

Cassini UVIS Auroral Book Volume 1 FUV 2004-2005

Cassini UVIS Auroral Book Introduction

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The UVIS team has compiled six final "auroral books"- sets of Cassini Ultraviolet Imaging Spectrograph (UVIS) spectrally summed images of Saturn obtained during the orbital phase of the Cassini mission. Three books contain UVIS Extreme Ultraviolet (EUV) channel (87-118 nm) images, and three contain UVIS Far-Ultraviolet (FUV) channel (140-163 nm) images. Data were selected from the Cassini DAPS archive that were targeted to Saturn. ***This book, Volume 1, contains FUV images acquired in 2004-2005.***

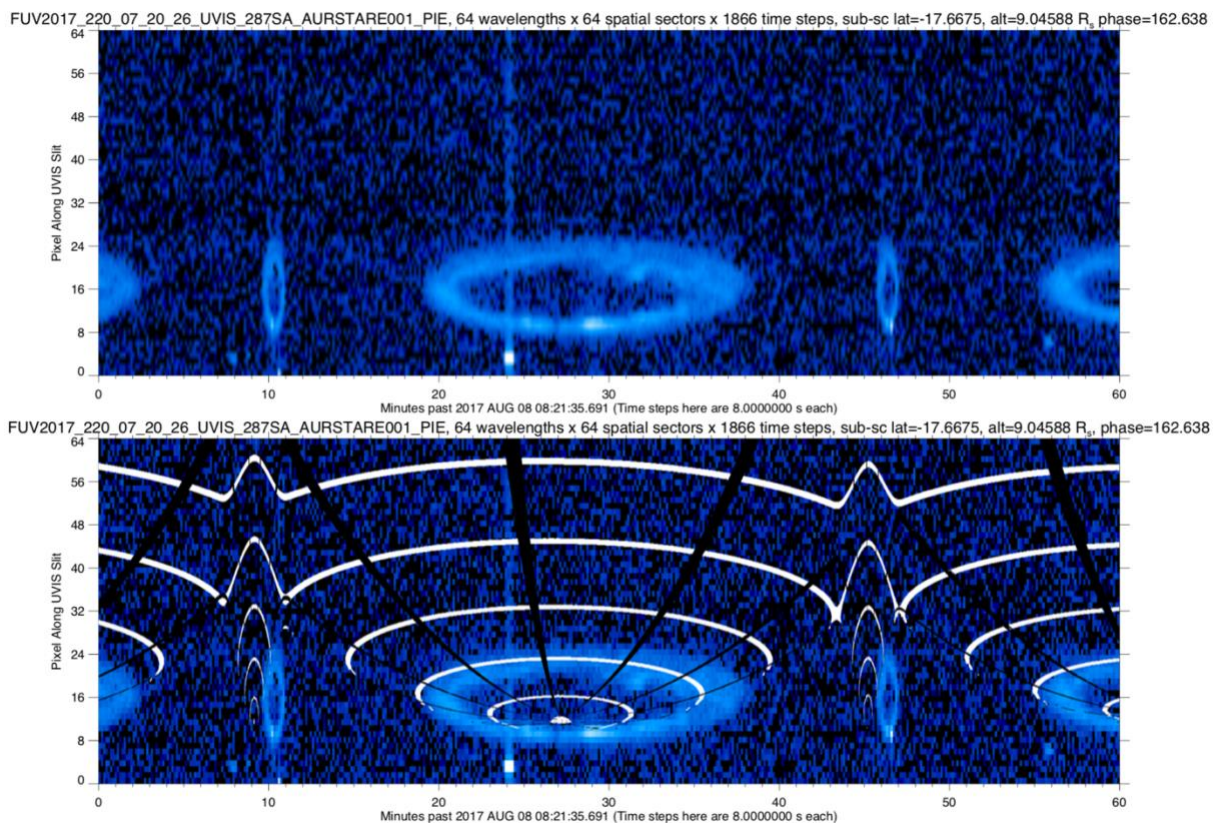
The uncalibrated images in these books are not meant to be used directly for analysis, but rather as a guide to which files may be interesting to obtain from the PDS system, study spectrally and spatially, and properly calibrate using the Cassini UVIS pipeline software. Auroral calibration is discussed in the Cassini UVIS User's Guide Chapter by Gustin (2017). Many of the most interesting files were obtained late in the mission- 2016 and 2017- when the spacecraft left the ring plane and closely approached the planet at high sub-spacecraft latitudes.

The Cassini UVIS EUV and FUV 2-dimensional array detectors each contained 64x1024 pixels, with 64 rows of pixels along the slit, and 1024 columns of pixels along the dispersion direction. About 60 of the 64 1-mrad spatial rows were illuminated along the slit in each channel. Spectrally summed data is displayed in the books with time on the x-axis and long-slit spatial "pixels" along the y-axis. In some cases the data were spatially binned (data-compressed) on the spacecraft, and these images will show fewer spatial pixels. To increase the contrast between the auroral zones and the dayside Lyman-alpha 121.6 nm signal, the FUV book summed spectral range is 140-163 nm out of a full FUV channel range of 111-191 nm. To improve the signal-to-noise ratio on the EUV channel, the auroral book sums 87-118 nm out of a full EUV channel range of 56-118 nm. Both books primarily show emissions from excited molecular hydrogen. UVIS observations were made with a choice of slit width: 0.75, 1.5, or 8 mrad for the FUV channel; and 1, 2 or 8 mrad for the EUV channel. Typically the EUV images were obtained through a broader slit than the FUV images (2 mrad vs. 1.5 mrad wide for the medium slits), making the FUV images usually sharper looking than the EUV. The EUV images often have higher signal-to-noise ratios useful for studying faint features like satellite footprints. The EUV and FUV medium slits only partially overlap on the sky; in some cases different features are seen in the two channels. Vertical stripes seen in the images in the book are due to along-slit scattered light from localized bright auroras, moons of Saturn, or unusually bright UV-emitting stars .

To help make some sense out of this spectrally summed data, geometric overlays (latitude-longitude grids) were created using the best available set of pointing kernels, including C-kernels corrected by the Cassini ISS team. Each page of the book contains an image of the data without a geometric overlay, and below it an image with a geometric overlay. The overlays were made

assuming the auroras occur 1100 km above the Saturn 100 mbar bar level used as the planetary radius by JPL's NAIF system. The altitude assumed is based on Hubble Space Telescope (HST) auroral observations made by Gerard et al., 2009 that found auroral emissions peak 900-1300 km above the 1 bar level. The equatorial 1 bar level on Saturn is at 60,268 km, compared to 60,330 km at the 100 mbar level, so the difference in these two altitudes is only 62 km (Helled et al., 2009) and not a significant correction given the range in observed auroral altitudes.

Latitude lines are drawn in white every 10 degrees, longitude lines in black every 30 degrees. The terminator is also drawn in white. The limb is not explicitly drawn. The overlays are obviously a better match to the planetary location on some days than on others, and should not be used to immediately infer things about the auroral distribution in latitude.



A sample page from the FUV book is shown above and illustrates a number of these ideas. Partial auroral ovals were captured at the left and right edges of the image by slow spacecraft slews at right angles to the UVIS long slit. Two tiny ovals seen were obtained during rapid spacecraft "flyback slews". These flyback slews, in the opposite direction from the slow slews, were made so that sequences of slow slews across the planet were made in the same direction, leading to auroral "movies" where different locations were evenly sampled in time. The center shows a full auroral oval obtained slowly, over about 20 minutes. The bright vertical stripe cutting across the full oval is along-slit scattered light from an object not on Saturn, seen at the bottom- probably one of Saturn's moons. The geometric overlay at the bottom shows that auroral emissions from excited molecular hydrogen in the full oval were seen from ~65-85S latitude on this occasion.

The software used to make these books has also been used to produce similar products for special purposes, such as satellite footprint searches, or a "red" book that emphasizes the long-wavelength part of the FUV channel that shows reflected sunlight from Saturn modified by absorbing gases and hazes. Contact the author if you are interested in collaborations involving other products.

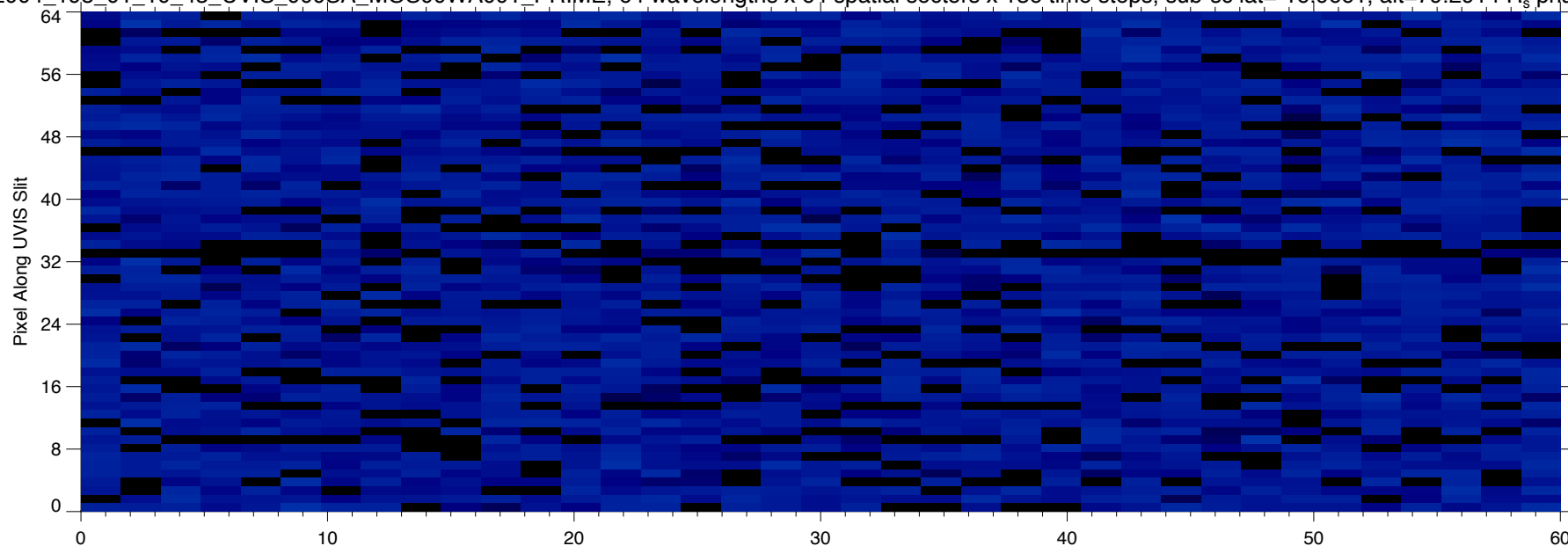
References:

Gérard, J.-C., B. Bonfond, J. Gustin, D. Grodent, J. T. Clarke, D. Bisikalo, and V. Shematovich (2009), Altitude of Saturn's aurora and its implications for the characteristic energy of precipitated electrons, *Geophys. Res. Lett.*, 36, L02202, doi:[10.1029/2008GL036554](https://doi.org/10.1029/2008GL036554).

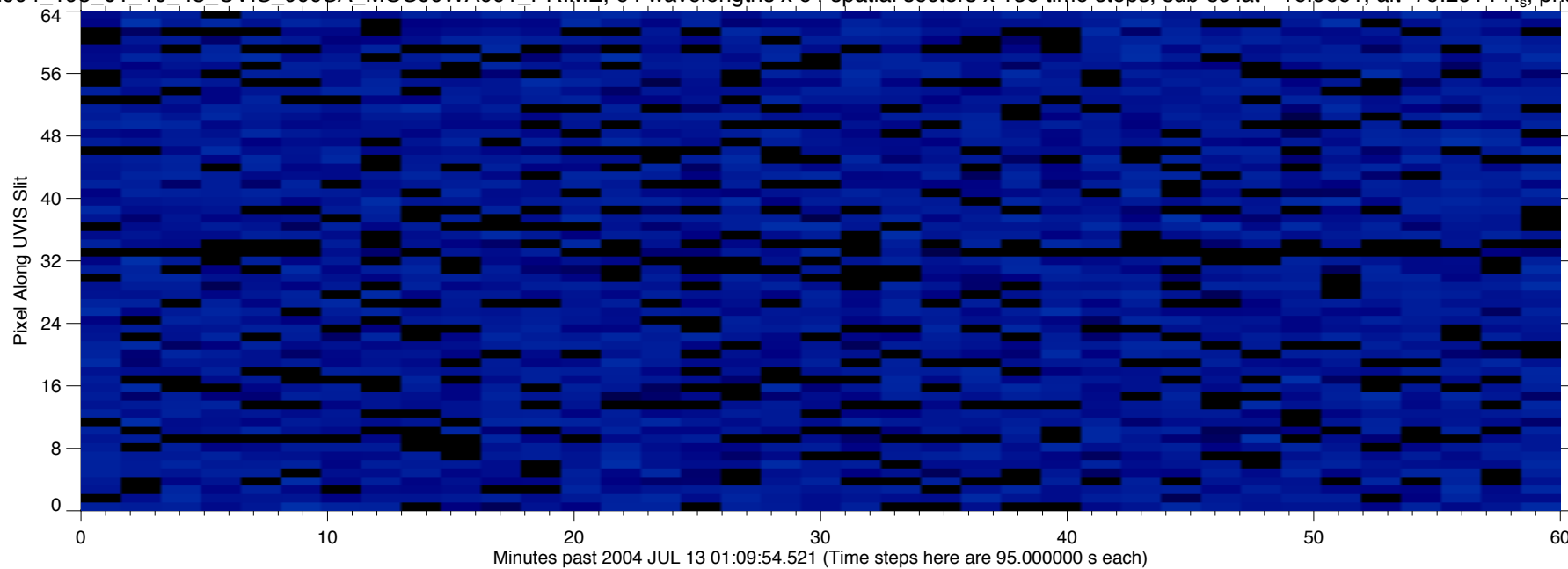
Gustin, J., Saturn's Aurora, in the *Cassini UVIS User's Guide*, (2017), available at the PDS.
https://pds-rings.seti.org/cassini/uvis/UVIS_Users_Guide_v2_5-3-17.pdf

Helled, R., G. Schubert, and D. Anderson, (2009), Jupiter and Saturn Rotation Periods, arXiv:0907.3418v1.

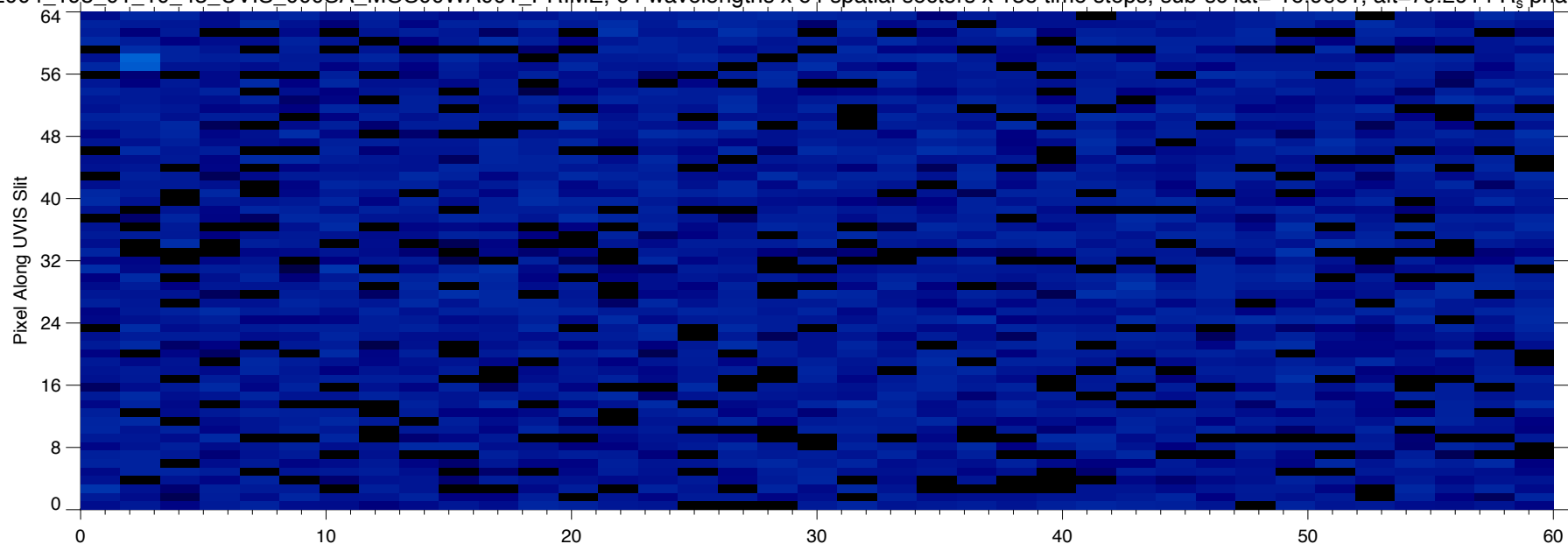
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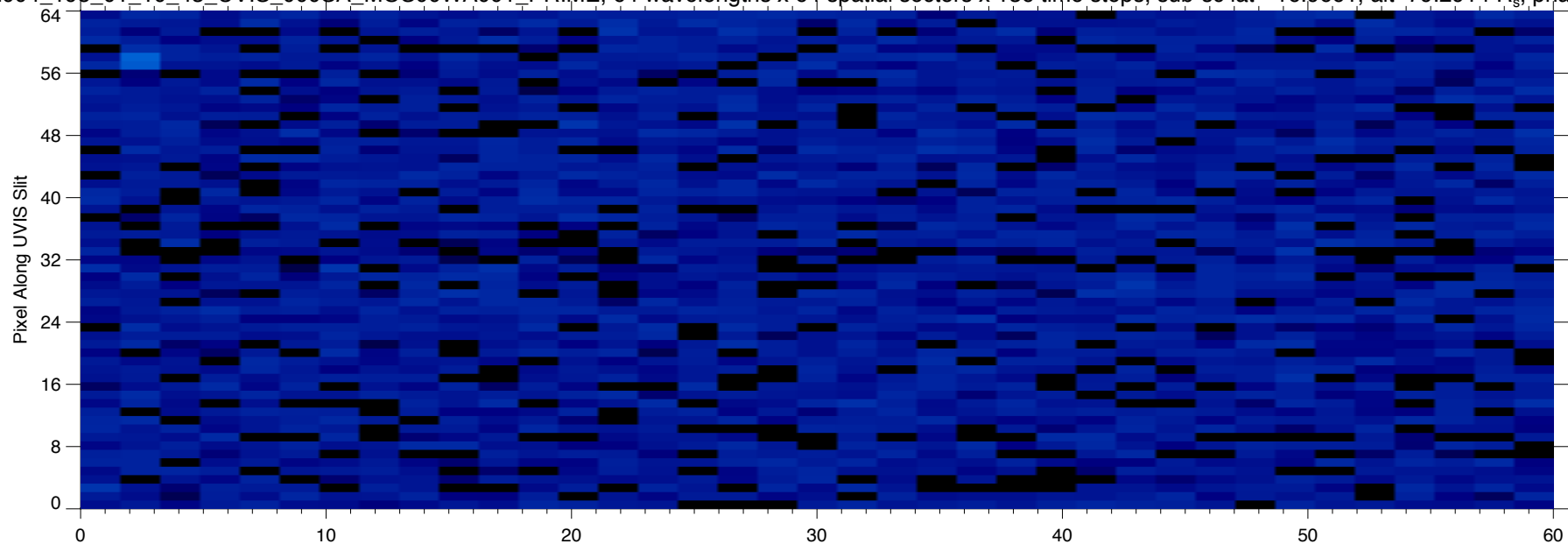
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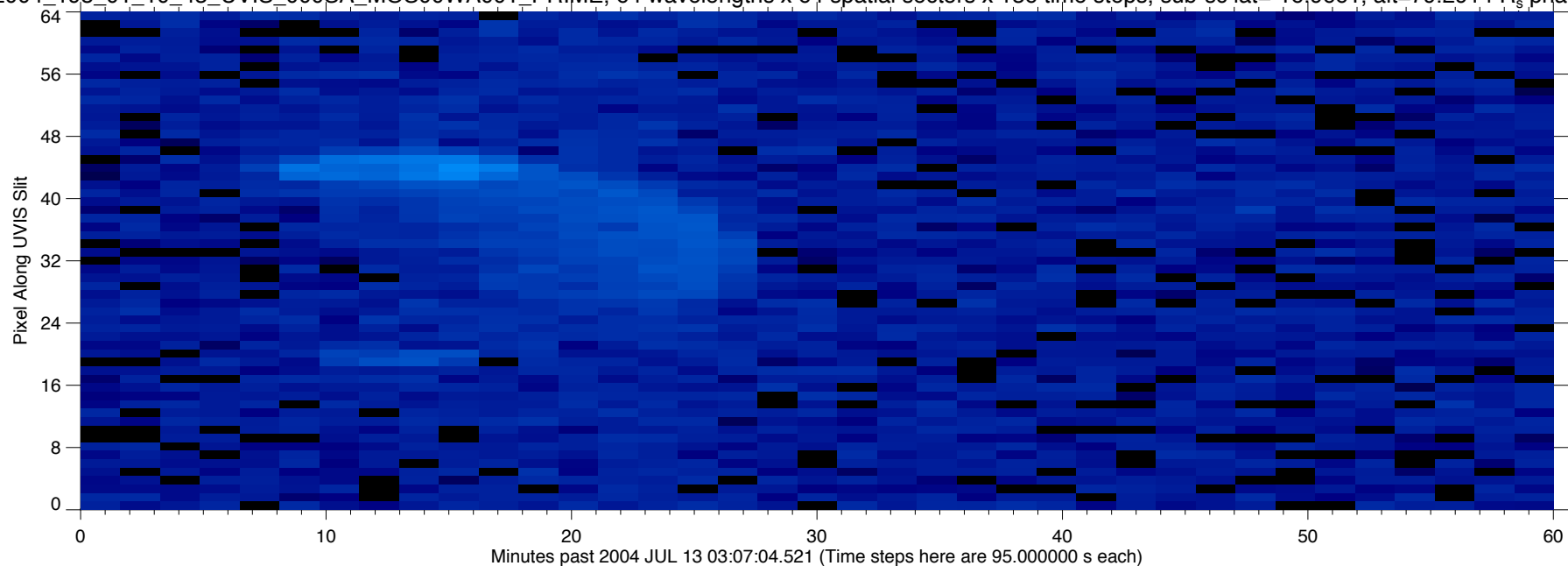
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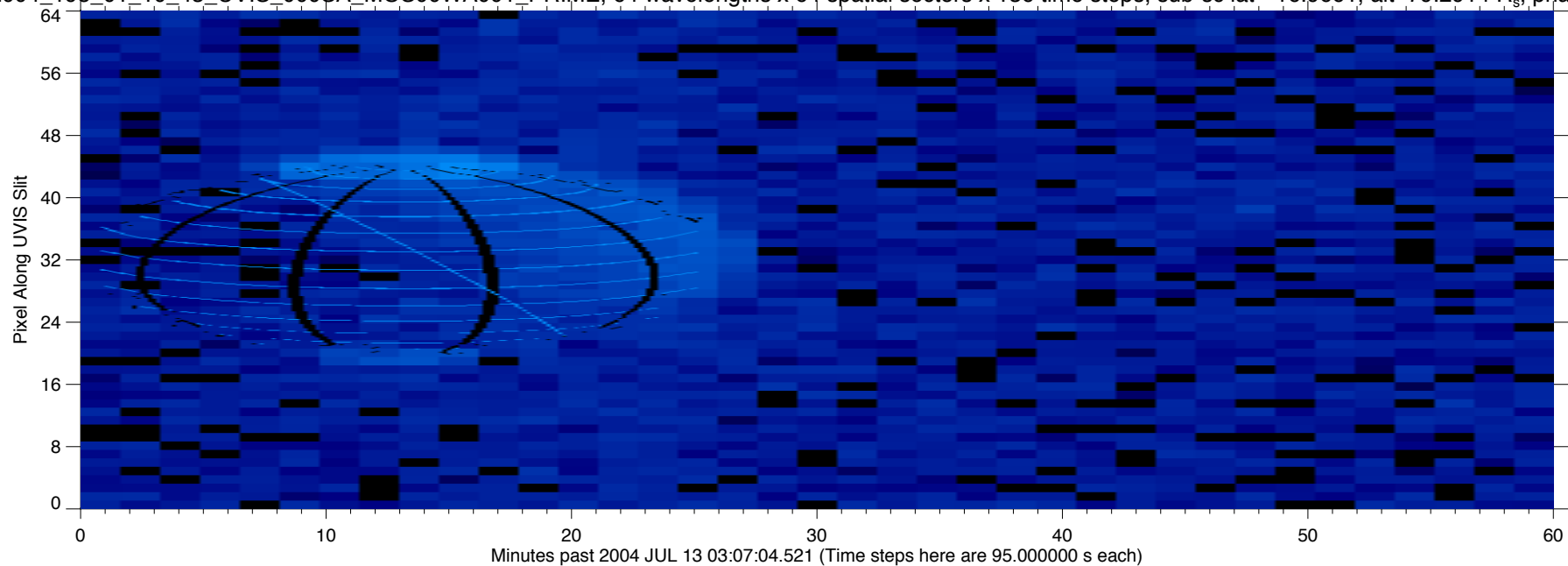
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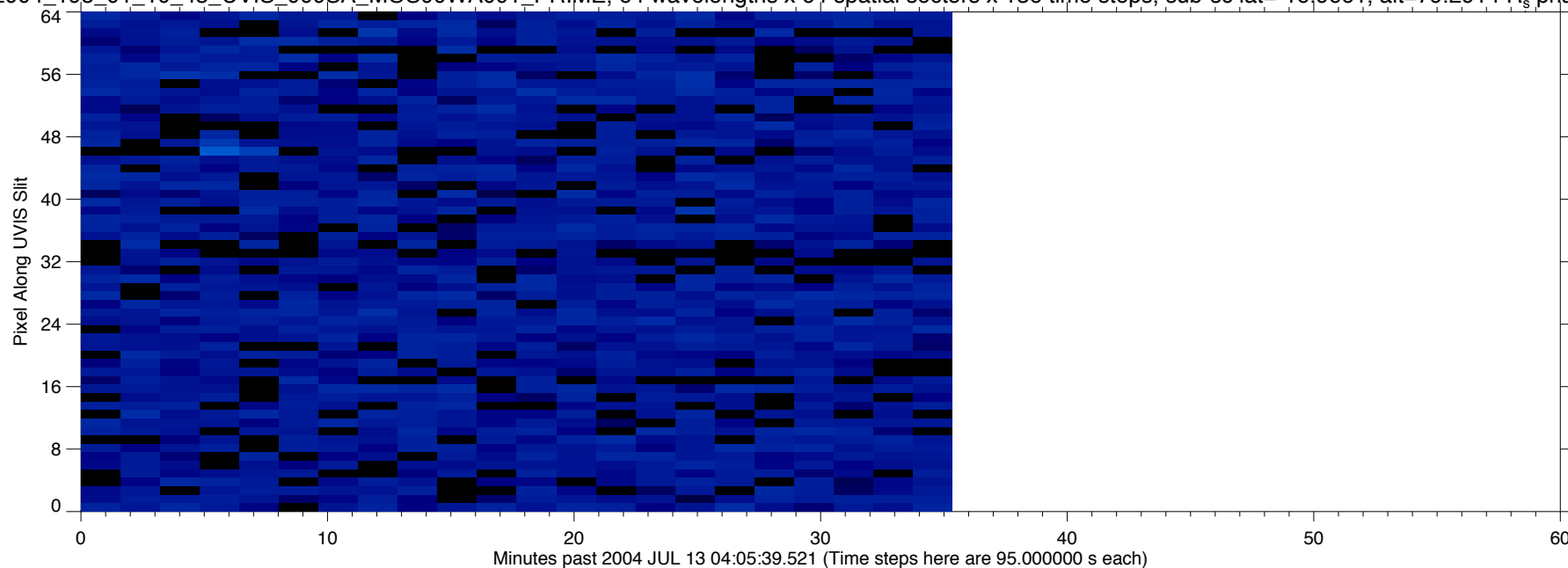
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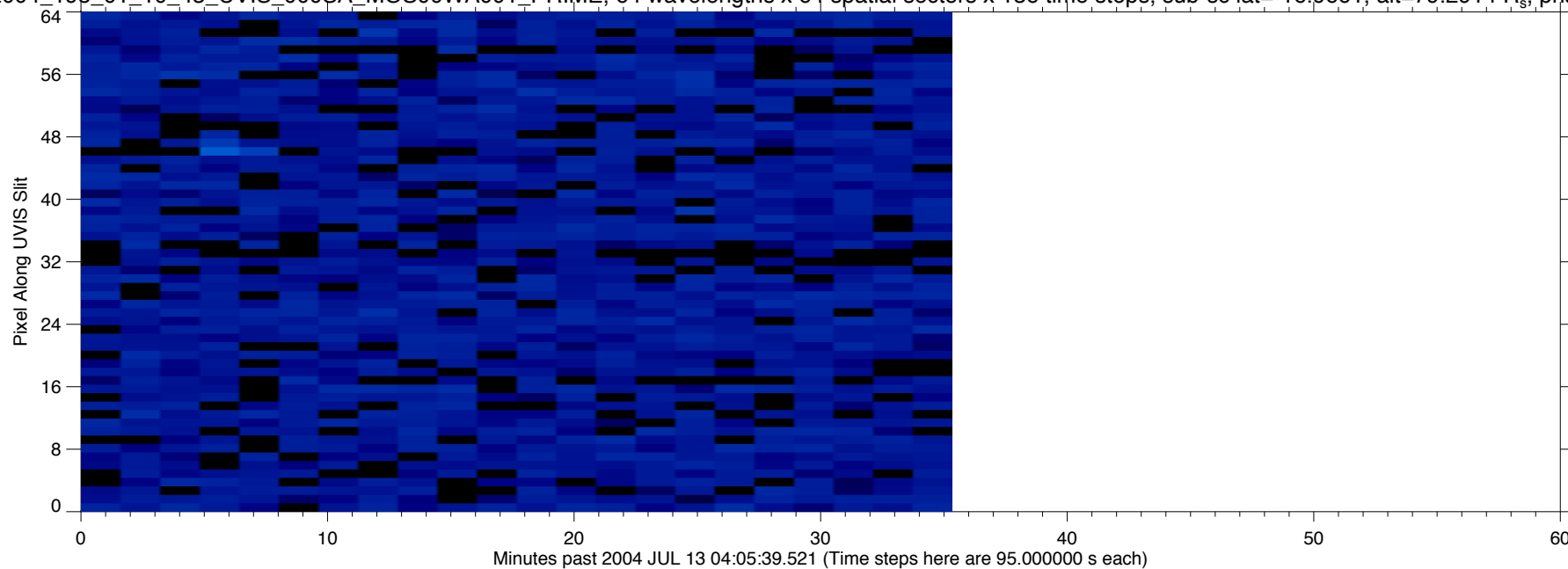
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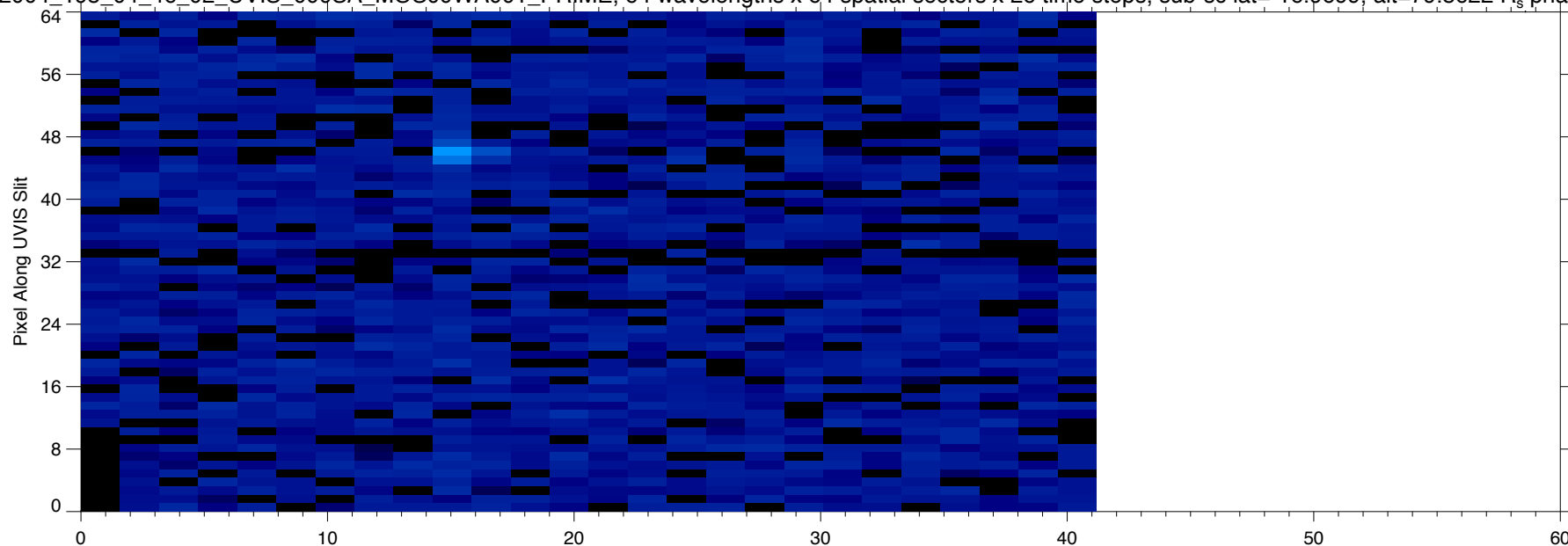
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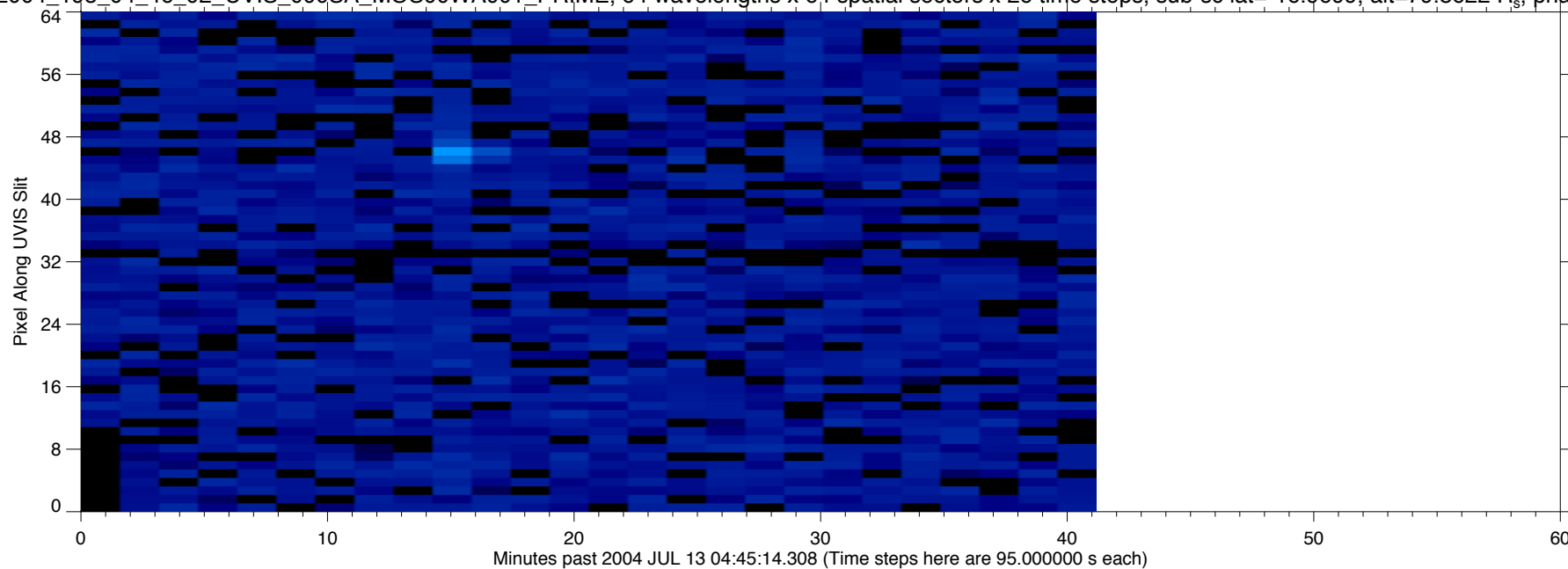
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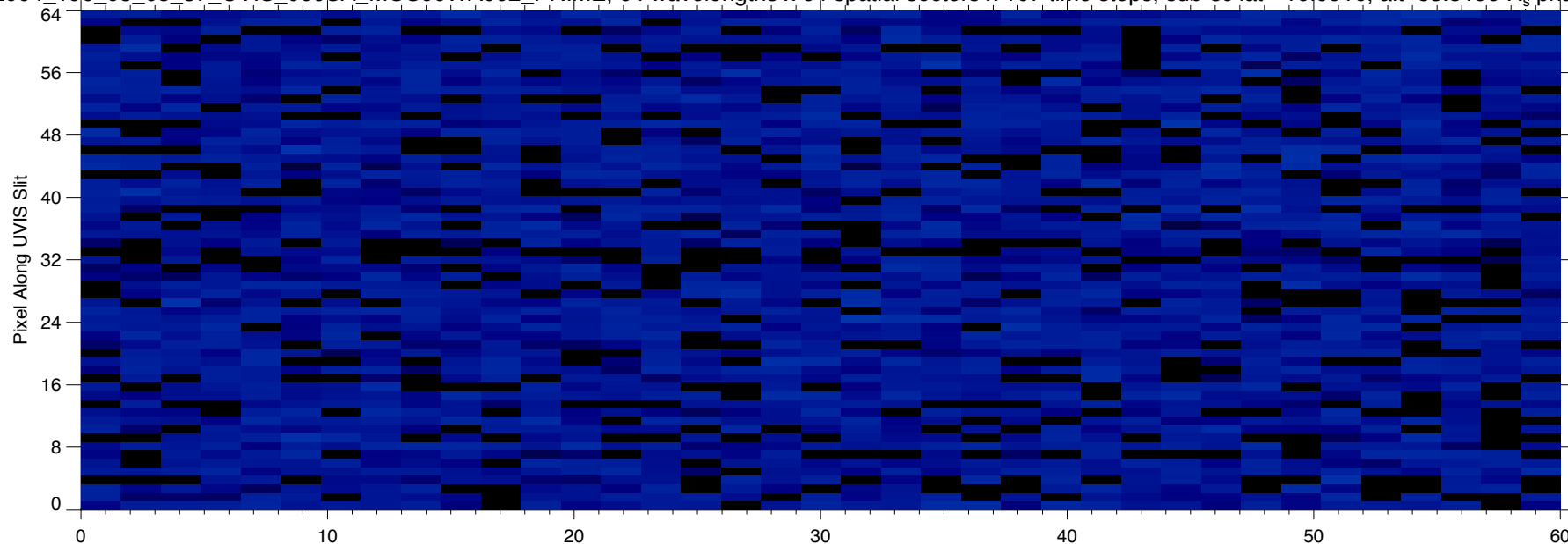
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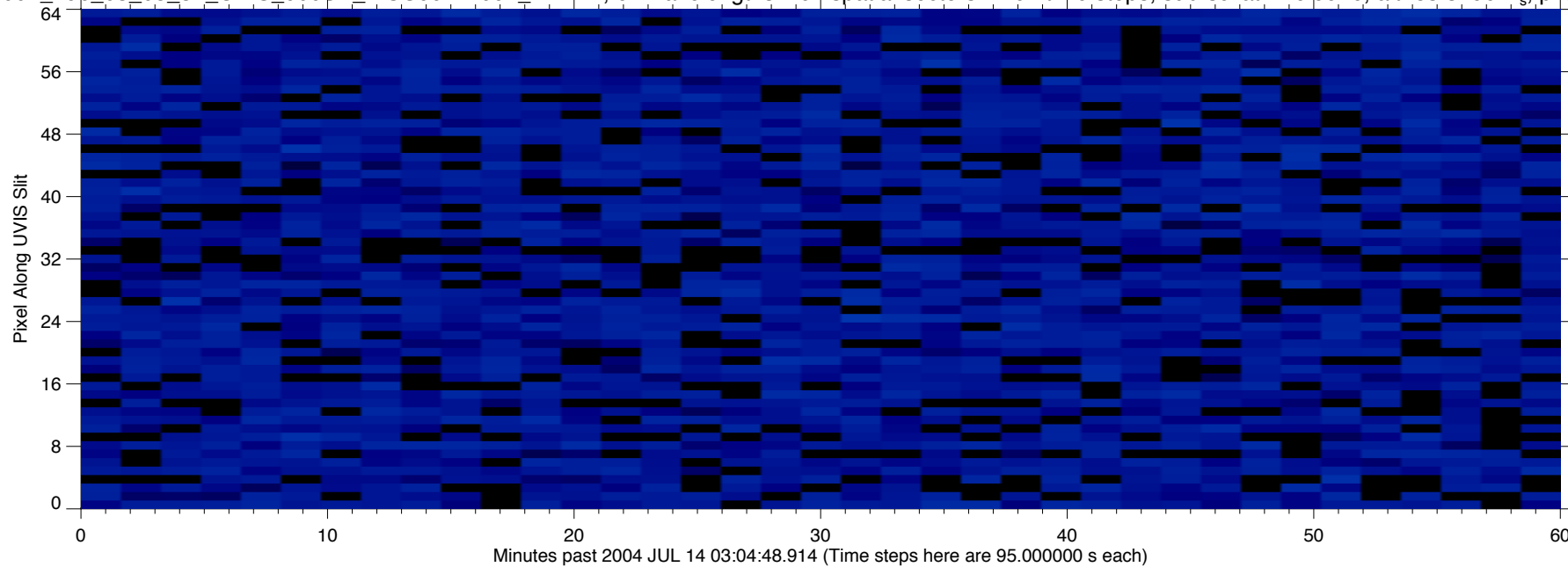
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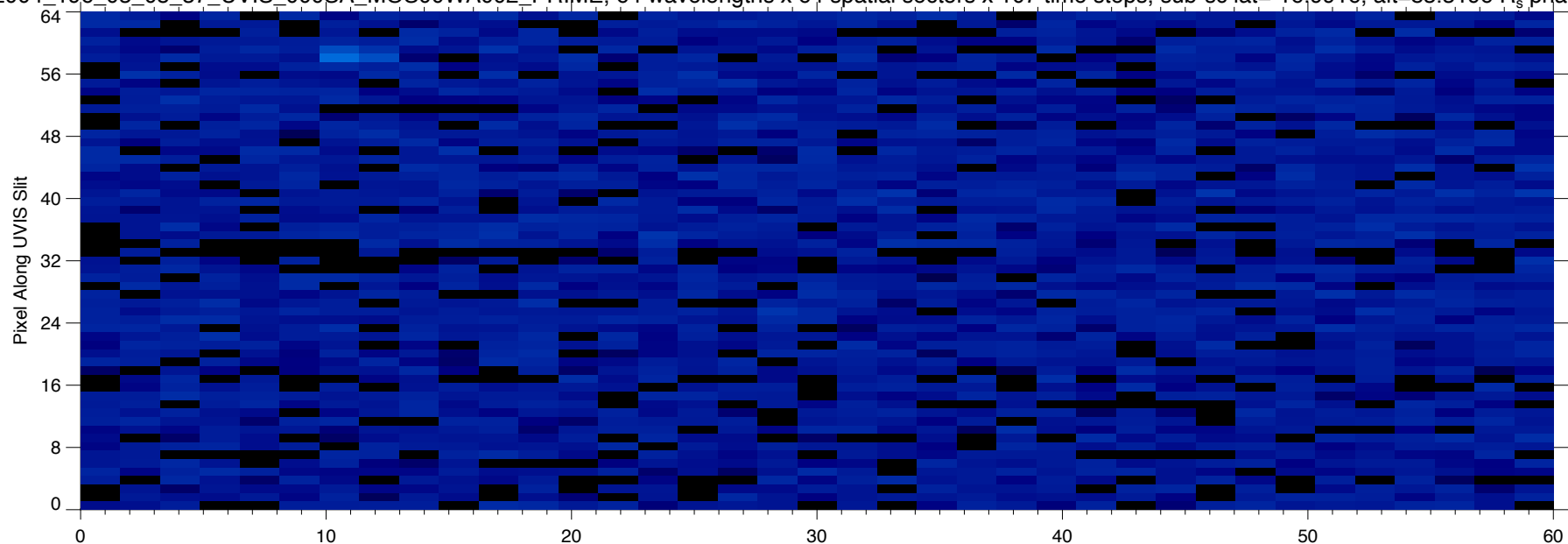
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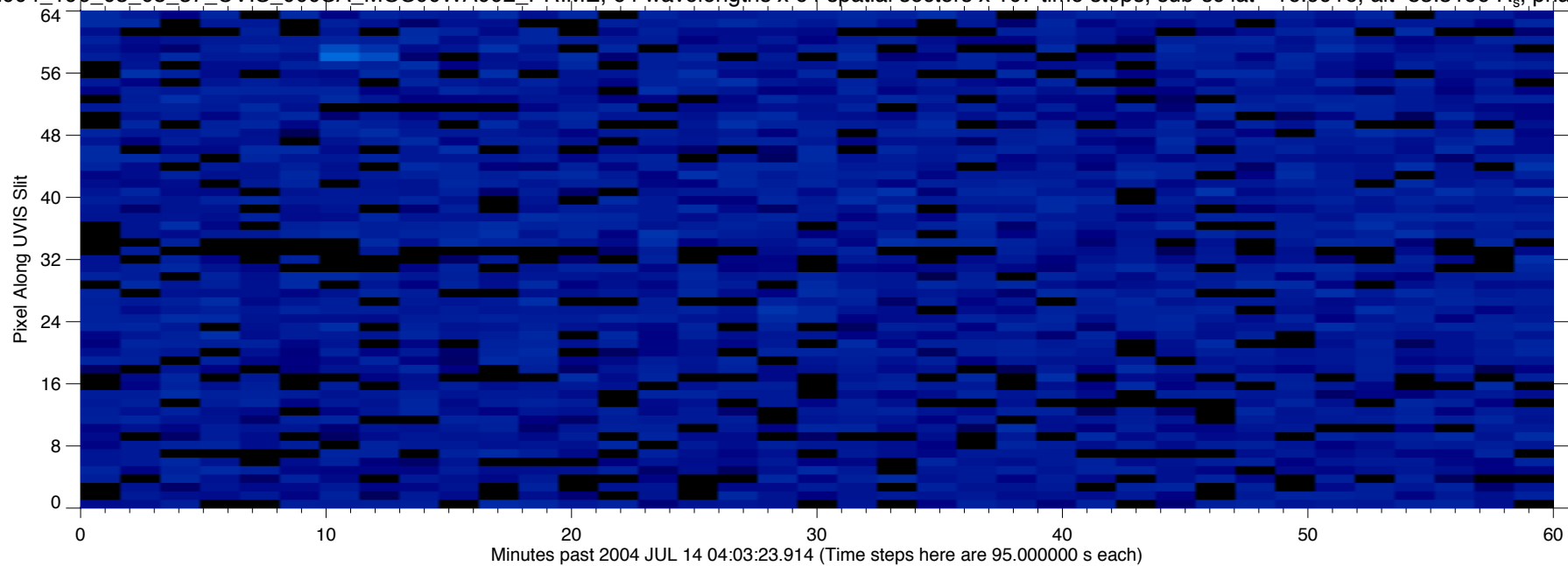
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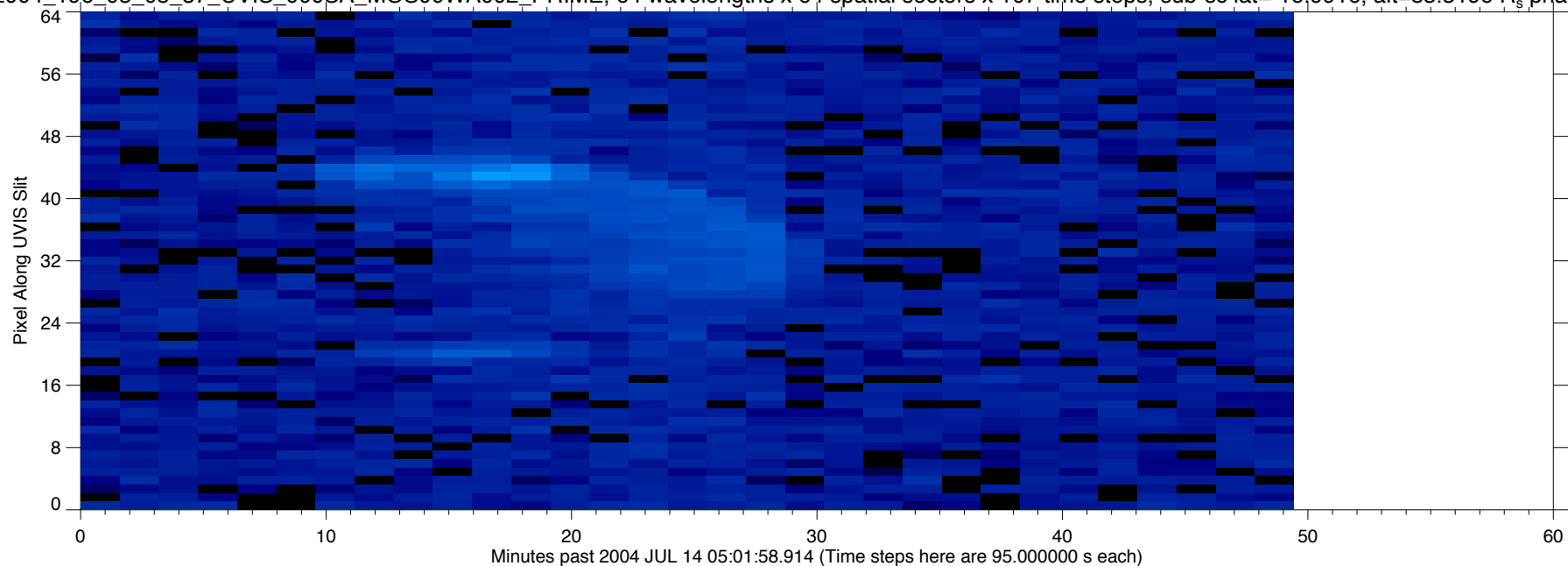
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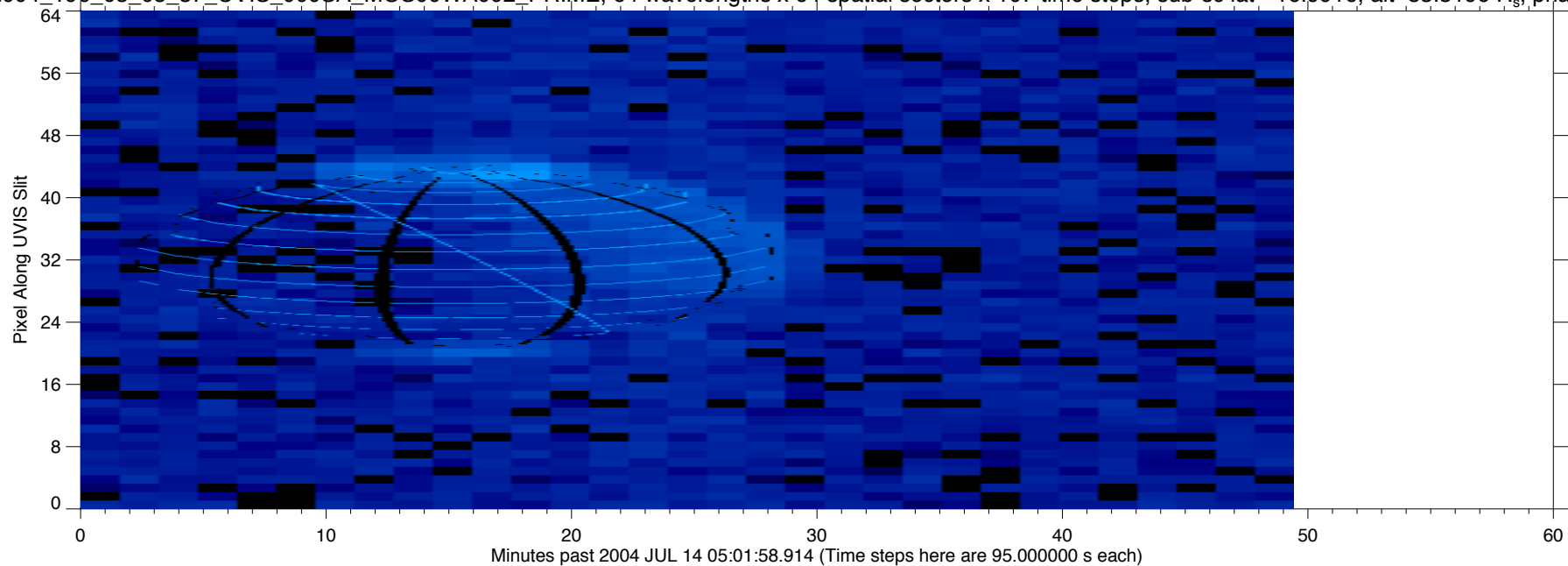
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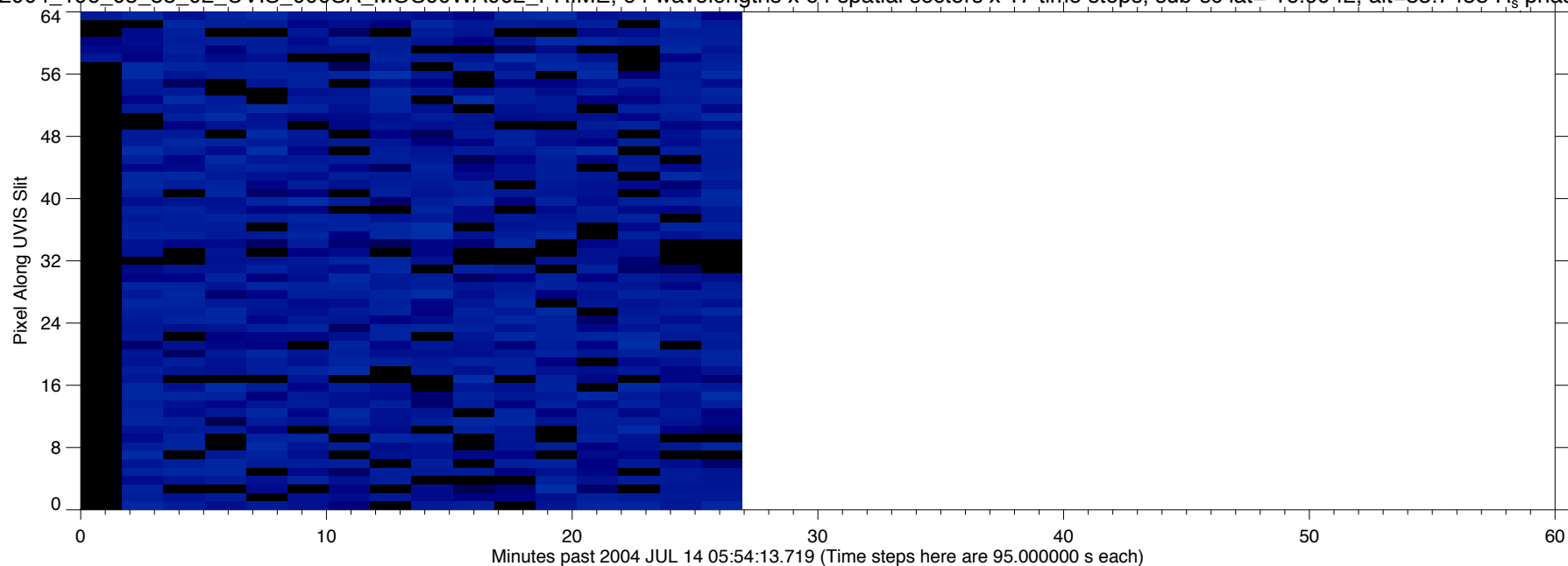
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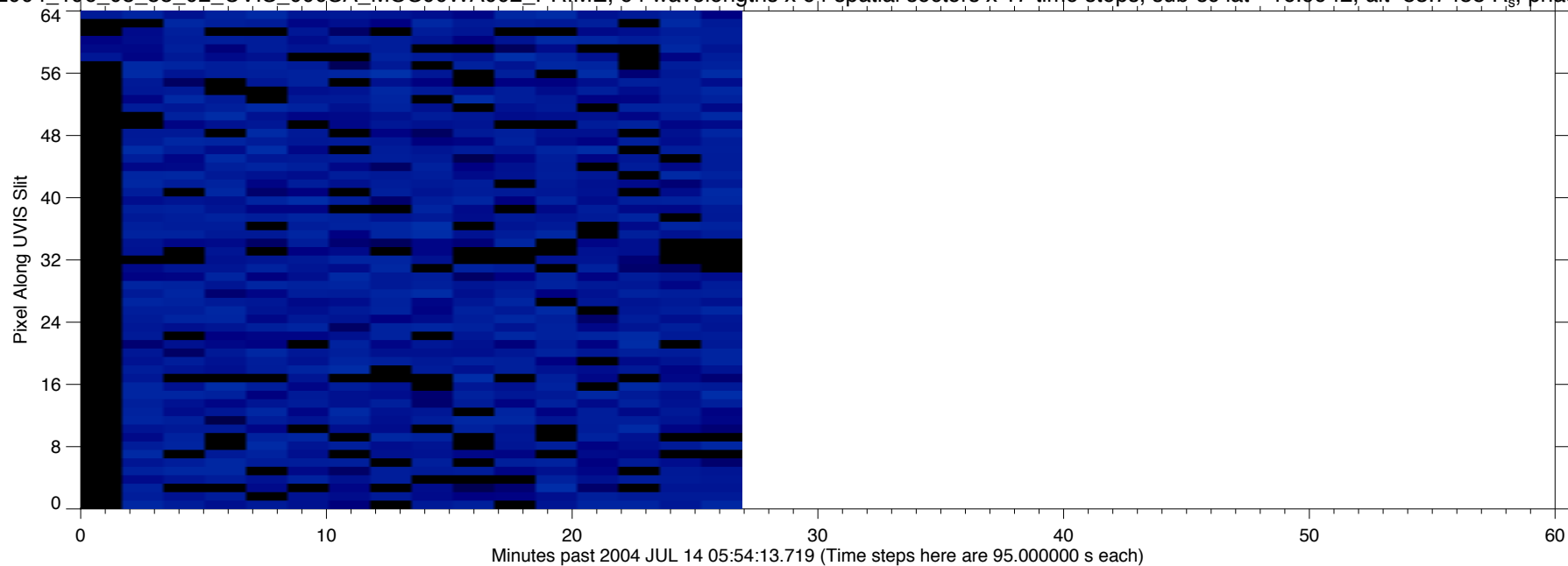
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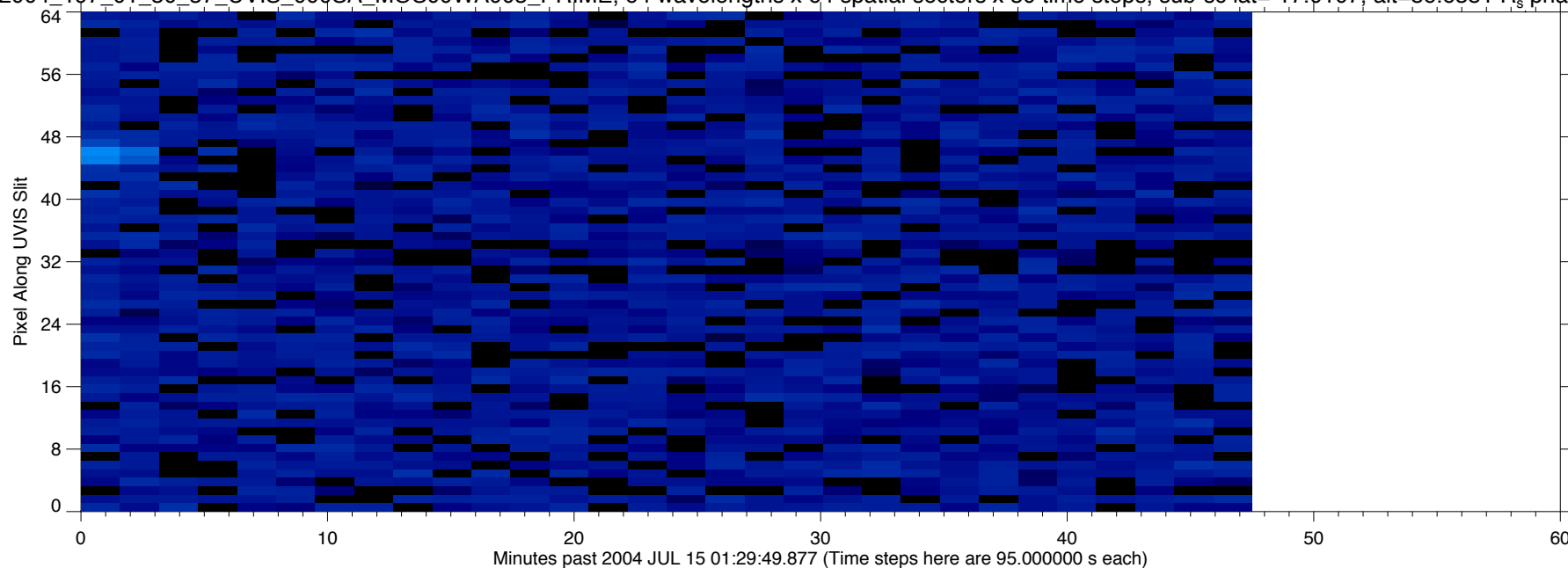
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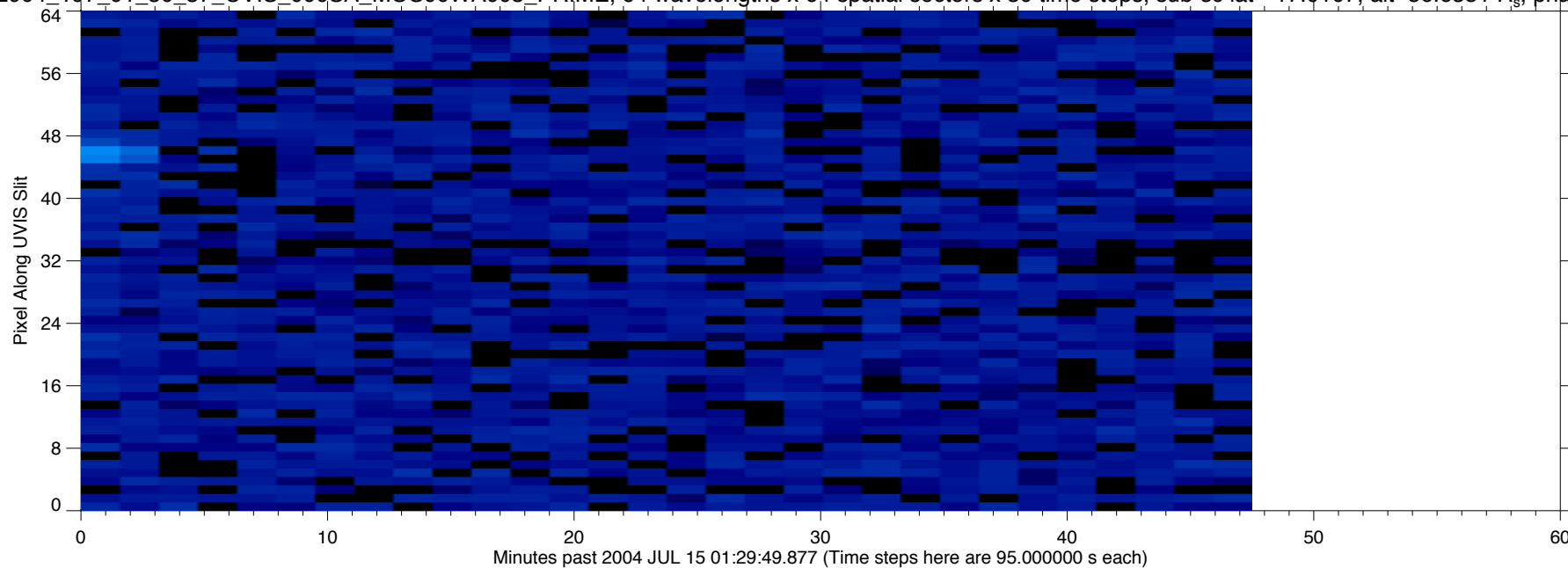
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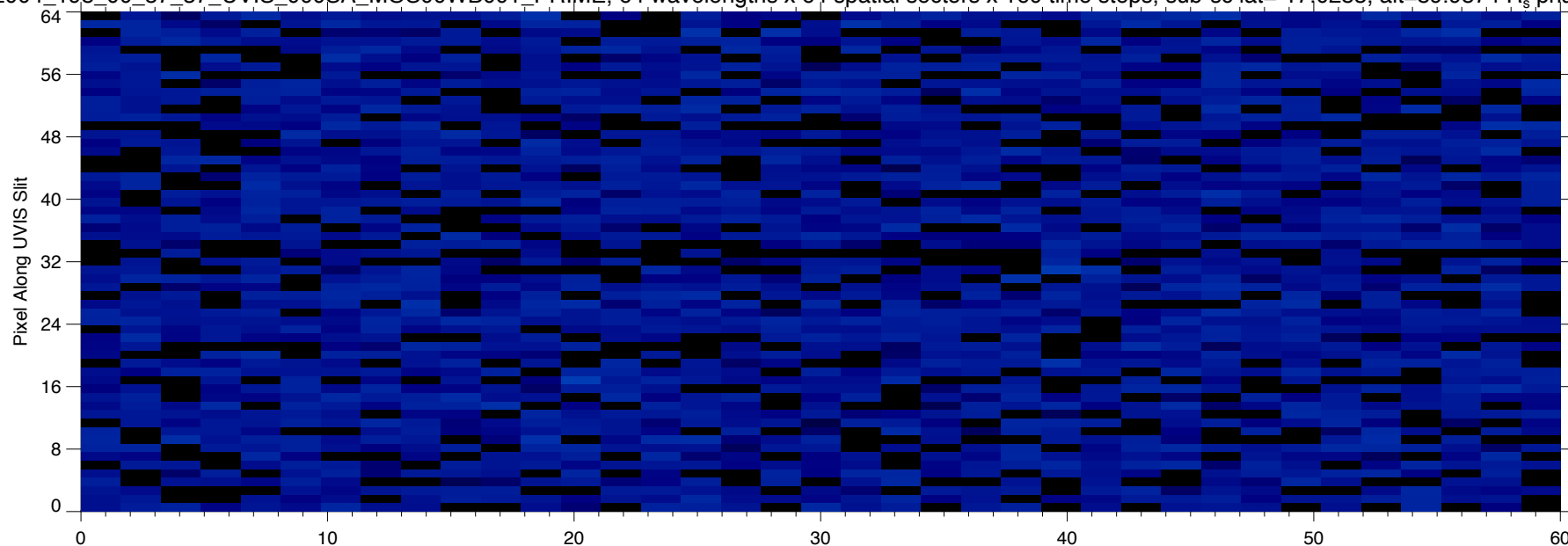
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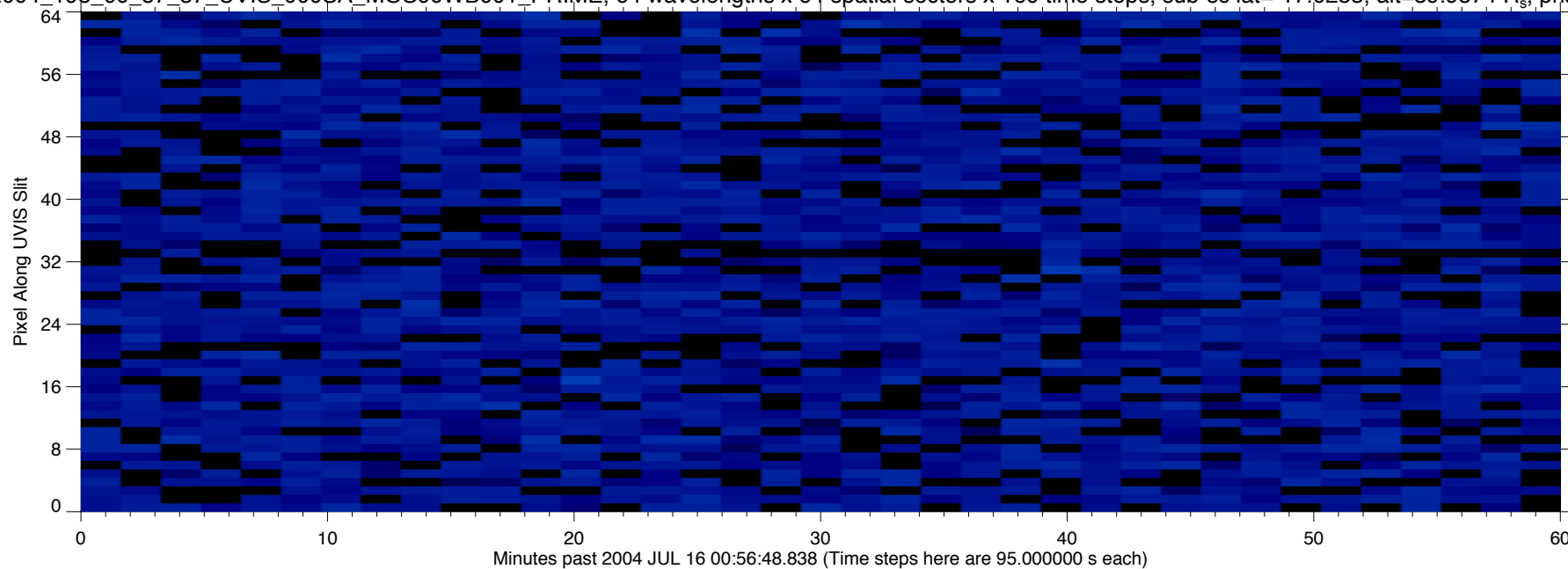
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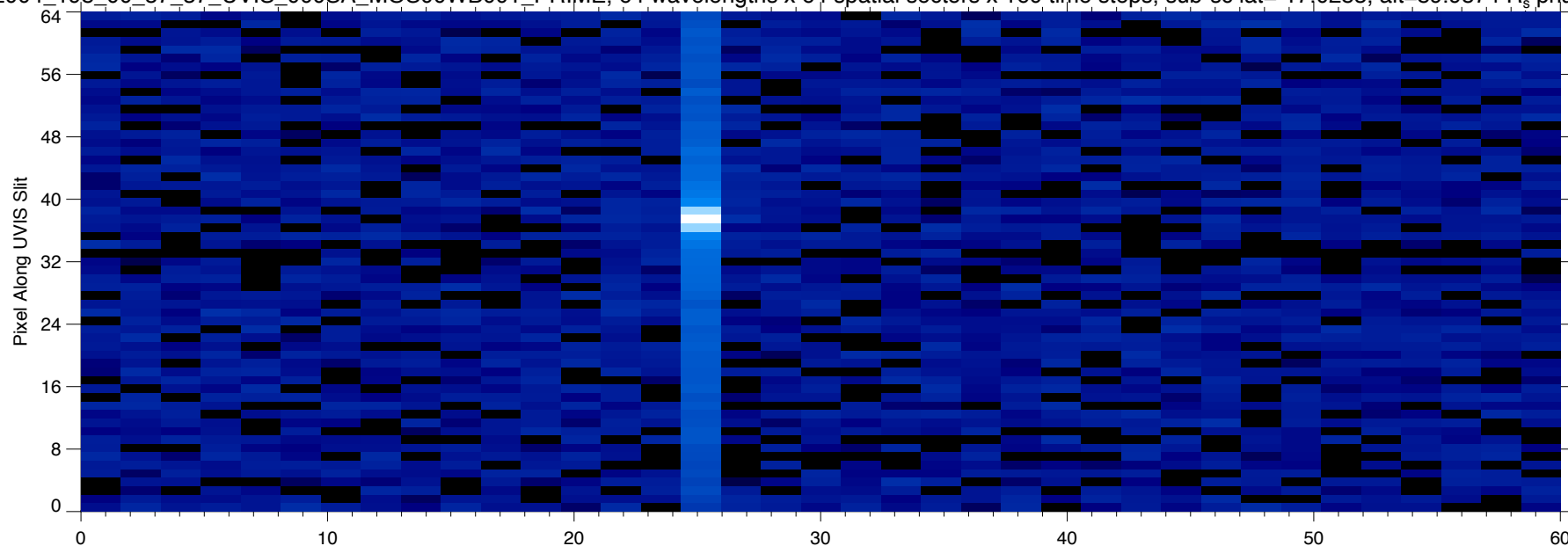
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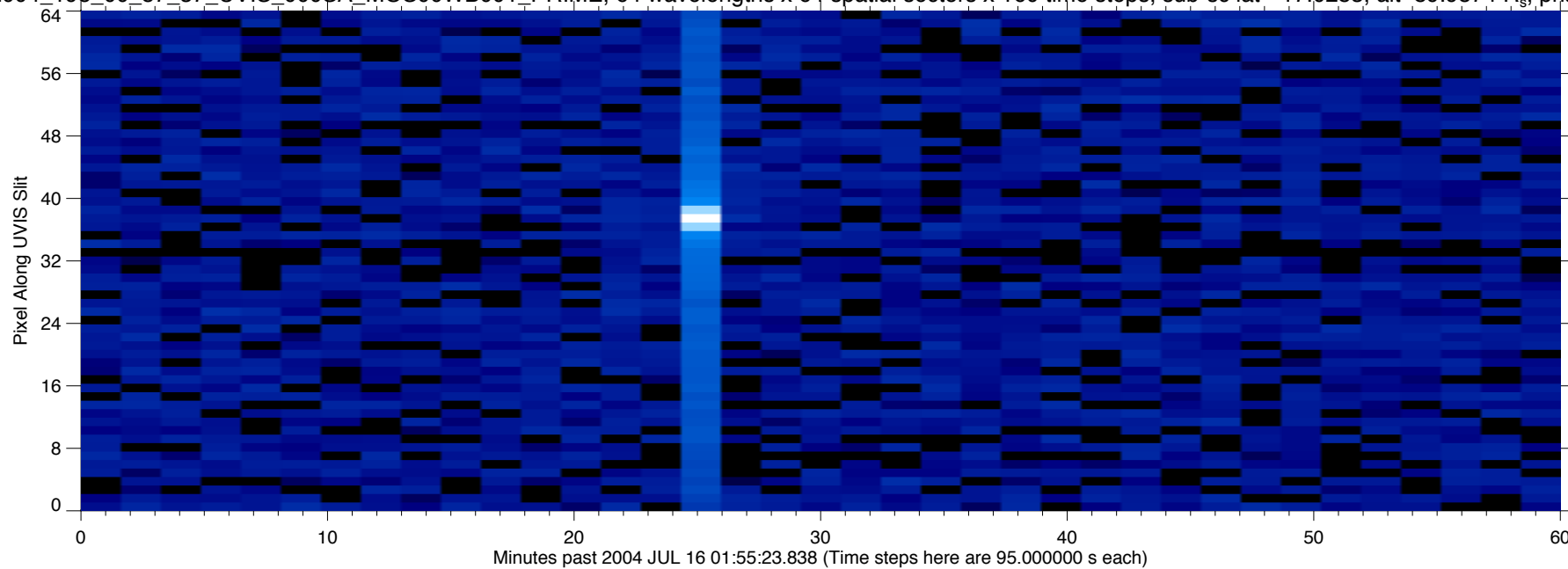
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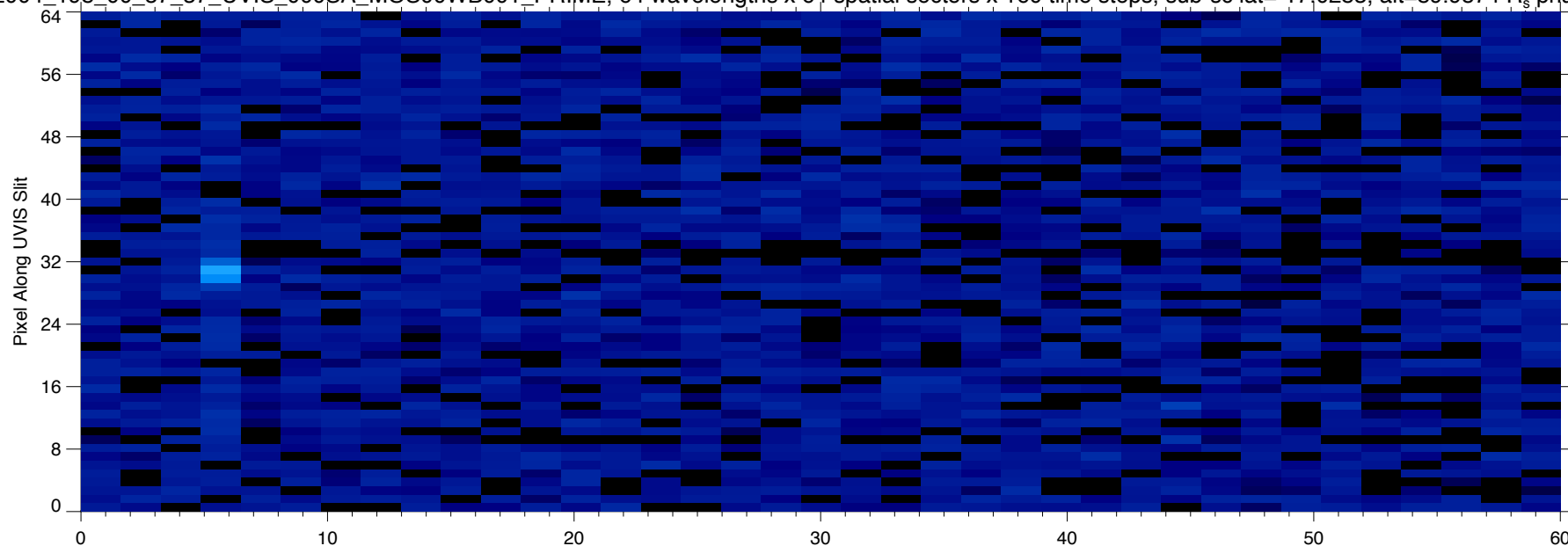
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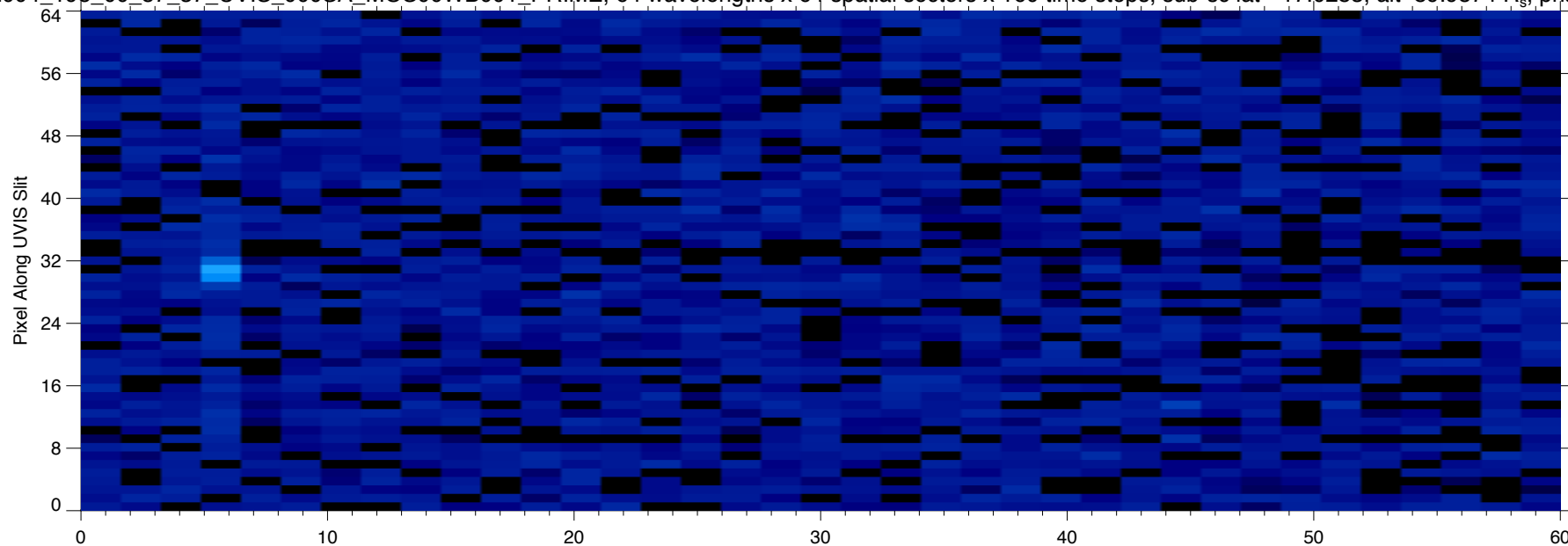


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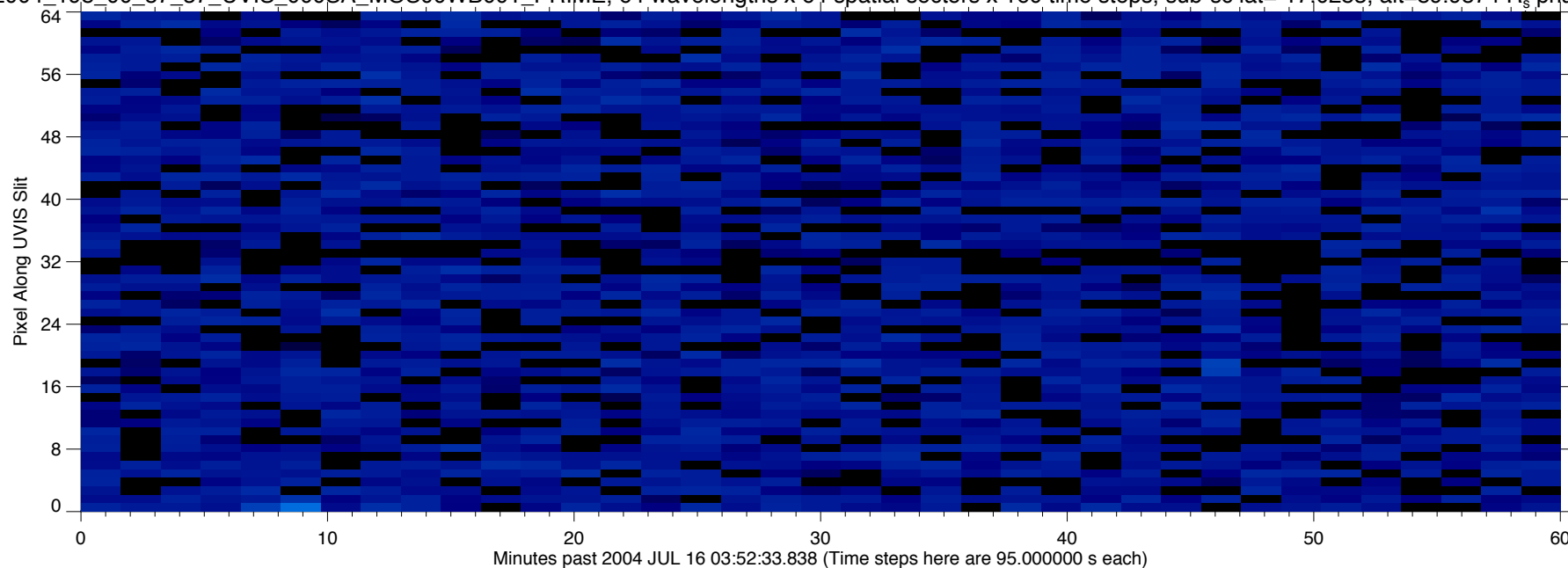
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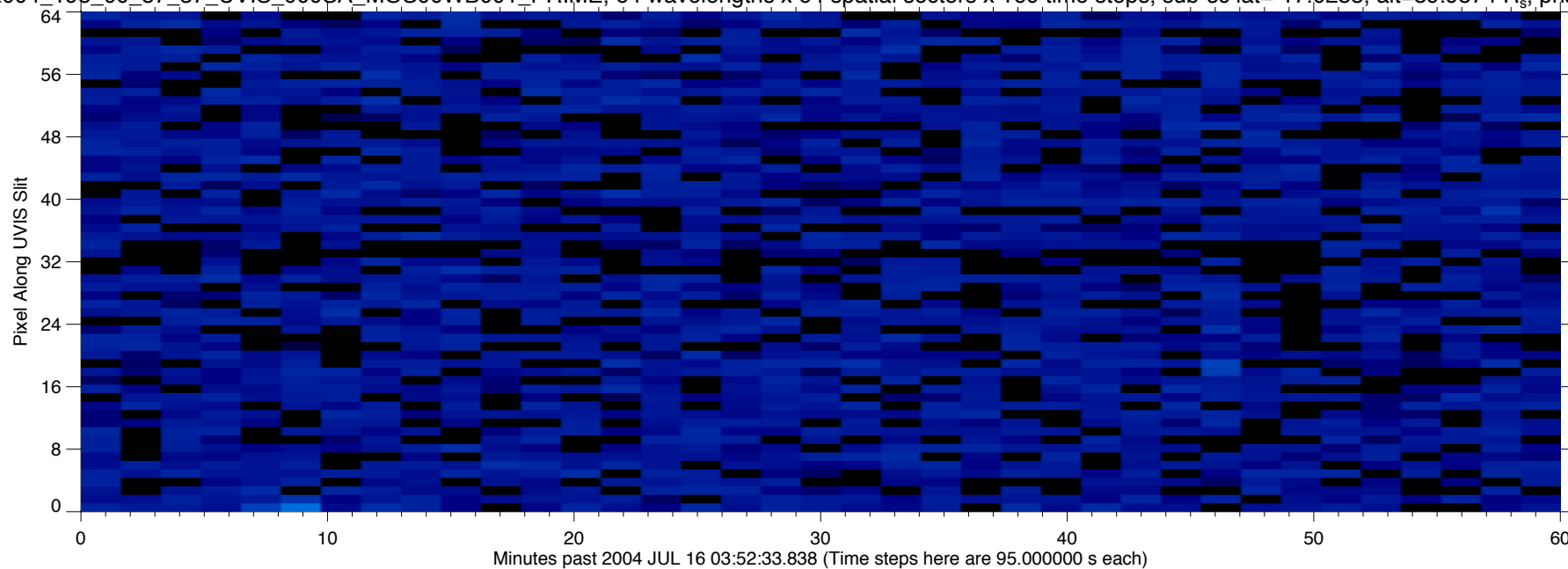


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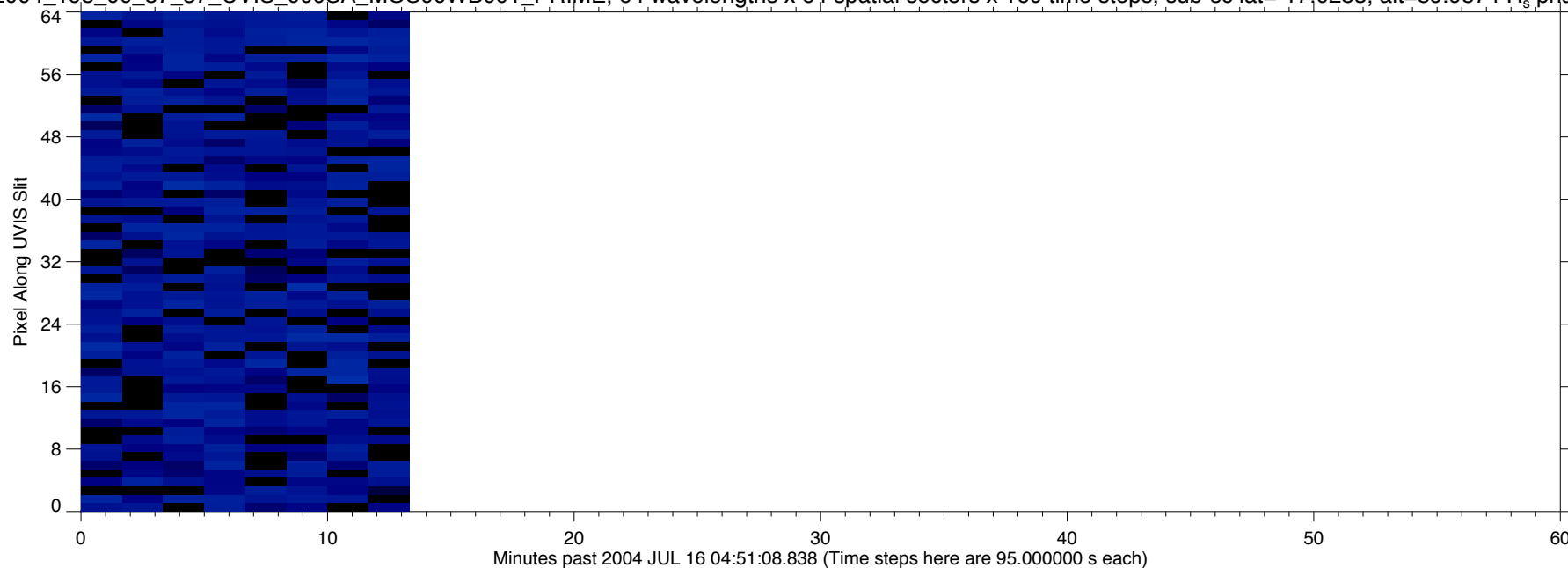
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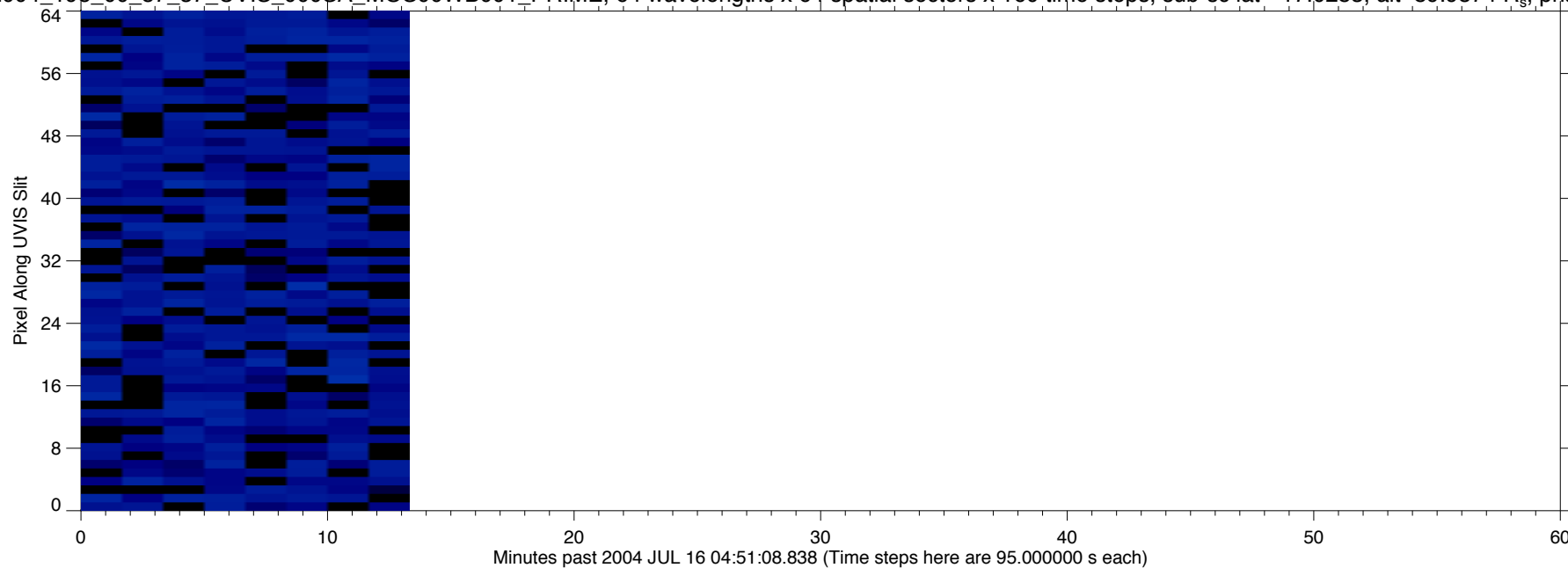
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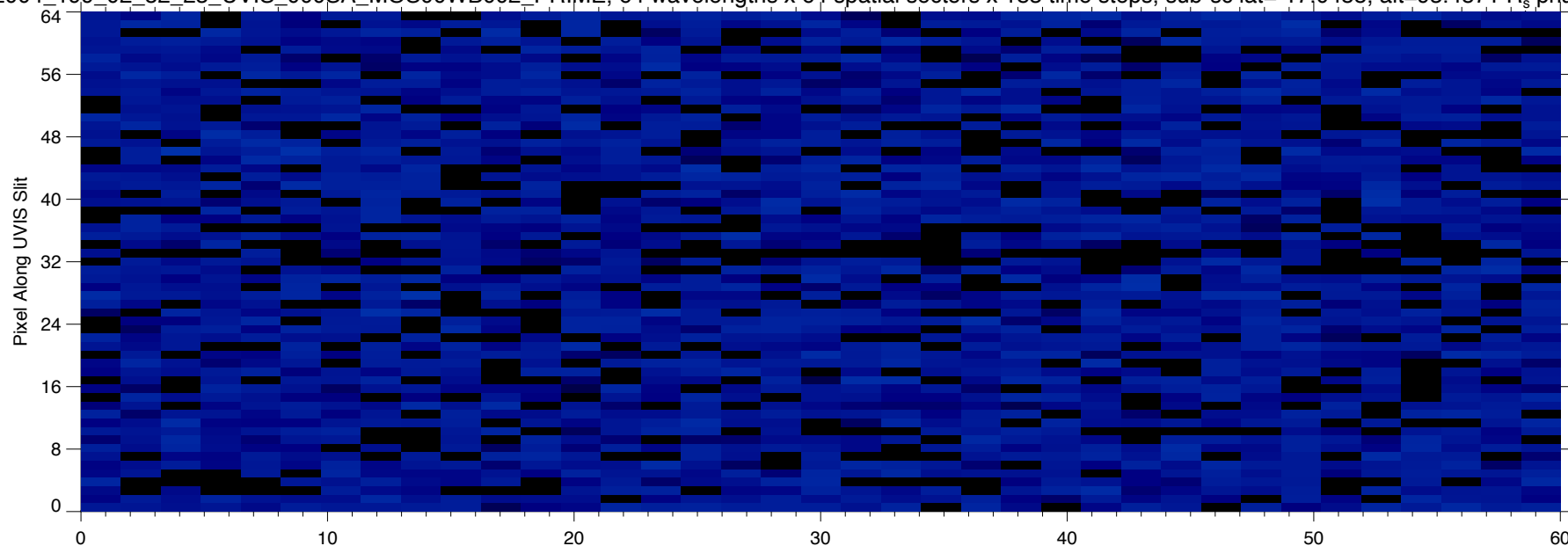
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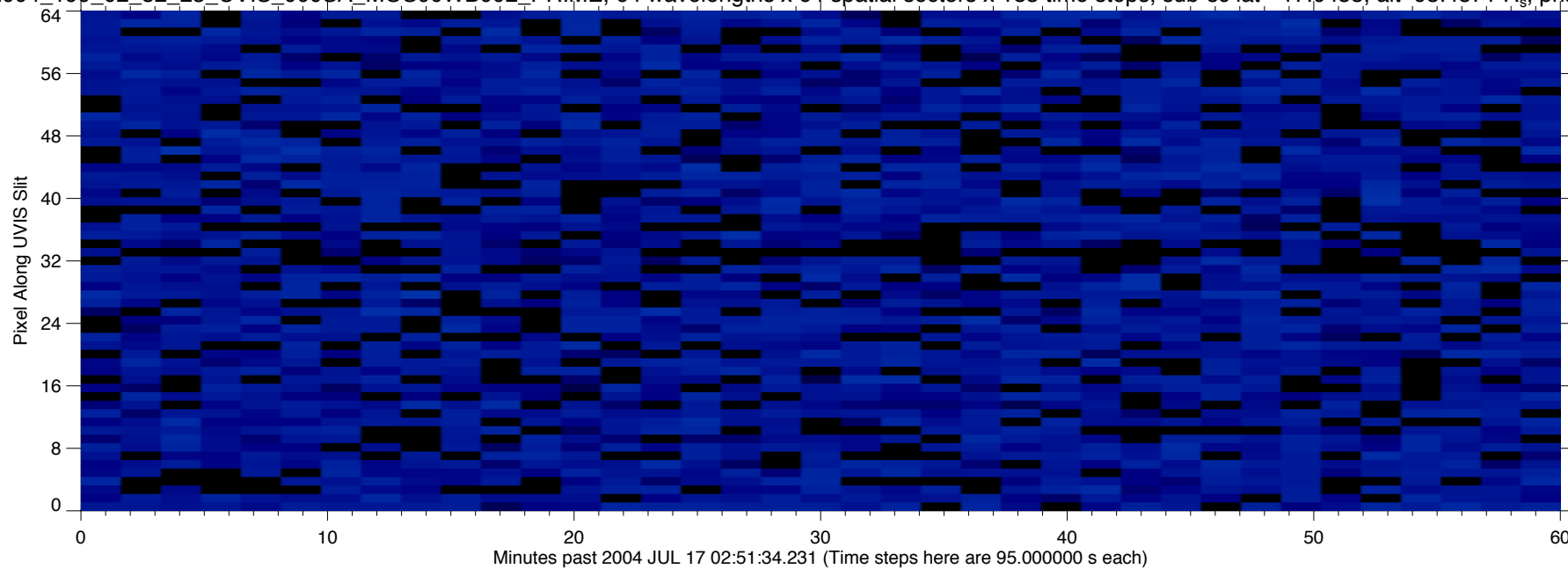
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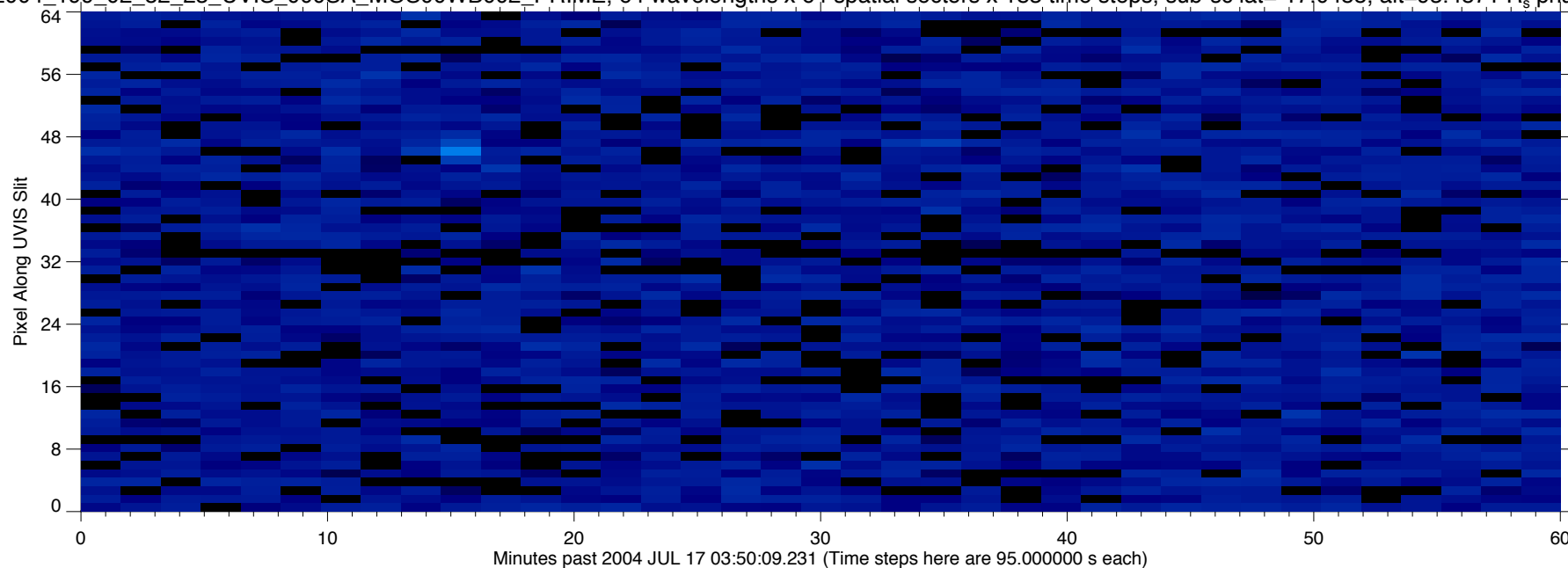
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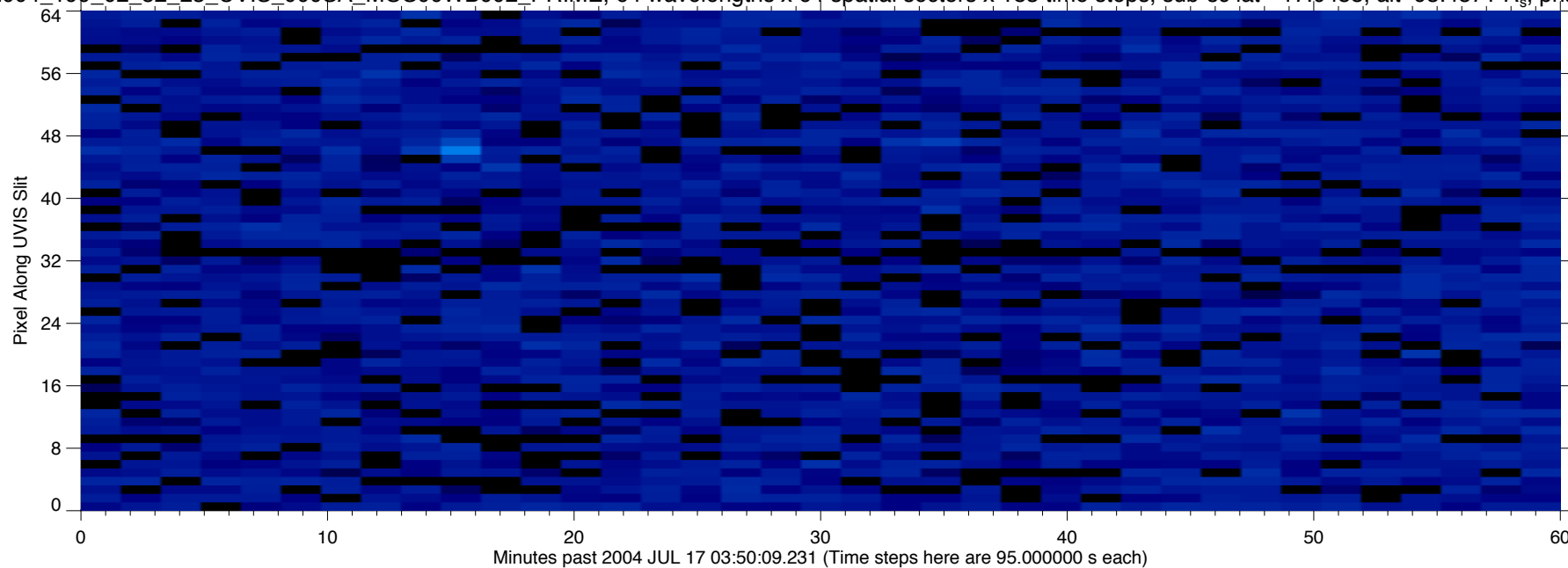
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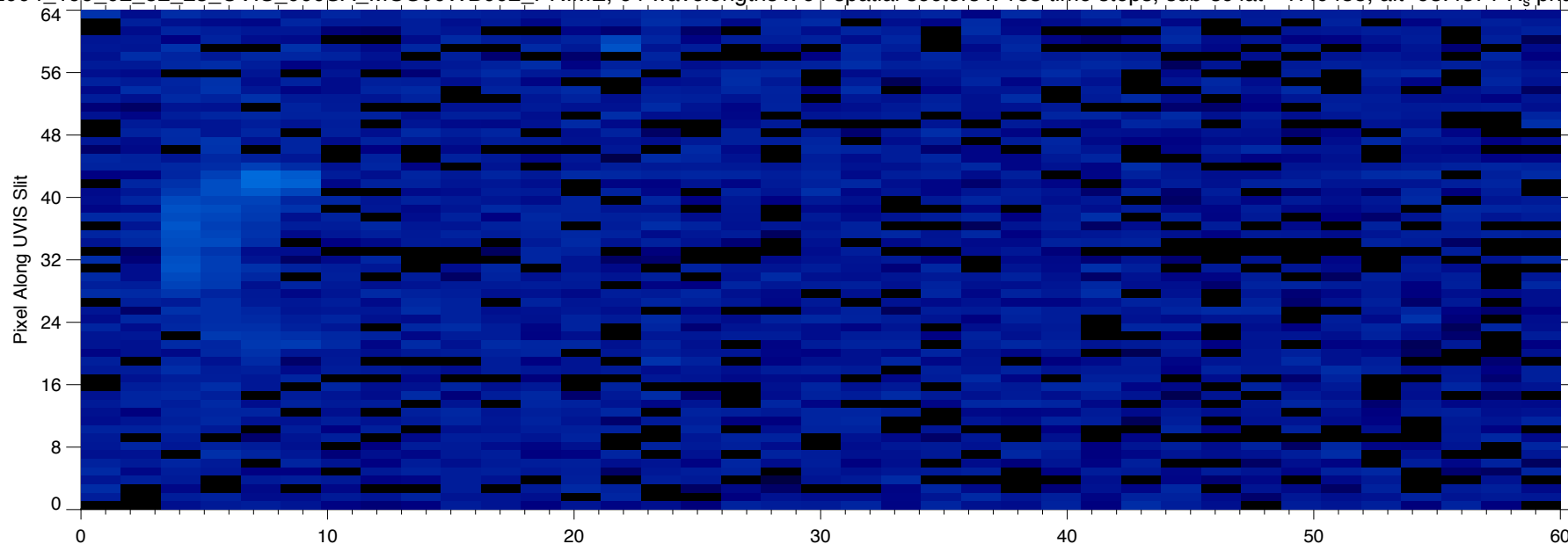
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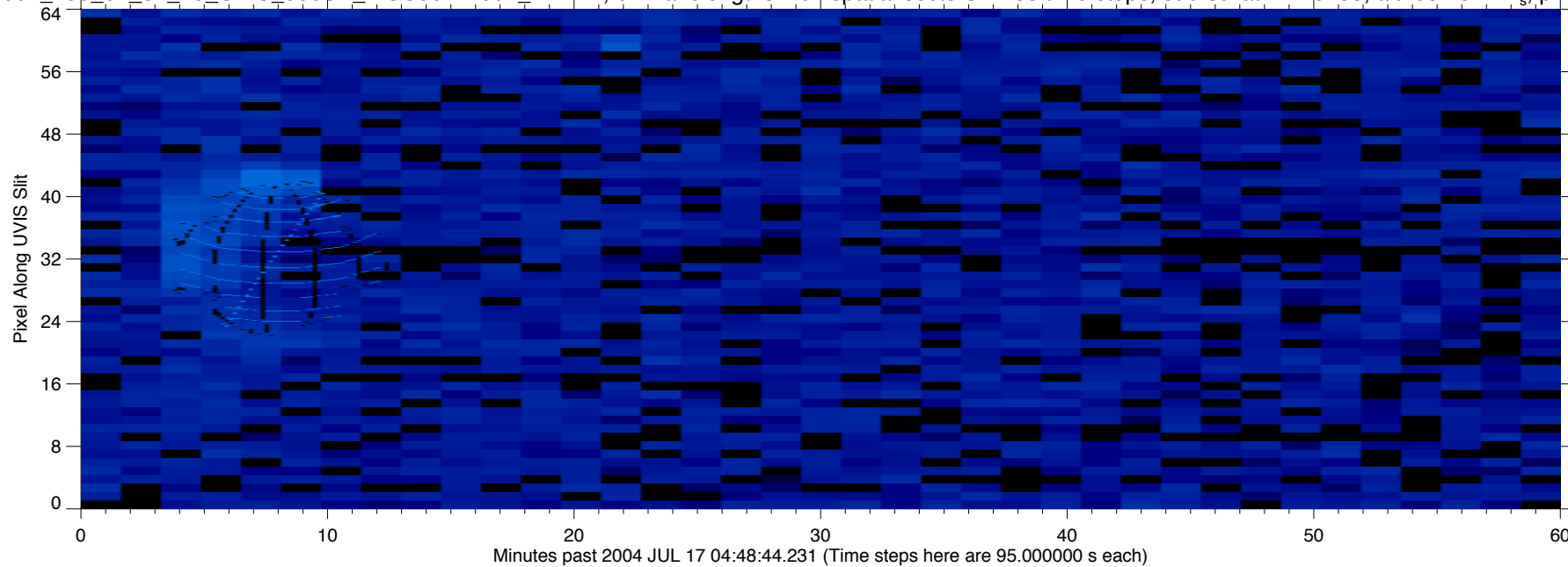
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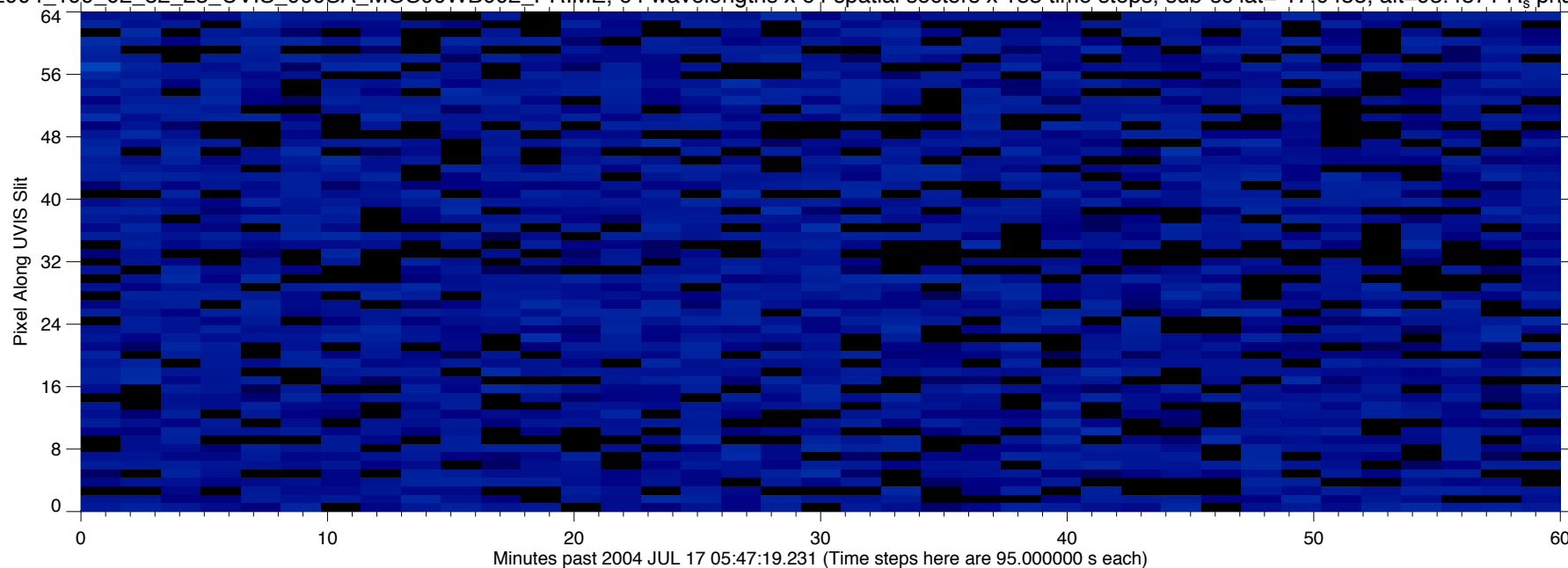
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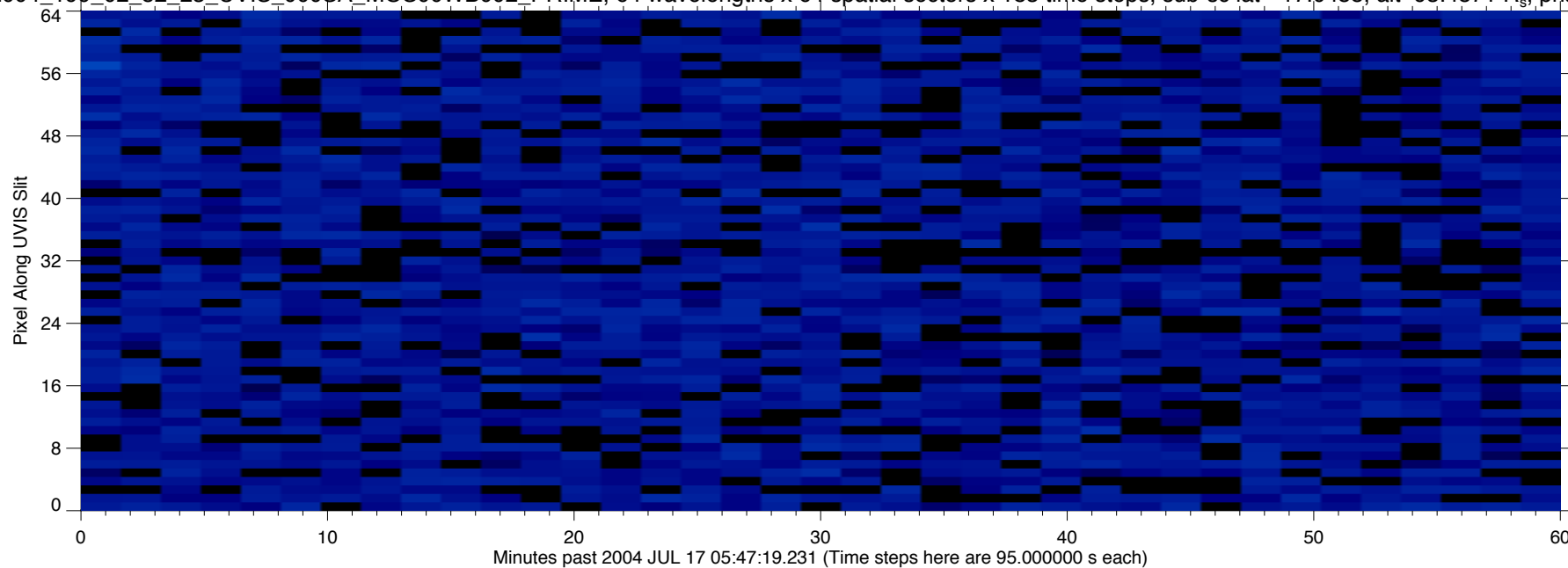
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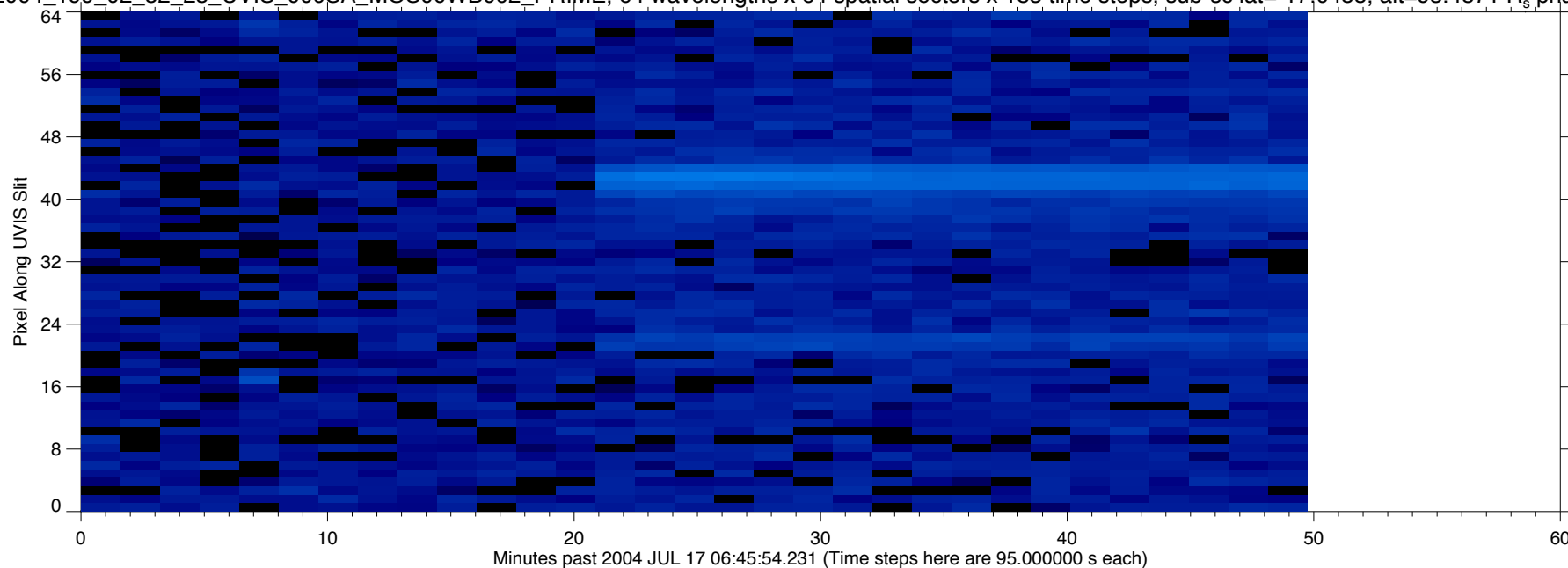
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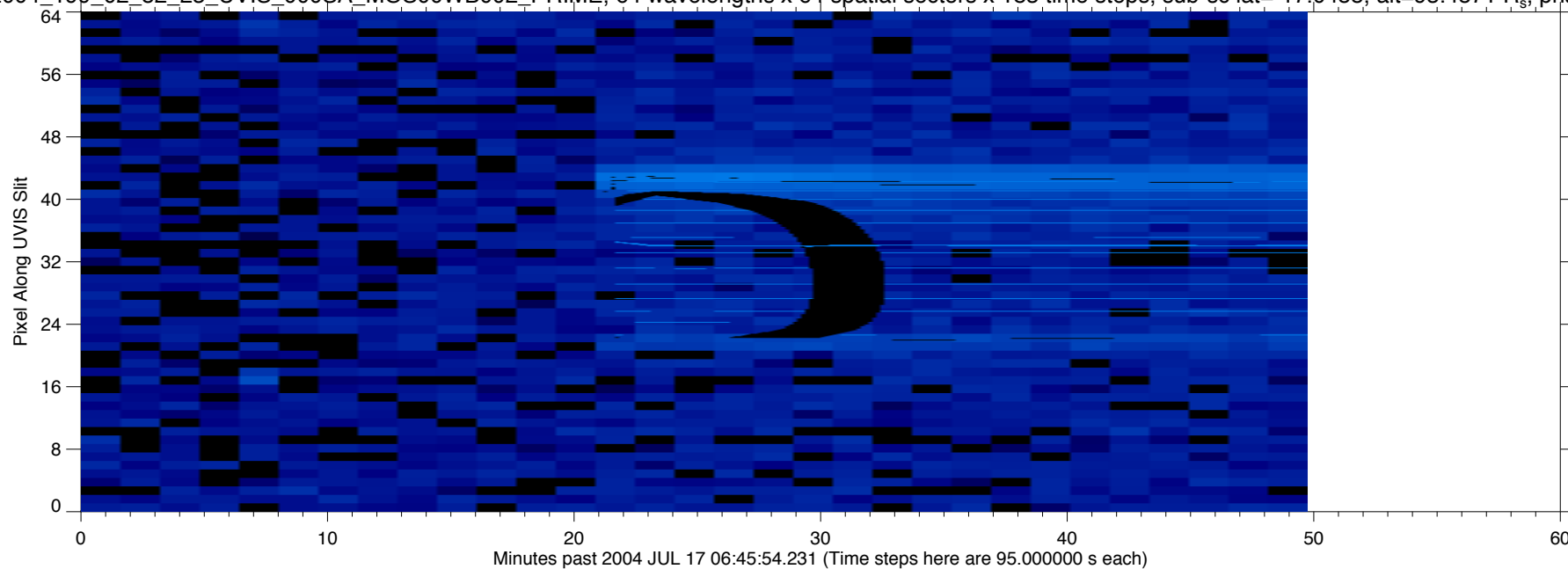
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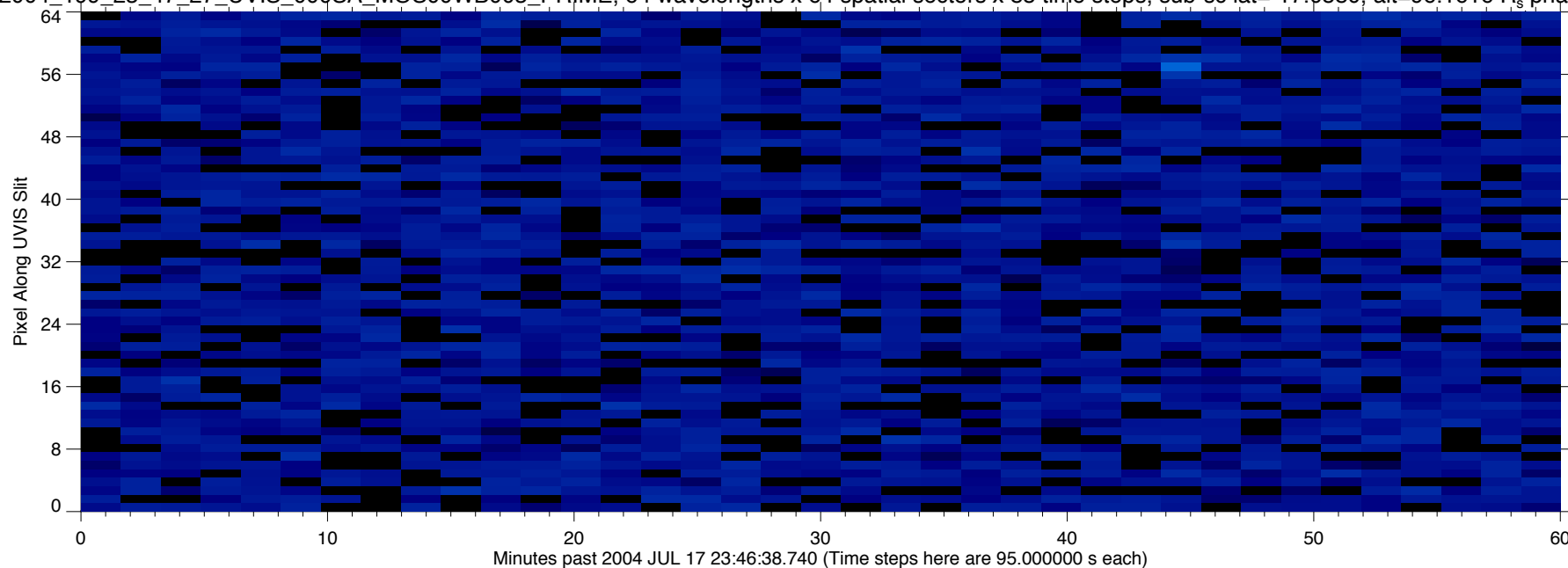
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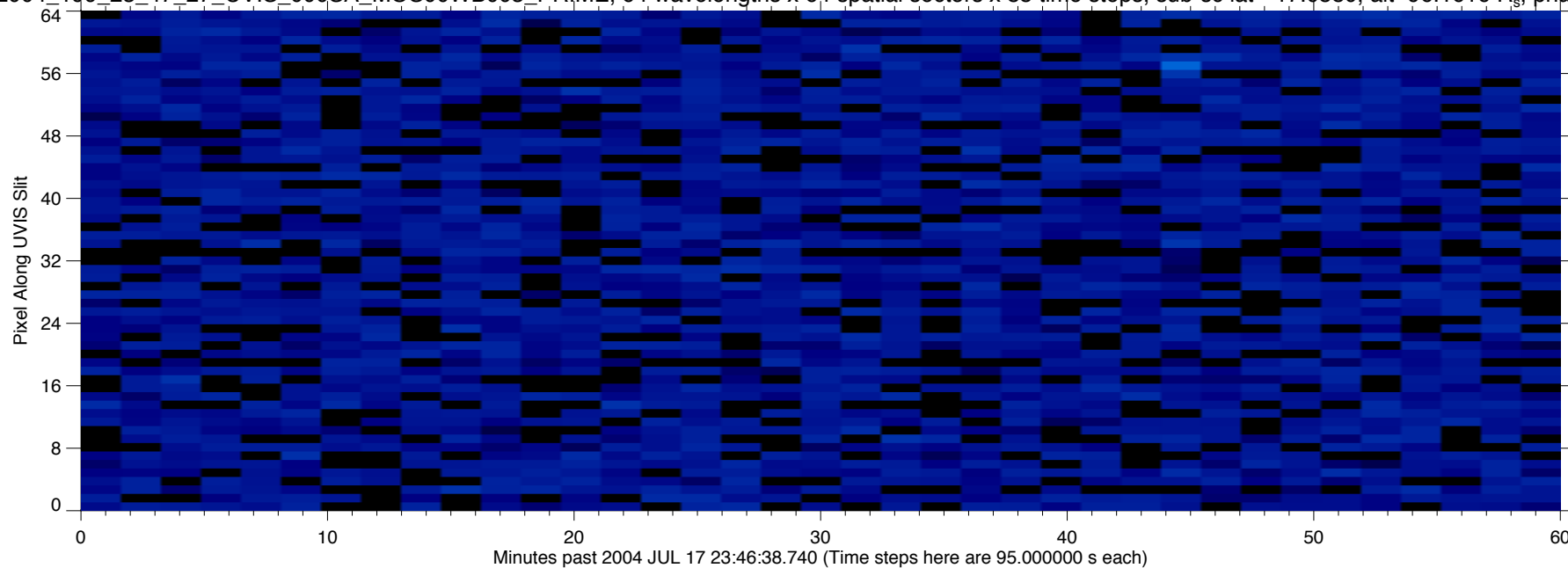
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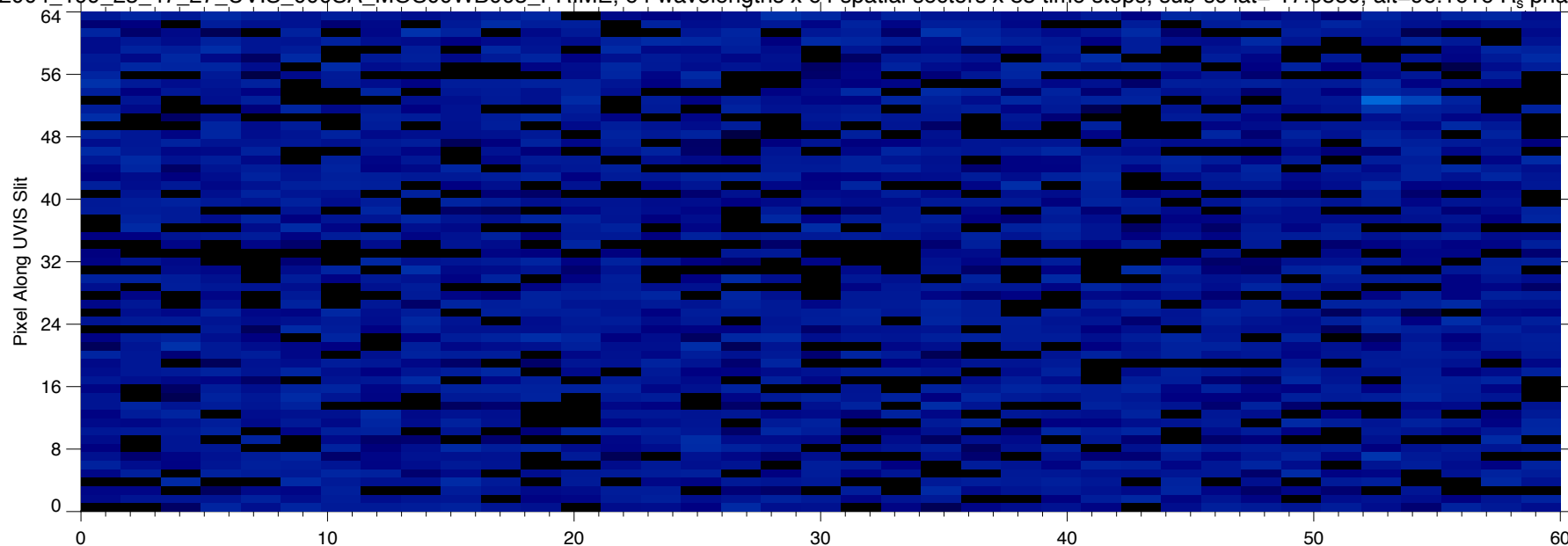
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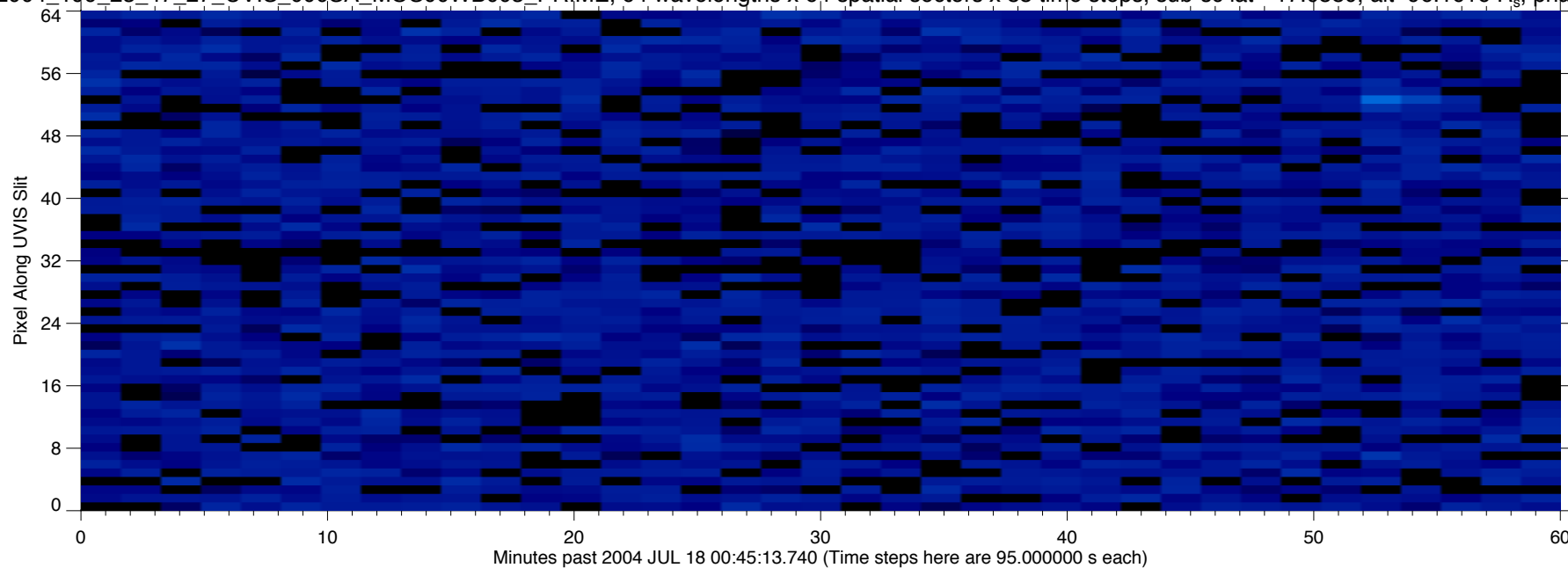
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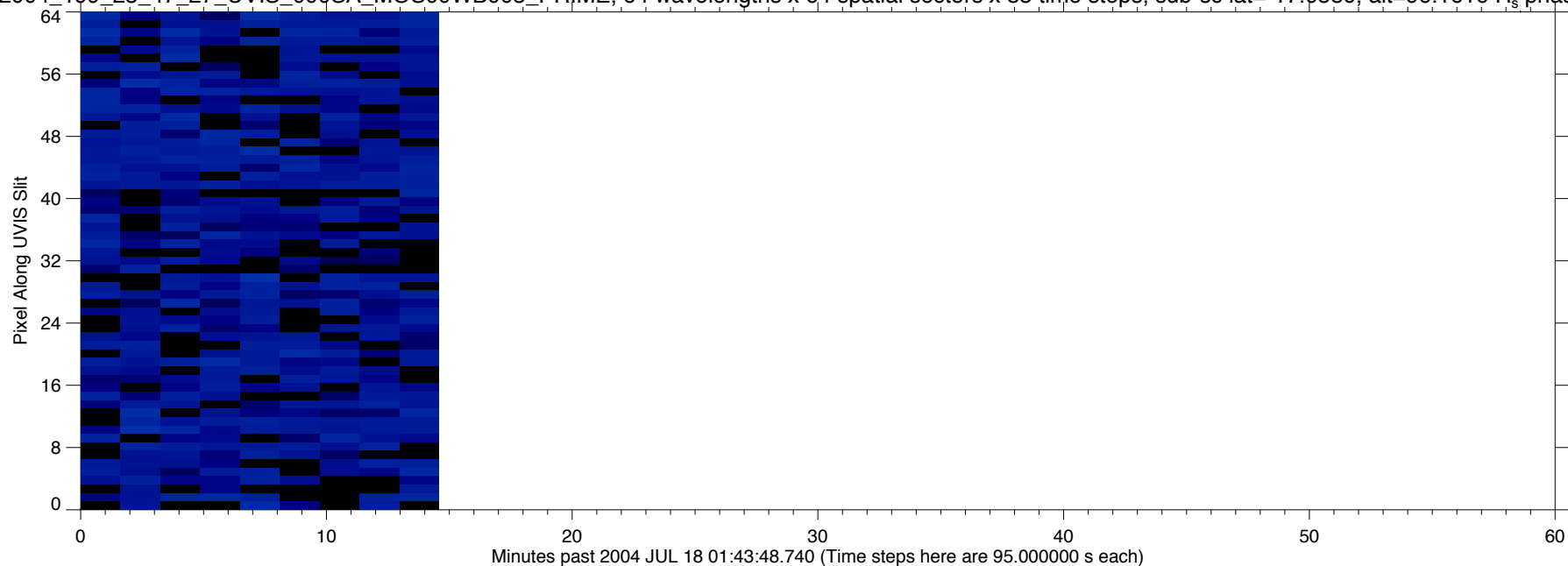
FUV2004_199_23_47_27_UVIS_000SA_MOS00WB003_PRIME, 64 wavelengths x 64 spatial sectors x 85 time steps, sub-sc lat=-17.0580, alt=96.1616 R_s, phase=93.1917



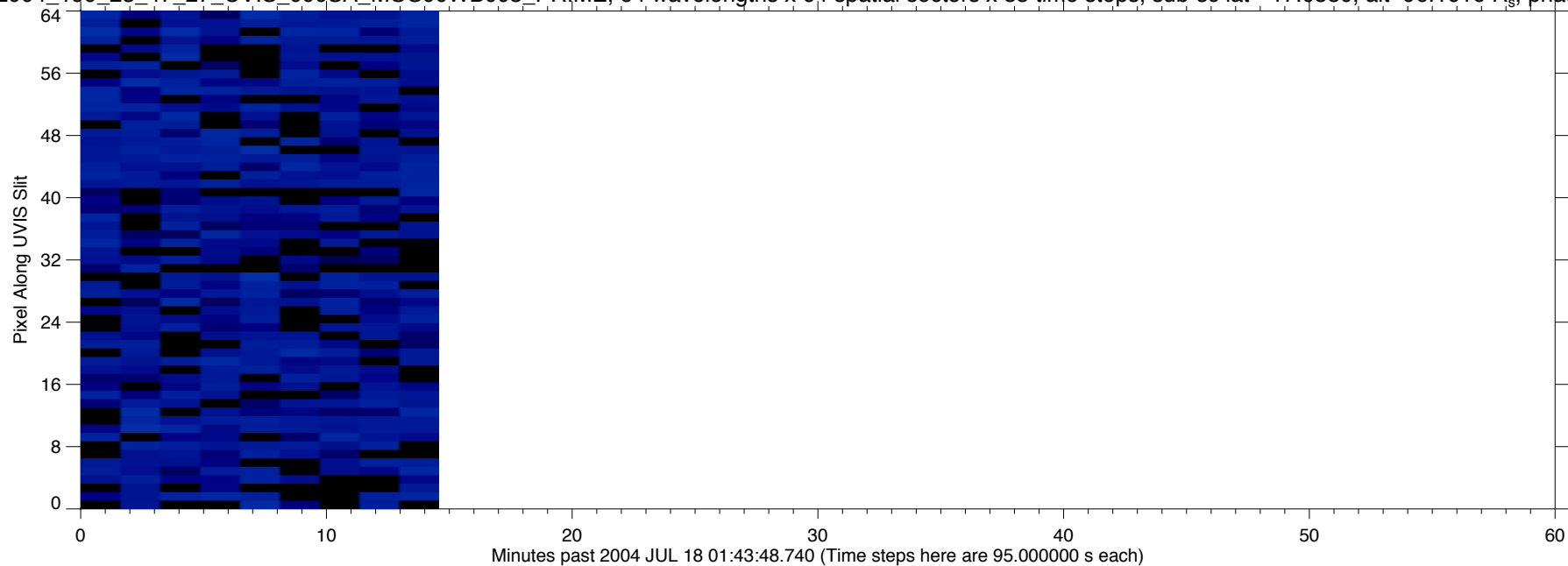
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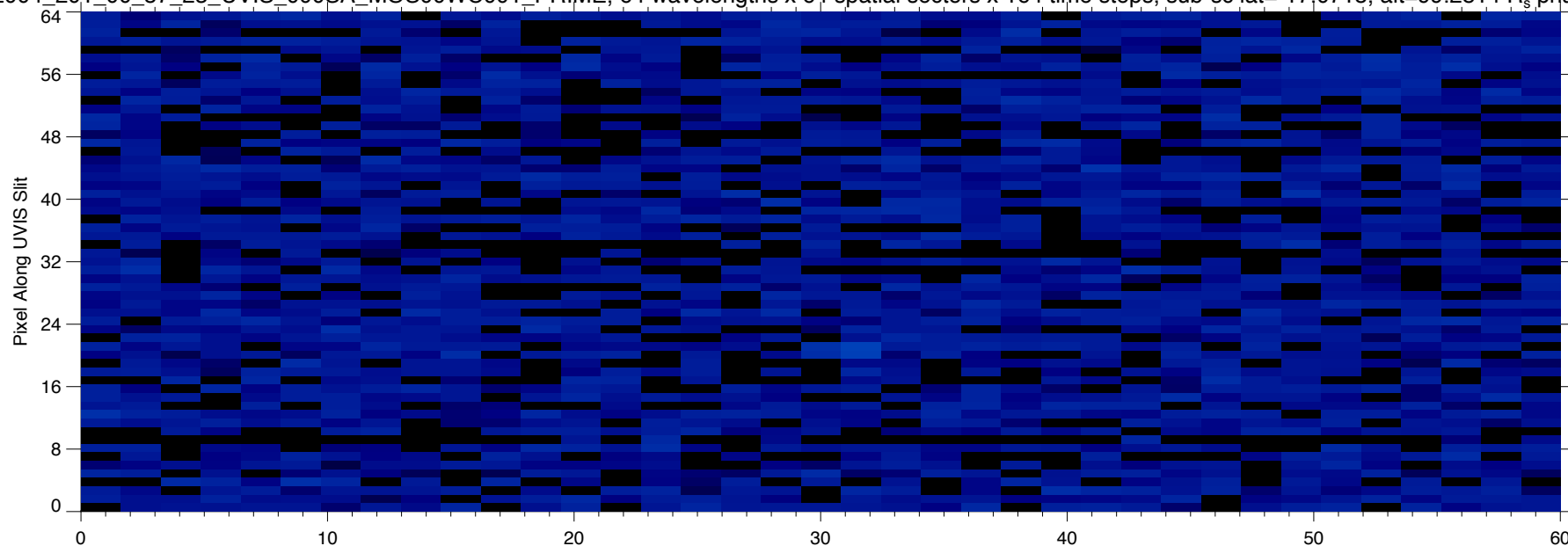
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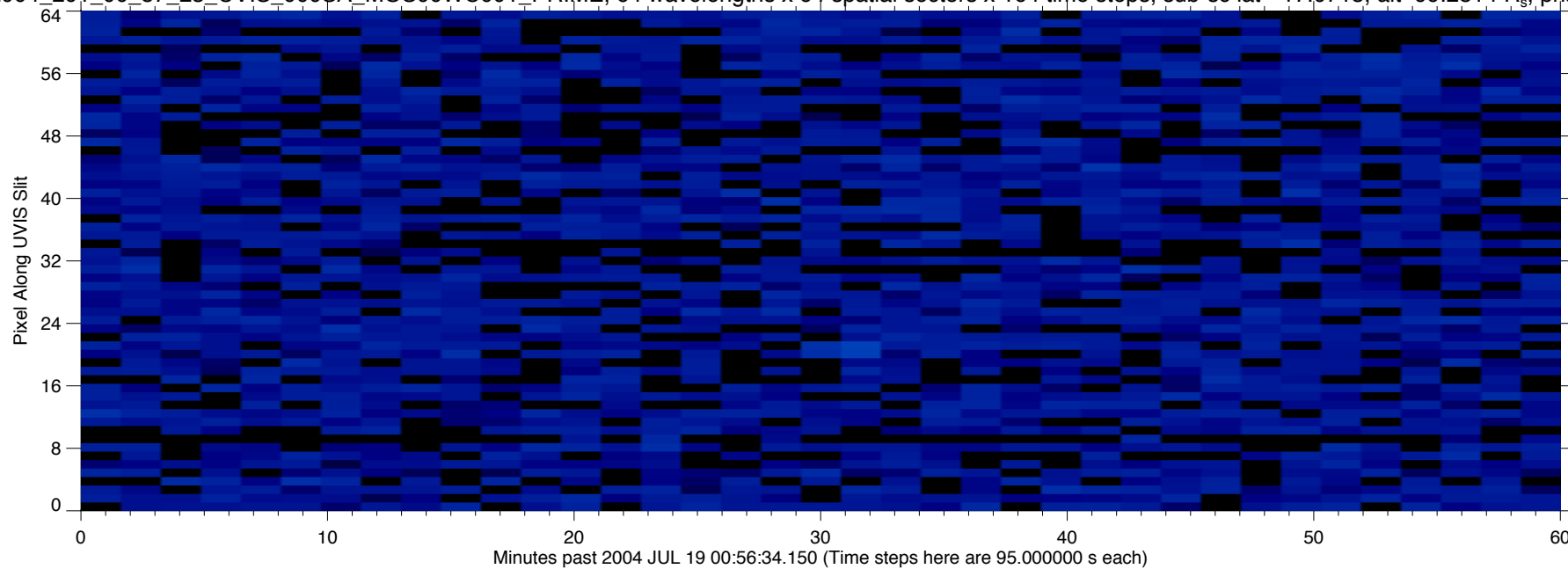
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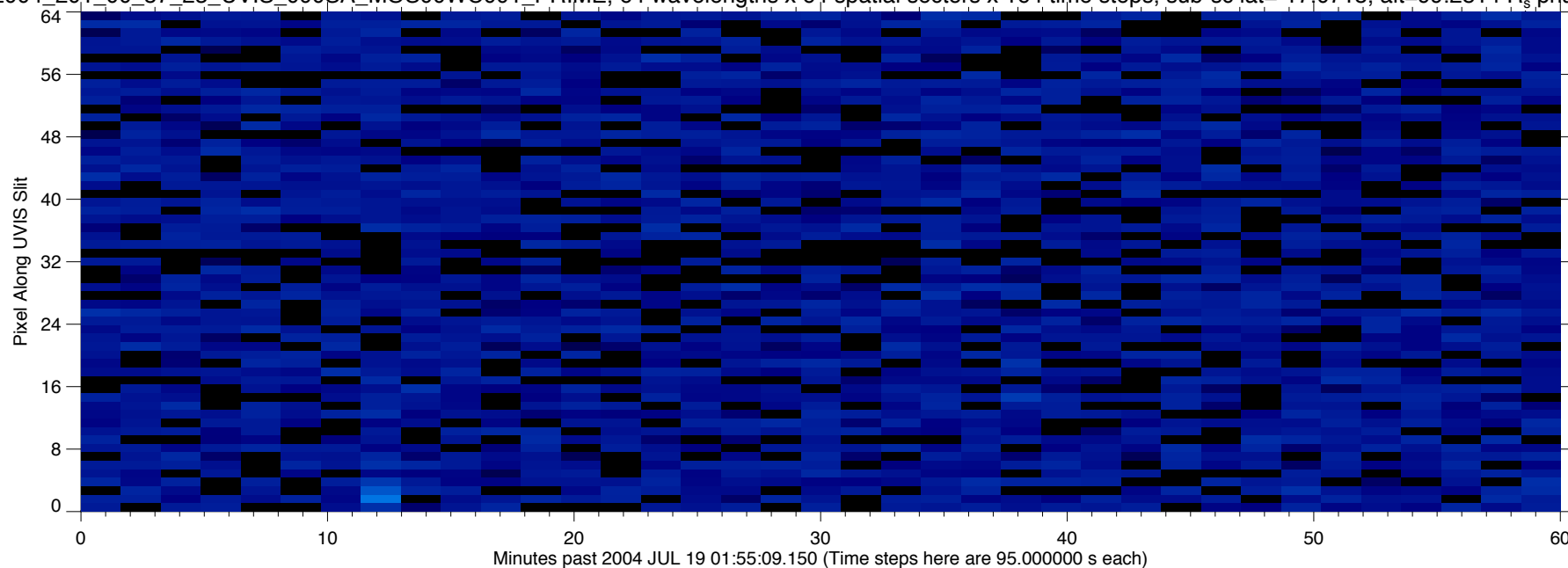
FUV2004_201_00_57_23_UVIS_000SA_MOS00WC001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.0715, alt=99.2814 R_s, phase=92.9016



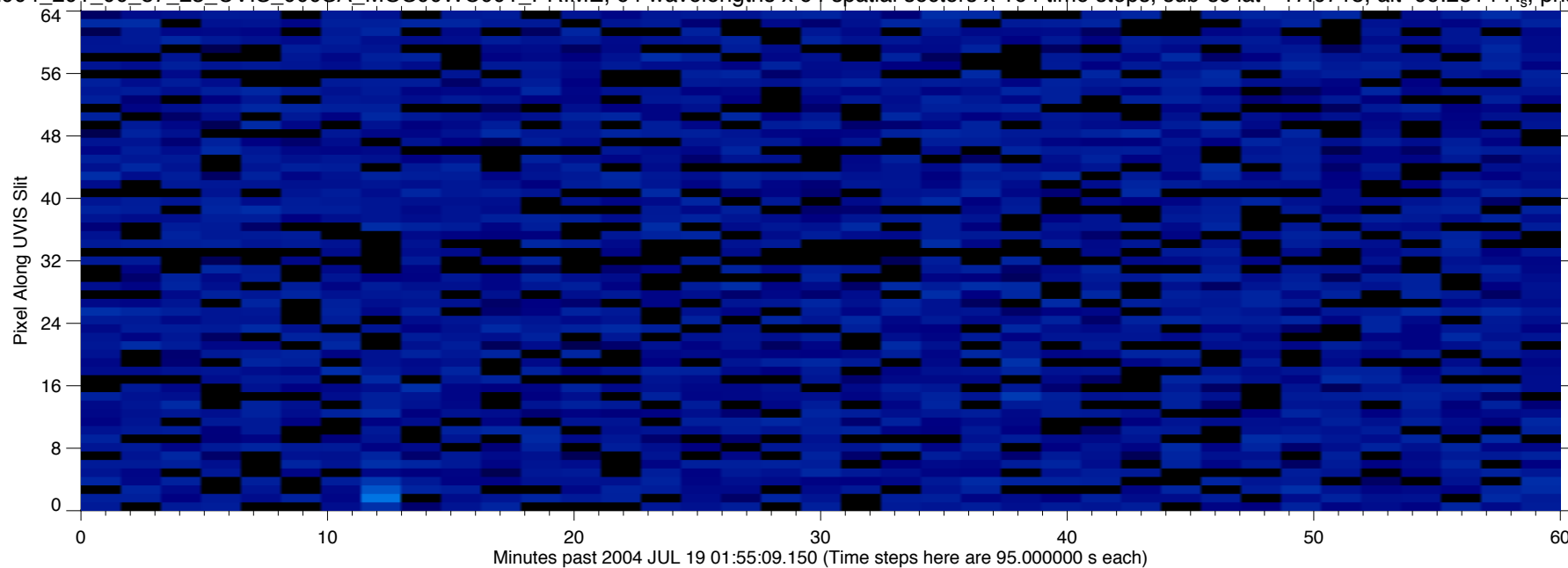
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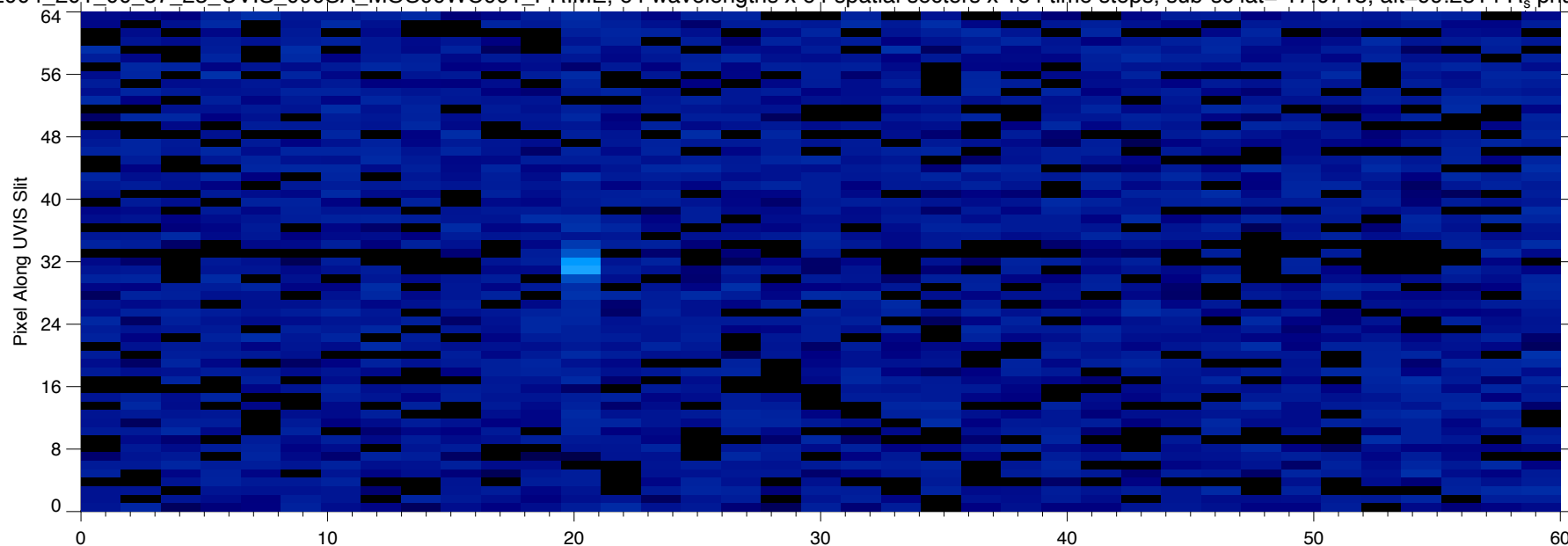
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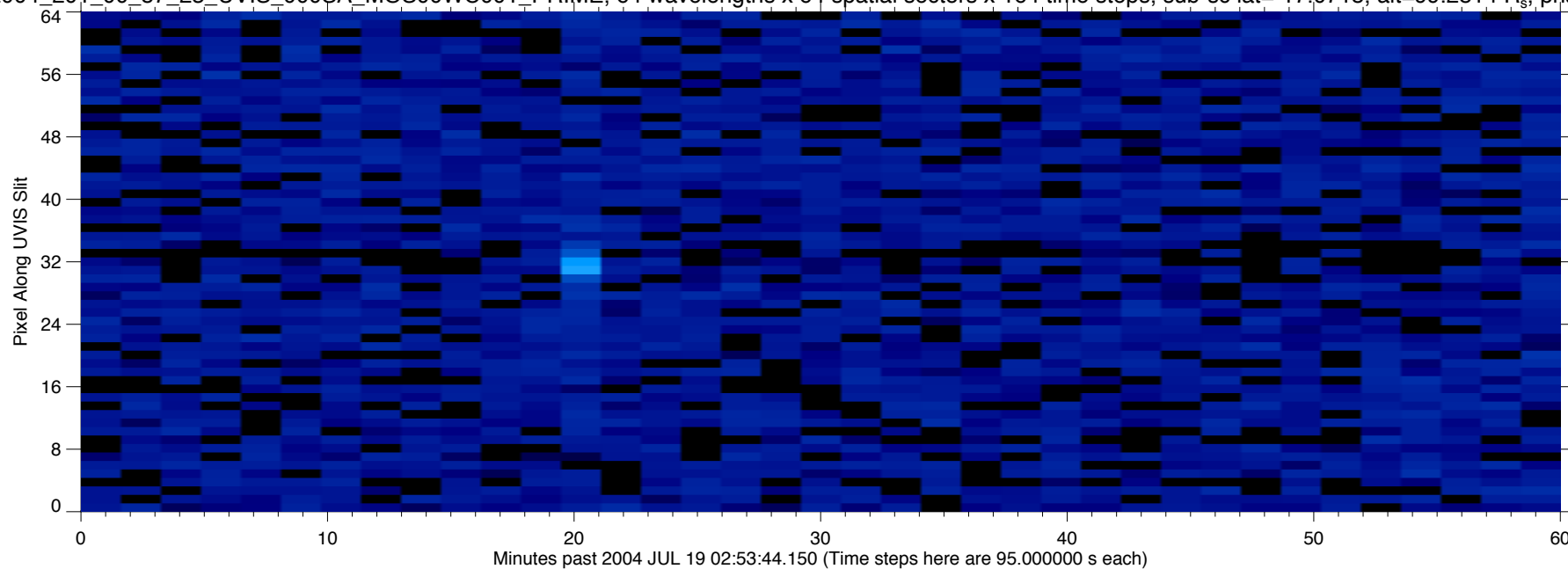
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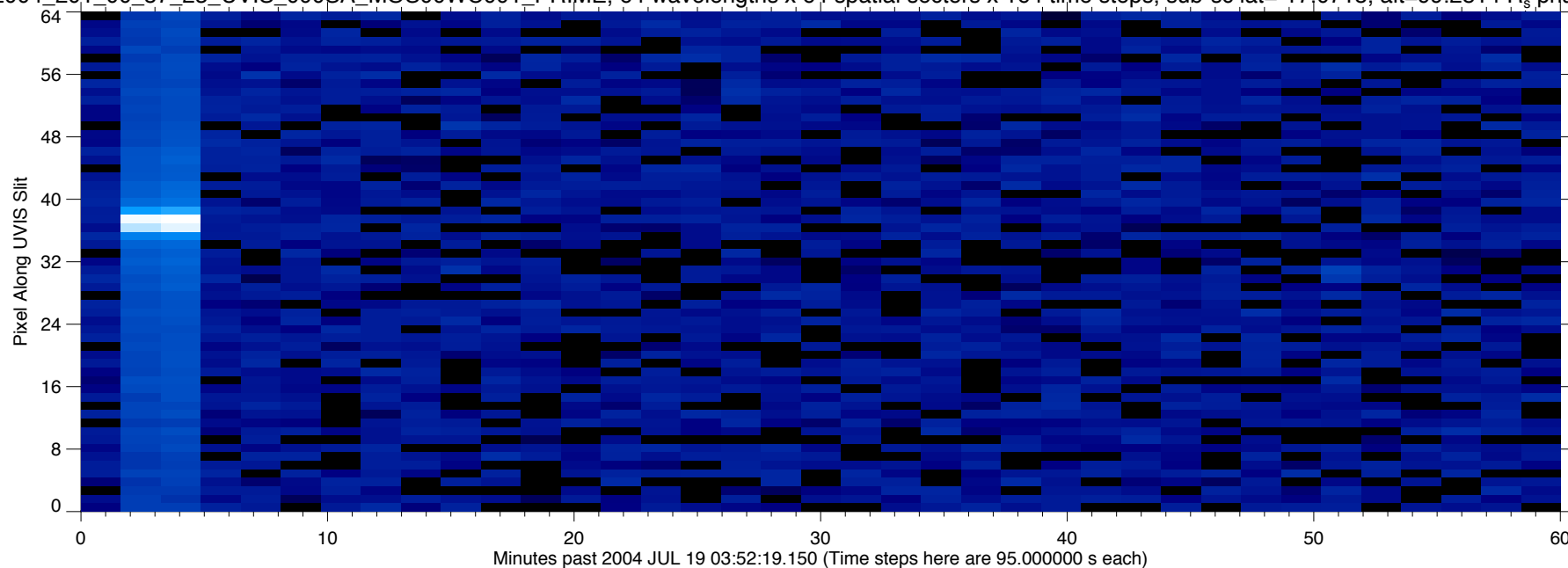
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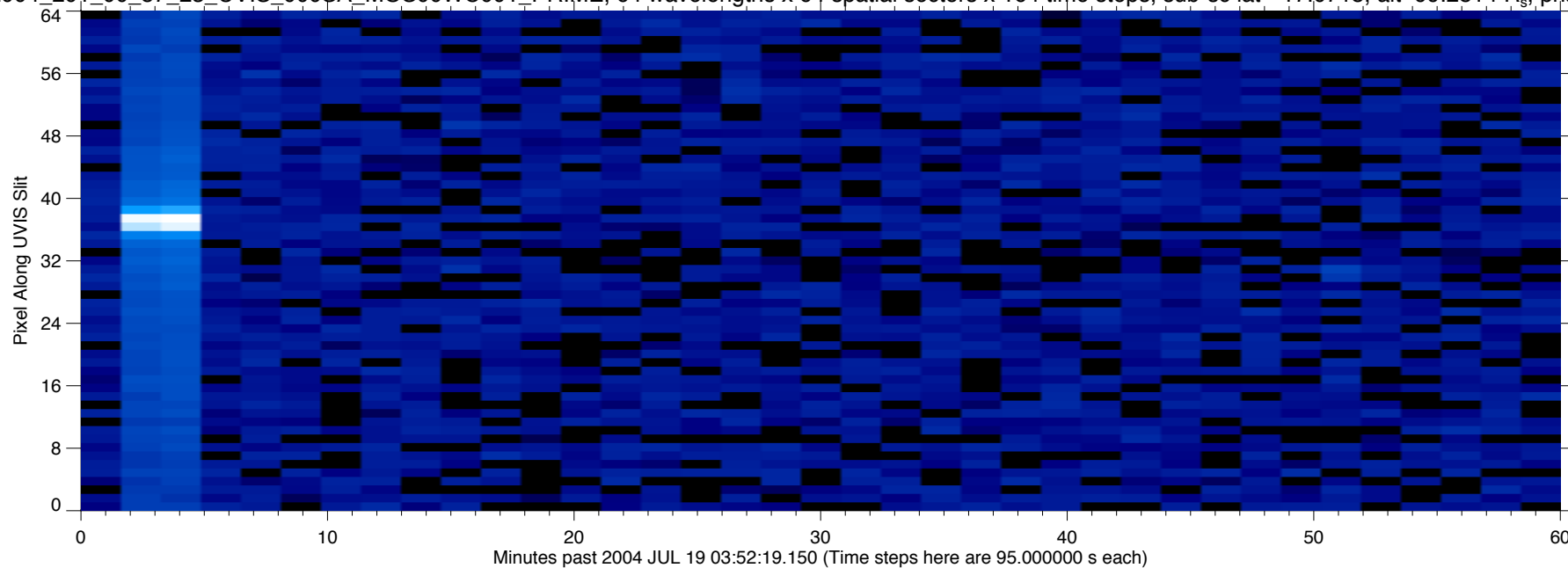
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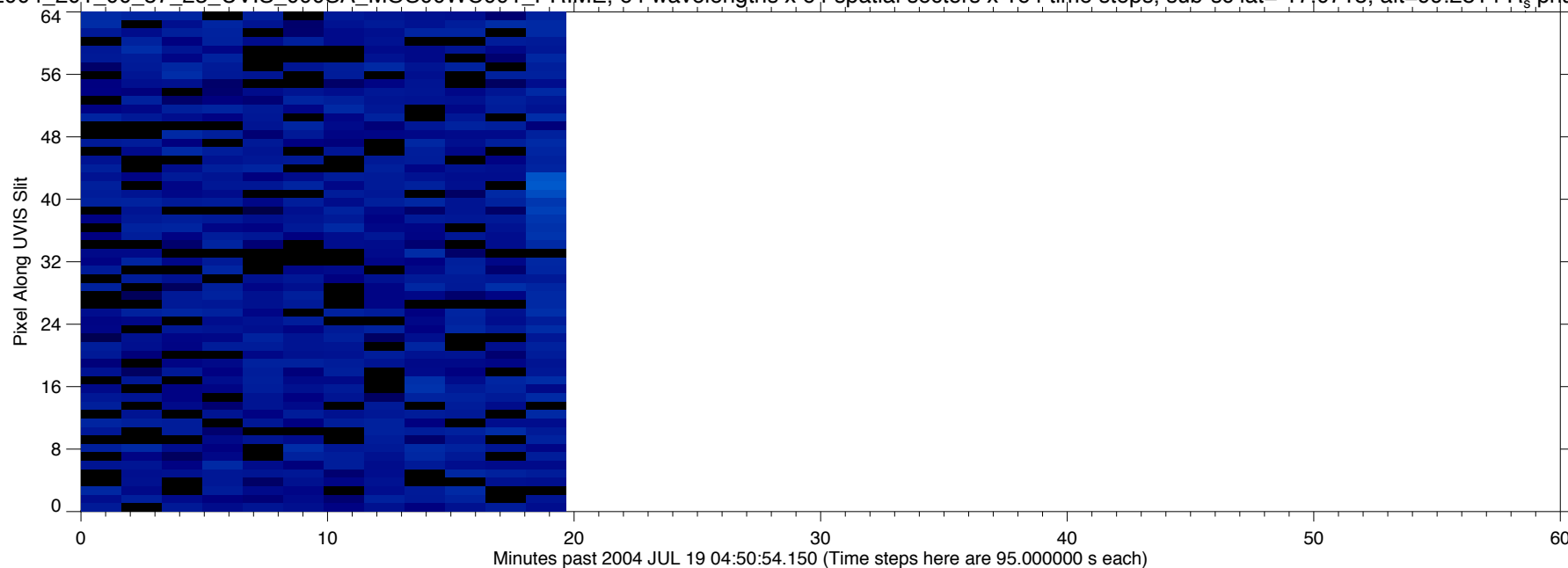
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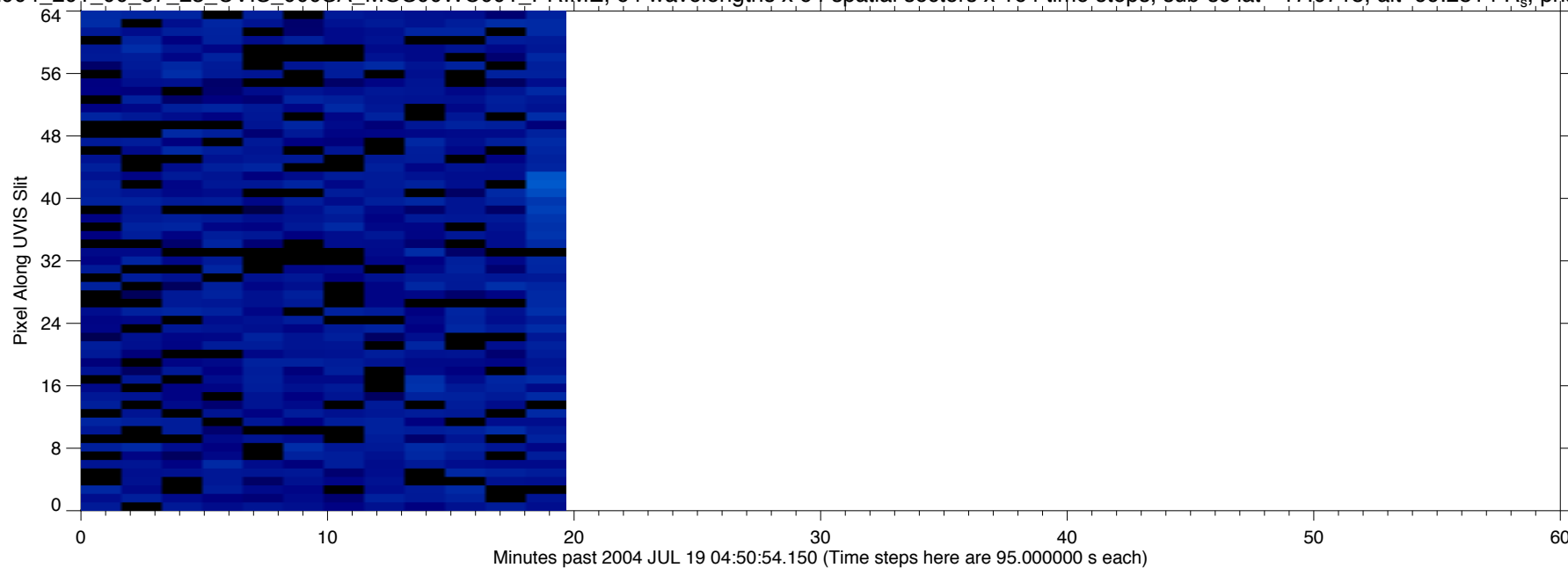
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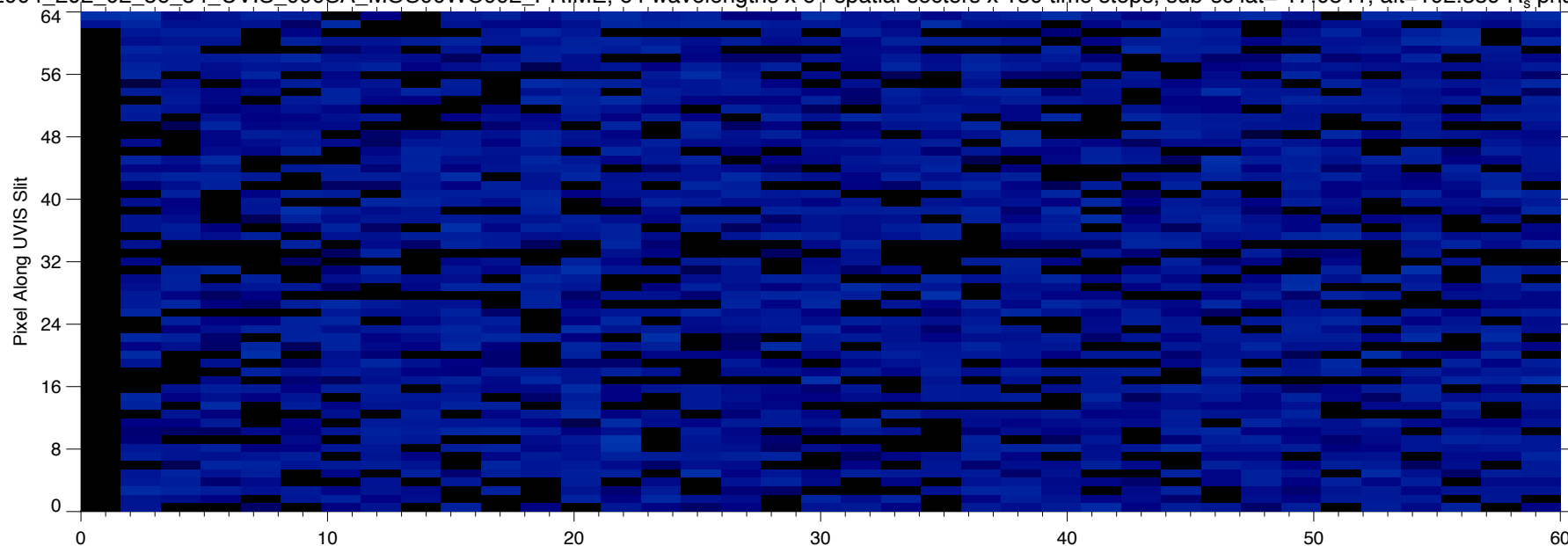
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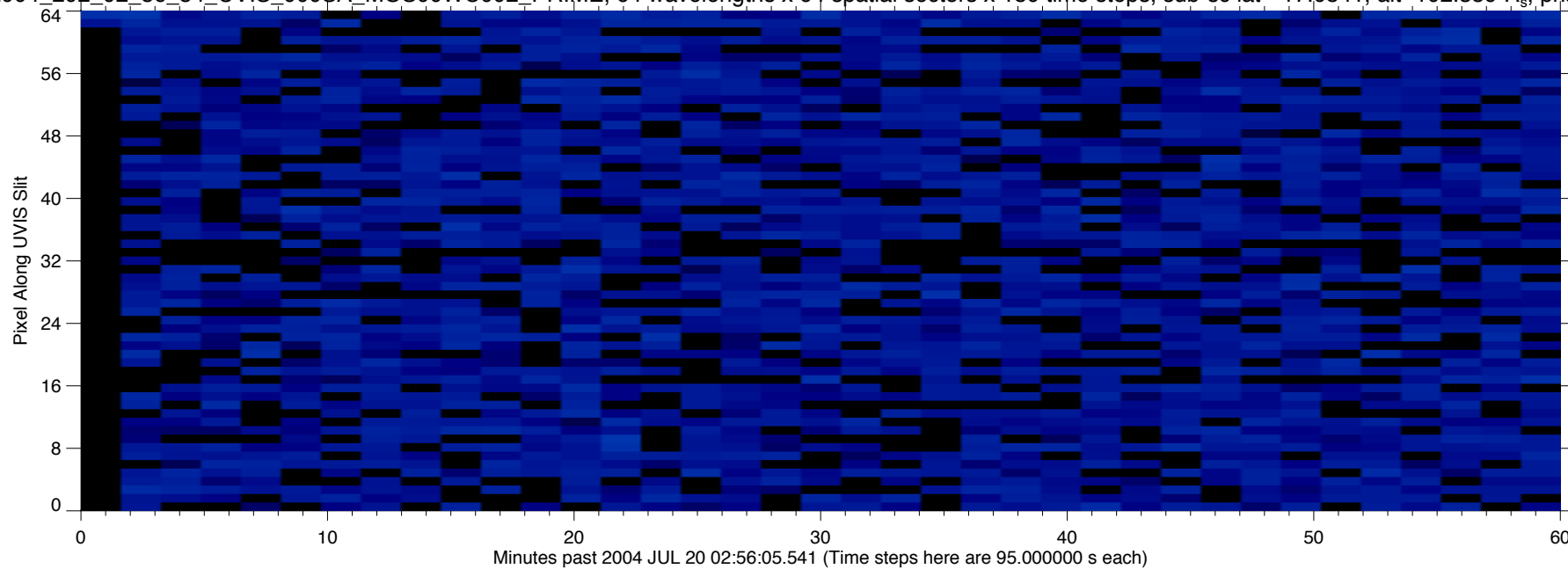
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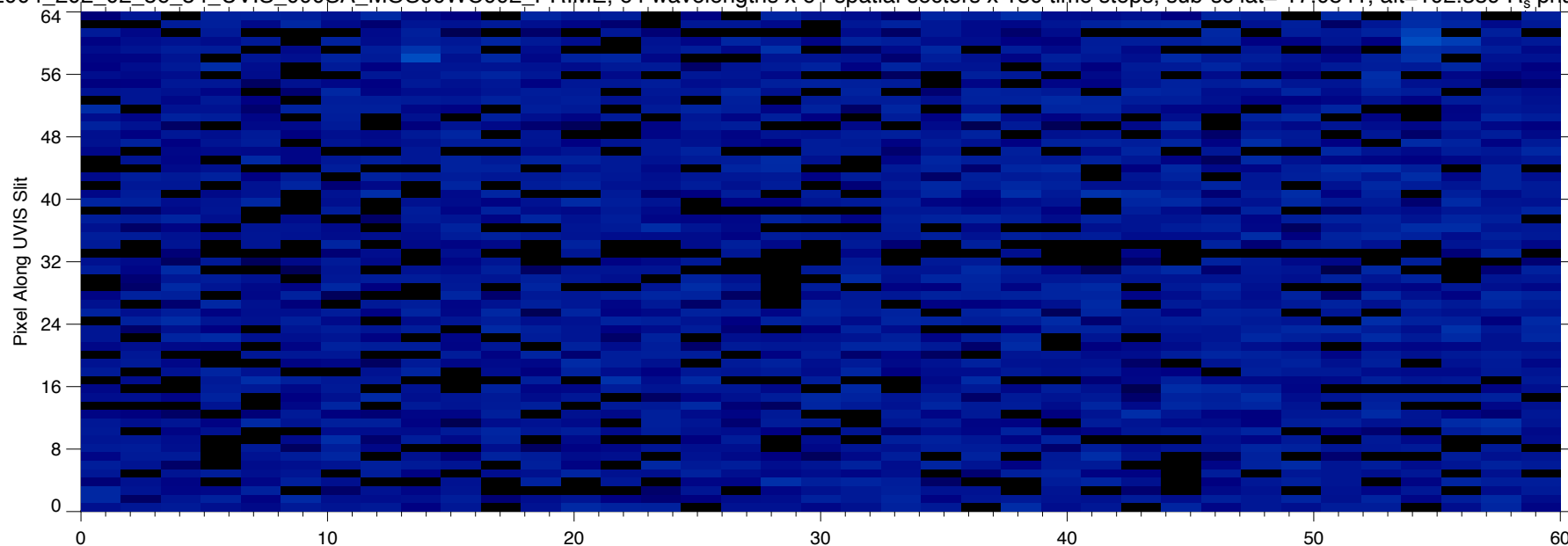
FUV2004_202_02_56_54_UVIS_000SA_MOS00WC002_PRIME, 64 wavelengths x 64 spatial sectors x 180 time steps, sub-sc lat=-17.0841, alt=102.359 R_s, phase=92.6222



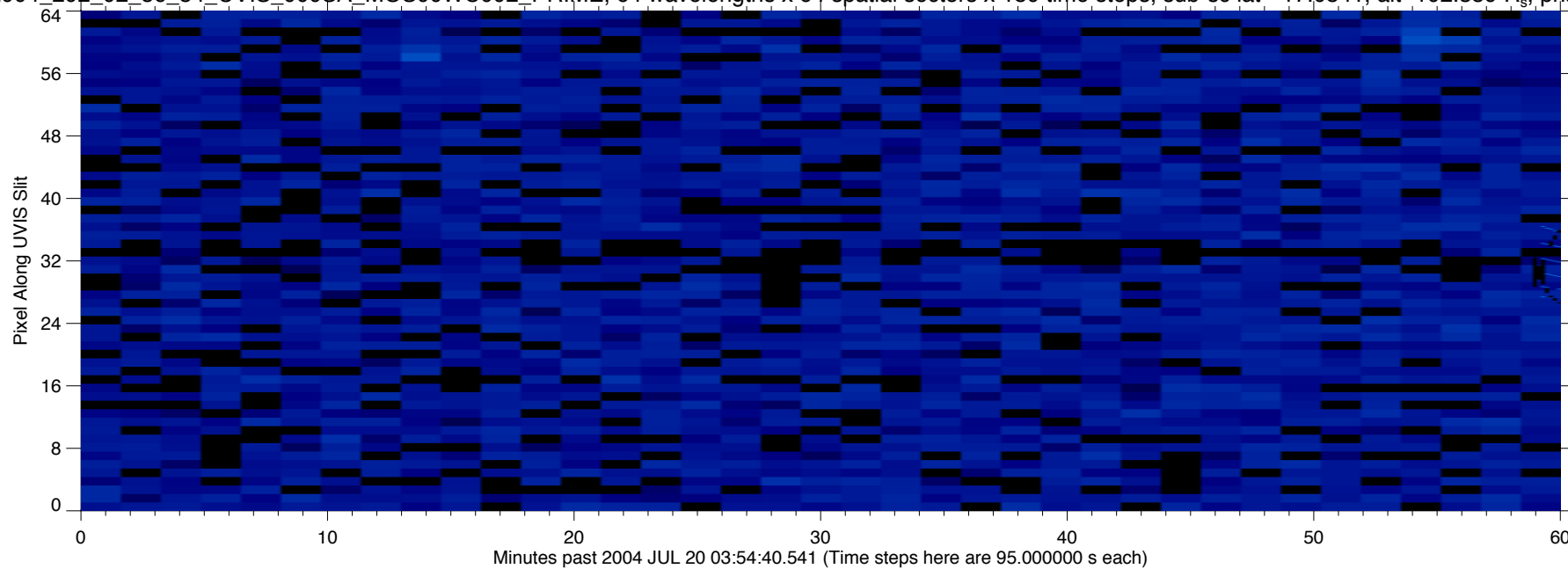
FUV2004_202_02_56_54_UVIS_000SA_MOS00WC002_PRIME, 64 wavelengths x 64 spatial sectors x 180 time steps, sub-sc lat=-17.0841, alt=102.359 R_s, phase=92.6222



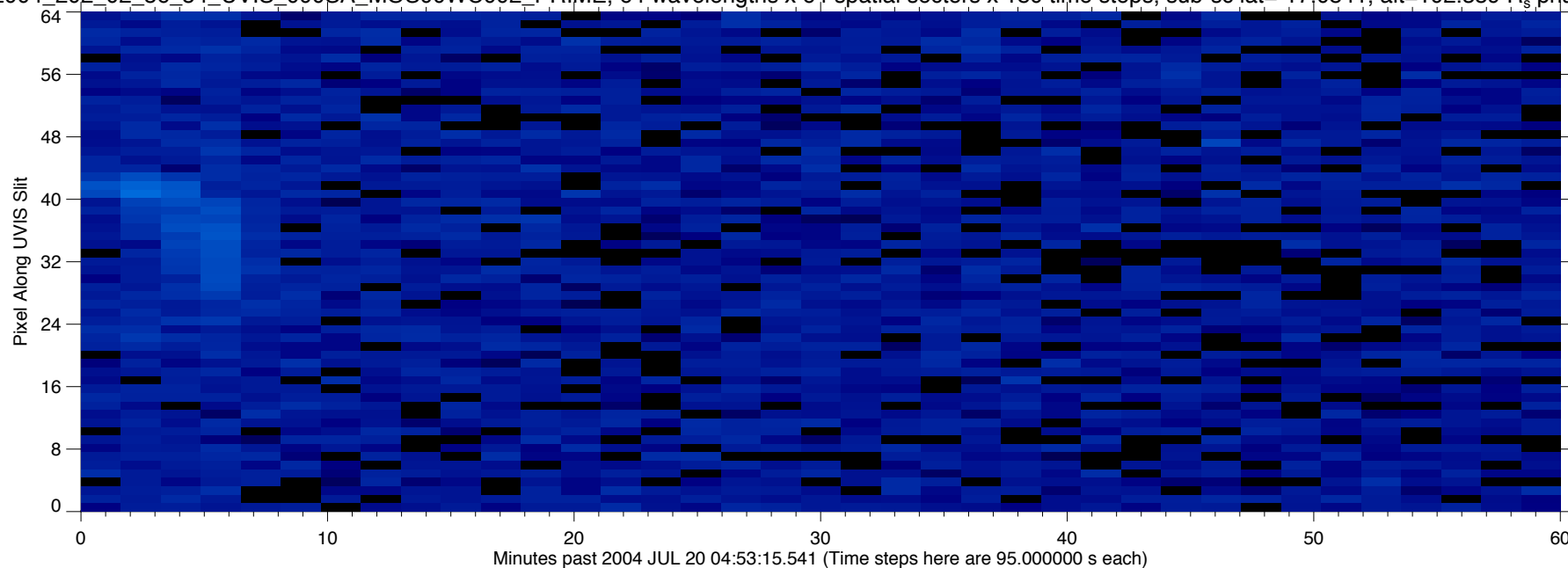
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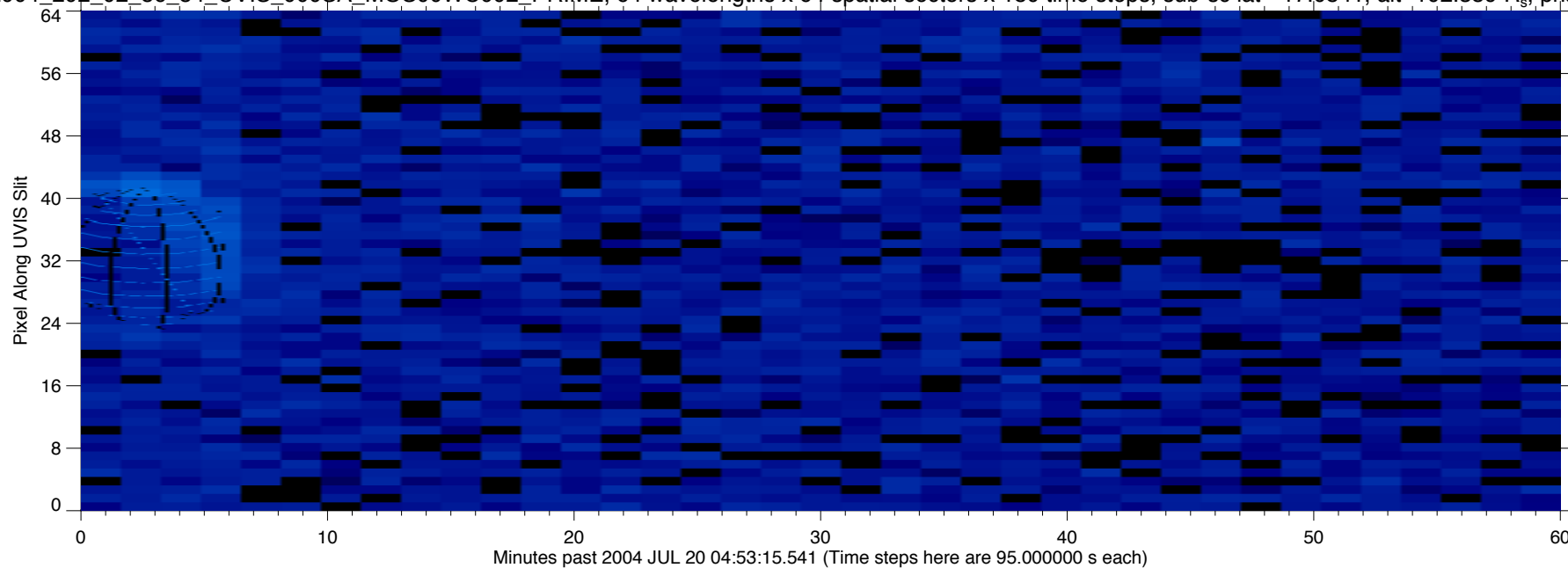
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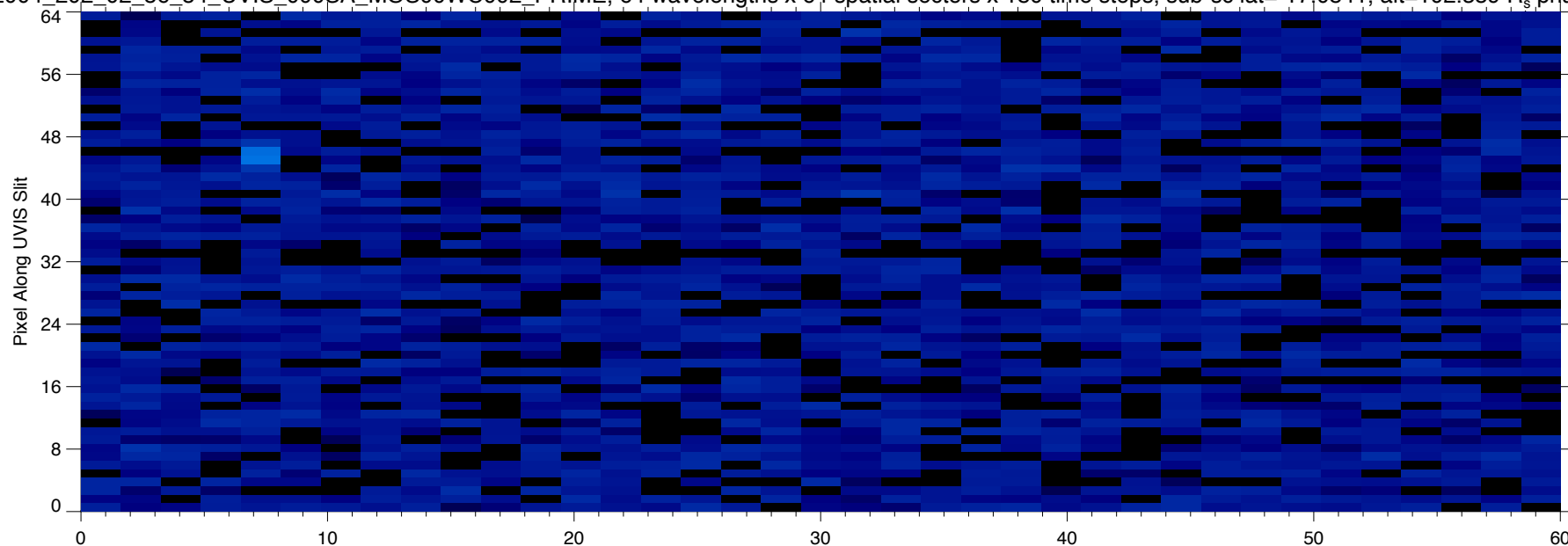
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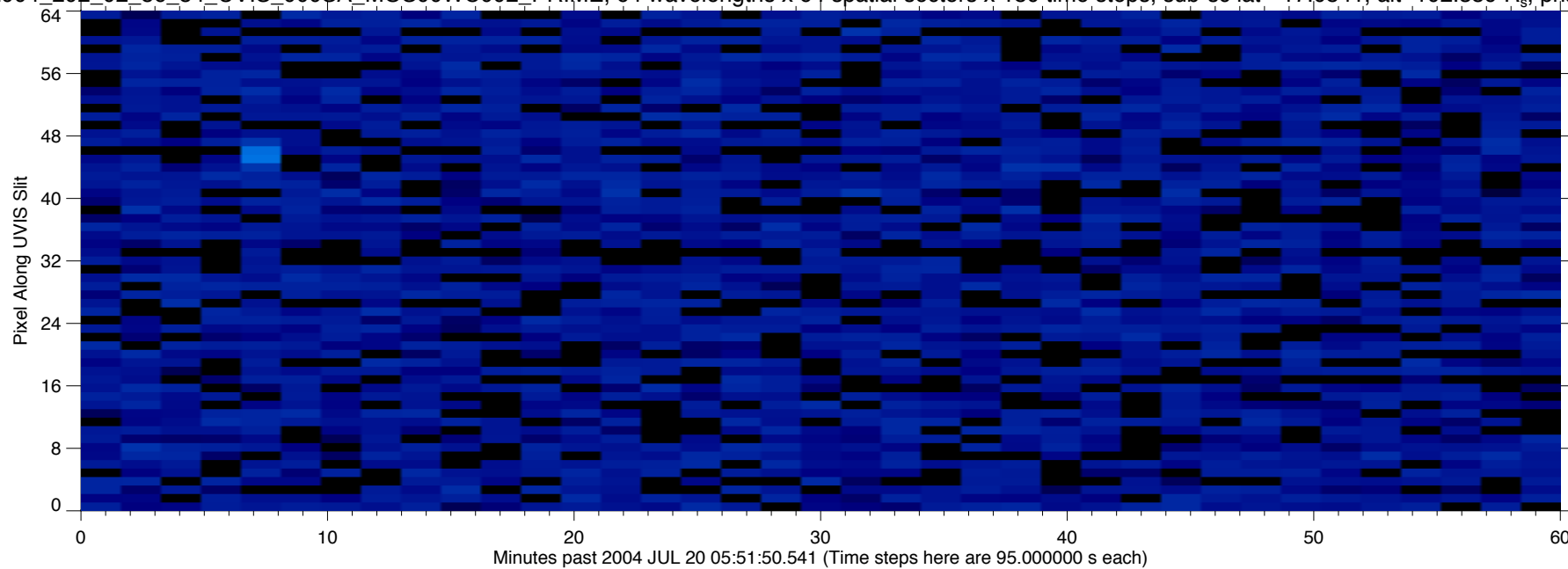
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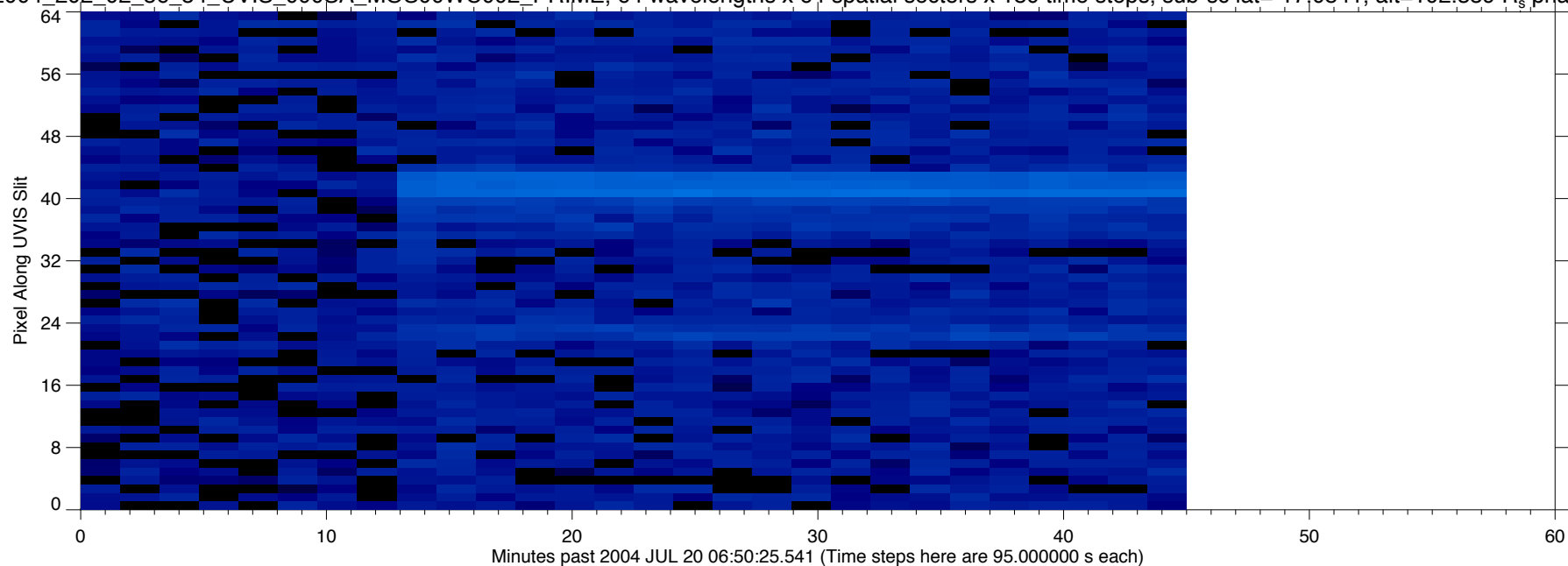
FUV2004_202_02_56_54_UVIS_000SA_MOS00WC002_PRIME, 64 wavelengths x 64 spatial sectors x 180 time steps, sub-sc lat=-17.0841, alt=102.359 R_s, phase=92.6222



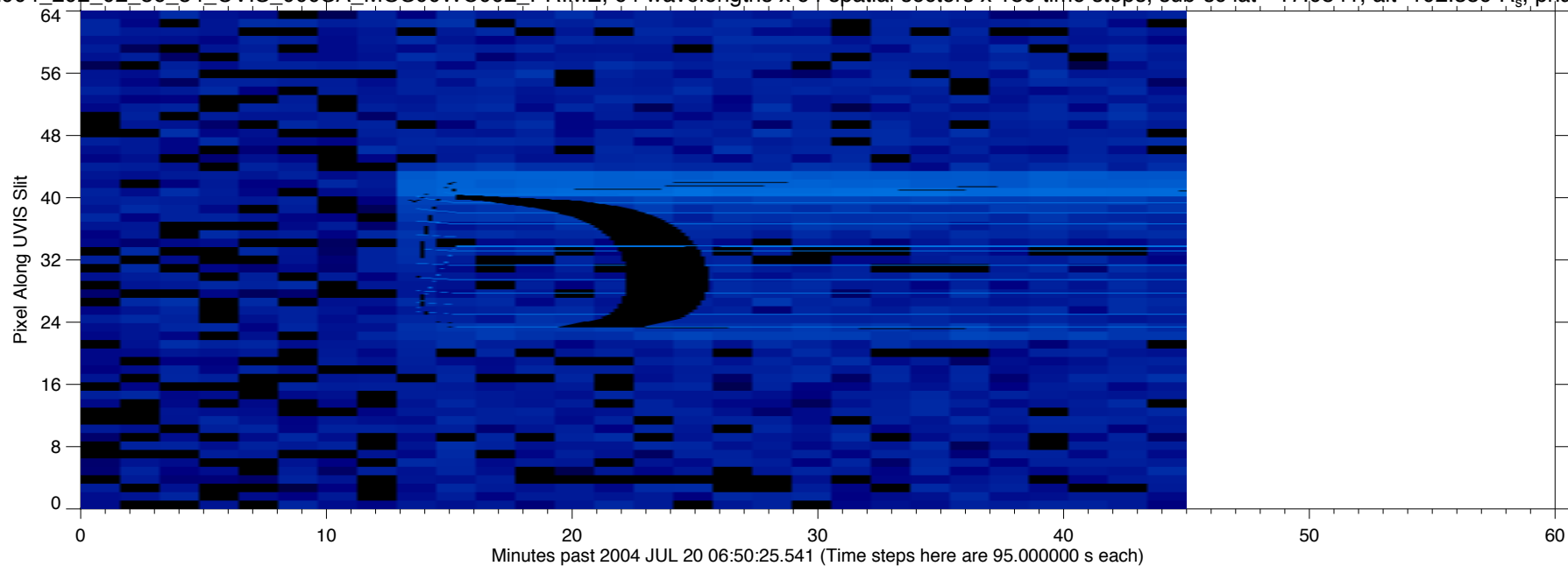
FUV2004_202_02_56_54_UVIS_000SA_MOS00WC002_PRIME, 64 wavelengths x 64 spatial sectors x 180 time steps, sub-sc lat=-17.0841, alt=102.359 R_s, phase=92.6222



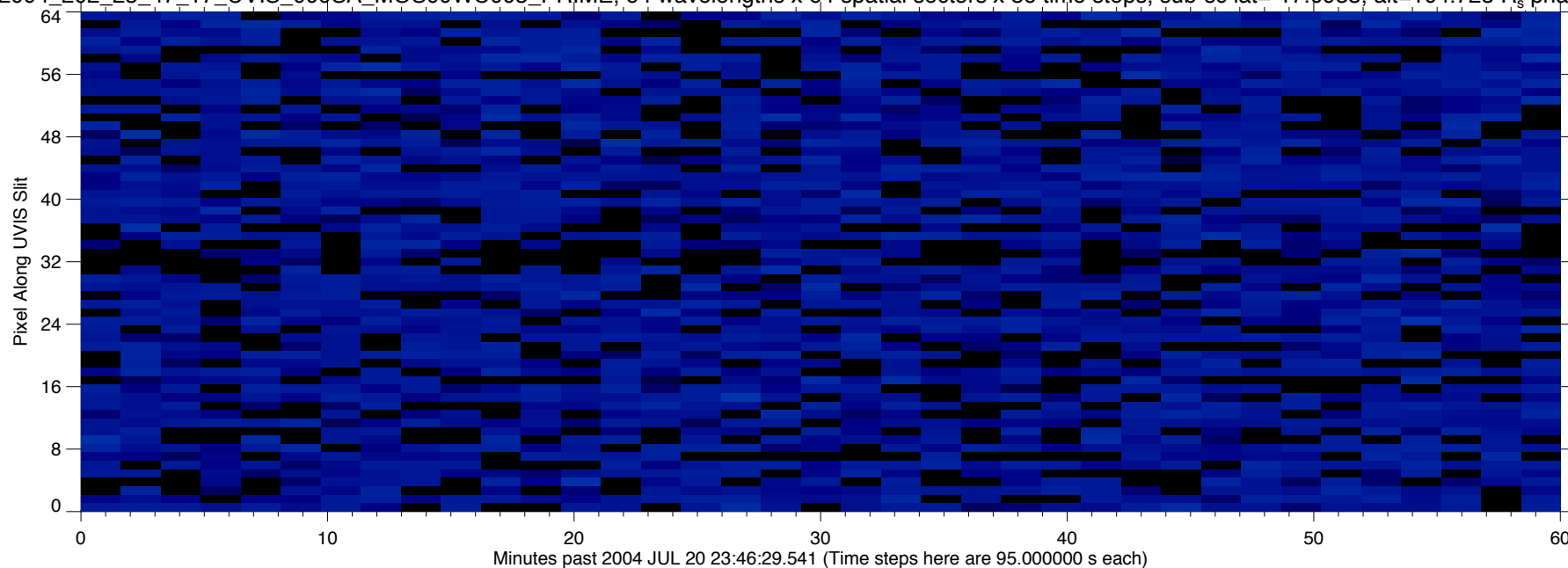
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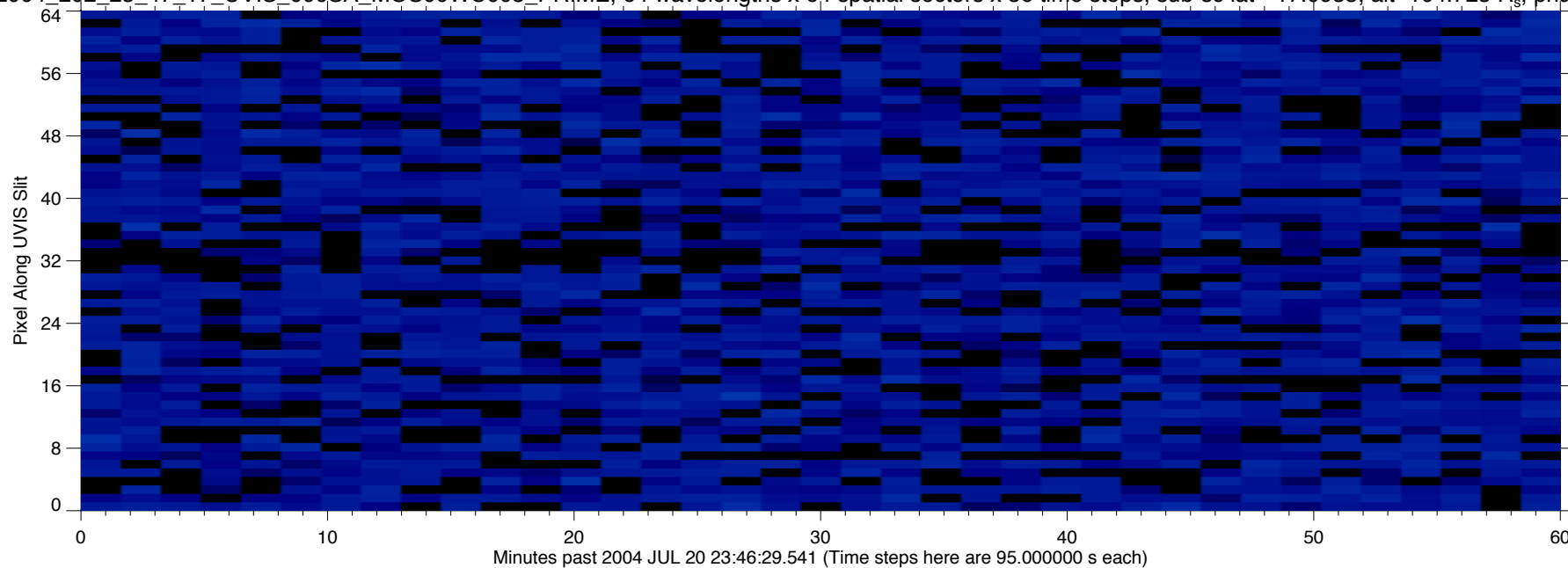
FUV2004_202_02_56_54_UVIS_000SA_MOS00WC002_PRIME, 64 wavelengths x 64 spatial sectors x 180 time steps, sub-sc lat=-17.0841, alt=102.359 R_s, phase=92.6222



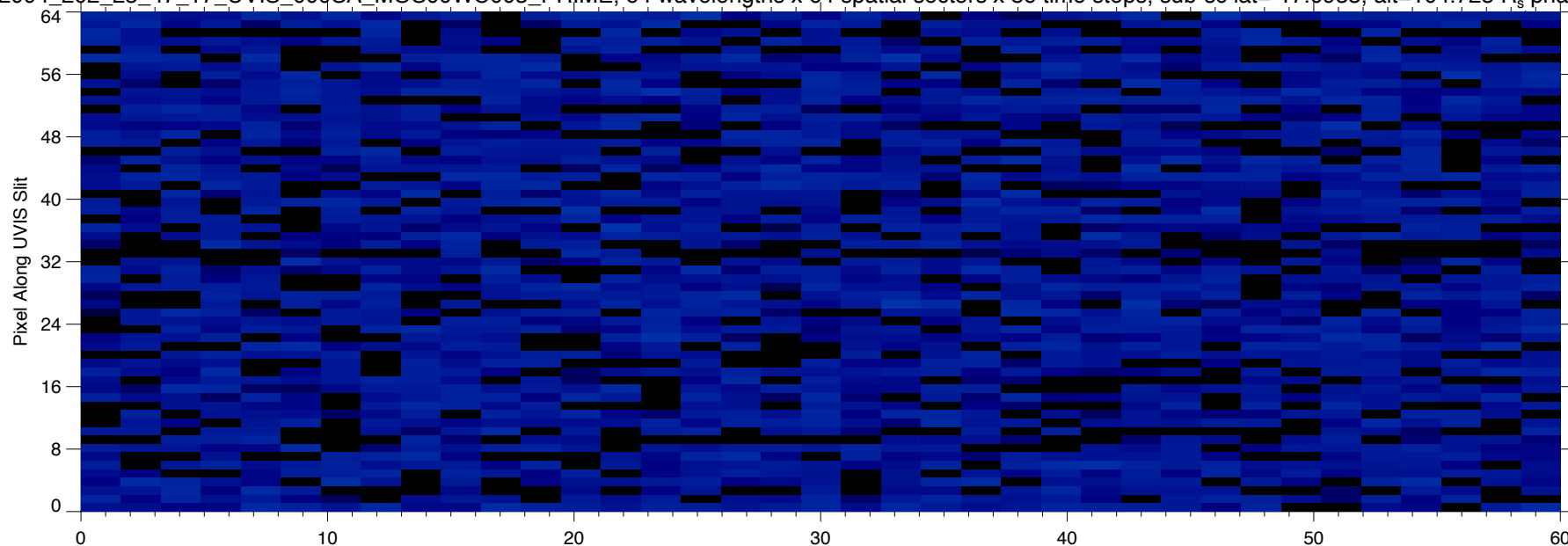
FUV2004_202_23_47_17_UVIS_000SA_MOS00WC003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.0933, alt=104.725 R_s phase=92.4114



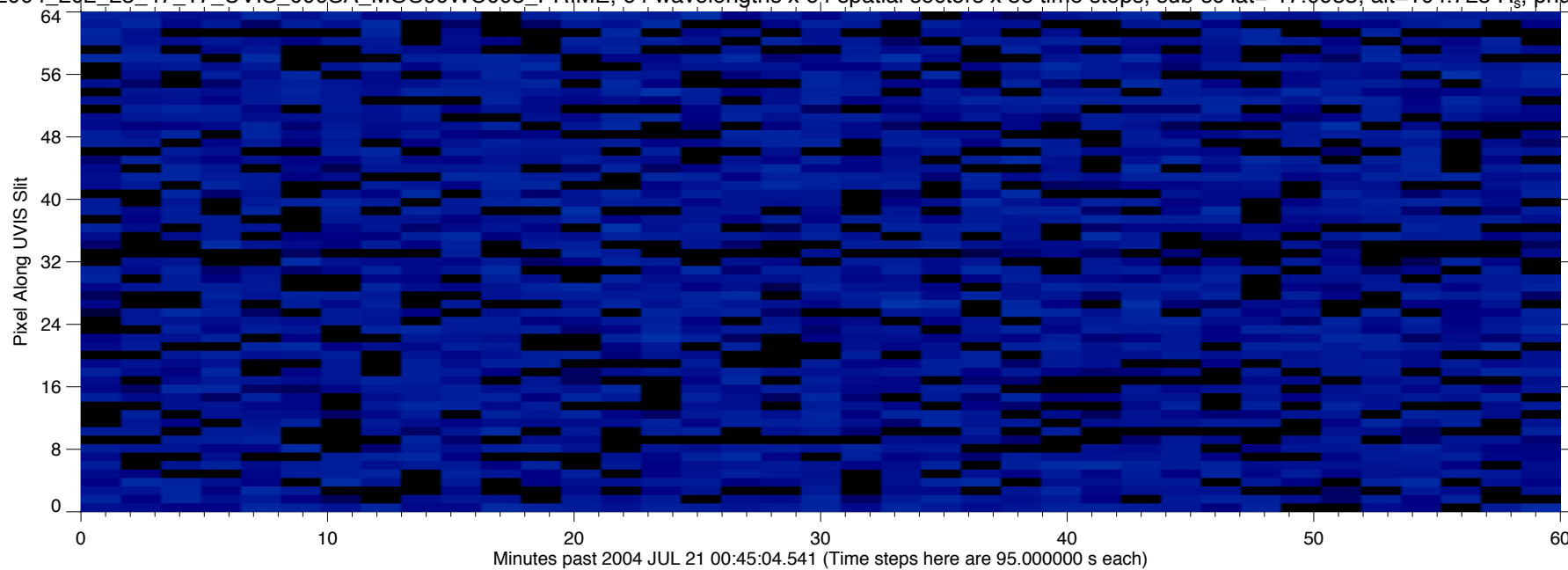
FUV2004_202_23_47_17_UVIS_000SA_MOS00WC003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.0933, alt=104.725 R_s, phase=92.4114



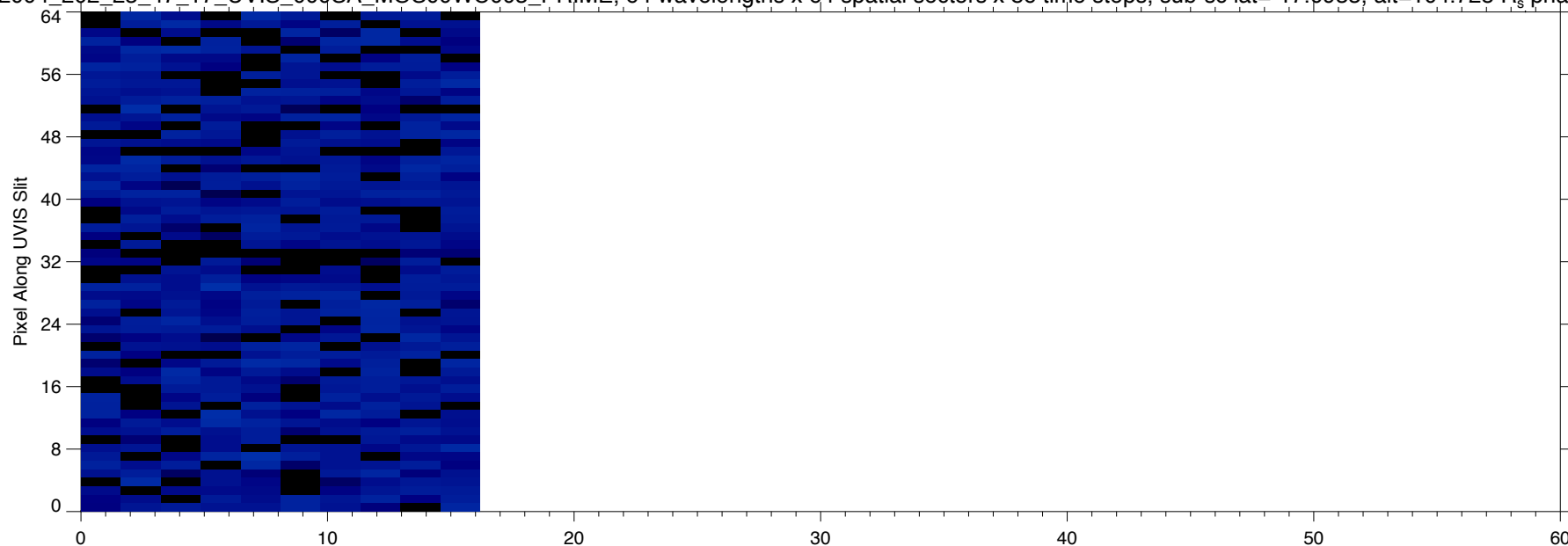
FUV2004_202_23_47_17_UVIS_000SA_MOS00WC003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.0933, alt=104.725 R_s phase=92.4114



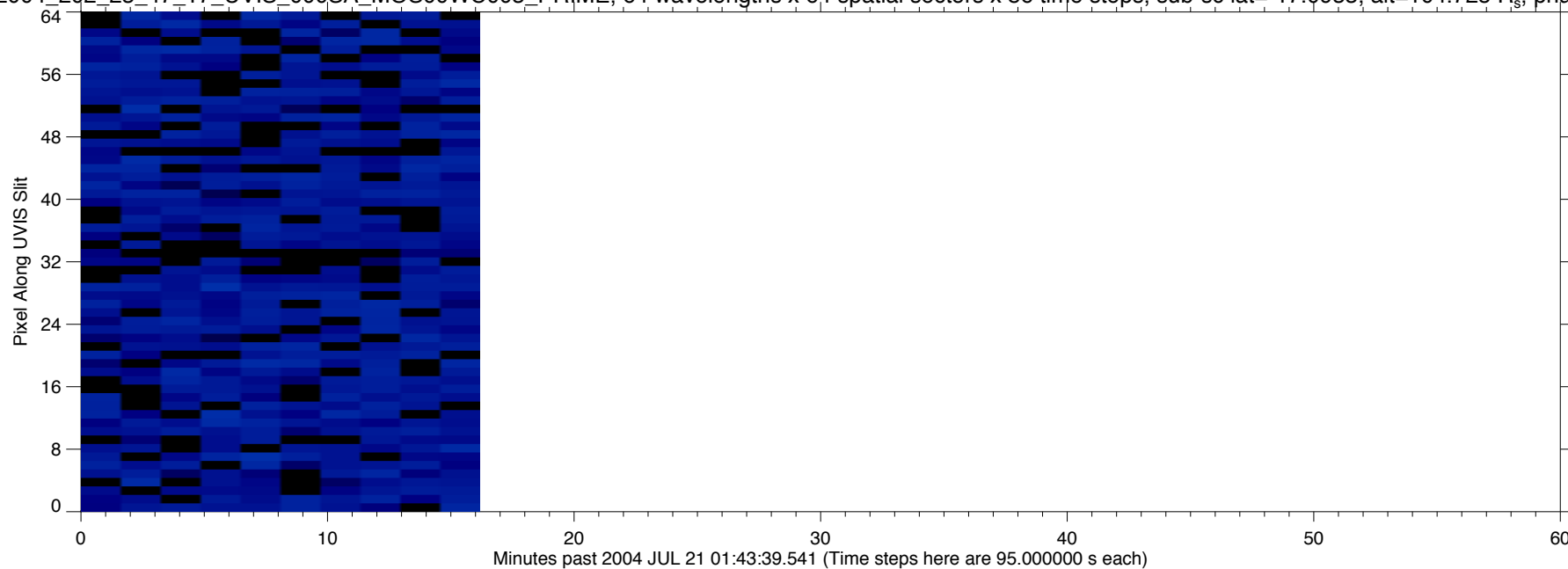
FUV2004_202_23_47_17_UVIS_000SA_MOS00WC003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.0933, alt=104.725 R_s, phase=92.4114



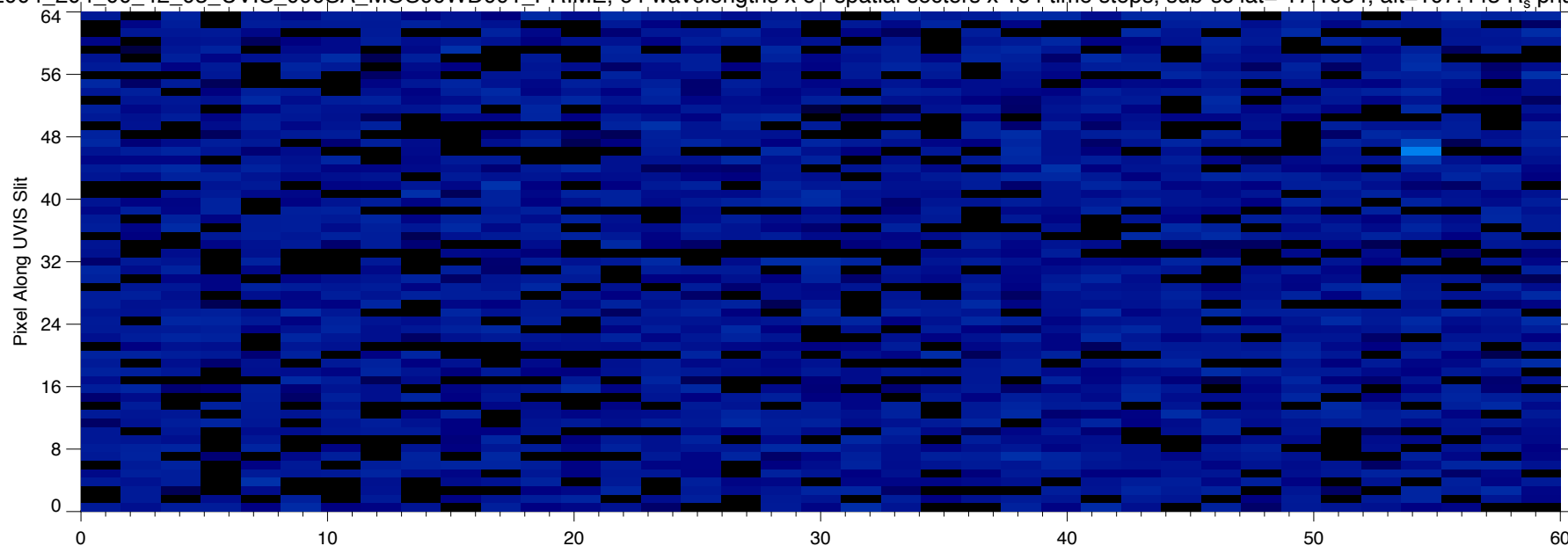
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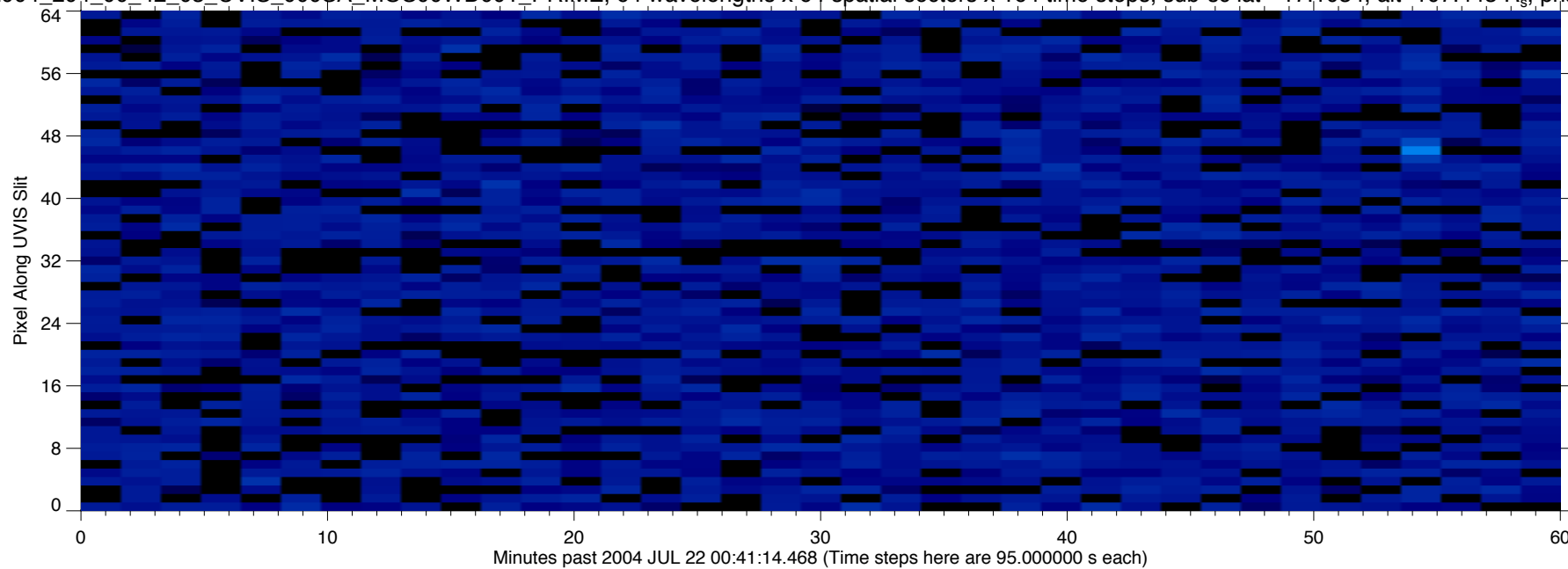
FUV2004_202_23_47_17_UVIS_000SA_MOS00WC003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.0933, alt=104.725 R_s, phase=92.4114



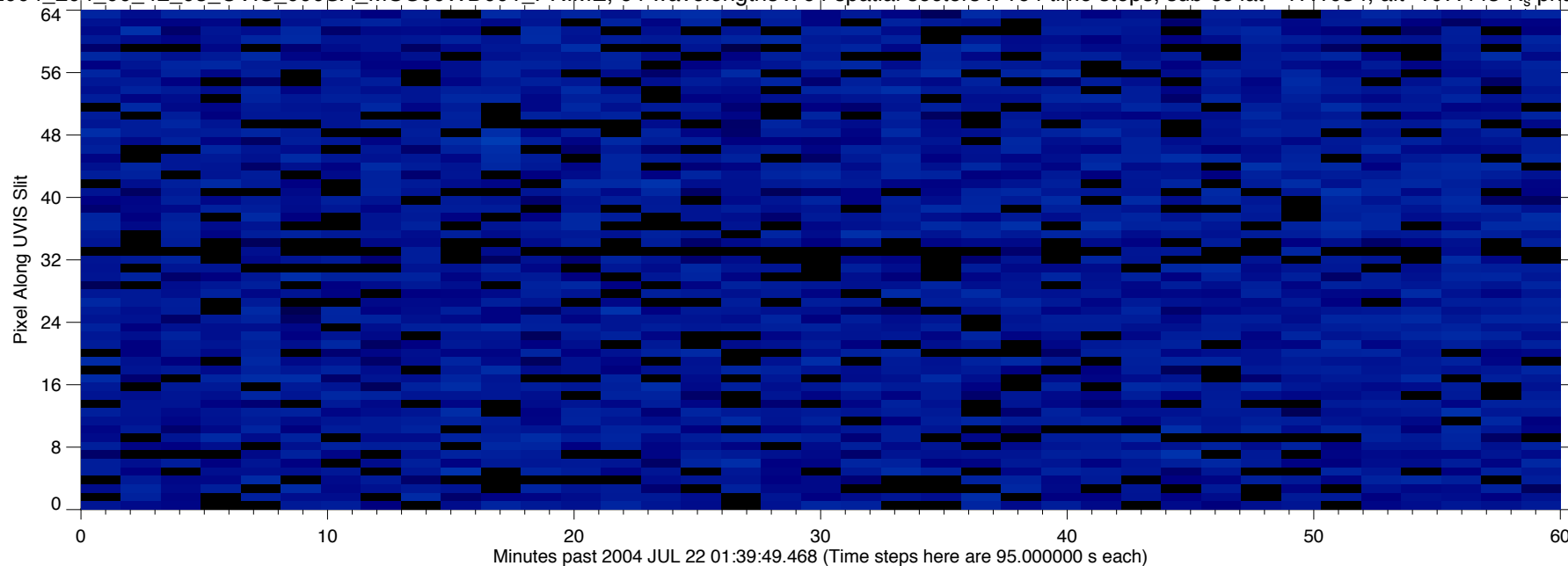
FUV2004_204_00_42_03_UVIS_000SA_MOS00WD001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1034, alt=107.443 R_s, phase=92.1732



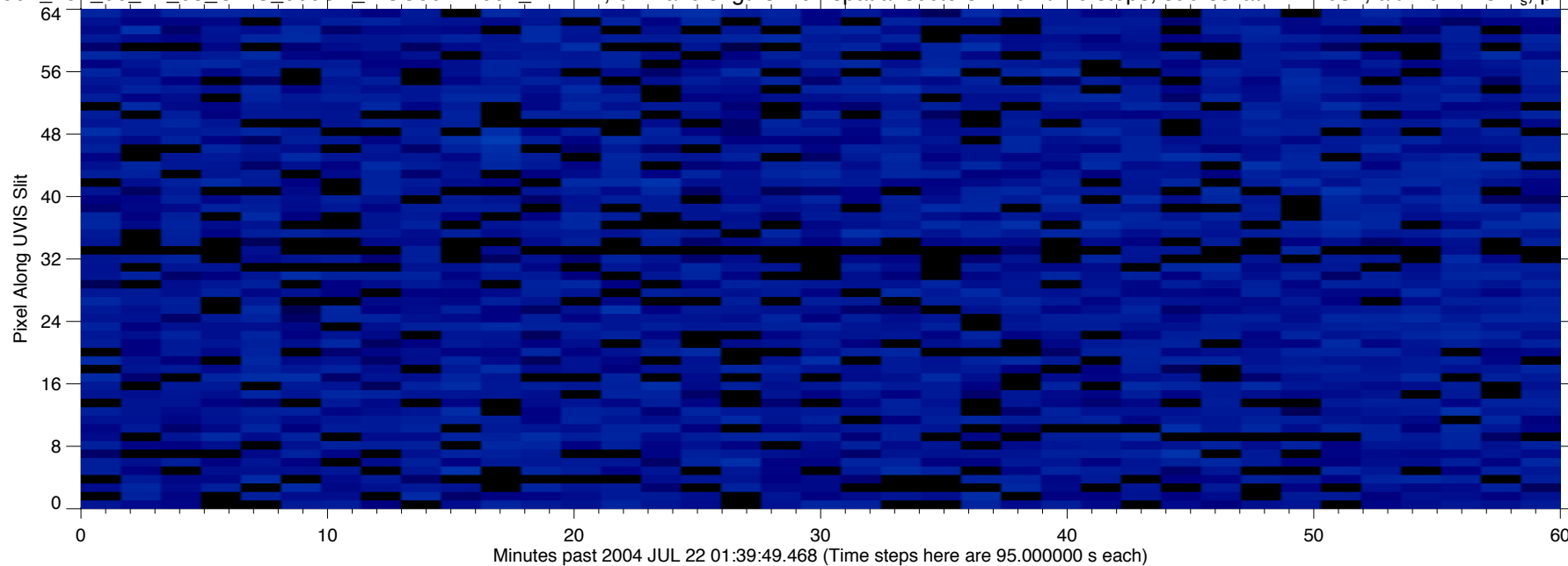
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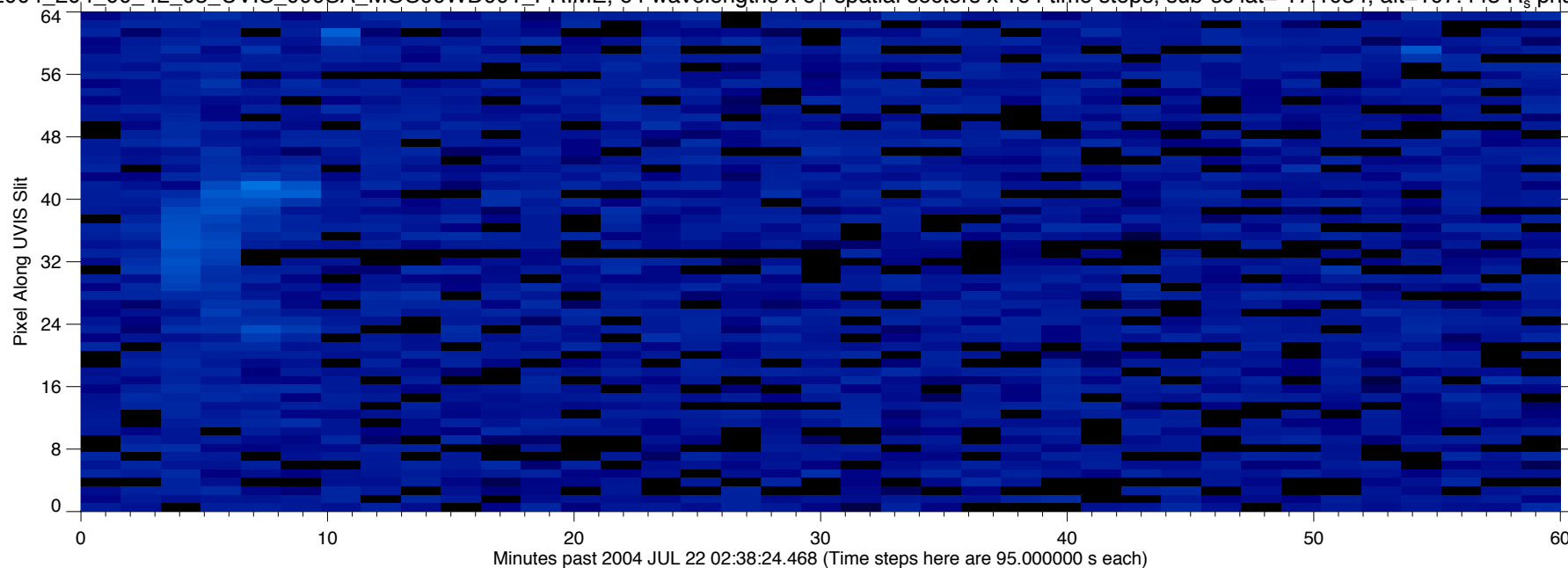
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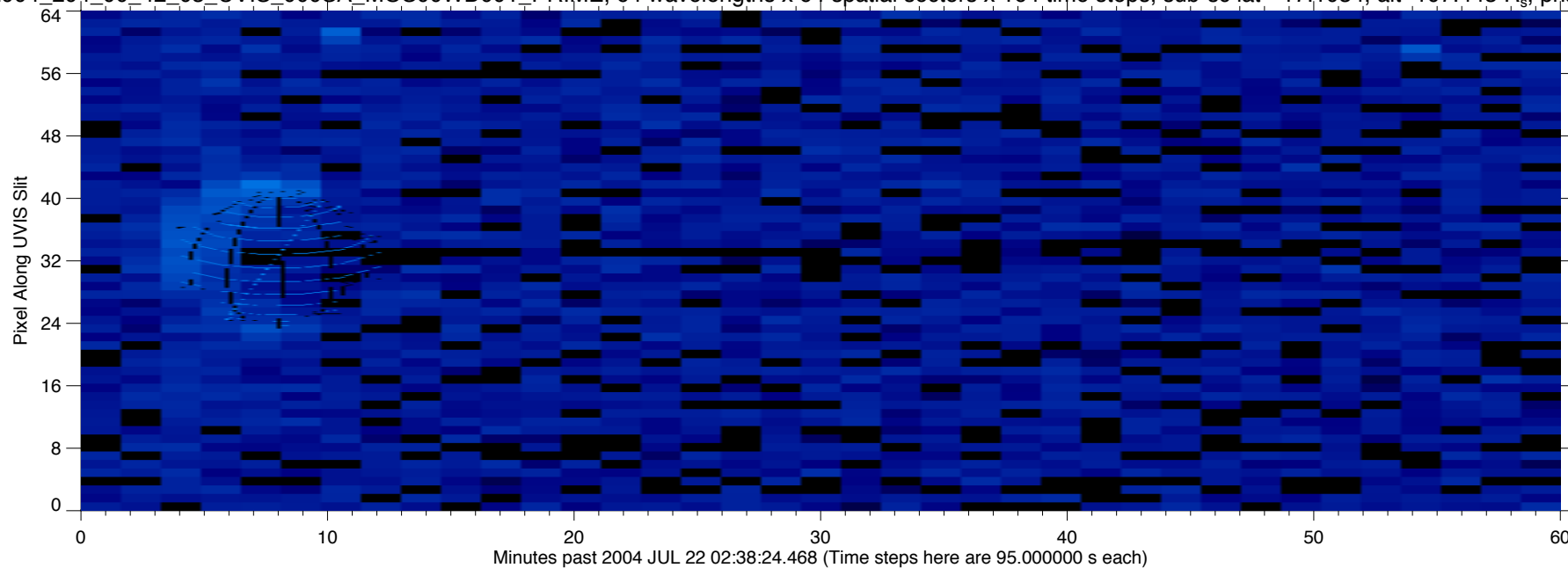
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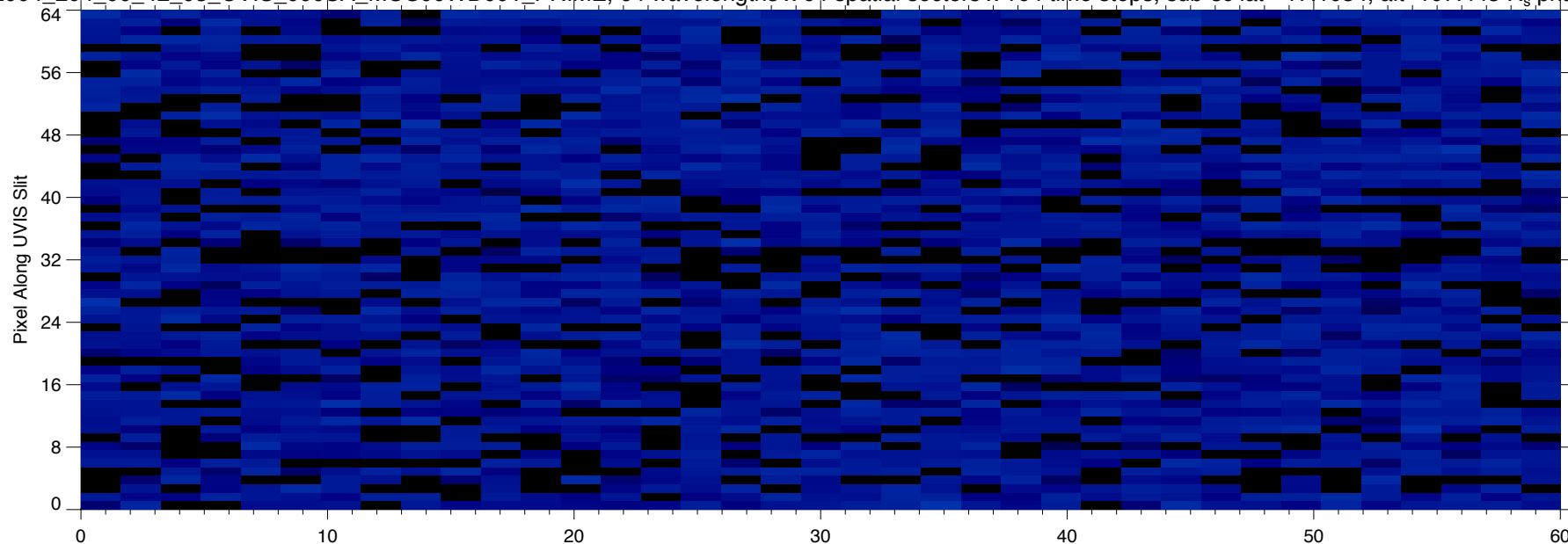
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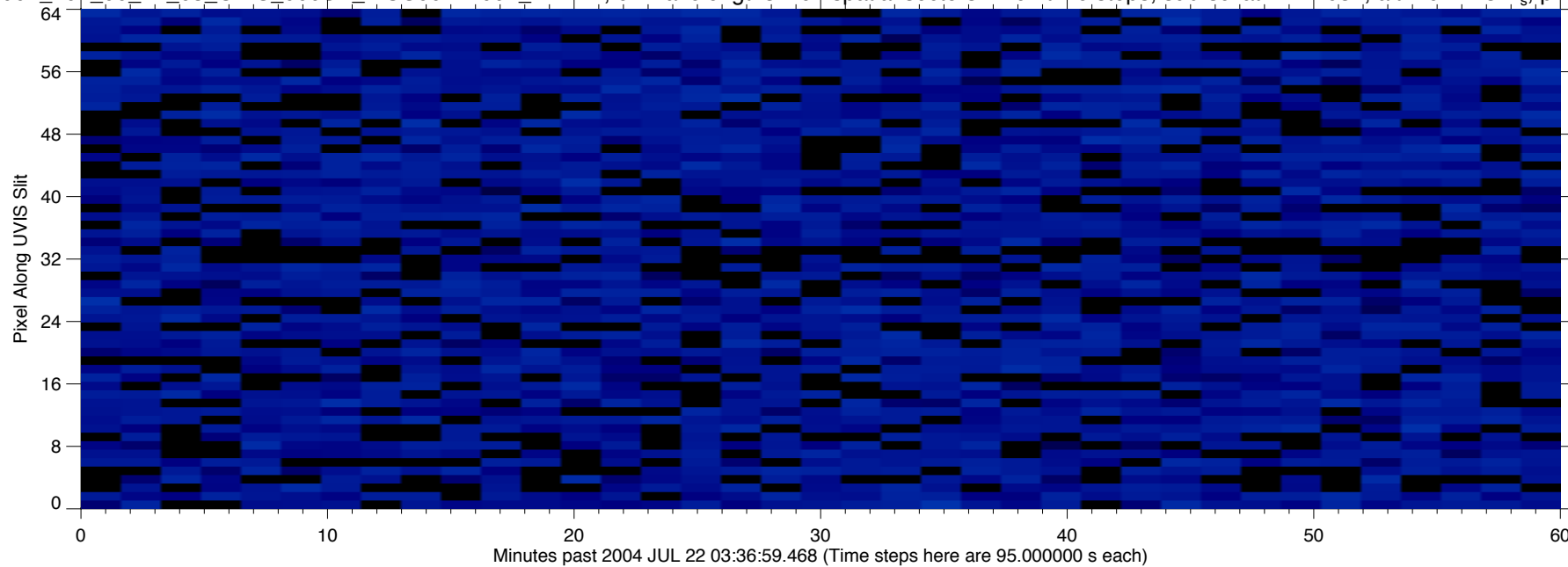
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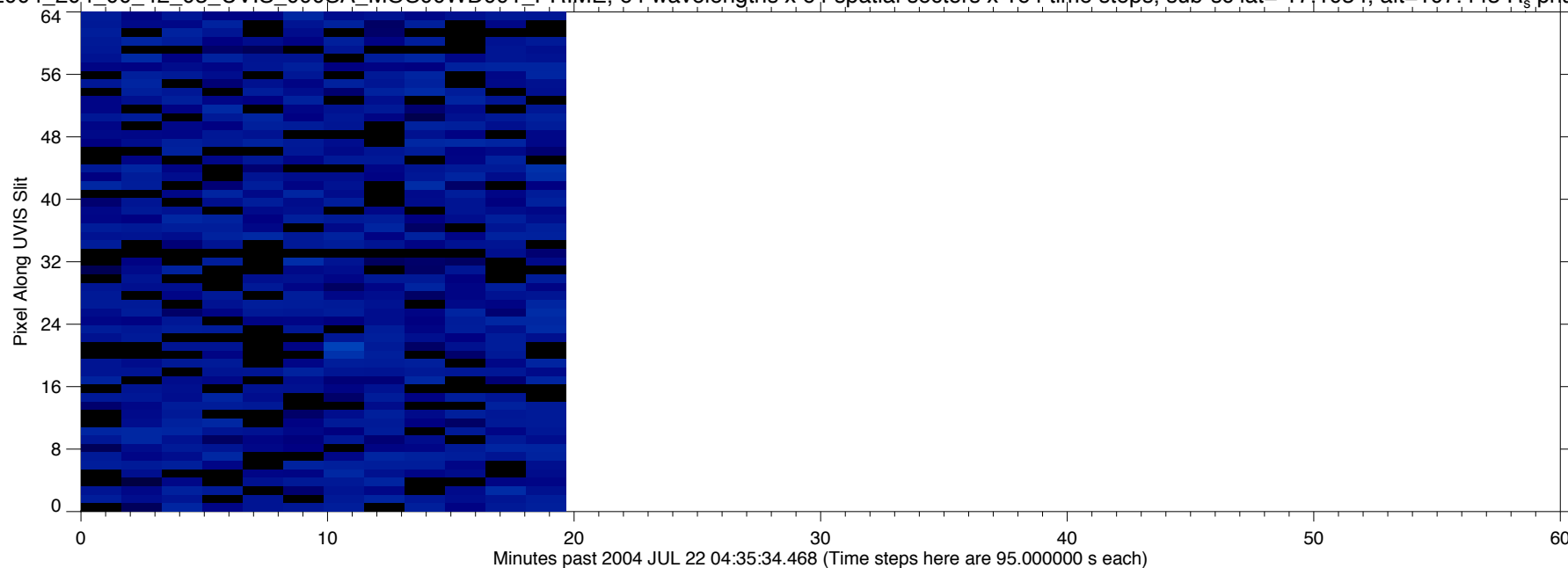
FUV2004_204_00_42_03_UVIS_000SA_MOS00WD001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1034, alt=107.443 R_s, phase=92.1732



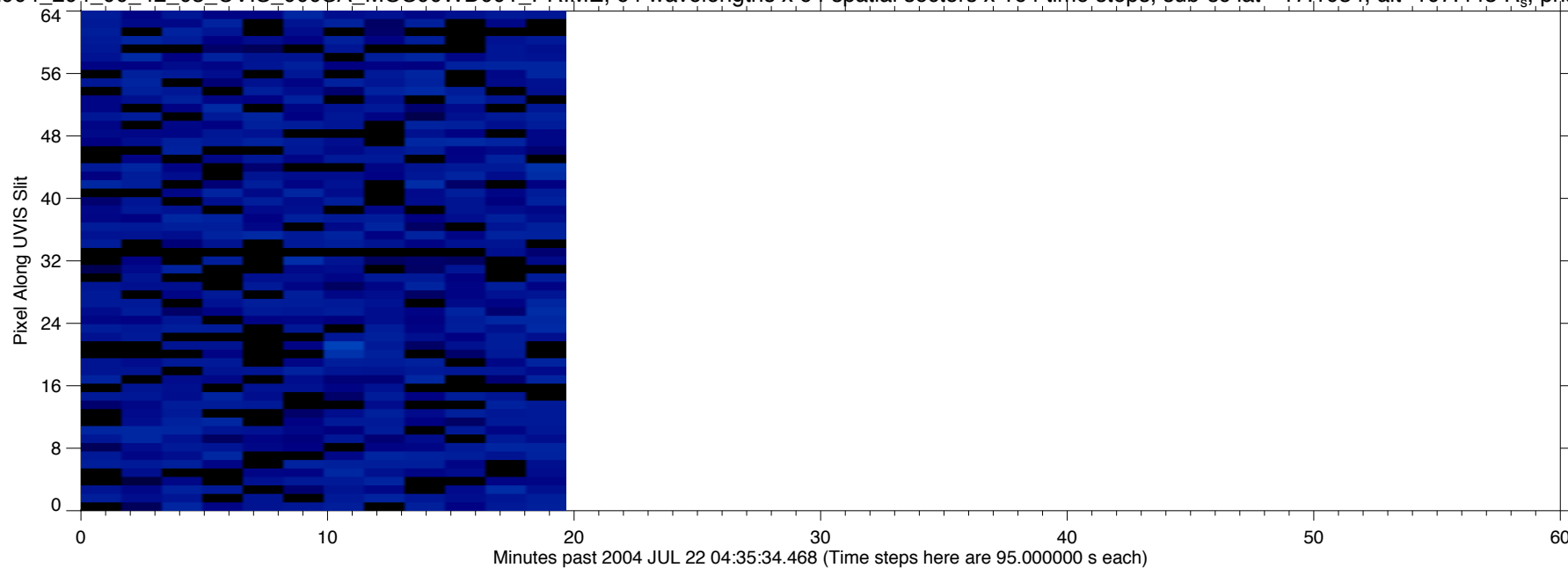
FUV2004_204_00_42_03_UVIS_000SA_MOS00WD001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1034, alt=107.443 R_s, phase=92.1732



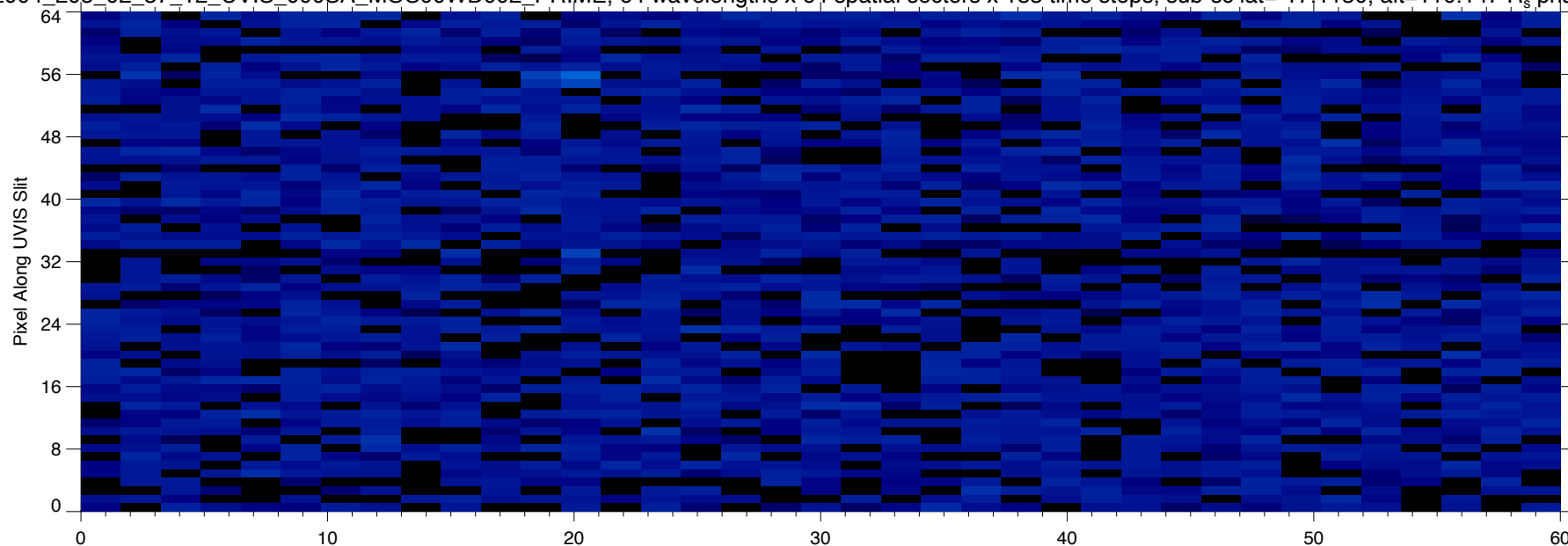
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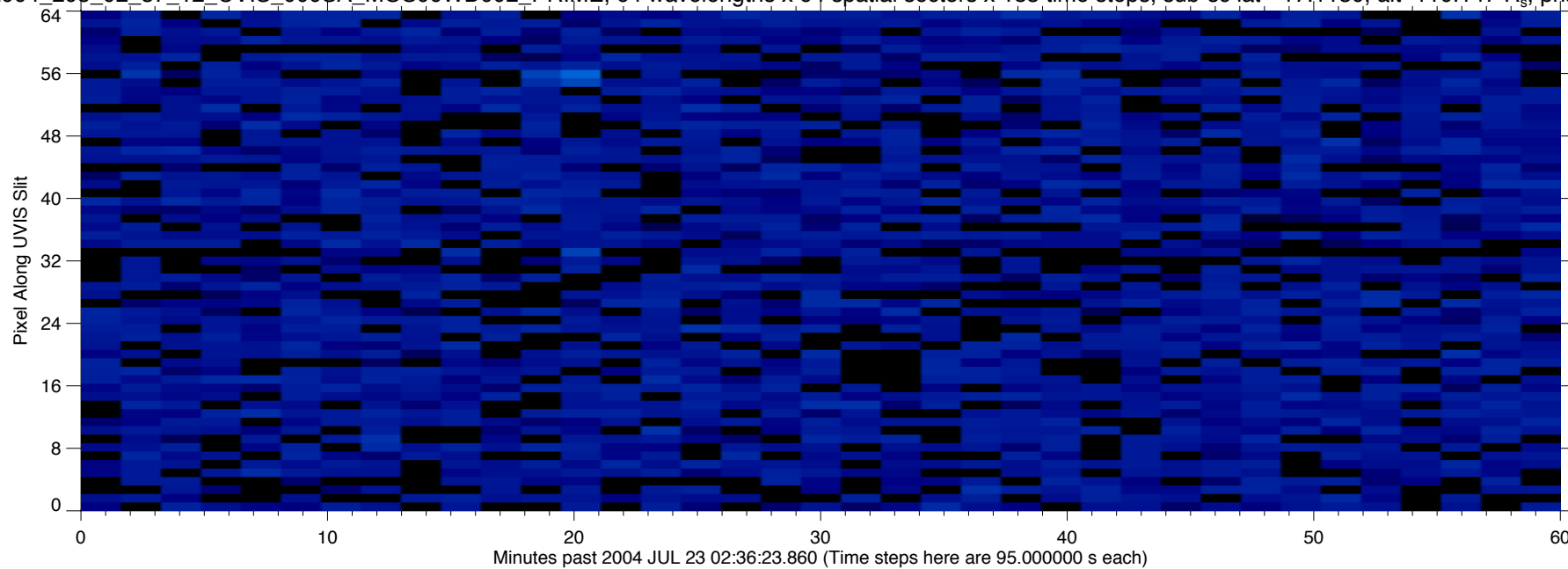
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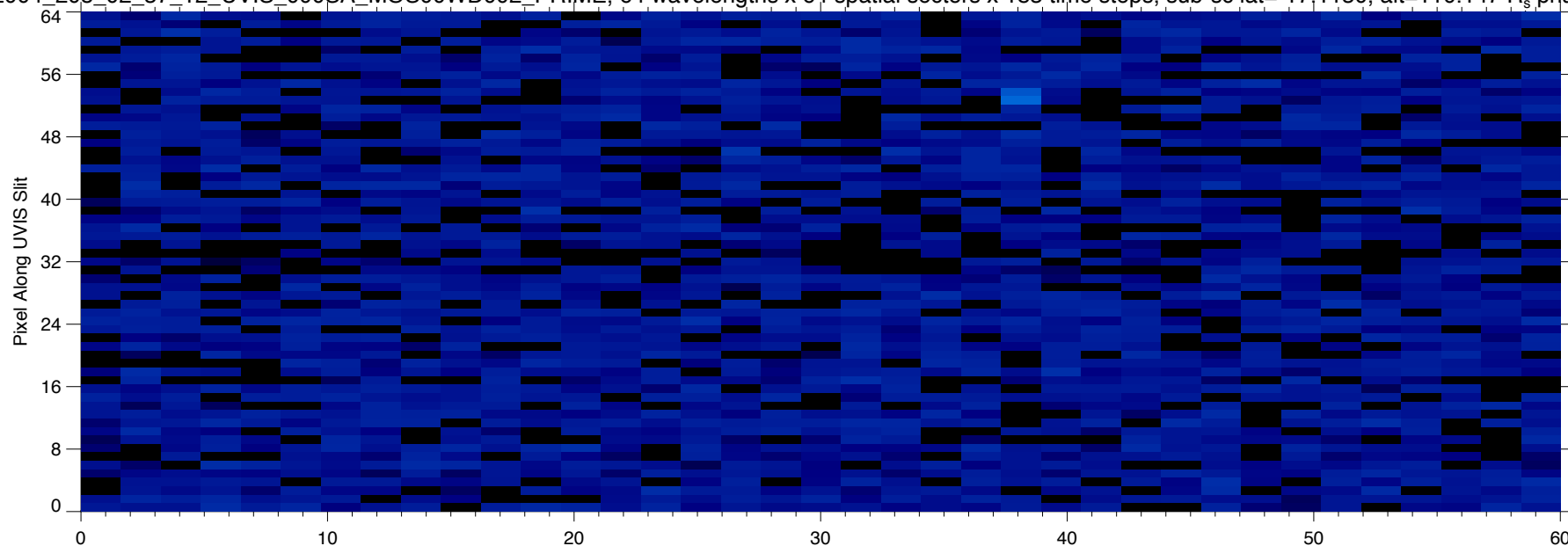
FUV2004_205_02_37_12_UVIS_000SA_MOS00WD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1130, alt=110.147 R_s, phase=91.9397



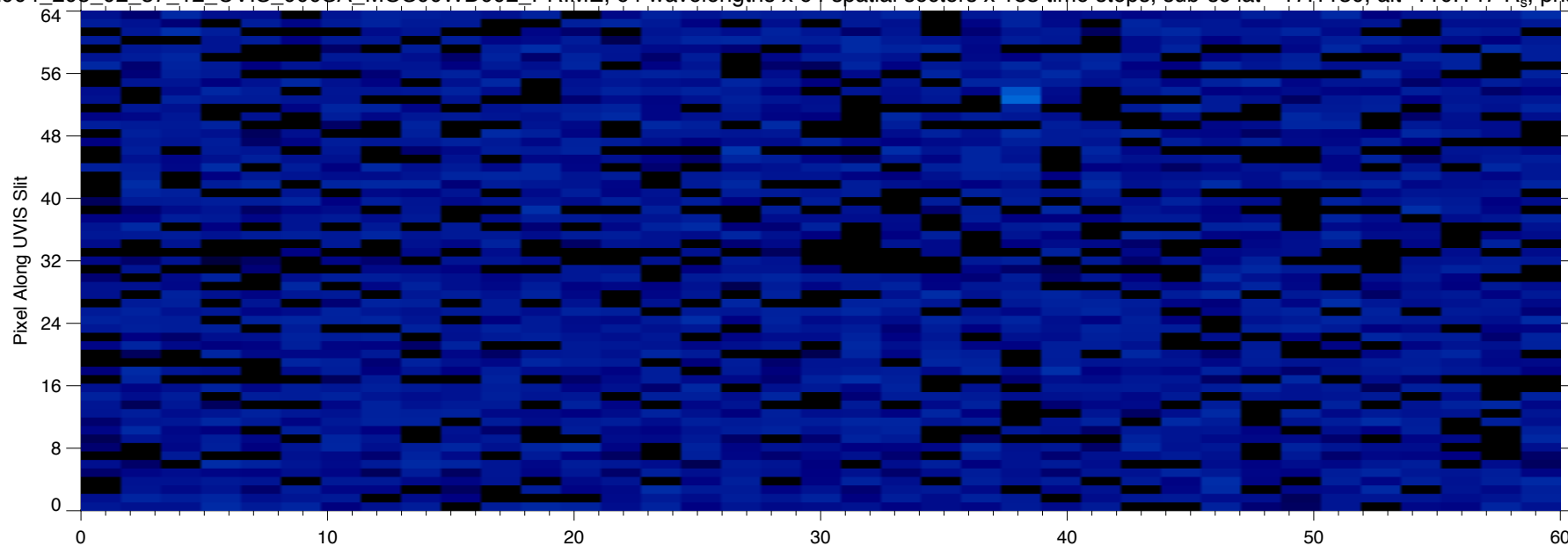
FUV2004_205_02_37_12_UVIS_000SA_MOS00WD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1130, alt=110.147 R_s, phase=91.9397



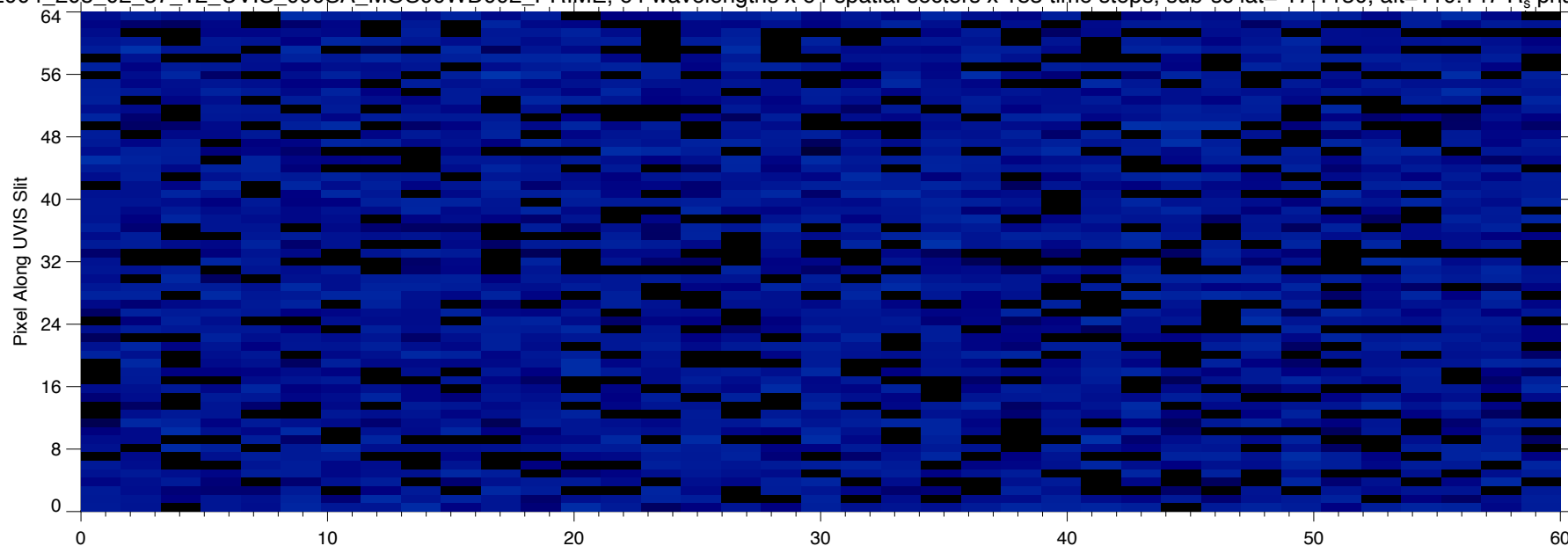
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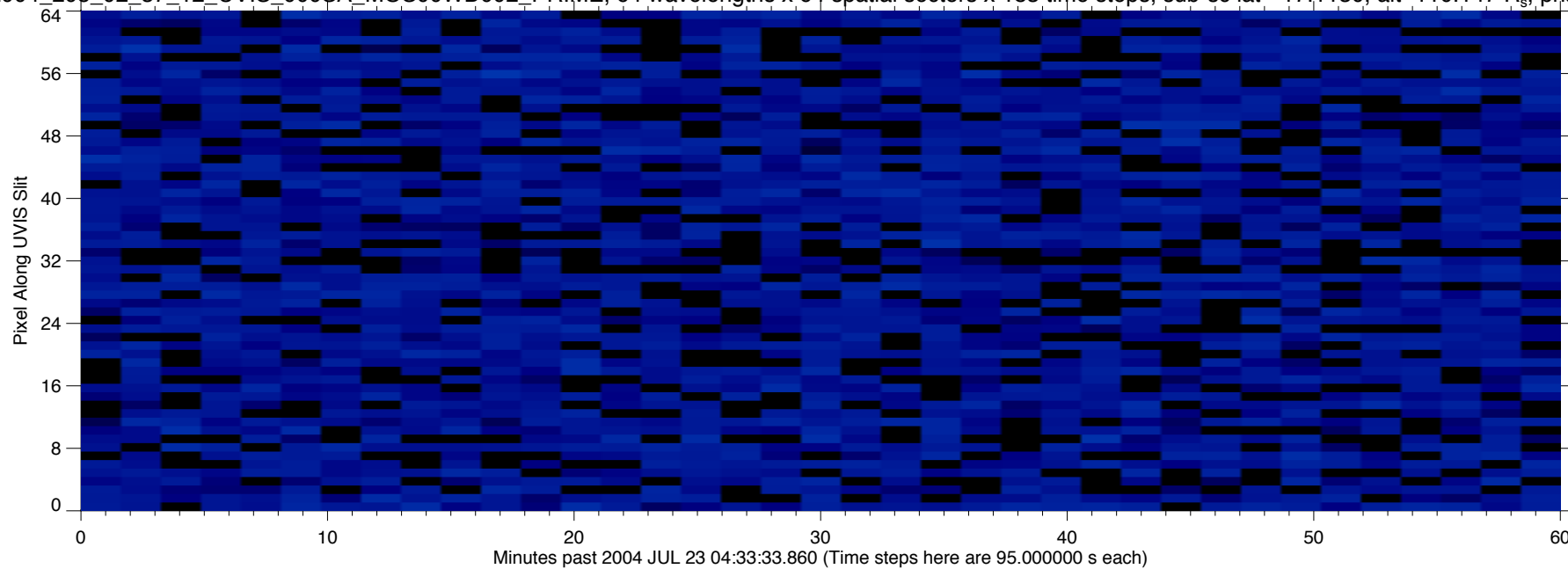
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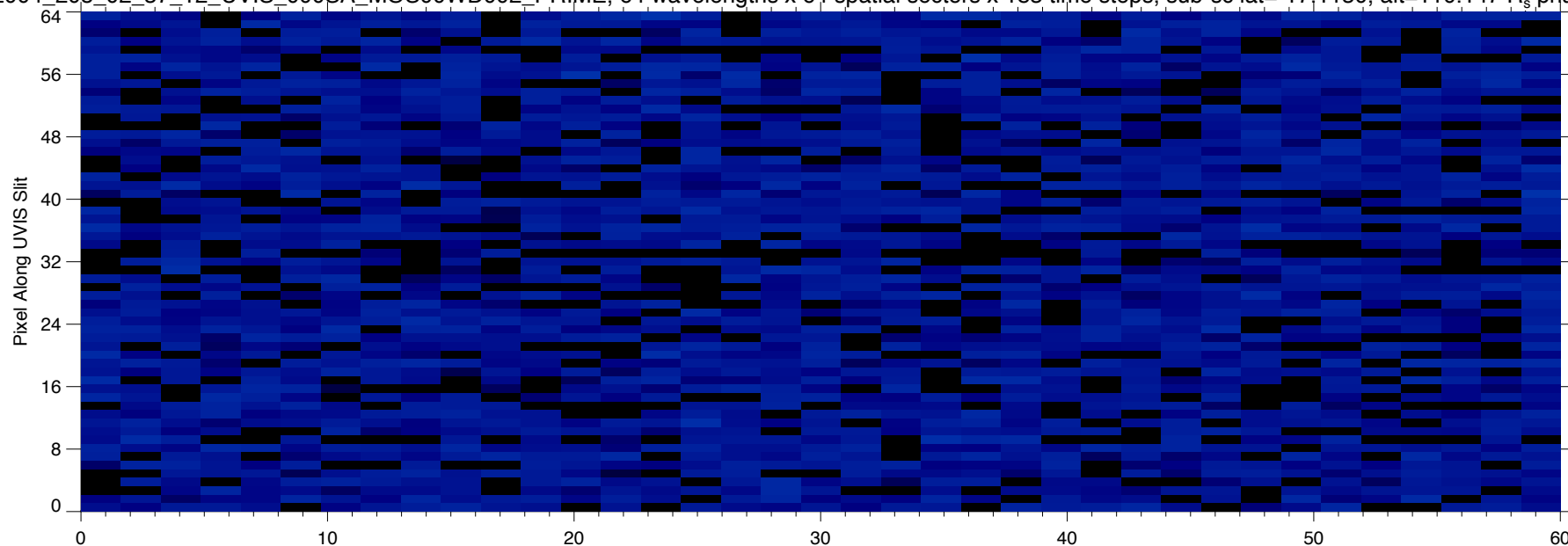
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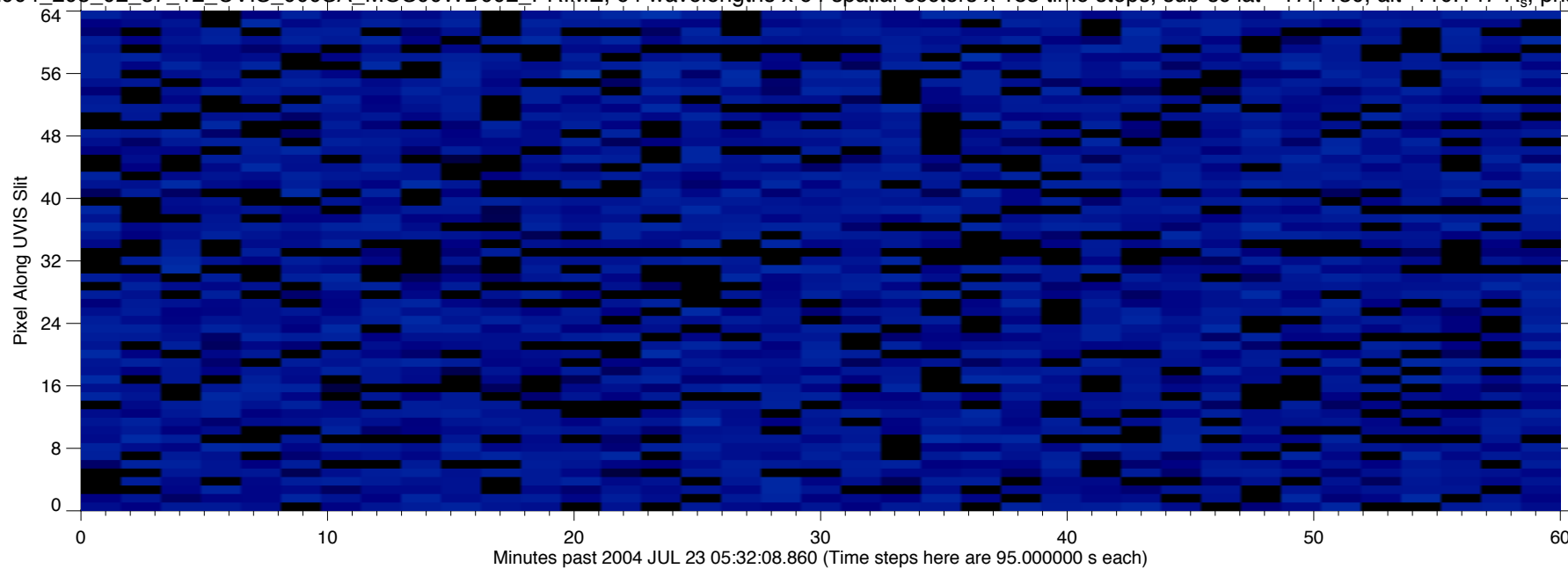
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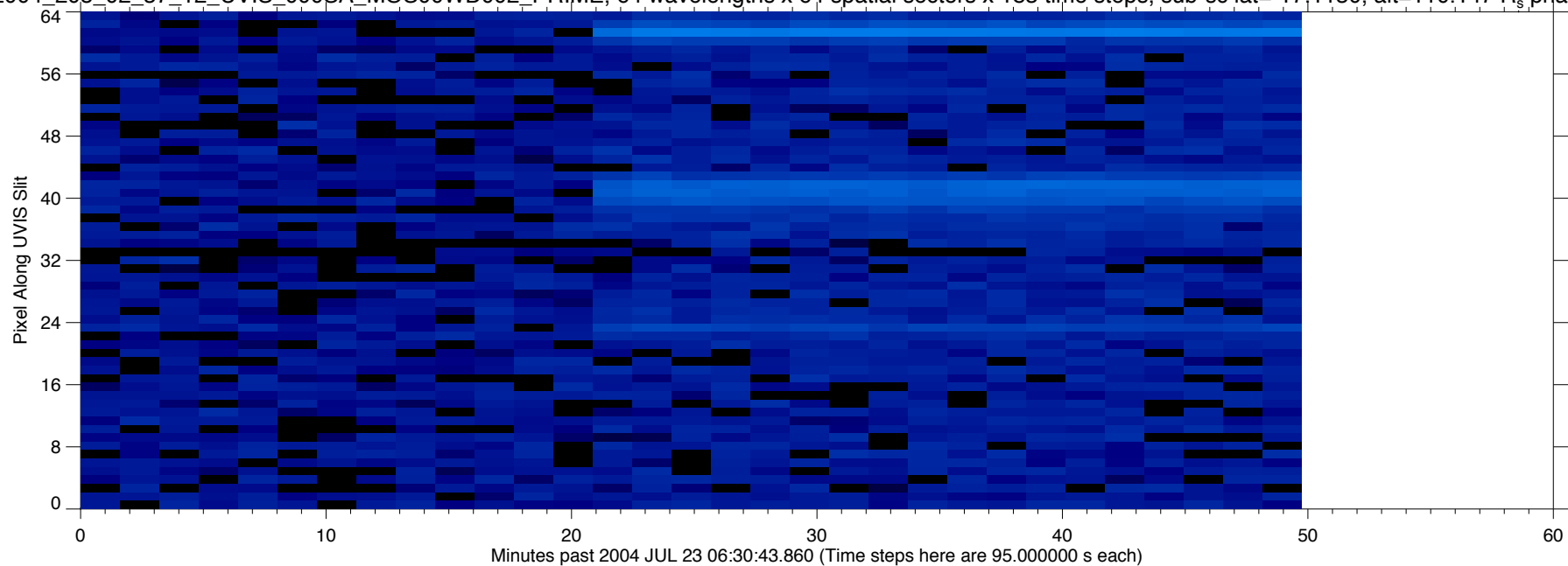
FUV2004_205_02_37_12_UVIS_000SA_MOS00WD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1130, alt=110.147 R_s, phase=91.9397



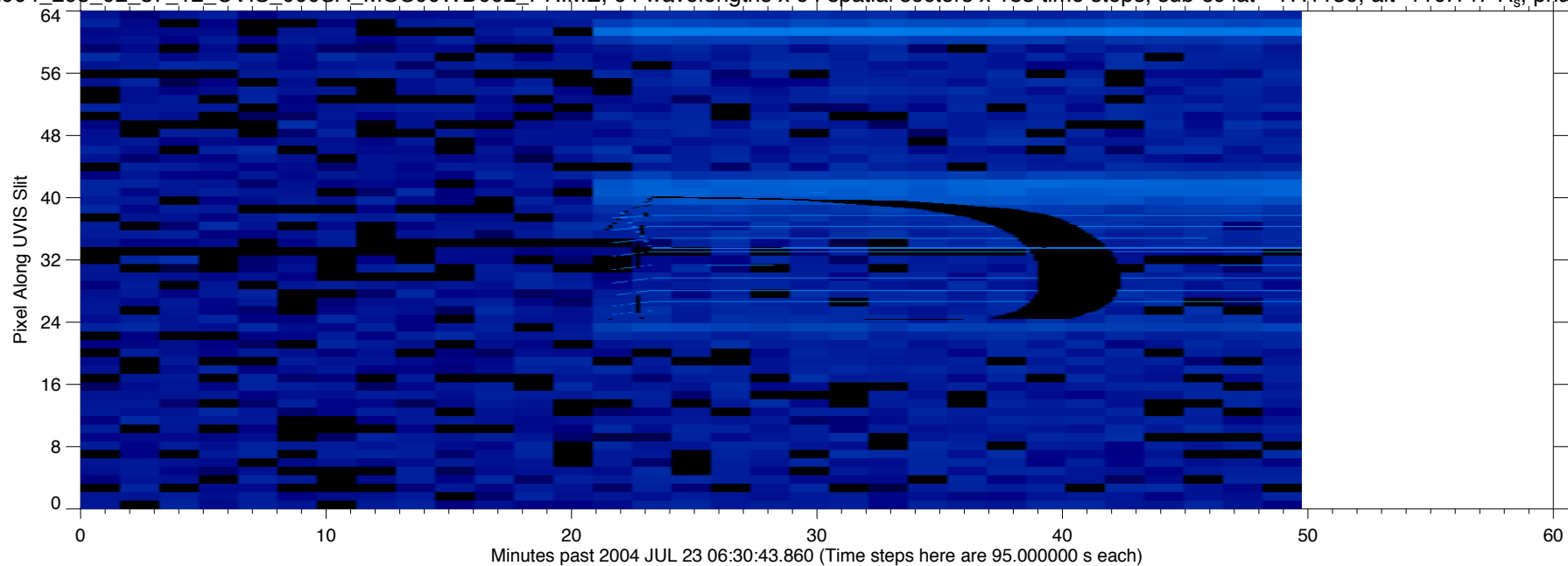
FUV2004_205_02_37_12_UVIS_000SA_MOS00WD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1130, alt=110.147 R_s, phase=91.9397



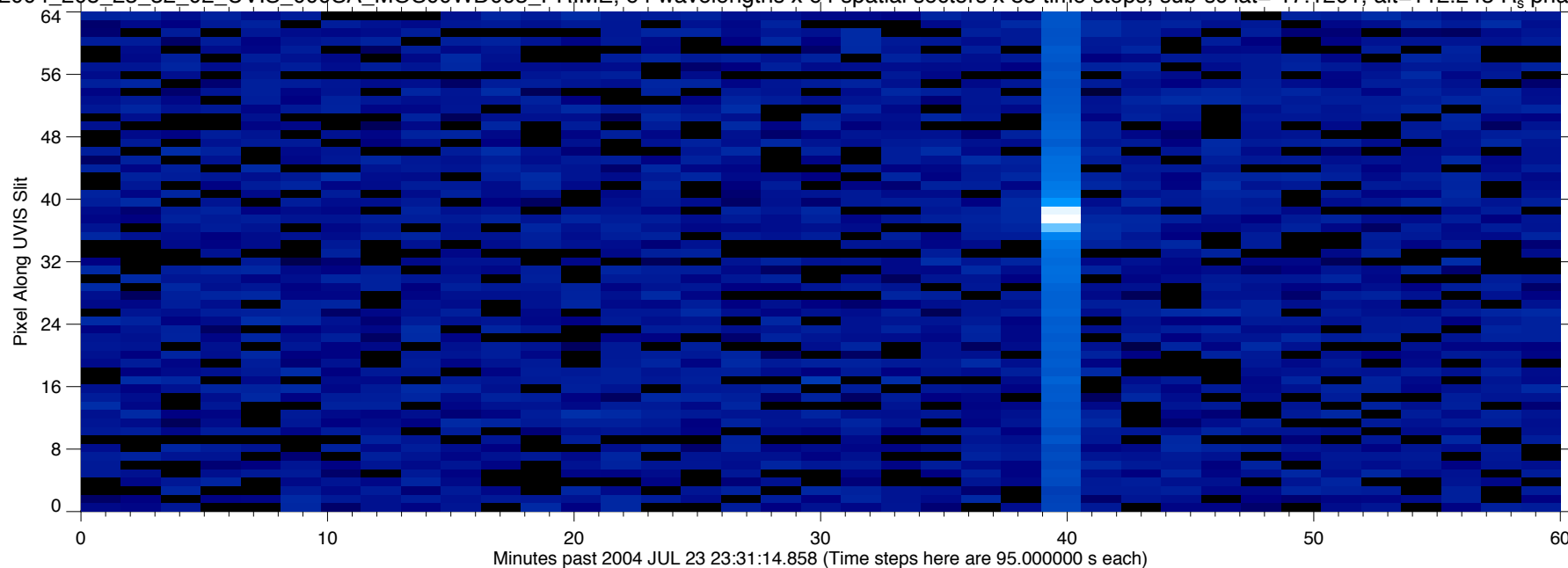
FUV2004_205_02_37_12_UVIS_000SA_MOS00WD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1130, alt=110.147 R_s, phase=91.9397



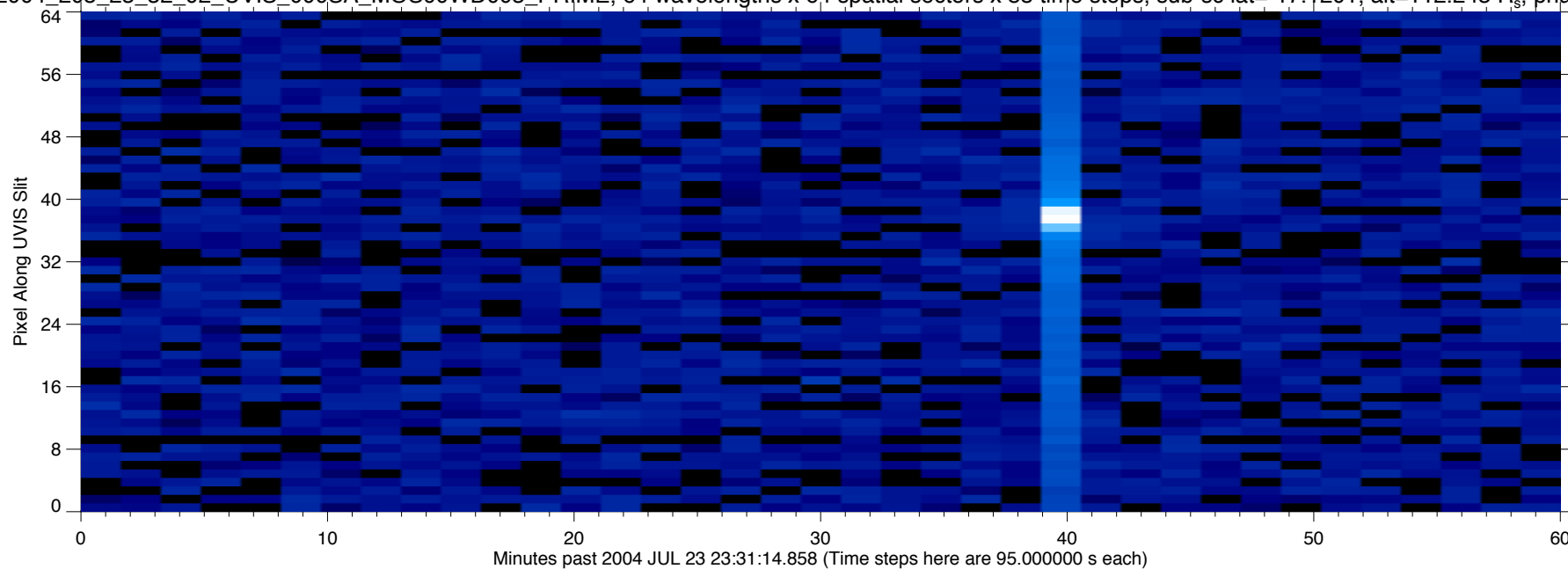
FUV2004_205_02_37_12_UVIS_000SA_MOS00WD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1130, alt=110.147 R_s, phase=91.9397



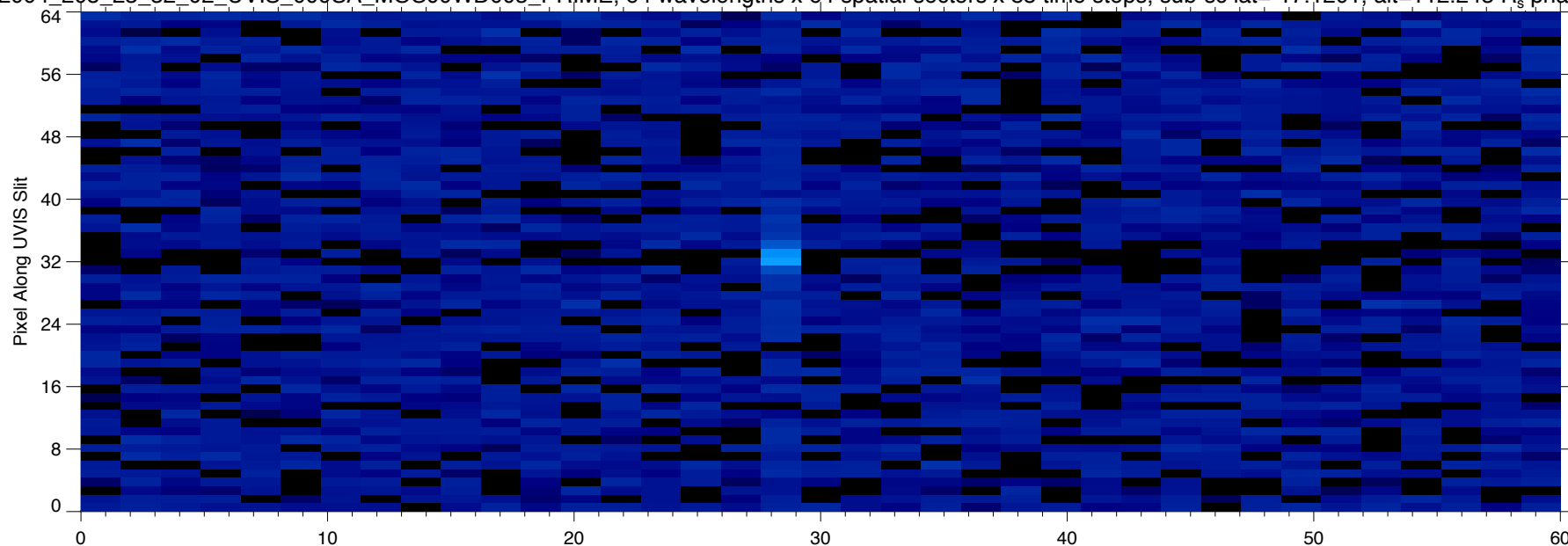
FUV2004_205_23_32_02_UVIS_000SA_MOS00WD003_PRIME, 64 wavelengths x 64 spatial sectors x 85 time steps, sub-sc lat=-17.1201, alt=112.243 R_s phase=91.7610



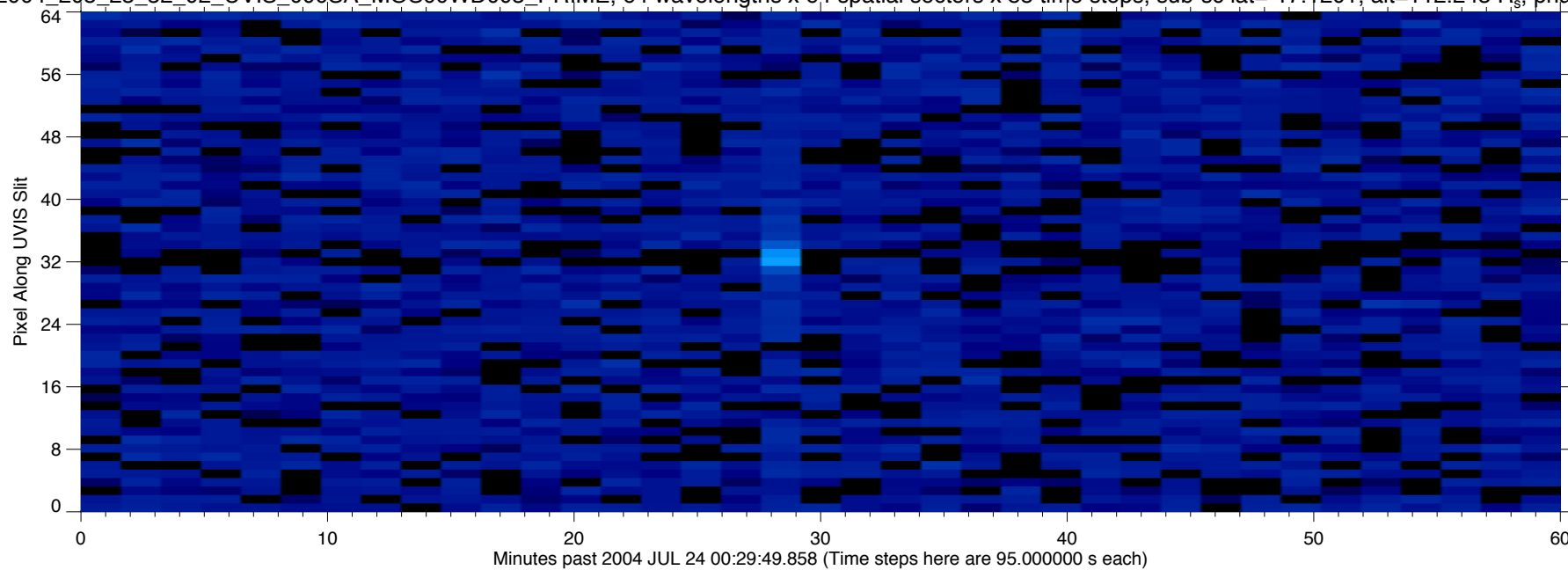
FUV2004_205_23_32_02_UVIS_000SA_MOS00WD003_PRIME, 64 wavelengths x 64 spatial sectors x 85 time steps, sub-sc lat=-17.1201, alt=112.243 R_s, phase=91.7610



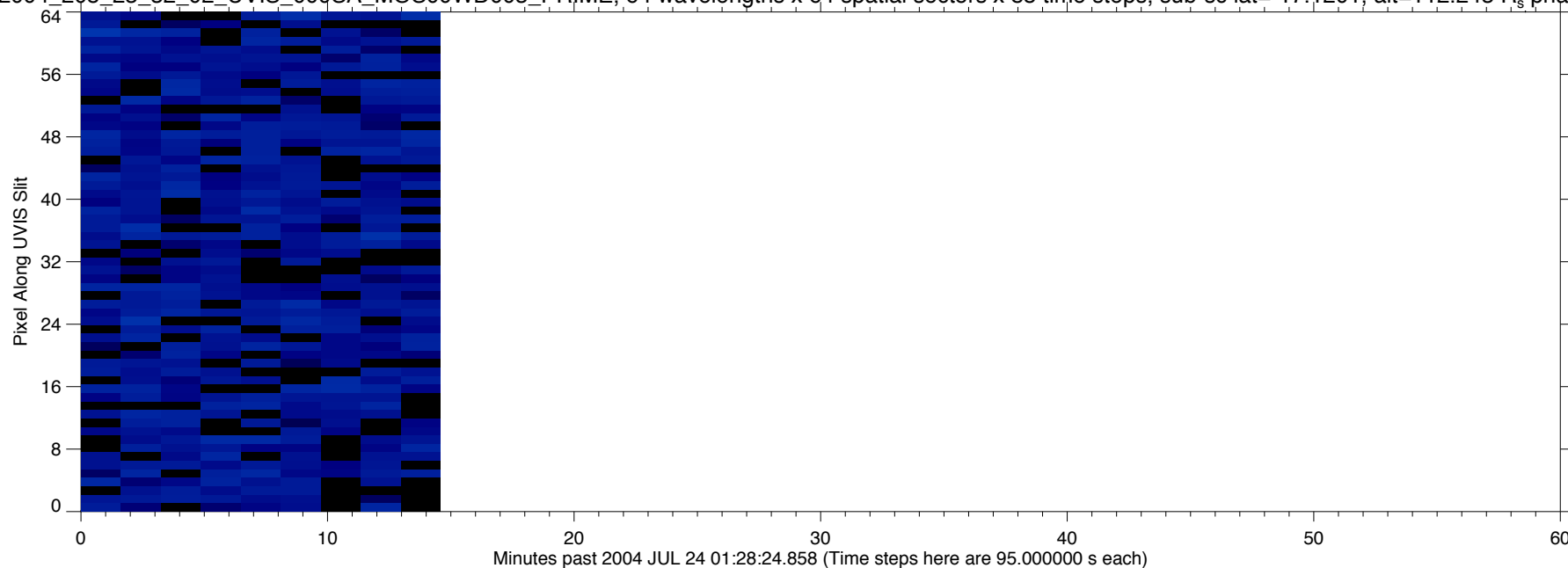
FUV2004_205_23_32_02_UVIS_000SA_MOS00WD003_PRIME, 64 wavelengths x 64 spatial sectors x 85 time steps, sub-sc lat=-17.1201, alt=112.243 R_s phase=91.7610



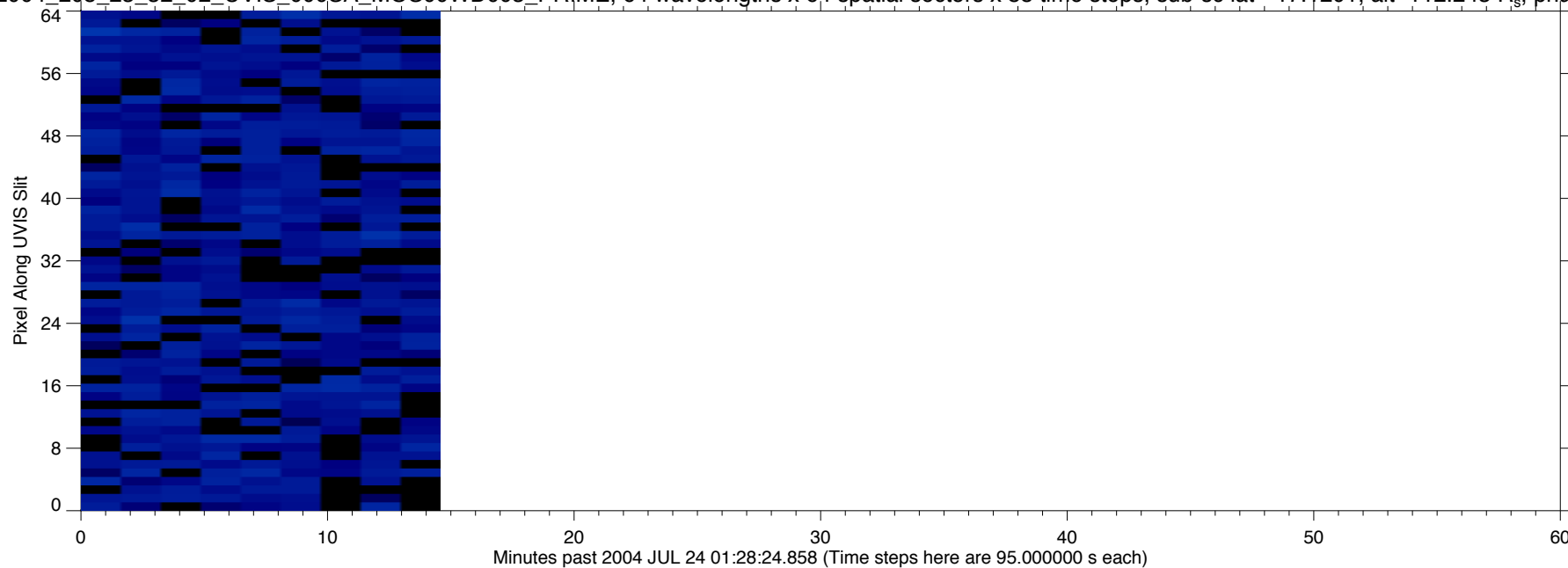
FUV2004_205_23_32_02_UVIS_000SA_MOS00WD003_PRIME, 64 wavelengths x 64 spatial sectors x 85 time steps, sub-sc lat=-17.1201, alt=112.243 R_s phase=91.7610



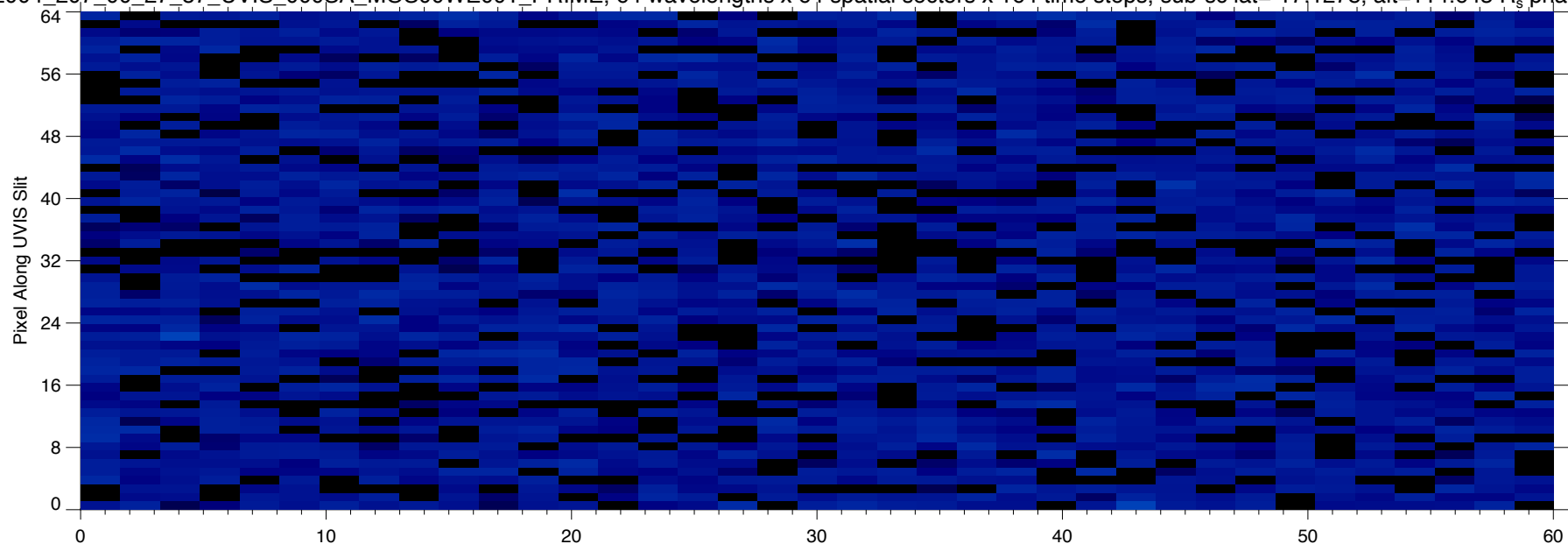
FUV2004_205_23_32_02_UVIS_000SA_MOS00WD003_PRIME, 64 wavelengths x 64 spatial sectors x 85 time steps, sub-sc lat=-17.1201, alt=112.243 R_s phase=91.7610



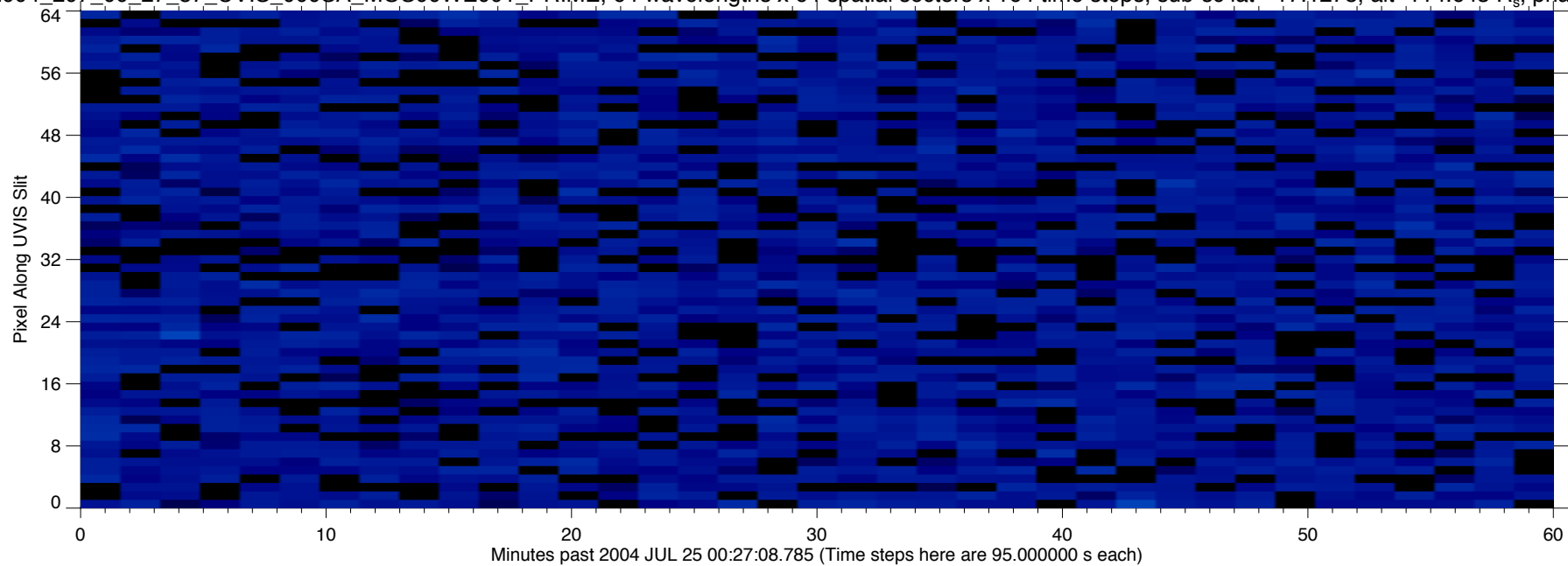
FUV2004_205_23_32_02_UVIS_000SA_MOS00WD003_PRIME, 64 wavelengths x 64 spatial sectors x 85 time steps, sub-sc lat=-17.1201, alt=112.243 R_s, phase=91.7610



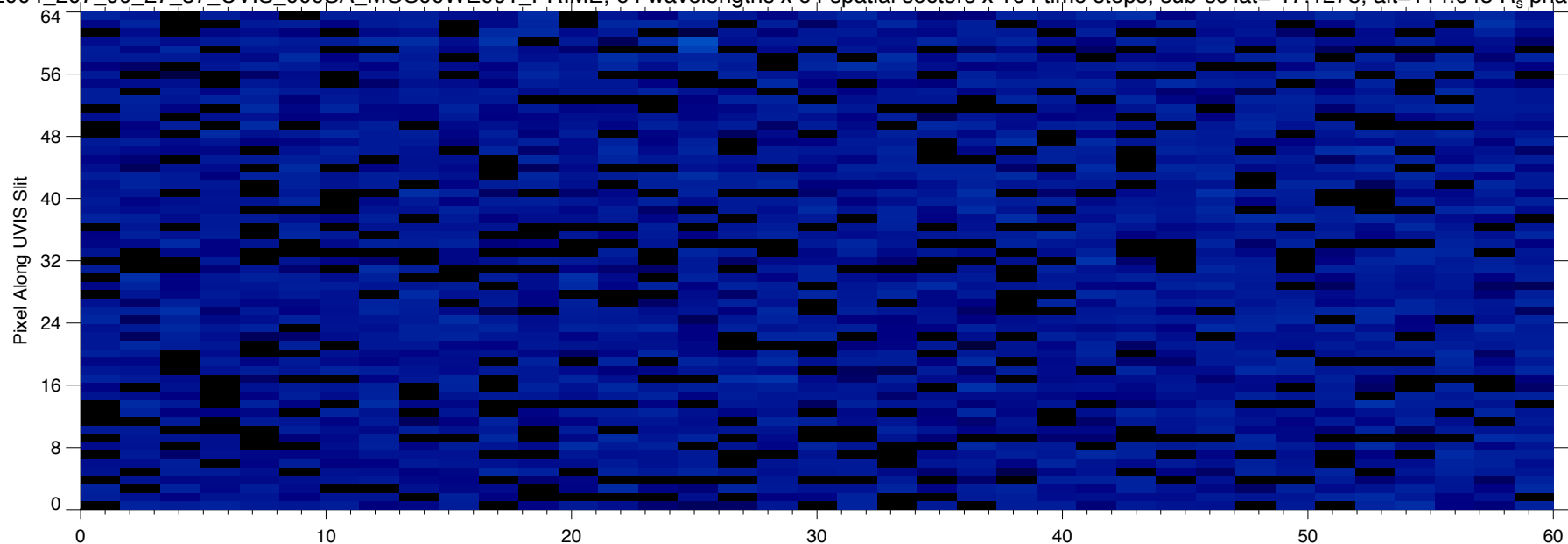
FUV2004_207_00_27_57_UVIS_000SA_MOS00WE001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1278, alt=114.643 R_s, phase=91.5581



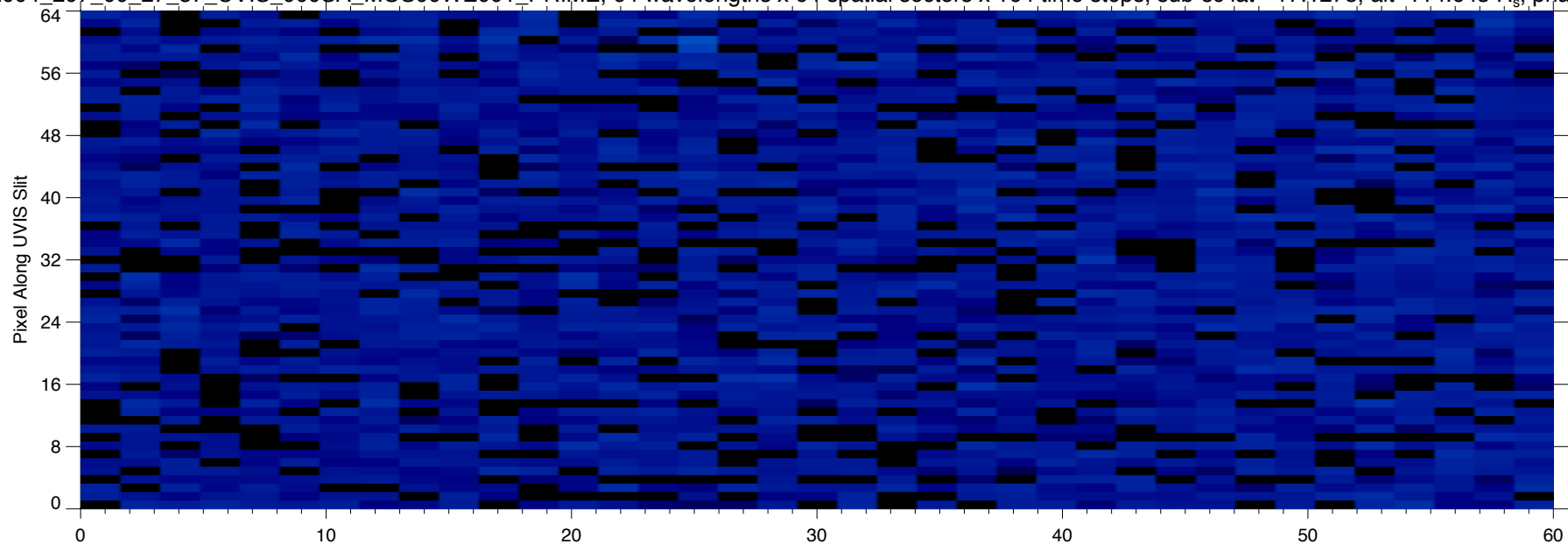
FUV2004_207_00_27_57_UVIS_000SA_MOS00WE001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1278, alt=114.643 R_s, phase=91.5581



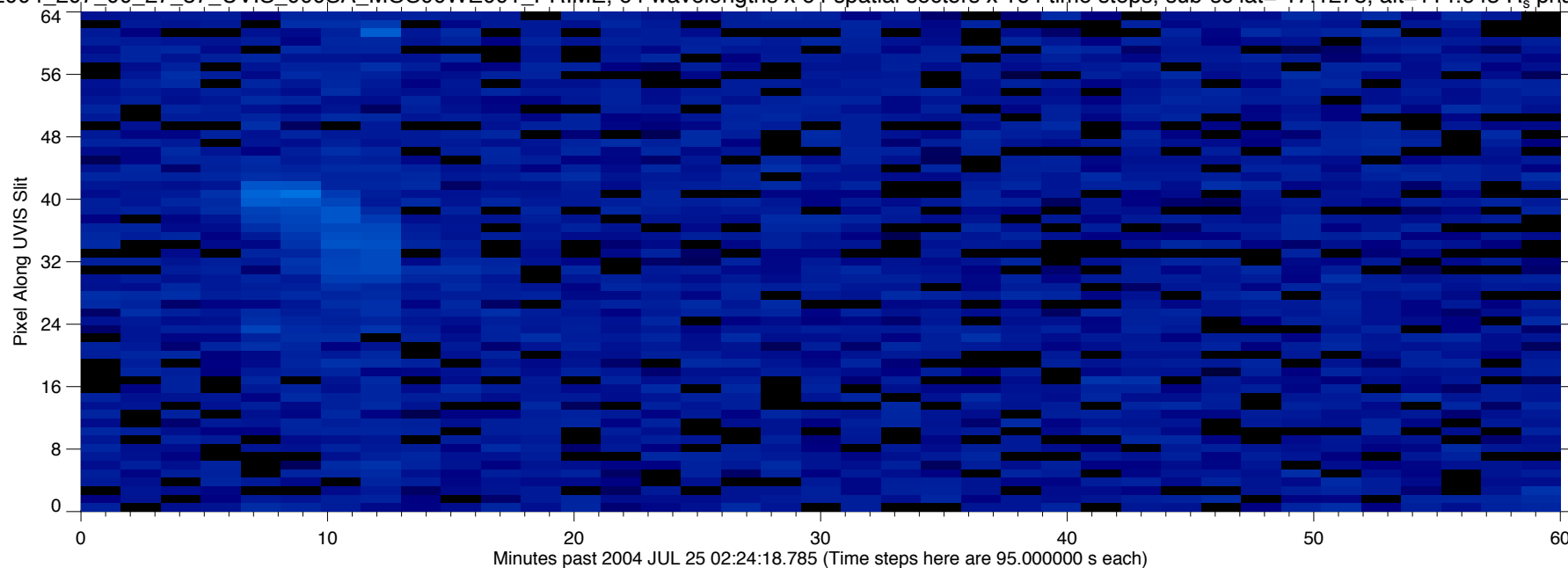
FUV2004_207_00_27_57_UVIS_000SA_MOS00WE001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1278, alt=114.643 R_s, phase=91.5581



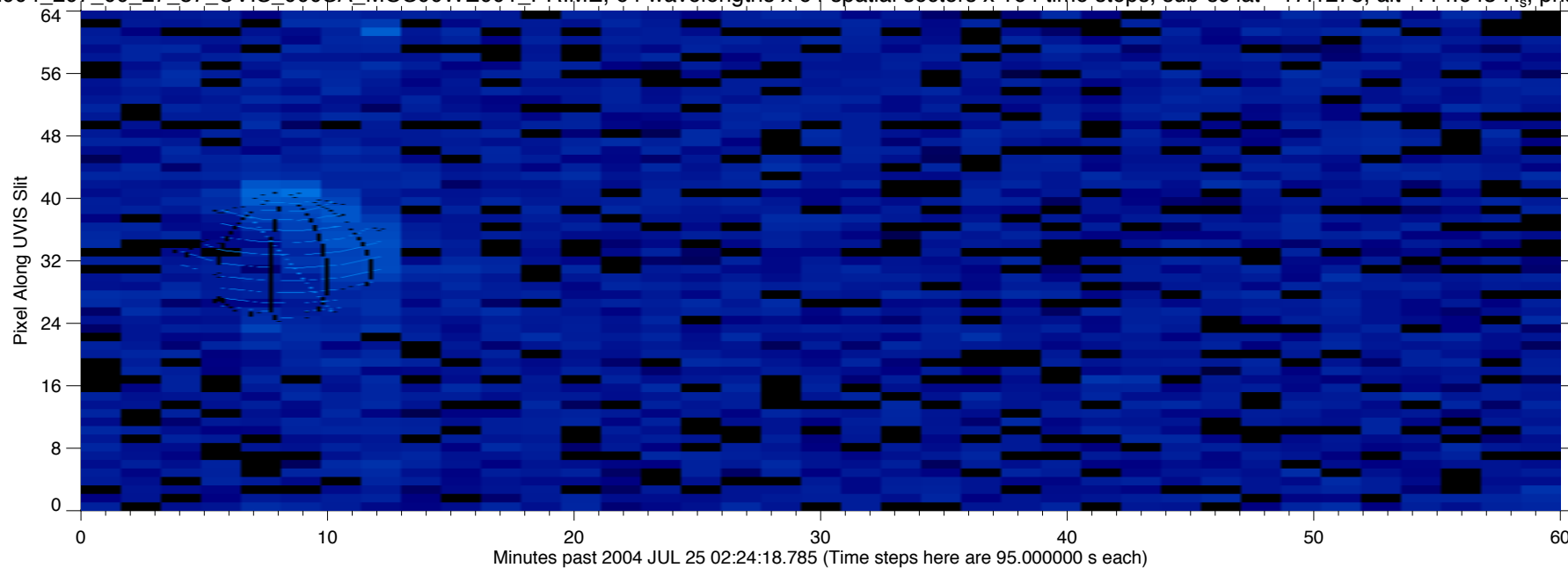
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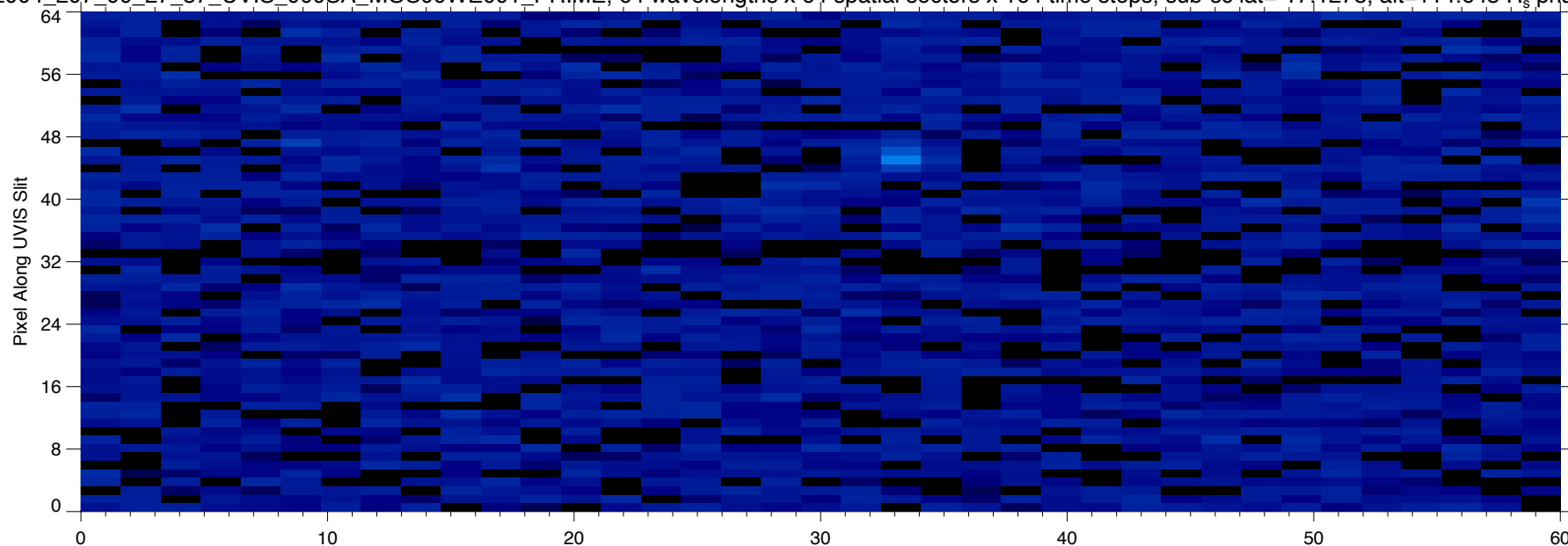
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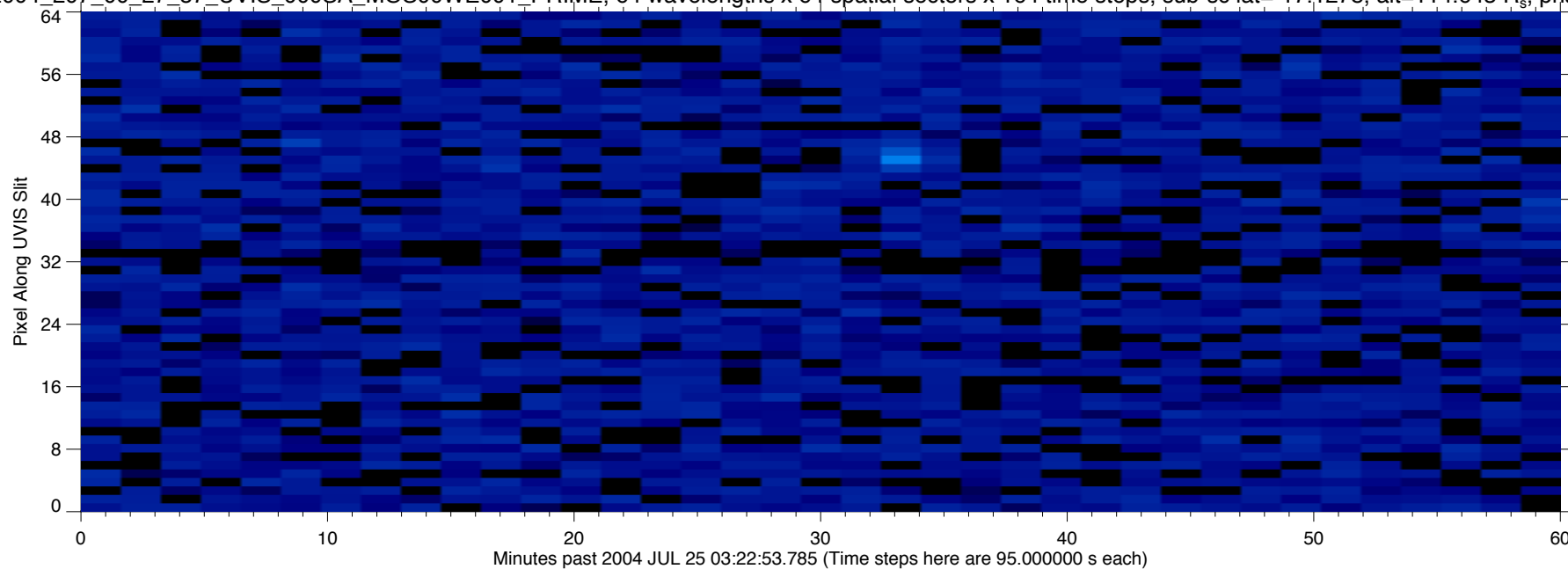
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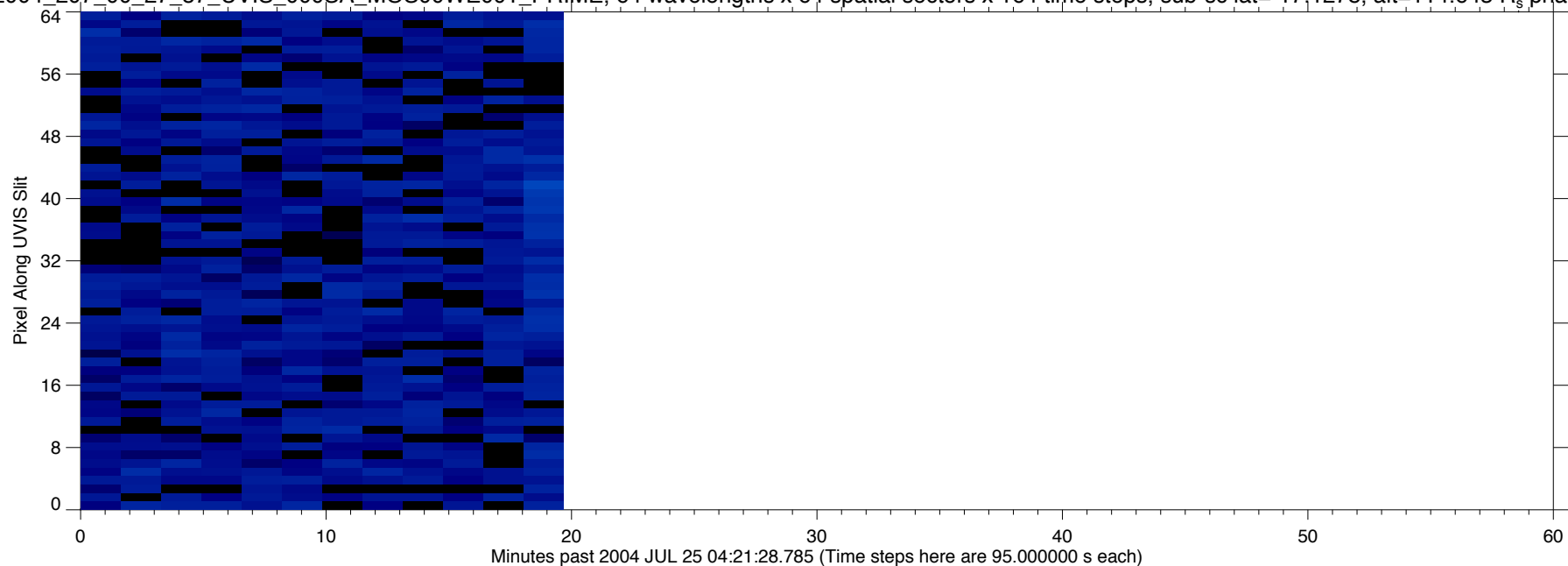
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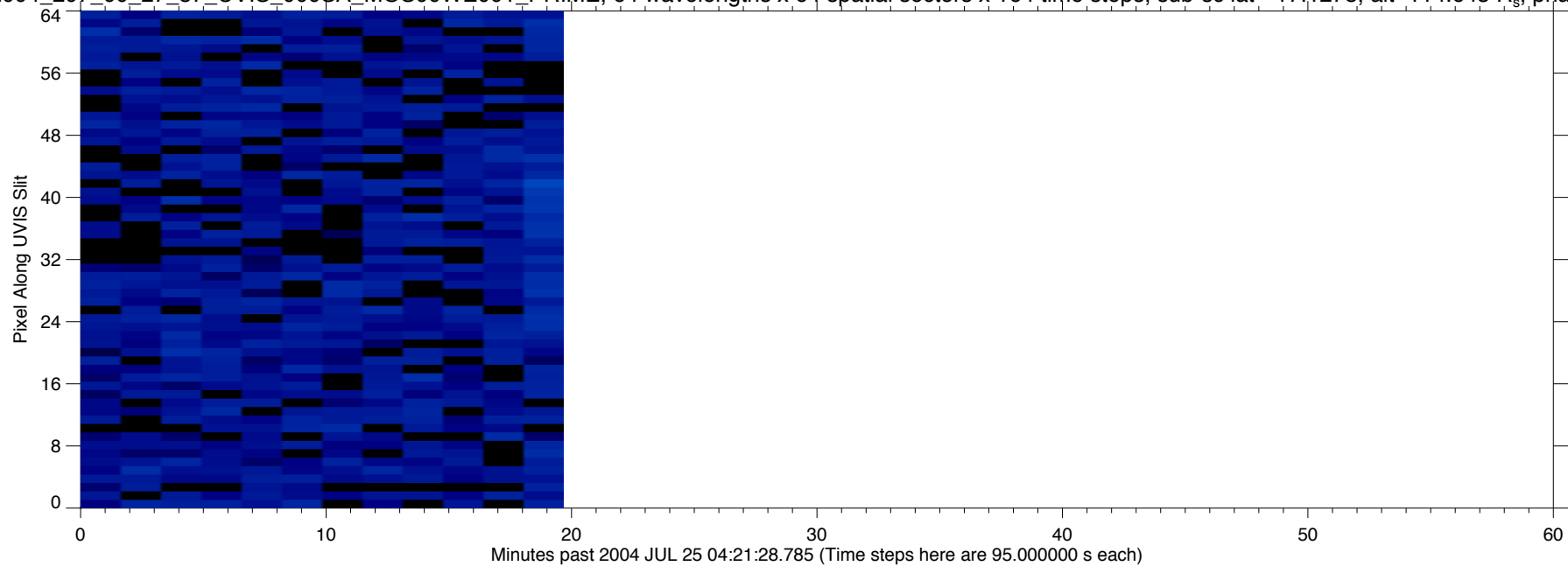
FUV2004_207_00_27_57_UVIS_000SA_MOS00WE001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1278, alt=114.643 R_s, phase=91.5581



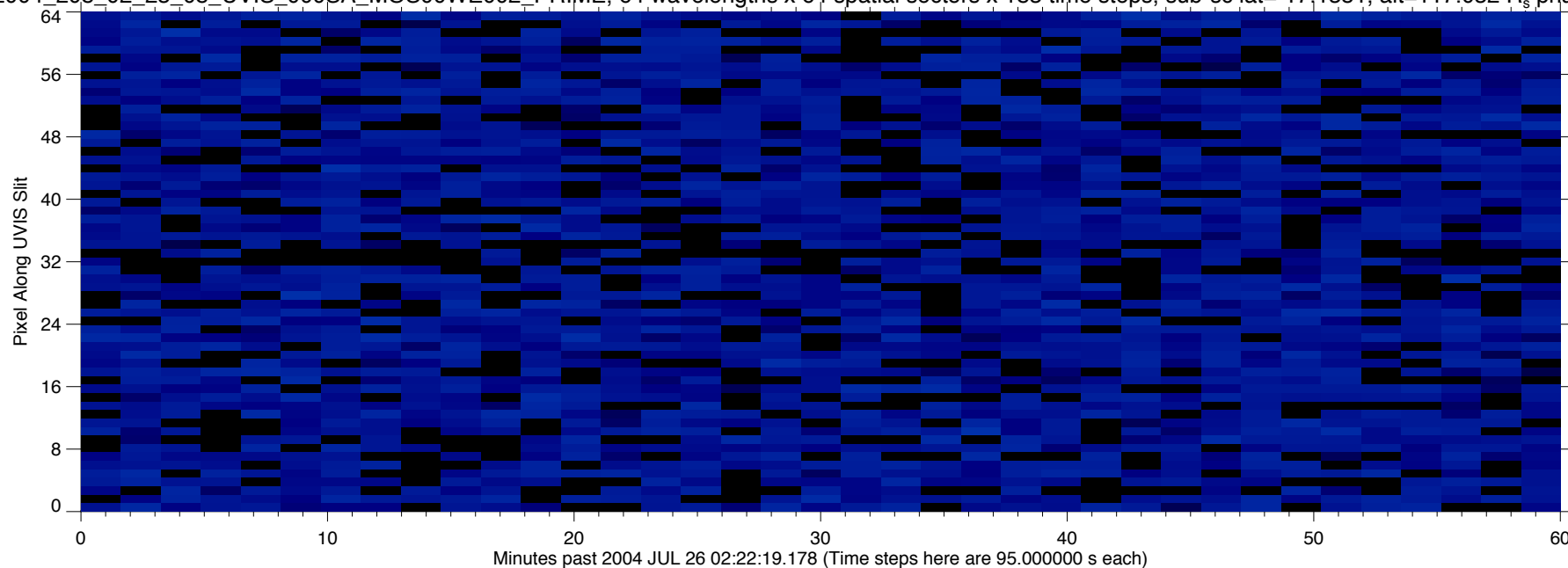
FUV2004_207_00_27_57_UVIS_000SA_MOS00WE001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1278, alt=114.643 R_s, phase=91.5581



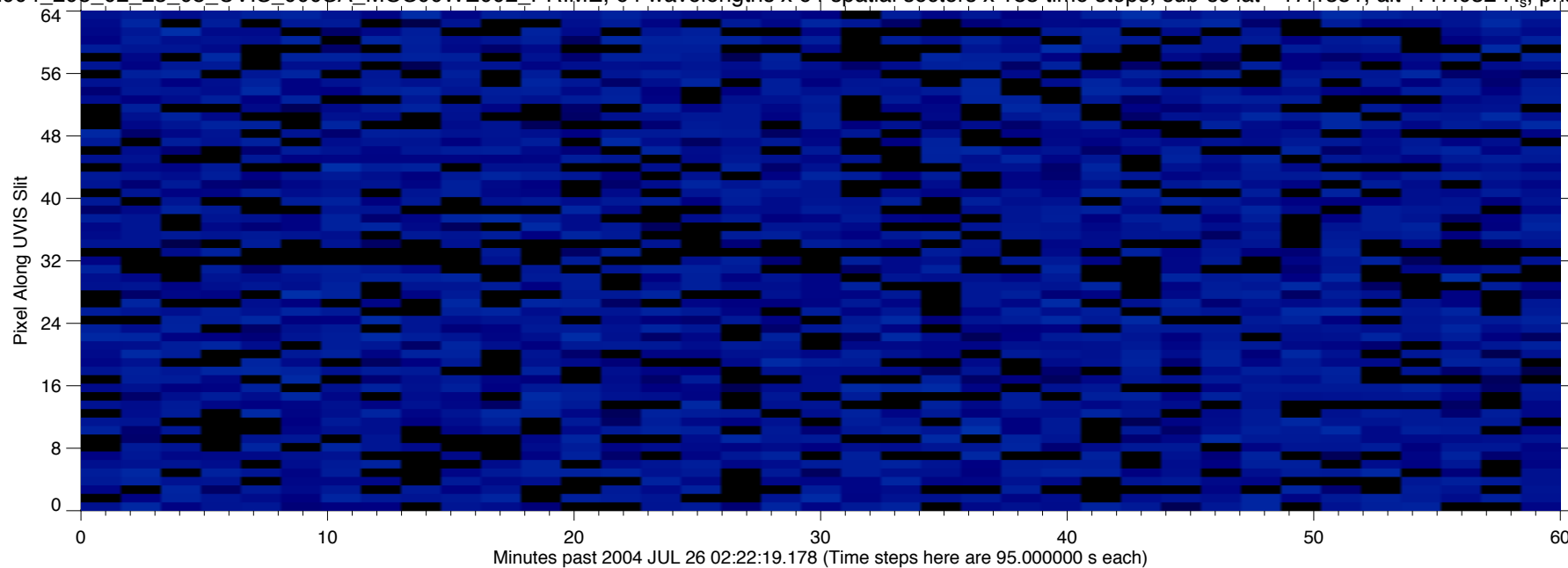
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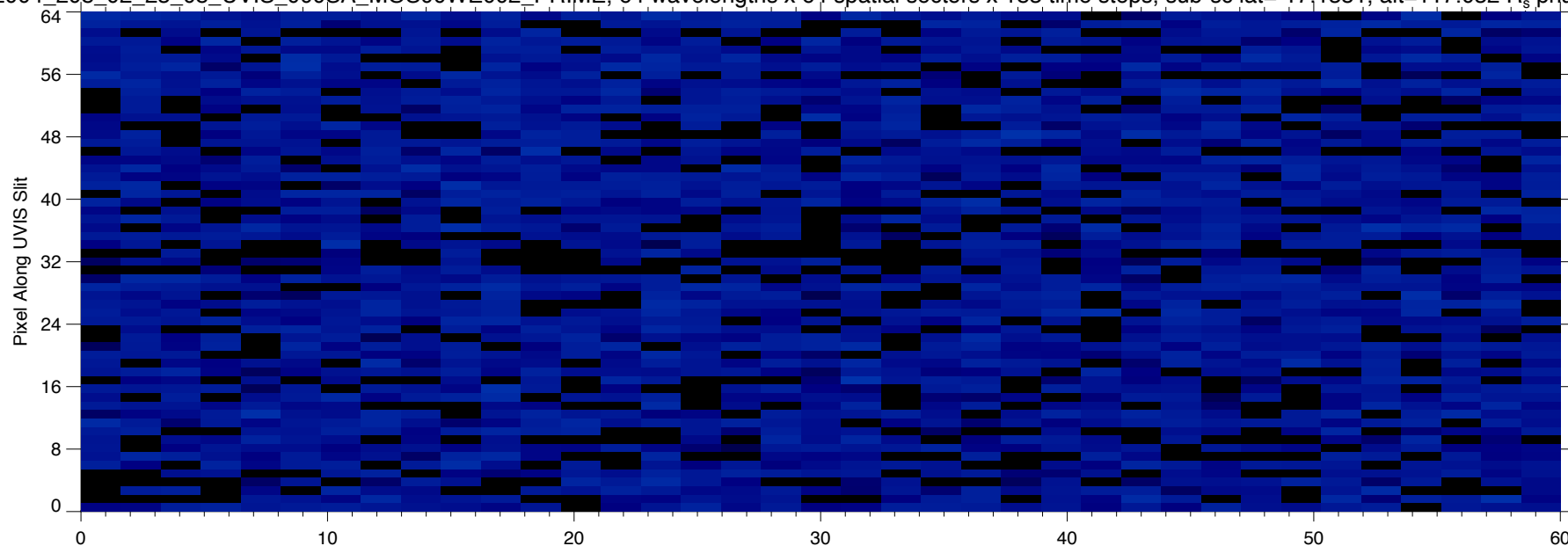
FUV2004_208_02_23_08_UVIS_000SA_MOS00WE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1351, alt=117.032 R_s, phase=91.3576



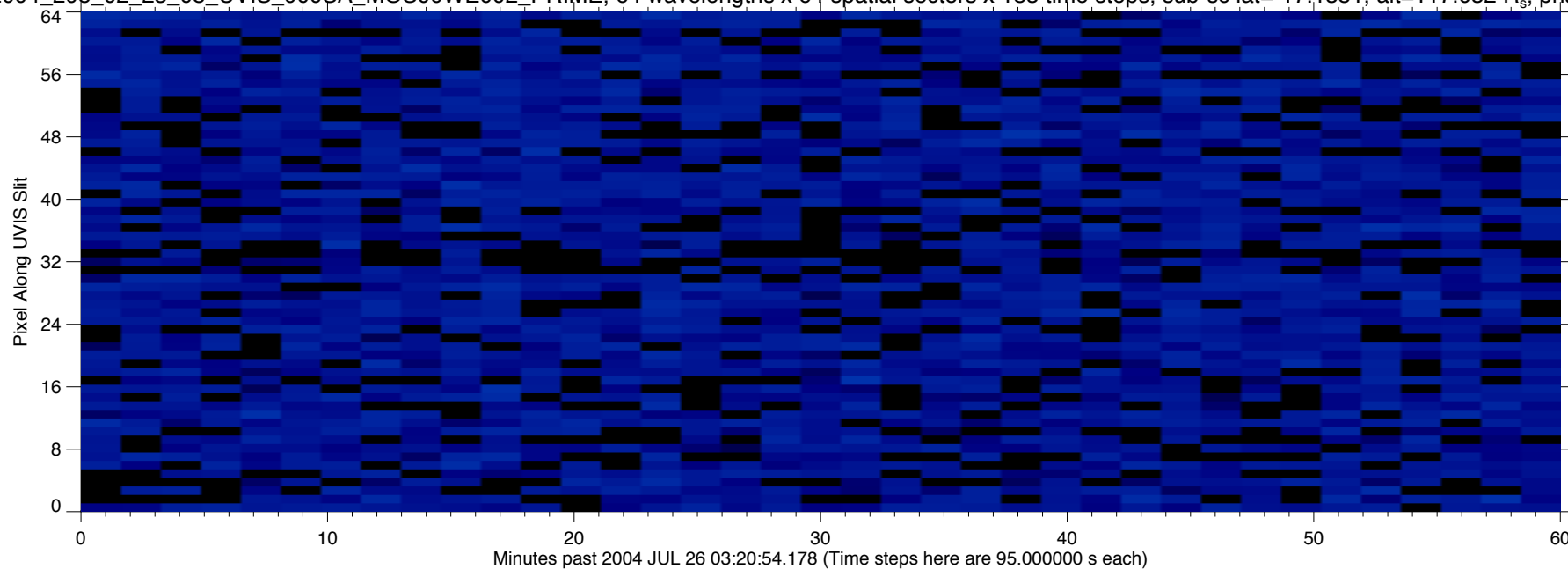
FUV2004_208_02_23_08_UVIS_000SA_MOS00WE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1351, alt=117.032 R_s, phase=91.3576



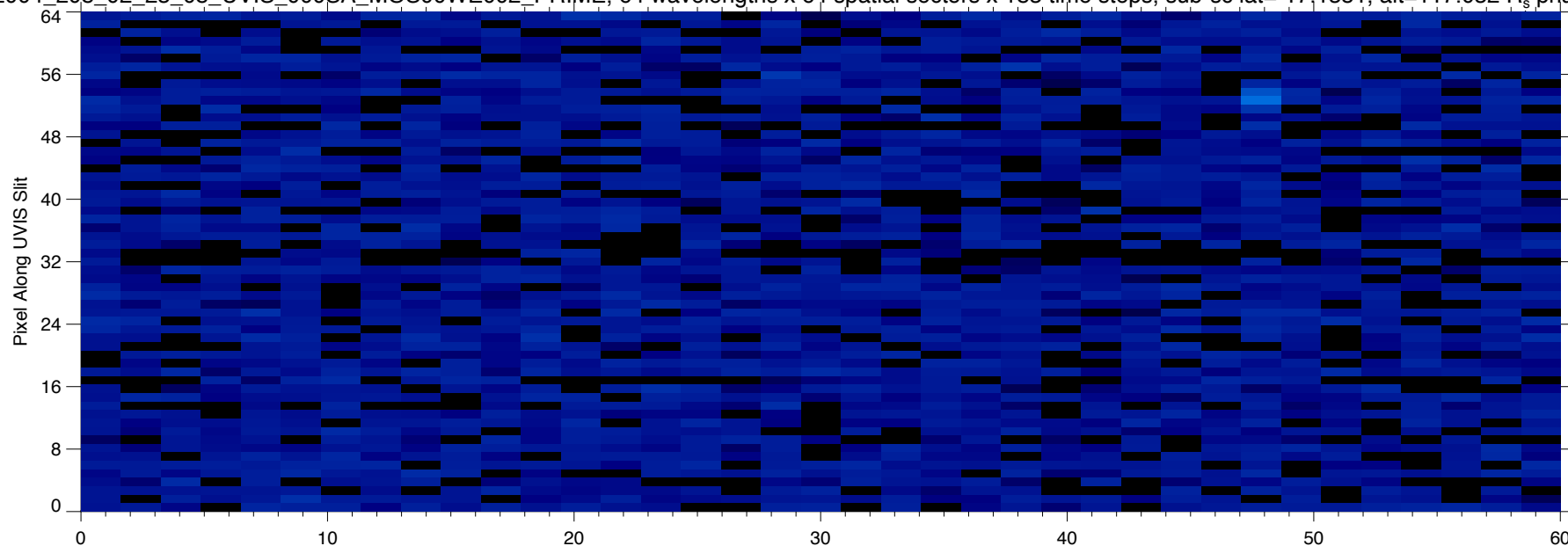
FUV2004_208_02_23_08_UVIS_000SA_MOS00WE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1351, alt=117.032 R_s, phase=91.3576



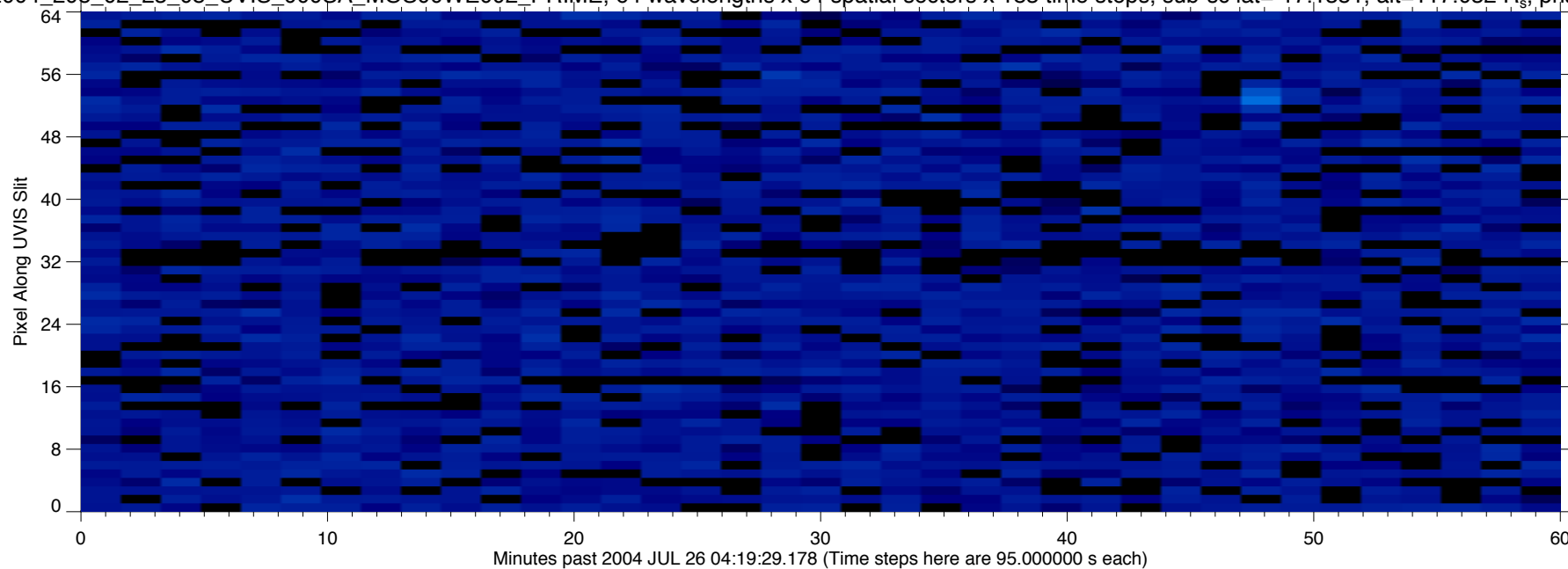
FUV2004_208_02_23_08_UVIS_000SA_MOS00WE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1351, alt=117.032 R_s, phase=91.3576



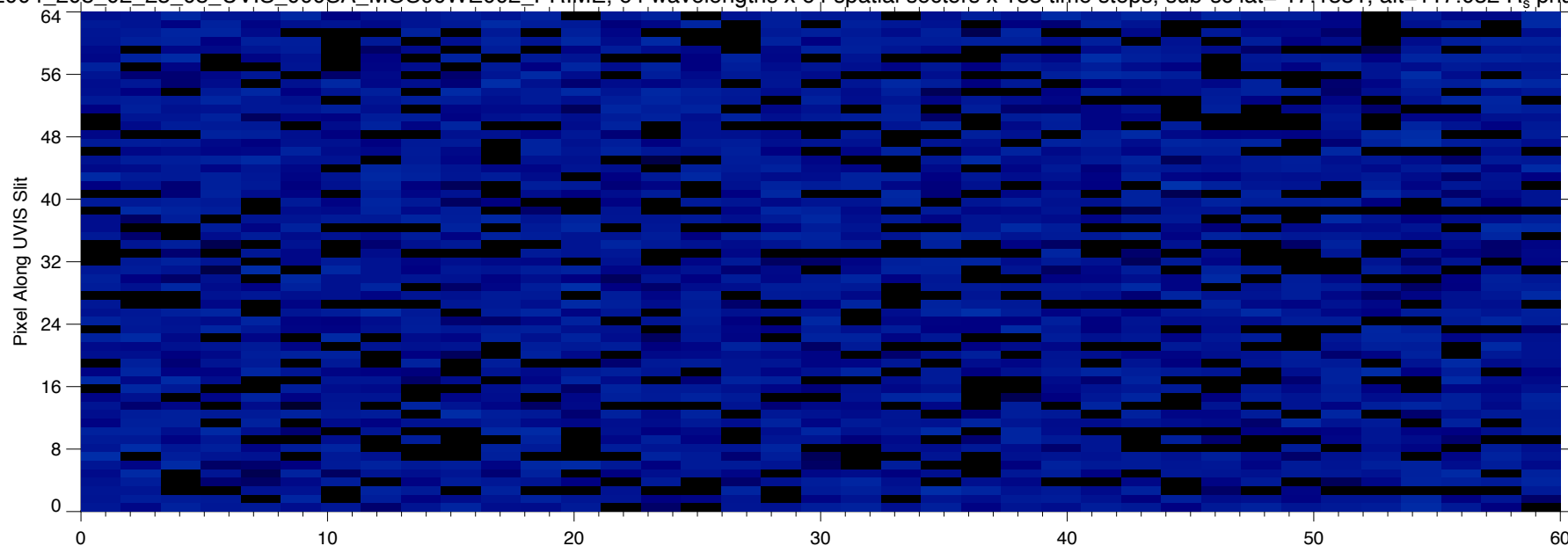
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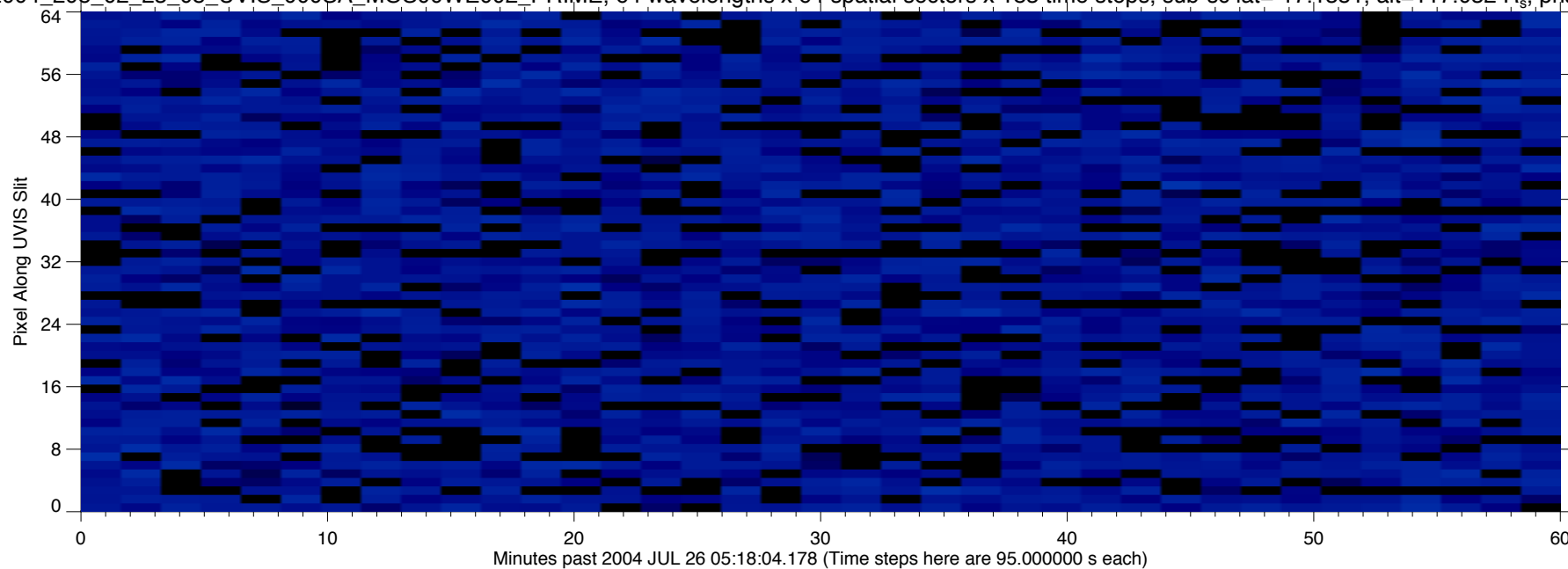
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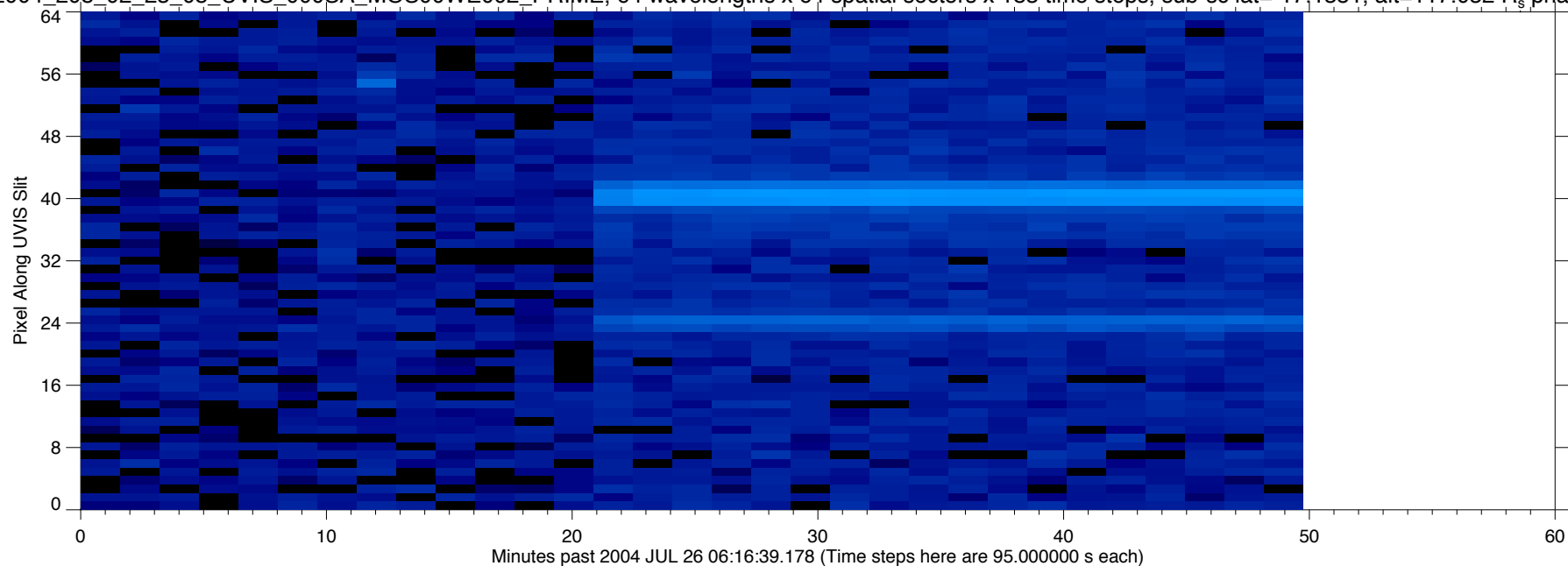
FUV2004_208_02_23_08_UVIS_000SA_MOS00WE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1351, alt=117.032 R_s, phase=91.3576



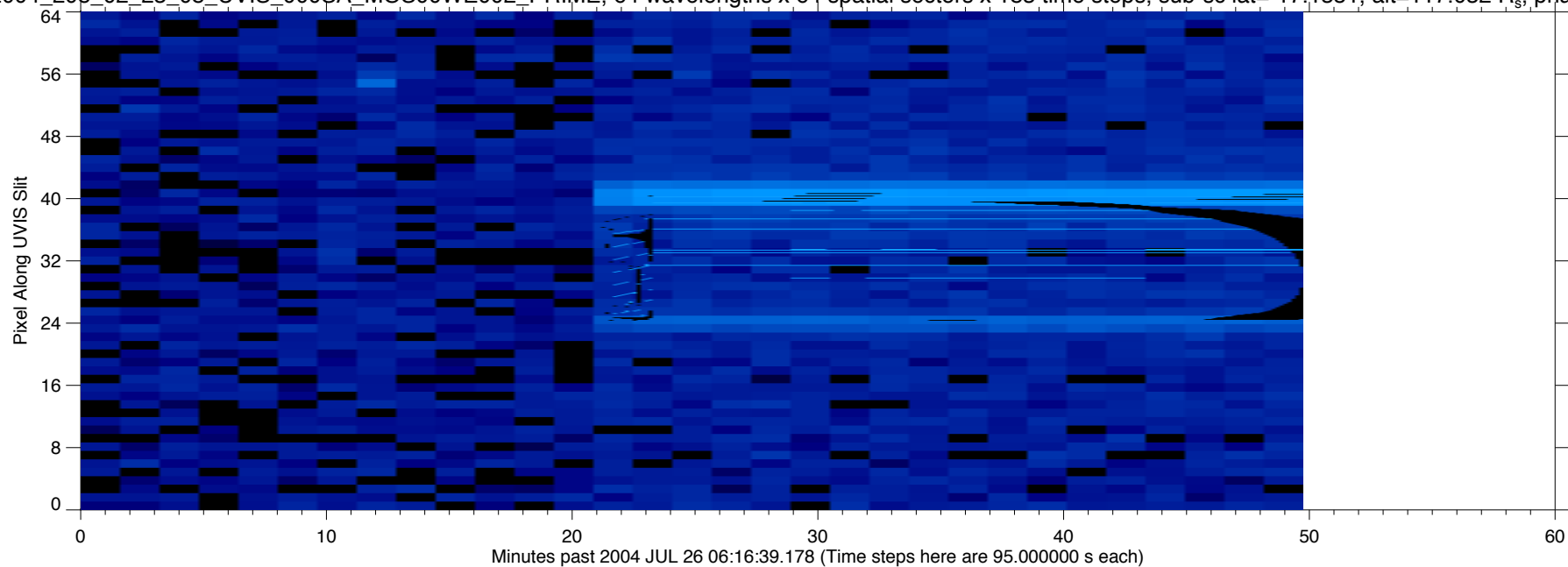
FUV2004_208_02_23_08_UVIS_000SA_MOS00WE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1351, alt=117.032 R_s, phase=91.3576



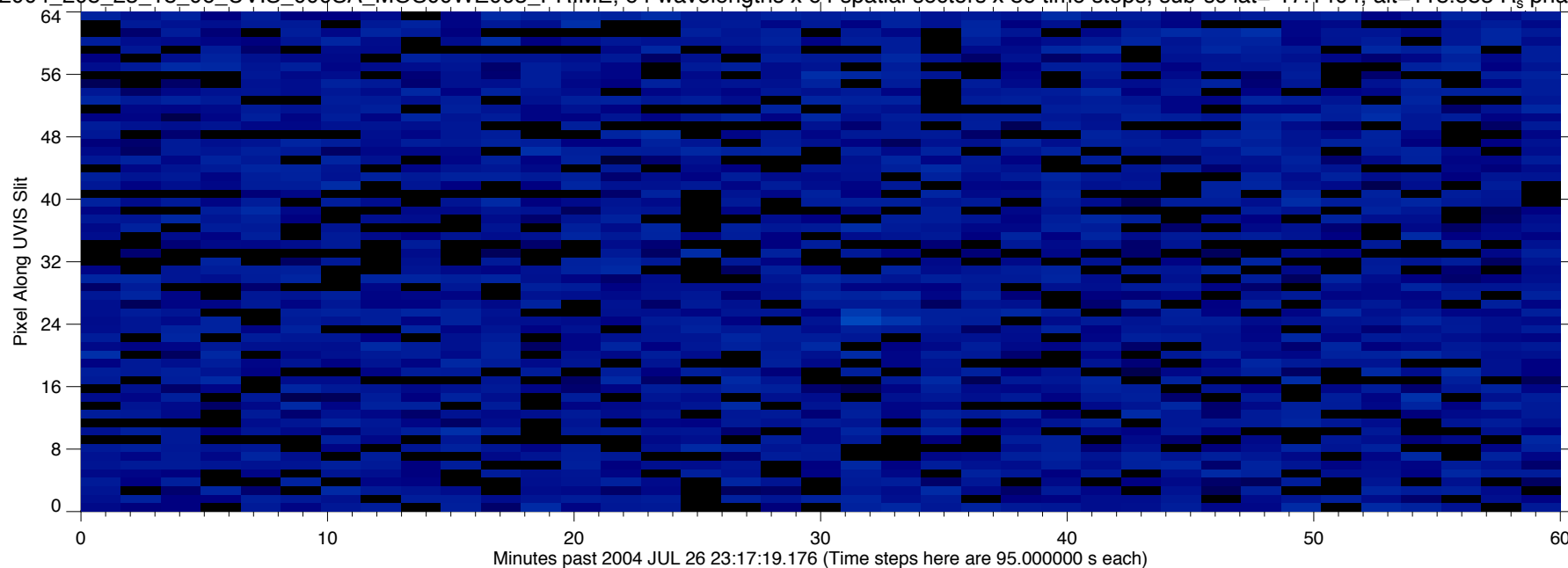
FUV2004_208_02_23_08_UVIS_000SA_MOS00WE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1351, alt=117.032 R_s, phase=91.3576



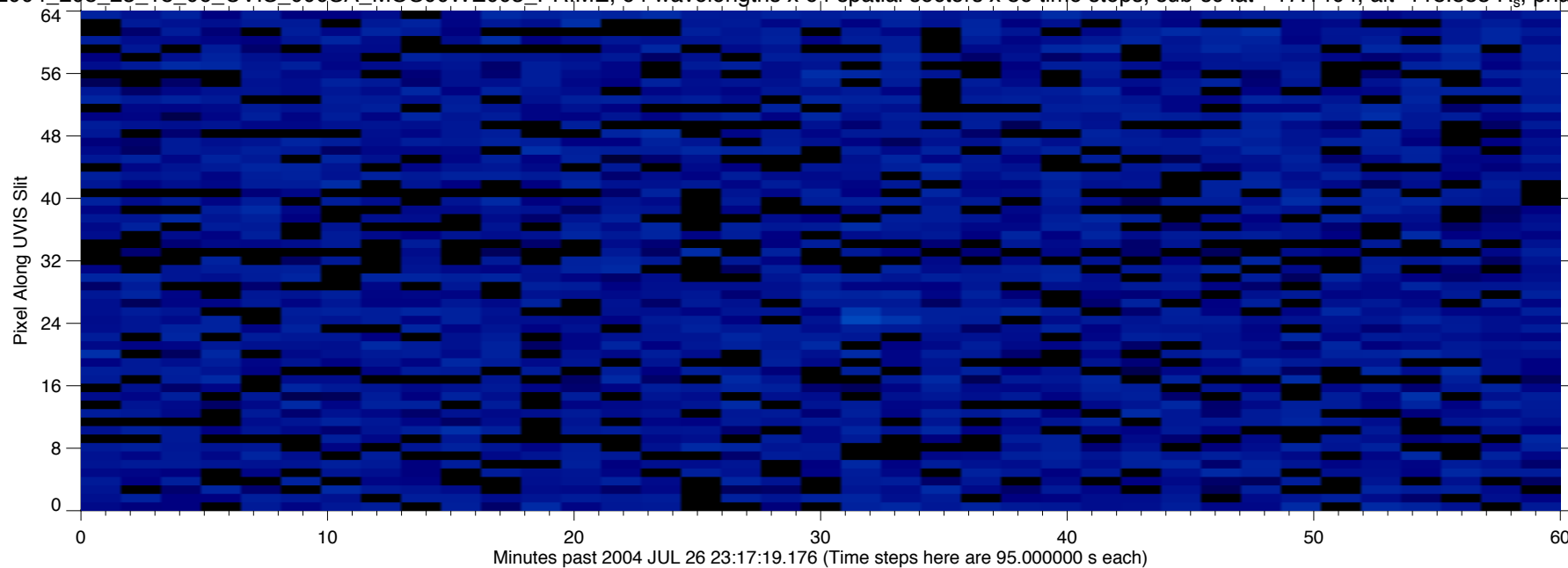
FUV2004_208_02_23_08_UVIS_000SA_MOS00WE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1351, alt=117.032 R_s, phase=91.3576



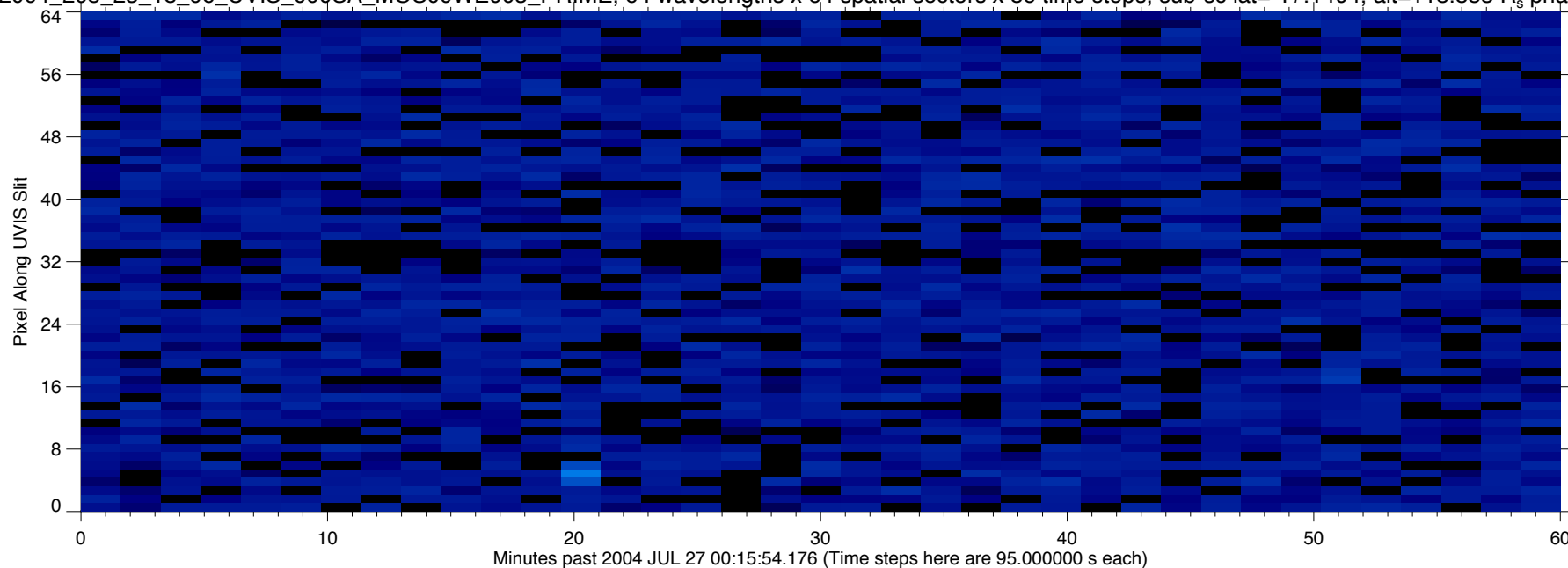
FUV2004_208_23_18_06_UVIS_000SA_MOS00WE003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1404, alt=118.883 R_s, phase=91.2028



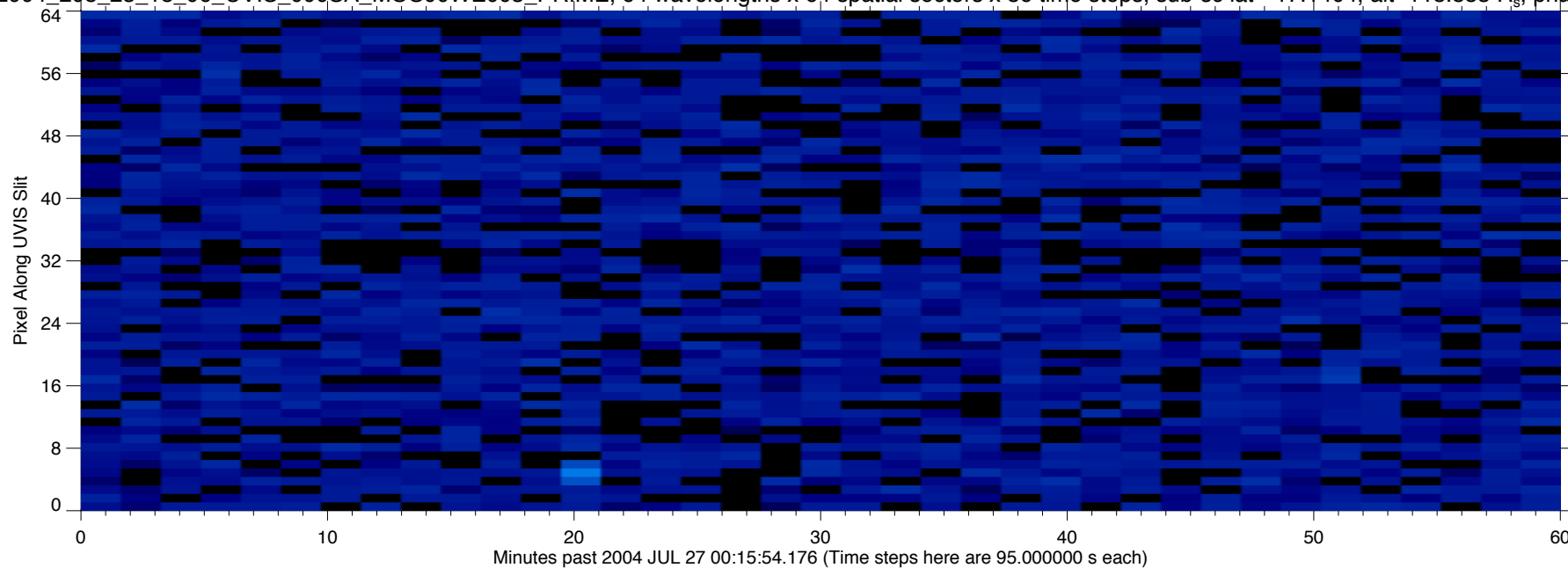
FUV2004_208_23_18_06_UVIS_000SA_MOS00WE003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1404, alt=118.883 R_s, phase=91.2028



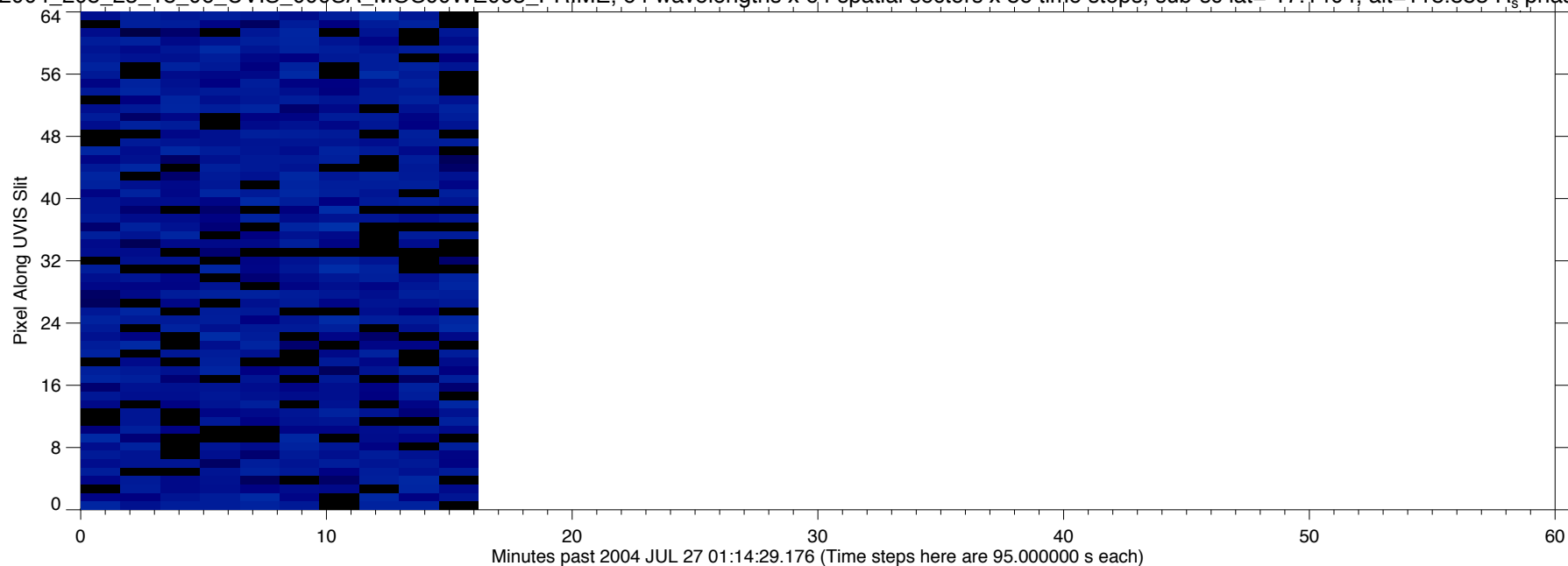
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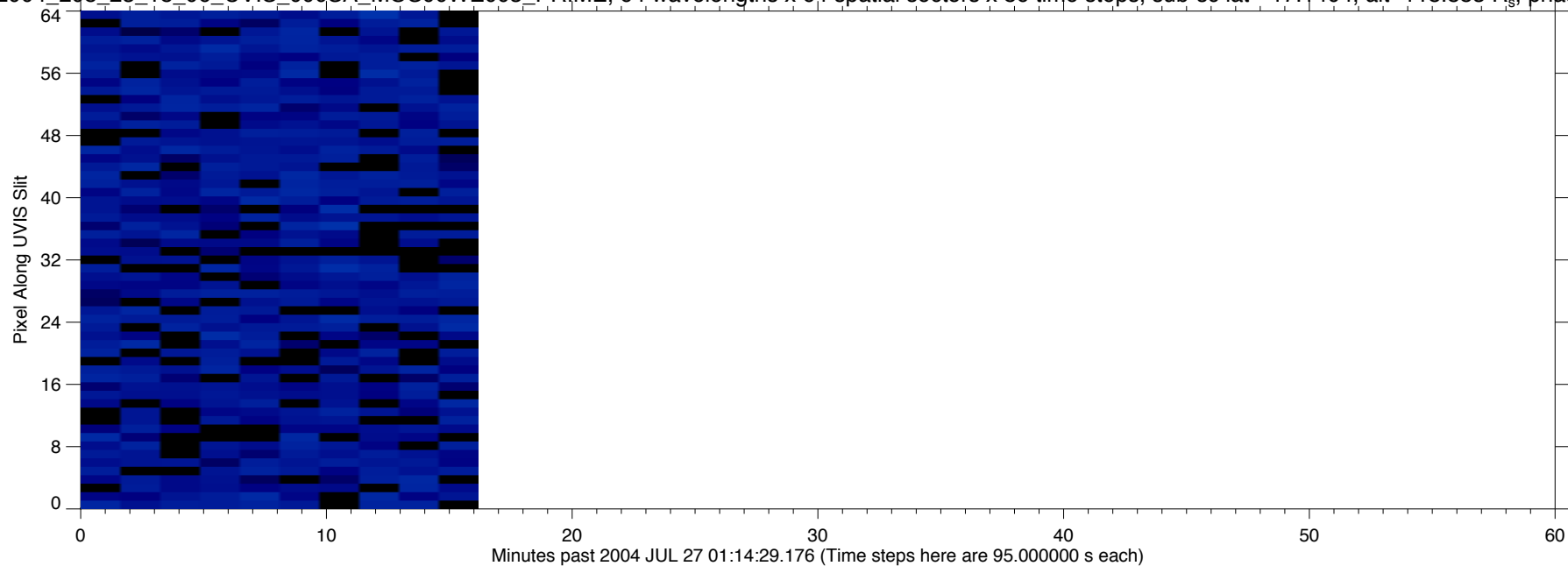
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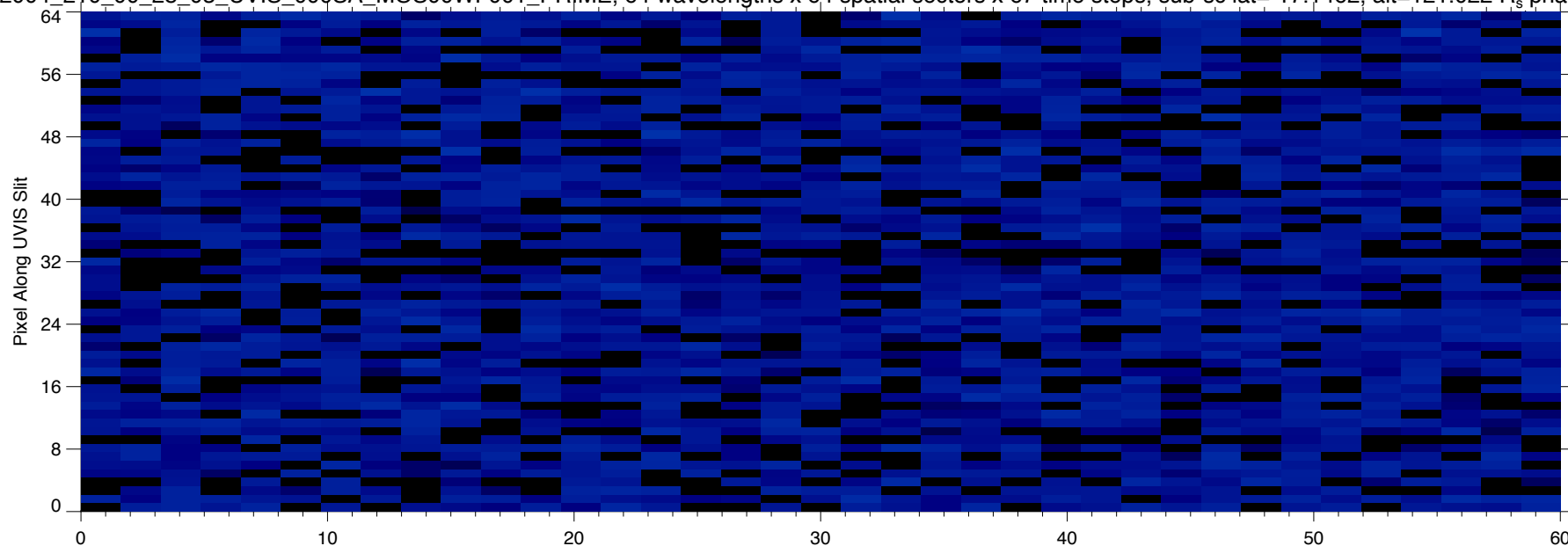
FUV2004_208_23_18_06_UVIS_000SA_MOS00WE003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1404, alt=118.883 R_s phase=91.2028



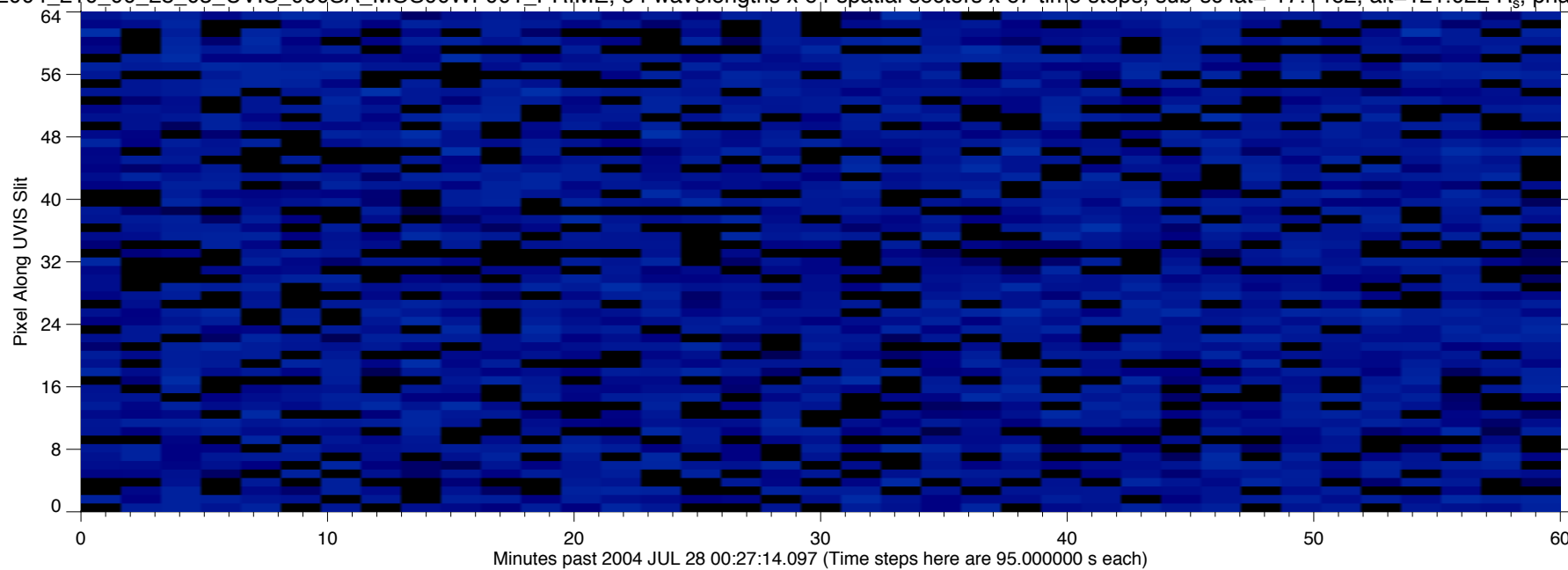
FUV2004_208_23_18_06_UVIS_000SA_MOS00WE003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1404, alt=118.883 R_s, phase=91.2028



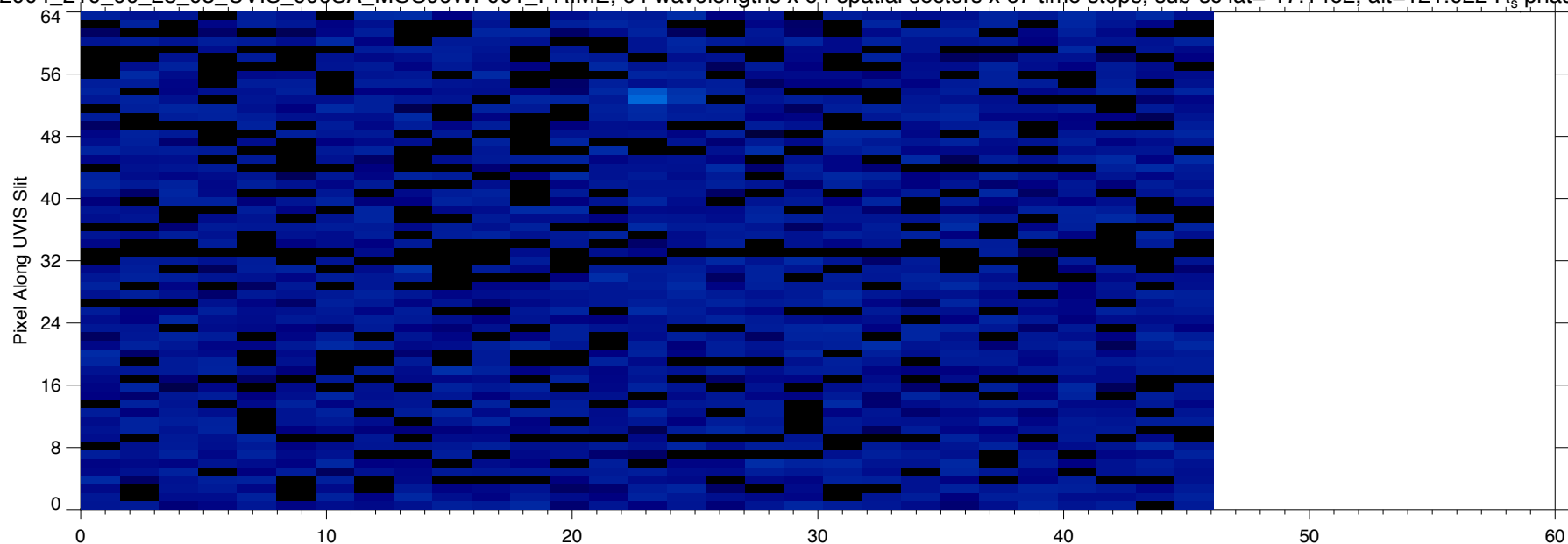
FUV2004_210_00_28_03_UVIS_000SA_MOS00WF001_PRIME, 64 wavelengths x 64 spatial sectors x 67 time steps, sub-sc lat=-17.1462, alt=121.022 R_s, phase=91.0240



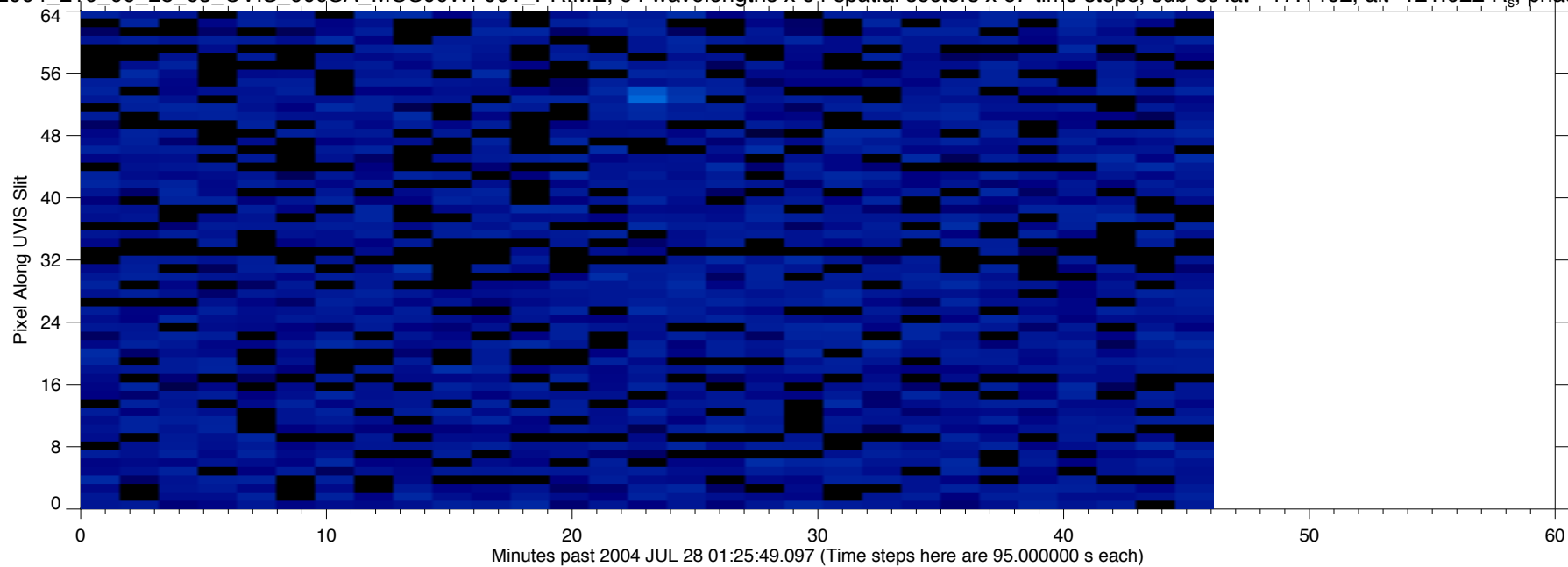
FUV2004_210_00_28_03_UVIS_000SA_MOS00WF001_PRIME, 64 wavelengths x 64 spatial sectors x 67 time steps, sub-sc lat=-17.1462, alt=121.022 R_s, phase=91.0240



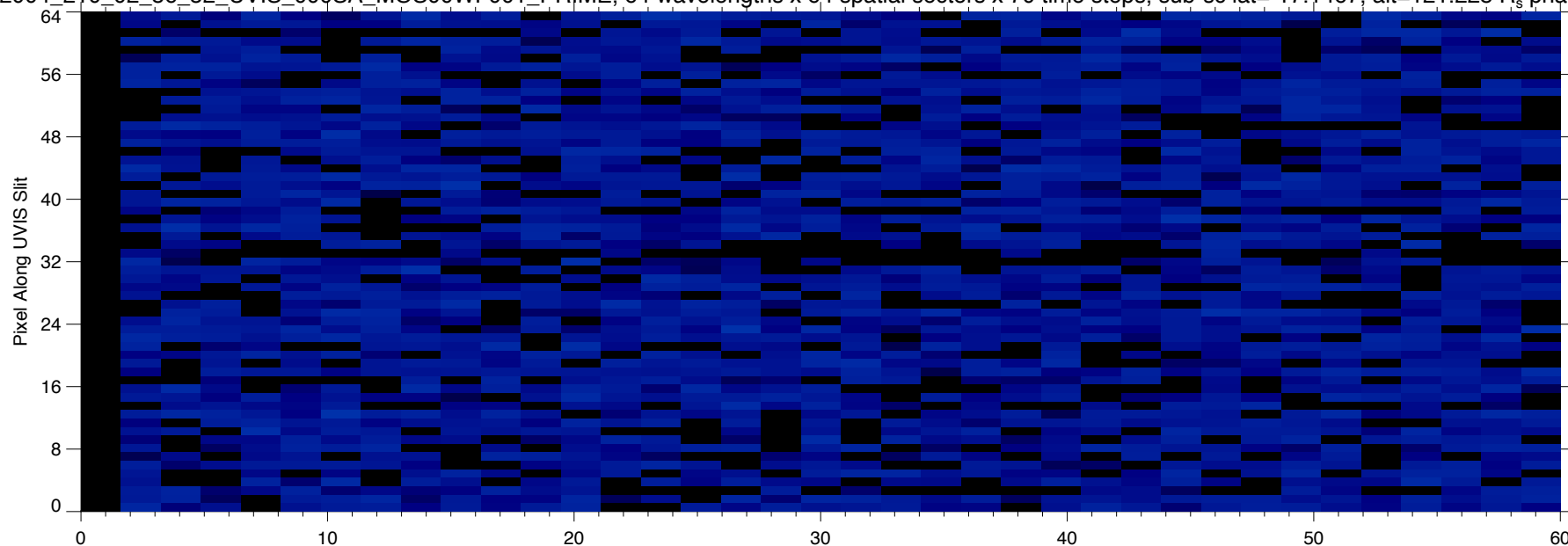
FUV2004_210_00_28_03_UVIS_000SA_MOS00WF001_PRIME, 64 wavelengths x 64 spatial sectors x 67 time steps, sub-sc lat=-17.1462, alt=121.022 R_s, phase=91.0240



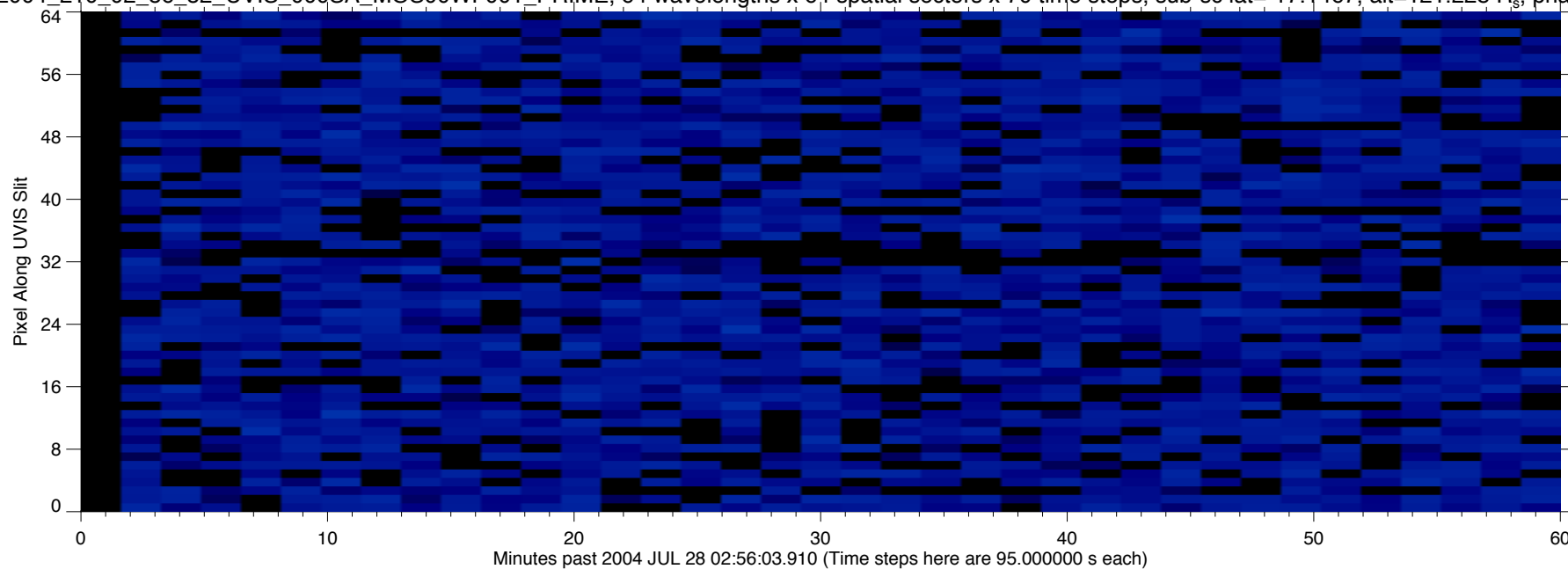
FUV2004_210_00_28_03_UVIS_000SA_MOS00WF001_PRIME, 64 wavelengths x 64 spatial sectors x 67 time steps, sub-sc lat=-17.1462, alt=121.022 R_s, phase=91.0240



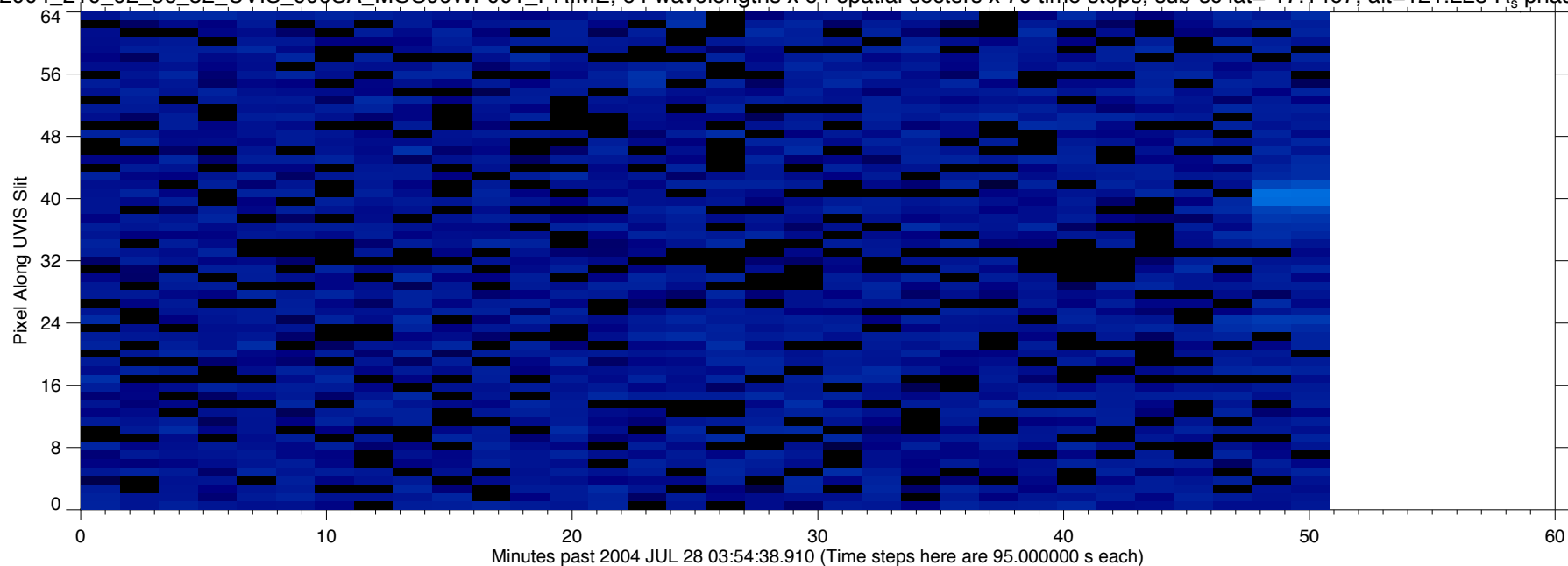
FUV2004_210_02_56_52_UVIS_000SA_MOS00WF001_PRIME, 64 wavelengths x 64 spatial sectors x 70 time steps, sub-sc lat=-17.1467, alt=121.228 R_s, phase=91.0068



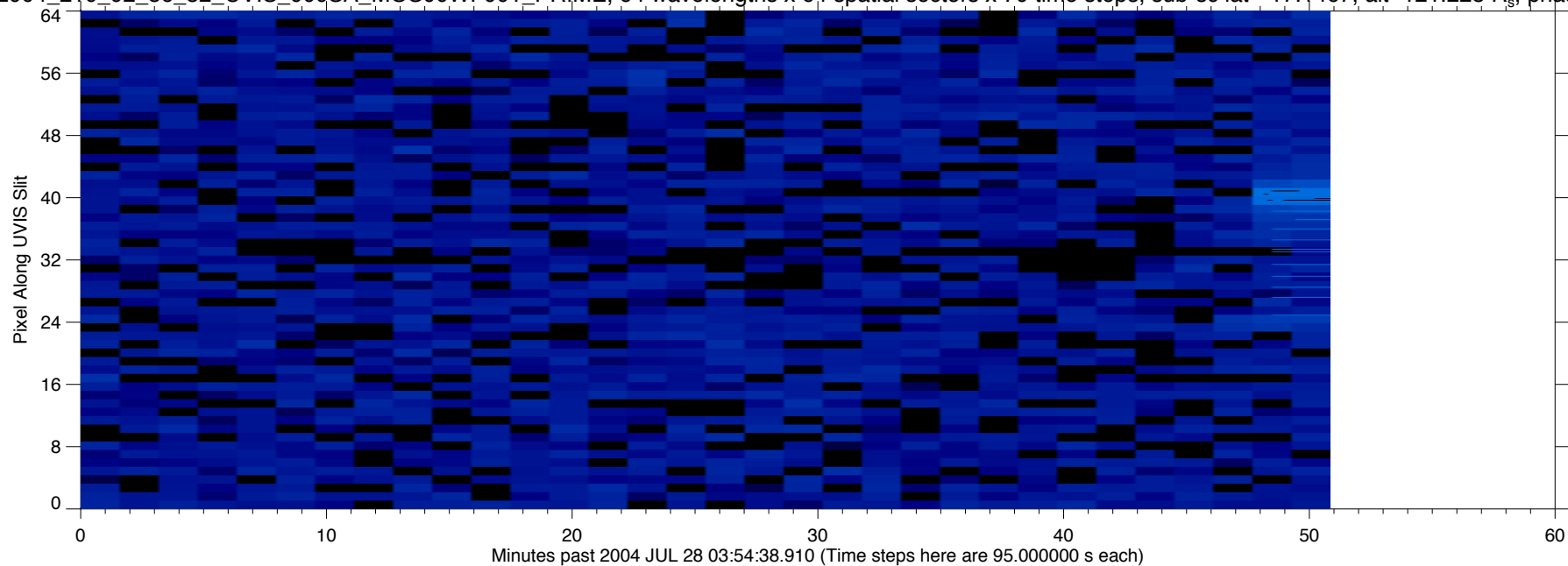
FUV2004_210_02_56_52_UVIS_000SA_MOS00WF001_PRIME, 64 wavelengths x 64 spatial sectors x 70 time steps, sub-sc lat=-17.1467, alt=121.228 R_s, phase=91.0068



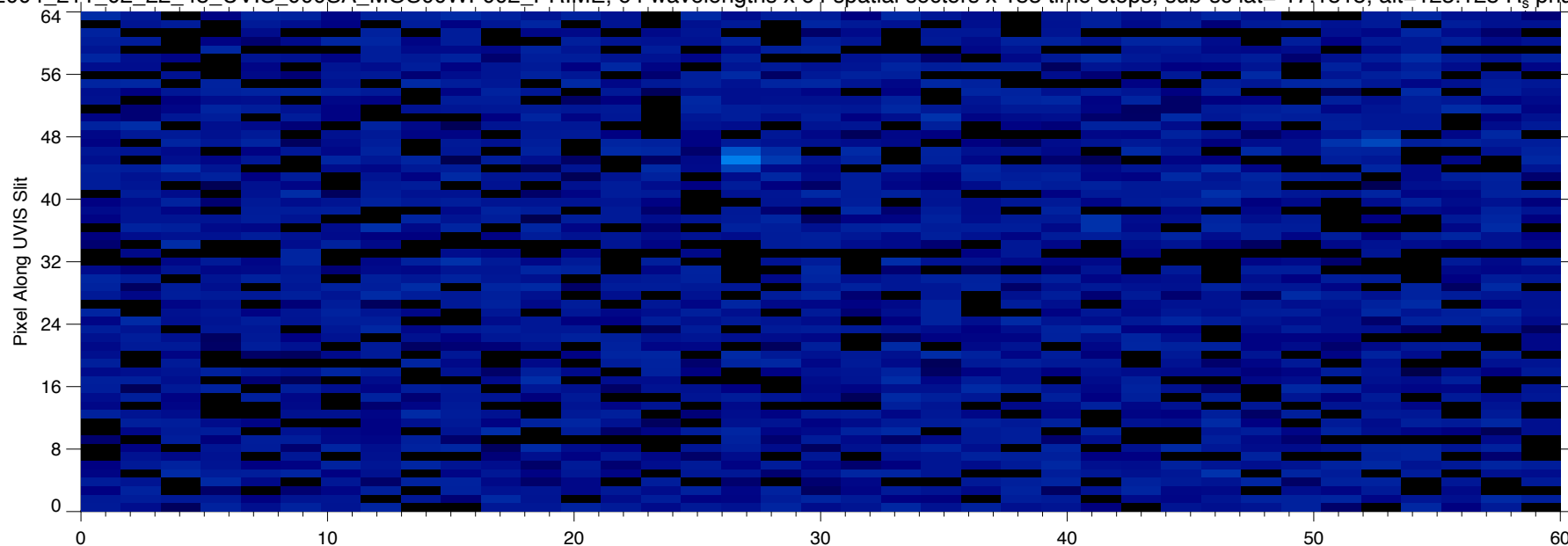
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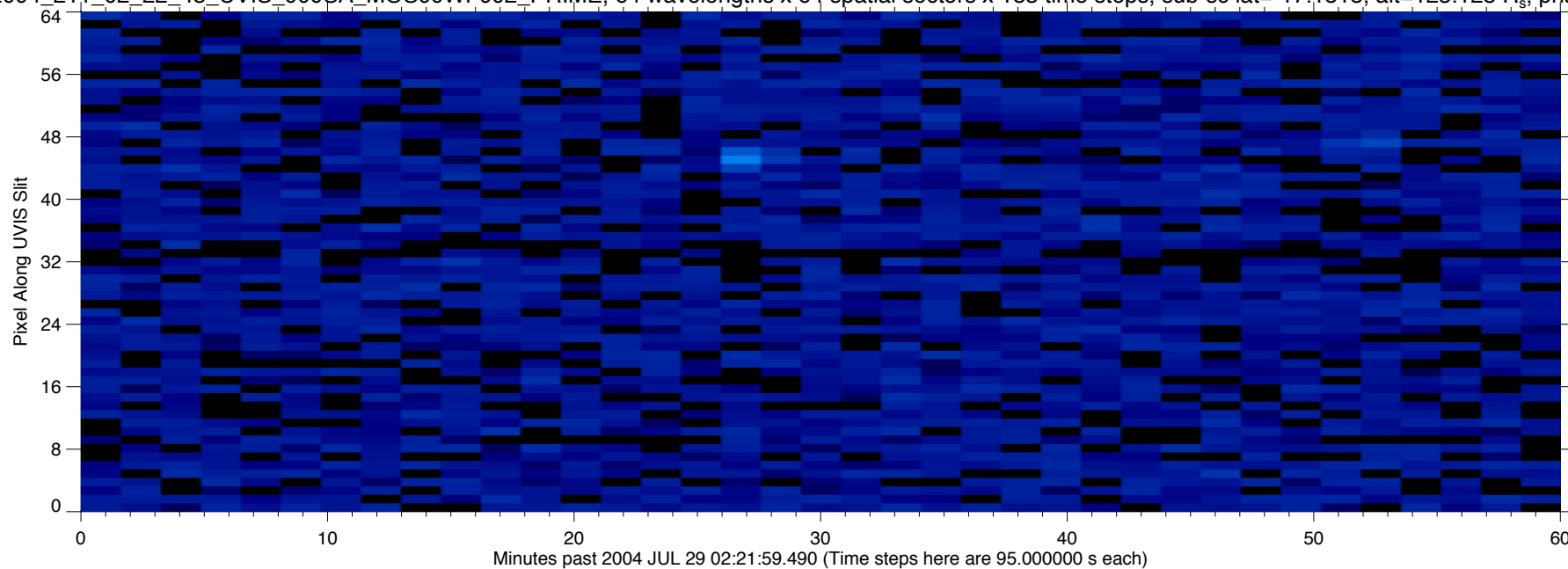
FUV2004_210_02_56_52_UVIS_000SA_MOS00WF001_PRIME, 64 wavelengths x 64 spatial sectors x 70 time steps, sub-sc lat=-17.1467, alt=121.228 R_s, phase=91.0068



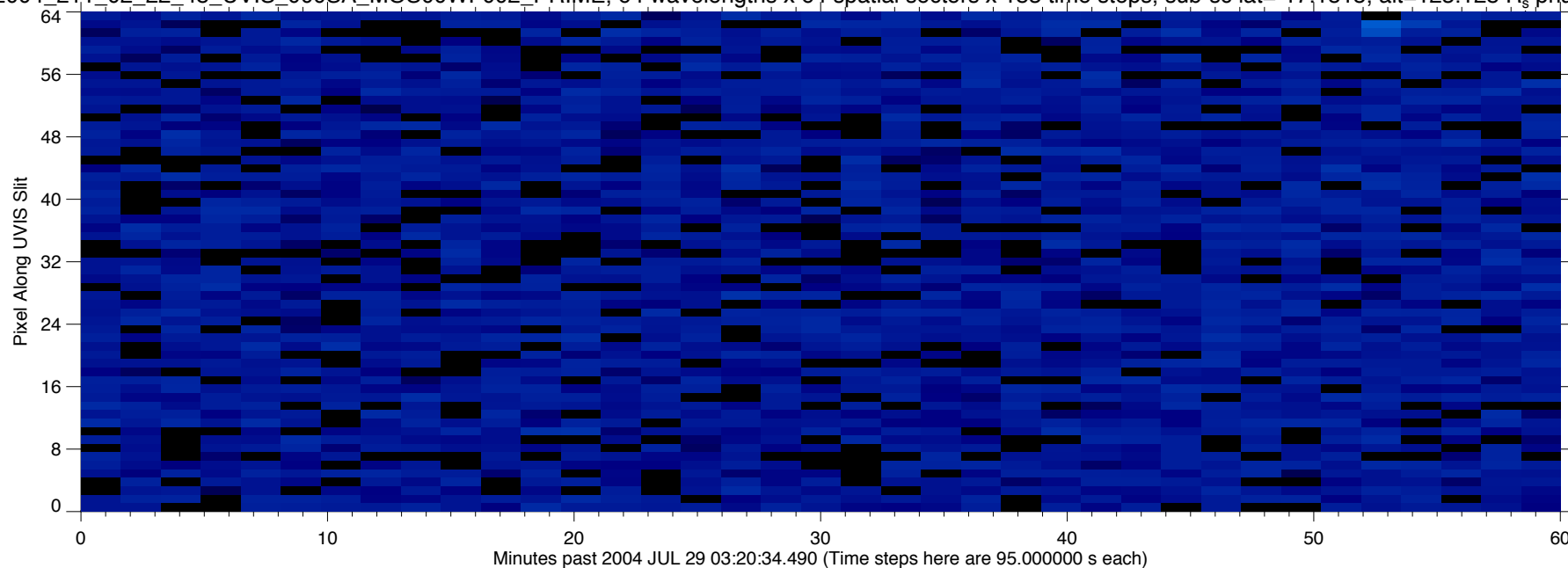
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



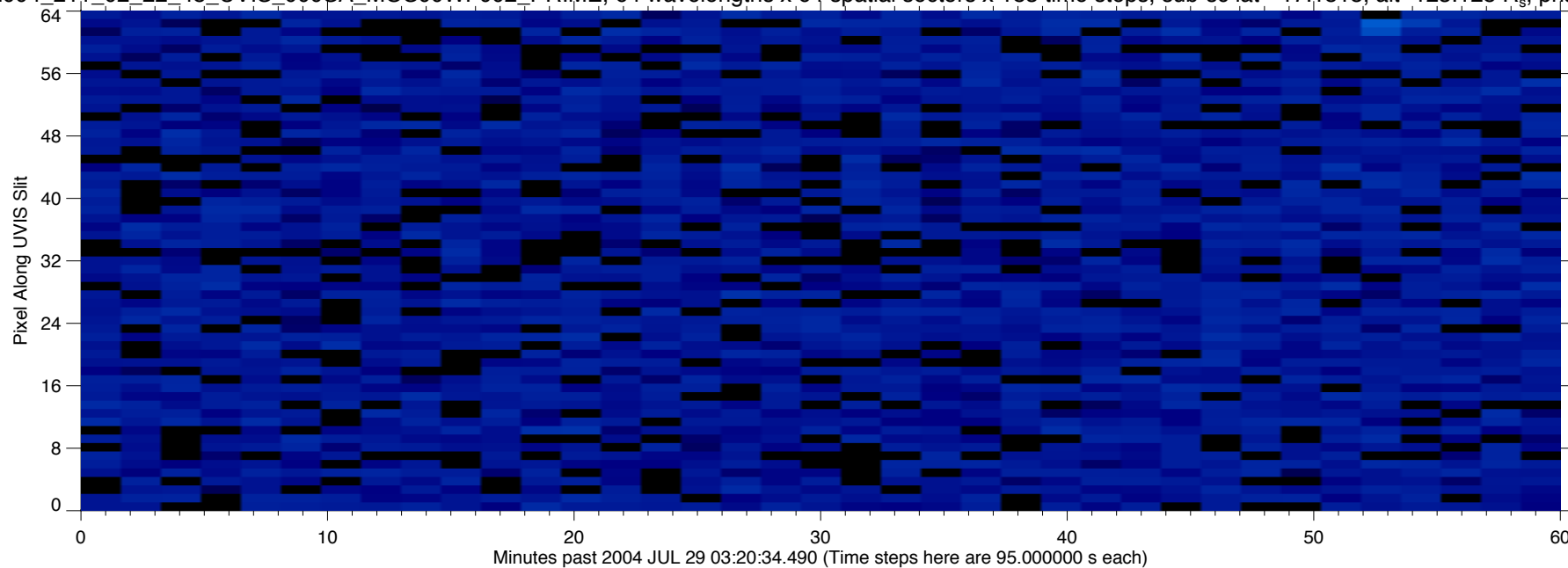
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



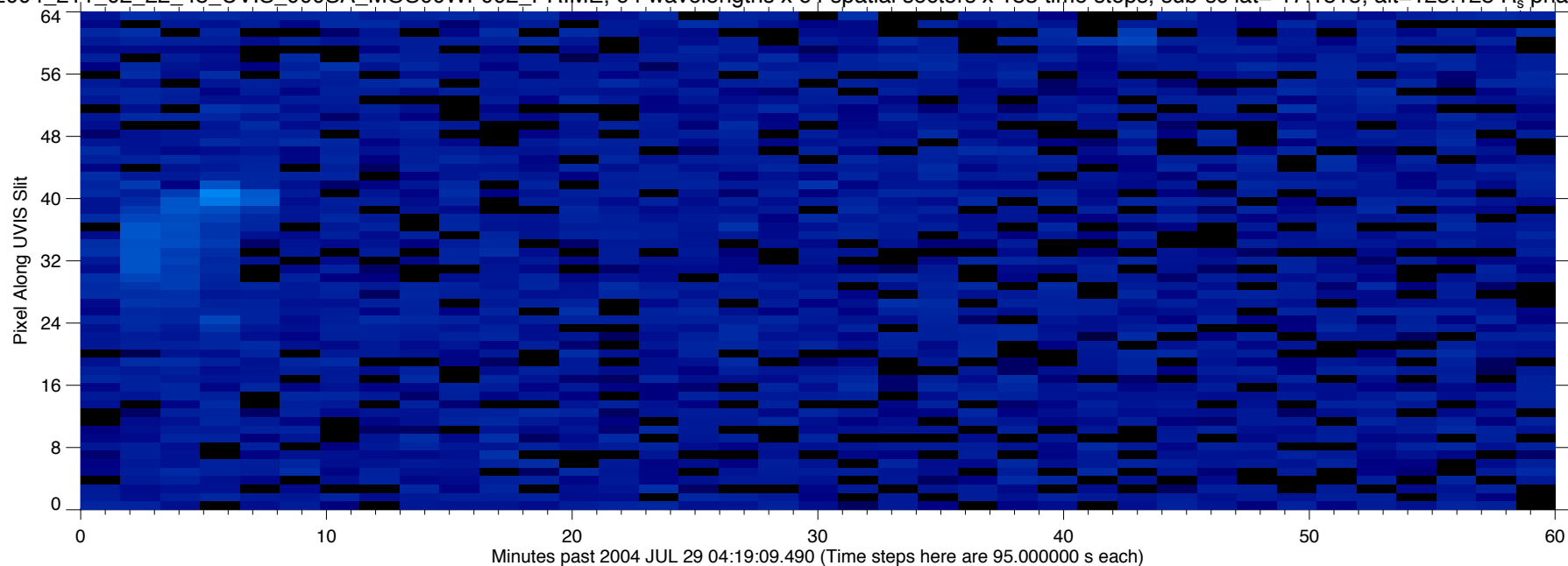
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



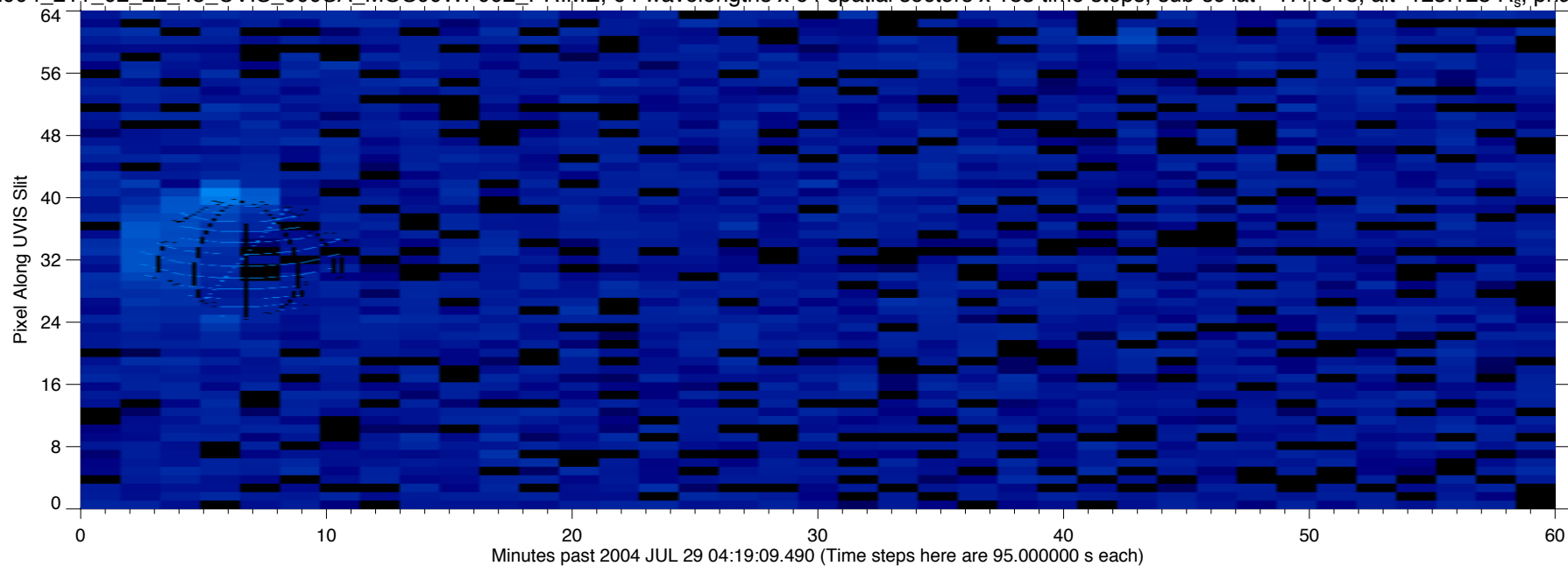
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



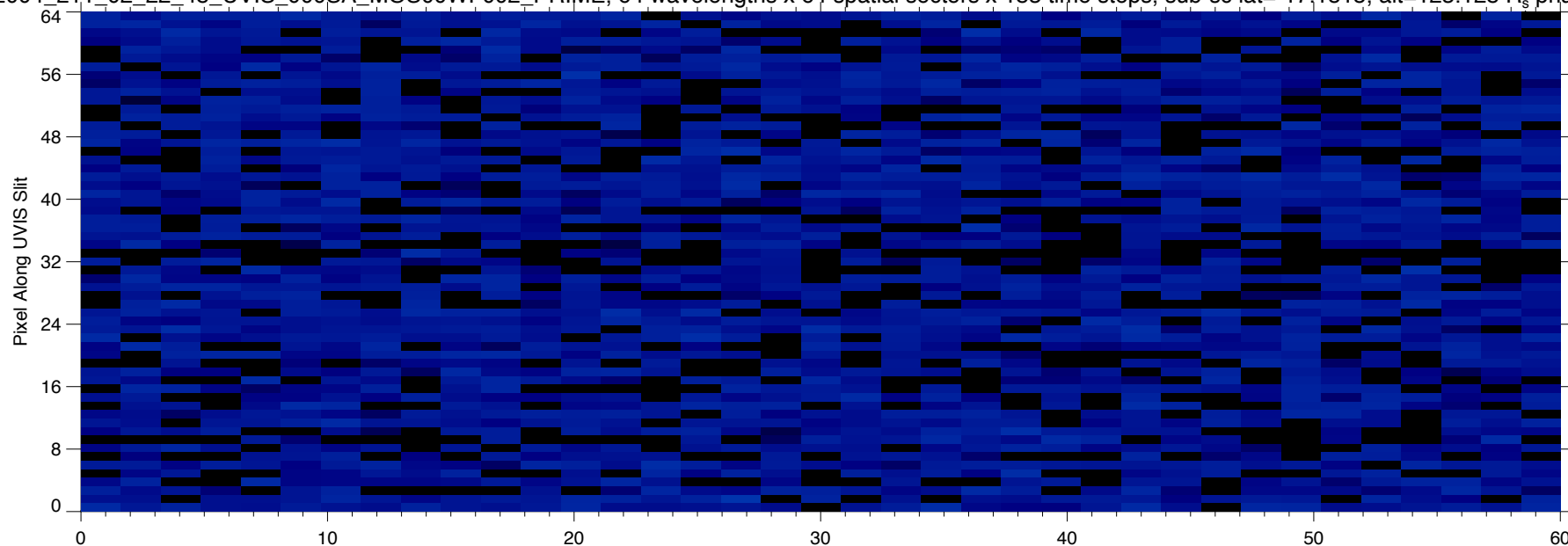
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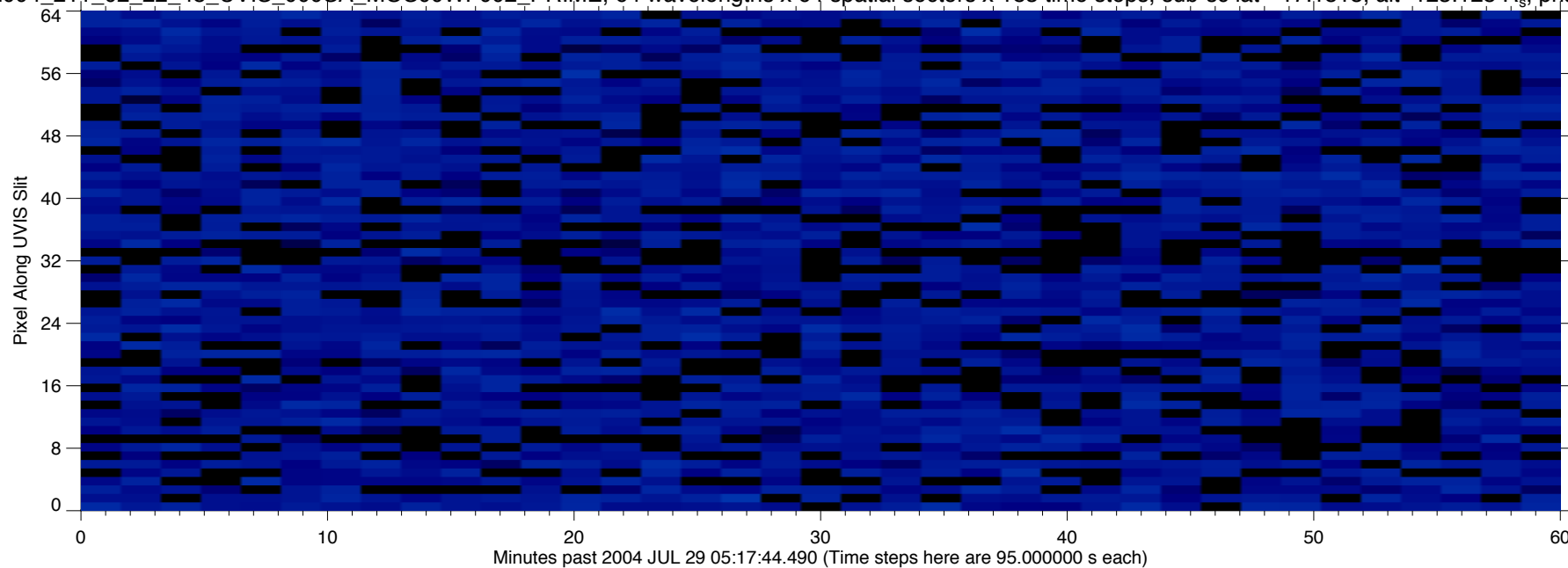
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



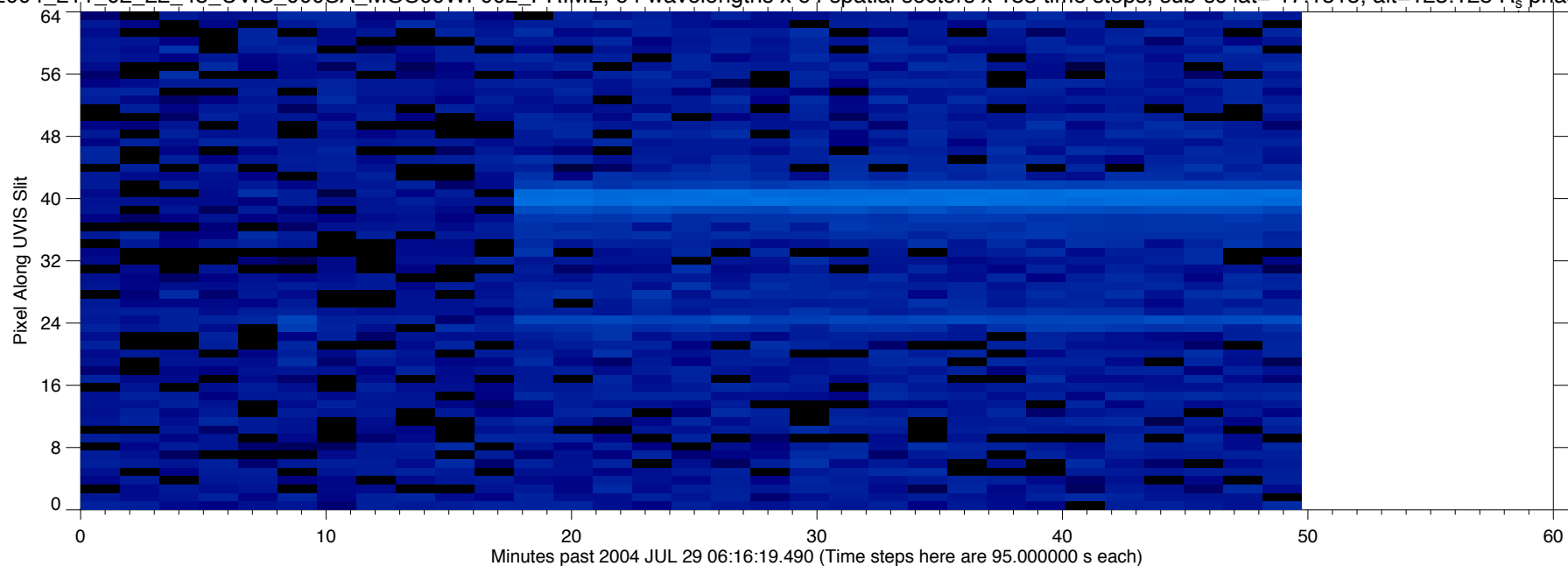
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



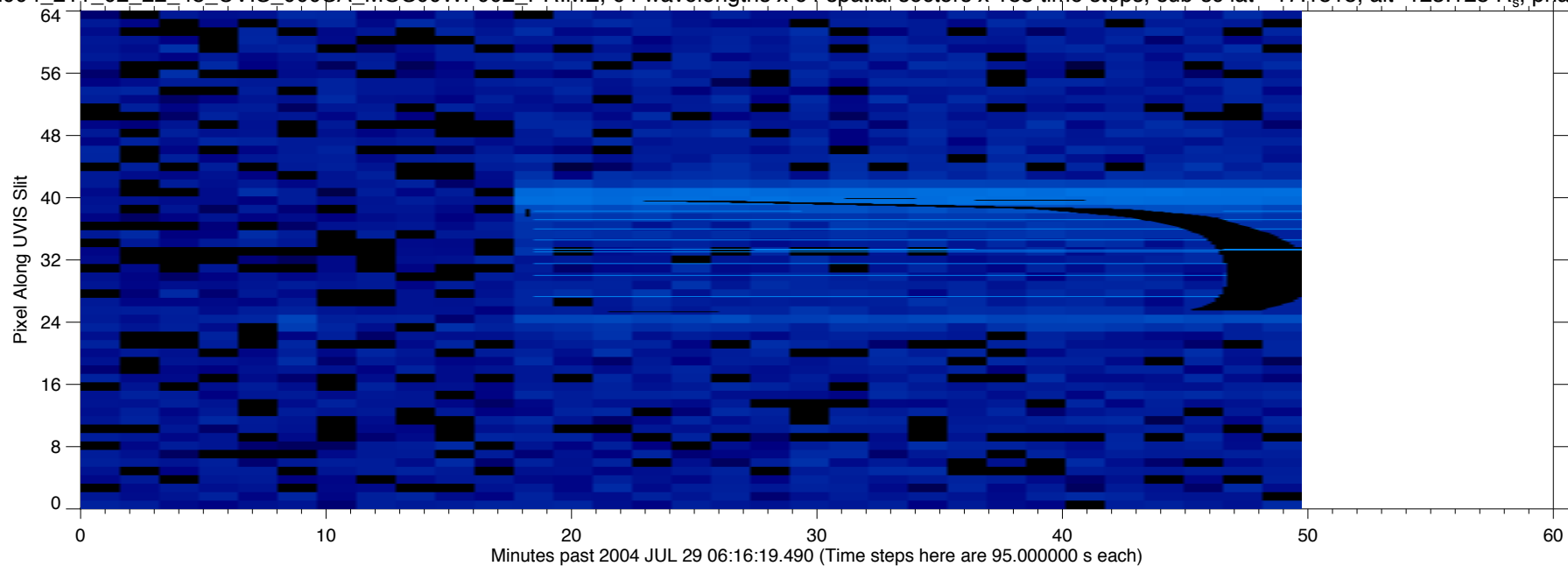
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



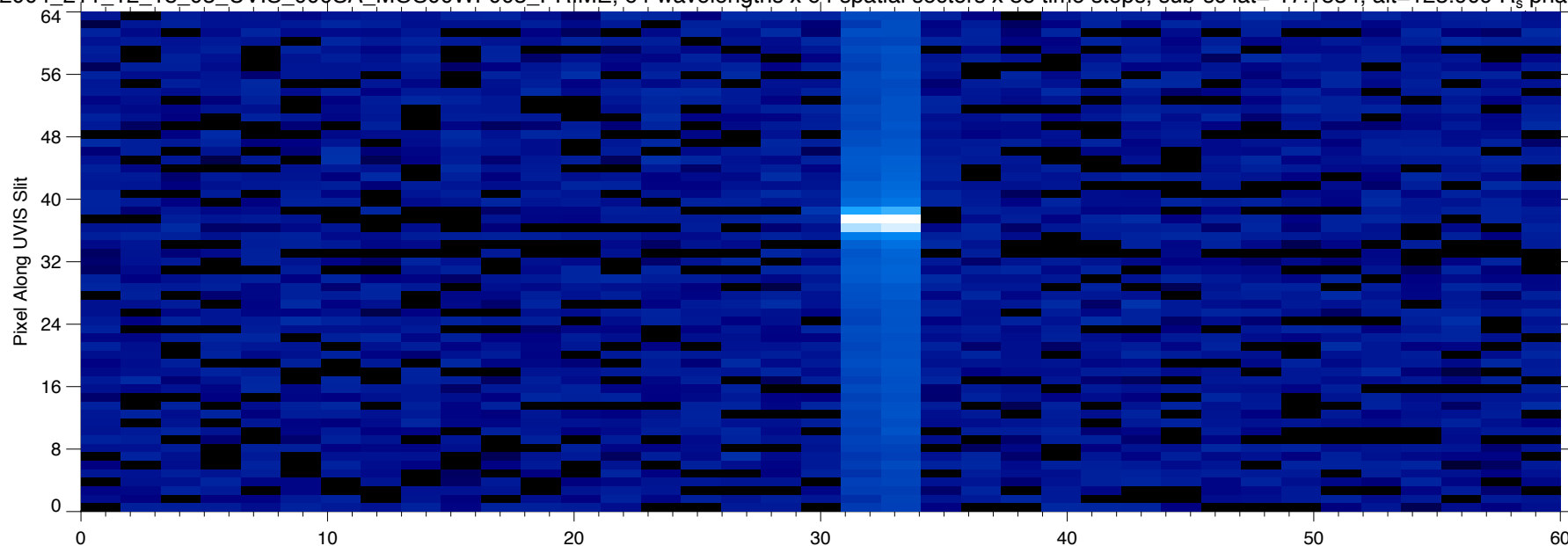
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



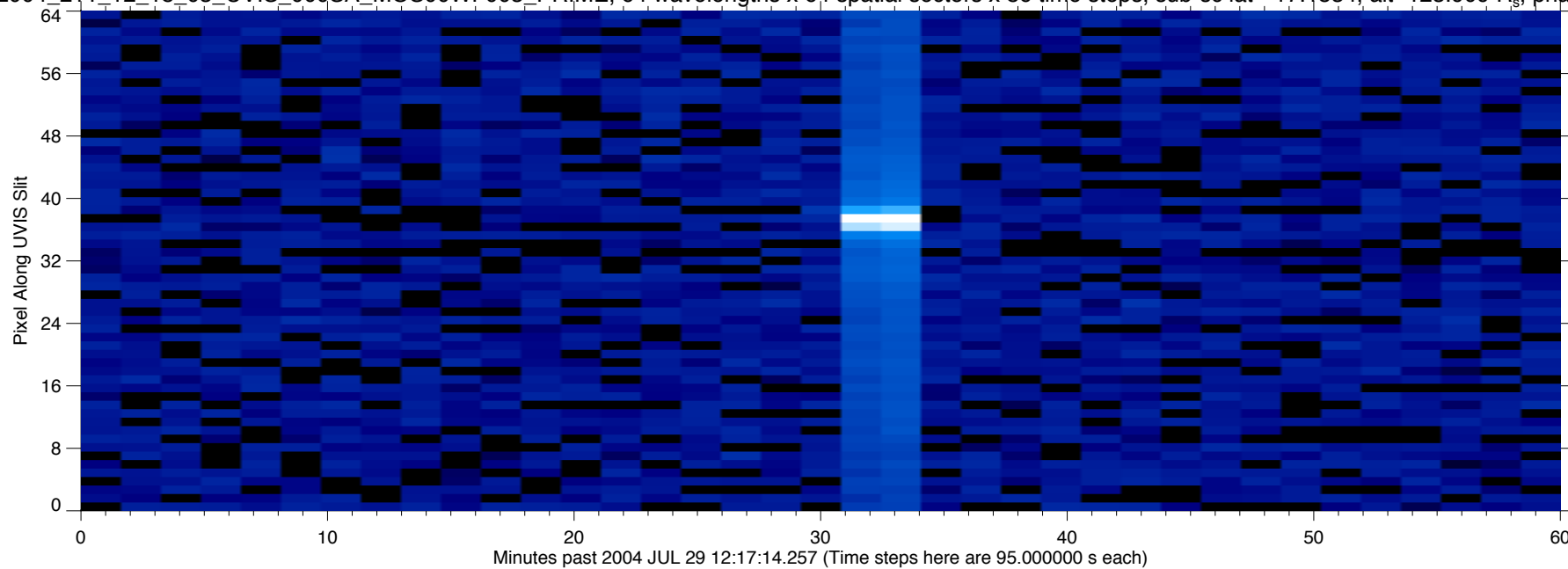
FUV2004_211_02_22_48_UVIS_000SA_MOS00WF002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1515, alt=123.128 R_s, phase=90.8476



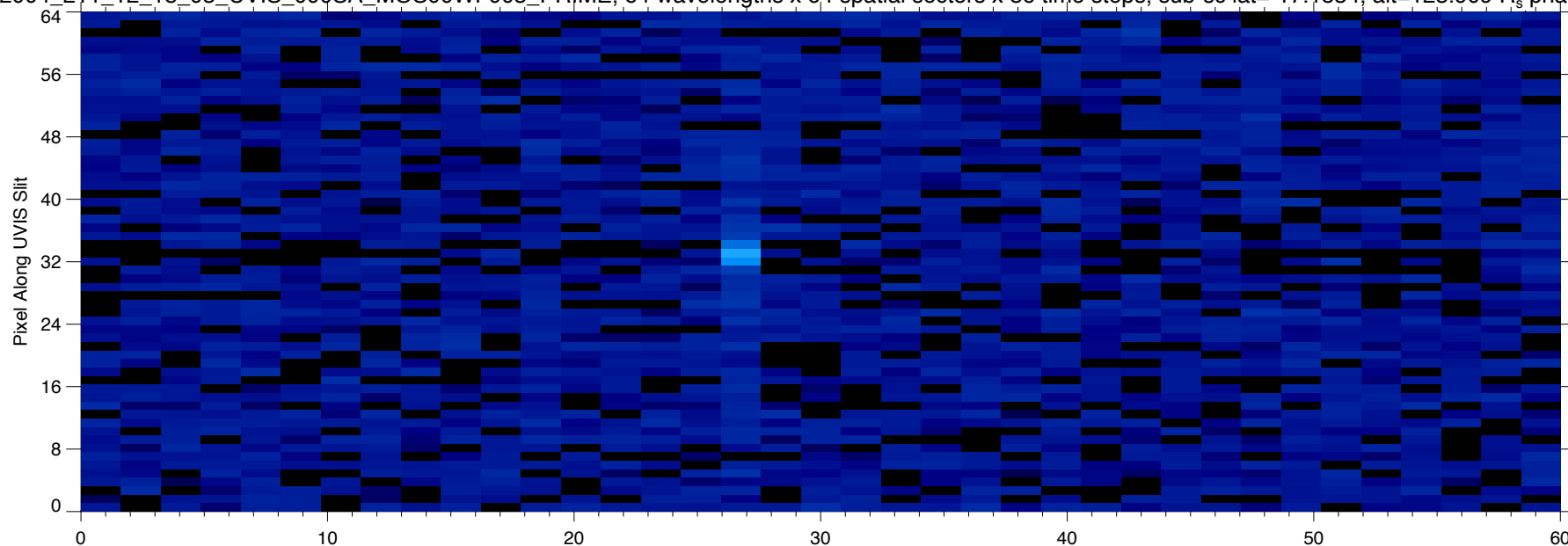
FUV2004_211_12_18_03_UVIS_000SA_MOS00WF003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1534, alt=123.909 R_s phase=90.7819



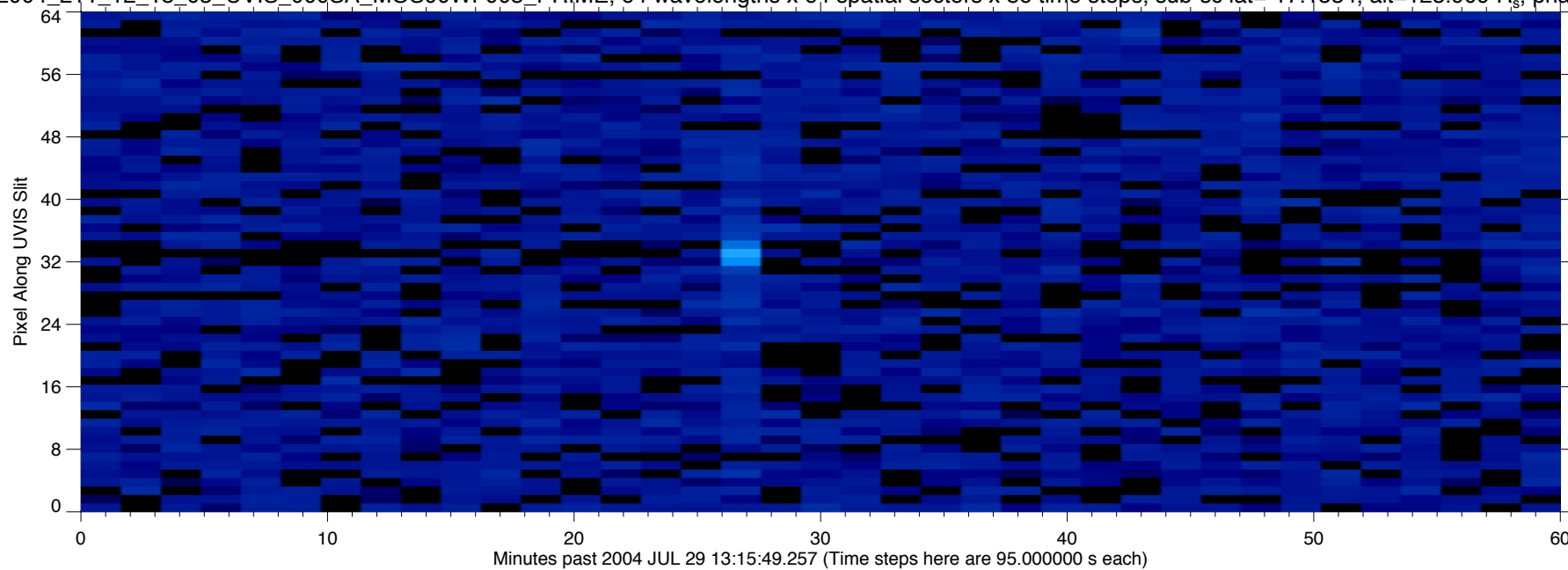
FUV2004_211_12_18_03_UVIS_000SA_MOS00WF003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1534, alt=123.909 R_s phase=90.7819



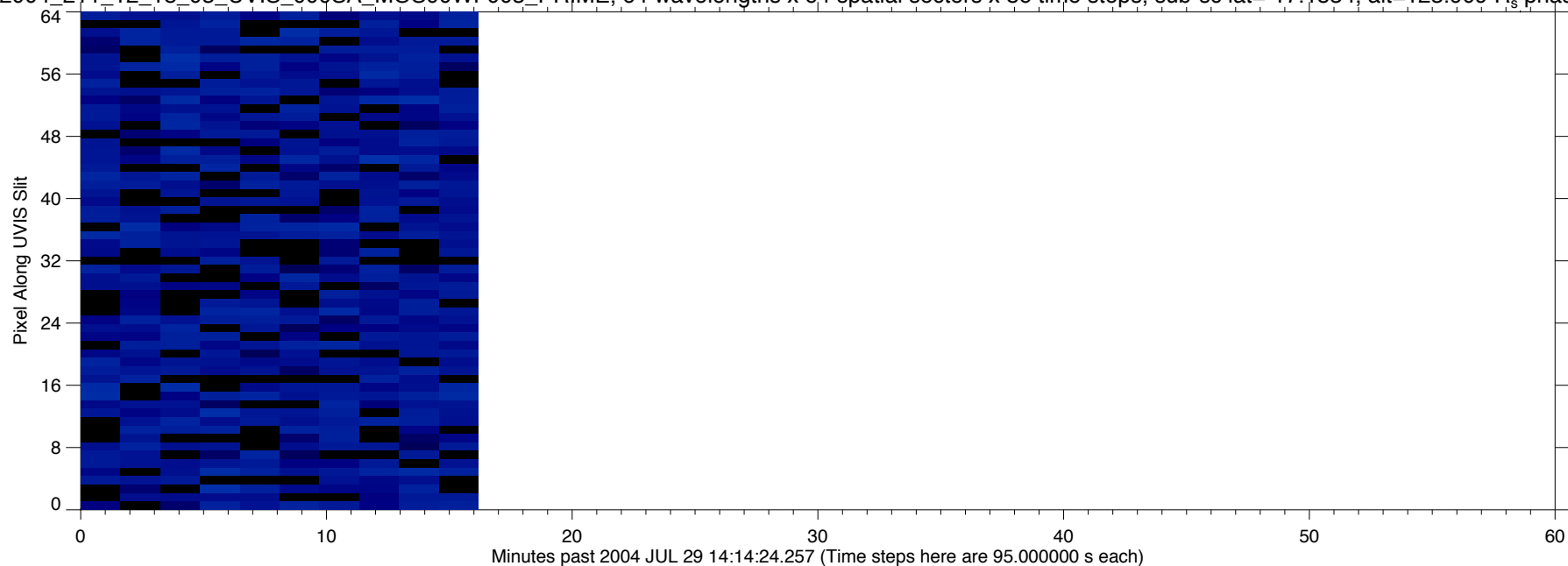
FUV2004_211_12_18_03_UVIS_000SA_MOS00WF003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1534, alt=123.909 R_s phase=90.7819



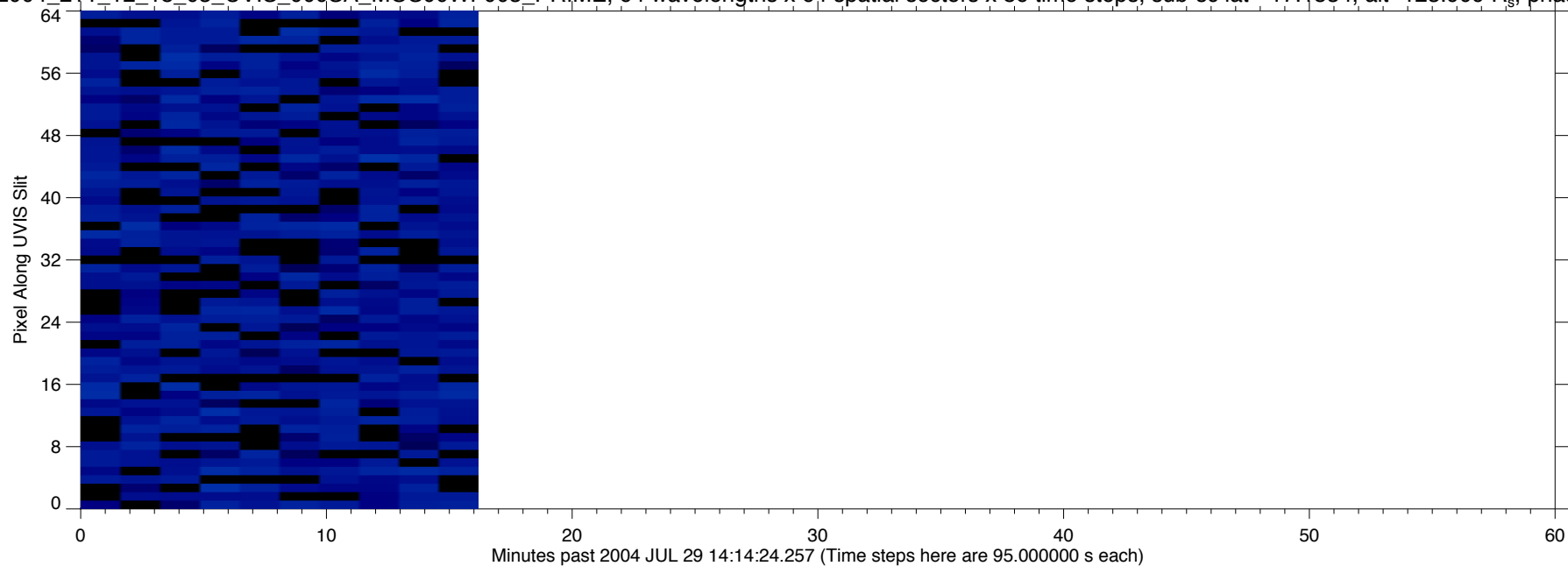
FUV2004_211_12_18_03_UVIS_000SA_MOS00WF003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1534, alt=123.909 R_s phase=90.7819



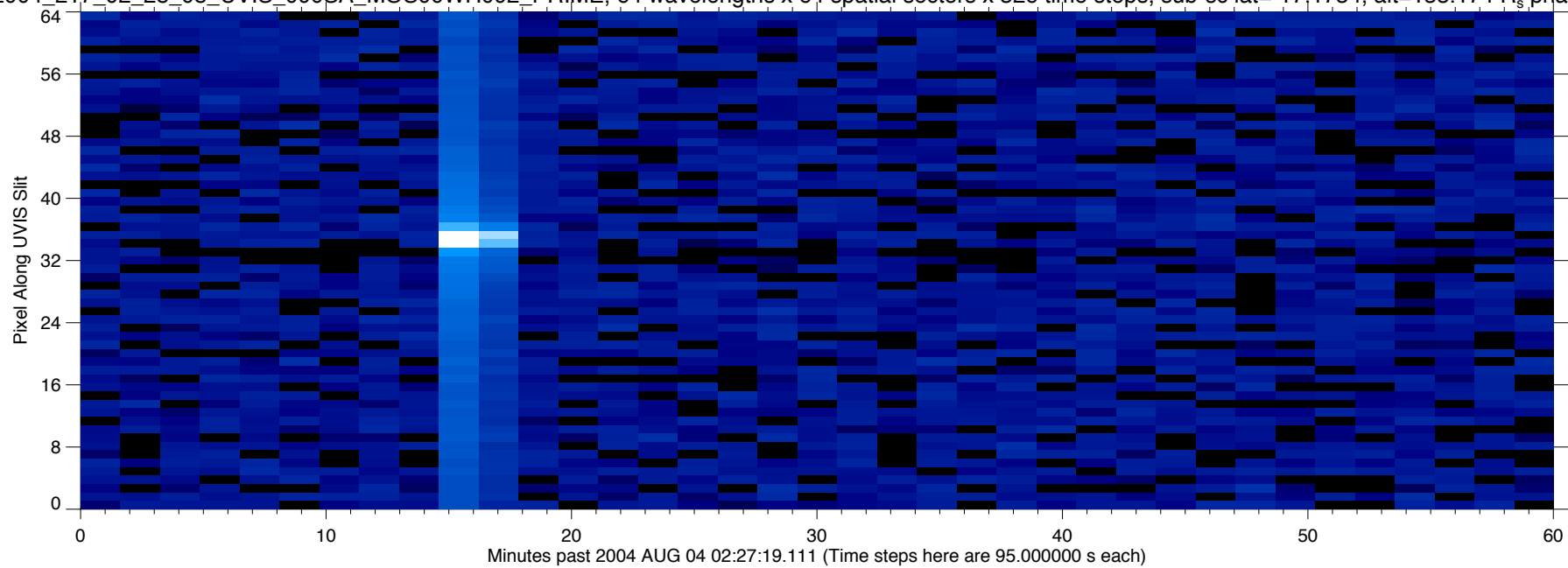
FUV2004_211_12_18_03_UVIS_000SA_MOS00WF003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1534, alt=123.909 R_s phase=90.7819



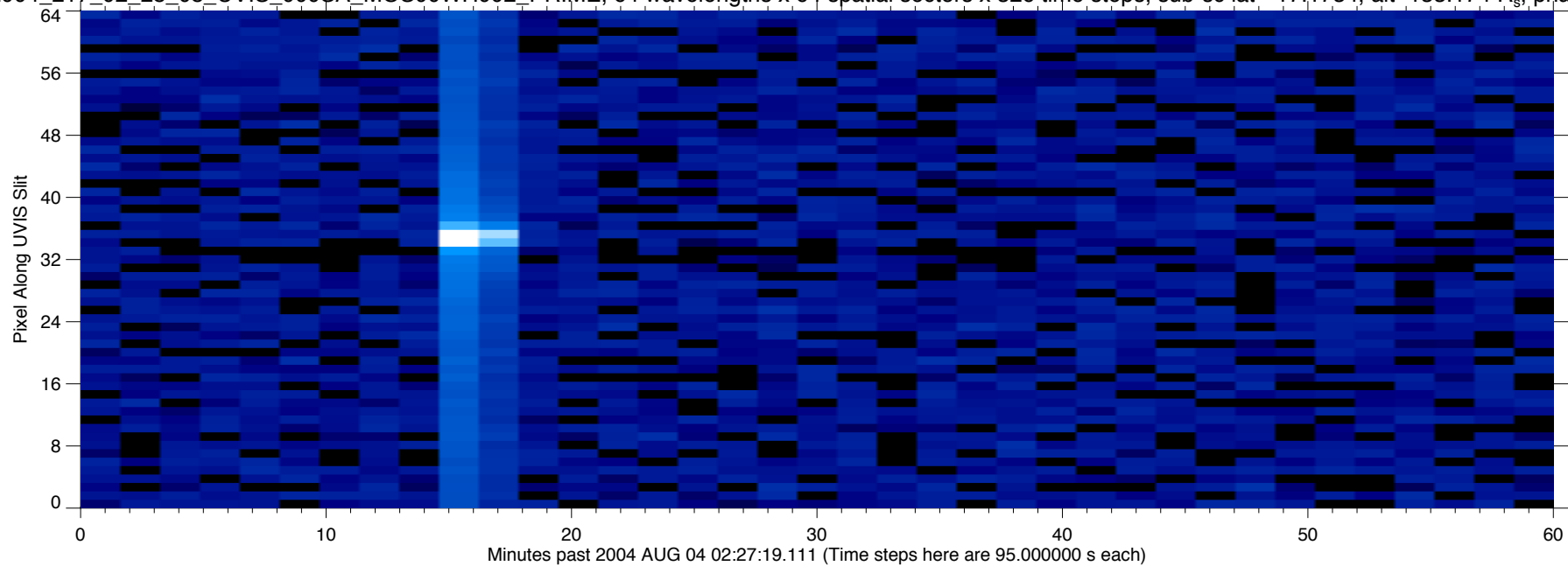
FUV2004_211_12_18_03_UVIS_000SA_MOS00WF003_PRIME, 64 wavelengths x 64 spatial sectors x 86 time steps, sub-sc lat=-17.1534, alt=123.909 R_s, phase=90.7819



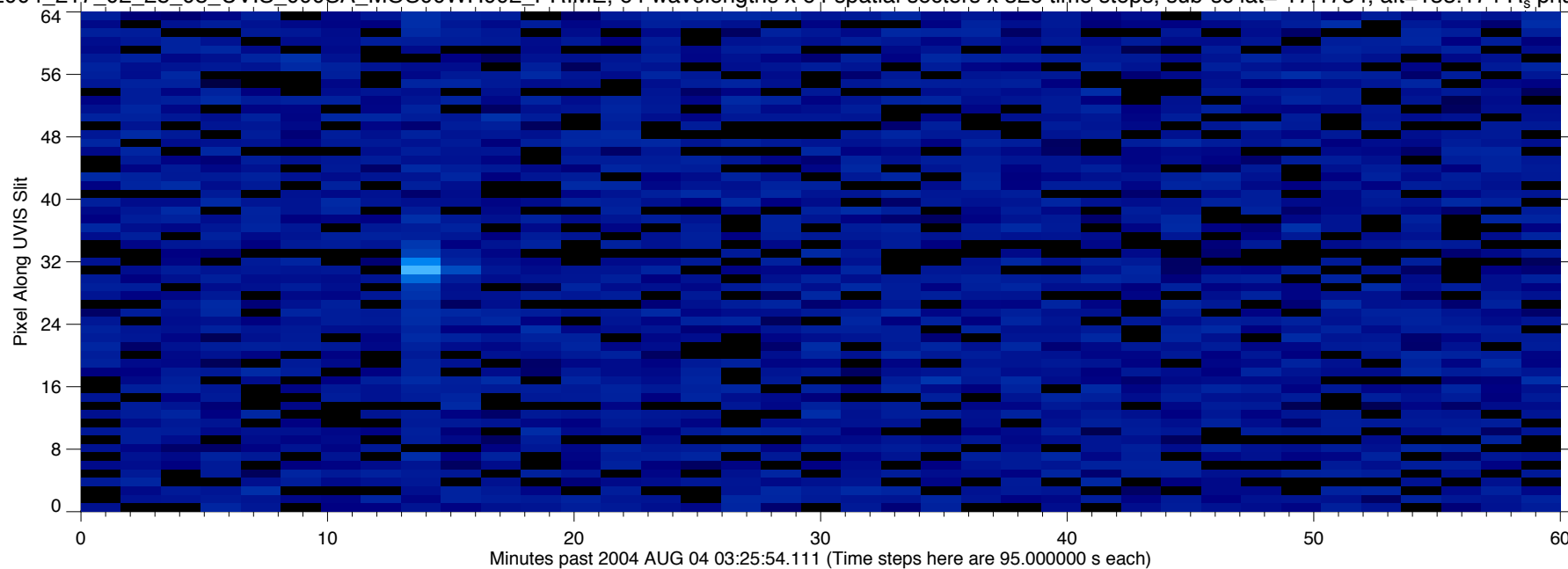
FUV2004_217_02_28_08_UVIS_000SA_MOS00WH002_PRIME, 64 wavelengths x 64 spatial sectors x 326 time steps, sub-sc lat=-17.1734, alt=133.174 R_s, phase=89.9743



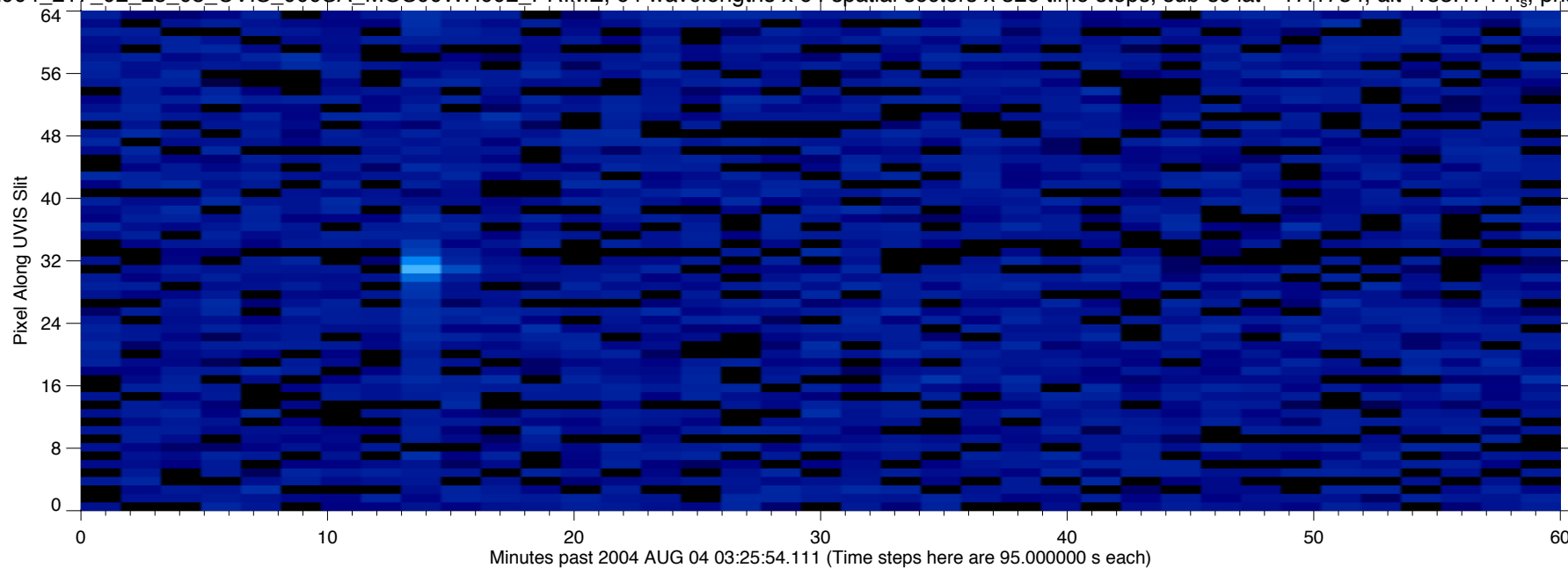
FUV2004_217_02_28_08_UVIS_000SA_MOS00WH002_PRIME, 64 wavelengths x 64 spatial sectors x 326 time steps, sub-sc lat=-17.1734, alt=133.174 R_s, phase=89.9743



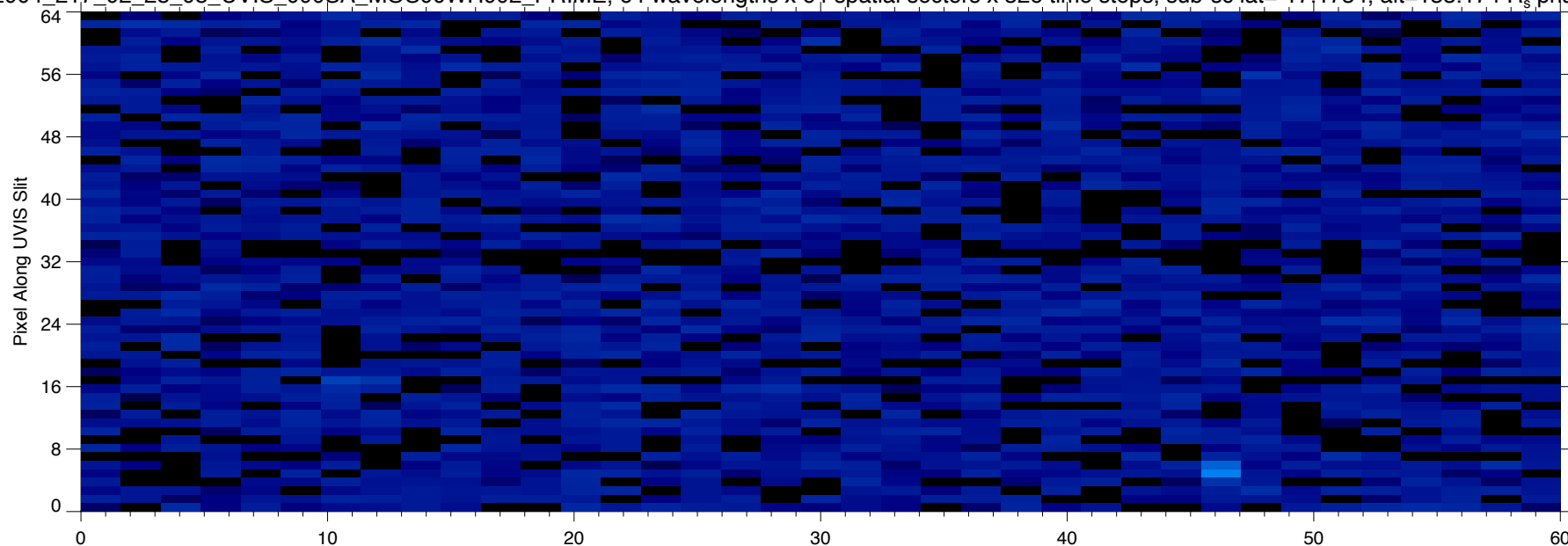
FUV2004_217_02_28_08_UVIS_000SA_MOS00WH002_PRIME, 64 wavelengths x 64 spatial sectors x 326 time steps, sub-sc lat=-17.1734, alt=133.174 R_s, phase=89.9743



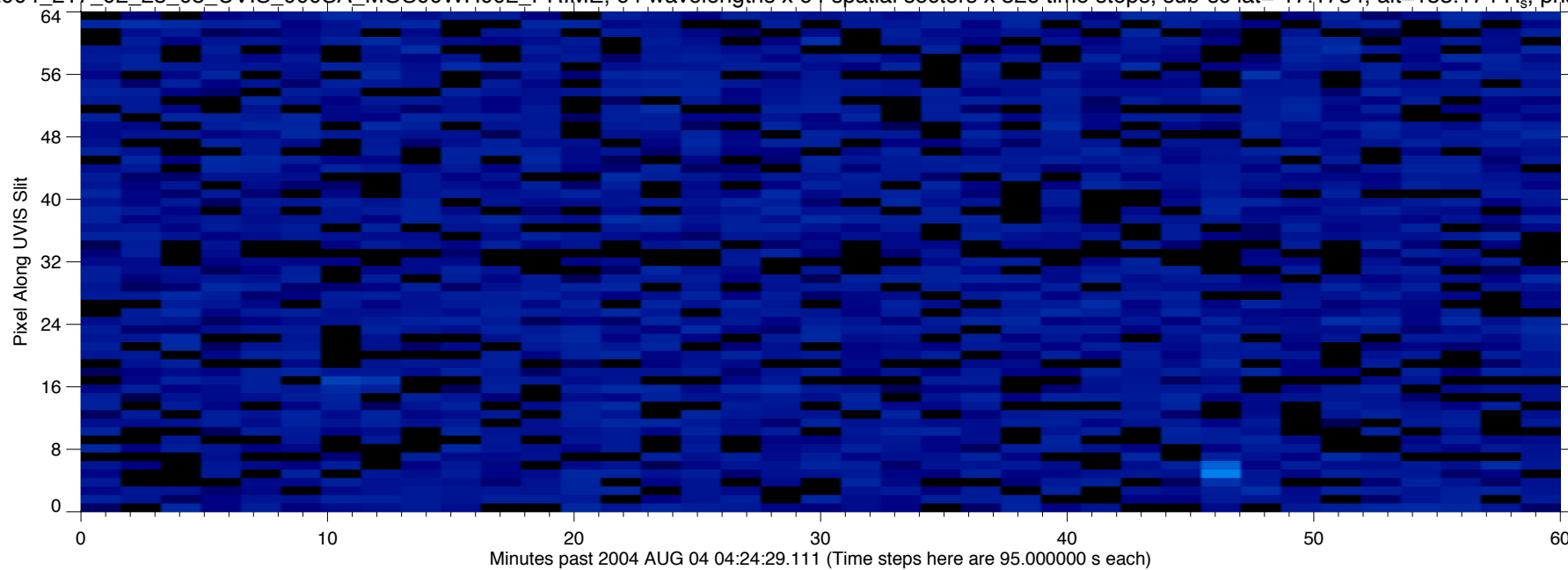
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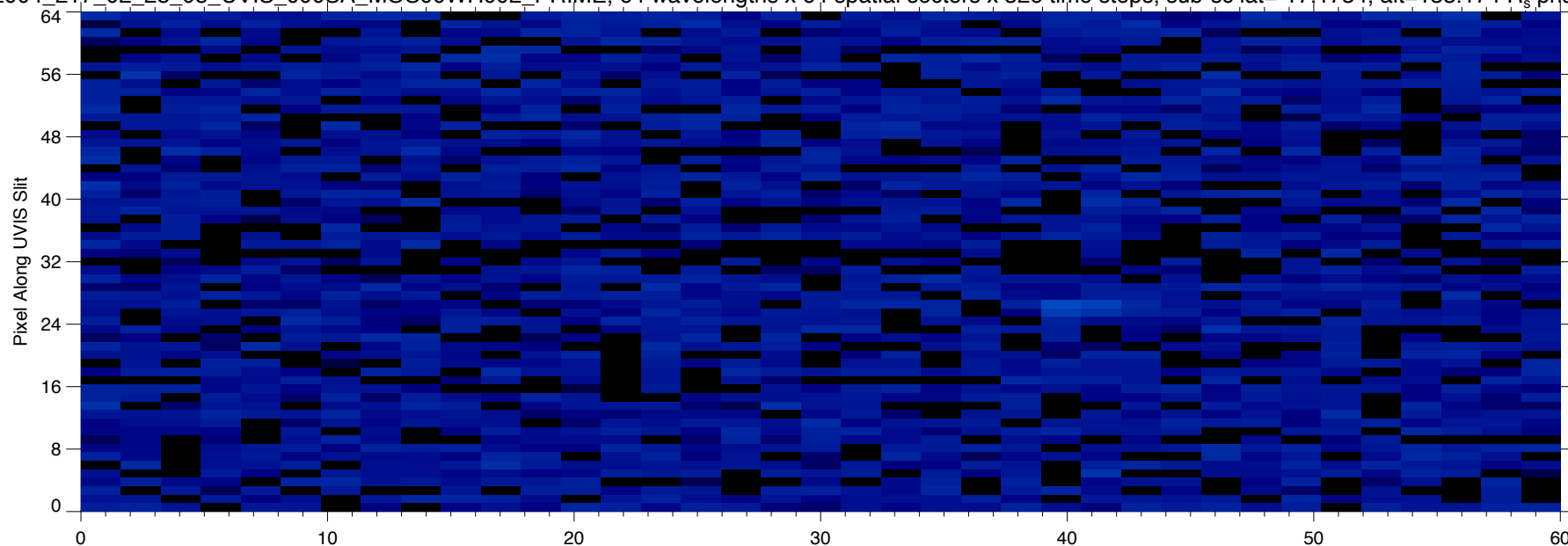
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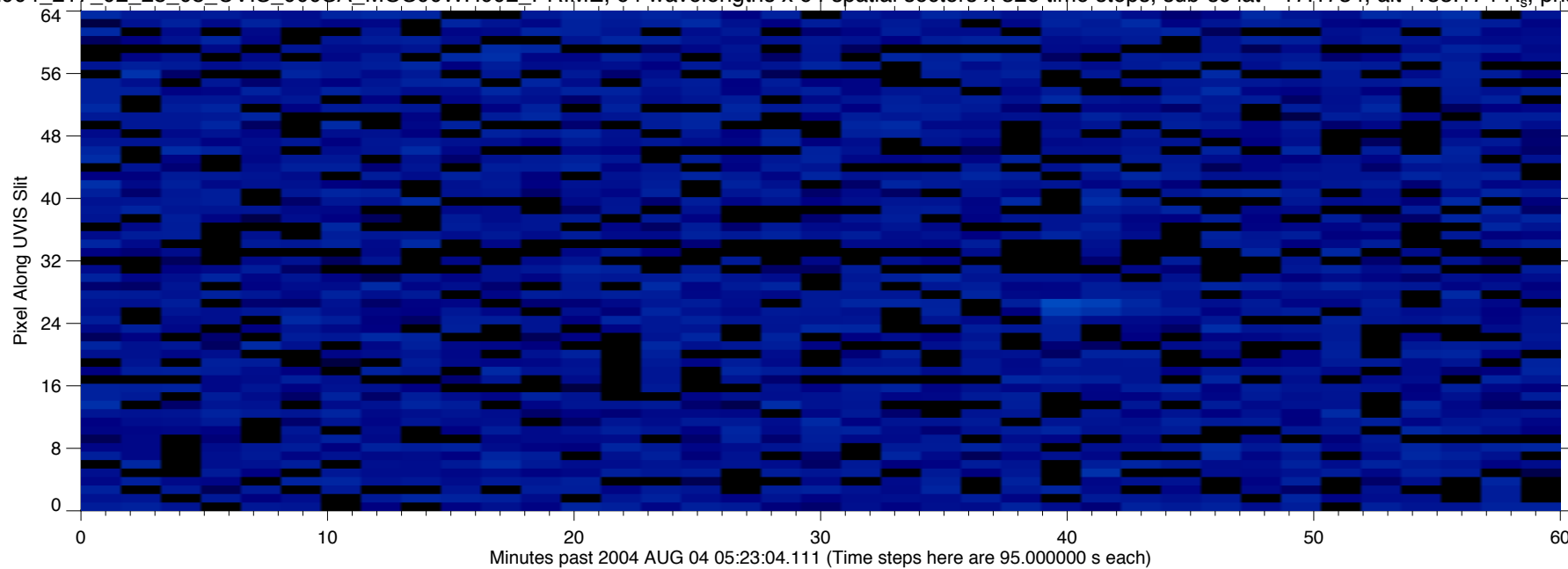
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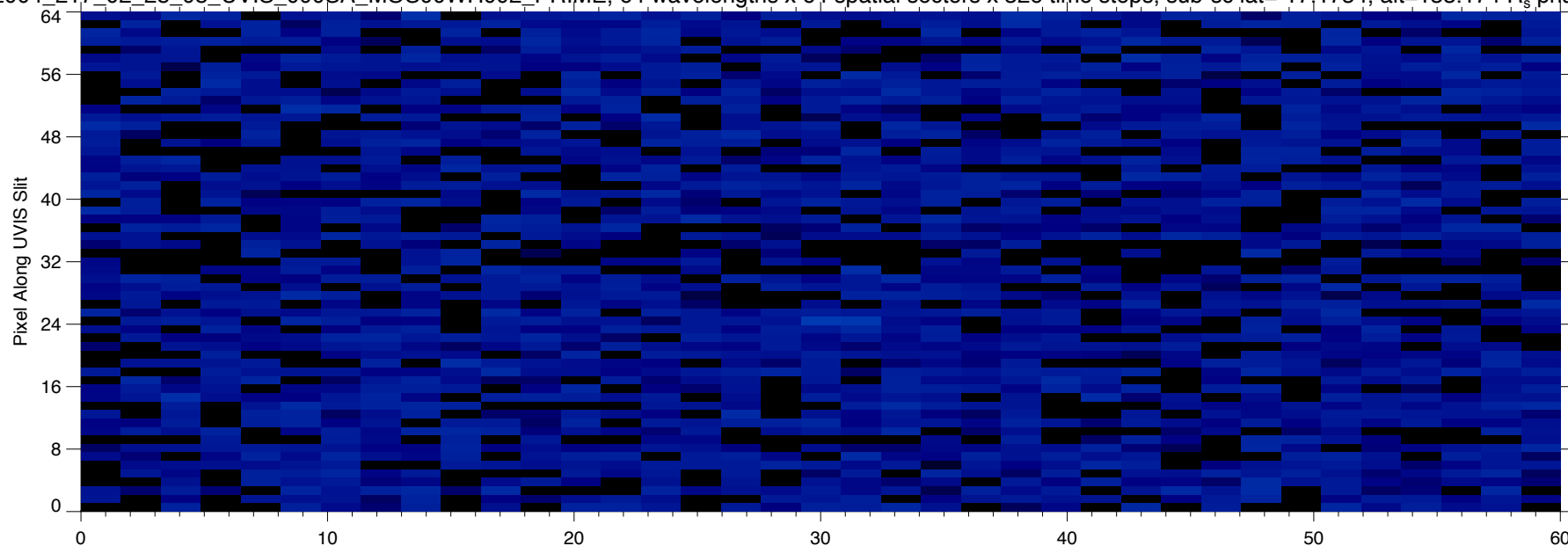
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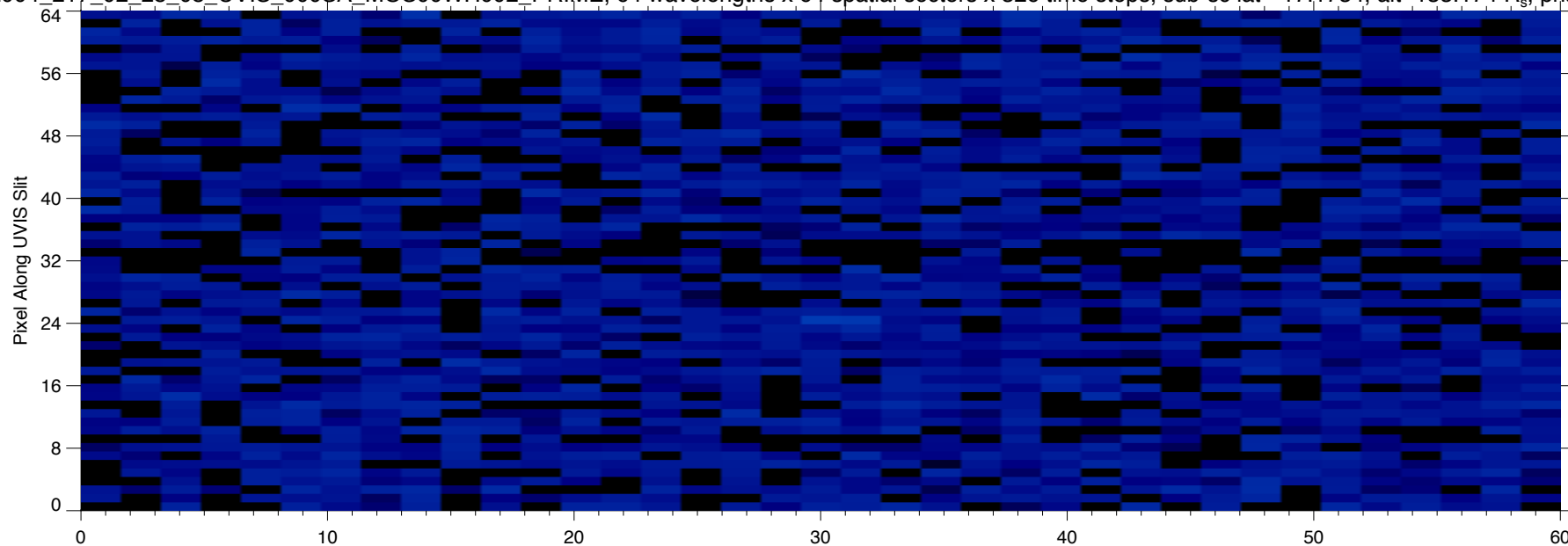
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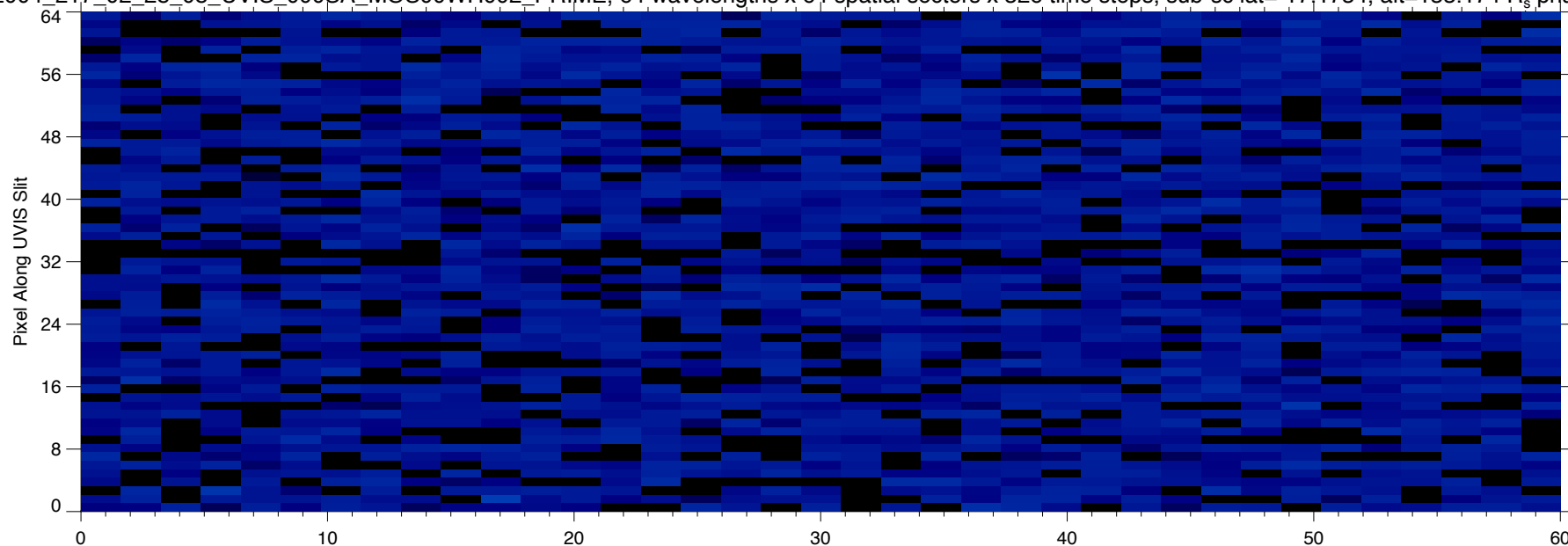
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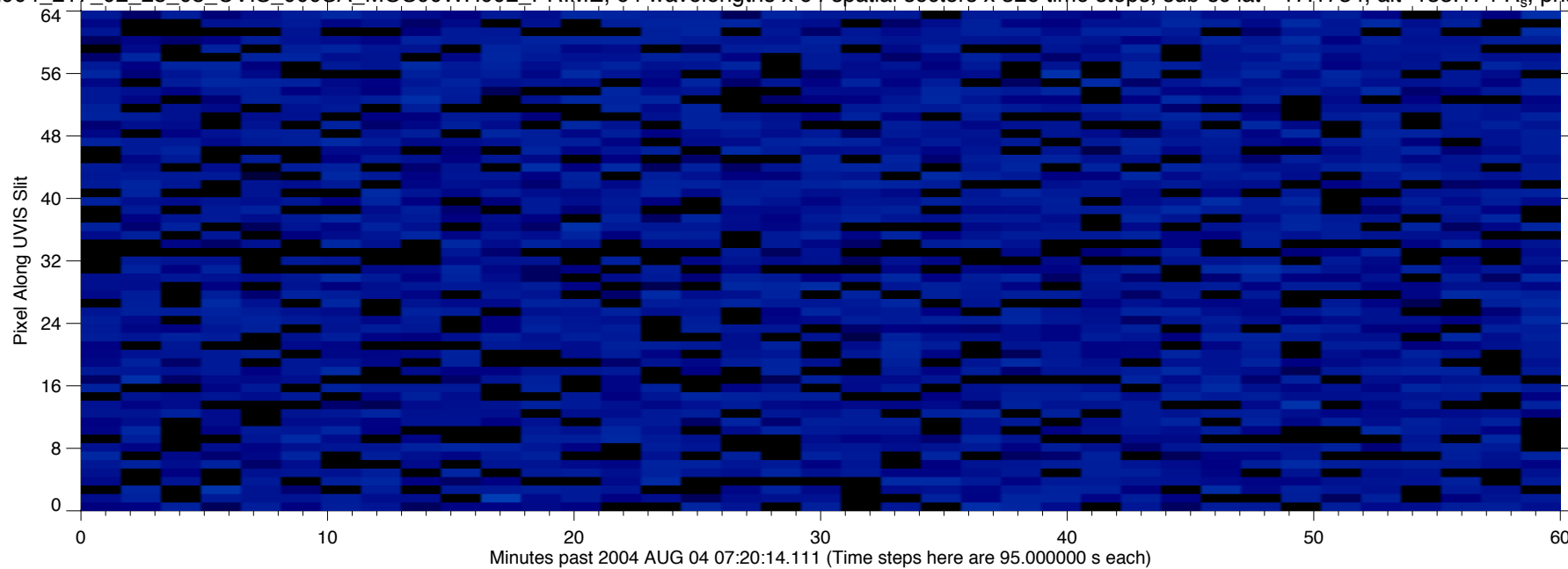
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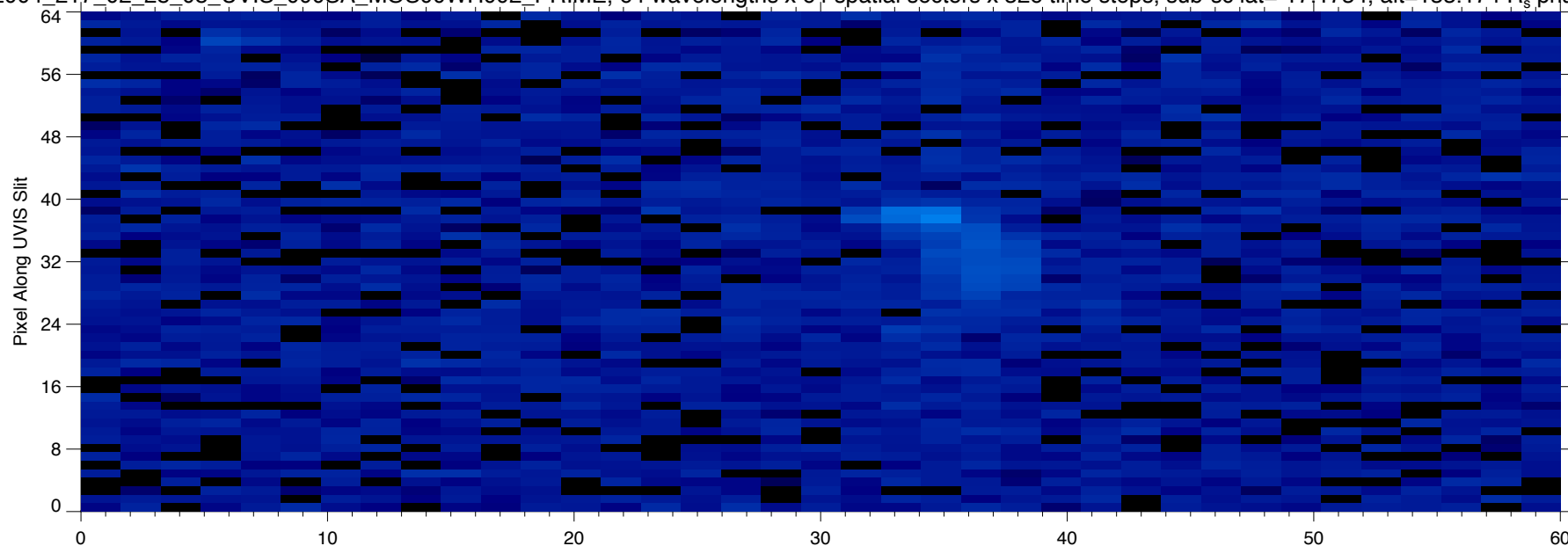
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FUV2004_217_02_28_08_UVIS_000SA_MOS00WH002_PRIME, 64 wavelengths x 64 spatial sectors x 326 time steps, sub-sc lat=-17.1734, alt=133.174 R_s, phase=89.9743

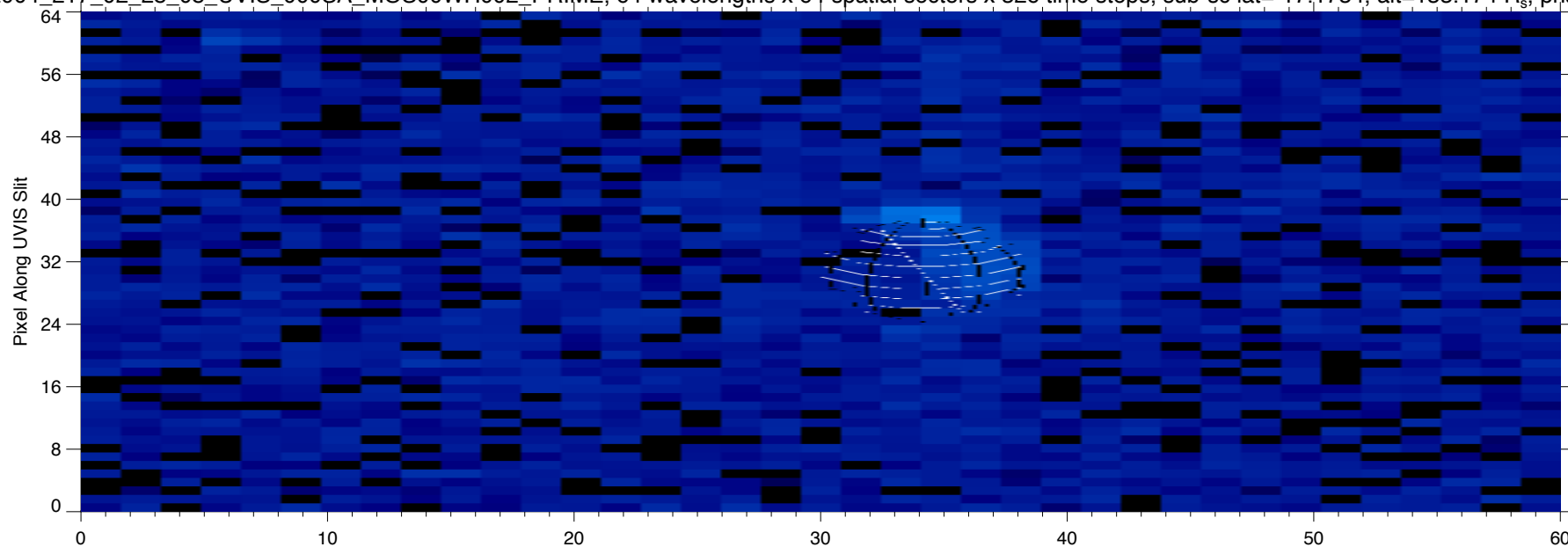


FUV2004_217_02_28_08_UVIS_000SA_MOS00WH002_PRIME, 64 wavelengths x 64 spatial sectors x 326 time steps, sub-sc lat=-17.1734, alt=133.174 R_s, phase=89.9743



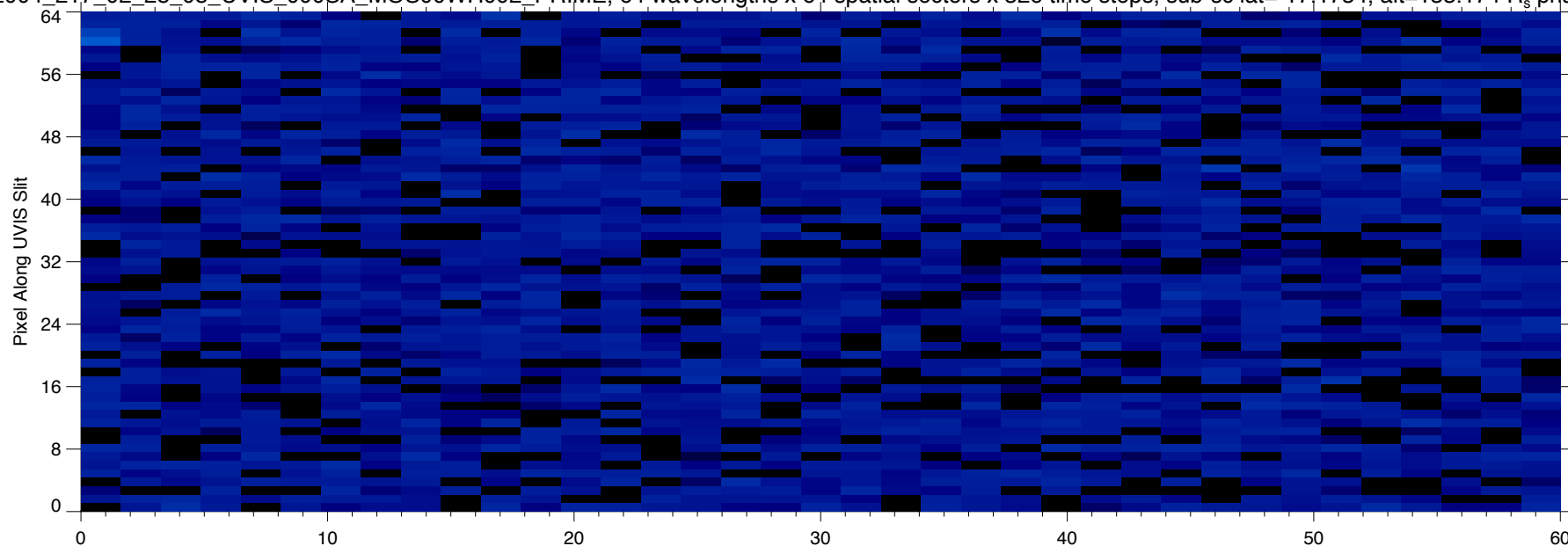
Minutes past 2004 AUG 04 08:18:49.111 (Time steps here are 95.000000 s each)

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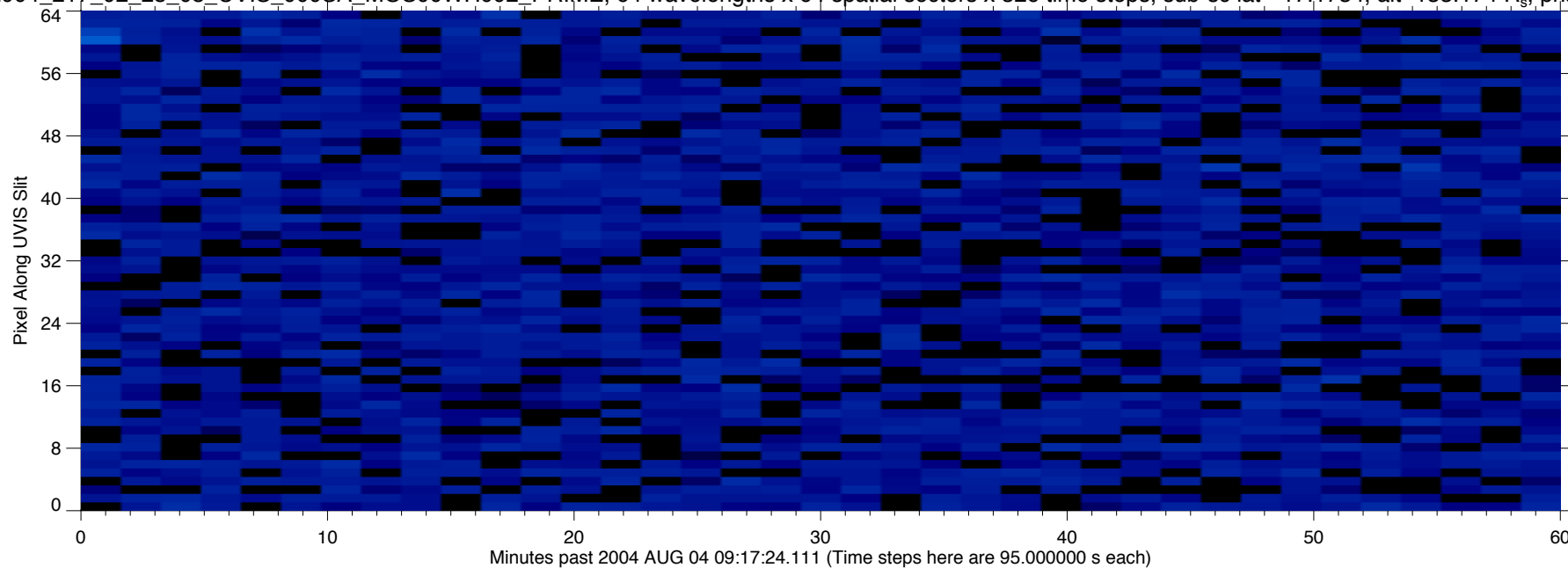


Minutes past 2004 AUG 04 08:18:49.111 (Time steps here are 95.000000 s each)

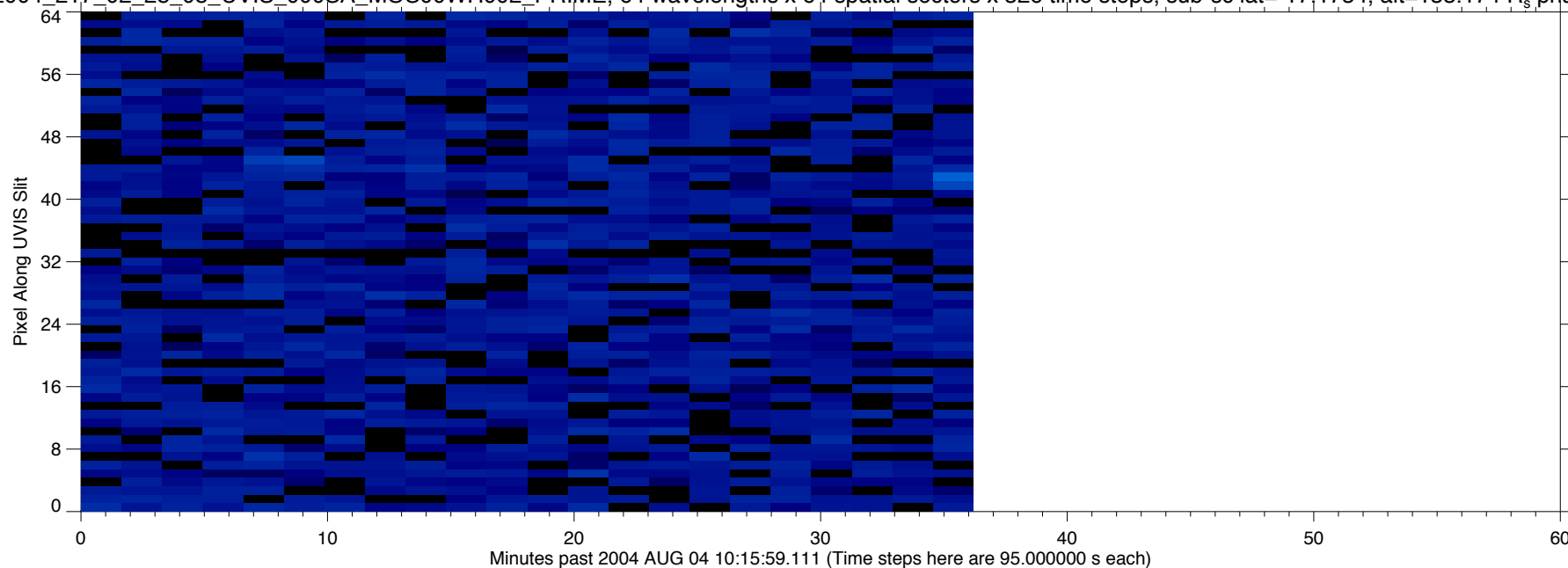
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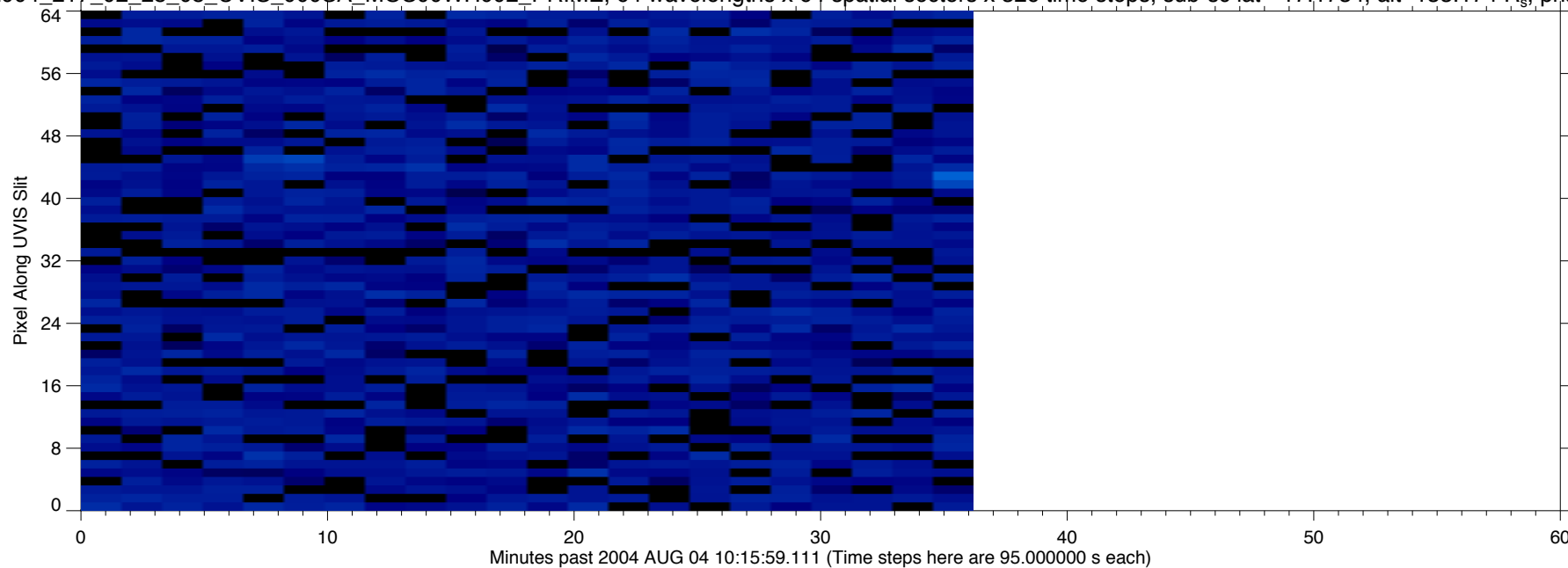
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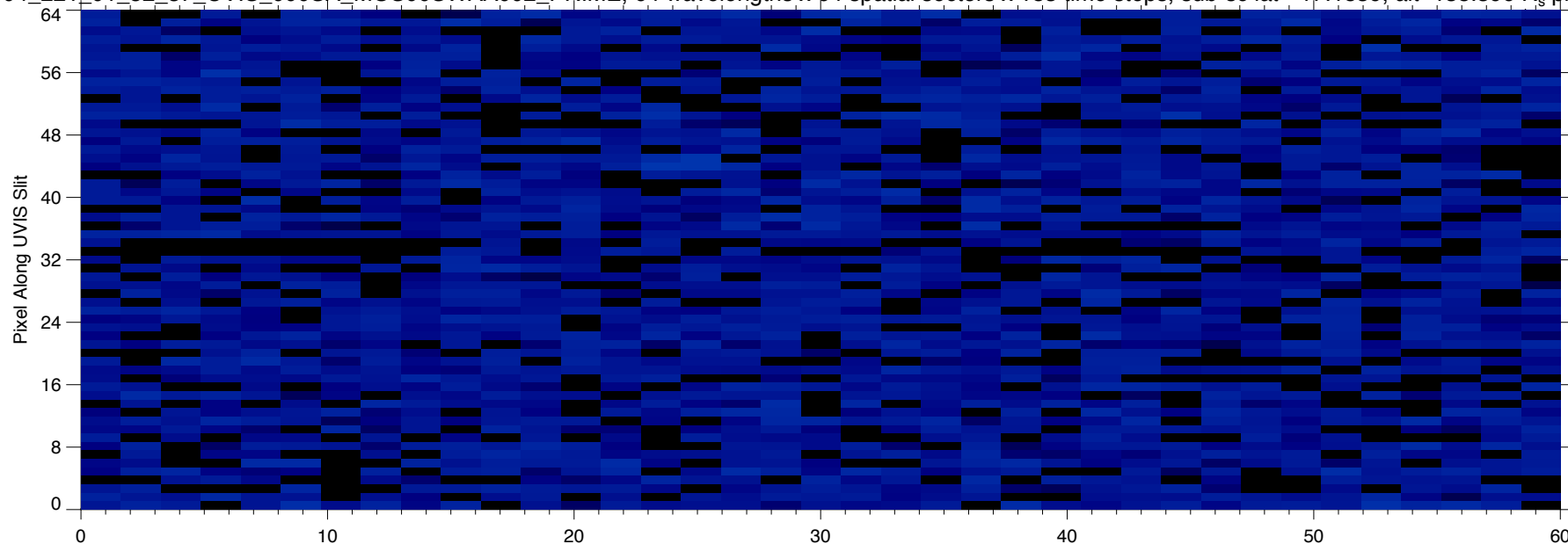
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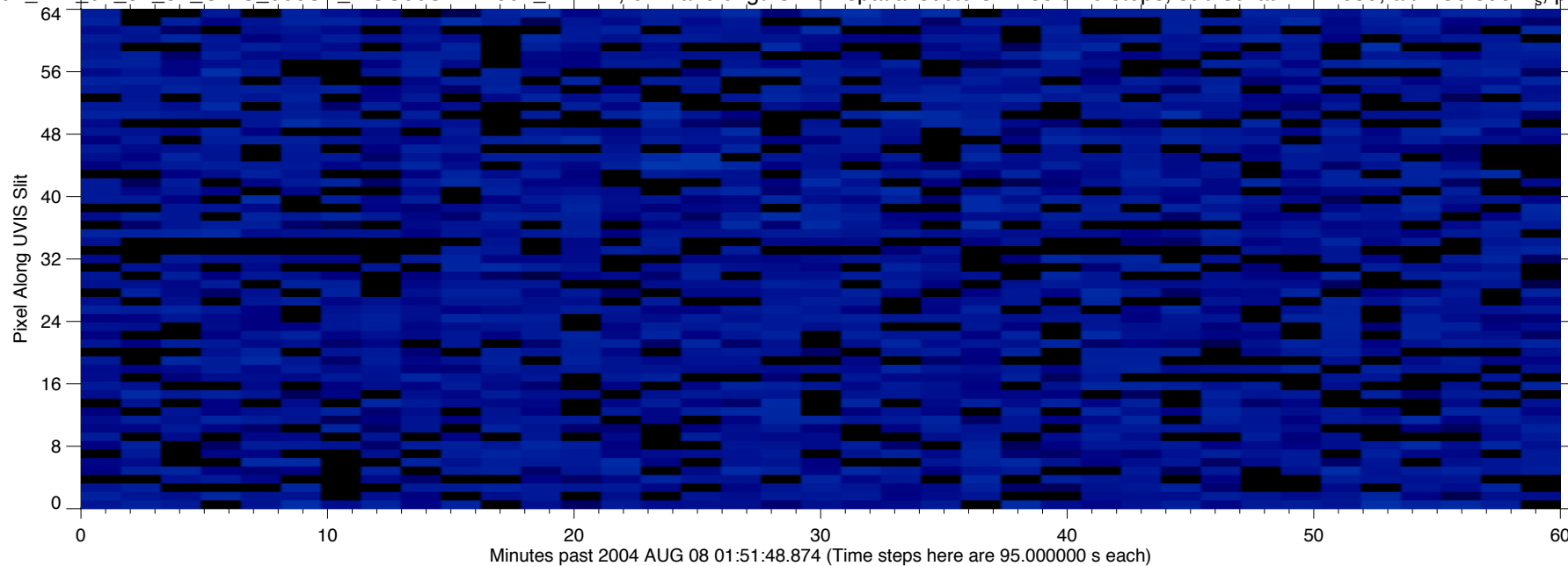
FUV2004_217_02_28_08_UVIS_000SA_MOS00WH002_PRIME, 64 wavelengths x 64 spatial sectors x 326 time steps, sub-sc lat=-17.1734, alt=133.174 R_s, phase=89.9743



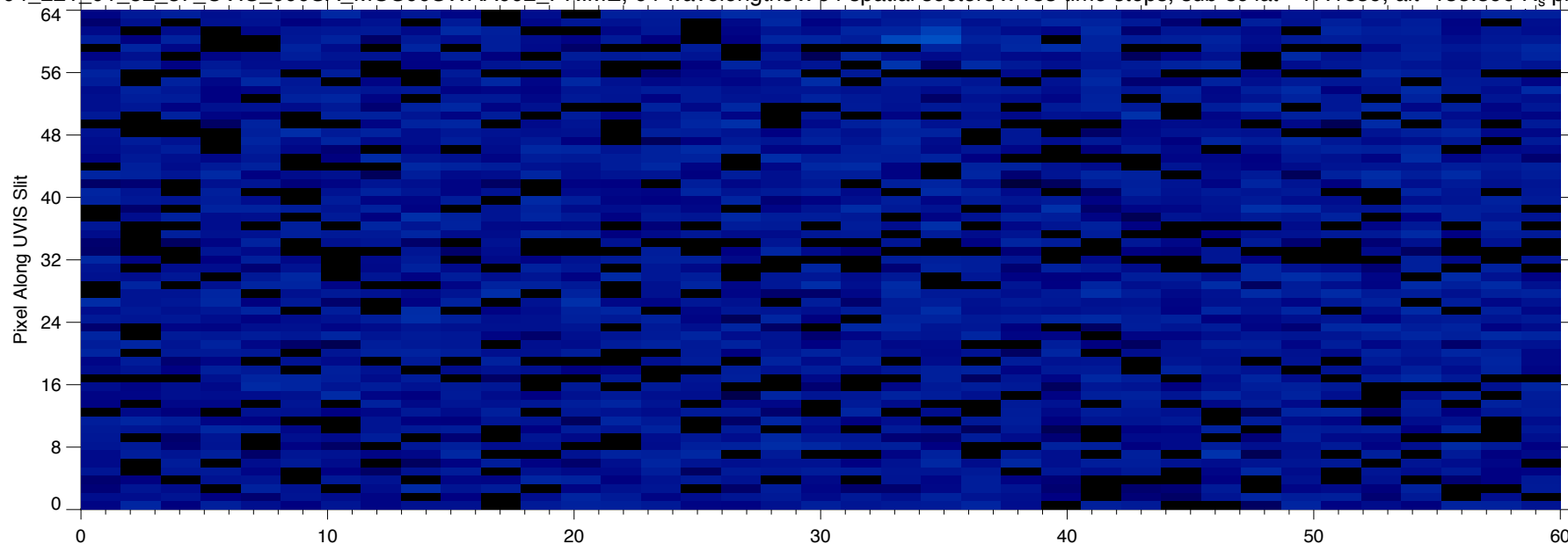
FUV2004_221_01_52_37_UVIS_000SA_MOS00SWAA002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1839, alt=138.396 R_s, phase=89.4727



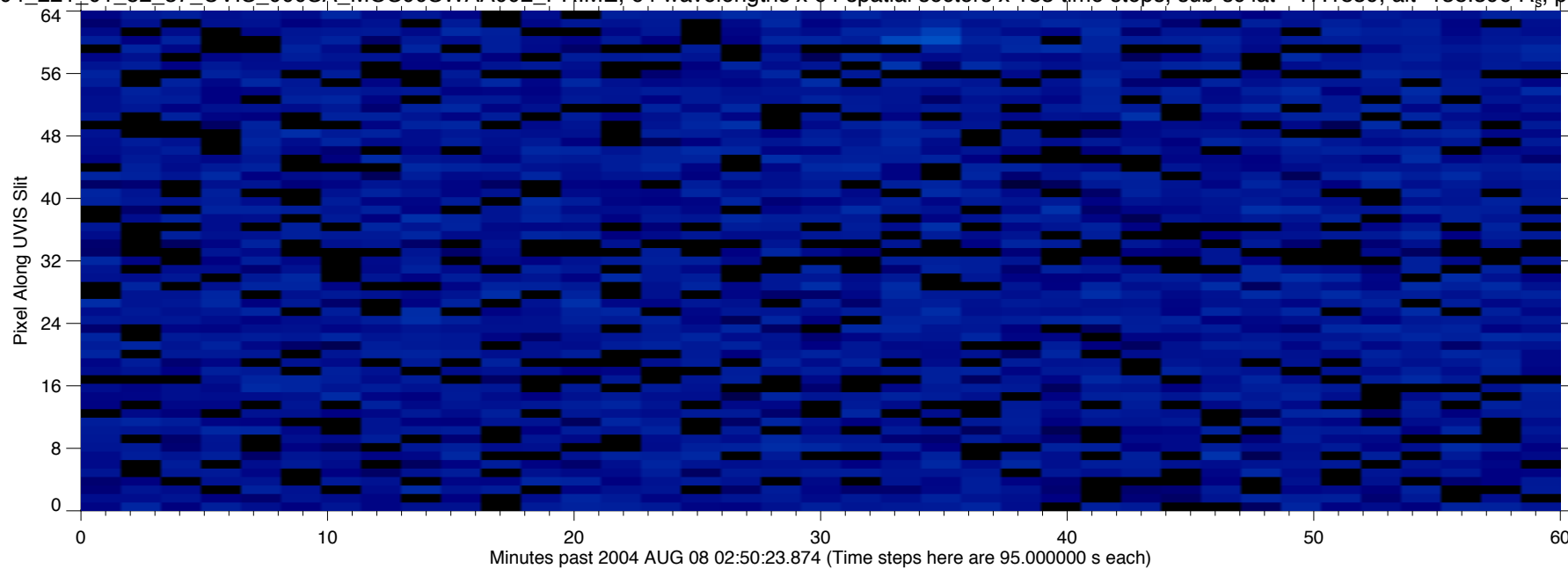
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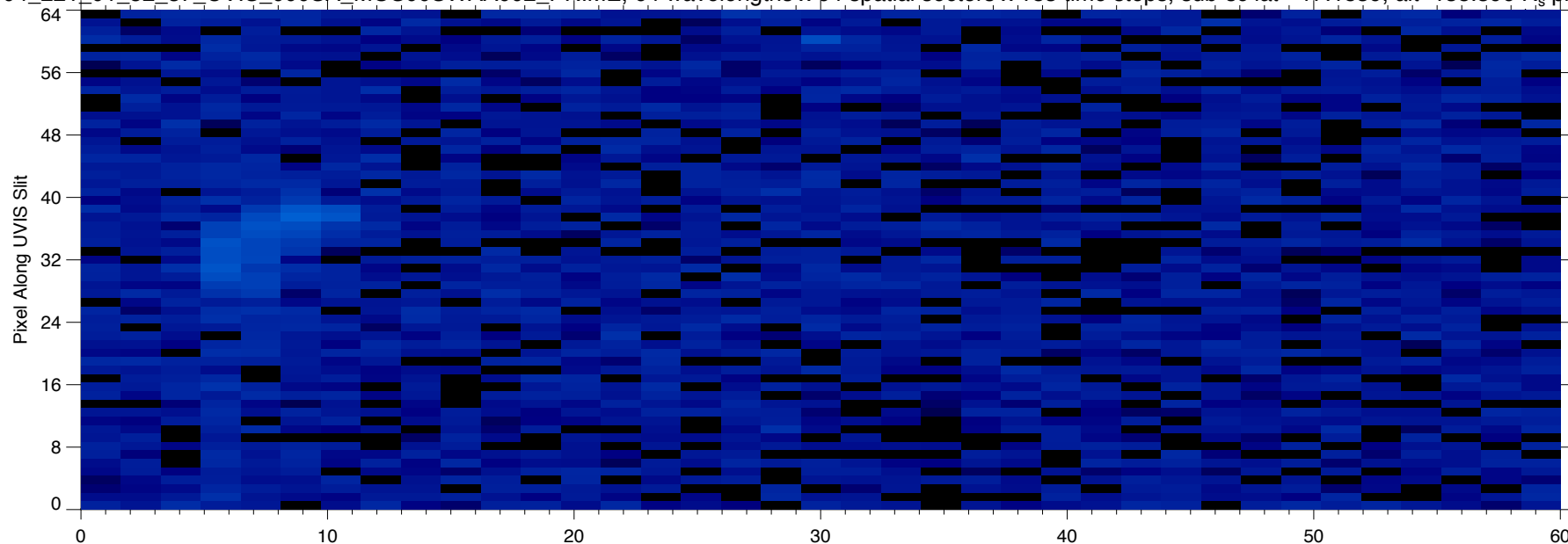
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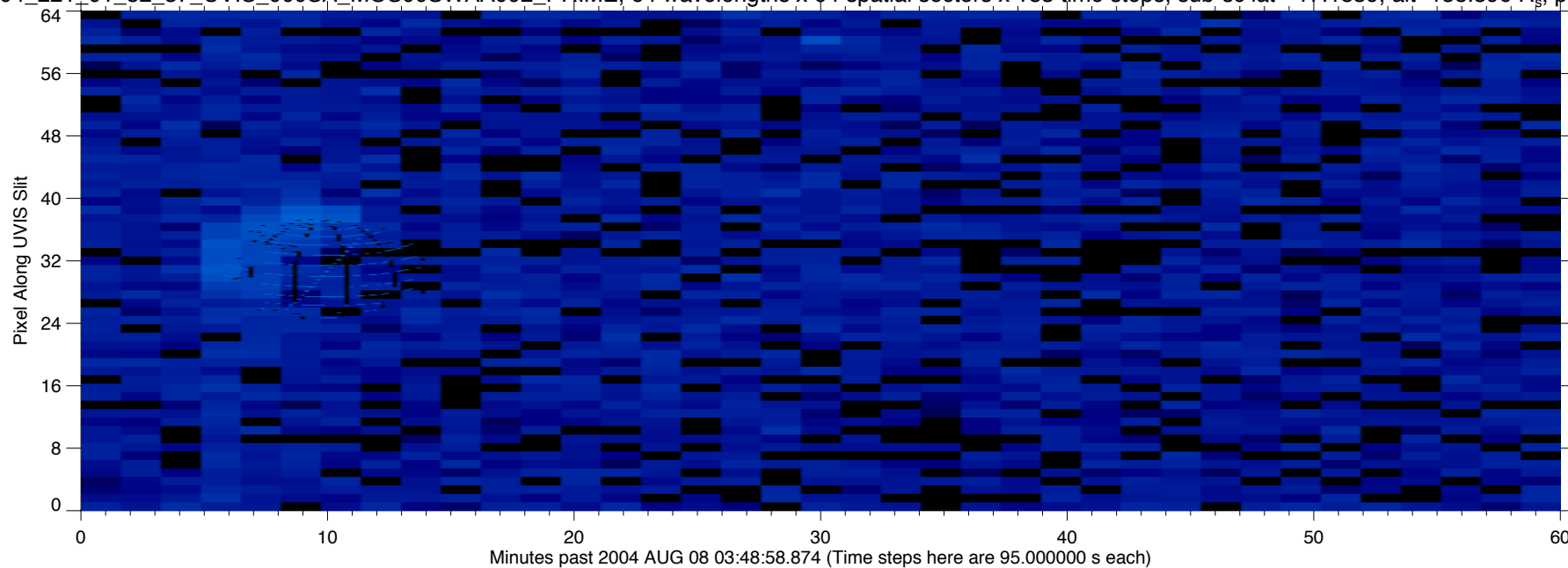
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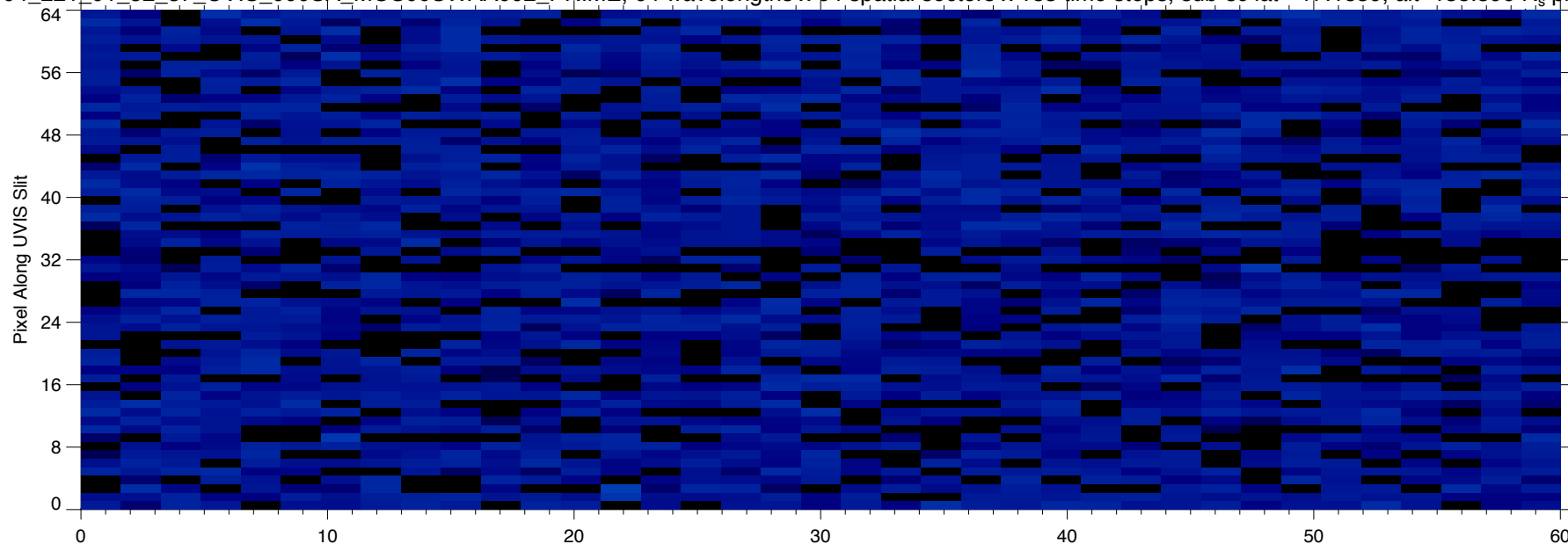
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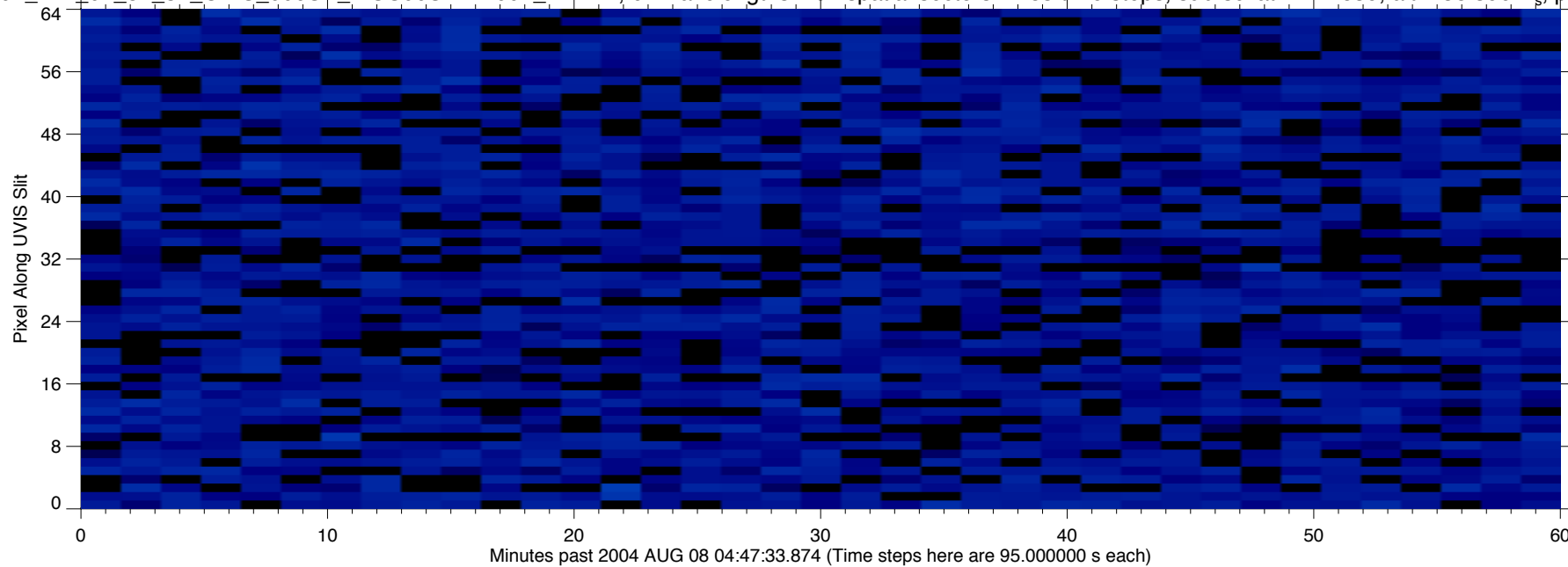
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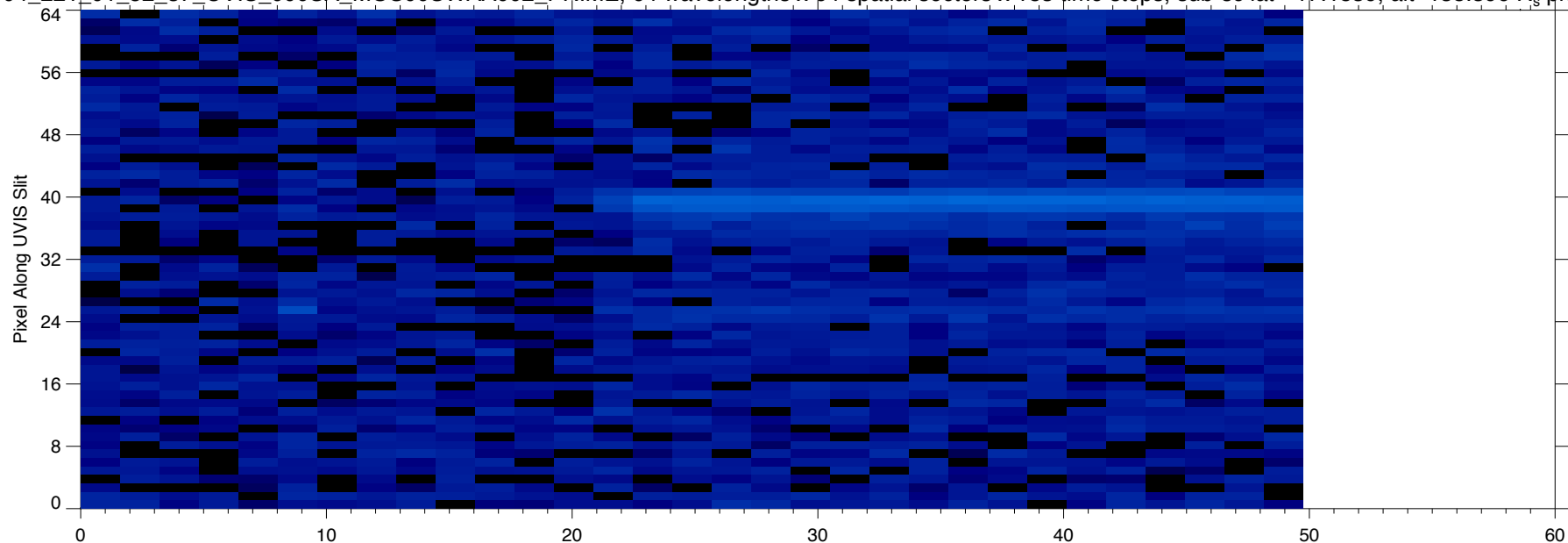
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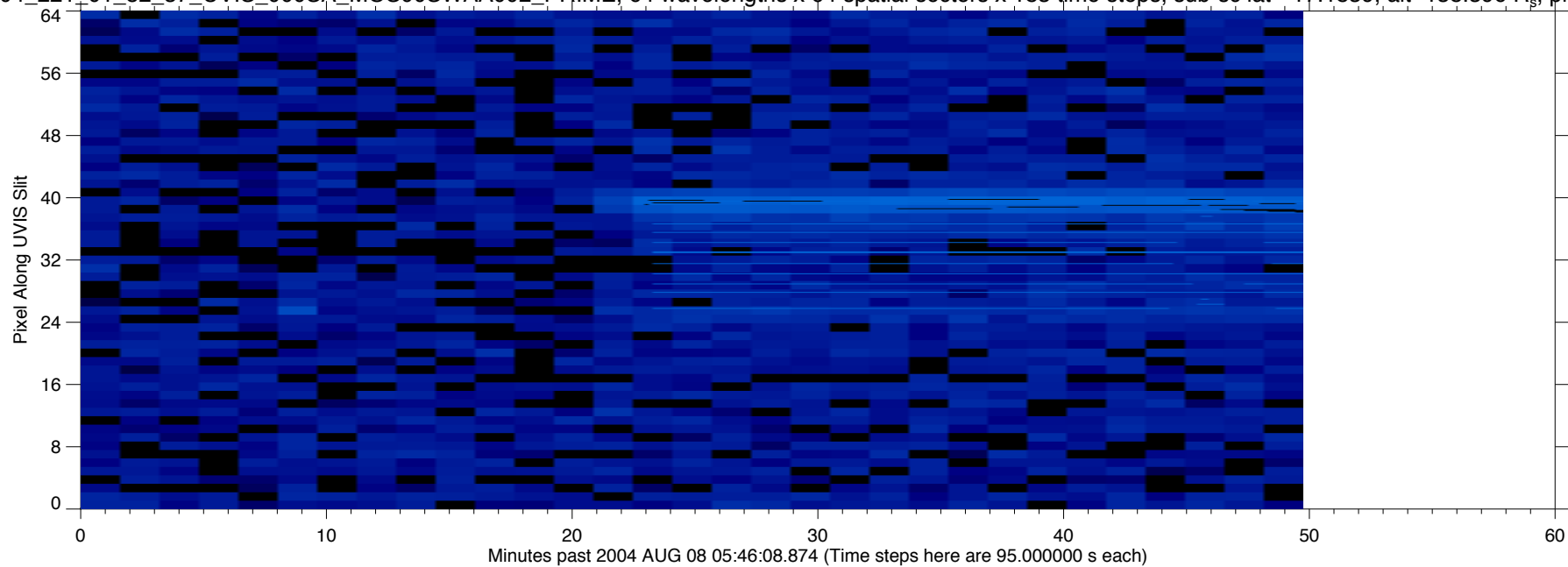
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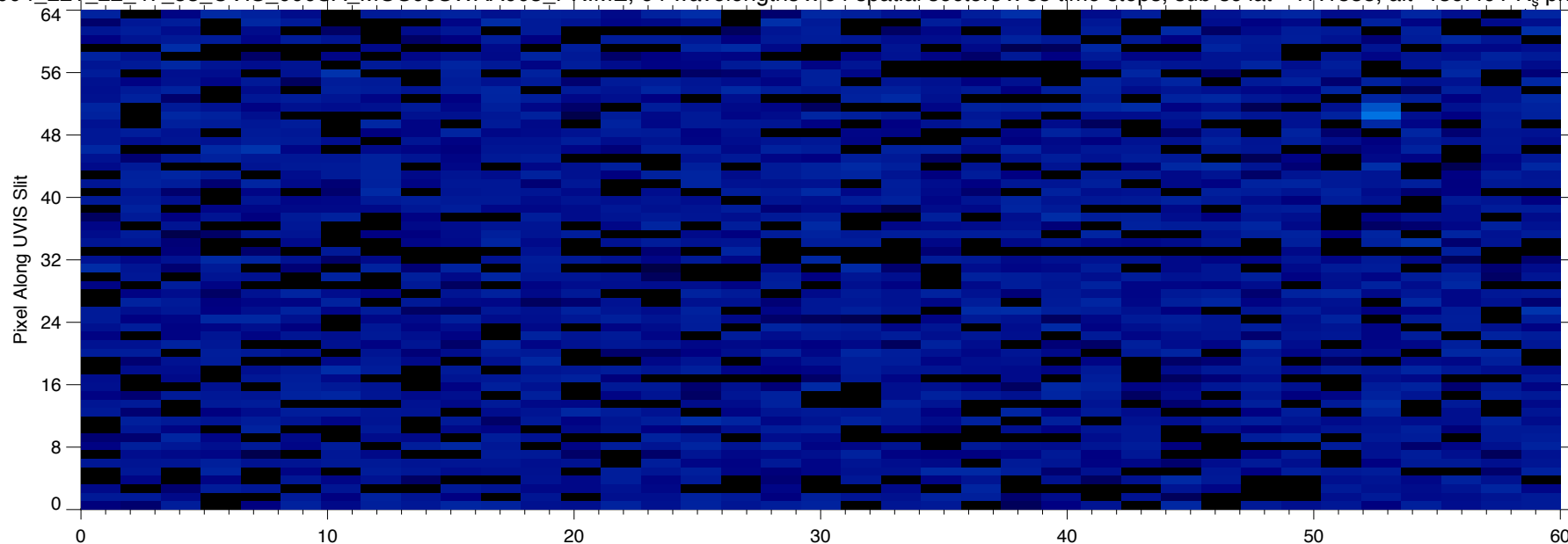
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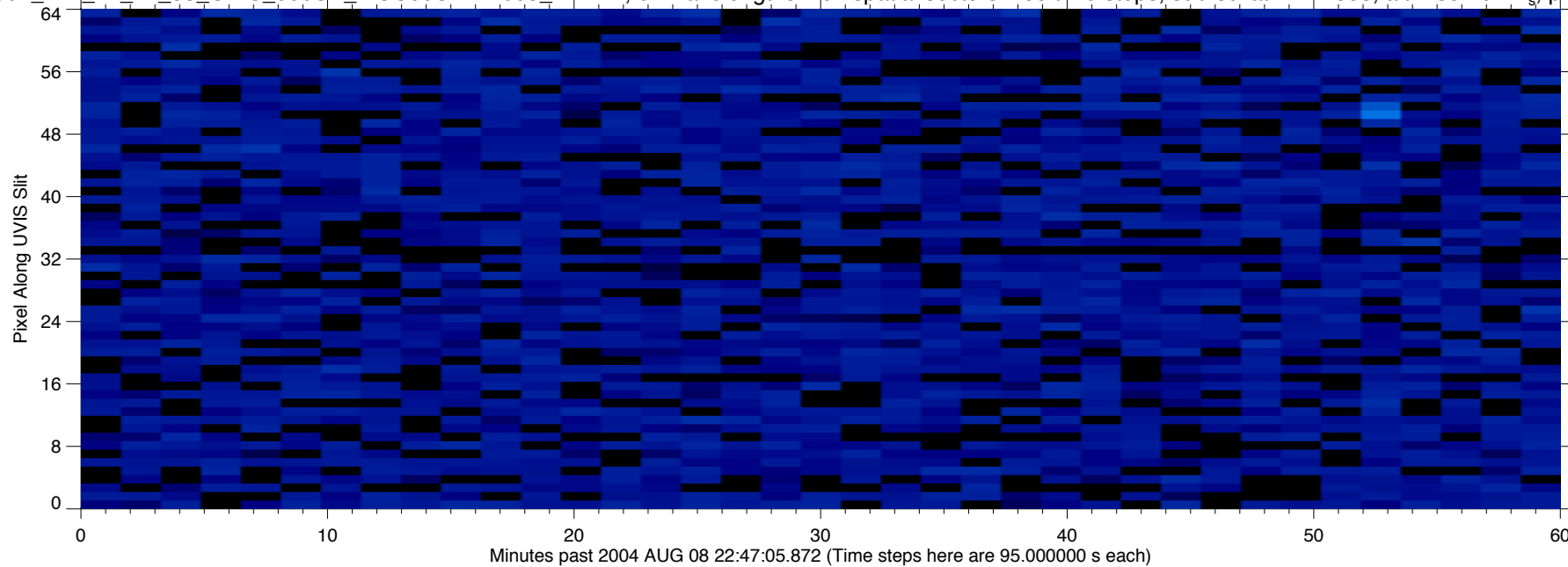
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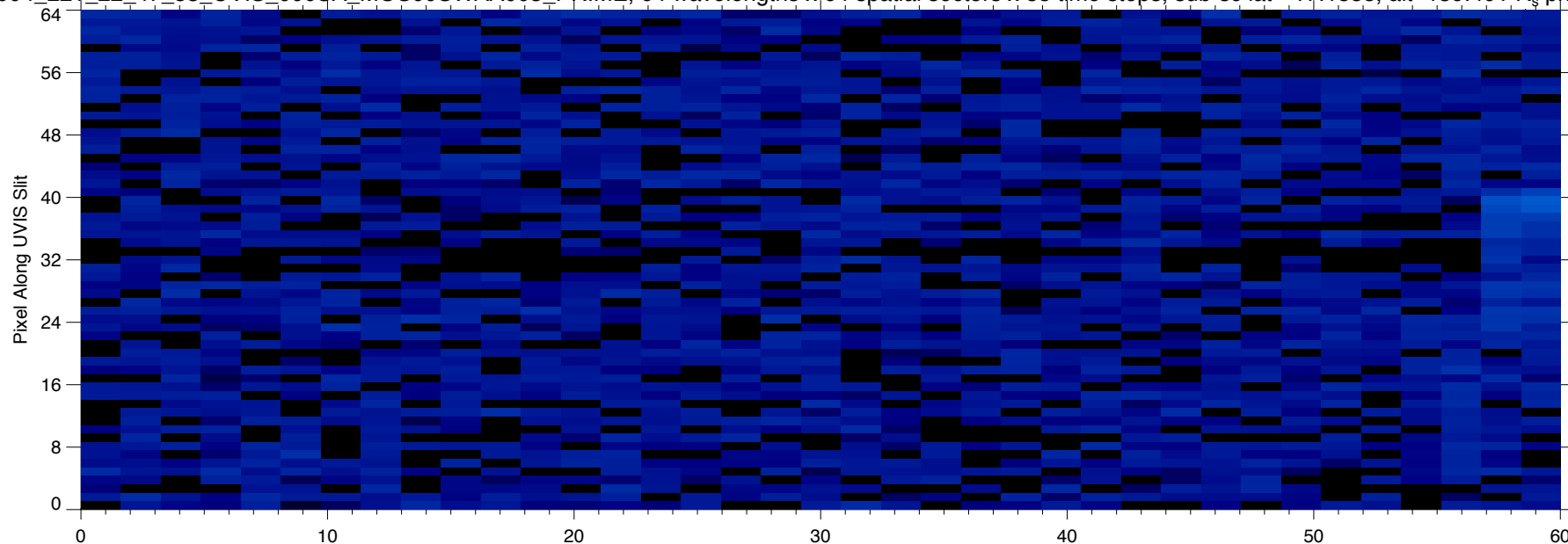
FUV2004_221_22_47_53_UVIS_000SA_MOS00SWAA003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1858, alt=139.401 R_s phase=89.3692



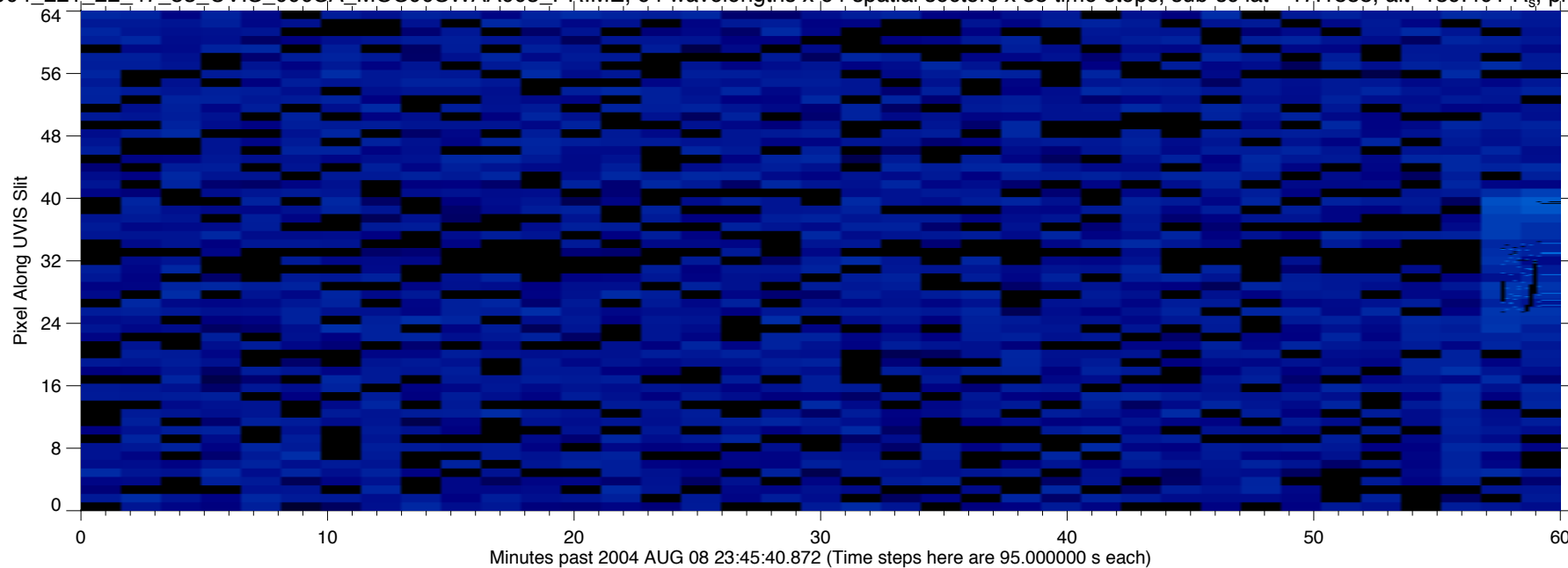
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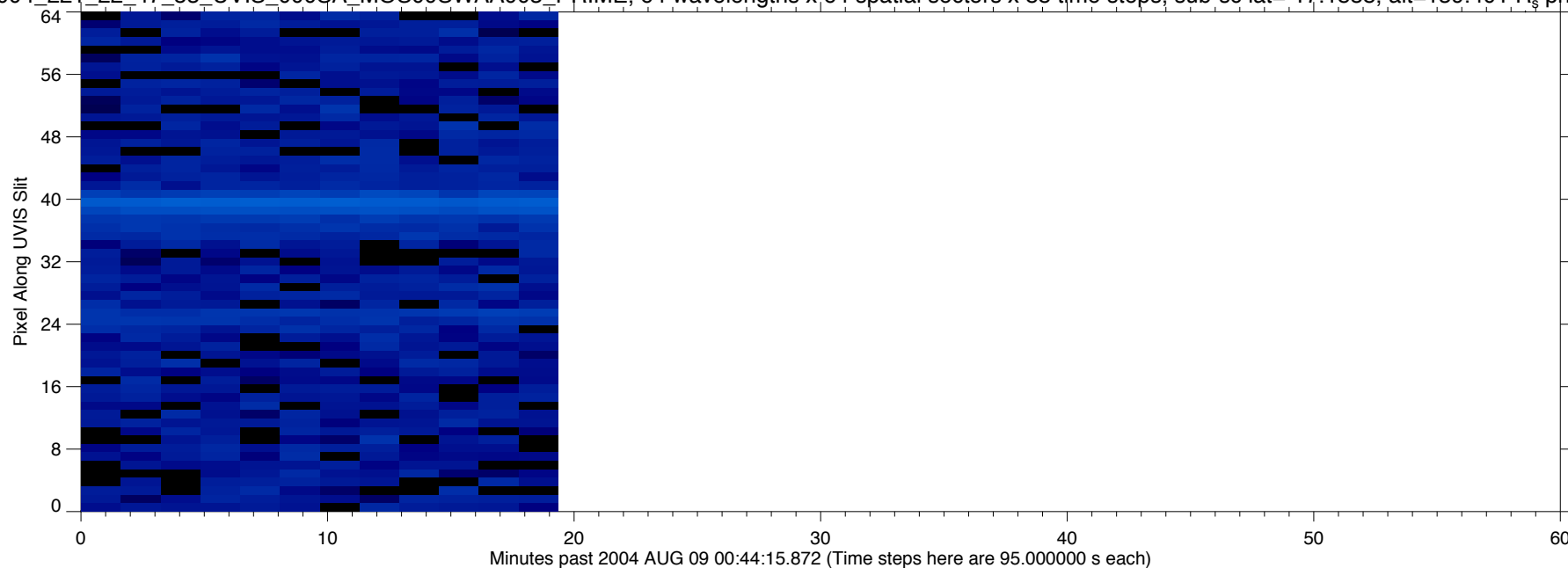
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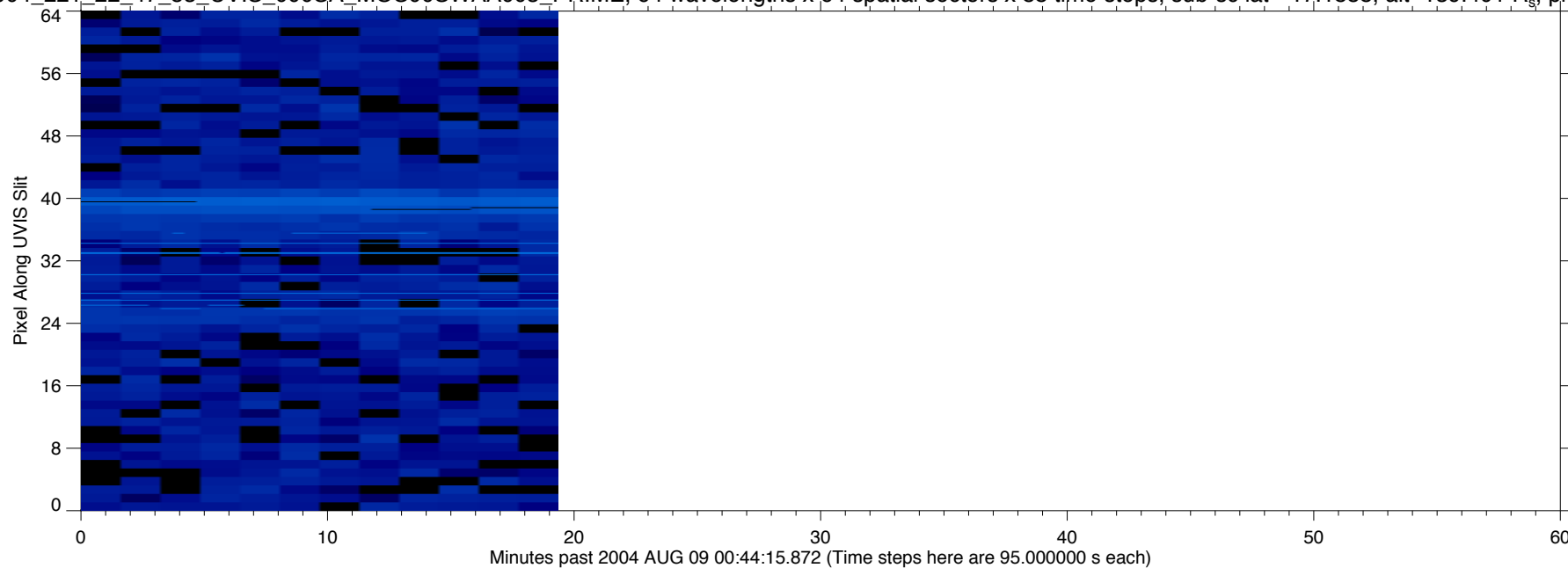
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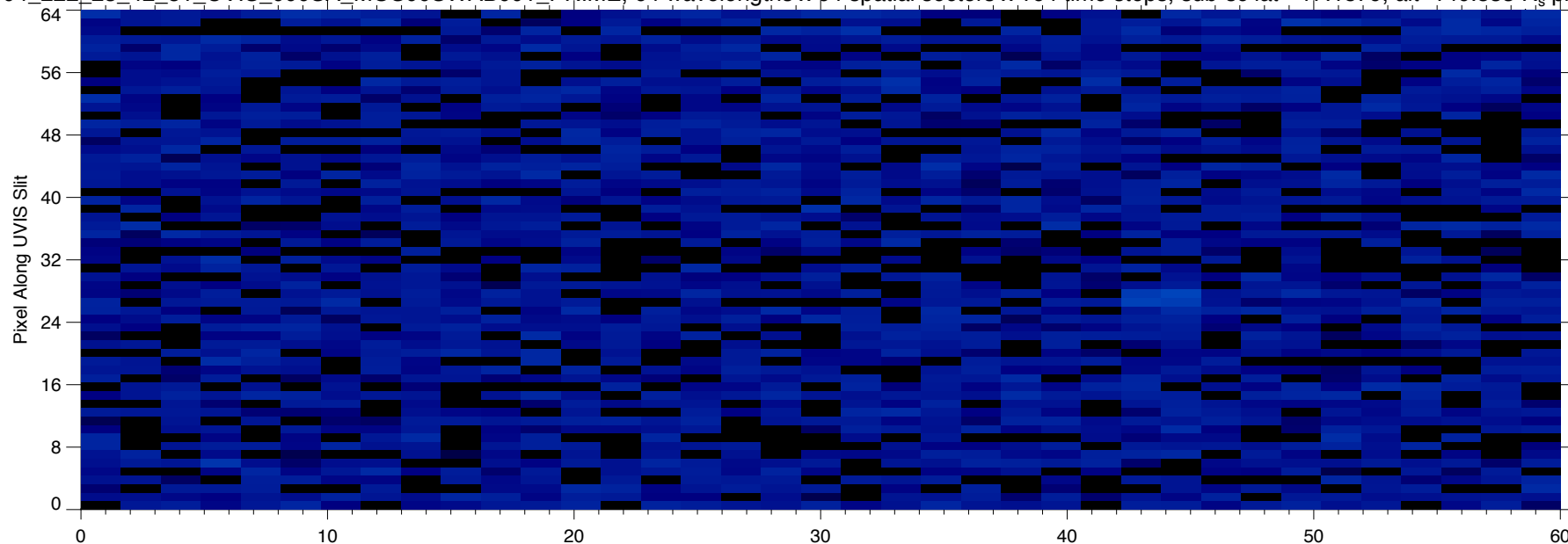
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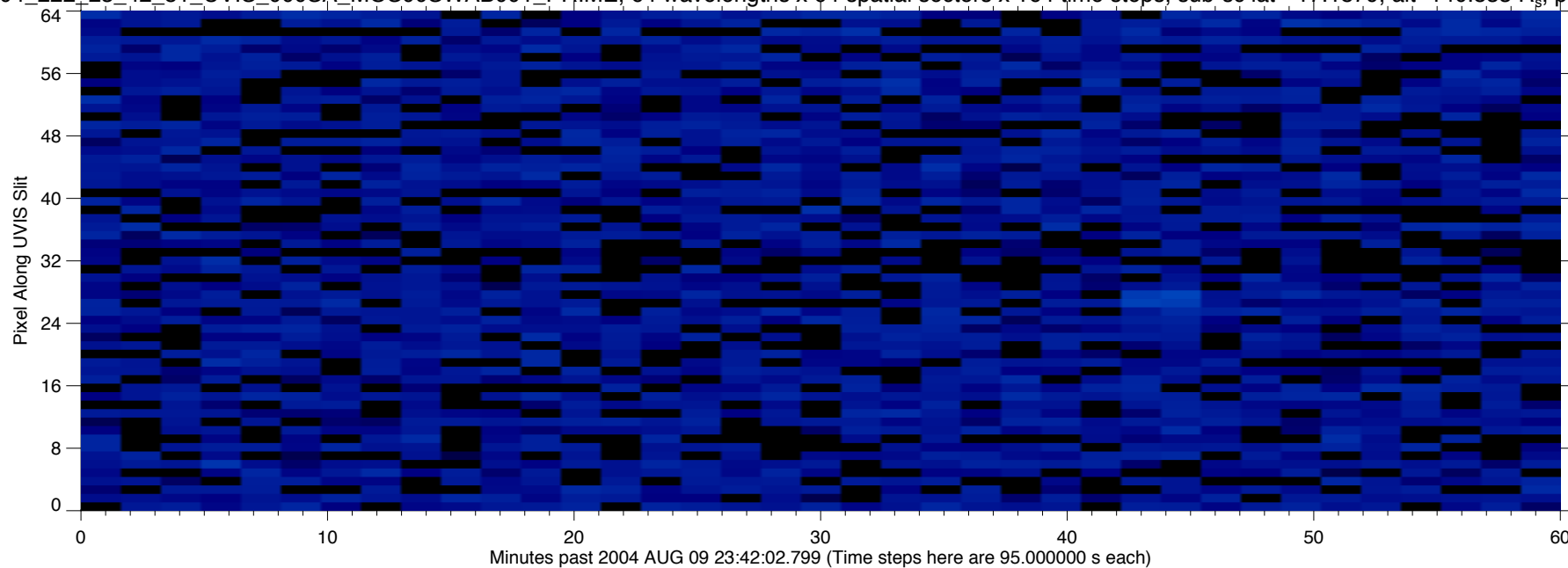
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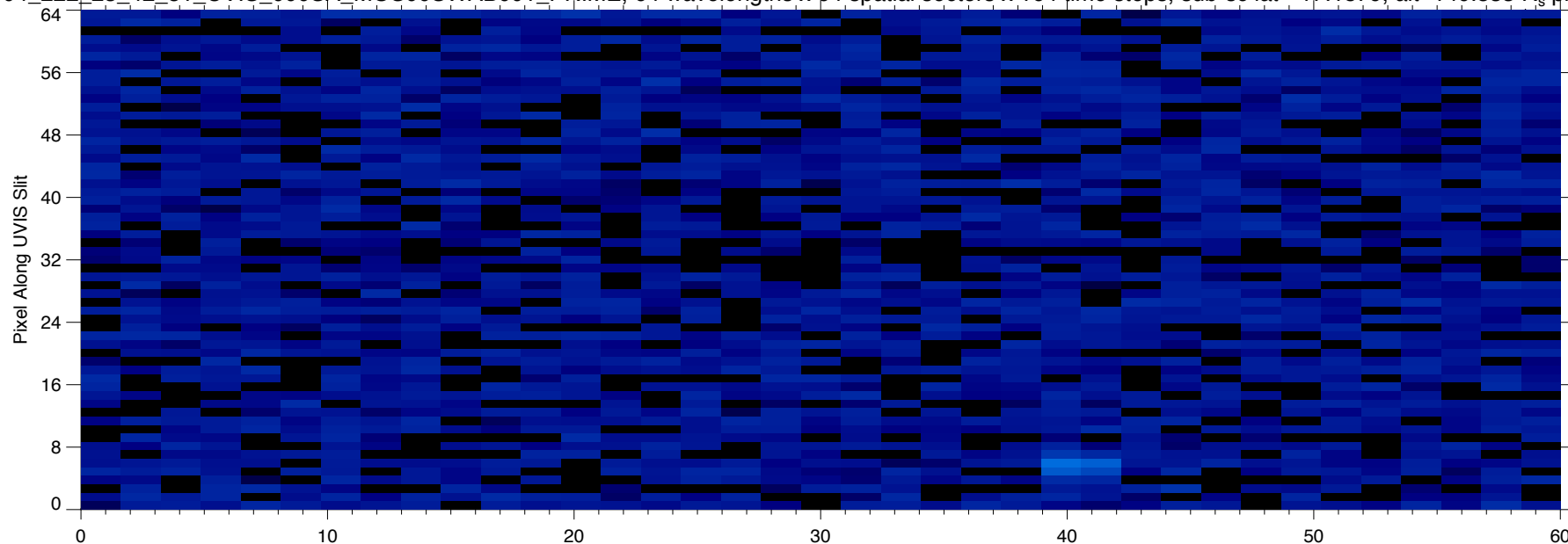
FUV2004_222_23_42_51_UVIS_000SA_MOS00SWAB001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1879, alt=140.533 R_s, phase=89.2488



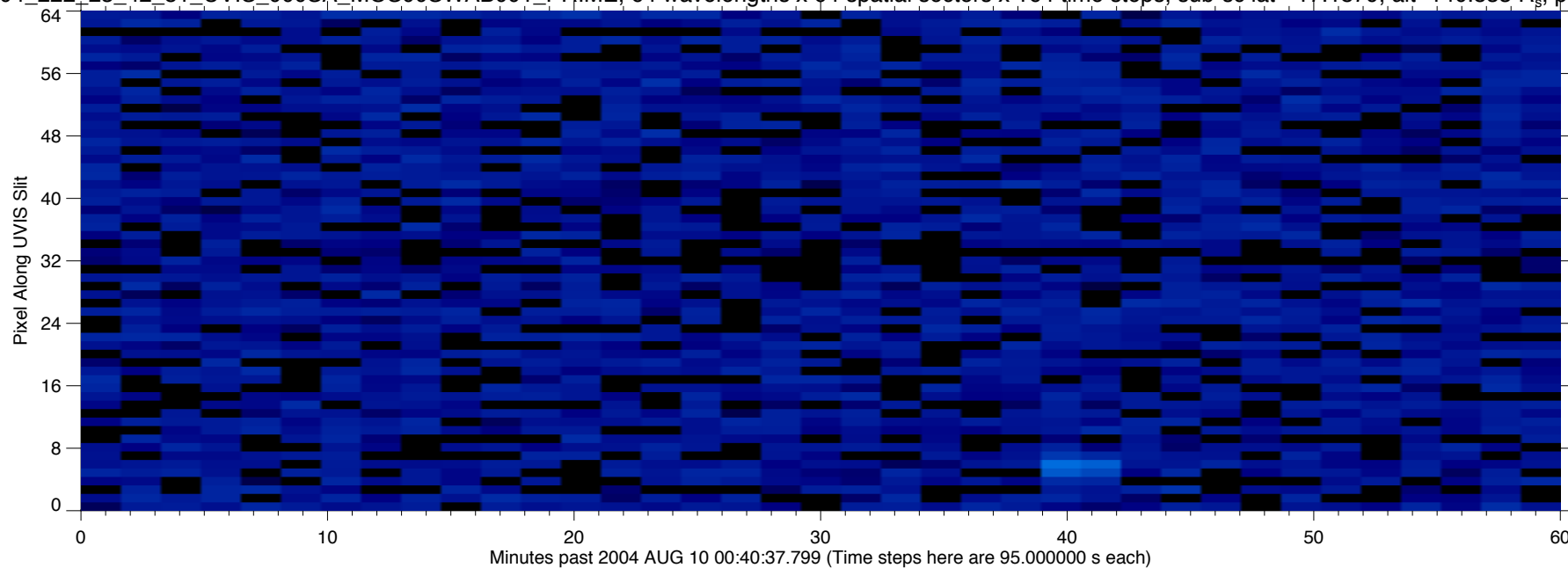
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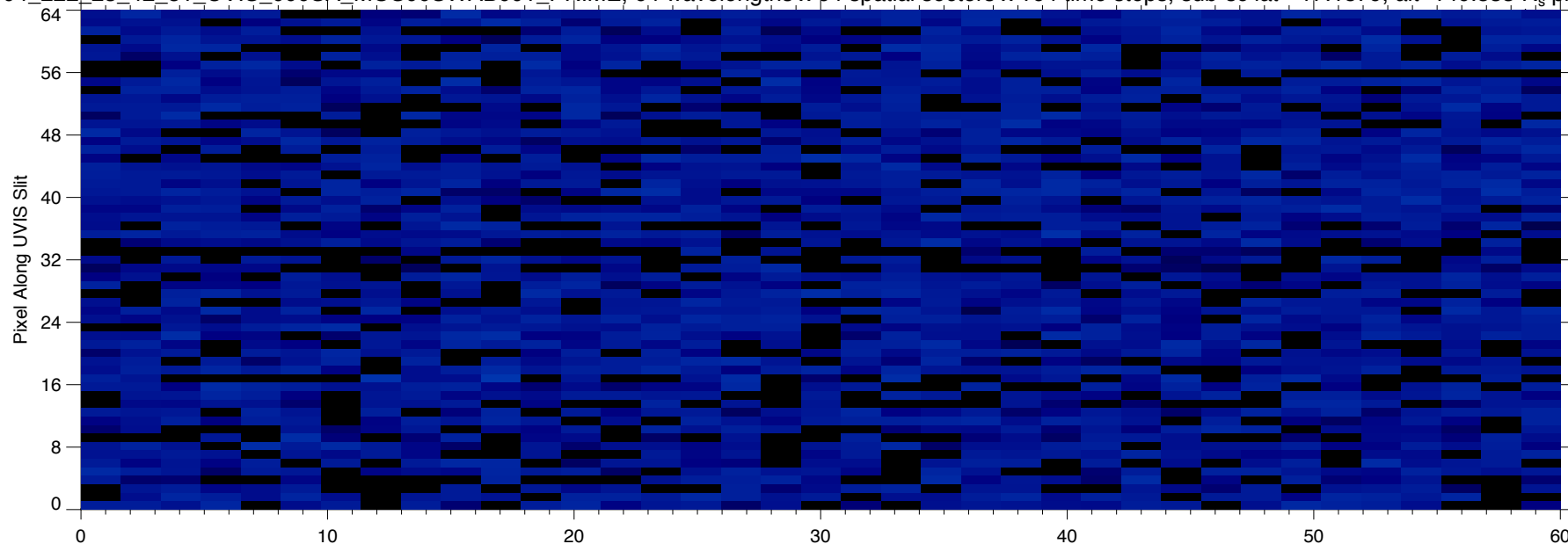
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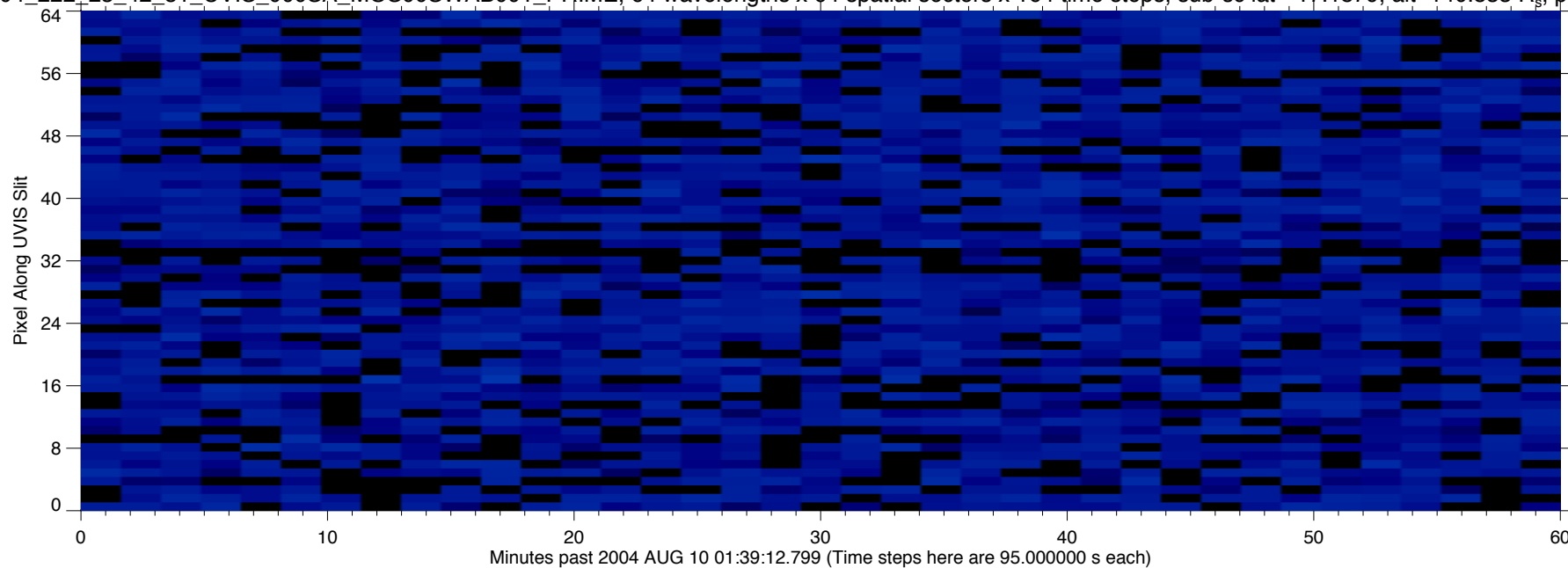
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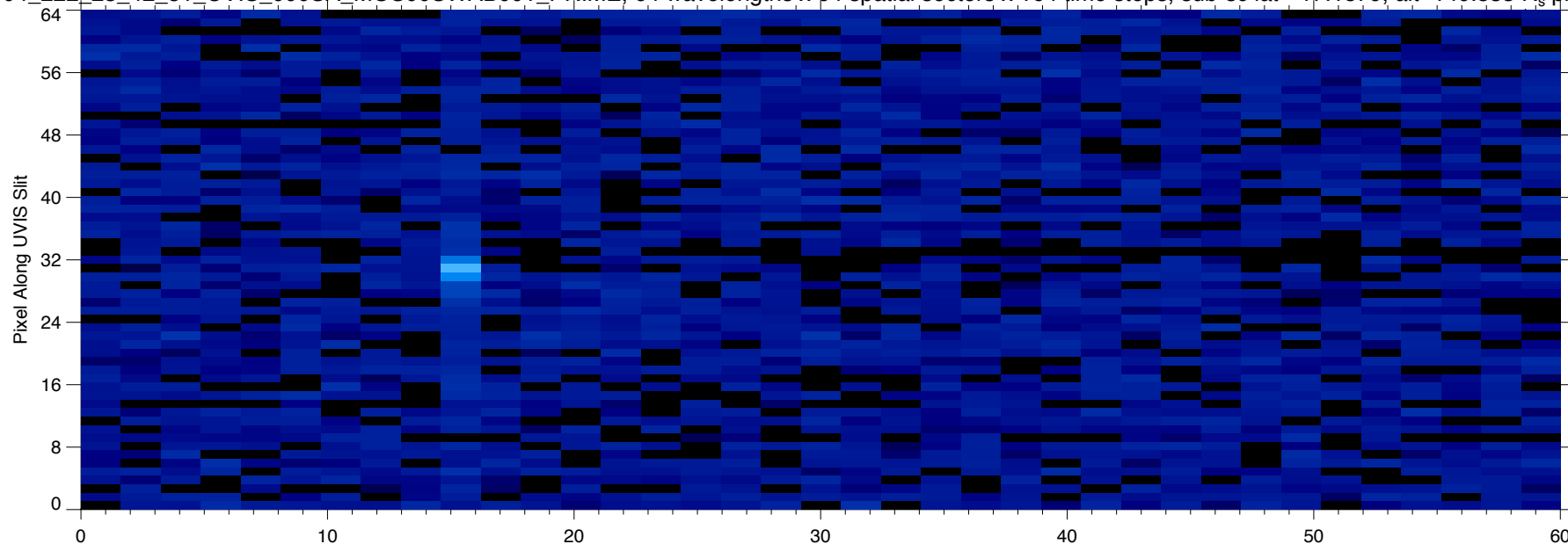
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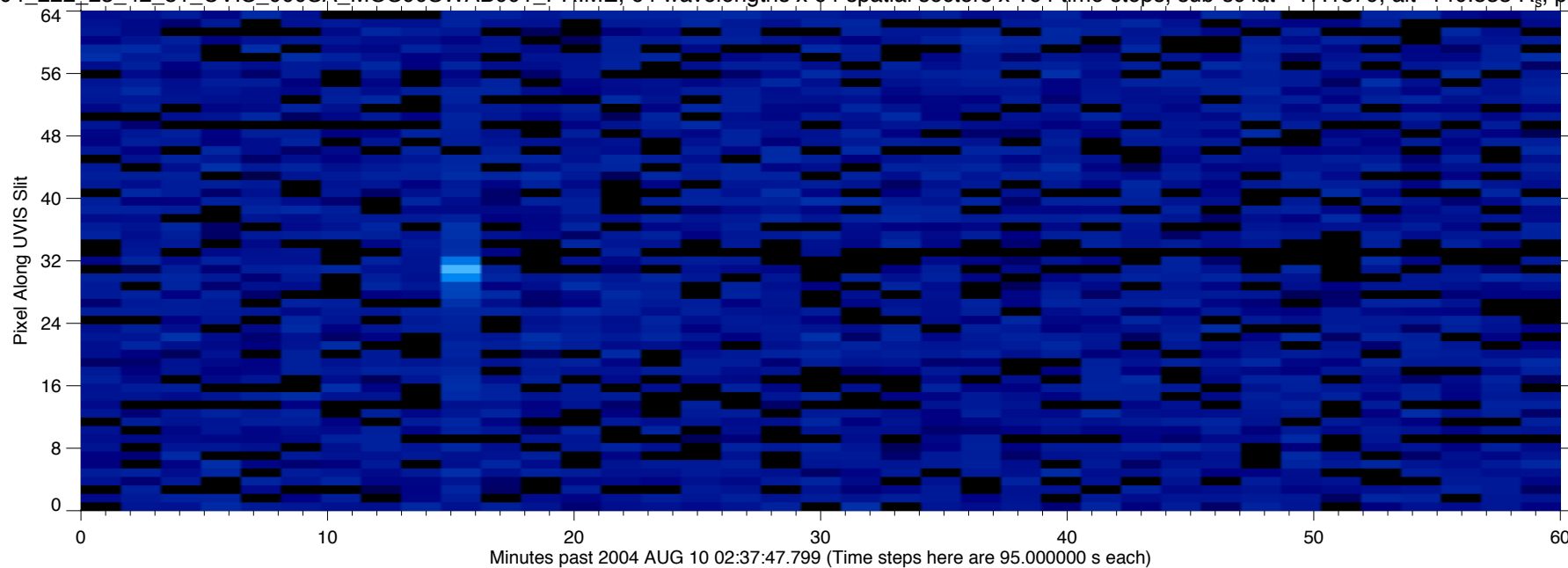
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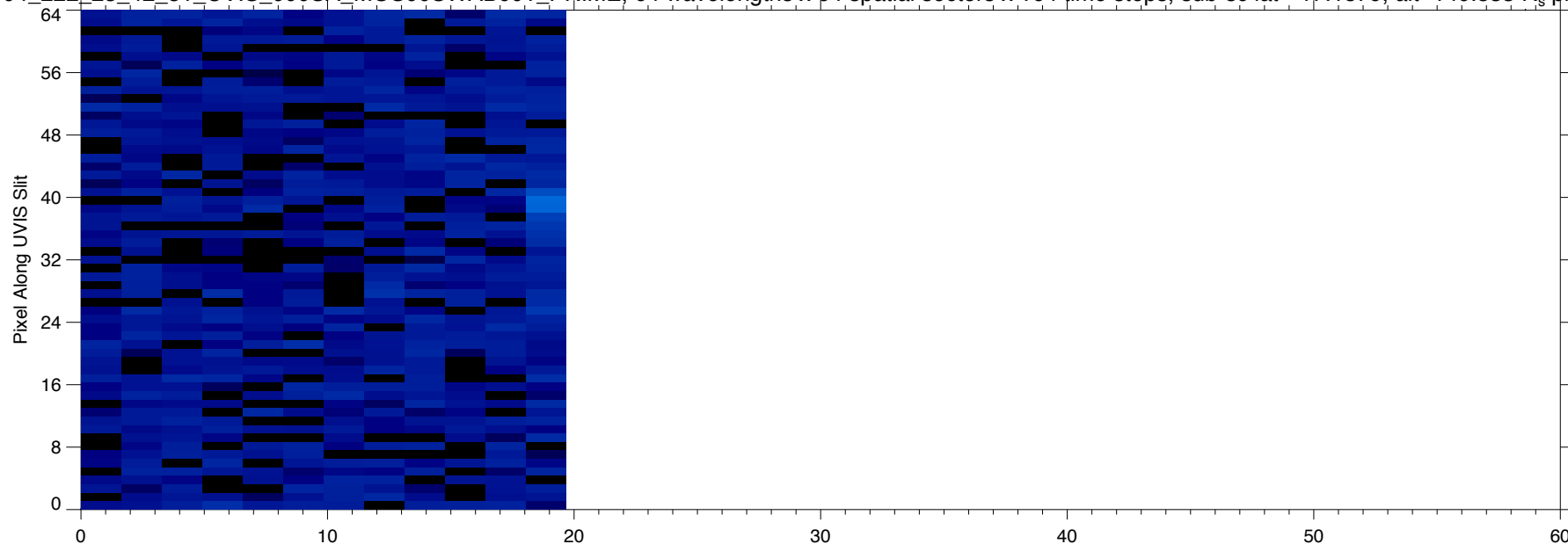
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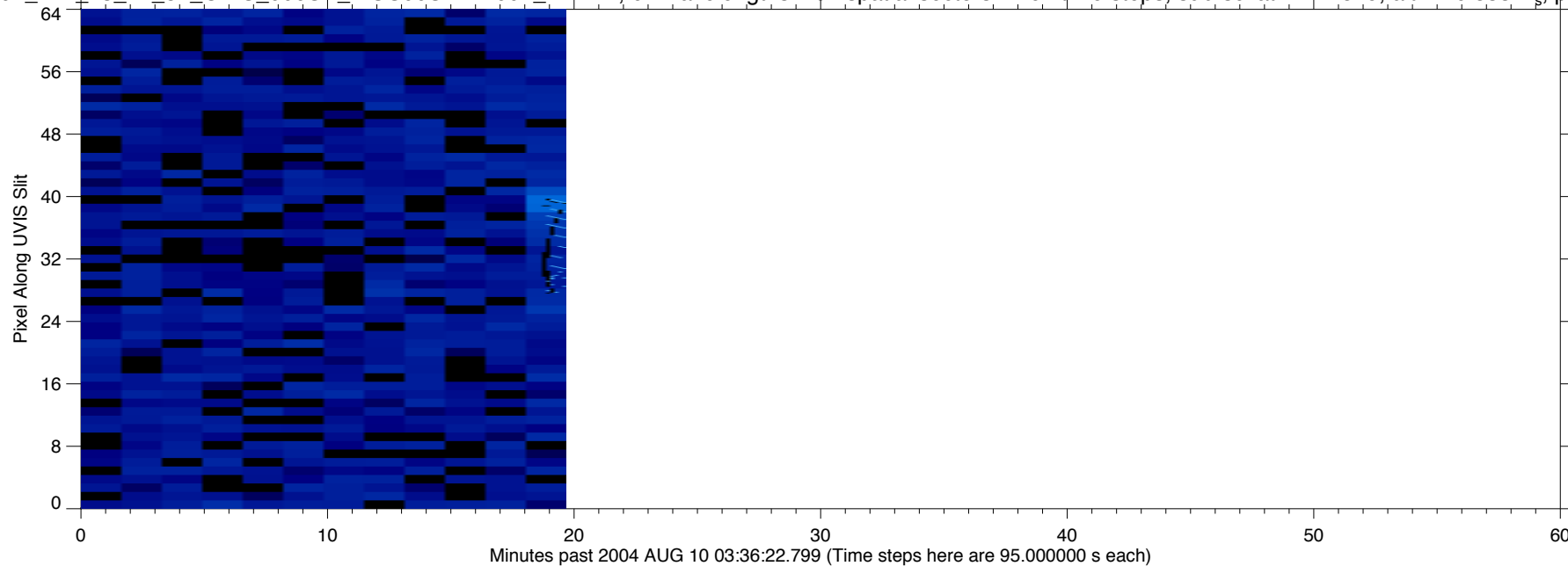
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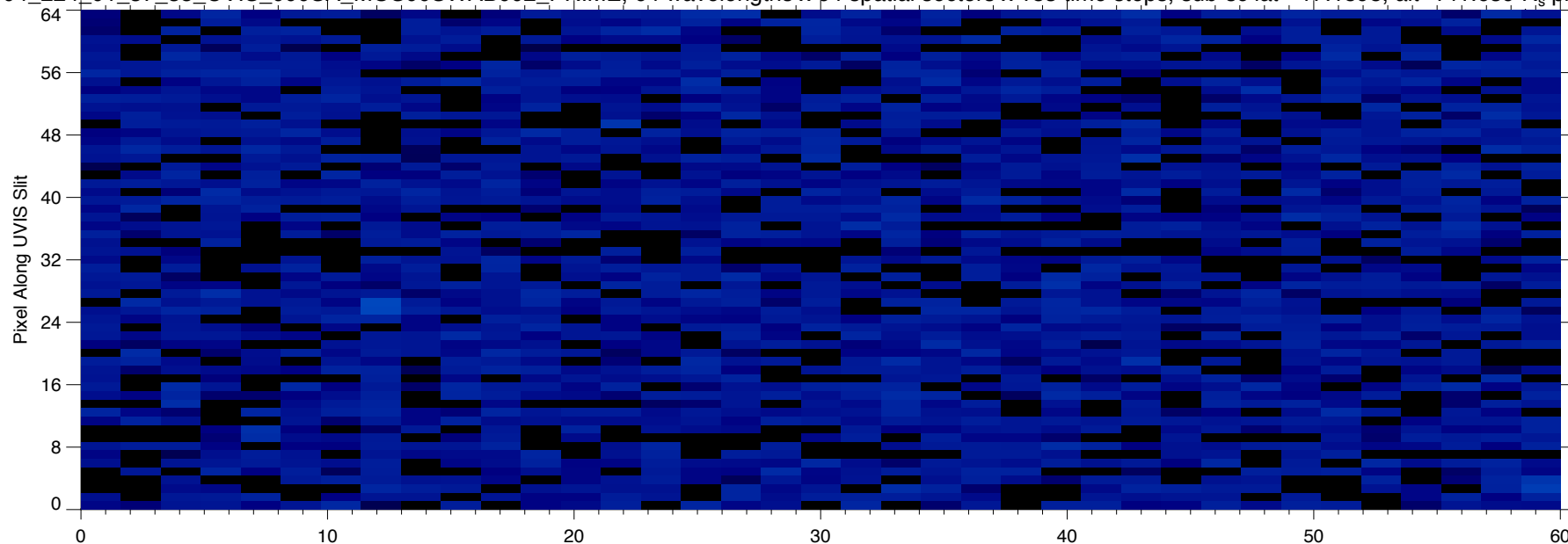
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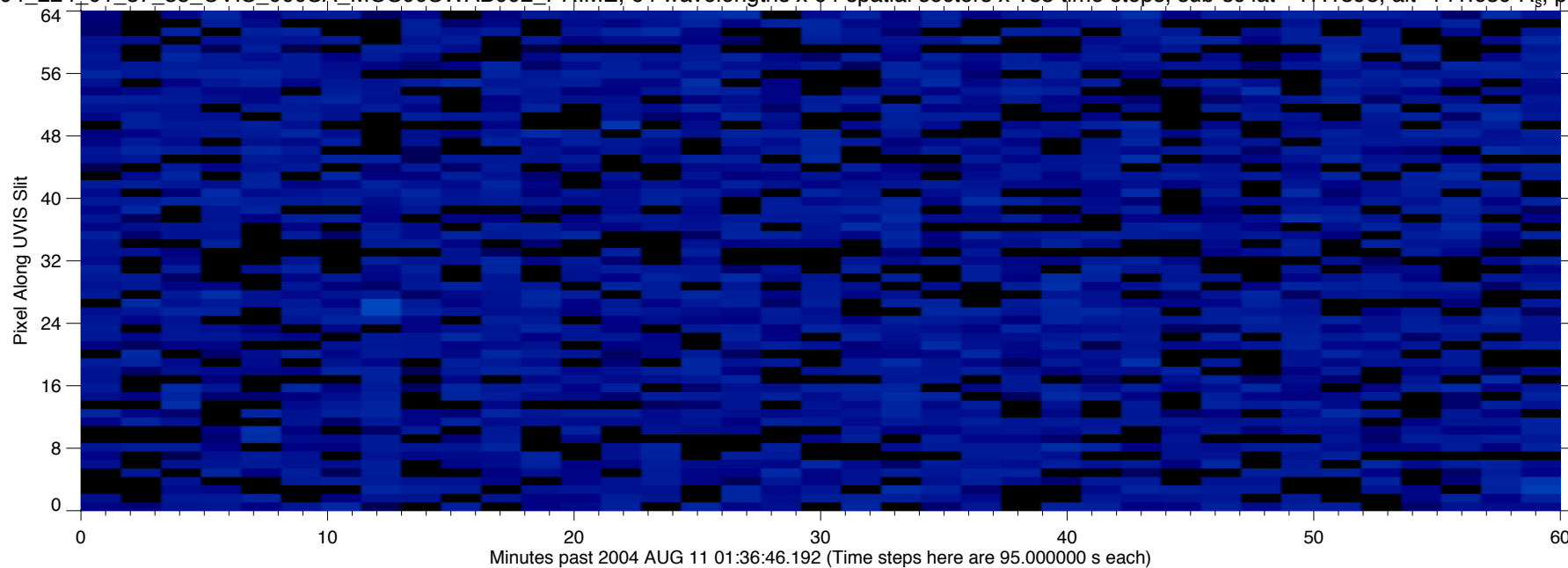
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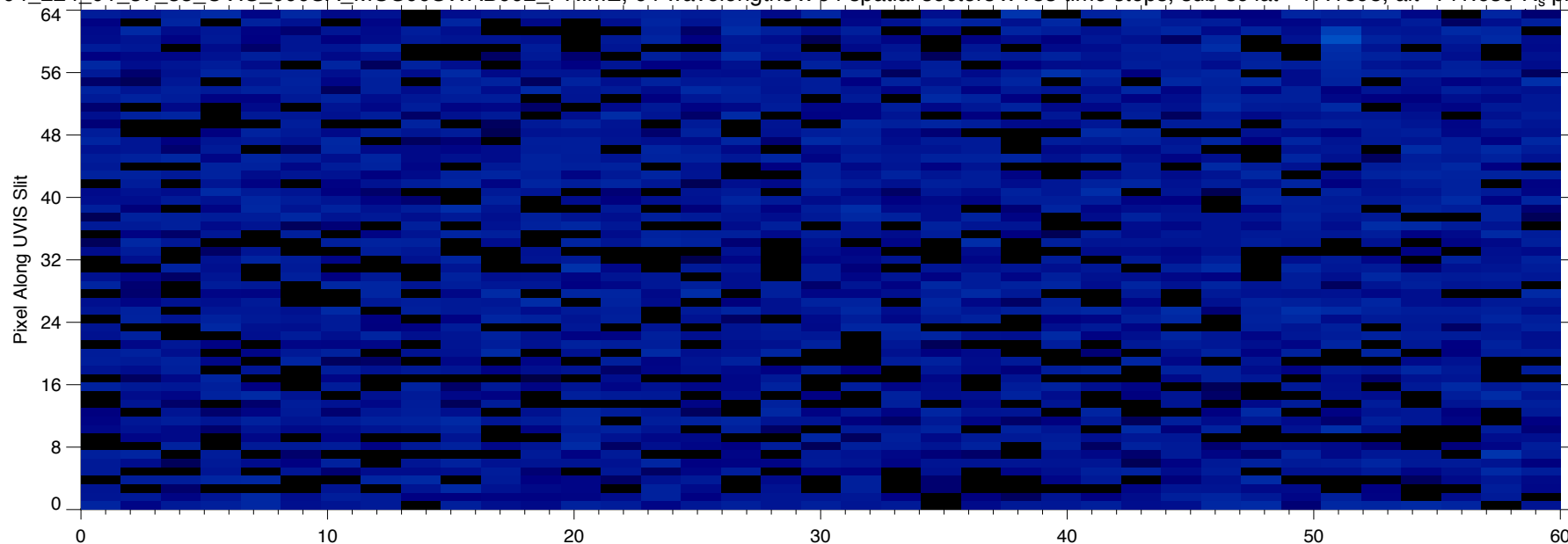
FUV2004_224_01_37_35_UVIS_000SA_MOS00SWAB002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1898, alt=141.639 R_s, phase=89.1265



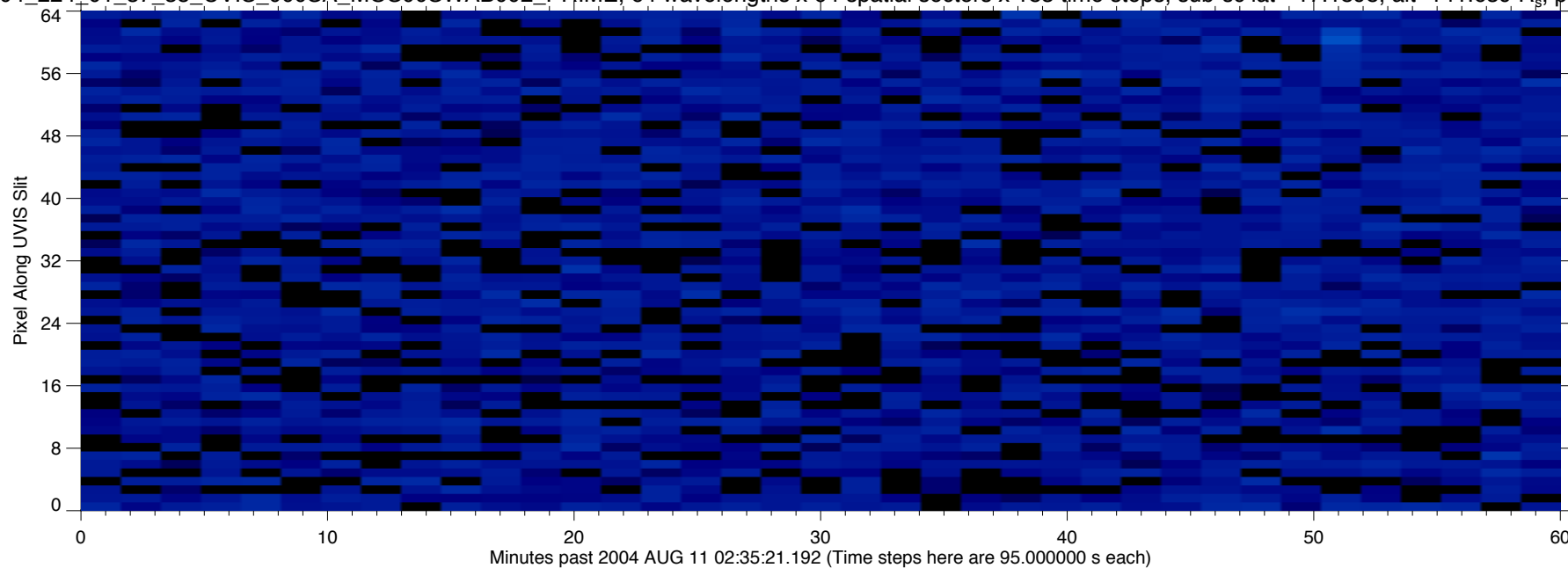
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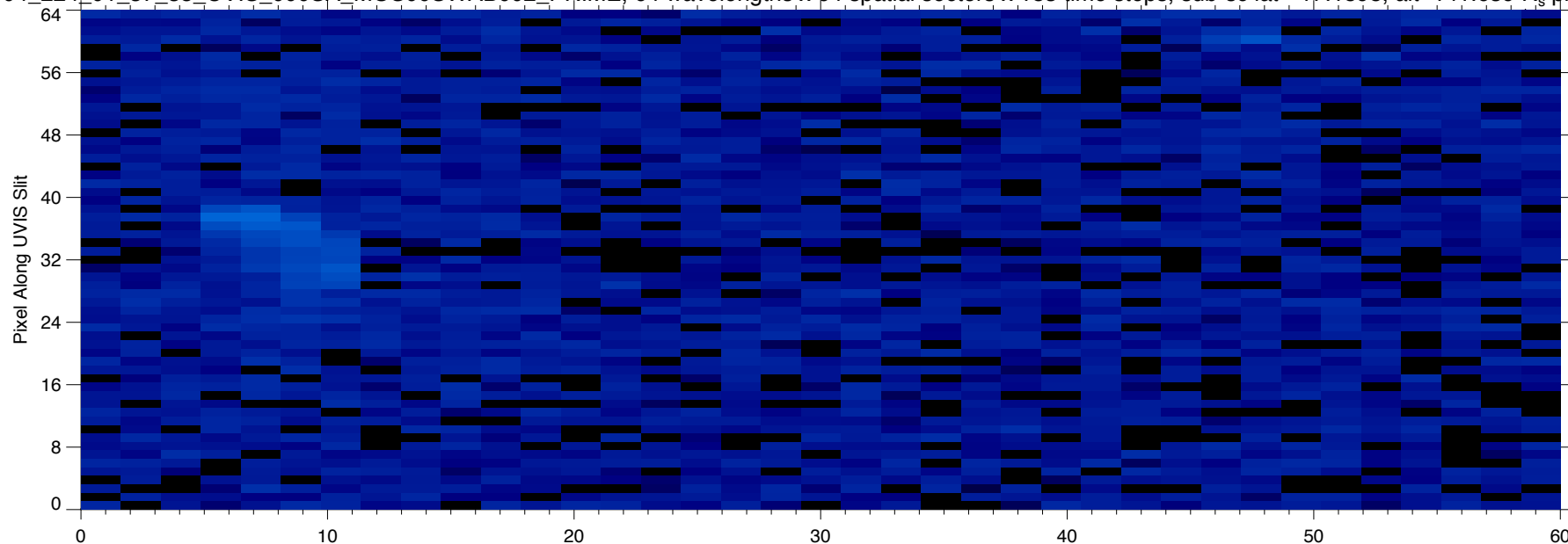
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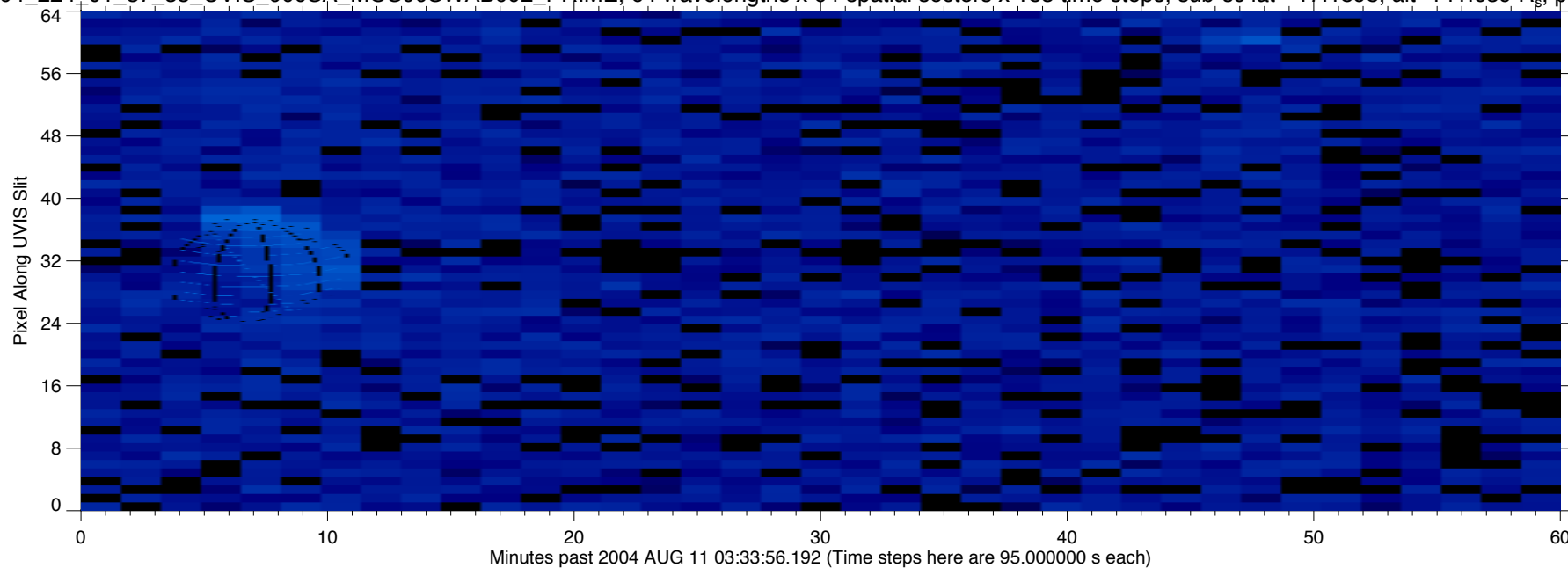
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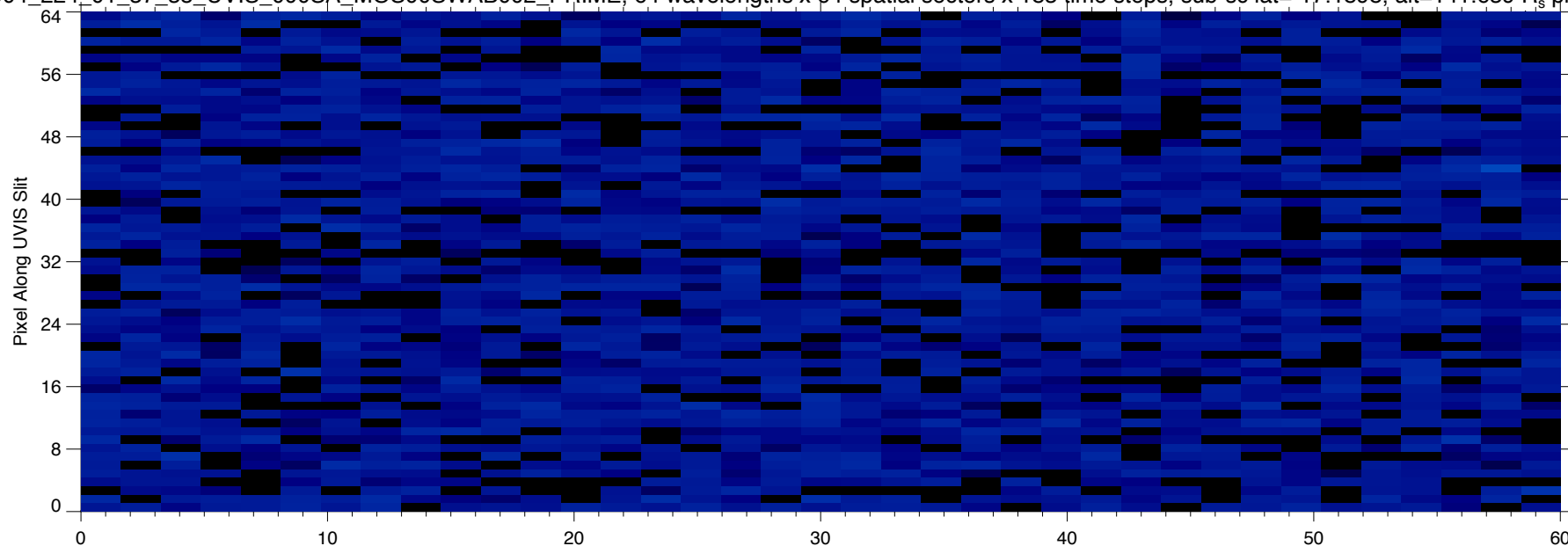
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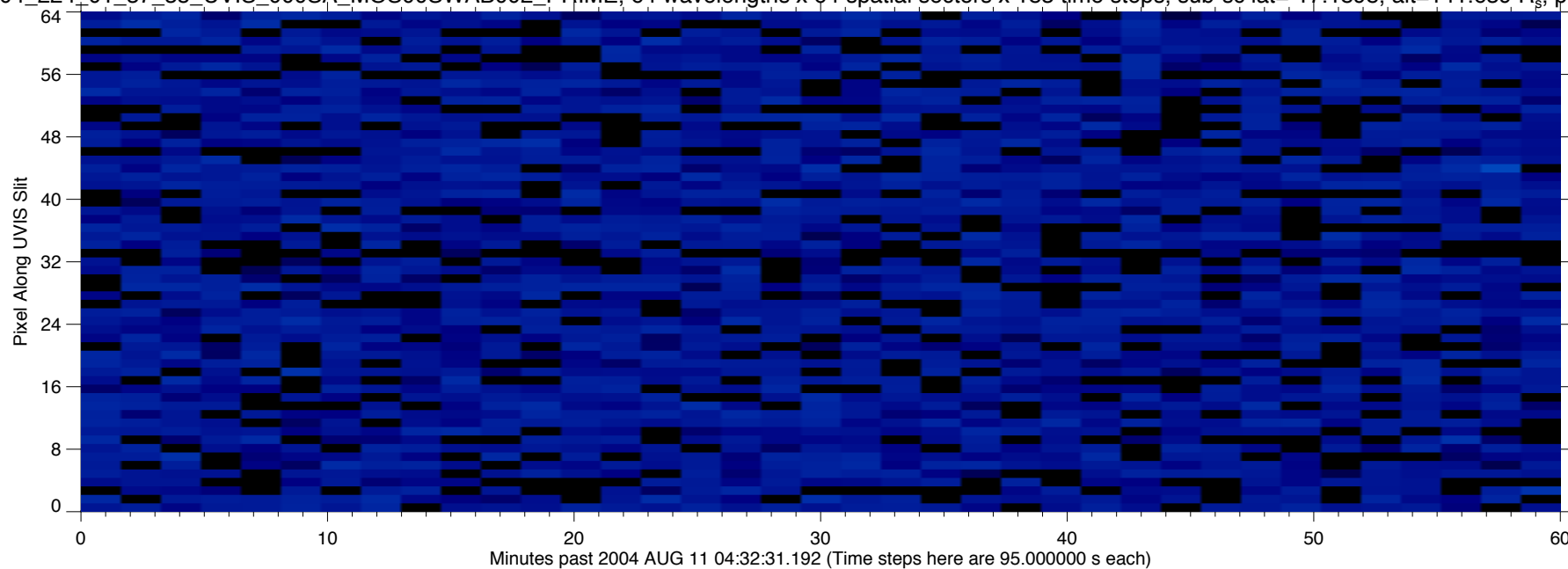
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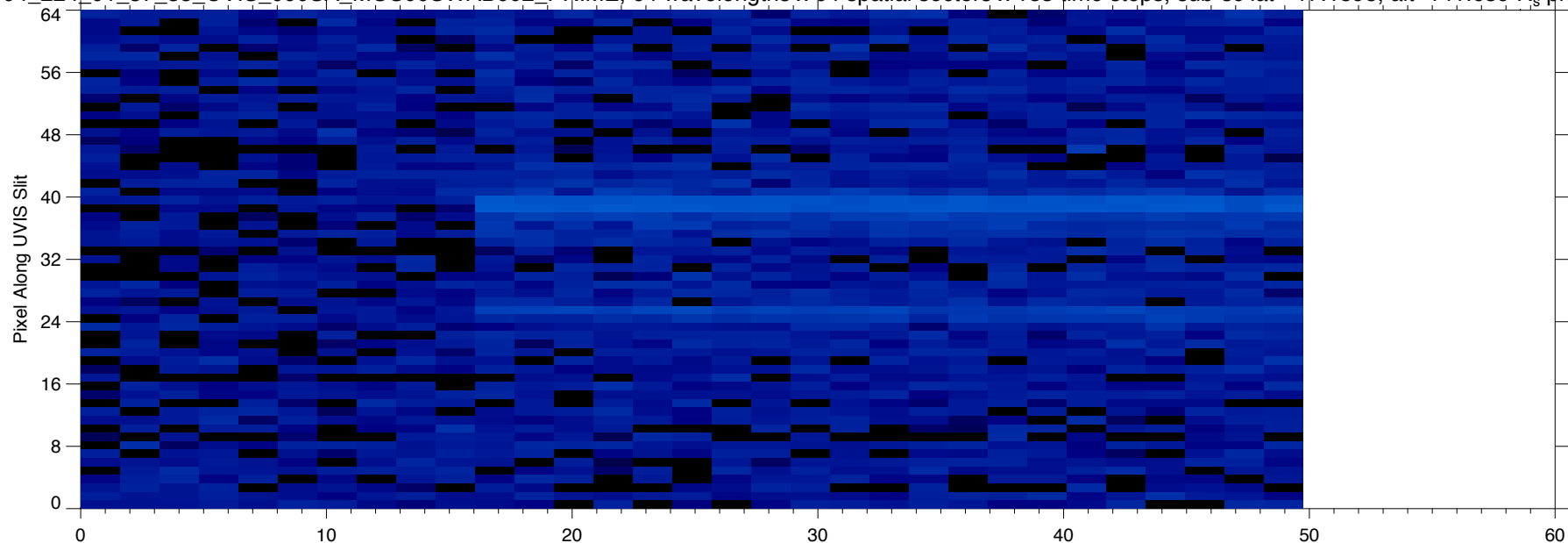
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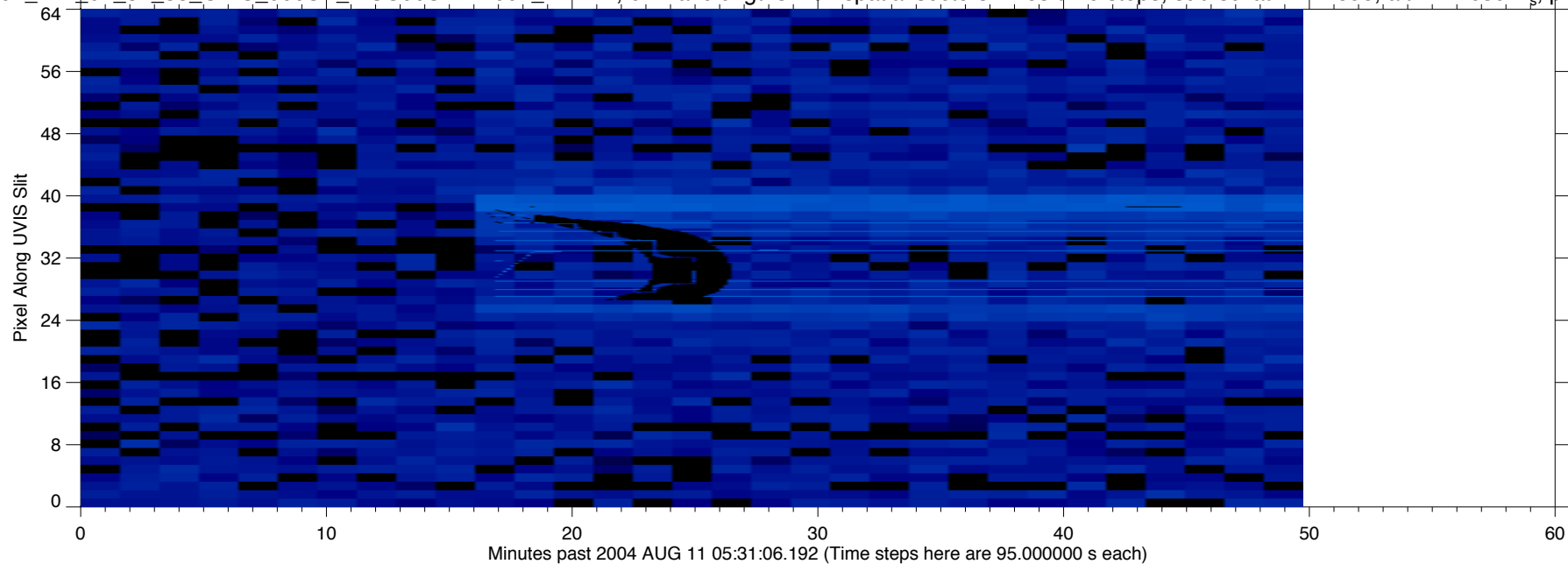
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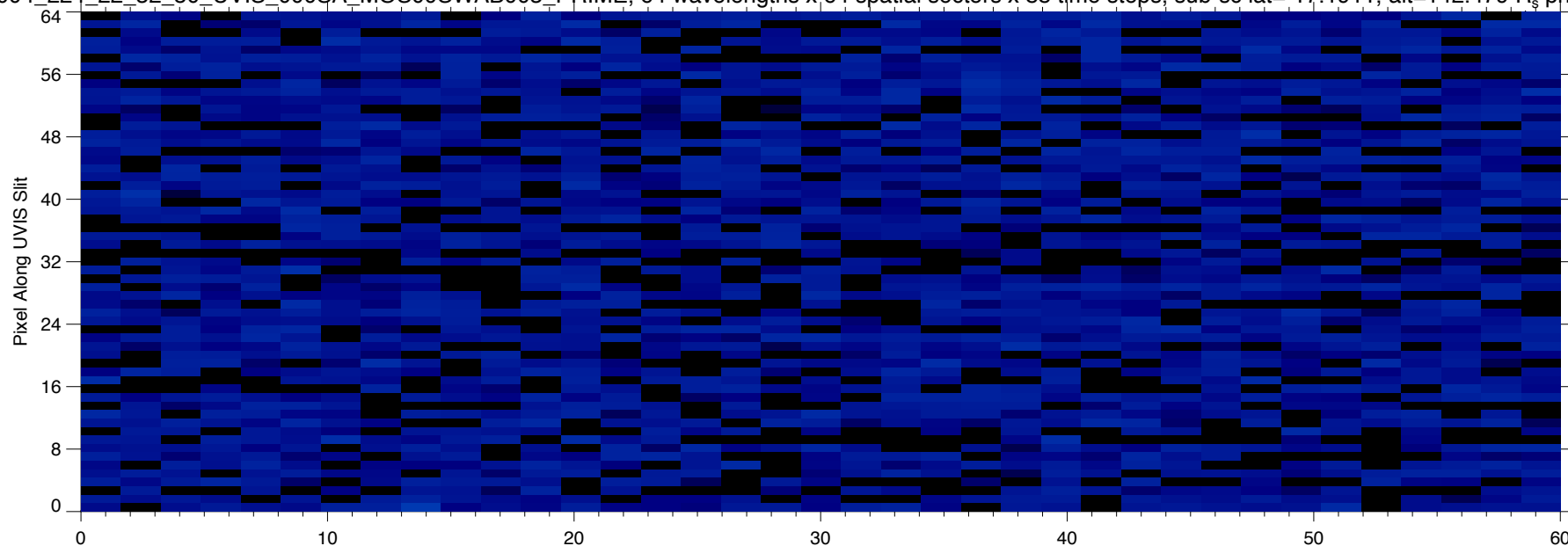
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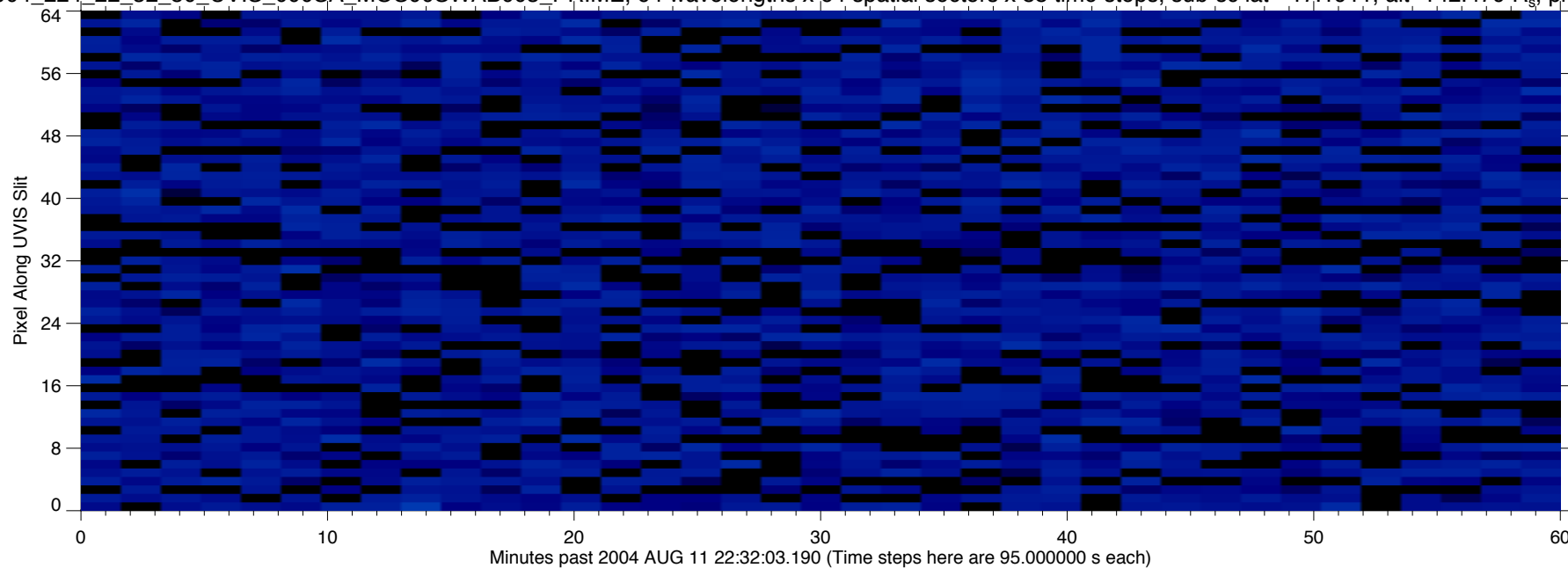
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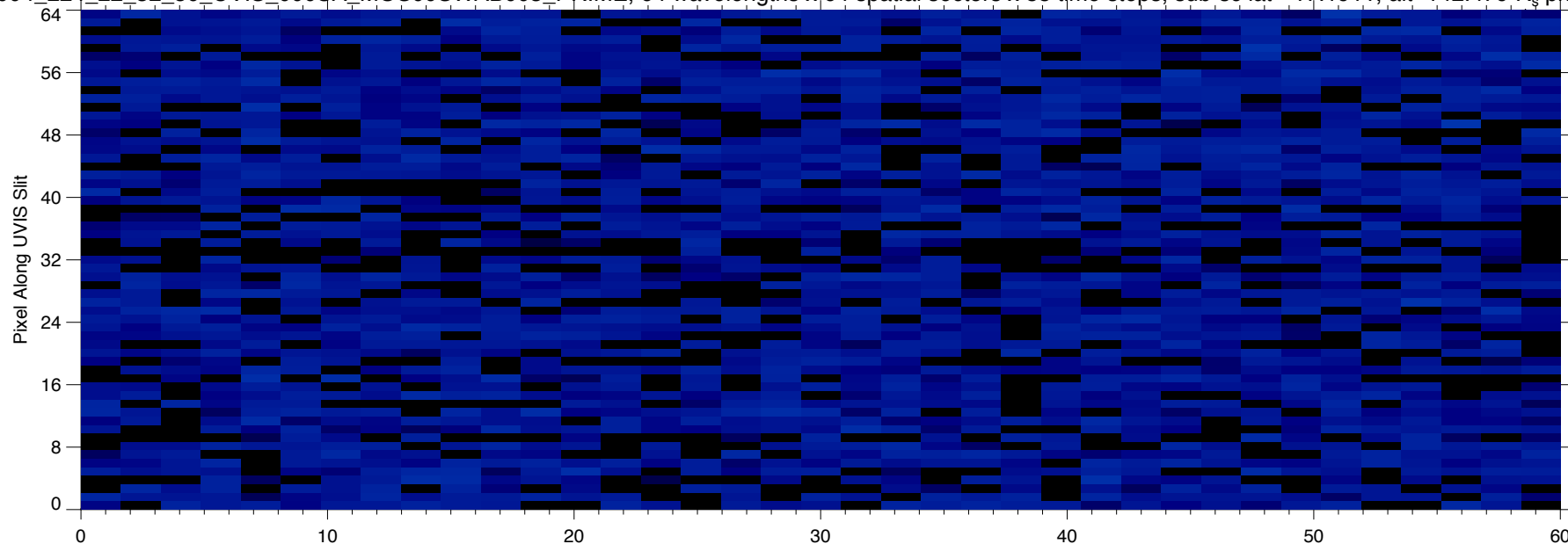
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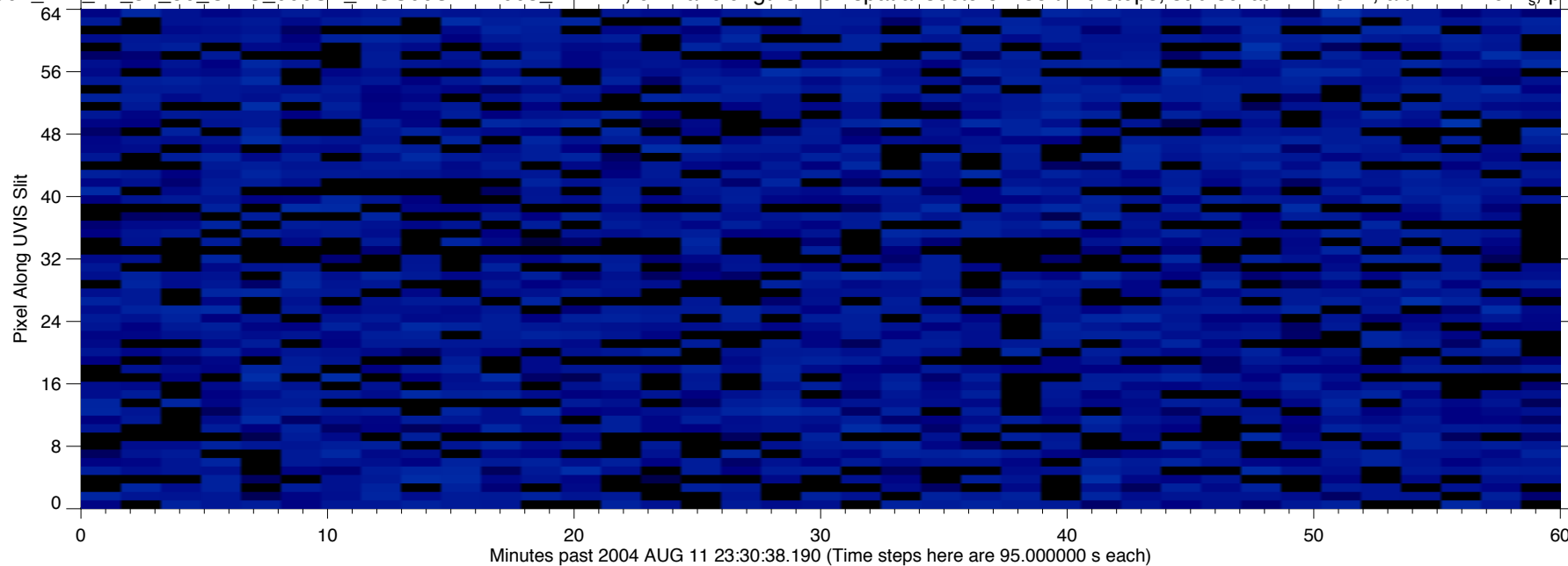
FUV2004_224_22_32_50_UVIS_000SA_MOS00SWAB003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1911, alt=142.479 R_s phase=89.0296



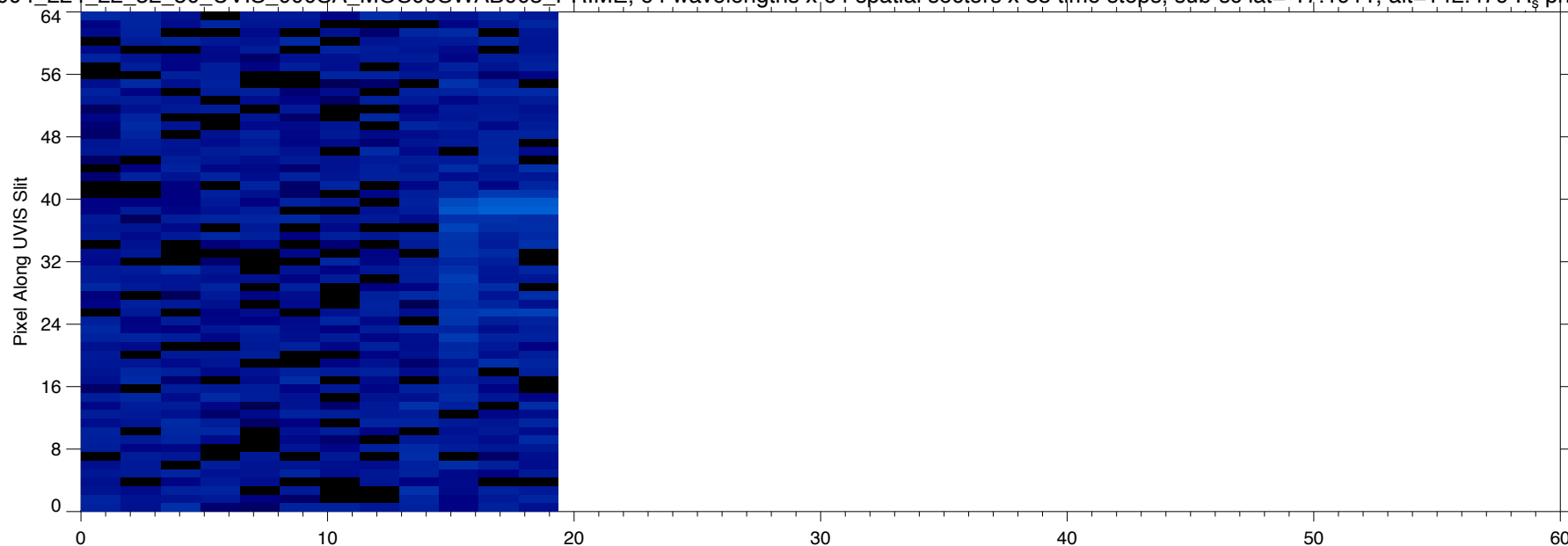
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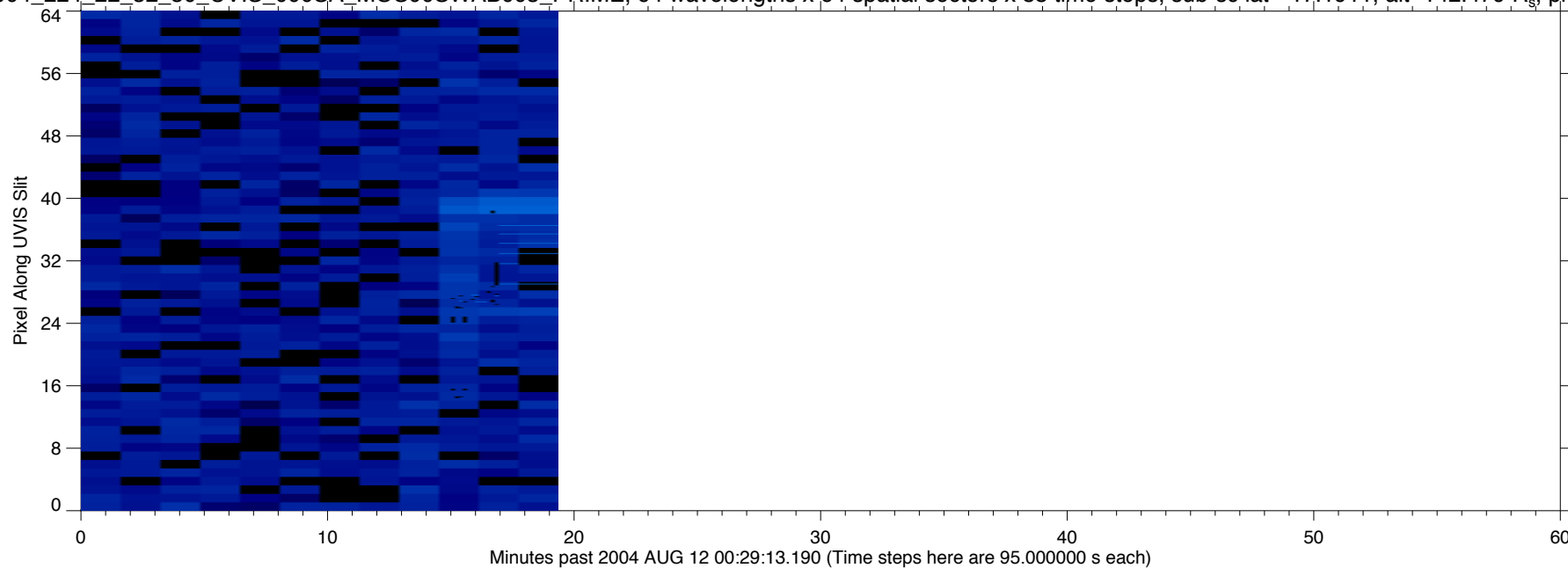
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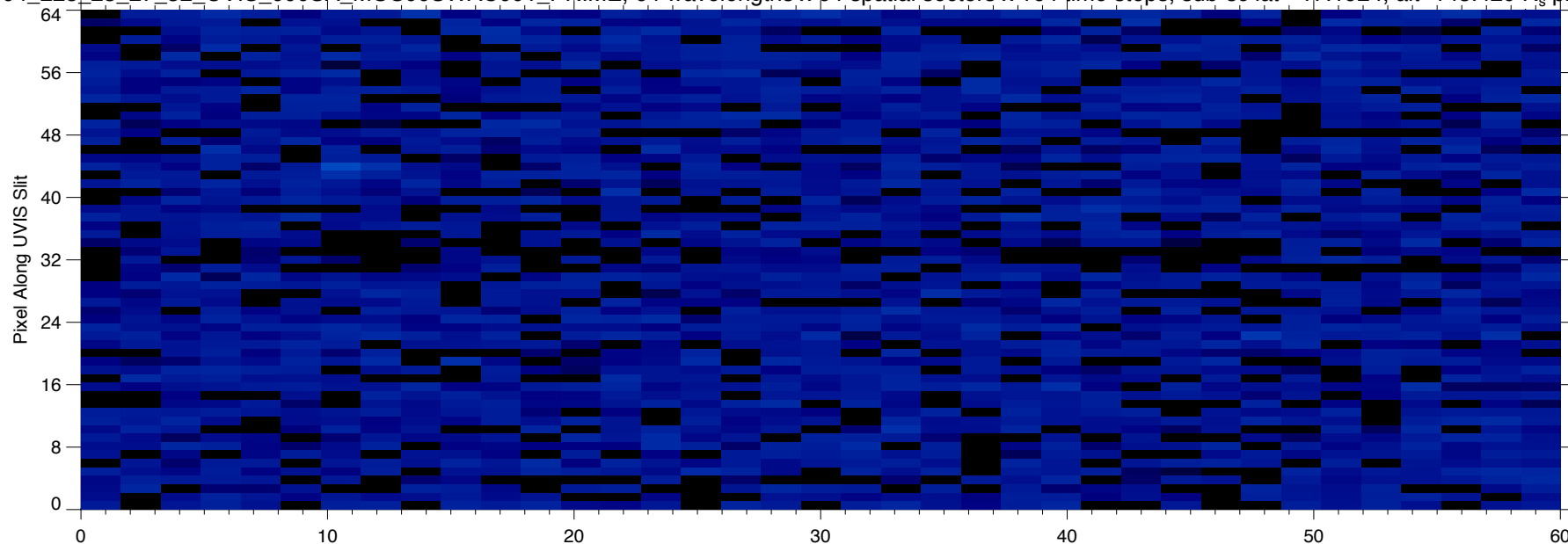
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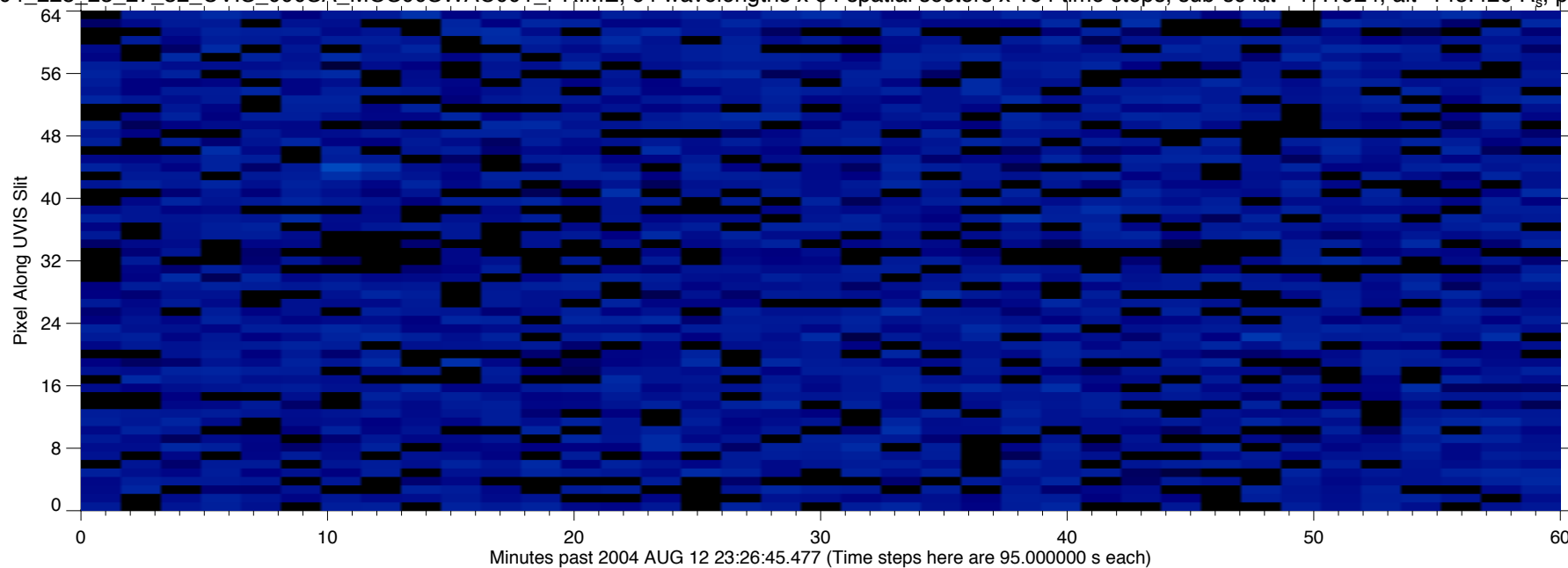
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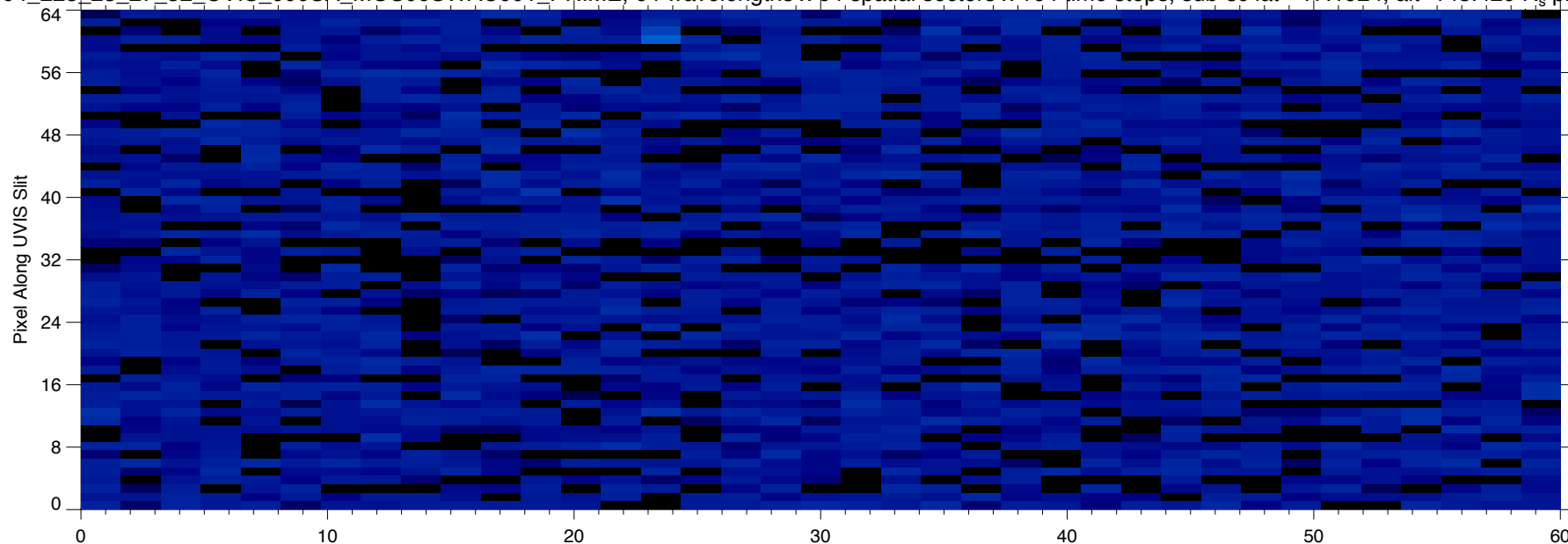
FUV2004_225_23_27_32_UVIS_000SA_MOS00SWAC001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1924, alt=143.420 R_s, phase=88.9162



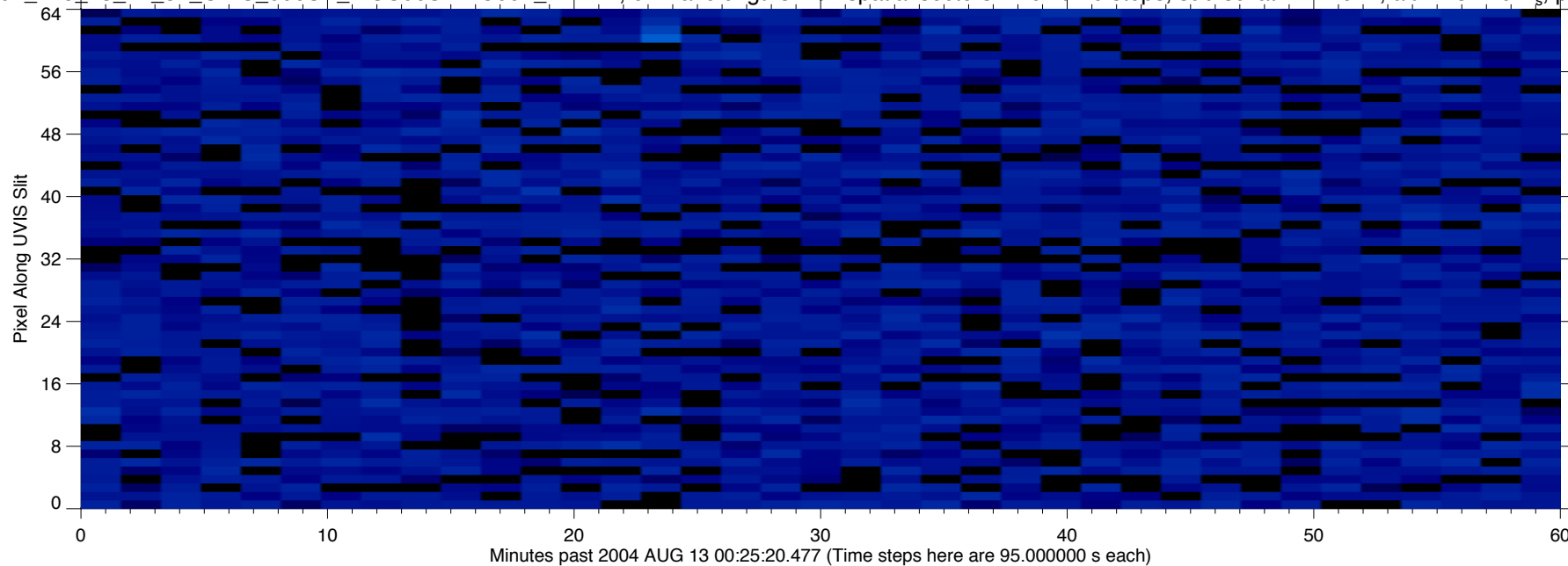
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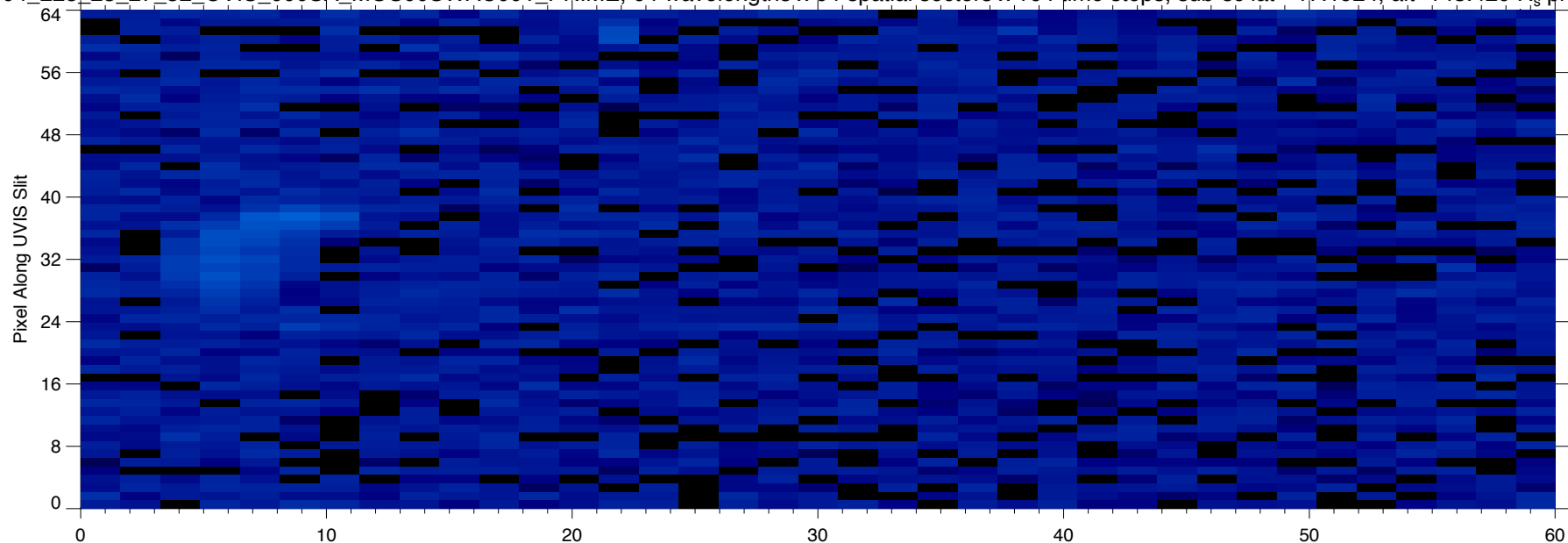
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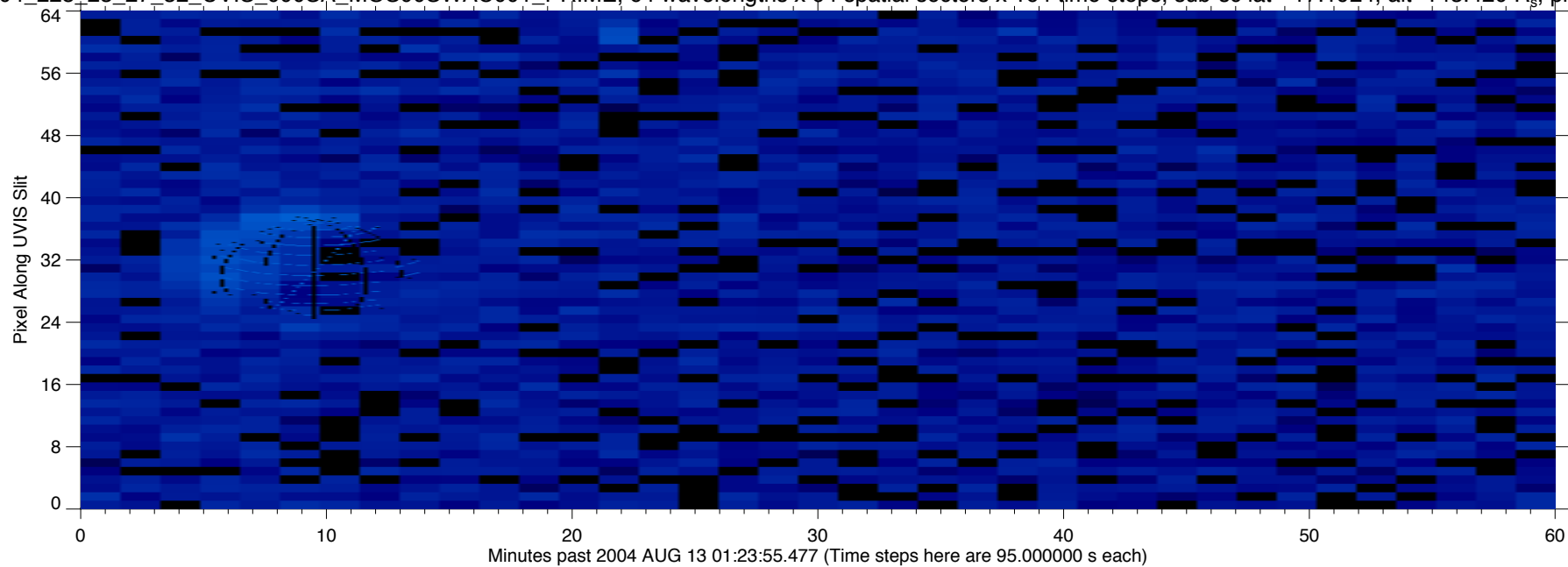
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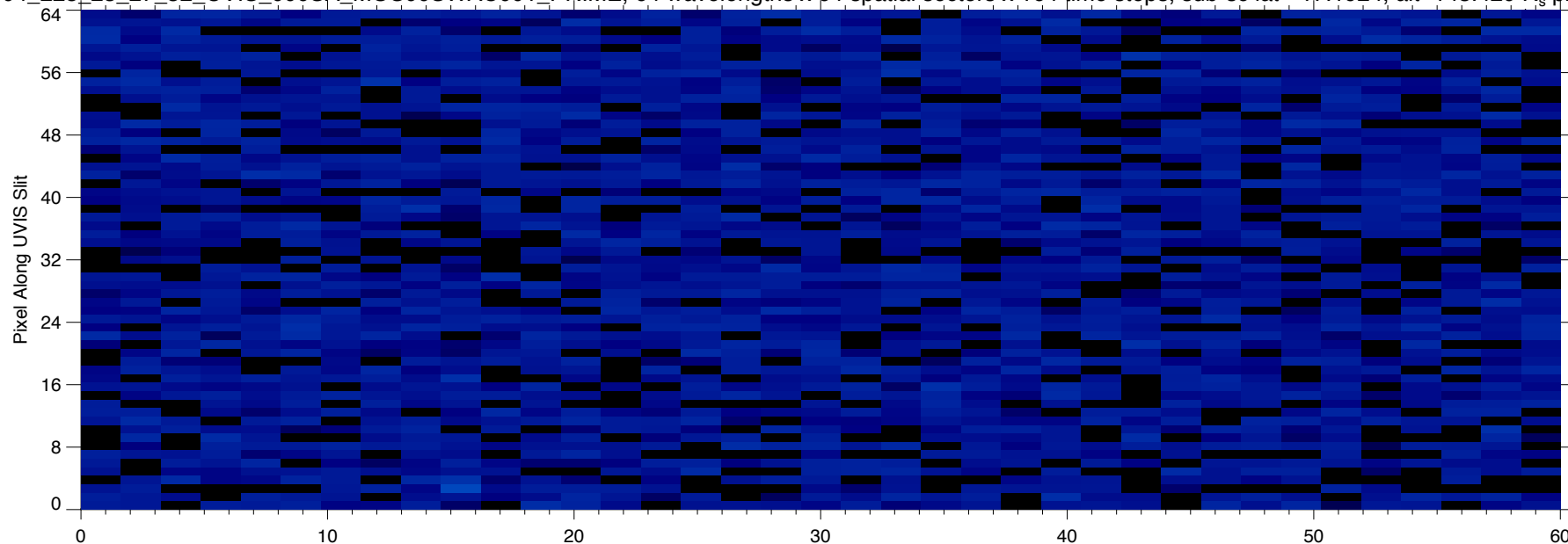
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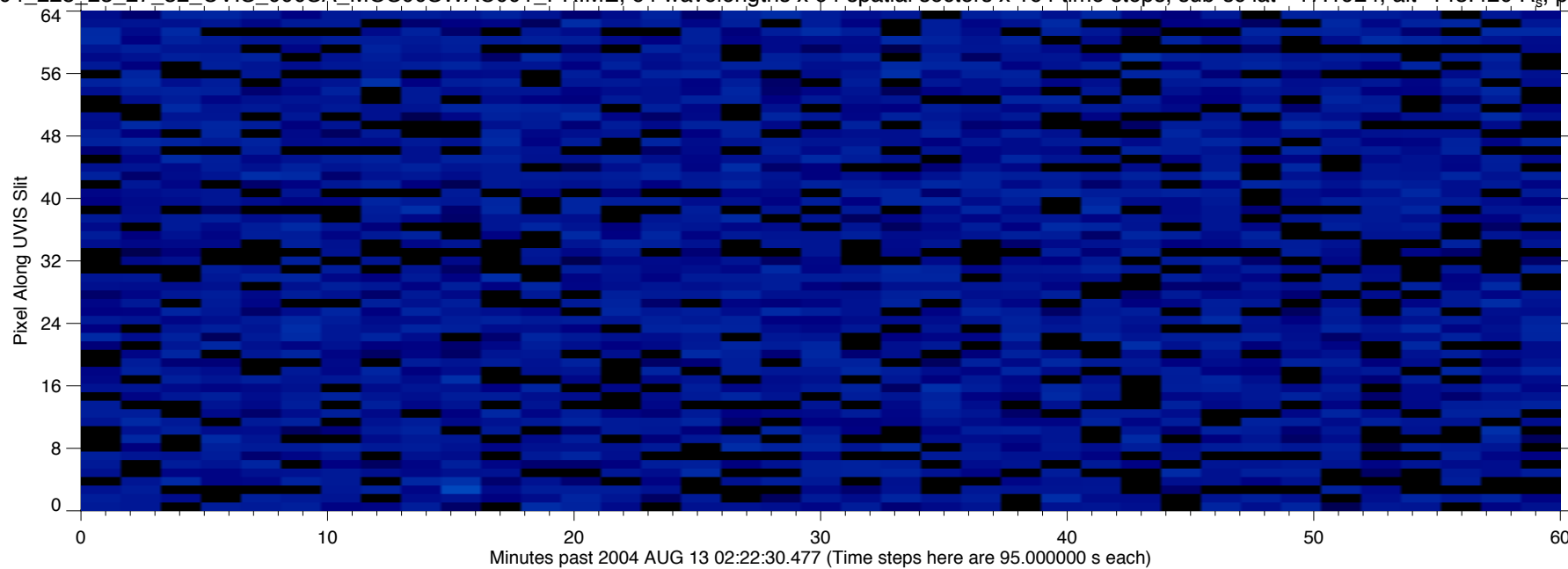
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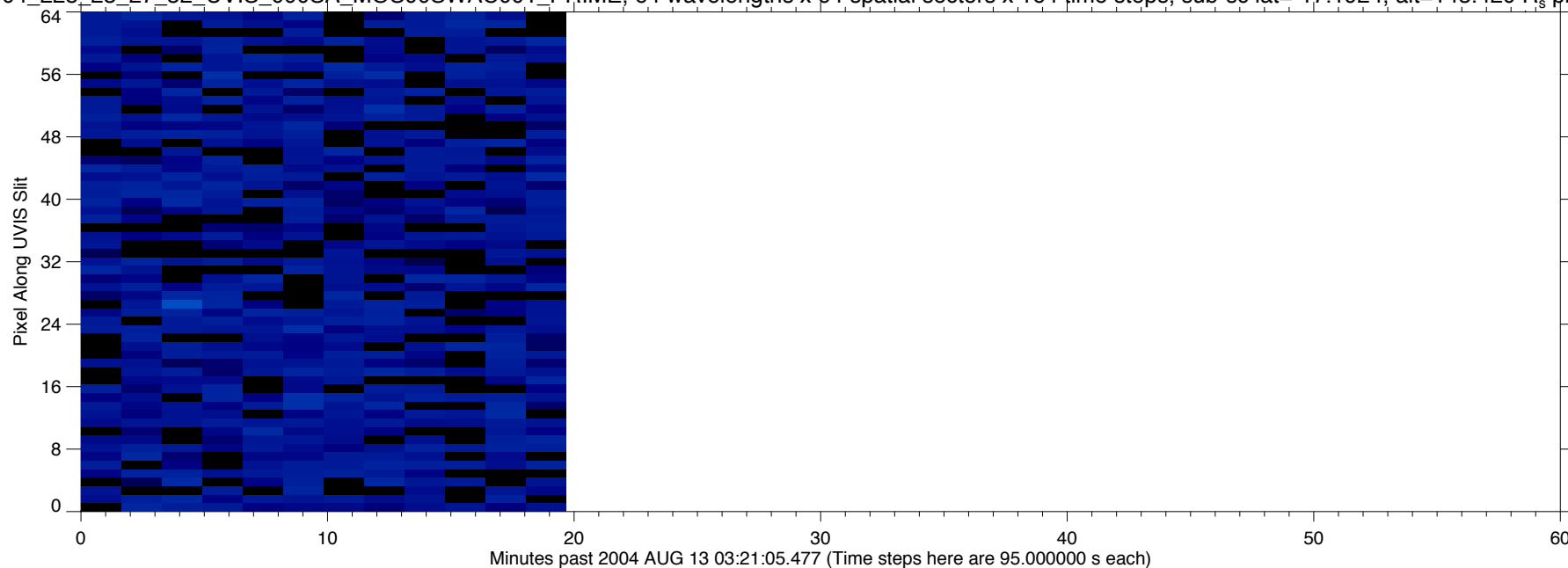
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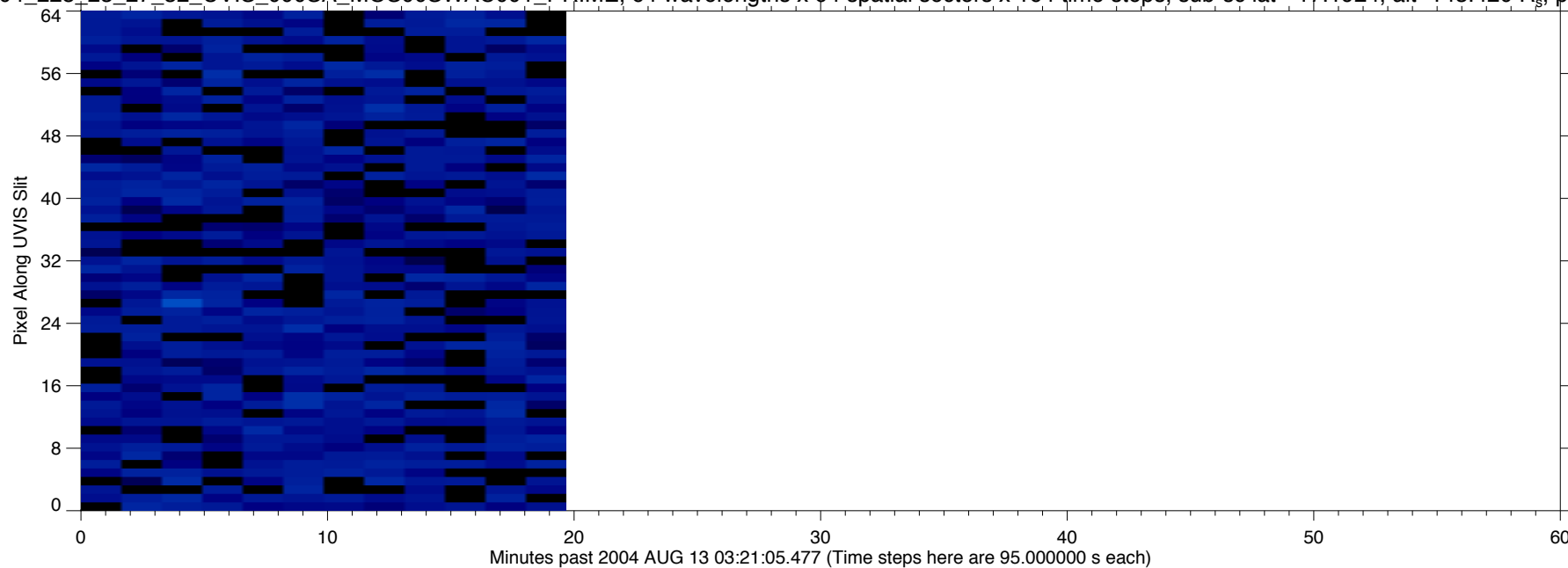
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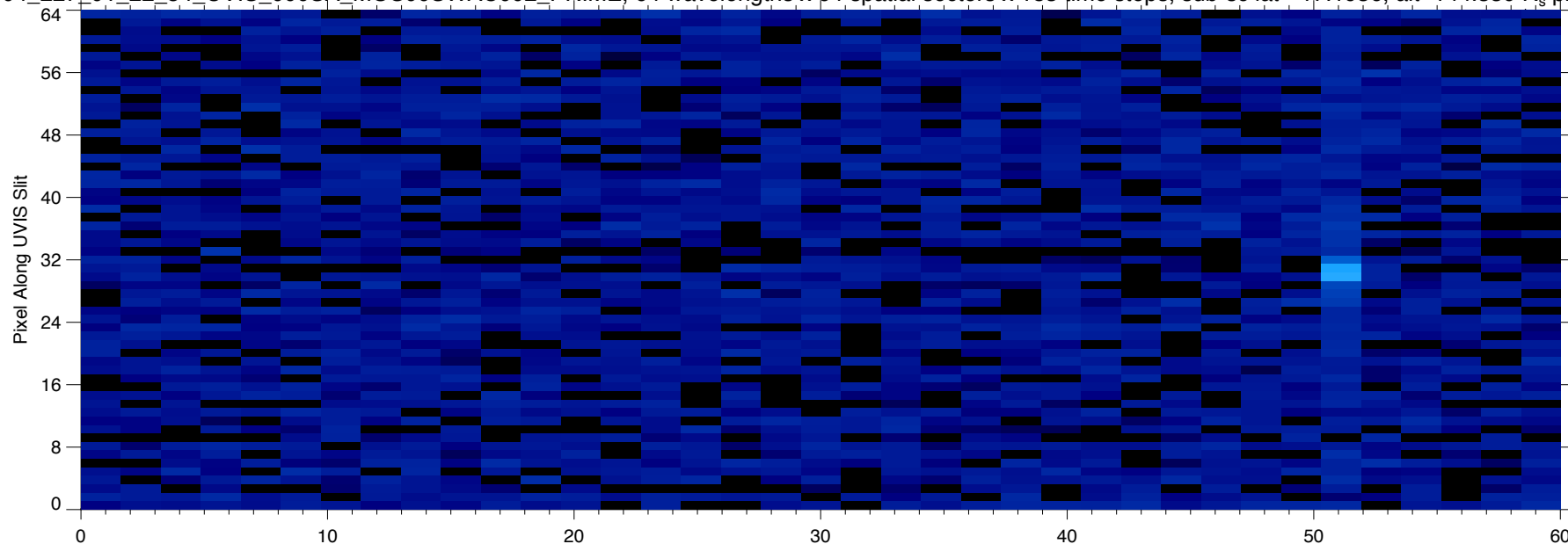
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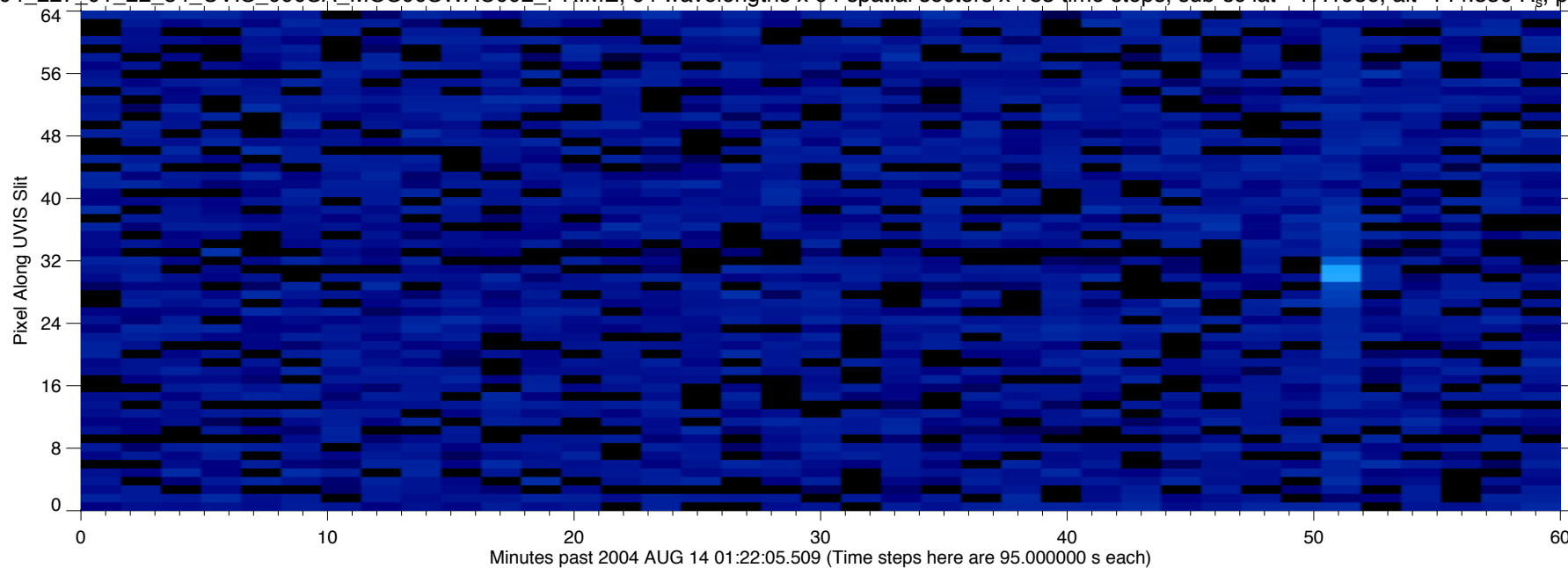
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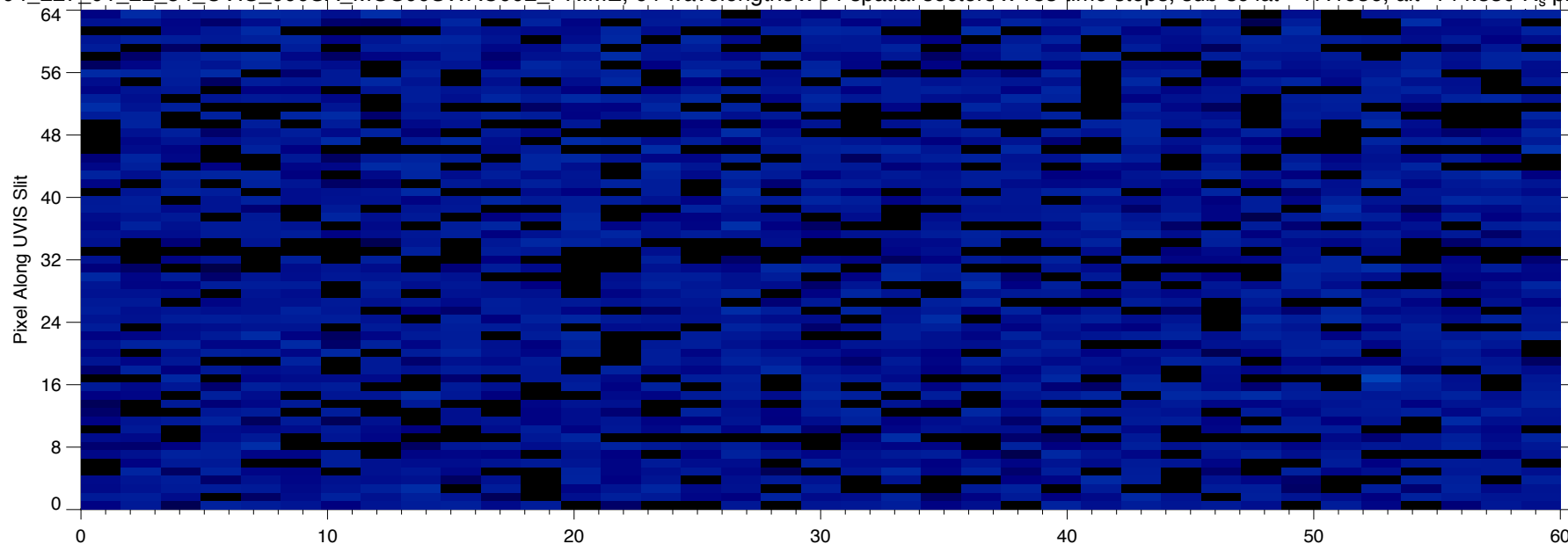
FUV2004_227_01_22_54_UVIS_000SA_MOS00SWAC002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1936, alt=144.330 R_s, phase=88.8002



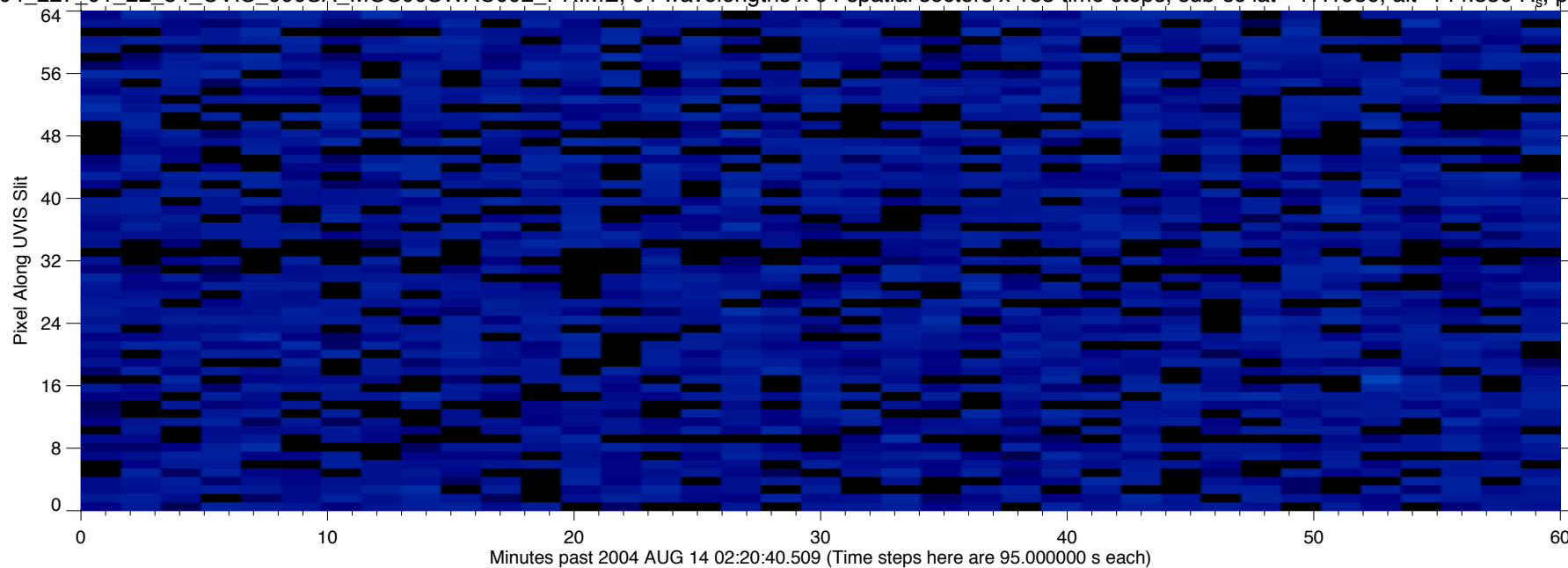
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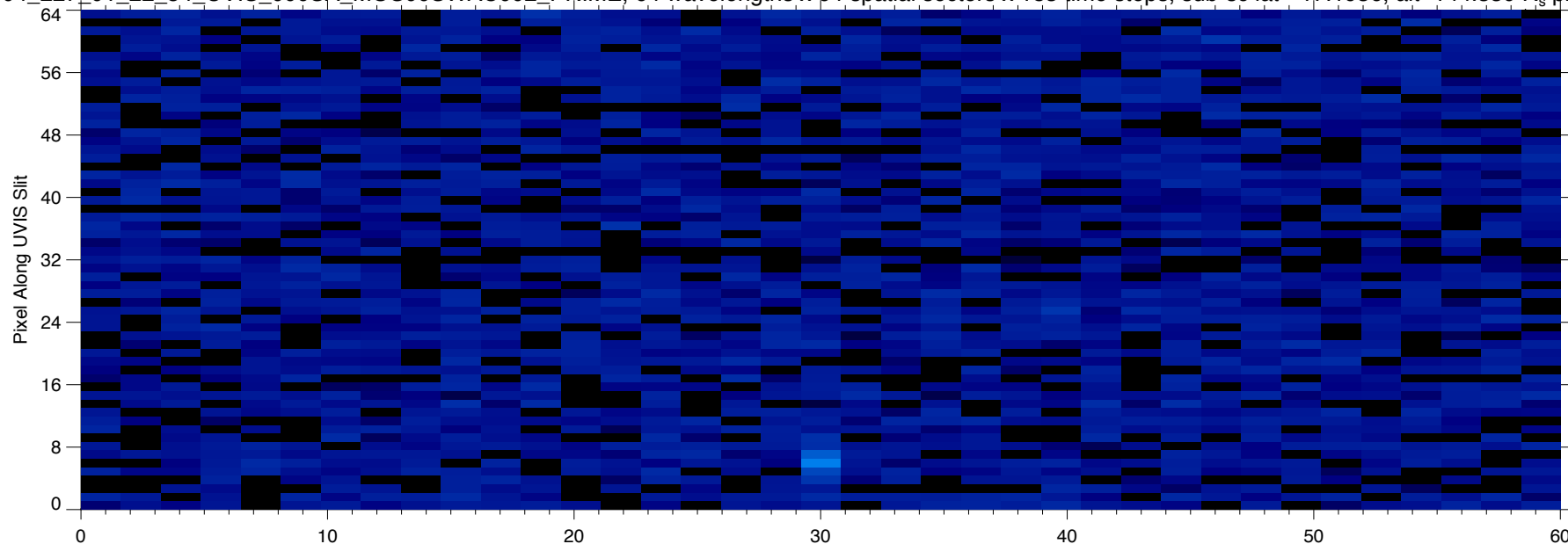
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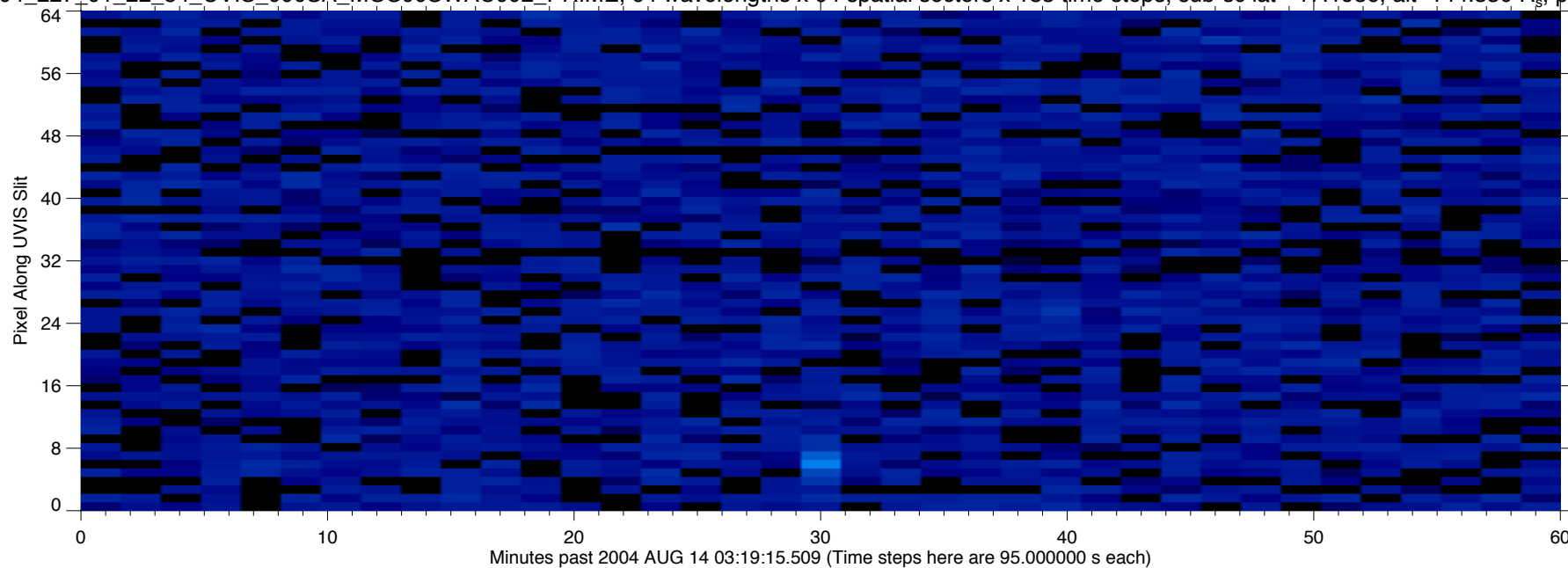
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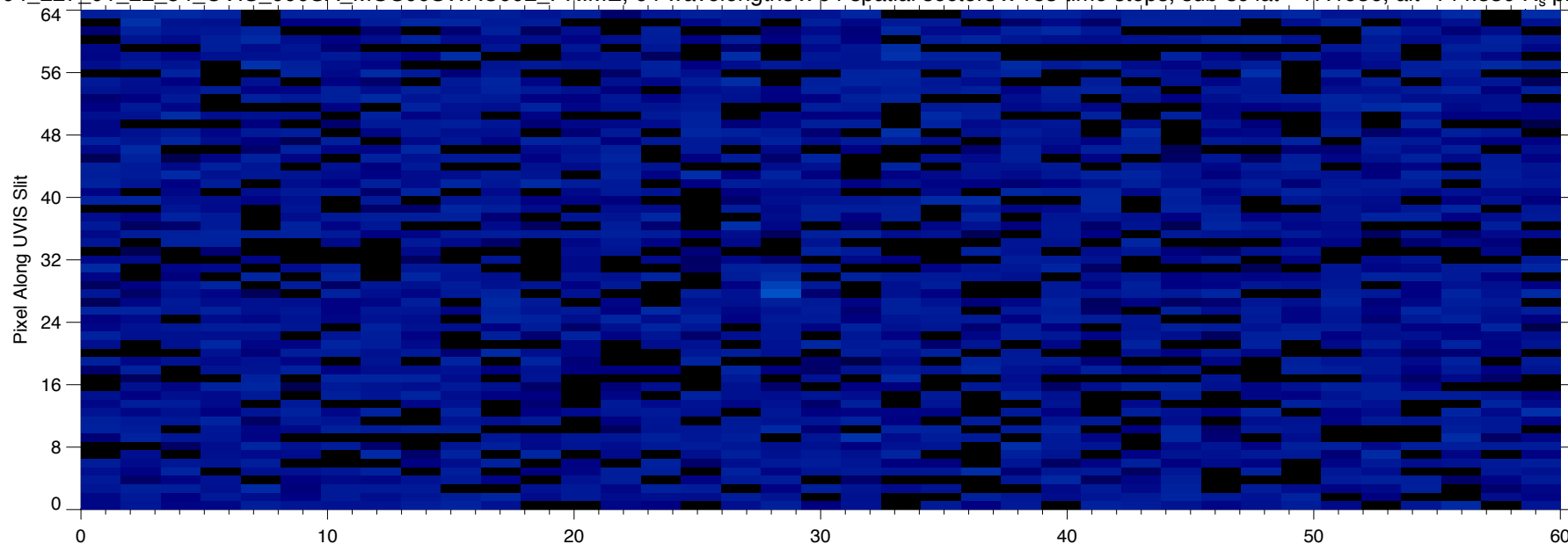
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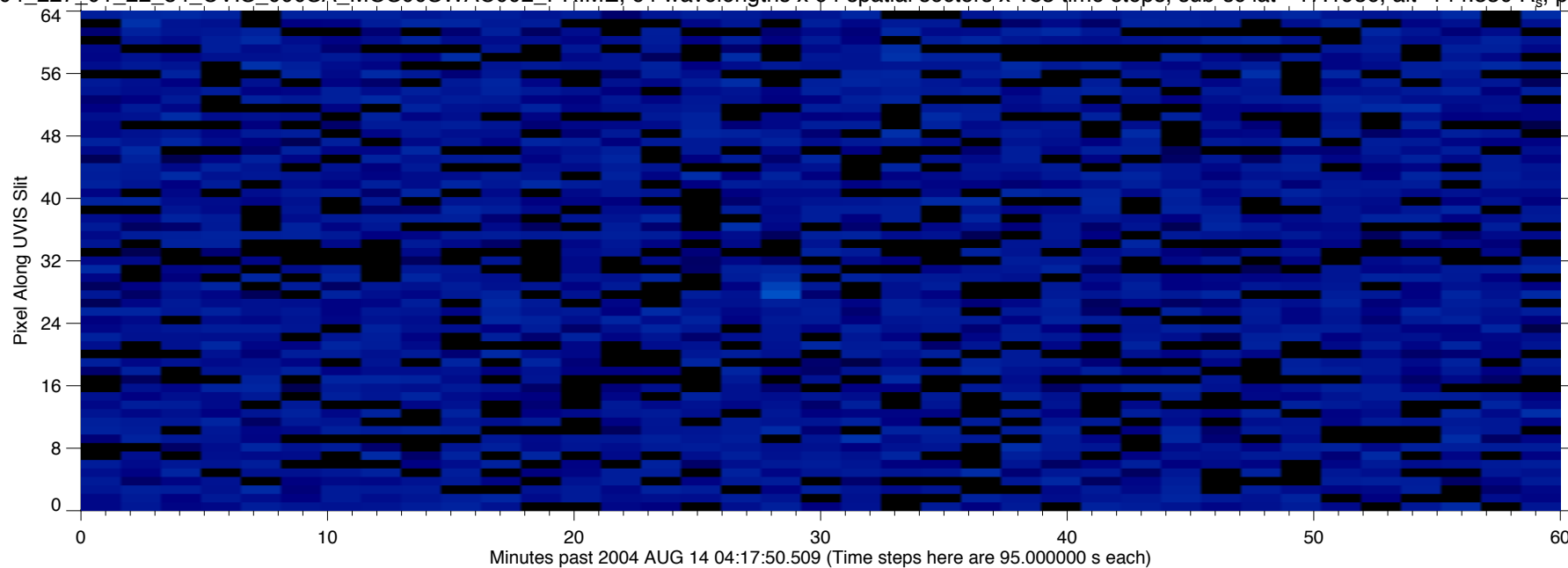
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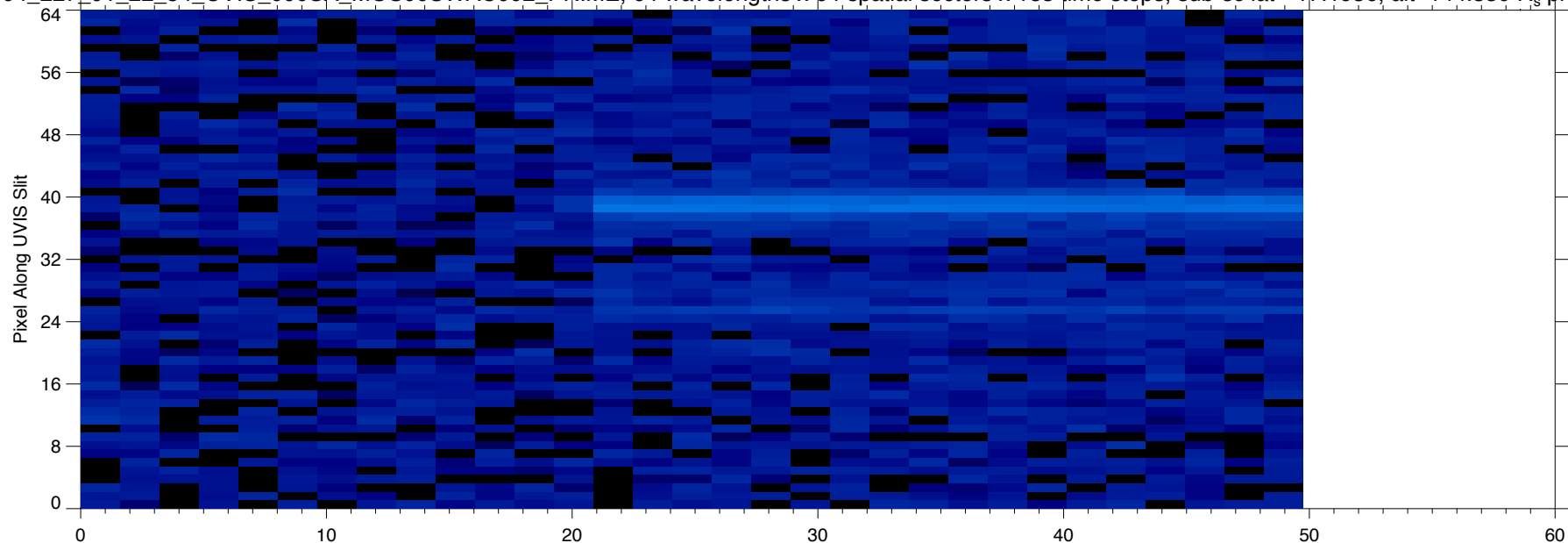
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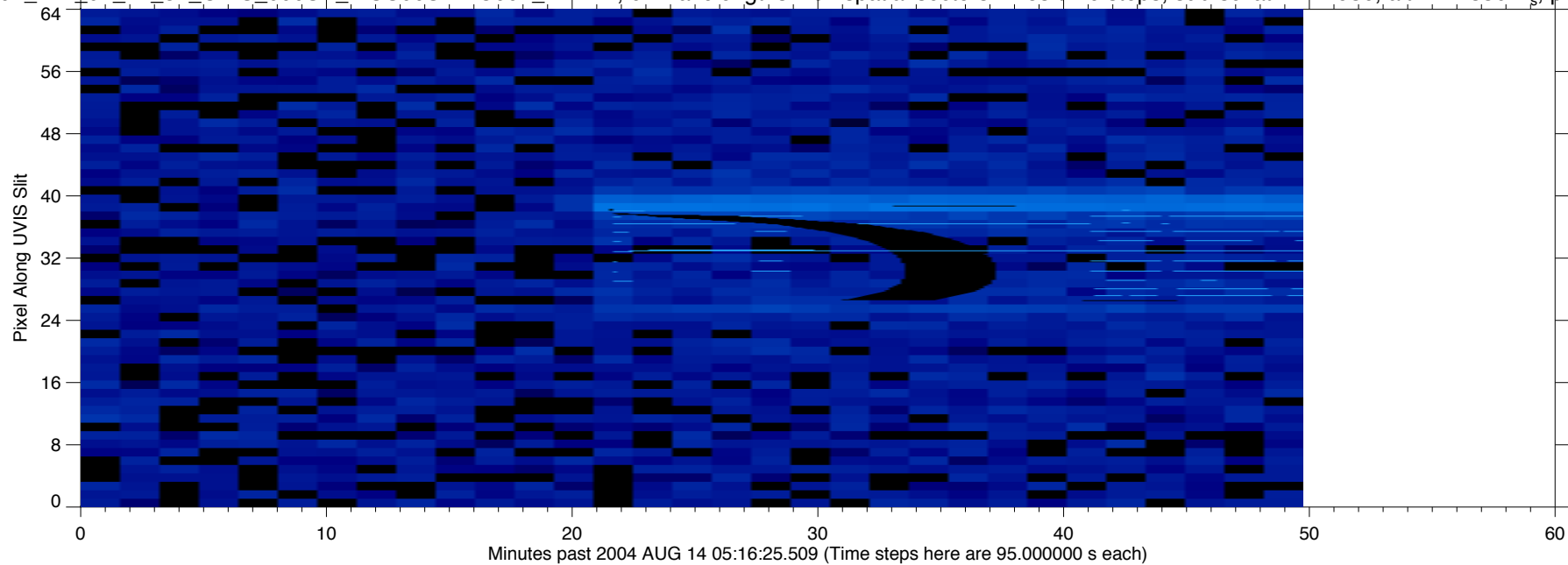
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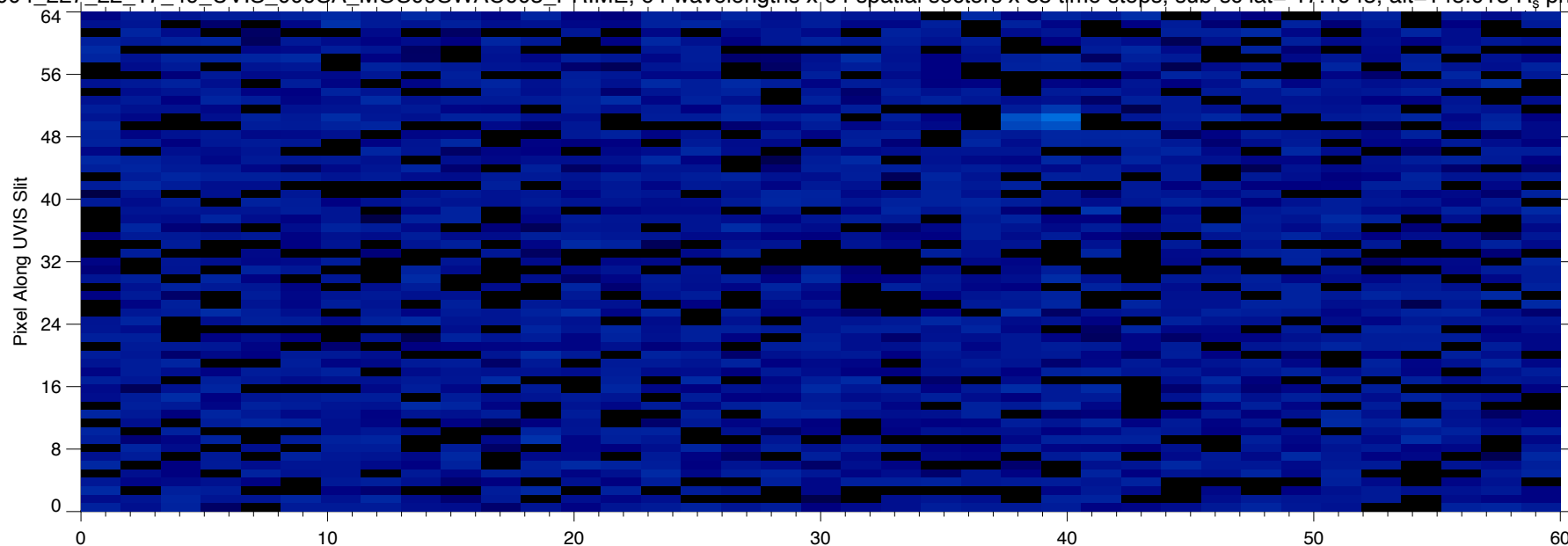
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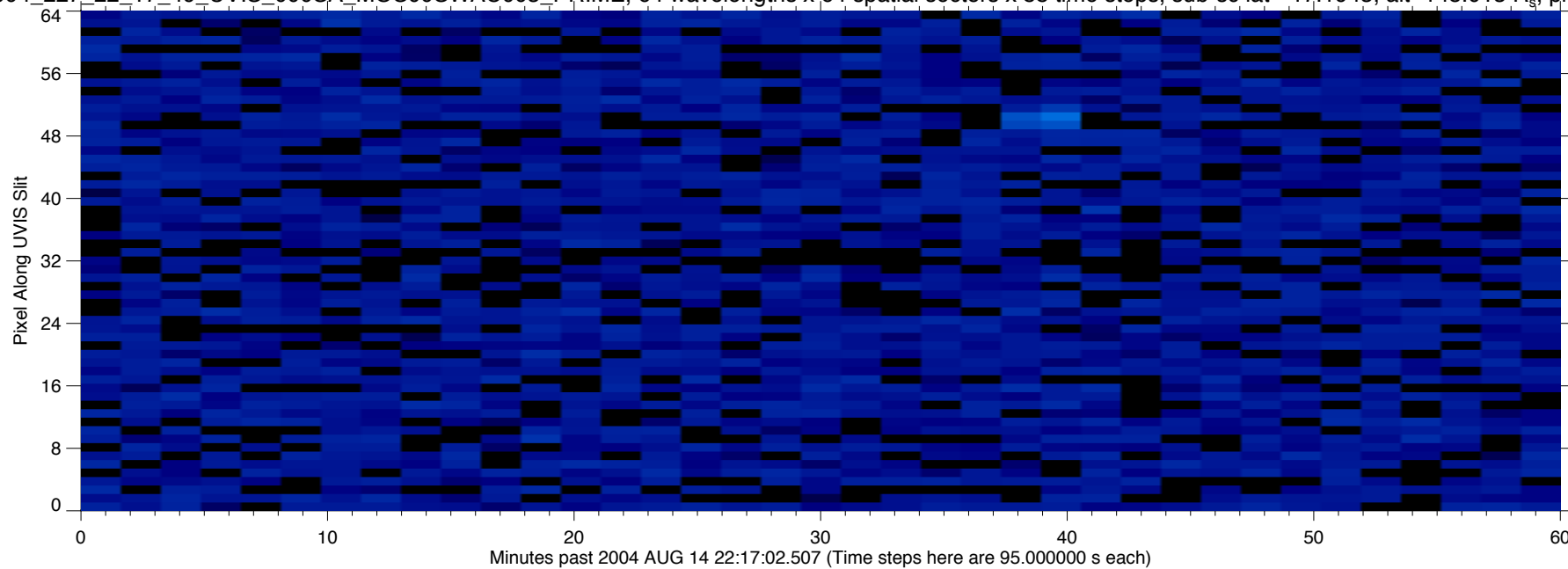
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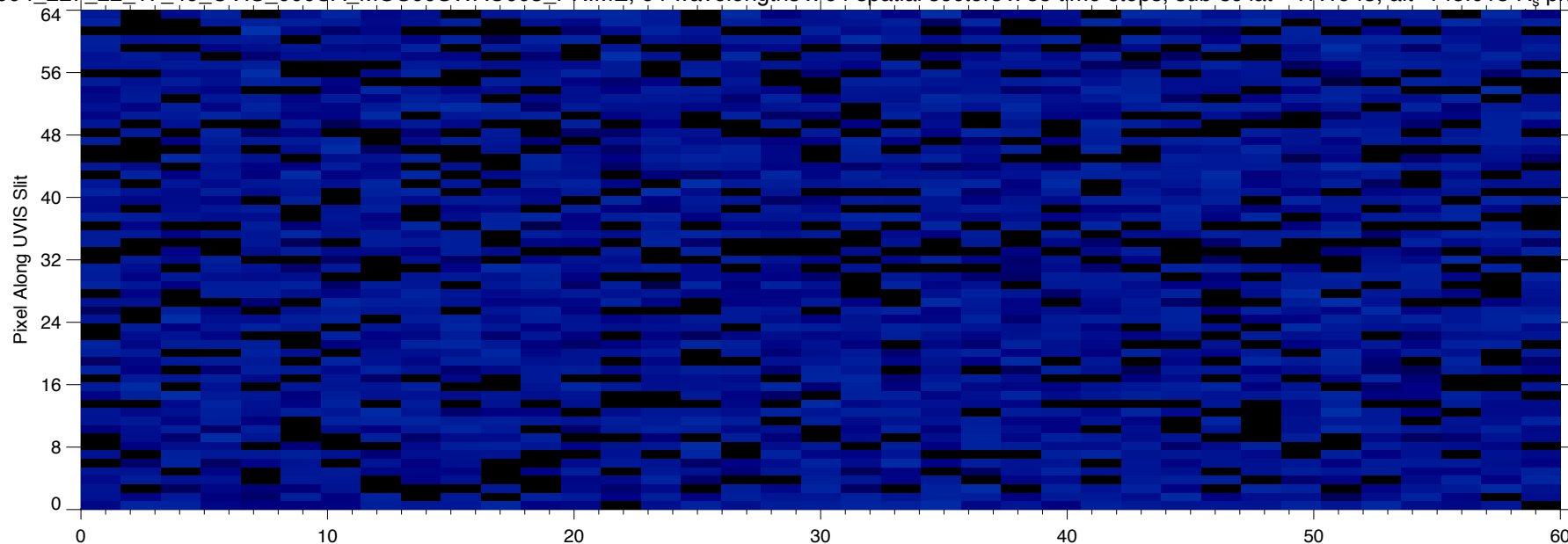
FUV2004_227_22_17_49_UVIS_000SA_MOS00SWAC003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1943, alt=145.013 R_s phase=88.7079



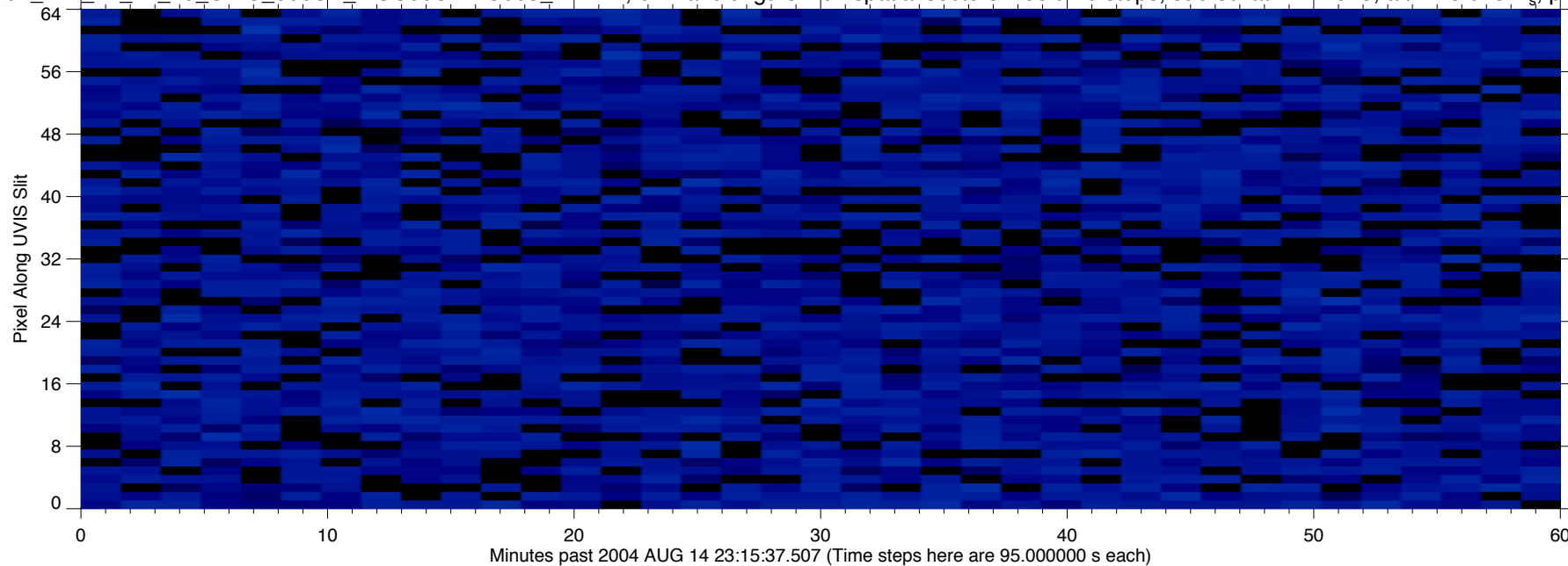
FUV2004_227_22_17_49_UVIS_000SA_MOS00SWAC003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1943, alt=145.013 R_s phase=88.7079



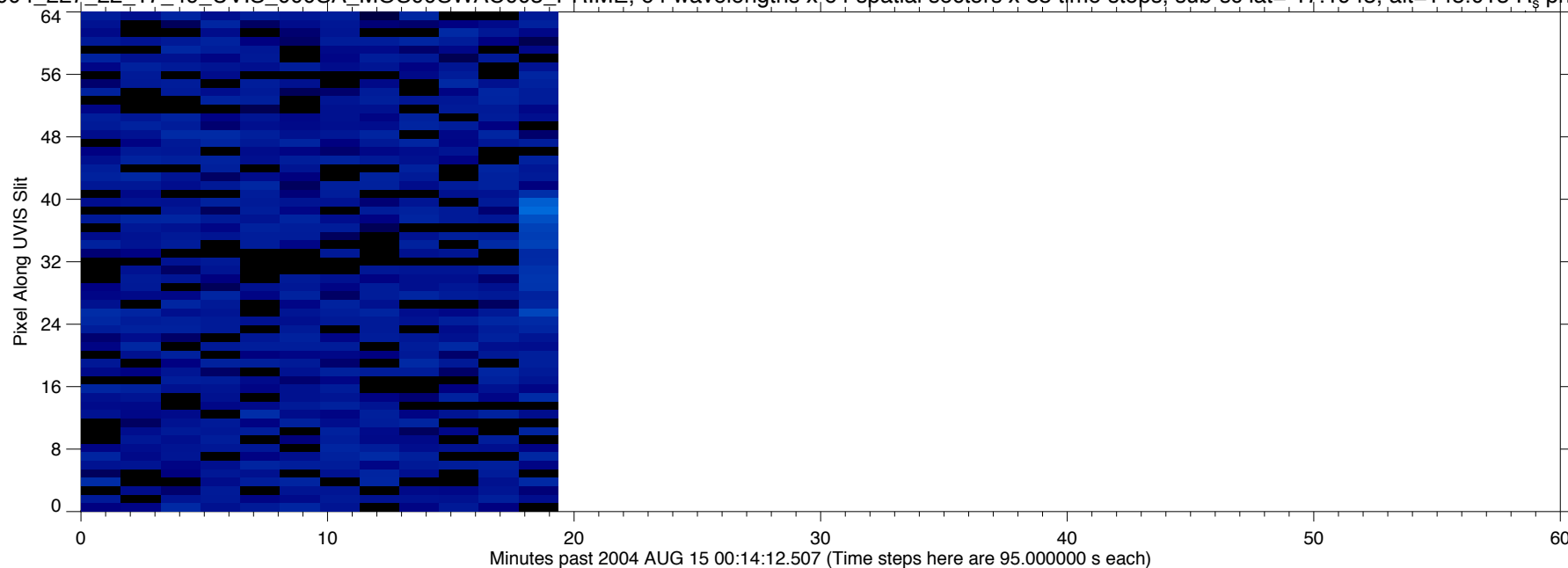
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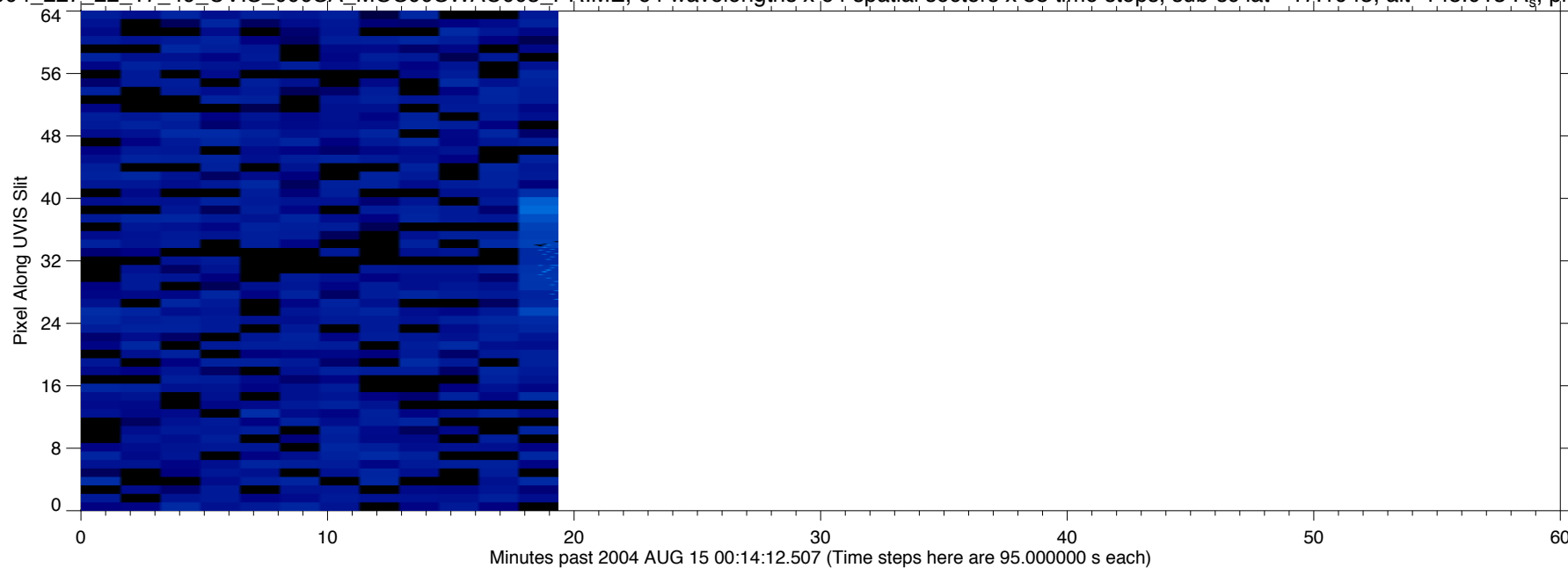
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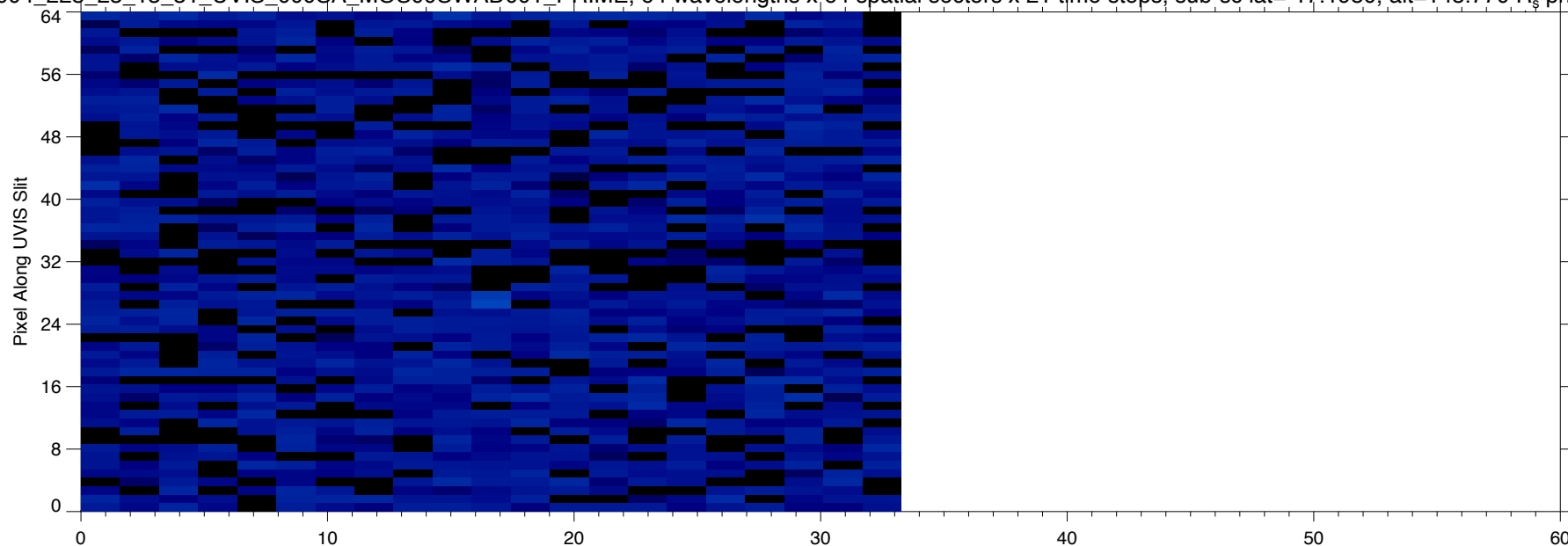
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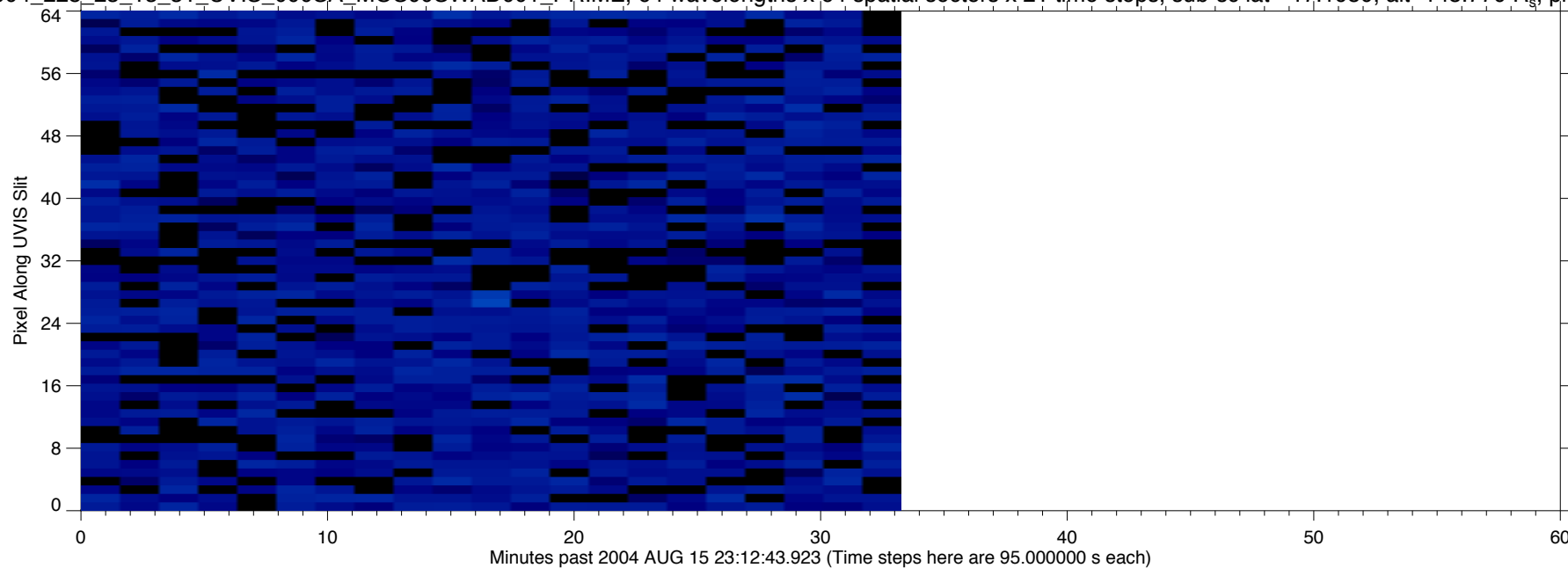
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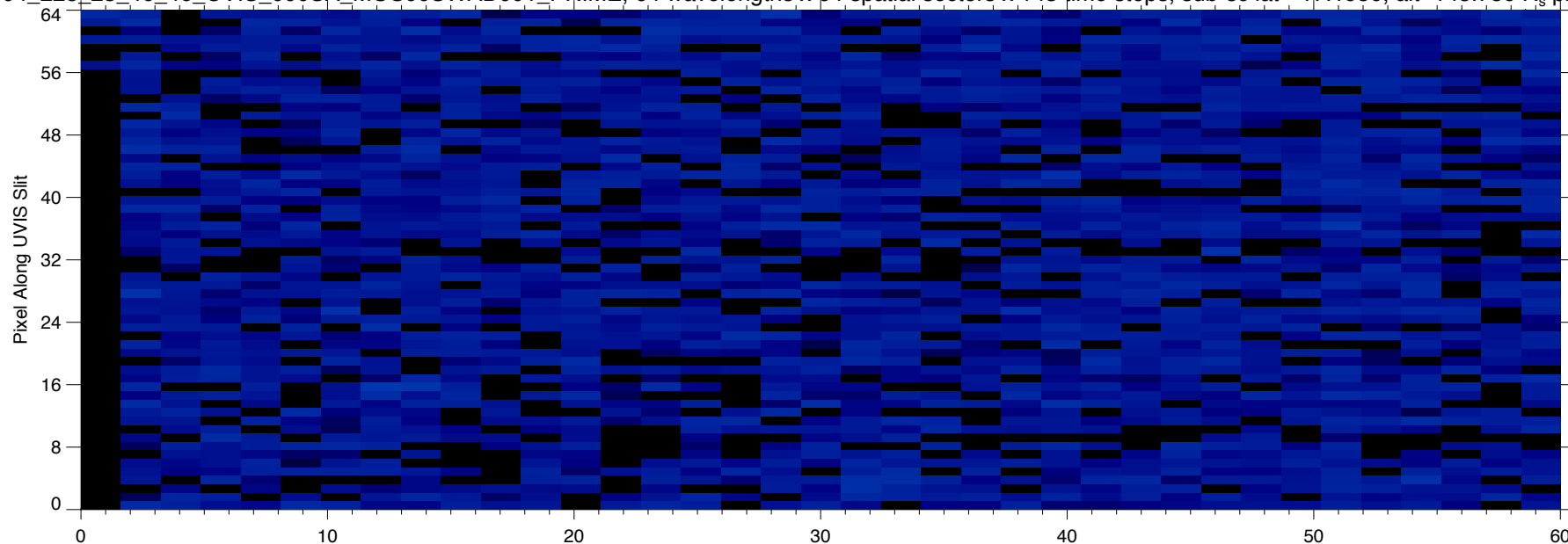
FUV2004_228_23_13_31_UVIS_000SA_MOS00SWAD001_PRIME, 64 wavelengths x 64 spatial sectors x 21 time steps, sub-sc lat=-17.1950, alt=145.770 R_s phase=88.5990



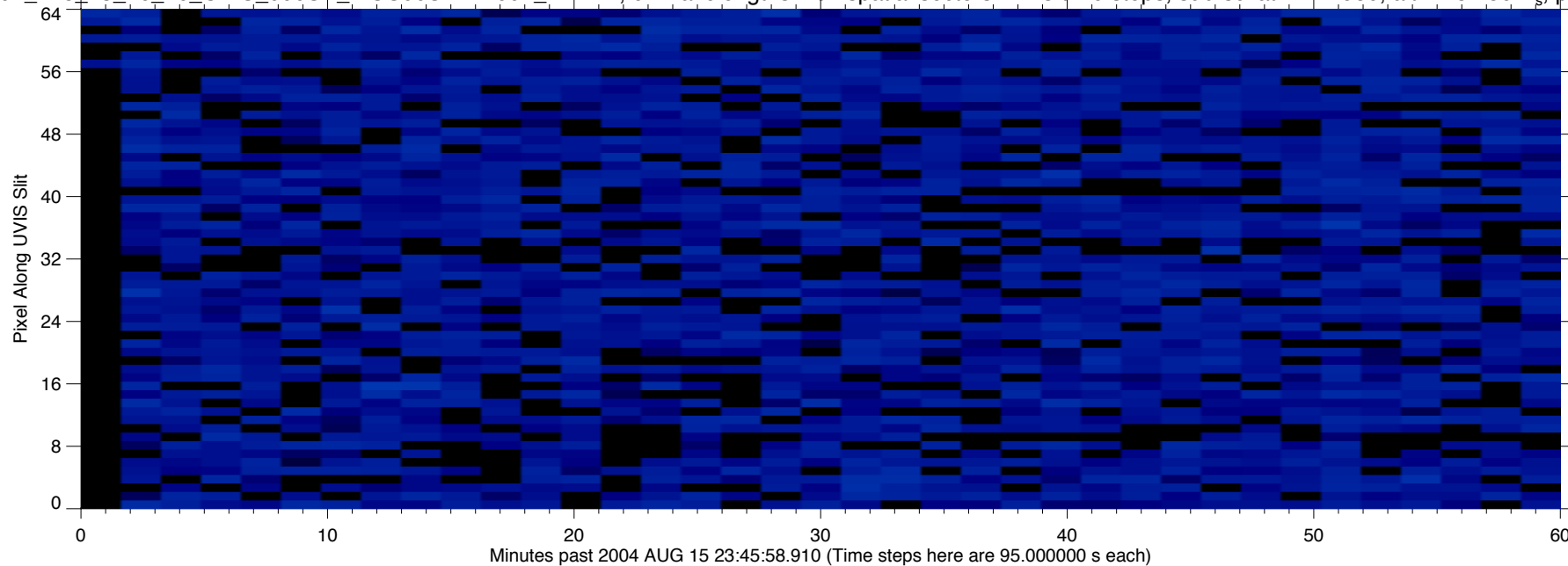
FUV2004_228_23_13_31_UVIS_000SA_MOS00SWAD001_PRIME, 64 wavelengths x 64 spatial sectors x 21 time steps, sub-sc lat=-17.1950, alt=145.770 R_s phase=88.5990



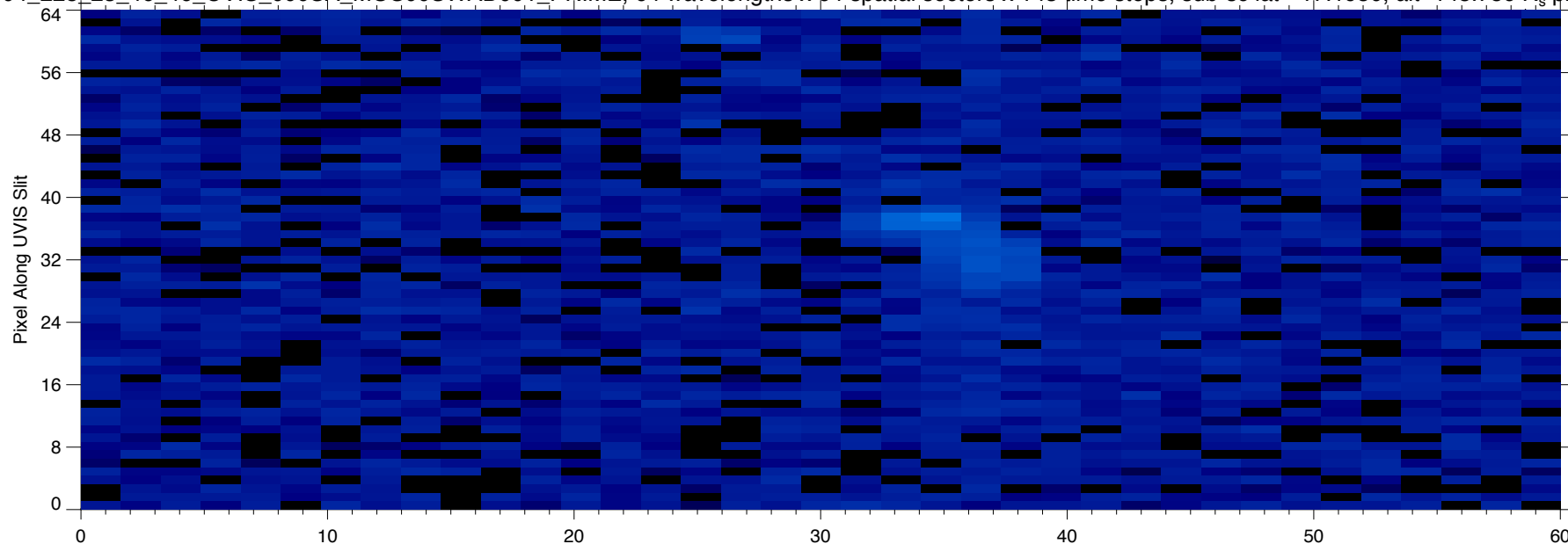
FUV2004_228_23_46_46_UVIS_000SA_MOS00SWAD001_PRIME, 64 wavelengths x 64 spatial sectors x 143 time steps, sub-sc lat=-17.1950, alt=145.786 R_s, phase=88.5966



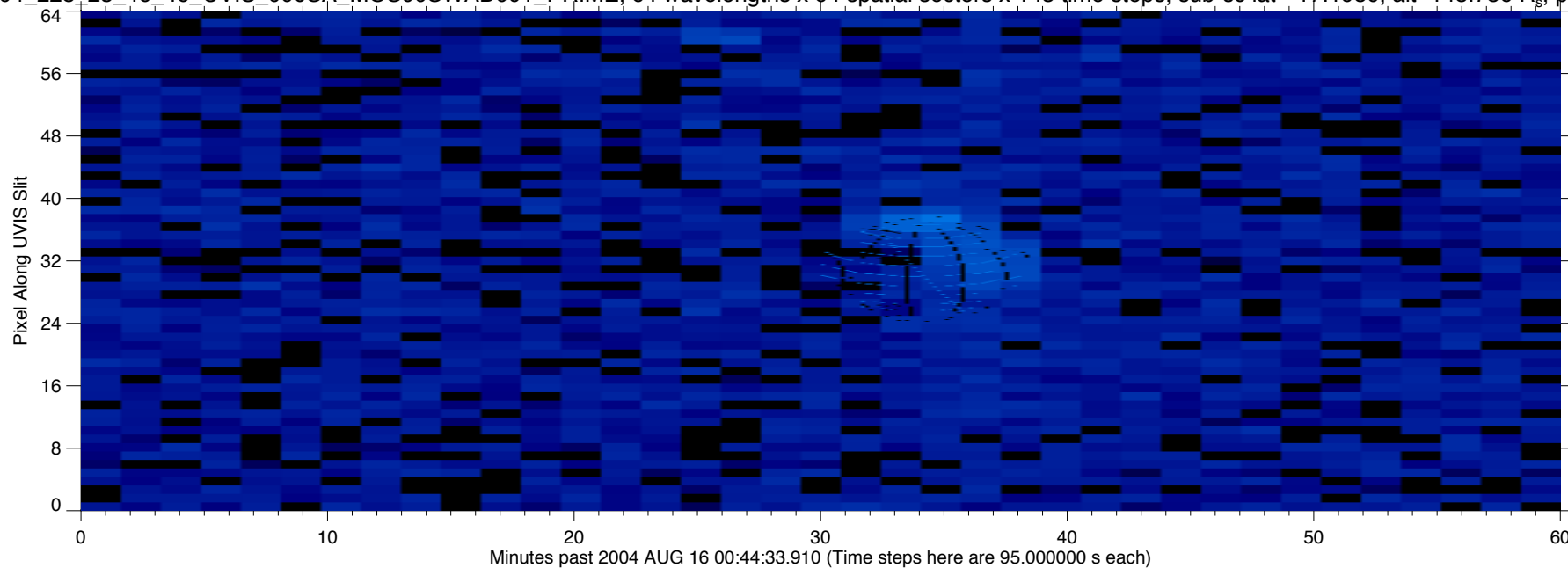
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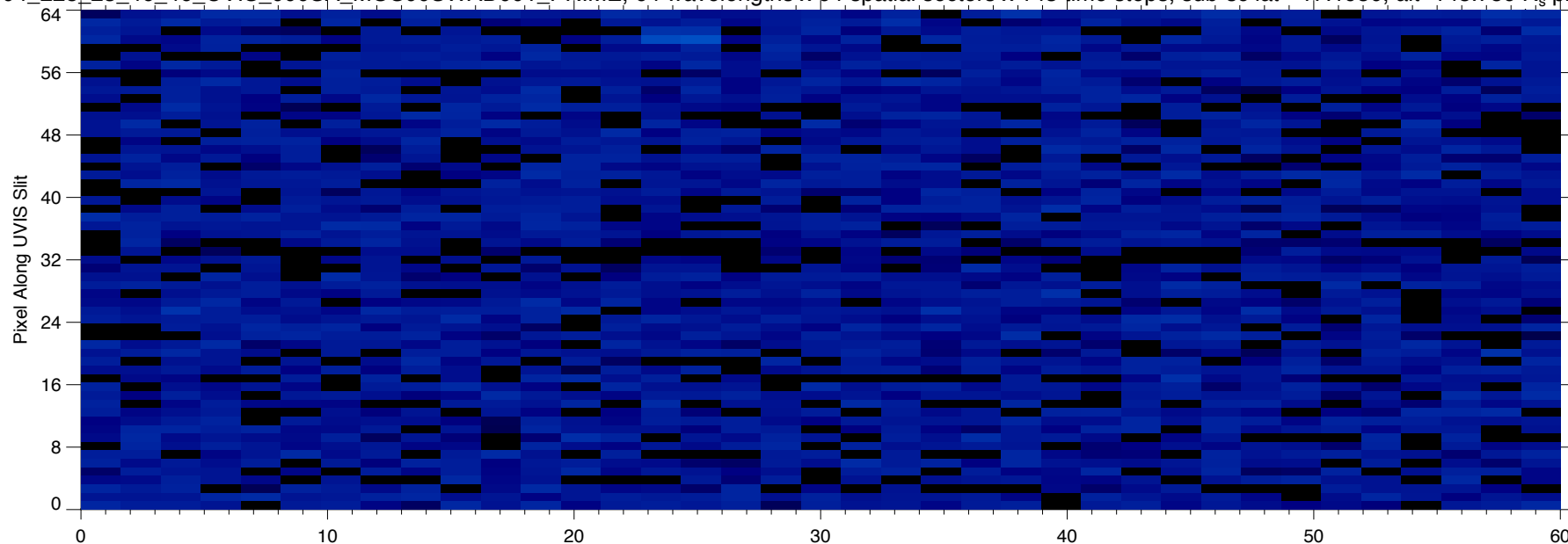
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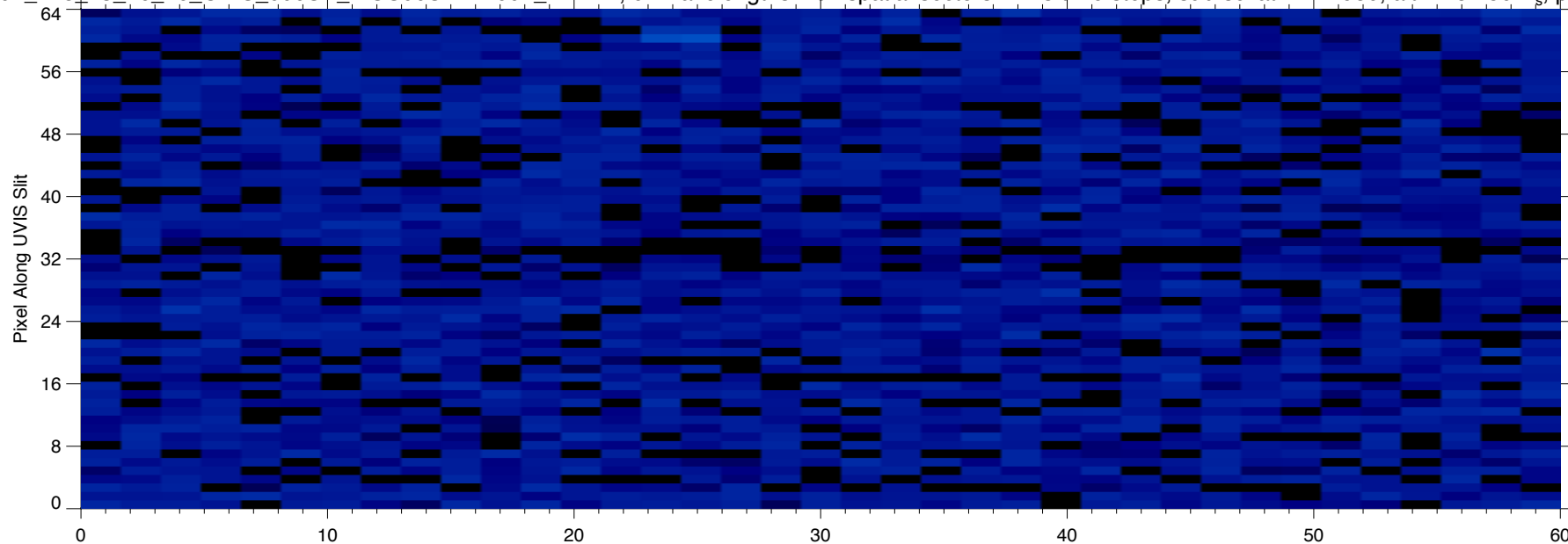
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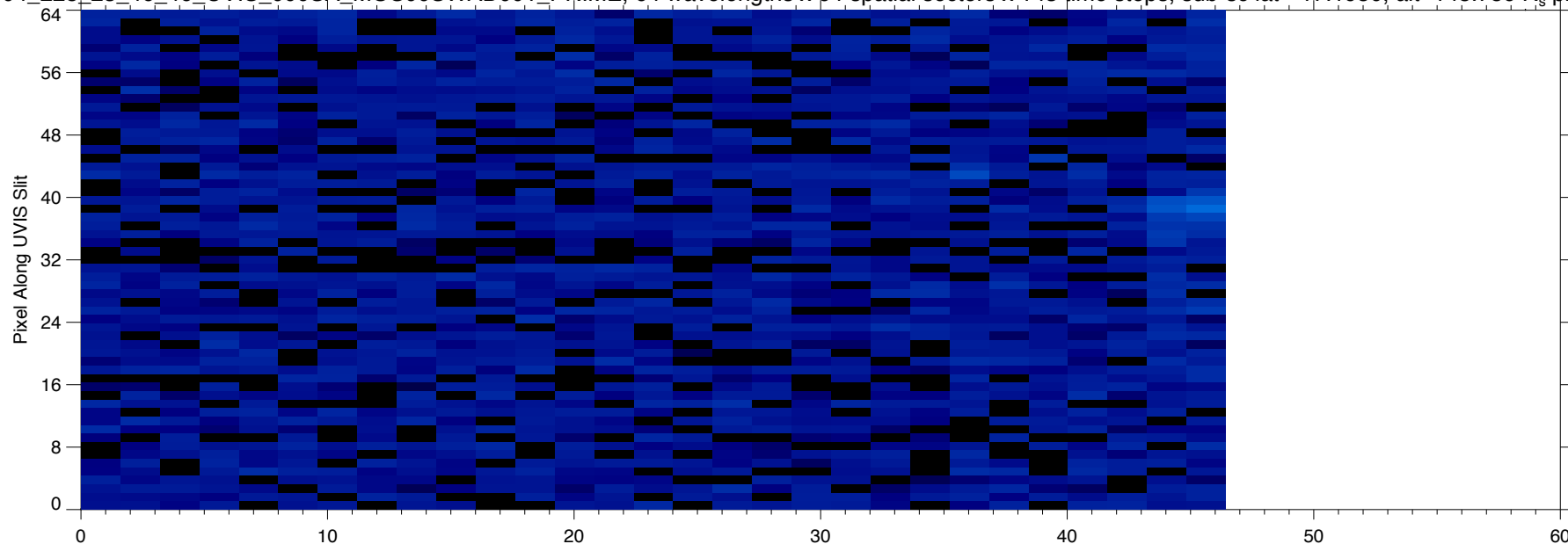
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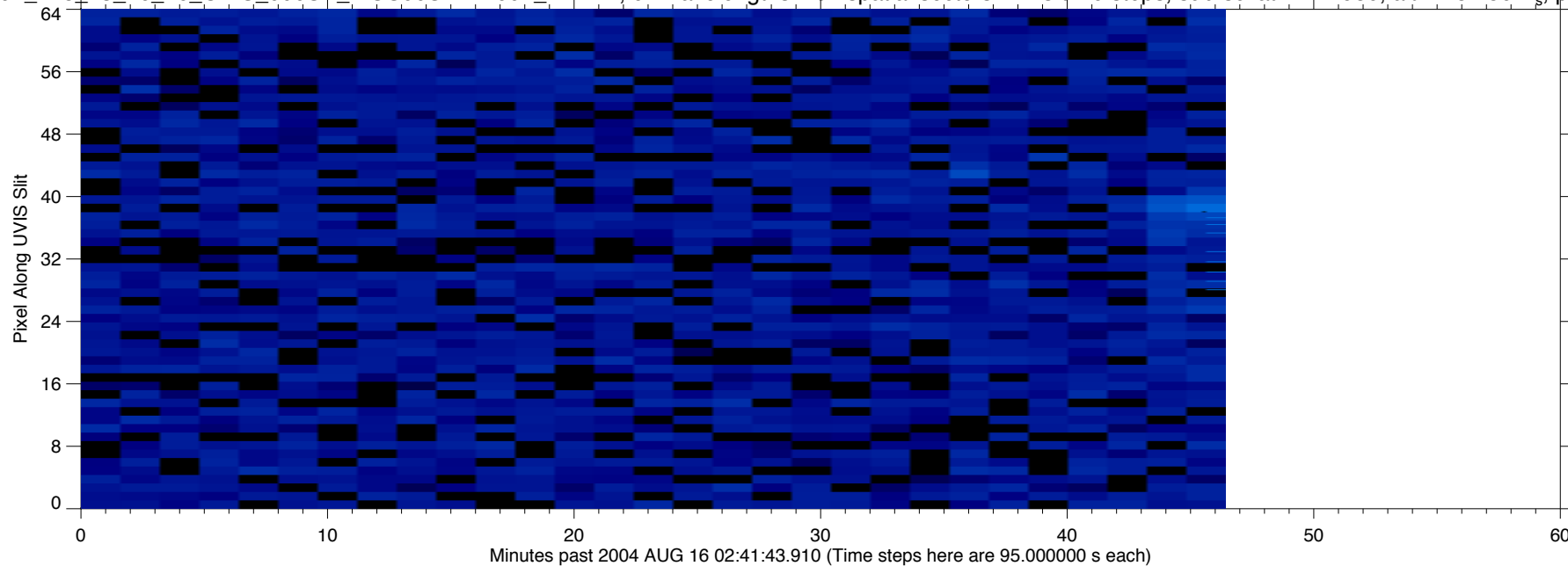
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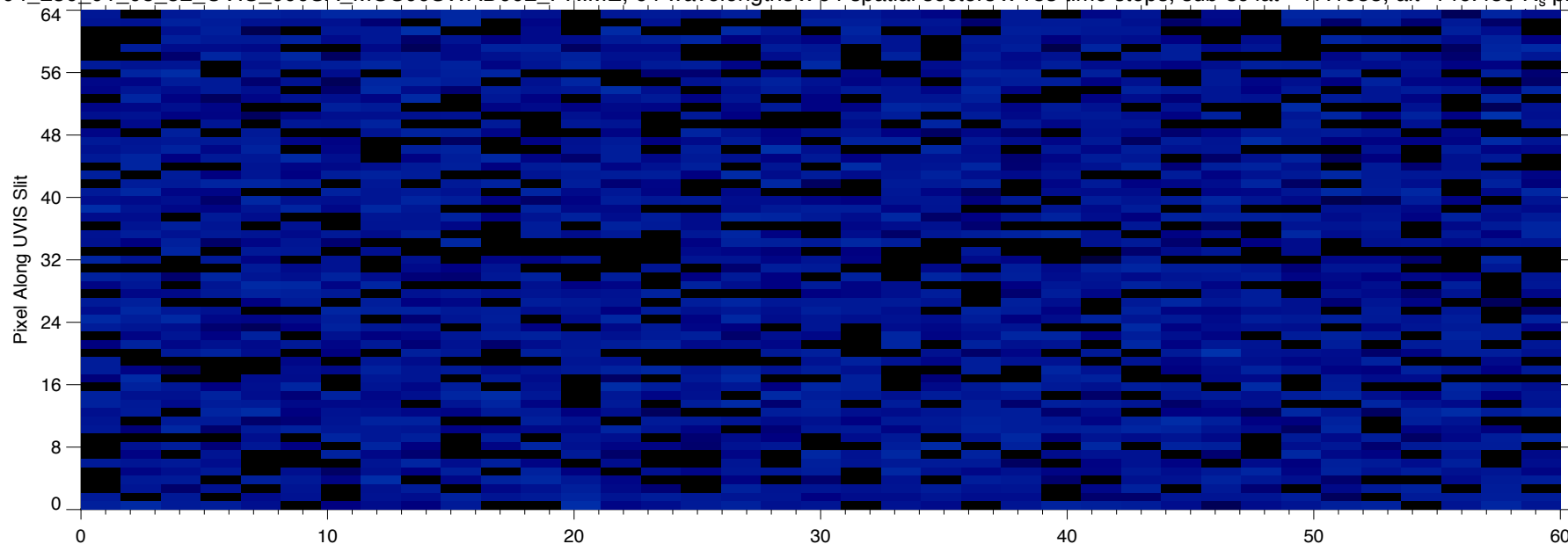
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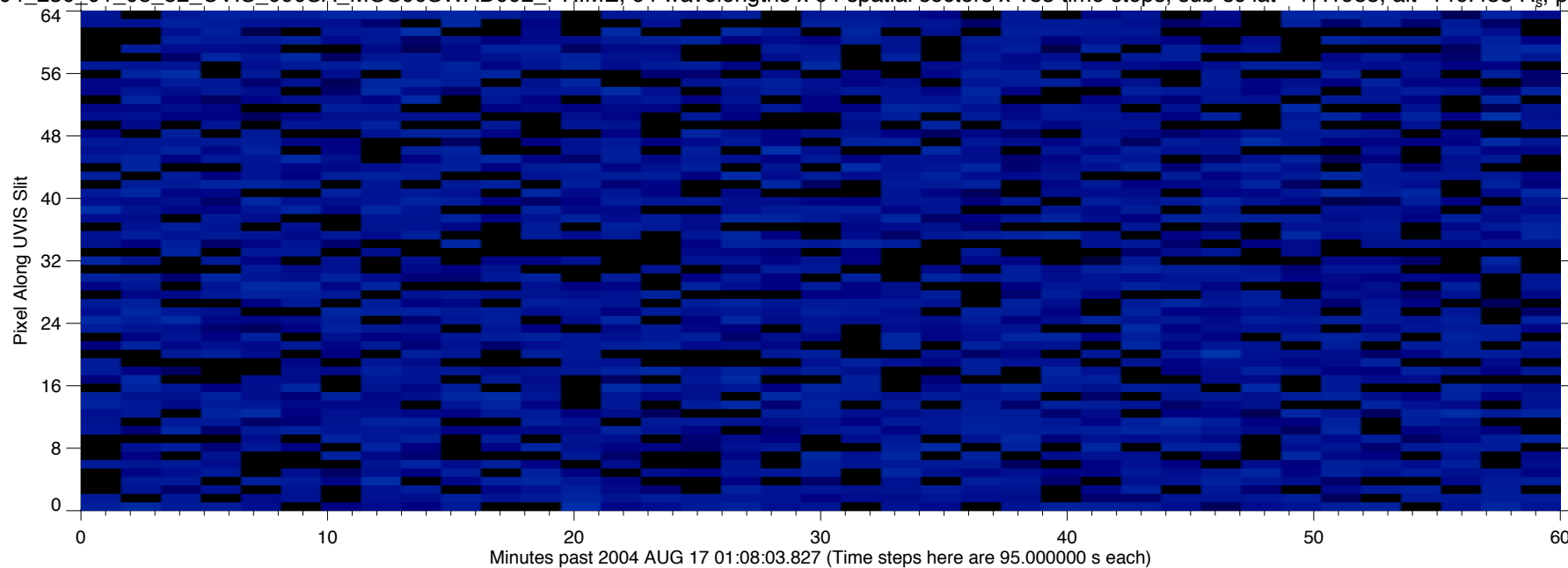
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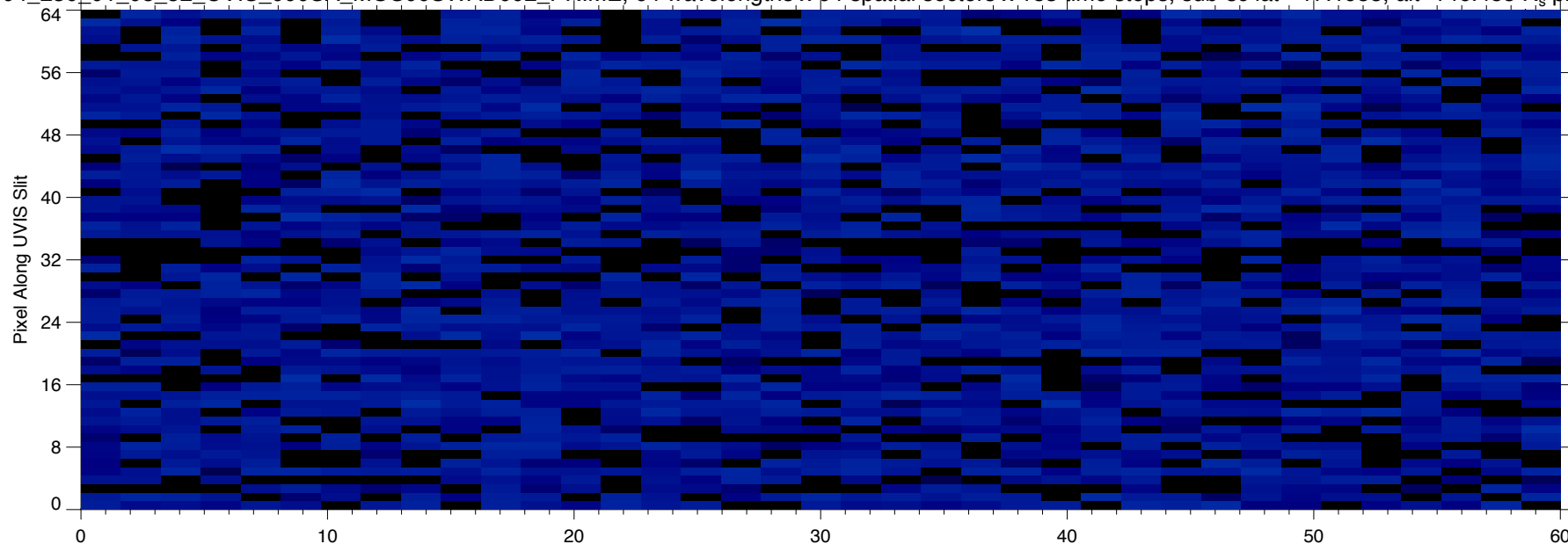
FUV2004_230_01_08_52_UVIS_000SA_MOS00SWAD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1955, alt=146.488 R_s, phase=88.4871



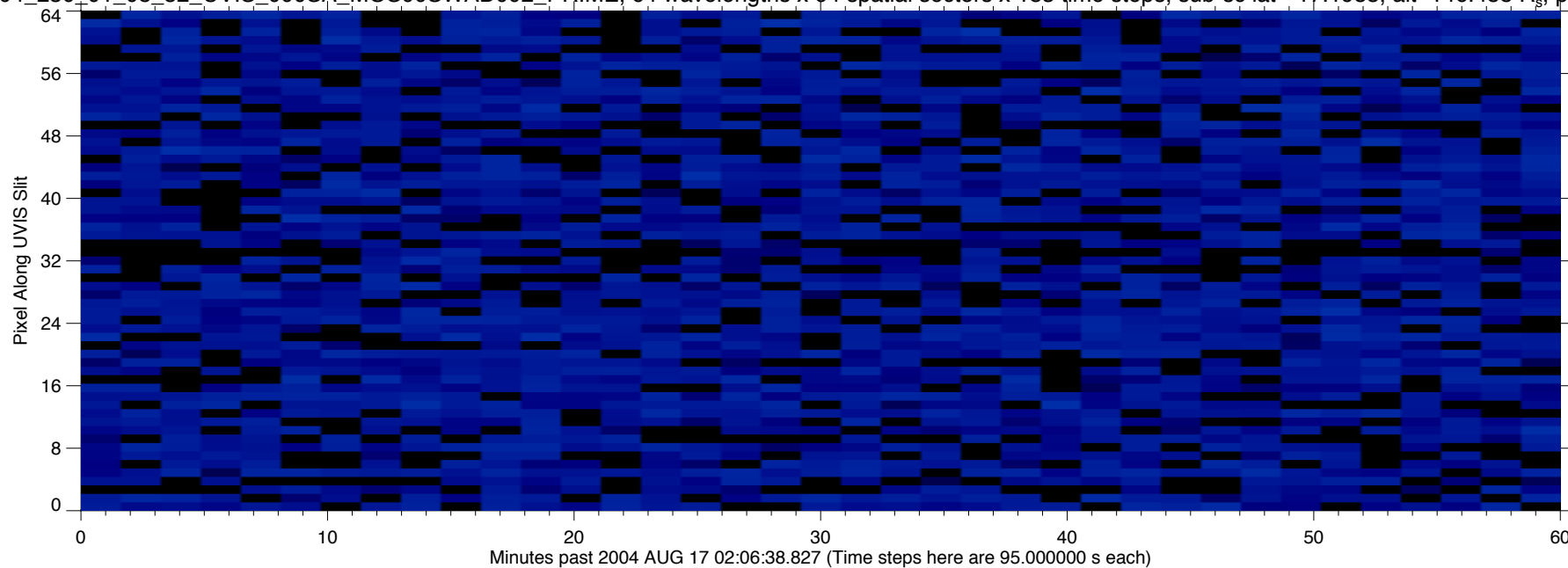
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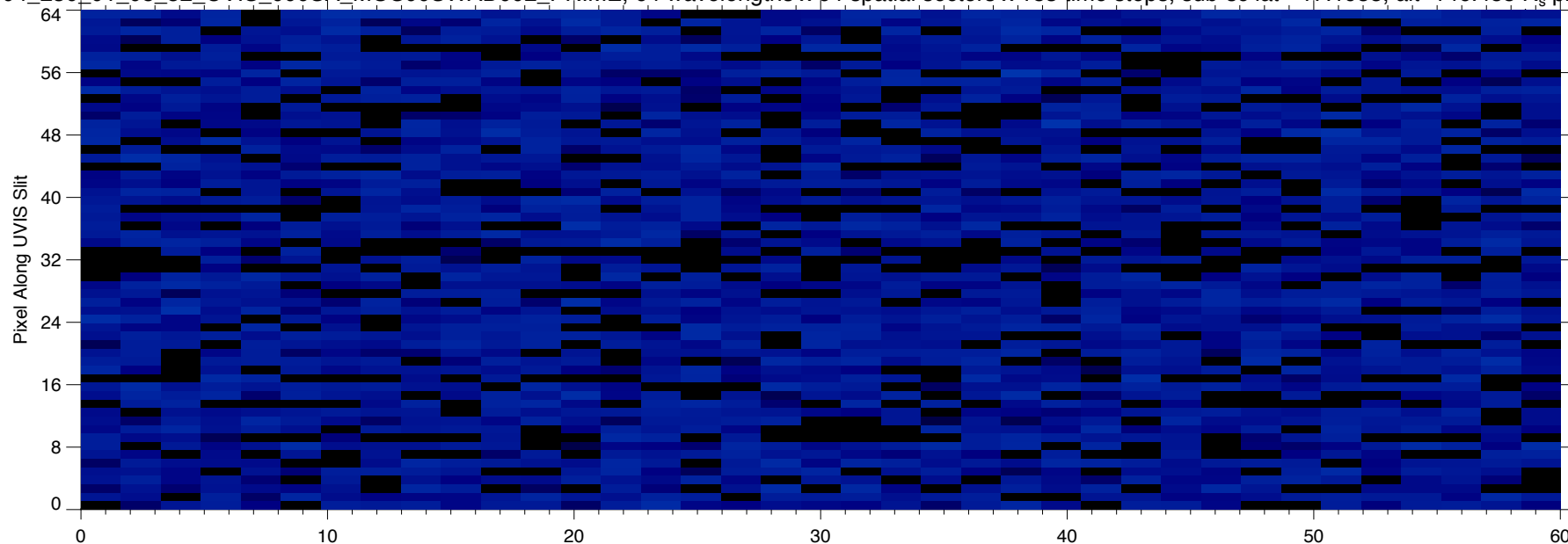
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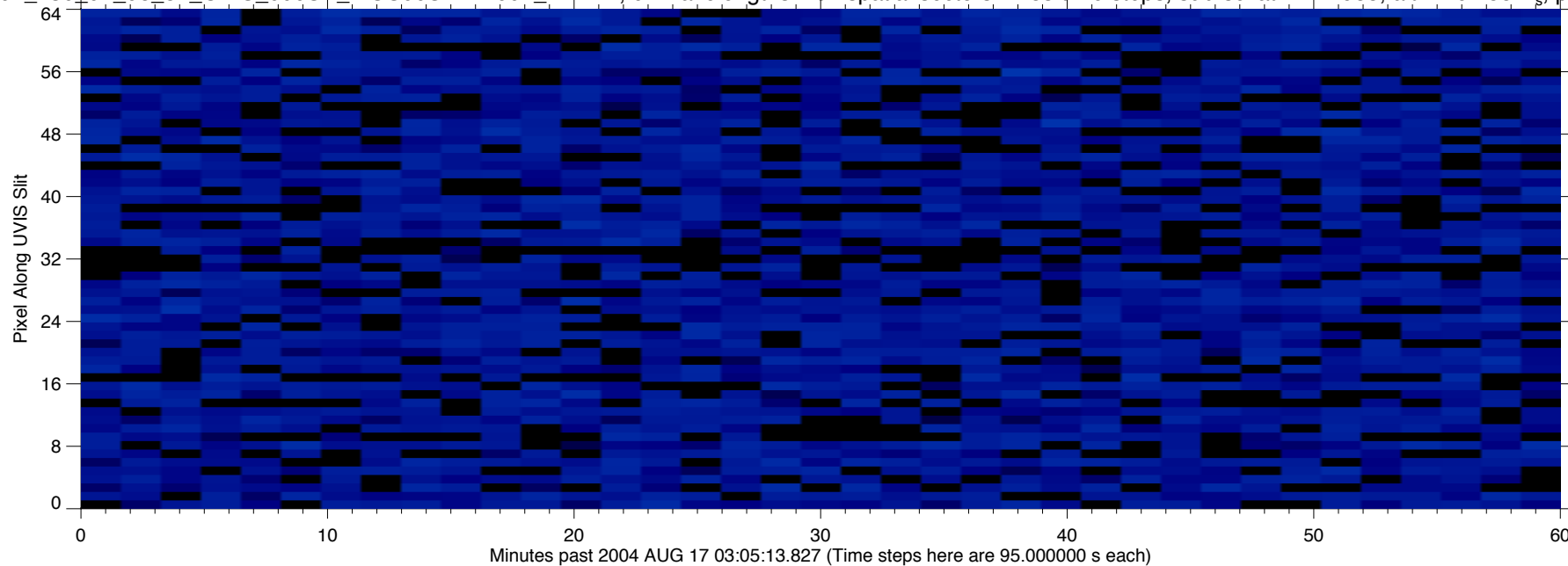
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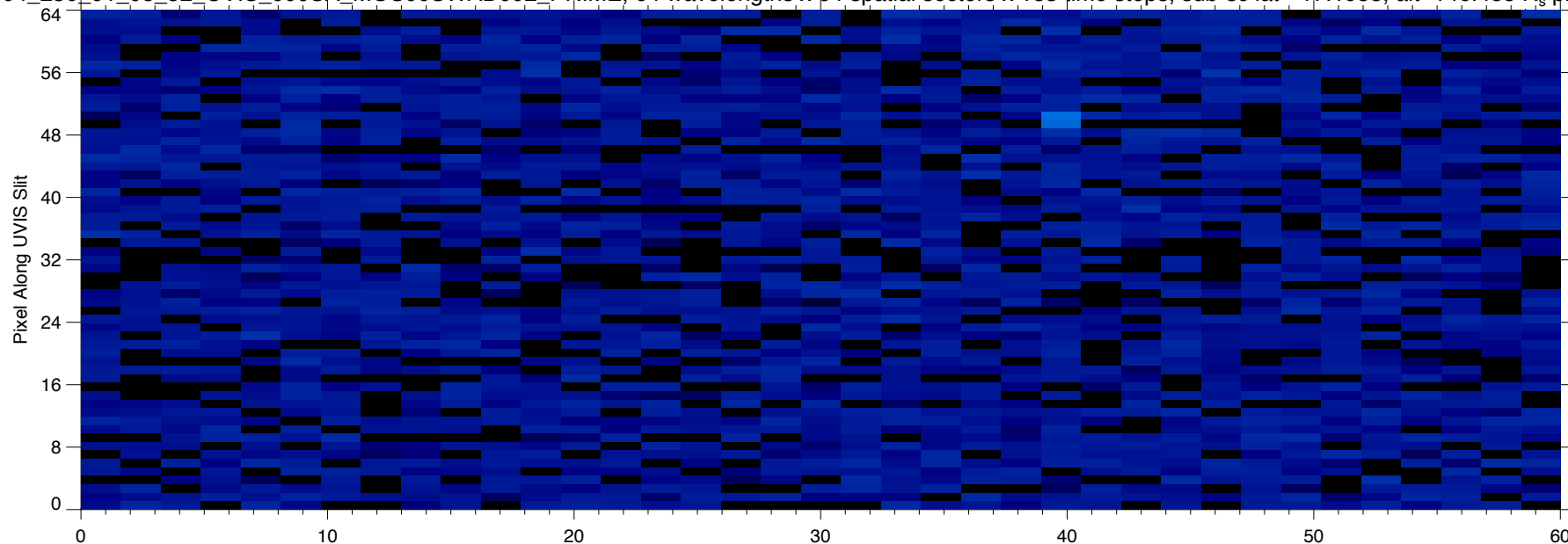
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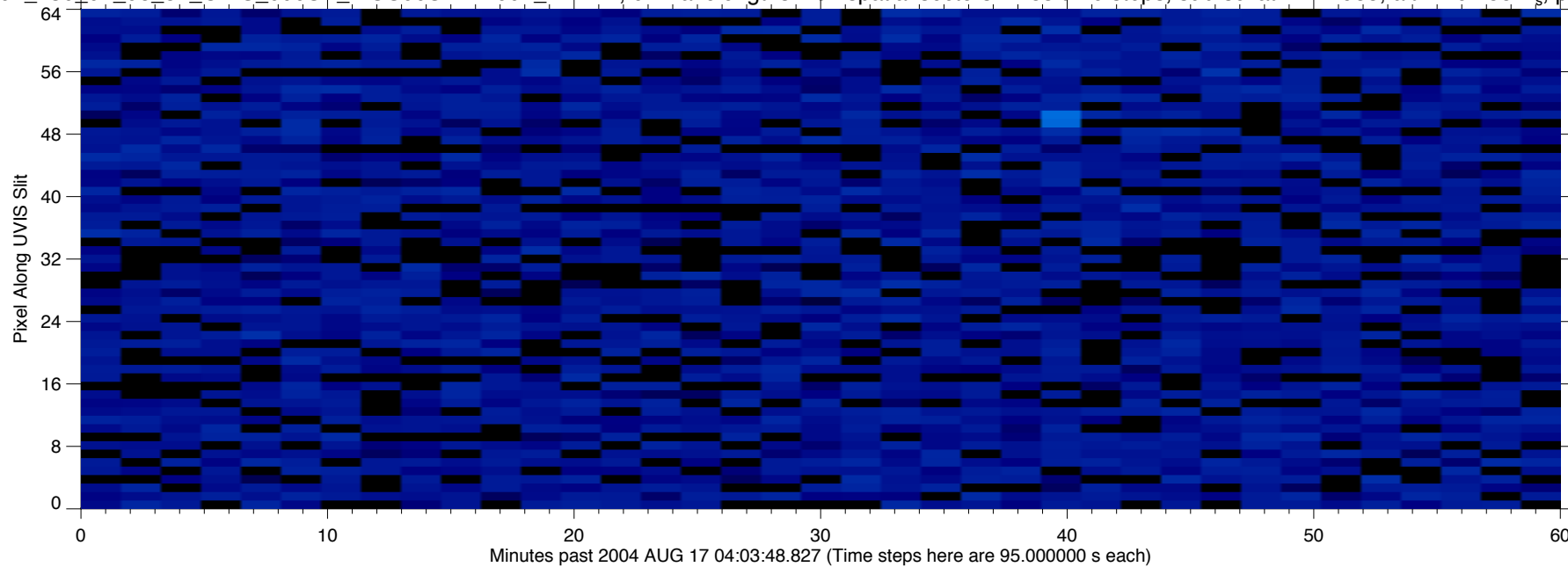
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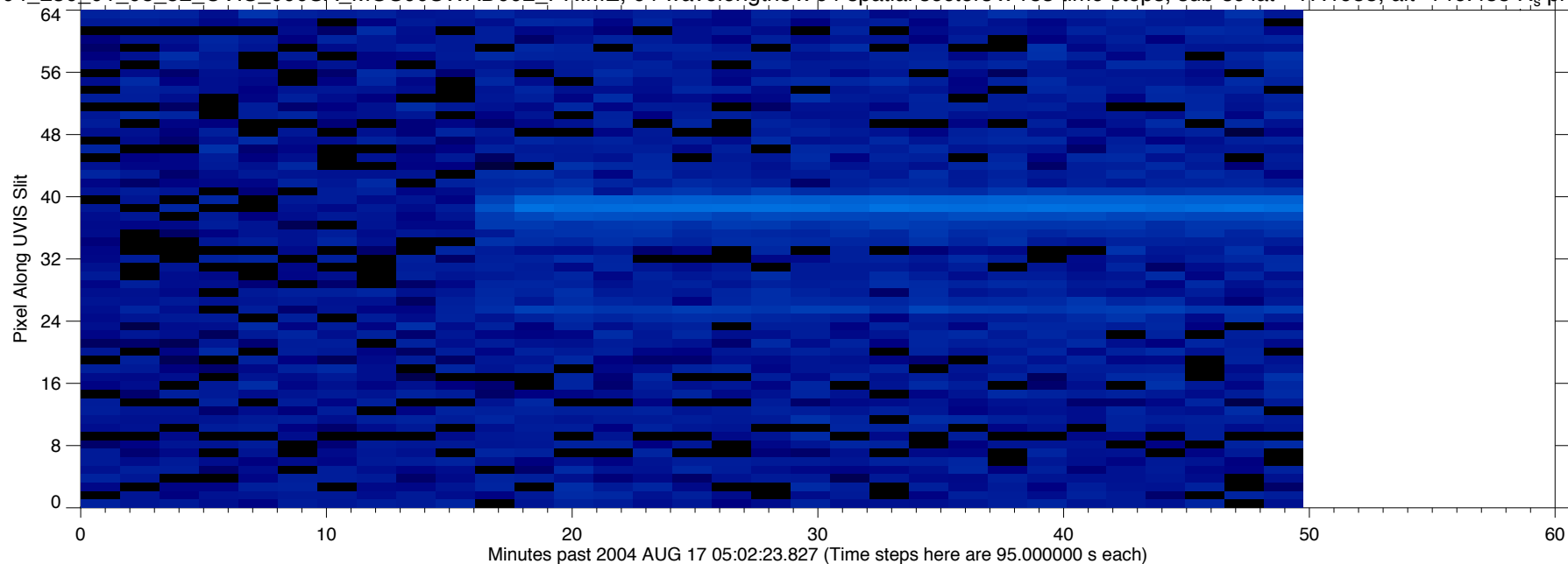
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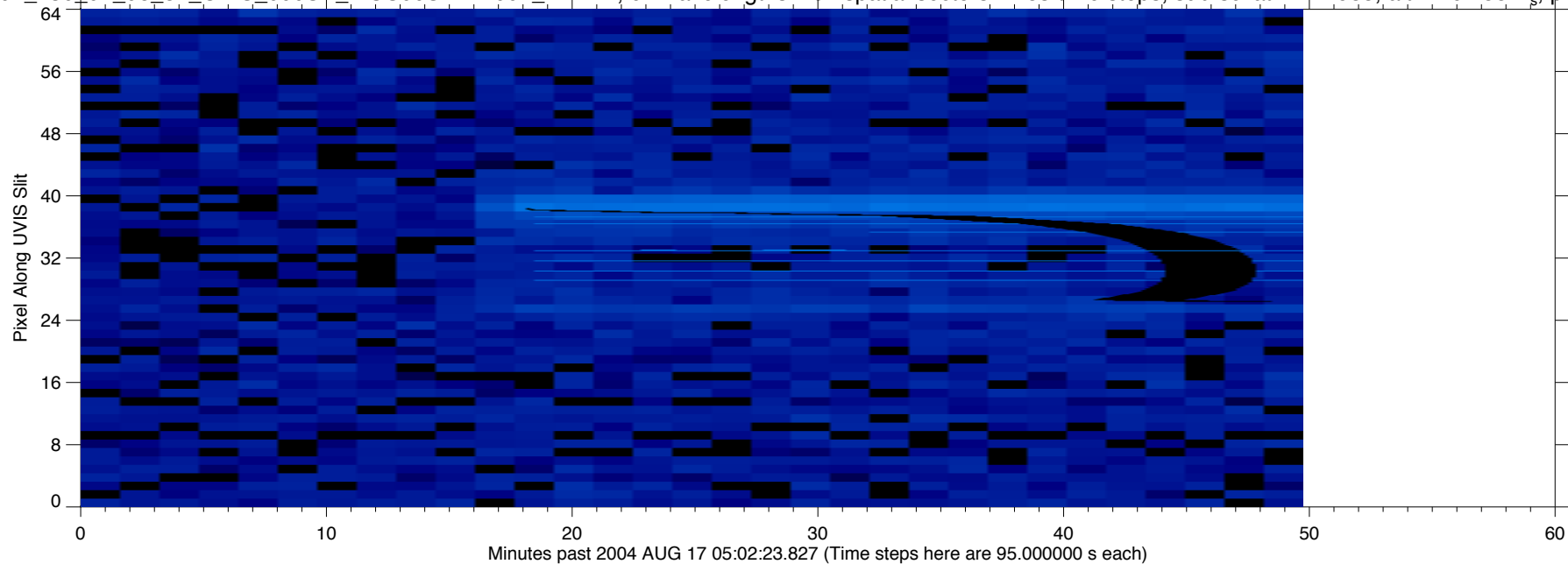
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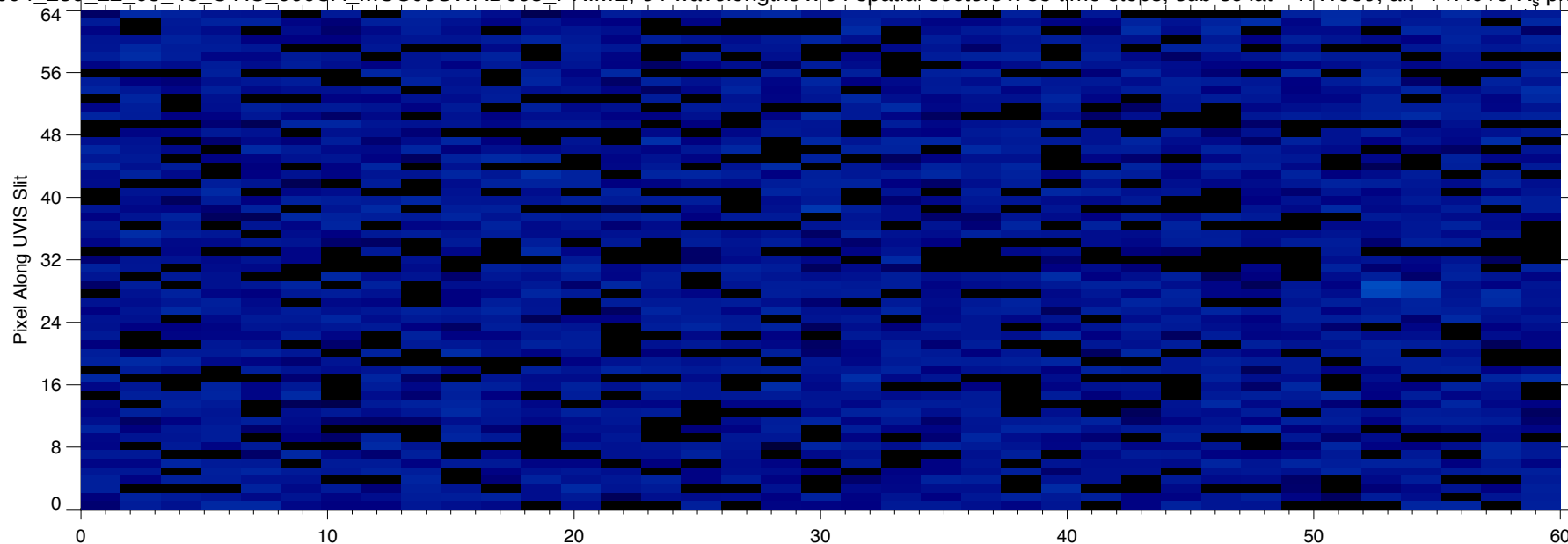
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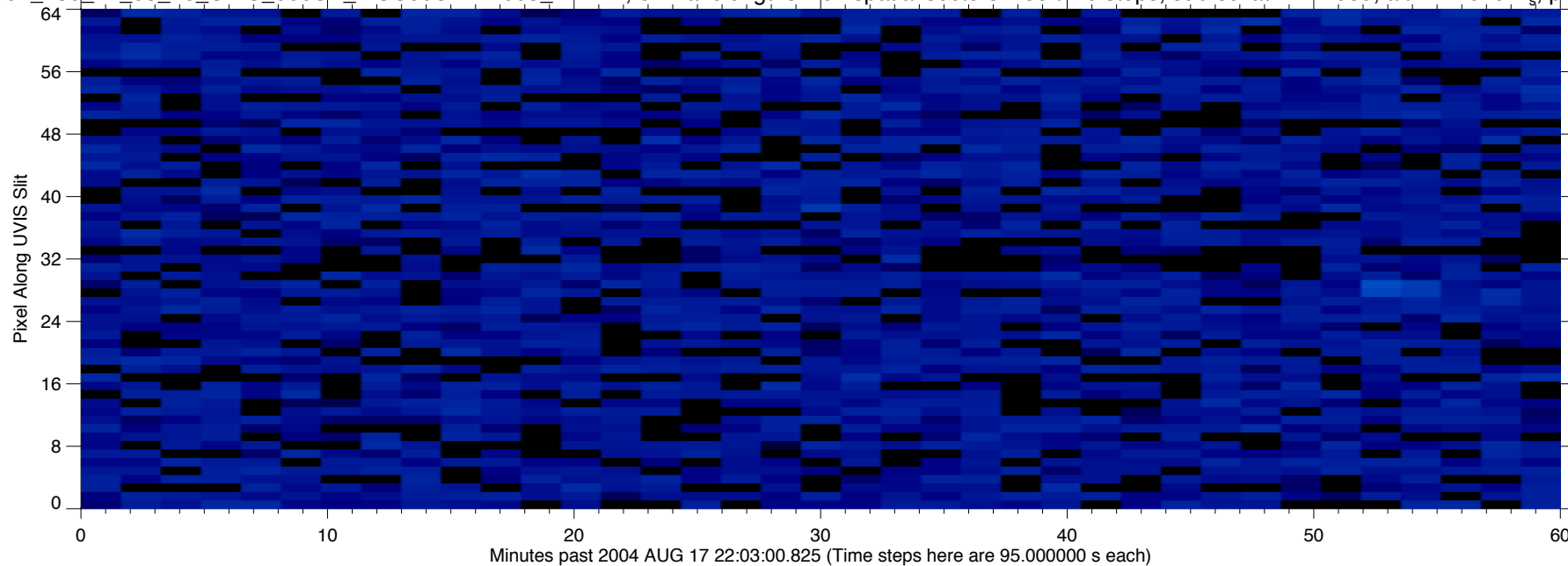
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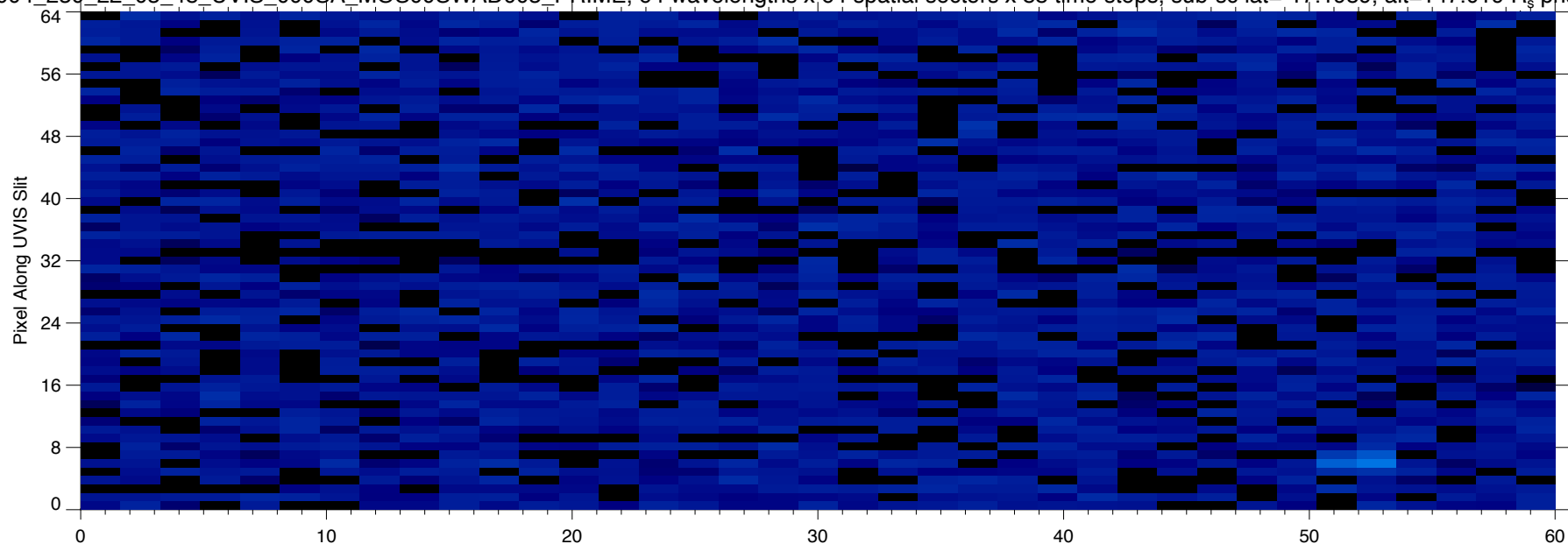
FUV2004_230_22_03_48_UVIS_000SA_MOS00SWAD003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1959, alt=147.019 R_s phase=88.3977



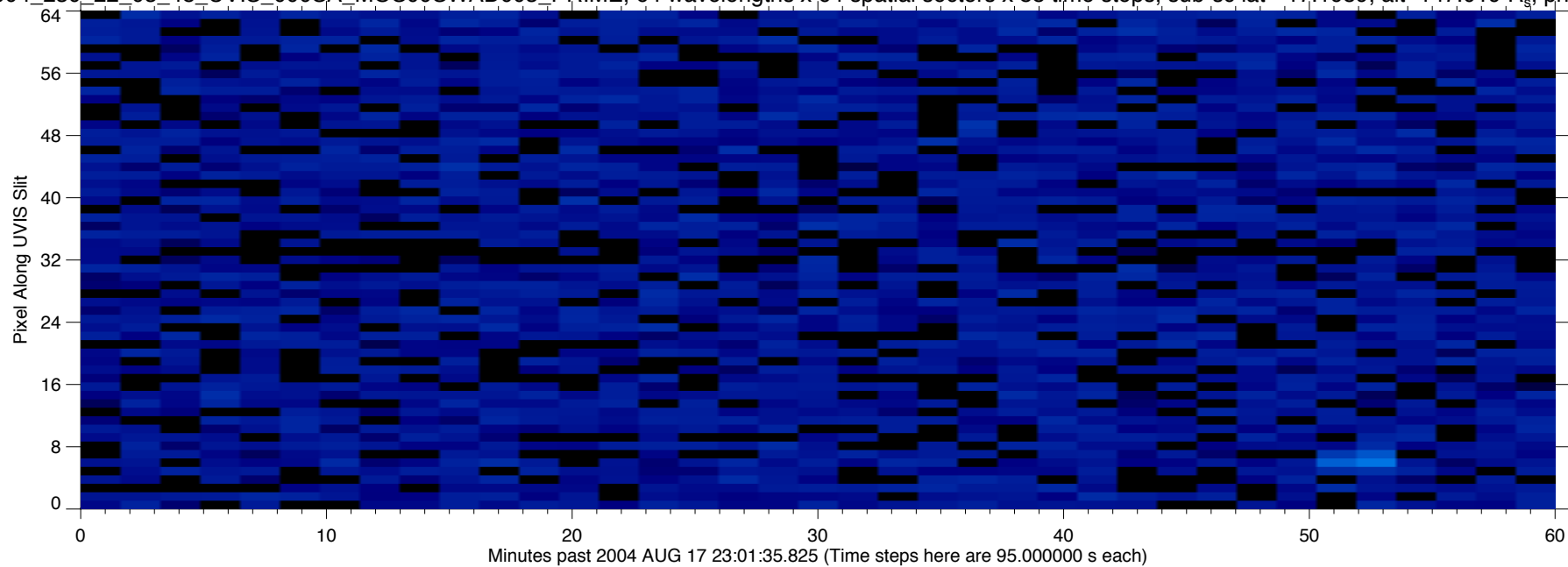
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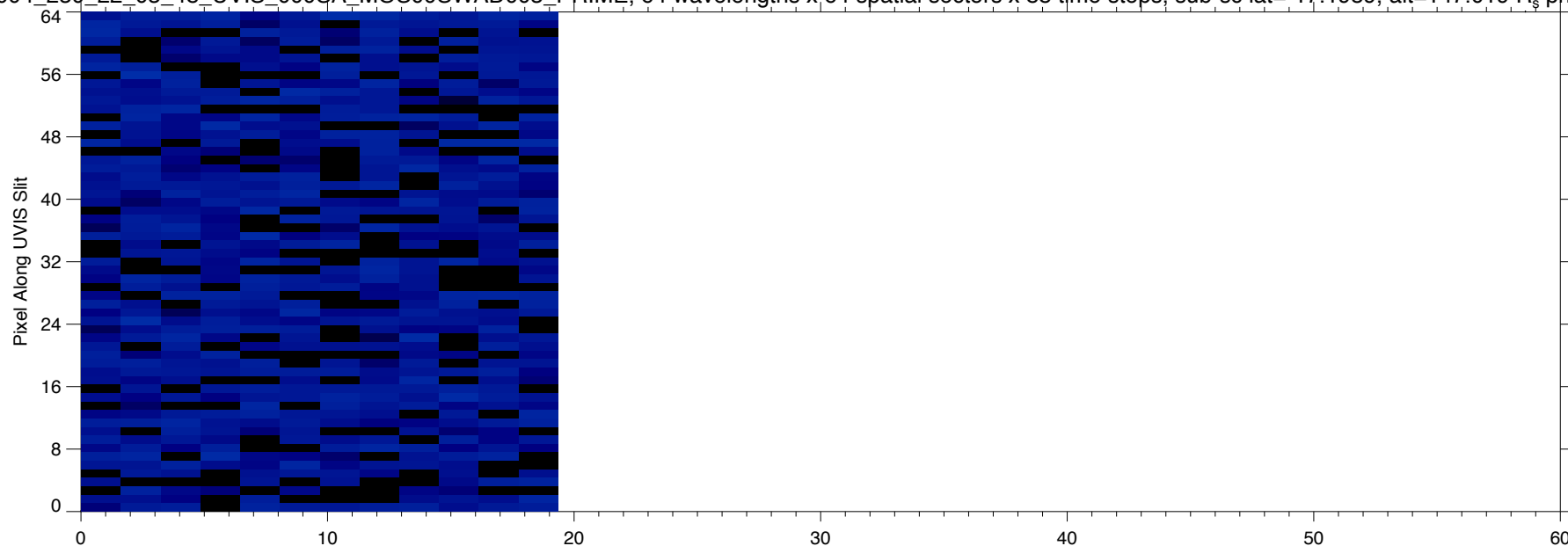
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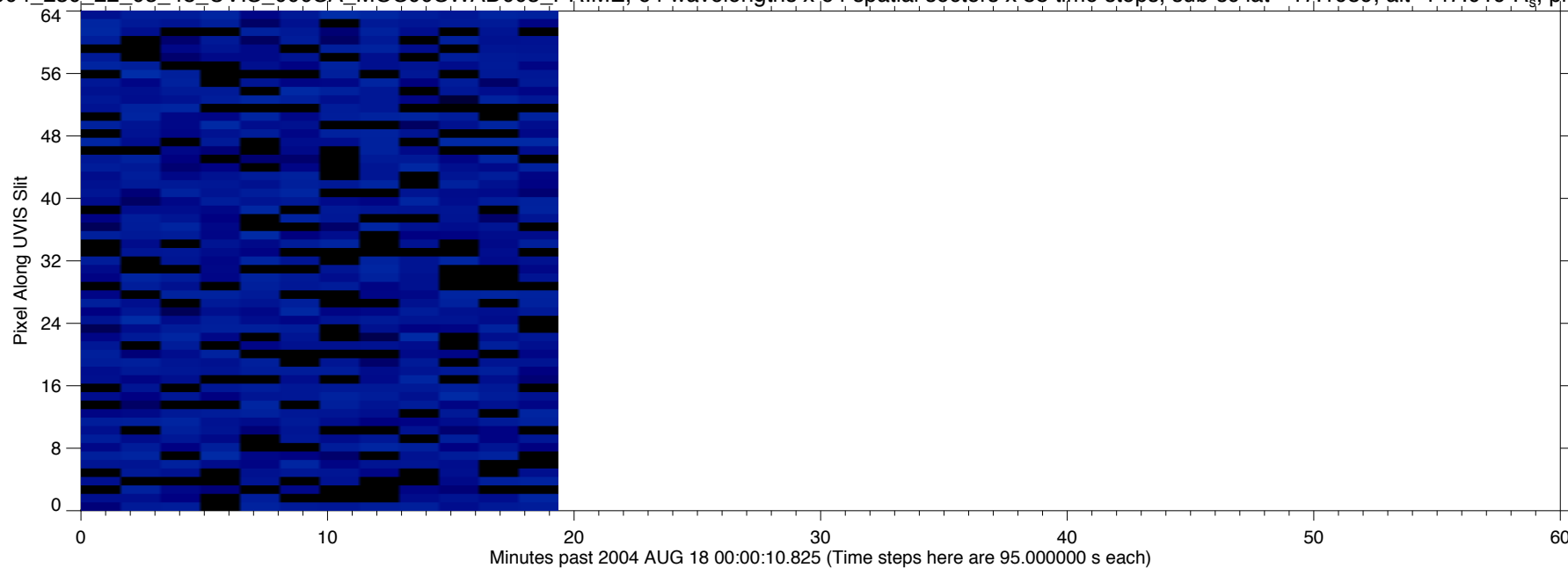
FUV2004_230_22_03_48_UVIS_000SA_MOS00SWAD003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1959, alt=147.019 R_s, phase=88.3977



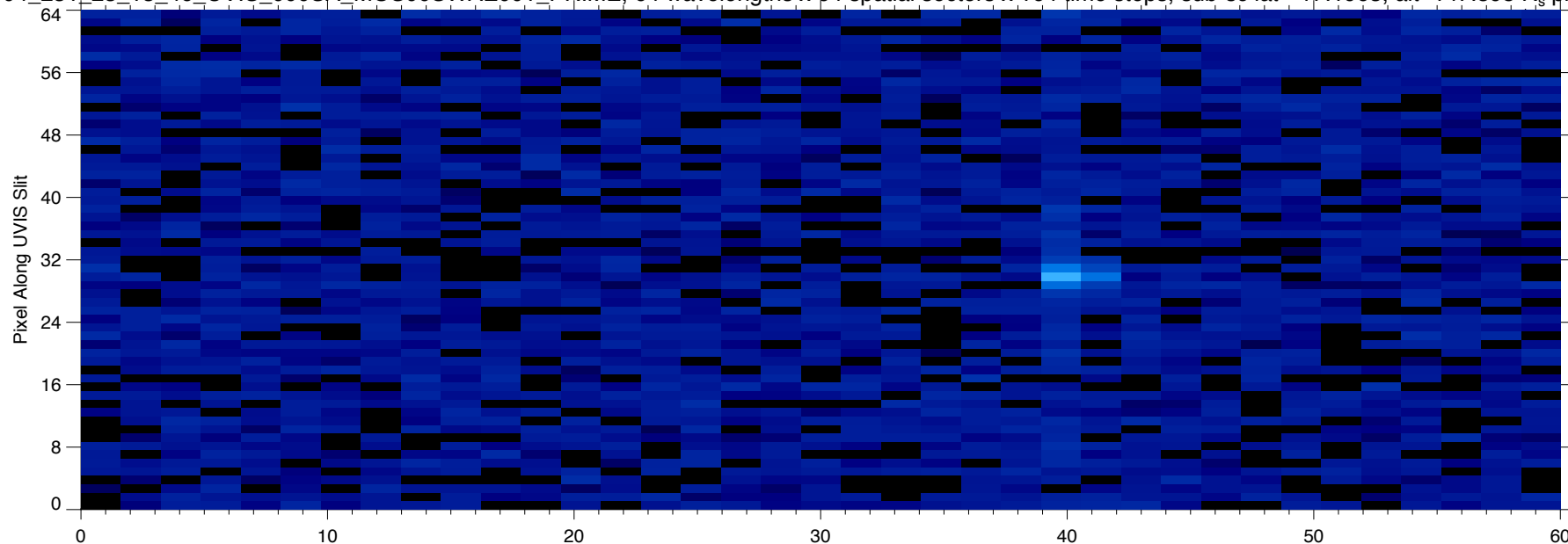
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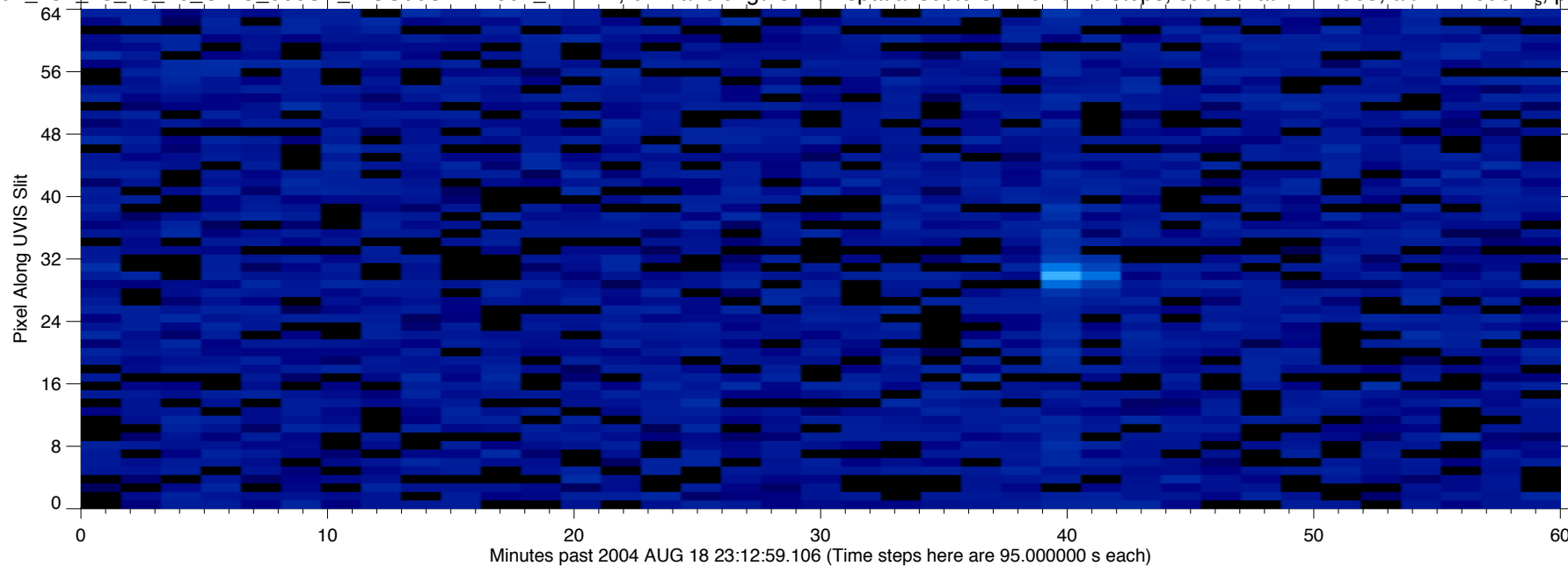
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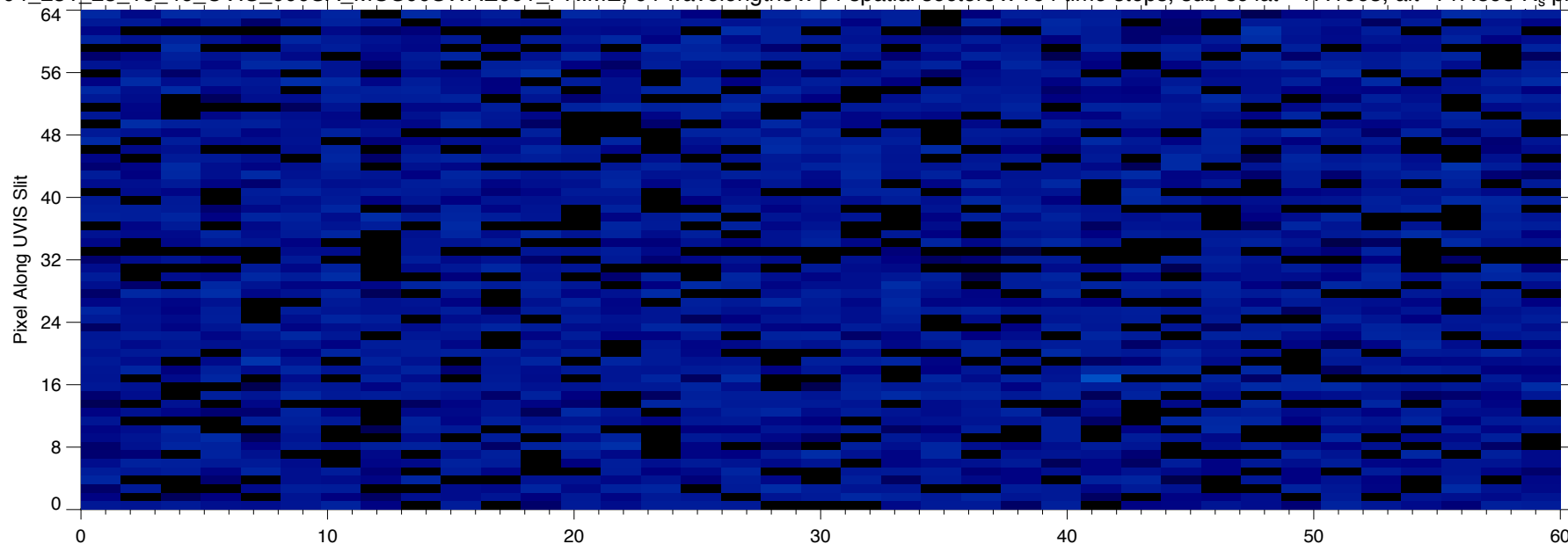
FUV2004_231_23_13_46_UVIS_000SA_MOS00SWAE001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1963, alt=147.598 R_s, phase=88.2909



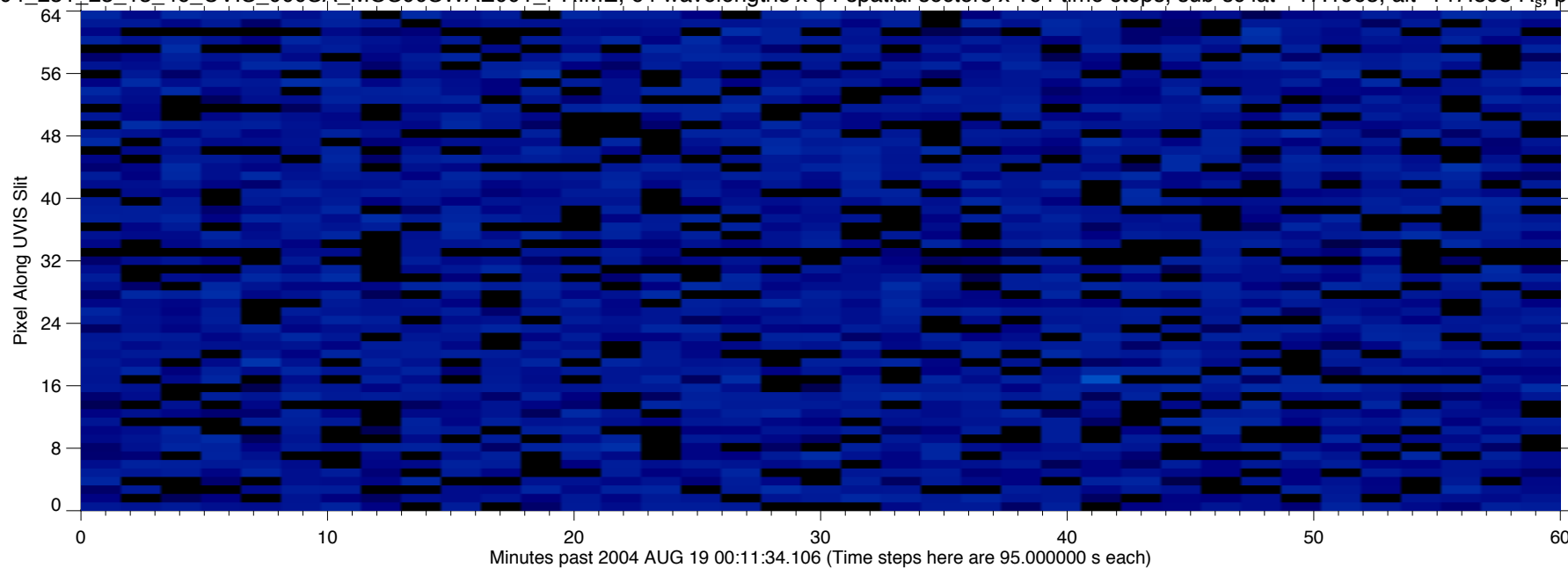
FUV2004_231_23_13_46_UVIS_000SA_MOS00SWAE001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.1963, alt=147.598 R_s, phase=88.2909



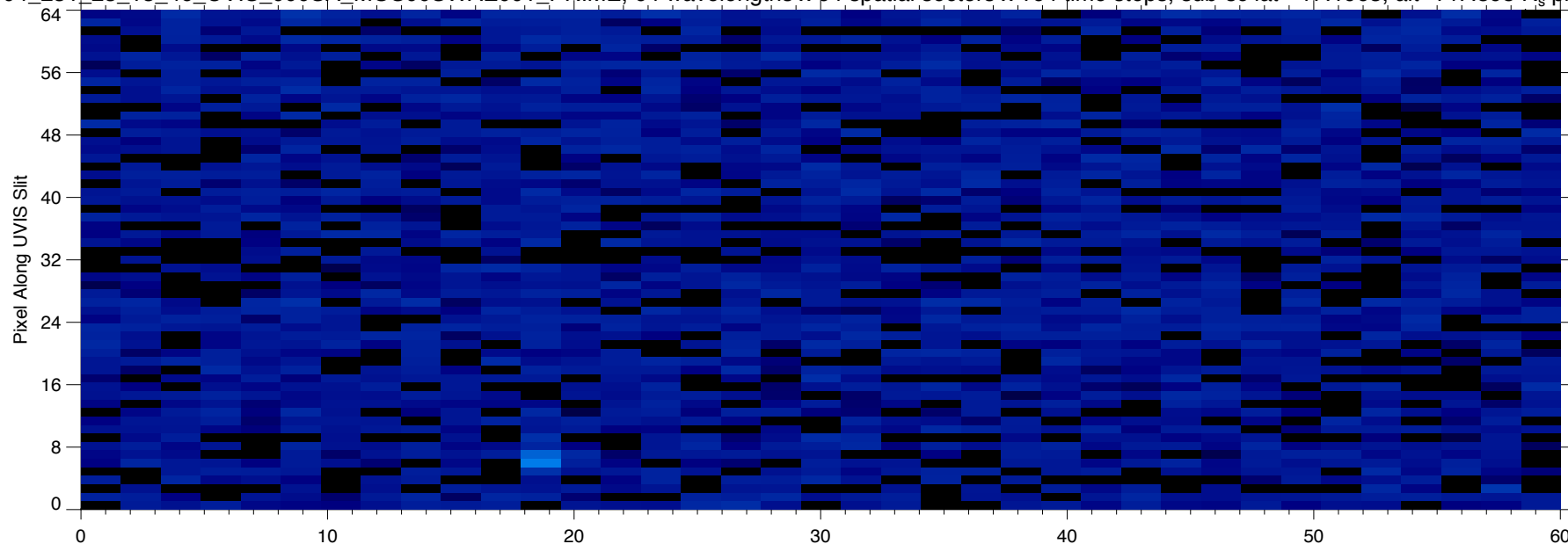
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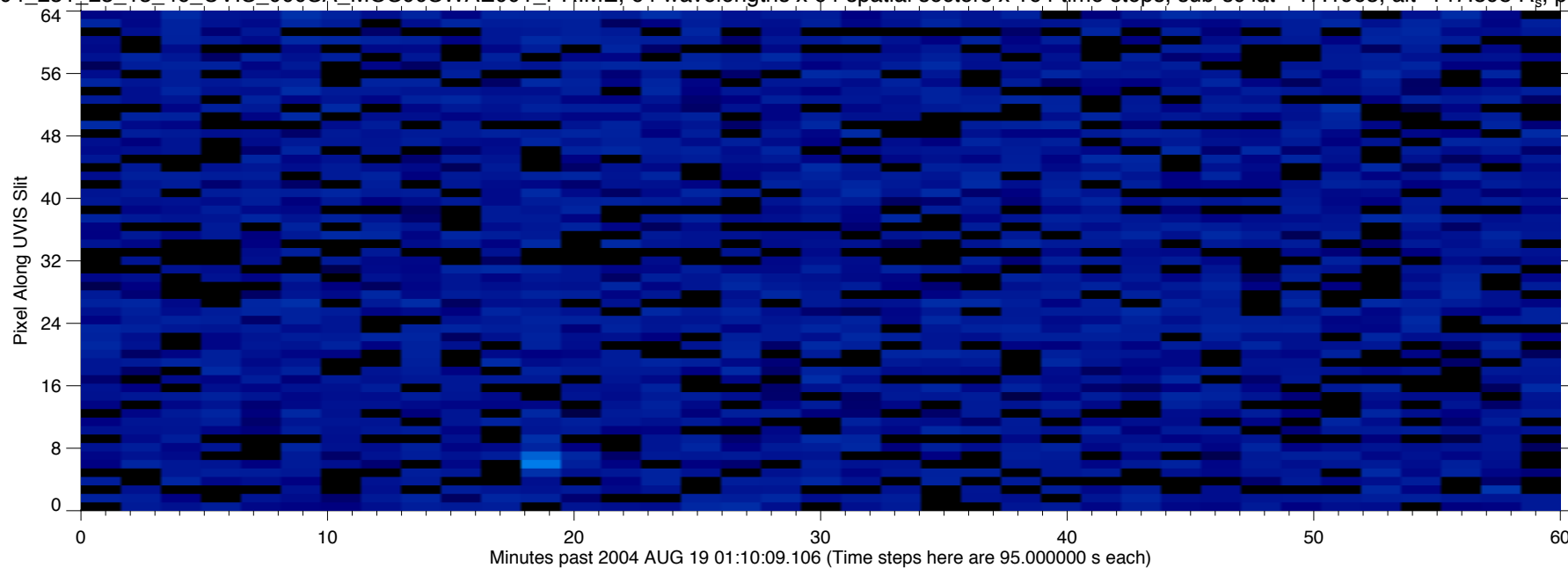
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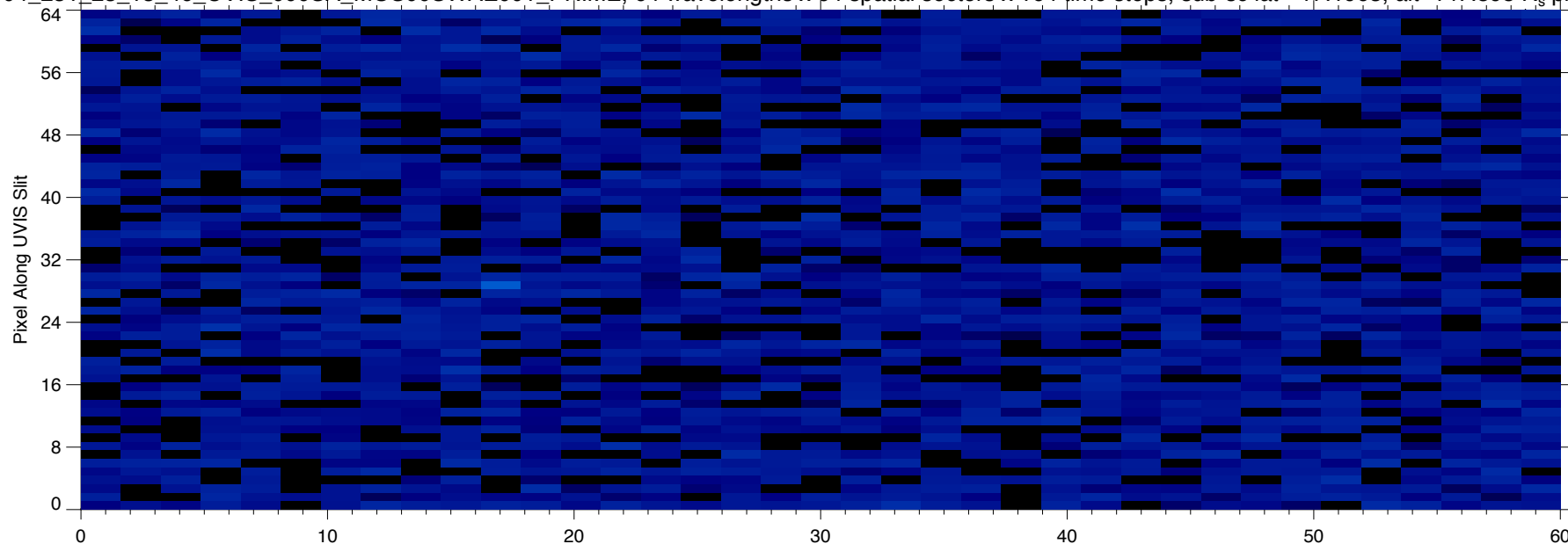
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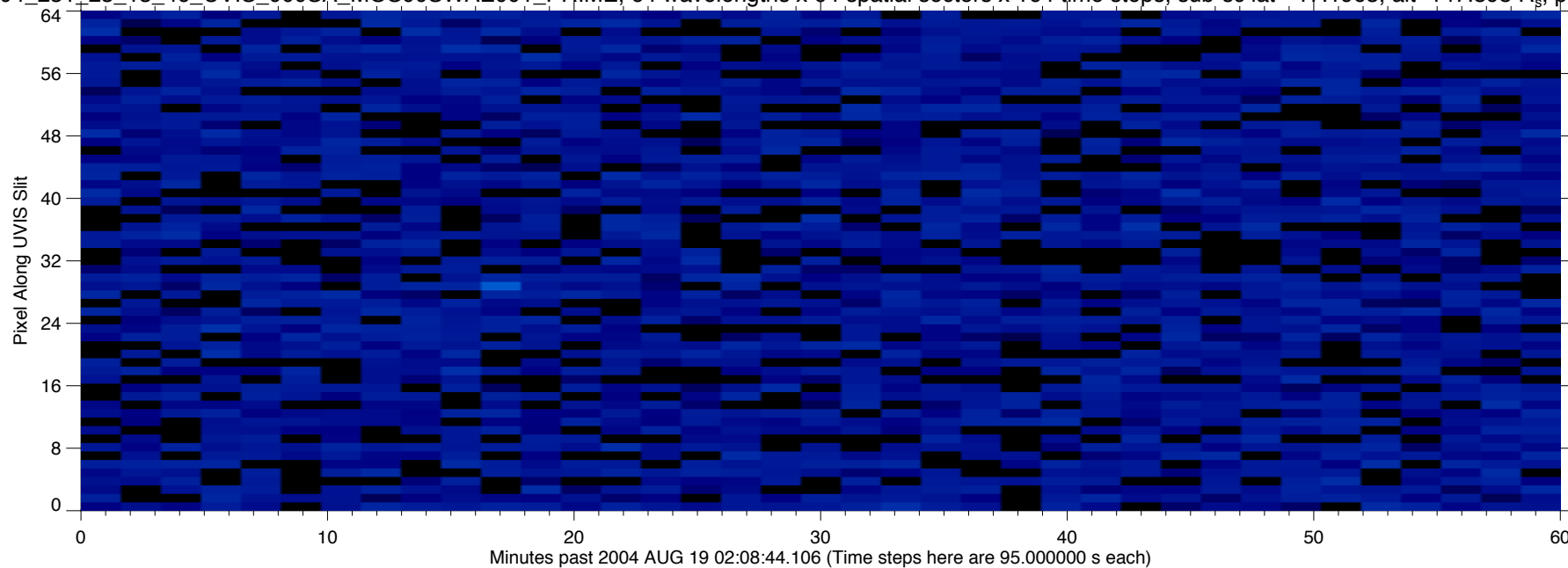
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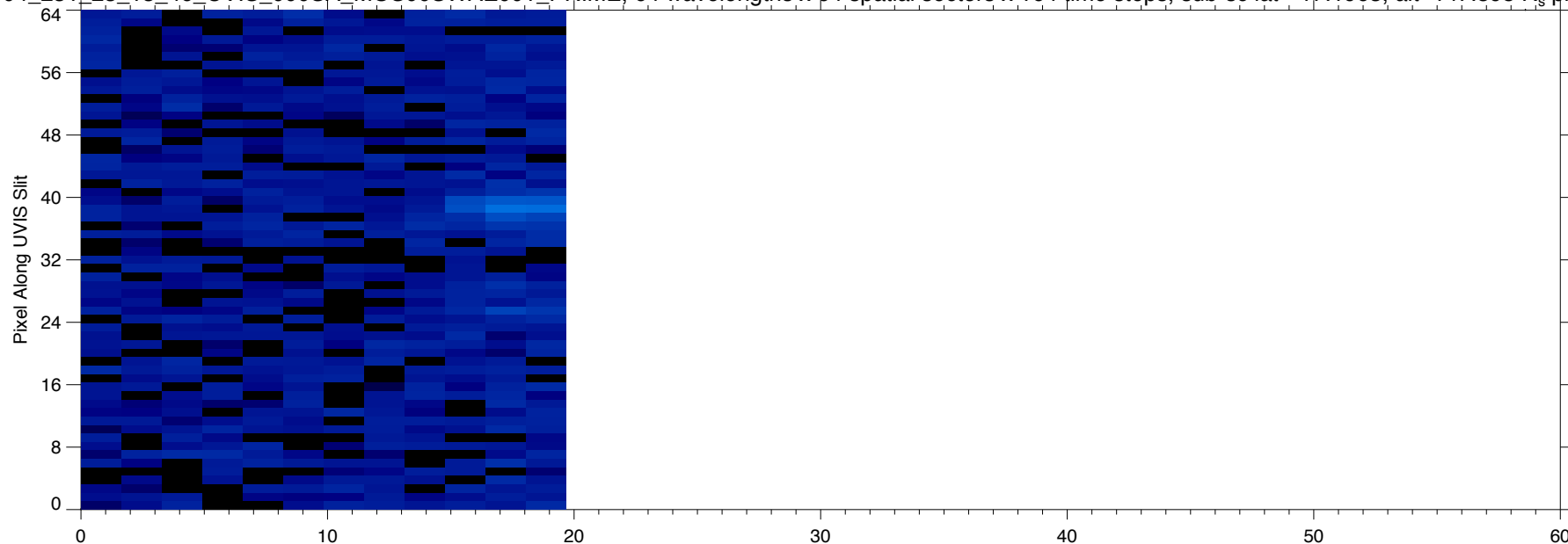
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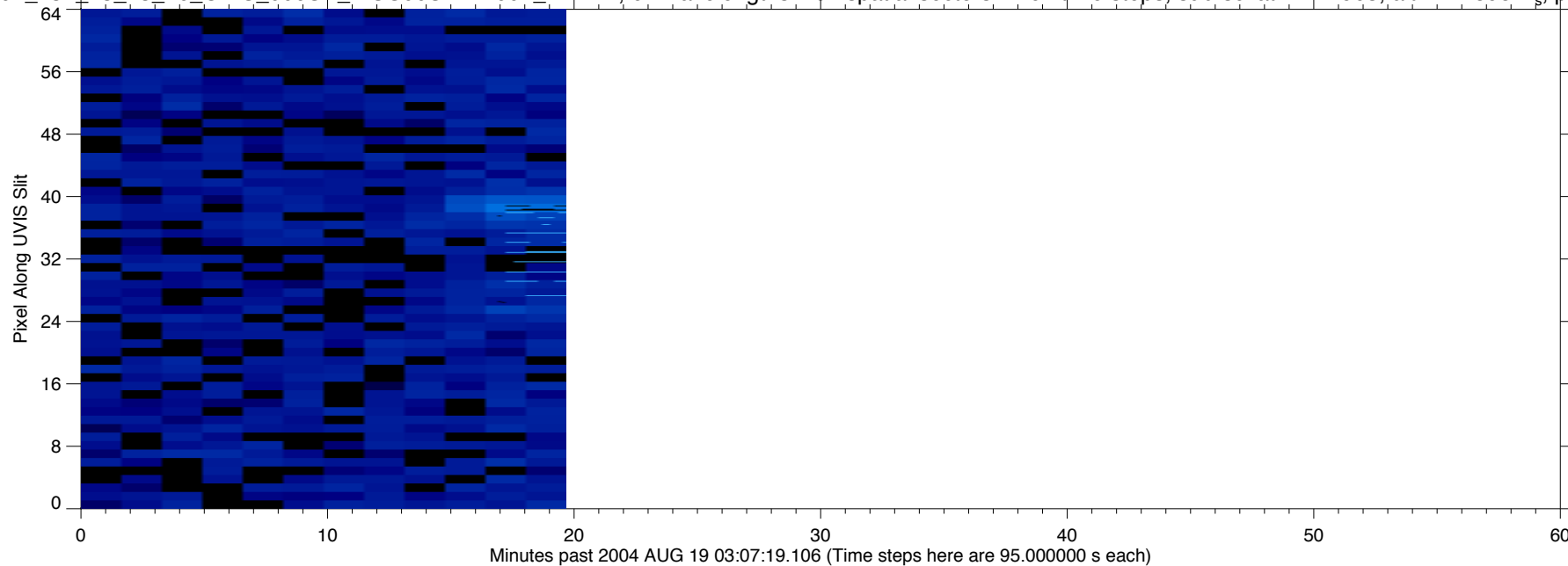
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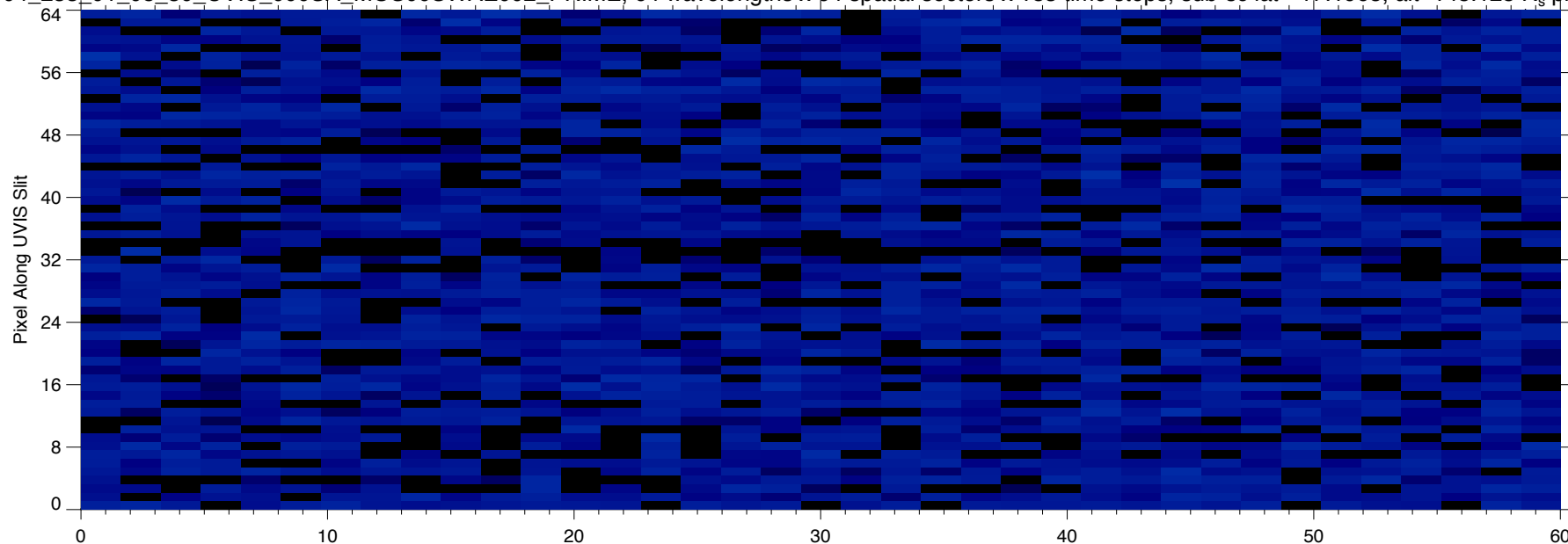
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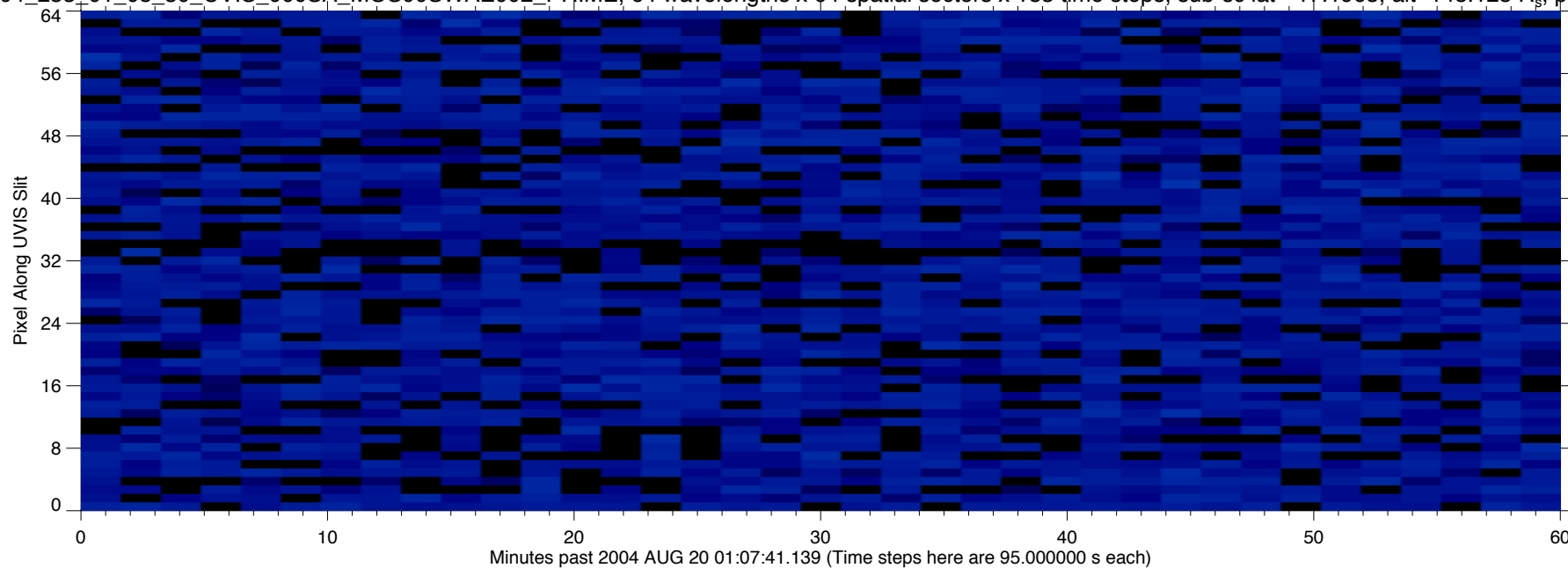
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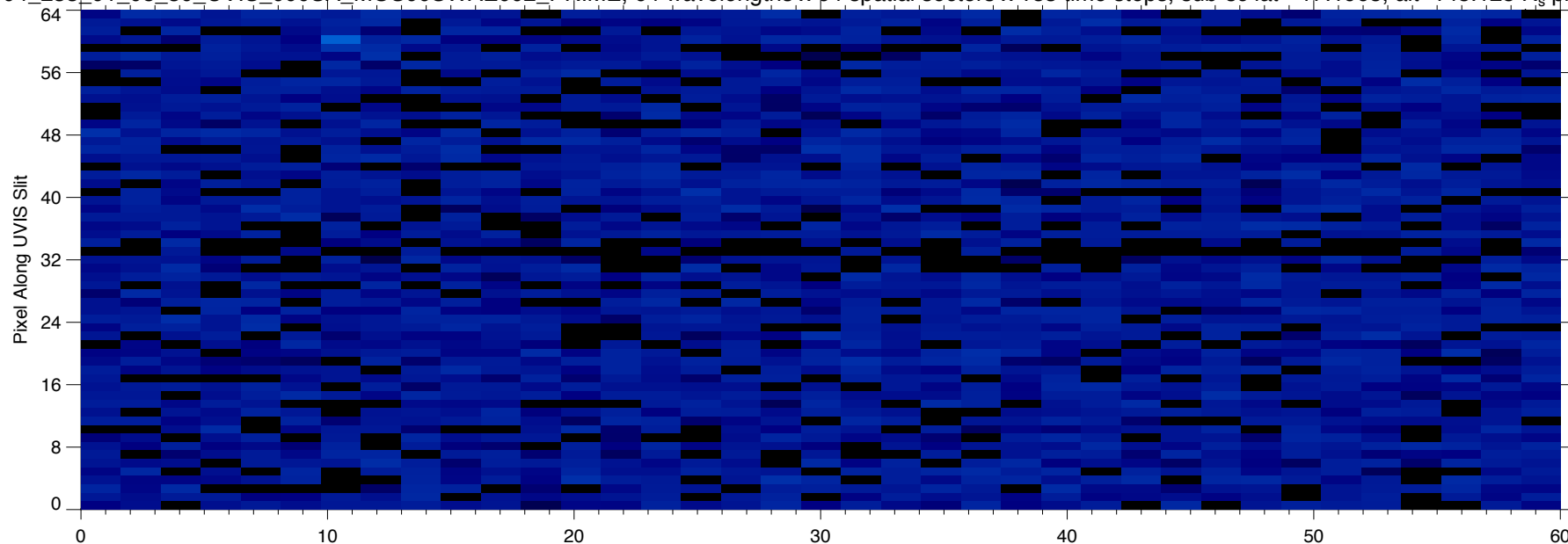
FUV2004_233_01_08_30_UVIS_000SA_MOS00SWAE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1965, alt=148.128 R_s, phase=88.1820



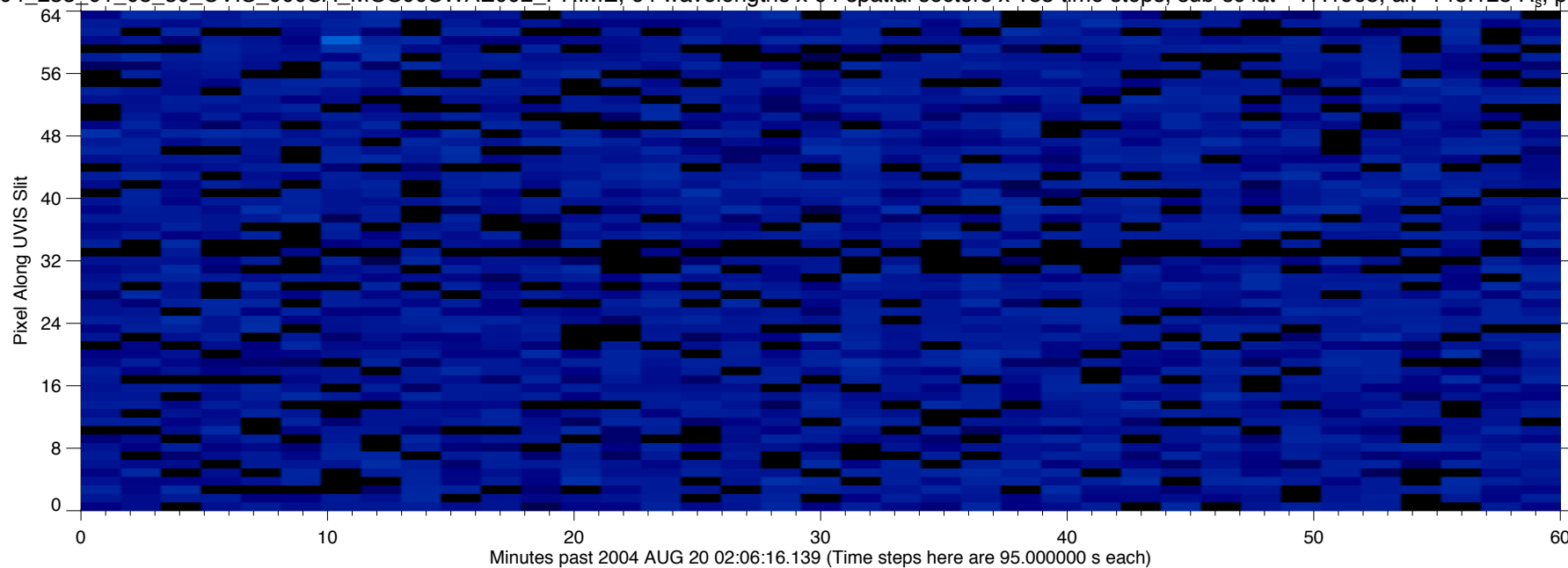
FUV2004_233_01_08_30_UVIS_000SA_MOS00SWAE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1965, alt=148.128 R_s, phase=88.1820



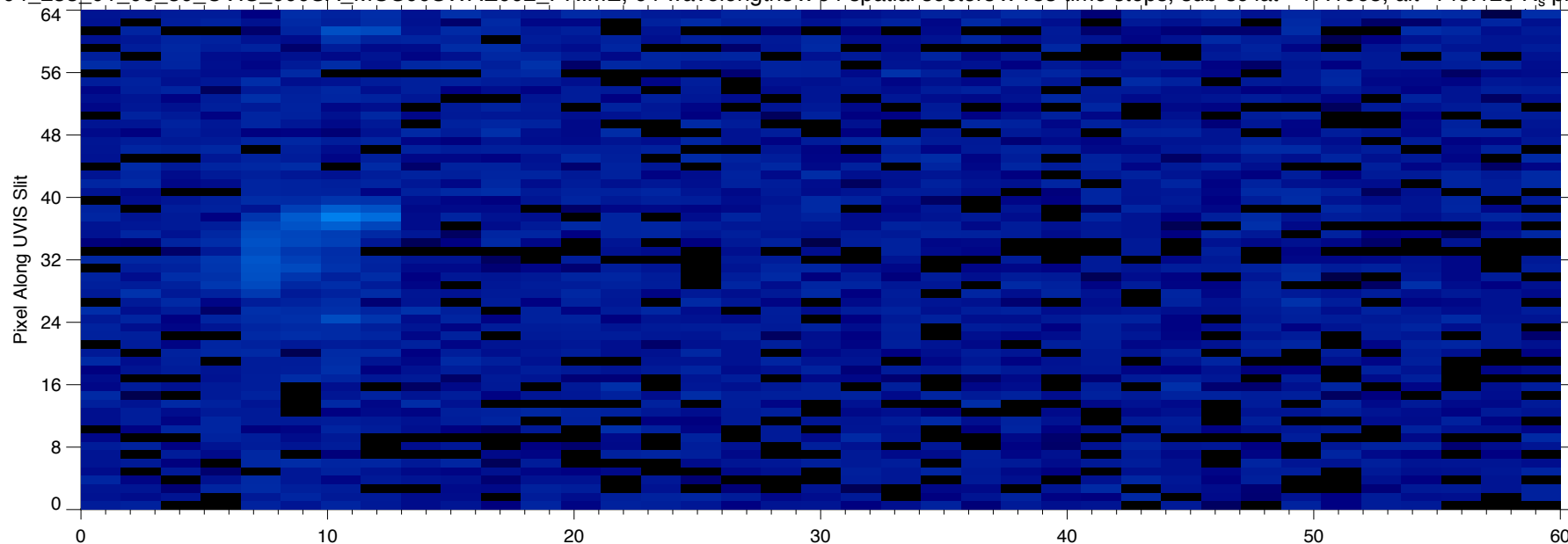
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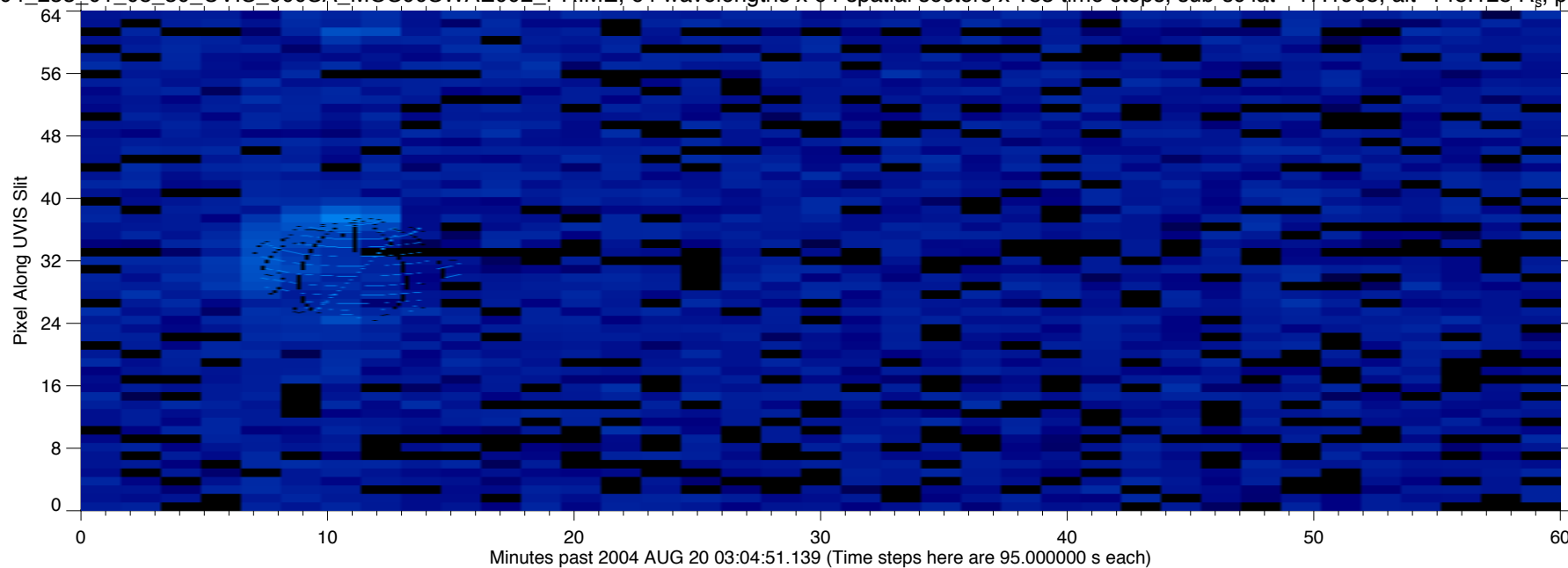
FUV2004_233_01_08_30_UVIS_000SA_MOS00SWAE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1965, alt=148.128 R_s, phase=88.1820



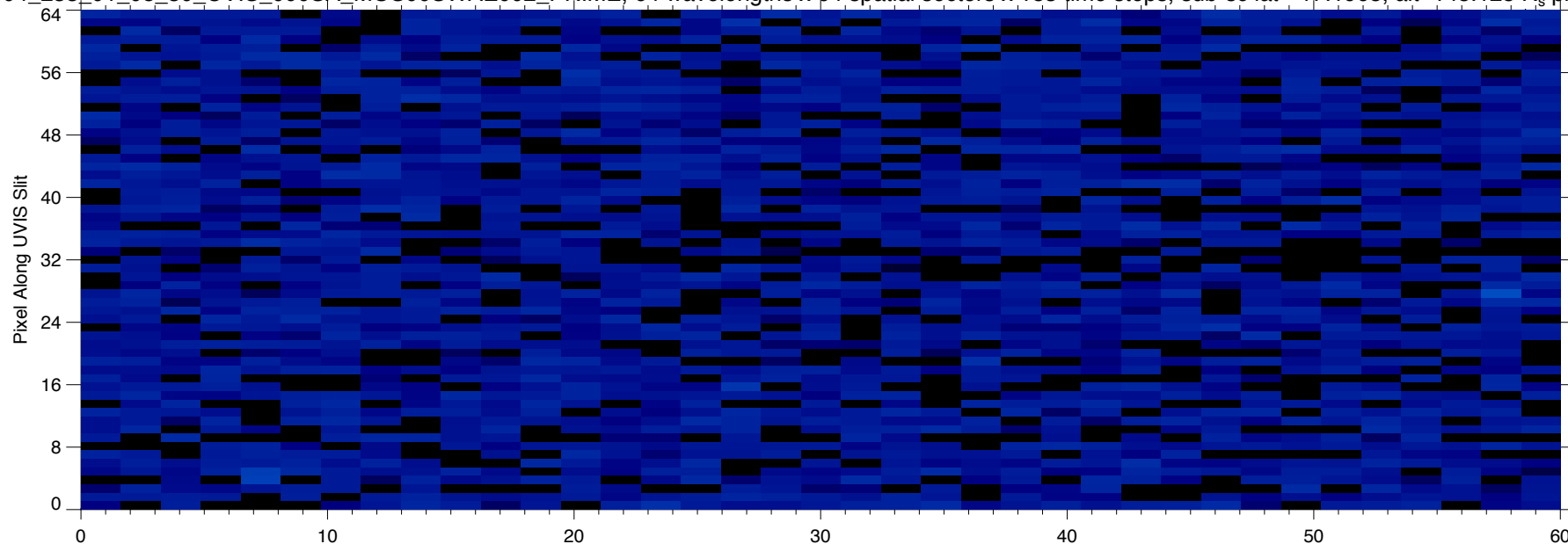
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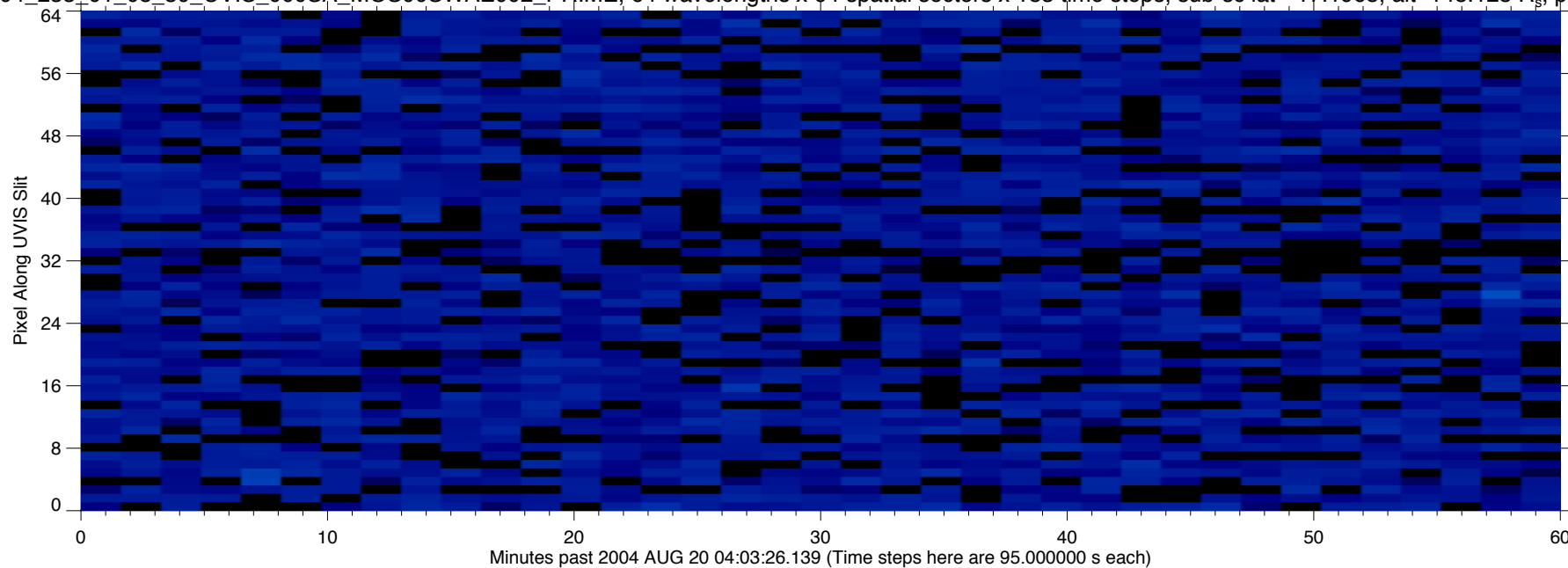
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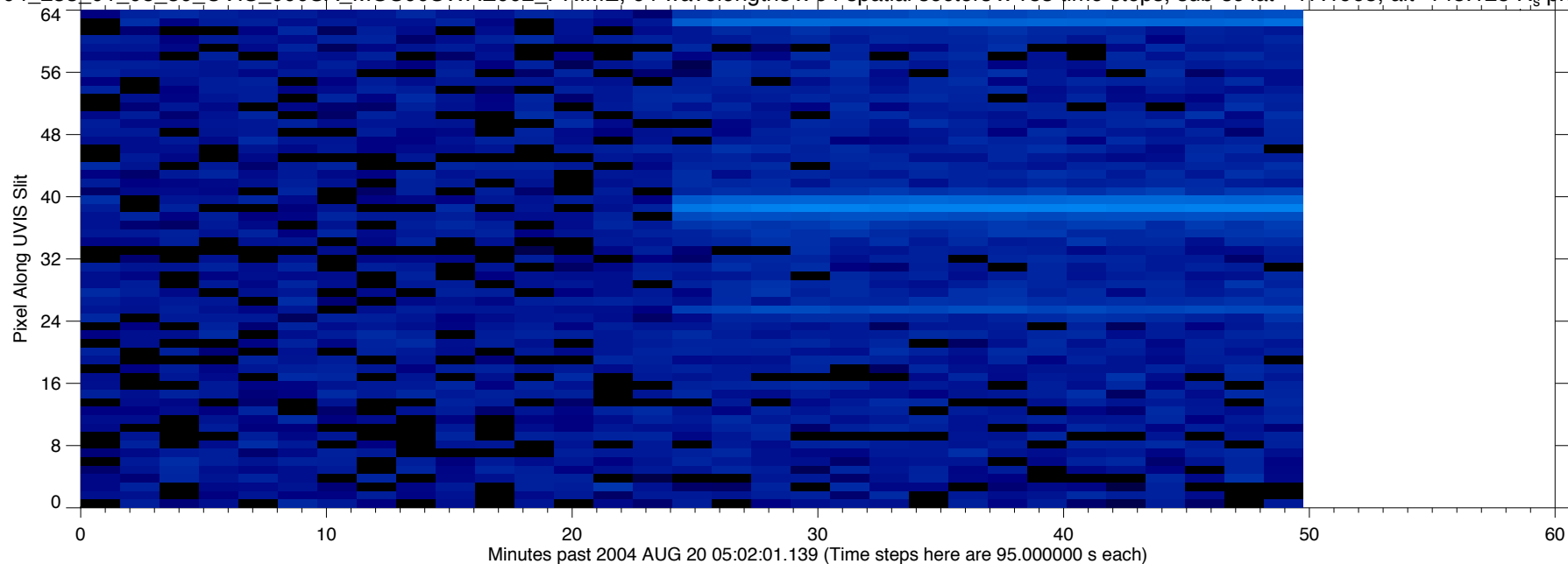
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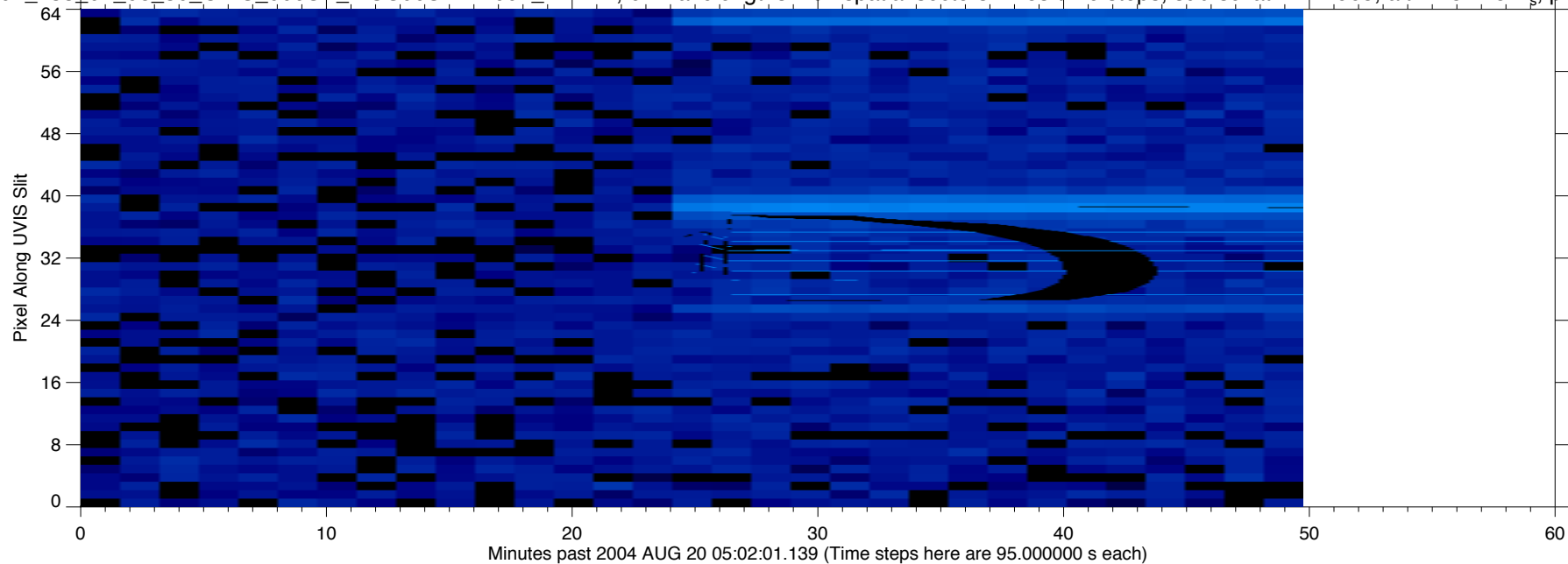
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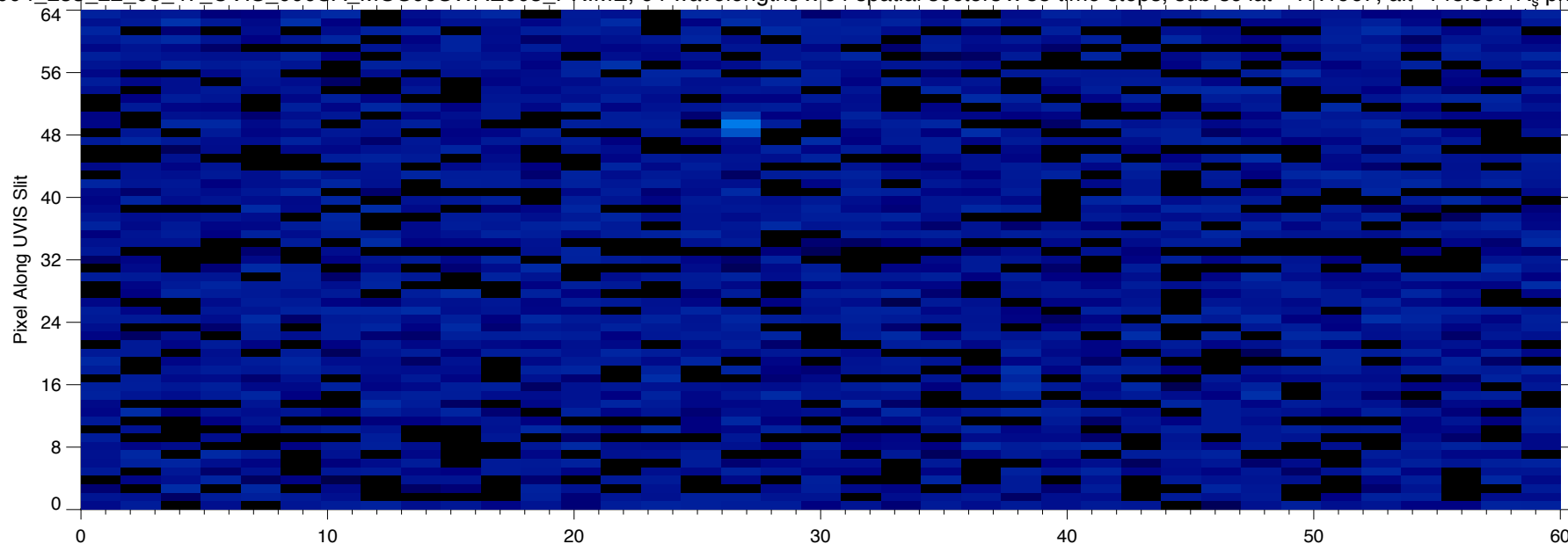
FUV2004_233_01_08_30_UVIS_000SA_MOS00SWAE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1965, alt=148.128 R_s, phase=88.1820



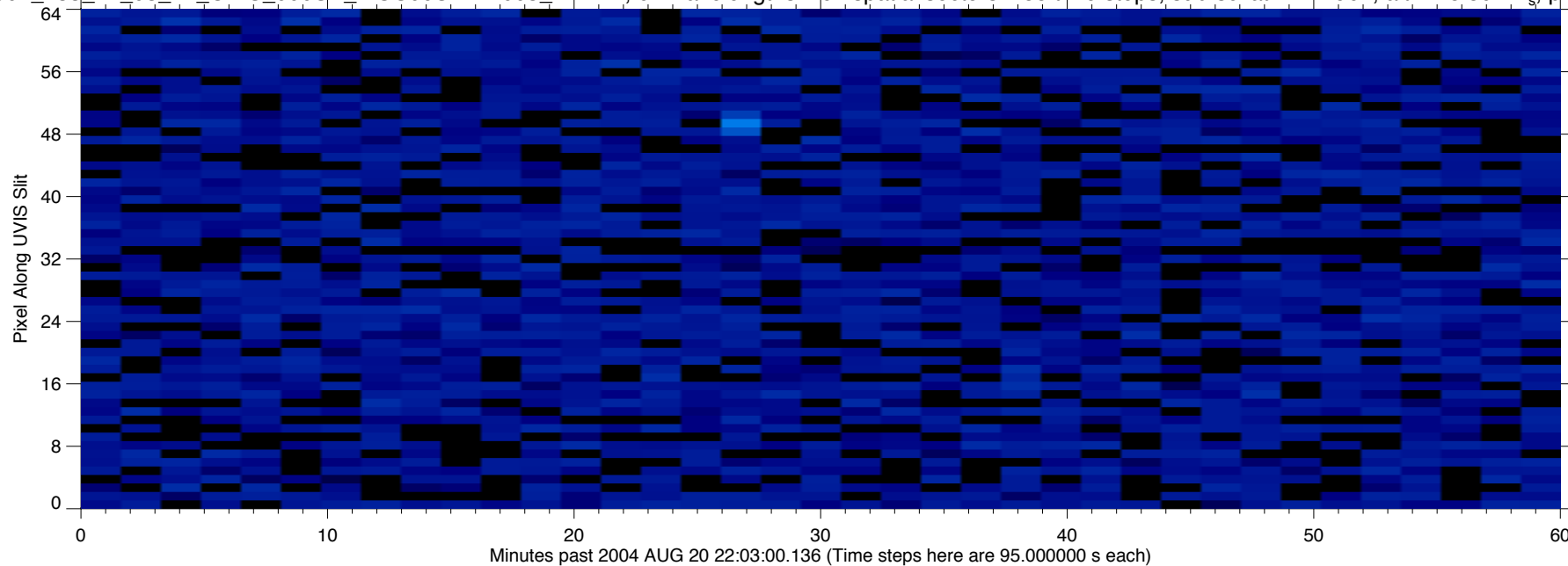
FUV2004_233_01_08_30_UVIS_000SA_MOS00SWAE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1965, alt=148.128 R_s, phase=88.1820



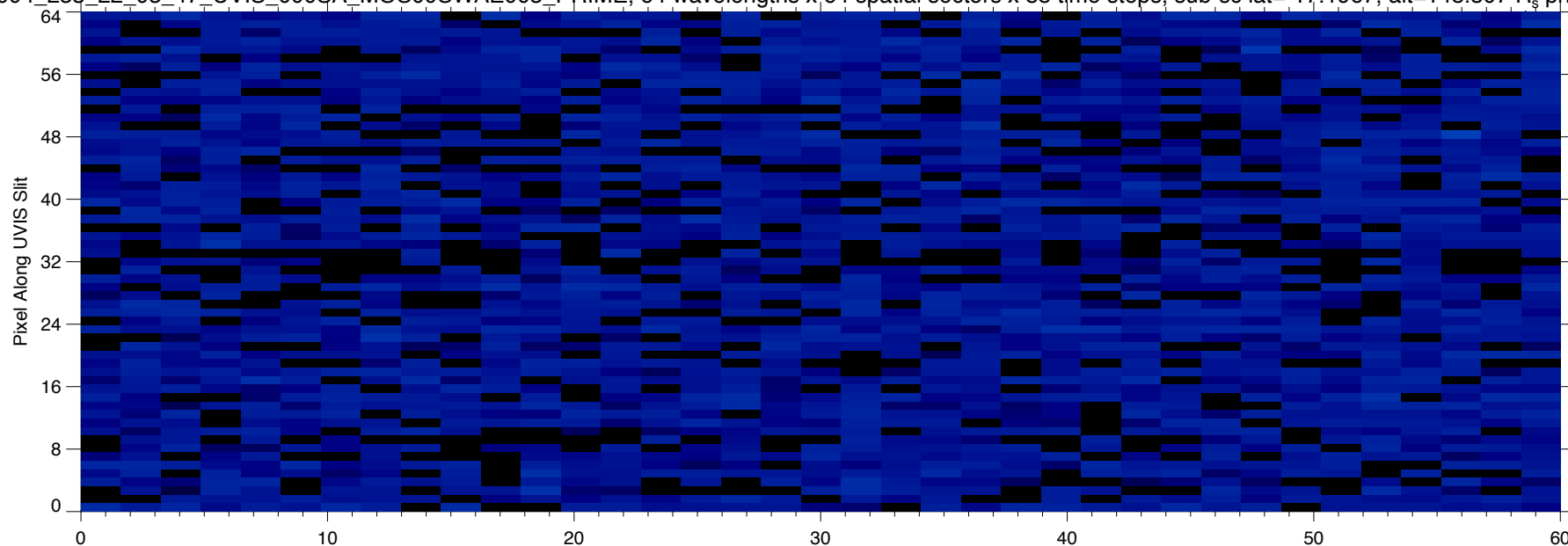
FUV2004_233_22_03_47_UVIS_000SA_MOS00SWAE003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1967, alt=148.507 R_s phase=88.0947



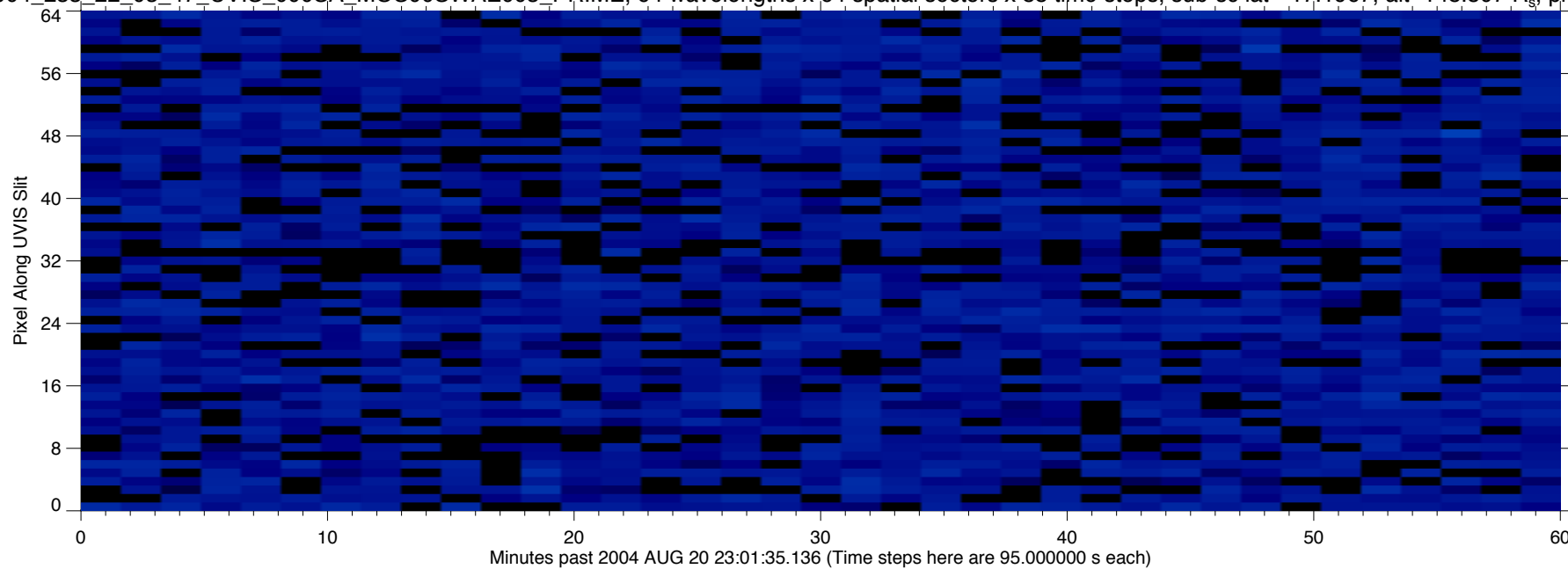
FUV2004_233_22_03_47_UVIS_000SA_MOS00SWAE003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1967, alt=148.507 R_s phase=88.0947



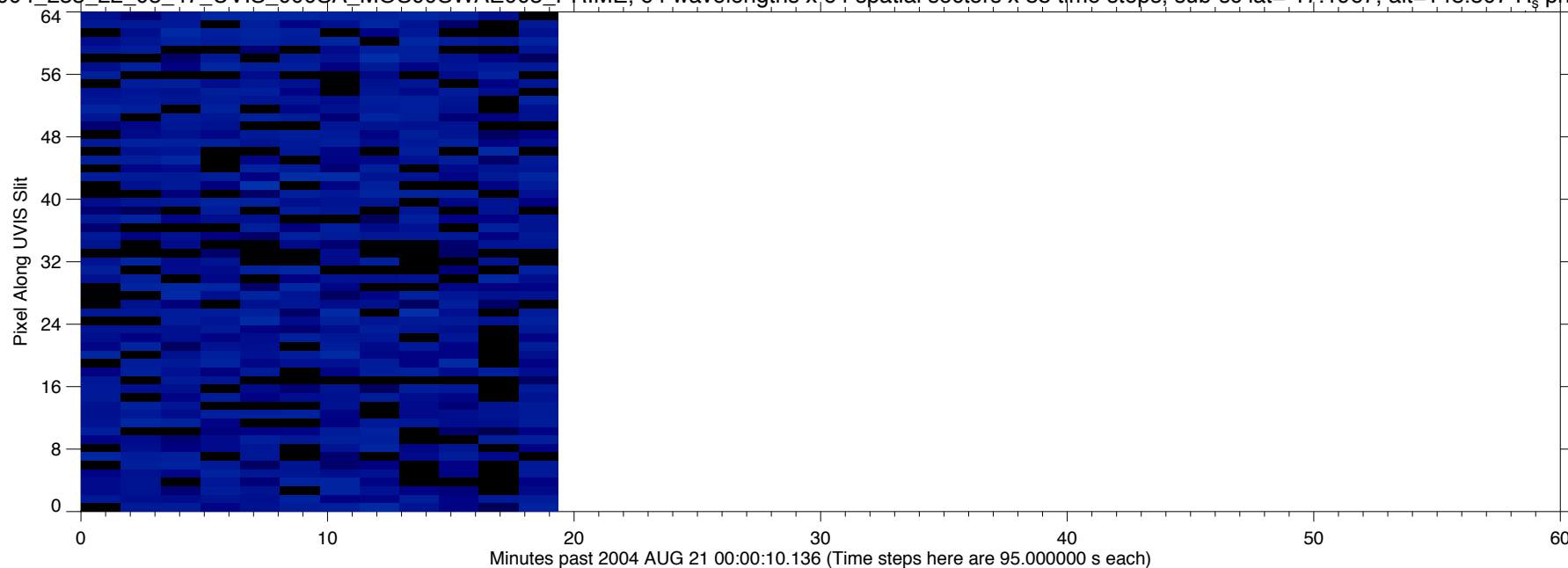
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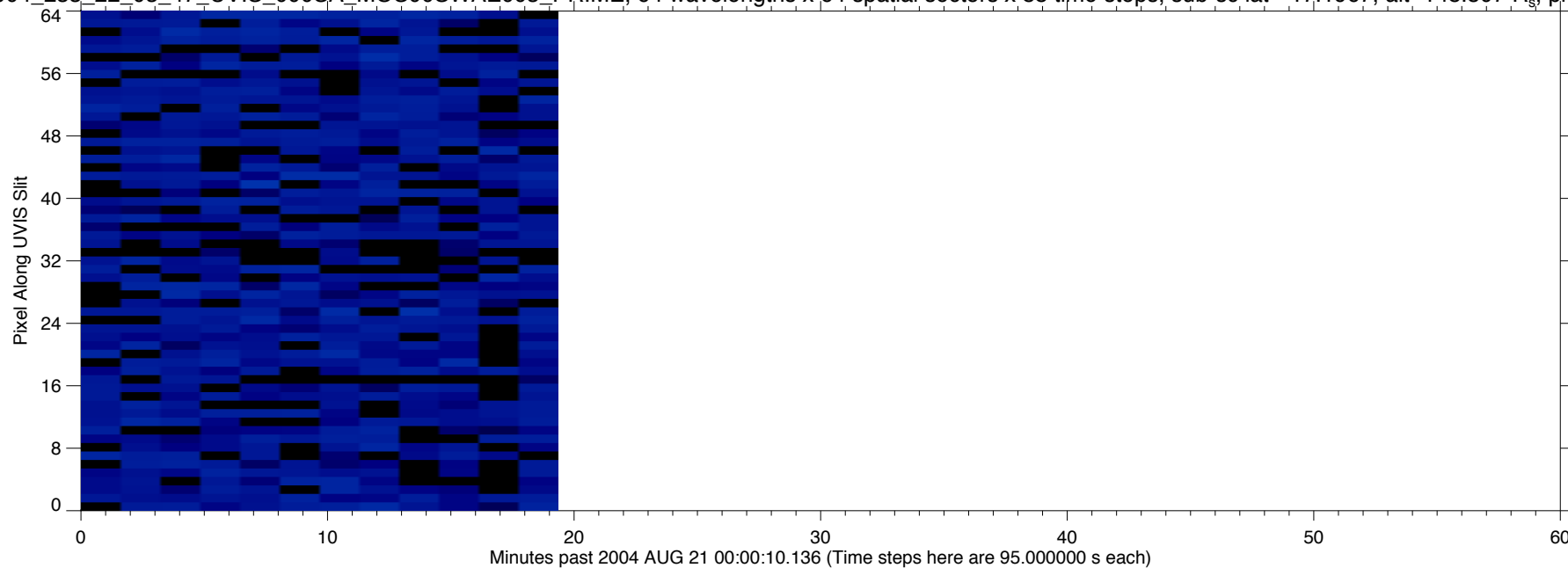
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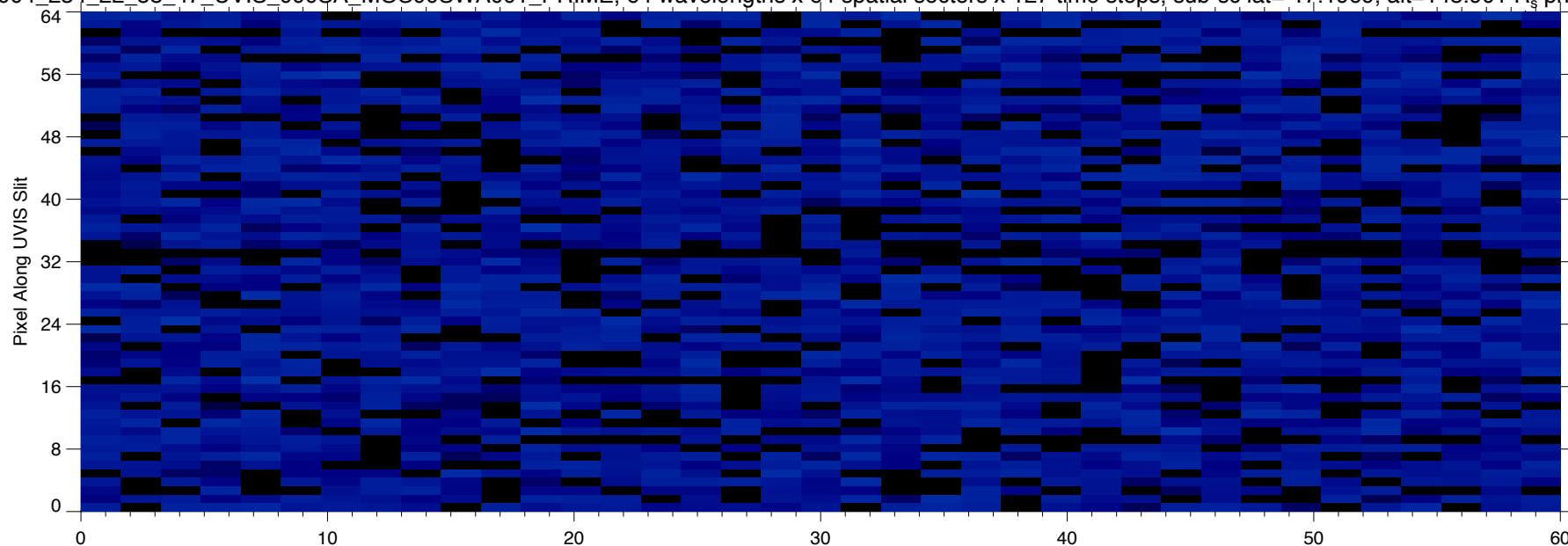
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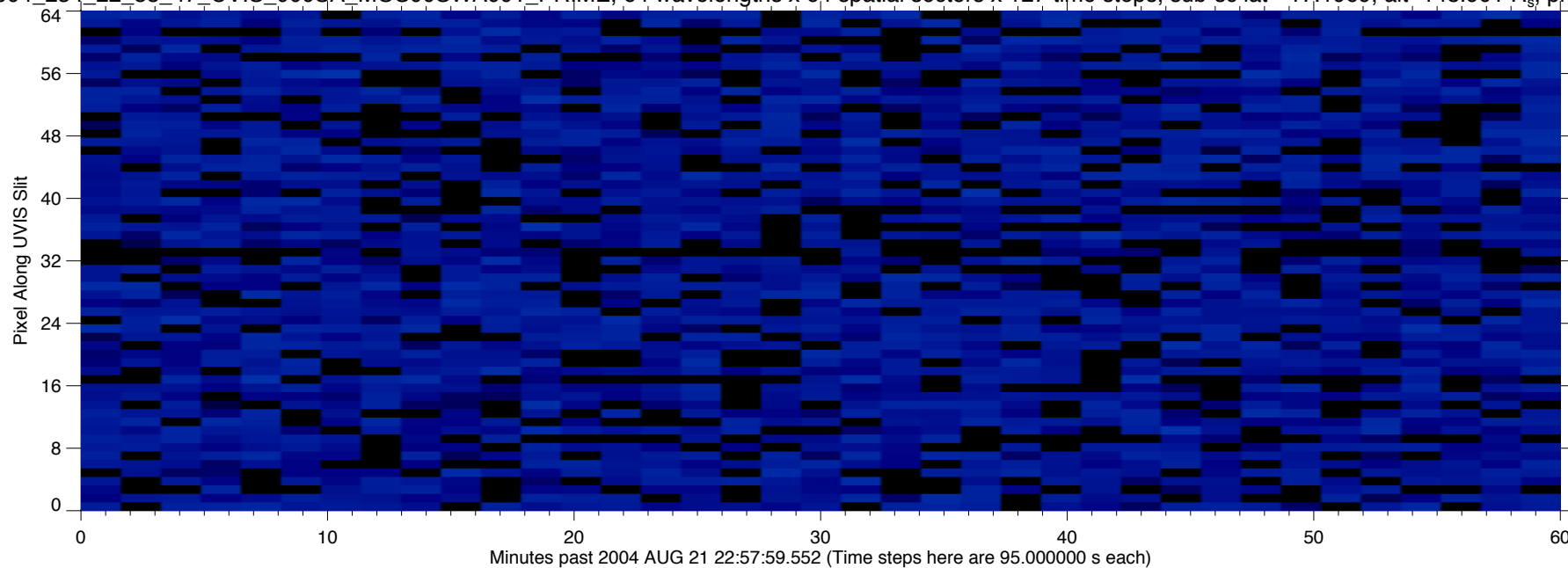
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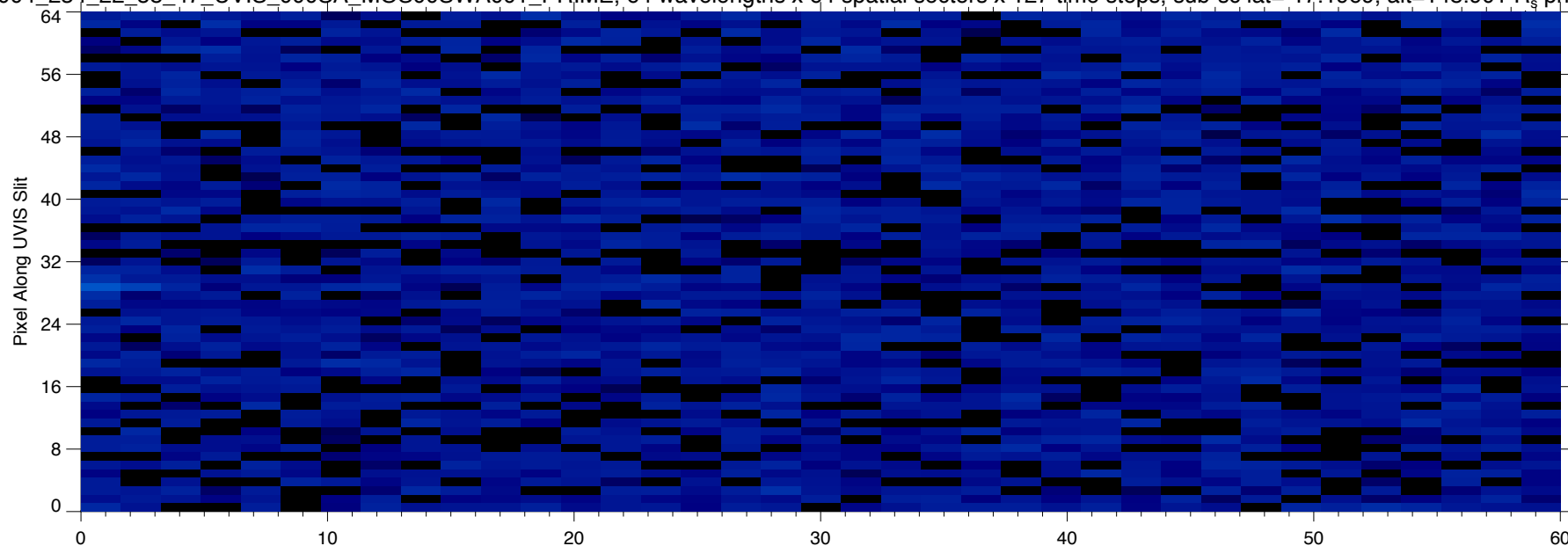
FUV2004_234_22_58_47_UVIS_000SA_MOS00SWA001_PRIME, 64 wavelengths x 64 spatial sectors x 127 time steps, sub-sc lat=-17.1969, alt=148.901 R_s, phase=87.9915



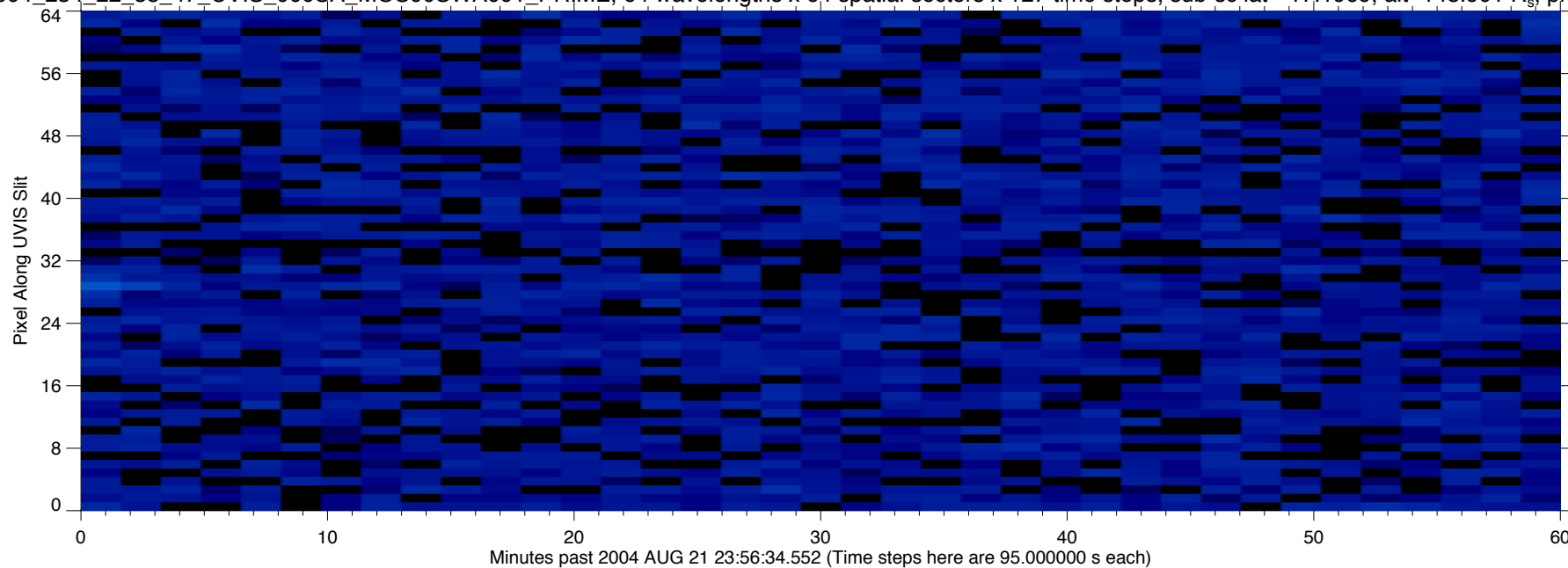
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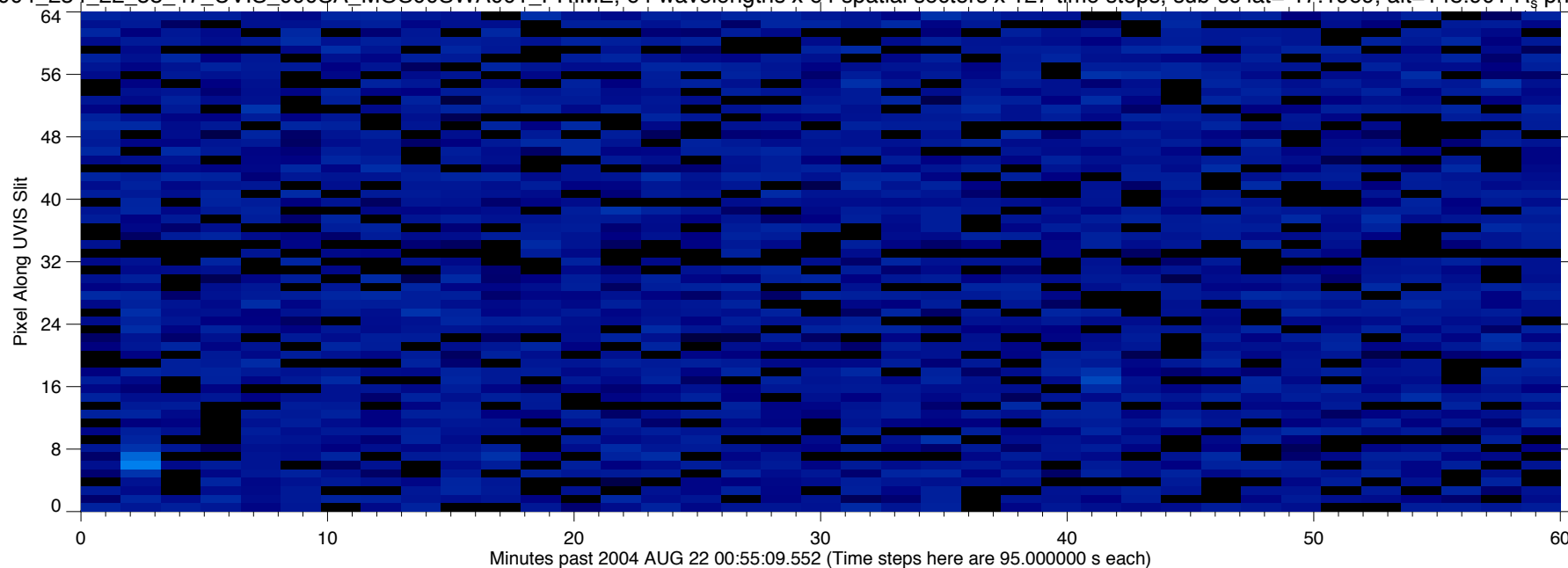
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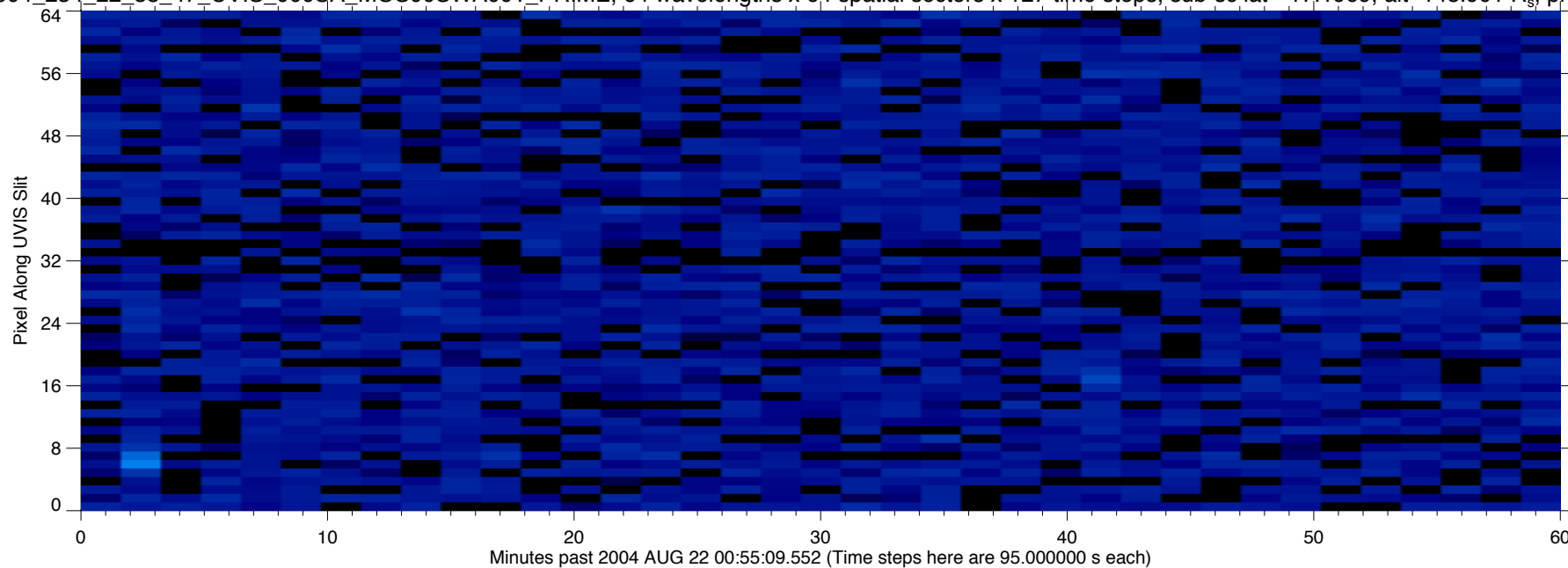
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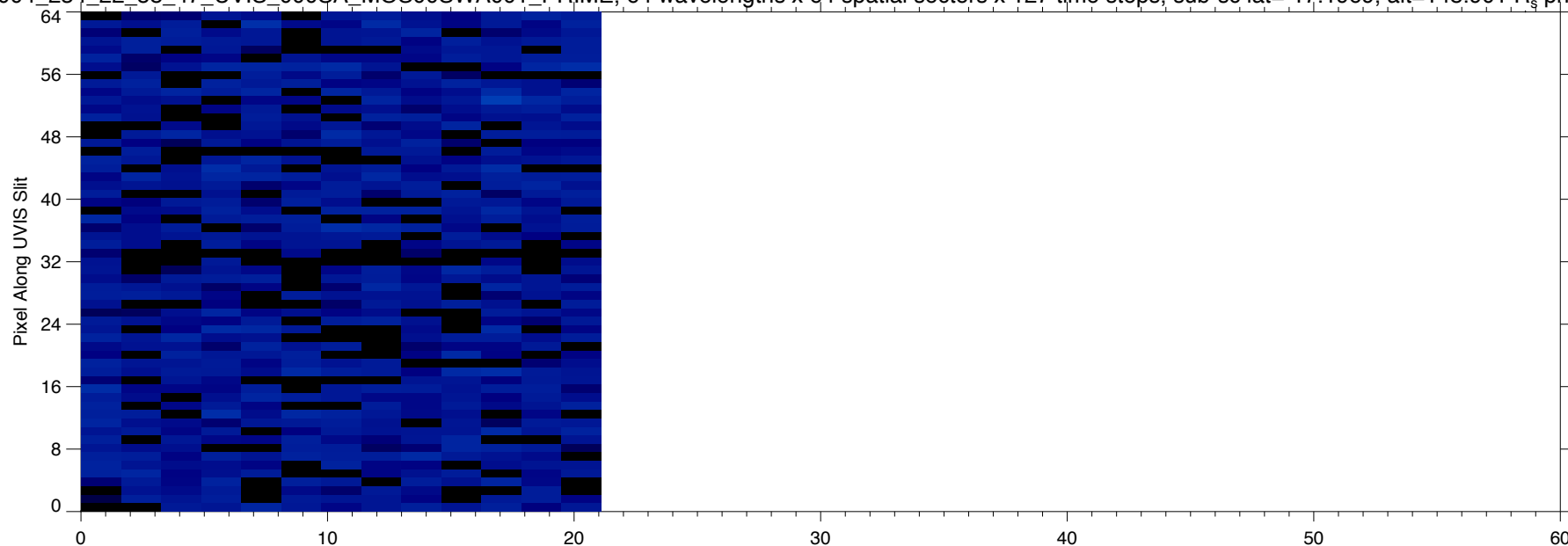
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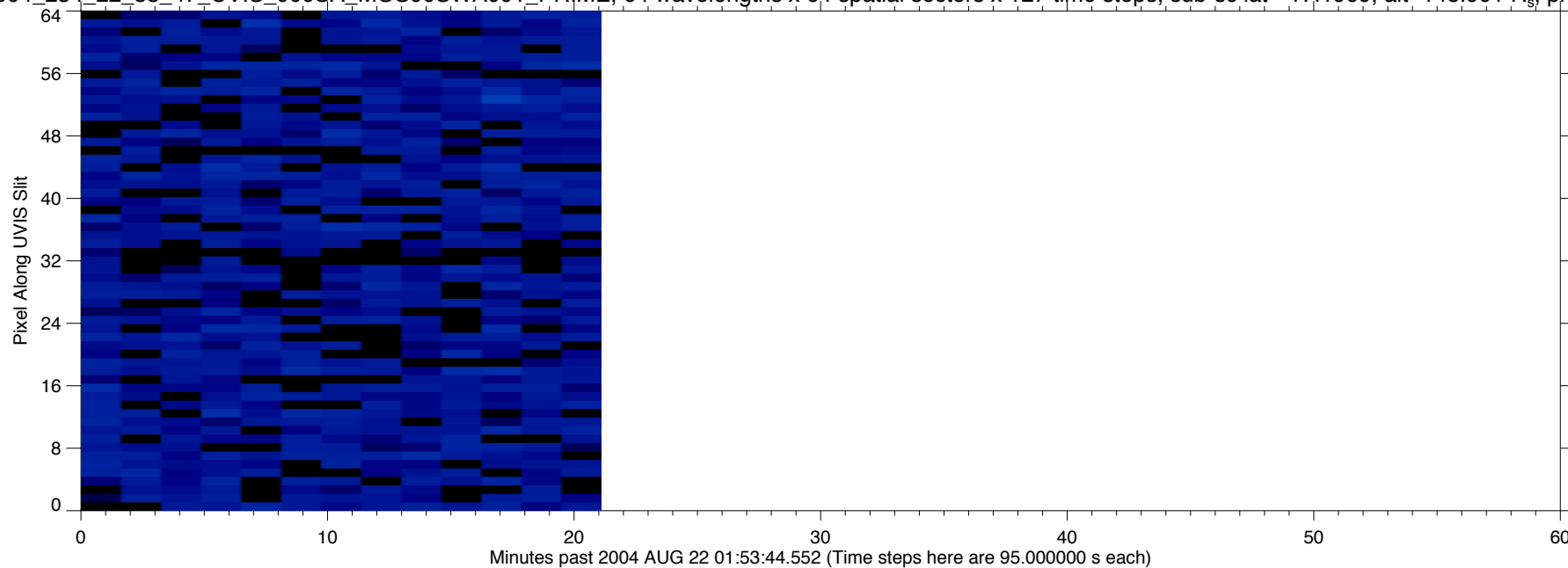
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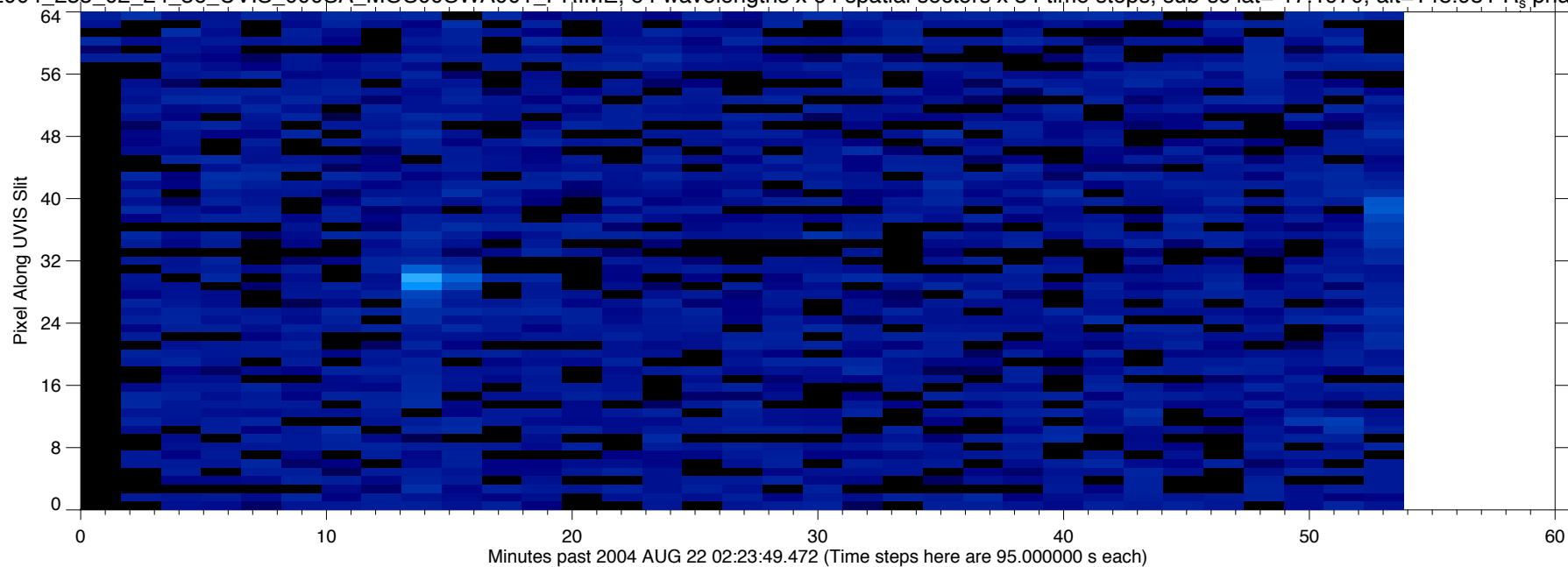
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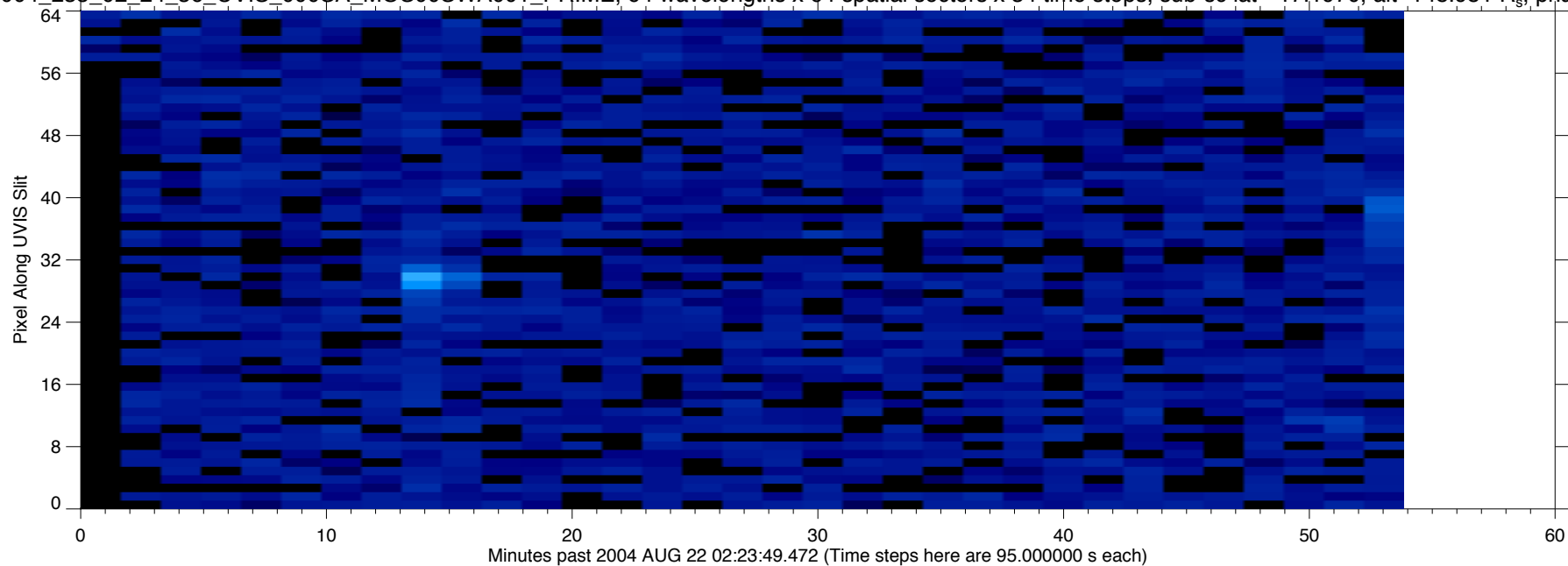
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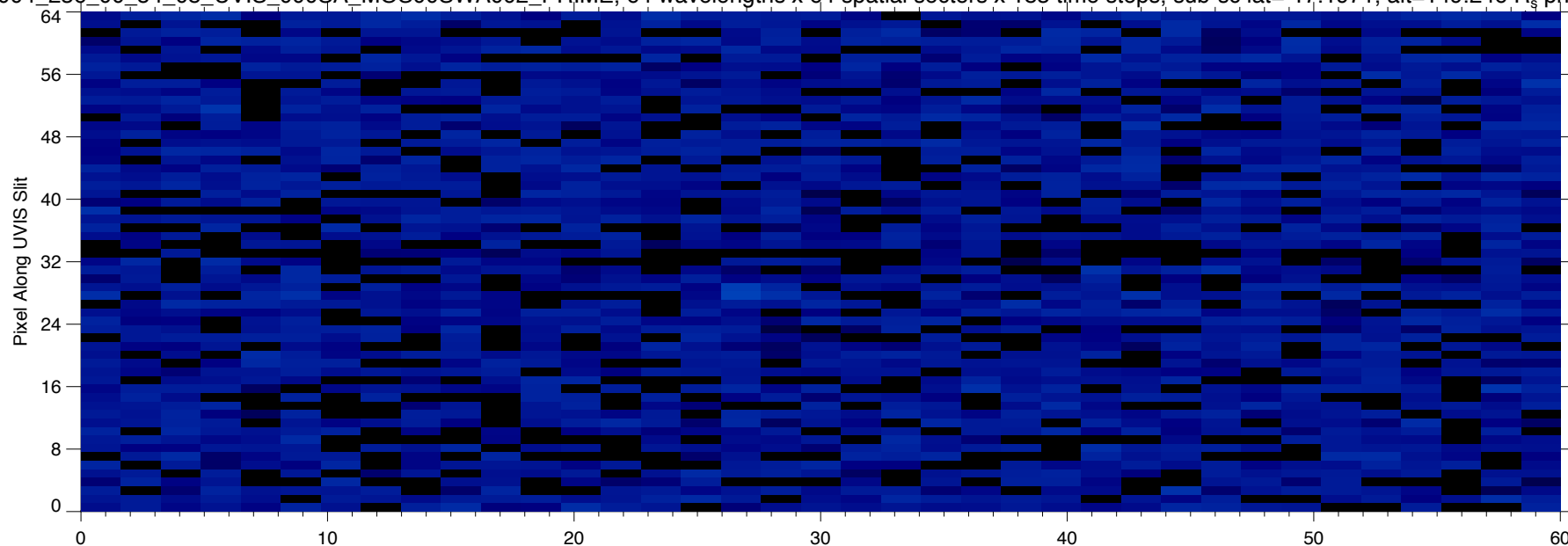
FUV2004_235_02_24_36_UVIS_000SA_MOS00SWA001_PRIME, 64 wavelengths x 64 spatial sectors x 34 time steps, sub-sc lat=-17.1970, alt=148.951 R_s, phase=87.9773



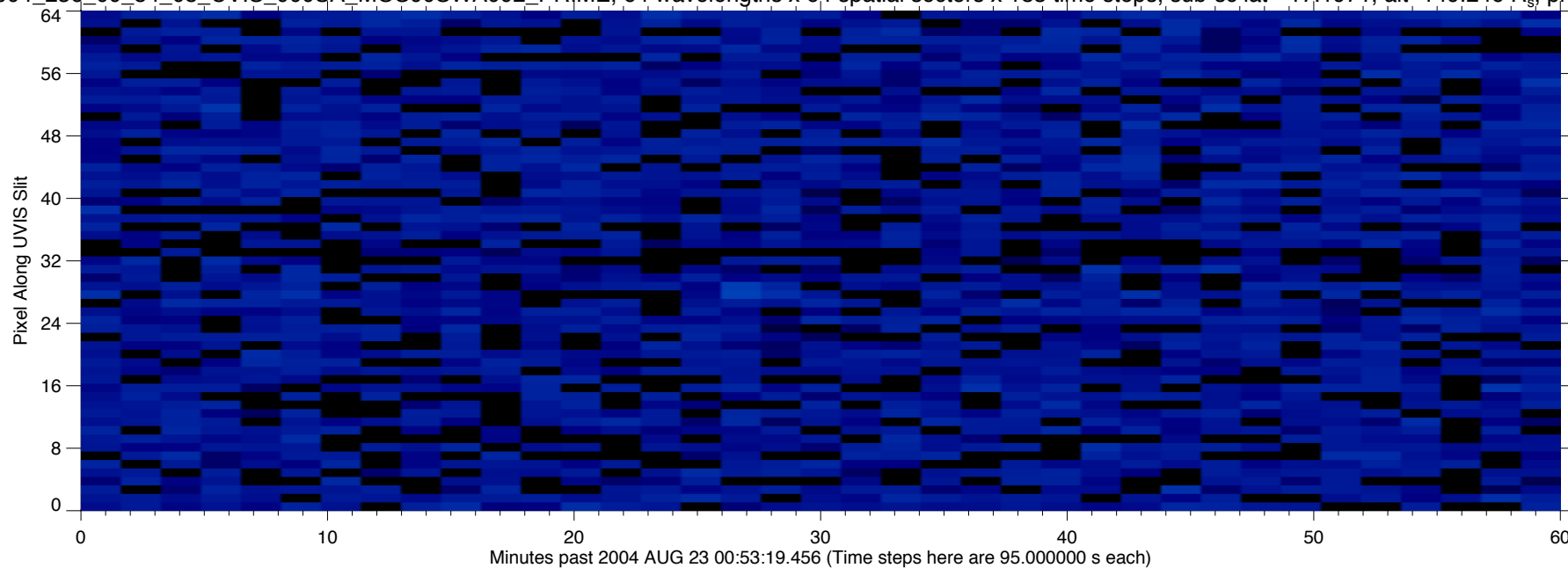
FUV2004_235_02_24_36_UVIS_000SA_MOS00SWA001_PRIME, 64 wavelengths x 64 spatial sectors x 34 time steps, sub-sc lat=-17.1970, alt=148.951 R_s, phase=87.9773



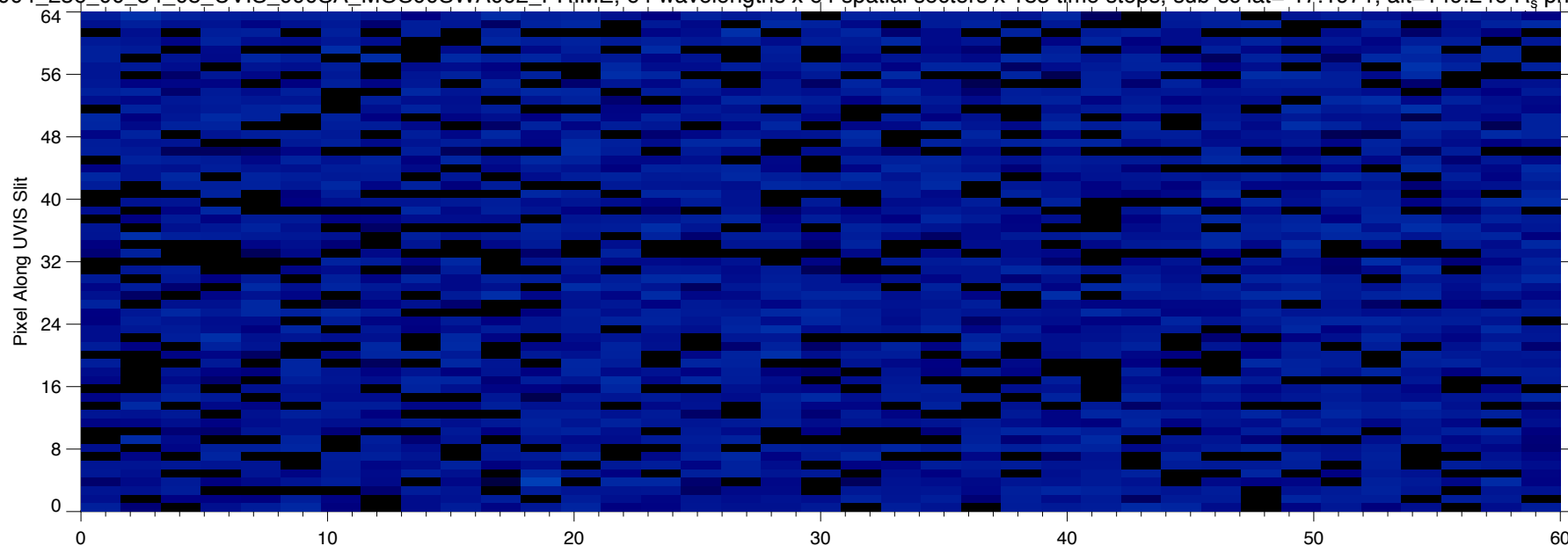
FUV2004_236_00_54_08_UVIS_000SA_MOS00SWA002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1971, alt=149.246 R_s, phase=87.8850



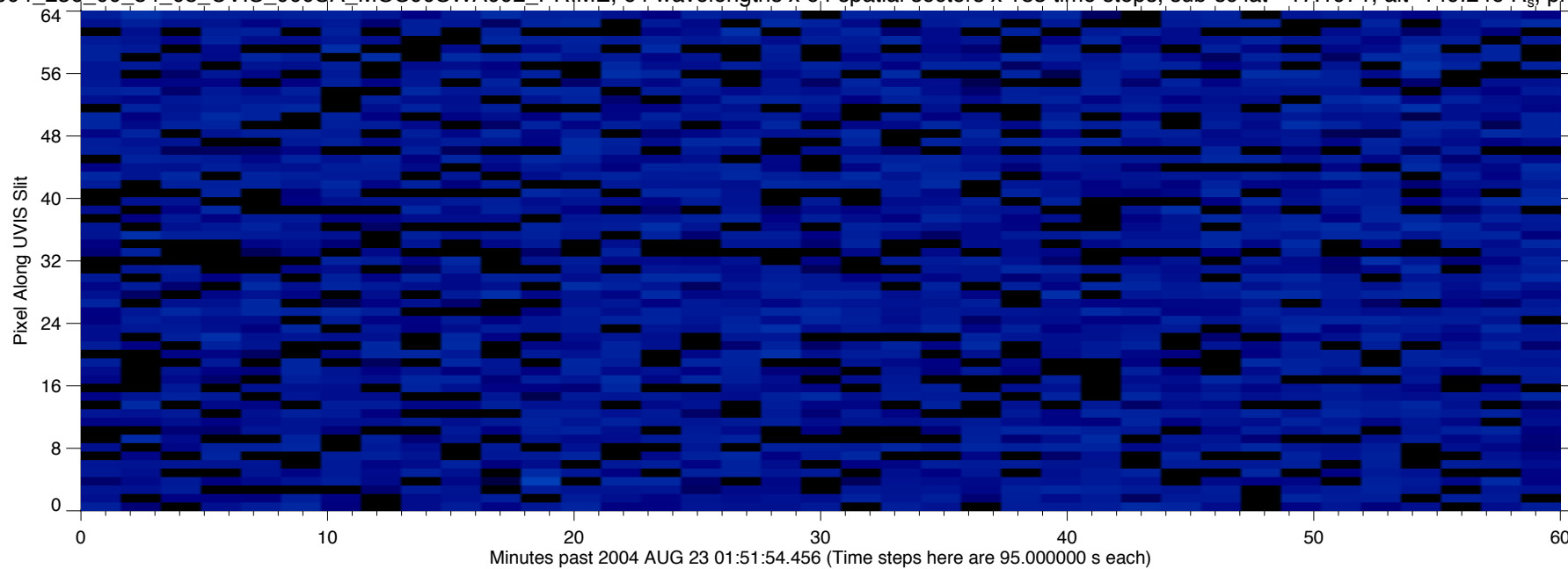
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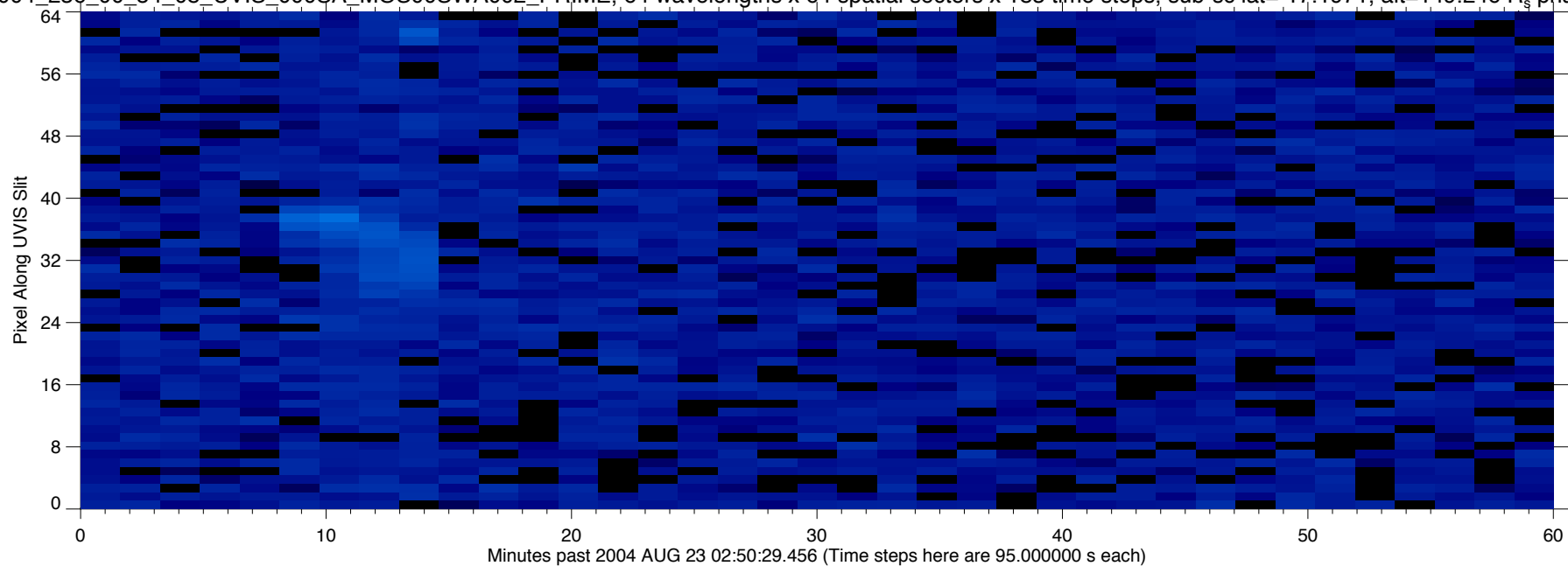
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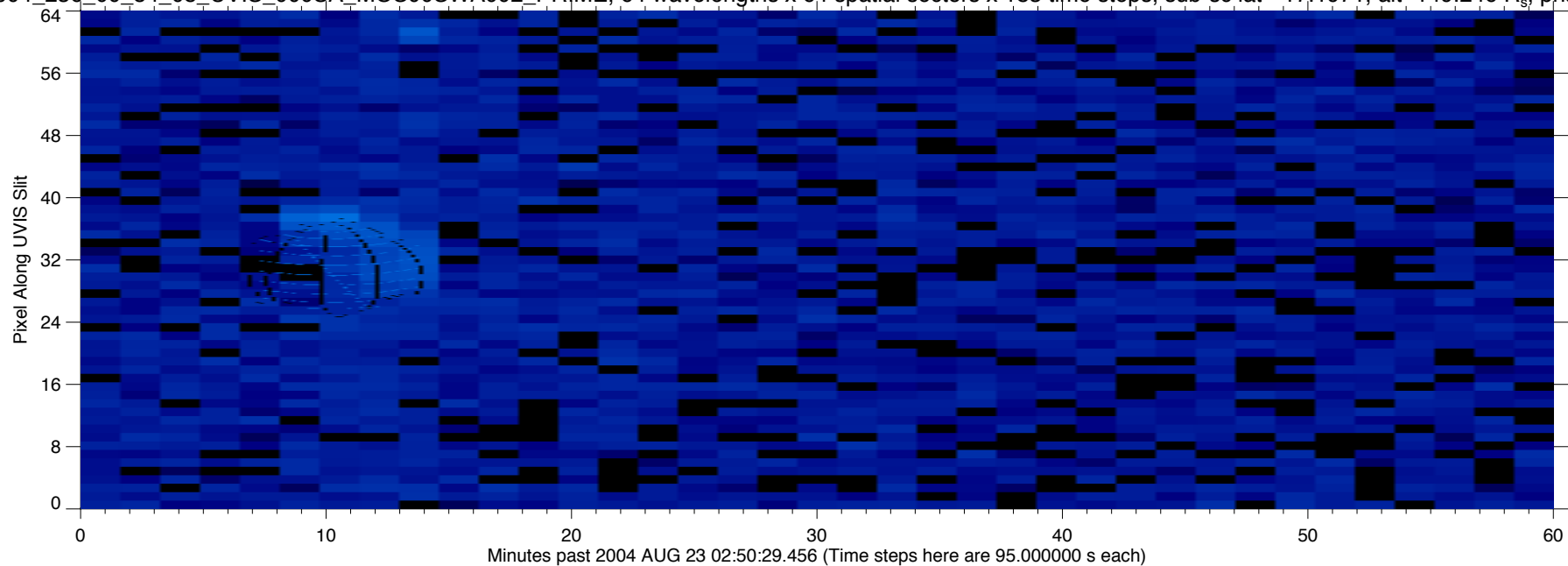
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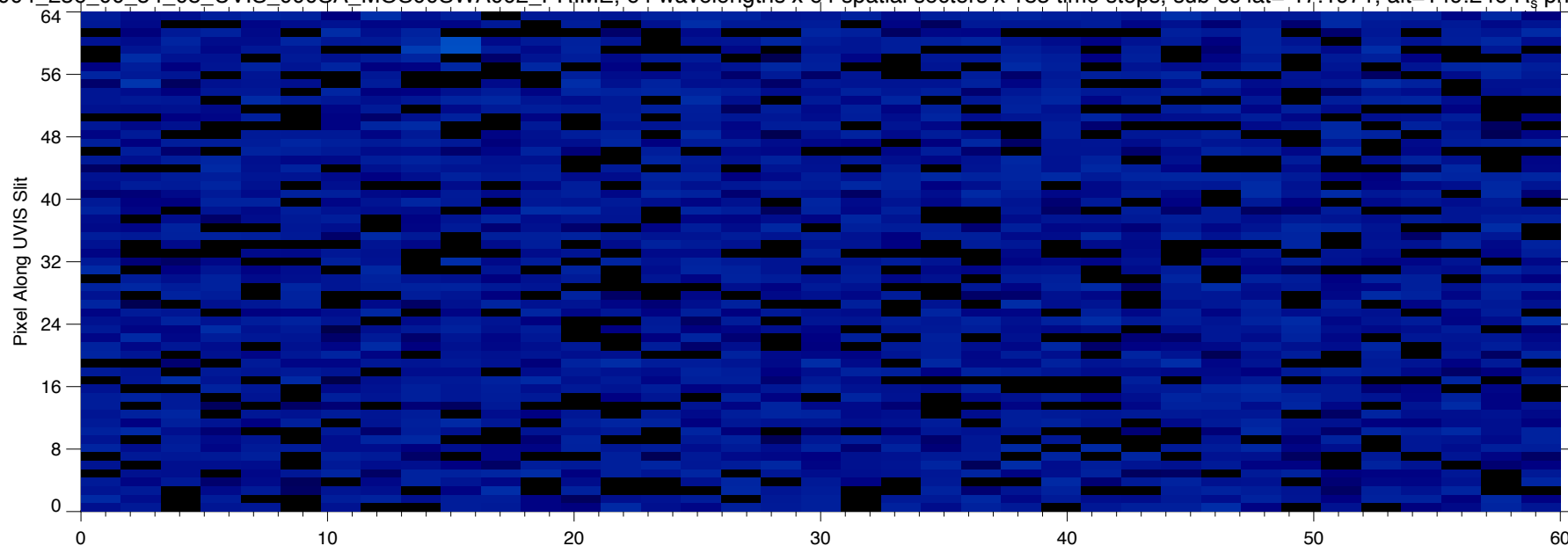
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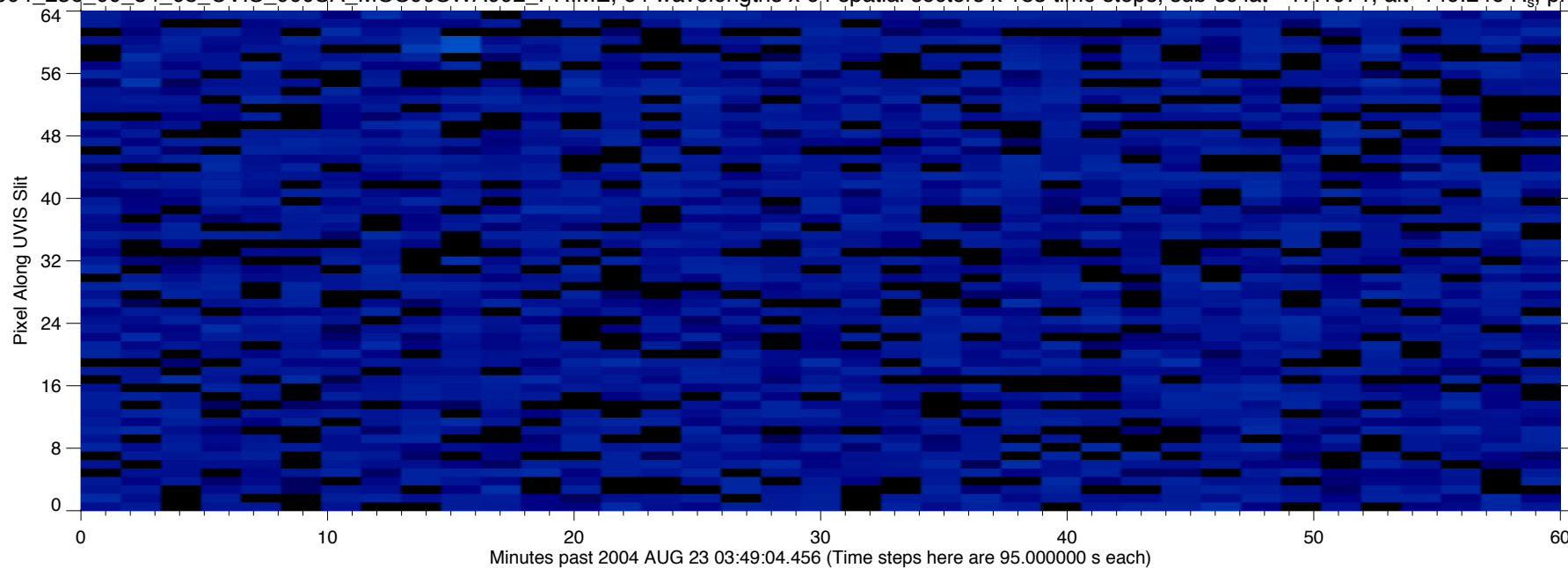
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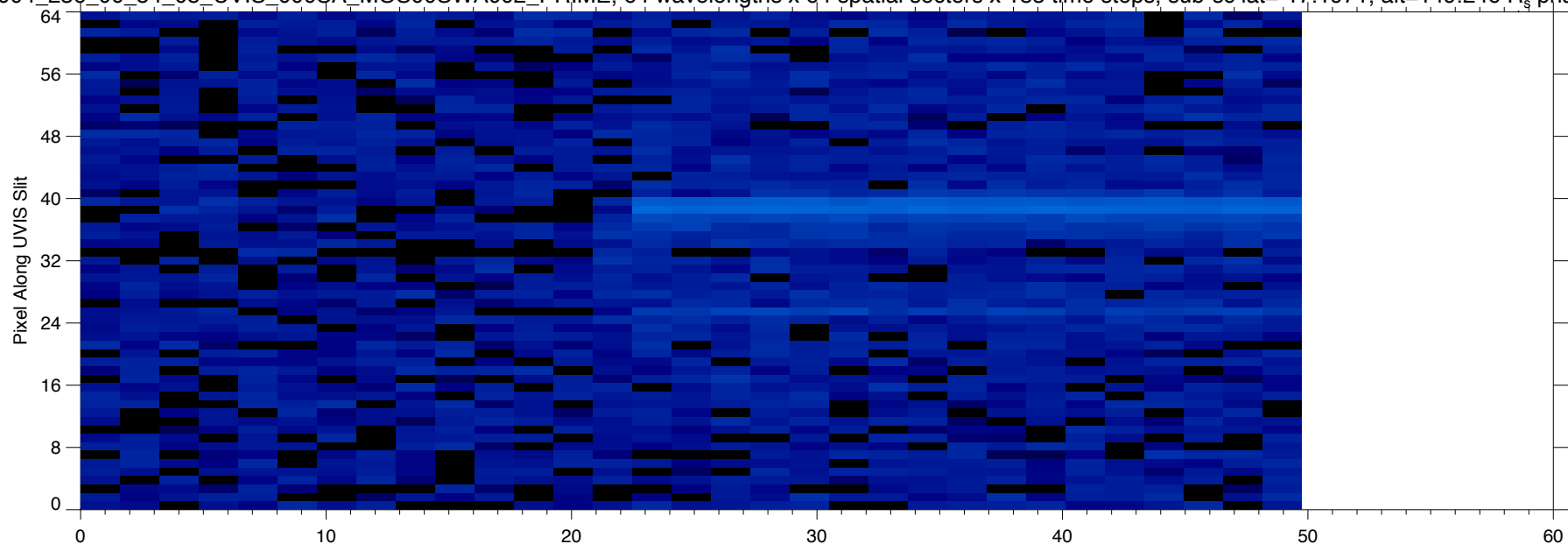
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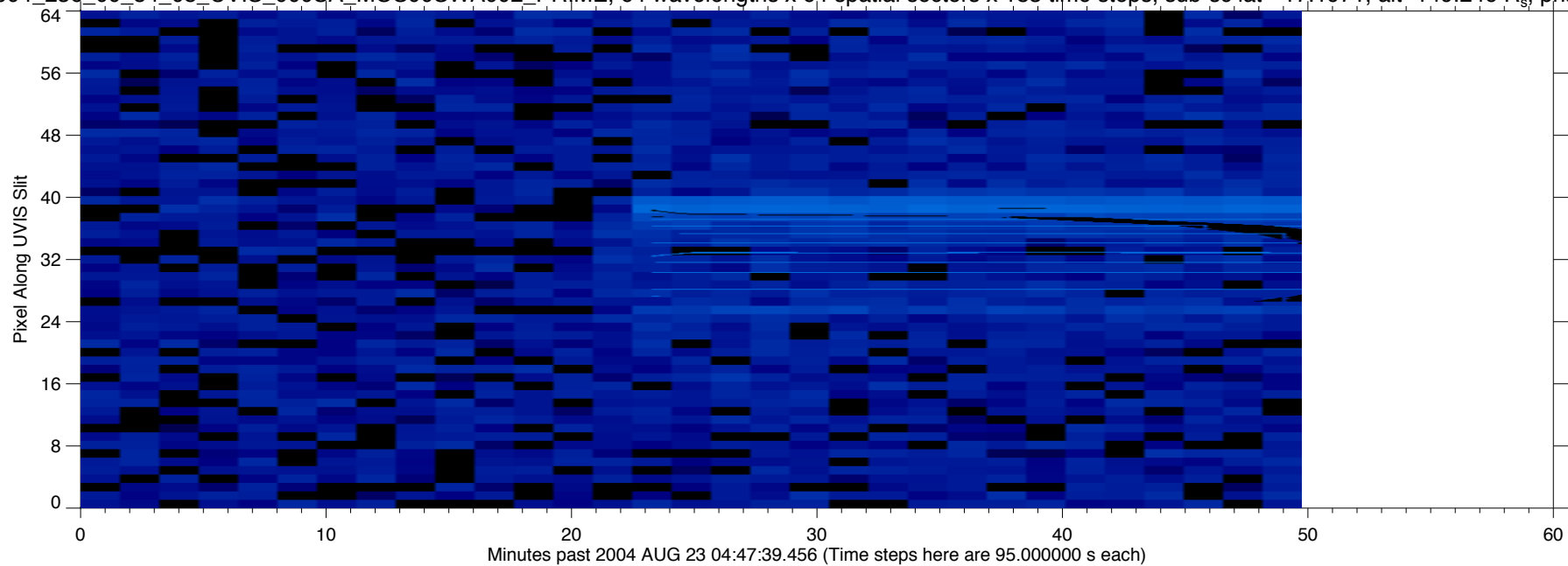
FUV2004_236_00_54_08_UVIS_000SA_MOS00SWA002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1971, alt=149.246 R_s, phase=87.8850



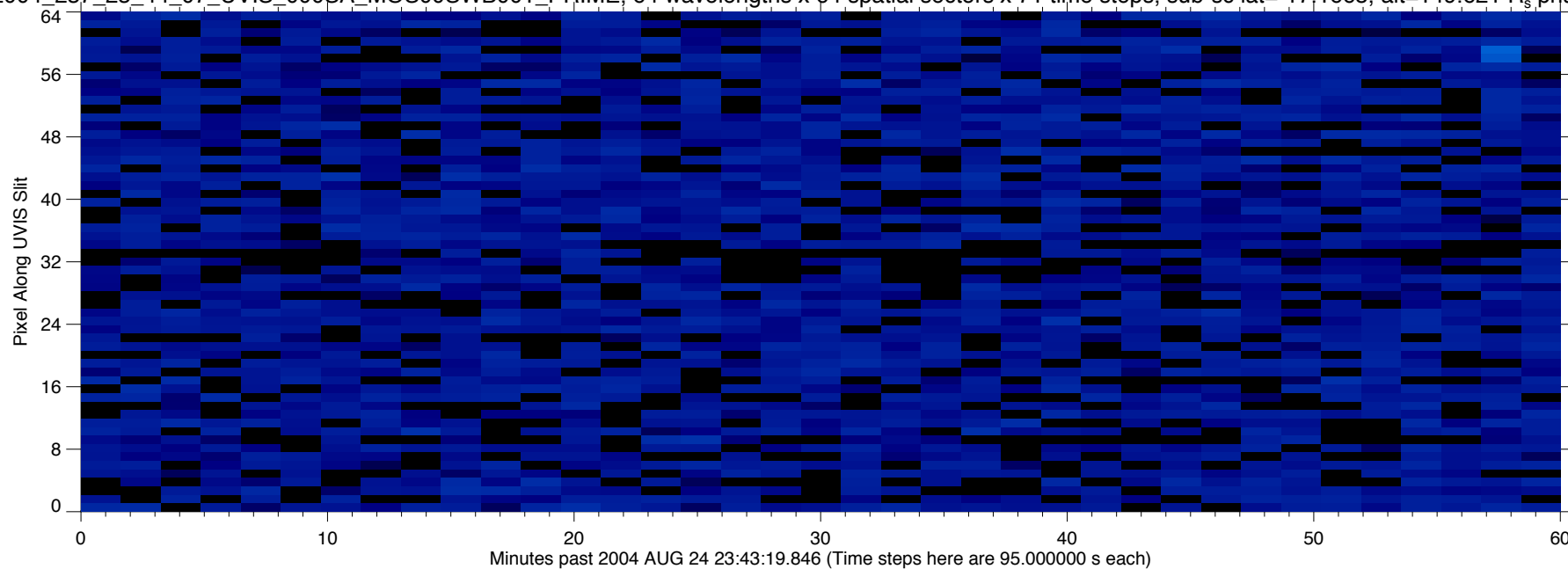
FUV2004_236_00_54_08_UVIS_000SA_MOS00SWA002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1971, alt=149.246 R_s, phase=87.8850



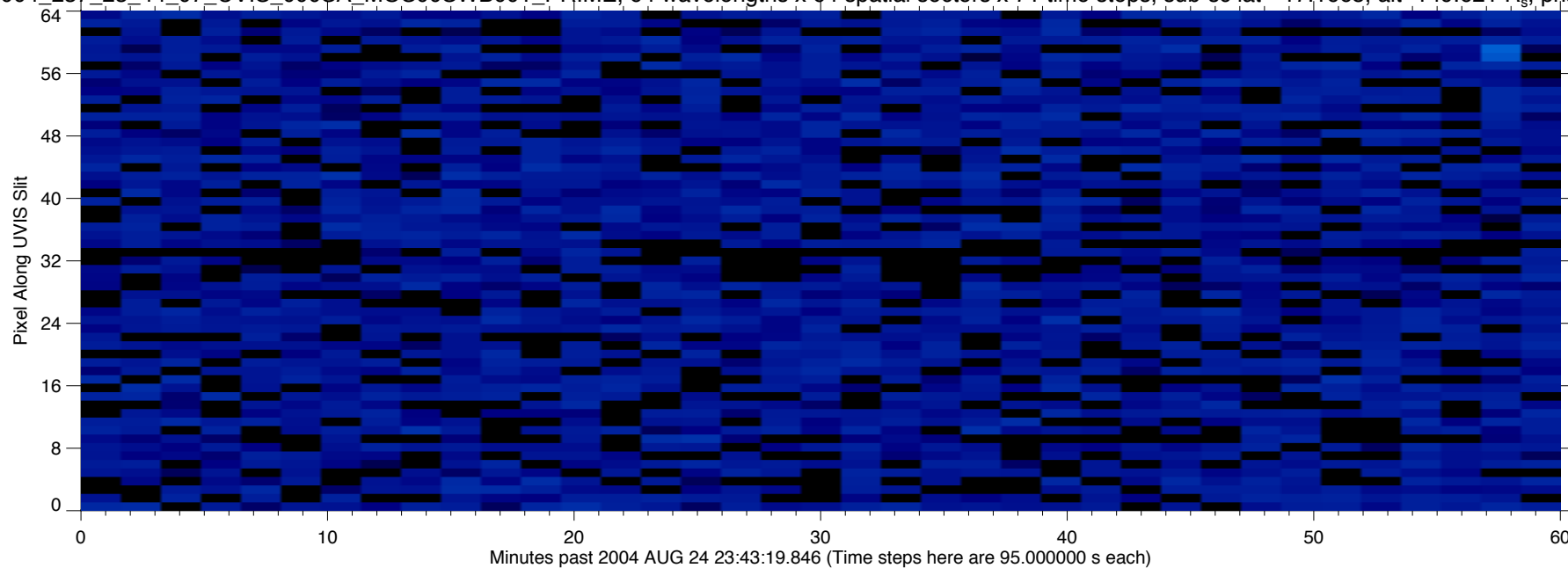
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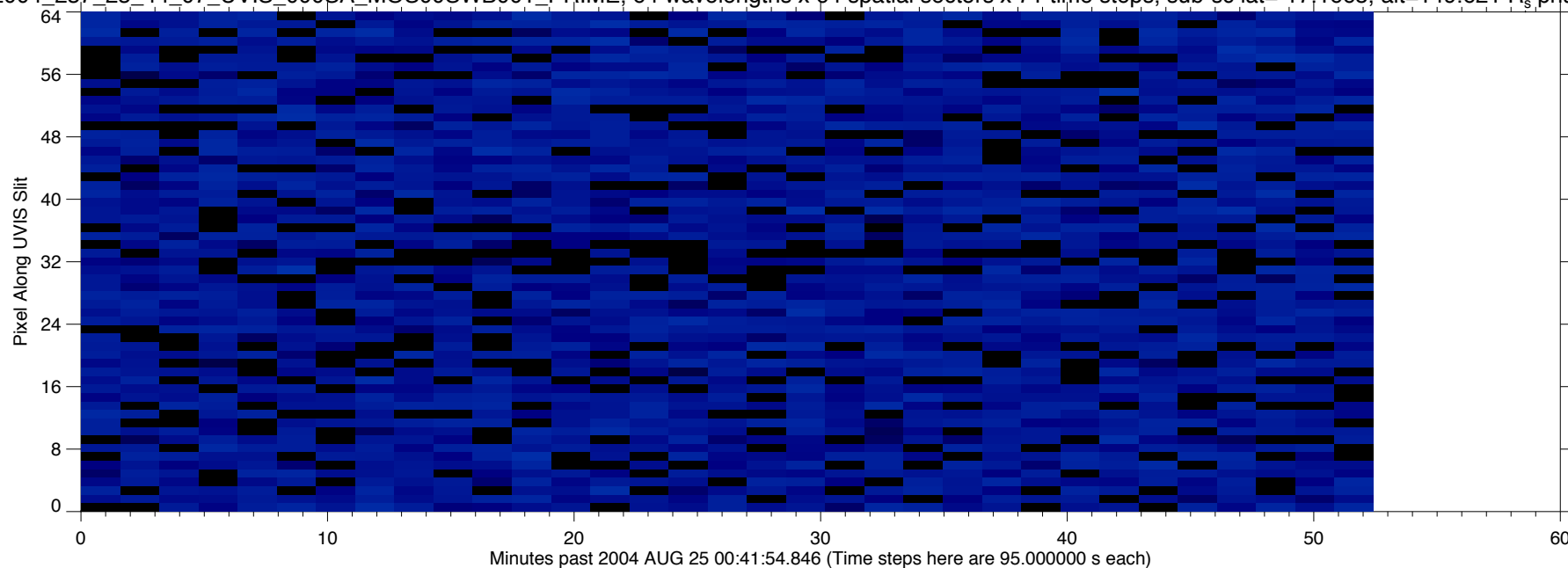
FUV2004_237_23_44_07_UVIS_000SA_MOS00SWB001_PRIME, 64 wavelengths x 64 spatial sectors x 71 time steps, sub-sc lat=-17.1665, alt=149.621 R_s, phase=87.4556



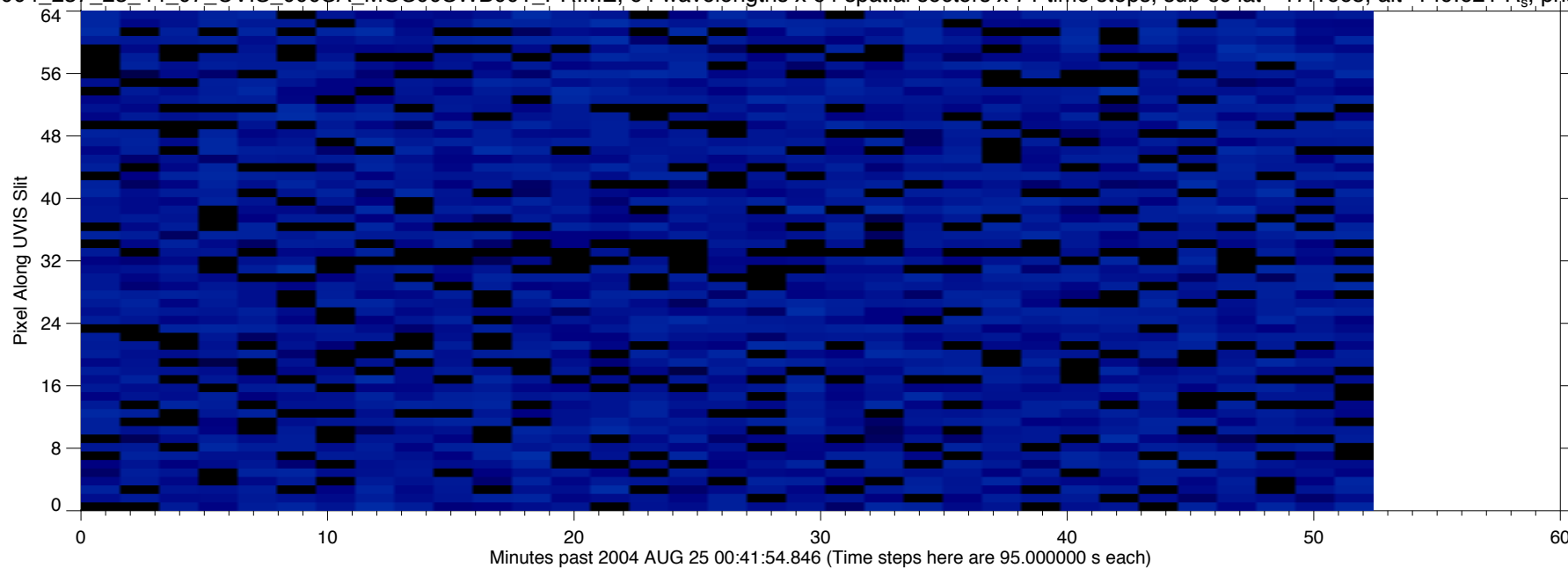
FUV2004_237_23_44_07_UVIS_000SA_MOS00SWB001_PRIME, 64 wavelengths x 64 spatial sectors x 71 time steps, sub-sc lat=-17.1665, alt=149.621 R_s, phase=87.4556



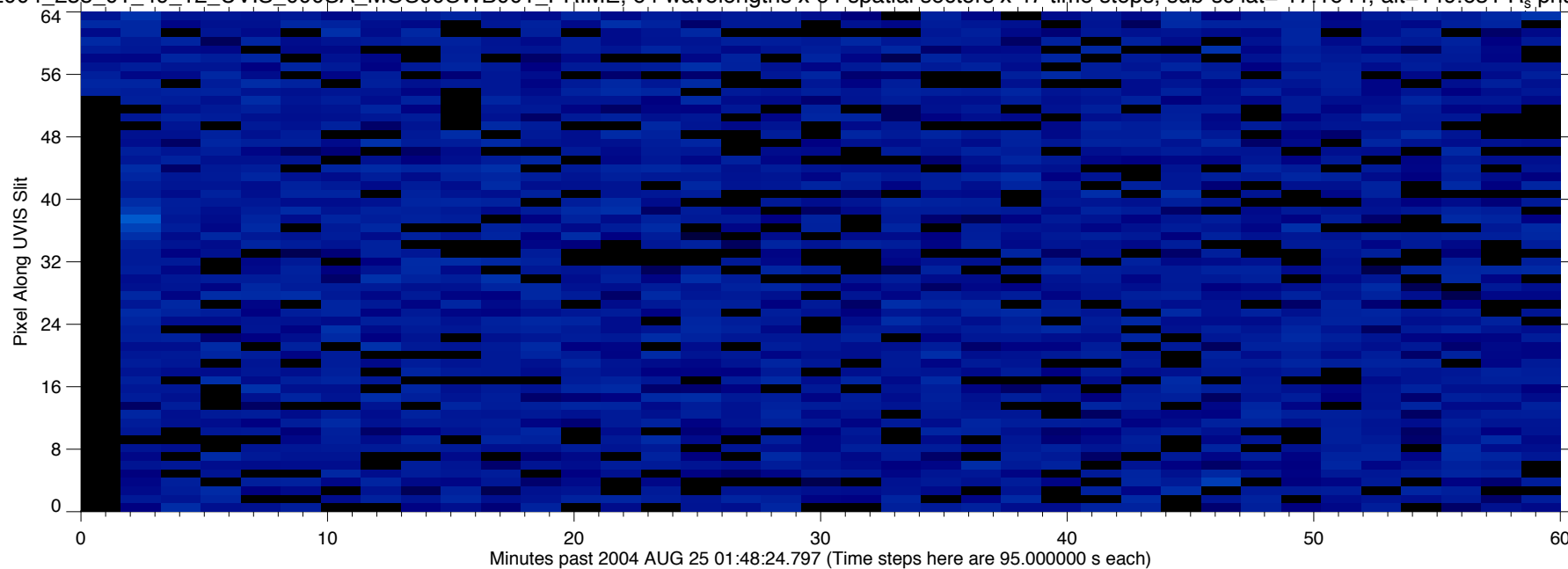
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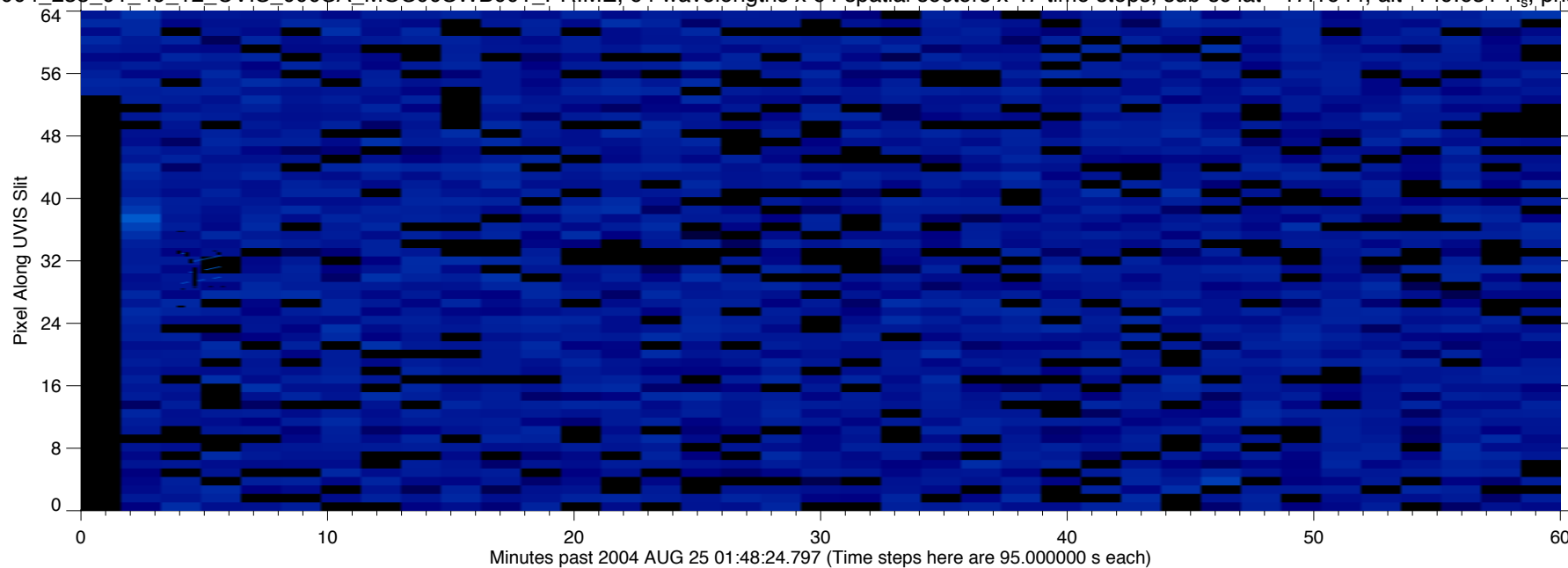
FUV2004_237_23_44_07_UVIS_000SA_MOS00SWB001_PRIME, 64 wavelengths x 64 spatial sectors x 71 time steps, sub-sc lat=-17.1665, alt=149.621 R_s, phase=87.4556



FUV2004_238_01_49_12_UVIS_000SA_MOS00SWB001_PRIME, 64 wavelengths x 64 spatial sectors x 47 time steps, sub-sc lat=-17.1644, alt=149.631 R_s, phase=87.4314



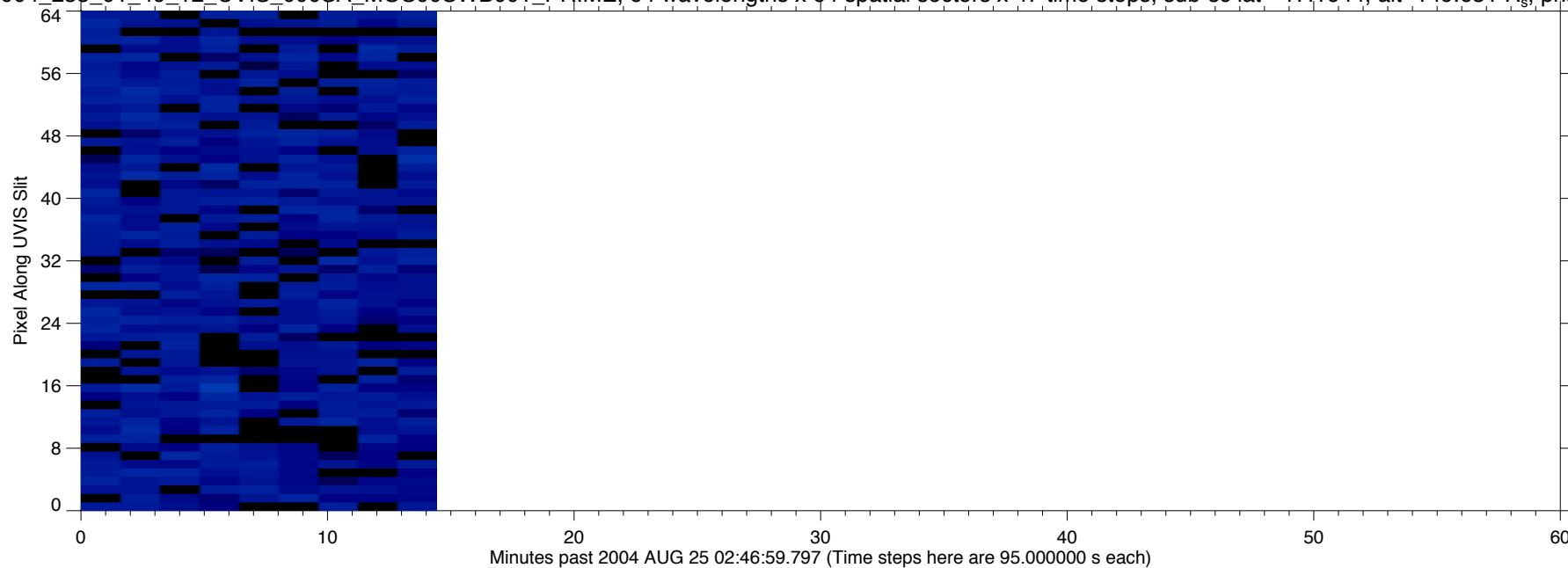
FUV2004_238_01_49_12_UVIS_000SA_MOS00SWB001_PRIME, 64 wavelengths x 64 spatial sectors x 47 time steps, sub-sc lat=-17.1644, alt=149.631 R_s, phase=87.4314



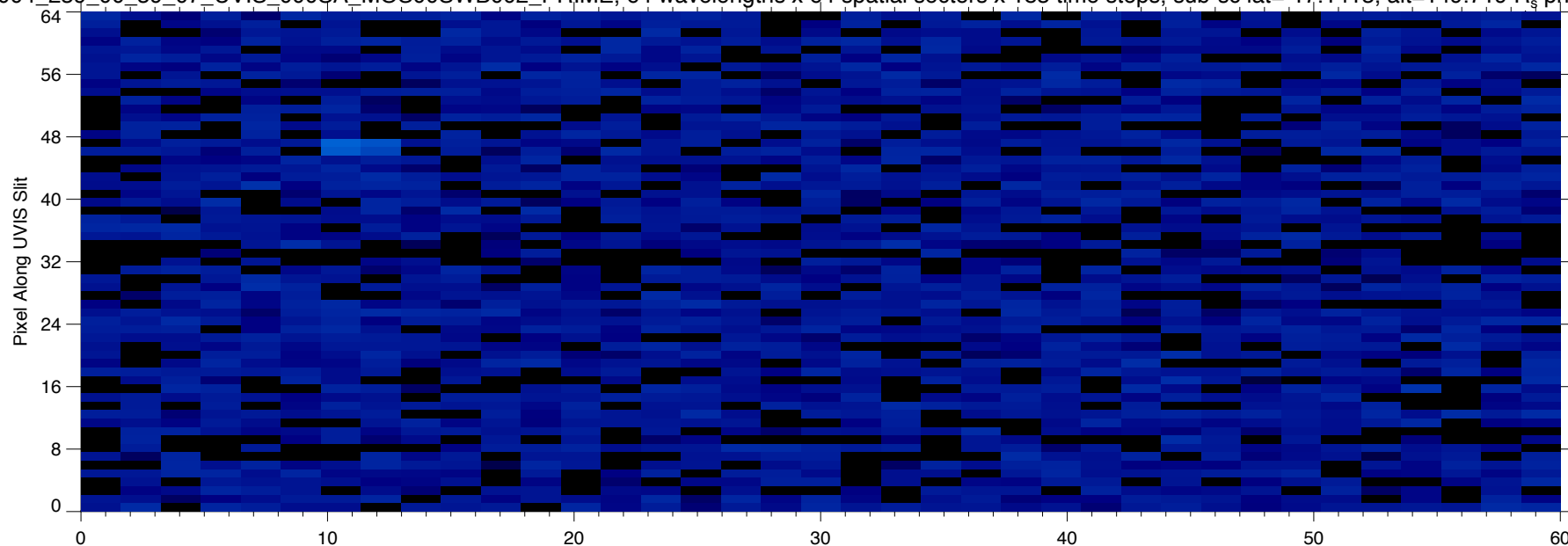
FUV2004_238_01_49_12_UVIS_000SA_MOS00SWB001_PRIME, 64 wavelengths x 64 spatial sectors x 47 time steps, sub-sc lat=-17.1644, alt=149.631 R_s, phase=87.4314



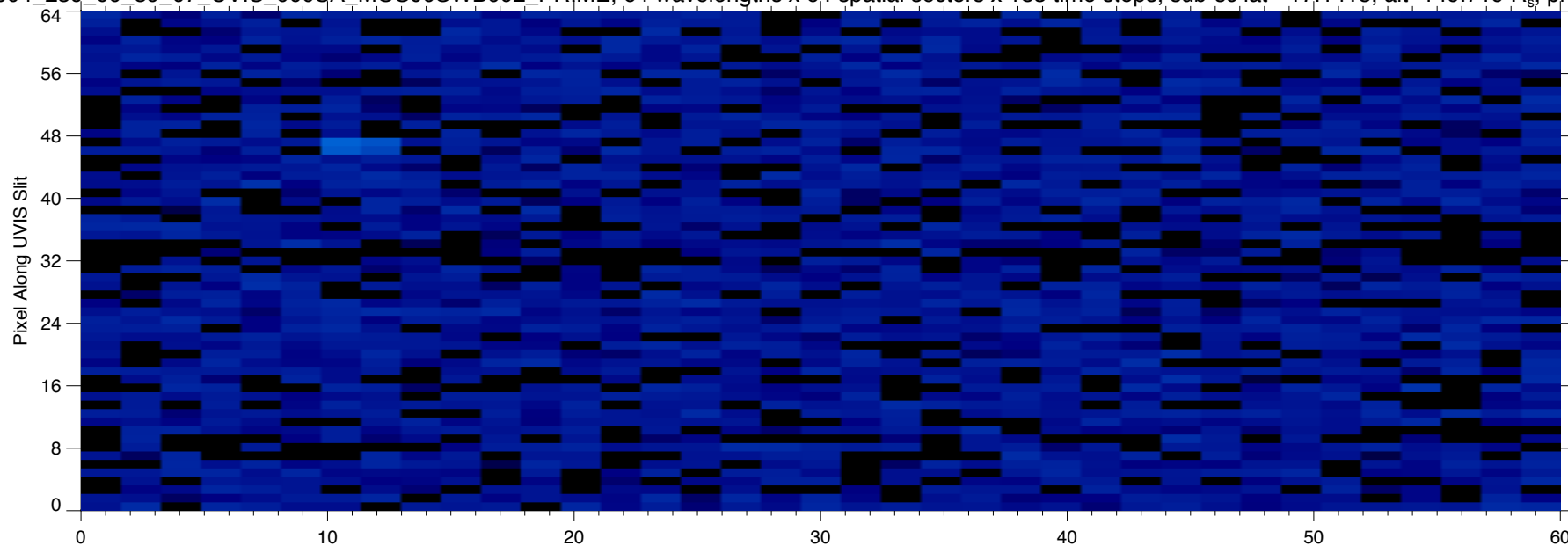
FUV2004_238_01_49_12_UVIS_000SA_MOS00SWB001_PRIME, 64 wavelengths x 64 spatial sectors x 47 time steps, sub-sc lat=-17.1644, alt=149.631 R_s, phase=87.4314



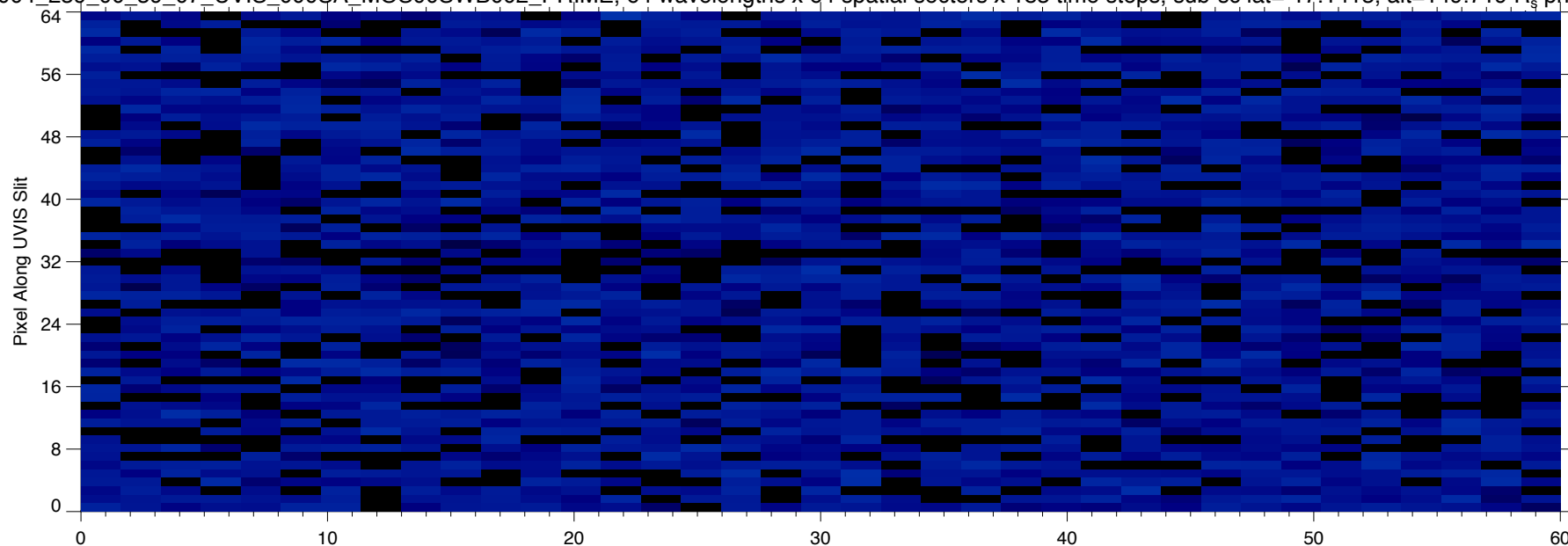
FUV2004_239_00_39_07_UVIS_000SA_MOS00SWB002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.1413, alt=149.719 R_s, phase=87.1659



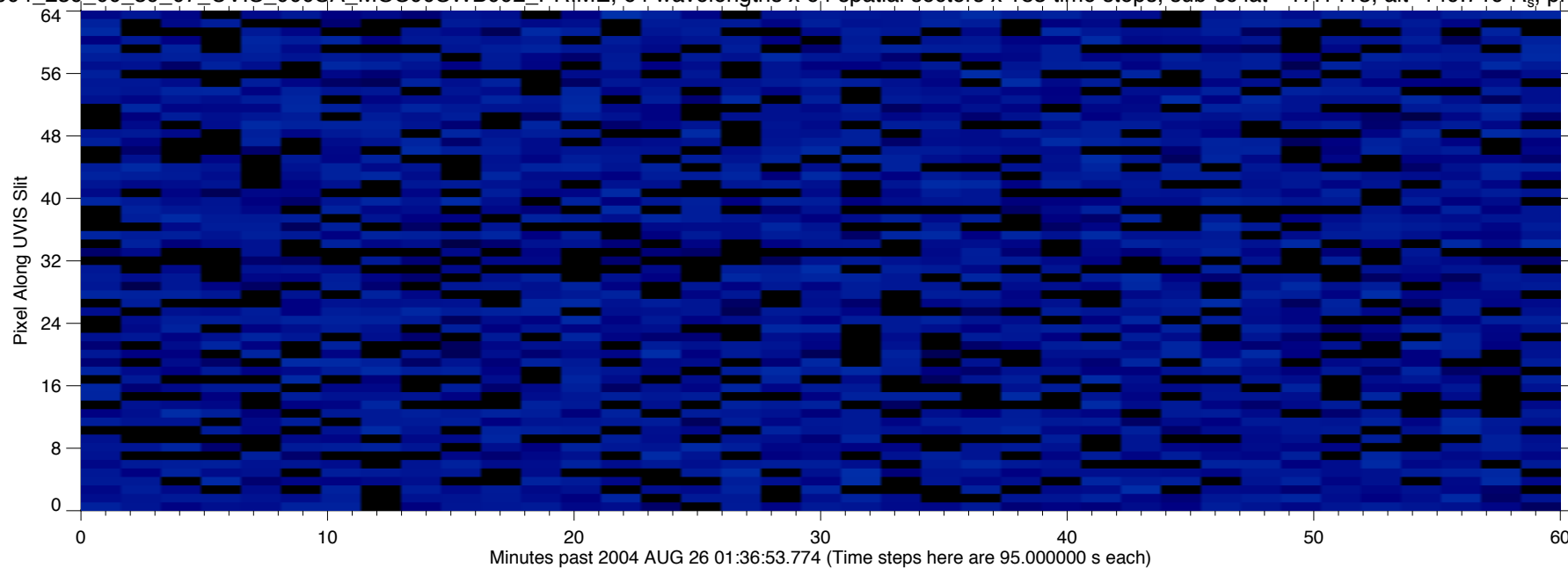
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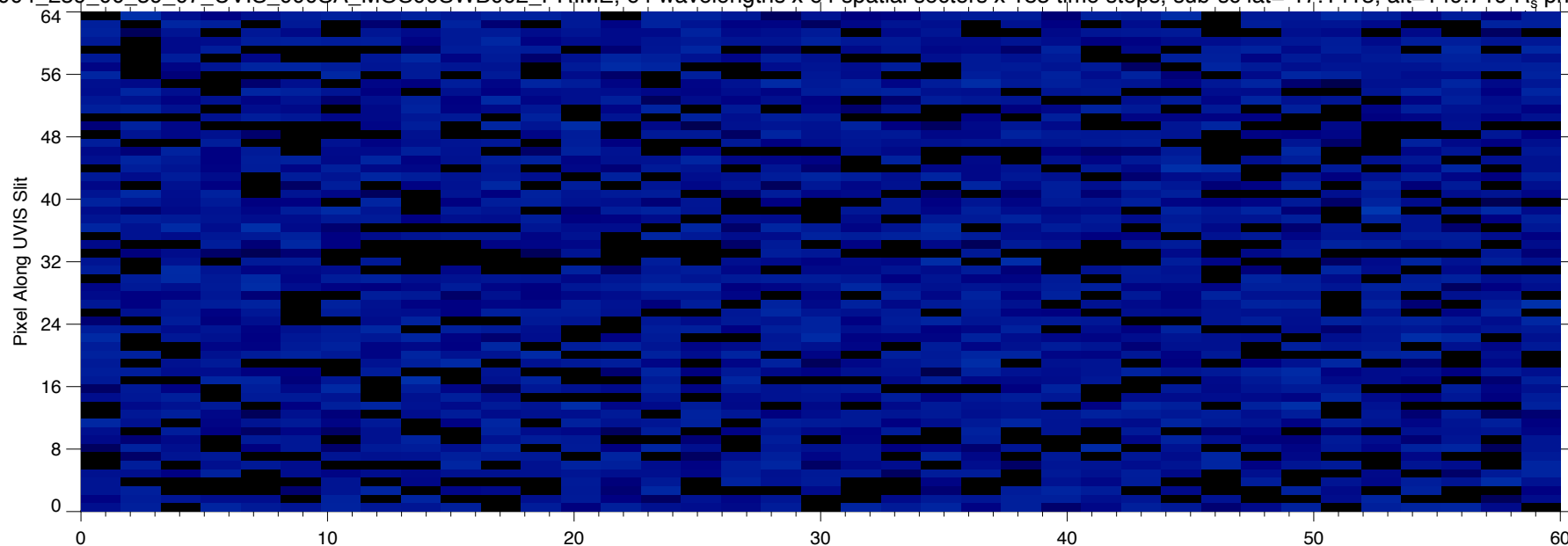
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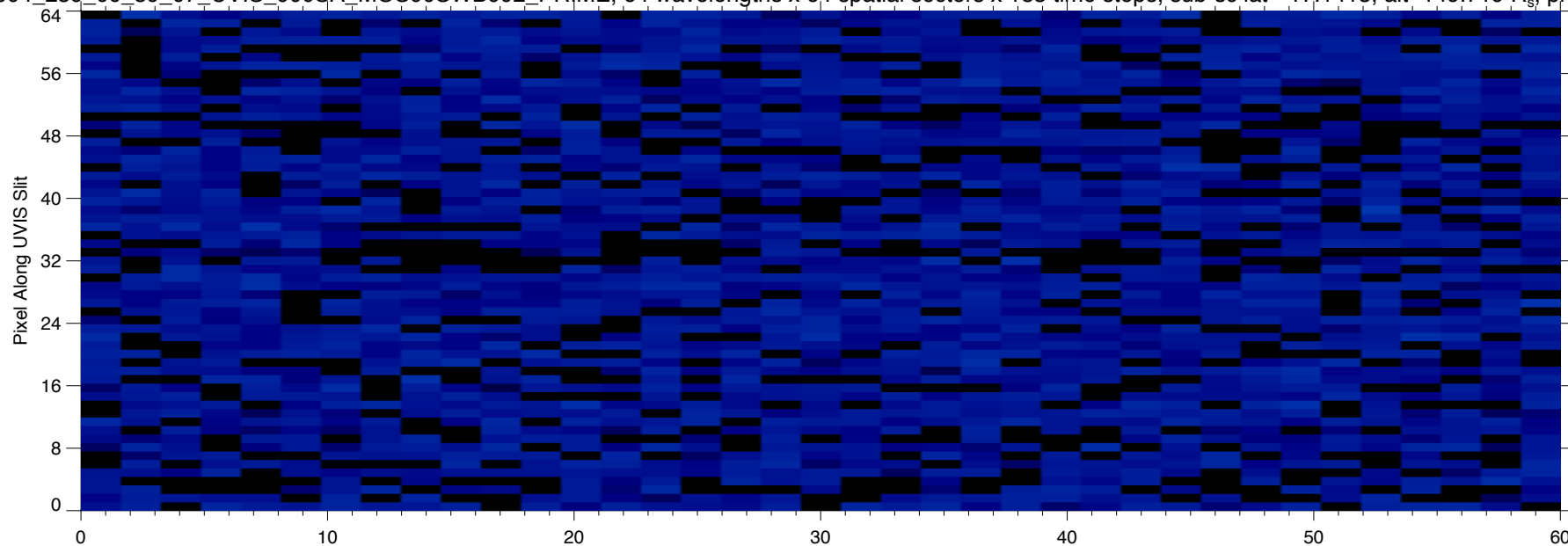
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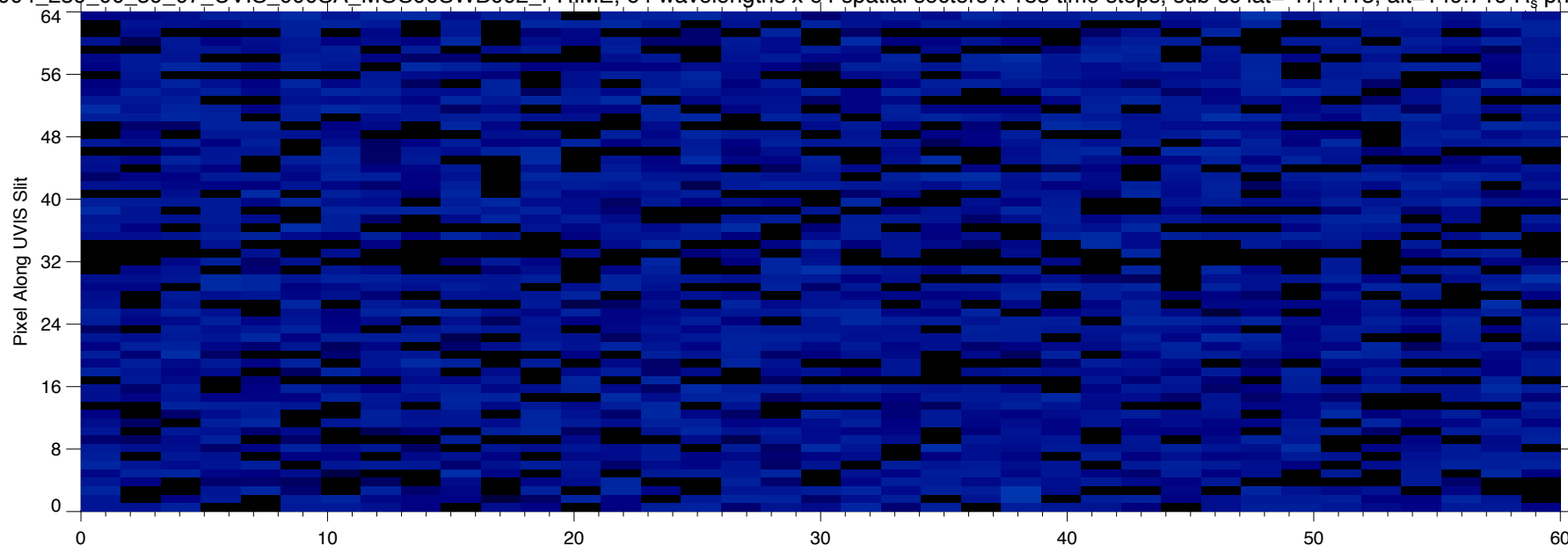
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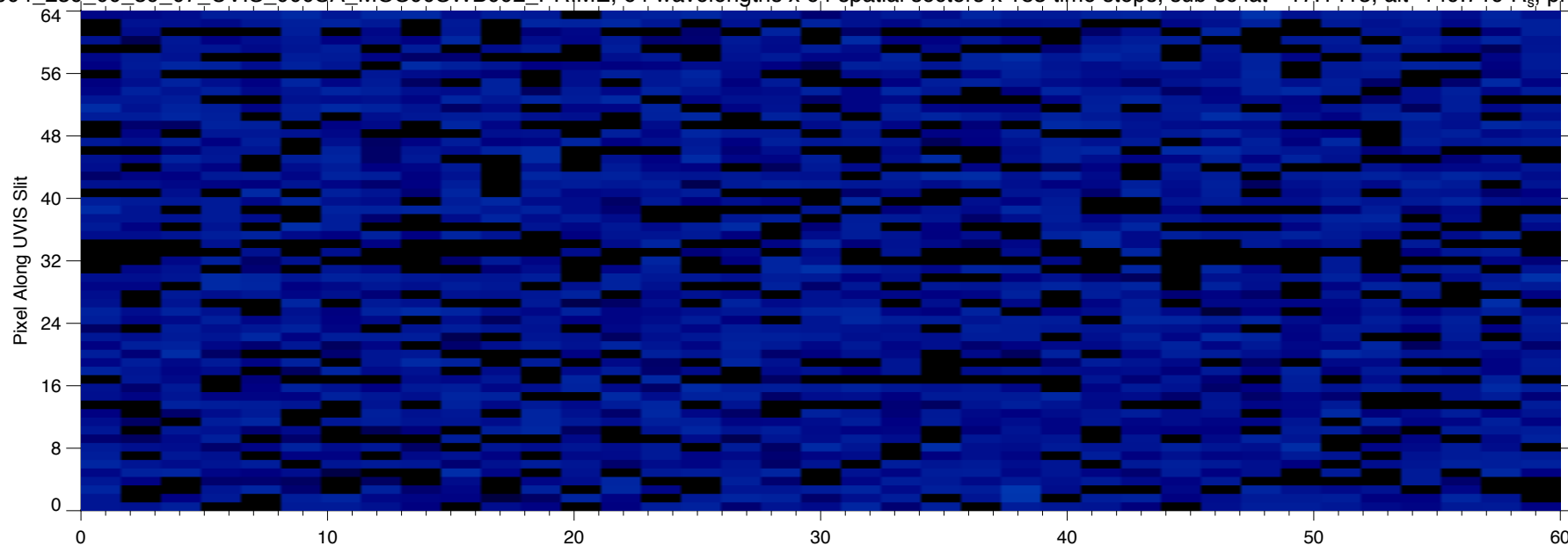
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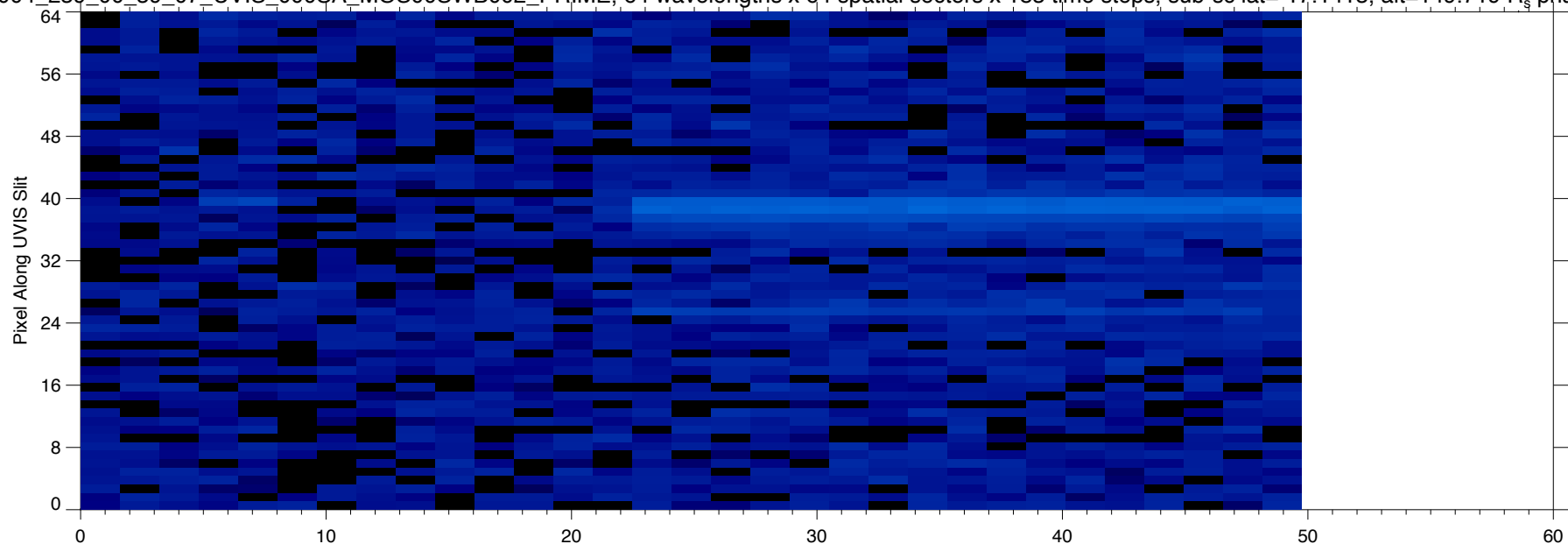
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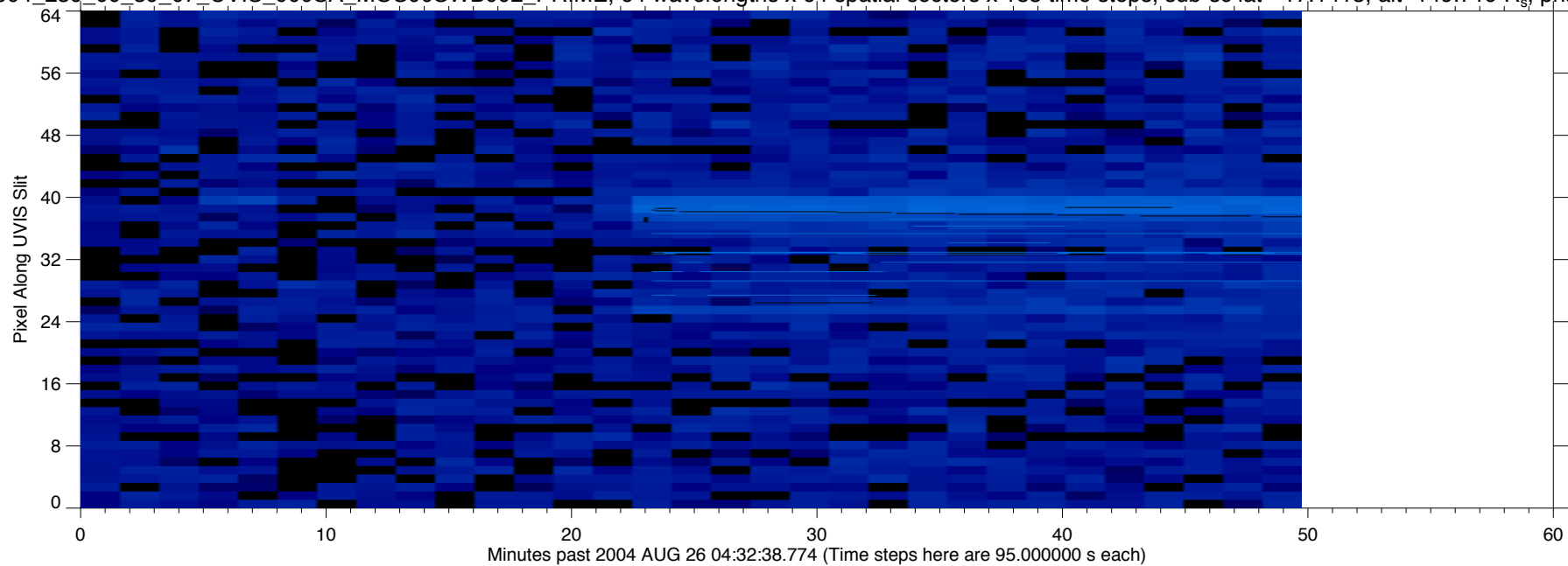
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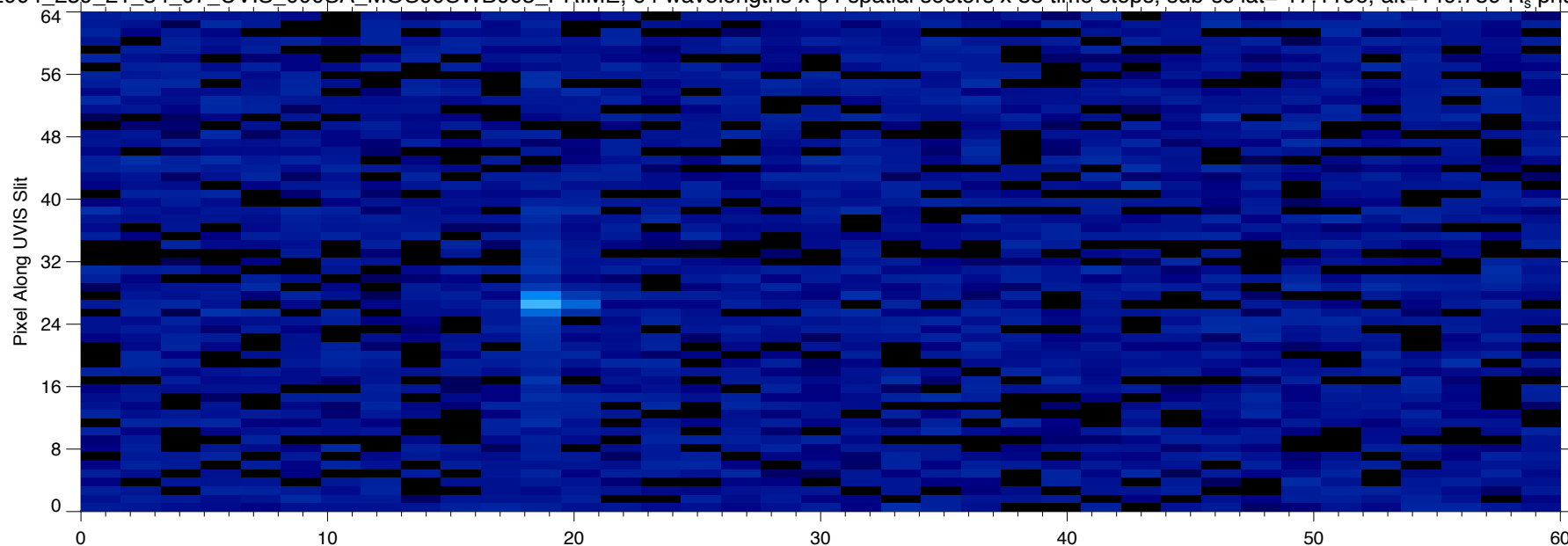
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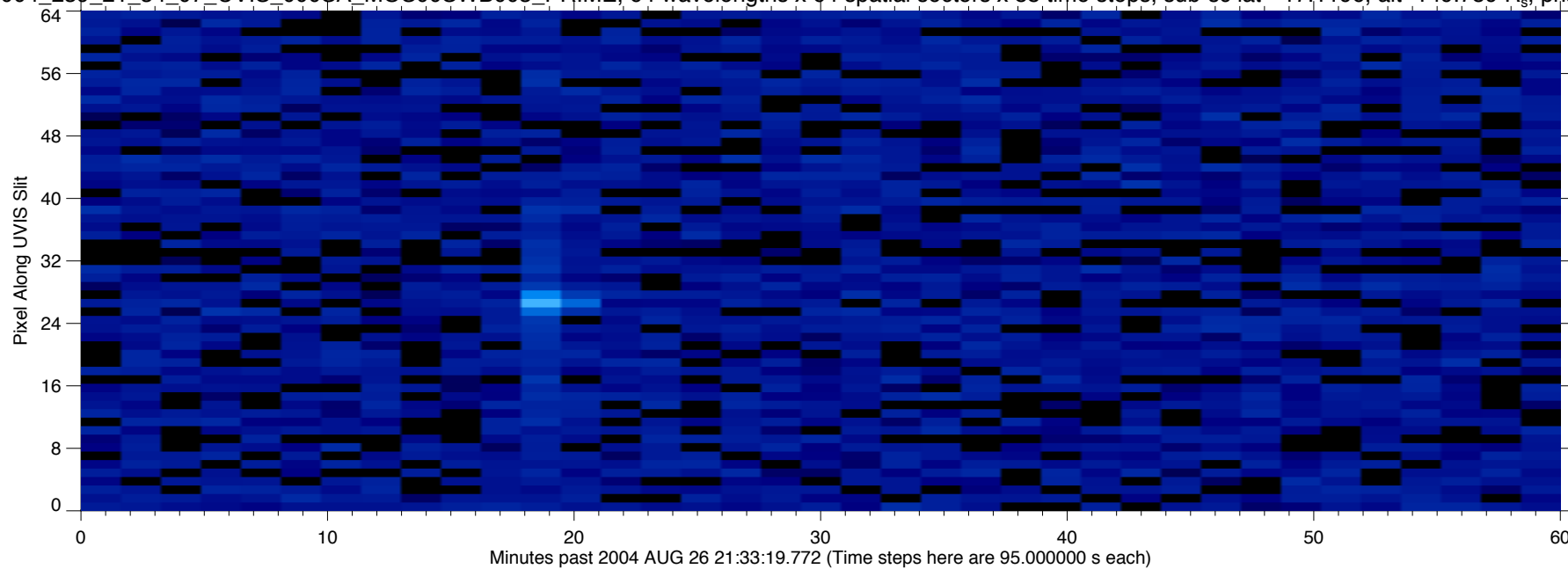
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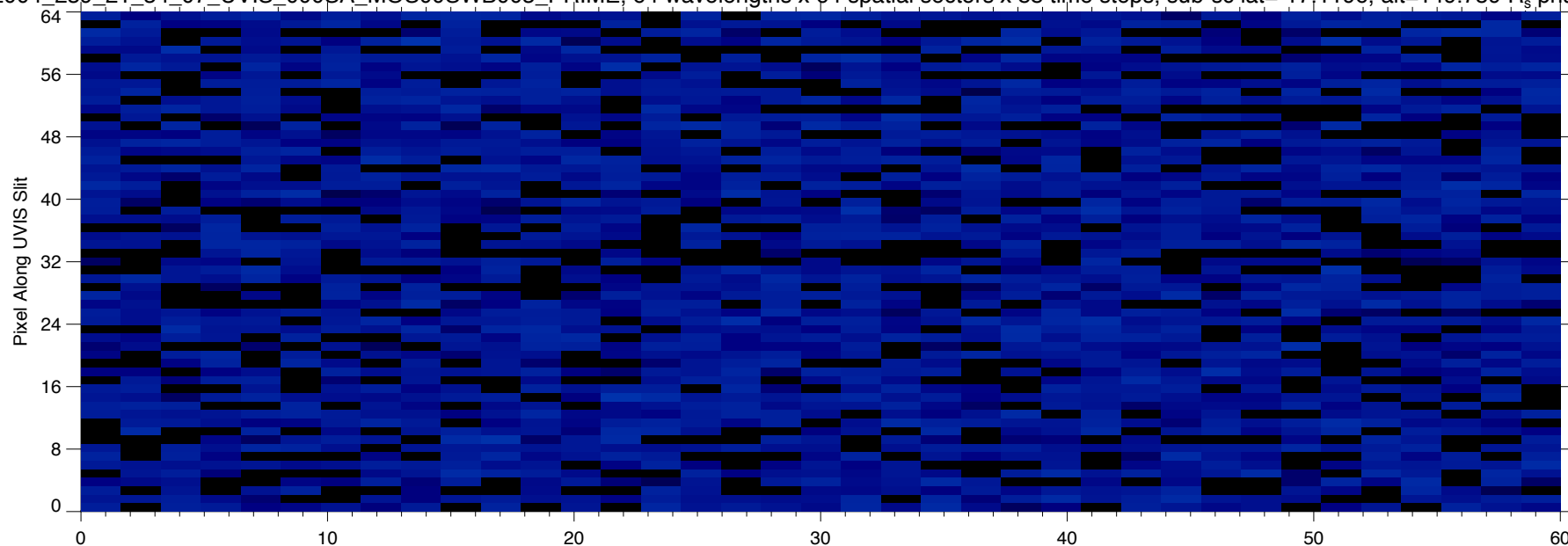
FUV2004_239_21_34_07_UVIS_000SA_MOS00SWB003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.1196, alt=149.759 R_s, phase=86.9231



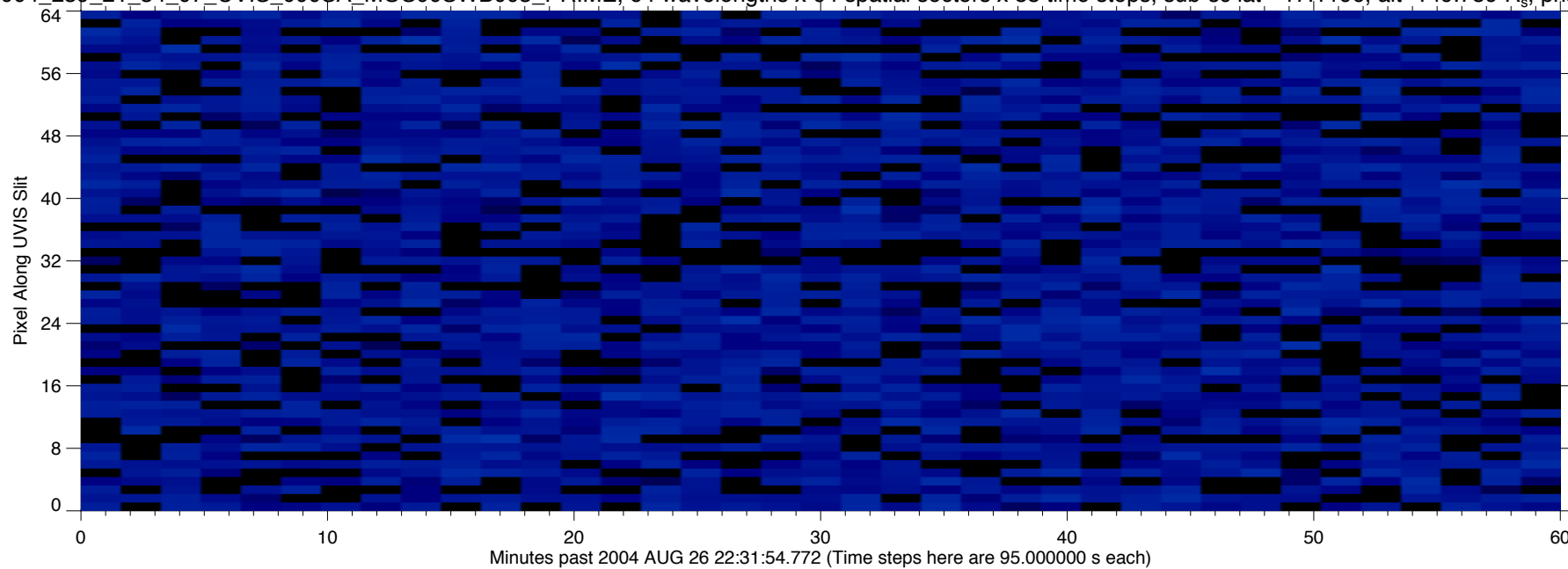
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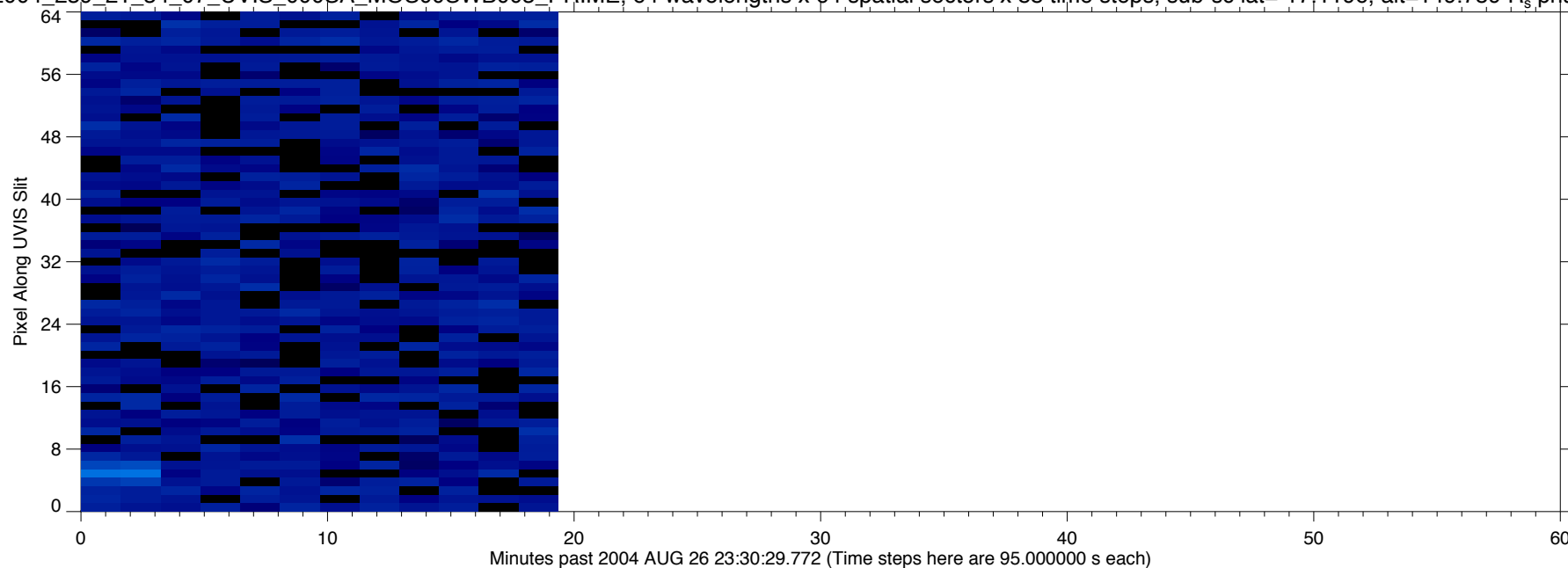
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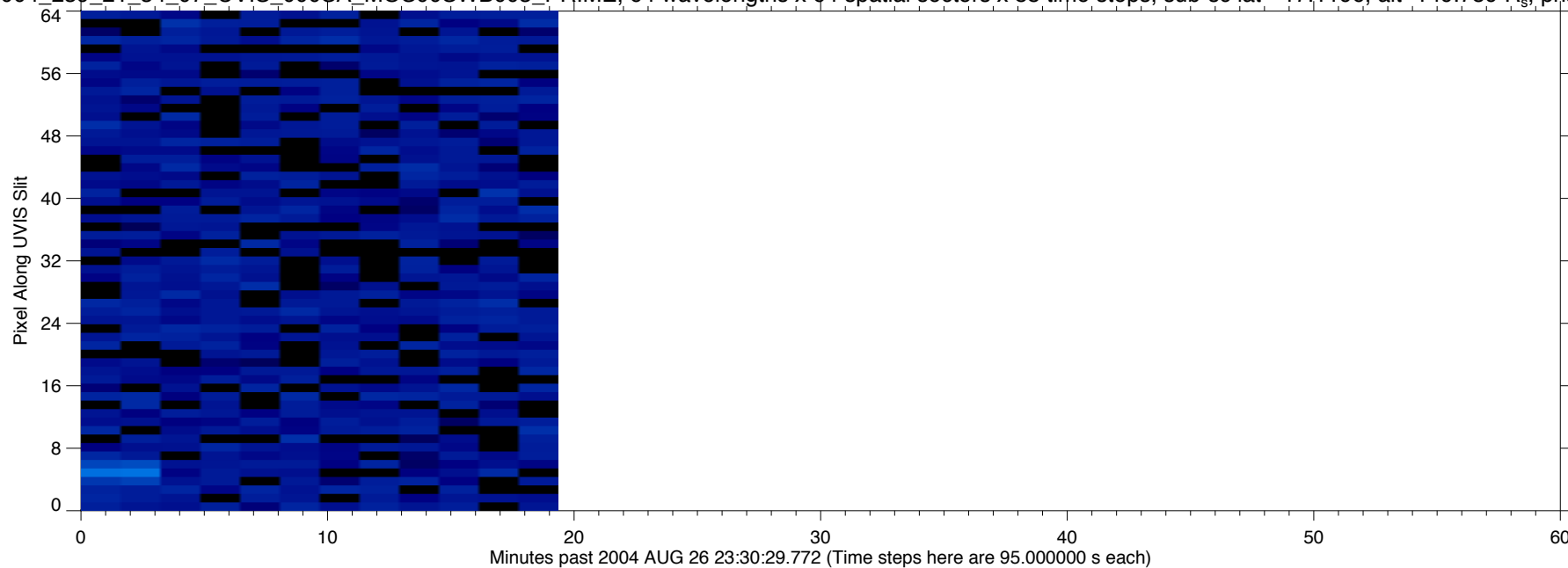
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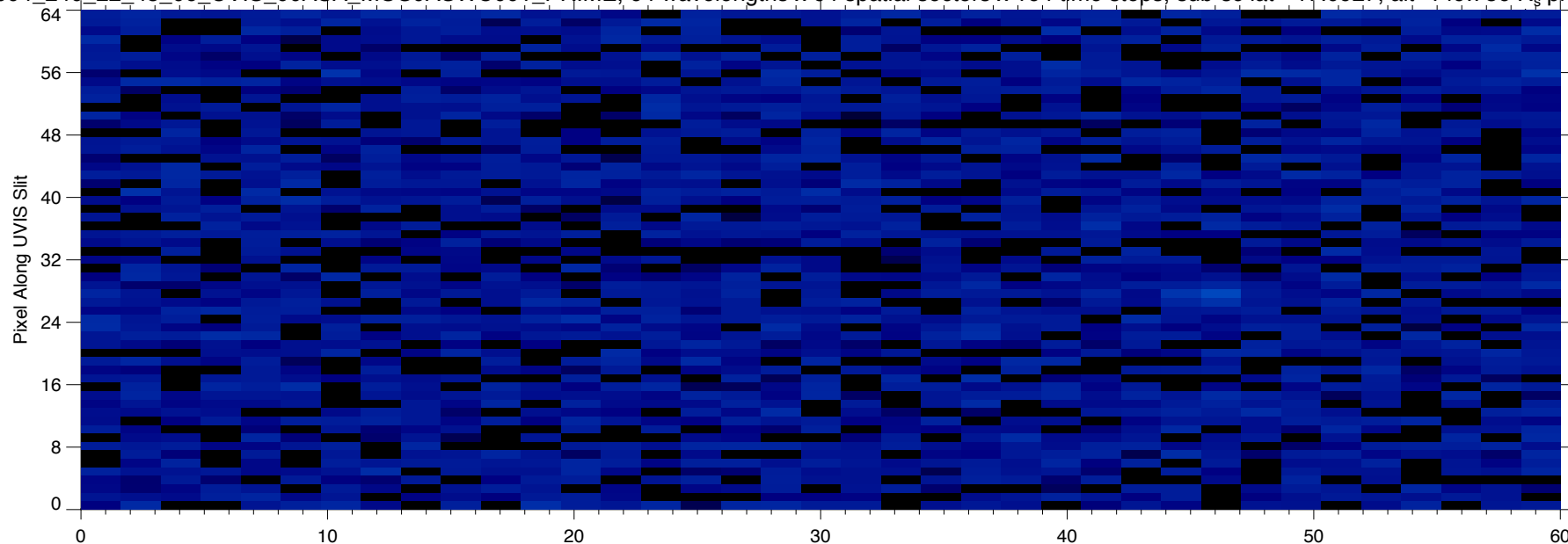
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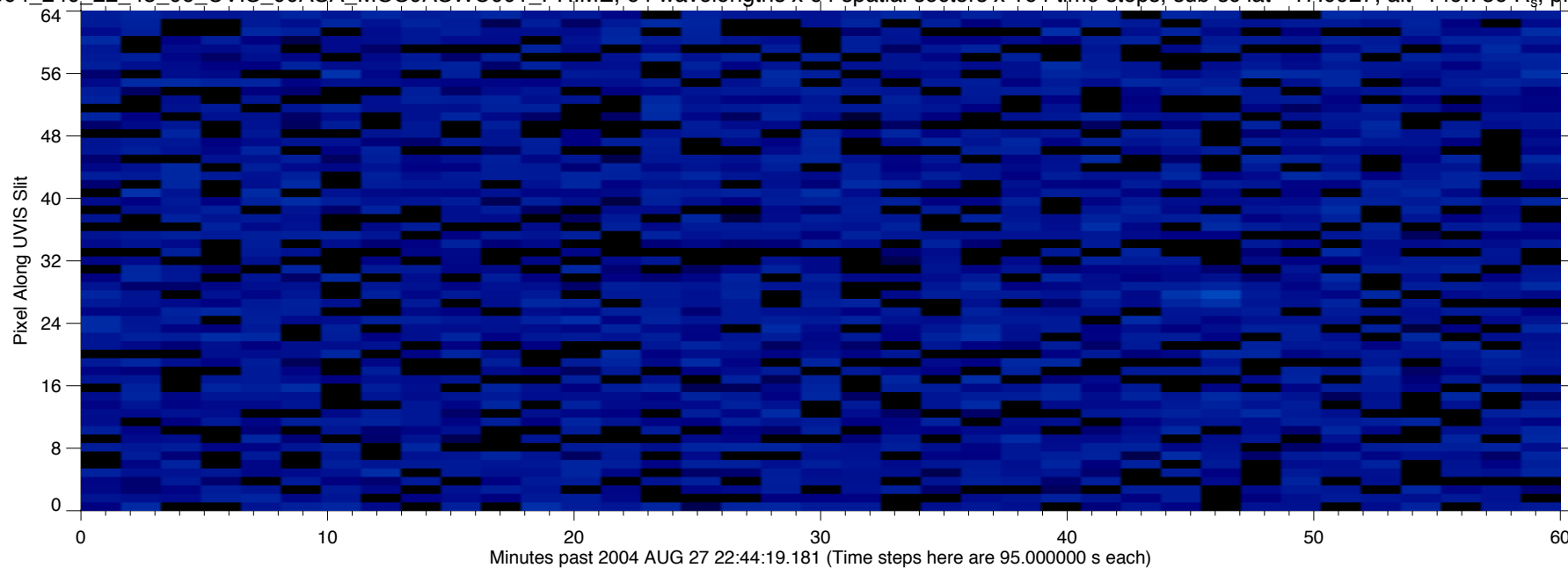
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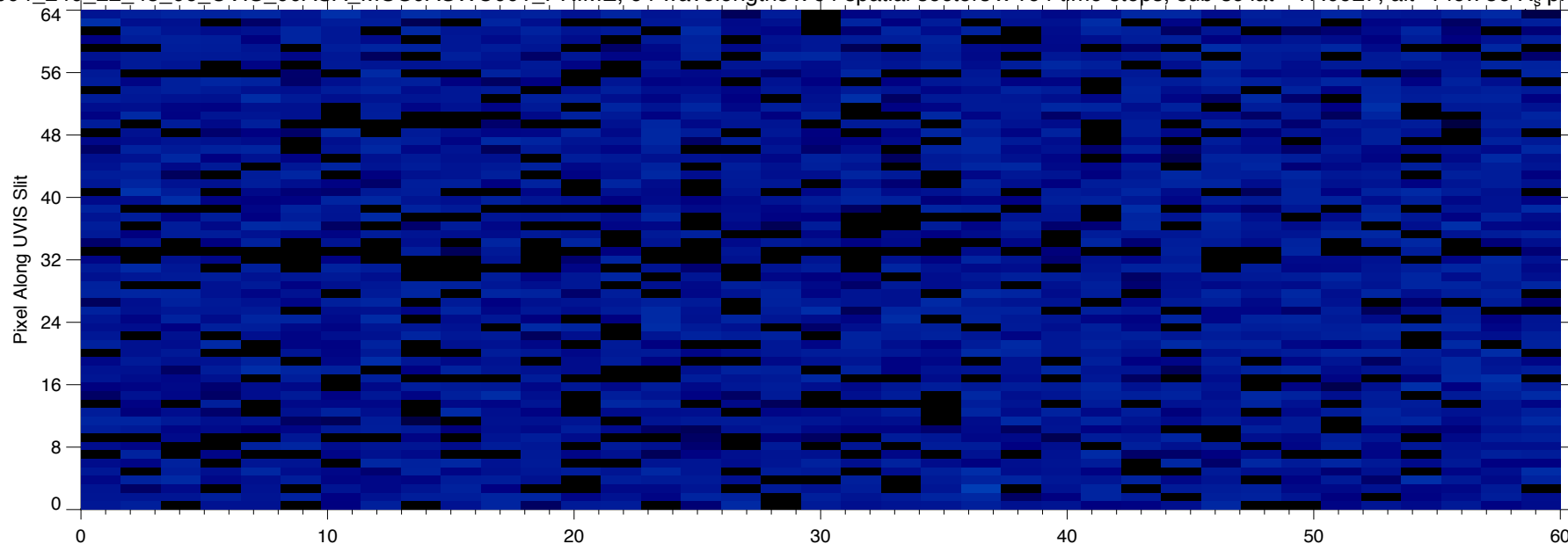
FUV2004_240_22_45_06_UVIS_00ASA_MOS0ASWC001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-17.0927, alt=149.756 R_s, phase=86.6312



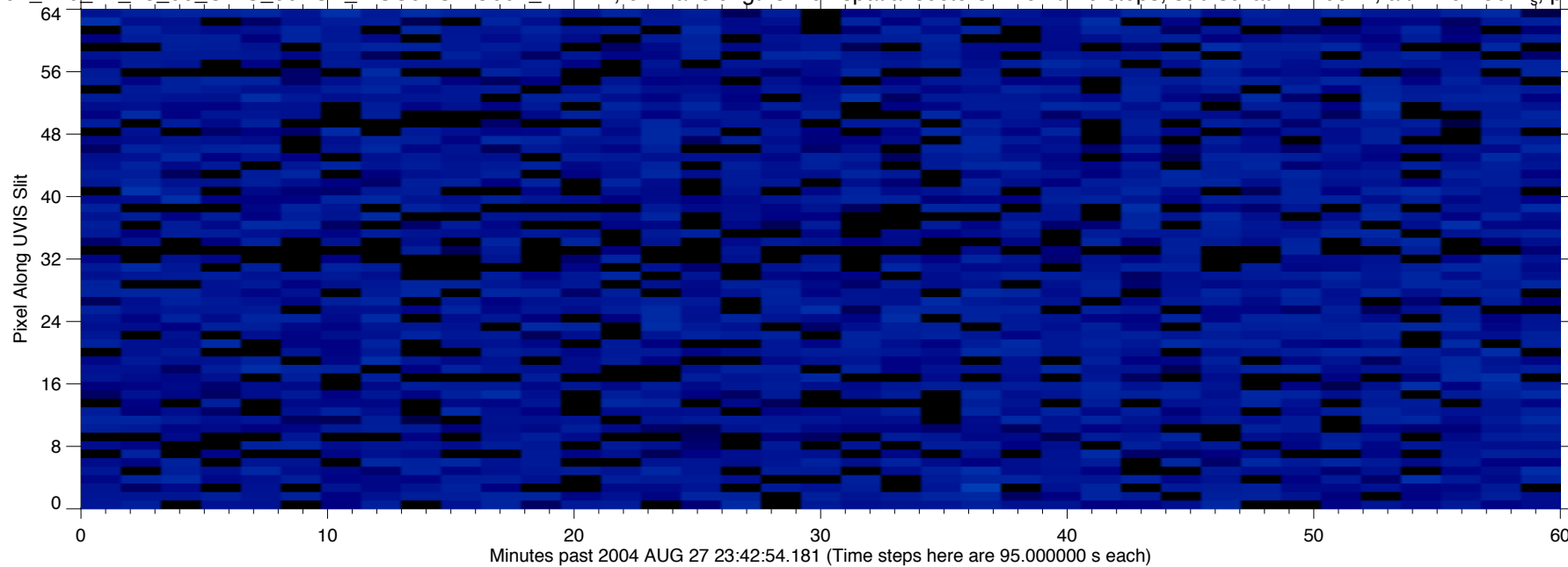
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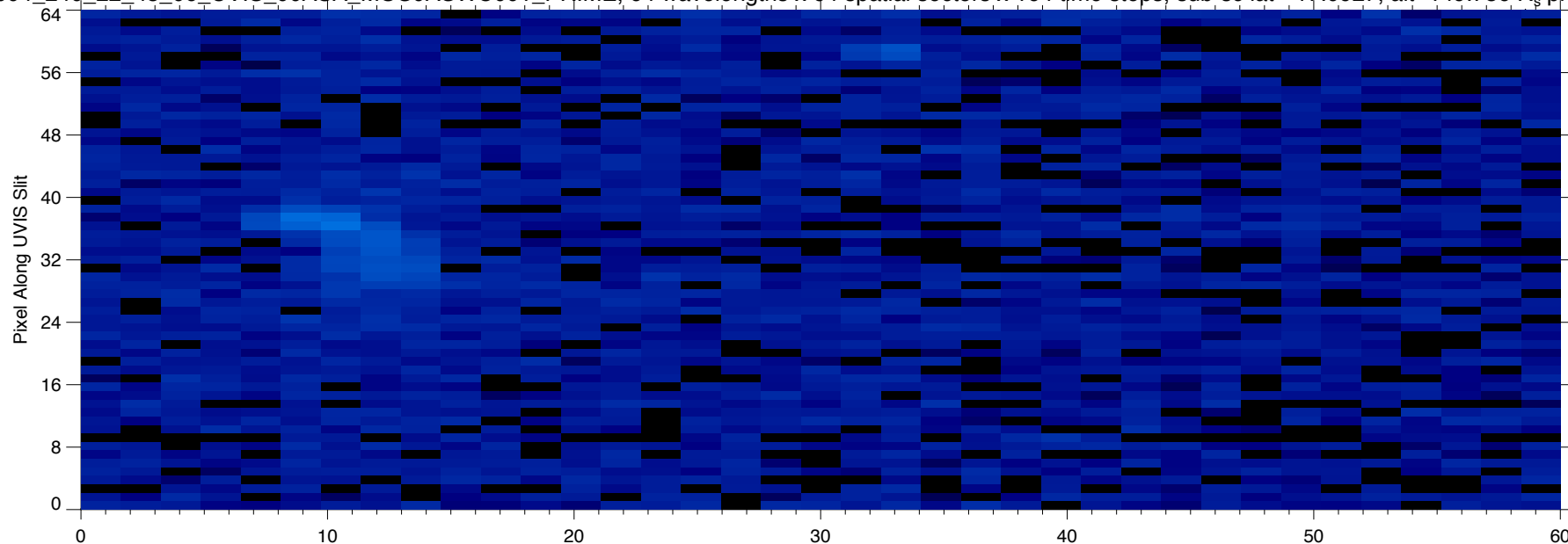
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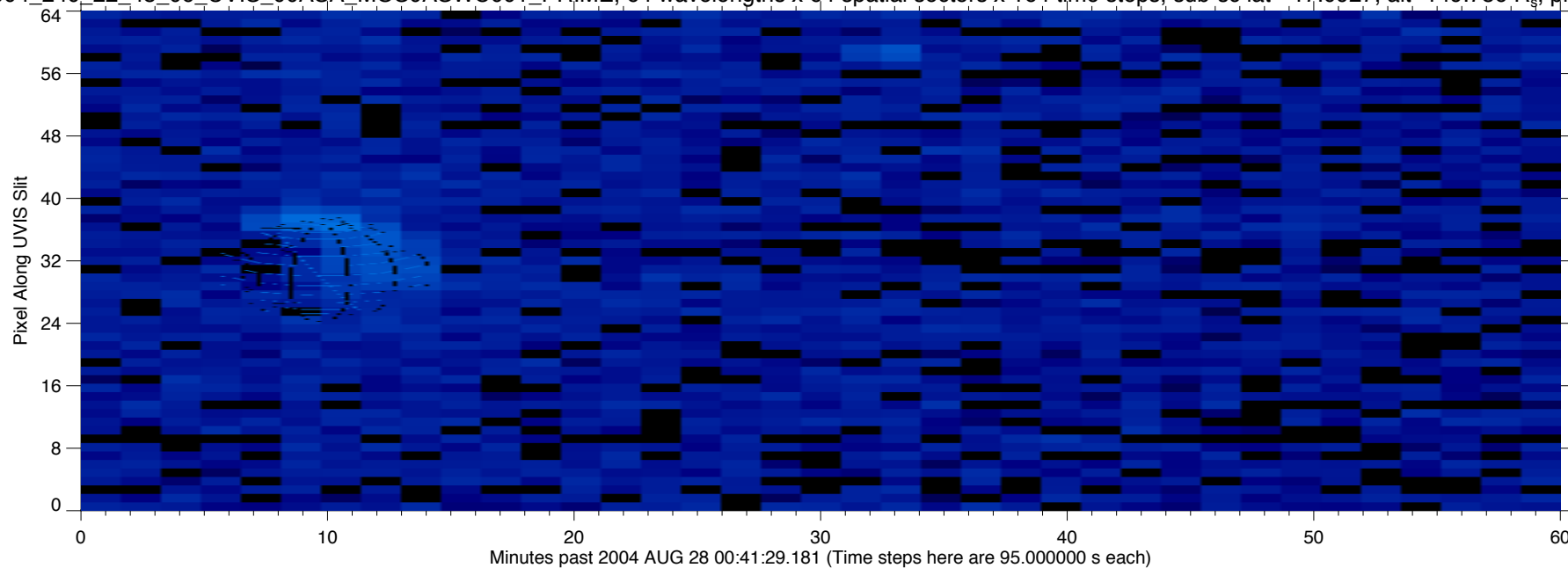
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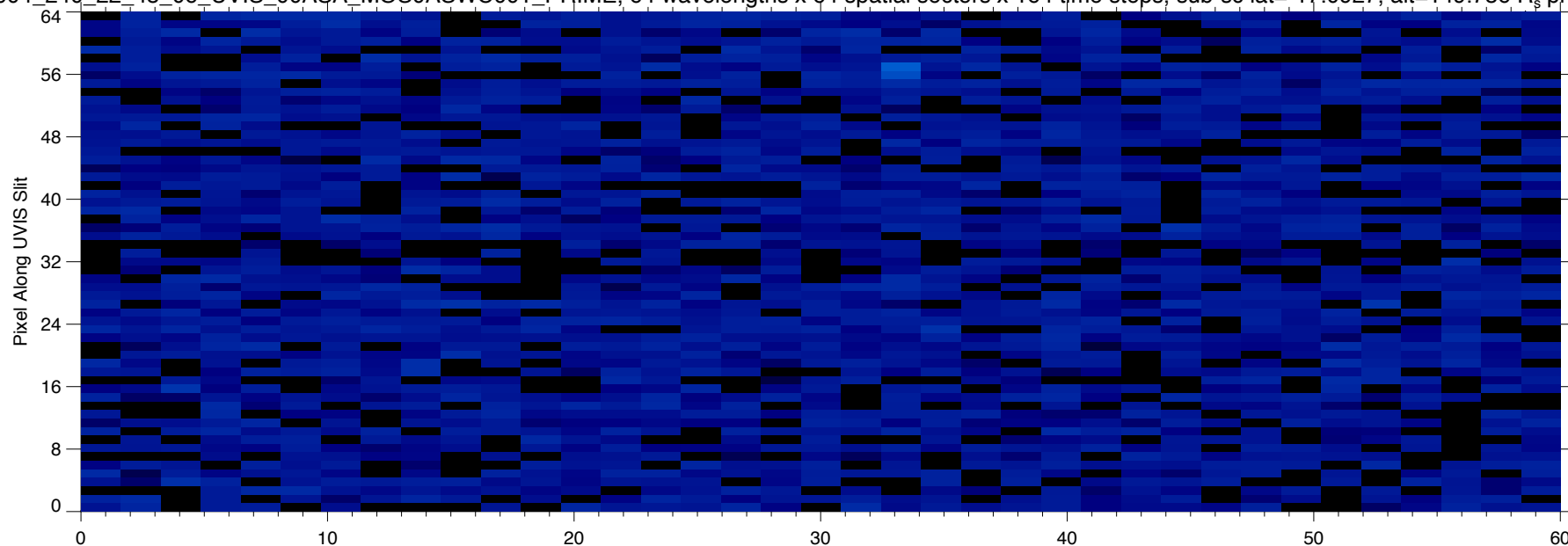
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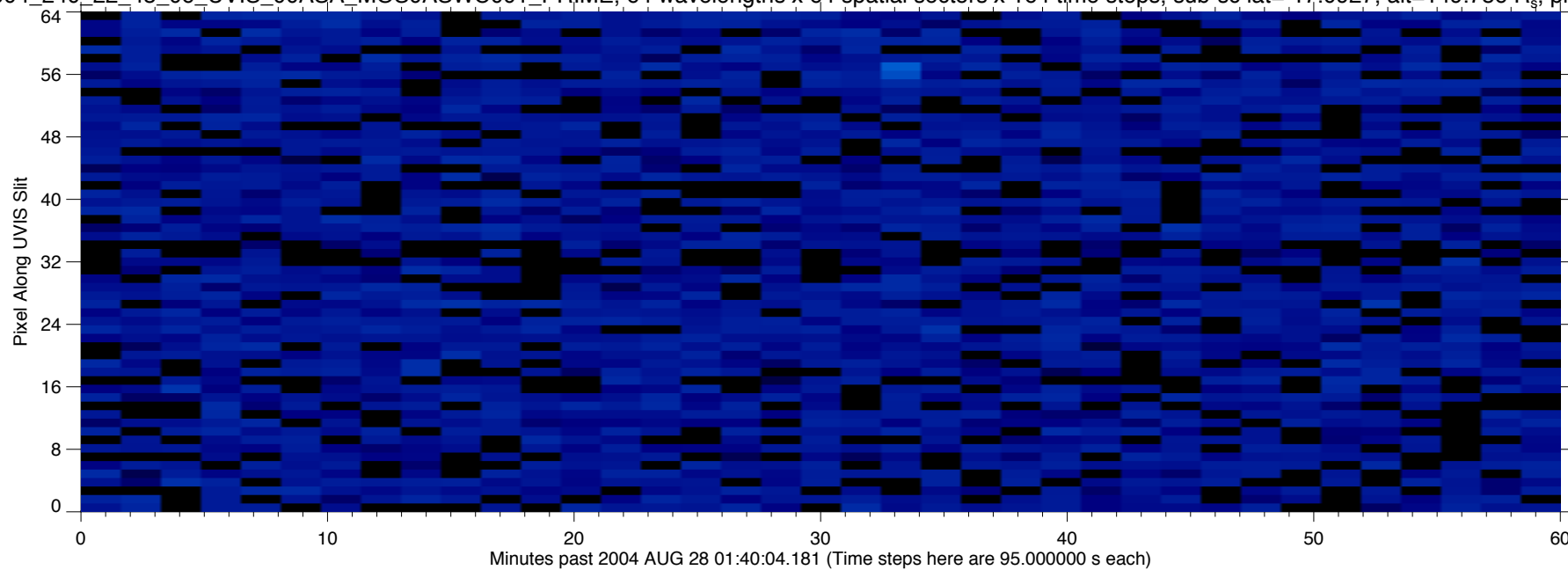
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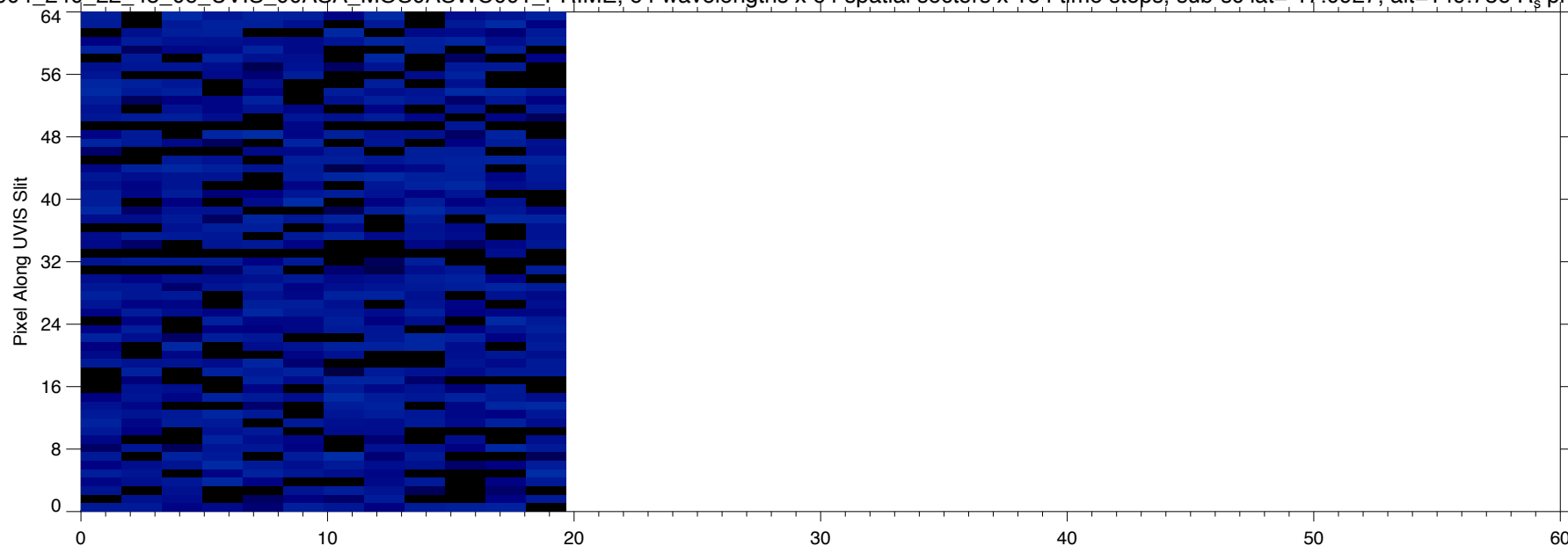
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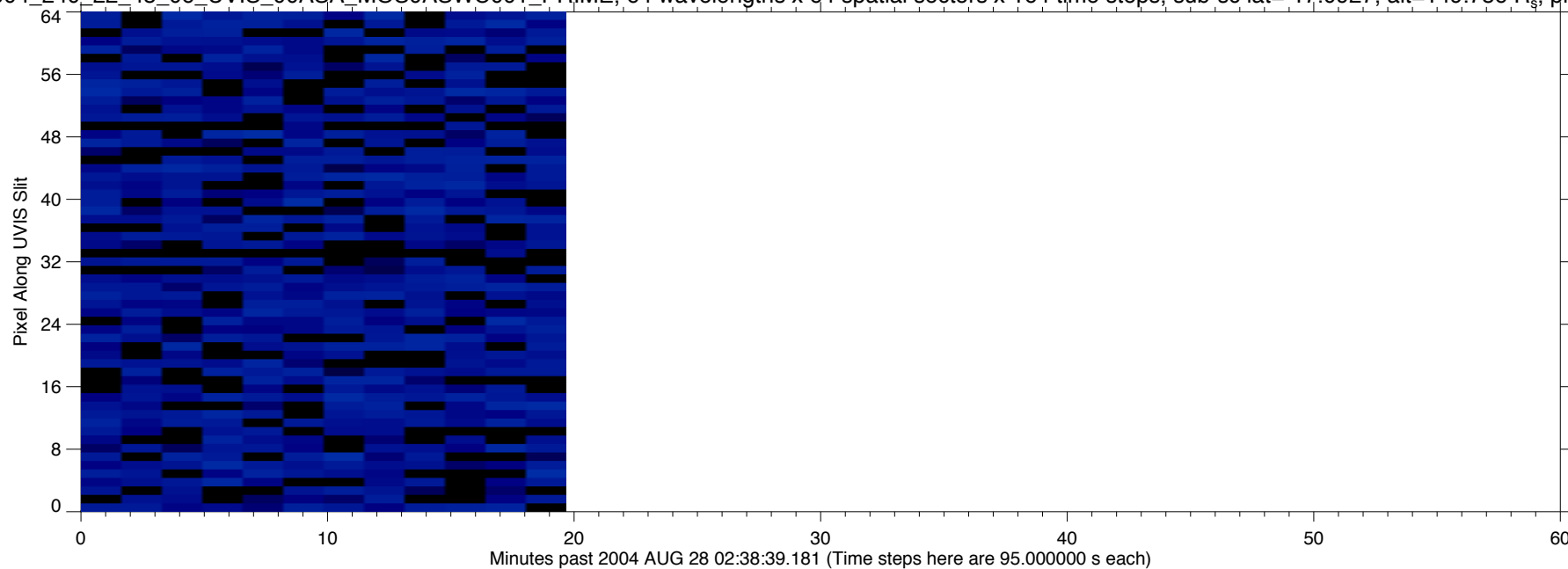
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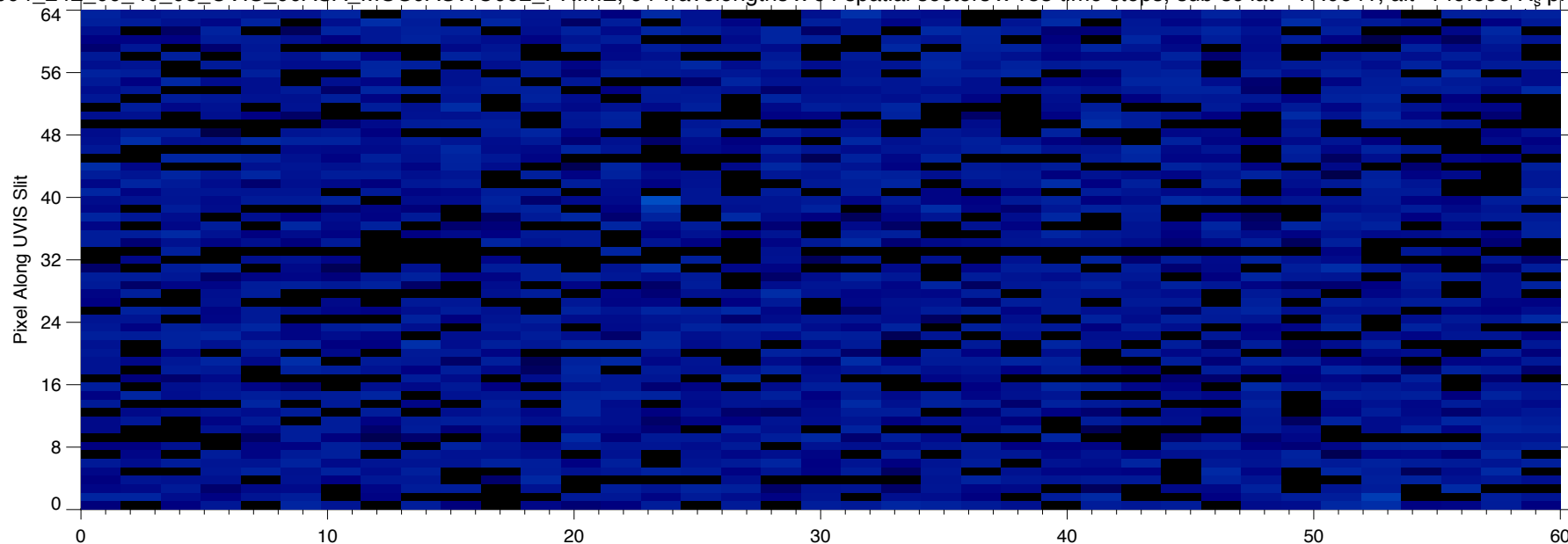
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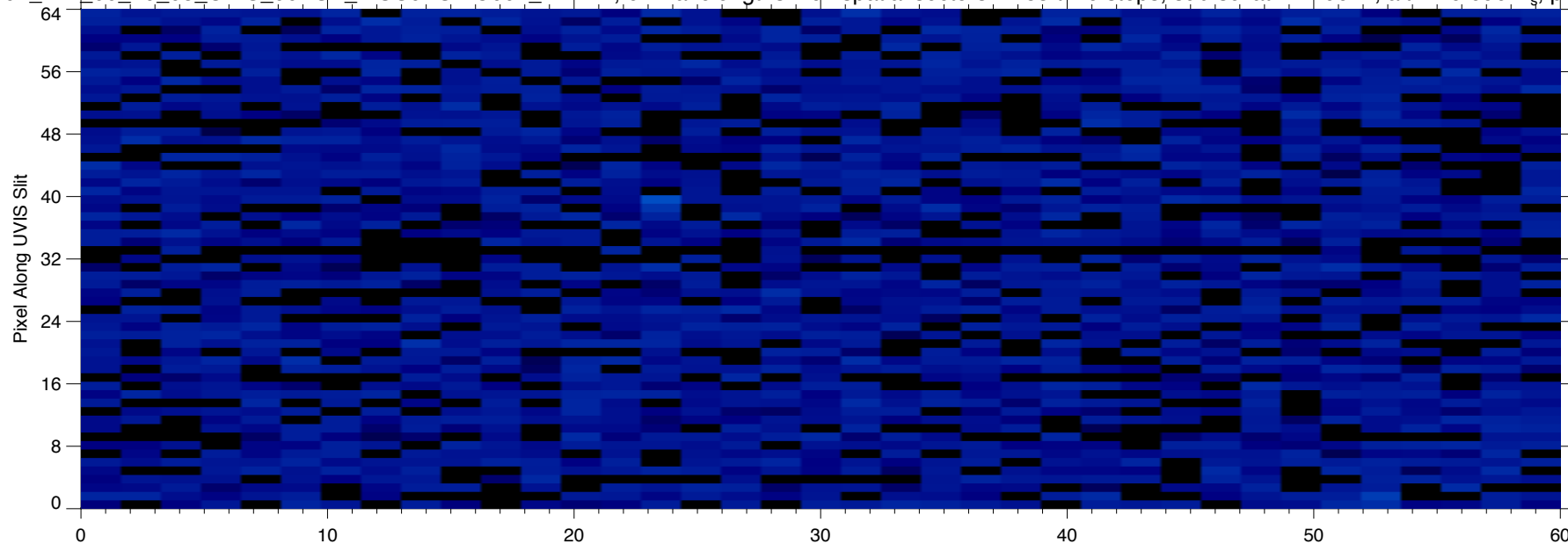
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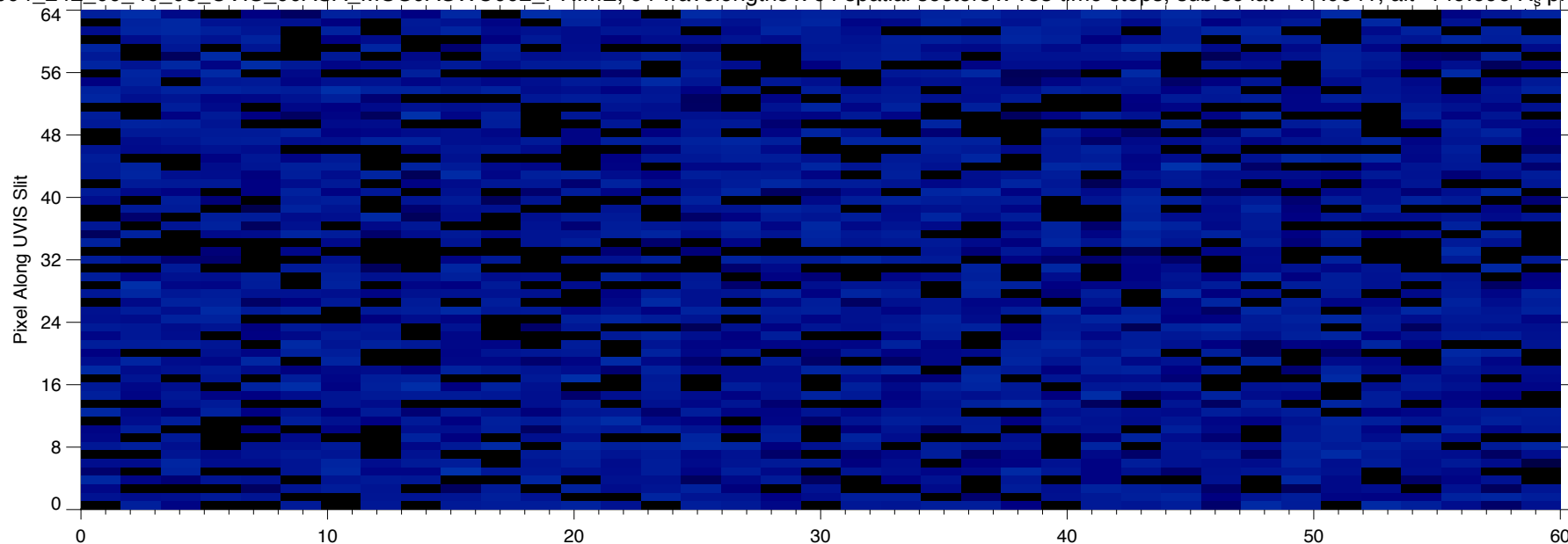
FUV2004_242_00_40_08_UVIS_00ASA_MOS0ASWC002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-17.0641, alt=149.696 R_s, phase=86.3307



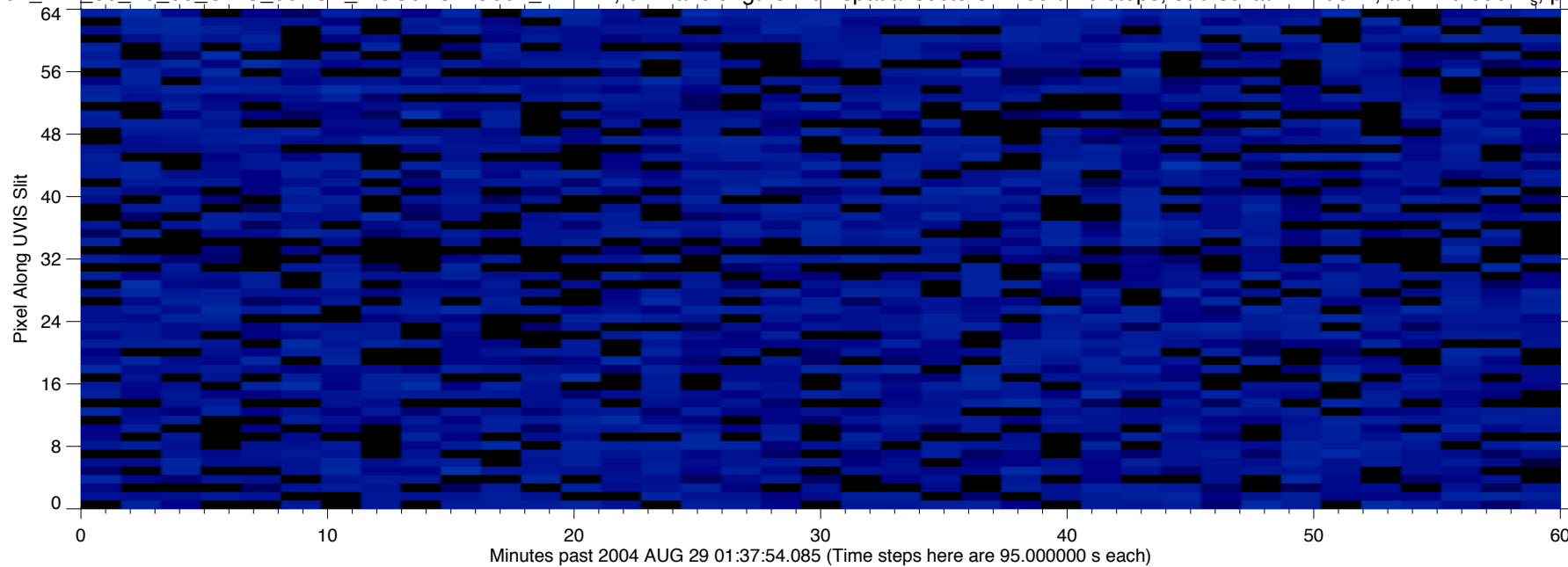
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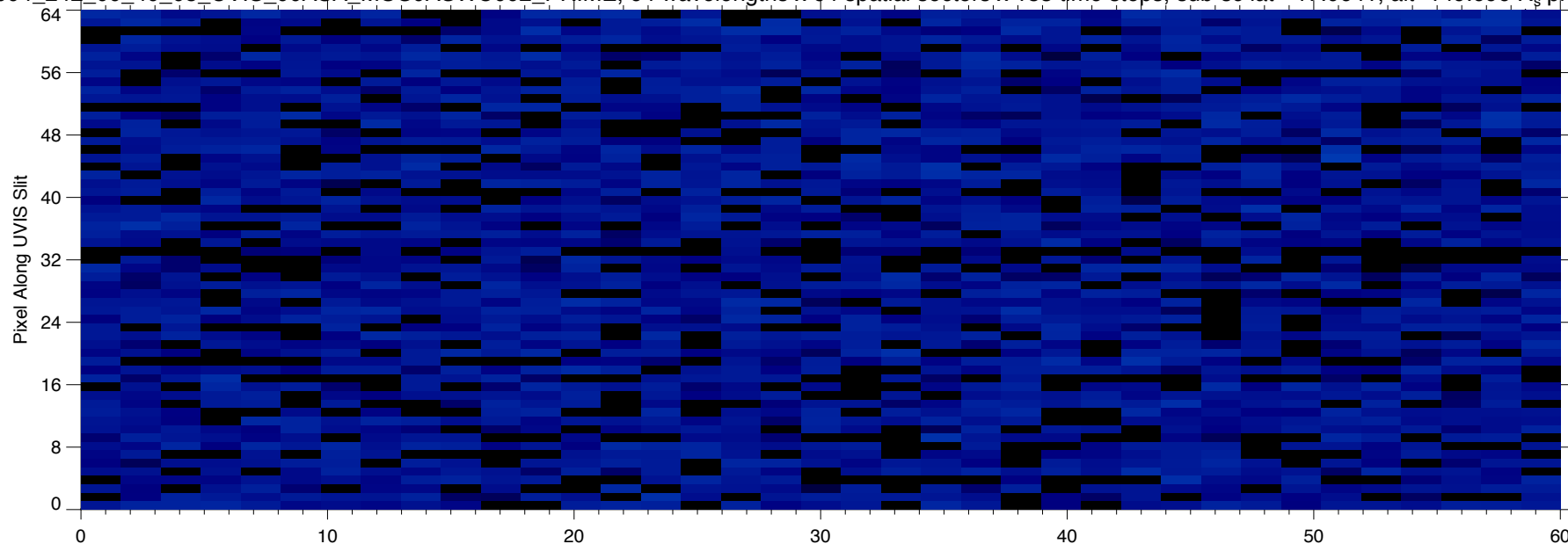
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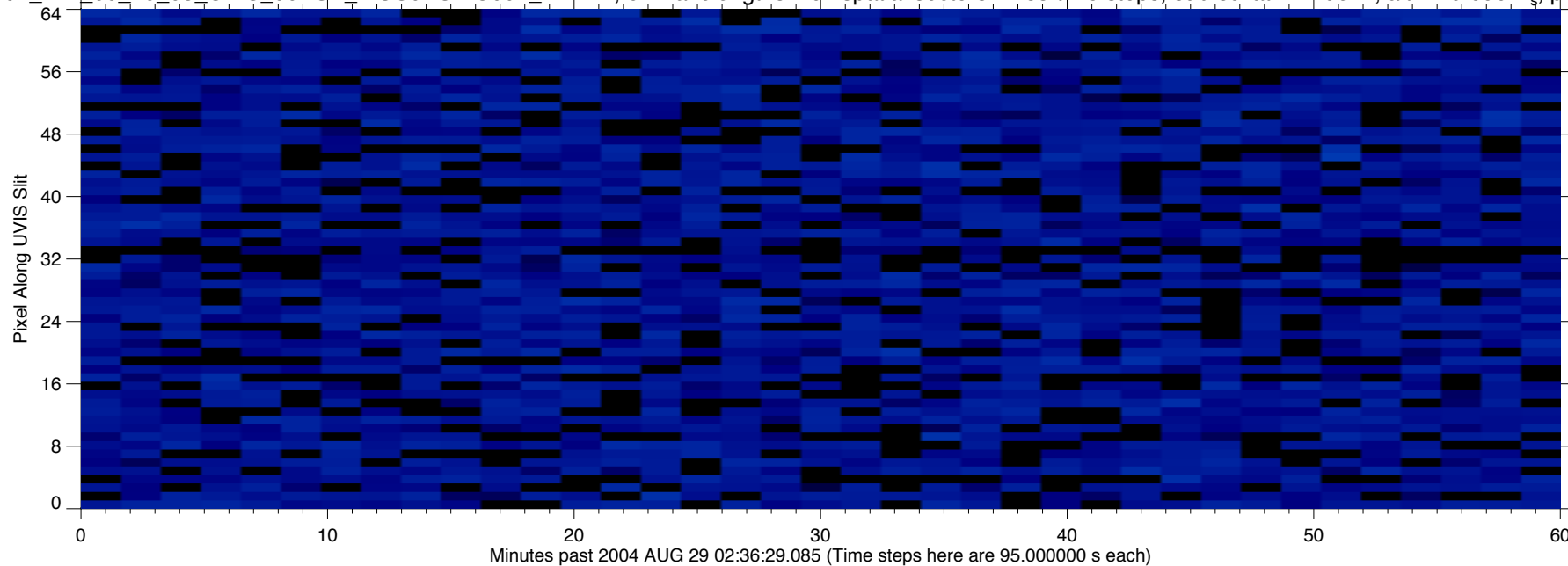
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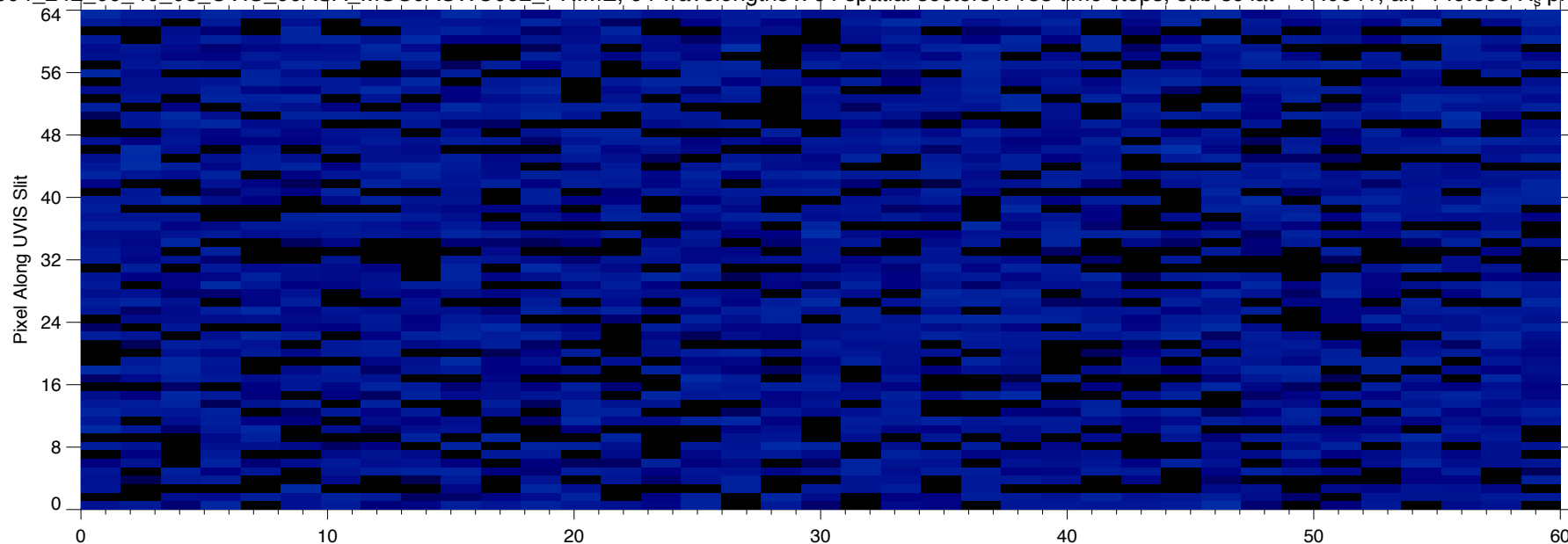
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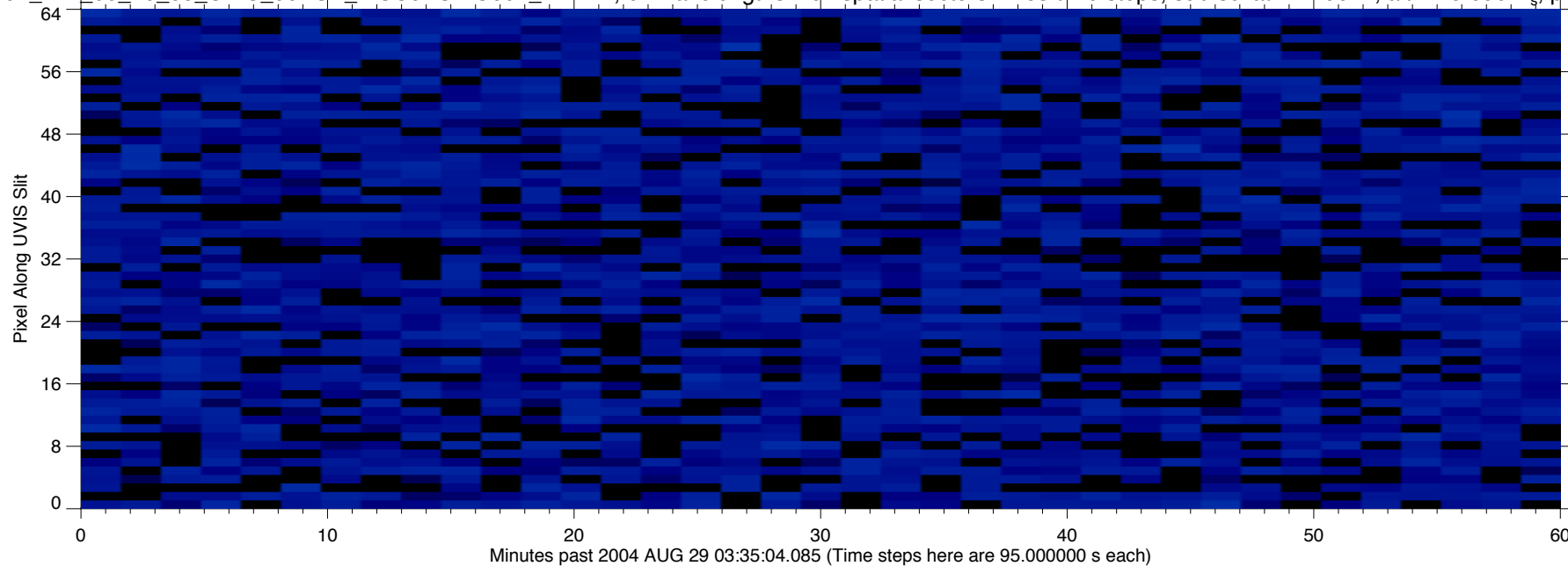
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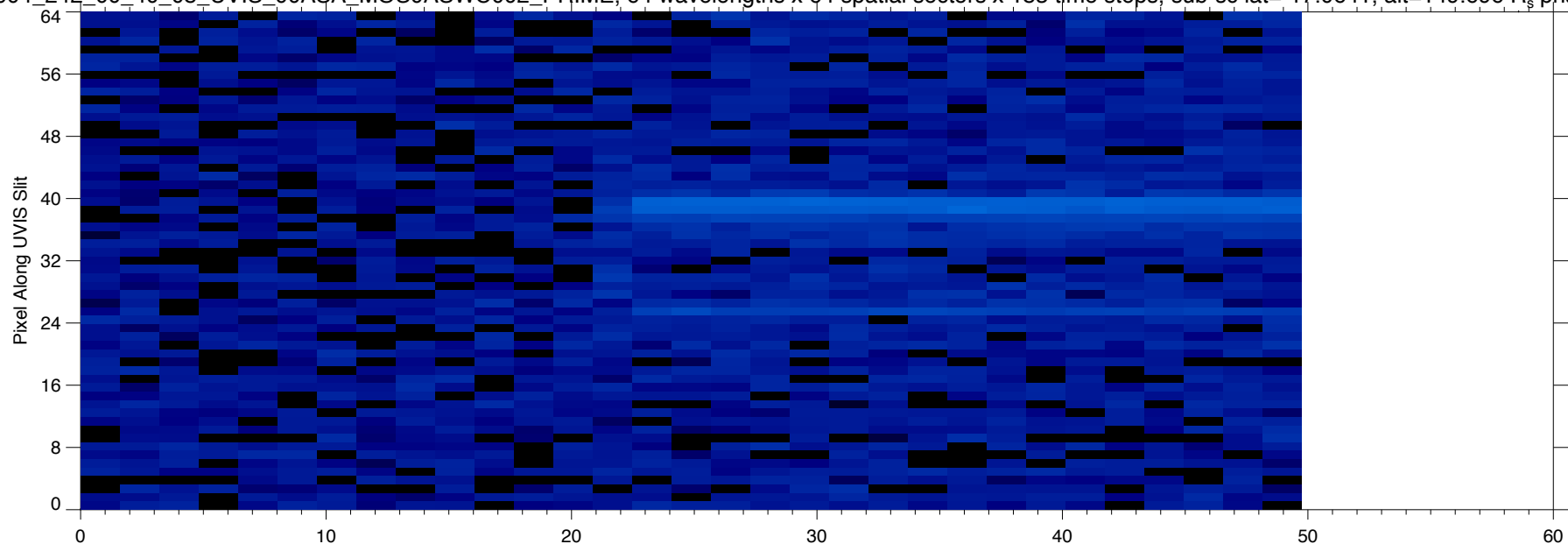
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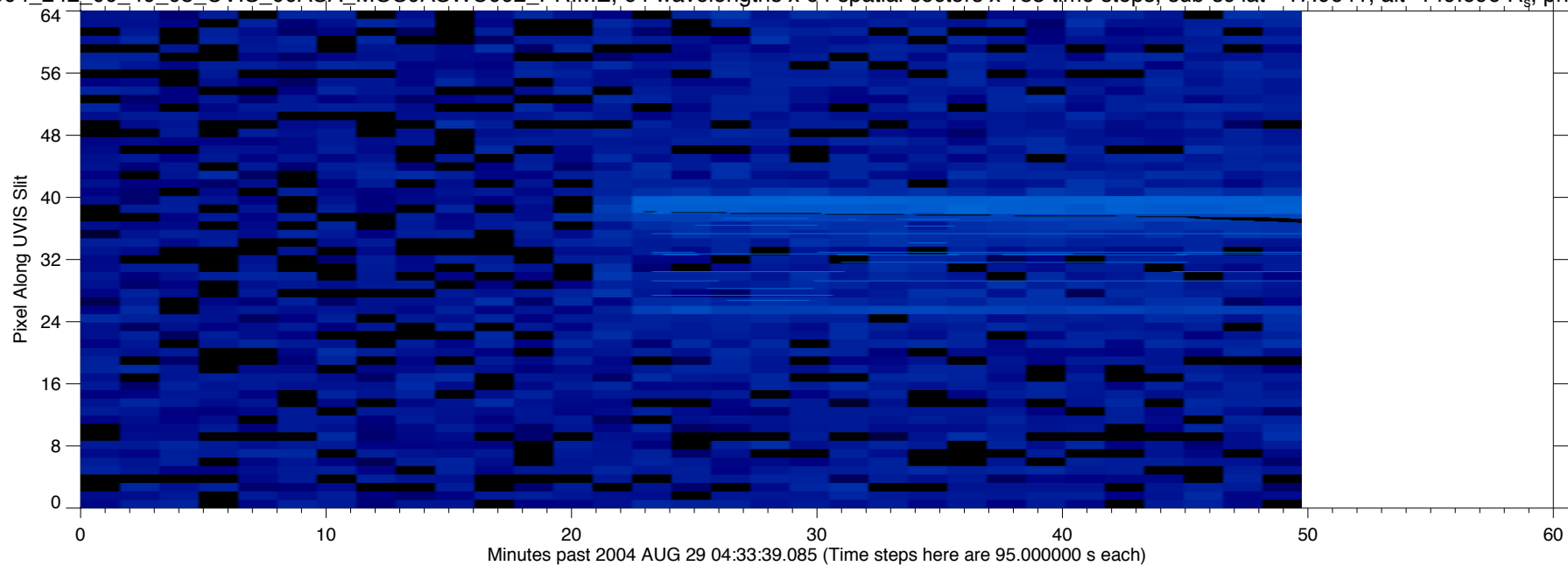
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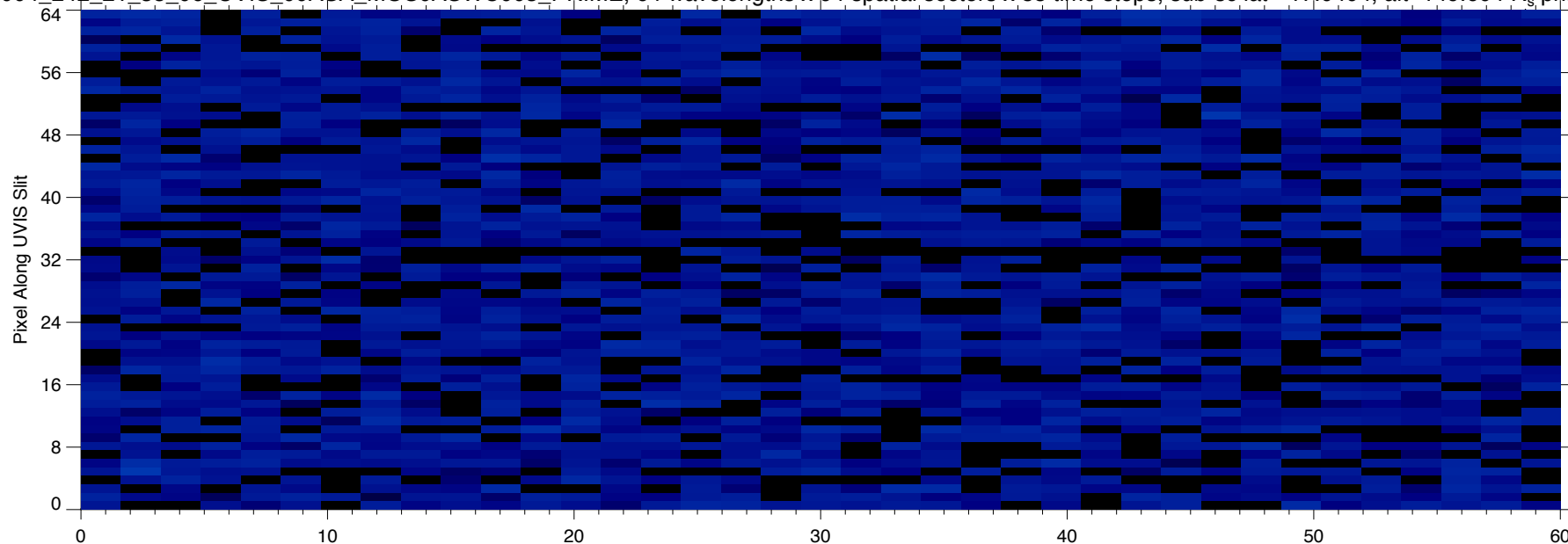
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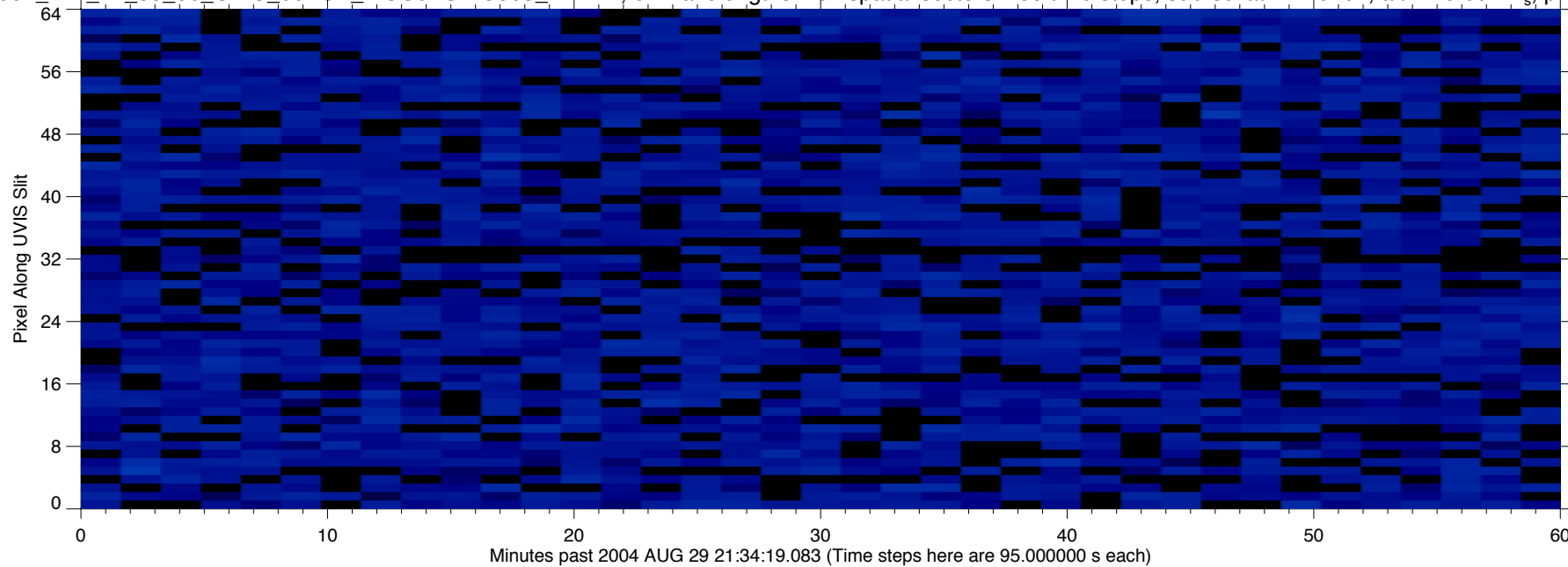
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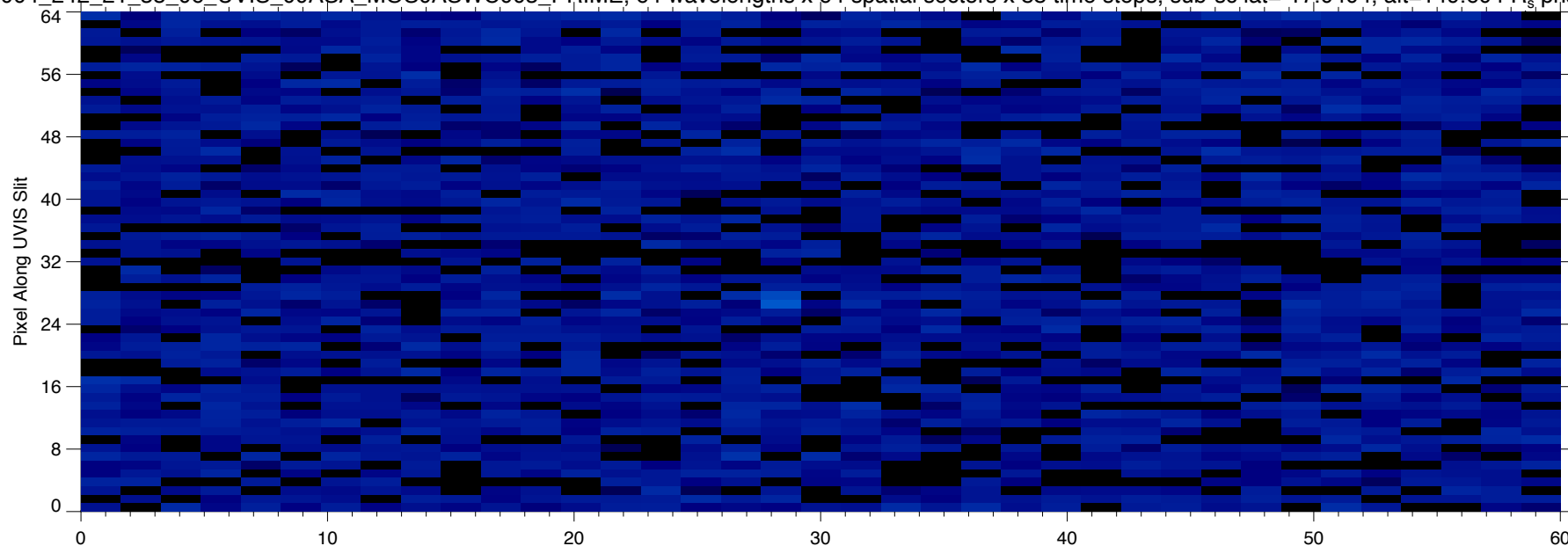
FUV2004_242_21_35_06_UVIS_00ASA_MOS0ASWC003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-17.0404, alt=149.604 R_s phase=86.0880



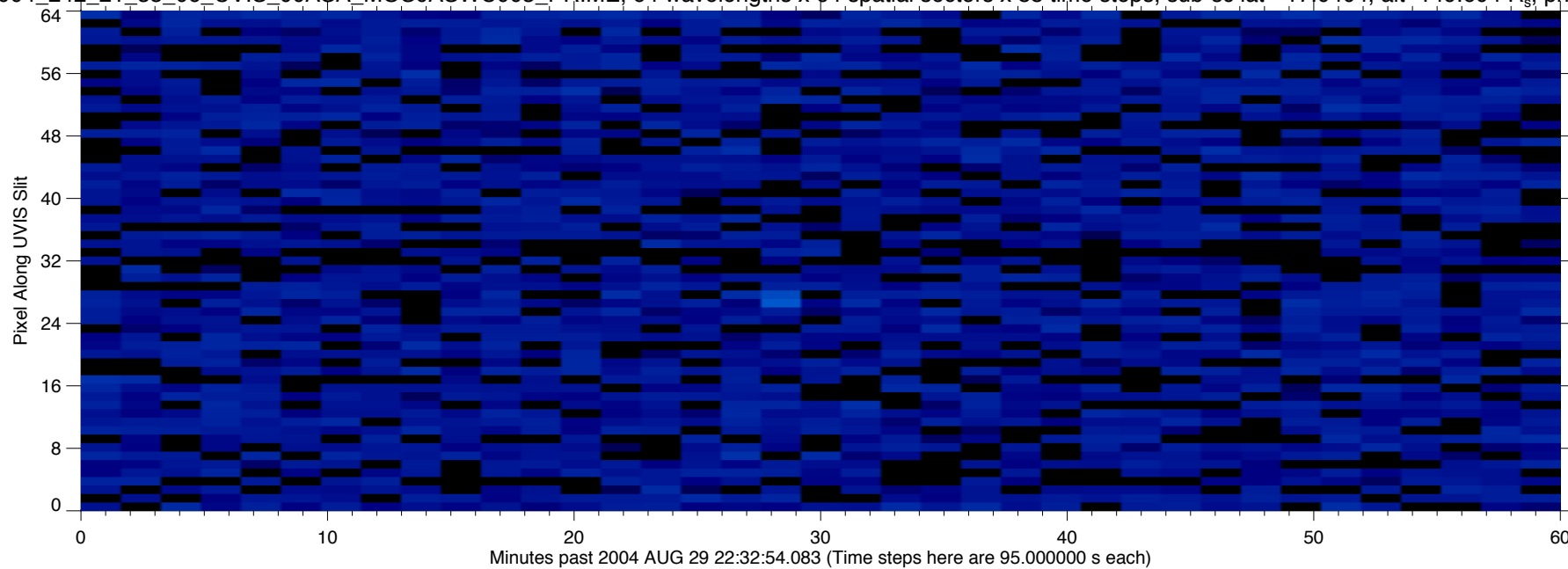
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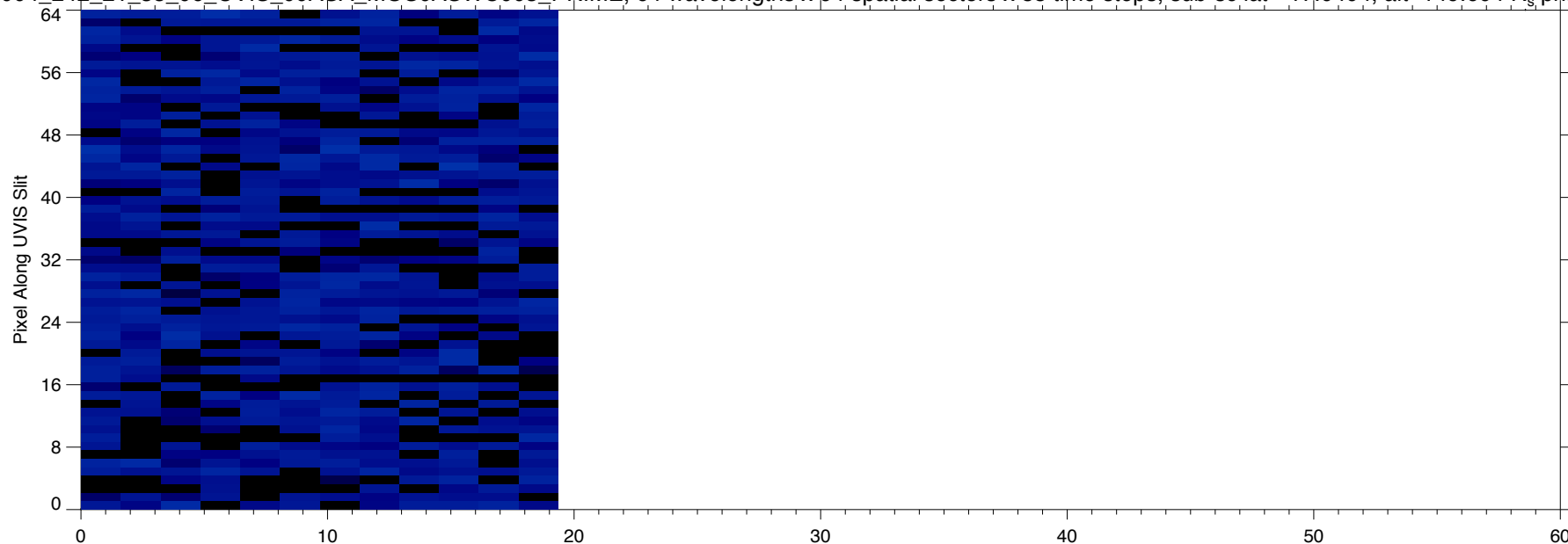
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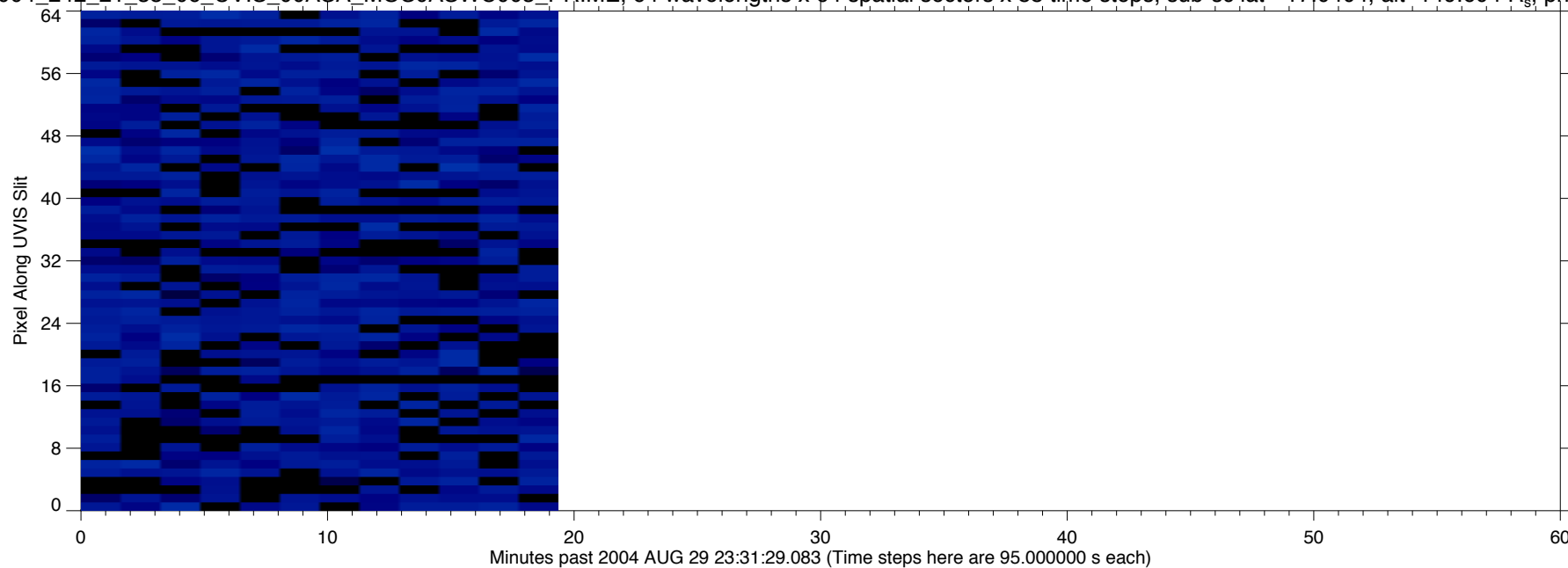
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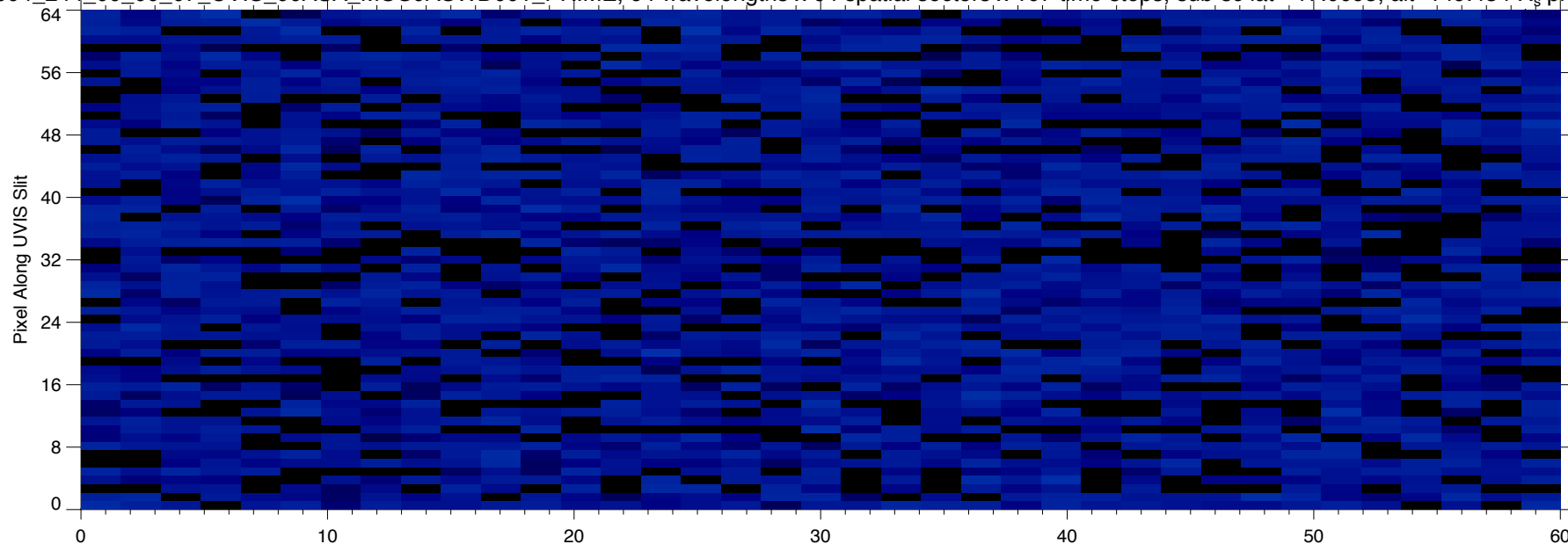
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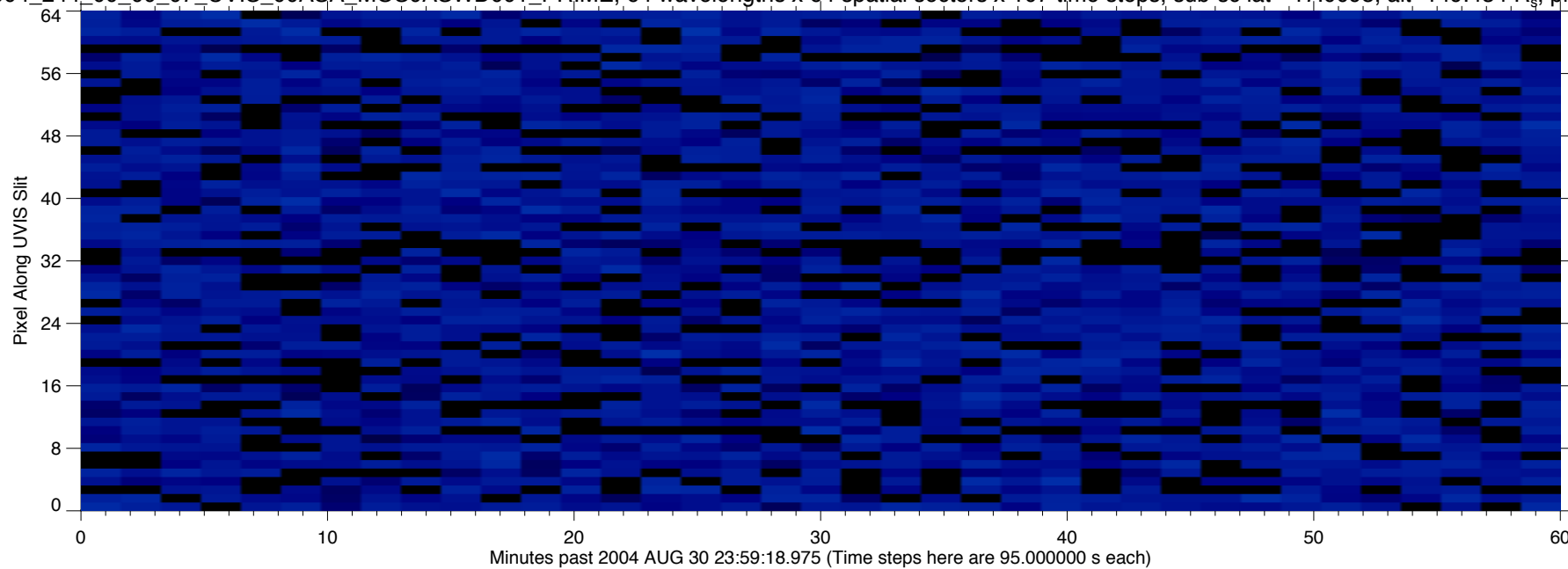
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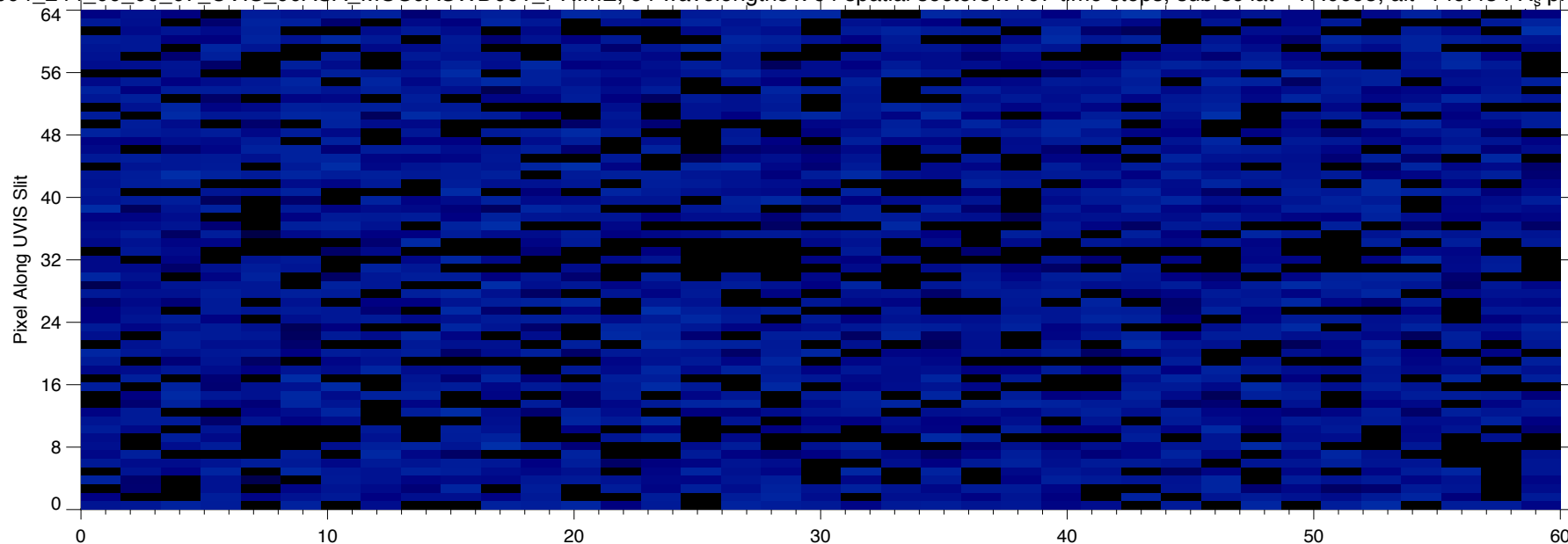
FUV2004_244_00_00_07_UVIS_00ASA_MOS0ASWD001_PRIME, 64 wavelengths x 64 spatial sectors x 107 time steps, sub-sc lat=-17.0095, alt=149.434 R_s, phase=85.7806



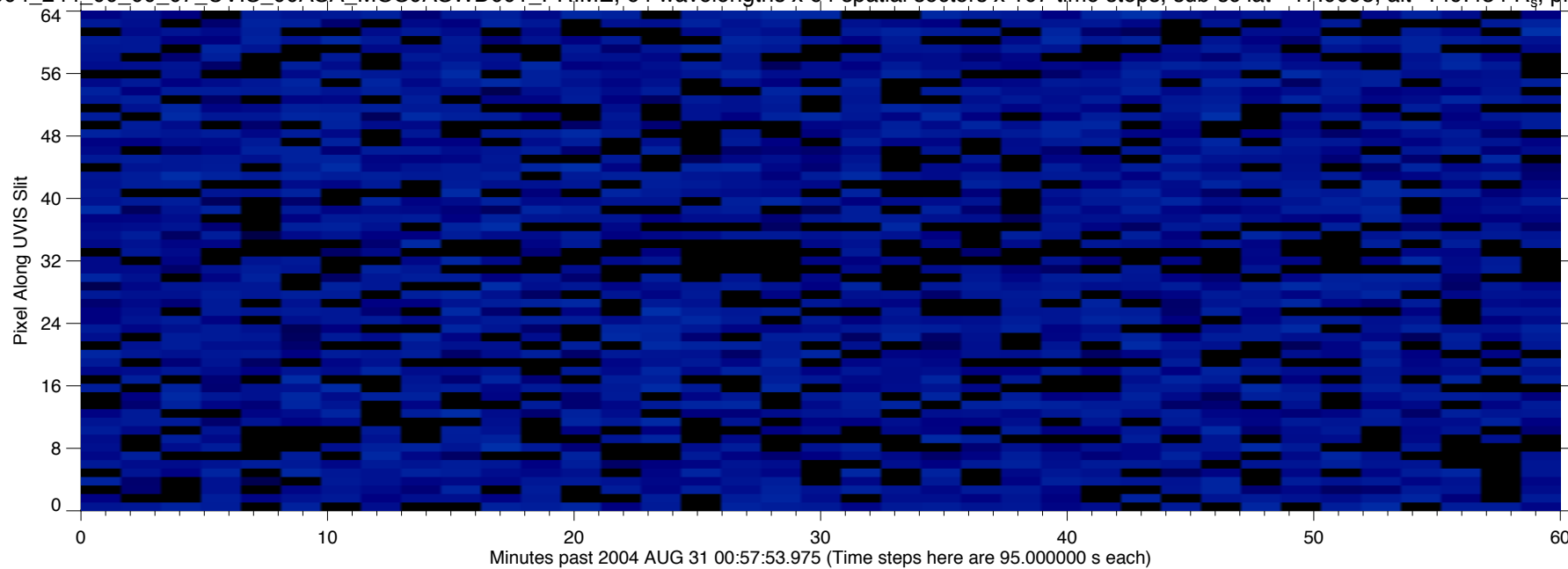
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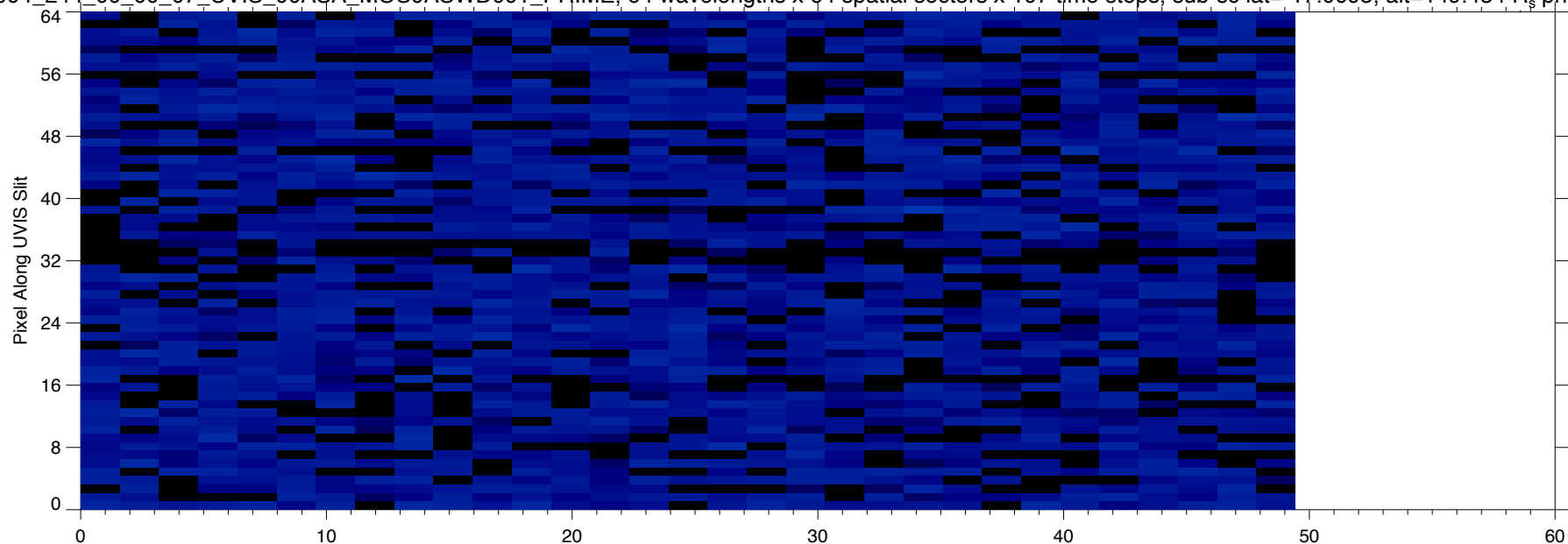
FUV2004_244_00_00_07_UVIS_00ASA_MOS0ASWD001_PRIME, 64 wavelengths x 64 spatial sectors x 107 time steps, sub-sc lat=-17.0095, alt=149.434 R_s, phase=85.7806



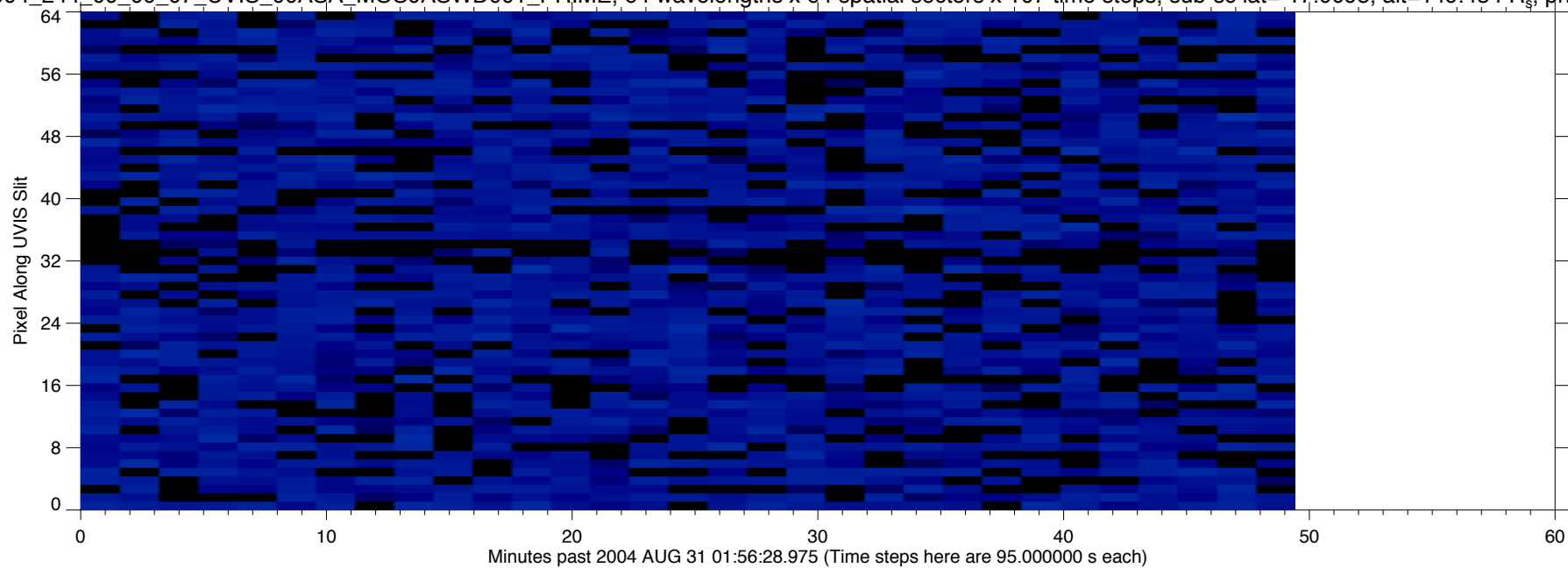
FUV2004_244_00_00_07_UVIS_00ASA_MOS0ASWD001_PRIME, 64 wavelengths x 64 spatial sectors x 107 time steps, sub-sc lat=-17.0095, alt=149.434 R_s, phase=85.7806



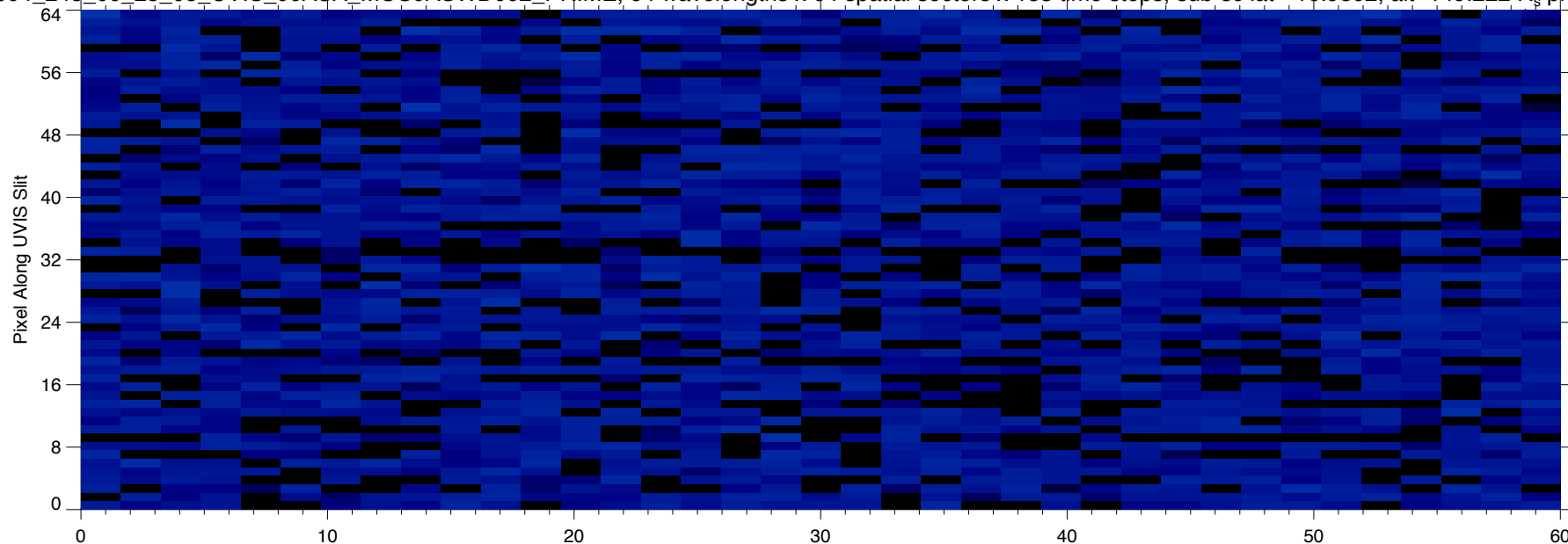
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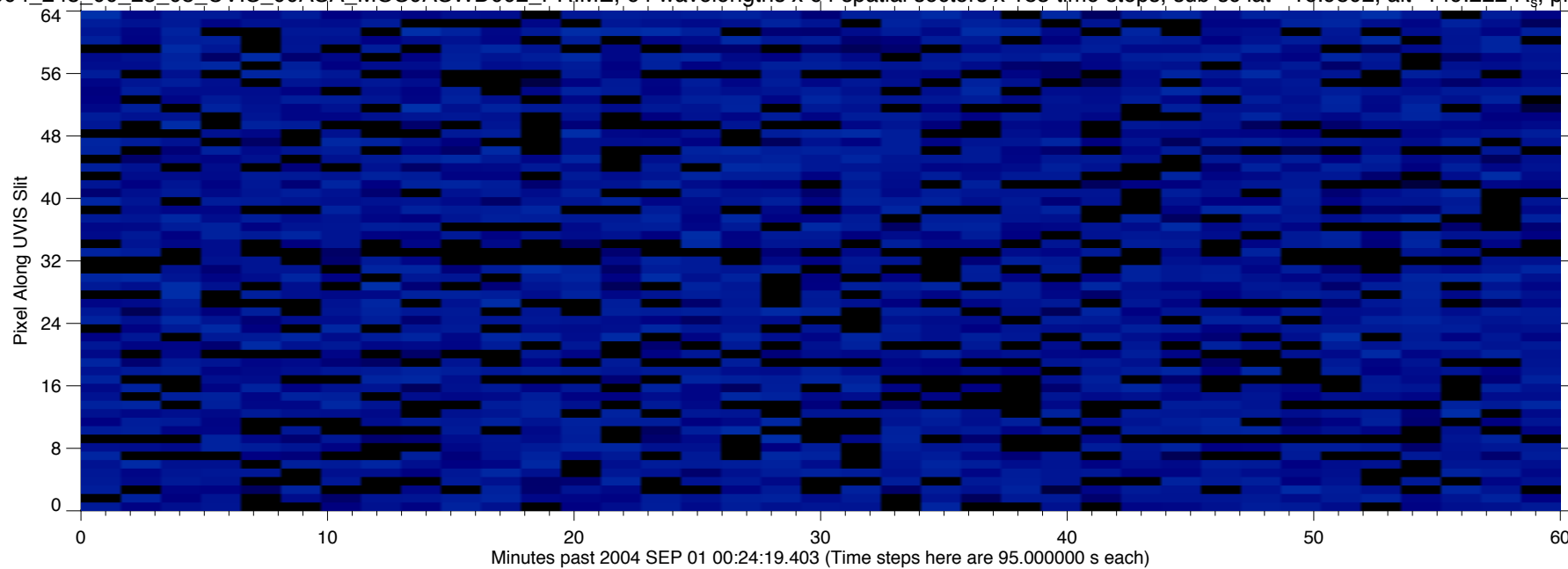
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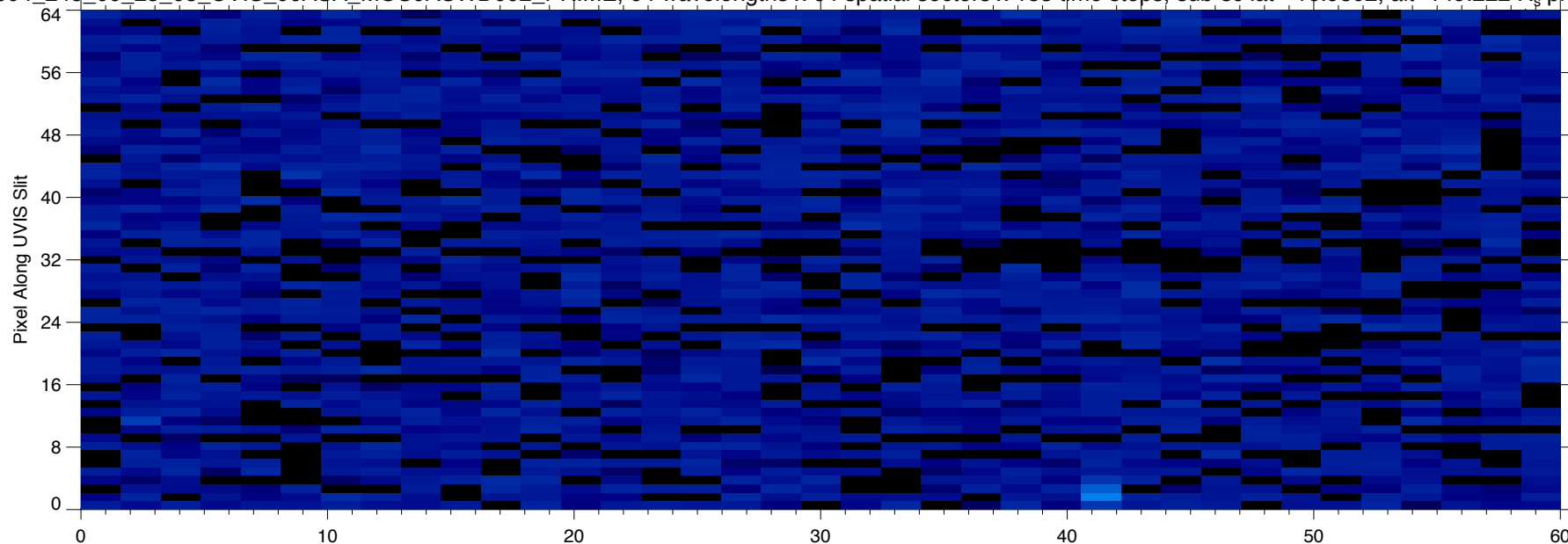
FUV2004_245_00_25_08_UVIS_00ASA_MOS0ASWD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.9802, alt=149.222 R_s, phase=85.4956



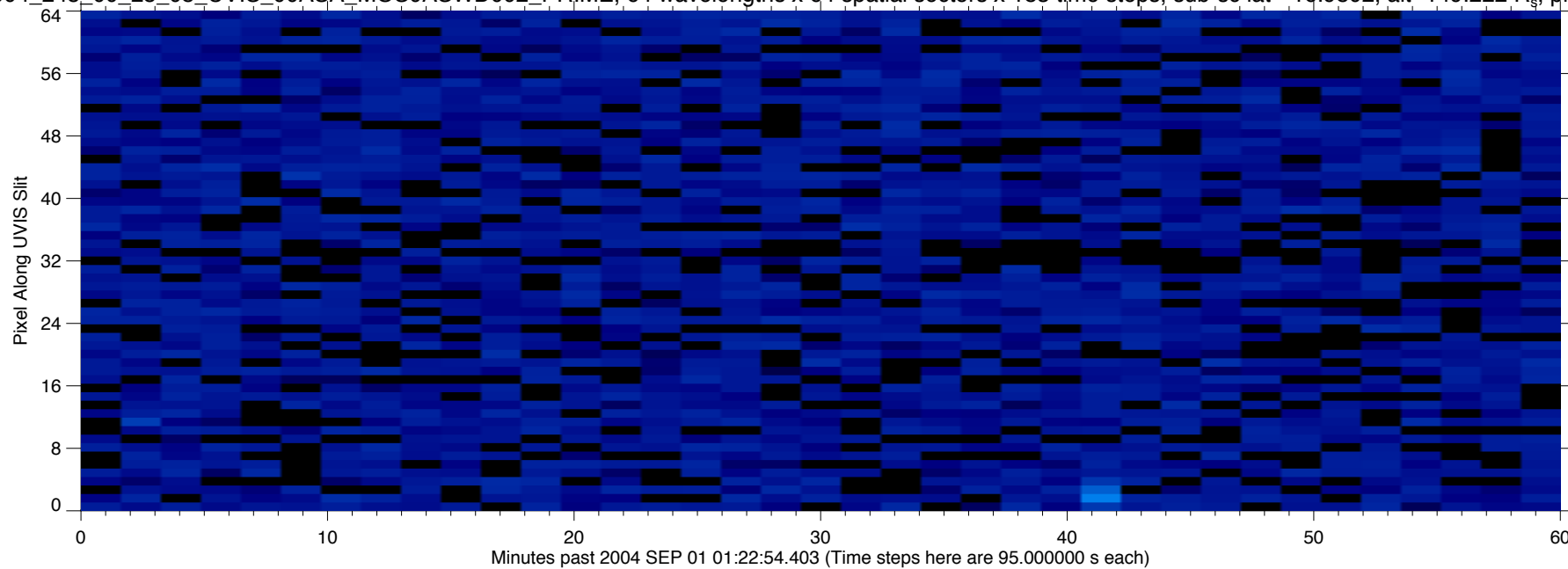
FUV2004_245_00_25_08_UVIS_00ASA_MOS0ASWD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.9802, alt=149.222 R_s, phase=85.4956



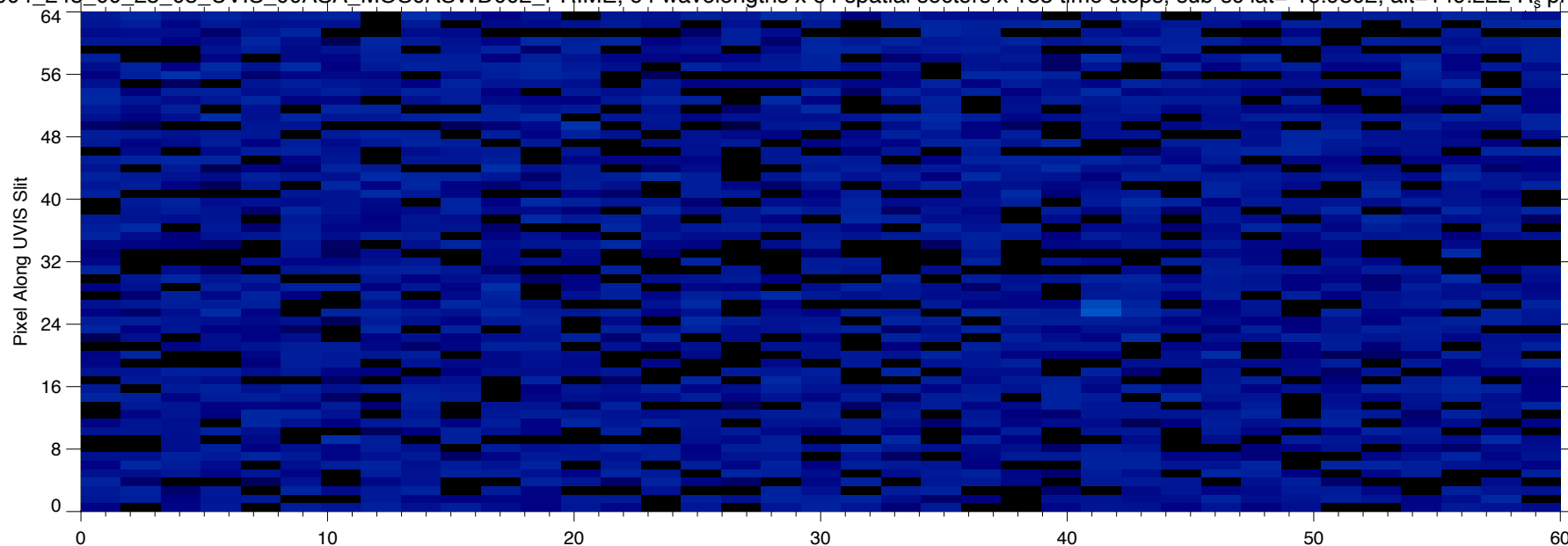
FUV2004_245_00_25_08_UVIS_00ASA_MOS0ASWD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.9802, alt=149.222 R_s, phase=85.4956



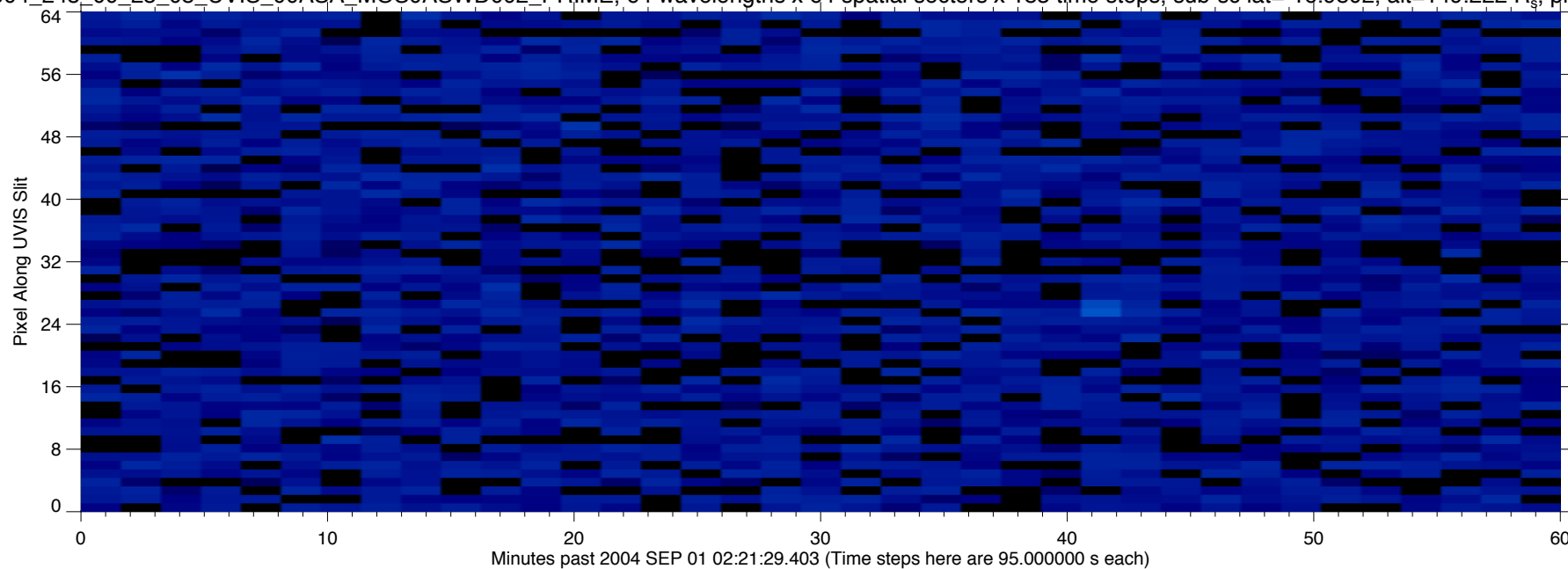
FUV2004_245_00_25_08_UVIS_00ASA_MOS0ASWD002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.9802, alt=149.222 R_s, phase=85.4956



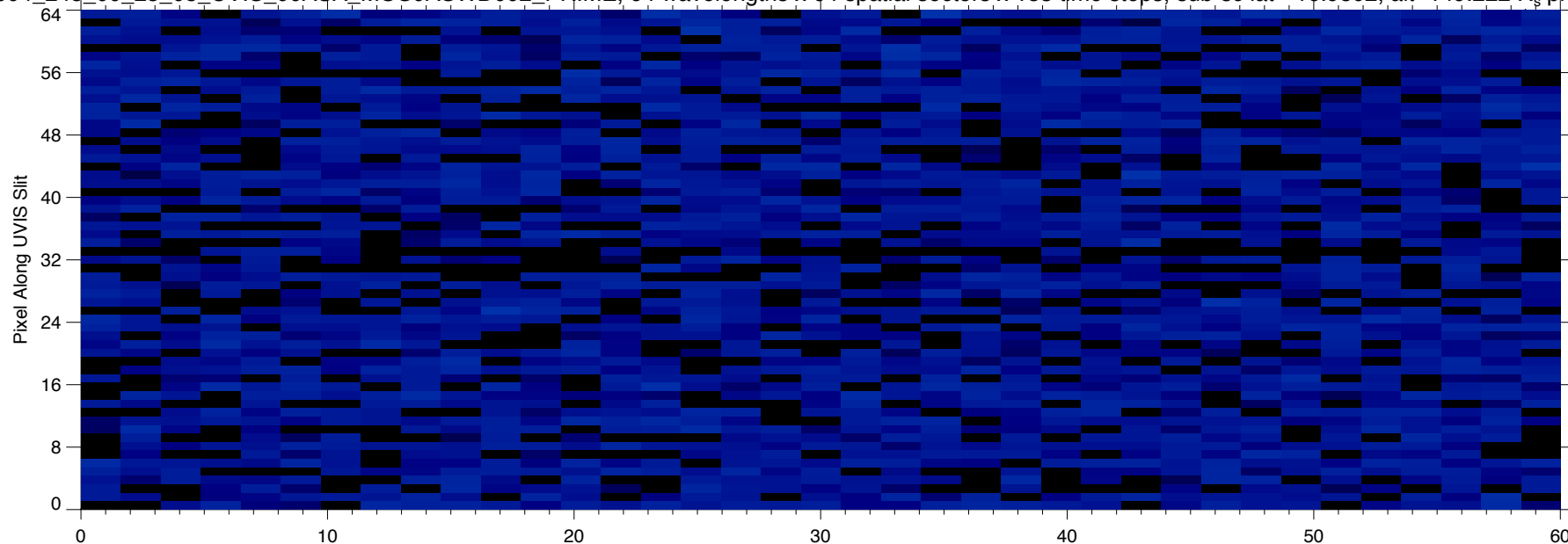
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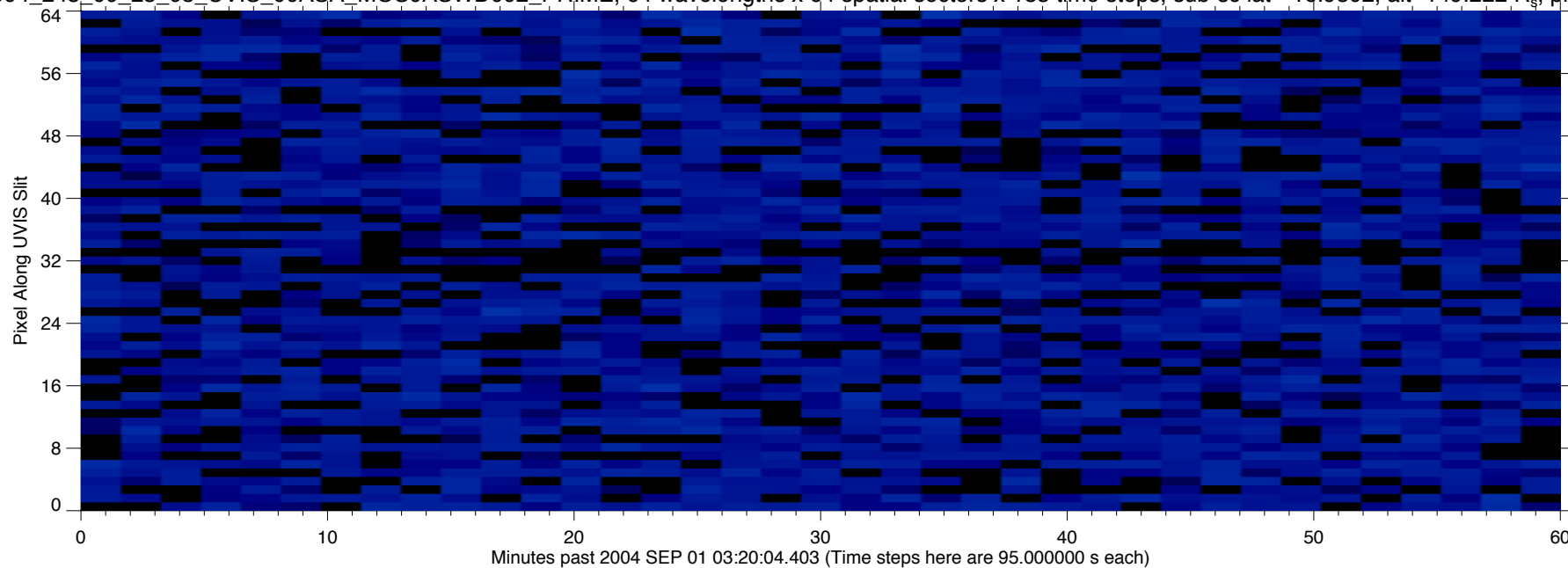
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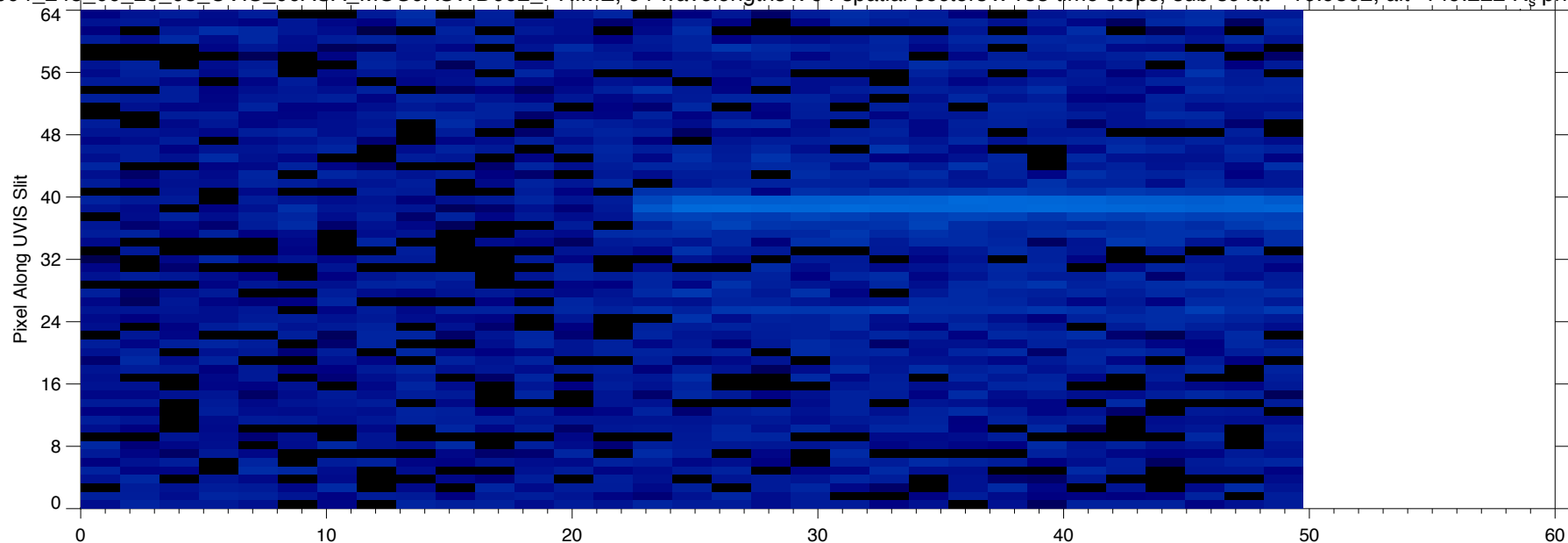
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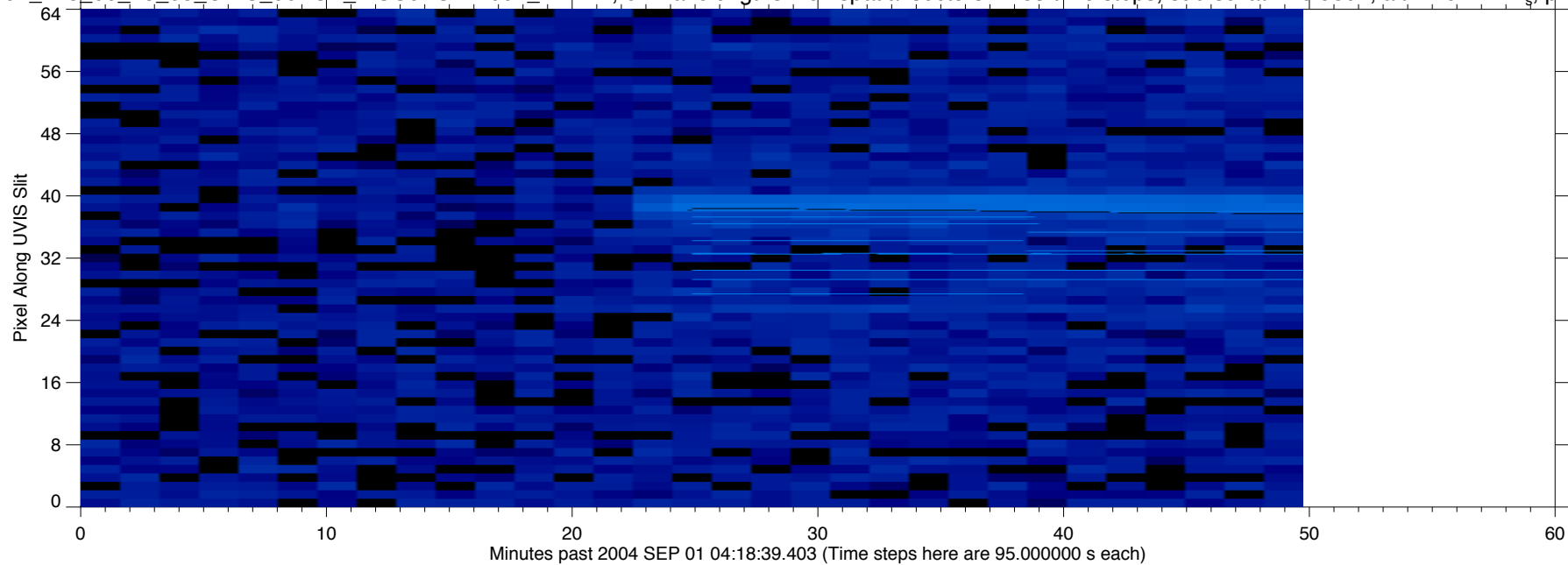
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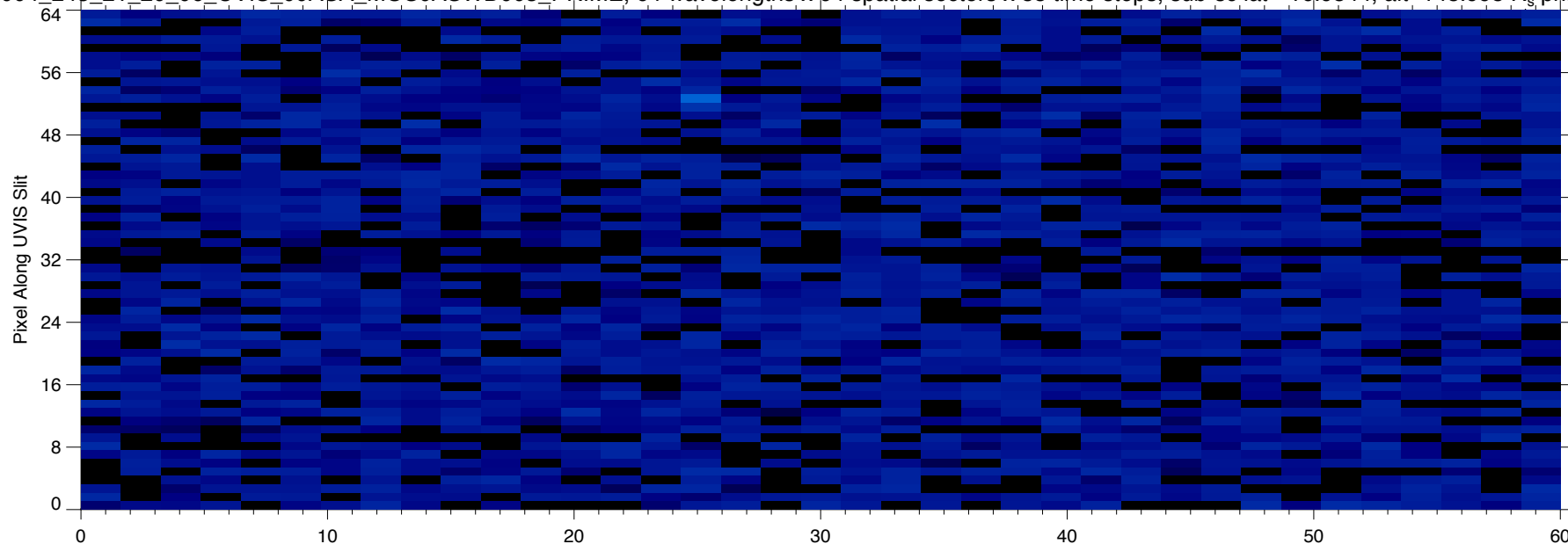
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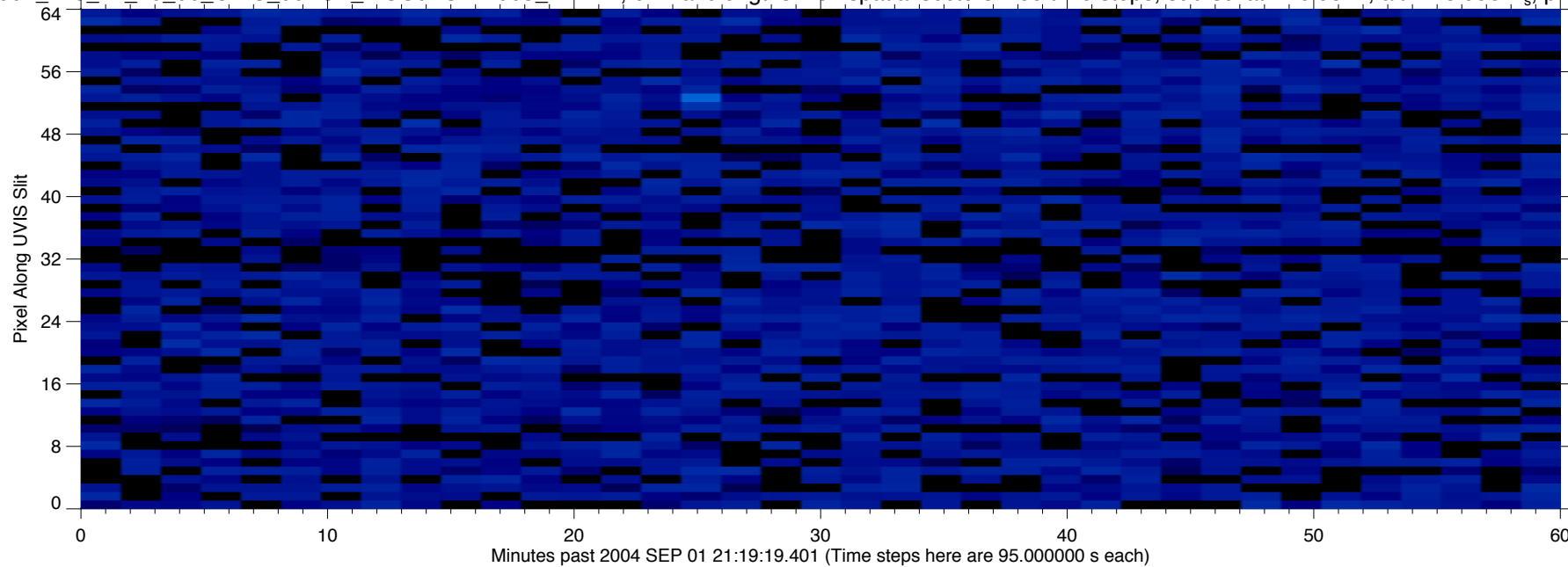
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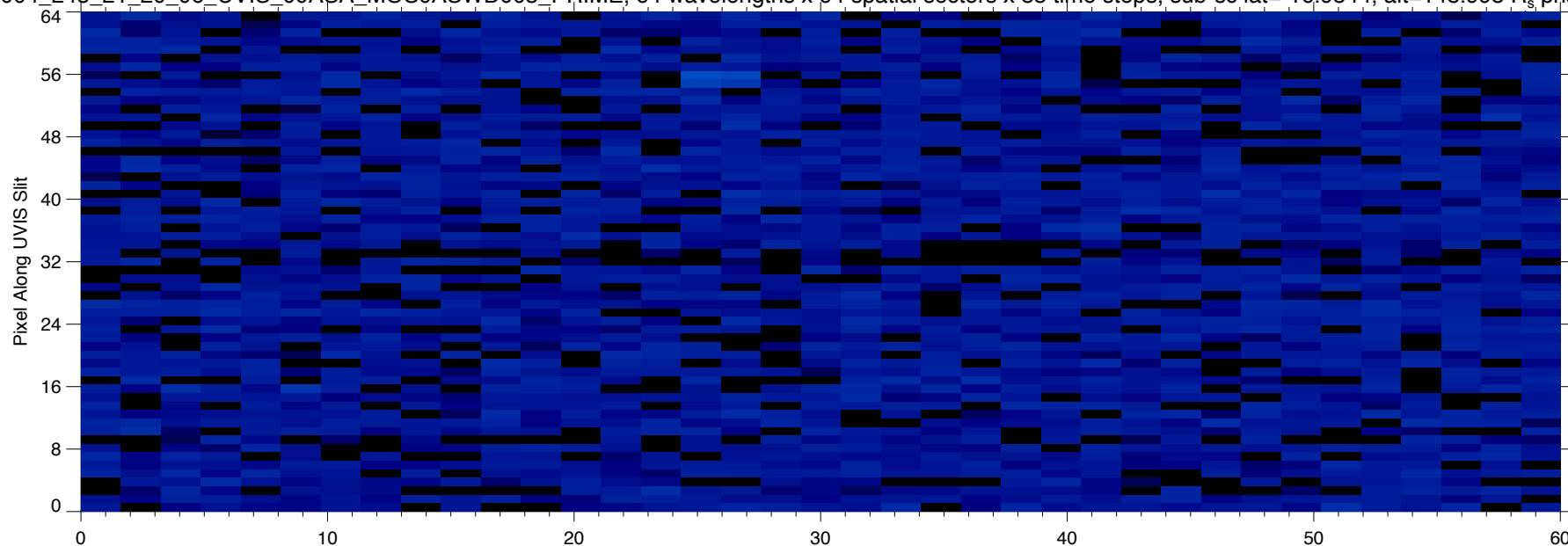
FUV2004_245_21_20_06_UVIS_00ASA_MOS0ASWD003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-16.9544, alt=148.998 R_s phase=85.2504



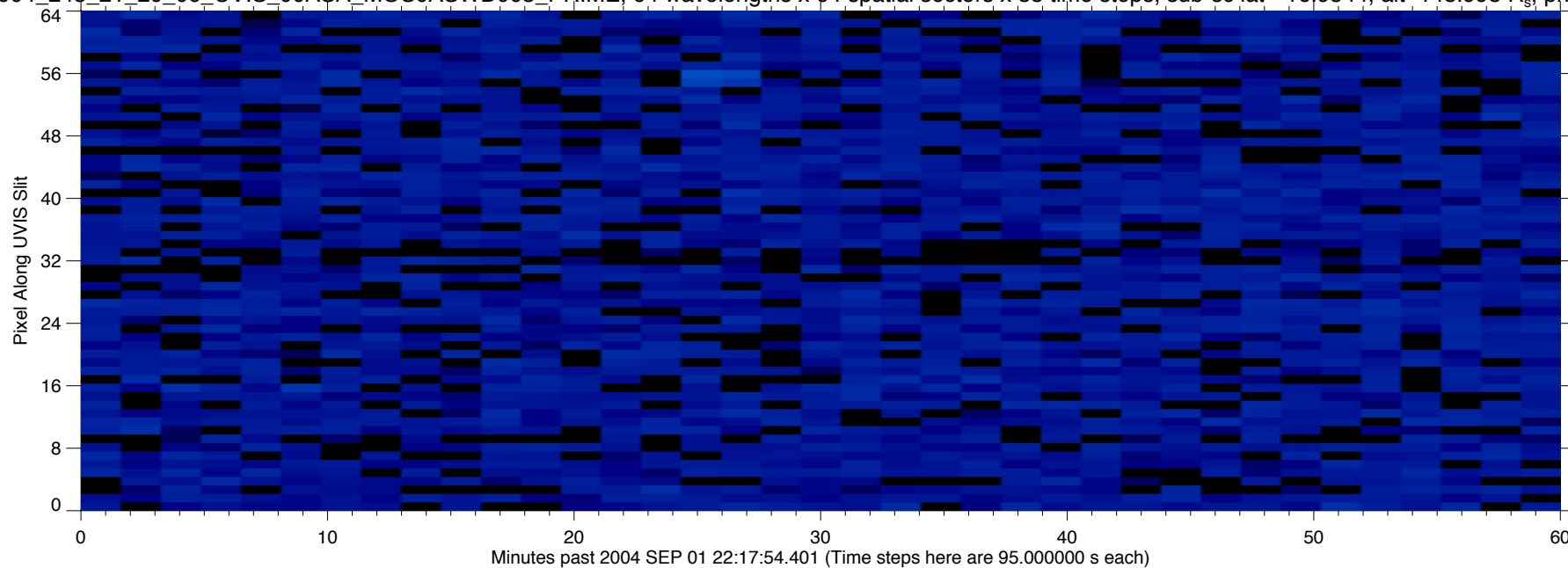
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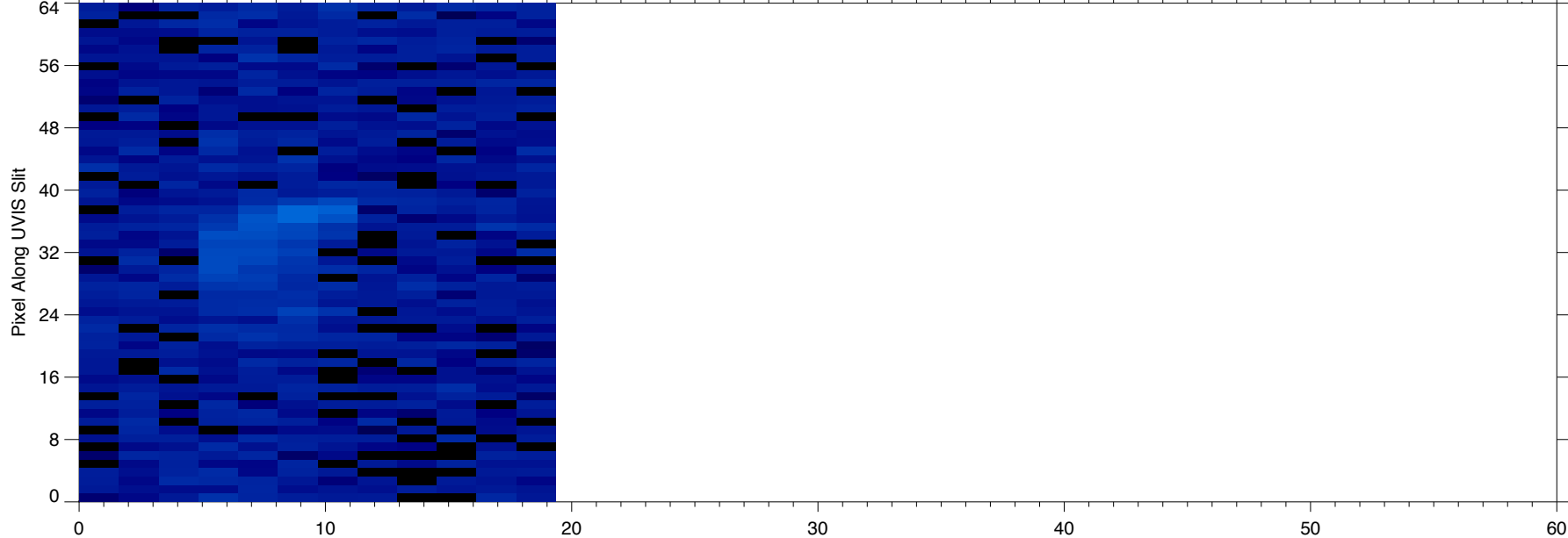
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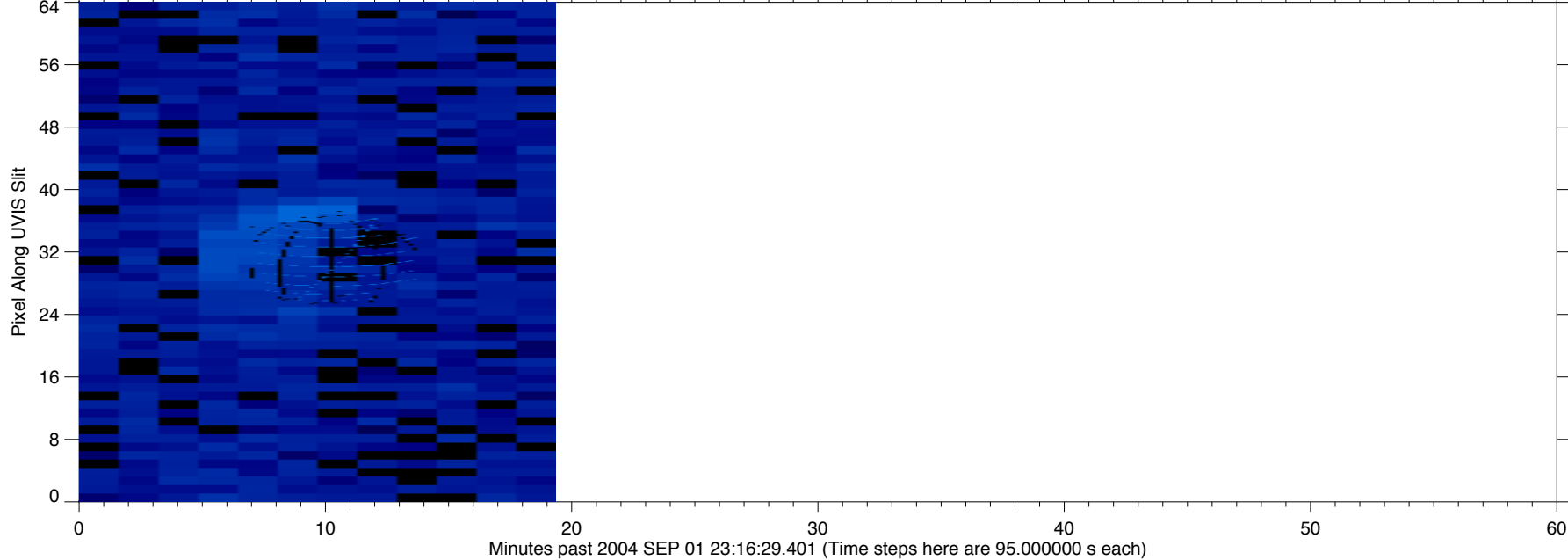
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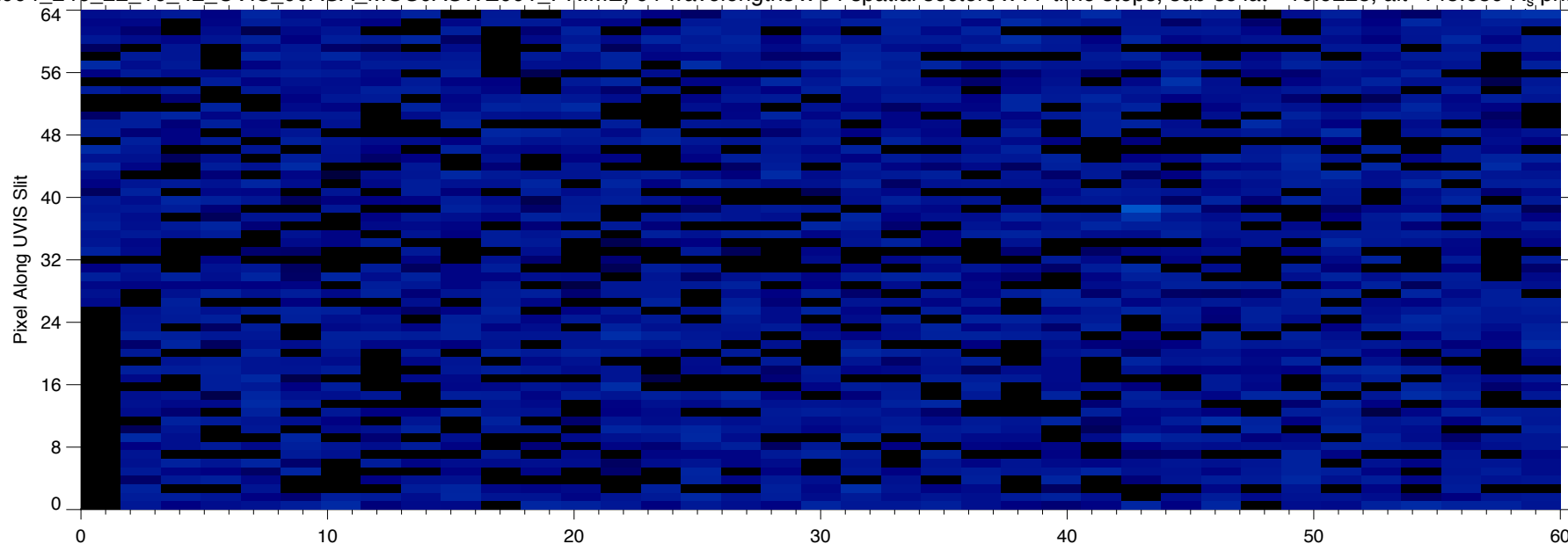
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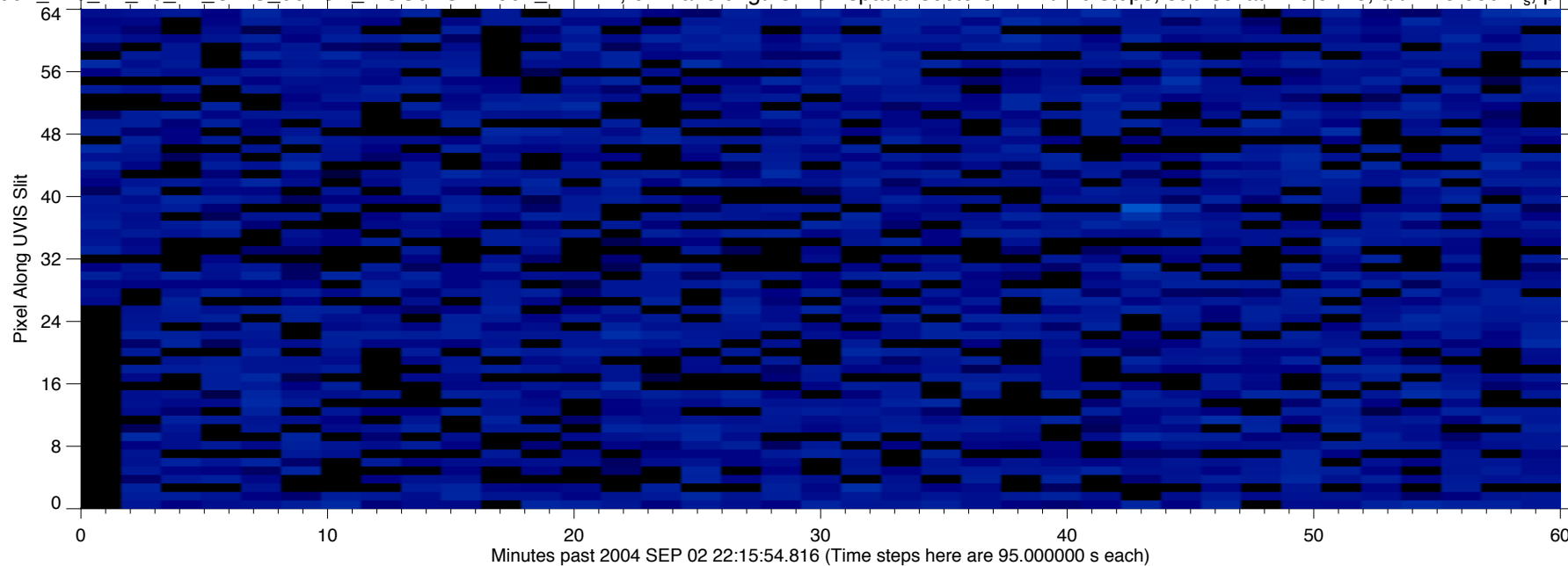
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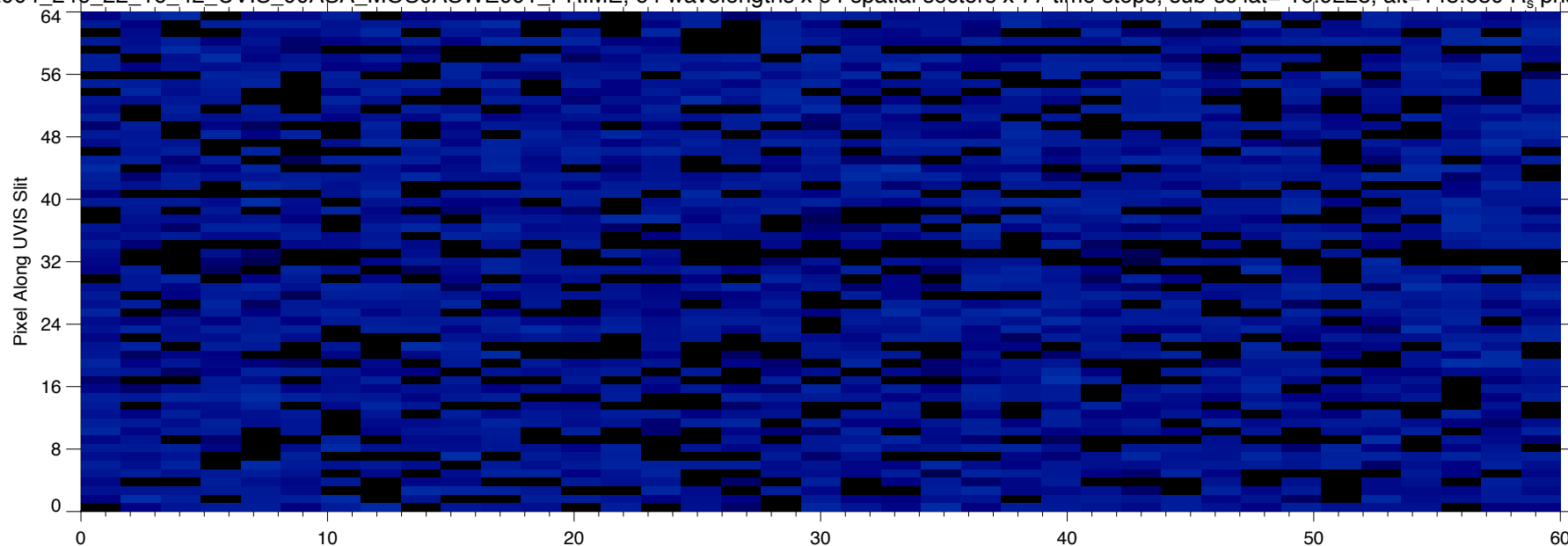
FUV2004_246_22_16_42_UVIS_00ASA_MOS0ASWE001_PRIME, 64 wavelengths x 64 spatial sectors x 77 time steps, sub-sc lat=-16.9228, alt=148.680 R_s, phase=84.9567



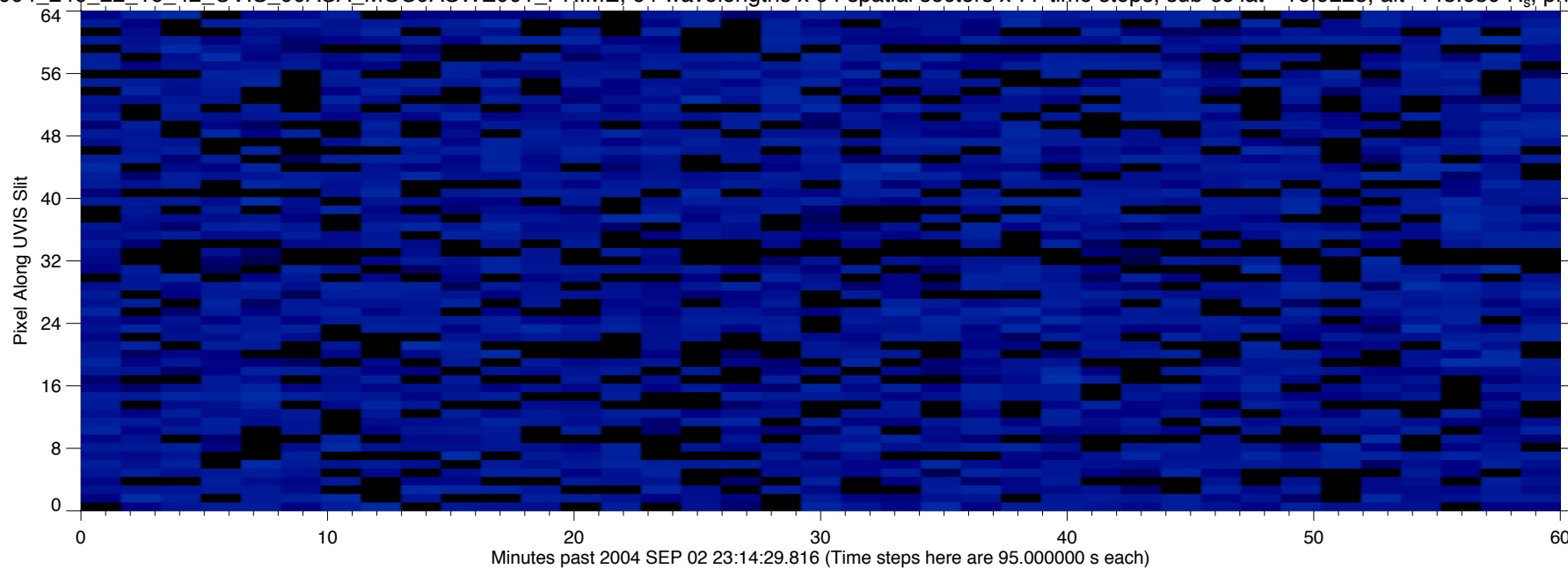
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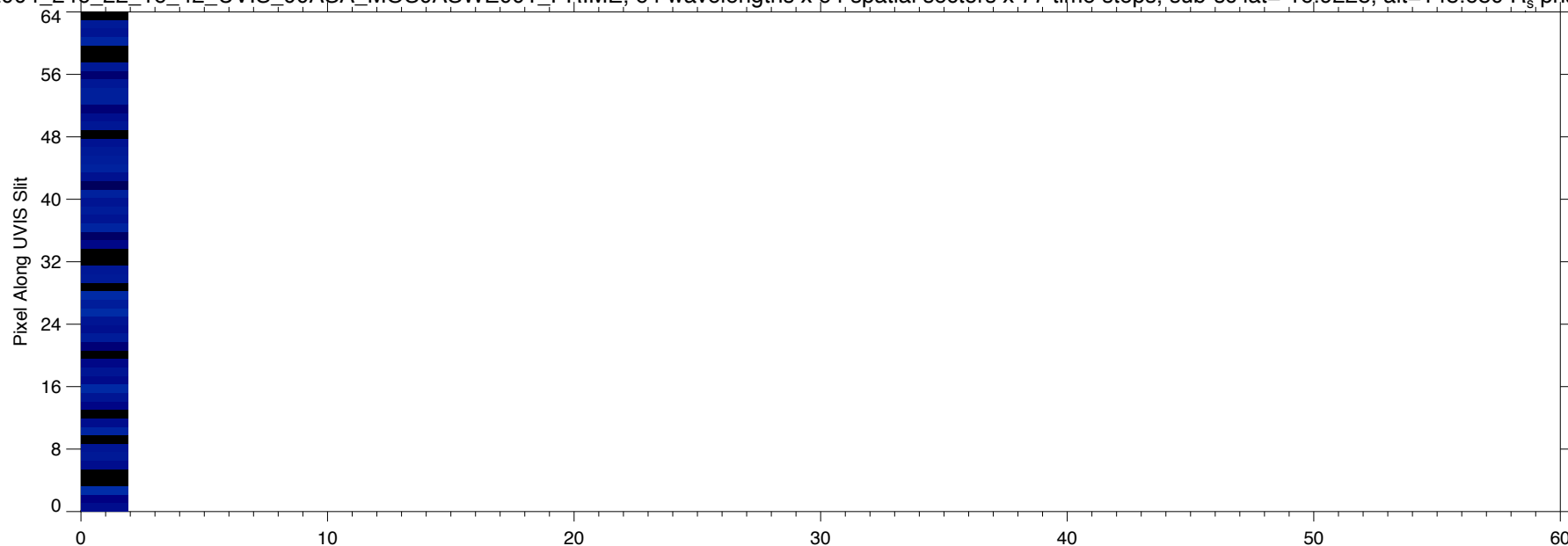
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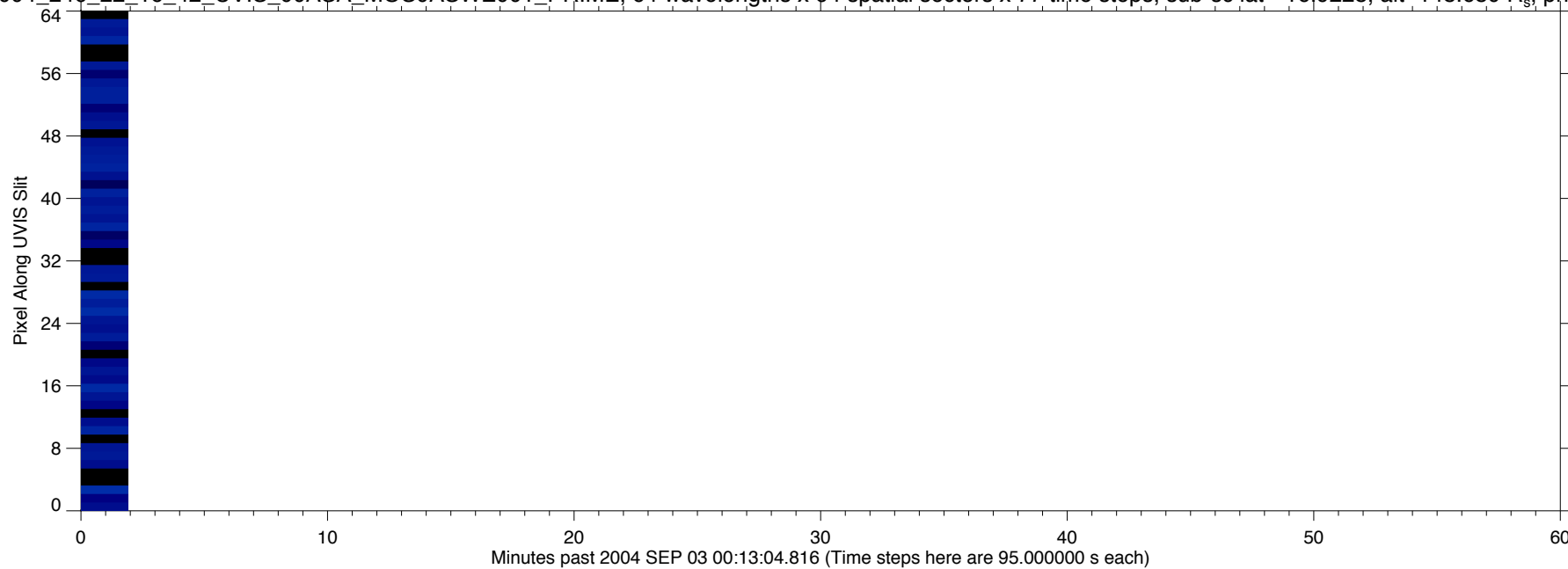
FUV2004_246_22_16_42_UVIS_00ASA_MOS0ASWE001_PRIME, 64 wavelengths x 64 spatial sectors x 77 time steps, sub-sc lat=-16.9228, alt=148.680 R_s, phase=84.9567



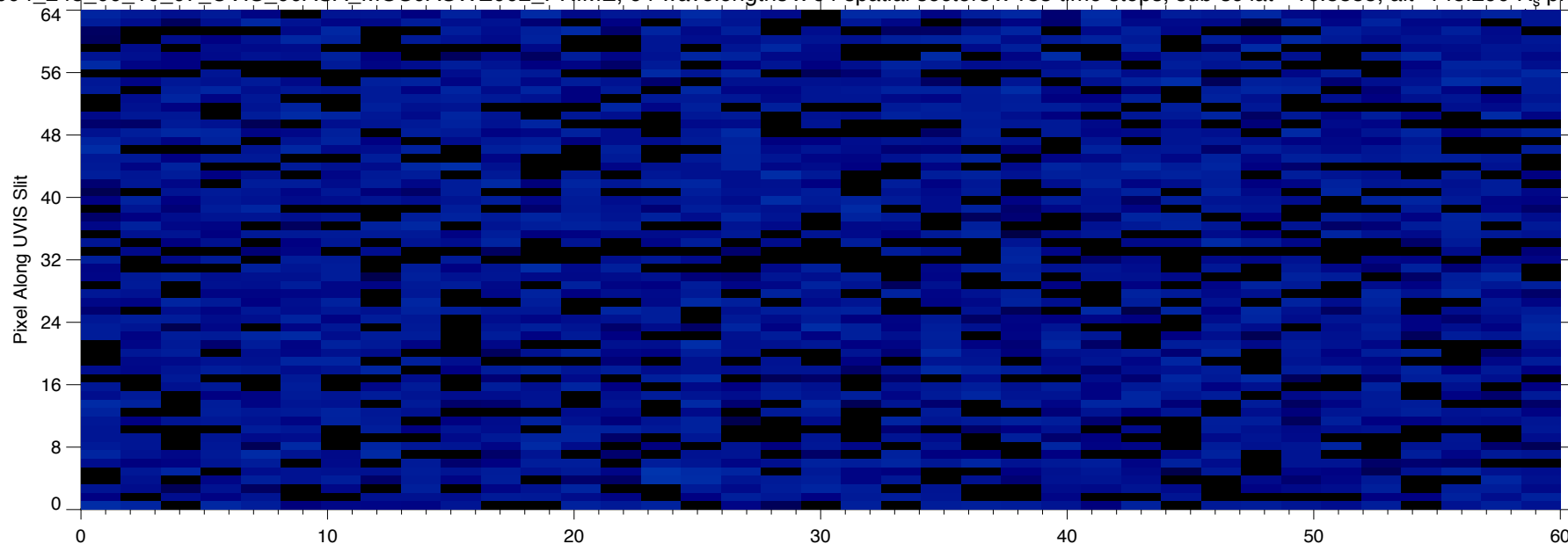
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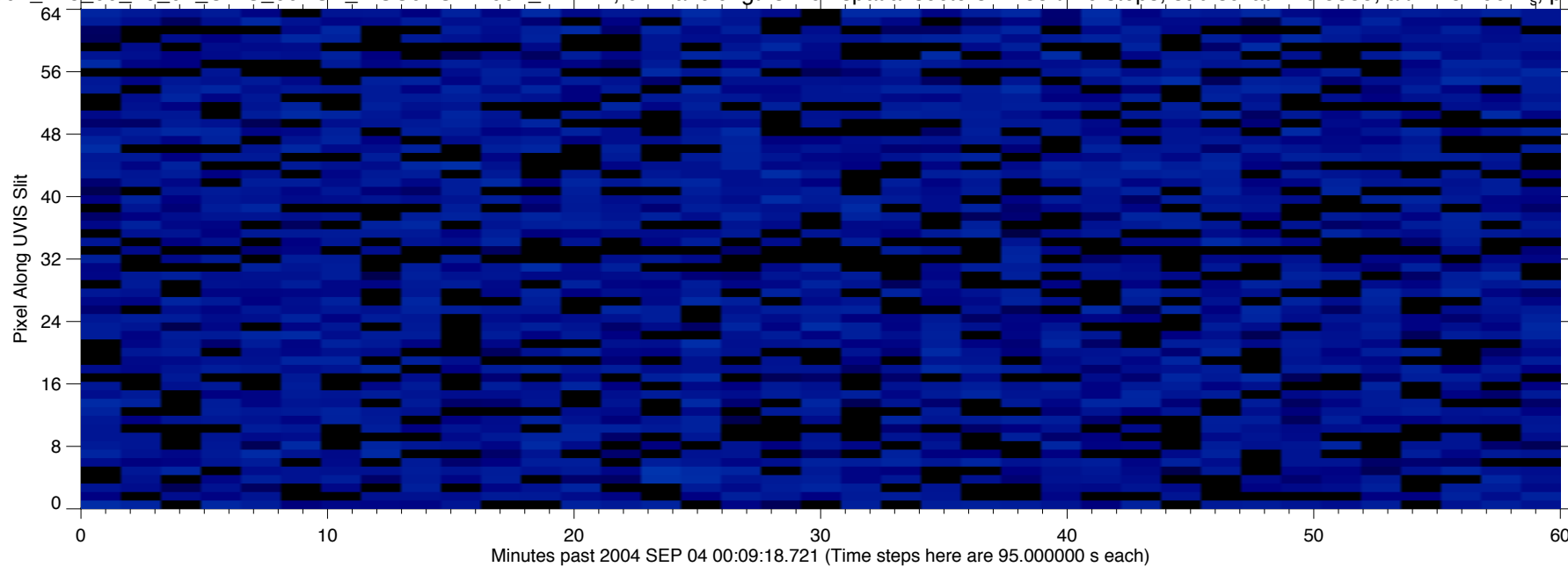
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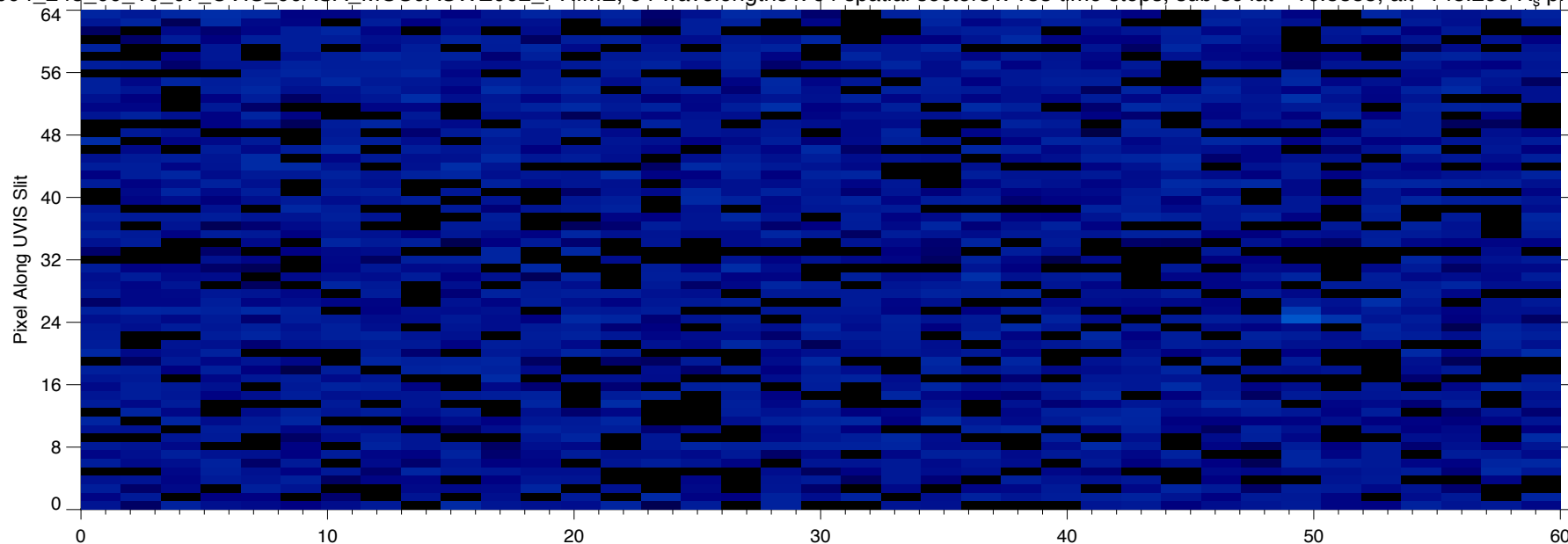
FUV2004_248_00_10_07_UVIS_00ASA_MOS0ASWE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.8888, alt=148.290 R_s, phase=84.6501



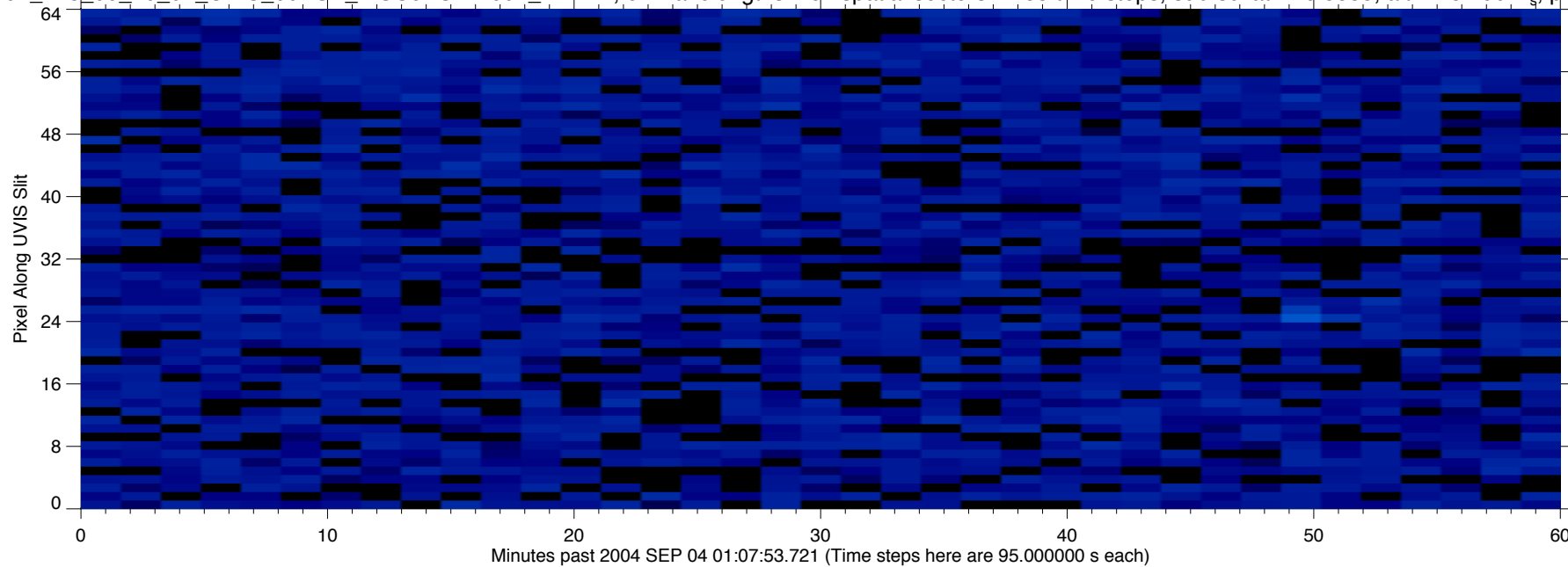
FUV2004_248_00_10_07_UVIS_00ASA_MOS0ASWE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.8888, alt=148.290 R_s, phase=84.6501



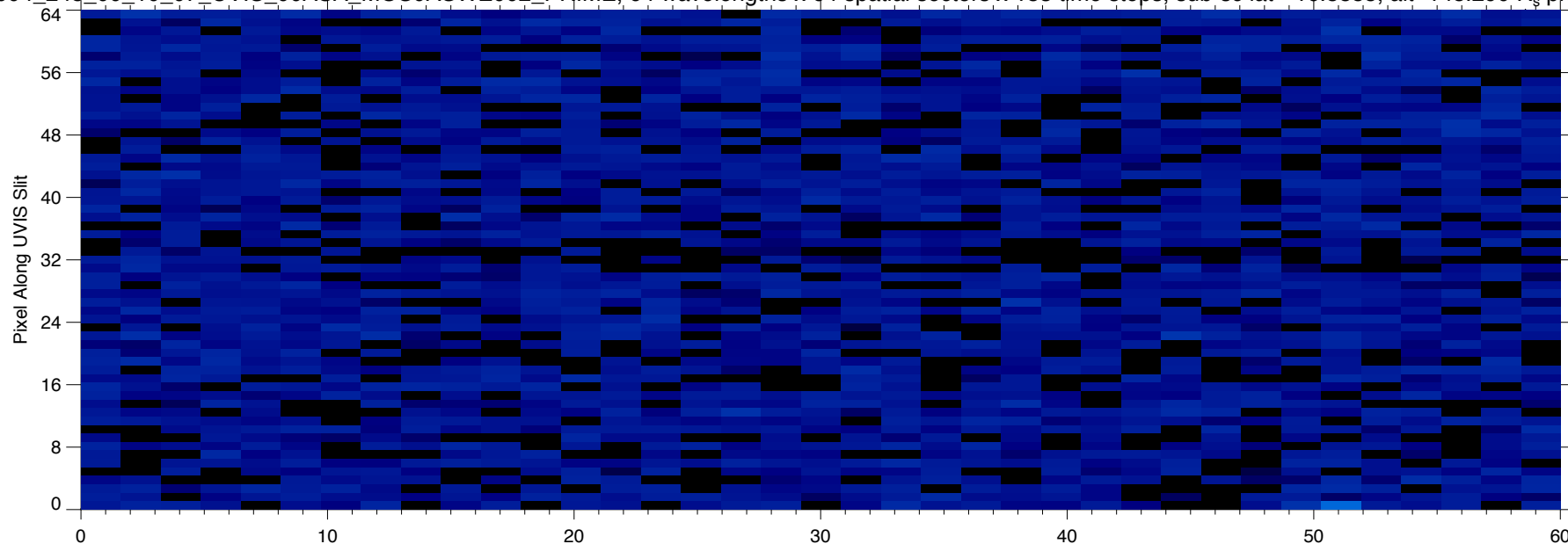
FUV2004_248_00_10_07_UVIS_00ASA_MOS0ASWE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.8888, alt=148.290 R_s, phase=84.6501



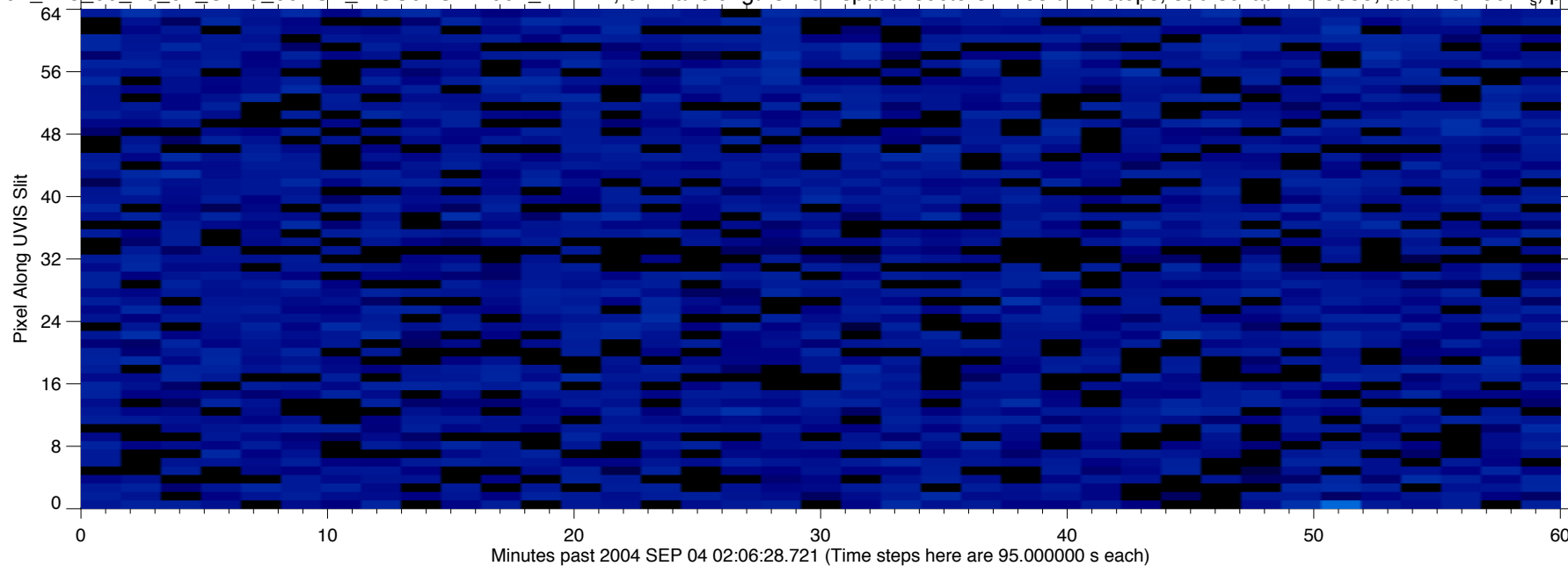
FUV2004_248_00_10_07_UVIS_00ASA_MOS0ASWE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.8888, alt=148.290 R_s, phase=84.6501



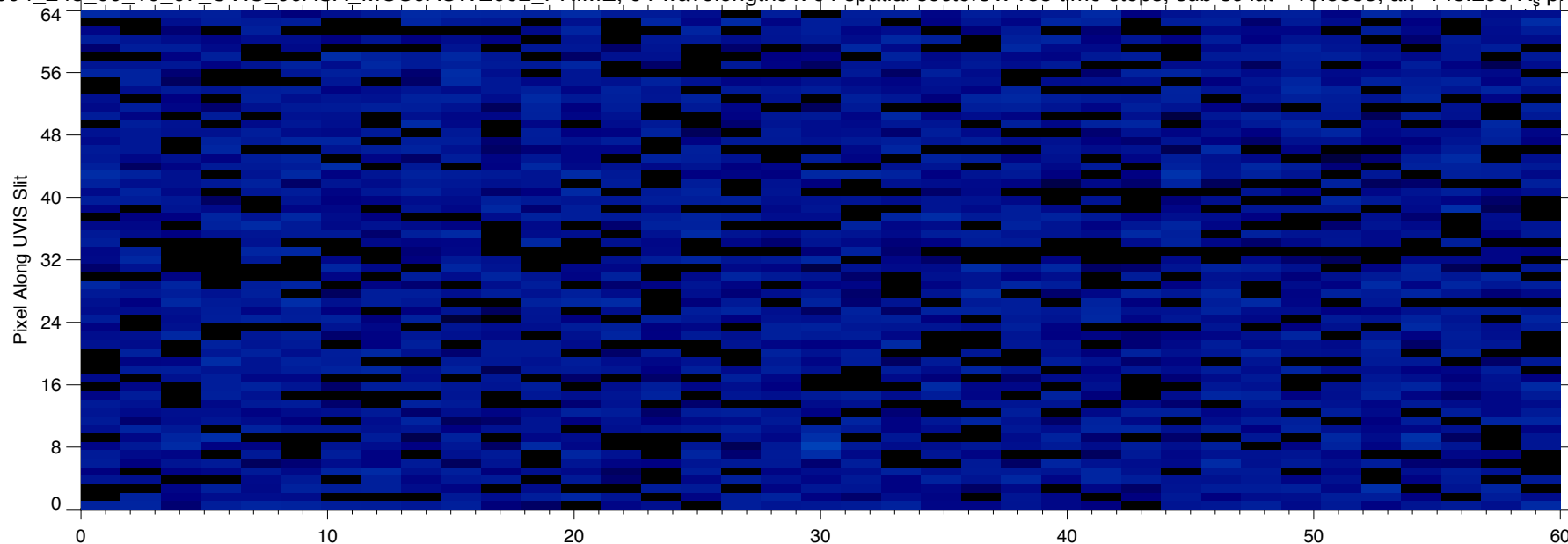
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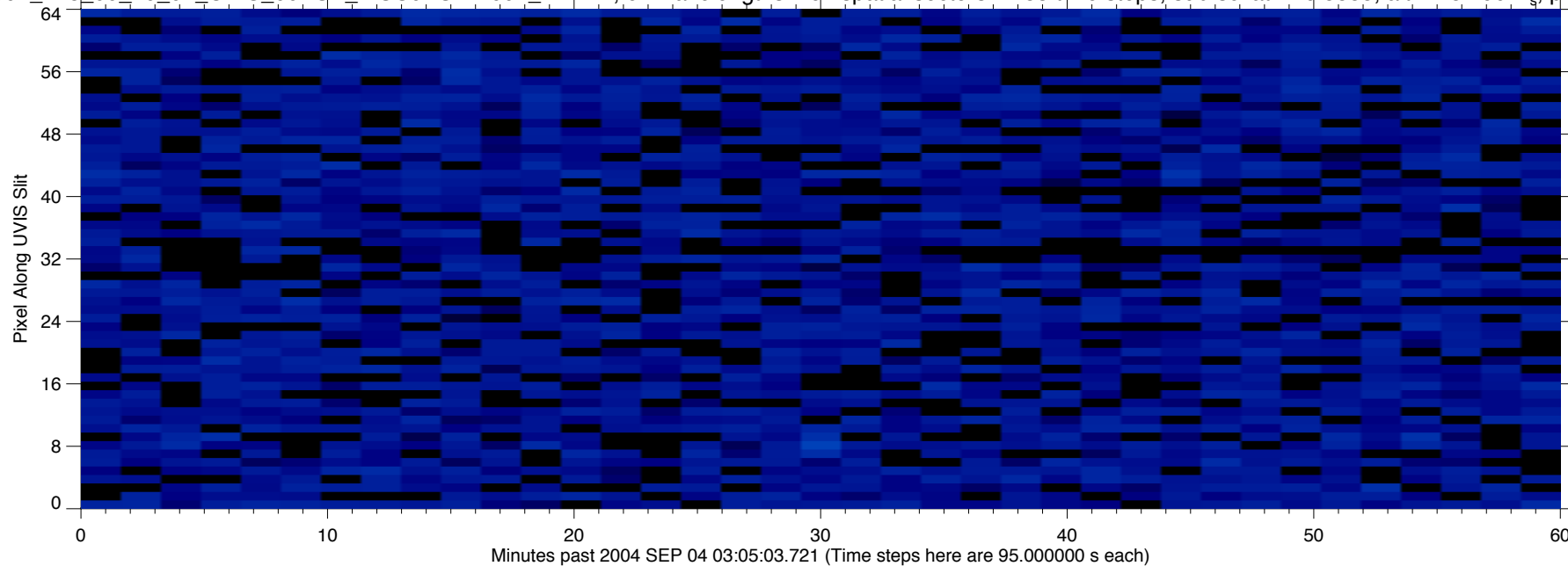
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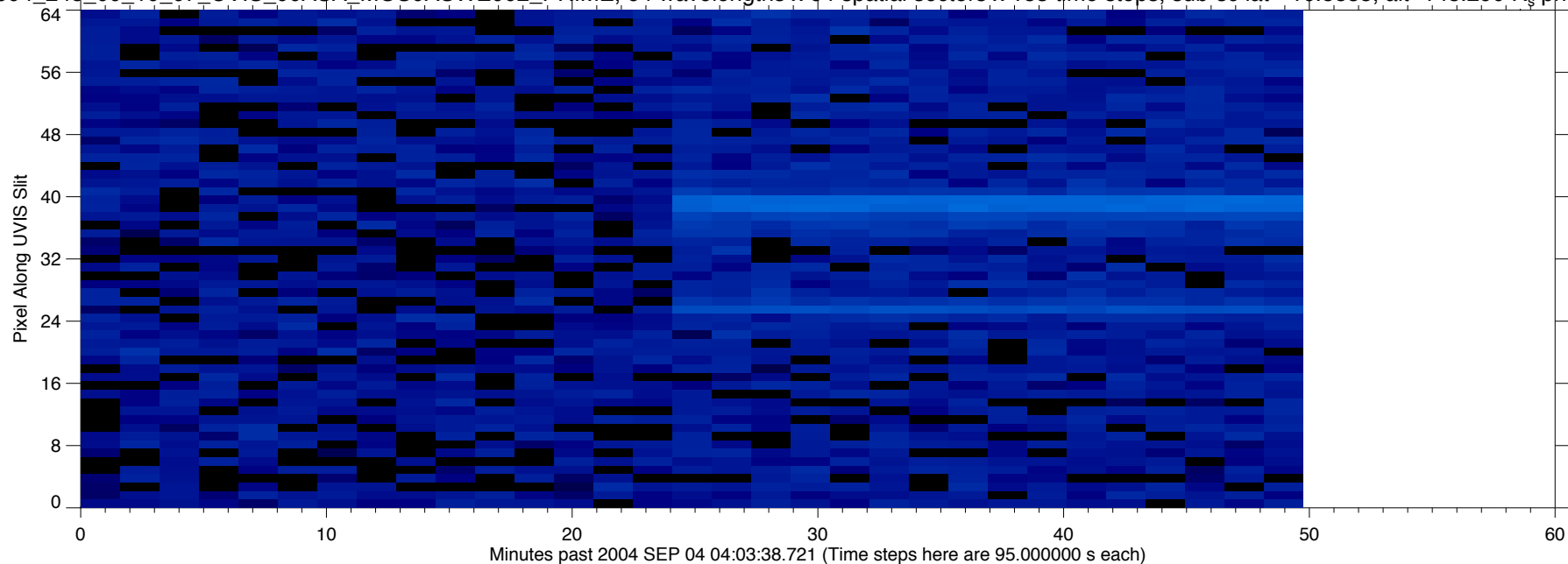
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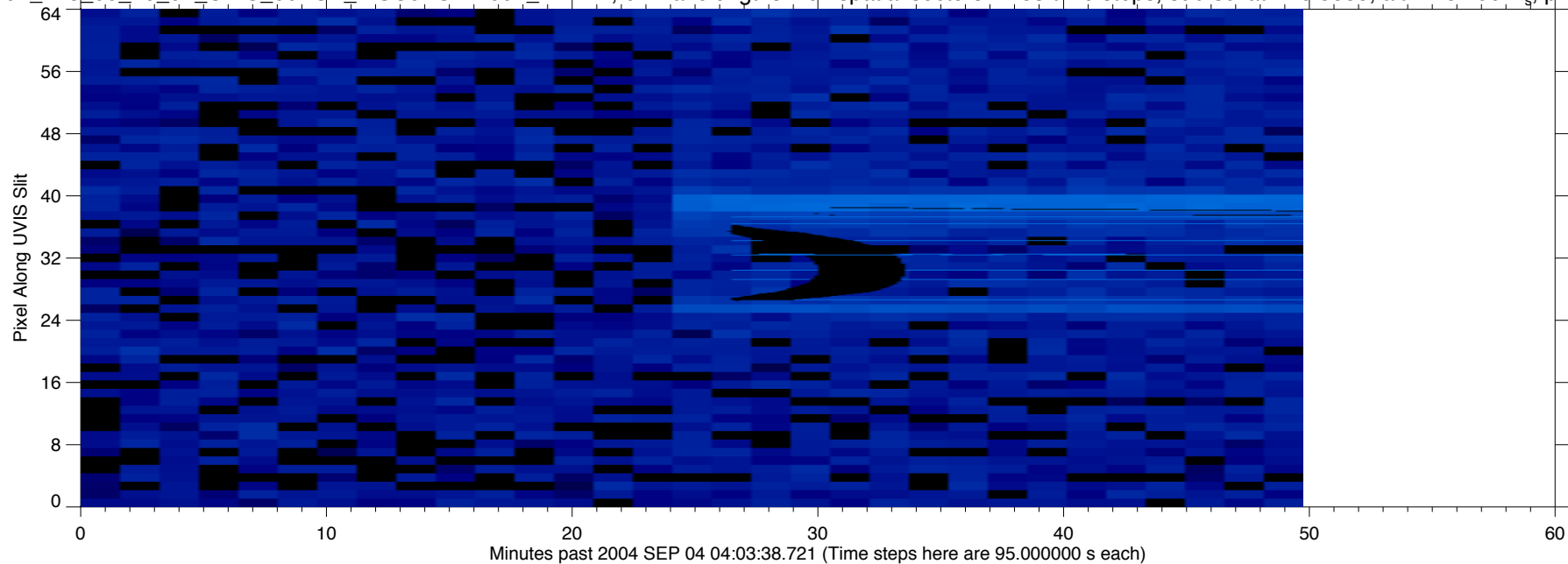
FUV2004_248_00_10_07_UVIS_00ASA_MOS0ASWE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.8888, alt=148.290 R_s, phase=84.6501



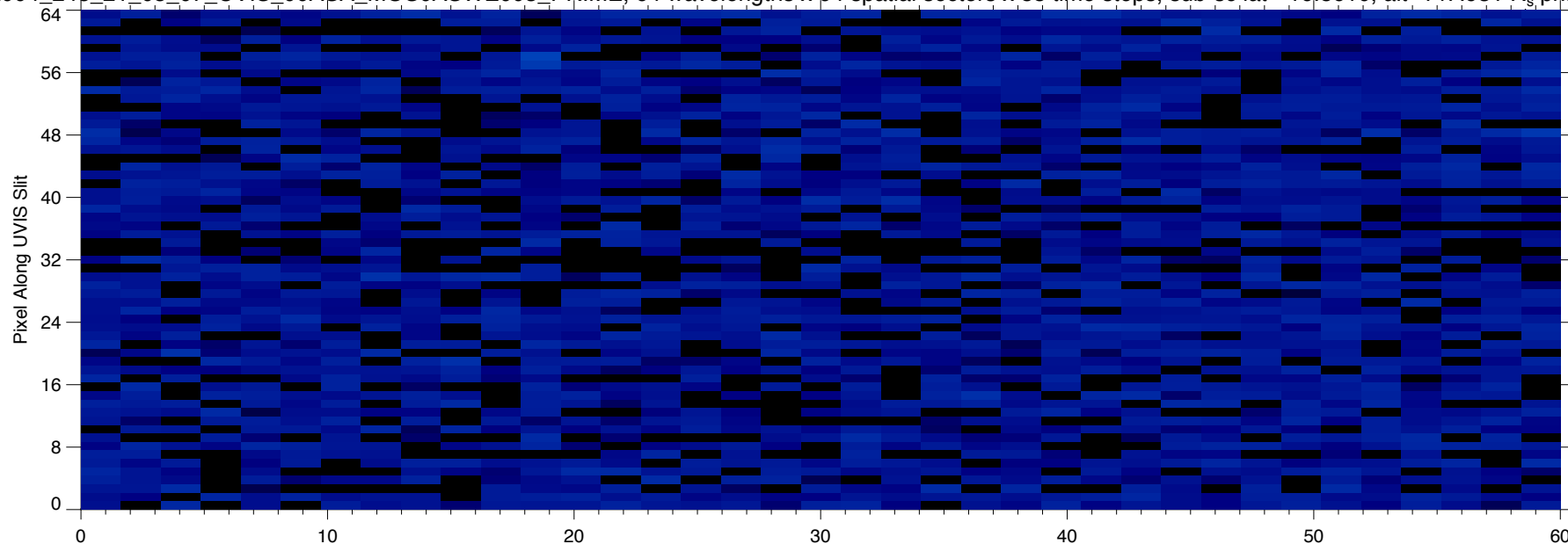
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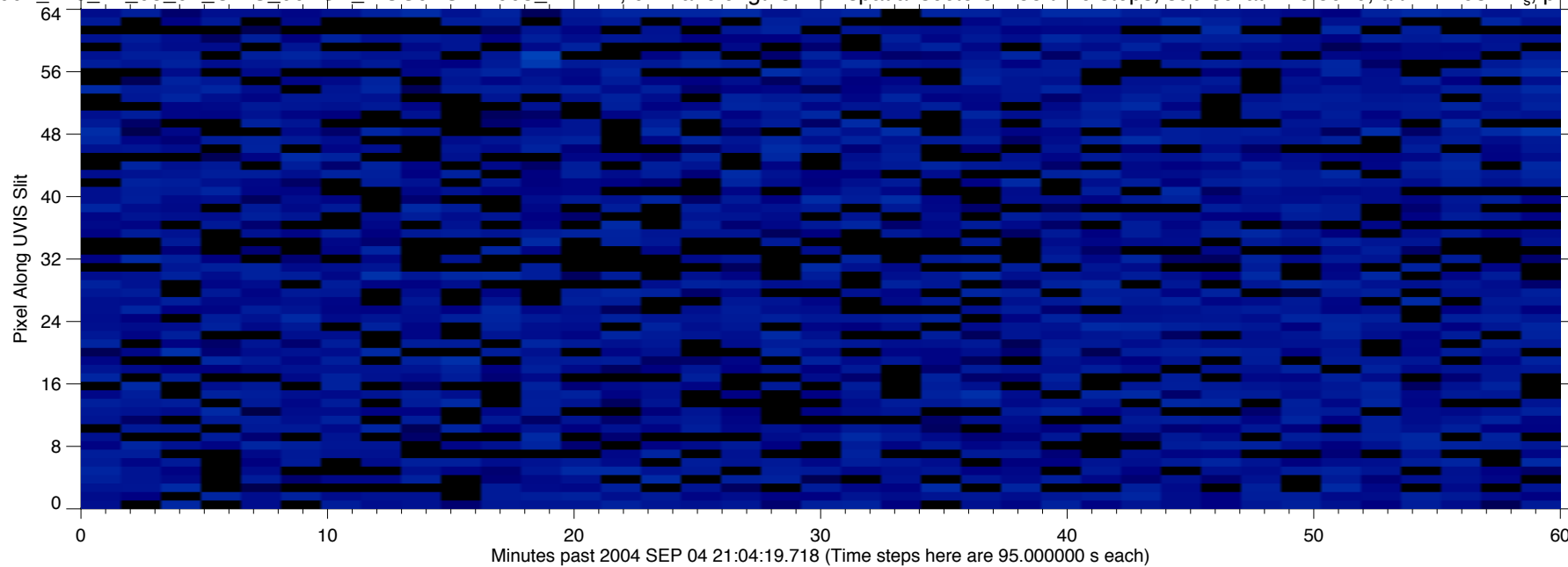
FUV2004_248_00_10_07_UVIS_00ASA_MOS0ASWE002_PRIME, 64 wavelengths x 64 spatial sectors x 183 time steps, sub-sc lat=-16.8888, alt=148.290 R_s, phase=84.6501



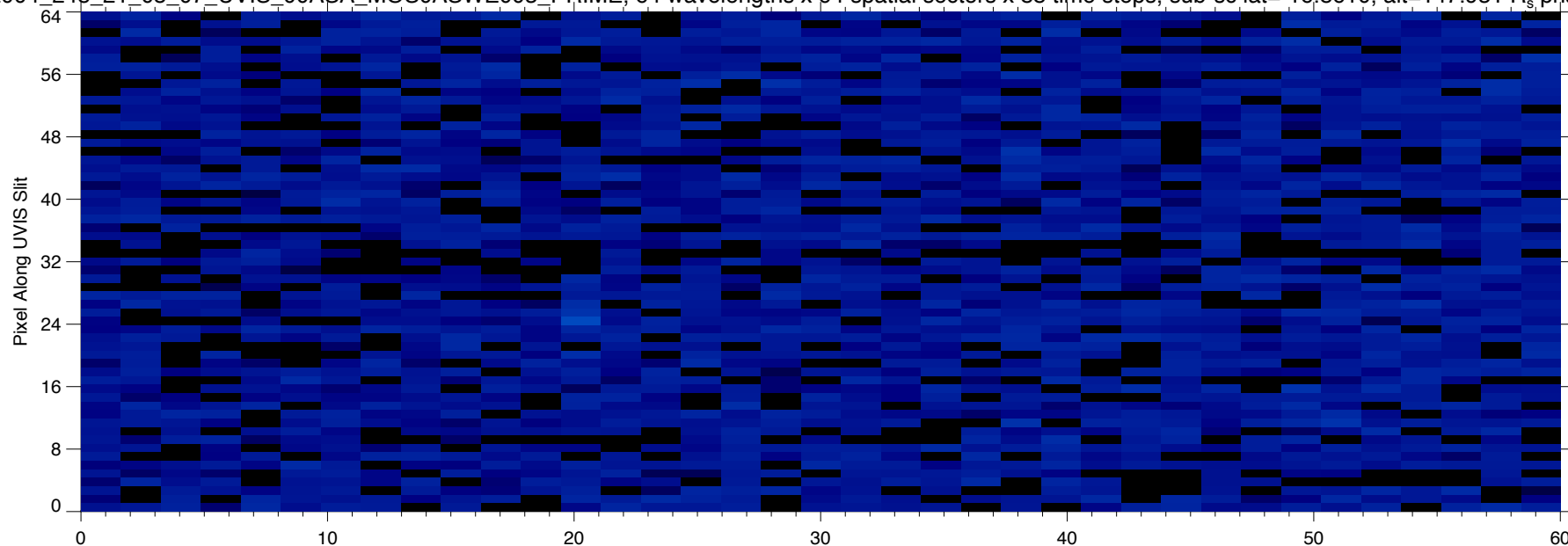
FUV2004_248_21_05_07_UVIS_00ASA_MOS0ASWE003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-16.8610, alt=147.931 R_s, phase=84.4008



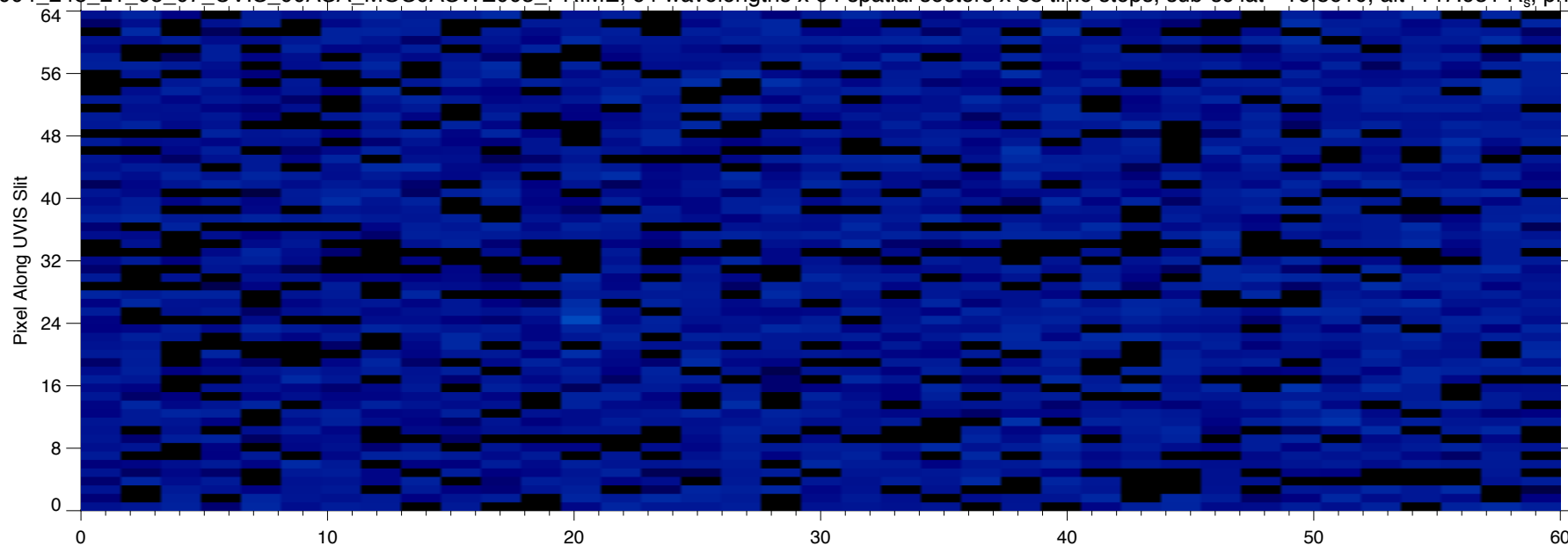
FUV2004_248_21_05_07_UVIS_00ASA_MOS0ASWE003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-16.8610, alt=147.931 R_s, phase=84.4008



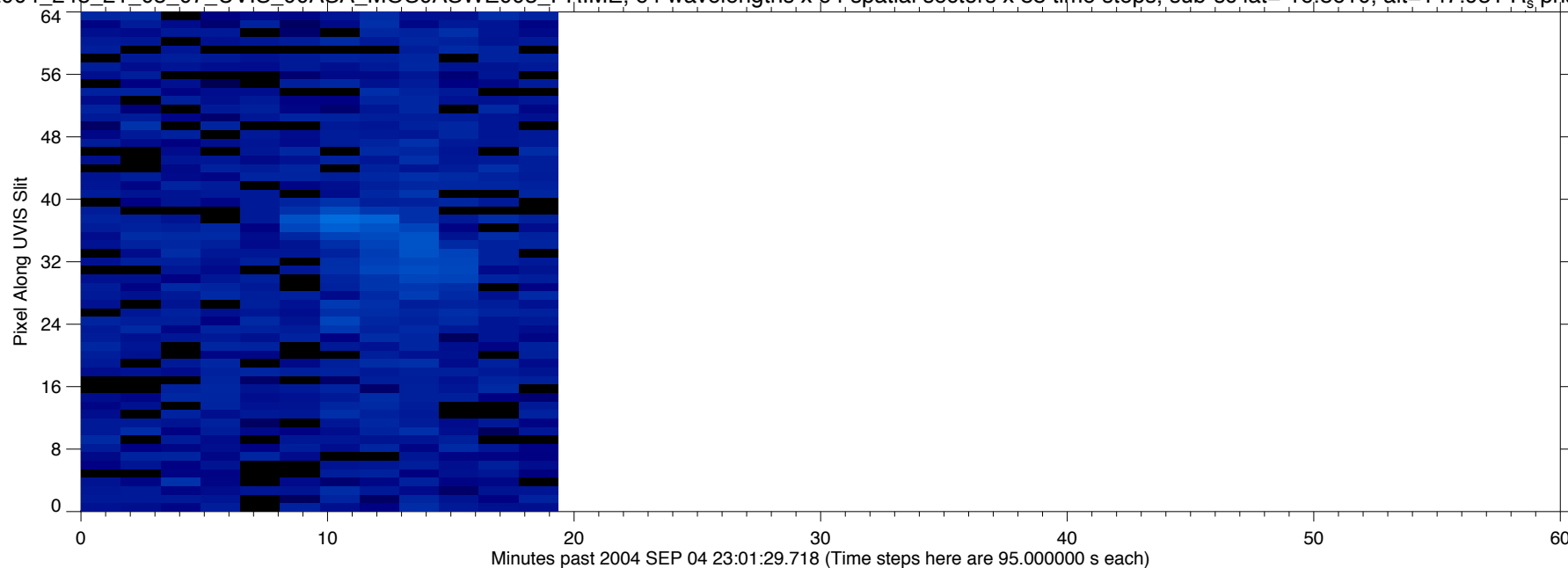
FUV2004_248_21_05_07_UVIS_00ASA_MOS0ASWE003_PRIME, 64 wavelengths x 64 spatial sectors x 88 time steps, sub-sc lat=-16.8610, alt=147.931 R_s, phase=84.4008



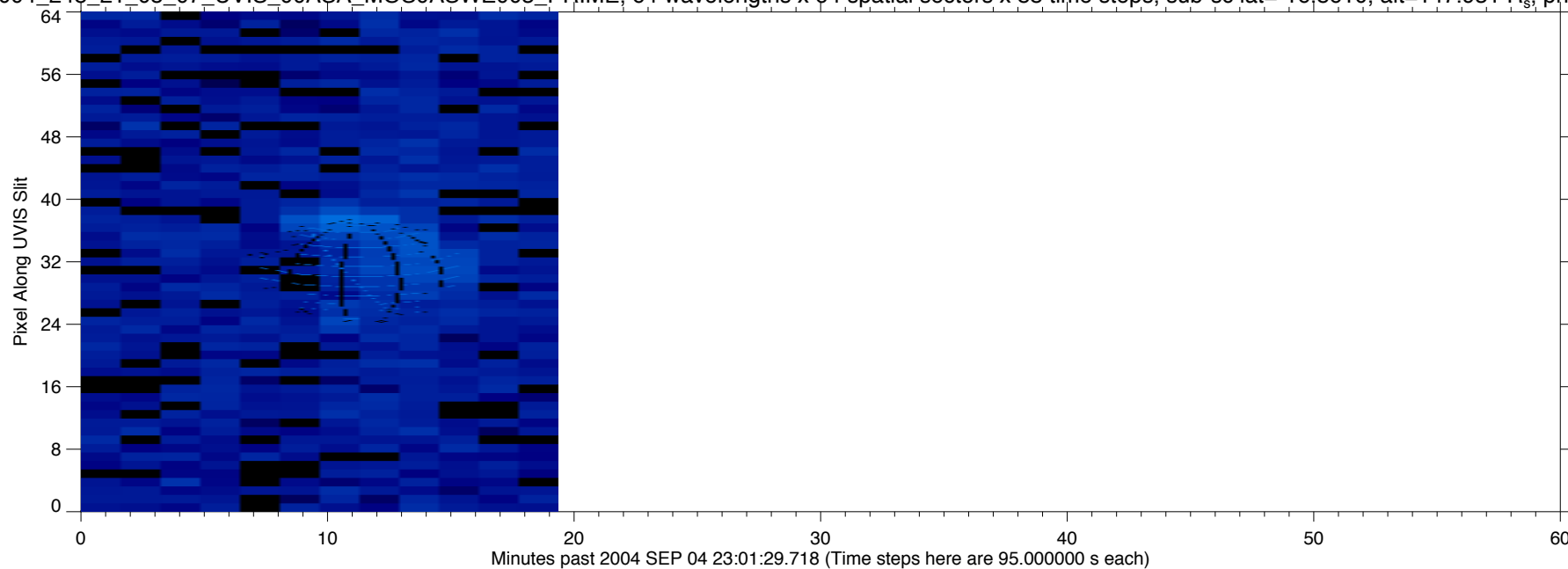
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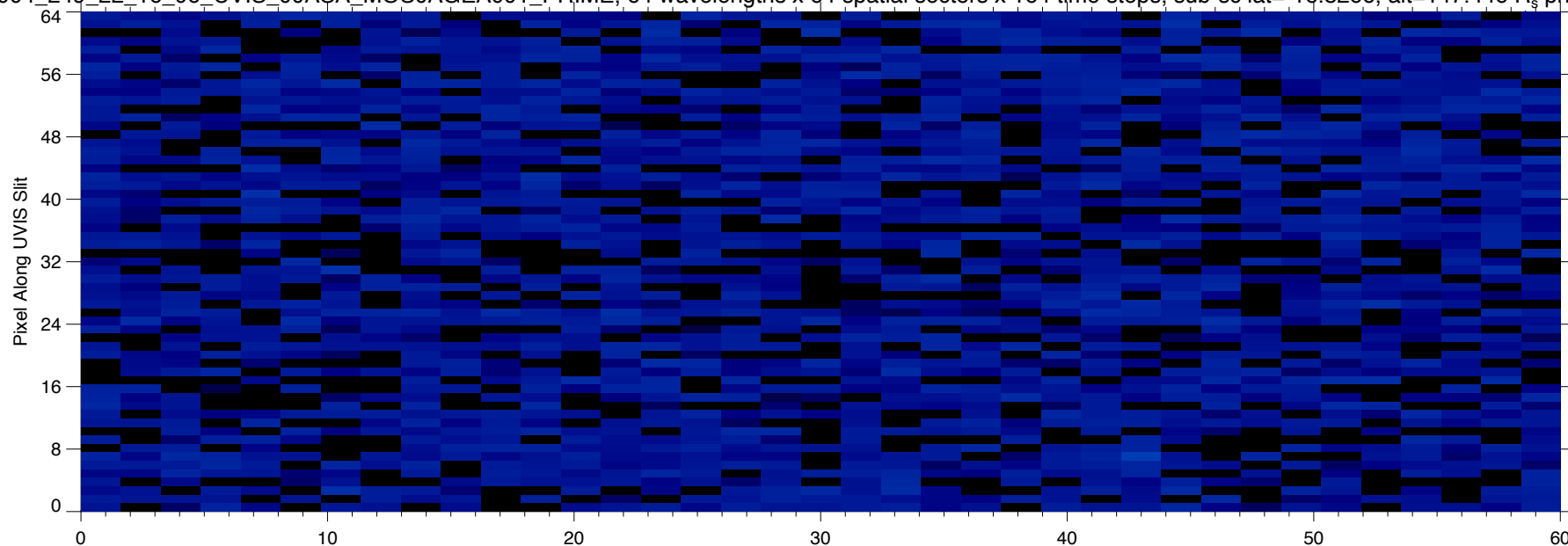
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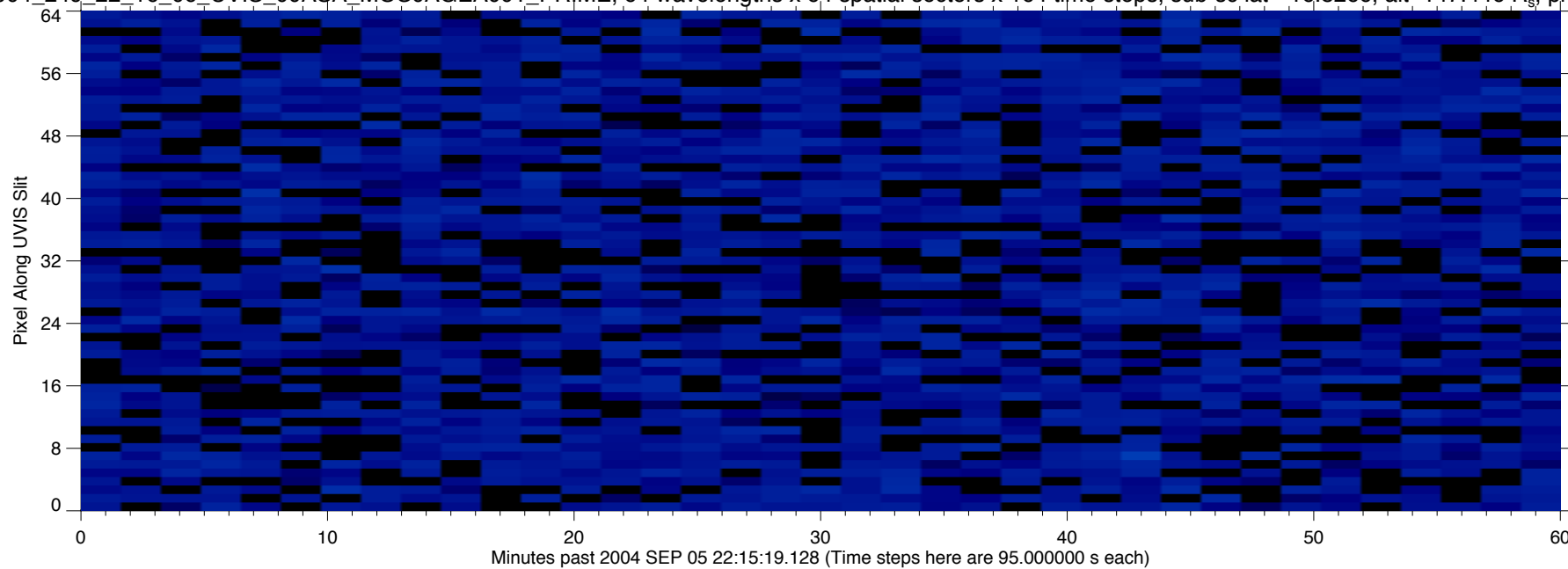
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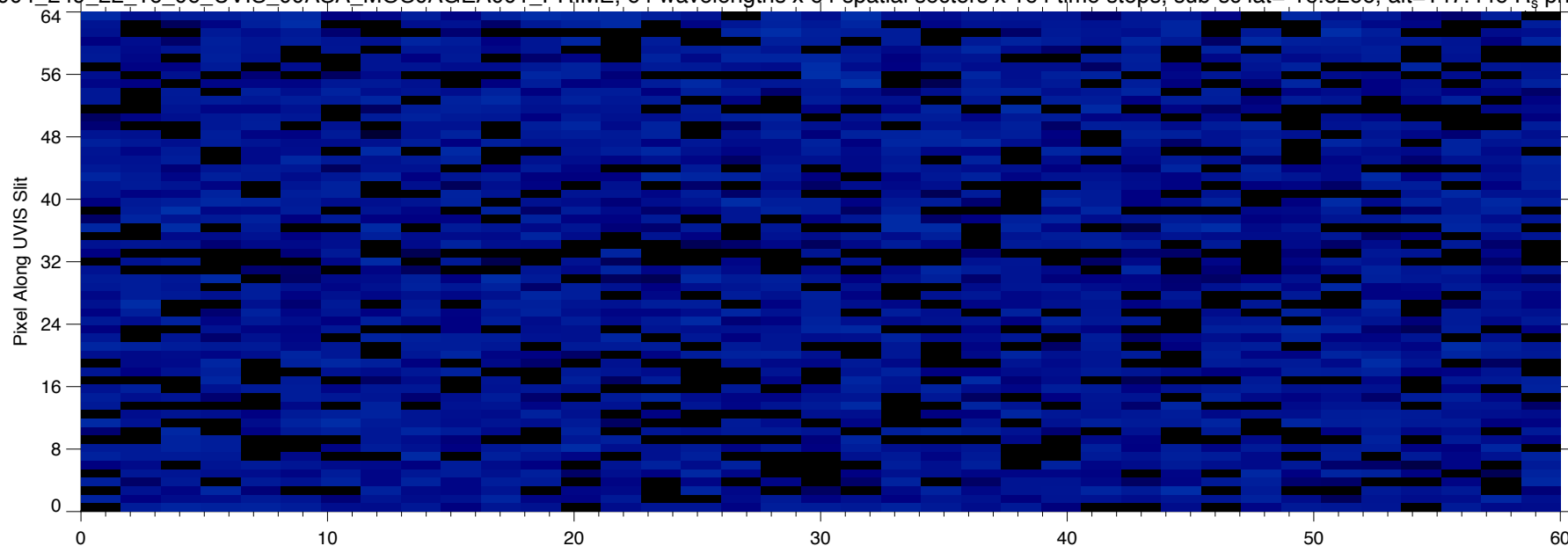
FUV2004_249_22_16_06_UVIS_00ASA_MOS0AGEA001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.8266, alt=147.446 R_s, phase=84.0987



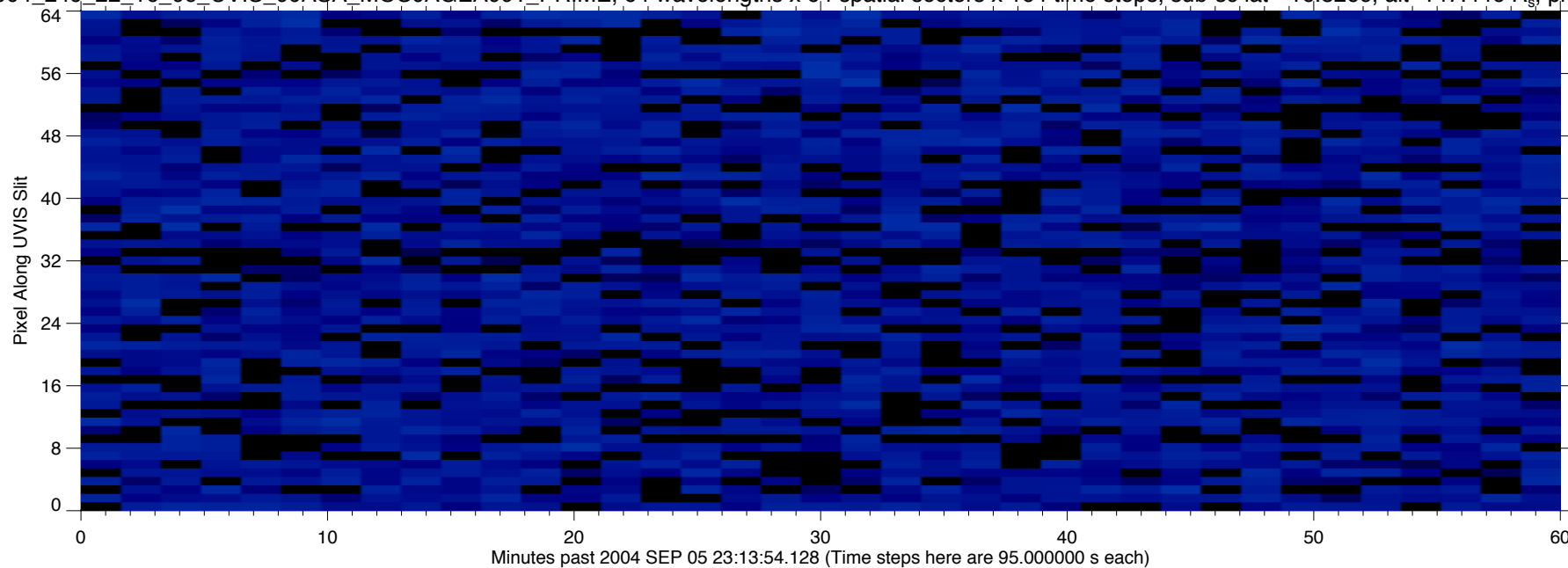
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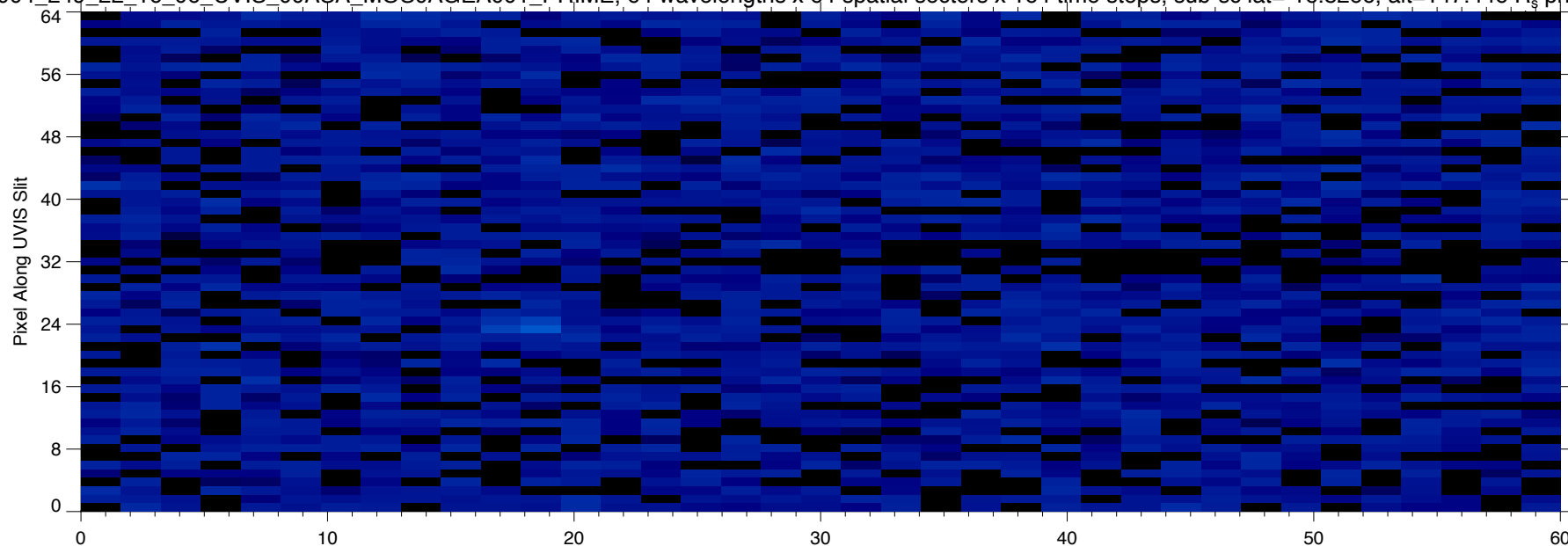
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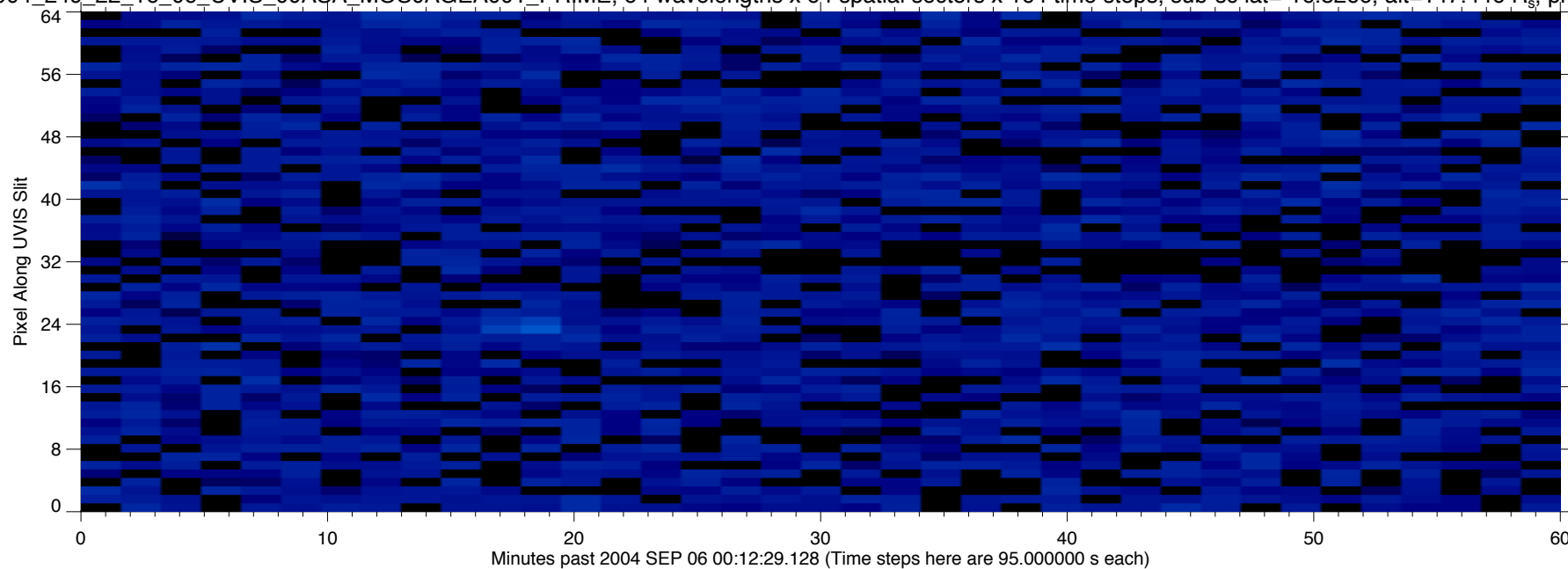
FUV2004_249_22_16_06_UVIS_00ASA_MOS0AGEA001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.8266, alt=147.446 R_s, phase=84.0987



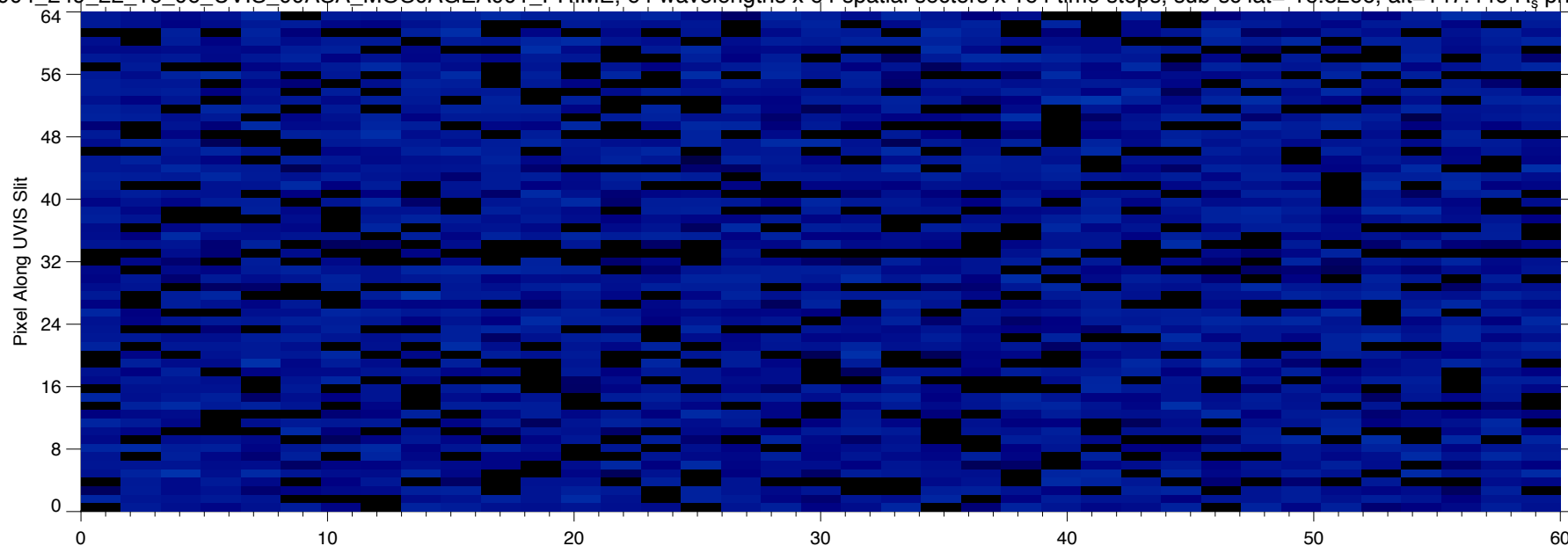
FUV2004_249_22_16_06_UVIS_00ASA_MOS0AGEA001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.8266, alt=147.446 R_s, phase=84.0987



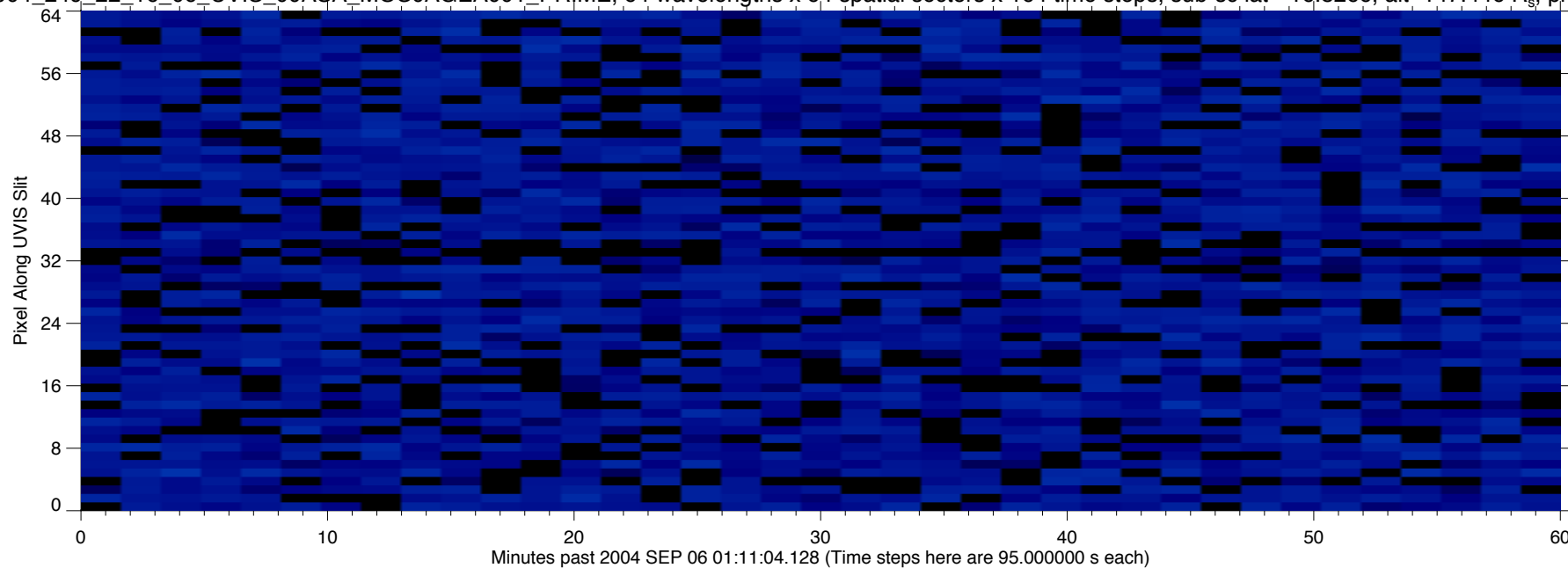
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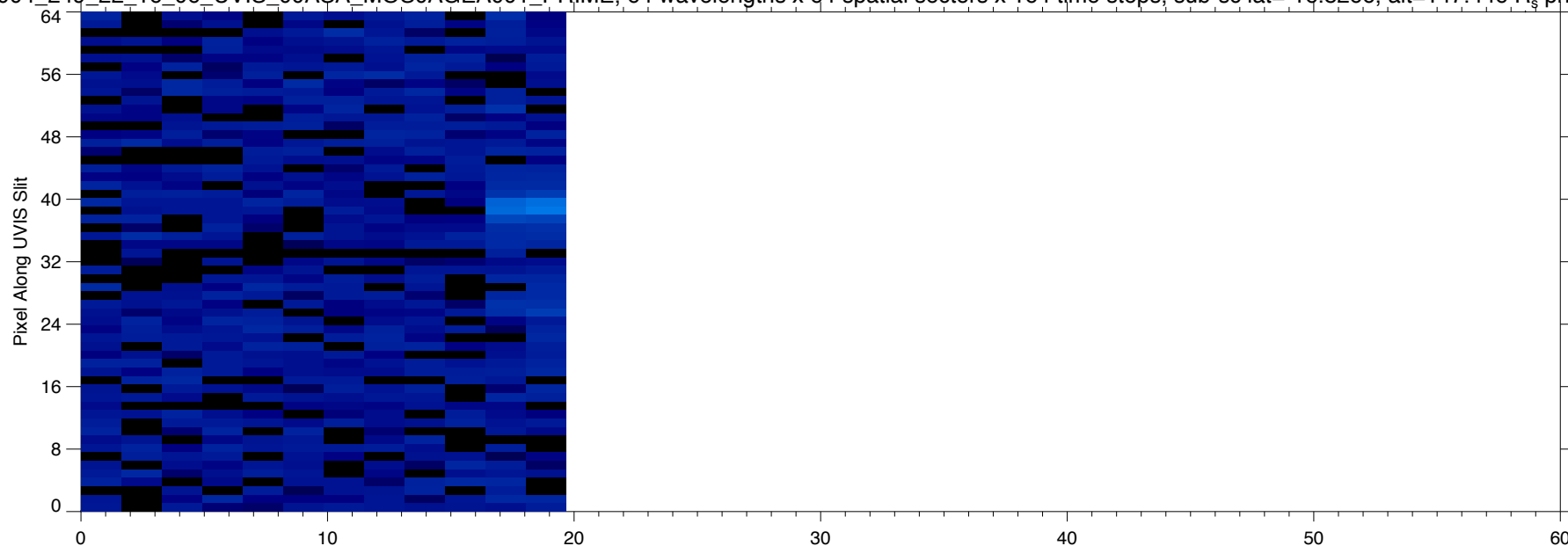
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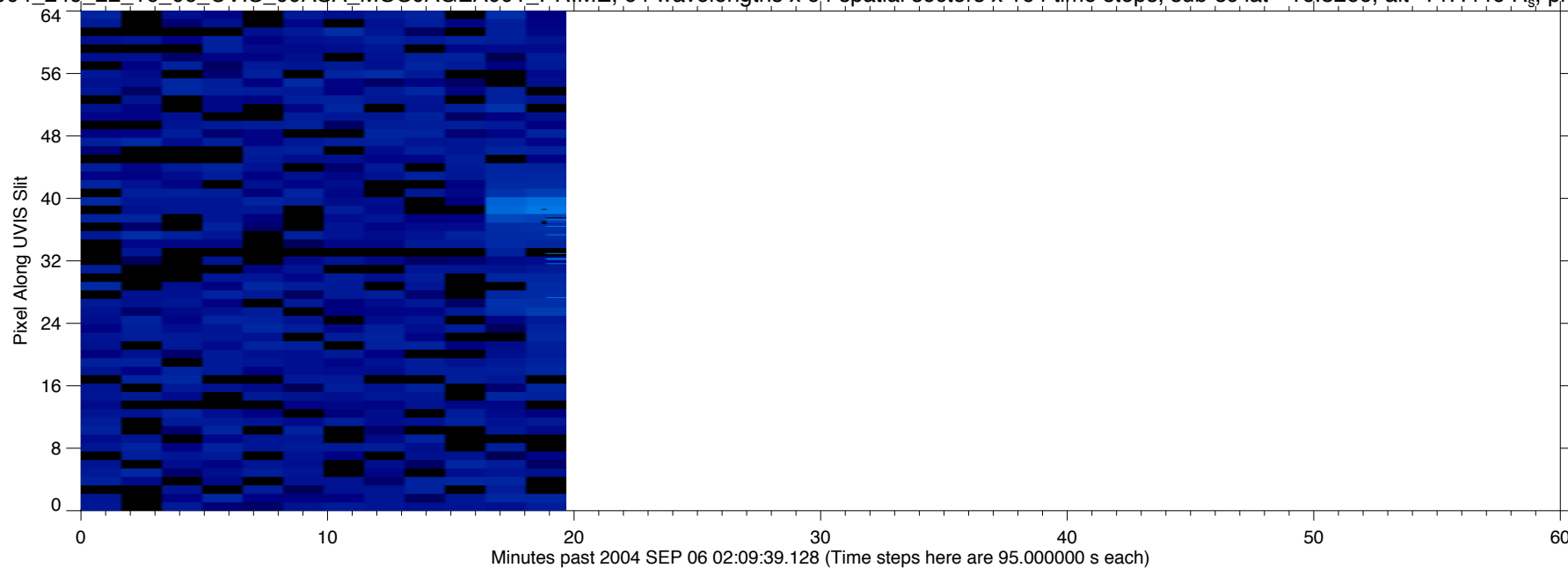
FUV2004_249_22_16_06_UVIS_00ASA_MOS0AGEA001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.8266, alt=147.446 R_s, phase=84.0987



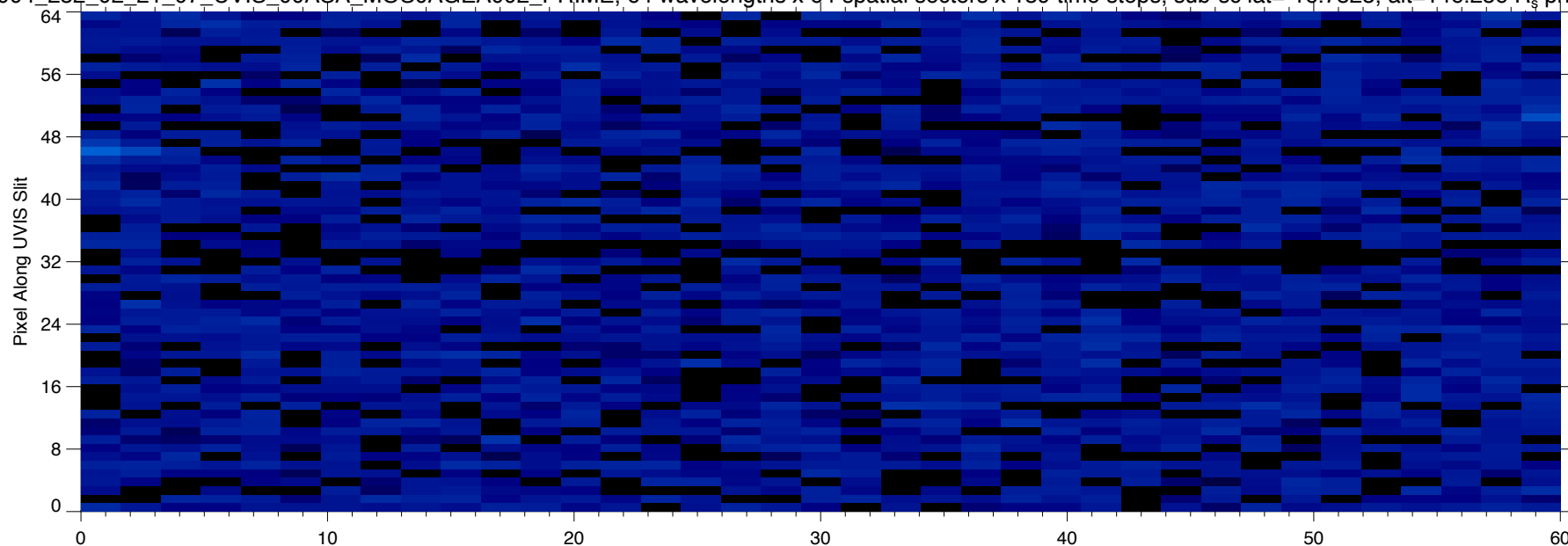
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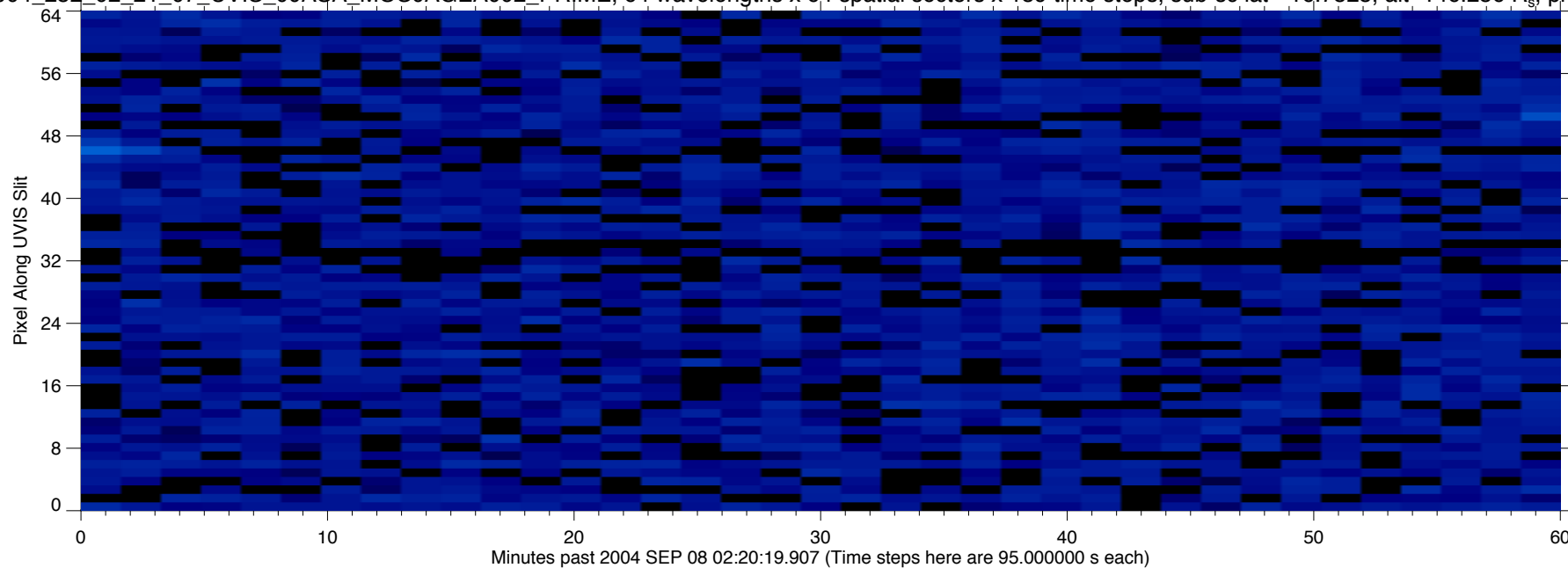
FUV2004_249_22_16_06_UVIS_00ASA_MOS0AGEA001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.8266, alt=147.446 R_s, phase=84.0987



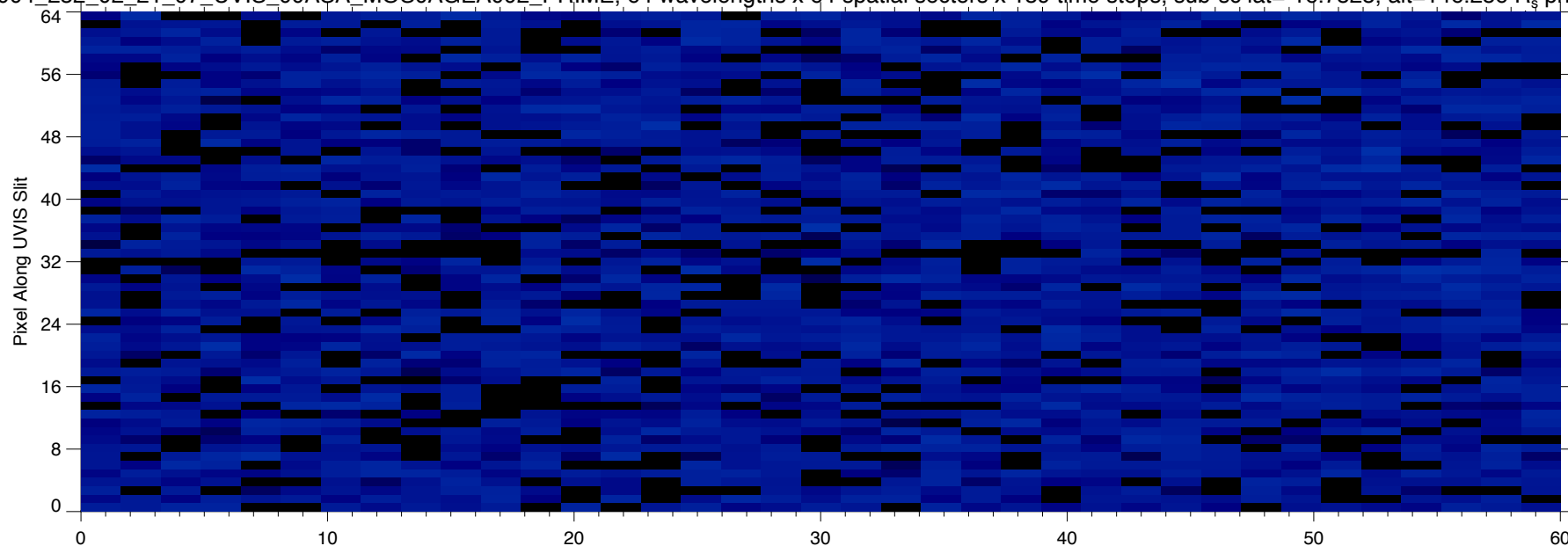
FUV2004_252_02_21_07_UVIS_00ASA_MOS0AGEA002_PRIME, 64 wavelengths x 64 spatial sectors x 159 time steps, sub-sc lat=-16.7525, alt=146.256 R_s, phase=83.4664



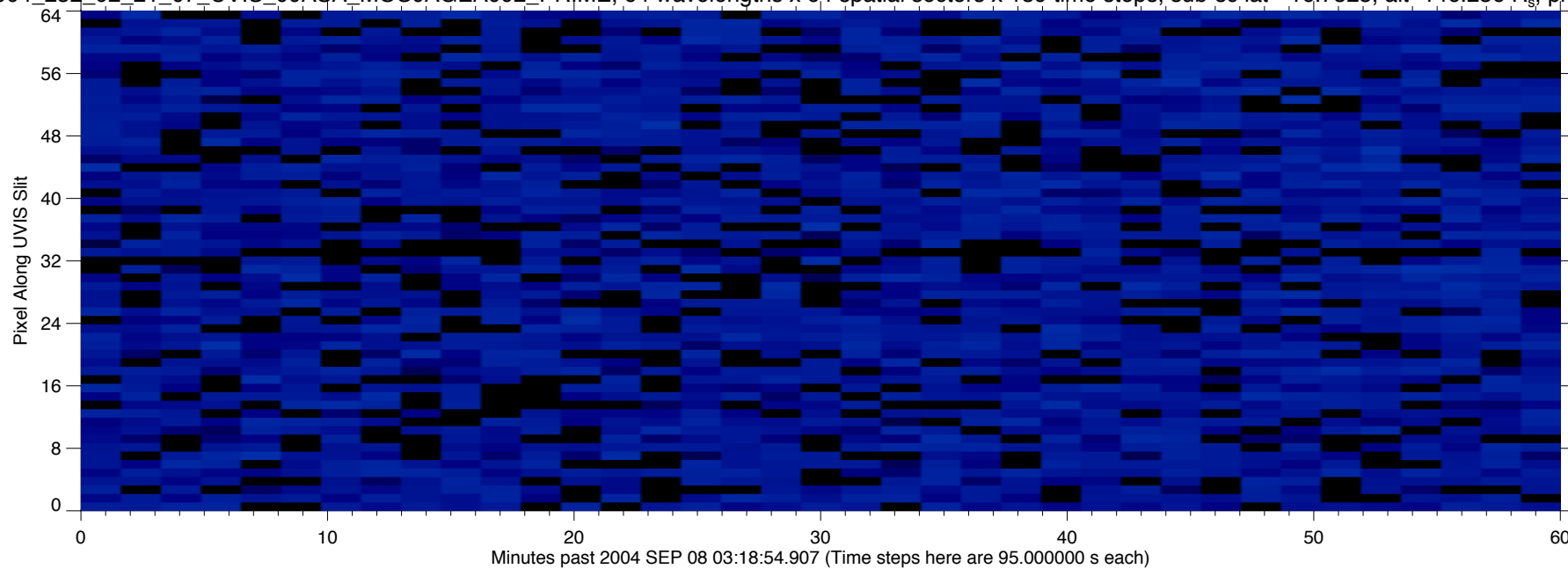
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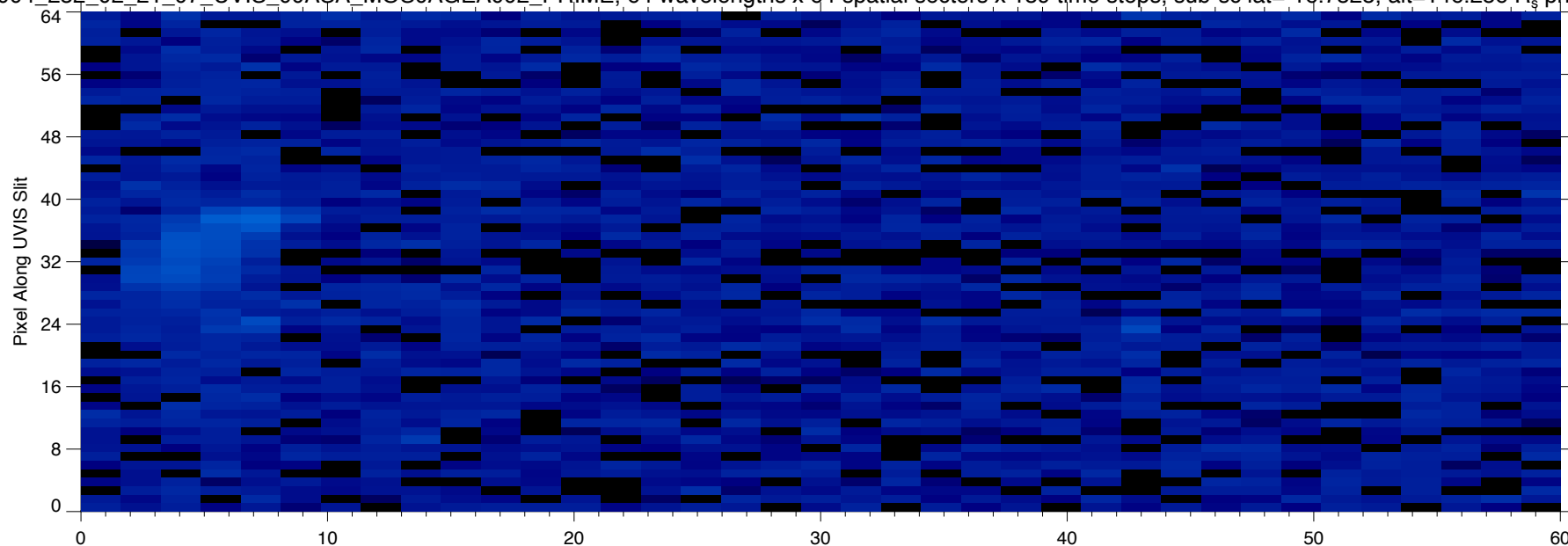
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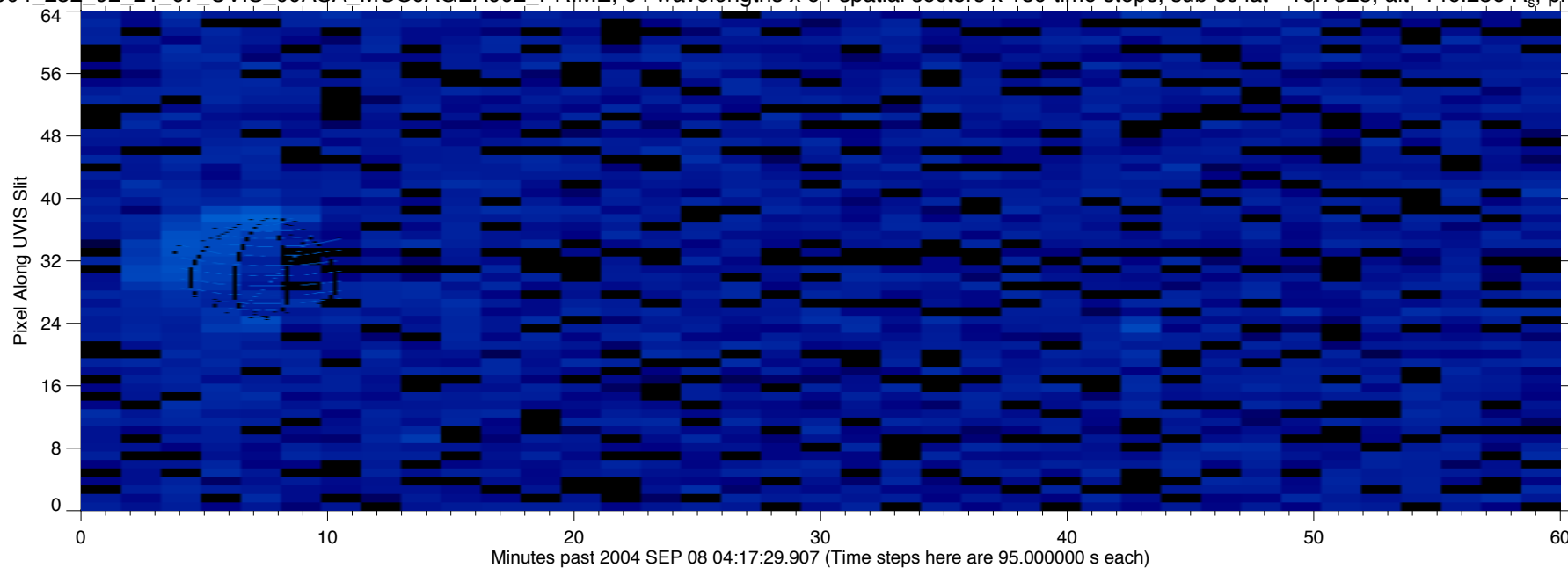
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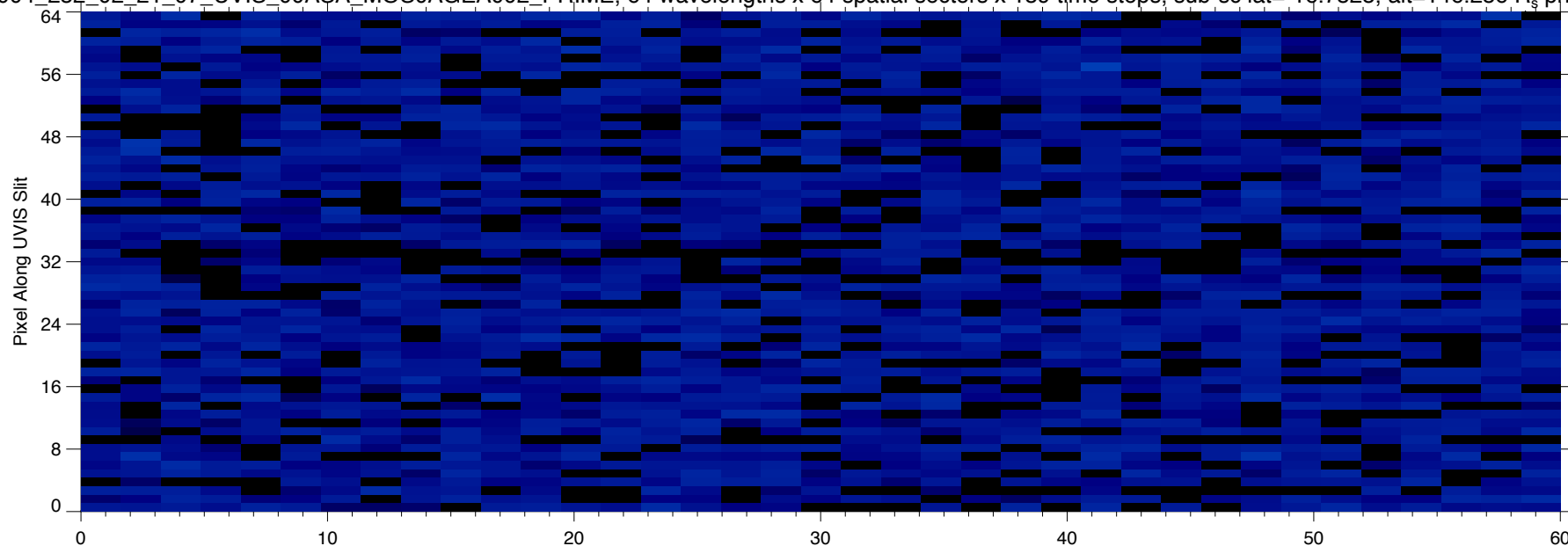
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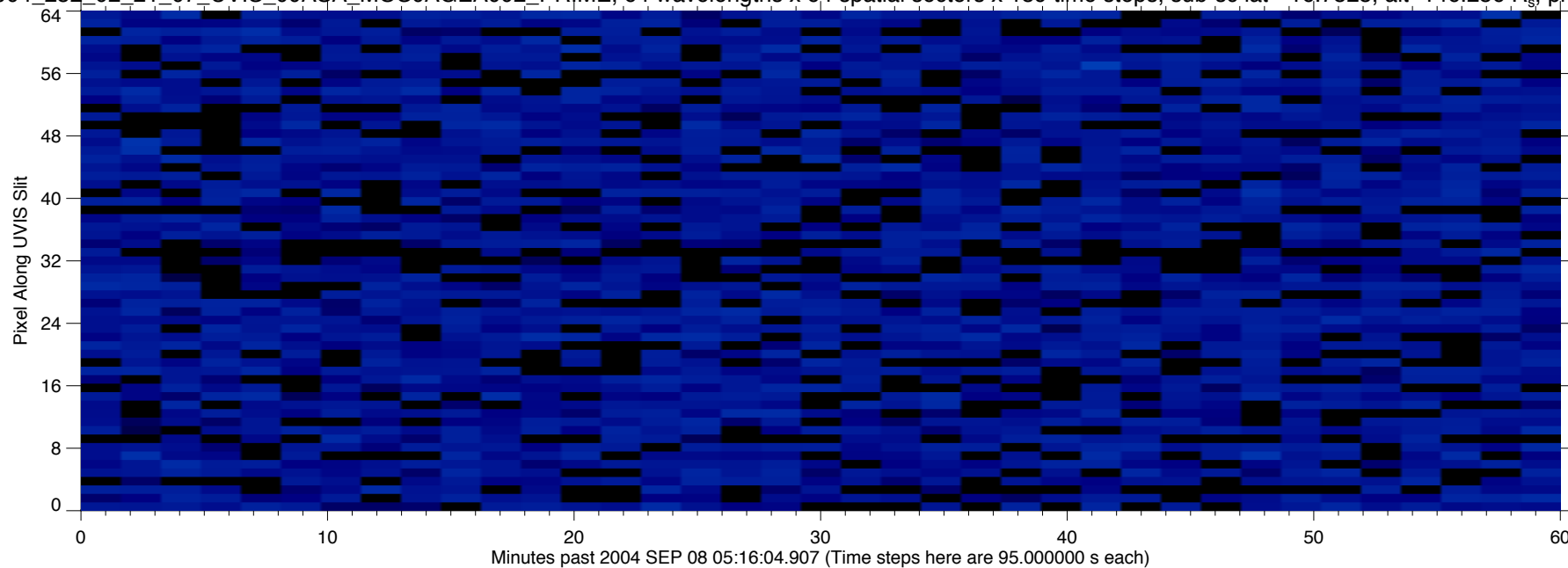
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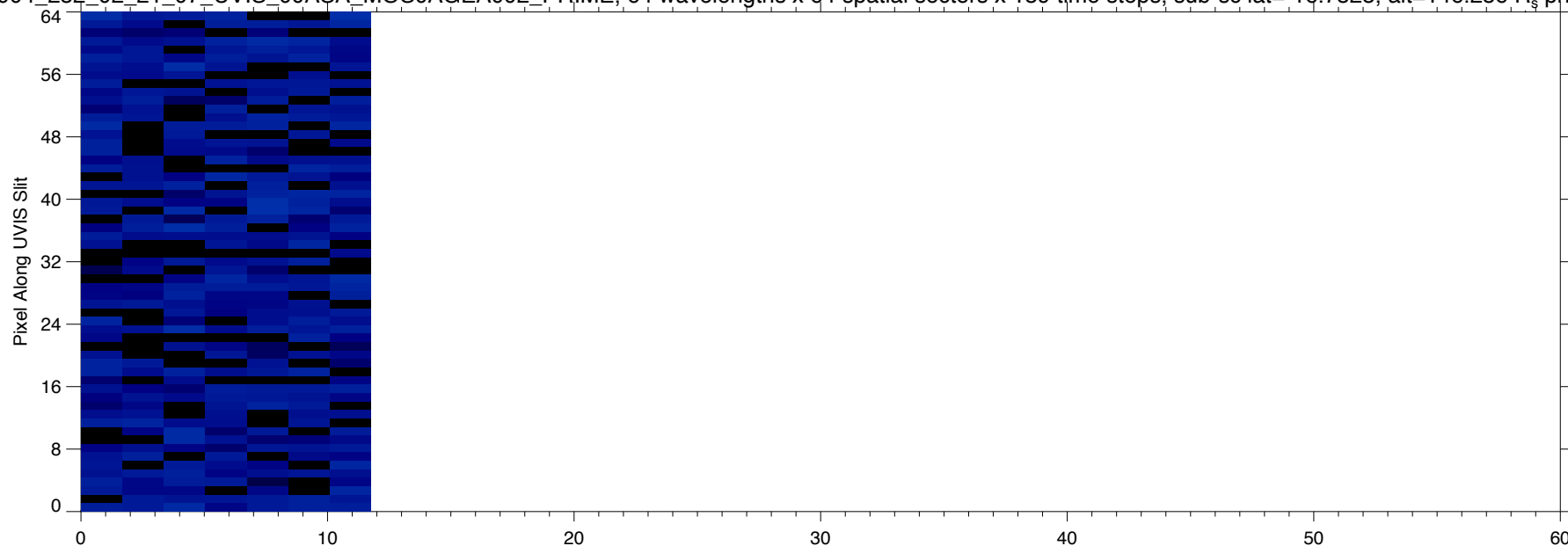
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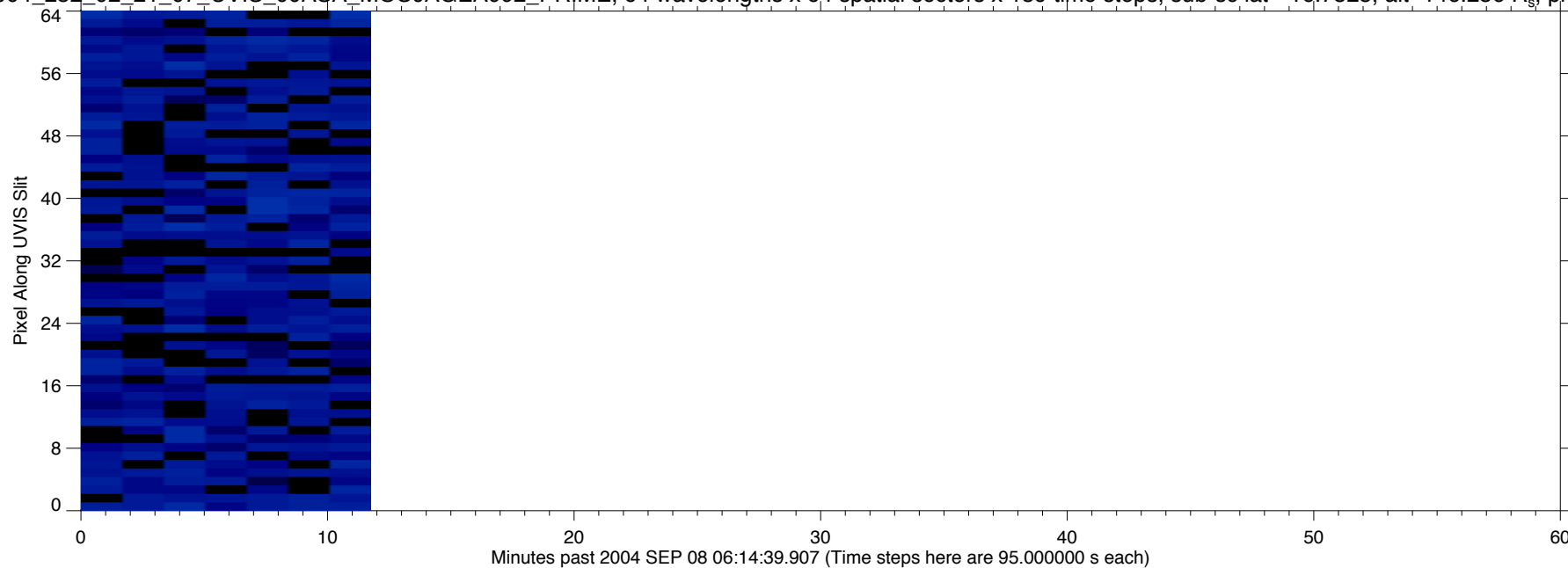
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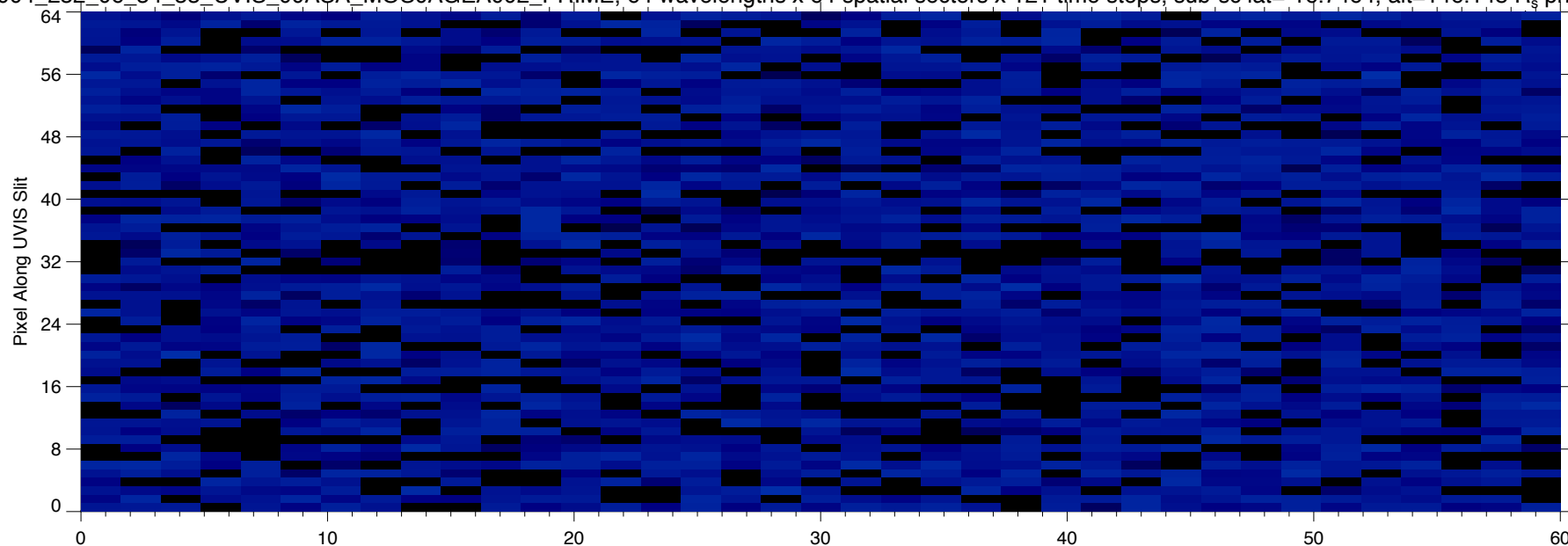
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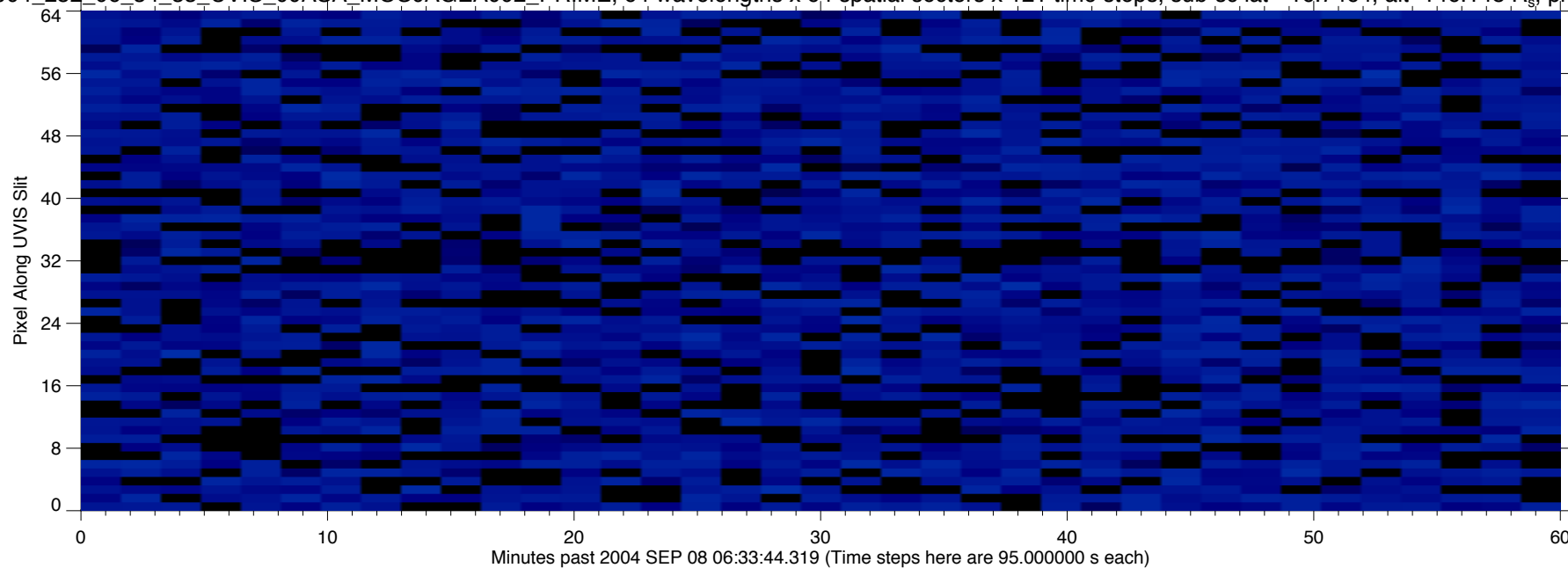
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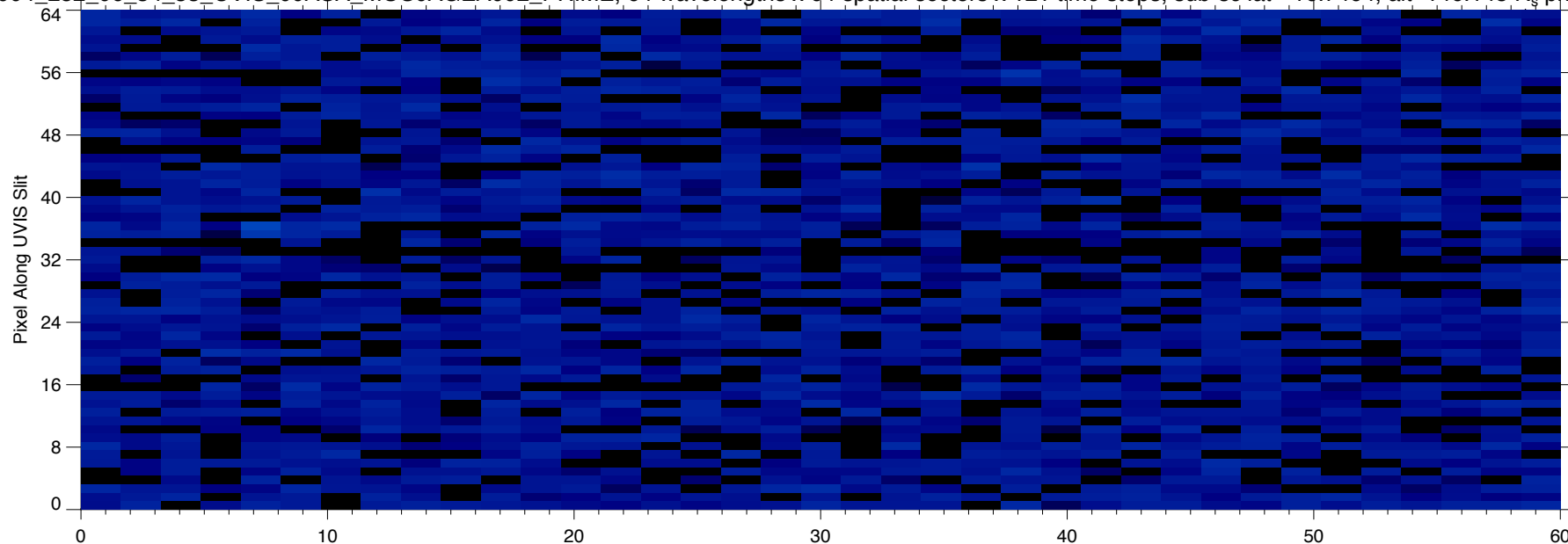
FUV2004_252_06_34_33_UVIS_00ASA_MOS0AGEA002_PRIME, 64 wavelengths x 64 spatial sectors x 121 time steps, sub-sc lat=-16.7464, alt=146.148 R_s, phase=83.4147



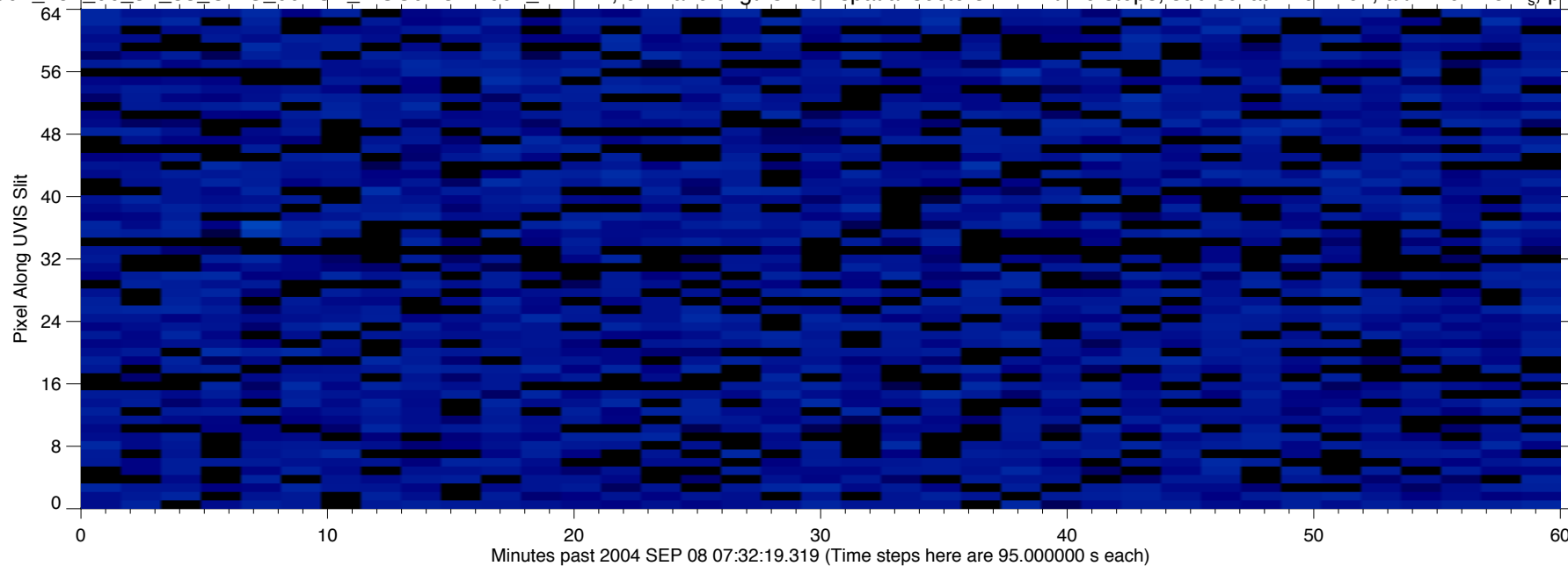
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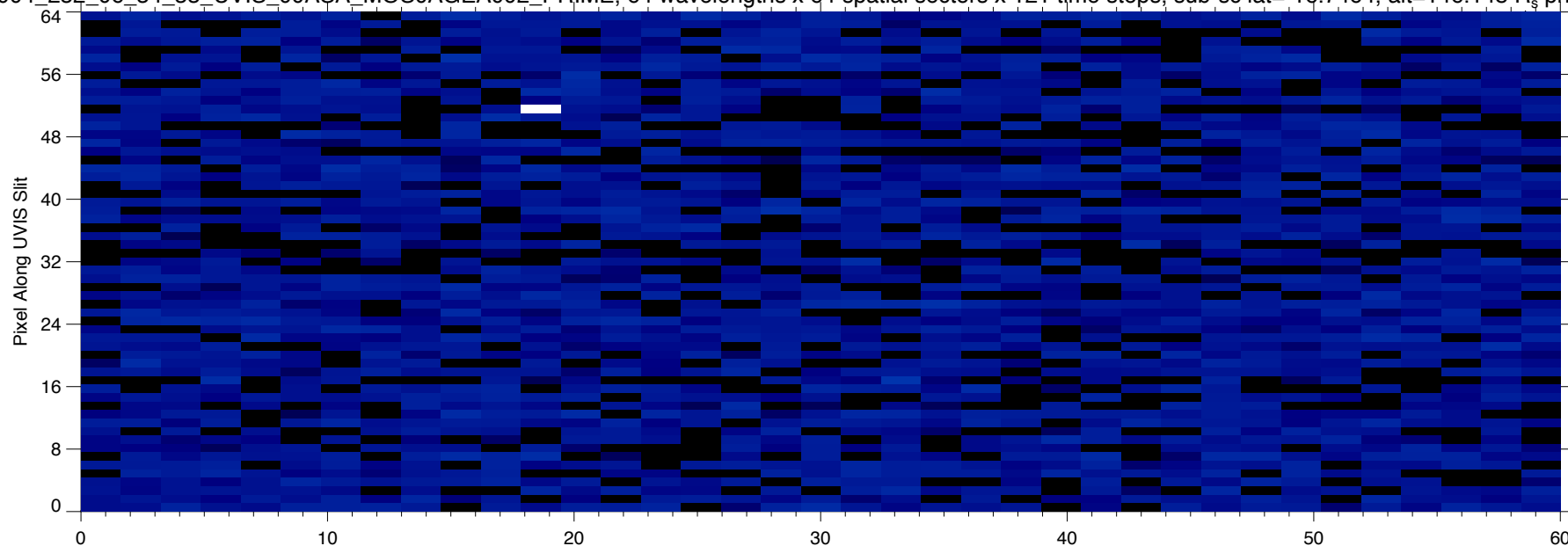
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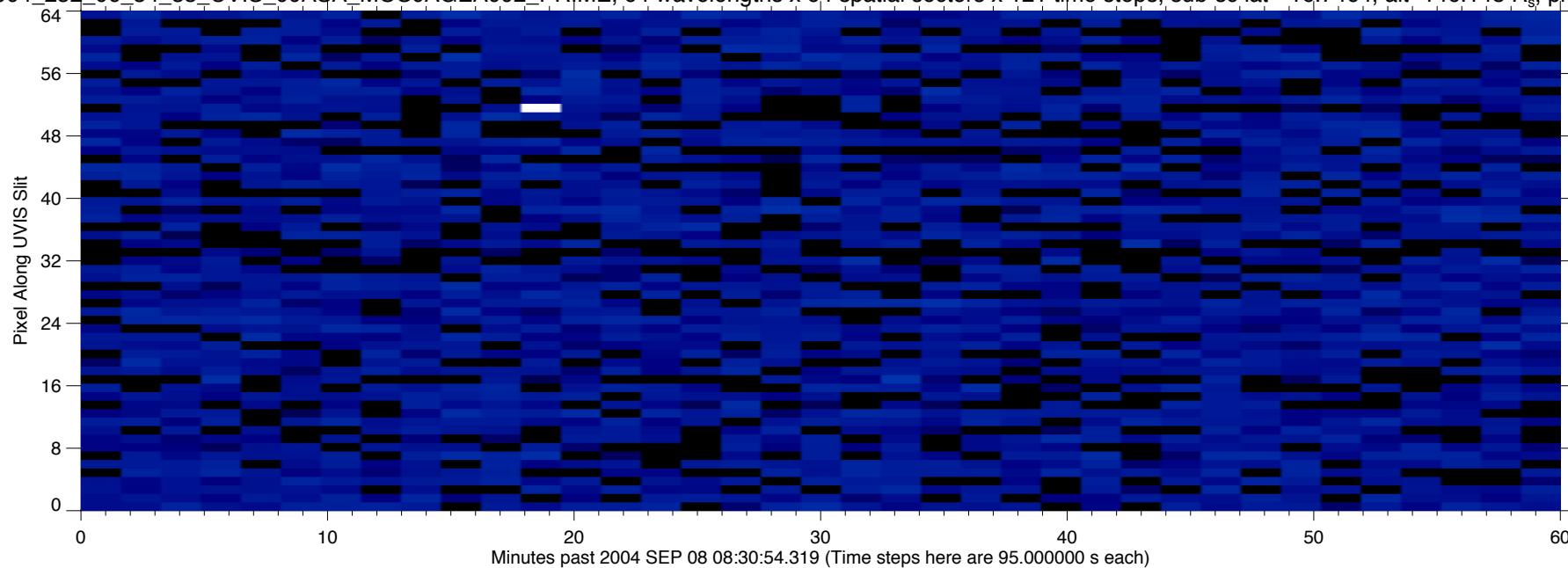
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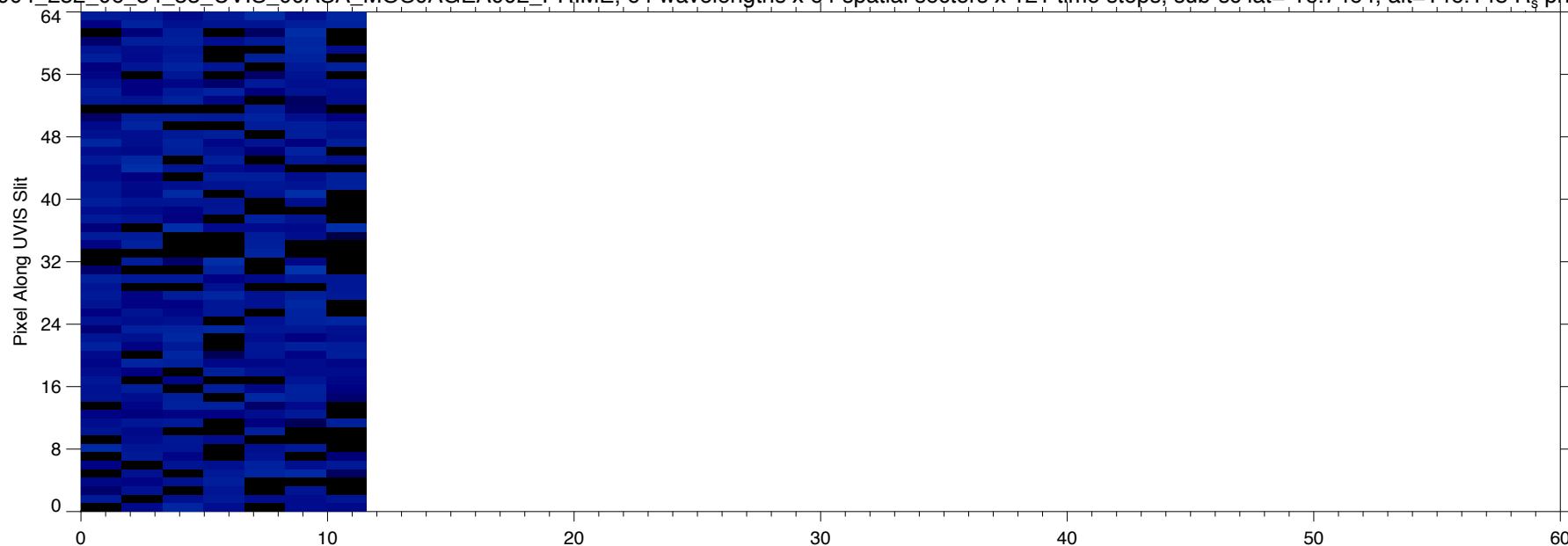
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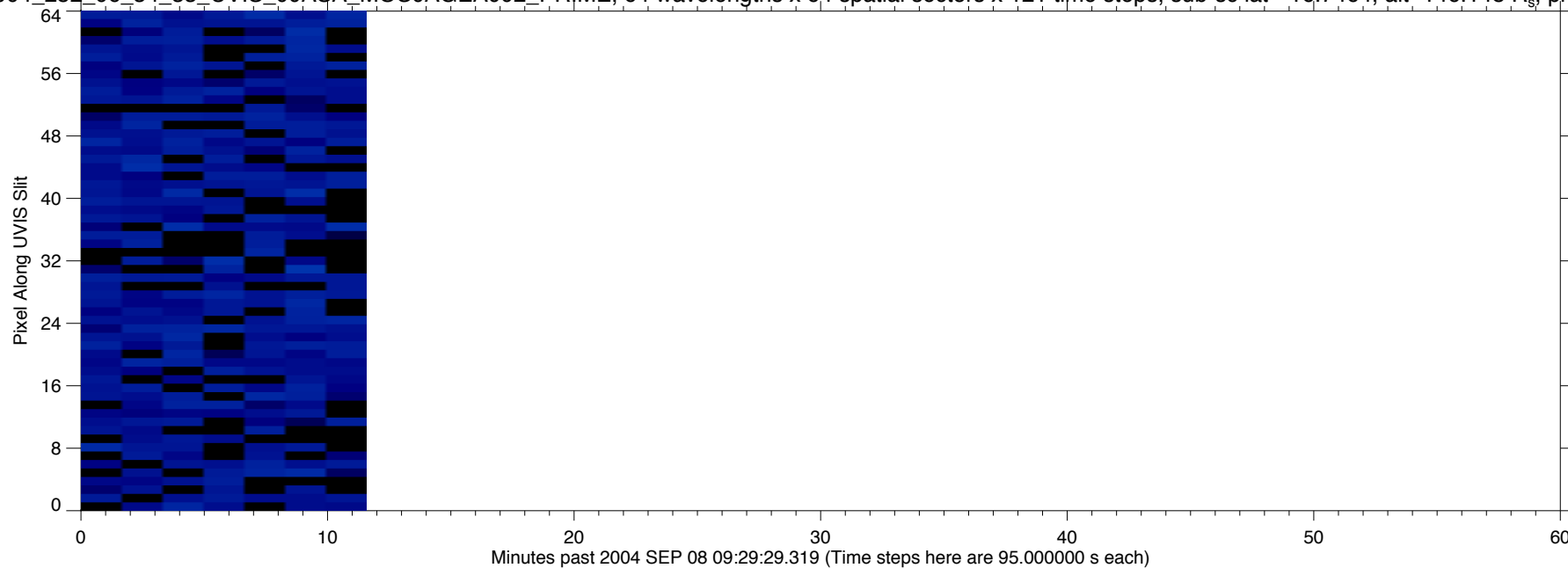
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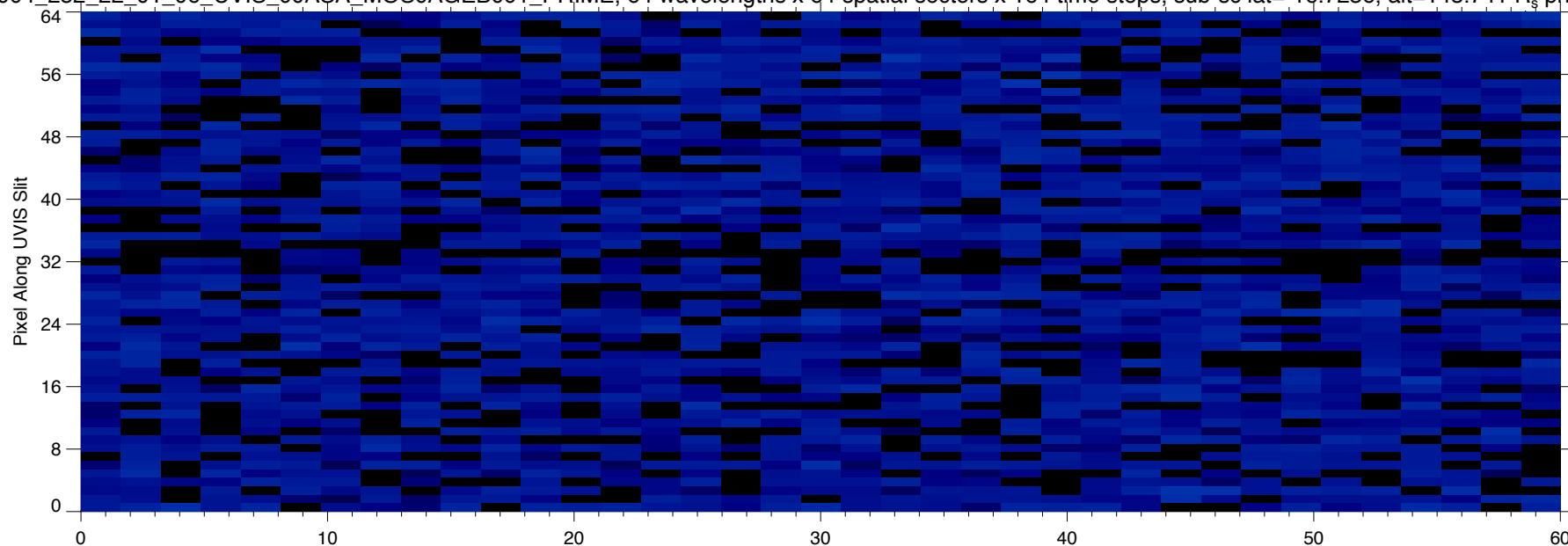
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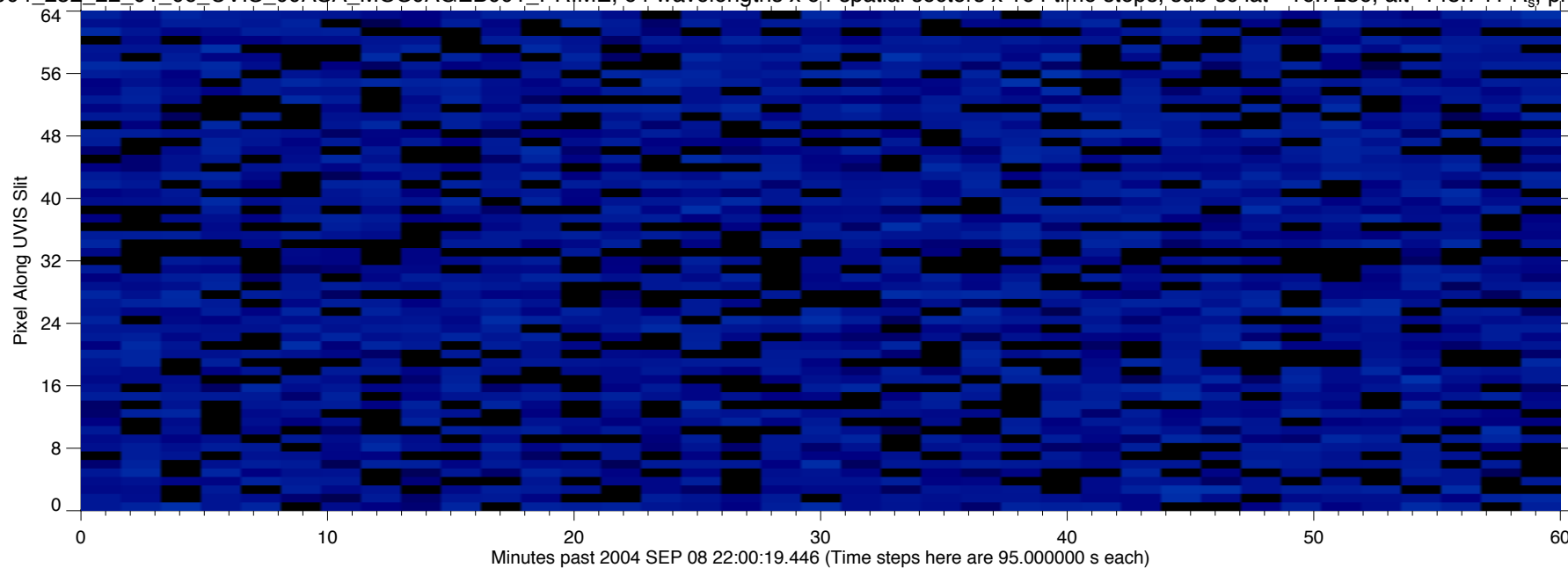
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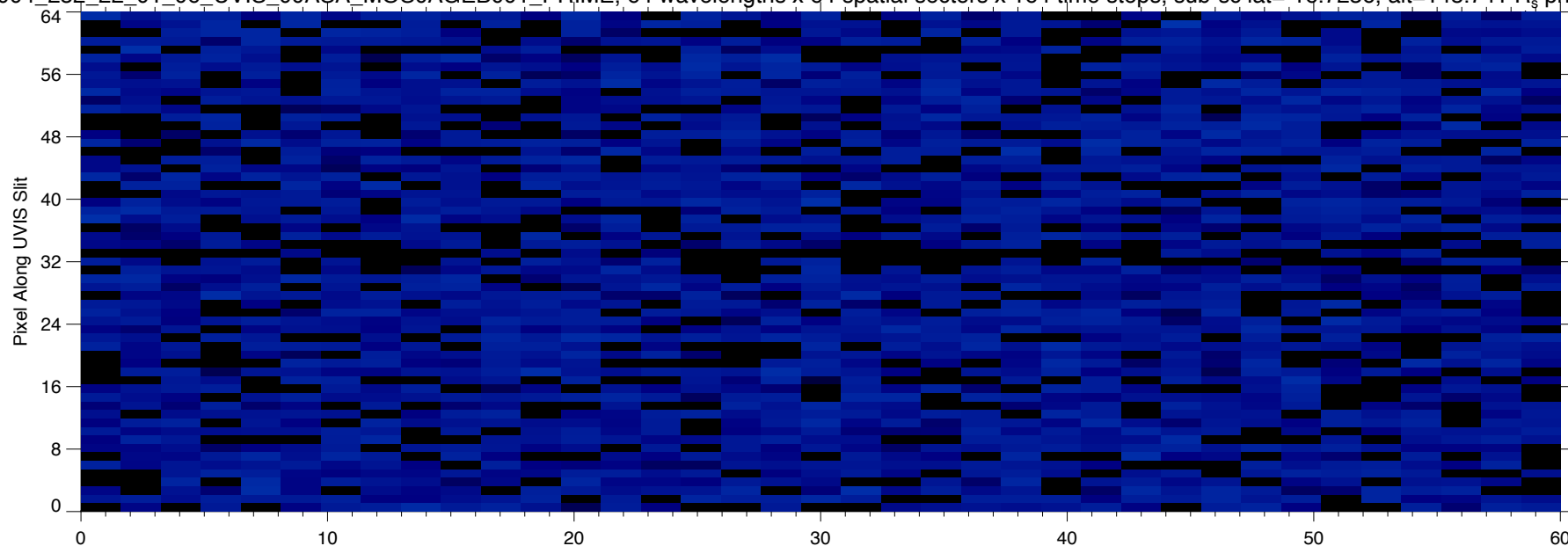
FUV2004_252_22_01_06_UVIS_00ASA_MOS0AGEB001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.7236, alt=145.741 R_s, phase=83.2247



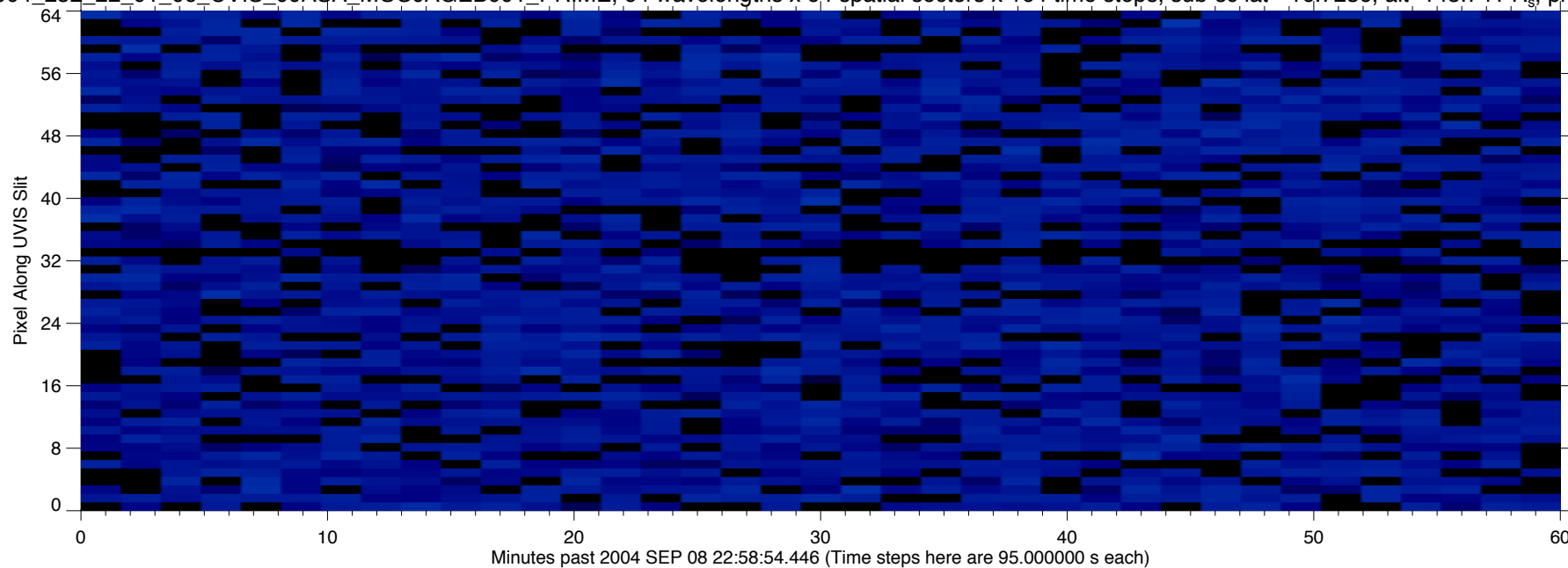
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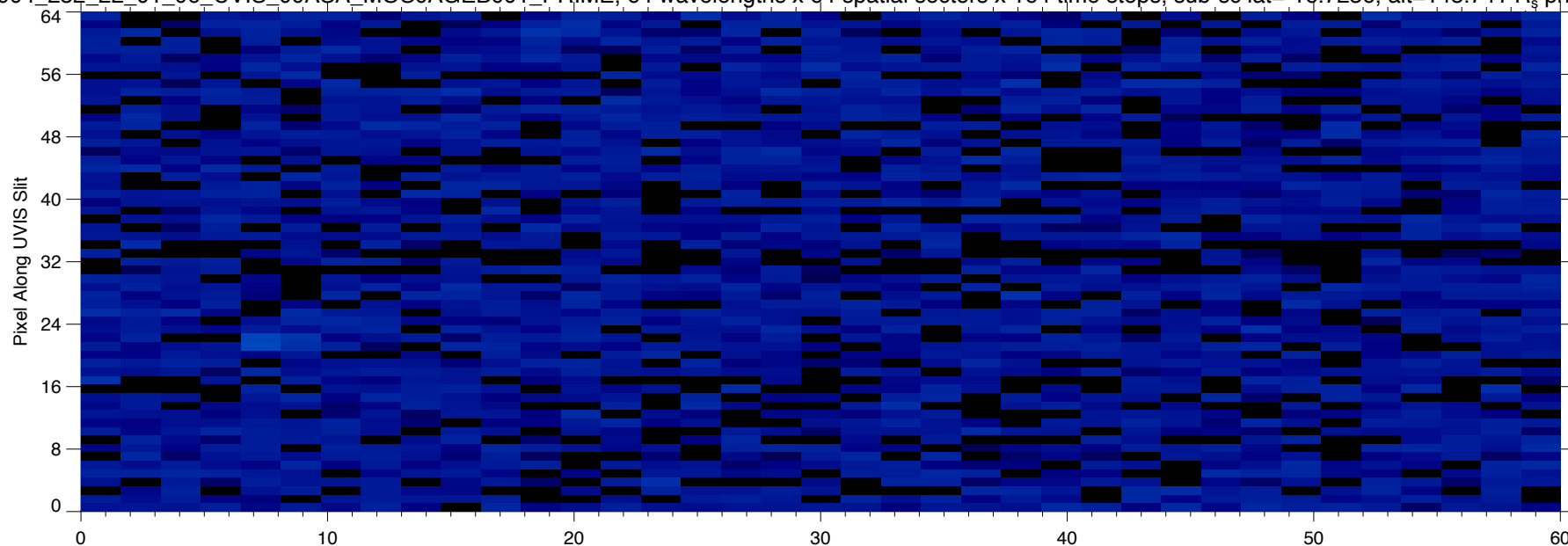
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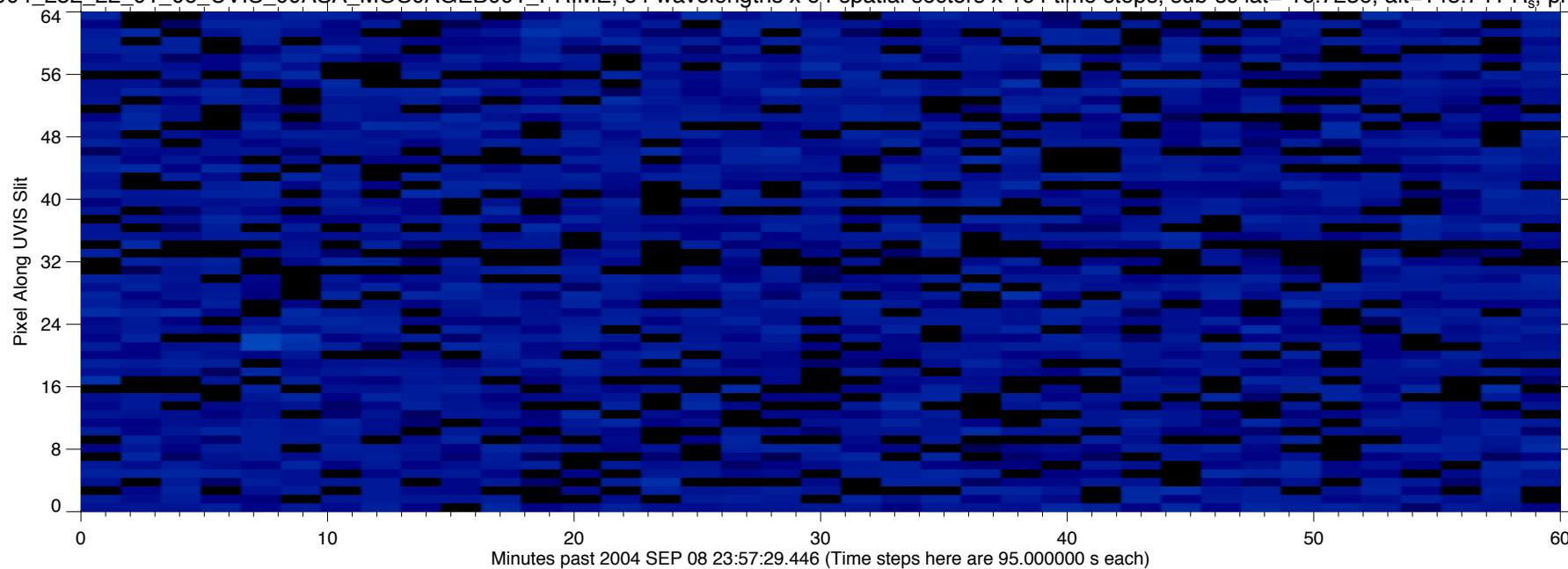
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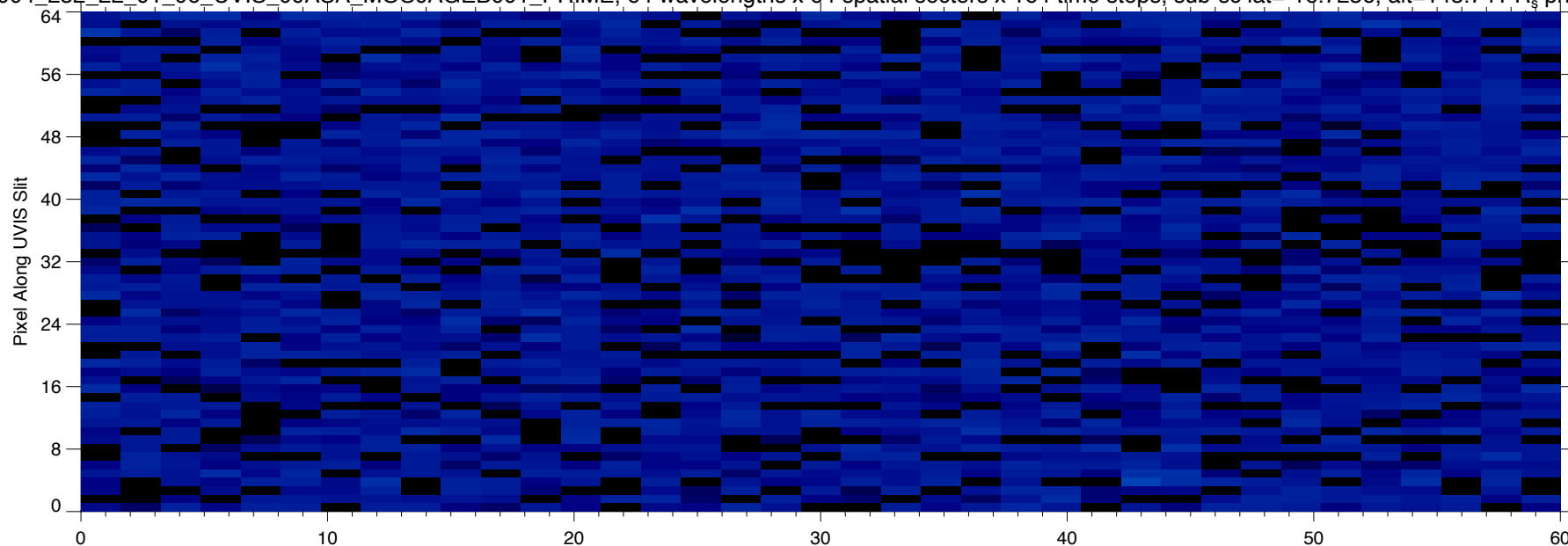
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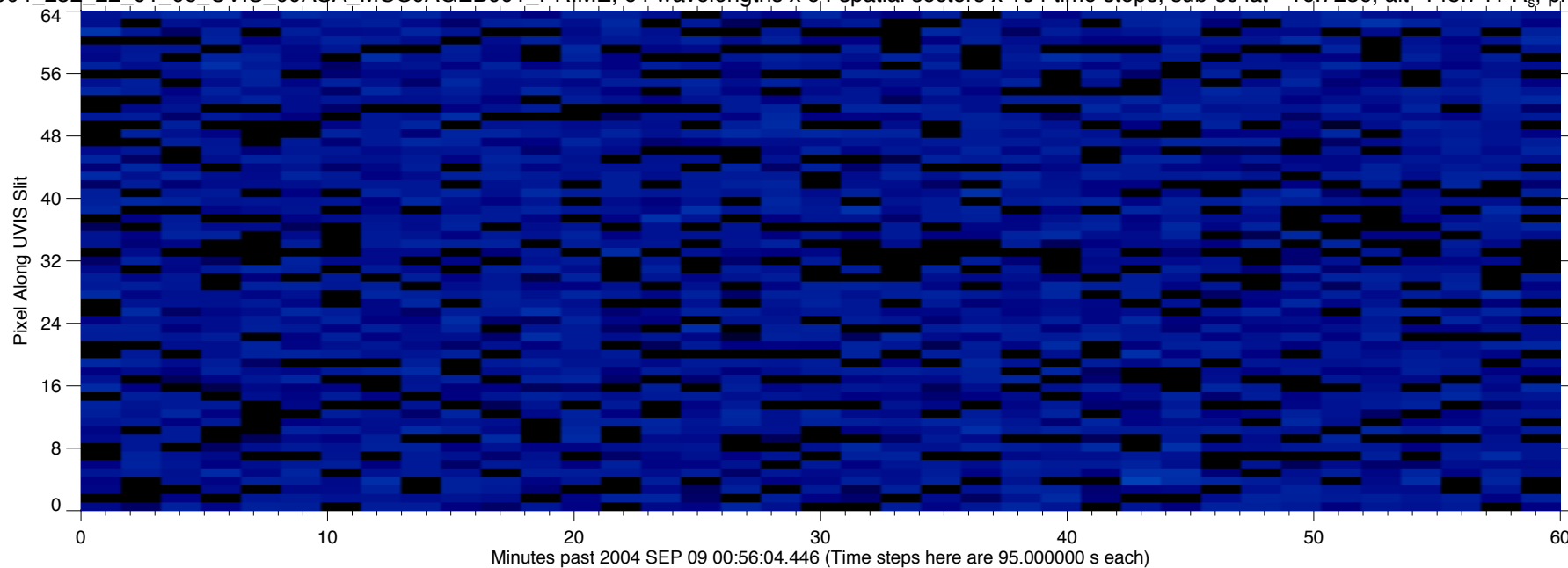
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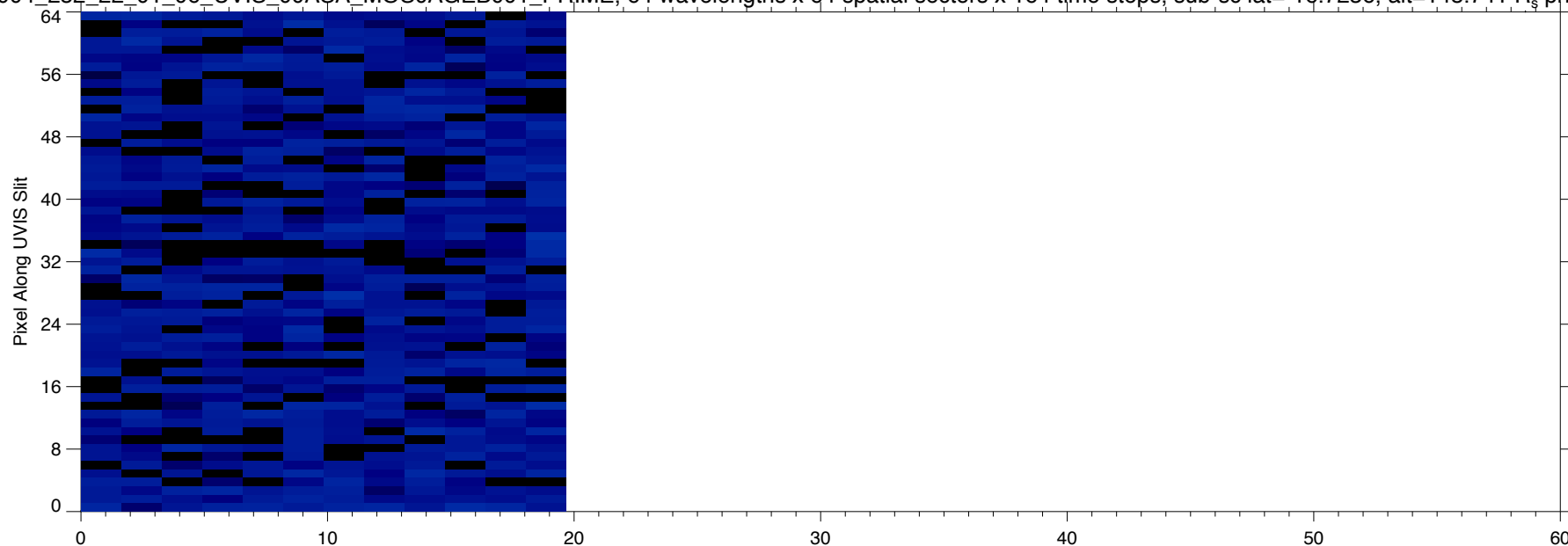
FUV2004_252_22_01_06_UVIS_00ASA_MOS0AGEB001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.7236, alt=145.741 R_s, phase=83.2247



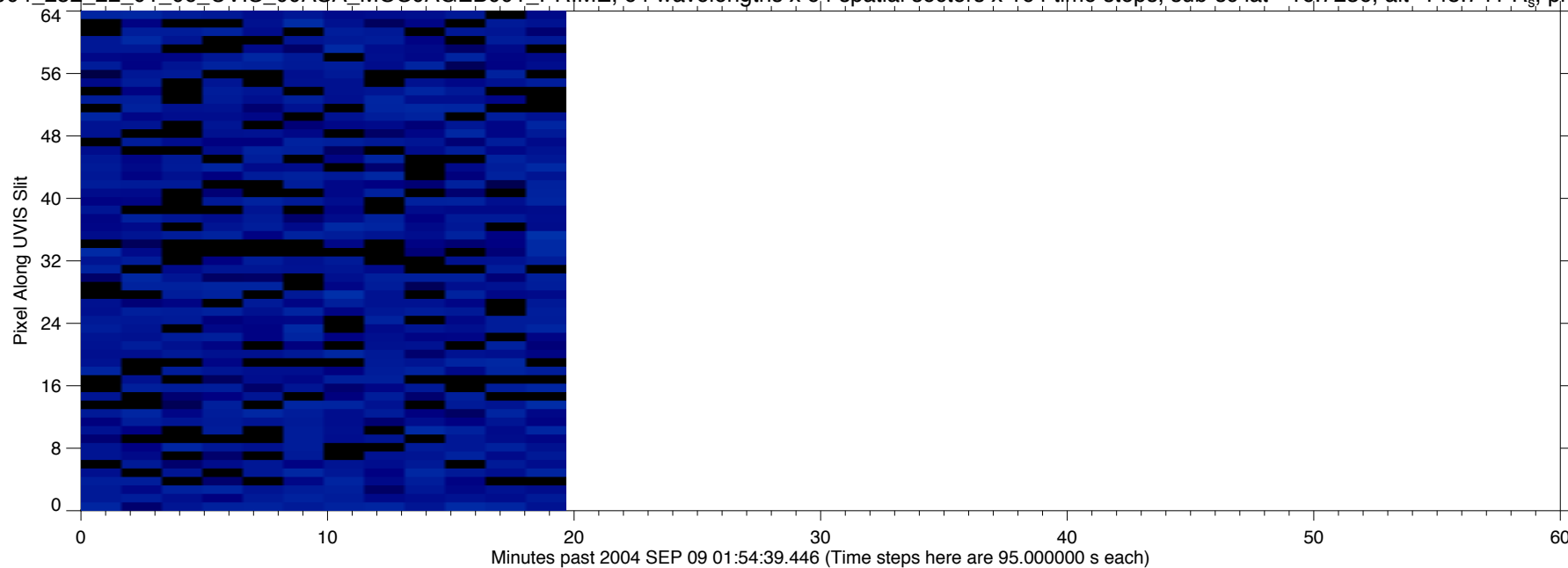
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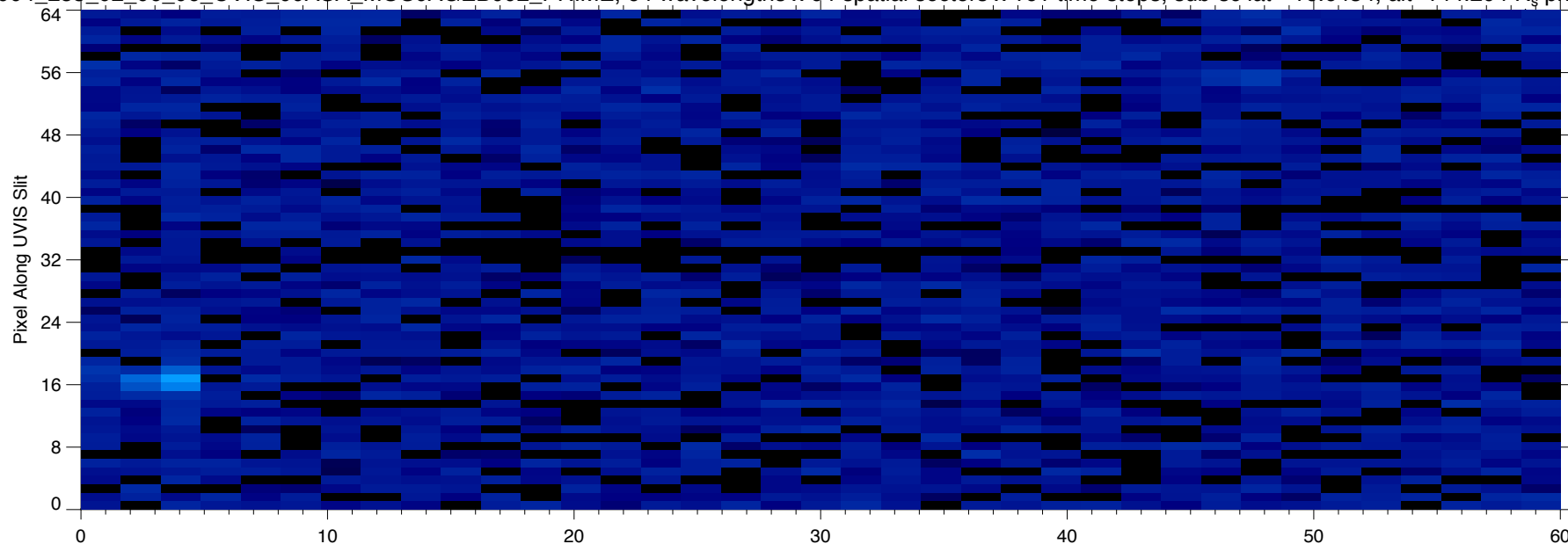
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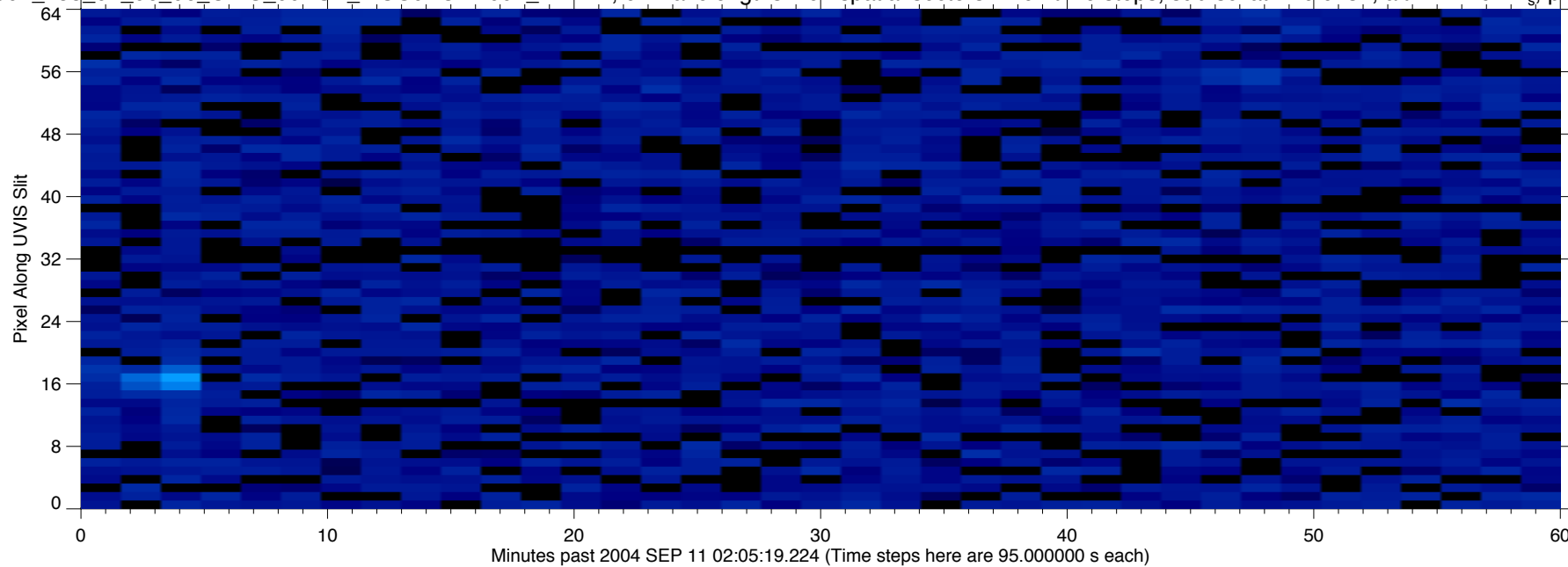
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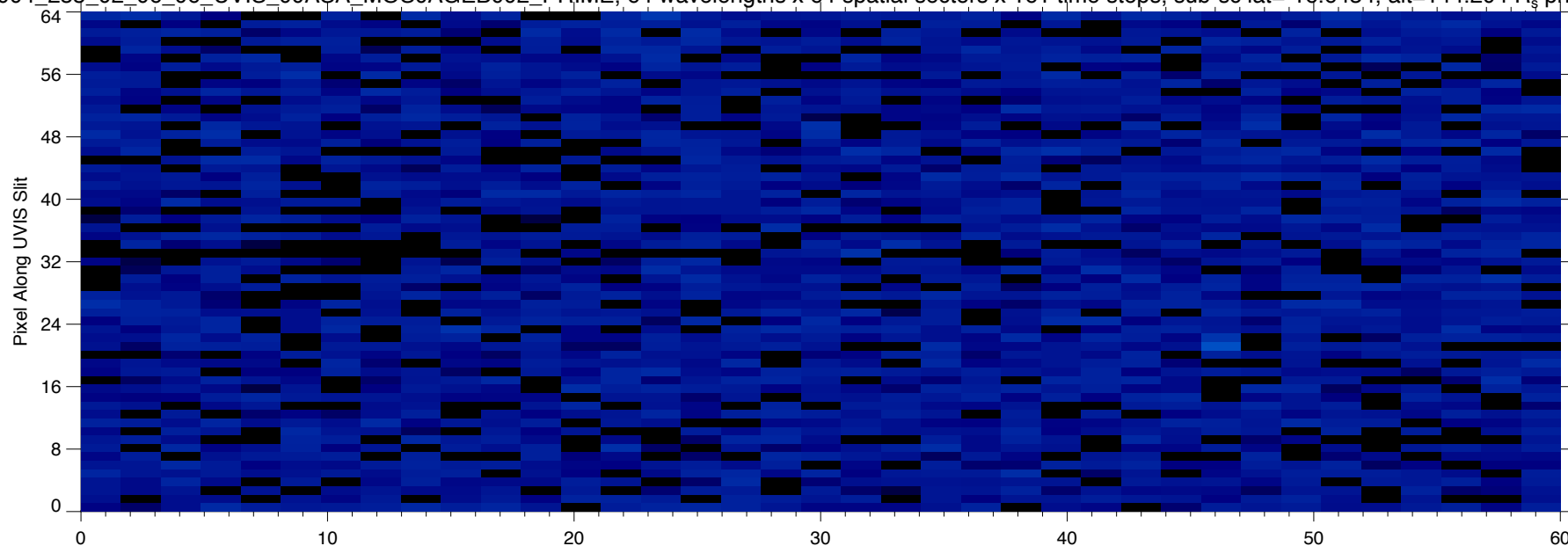
FUV2004_255_02_06_06_UVIS_00ASA_MOS0AGEB002_PRIME, 64 wavelengths x 64 spatial sectors x 161 time steps, sub-sc lat=-16.6434, alt=144.204 R_s, phase=82.5757



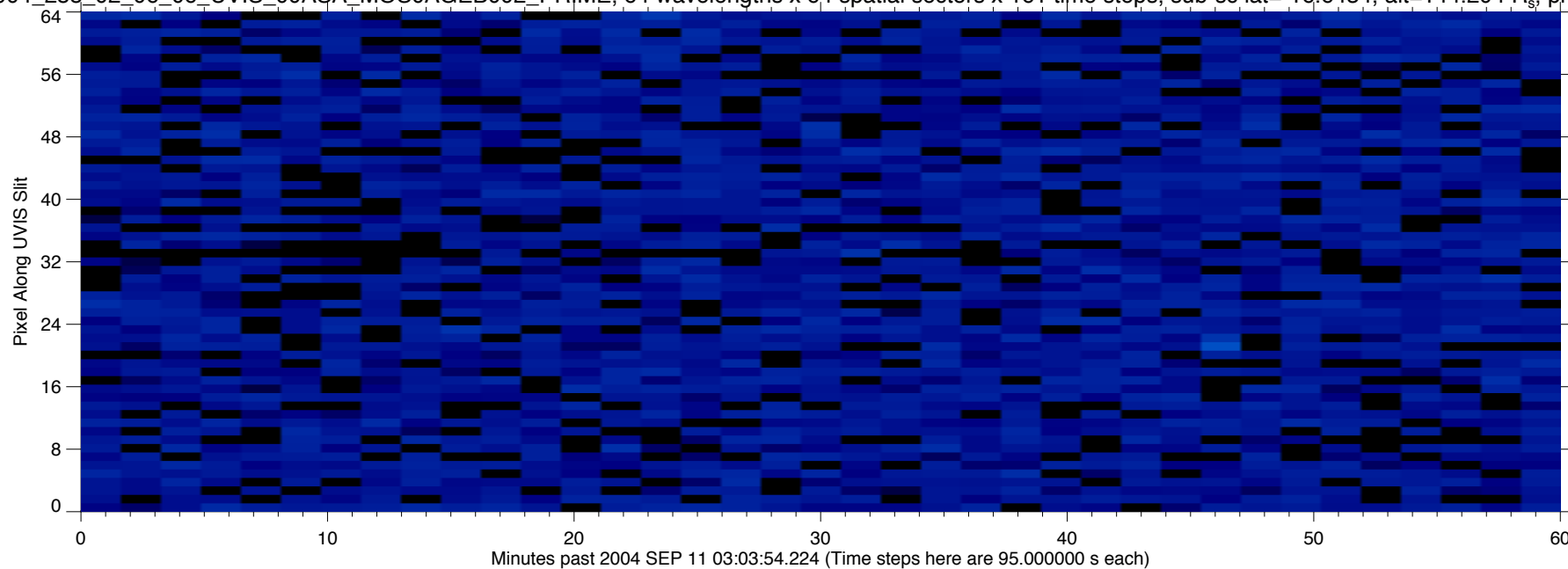
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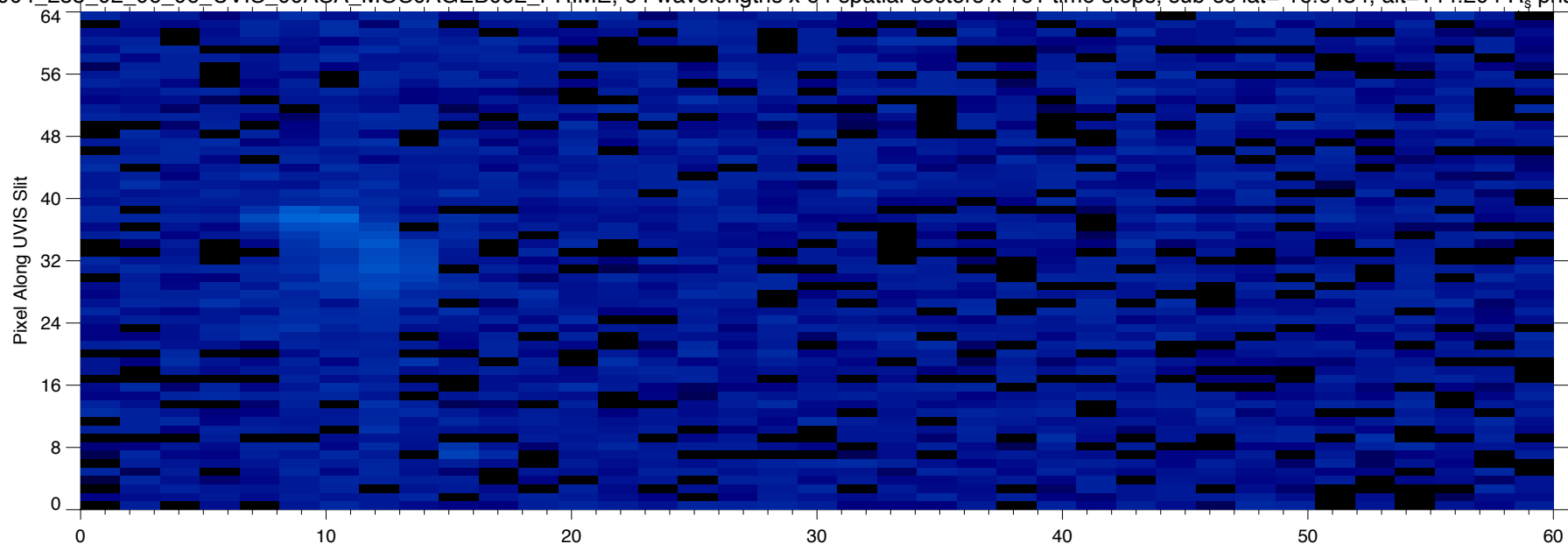
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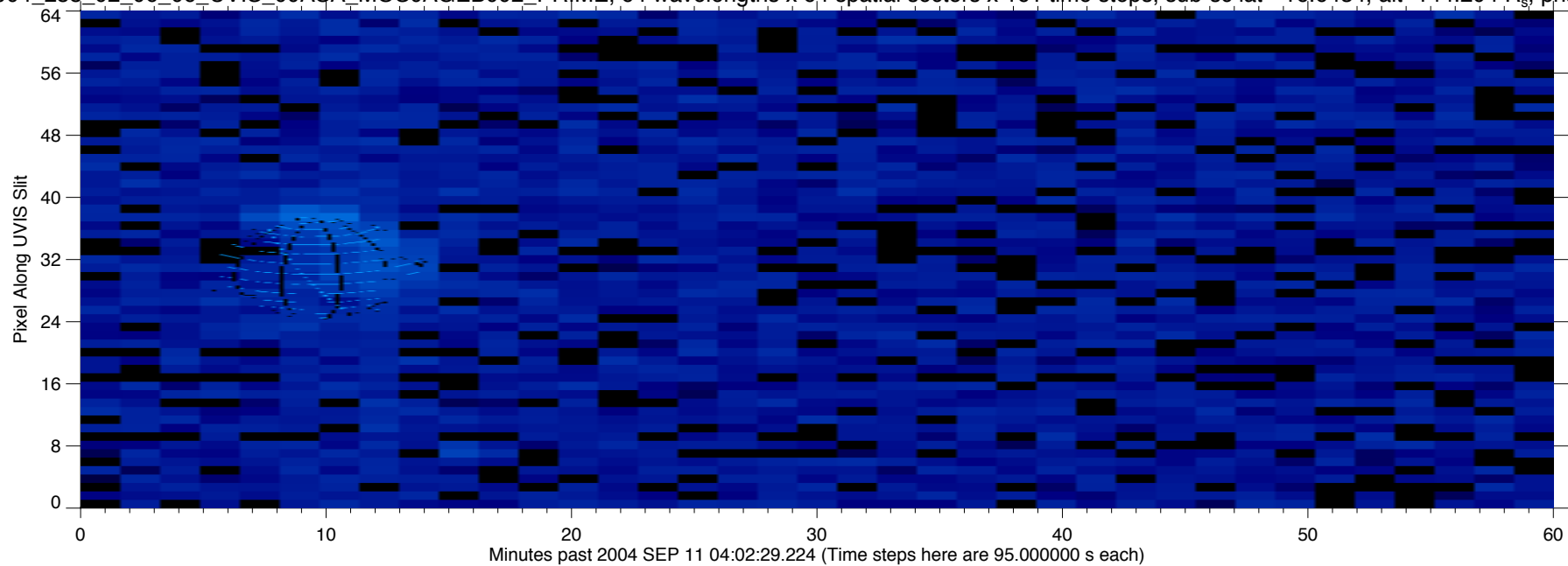
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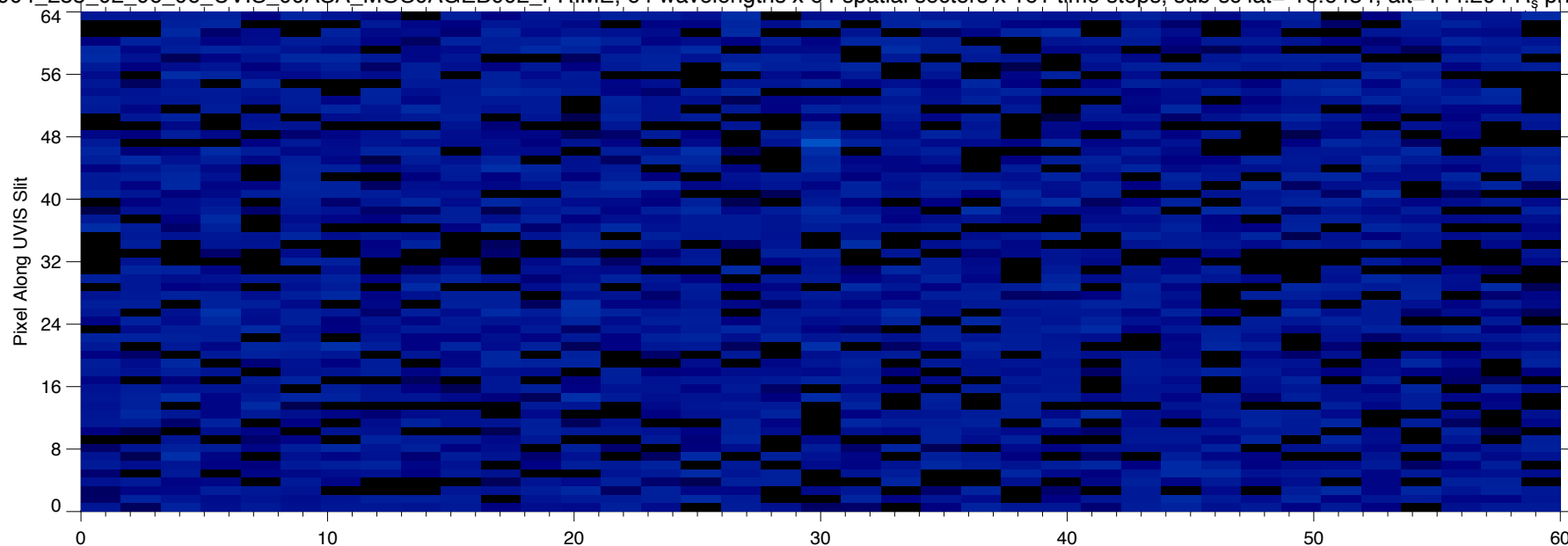
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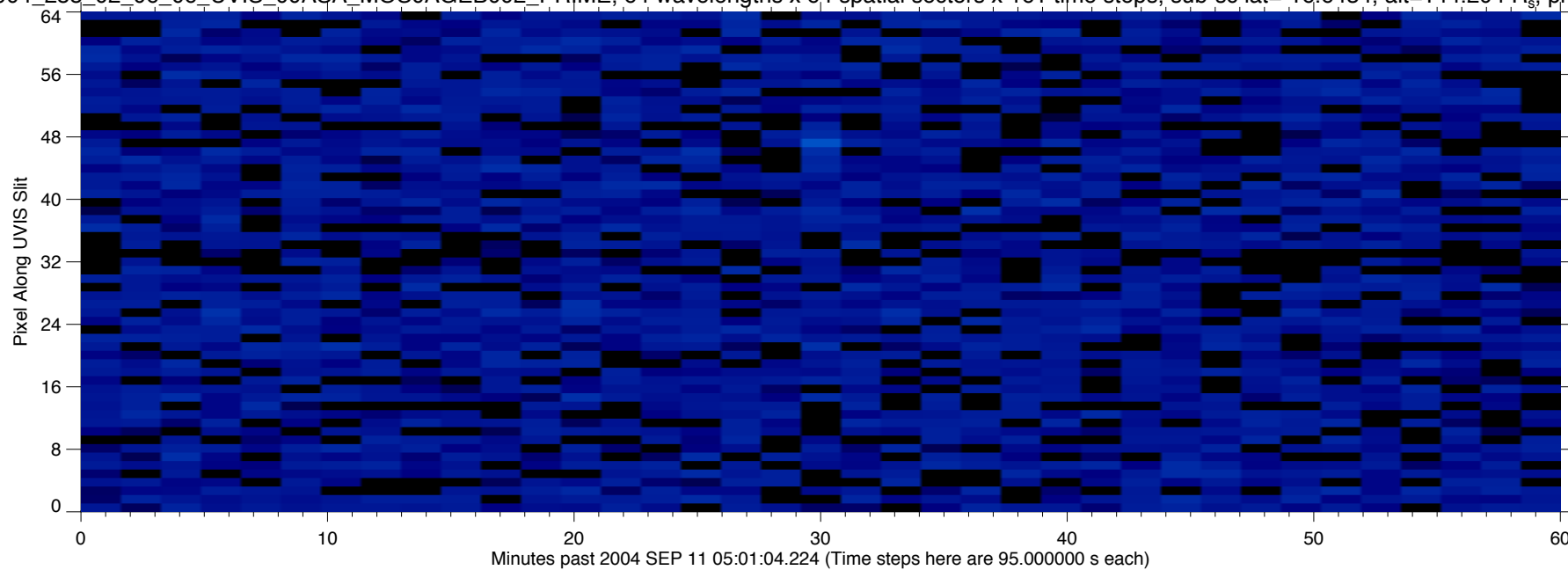
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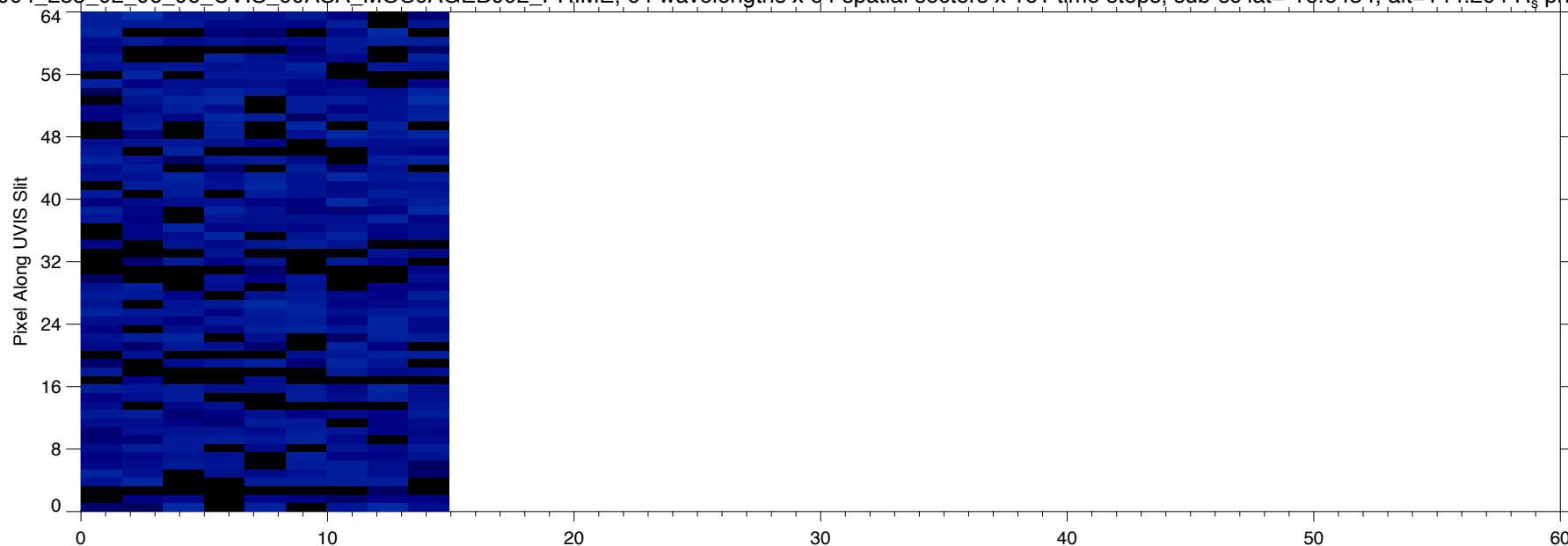
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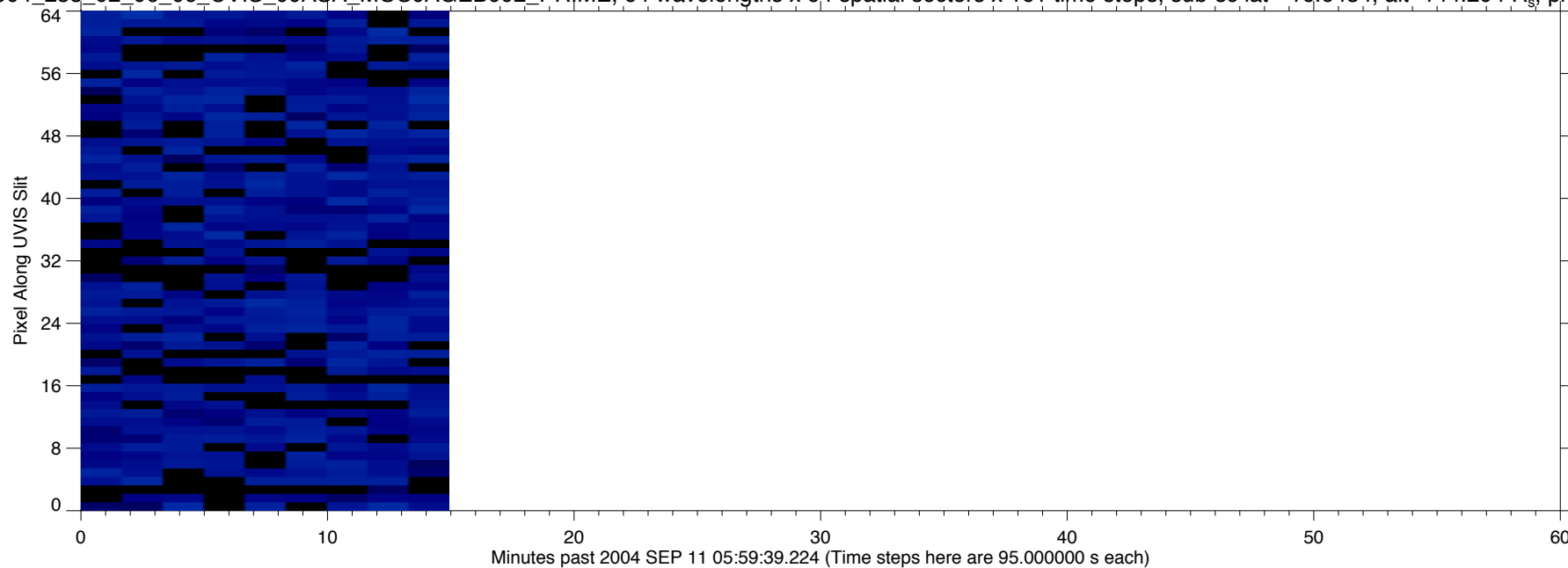
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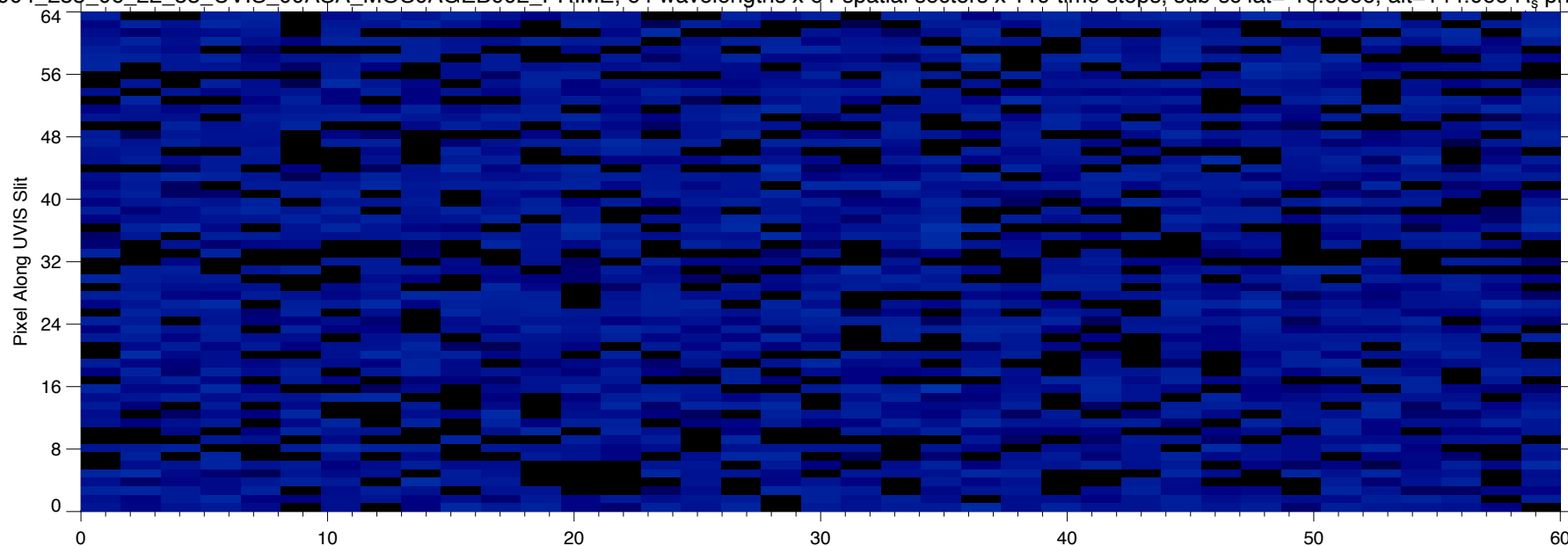
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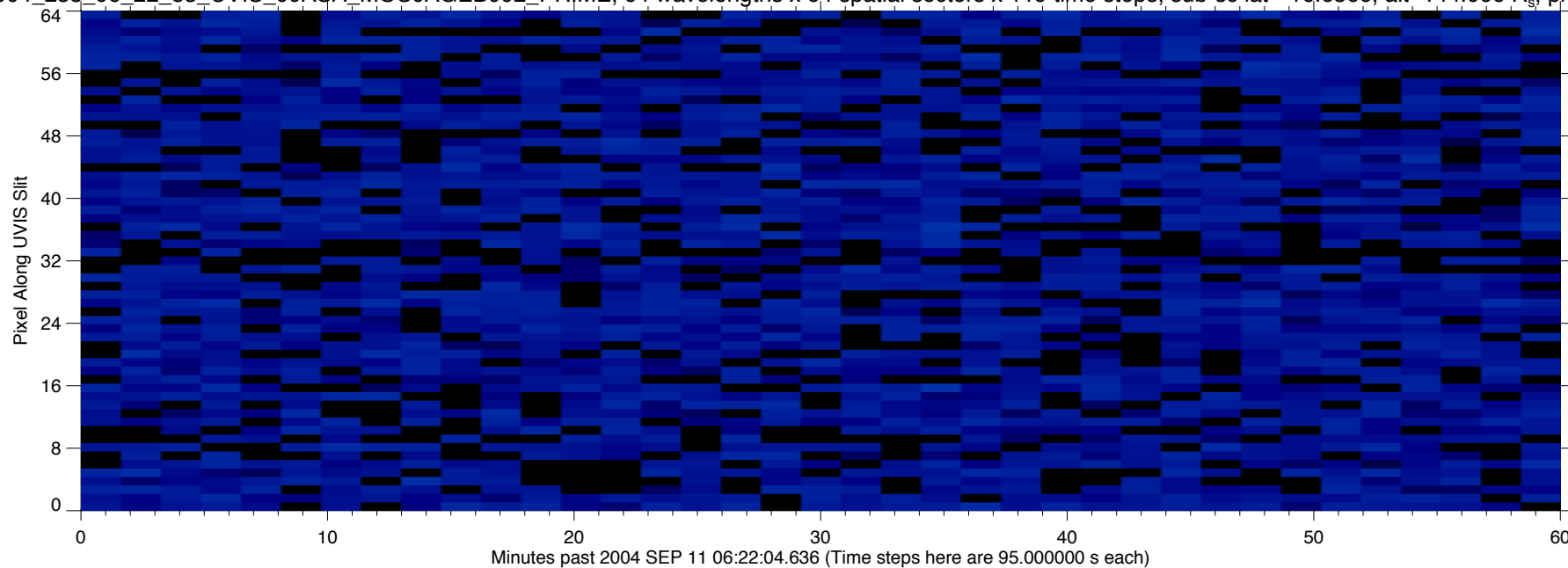
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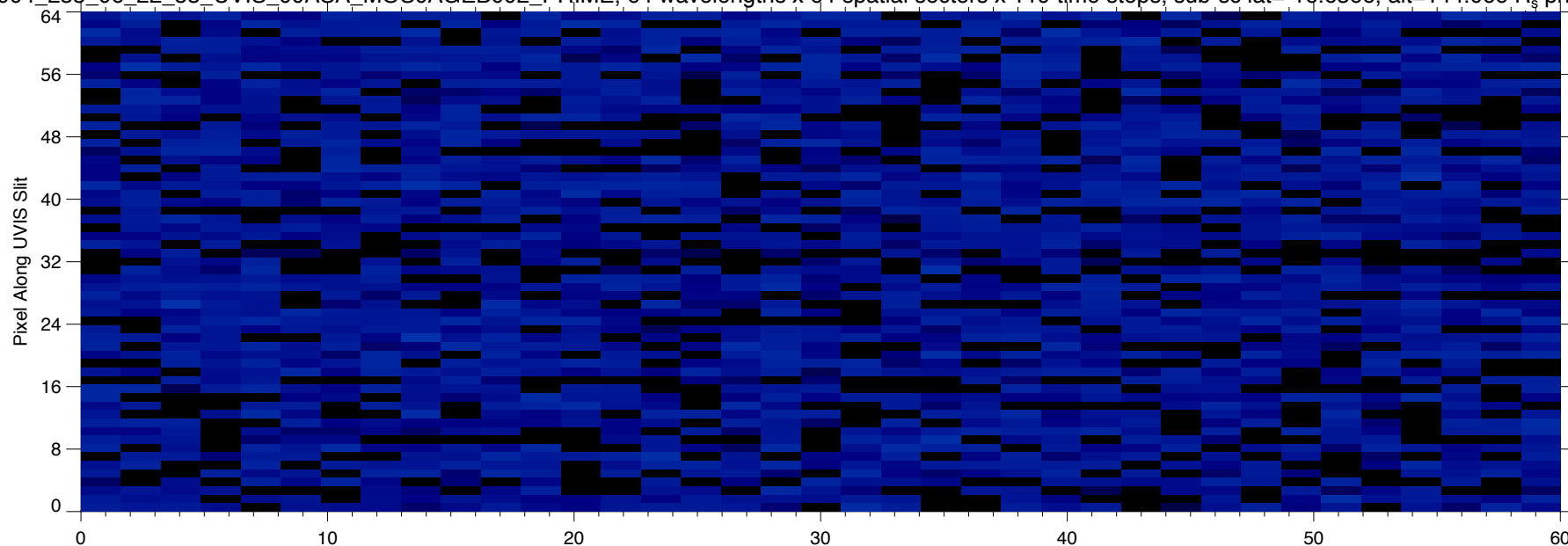
FUV2004_255_06_22_53_UVIS_00ASA_MOS0AGEB002_PRIME, 64 wavelengths x 64 spatial sectors x 119 time steps, sub-sc lat=-16.6366, alt=144.066 R_s, phase=82.5217



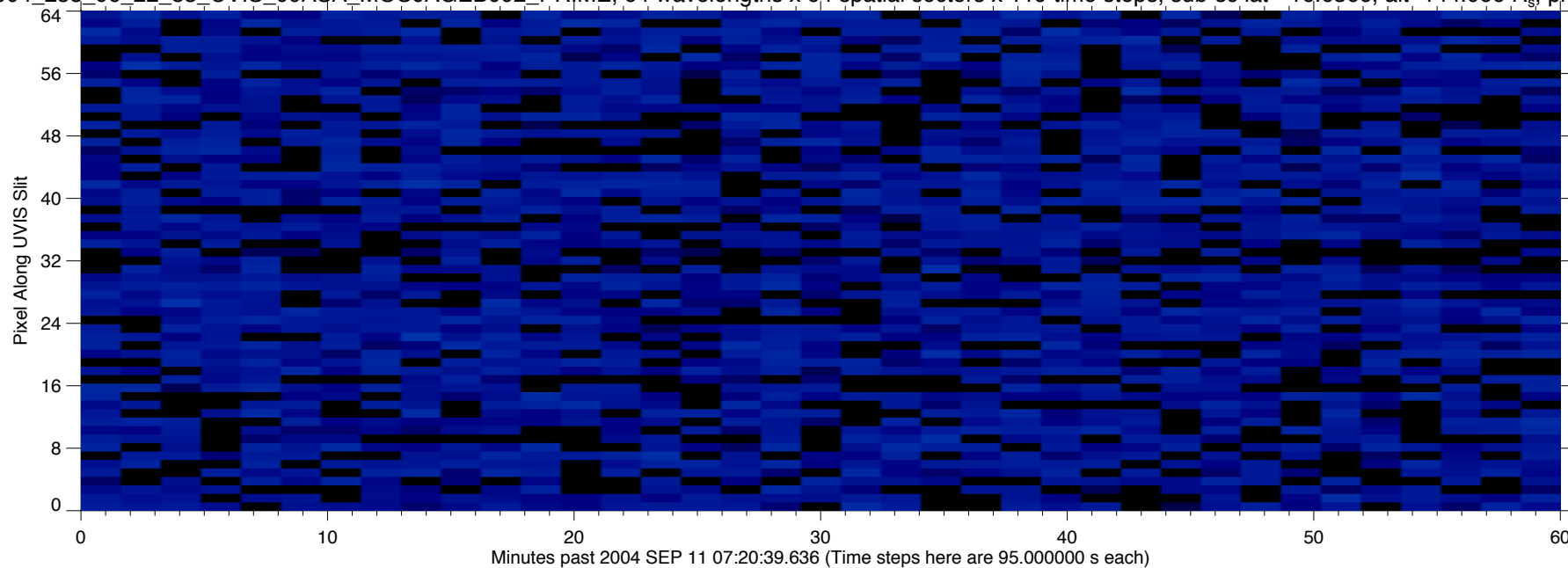
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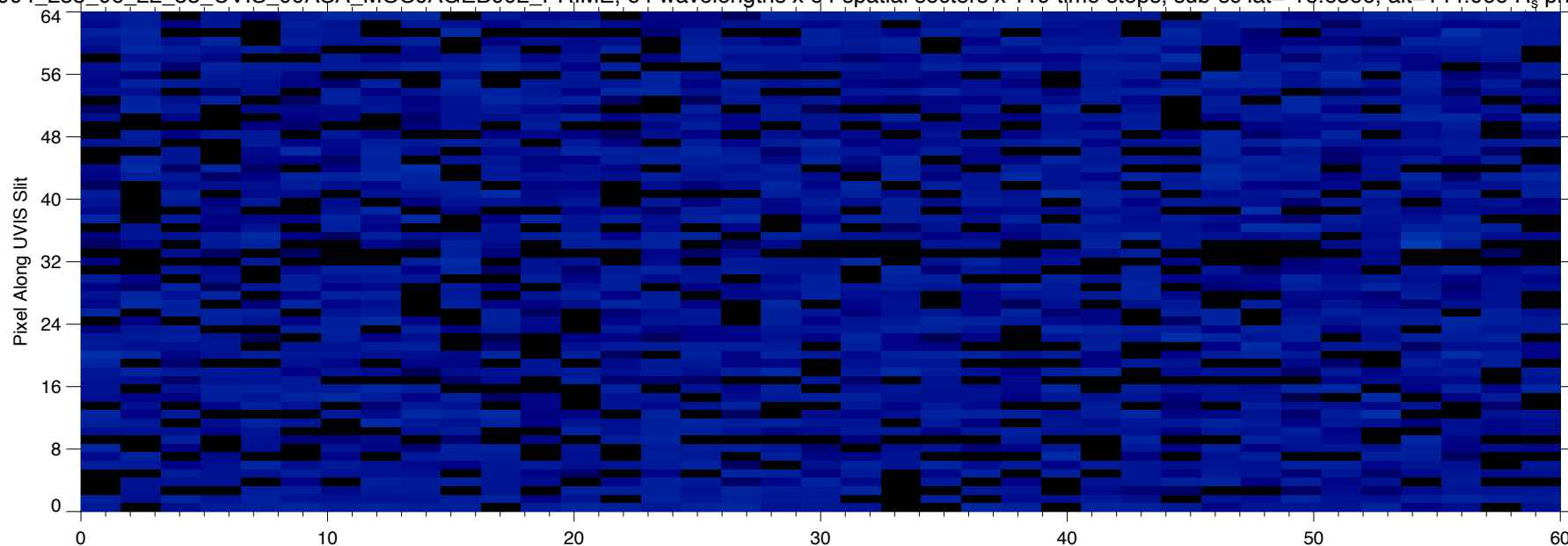
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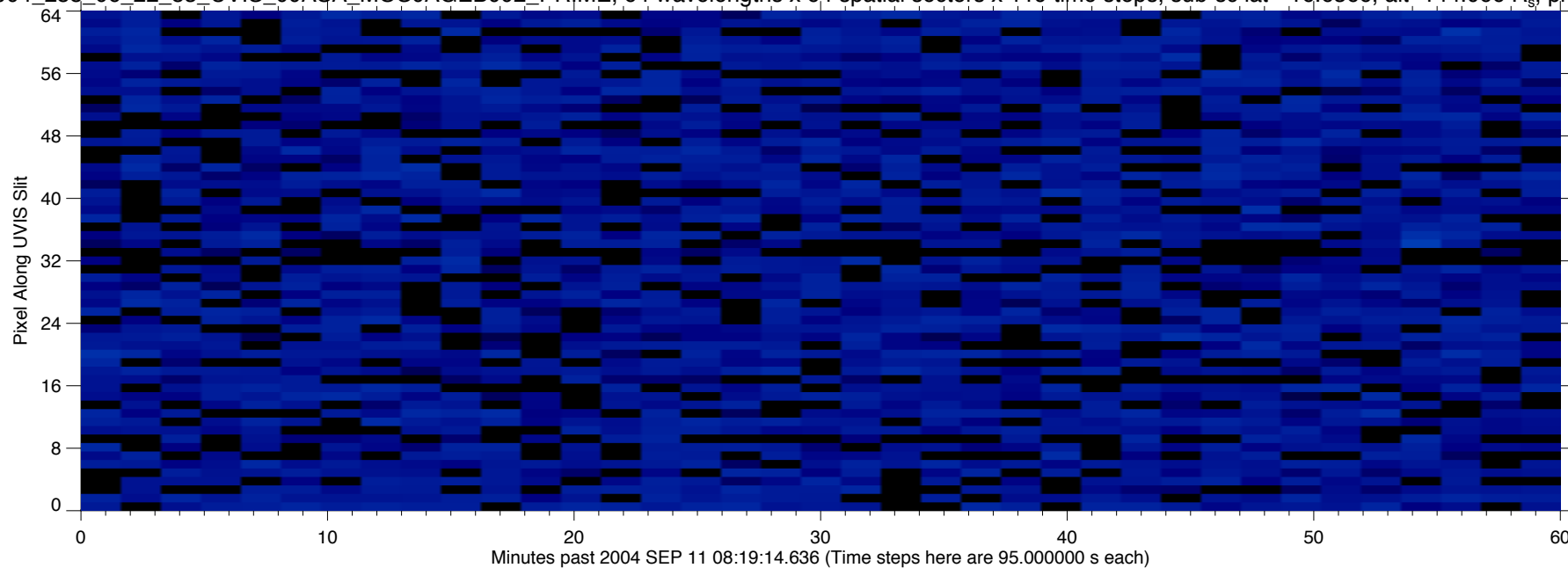
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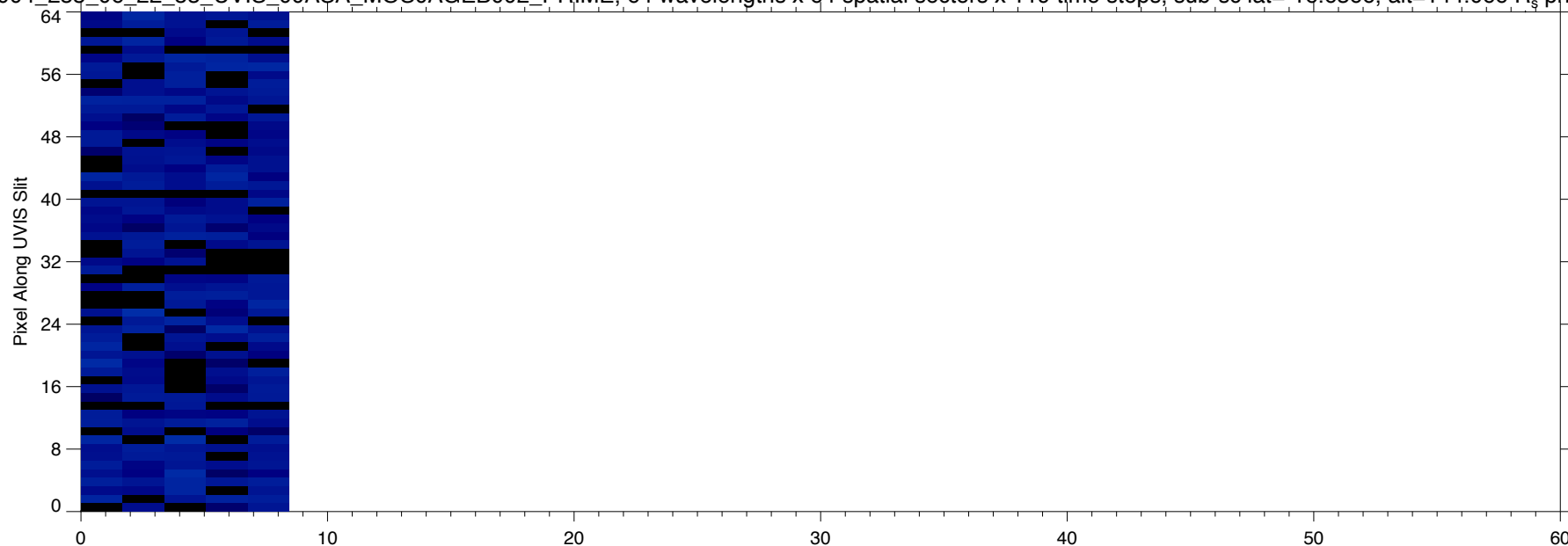
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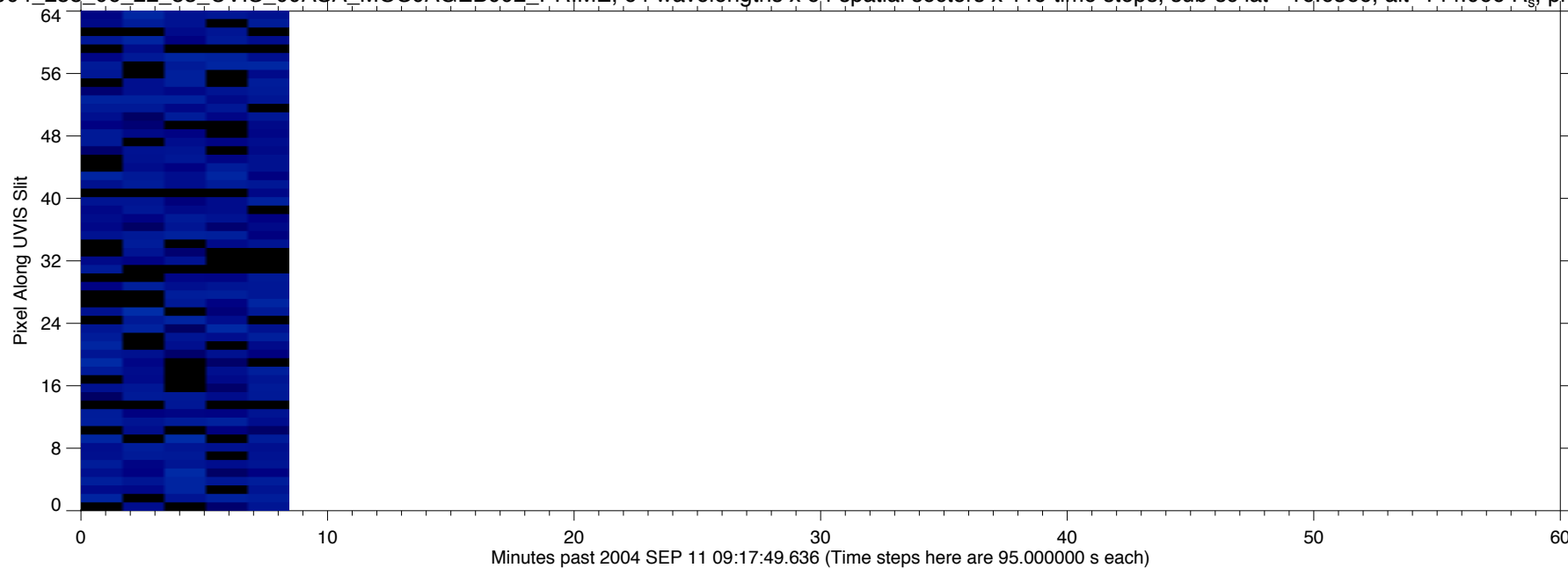
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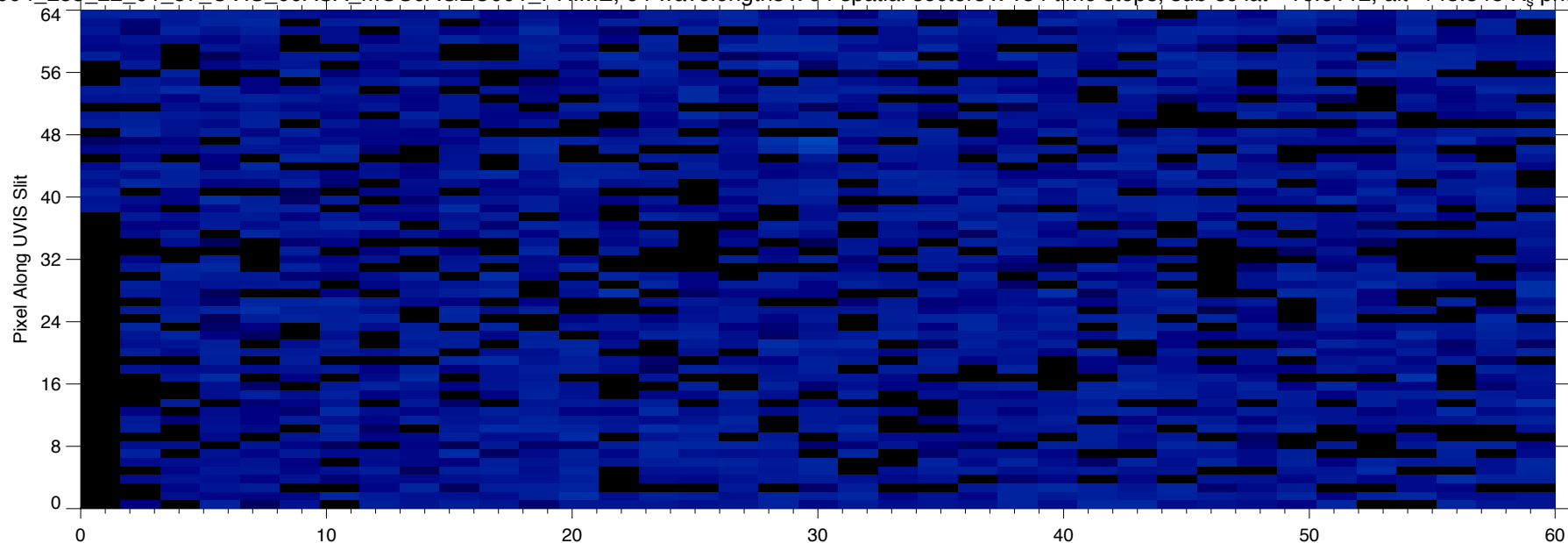
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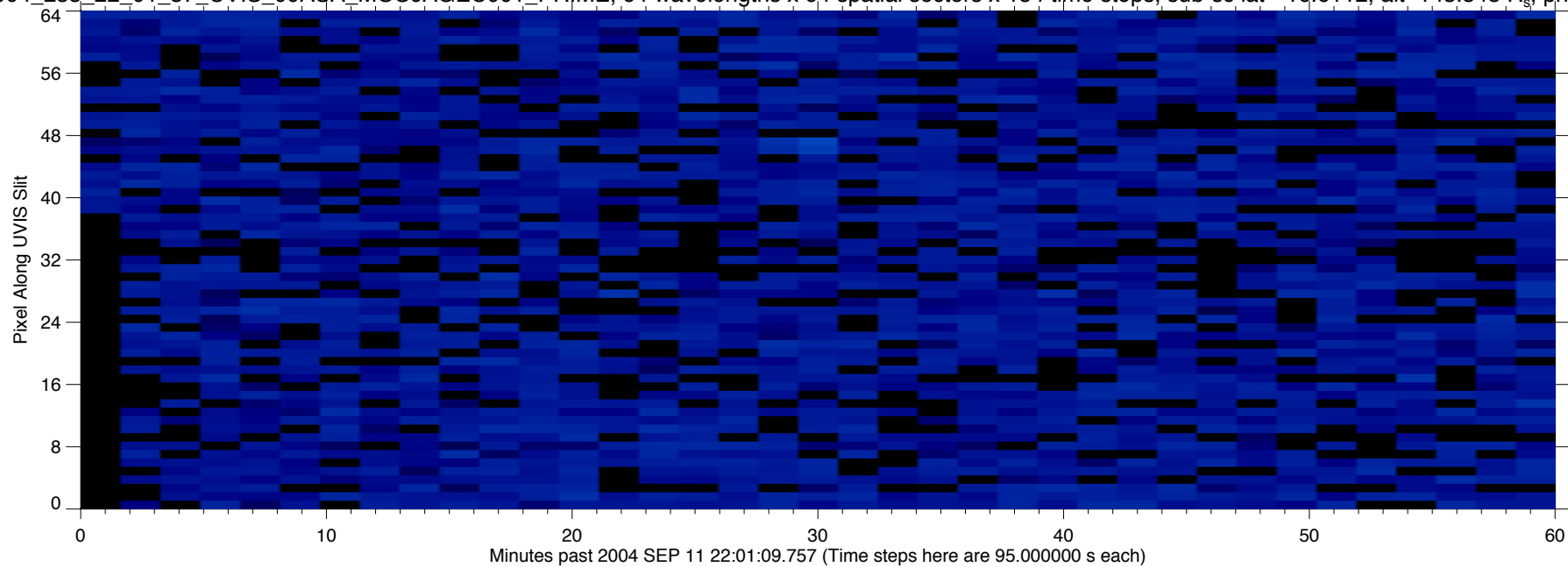
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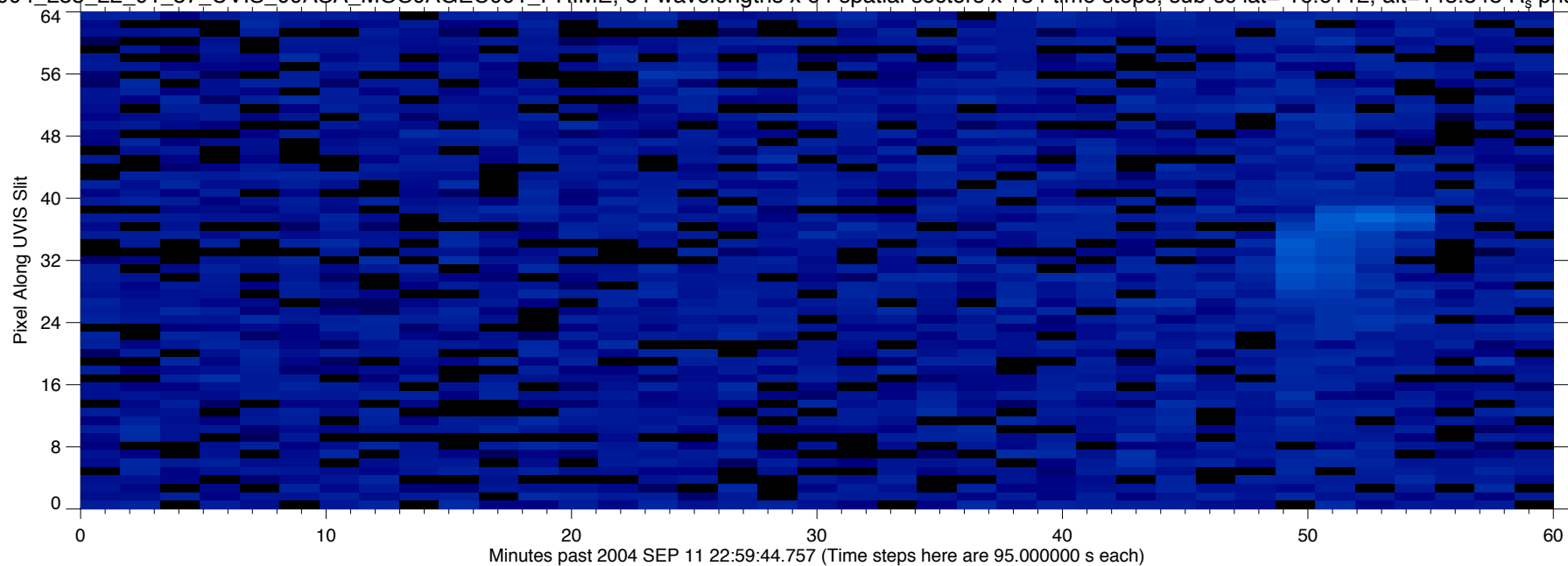
FUV2004_255_22_01_57_UVIS_00ASA_MOS0AGEC001_PRIME, 64 wavelengths x 64 spatial sectors x 154 time steps, sub-sc lat=-16.6112, alt=143.548 R_s phase=82.3235



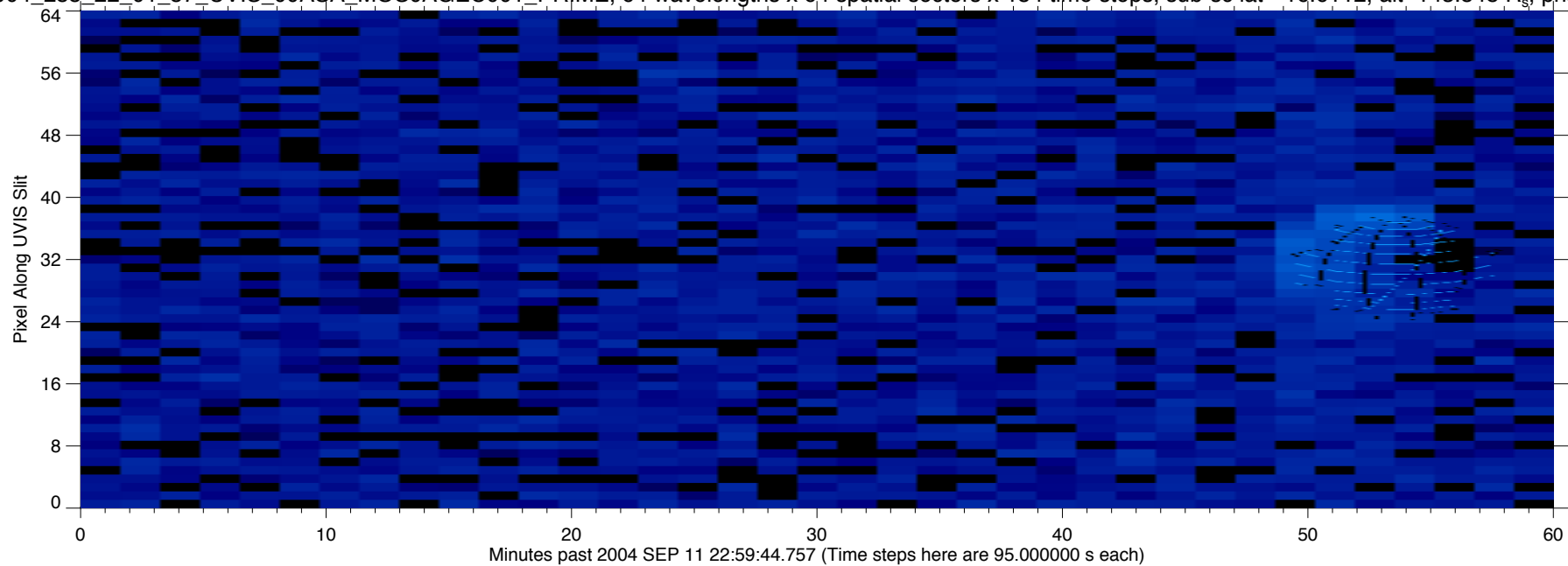
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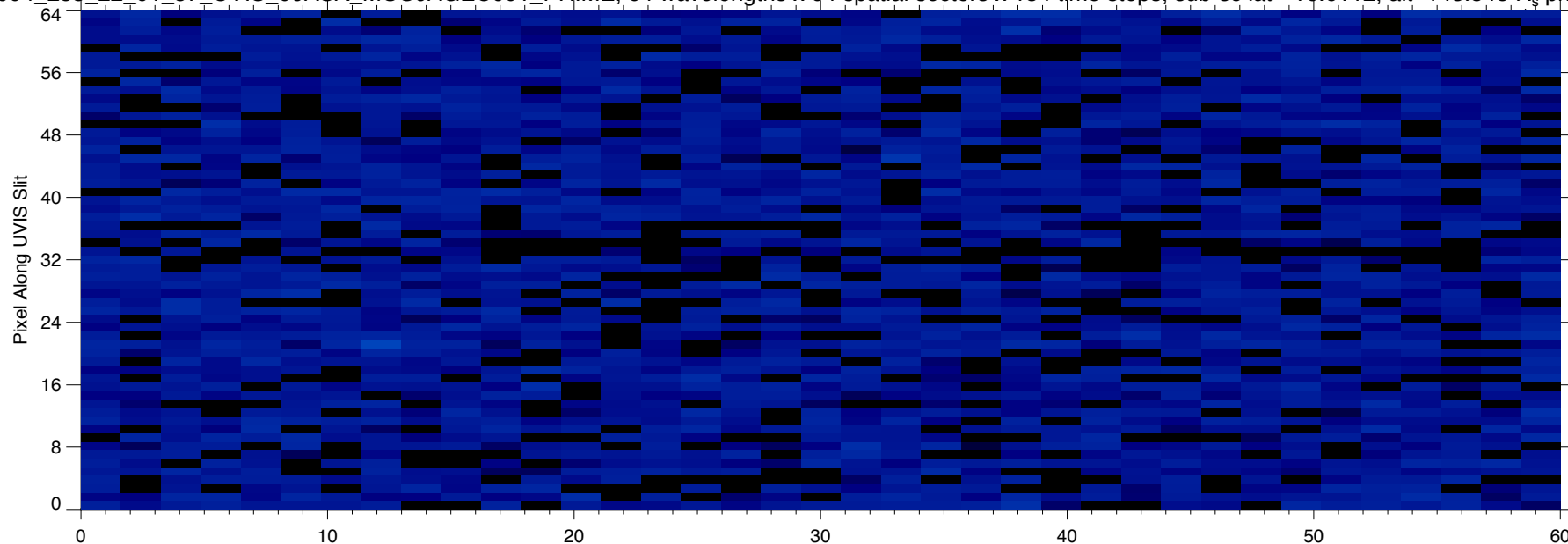
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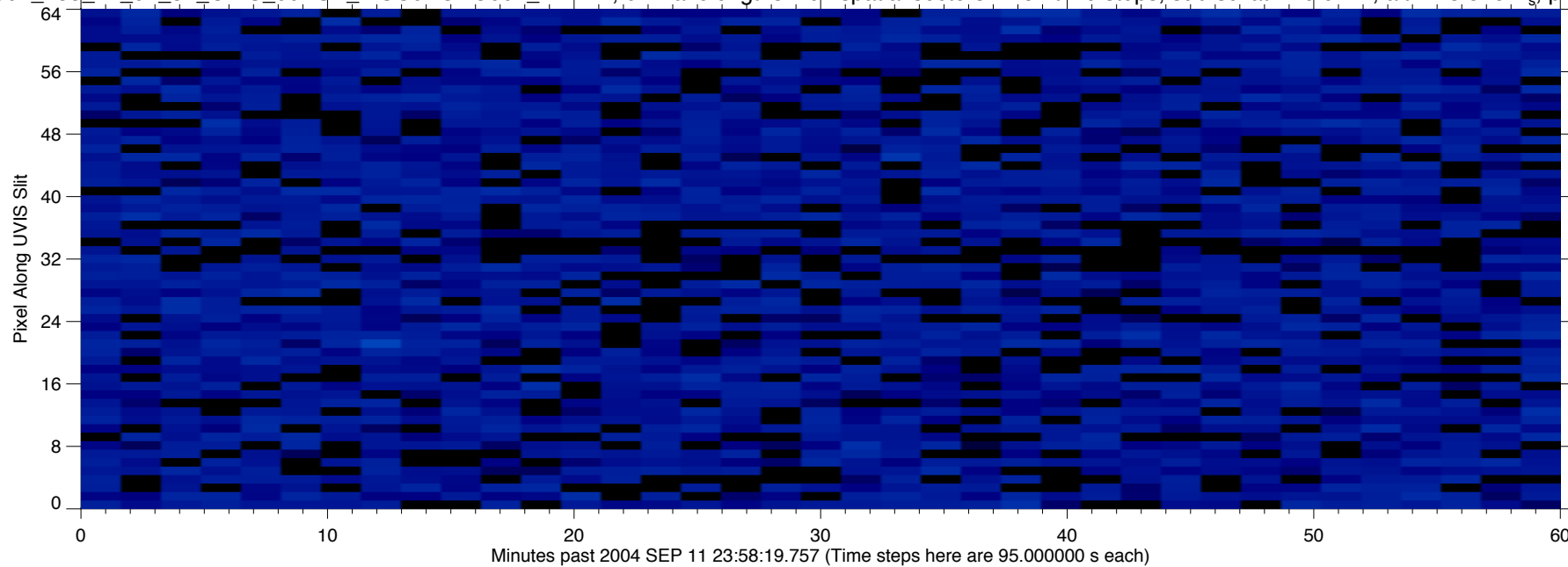
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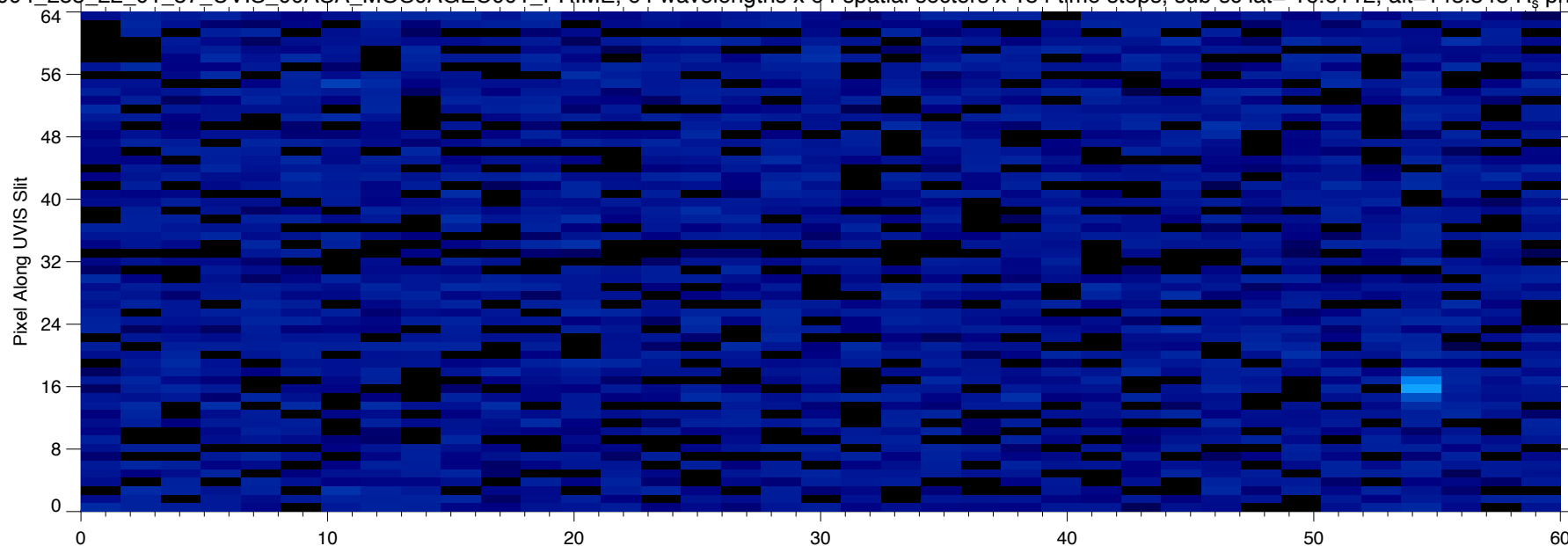
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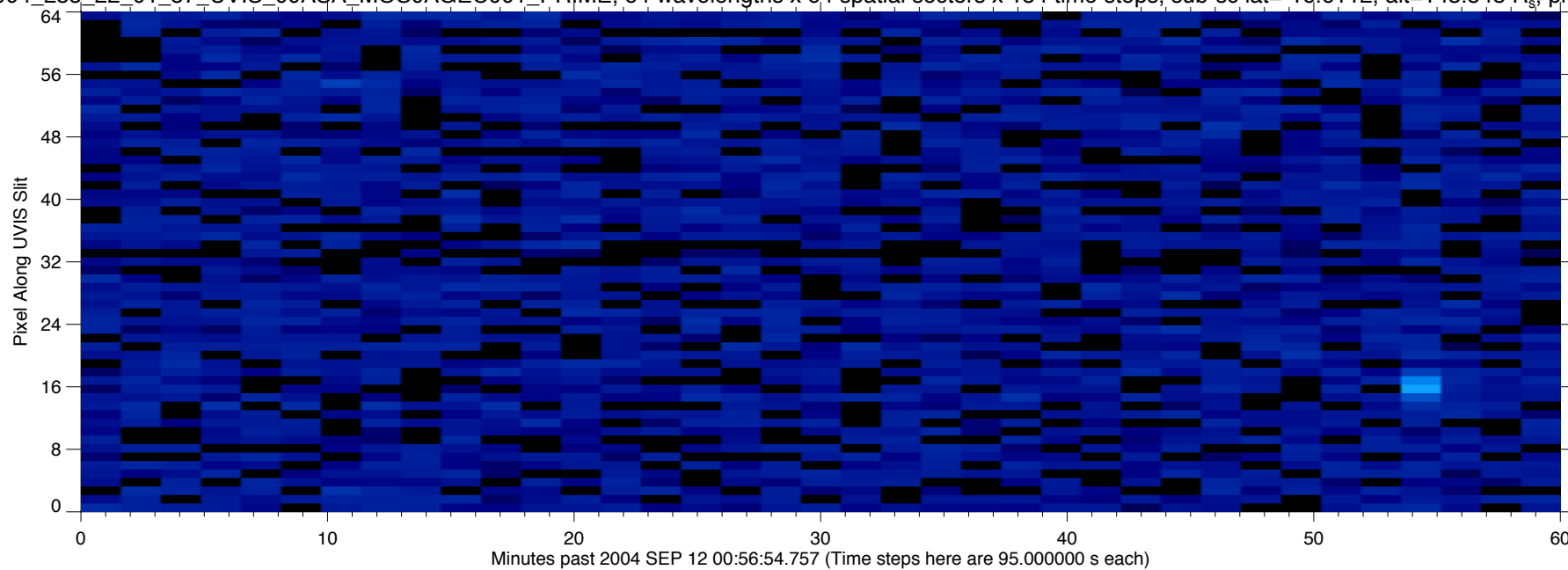
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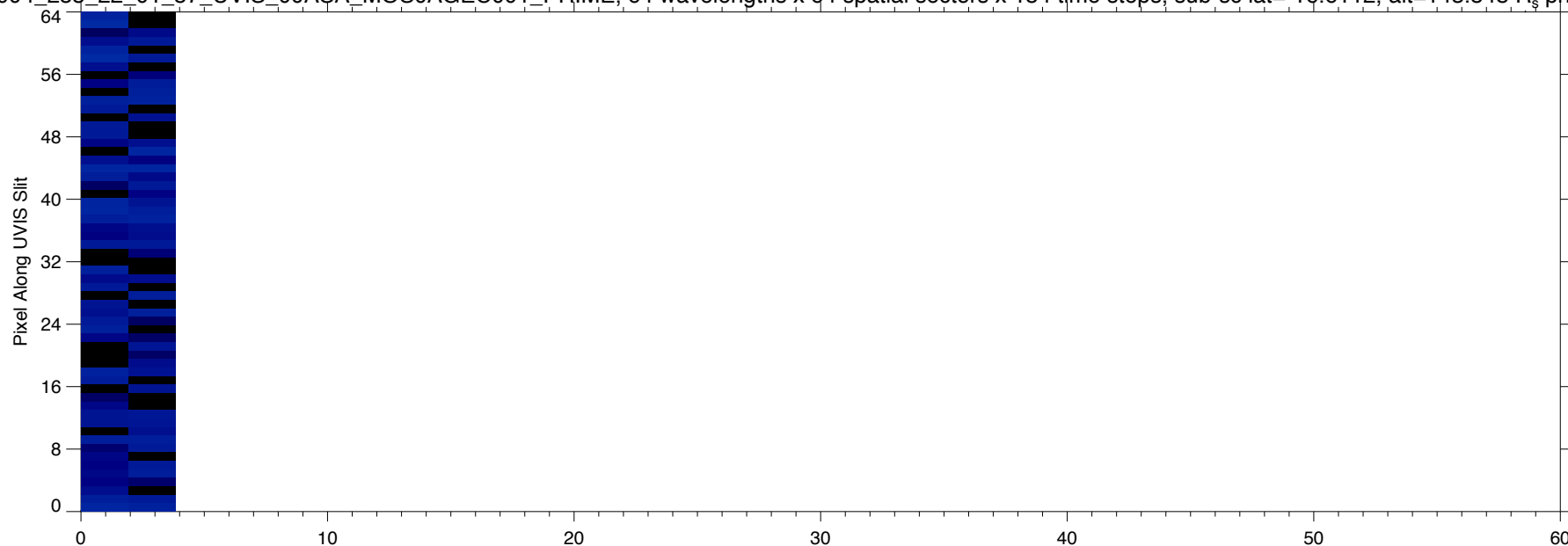
FUV2004_255_22_01_57_UVIS_00A_MOS0AGEC001_PRIME, 64 wavelengths x 64 spatial sectors x 154 time steps, sub-sc lat=-16.6112, alt=143.548 R_s phase=82.3235



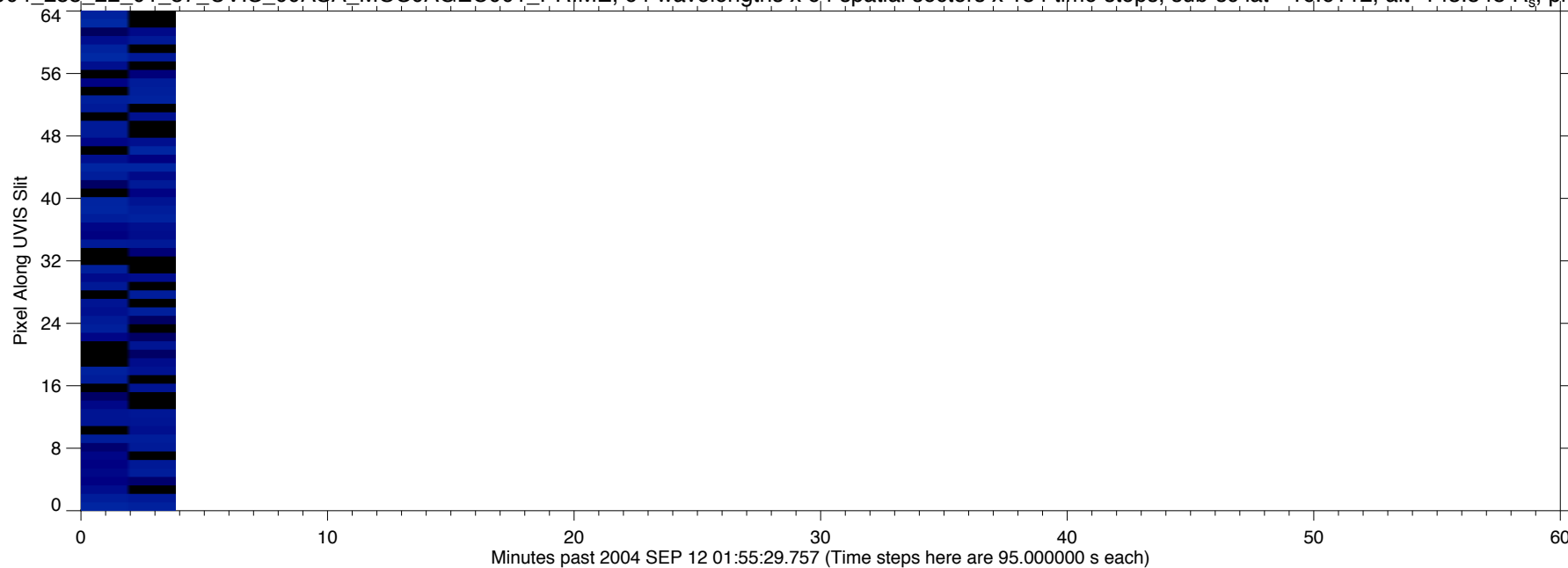
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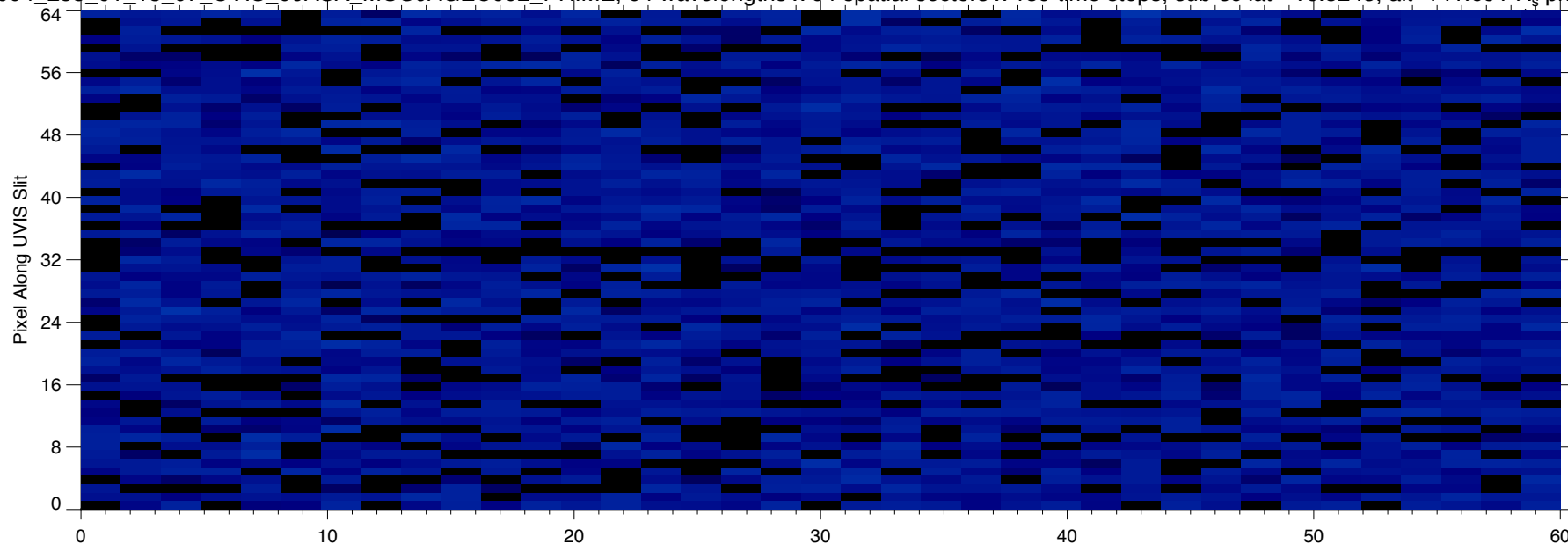
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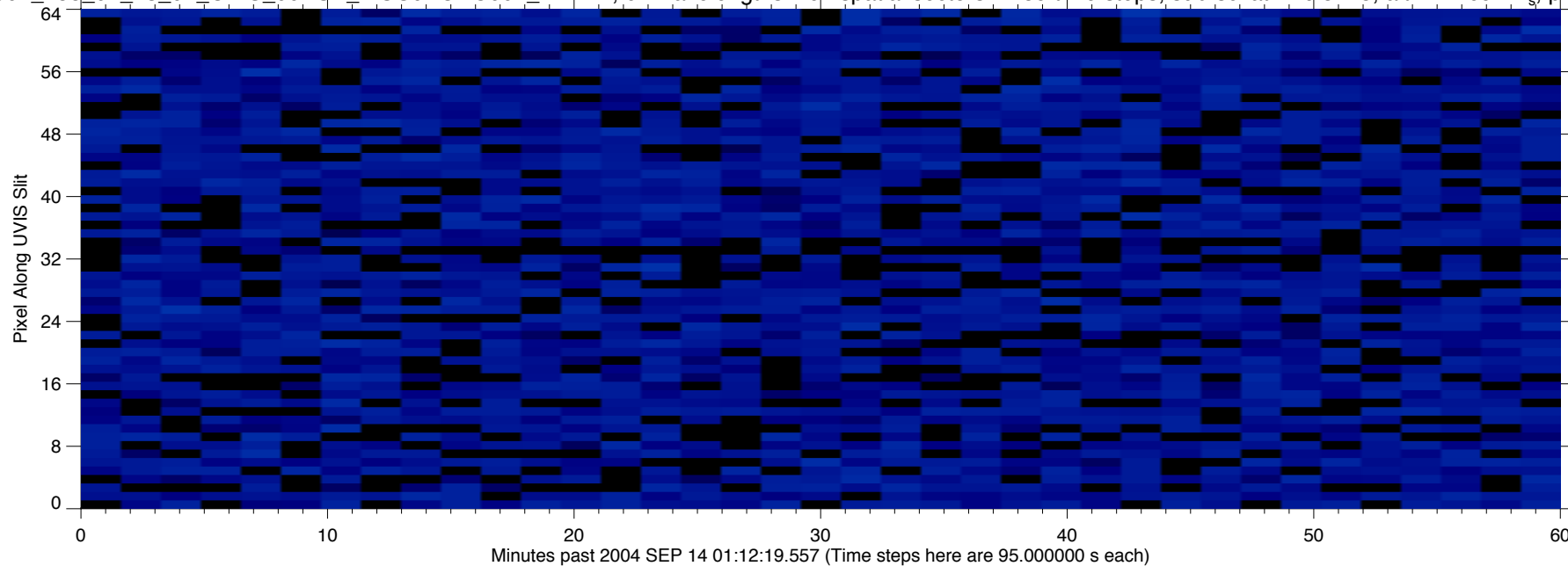
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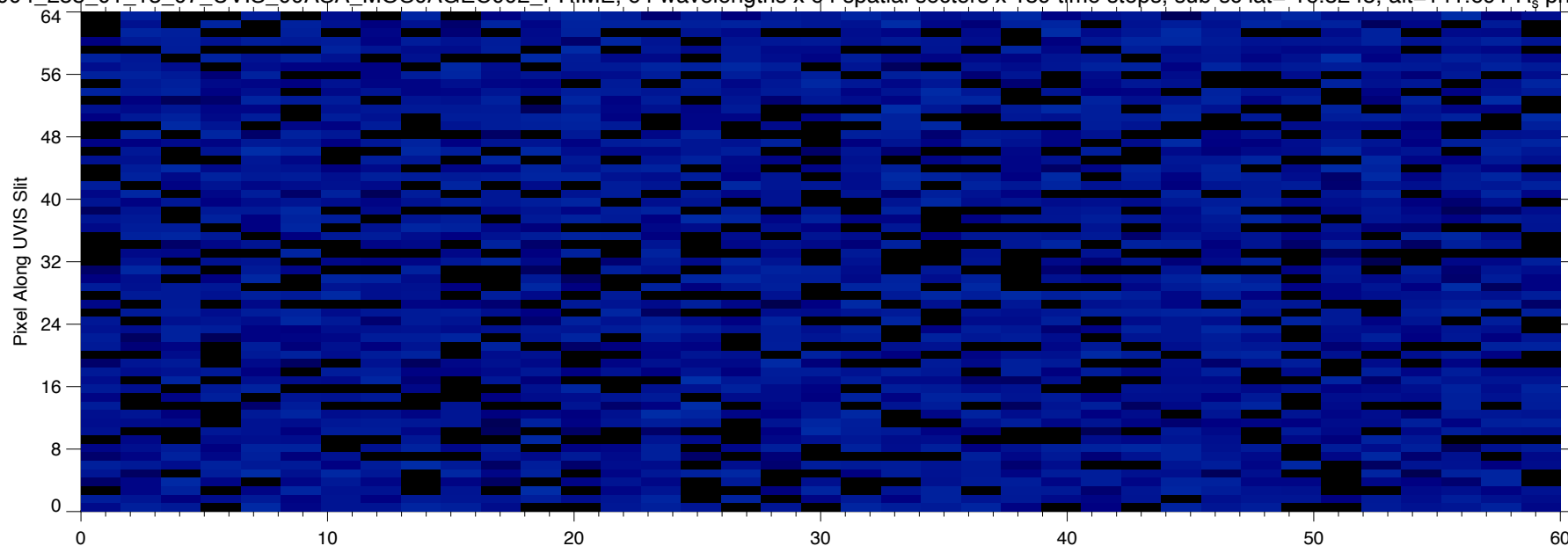
FUV2004_258_01_13_07_UVIS_00ASA_MOS0AGEC002_PRIME, 64 wavelengths x 64 spatial sectors x 159 time steps, sub-sc lat=-16.5245, alt=141.691 R_s phase=81.6638



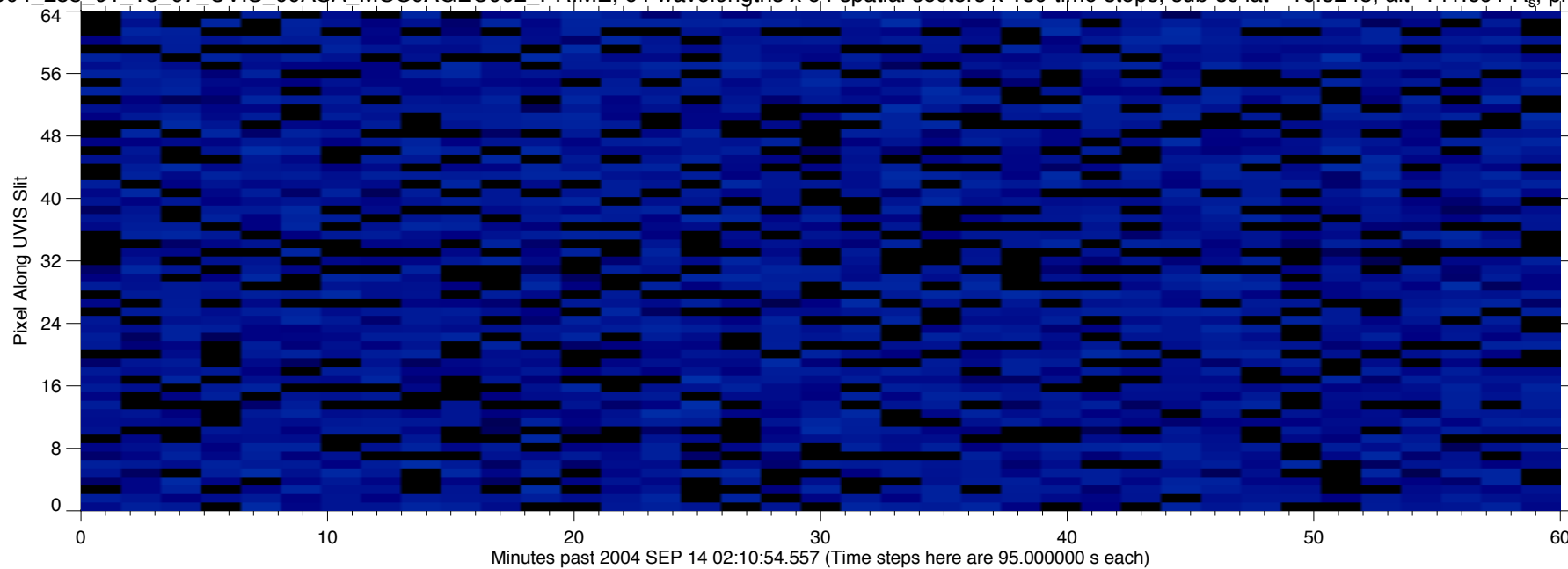
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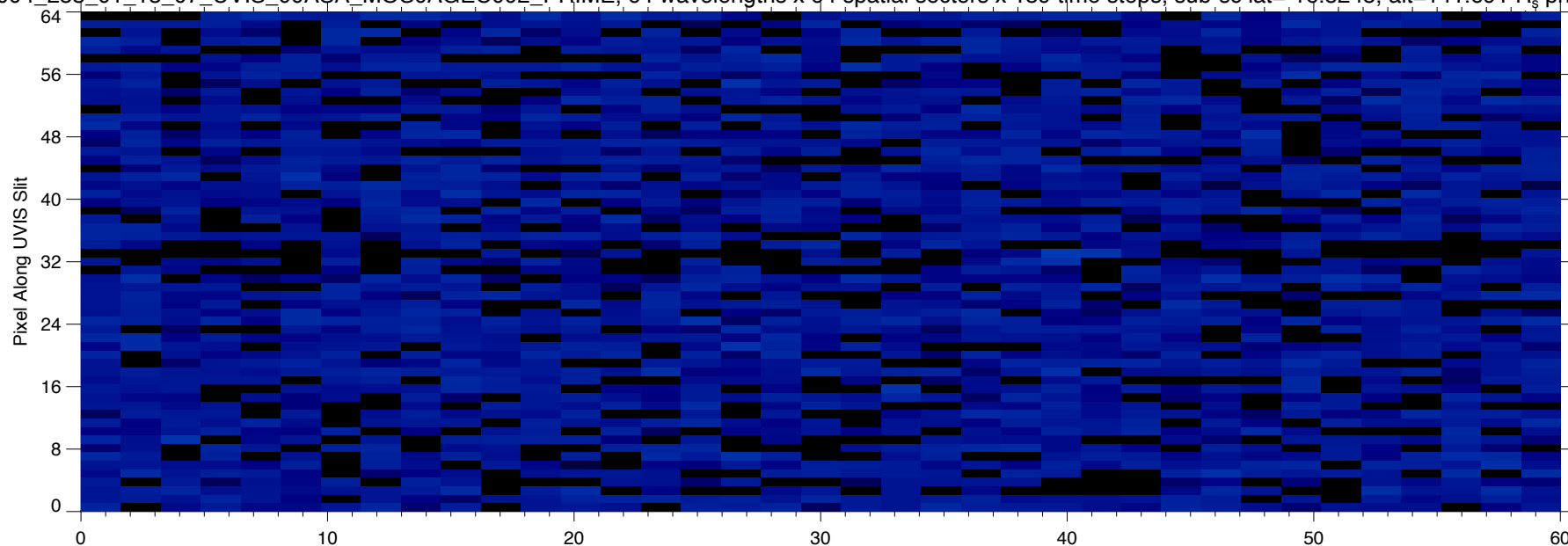
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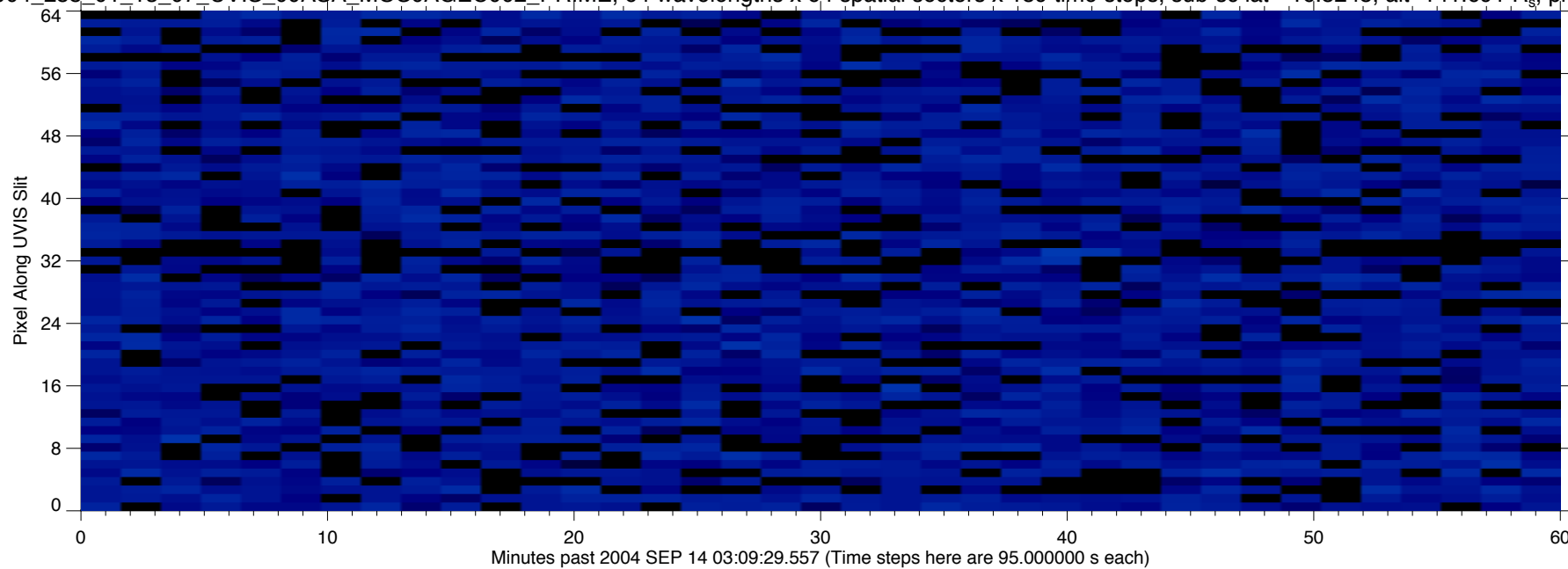
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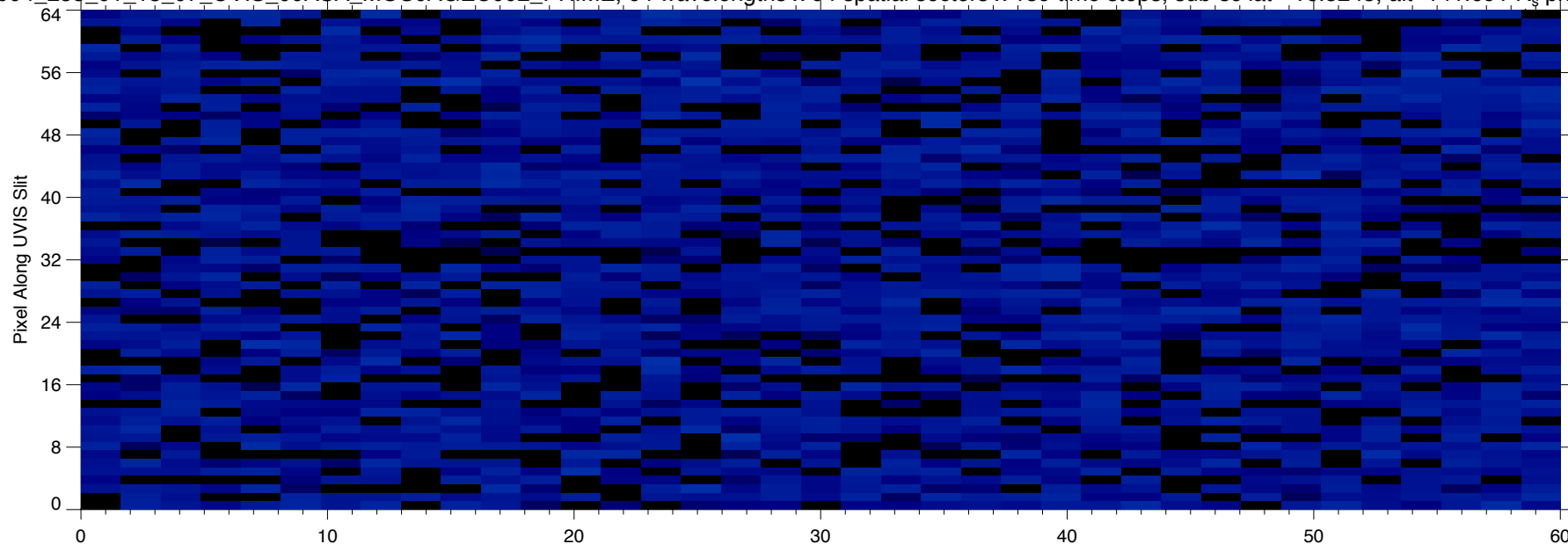
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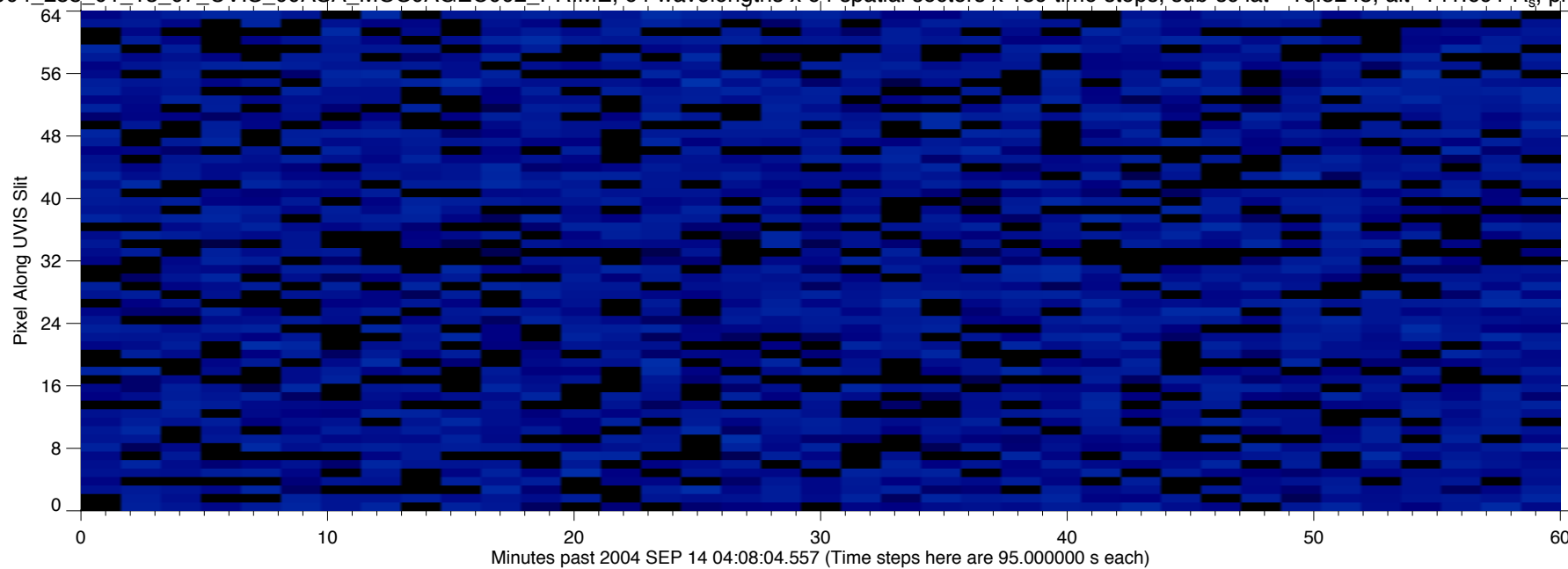
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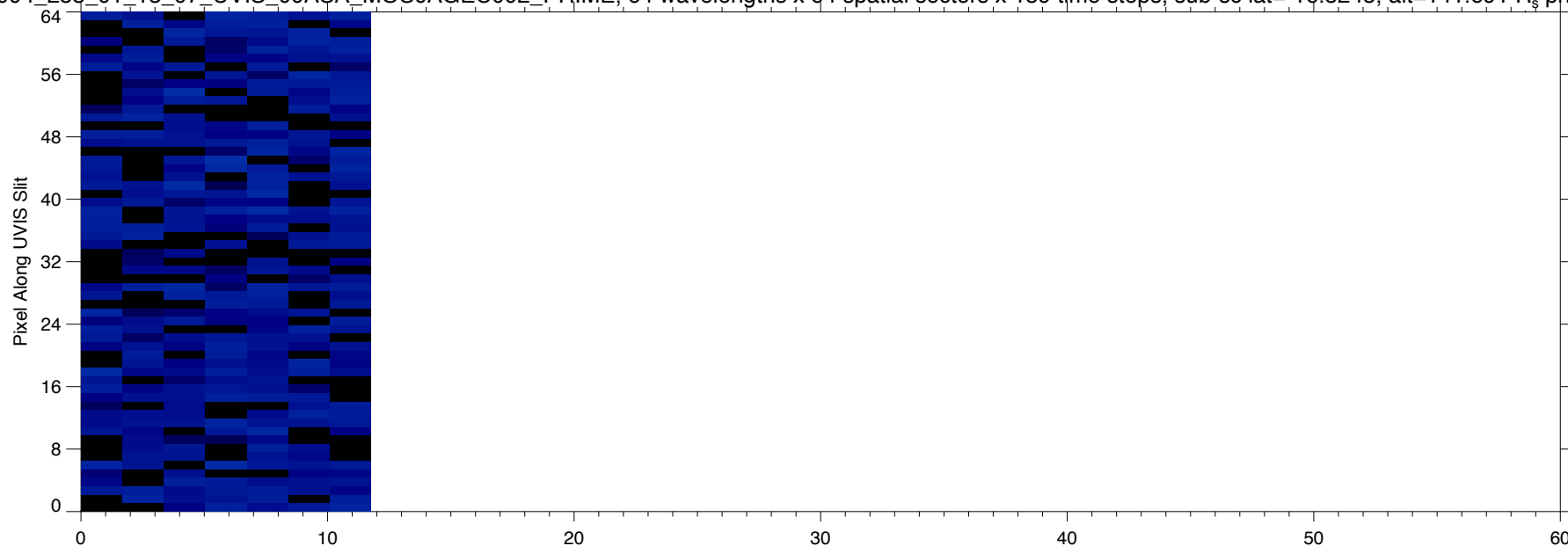
FUV2004_258_01_13_07_UVIS_00A_{SA}_MOS0AGEC002_PRIME, 64 wavelengths x 64 spatial sectors x 159 time steps, sub-sc lat=-16.5245, alt=141.691 R_s, phase=81.6638



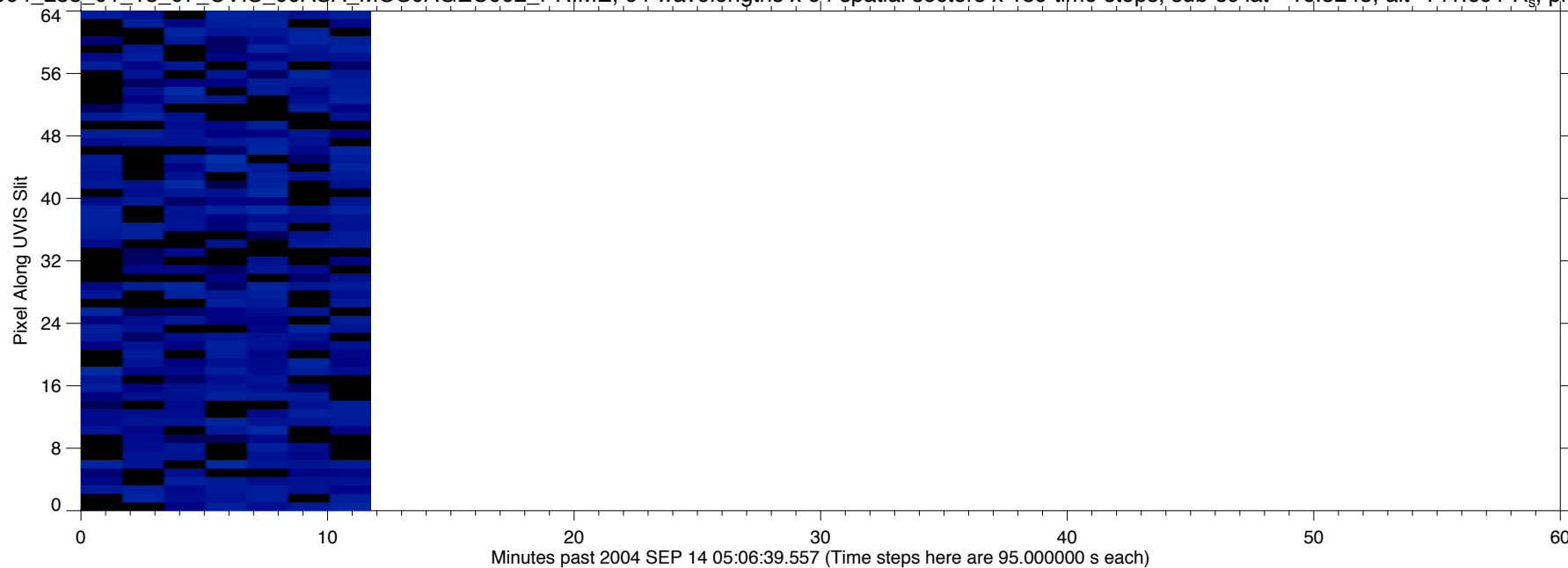
FUV2004_258_01_13_07_UVIS_00A_{SA}_MOS0AGEC002_PRIME, 64 wavelengths x 64 spatial sectors x 159 time steps, sub-sc lat=-16.5245, alt=141.691 R_s, phase=81.6638



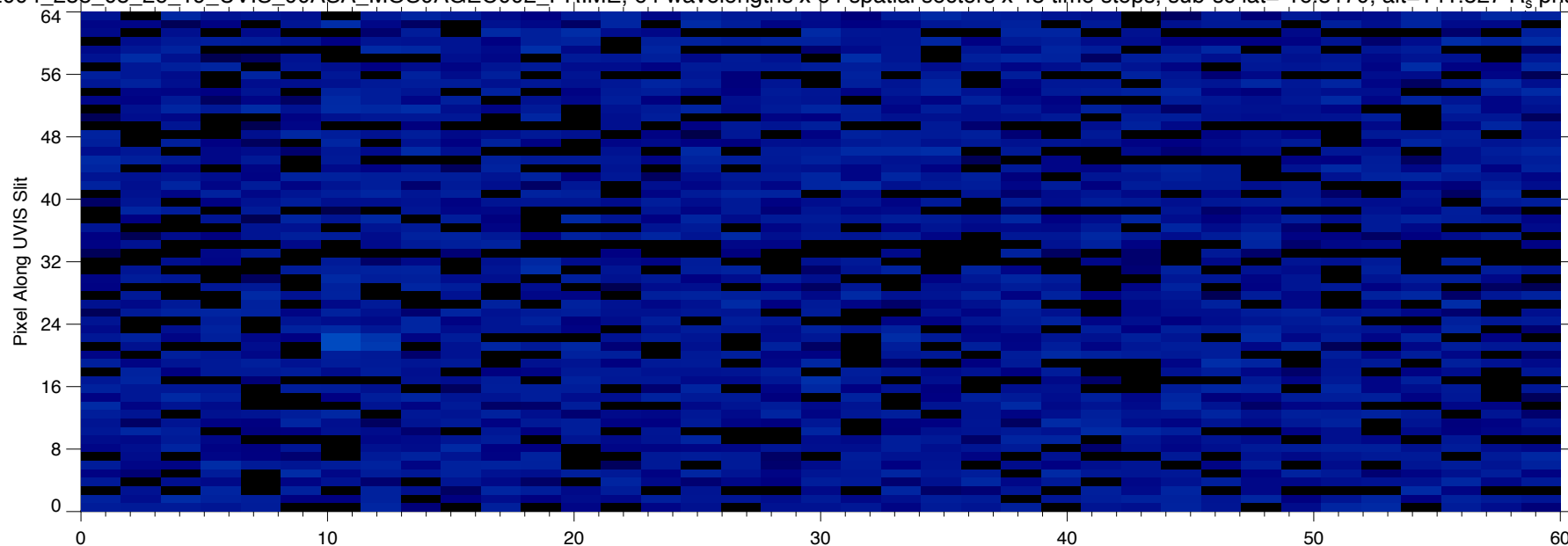
FUV2004_258_01_13_07_UVIS_00ASA_MOS0AGEC002_PRIME, 64 wavelengths x 64 spatial sectors x 159 time steps, sub-sc lat=-16.5245, alt=141.691 R_s phase=81.6638



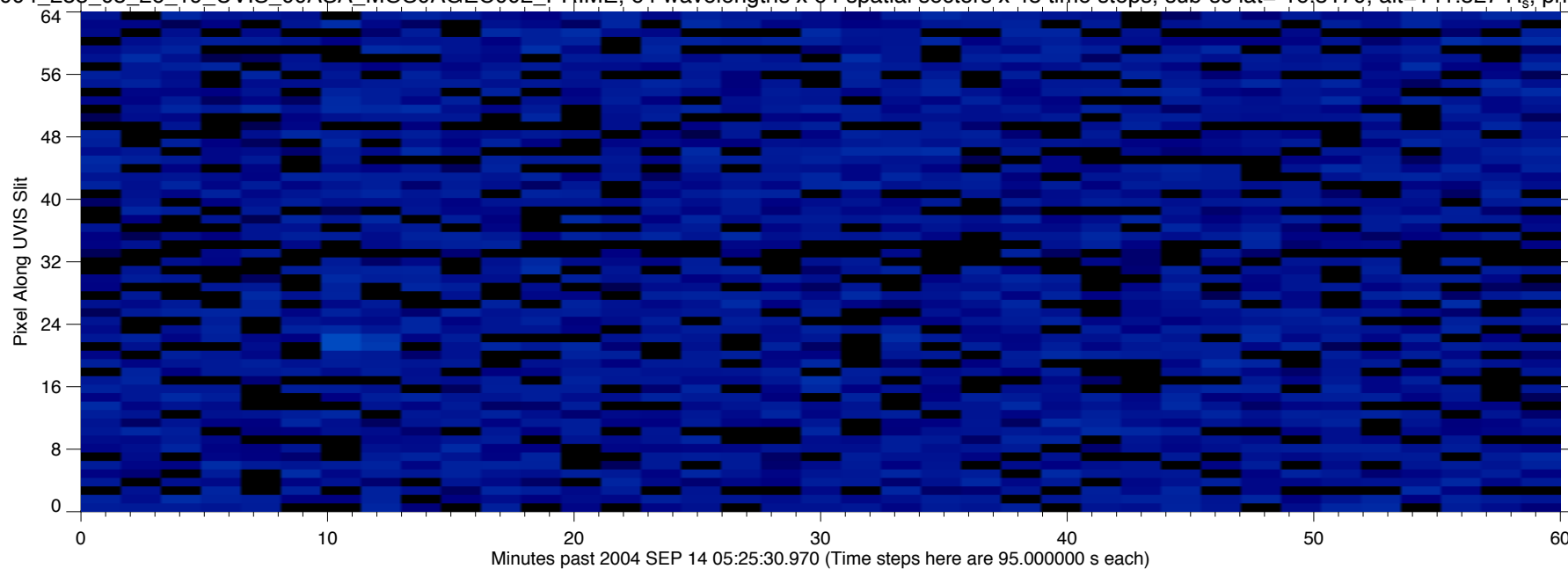
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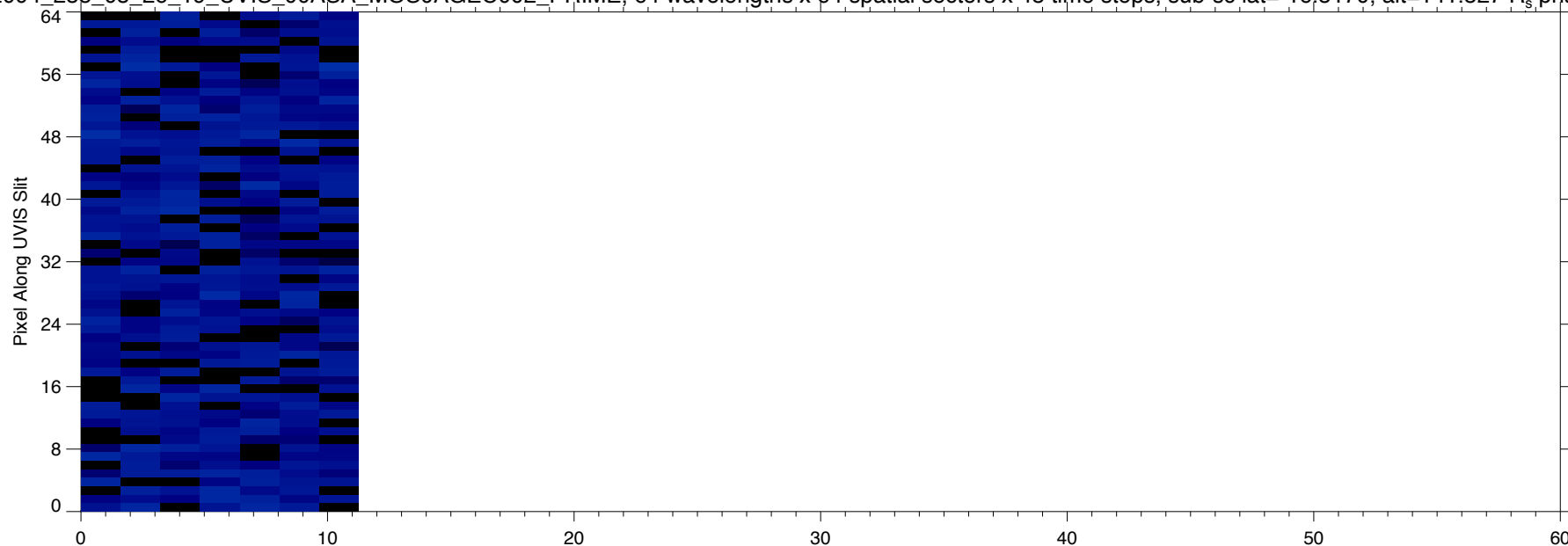
FUV2004_258_05_26_19_UVIS_00ASA_MOS0AGEC002_PRIME, 64 wavelengths x 64 spatial sectors x 45 time steps, sub-sc lat=-16.5170, alt=141.527 R_s, phase=81.6086



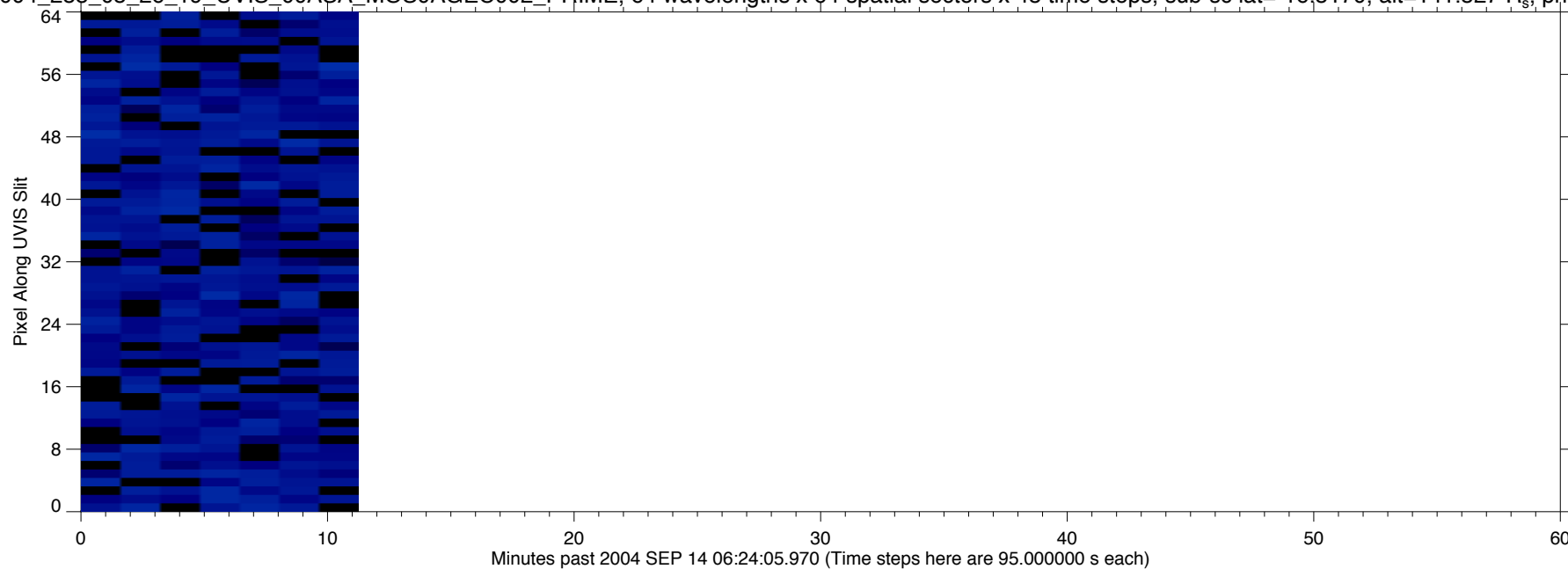
FUV2004_258_05_26_19_UVIS_00ASA_MOS0AGEC002_PRIME, 64 wavelengths x 64 spatial sectors x 45 time steps, sub-sc lat=-16.5170, alt=141.527 R_s, phase=81.6086



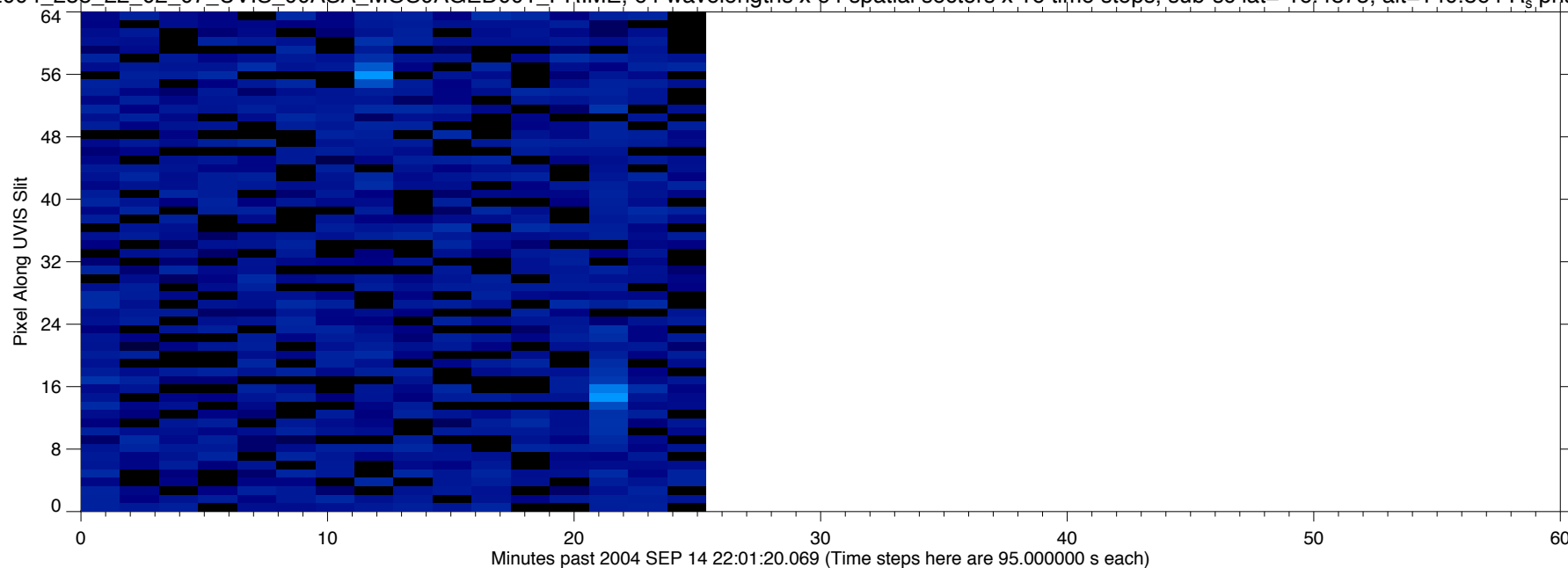
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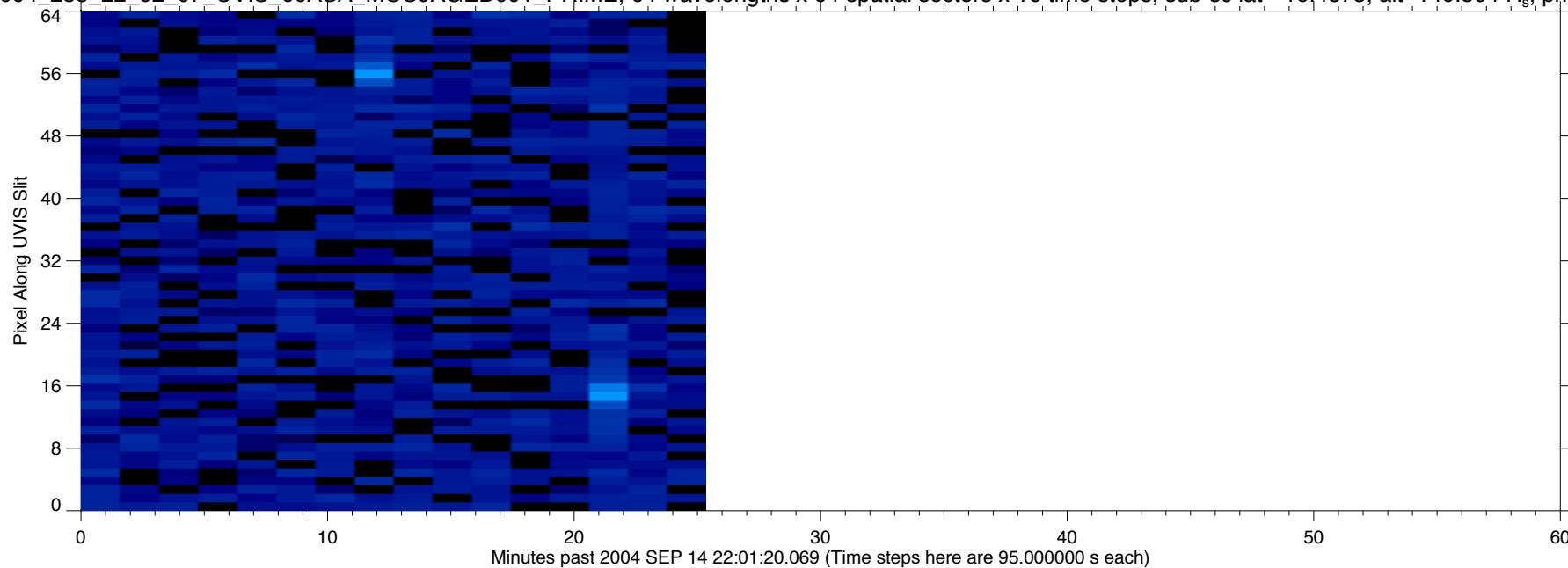
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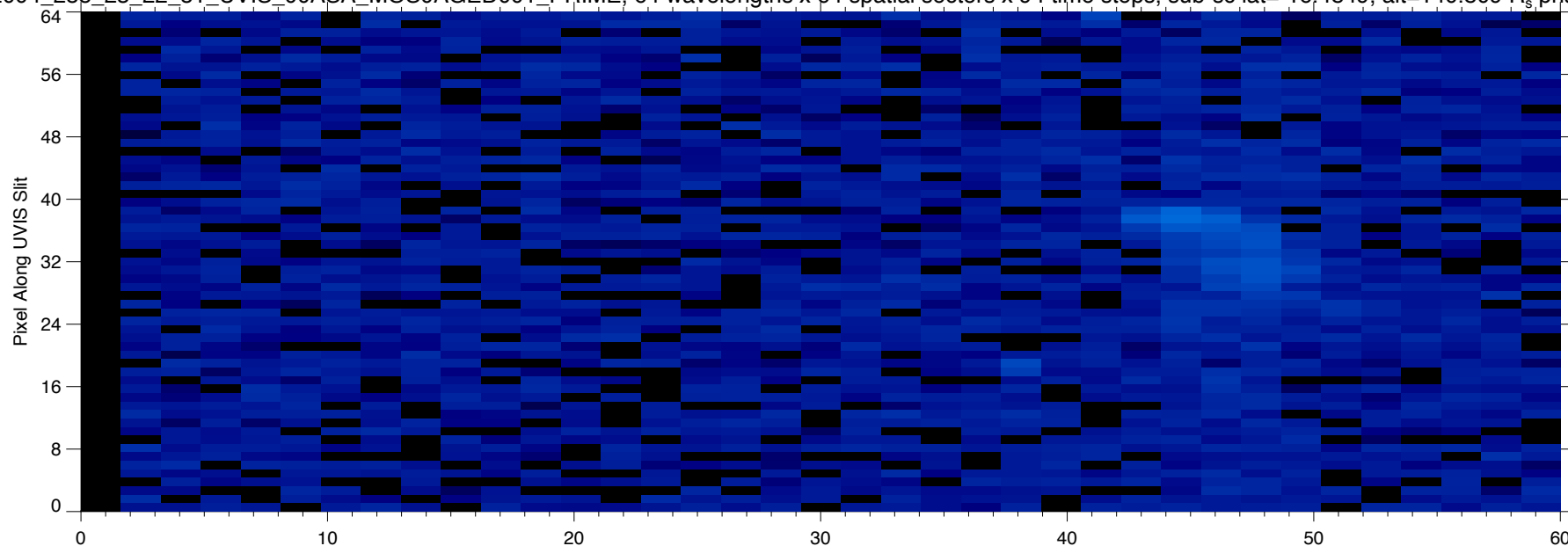
FUV2004_258_22_02_07_UVIS_00ASA_MOS0AGED001_PRIME, 64 wavelengths x 64 spatial sectors x 16 time steps, sub-sc lat=-16.4873, alt=140.864 R_s, phase=81.3899



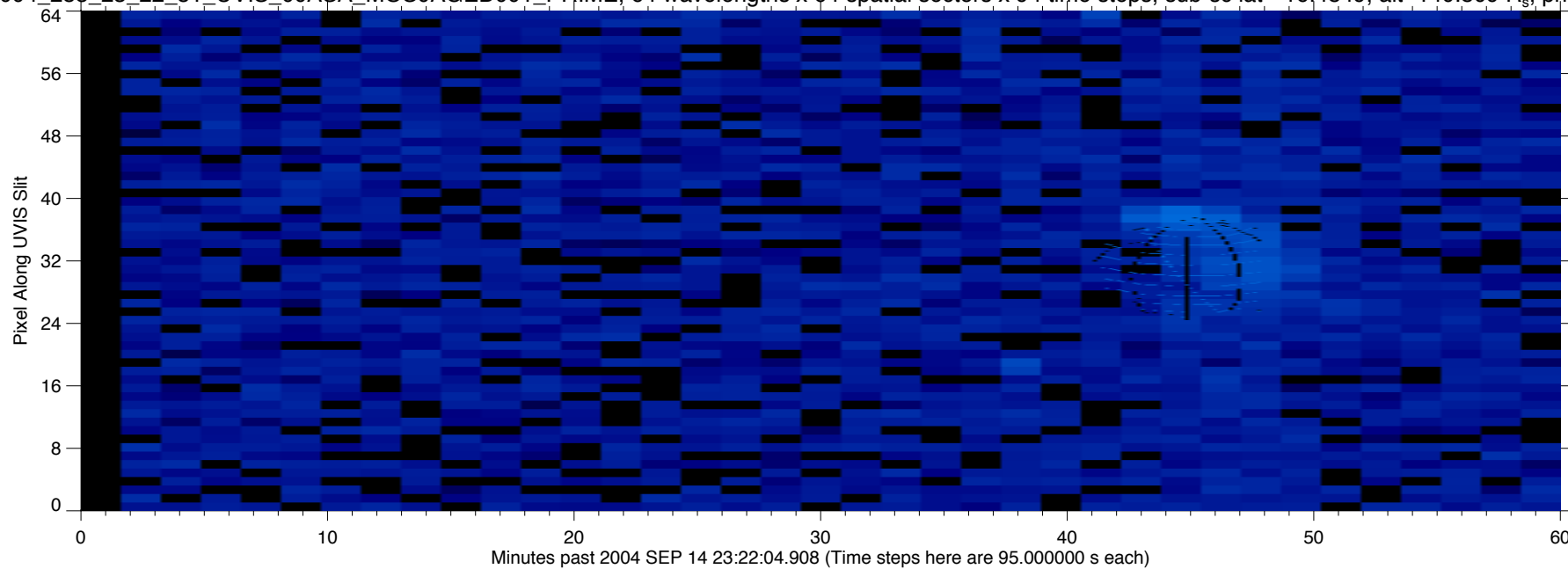
FUV2004_258_22_02_07_UVIS_00ASA_MOS0AGED001_PRIME, 64 wavelengths x 64 spatial sectors x 16 time steps, sub-sc lat=-16.4873, alt=140.864 R_s, phase=81.3899



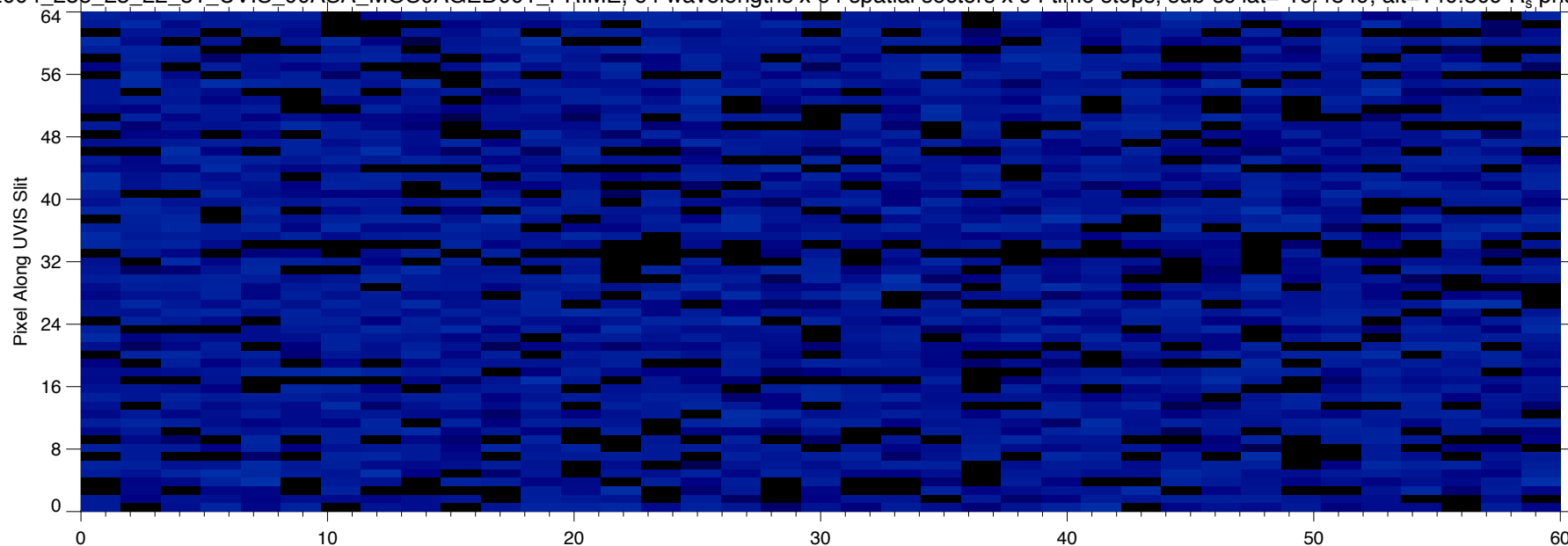
FUV2004_258_23_22_51_UVIS_00ASA_MOS0AGED001_PRIME, 64 wavelengths x 64 spatial sectors x 94 time steps, sub-sc lat=-16.4849, alt=140.809 R_s, phase=81.3721



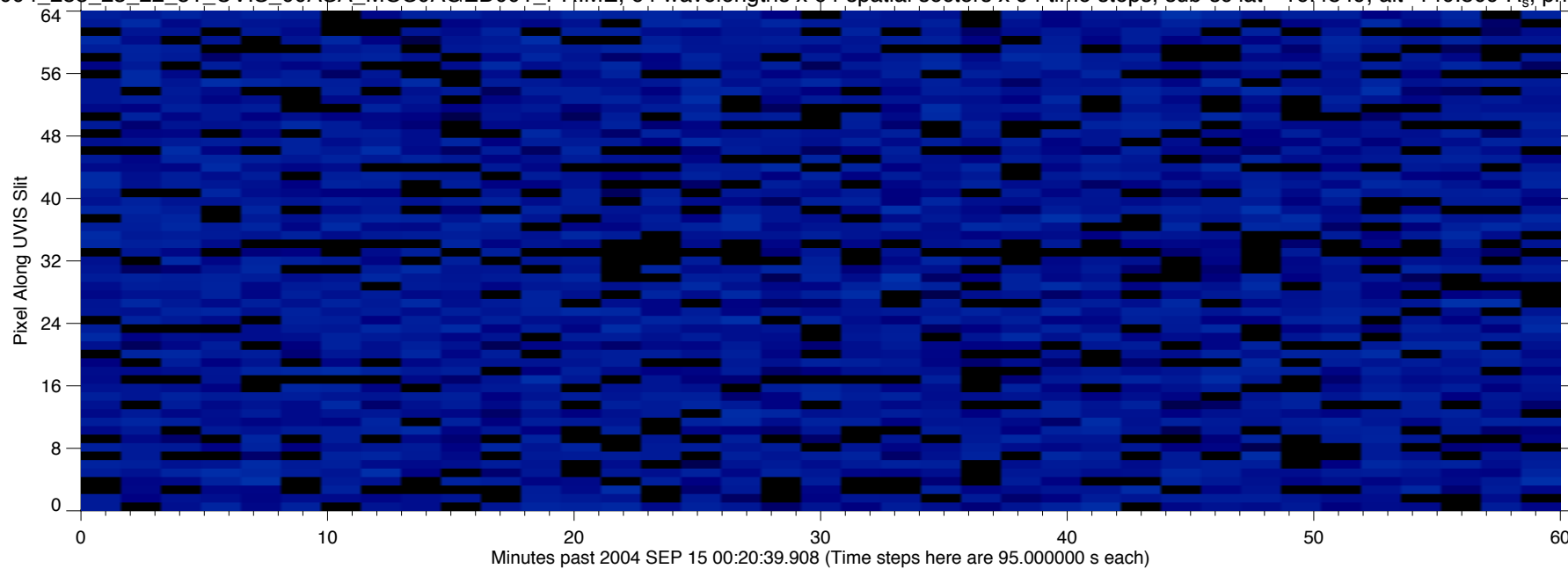
FUV2004_258_23_22_51_UVIS_00ASA_MOS0AGED001_PRIME, 64 wavelengths x 64 spatial sectors x 94 time steps, sub-sc lat=-16.4849, alt=140.809 R_s, phase=81.3721



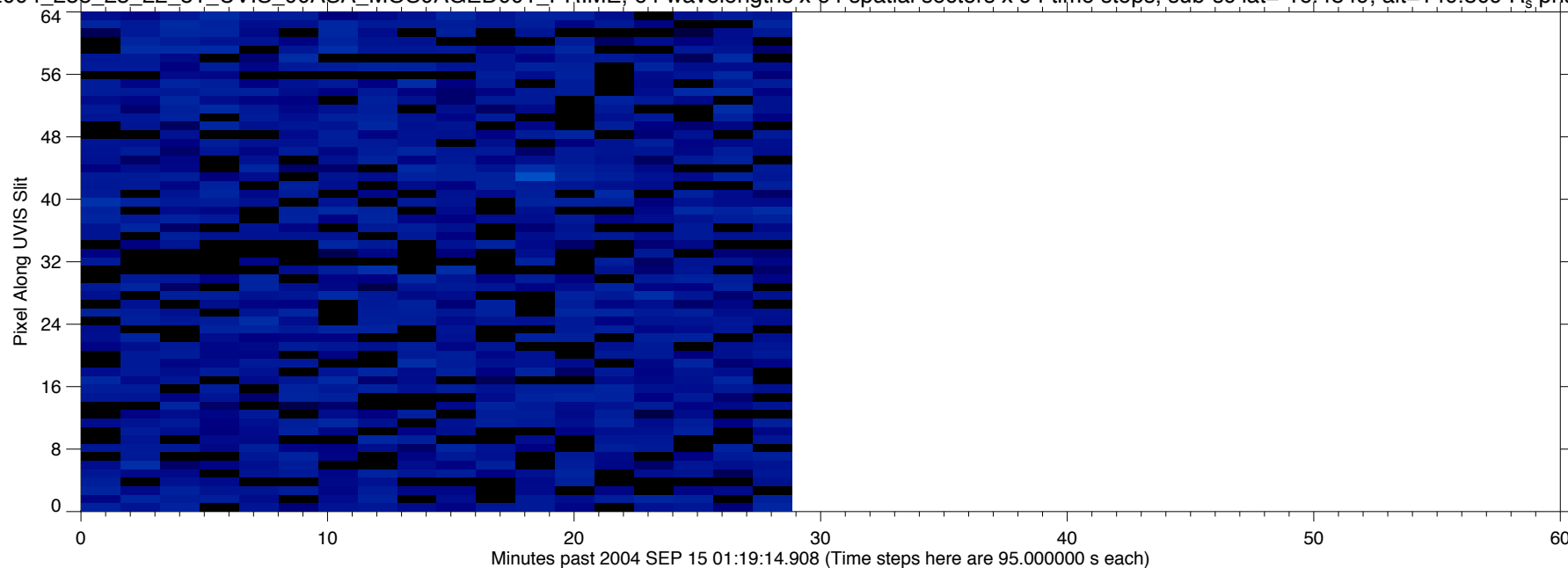
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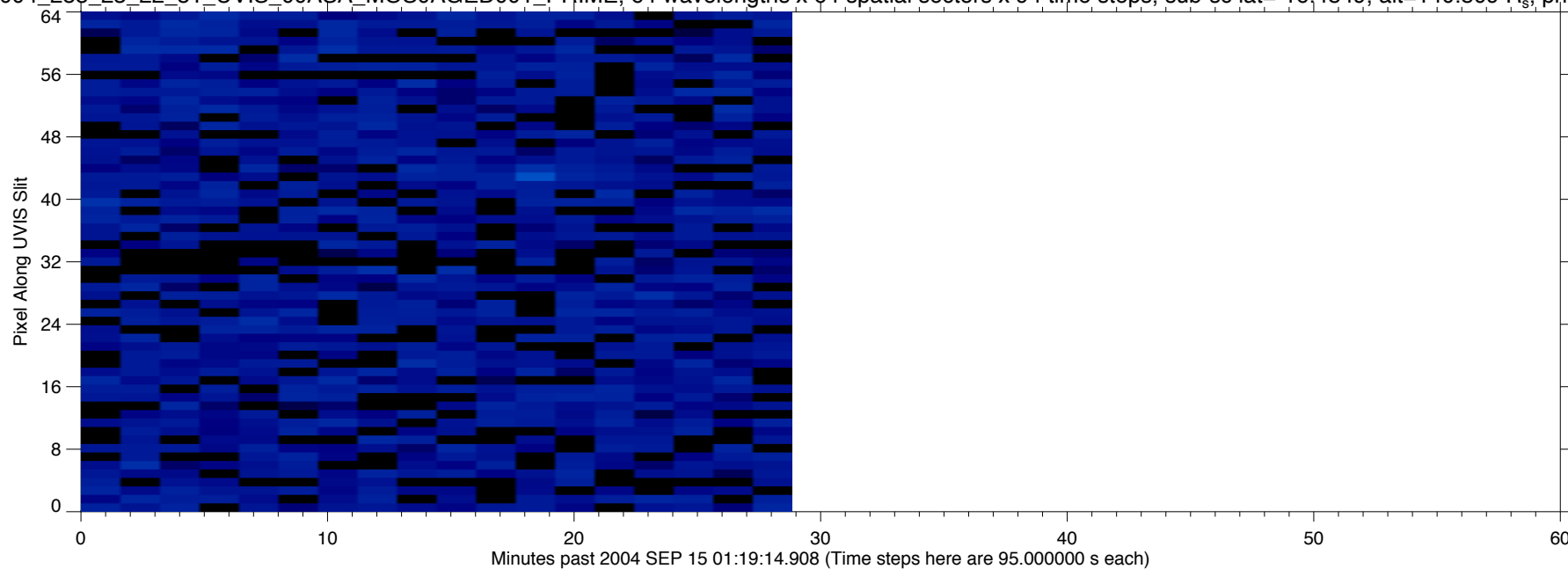
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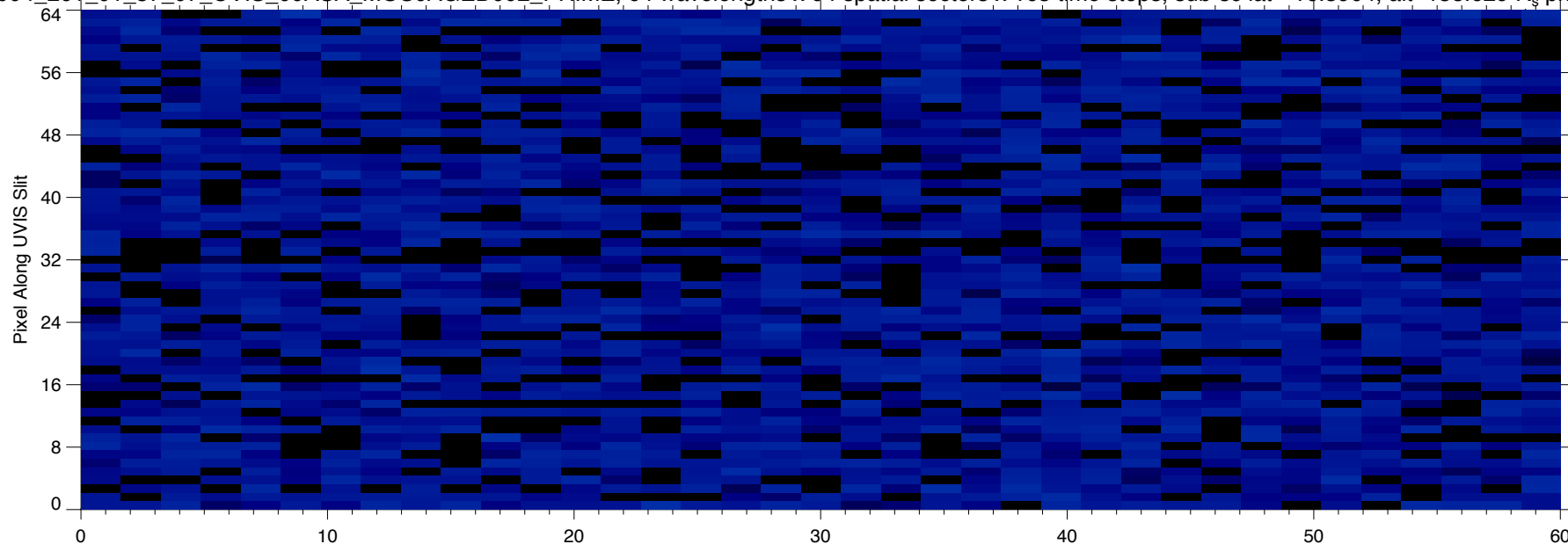
FUV2004_258_23_22_51_UVIS_00ASA_MOS0AGED001_PRIME, 64 wavelengths x 64 spatial sectors x 94 time steps, sub-sc lat=-16.4849, alt=140.809 R_s, phase=81.3721



FUV2004_258_23_22_51_UVIS_00ASA_MOS0AGED001_PRIME, 64 wavelengths x 64 spatial sectors x 94 time steps, sub-sc lat=-16.4849, alt=140.809 R_s, phase=81.3721

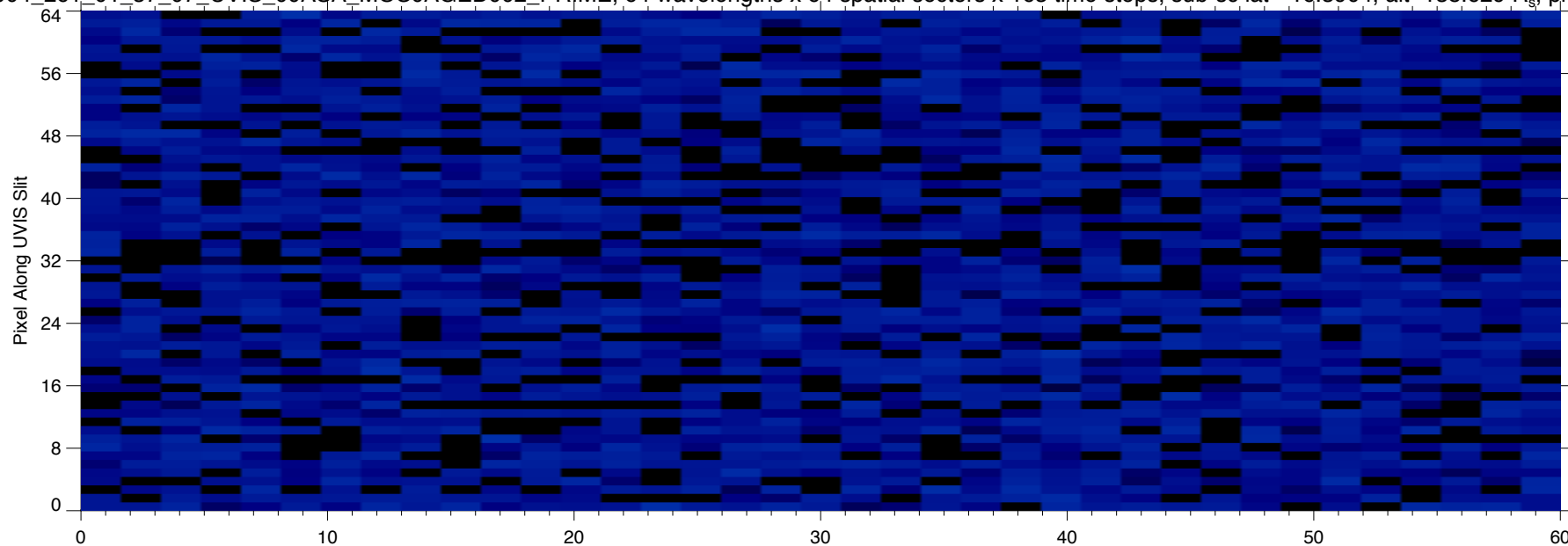


FUV2004_261_01_37_07_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-16.3904, alt=138.629 R_s phase=80.6946



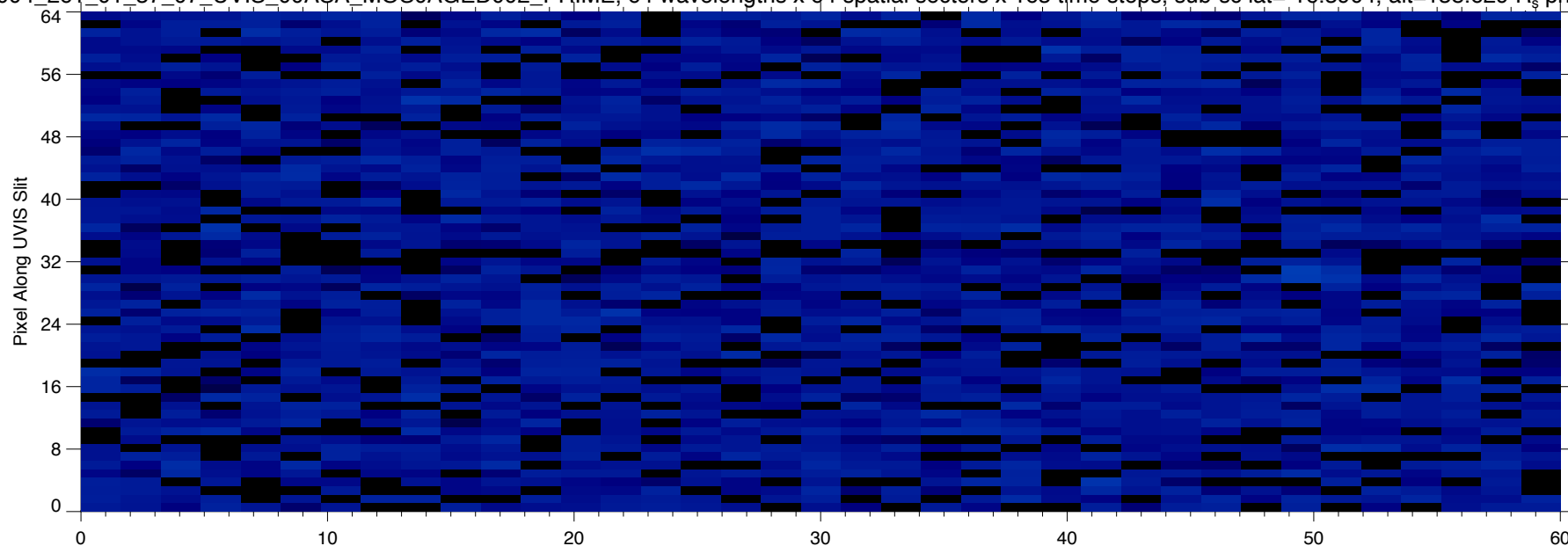
Minutes past 2004 SEP 17 01:36:19.859 (Time steps here are 95.000000 s each)

FUV2004_261_01_37_07_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-16.3904, alt=138.629 R_s phase=80.6946

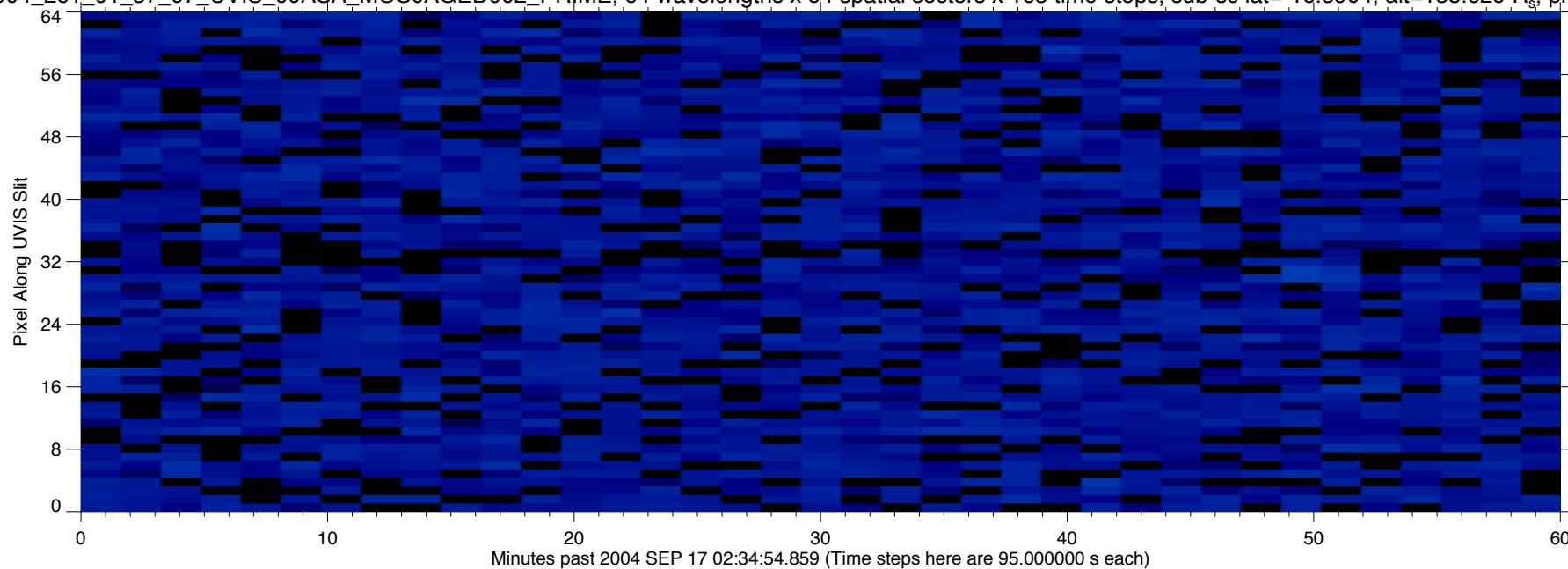


Minutes past 2004 SEP 17 01:36:19.859 (Time steps here are 95.000000 s each)

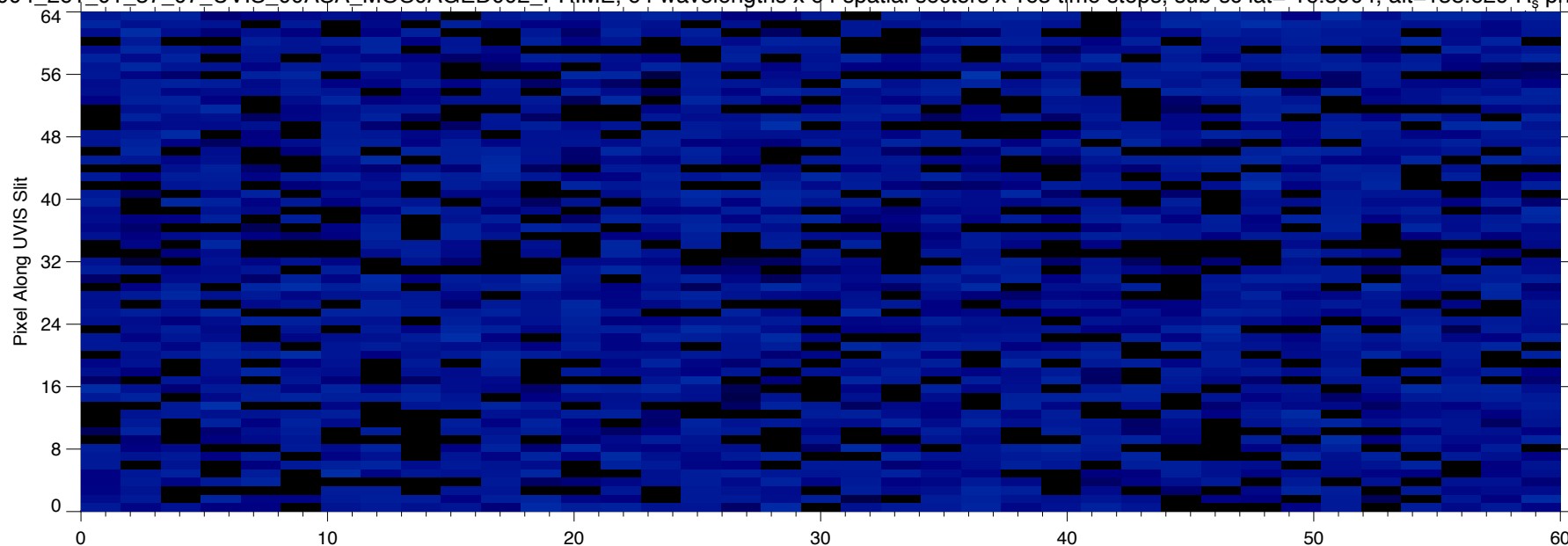
FUV2004_261_01_37_07_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-16.3904, alt=138.629 R_s phase=80.6946



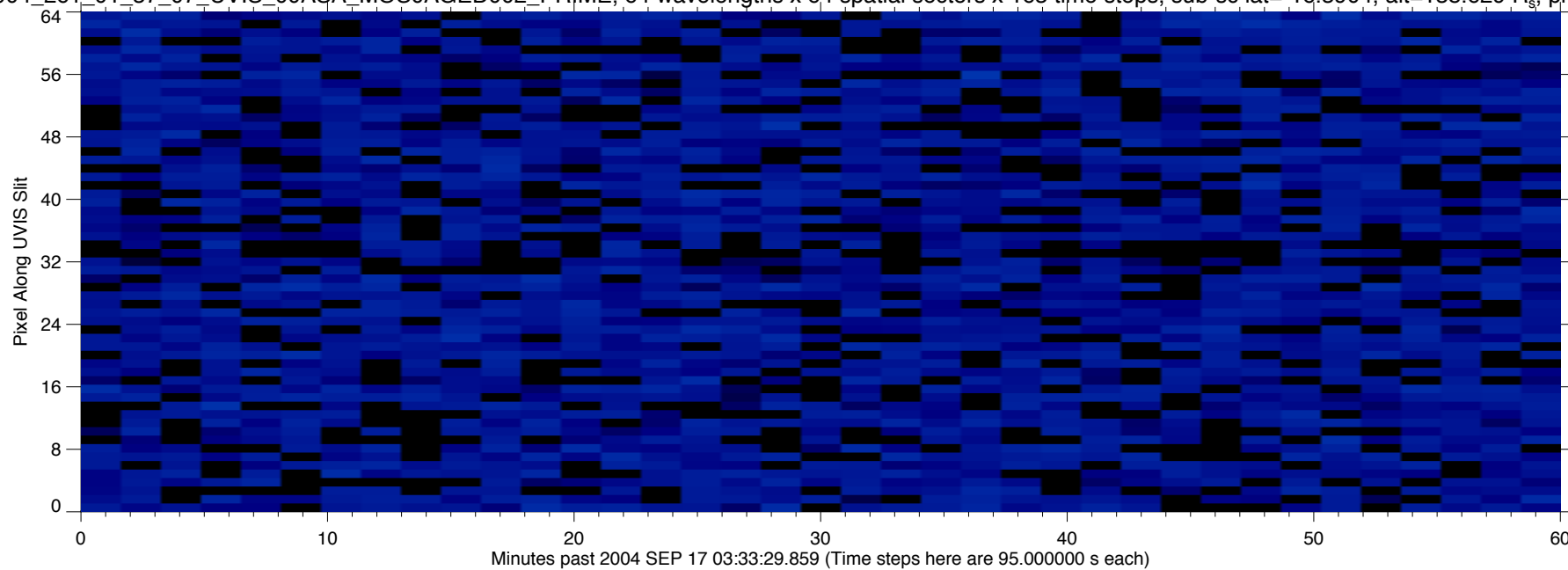
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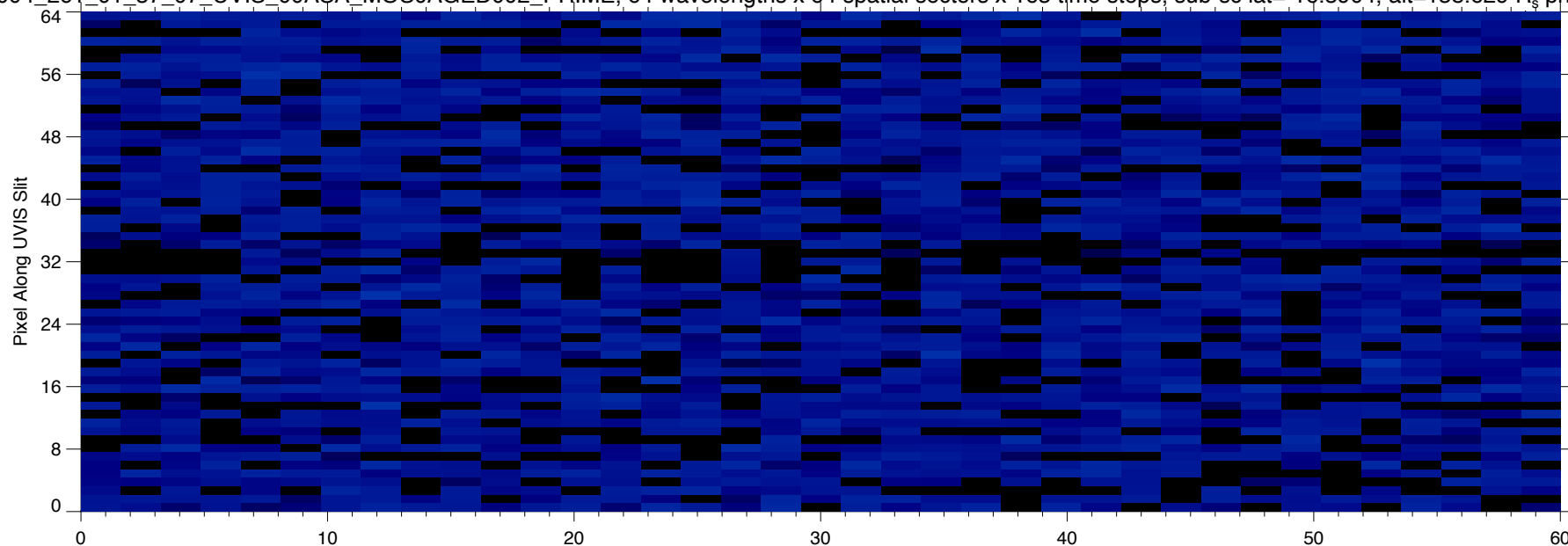
FUV2004_261_01_37_07_UVIS_00A_{SA}_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-16.3904, alt=138.629 R_s, phase=80.6946



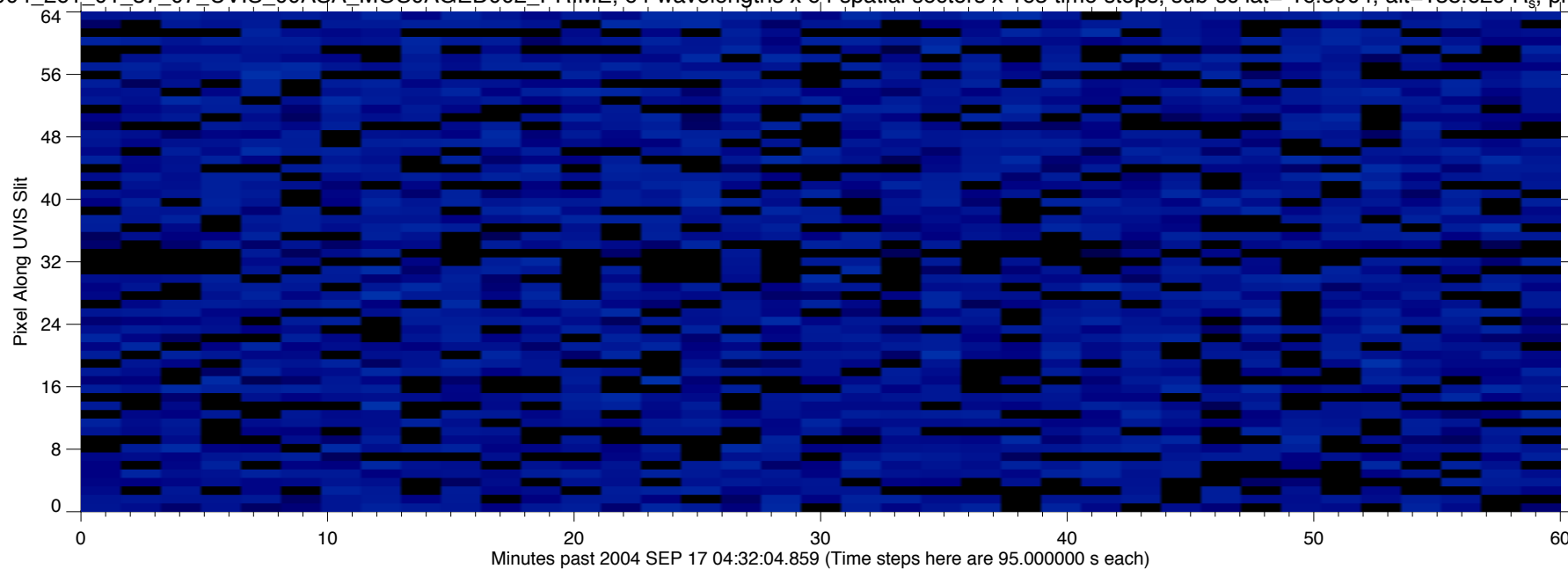
FUV2004_261_01_37_07_UVIS_00A_{SA}_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-16.3904, alt=138.629 R_s, phase=80.6946



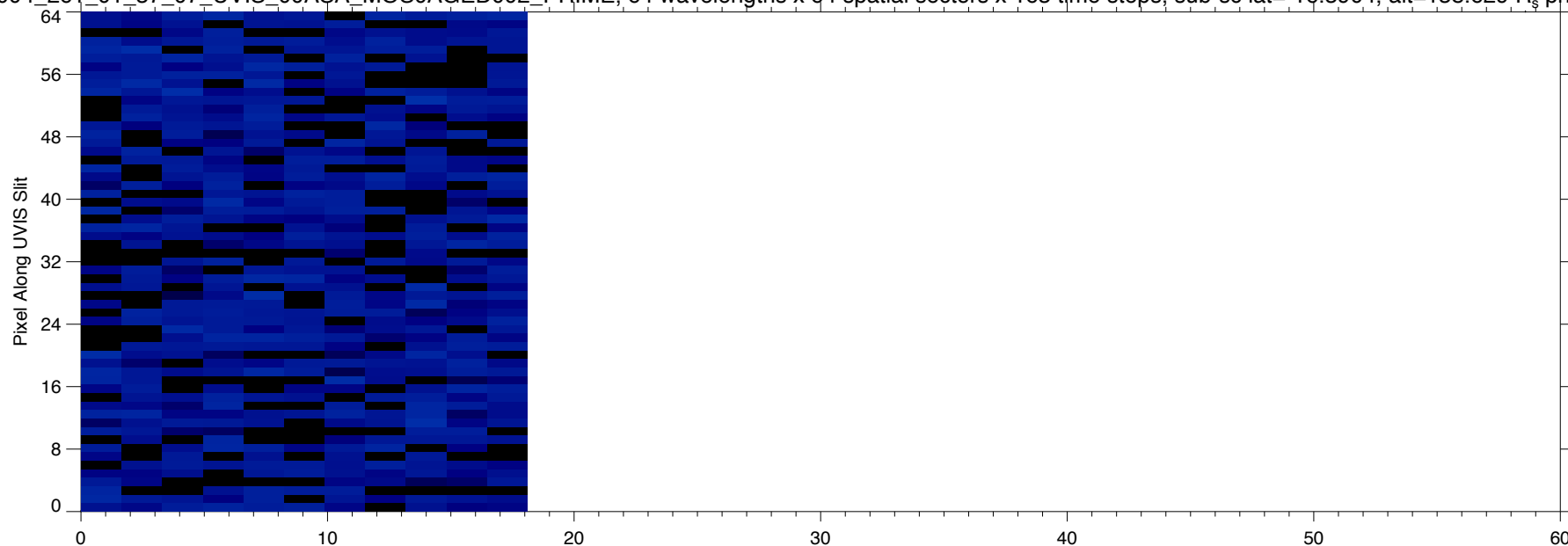
FUV2004_261_01_37_07_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-16.3904, alt=138.629 R_s phase=80.6946



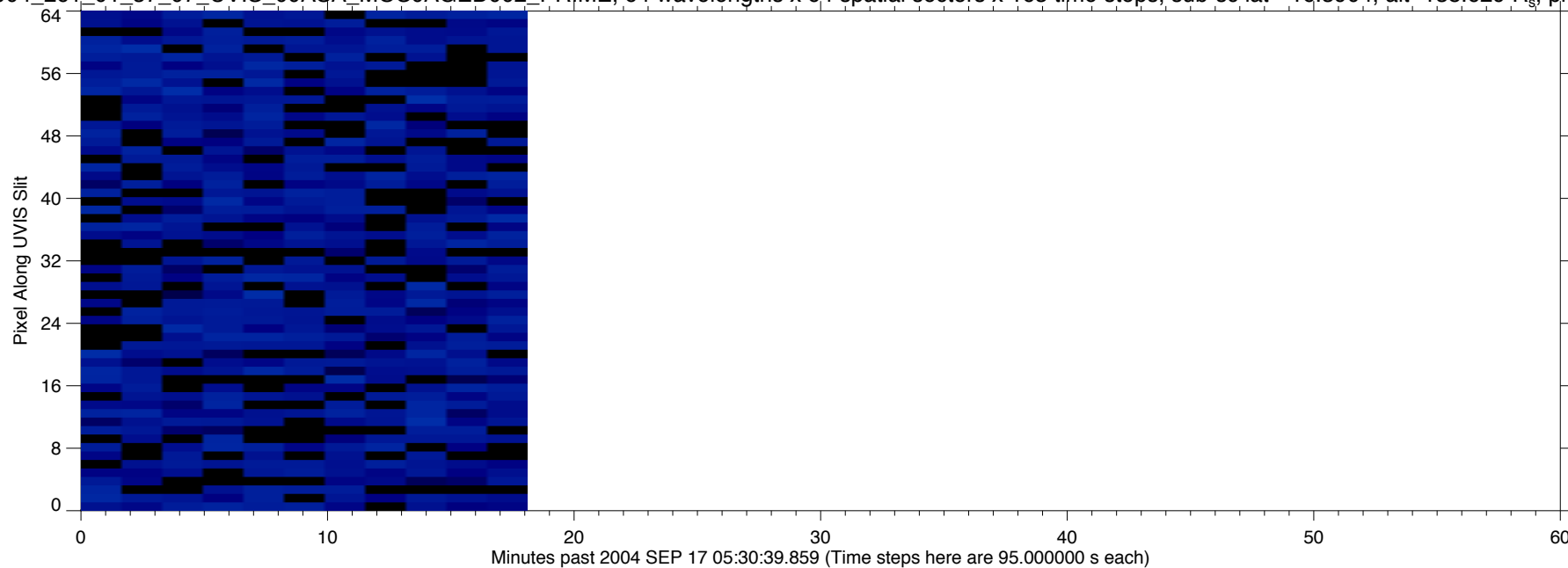
FUV2004_261_01_37_07_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-16.3904, alt=138.629 R_s phase=80.6946



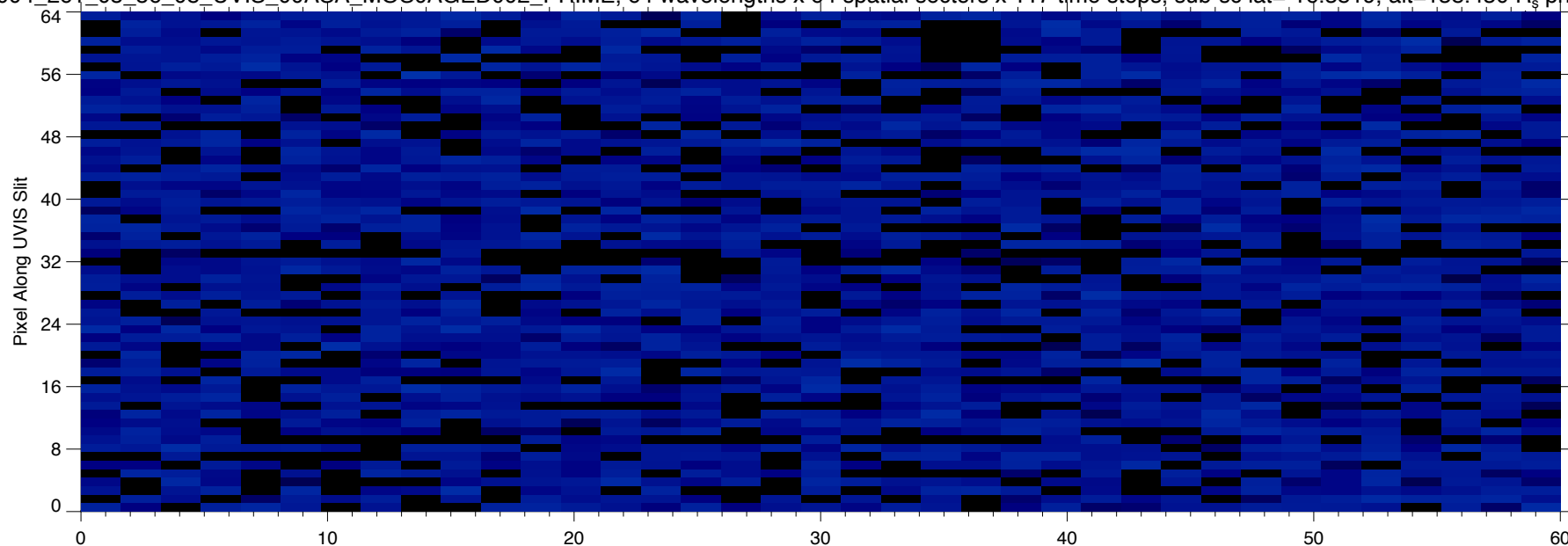
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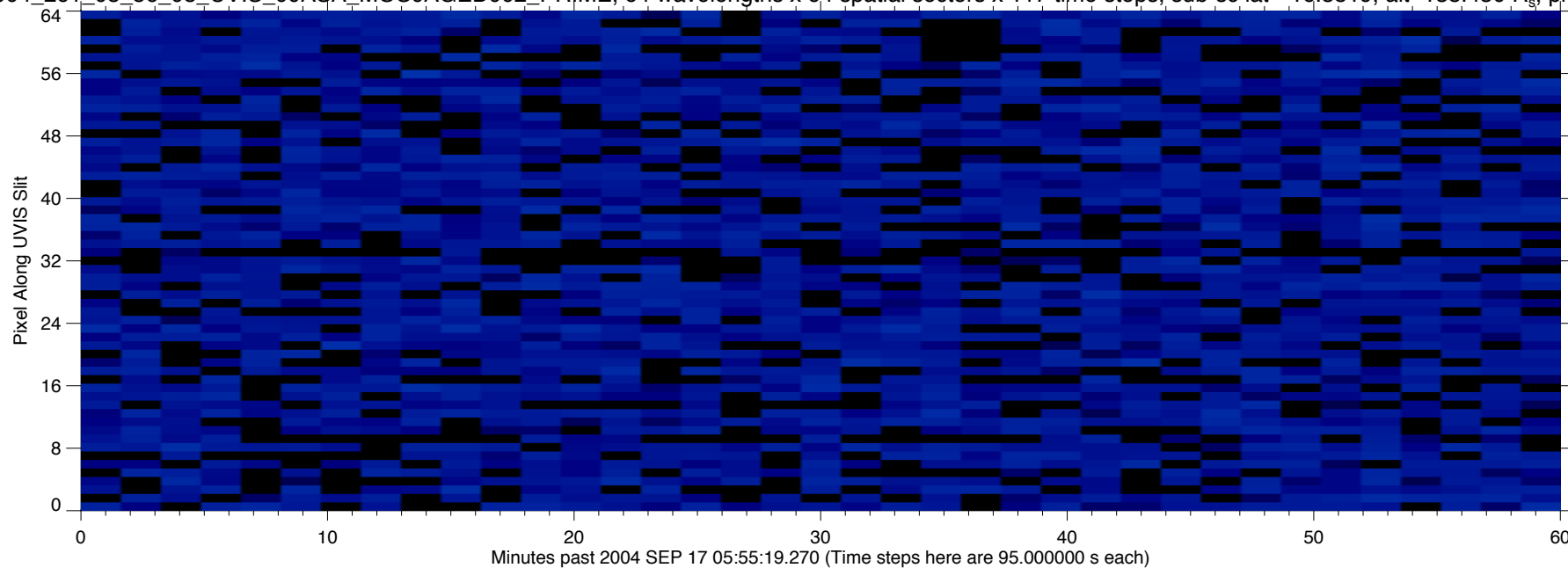
FUV2004_261_01_37_07_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-16.3904, alt=138.629 R_s phase=80.6946



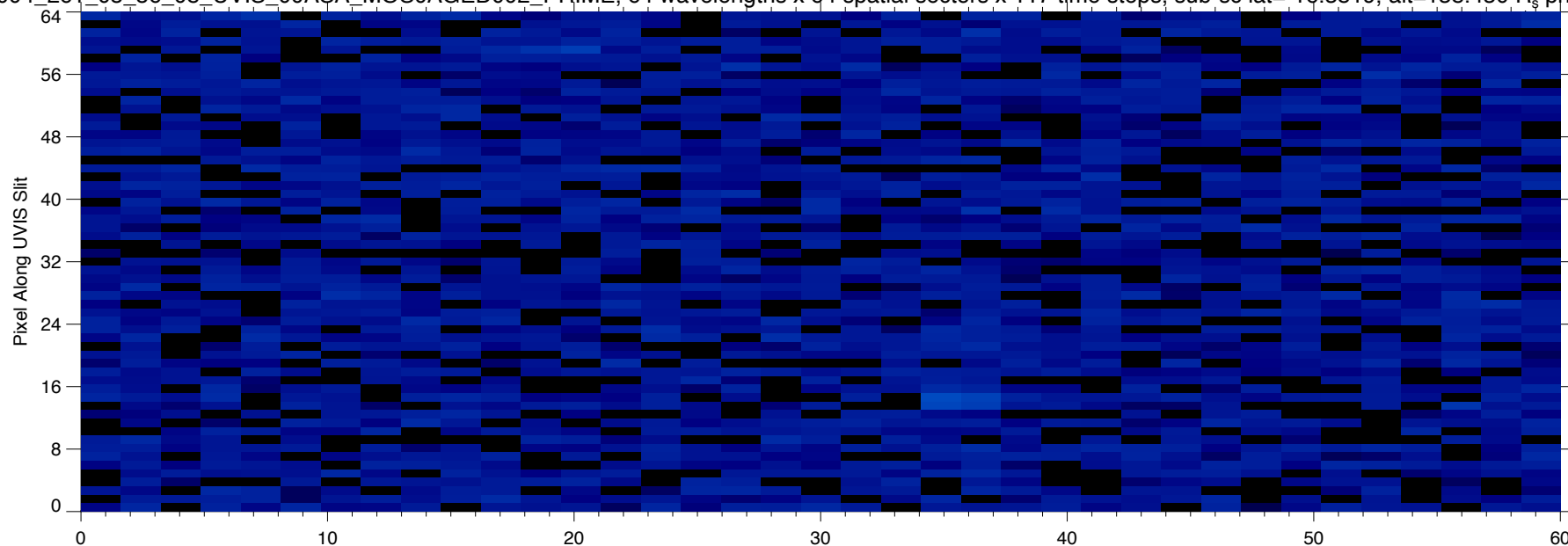
FUV2004_261_05_56_08_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 117 time steps, sub-sc lat=-16.3819, alt=138.430 R_s, phase=80.6352



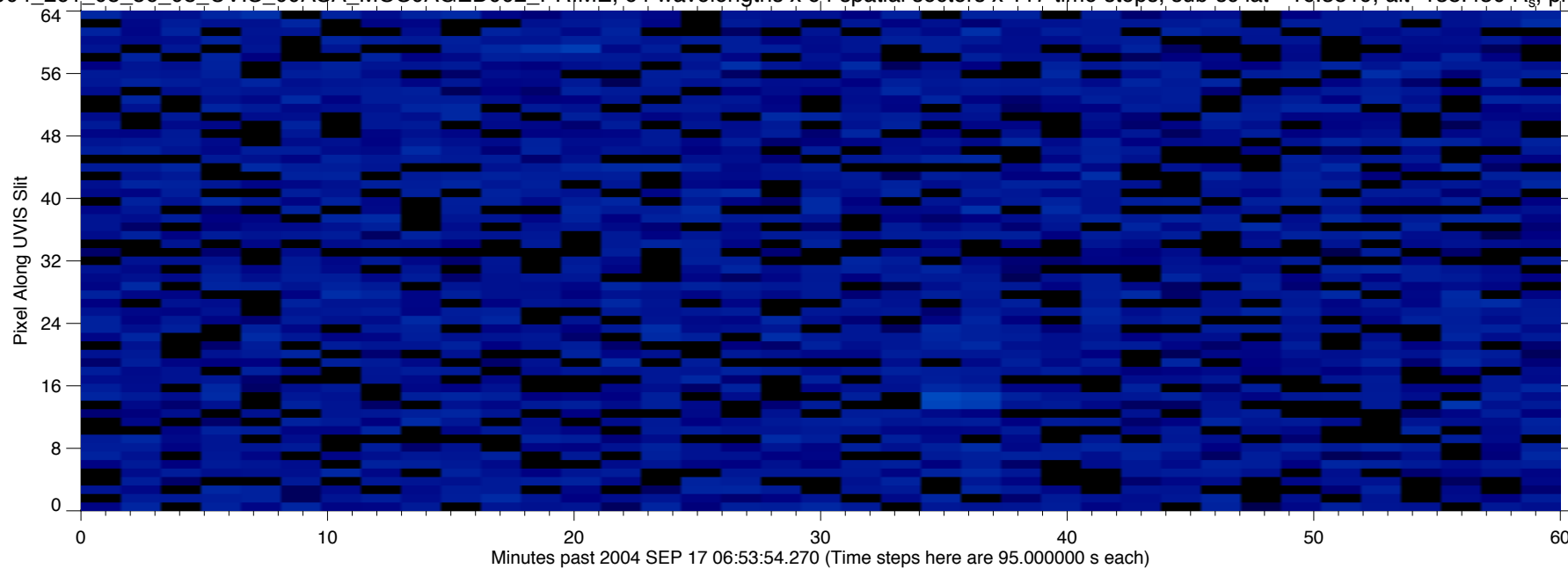
FUV2004_261_05_56_08_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 117 time steps, sub-sc lat=-16.3819, alt=138.430 R_s, phase=80.6352



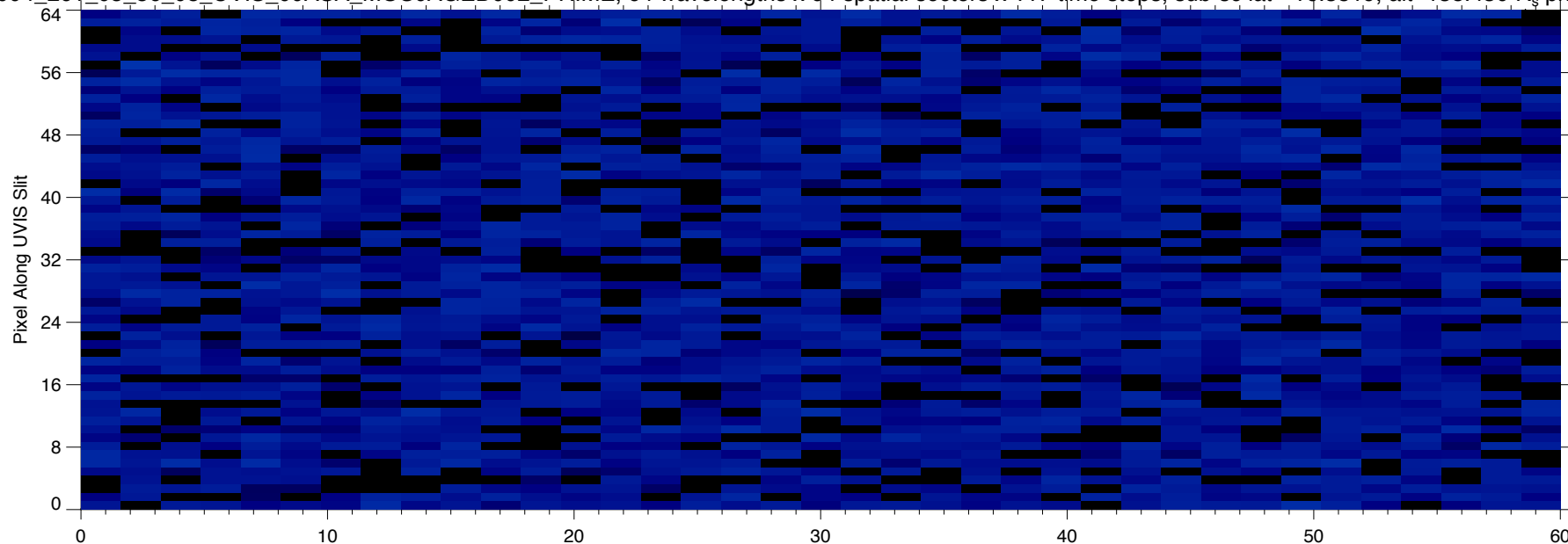
FUV2004_261_05_56_08_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 117 time steps, sub-sc lat=-16.3819, alt=138.430 R_s phase=80.6352



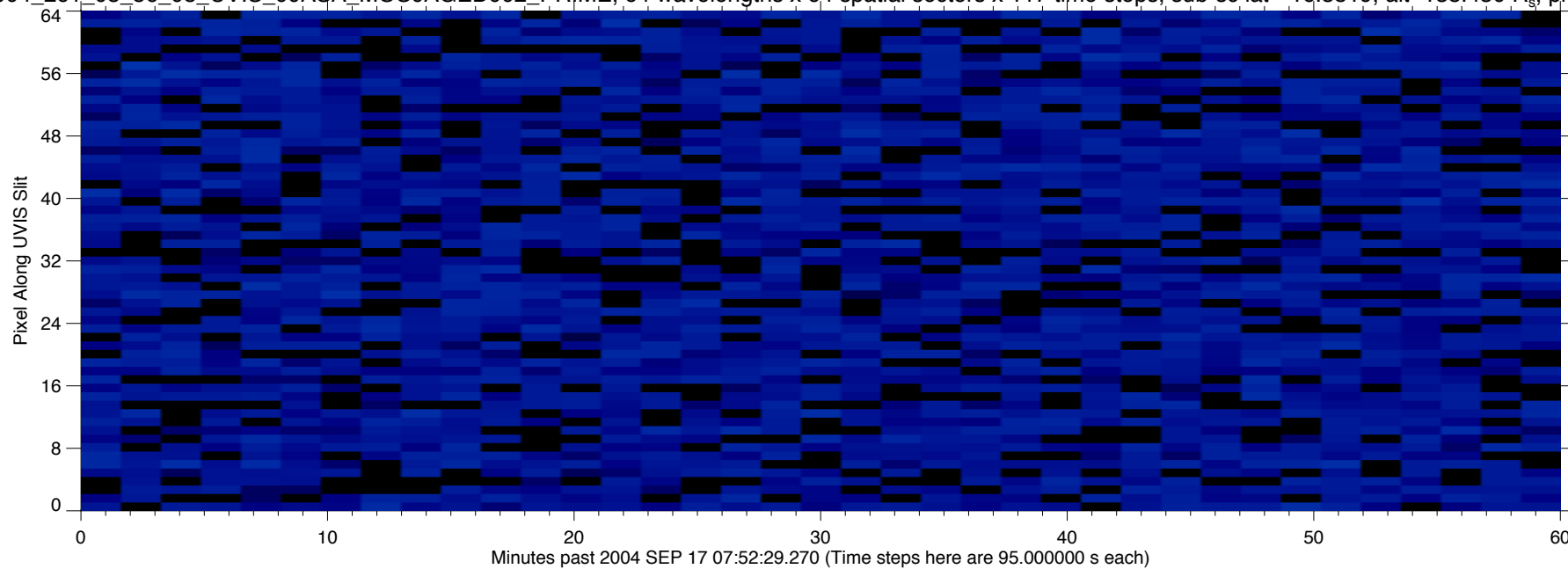
FUV2004_261_05_56_08_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 117 time steps, sub-sc lat=-16.3819, alt=138.430 R_s phase=80.6352



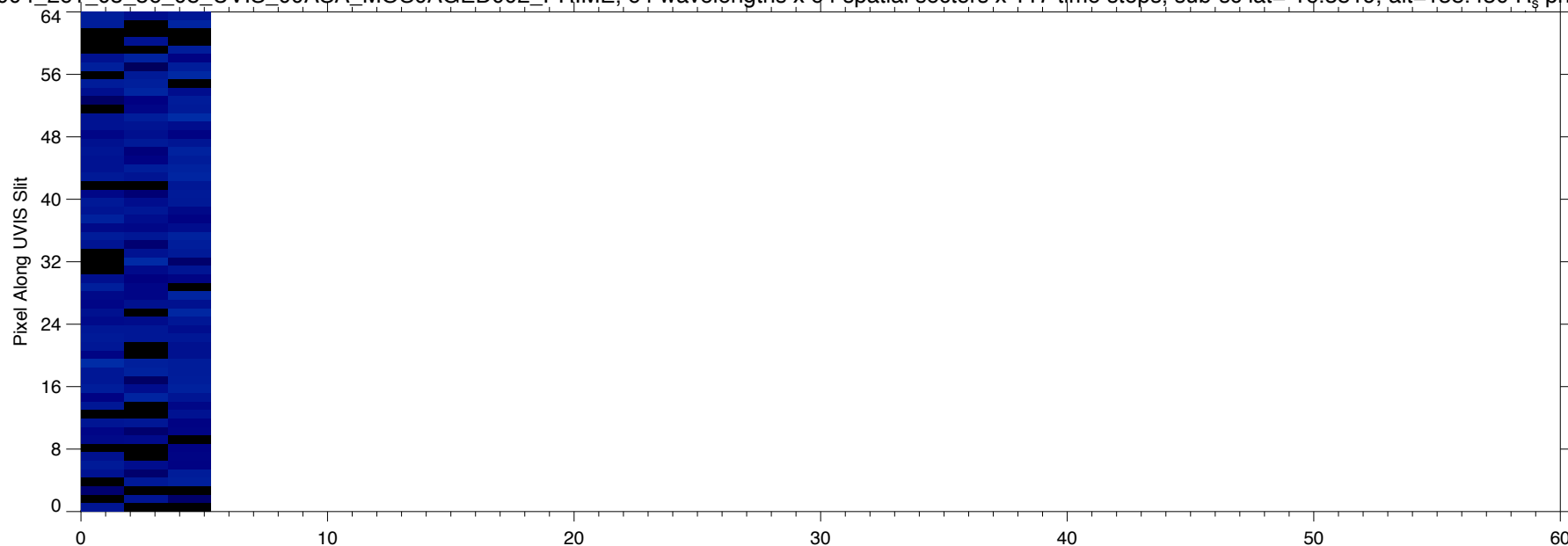
FUV2004_261_05_56_08_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 117 time steps, sub-sc lat=-16.3819, alt=138.430 R_s phase=80.6352



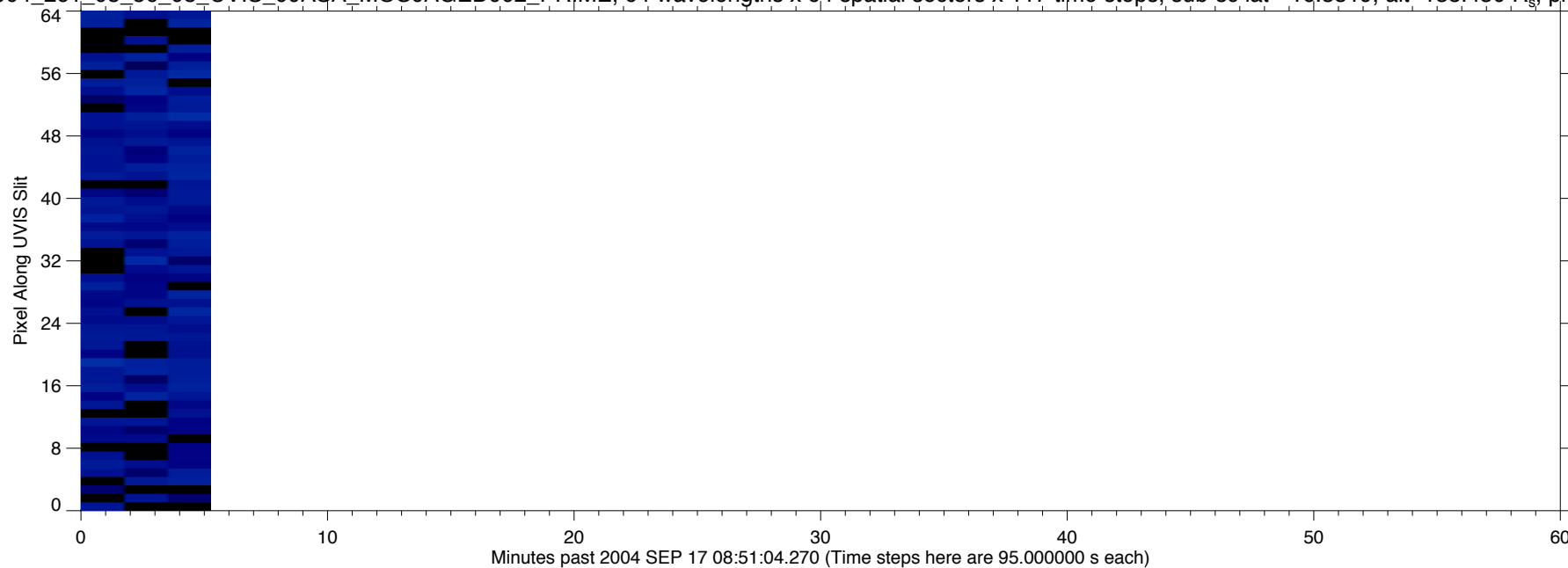
FUV2004_261_05_56_08_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 117 time steps, sub-sc lat=-16.3819, alt=138.430 R_s phase=80.6352



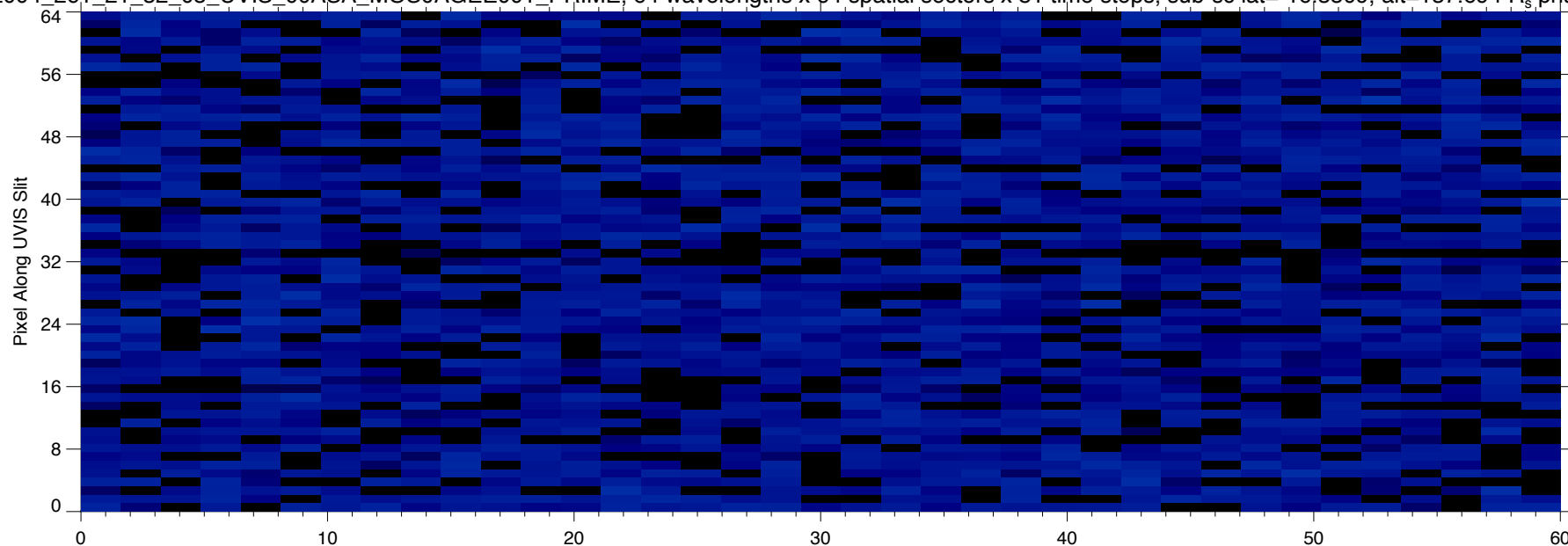
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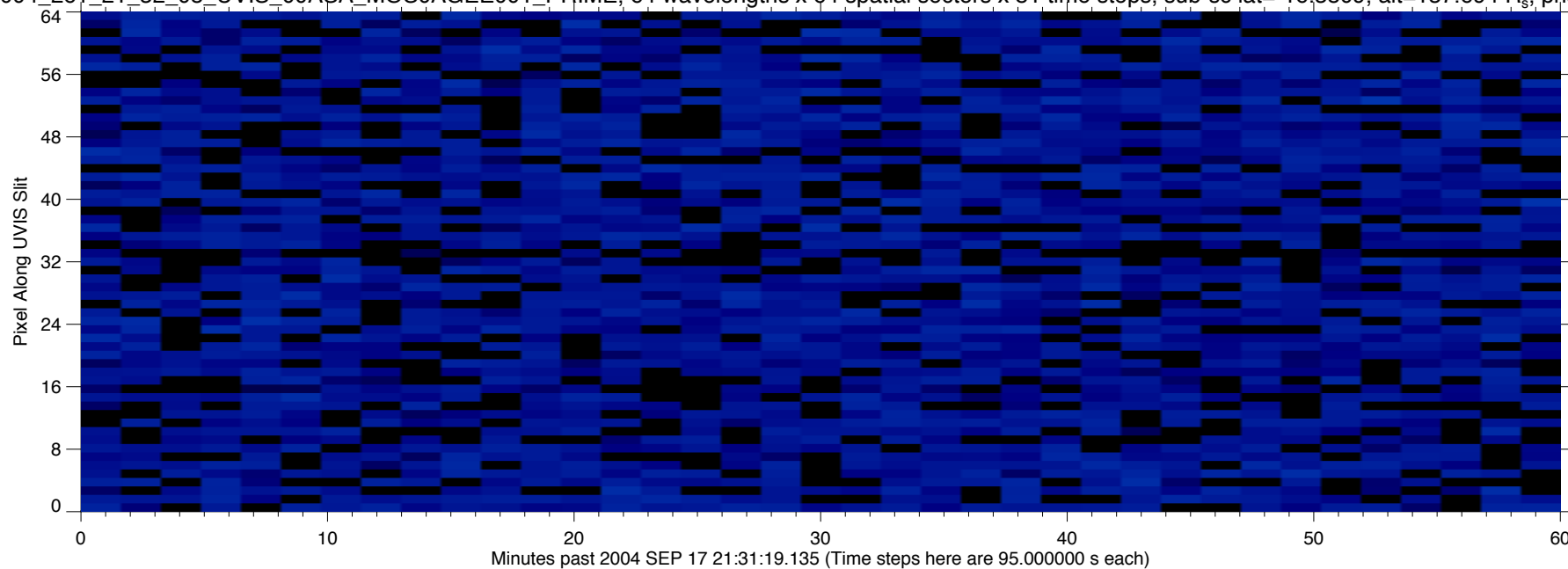
FUV2004_261_05_56_08_UVIS_00ASA_MOS0AGED002_PRIME, 64 wavelengths x 64 spatial sectors x 117 time steps, sub-sc lat=-16.3819, alt=138.430 R_s phase=80.6352



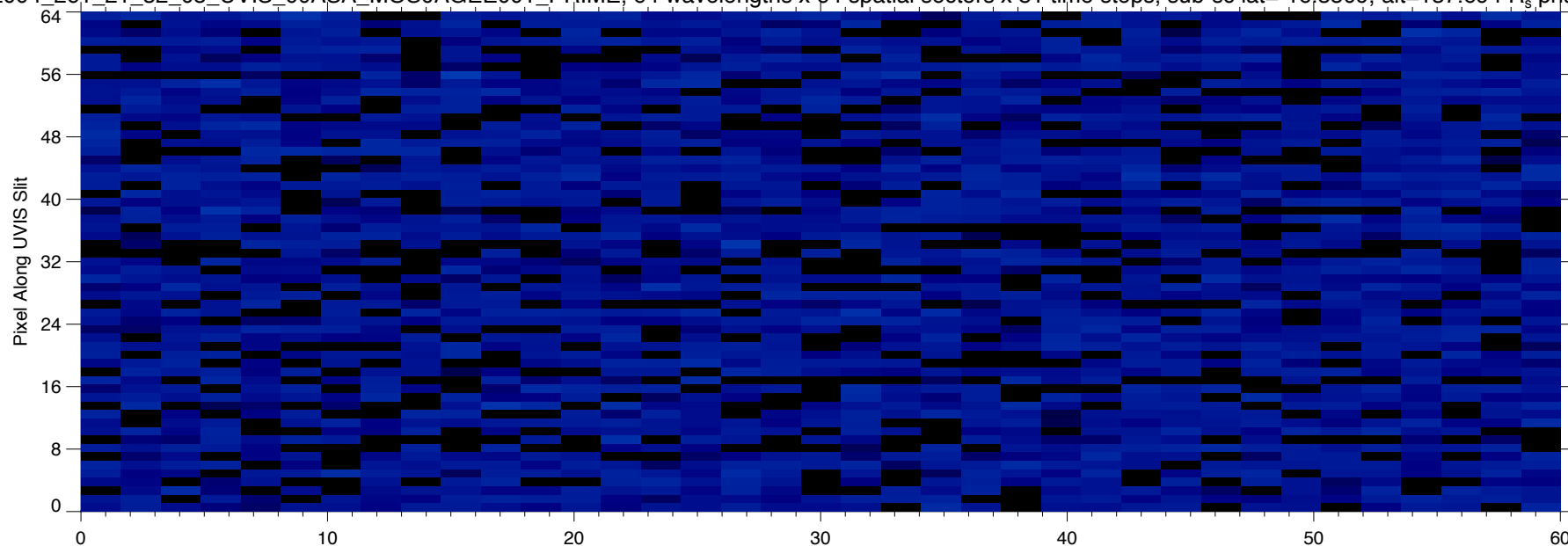
FUV2004_261_21_32_05_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-16.3509, alt=137.694 R_s, phase=80.4190



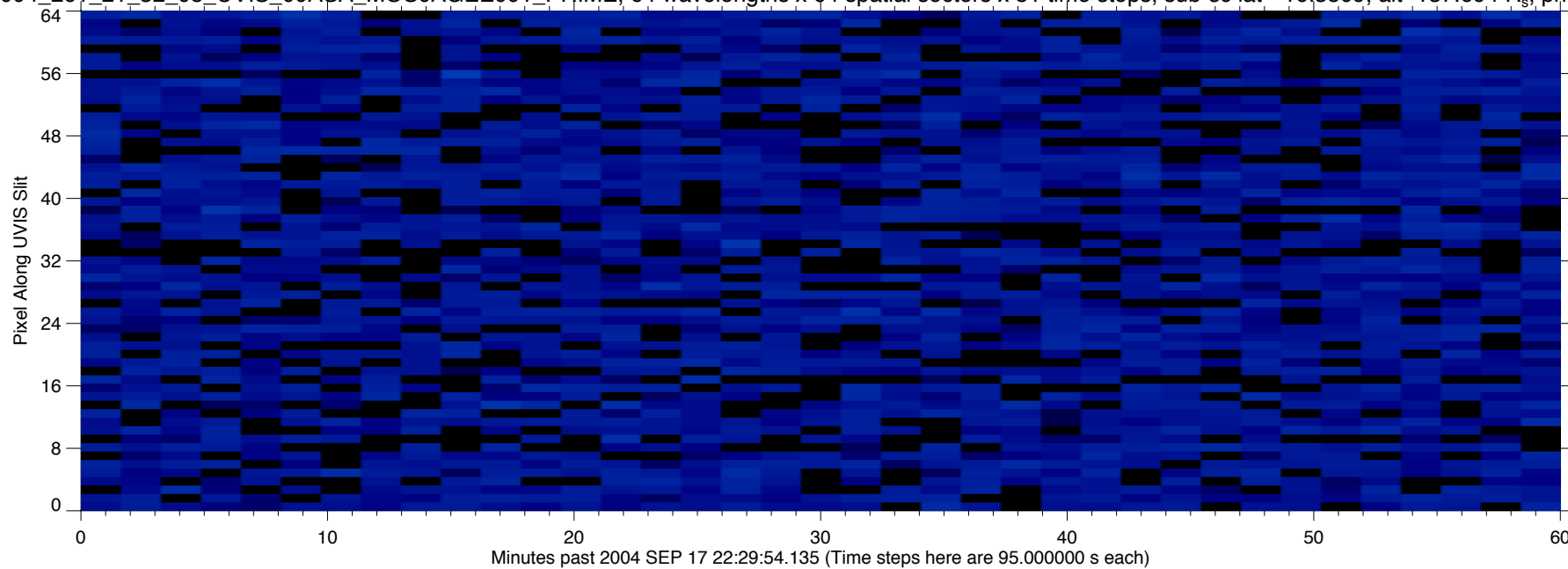
FUV2004_261_21_32_05_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-16.3509, alt=137.694 R_s, phase=80.4190



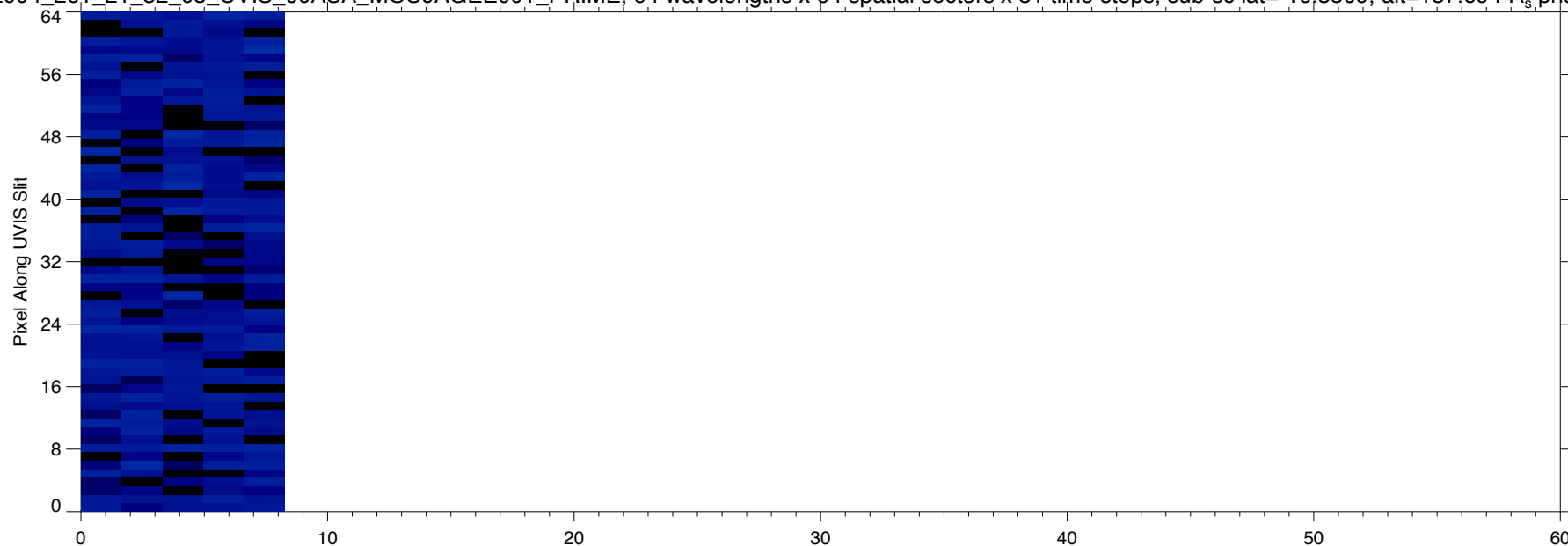
FUV2004_261_21_32_05_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-16.3509, alt=137.694 R_s, phase=80.4190



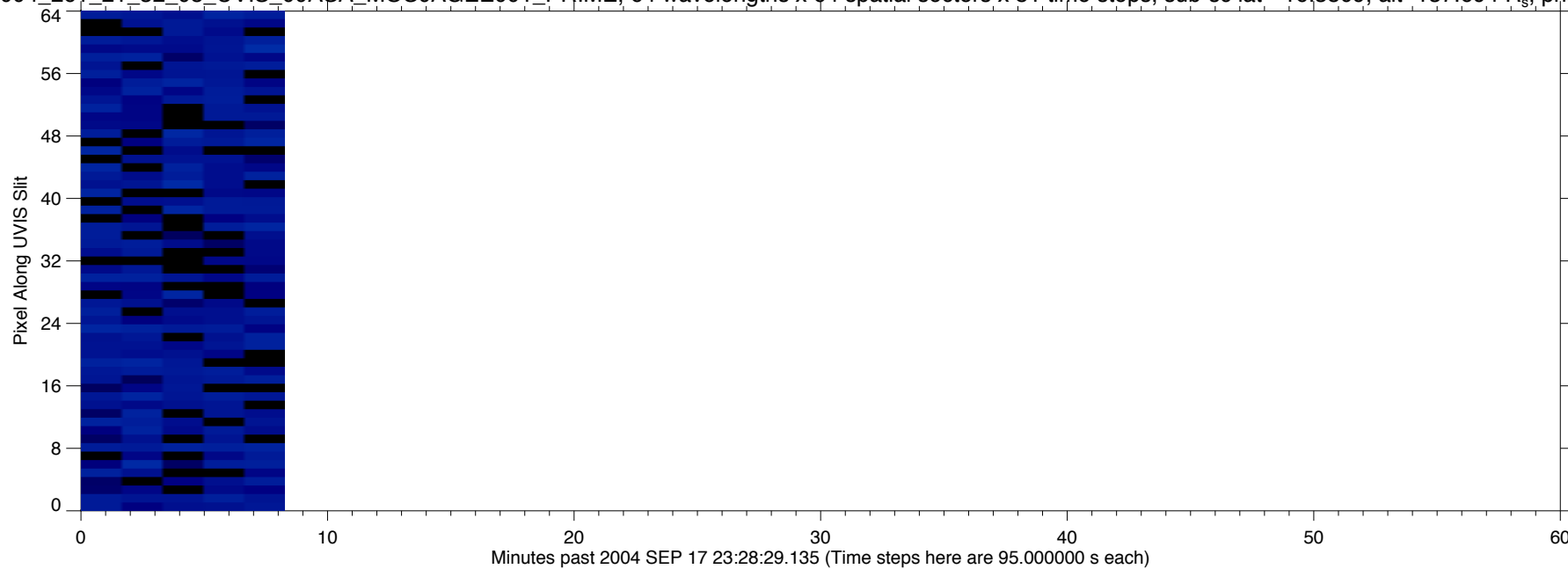
FUV2004_261_21_32_05_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-16.3509, alt=137.694 R_s, phase=80.4190



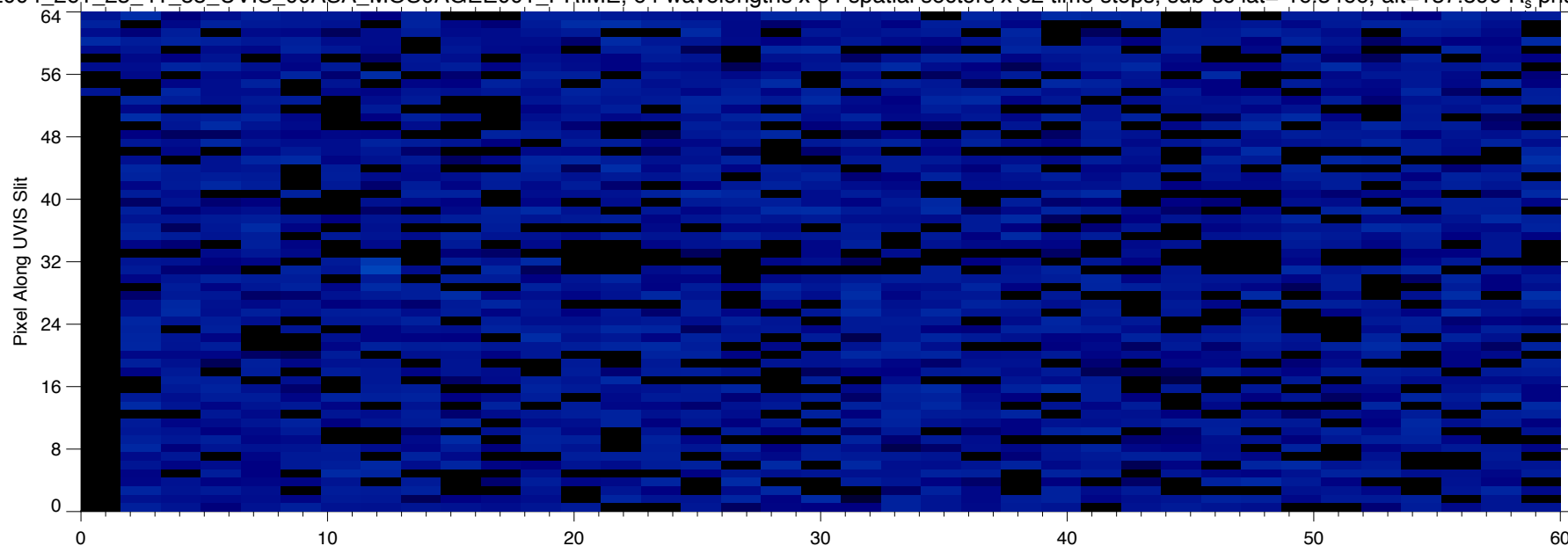
FUV2004_261_21_32_05_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-16.3509, alt=137.694 R_s, phase=80.4190



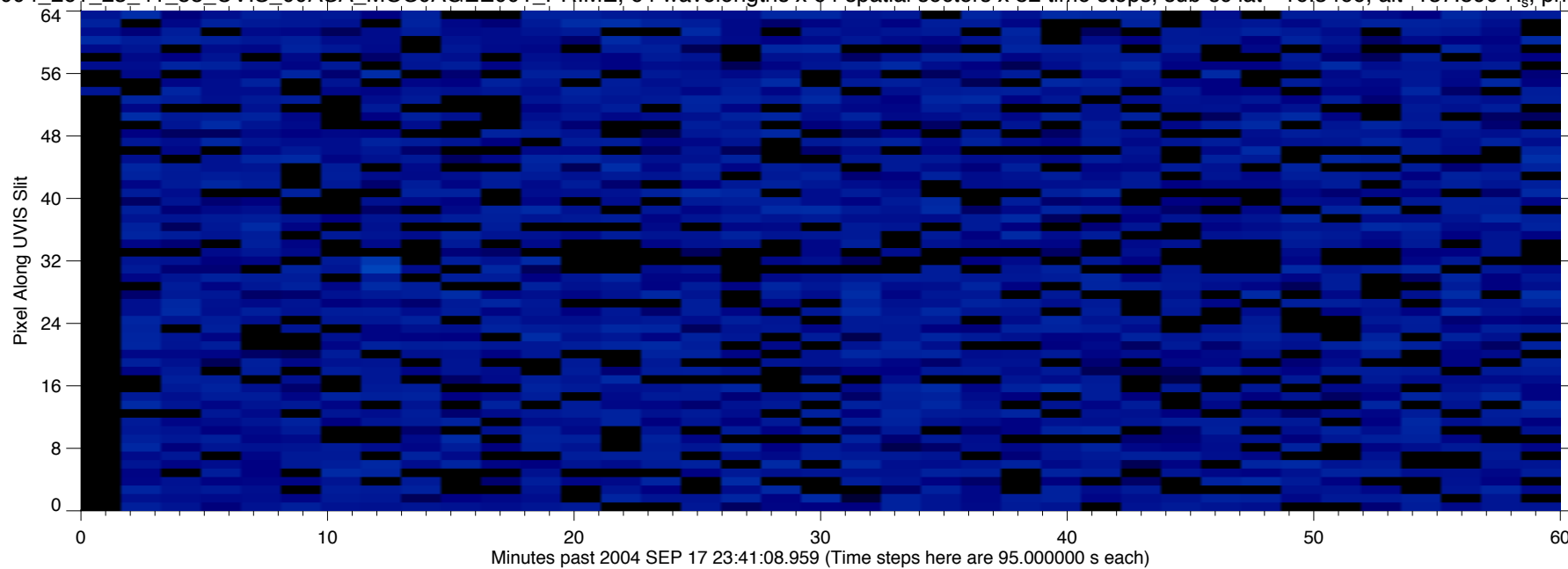
FUV2004_261_21_32_05_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-16.3509, alt=137.694 R_s, phase=80.4190



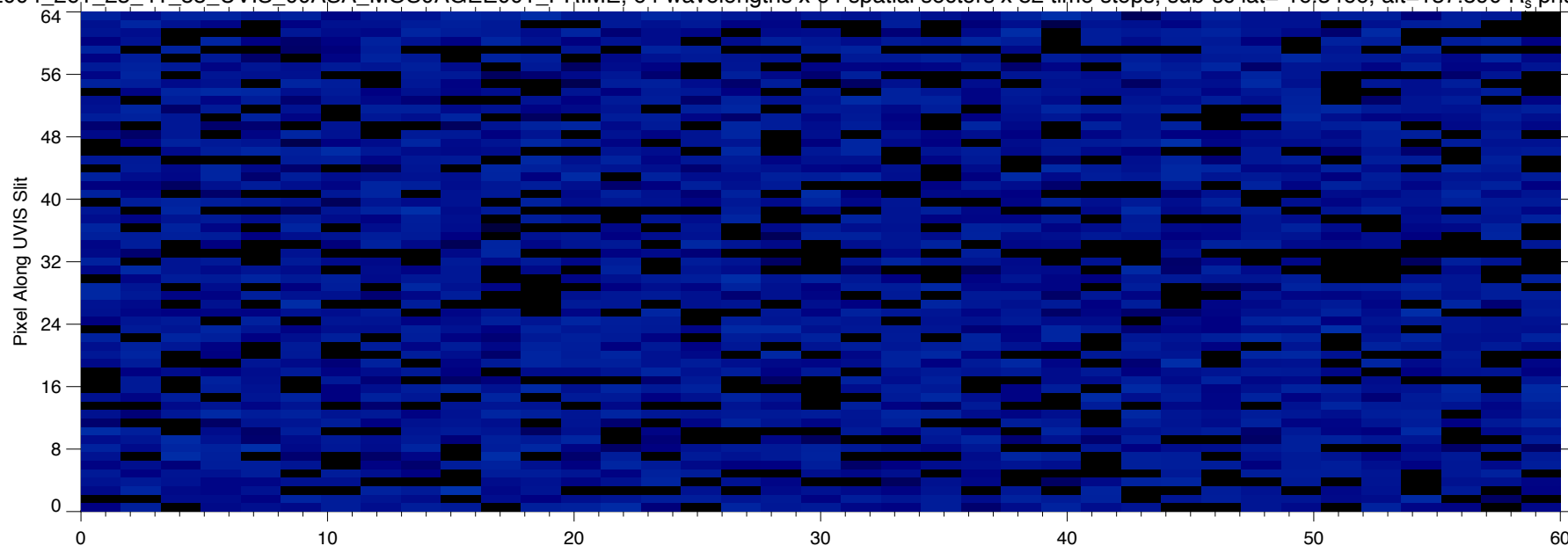
FUV2004_261_23_41_55_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 82 time steps, sub-sc lat=-16.3466, alt=137.590 R_s, phase=80.3888



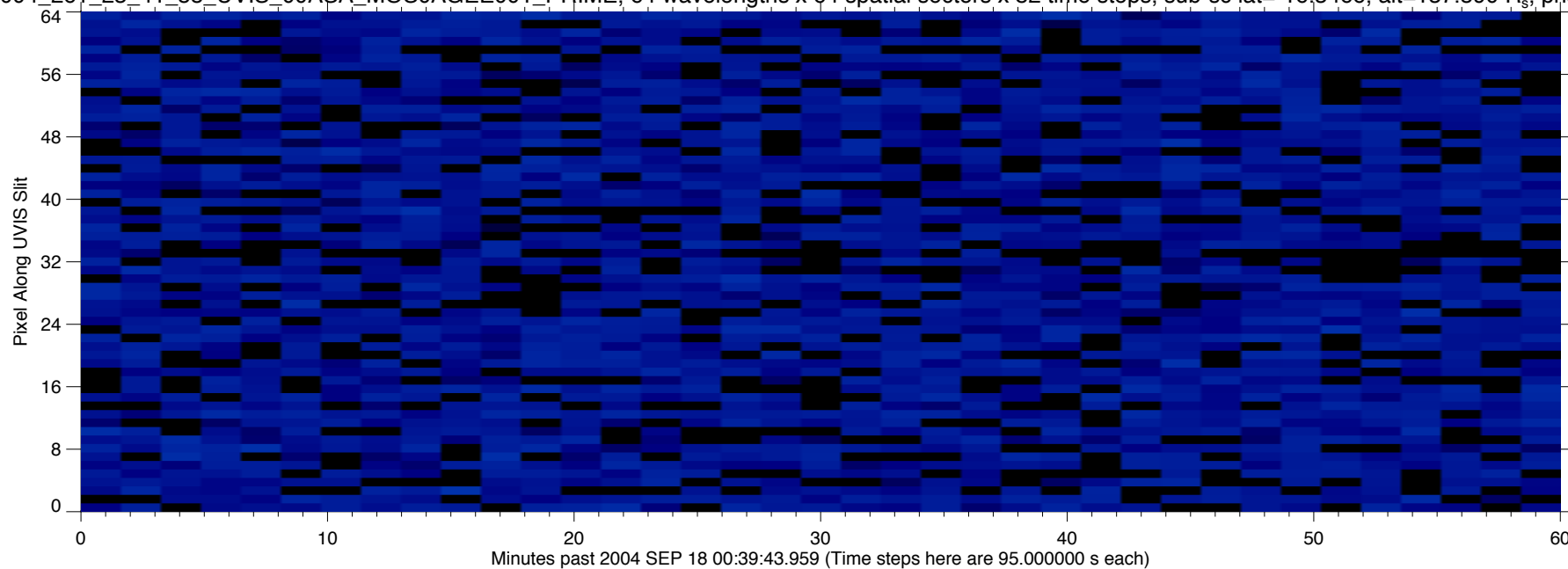
FUV2004_261_23_41_55_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 82 time steps, sub-sc lat=-16.3466, alt=137.590 R_s, phase=80.3888



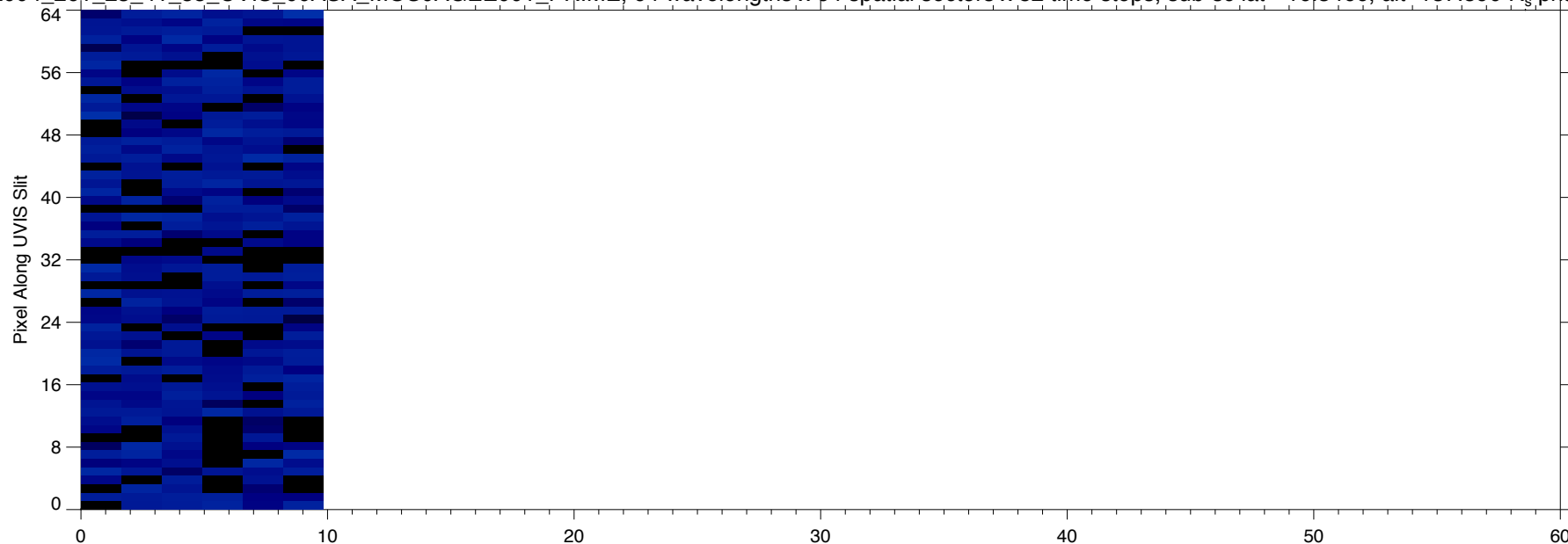
FUV2004_261_23_41_55_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 82 time steps, sub-sc lat=-16.3466, alt=137.590 R_s, phase=80.3888



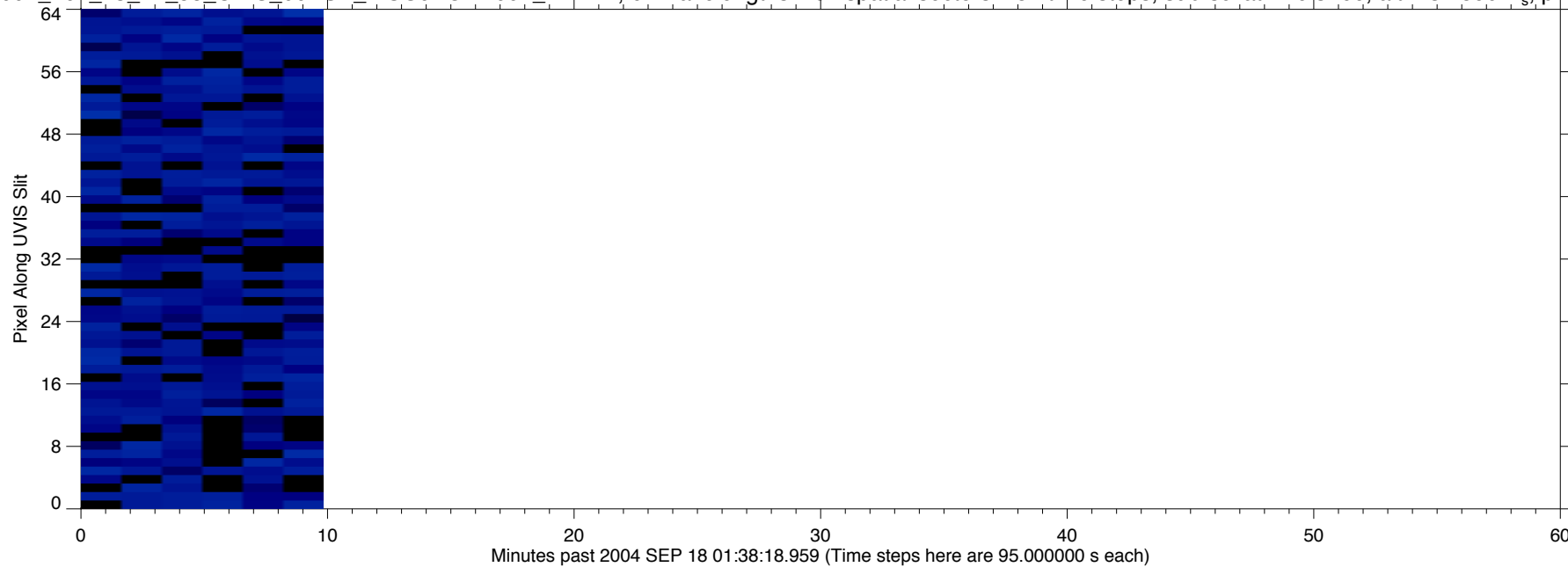
FUV2004_261_23_41_55_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 82 time steps, sub-sc lat=-16.3466, alt=137.590 R_s, phase=80.3888



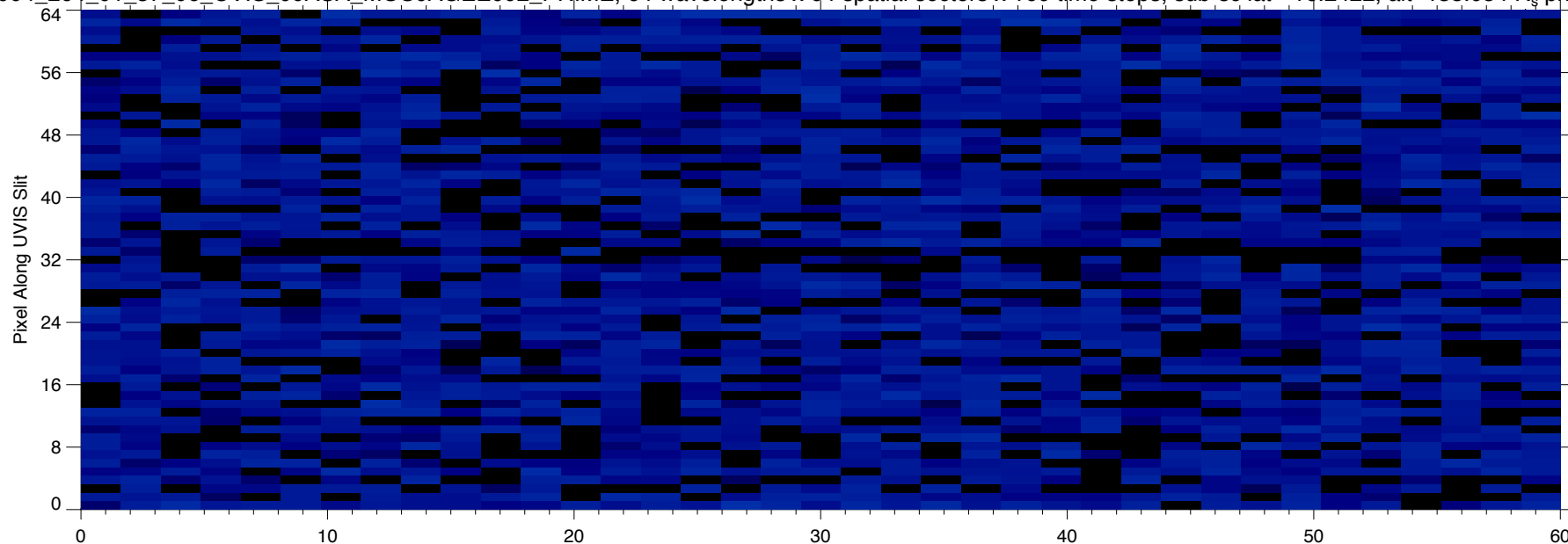
FUV2004_261_23_41_55_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 82 time steps, sub-sc lat=-16.3466, alt=137.590 R_s, phase=80.3888



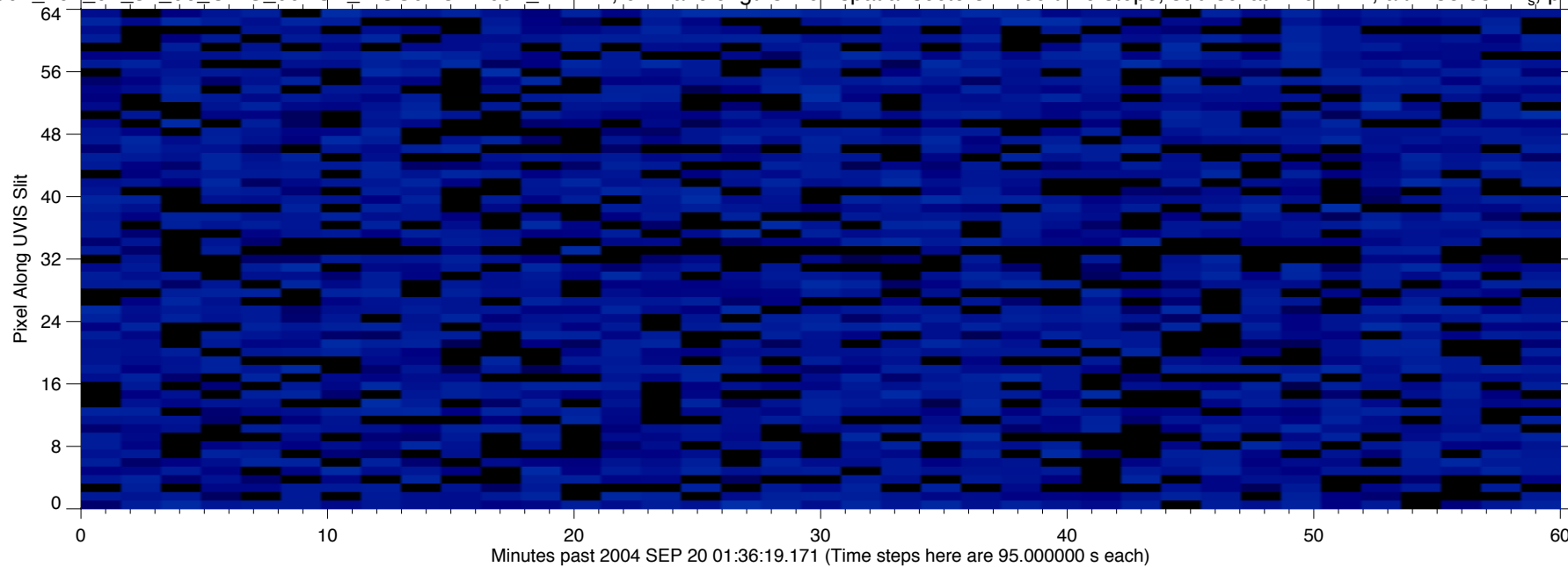
FUV2004_261_23_41_55_UVIS_00ASA_MOS0AGEE001_PRIME, 64 wavelengths x 64 spatial sectors x 82 time steps, sub-sc lat=-16.3466, alt=137.590 R_s, phase=80.3888



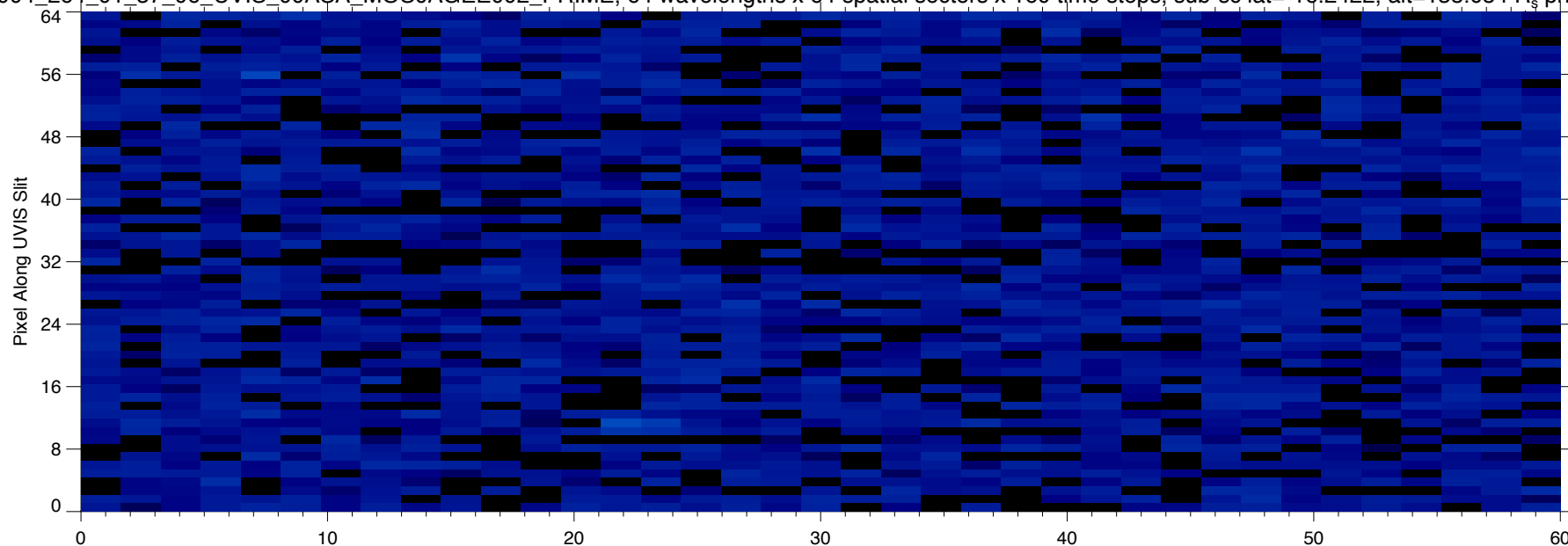
FUV2004_264_01_37_06_UVIS_00ASA_MOS0AGEE002_PRIME, 64 wavelengths x 64 spatial sectors x 160 time steps, sub-sc lat=-16.2422, alt=135.054 R_s, phase=79.6771



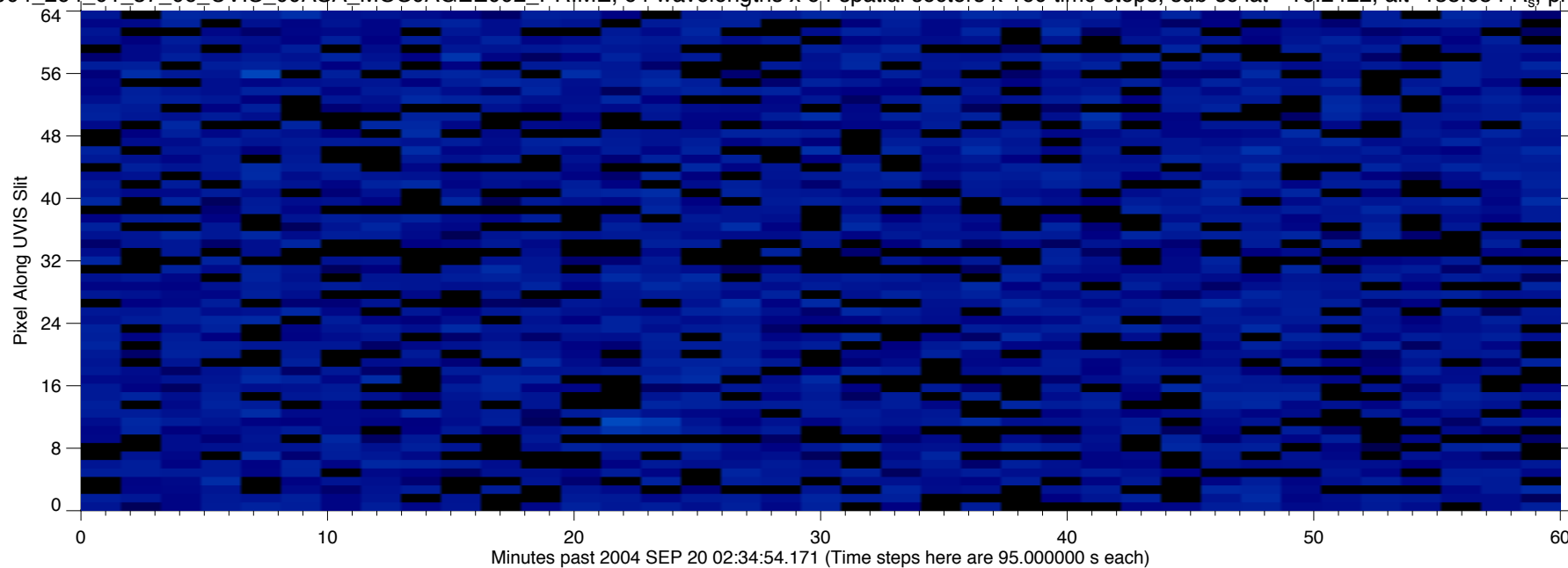
FUV2004_264_01_37_06_UVIS_00ASA_MOS0AGEE002_PRIME, 64 wavelengths x 64 spatial sectors x 160 time steps, sub-sc lat=-16.2422, alt=135.054 R_s, phase=79.6771



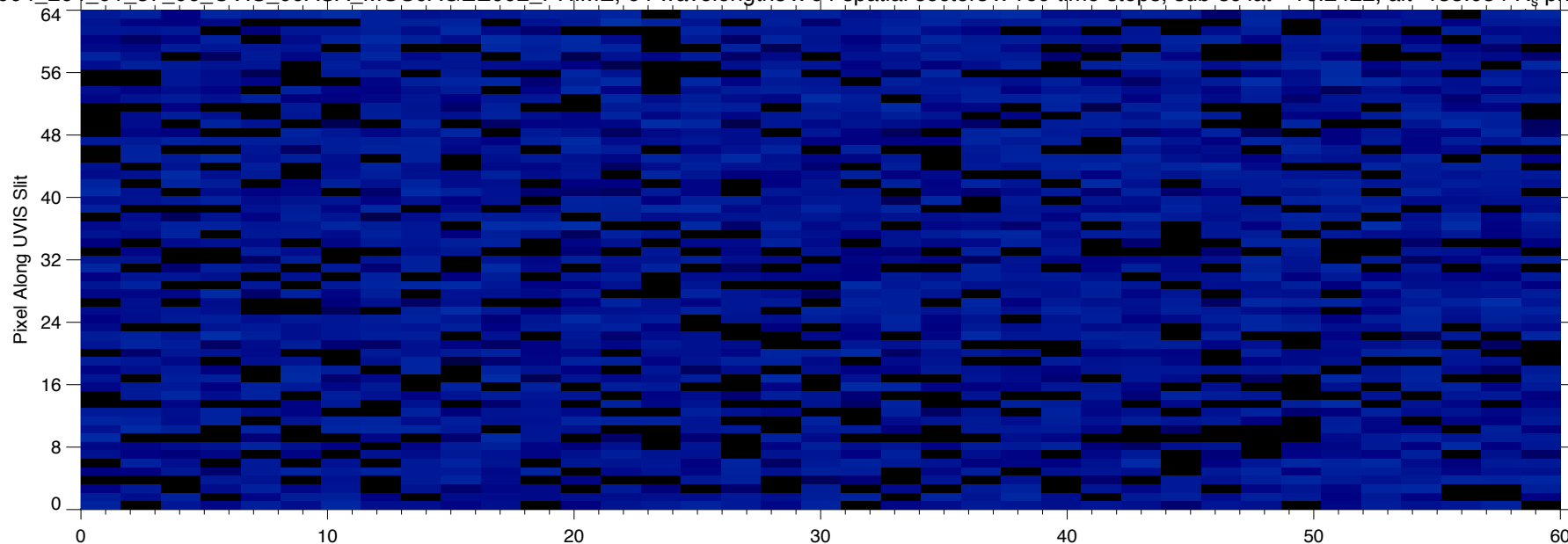
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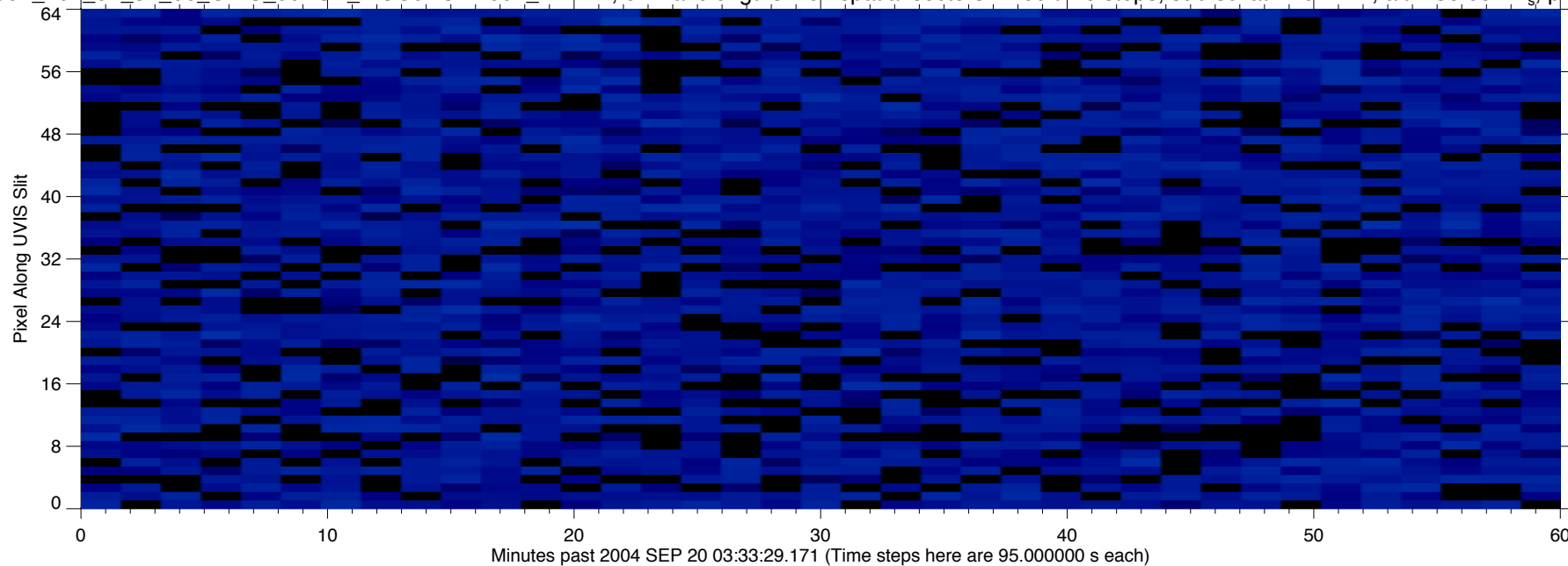
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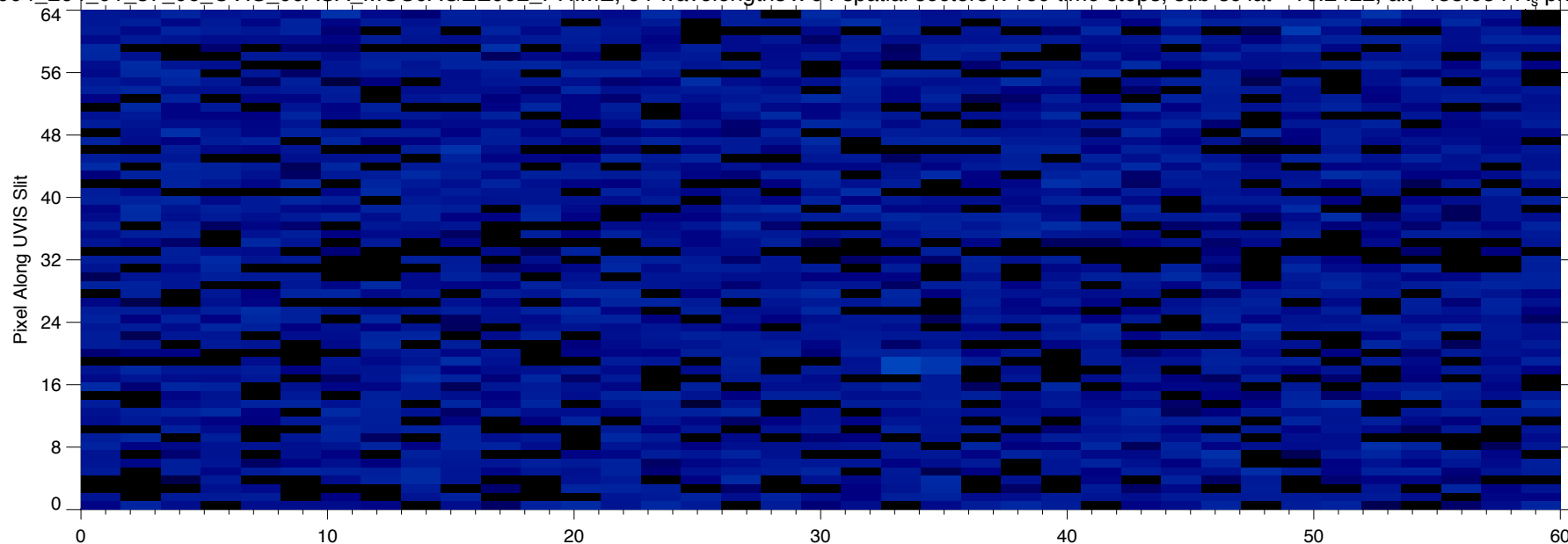
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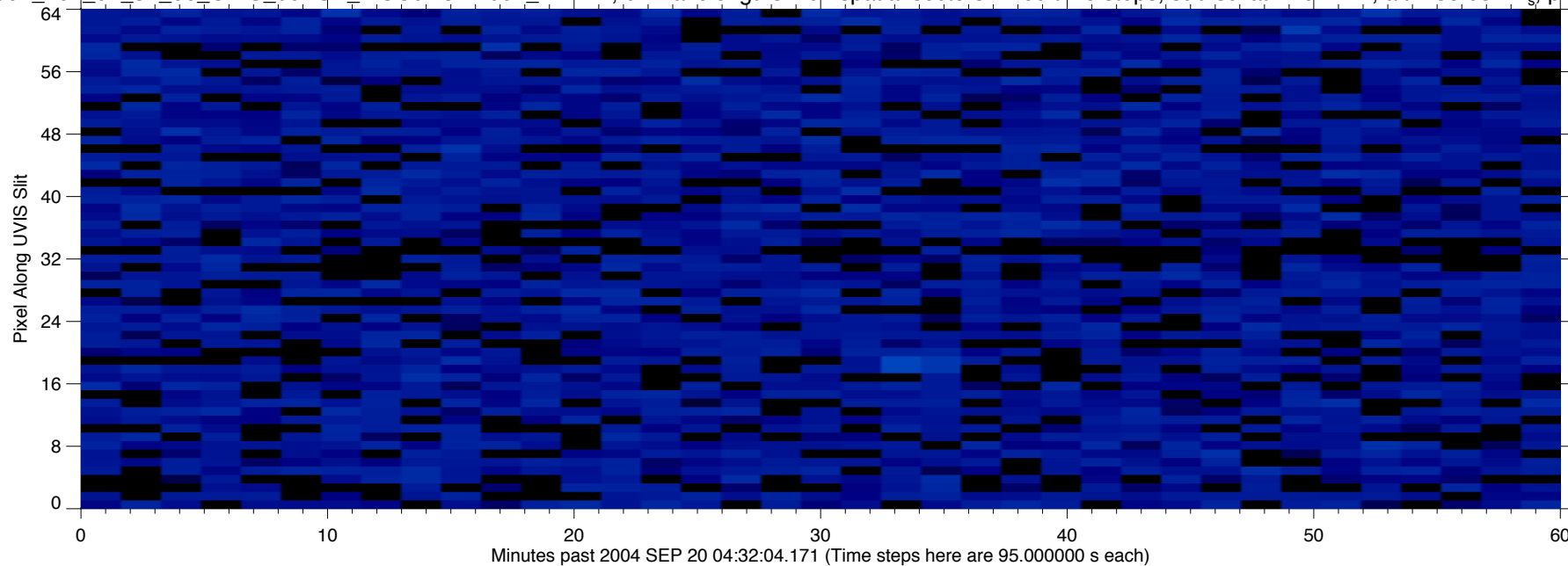
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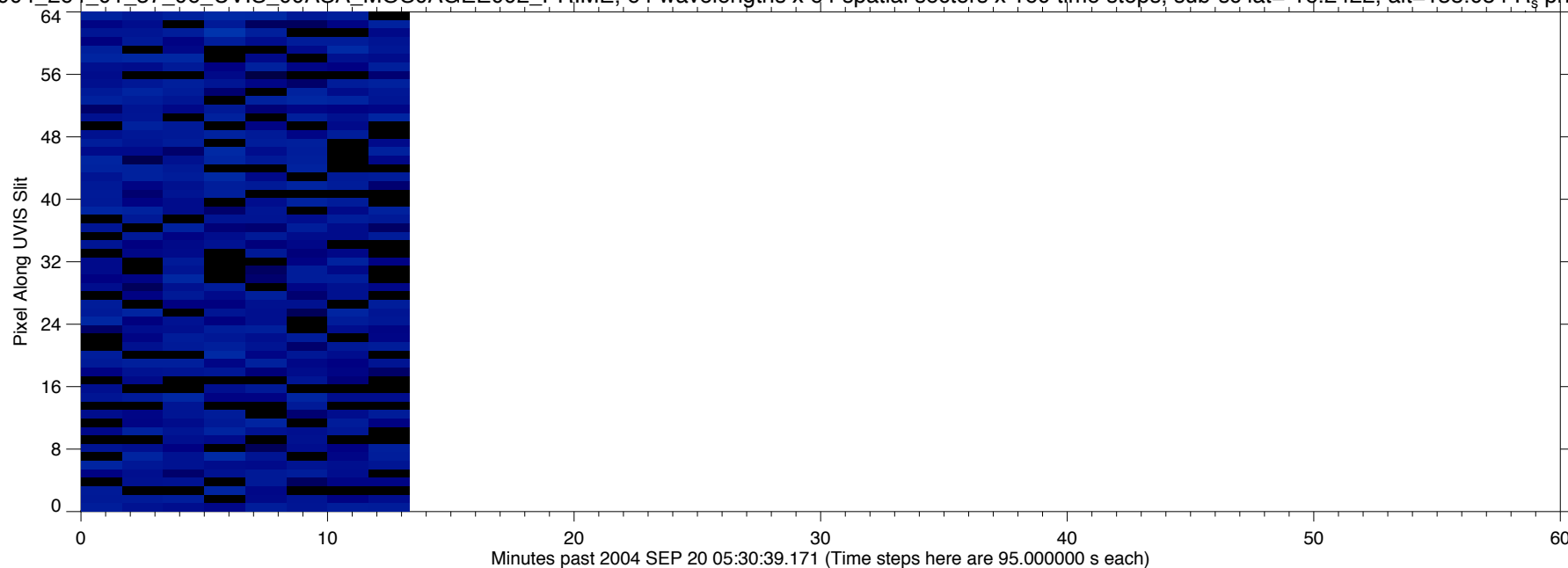
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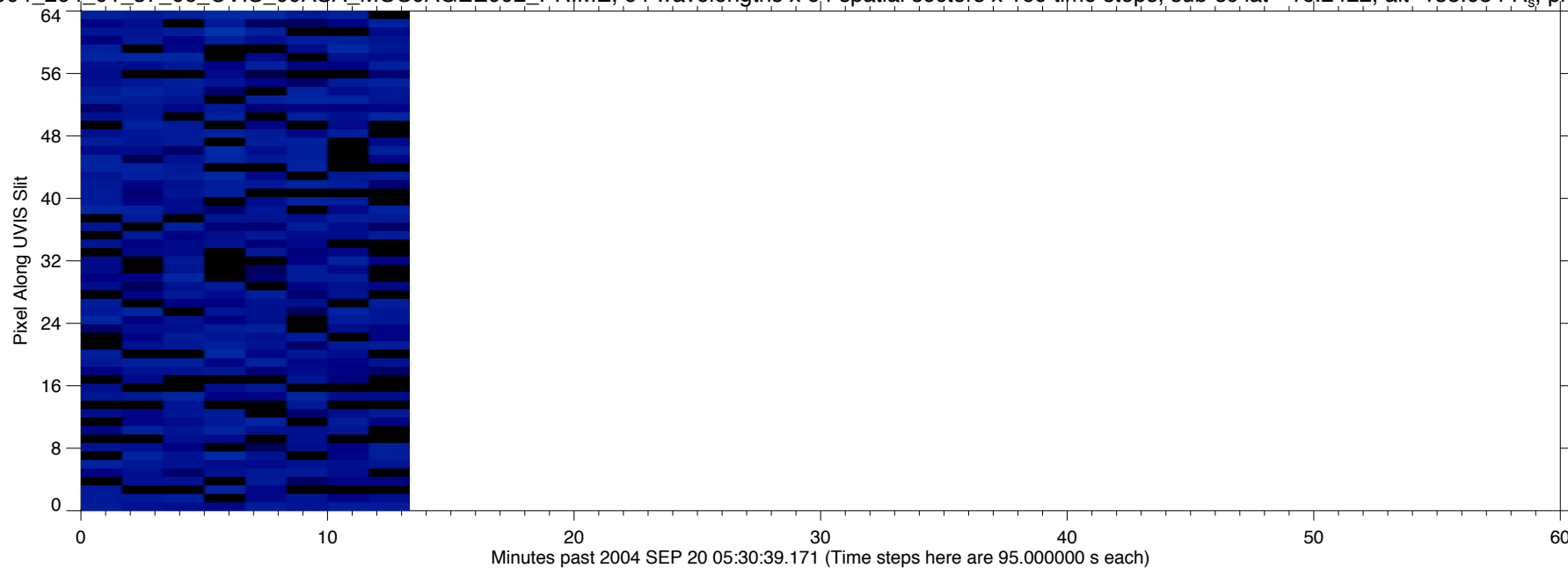
FUV2004_264_01_37_06_UVIS_00ASA_MOS0AGEE002_PRIME, 64 wavelengths x 64 spatial sectors x 160 time steps, sub-sc lat=-16.2422, alt=135.054 R_s, phase=79.6771



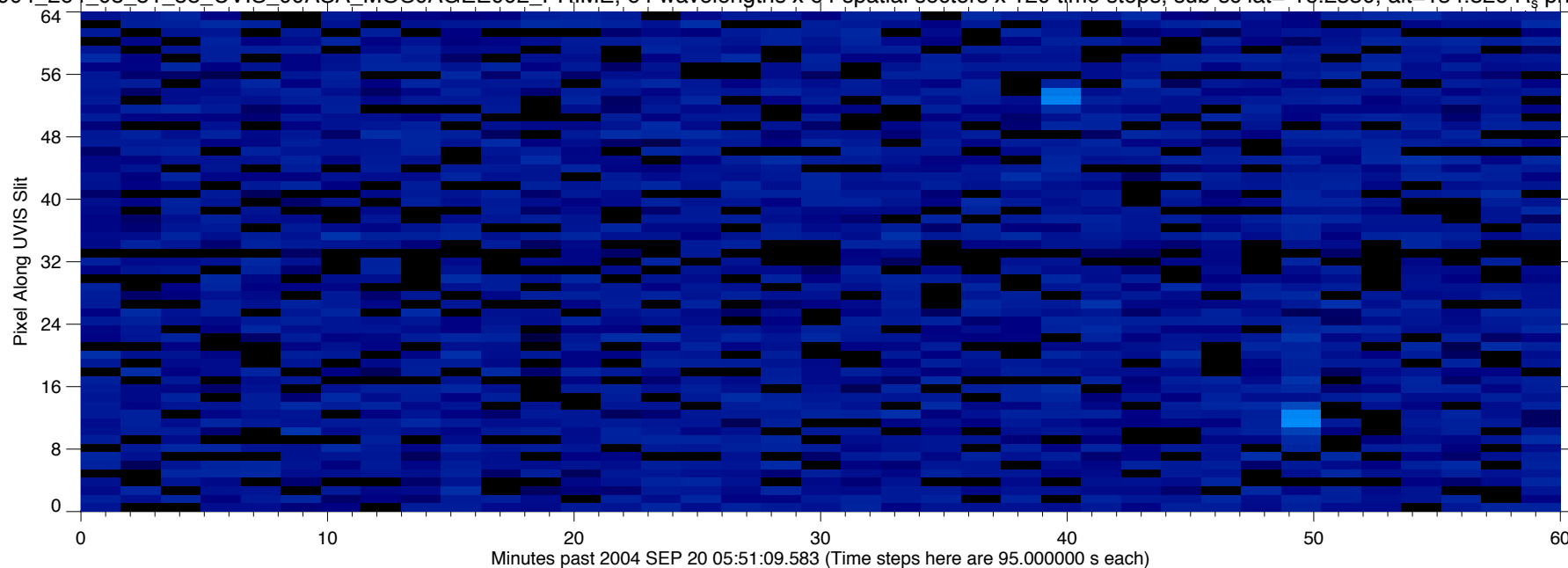
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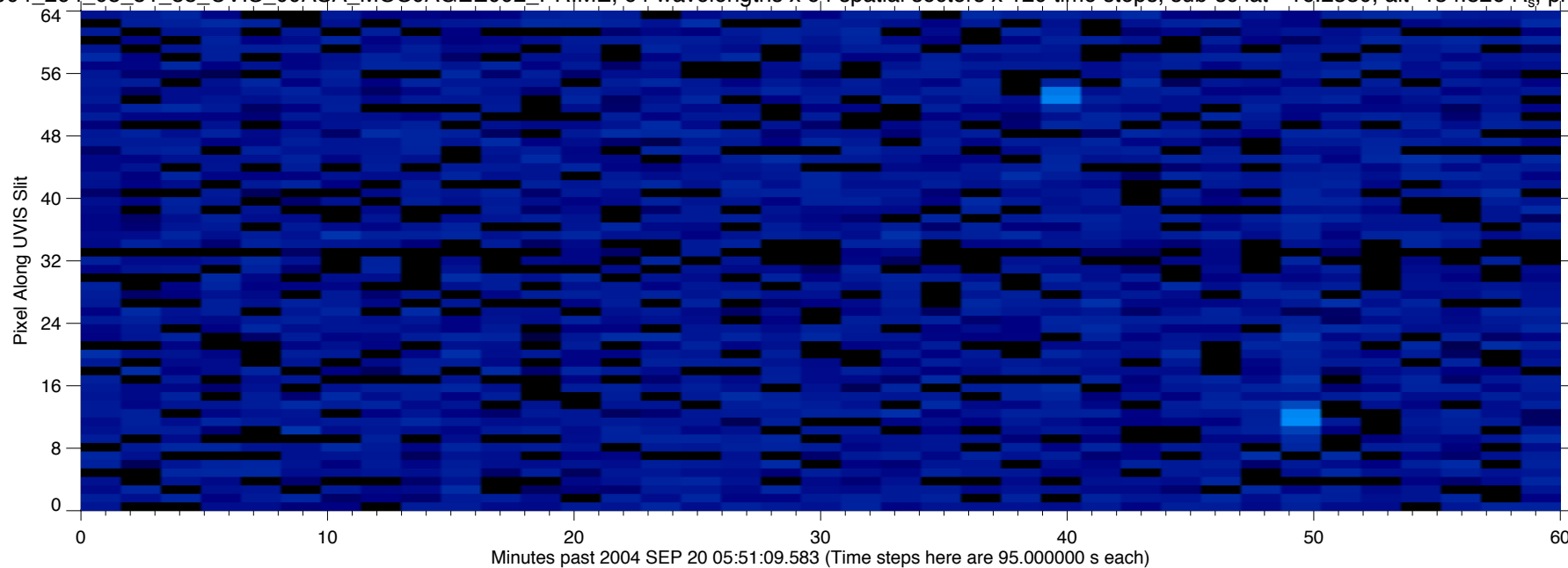
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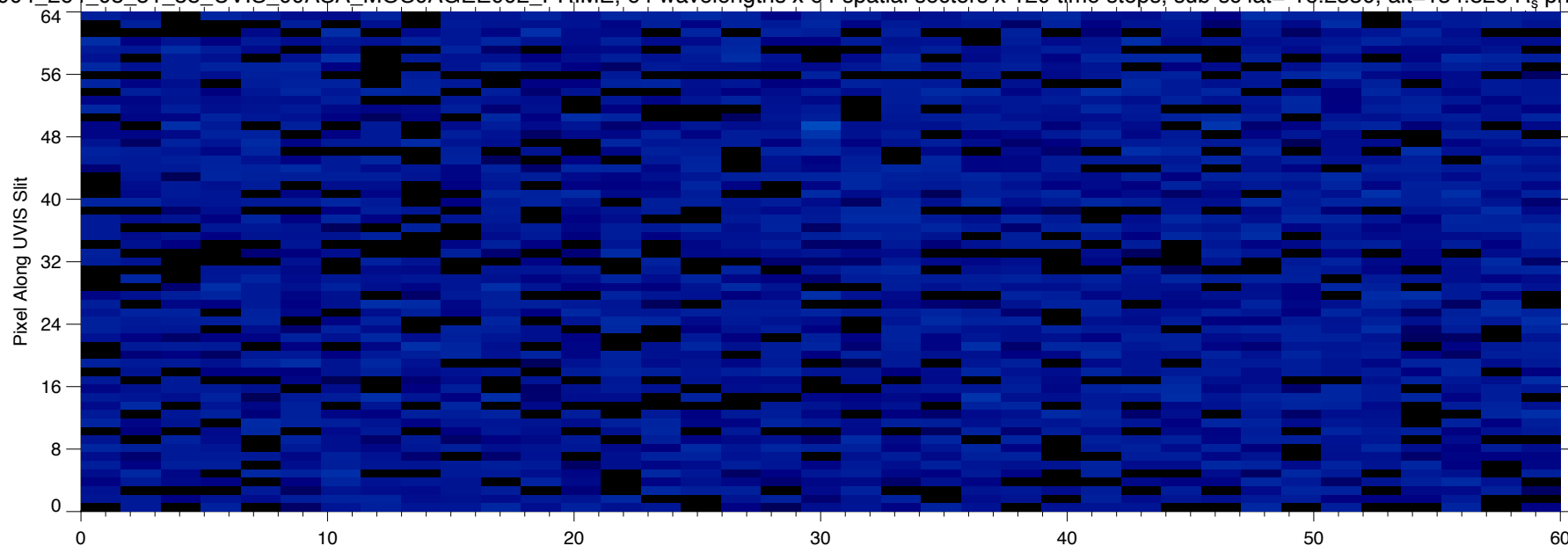
FUV2004_264_05_51_58_UVIS_00ASA_MOS0AGEE002_PRIME, 64 wavelengths x 64 spatial sectors x 120 time steps, sub-sc lat=-16.2330, alt=134.826 R_s, phase=79.6152



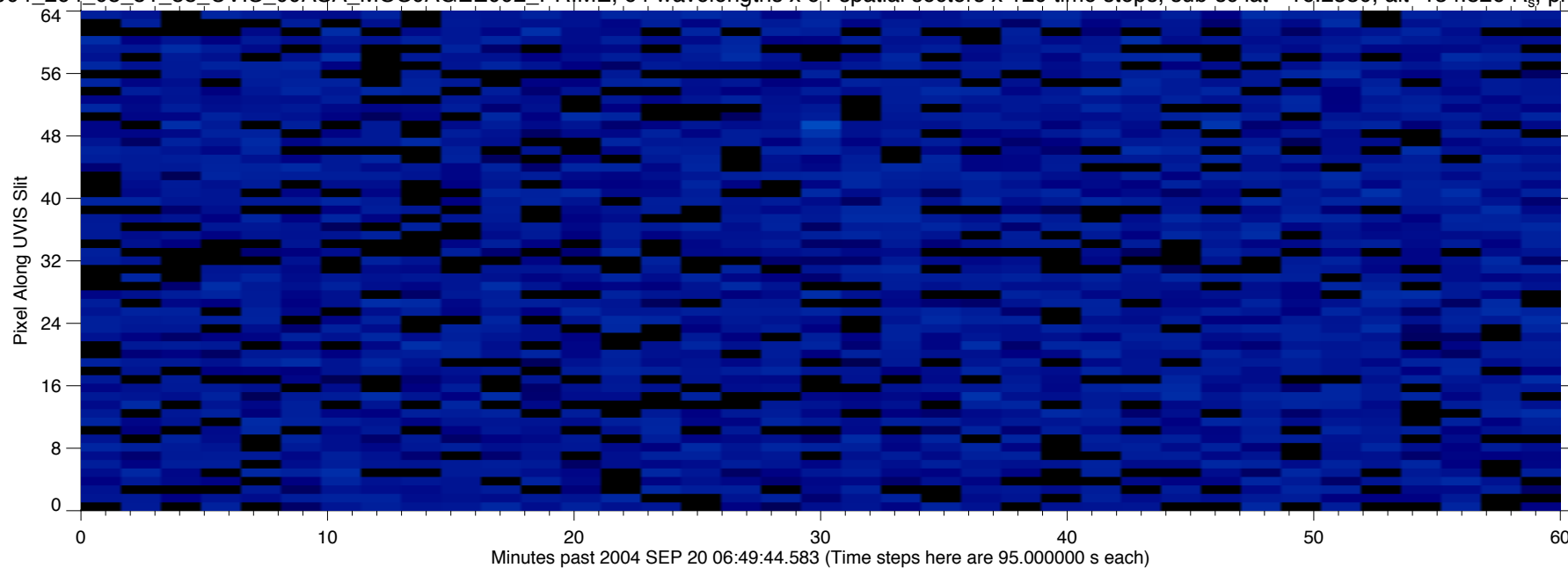
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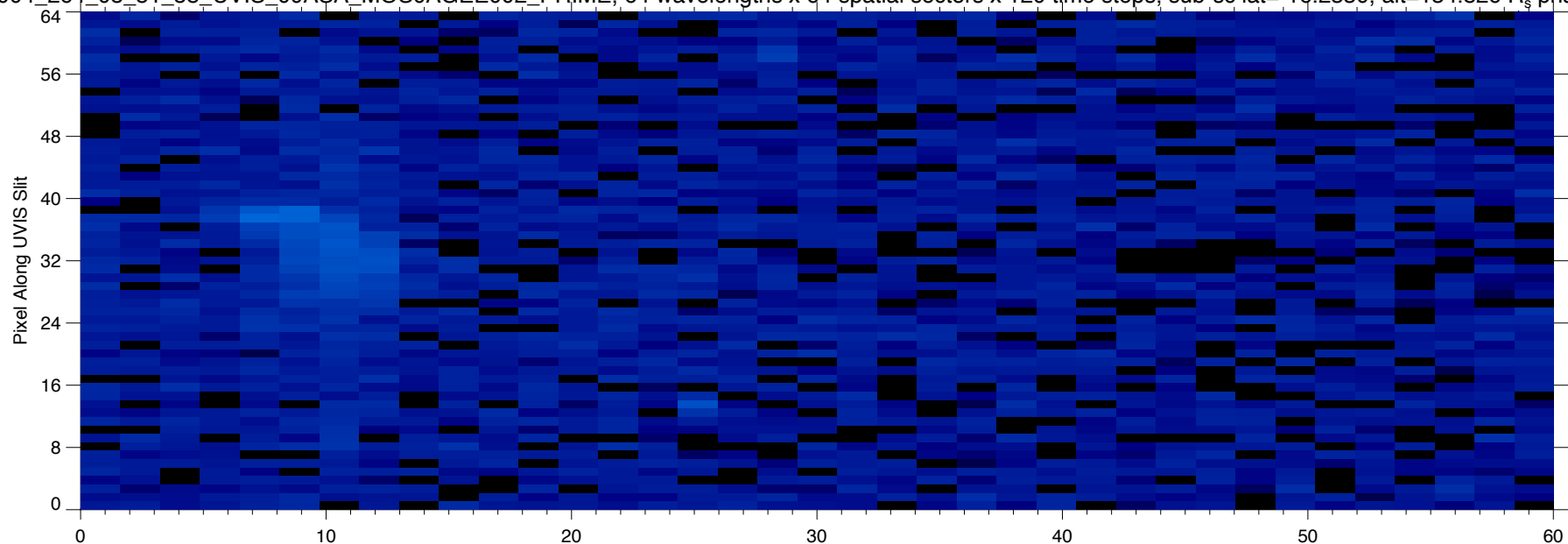
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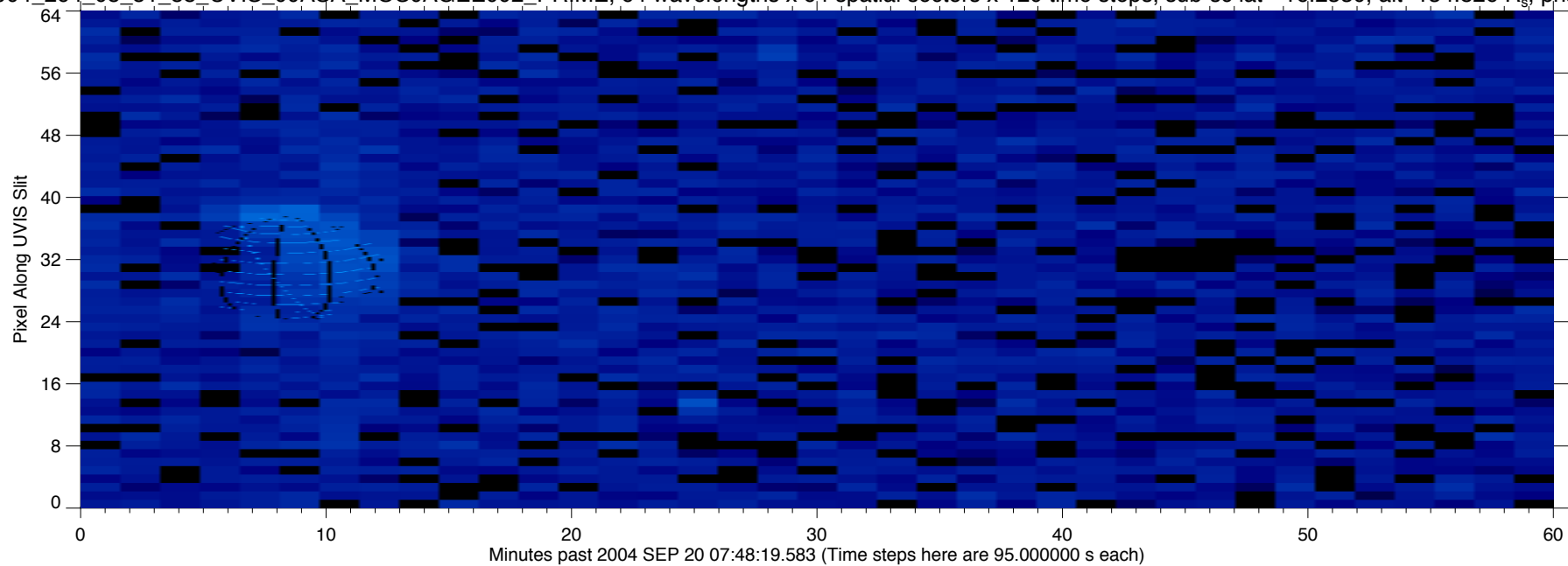
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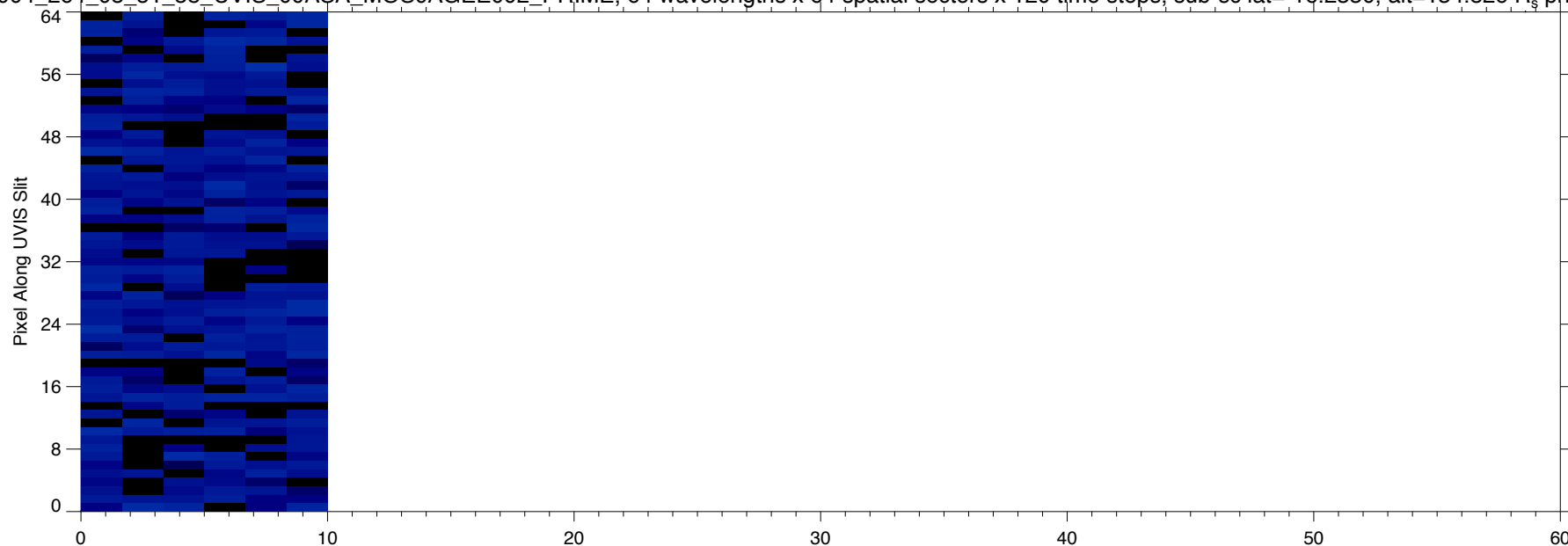
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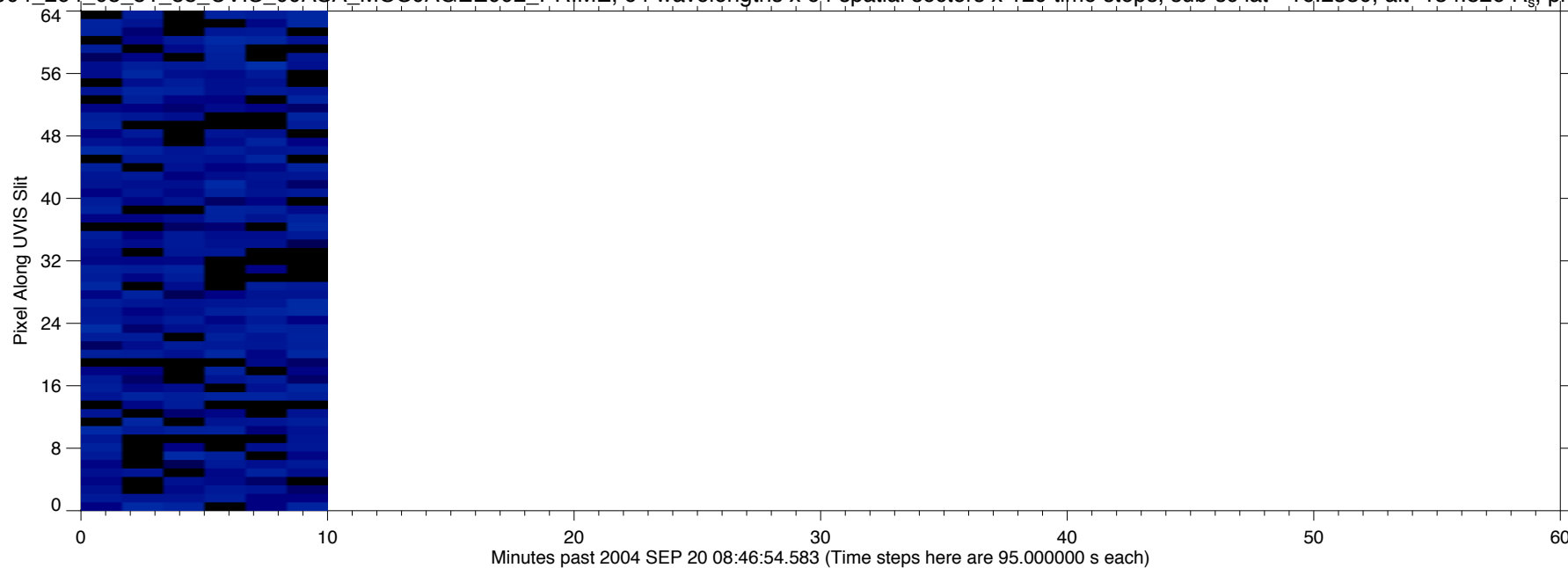
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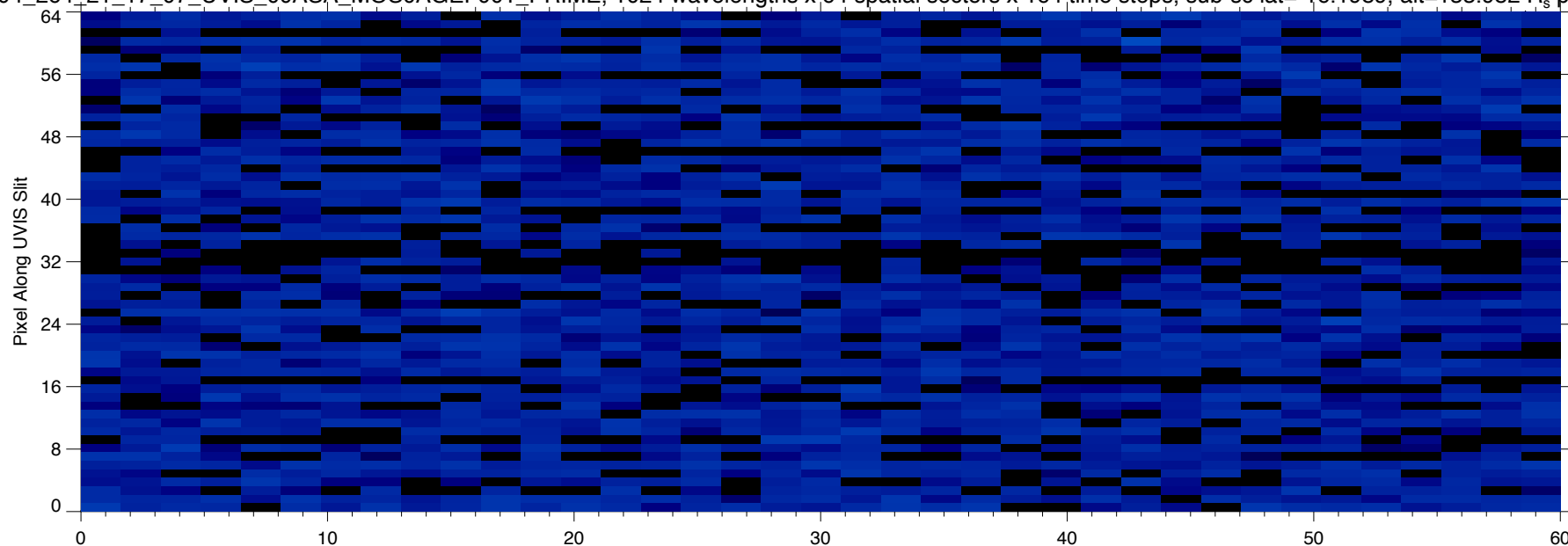
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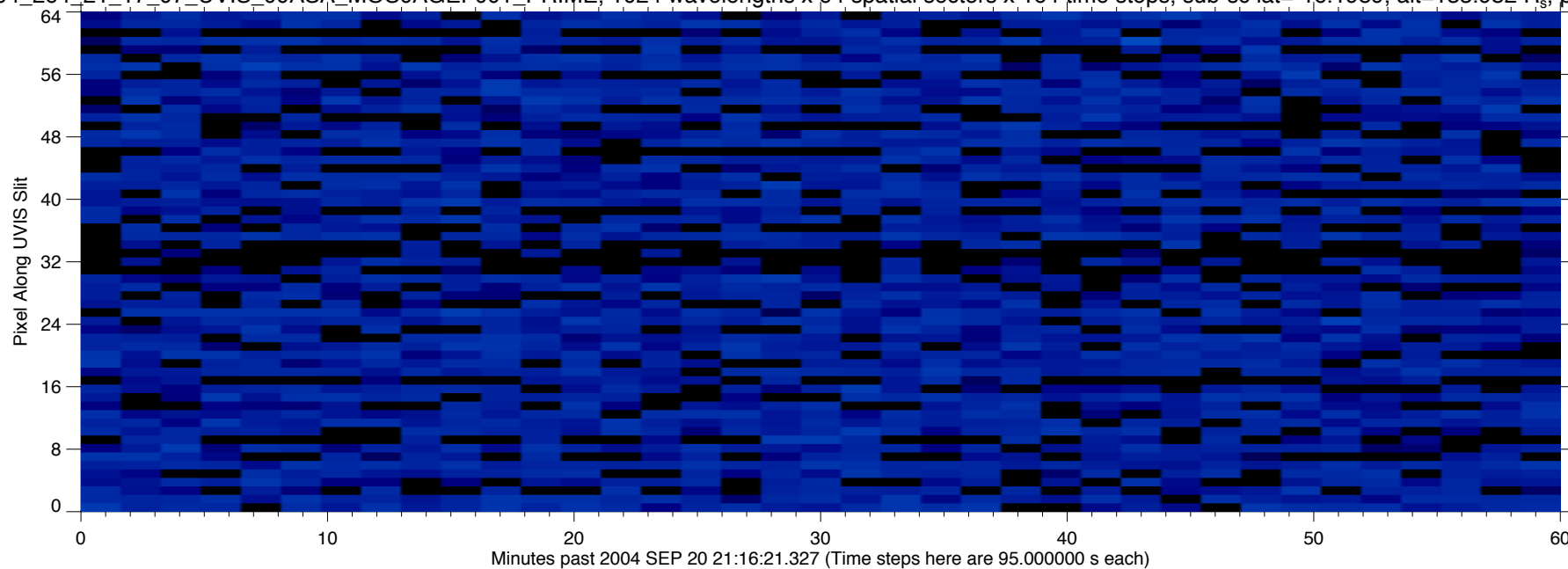
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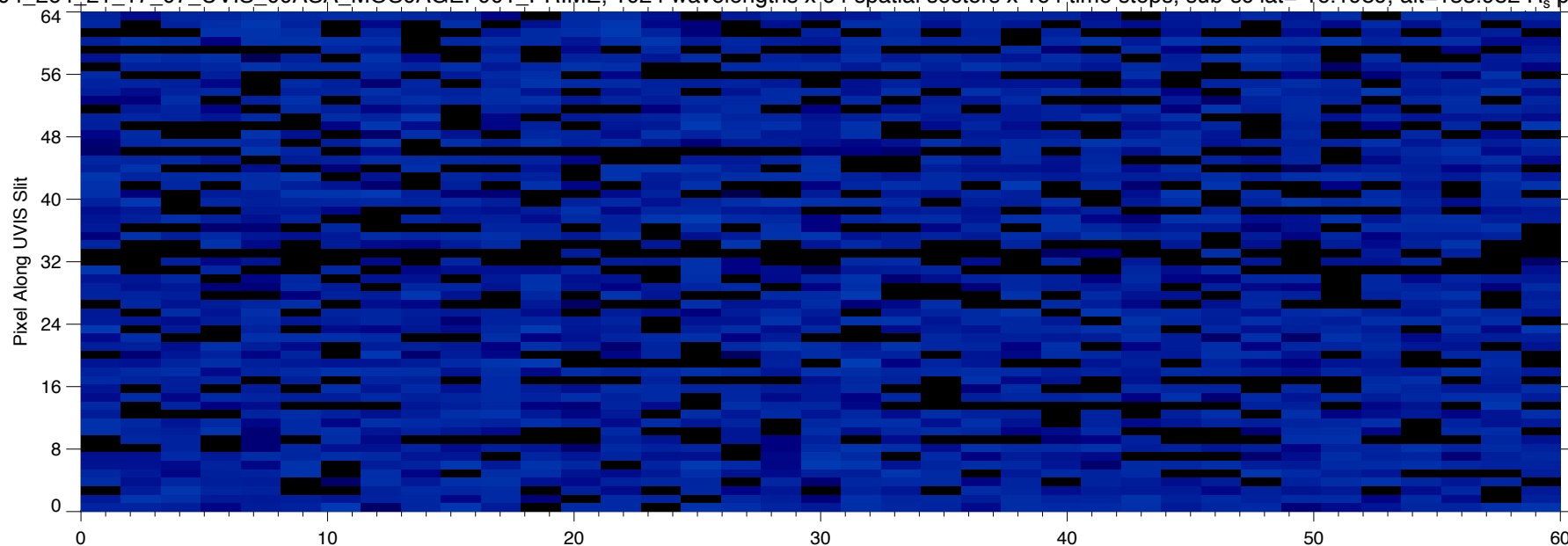
FUV2004_264_21_17_07_UVIS_00ASA_MOS0AGEF001_PRIME, 1024 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.1989, alt=133.982 R_s phase=79.3883



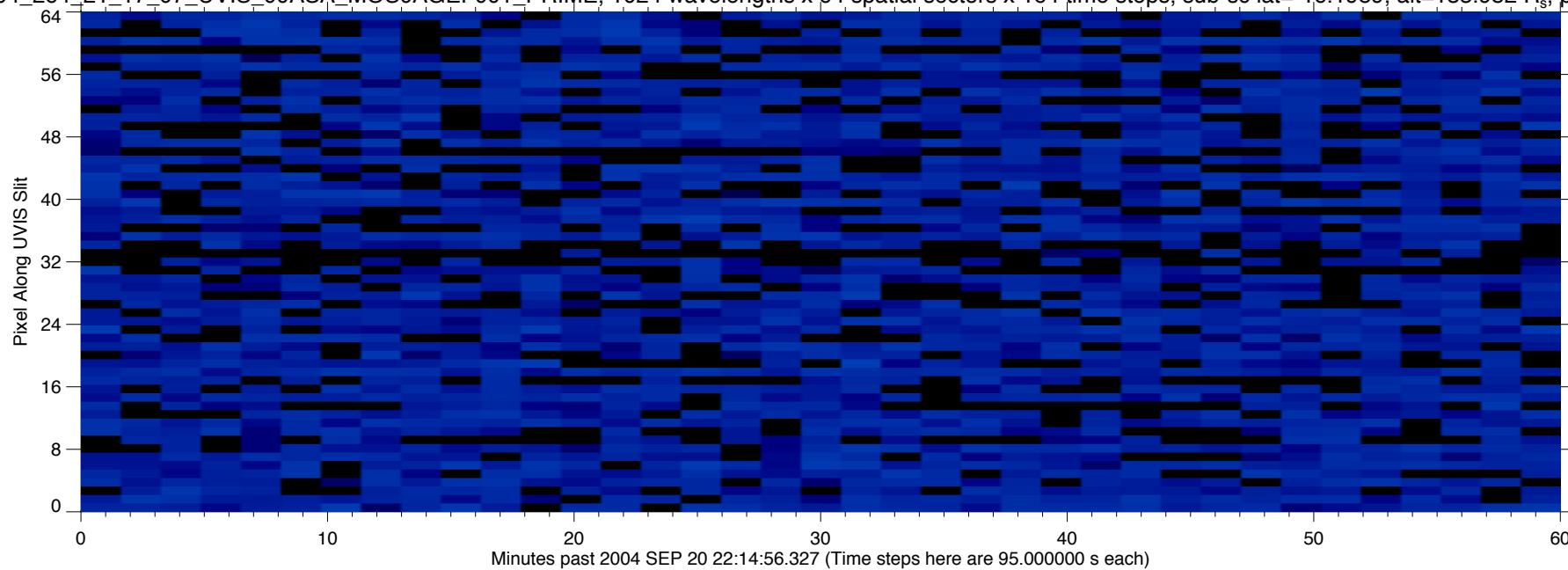
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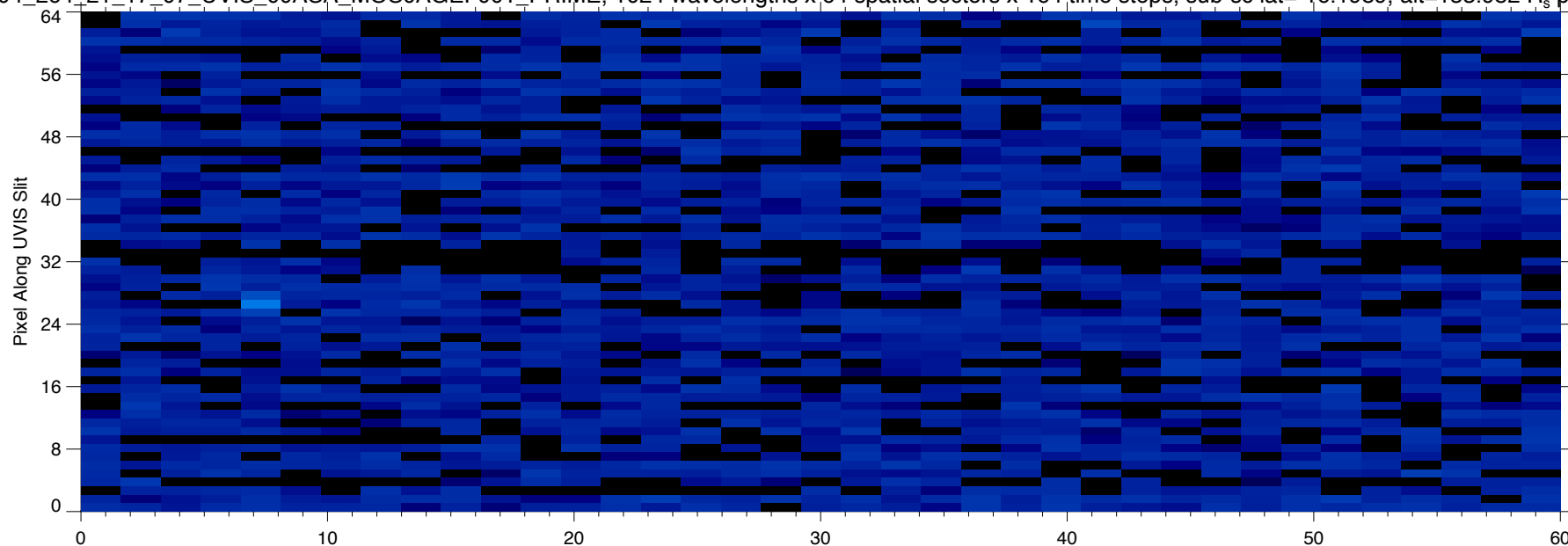
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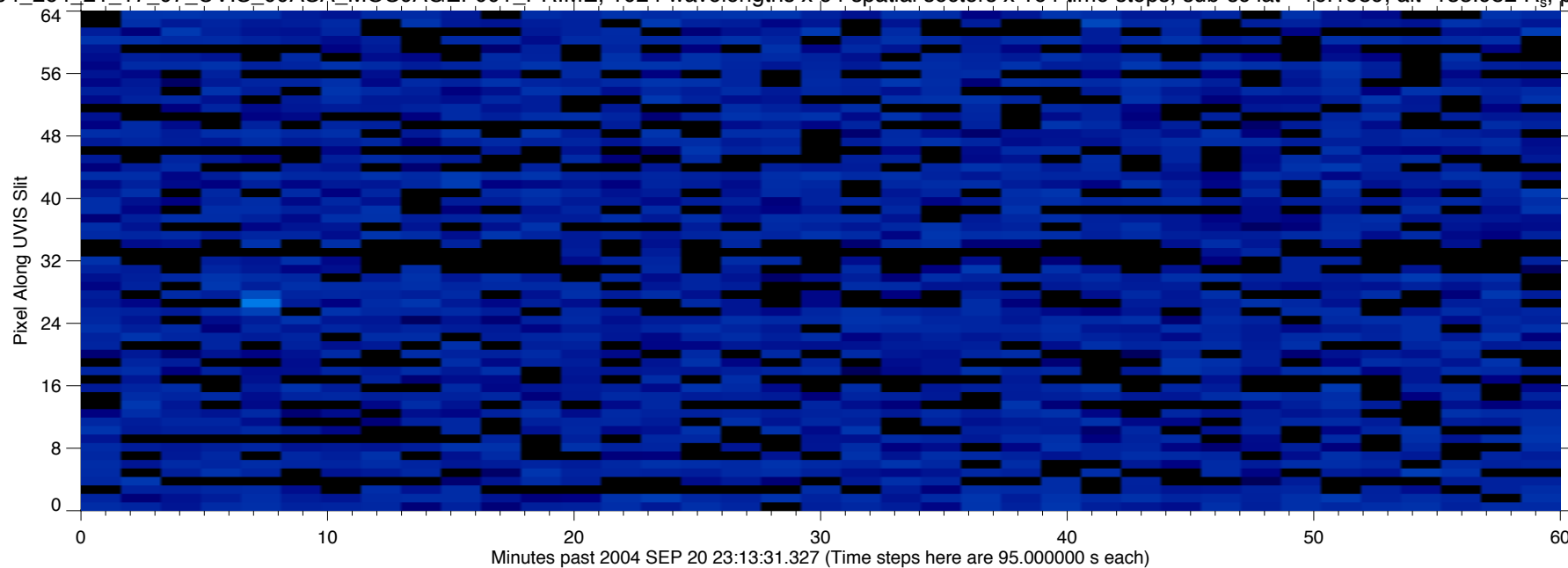
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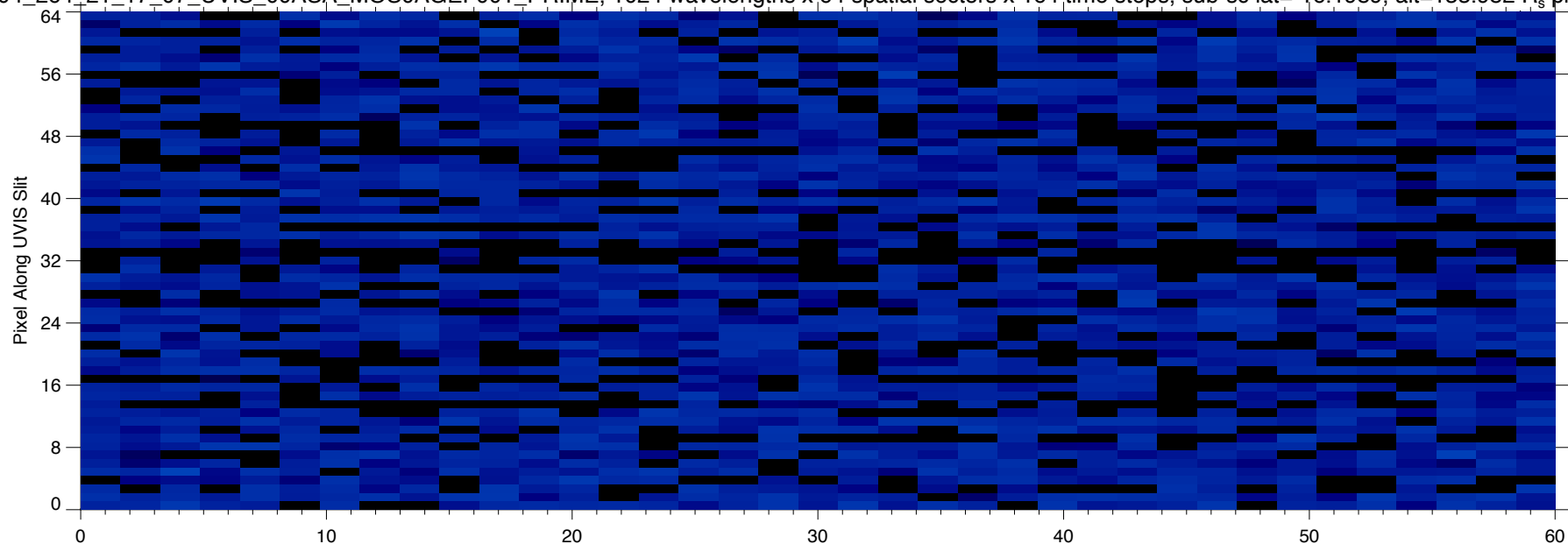
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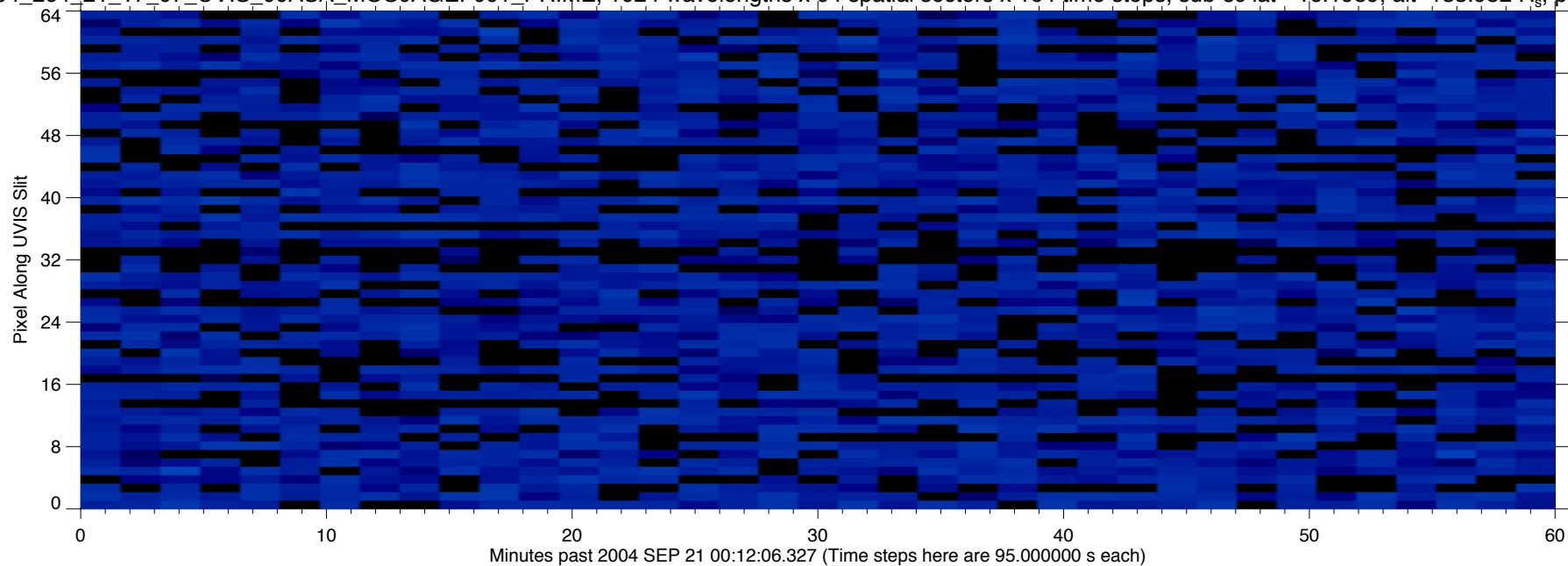
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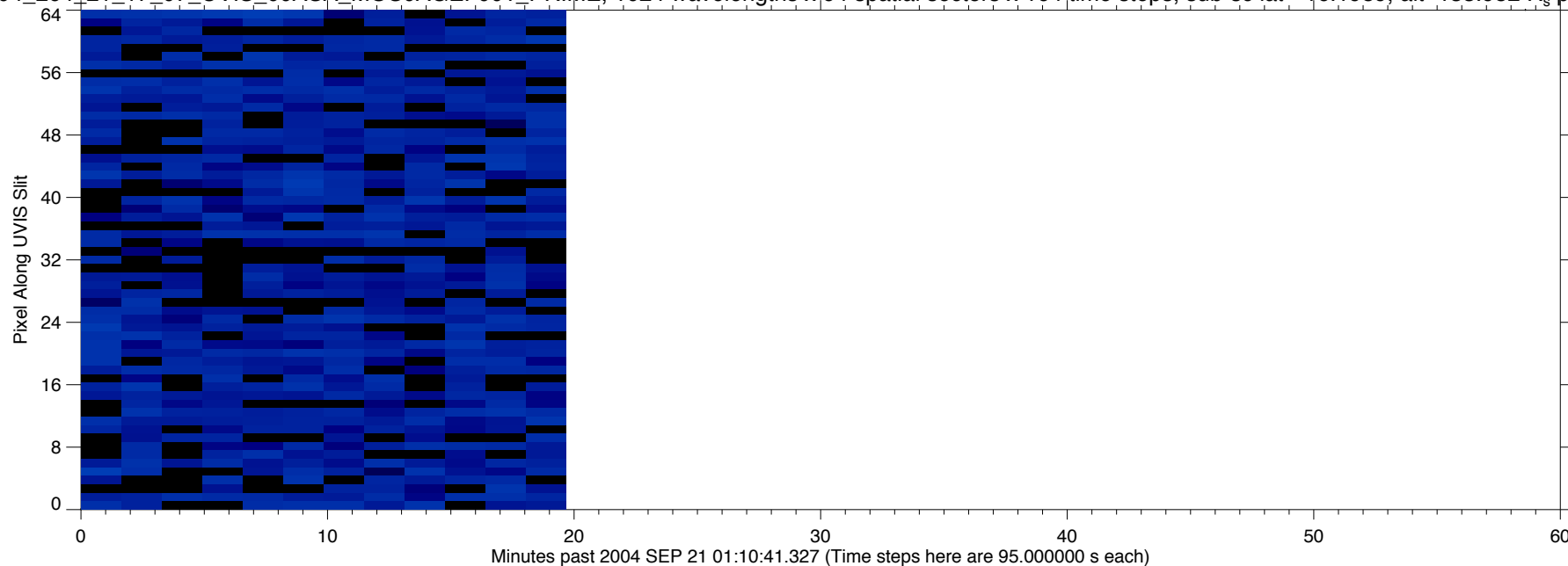
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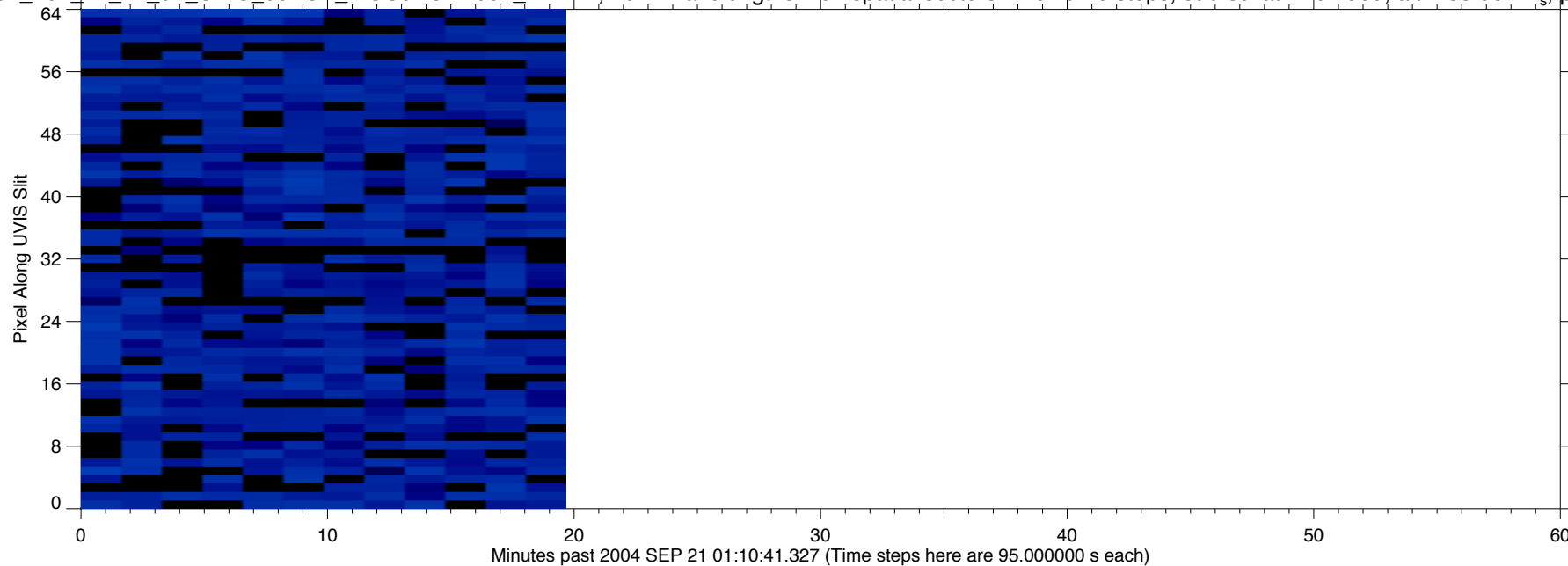
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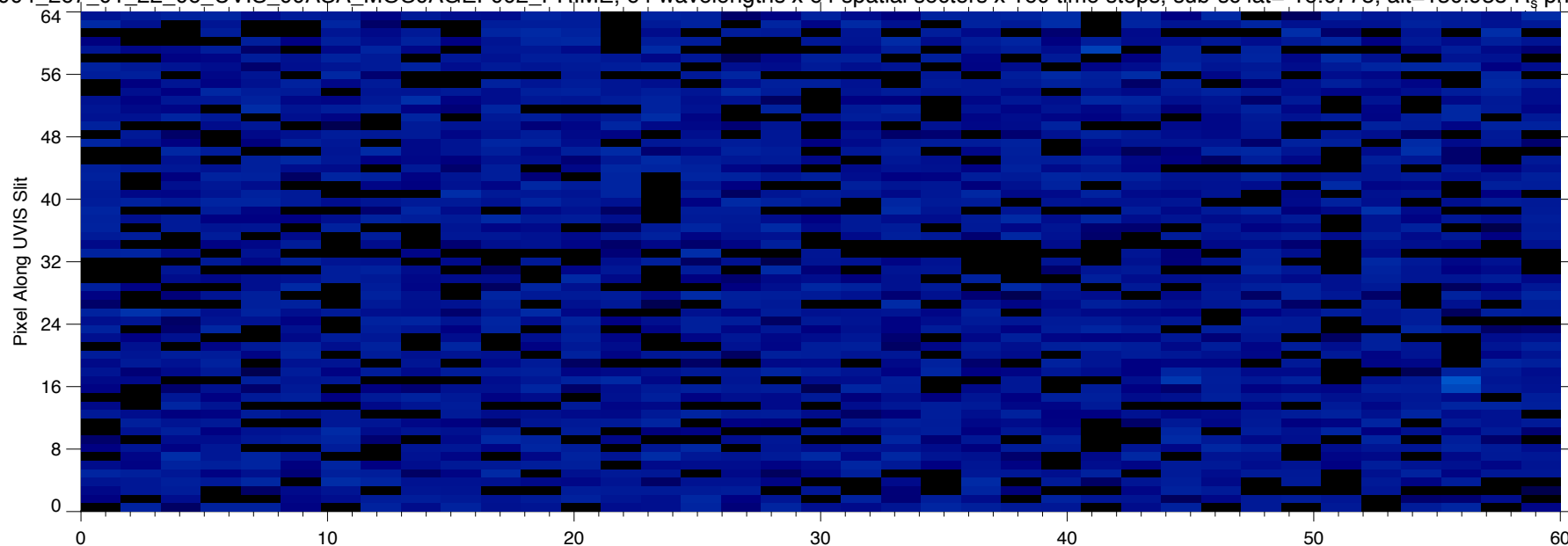
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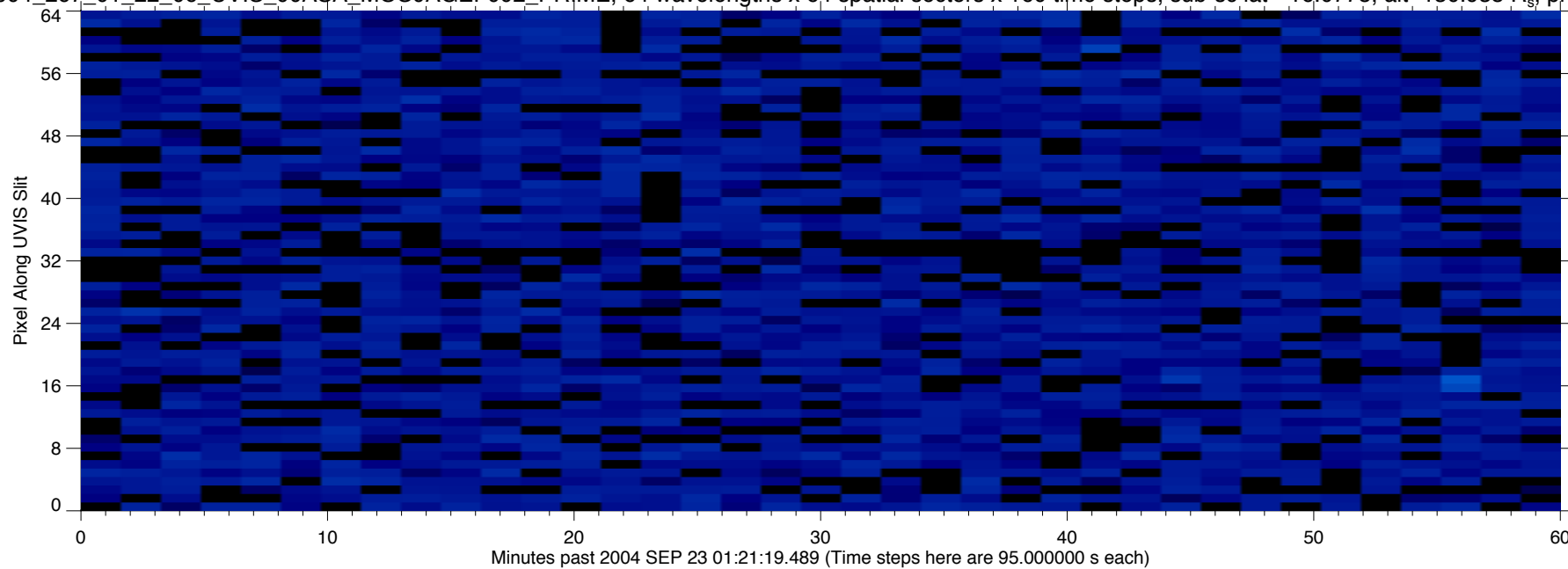
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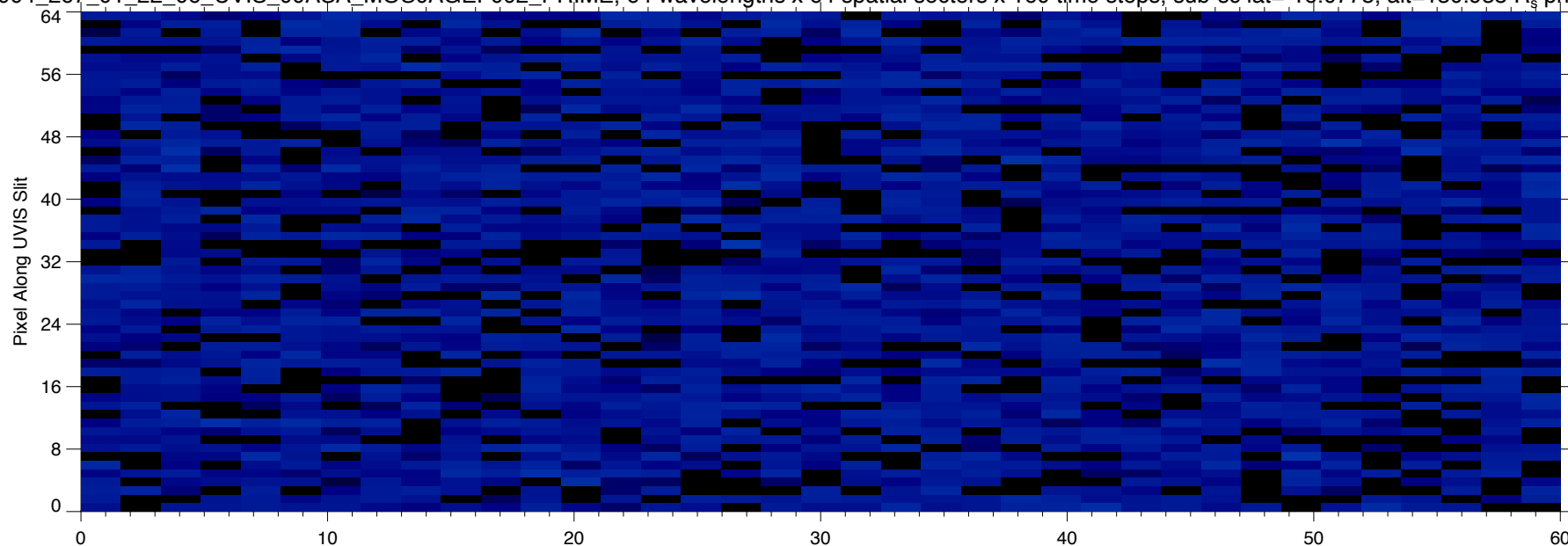
FUV2004_267_01_22_06_UVIS_00ASA_MOS0AGEF002_PRIME, 64 wavelengths x 64 spatial sectors x 160 time steps, sub-sc lat=-16.0775, alt=130.935 R_s, phase=78.5974



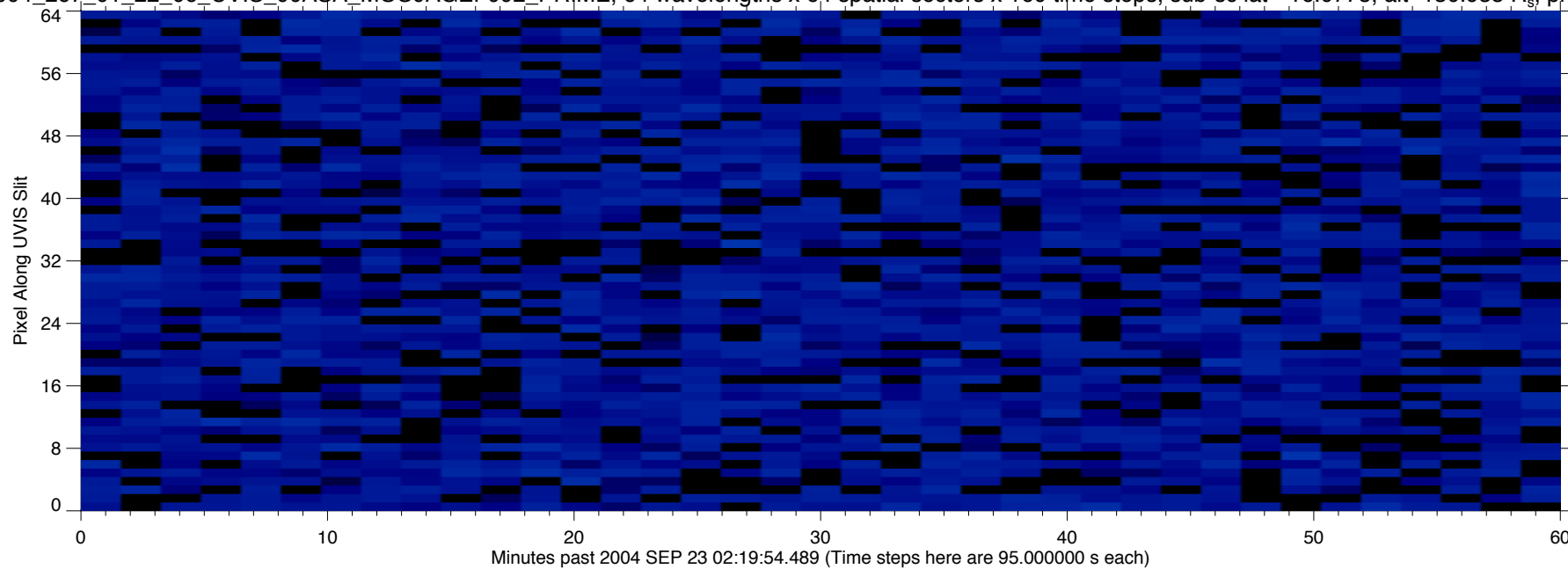
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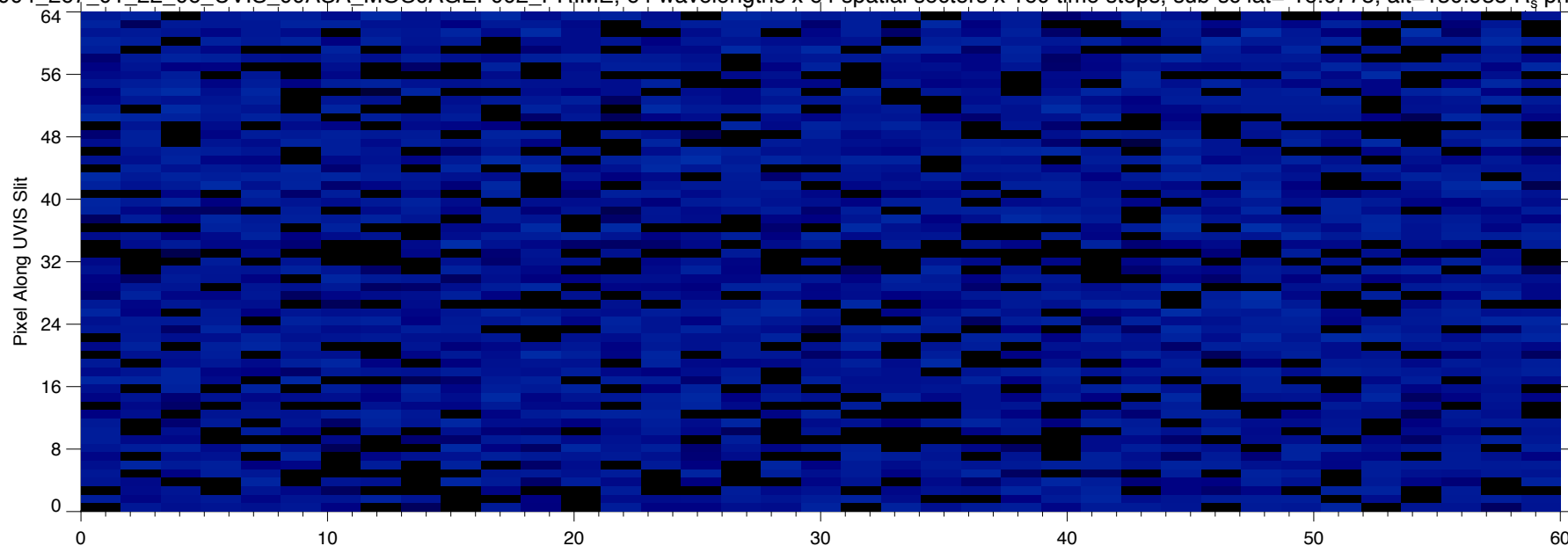
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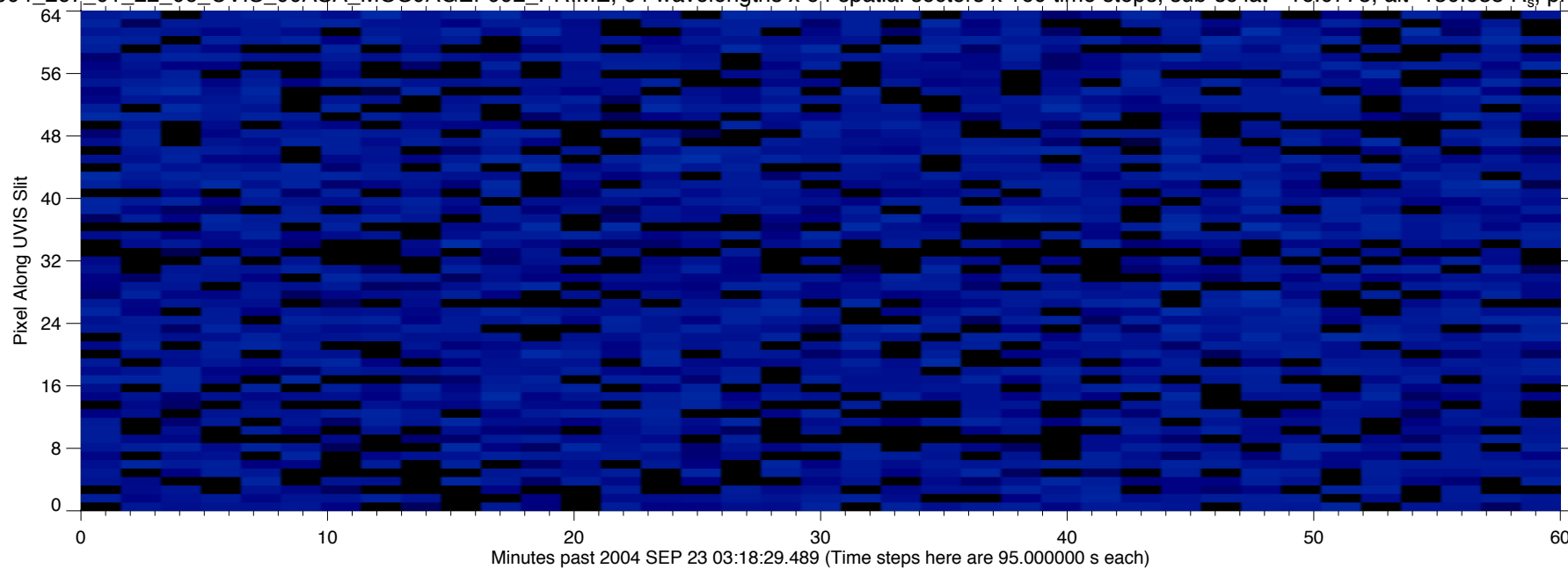
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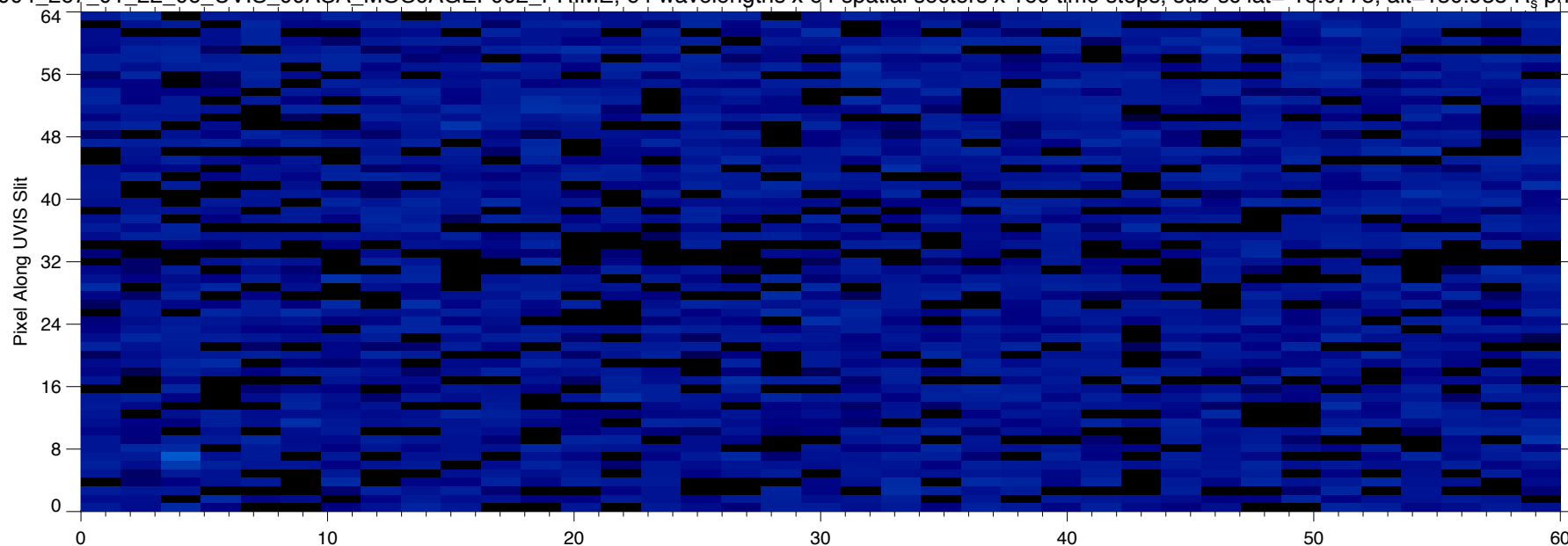
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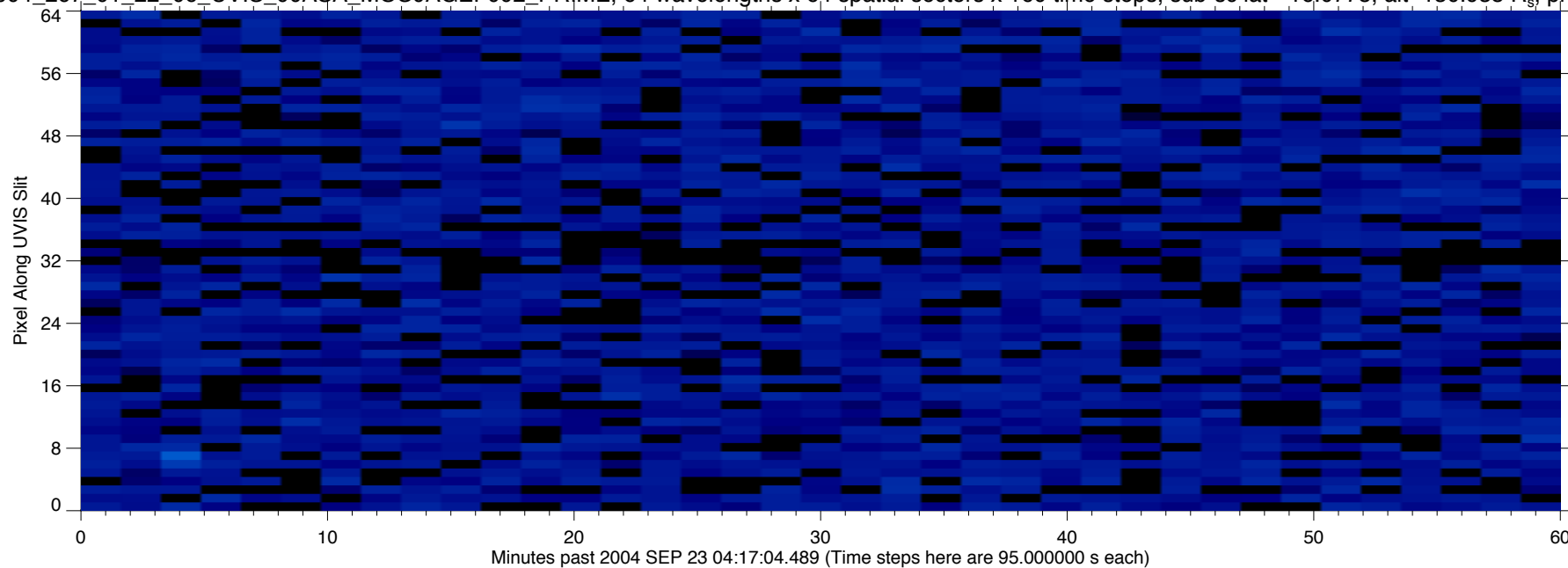
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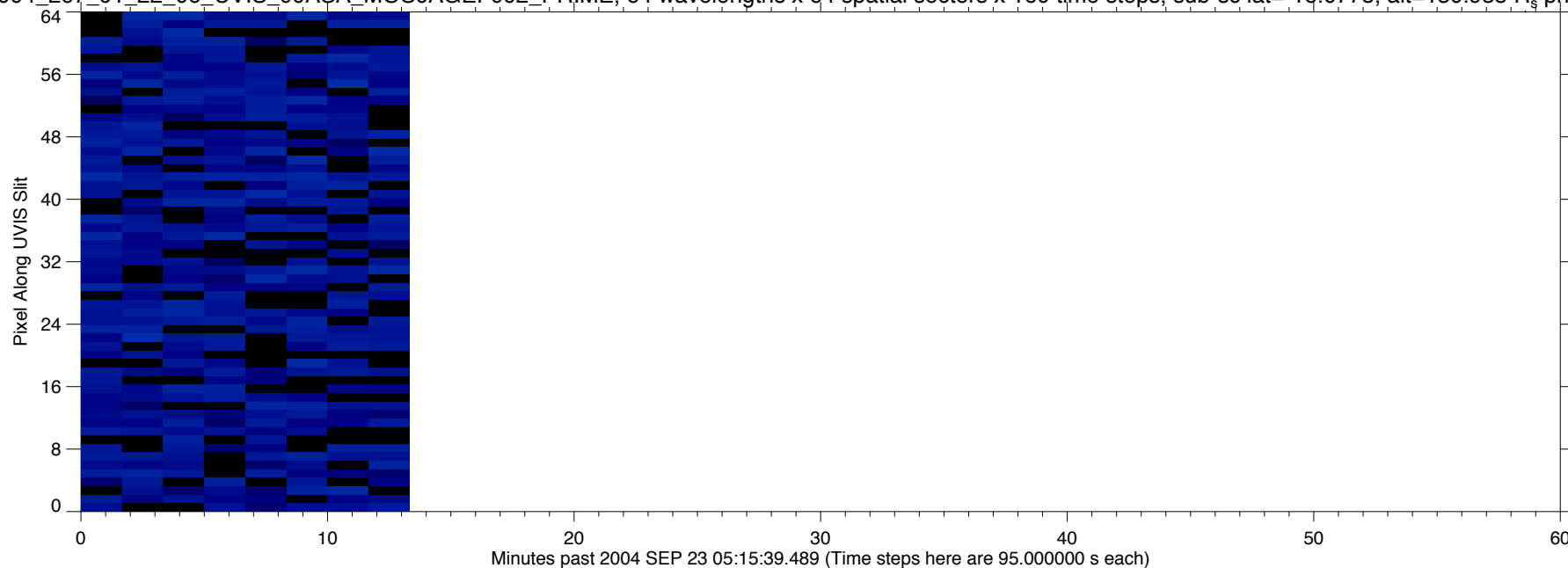
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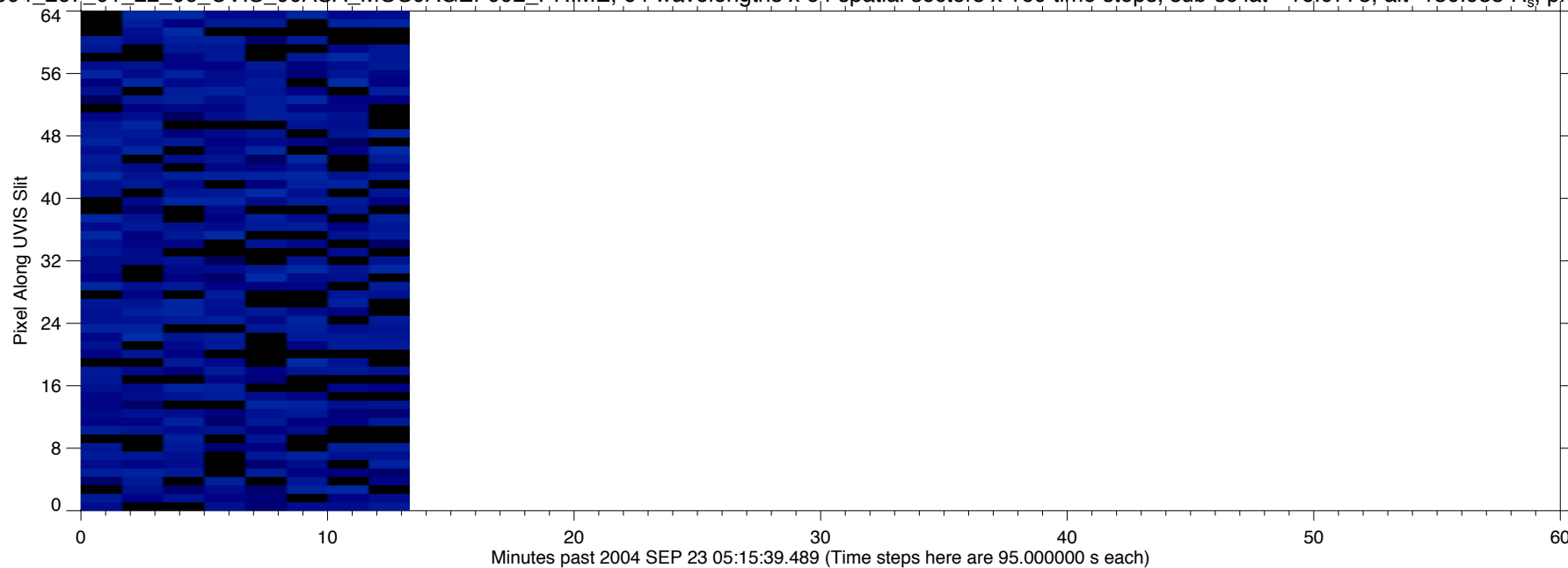
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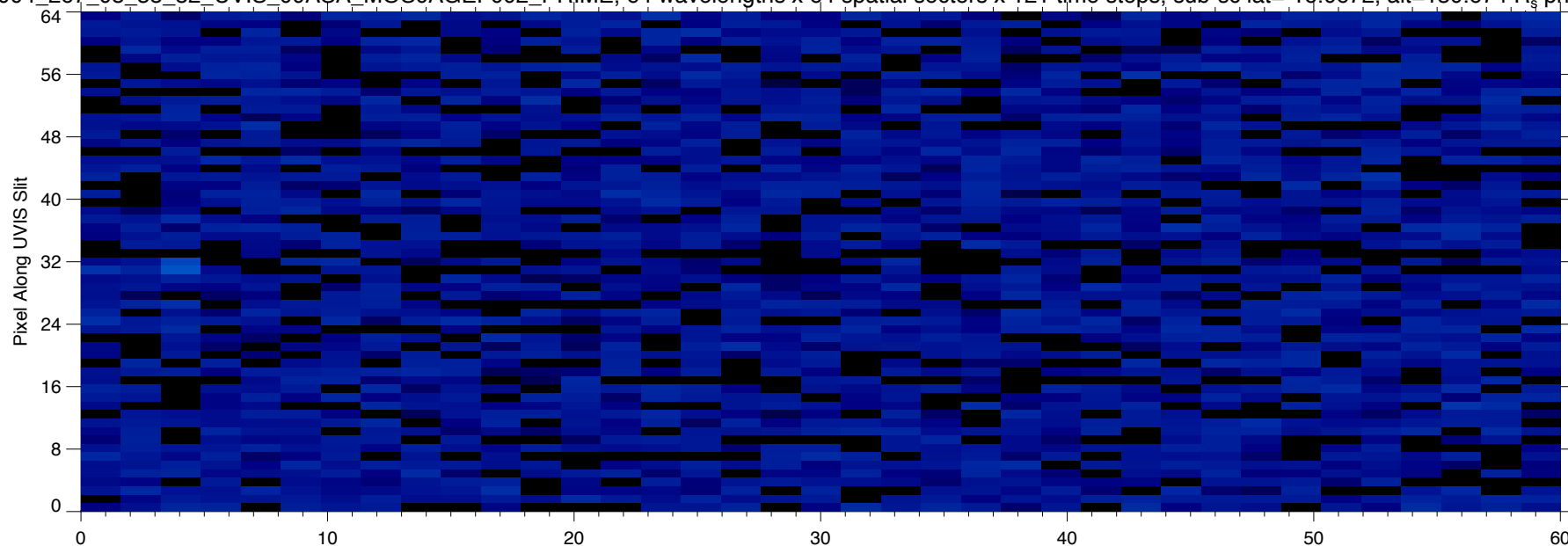
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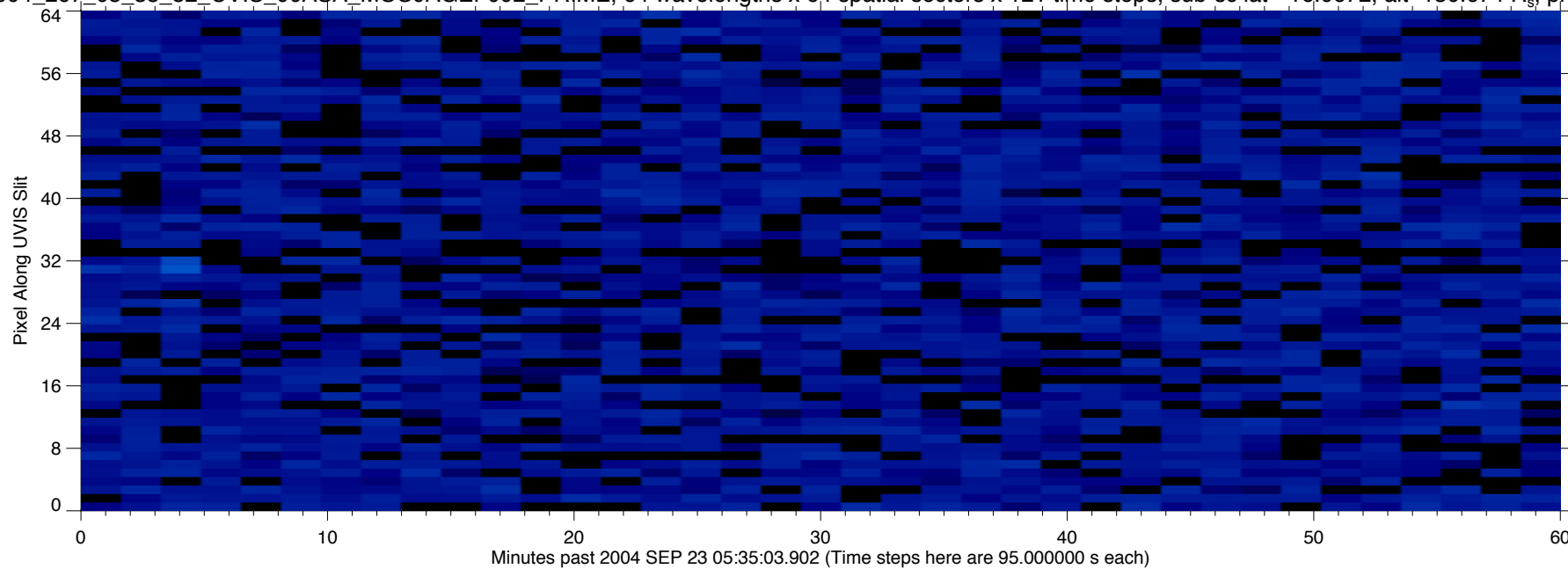
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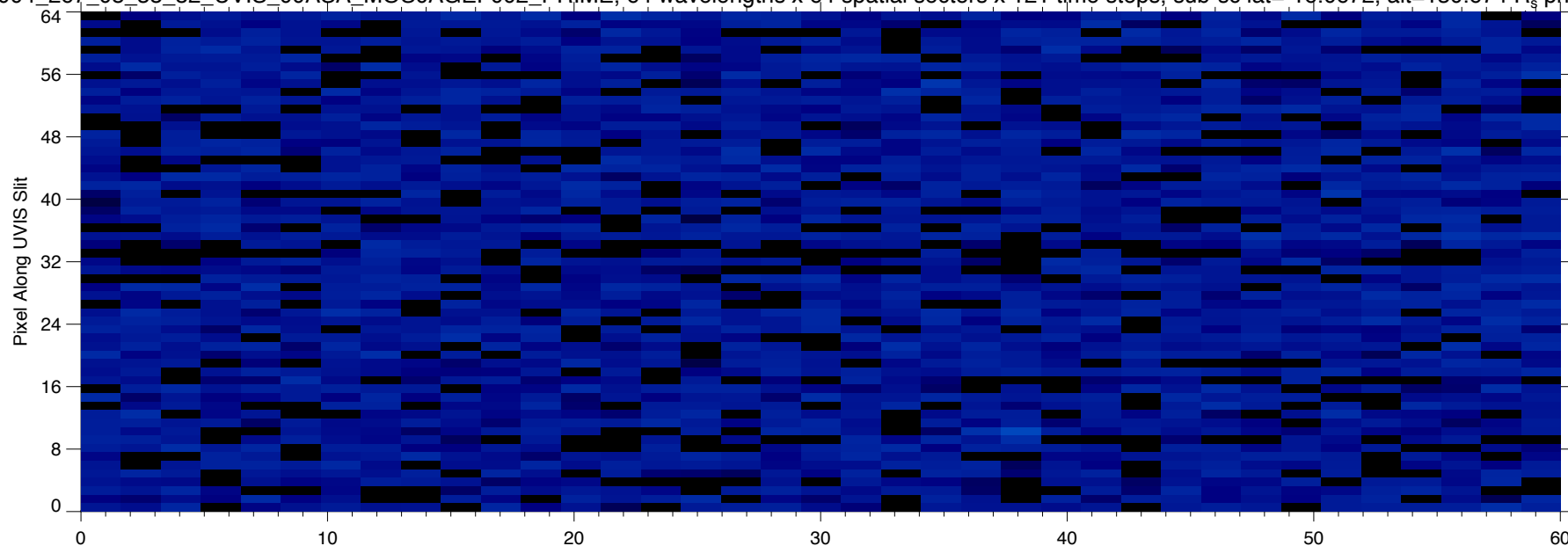
FUV2004_267_05_35_52_UVIS_00ASA_MOS0AGEF002_PRIME, 64 wavelengths x 64 spatial sectors x 121 time steps, sub-sc lat=-16.0672, alt=130.674 R_s, phase=78.5314



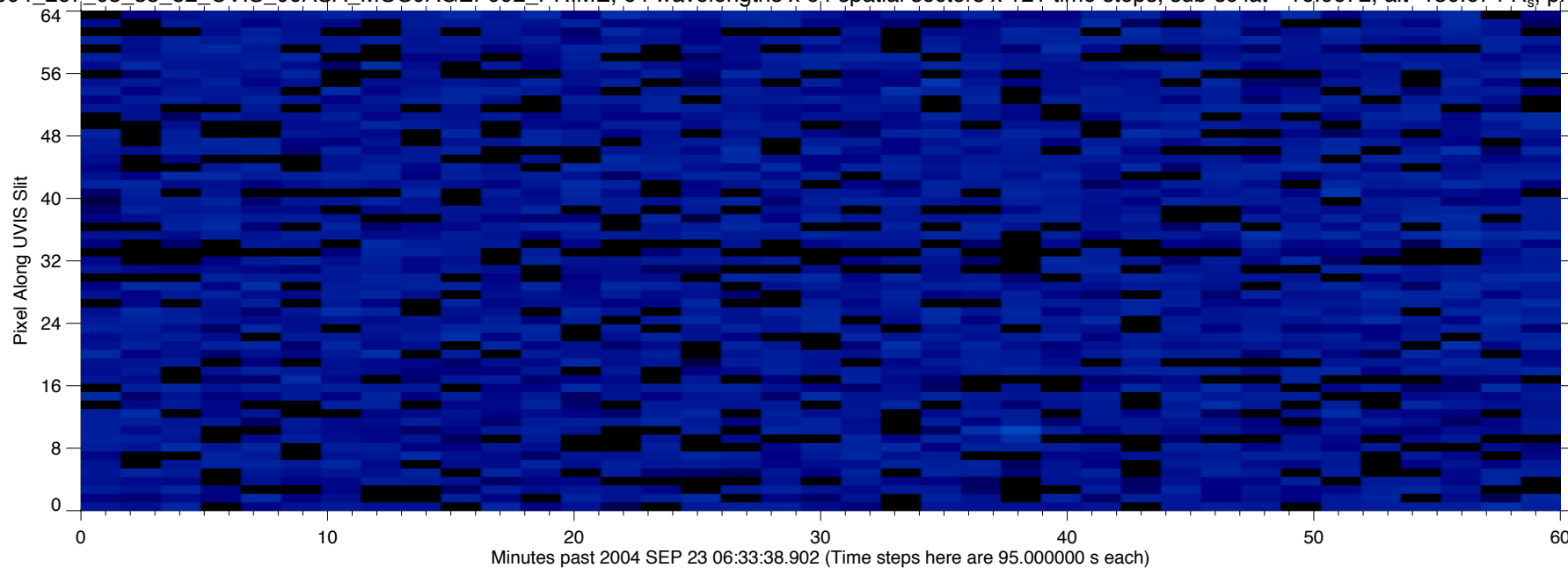
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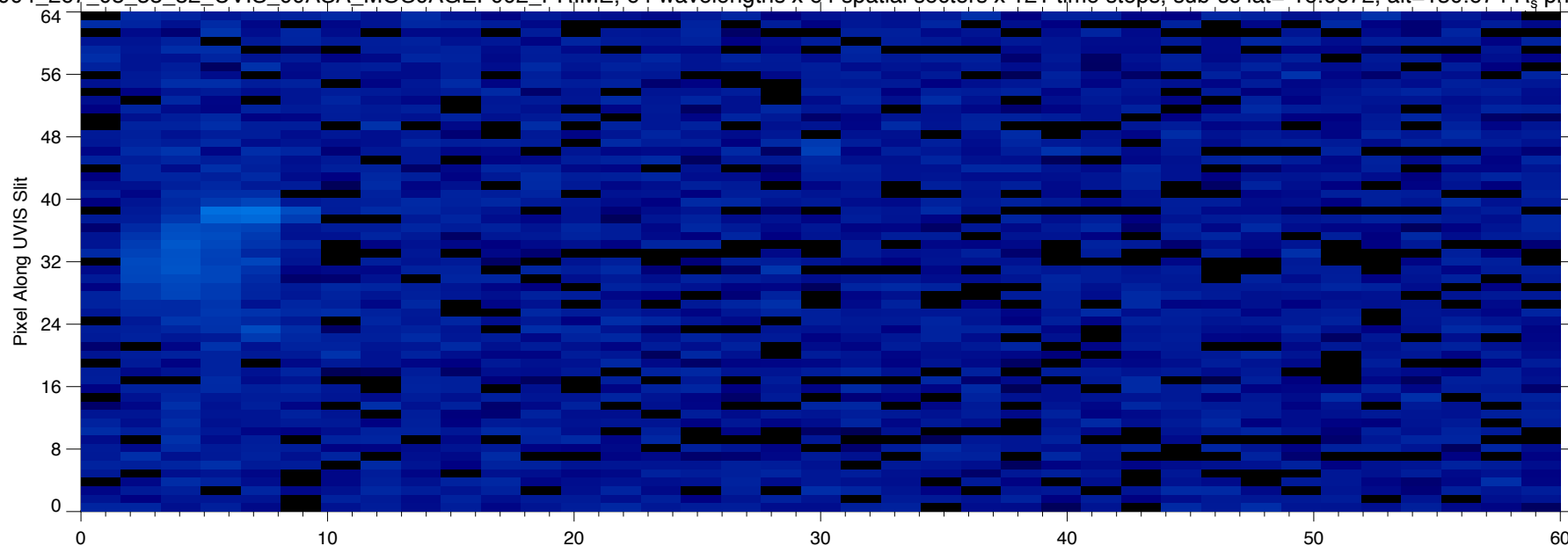
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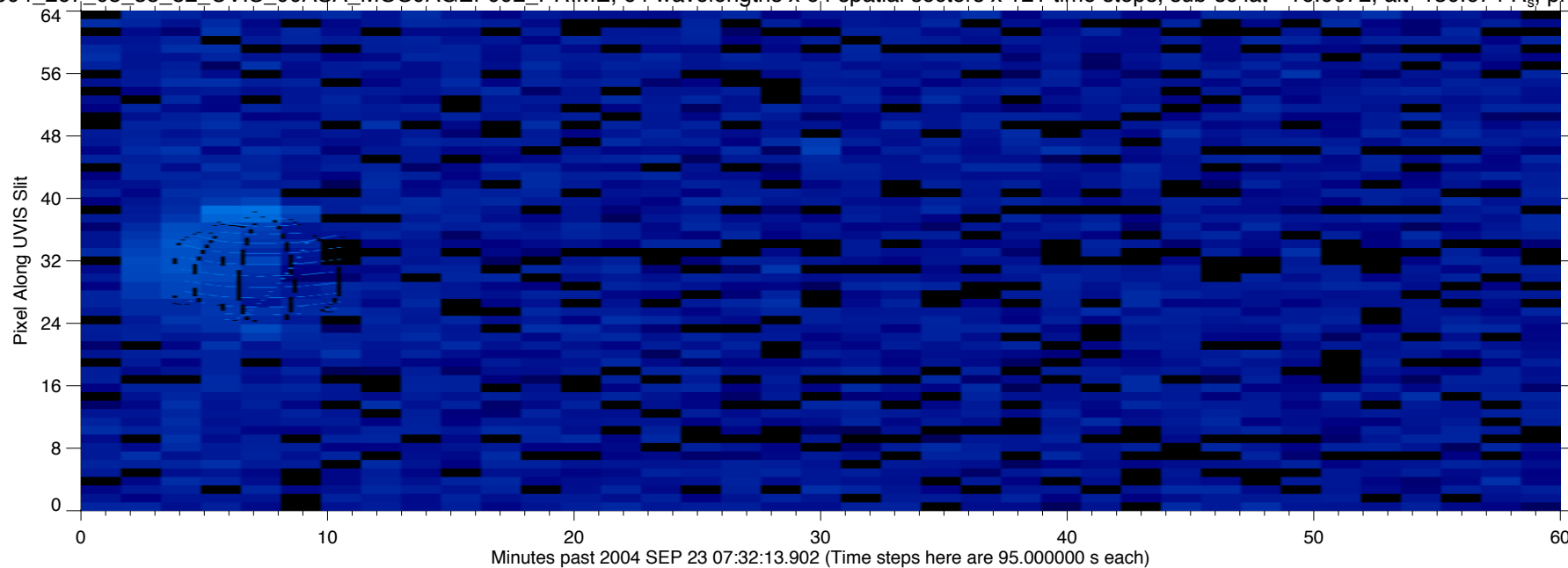
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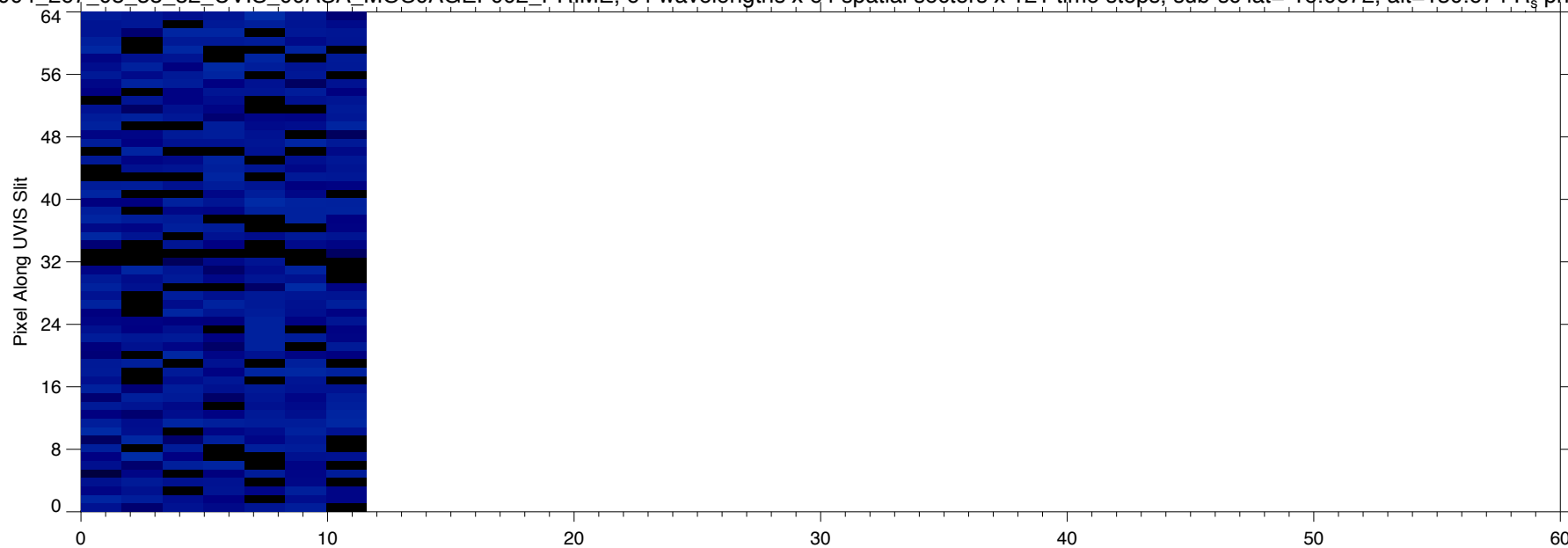
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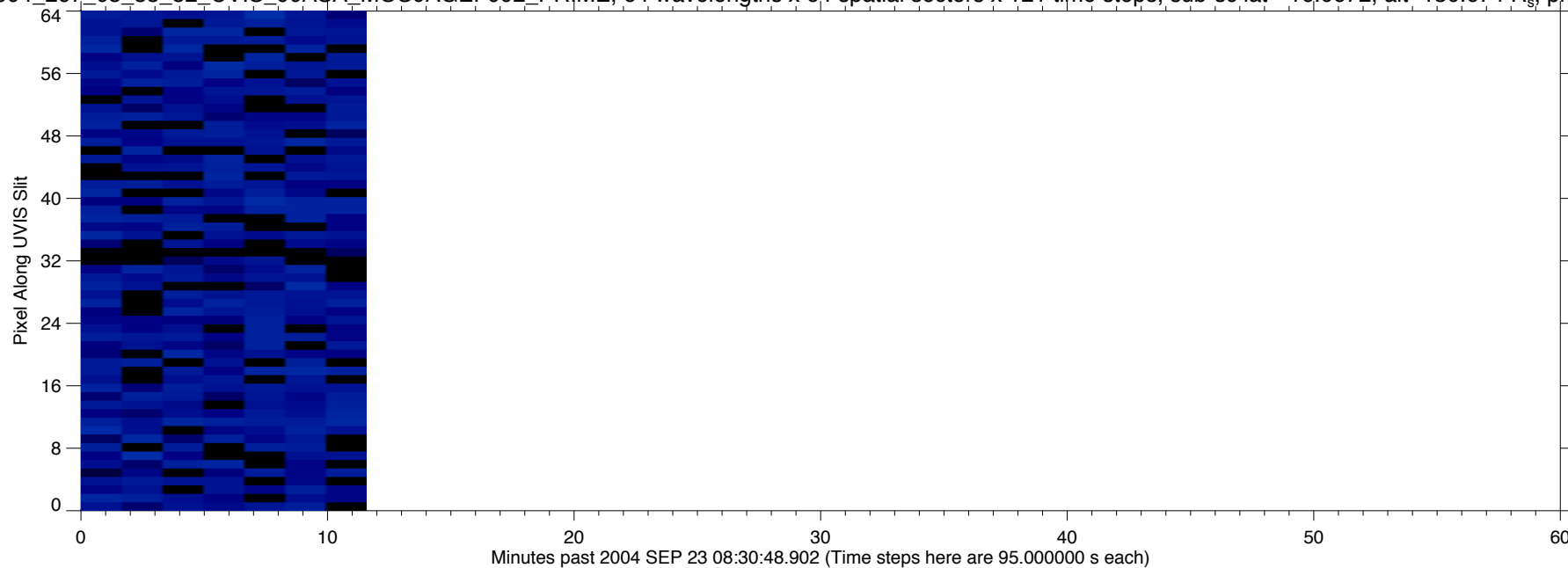
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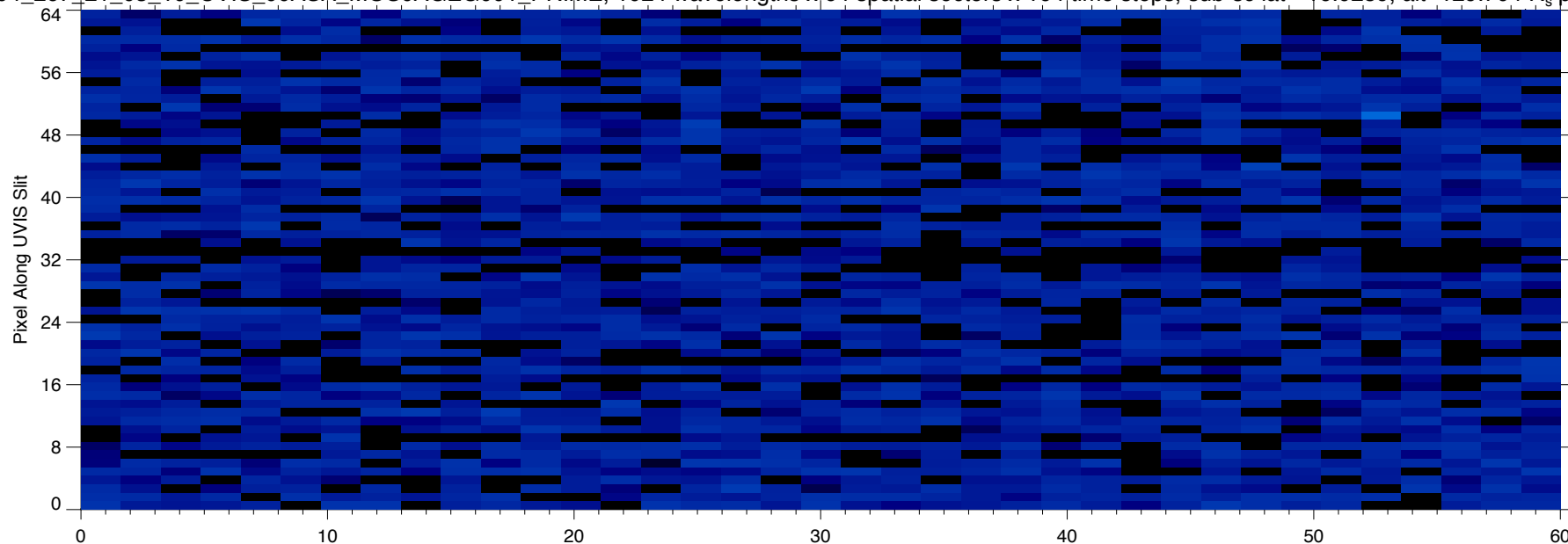
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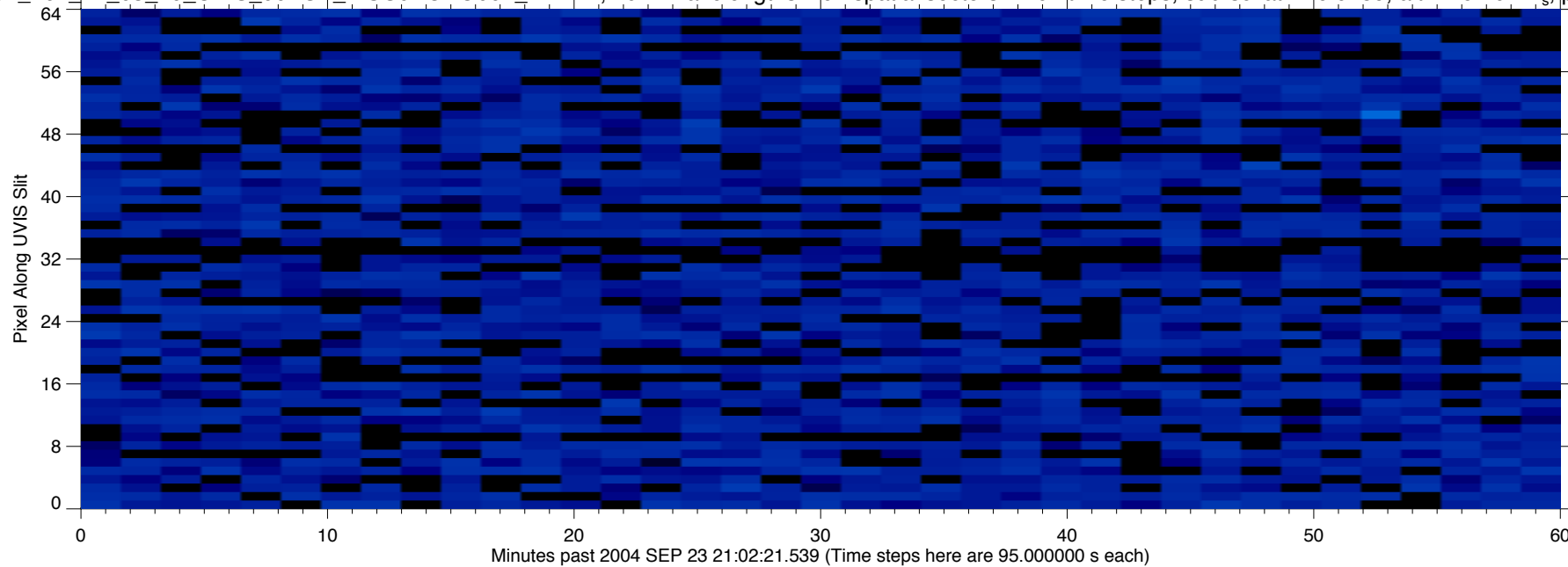
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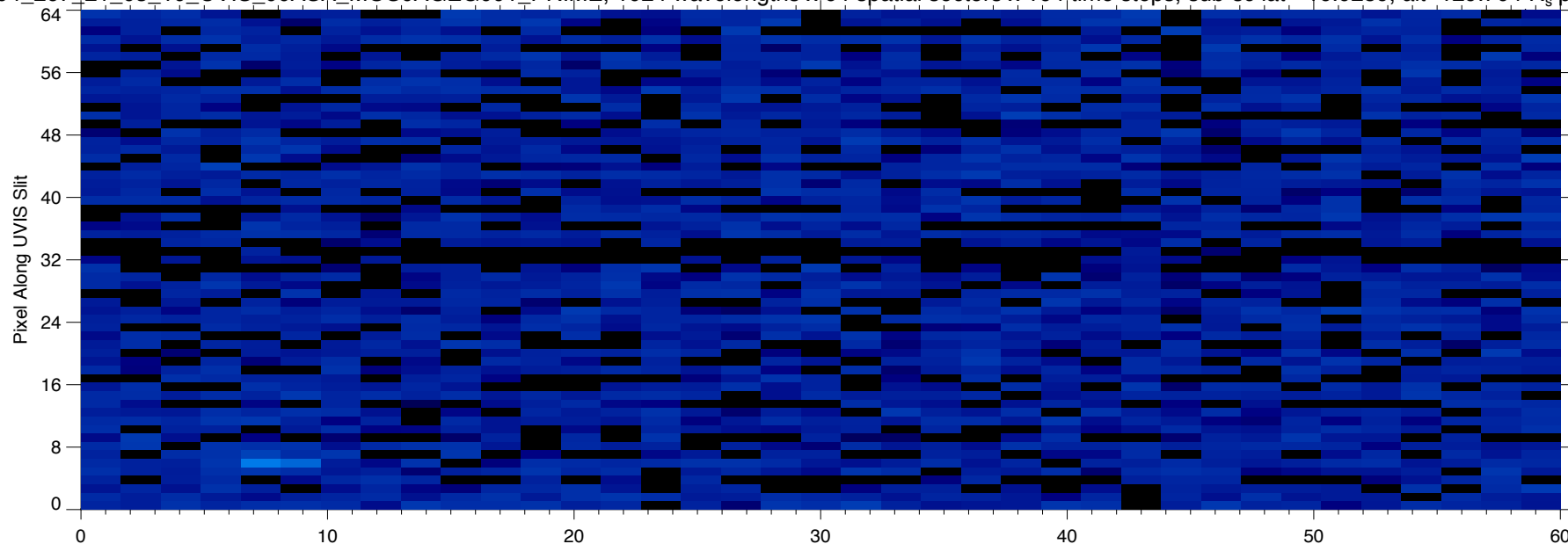
FUV2004_267_21_03_10_UVIS_00ASA_MOS0AGEG001_PRIME, 1024 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-16.0289, alt=129.704 R_s phase=78.2878



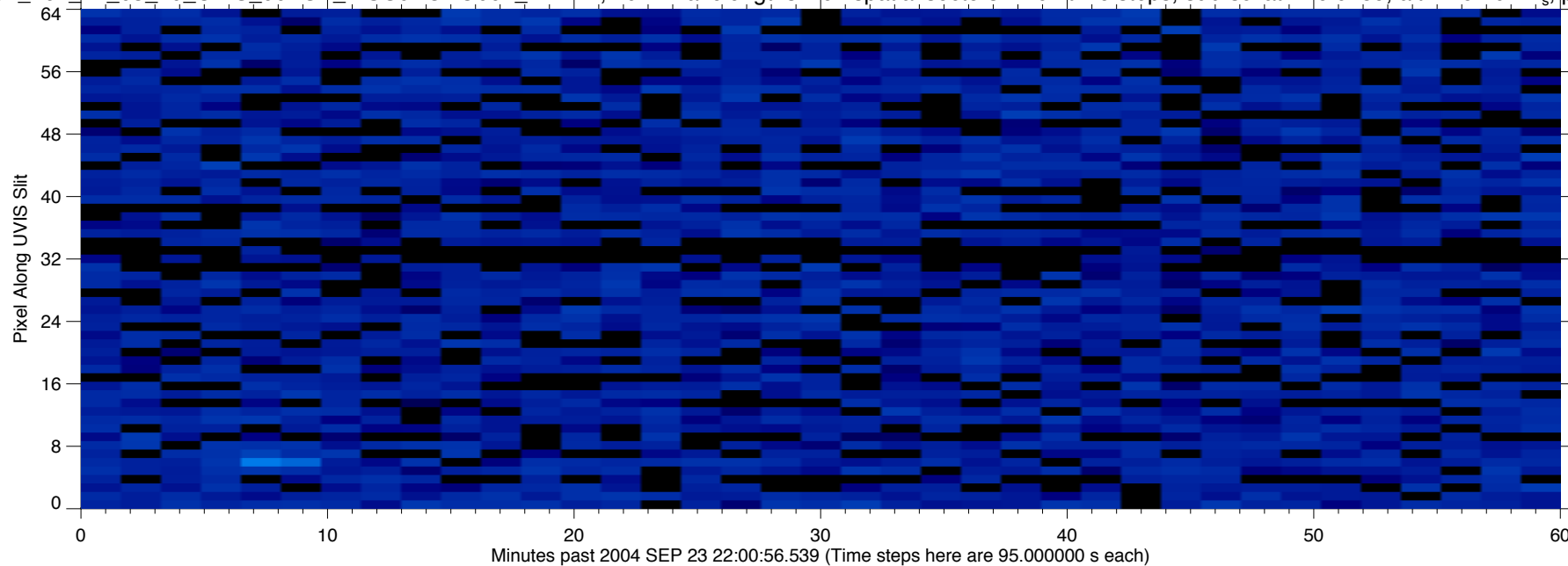
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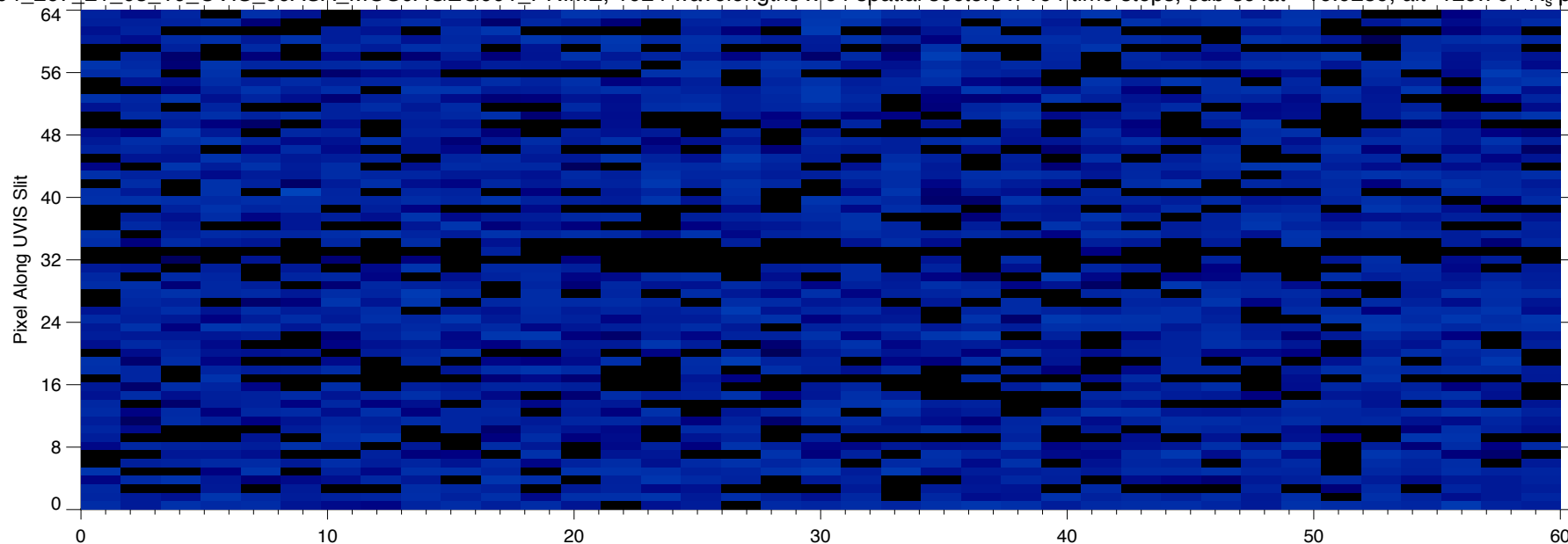
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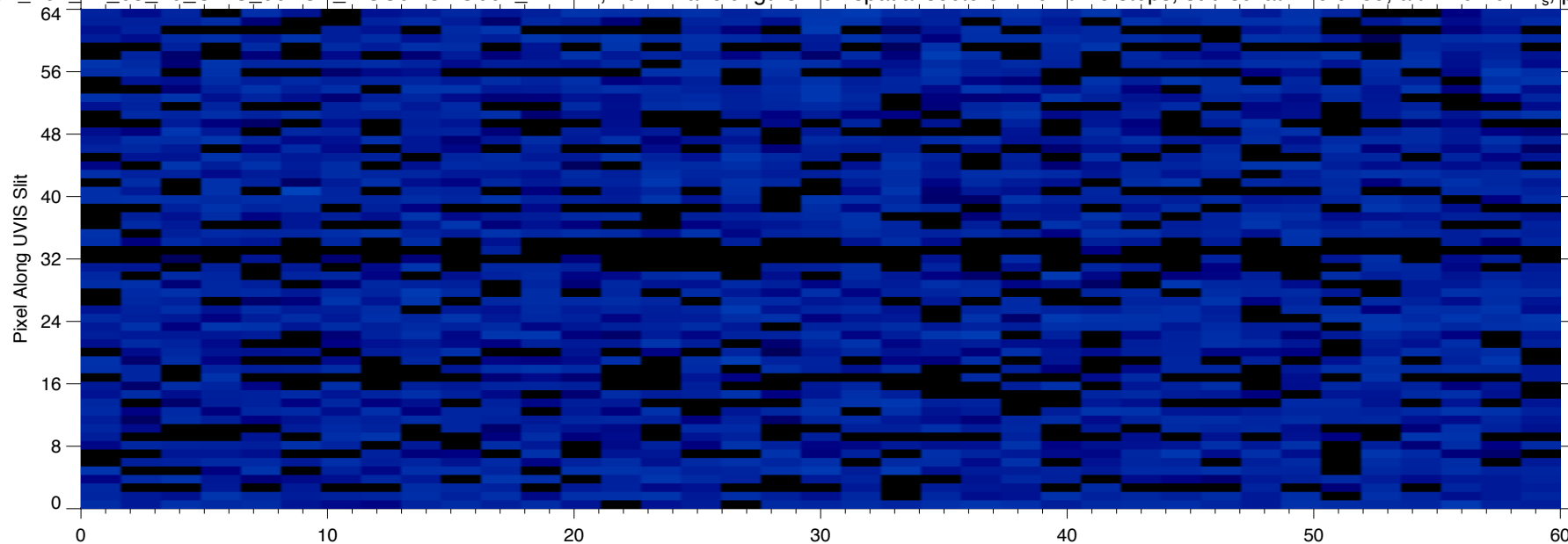
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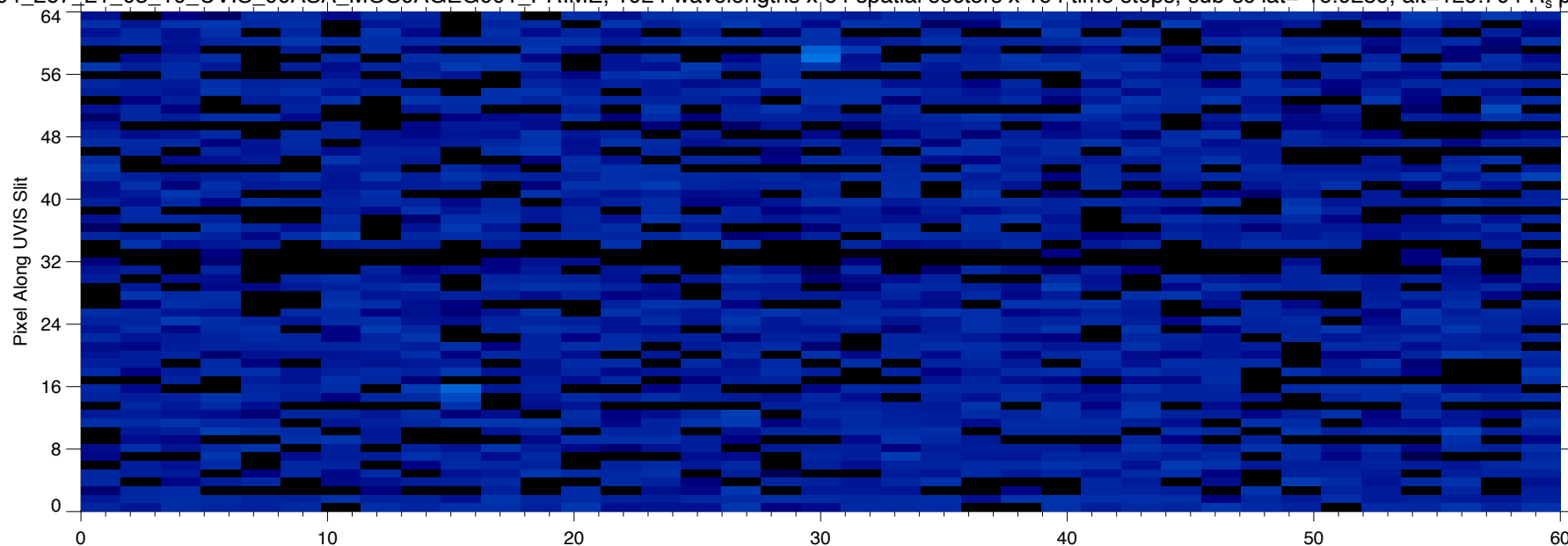
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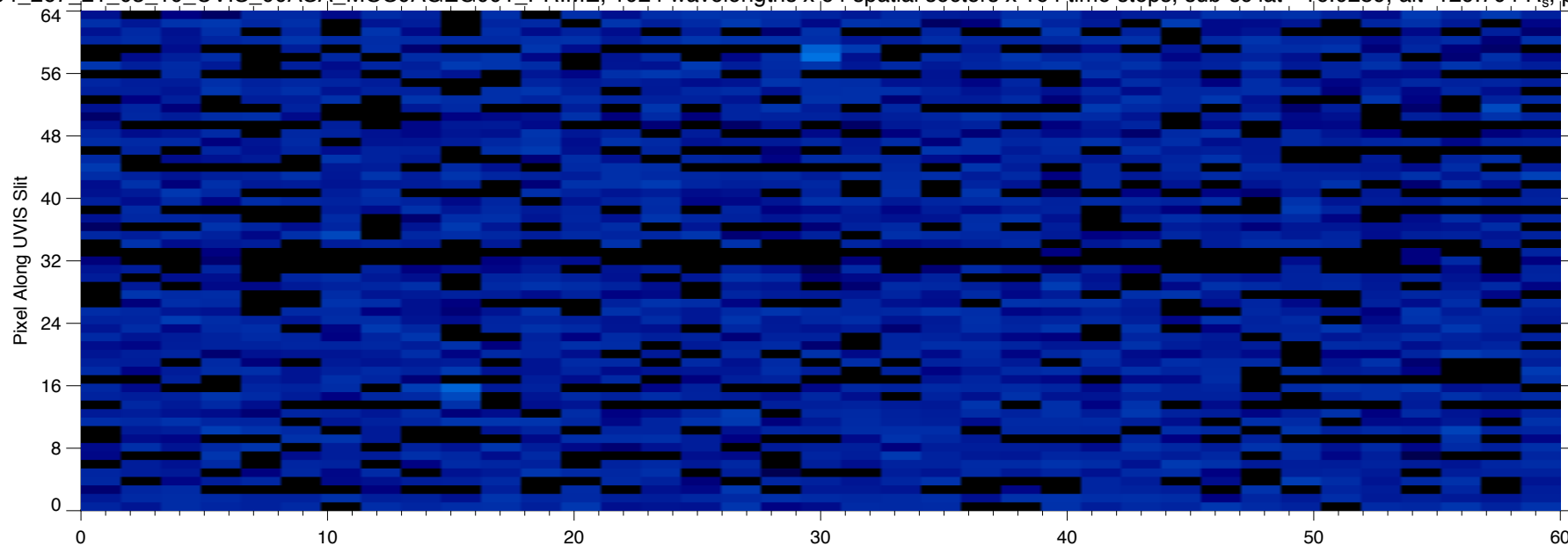
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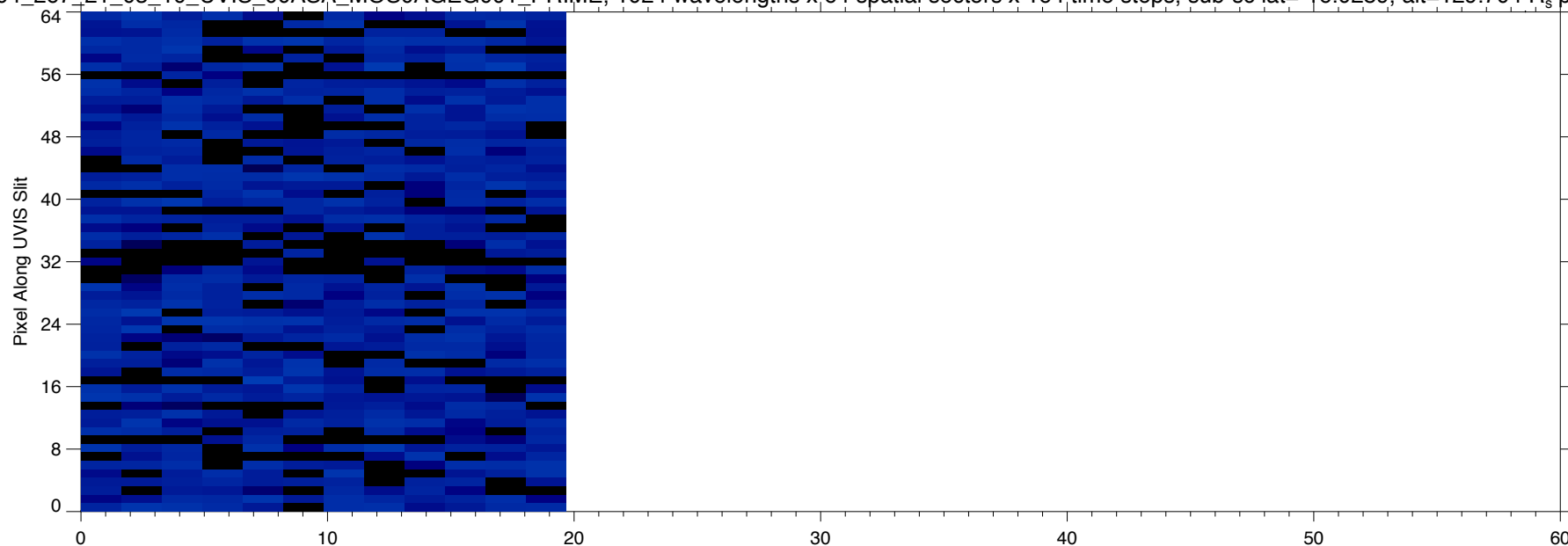
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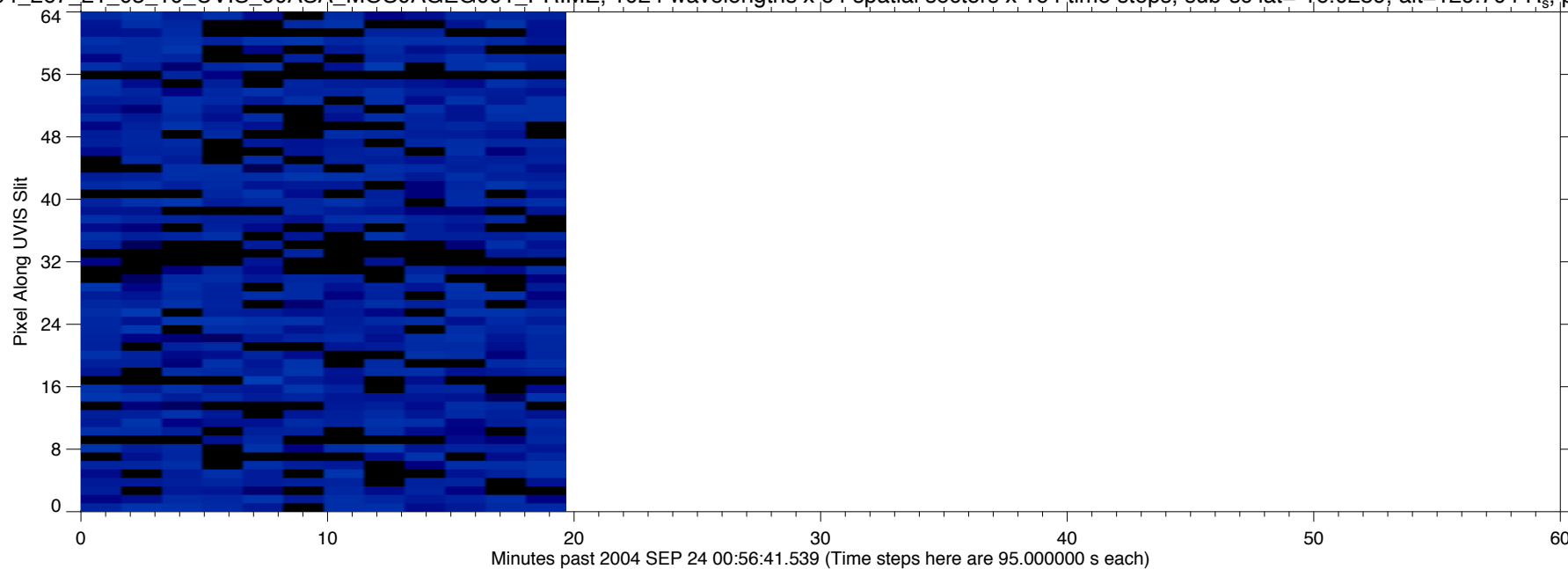
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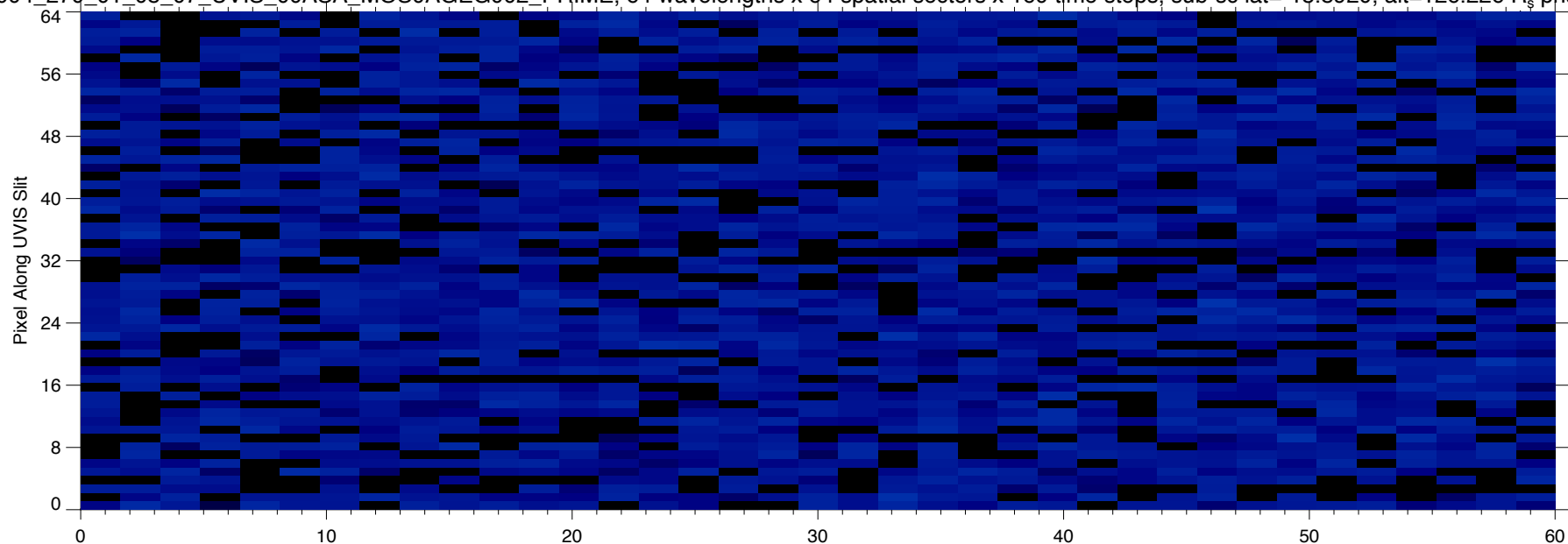
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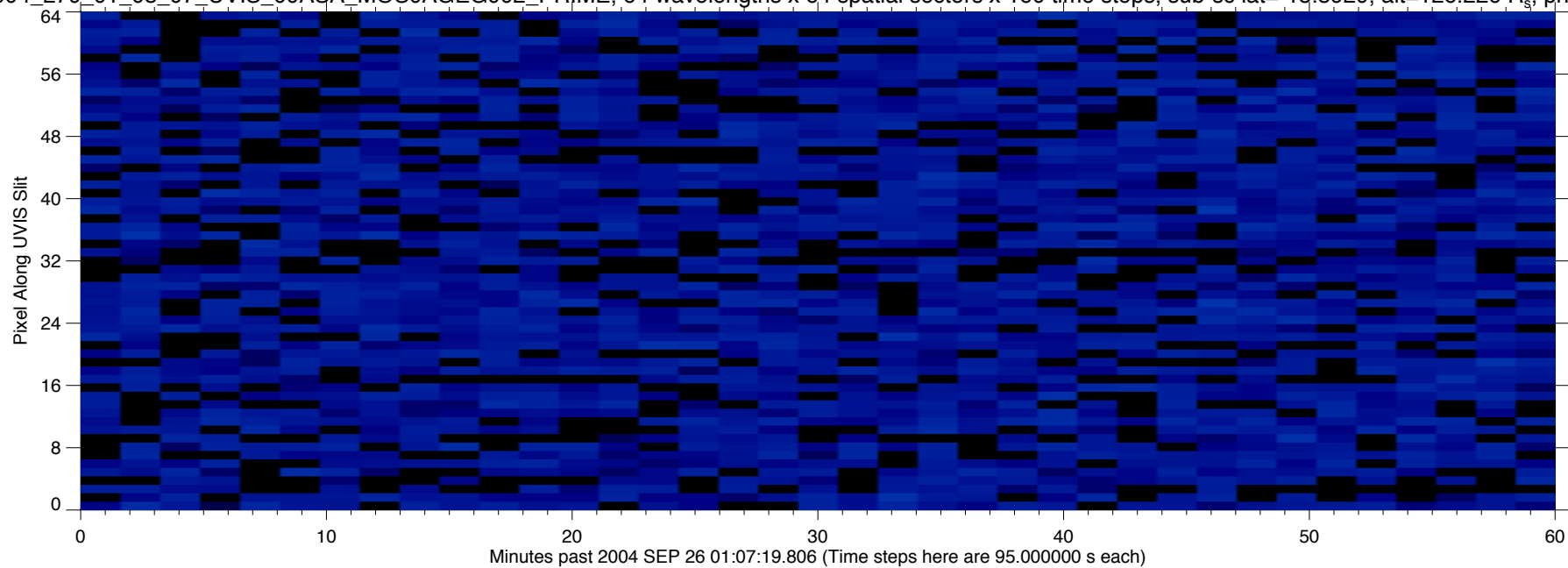
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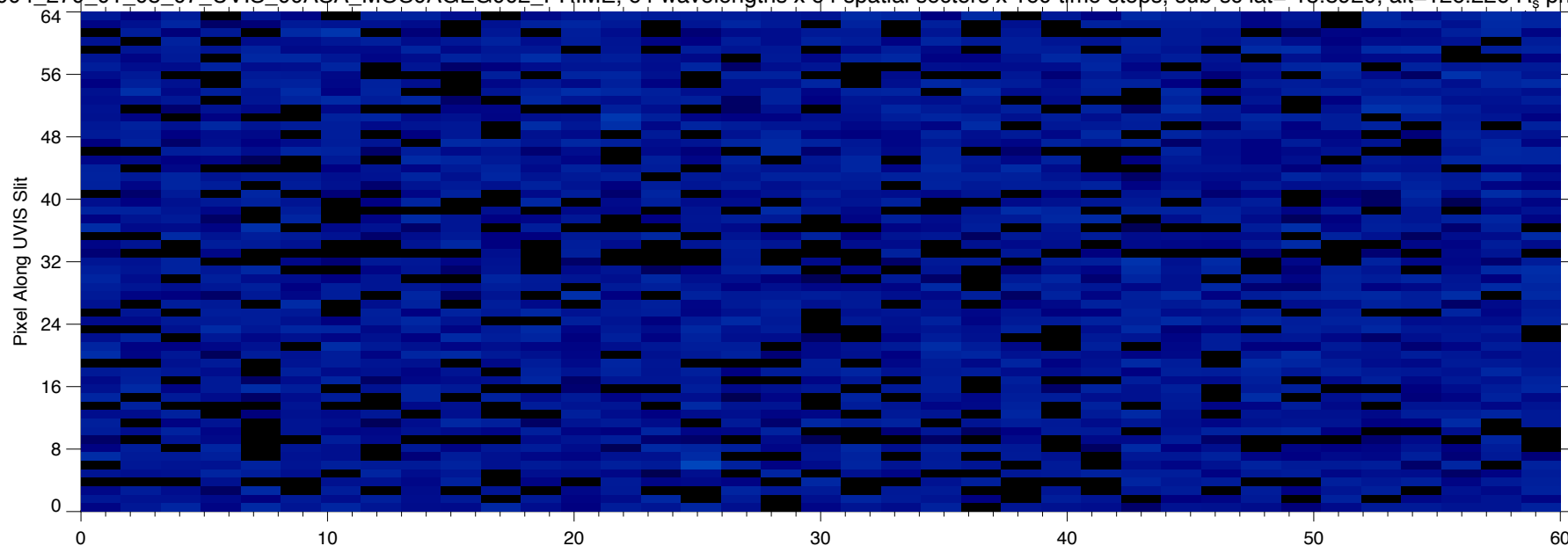
FUV2004_270_01_08_07_UVIS_00ASA_MOS0AGEG002_PRIME, 64 wavelengths x 64 spatial sectors x 160 time steps, sub-sc lat=-15.8920, alt=126.226 R_s, phase=77.4373



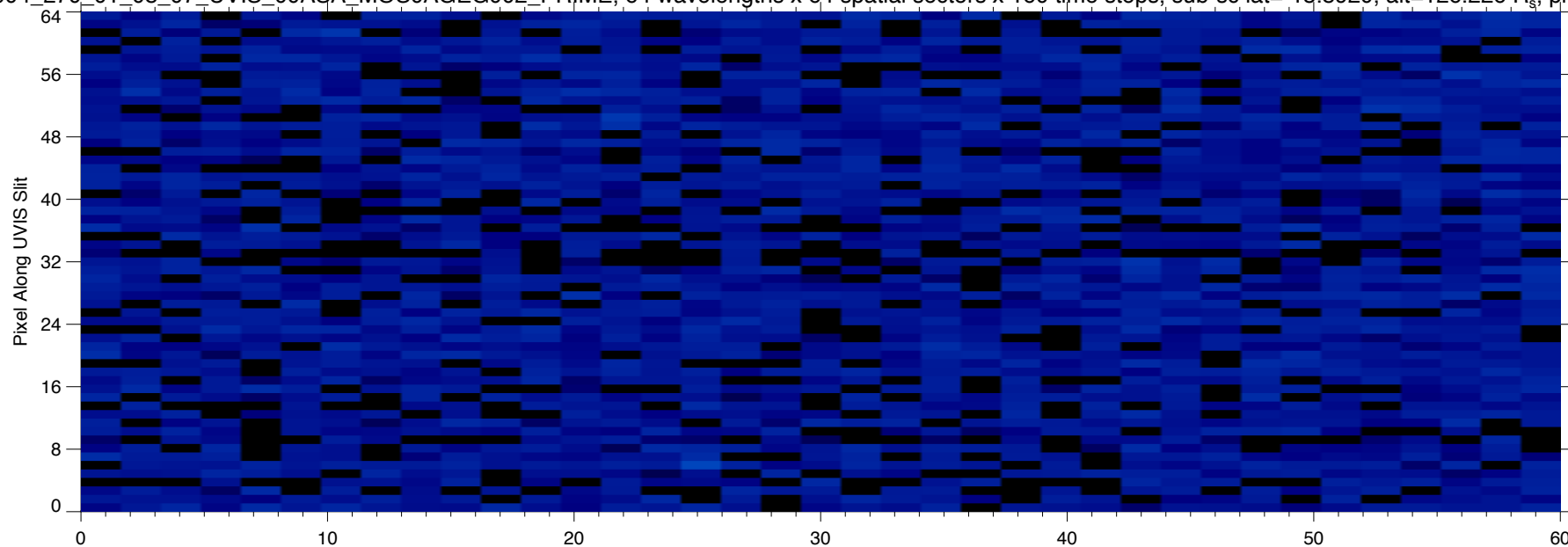
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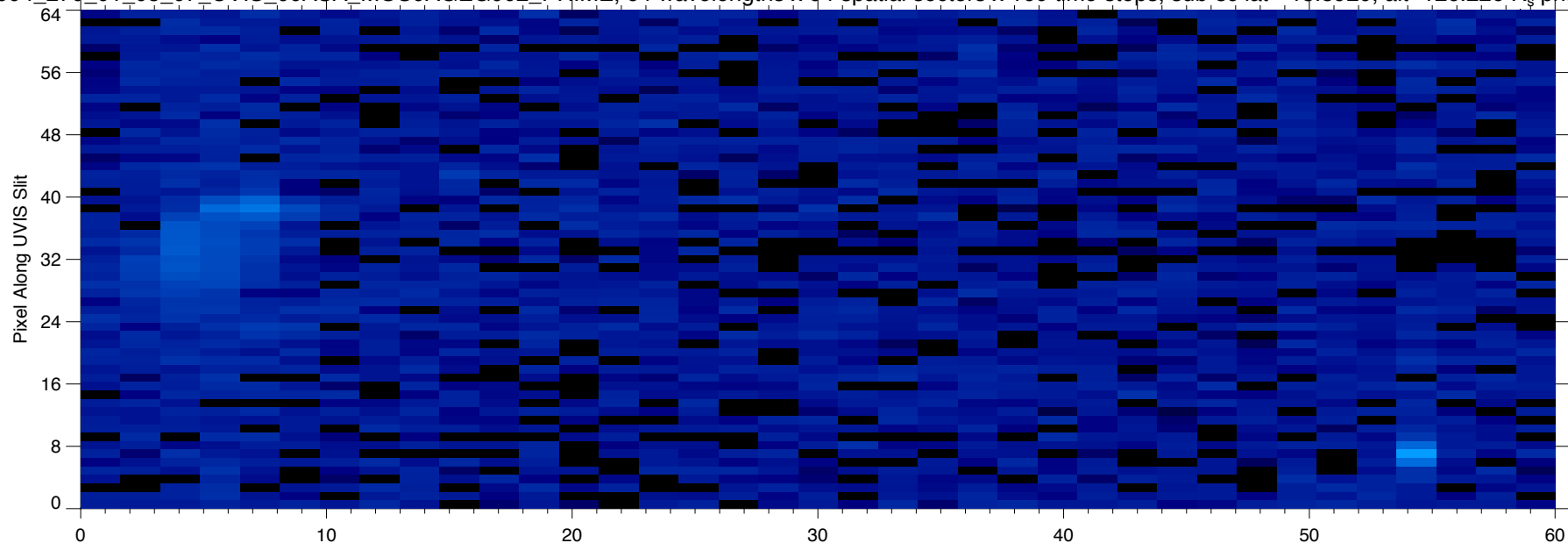
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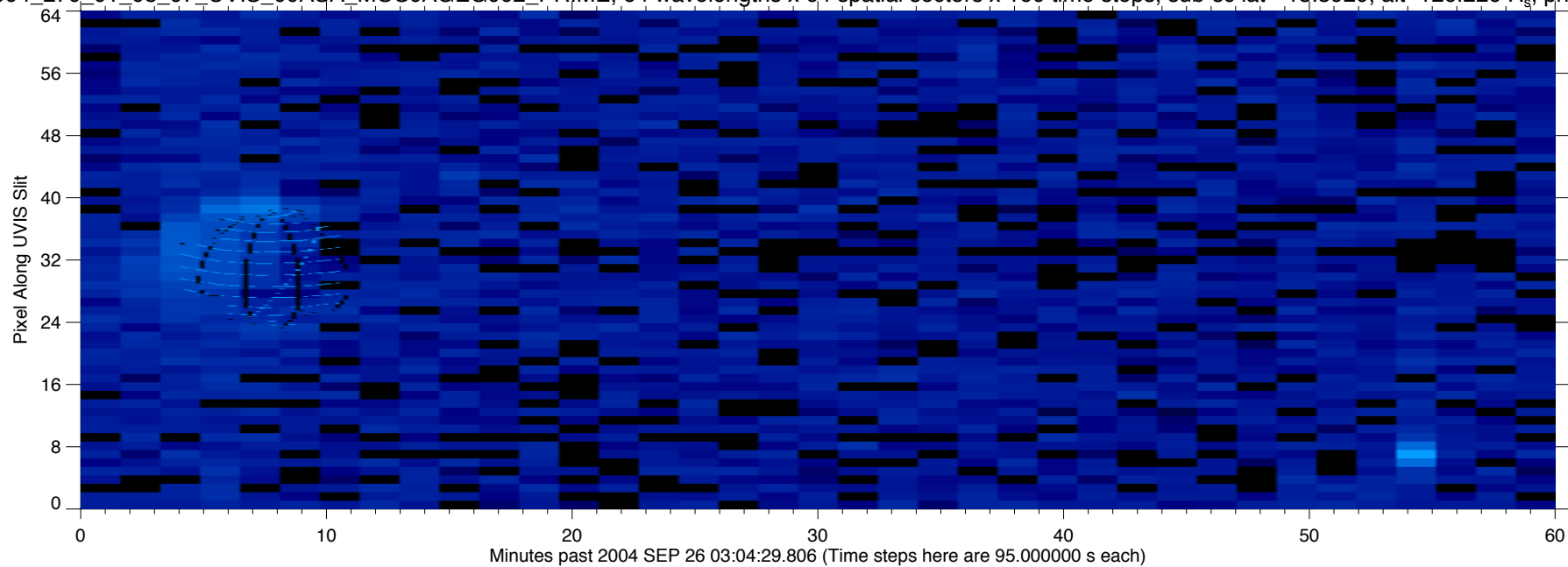
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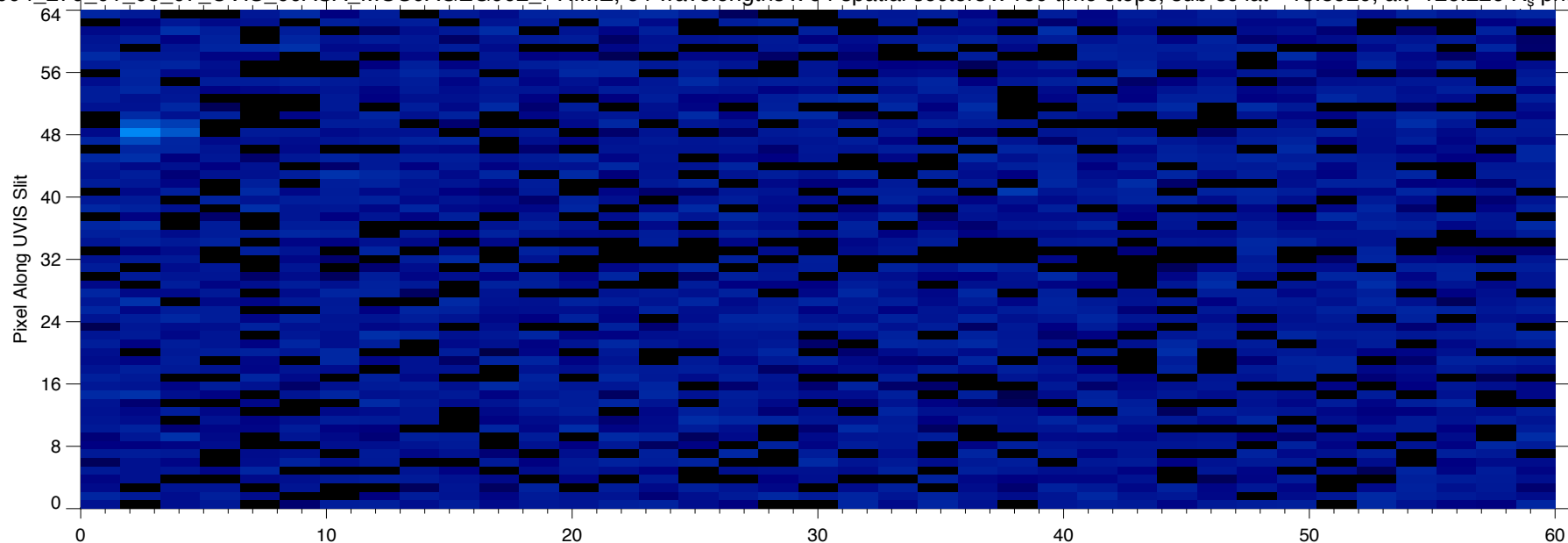
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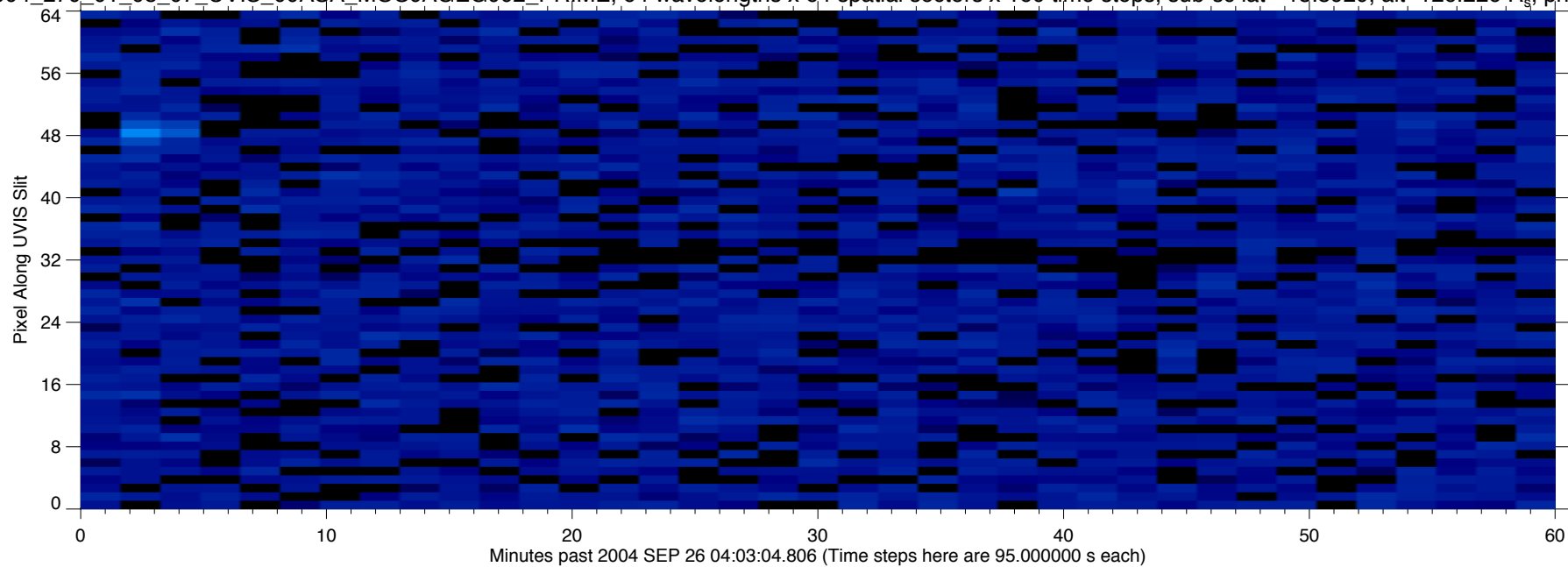
FUV2004_270_01_08_07_UVIS_00ASA_MOS0AGEG002_PRIME, 64 wavelengths x 64 spatial sectors x 160 time steps, sub-sc lat=-15.8920, alt=126.226 R_s phase=77.4373



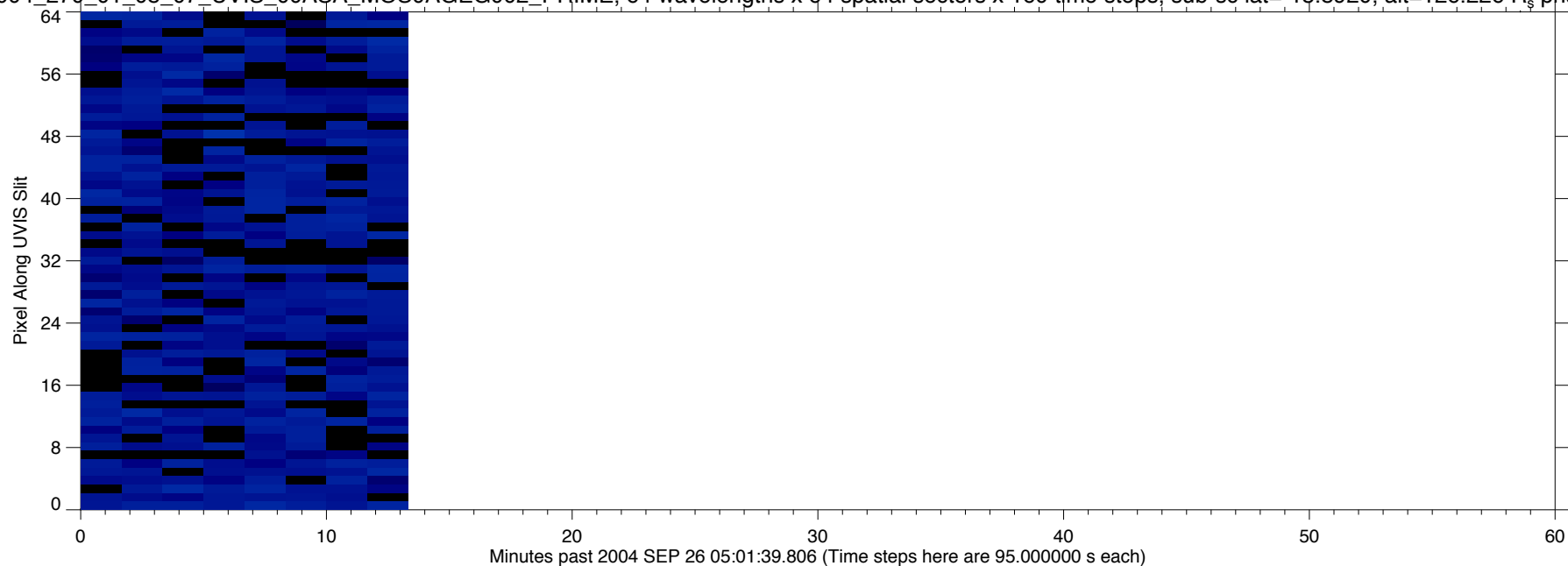
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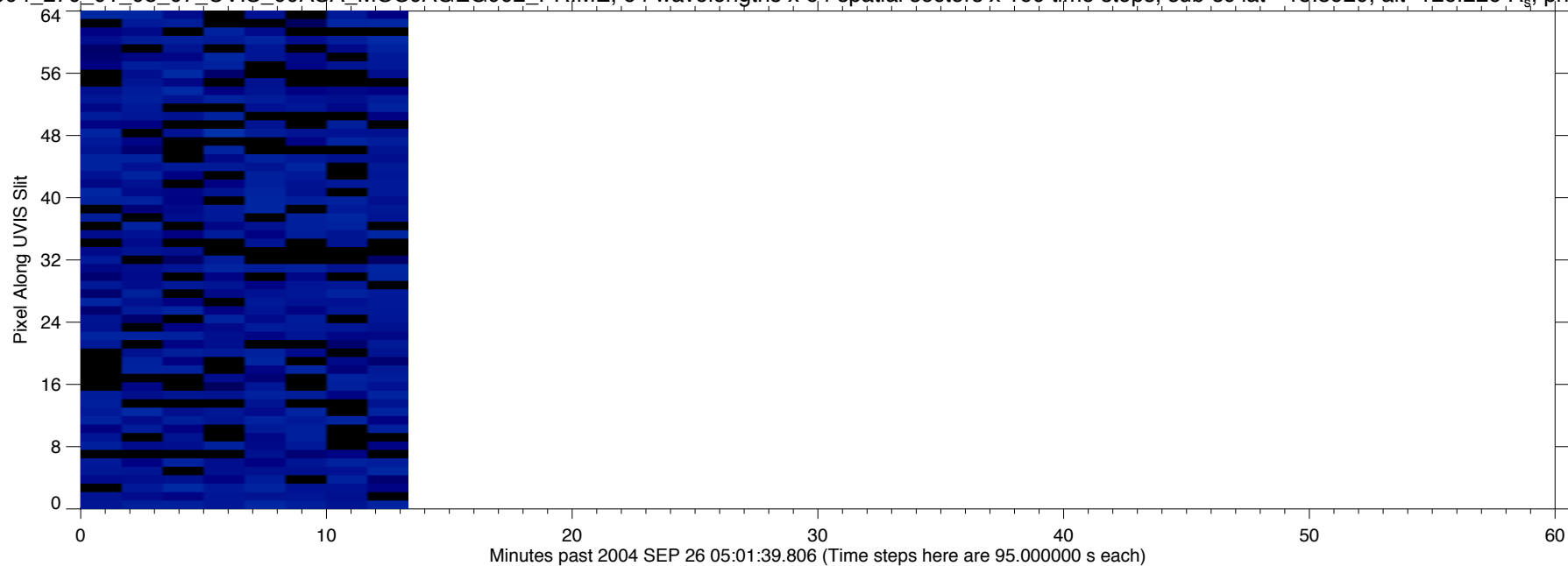
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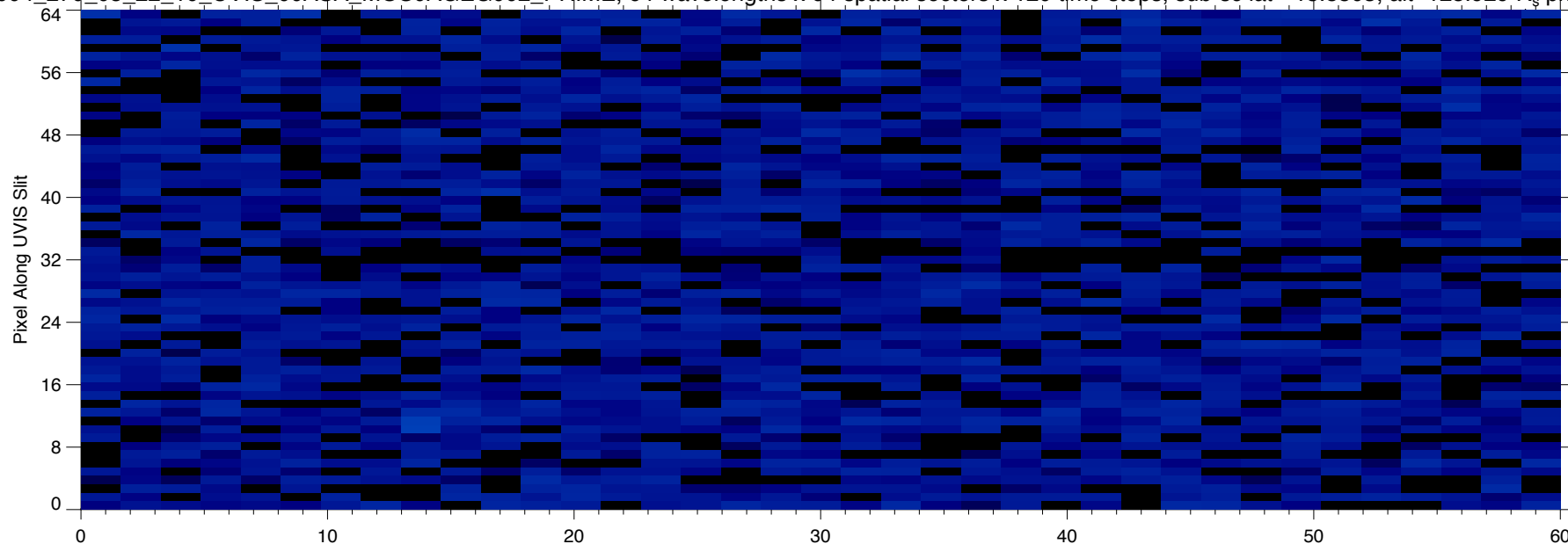
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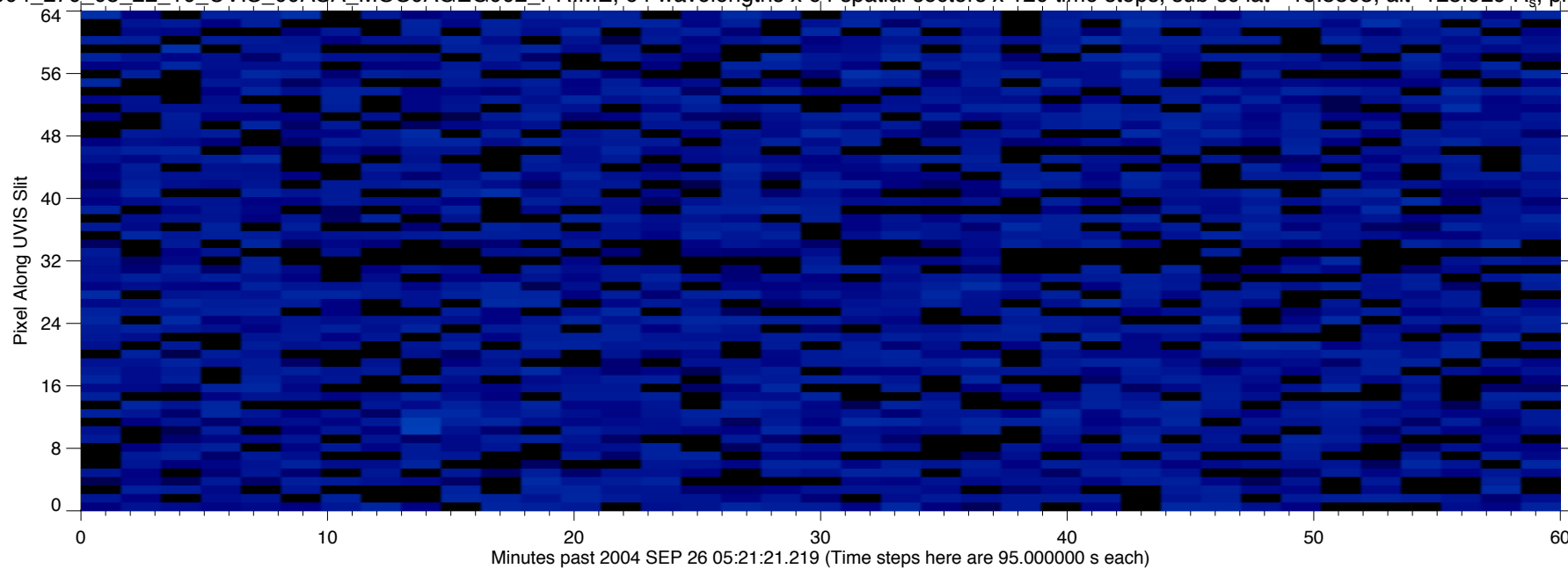
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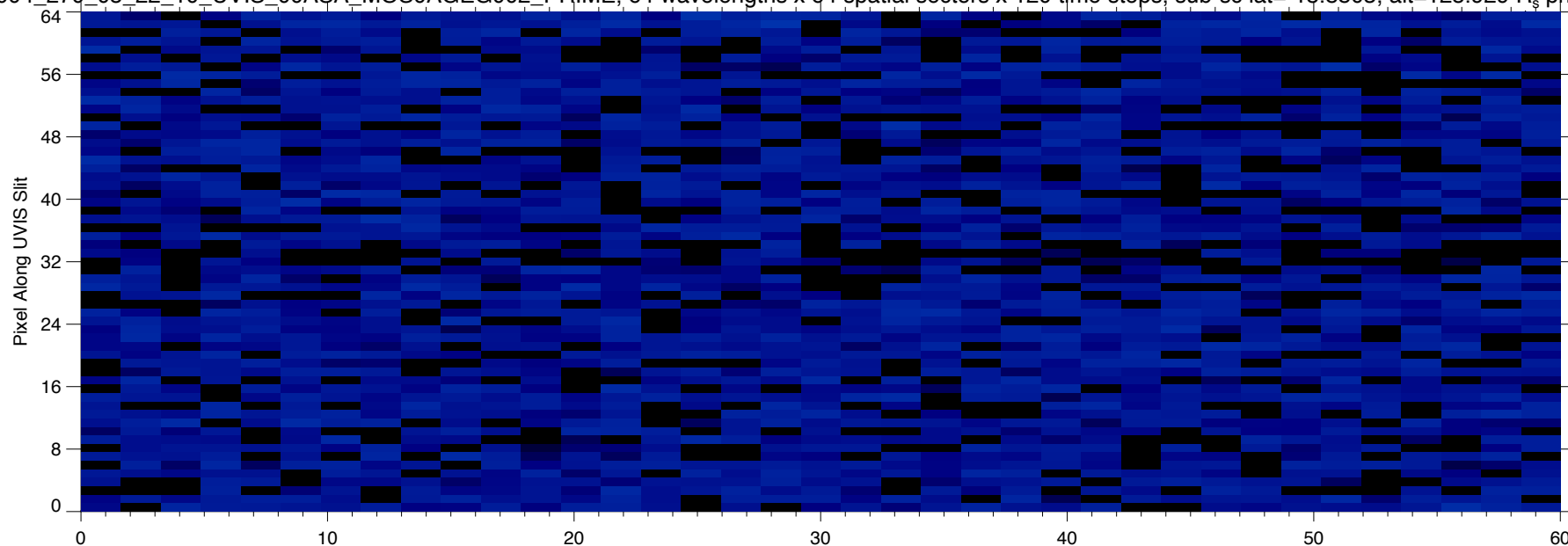
FUV2004_270_05_22_10_UVIS_00ASA_MOS0AGEG002_PRIME, 64 wavelengths x 64 spatial sectors x 120 time steps, sub-sc lat=-15.8803, alt=125.929 R_s phase=77.3659



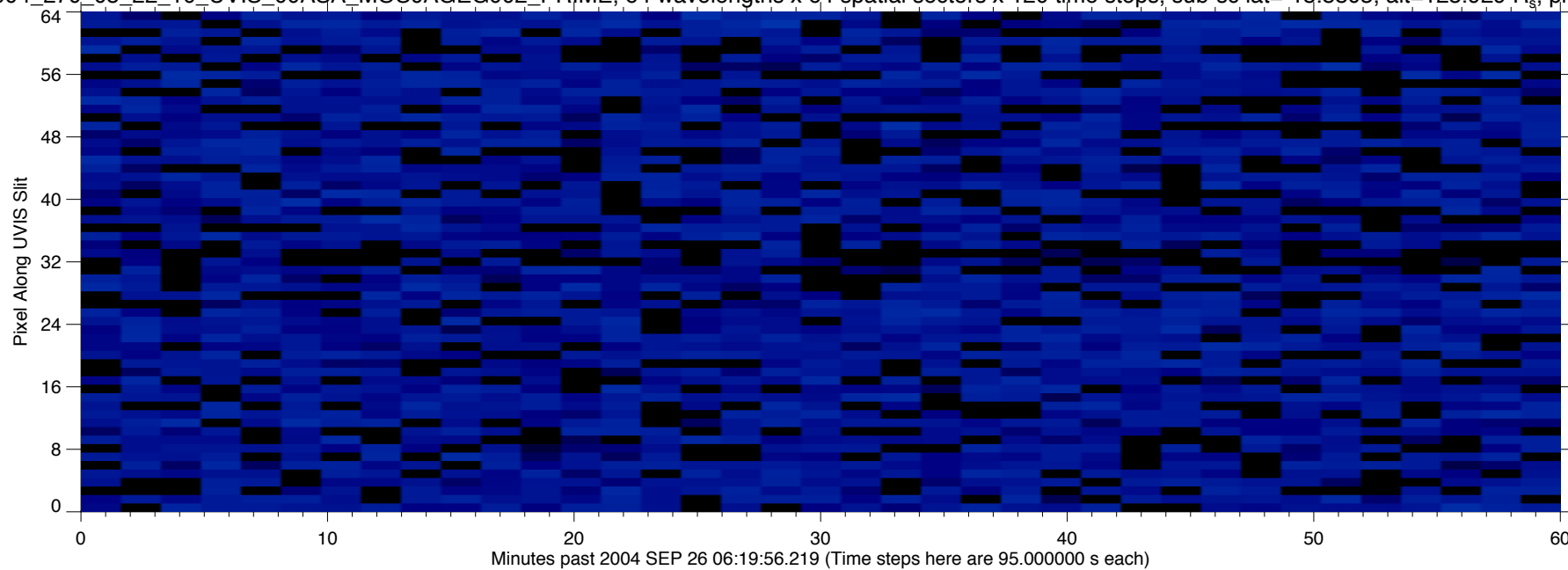
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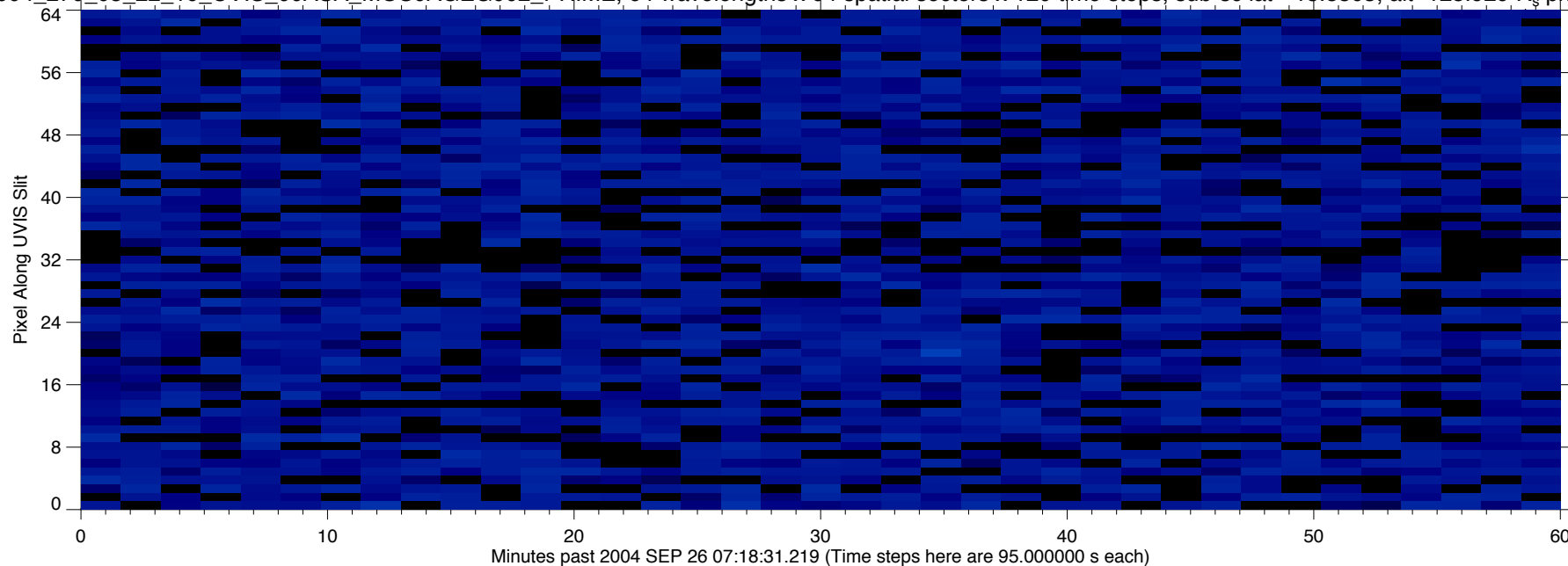
FUV2004_270_05_22_10_UVIS_00A $\text{\AA}$ _MOS0AGEG002_PRIME, 64 wavelengths x 64 spatial sectors x 120 time steps, sub-sc lat=-15.8803, alt=125.929 R_s, phase=77.3659



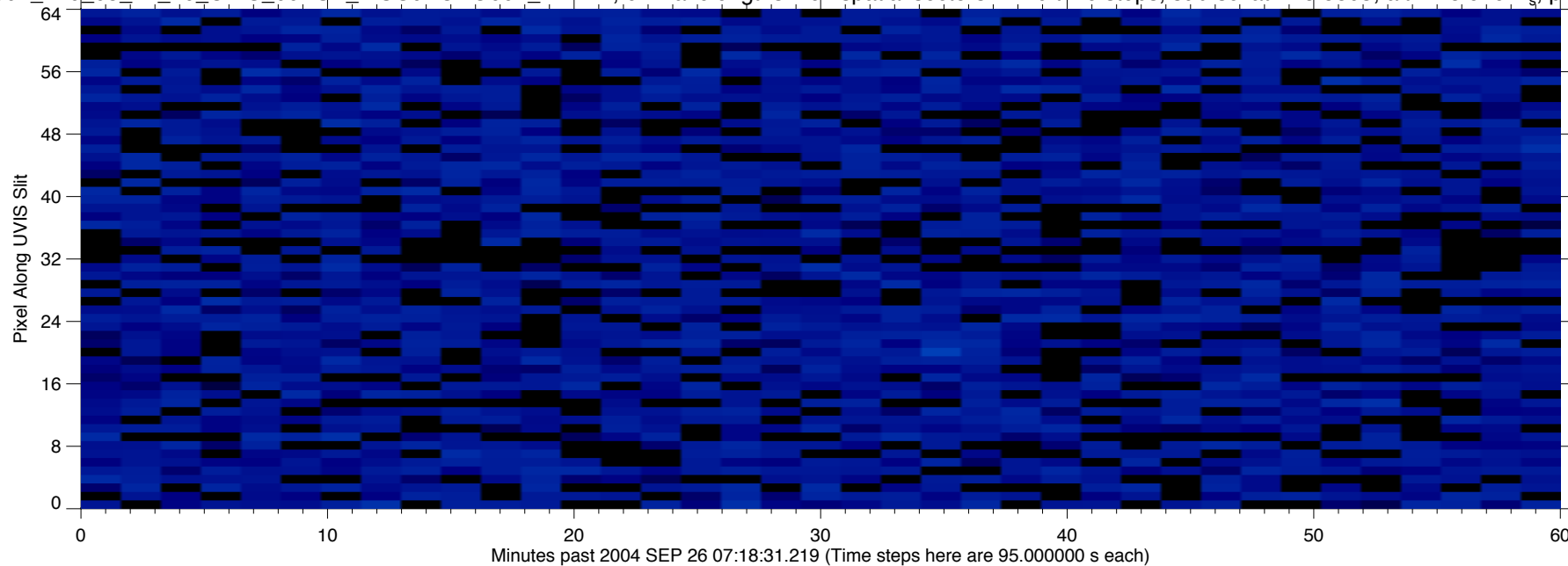
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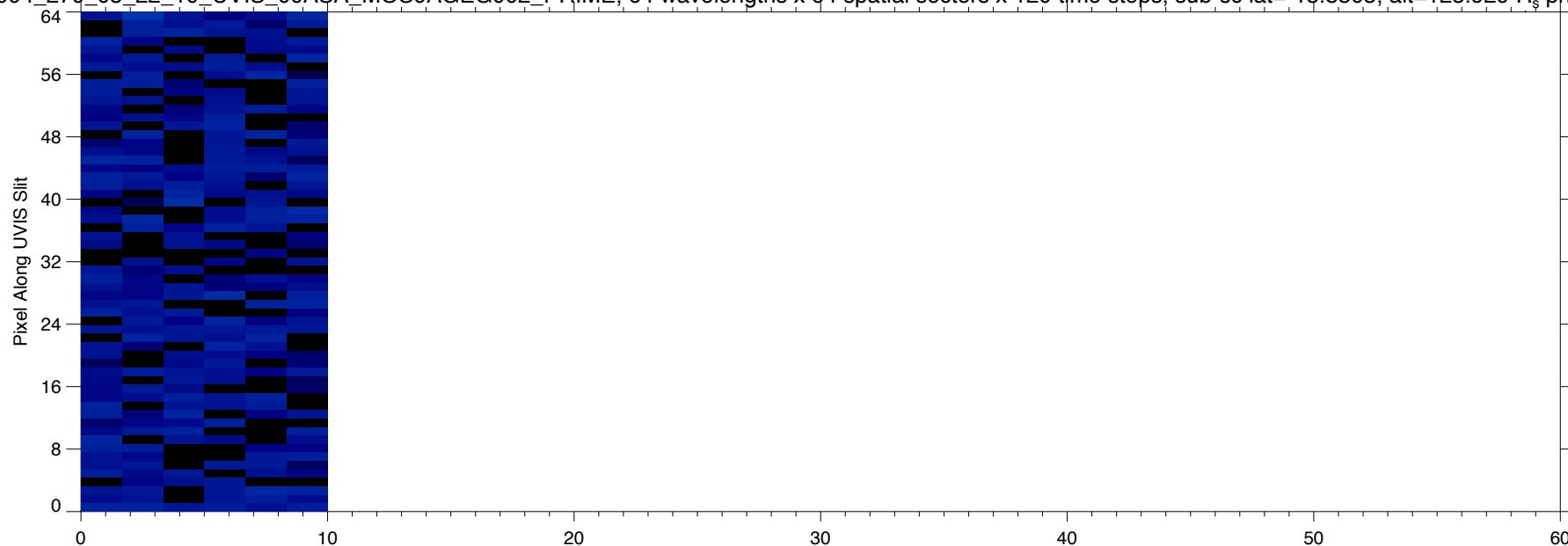
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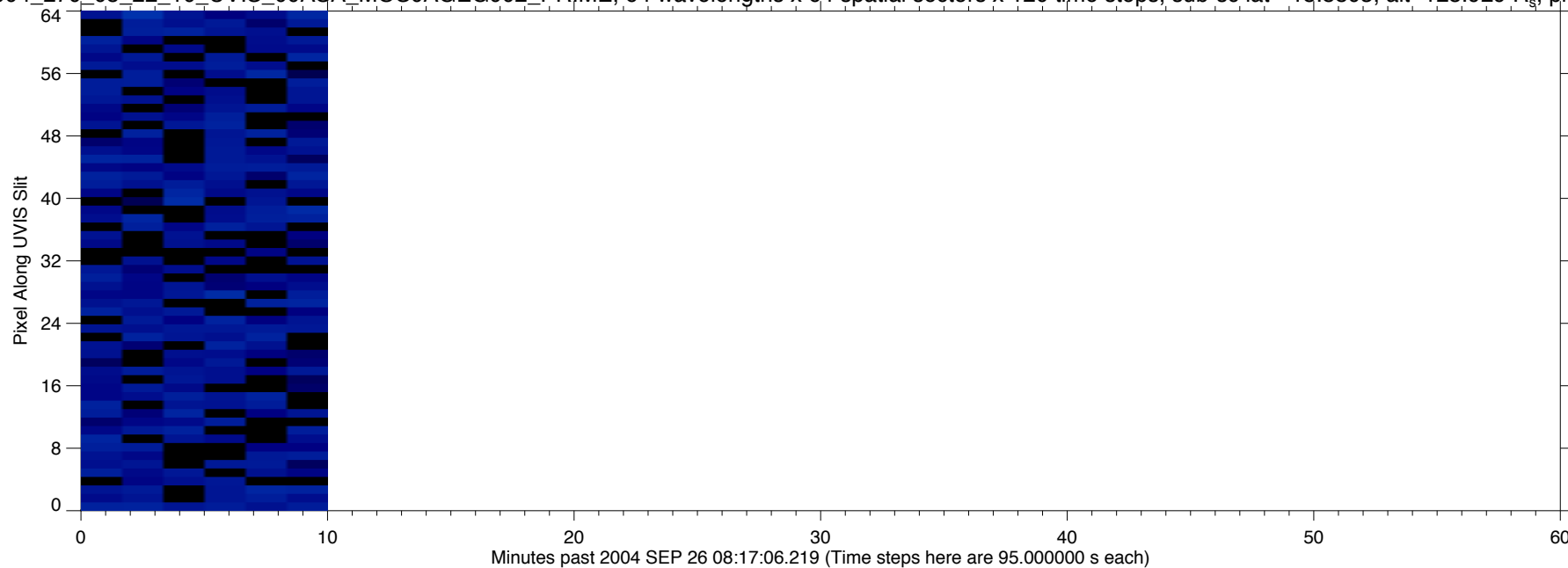
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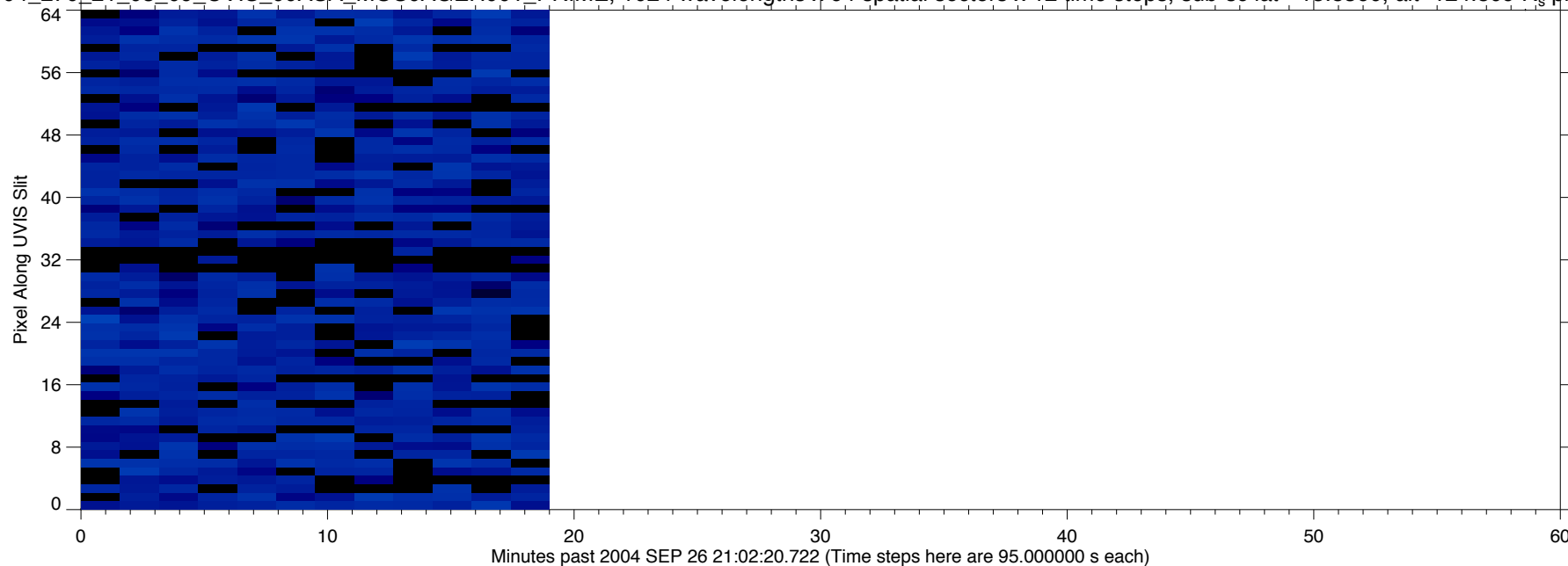
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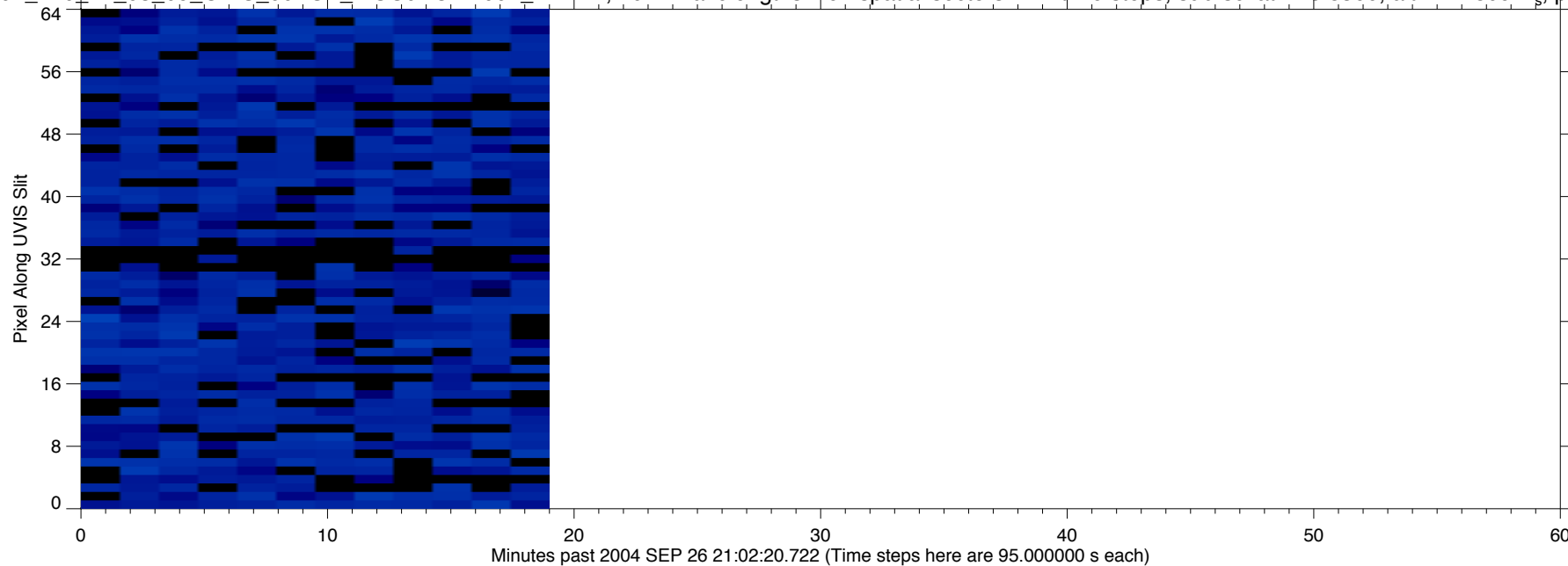
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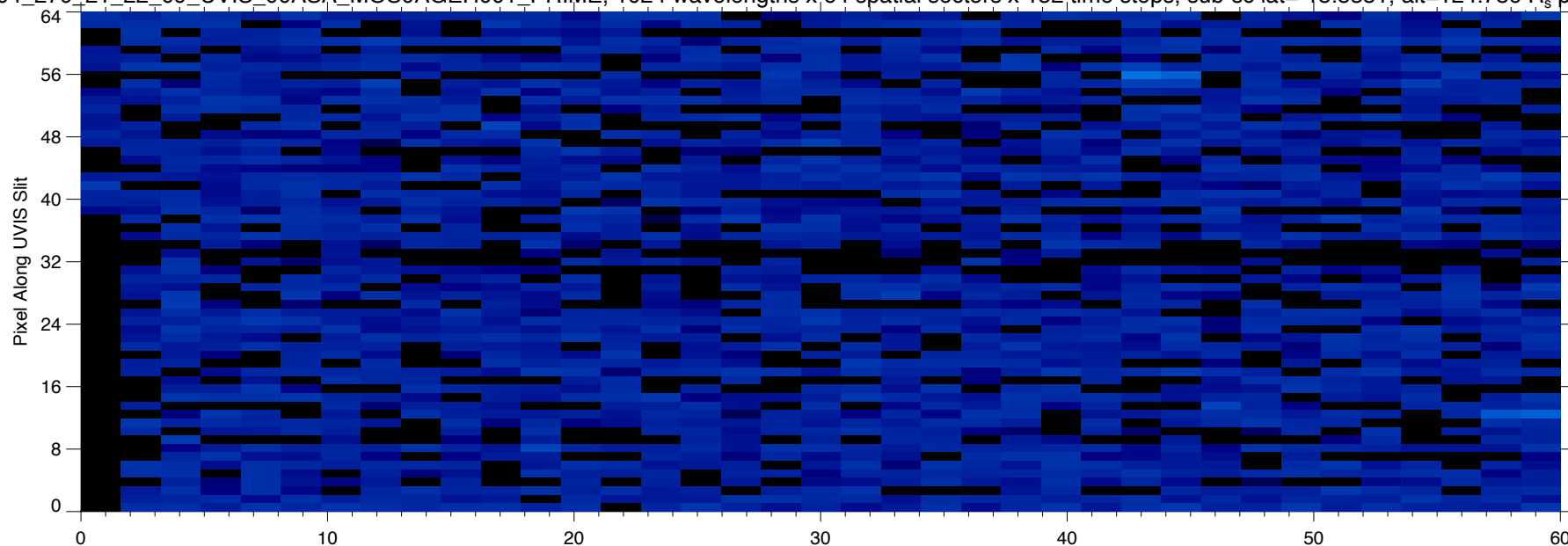
FUV2004_270_21_03_09_UVIS_00ASA_MOS0AGEH001_PRIME, 1024 wavelengths x 64 spatial sectors x 12 time steps, sub-sc lat=-15.8360, alt=124.809 R_s, phase=77.0986



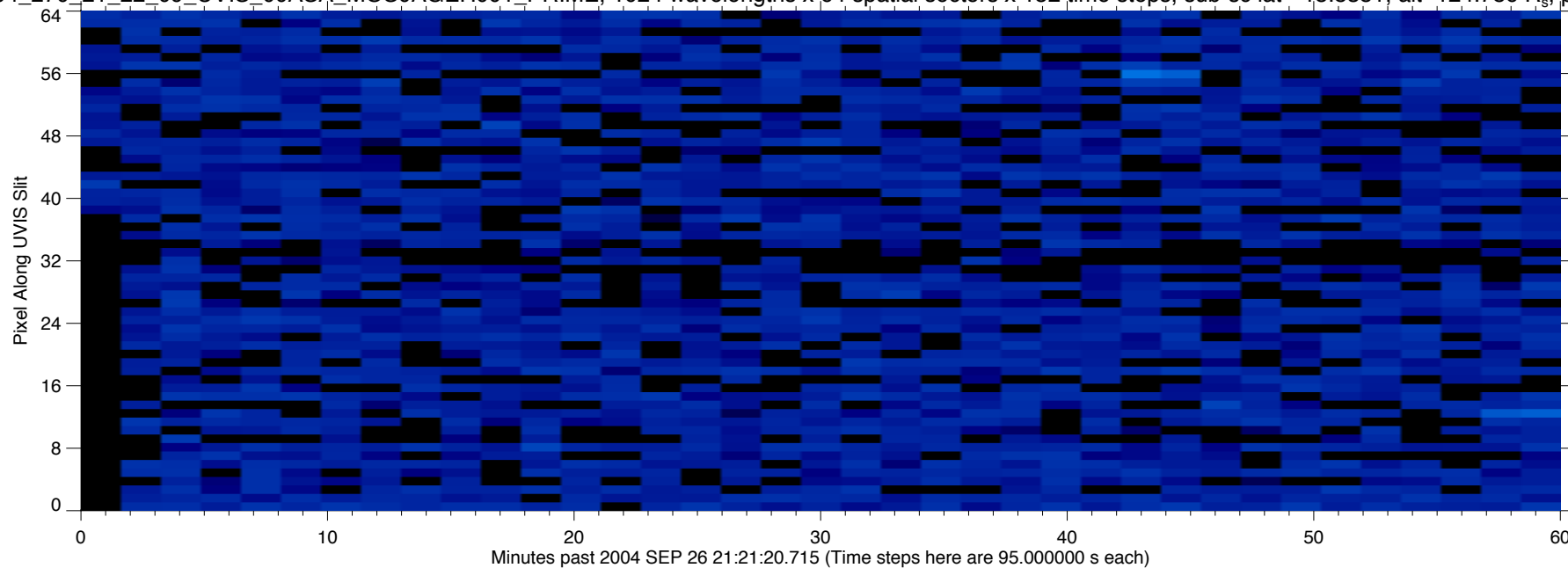
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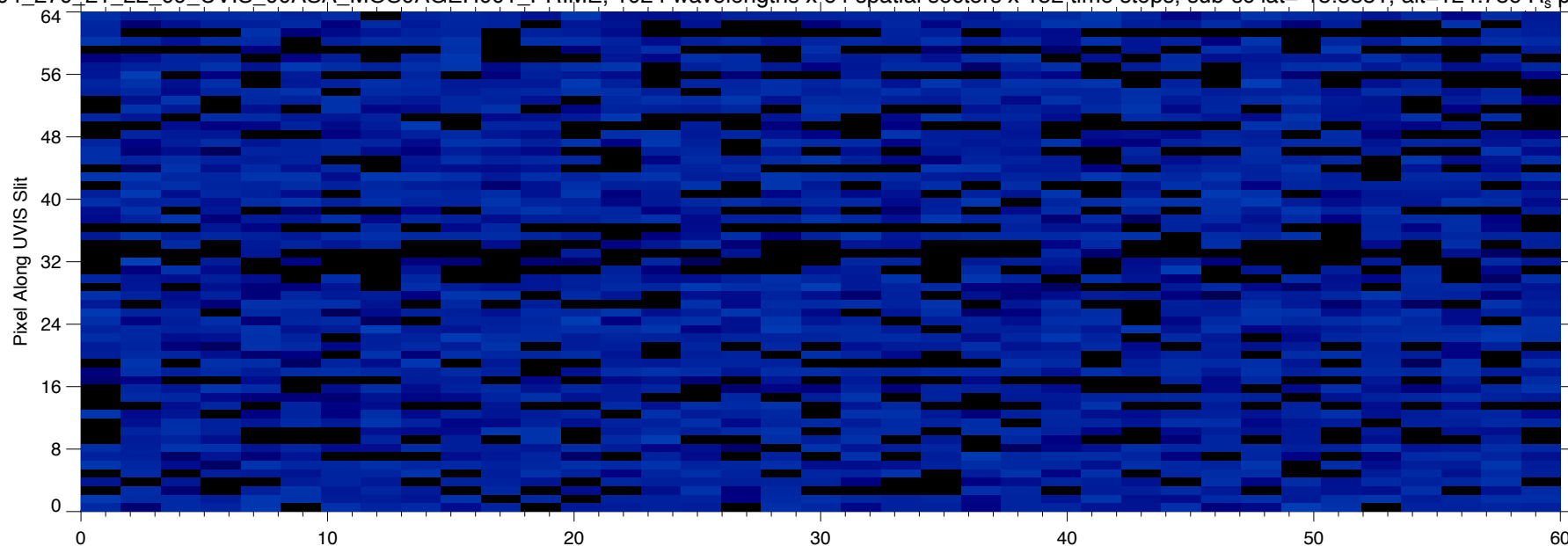
FUV2004_270_21_22_09_UVIS_00ASA_MOS0AGEH001_PRIME, 1024 wavelengths x 64 spatial sectors x 152 time steps, sub-sc lat=-15.8351, alt=124.786 R_s phase=77.0932



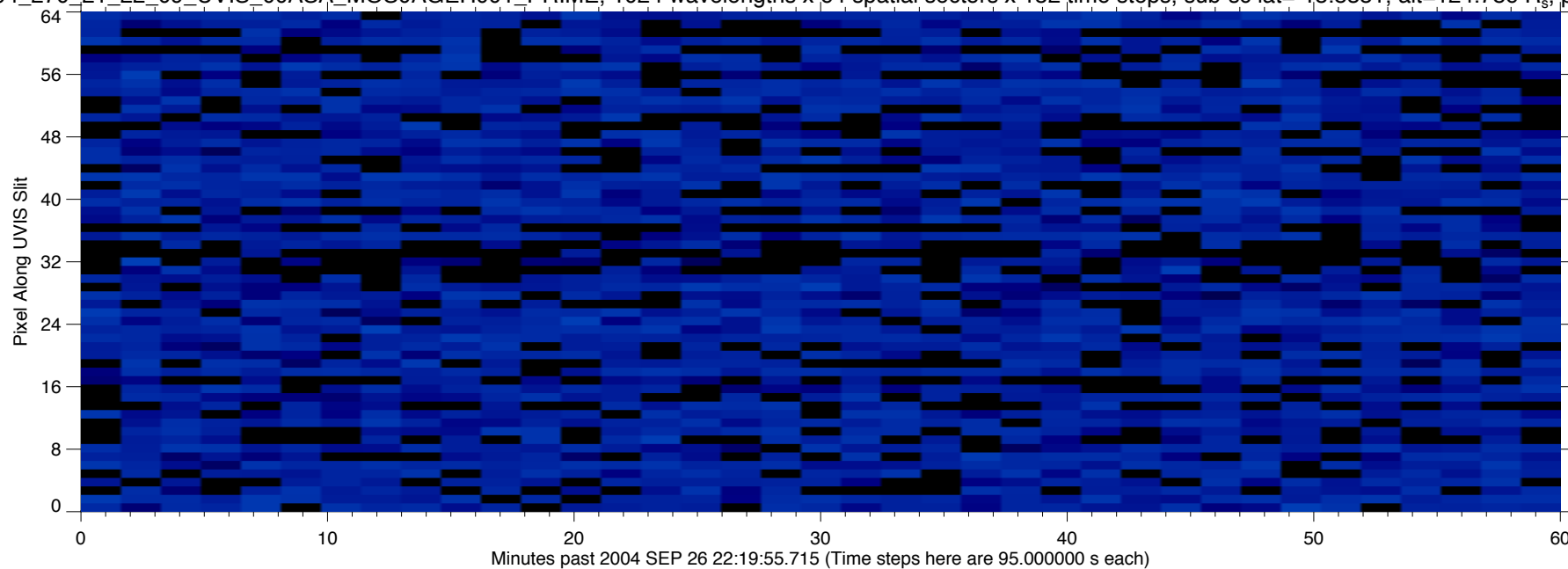
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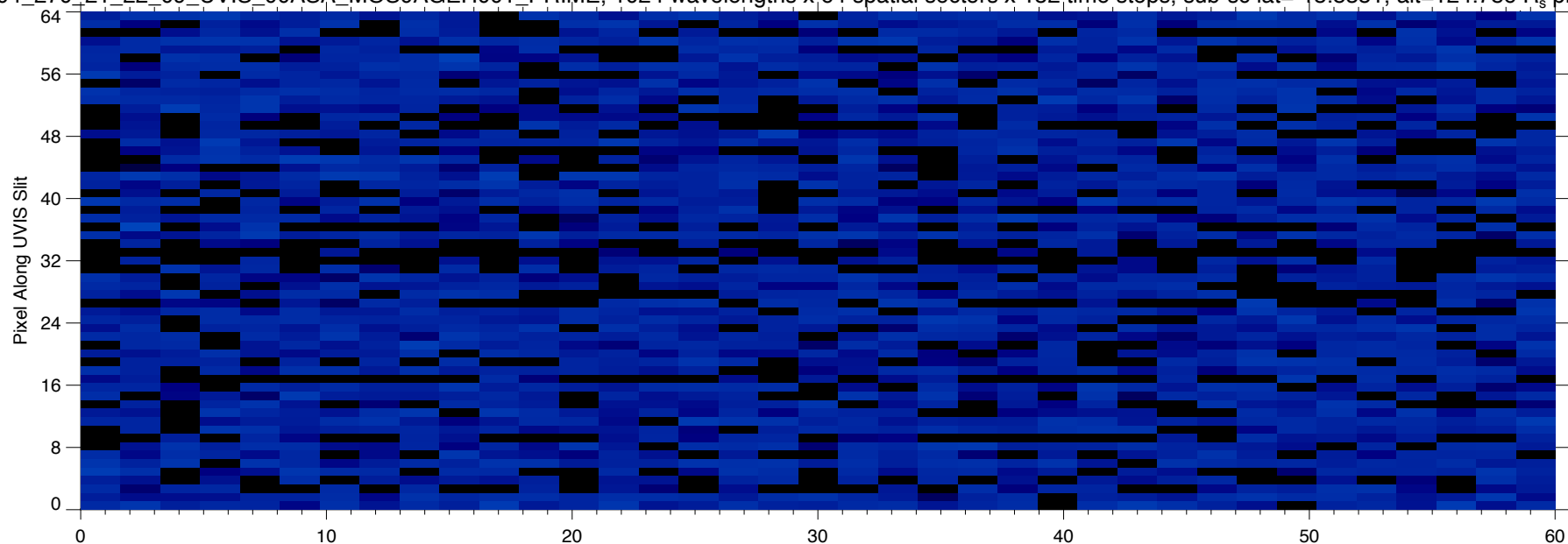
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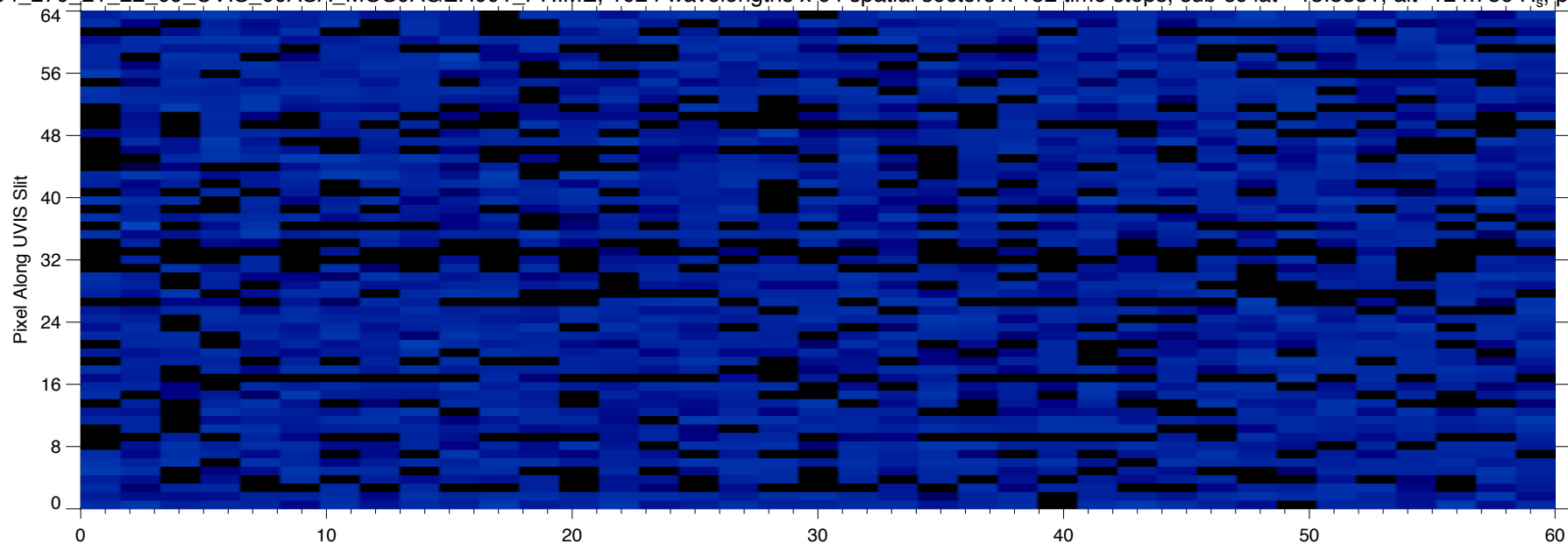
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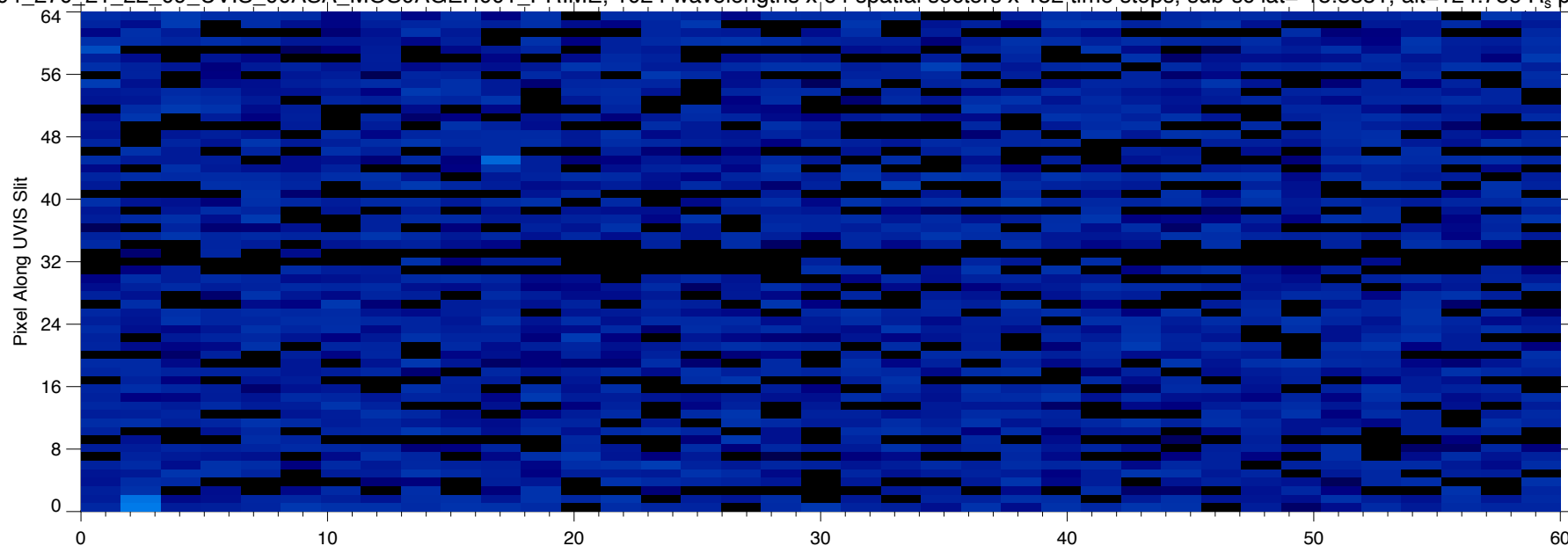
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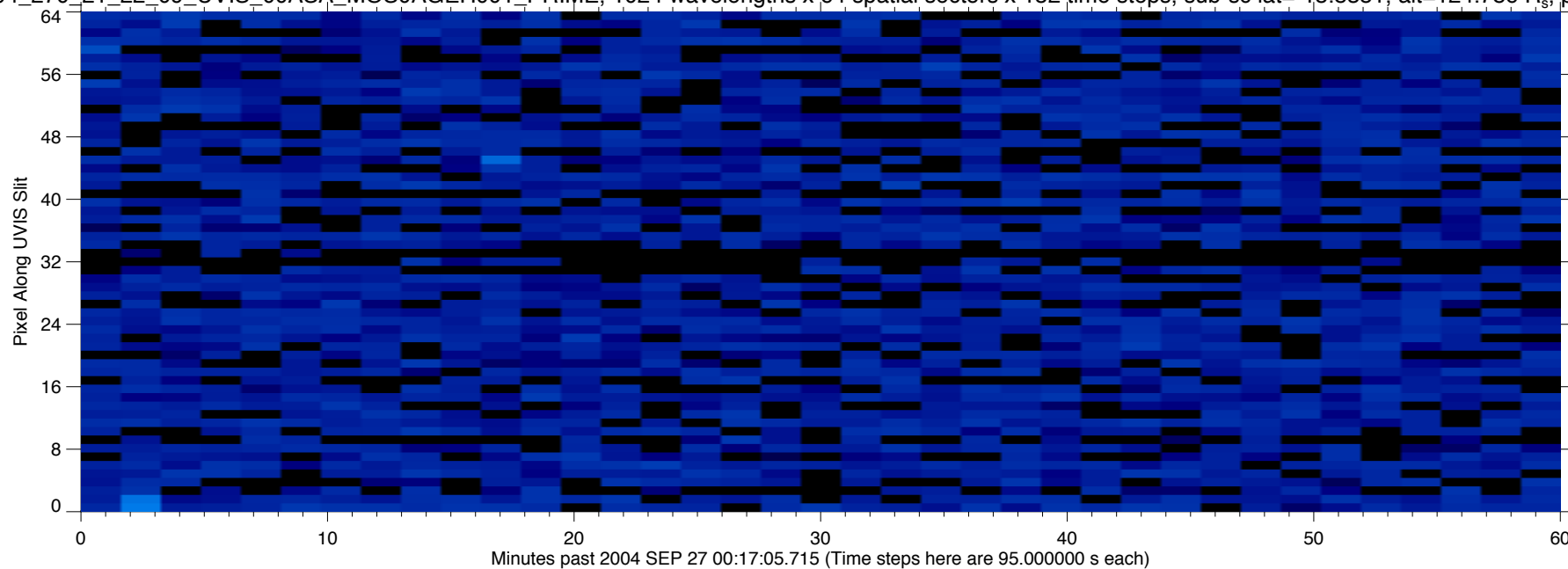
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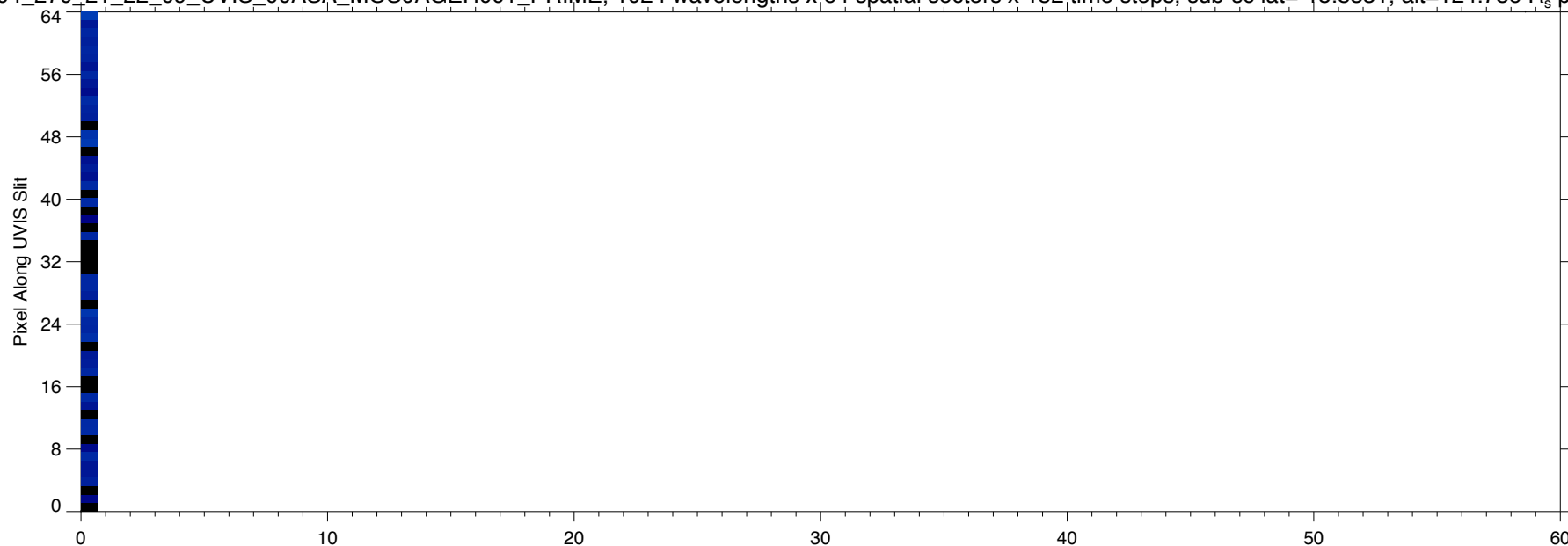
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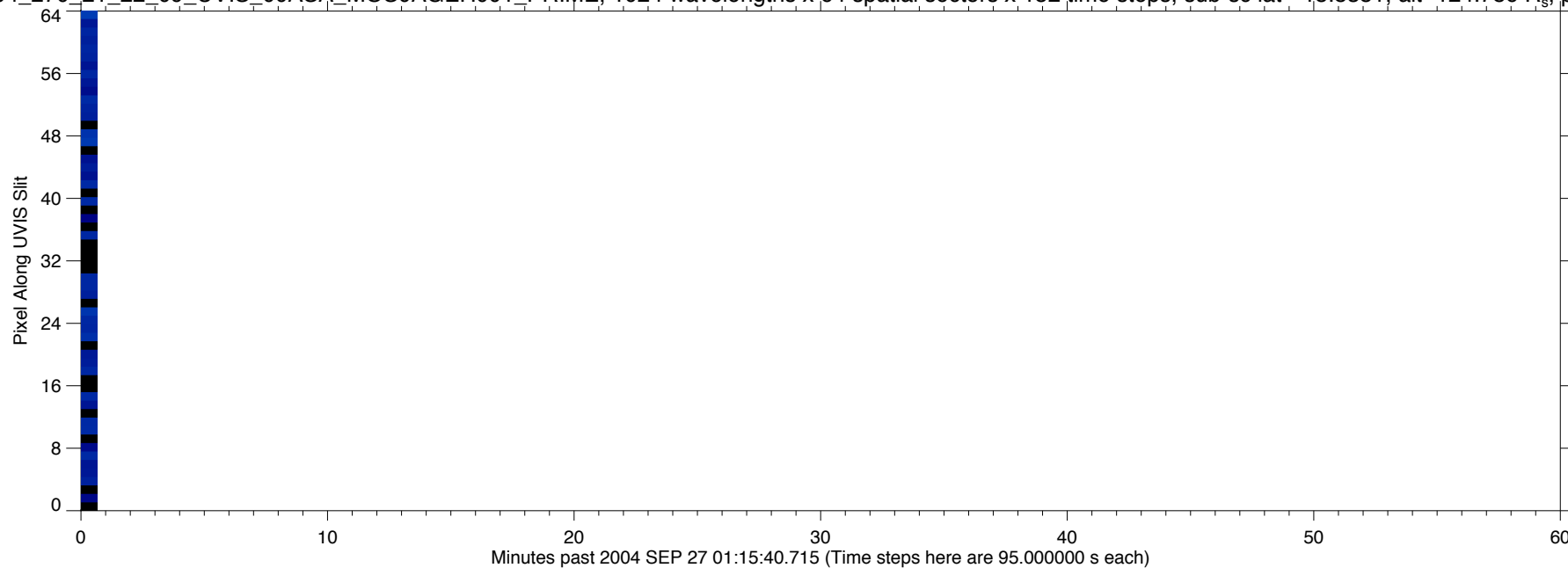
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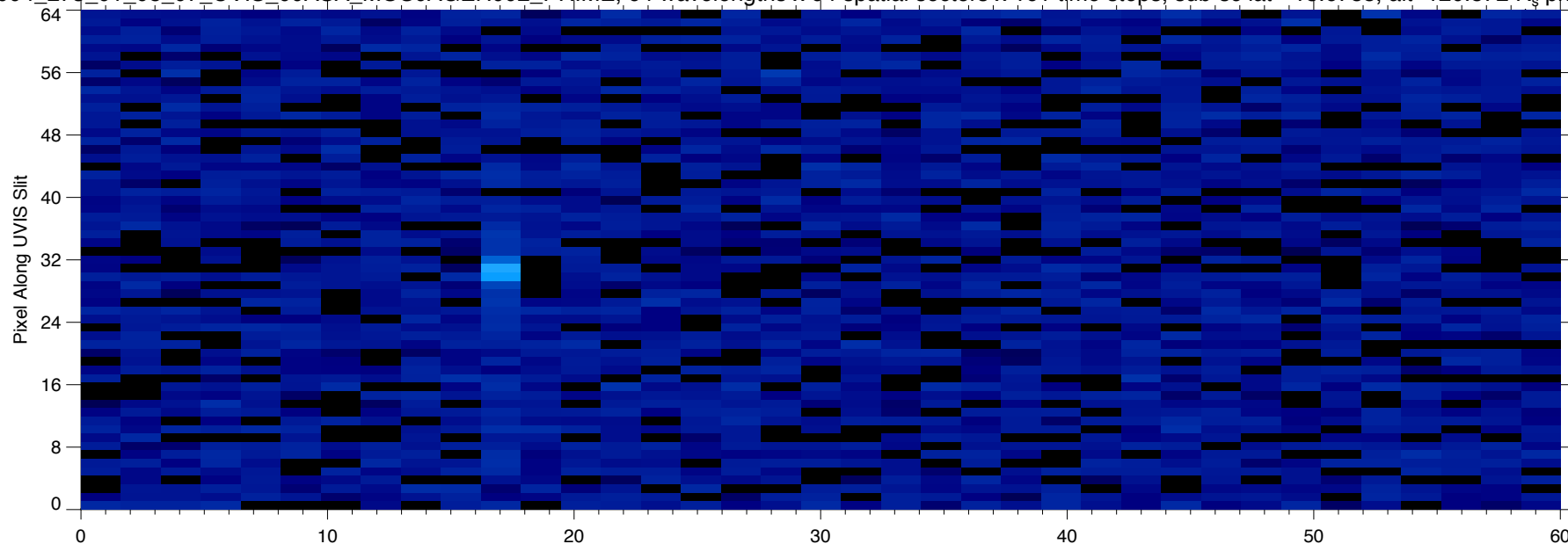
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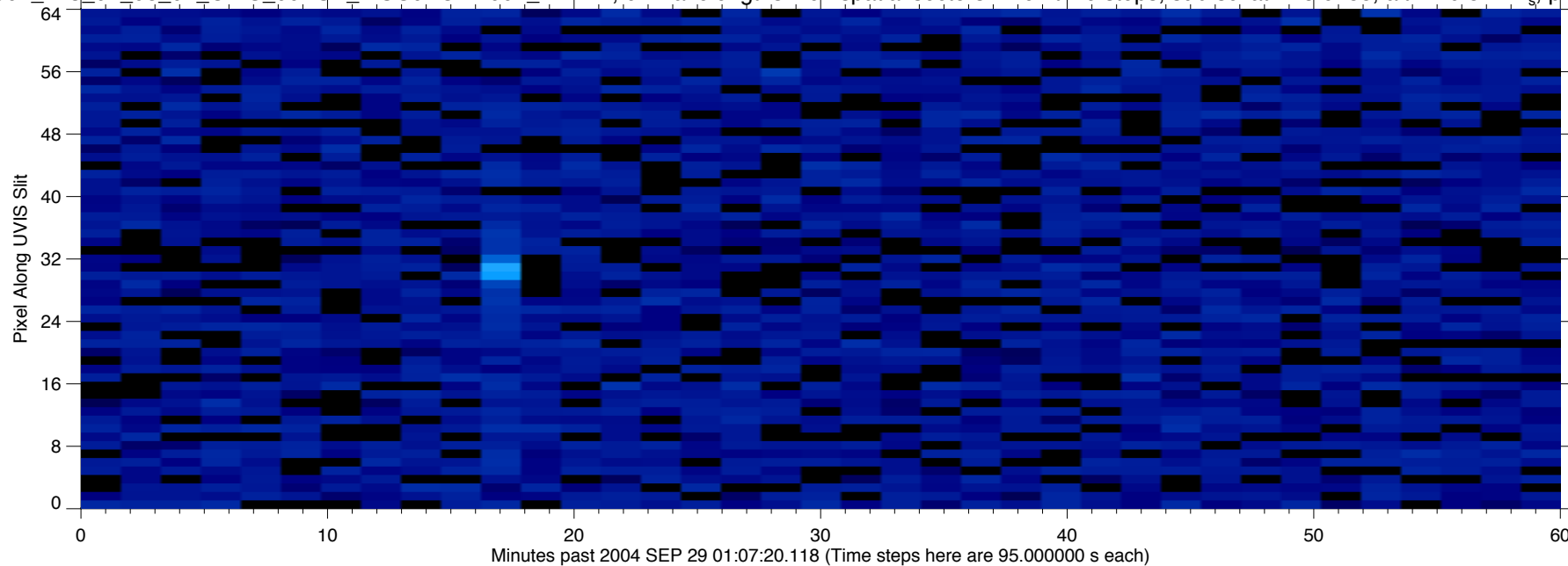
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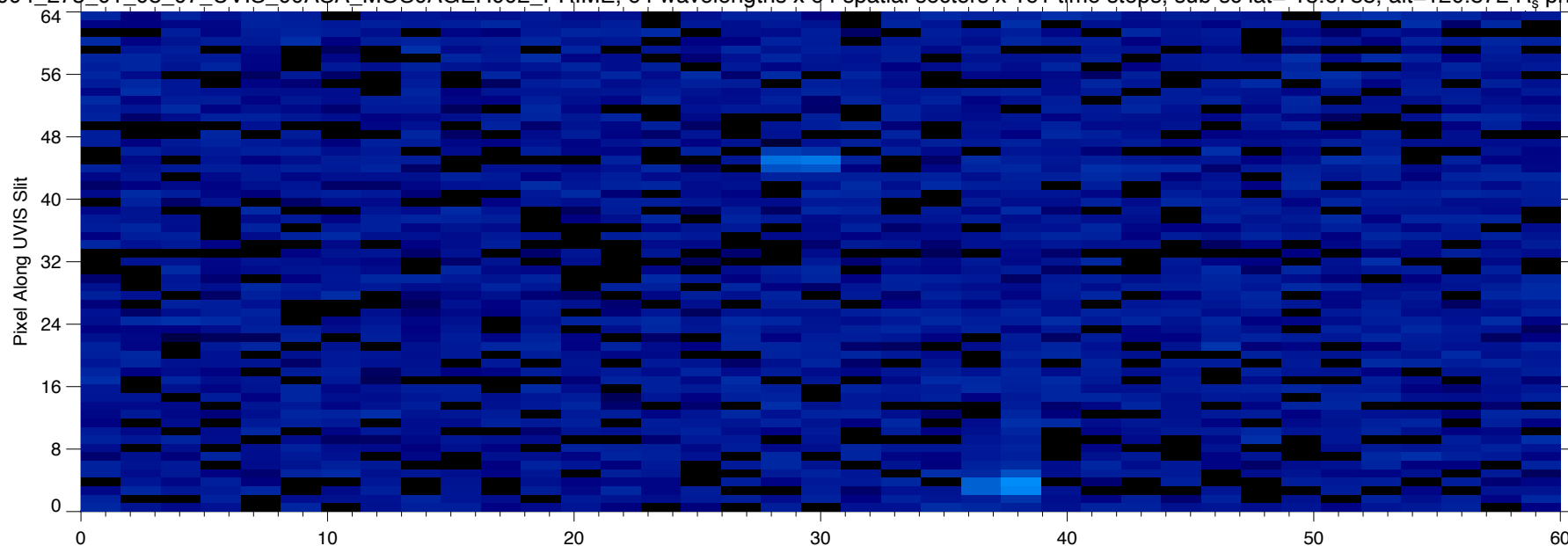
FUV2004_273_01_08_07_UVIS_00ASA_MOS0AGEH002_PRIME, 64 wavelengths x 64 spatial sectors x 161 time steps, sub-sc lat=-15.6788, alt=120.872 R_s, phase=76.1729



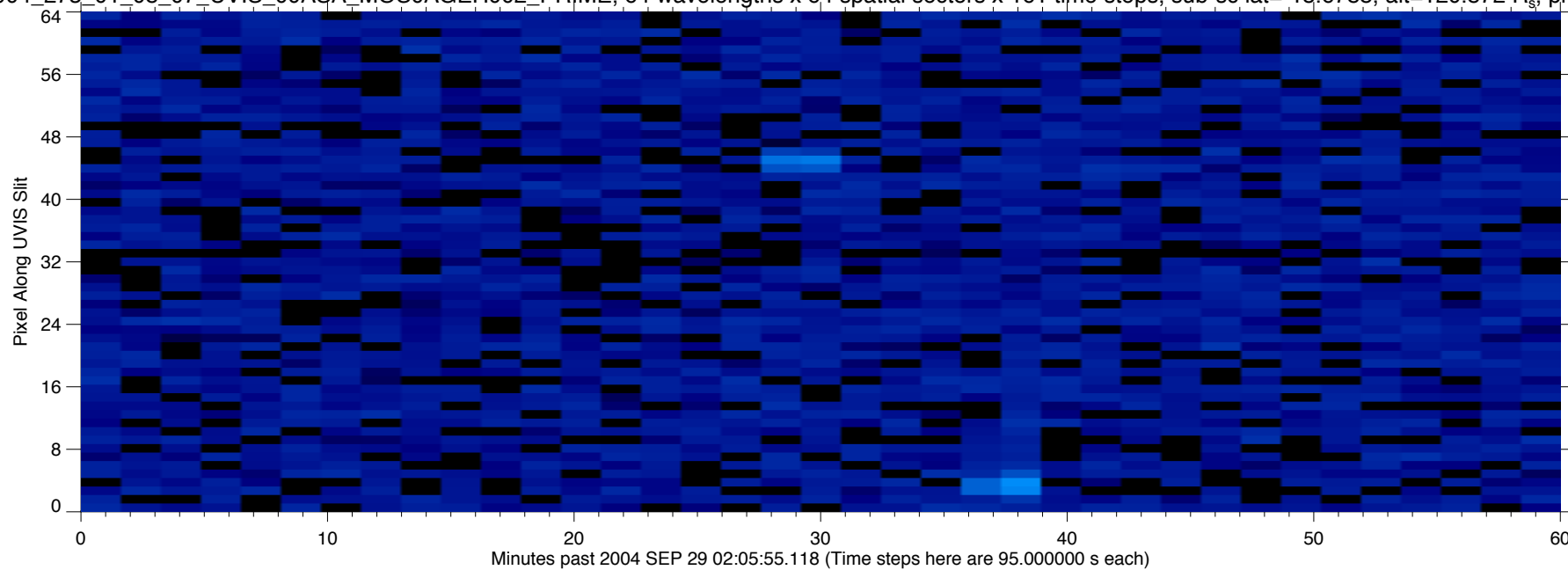
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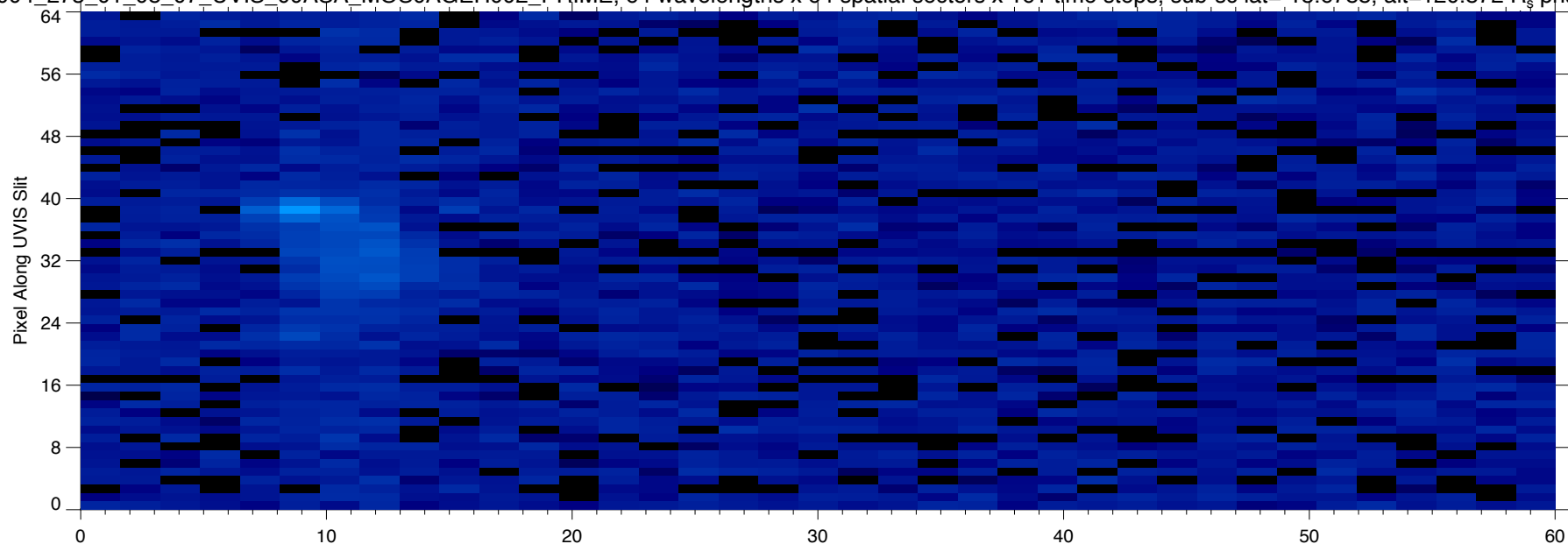
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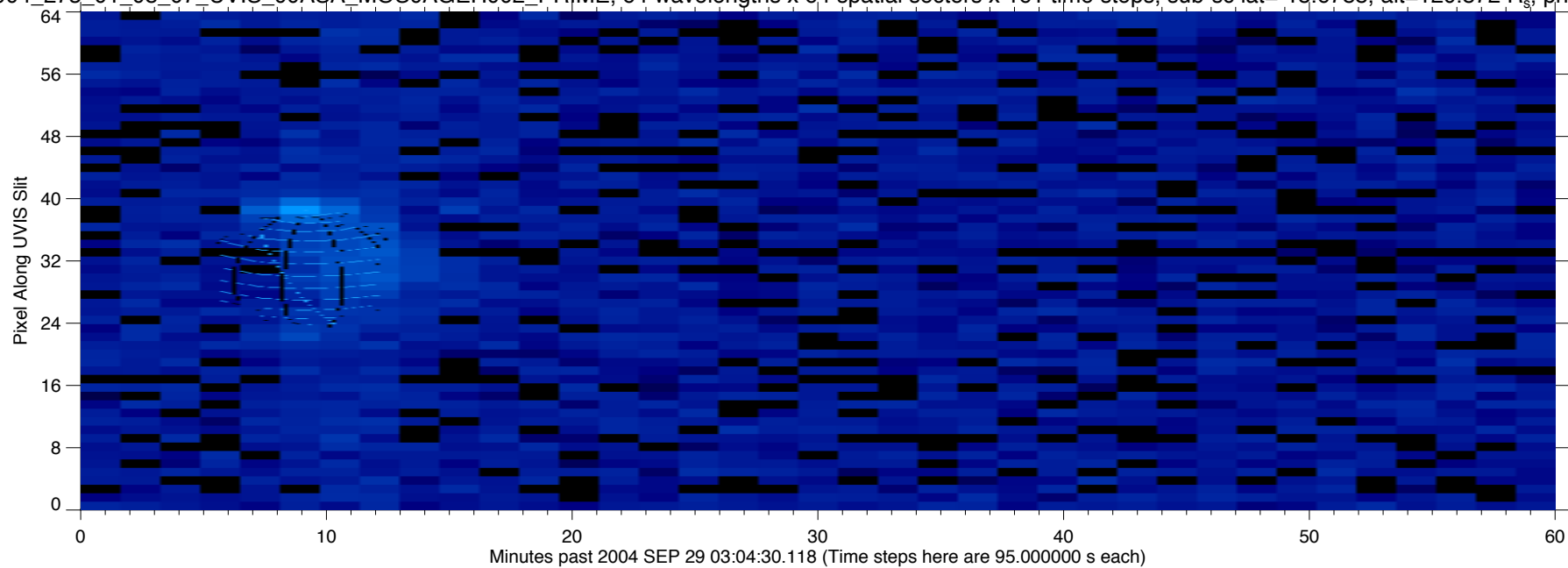
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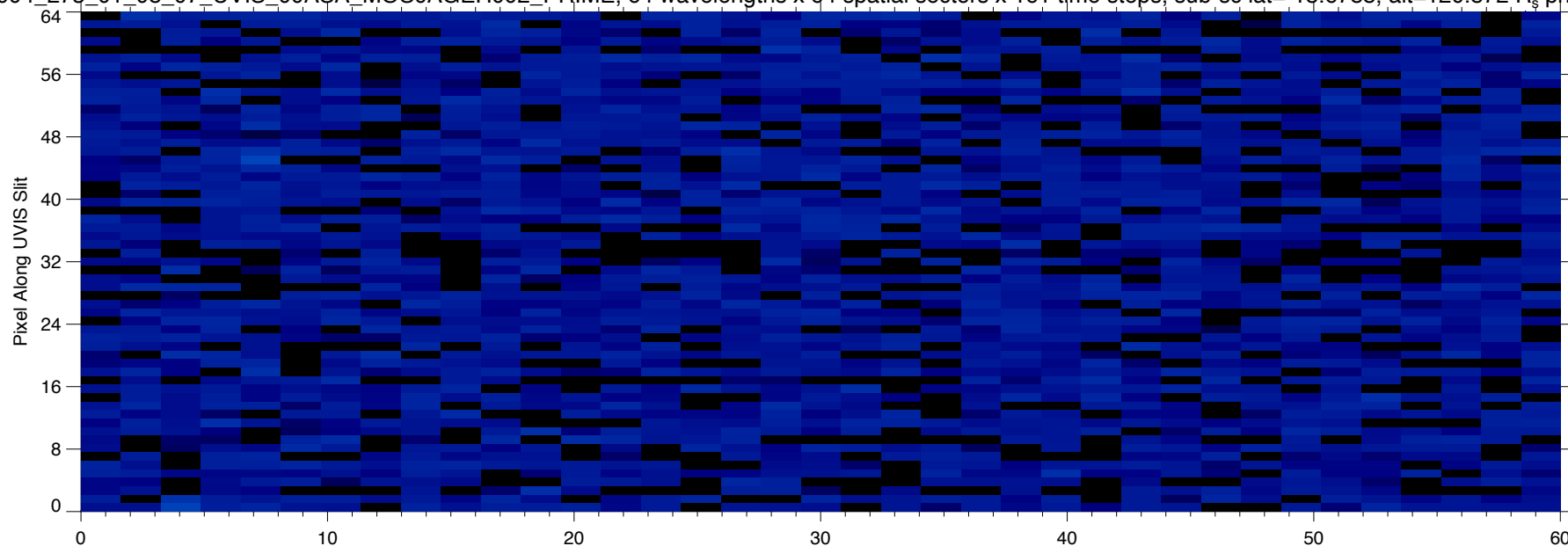
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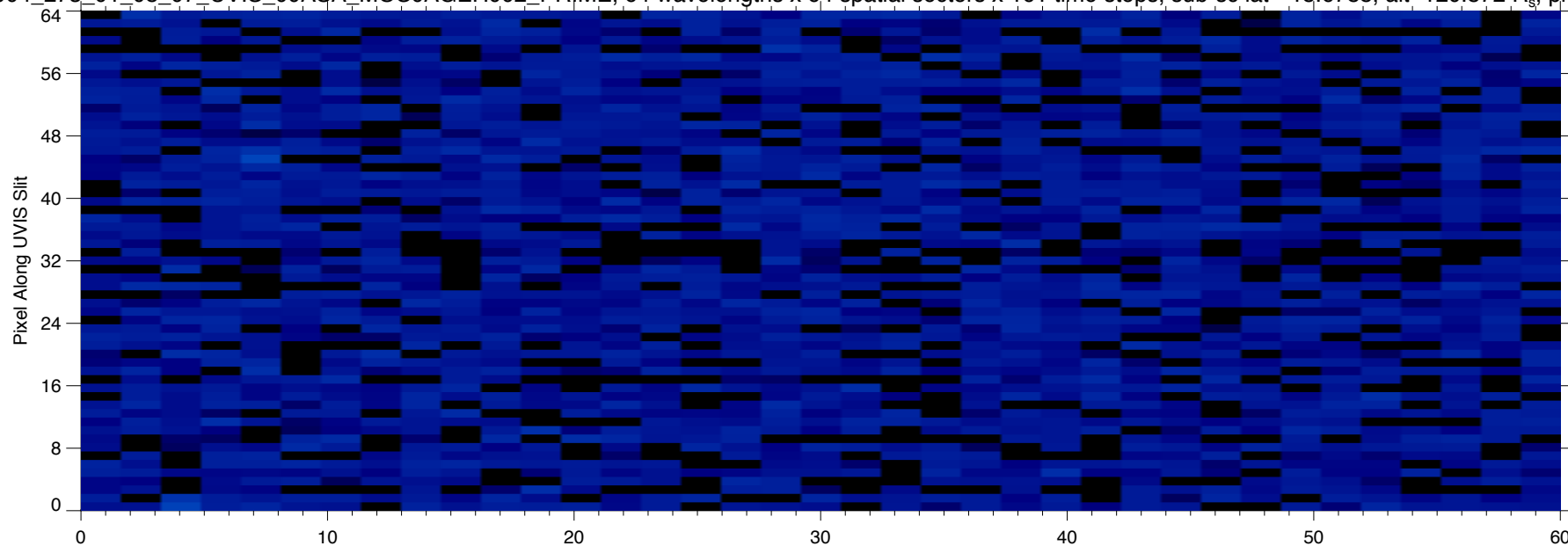
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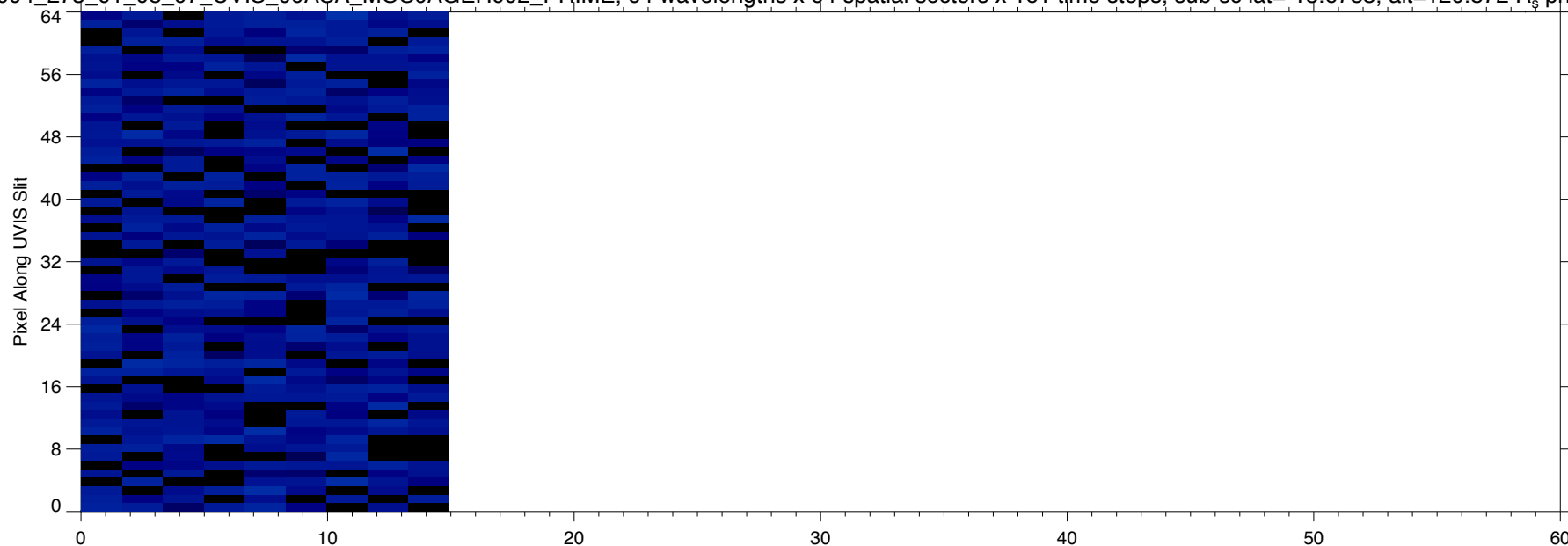
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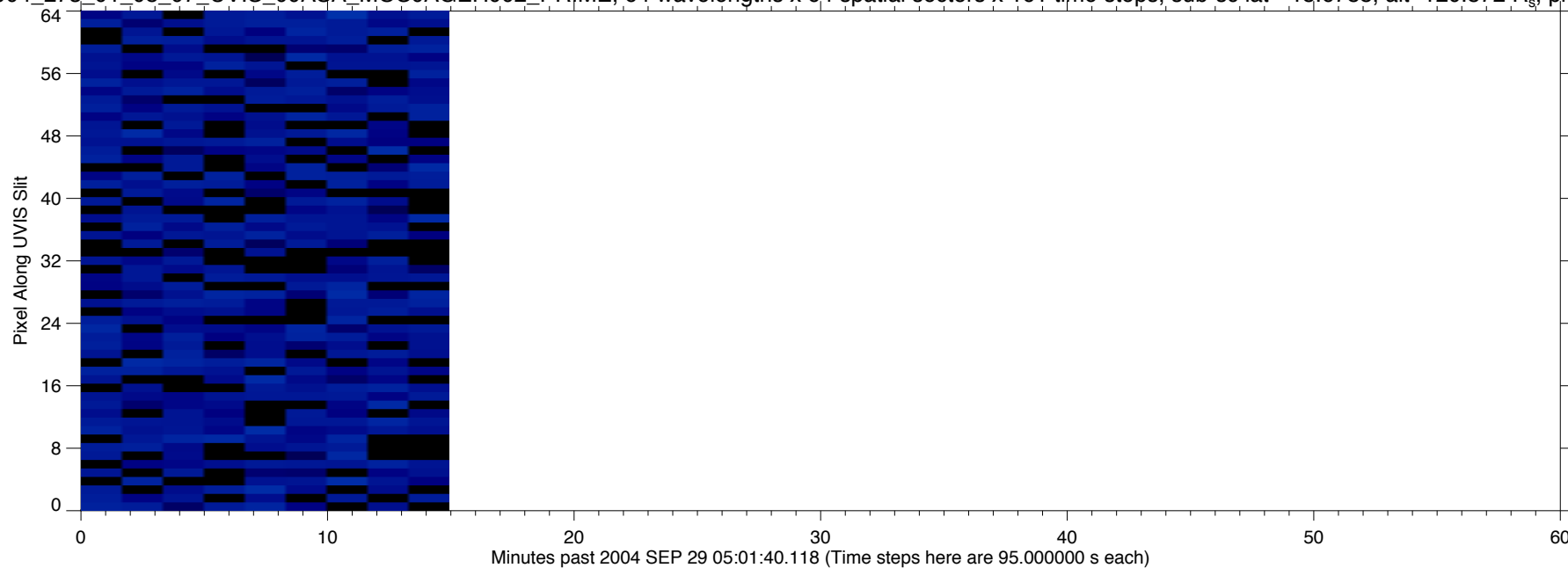
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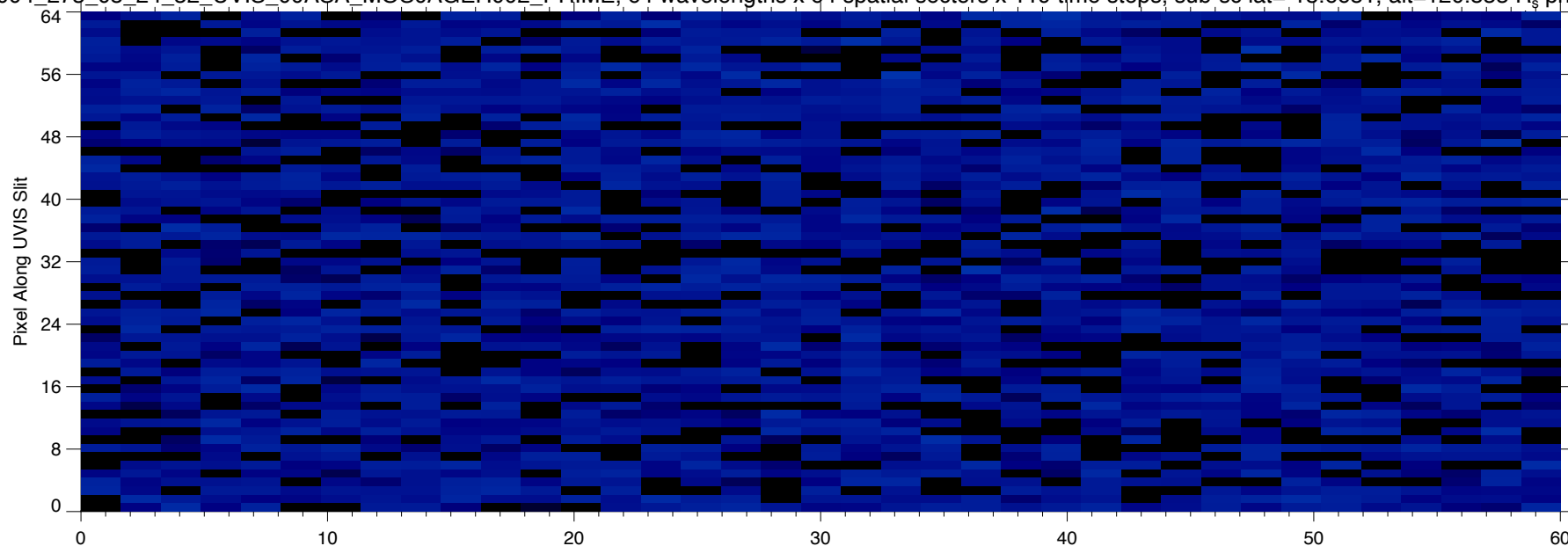
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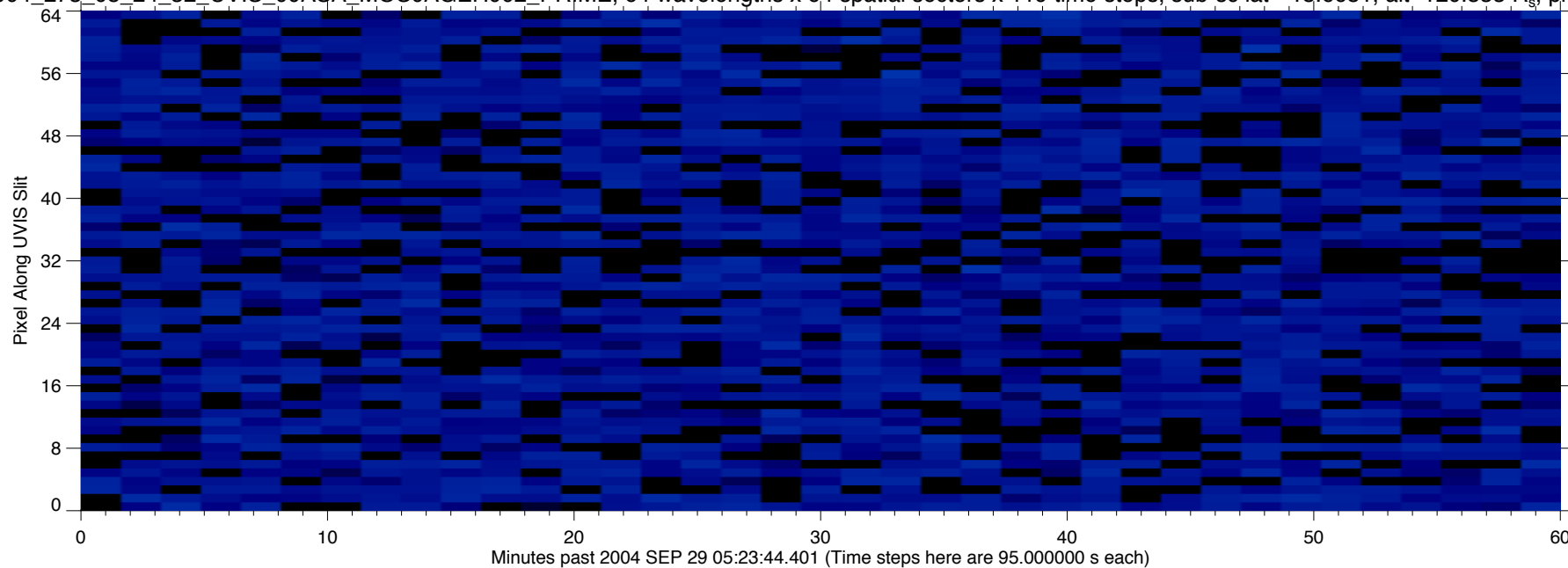
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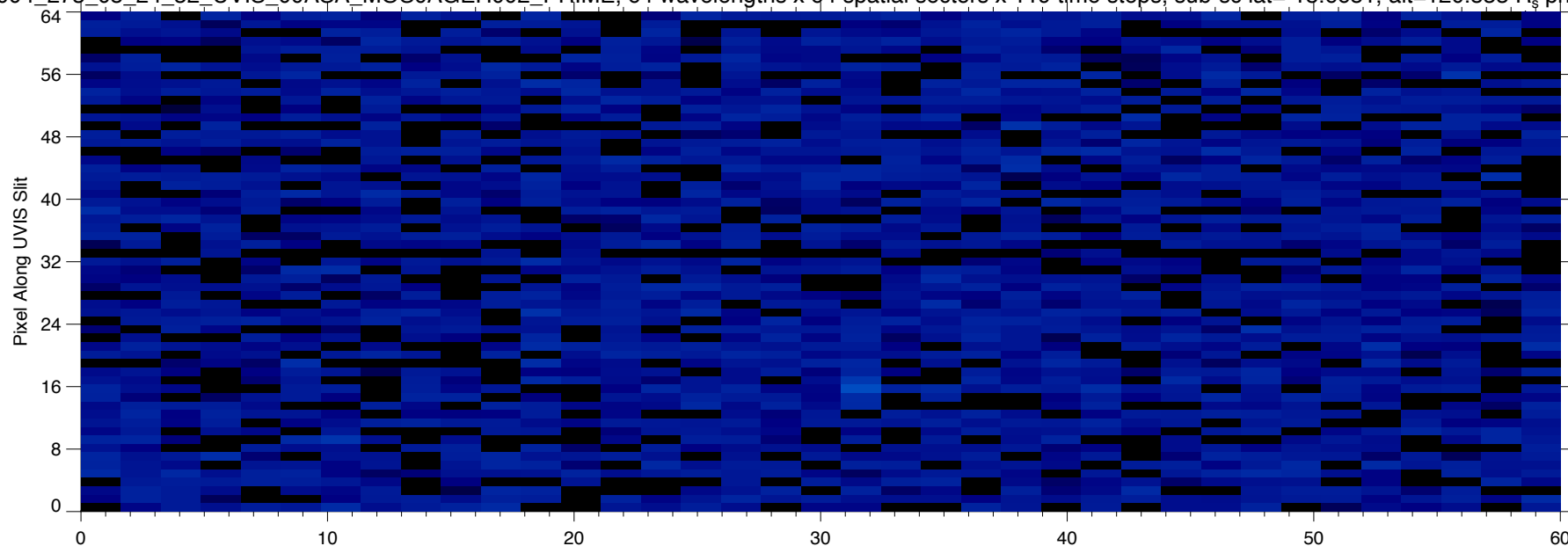
FUV2004_273_05_24_32_UVIS_00ASA_MOS0AGEH002_PRIME, 64 wavelengths x 64 spatial sectors x 119 time steps, sub-sc lat=-15.6651, alt=120.533 R_s phase=76.0941



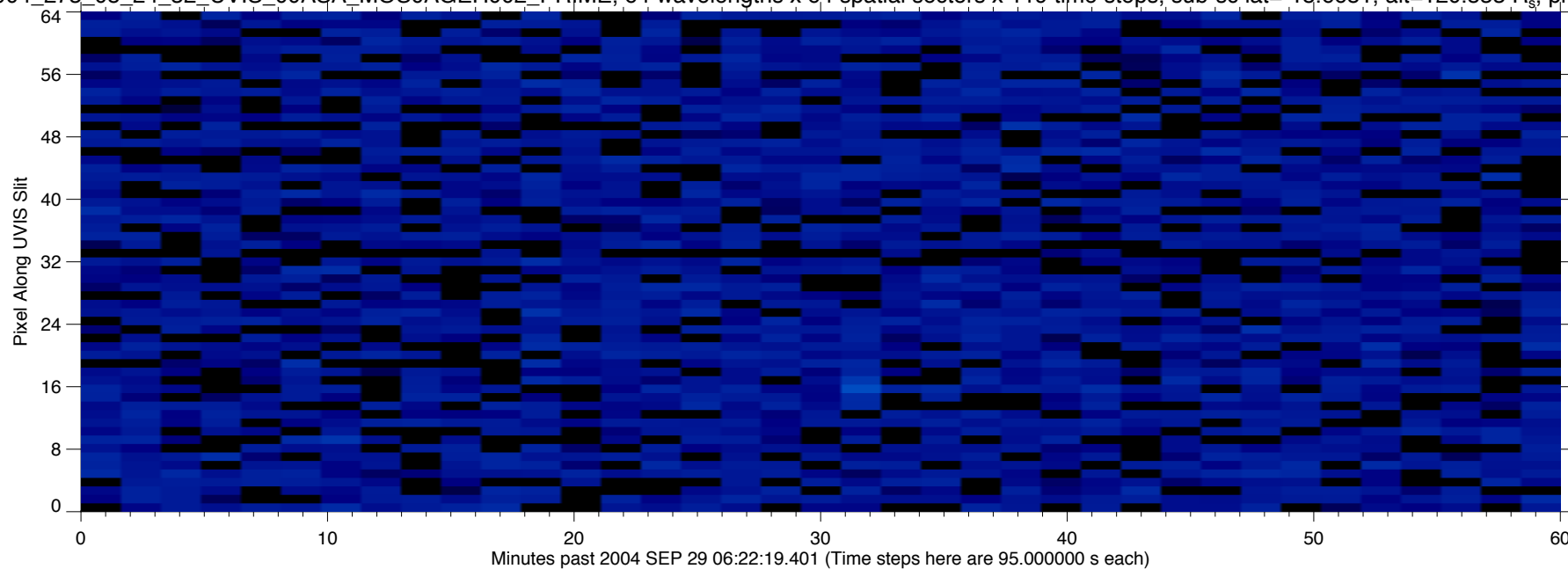
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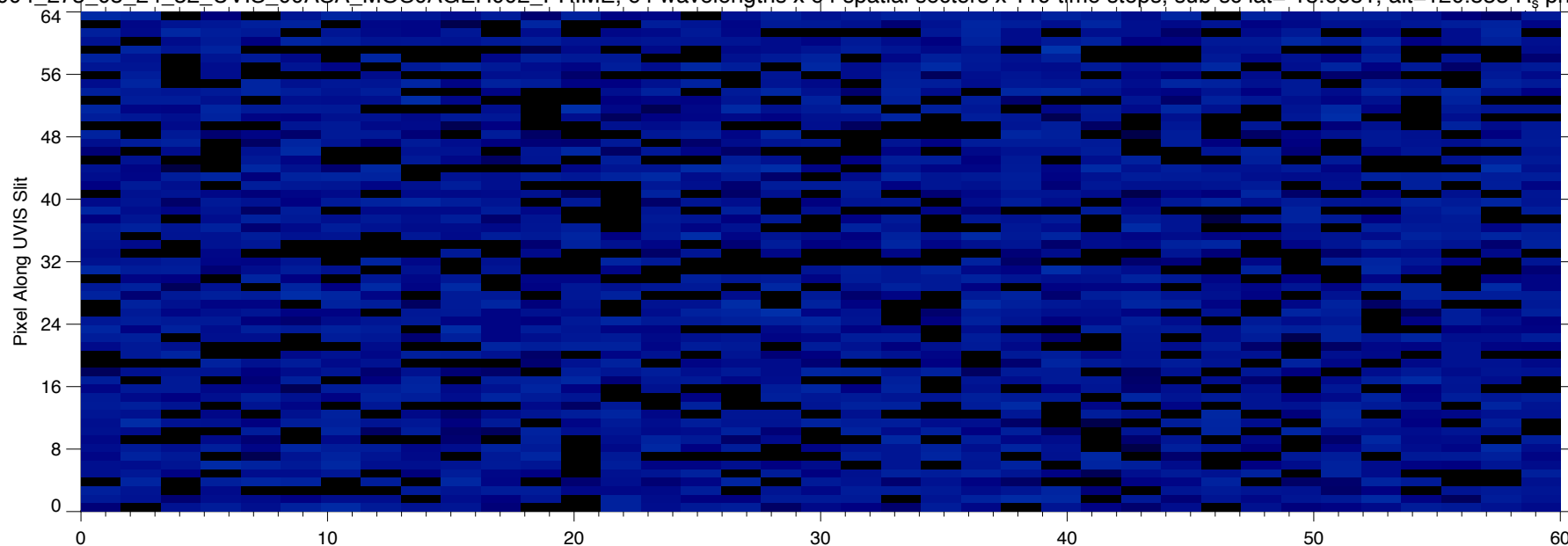
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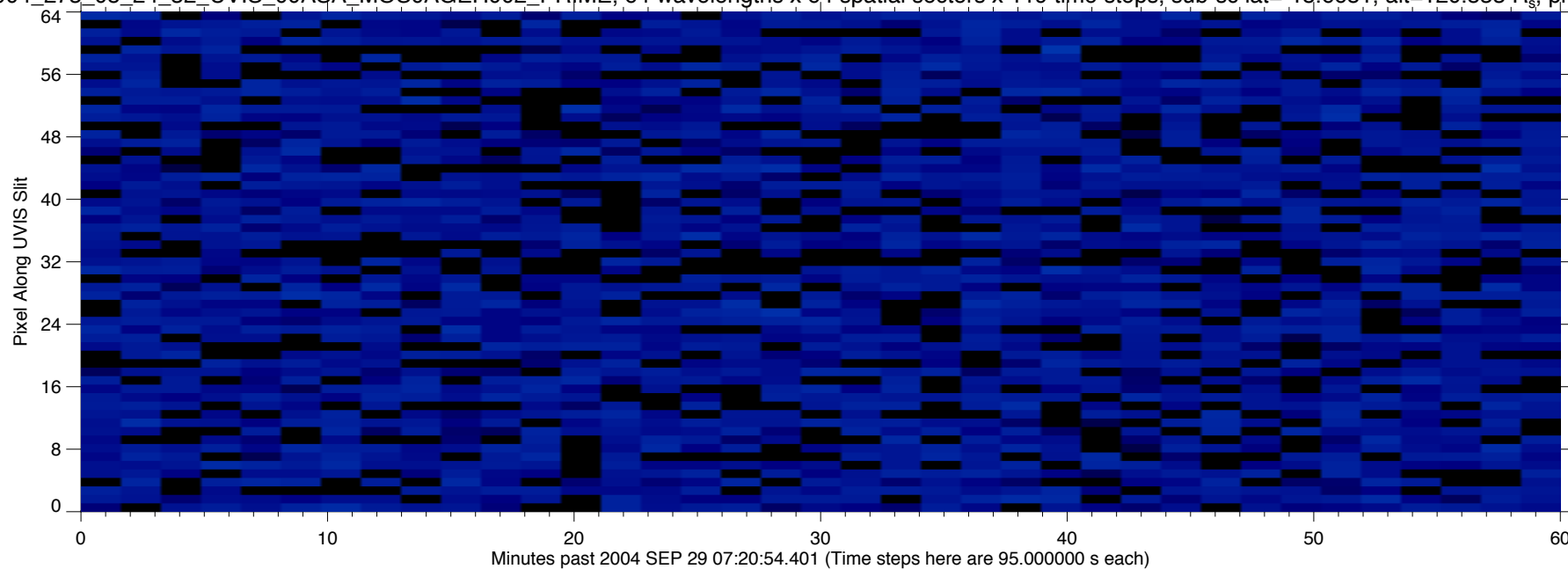
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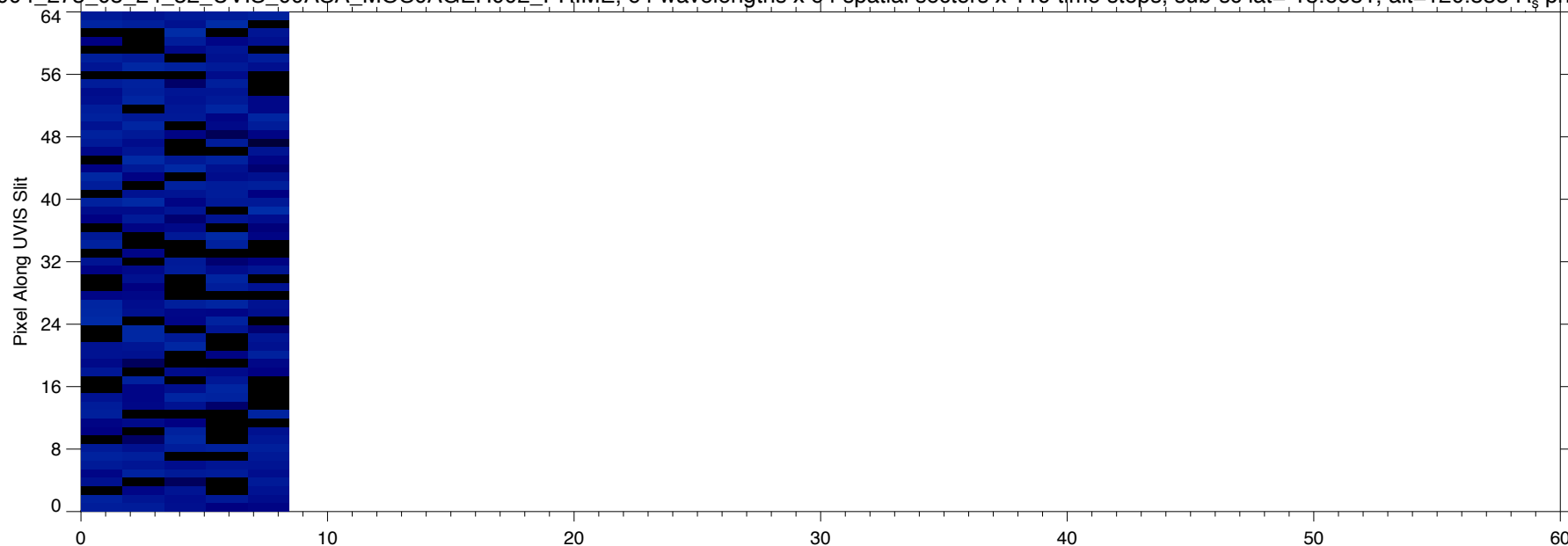
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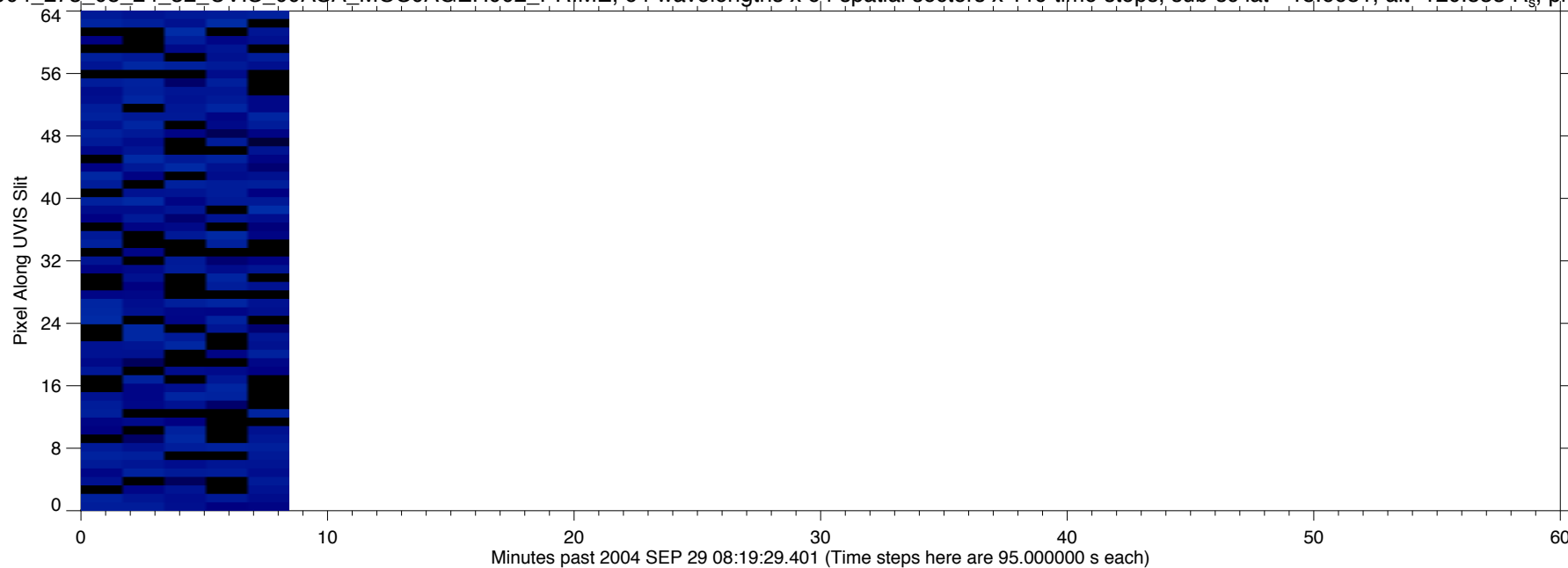
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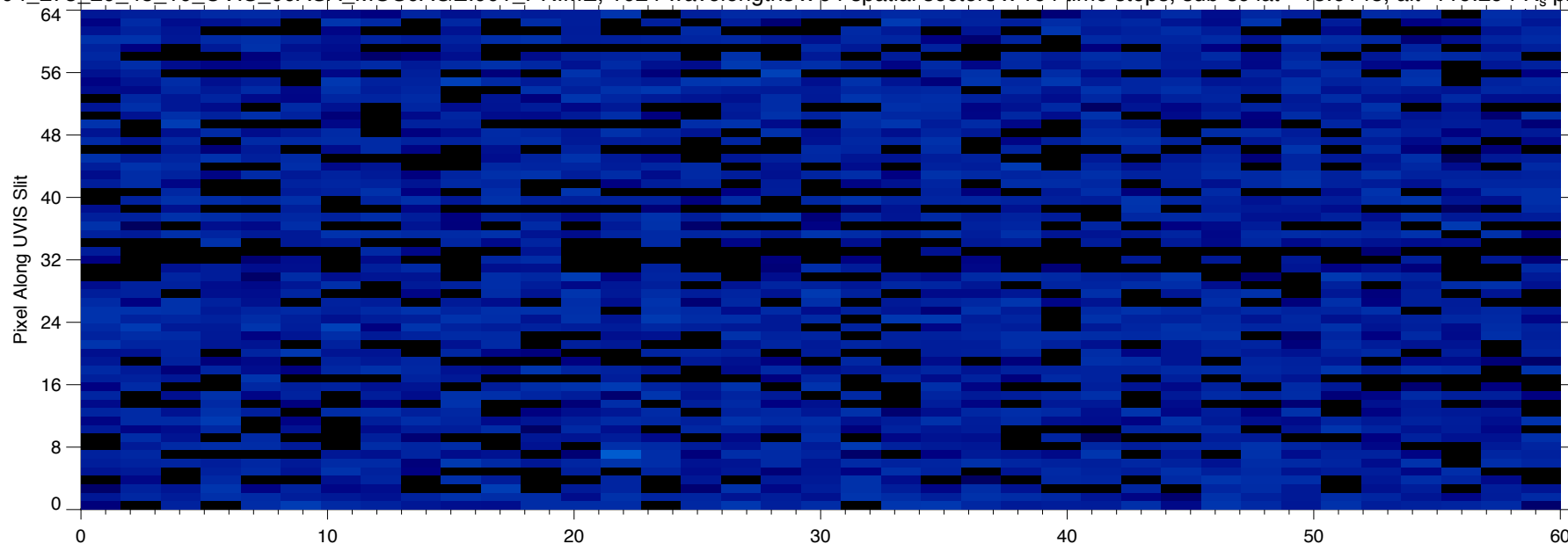
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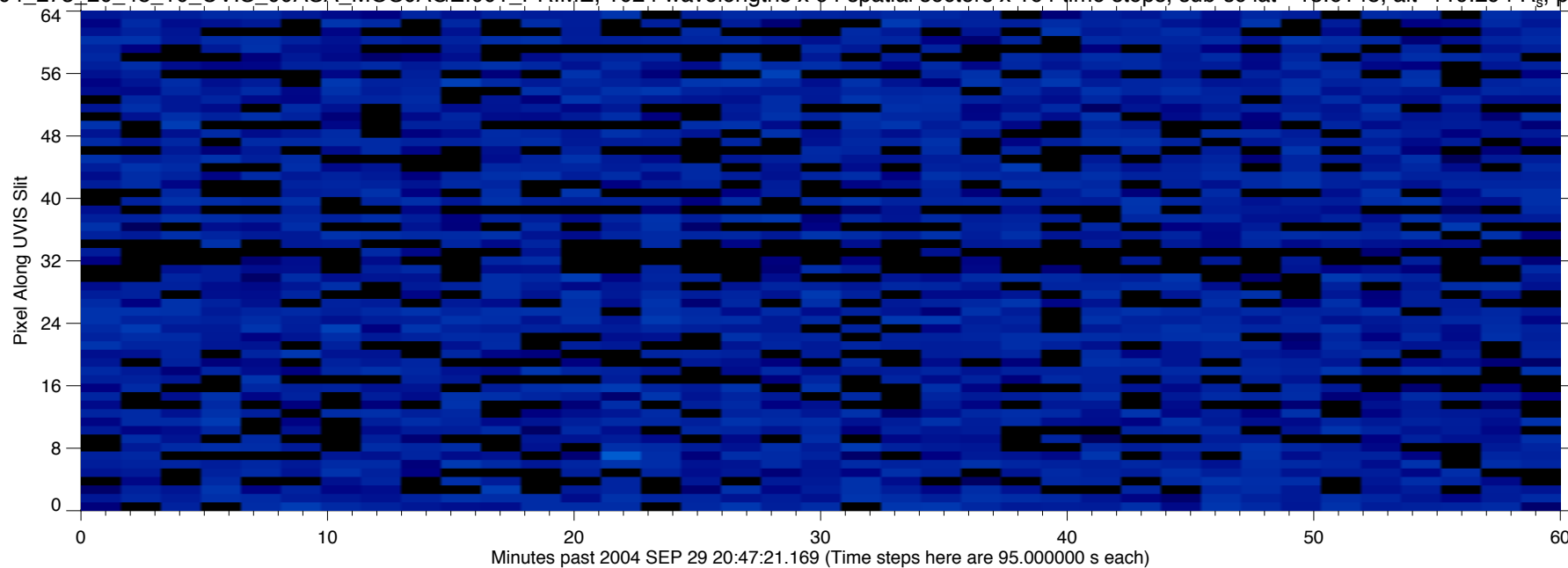
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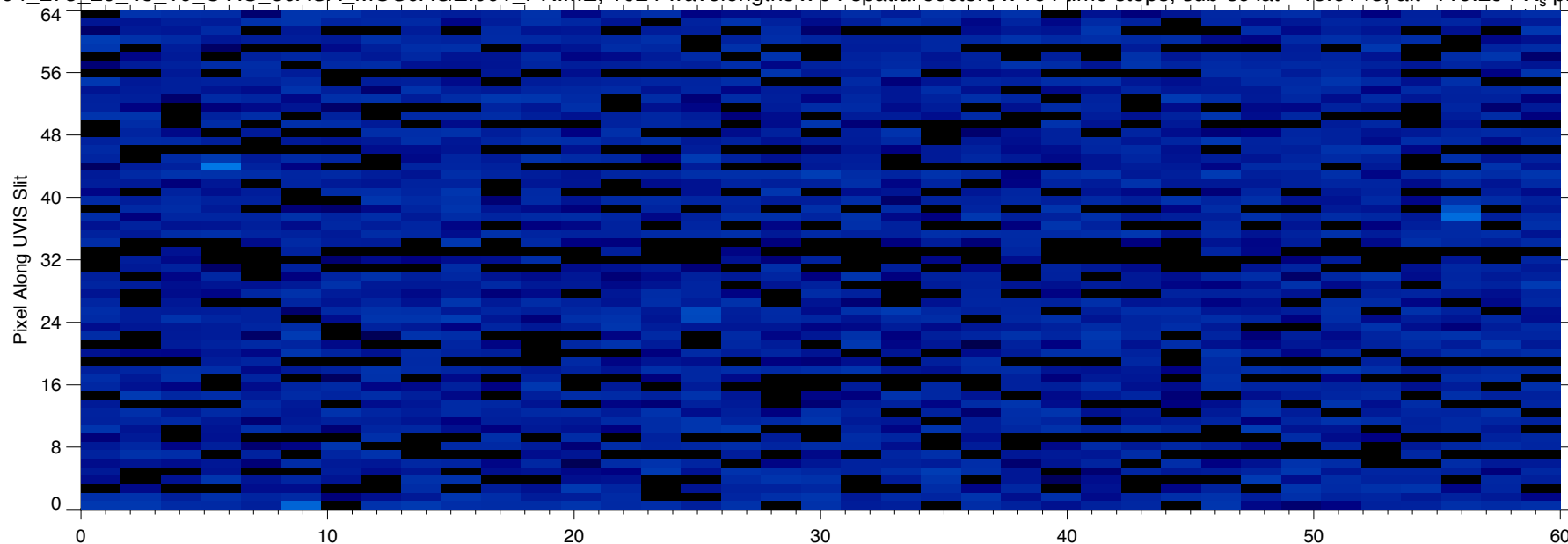
FUV2004_273_20_48_10_UVIS_00ASA_MOS0AGEI001_PRIME, 1024 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-15.6148, alt=119.294 R_s, phase=75.8063



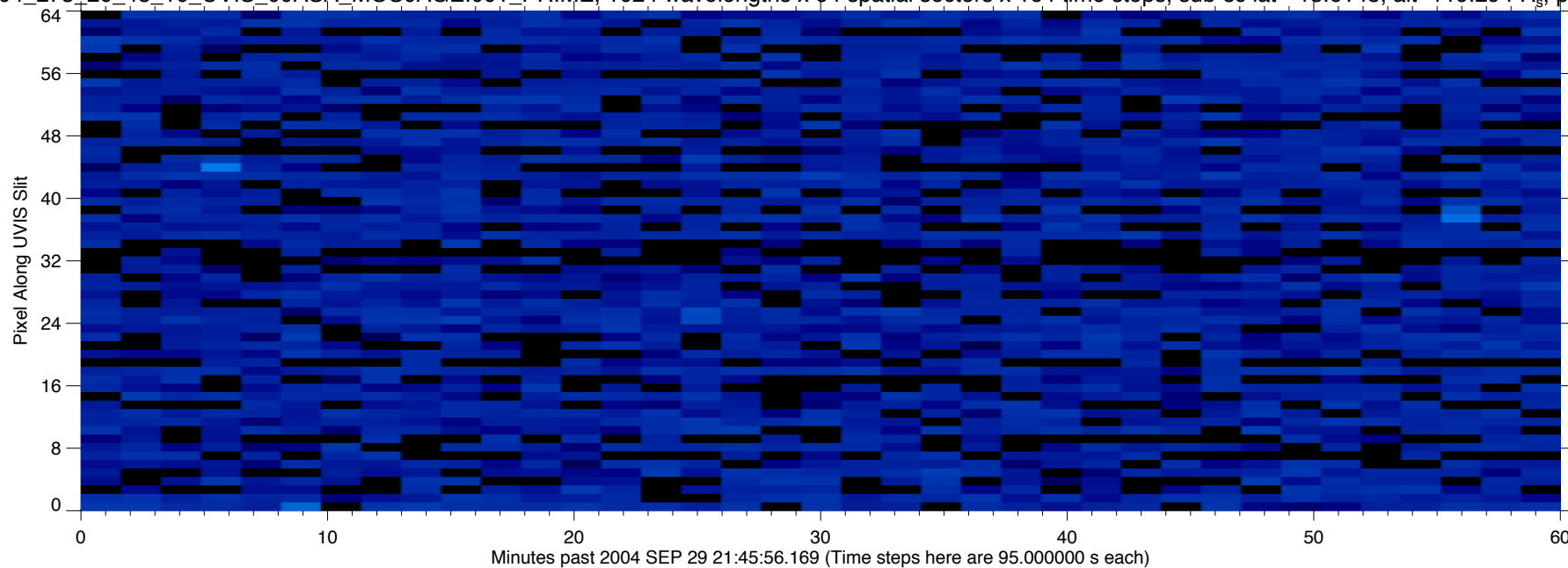
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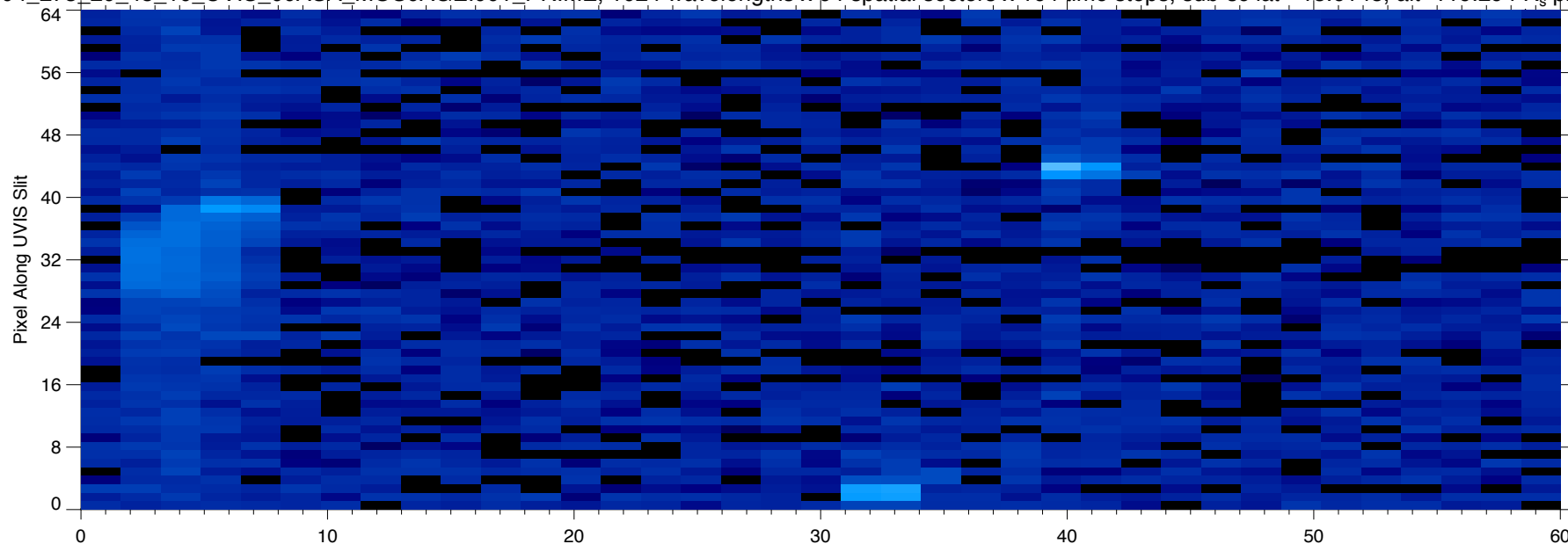
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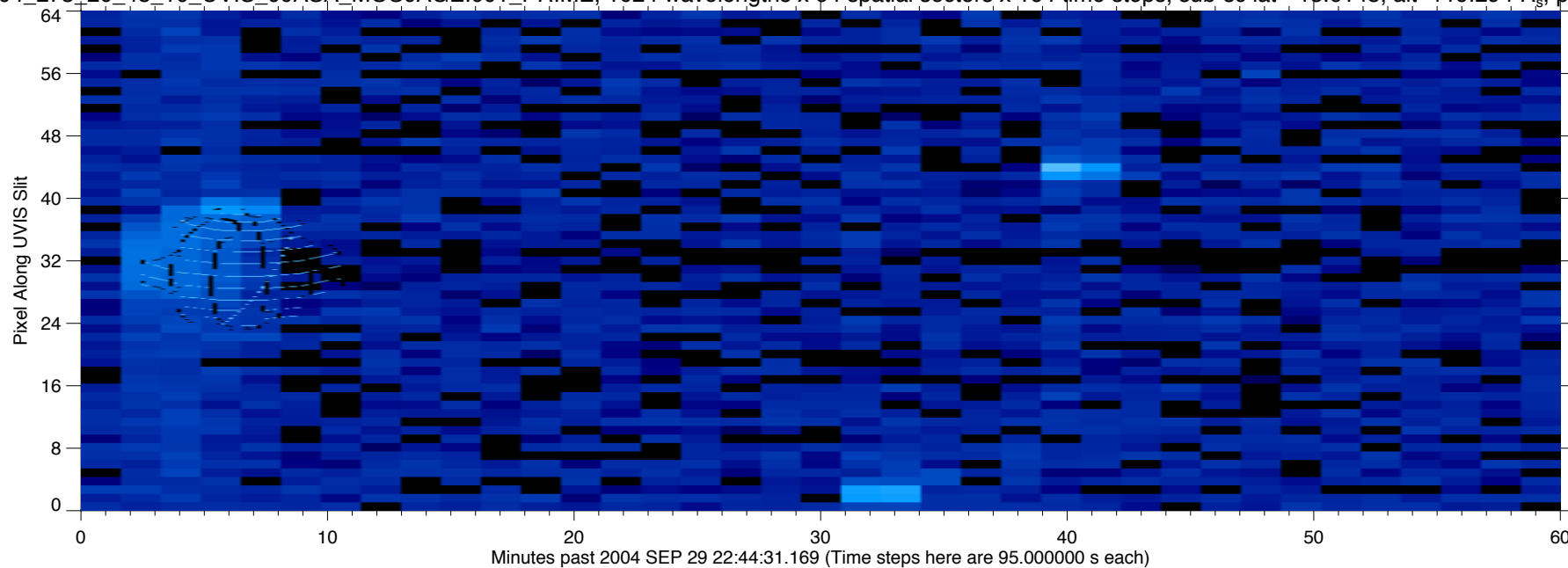
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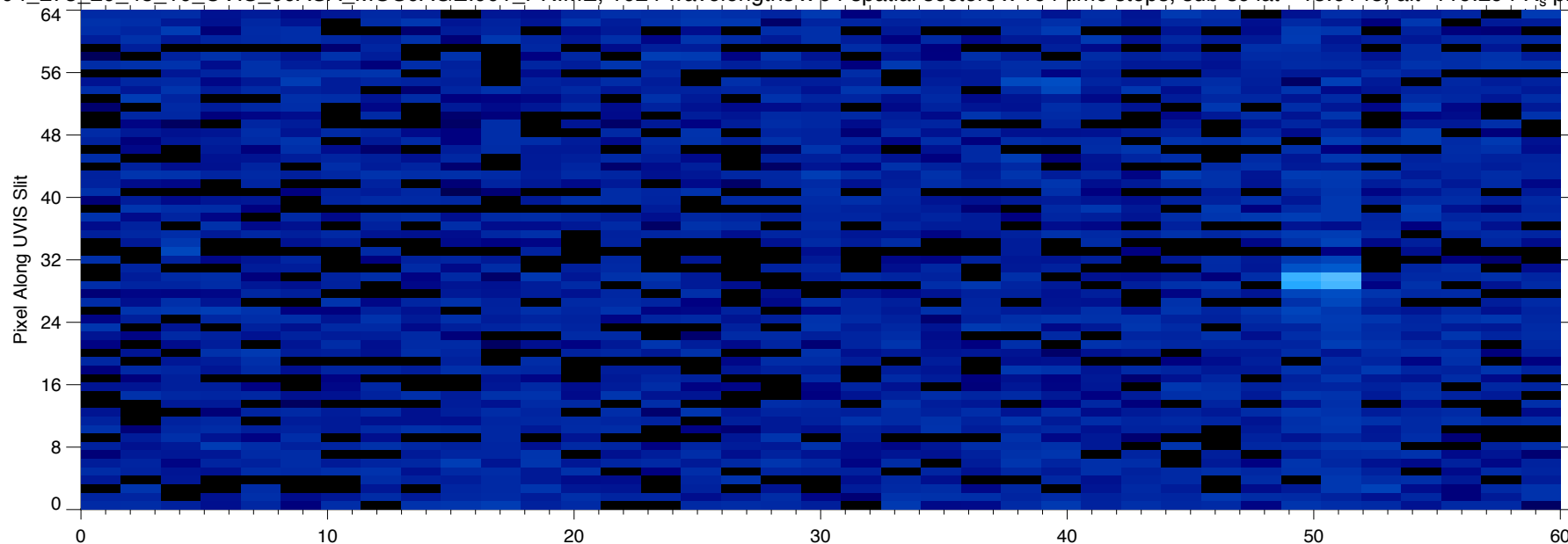
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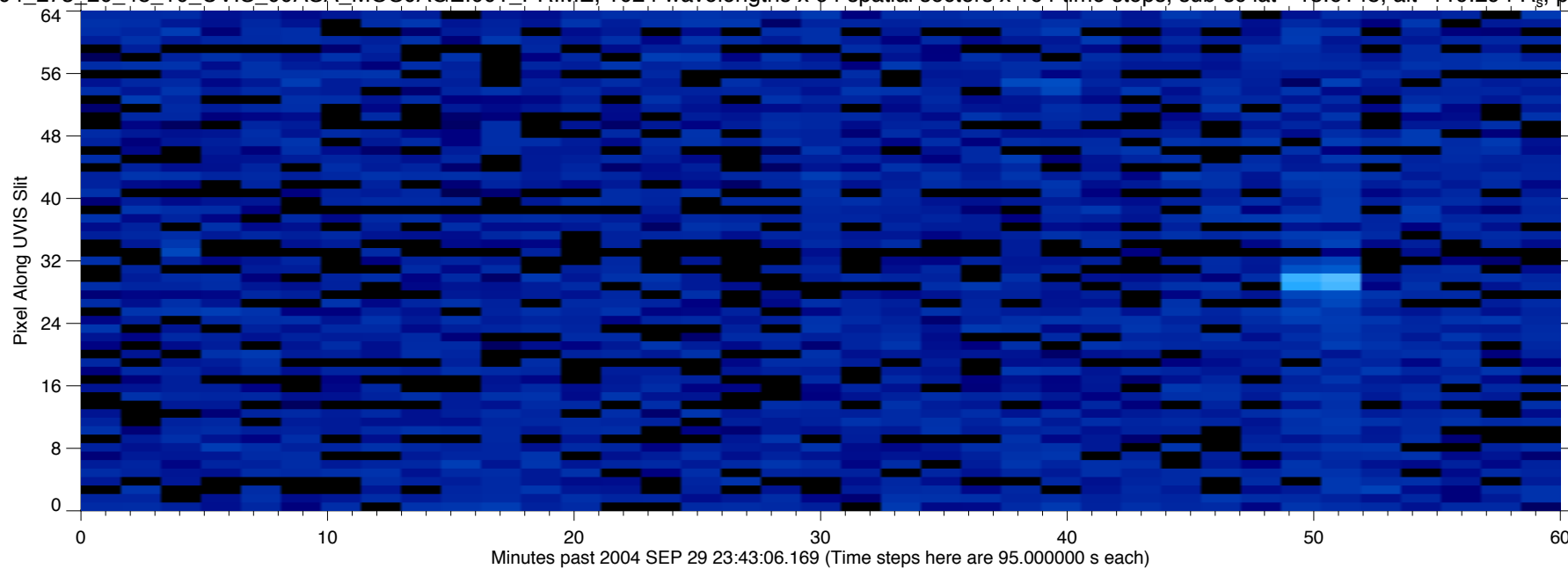
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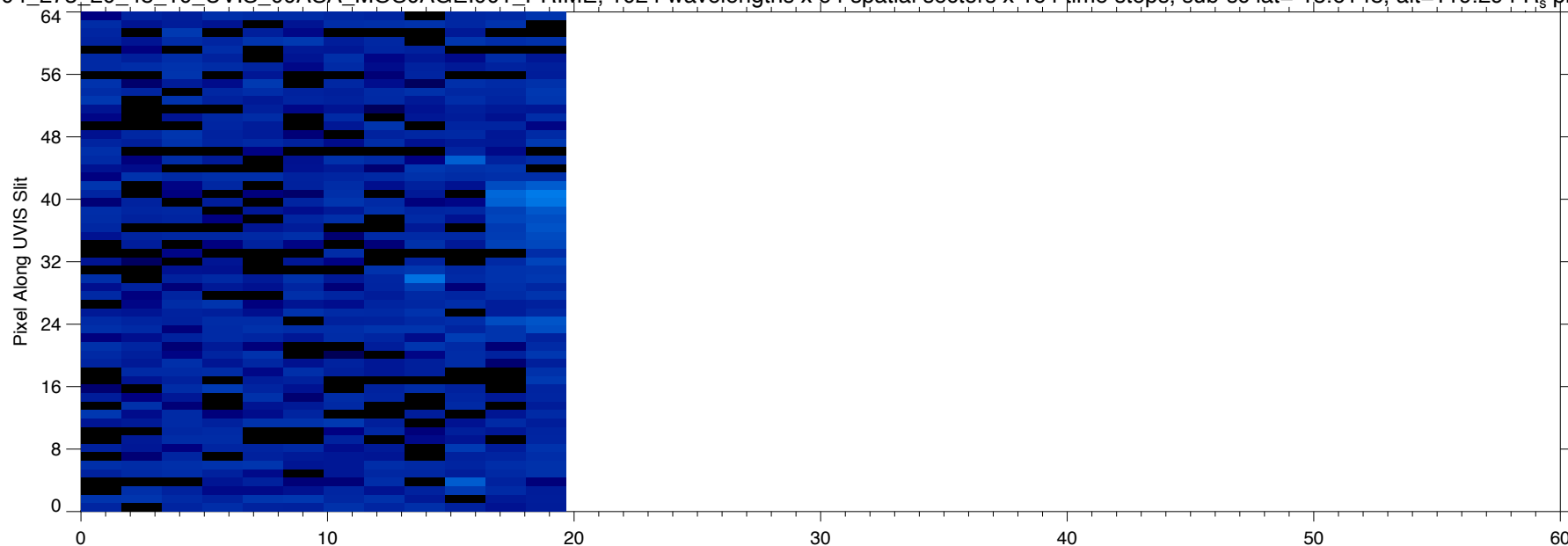
FUV2004_273_20_48_10_UVIS_00ASA_MOS0AGEI001_PRIME, 1024 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-15.6148, alt=119.294 R_s, phase=75.8063



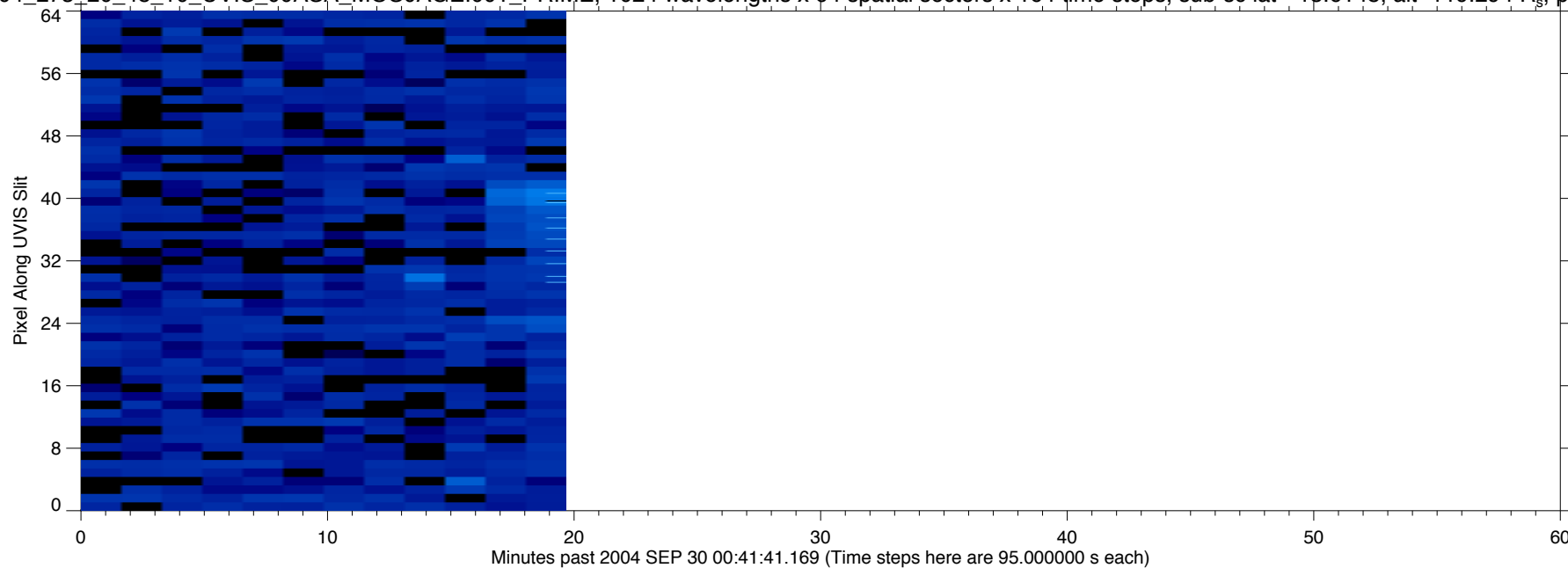
FUV2004_273_20_48_10_UVIS_00ASA_MOS0AGEI001_PRIME, 1024 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-15.6148, alt=119.294 R_s, phase=75.8063



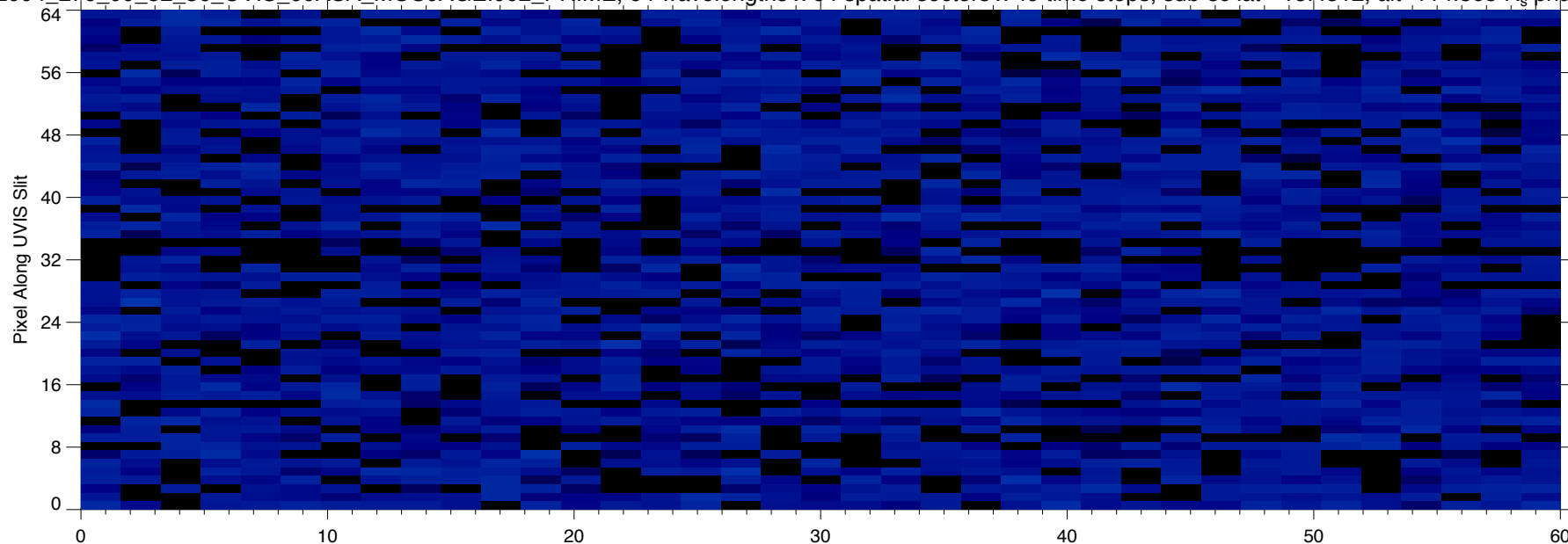
FUV2004_273_20_48_10_UVIS_00ASA_MOS0AGEI001_PRIME, 1024 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-15.6148, alt=119.294 R_s, phase=75.8063



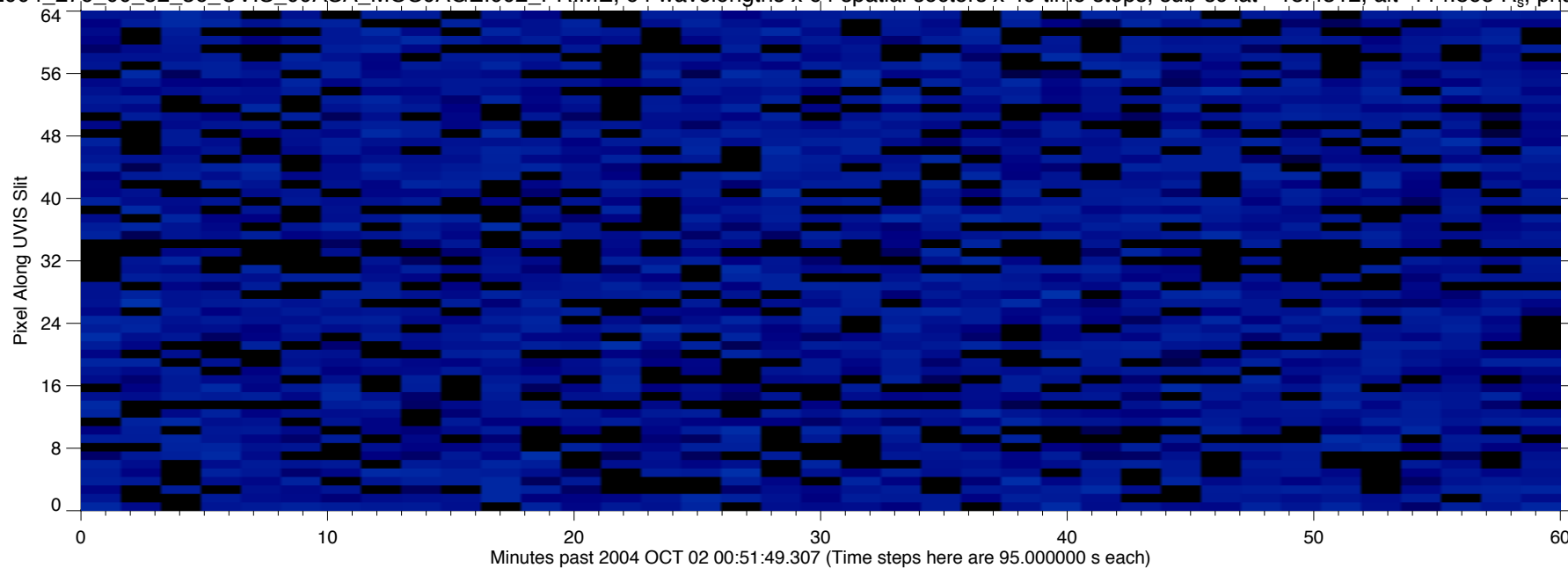
FUV2004_273_20_48_10_UVIS_00ASA_MOS0AGEI001_PRIME, 1024 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-15.6148, alt=119.294 R_s, phase=75.8063



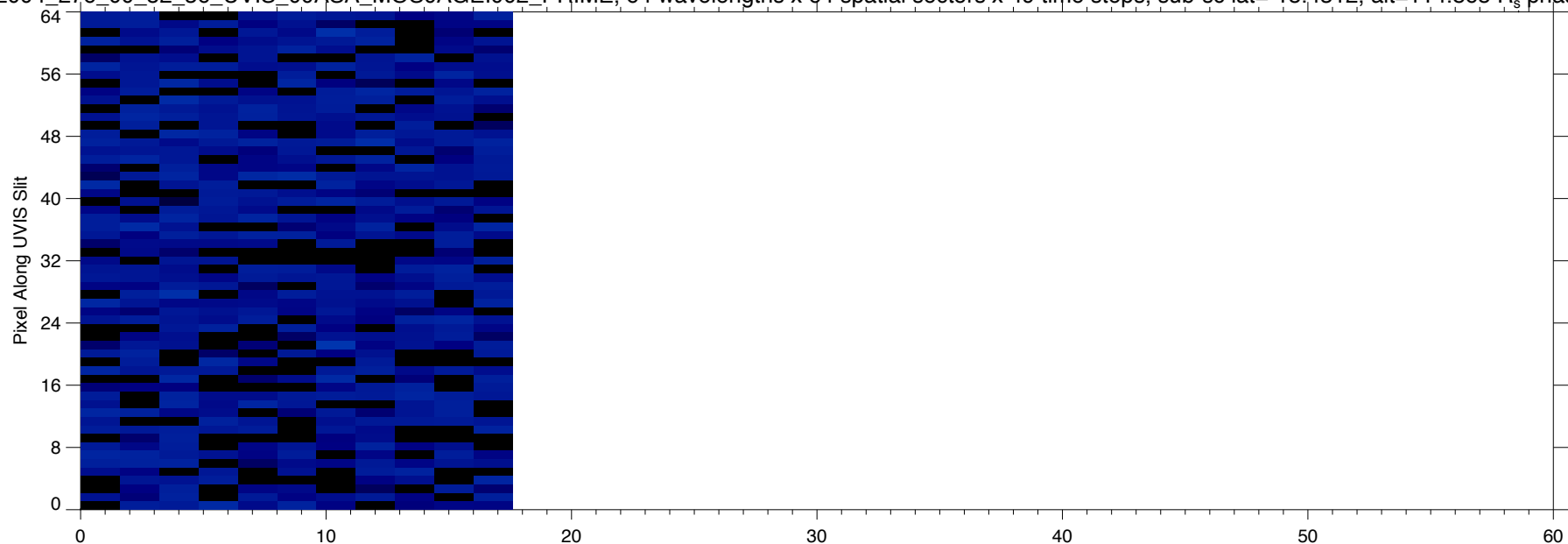
FUV2004_276_00_52_36_UVIS_00ASA_MOS0AGEI002_PRIME, 64 wavelengths x 64 spatial sectors x 49 time steps, sub-sc lat=-15.4312, alt=114.865 R_s phase=74.7826



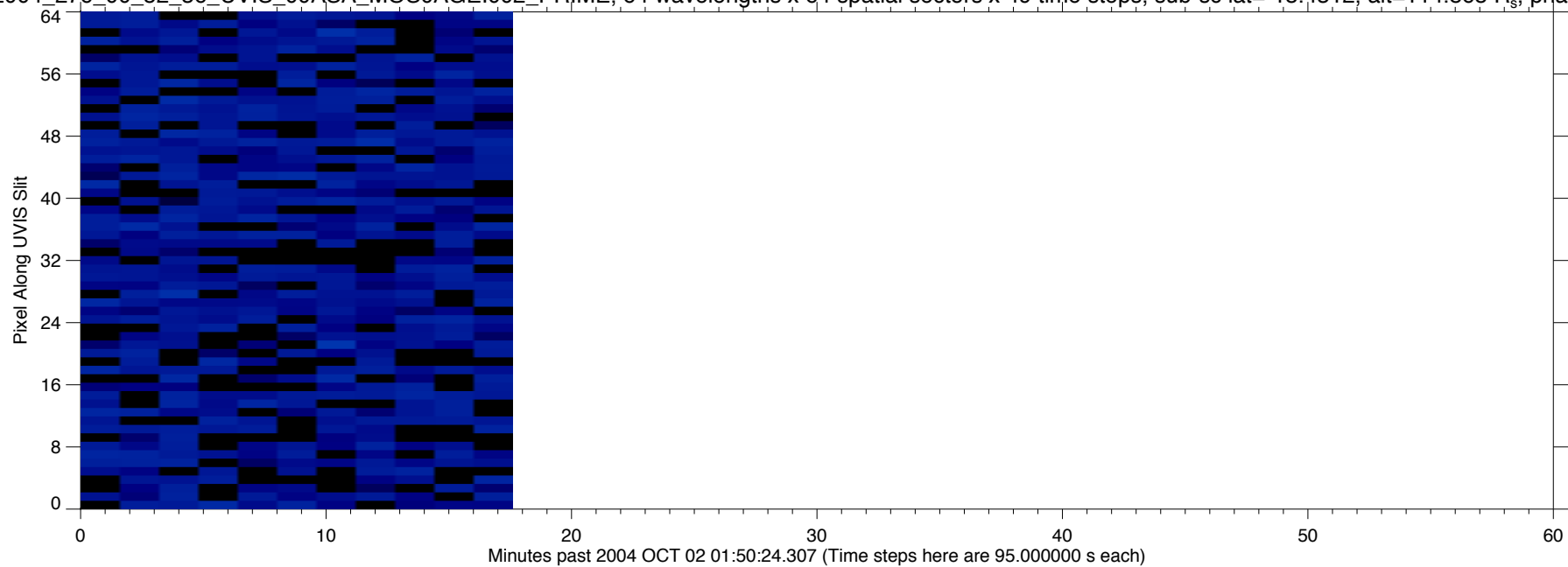
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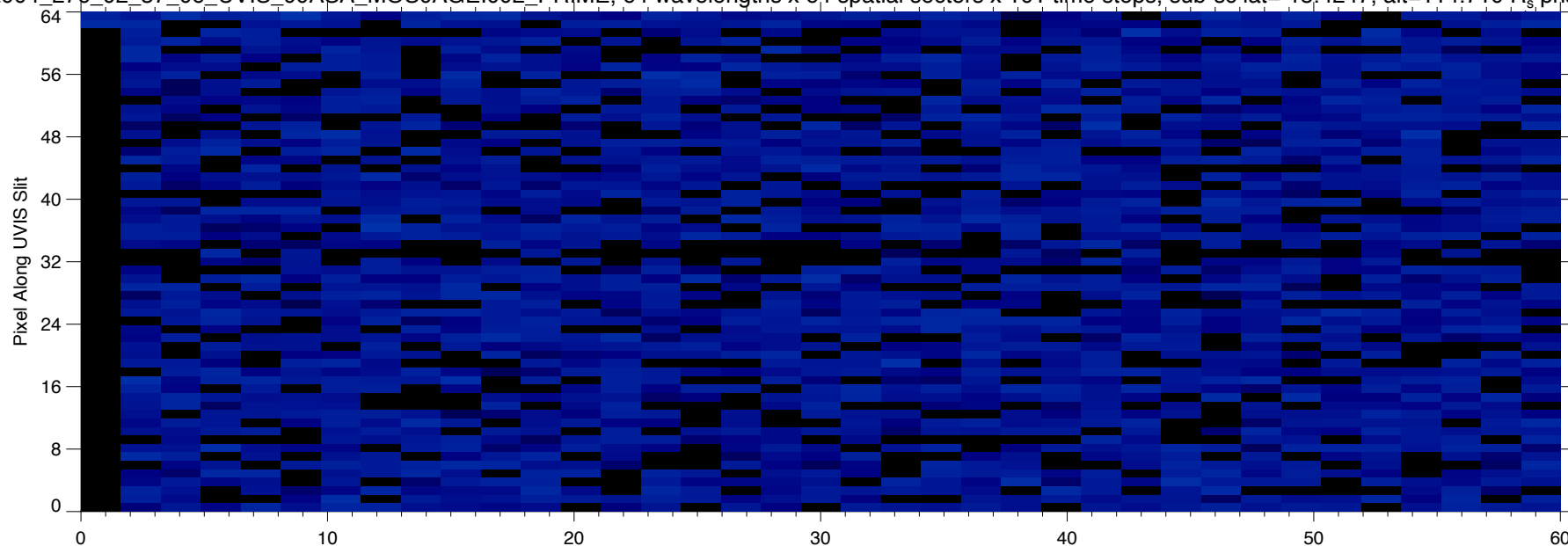
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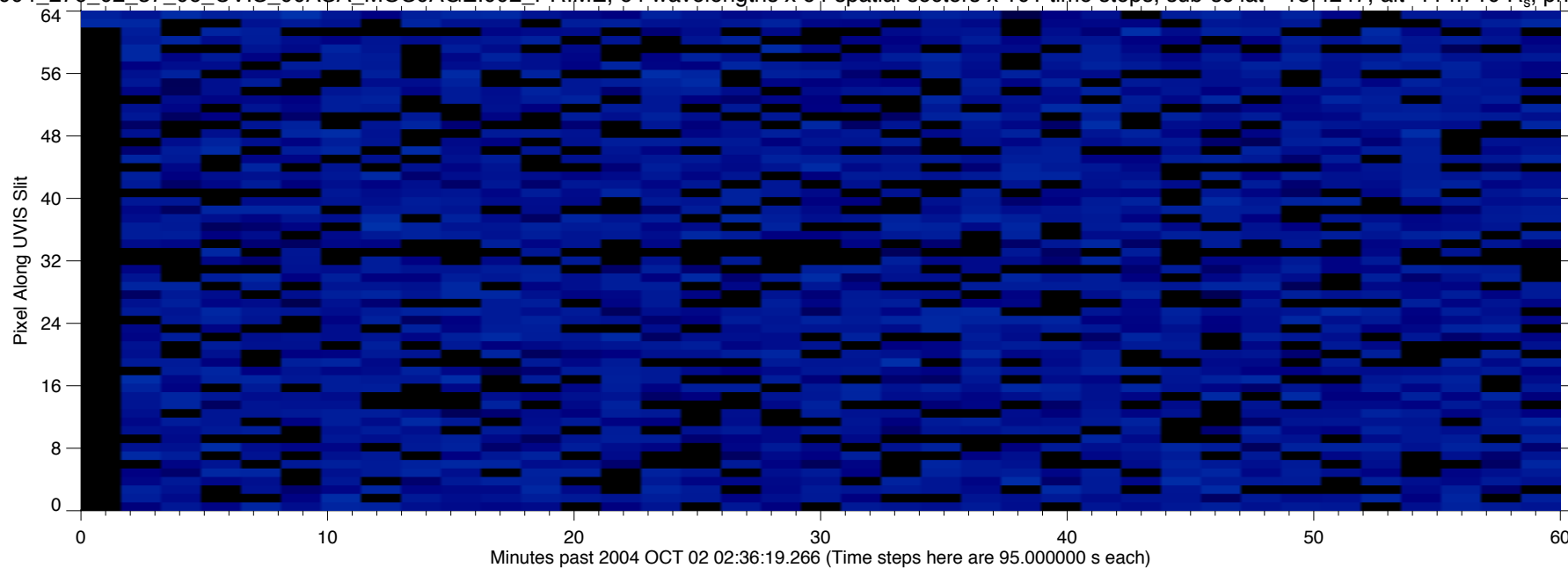
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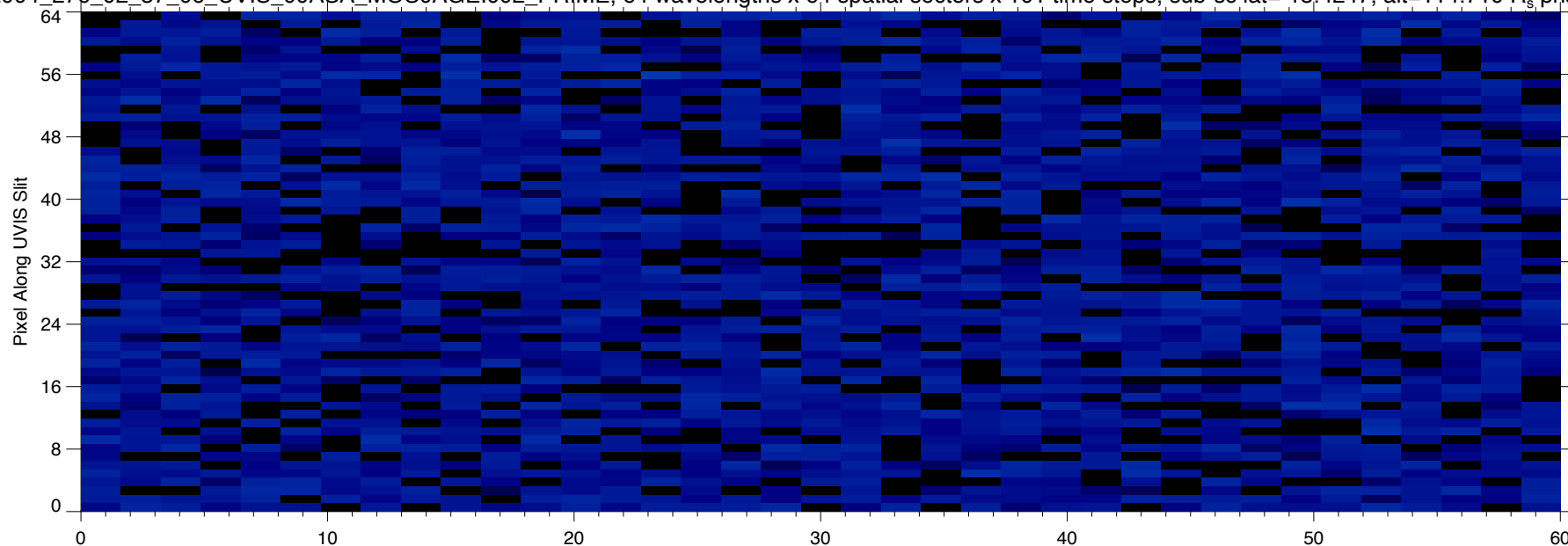
FUV2004_276_02_37_06_UVIS_00ASA_MOS0AGEI002_PRIME, 64 wavelengths x 64 spatial sectors x 101 time steps, sub-sc lat=-15.4247, alt=114.710 R_s, phase=74.7469



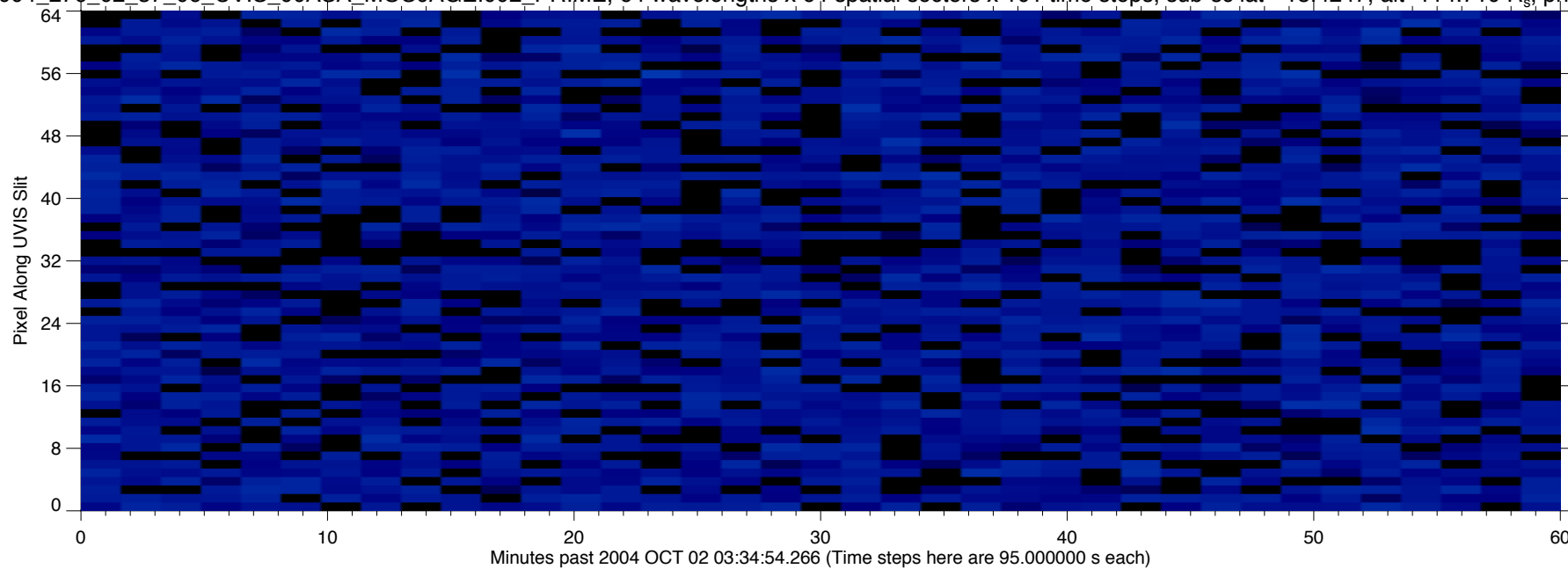
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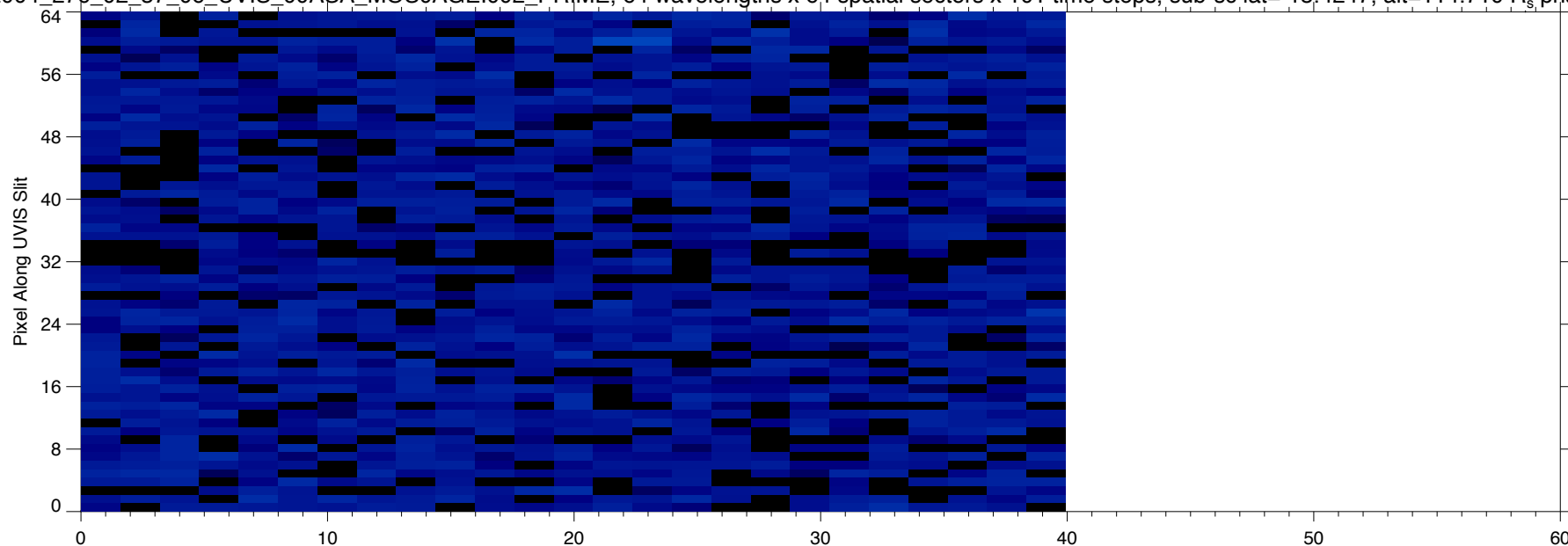
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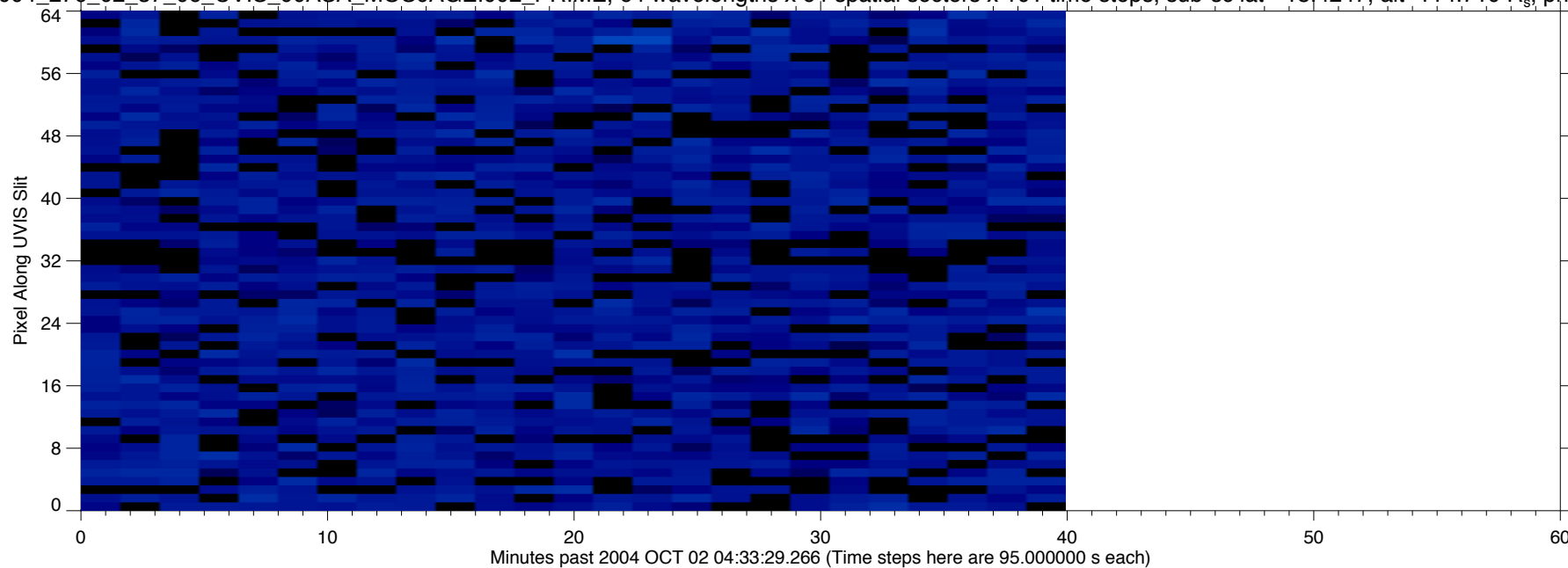
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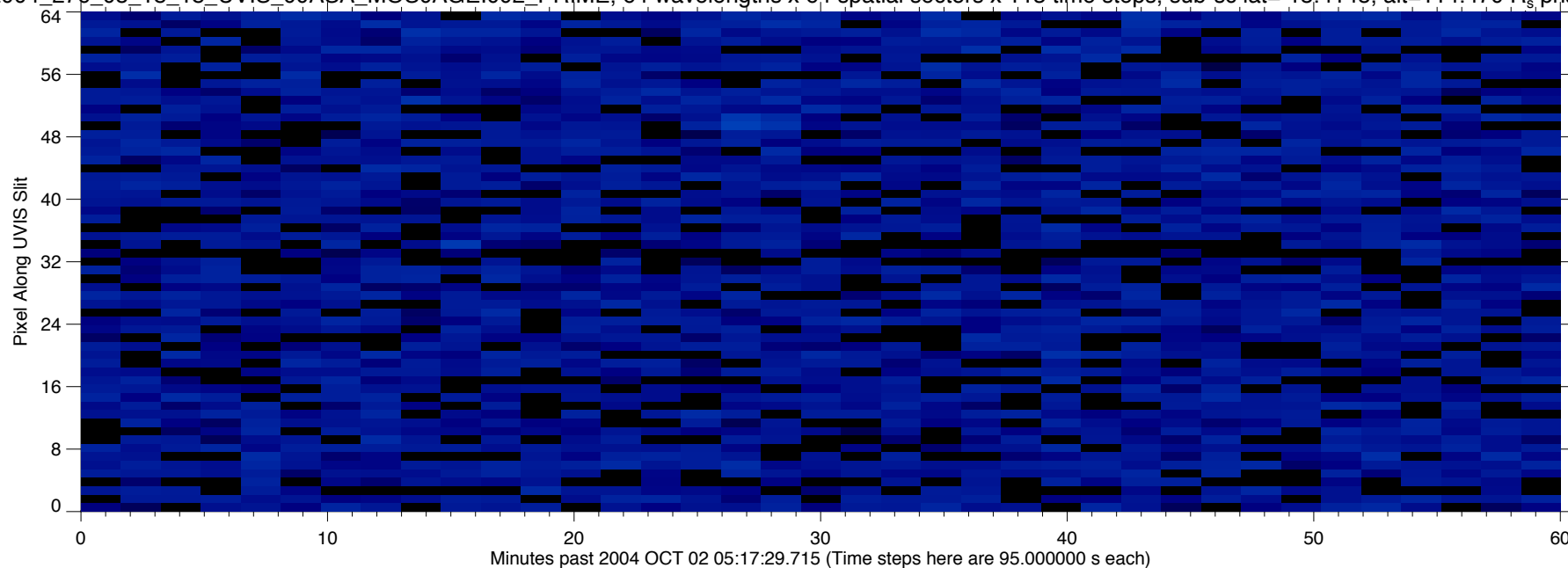
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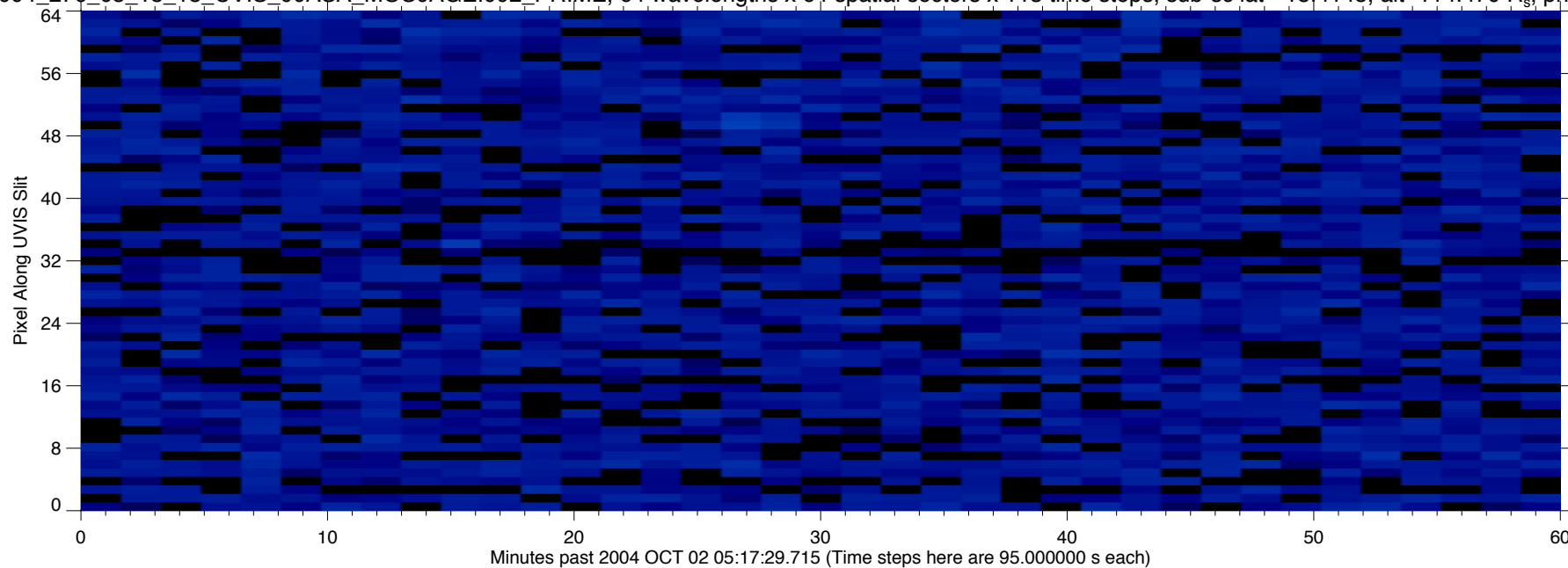
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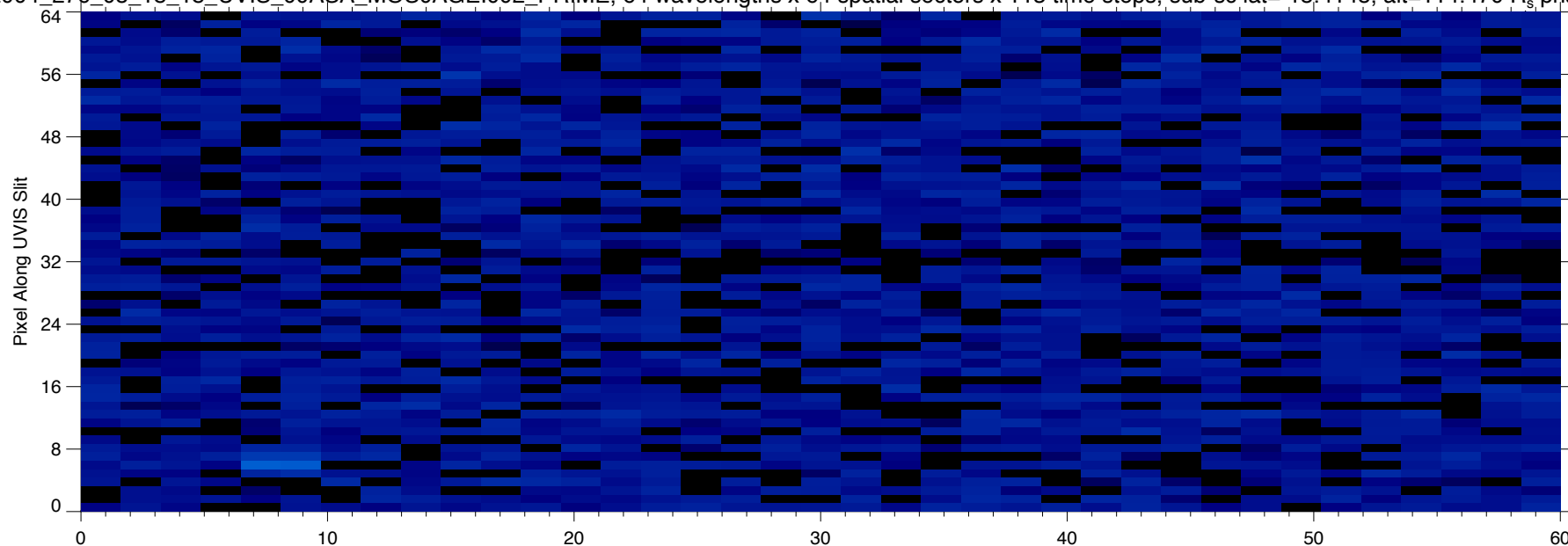
FUV2004_276_05_18_18_UVIS_00ASA_MOS0AGEI002_PRIME, 64 wavelengths x 64 spatial sectors x 113 time steps, sub-sc lat=-15.4145, alt=114.470 R_s, phase=74.6916



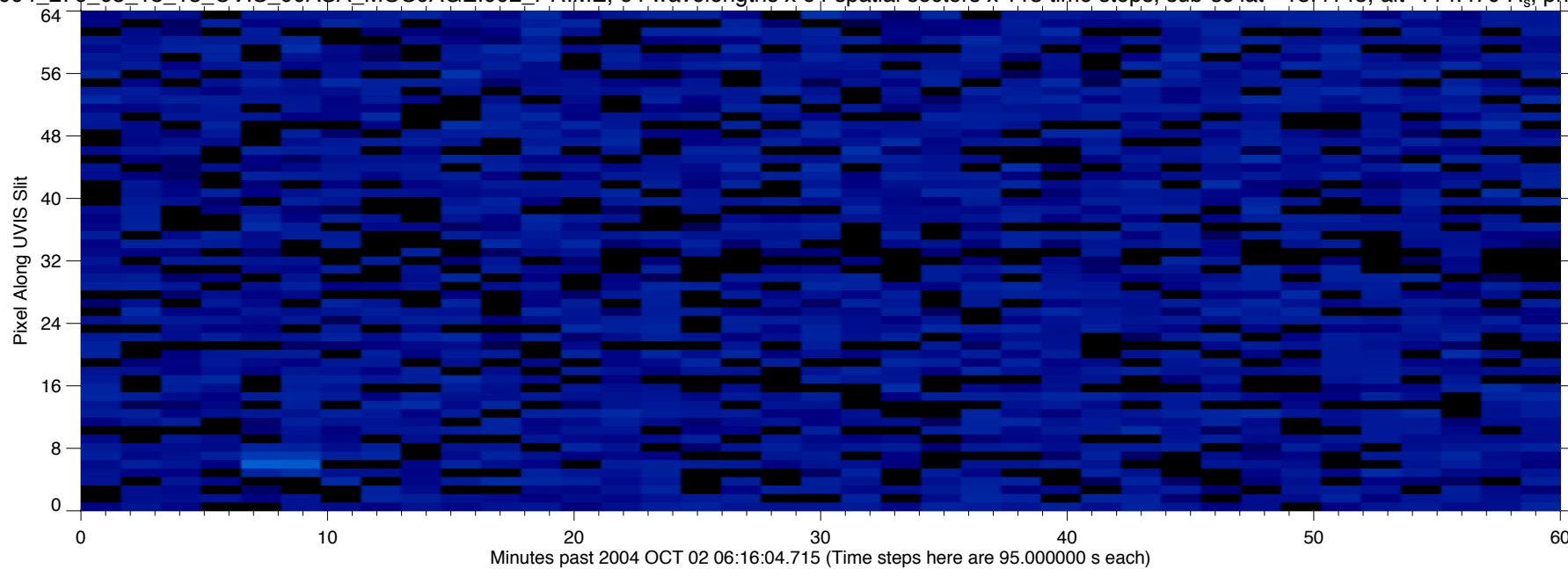
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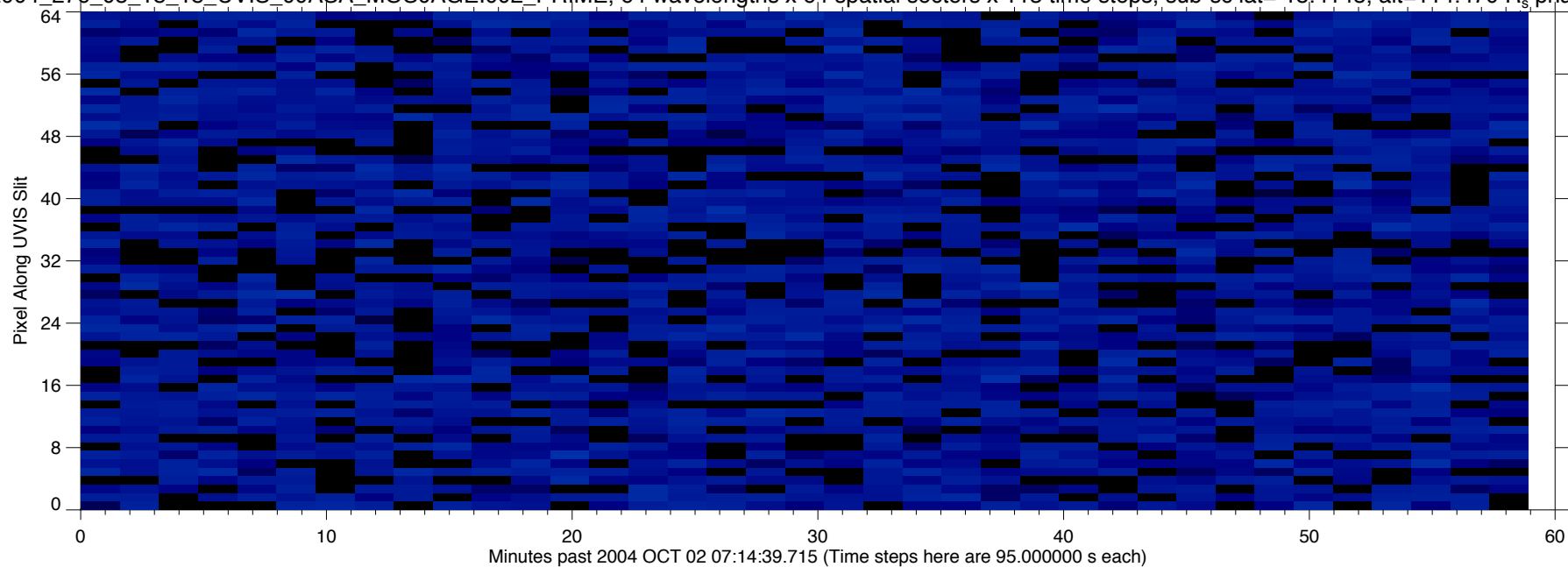
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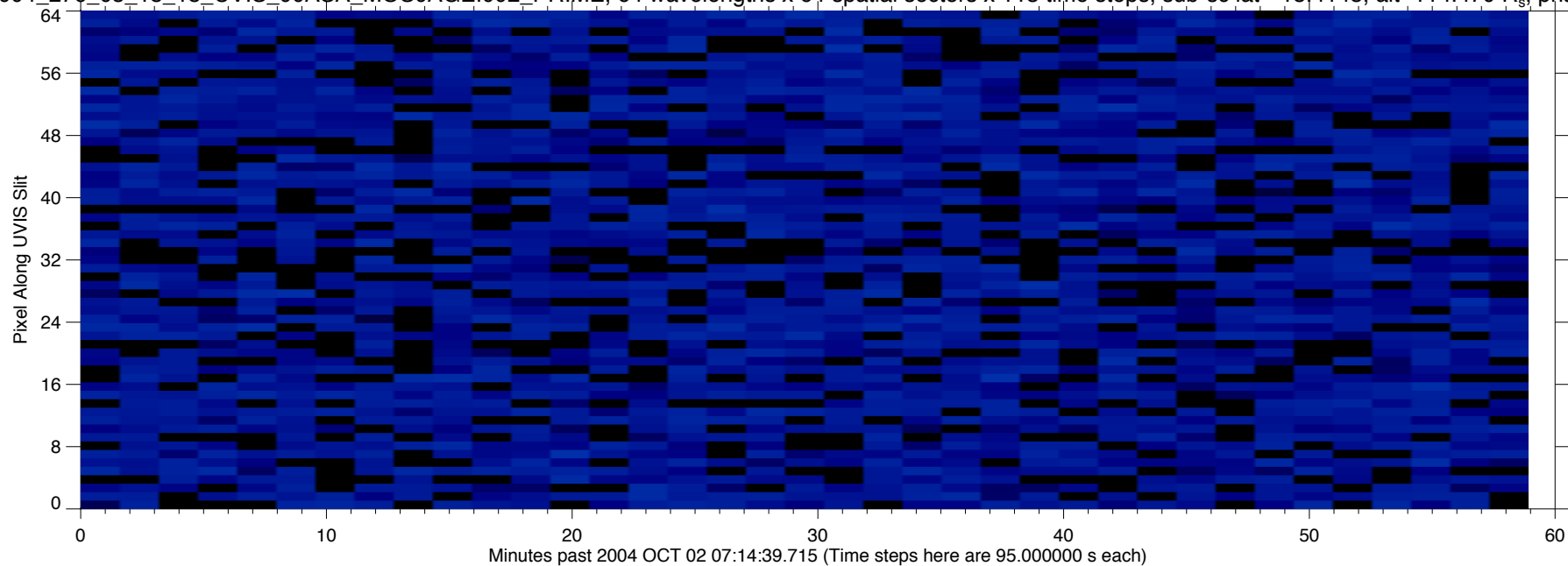
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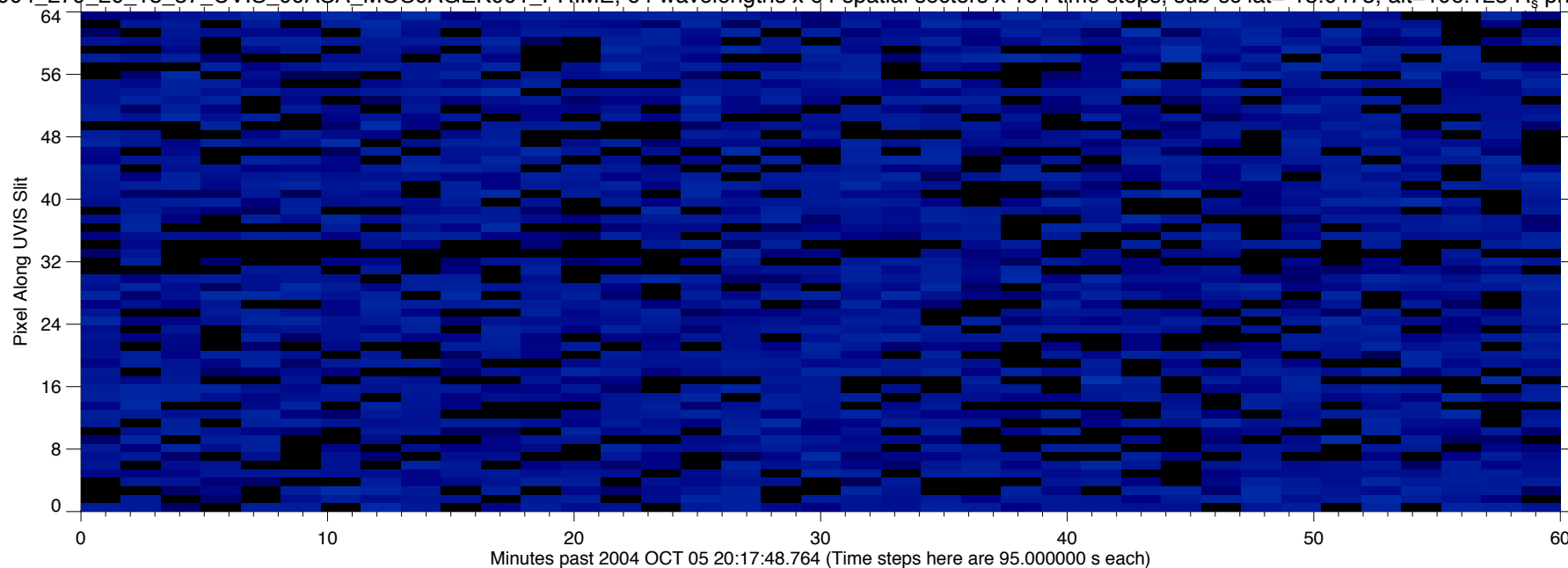
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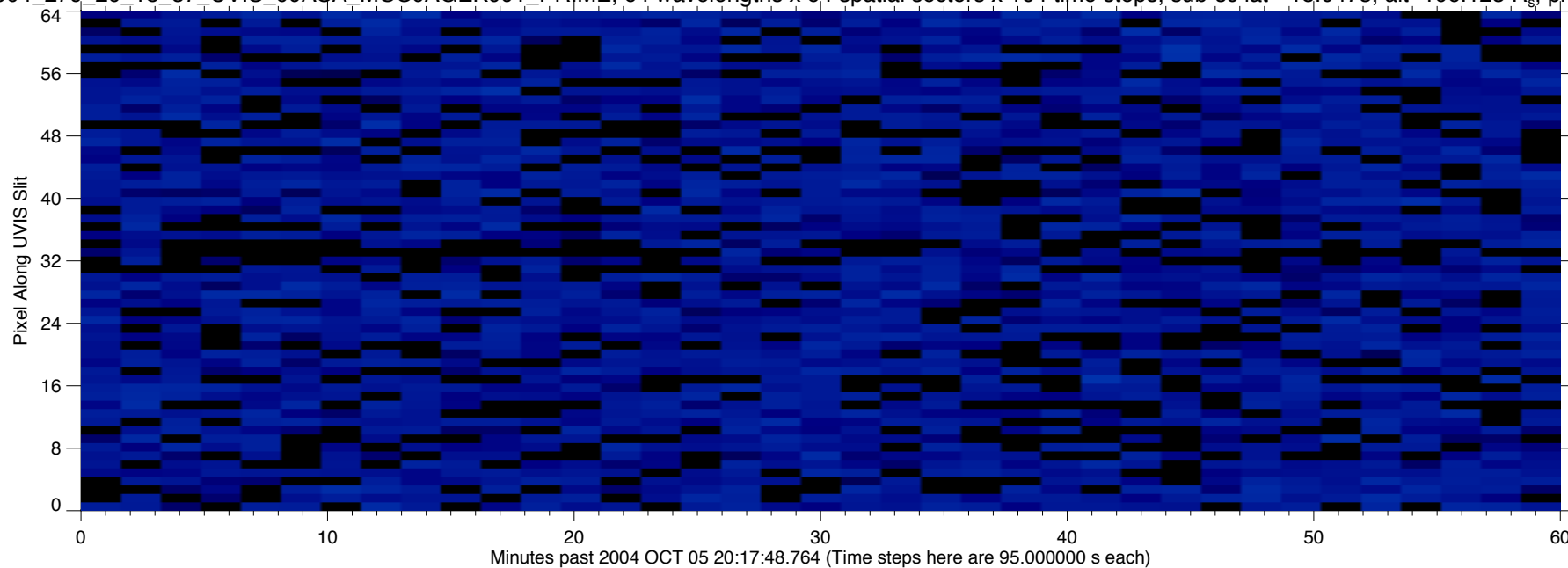
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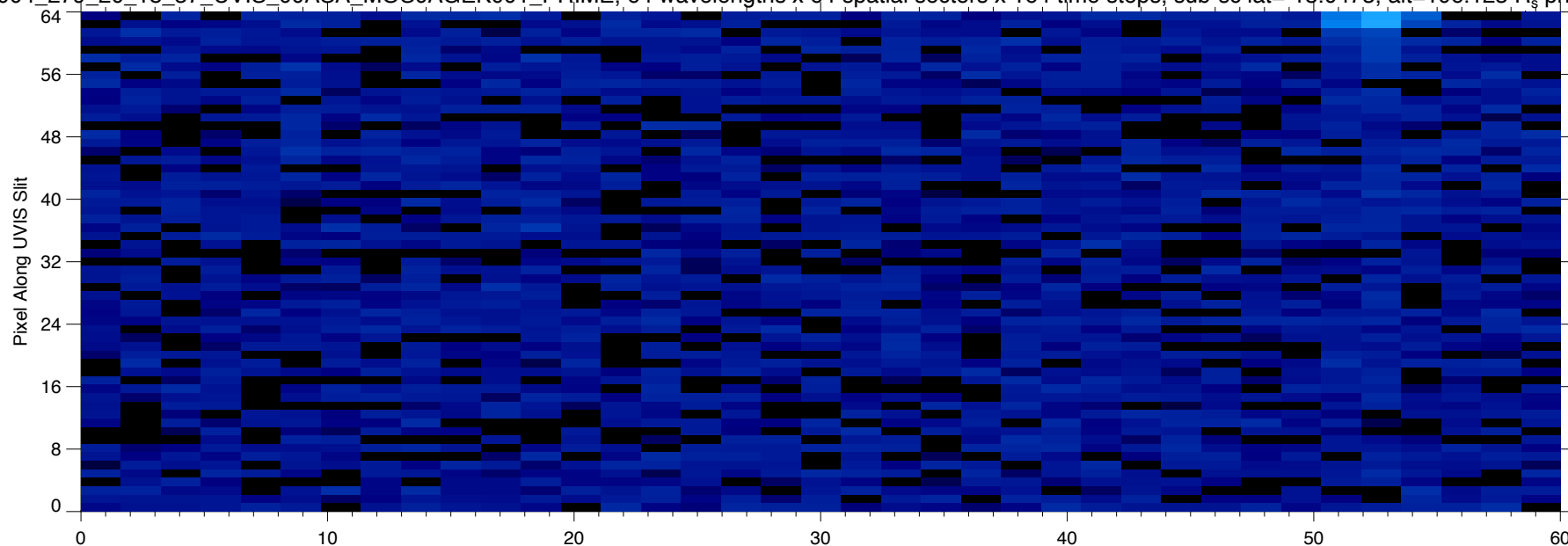
FUV2004_279_20_18_37_UVIS_00ASA_MOS0AGEK001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-15.0473, alt=106.123 R_s, phase=72.7519



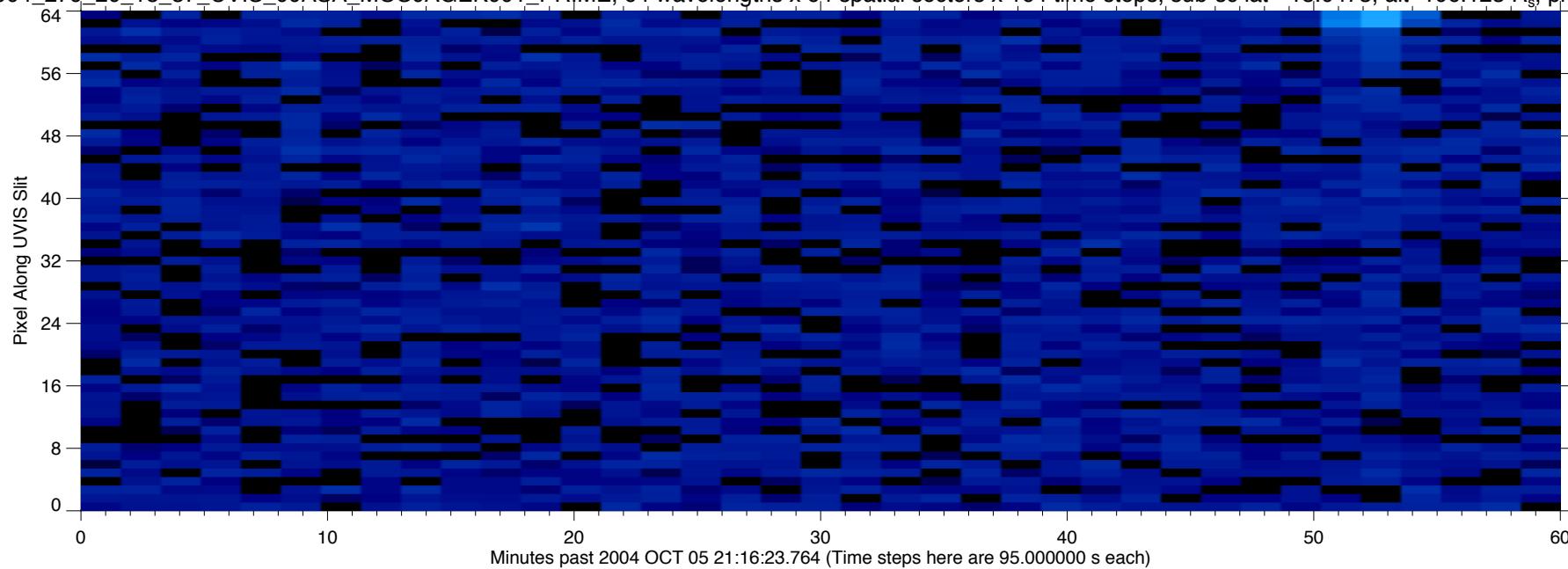
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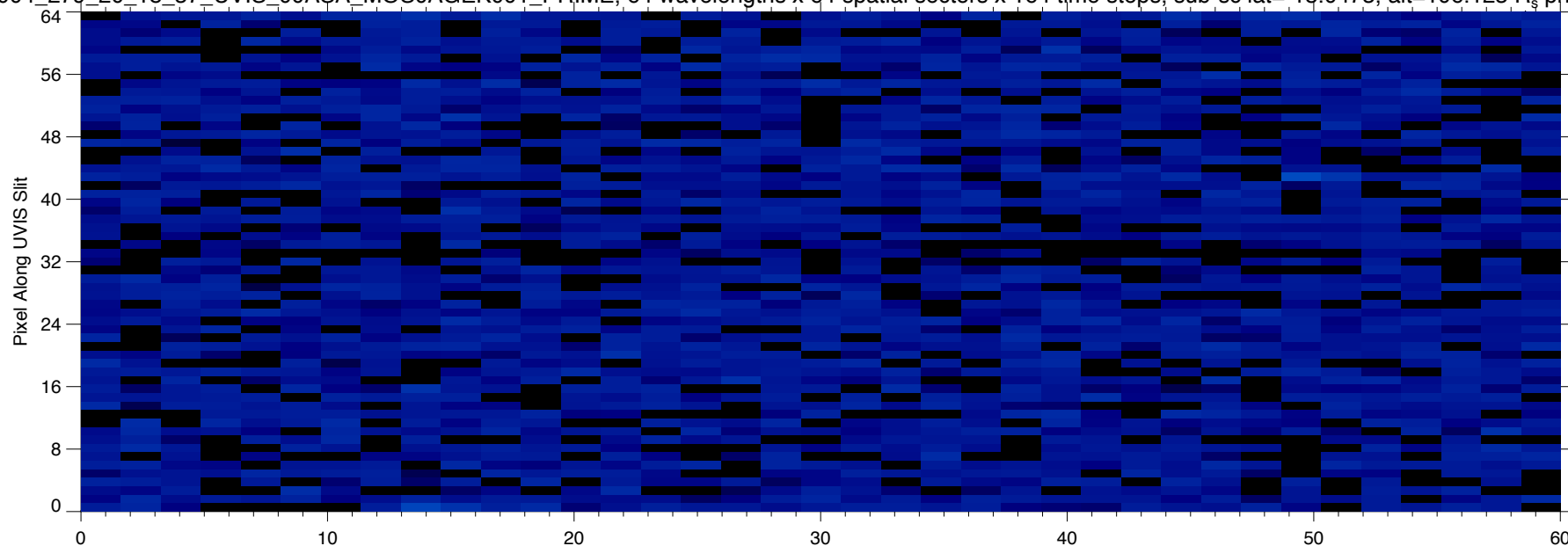
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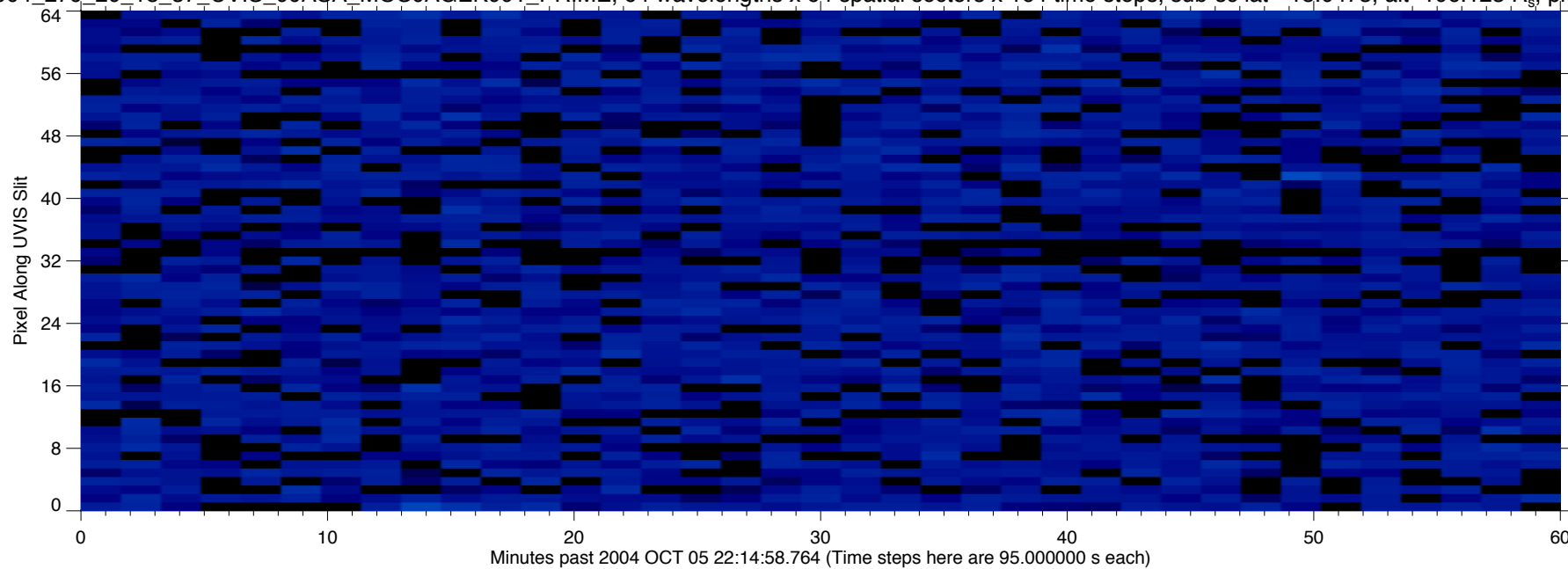
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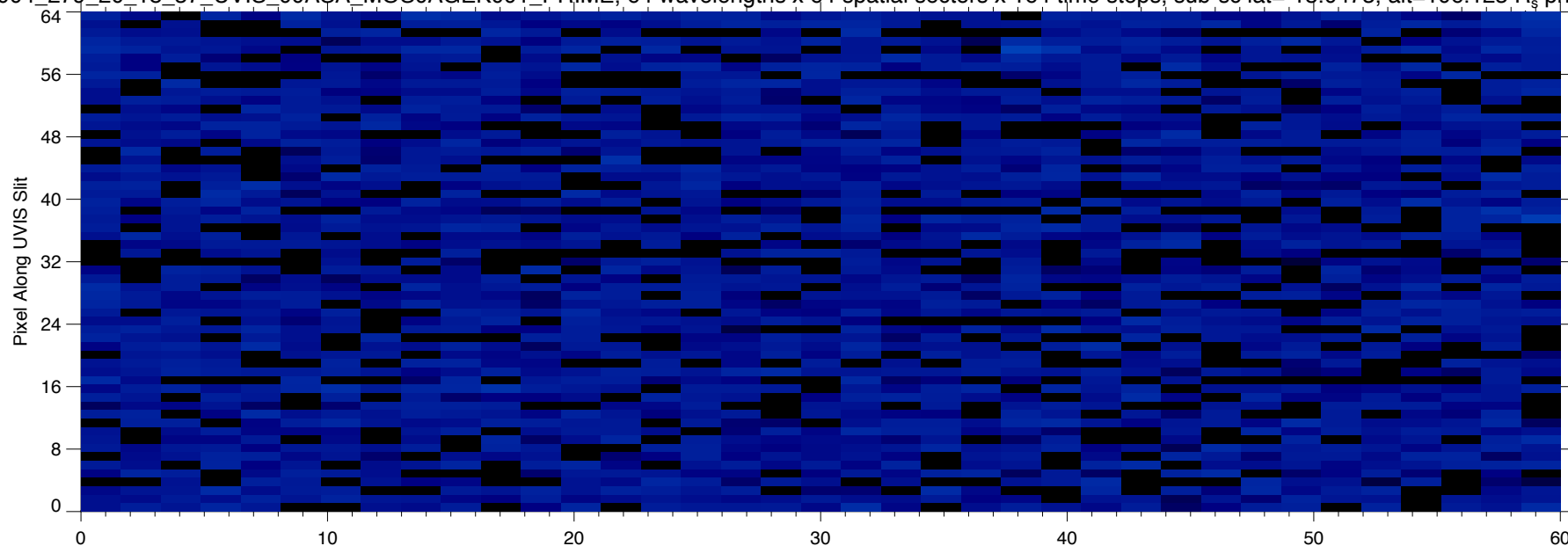
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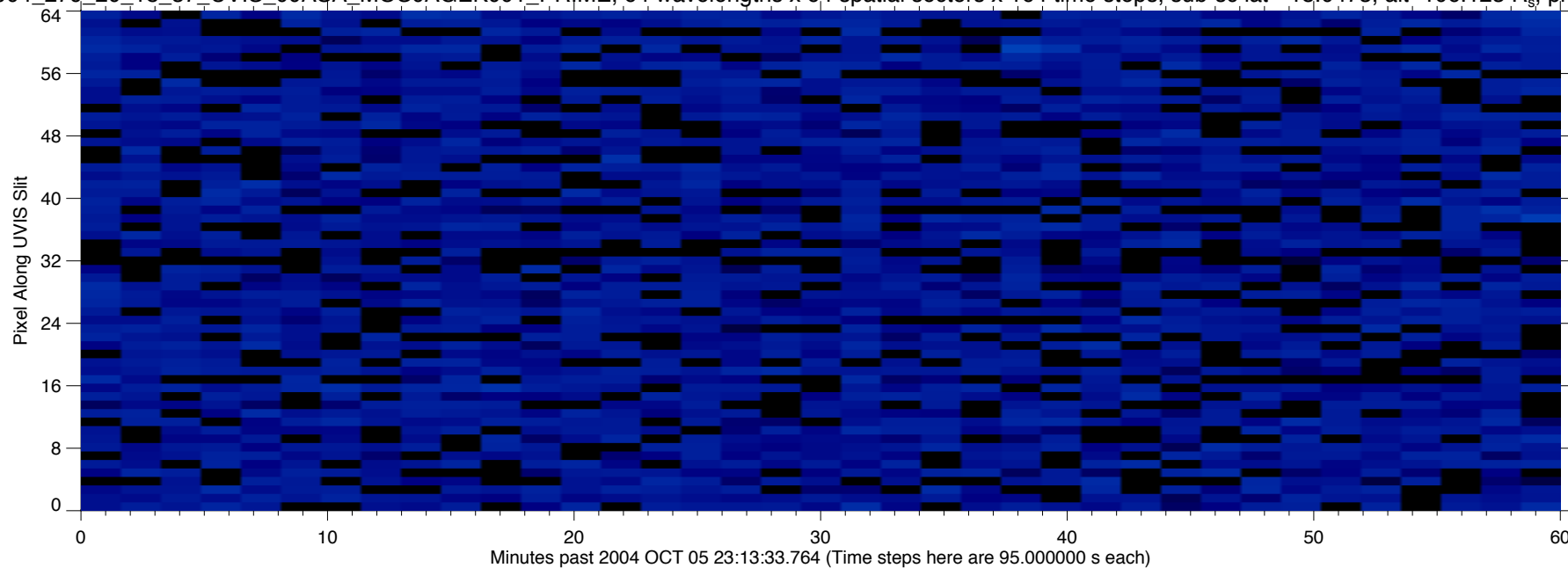
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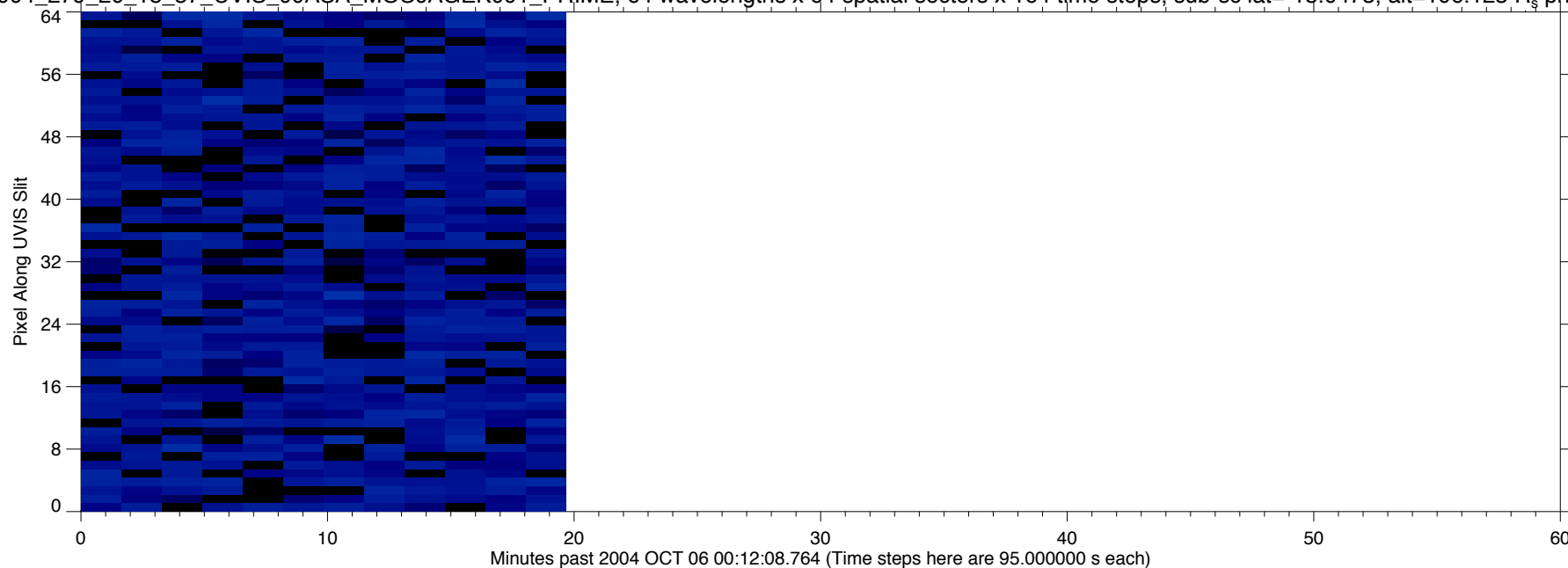
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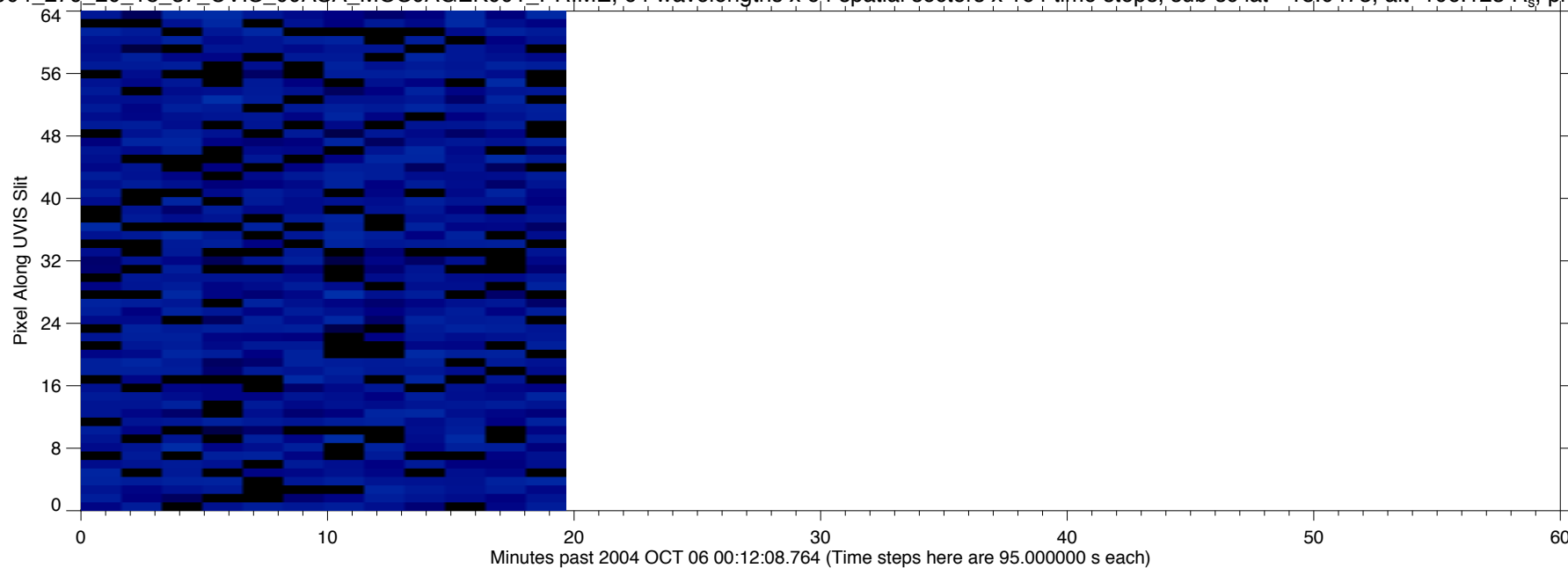
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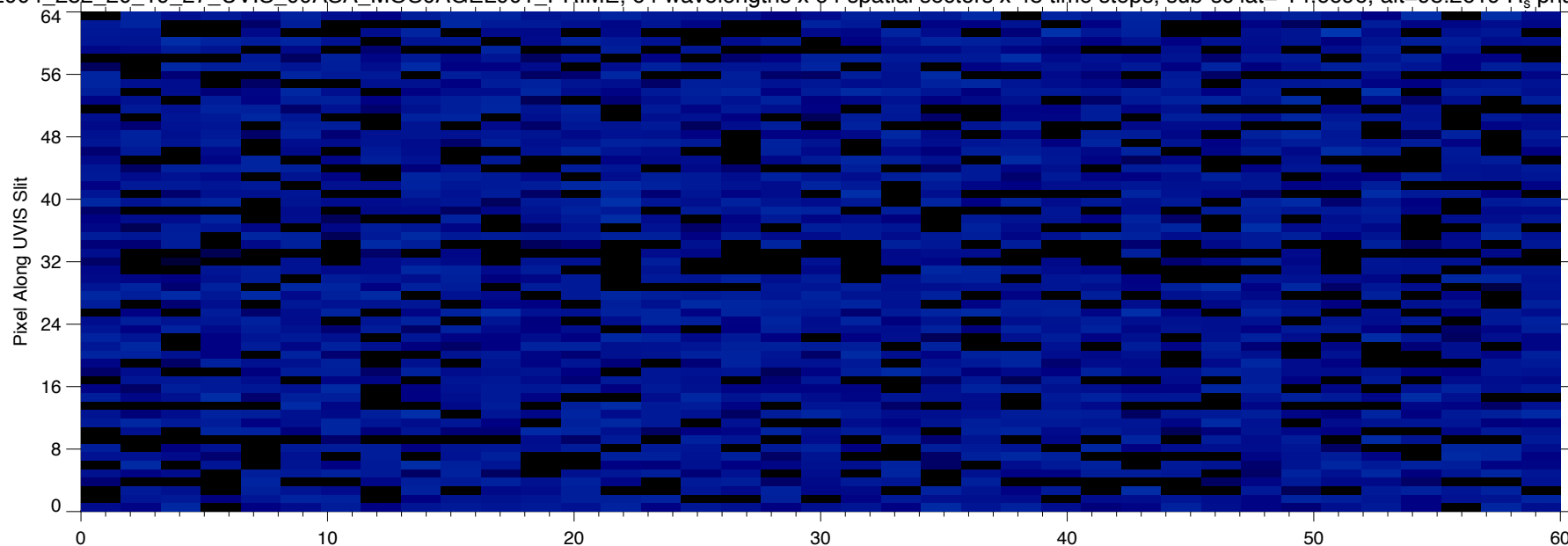
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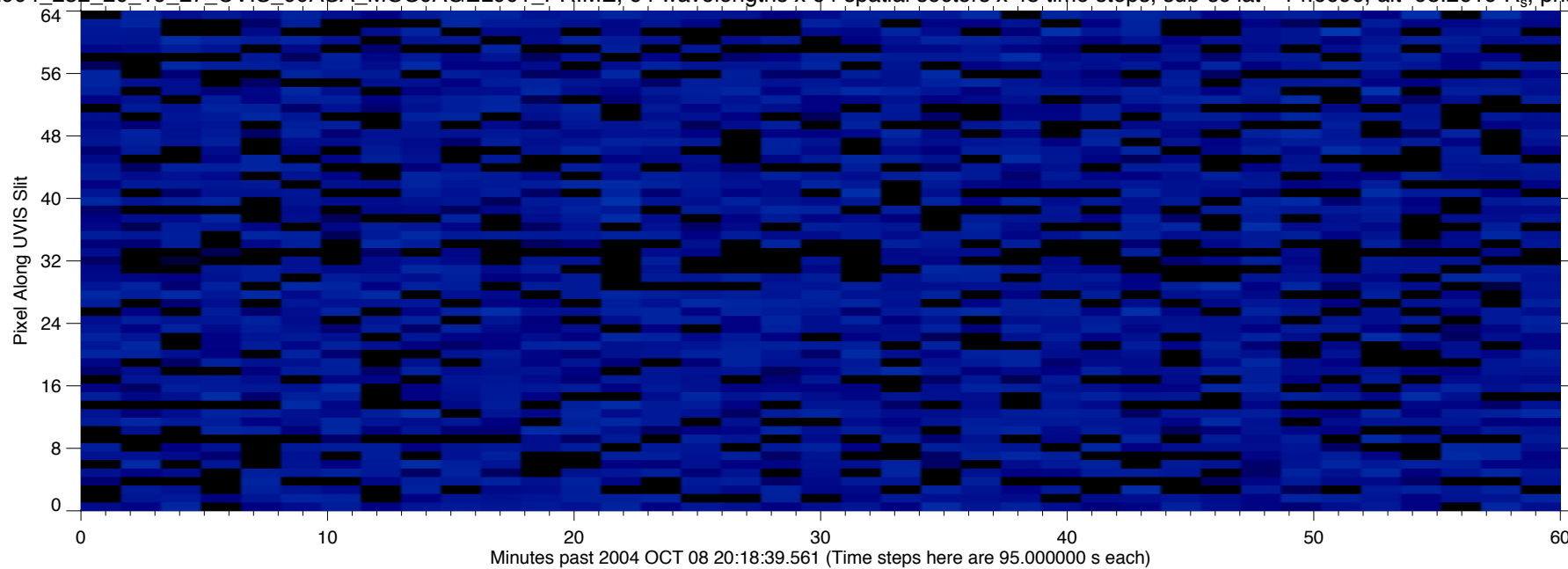
FUV2004_279_20_18_37_UVIS_00ASA_MOS0AGEK001_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-15.0473, alt=106.123 R_s, phase=72.7519



FUV2004_282_20_19_27_UVIS_00ASA_MOS0AGEL001_PRIME, 64 wavelengths x 64 spatial sectors x 48 time steps, sub-sc lat=-14.6696, alt=98.2619 R_s, phase=70.8693



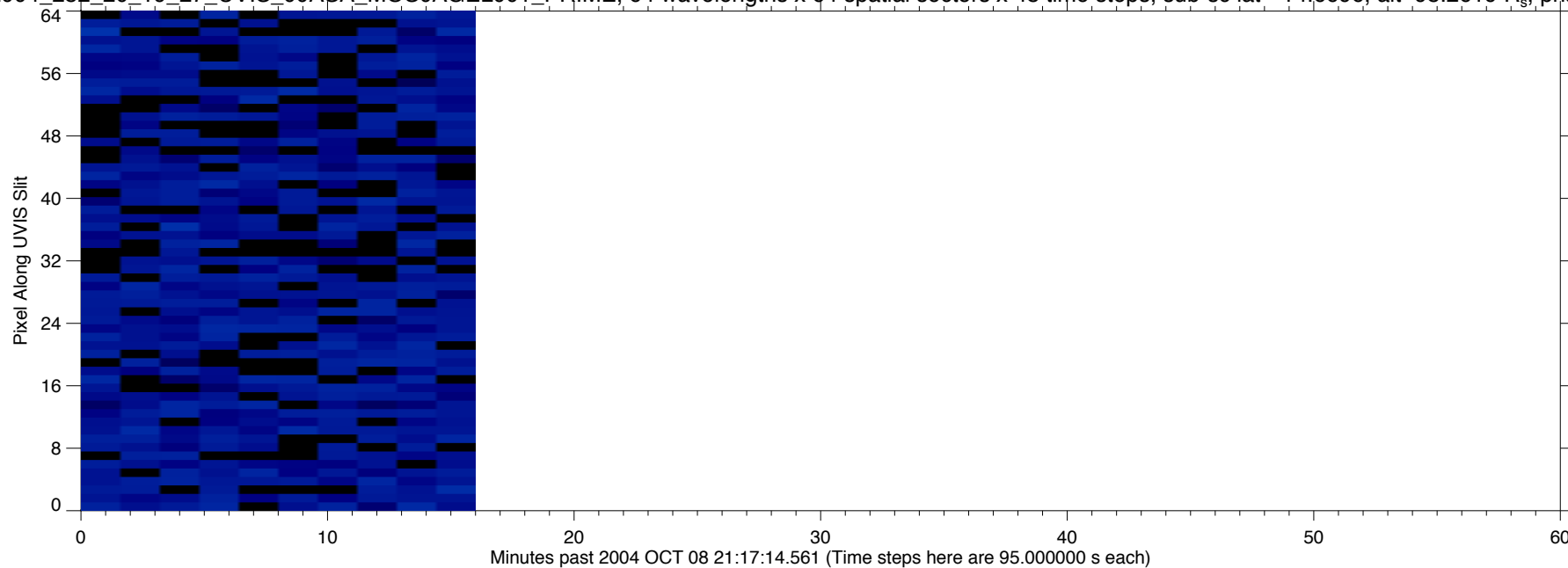
FUV2004_282_20_19_27_UVIS_00ASA_MOS0AGEL001_PRIME, 64 wavelengths x 64 spatial sectors x 48 time steps, sub-sc lat=-14.6696, alt=98.2619 R_s, phase=70.8693



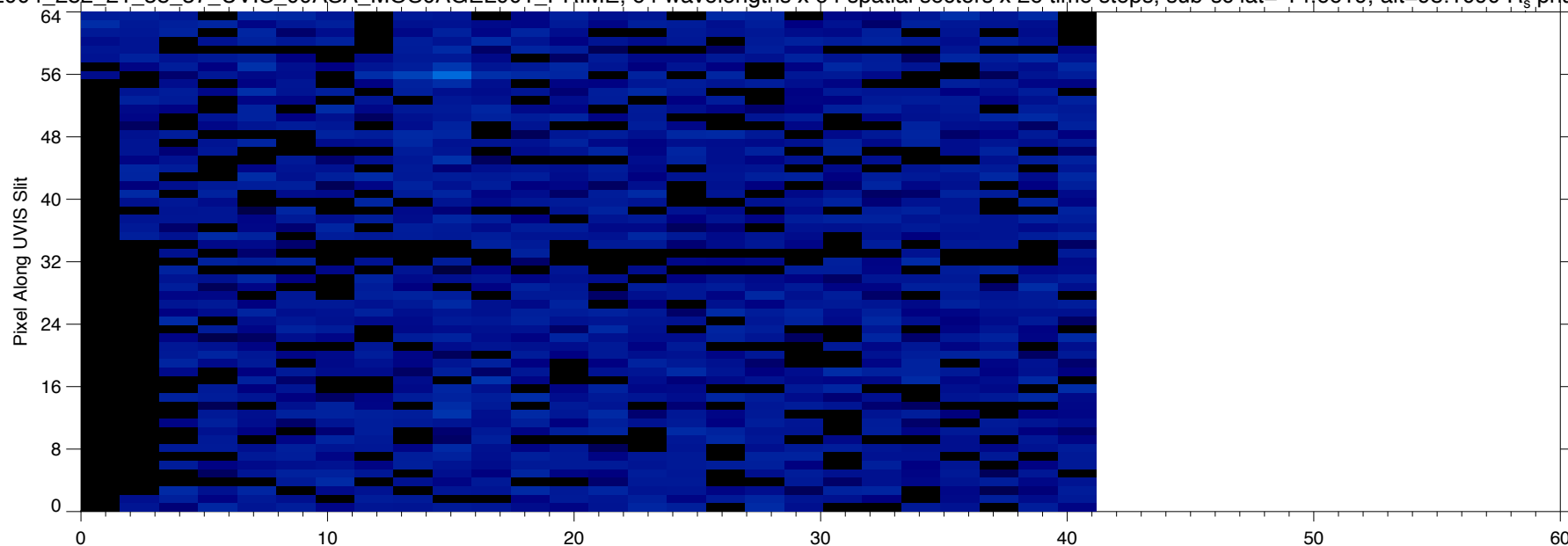
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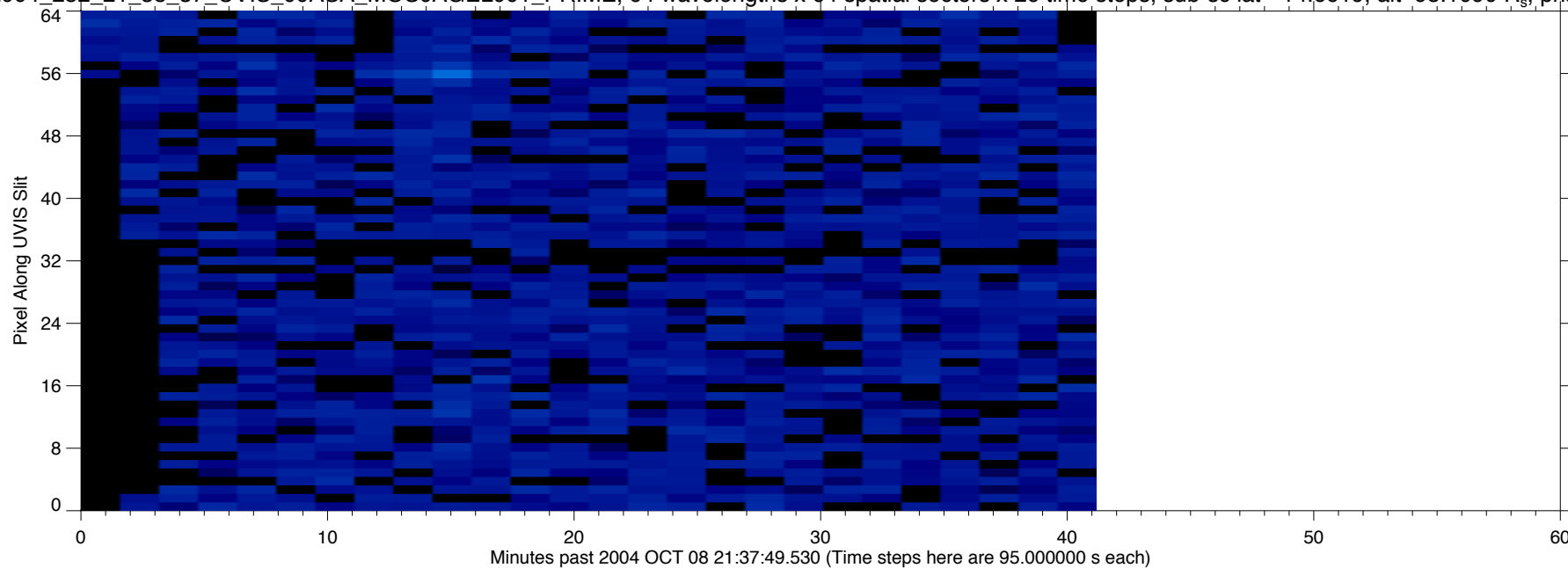
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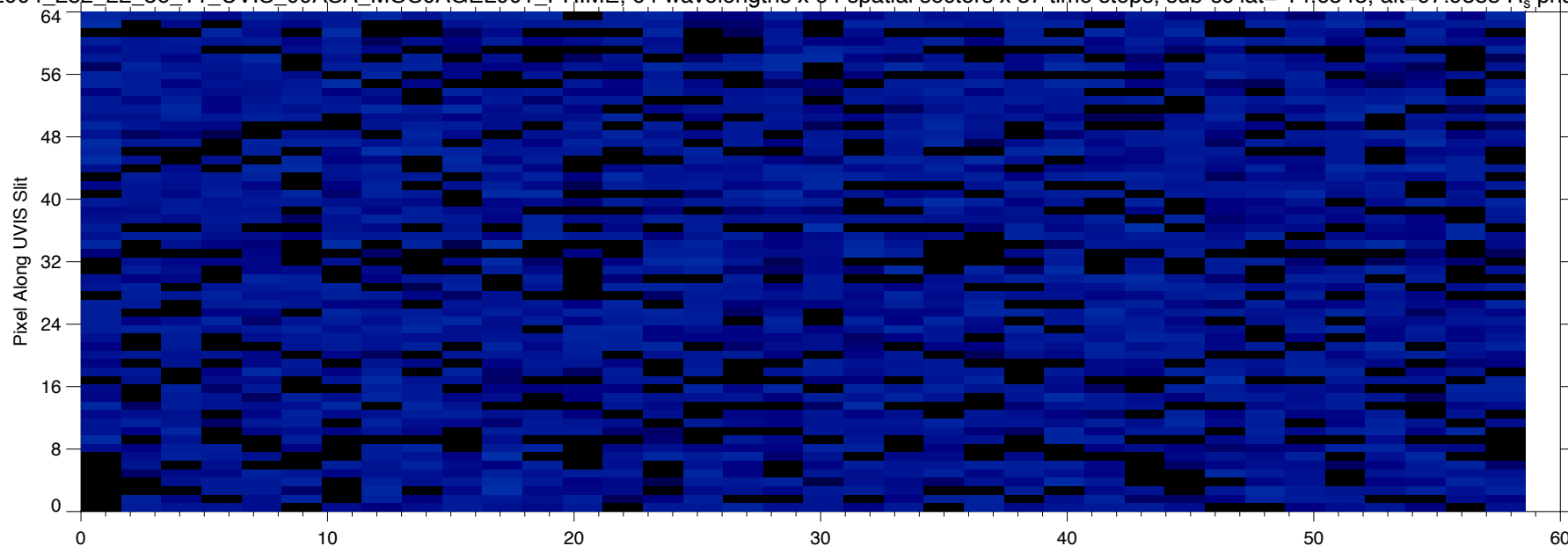
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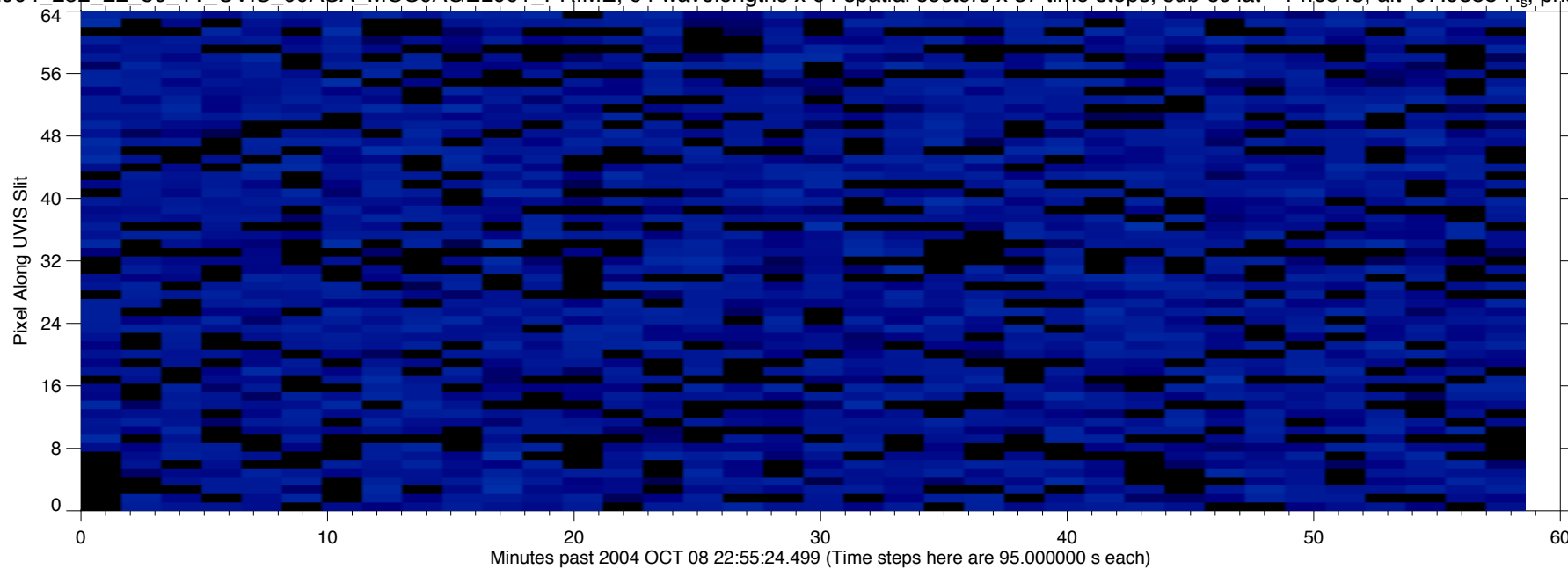
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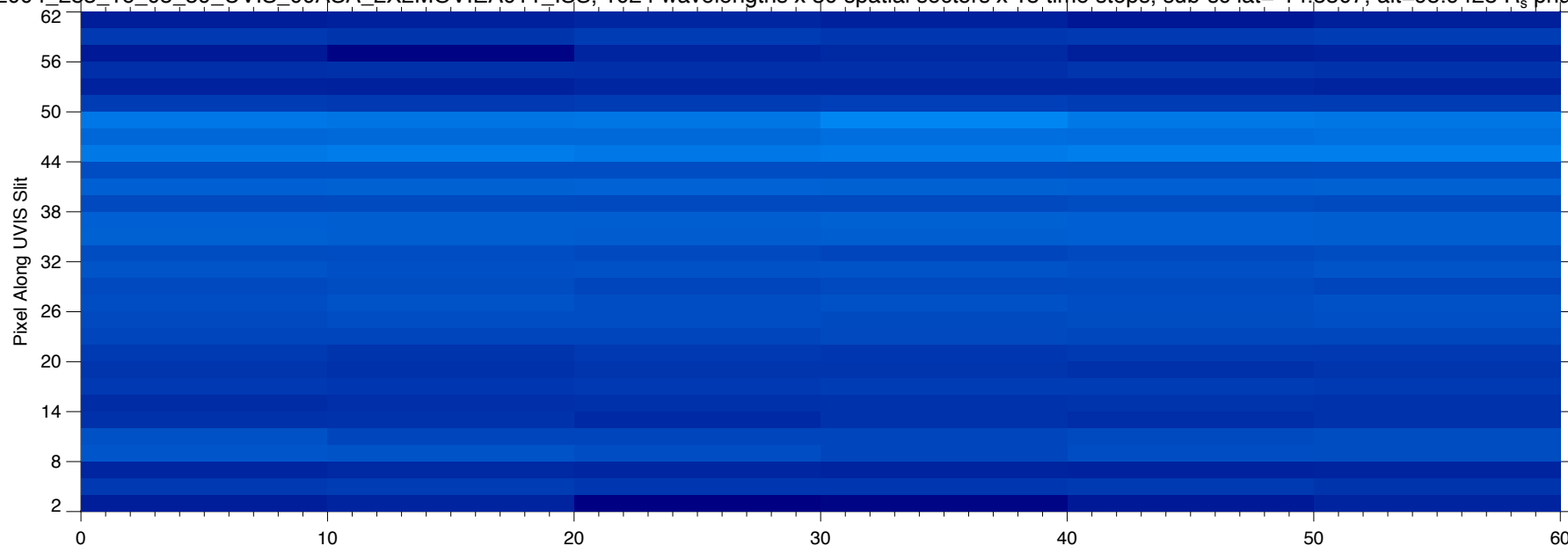
FUV2004_282_22_56_11_UVIS_00ASA_MOS0AGEL001_PRIME, 64 wavelengths x 64 spatial sectors x 37 time steps, sub-sc lat=-14.6543, alt=97.9588 R_s, phase=70.7951



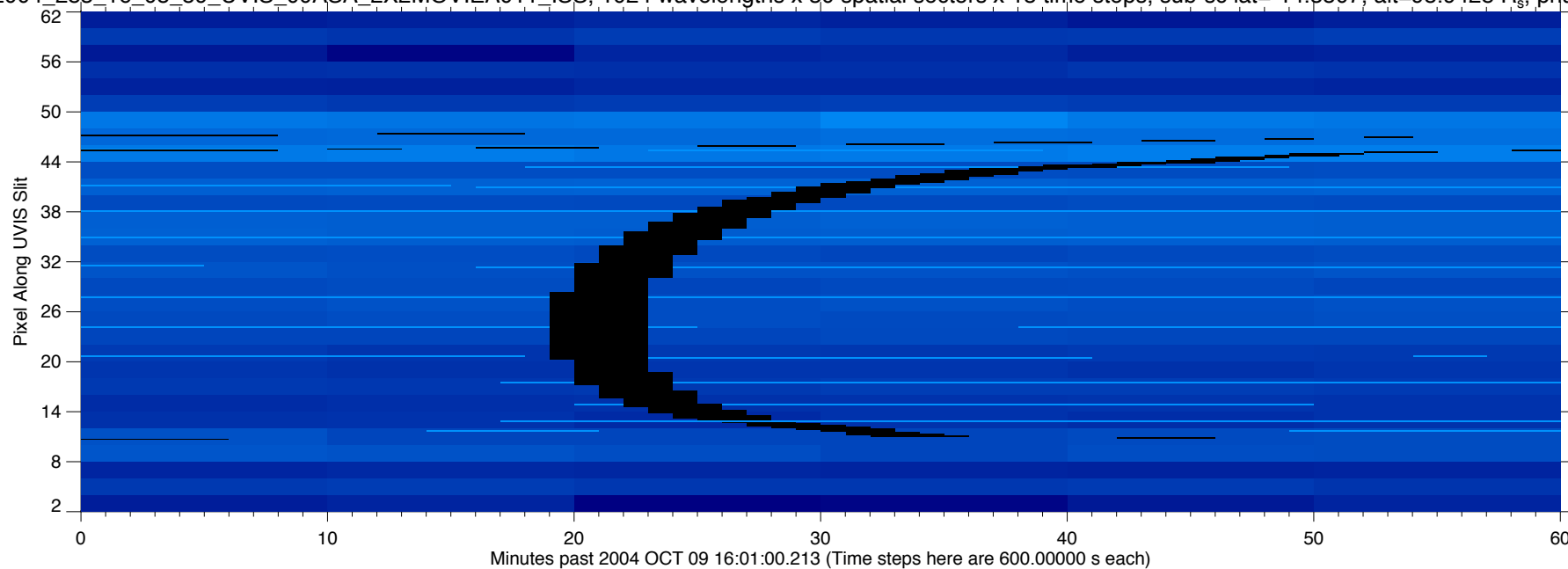
FUV2004_282_22_56_11_UVIS_00ASA_MOS0AGEL001_PRIME, 64 wavelengths x 64 spatial sectors x 37 time steps, sub-sc lat=-14.6543, alt=97.9588 R_s, phase=70.7951



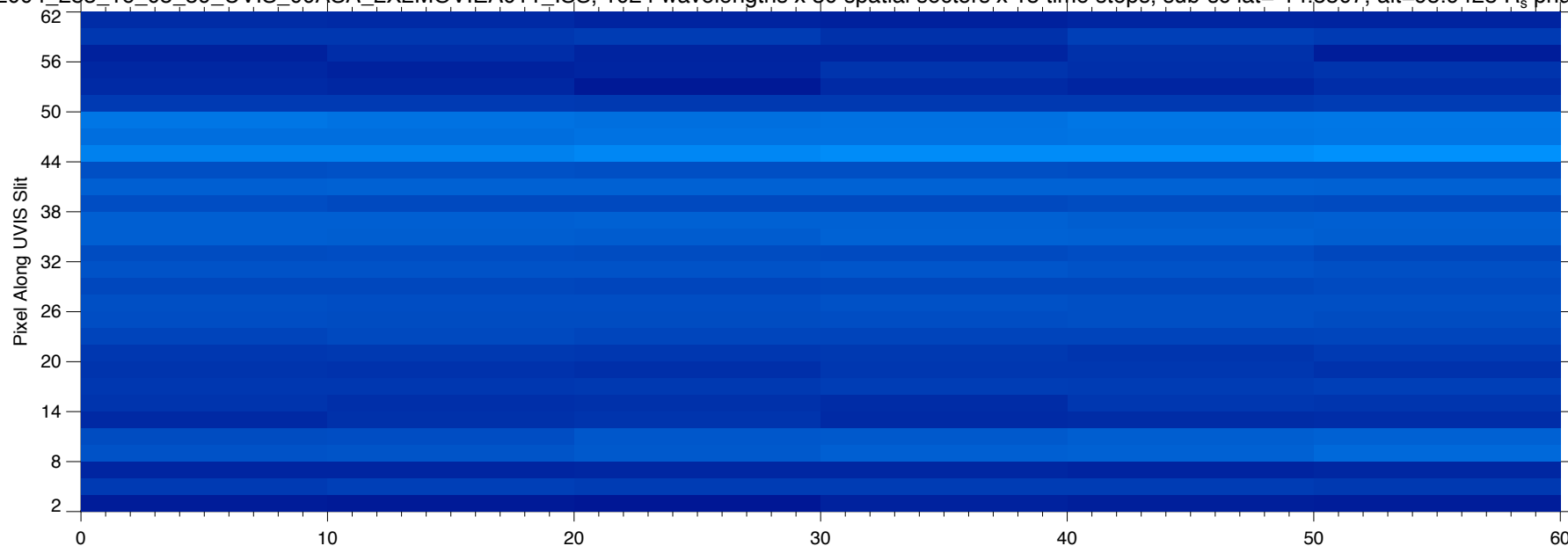
FUV2004_283_16_05_59_UVIS_00ASA_2X2MOVIEA011_ISS, 1024 wavelengths x 30 spatial sectors x 15 time steps, sub-sc lat=-14.5507, alt=95.9428 R_s phase=70.2974



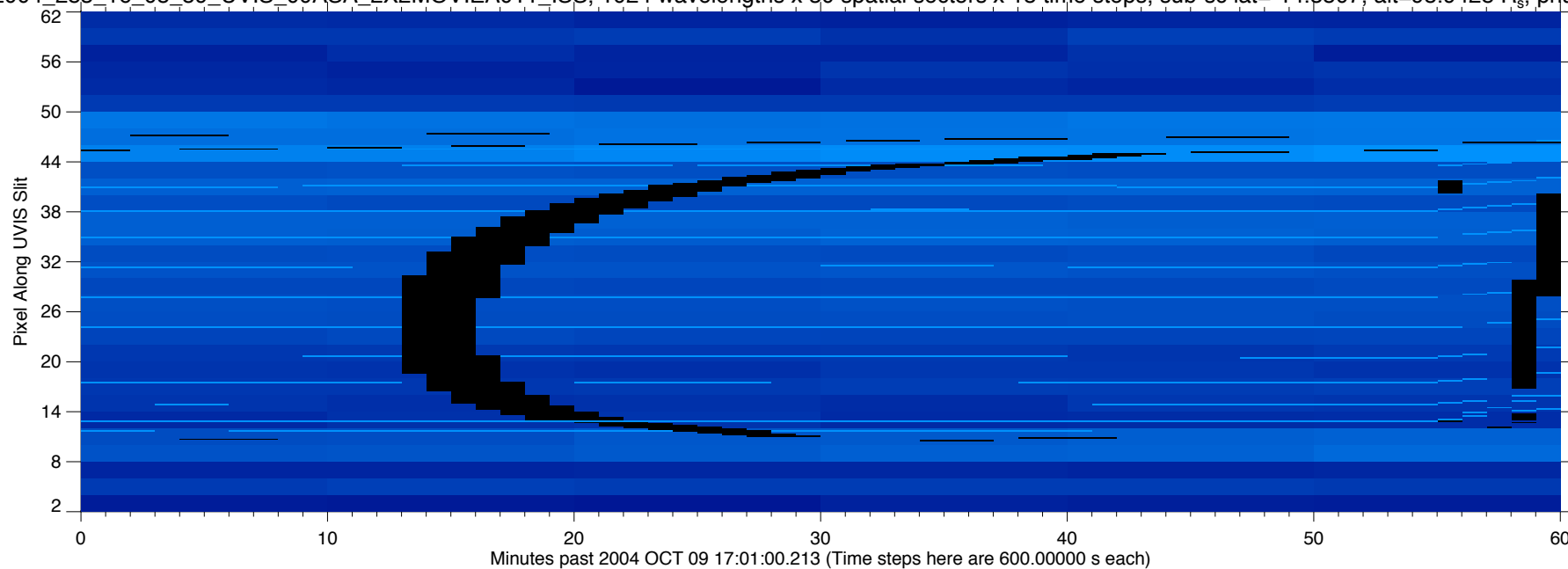
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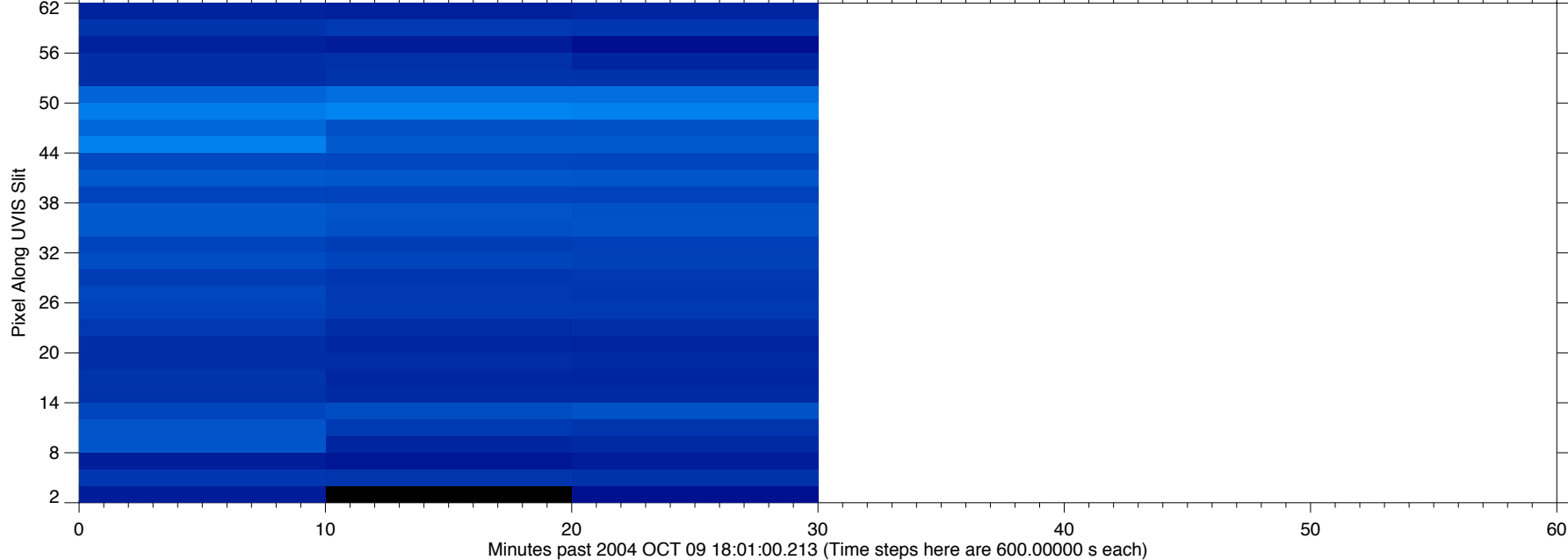
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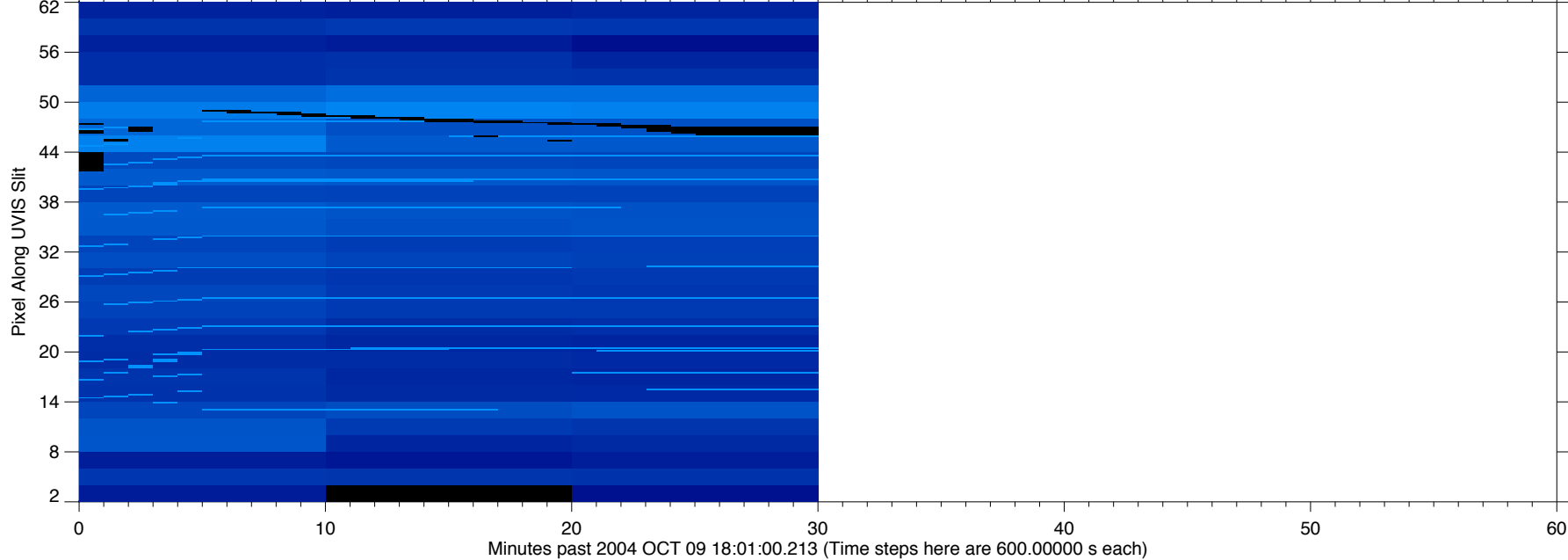
FUV2004_283_16_05_59_UVIS_00ASA_2X2MOVIEA011_ISS, 1024 wavelengths x 30 spatial sectors x 15 time steps, sub-sc lat=-14.5507, alt=95.9428 R_s phase=70.2974



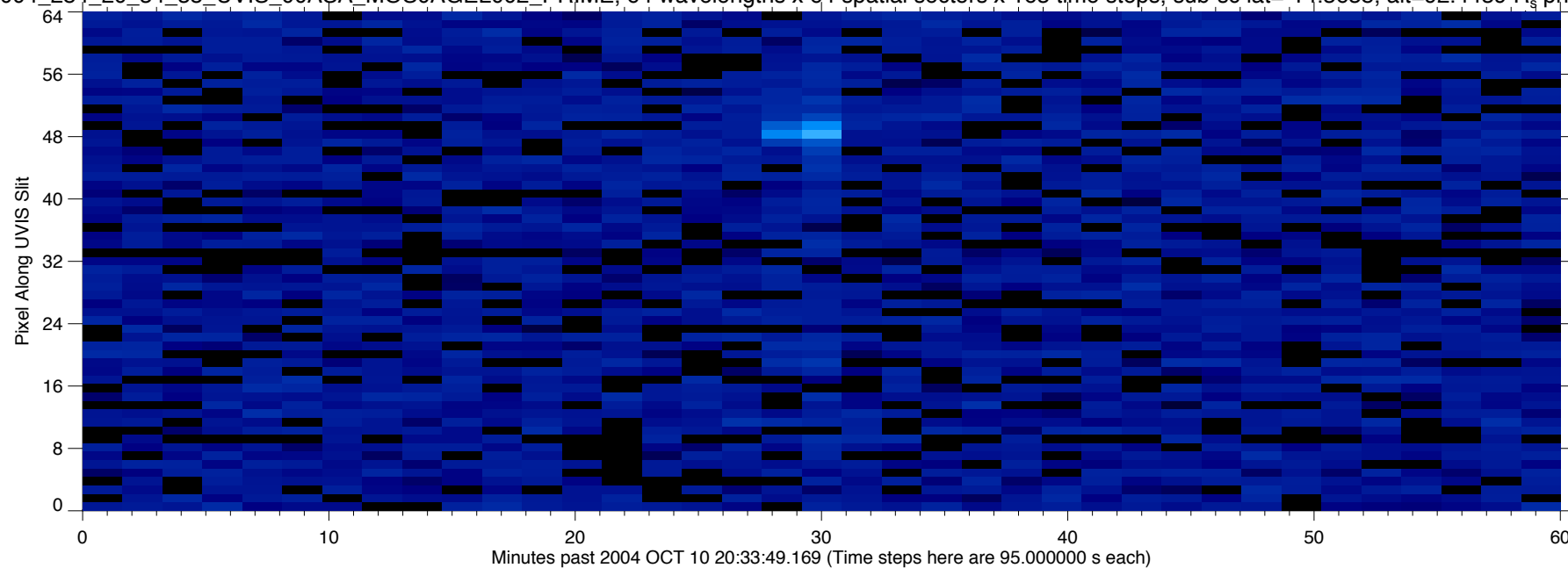
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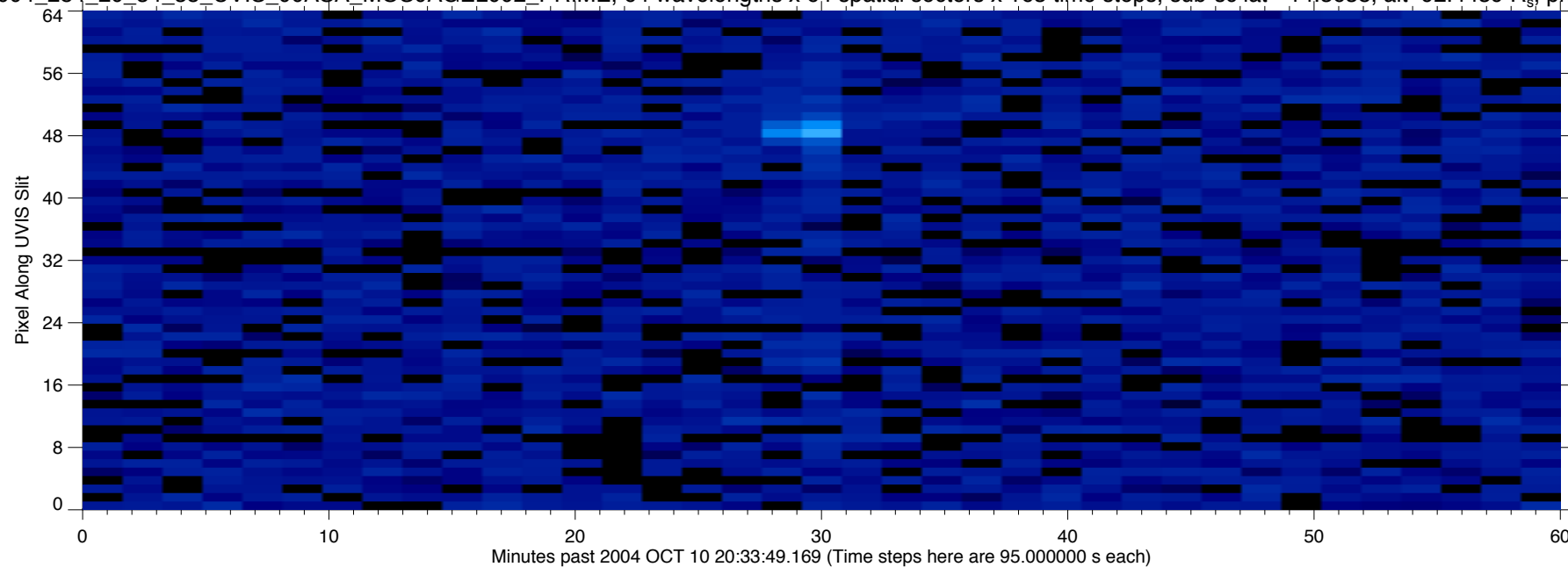
FUV2004_283_16_05_59_UVIS_00ASA_2X2MOVIEA011_ISS, 1024 wavelengths x 30 spatial sectors x 15 time steps, sub-sc lat=-14.5507, alt=95.9428 R_s, phase=70.2974



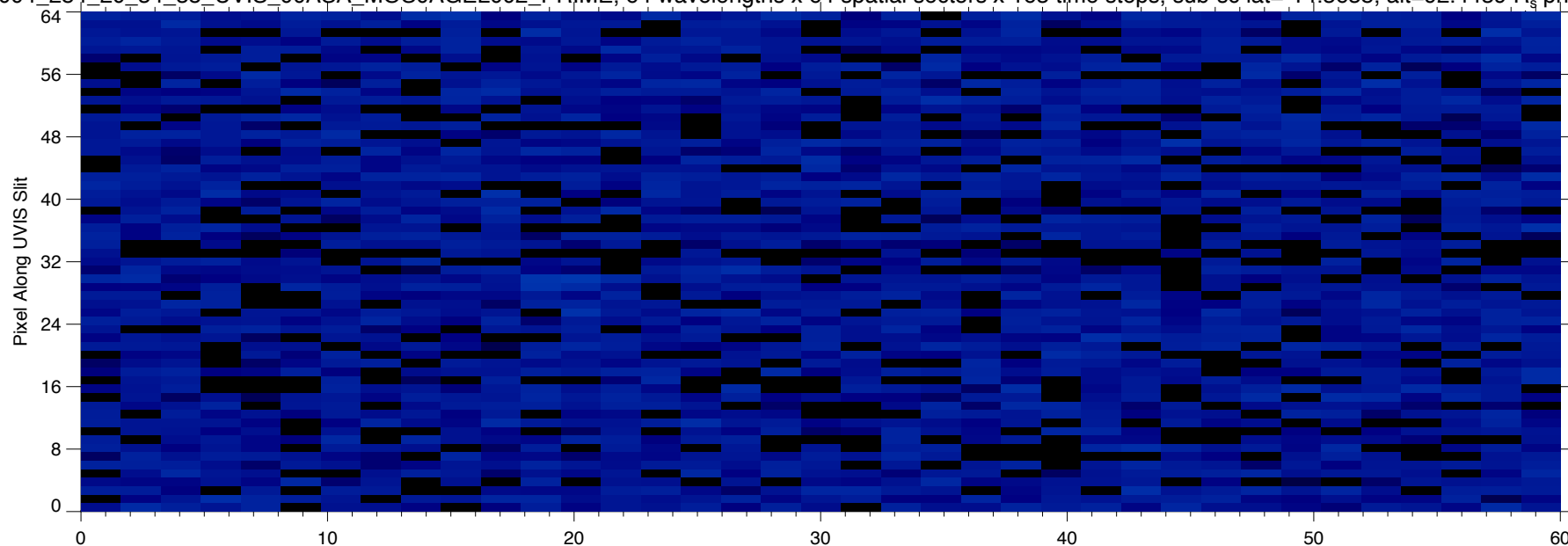
FUV2004_284_20_34_35_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3638, alt=92.4439 R_s phase=69.4164



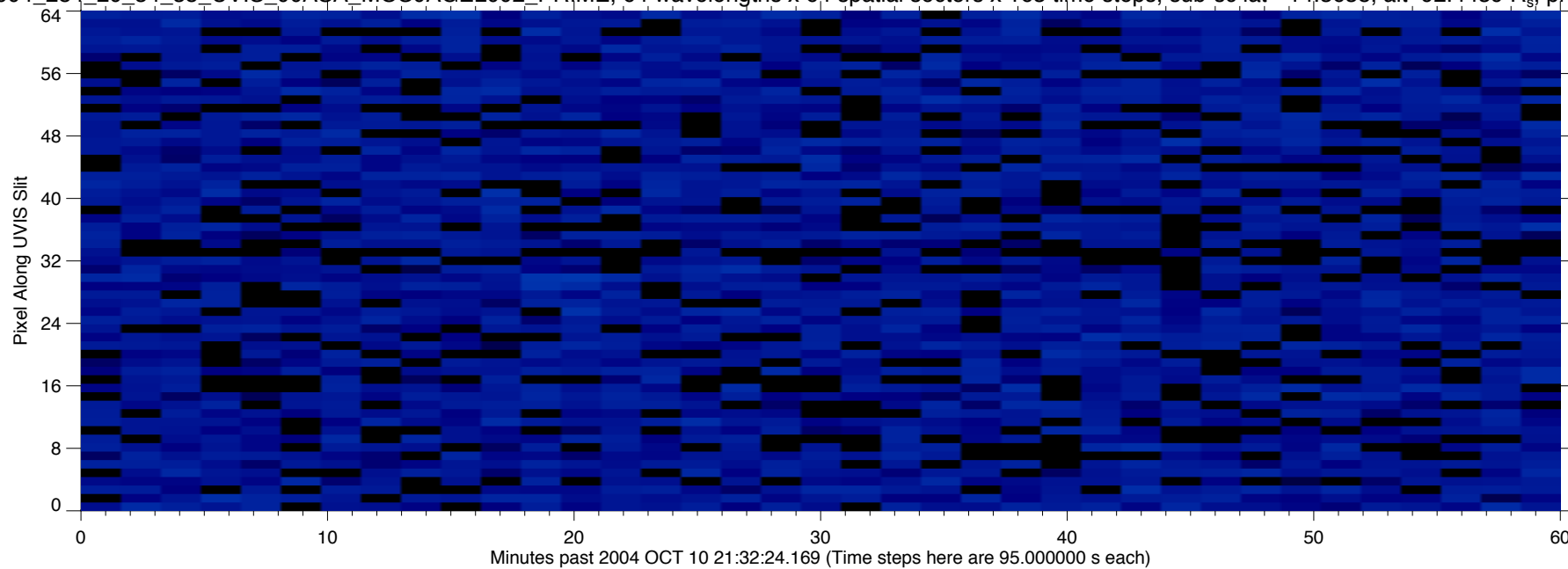
FUV2004_284_20_34_35_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3638, alt=92.4439 R_s phase=69.4164



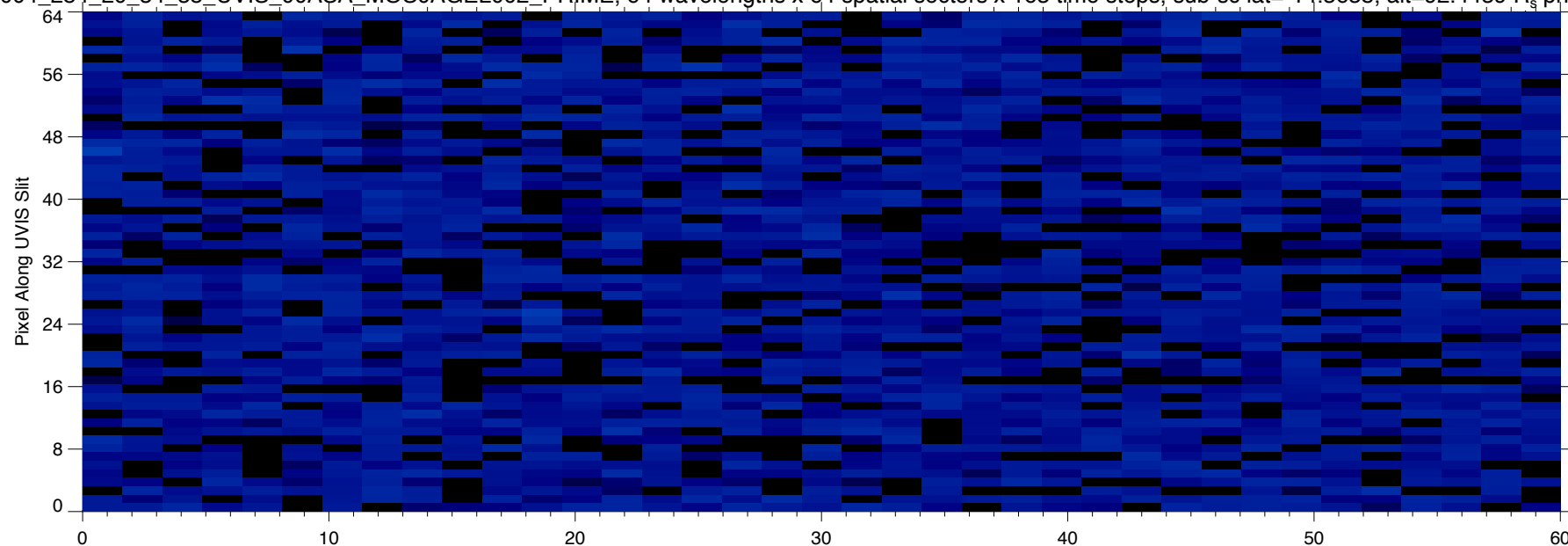
FUV2004_284_20_34_35_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3638, alt=92.4439 R_s phase=69.4164



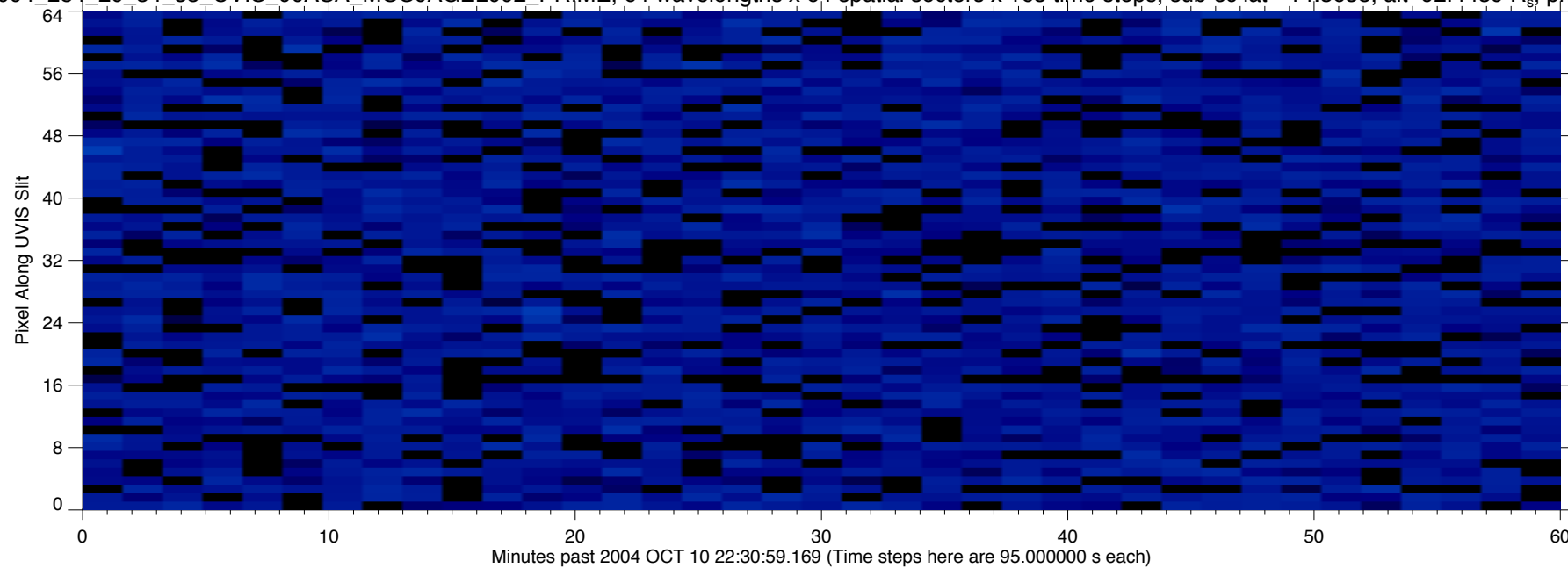
FUV2004_284_20_34_35_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3638, alt=92.4439 R_s phase=69.4164



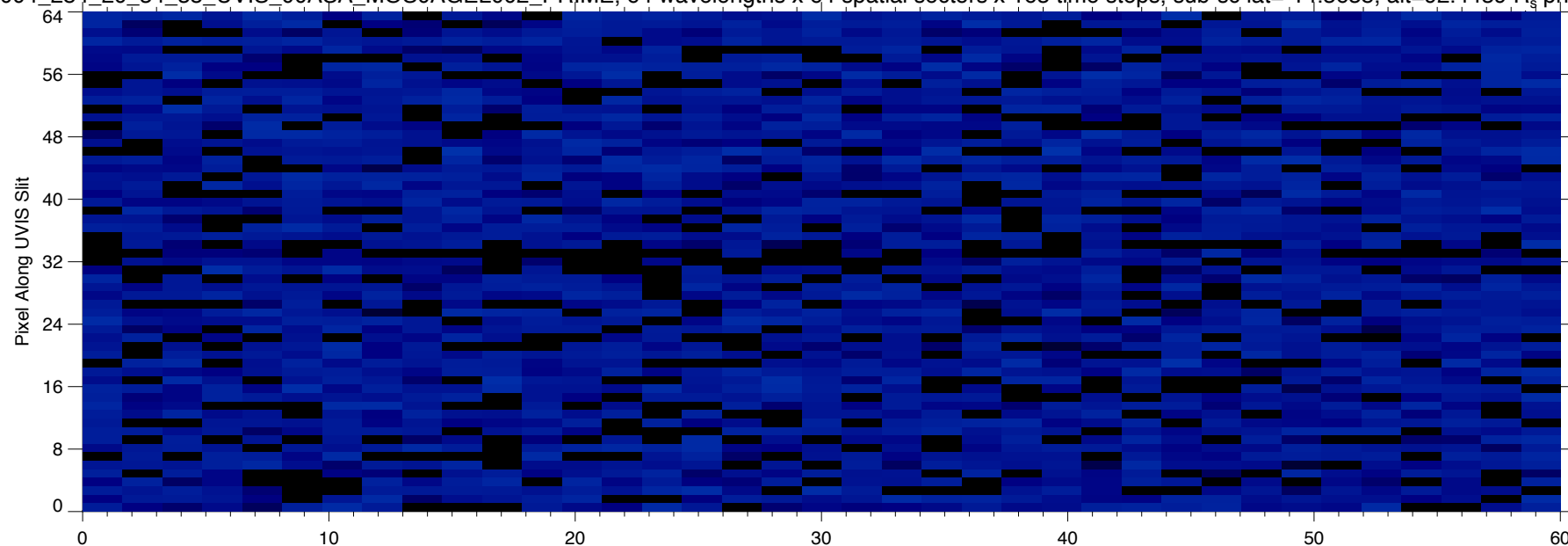
FUV2004_284_20_34_35_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3638, alt=92.4439 R_s phase=69.4164



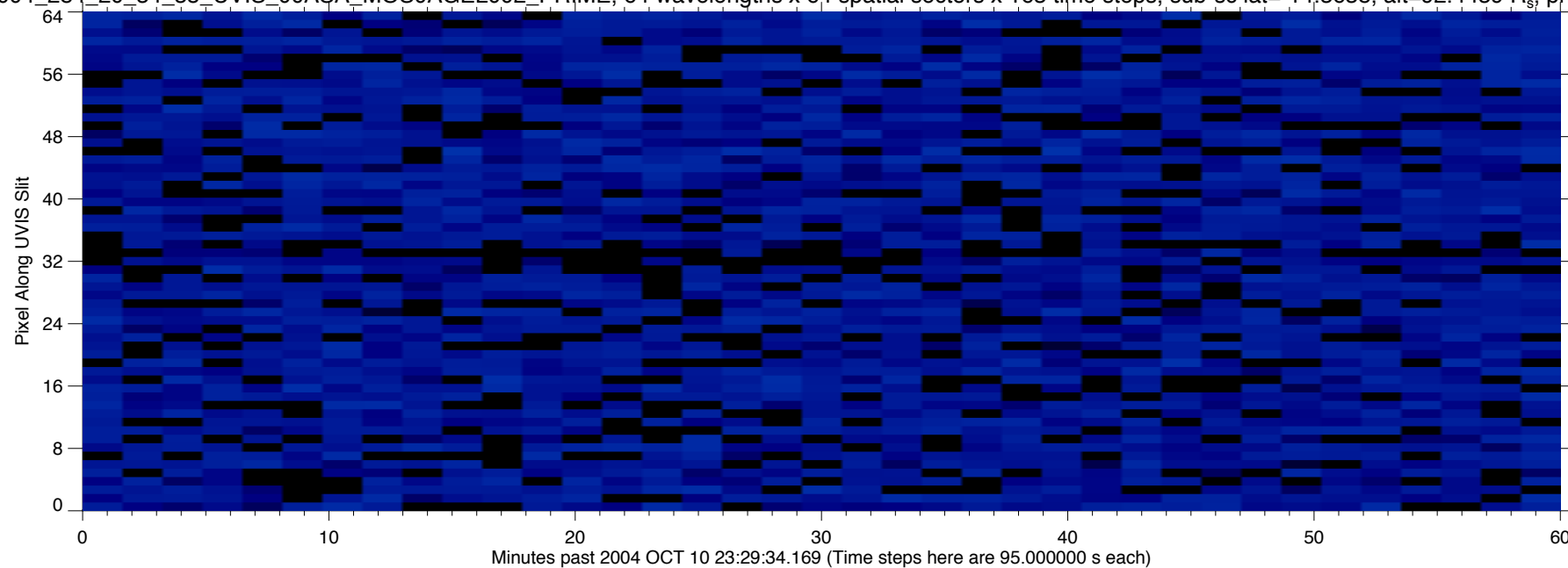
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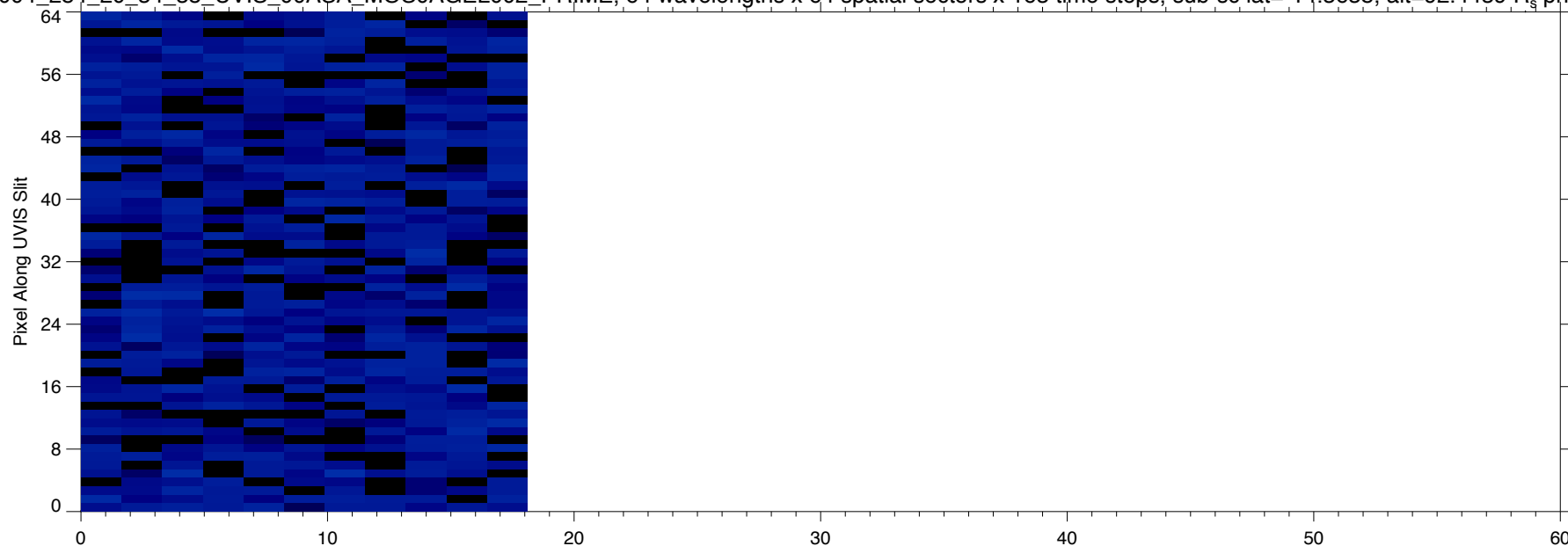
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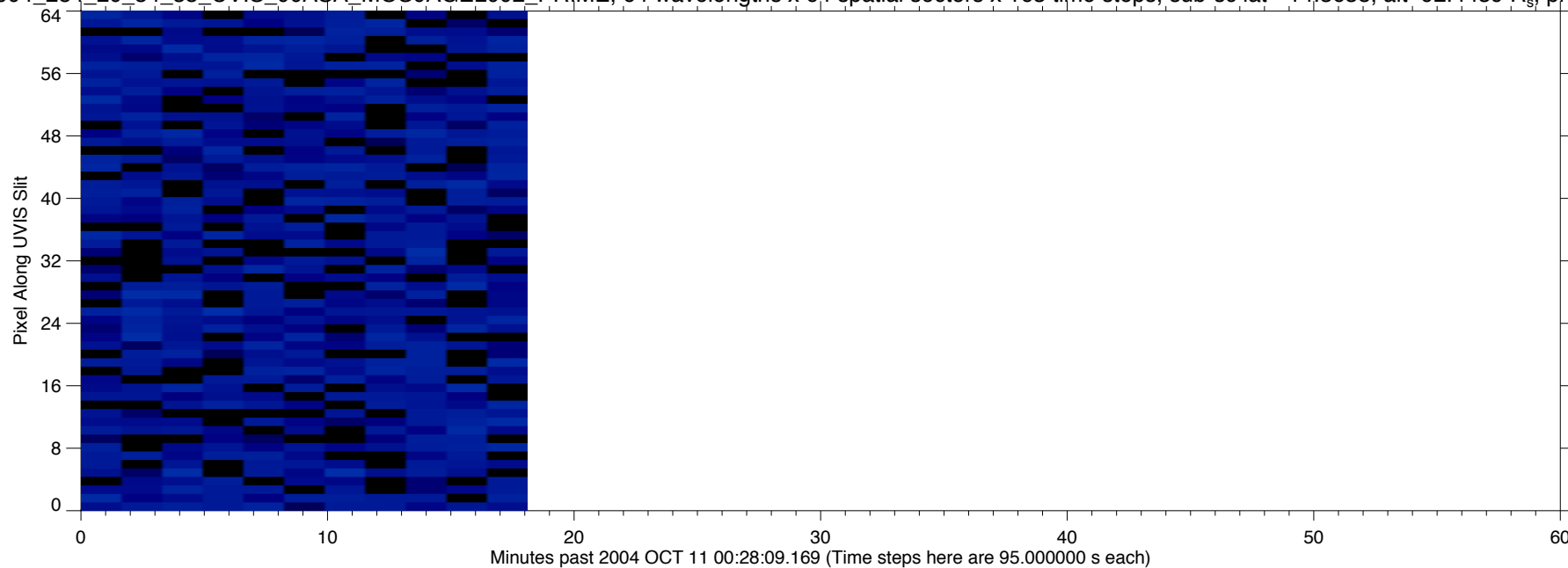
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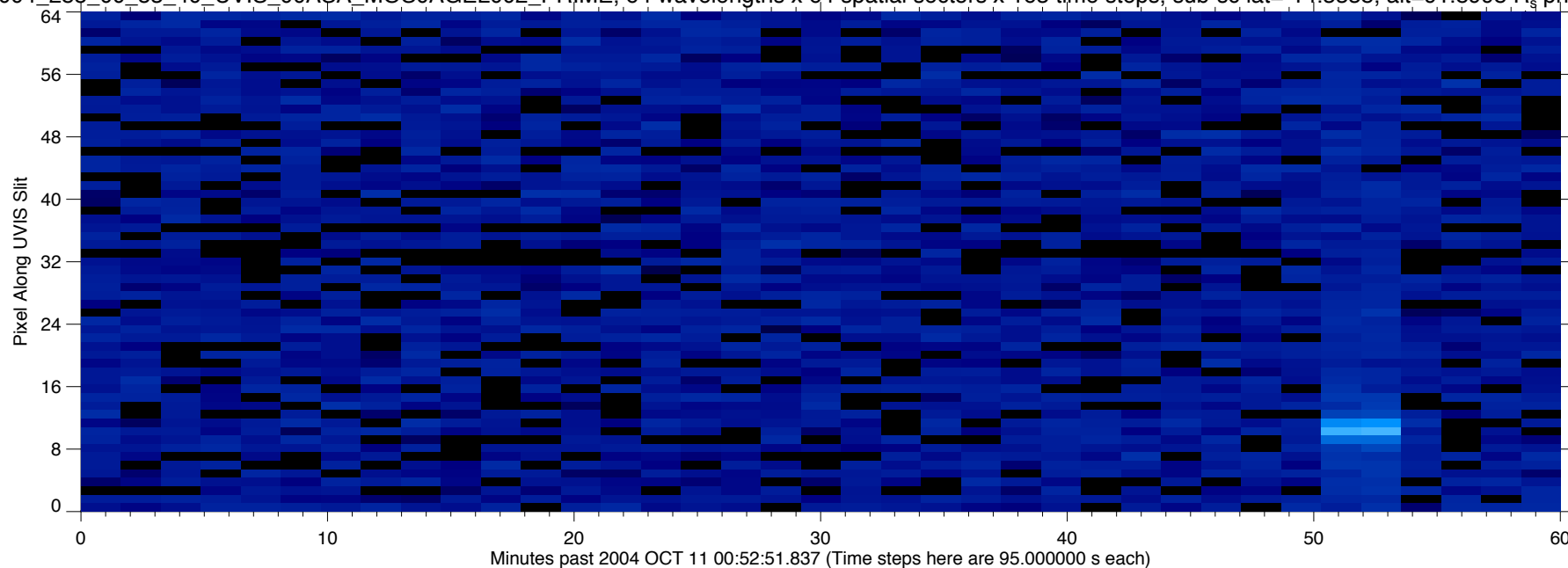
FUV2004_284_20_34_35_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3638, alt=92.4439 R_s, phase=69.4164



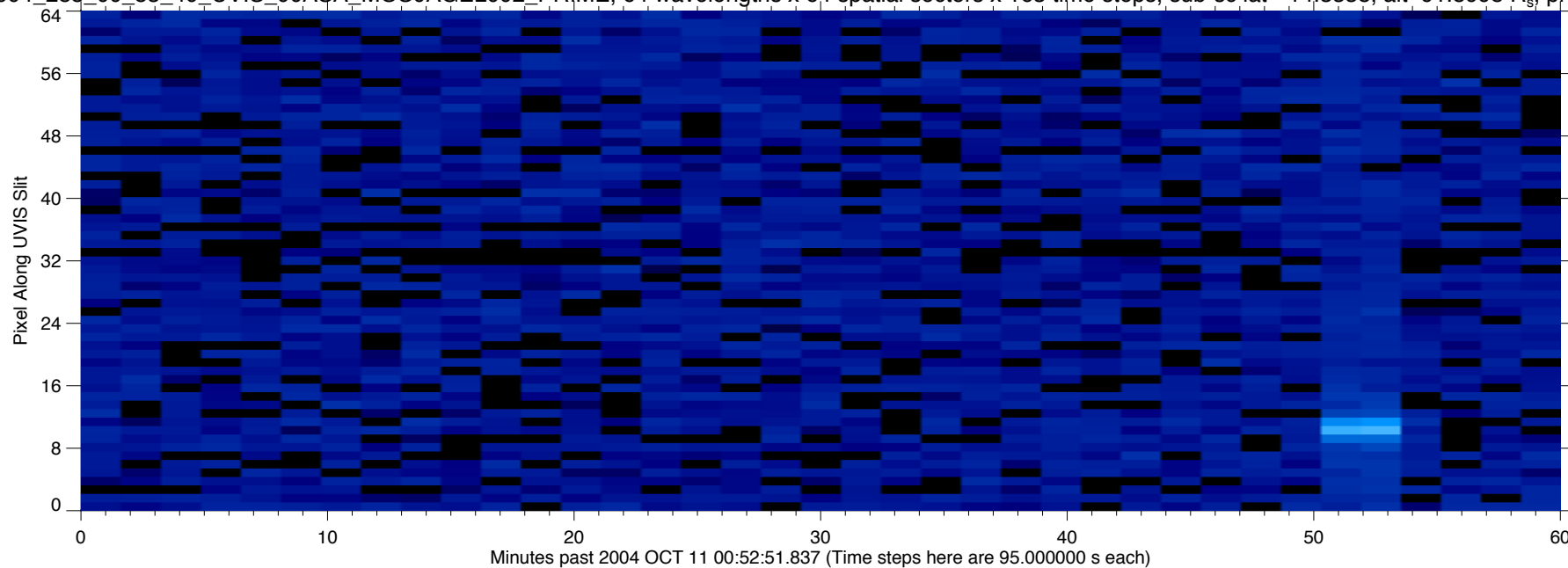
FUV2004_284_20_34_35_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3638, alt=92.4439 R_s, phase=69.4164



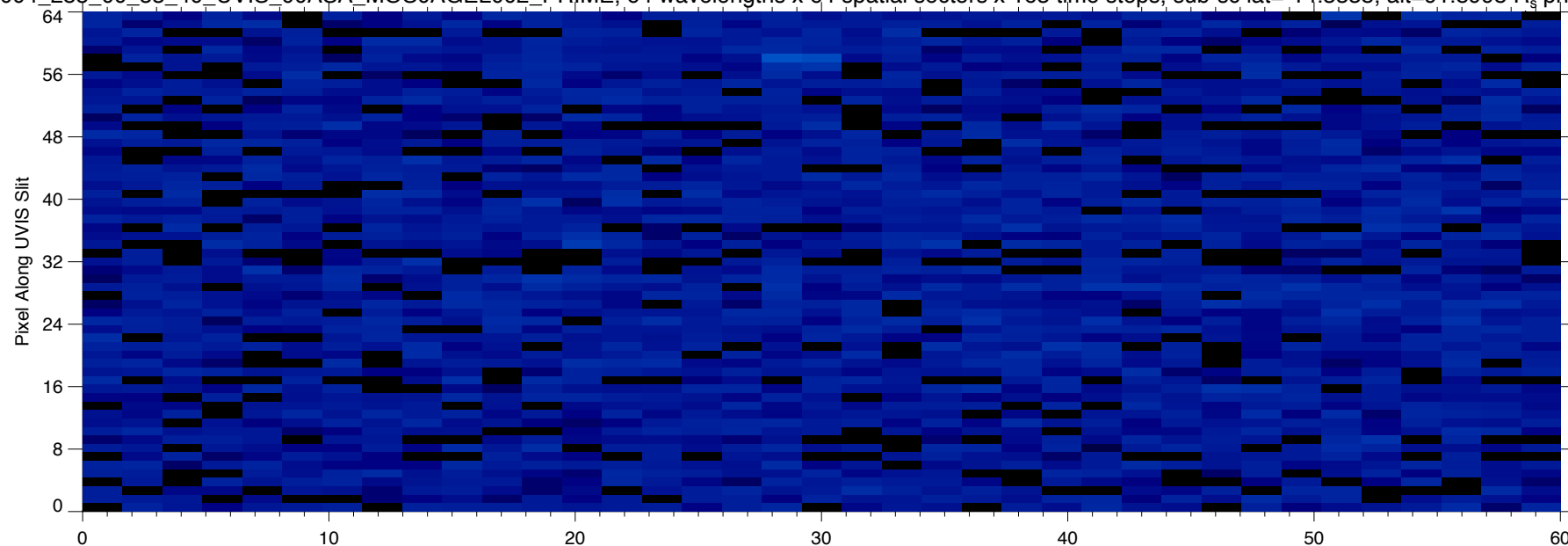
FUV2004_285_00_53_40_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3338, alt=91.8998 R_s, phase=69.2773



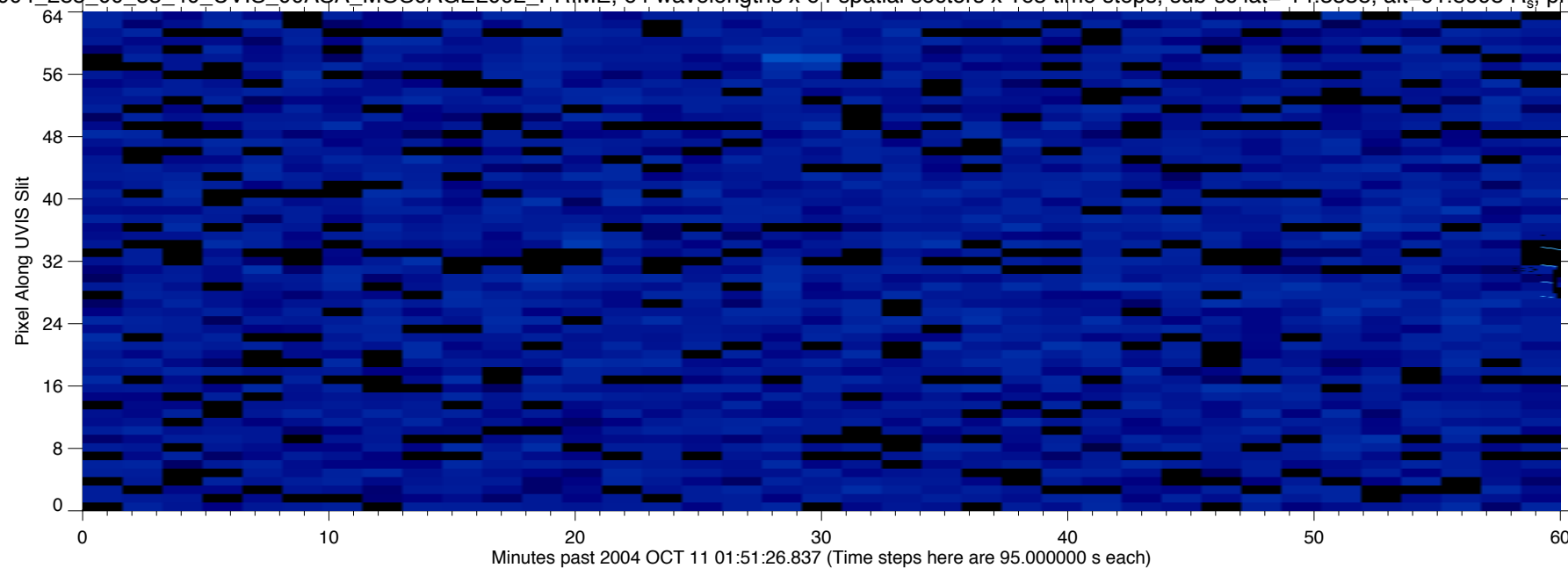
FUV2004_285_00_53_40_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3338, alt=91.8998 R_s, phase=69.2773



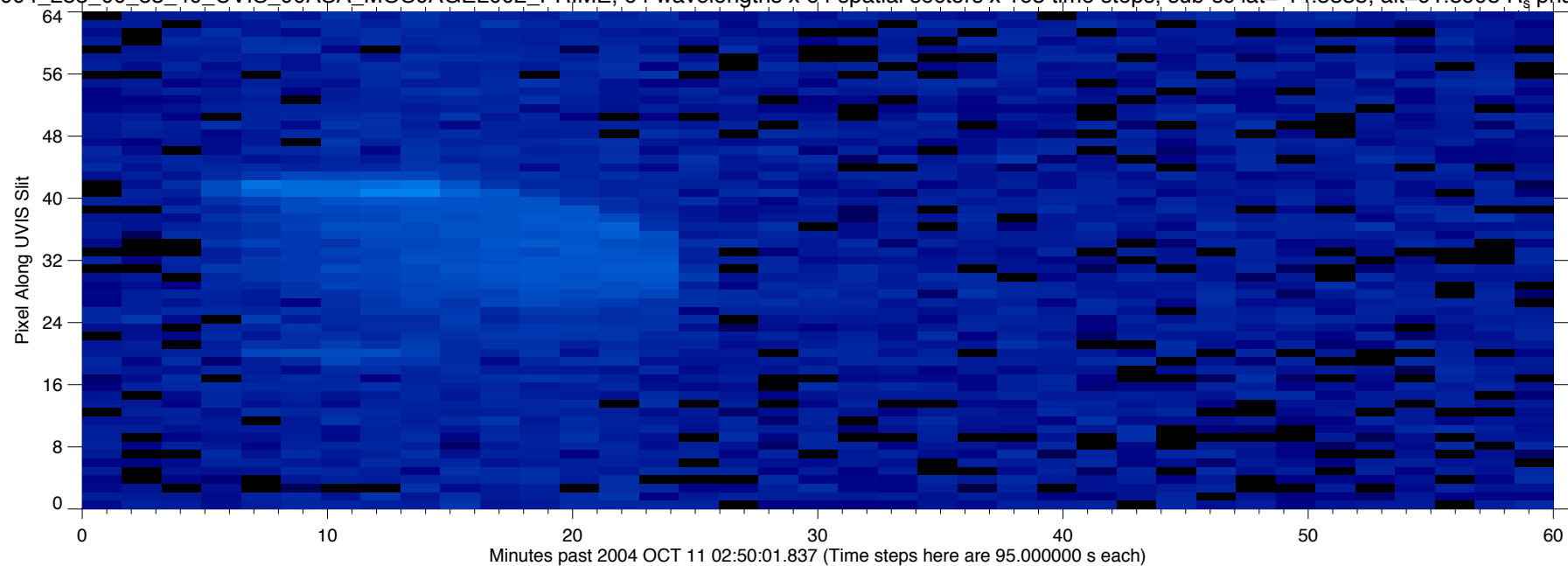
FUV2004_285_00_53_40_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3338, alt=91.8998 R_s, phase=69.2773



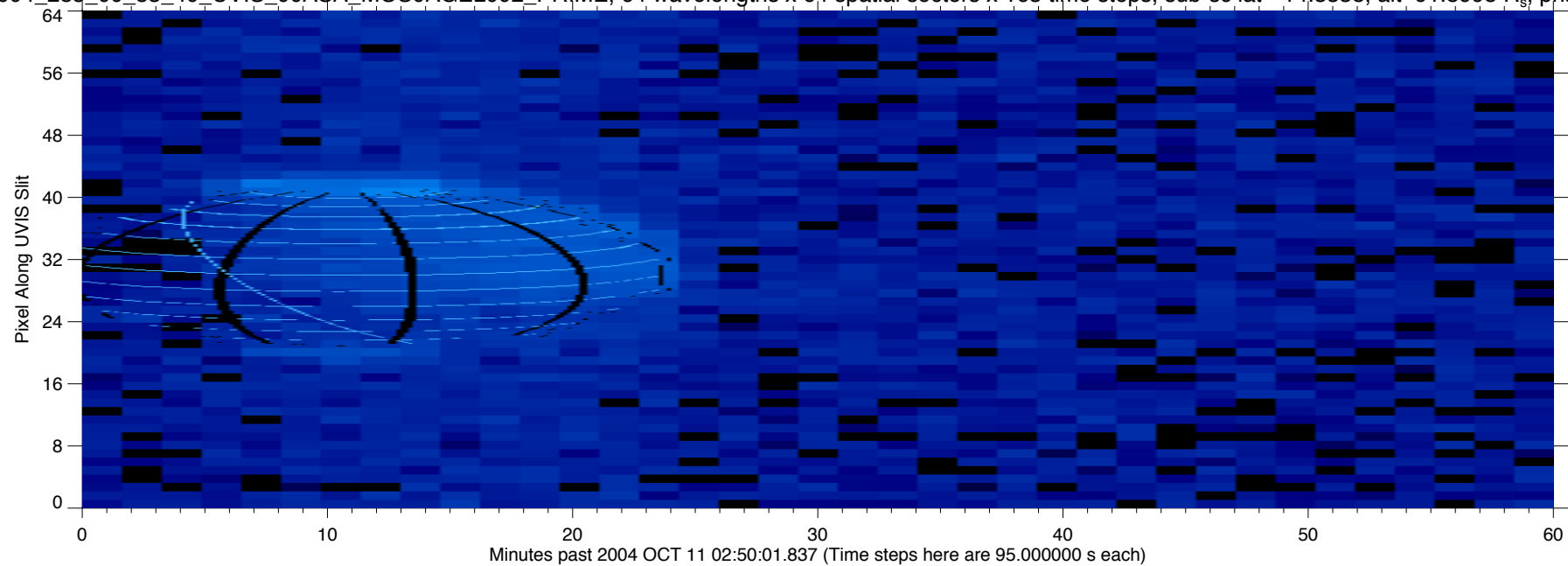
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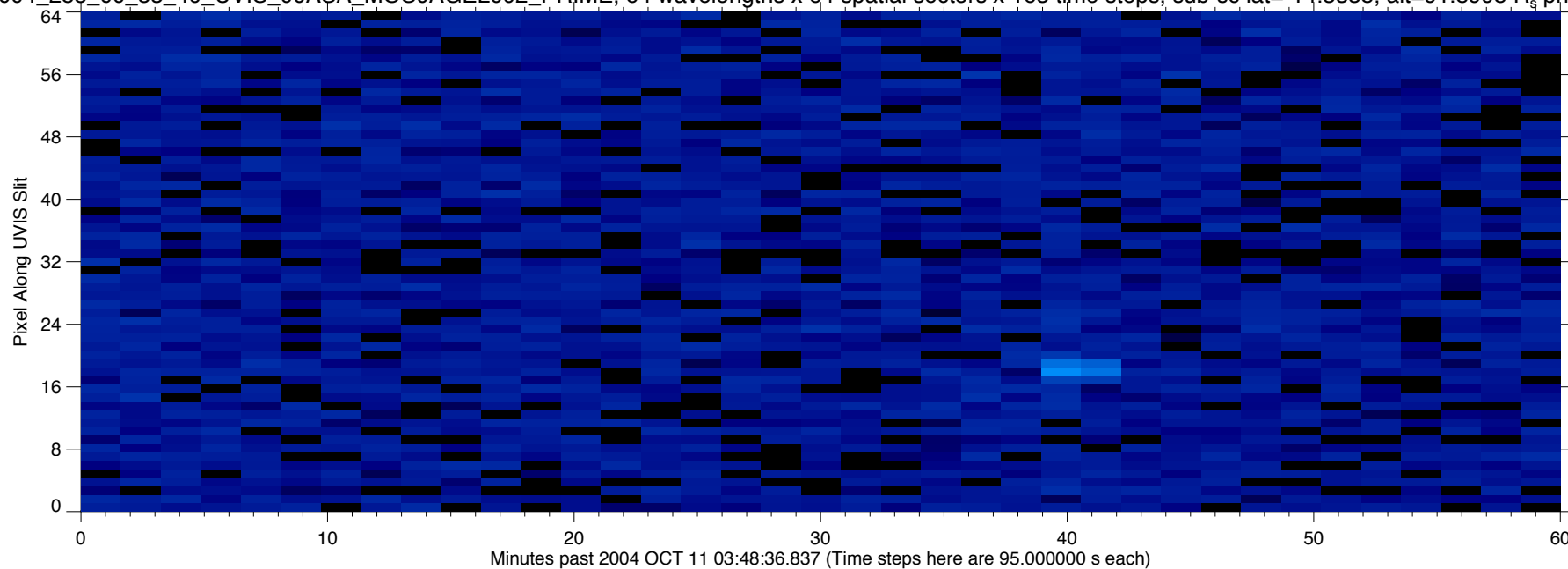
FUV2004_285_00_53_40_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 163 time steps, sub-sc lat=-14.3338, alt=91.8998 R_s, phase=69.2773



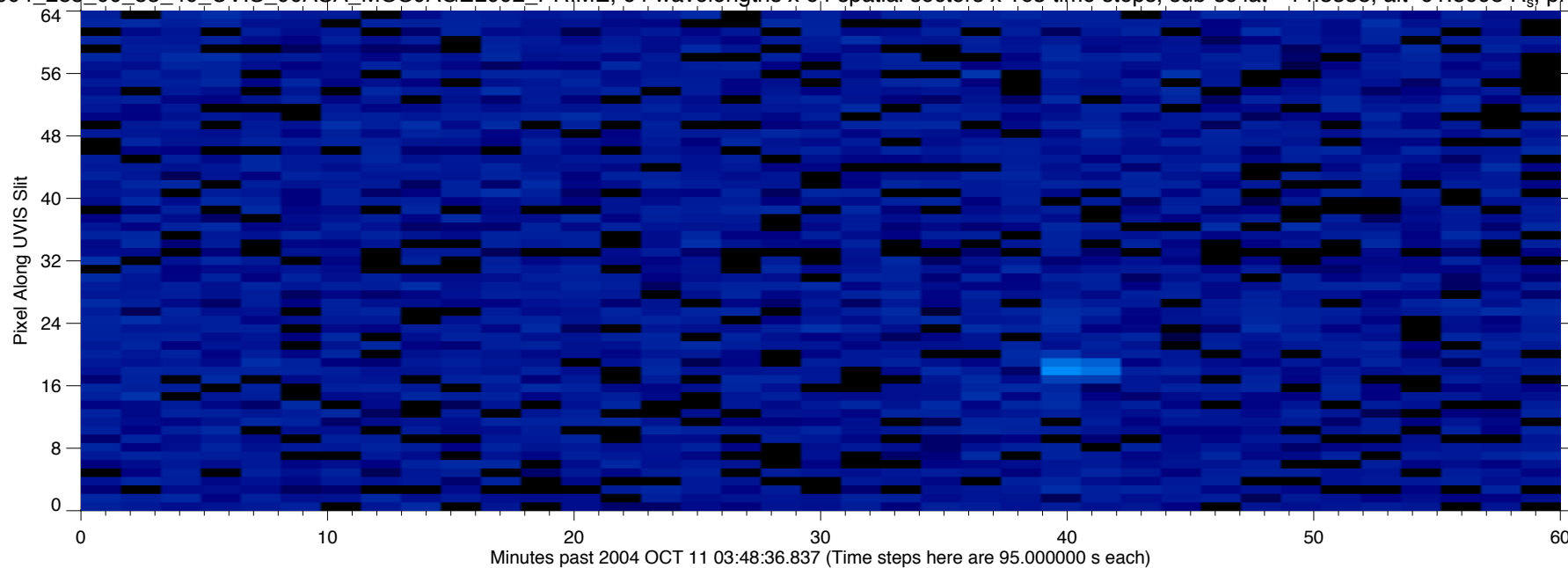
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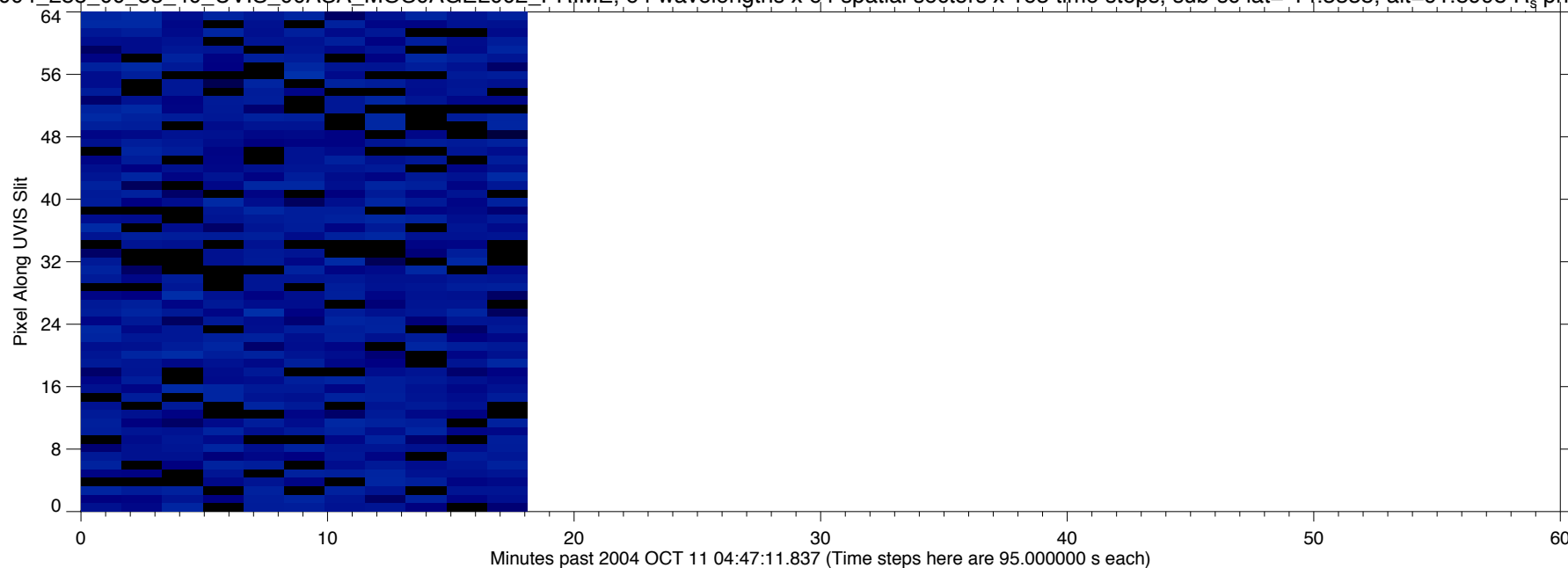
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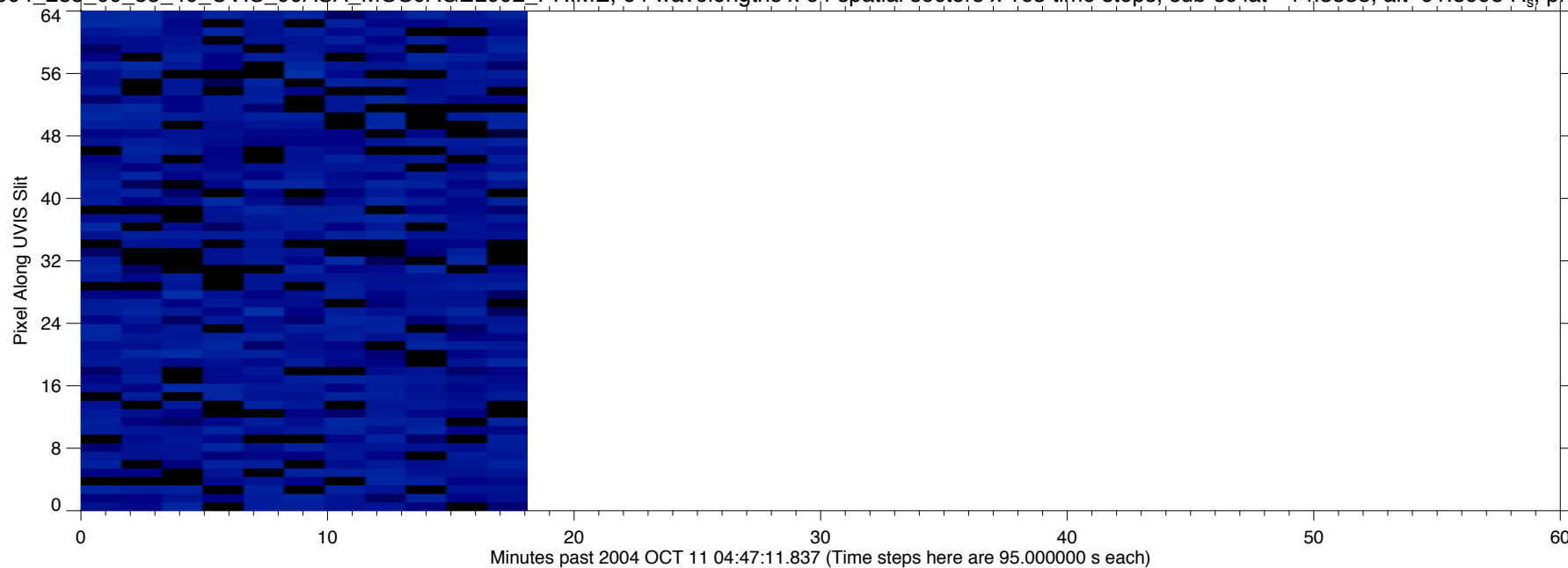
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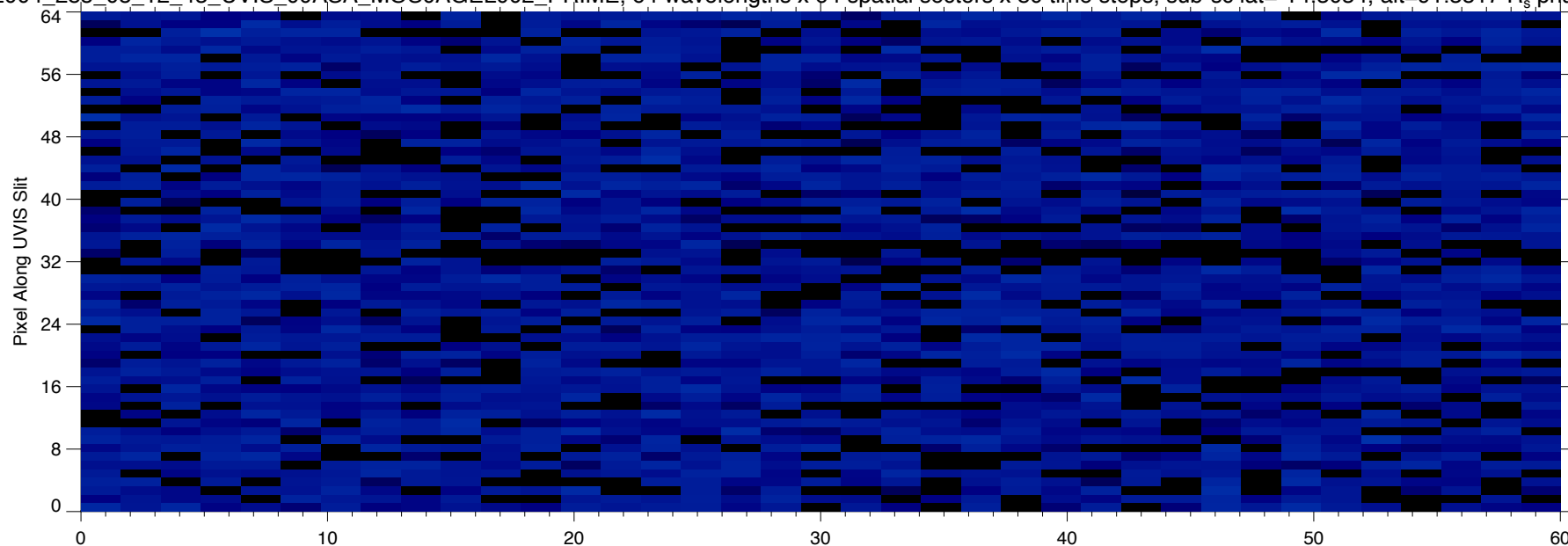
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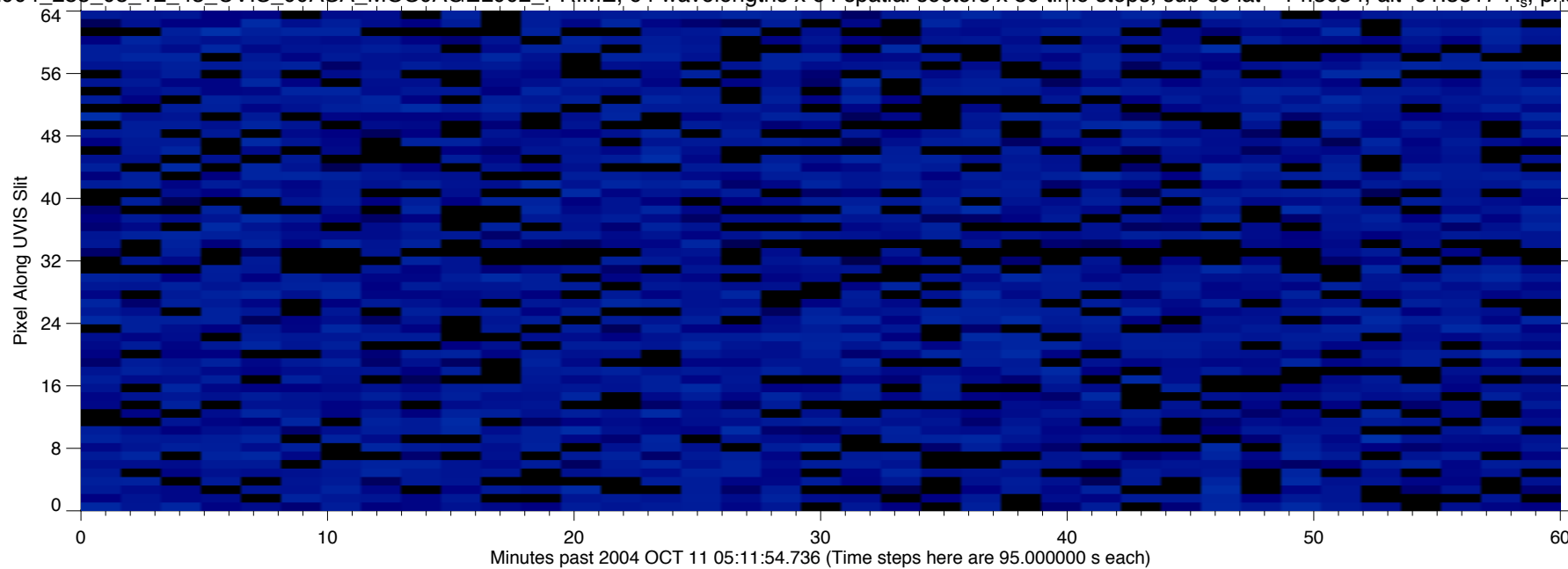
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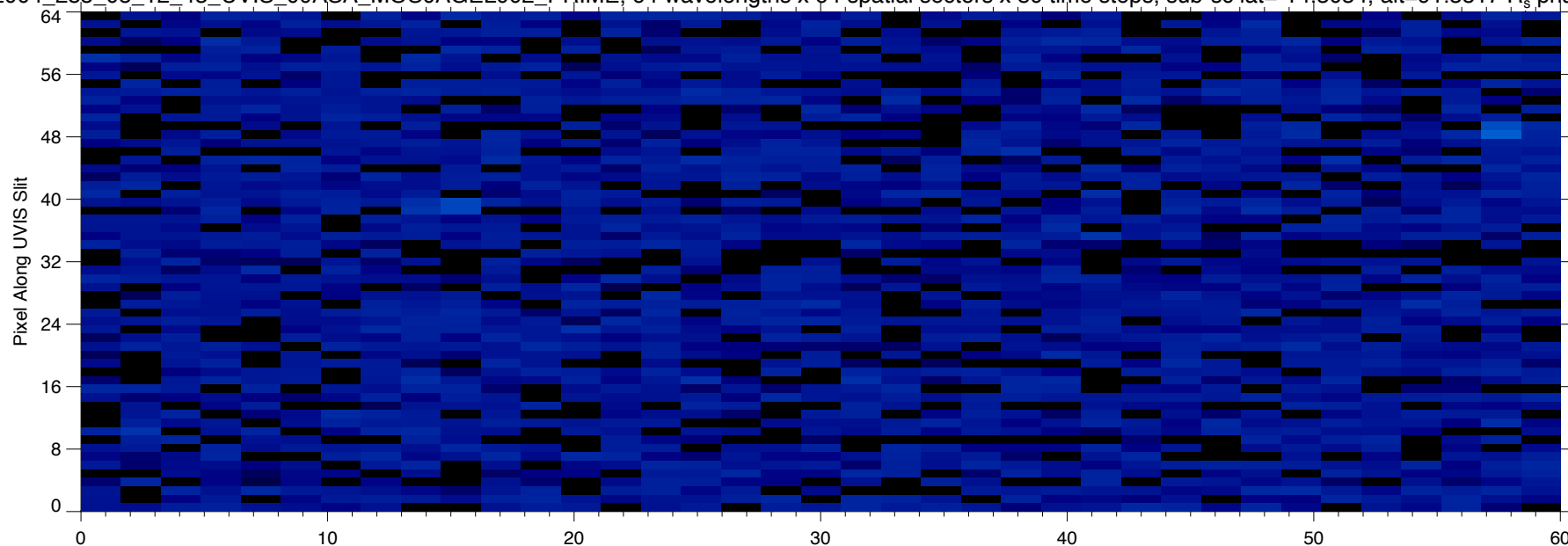
FUV2004_285_05_12_43_UVIS_00ASA_MOS0AGEL002_PRIME, 64 wavelengths x 64 spatial sectors x 80 time steps, sub-sc lat=-14.3034, alt=91.3517 R_s, phase=69.1364



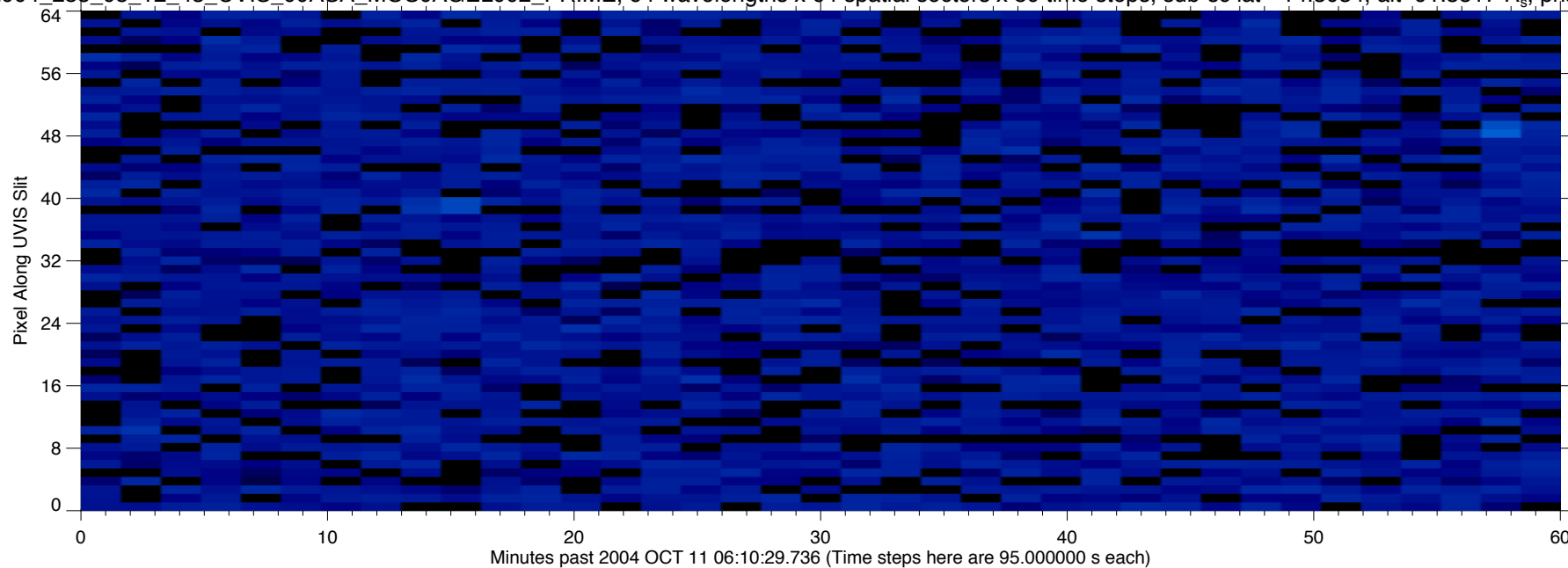
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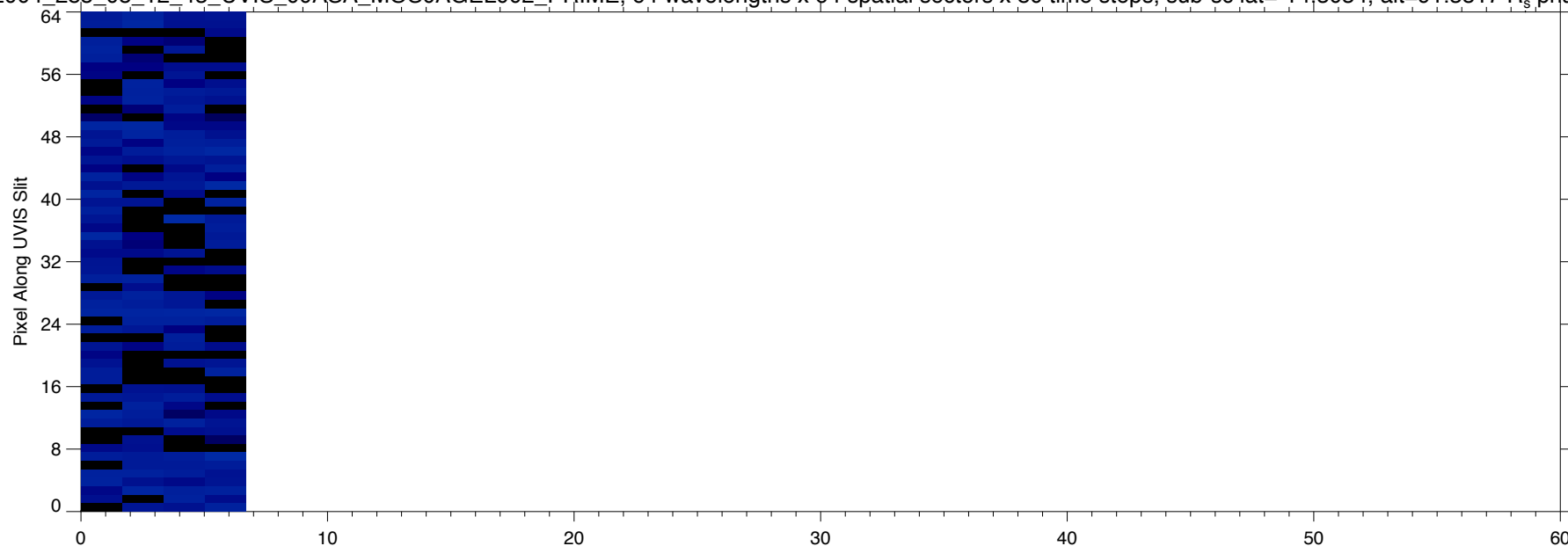
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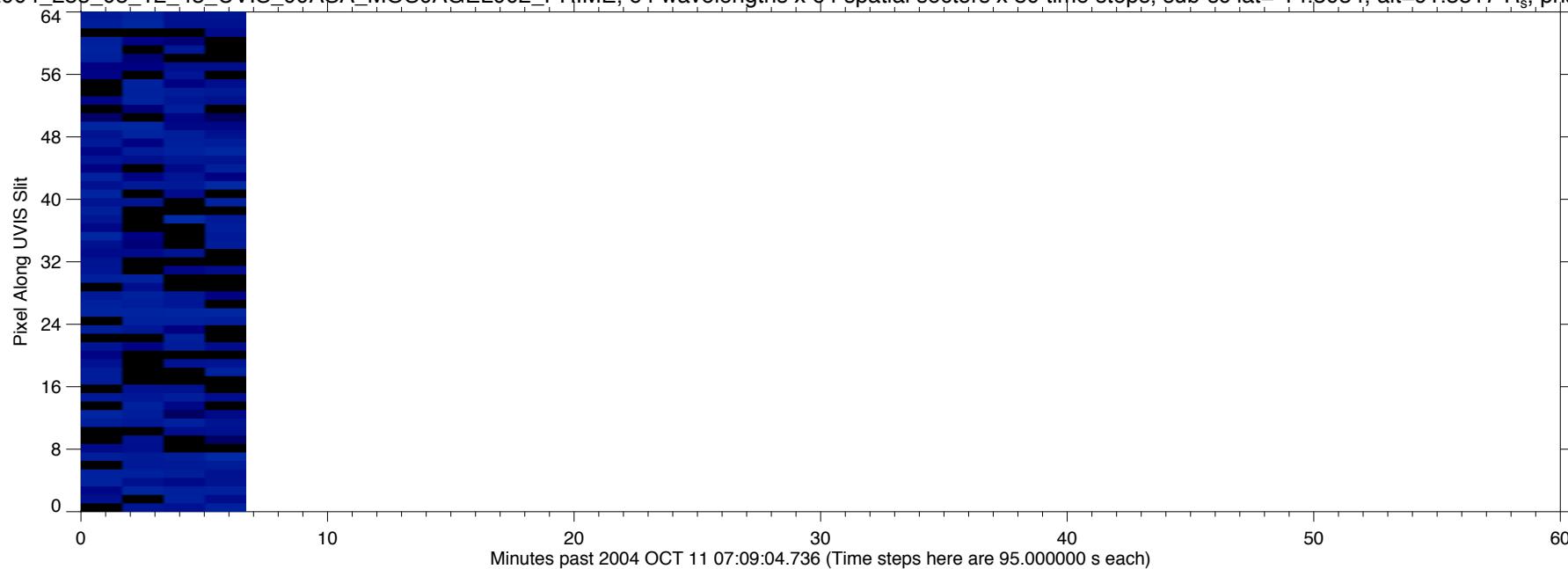
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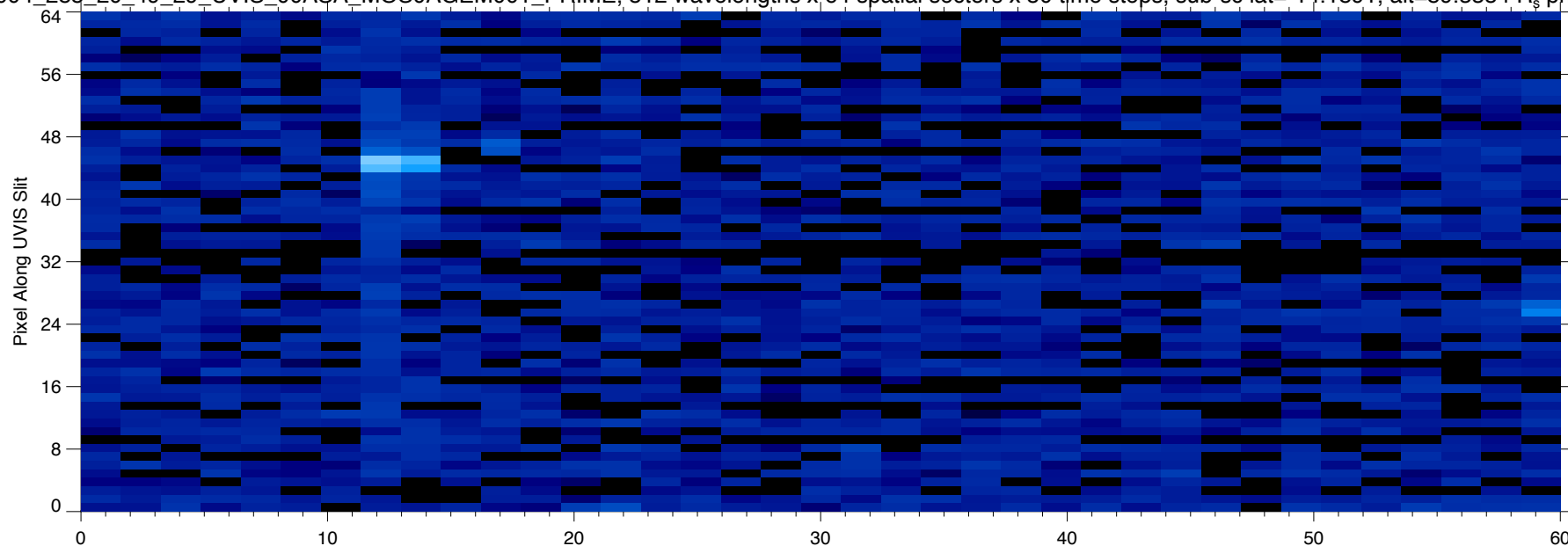
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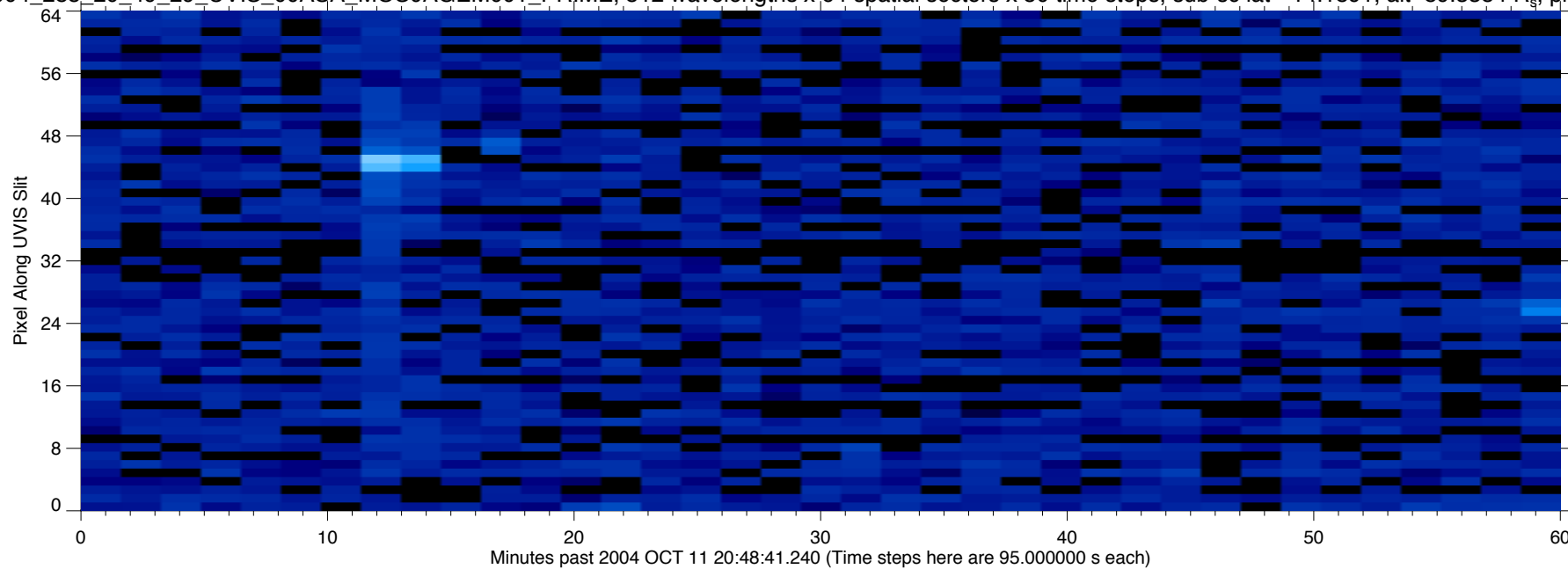
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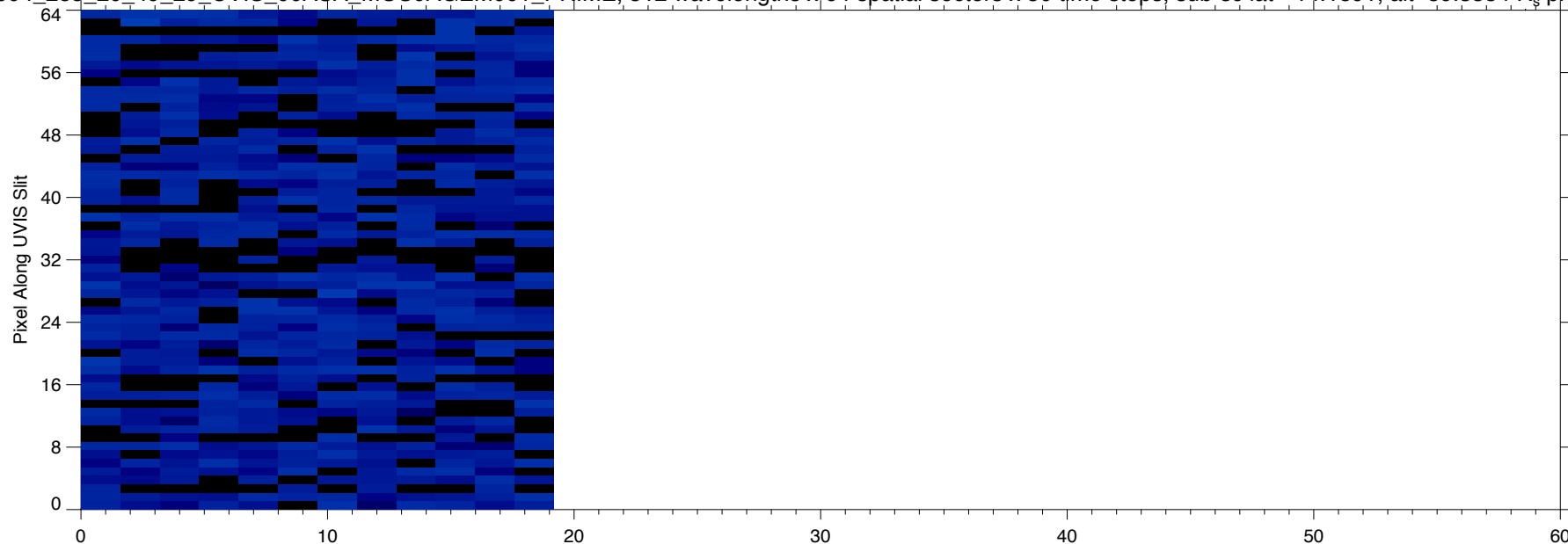
FUV2004_285_20_49_29_UVIS_00ASA_MOS0AGEM001_PRIME, 512 wavelengths x 64 spatial sectors x 50 time steps, sub-sc lat=-14.1891, alt=89.3354 R_s, phase=68.6126



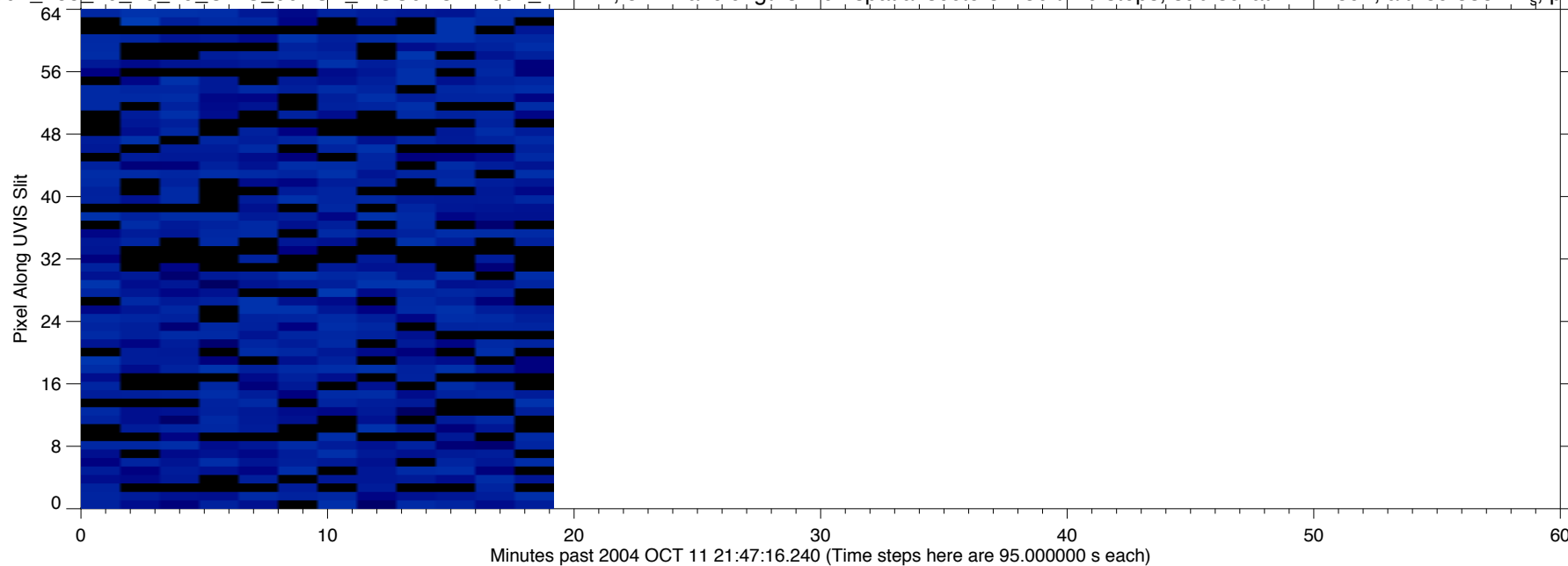
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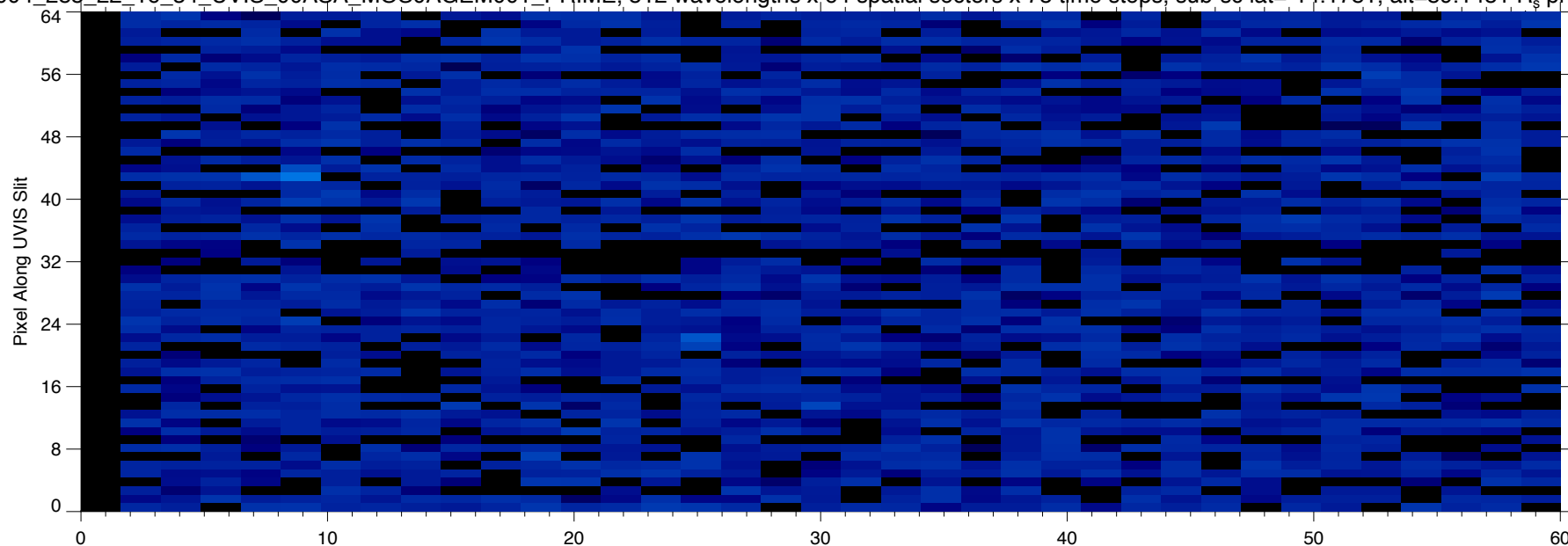
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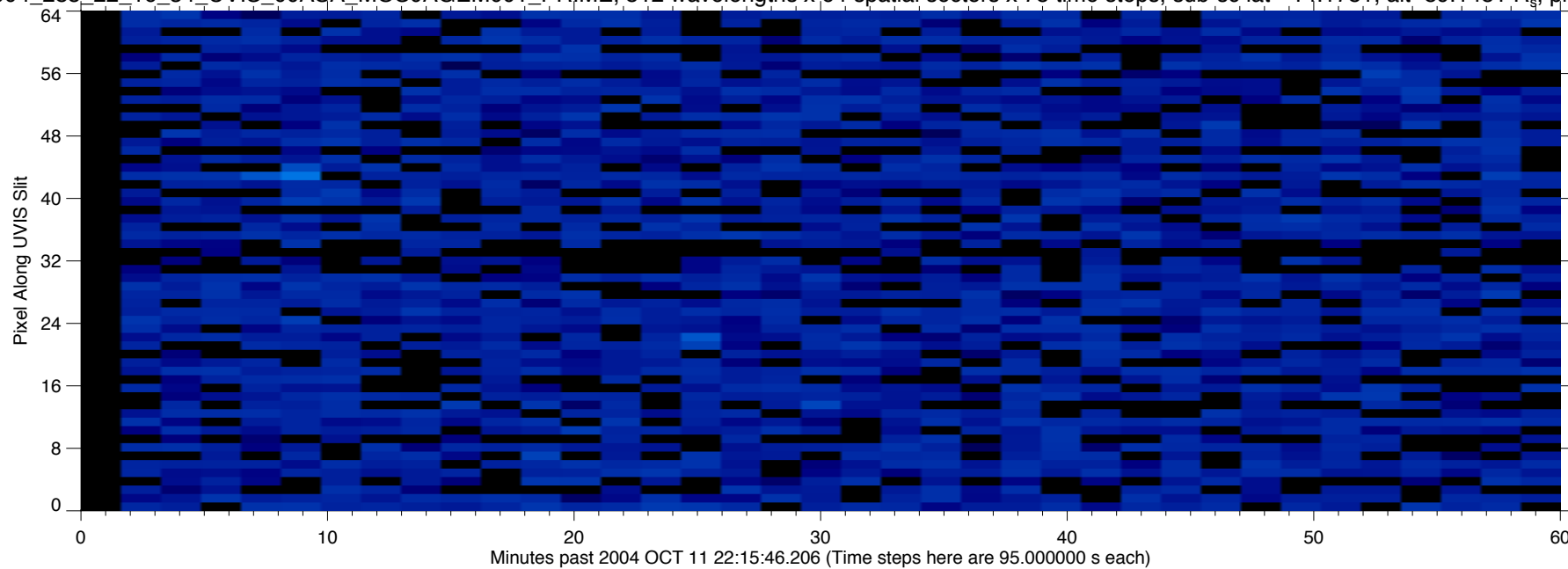
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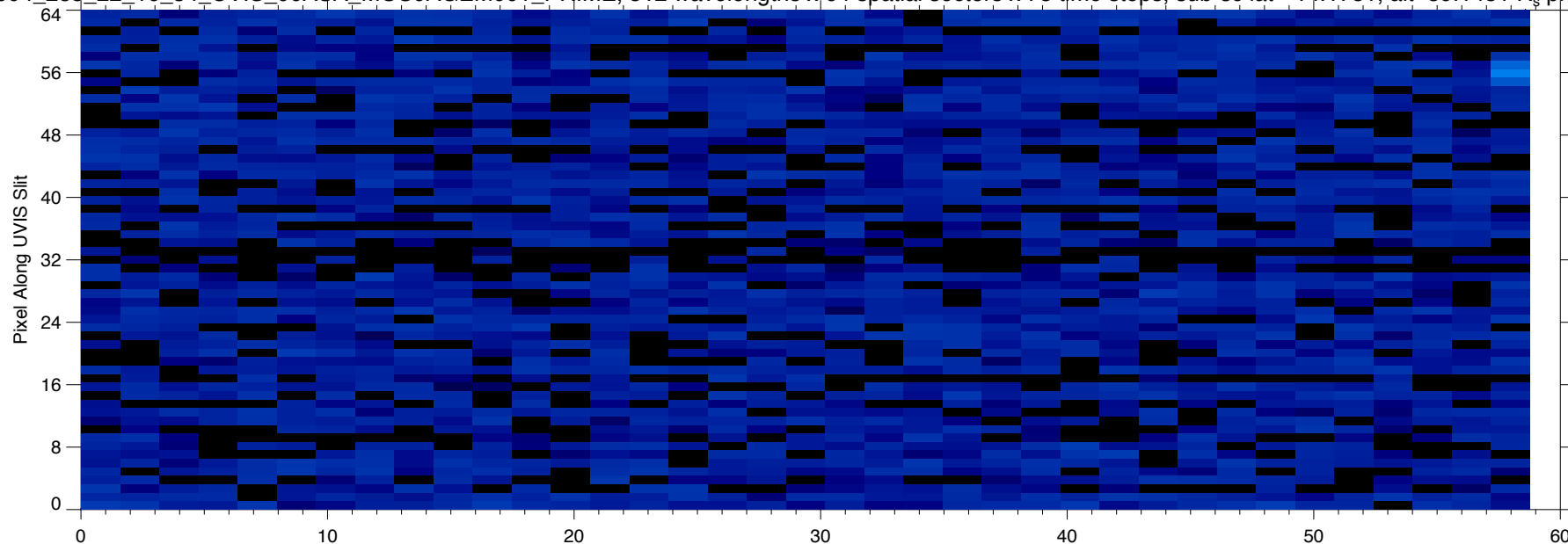
FUV2004_285_22_16_34_UVIS_00ASA_MOS0AGEM001_PRIME, 512 wavelengths x 64 spatial sectors x 75 time steps, sub-sc lat=-14.1781, alt=89.1451 R_s phase=68.5627



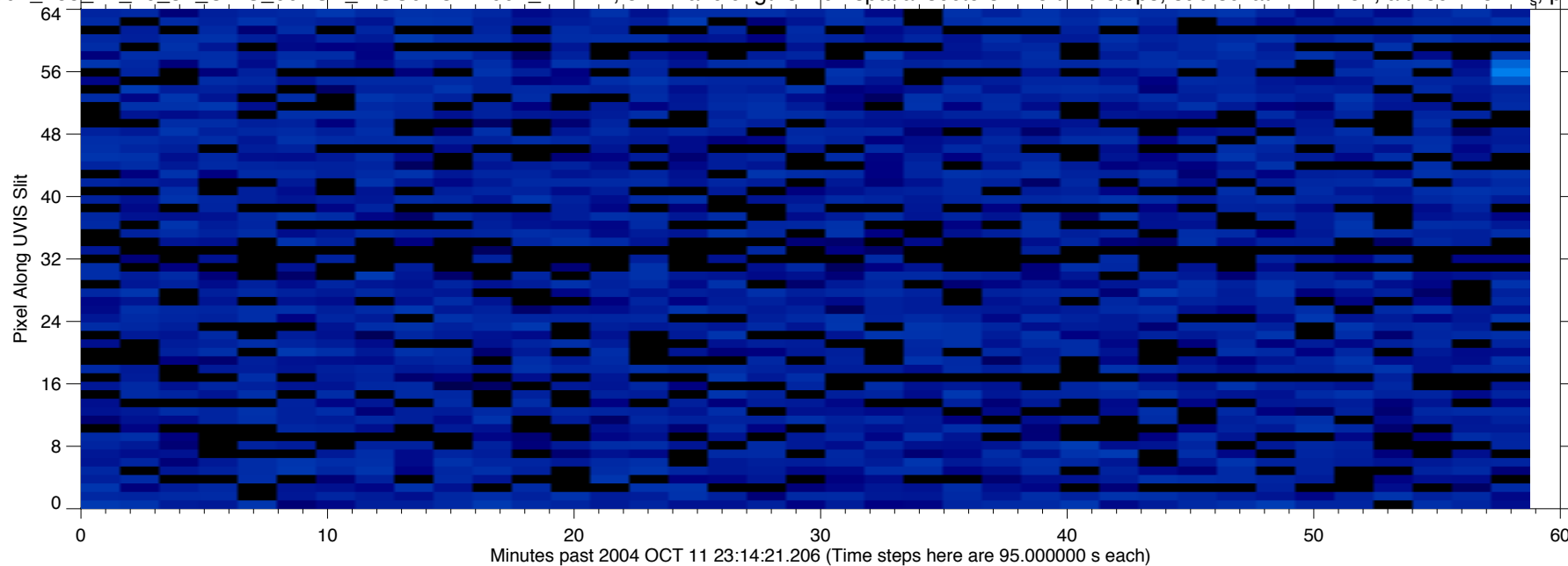
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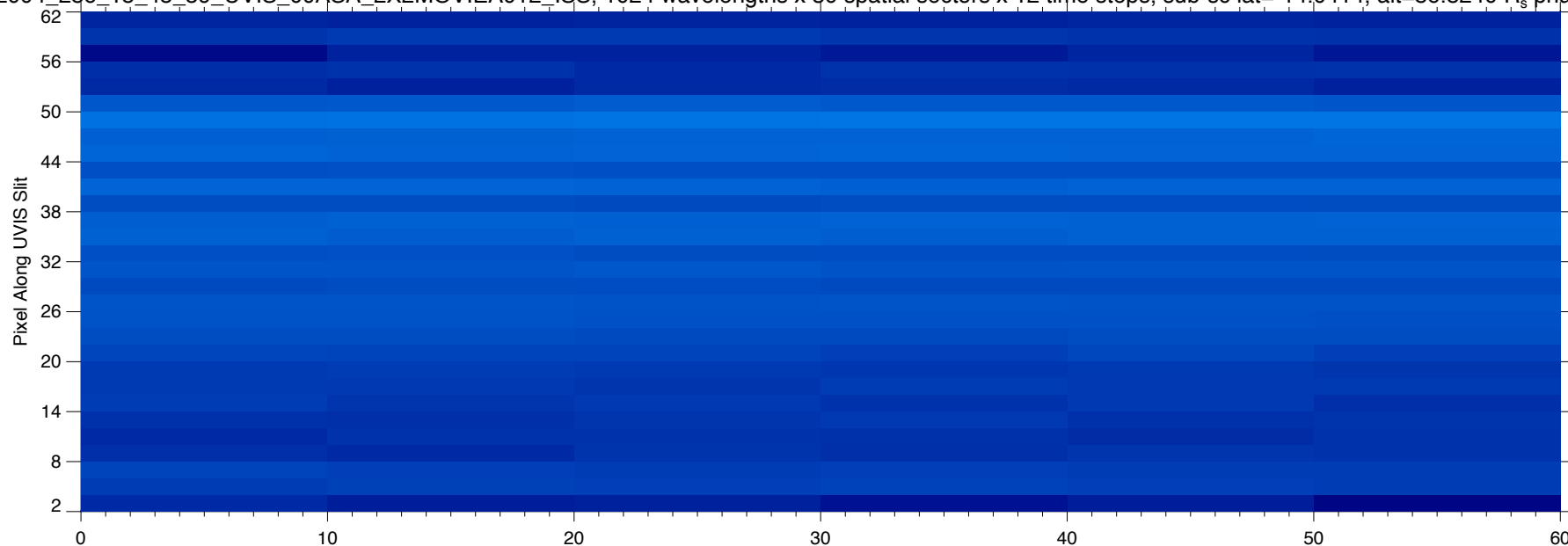
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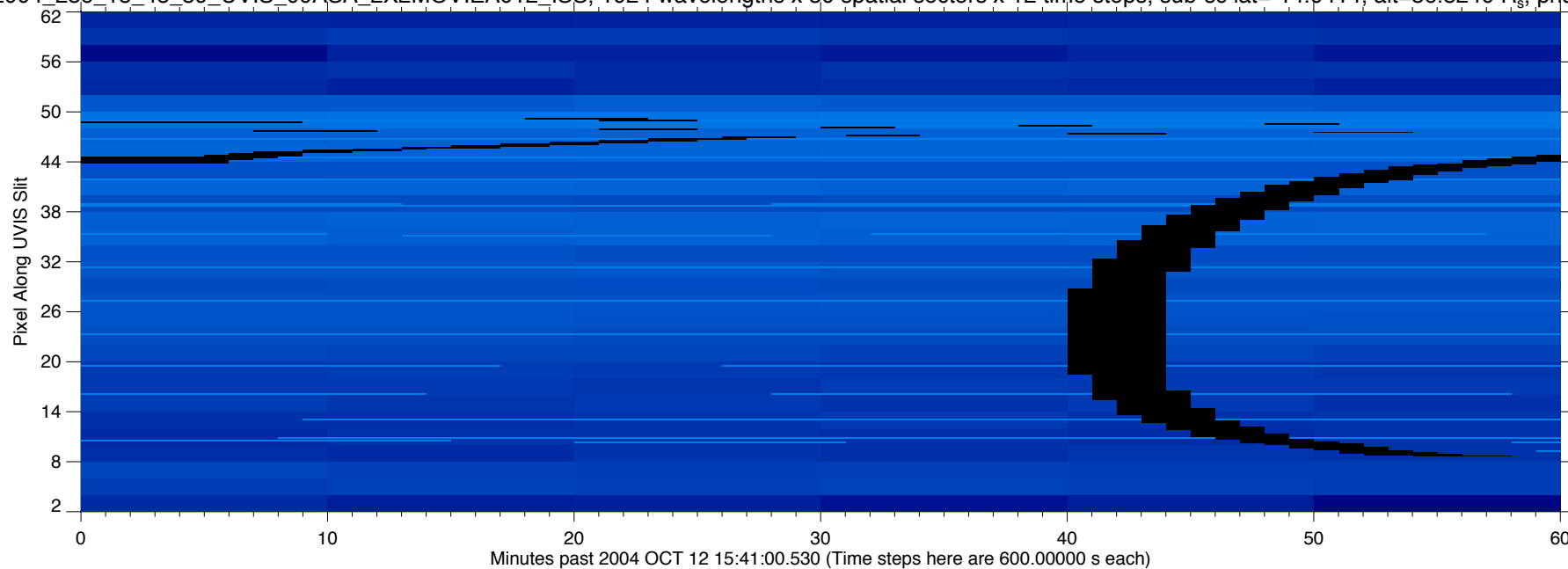
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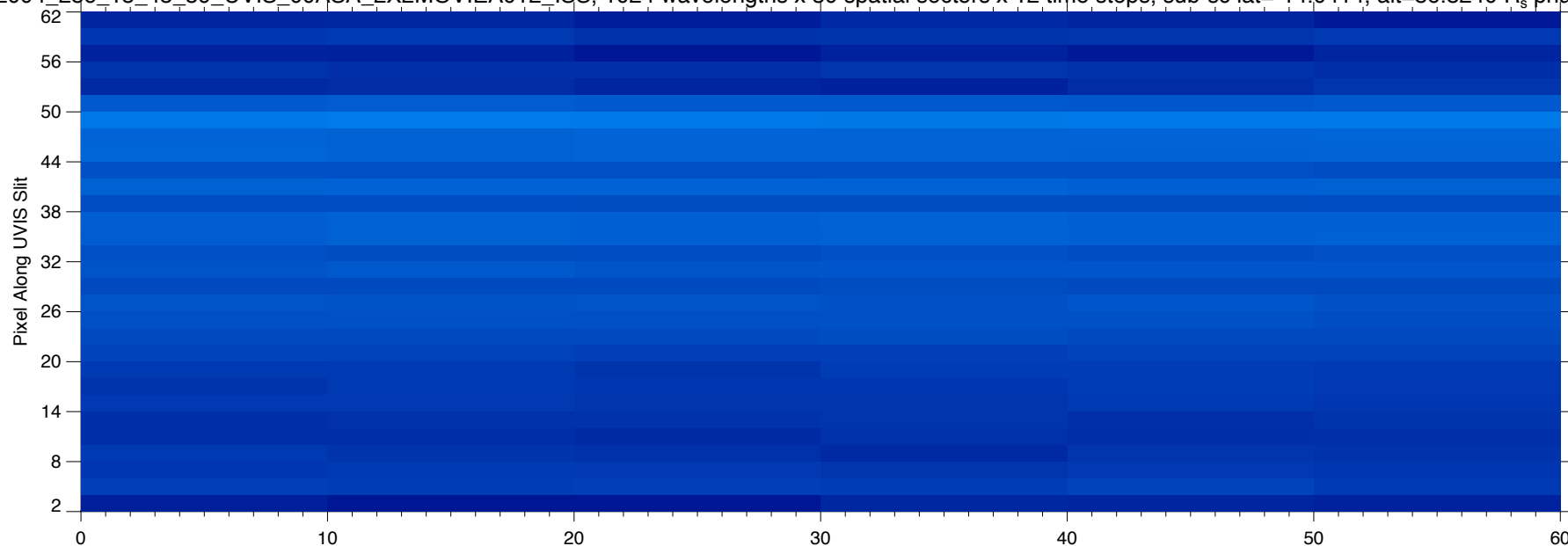
FUV2004_286_15_45_59_UVIS_00ASA_2X2MOVIEA012_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-14.0414, alt=86.8240 R_s phase=67.9465



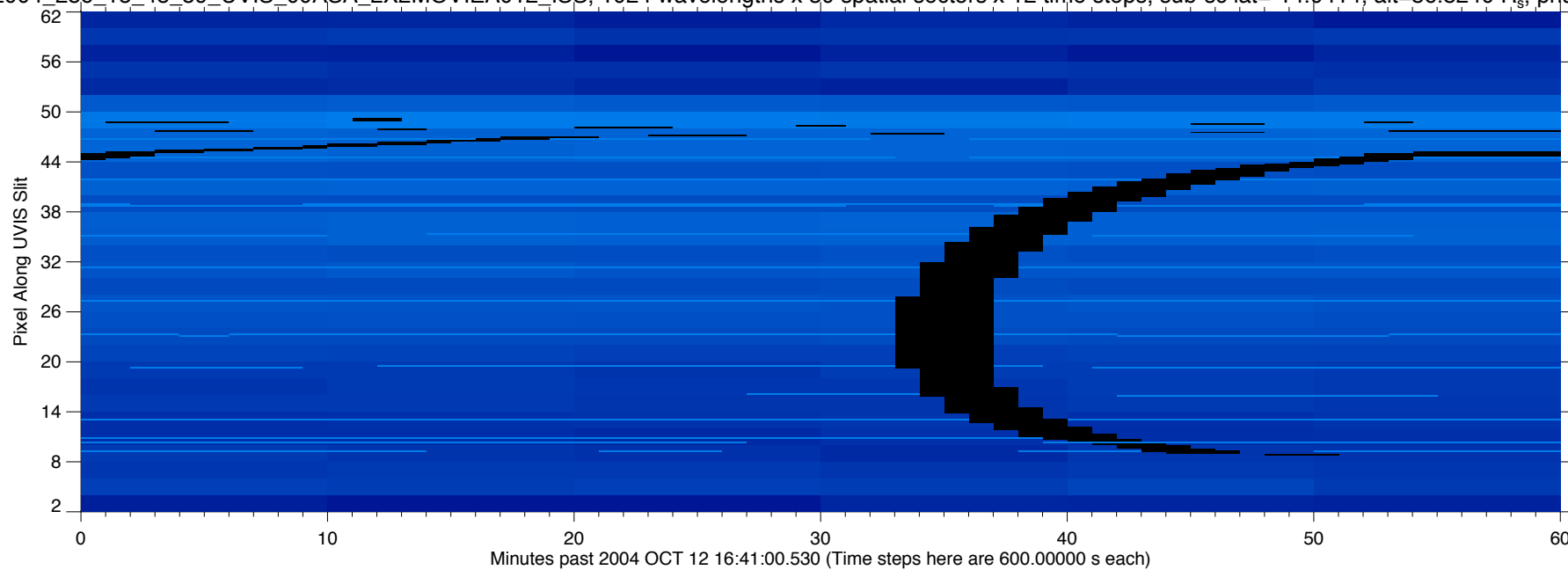
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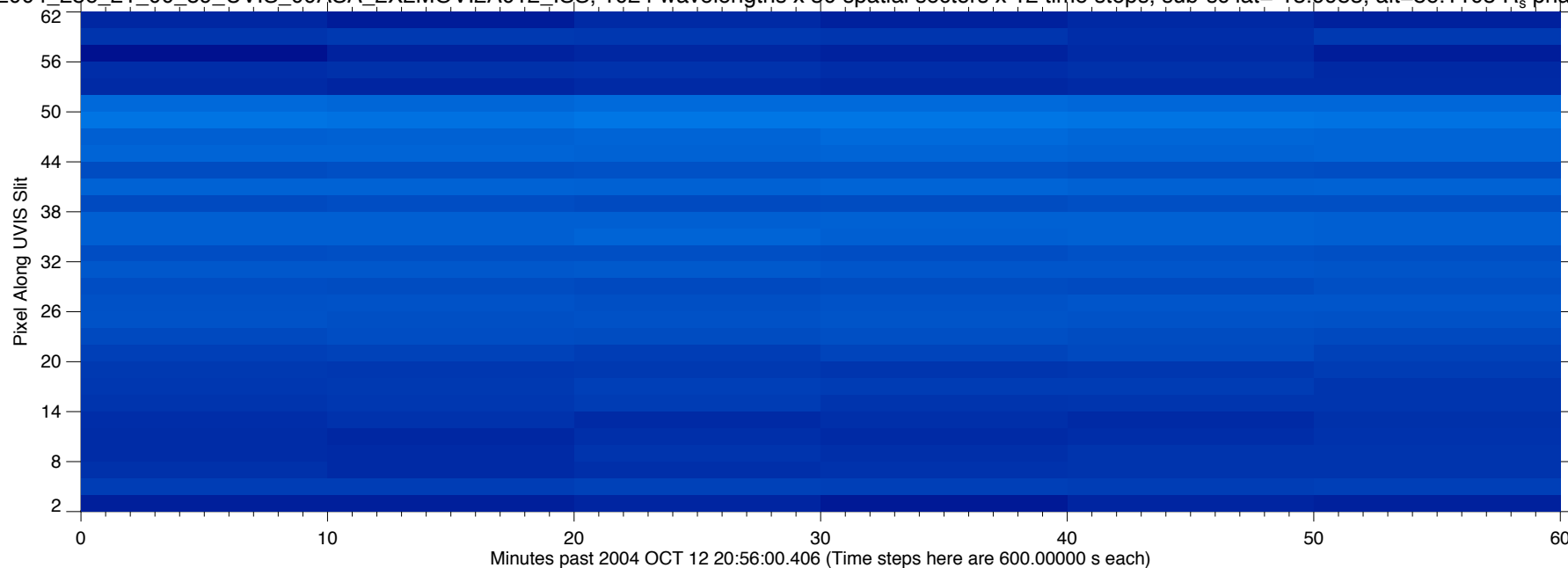
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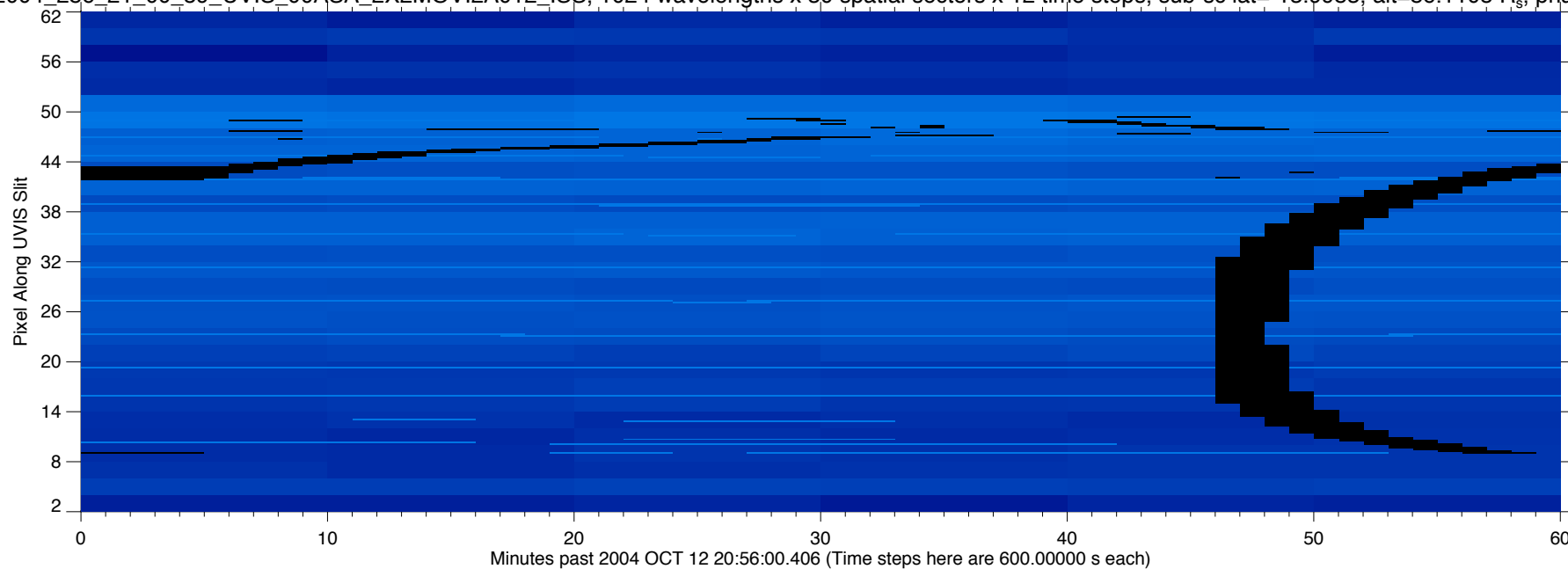
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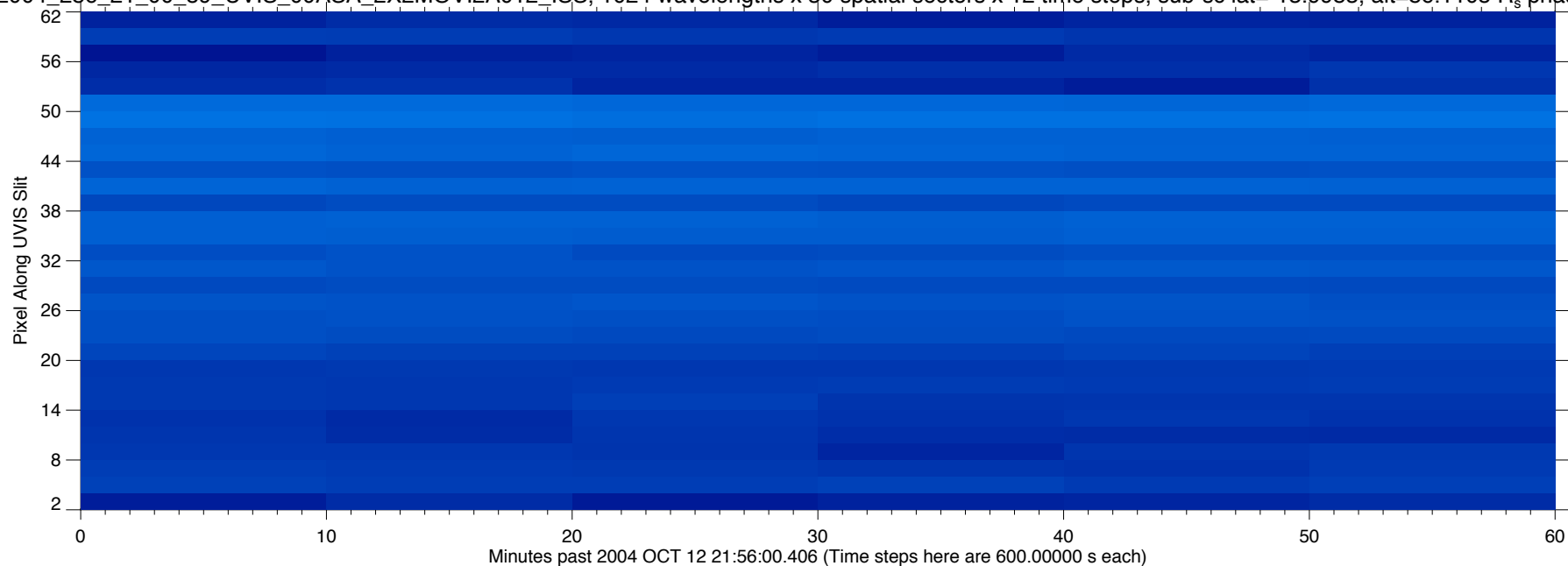
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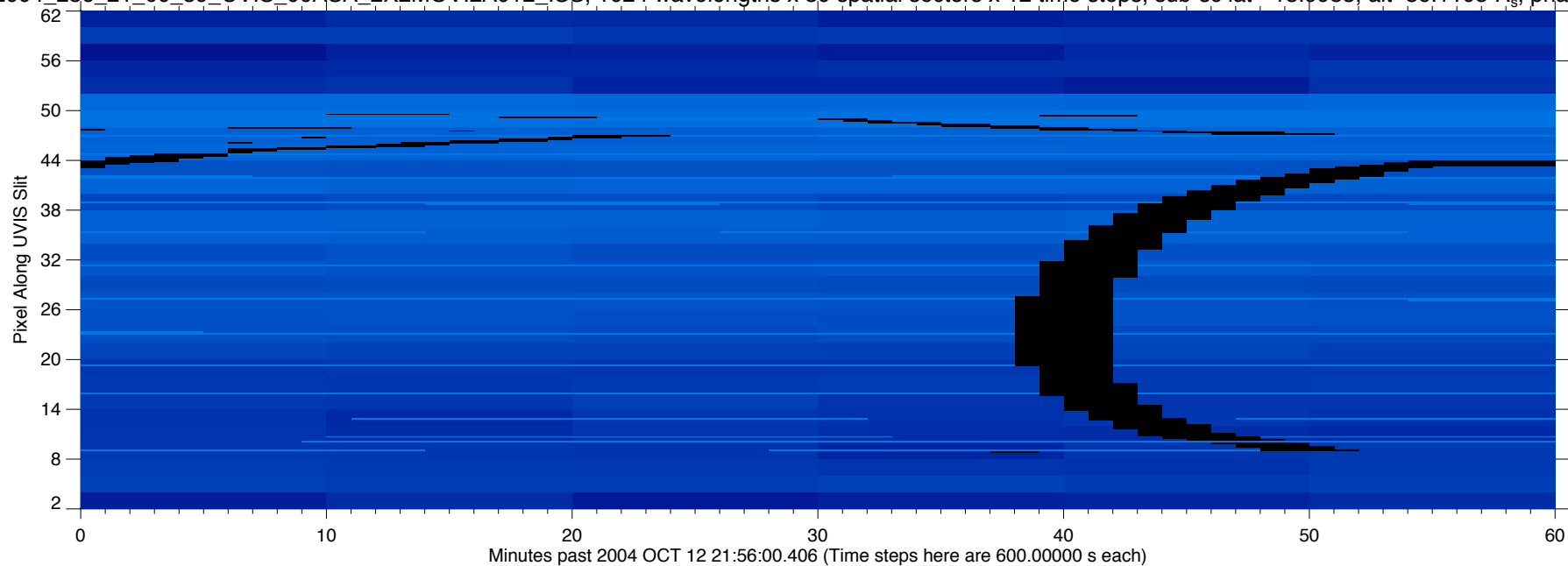
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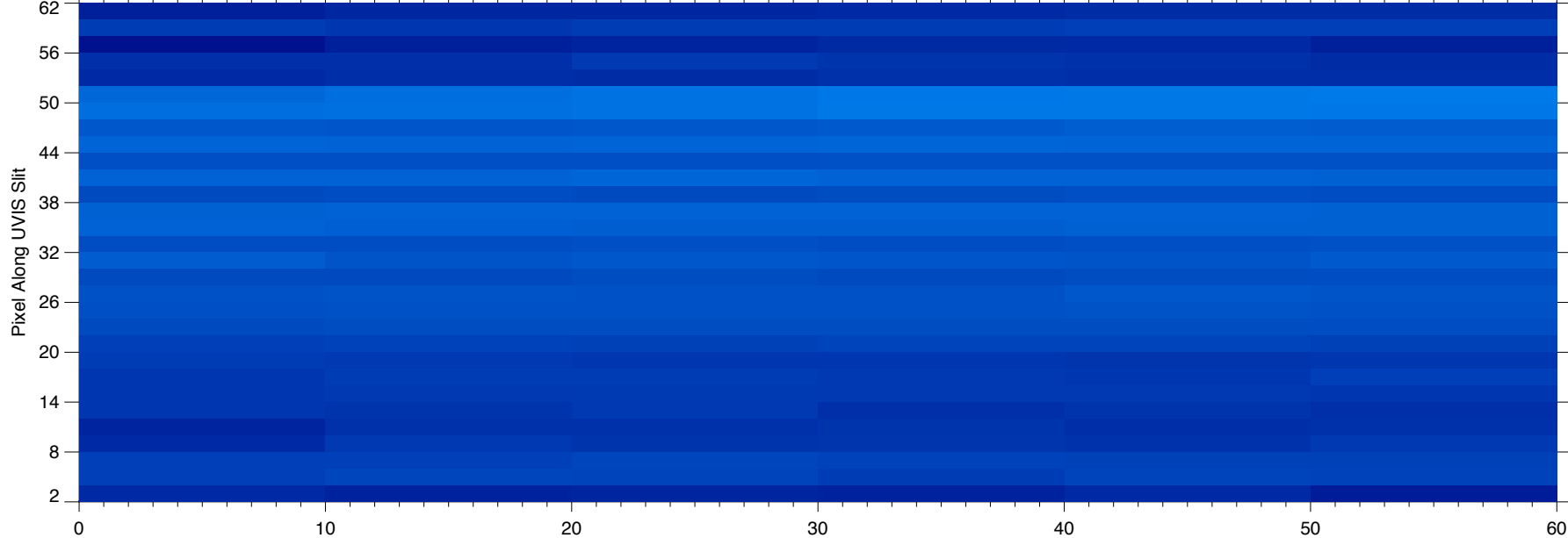
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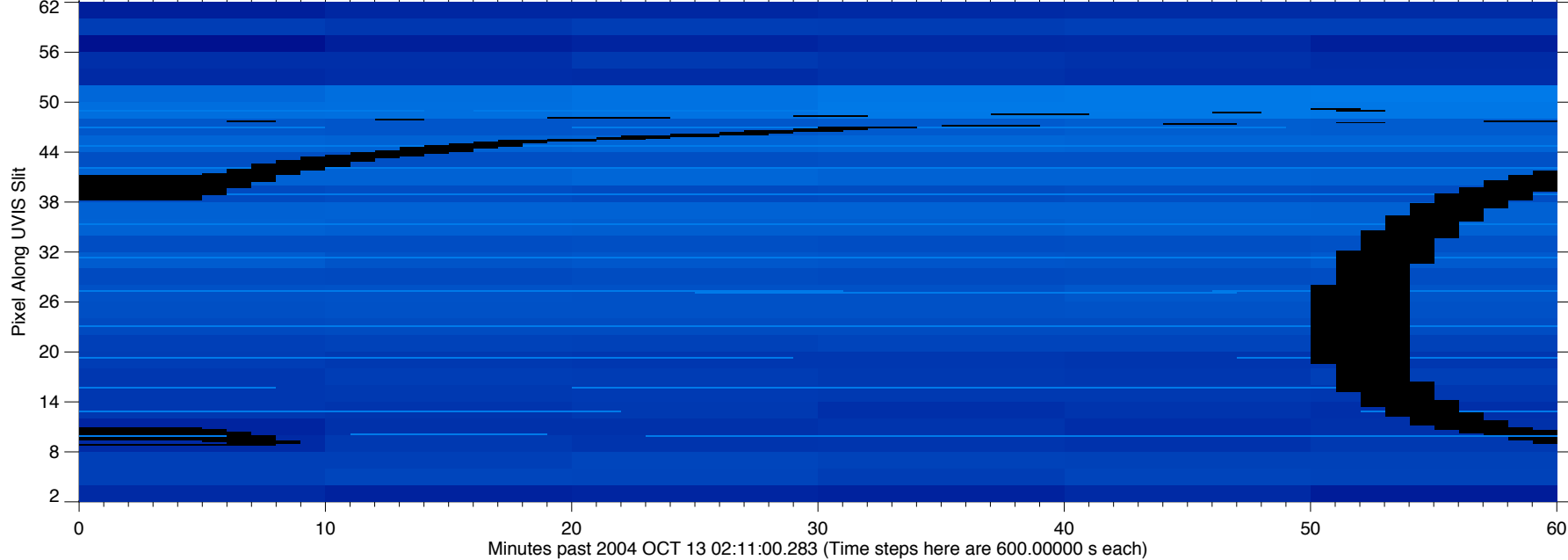
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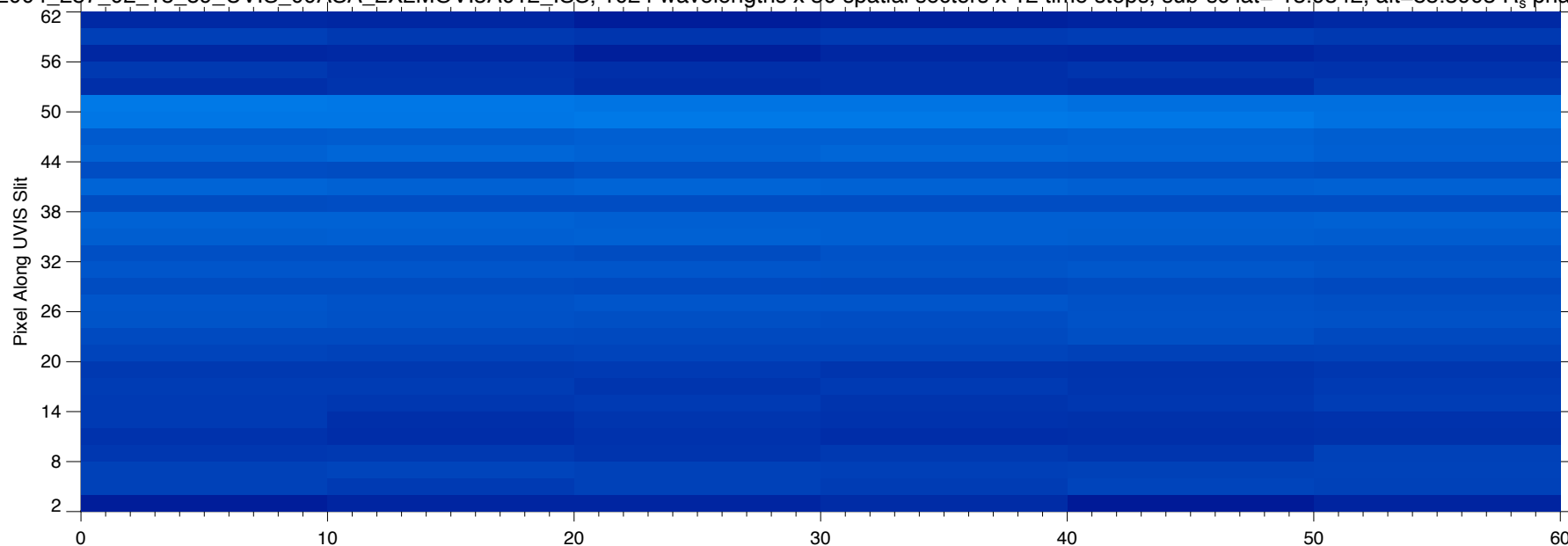
FUV2004_287_02_15_59_UVIS_00ASA_2X2MOVI3A012_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-13.9542, alt=85.3903 R_s phase=67.5589



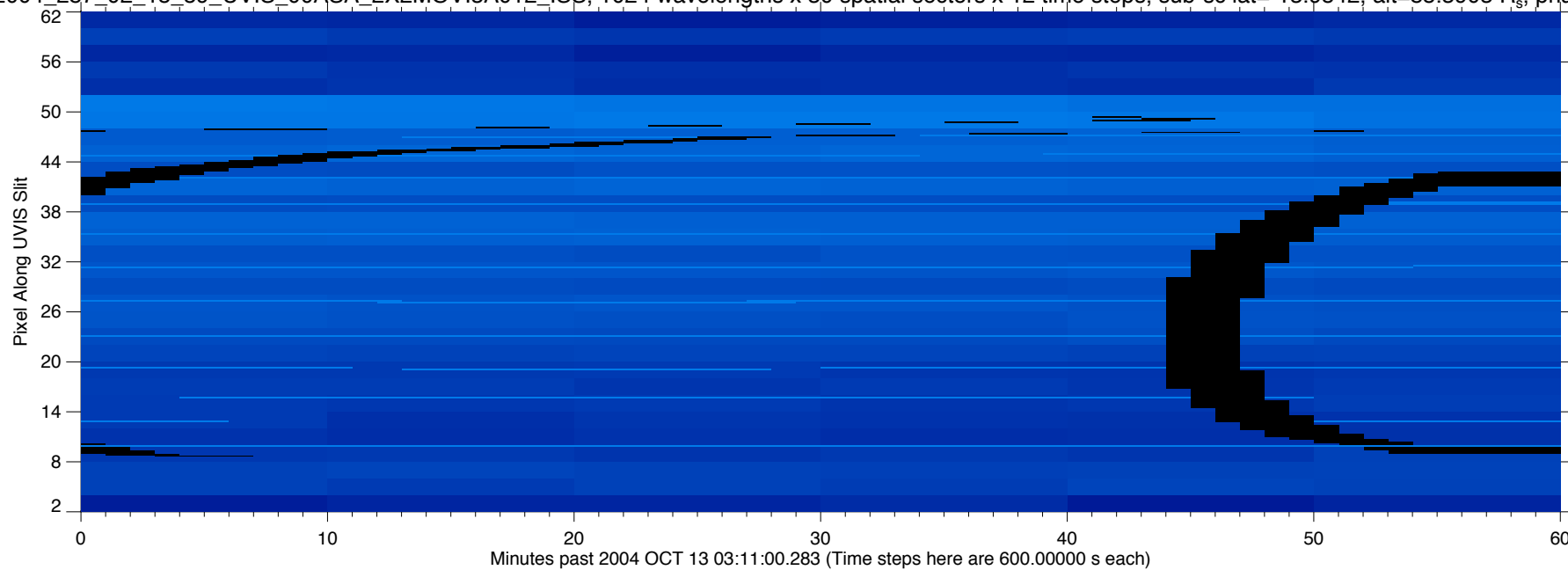
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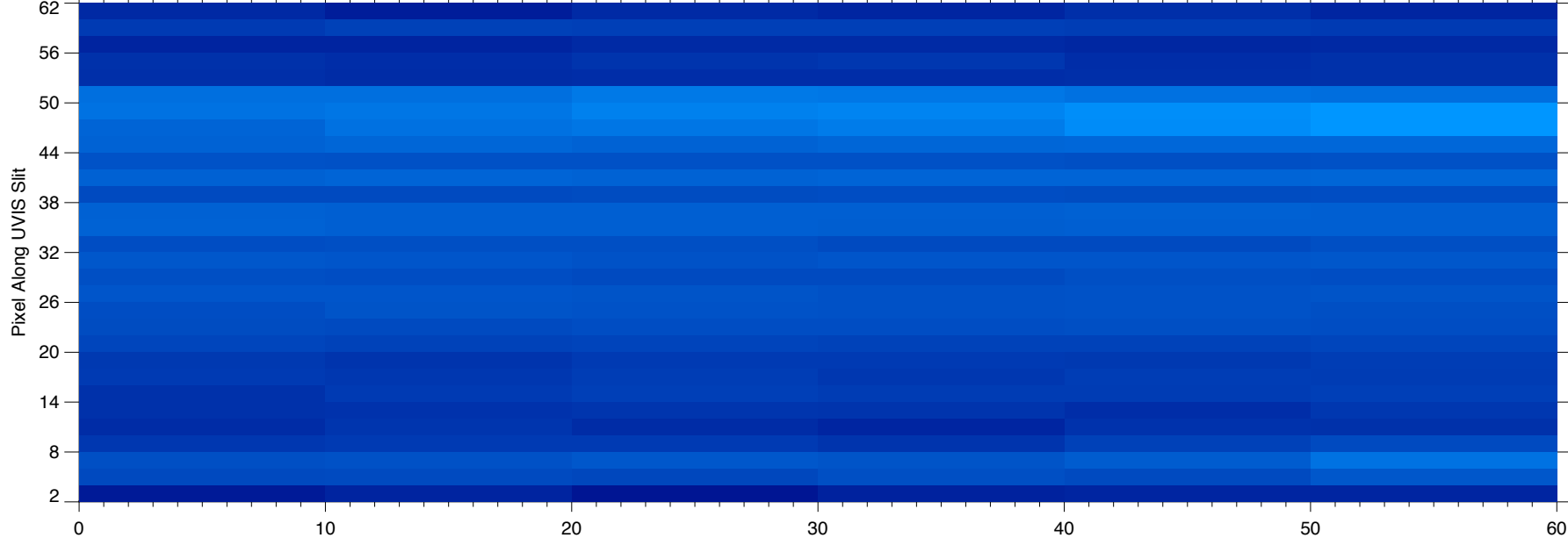
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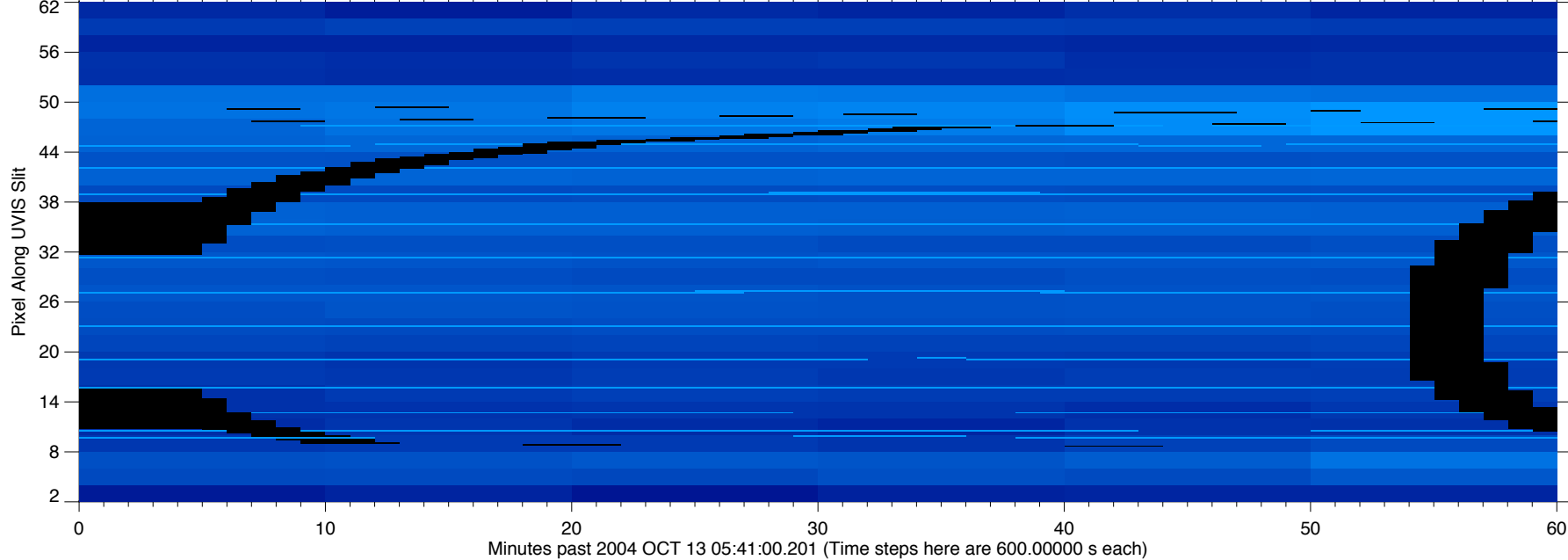
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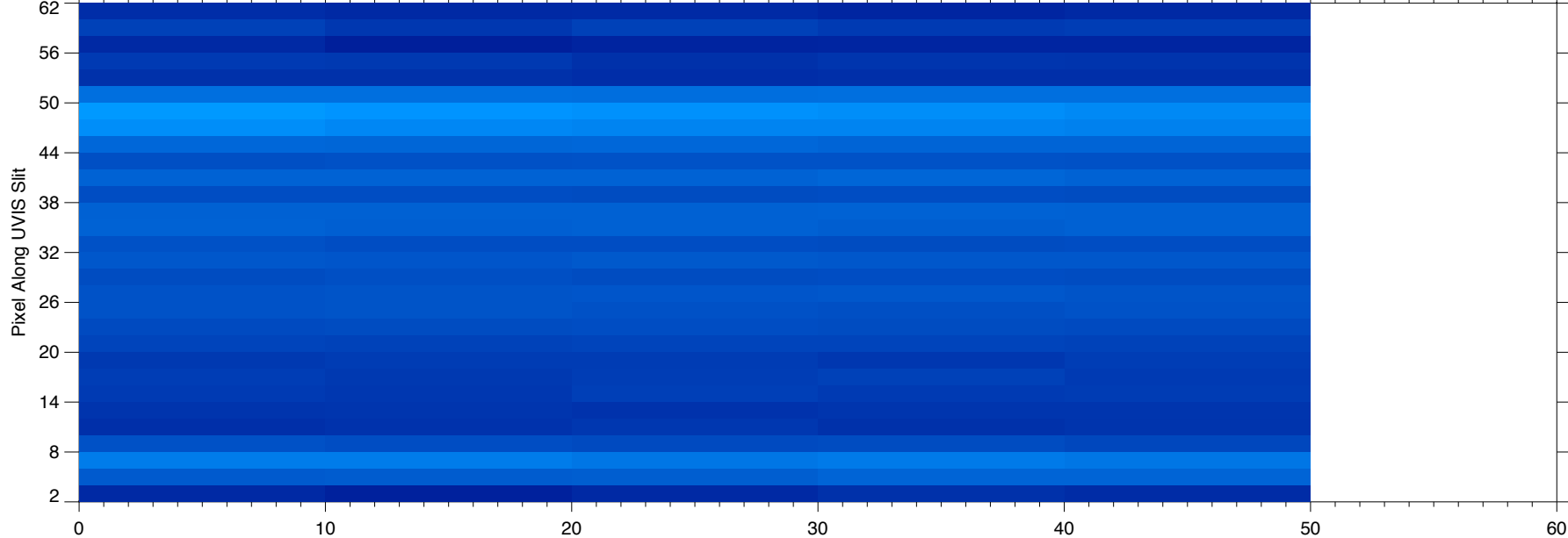
FUV2004_287_05_45_59_UVIS_00ASA_2X2MOVI4A012_ISS, 1024 wavelengths x 30 spatial sectors x 11 time steps, sub-sc lat=-13.9242, alt=84.9064 R_s phase=67.4268



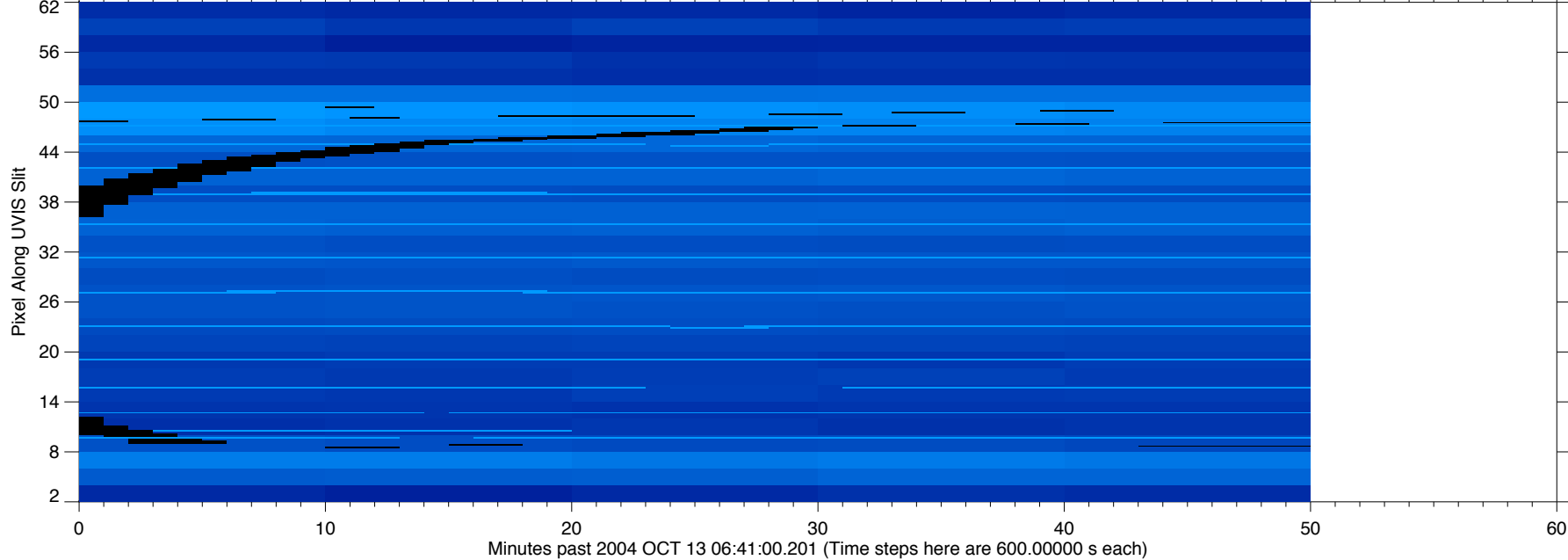
FUV2004_287_05_45_59_UVIS_00ASA_2X2MOVI4A012_ISS, 1024 wavelengths x 30 spatial sectors x 11 time steps, sub-sc lat=-13.9242, alt=84.9064 R_s, phase=67.4268



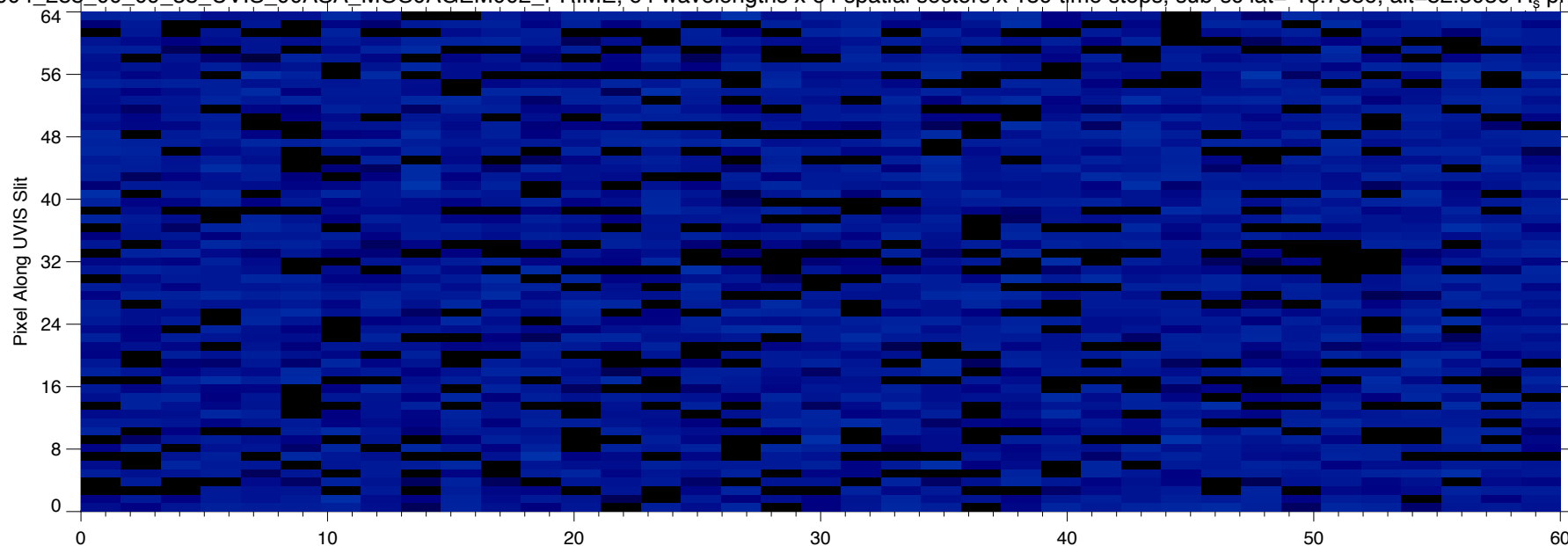
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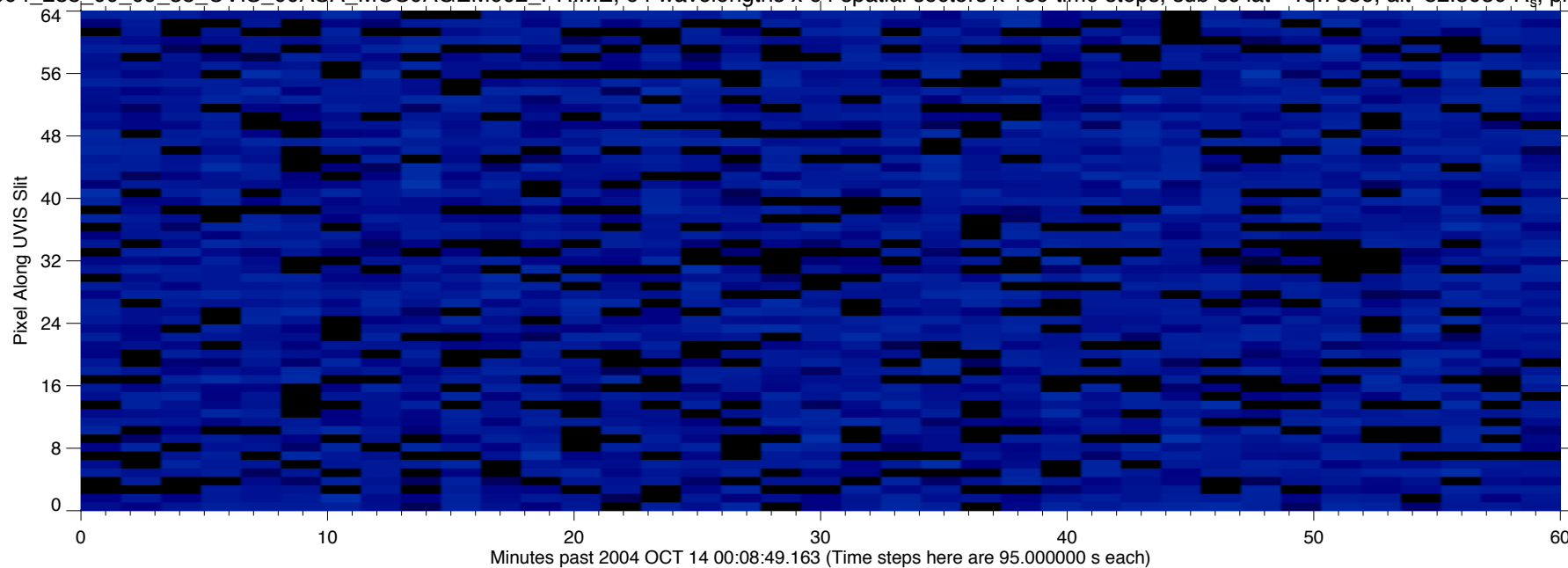
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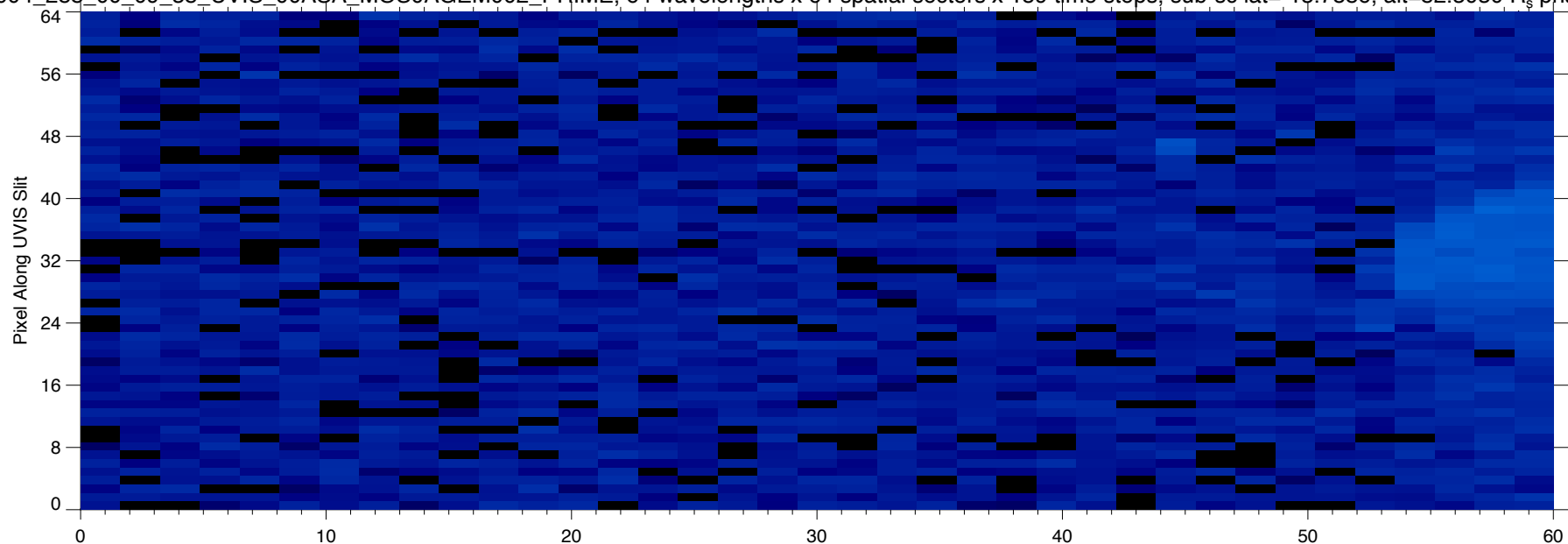
FUV2004_288_00_09_38_UVIS_00ASA_MOS0AGEM002_PRIME, 64 wavelengths x 64 spatial sectors x 159 time steps, sub-sc lat=-13.7586, alt=82.3030 R_s, phase=66.7042



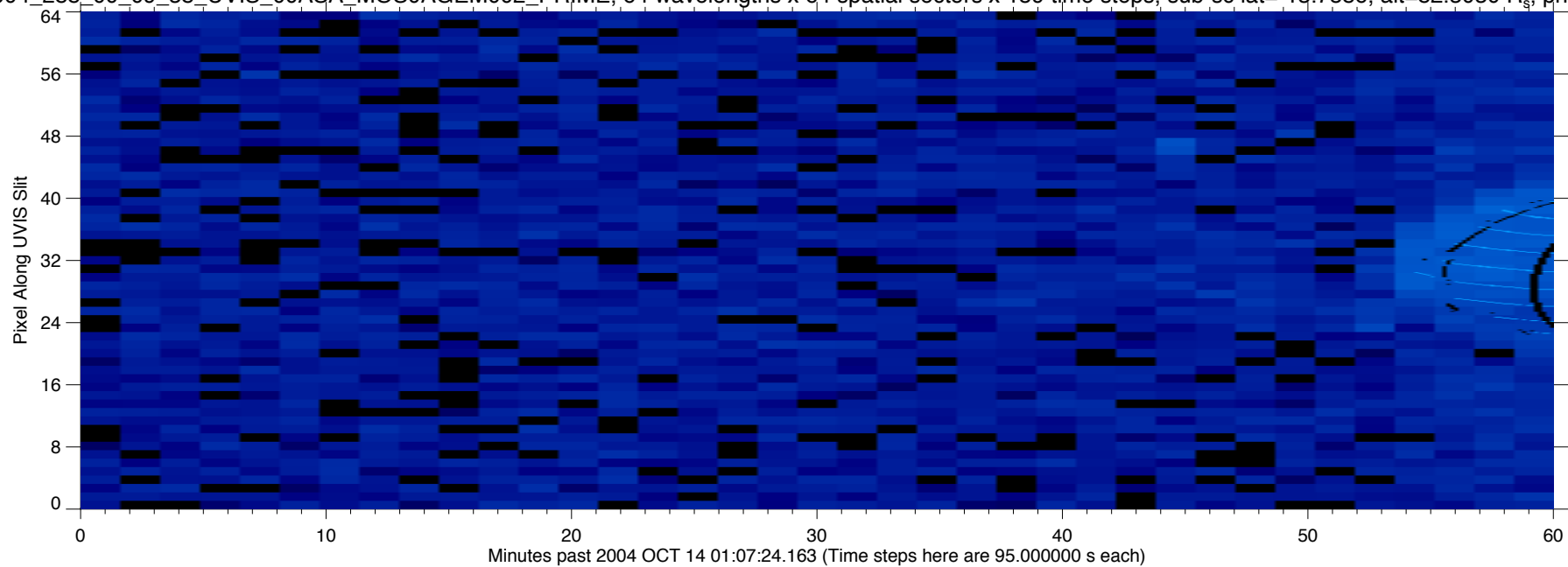
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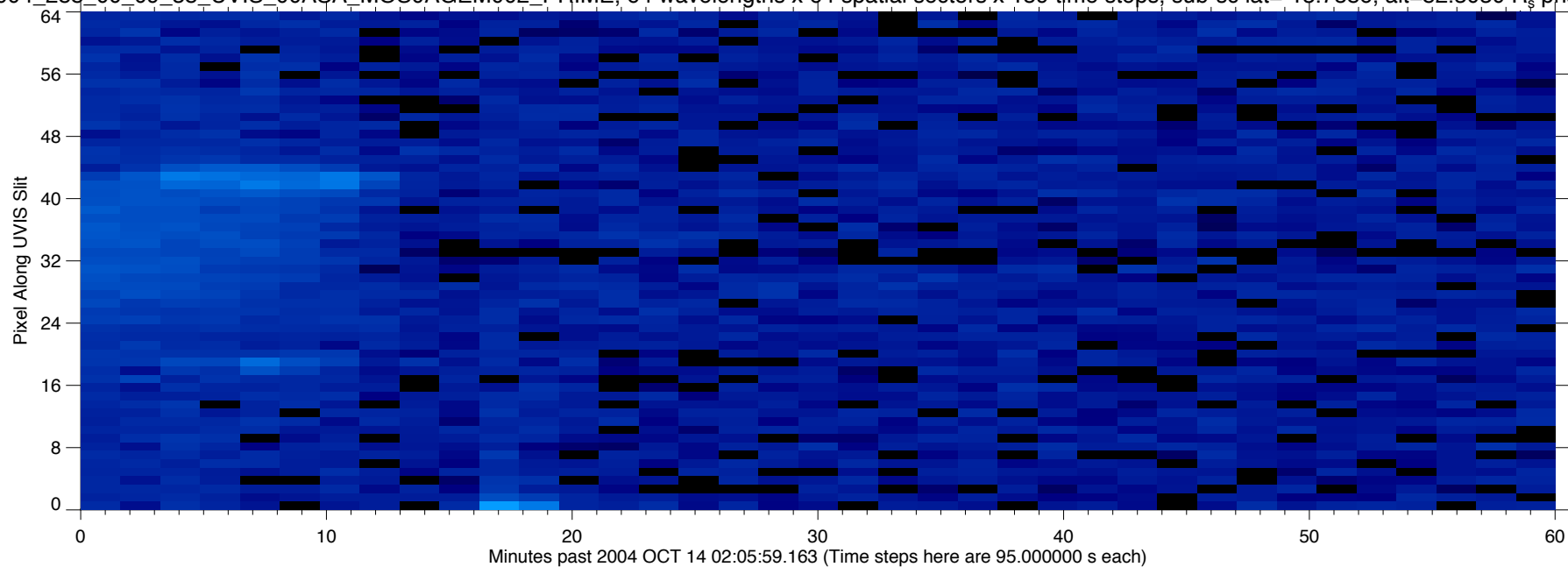
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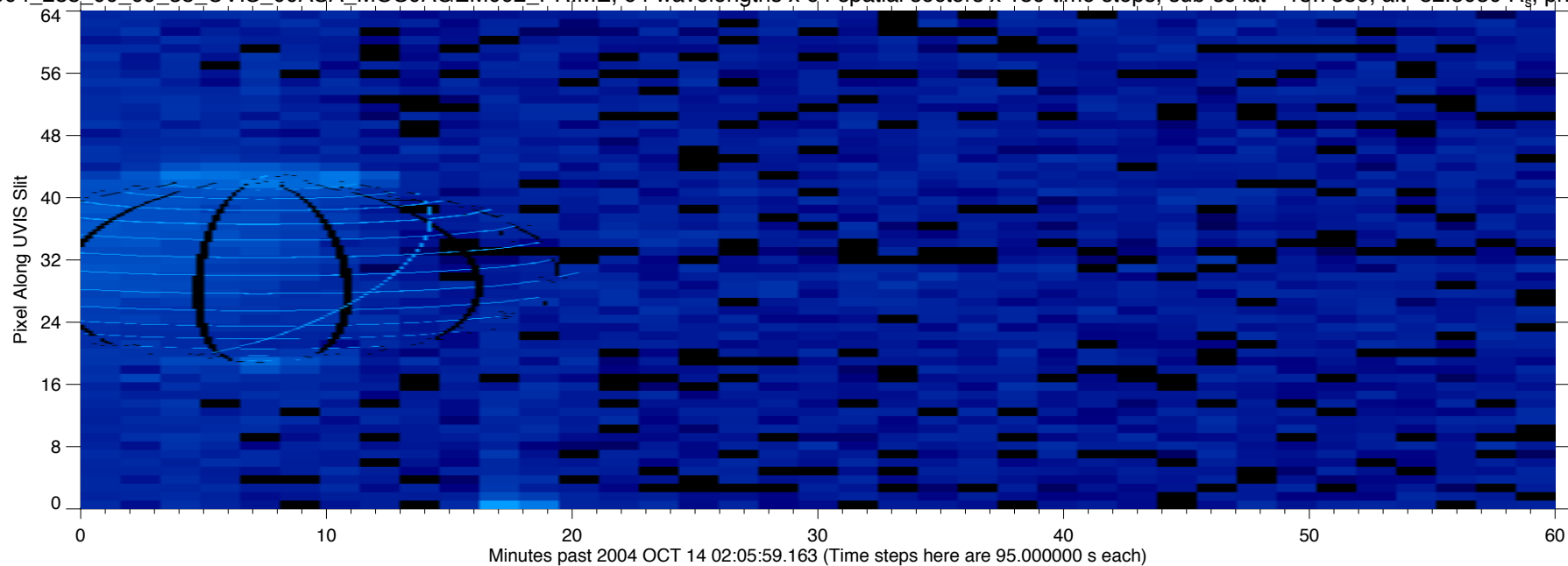
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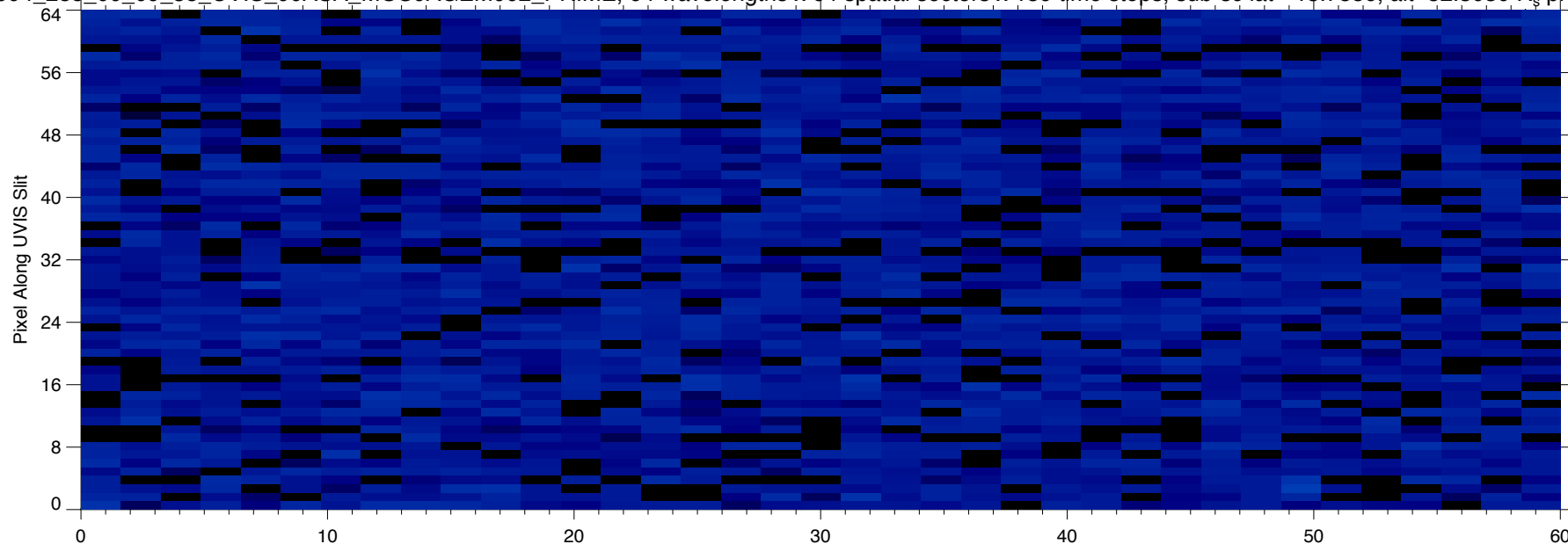
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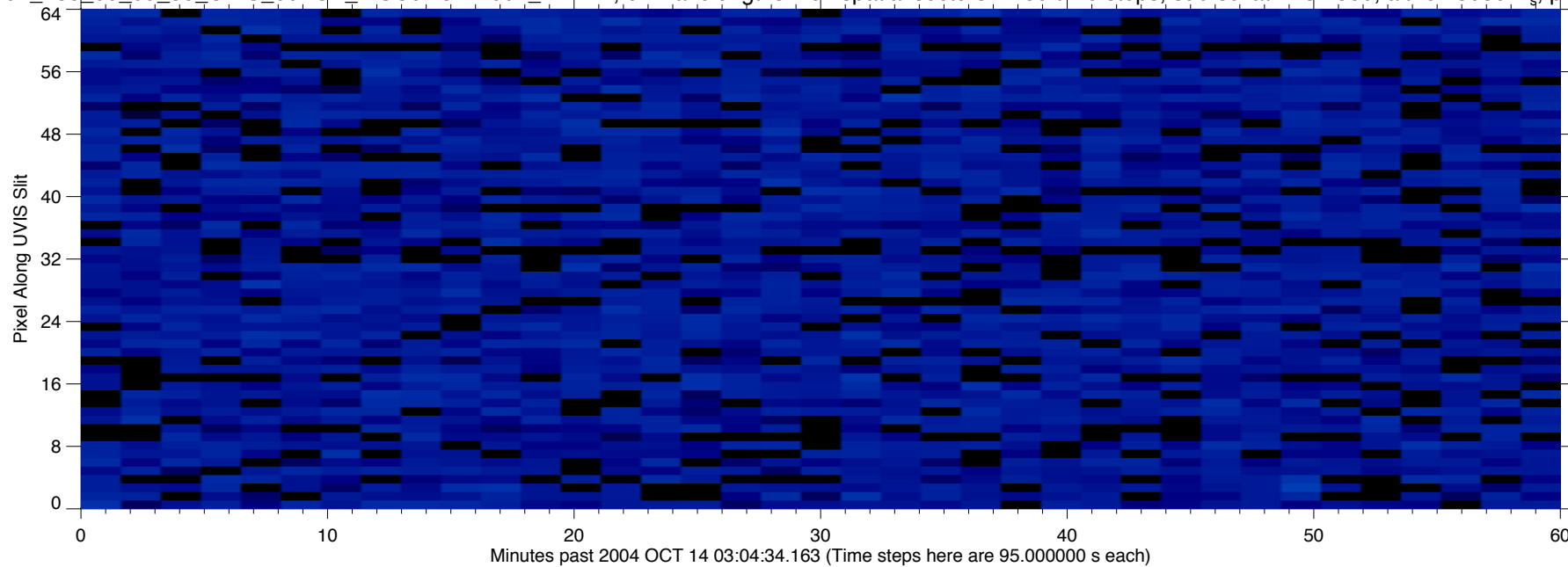
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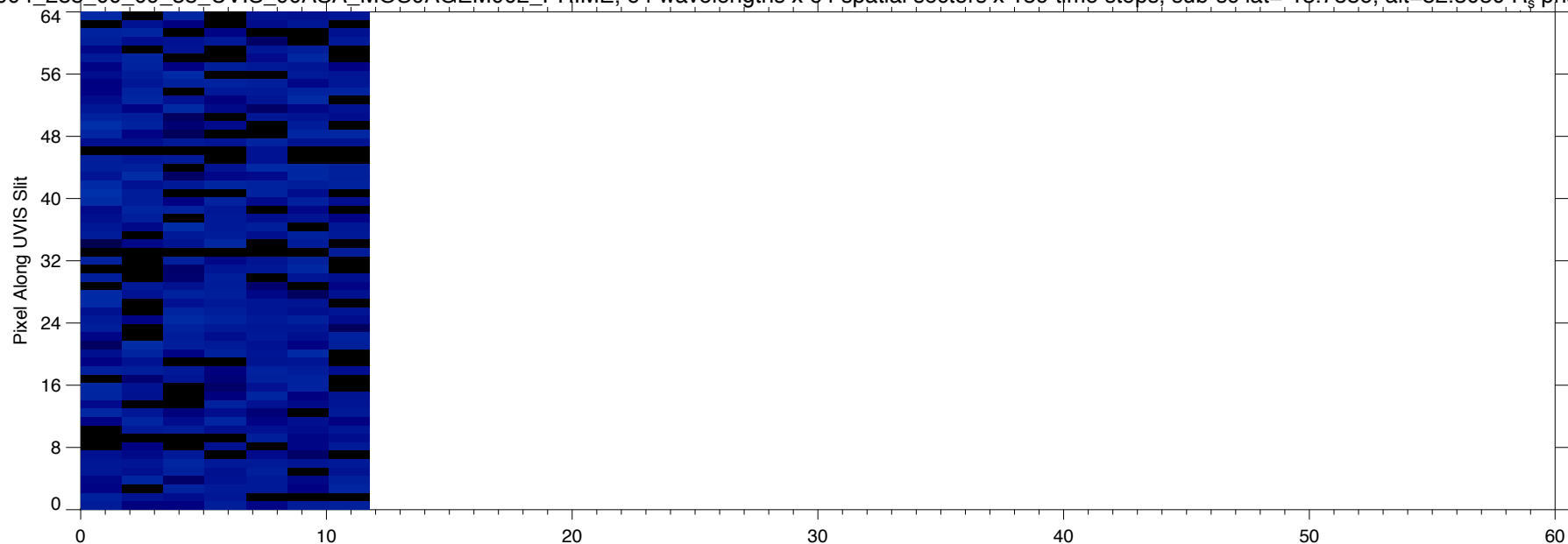
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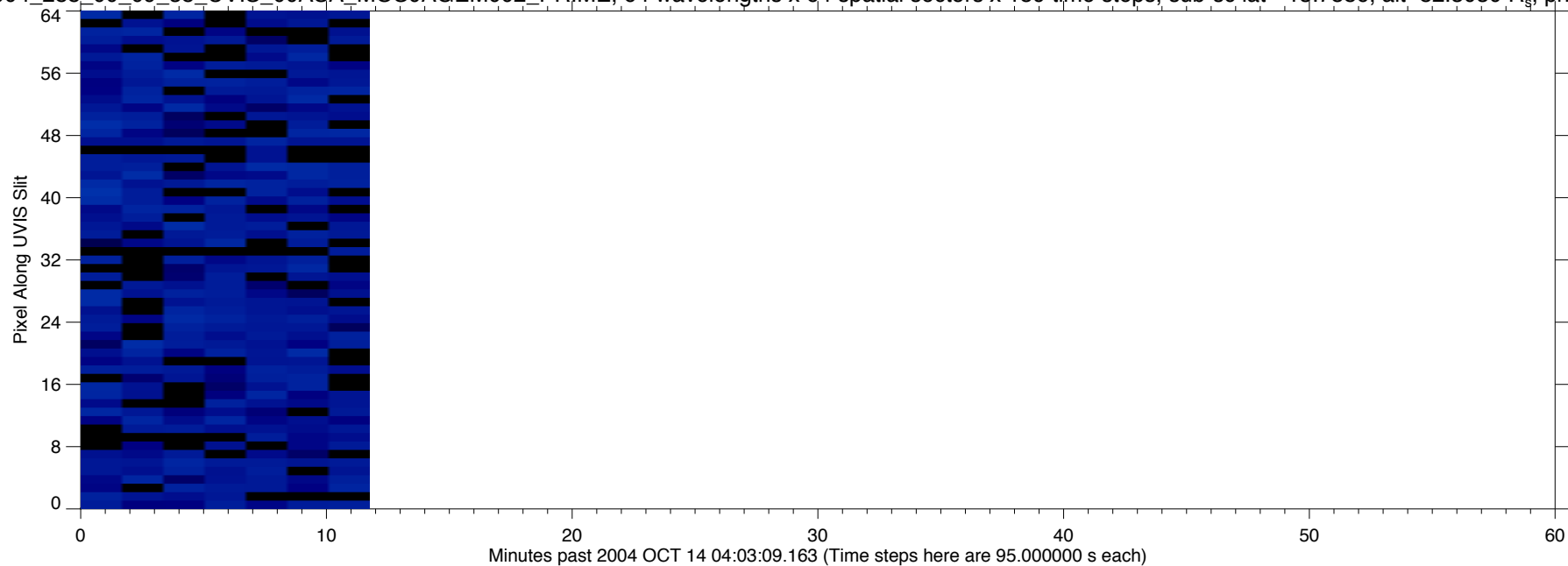
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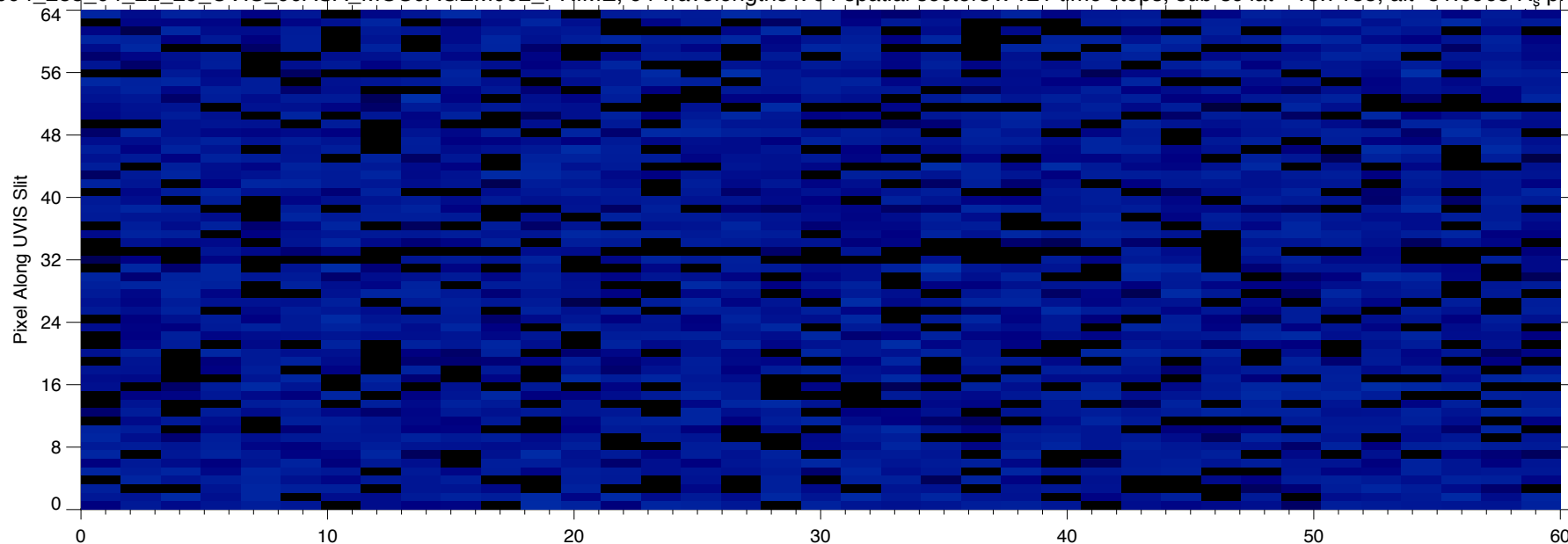
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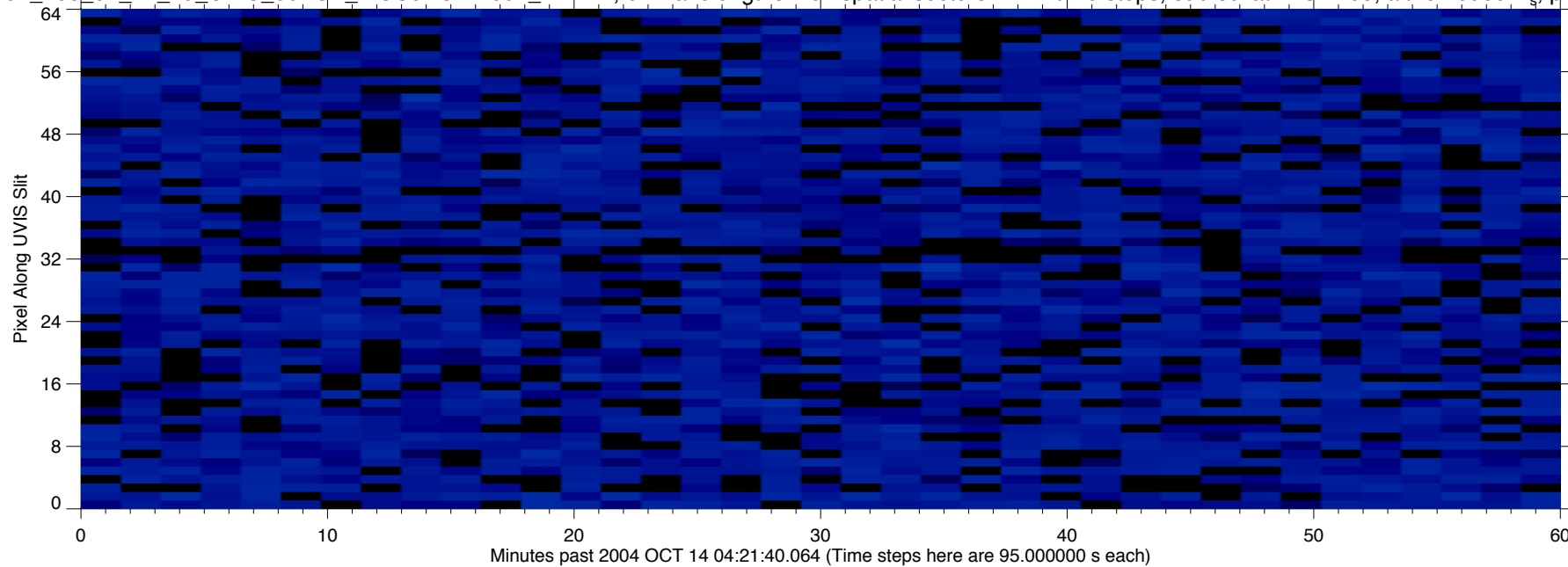
FUV2004_288_00_09_38_UVIS_00ASA_MOS0AGEM002_PRIME, 64 wavelengths x 64 spatial sectors x 159 time steps, sub-sc lat=-13.7586, alt=82.3030 R_s, phase=66.7042



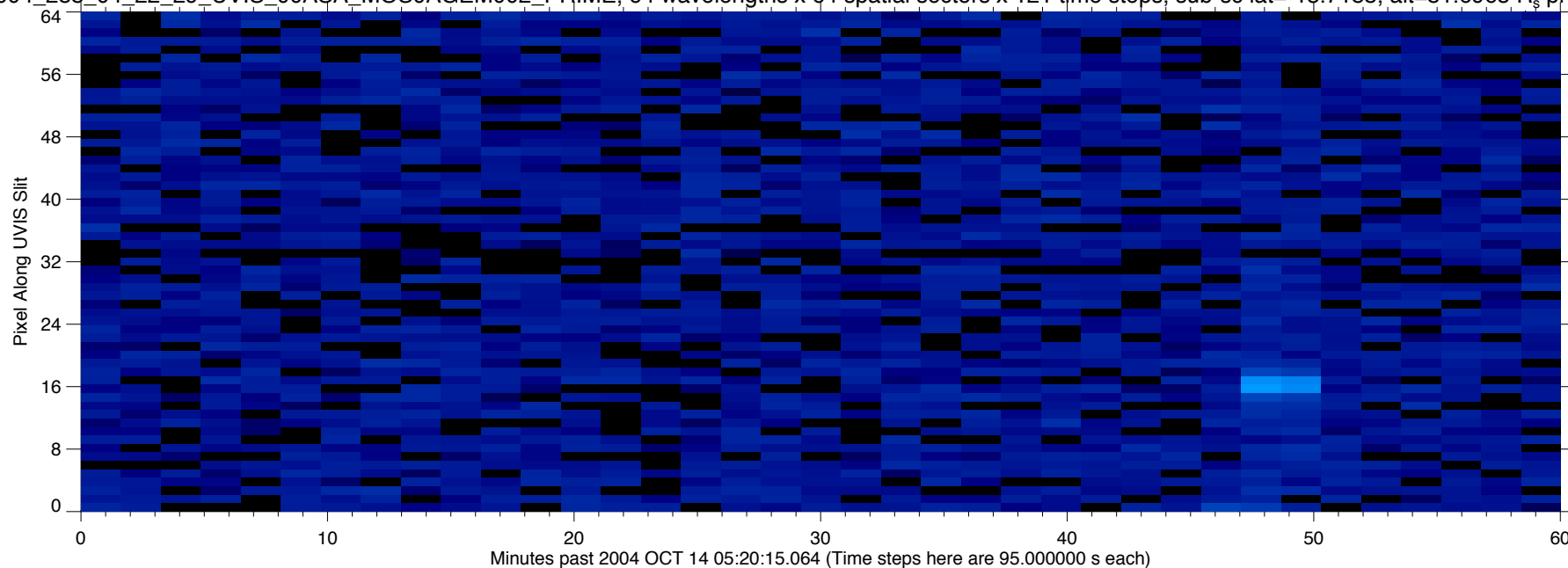
FUV2004_288_04_22_29_UVIS_00ASA_MOS0AGEM002_PRIME, 64 wavelengths x 64 spatial sectors x 121 time steps, sub-sc lat=-13.7188, alt=81.6965 R_s, phase=66.5328



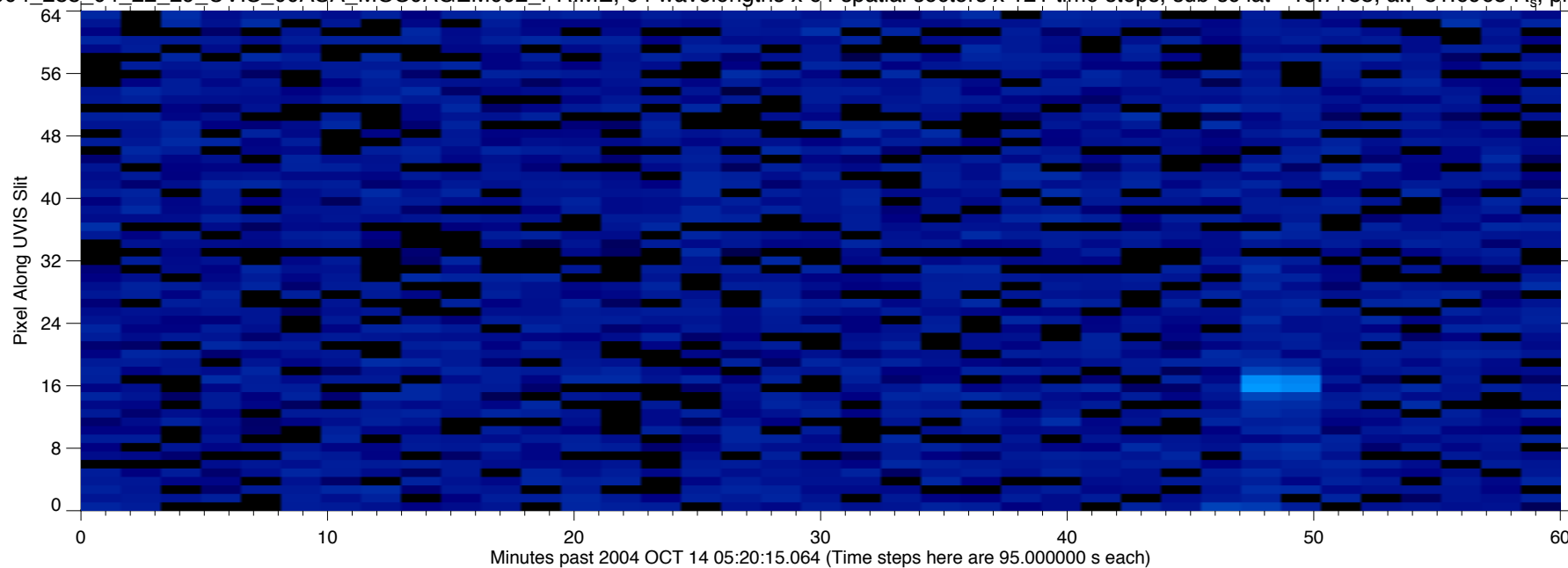
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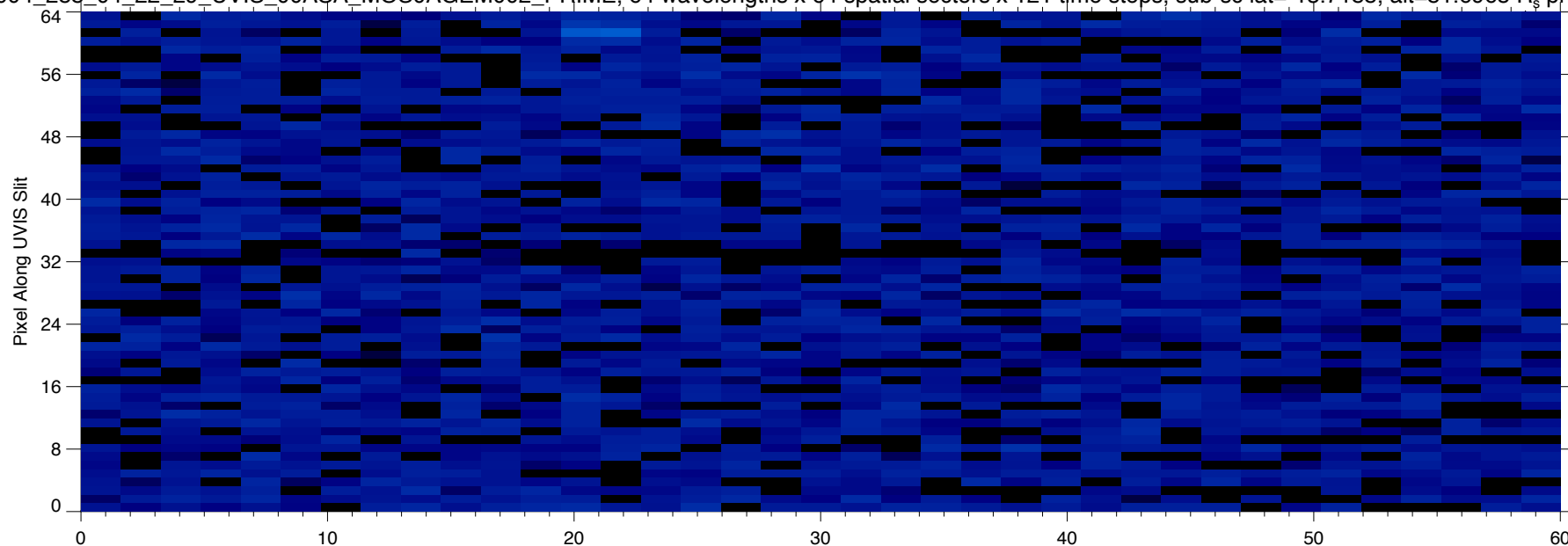
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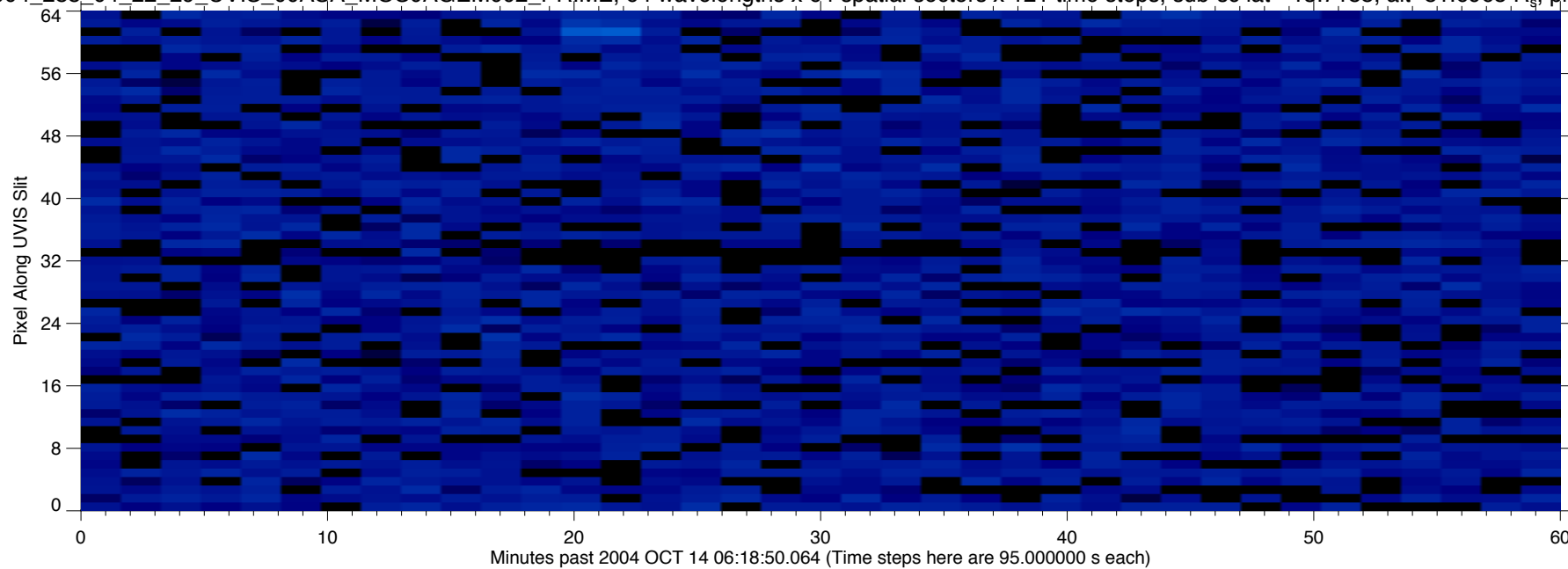
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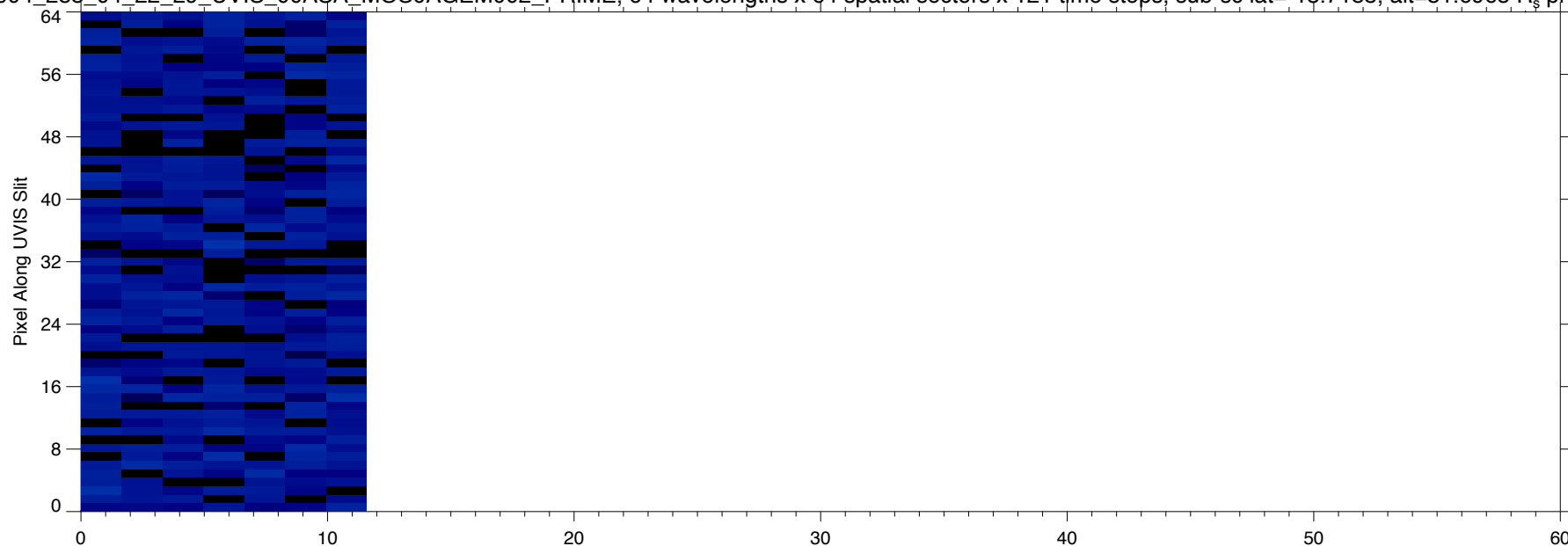
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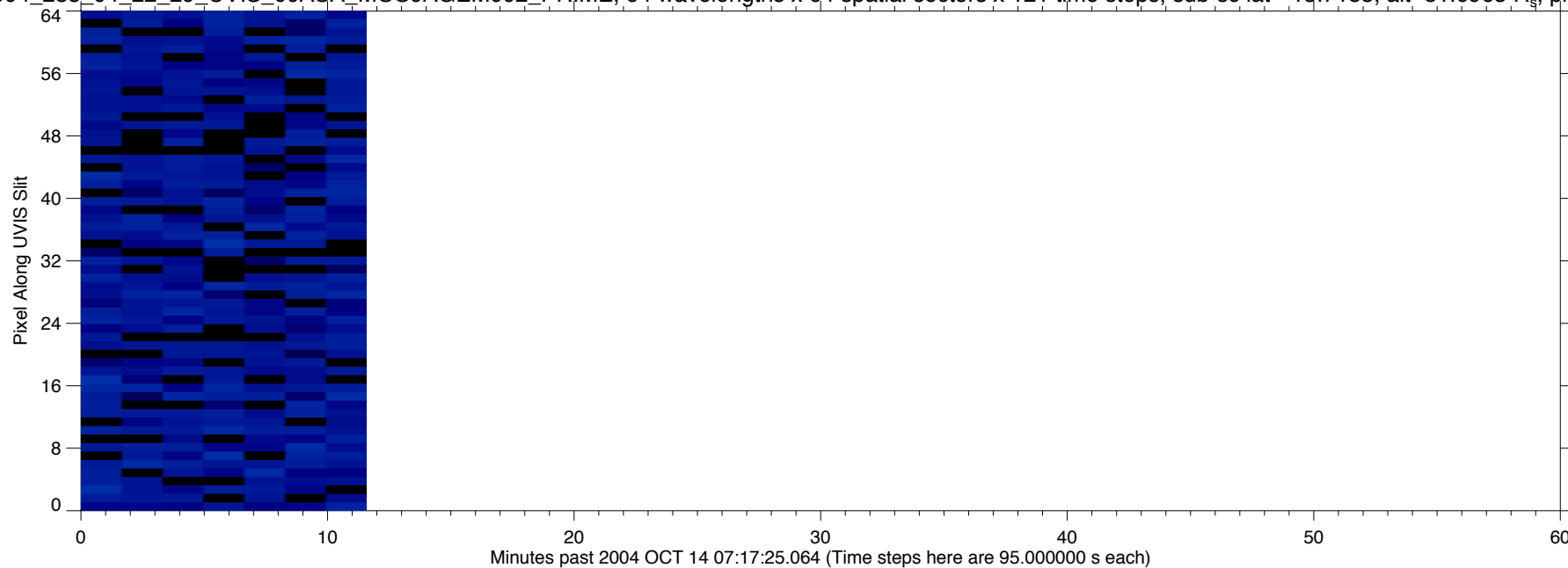
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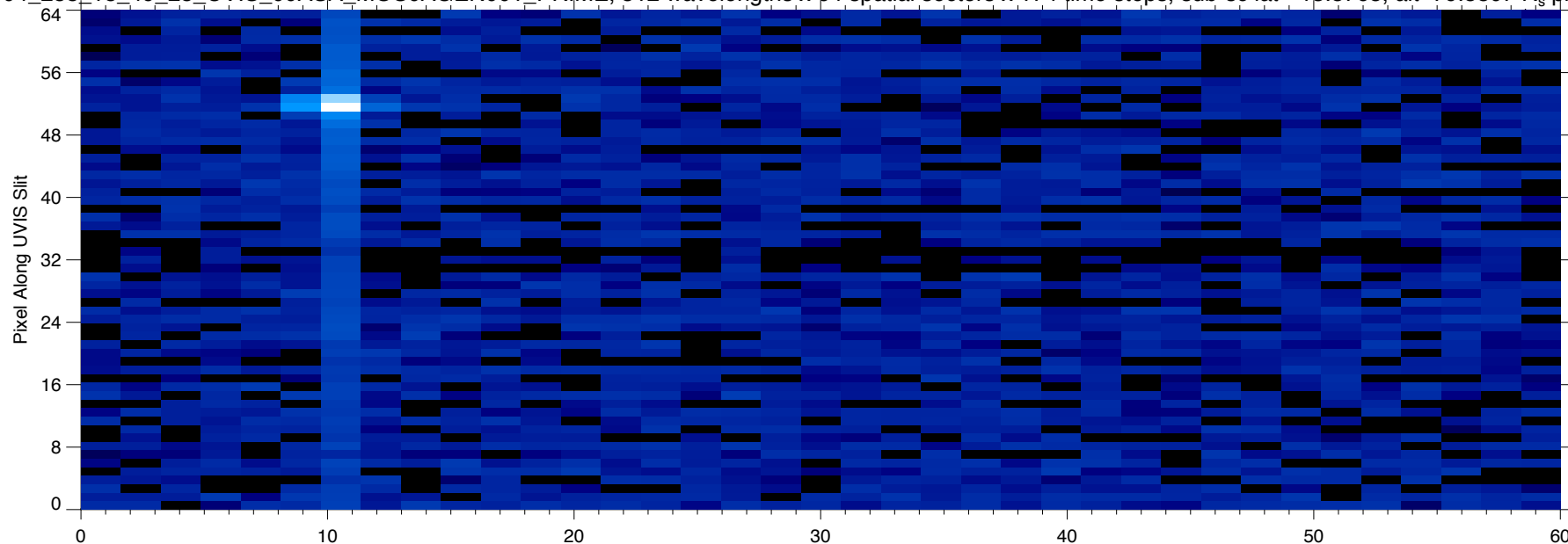
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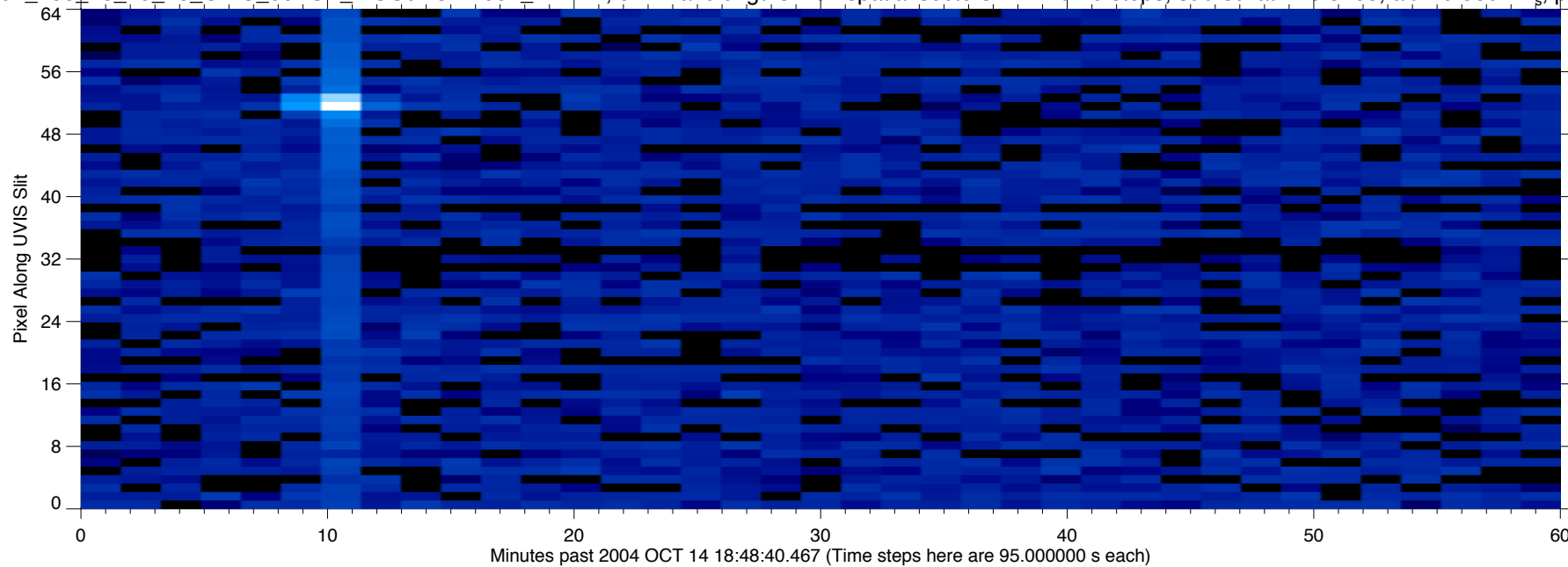
FUV2004_288_04_22_29_UVIS_00ASA_MOS0AGEM002_PRIME, 64 wavelengths x 64 spatial sectors x 121 time steps, sub-sc lat=-13.7188, alt=81.6965 R_s, phase=66.5328



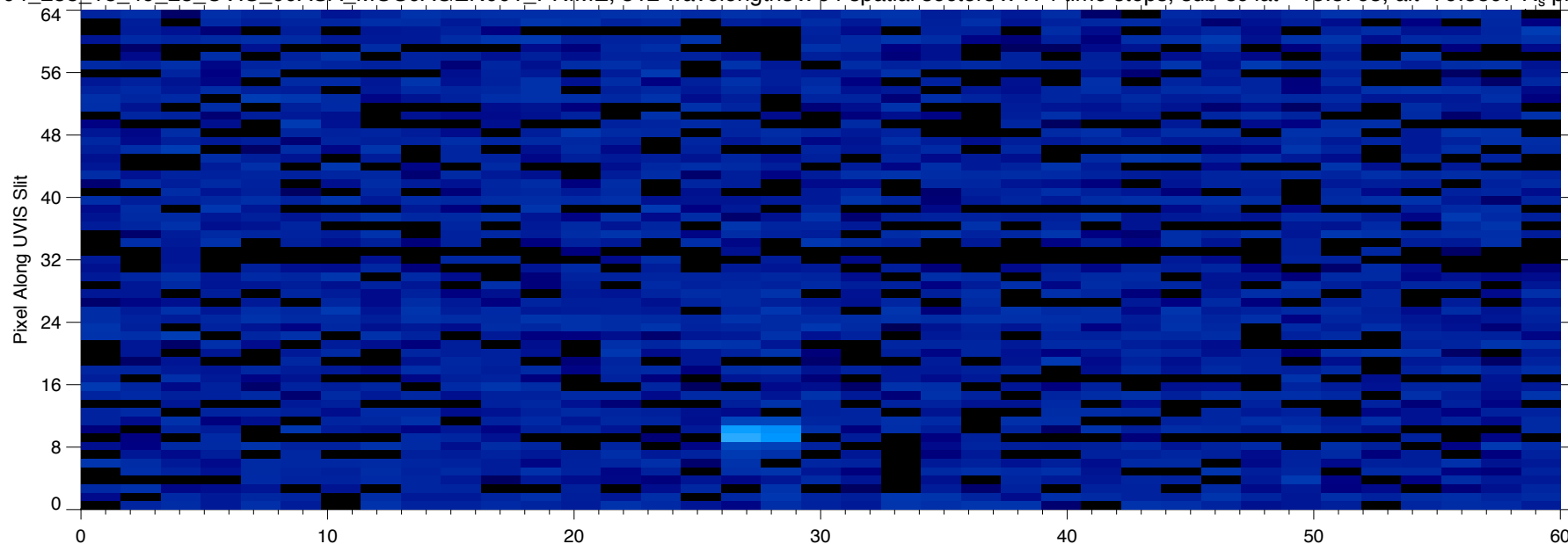
FUV2004_288_18_49_28_UVIS_00ASA_MOS0AGEN001_PRIME, 512 wavelengths x 64 spatial sectors x 174 time steps, sub-sc lat=-13.5765, alt=79.5807 R_s, phase=65.9255



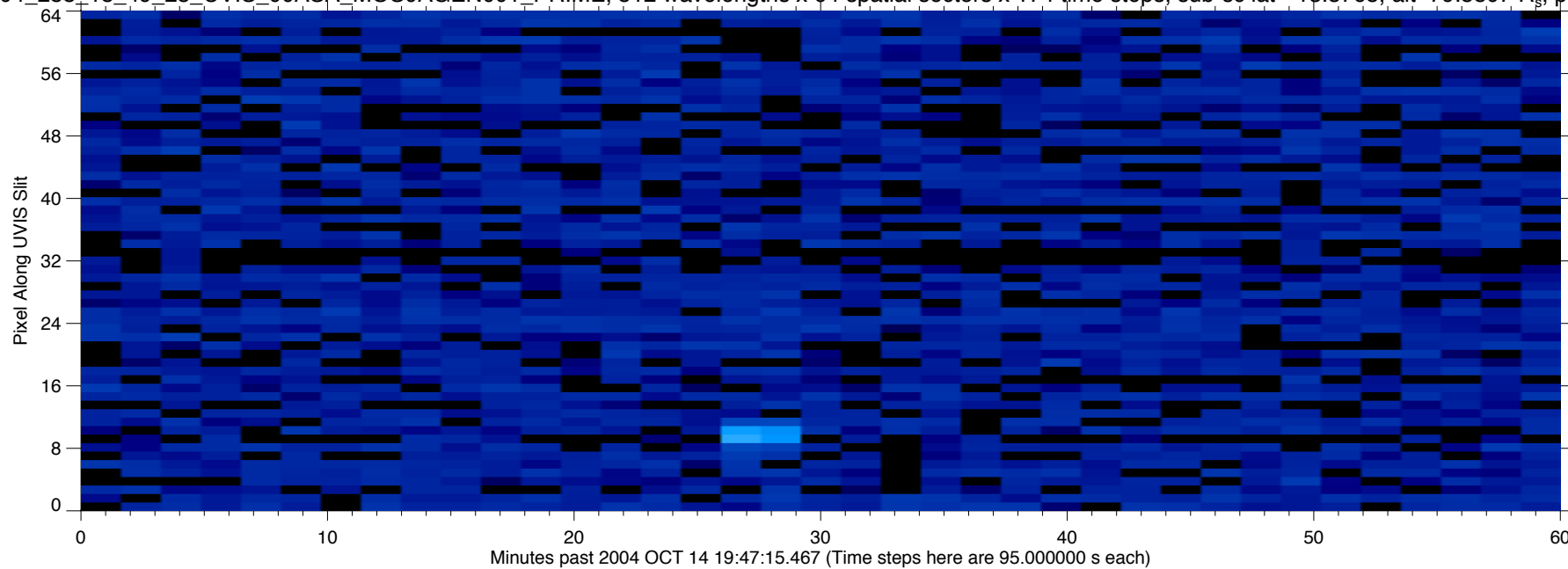
FUV2004_288_18_49_28_UVIS_00ASA_MOS0AGEN001_PRIME, 512 wavelengths x 64 spatial sectors x 174 time steps, sub-sc lat=-13.5765, alt=79.5807 R_s, phase=65.9255



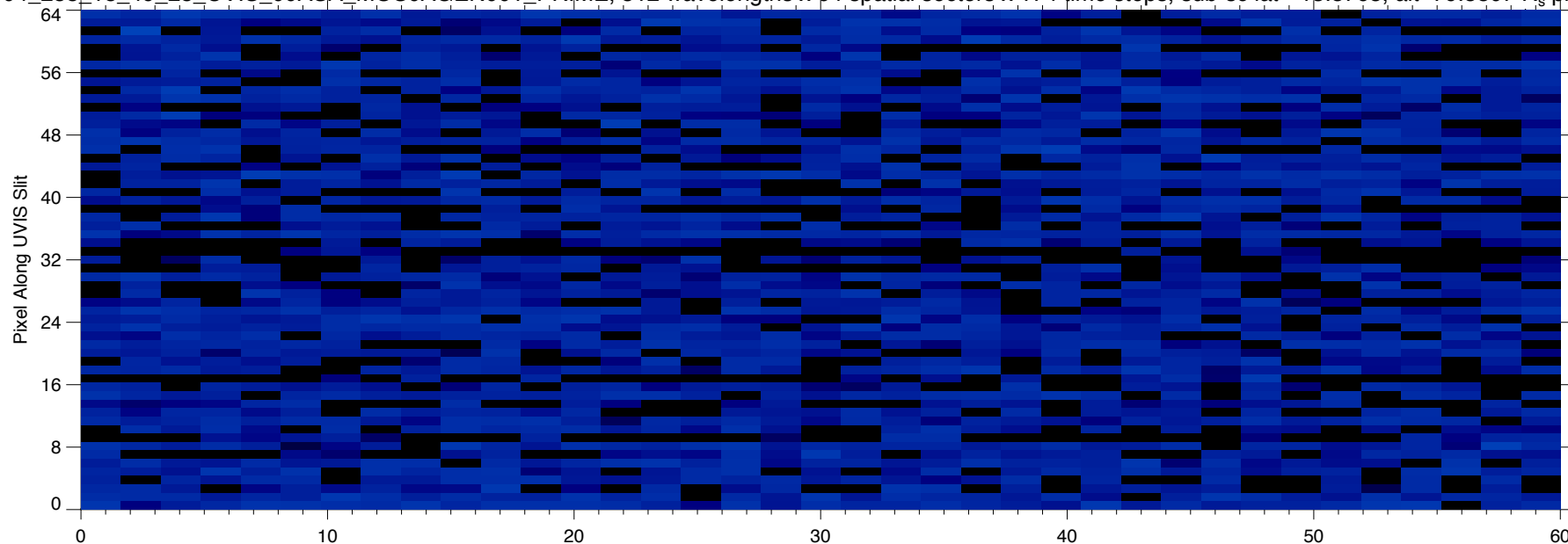
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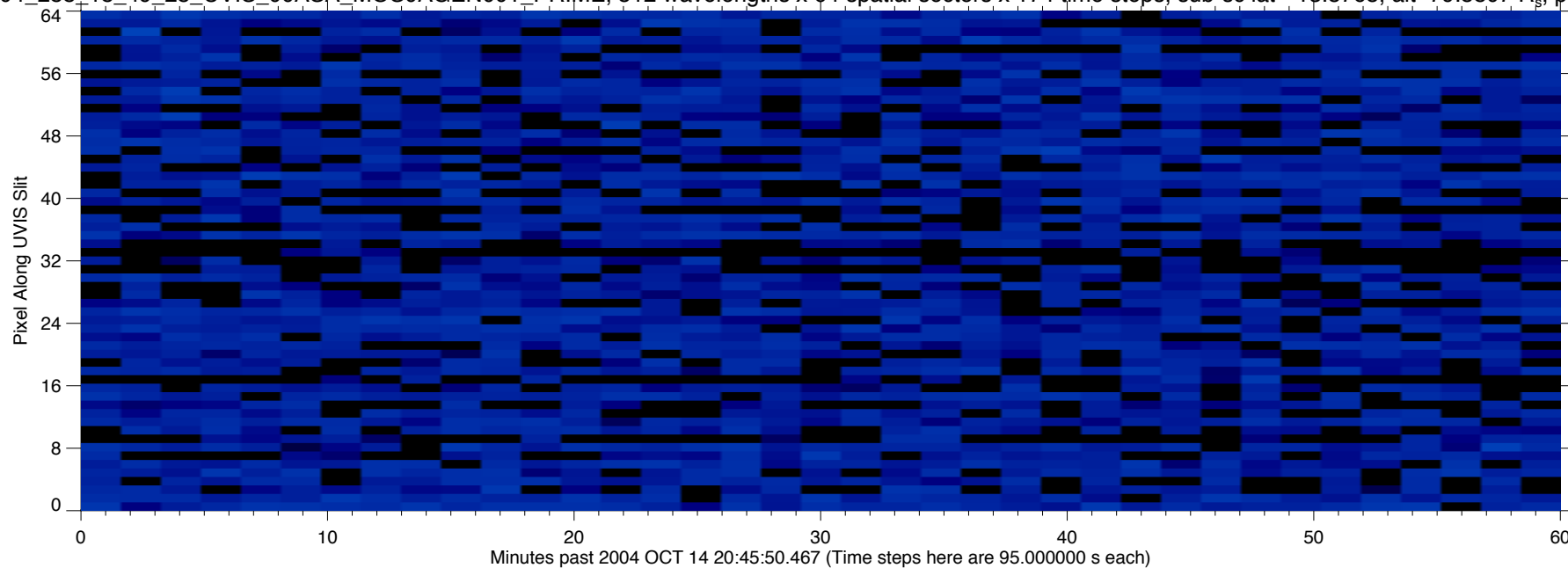
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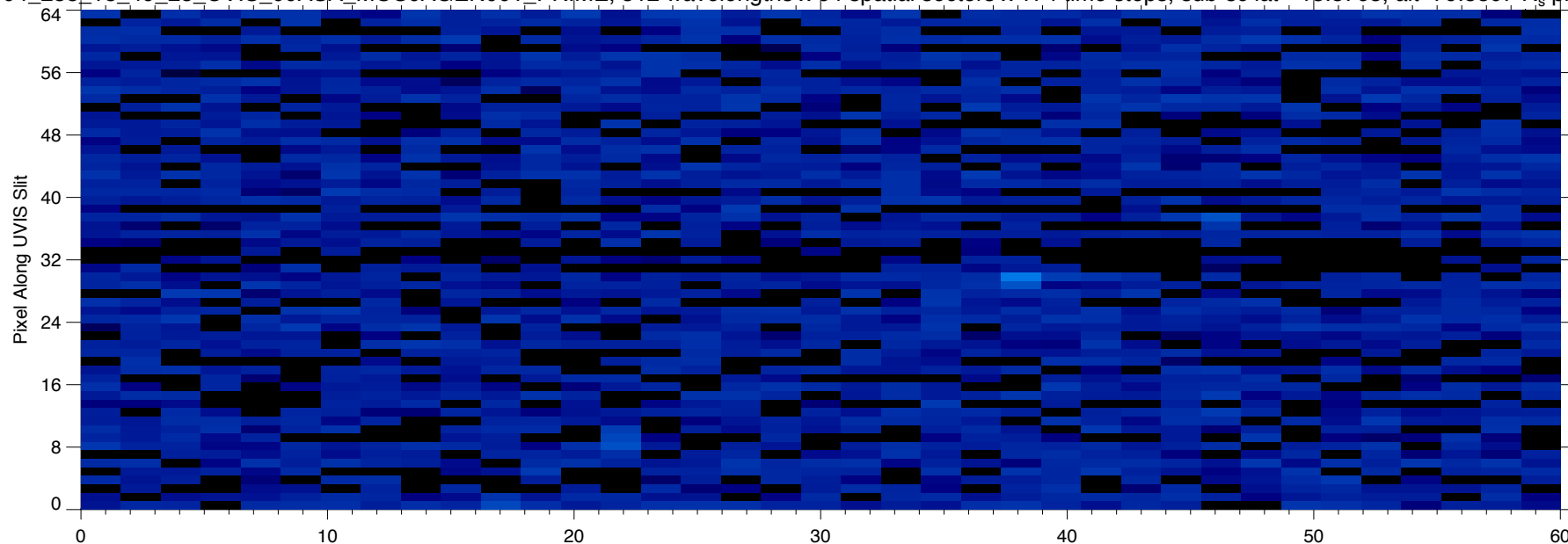
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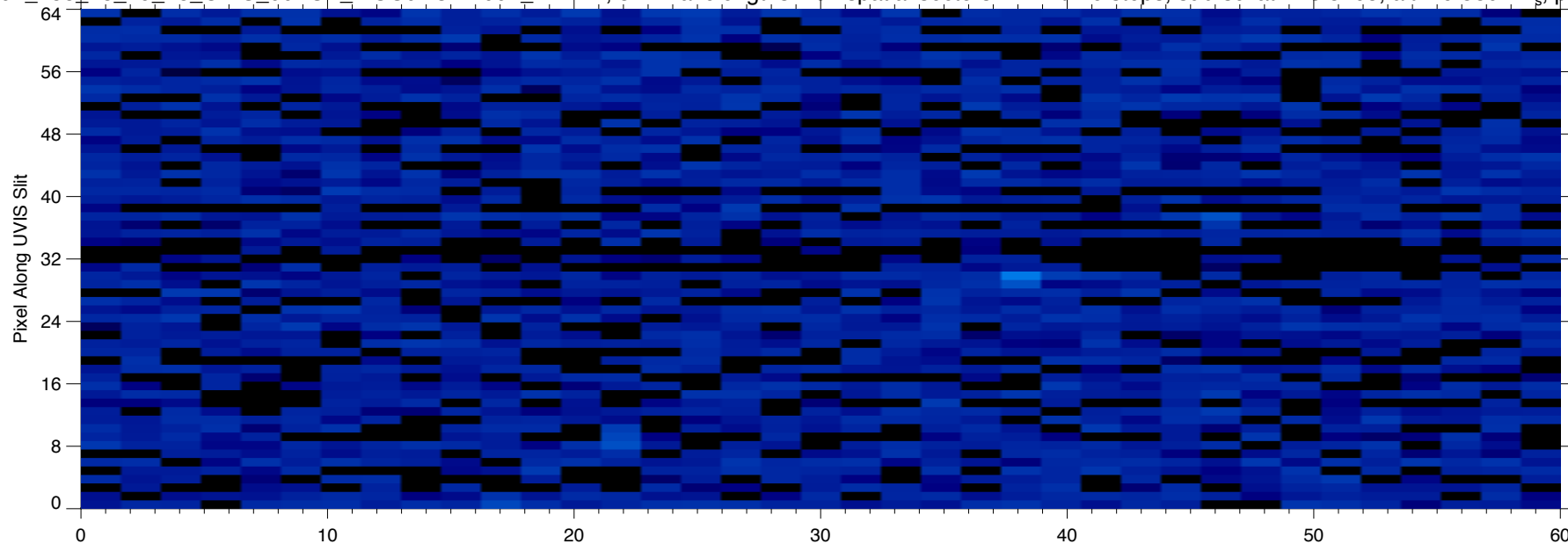
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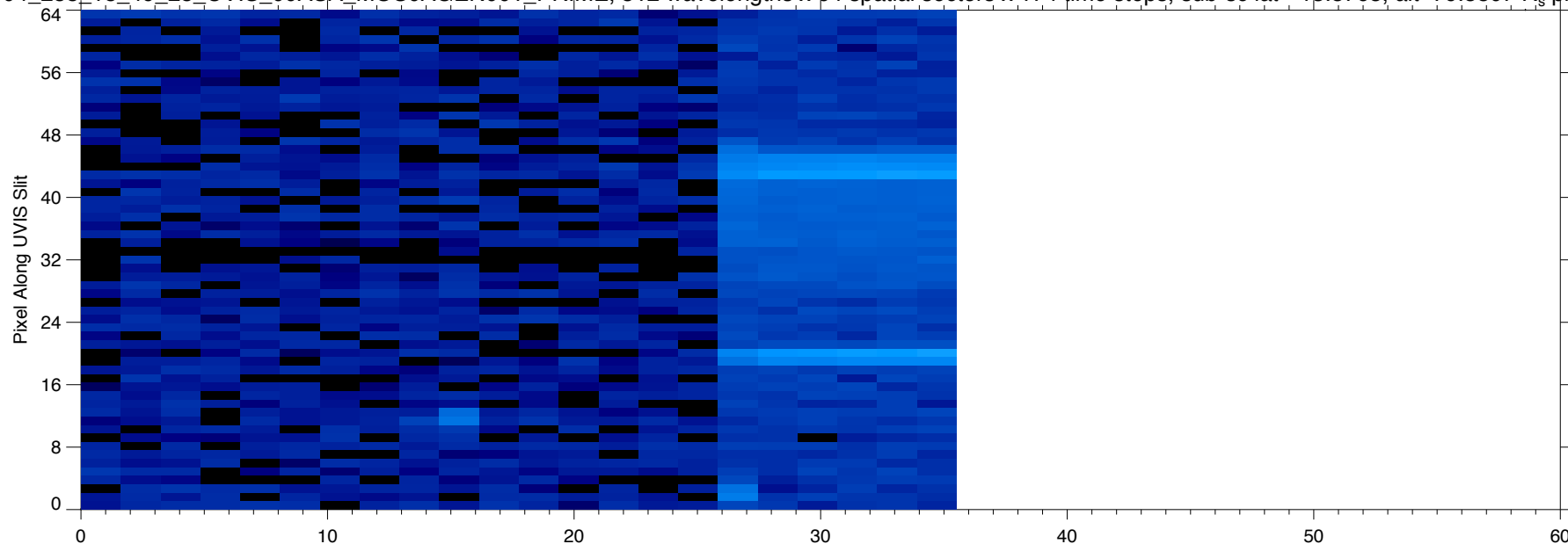
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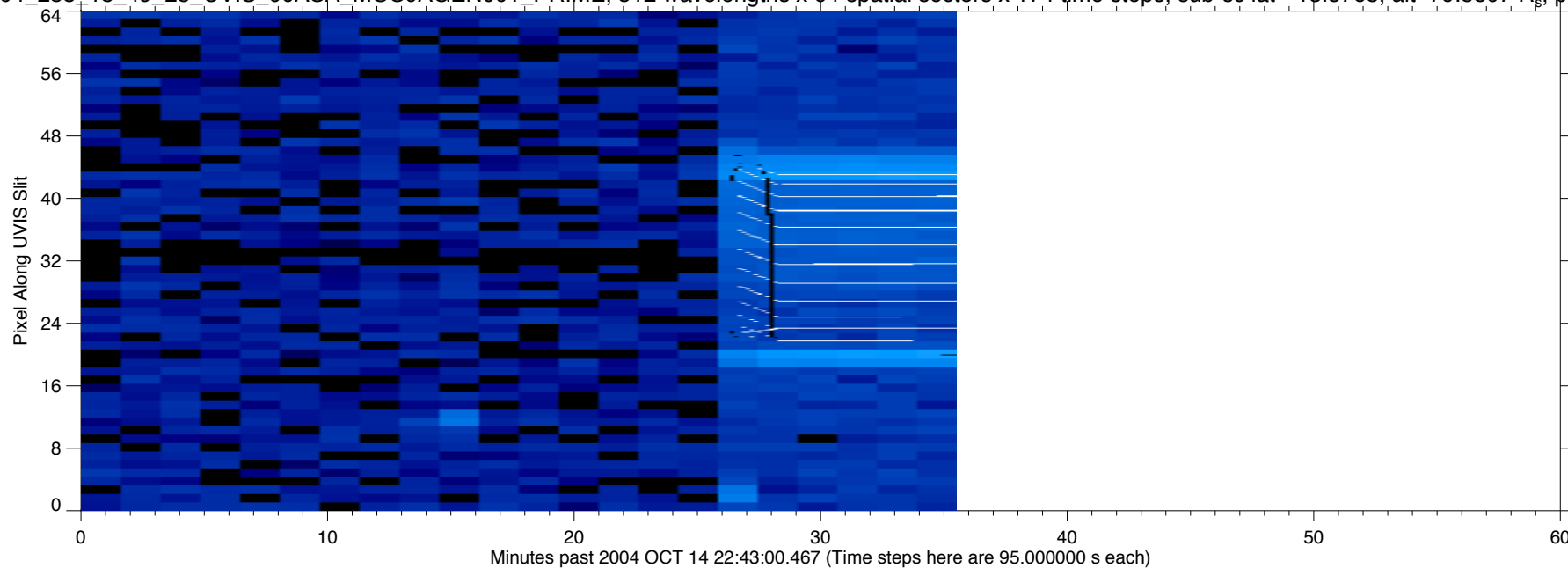
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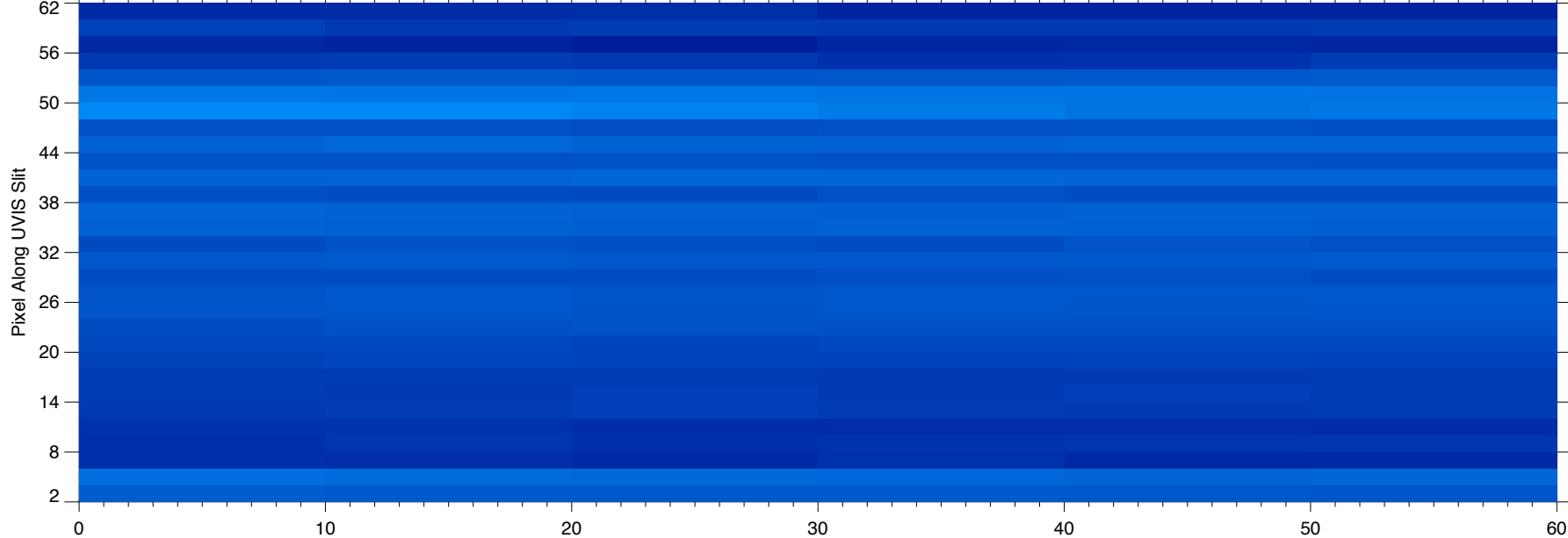
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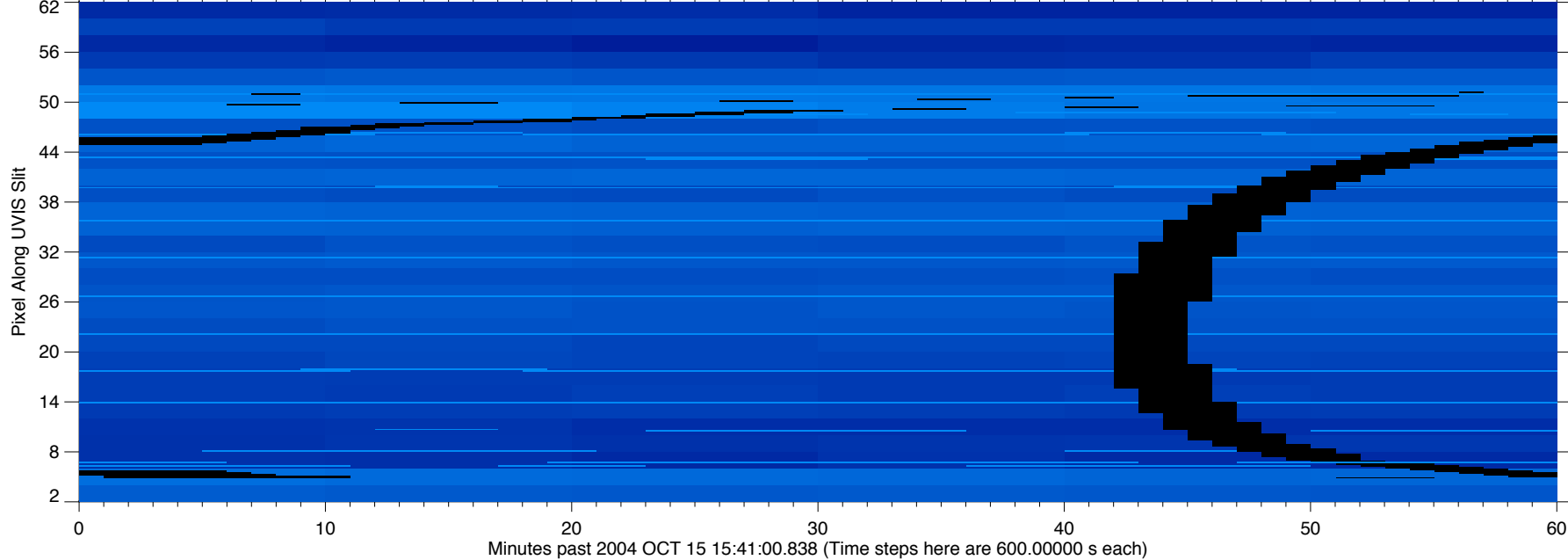
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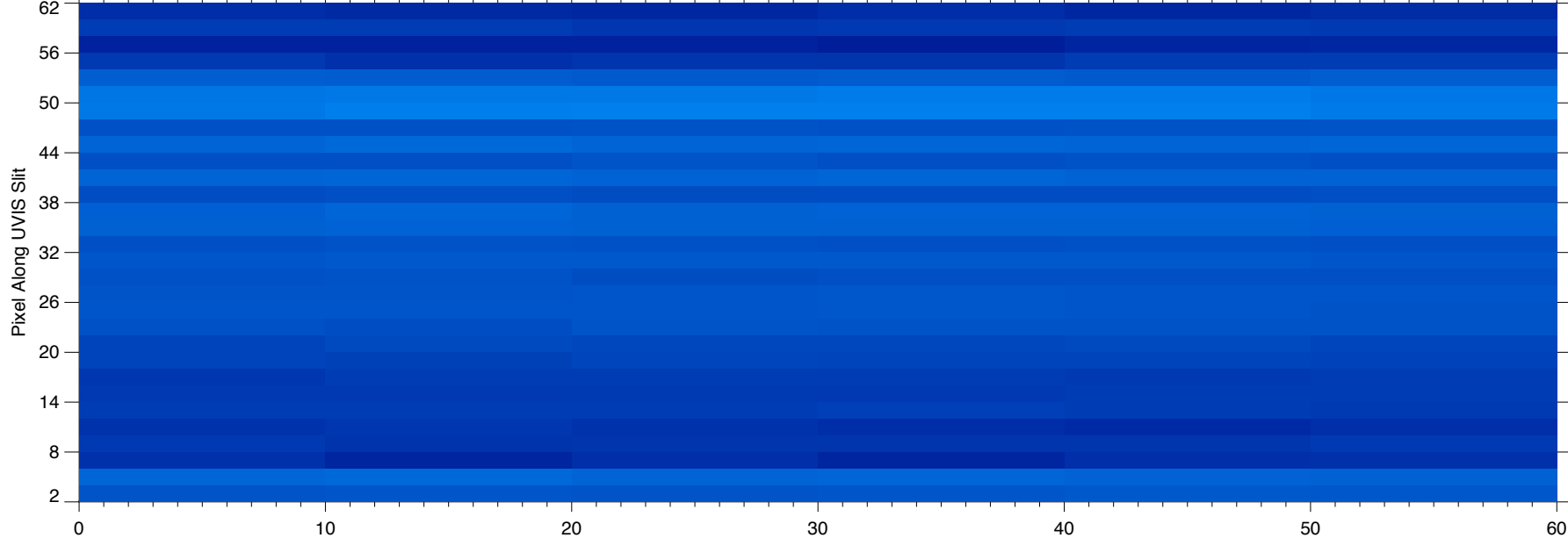
FUV2004_289_15_45_59_UVIS_00ASA_2X2MOVIEA013_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-13.3525, alt=76.4219 R_s phase=64.9887



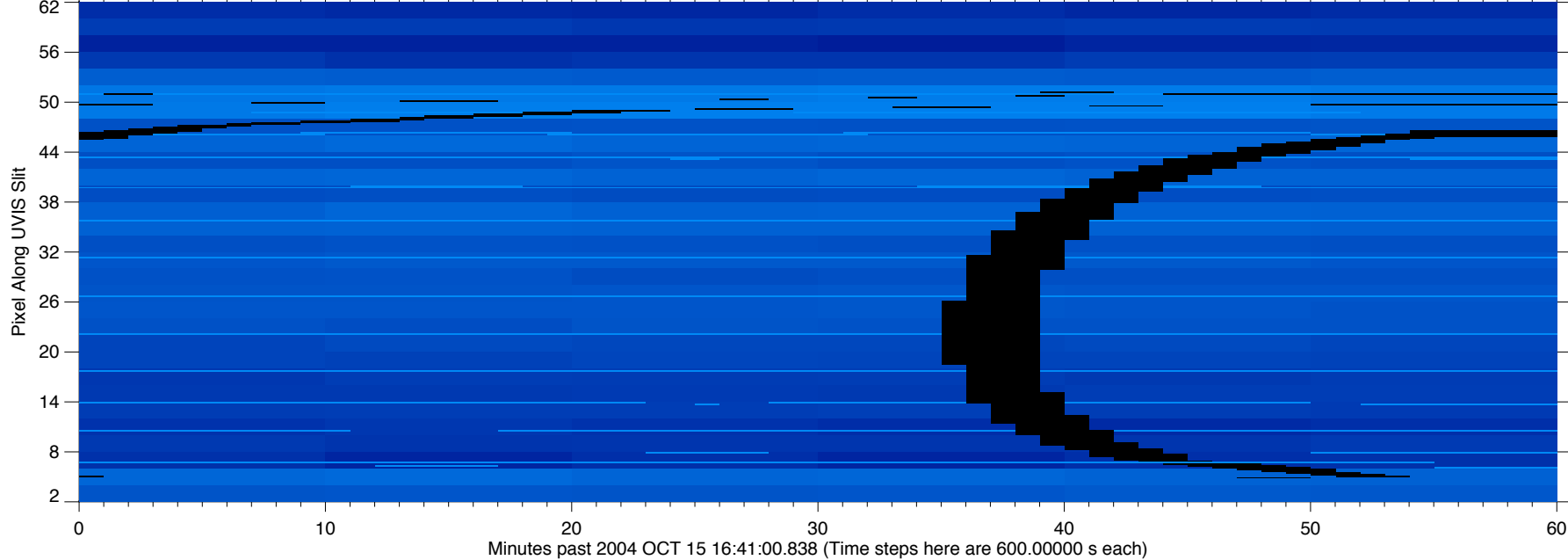
FUV2004_289_15_45_59_UVIS_00ASA_2X2MOVIEA013_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-13.3525, alt=76.4219 R_s phase=64.9887



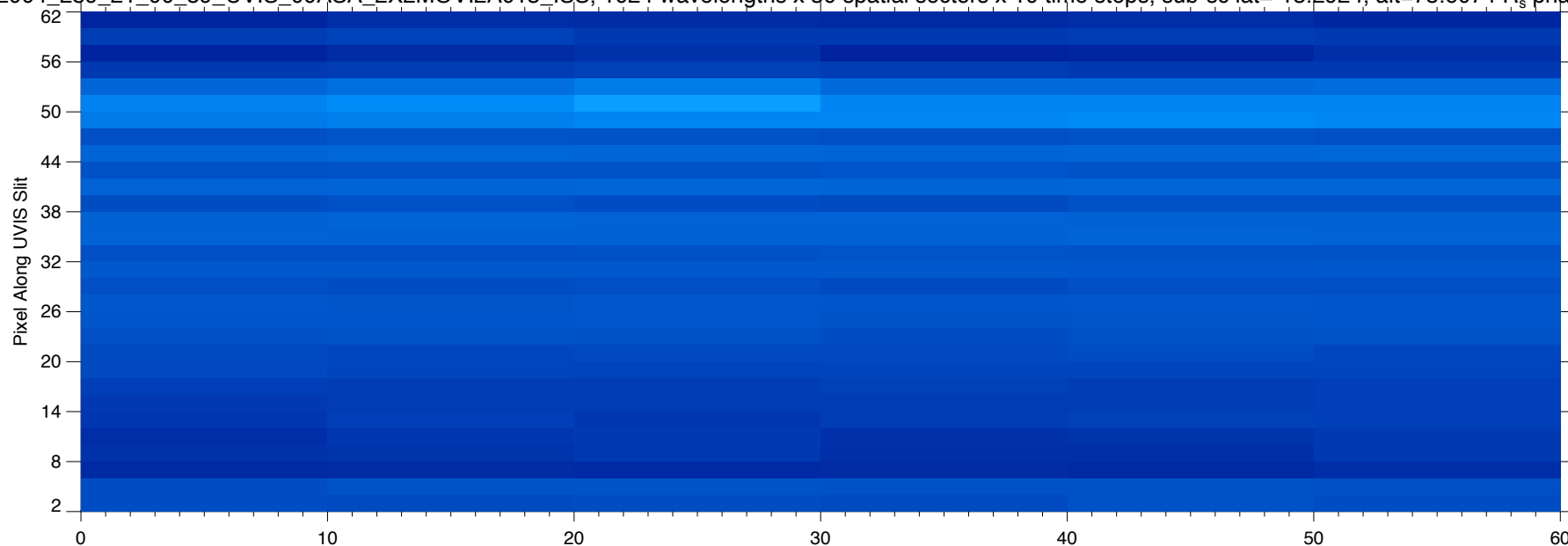
FUV2004_289_15_45_59_UVIS_00ASA_2X2MOVIEA013_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-13.3525, alt=76.4219 R_s phase=64.9887



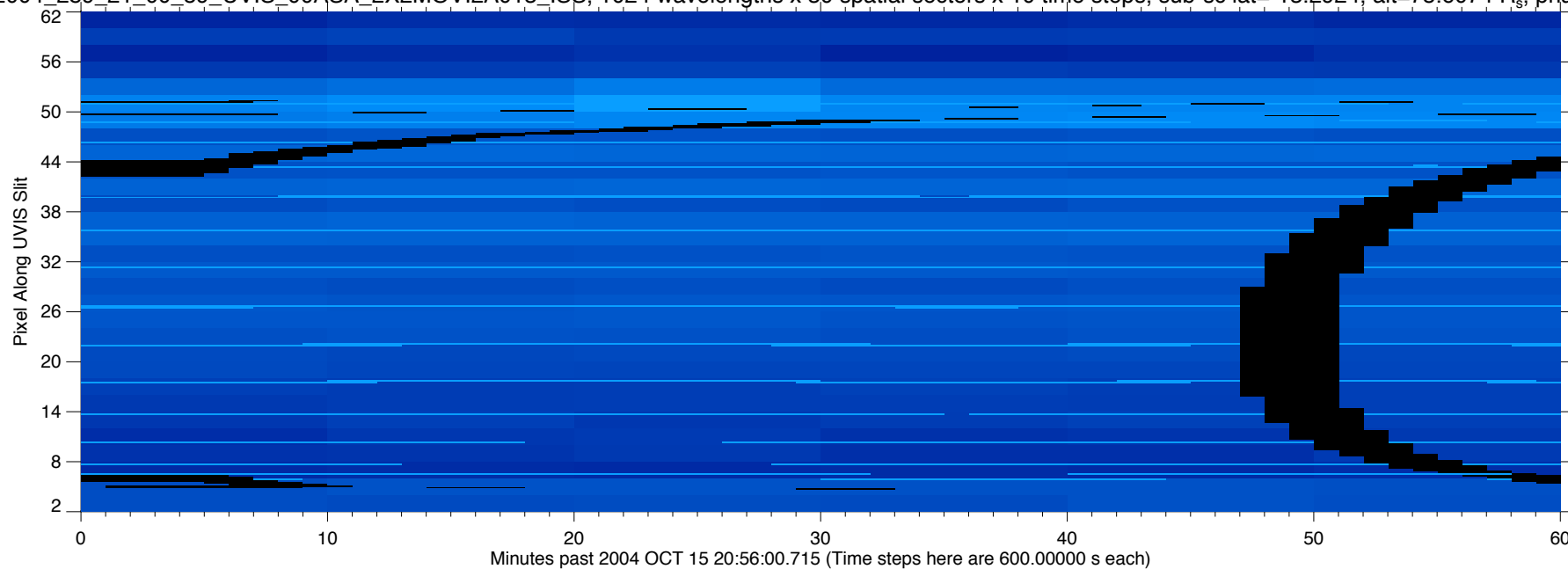
FUV2004_289_15_45_59_UVIS_00ASA_2X2MOVIEA013_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-13.3525, alt=76.4219 R_s phase=64.9887



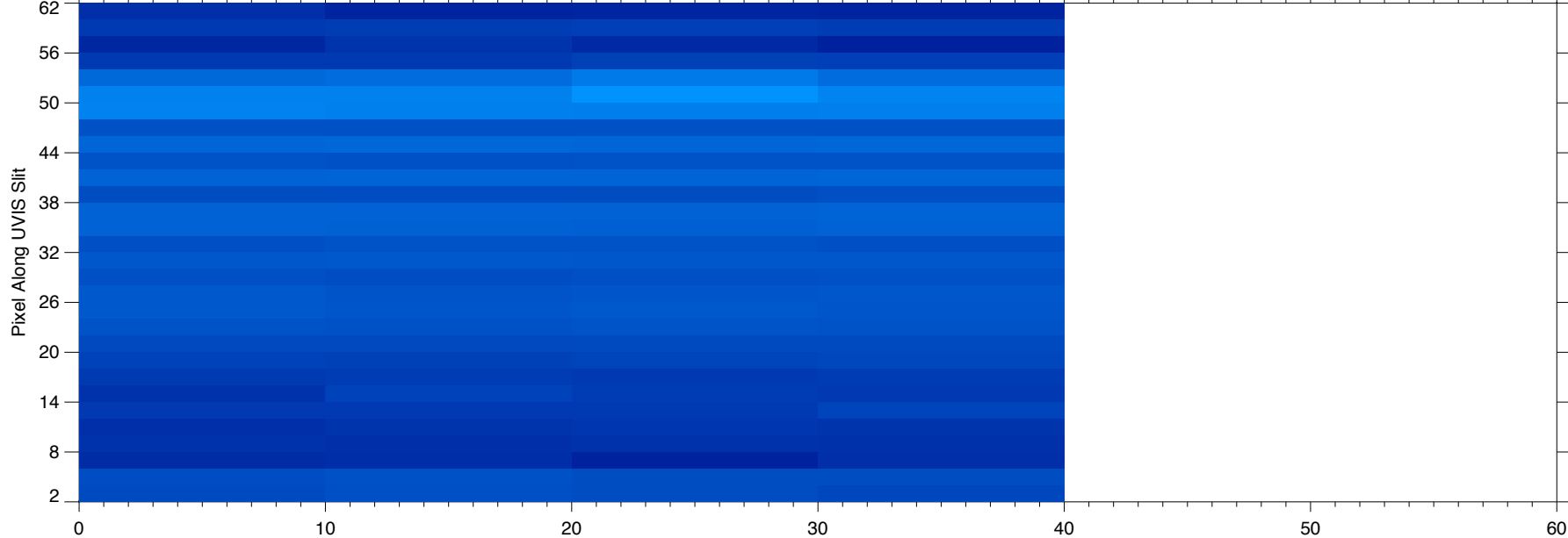
FUV2004_289_21_00_59_UVIS_00ASA_2X2MOVI2A013_ISS, 1024 wavelengths x 30 spatial sectors x 10 time steps, sub-sc lat=-13.2924, alt=75.6074 R_s phase=64.7409



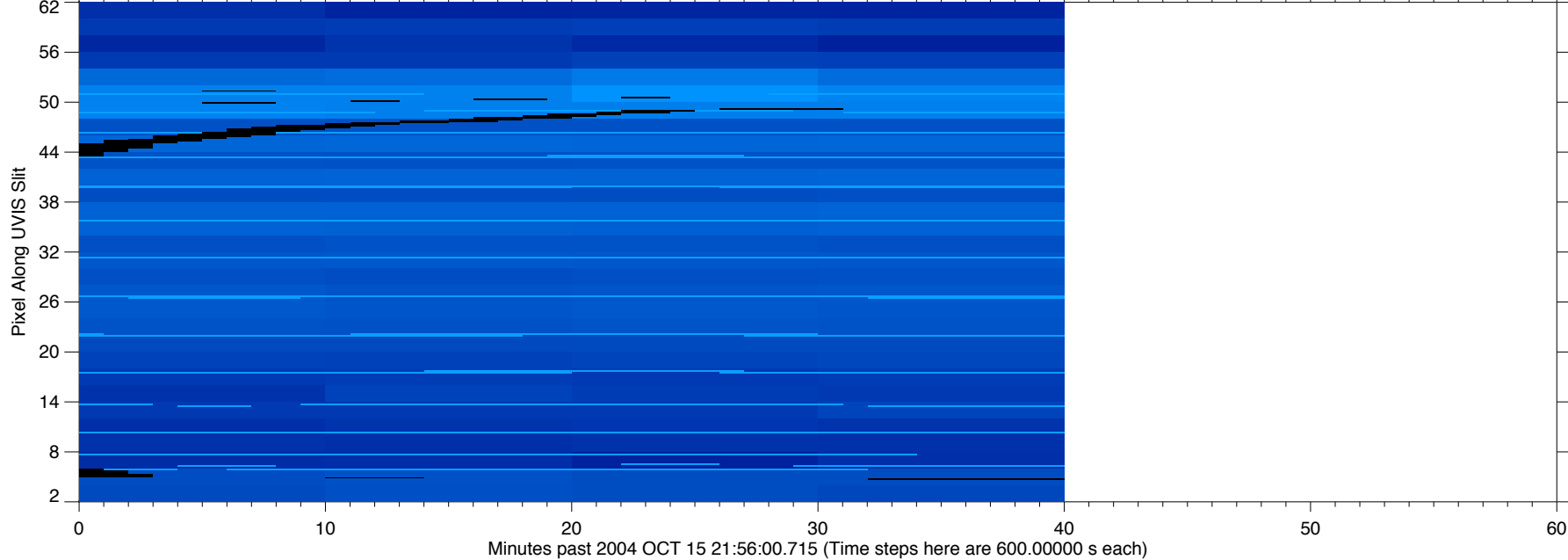
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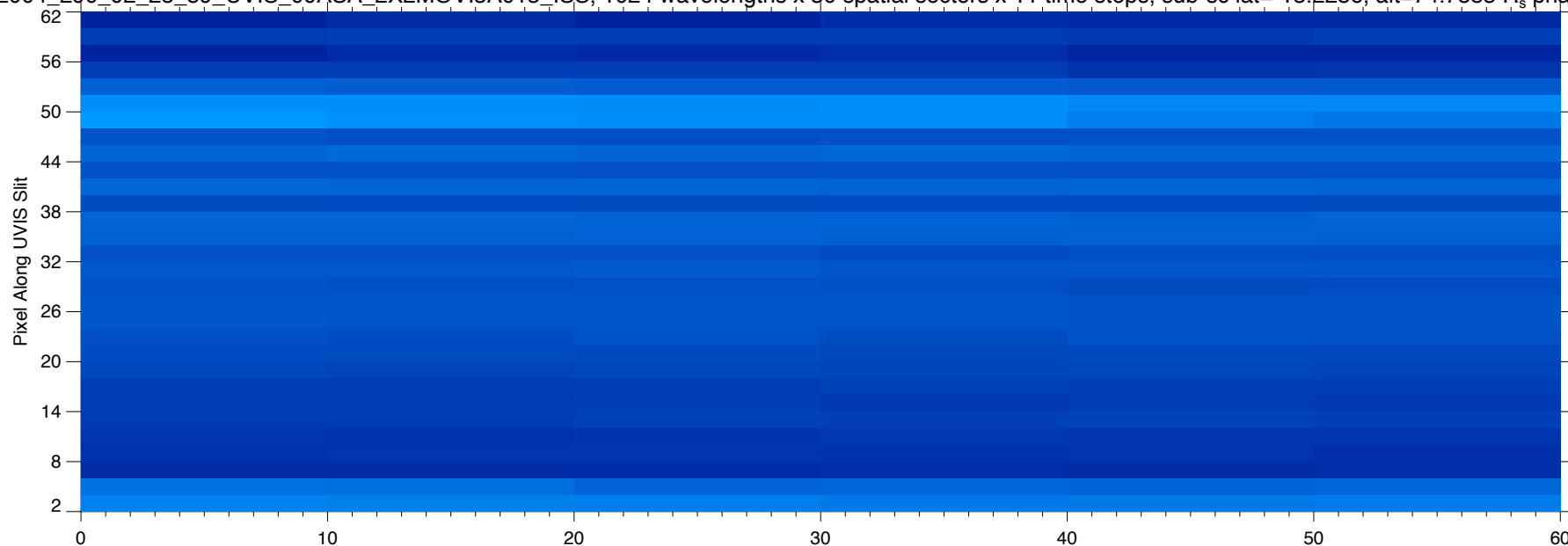
FUV2004_289_21_00_59_UVIS_00ASA_2X2MOVI2A013_ISS, 1024 wavelengths x 30 spatial sectors x 10 time steps, sub-sc lat=-13.2924, alt=75.6074 R_s phase=64.7409



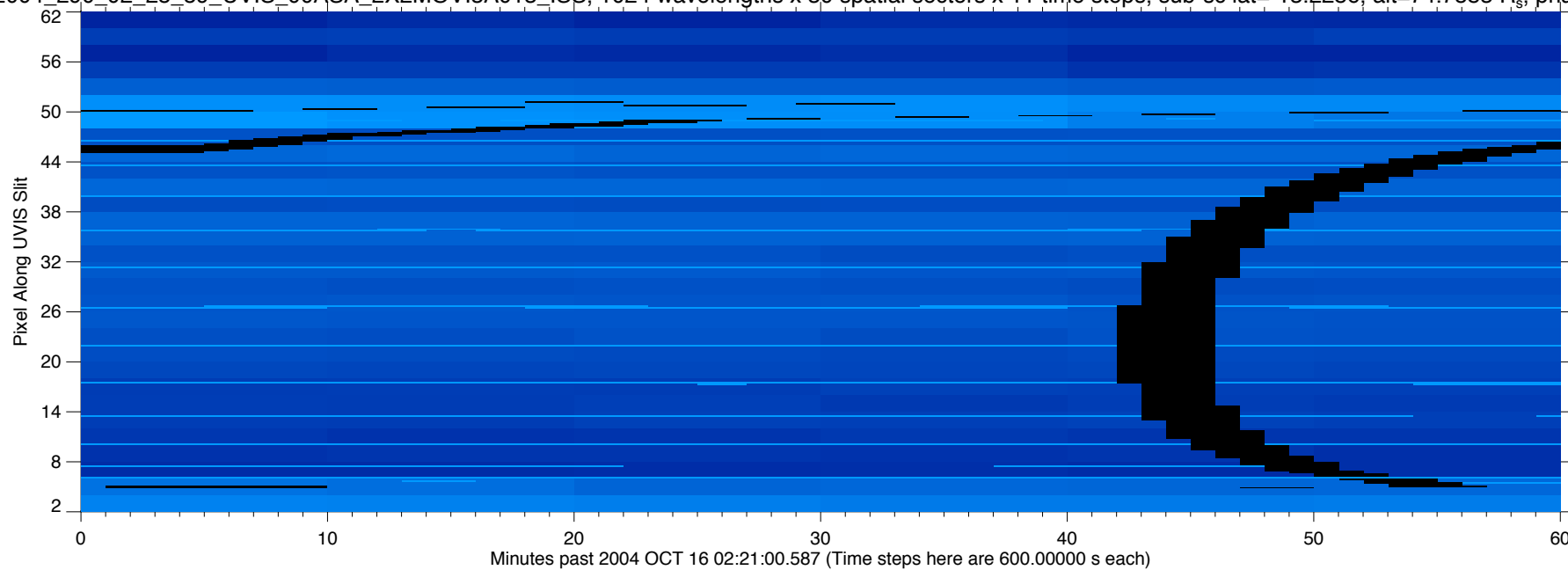
FUV2004_289_21_00_59_UVIS_00ASA_2X2MOVI2A013_ISS, 1024 wavelengths x 30 spatial sectors x 10 time steps, sub-sc lat=-13.2924, alt=75.6074 R_s, phase=64.7409



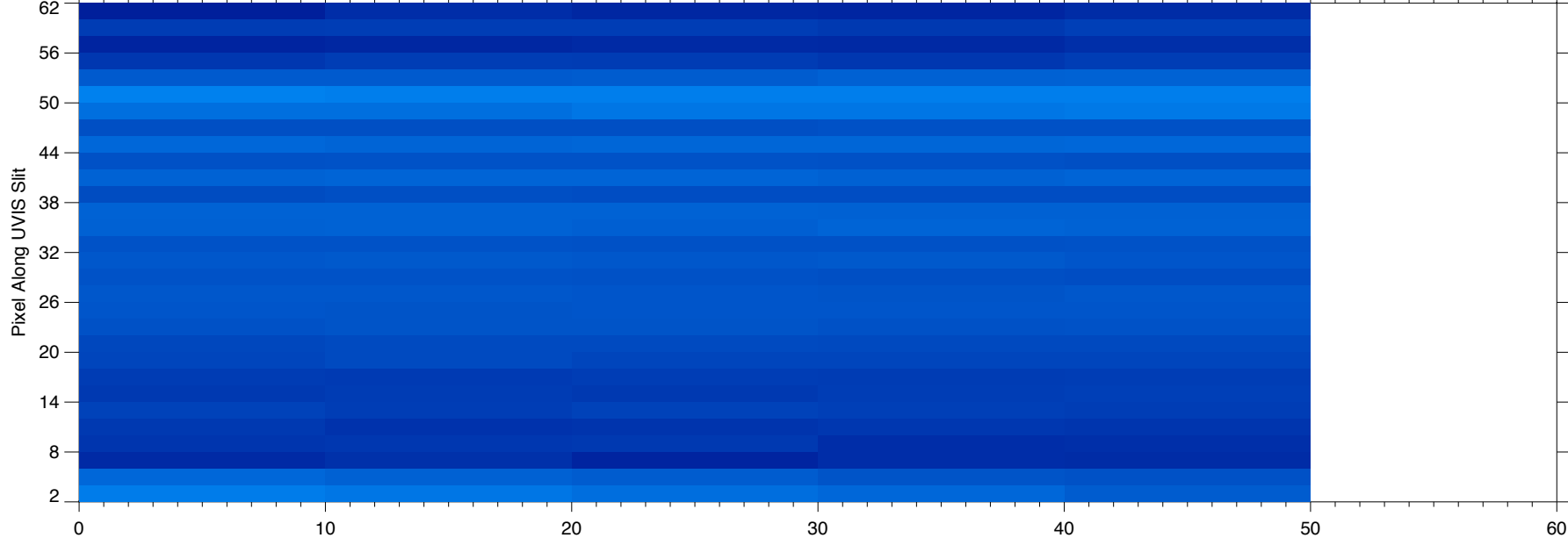
FUV2004_290_02_25_59_UVIS_00ASA_2X2MOVI3A013_ISS, 1024 wavelengths x 30 spatial sectors x 11 time steps, sub-sc lat=-13.2286, alt=74.7583 R_s phase=64.4796



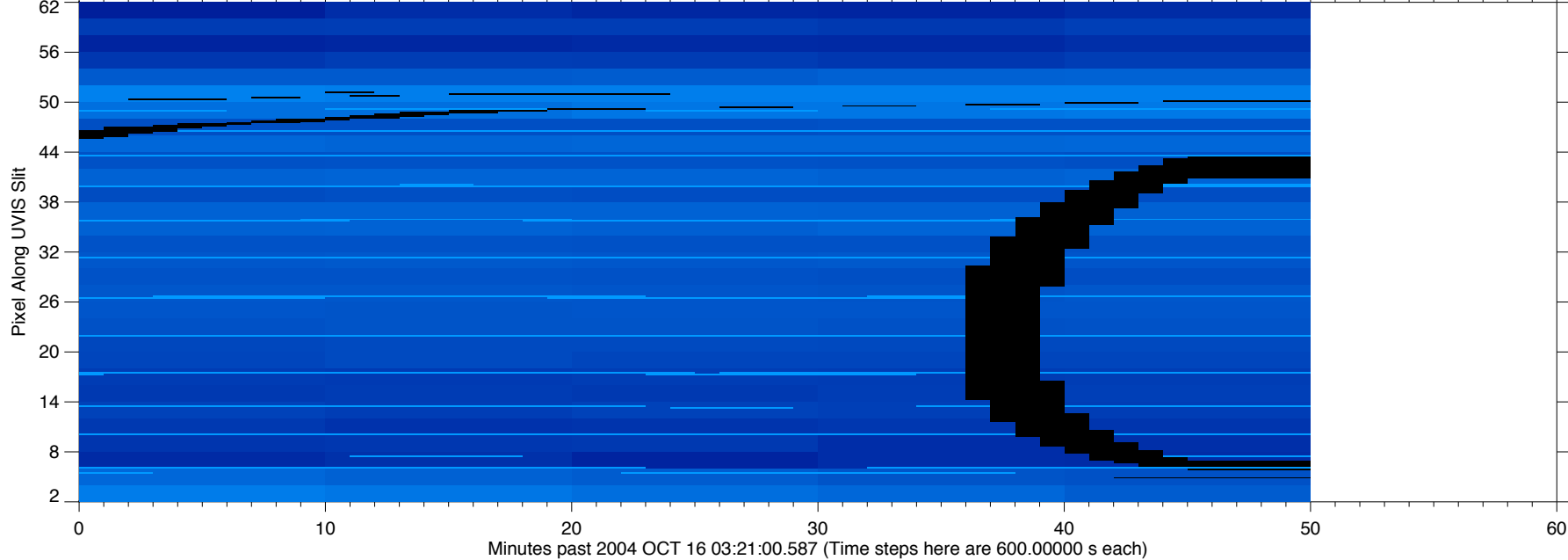
FUV2004_290_02_25_59_UVIS_00ASA_2X2MOVI3A013_ISS, 1024 wavelengths x 30 spatial sectors x 11 time steps, sub-sc lat=-13.2286, alt=74.7583 R_s, phase=64.4796



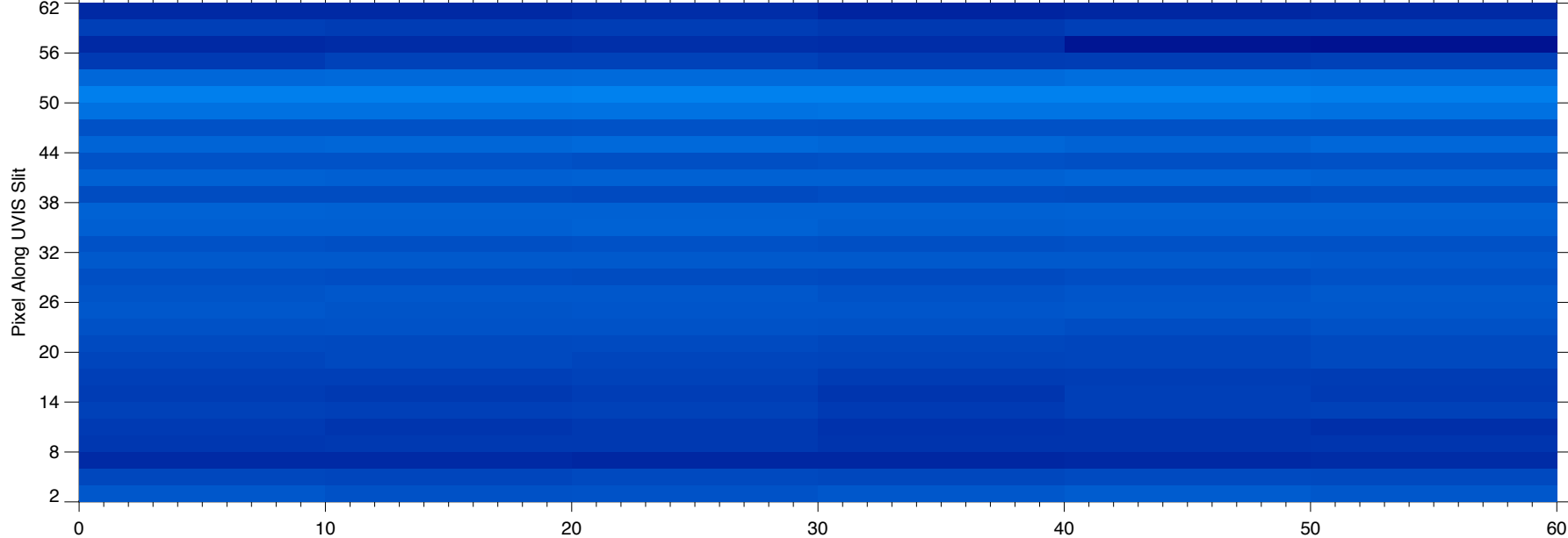
FUV2004_290_02_25_59_UVIS_00ASA_2X2MOVI3A013_ISS, 1024 wavelengths x 30 spatial sectors x 11 time steps, sub-sc lat=-13.2286, alt=74.7583 R_s phase=64.4796



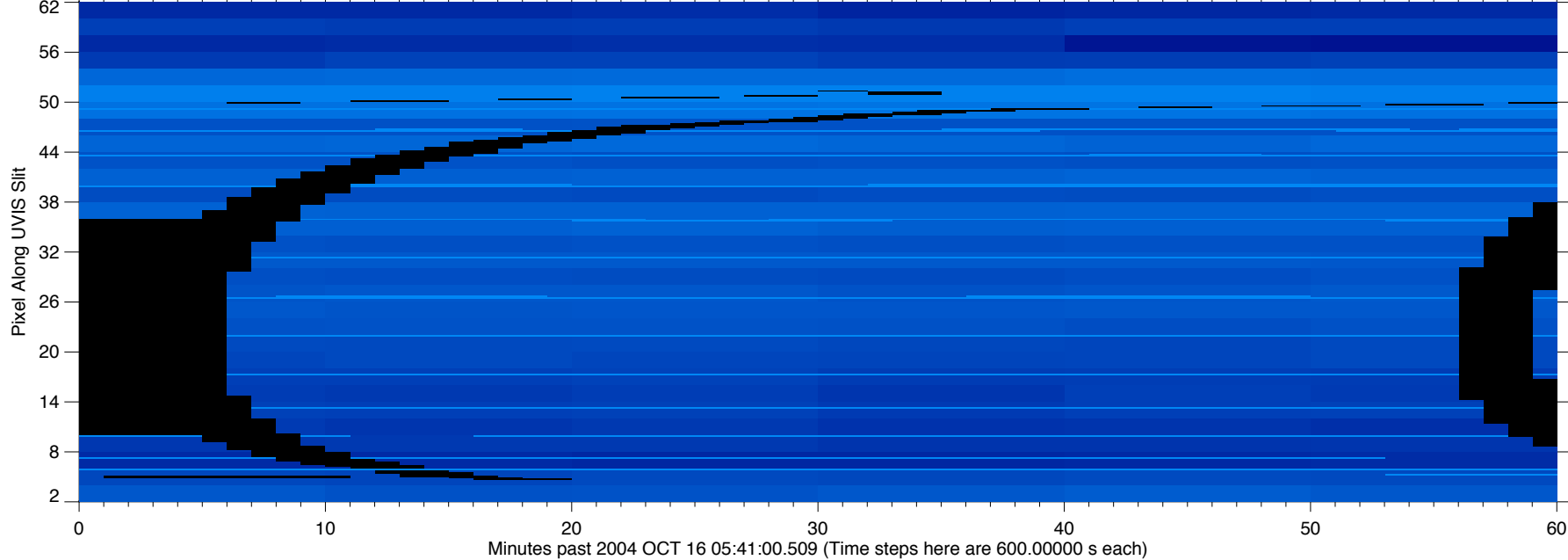
FUV2004_290_02_25_59_UVIS_00ASA_2X2MOVI3A013_ISS, 1024 wavelengths x 30 spatial sectors x 11 time steps, sub-sc lat=-13.2286, alt=74.7583 R_s, phase=64.4796



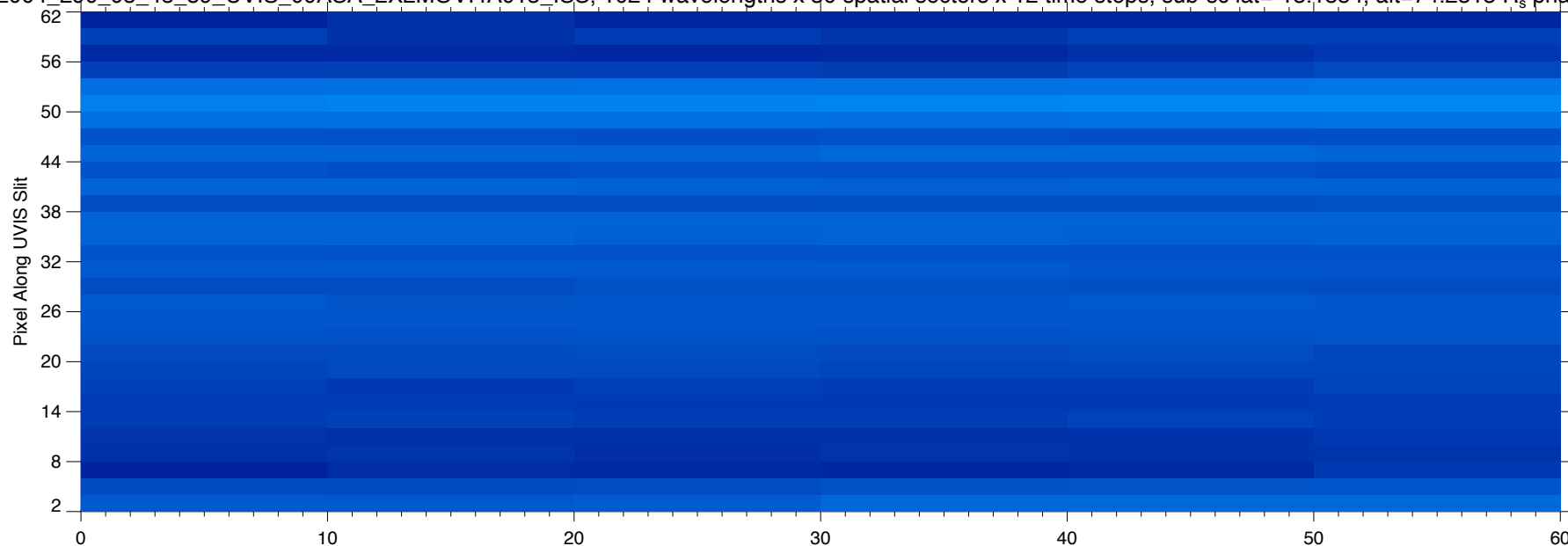
FUV2004_290_05_45_59_UVIS_00ASA_2X2MOVI4A013_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-13.1884, alt=74.2313 R_s phase=64.3159



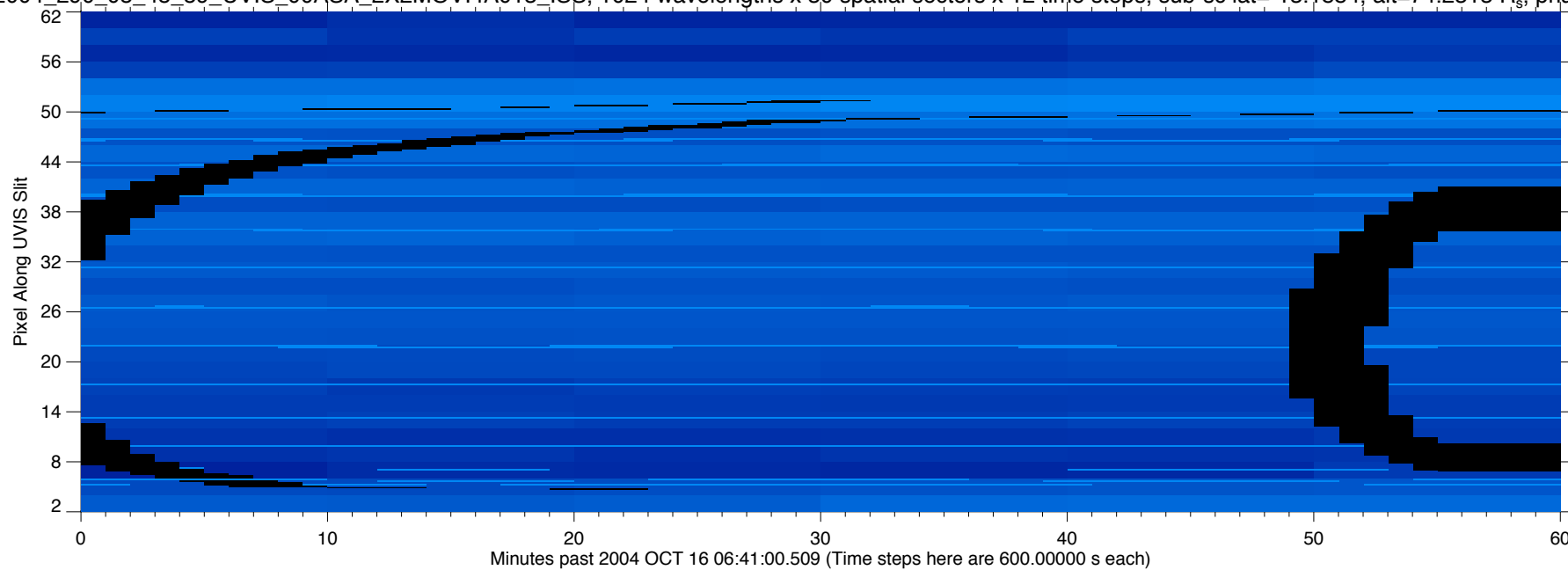
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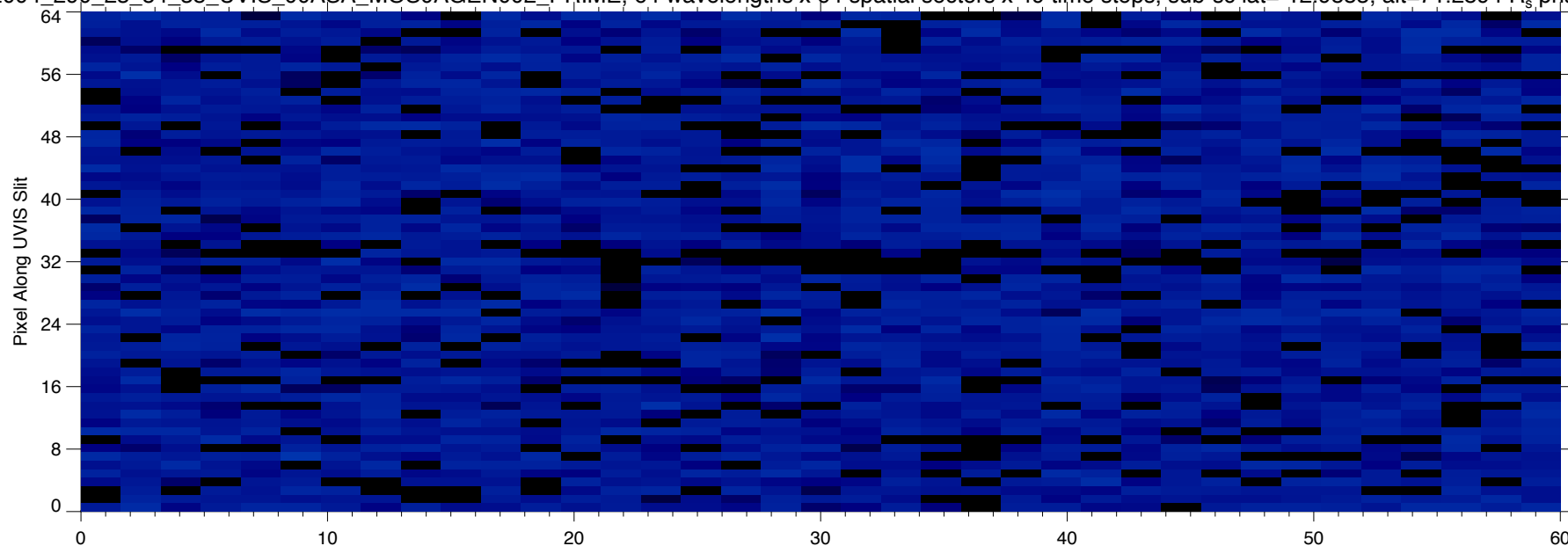
FUV2004_290_05_45_59_UVIS_00ASA_2X2MOVI4A013_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-13.1884, alt=74.2313 R_s phase=64.3159



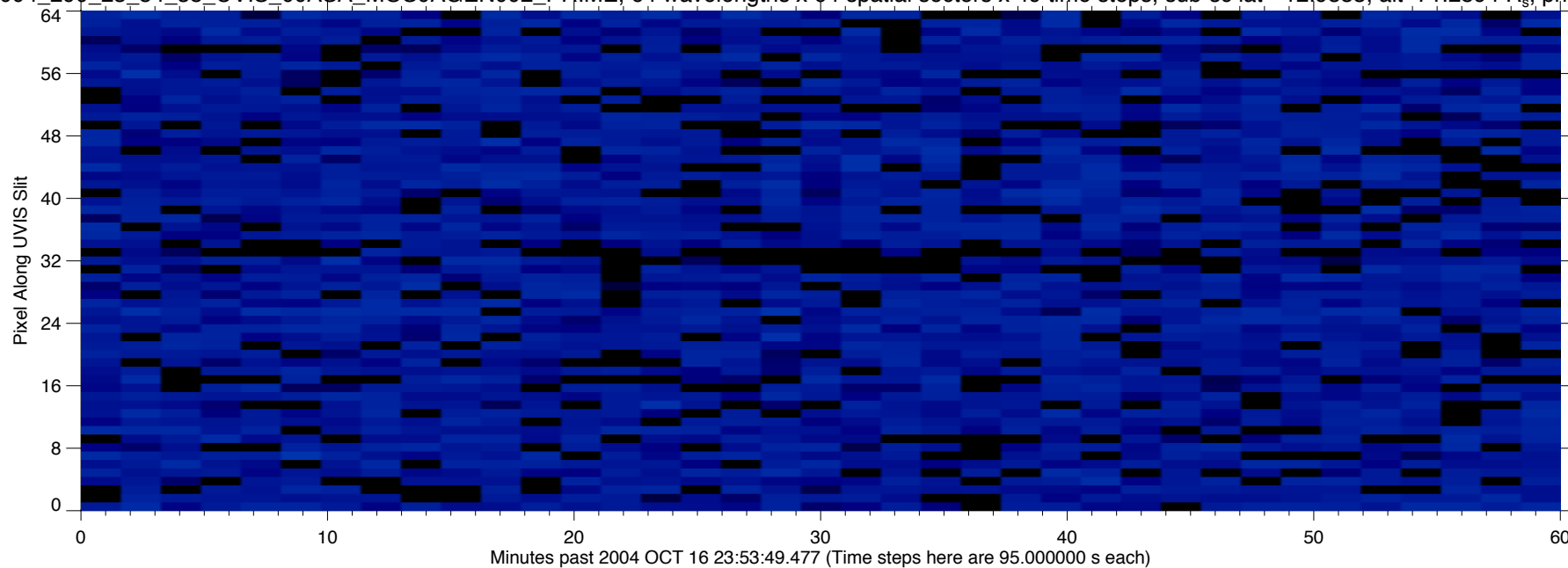
FUV2004_290_05_45_59_UVIS_00ASA_2X2MOVI4A013_ISS, 1024 wavelengths x 30 spatial sectors x 12 time steps, sub-sc lat=-13.1884, alt=74.2313 R_s, phase=64.3159



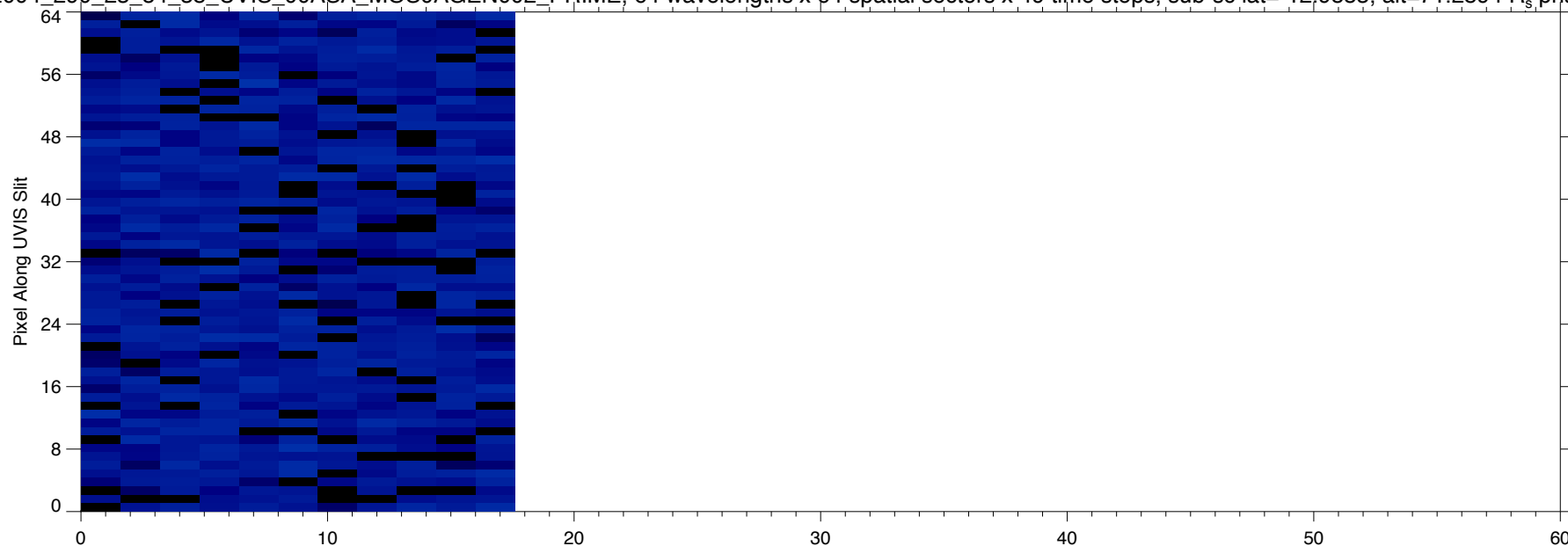
FUV2004_290_23_54_38_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 49 time steps, sub-sc lat=-12.9553, alt=71.2894 R_s, phase=63.3791



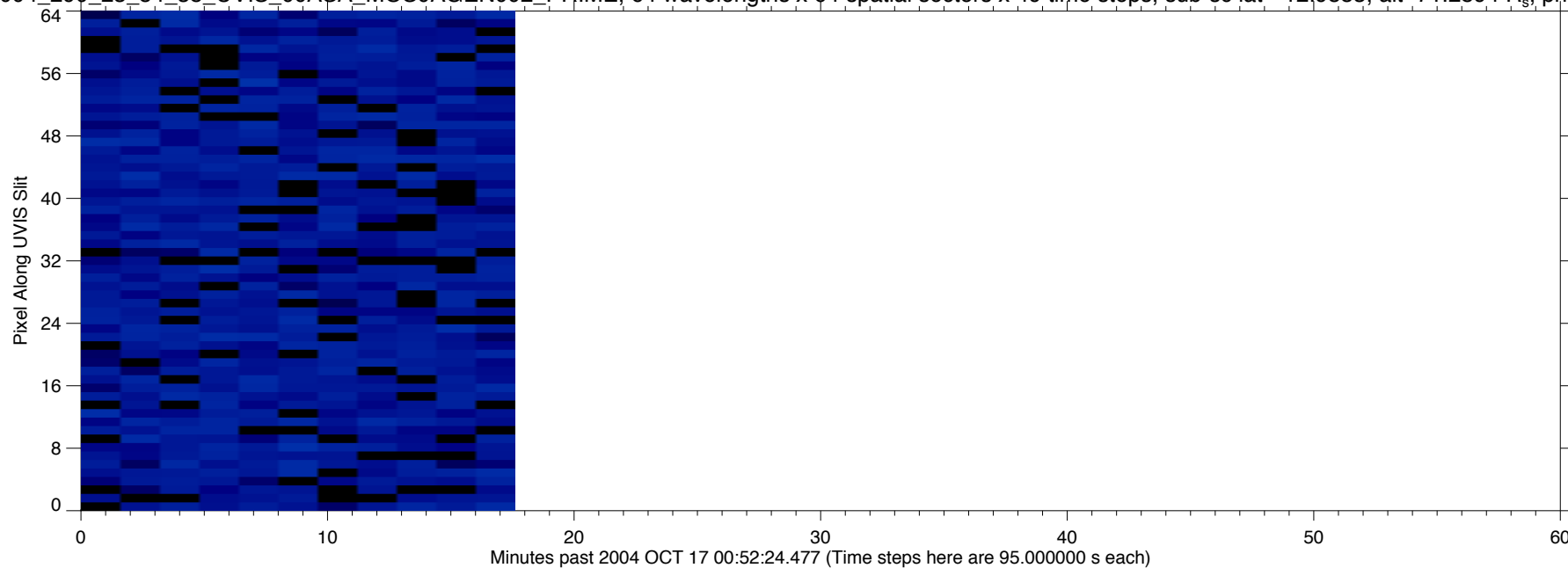
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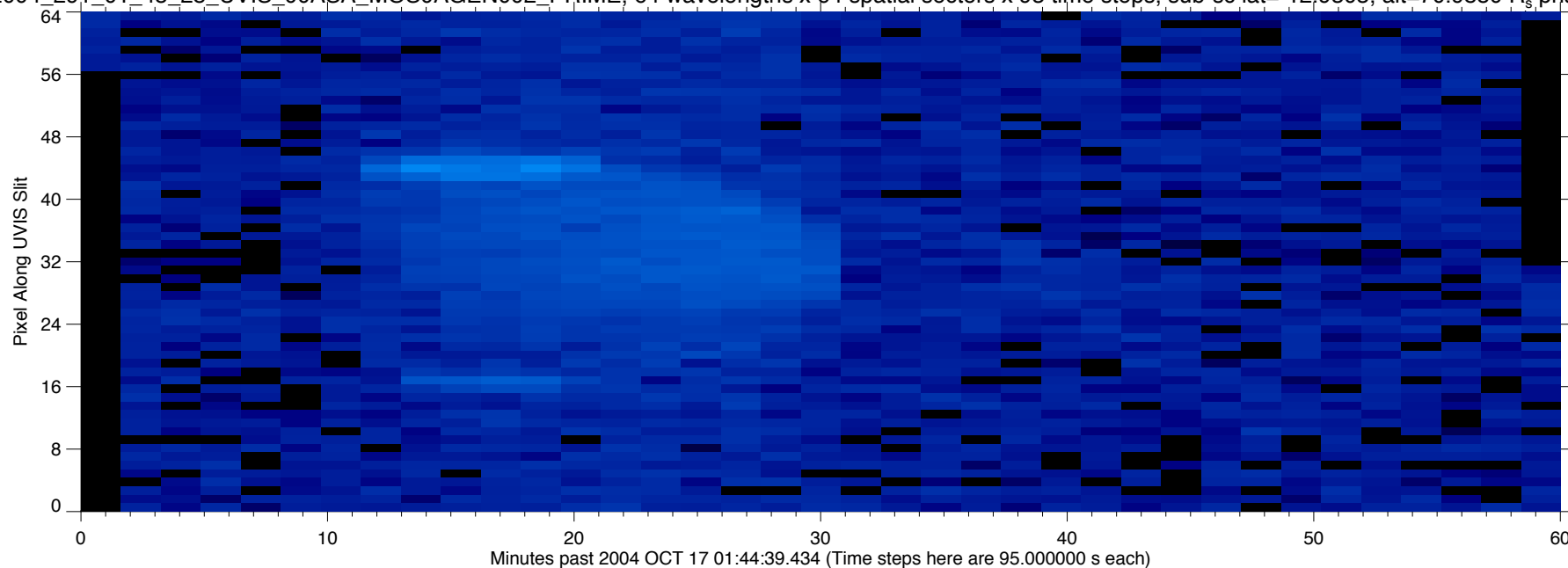
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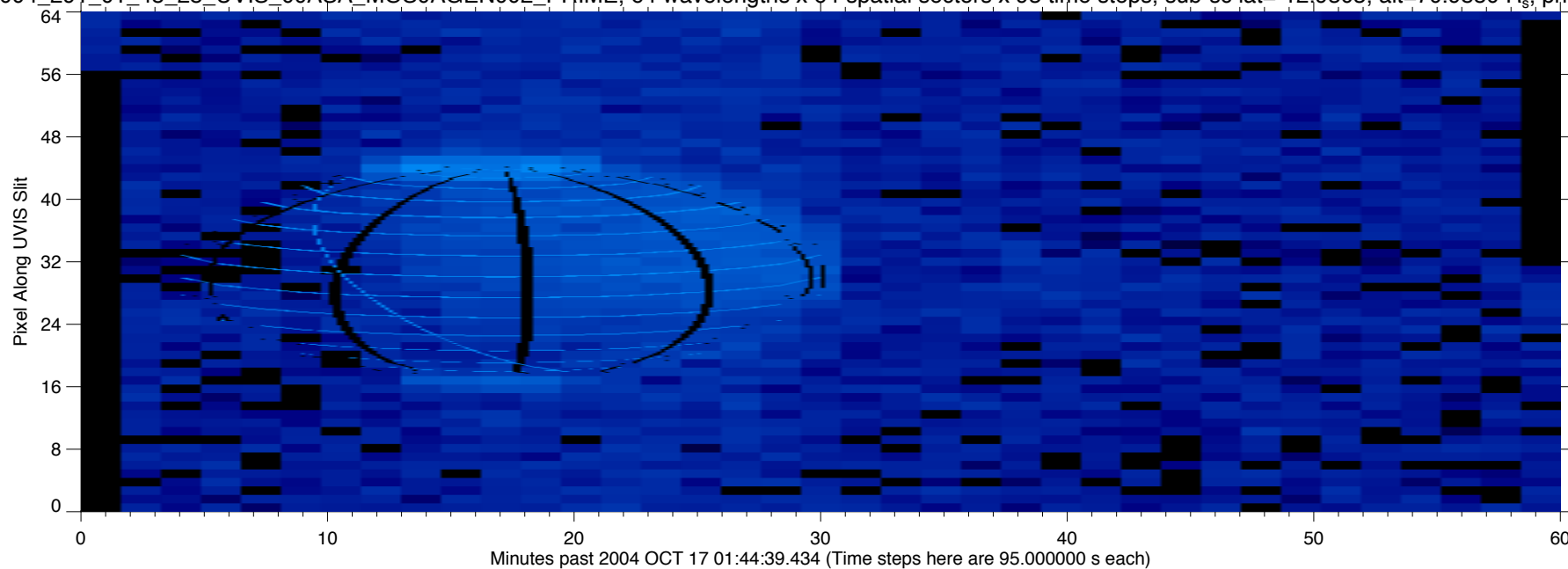
FUV2004_290_23_54_38_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 49 time steps, sub-sc lat=-12.9553, alt=71.2894 R_s, phase=63.3791



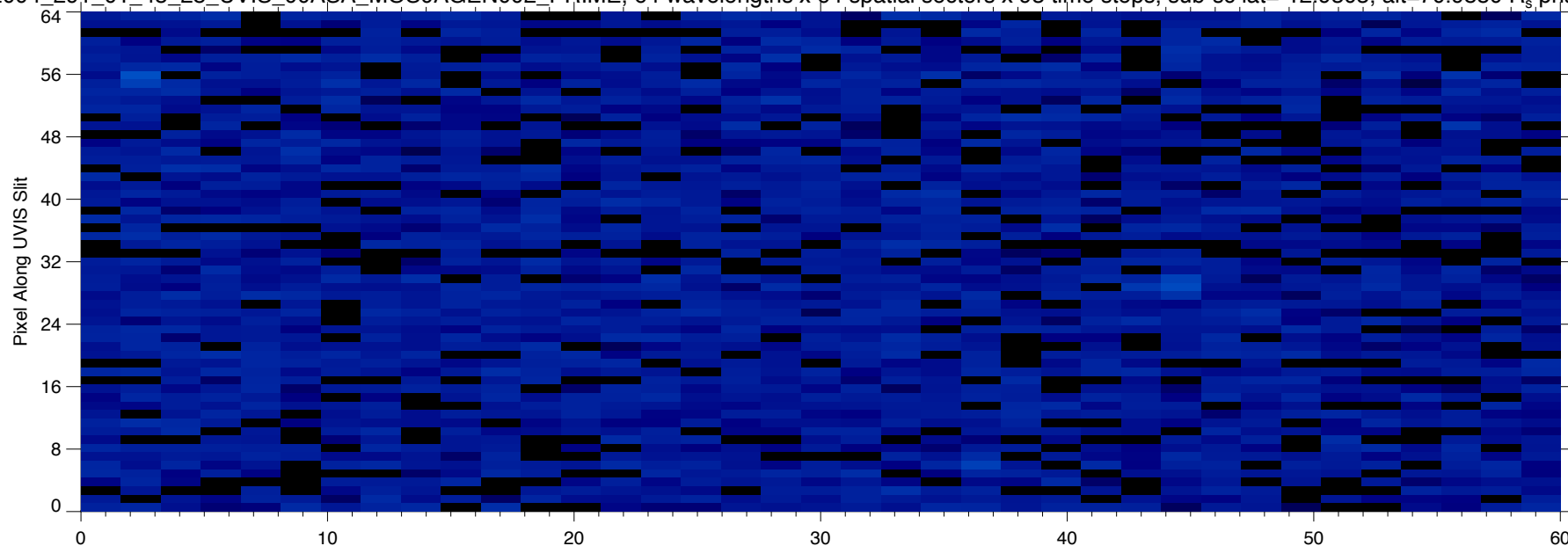
FUV2004_291_01_45_28_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-12.9303, alt=70.9850 R_s, phase=63.2799



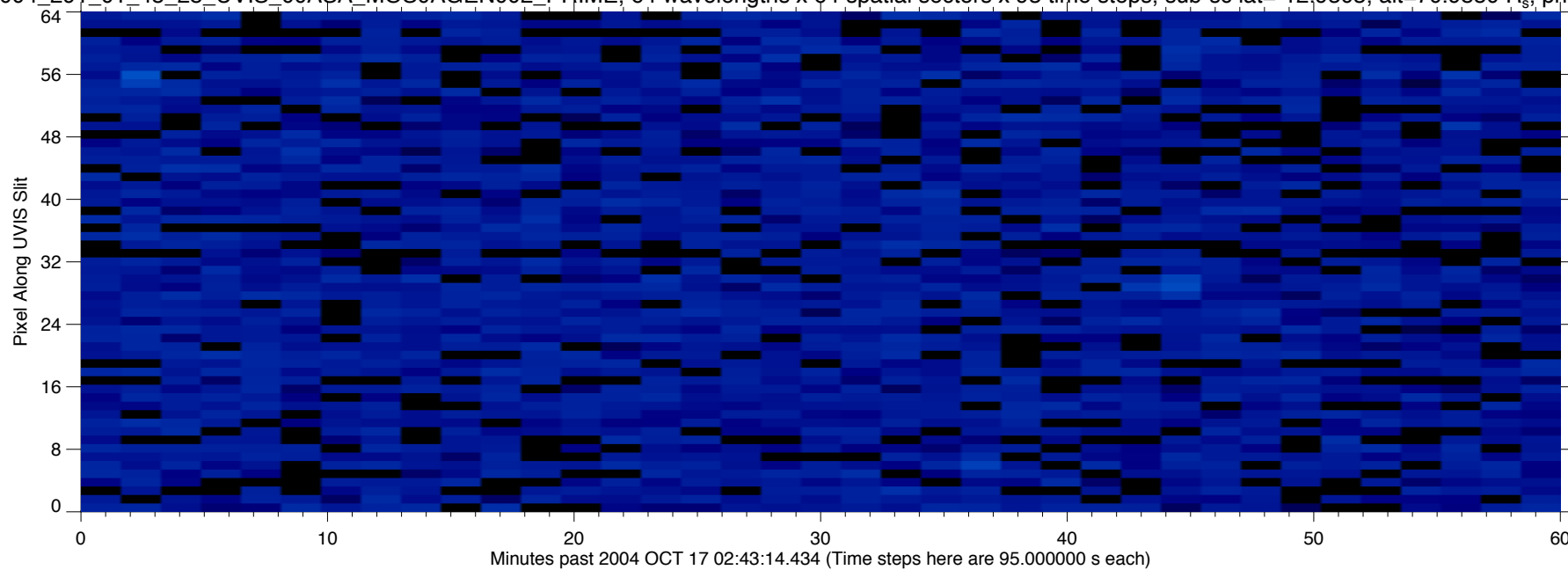
FUV2004_291_01_45_28_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-12.9303, alt=70.9850 R_s, phase=63.2799



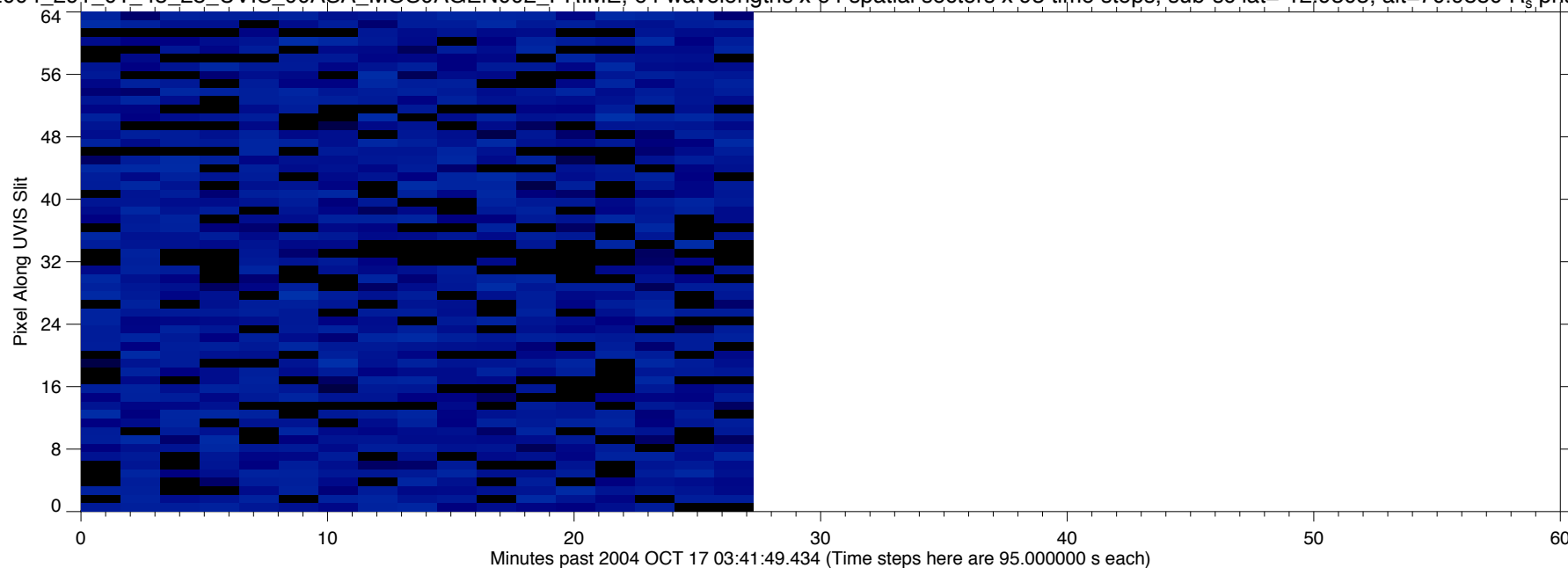
FUV2004_291_01_45_28_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-12.9303, alt=70.9850 R_s, phase=63.2799



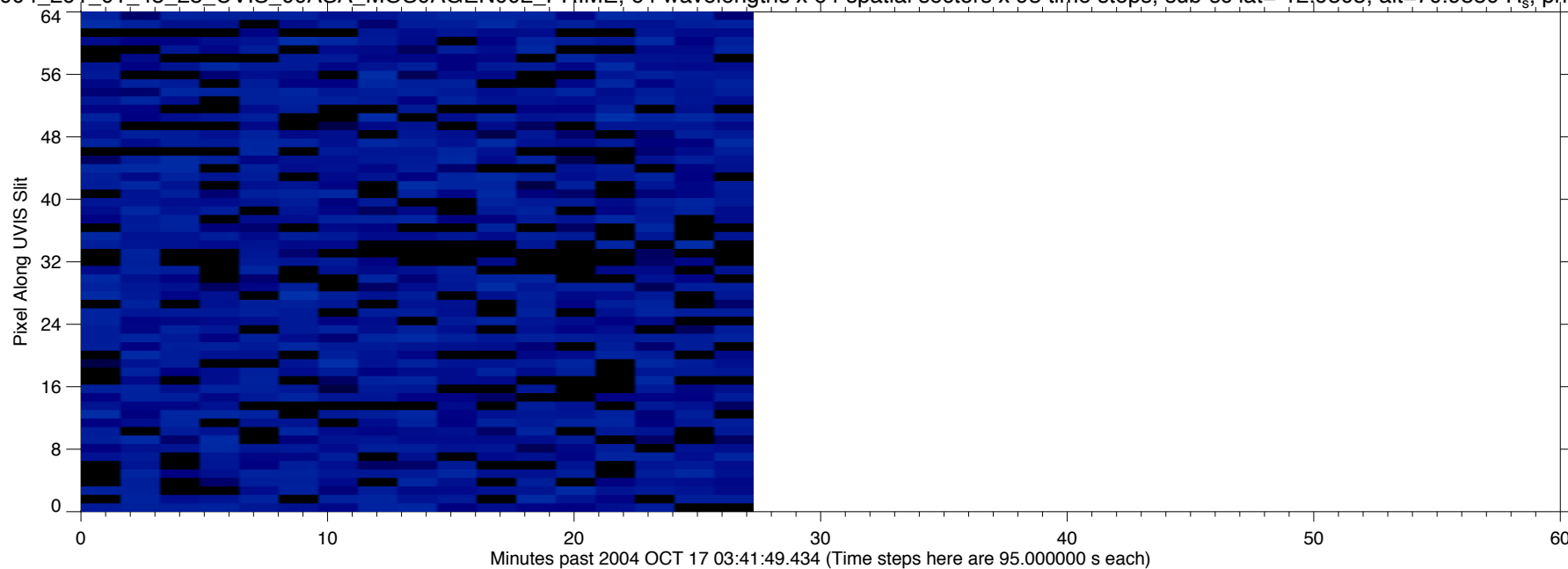
FUV2004_291_01_45_28_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-12.9303, alt=70.9850 R_s, phase=63.2799



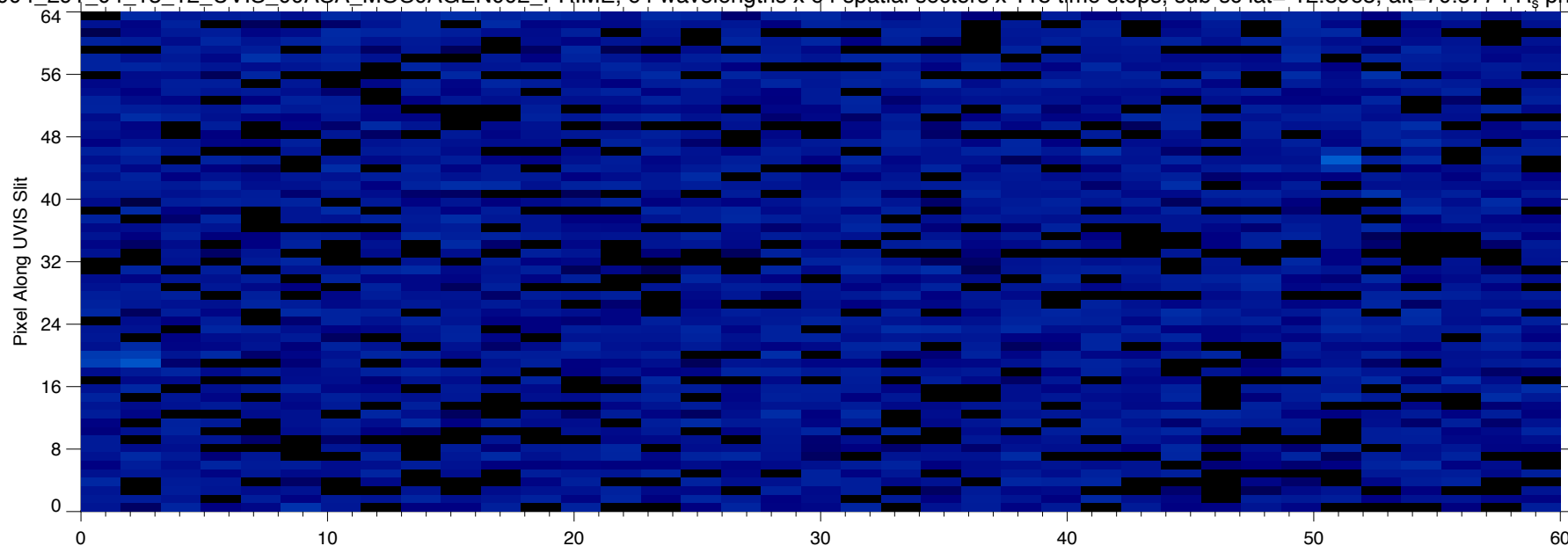
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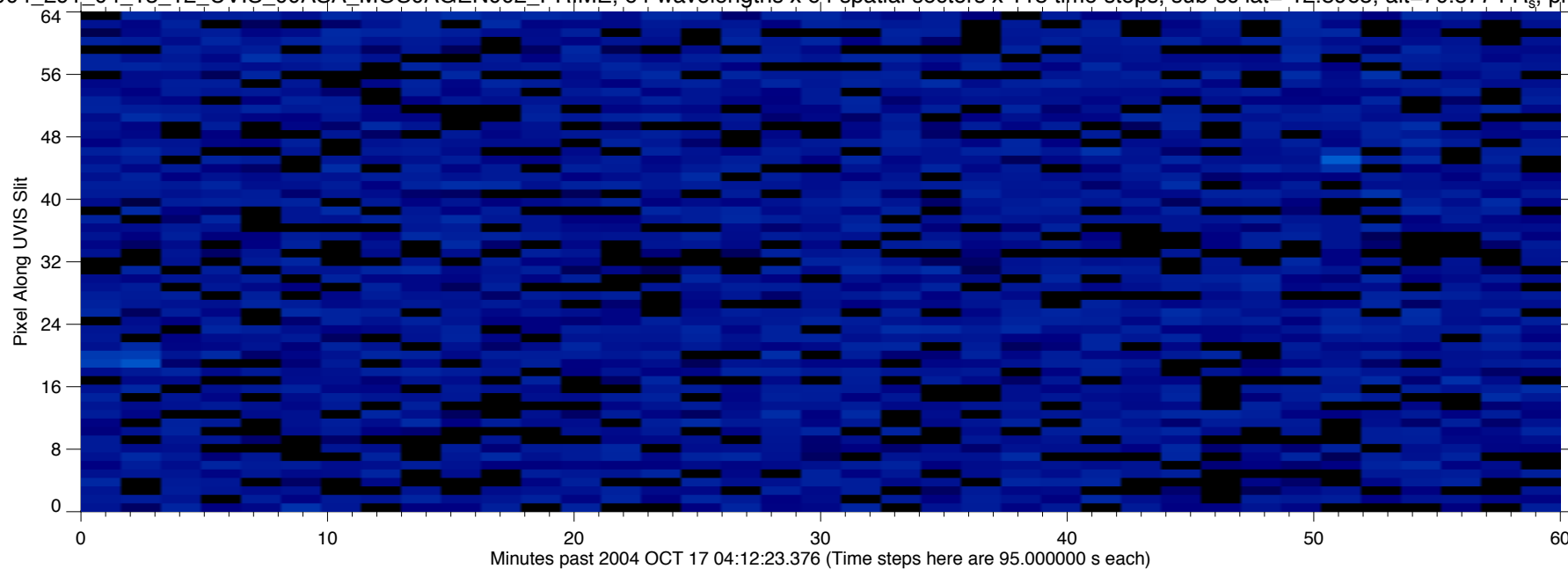
FUV2004_291_01_45_28_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-12.9303, alt=70.9850 R_s, phase=63.2799



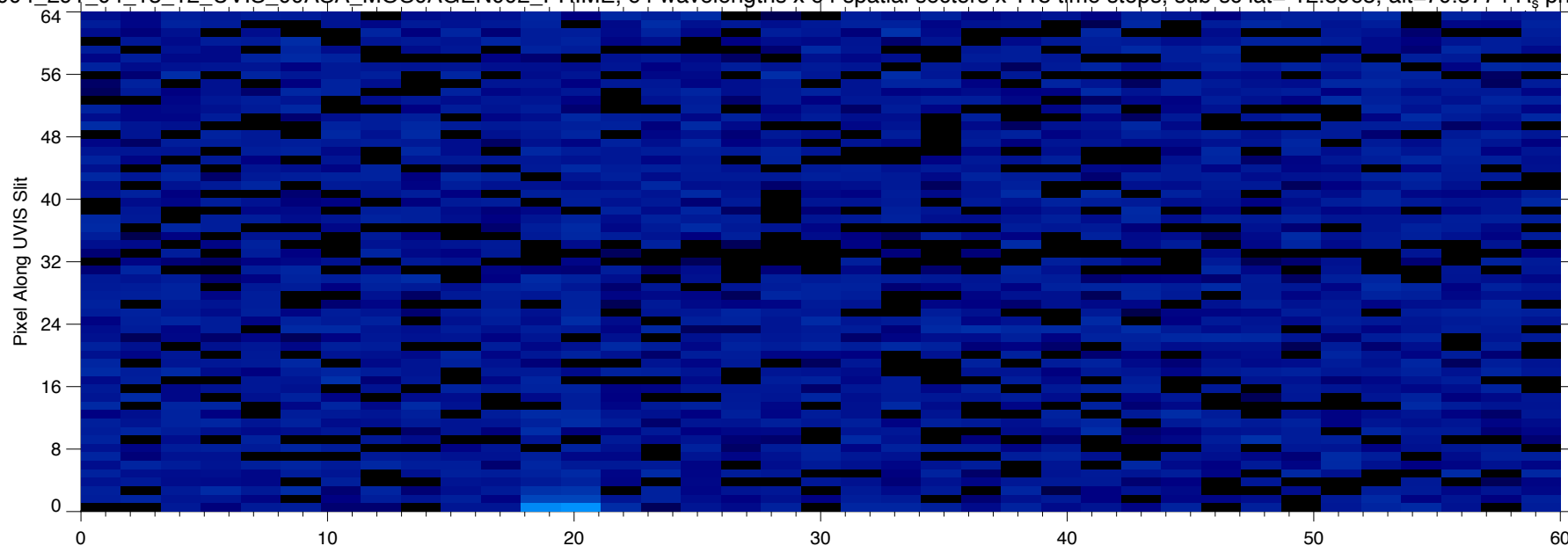
FUV2004_291_04_13_12_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 118 time steps, sub-sc lat=-12.8965, alt=70.5774 R_s, phase=63.1463



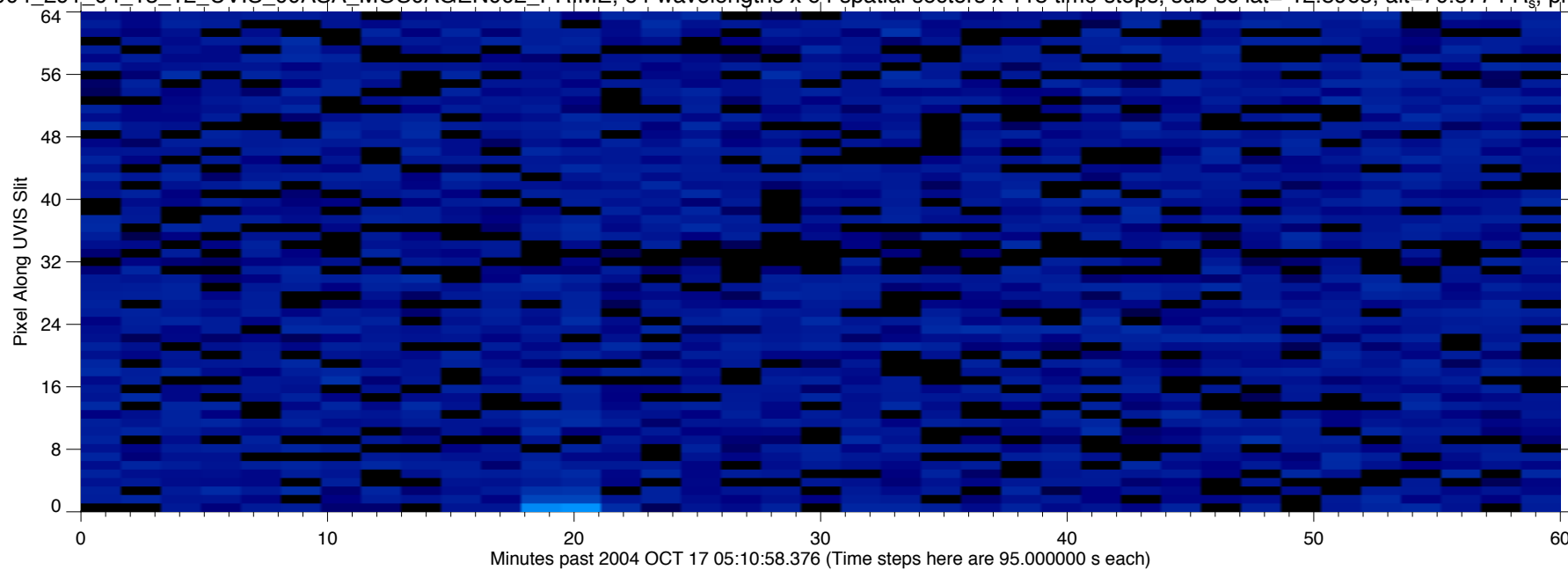
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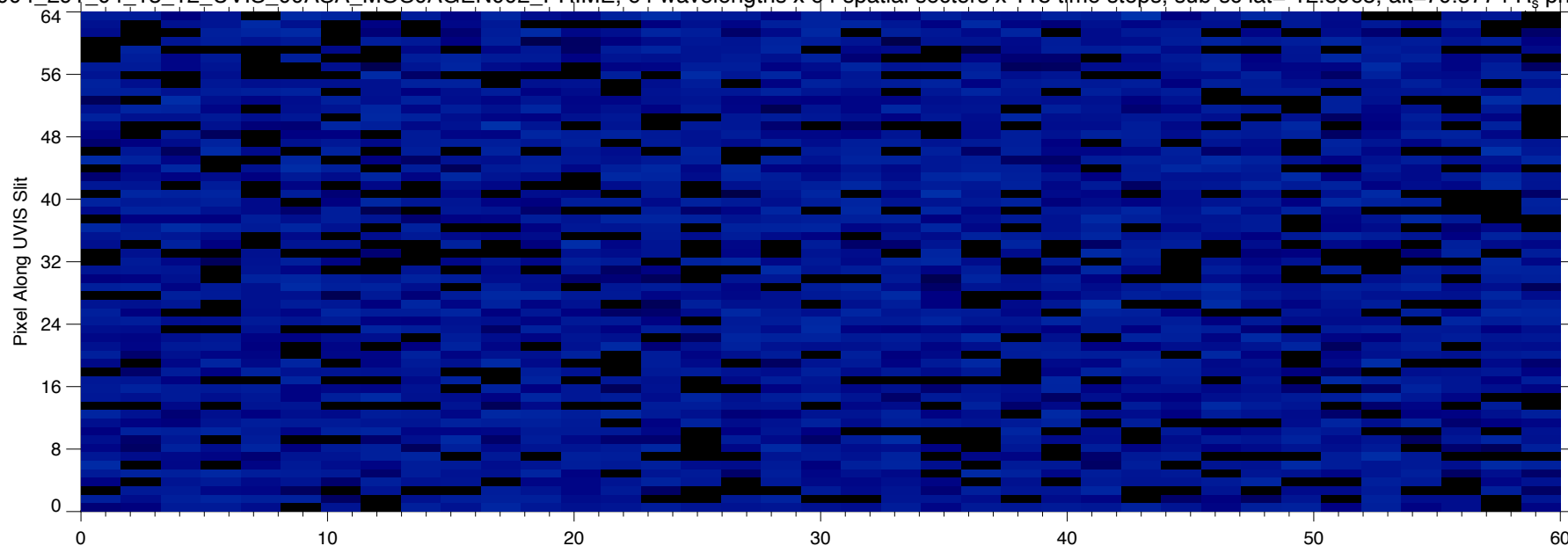
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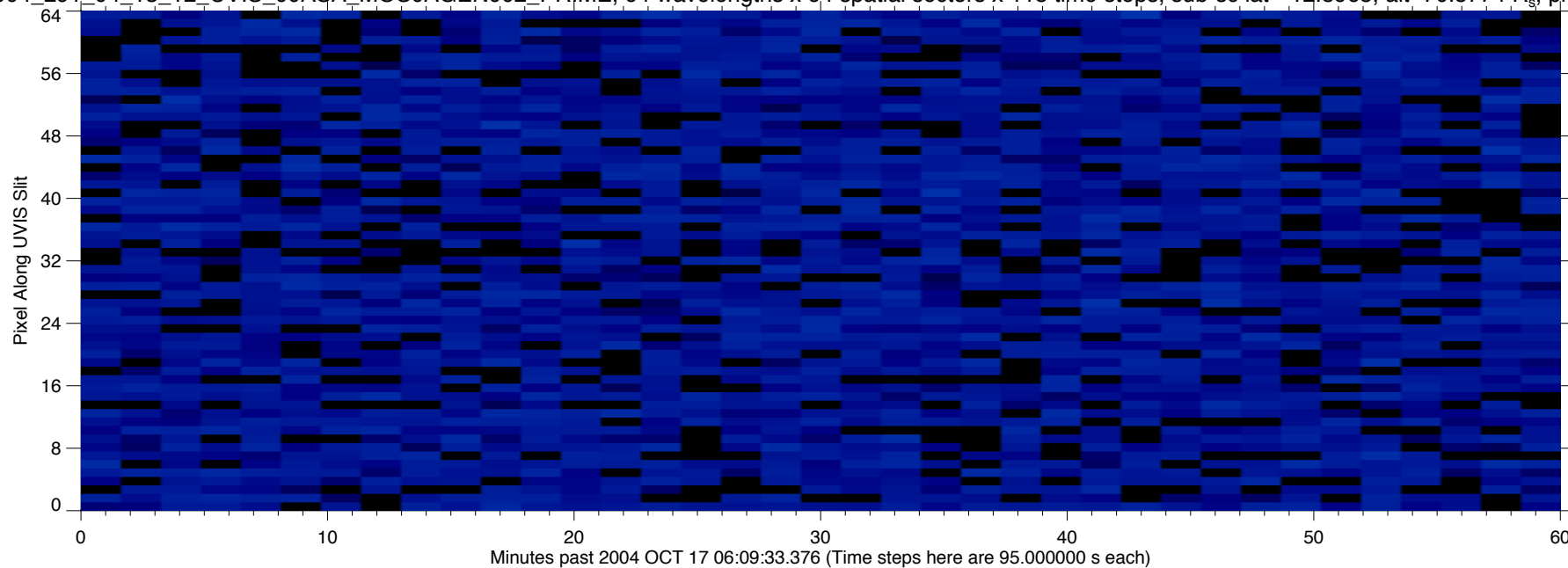
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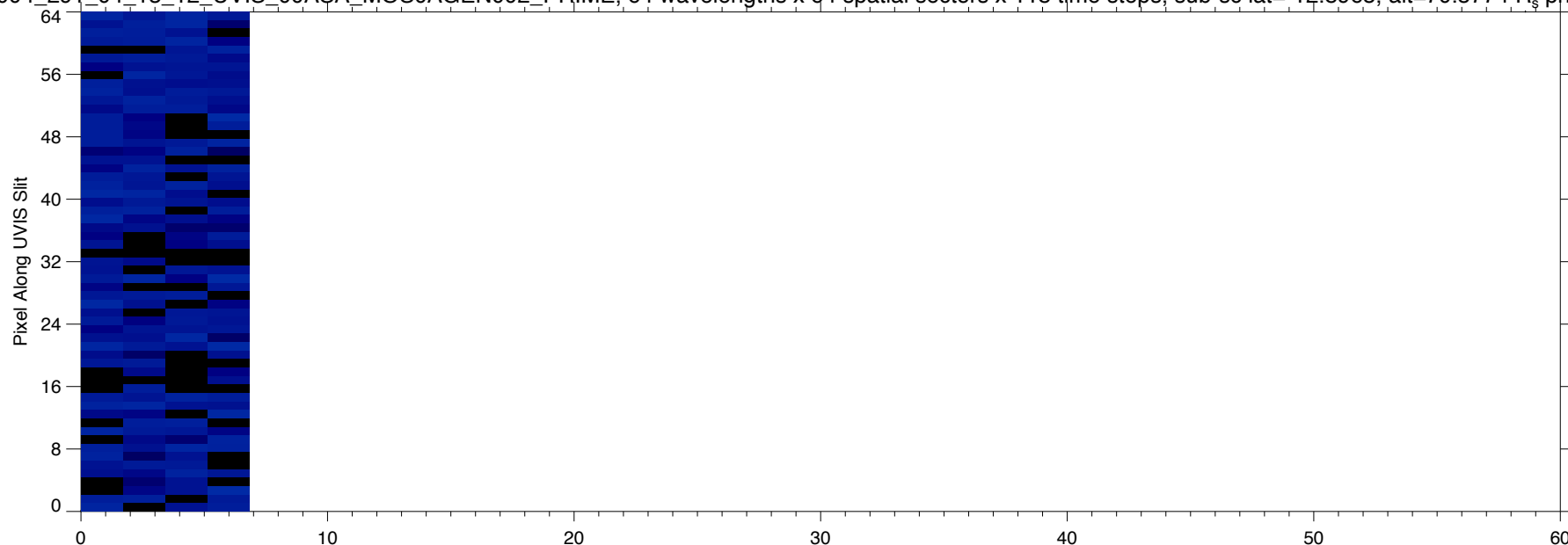
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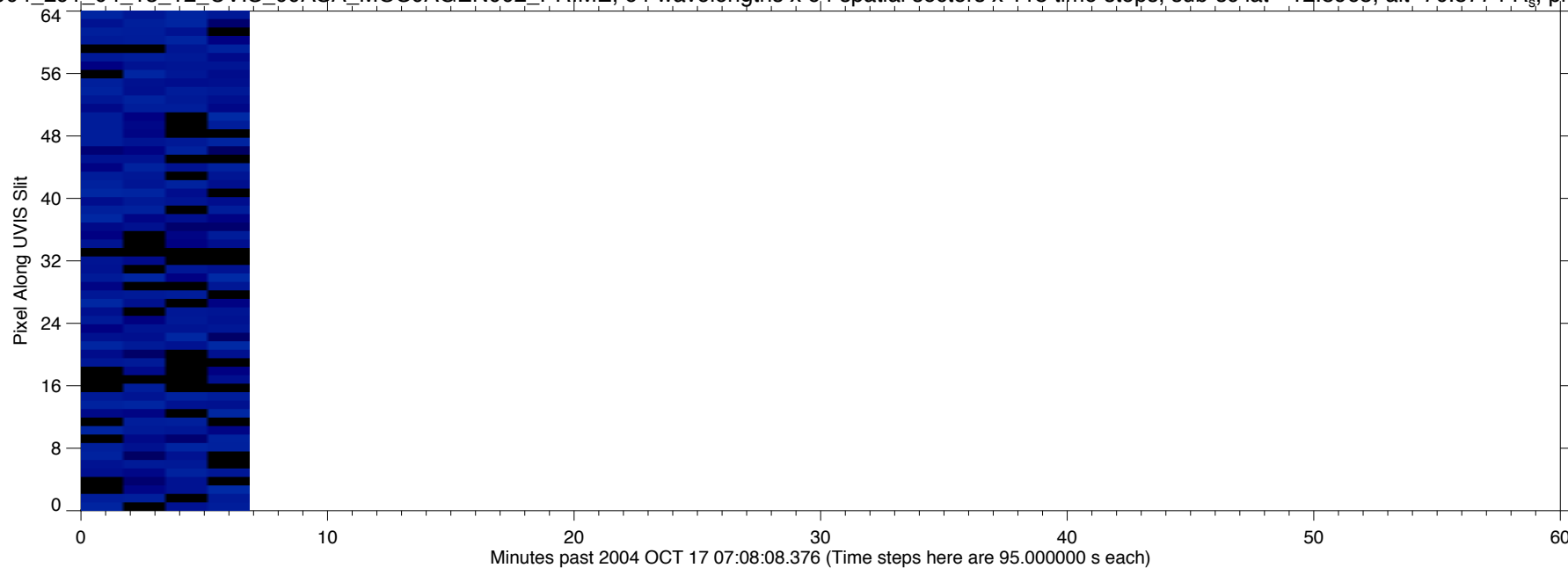
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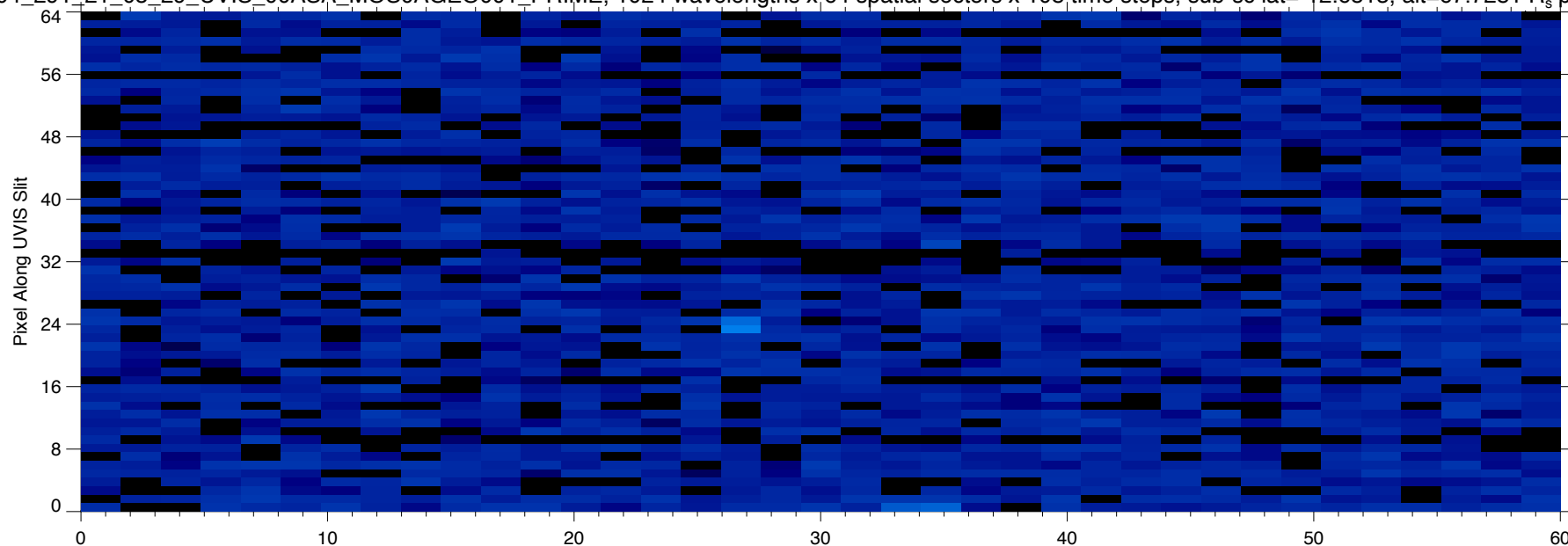
FUV2004_291_04_13_12_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 118 time steps, sub-sc lat=-12.8965, alt=70.5774 R_s, phase=63.1463



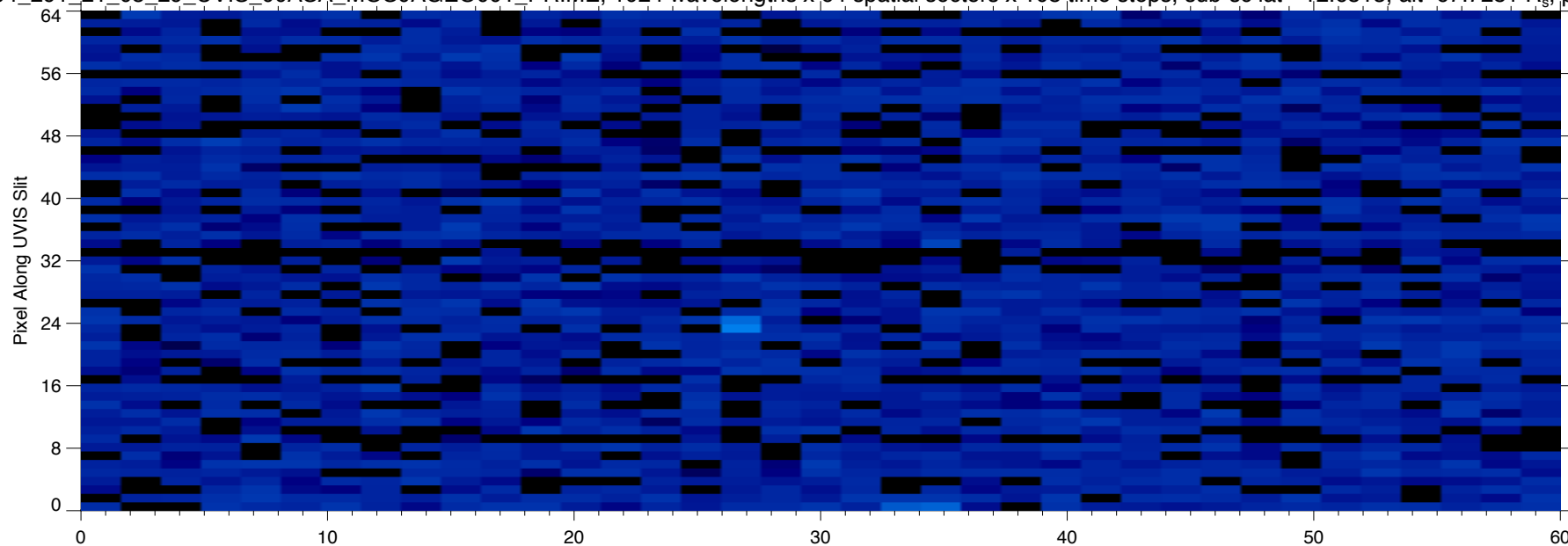
FUV2004_291_04_13_12_UVIS_00ASA_MOS0AGEN002_PRIME, 64 wavelengths x 64 spatial sectors x 118 time steps, sub-sc lat=-12.8965, alt=70.5774 R_s, phase=63.1463



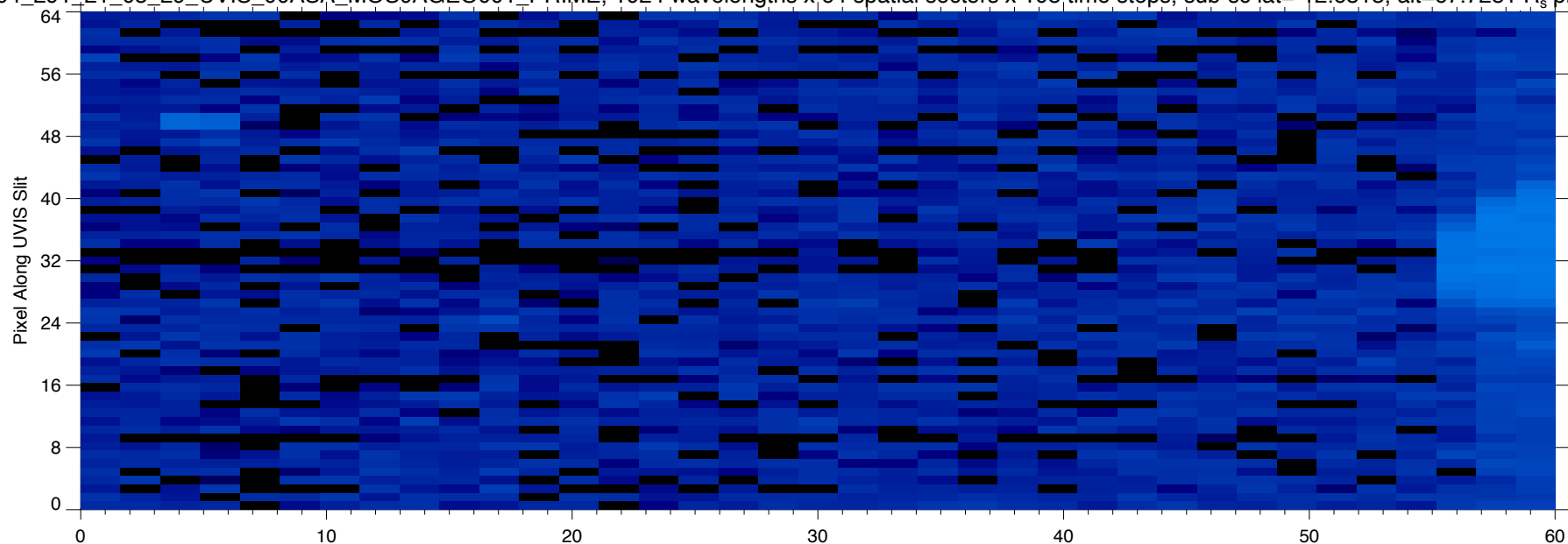
FUV2004_291_21_05_29_UVIS_00ASA_MOS0AGEO001_PRIME, 1024 wavelengths x 64 spatial sectors x 108 time steps, sub-sc lat=-12.6513, alt=67.7281 R_s phase=62.1882



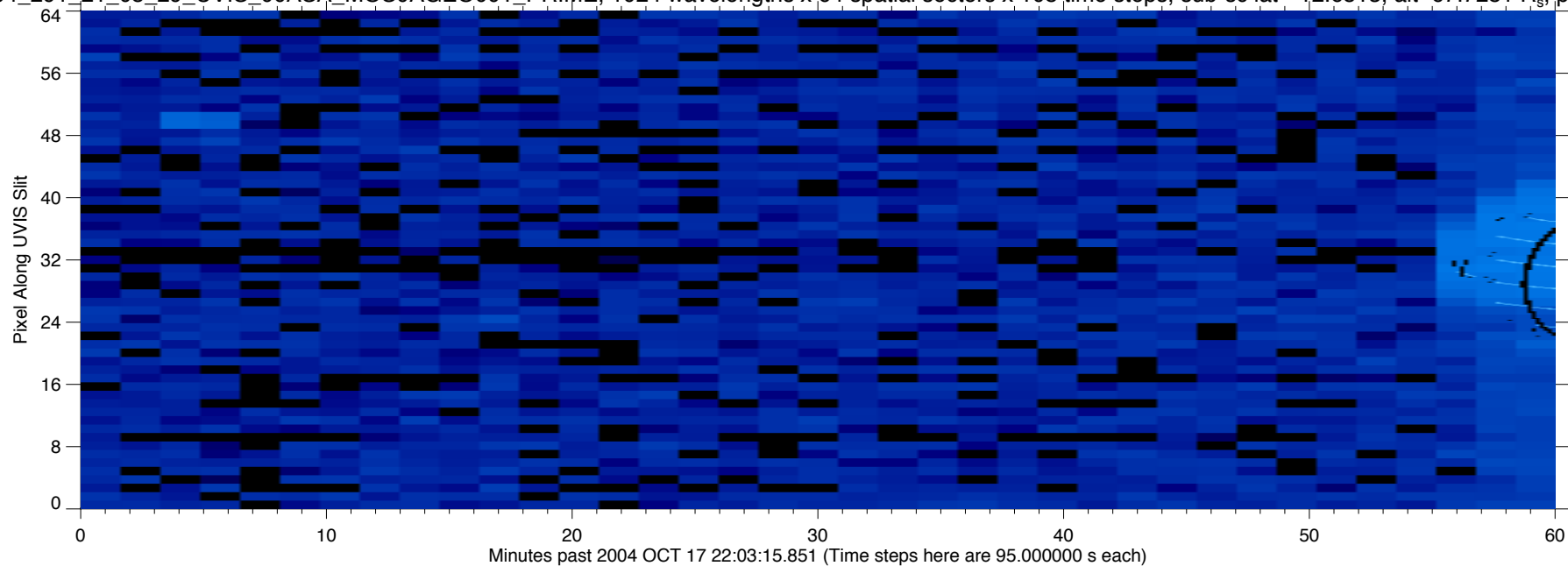
FUV2004_291_21_05_29_UVIS_00ASA_MOS0AGEO001_PRIME, 1024 wavelengths x 64 spatial sectors x 108 time steps, sub-sc lat=-12.6513, alt=67.7281 R_s phase=62.1882



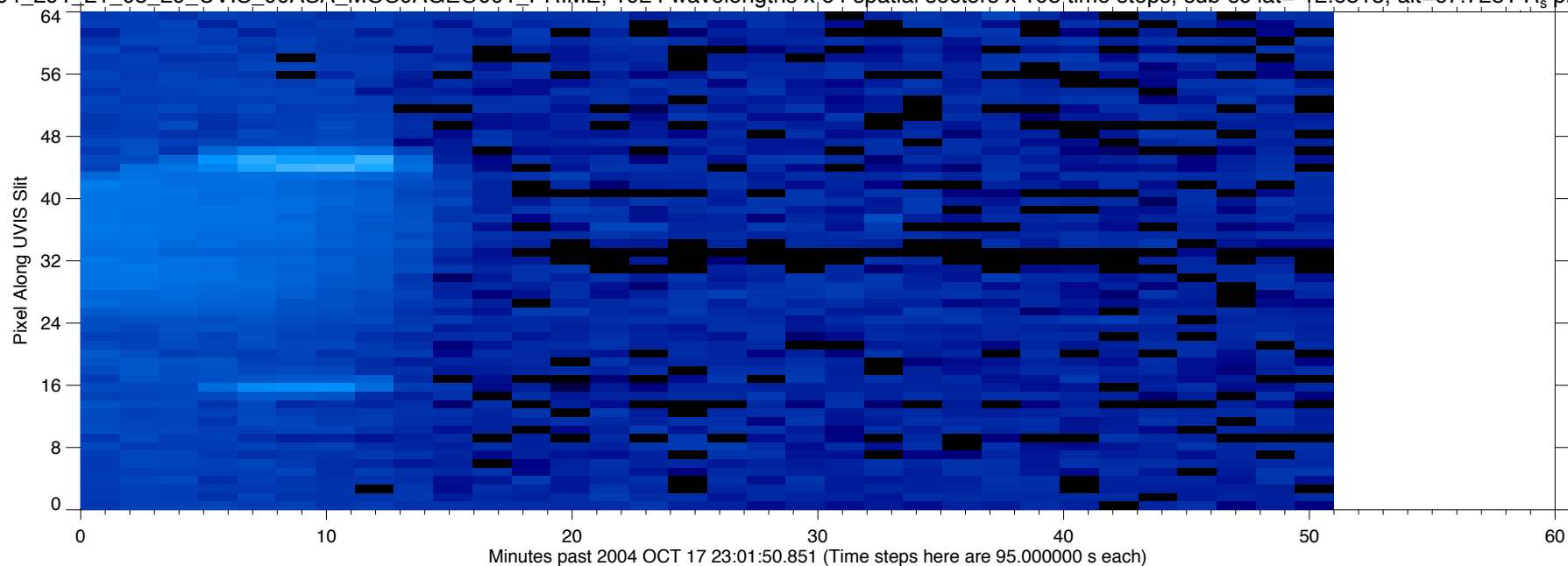
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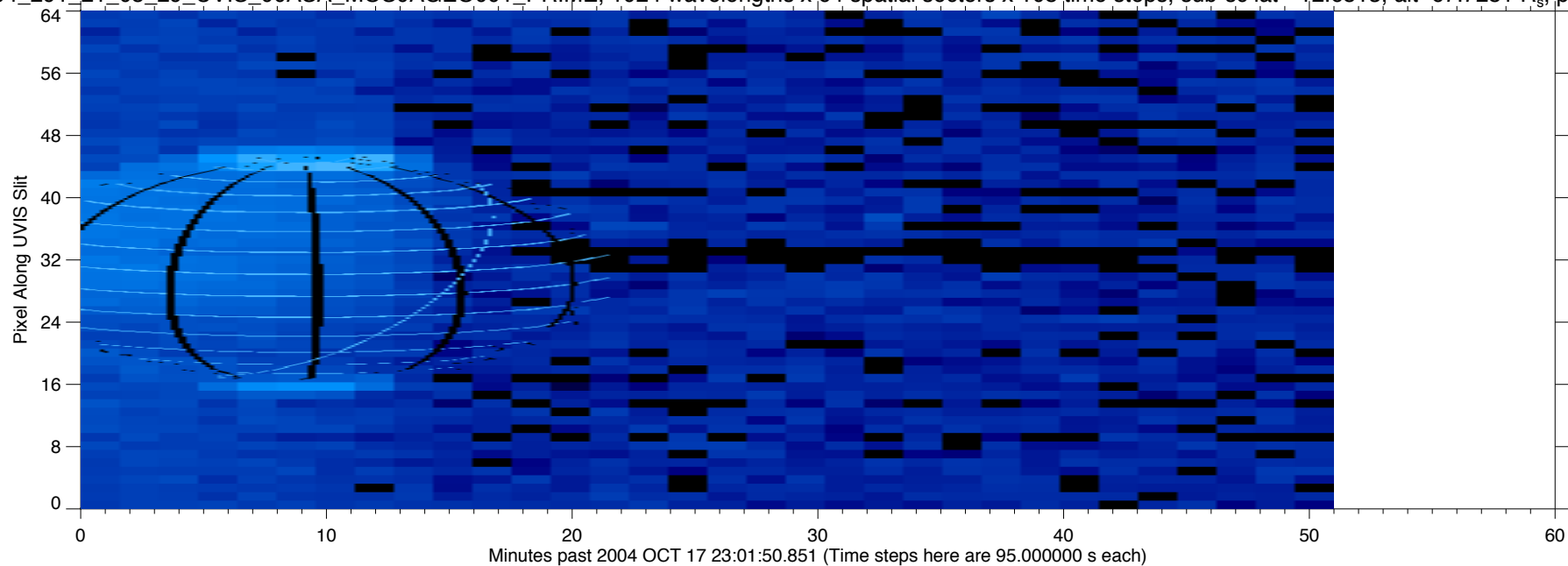
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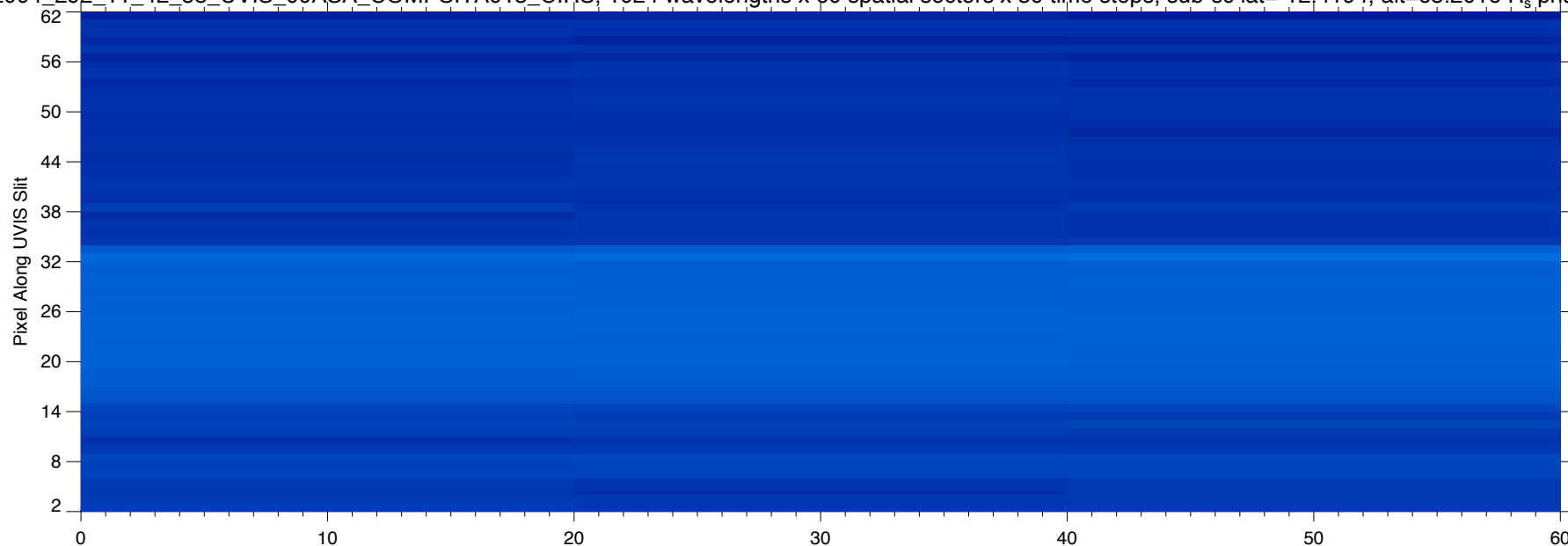
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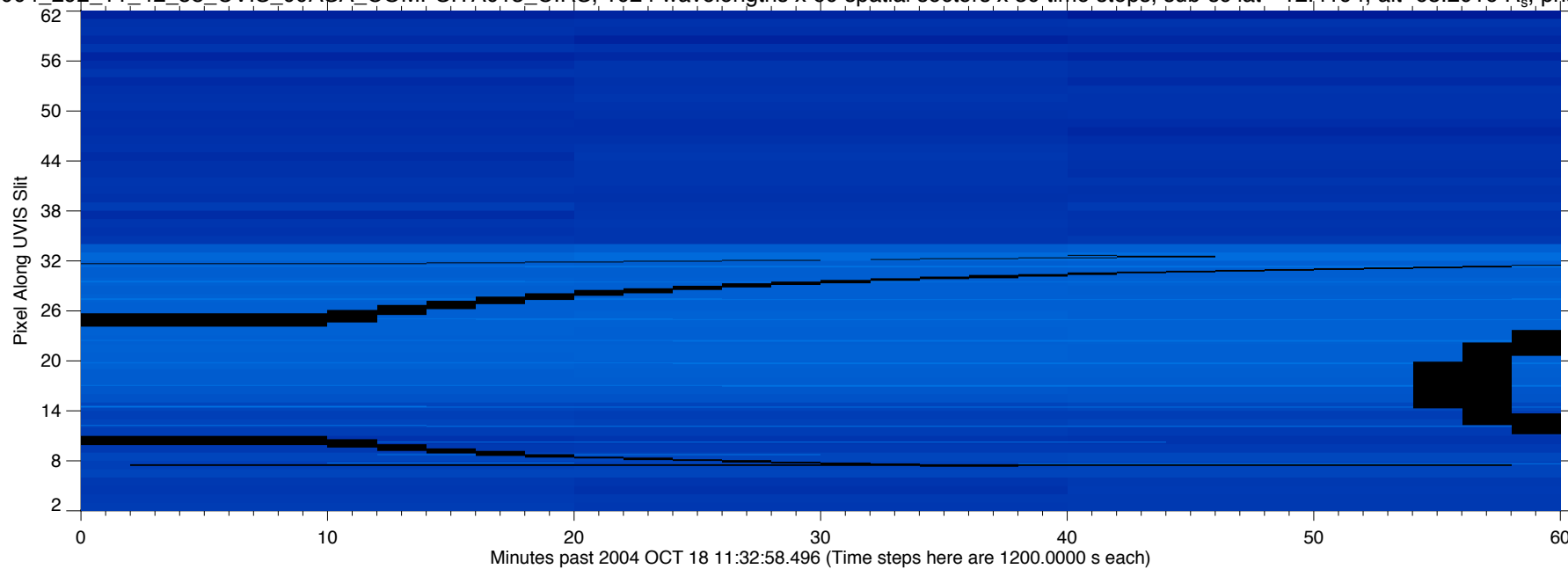
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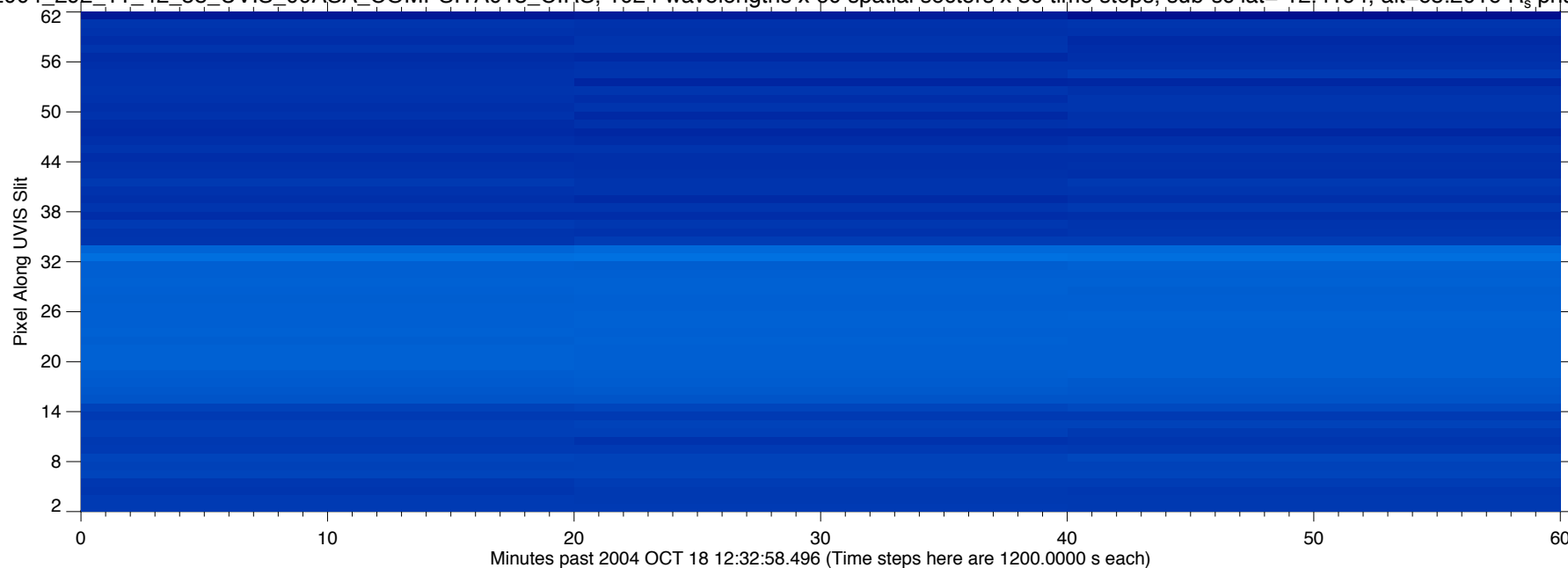
FUV2004_292_11_42_58_UVIS_00ASA_COMPSITA013_CIRS, 1024 wavelengths x 60 spatial sectors x 30 time steps, sub-sc lat=-12.4194, alt=65.2016 R_s, phase=61.3009



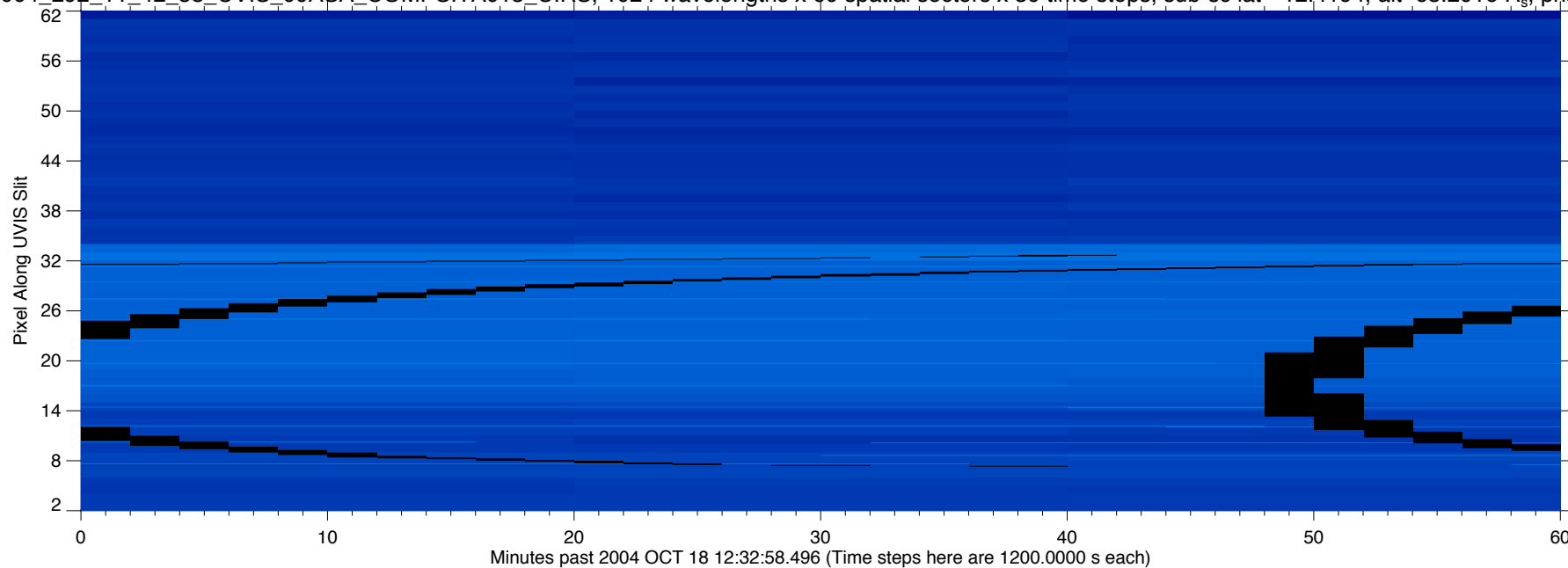
FUV2004_292_11_42_58_UVIS_00ASA_COMPSITA013_CIRS, 1024 wavelengths x 60 spatial sectors x 30 time steps, sub-sc lat=-12.4194, alt=65.2016 R_s, phase=61.3009



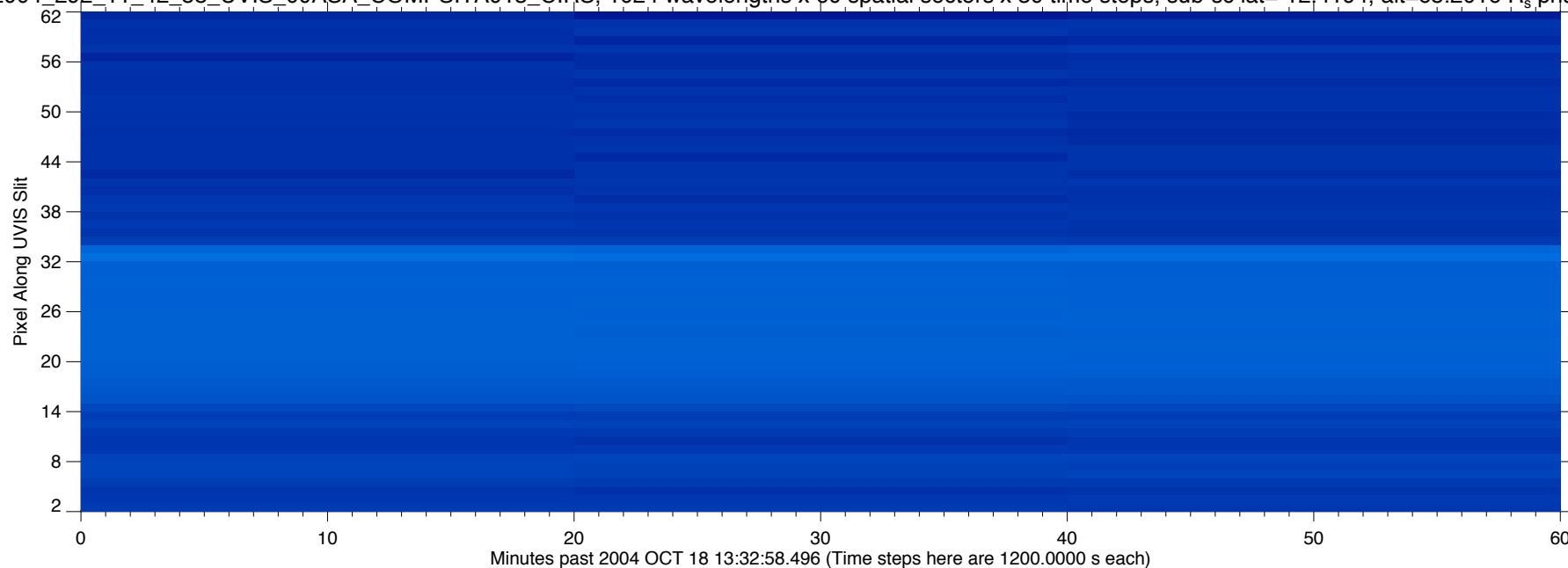
FUV2004_292_11_42_58_UVIS_00ASA_COMPSITA013_CIRS, 1024 wavelengths x 60 spatial sectors x 30 time steps, sub-sc lat=-12.4194, alt=65.2016 R_s, phase=61.3009



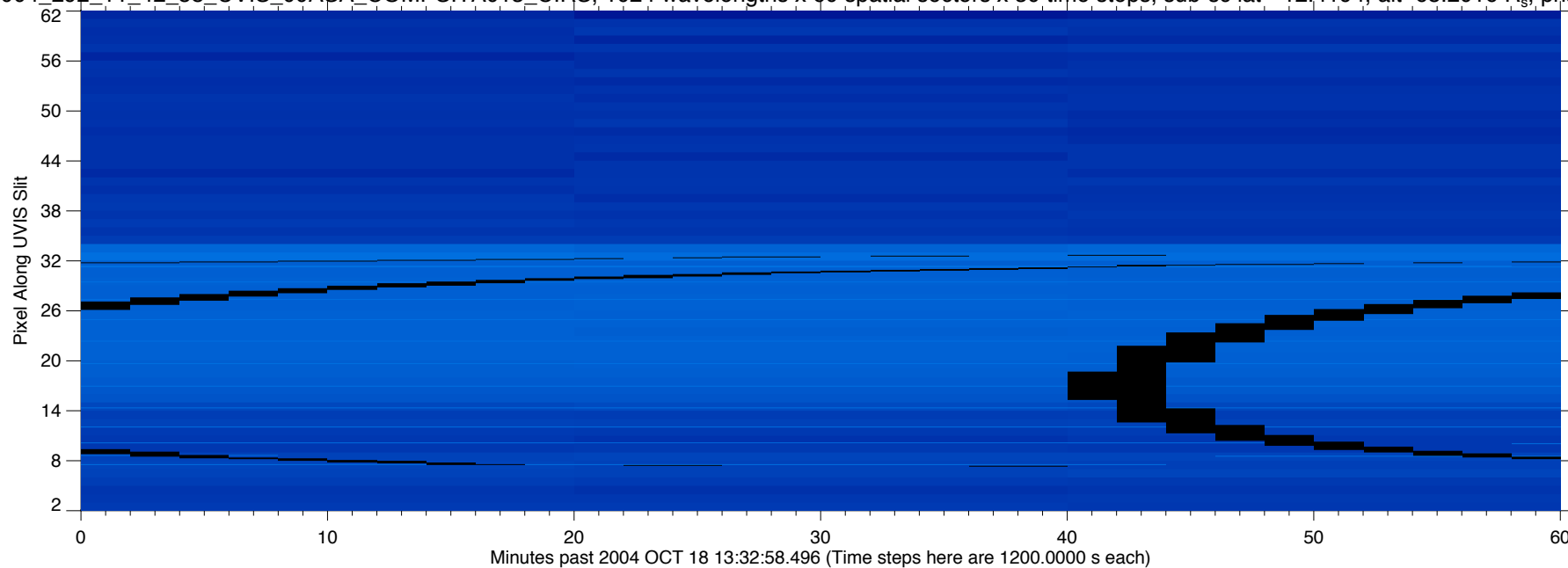
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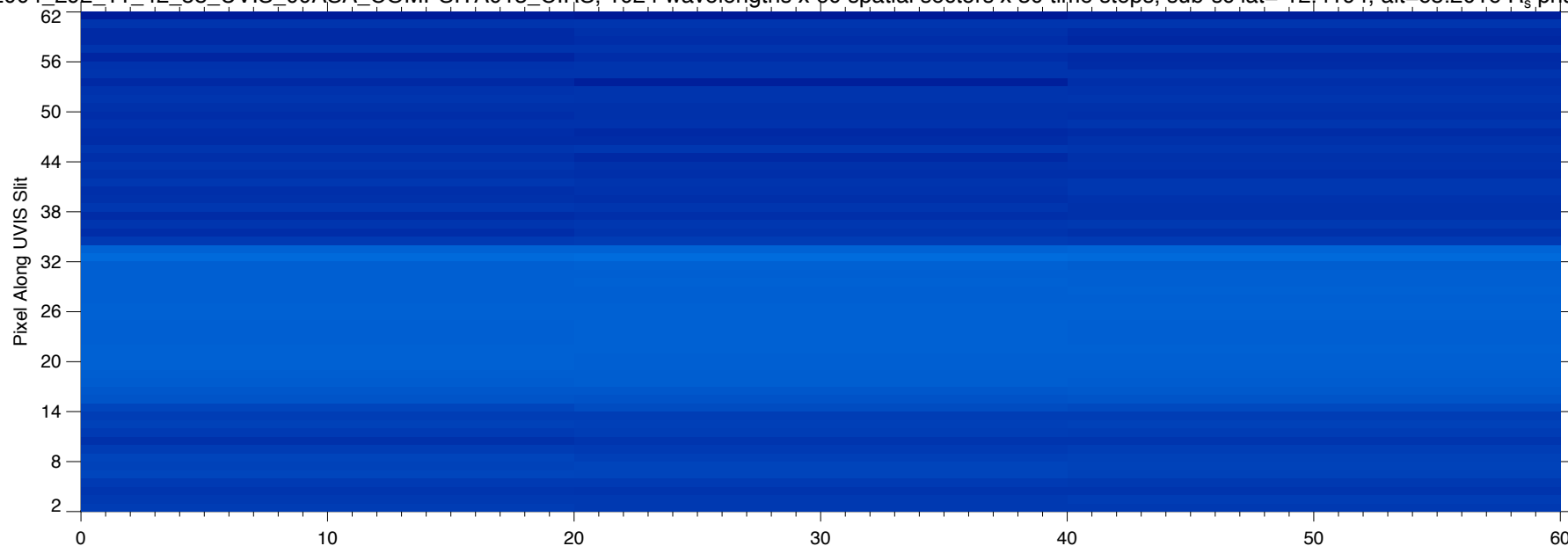
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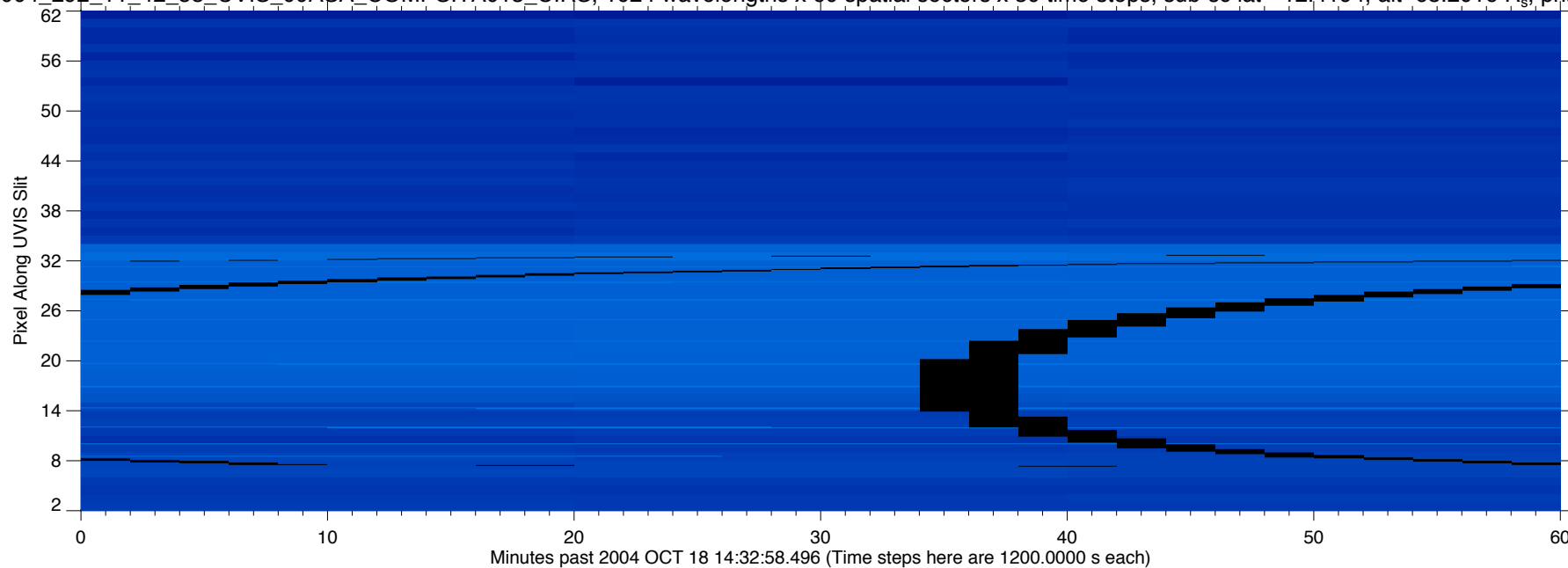
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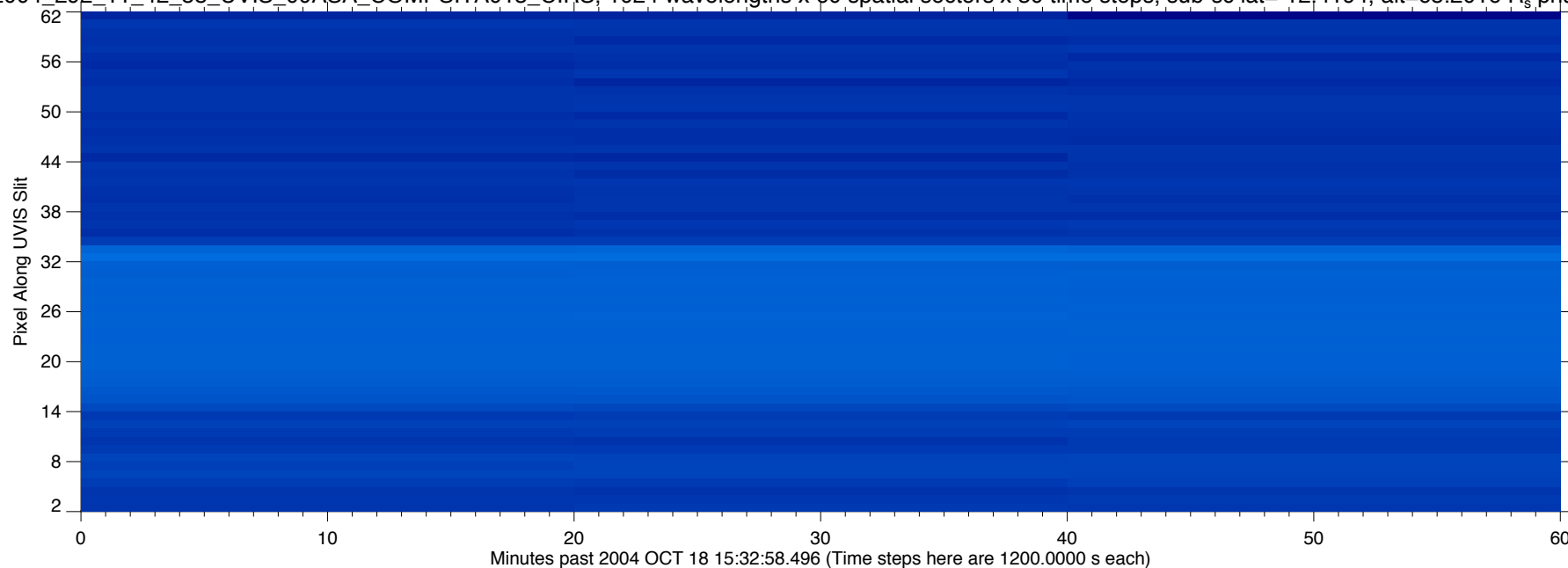
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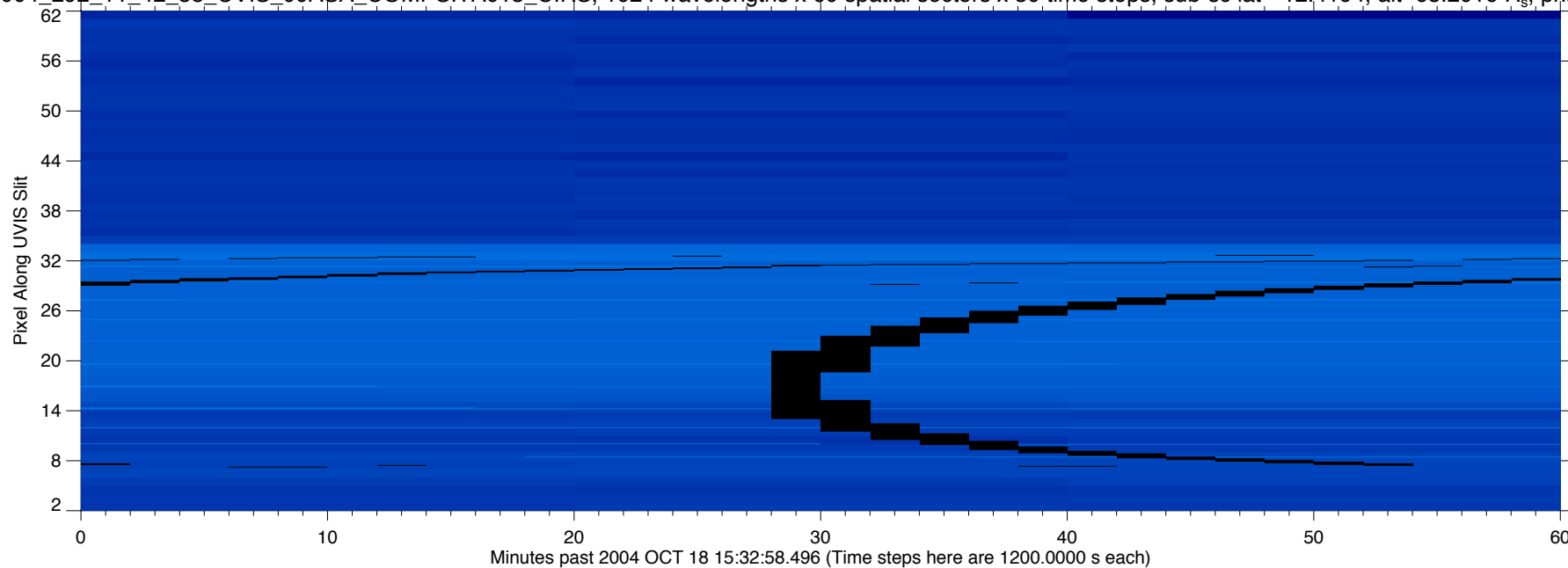
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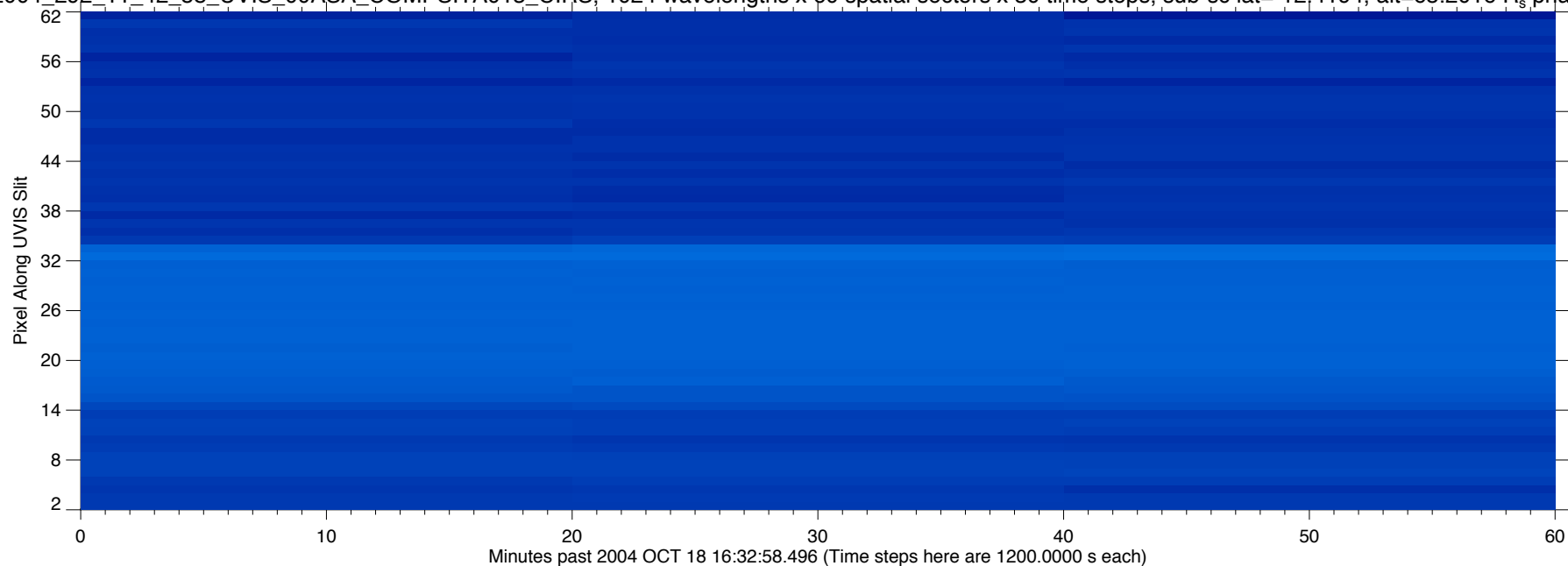
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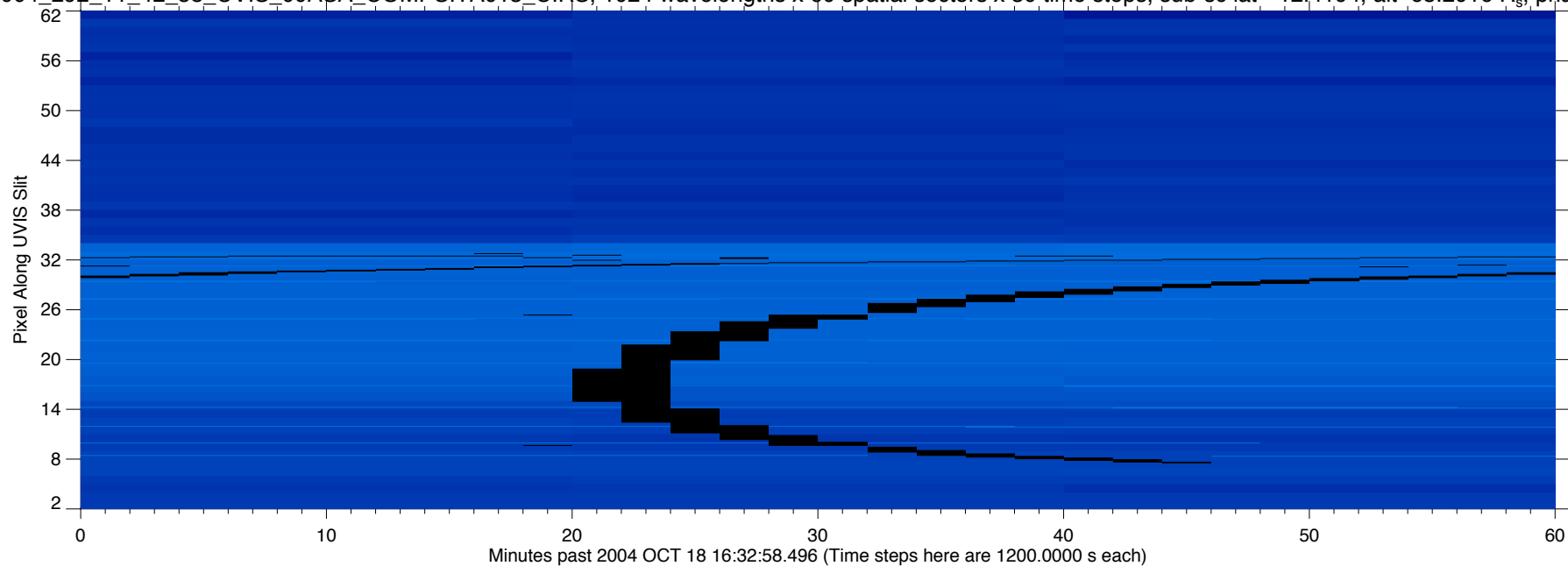
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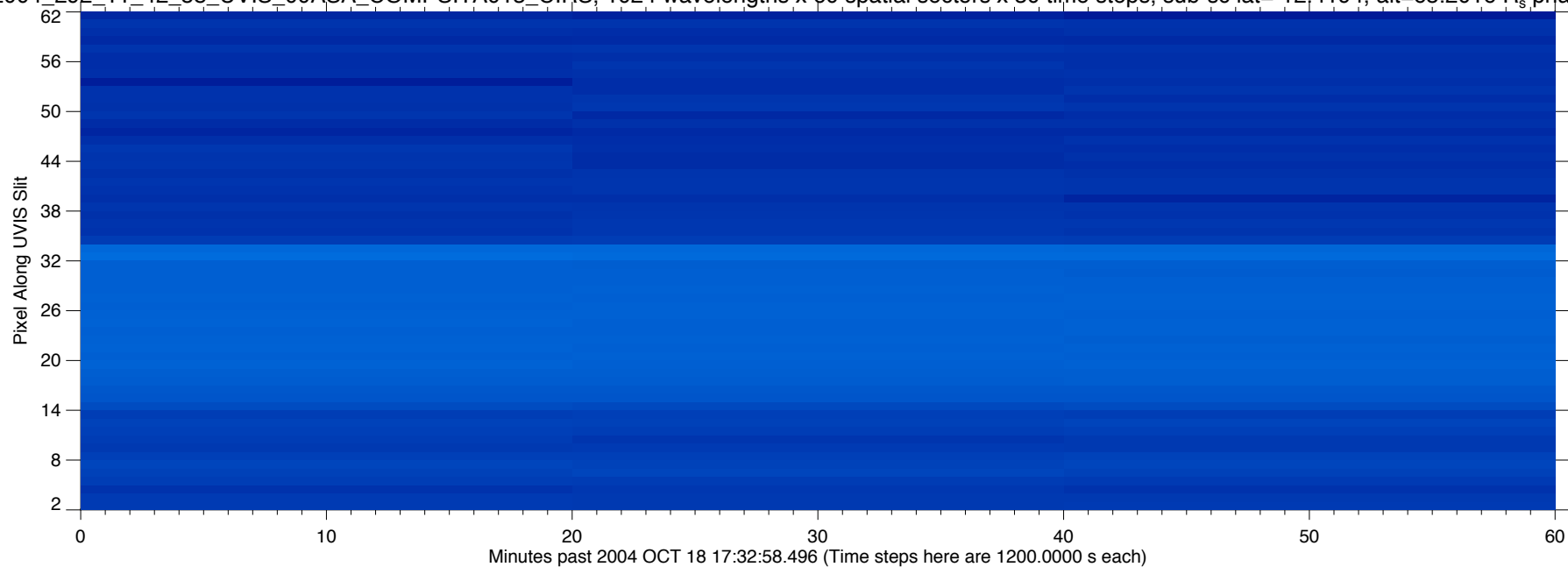
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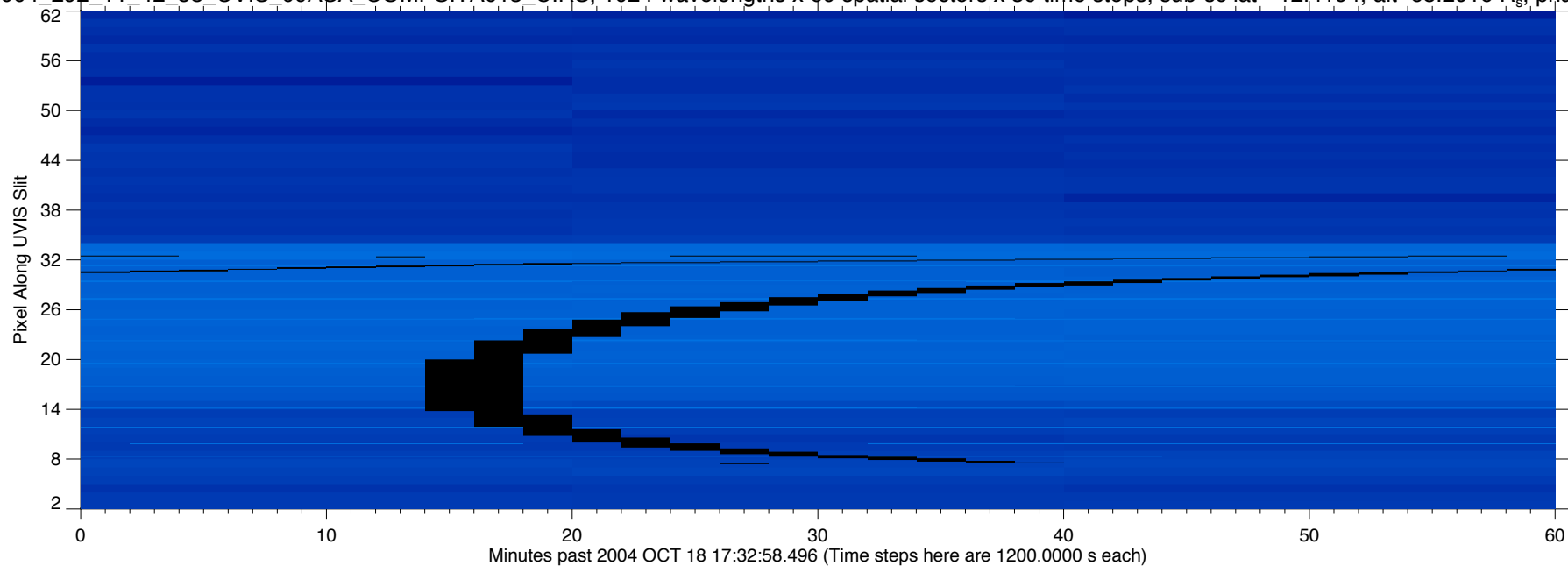
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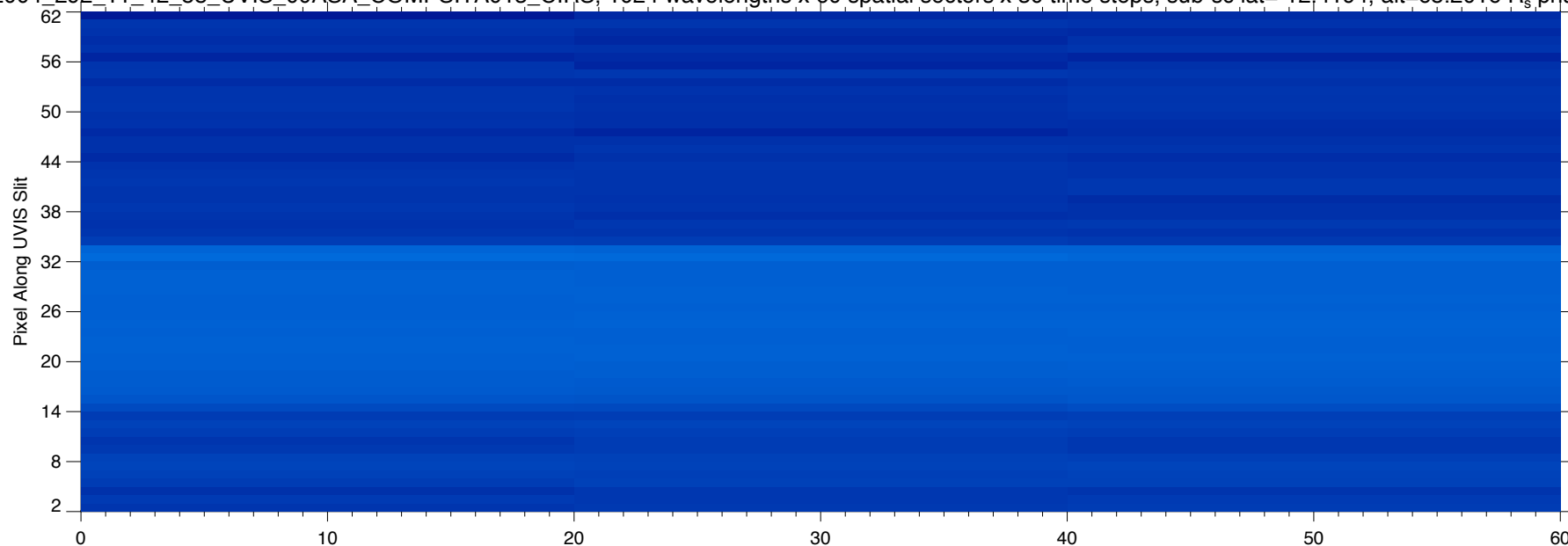
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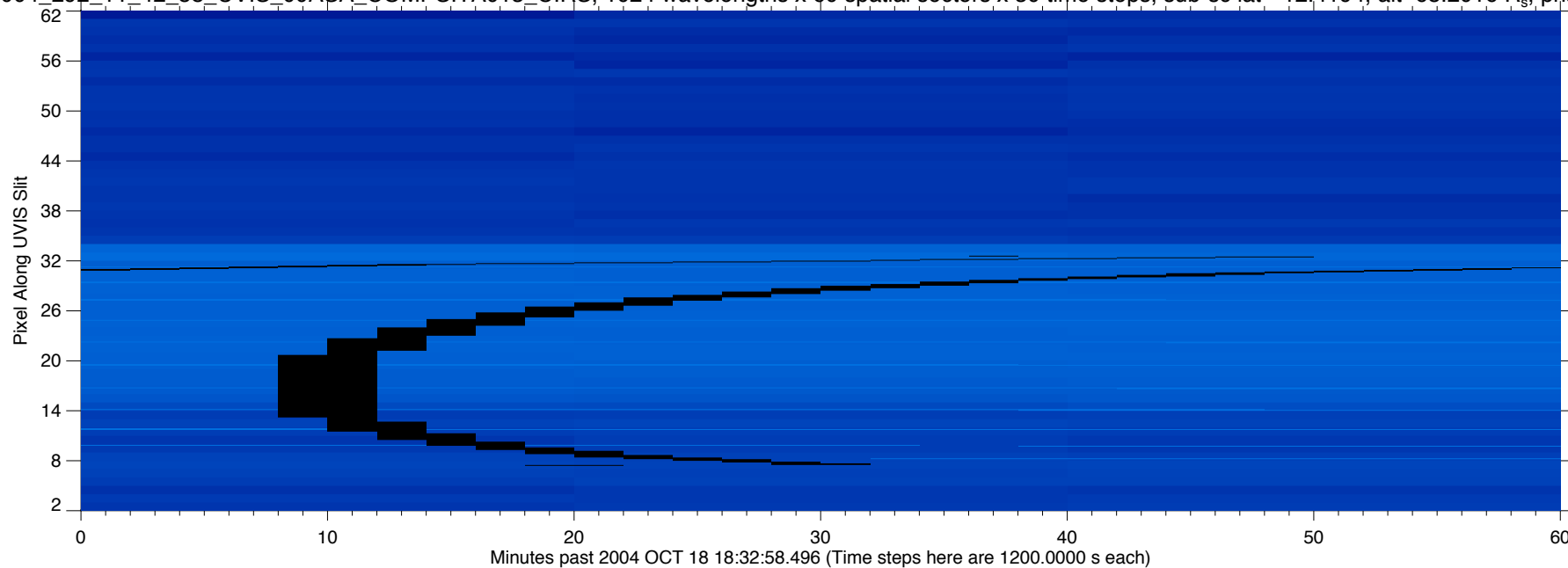
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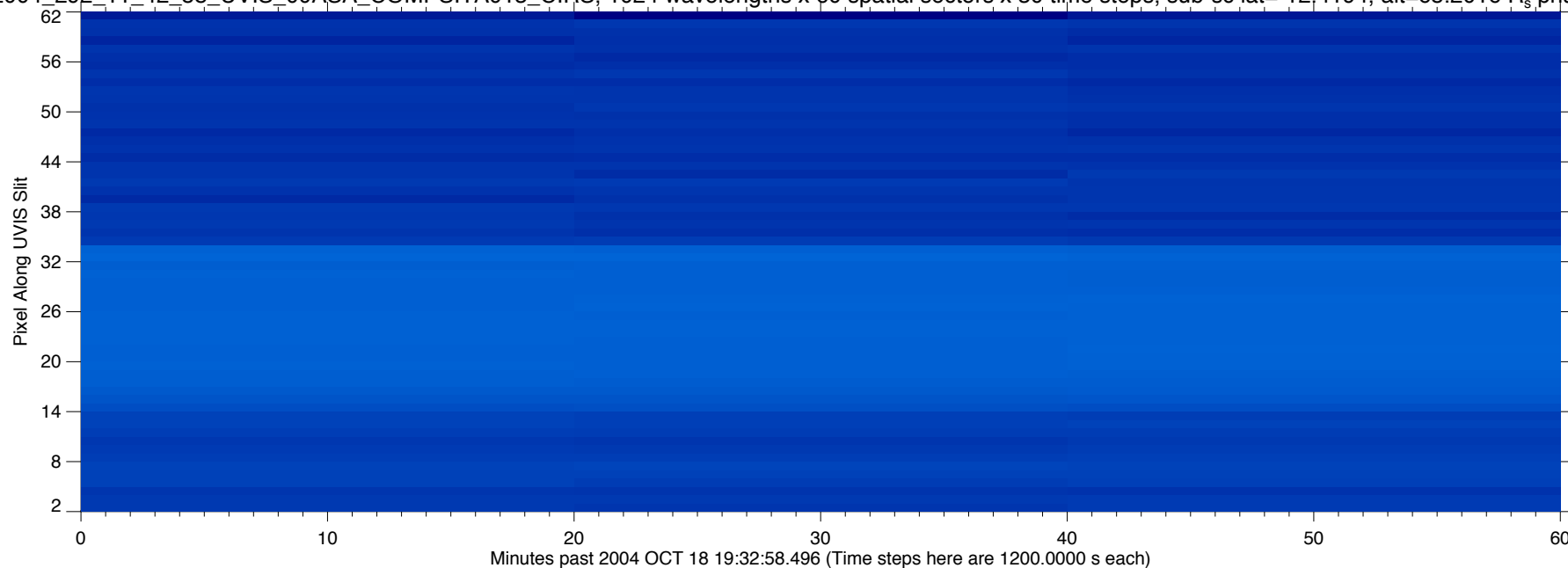
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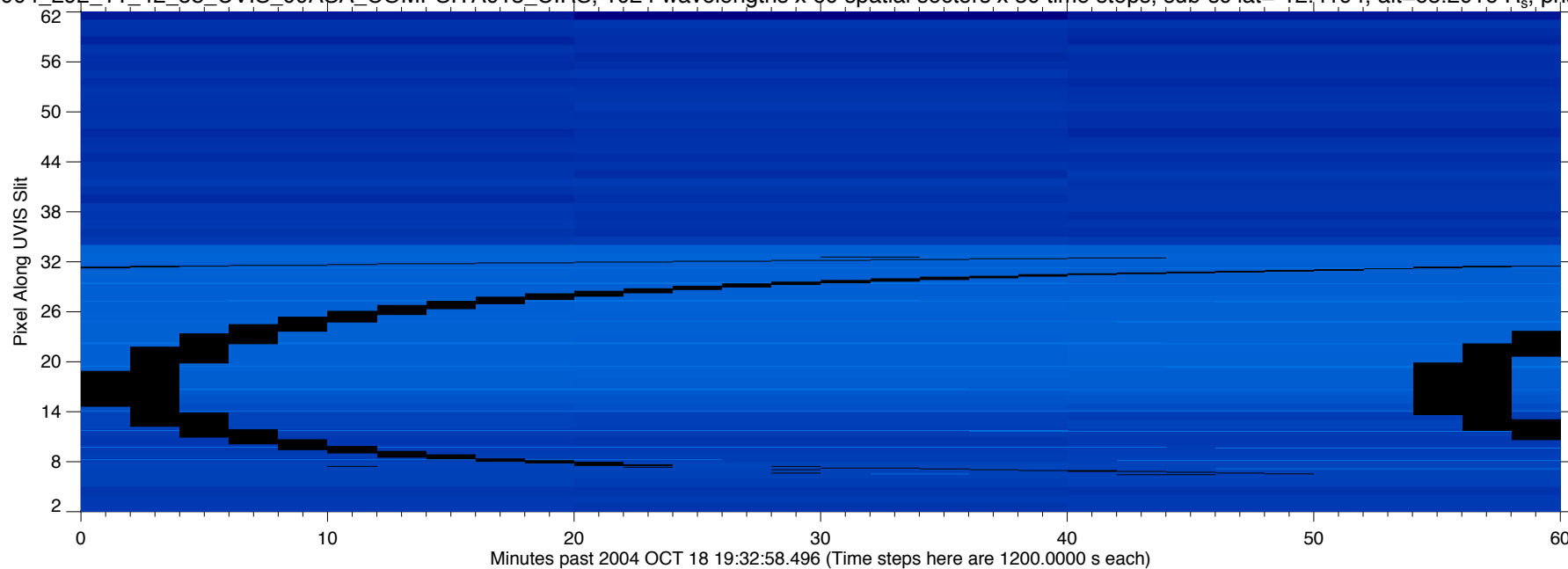
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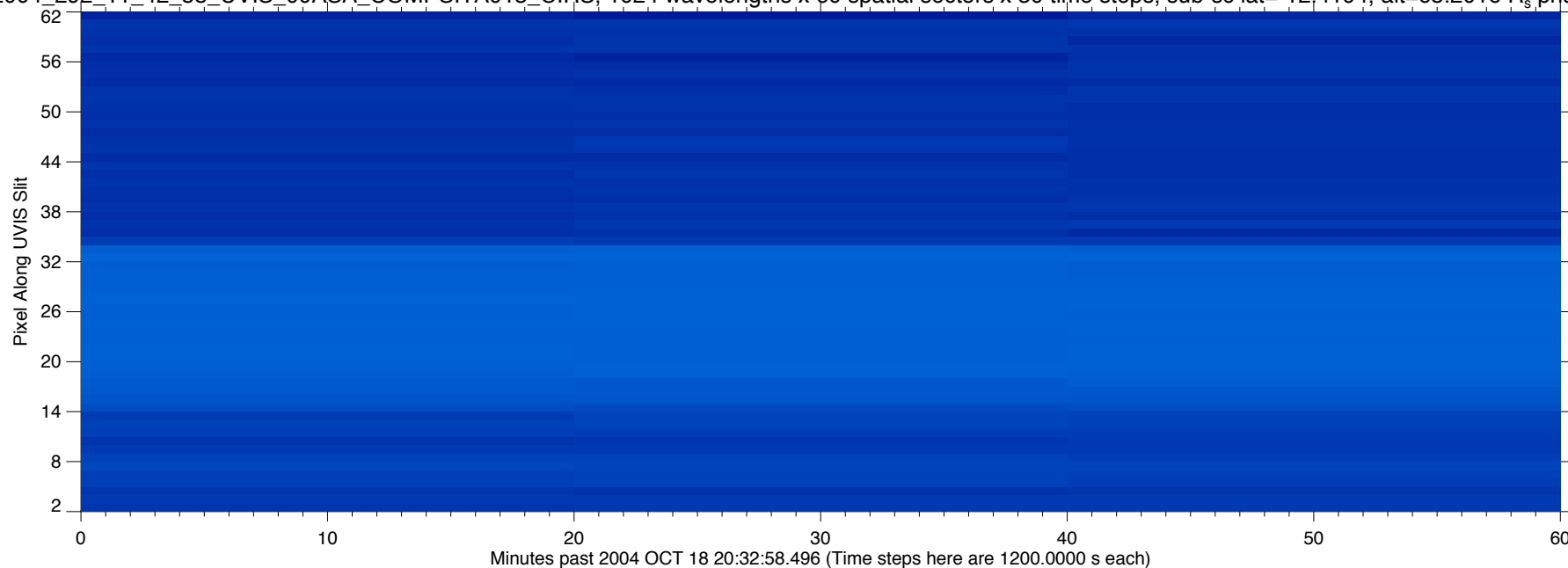
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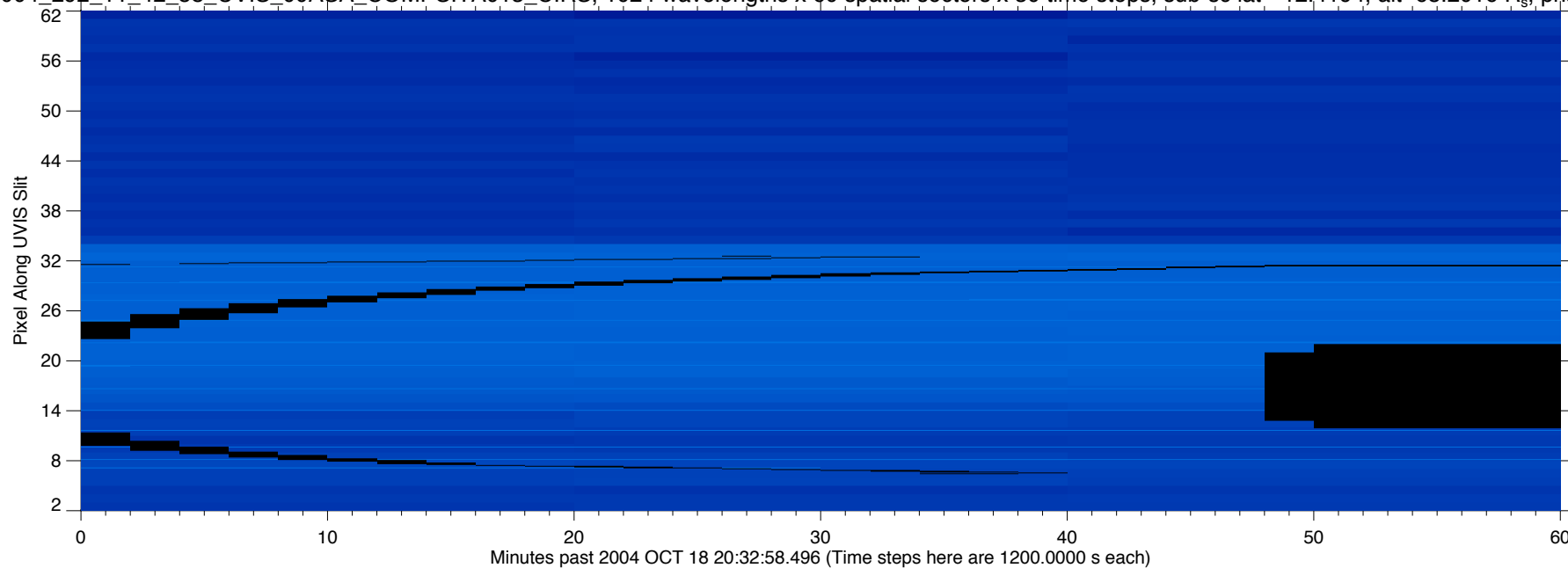
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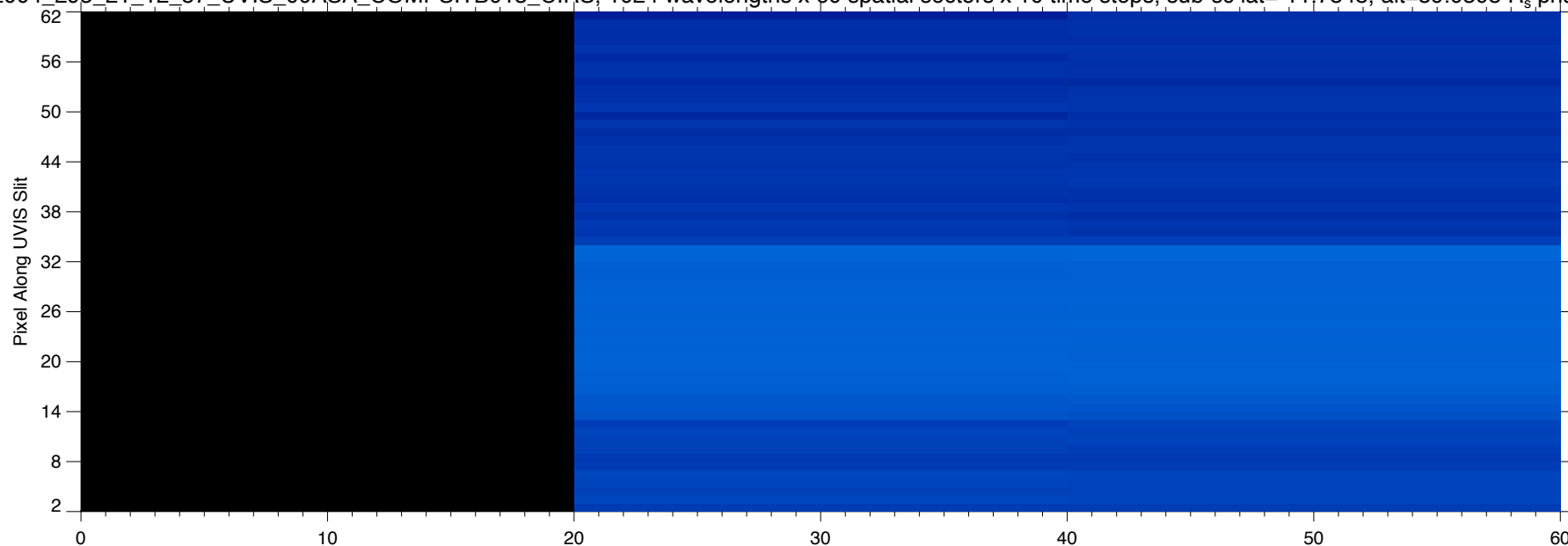
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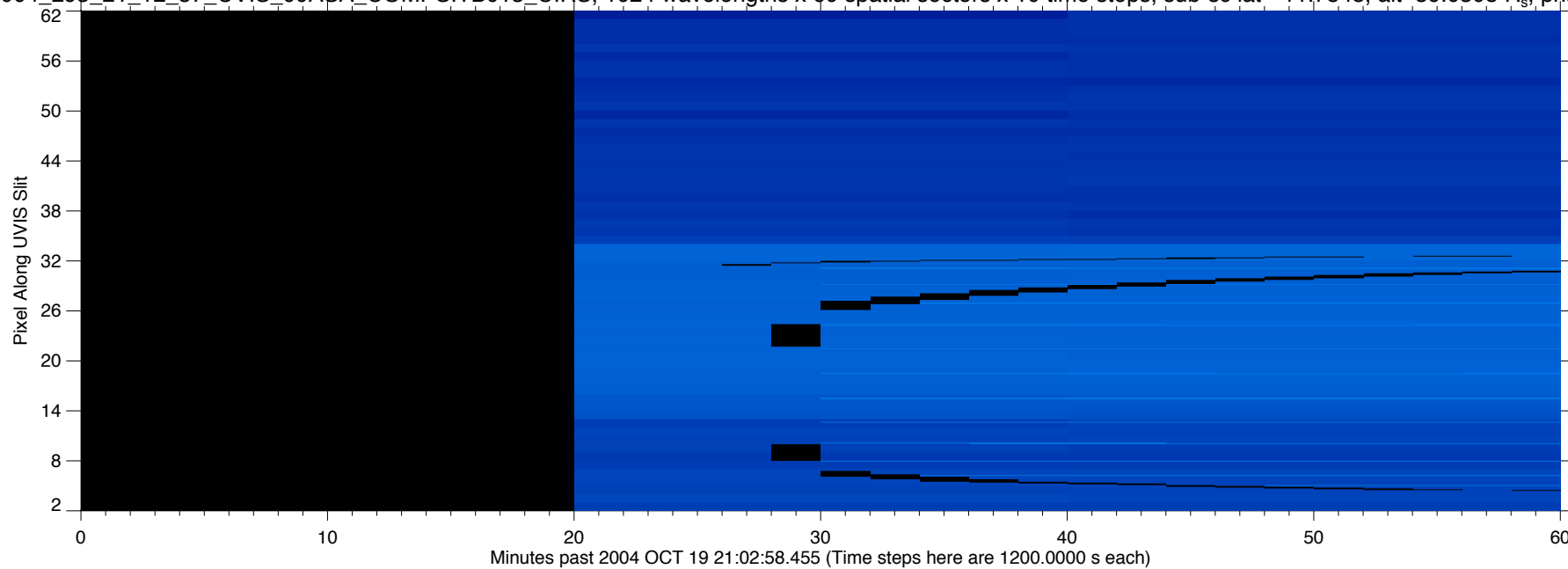
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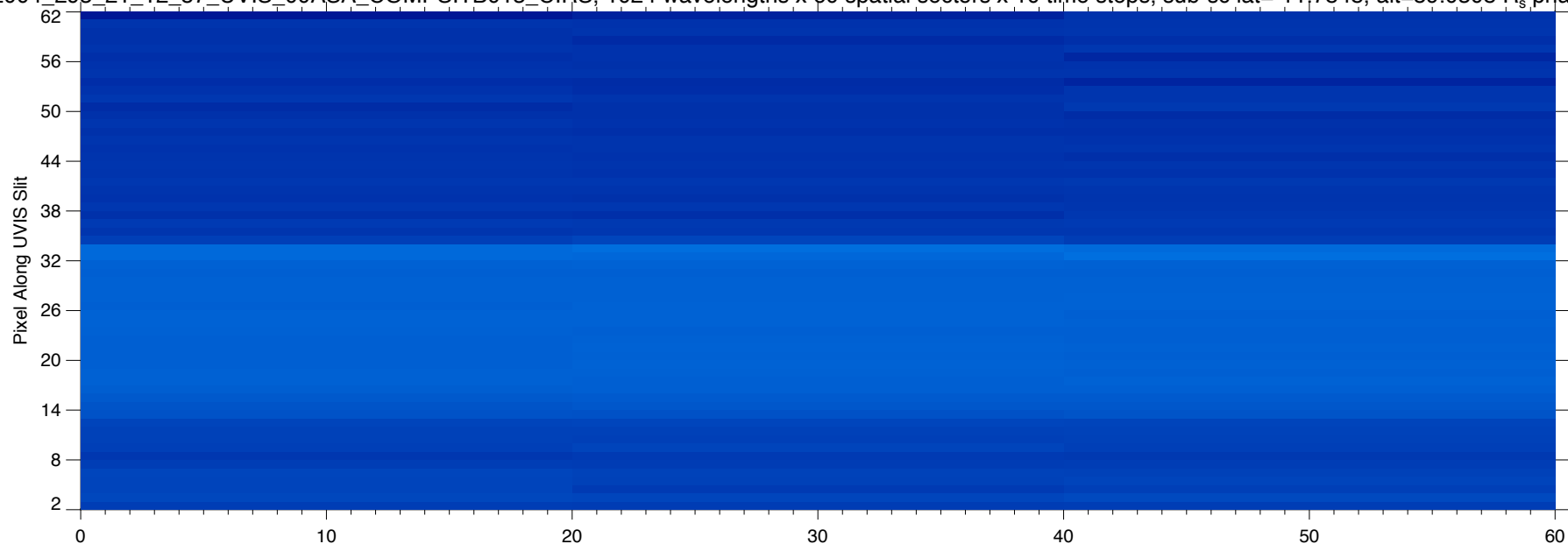
FUV2004_293_21_12_57_UVIS_00ASA_COMPSITB013_CIRS, 1024 wavelengths x 60 spatial sectors x 10 time steps, sub-sc lat=-11.7848, alt=59.0308 R_s, phase=58.9597



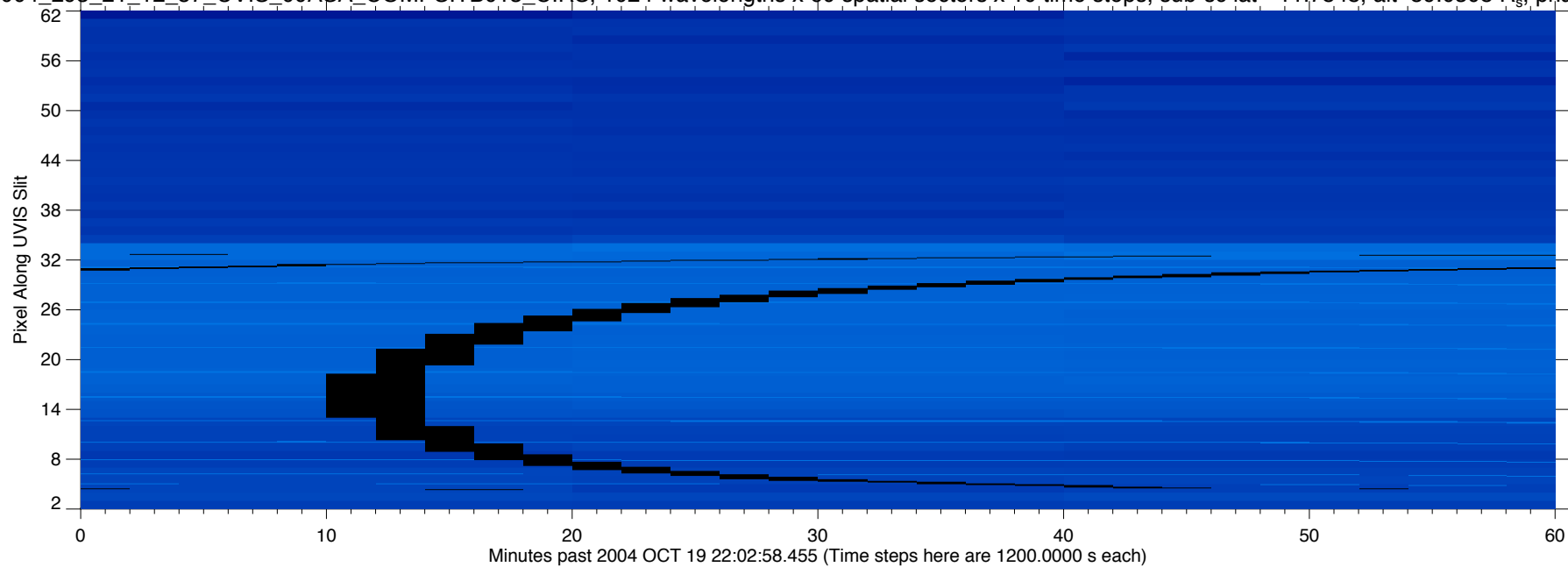
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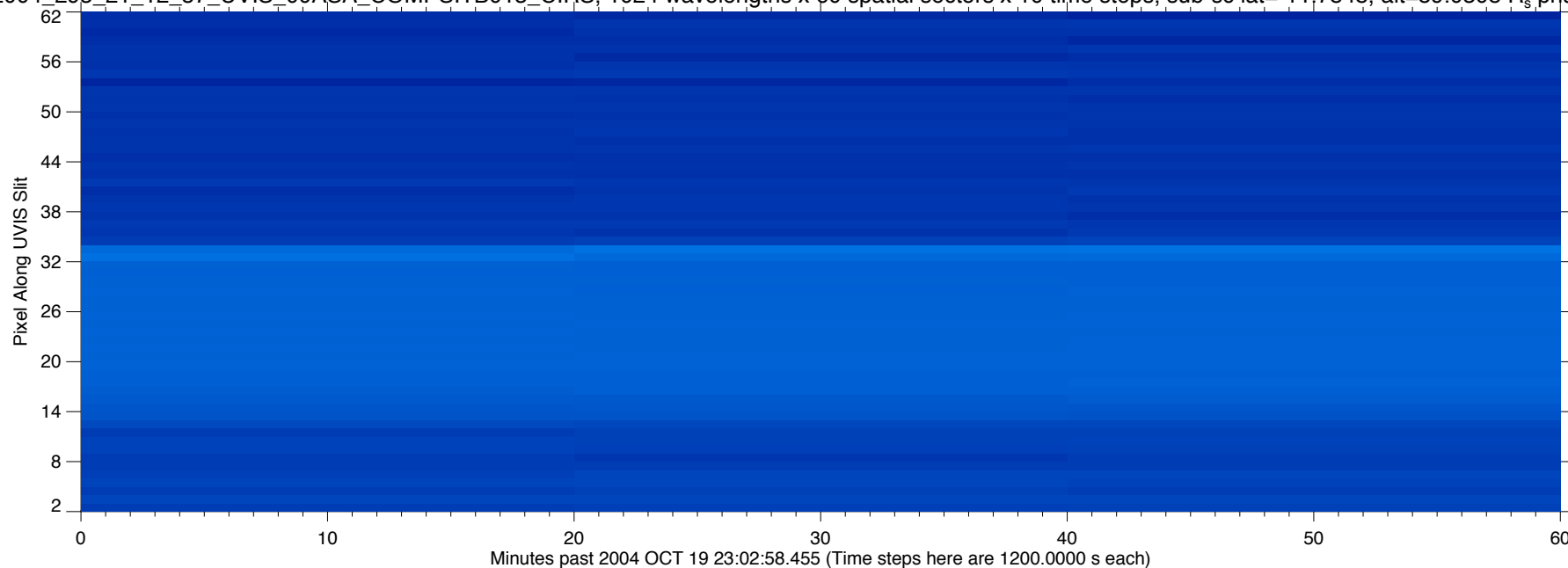
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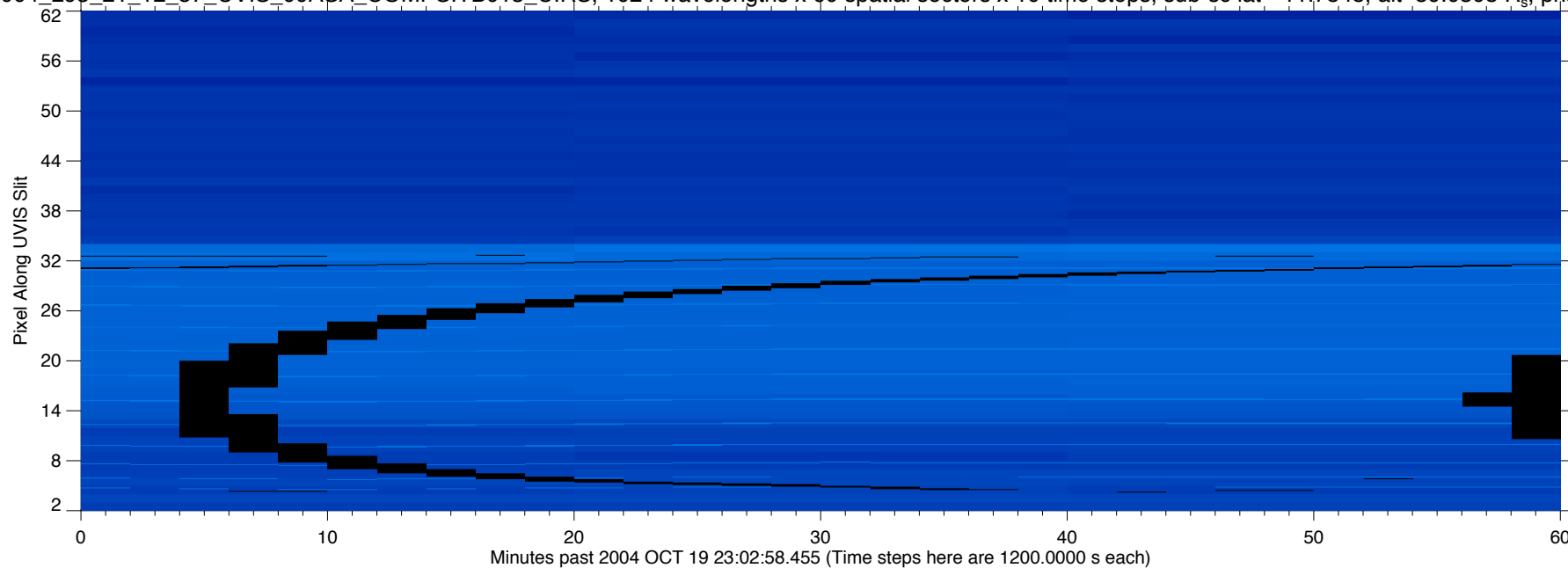
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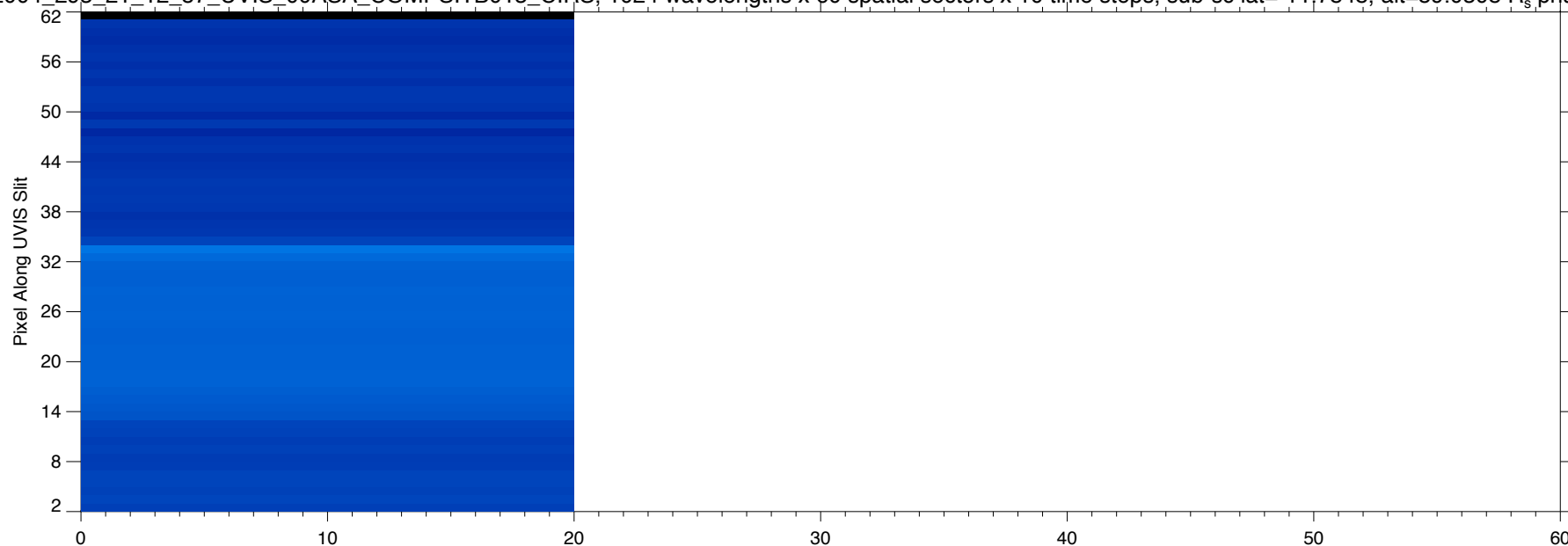
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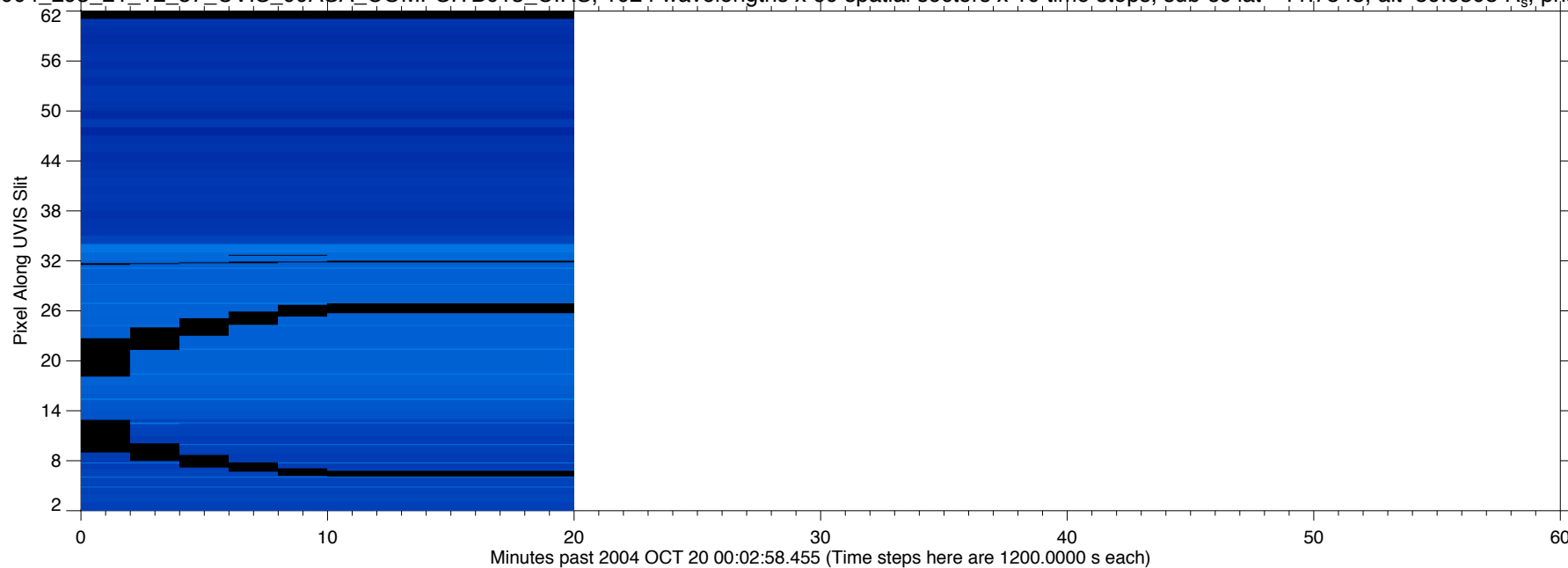
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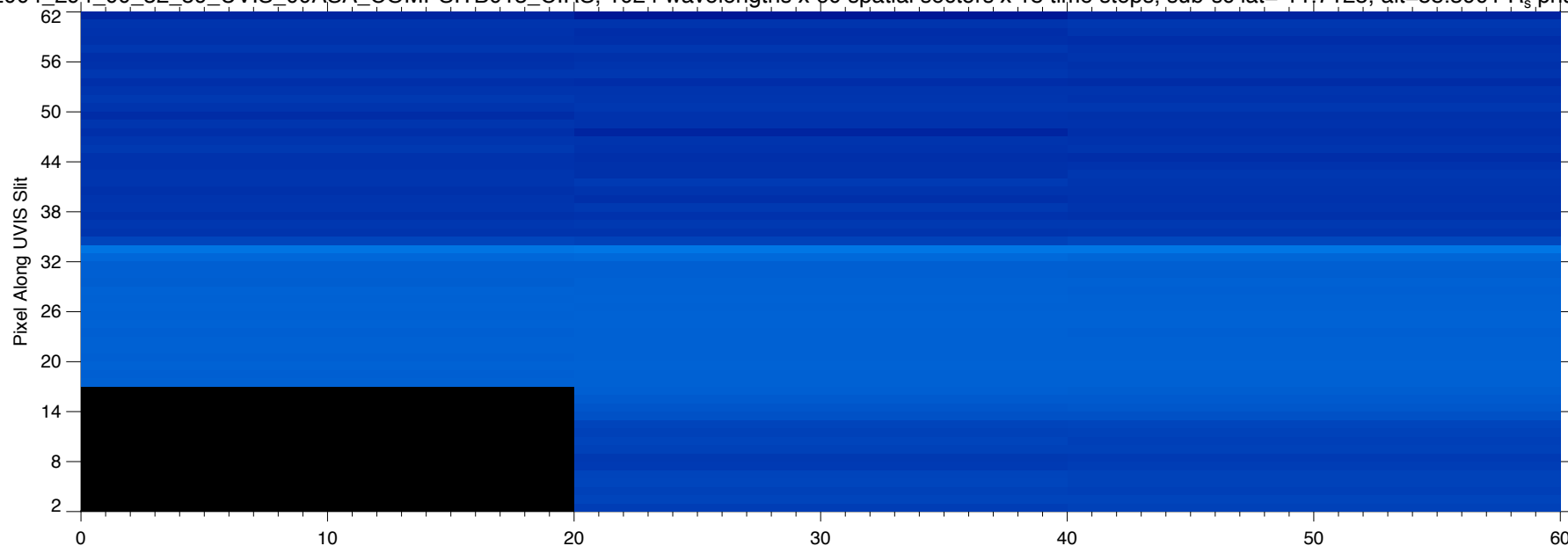
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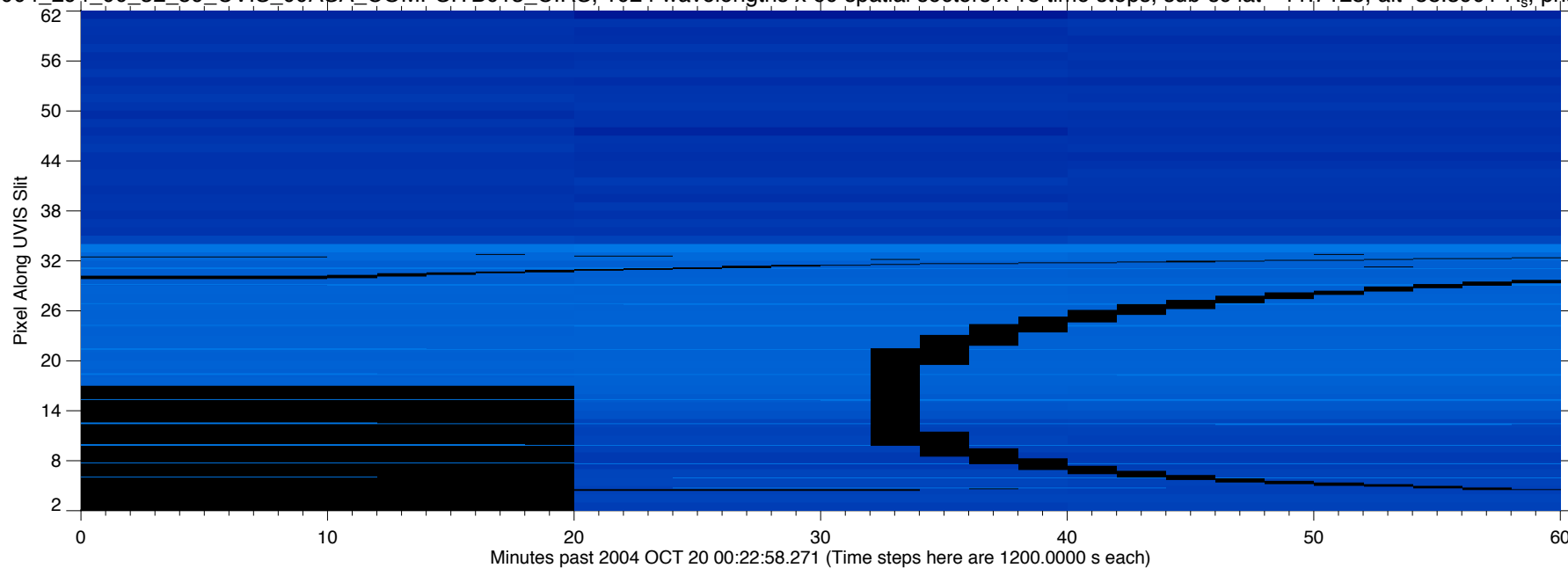
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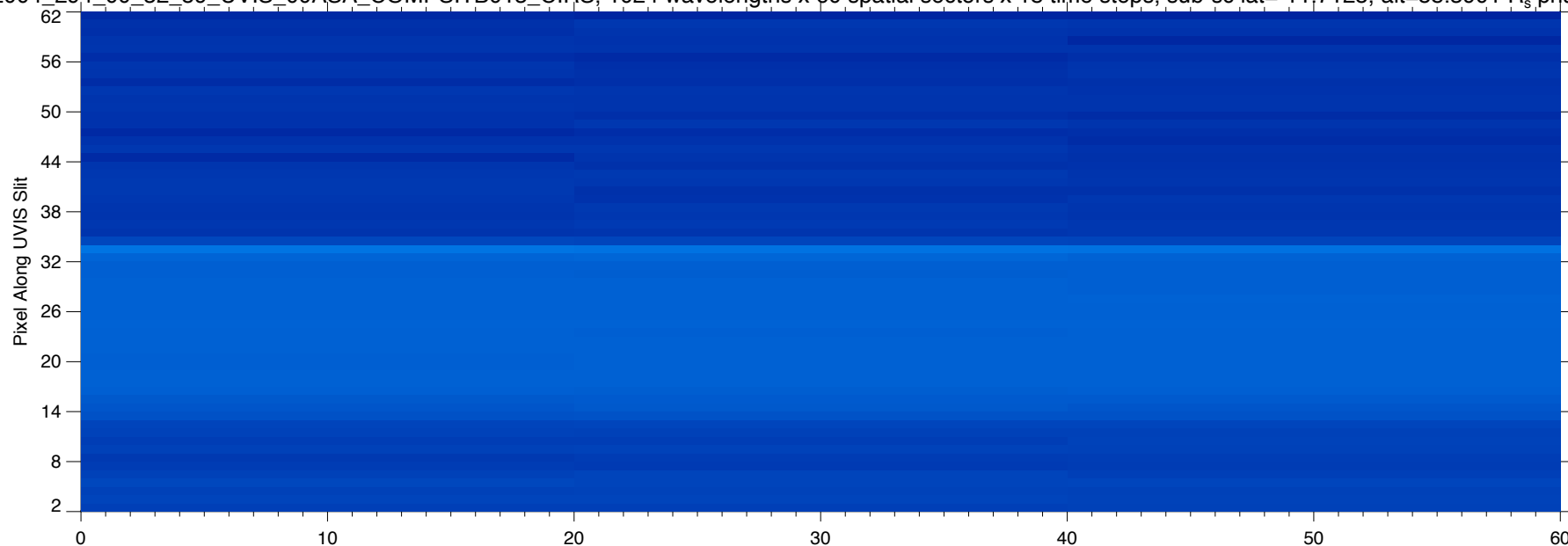
FUV2004_294_00_32_59_UVIS_00ASA_COMPSITB013_CIRS, 1024 wavelengths x 60 spatial sectors x 18 time steps, sub-sc lat=-11.7125, alt=58.3901 R_s, phase=58.7006



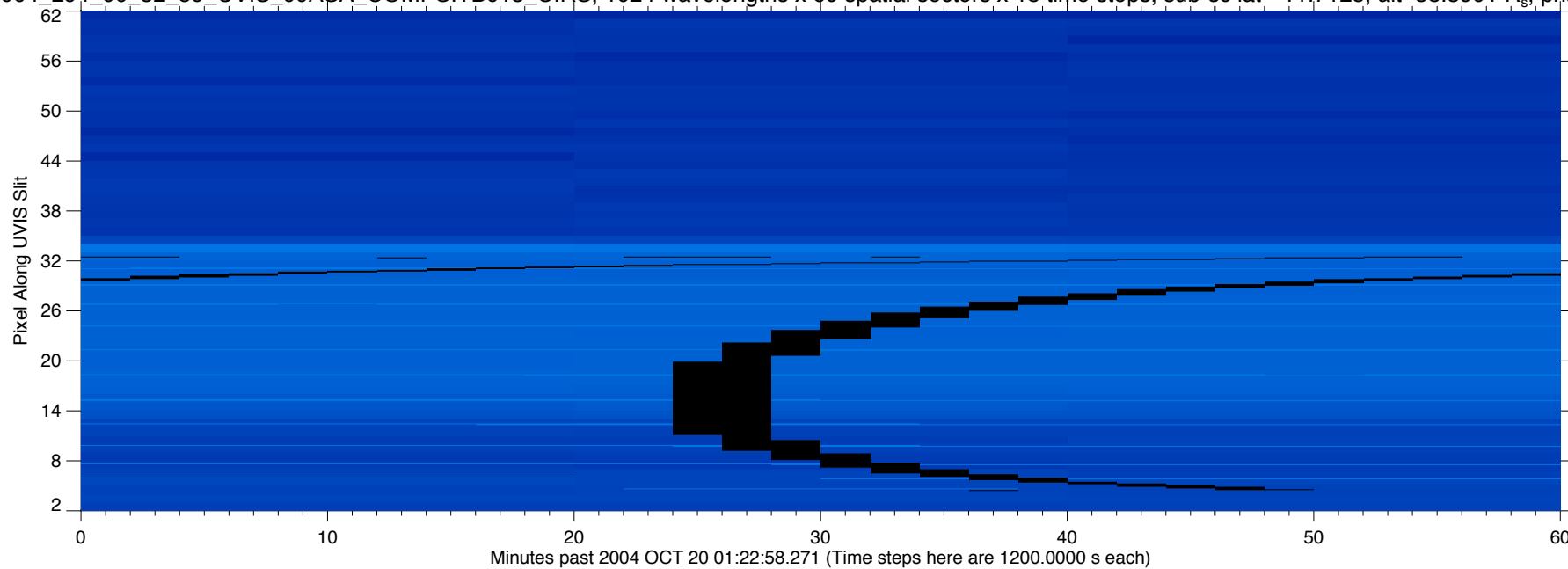
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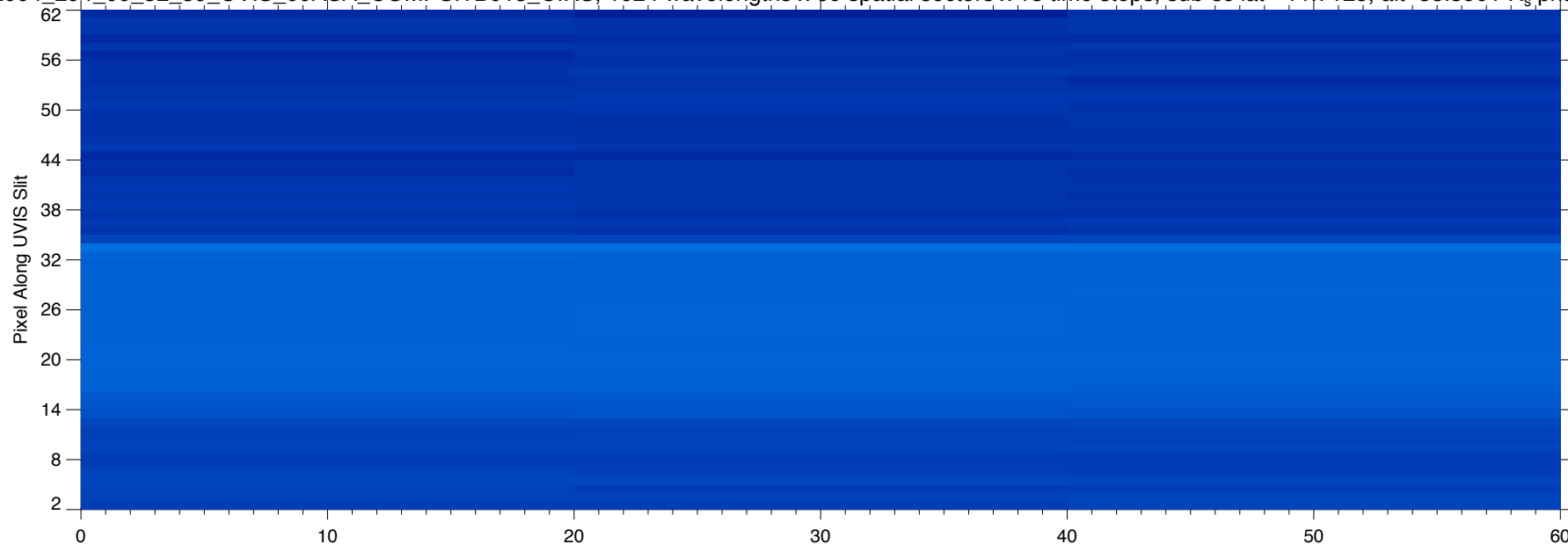
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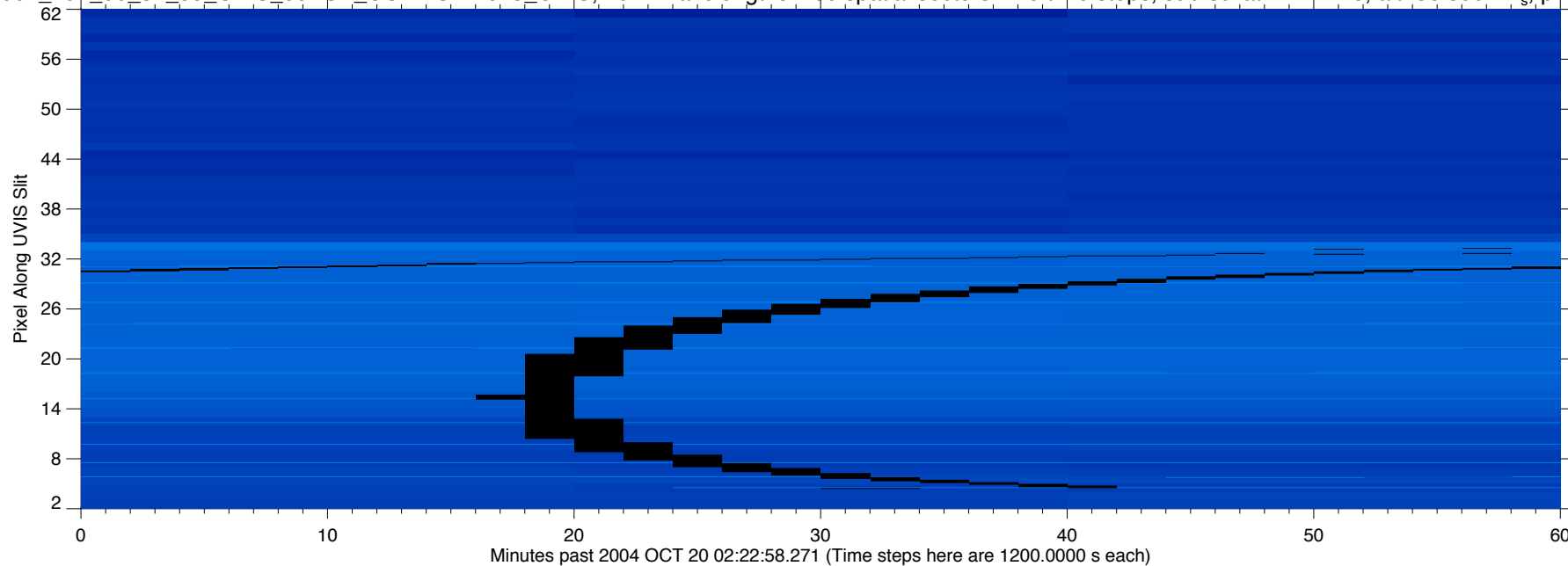
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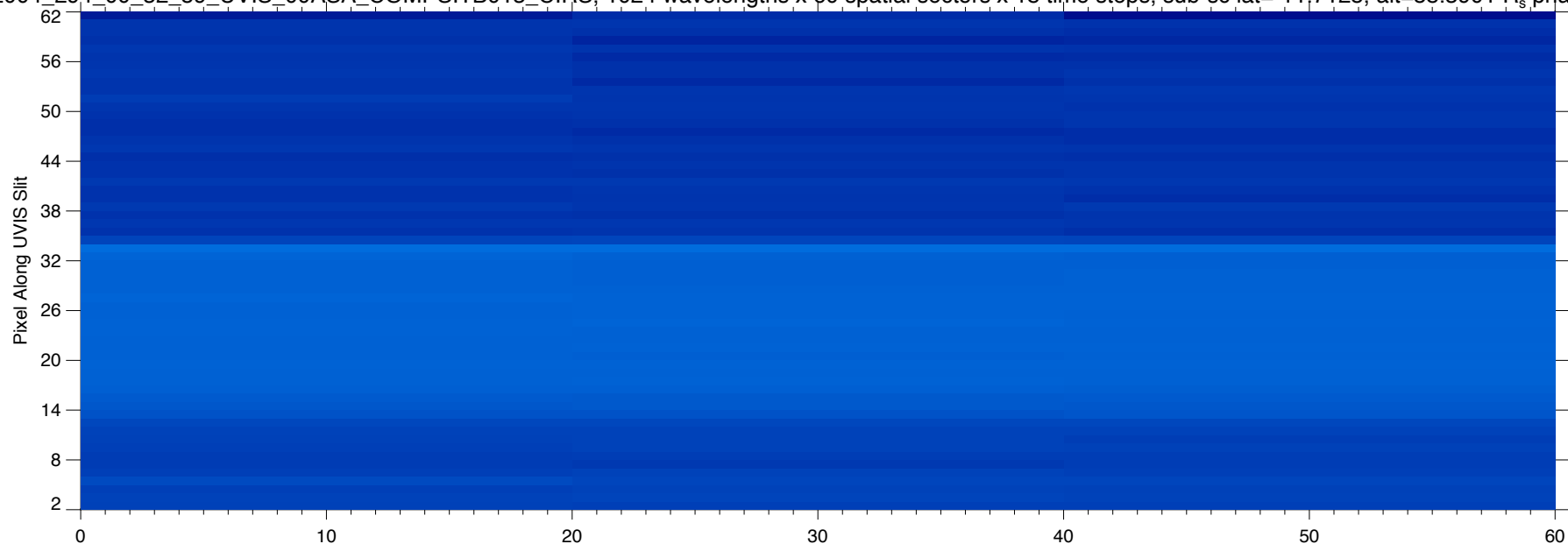
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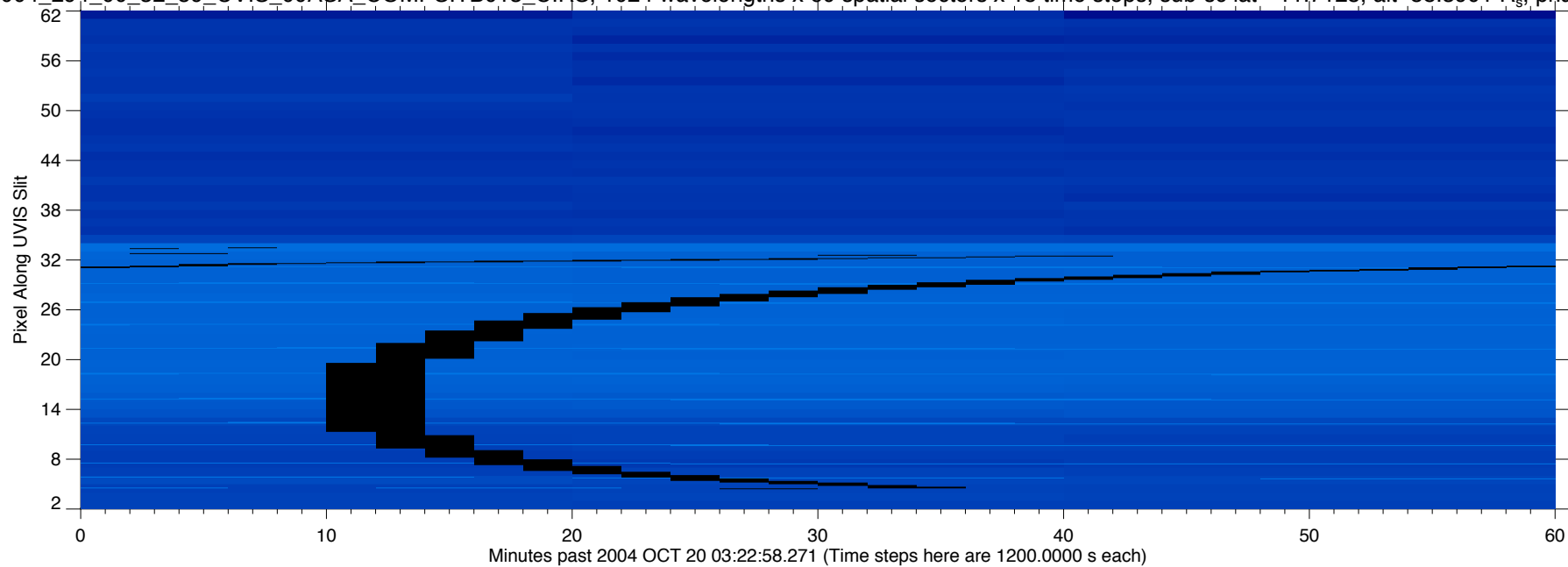
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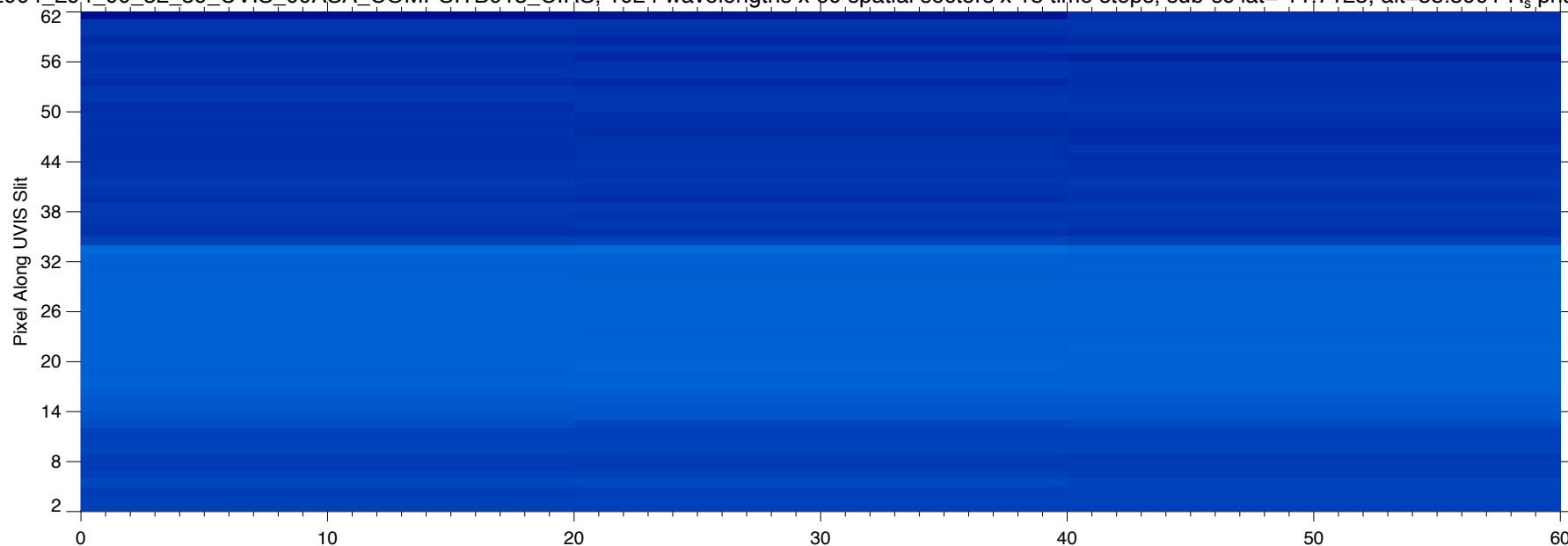
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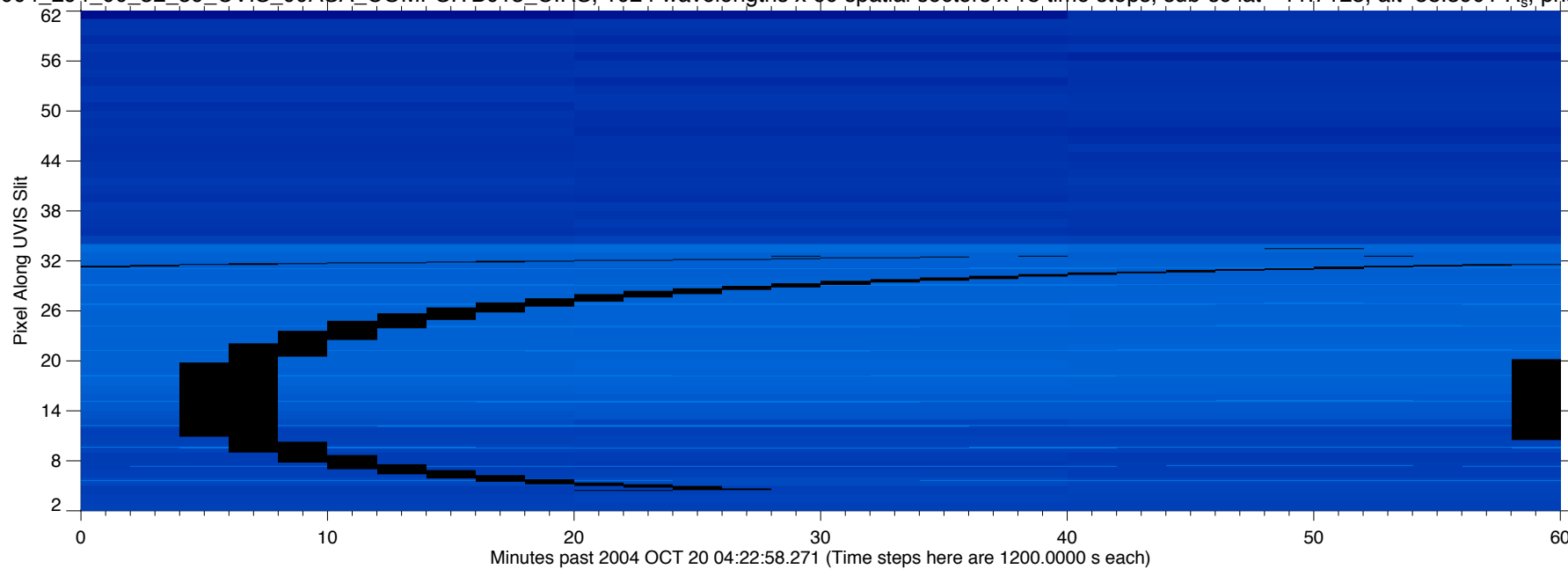
FUV2004_294_00_32_59_UVIS_00ASA_COMPSITB013_CIRS, 1024 wavelengths x 60 spatial sectors x 18 time steps, sub-sc lat=-11.7125, alt=58.3901 R_s, phase=58.7006



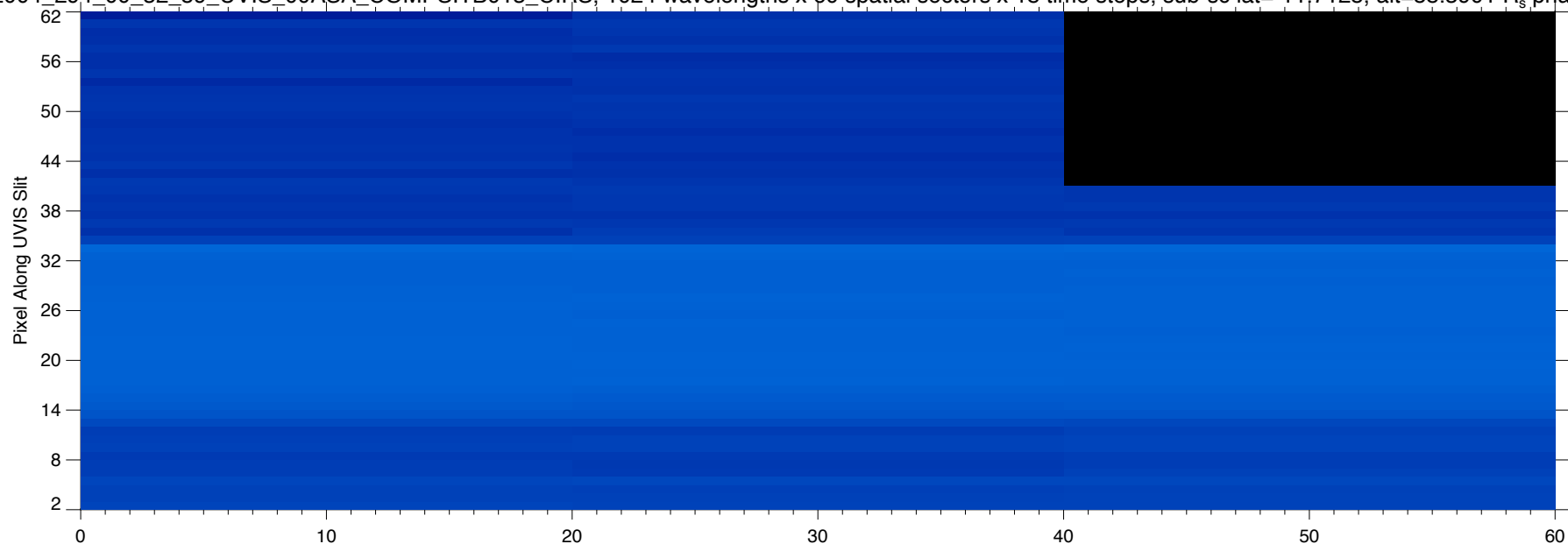
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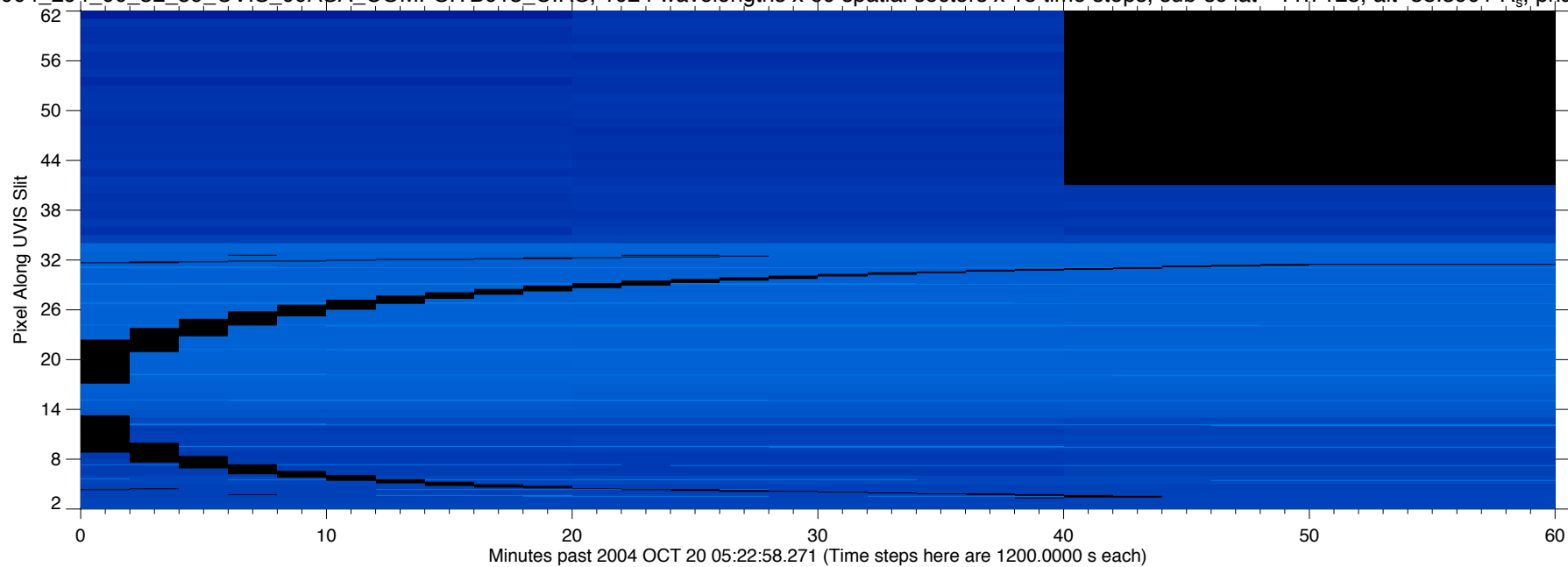
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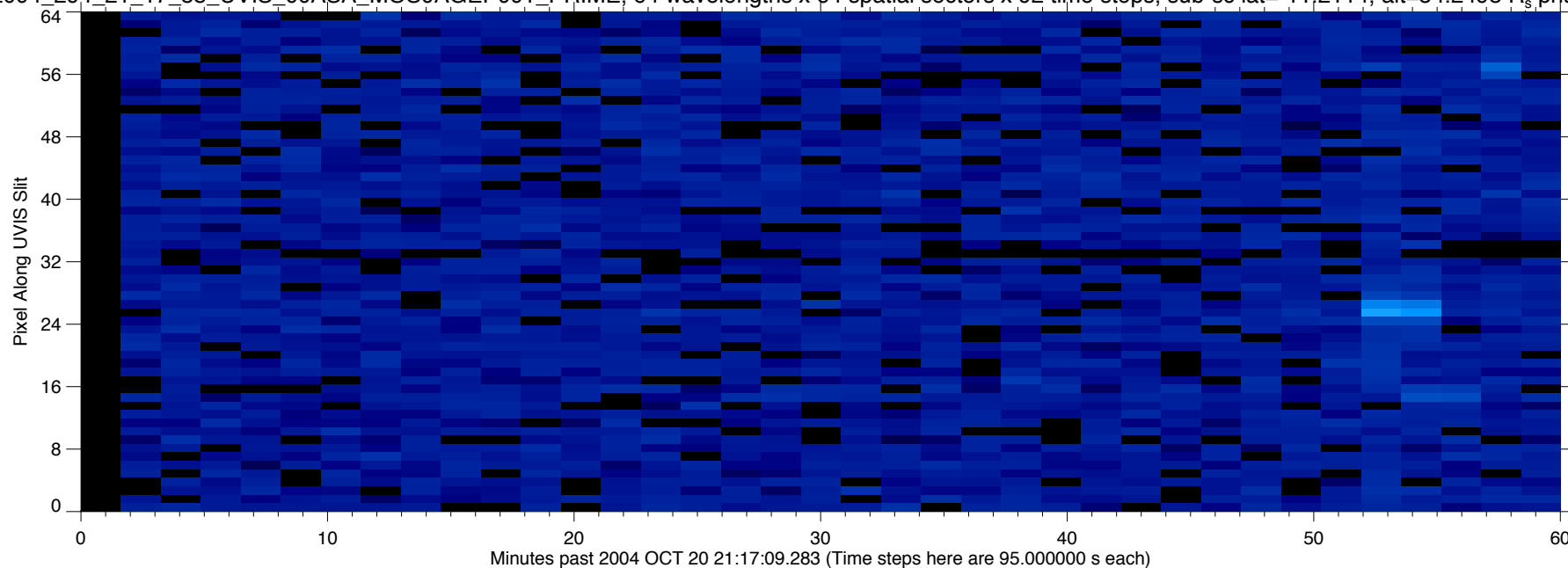
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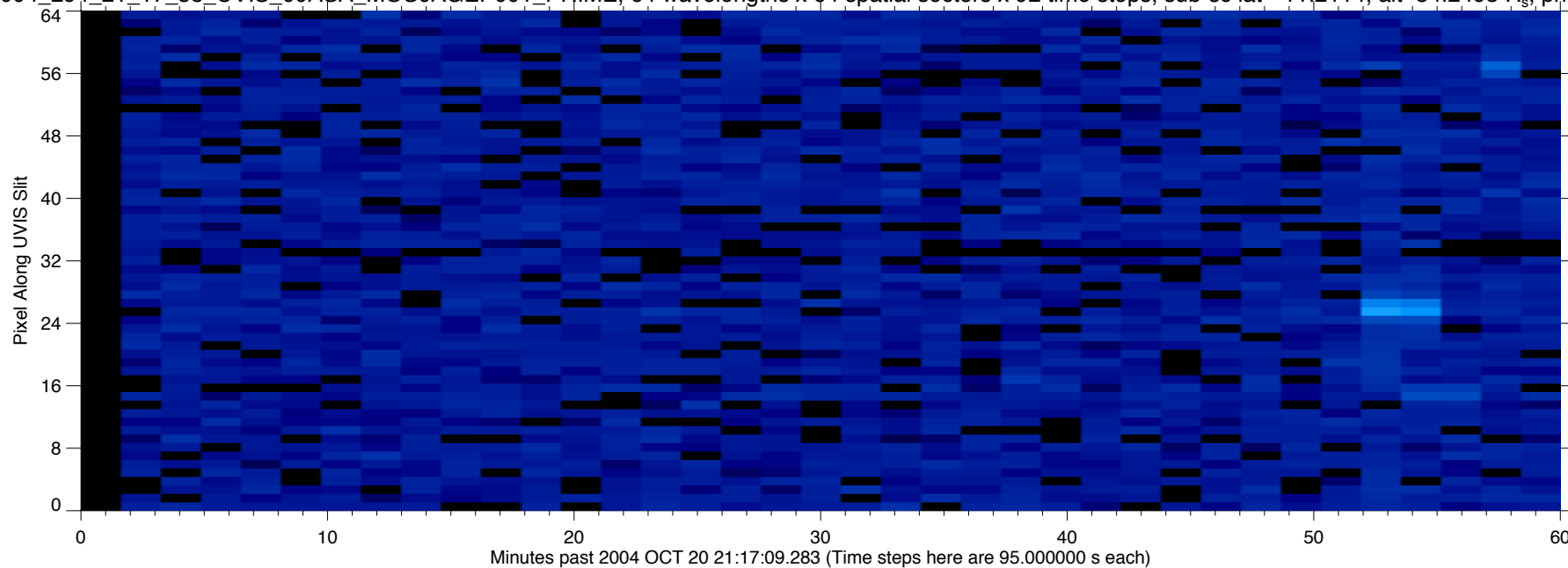
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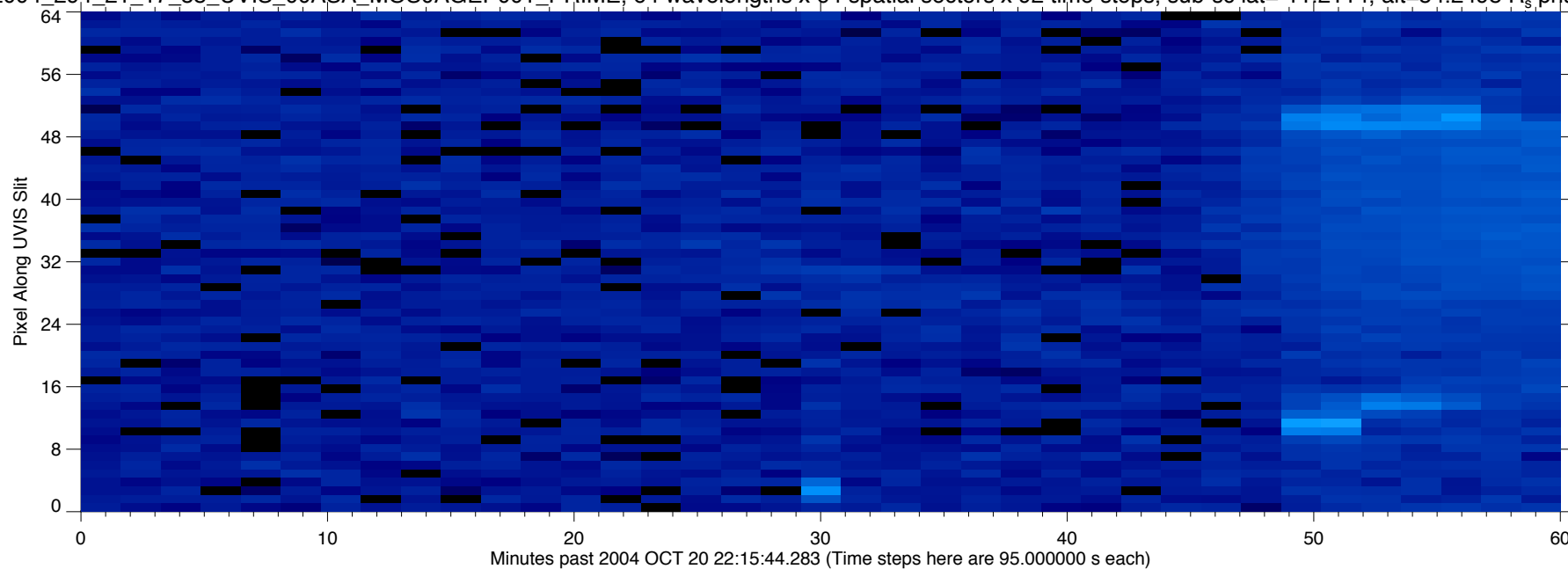
FUV2004_294_21_17_58_UVIS_00ASA_MOS0AGEP001_PRIME, 64 wavelengths x 64 spatial sectors x 92 time steps, sub-sc lat=-11.2114, alt=54.2498 R_s, phase=56.9422



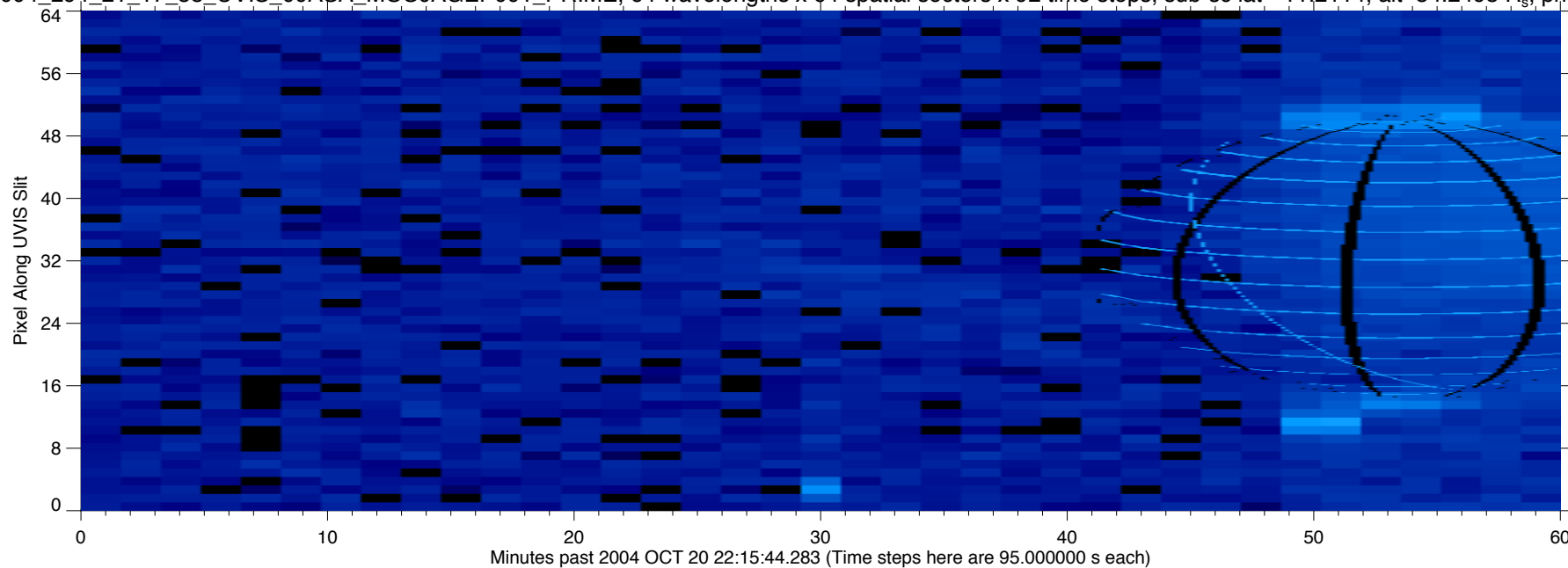
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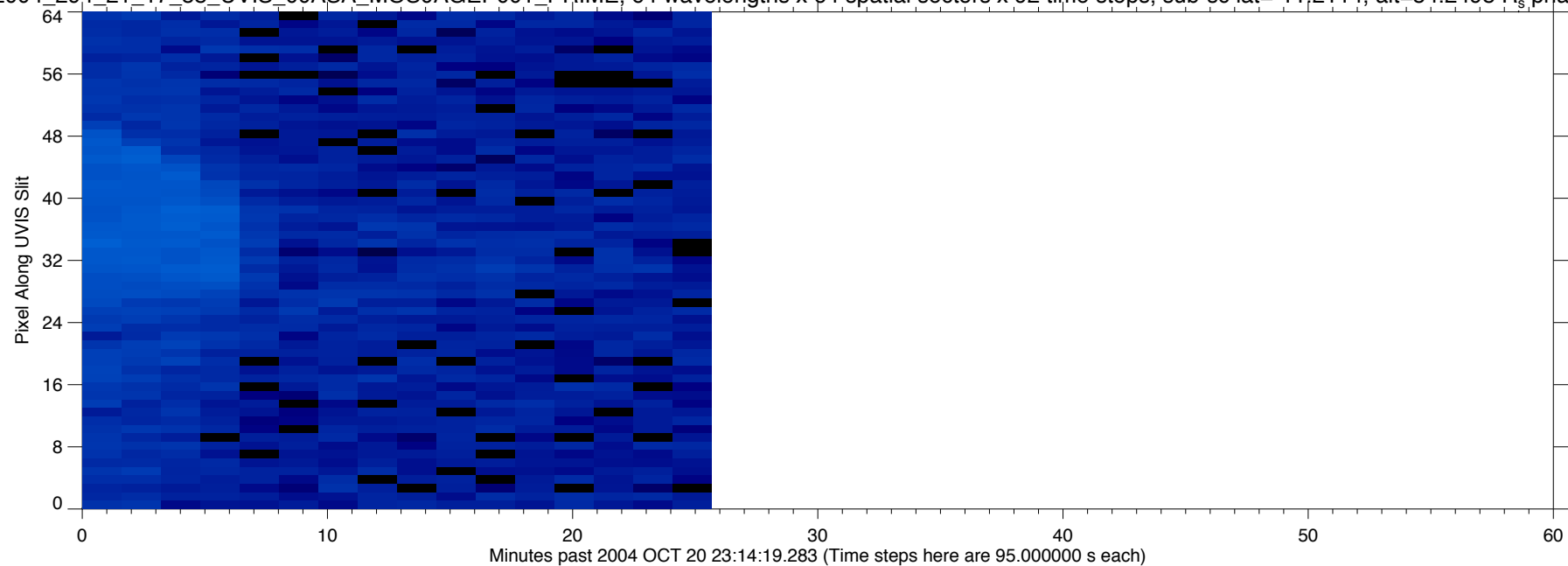
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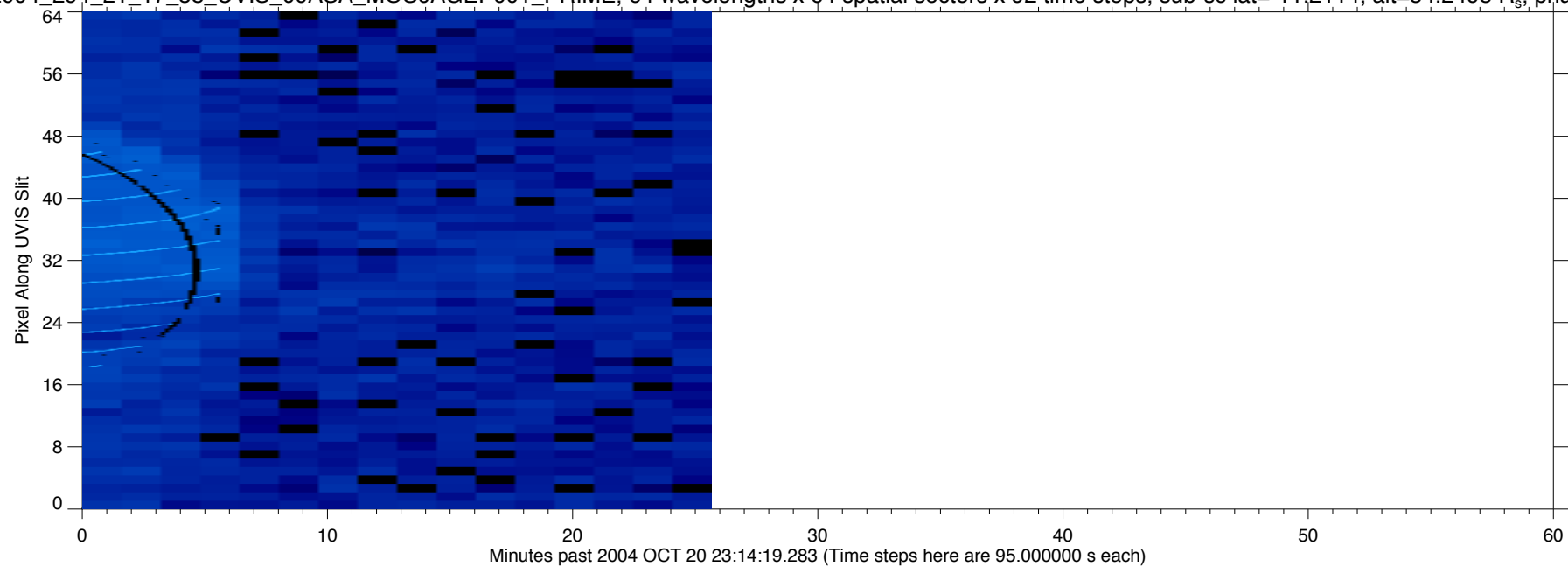
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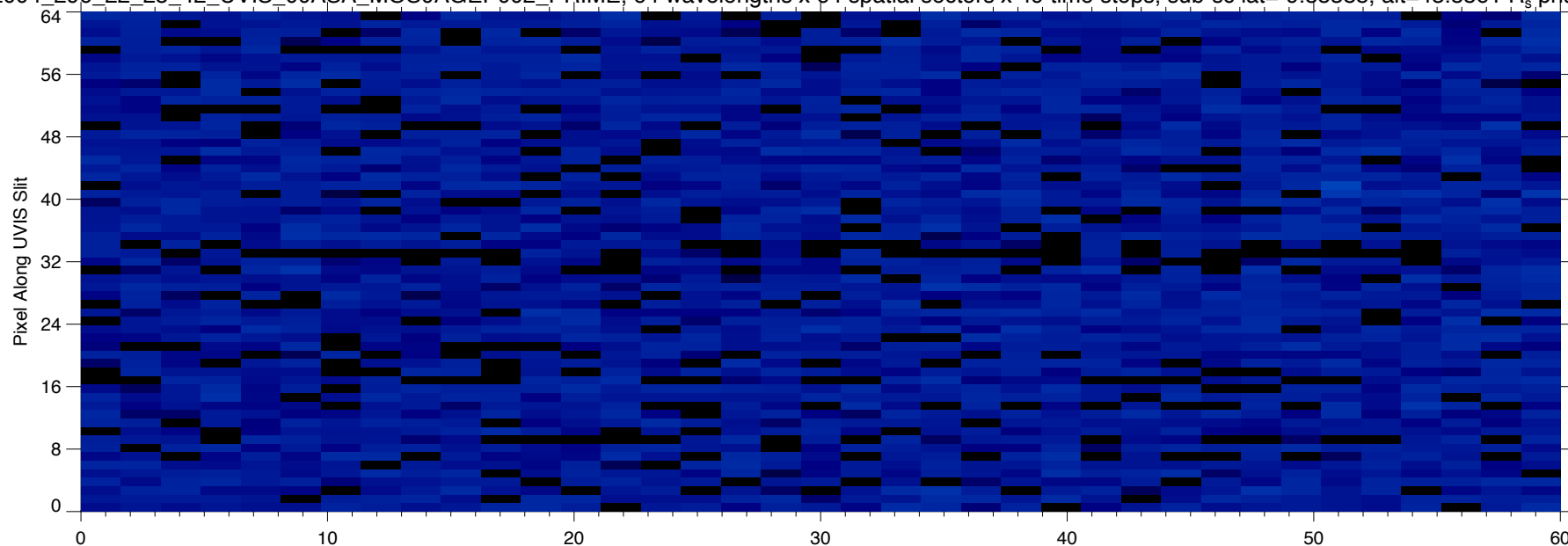
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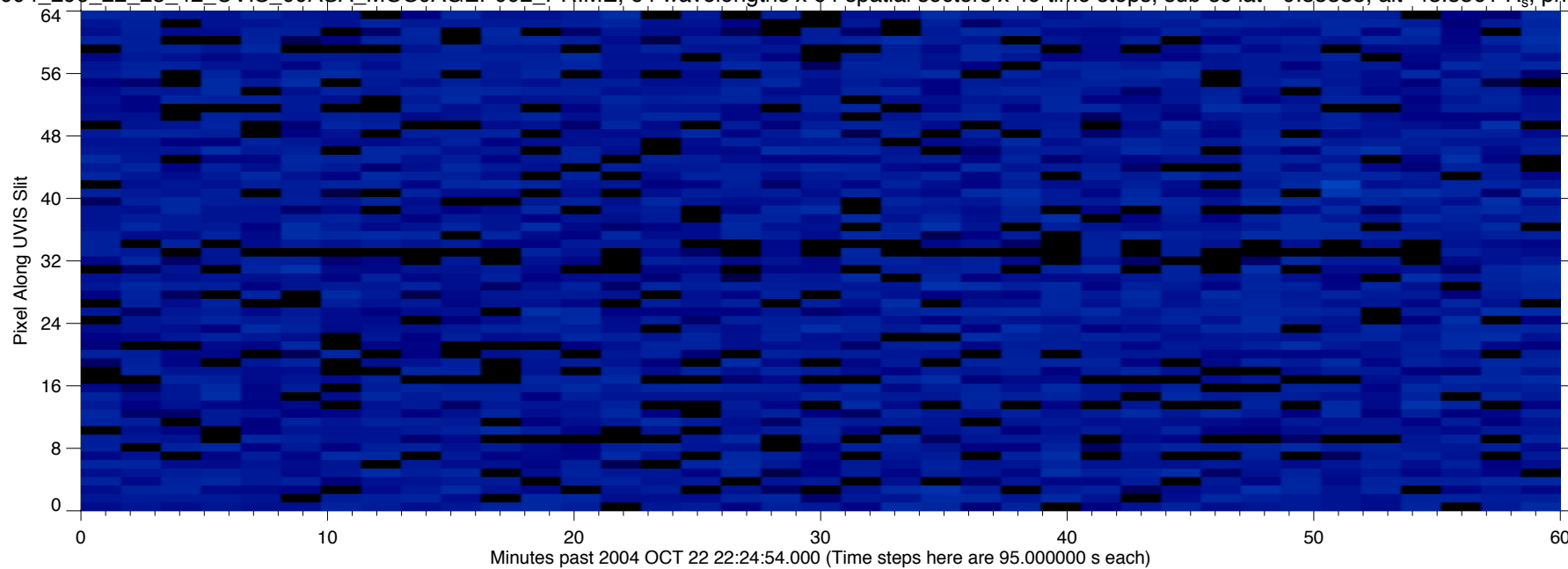
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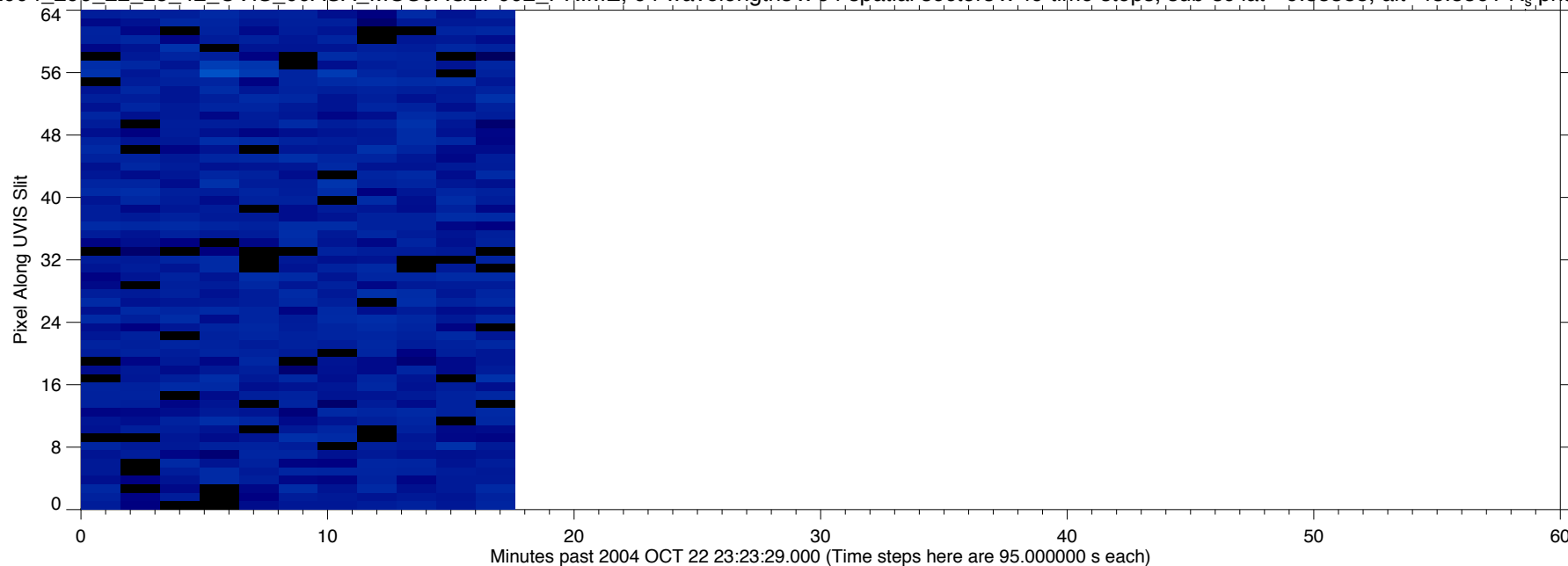
FUV2004_296_22_25_42_UVIS_00ASA_MOS0AGEP002_PRIME, 64 wavelengths x 64 spatial sectors x 49 time steps, sub-sc lat=-9.55388, alt=43.5561 R_s, phase=51.5485



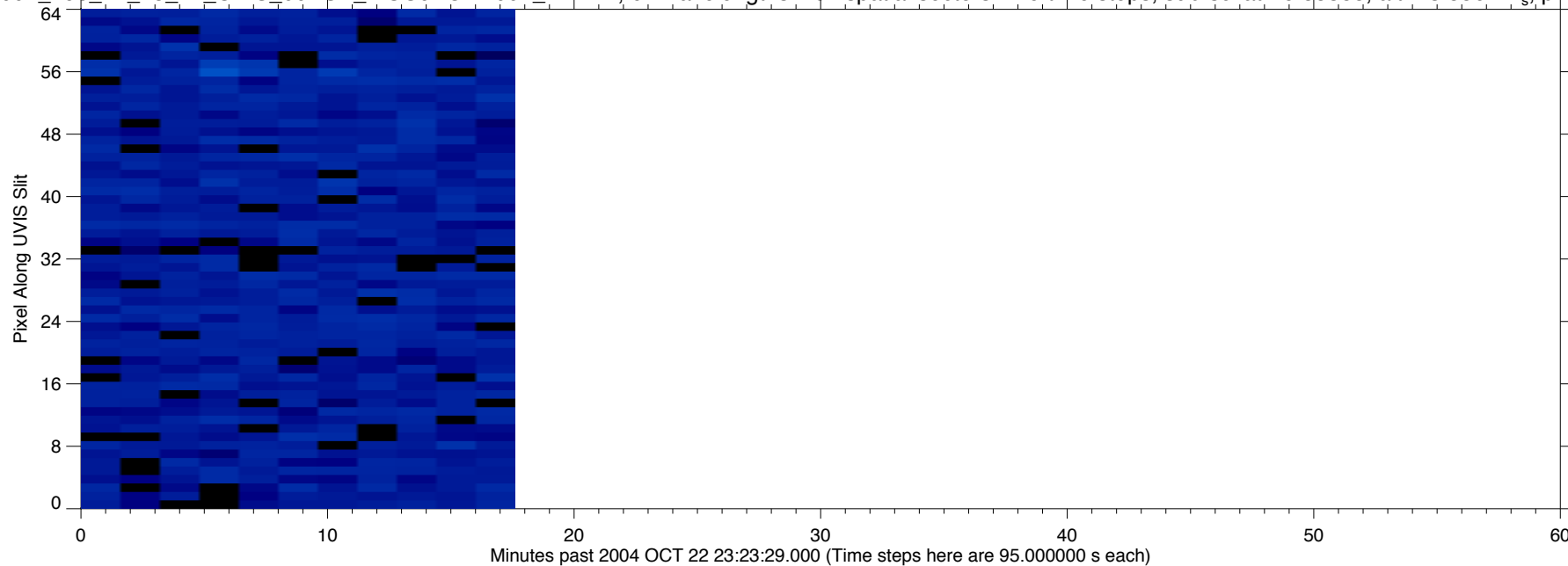
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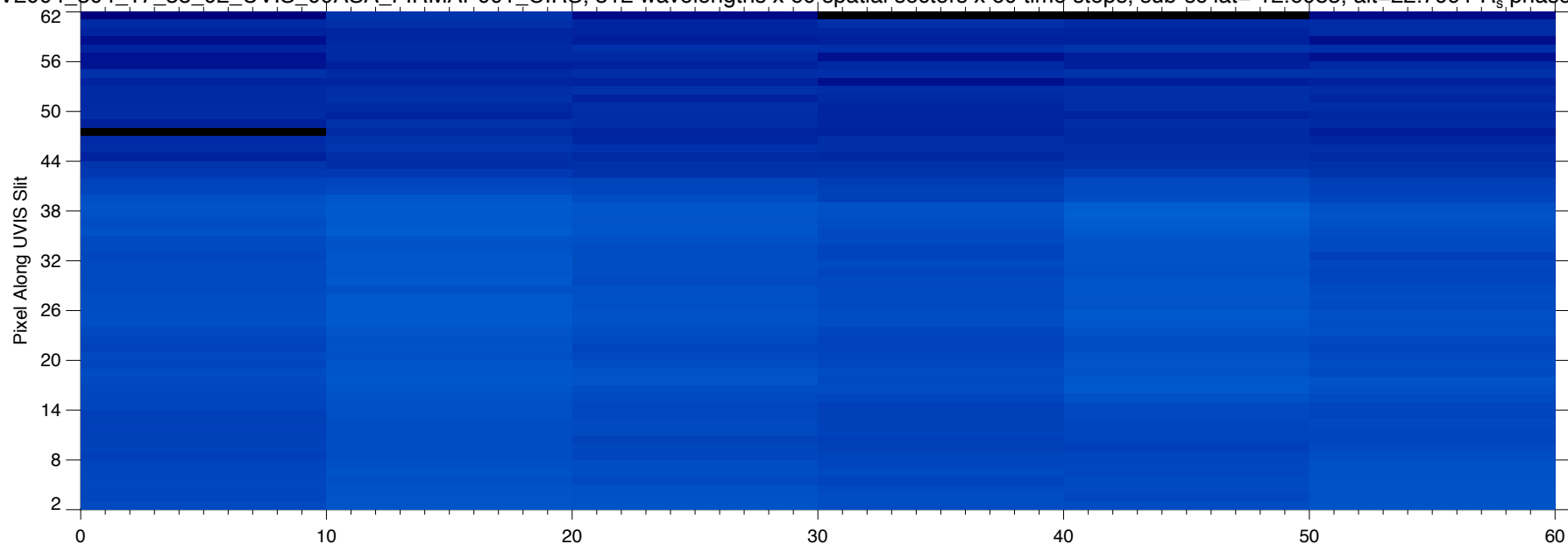
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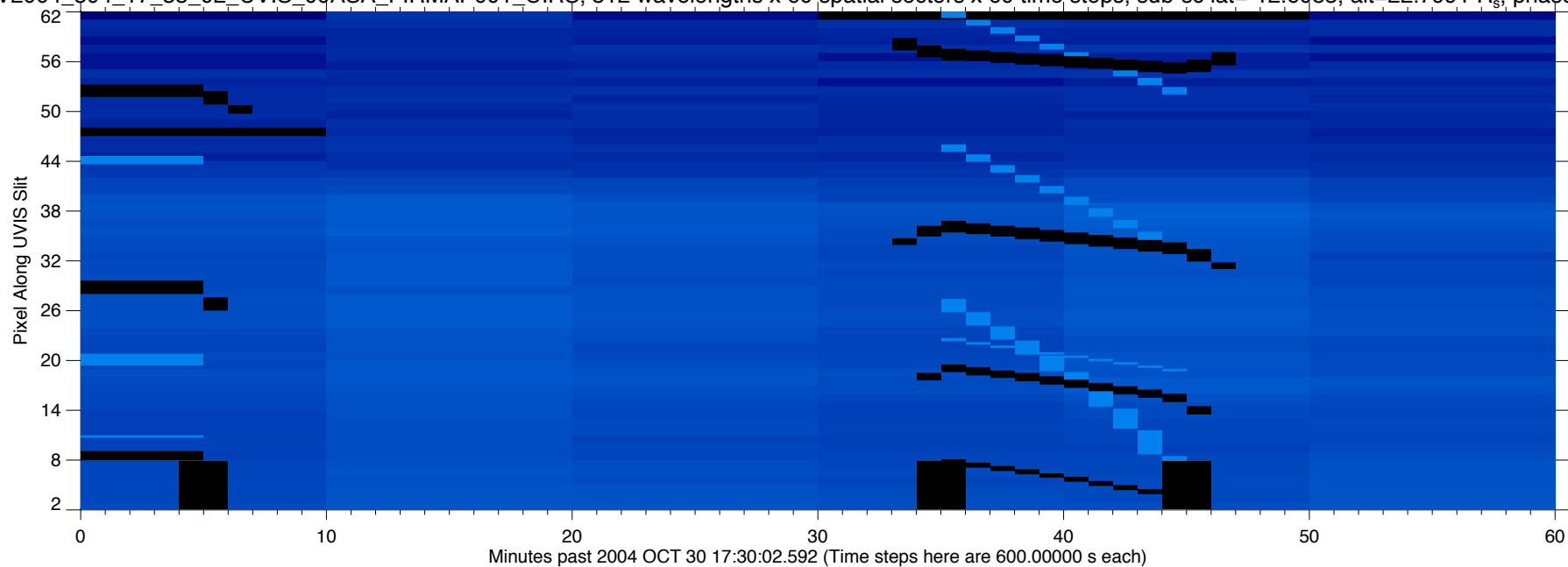
FUV2004_296_22_25_42_UVIS_00ASA_MOS0AGEP002_PRIME, 64 wavelengths x 64 spatial sectors x 49 time steps, sub-sc lat=-9.55388, alt=43.5561 R_s, phase=51.5485



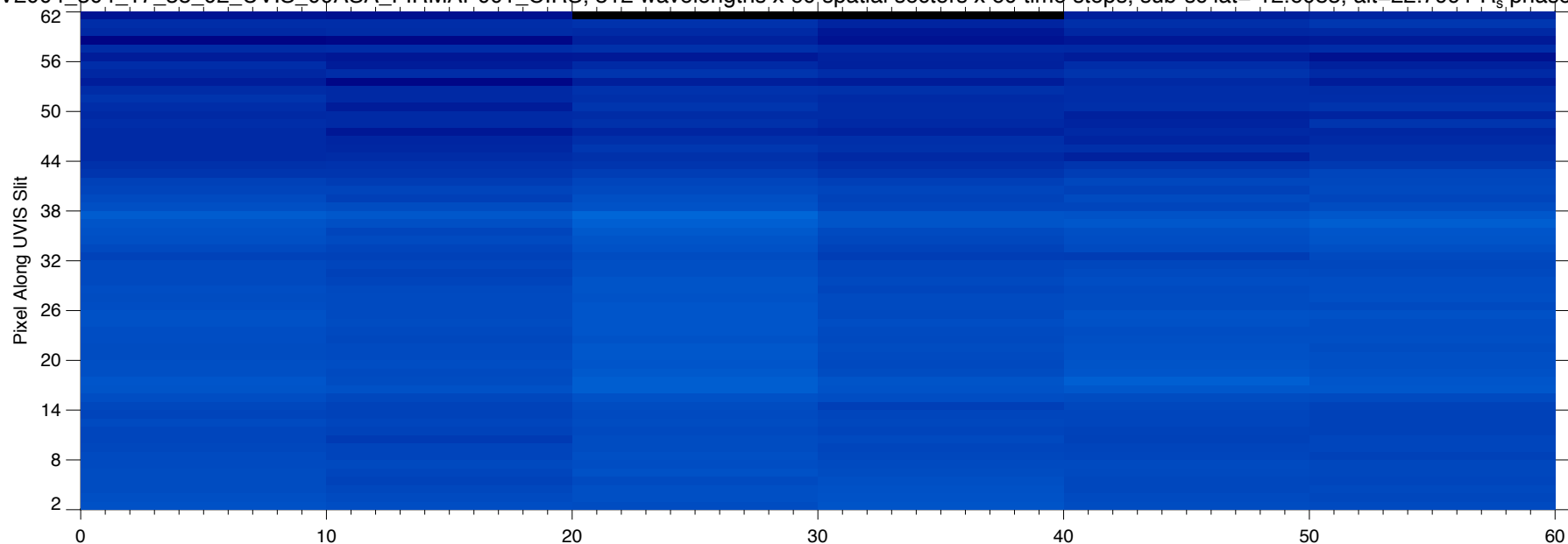
FUV2004_304_17_35_02_UVIS_00ASA_FIRMAP001_CIRS, 512 wavelengths x 60 spatial sectors x 60 time steps, sub-sc lat=-12.6083, alt=22.7991 R_s, phase=122.431



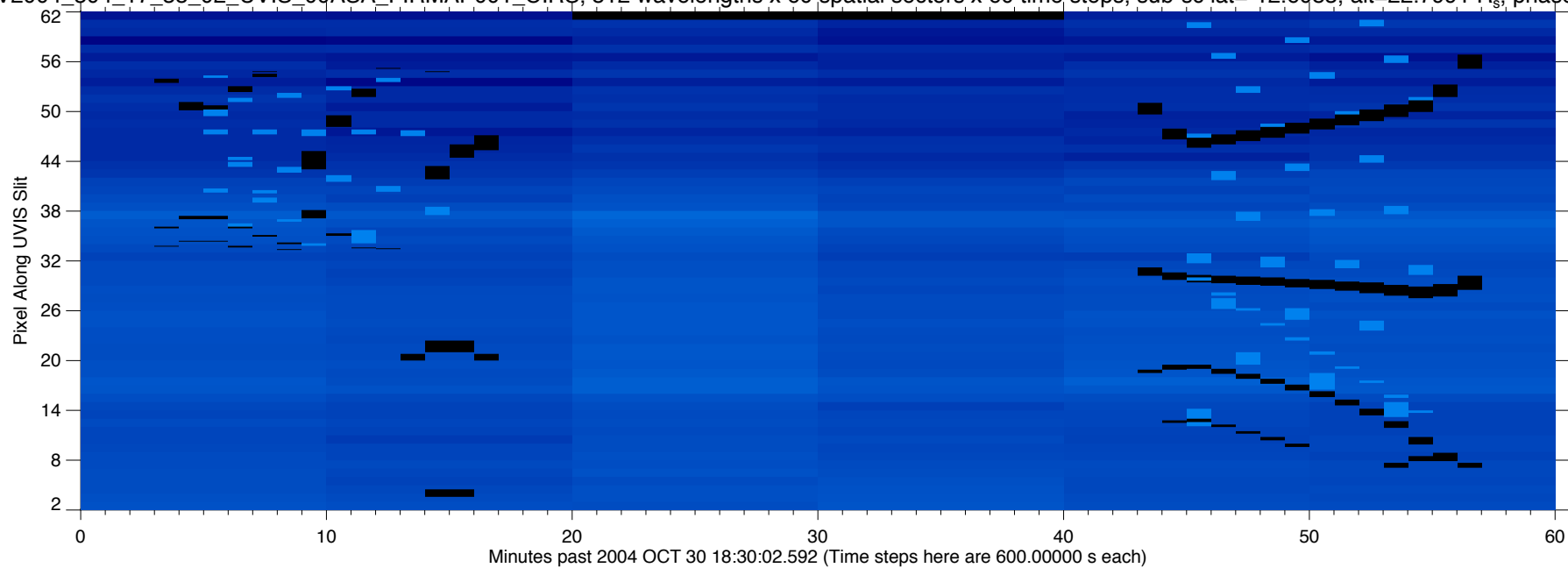
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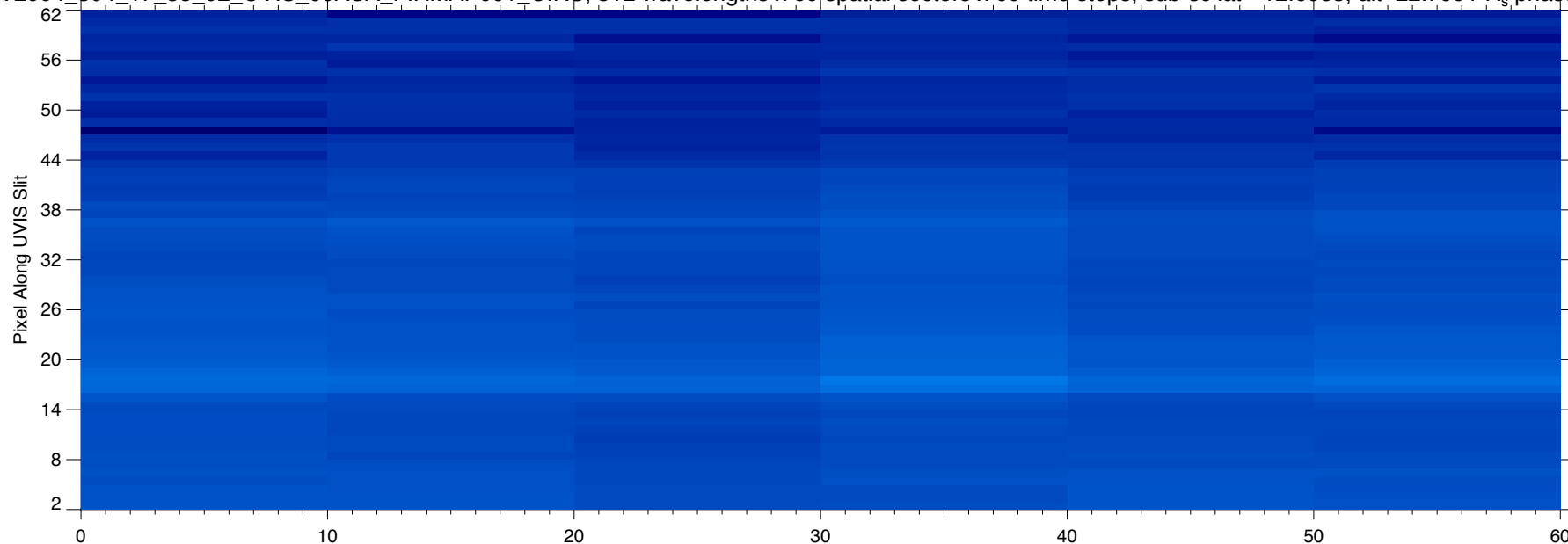
FUV2004_304_17_35_02_UVIS_00ASA_FIRMAP001_CIRS, 512 wavelengths x 60 spatial sectors x 60 time steps, sub-sc lat=-12.6083, alt=22.7991 R_s, phase=122.431



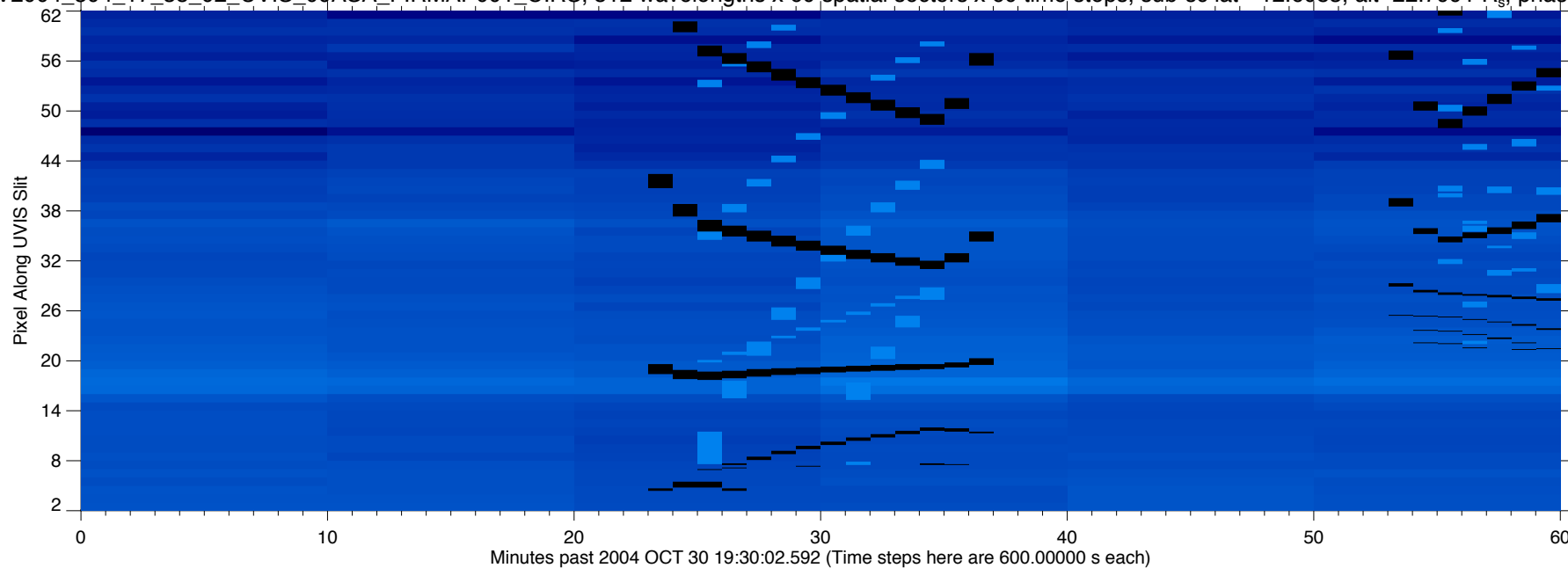
FUV2004_304_17_35_02_UVIS_00ASA_FIRMAP001_CIRS, 512 wavelengths x 60 spatial sectors x 60 time steps, sub-sc lat=-12.6083, alt=22.7991 R_s, phase=122.431



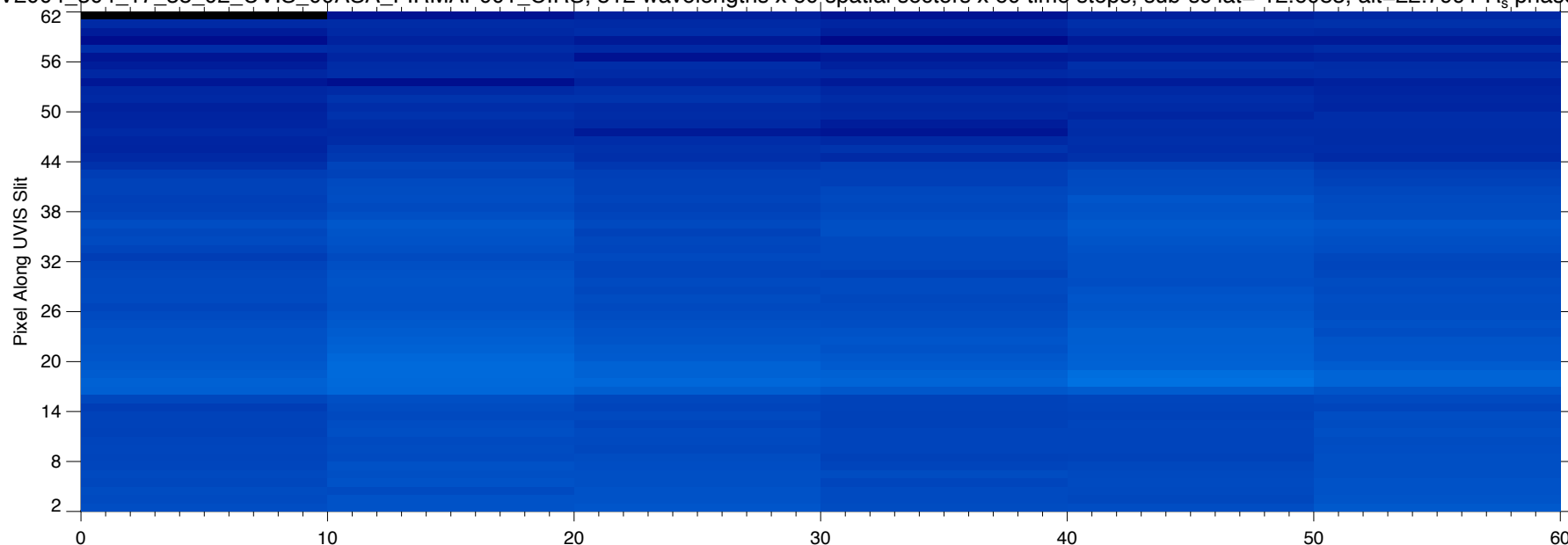
FUV2004_304_17_35_02_UVIS_00ASA_FIRMAP001_CIRS, 512 wavelengths x 60 spatial sectors x 60 time steps, sub-sc lat=-12.6083, alt=22.7991 R_s, phase=122.431



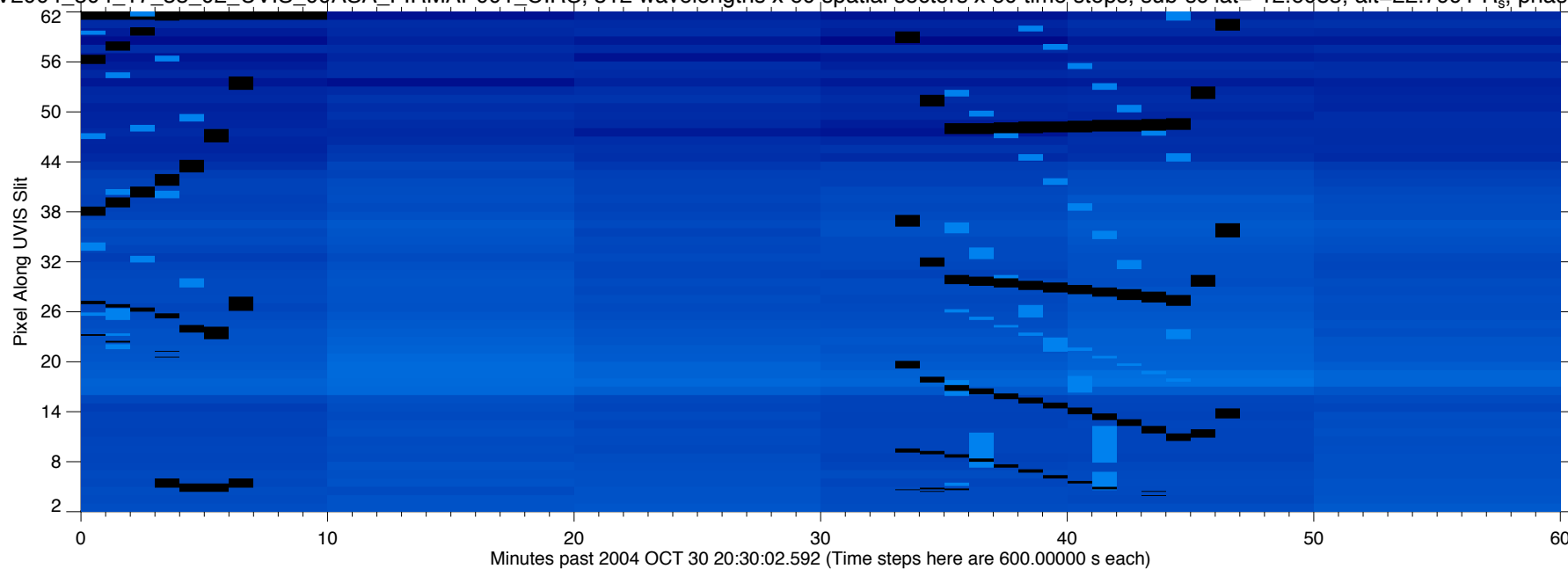
FUV2004_304_17_35_02_UVIS_00ASA_FIRMAP001_CIRS, 512 wavelengths x 60 spatial sectors x 60 time steps, sub-sc lat=-12.6083, alt=22.7991 R_s, phase=122.431



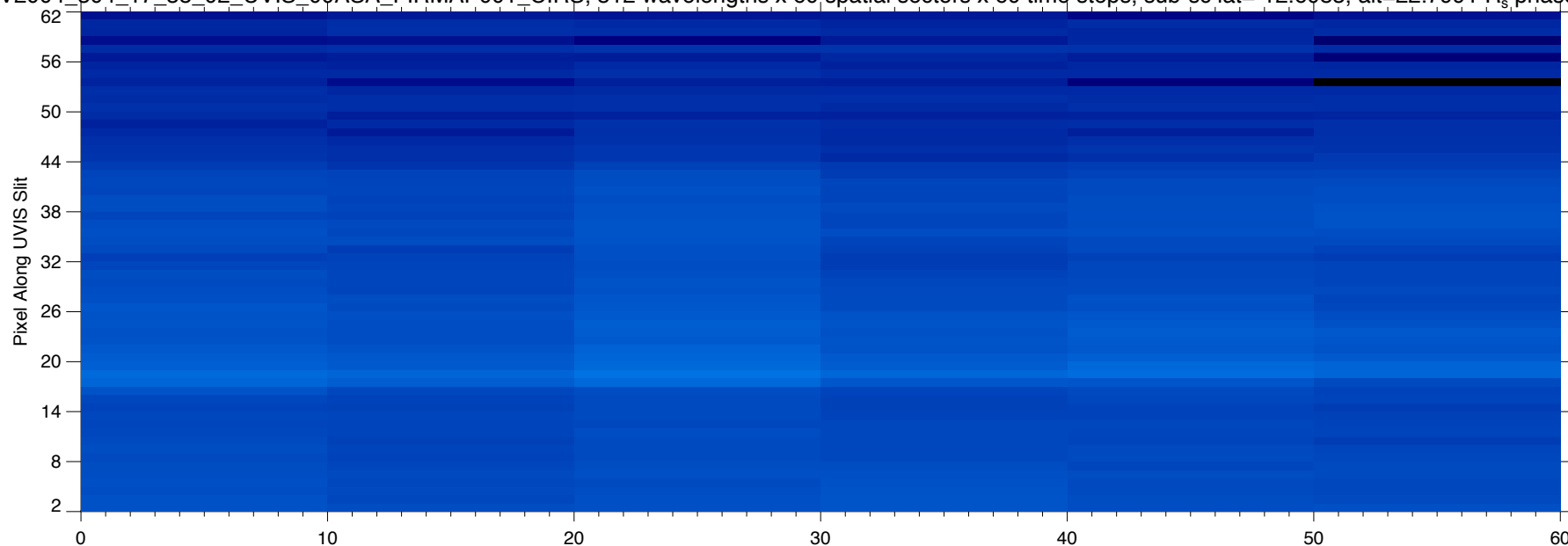
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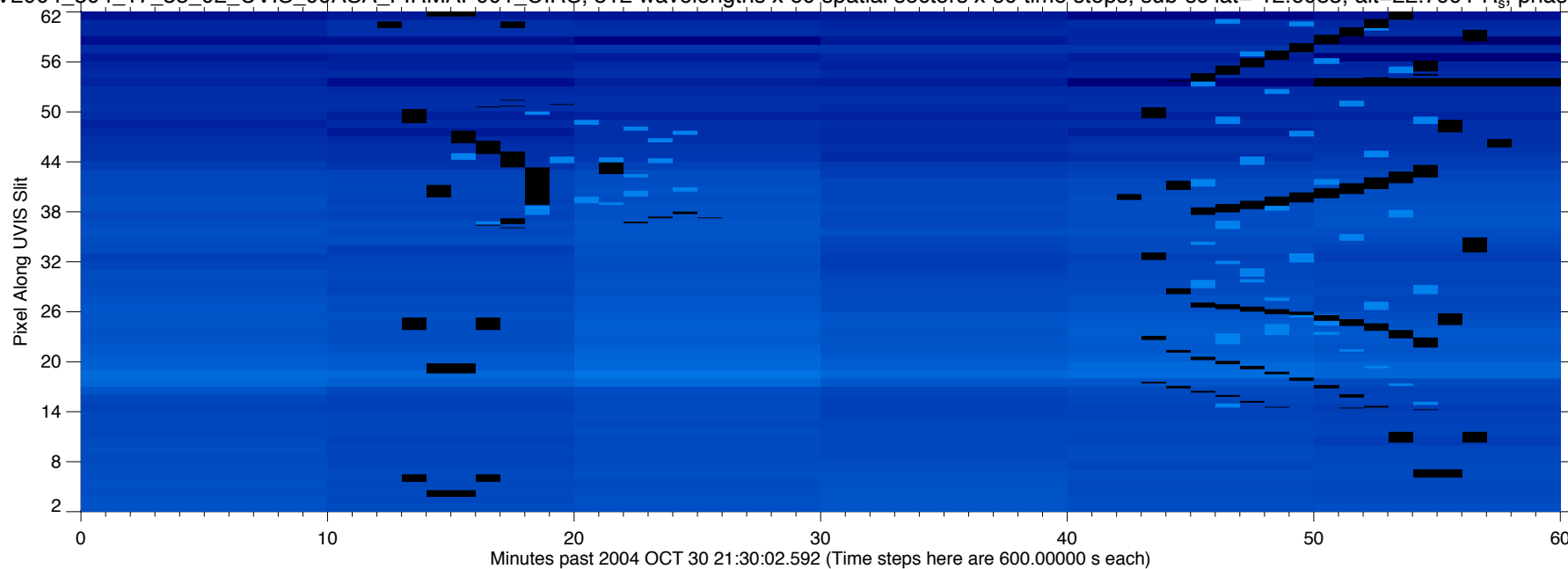
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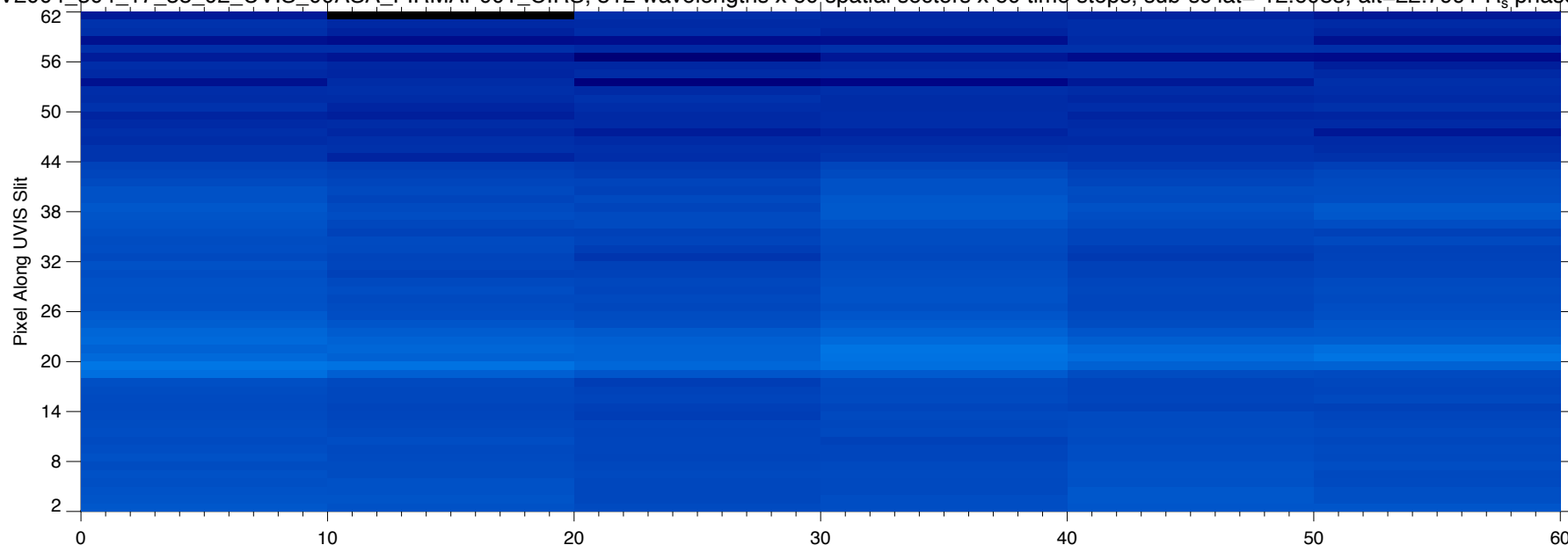
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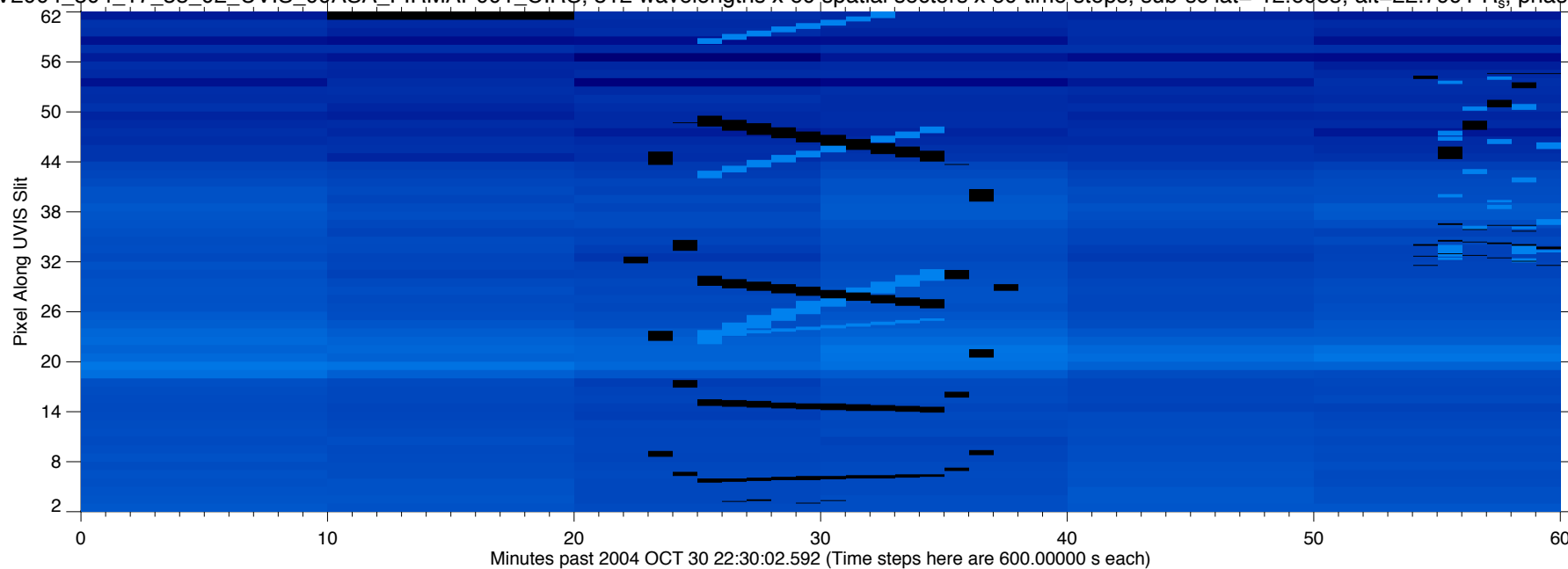
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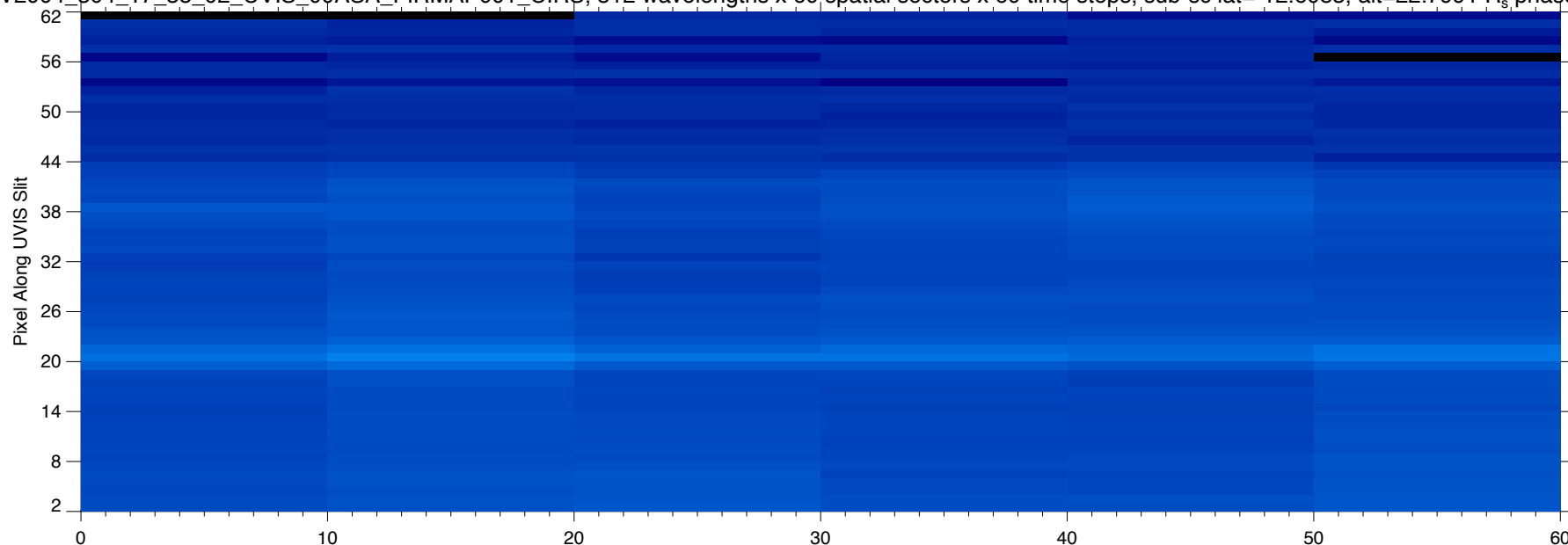
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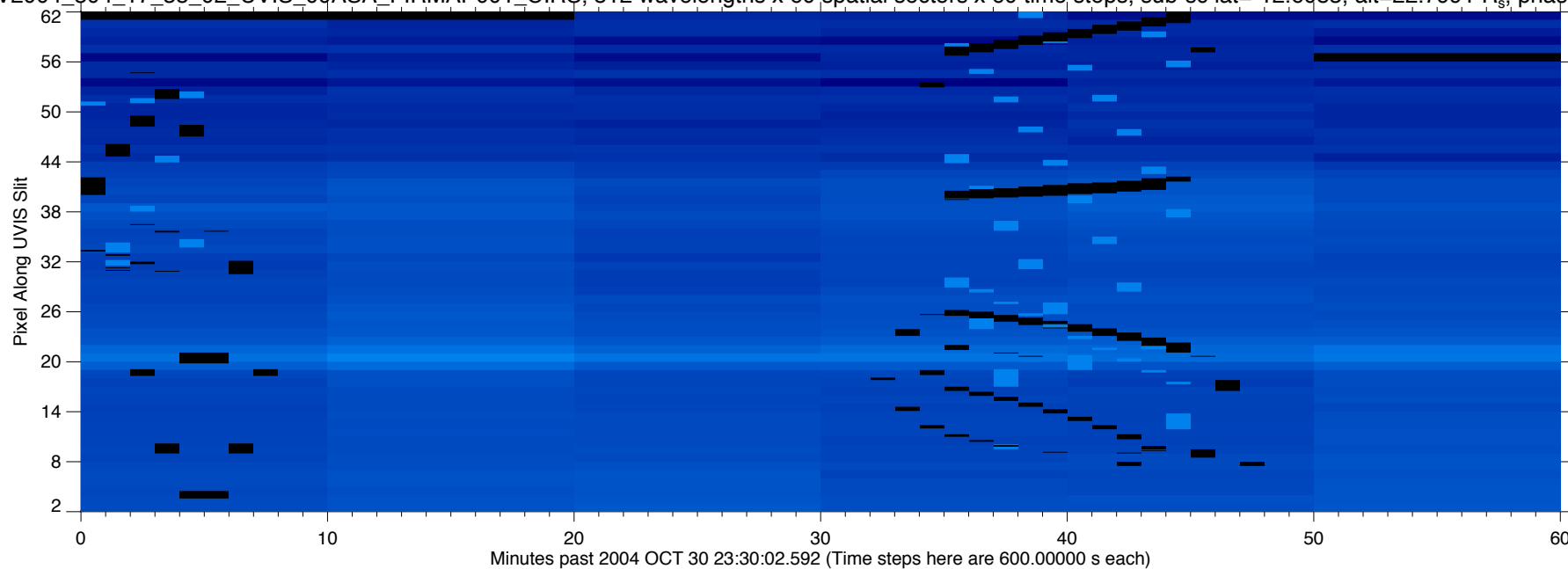
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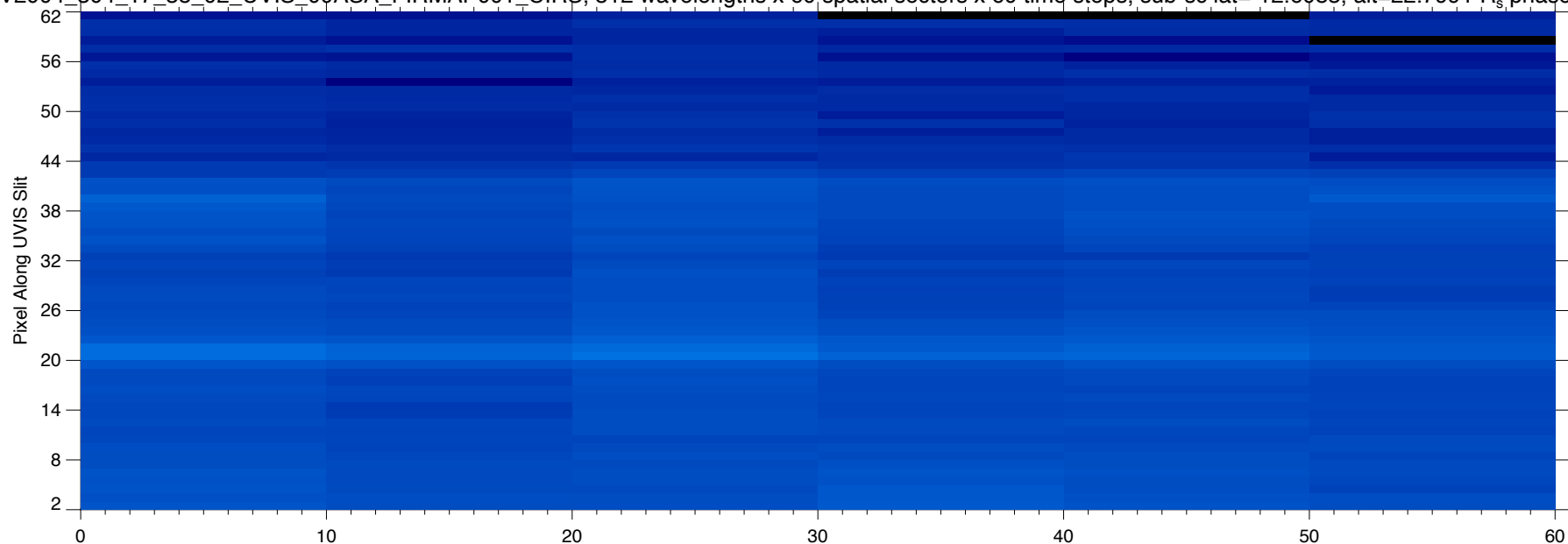
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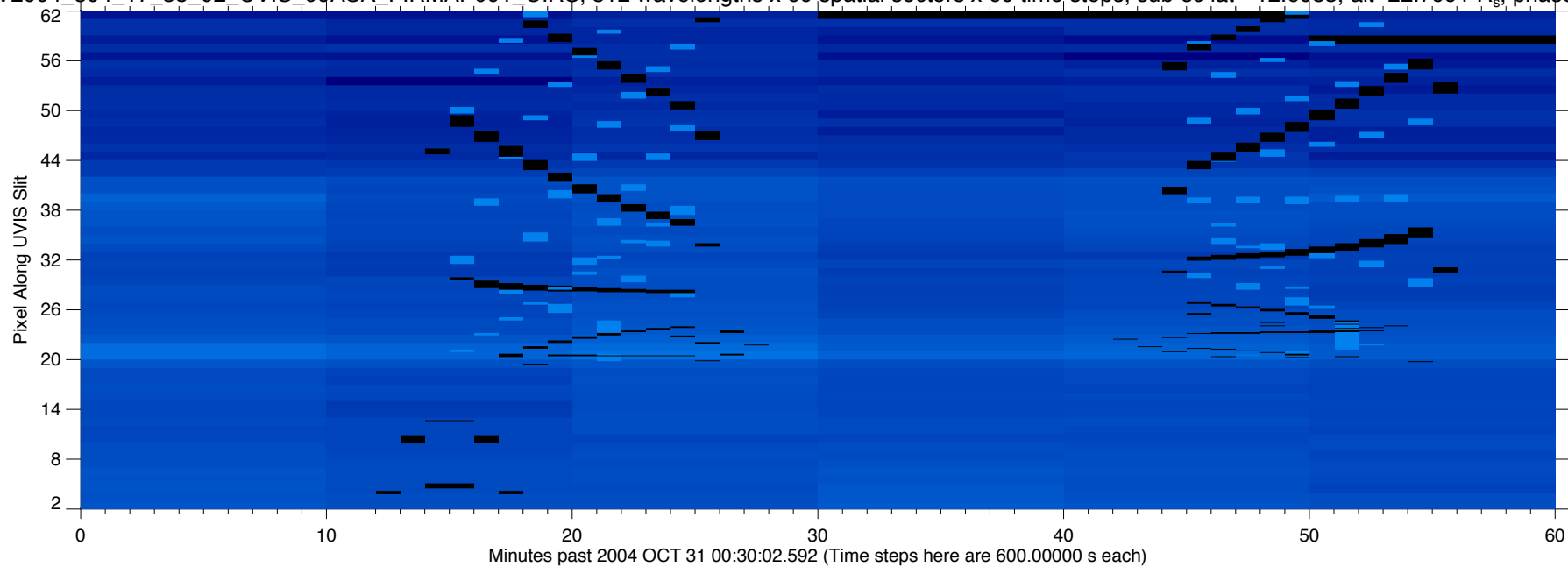
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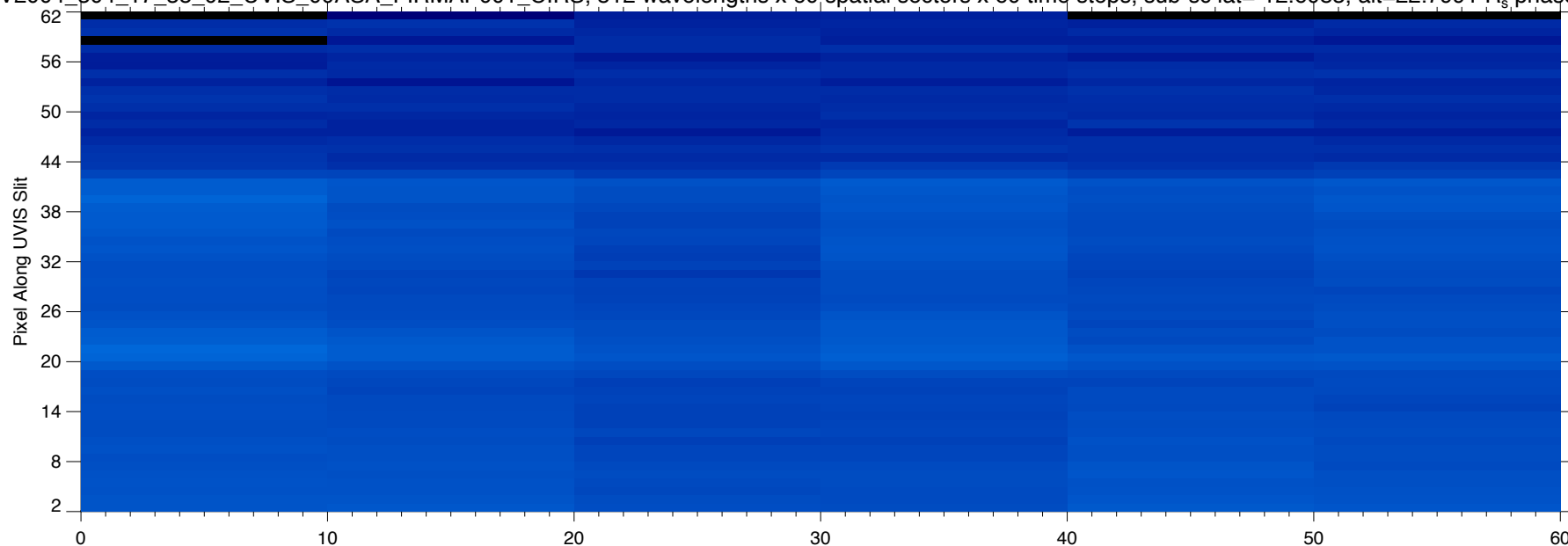
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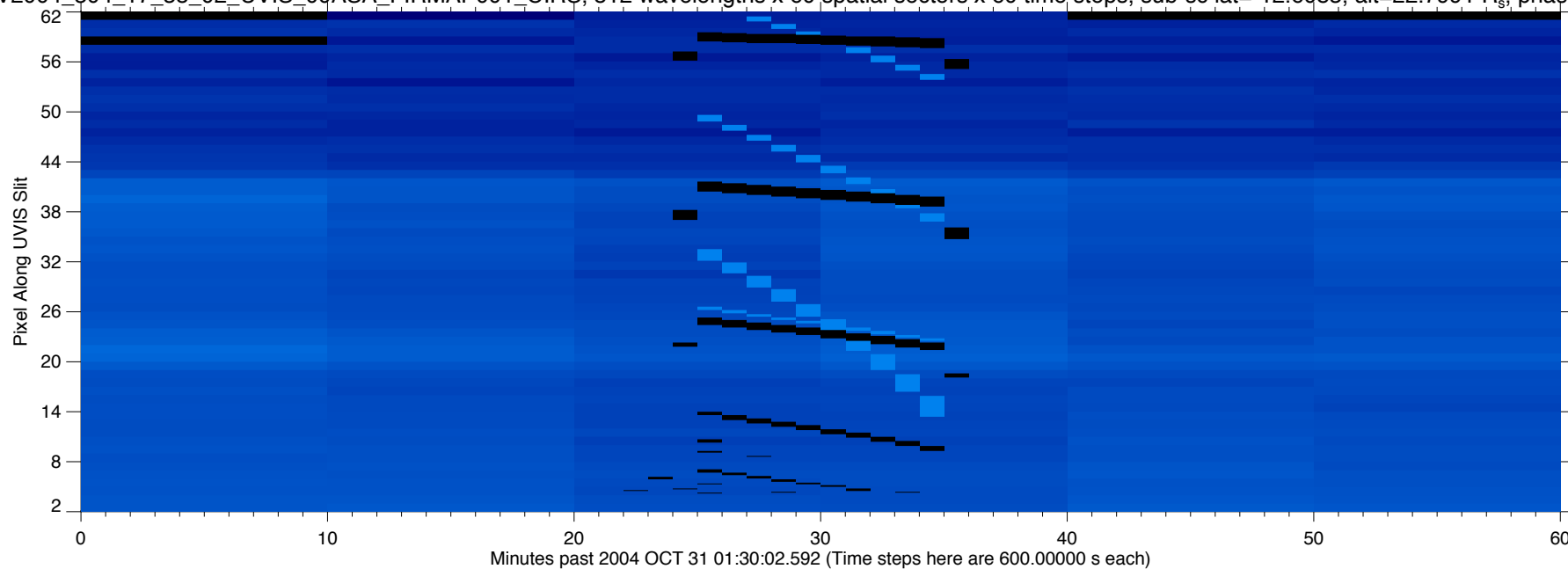
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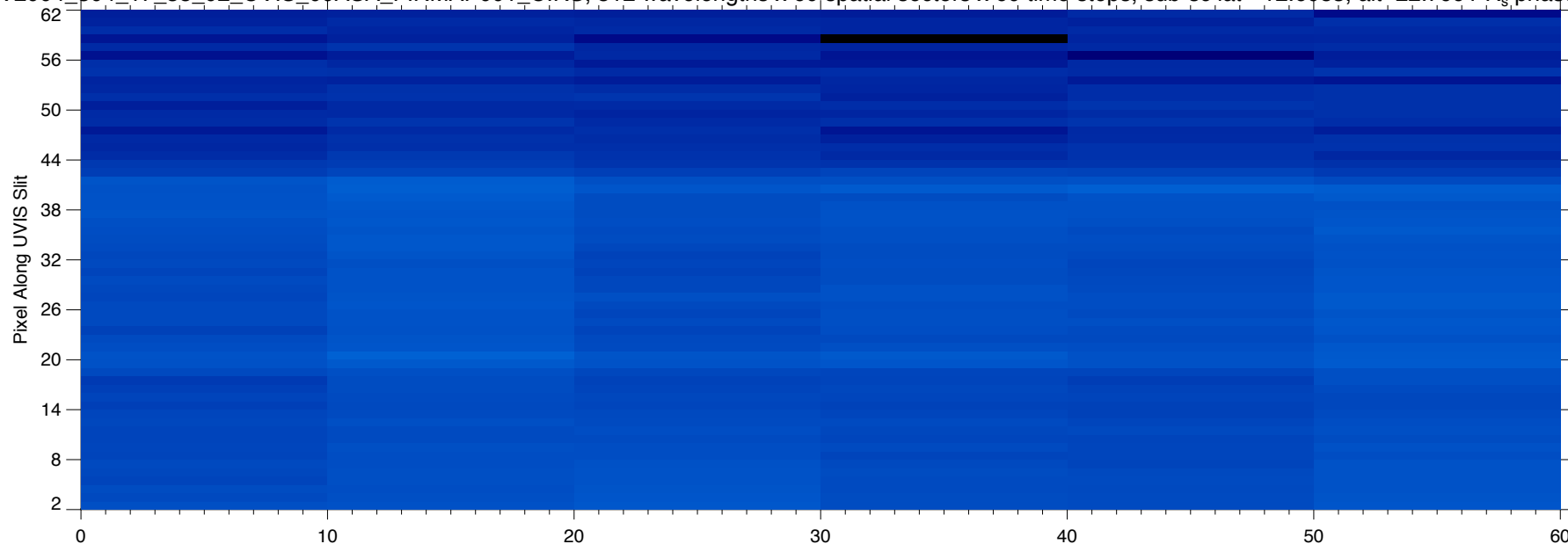
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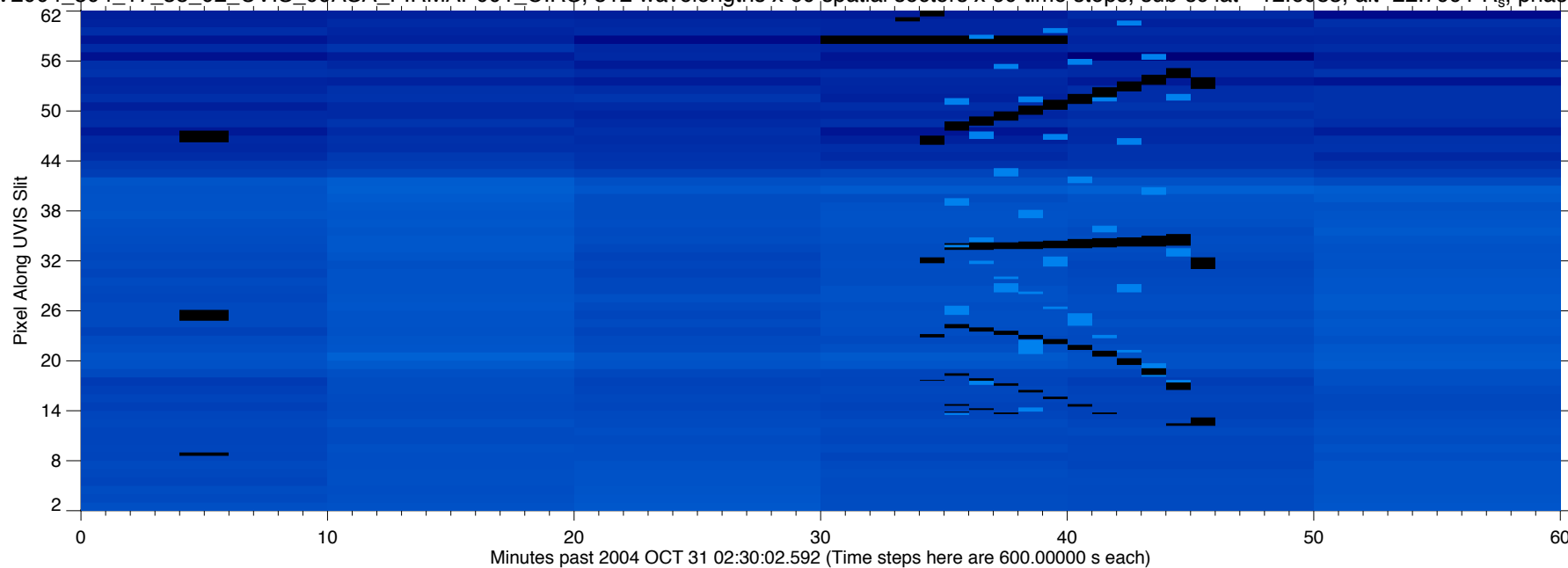
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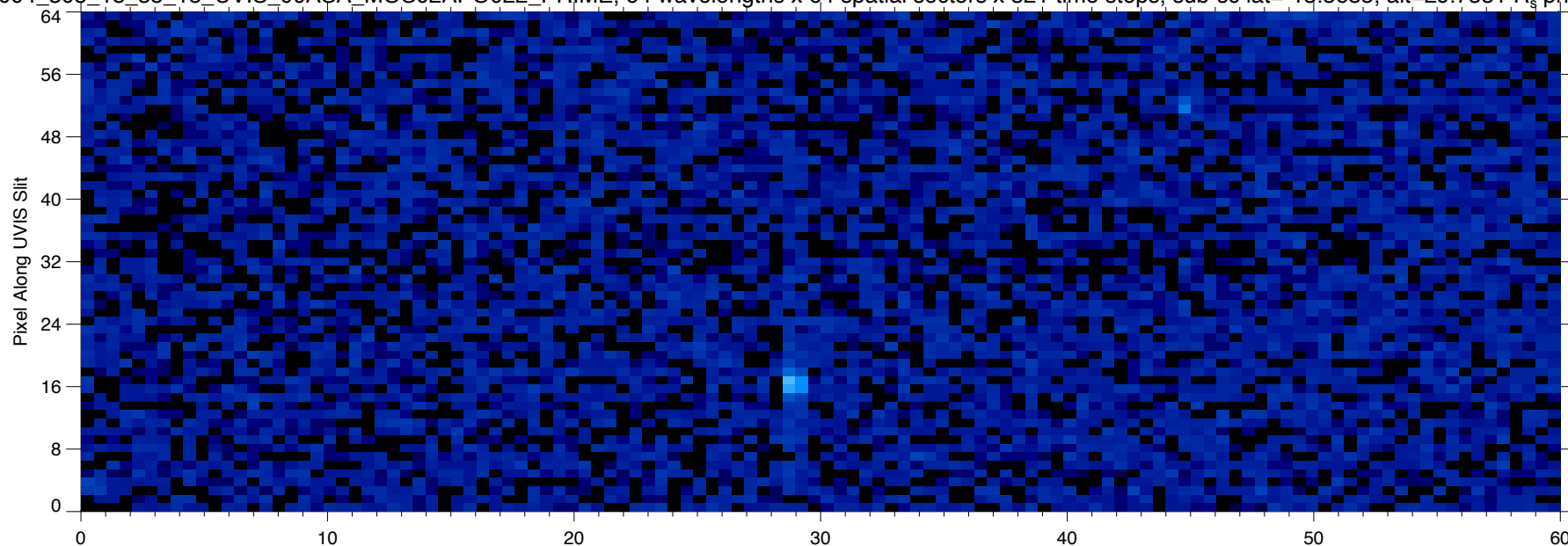
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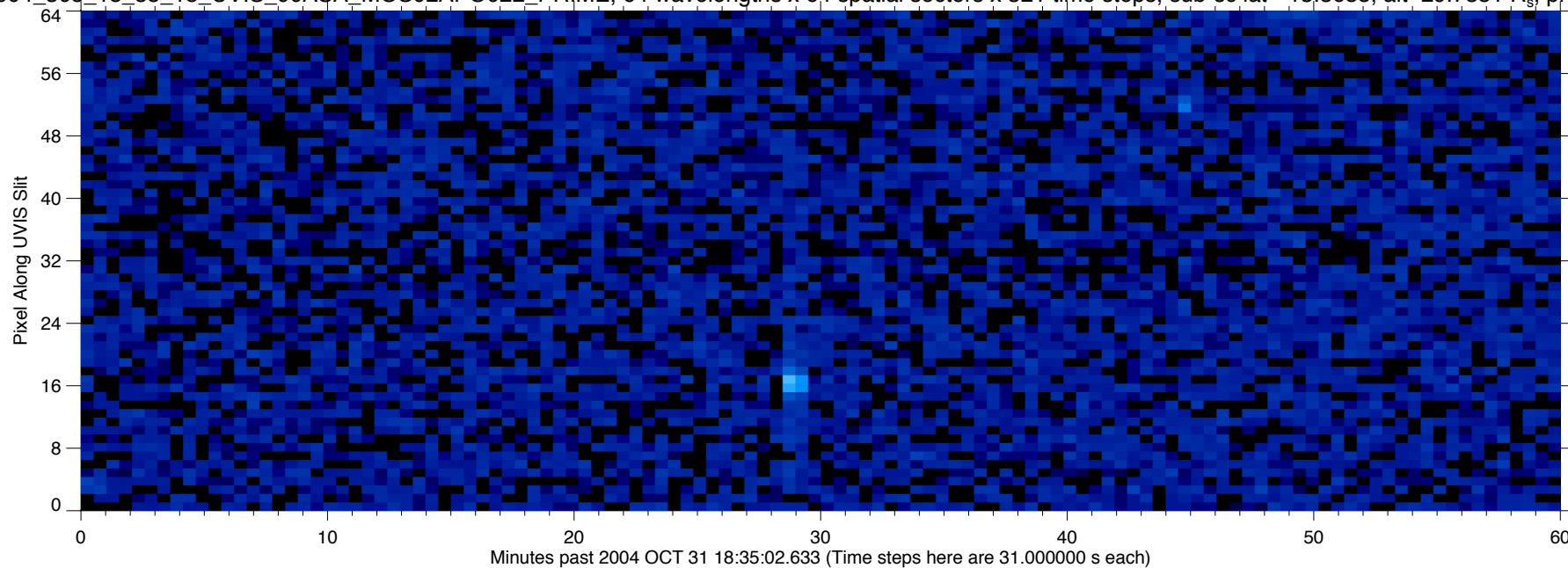
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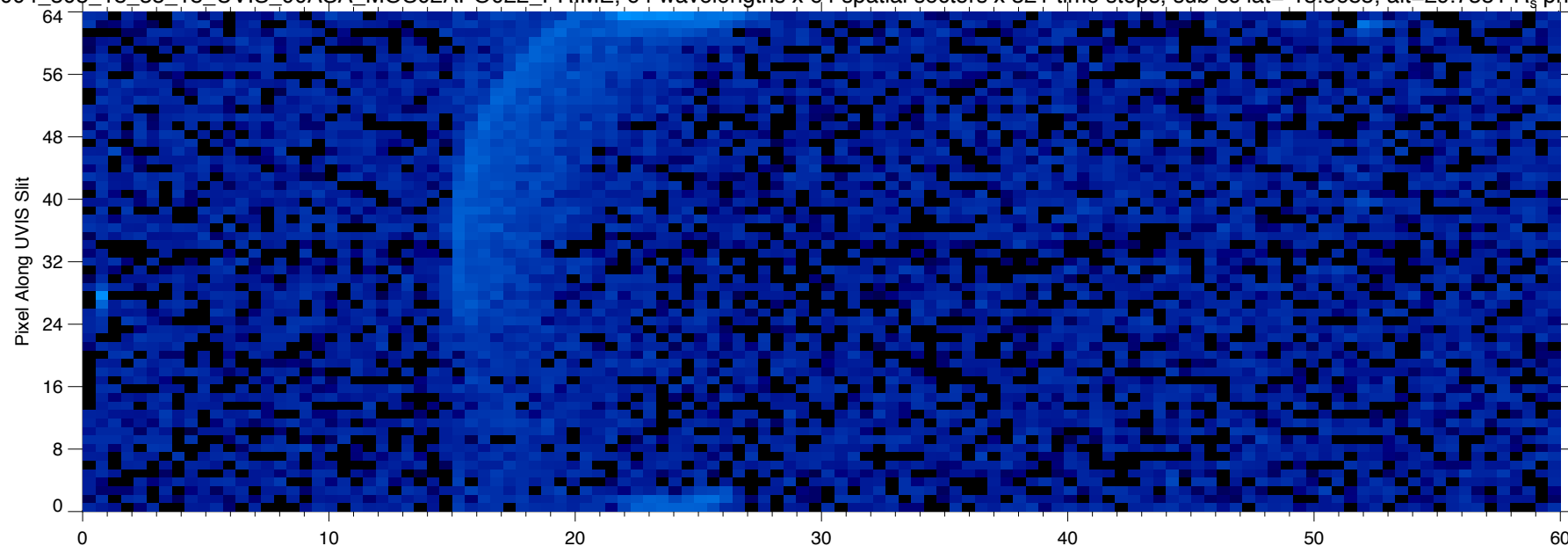
FUV2004_305_18_35_18_UVIS_00ASA_MOS02APO022_PRIME, 64 wavelengths x 64 spatial sectors x 321 time steps, sub-sc lat=-13.3685, alt=29.7351 R_s phase=114.079



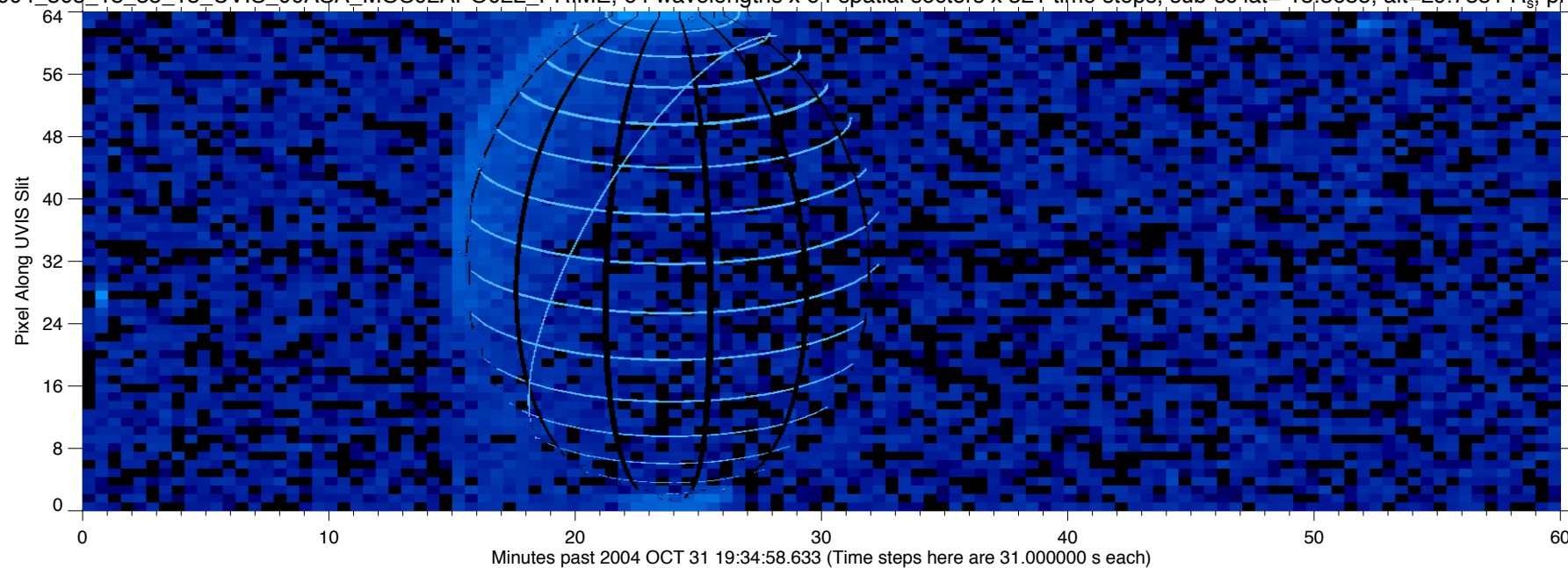
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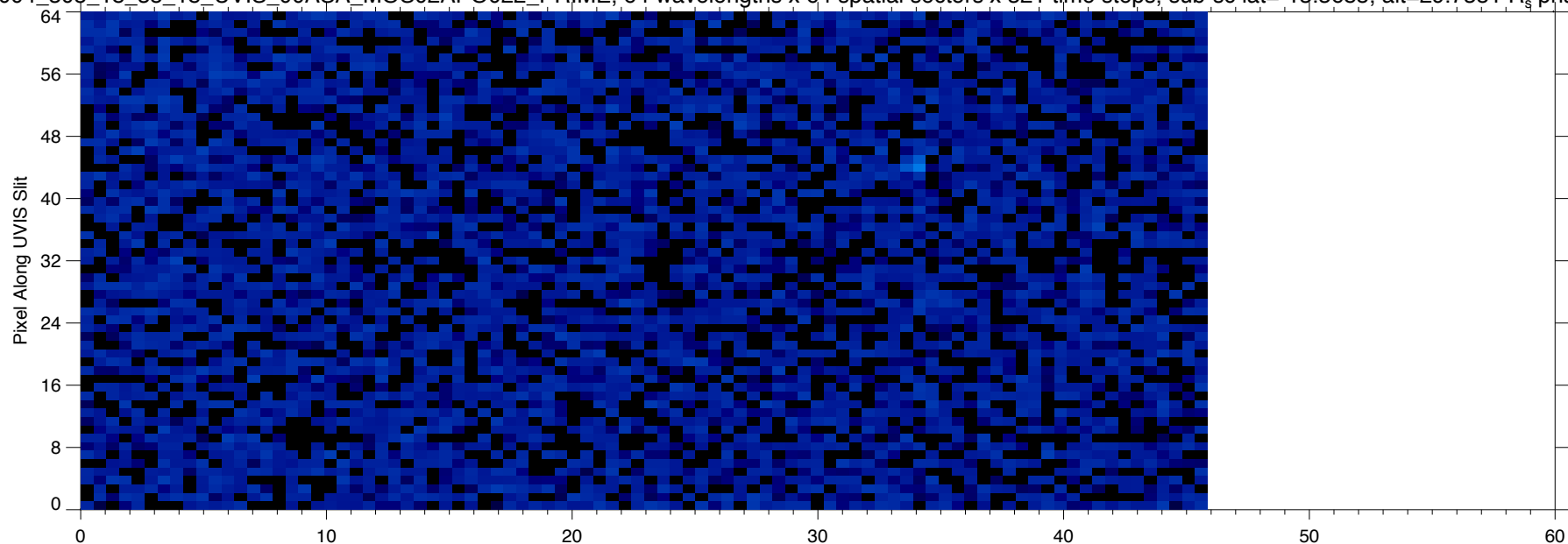
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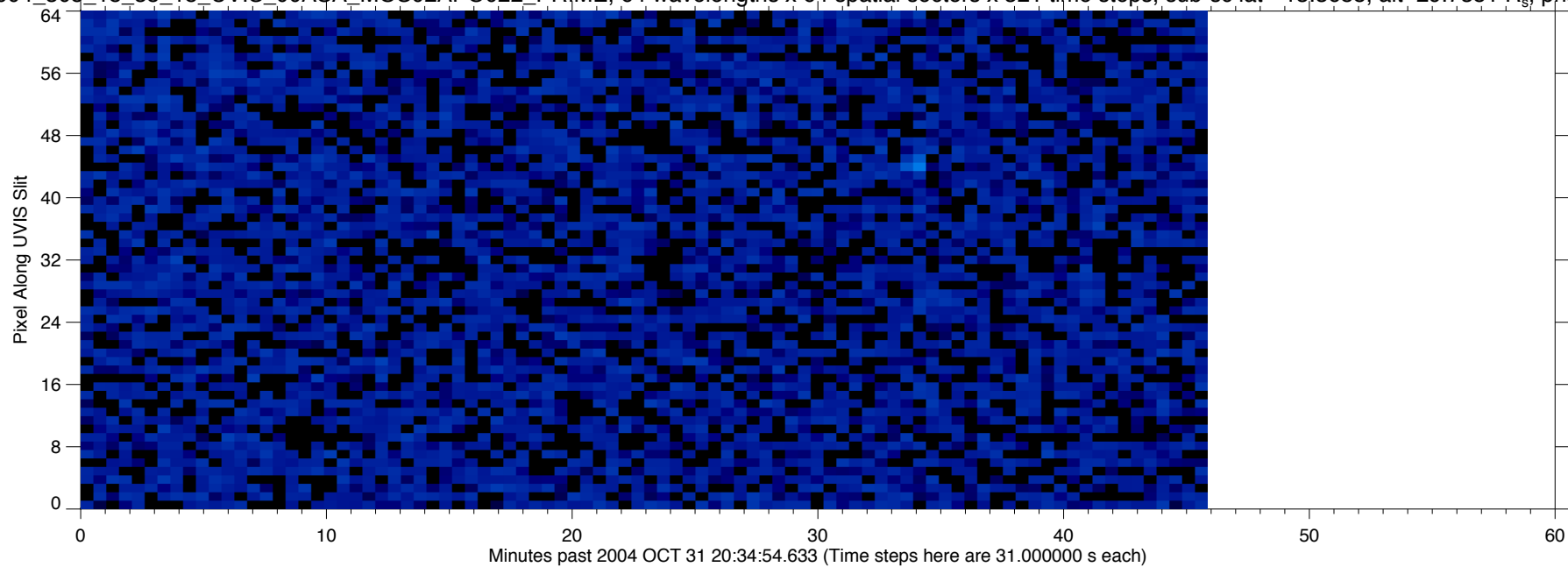
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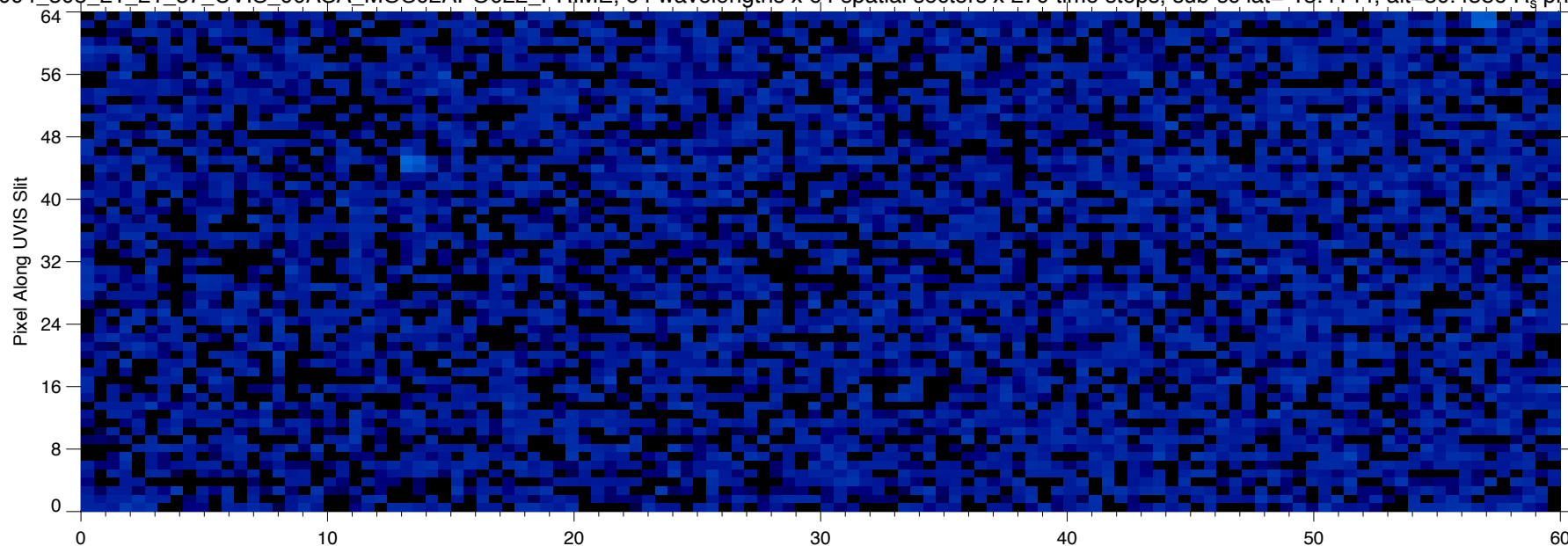
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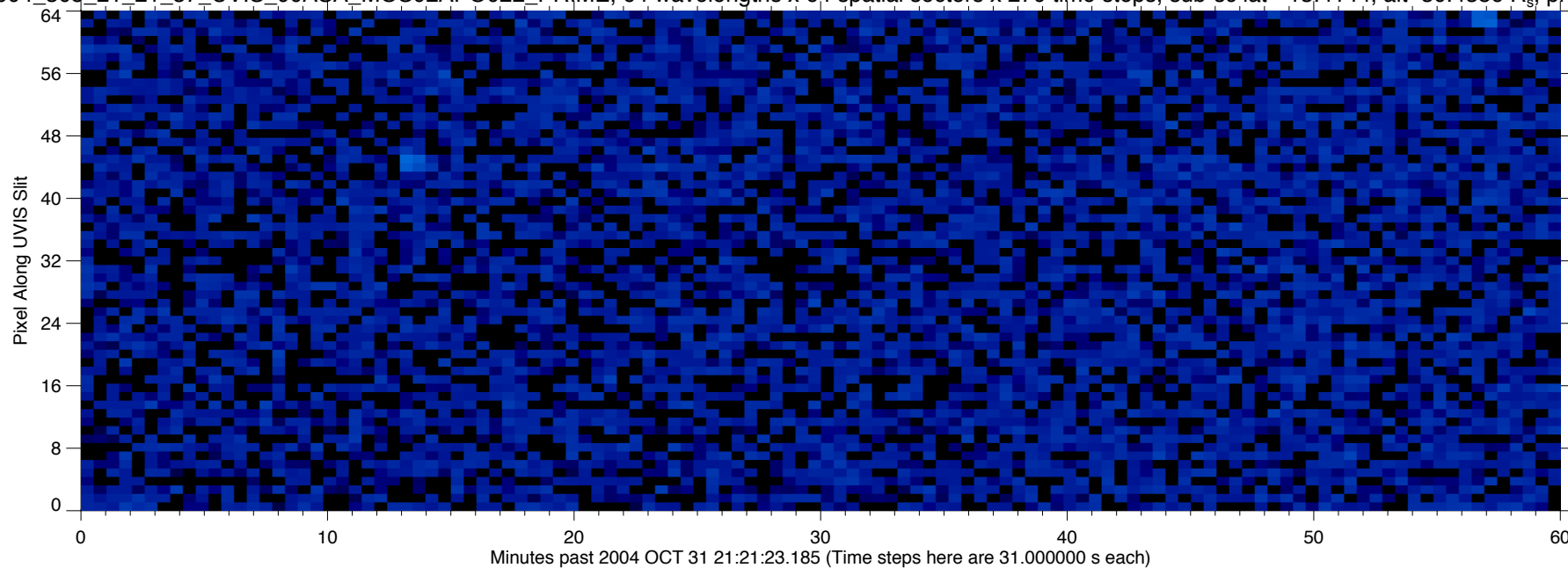
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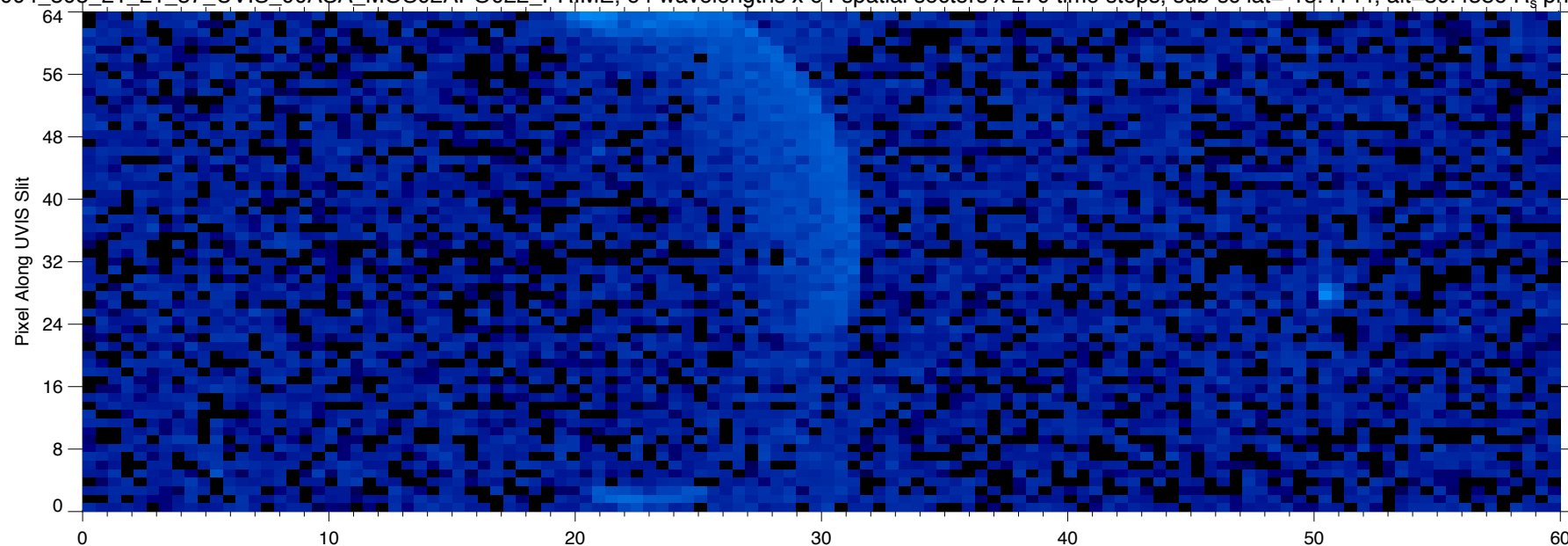
FUV2004_305_21_21_37_UVIS_00ASA_MOS02APO022_PRIME, 64 wavelengths x 64 spatial sectors x 270 time steps, sub-sc lat=-13.4144, alt=30.4386 R_s phase=113.366



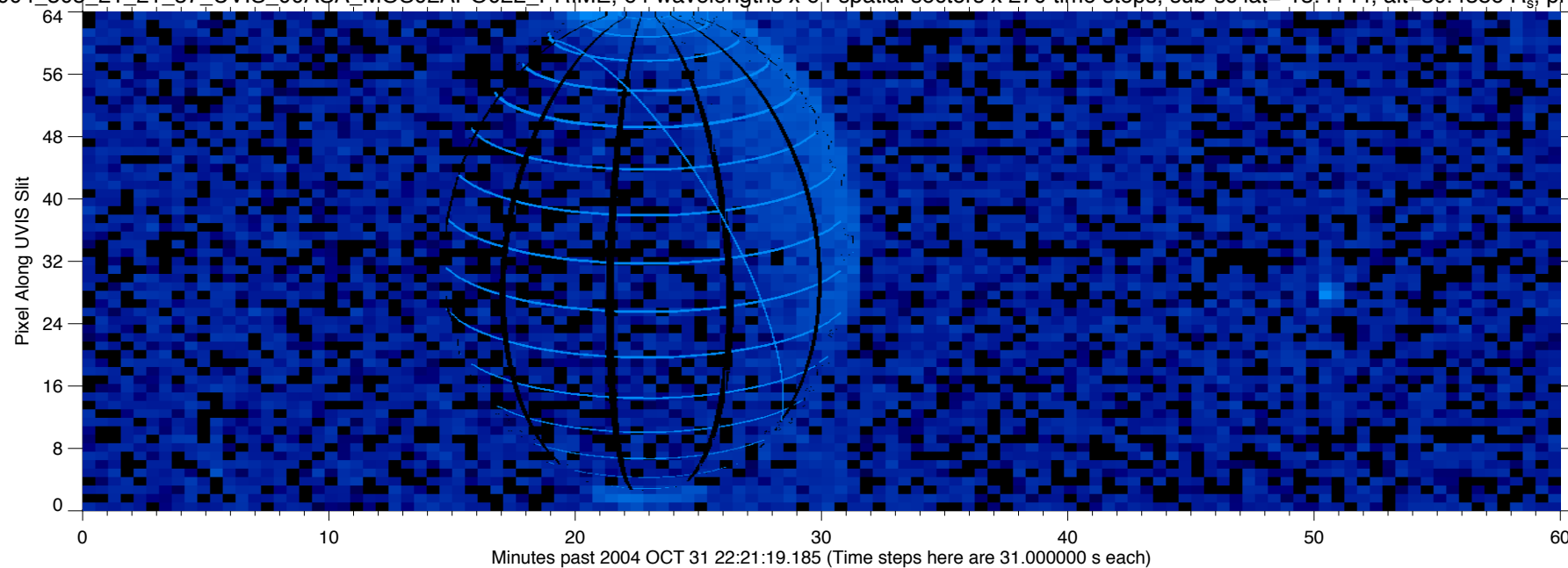
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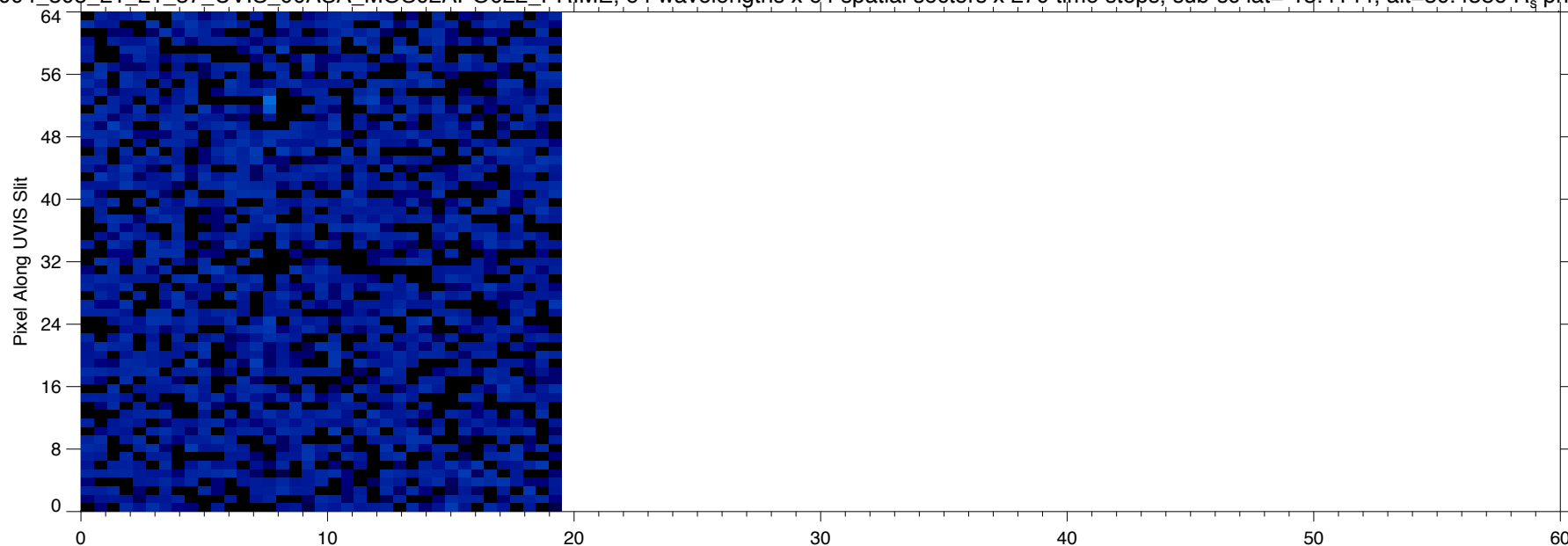
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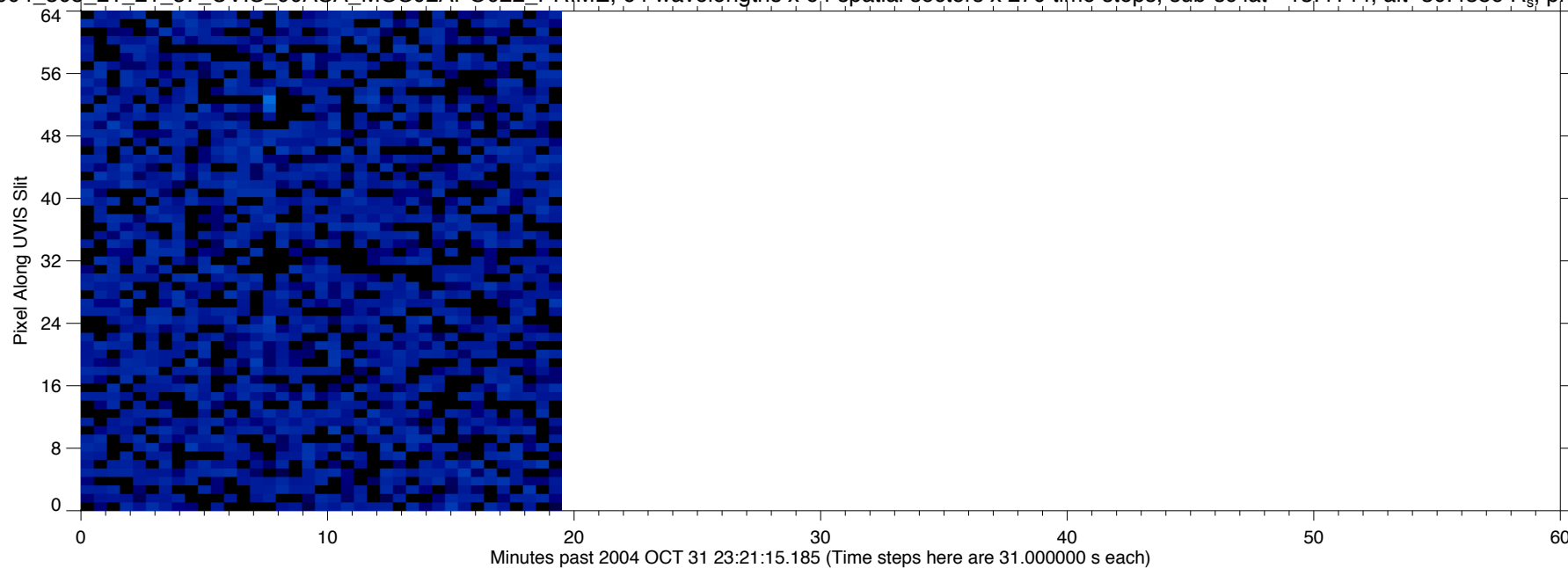
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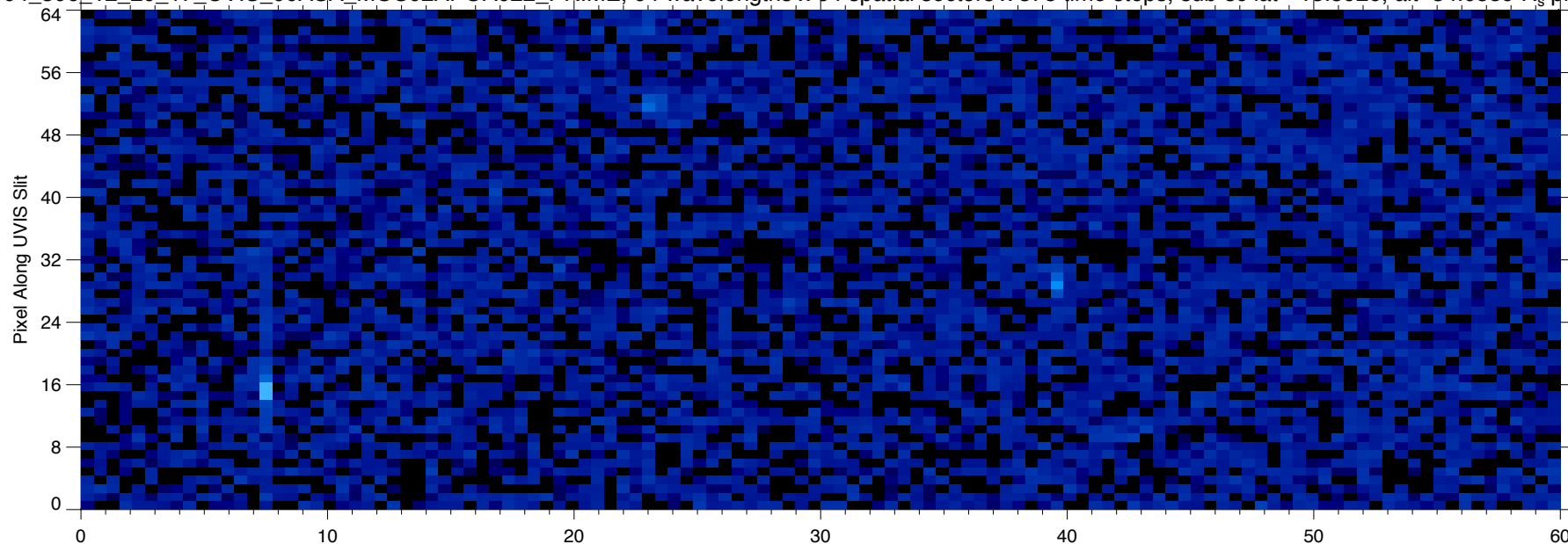
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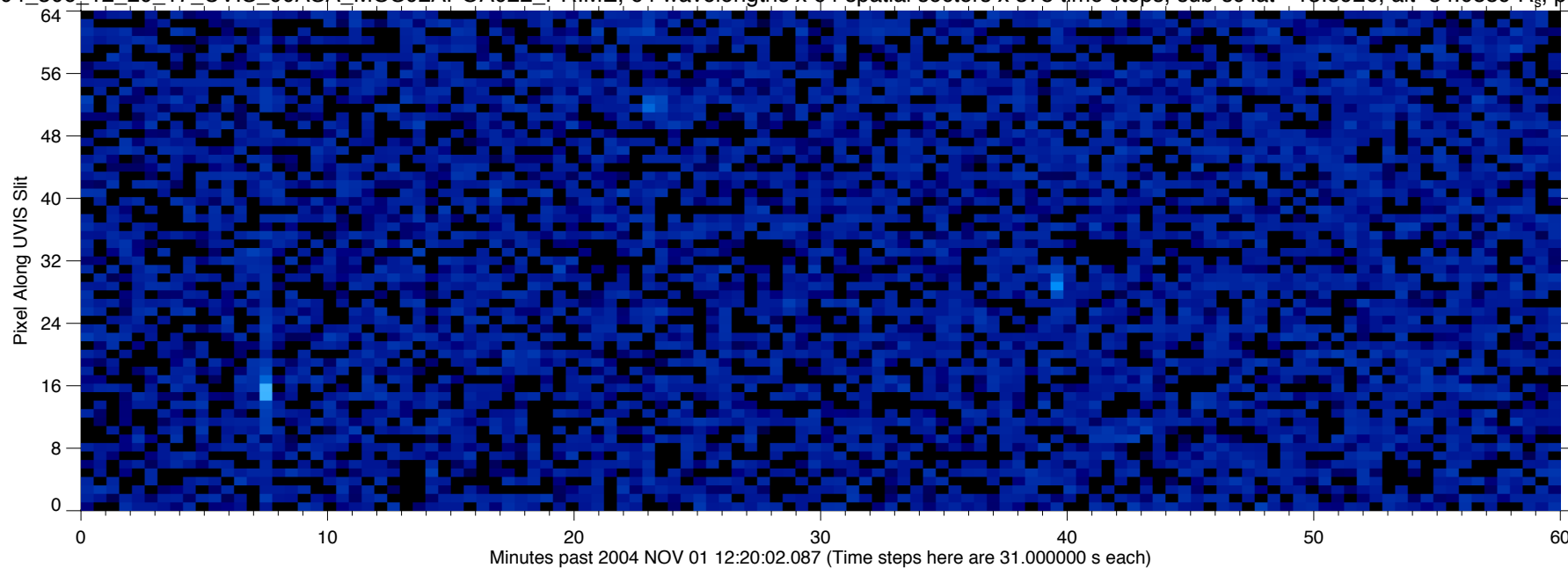
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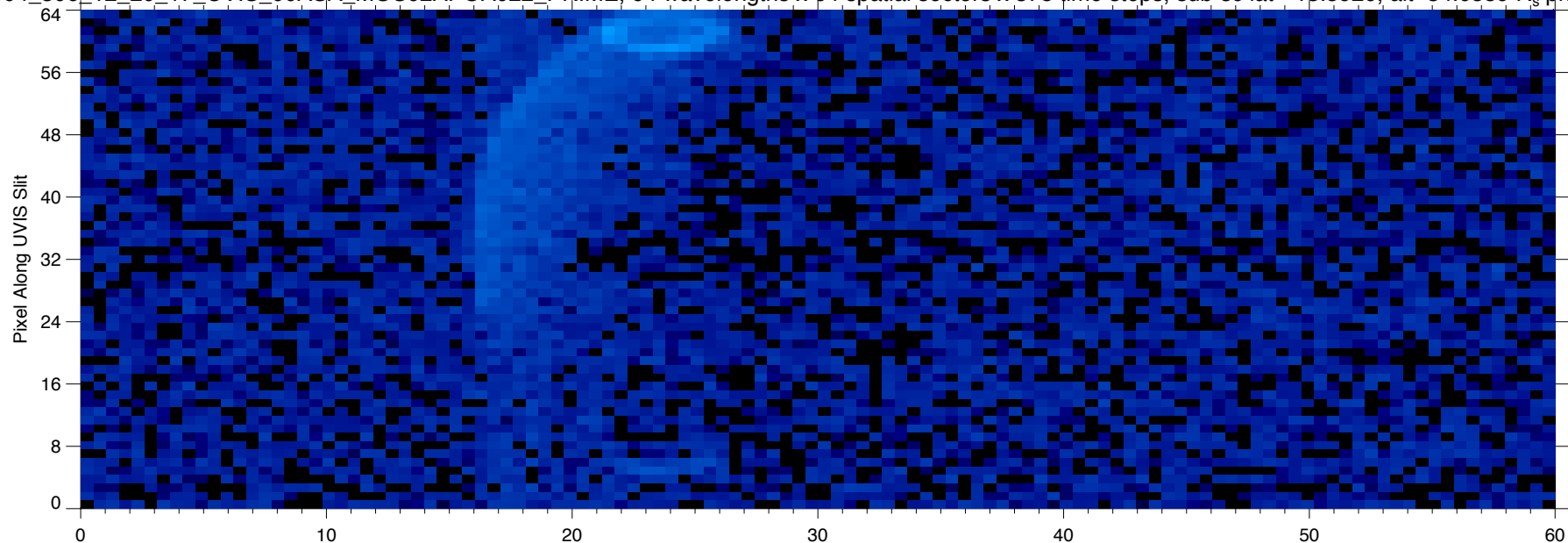
FUV2004_306_12_20_17_UVIS_00ASA_MOS02APOA022_PRIME, 64 wavelengths x 64 spatial sectors x 378 time steps, sub-sc lat=-13.5926, alt=34.0559 R_s, phase=109.979



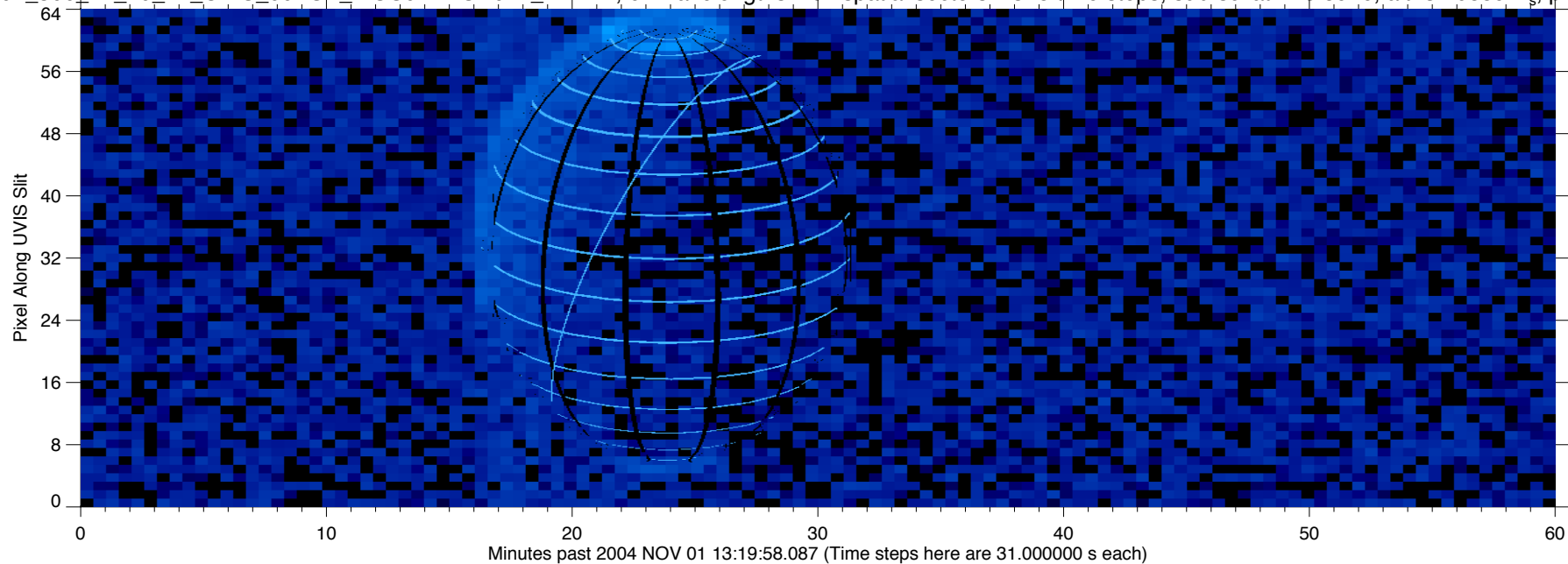
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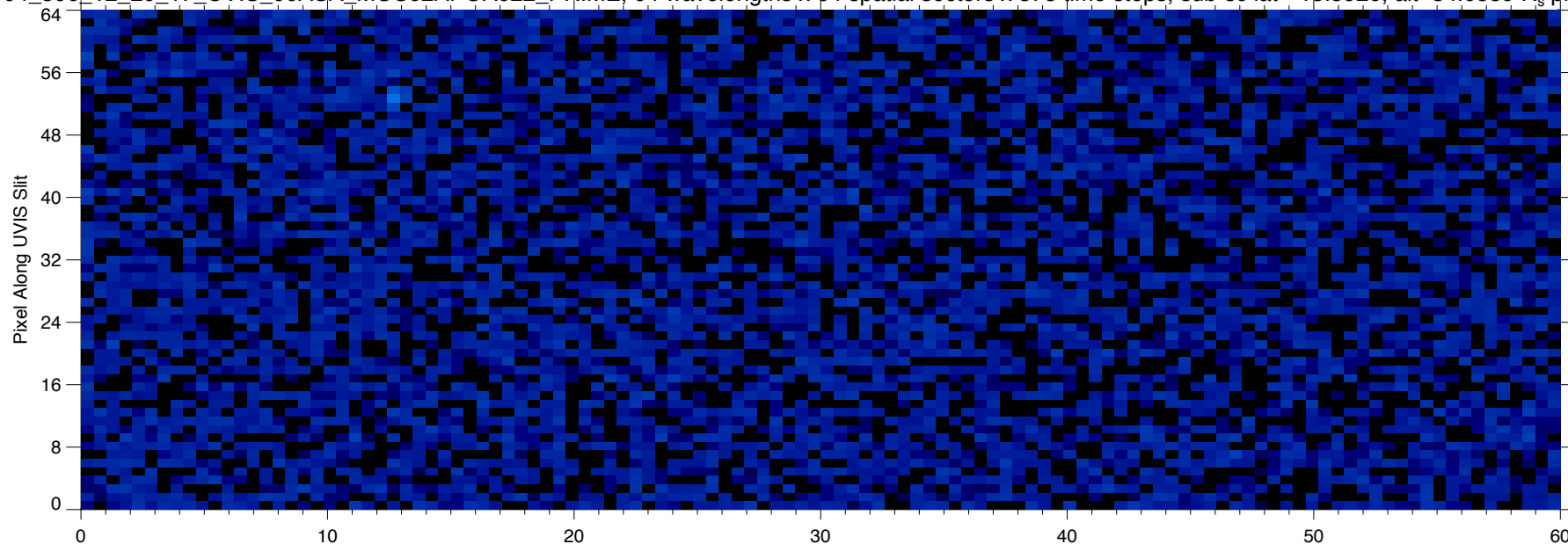
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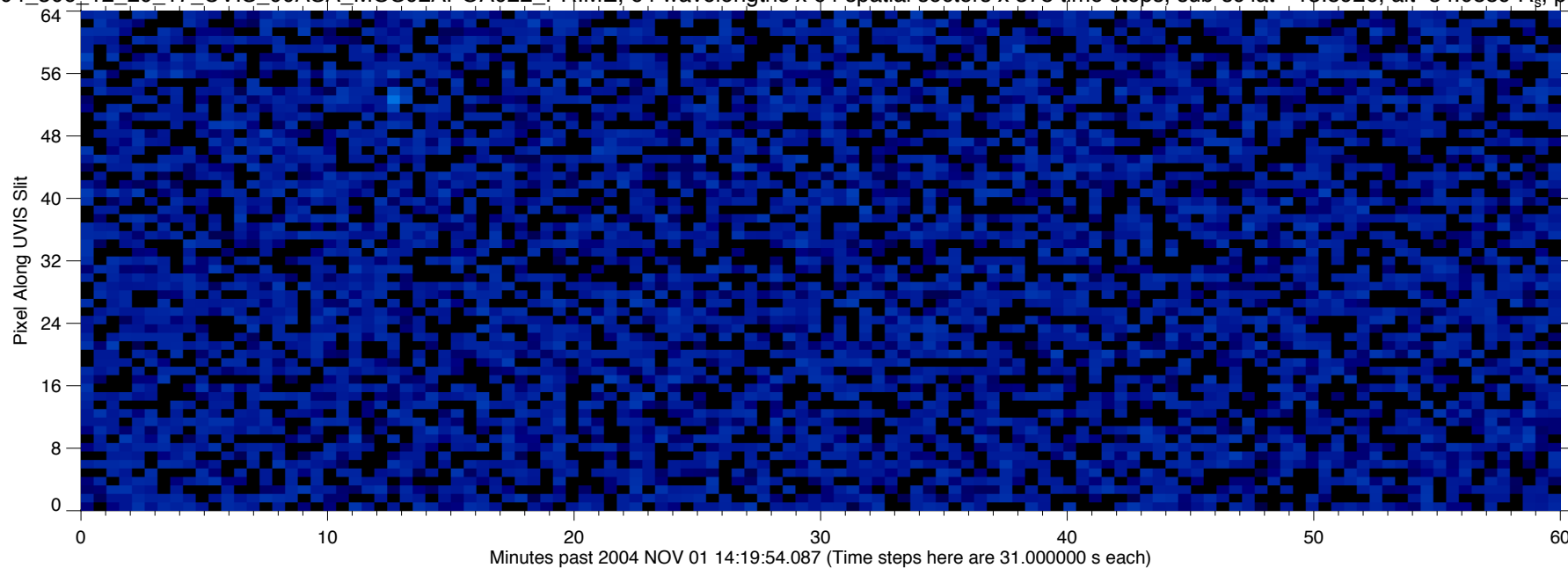
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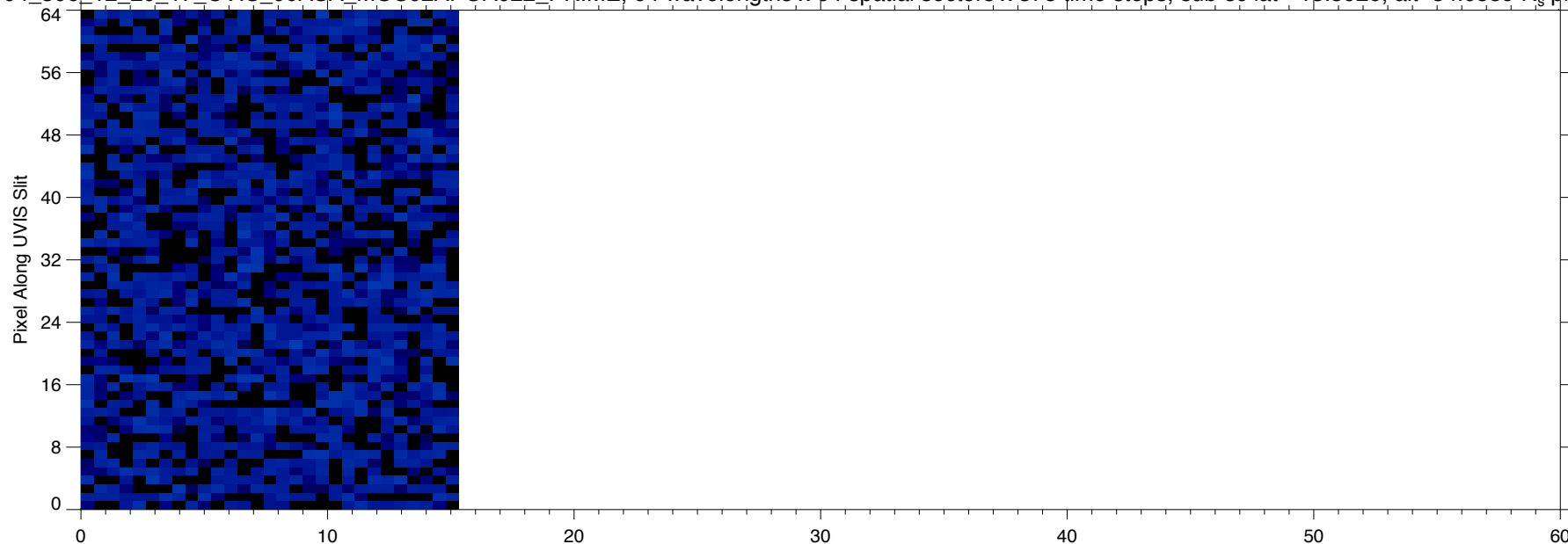
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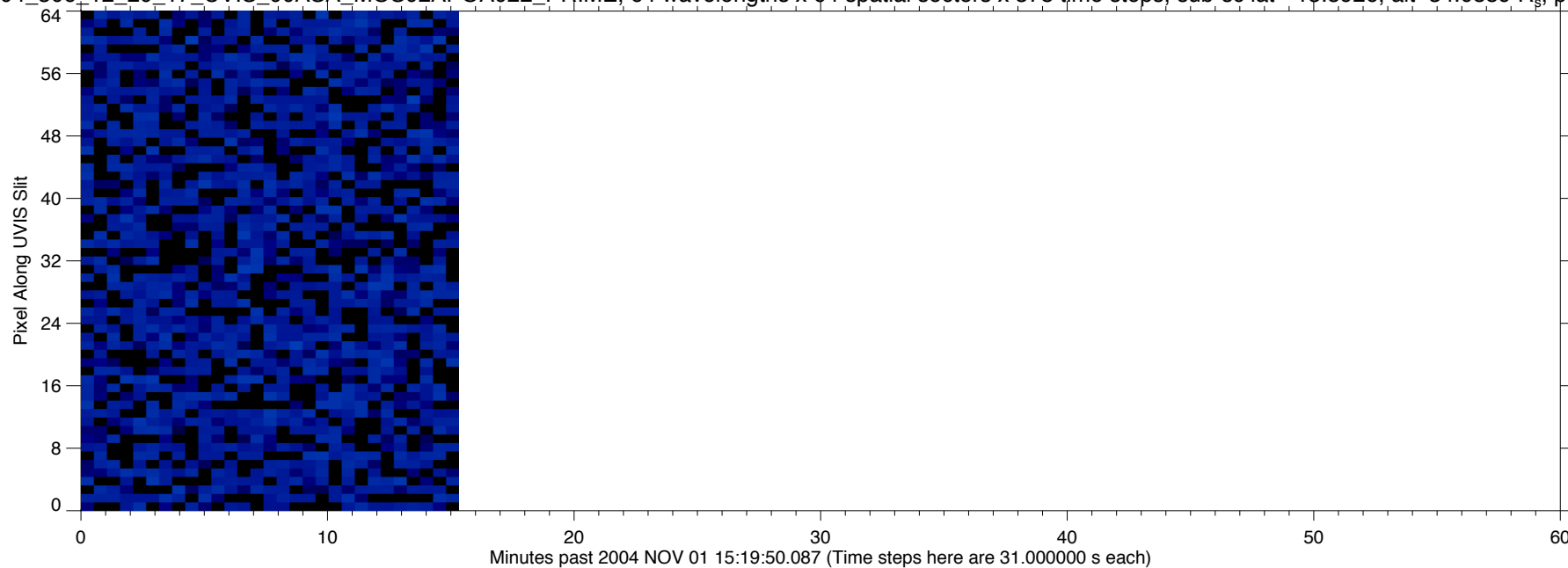
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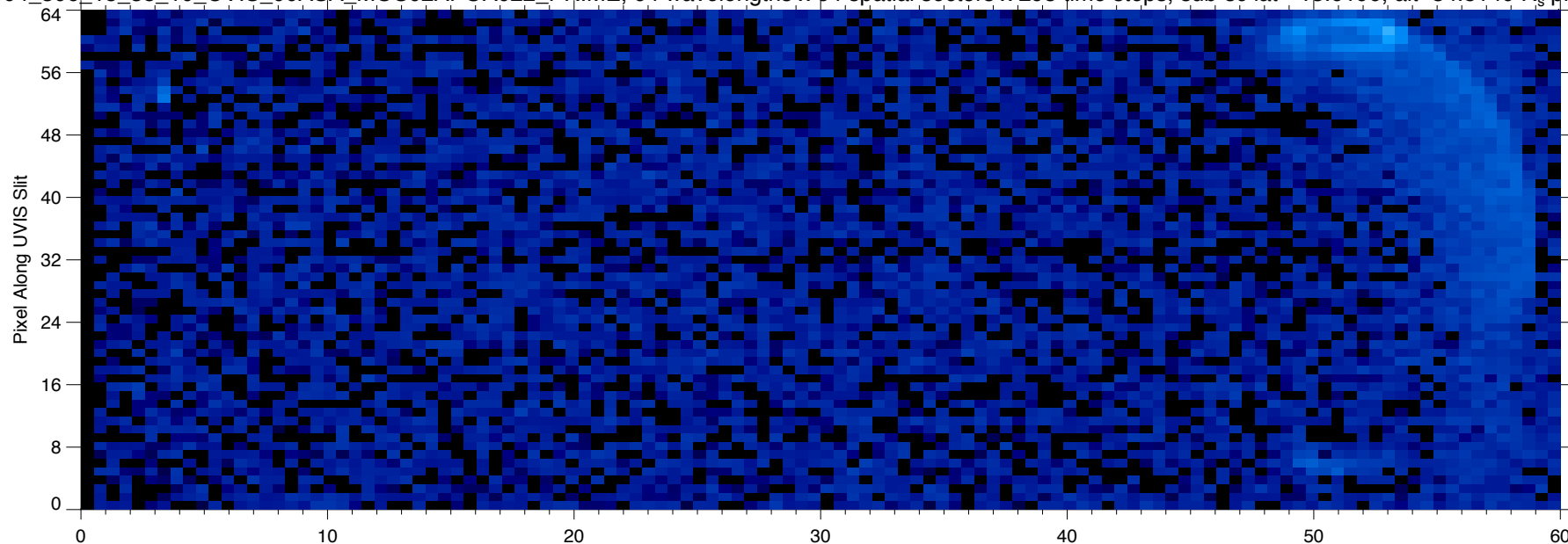
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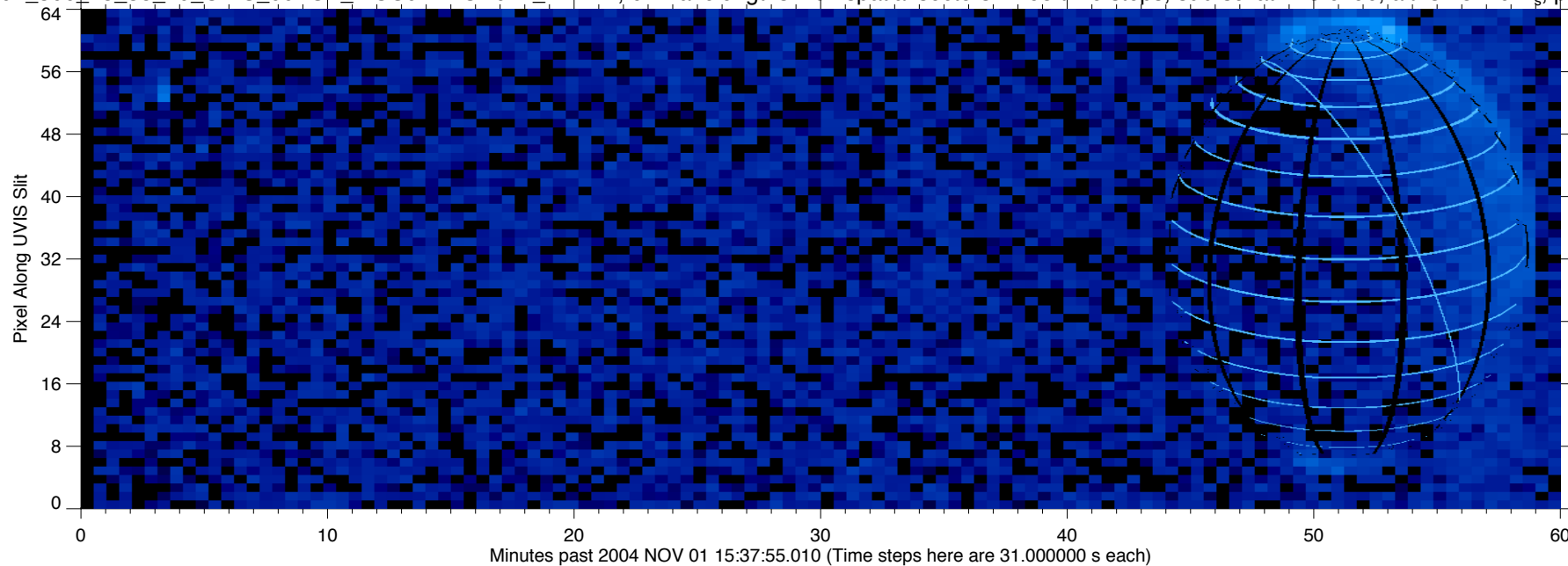
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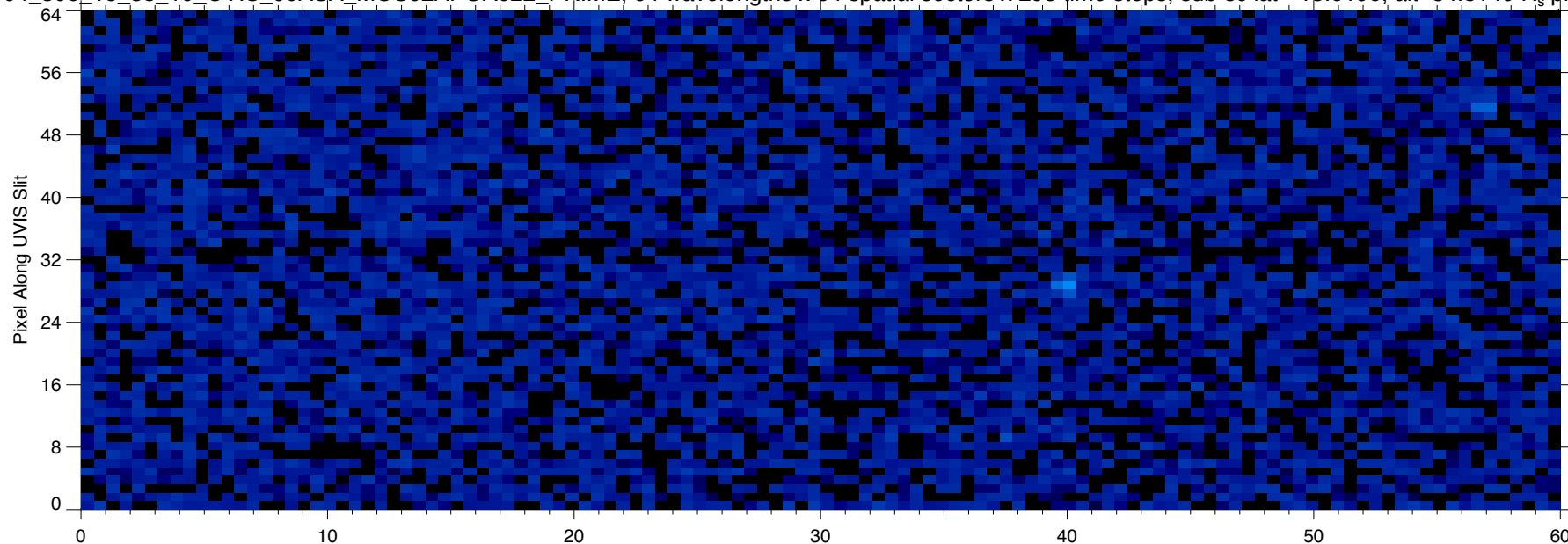
FUV2004_306_15_38_10_UVIS_00ASA_MOS02APOA022_PRIME, 64 wavelengths x 64 spatial sectors x 295 time steps, sub-sc lat=-13.6196, alt=34.8140 R_s, phase=109.321



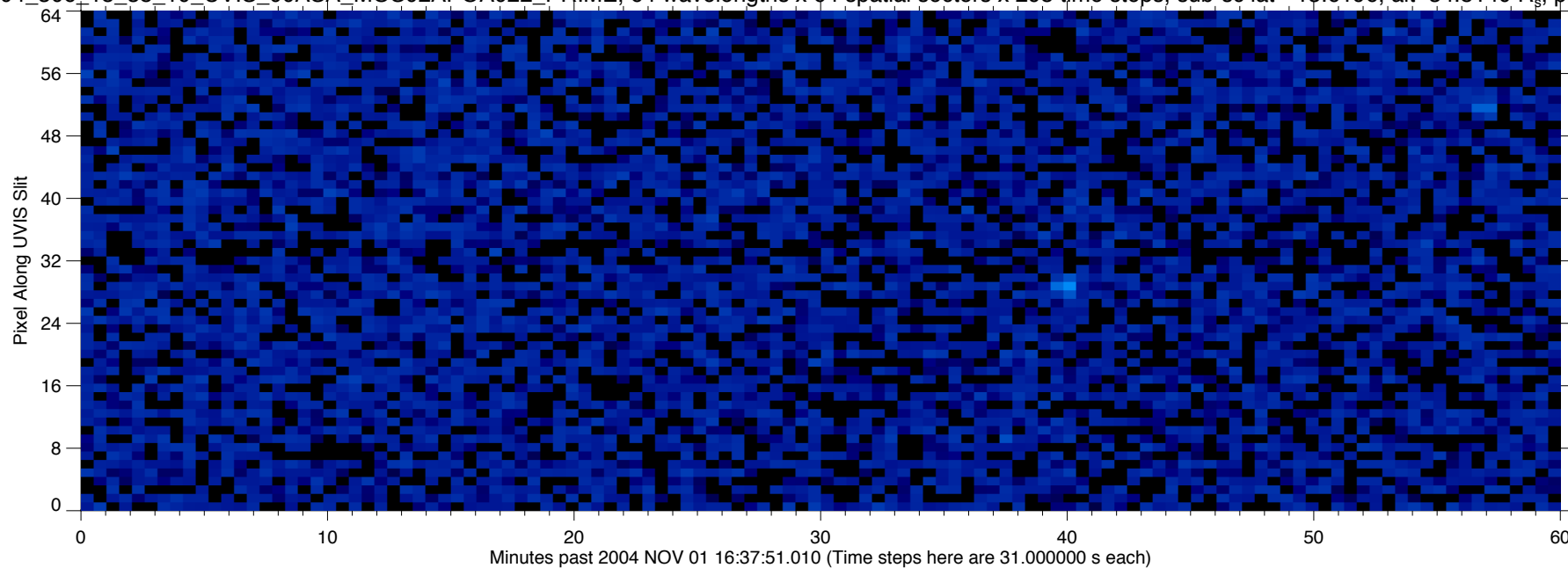
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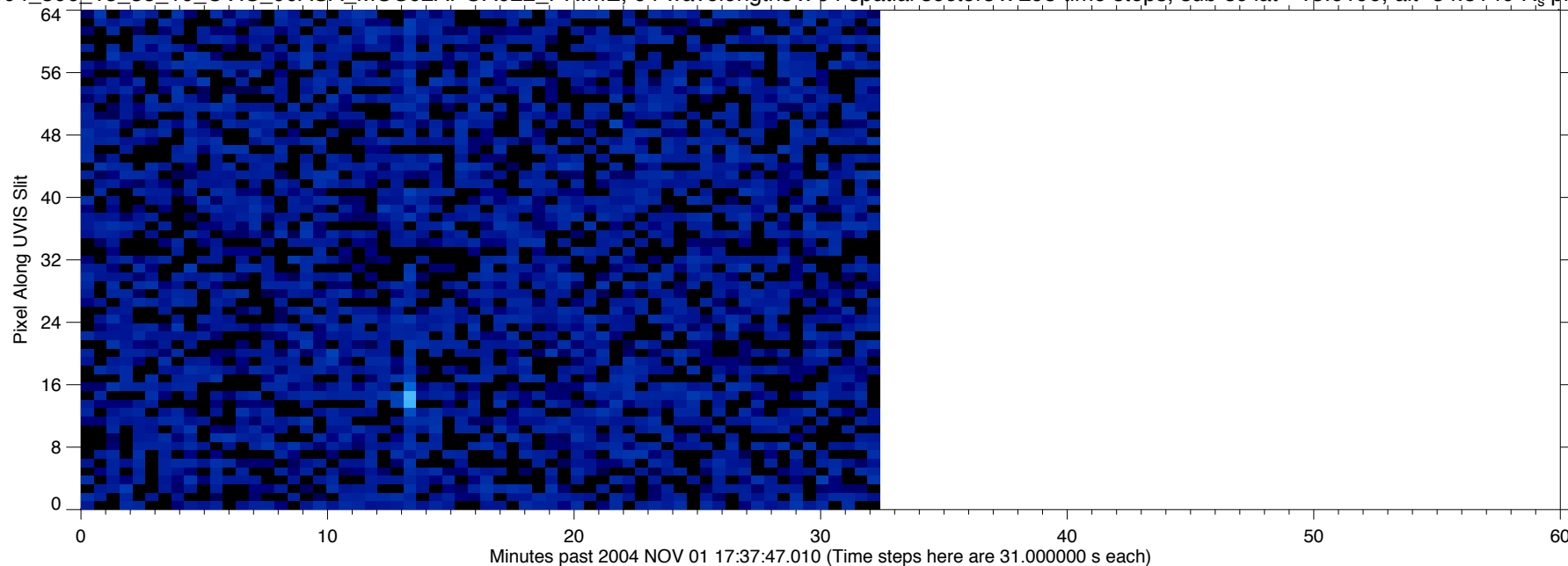
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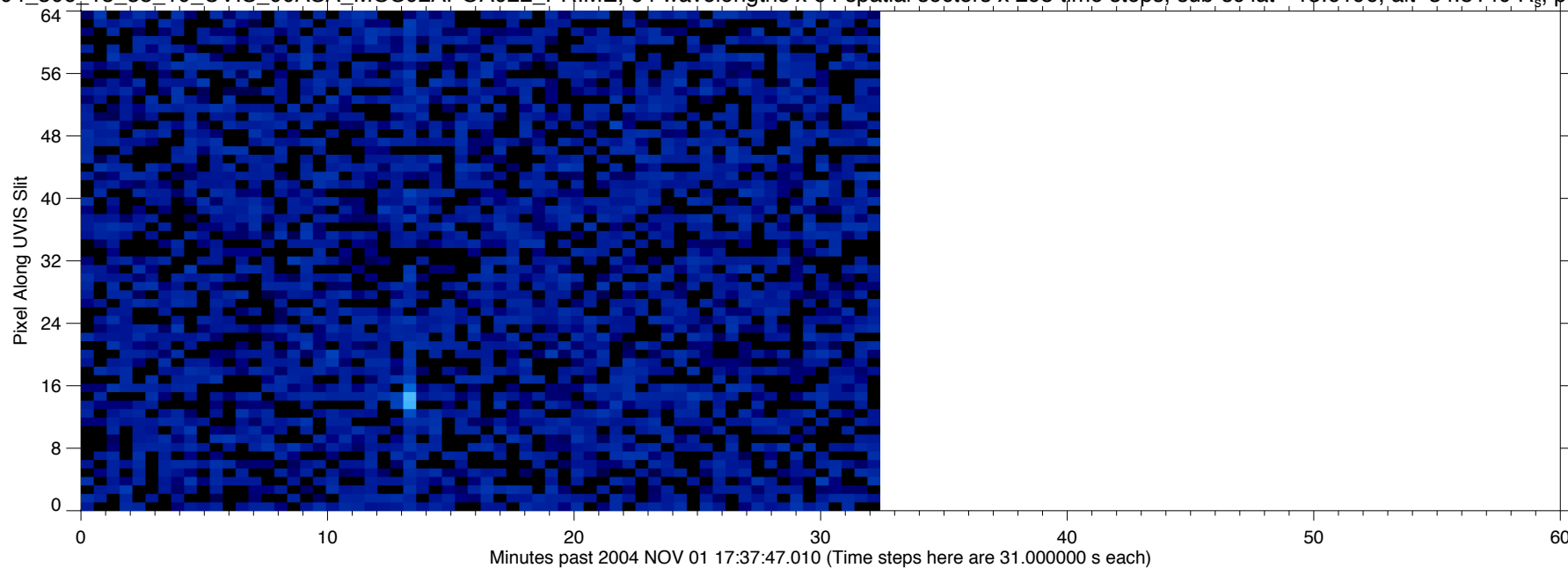
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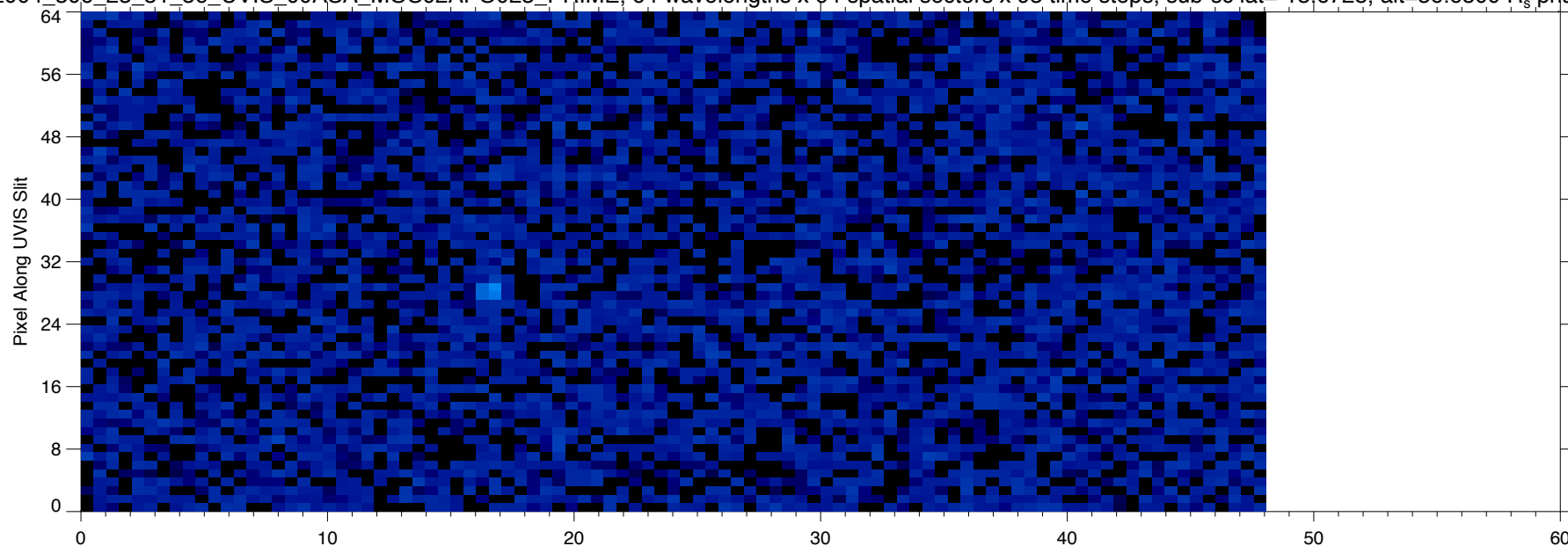
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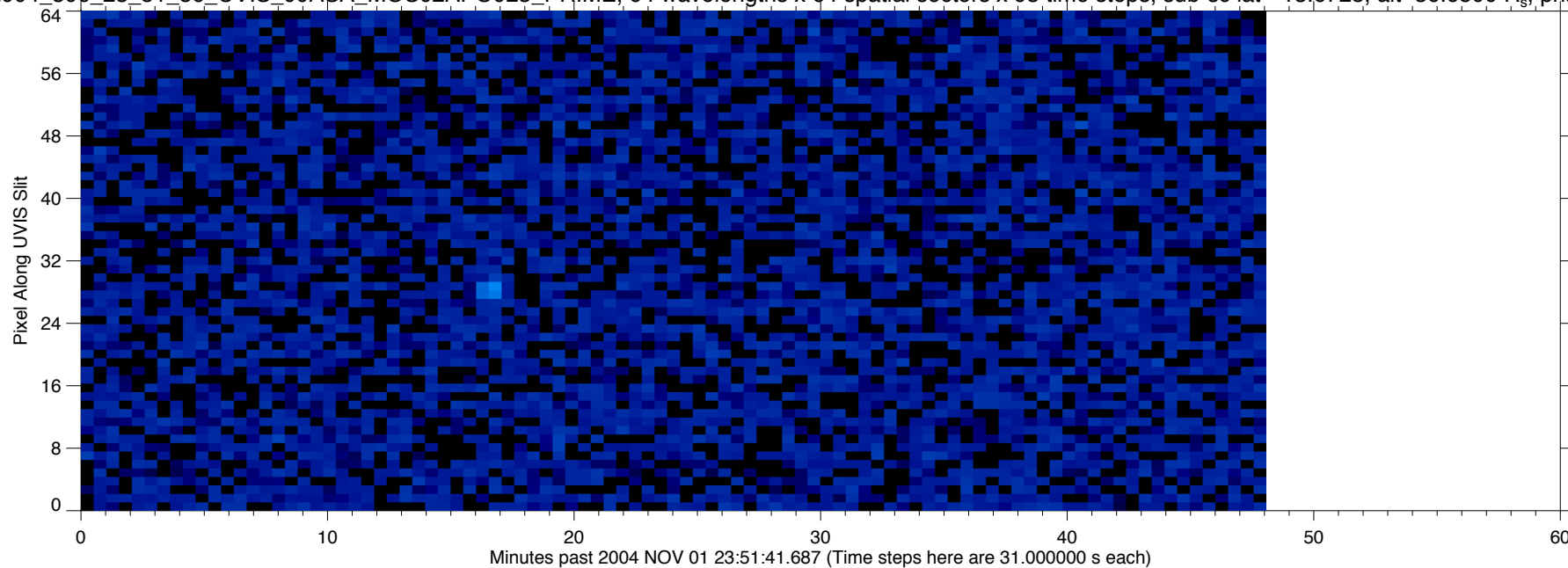
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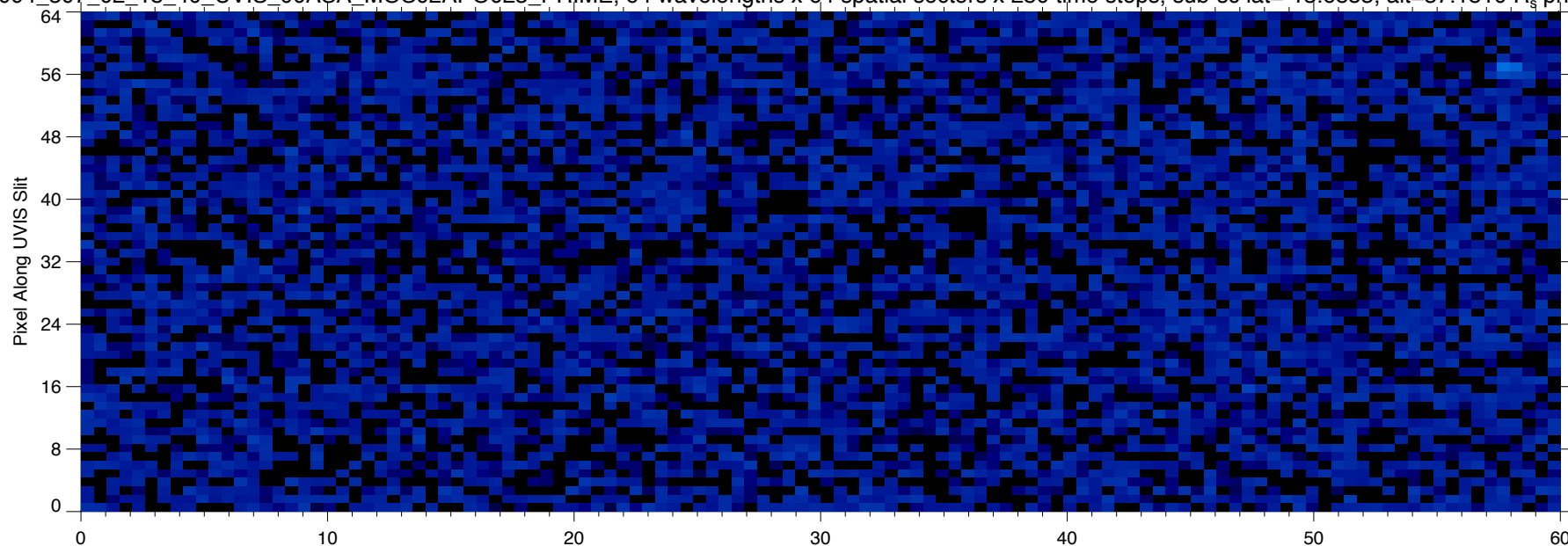
FUV2004_306_23_51_56_UVIS_00ASA_MOS02APO023_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-13.6728, alt=36.6500 R_s, phase=107.790



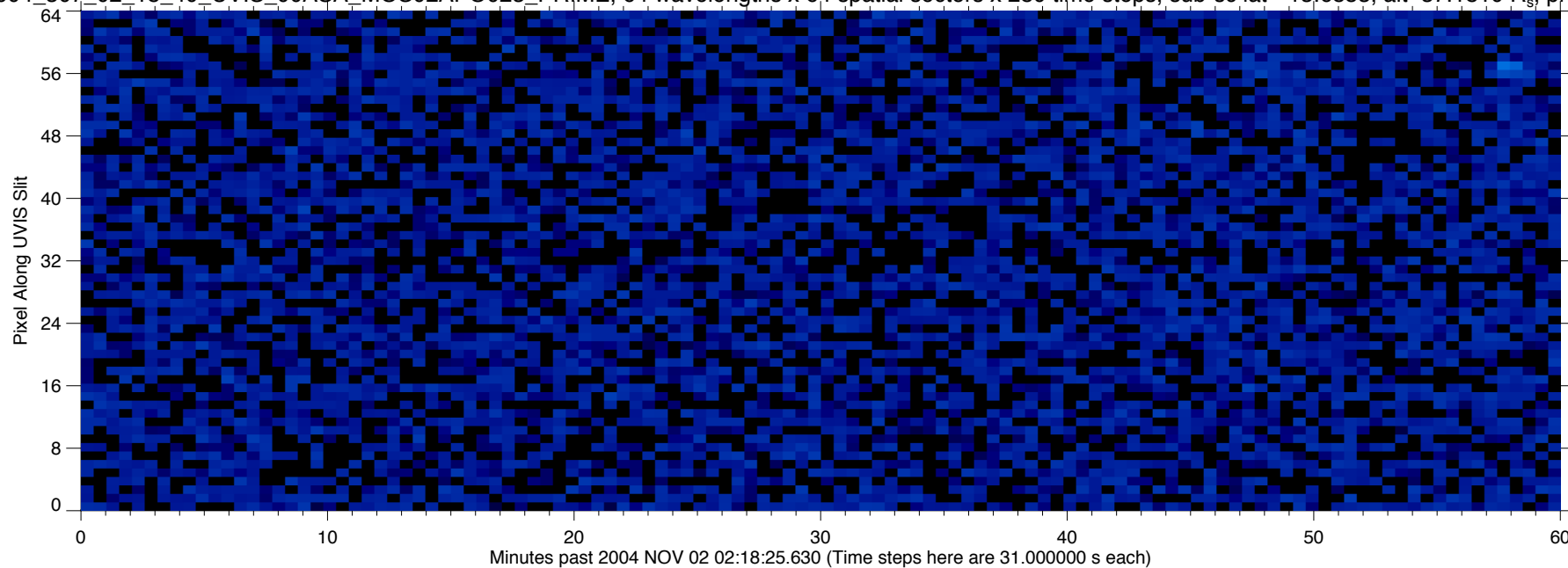
FUV2004_306_23_51_56_UVIS_00ASA_MOS02APO023_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-13.6728, alt=36.6500 R_s, phase=107.790



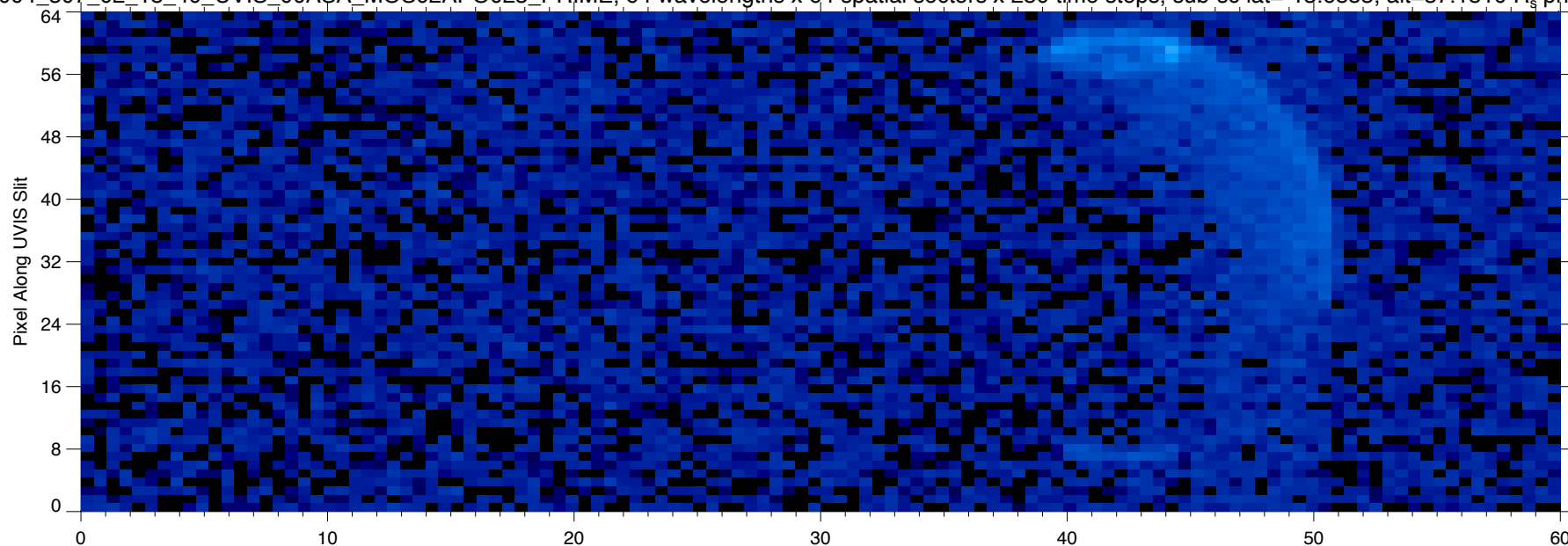
FUV2004_307_02_18_40_UVIS_00ASA_MOS02APO023_PRIME, 64 wavelengths x 64 spatial sectors x 280 time steps, sub-sc lat=-13.6853, alt=37.1810 R_s, phase=107.363



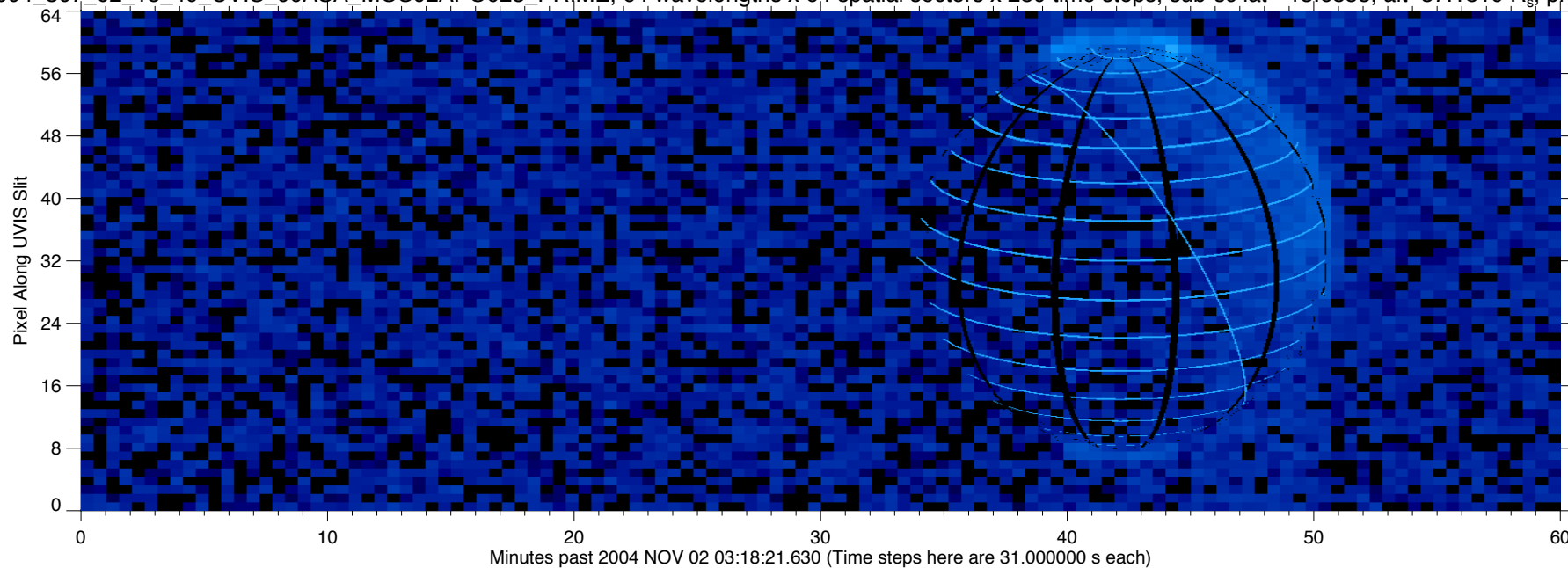
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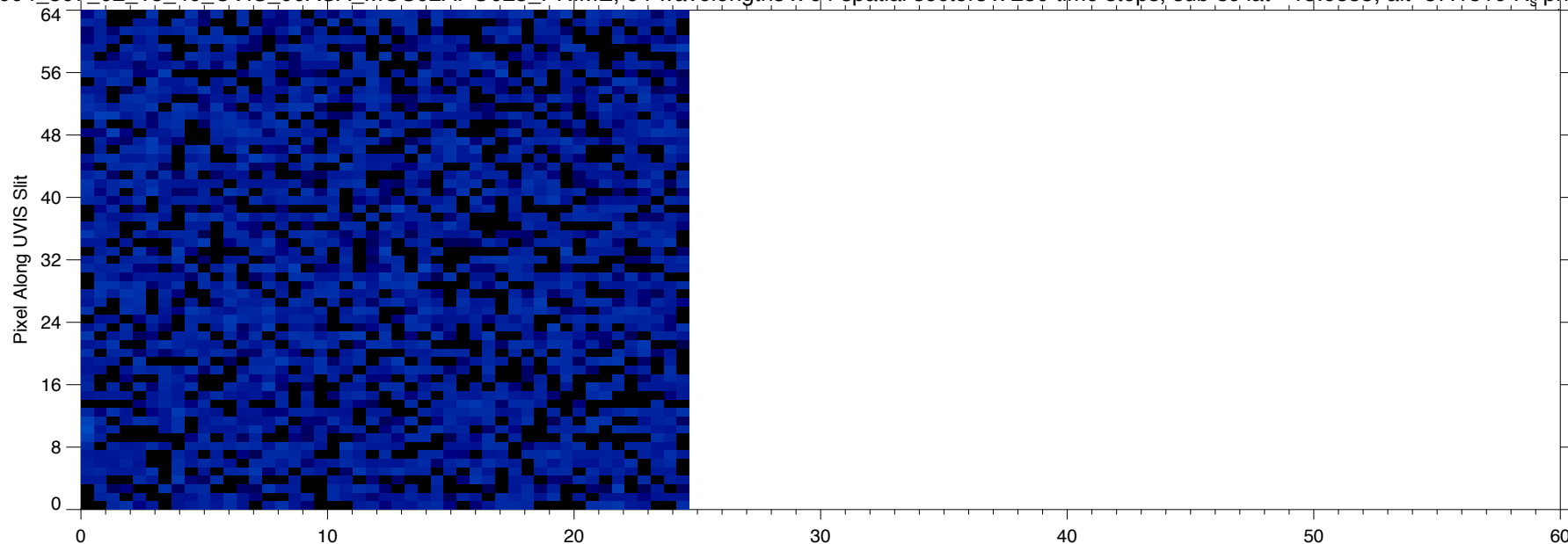
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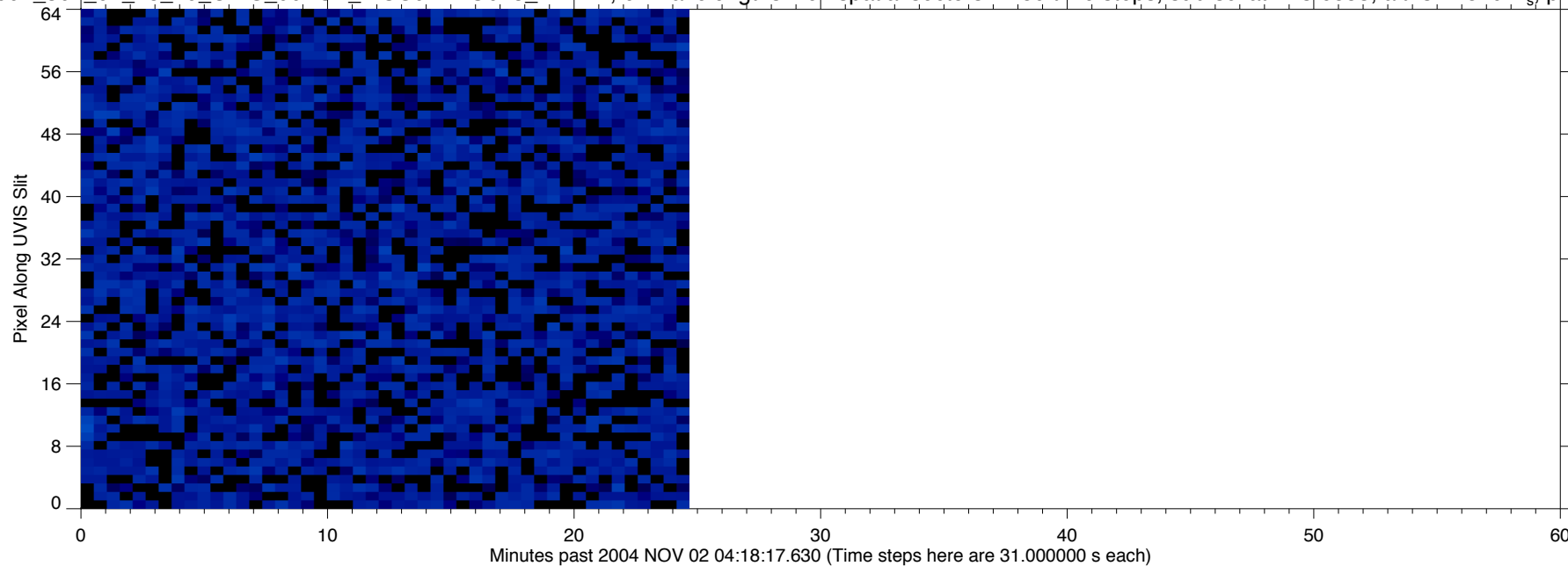
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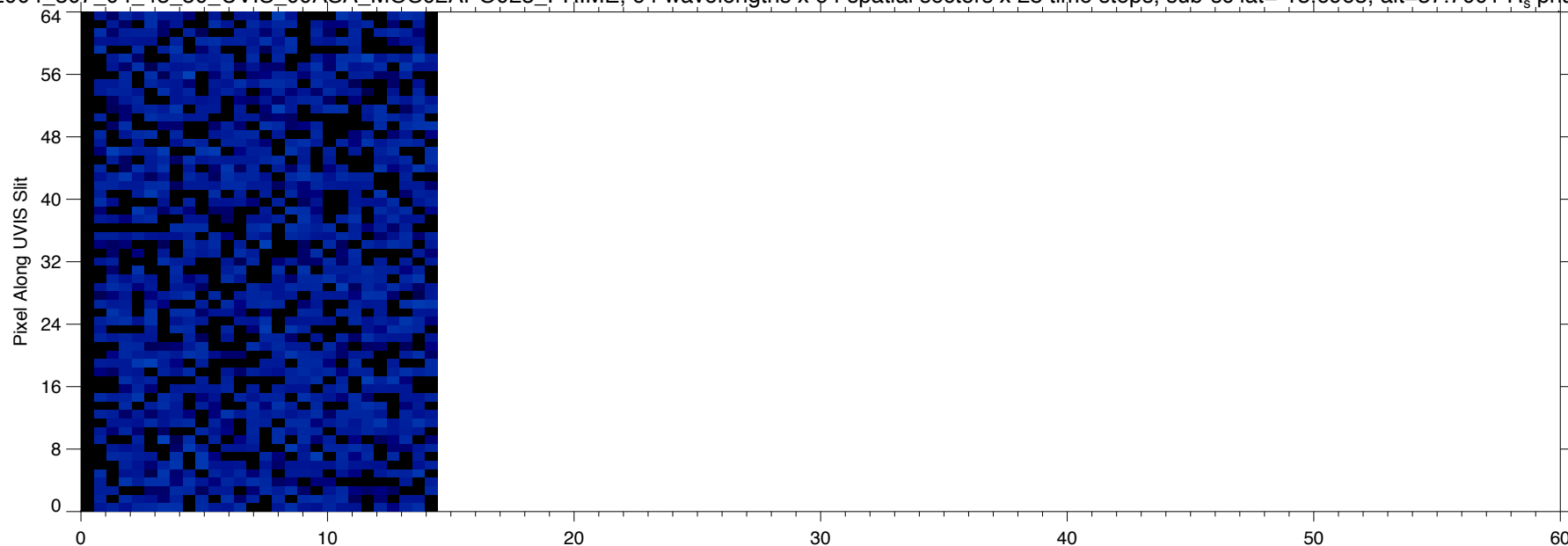
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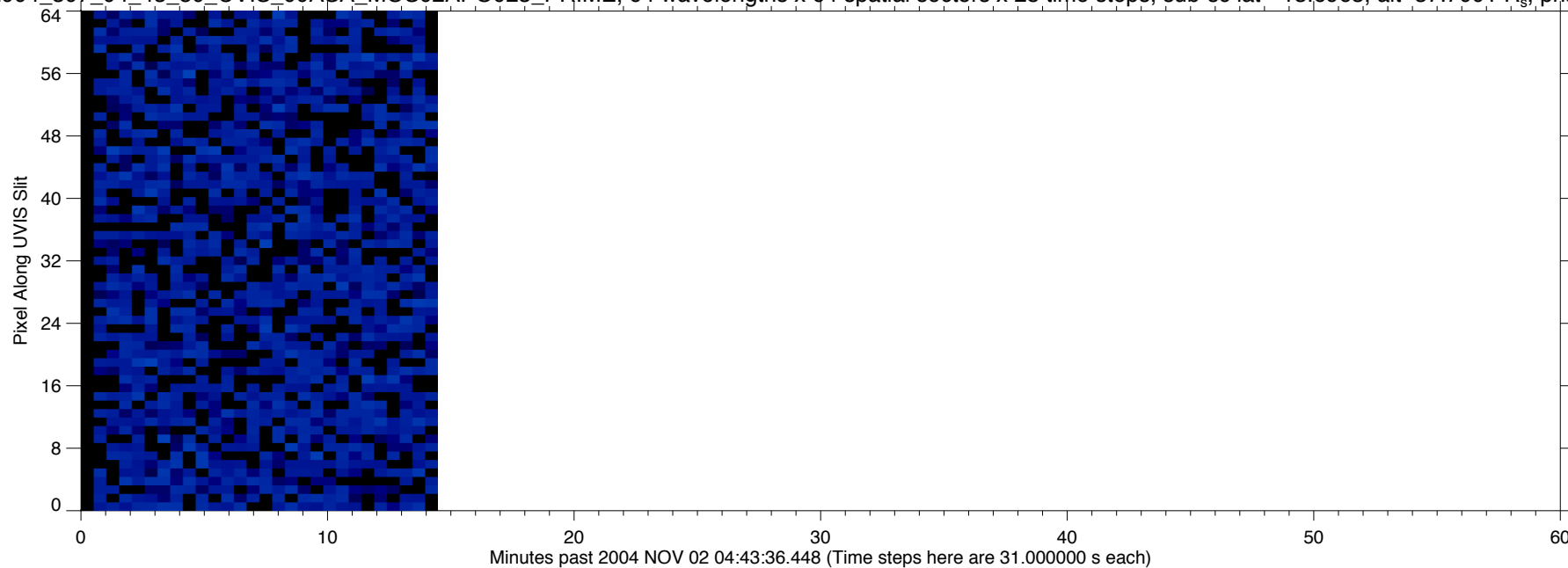
FUV2004_307_02_18_40_UVIS_00ASA_MOS02APO023_PRIME, 64 wavelengths x 64 spatial sectors x 280 time steps, sub-sc lat=-13.6853, alt=37.1810 R_s phase=107.363



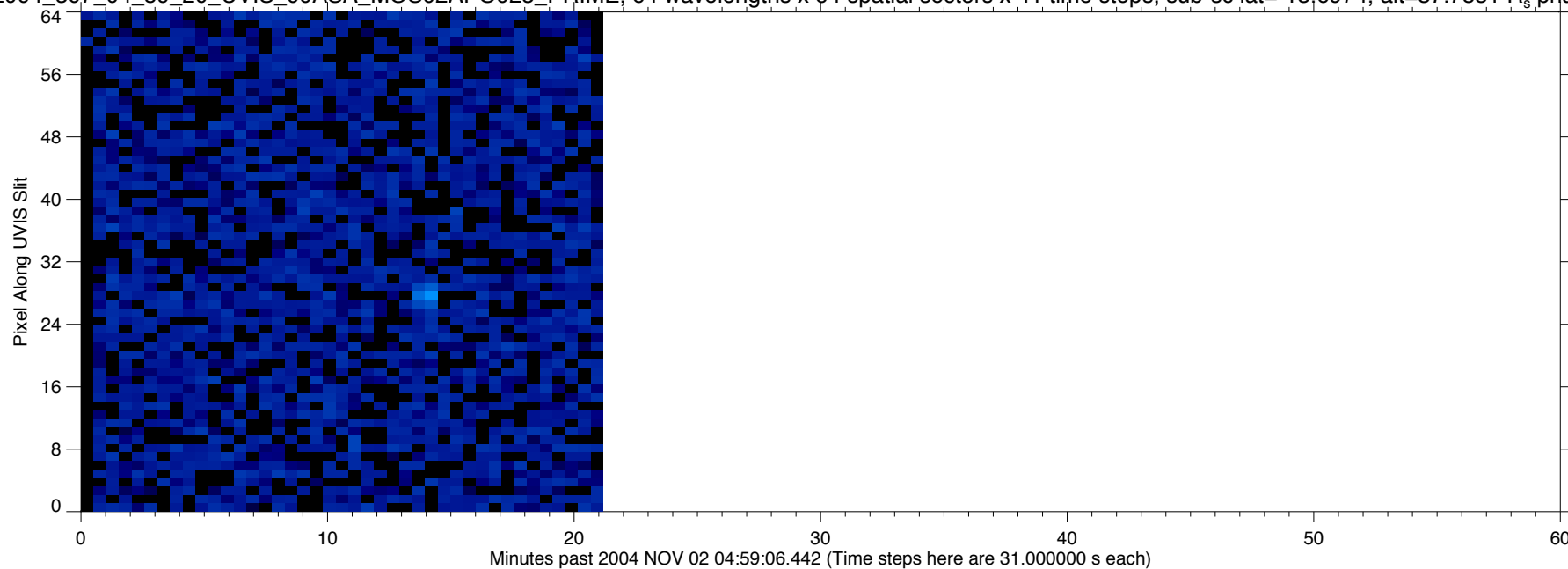
FUV2004_307_04_43_50_UVIS_00ASA_MOS02APO023_PRIME, 64 wavelengths x 64 spatial sectors x 28 time steps, sub-sc lat=-13.6963, alt=37.7001 R_s, phase=106.951



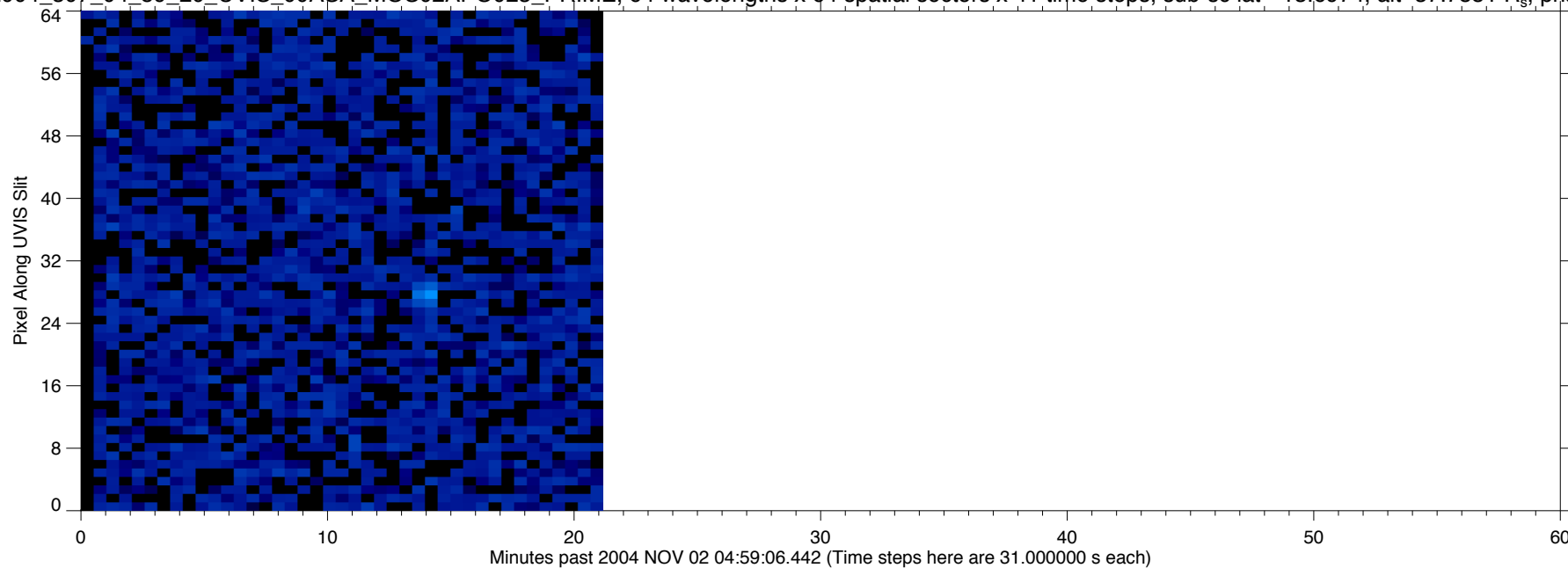
FUV2004_307_04_43_50_UVIS_00ASA_MOS02APO023_PRIME, 64 wavelengths x 64 spatial sectors x 28 time steps, sub-sc lat=-13.6963, alt=37.7001 R_s, phase=106.951



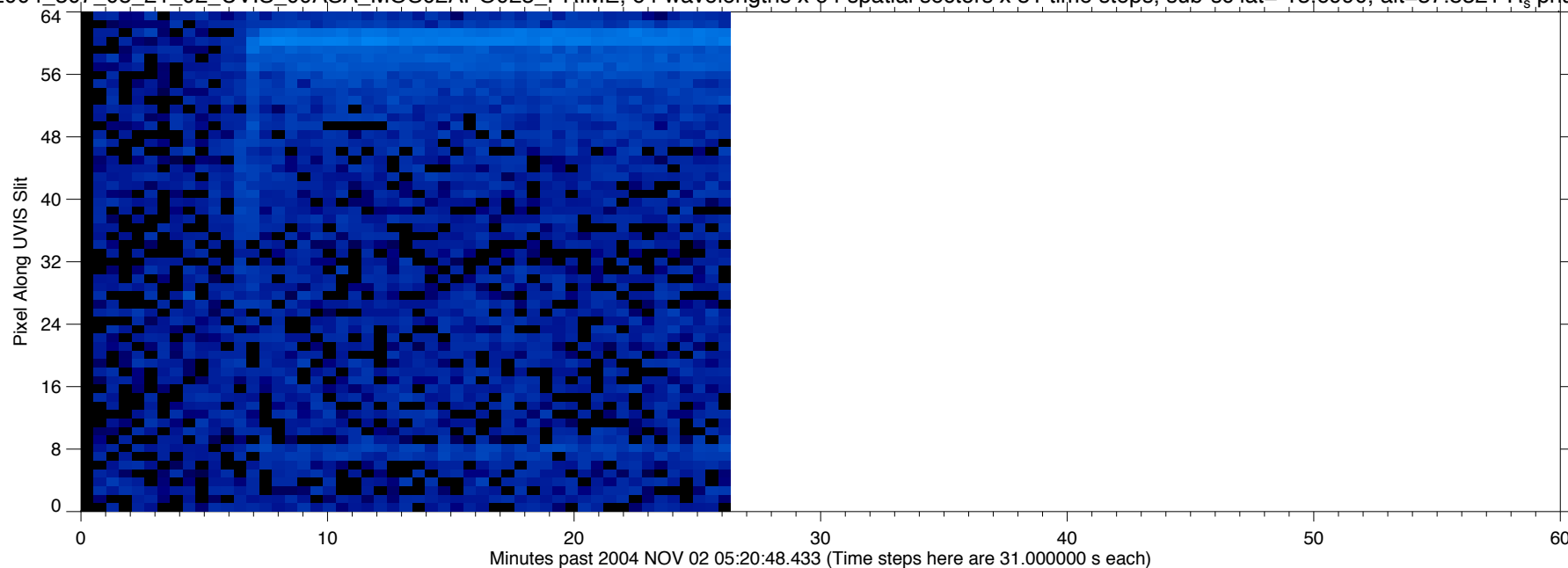
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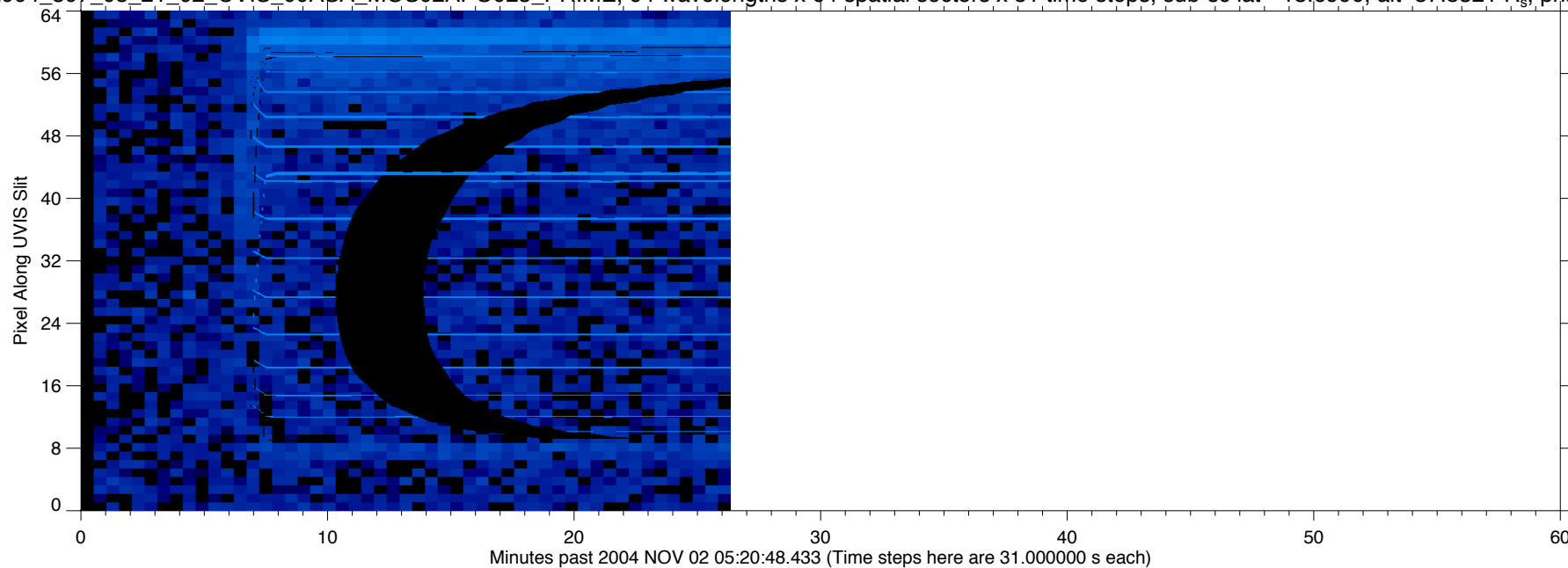
FUV2004_307_04_59_20_UVIS_00ASA_MOS02APO023_PRIME, 64 wavelengths x 64 spatial sectors x 41 time steps, sub-sc lat=-13.6974, alt=37.7551 R_s, phase=106.908



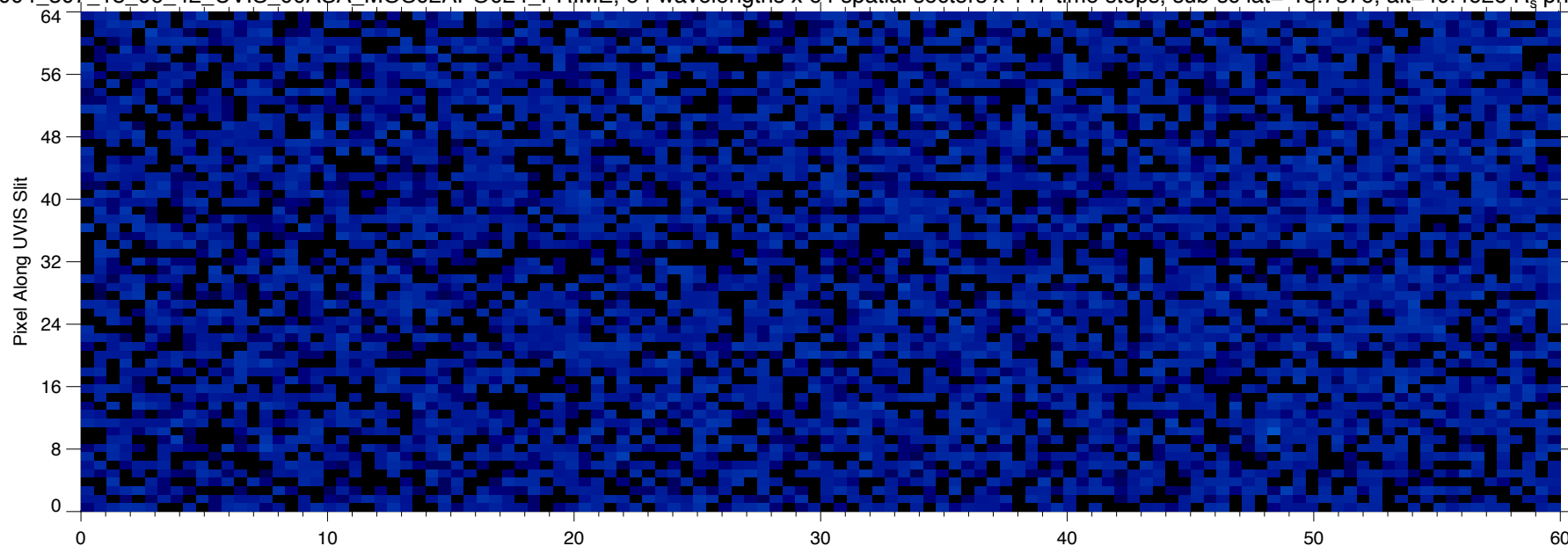
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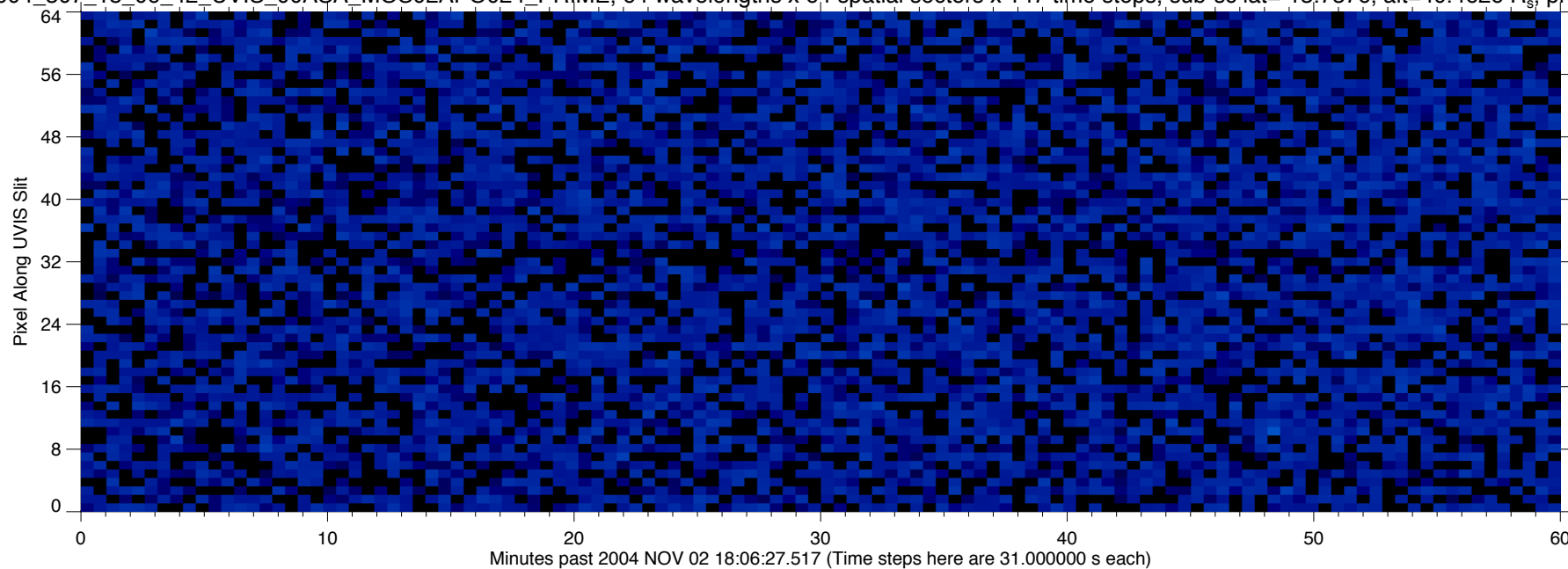
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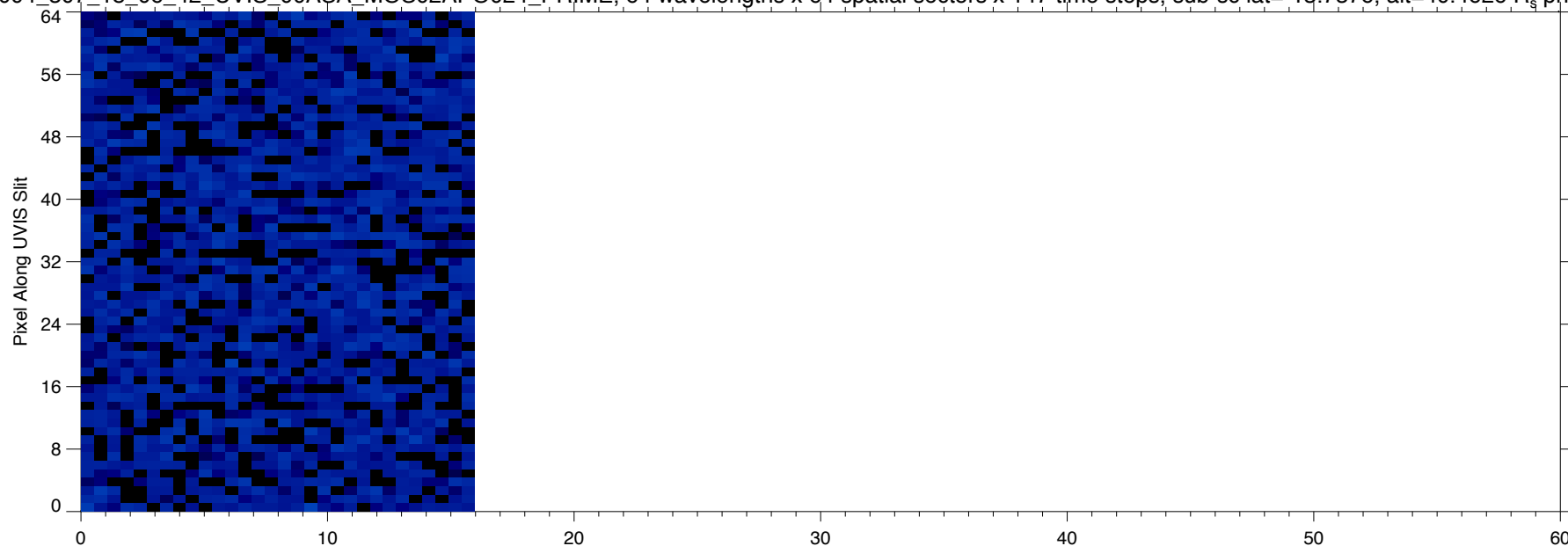
FUV2004_307_18_06_42_UVIS_00ASA_MOS02APO024_PRIME, 64 wavelengths x 64 spatial sectors x 147 time steps, sub-sc lat=-13.7376, alt=40.4626 R_s, phase=104.854



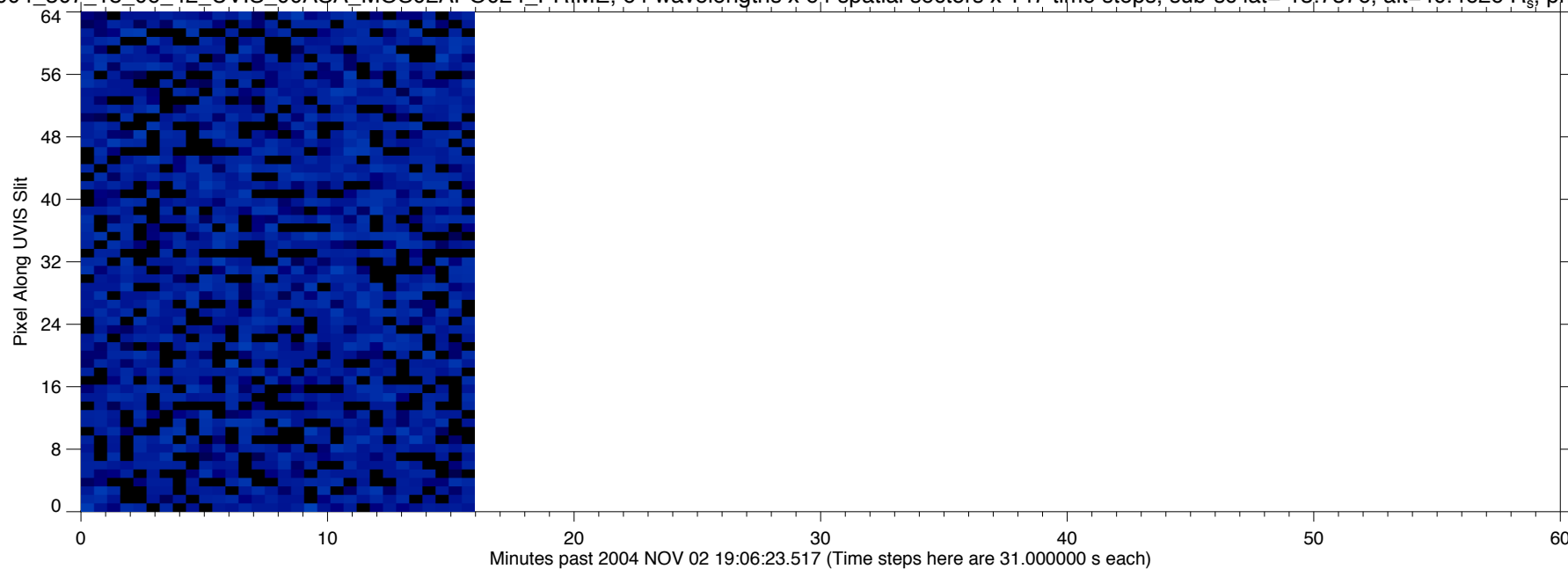
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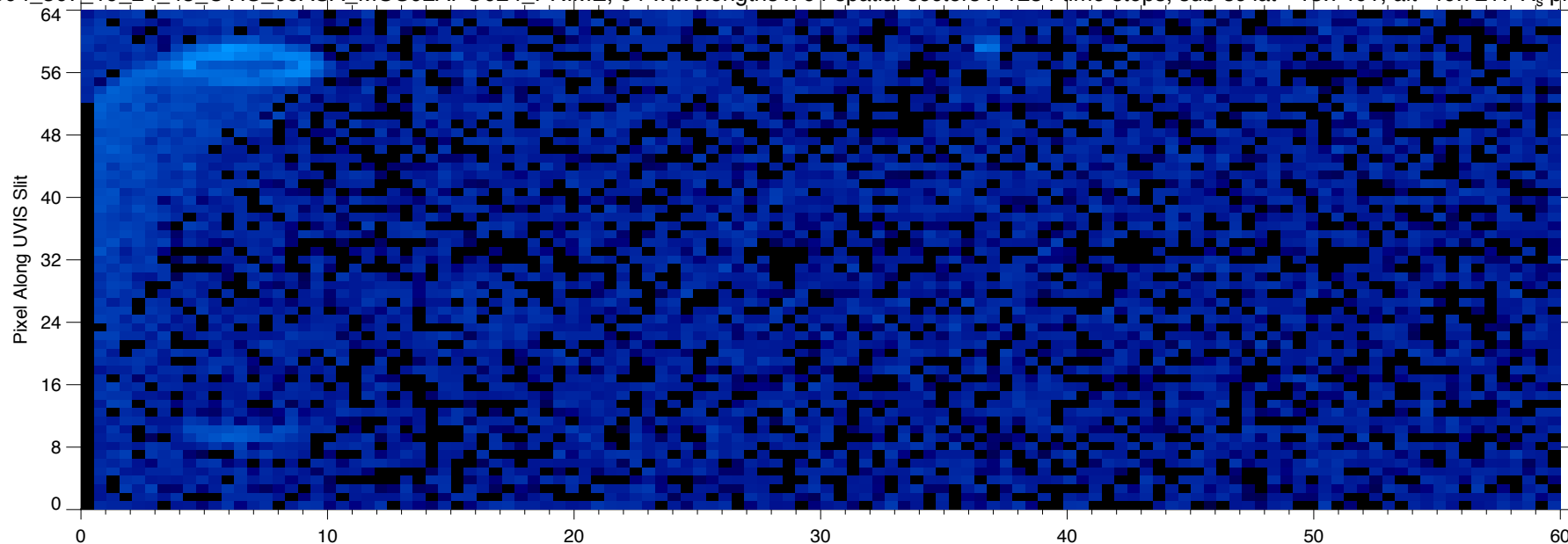
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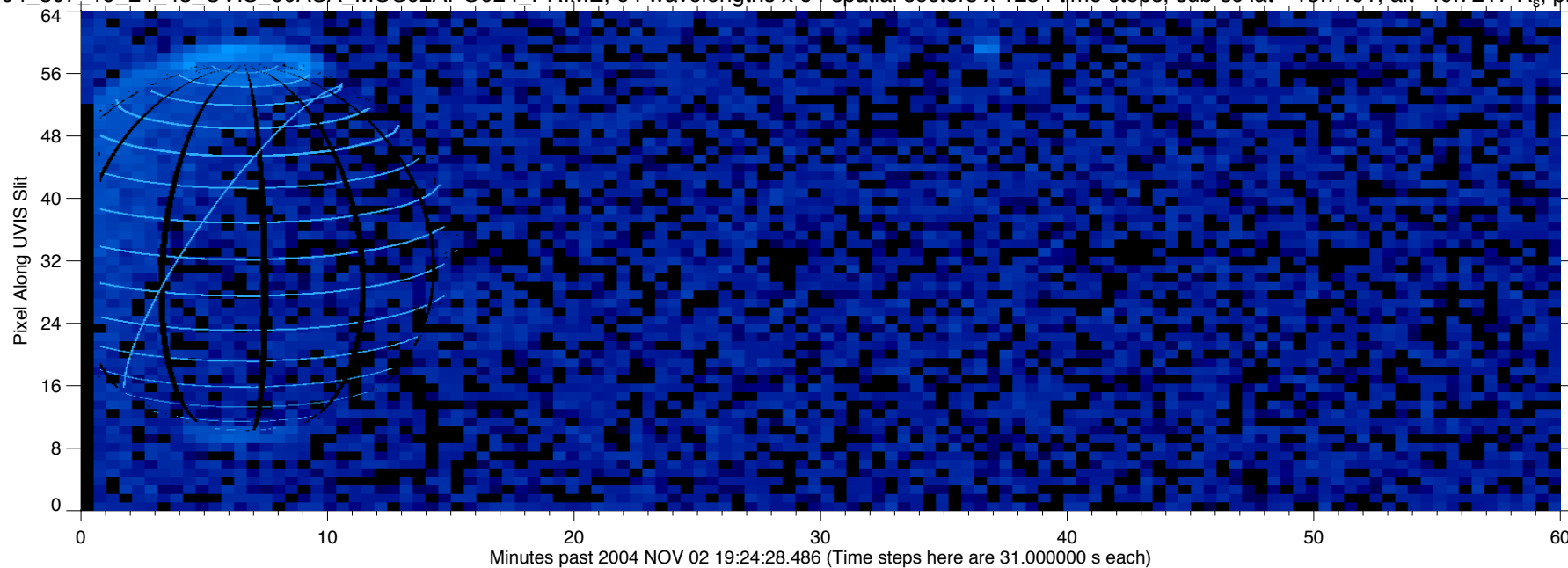
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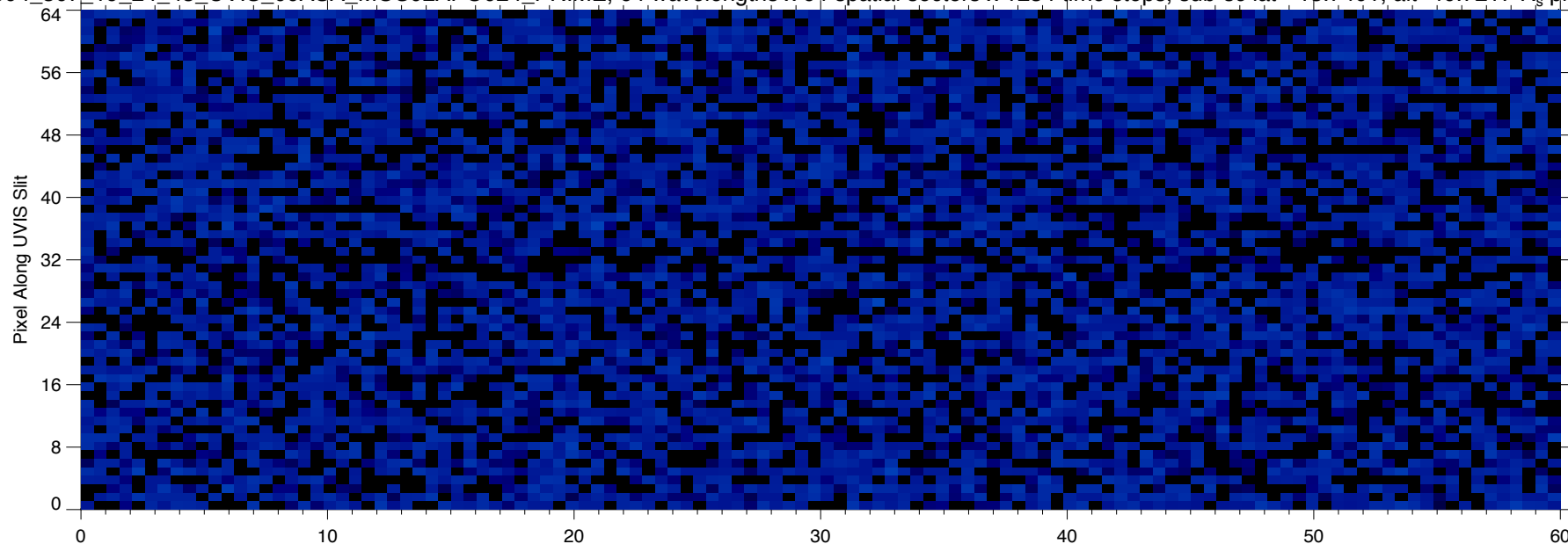
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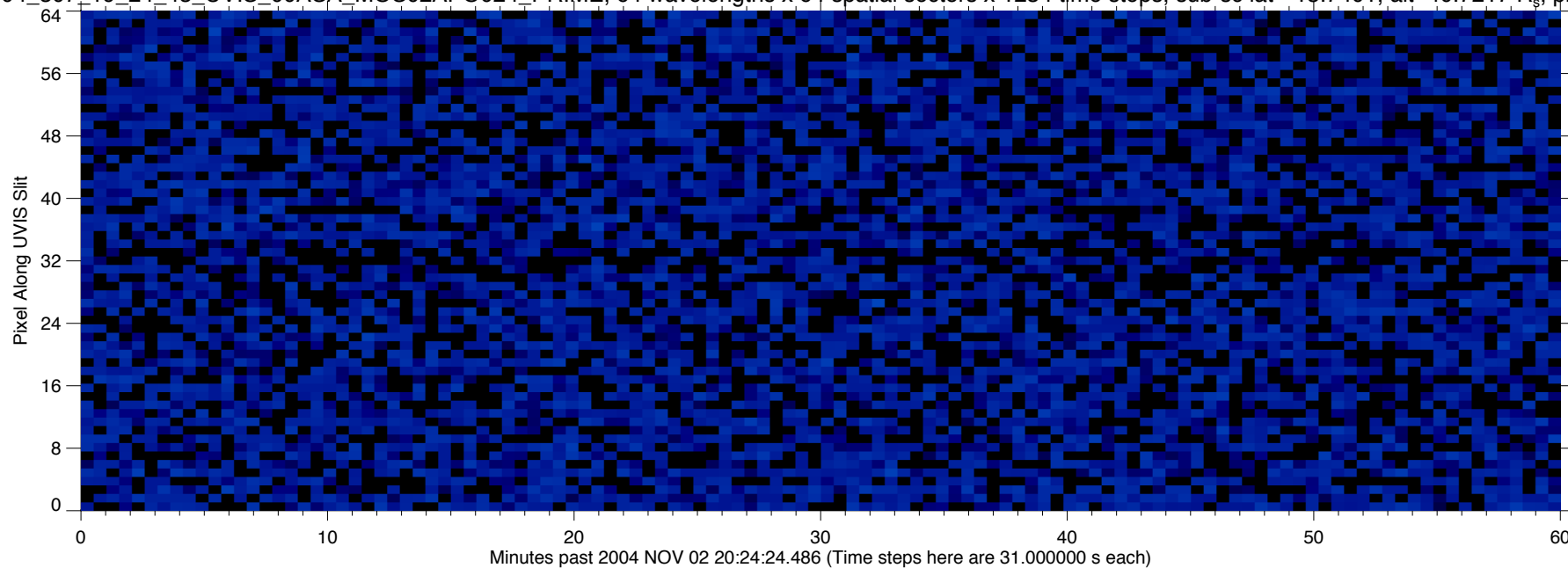
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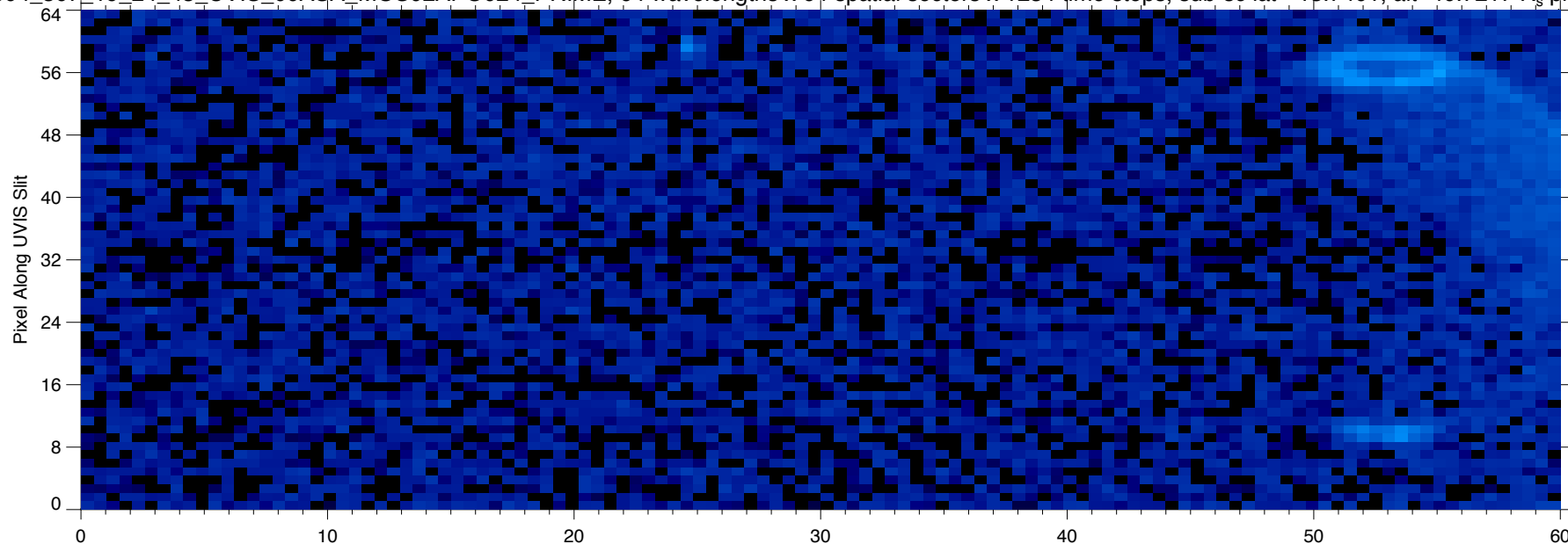
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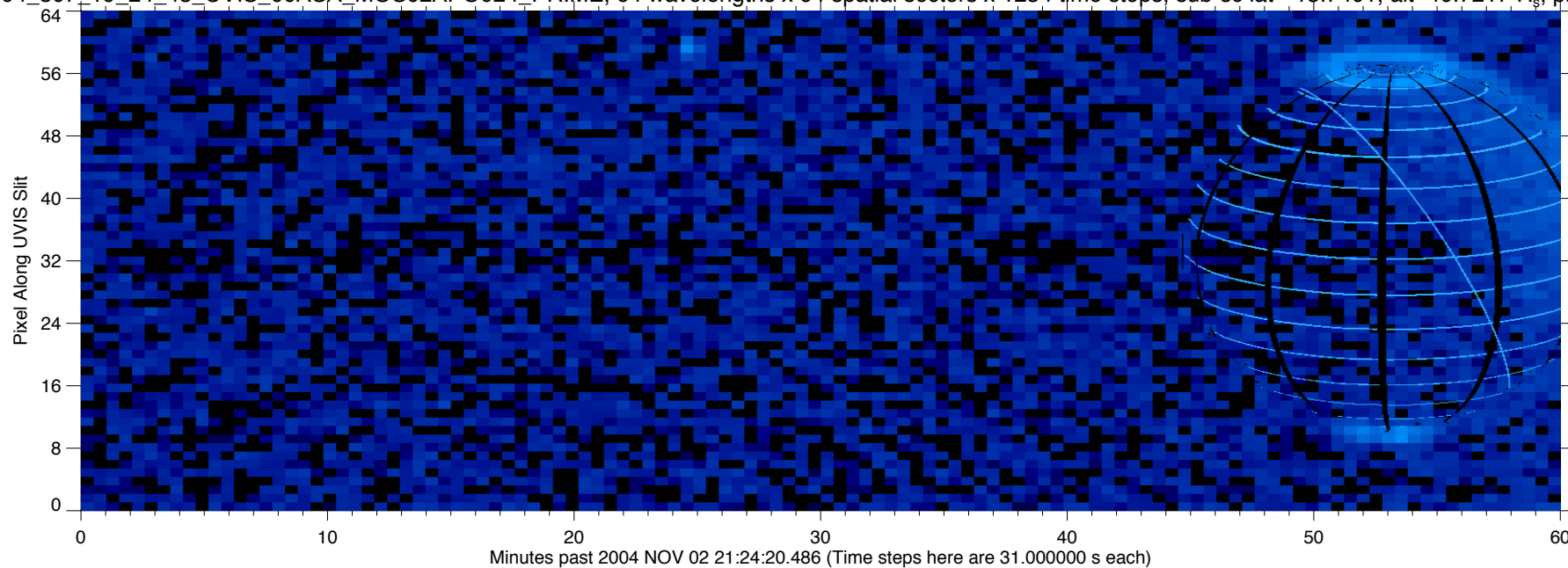
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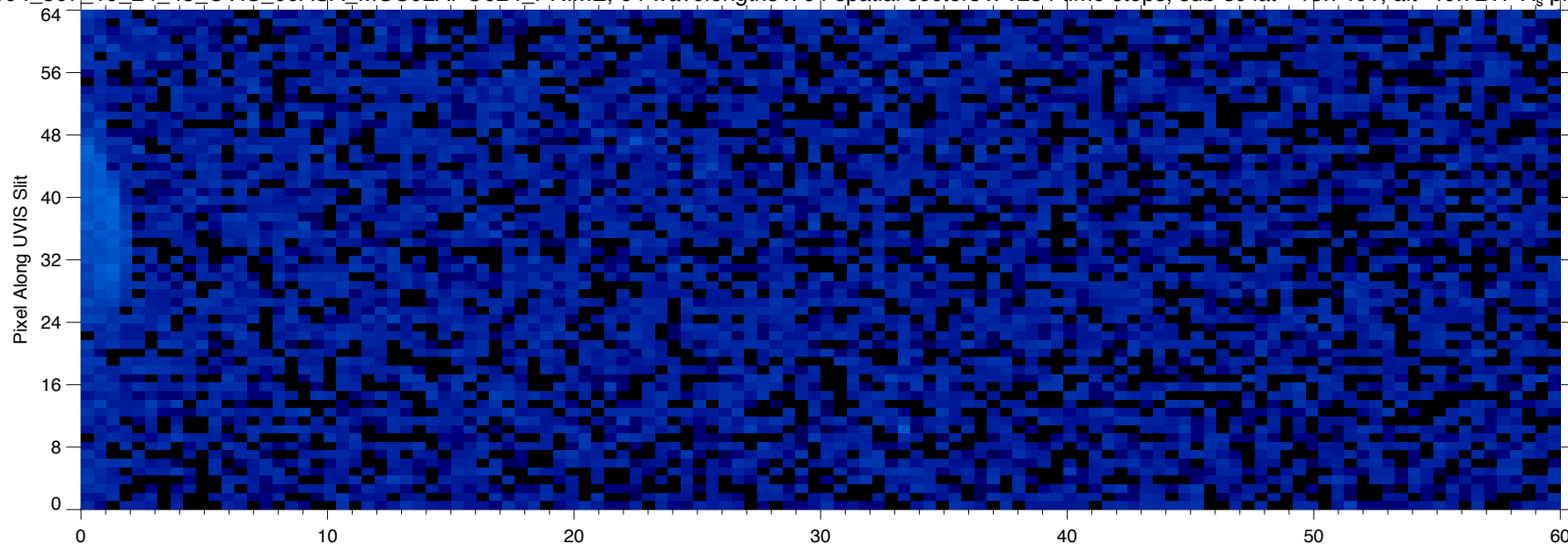
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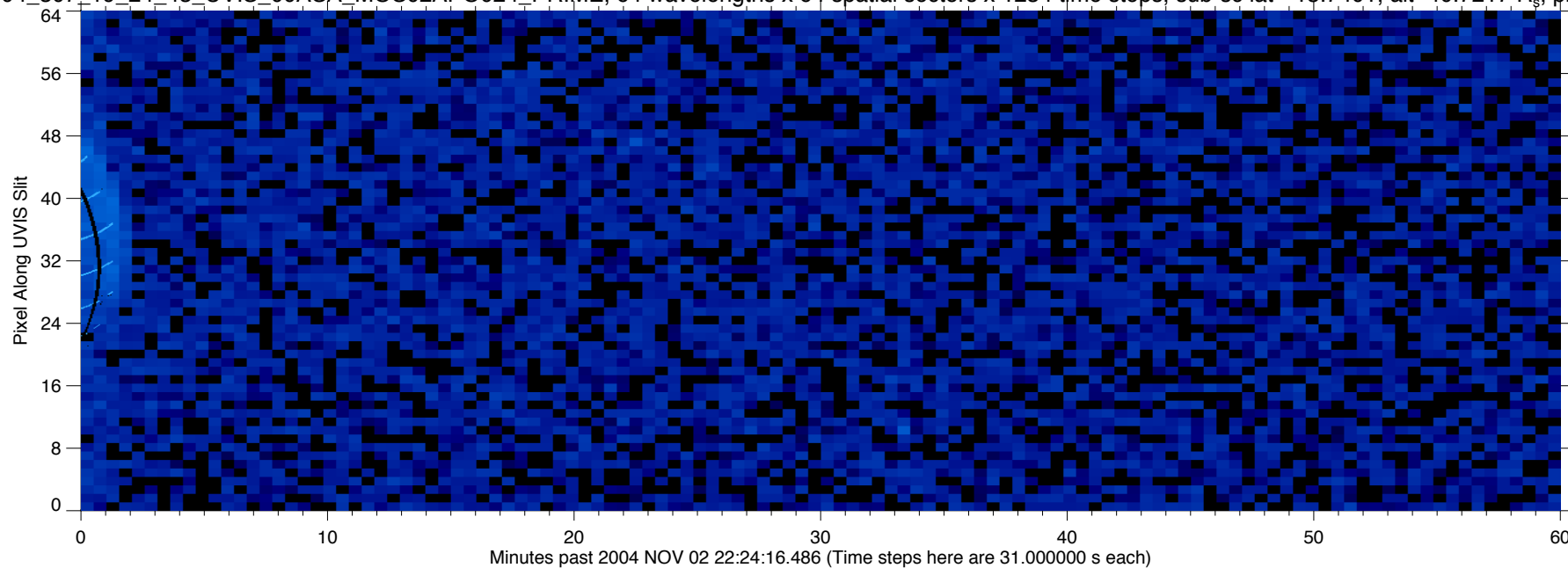
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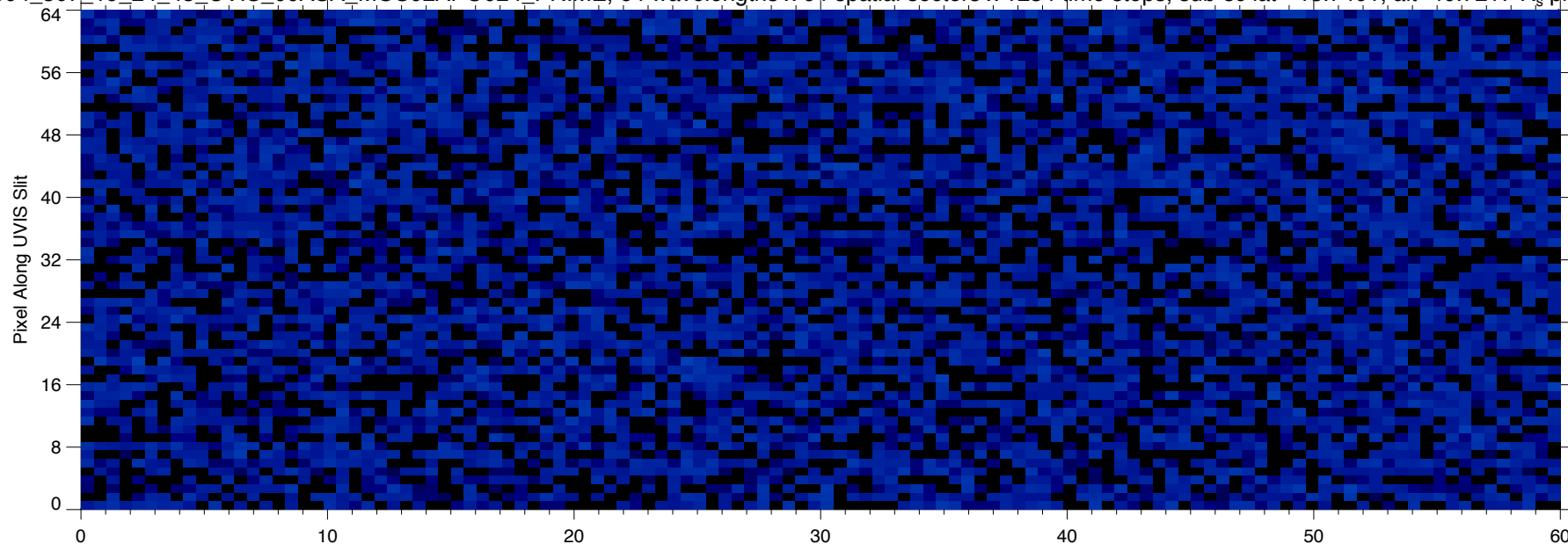
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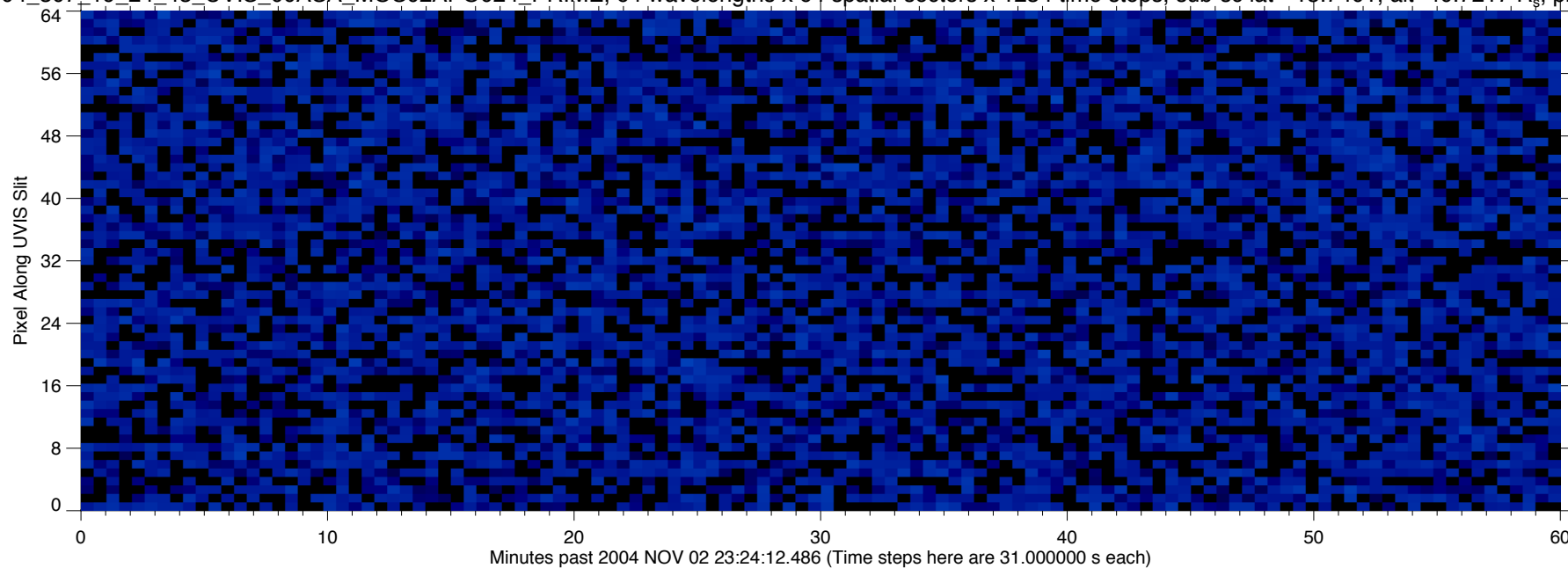
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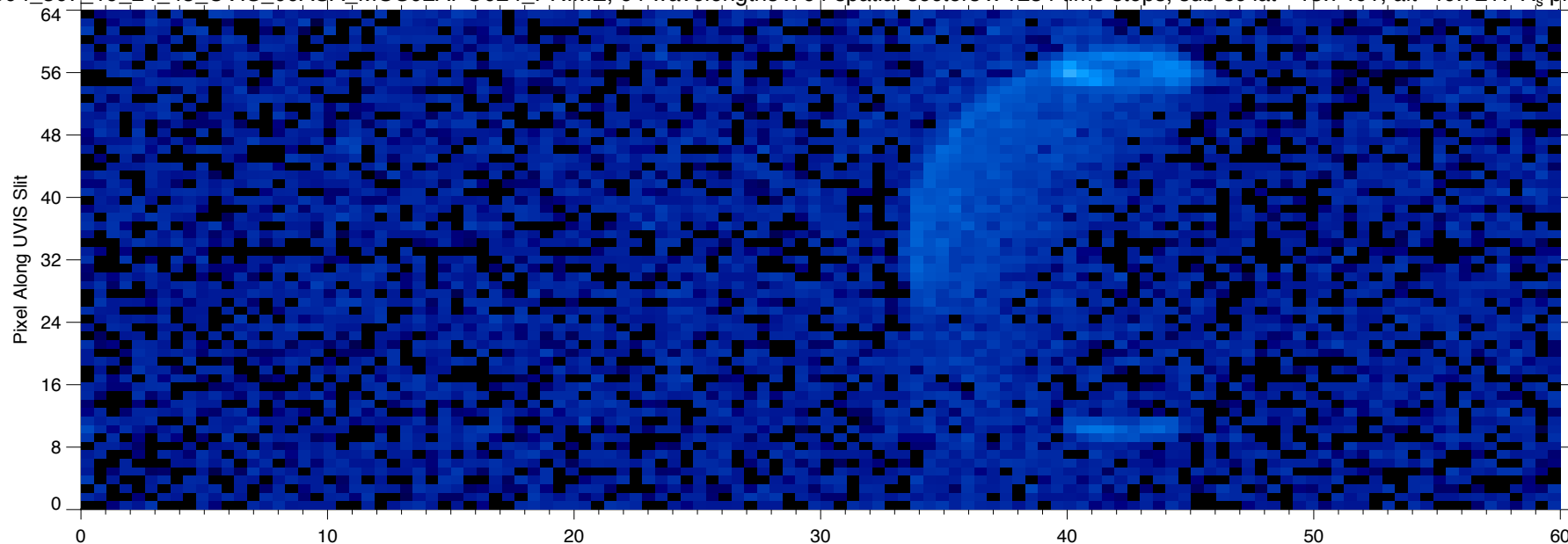
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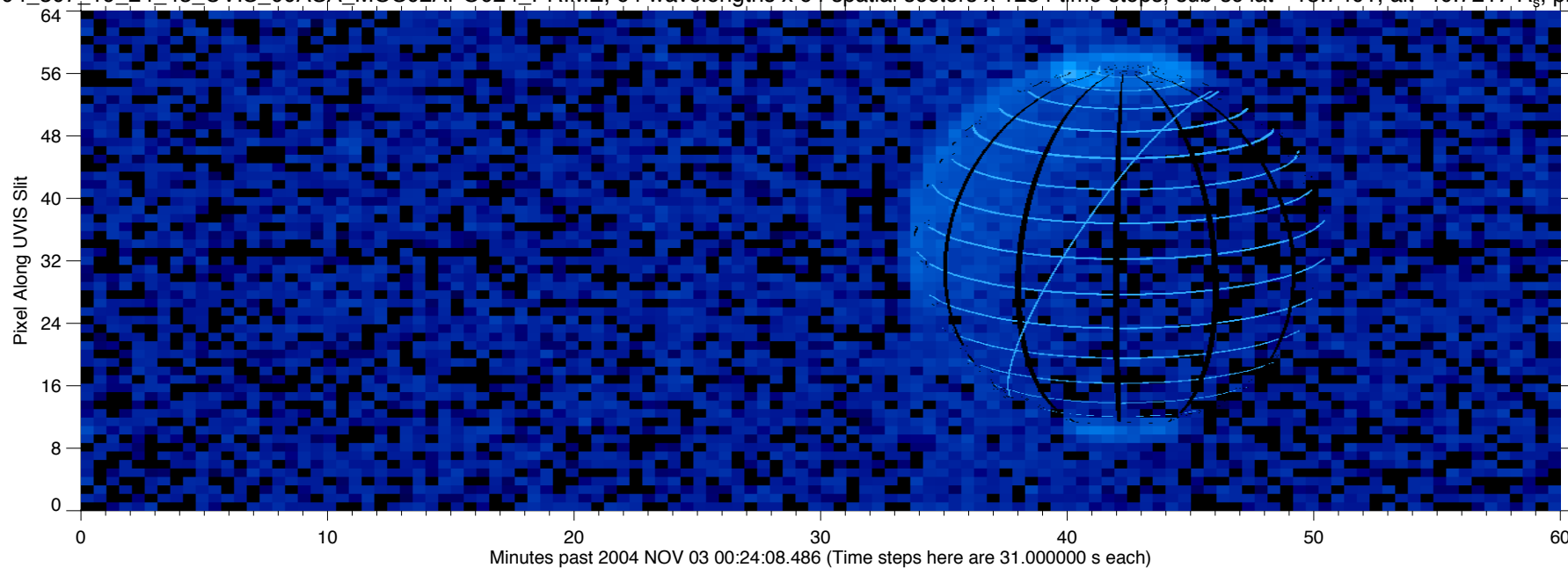
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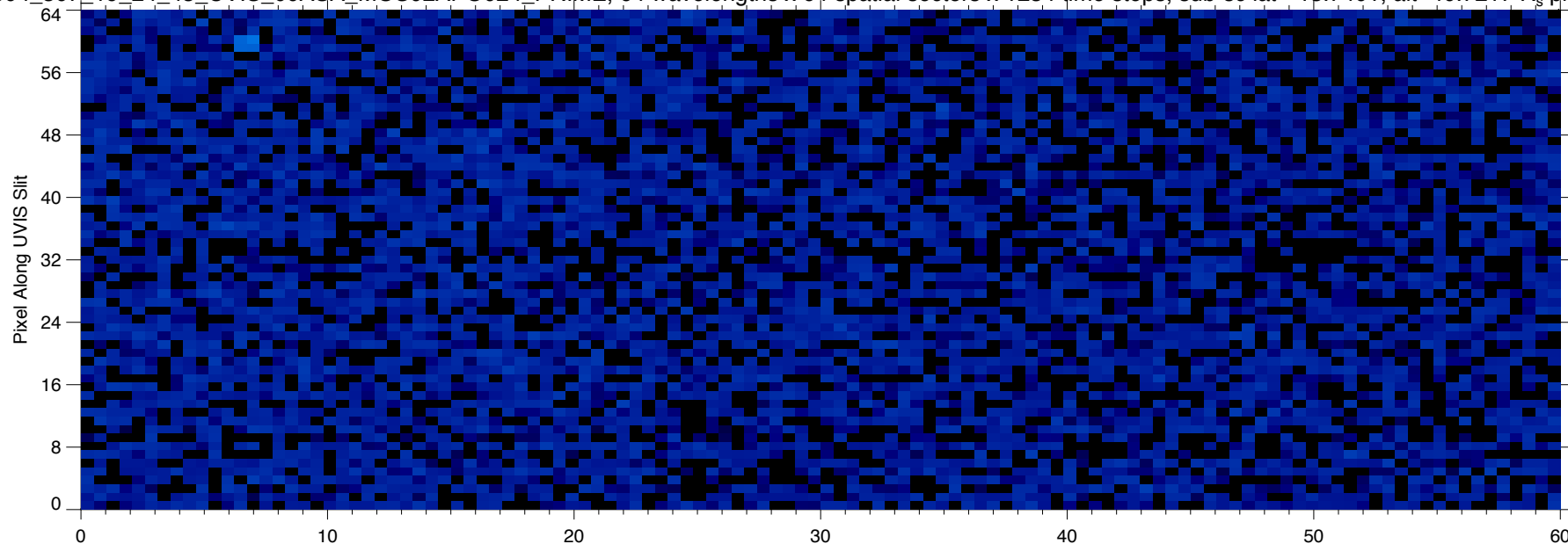
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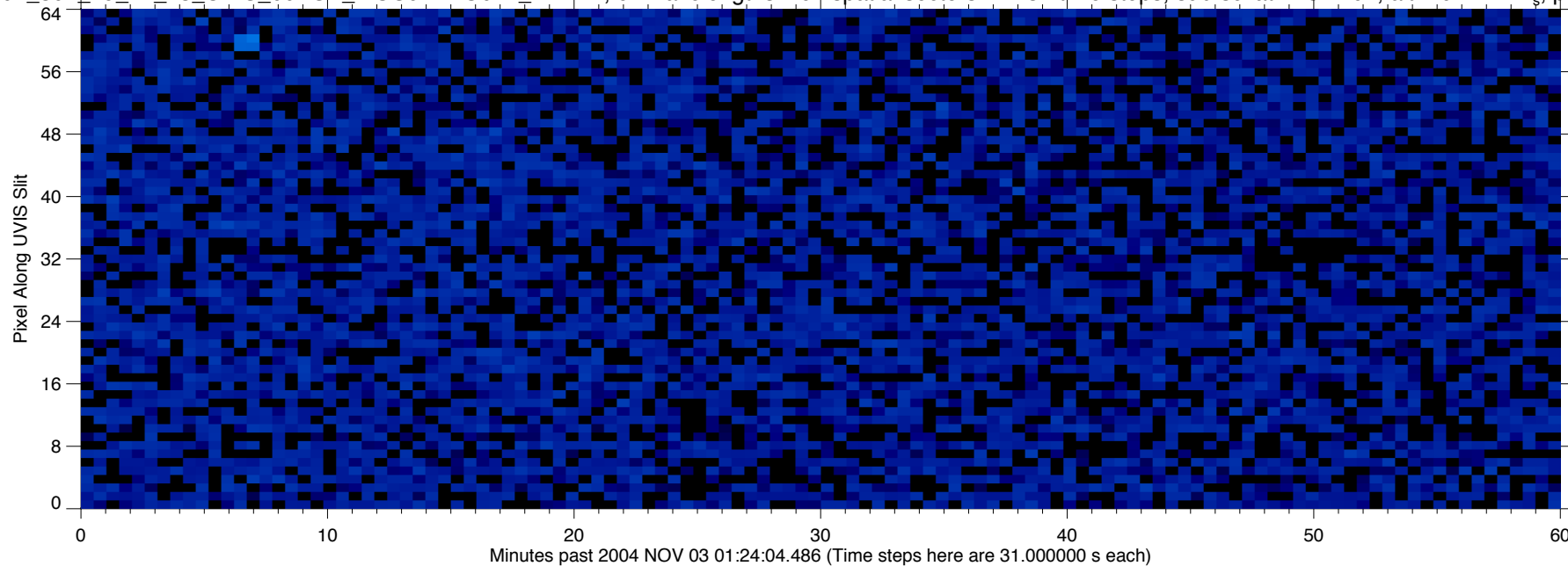
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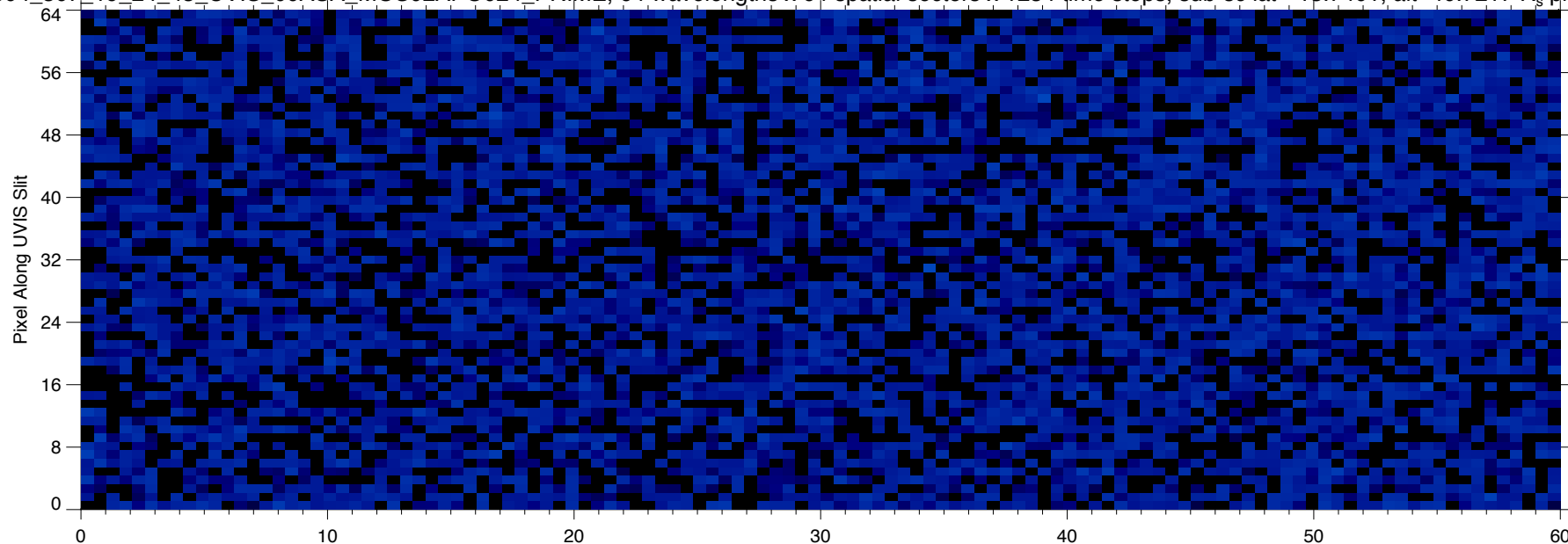
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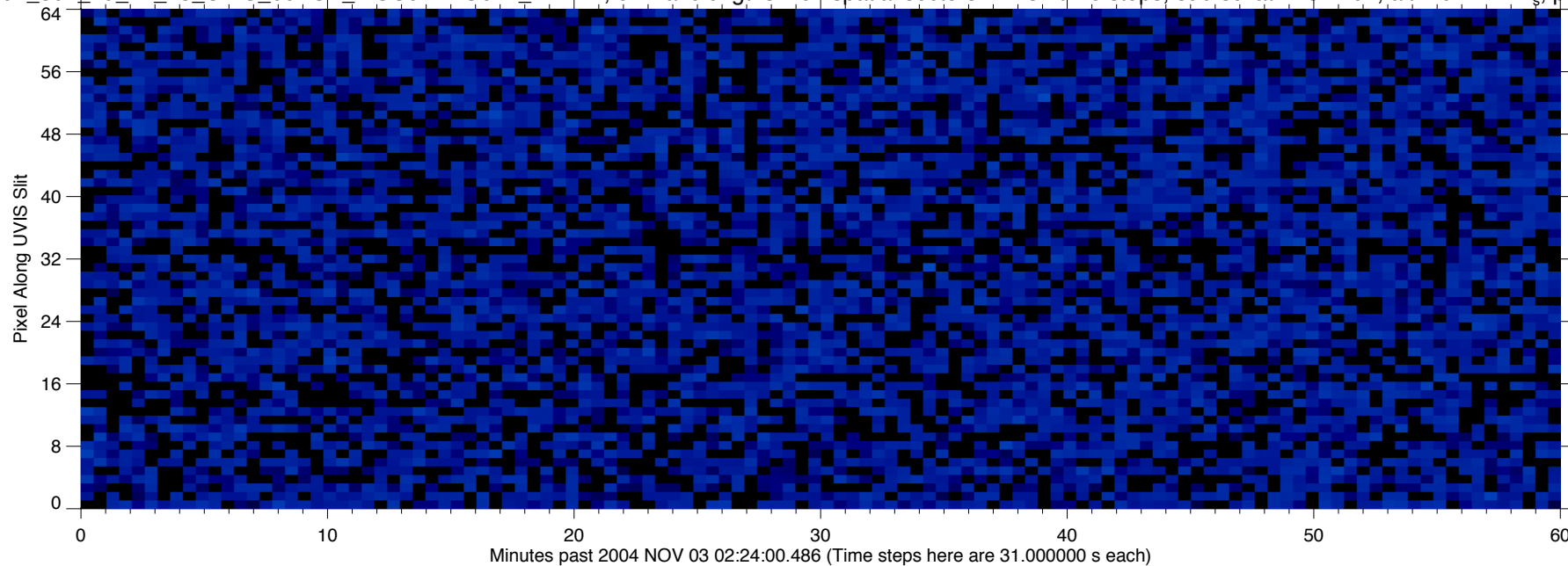
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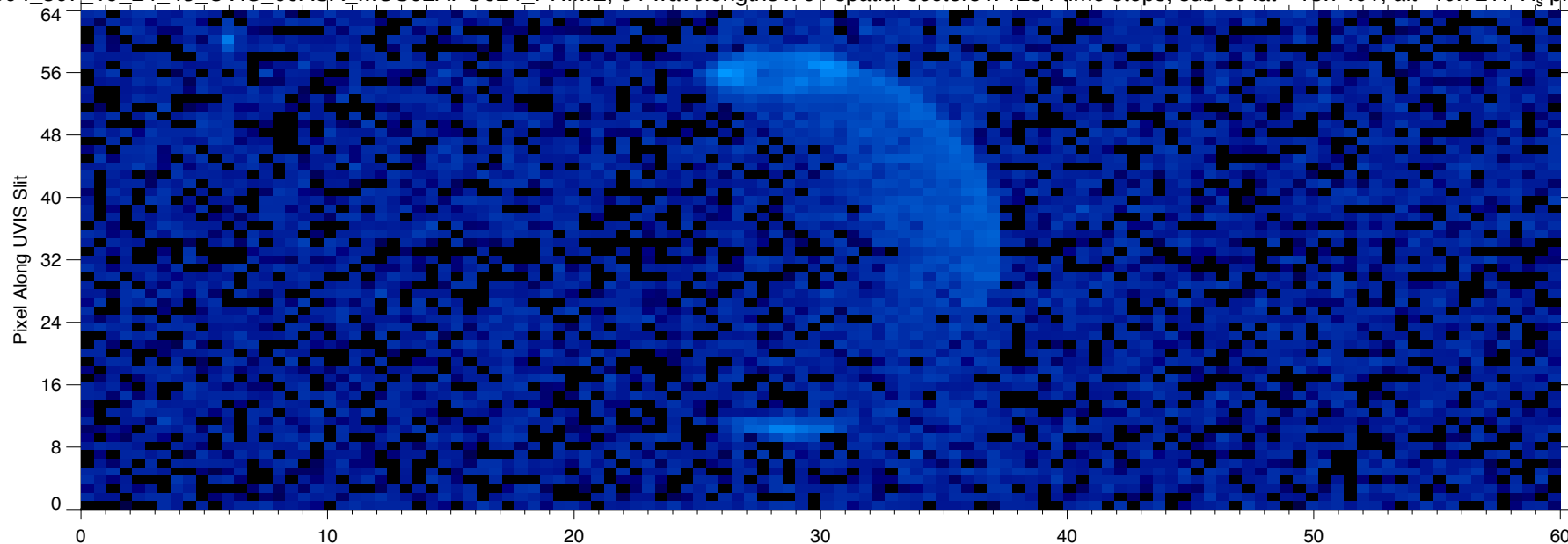
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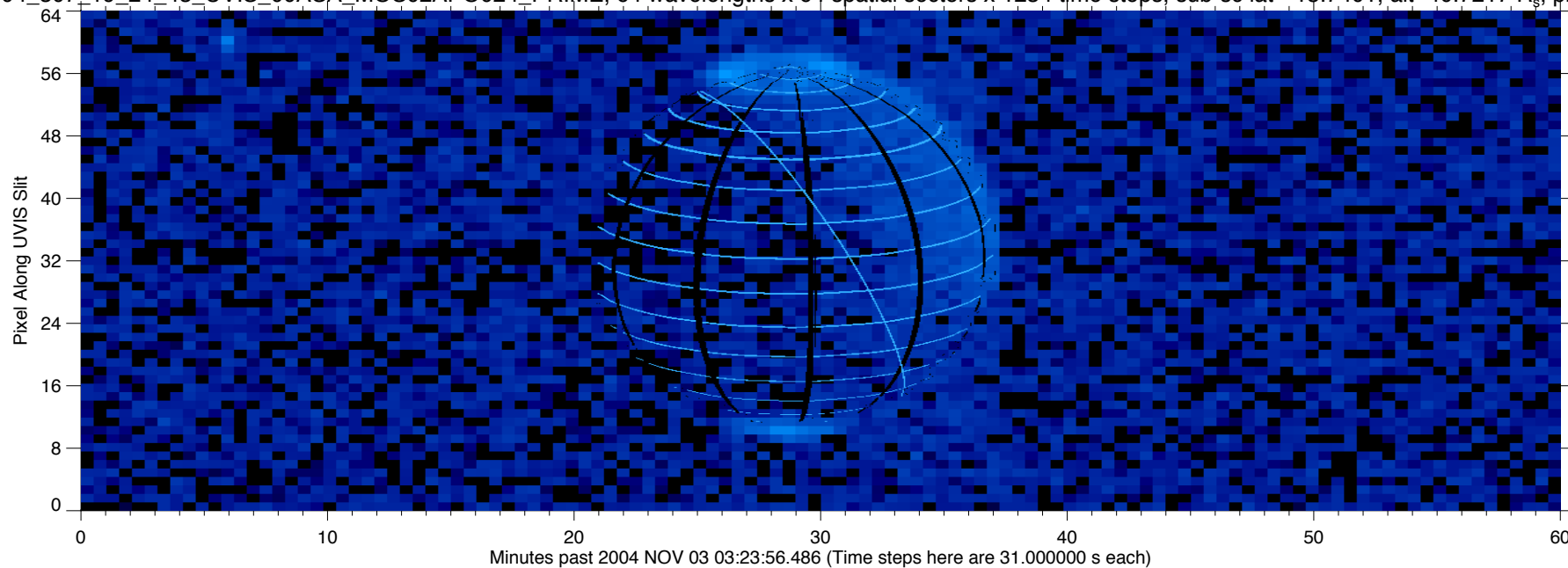
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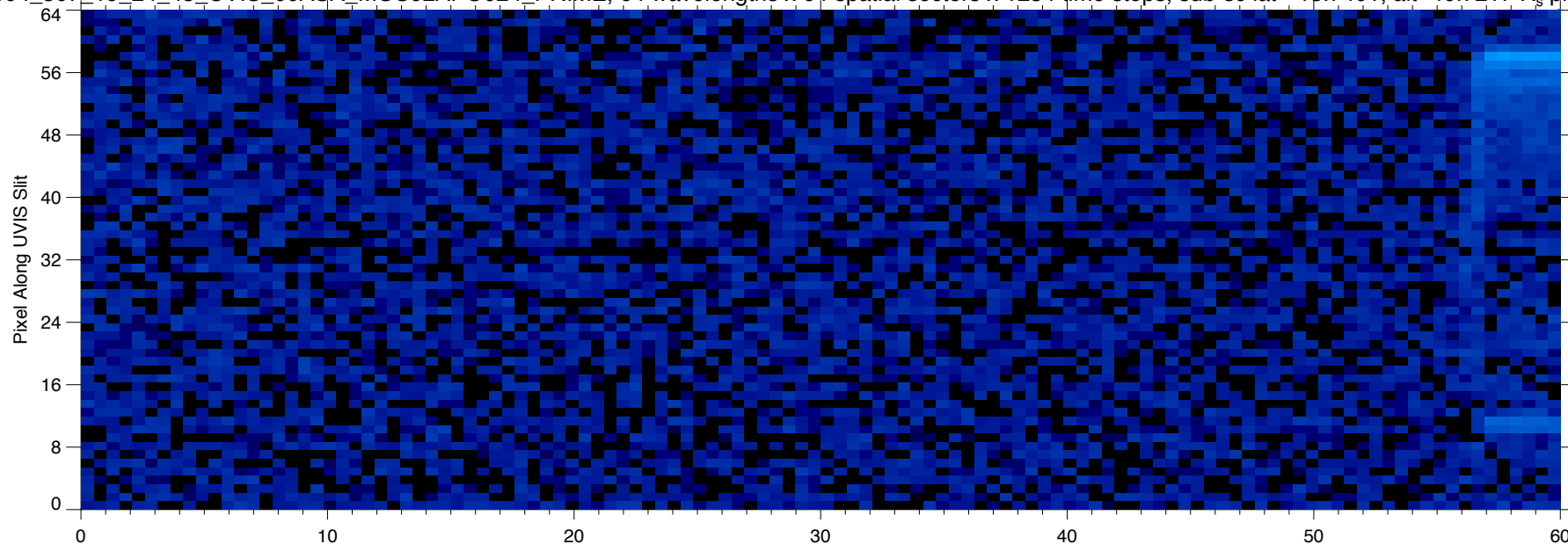
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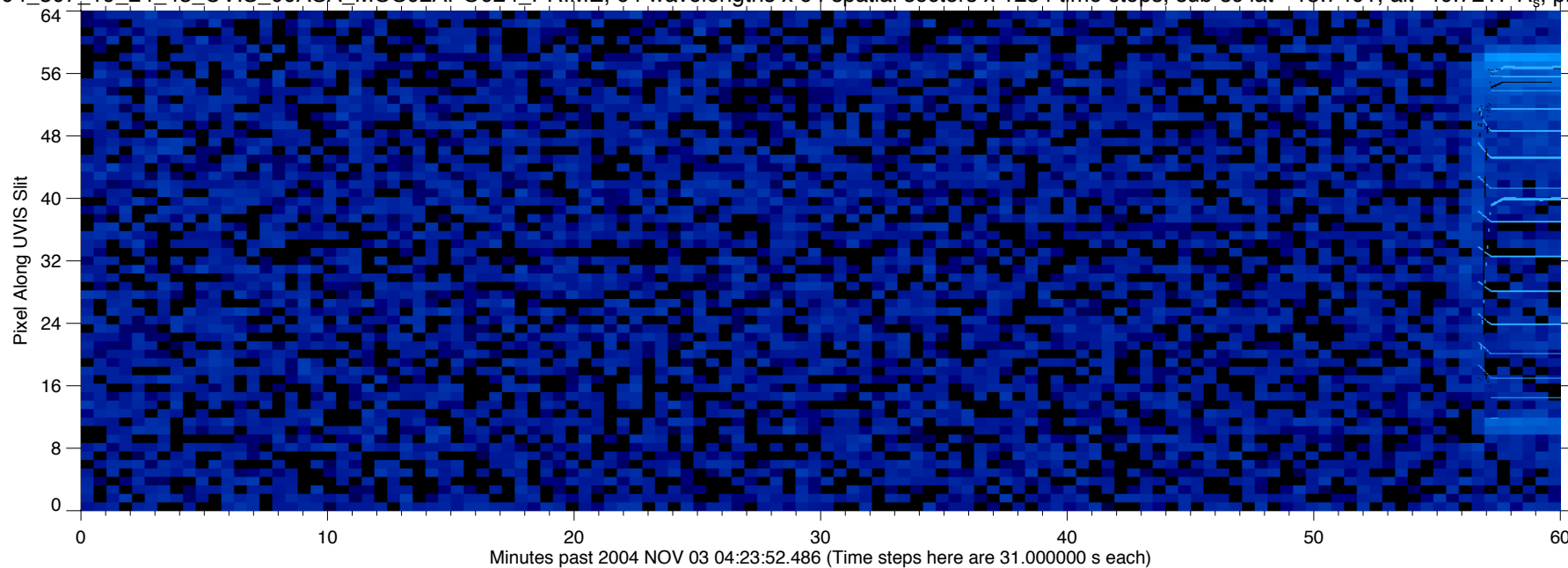
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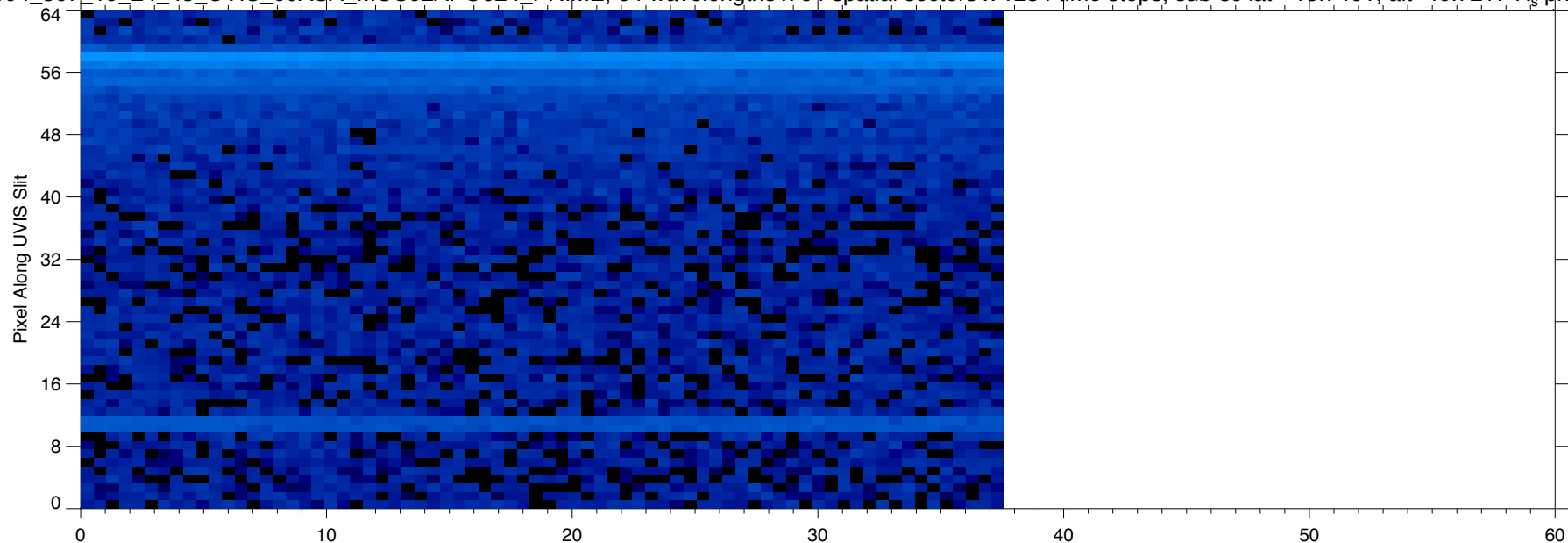
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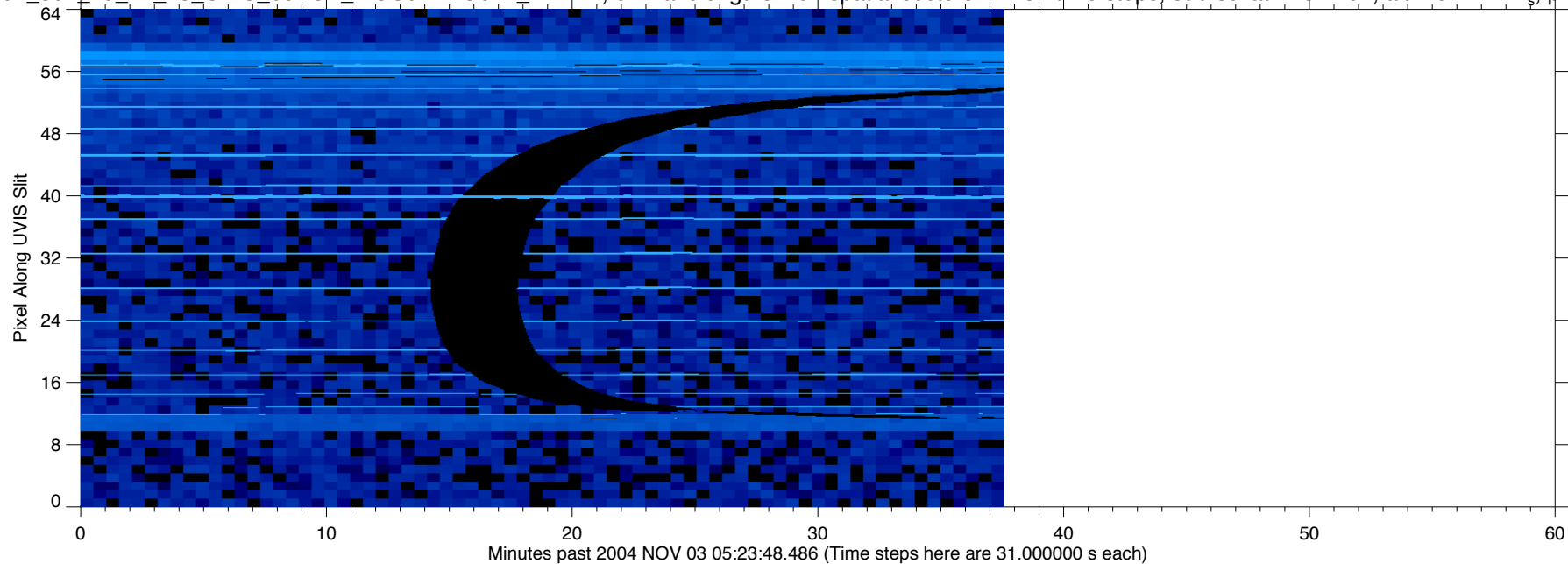
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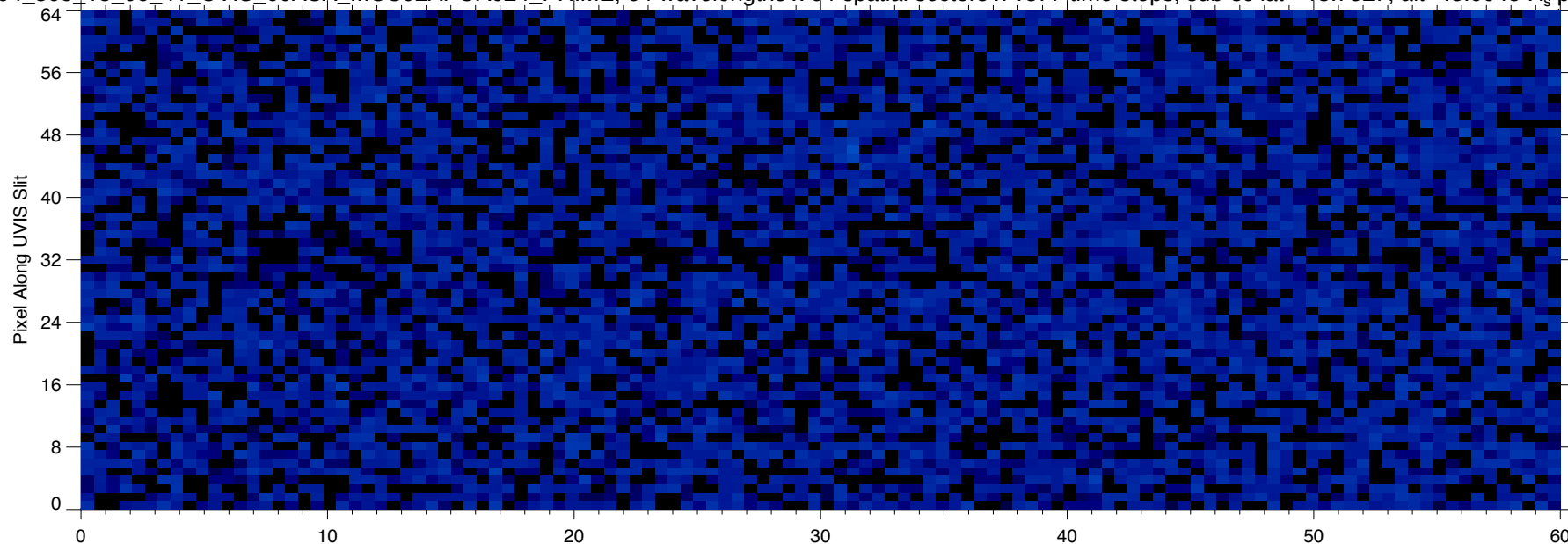
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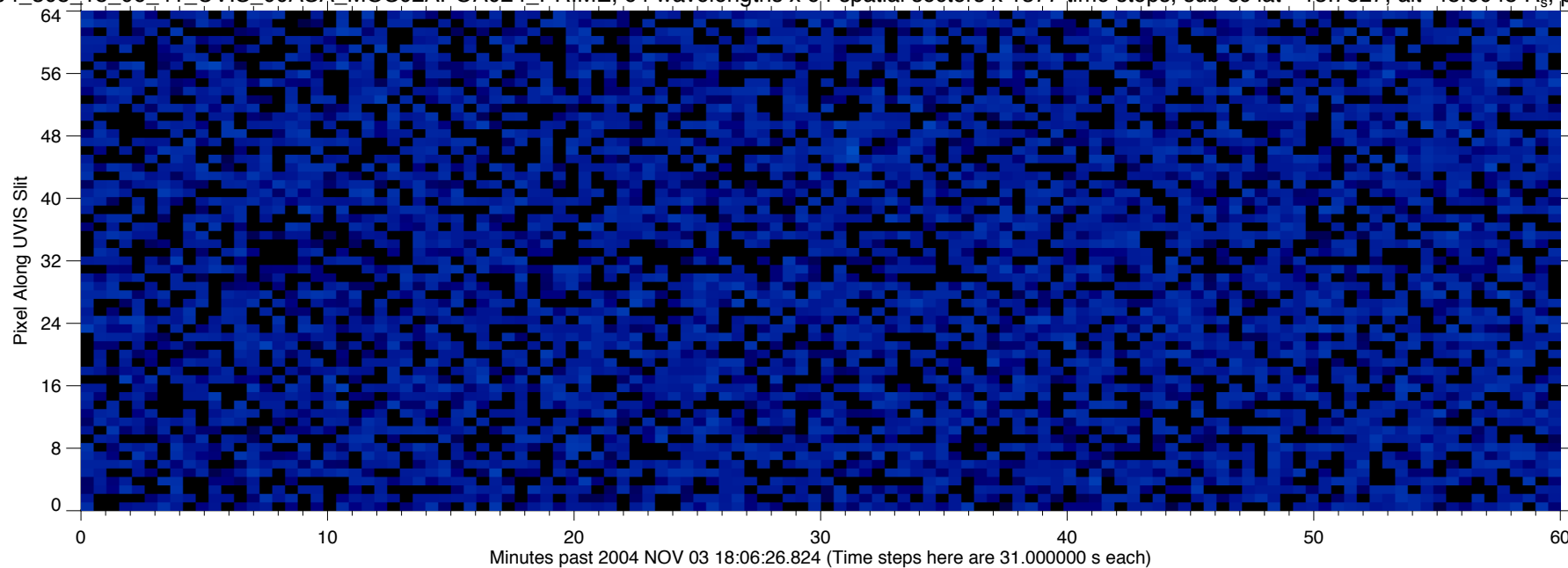
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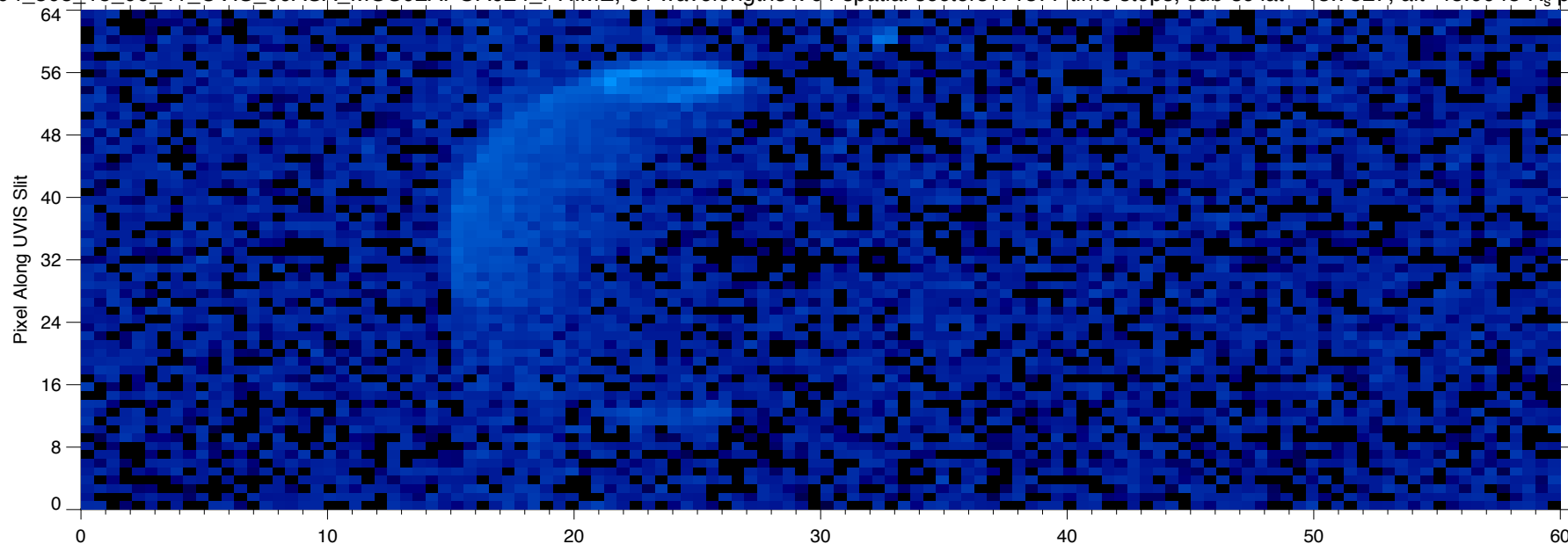
FUV2004_308_18_06_41_UVIS_00ASA_MOS02APOA024_PRIME, 64 wavelengths x 64 spatial sectors x 1377 time steps, sub-sc lat=-13.7527, alt=45.0045 R_s phase=101.688



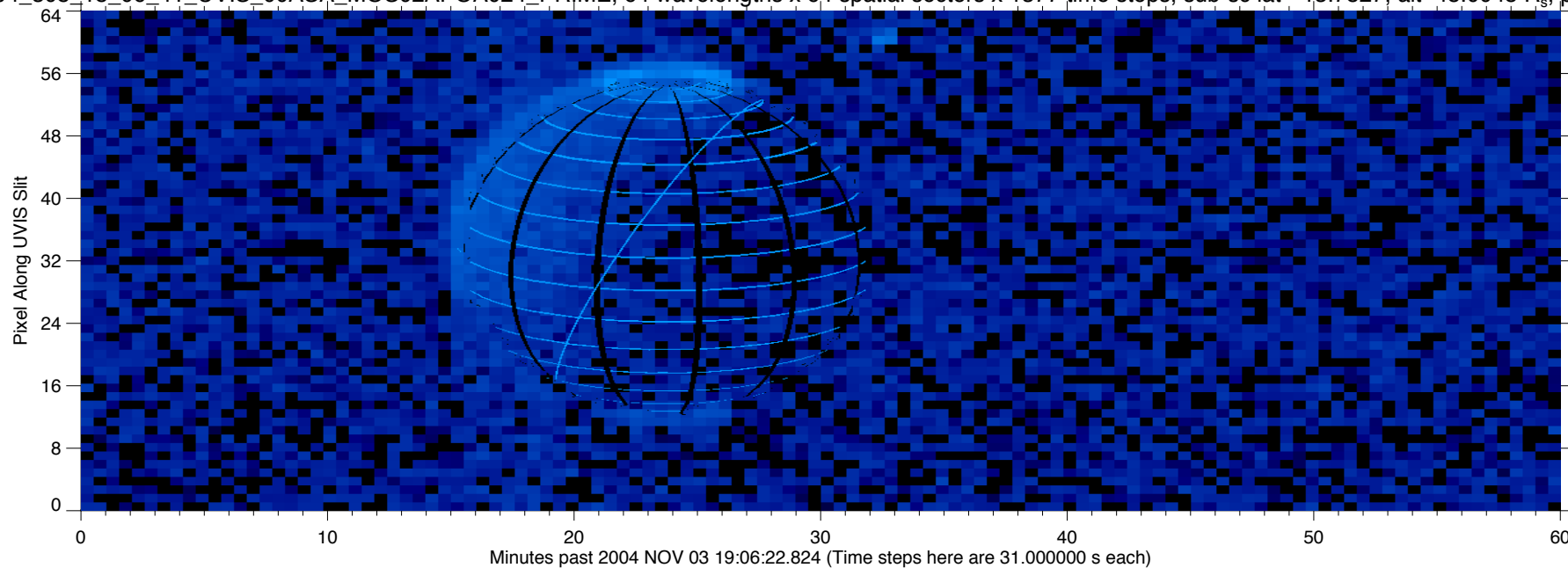
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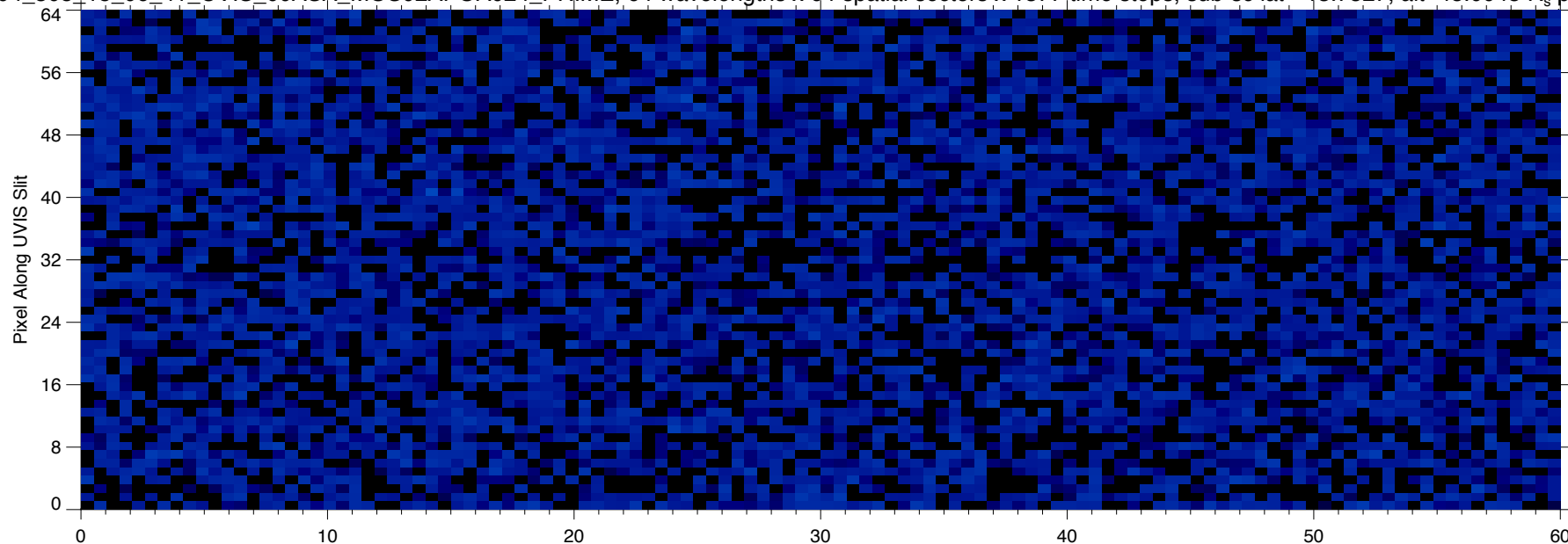
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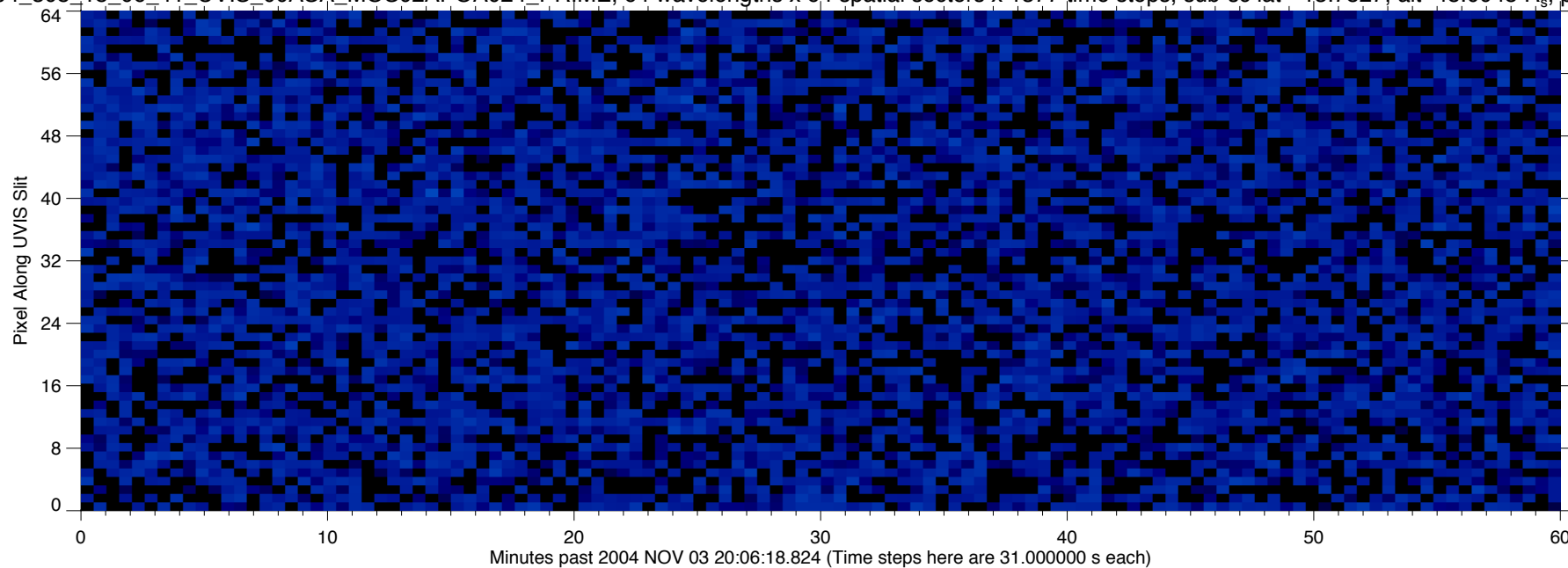
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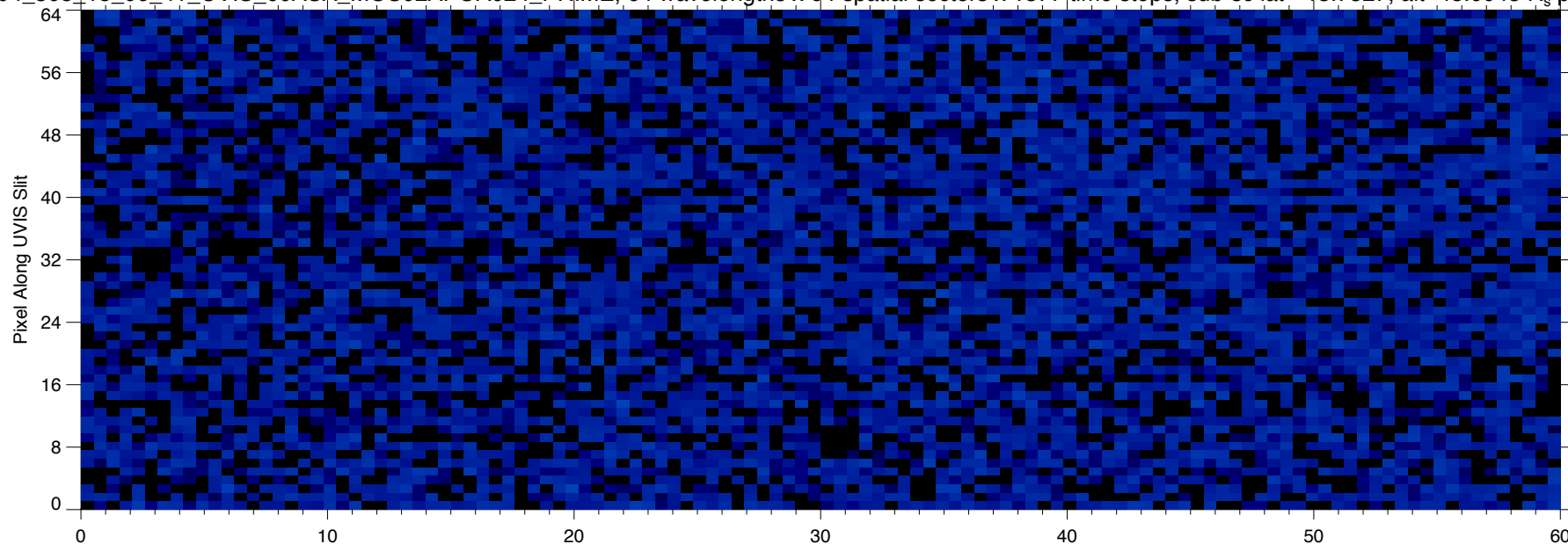
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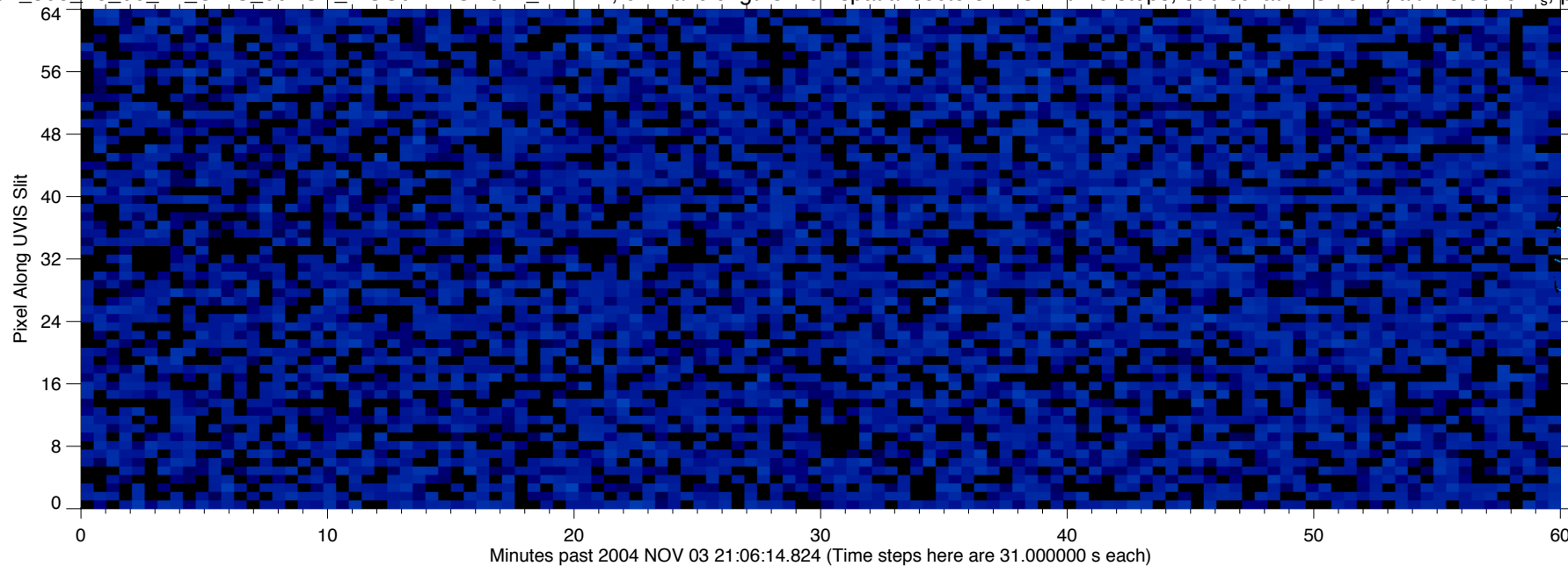
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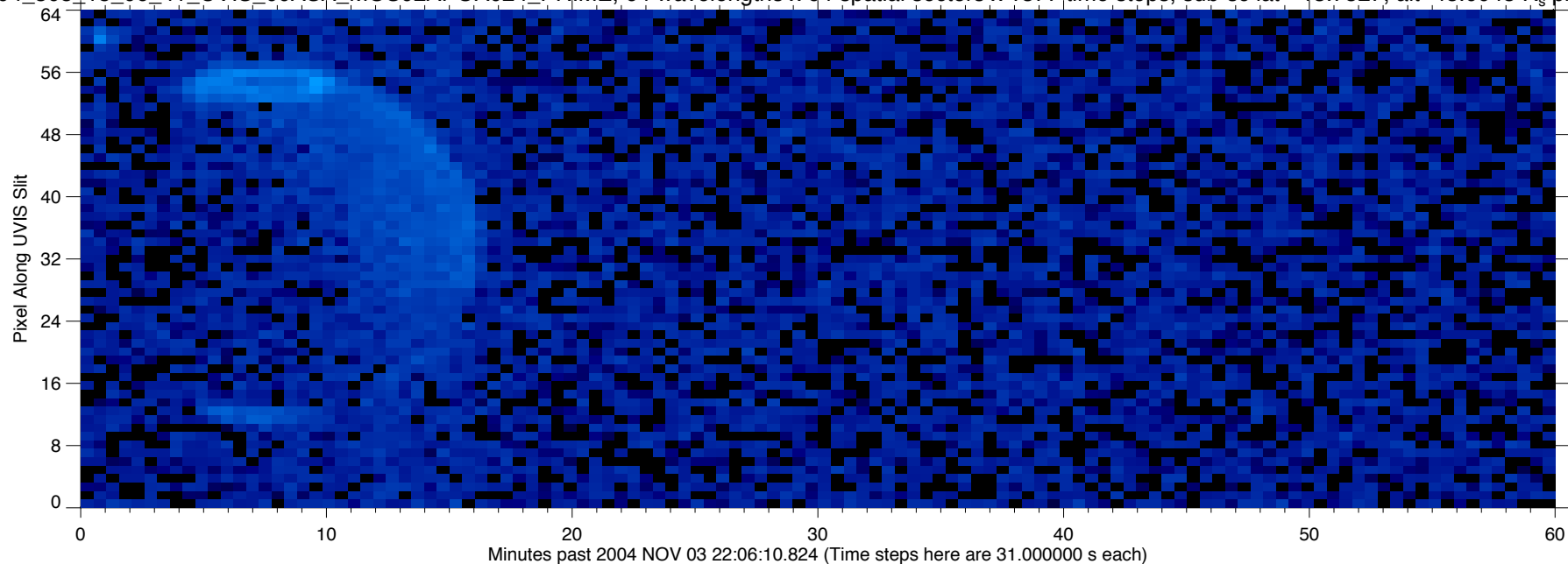
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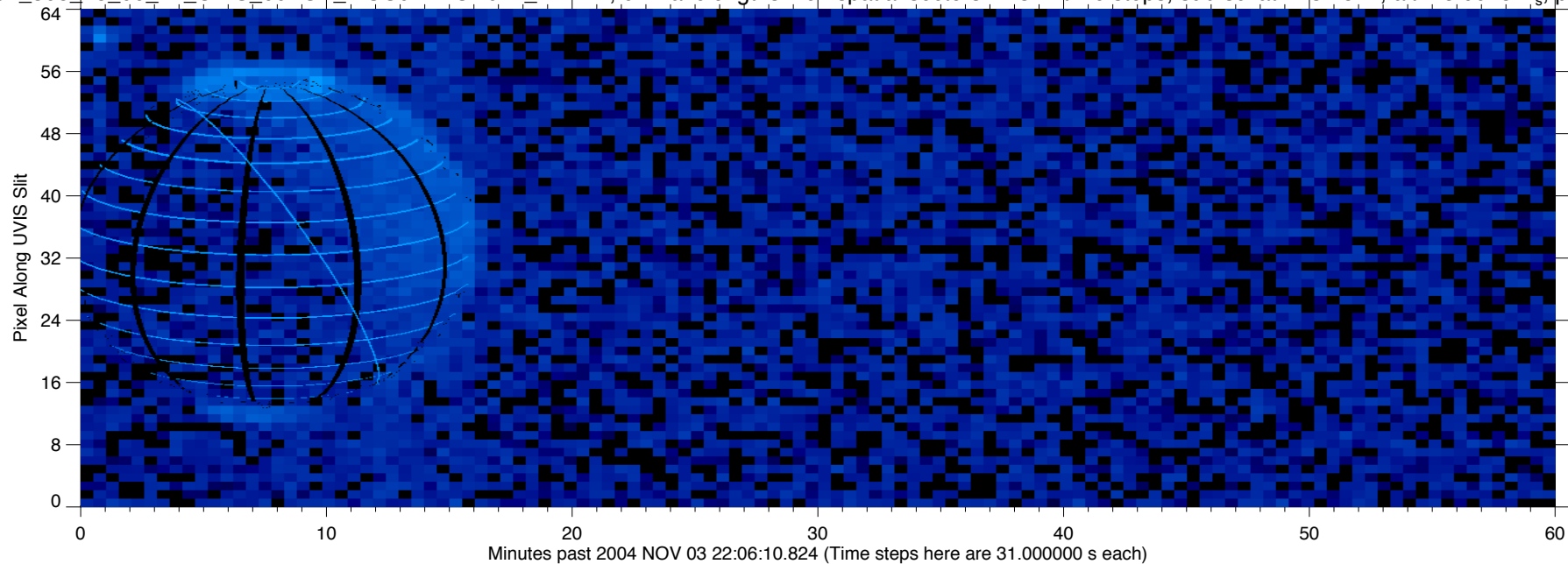
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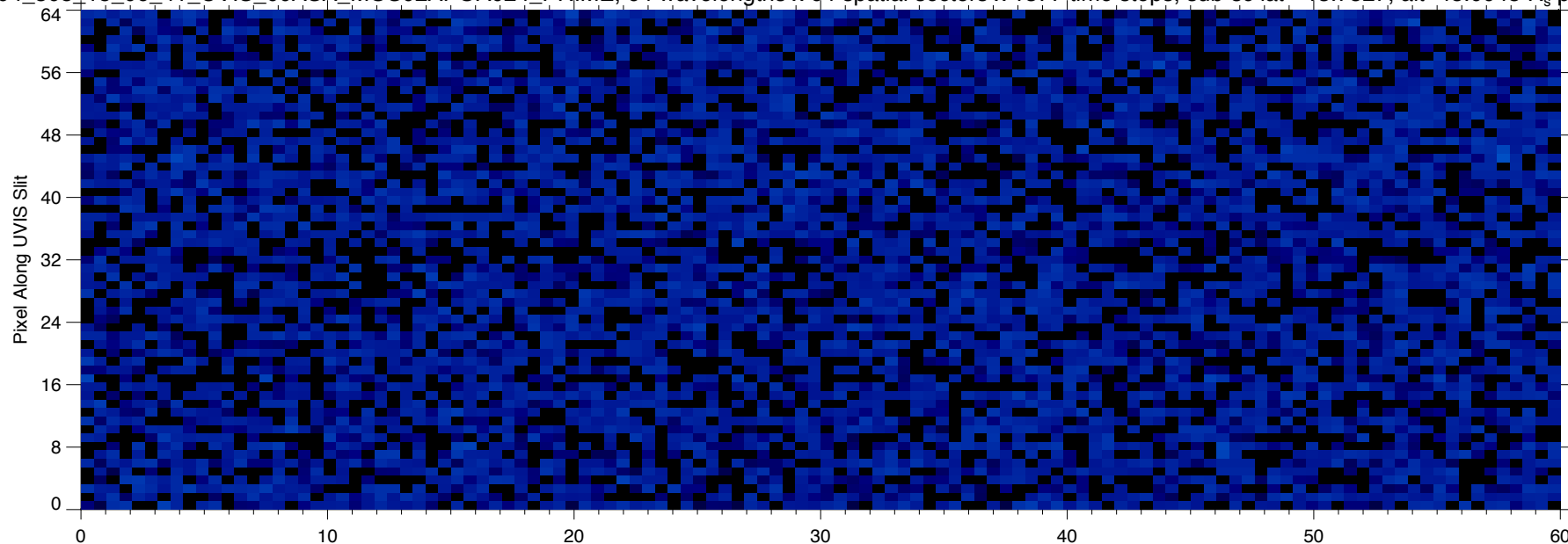
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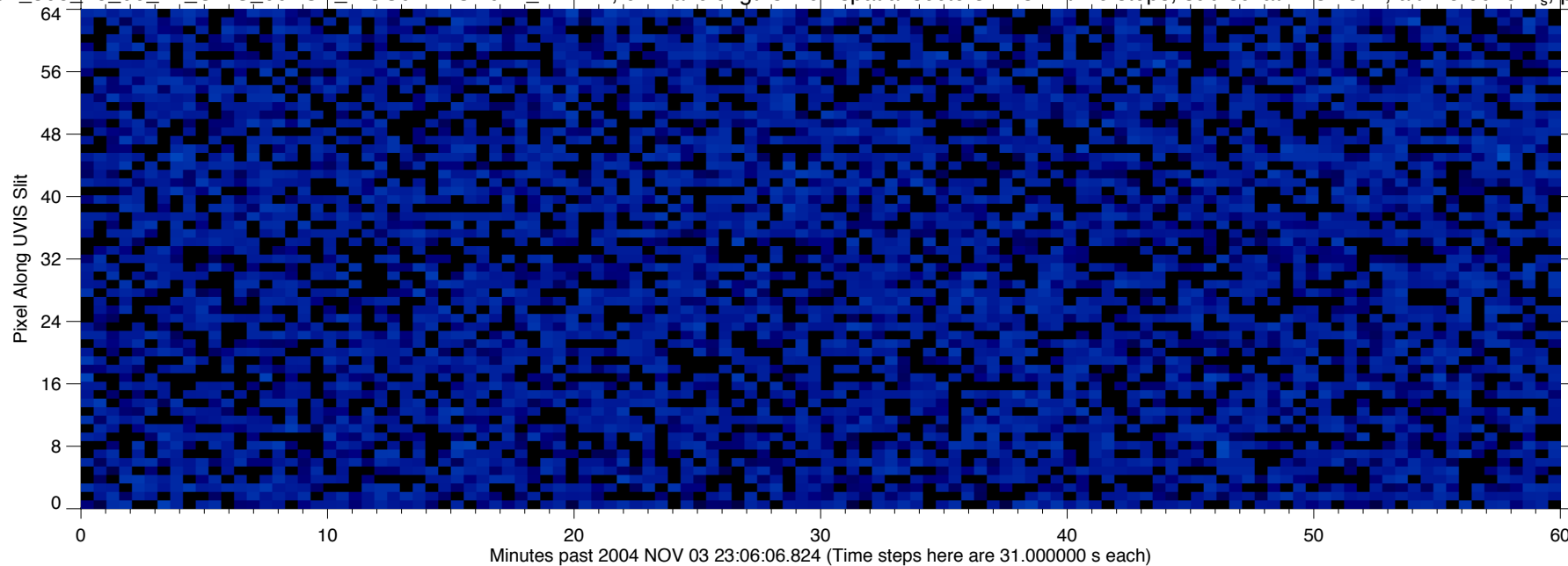
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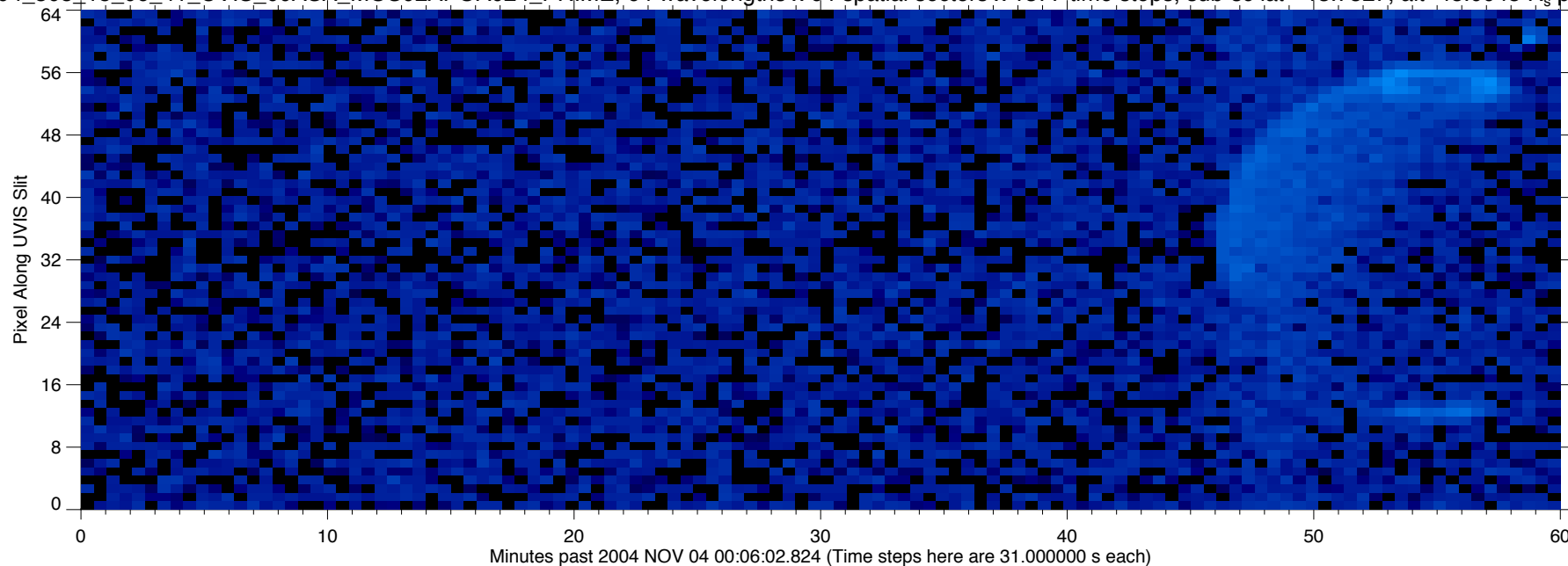
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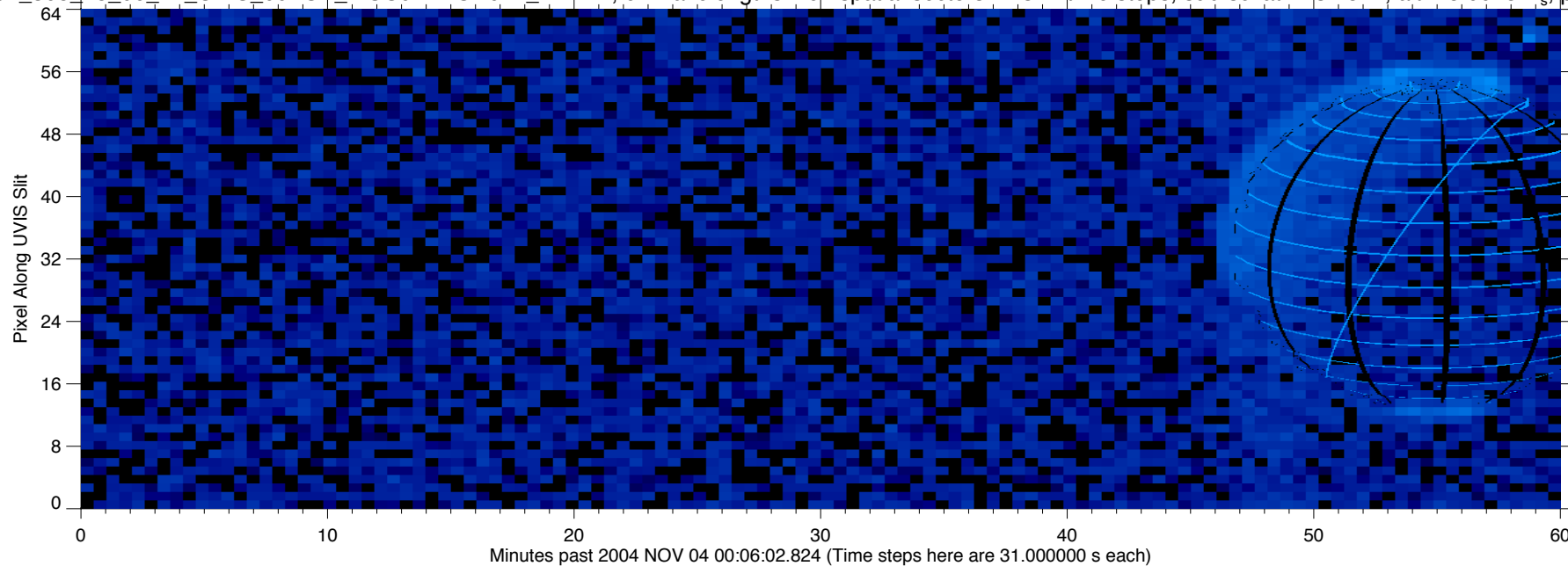
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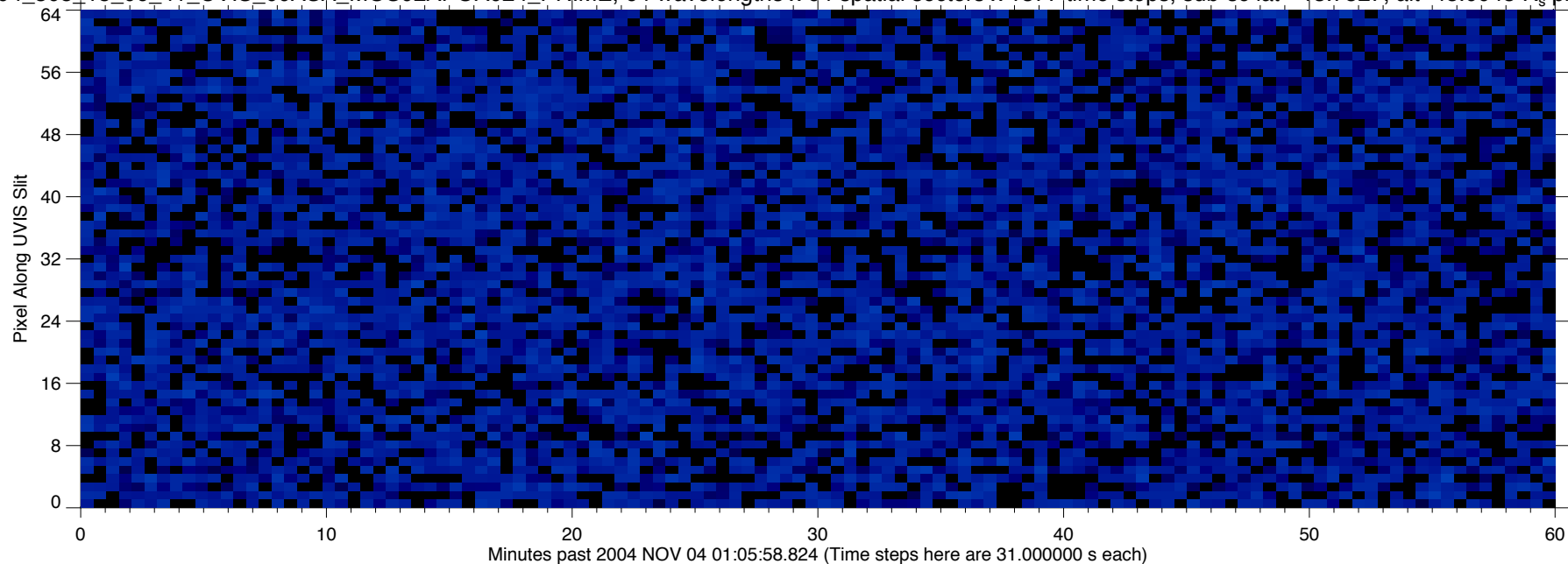
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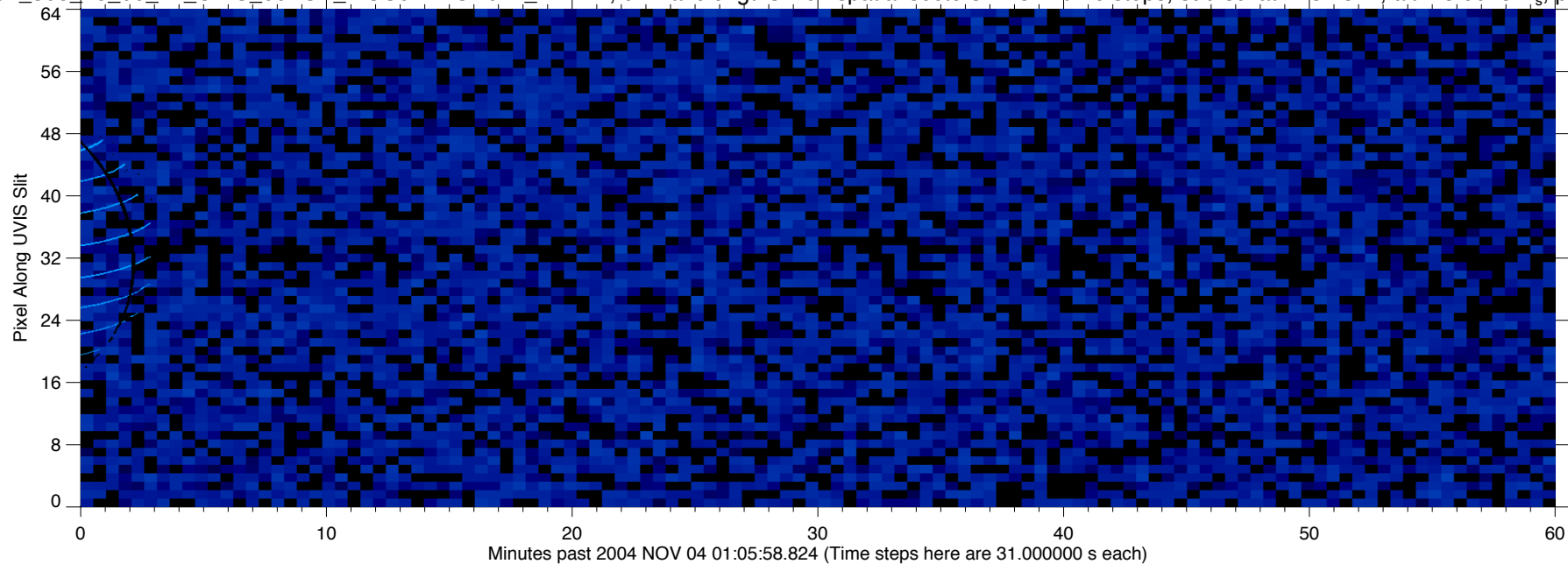
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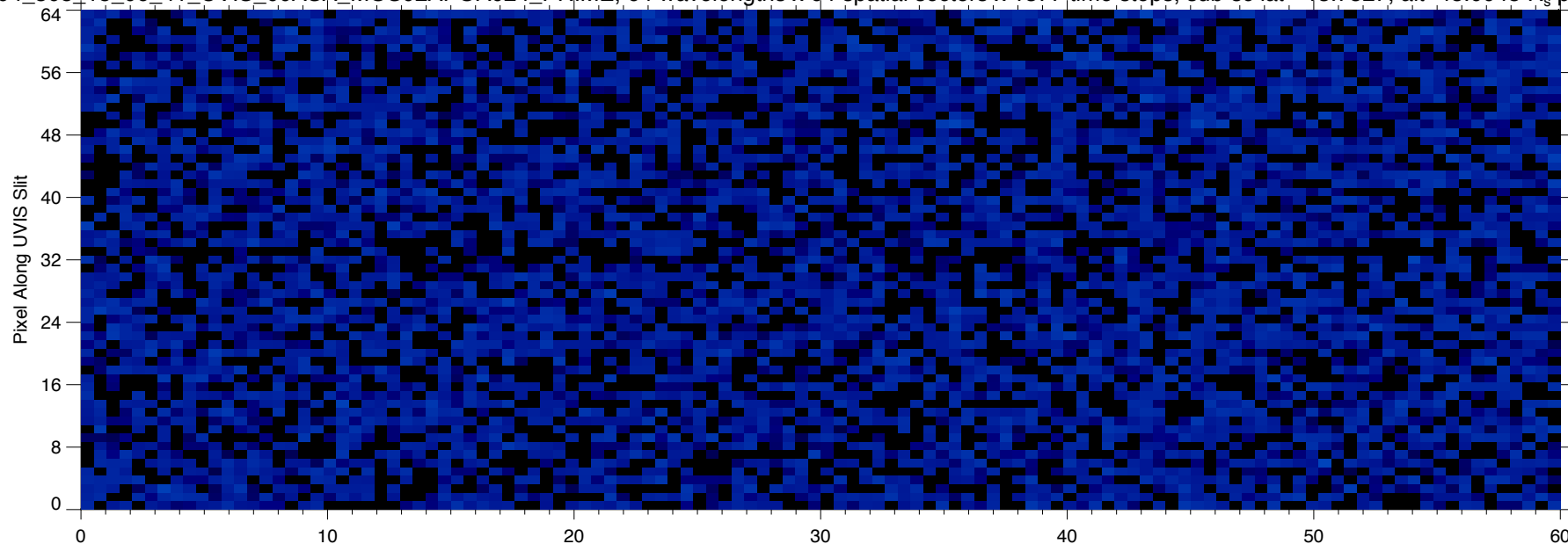
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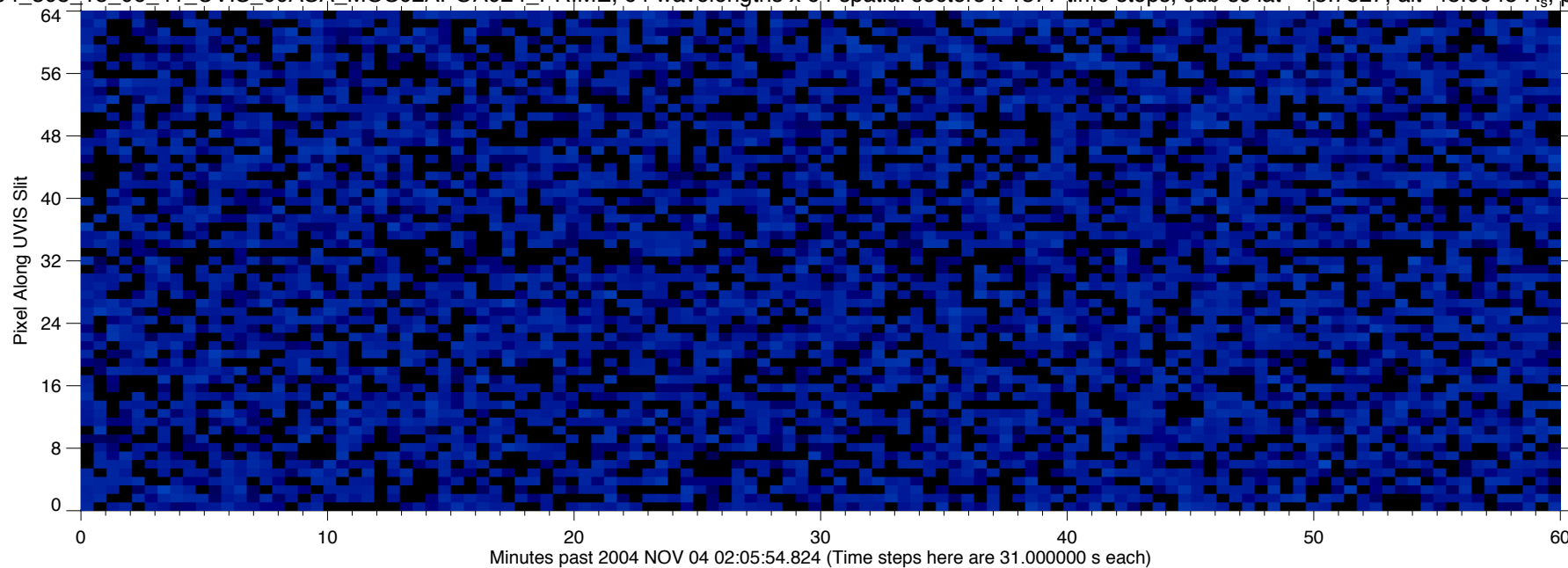
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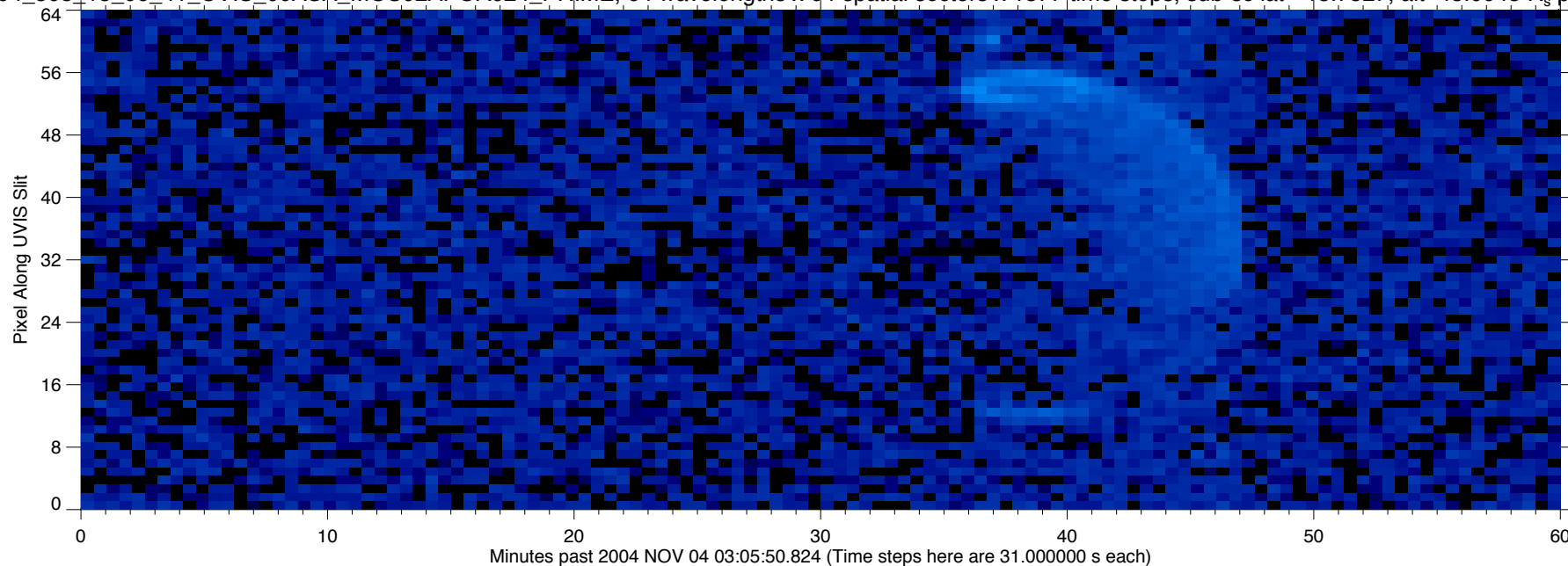
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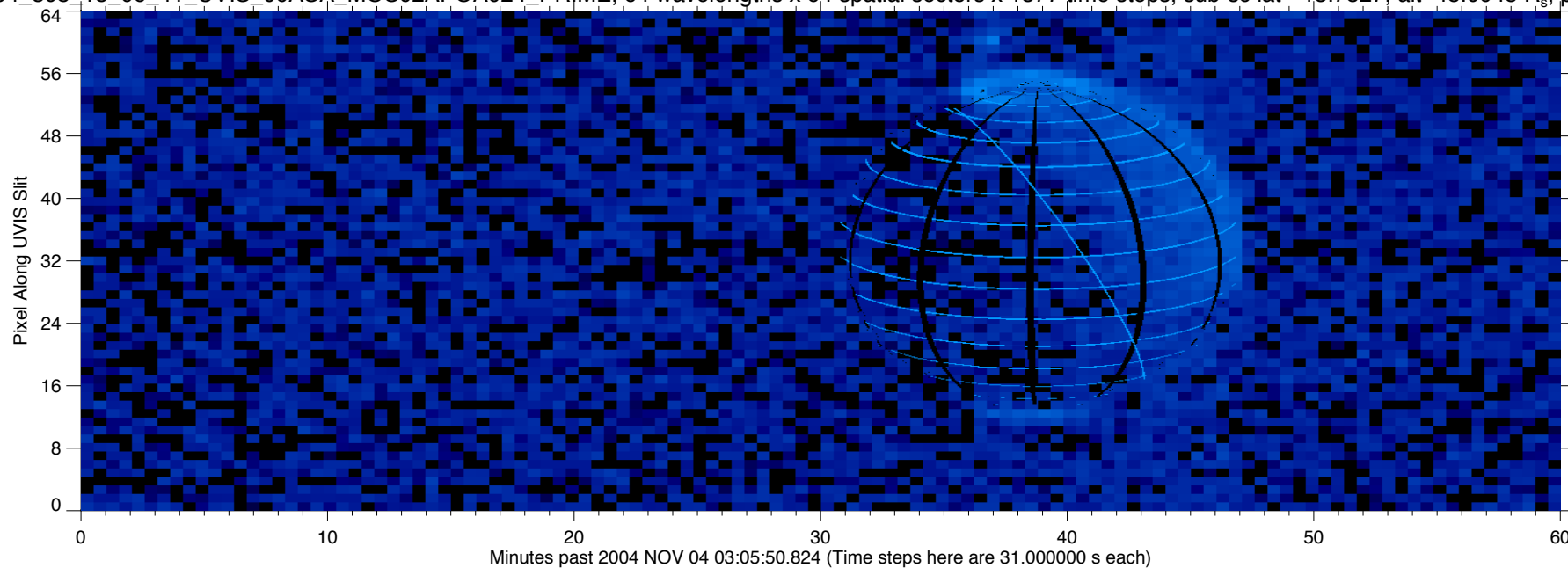
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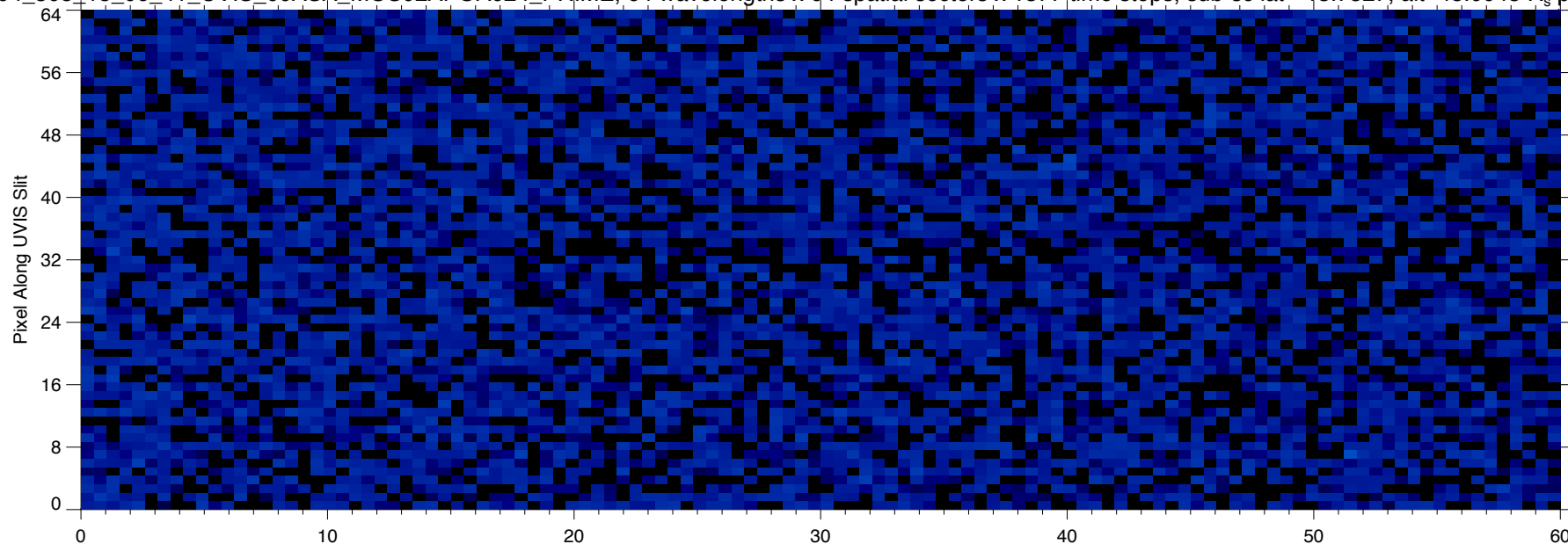
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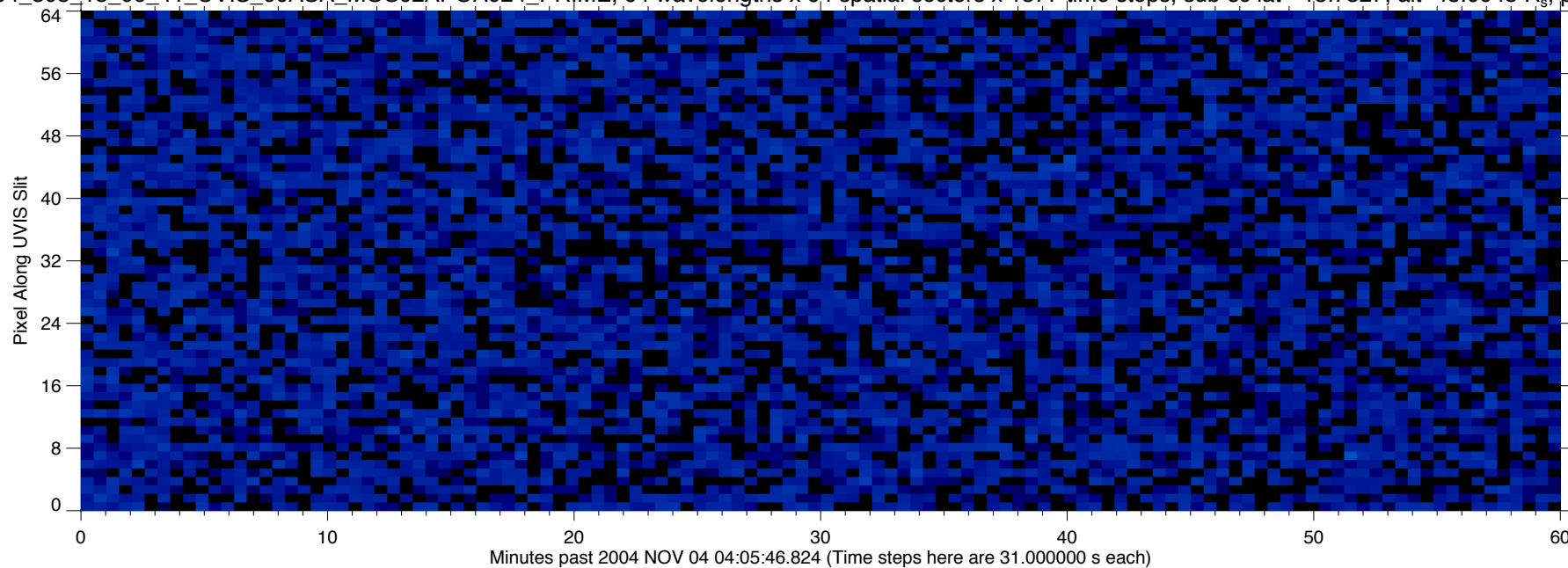
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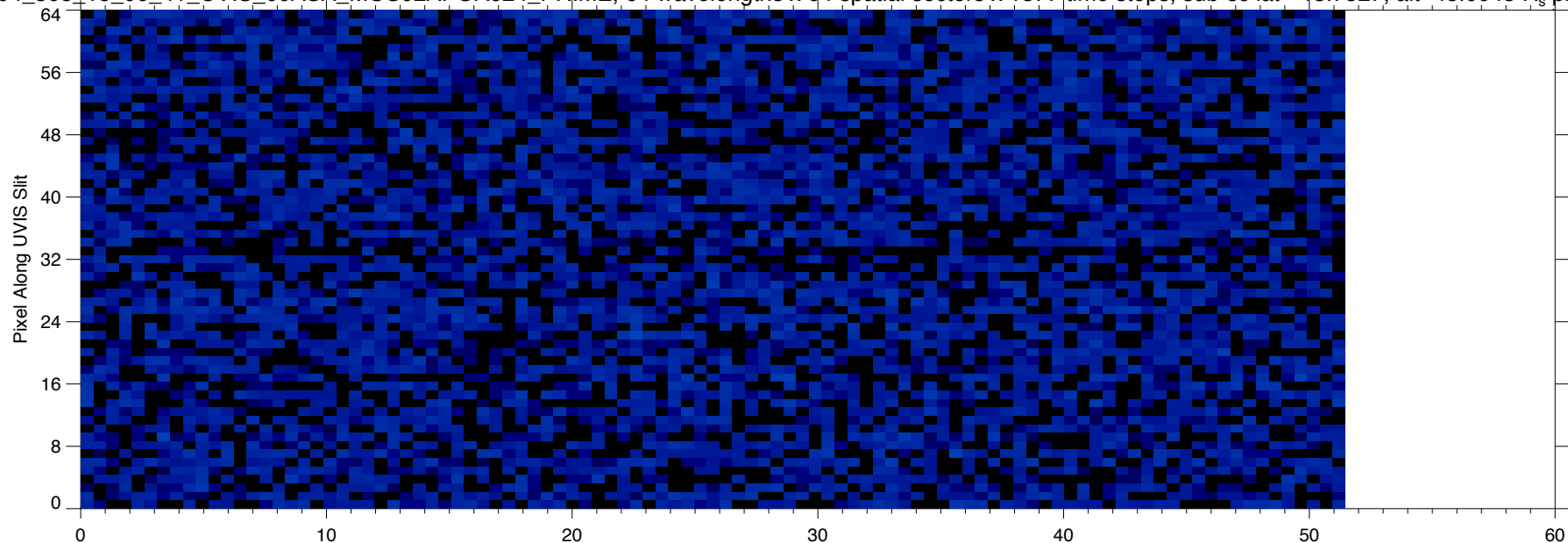
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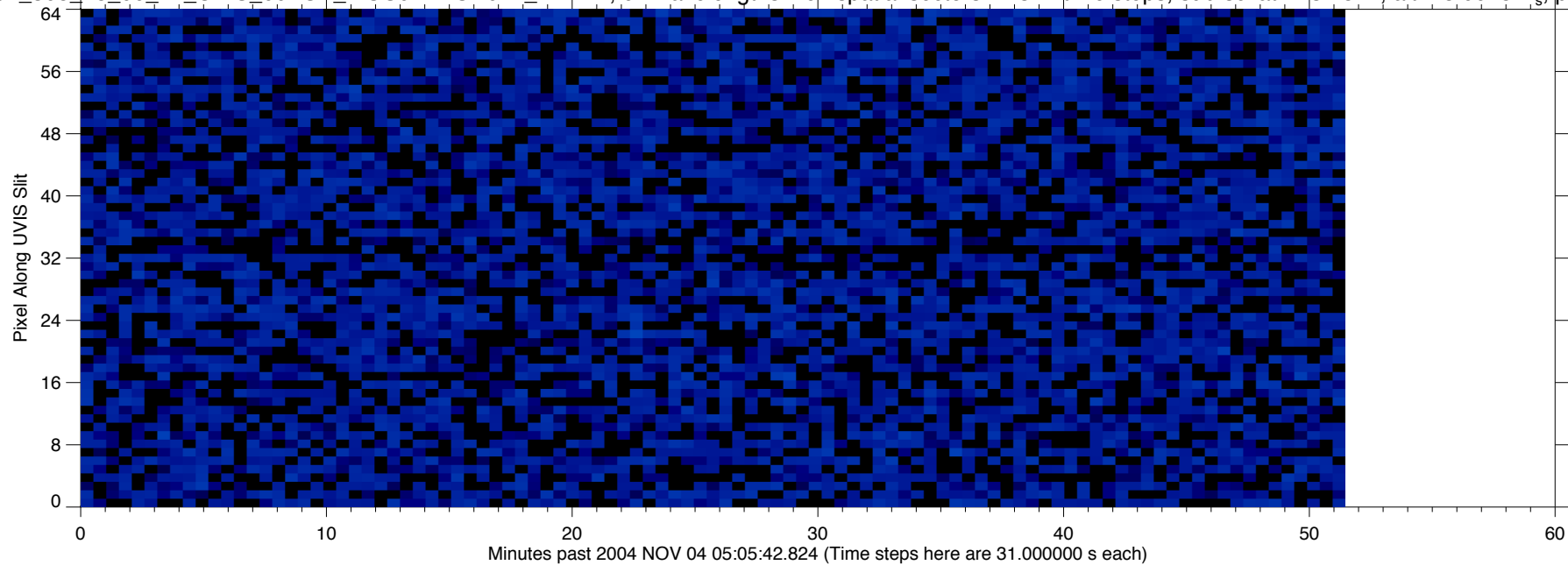
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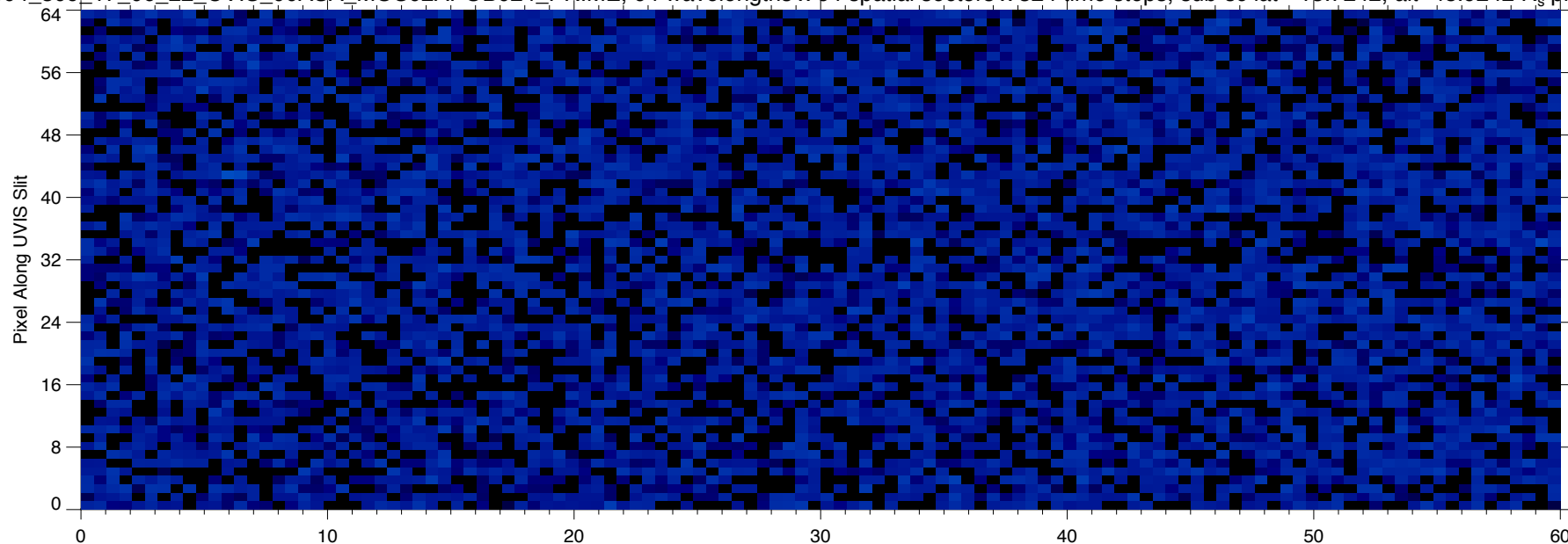
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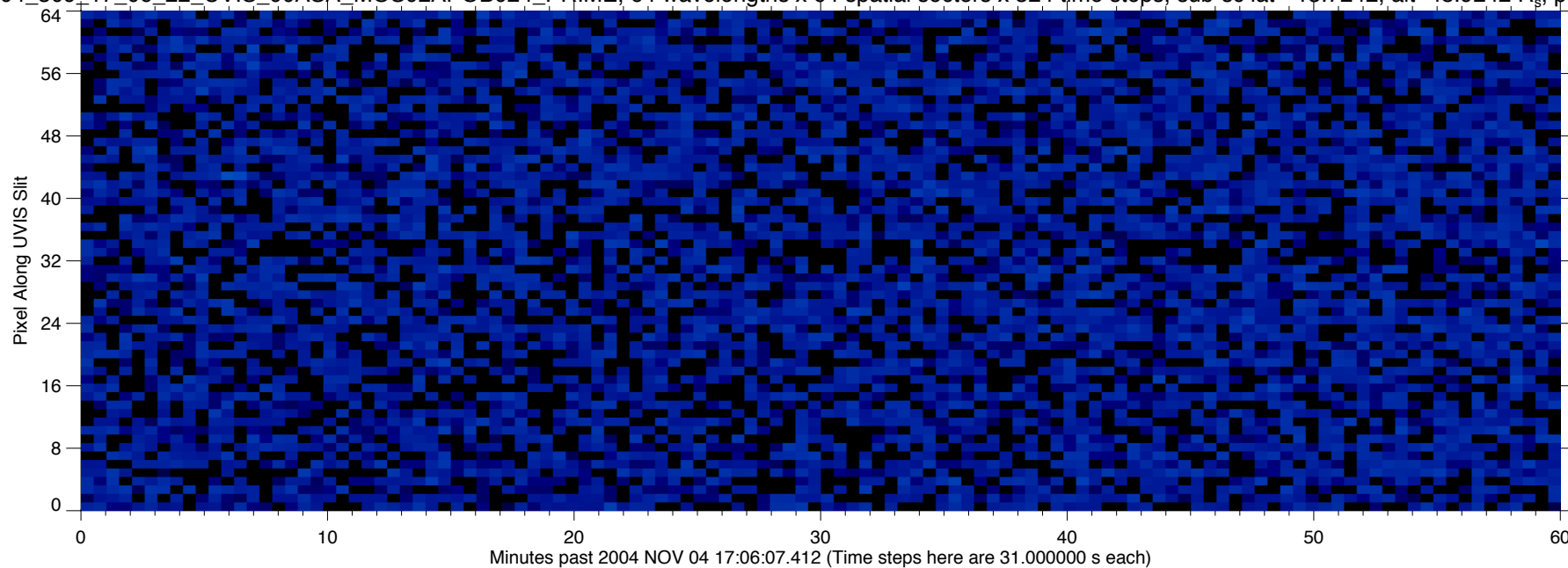
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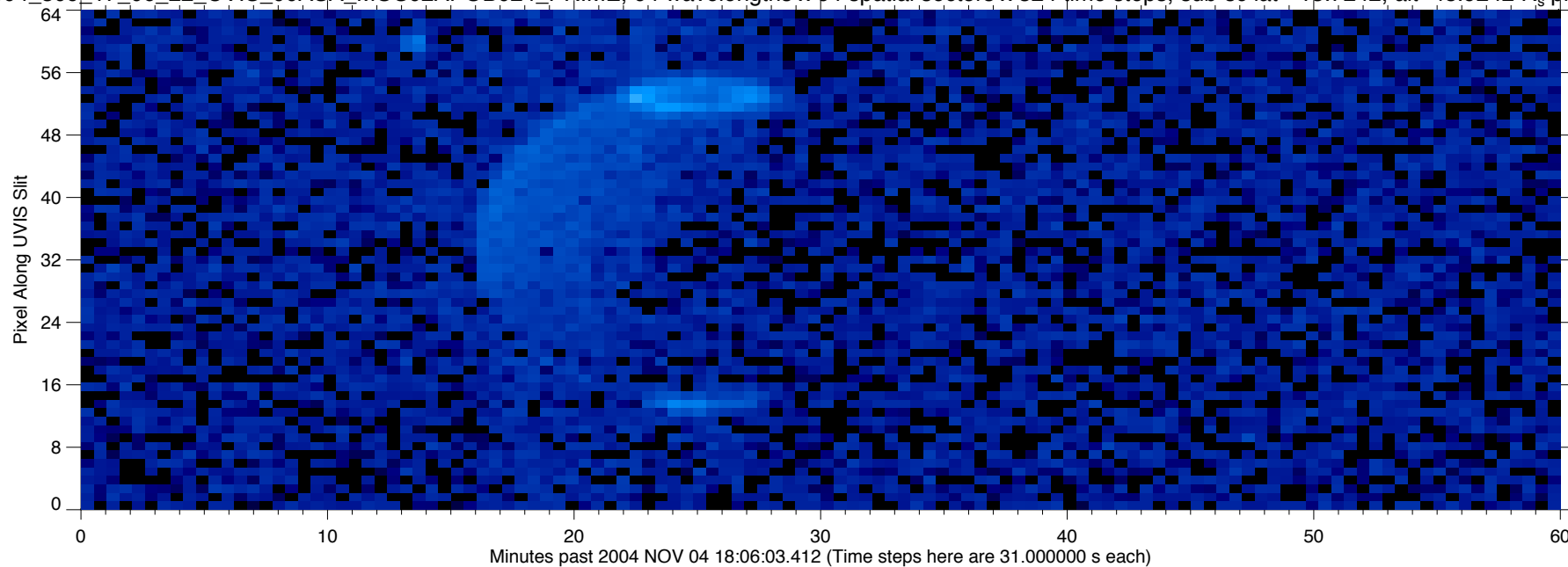
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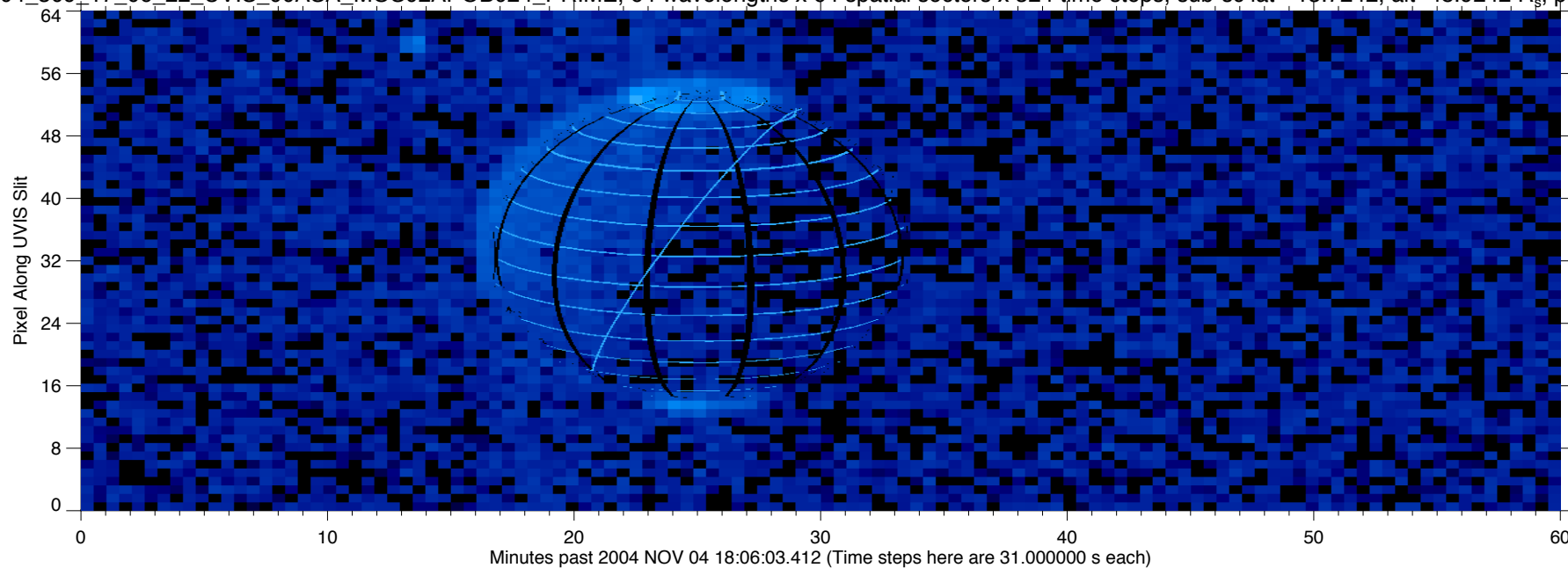
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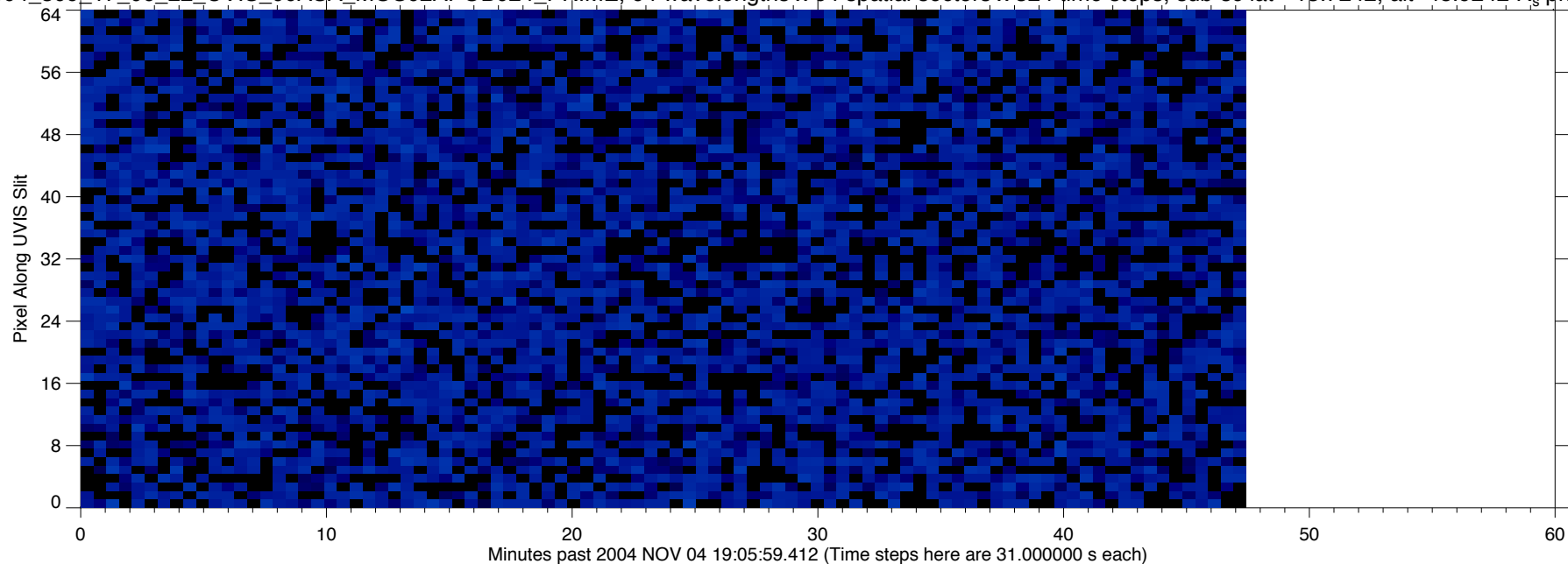
FUV2004_309_17_06_22_UVIS_00ASA_MOS02APOB024_PRIME, 64 wavelengths x 64 spatial sectors x 324 time steps, sub-sc lat=-13.7242, alt=48.9242 R_s, phase=99.1653



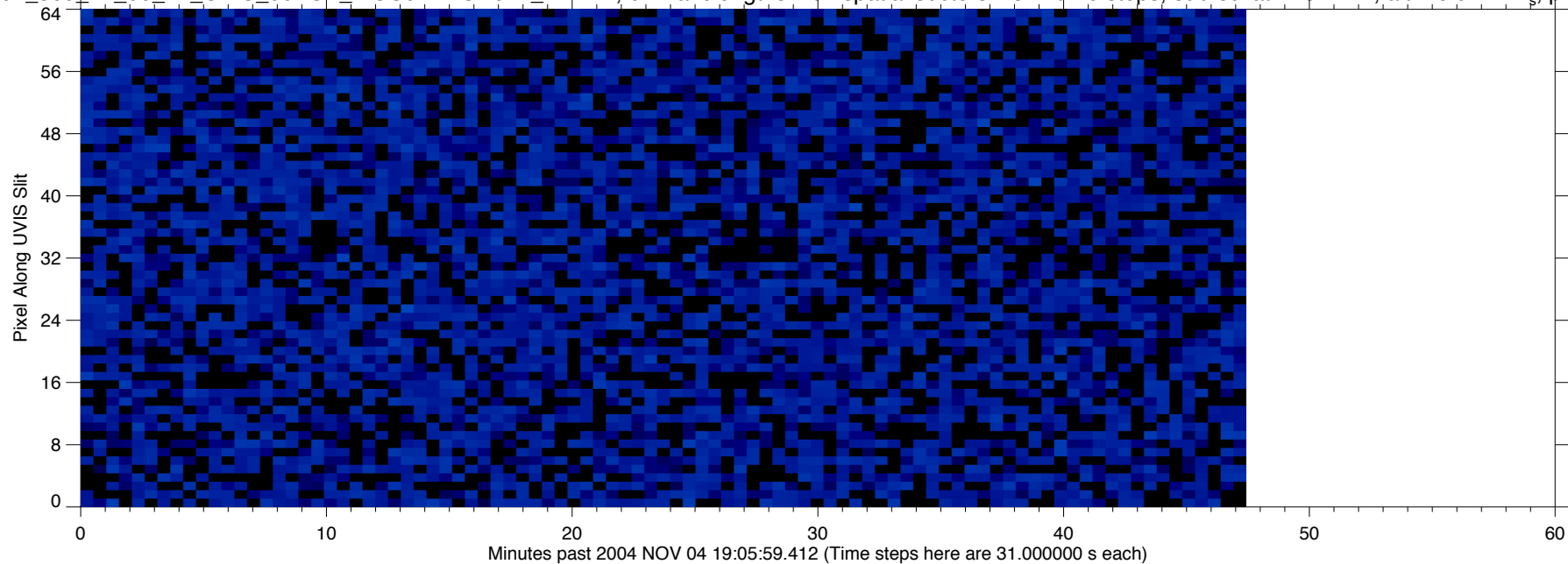
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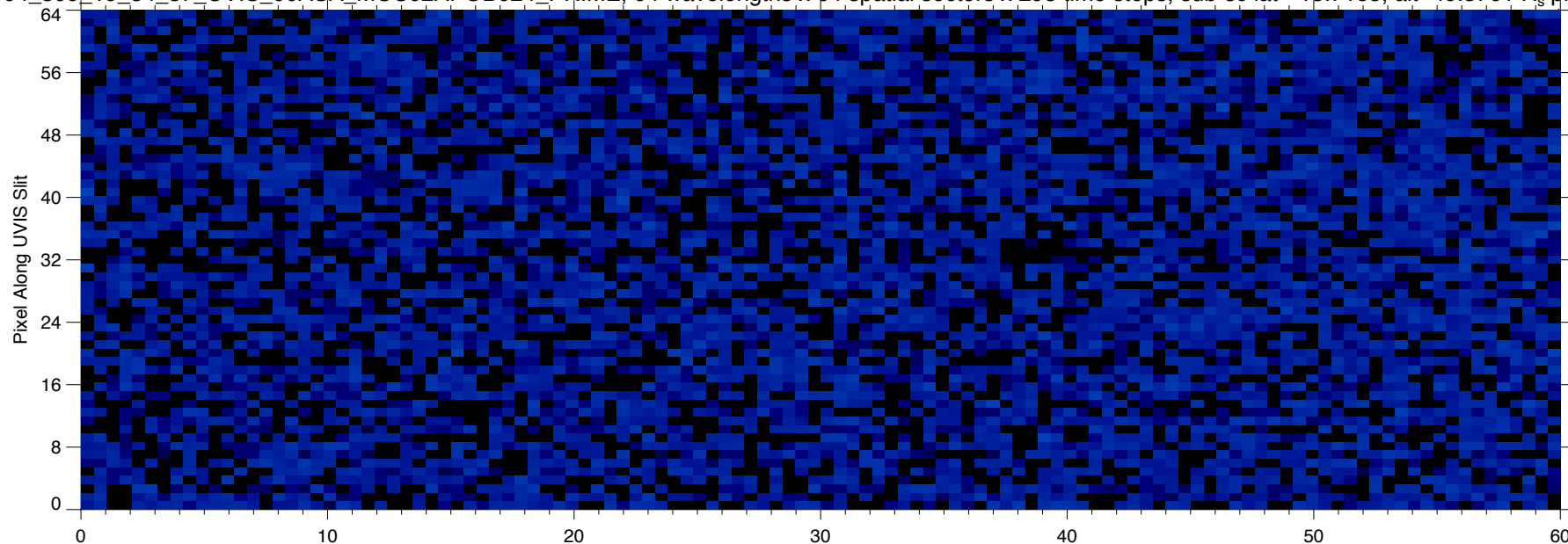
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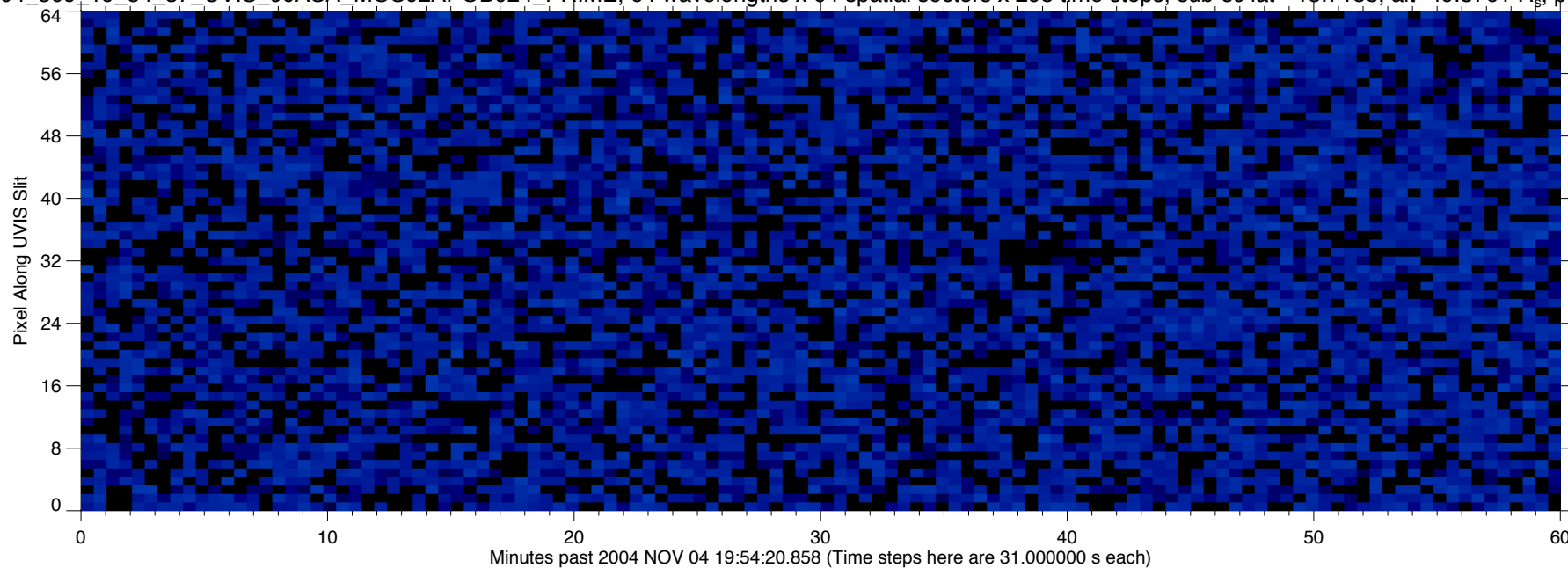
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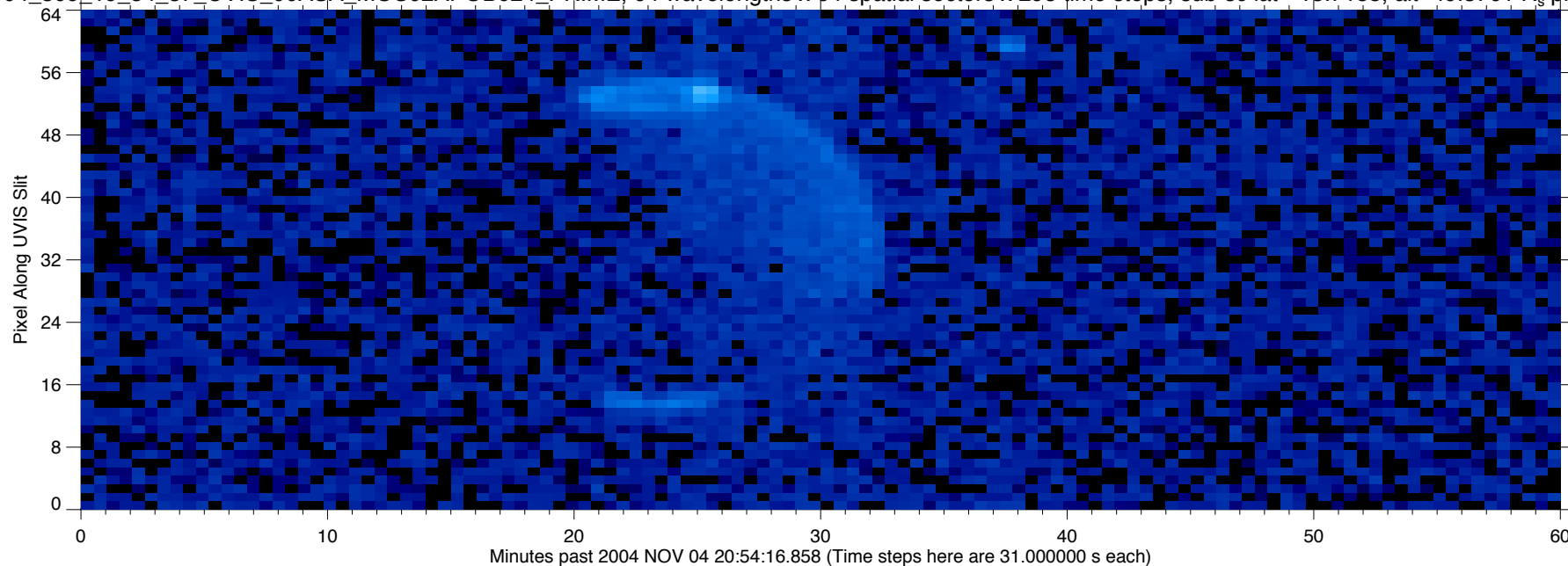
FUV2004_309_19_54_37_UVIS_00ASA_MOS02APOB024_PRIME, 64 wavelengths x 64 spatial sectors x 298 time steps, sub-sc lat=-13.7188, alt=49.3761 R_s phase=98.8840



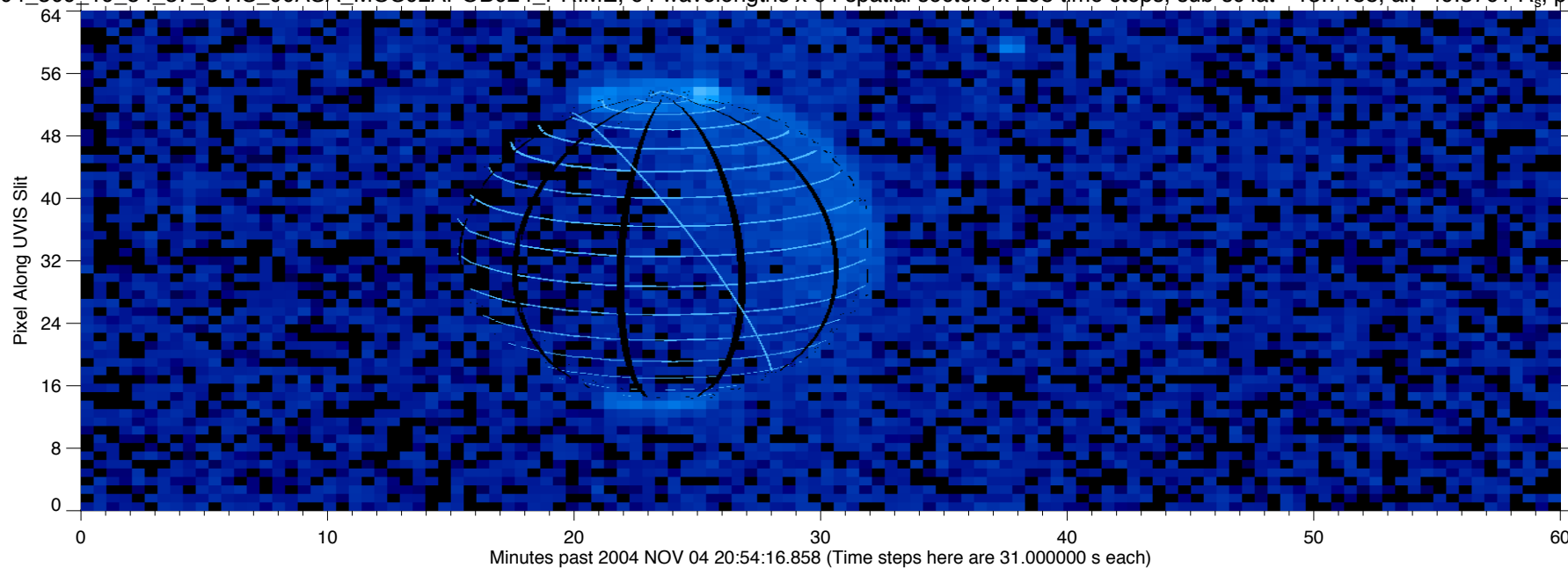
FUV2004_309_19_54_37_UVIS_00ASA_MOS02APOB024_PRIME, 64 wavelengths x 64 spatial sectors x 298 time steps, sub-sc lat=-13.7188, alt=49.3761 R_s phase=98.8840



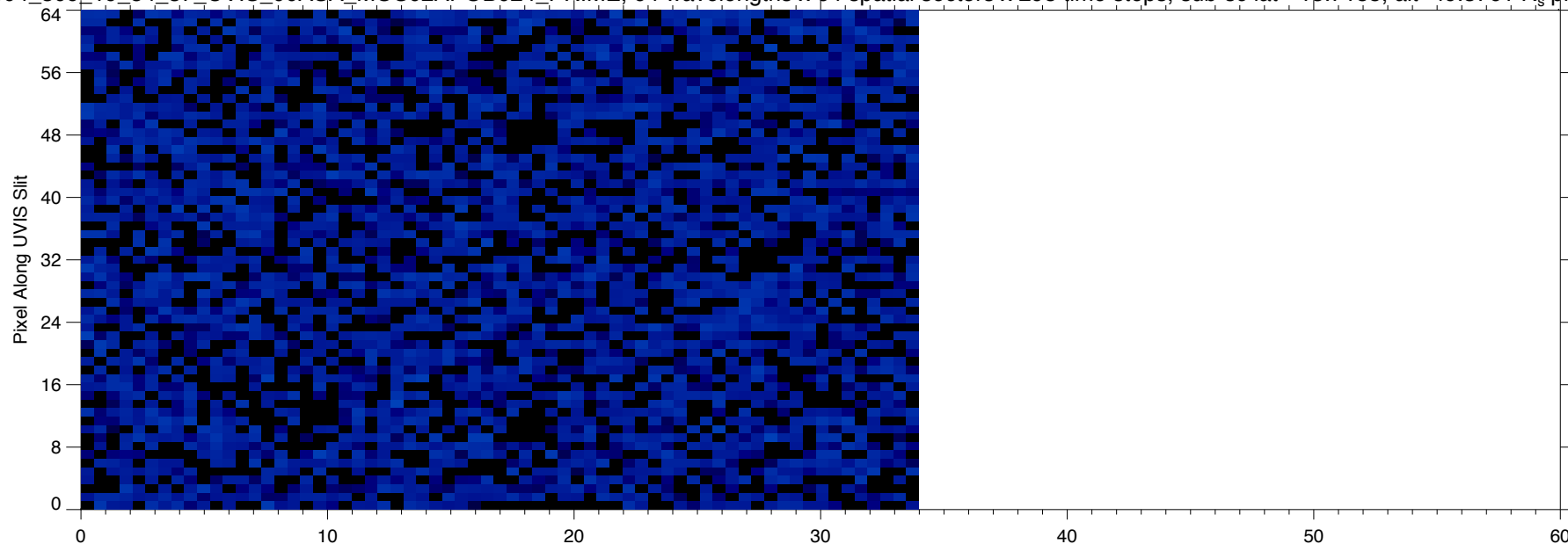
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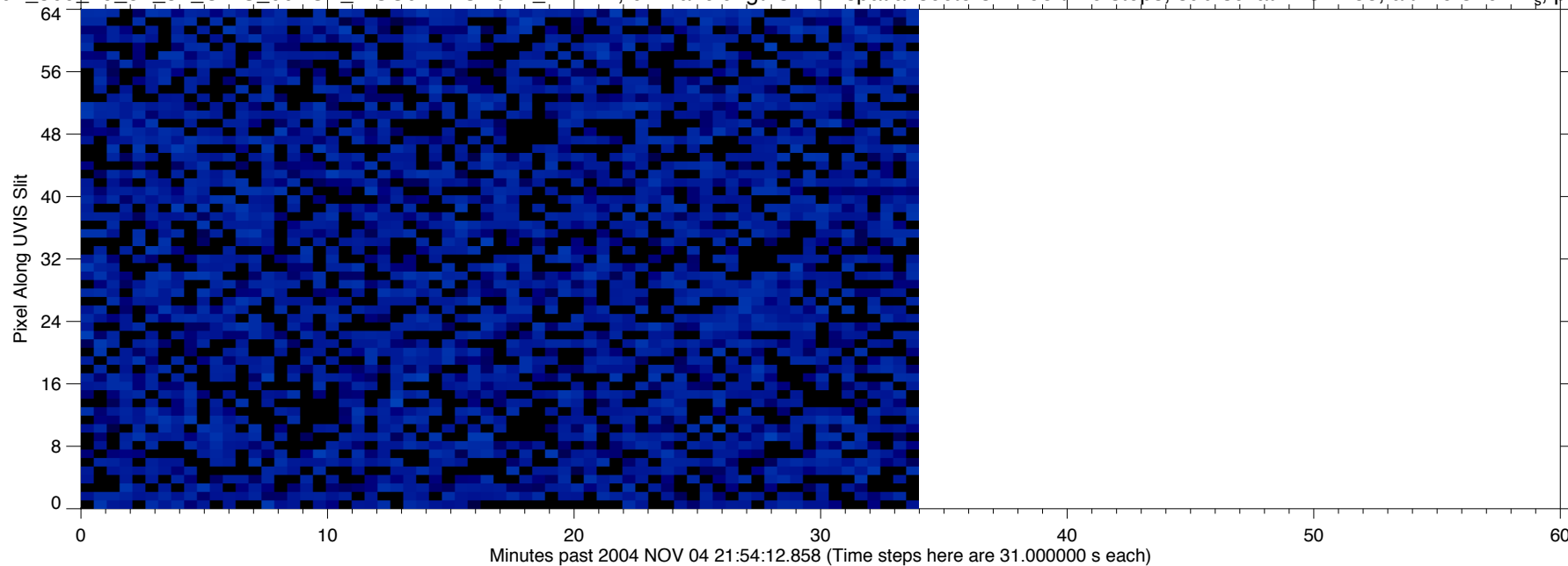
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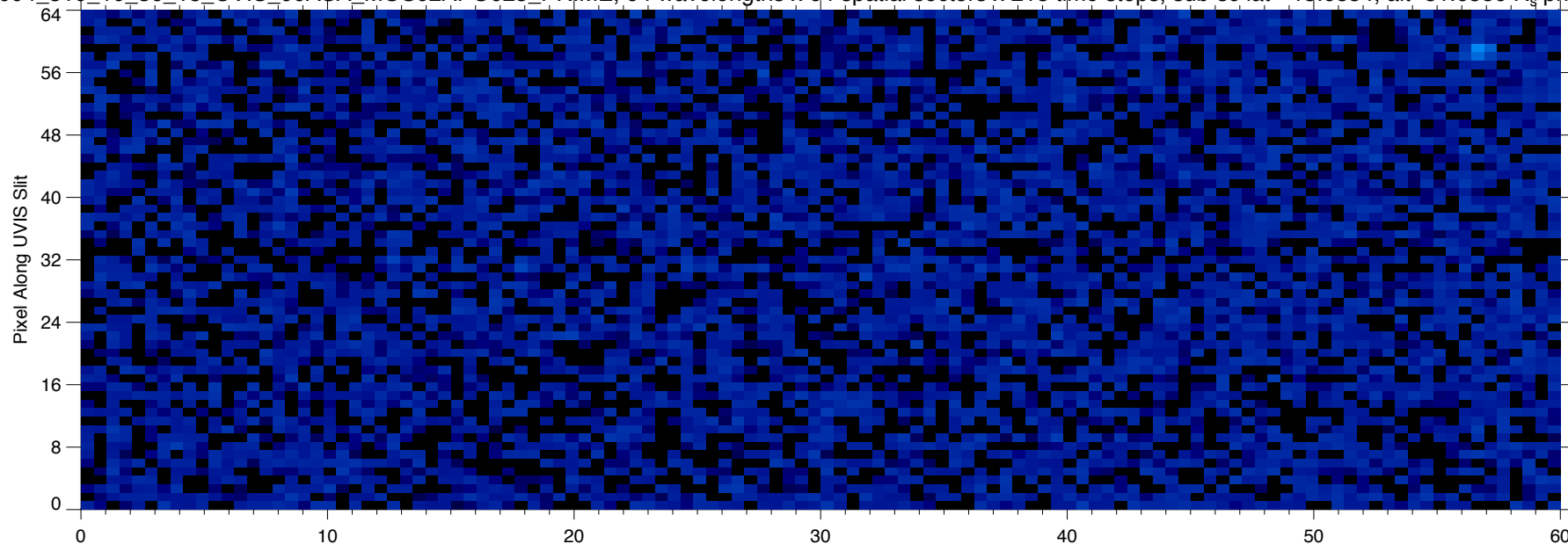
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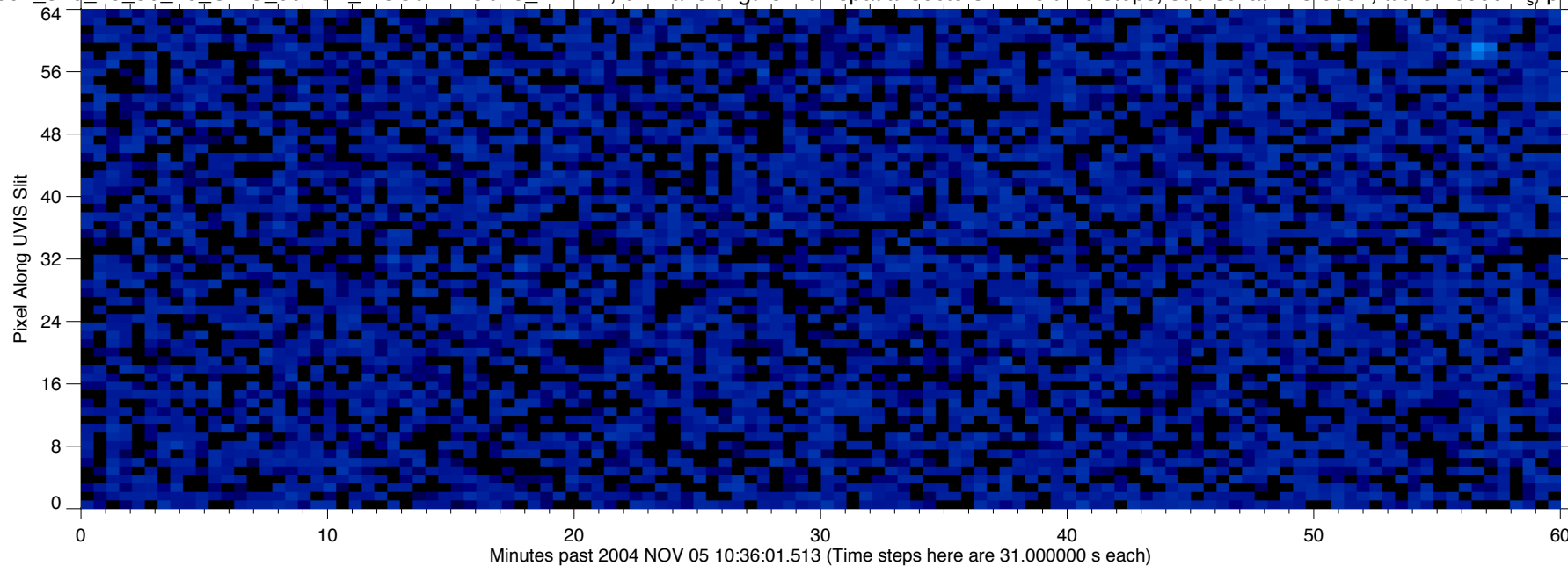
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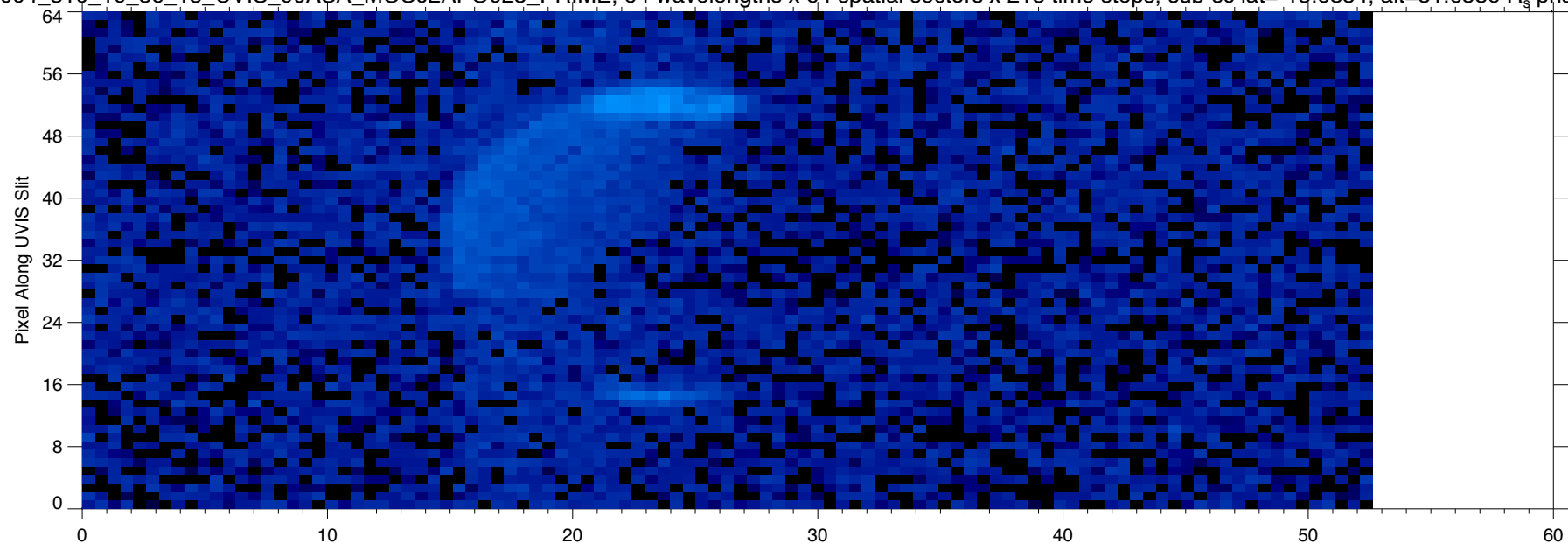
FUV2004_310_10_36_18_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 218 time steps, sub-sc lat=-13.6854, alt=51.6586 R_s phase=97.4868



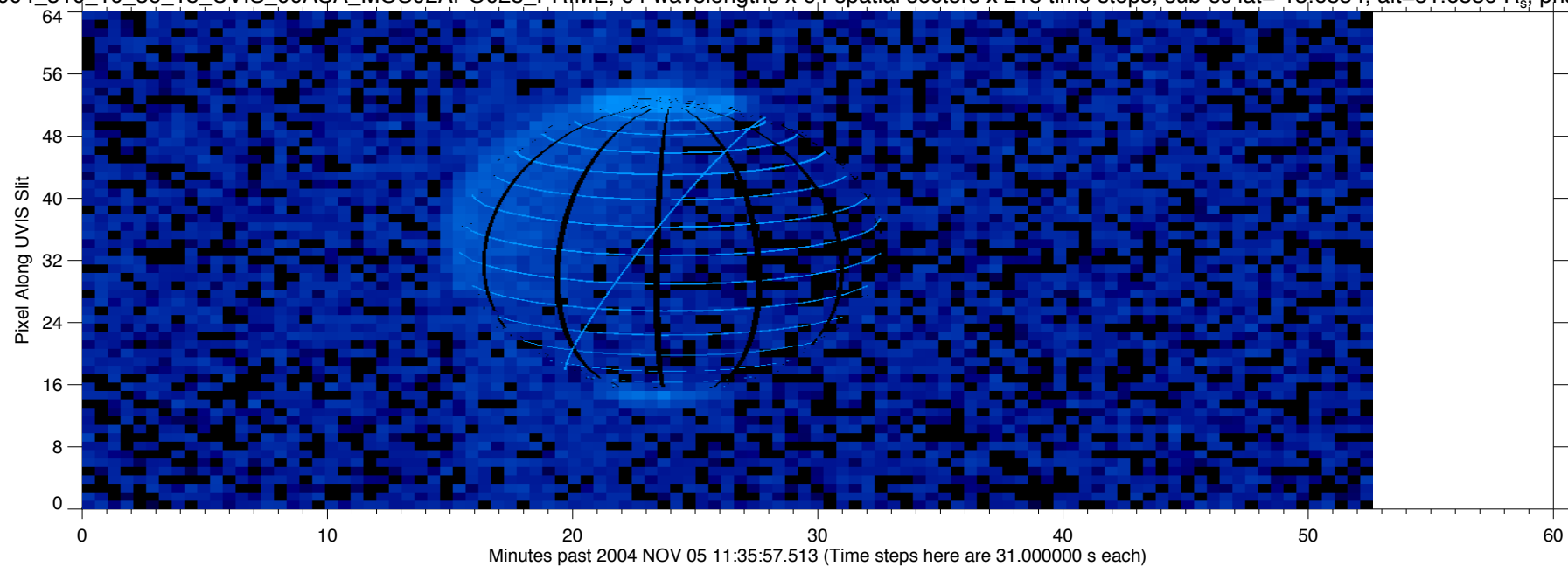
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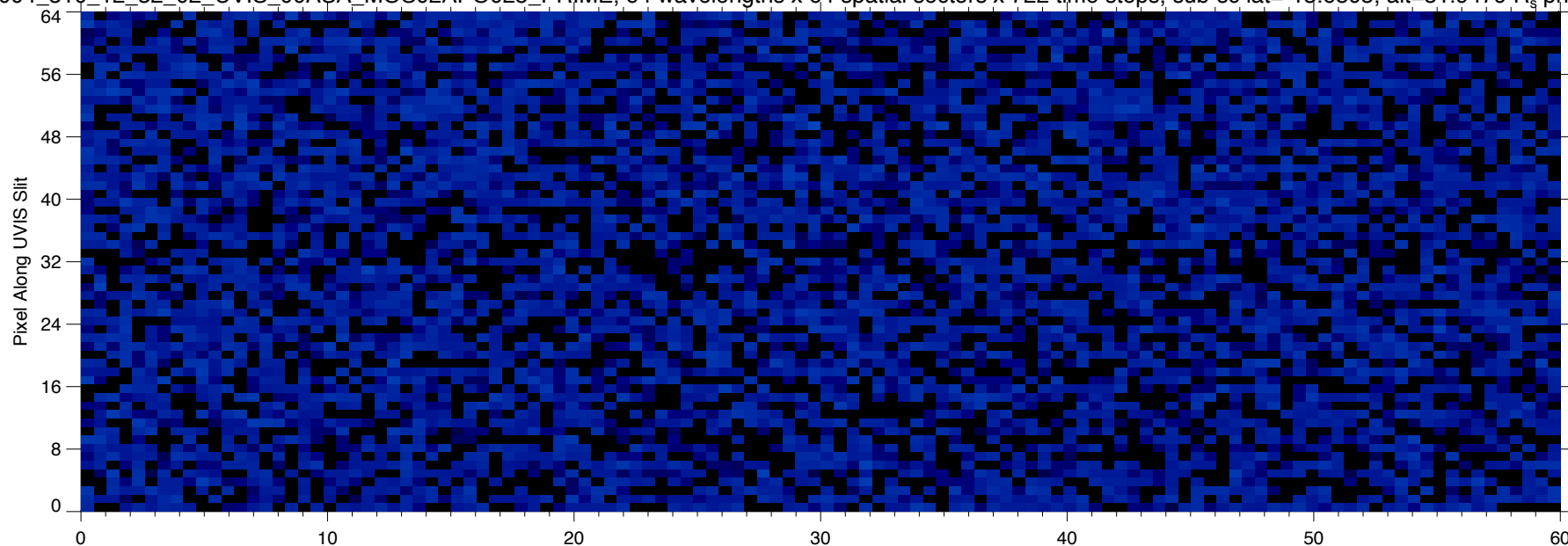
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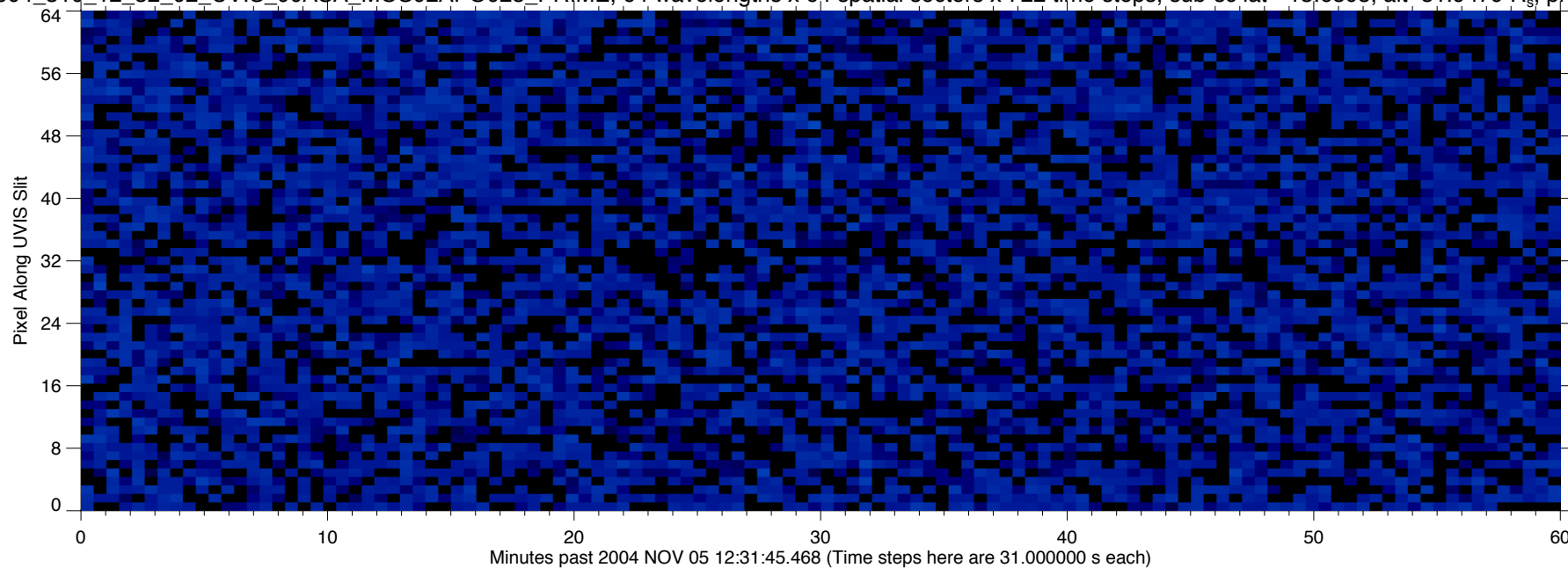
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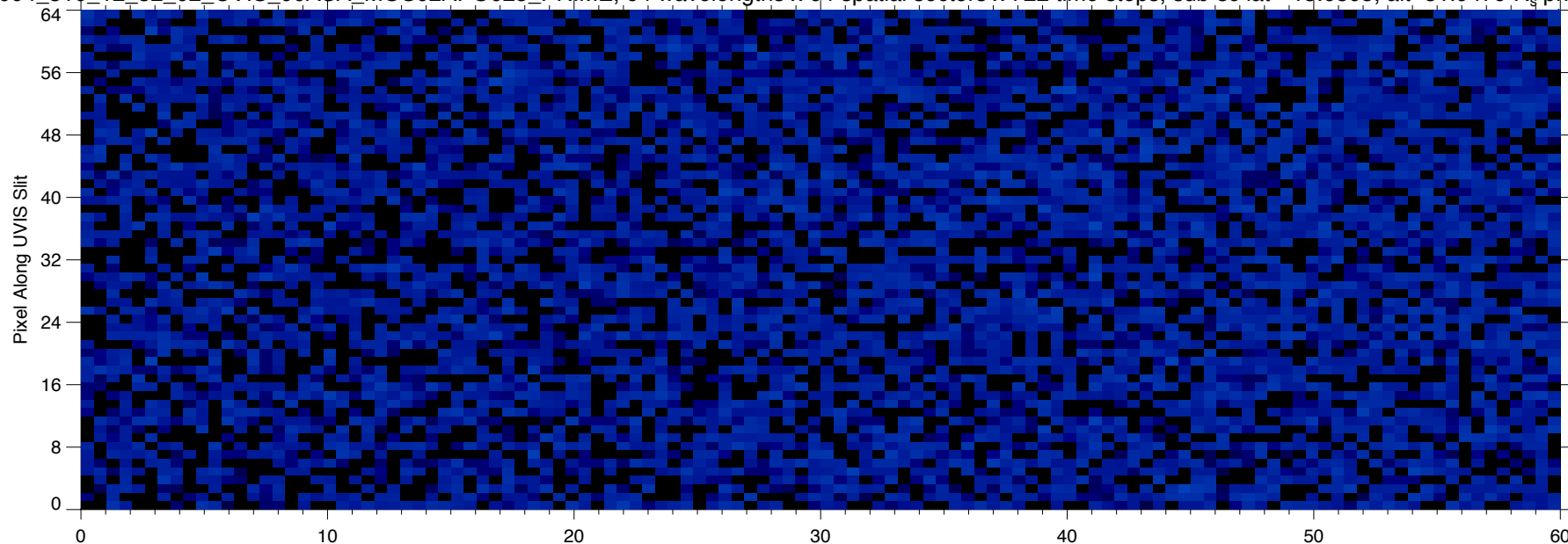
FUV2004_310_12_32_02_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 722 time steps, sub-sc lat=-13.6805, alt=51.9479 R_s phase=97.3123



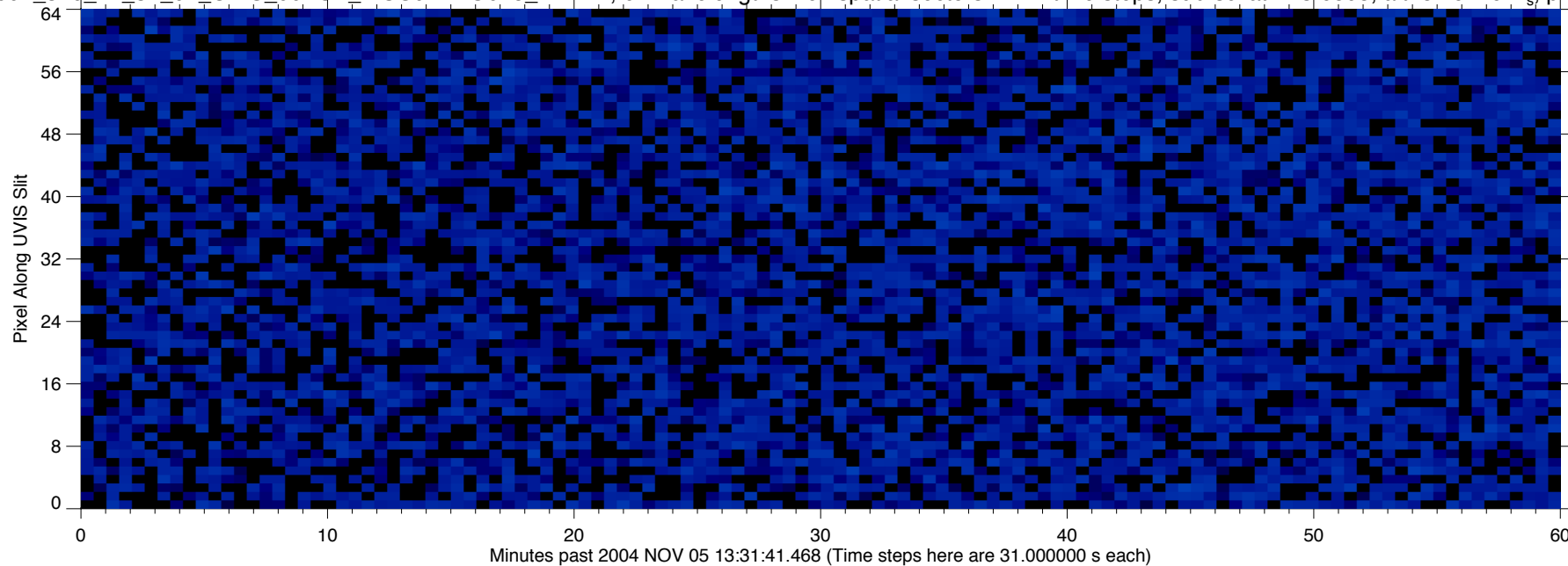
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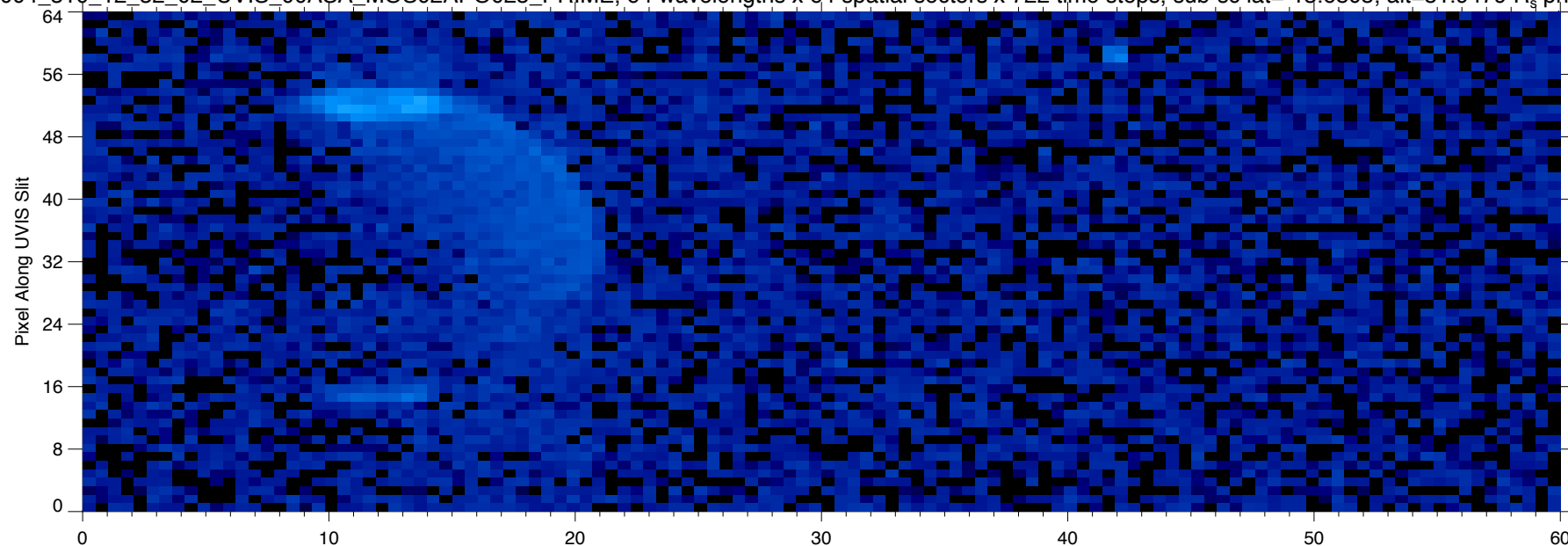
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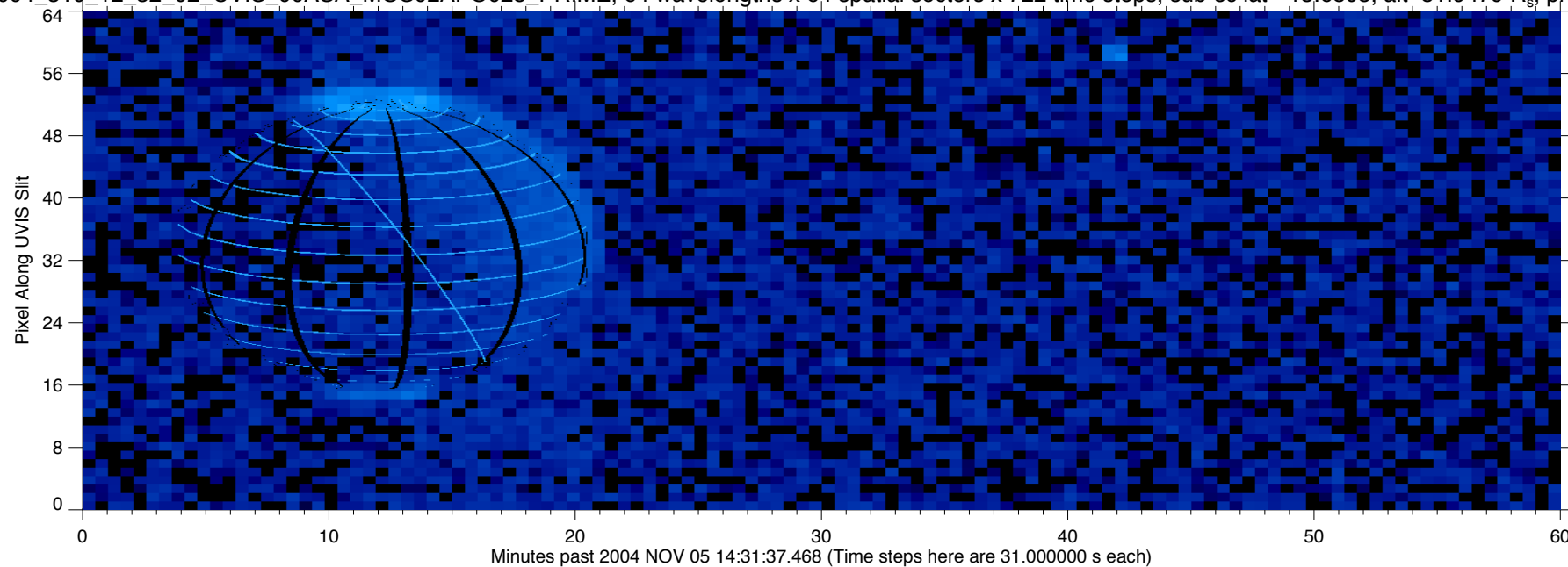
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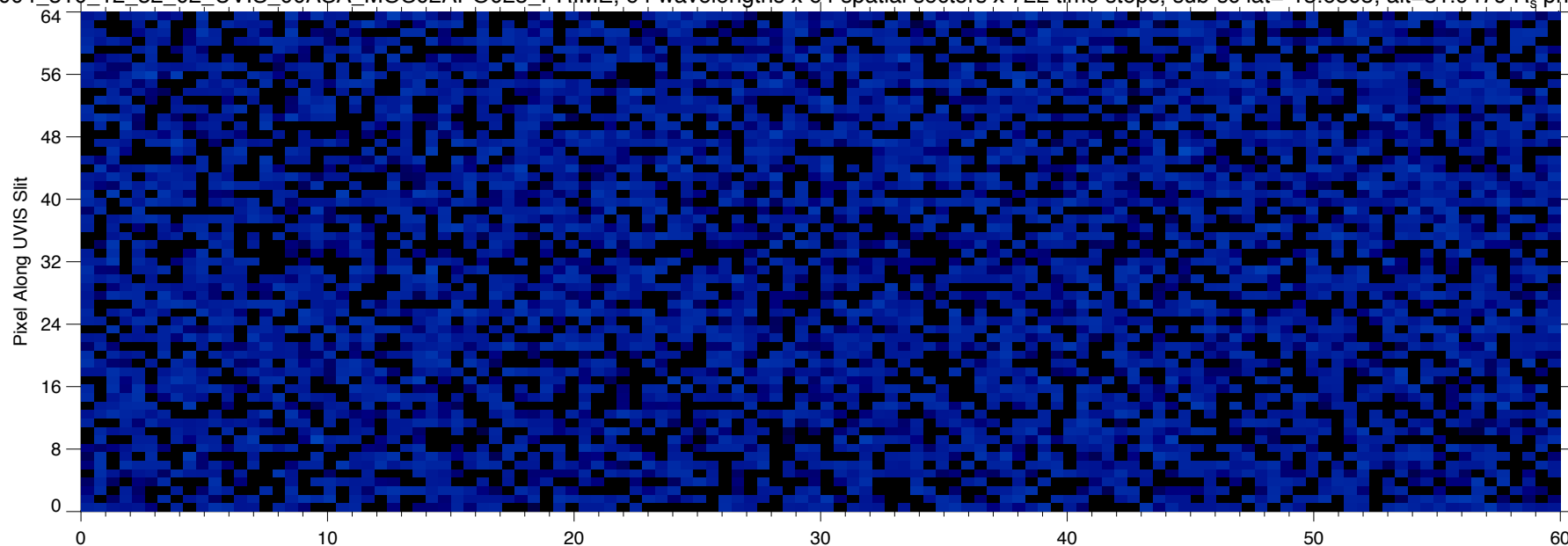
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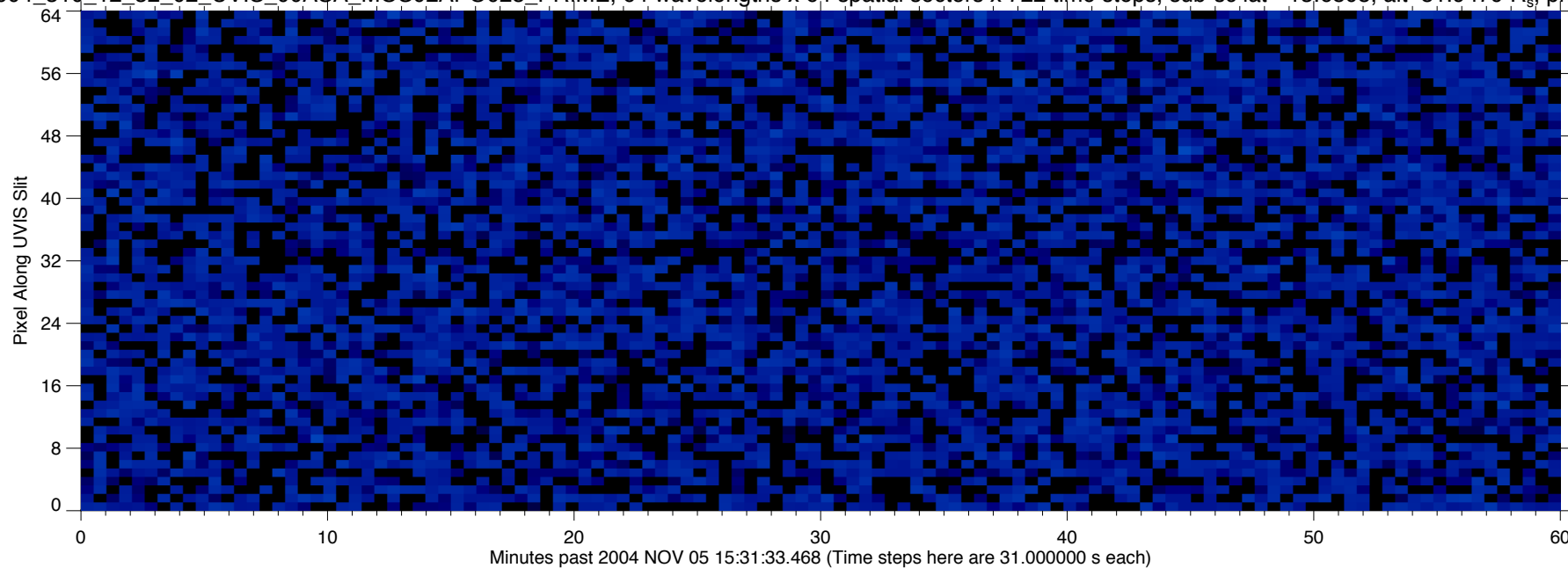
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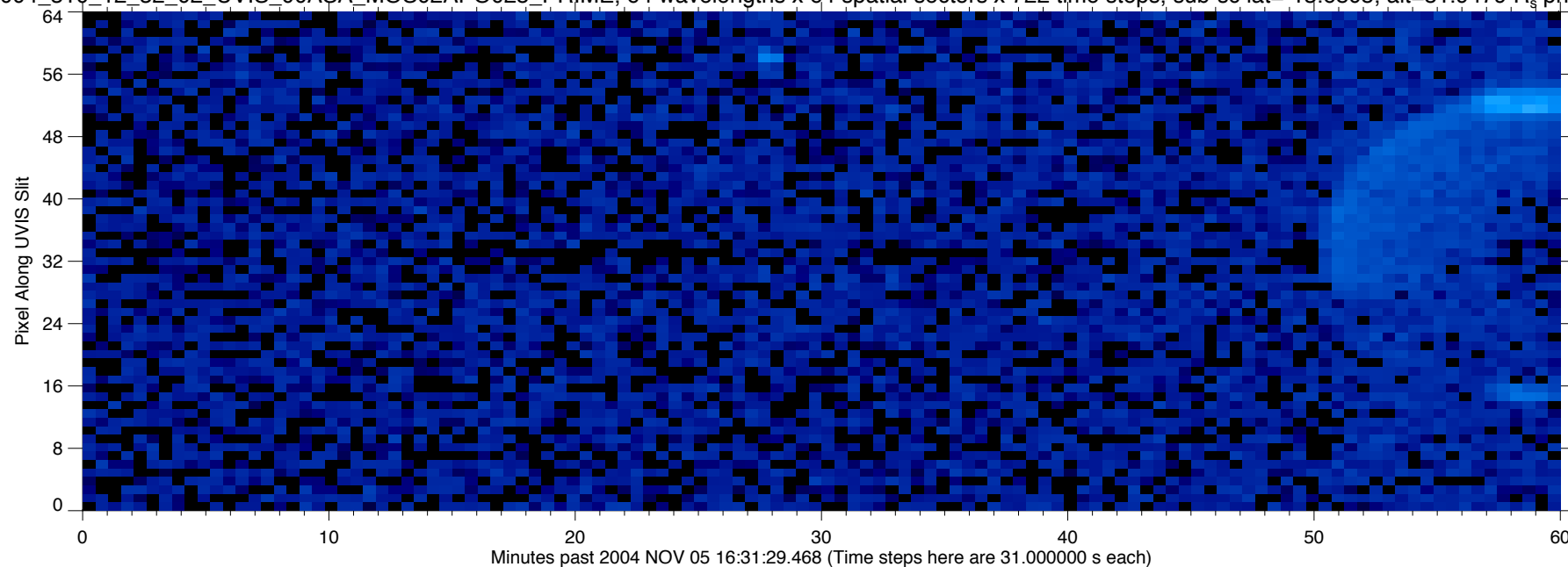
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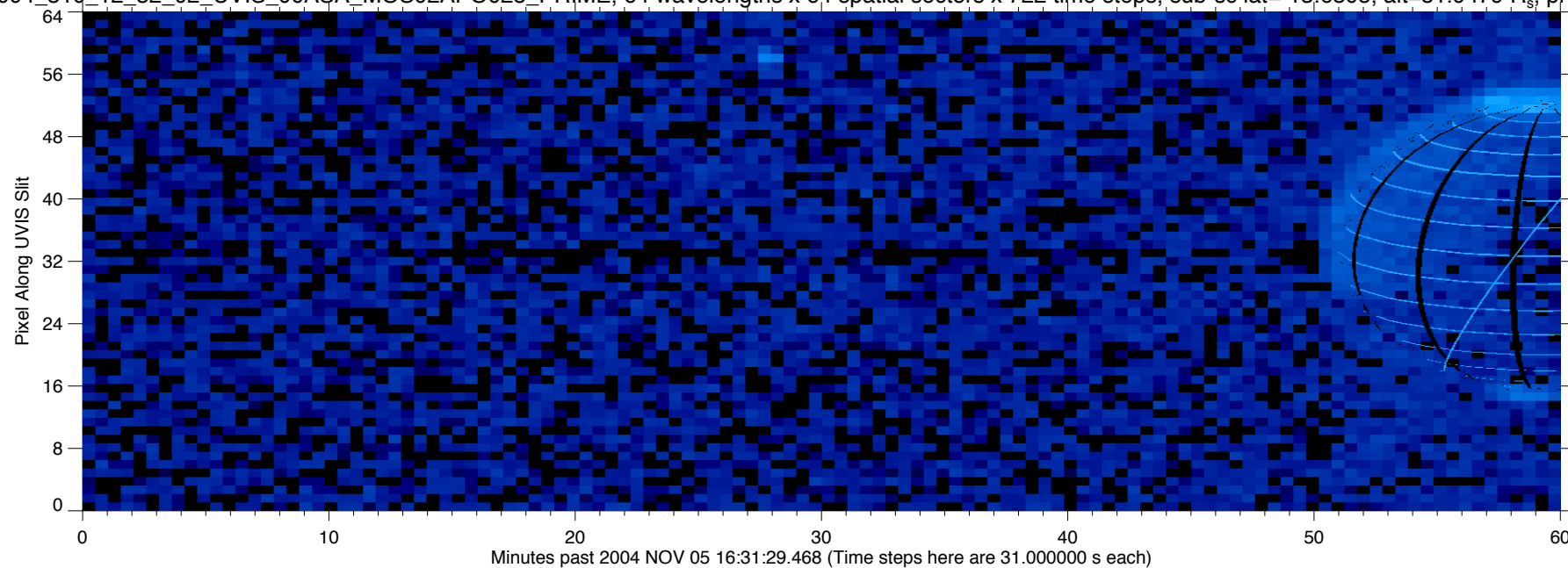
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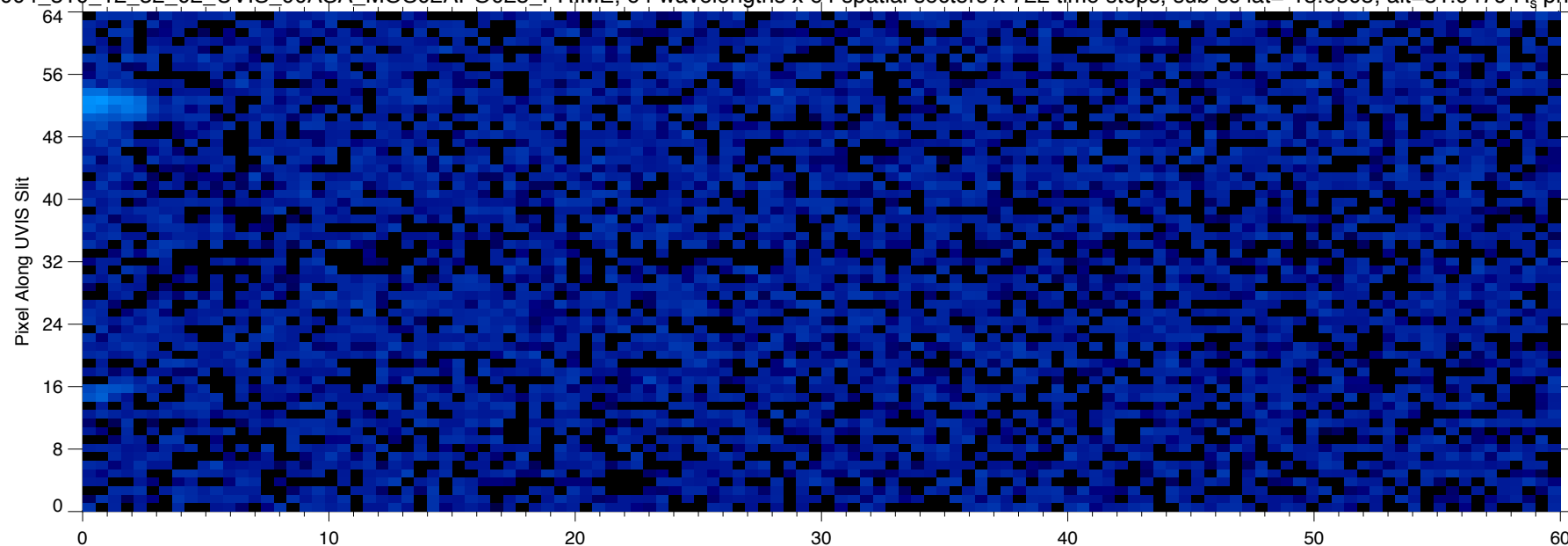
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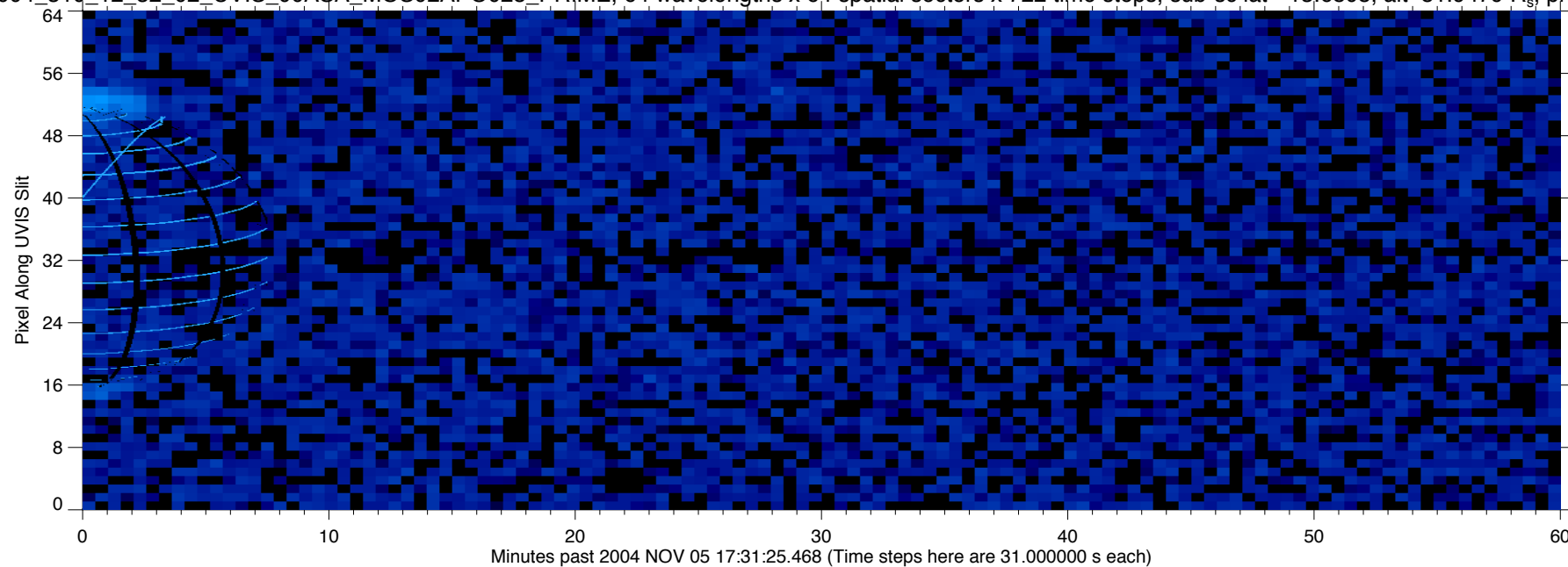
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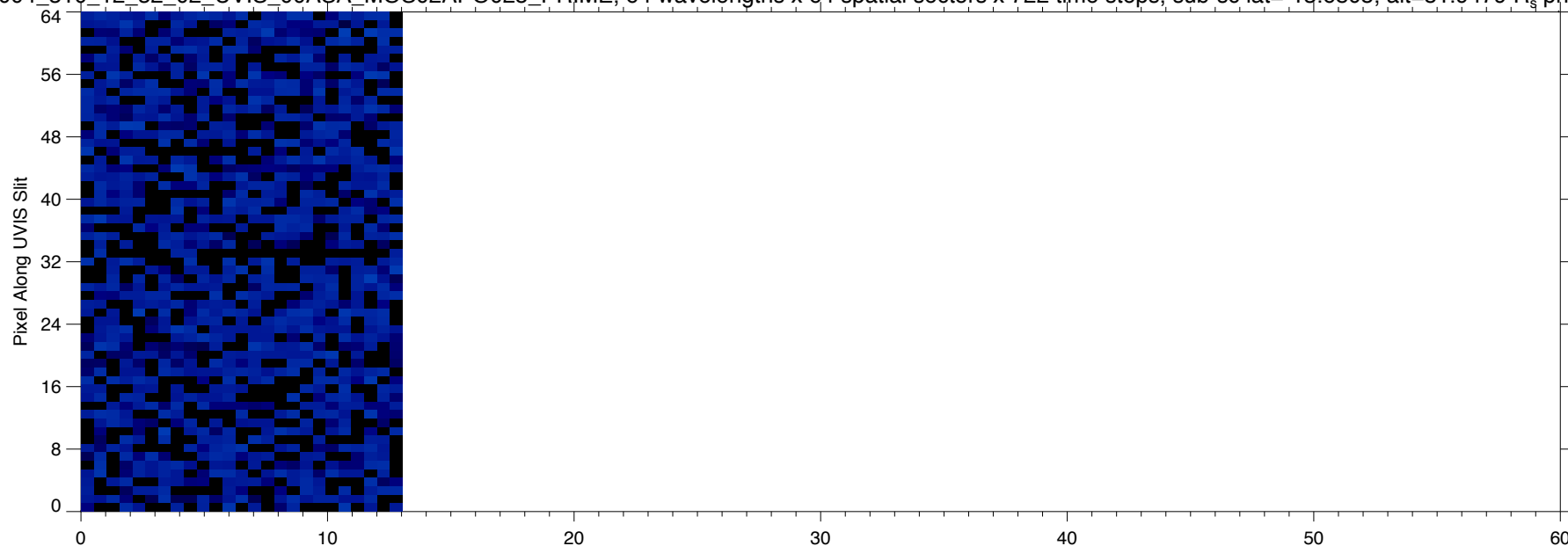
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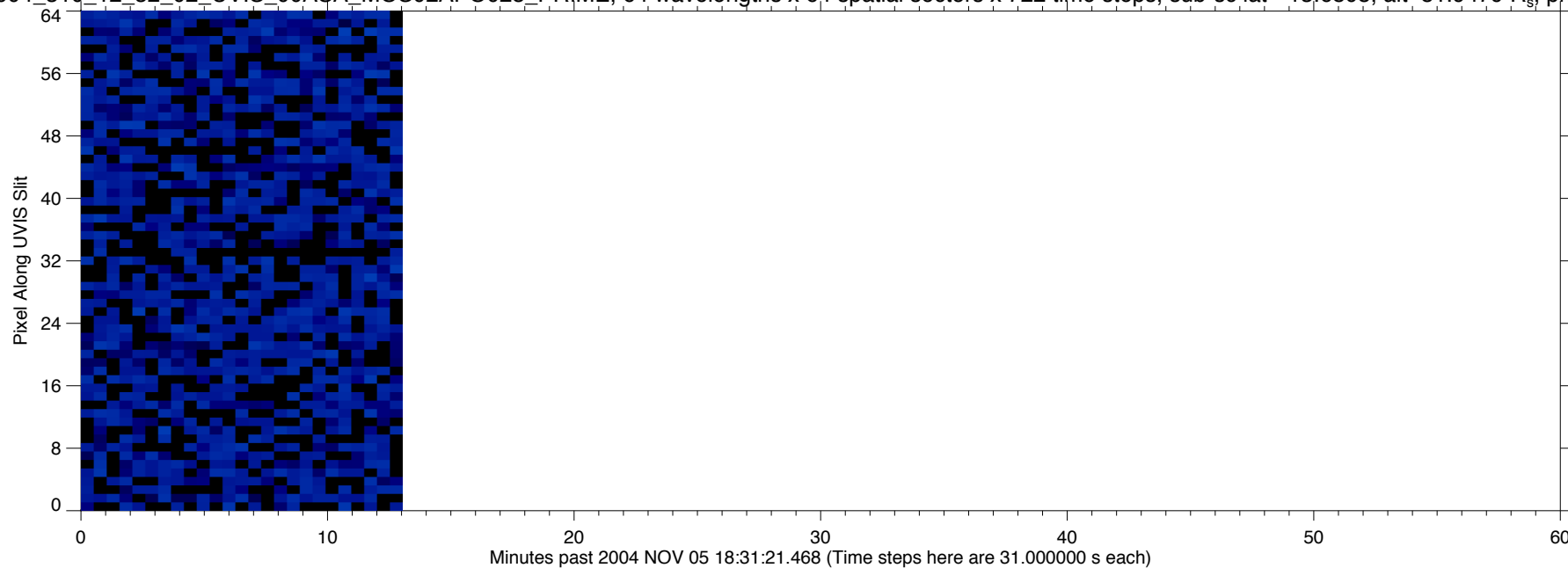
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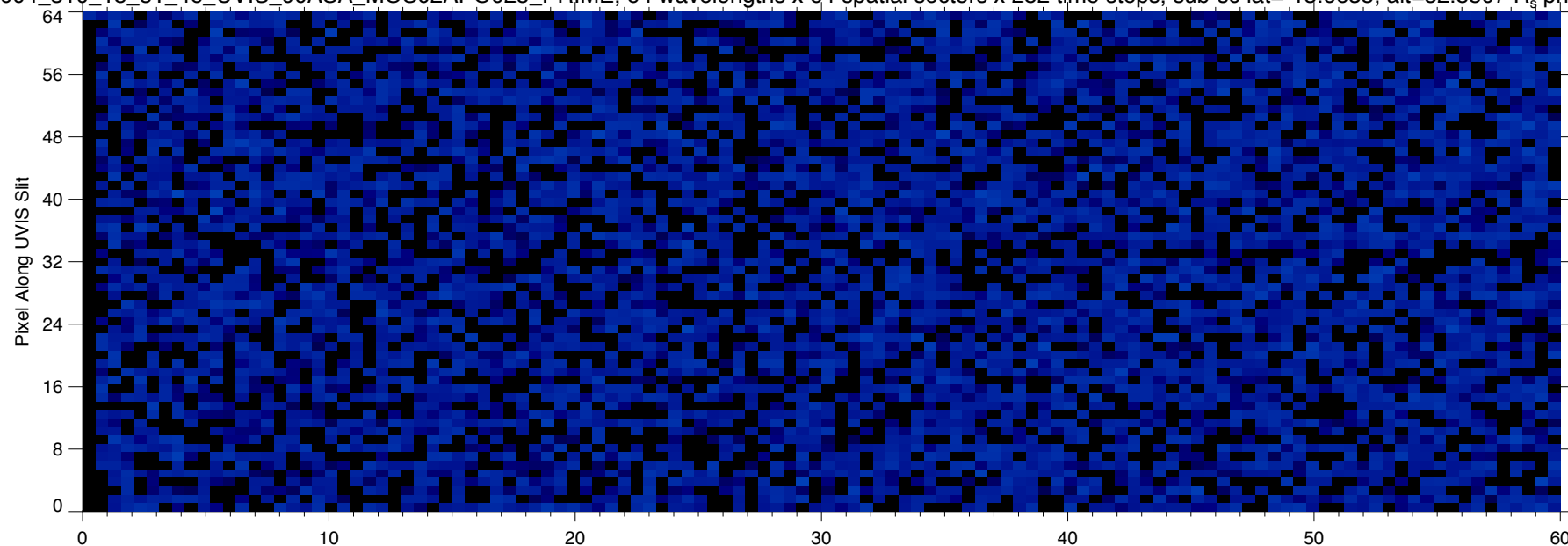
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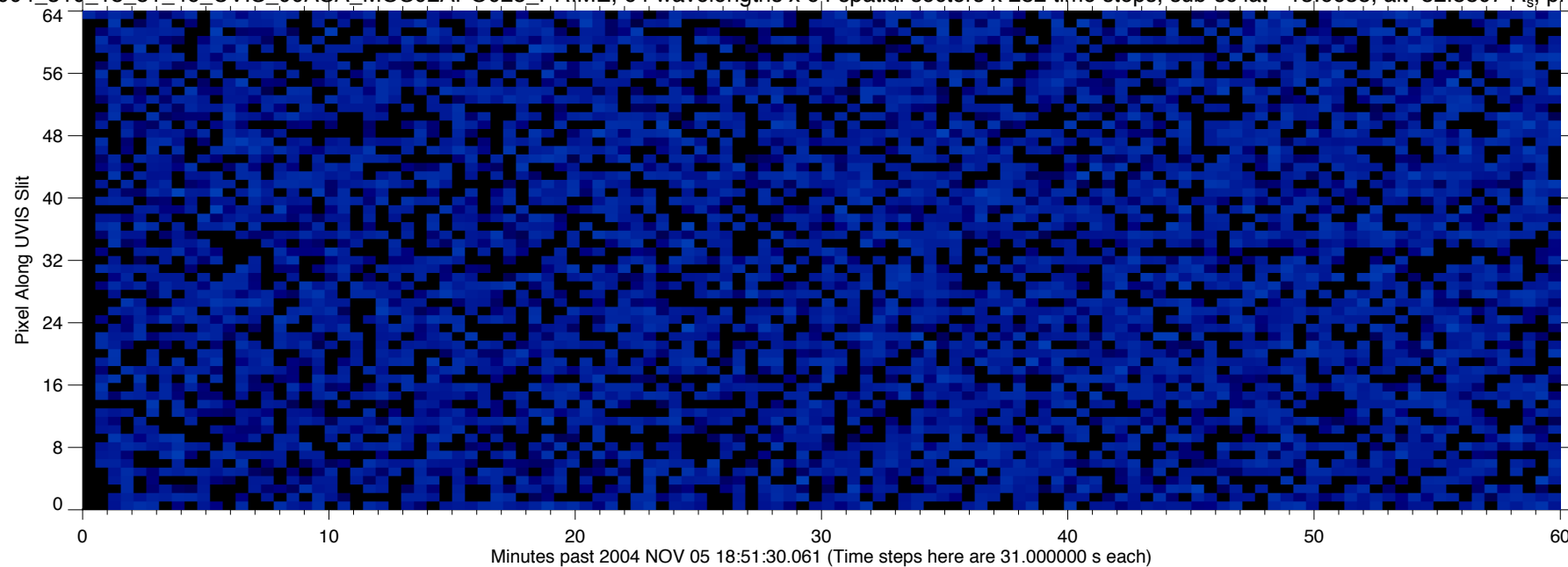
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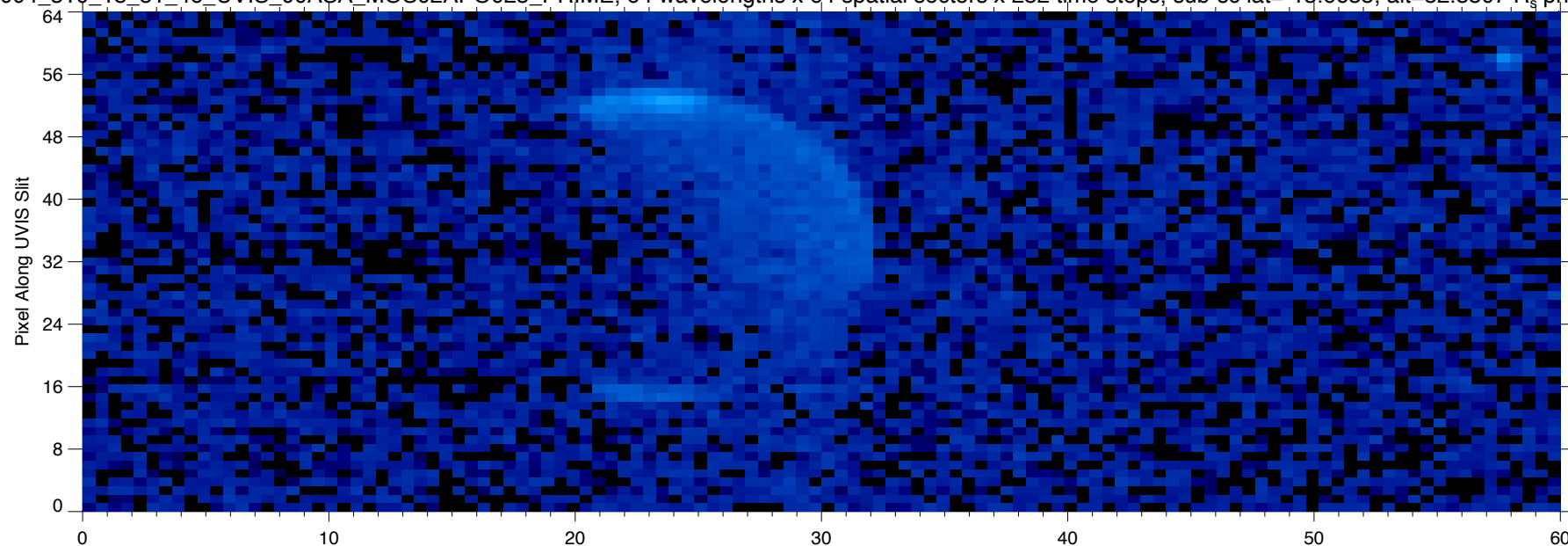
FUV2004_310_18_51_46_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 282 time steps, sub-sc lat=-13.6635, alt=52.8807 R_s phase=96.7527



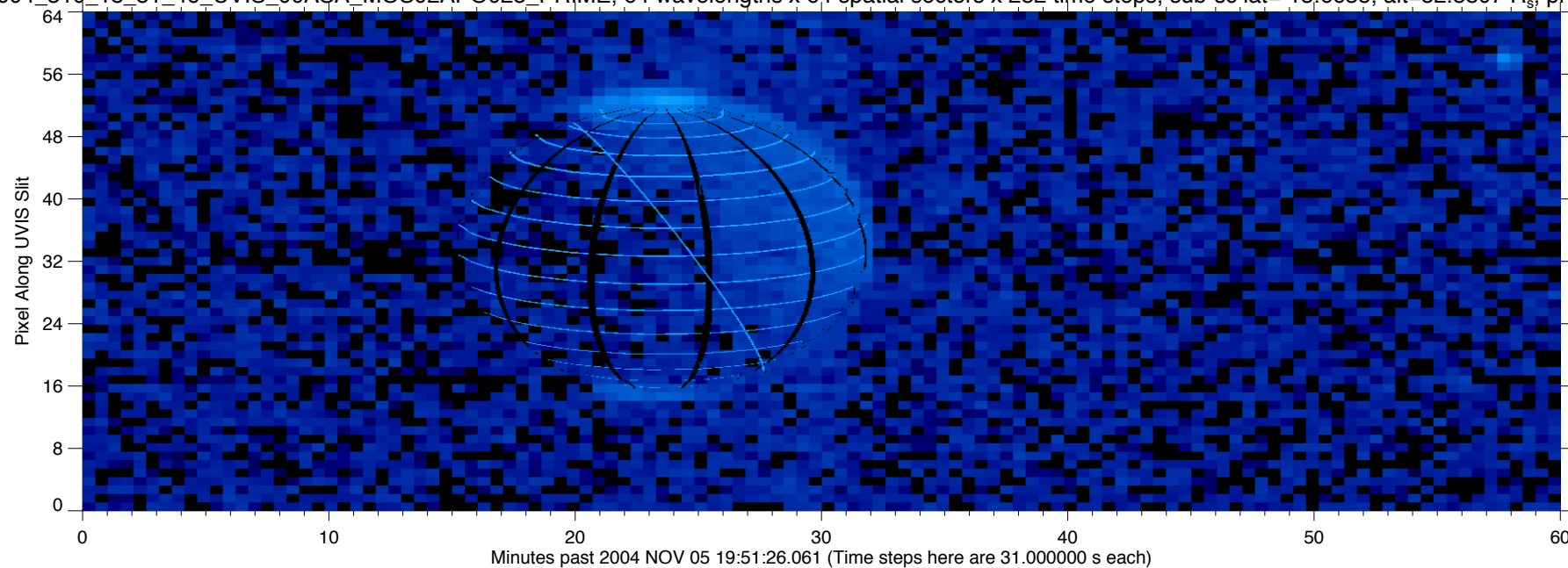
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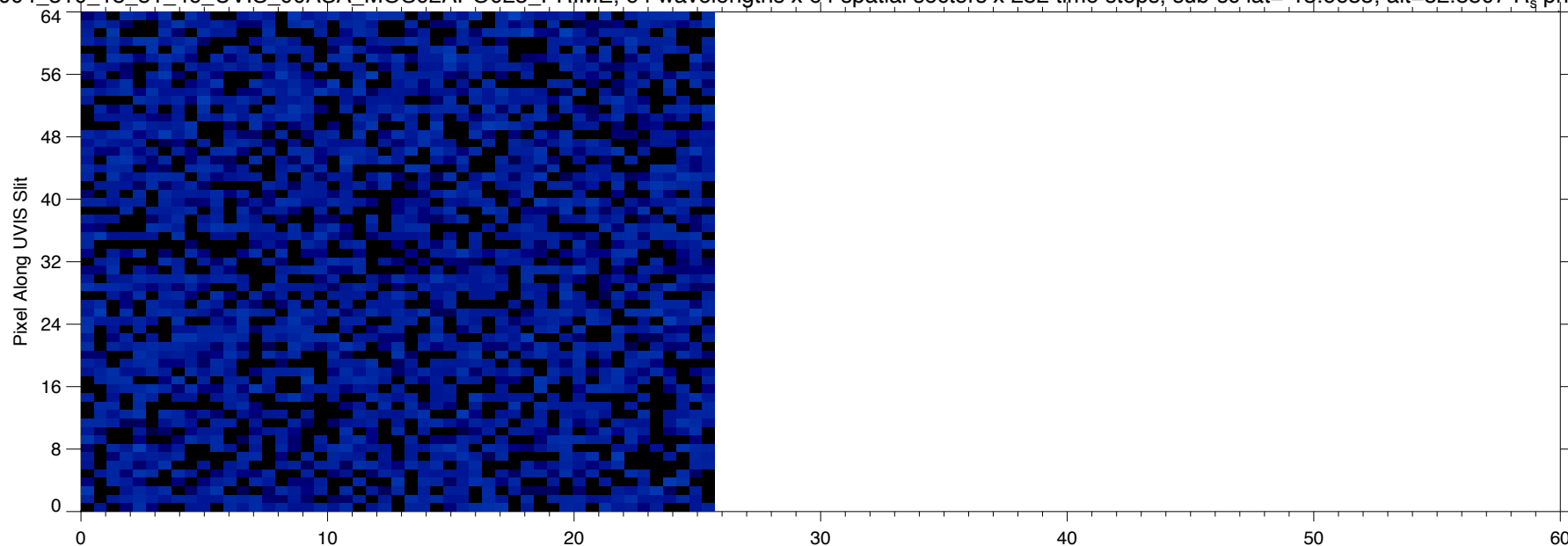
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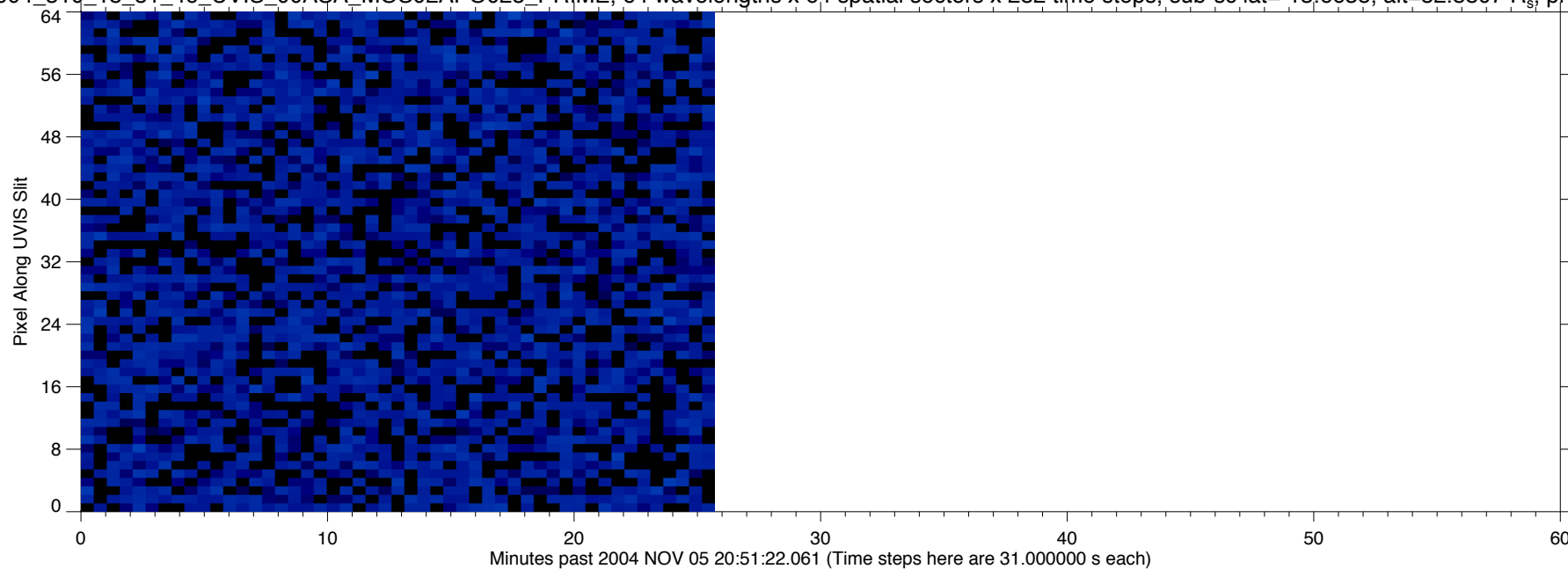
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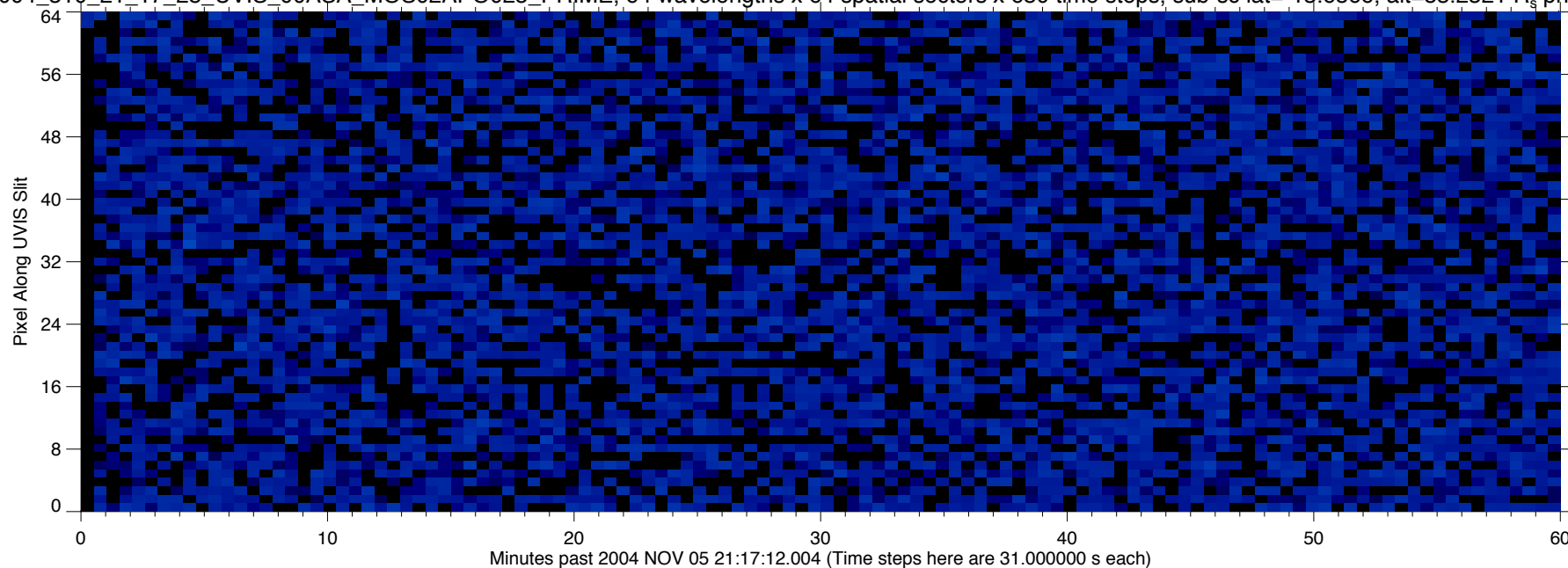
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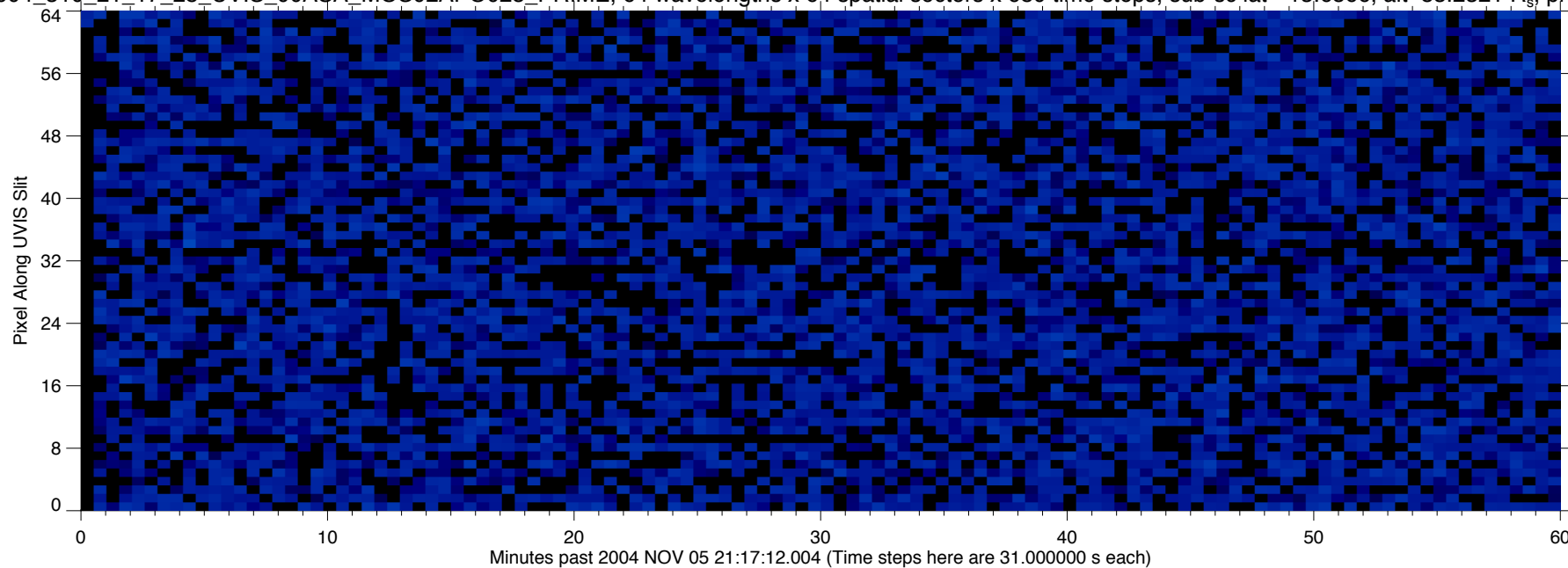
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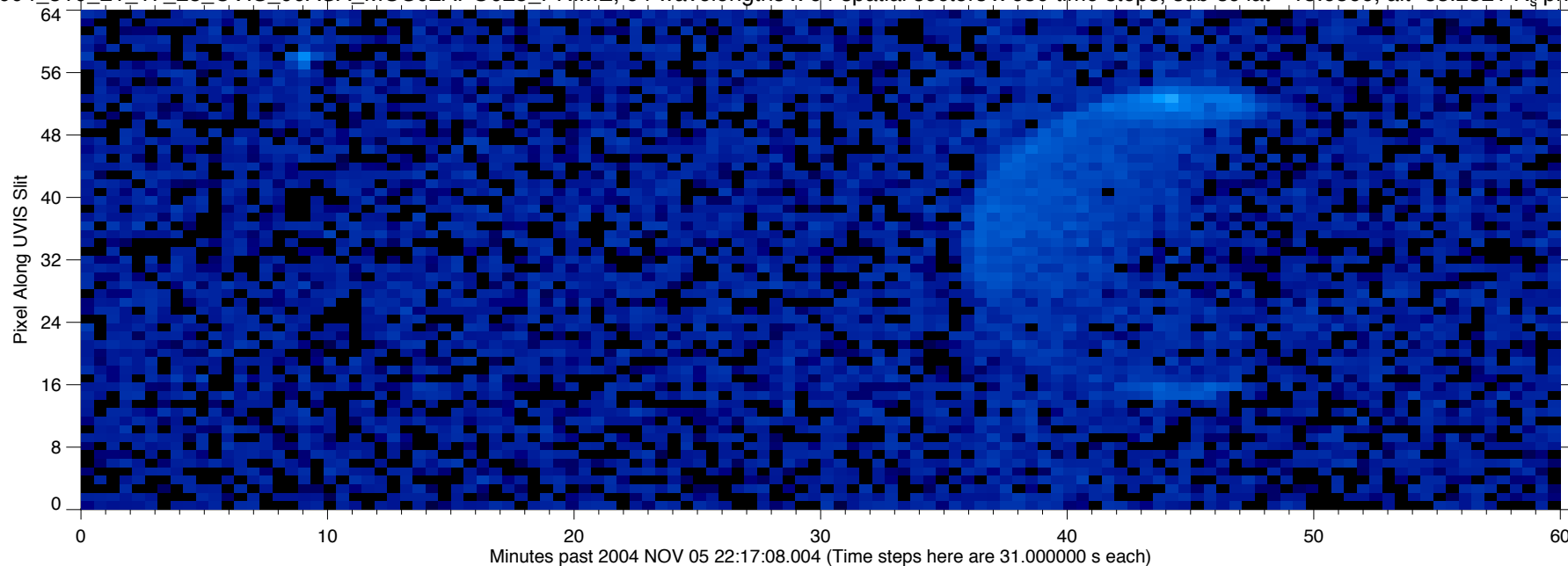
FUV2004_310_21_17_28_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 680 time steps, sub-sc lat=-13.6566, alt=53.2321 R_s phase=96.5431



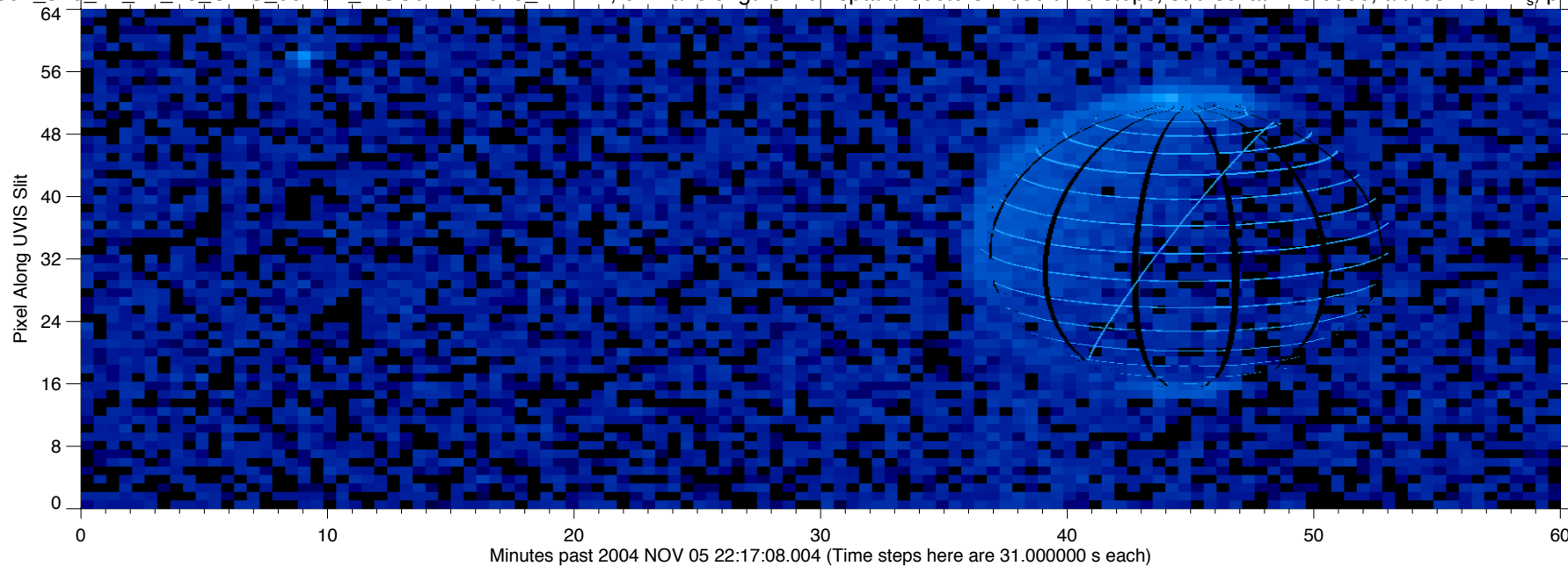
FUV2004_310_21_17_28_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 680 time steps, sub-sc lat=-13.6566, alt=53.2321 R_s phase=96.5431



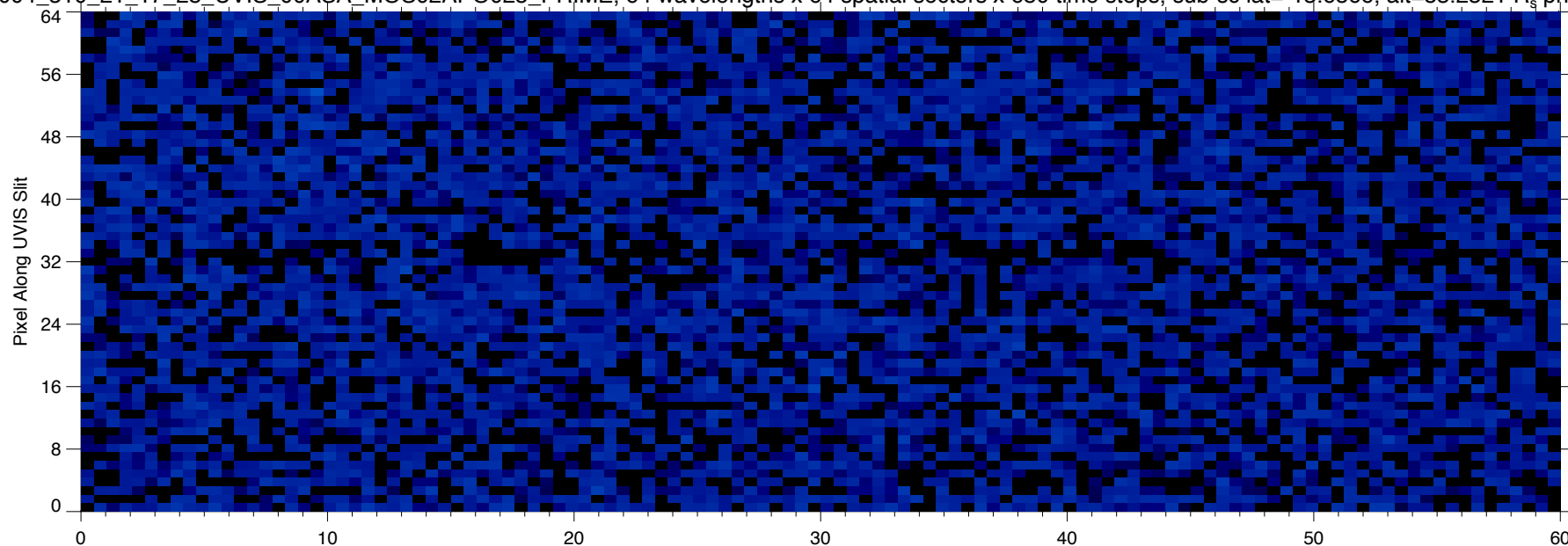
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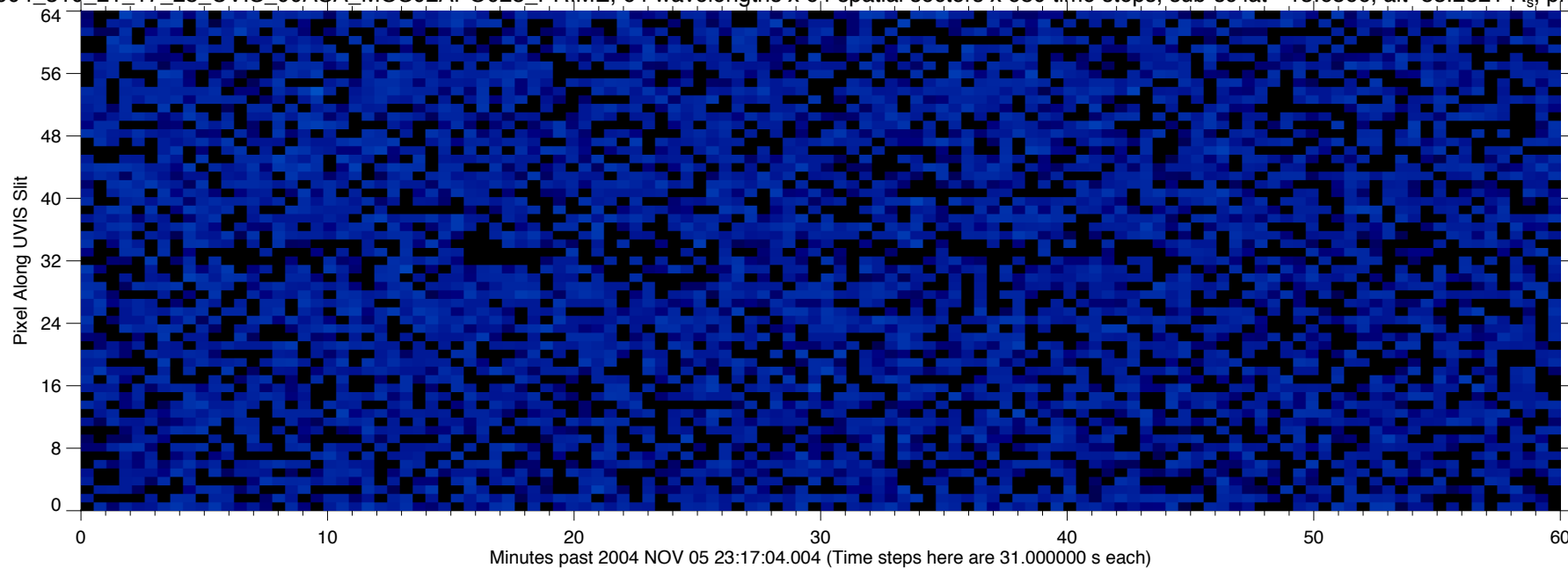
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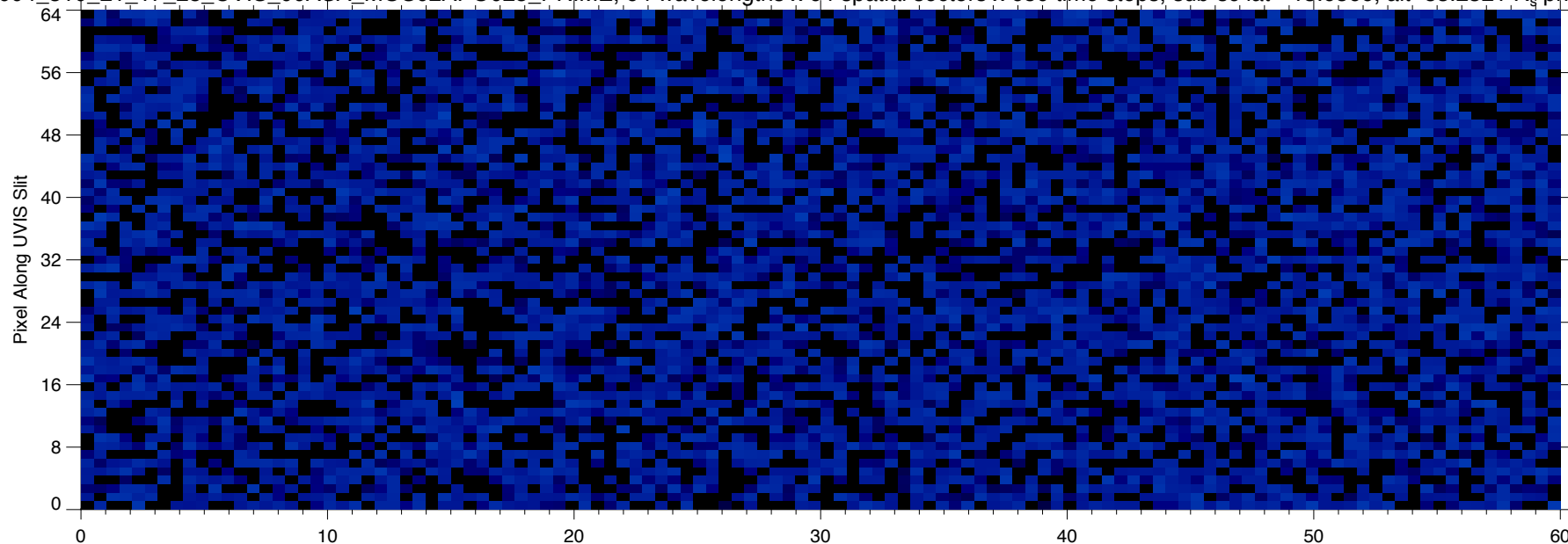
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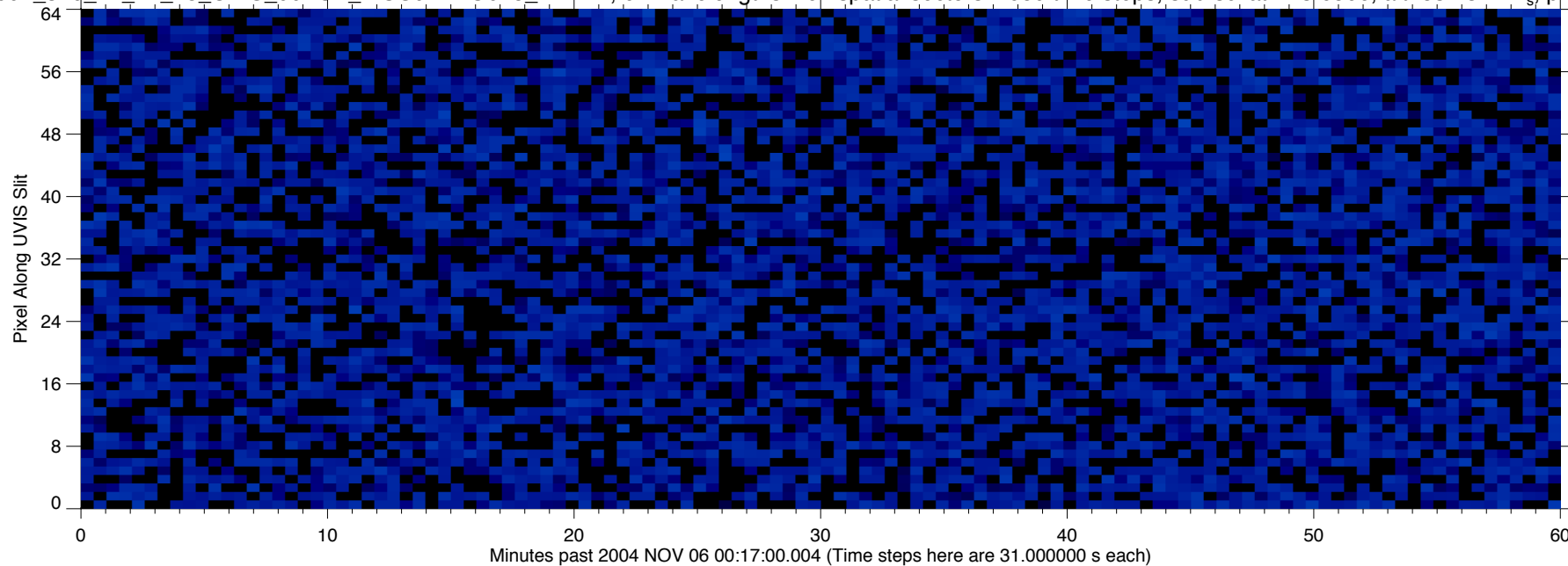
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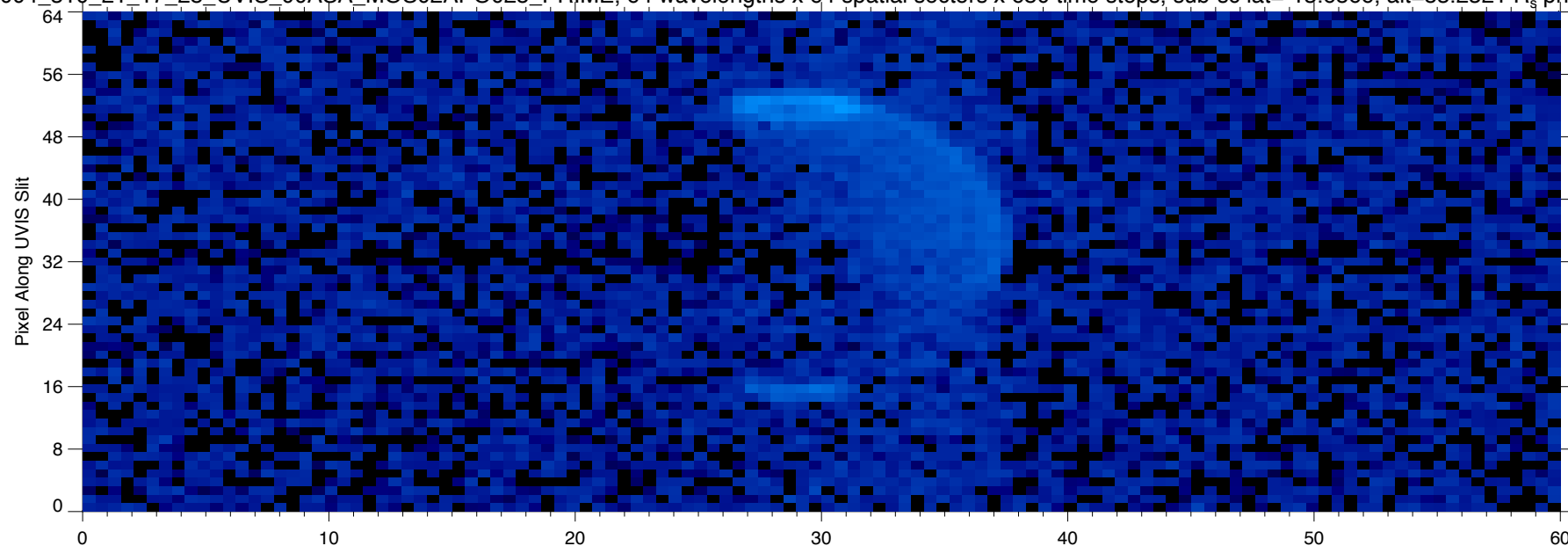
FUV2004_310_21_17_28_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 680 time steps, sub-sc lat=-13.6566, alt=53.2321 R_s phase=96.5431



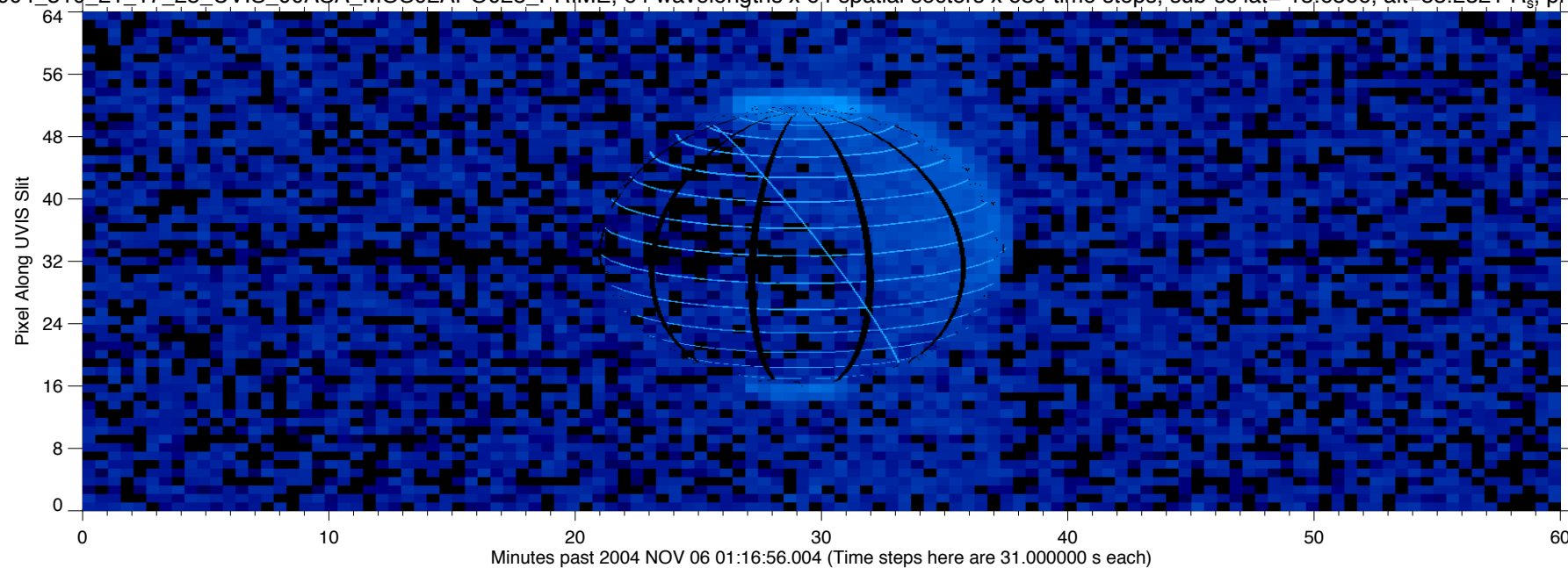
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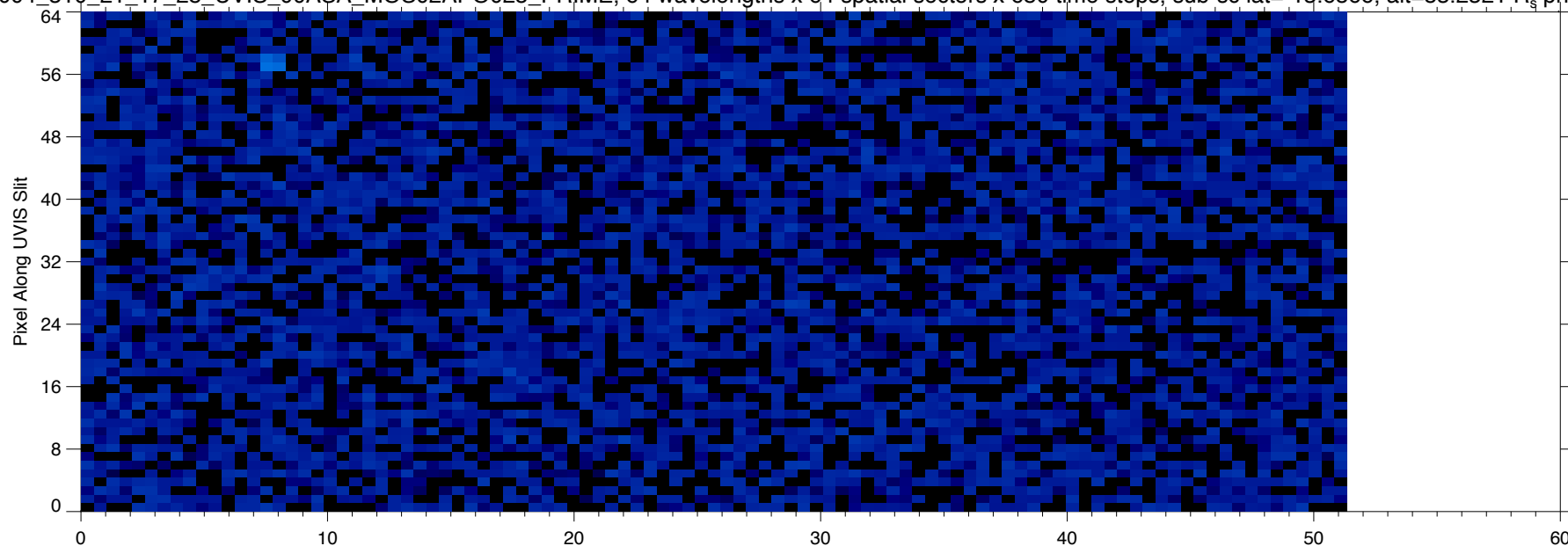
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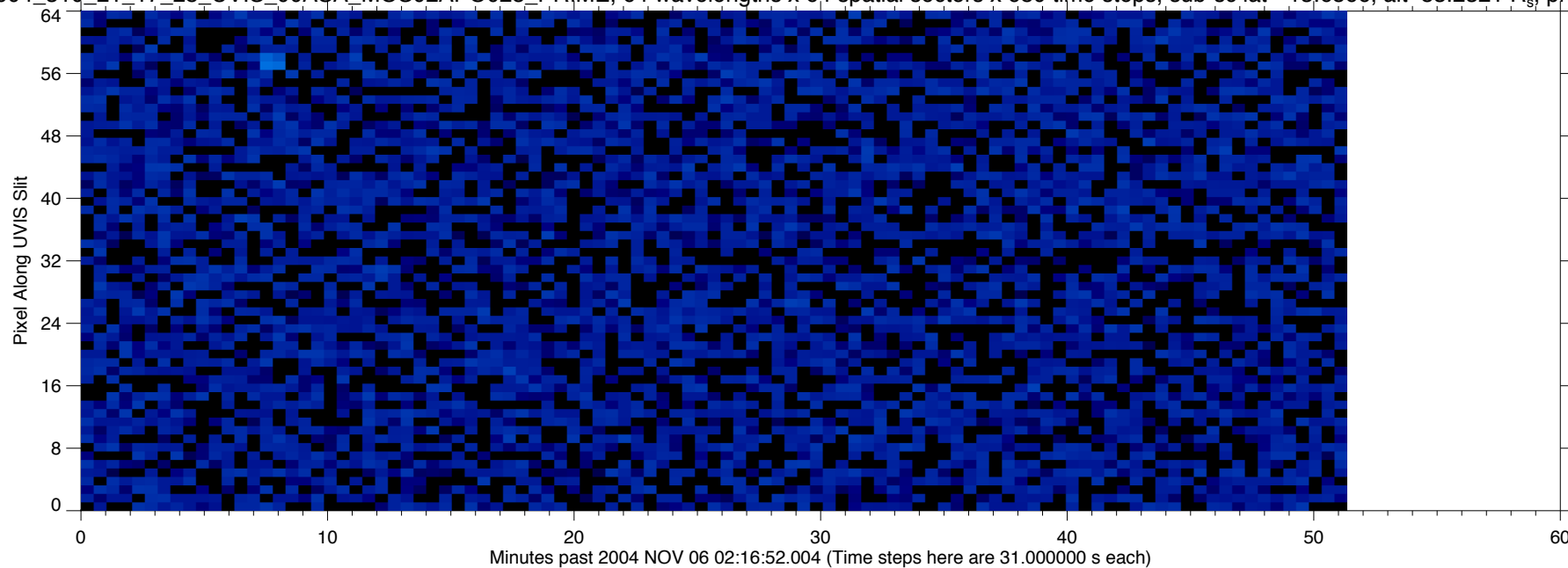
FUV2004_310_21_17_28_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 680 time steps, sub-sc lat=-13.6566, alt=53.2321 R_s phase=96.5431



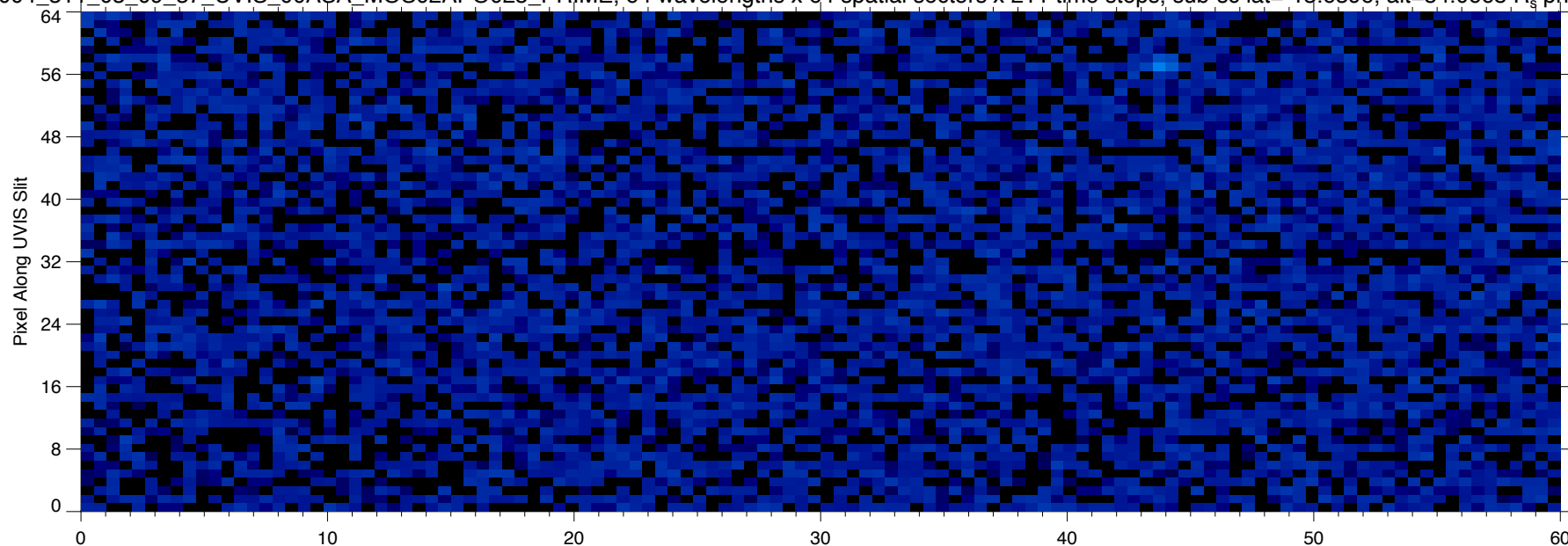
FUV2004_310_21_17_28_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 680 time steps, sub-sc lat=-13.6566, alt=53.2321 R_s phase=96.5431



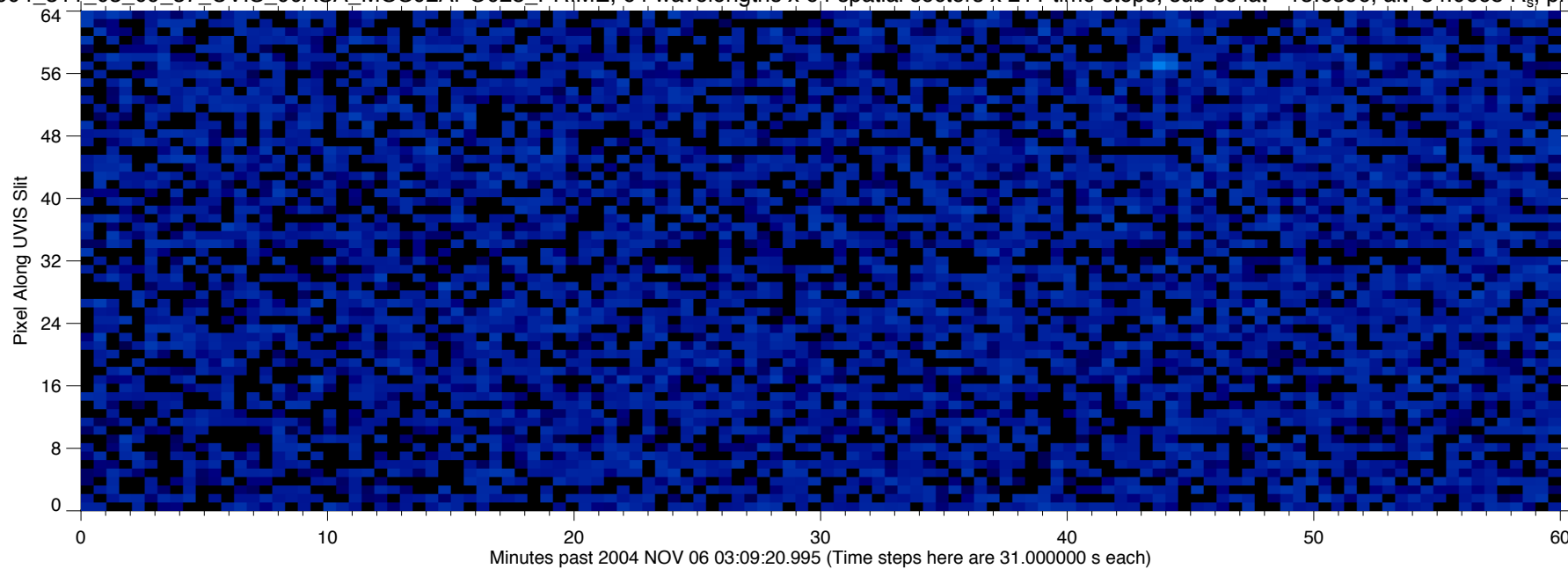
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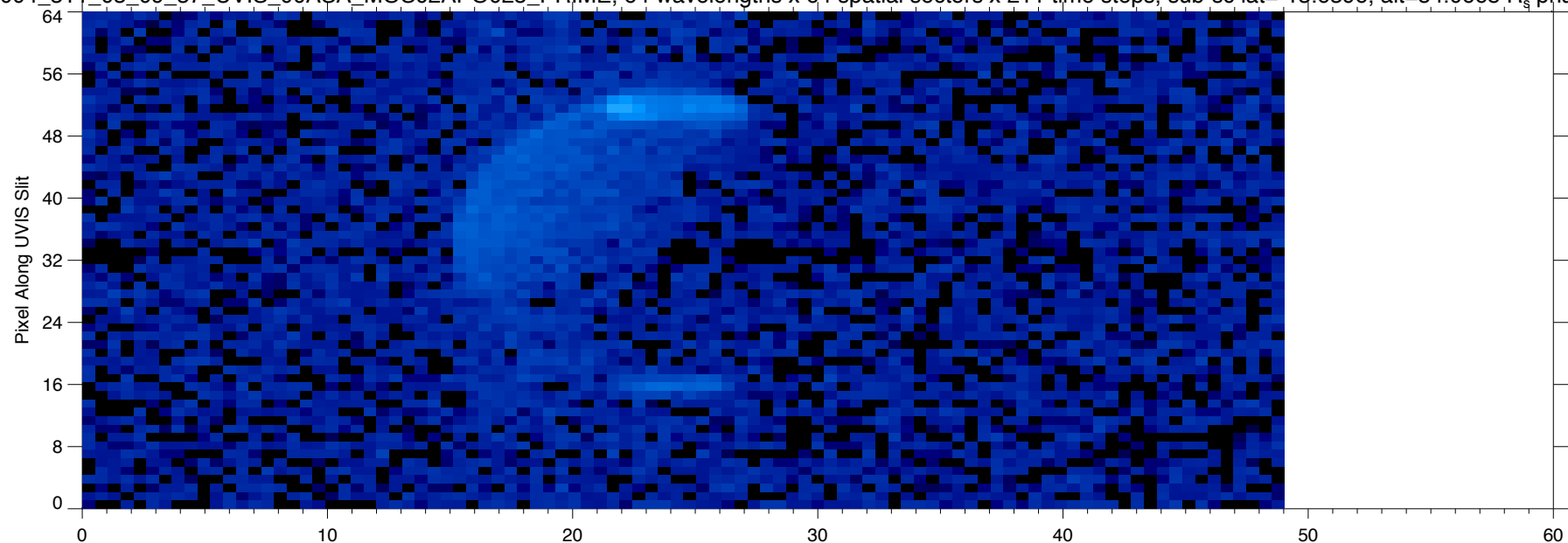
FUV2004_311_03_09_37_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-13.6396, alt=54.0668 R_s phase=96.0476



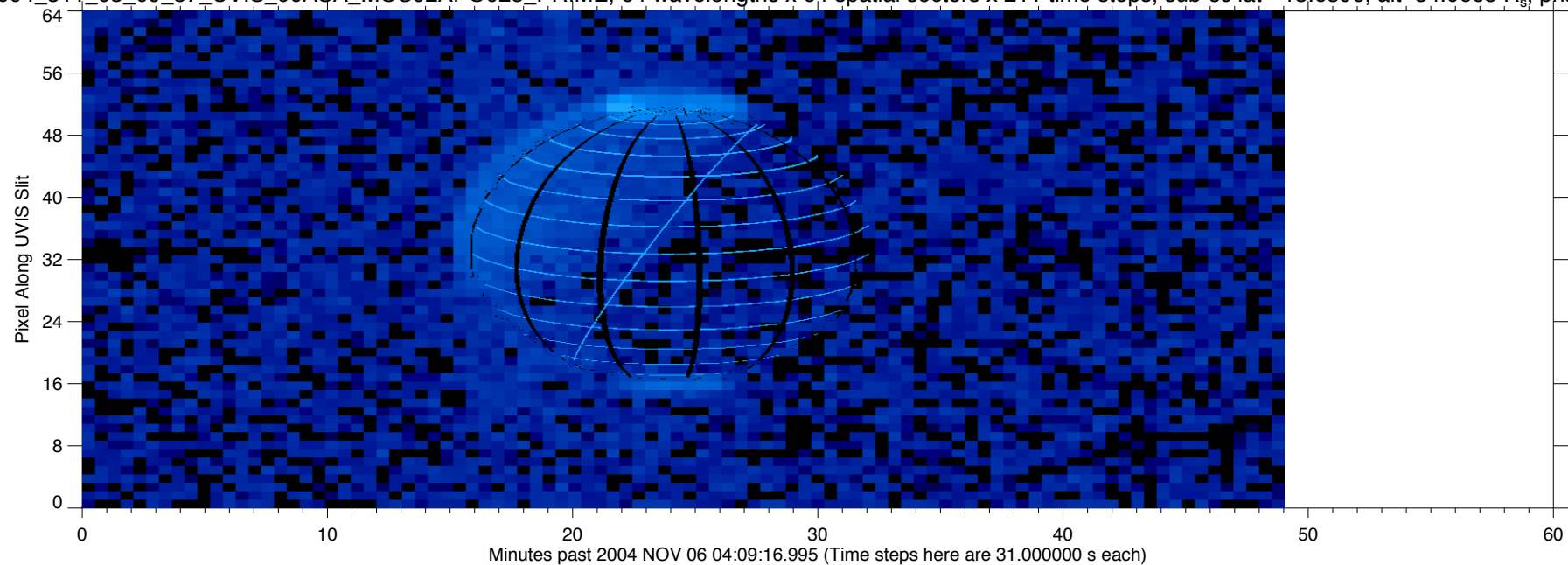
FUV2004_311_03_09_37_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-13.6396, alt=54.0668 R_s phase=96.0476



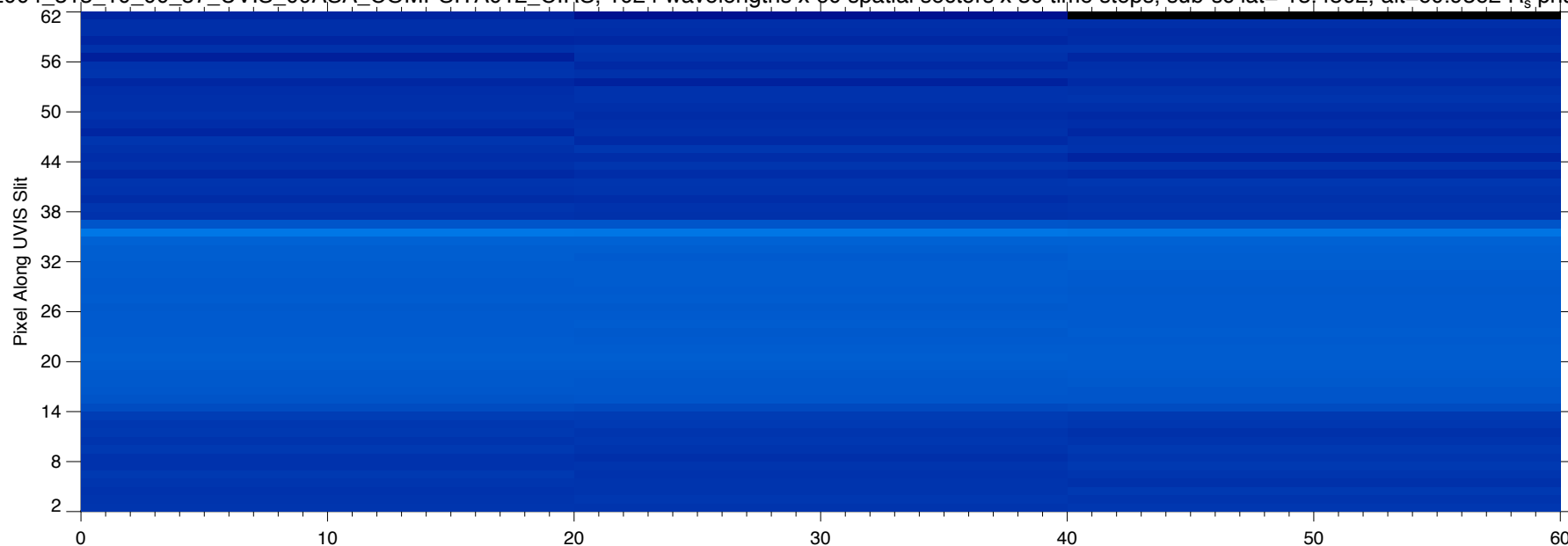
FUV2004_311_03_09_37_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-13.6396, alt=54.0668 R_s phase=96.0476



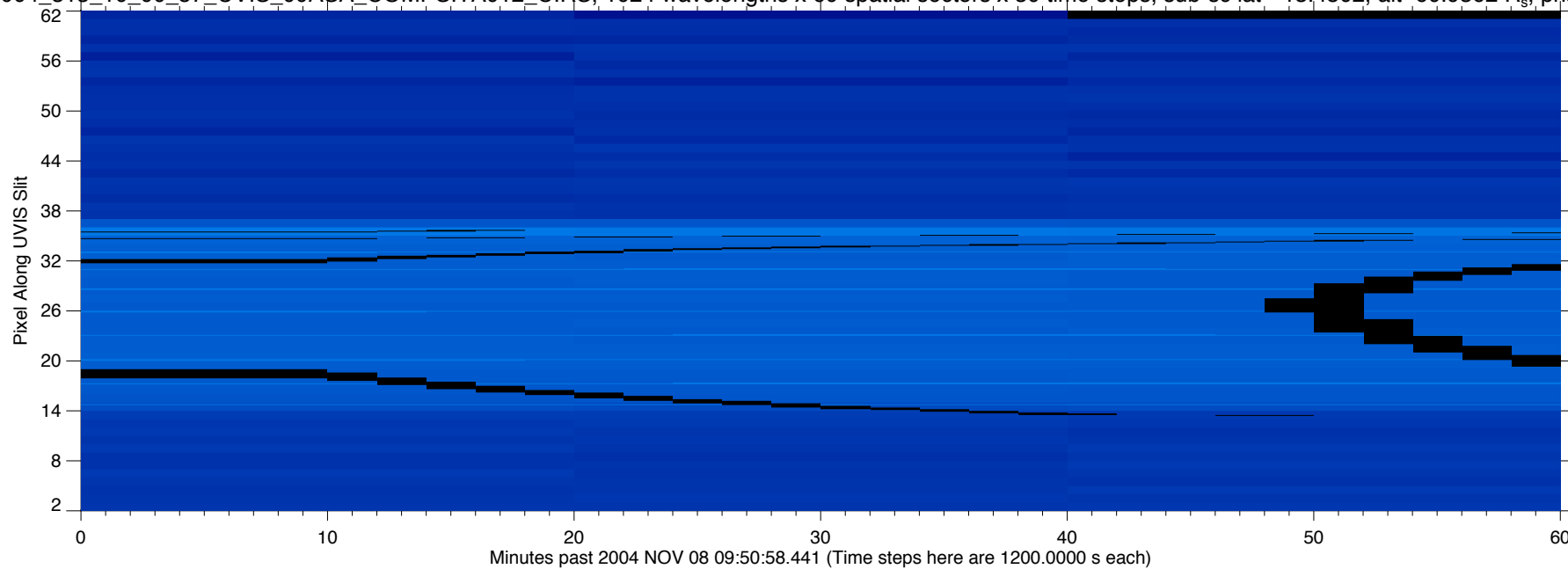
FUV2004_311_03_09_37_UVIS_00ASA_MOS02APO025_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-13.6396, alt=54.0668 R_s phase=96.0476



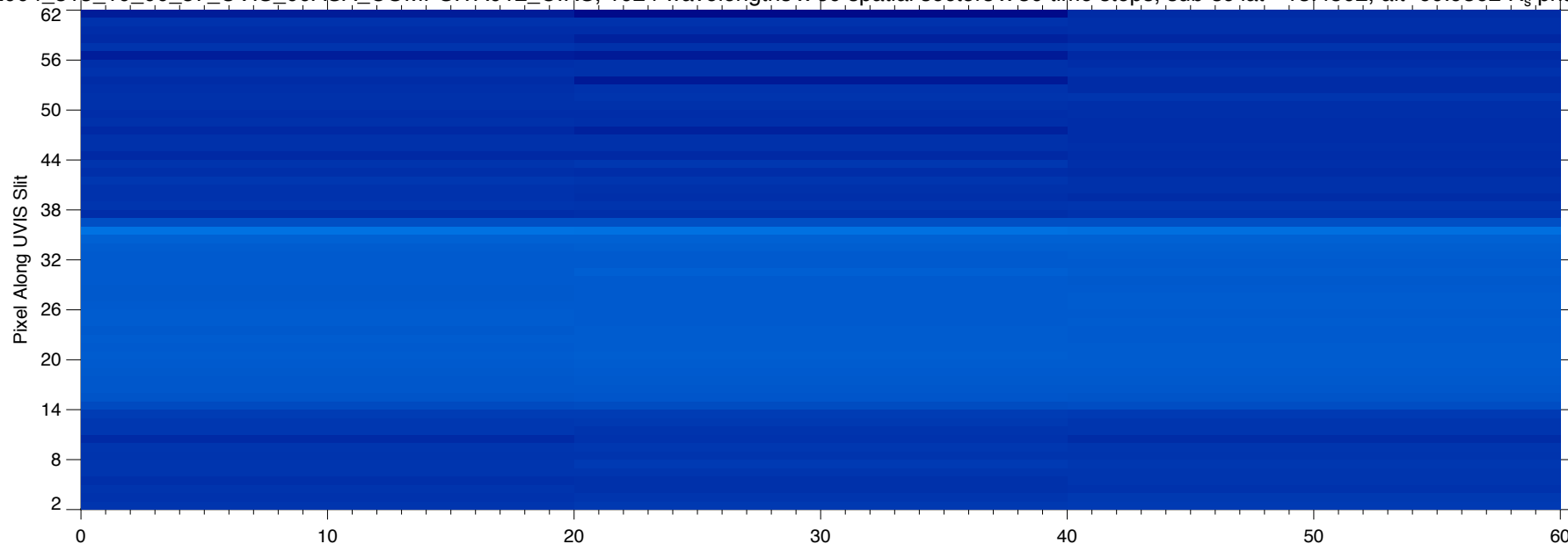
FUV2004_313_10_00_57_UVIS_00ASA_COMPSITA012_CIRS, 1024 wavelengths x 60 spatial sectors x 30 time steps, sub-sc lat=-13.4502, alt=60.9362 R_s, phase=92.0281



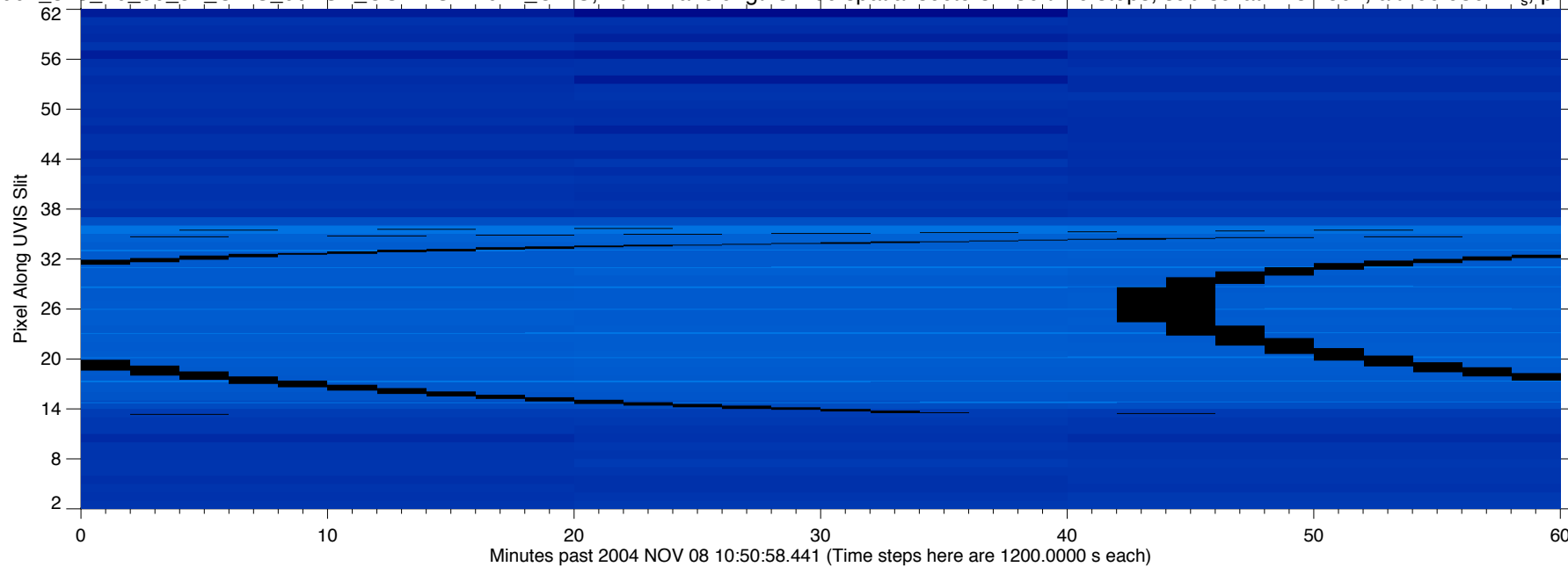
FUV2004_313_10_00_57_UVIS_00ASA_COMPSITA012_CIRS, 1024 wavelengths x 60 spatial sectors x 30 time steps, sub-sc lat=-13.4502, alt=60.9362 R_s, phase=92.0281



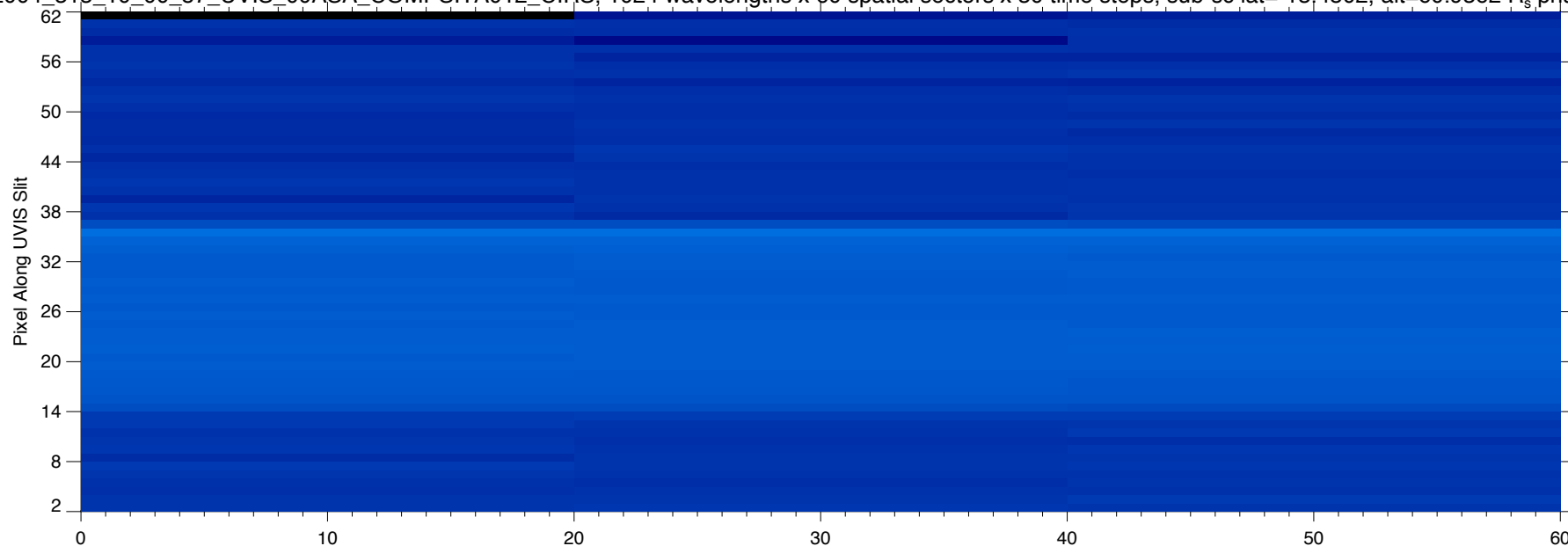
FUV2004_313_10_00_57_UVIS_00ASA_COMPSITA012_CIRS, 1024 wavelengths x 60 spatial sectors x 30 time steps, sub-sc lat=-13.4502, alt=60.9362 R_s, phase=92.0281



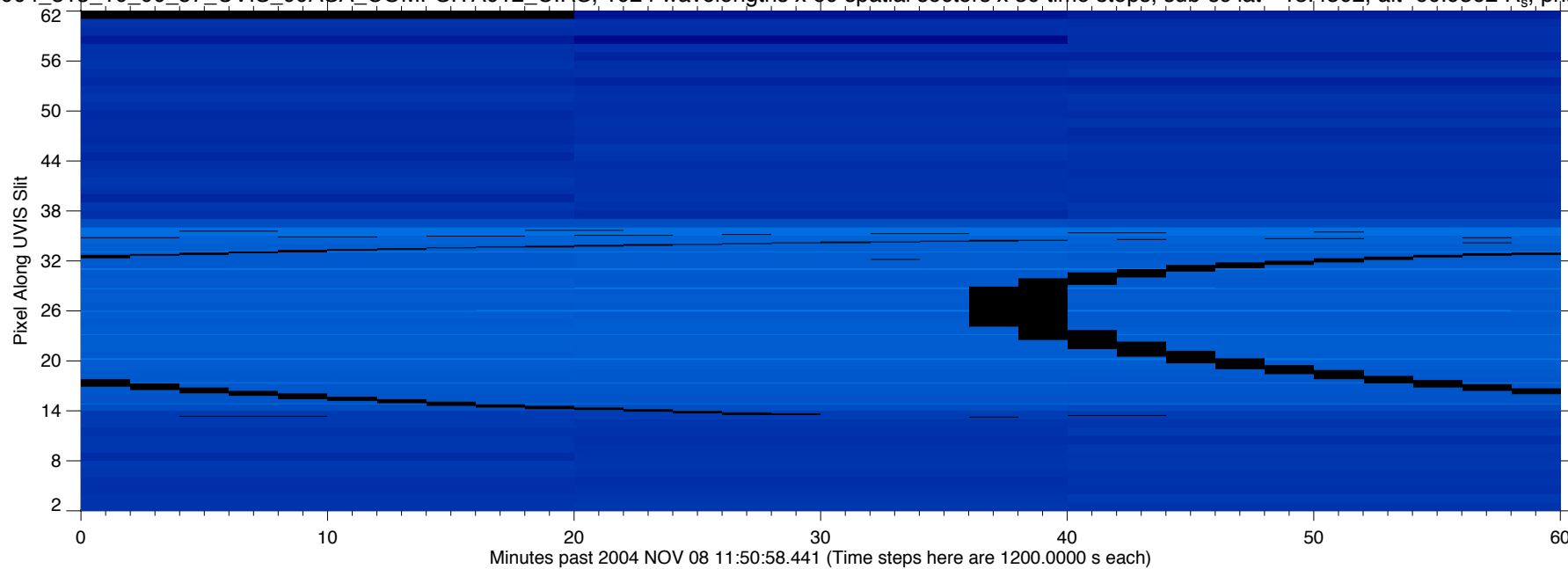
FUV2004_313_10_00_57_UVIS_00ASA_COMPSITA012_CIRS, 1024 wavelengths x 60 spatial sectors x 30 time steps, sub-sc lat=-13.4502, alt=60.9362 R_s, phase=92.0281



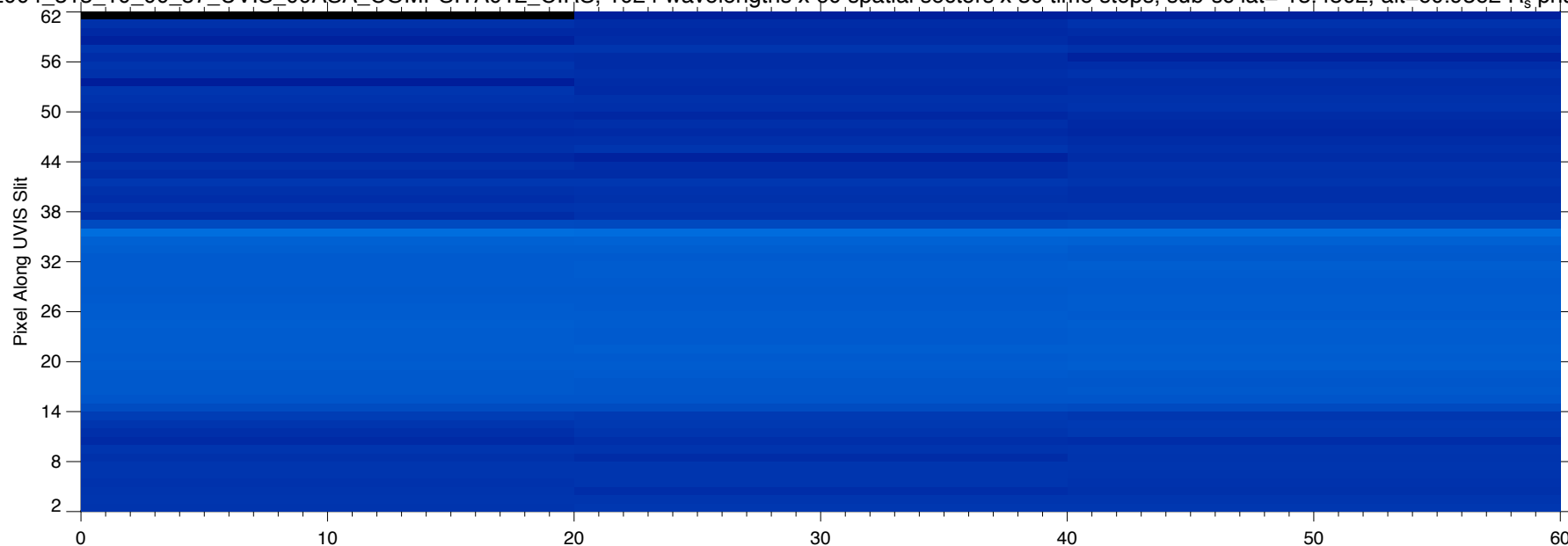
FUV2004_313_10_00_57_UVIS_00ASA_COMPSITA012_CIRS, 1024 wavelengths x 60 spatial sectors x 30 time steps, sub-sc lat=-13.4502, alt=60.9362 R_s, phase=92.0281



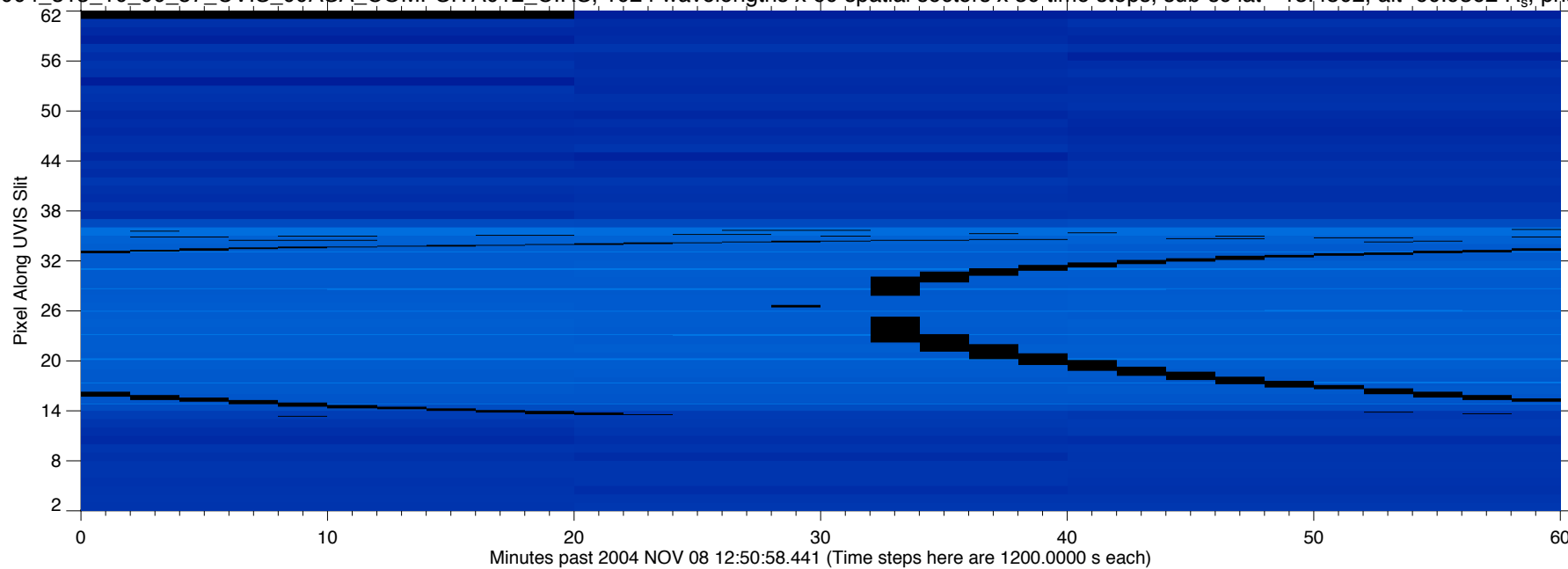
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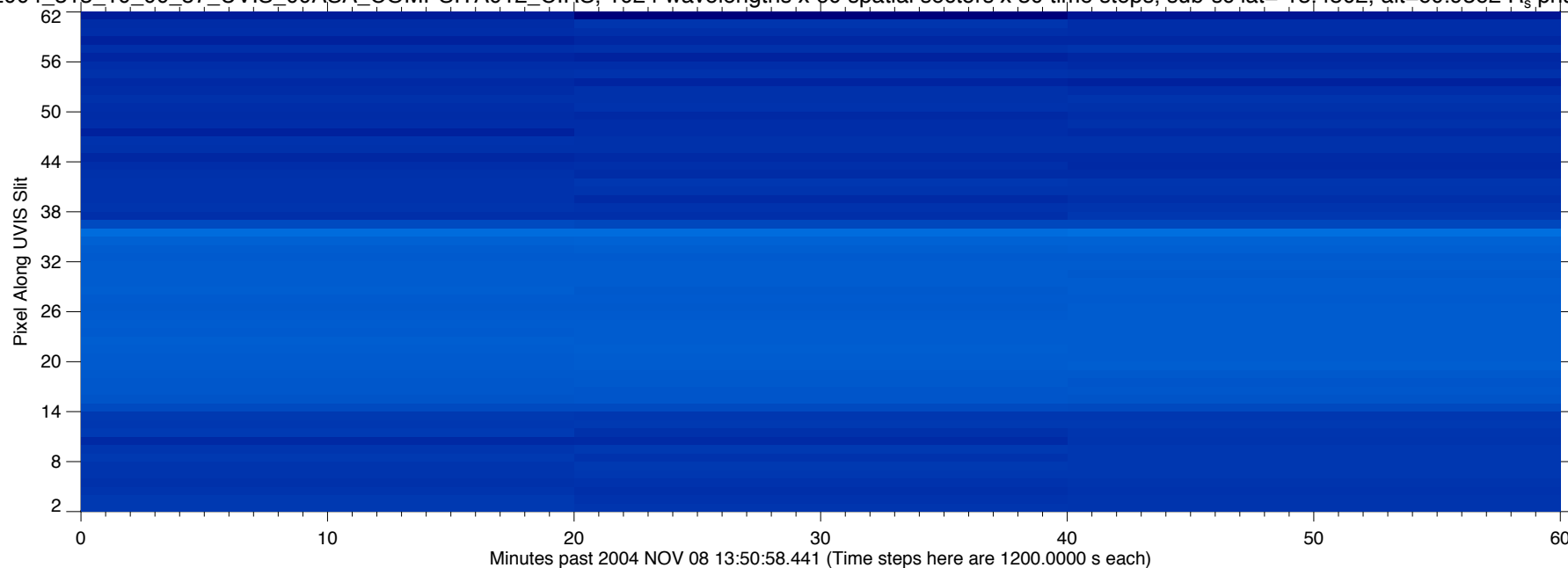
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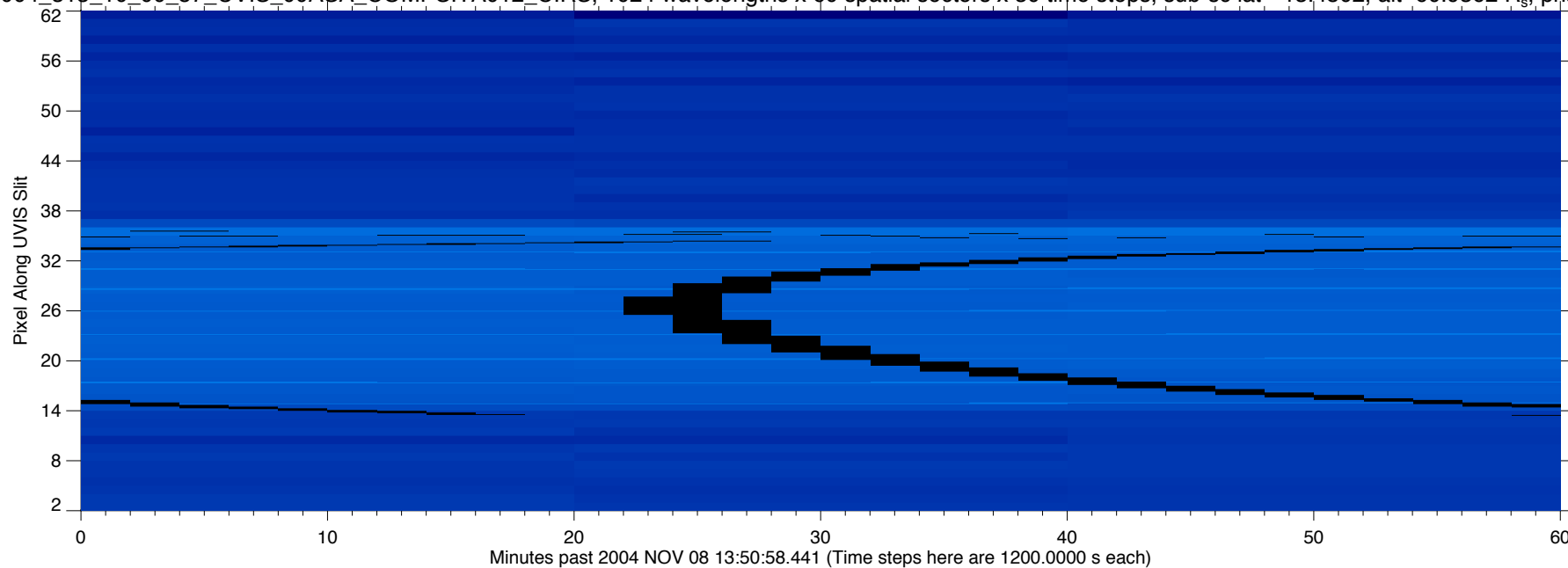
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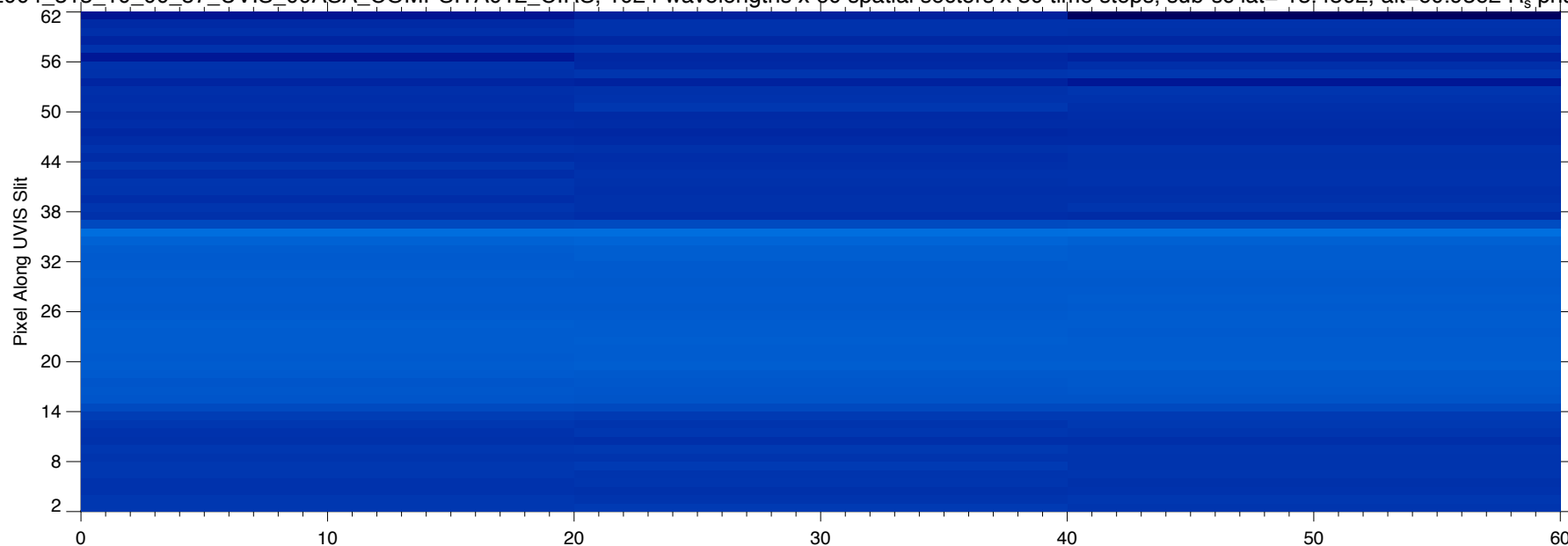
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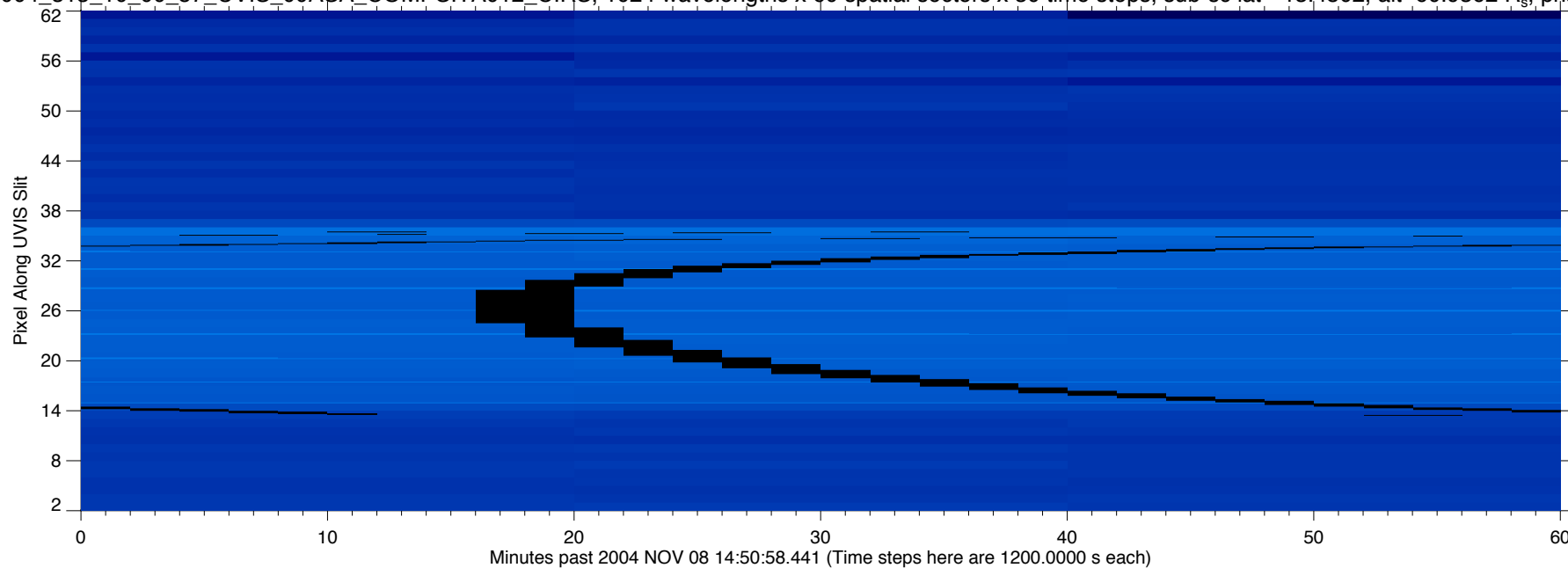
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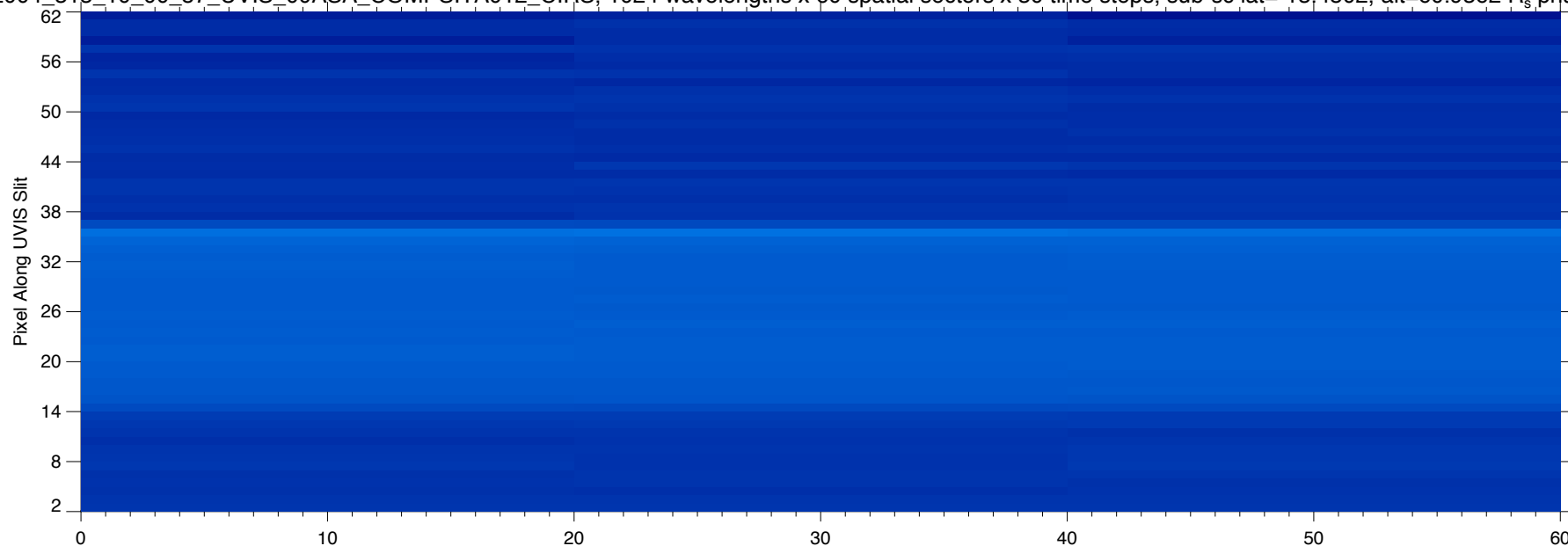
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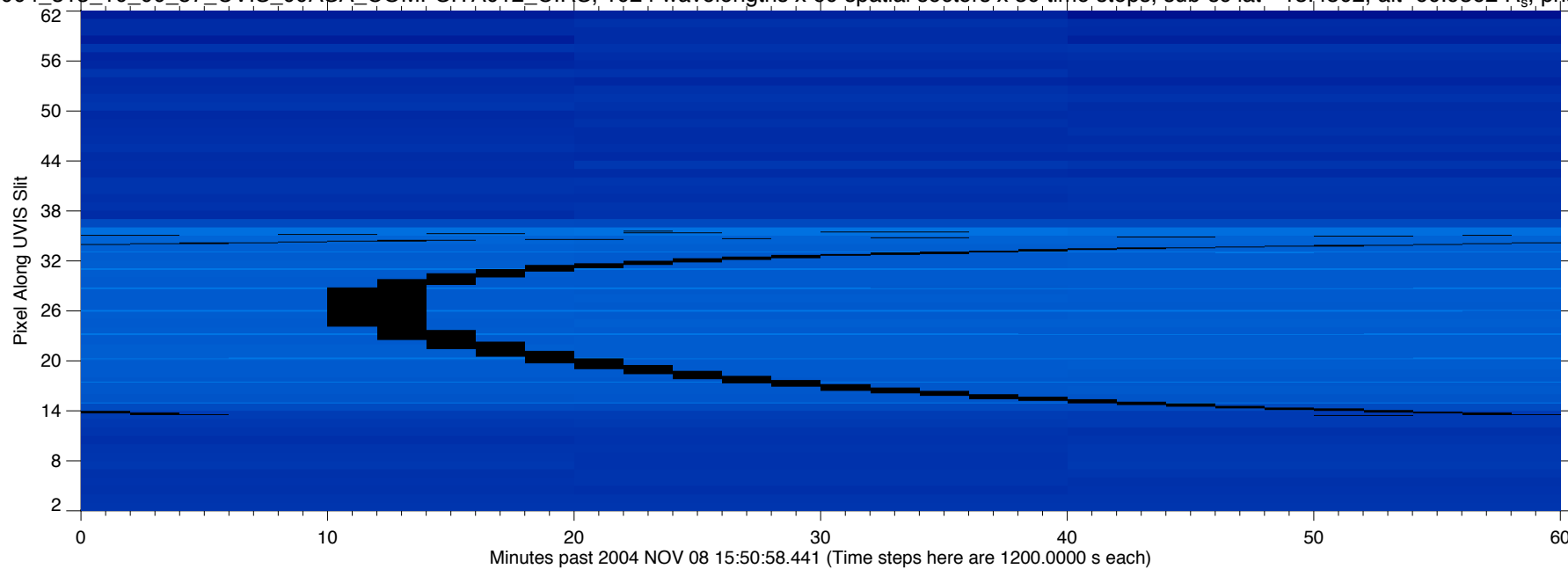
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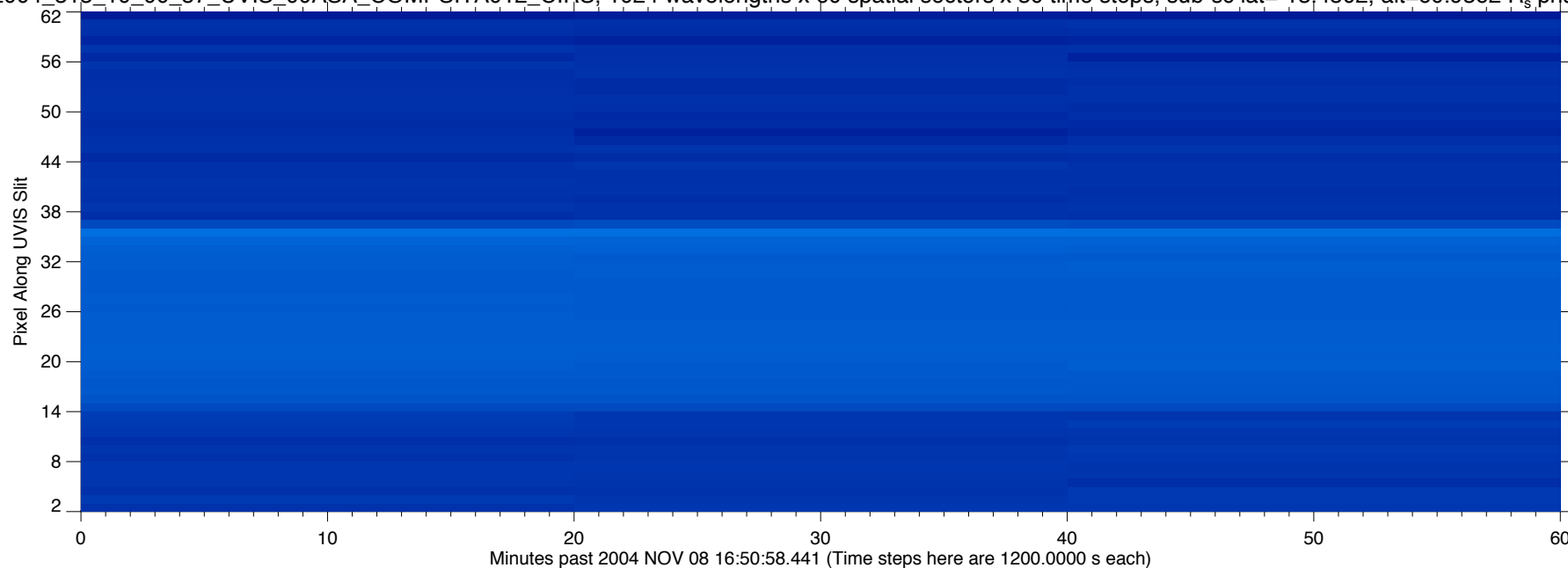
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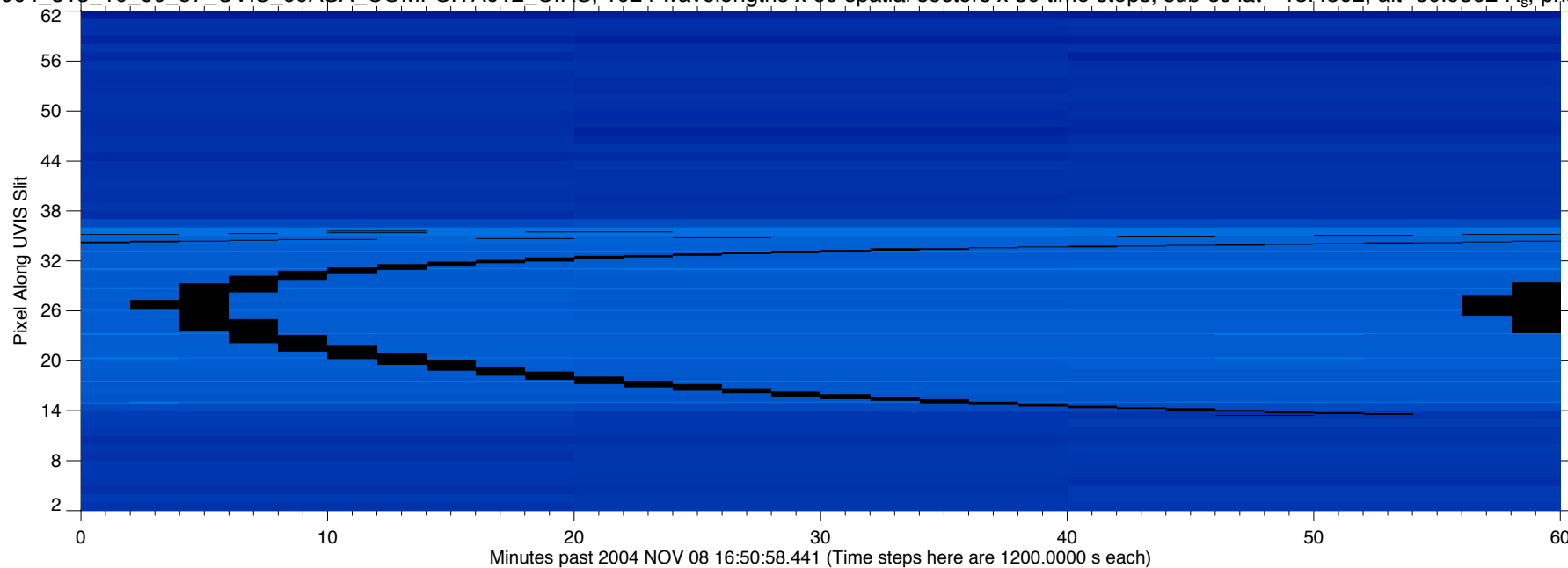
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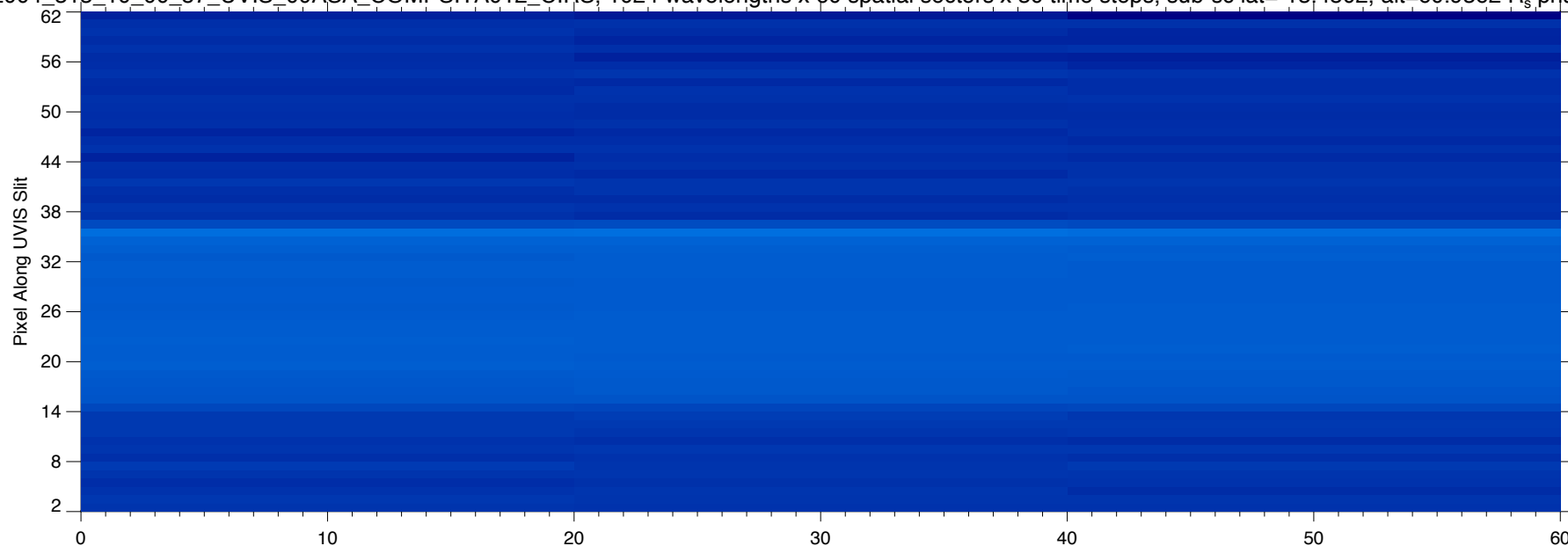
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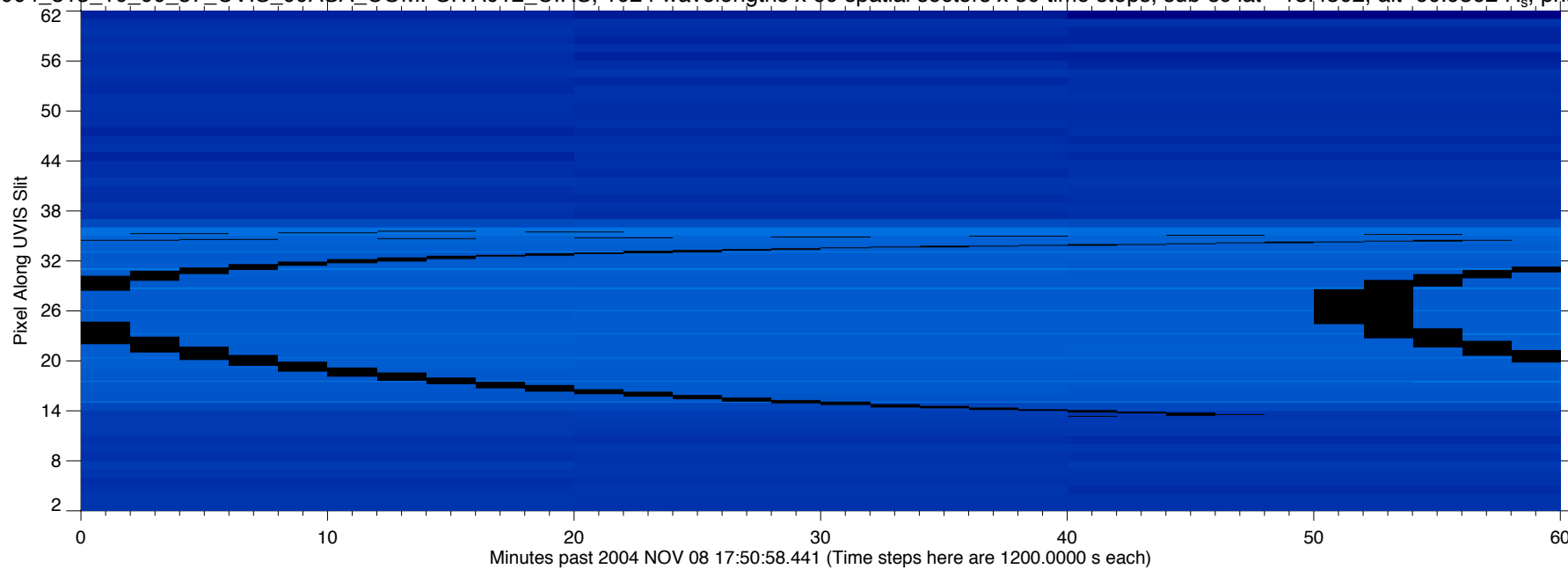
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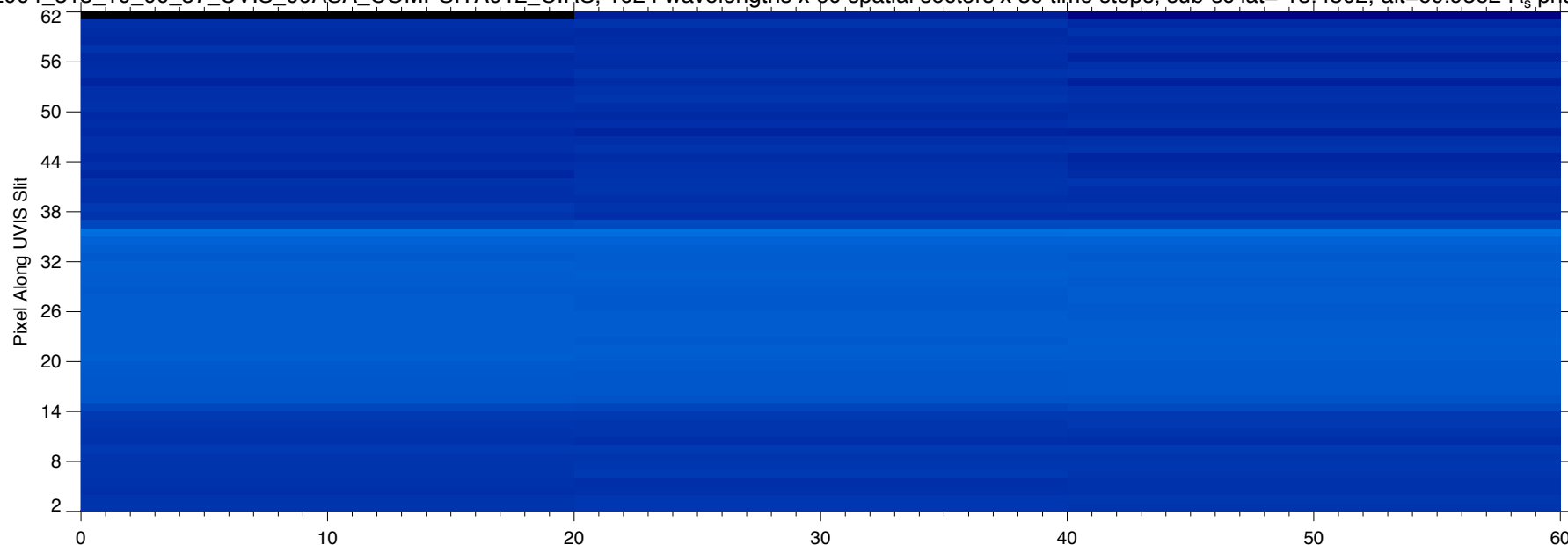
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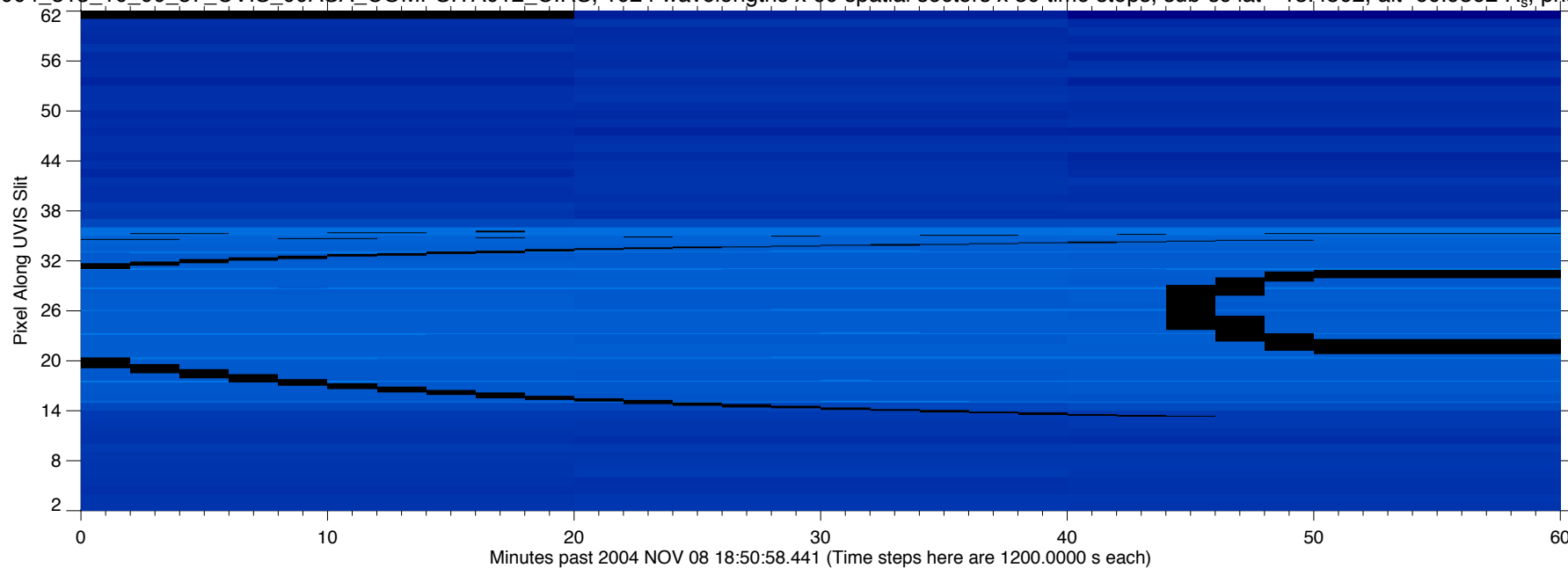
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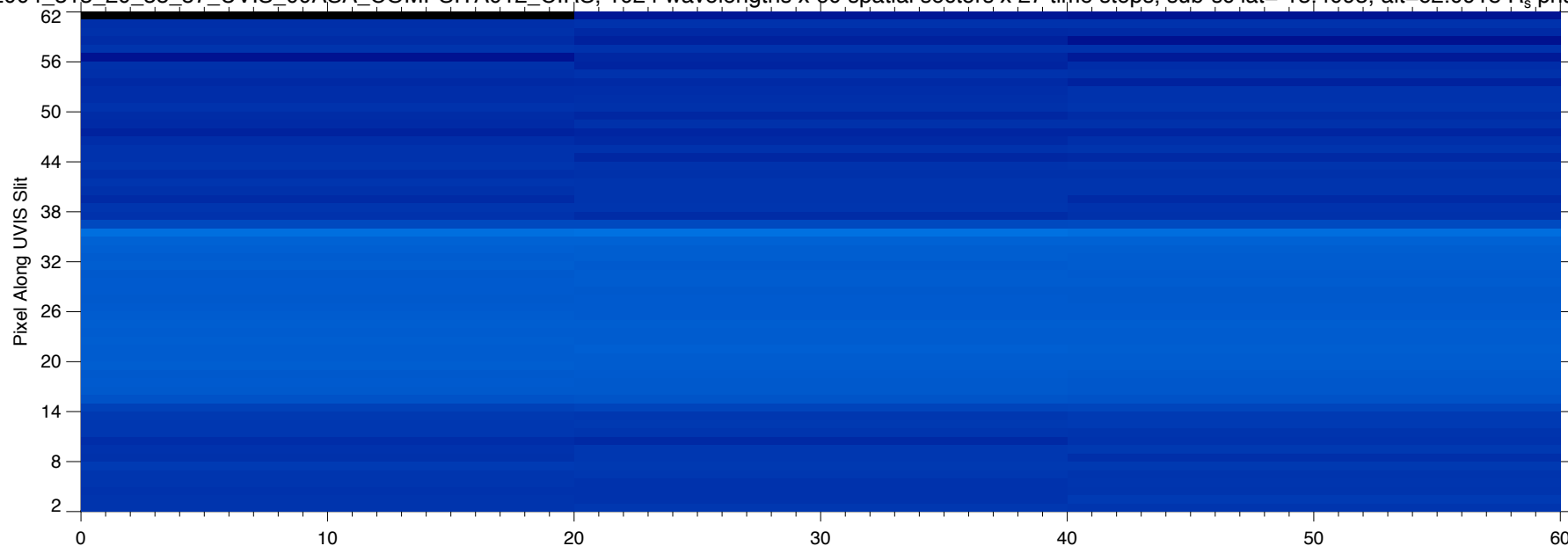
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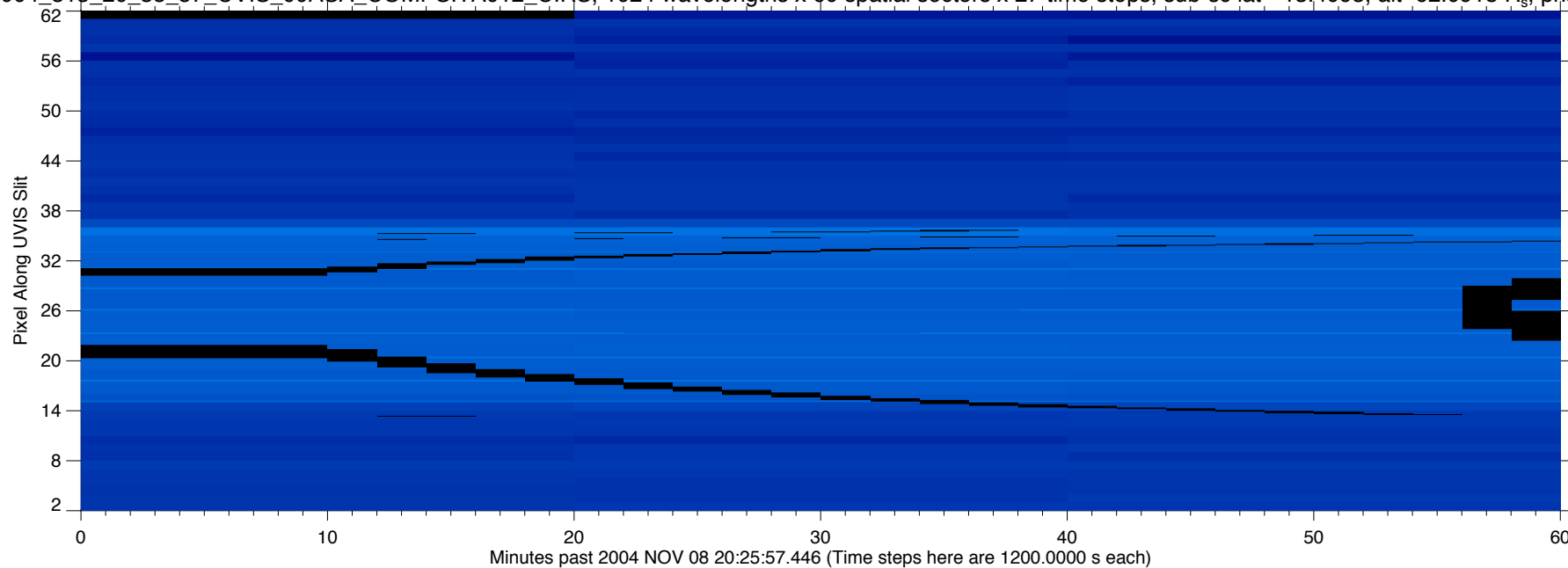
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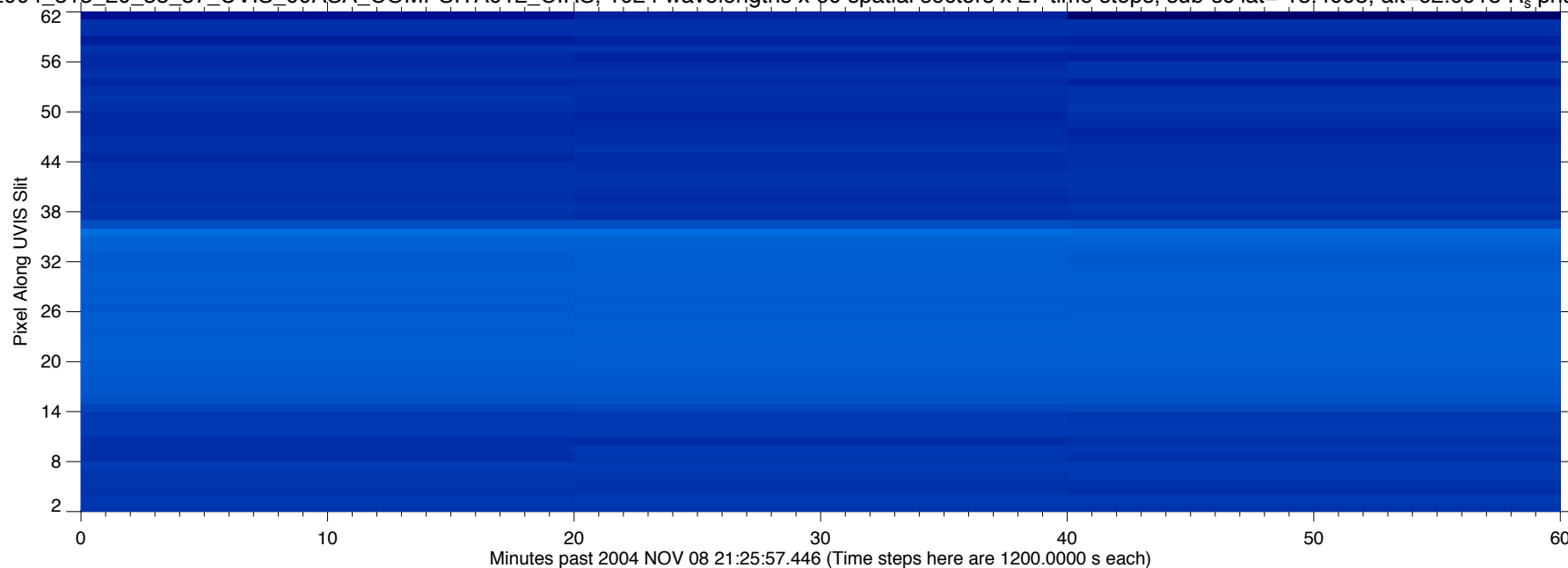
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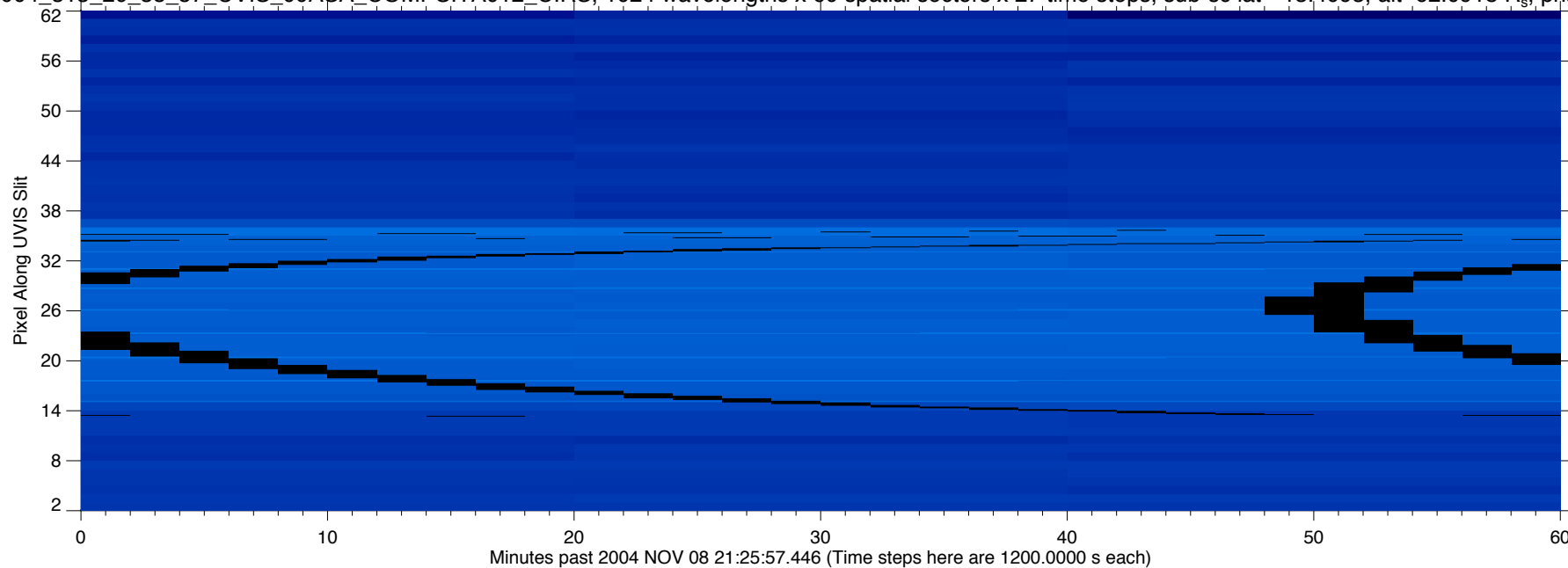
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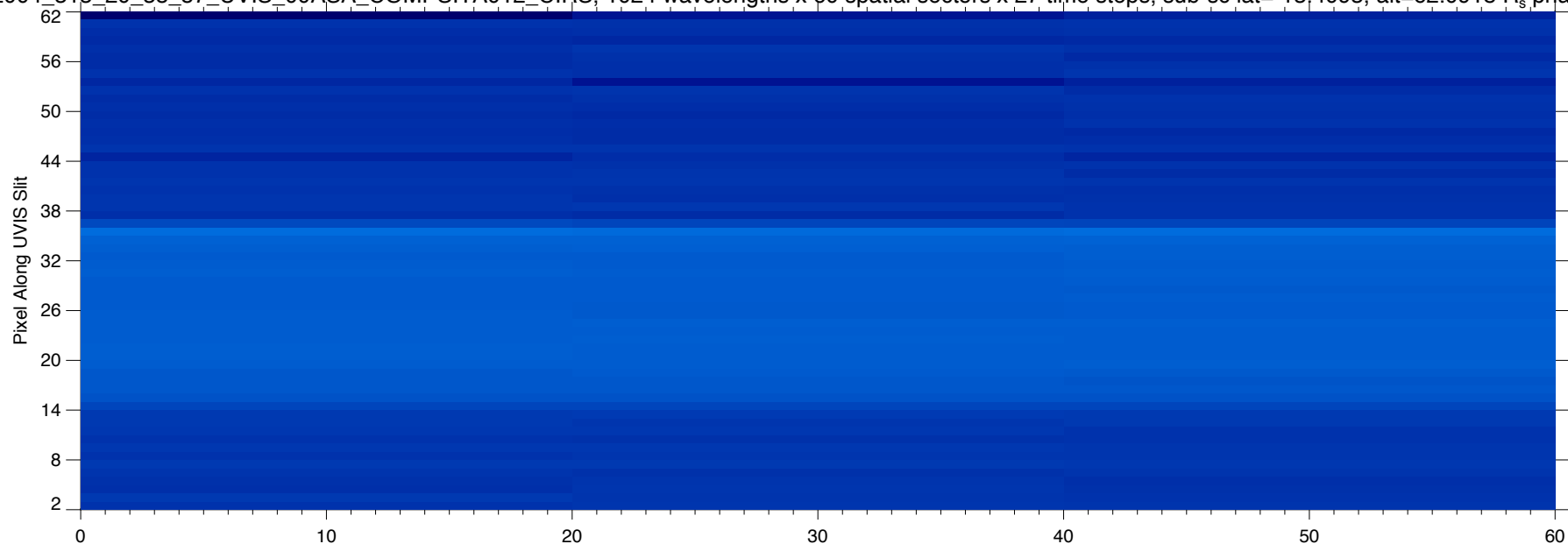
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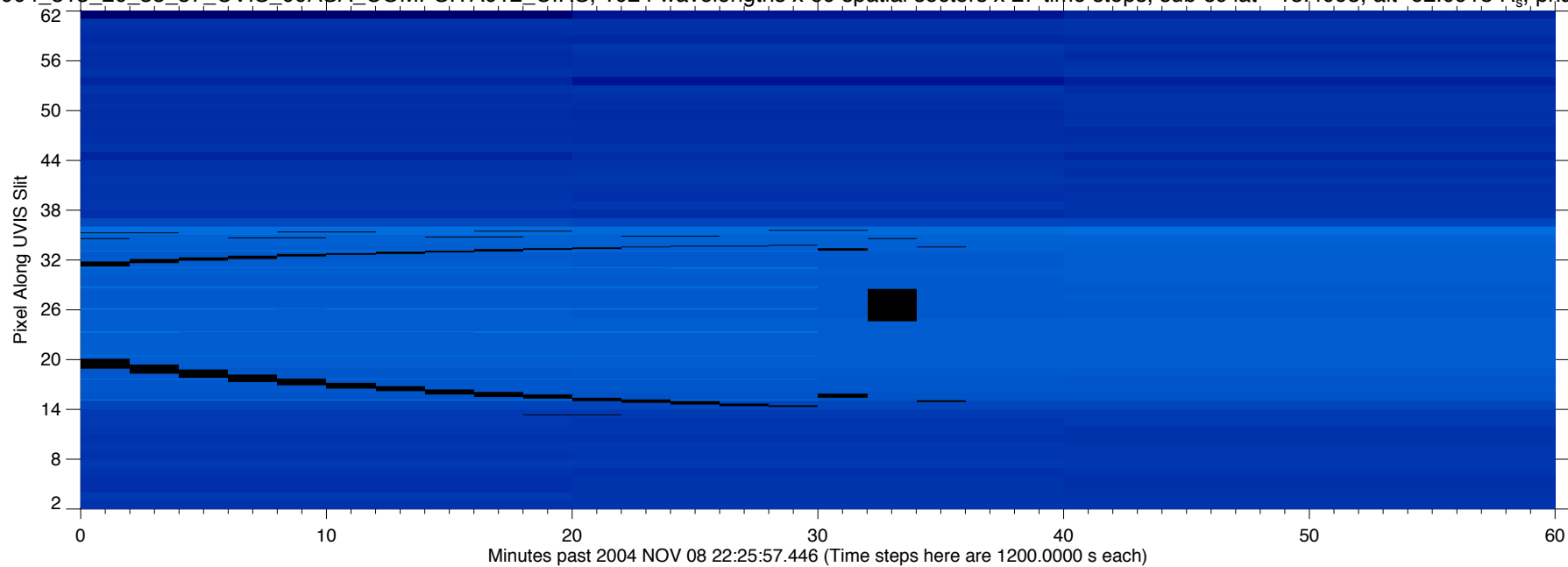
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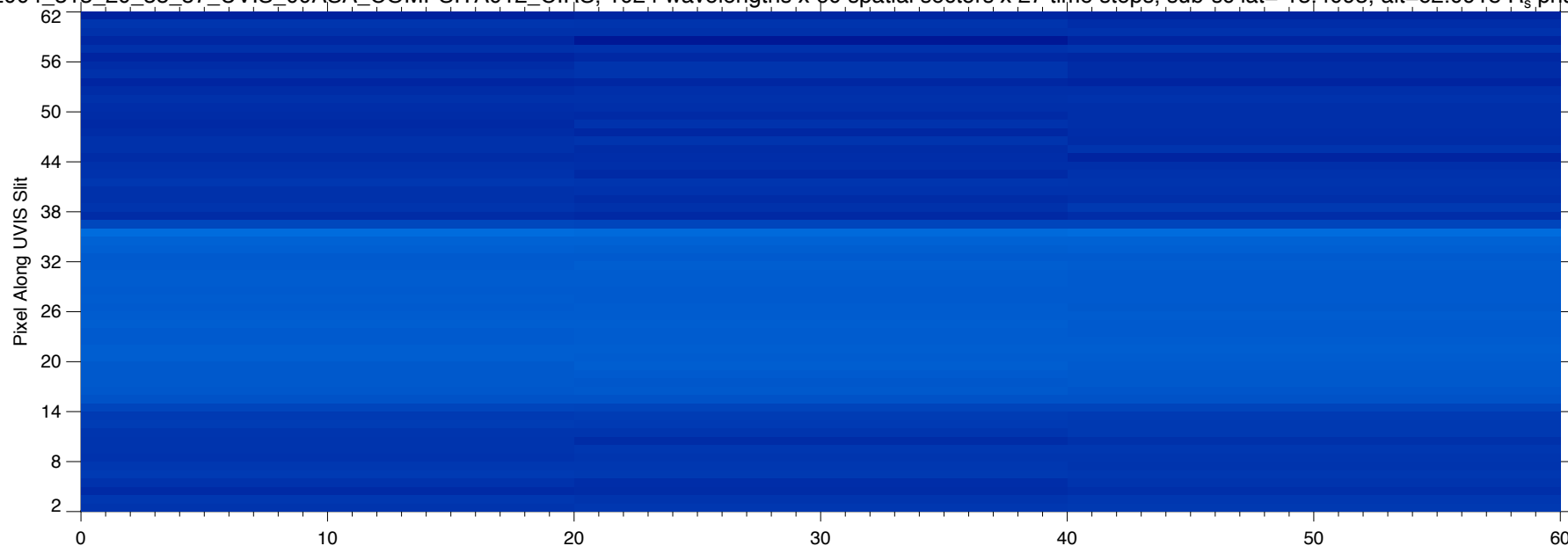
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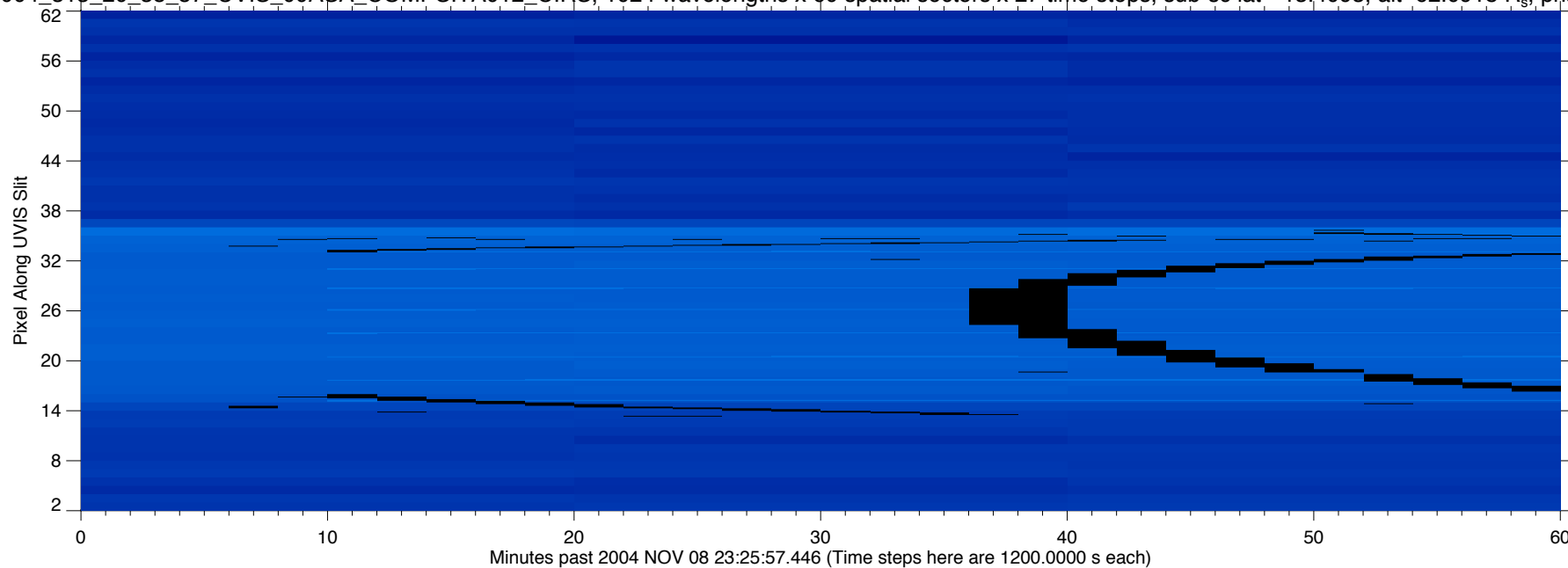
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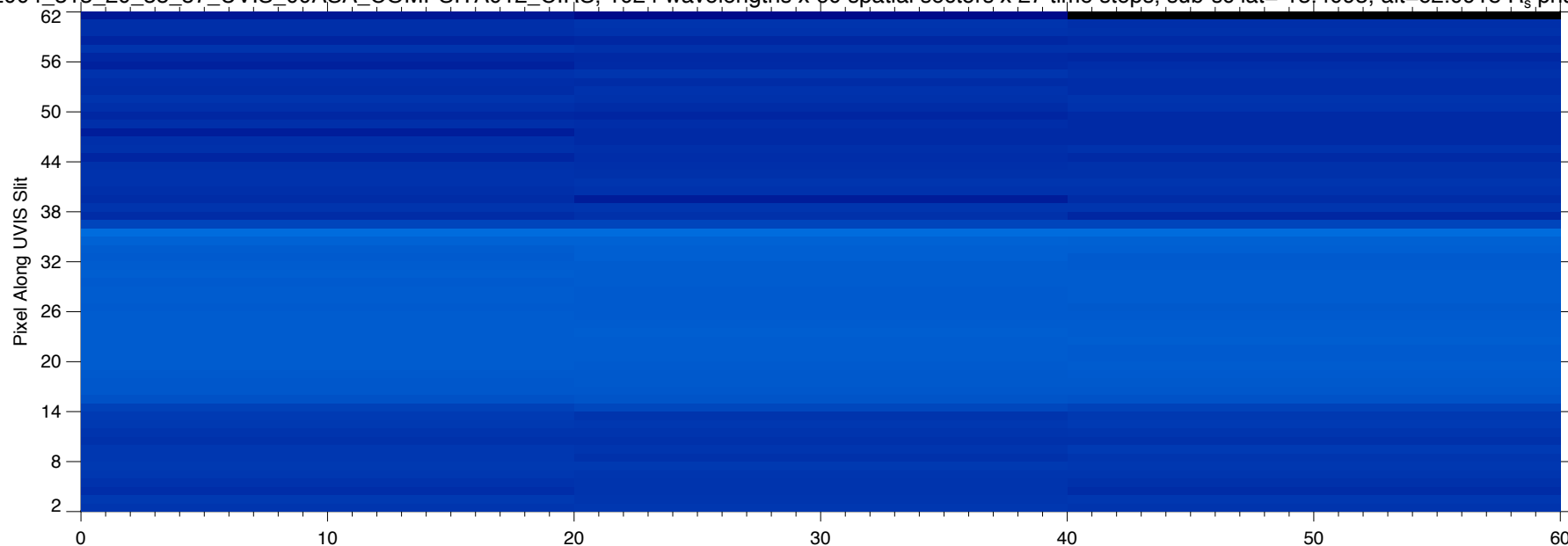
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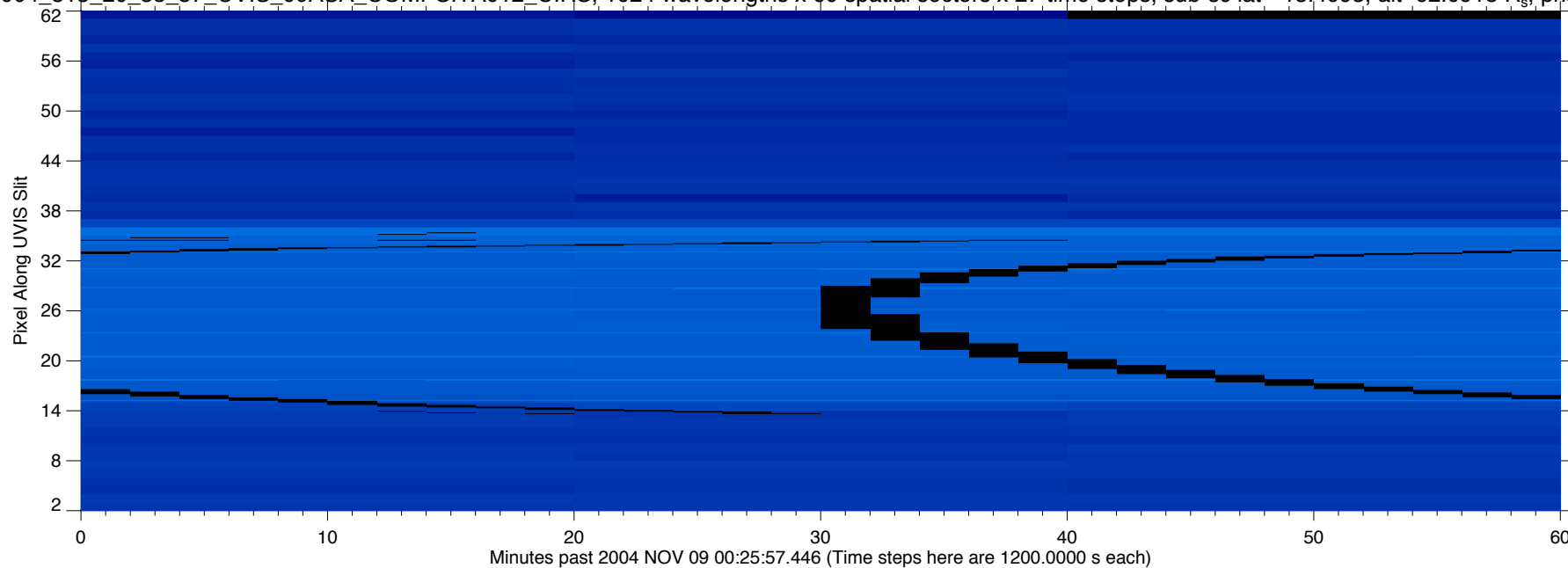
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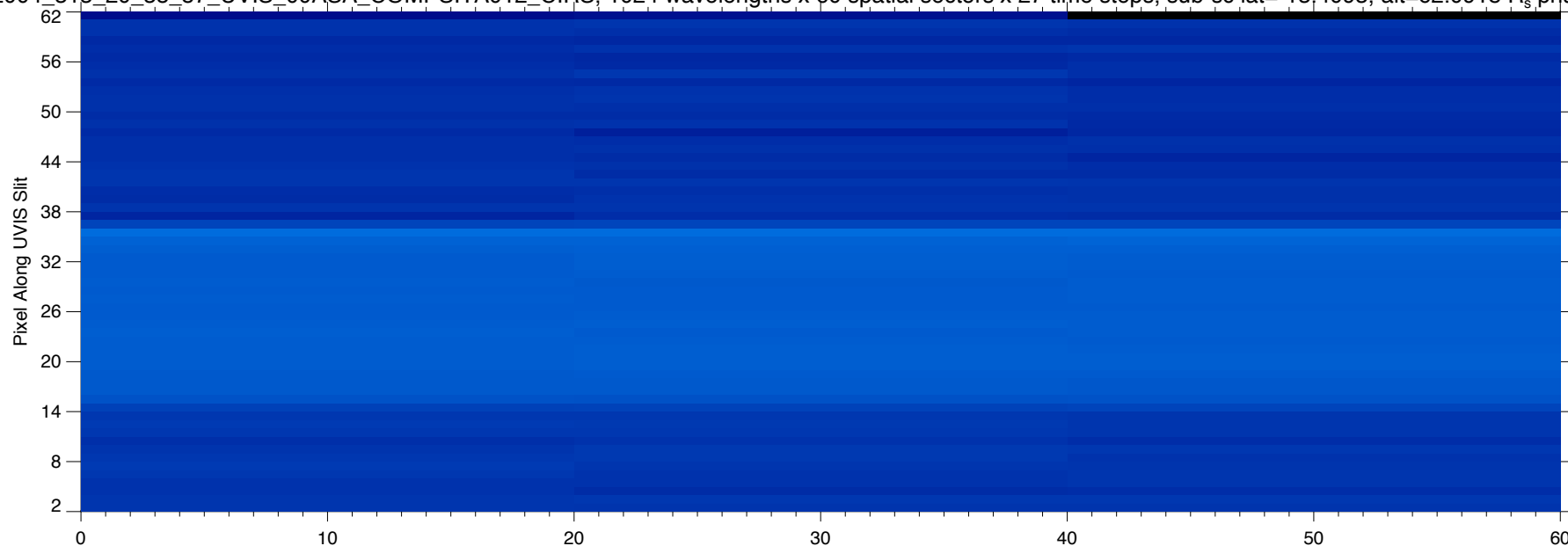
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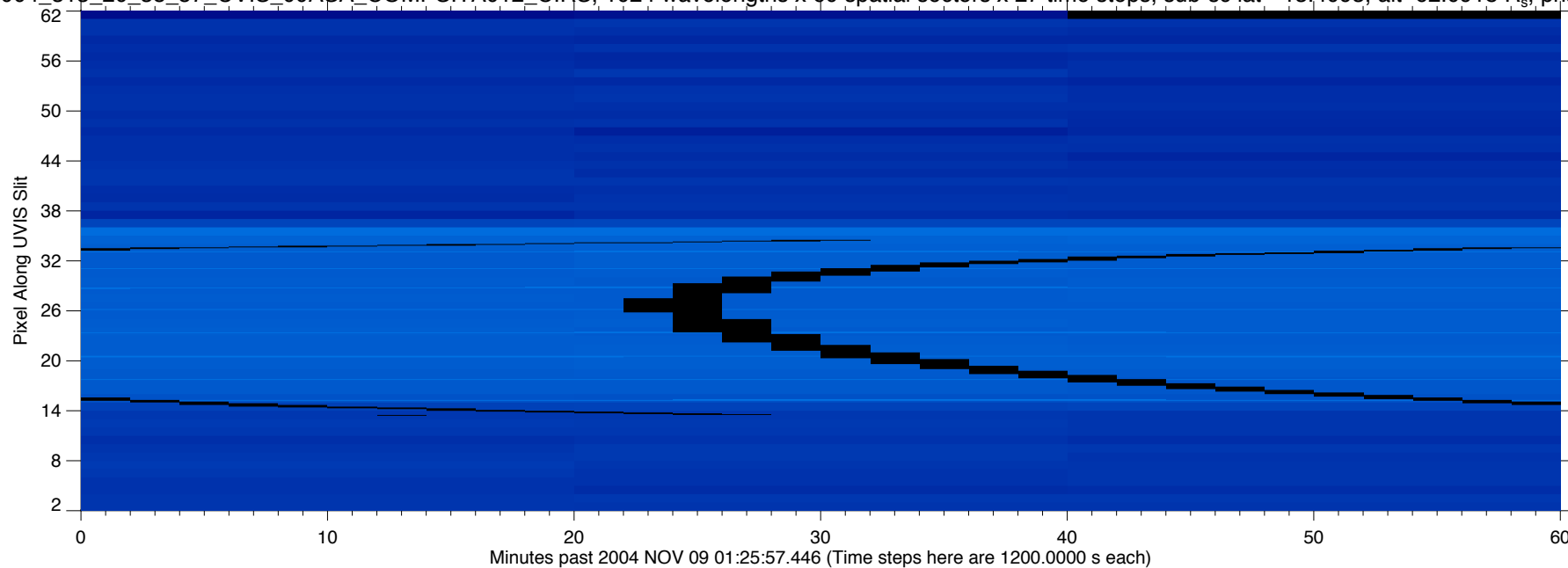
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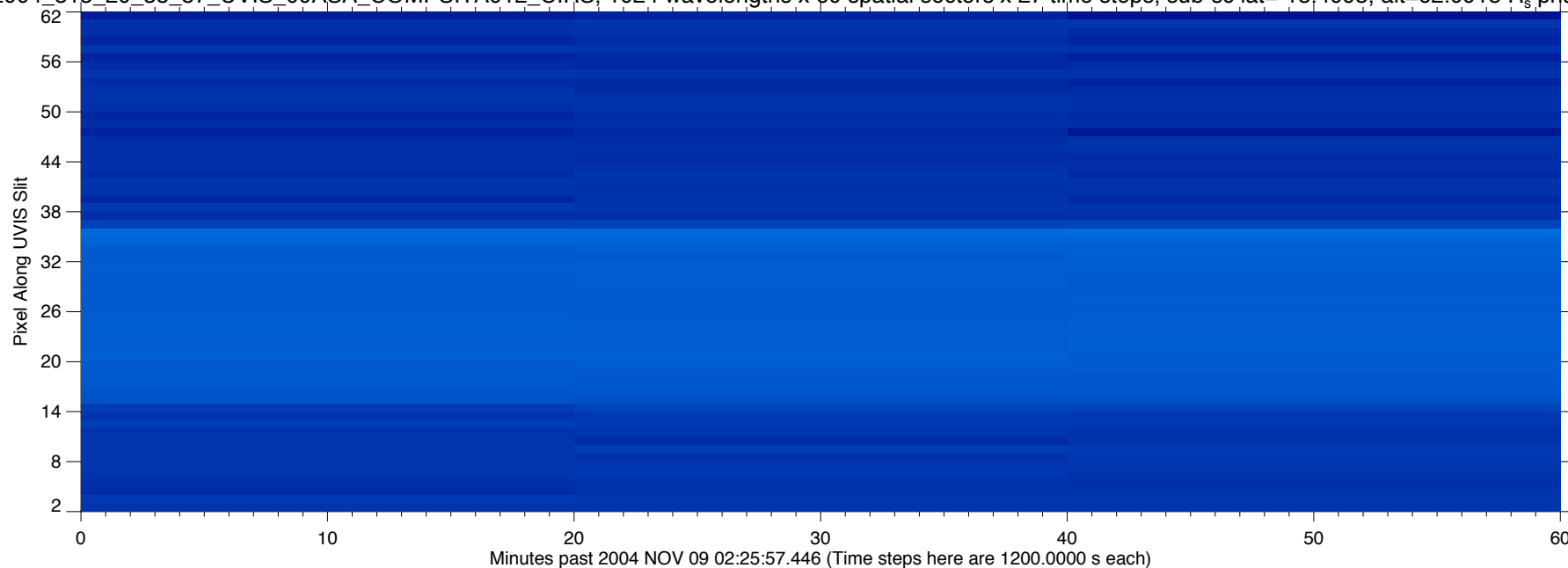
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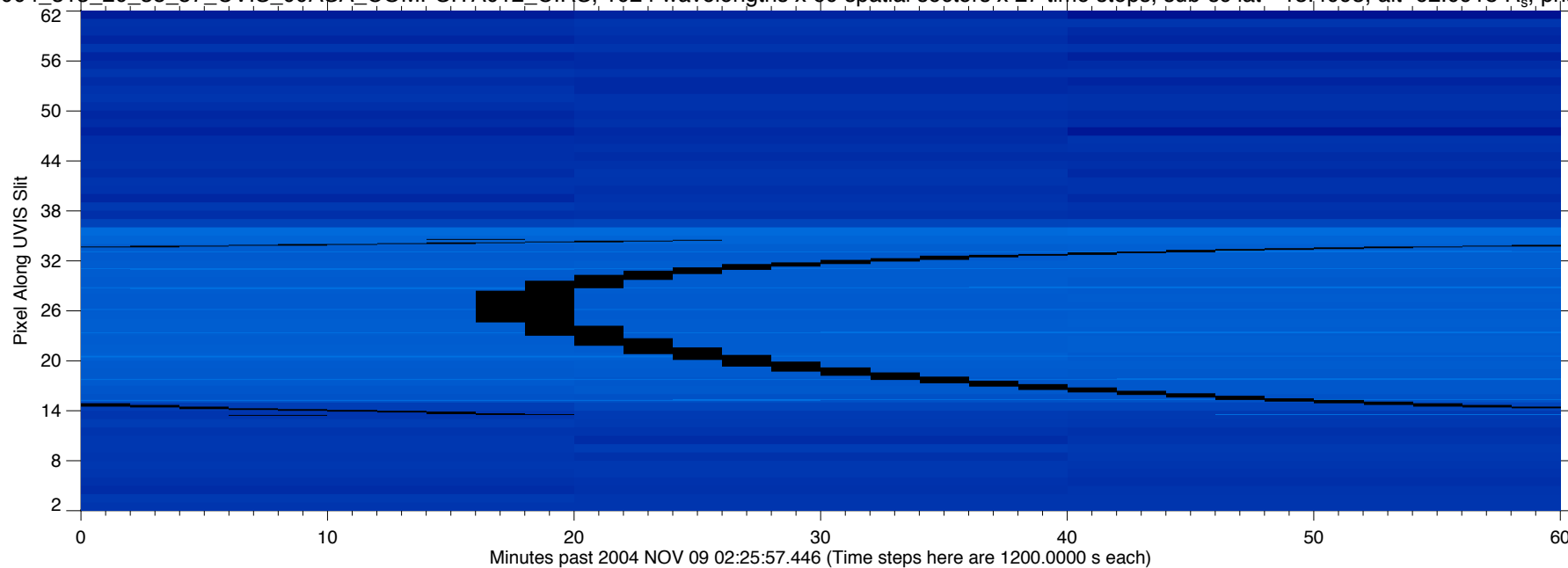
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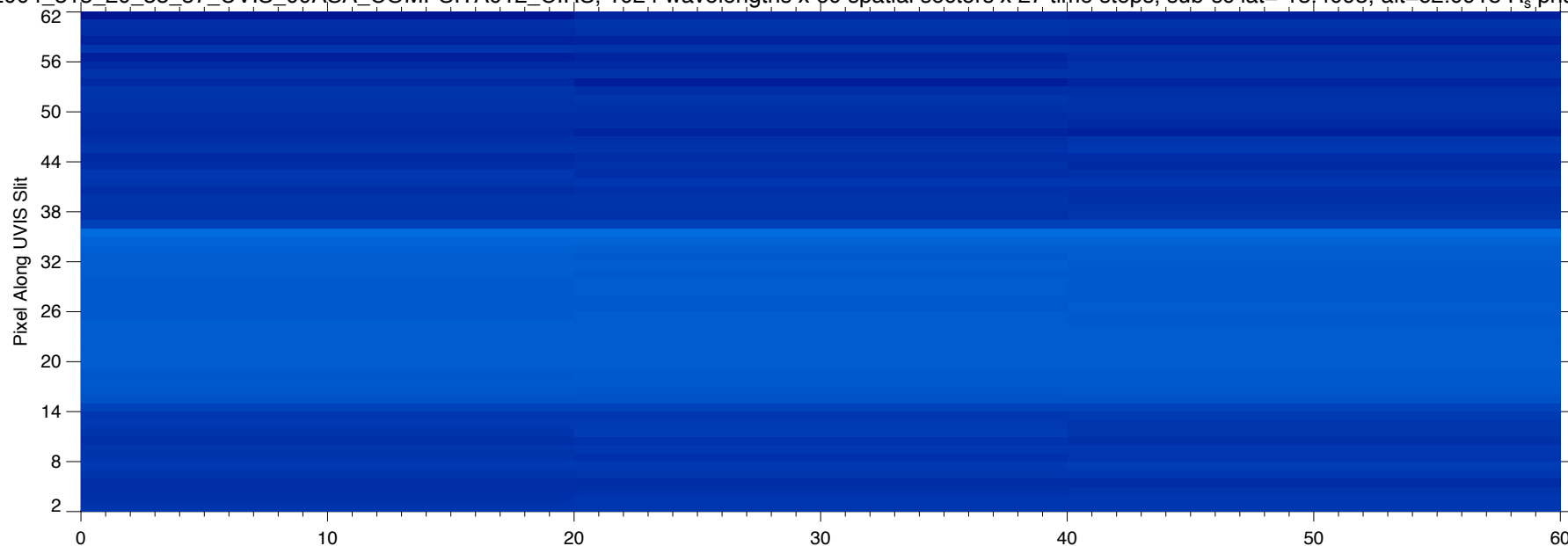
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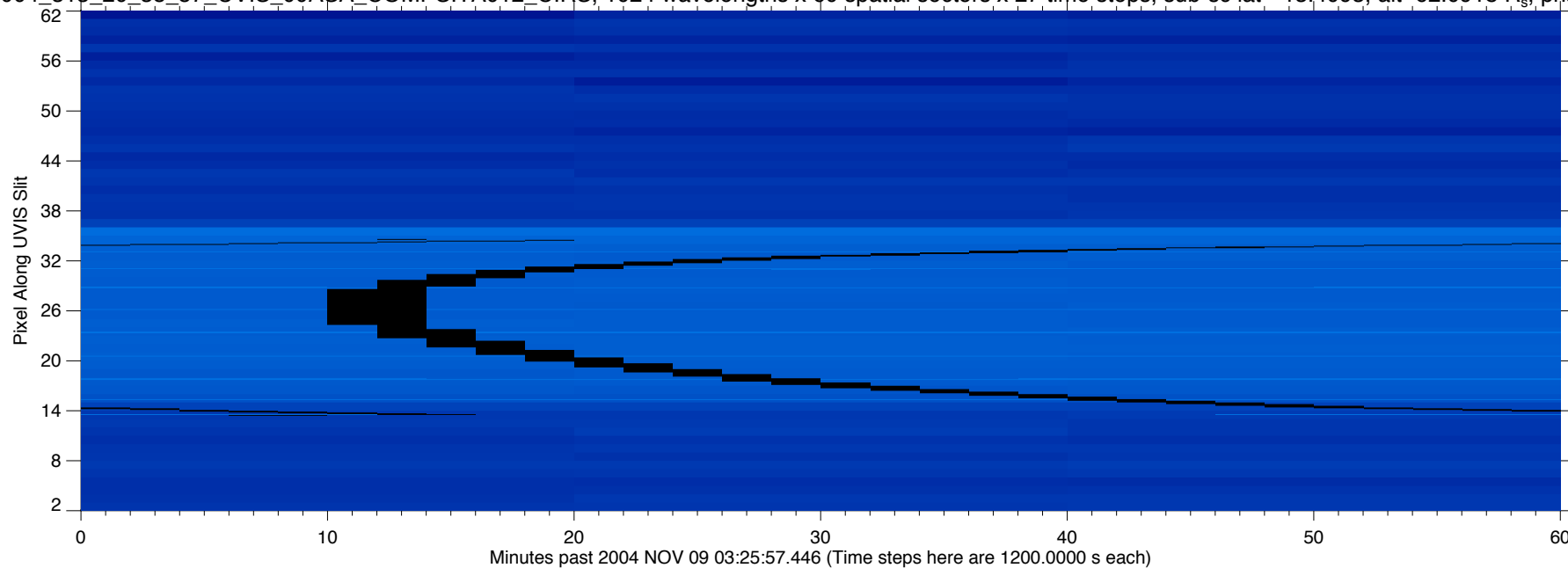
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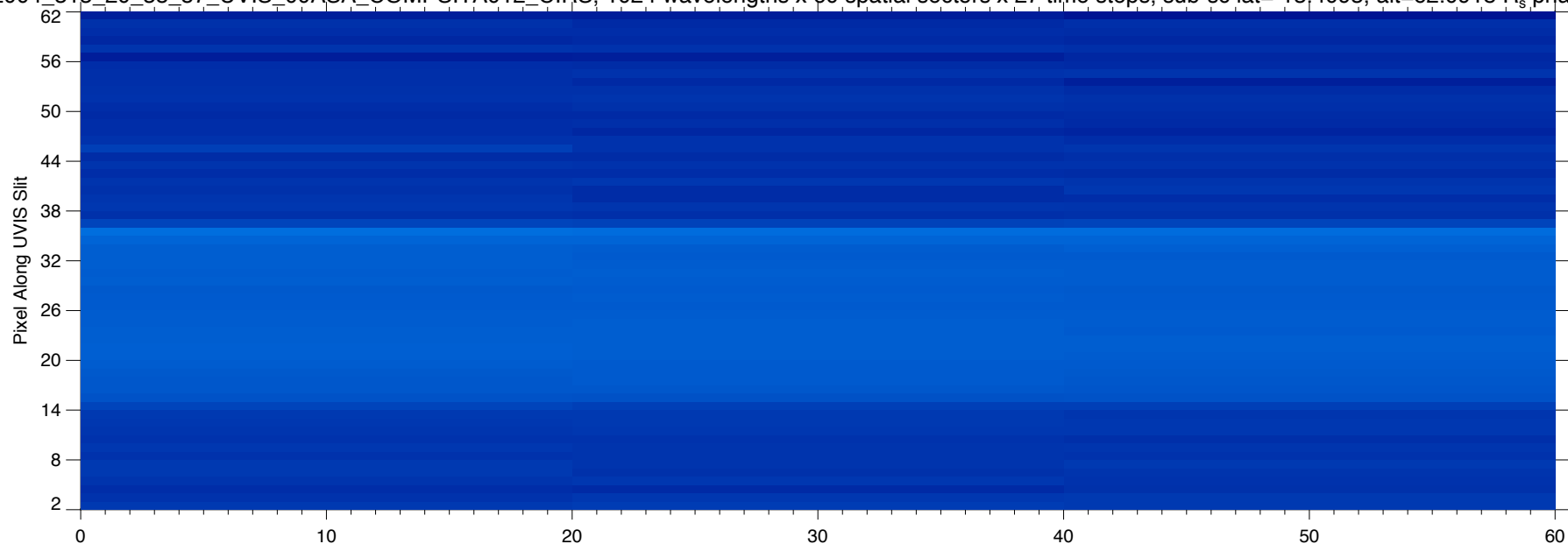
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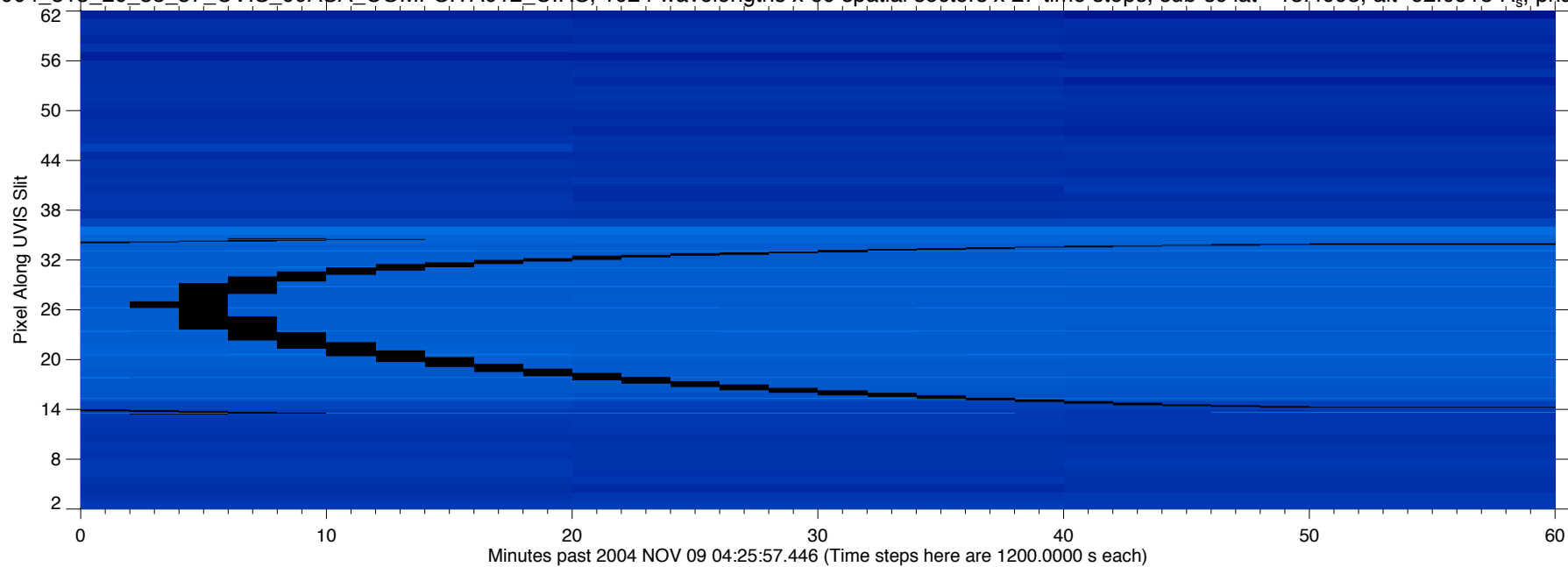
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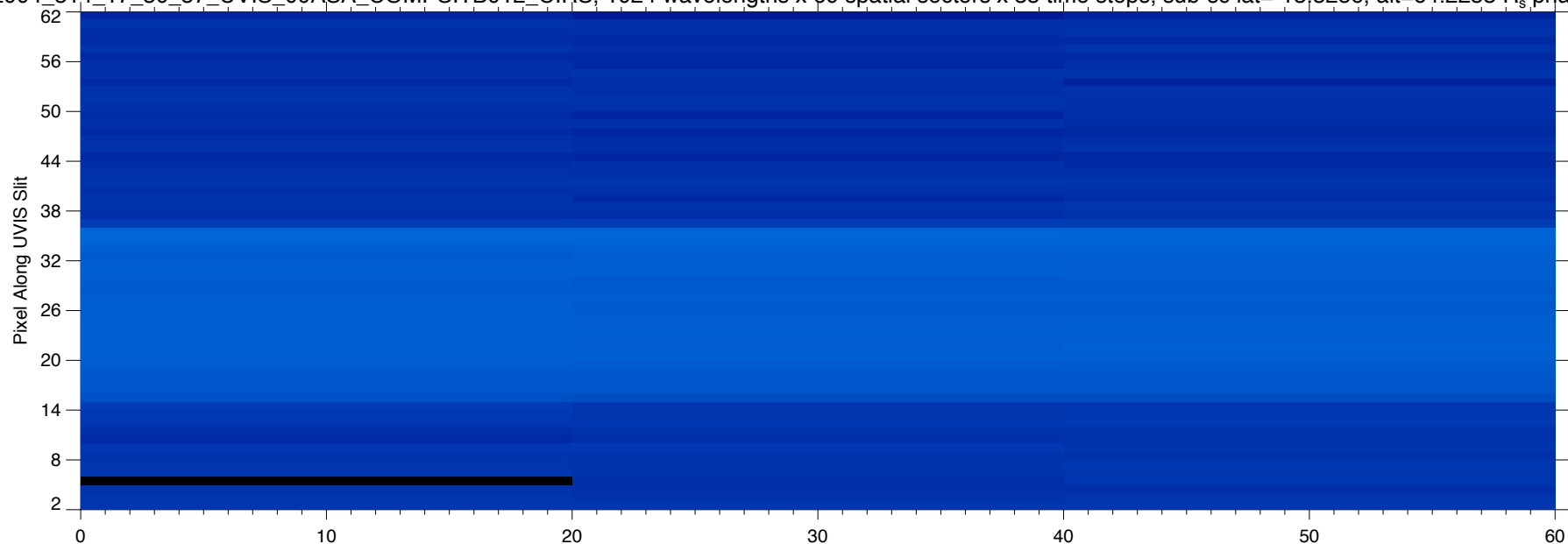
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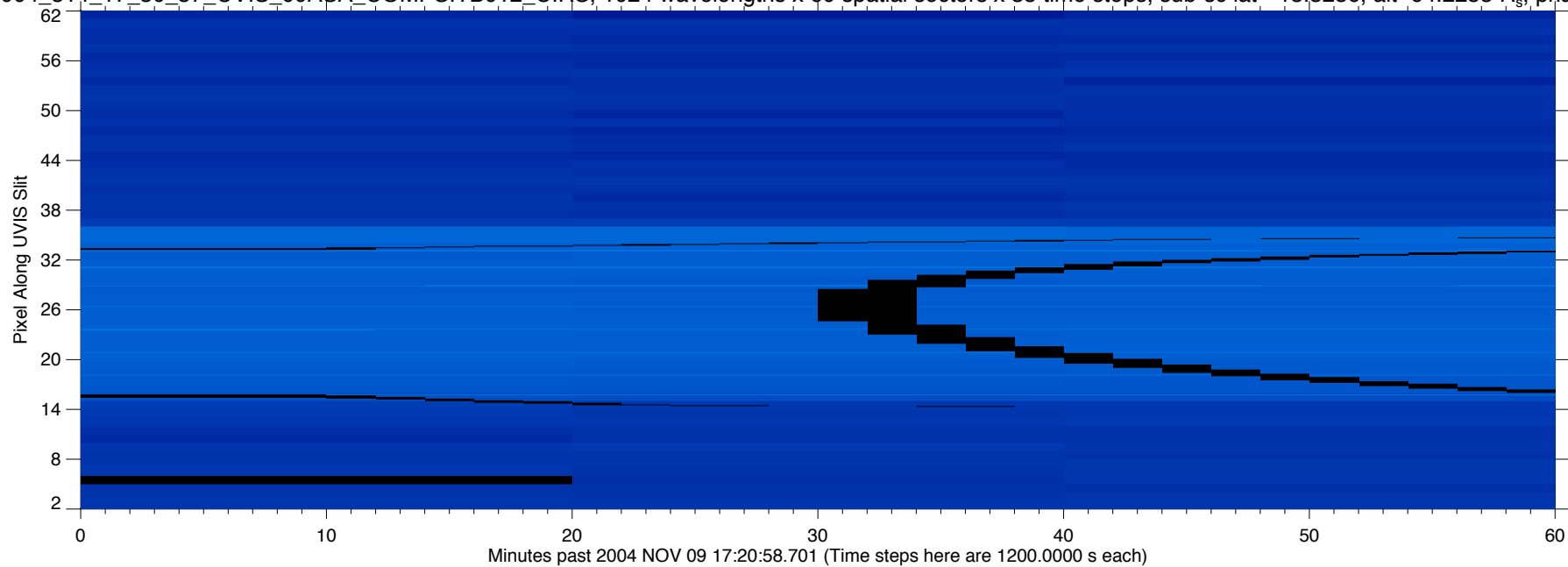
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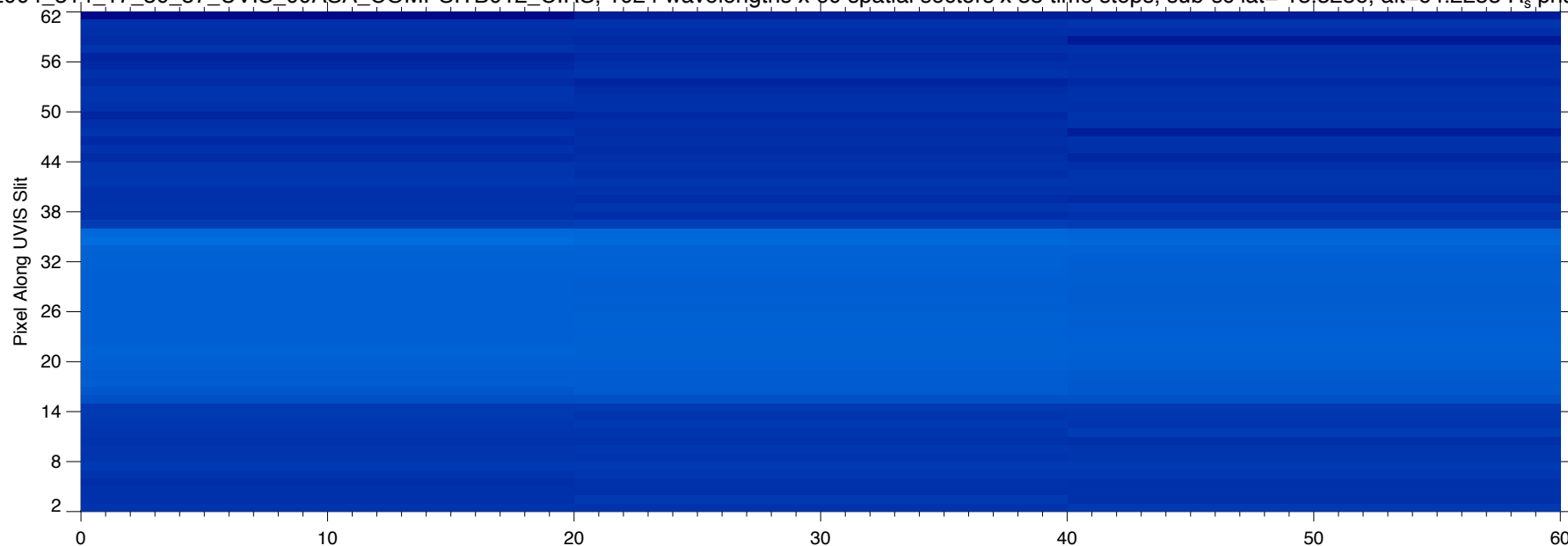
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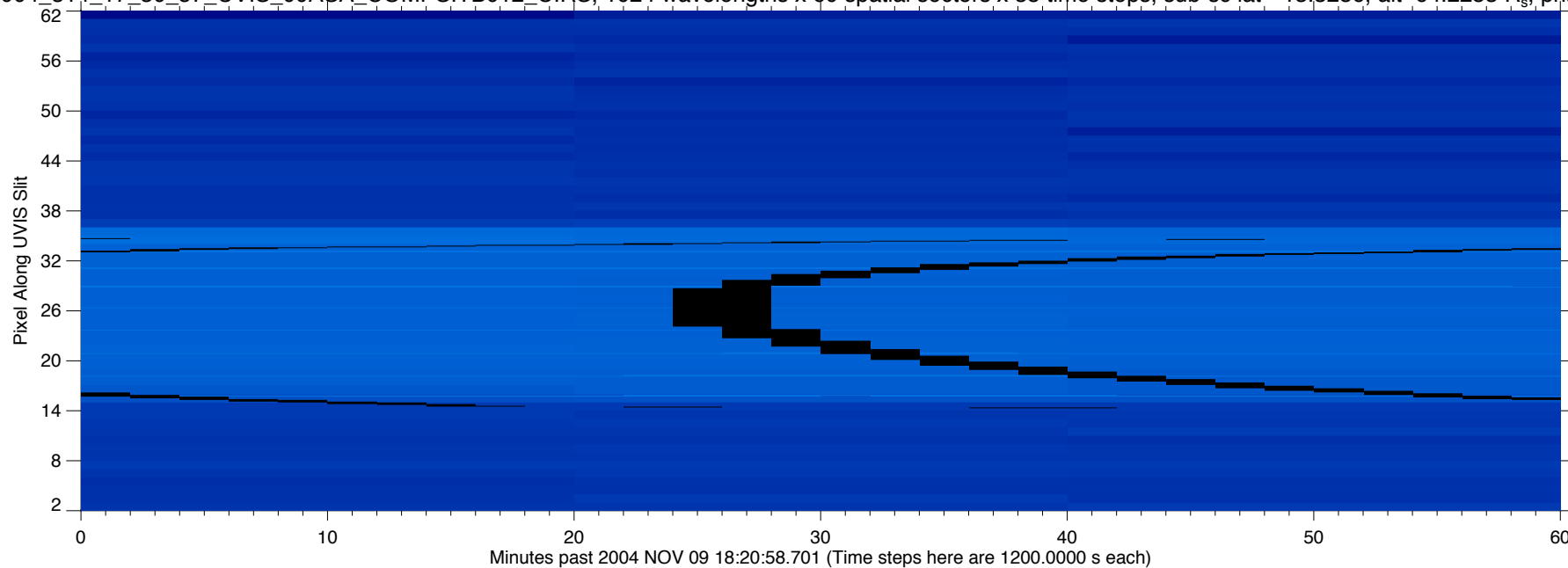
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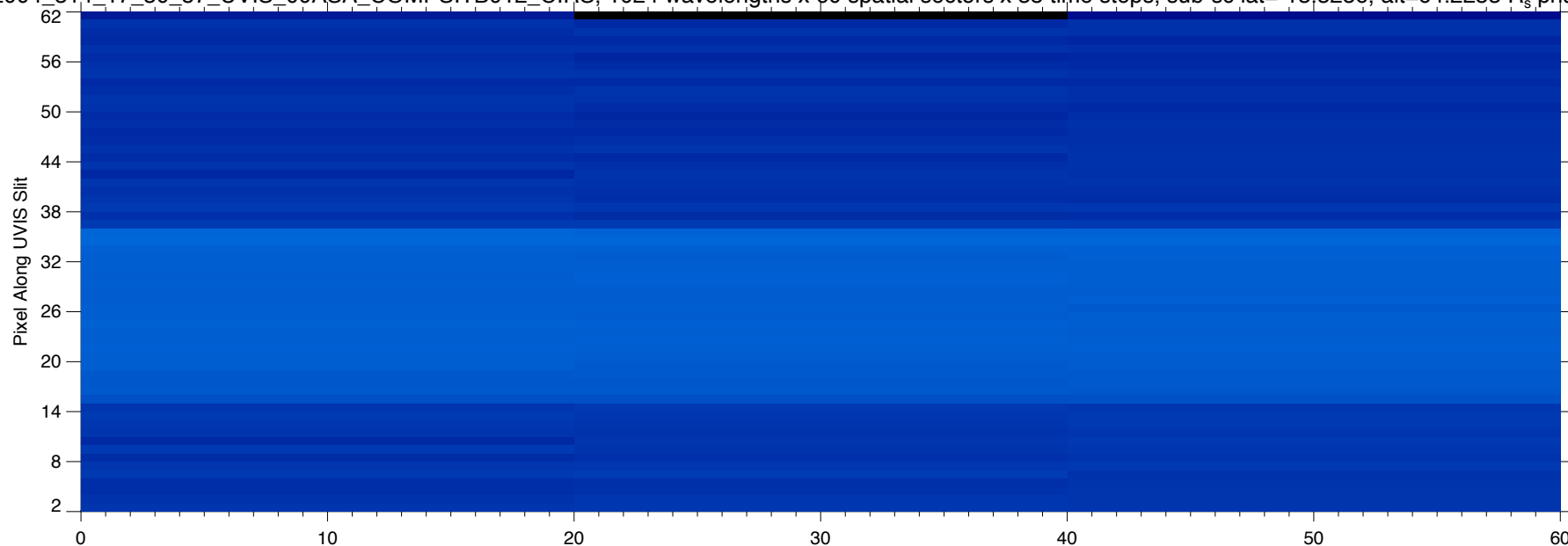
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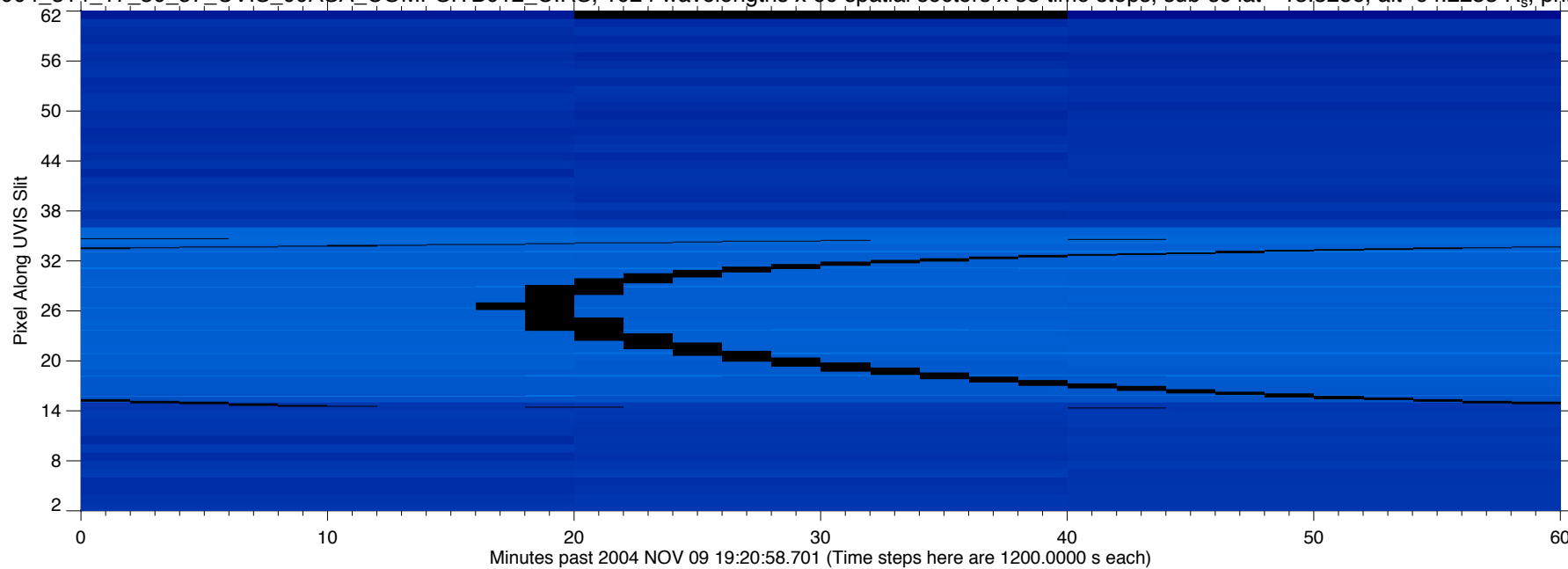
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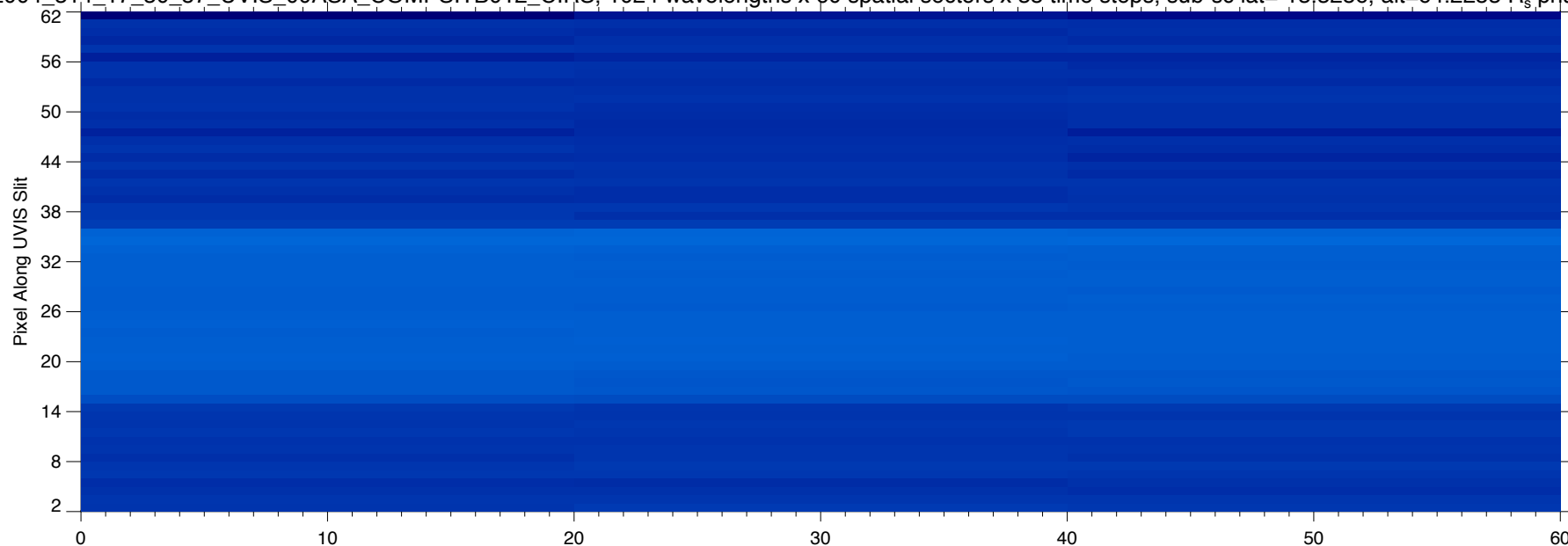
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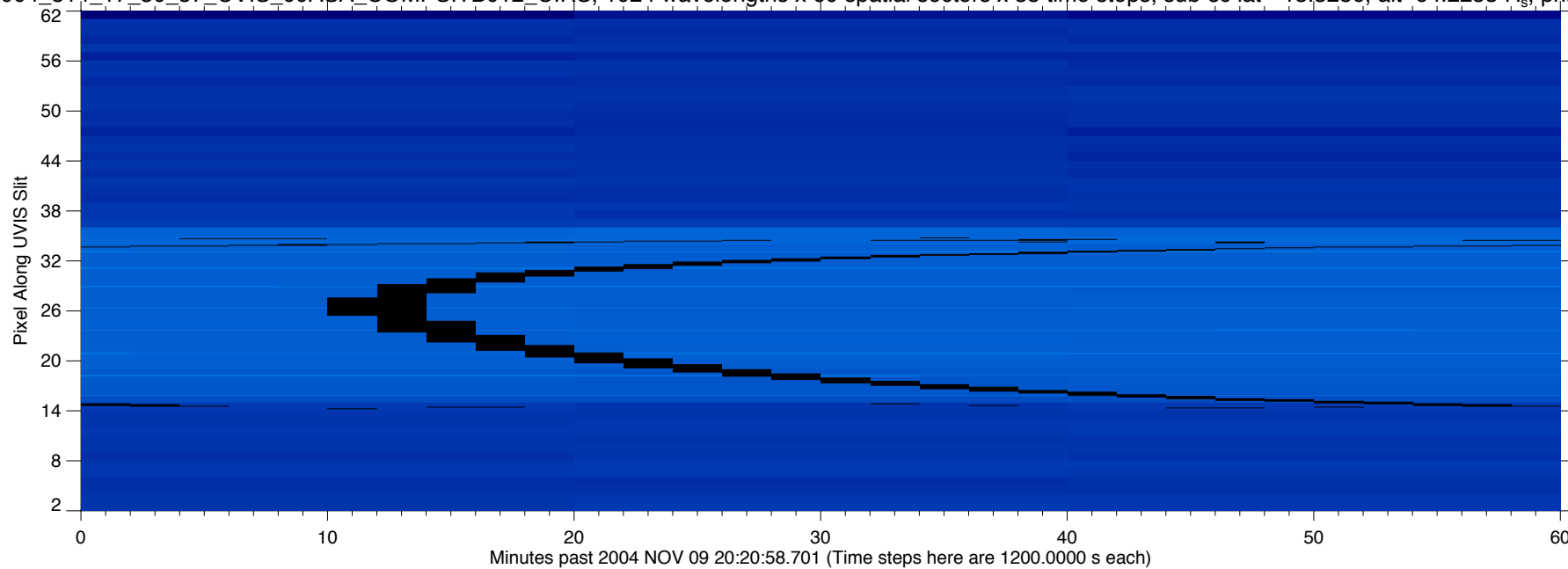
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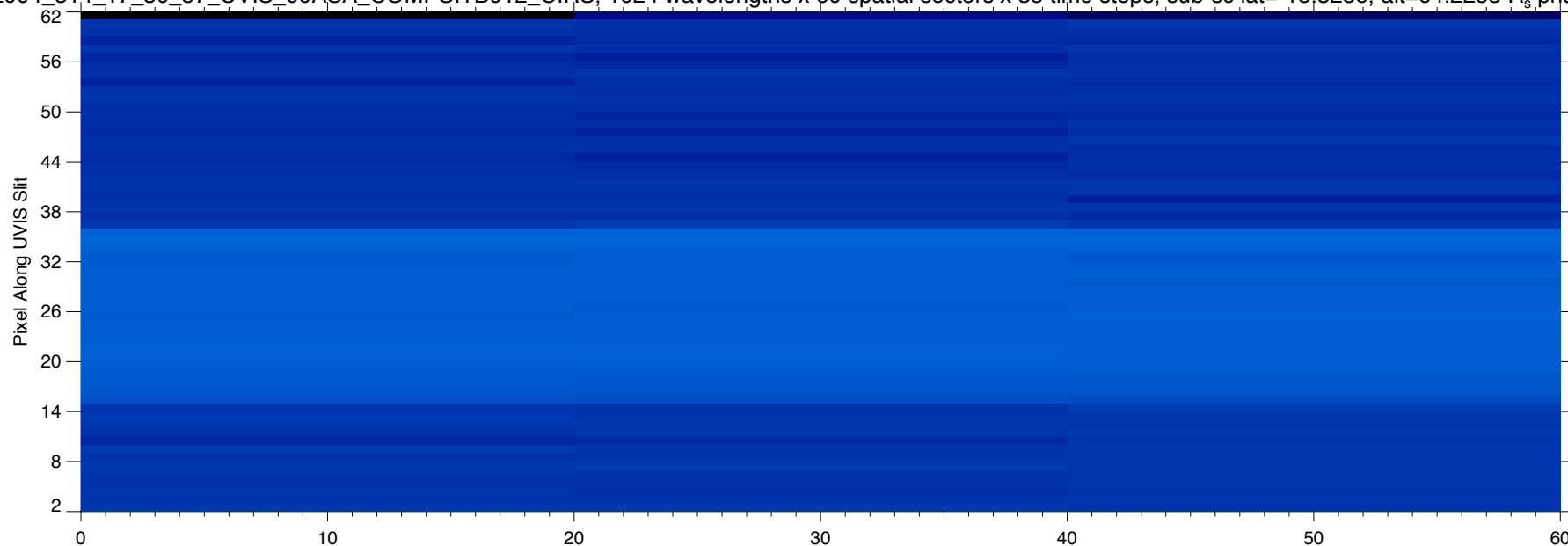
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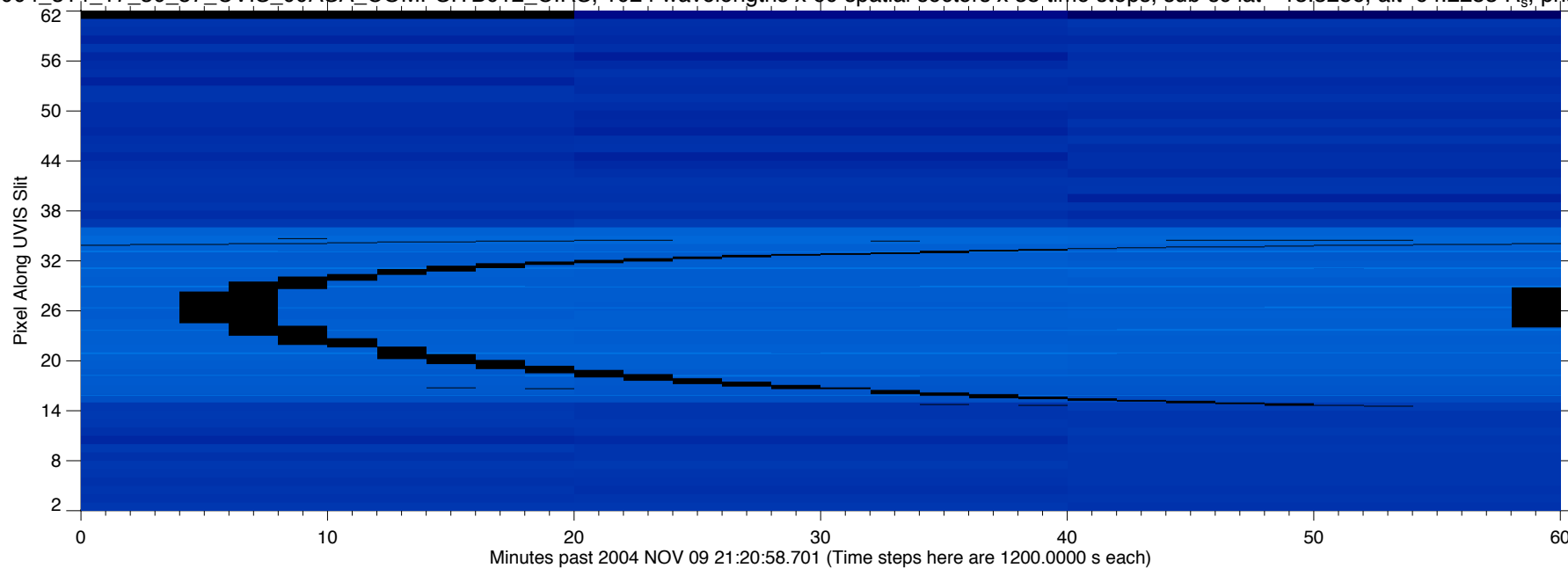
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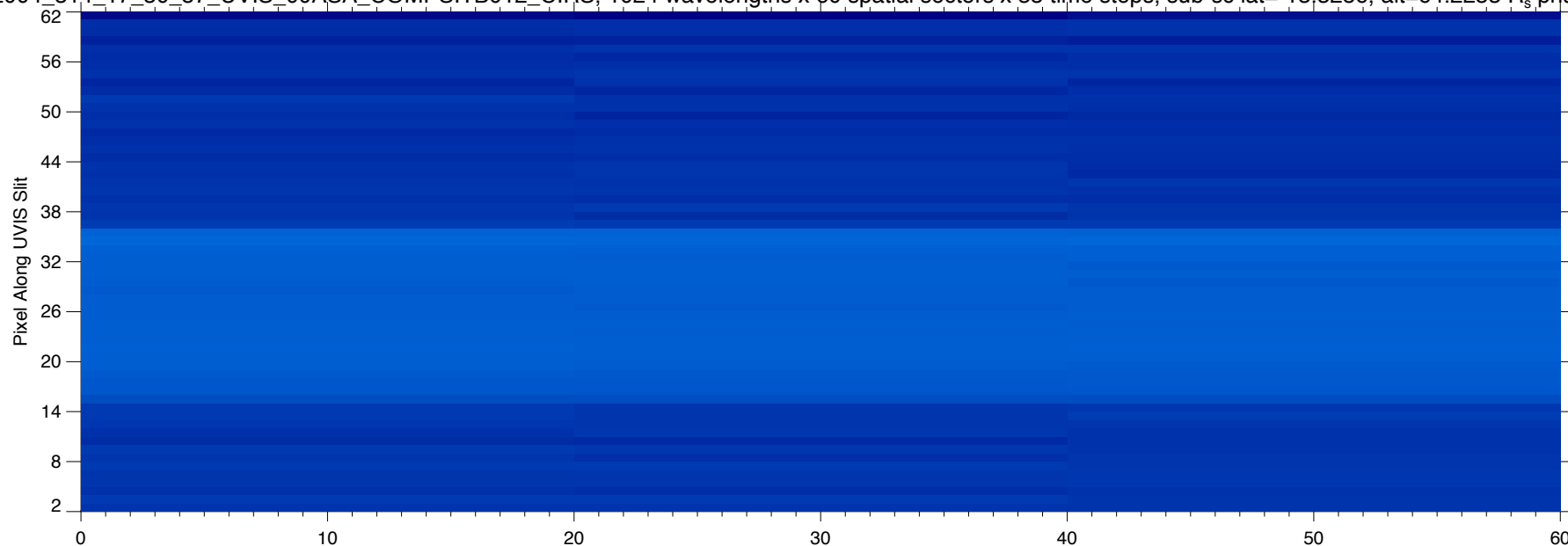
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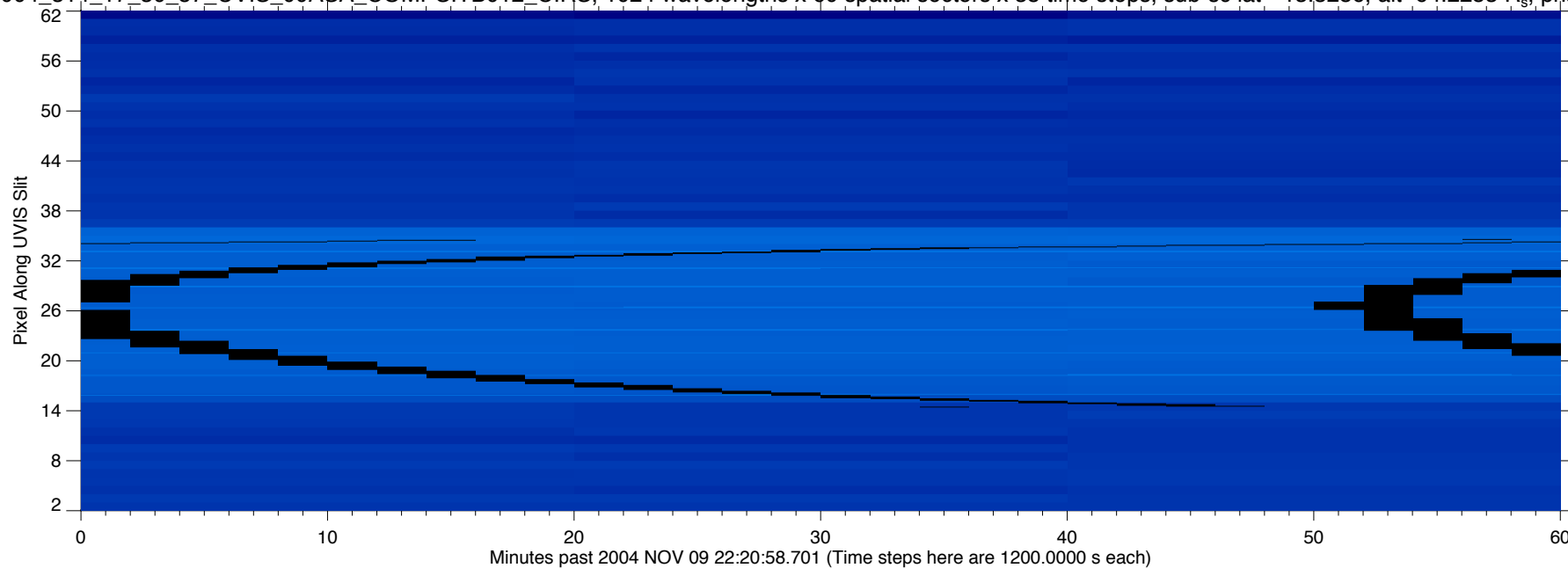
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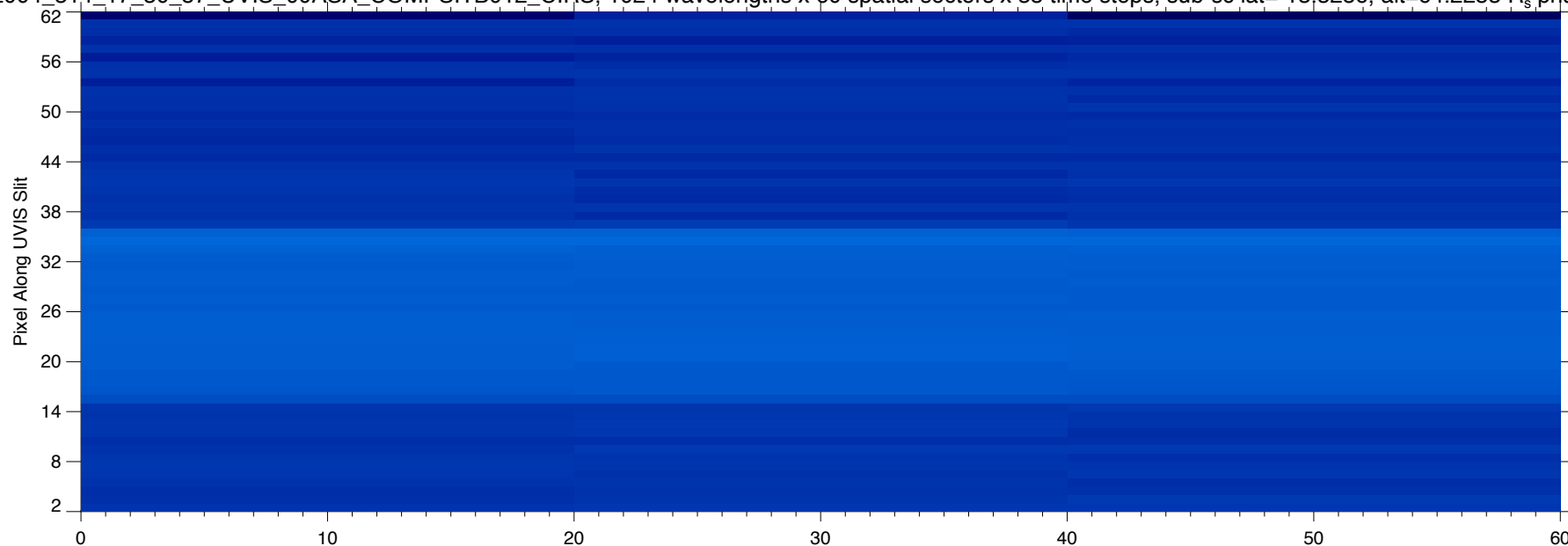
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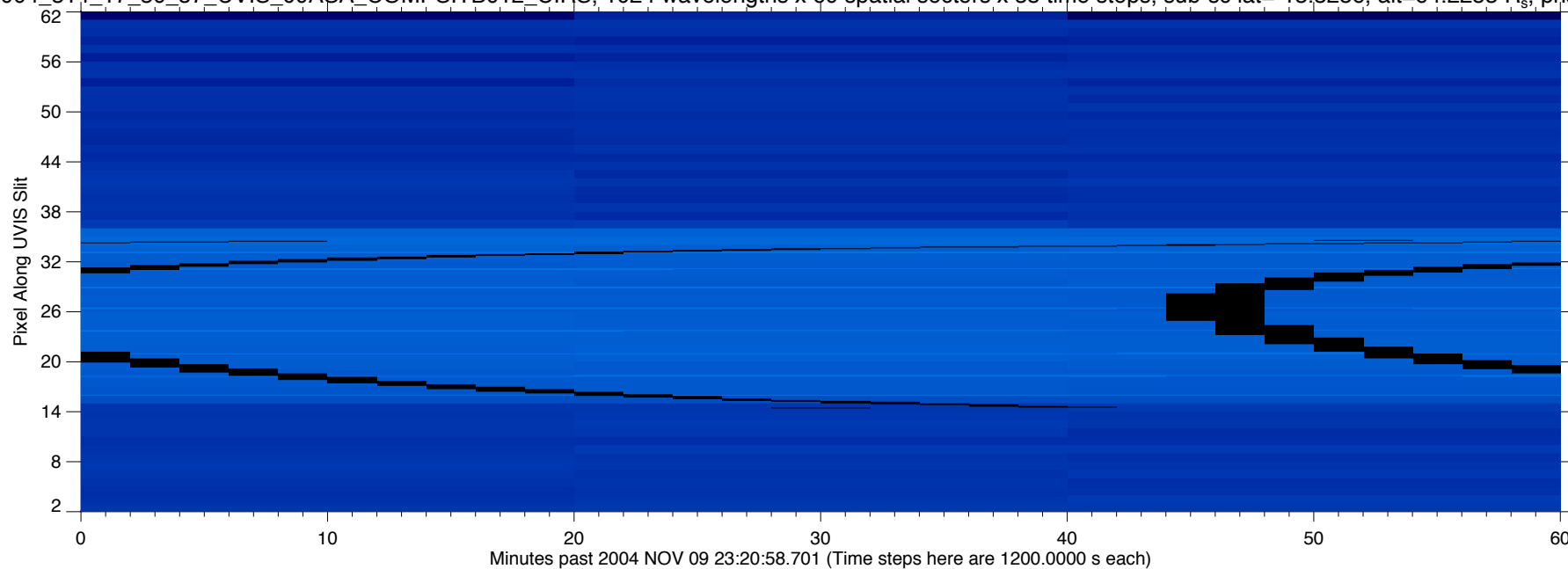
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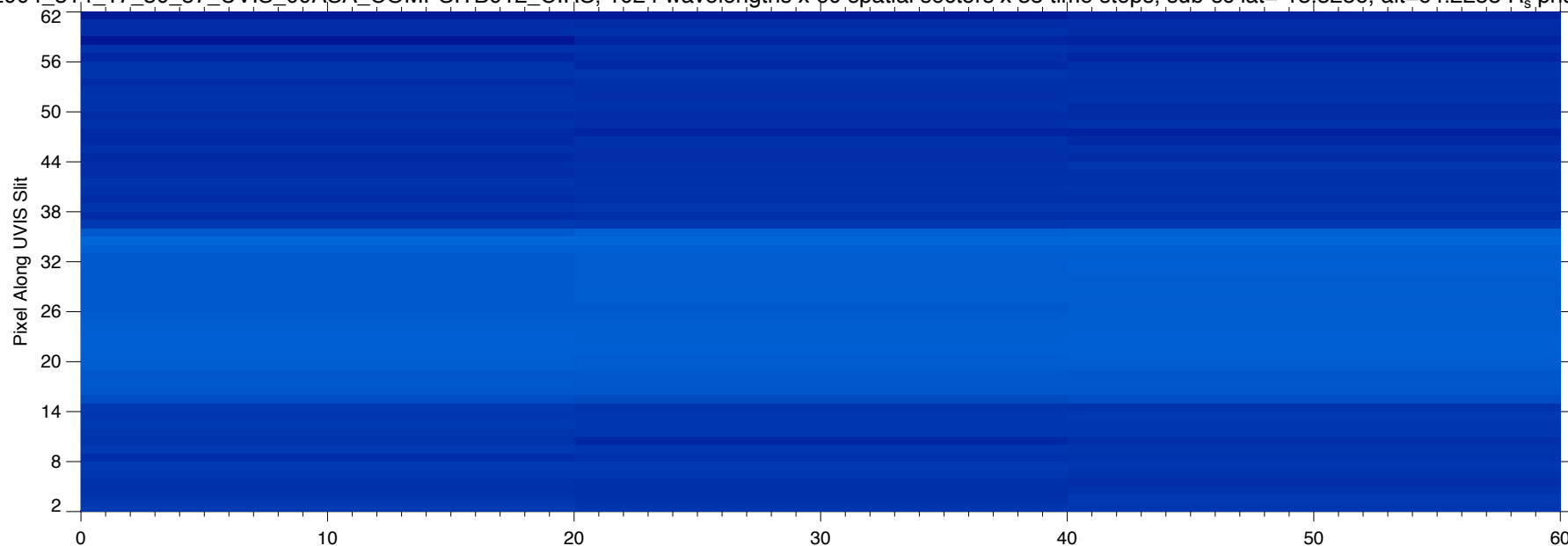
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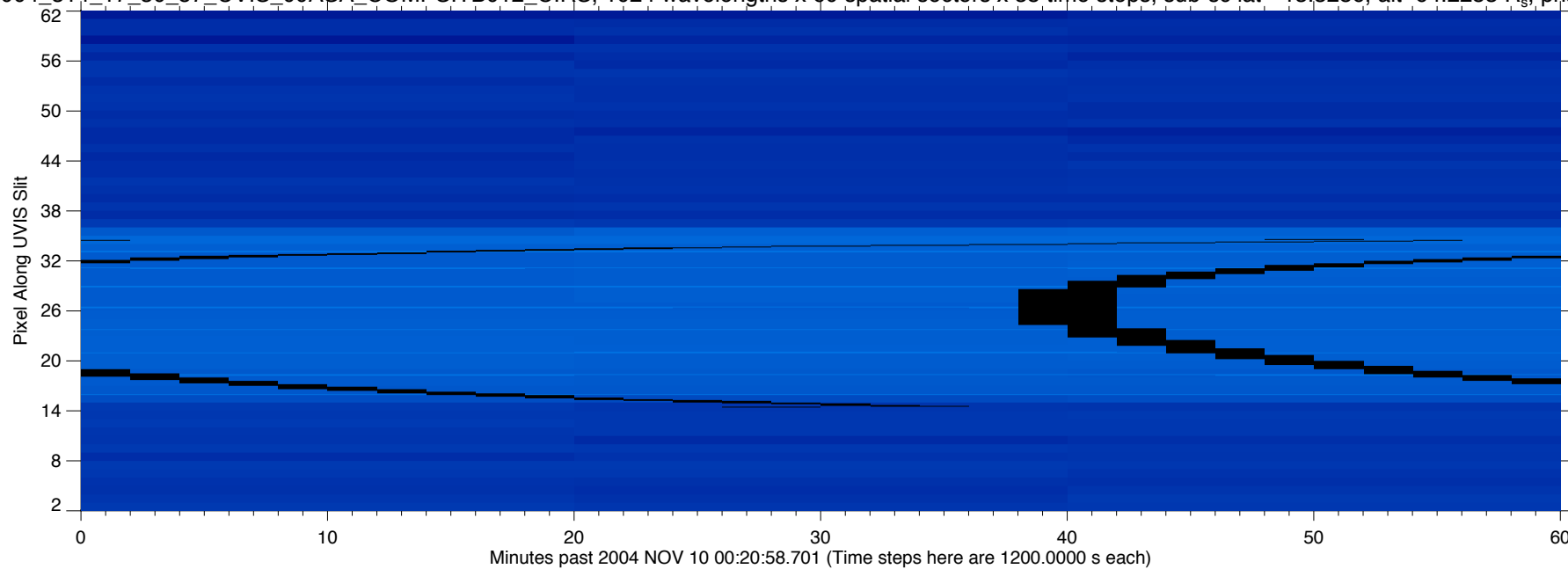
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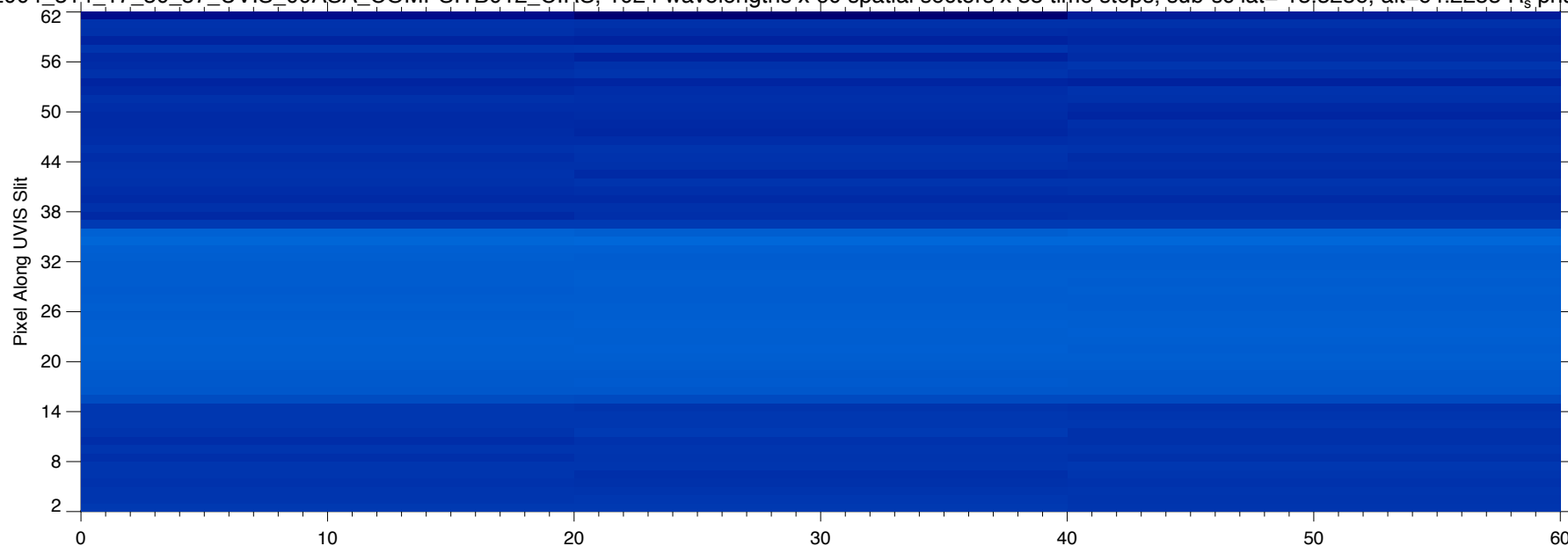
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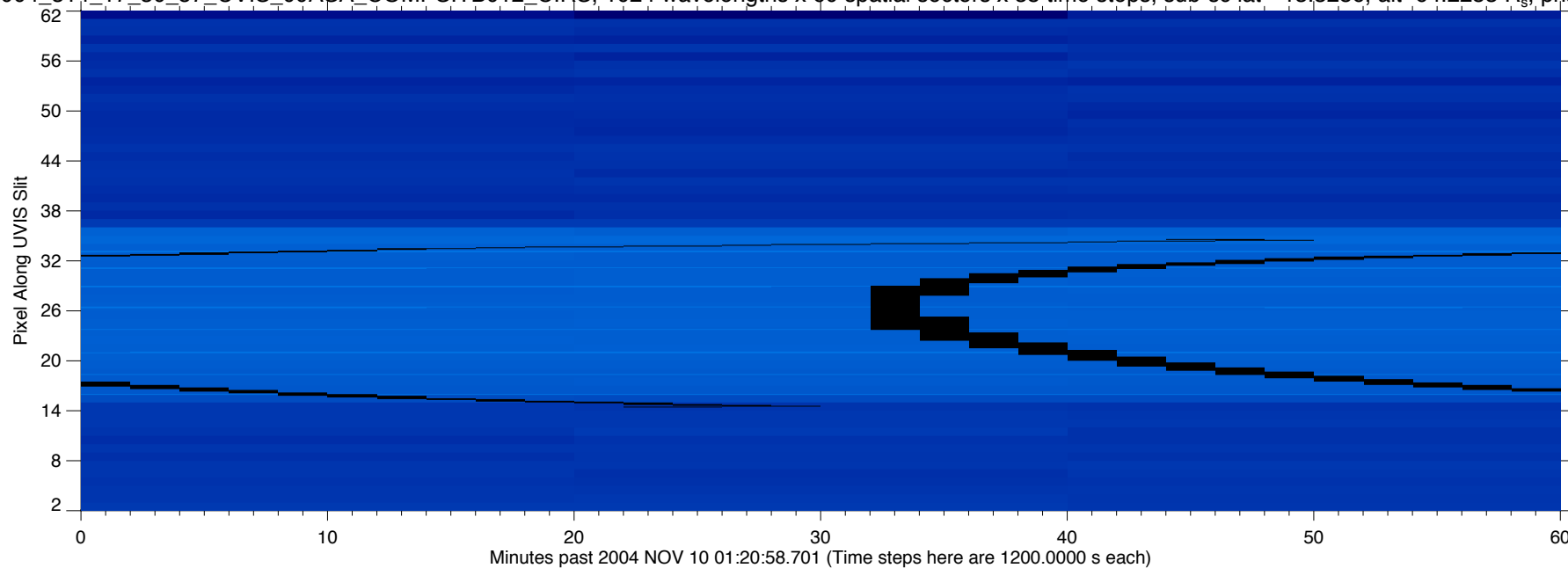
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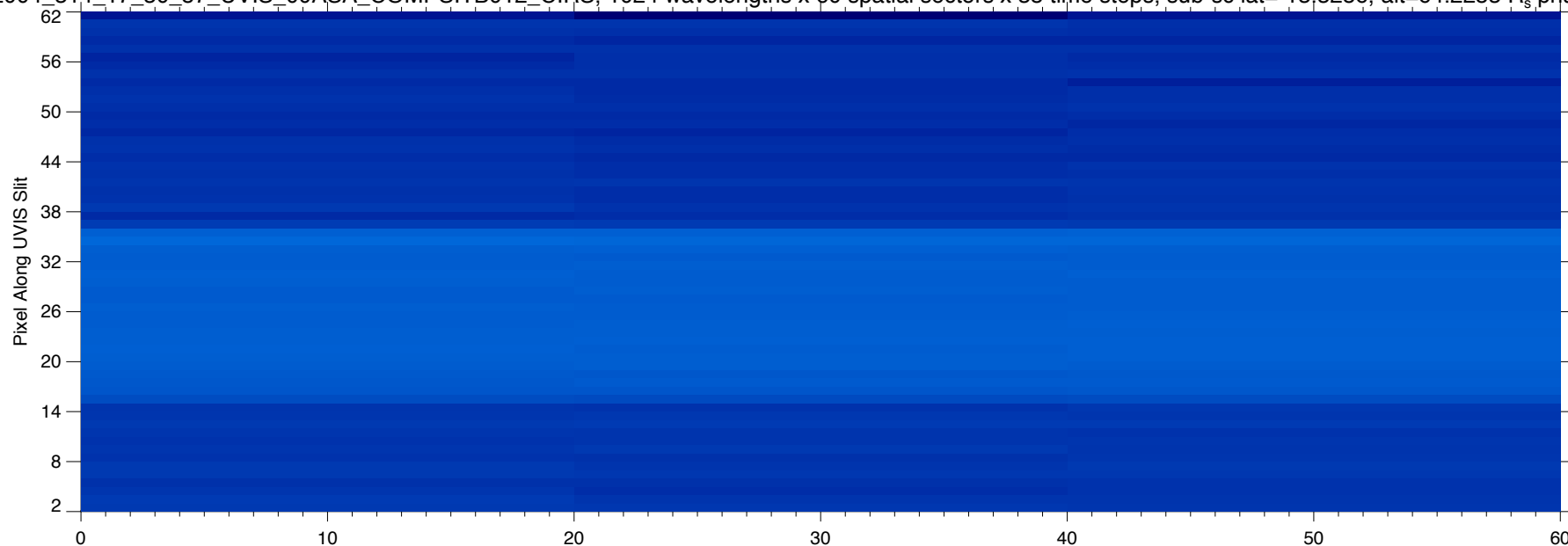
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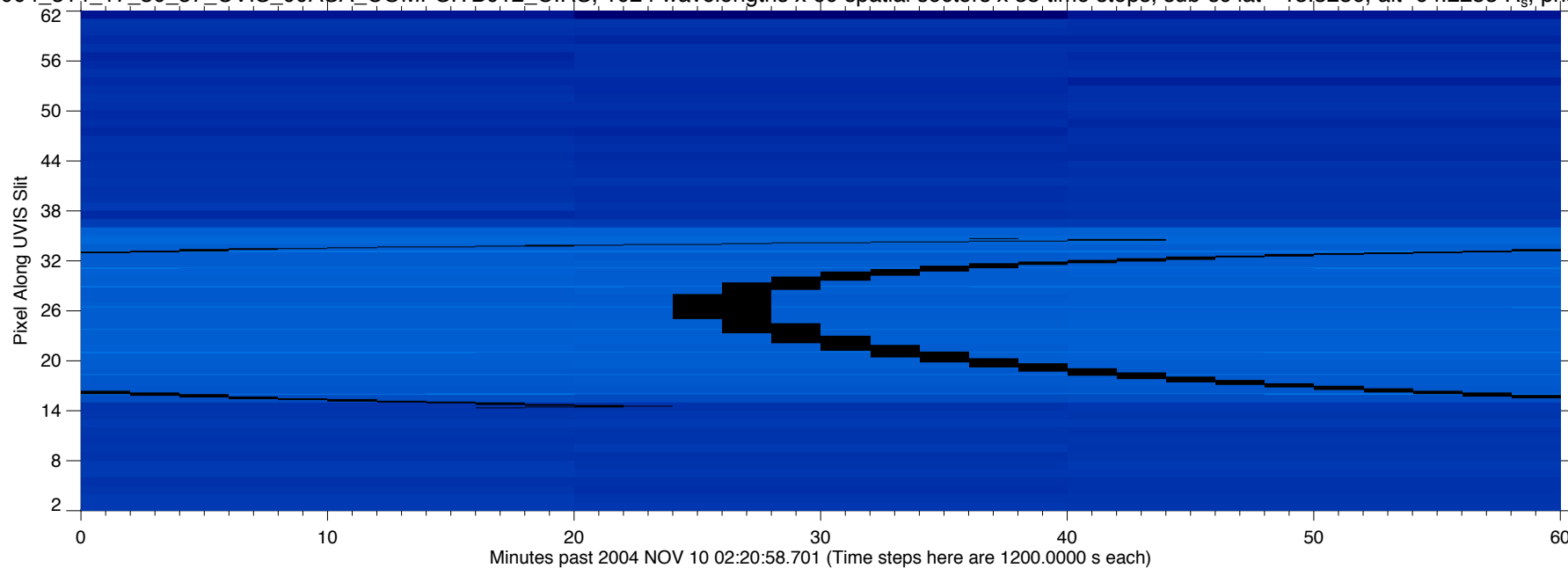
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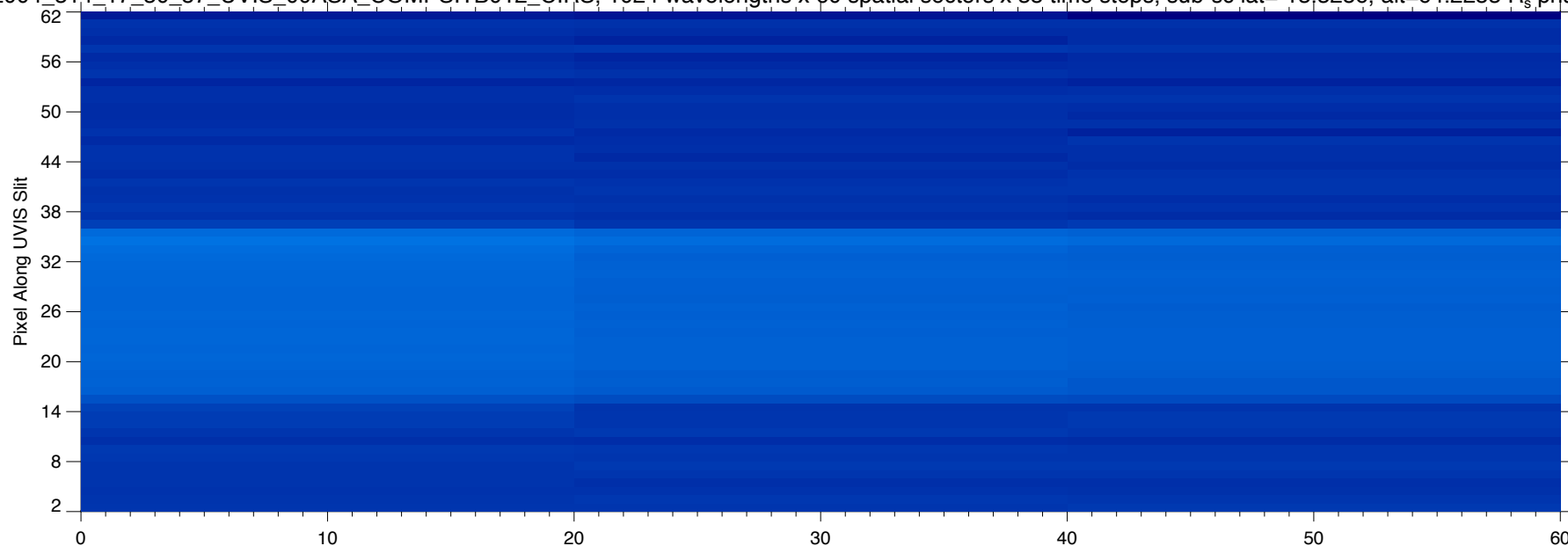
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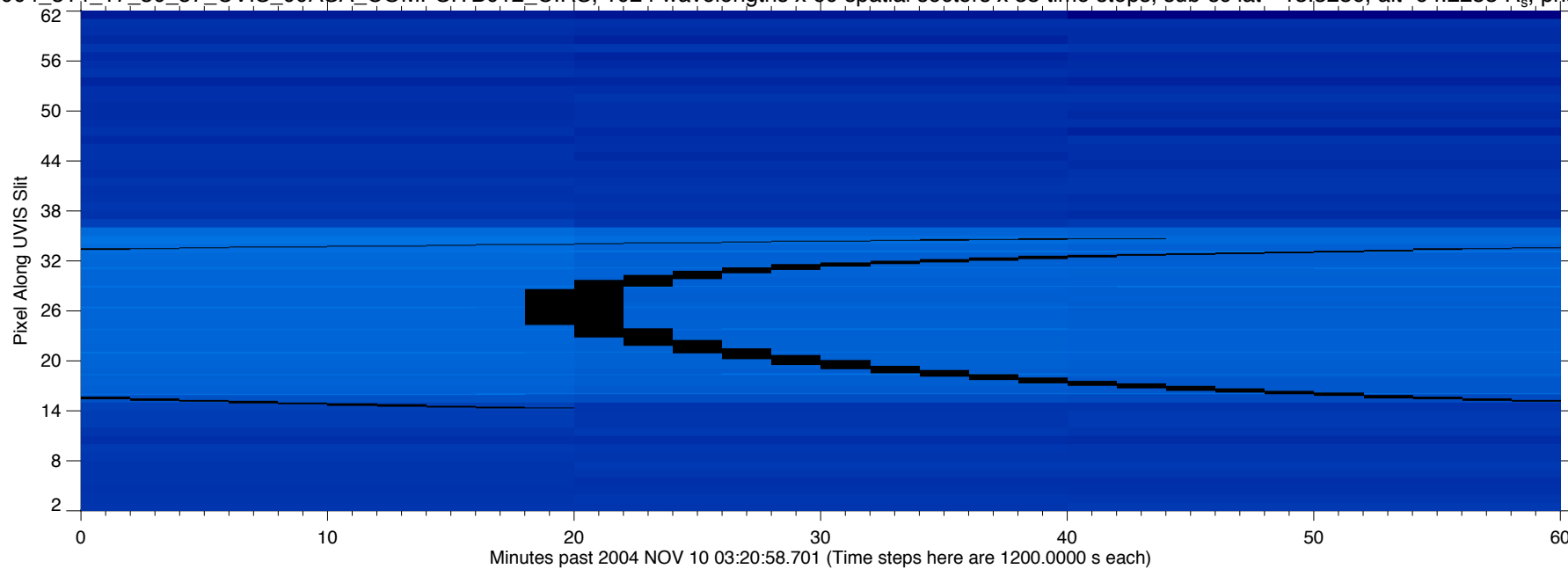
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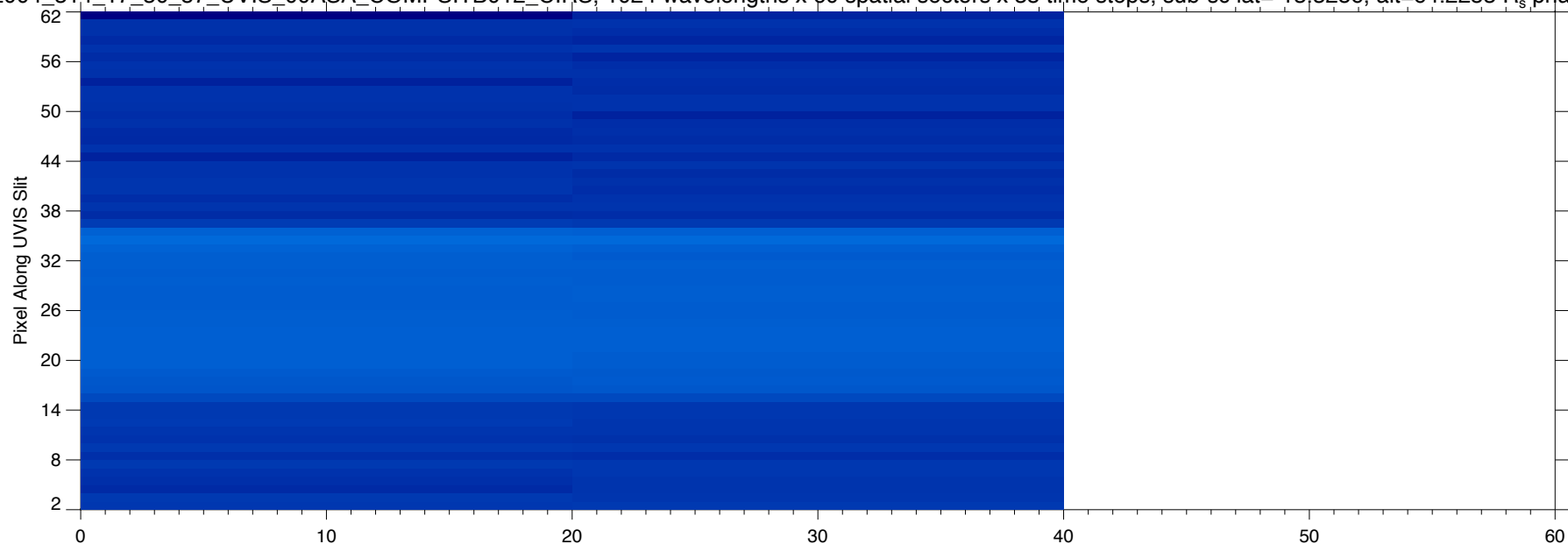
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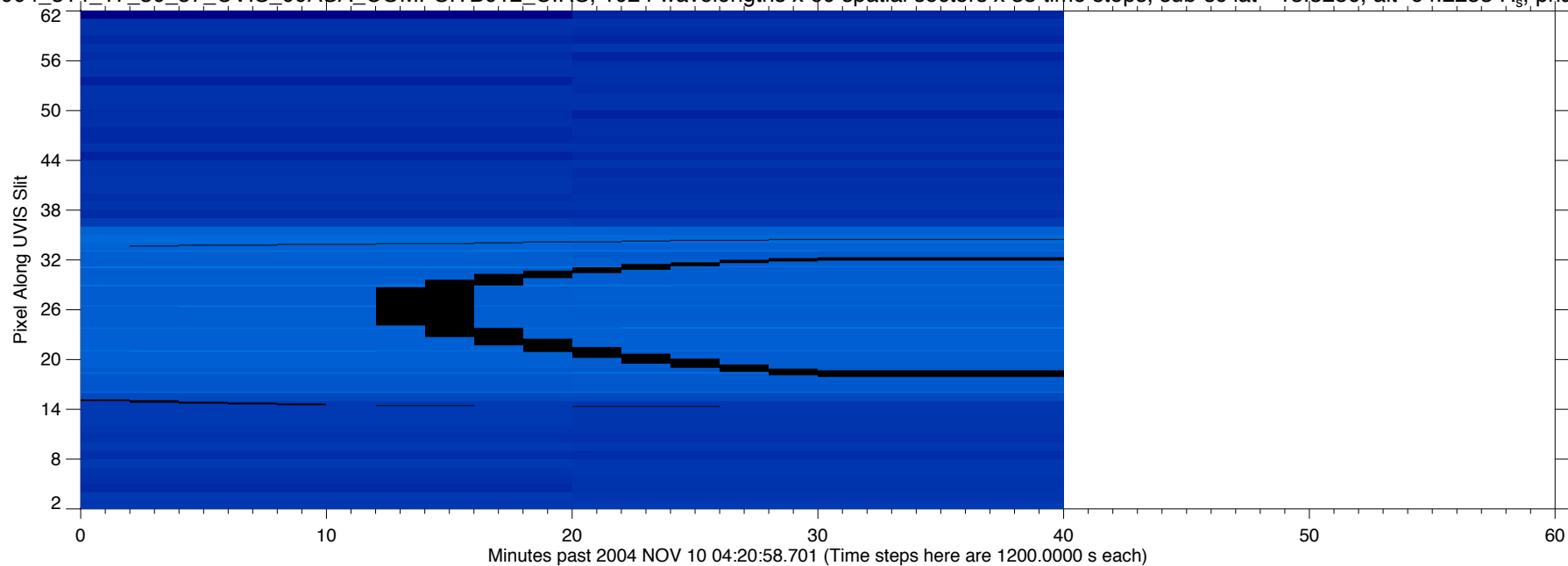
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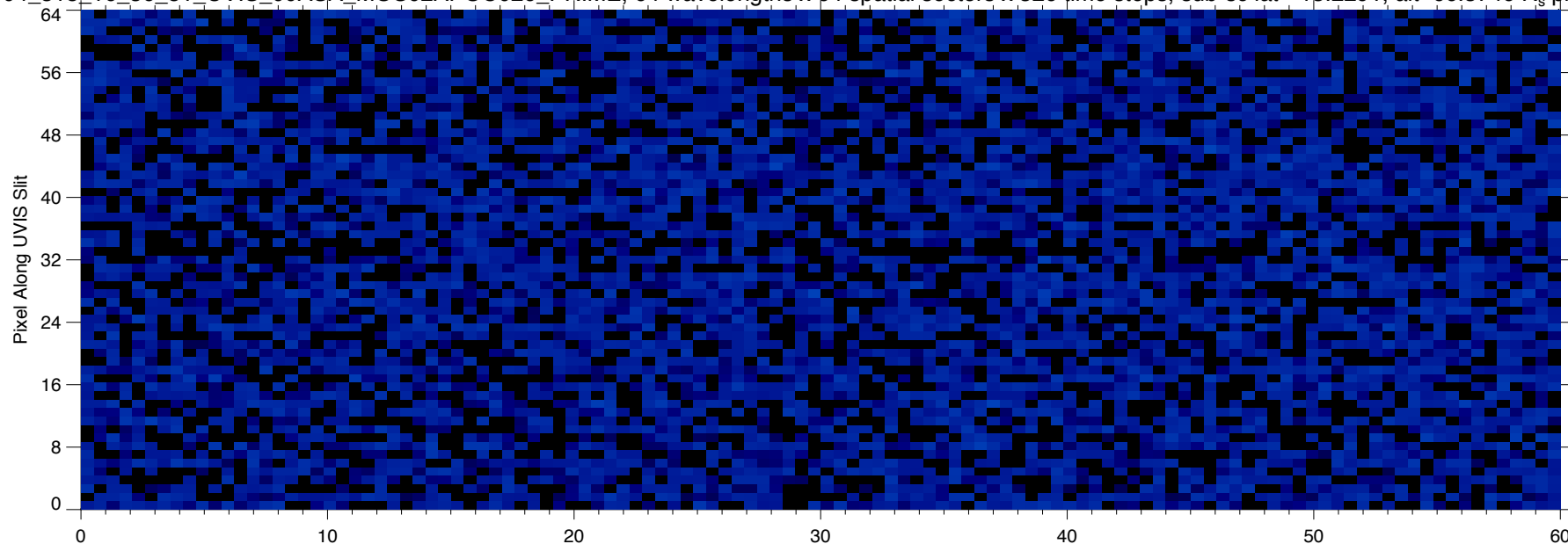
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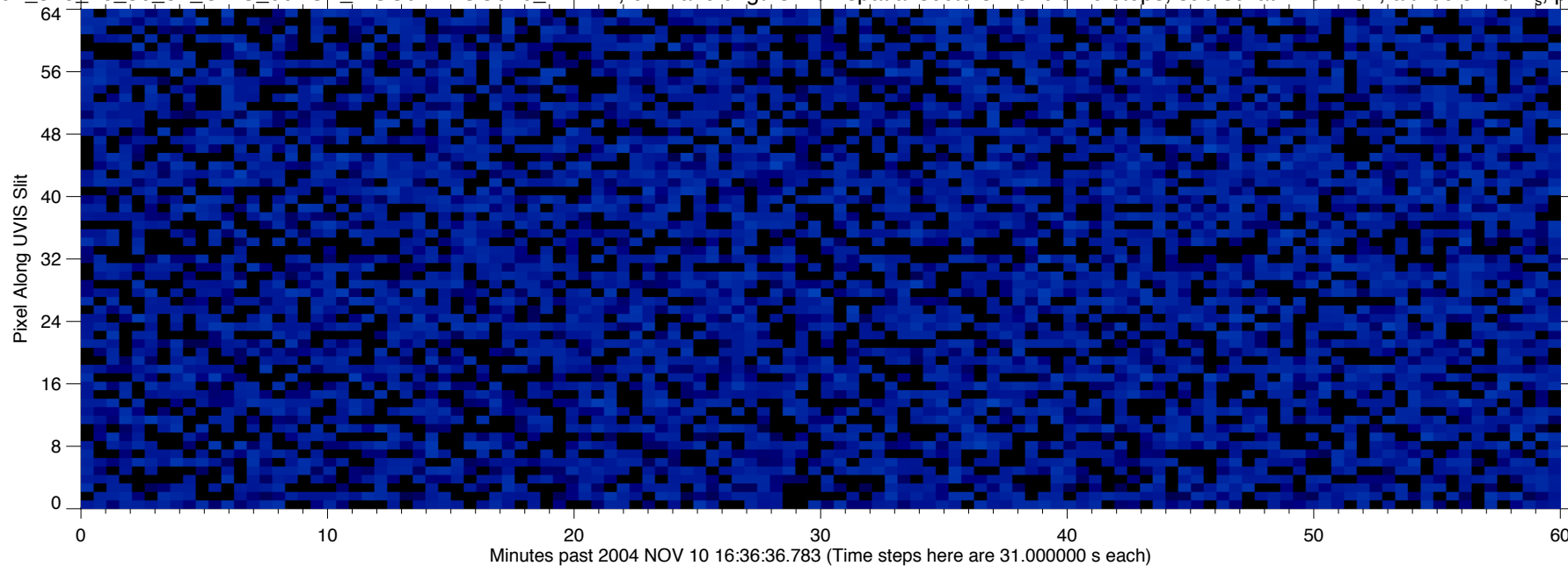
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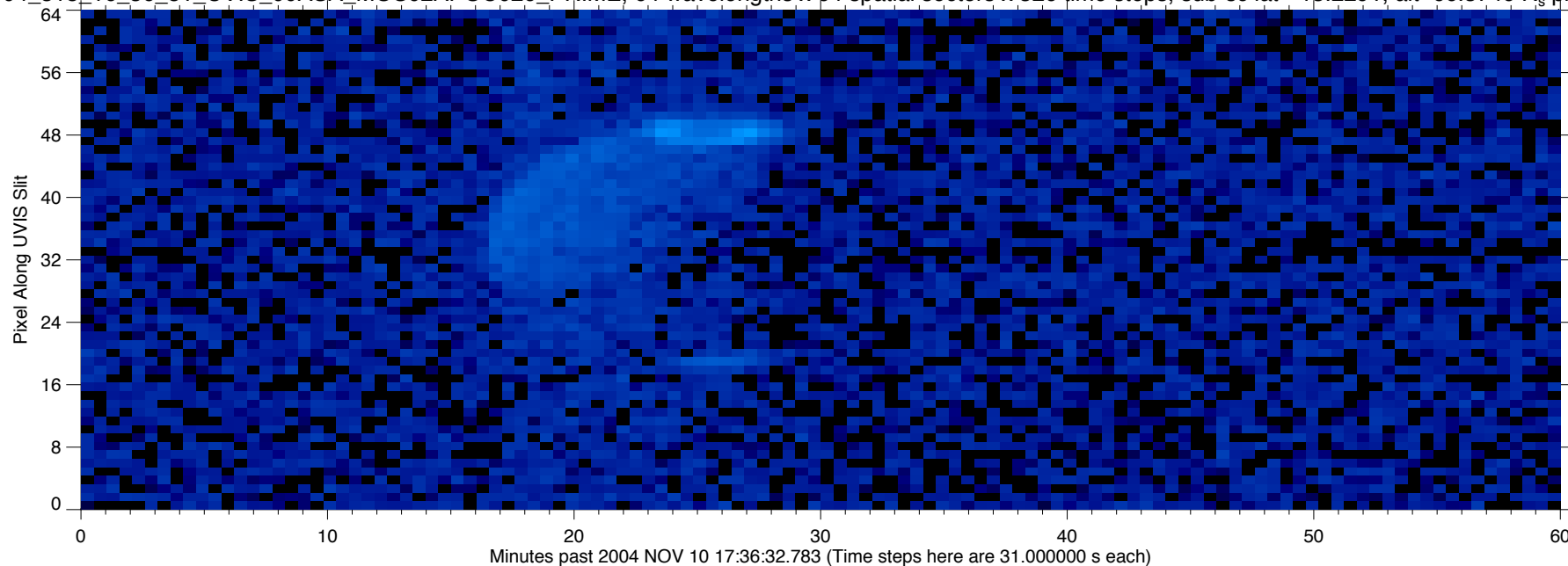
FUV2004_315_16_36_51_UVIS_00ASA_MOS02APOC026_PRIME, 64 wavelengths x 64 spatial sectors x 326 time steps, sub-sc lat=-13.2291, alt=66.3746 R_s phase=88.7486



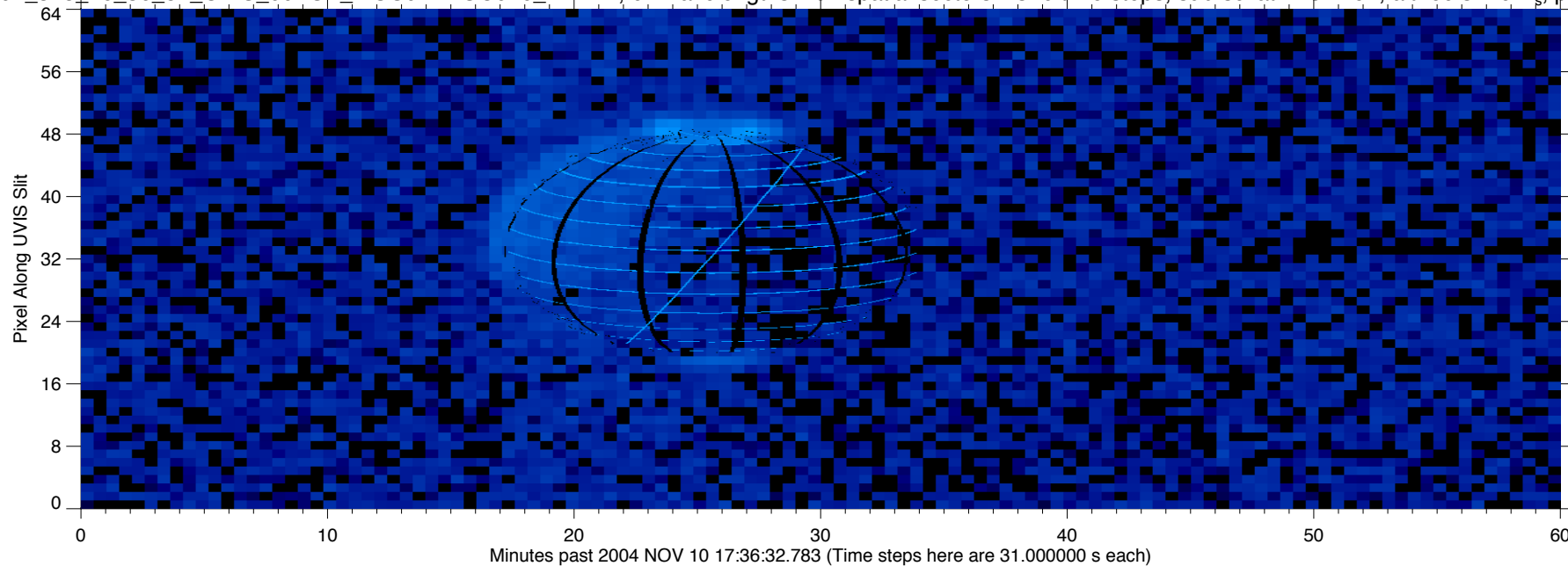
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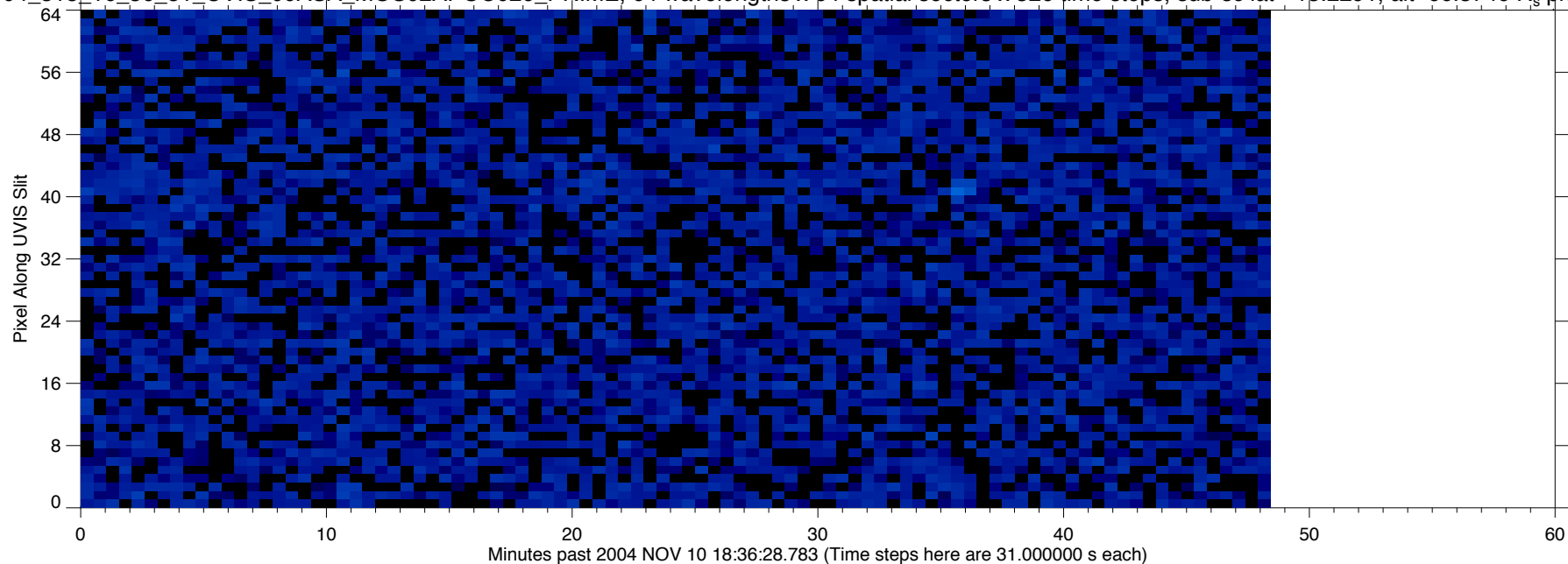
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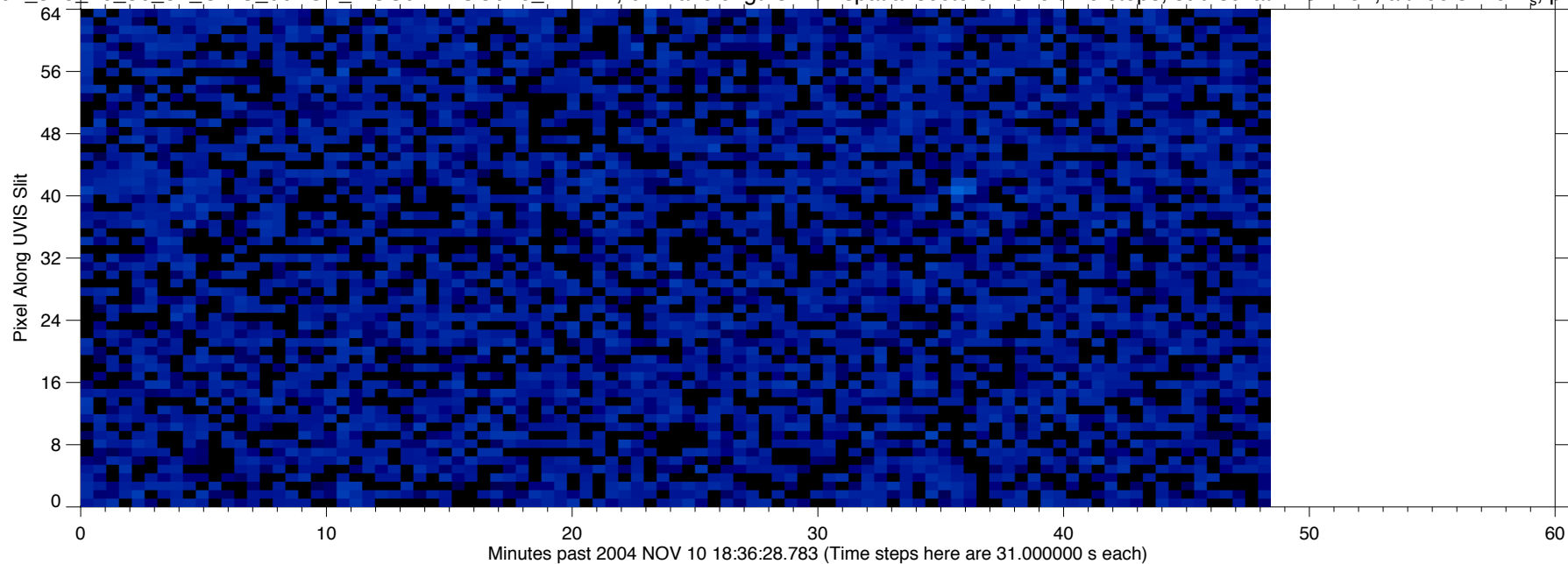
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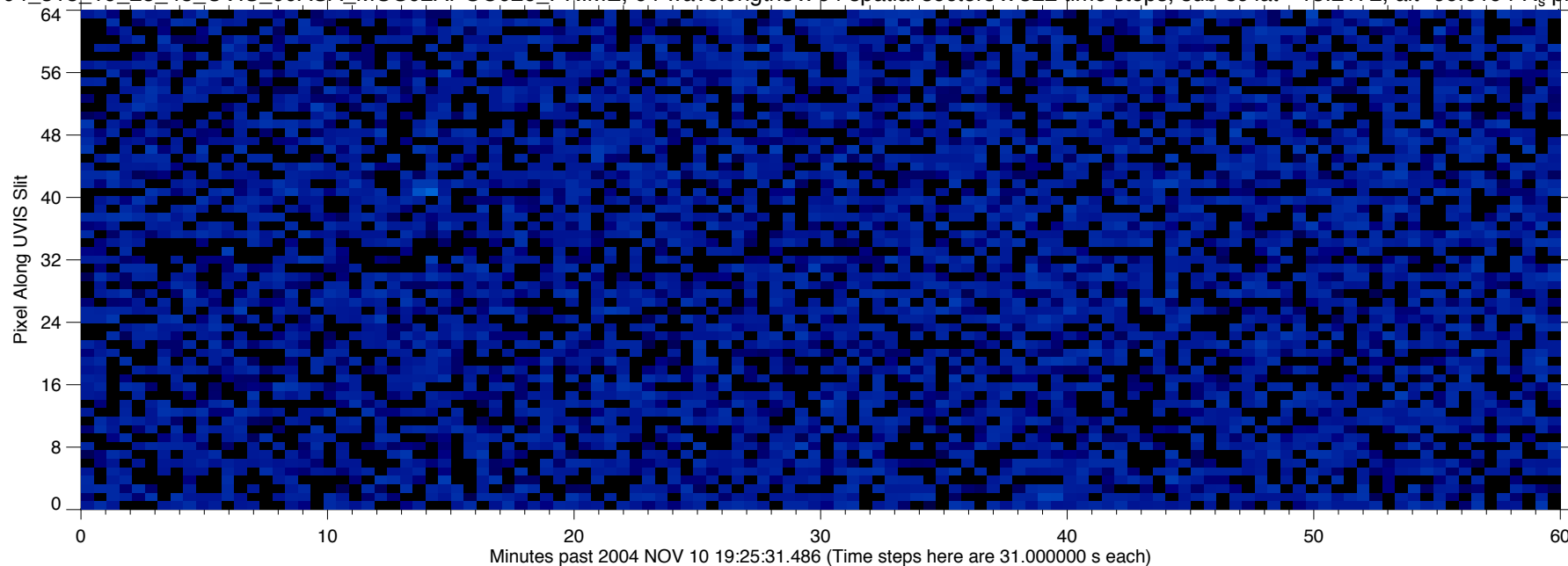
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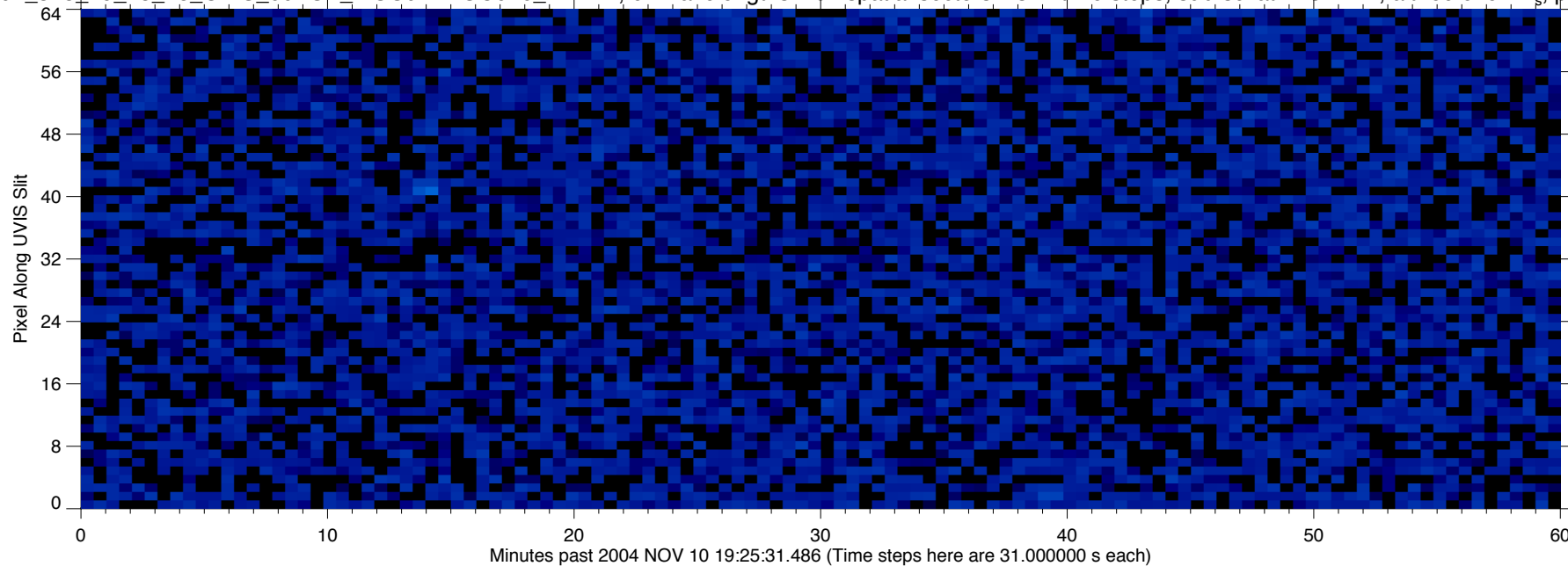
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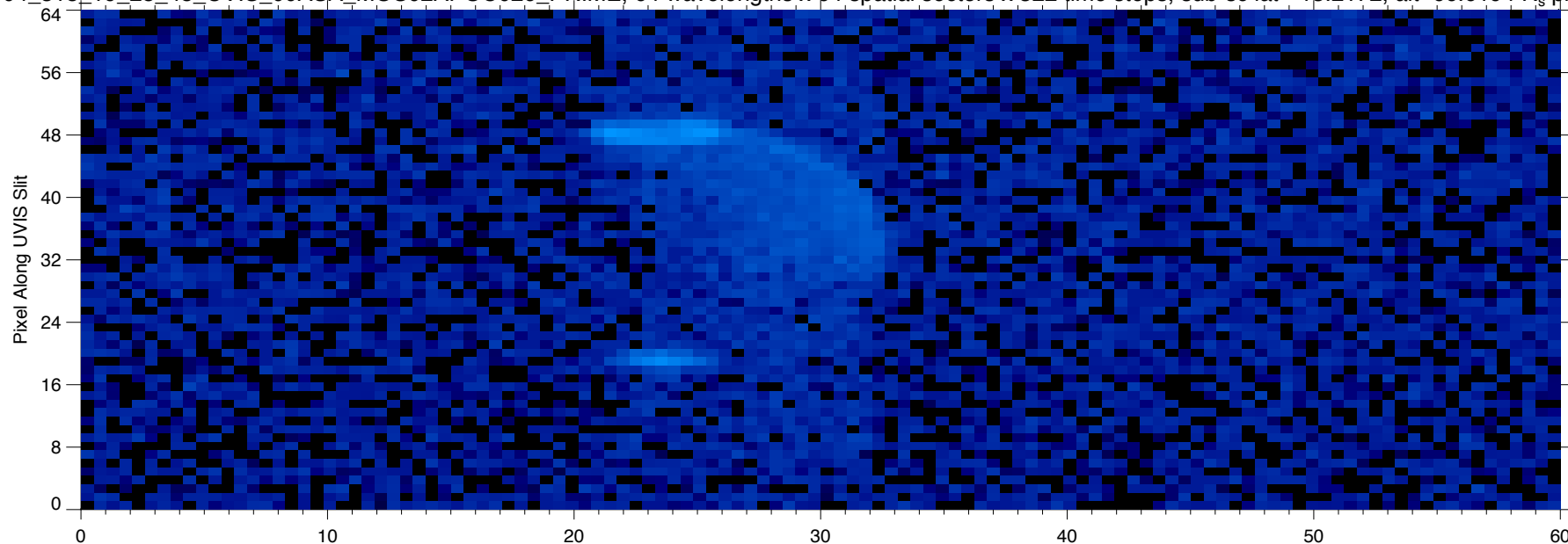
FUV2004_315_19_25_48_UVIS_00ASA_MOS02APOC026_PRIME, 64 wavelengths x 64 spatial sectors x 322 time steps, sub-sc lat=-13.2172, alt=66.6194 R_s, phase=88.5940



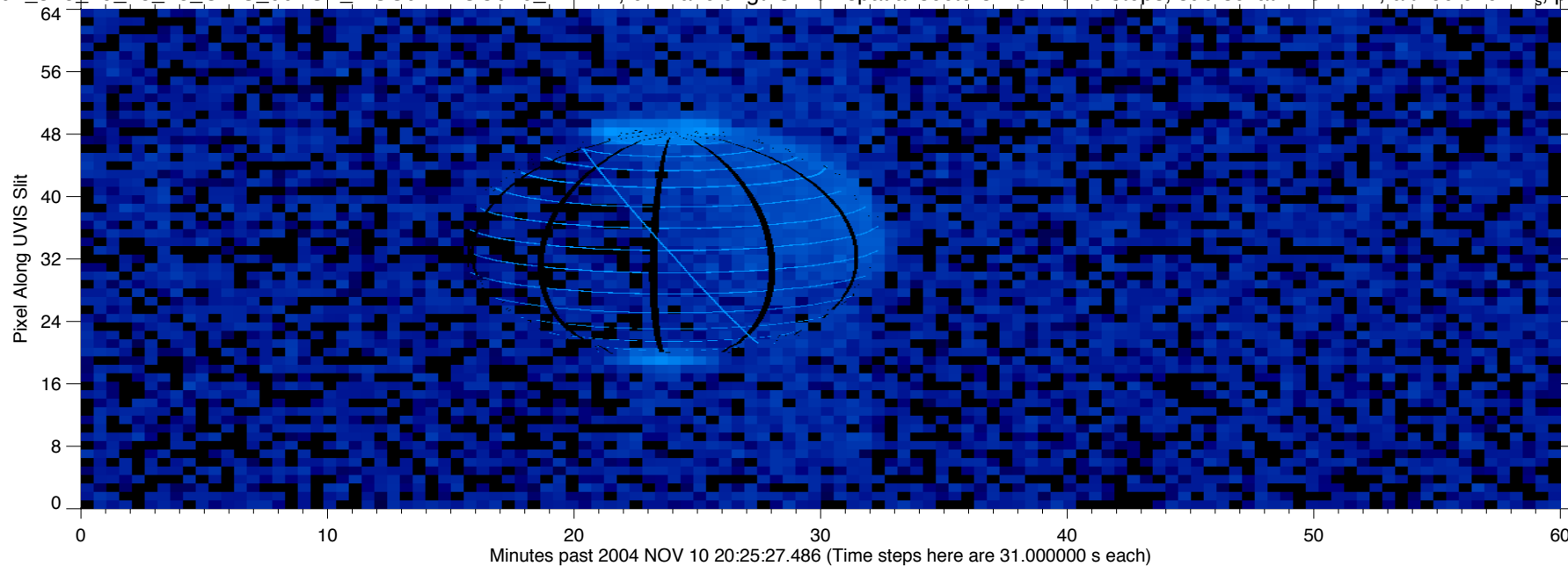
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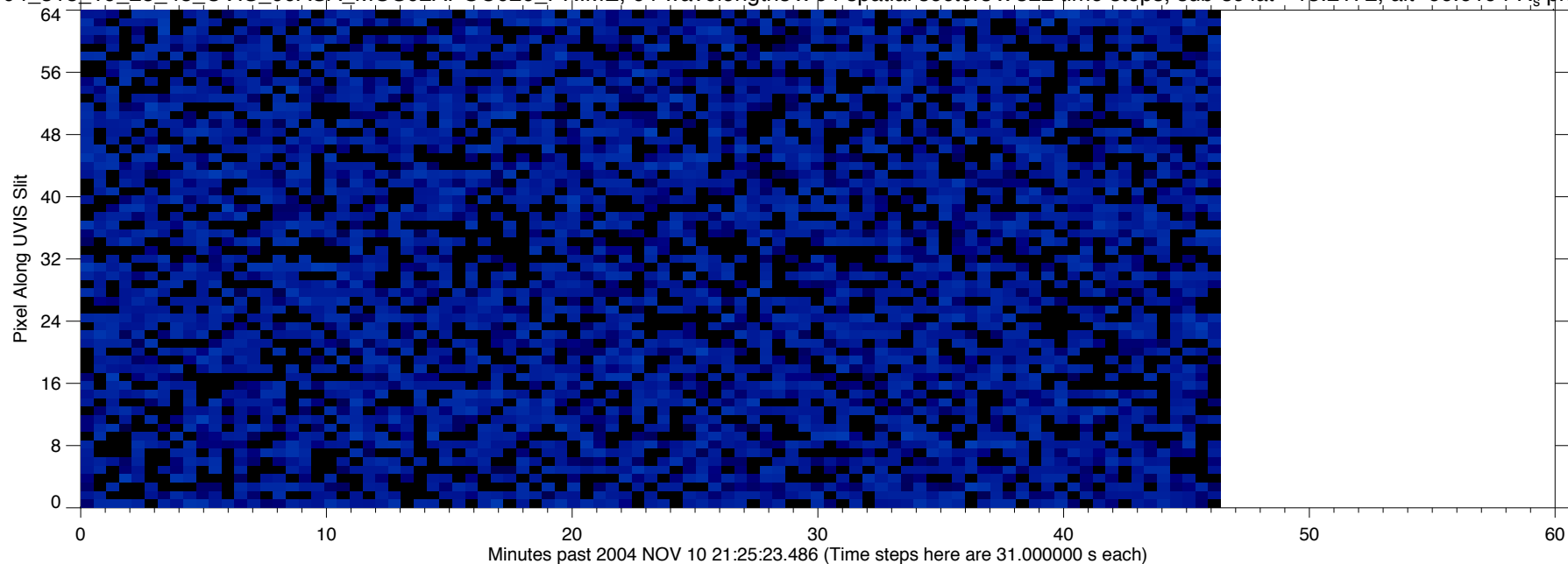
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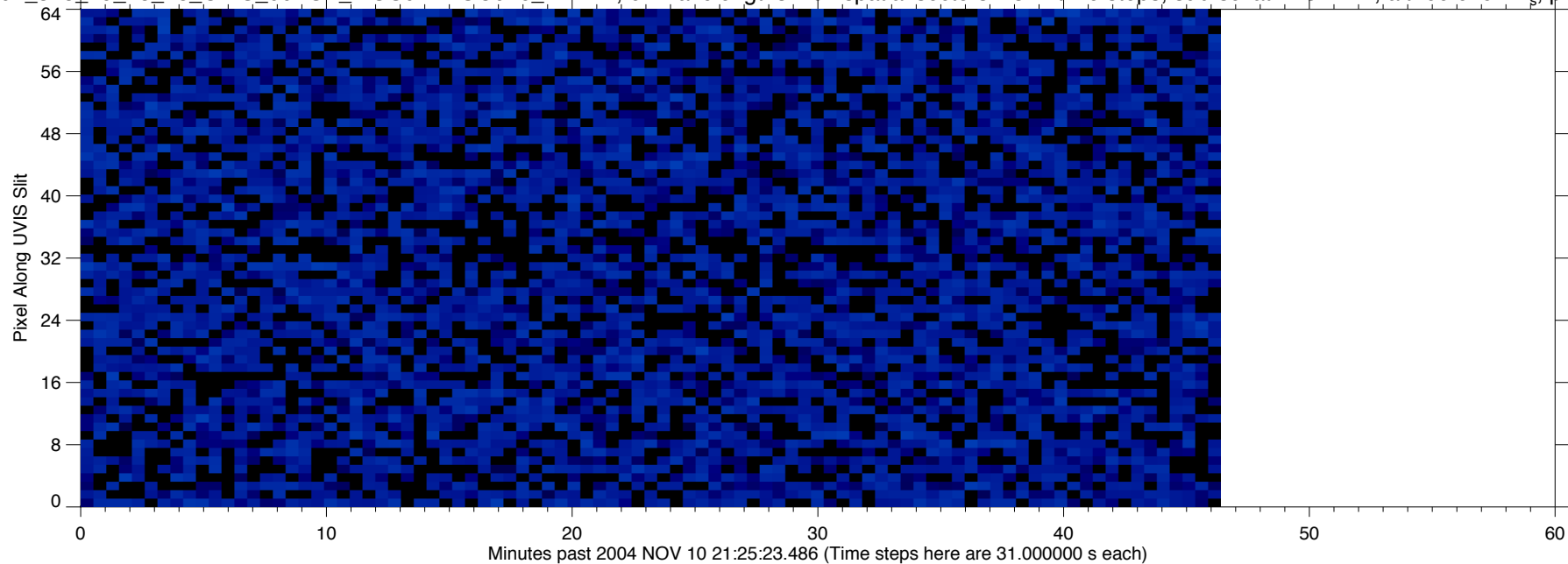
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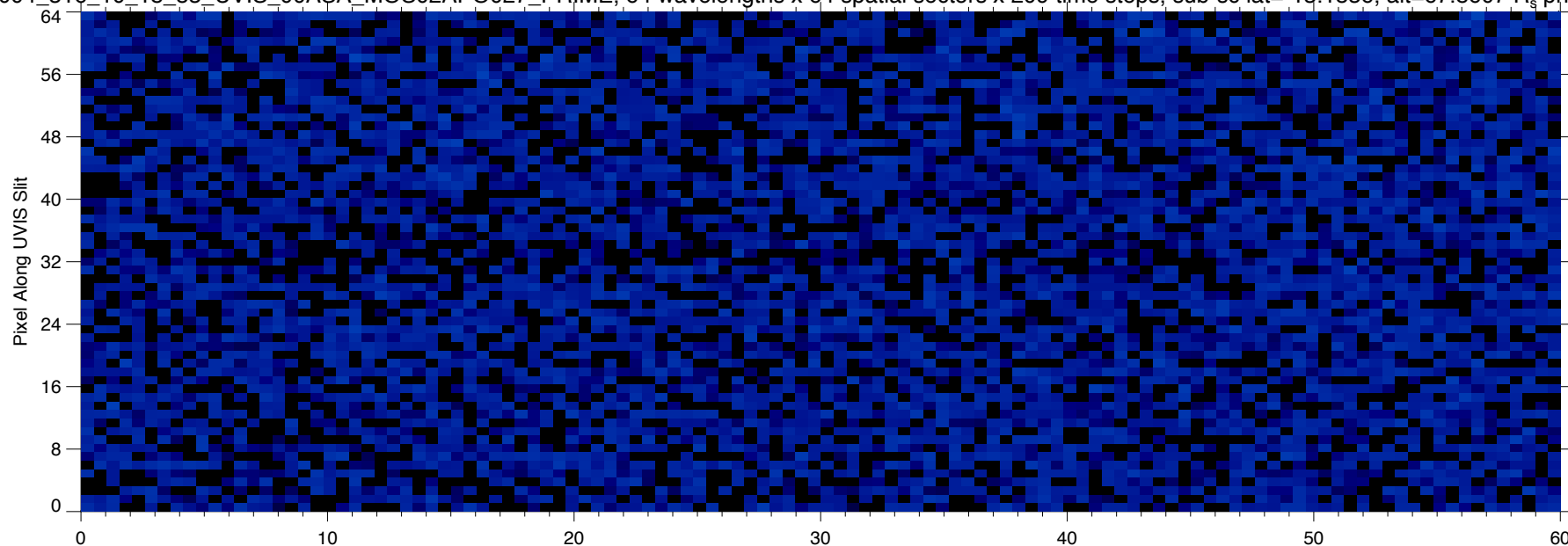
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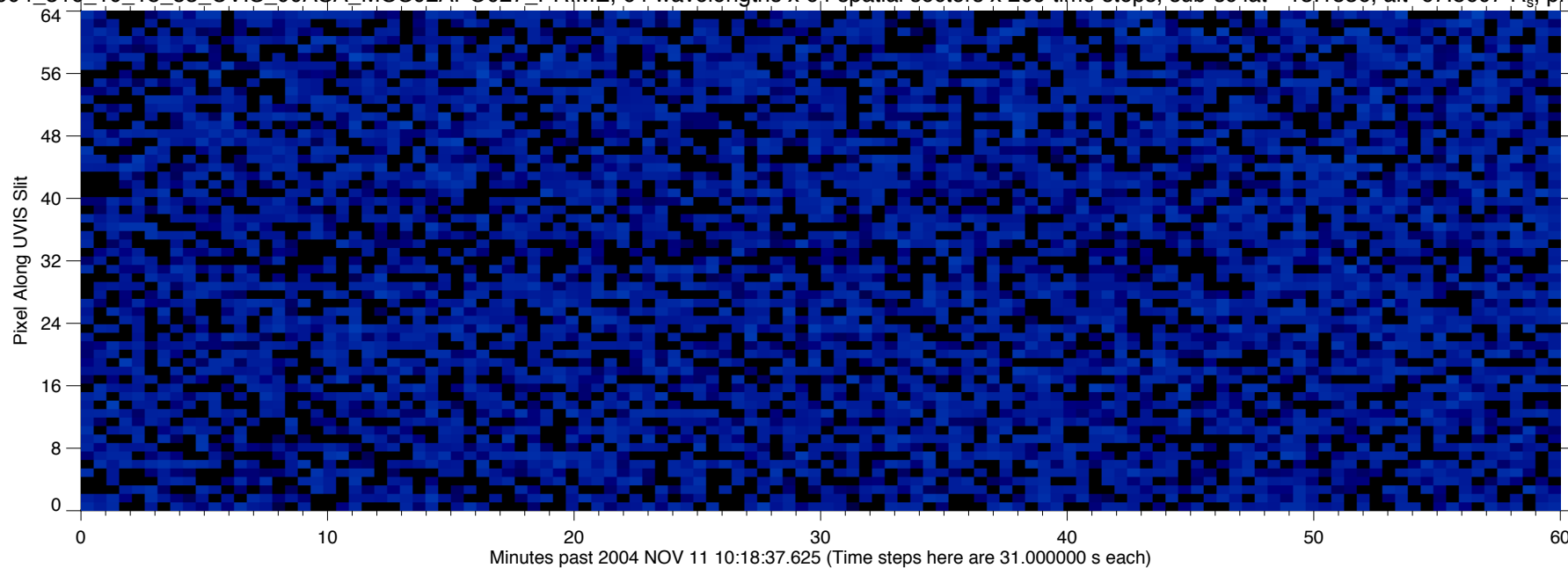
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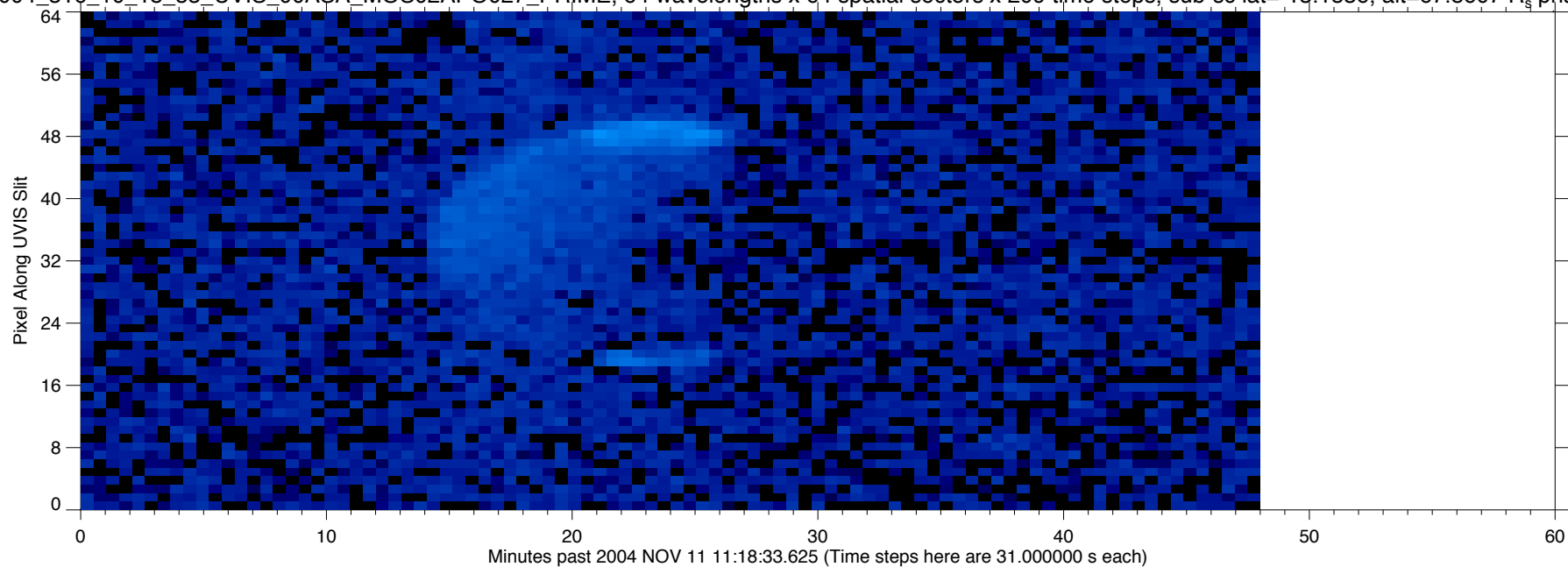
FUV2004_316_10_18_53_UVIS_00ASA_MOS02APO027_PRIME, 64 wavelengths x 64 spatial sectors x 209 time steps, sub-sc lat=-13.1536, alt=67.8607 R_s phase=87.7952



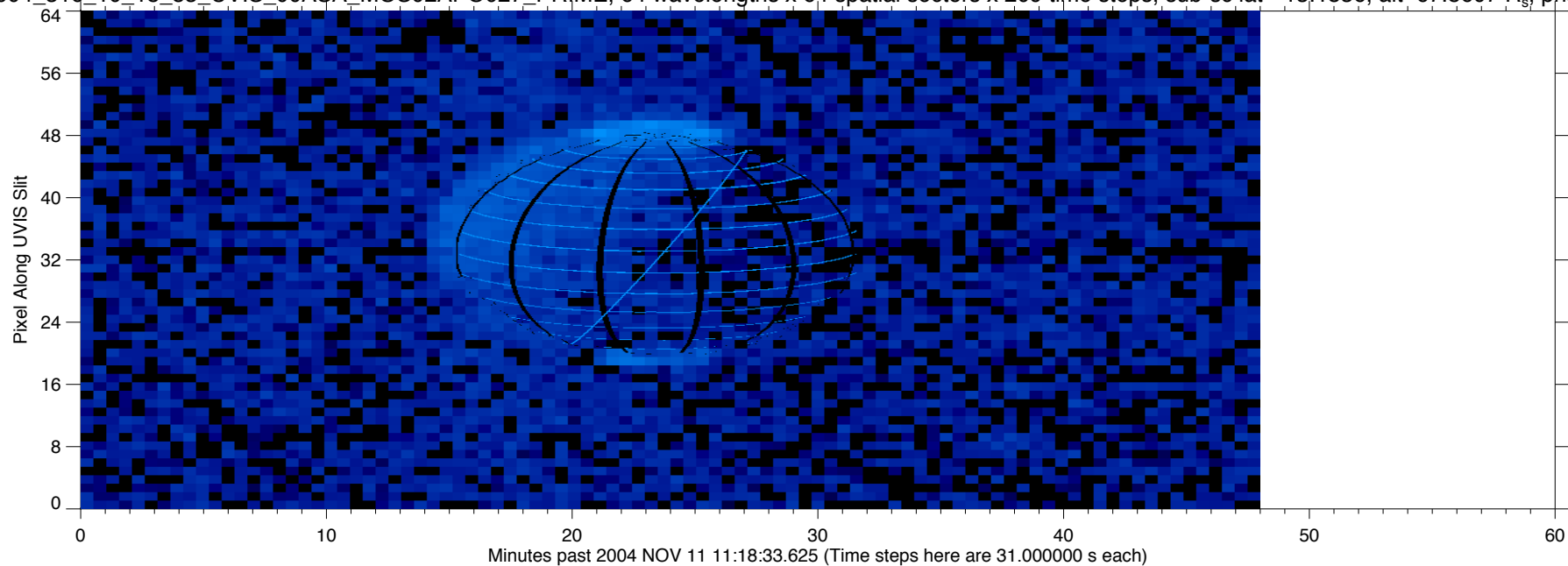
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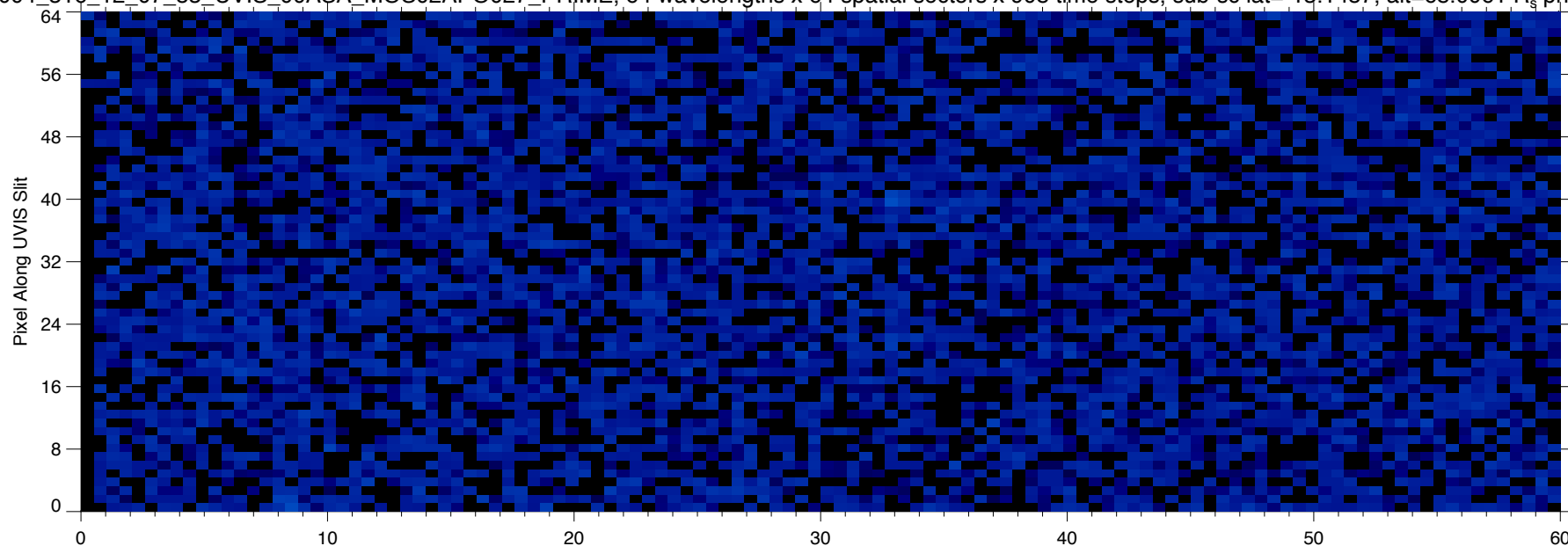
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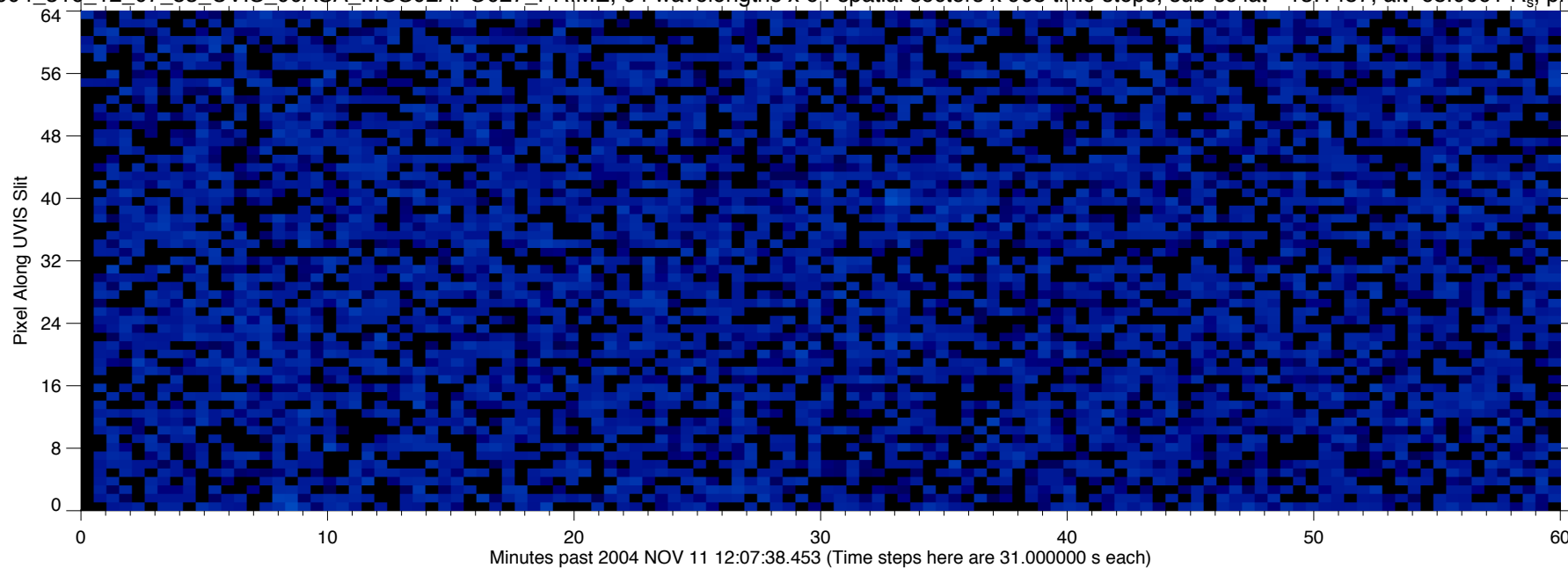
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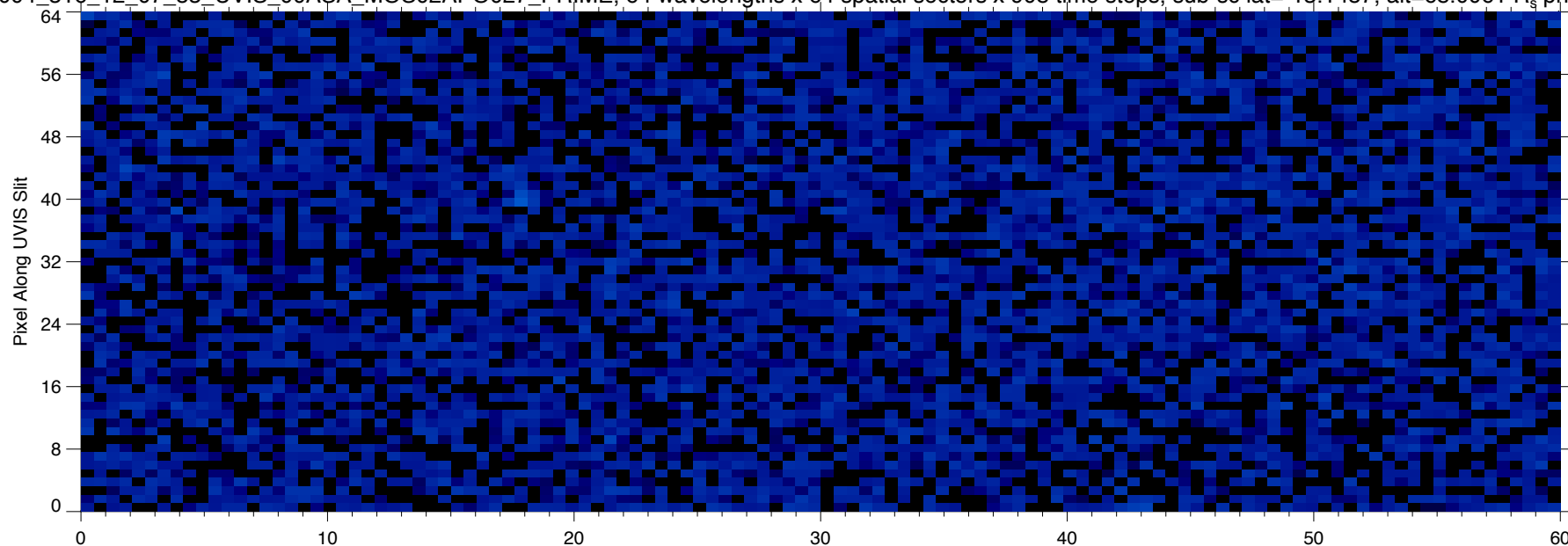
FUV2004_316_12_07_53_UVIS_00ASA_MOS02APO027_PRIME, 64 wavelengths x 64 spatial sectors x 908 time steps, sub-sc lat=-13.1457, alt=68.0061 R_s phase=87.6998



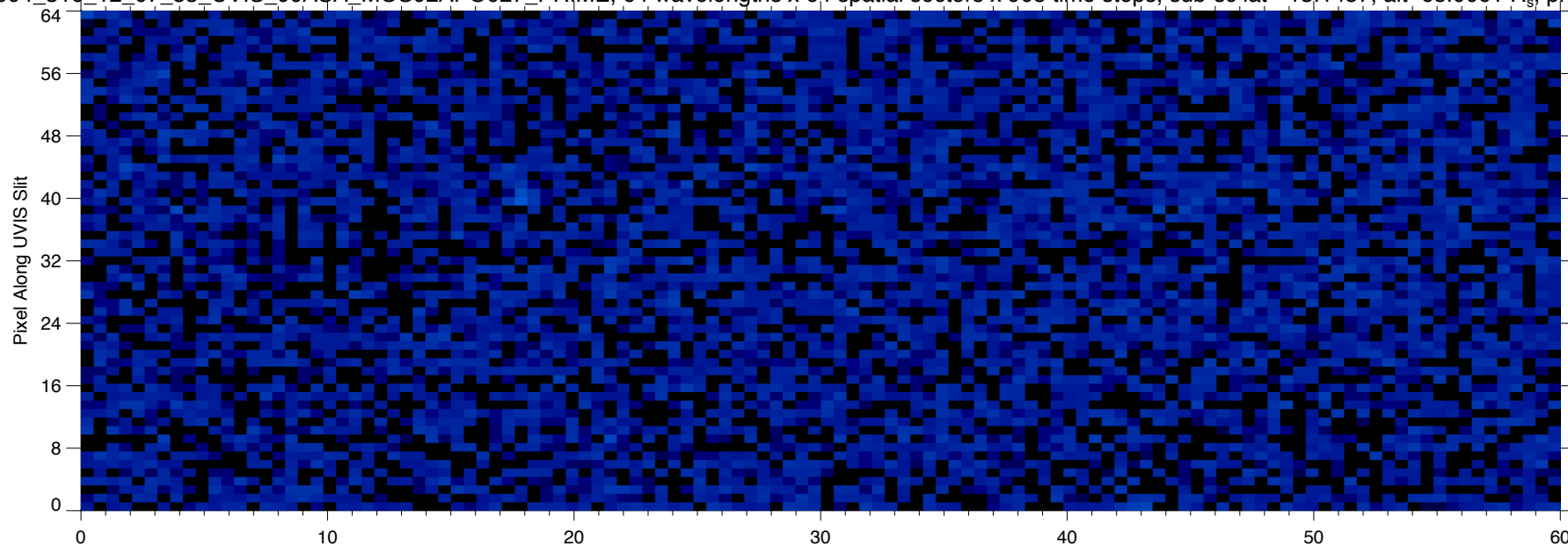
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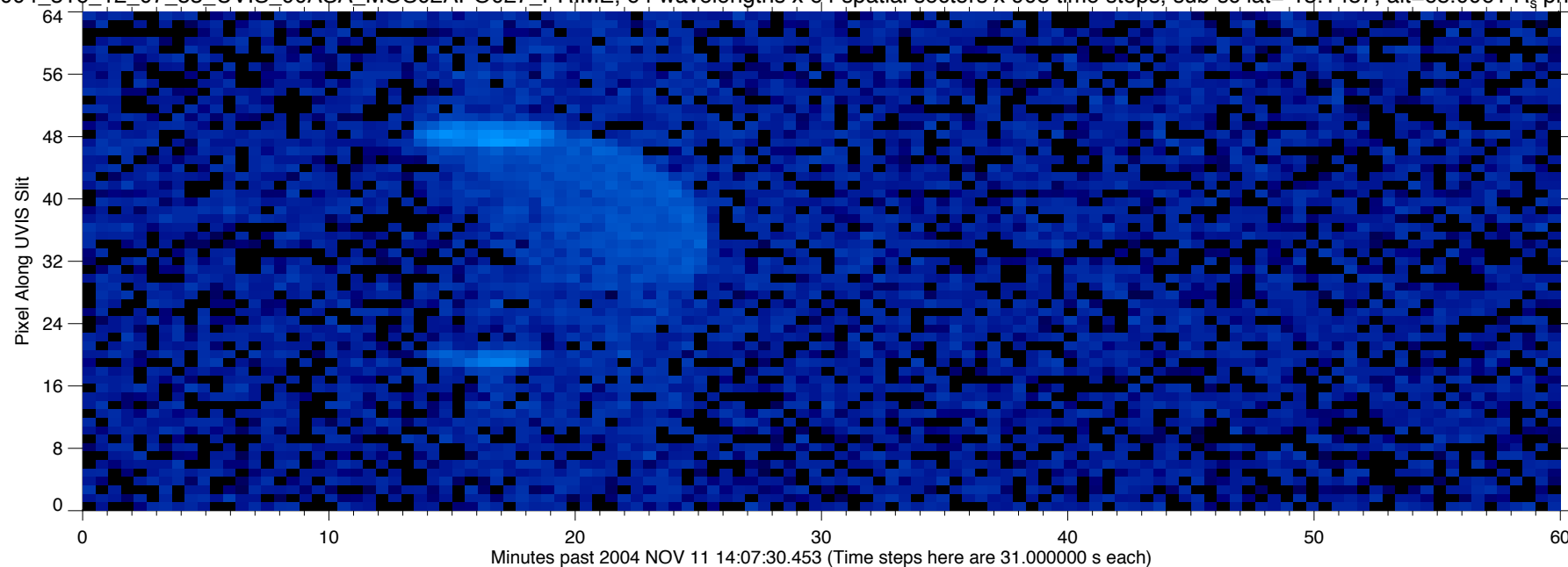
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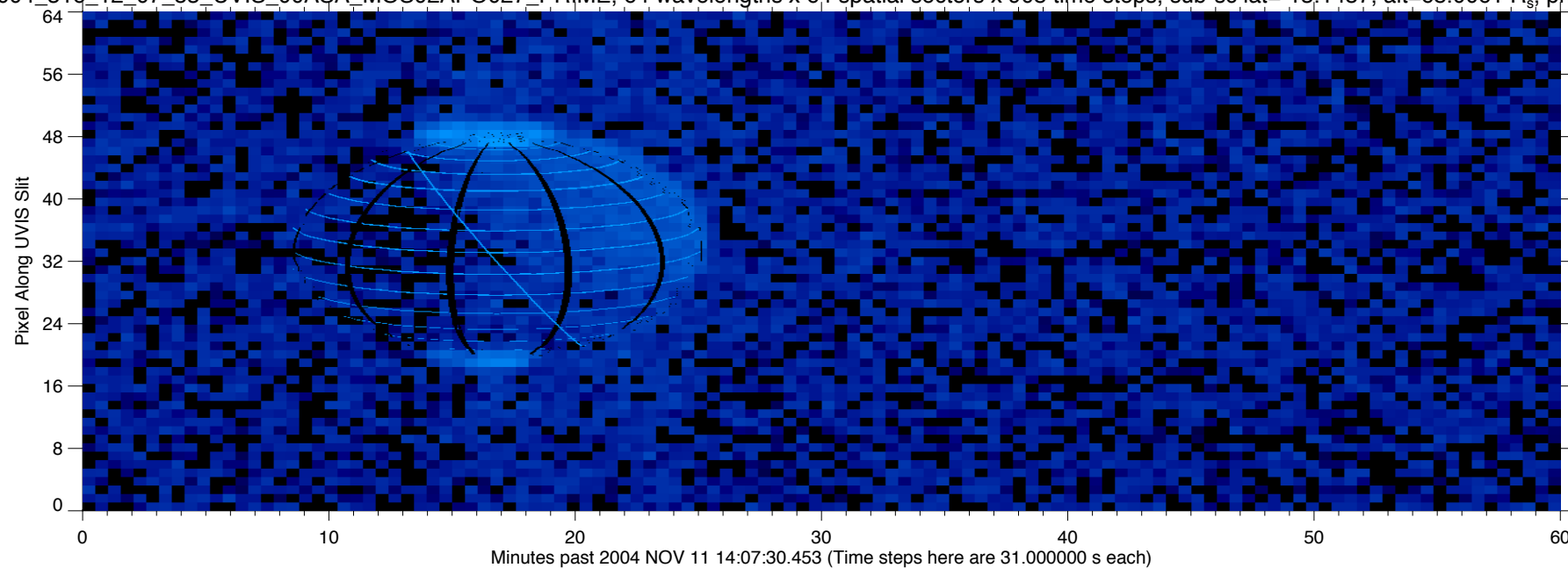
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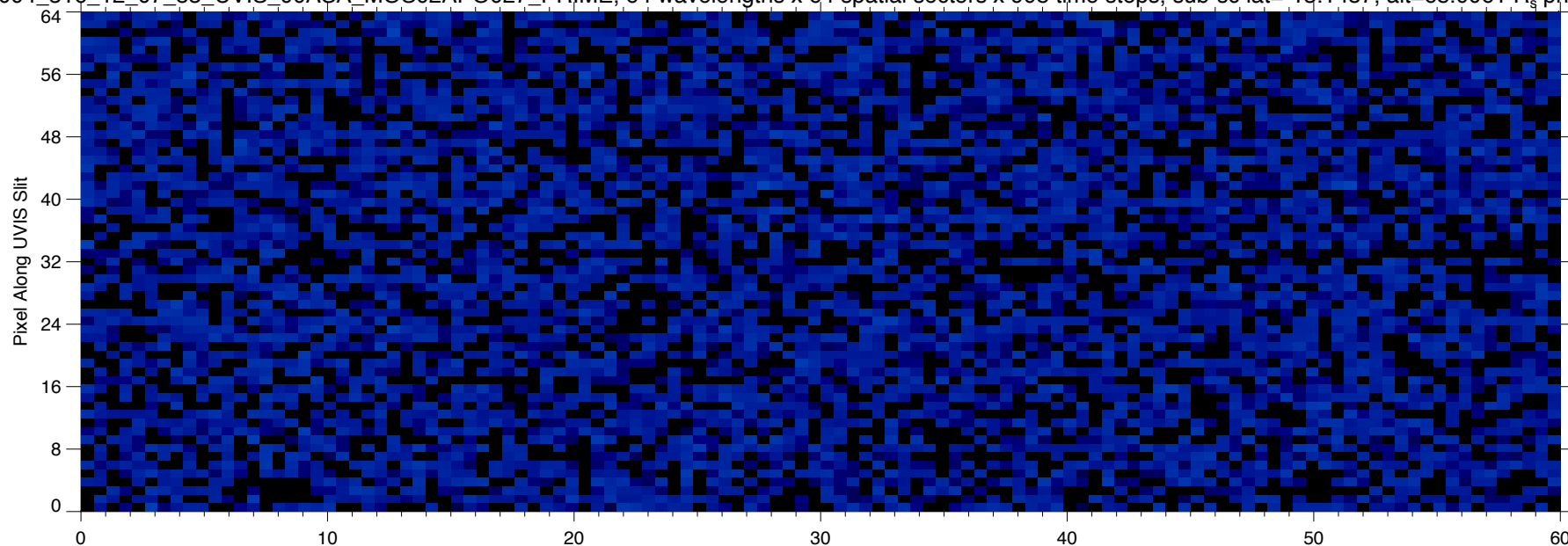
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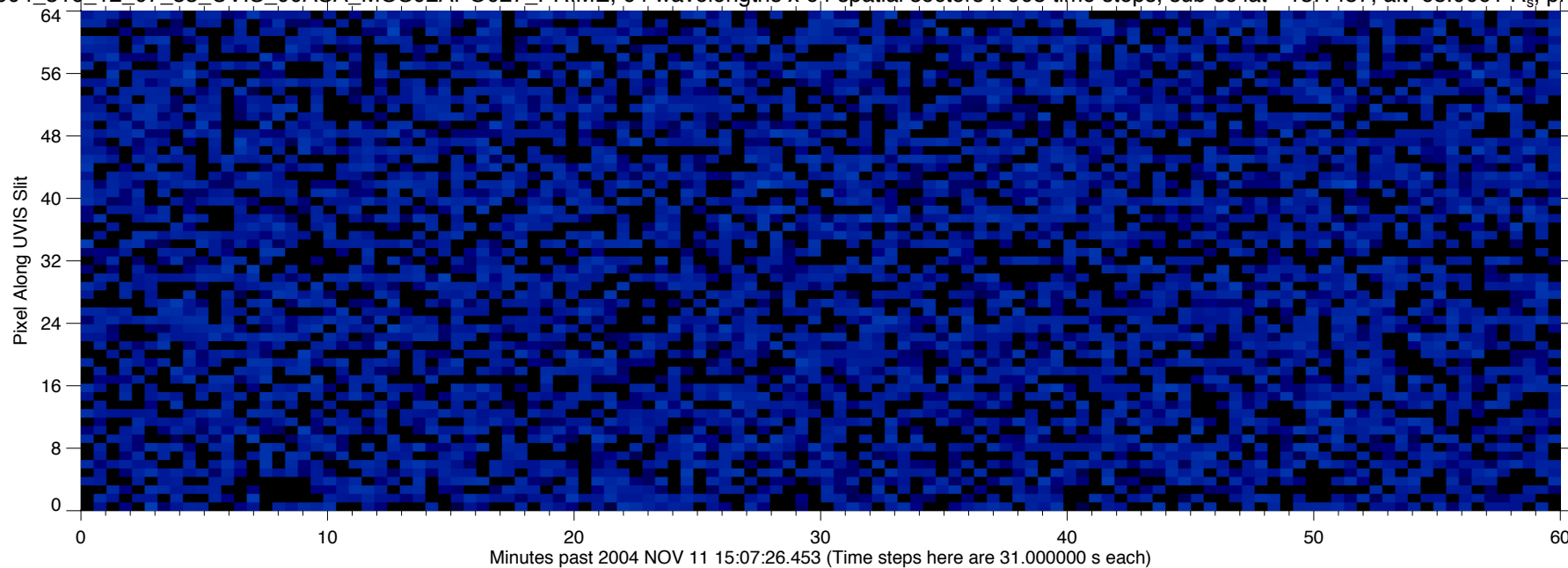
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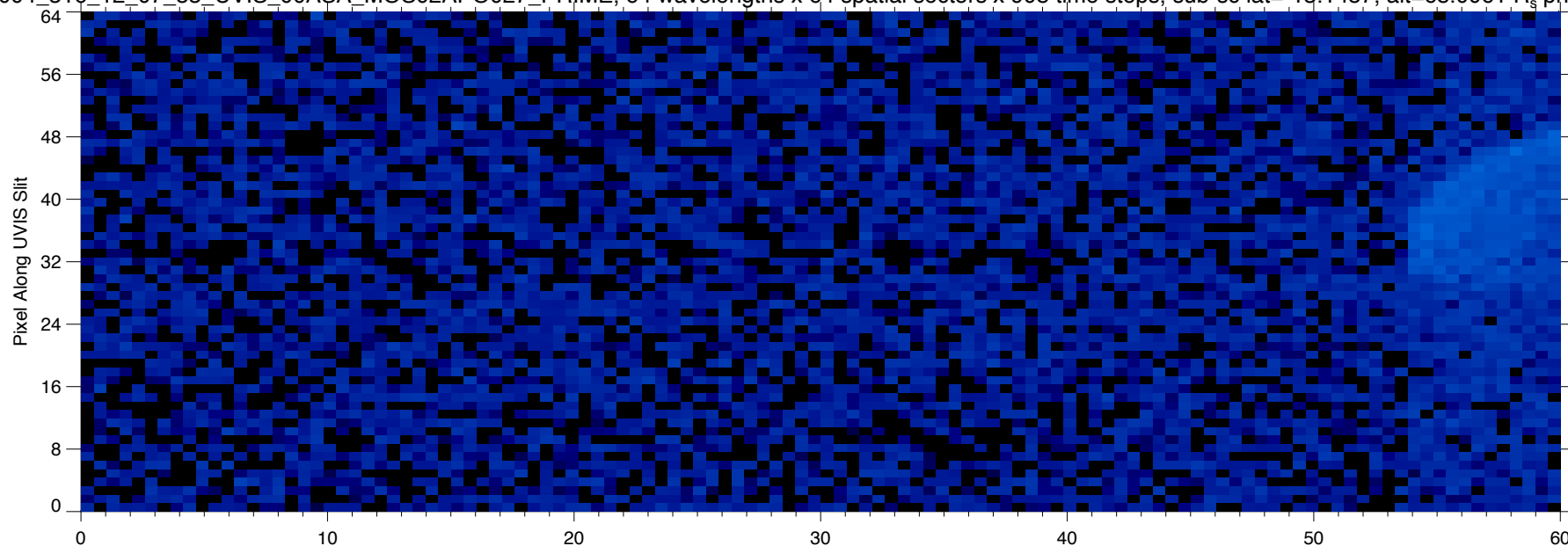
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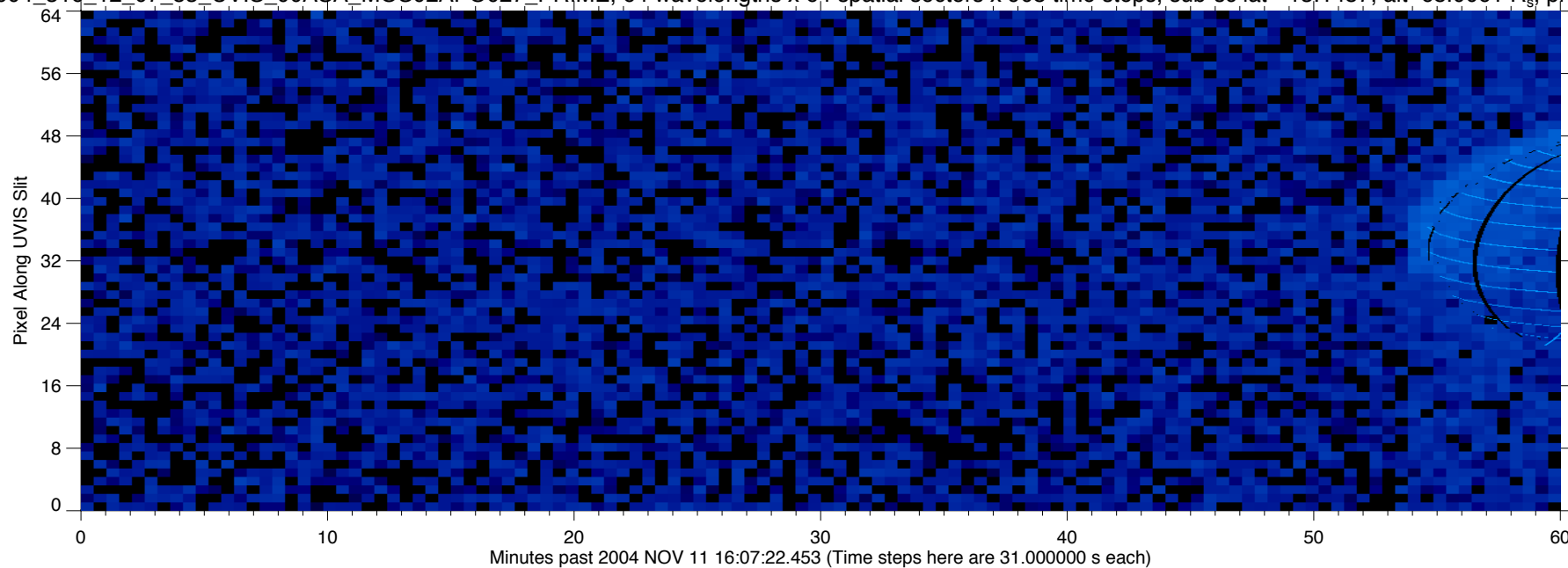
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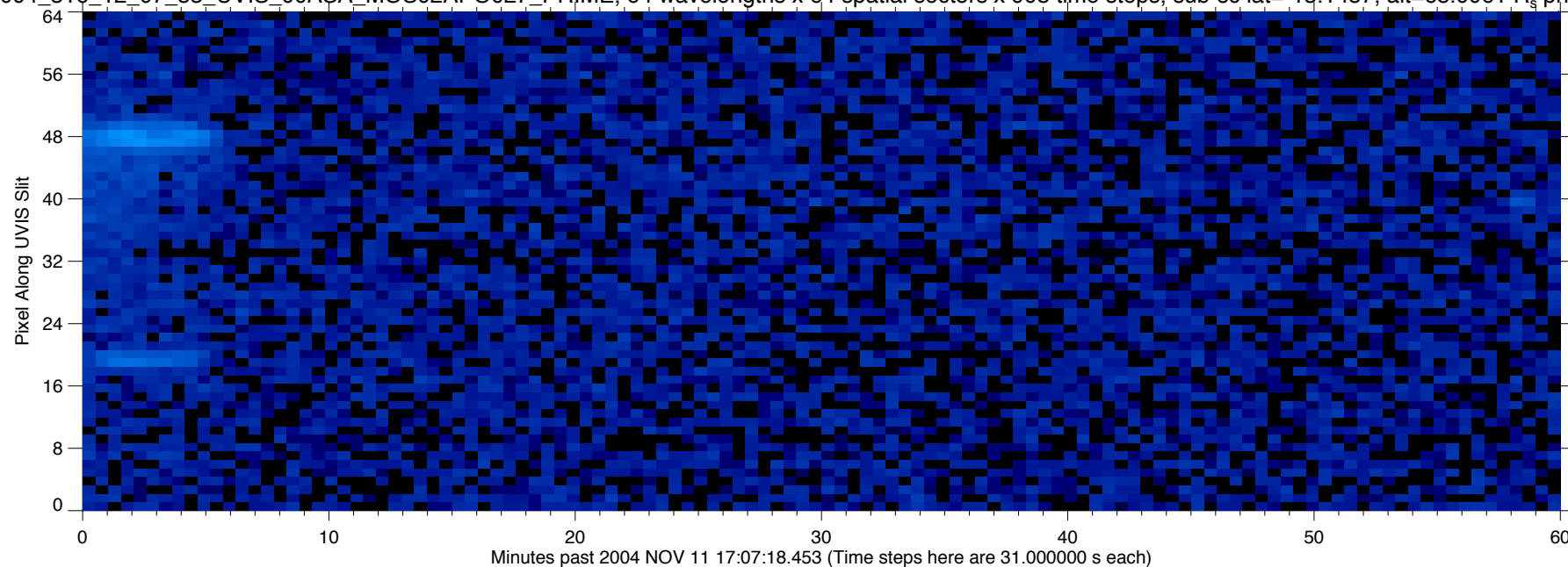
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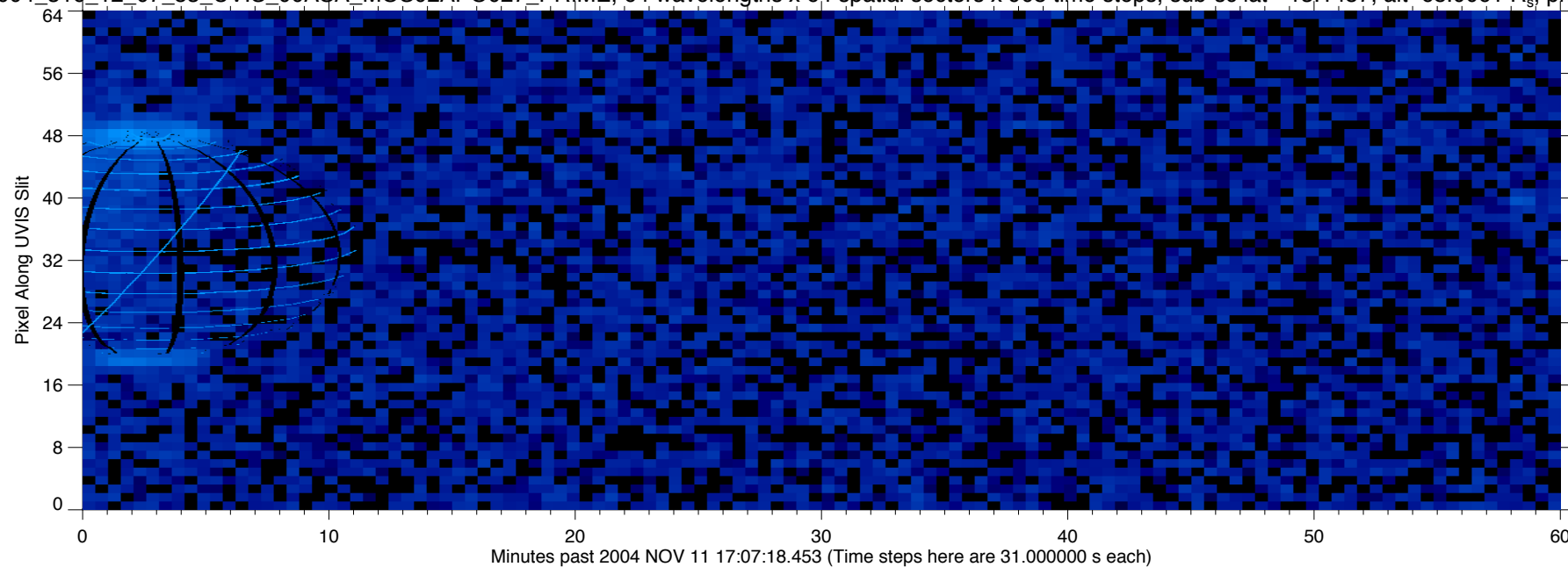
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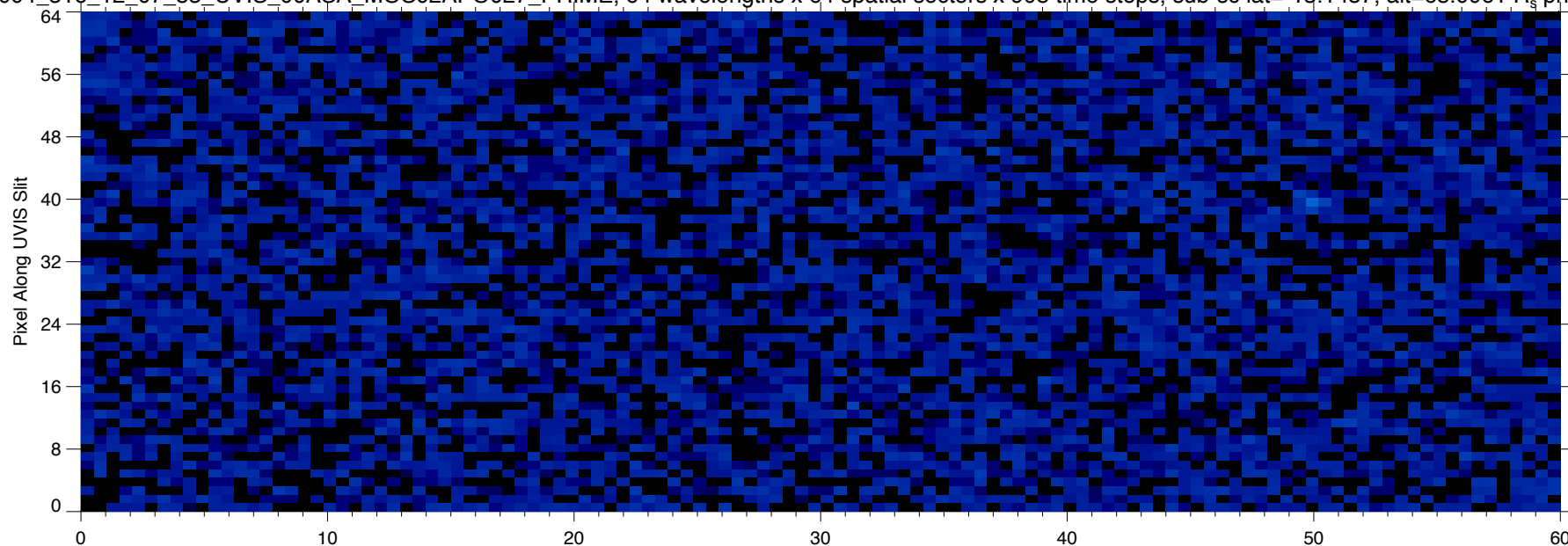
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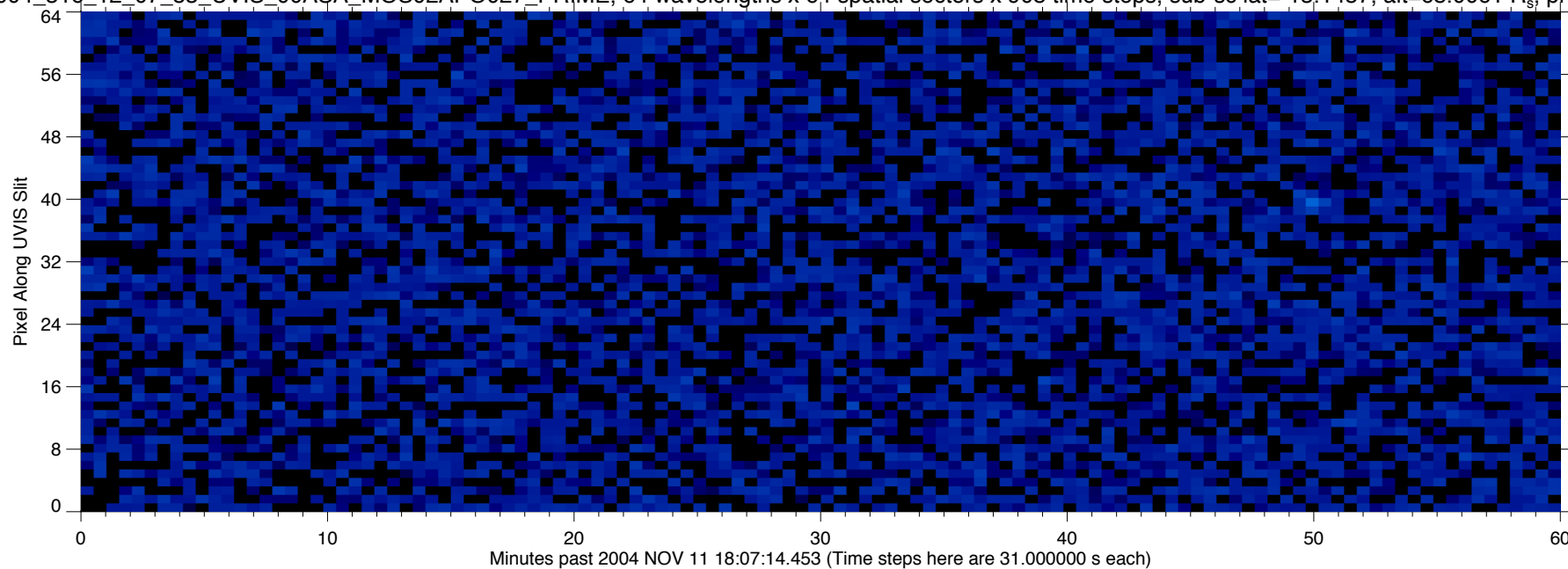
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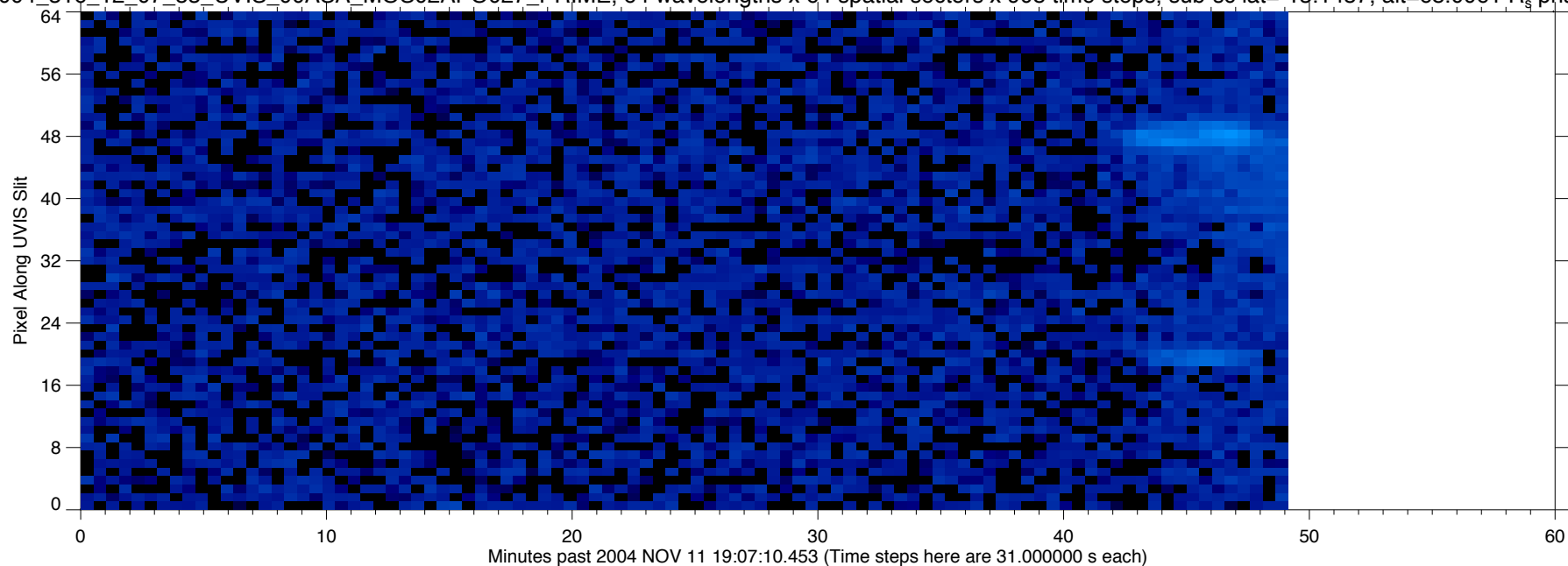
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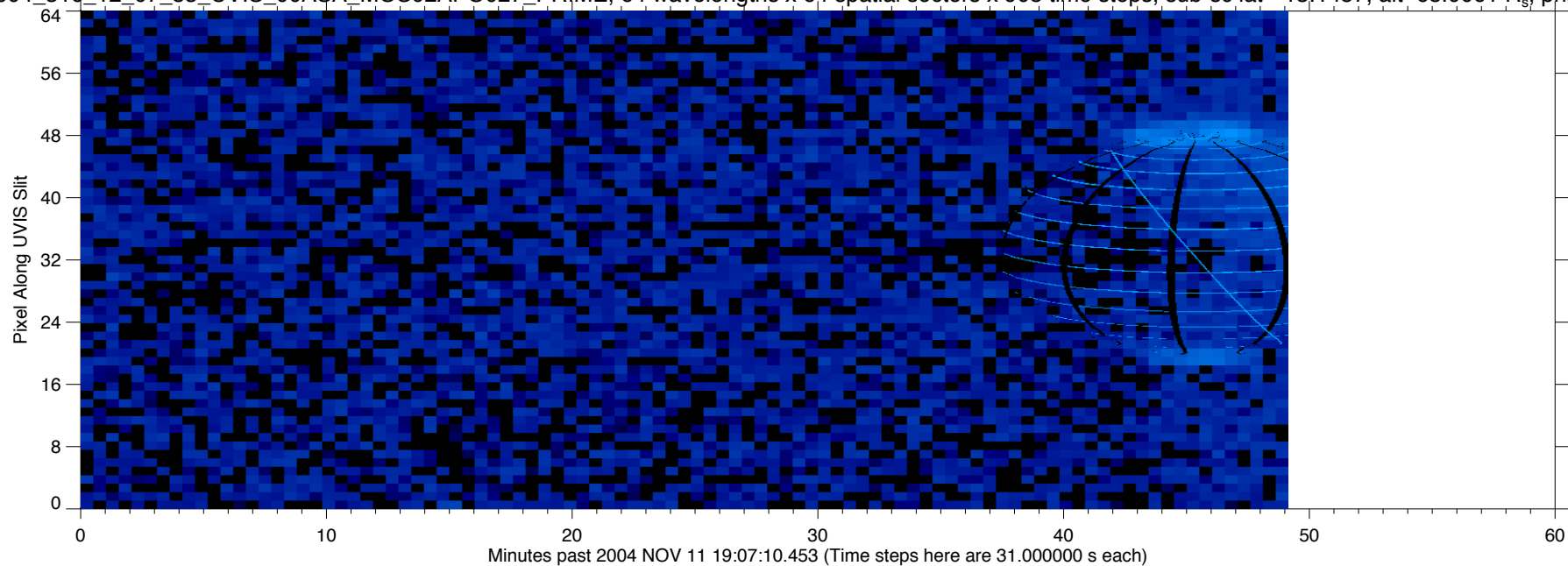
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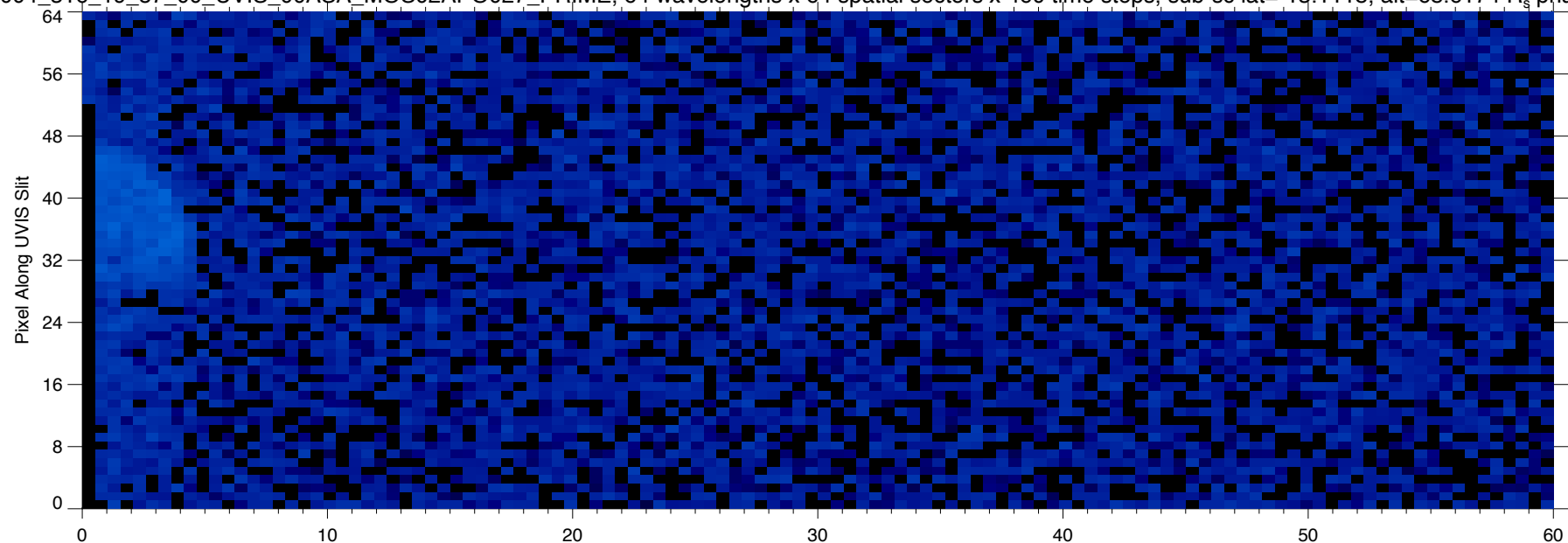
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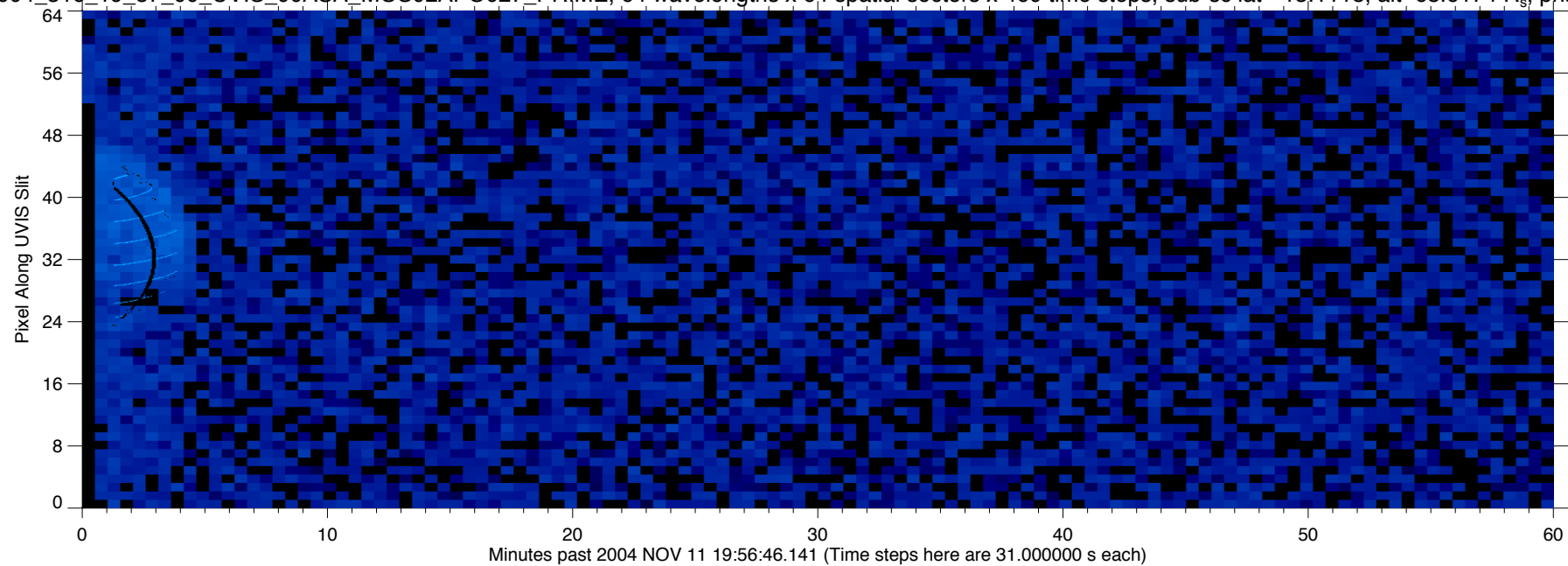
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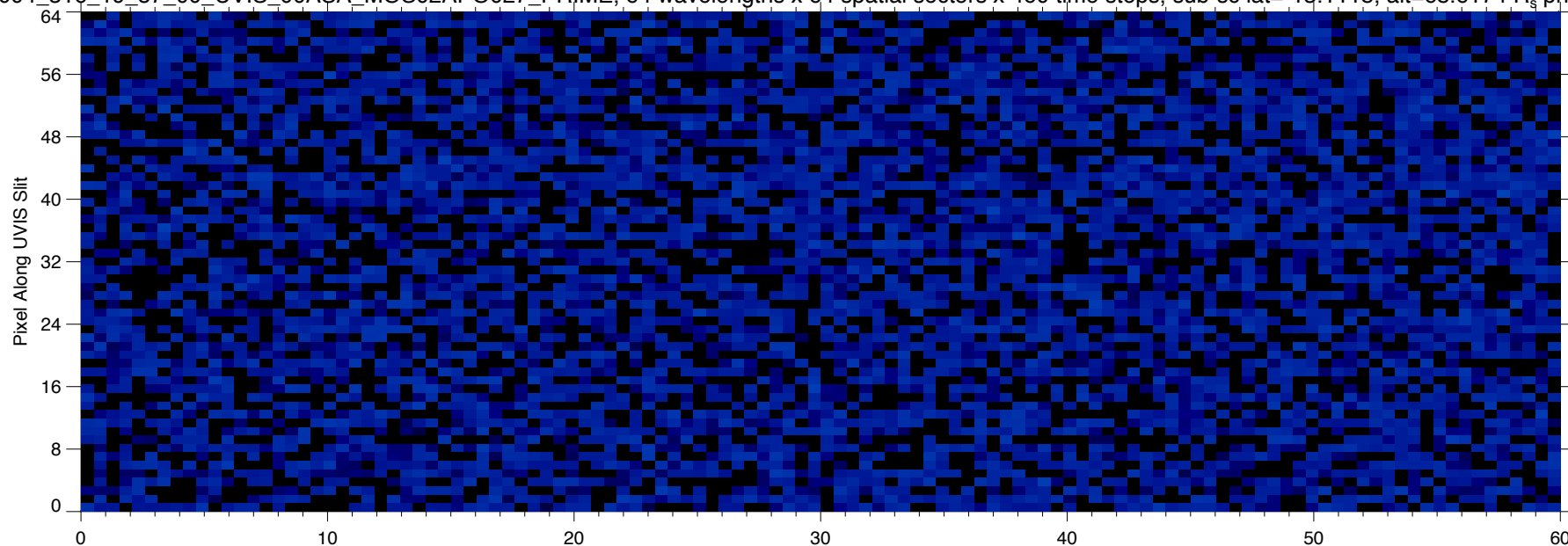
FUV2004_316_19_57_00_UVIS_00ASA_MOS02APO027_PRIME, 64 wavelengths x 64 spatial sectors x 460 time steps, sub-sc lat=-13.1118, alt=68.6174 R_s, phase=87.2935



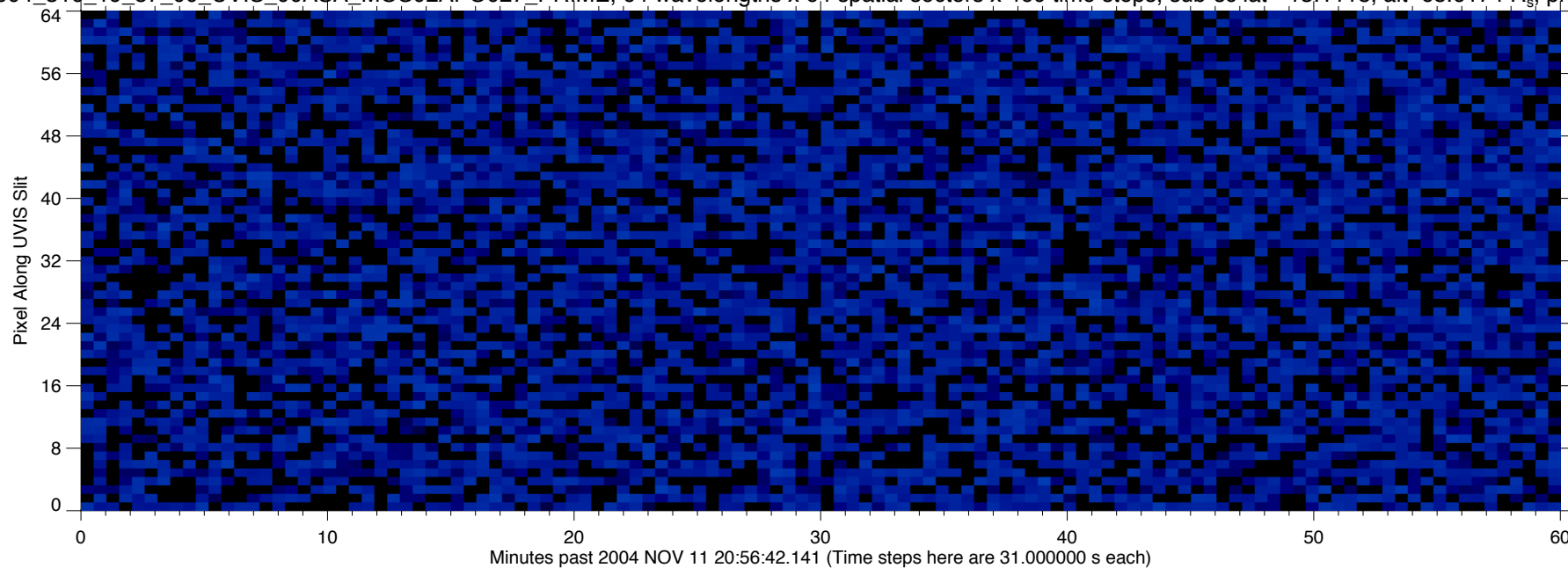
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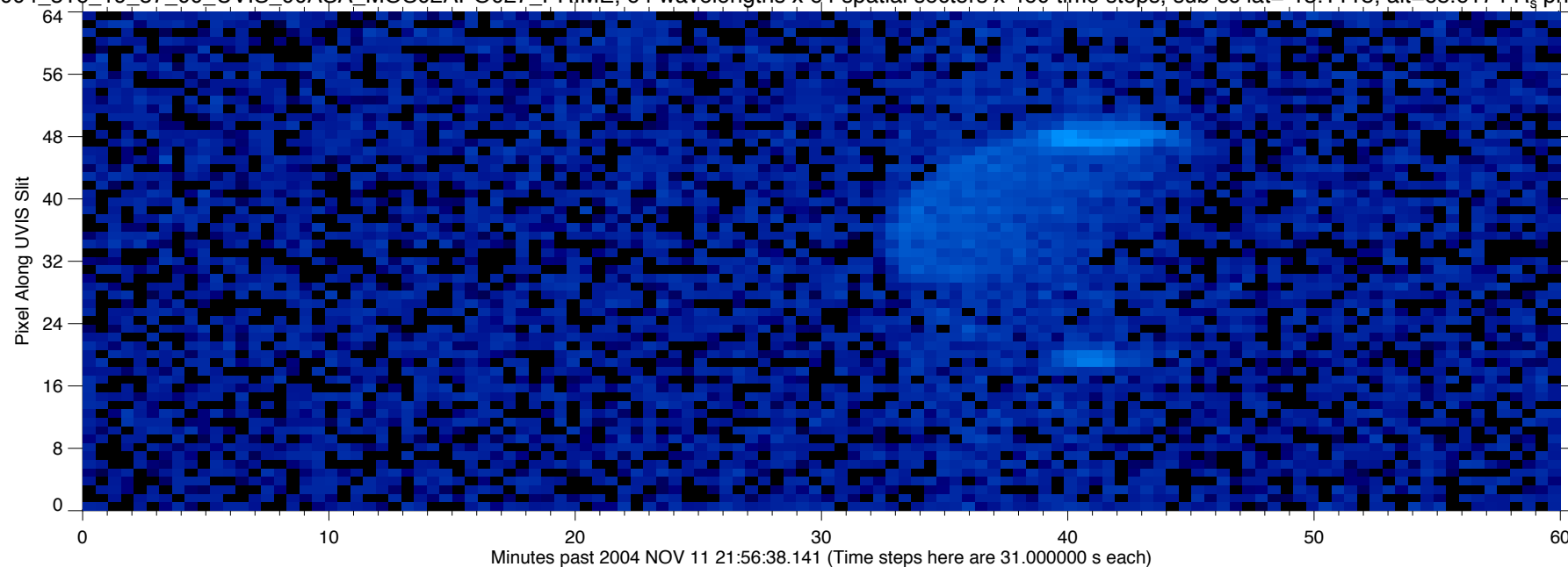
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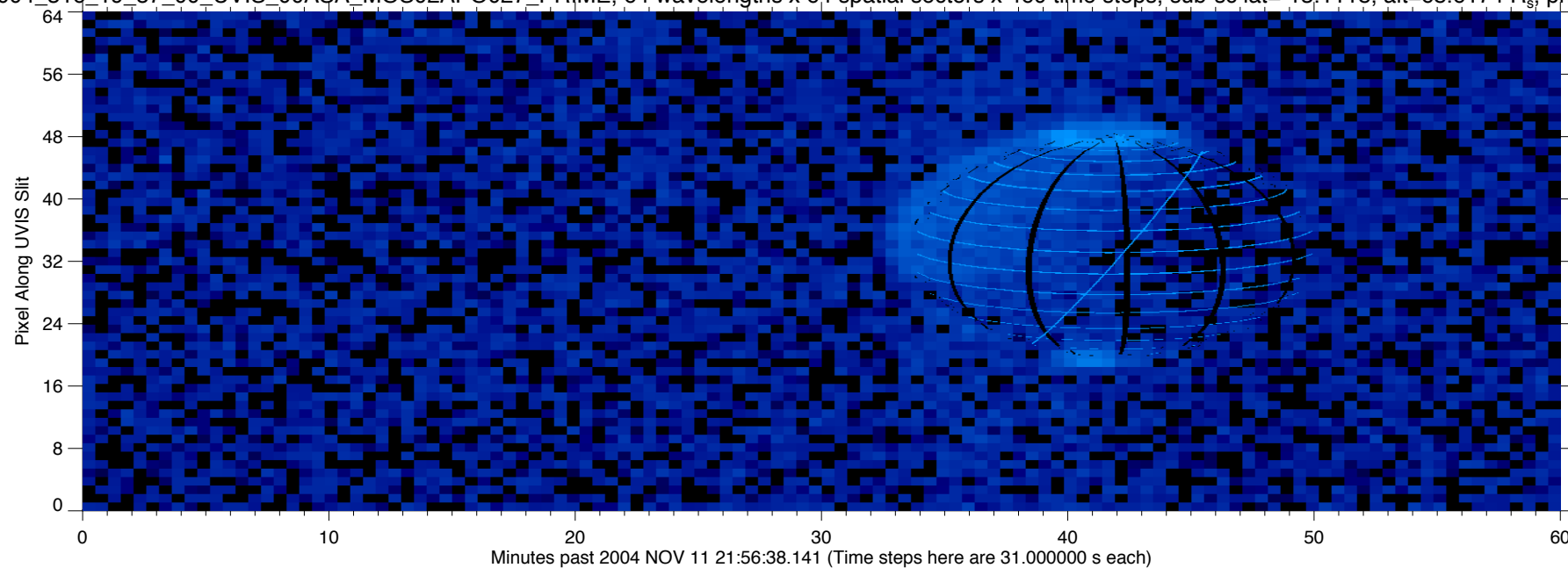
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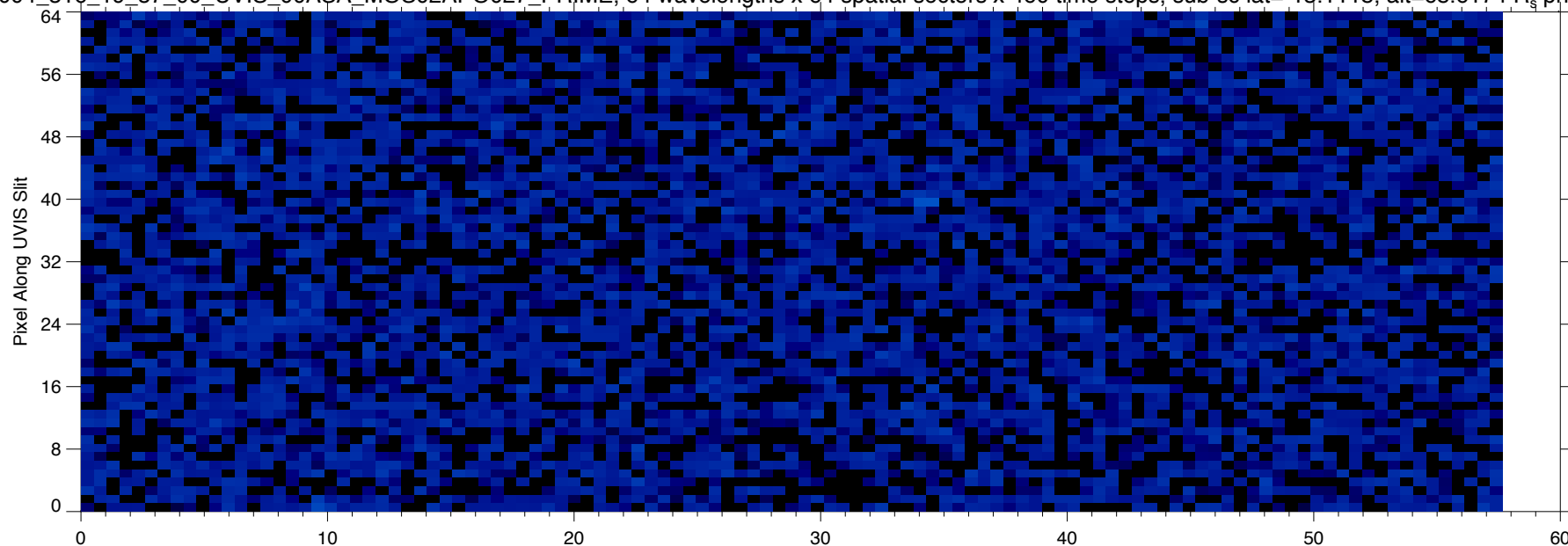
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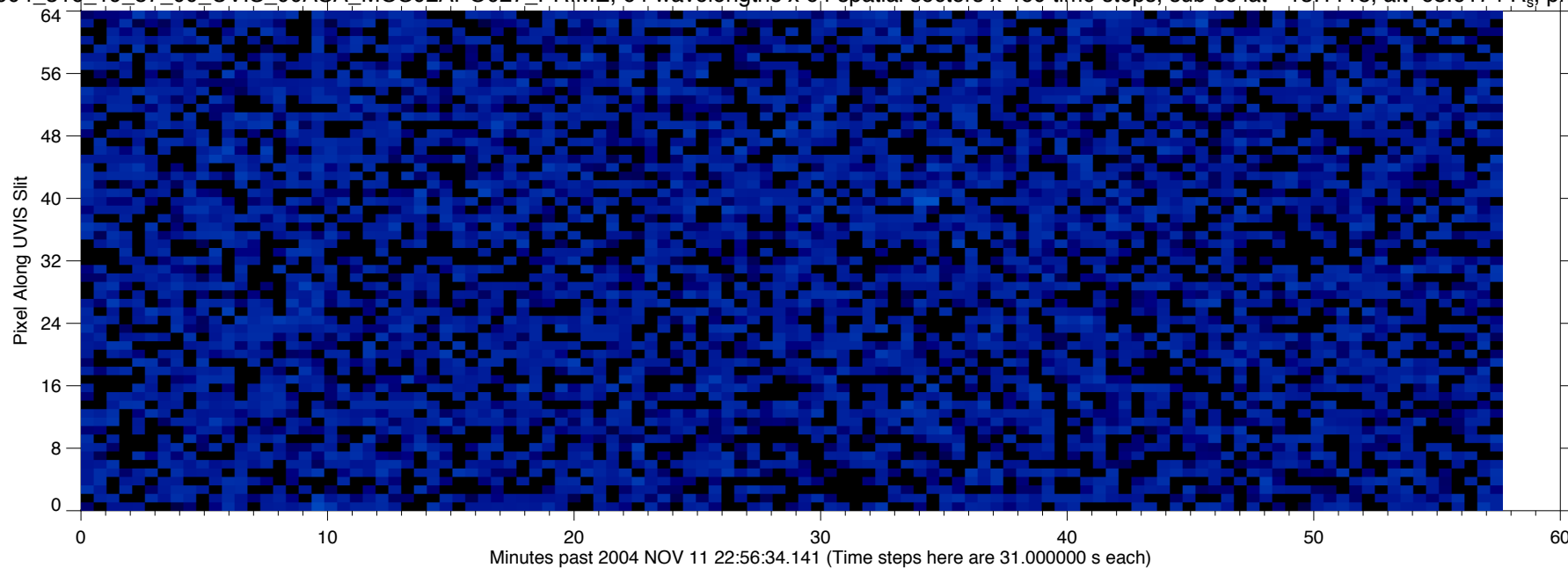
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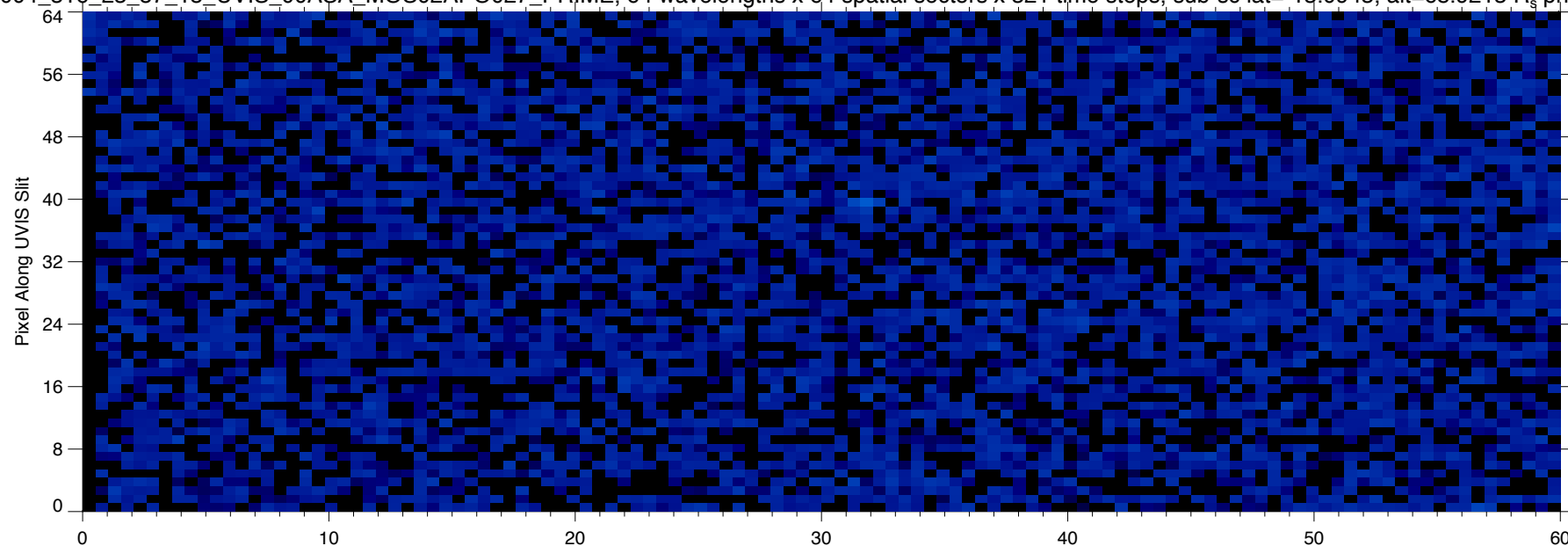
FUV2004_316_19_57_00_UVIS_00ASA_MOS02APO027_PRIME, 64 wavelengths x 64 spatial sectors x 460 time steps, sub-sc lat=-13.1118, alt=68.6174 R_s phase=87.2935



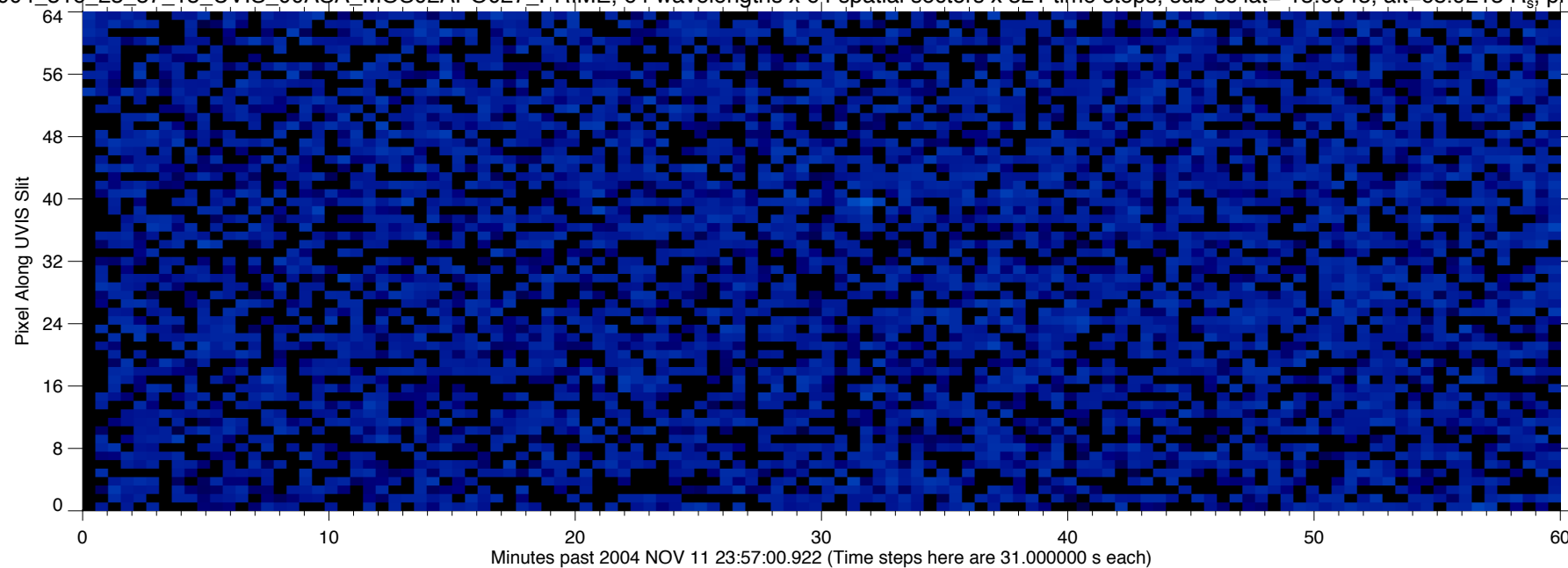
FUV2004_316_19_57_00_UVIS_00ASA_MOS02APO027_PRIME, 64 wavelengths x 64 spatial sectors x 460 time steps, sub-sc lat=-13.1118, alt=68.6174 R_s phase=87.2935



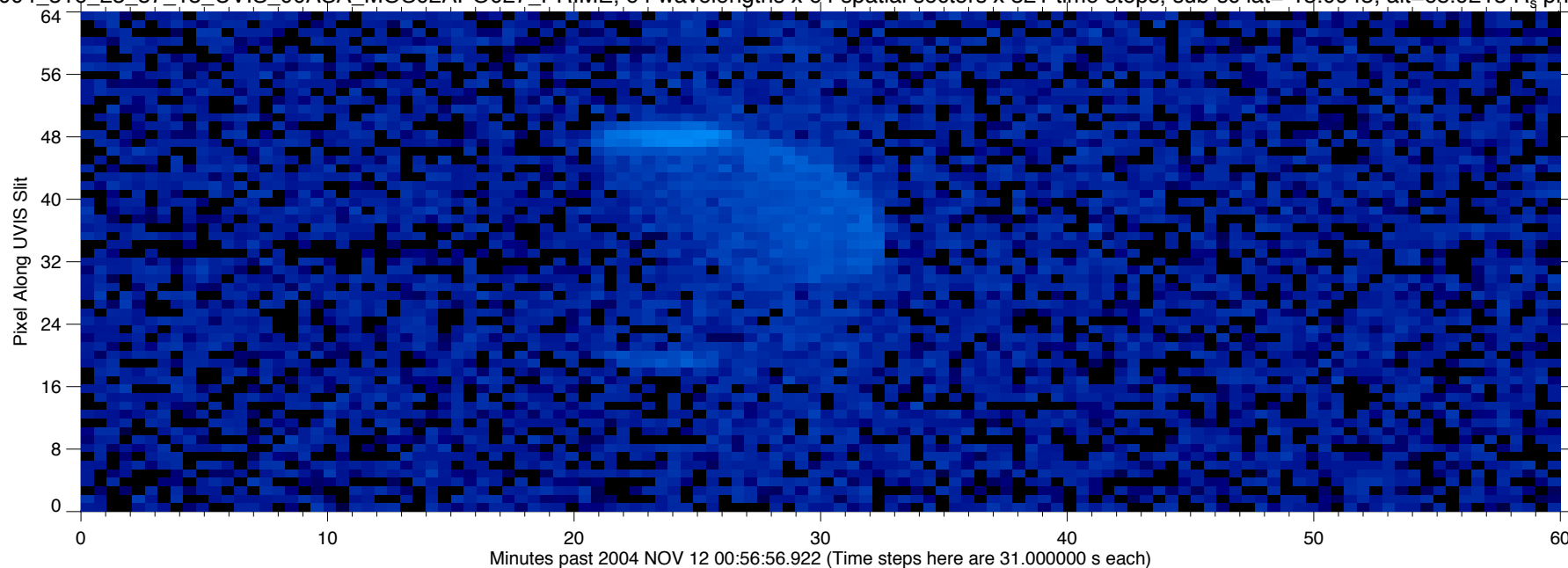
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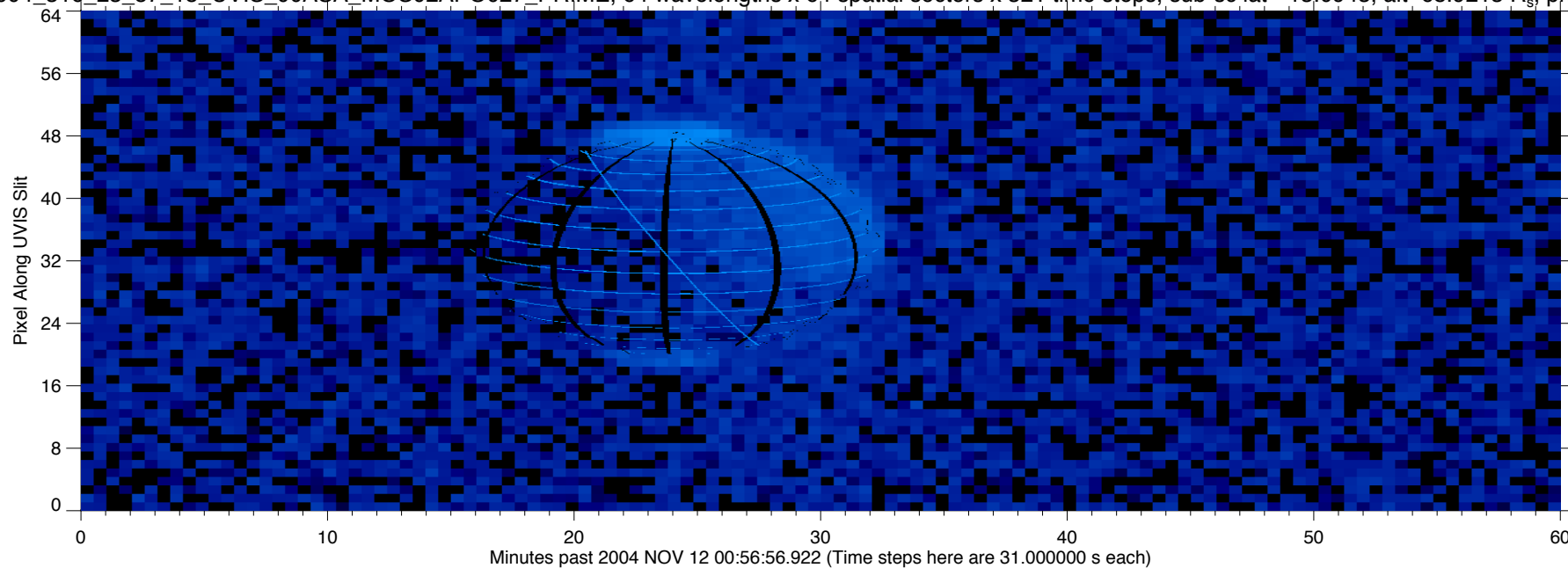
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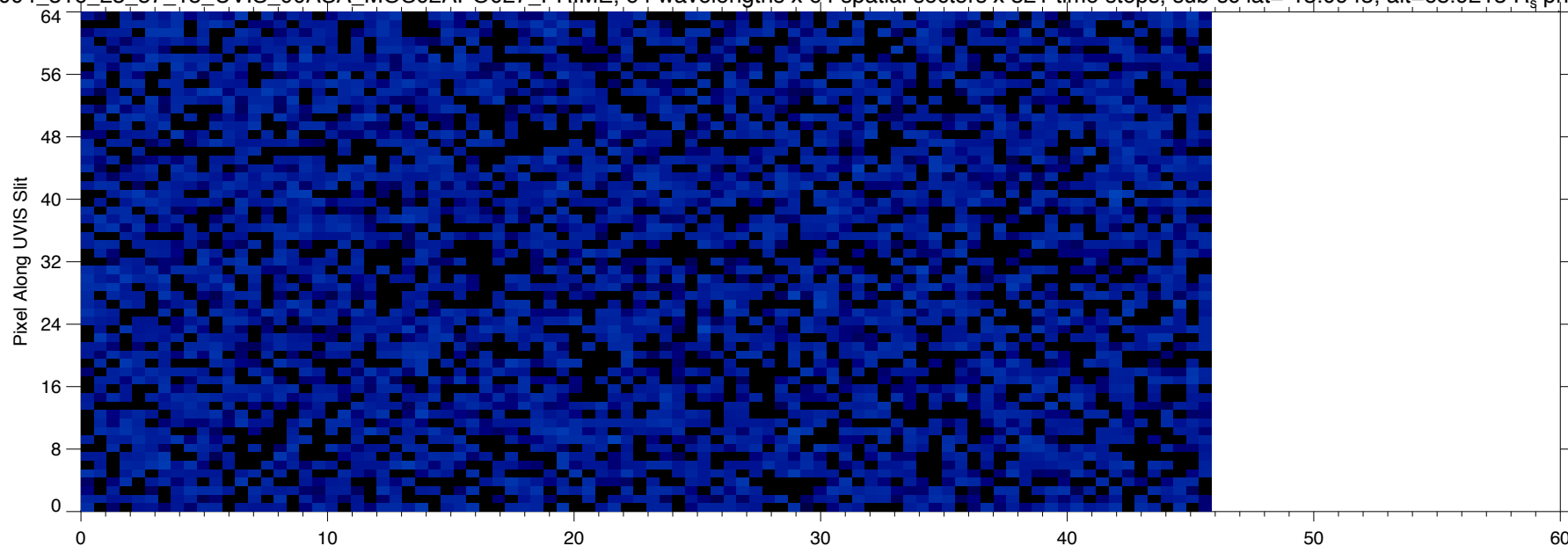
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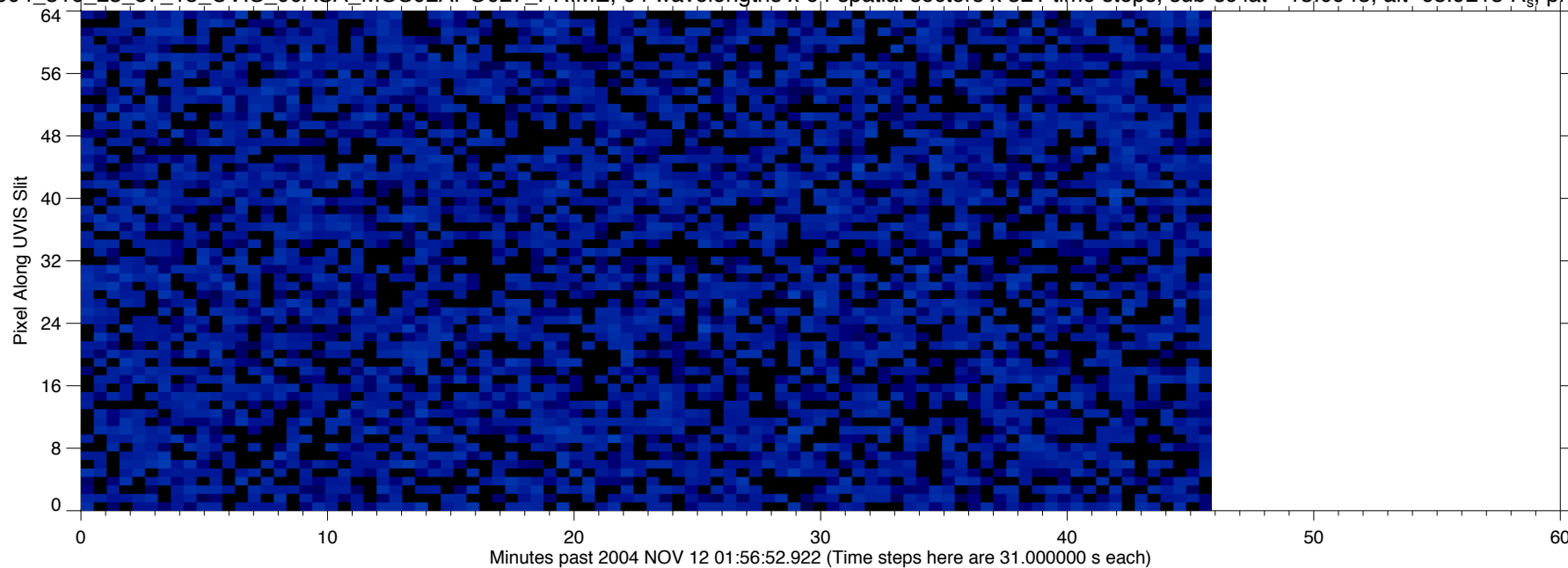
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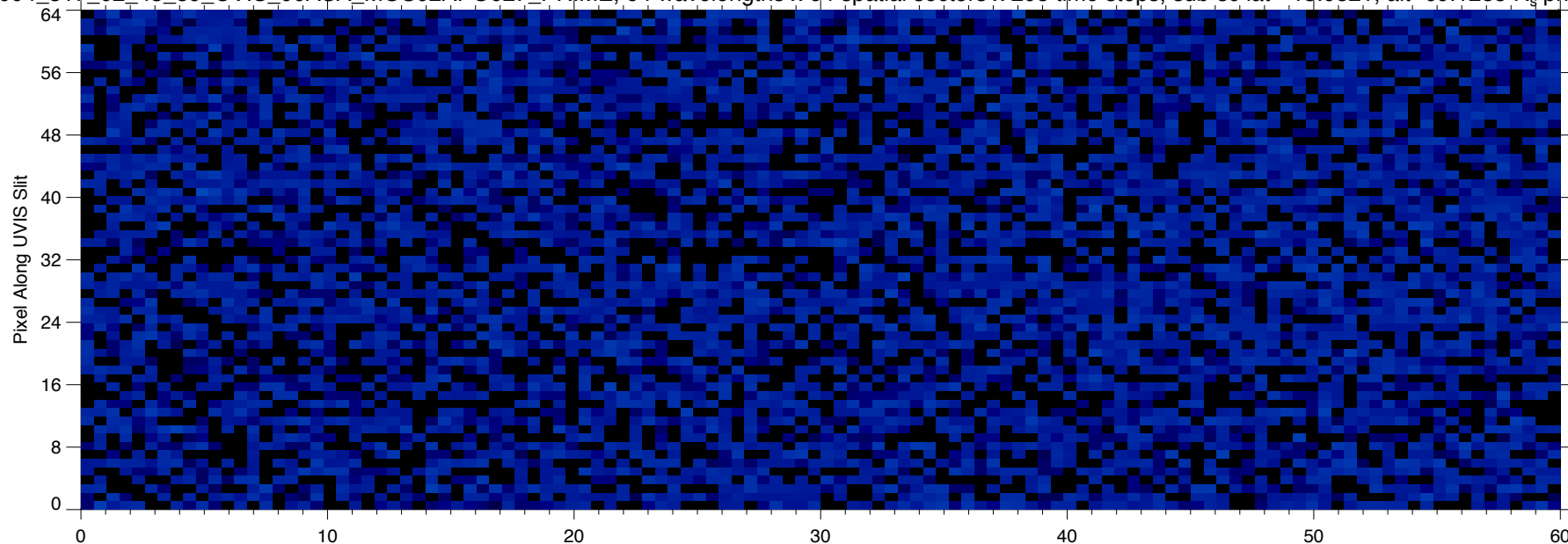
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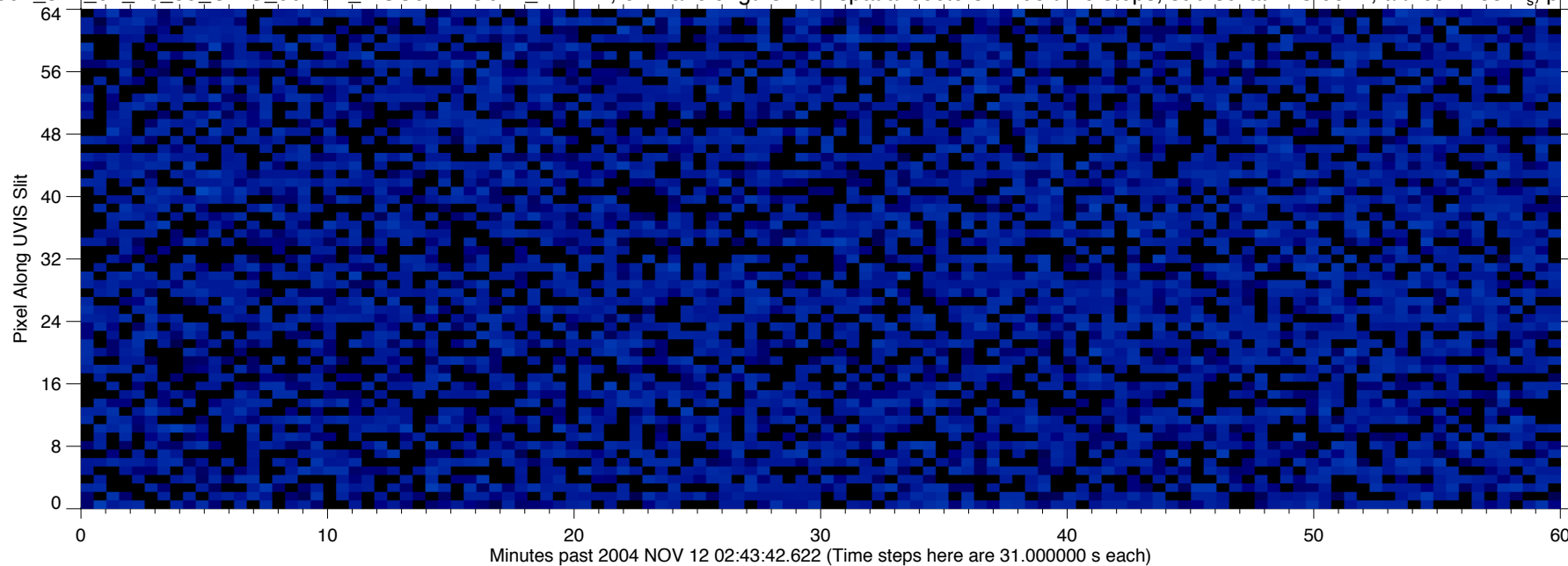
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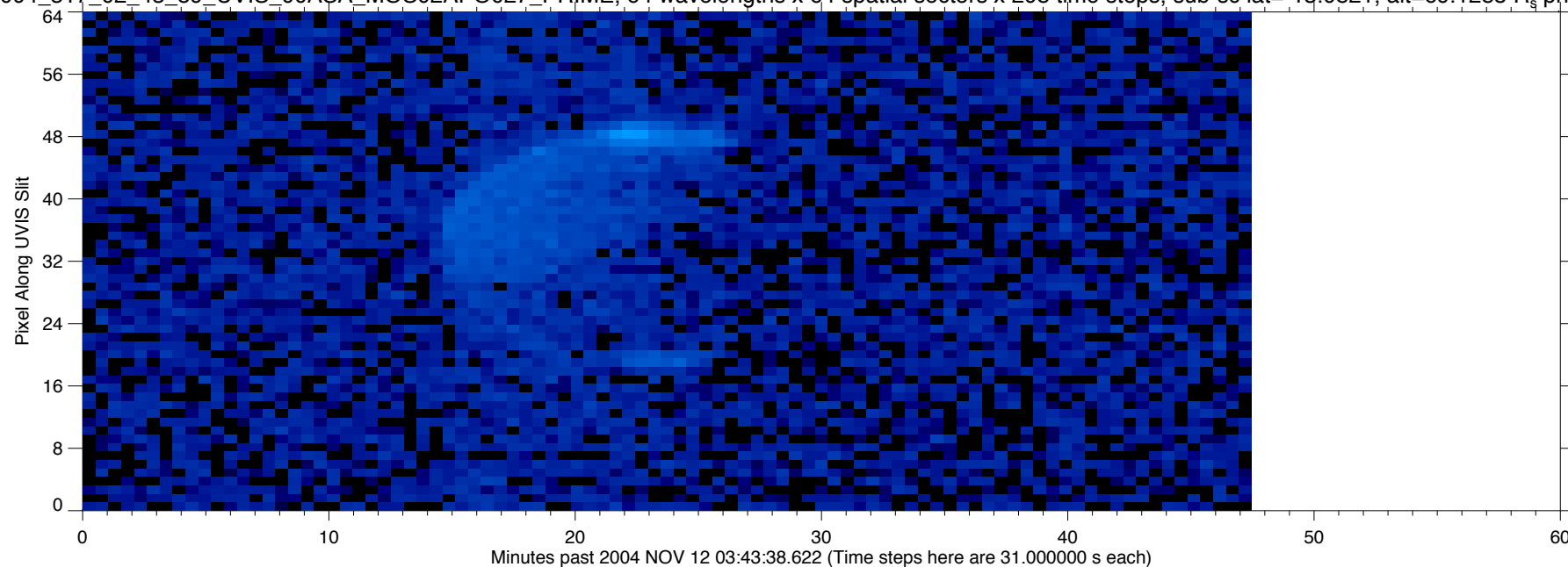
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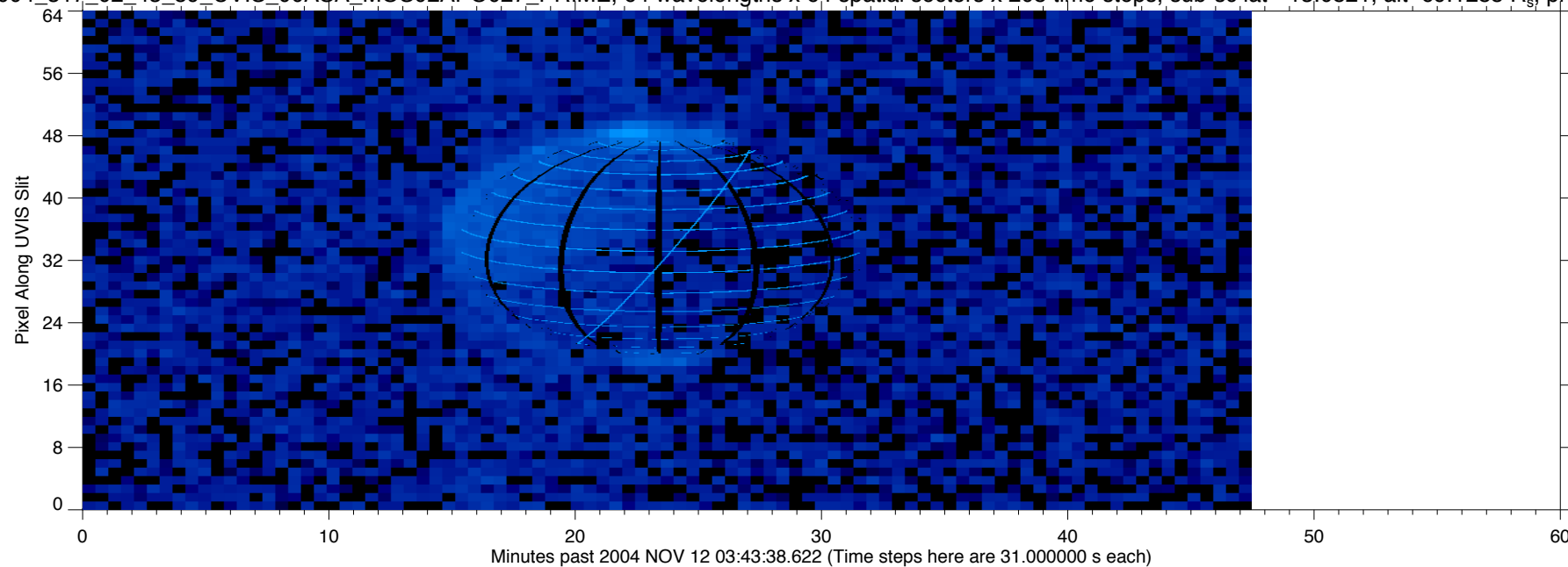
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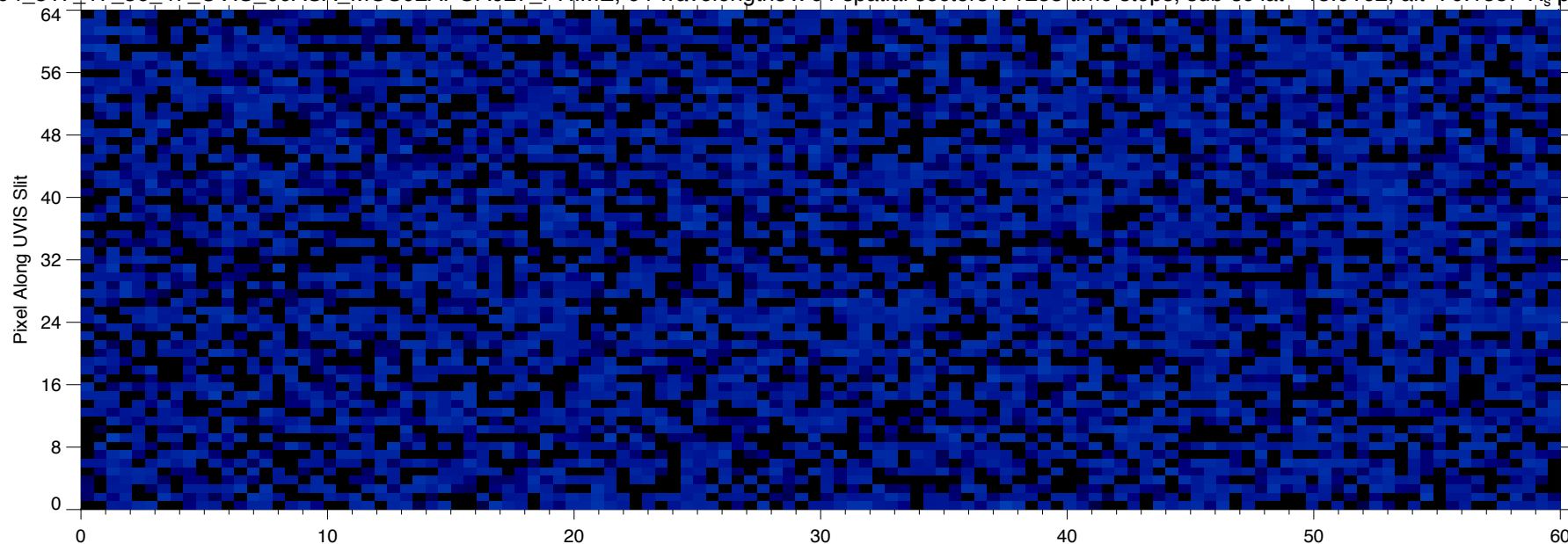
FUV2004_317_02_43_59_UVIS_00ASA_MOS02APO027_PRIME, 64 wavelengths x 64 spatial sectors x 208 time steps, sub-sc lat=-13.0821, alt=69.1285 R_s phase=86.9470



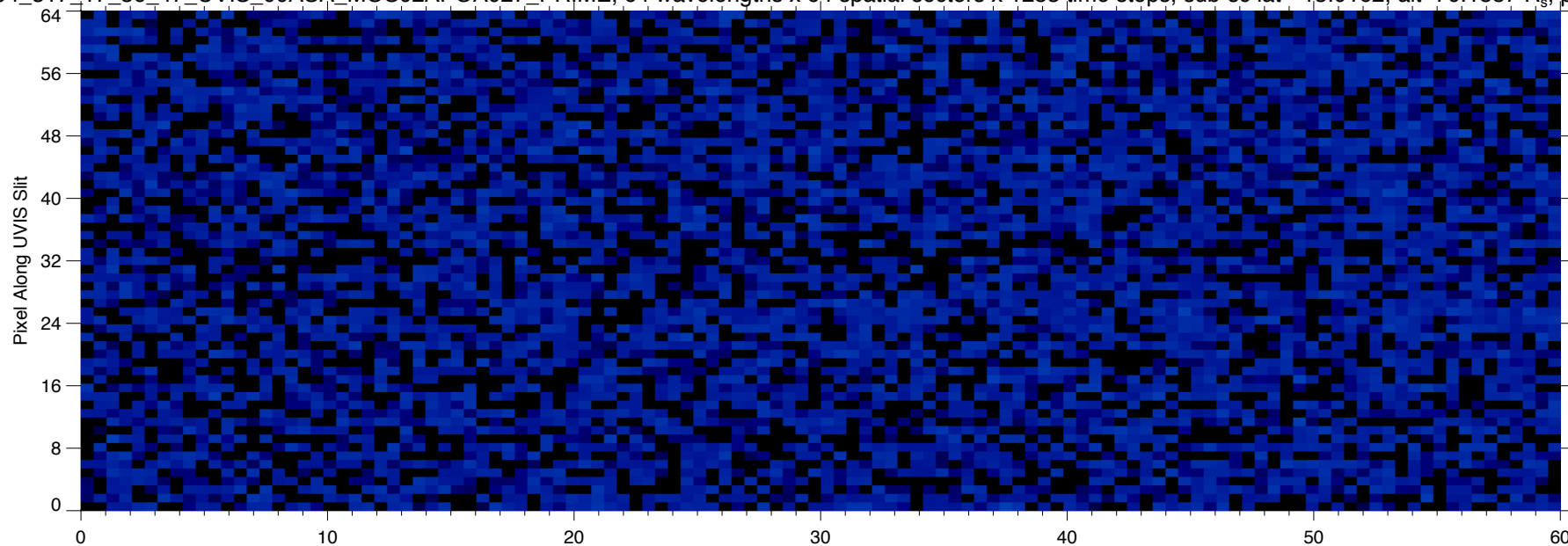
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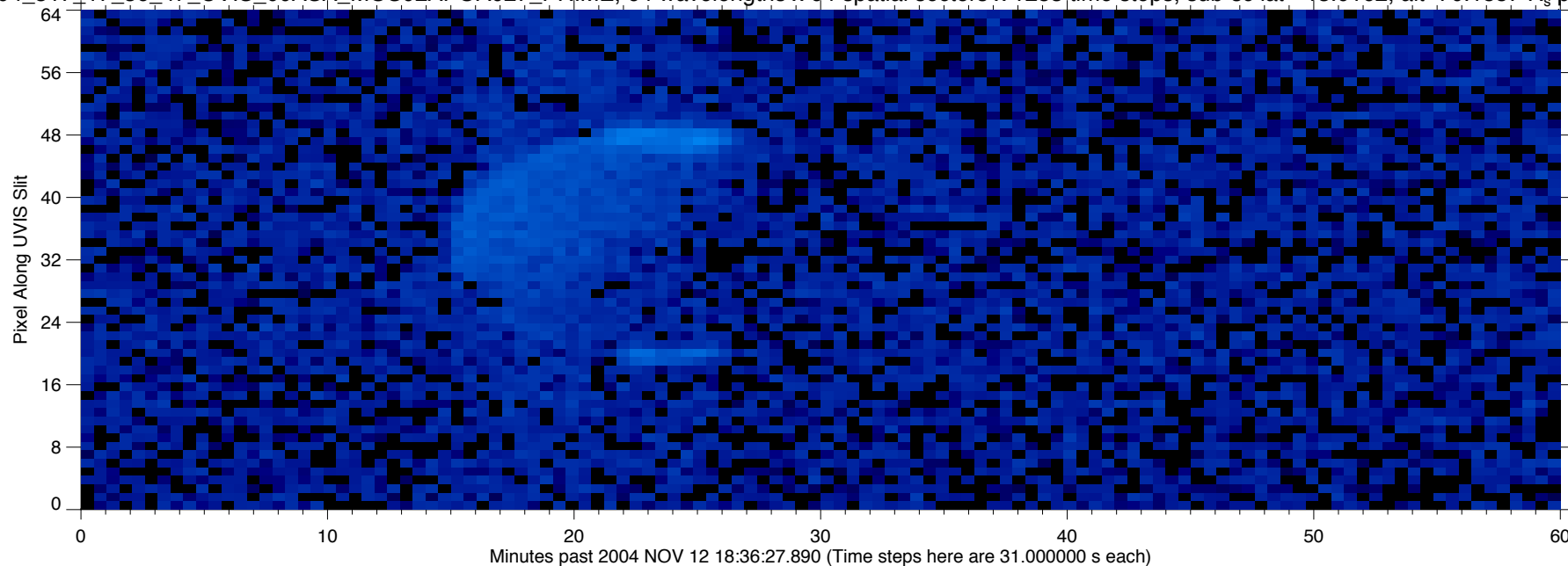
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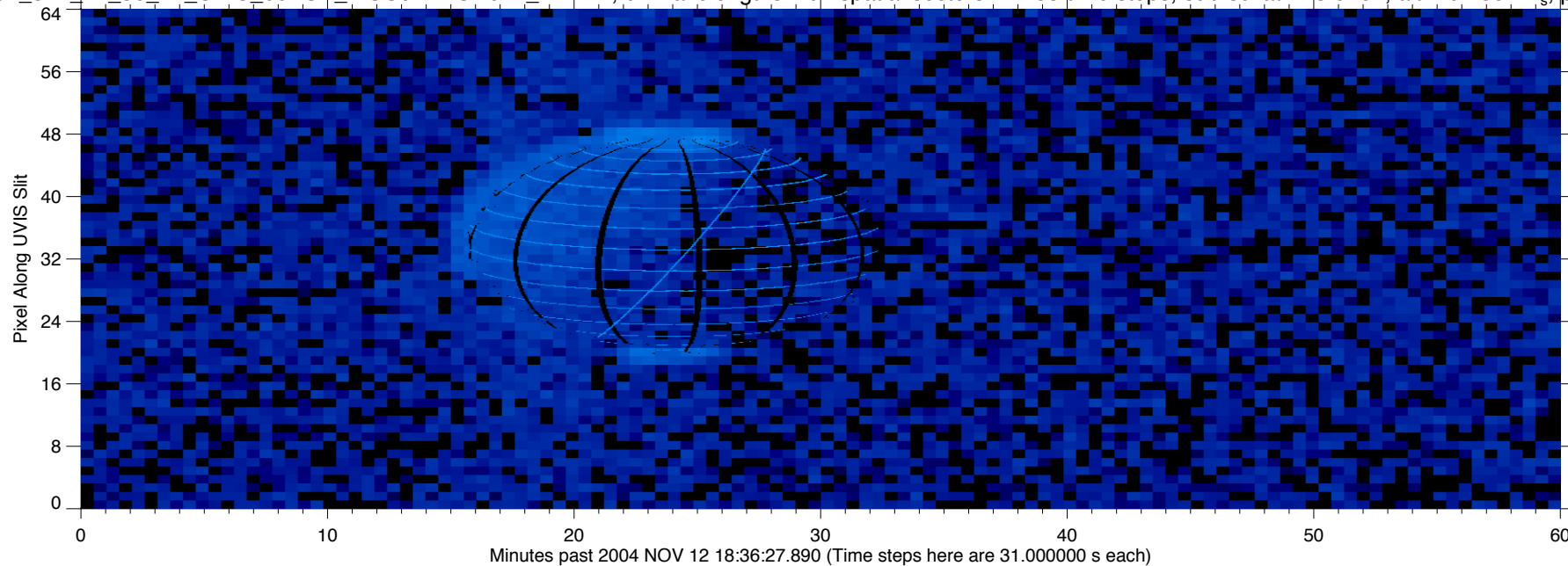
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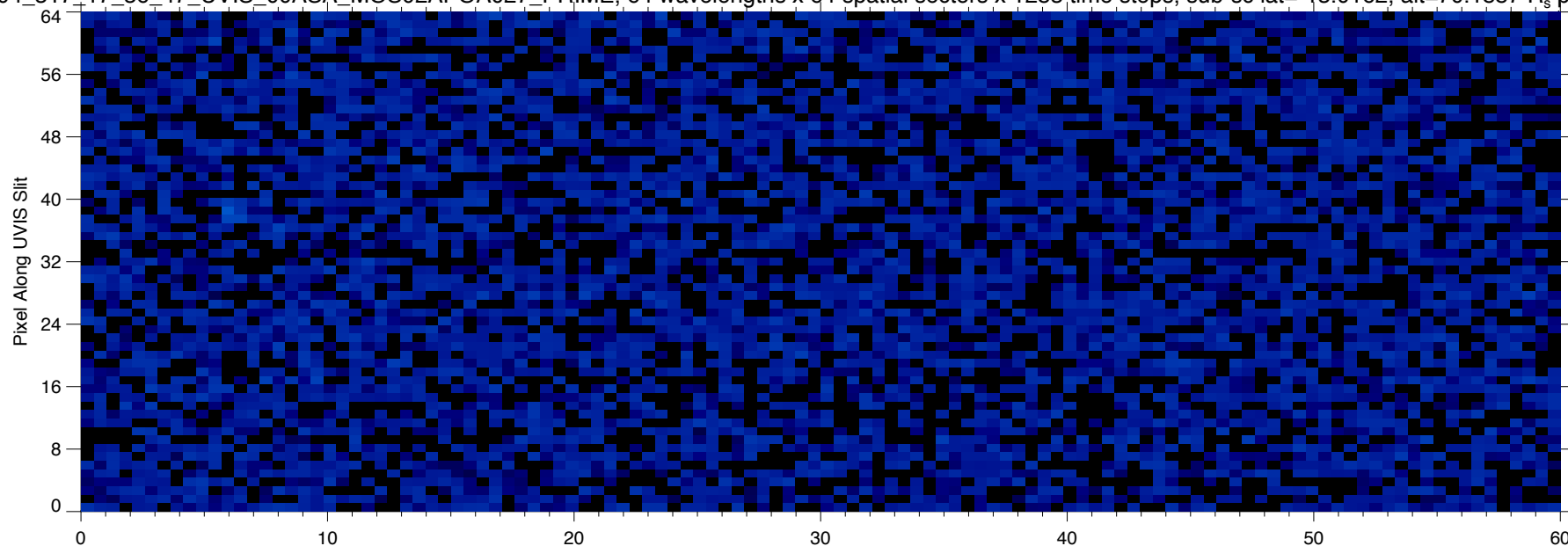
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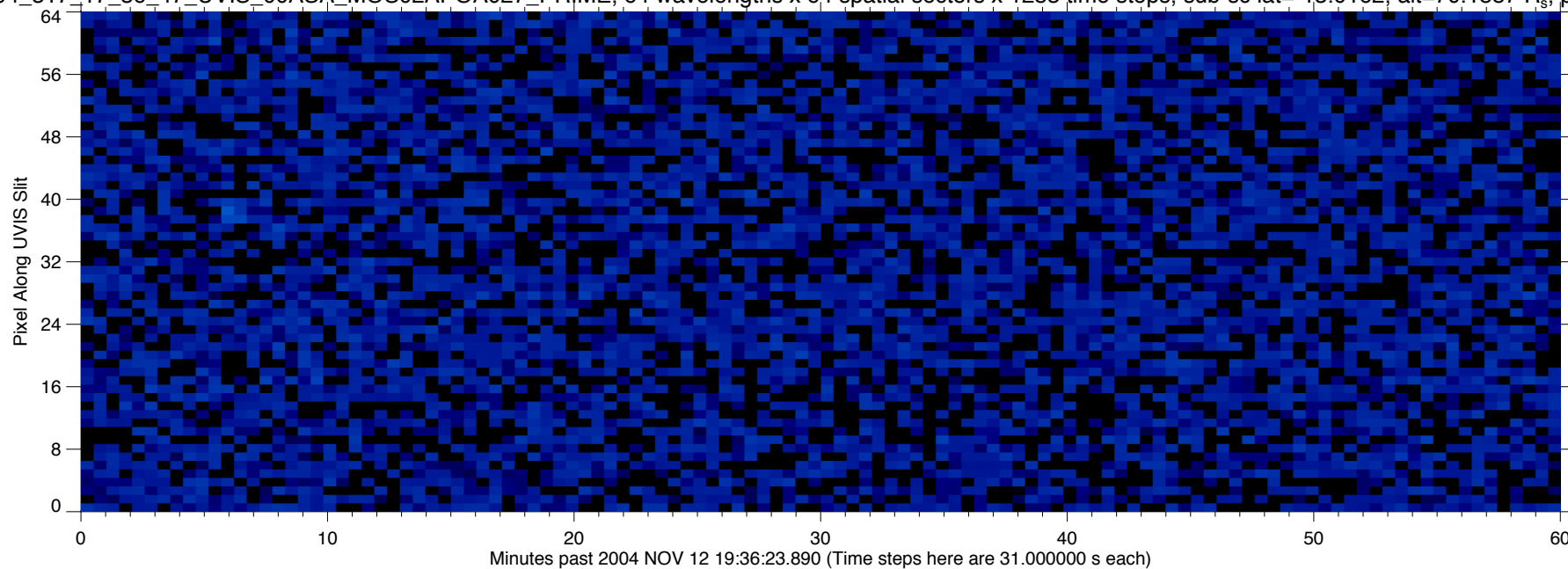
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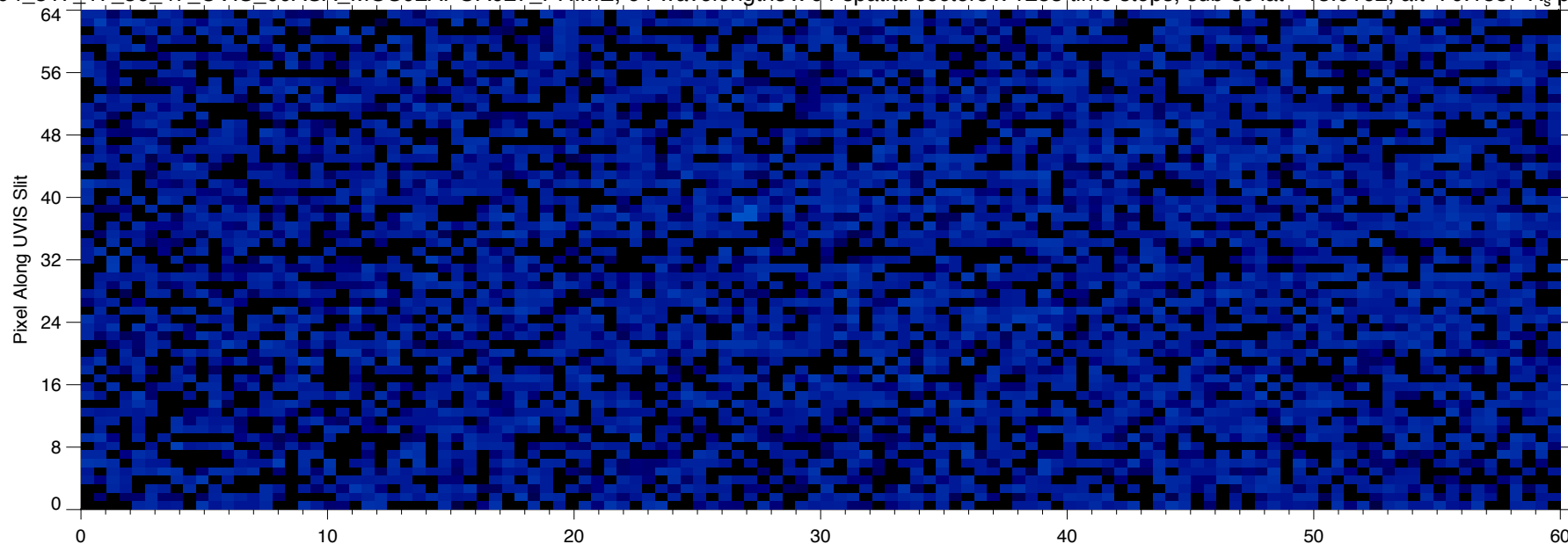
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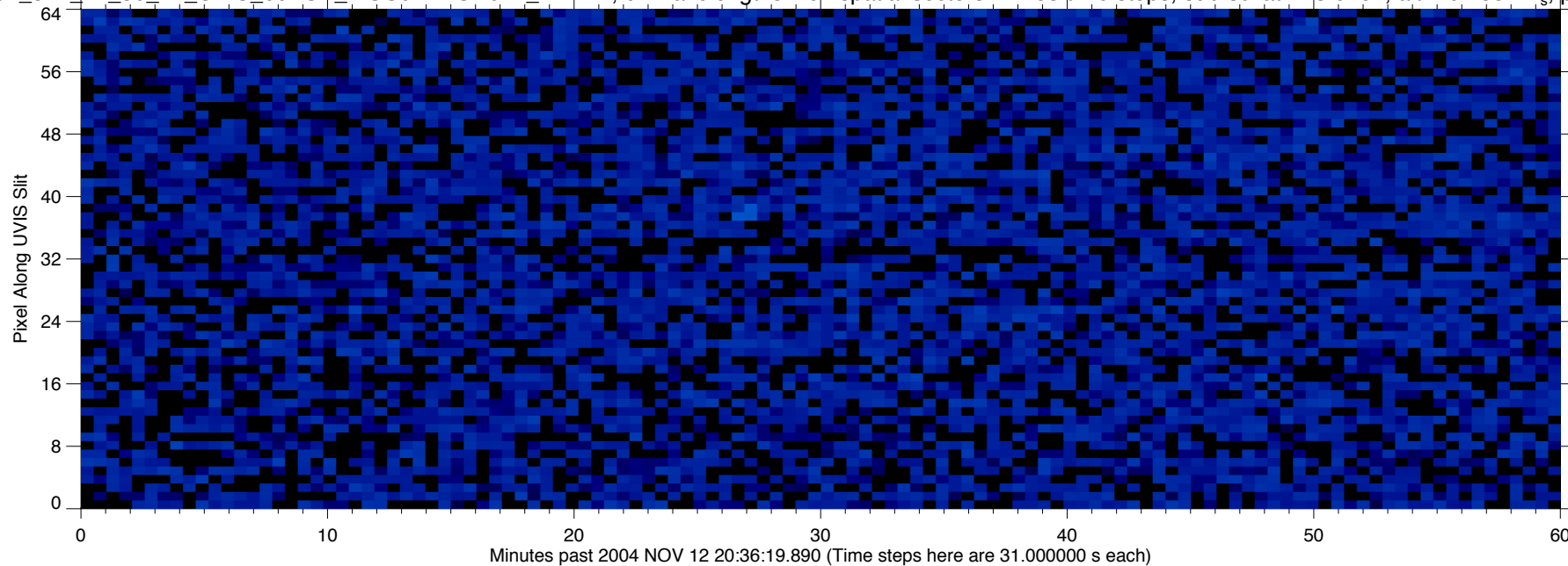
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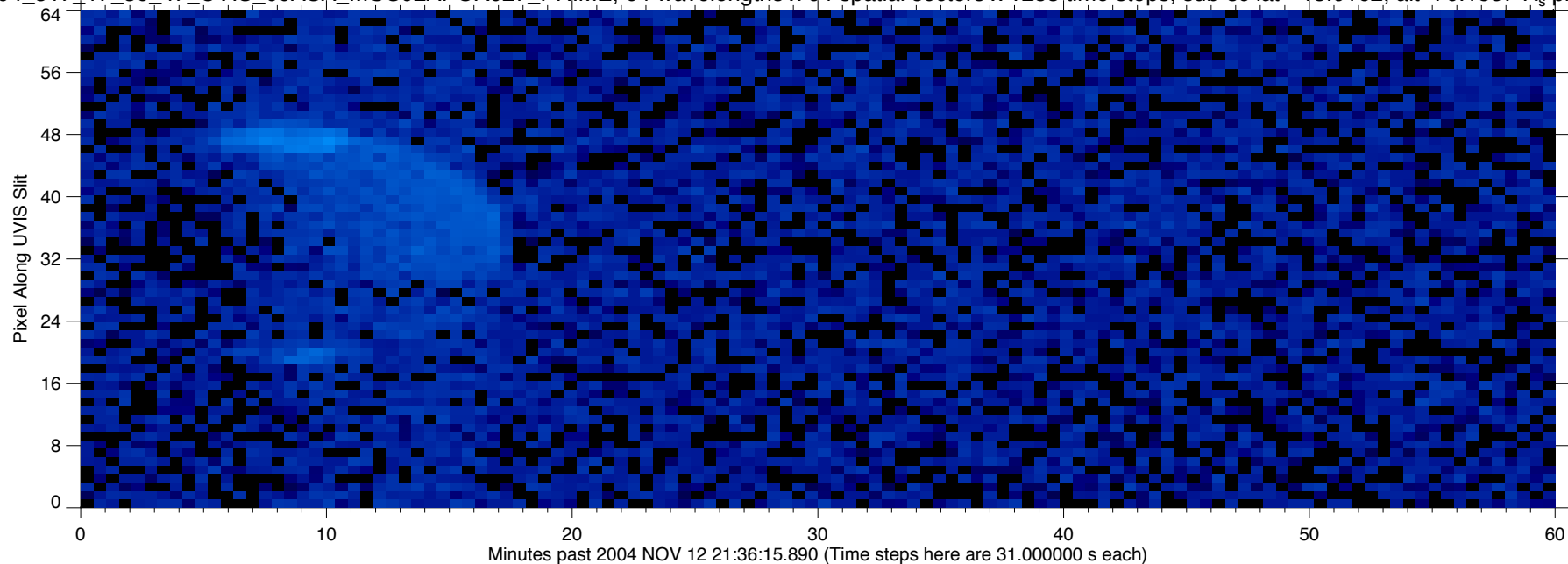
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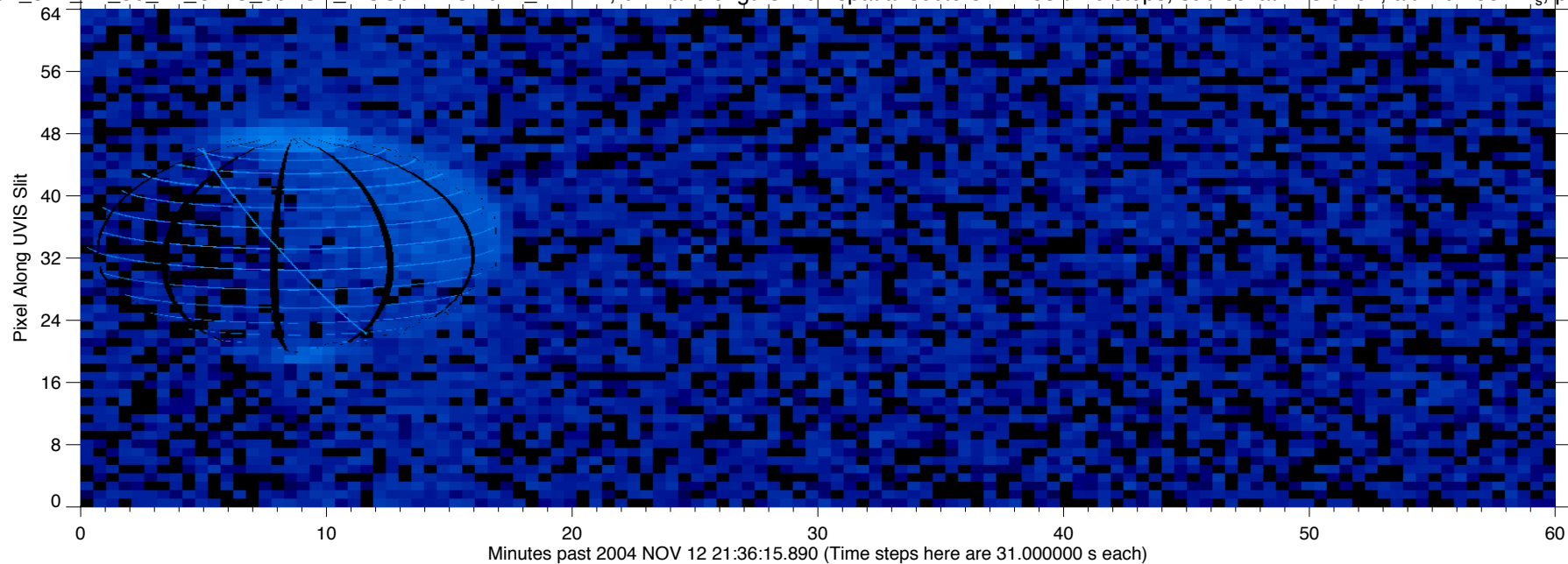
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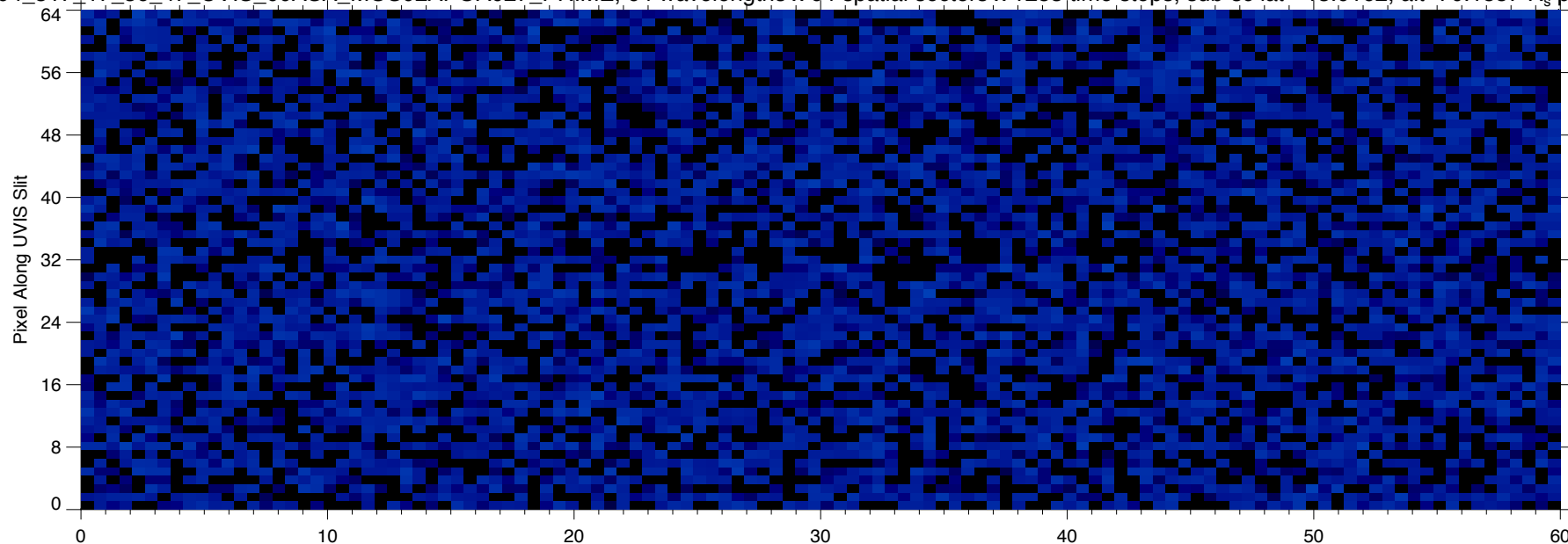
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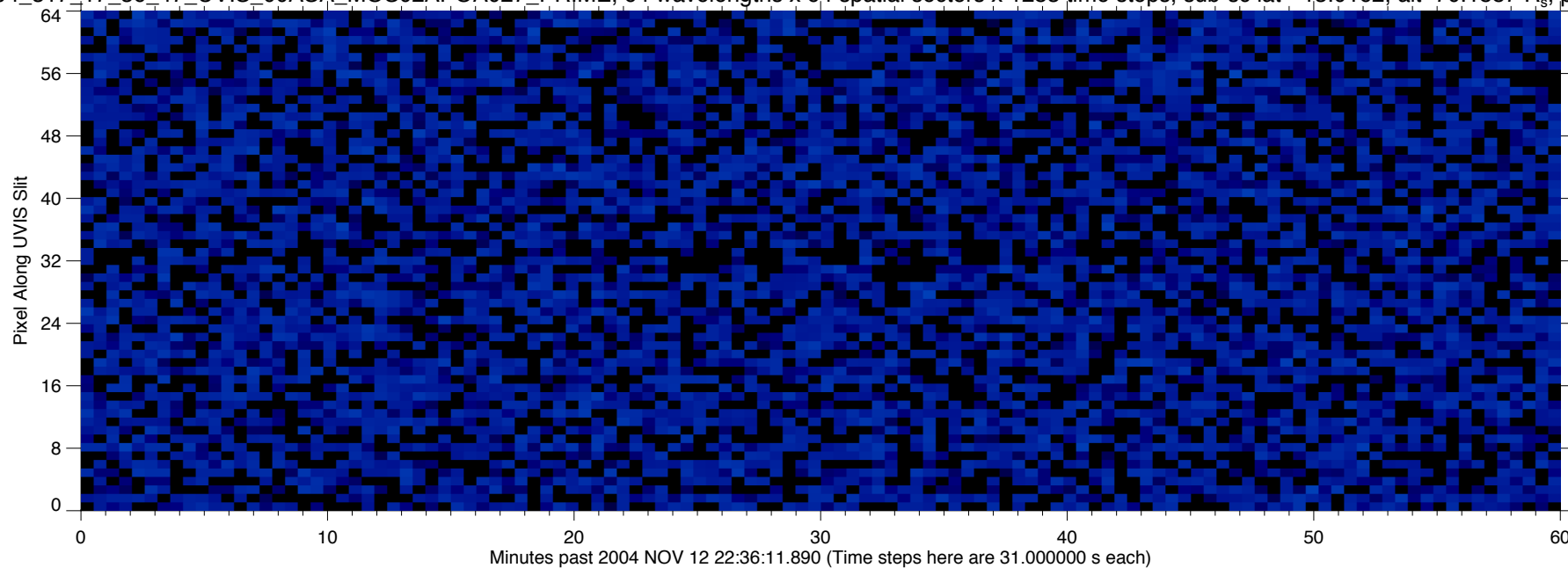
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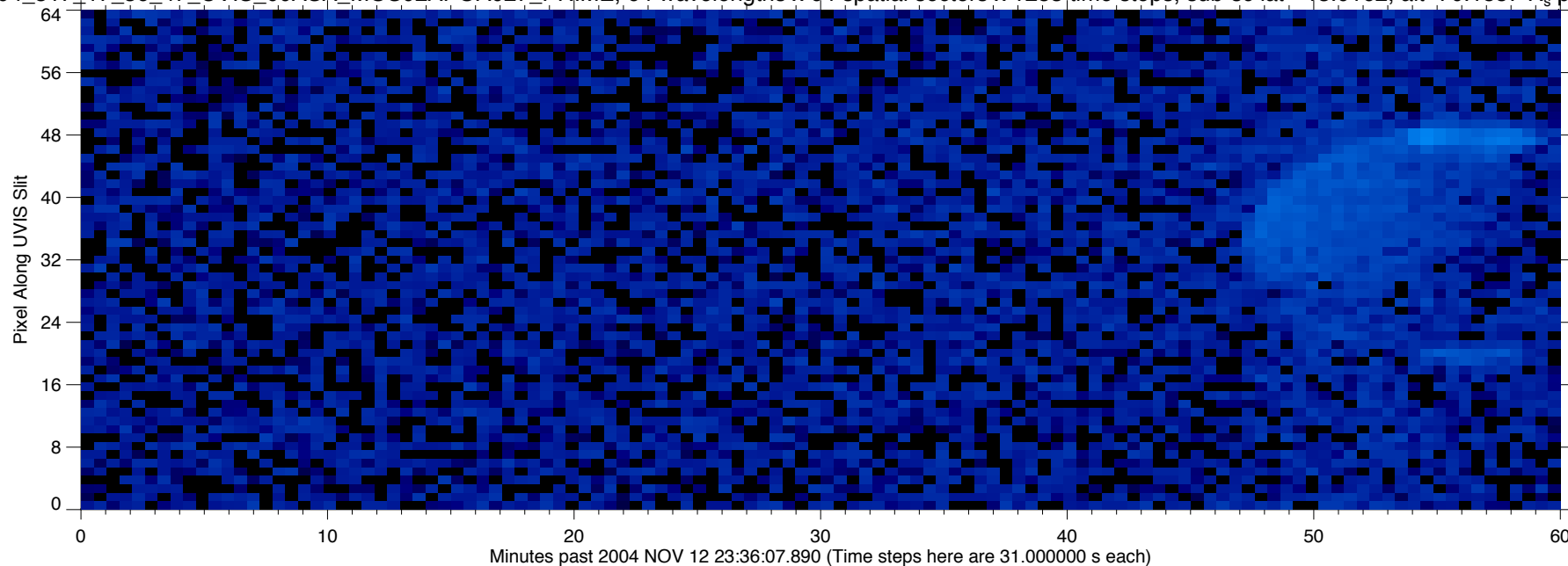
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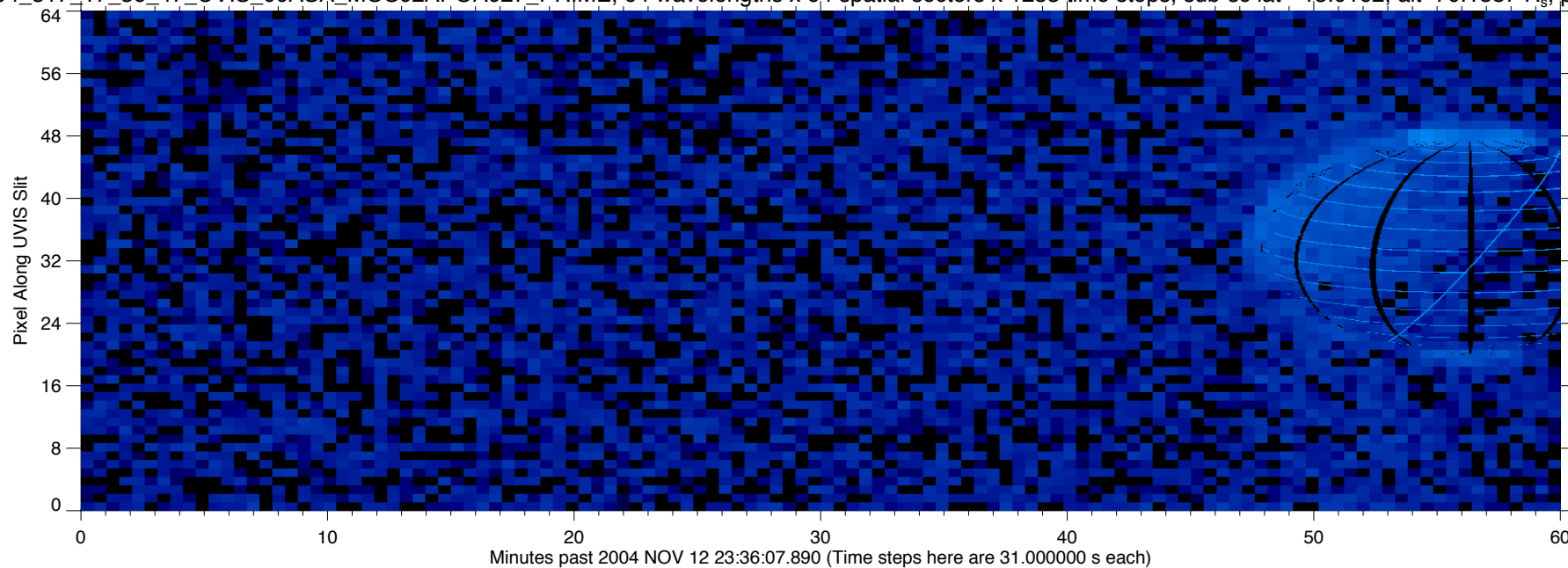
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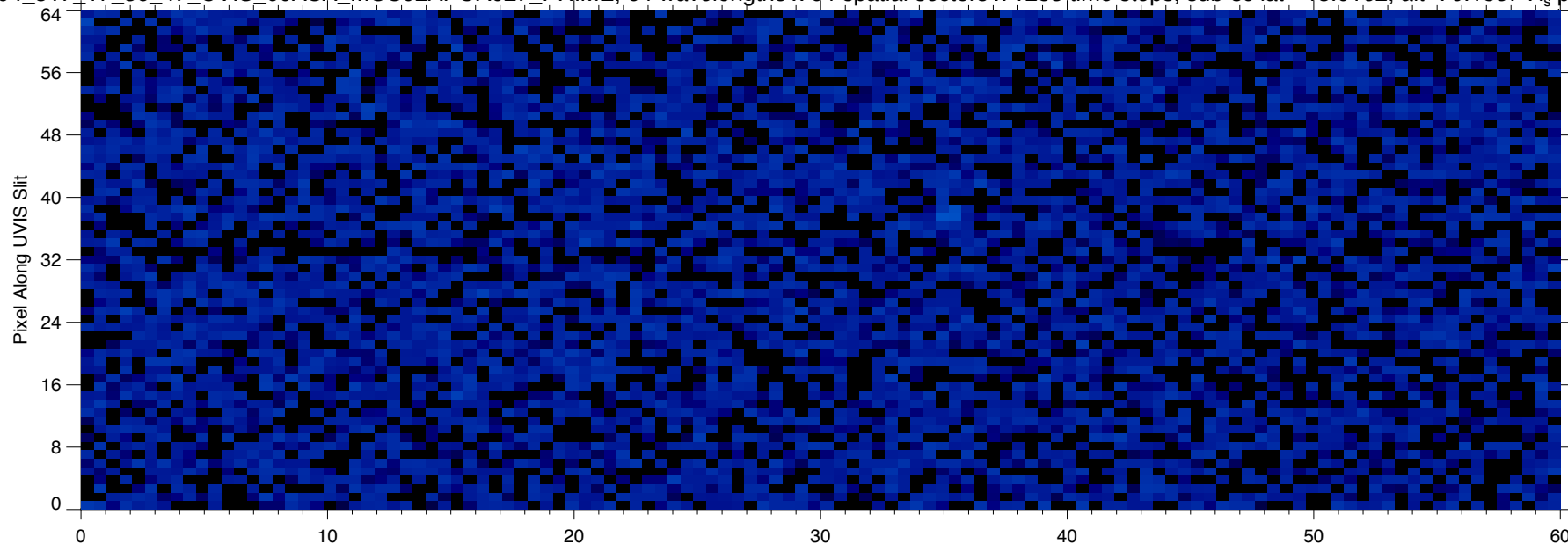
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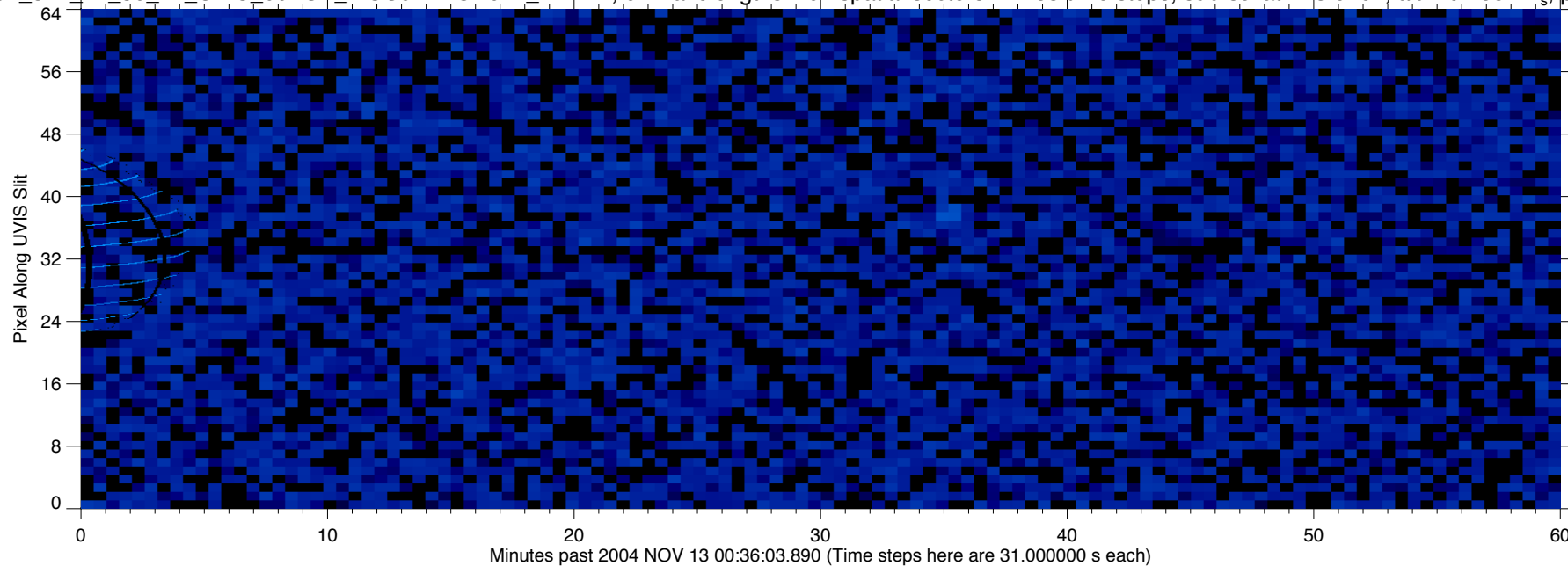
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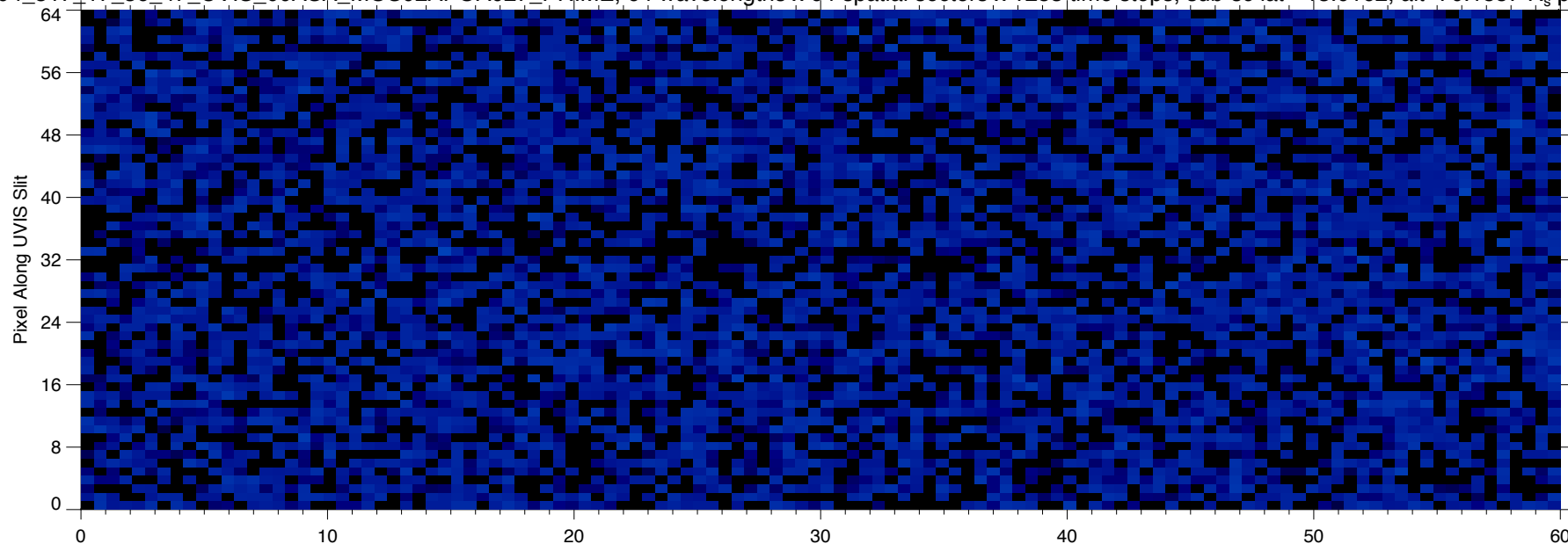
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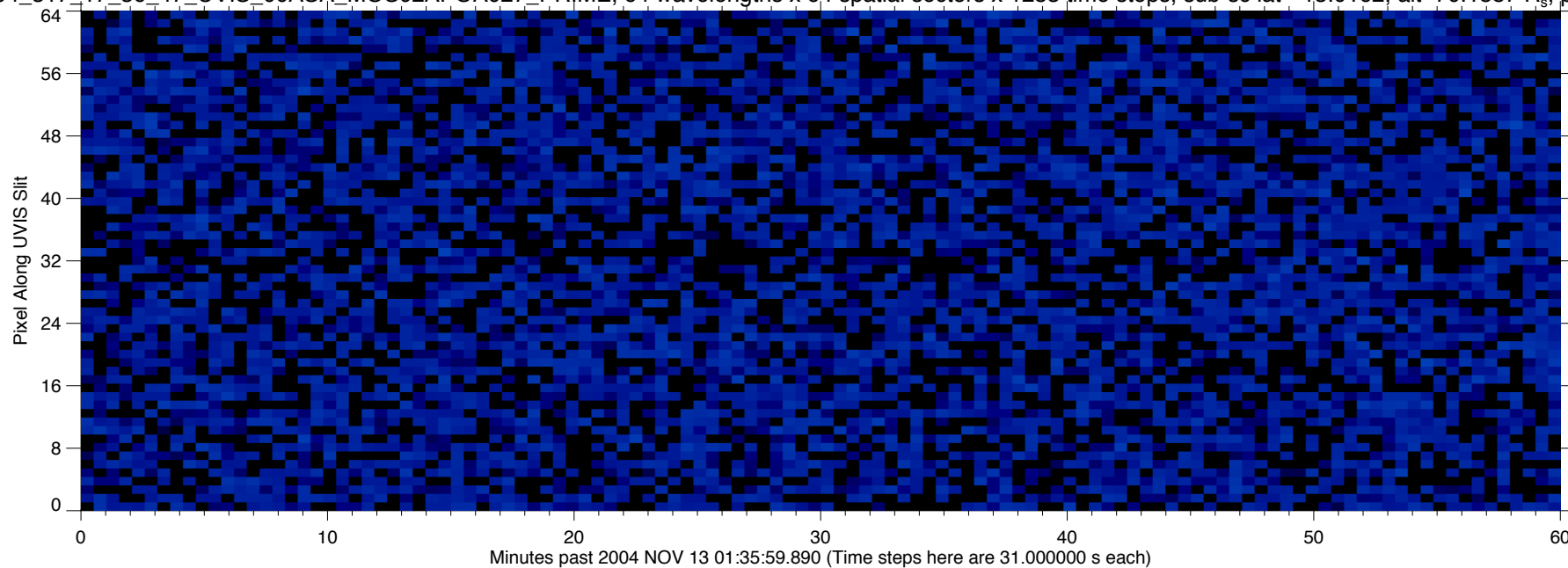
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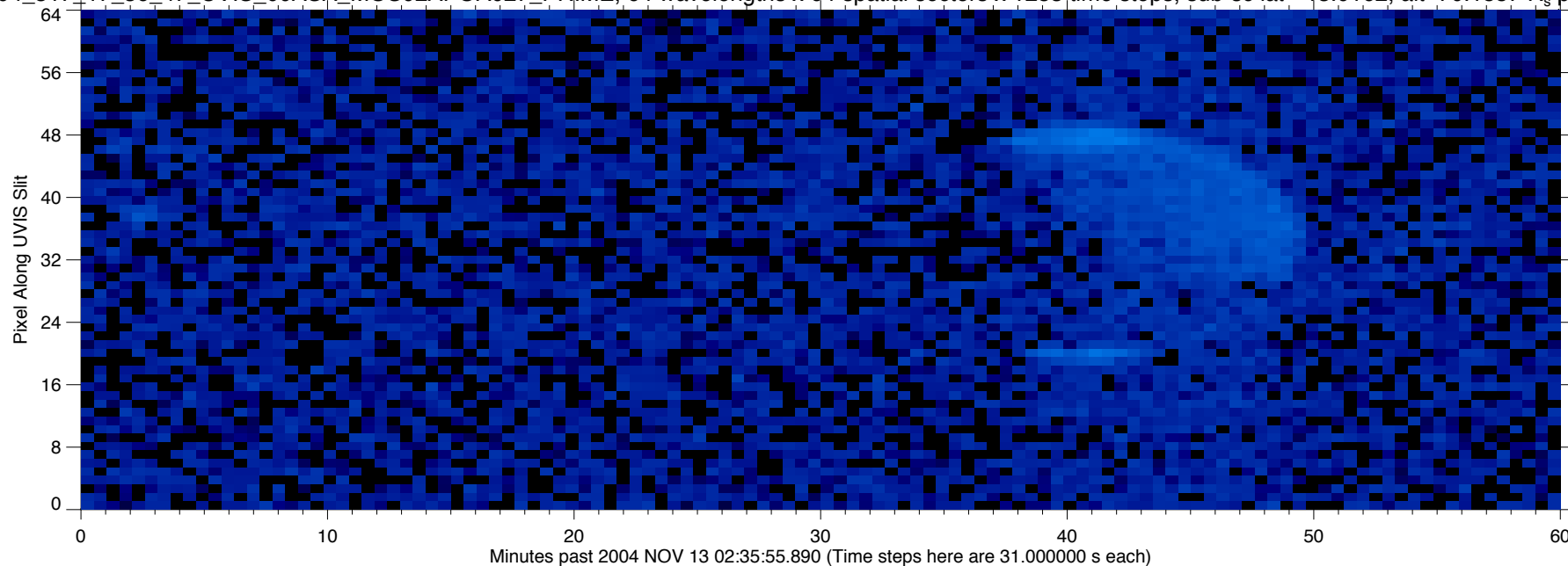
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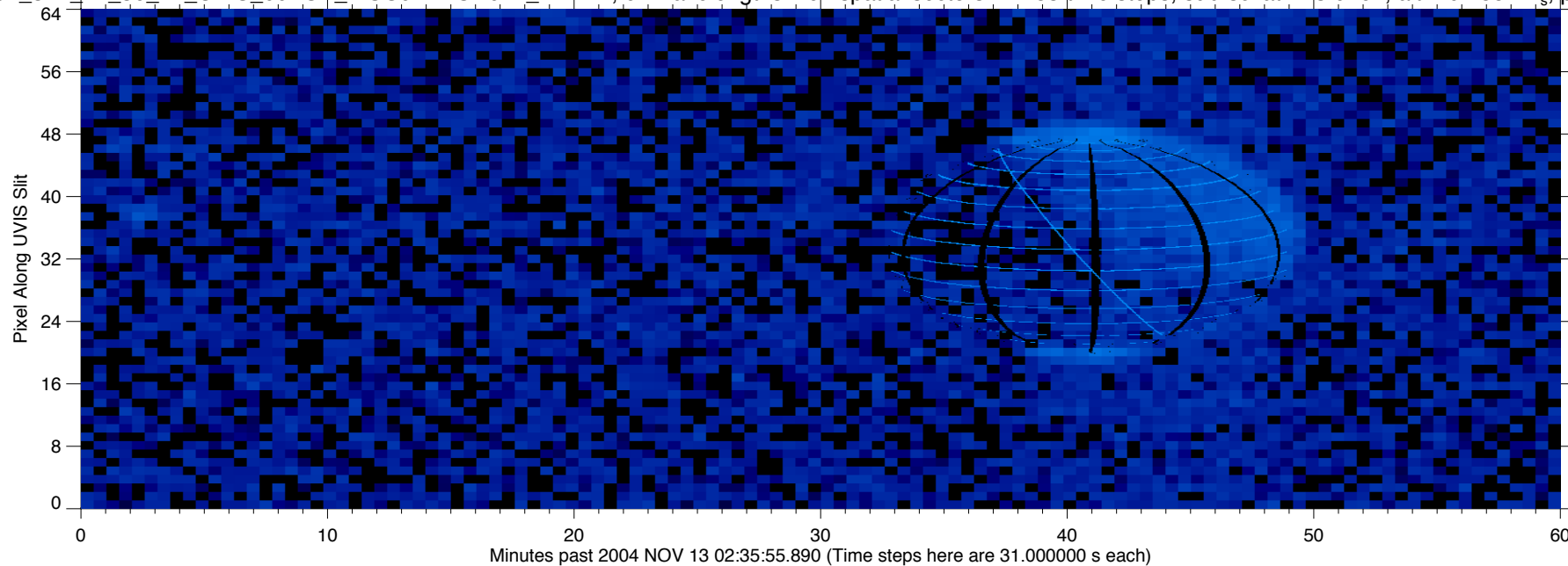
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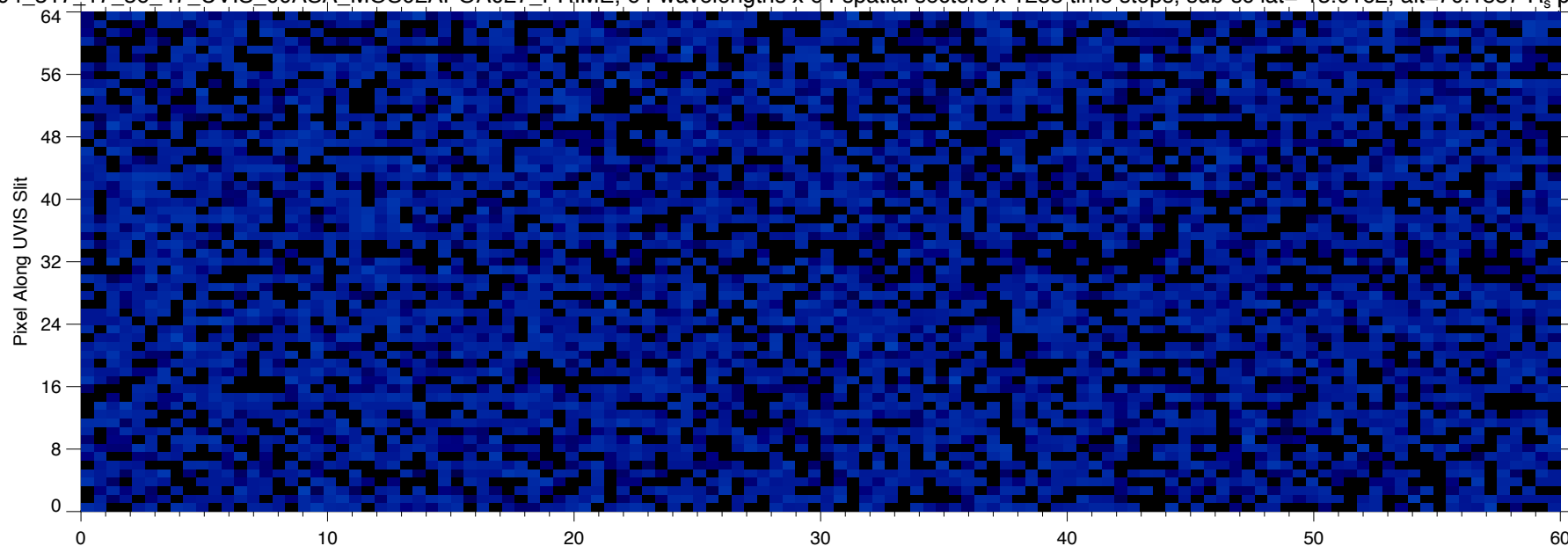
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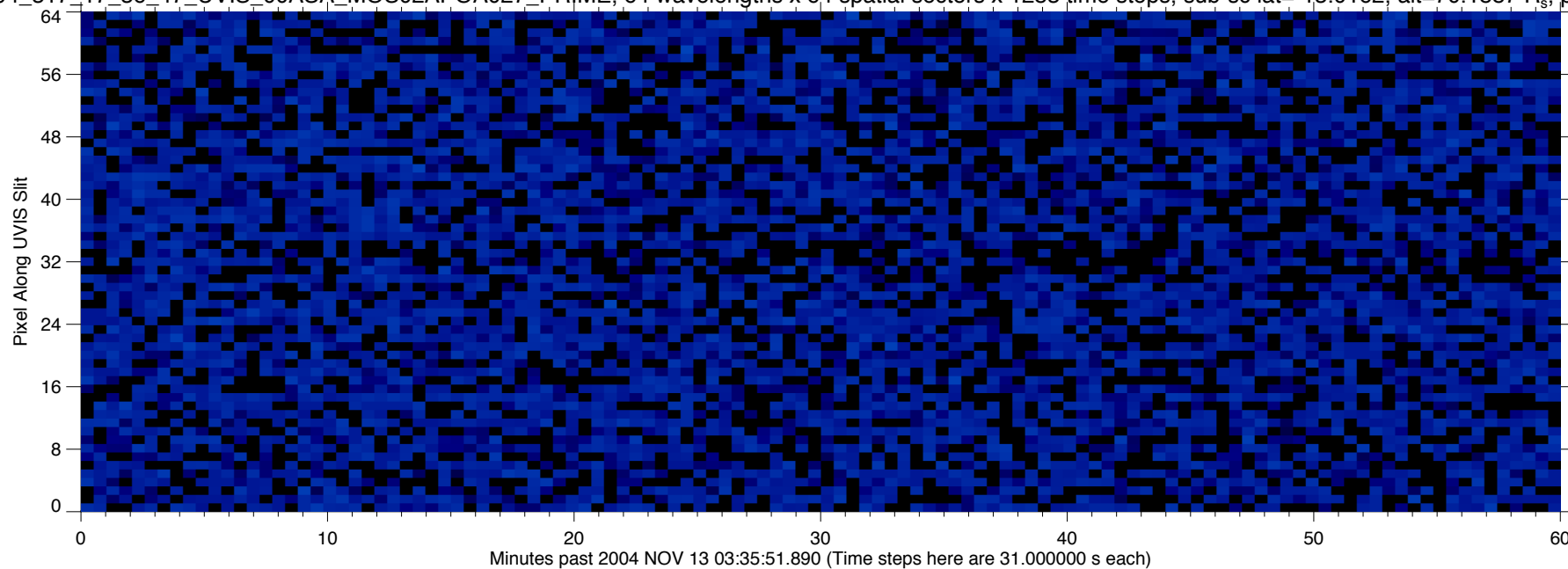
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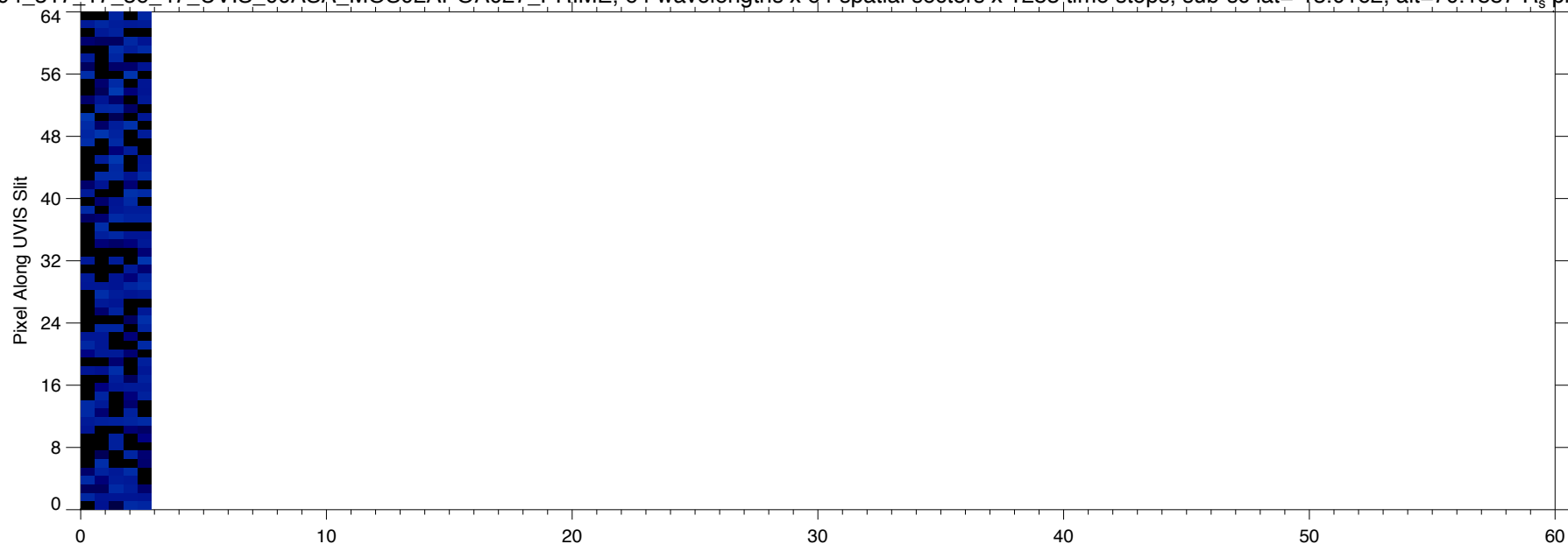
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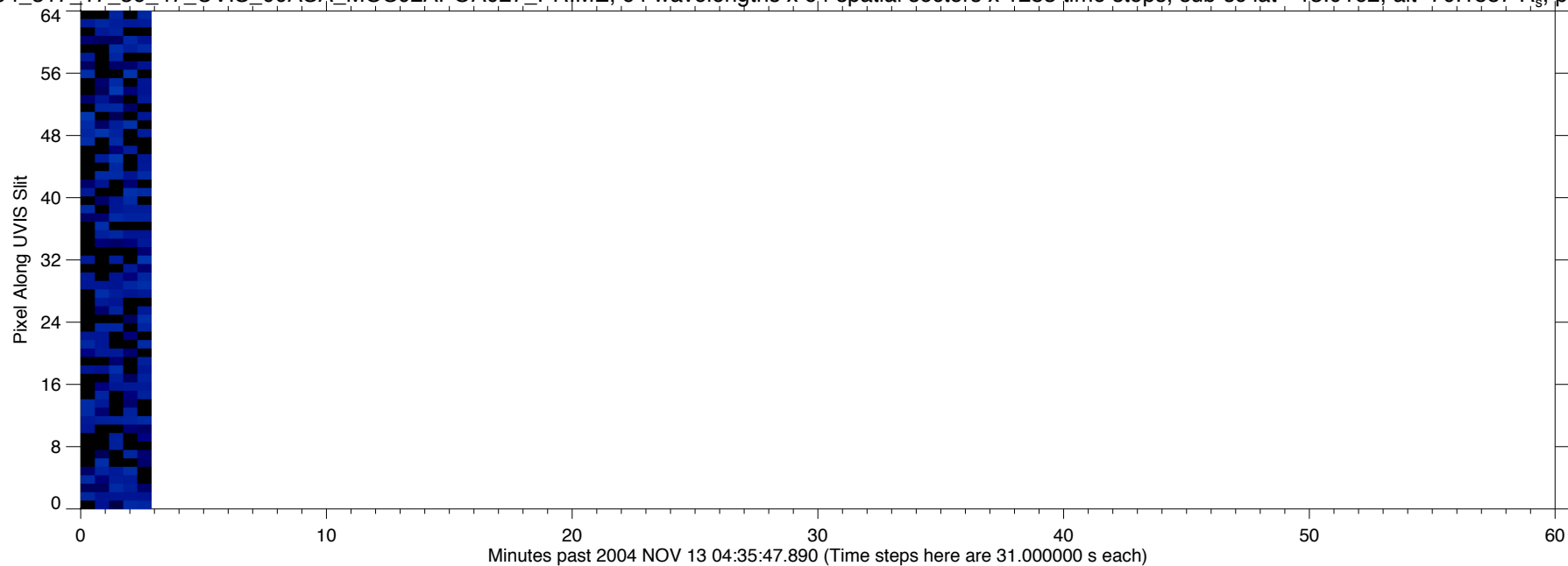
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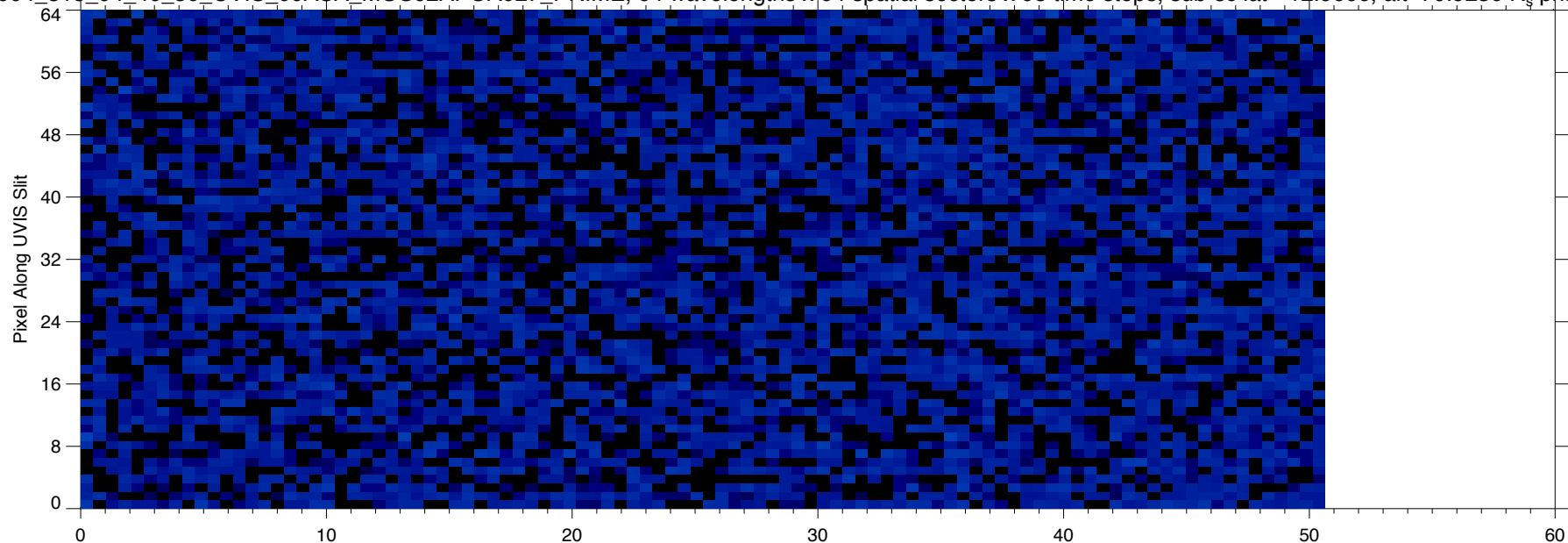
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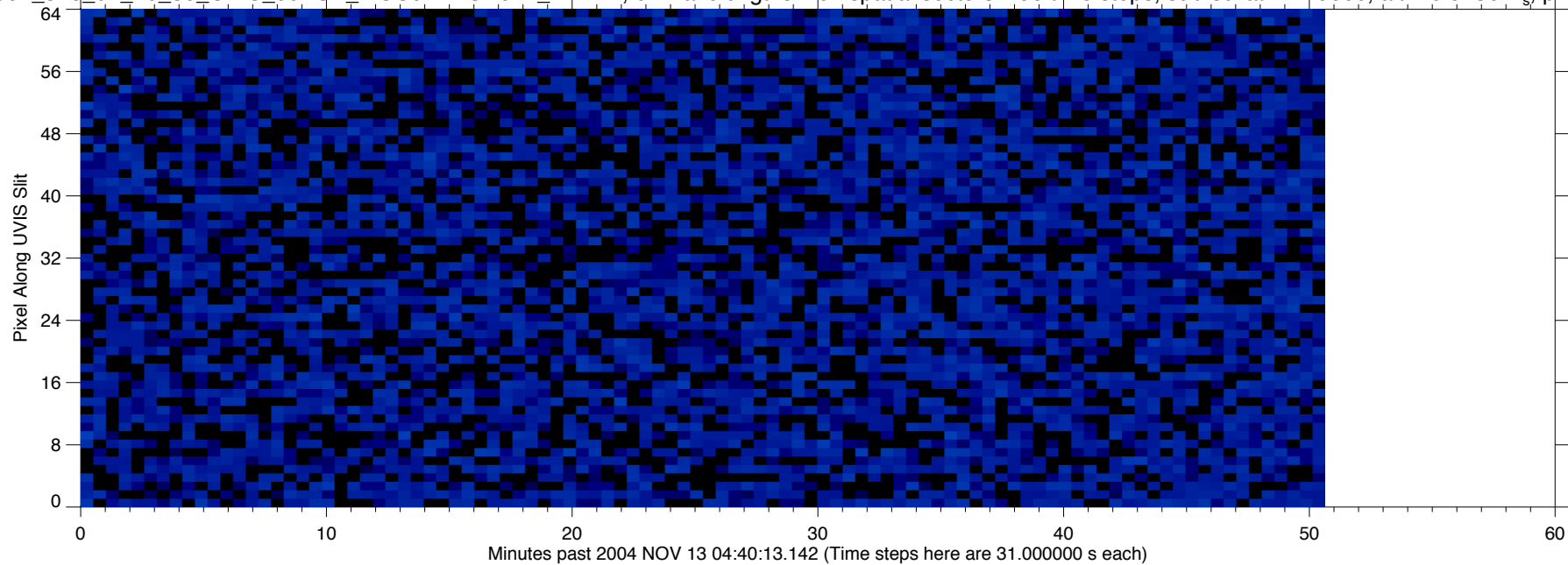
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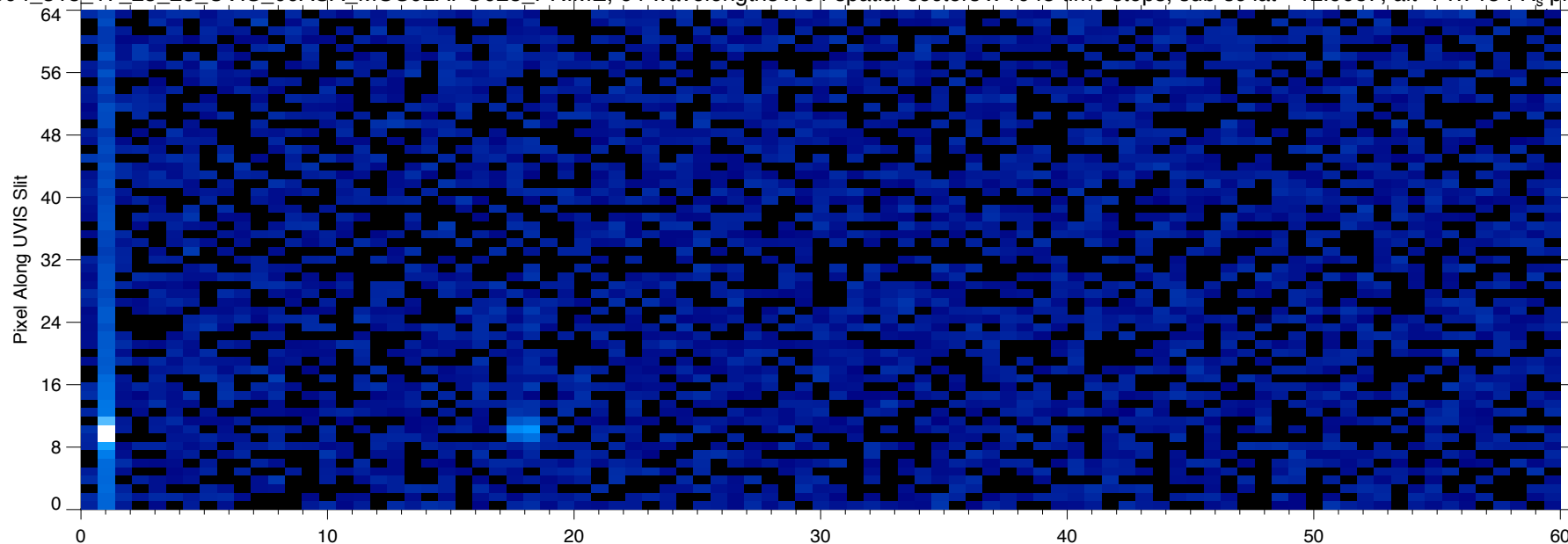
FUV2004_318_04_40_30_UVIS_00ASA_MOS02APOA027_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-12.9666, alt=70.9236 R_s, phase=85.6670



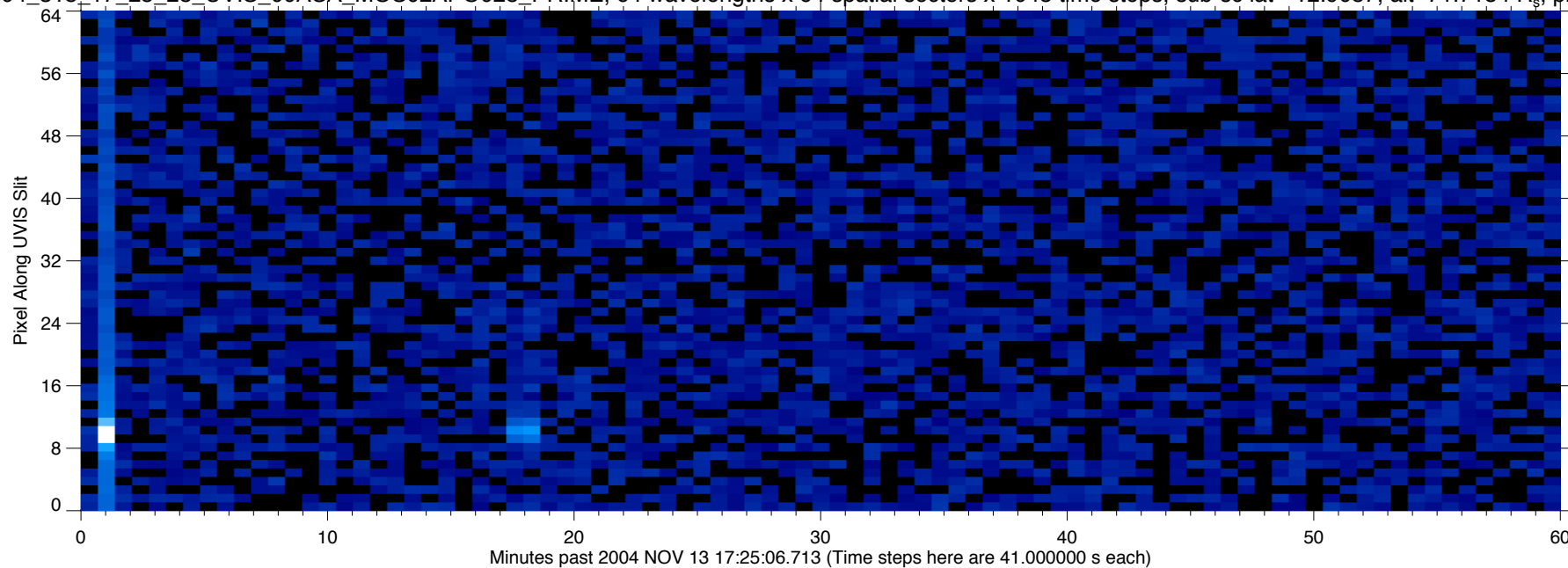
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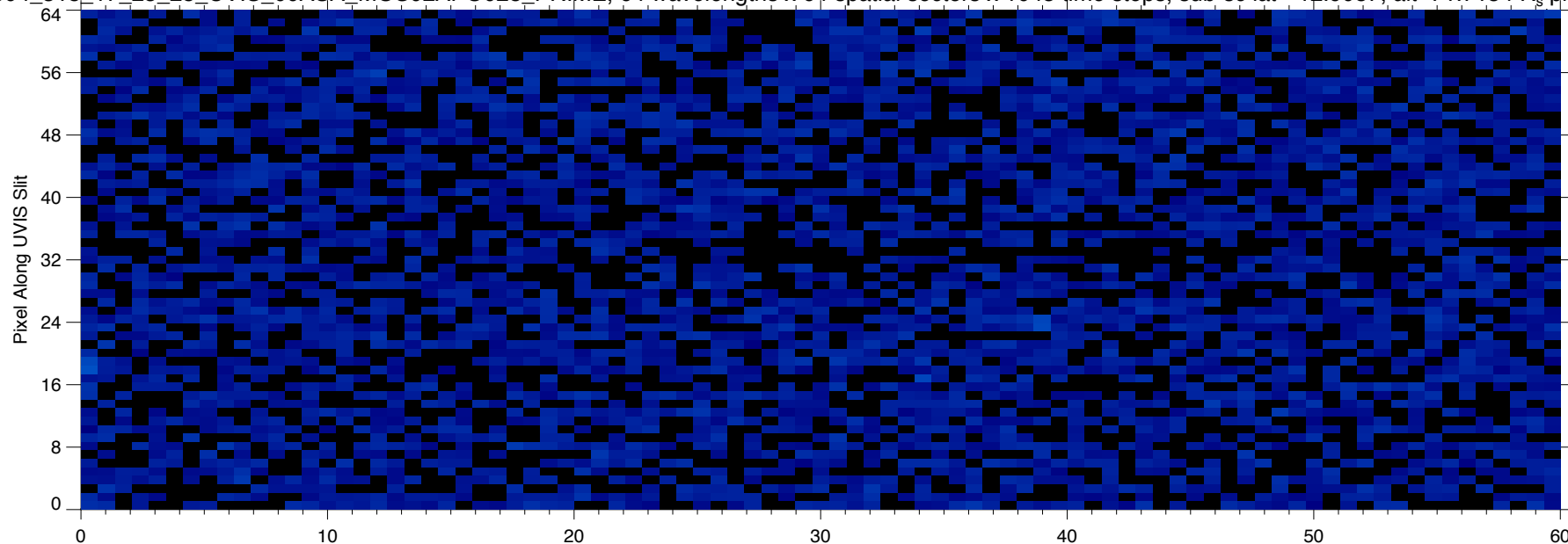
FUV2004_318_17_25_28_UVIS_00ASA_MOS02APO028_PRIME, 64 wavelengths x 64 spatial sectors x 1045 time steps, sub-sc lat=-12.9087, alt=71.7154 R_s, phase=85.0612



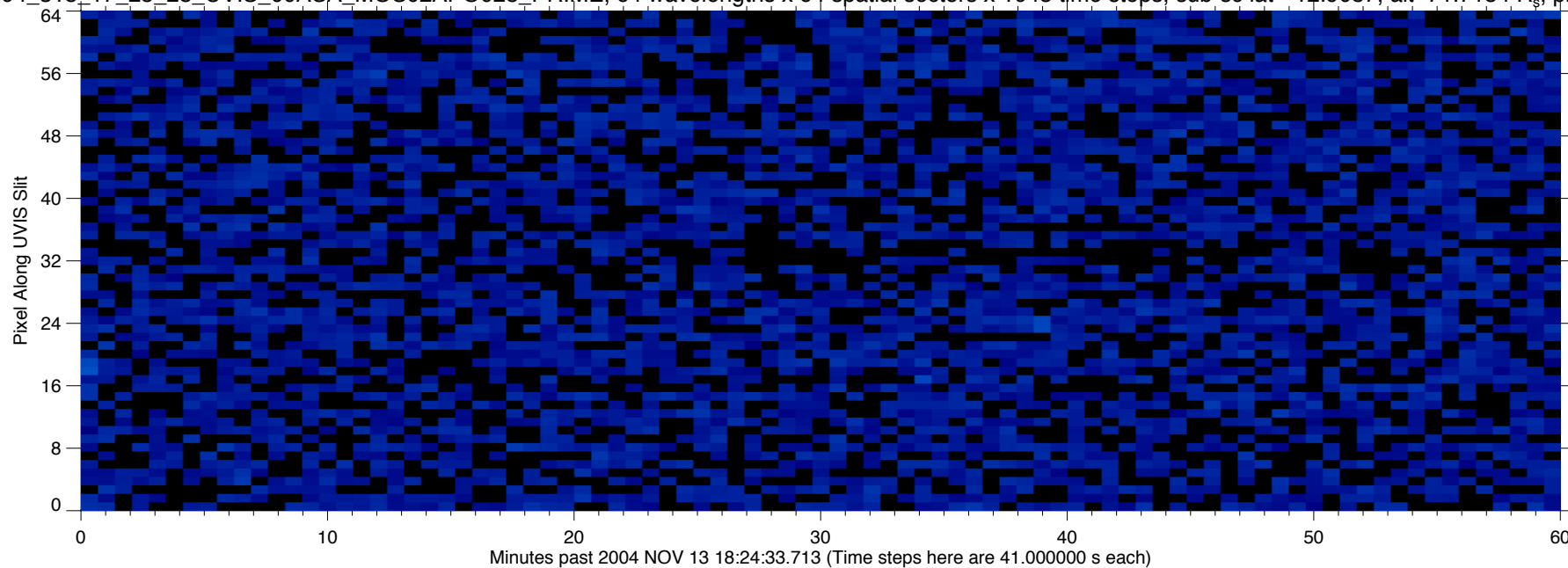
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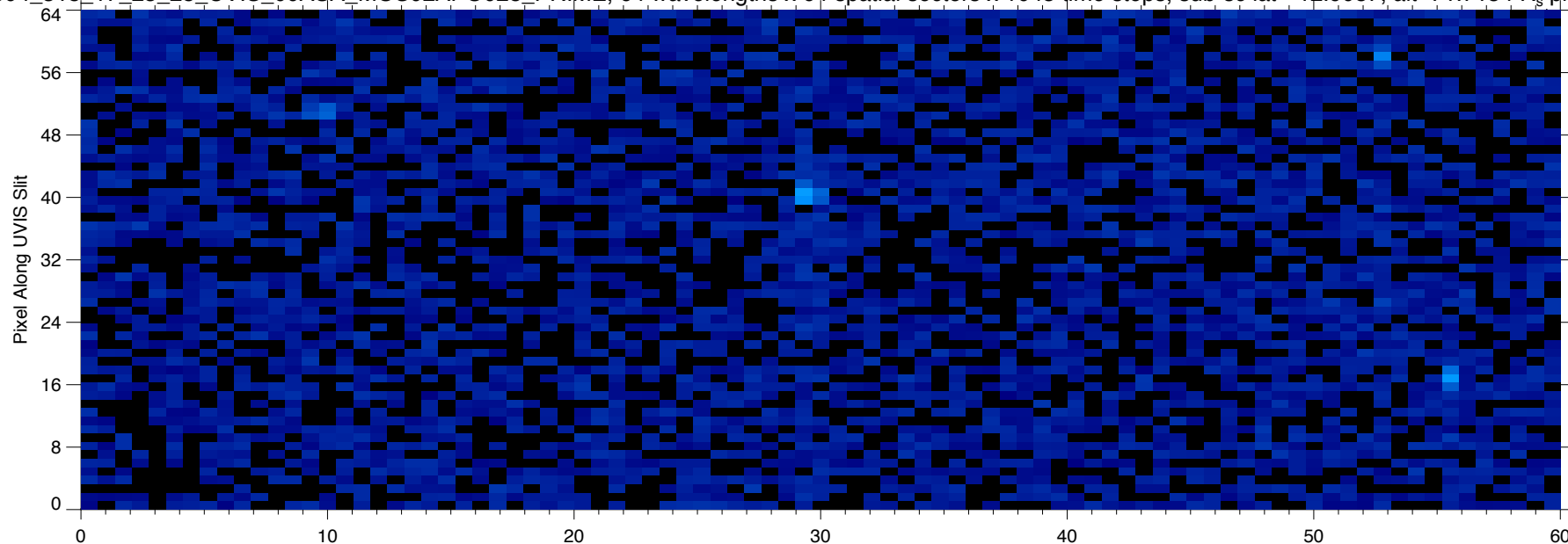
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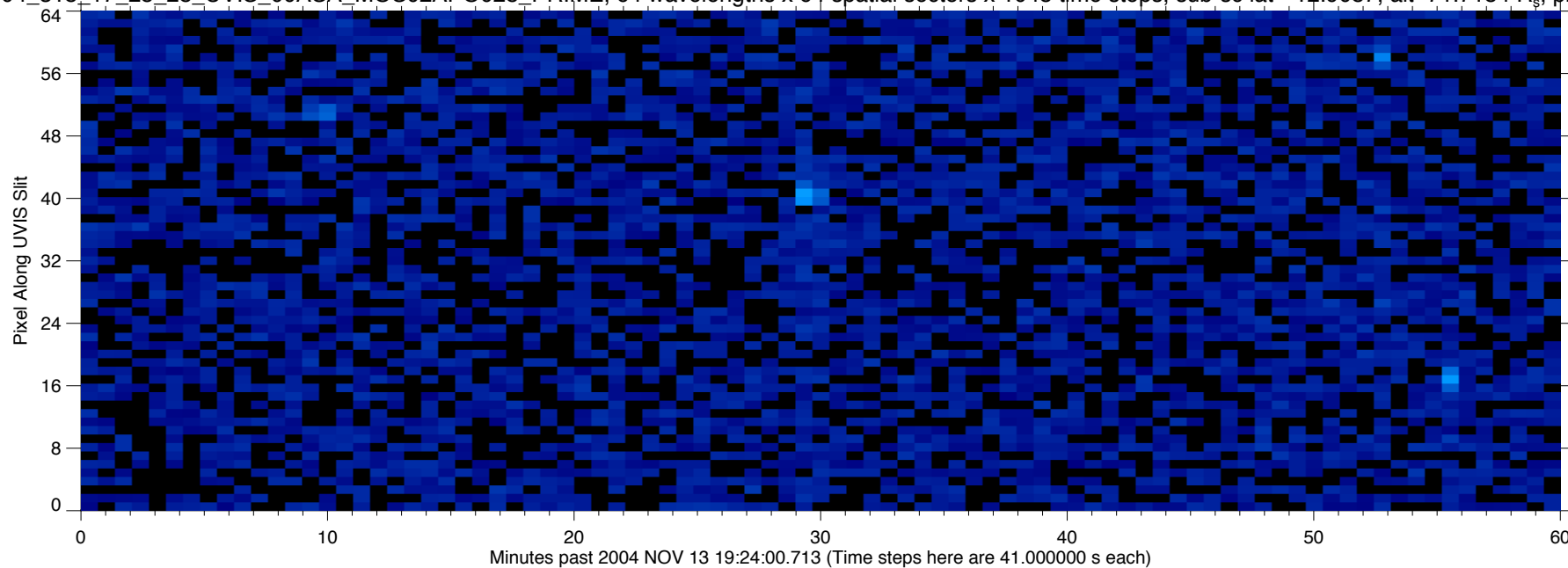
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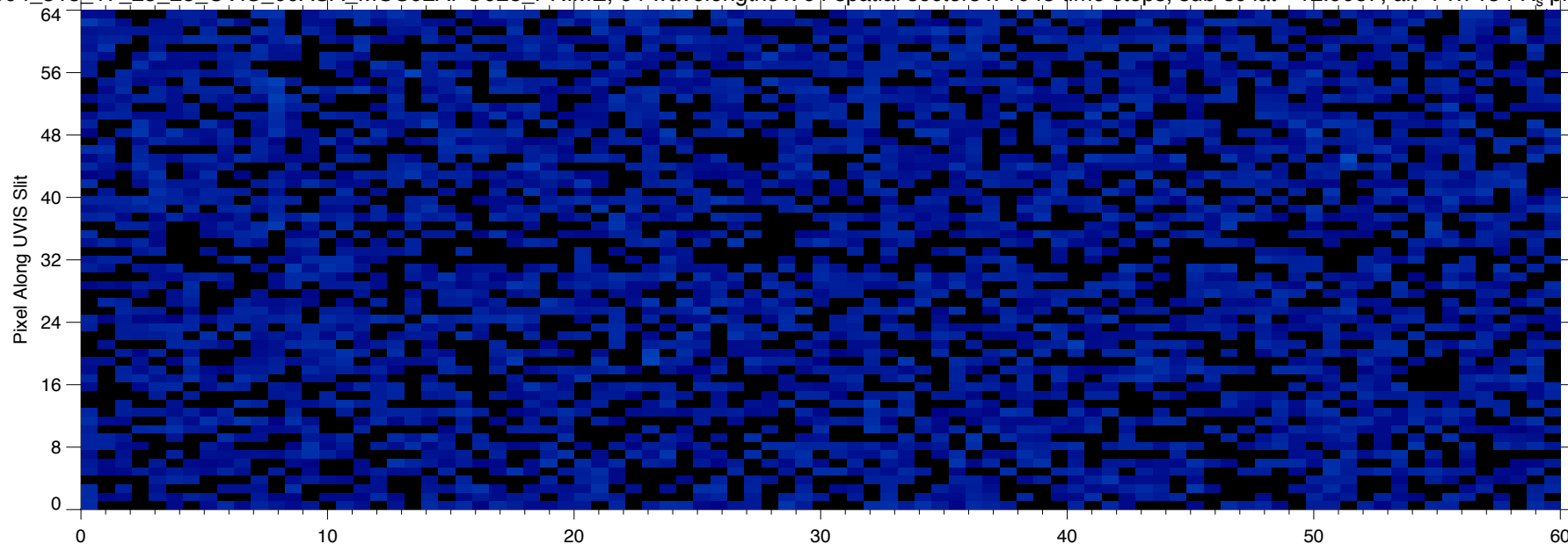
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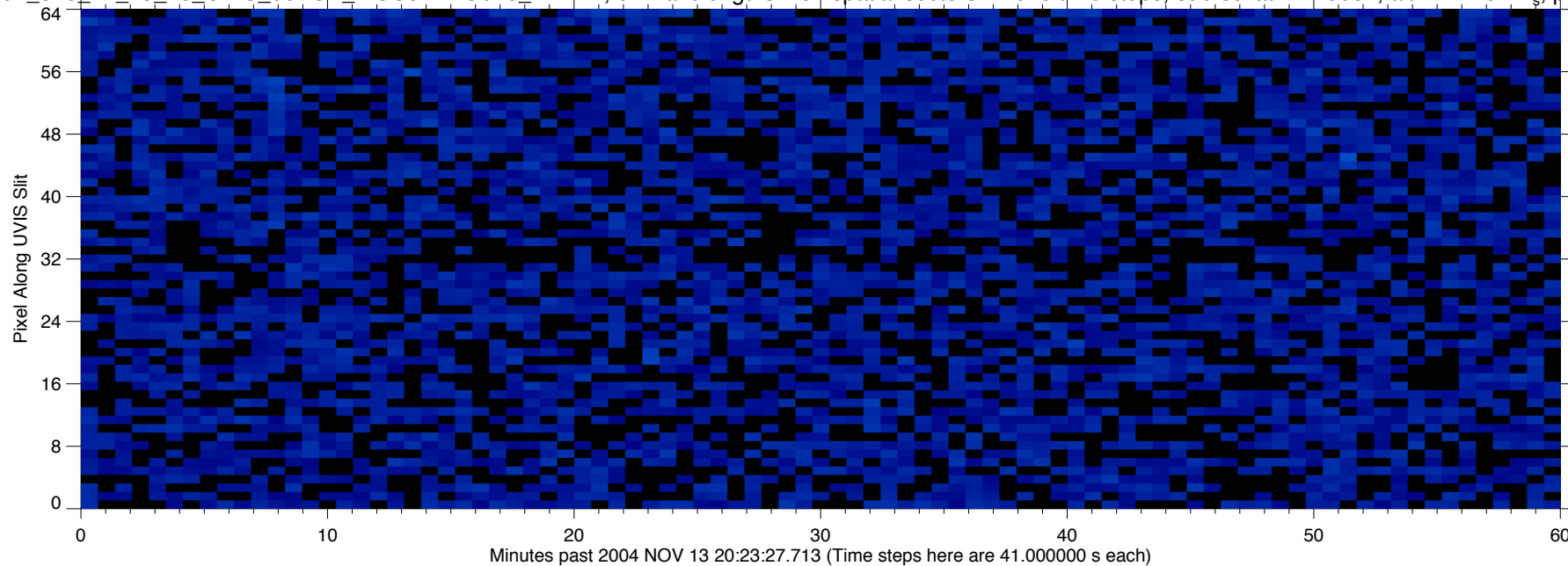
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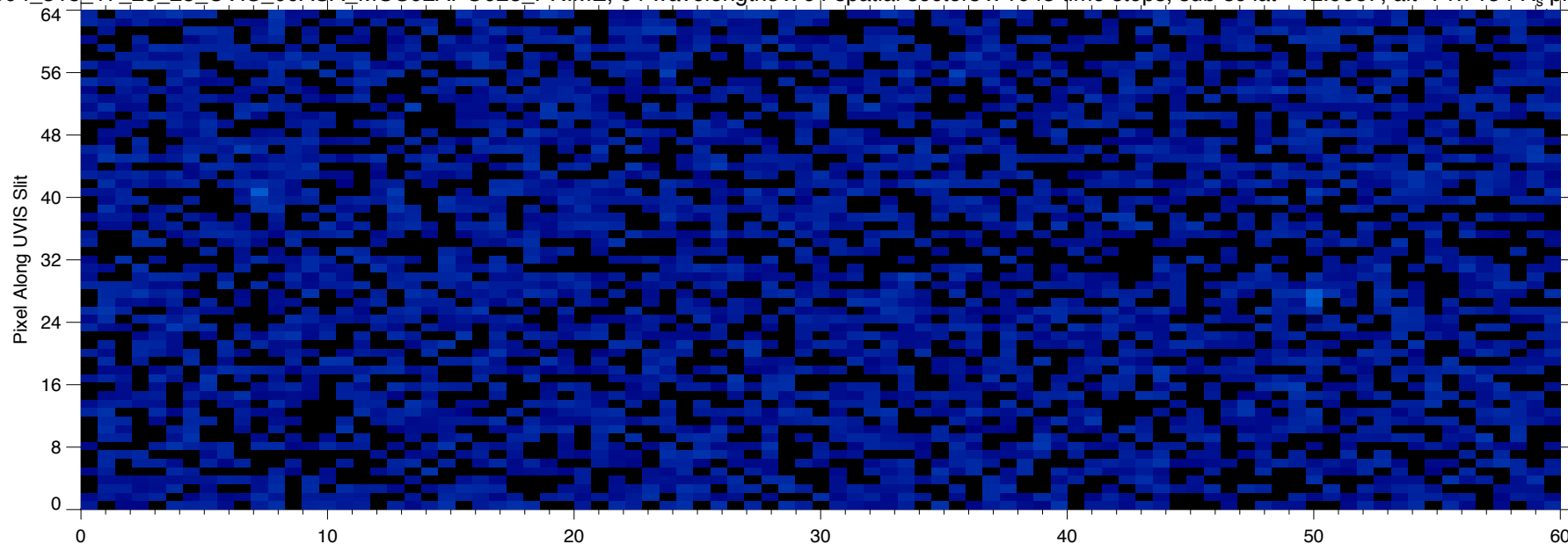
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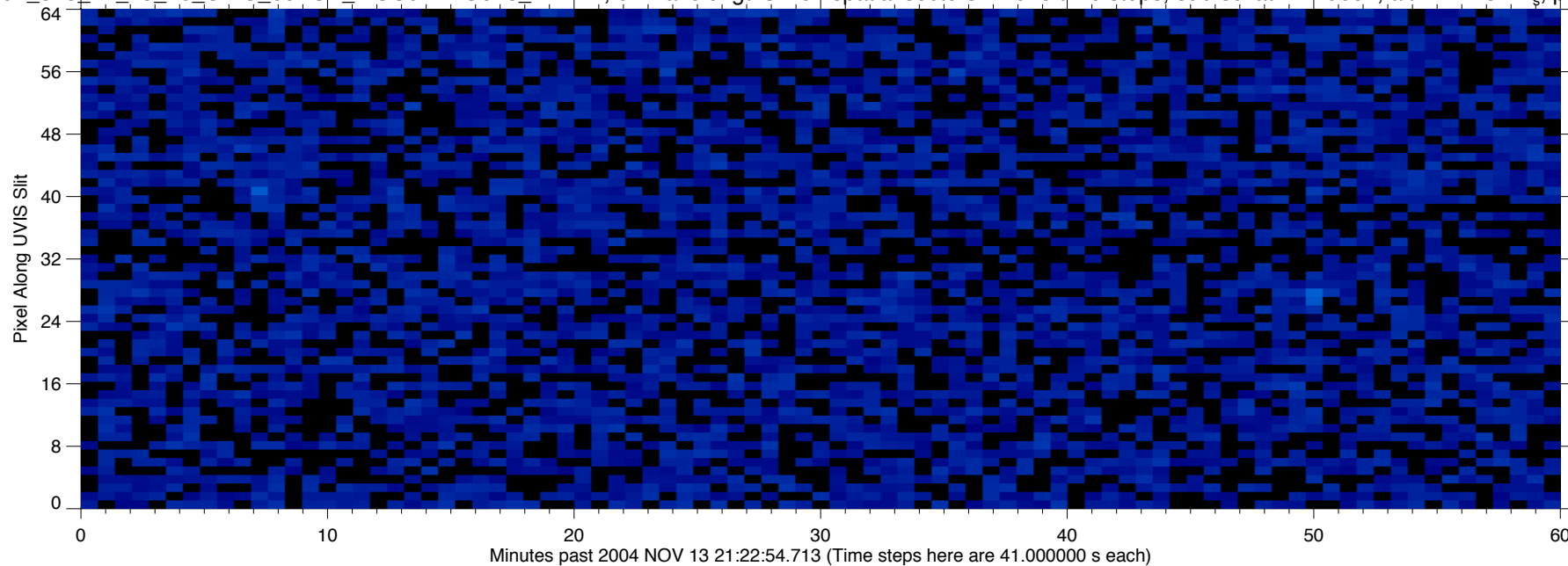
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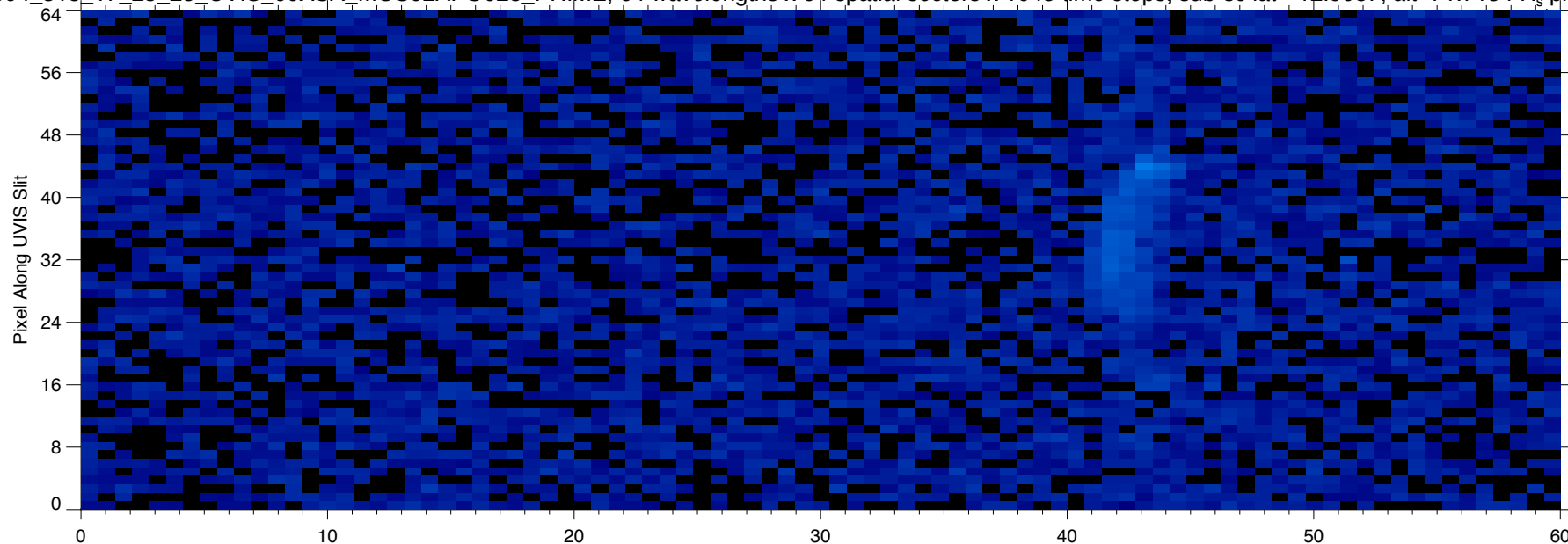
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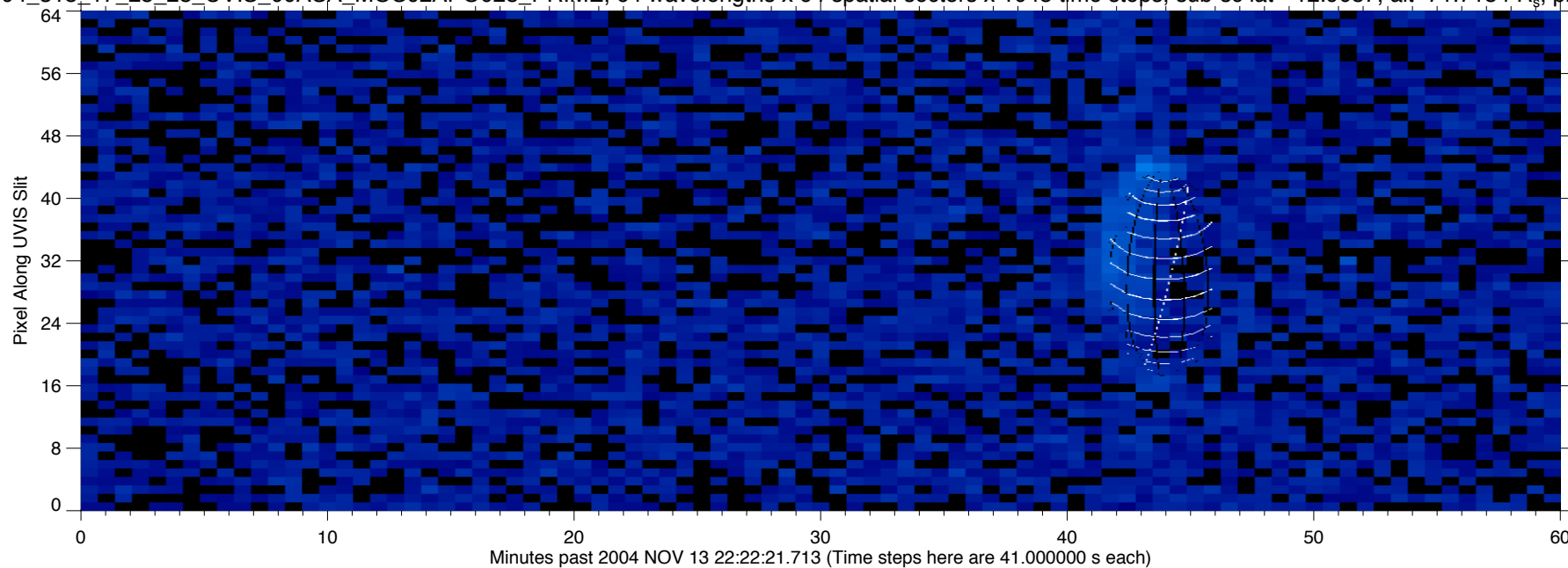
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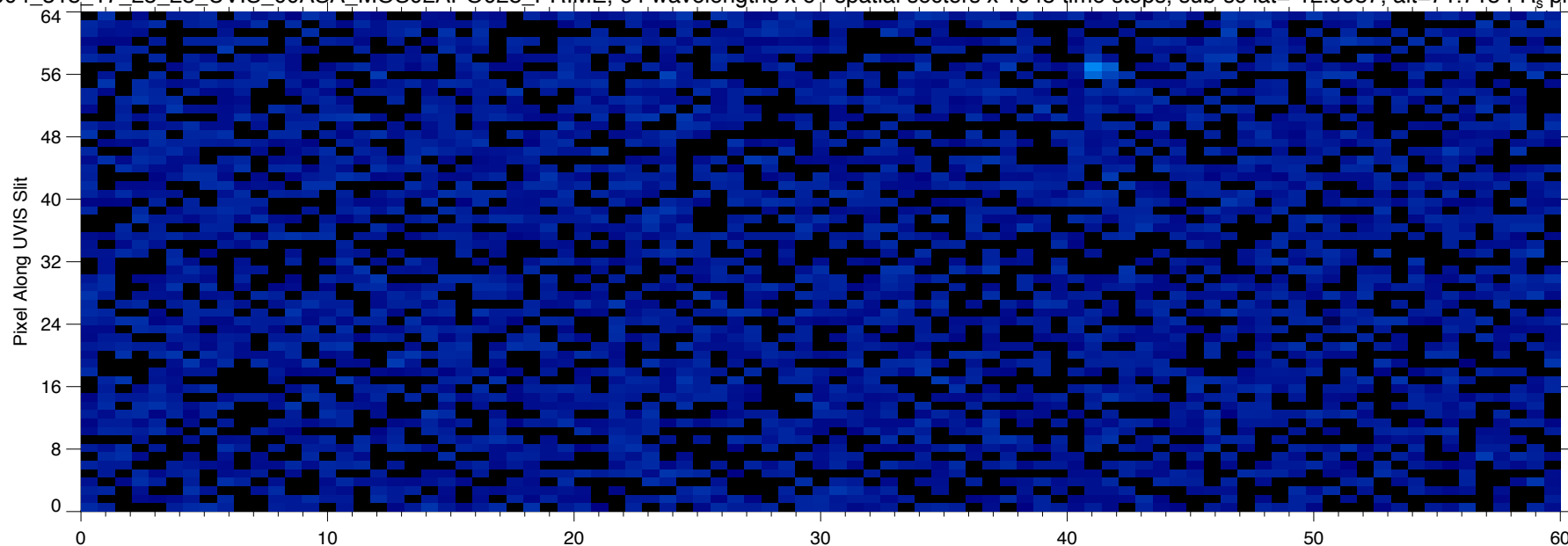
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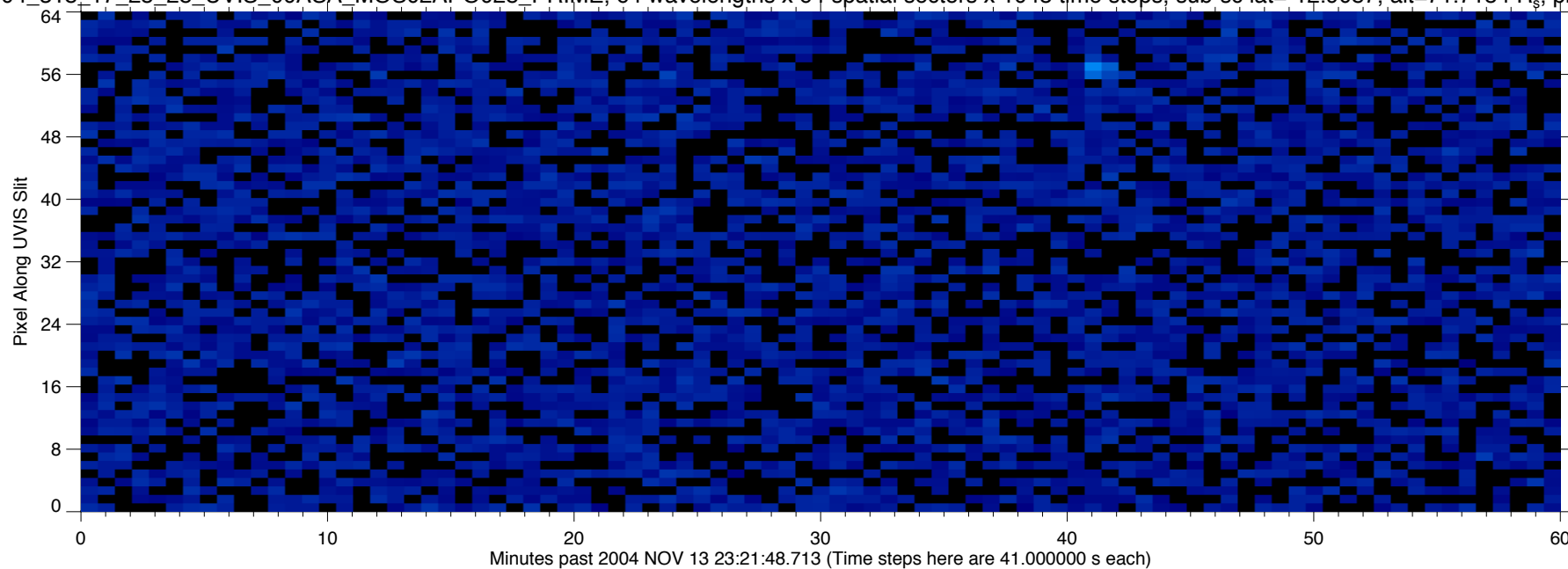
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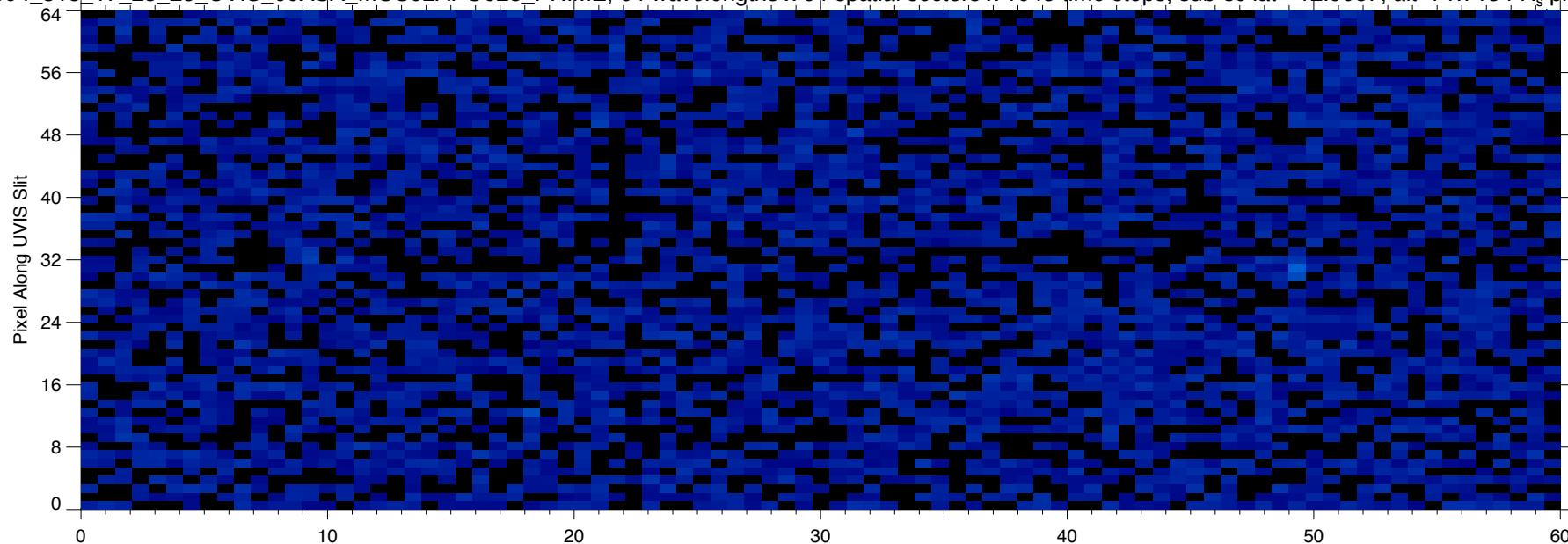
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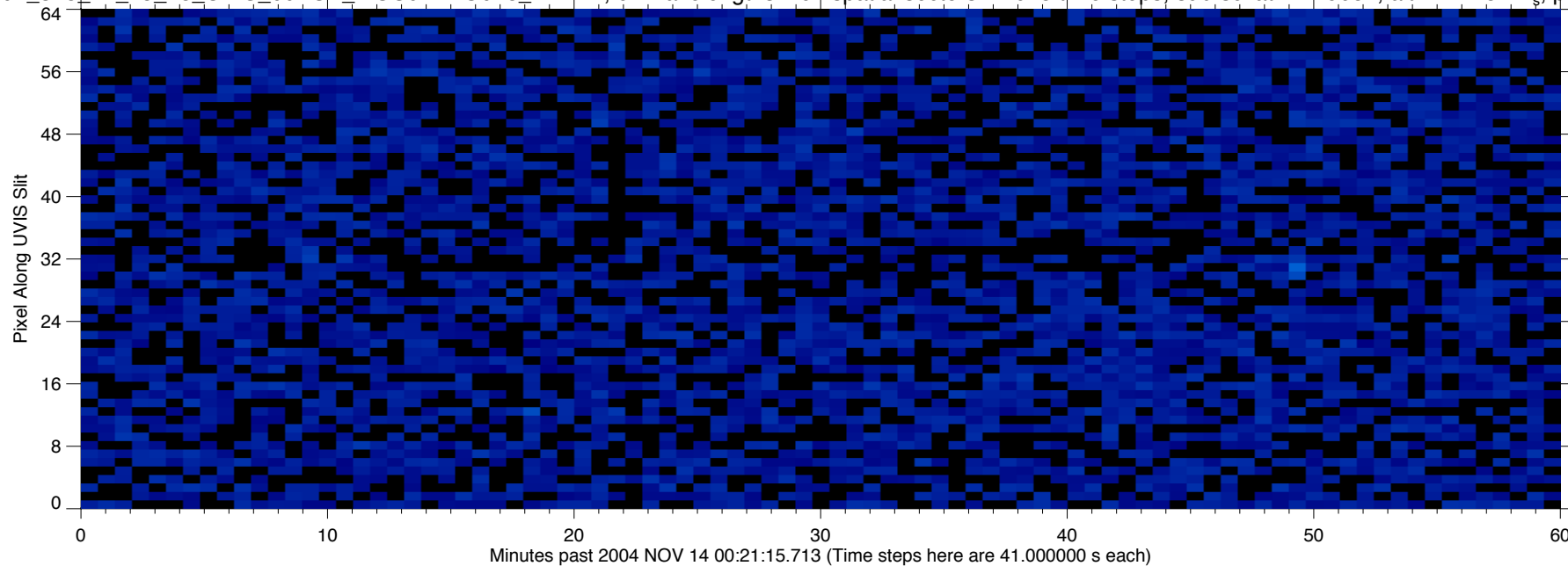
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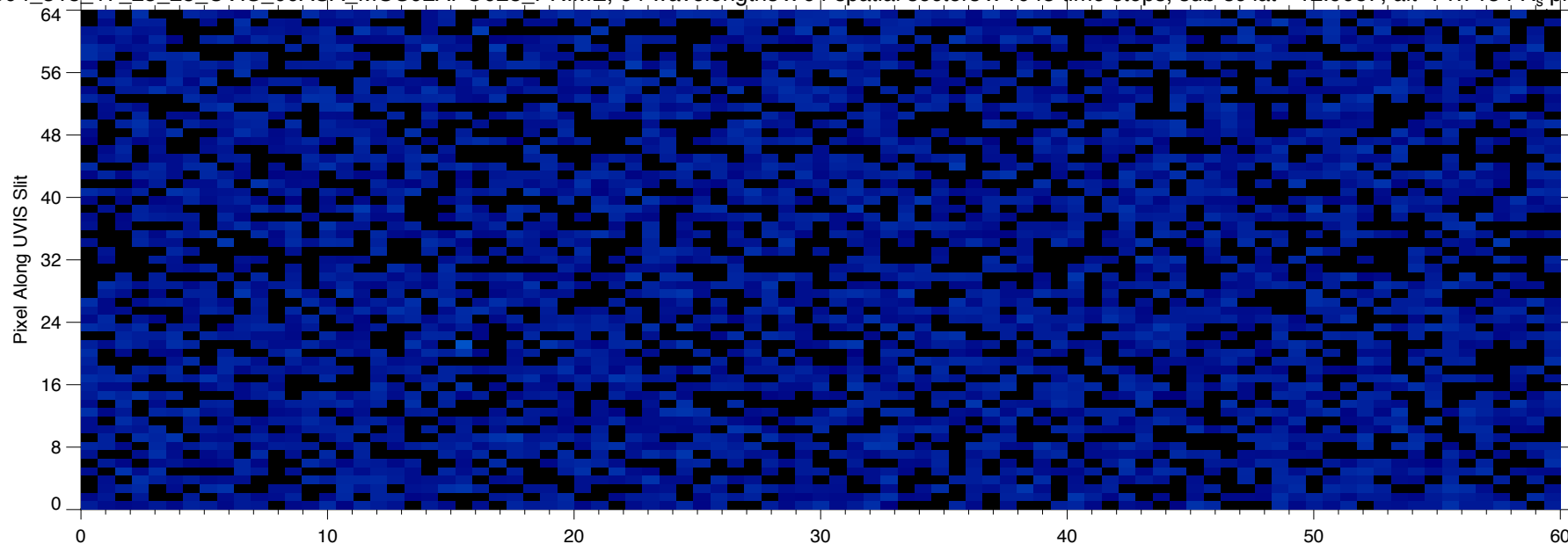
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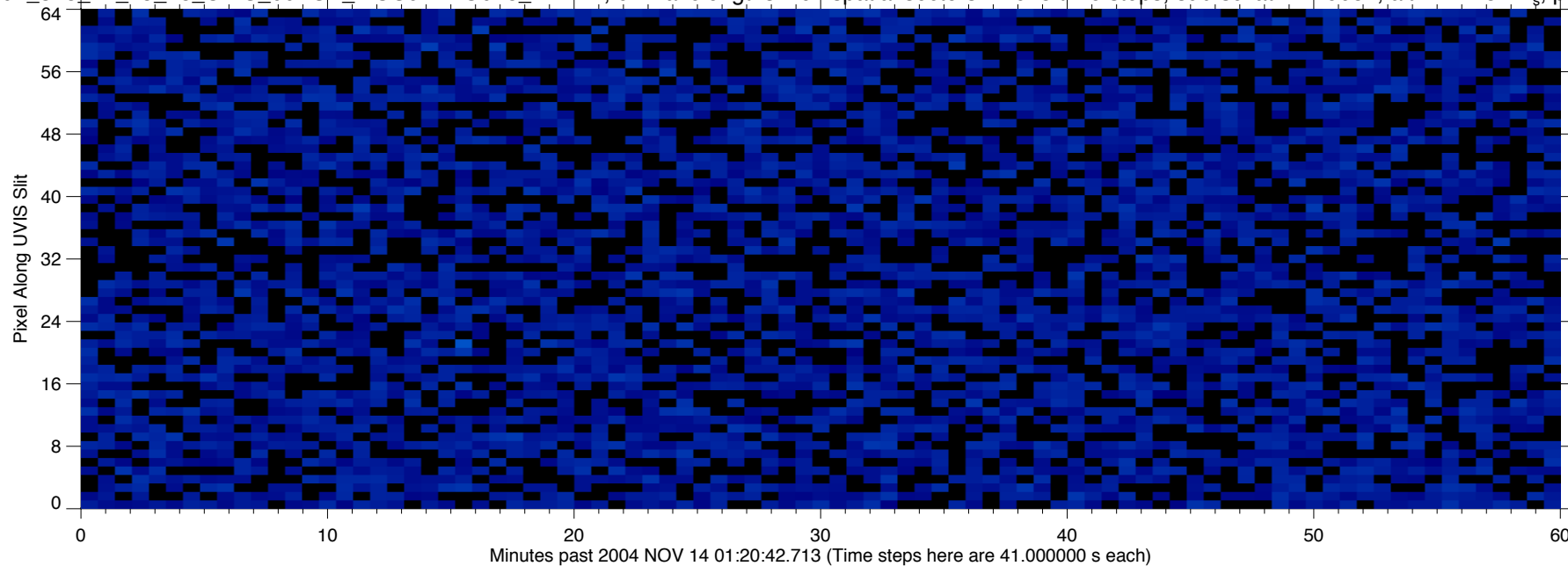
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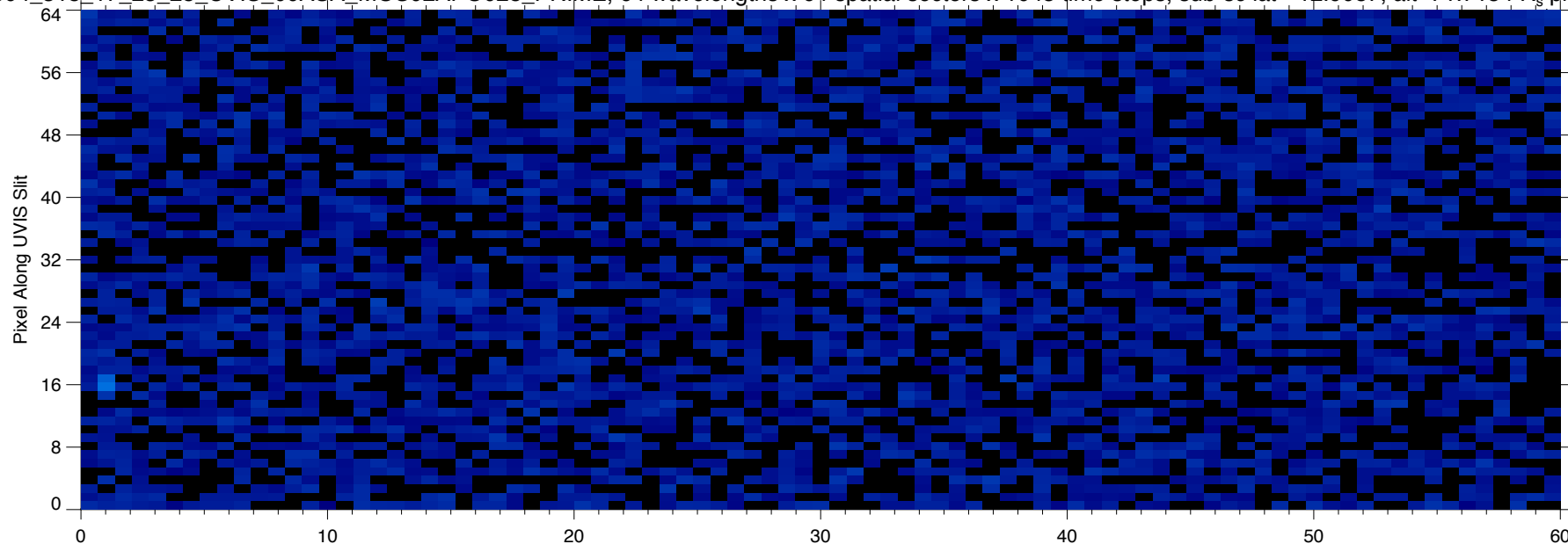
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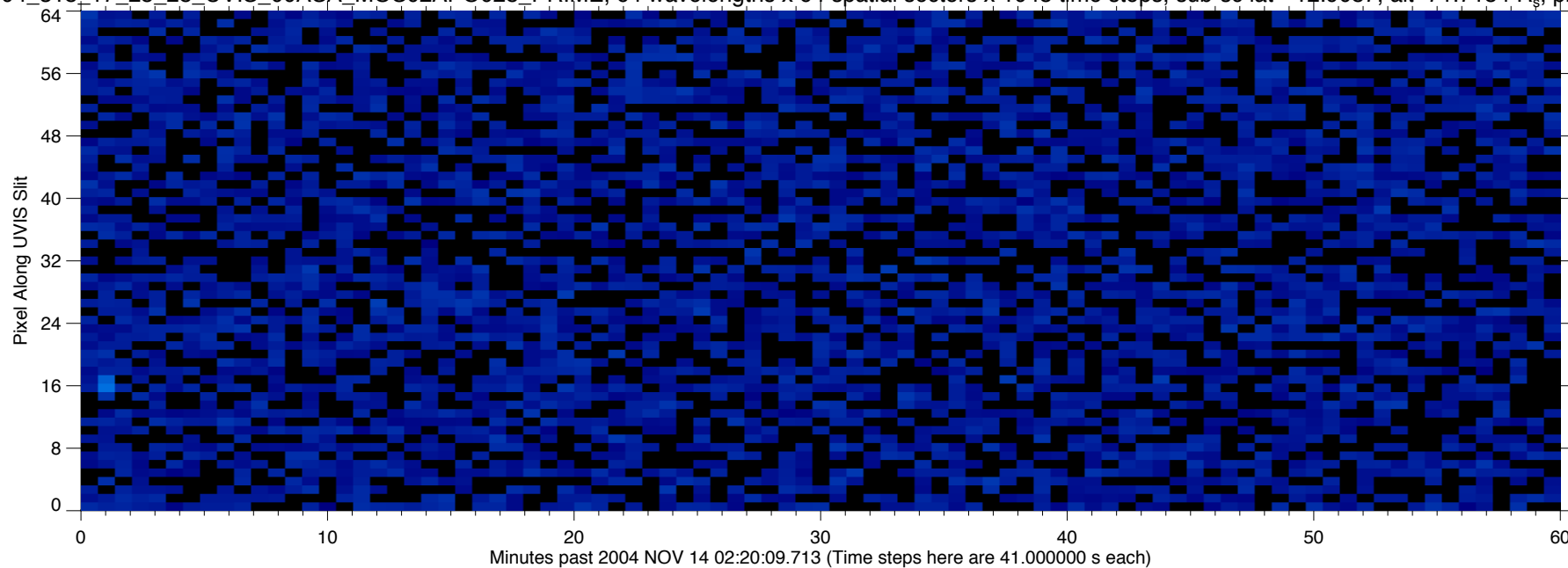
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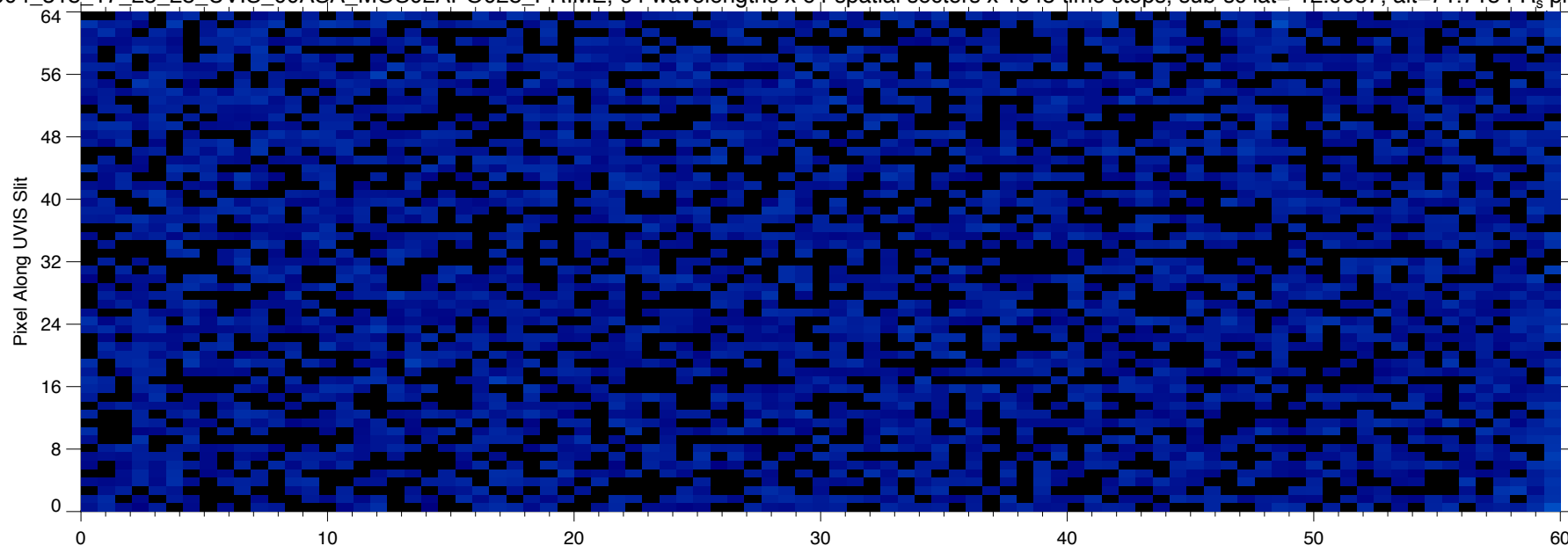
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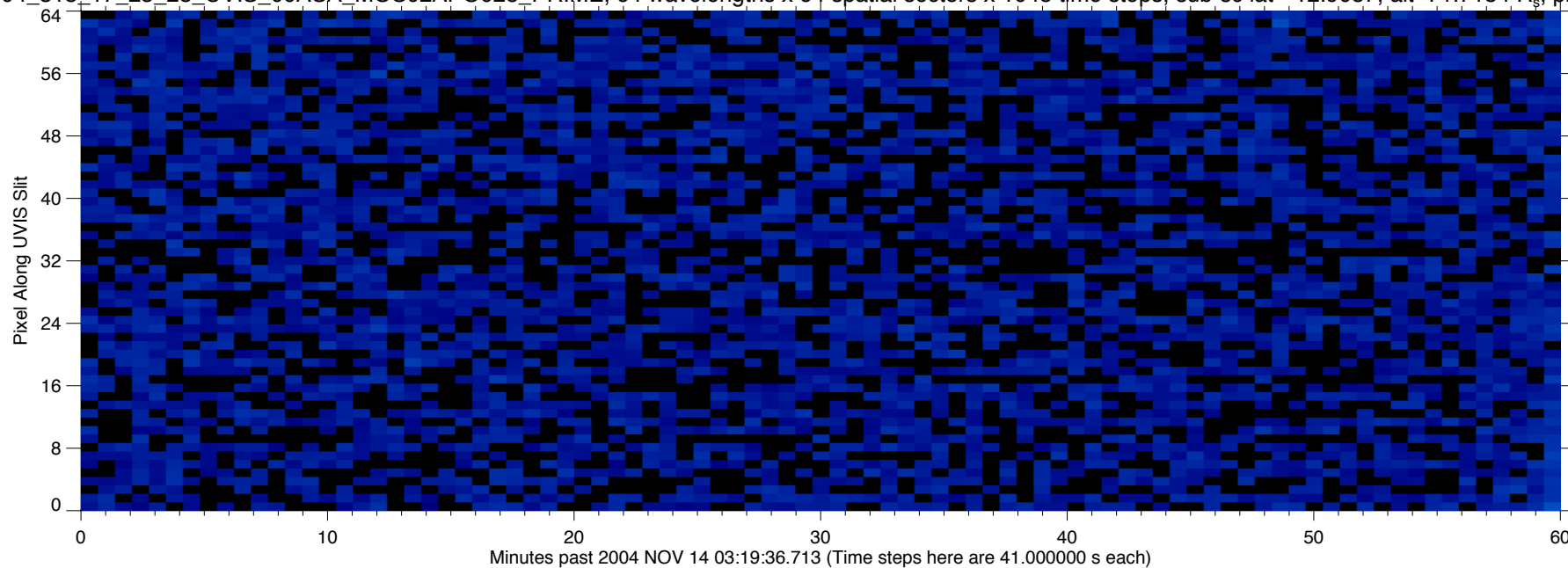
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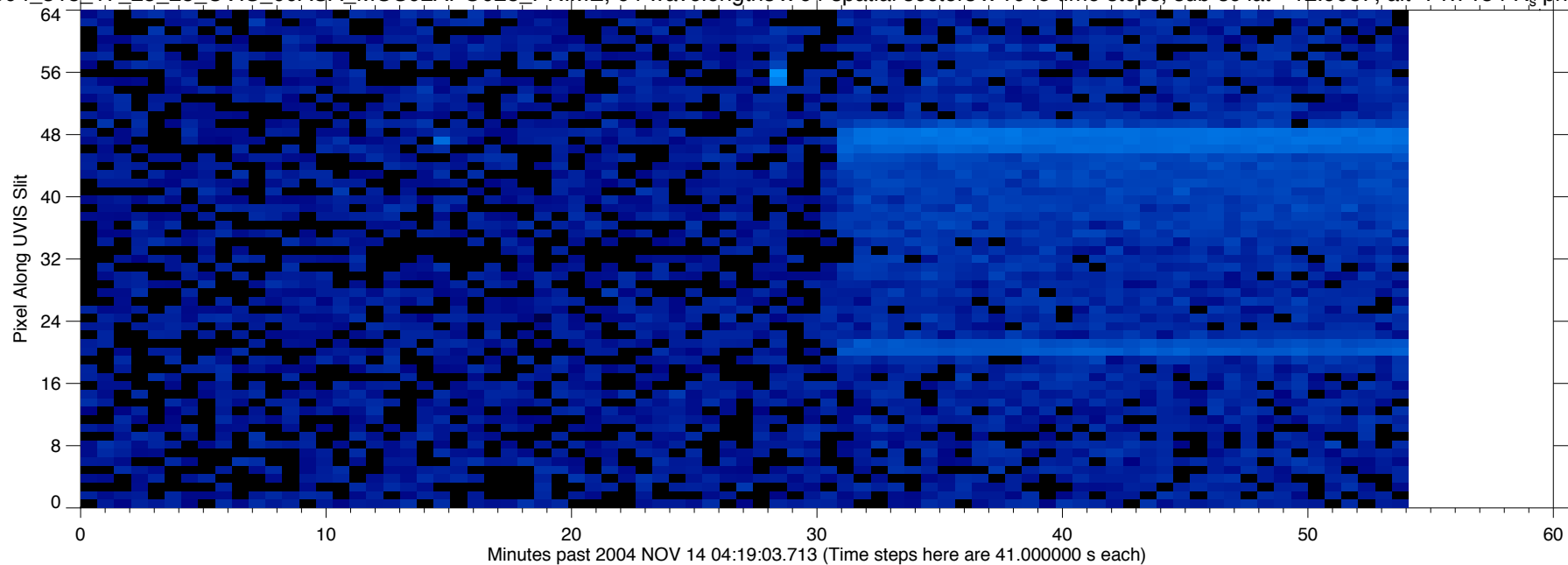
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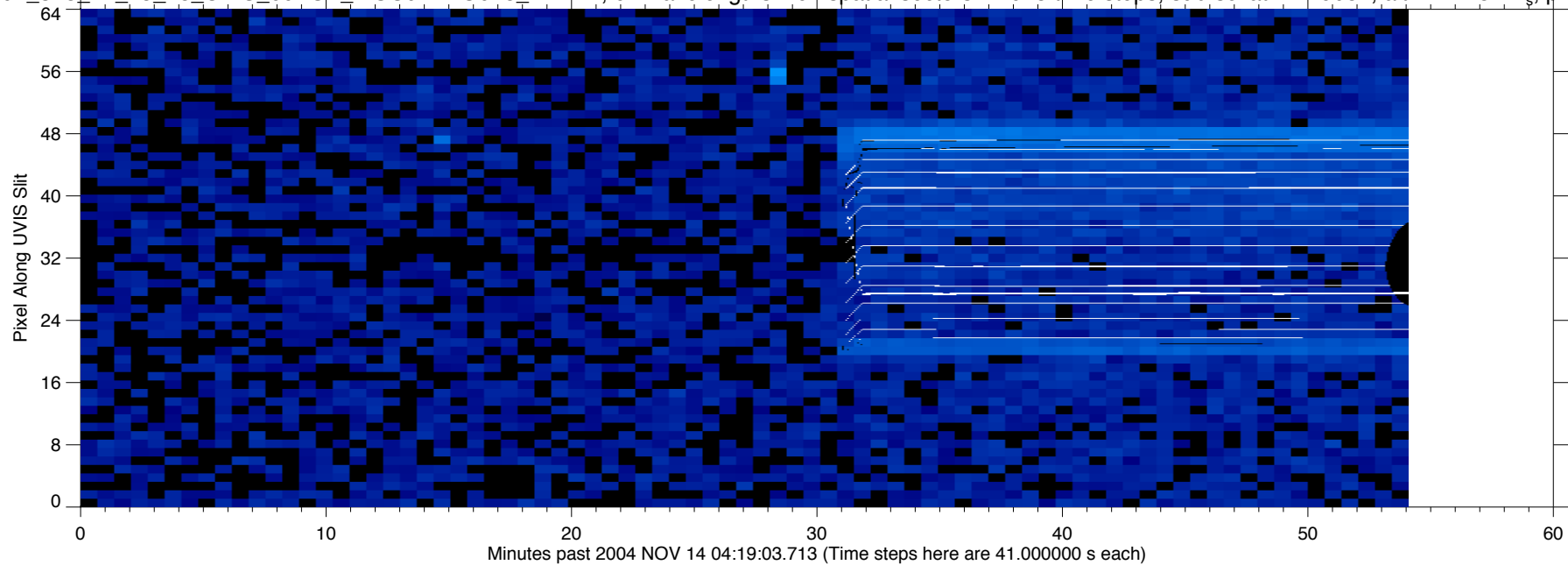
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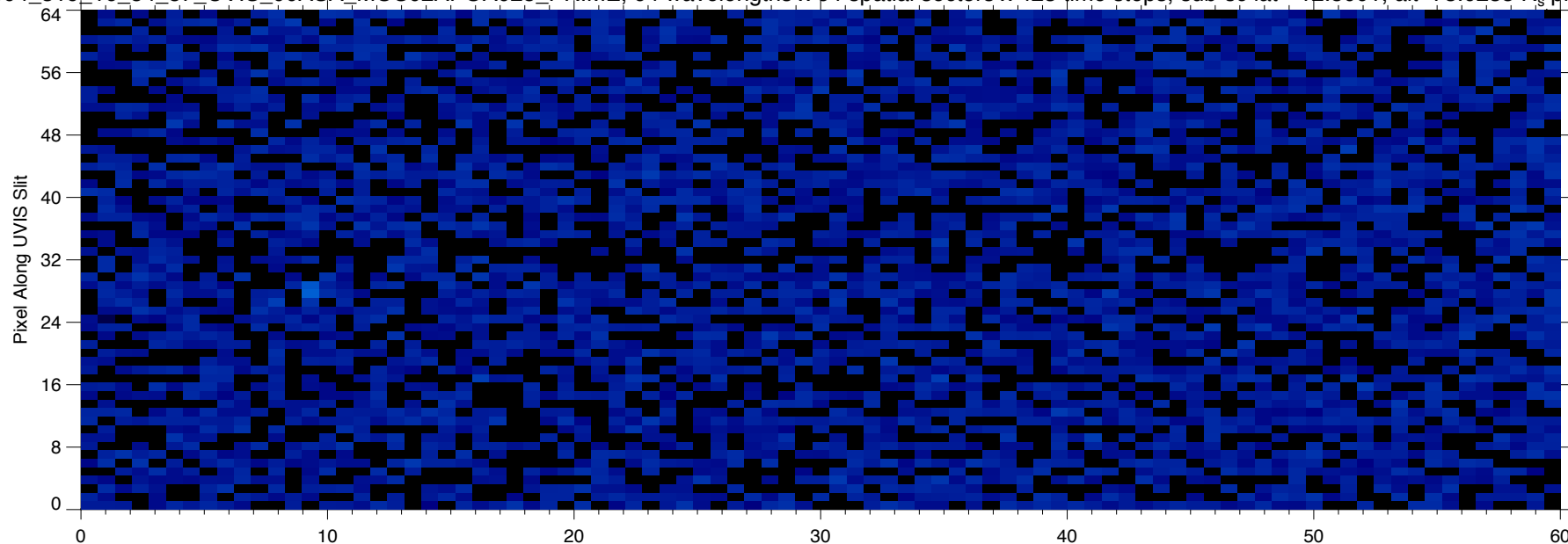
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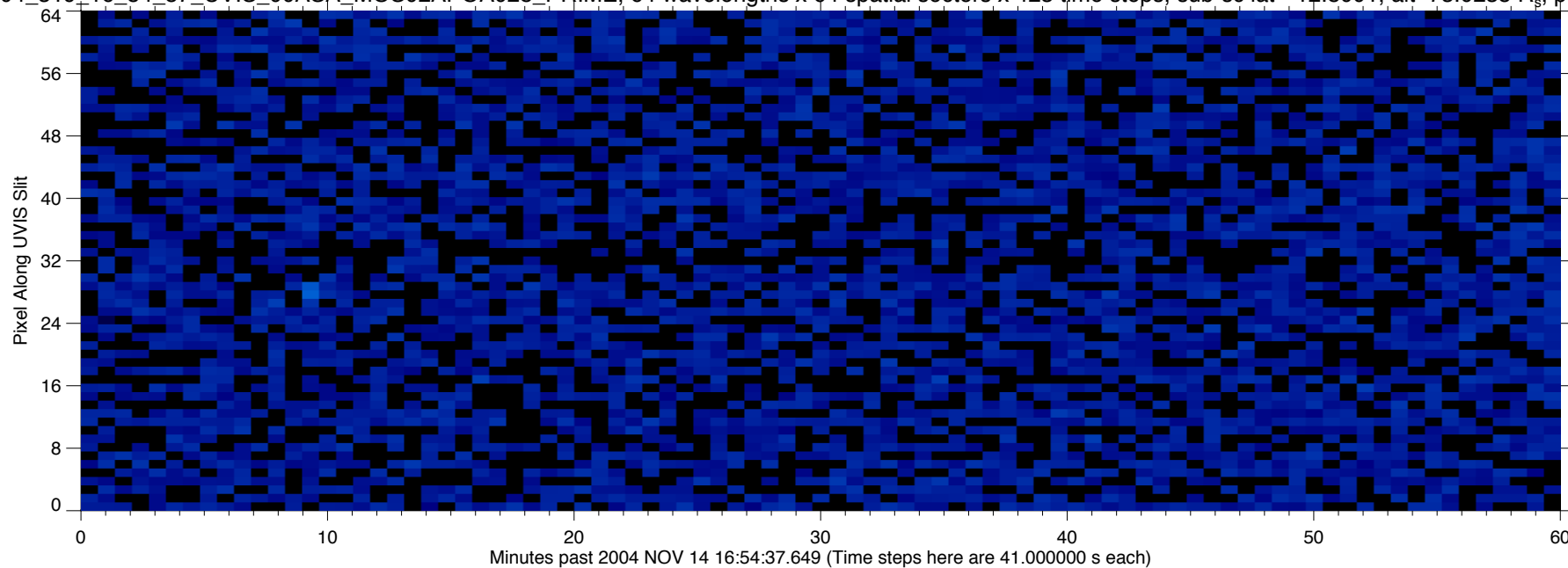
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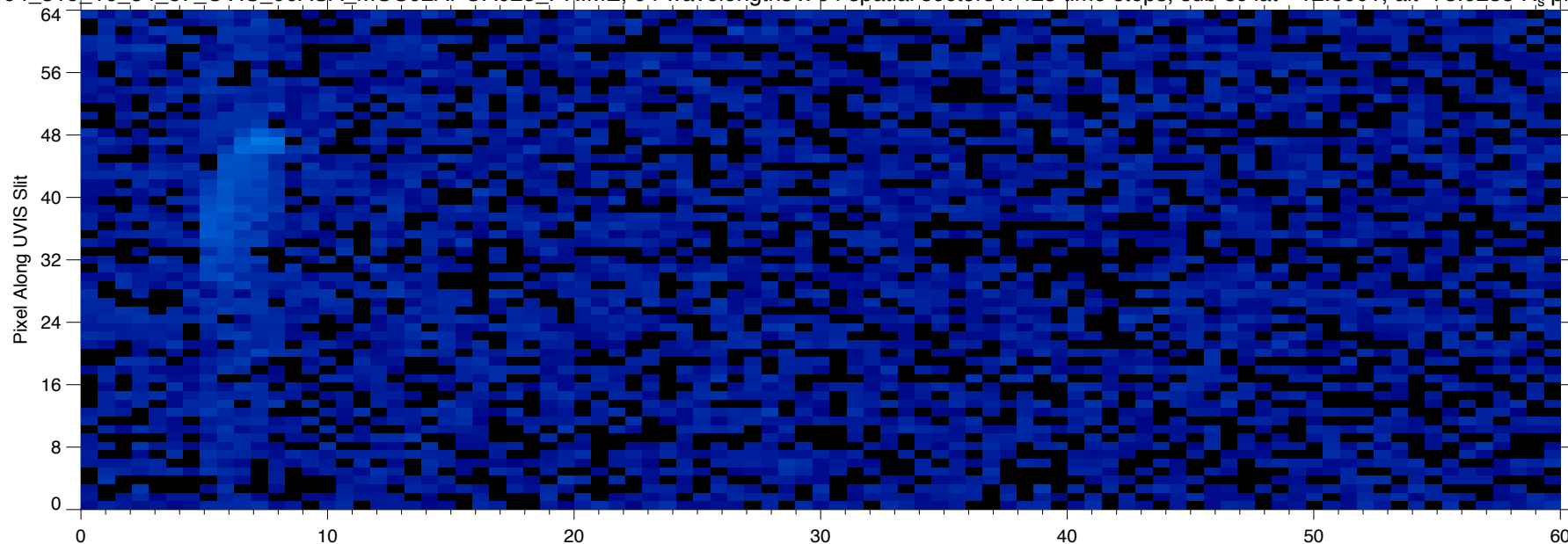
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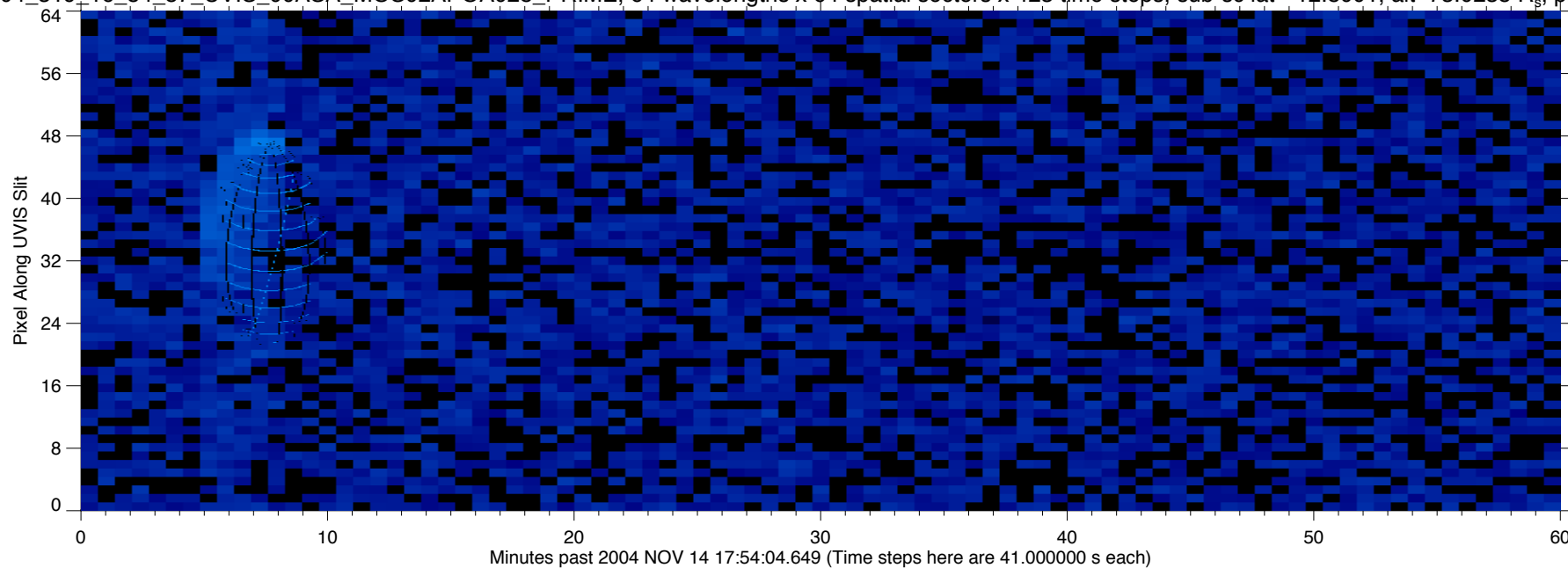
FUV2004_319_16_54_57_UVIS_00ASA_MOS02APOA028_PRIME, 64 wavelengths x 64 spatial sectors x 423 time steps, sub-sc lat=-12.8001, alt=73.0235 R_s, phase=83.9786



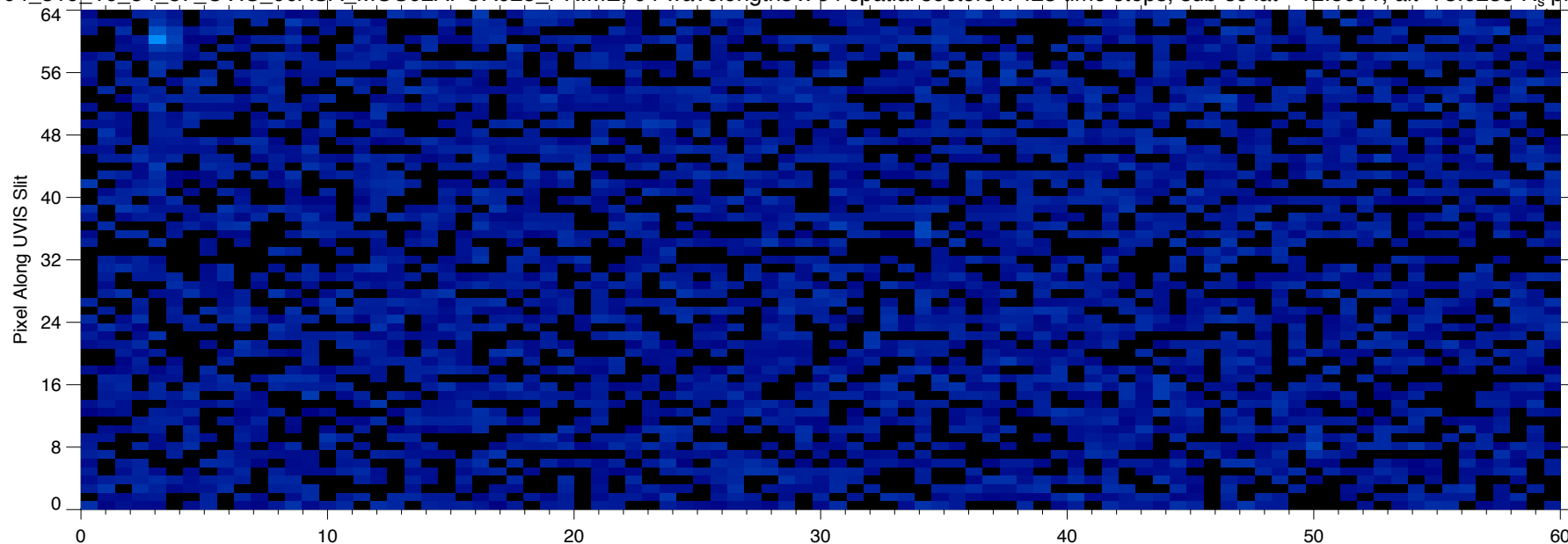
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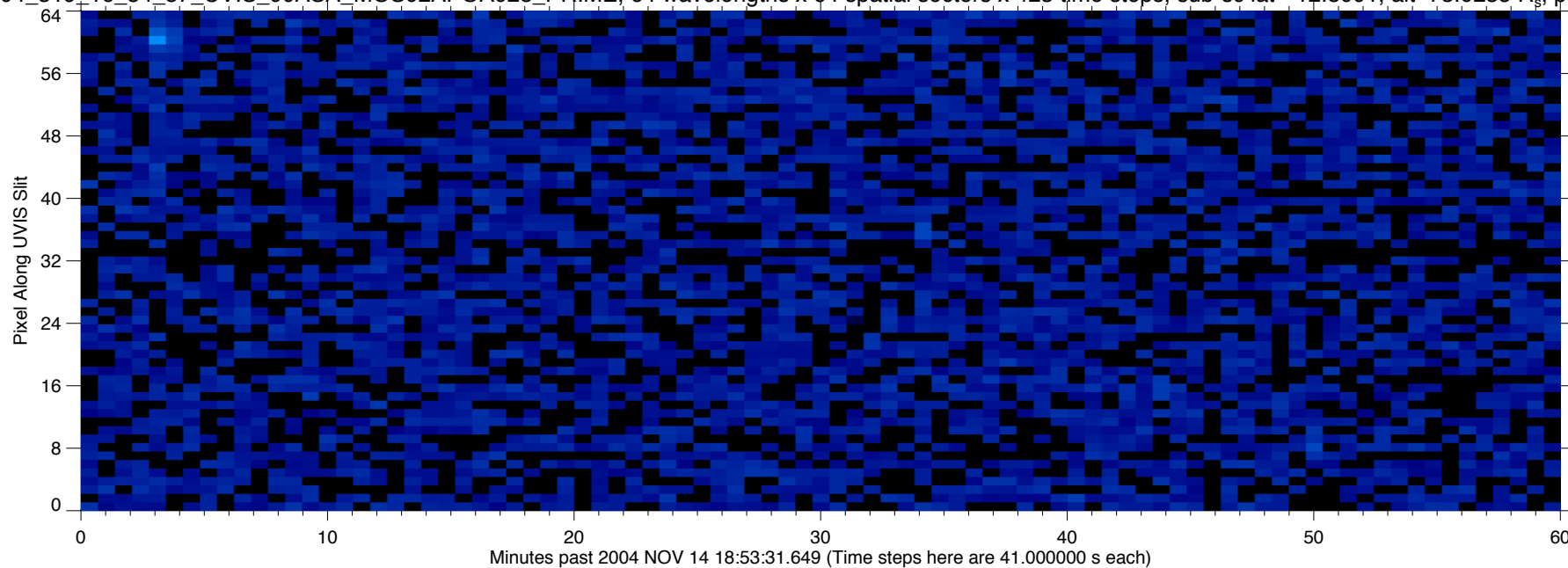
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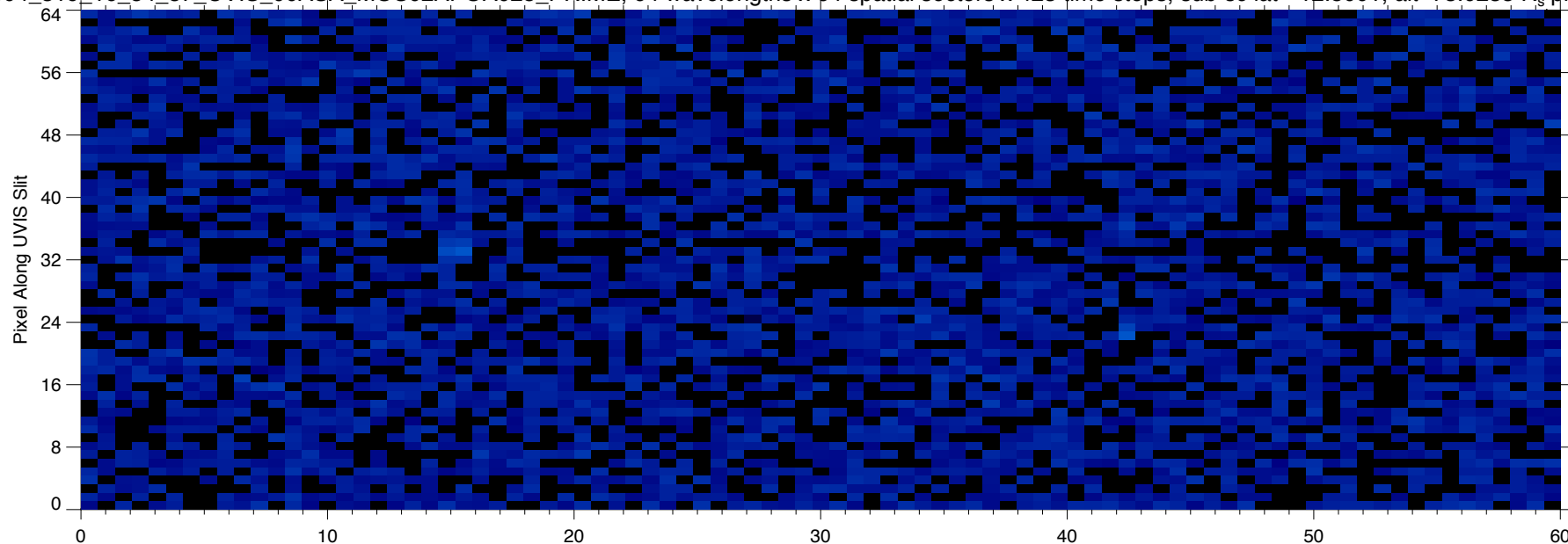
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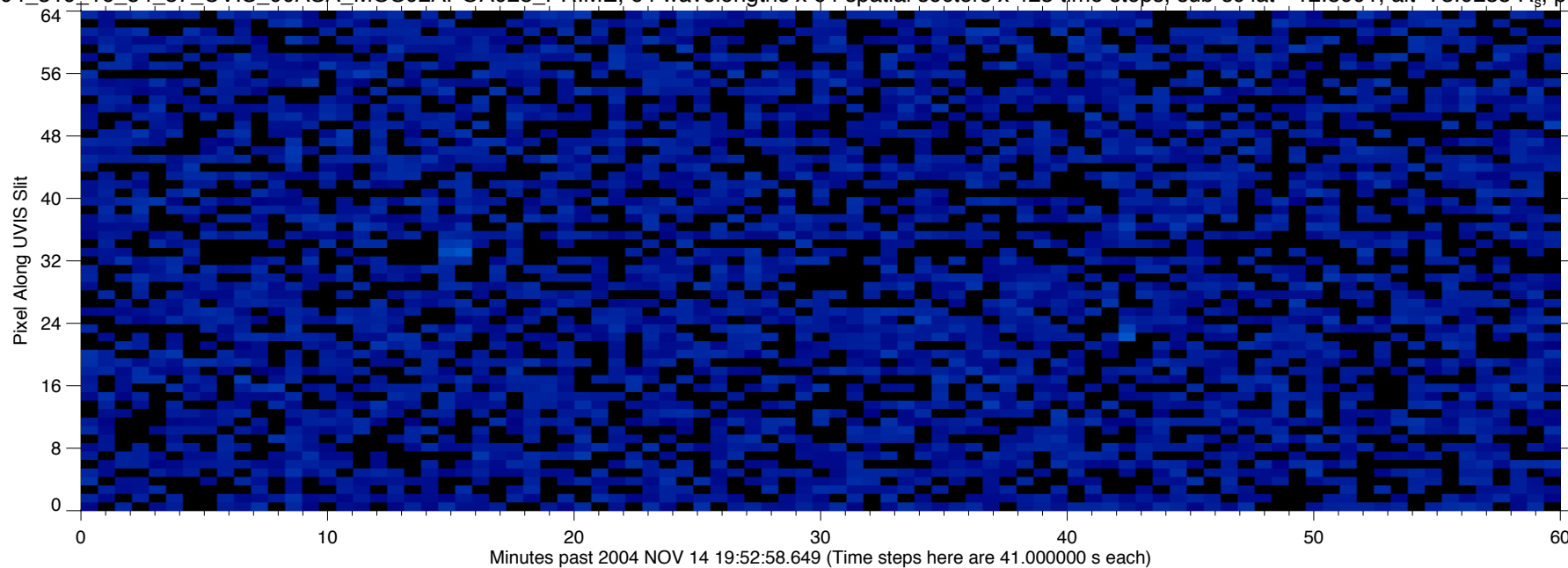
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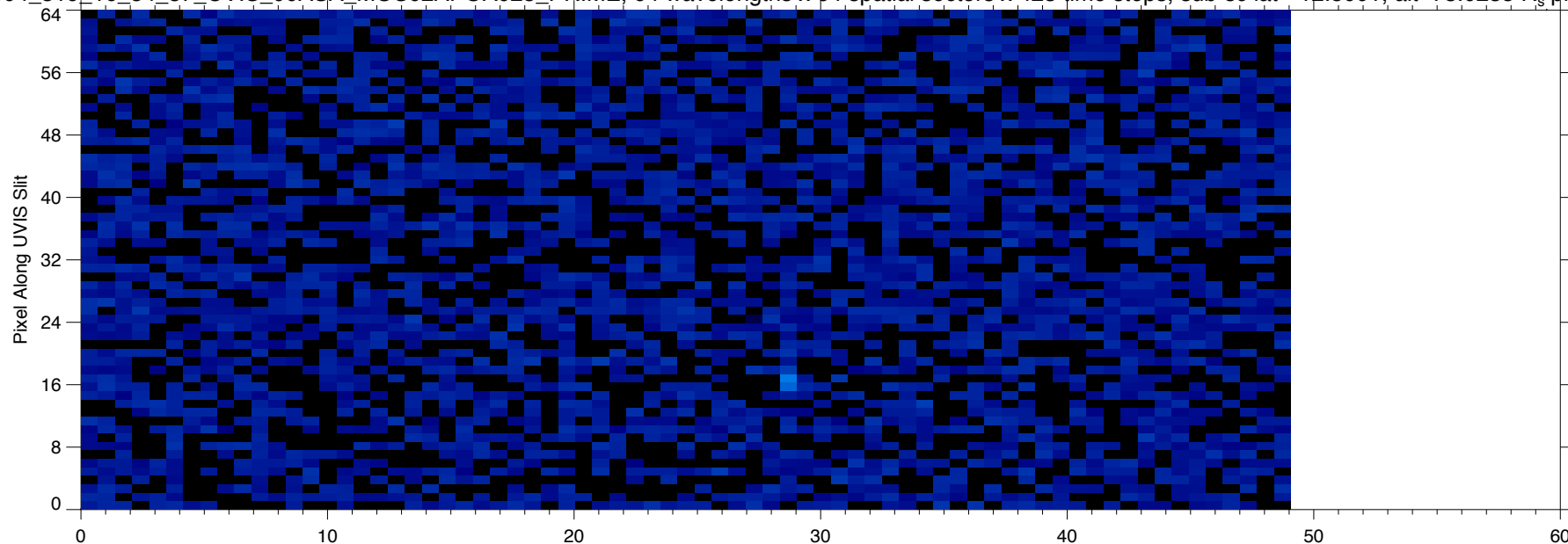
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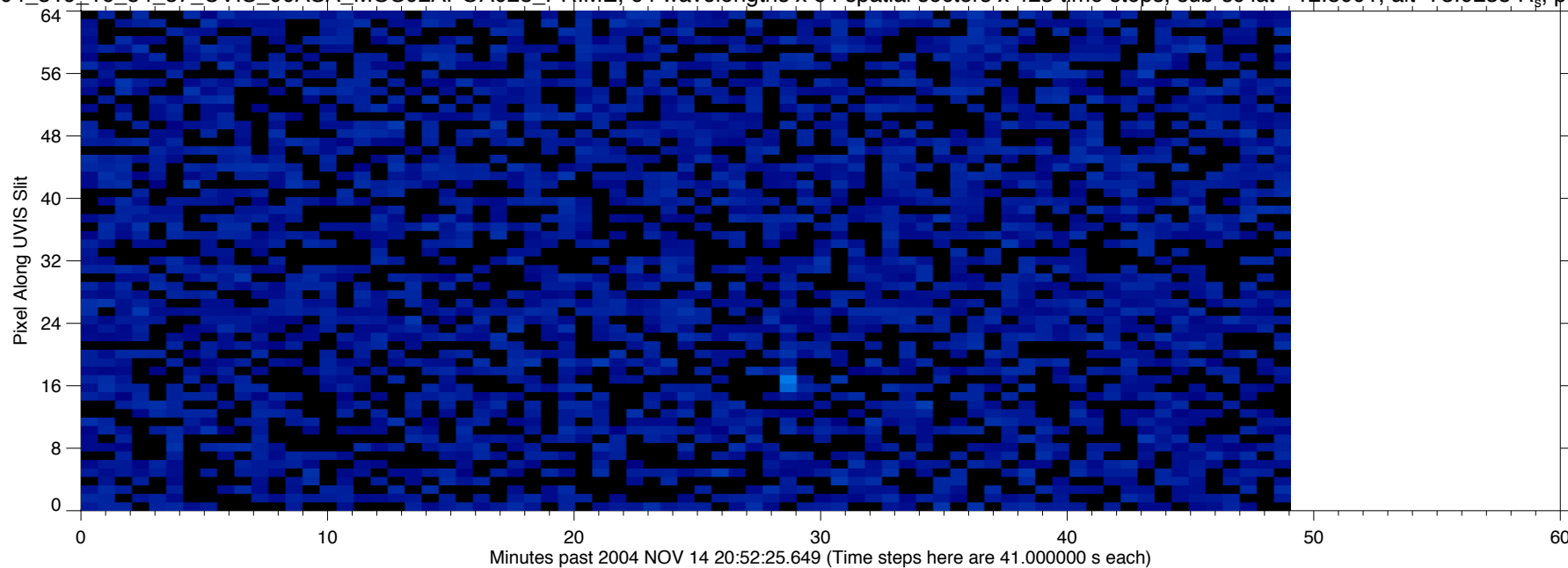
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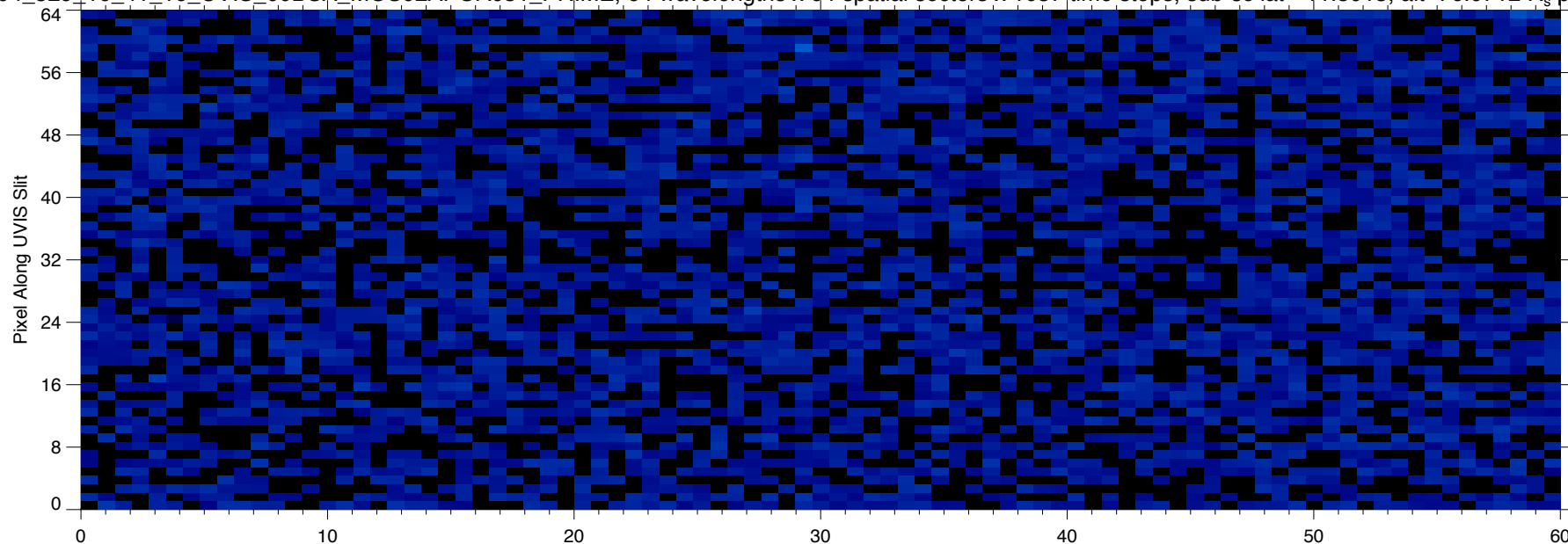
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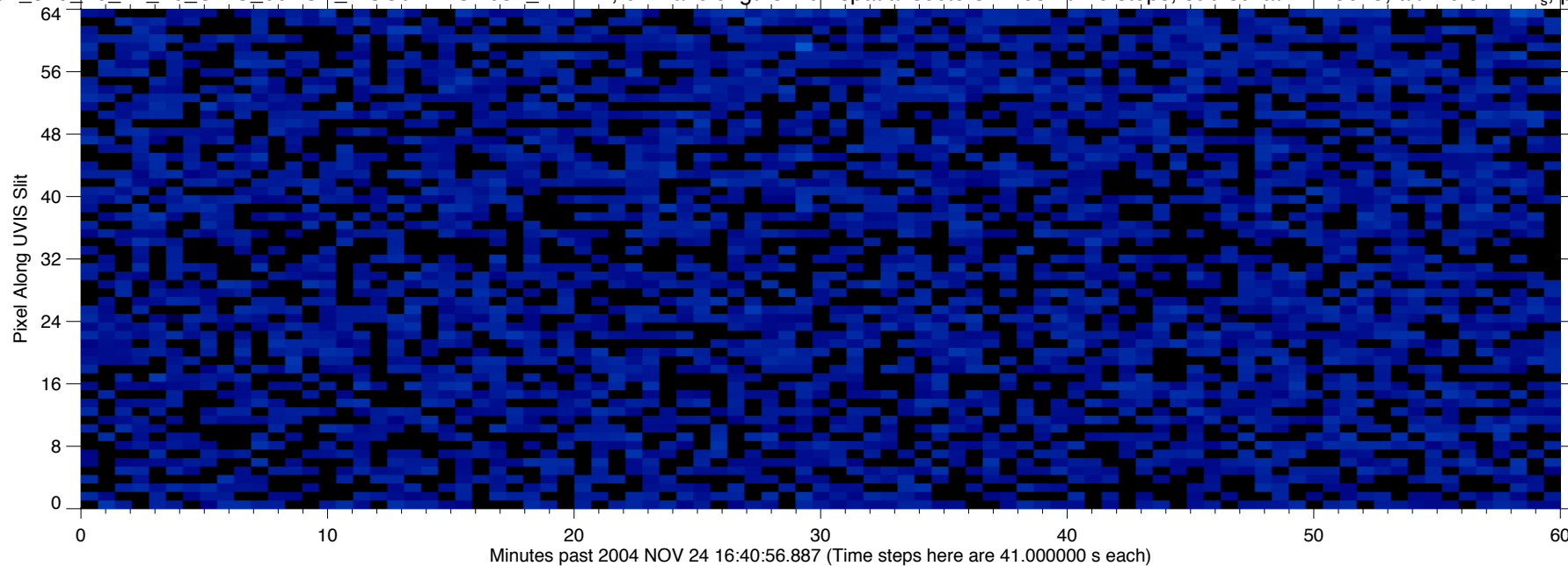
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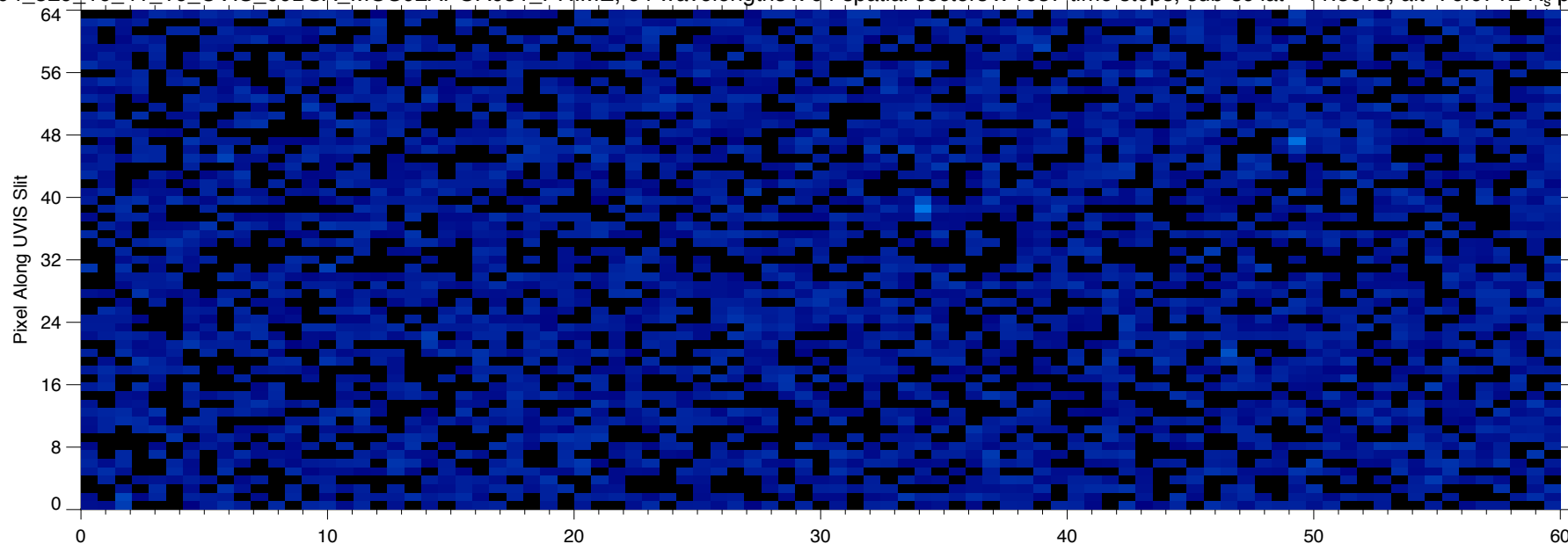
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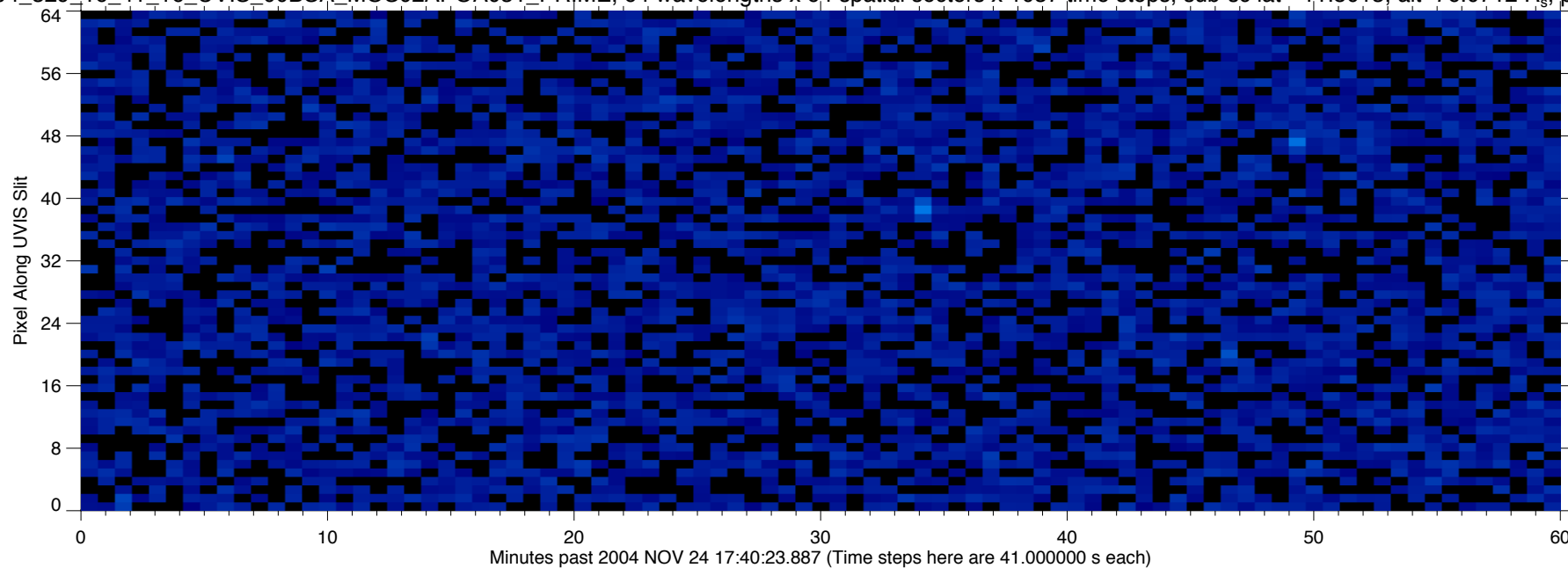
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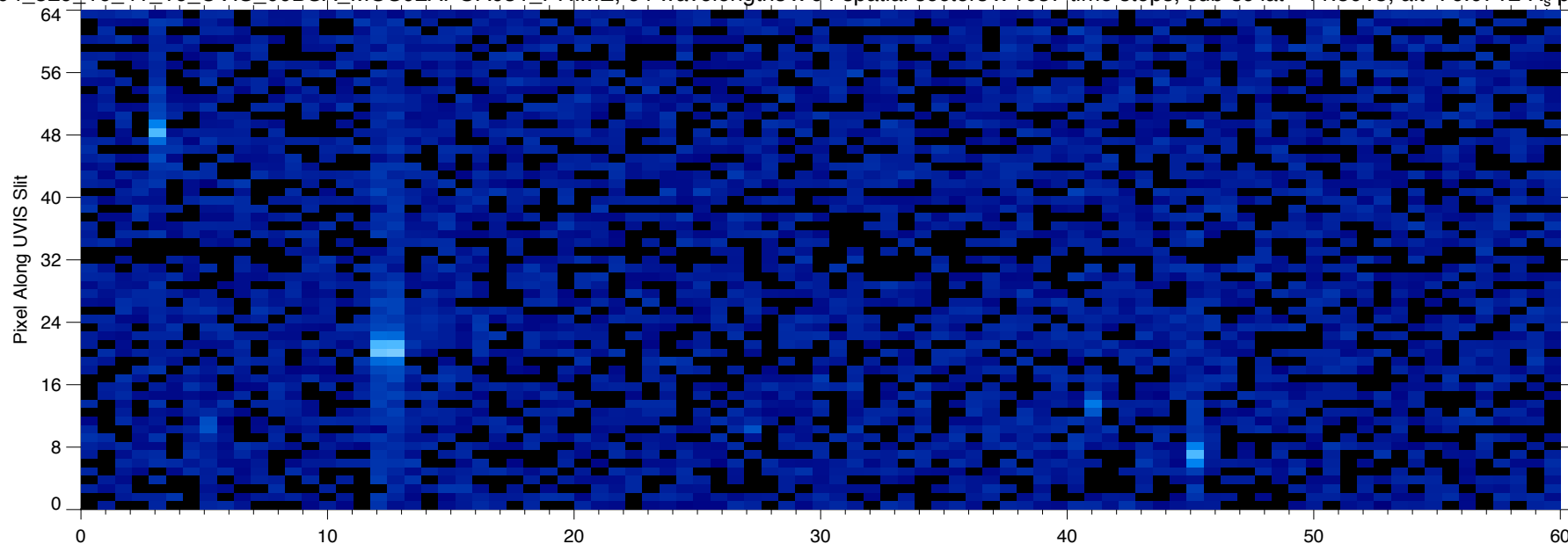
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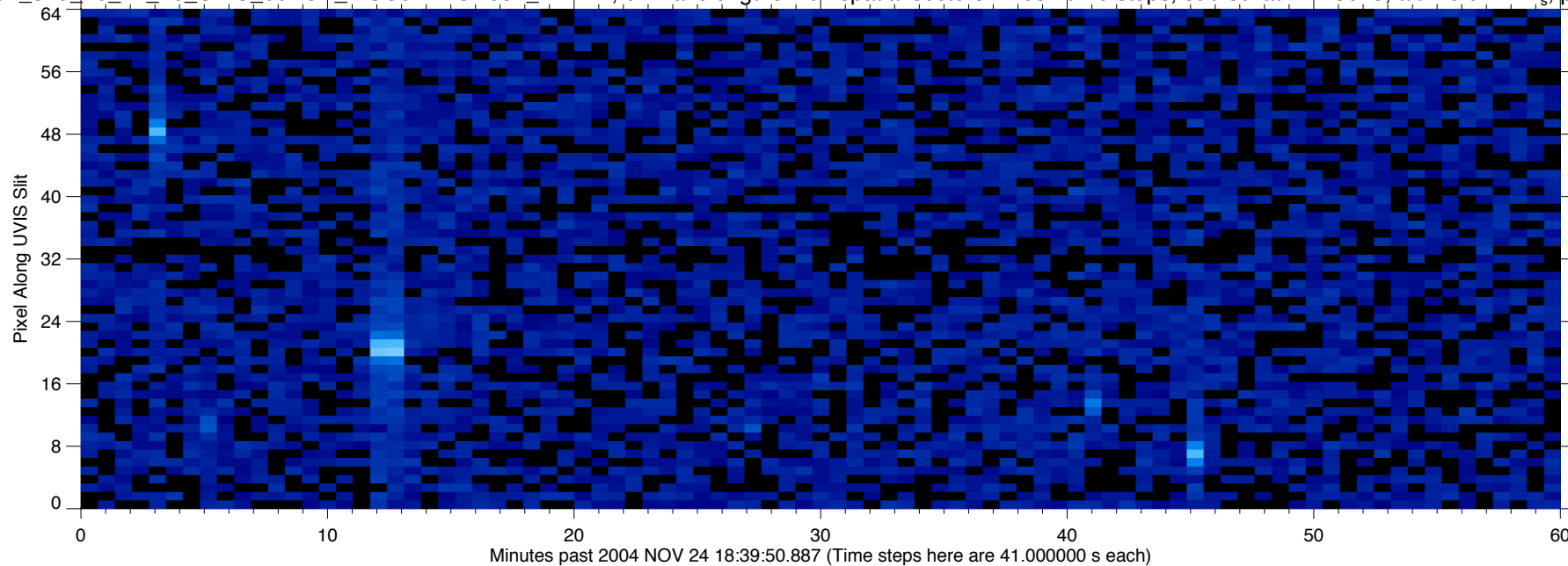
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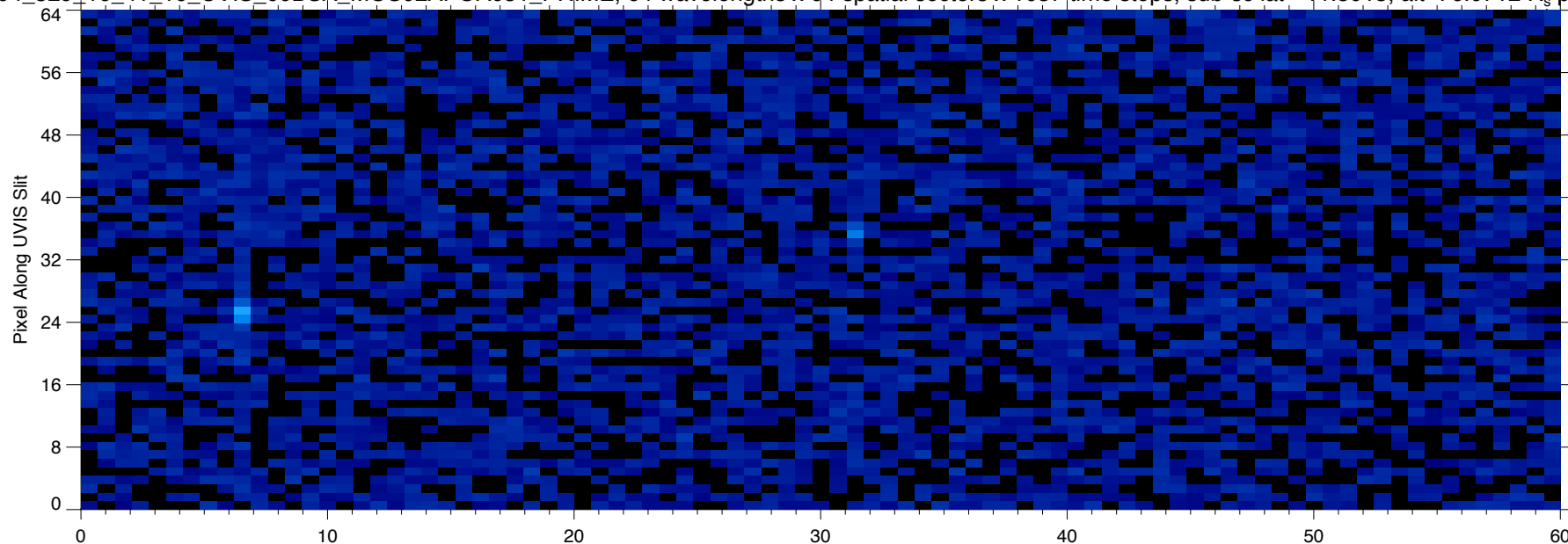
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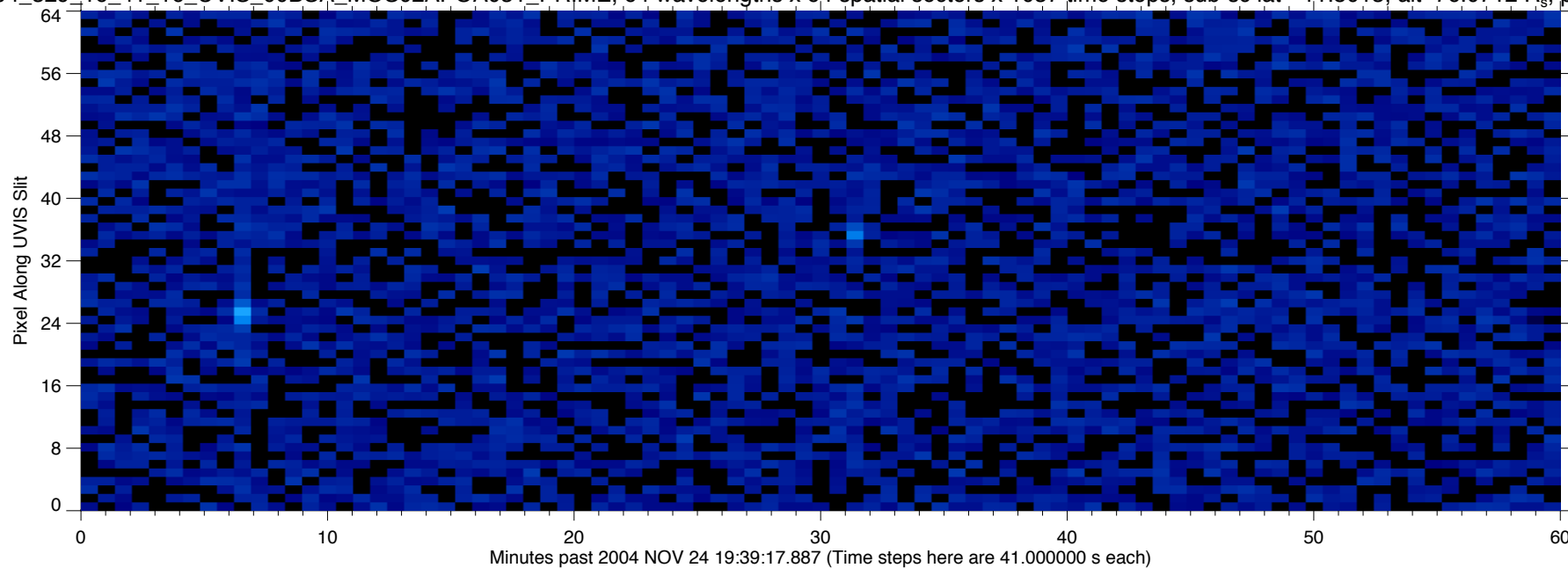
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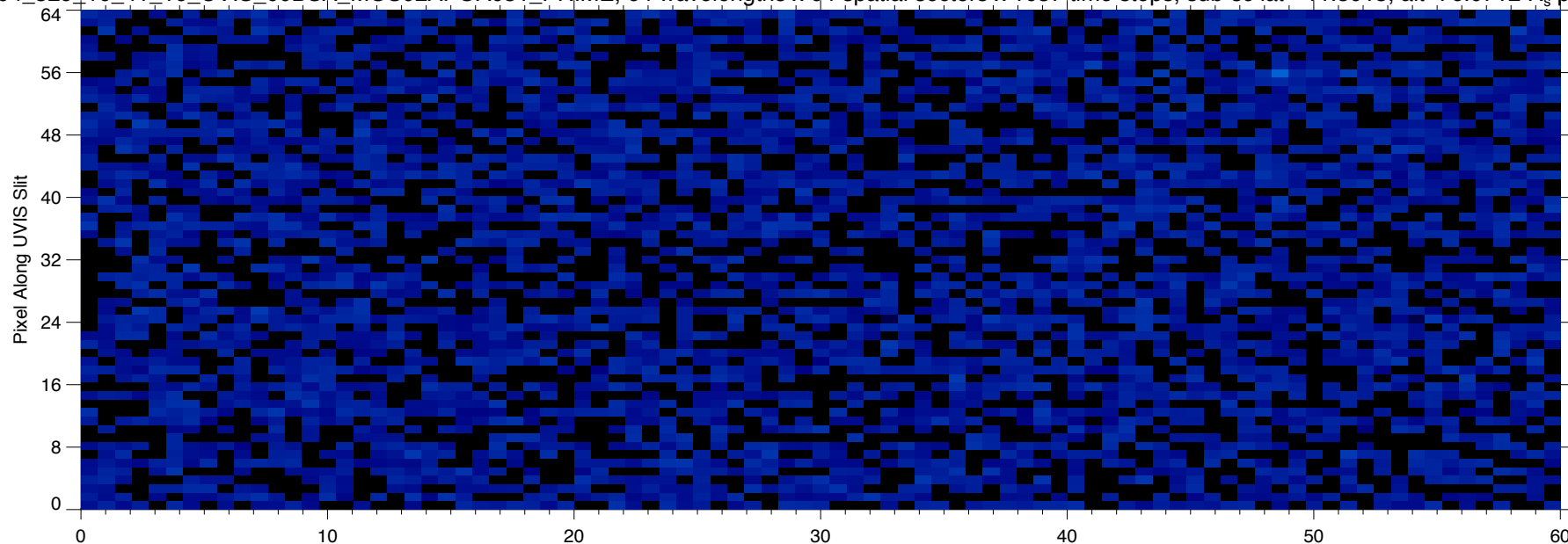
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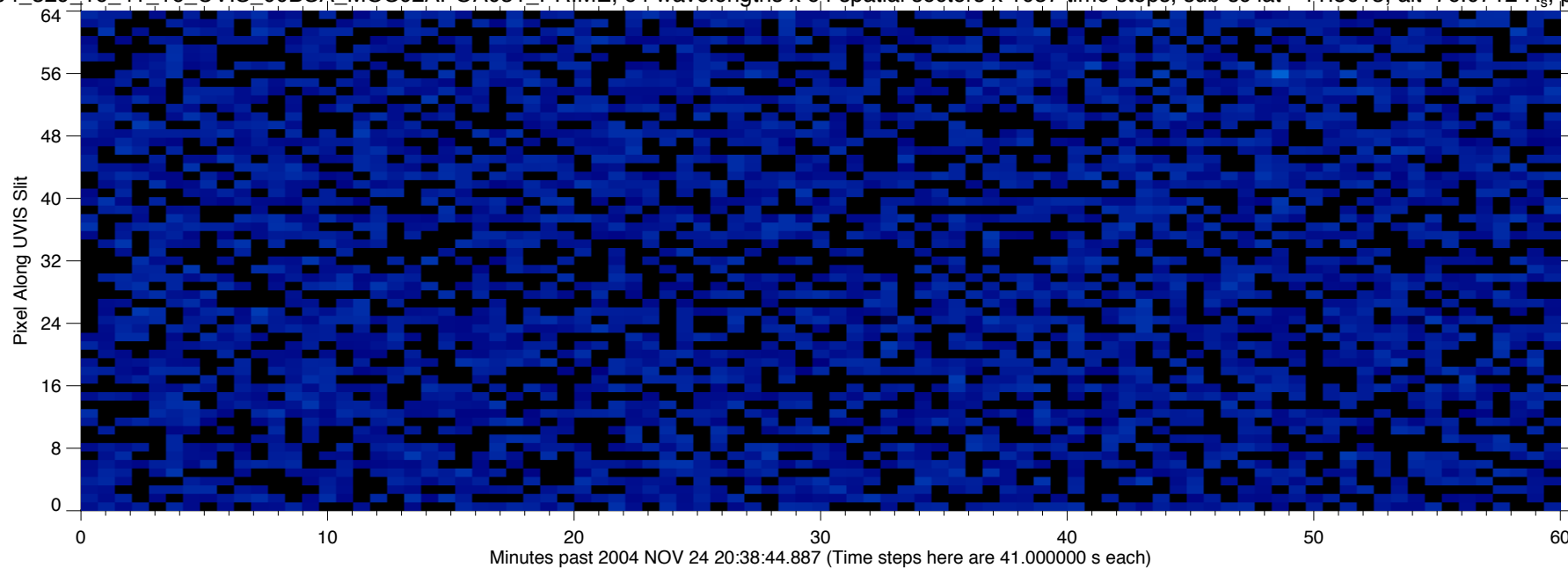
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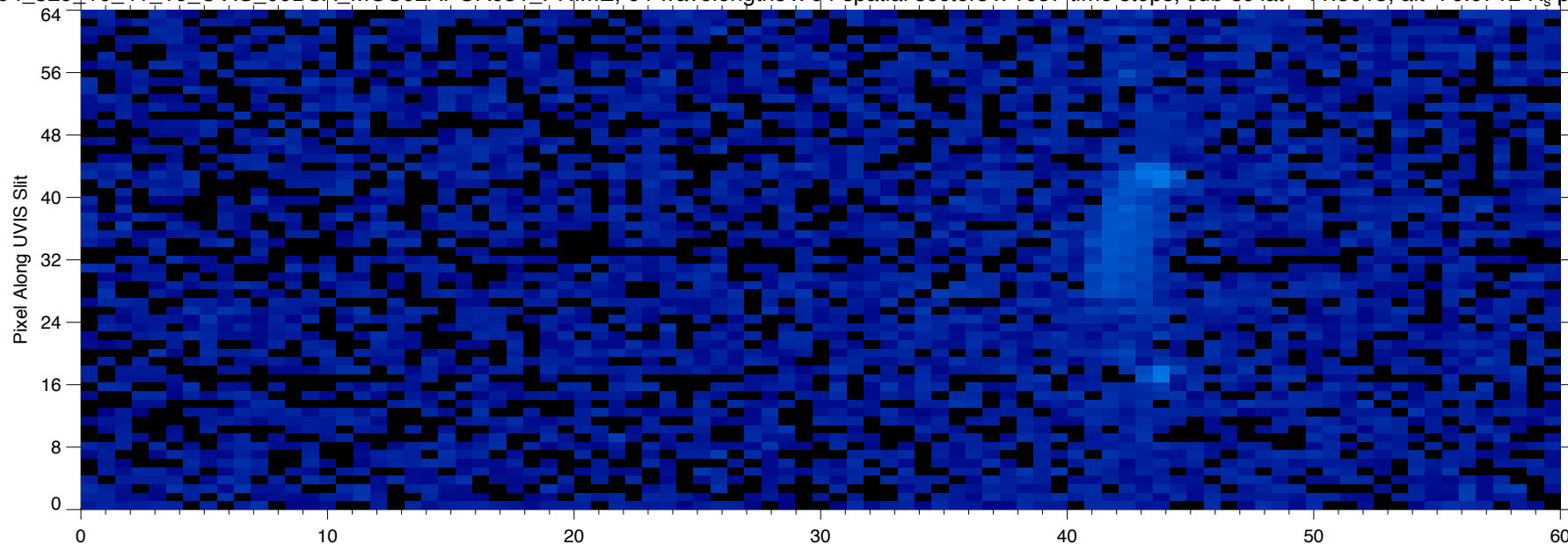
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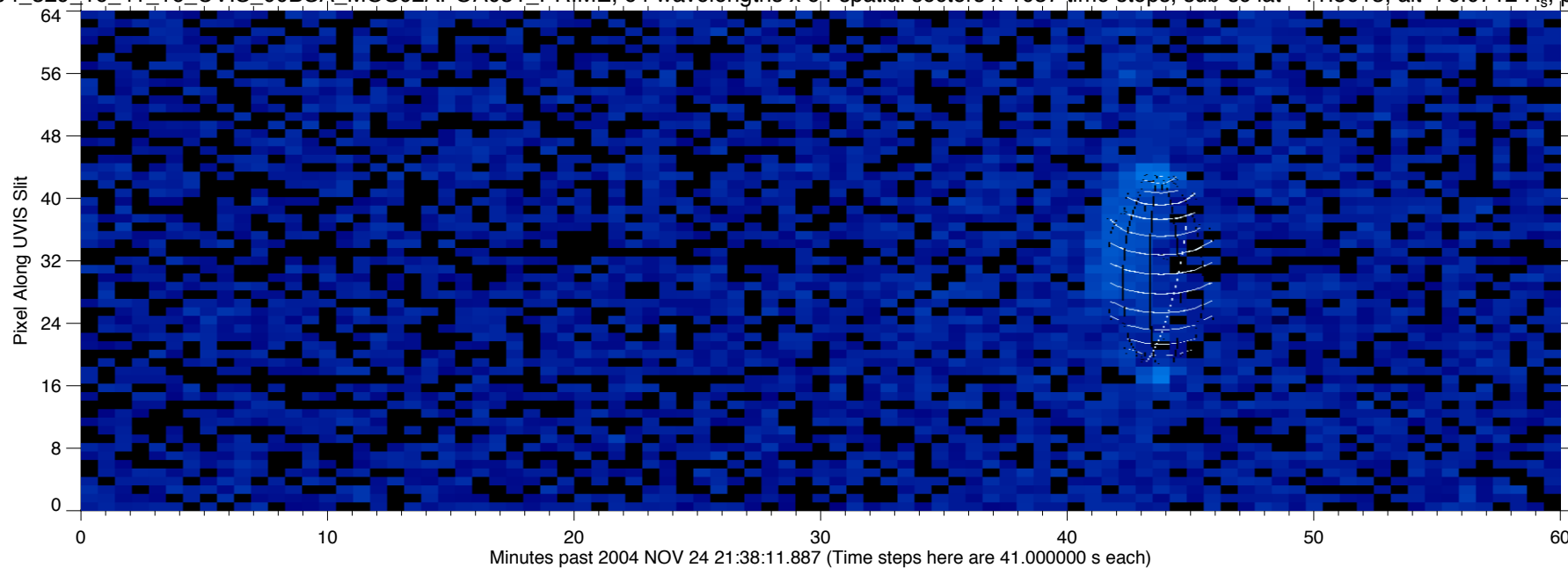
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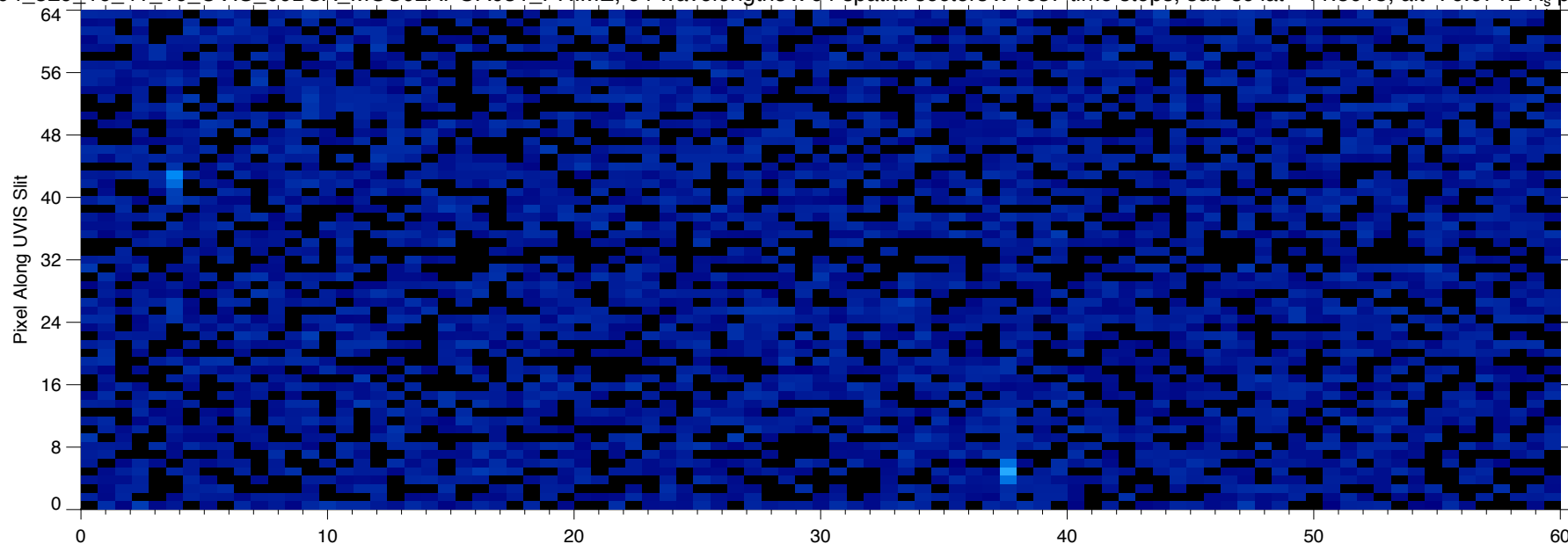
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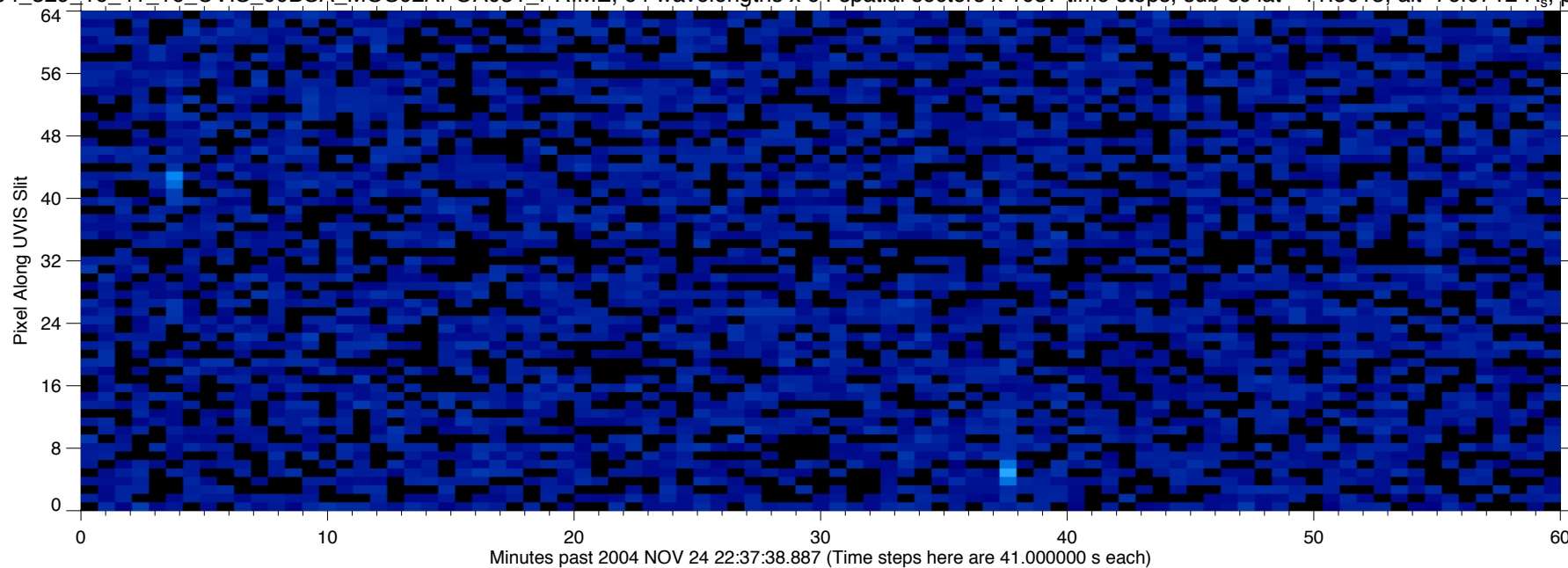
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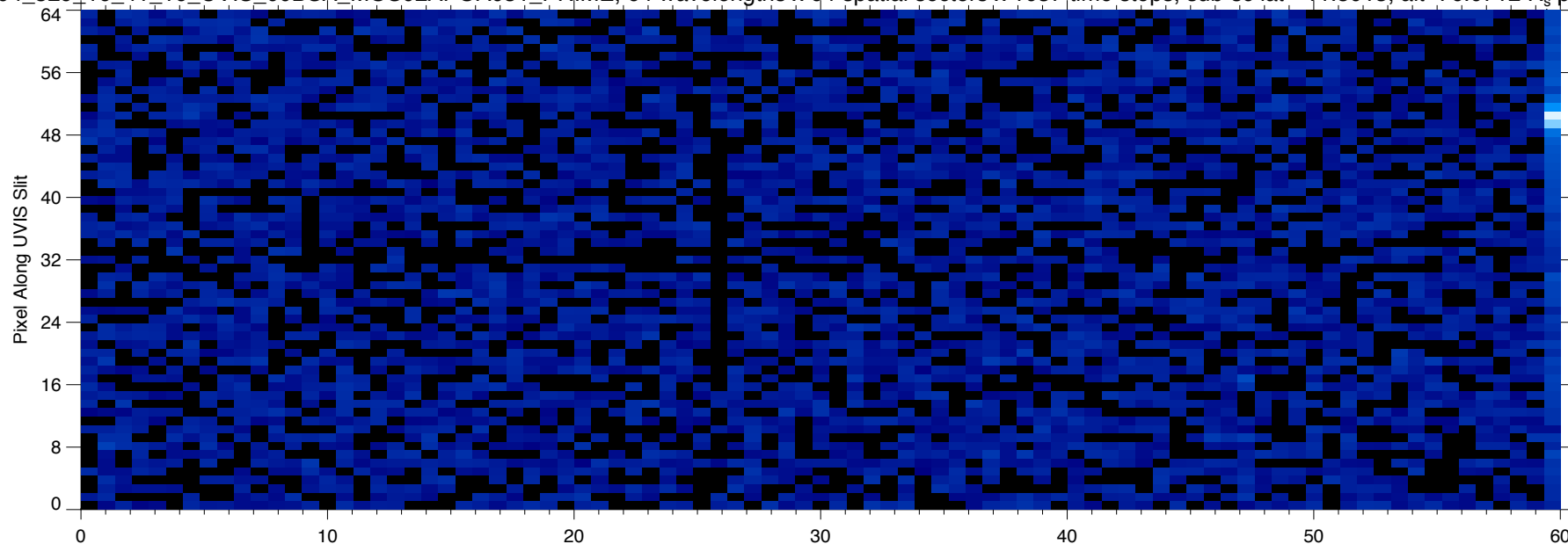
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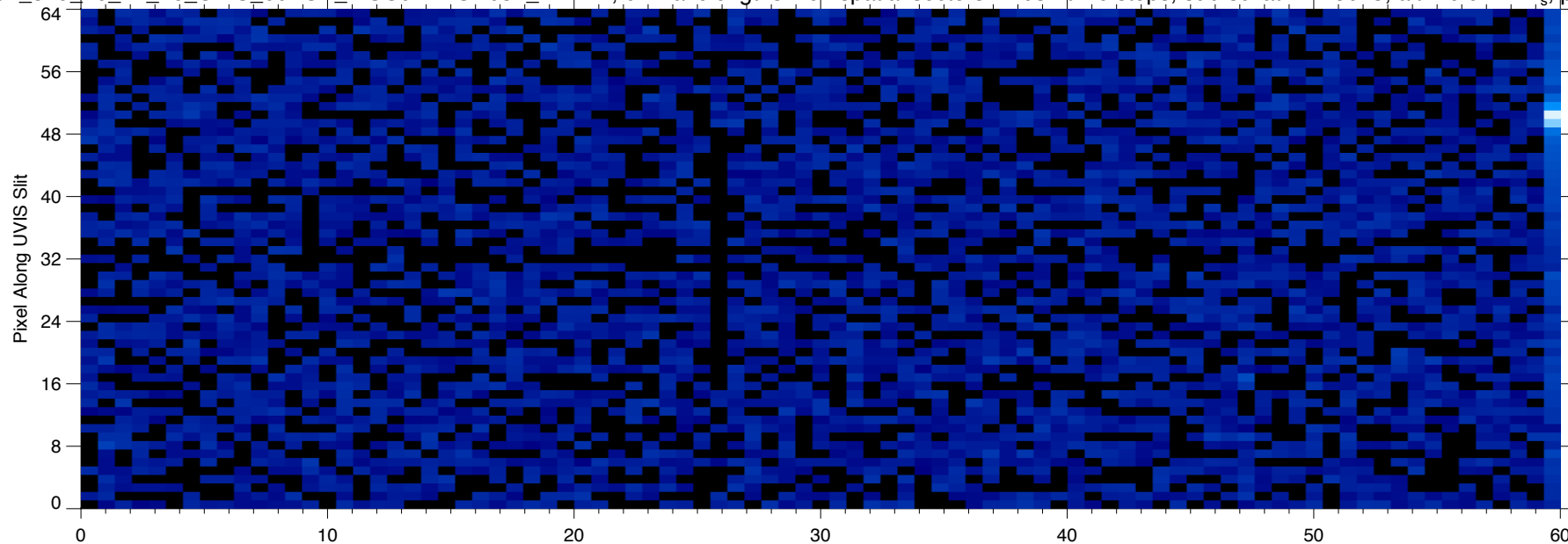
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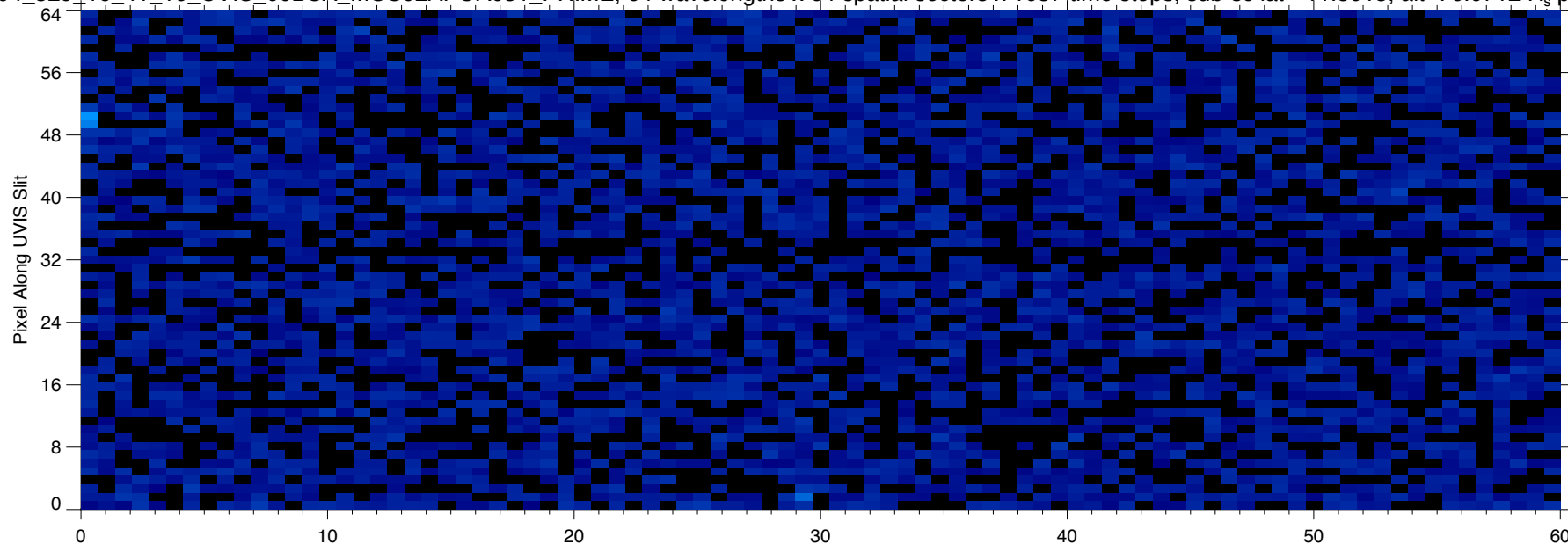
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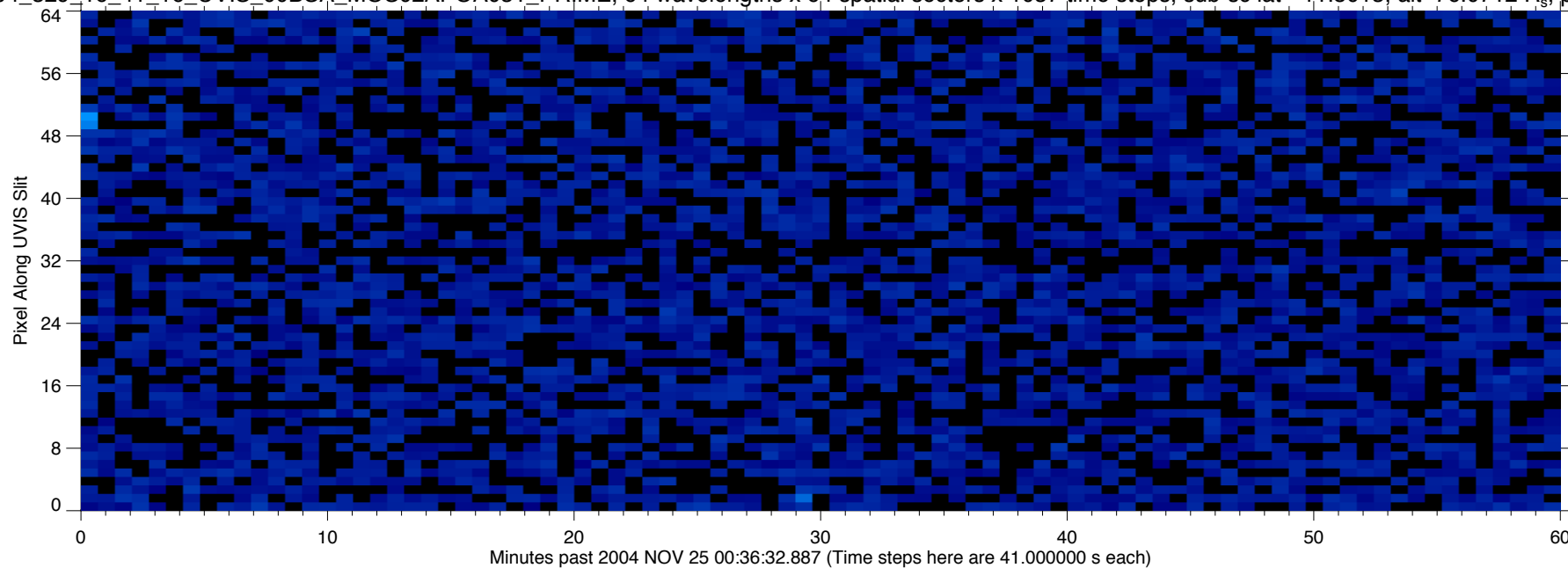
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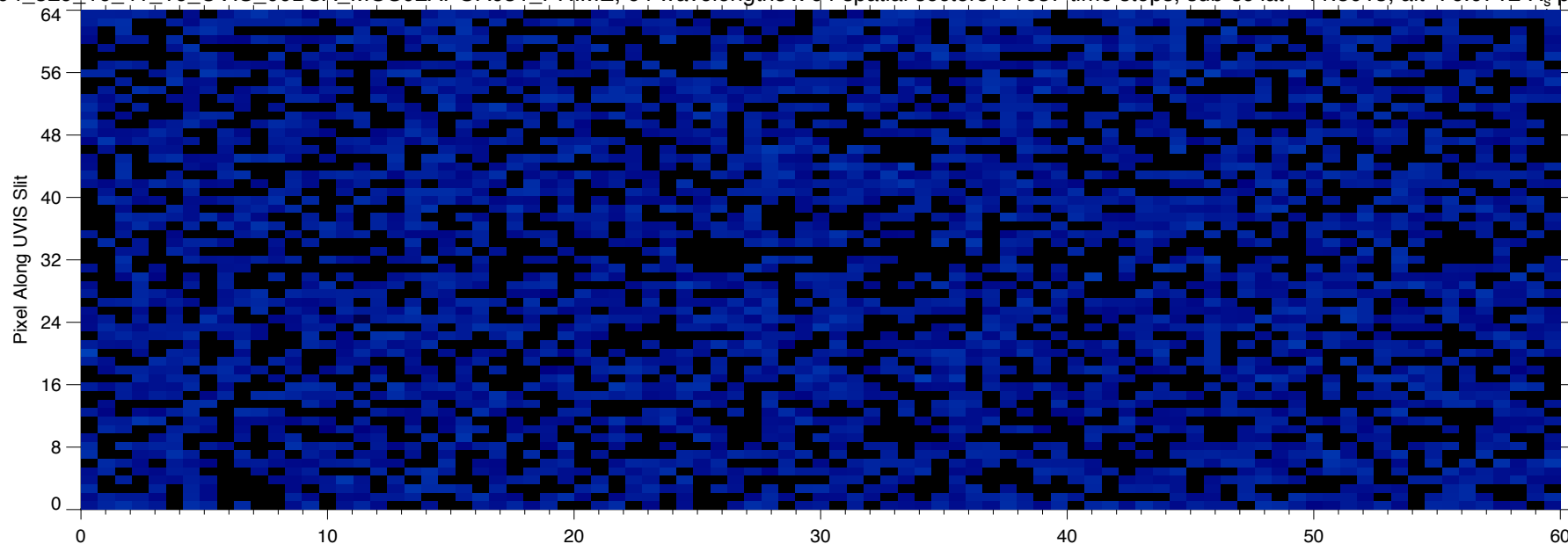
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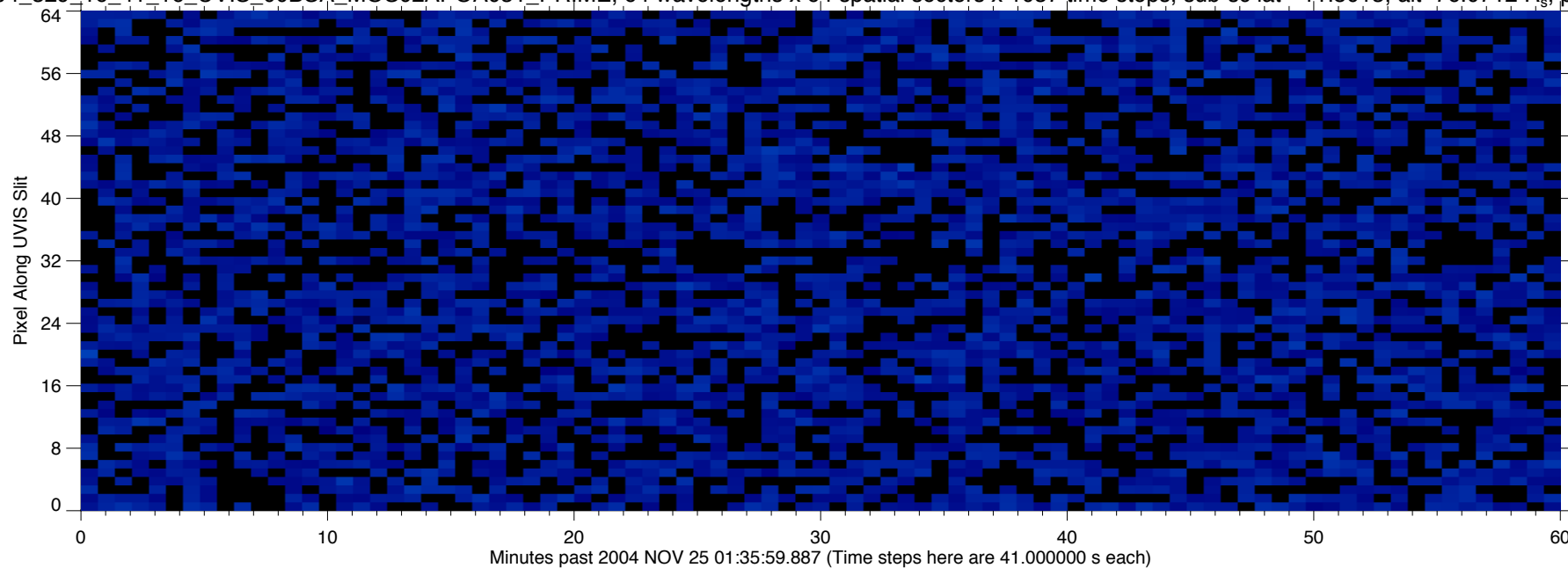
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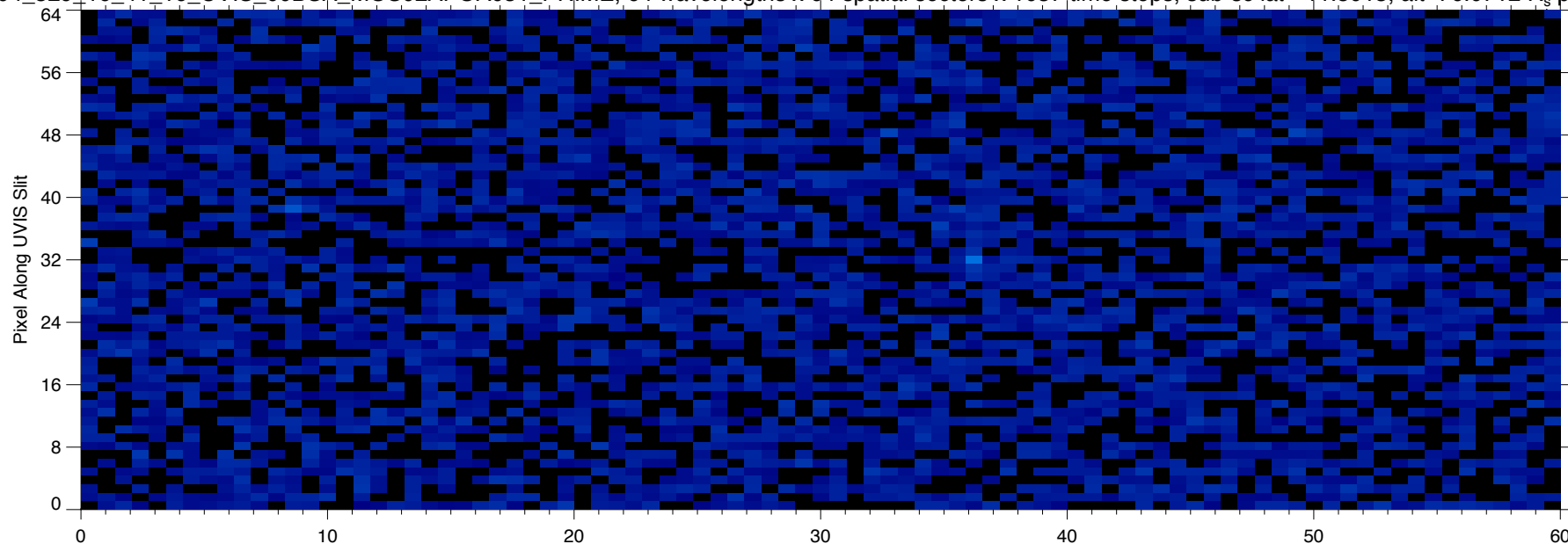
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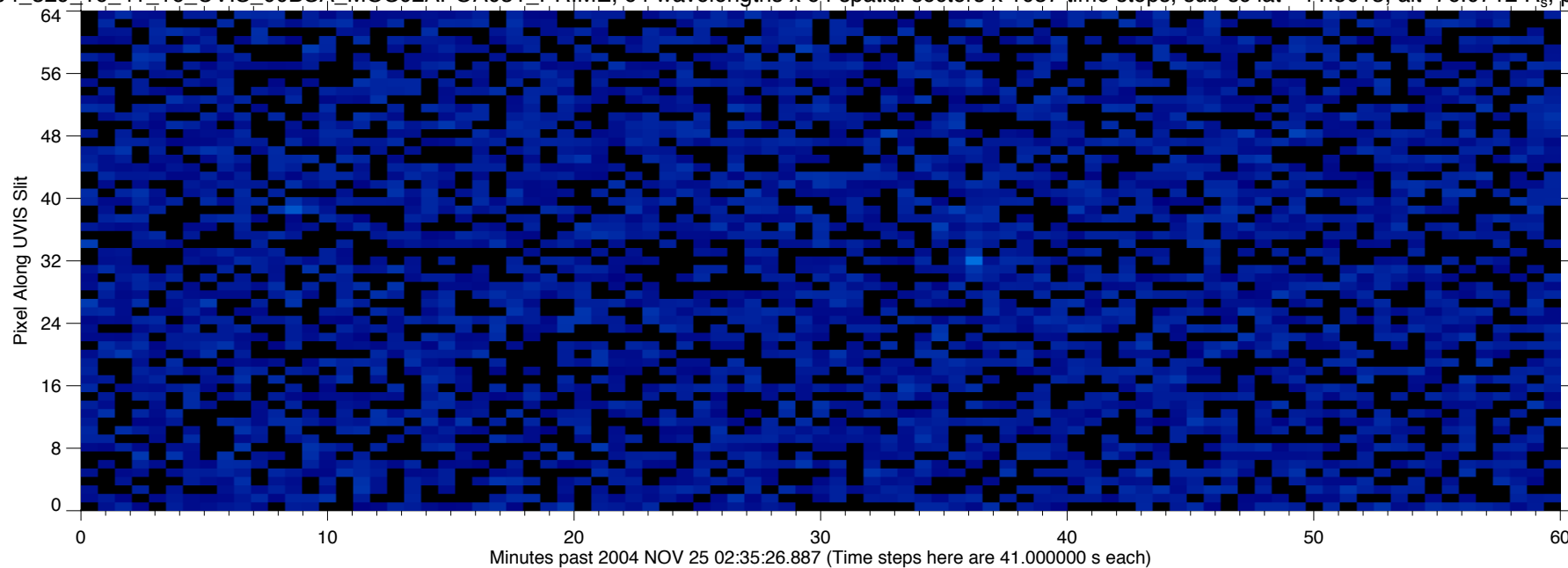
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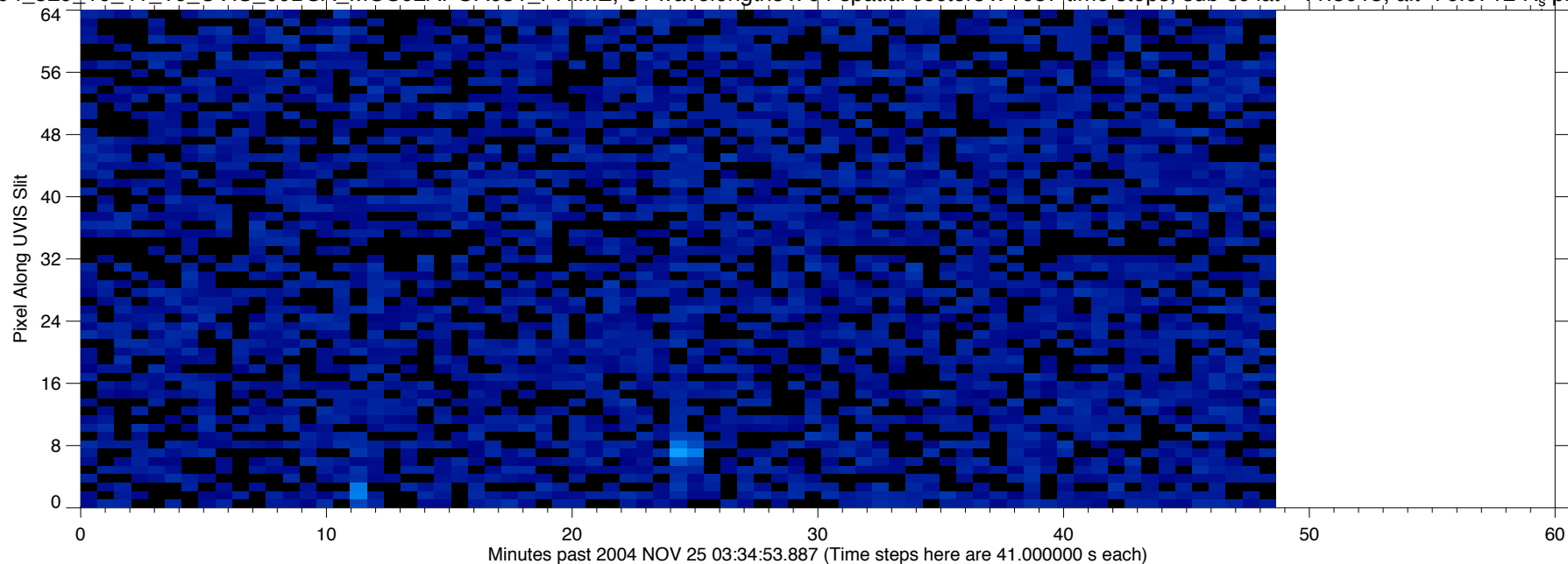
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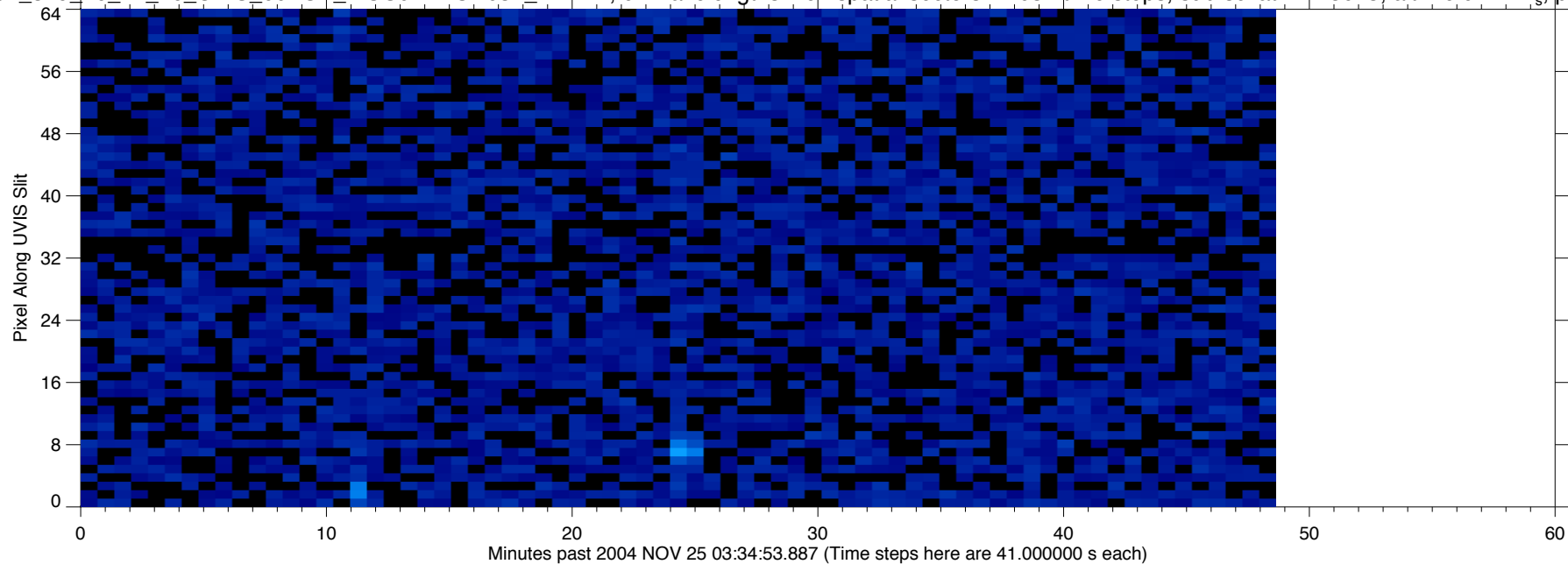
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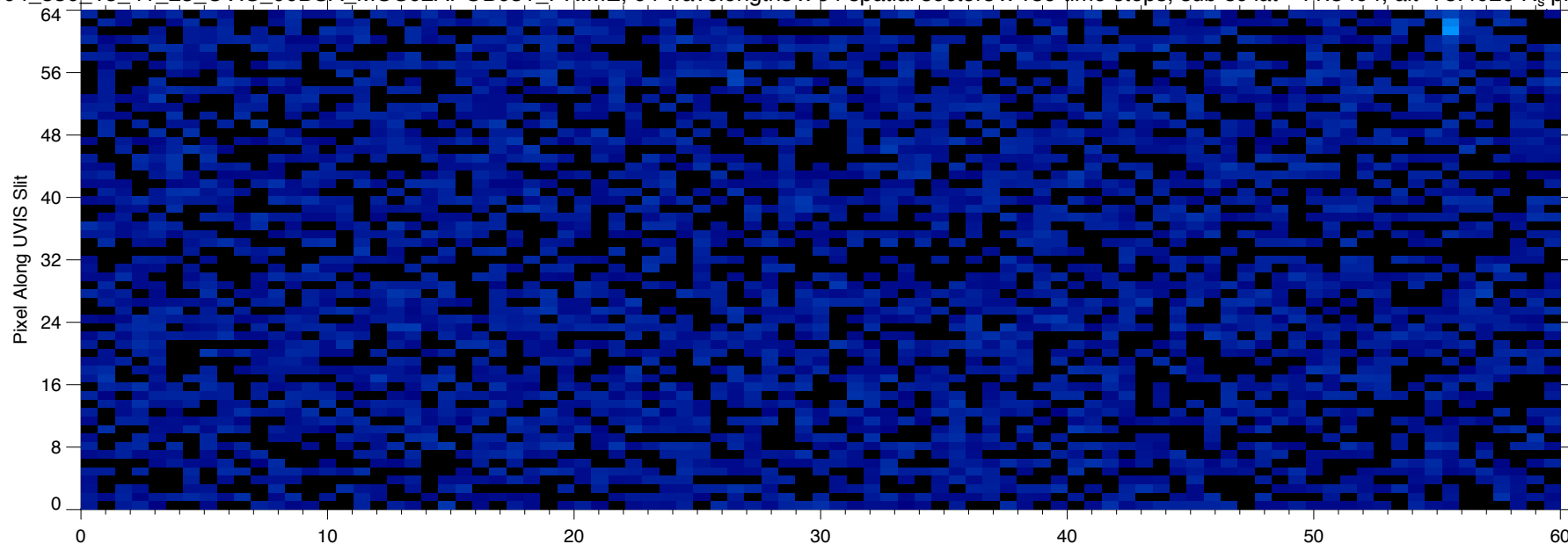
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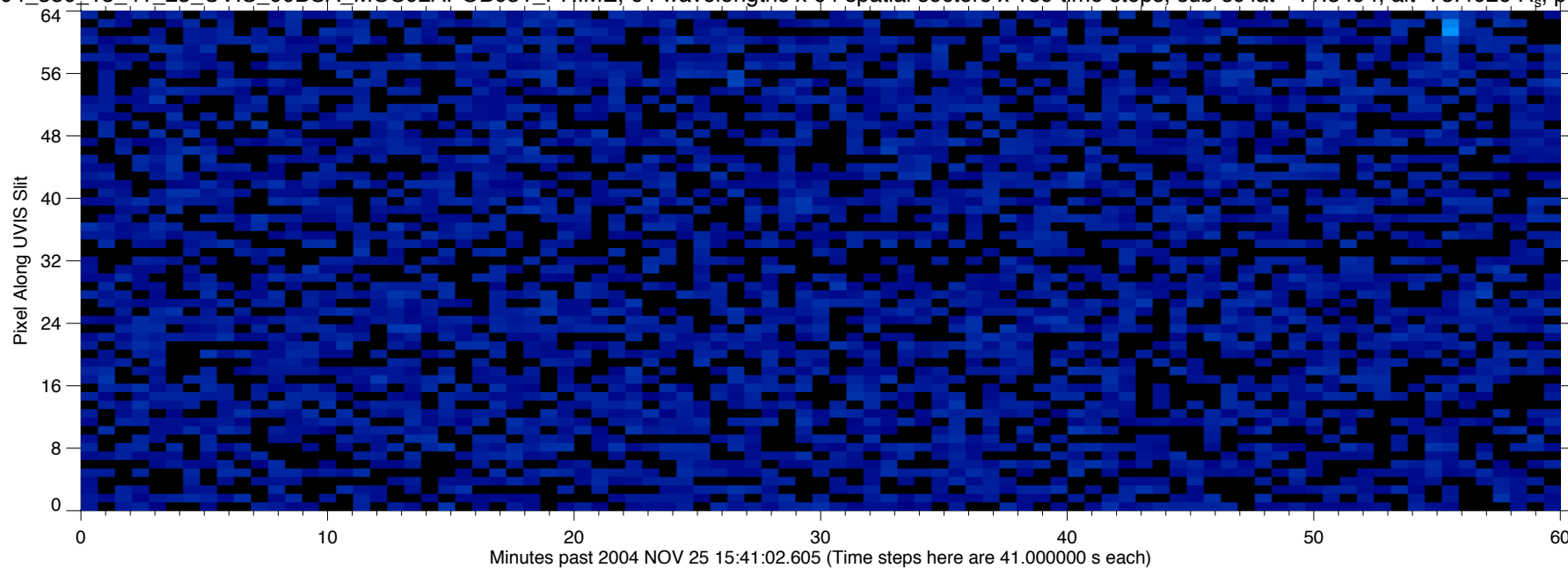
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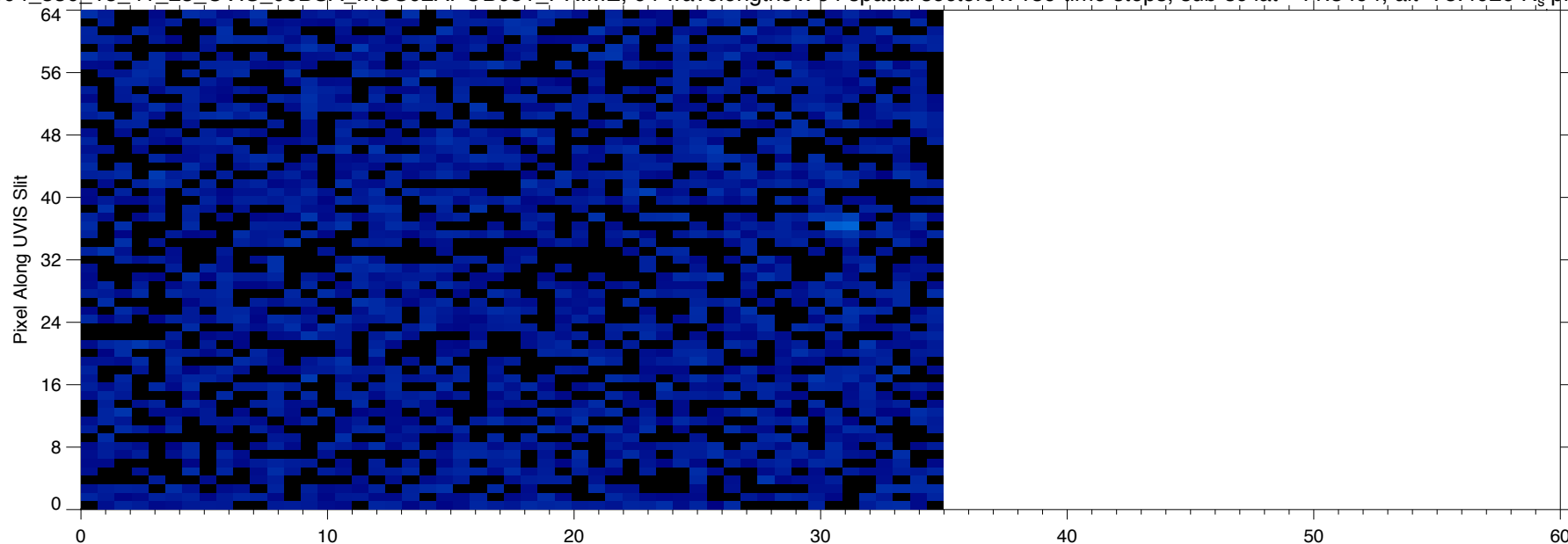
FUV2004_330_15_41_23_UVIS_00BSA_MOS02APOB031_PRIME, 64 wavelengths x 64 spatial sectors x 139 time steps, sub-sc lat=-11.3494, alt=75.4026 R_s, phase=73.0728



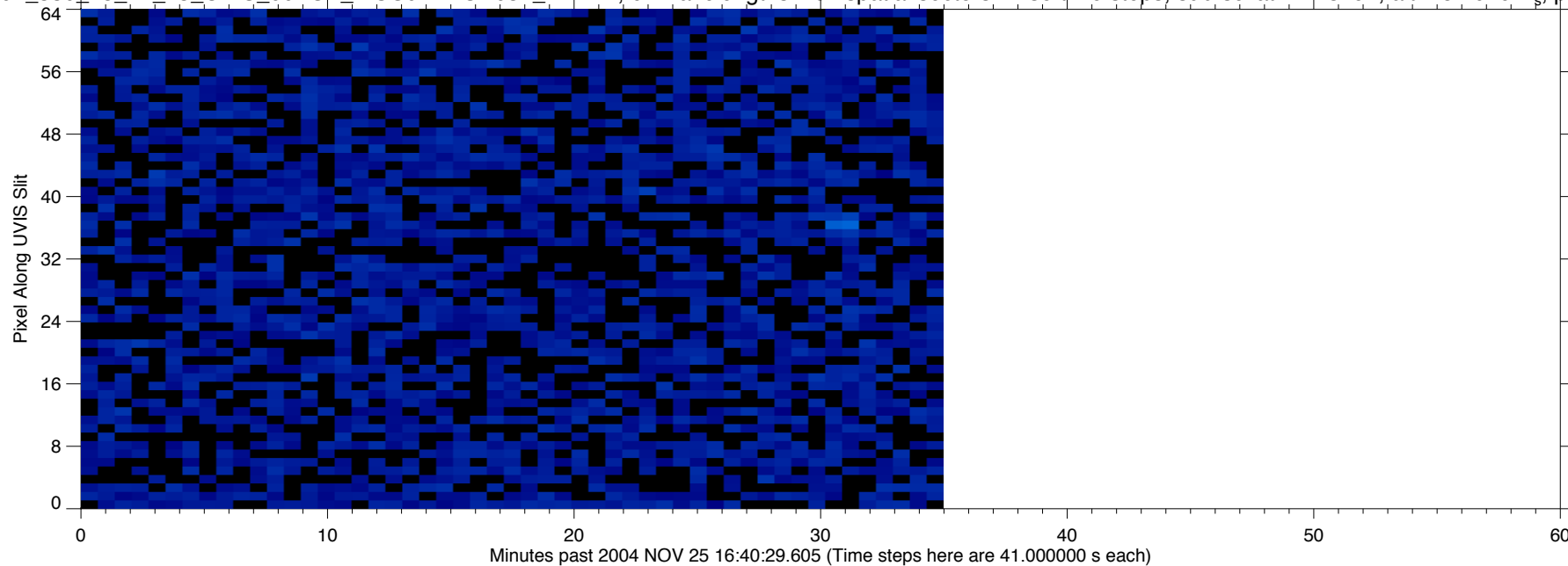
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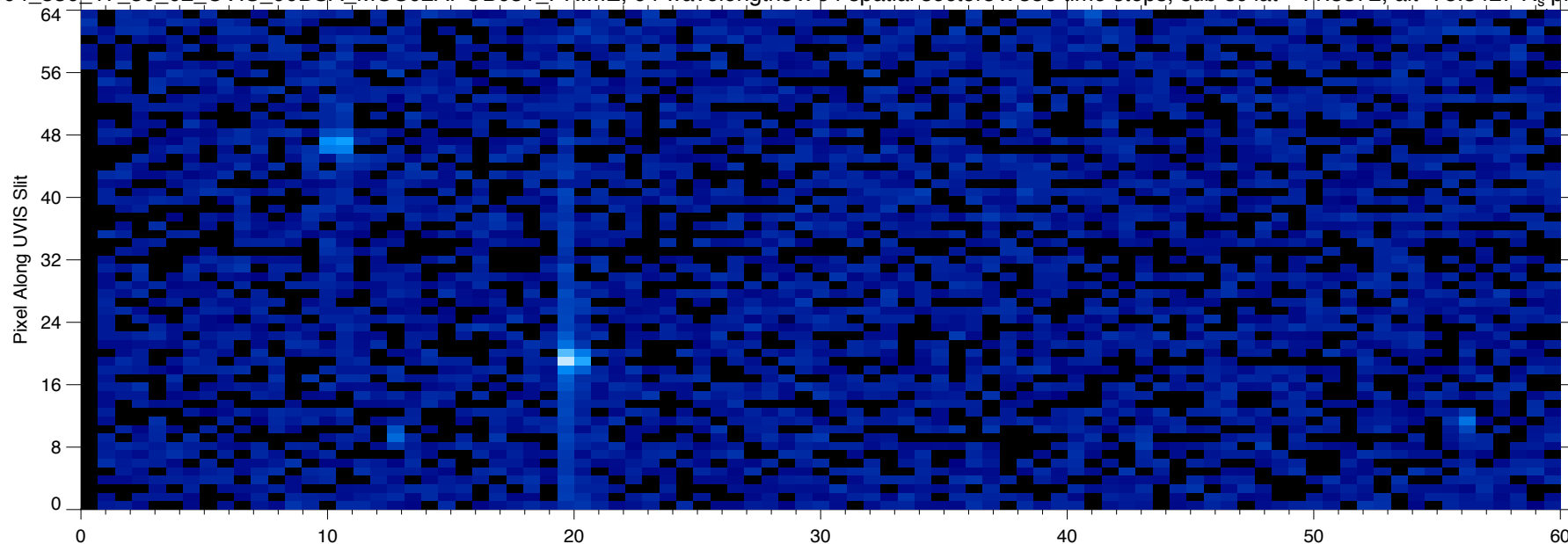
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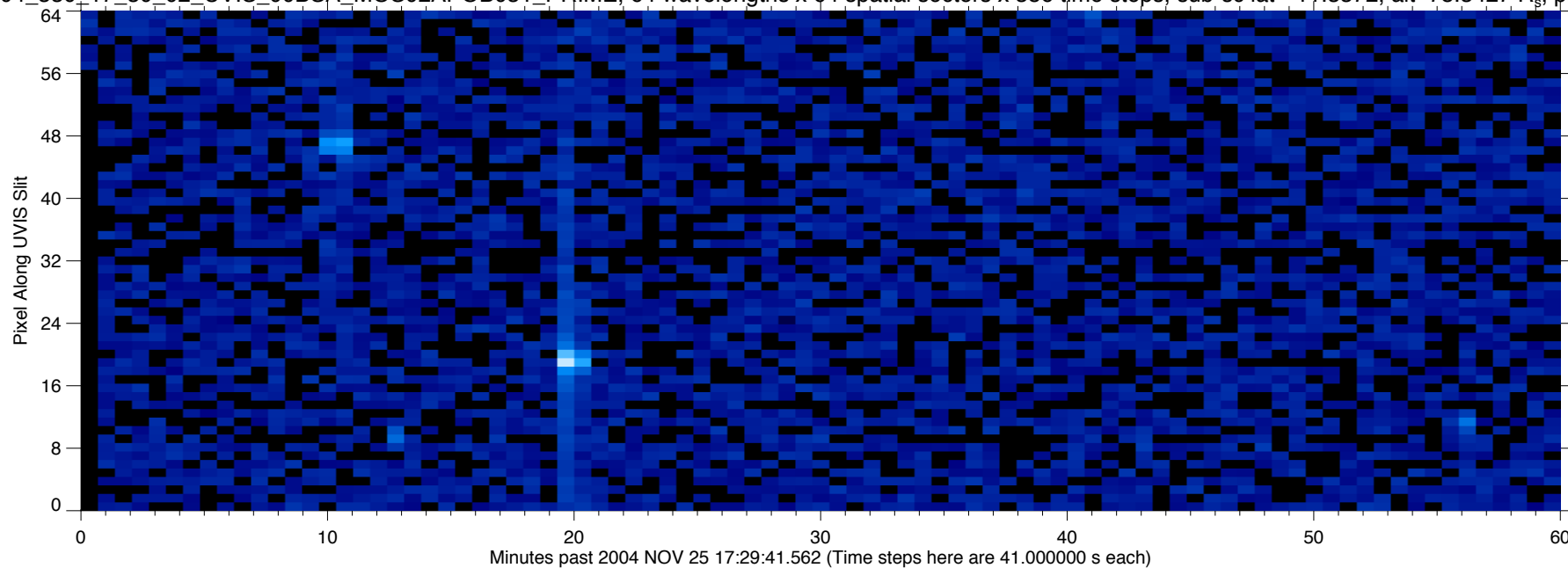
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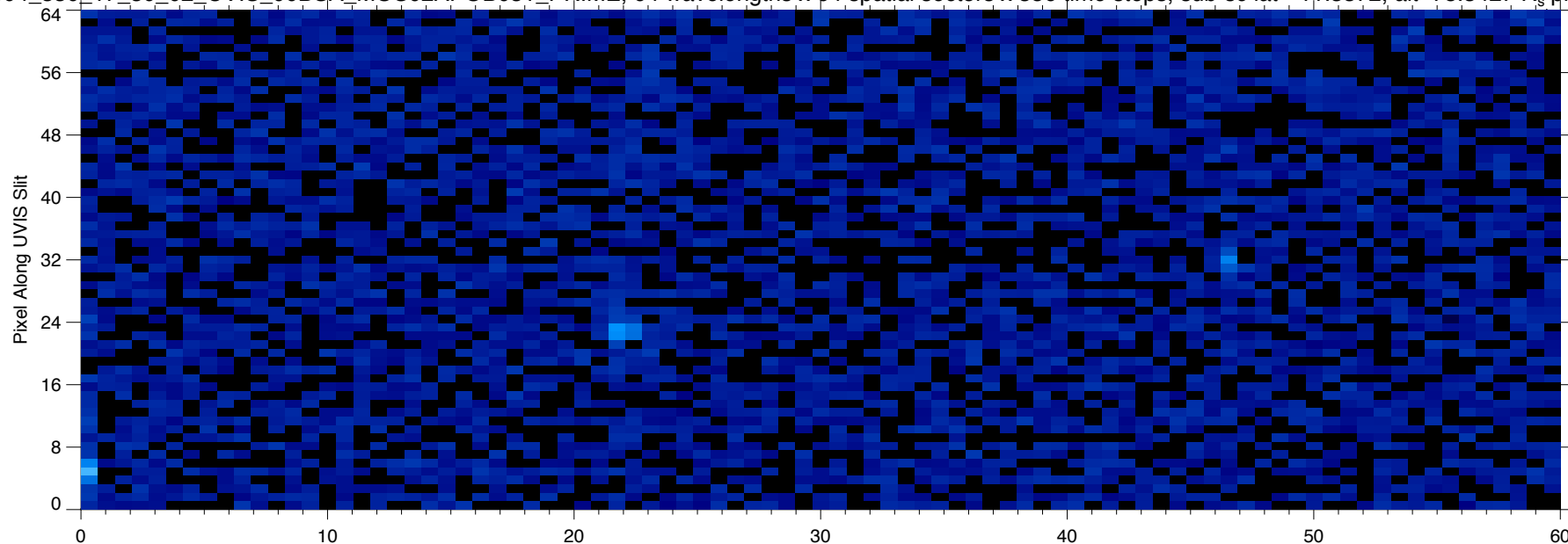
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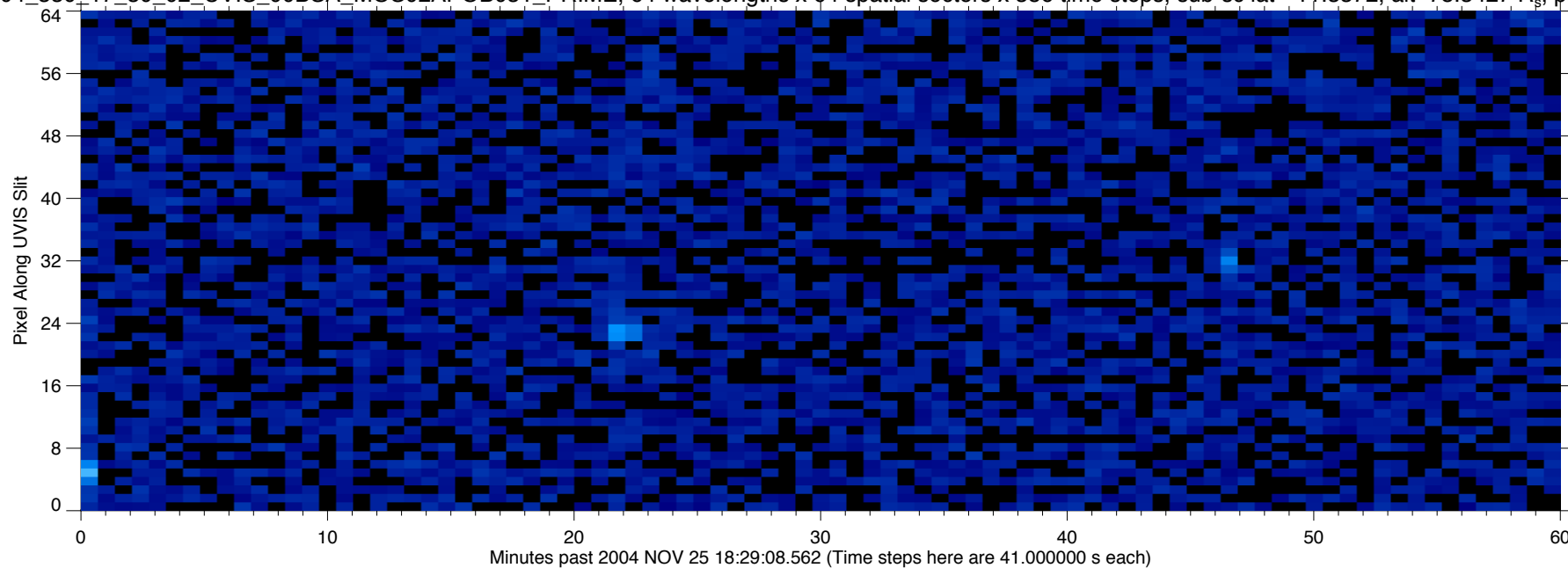
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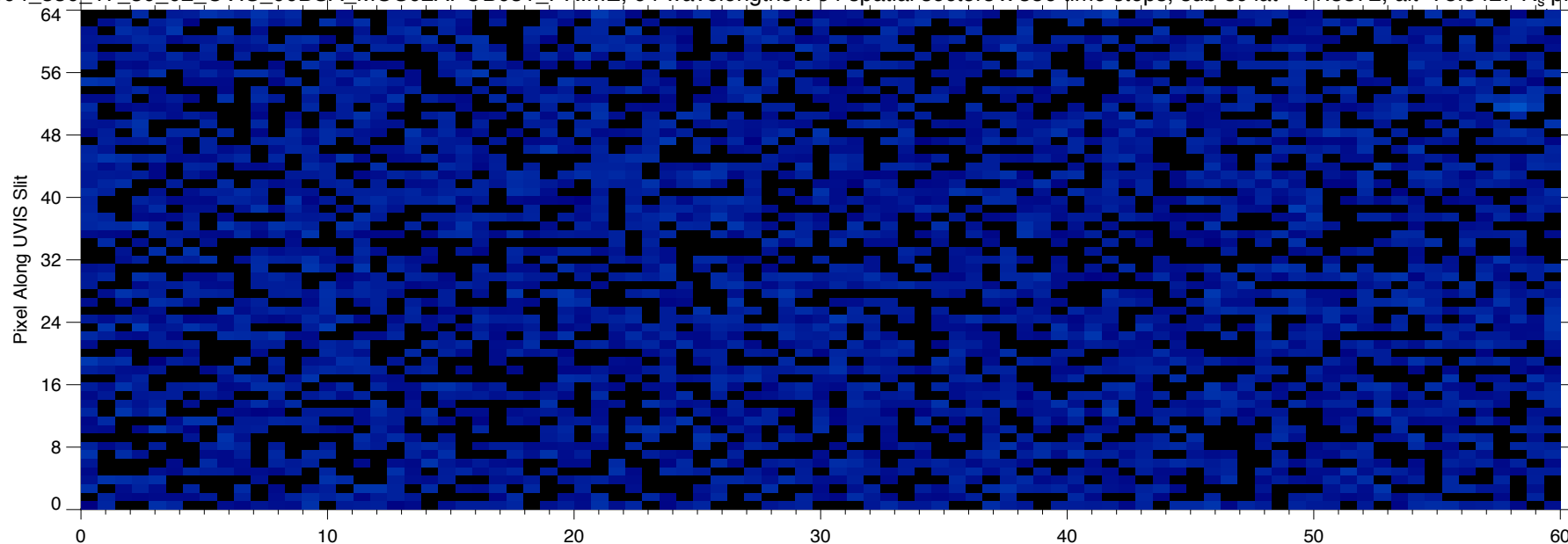
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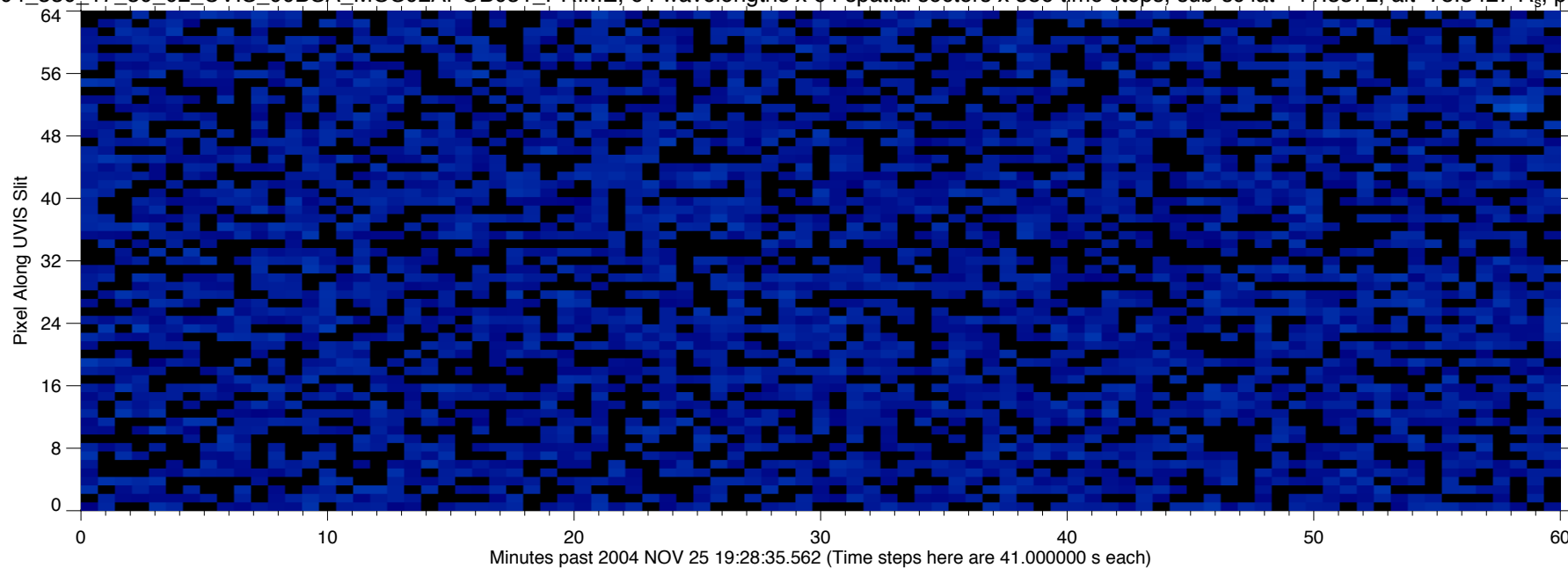
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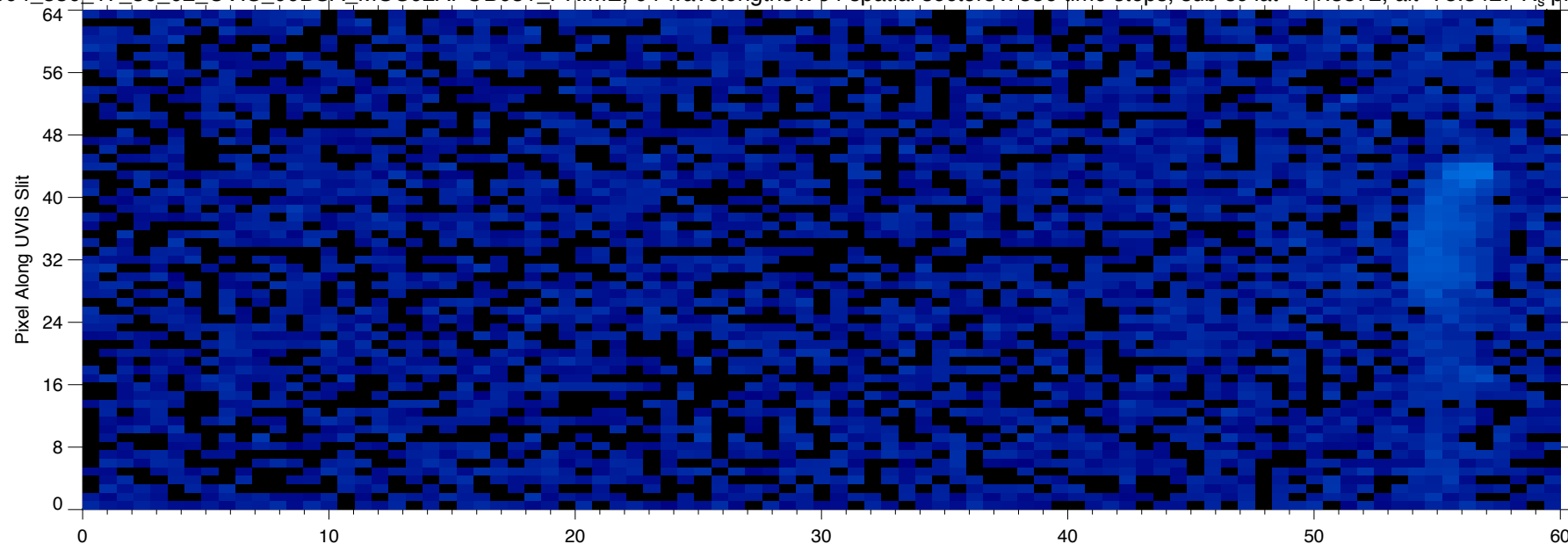
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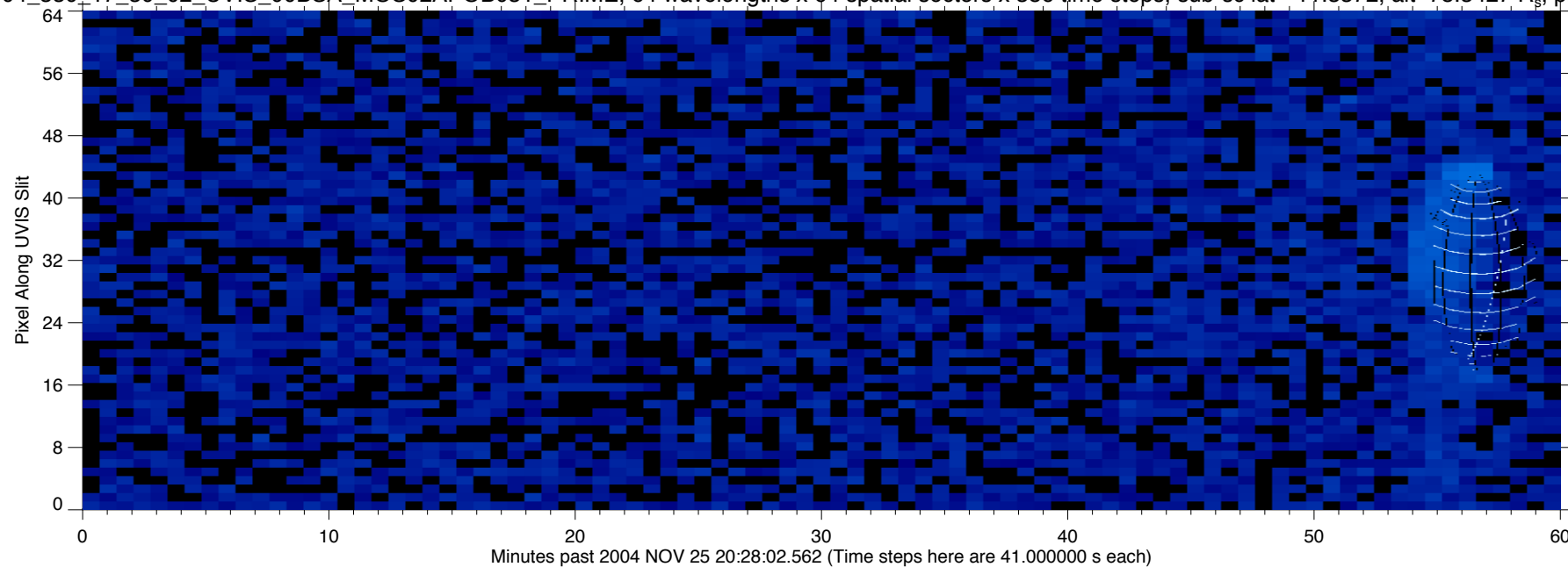
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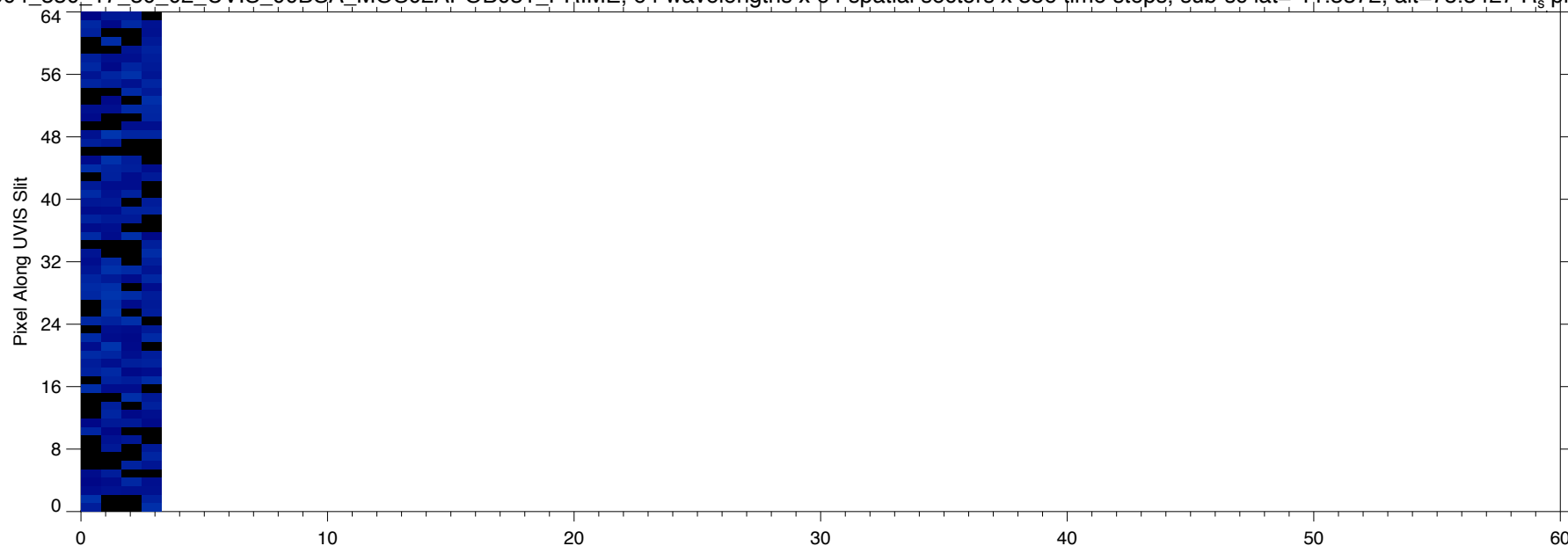
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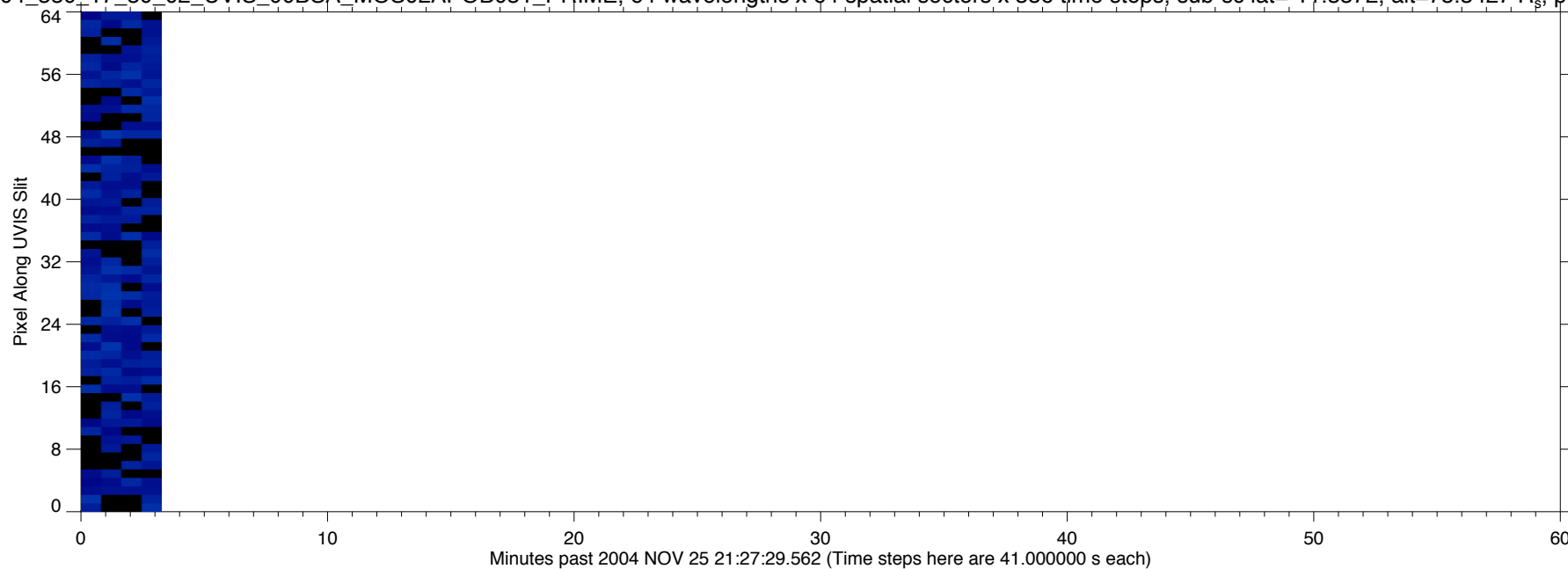
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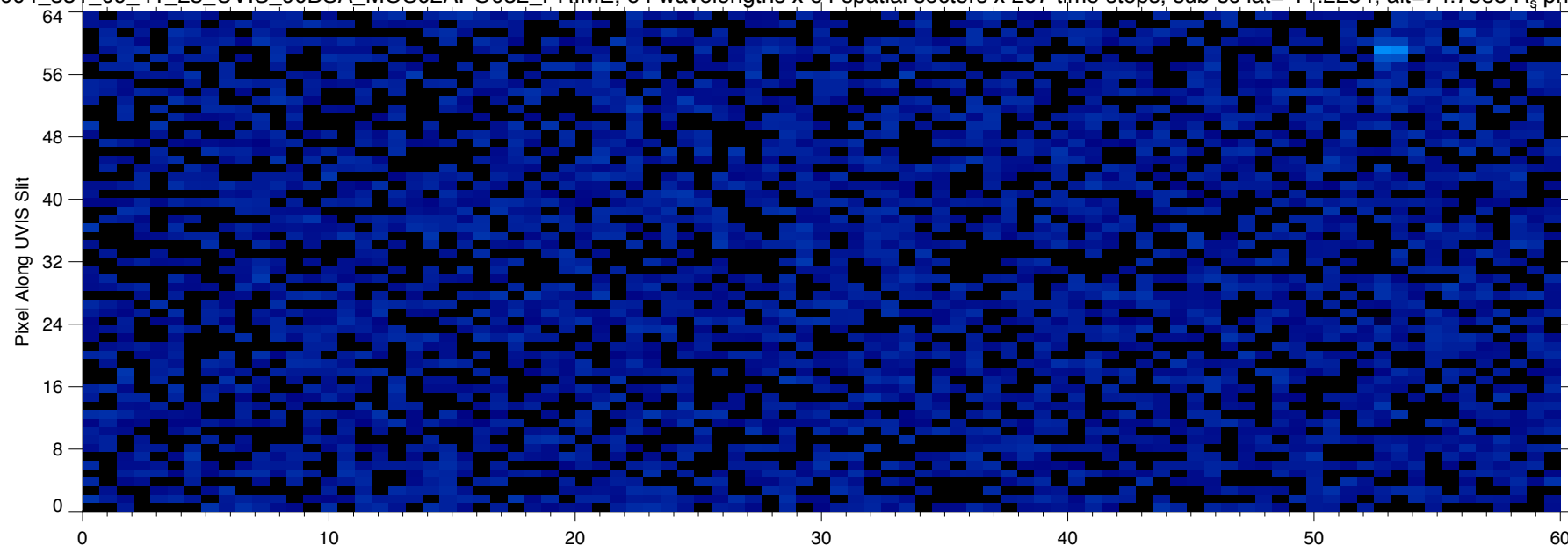
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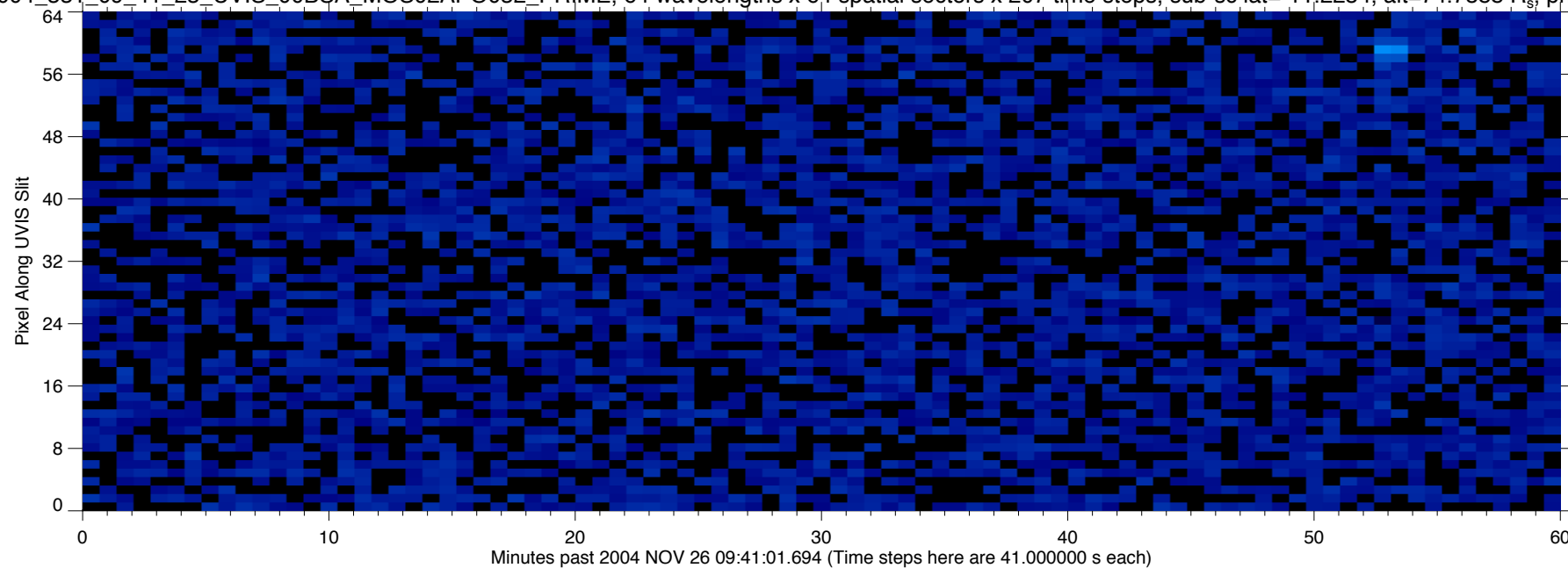
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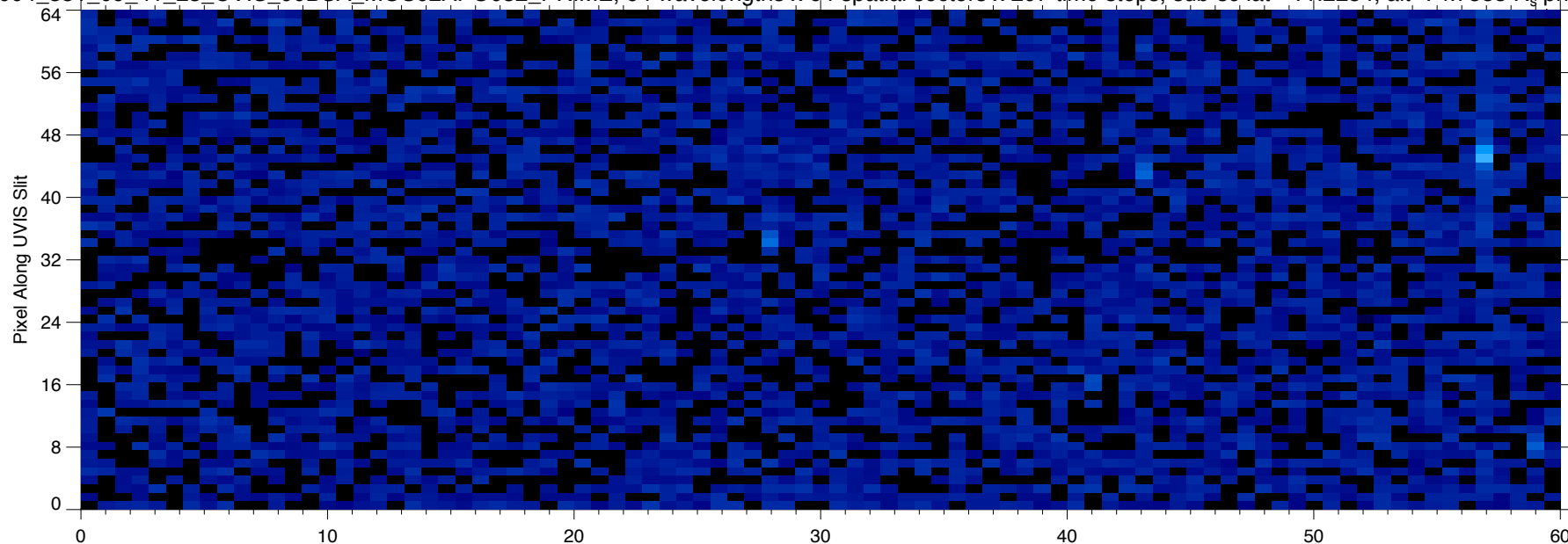
FUV2004_331_09_41_23_UVIS_00BSA_MOS02APO032_PRIME, 64 wavelengths x 64 spatial sectors x 207 time steps, sub-sc lat=-11.2254, alt=74.7588 R_s phase=72.3112



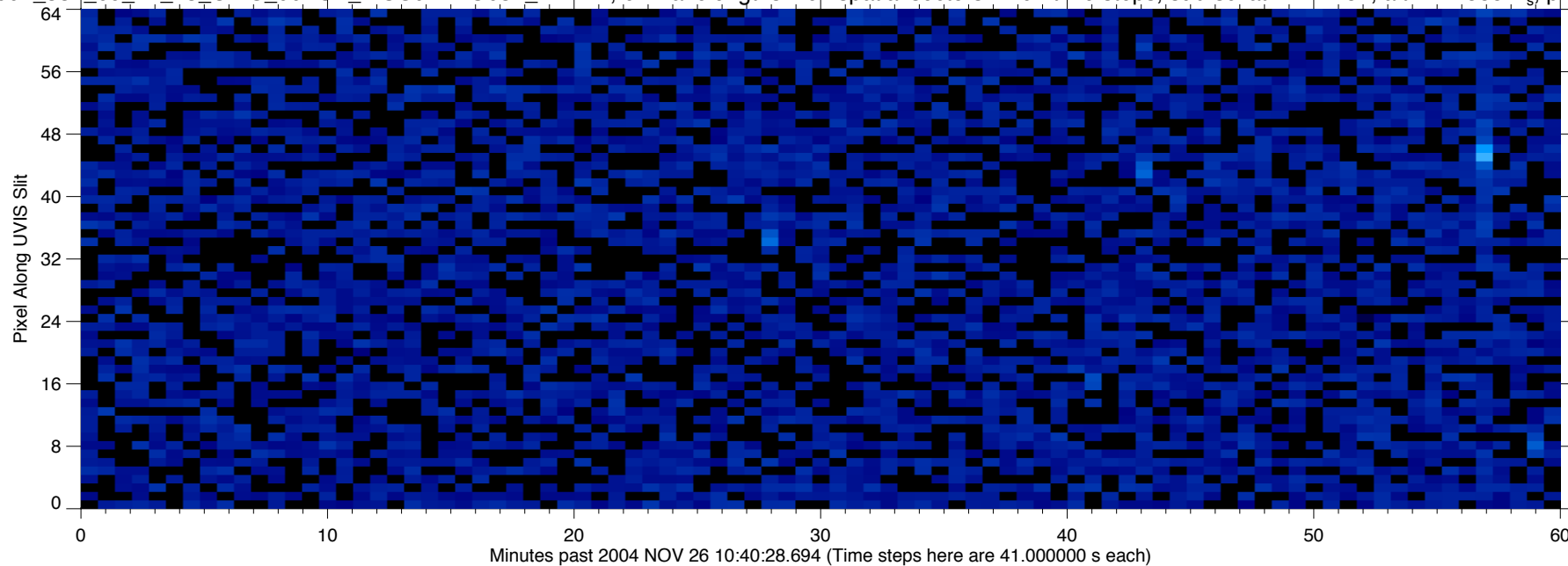
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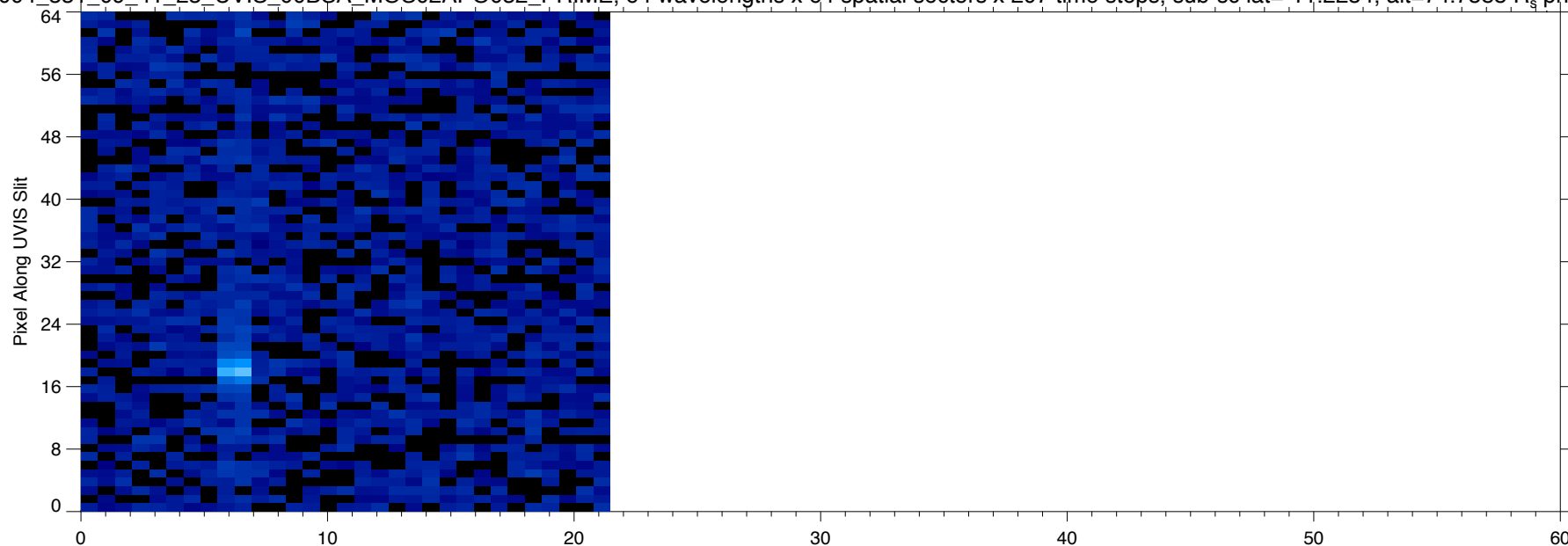
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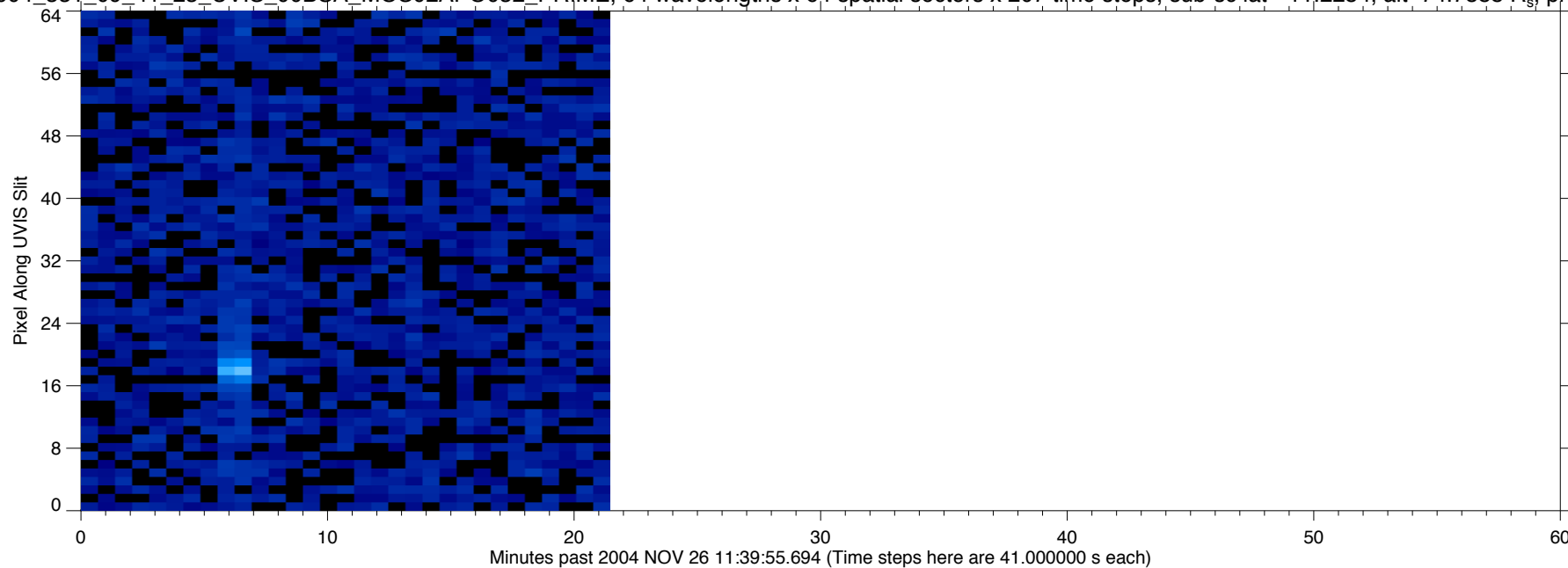
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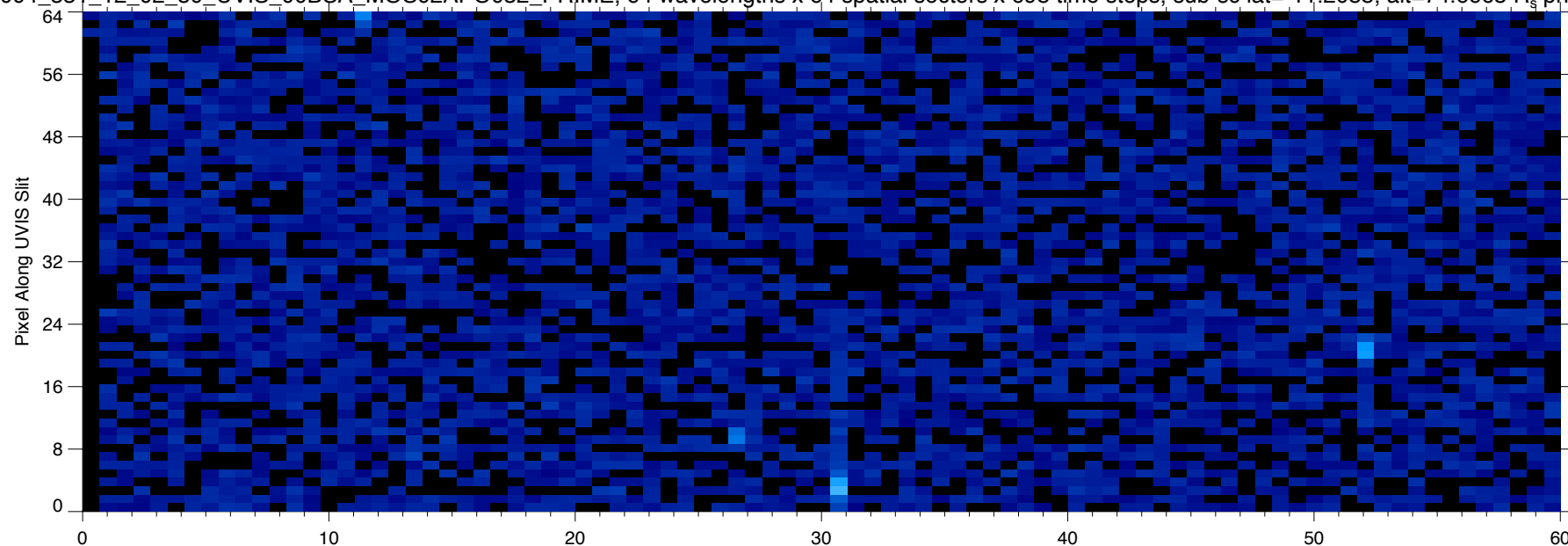
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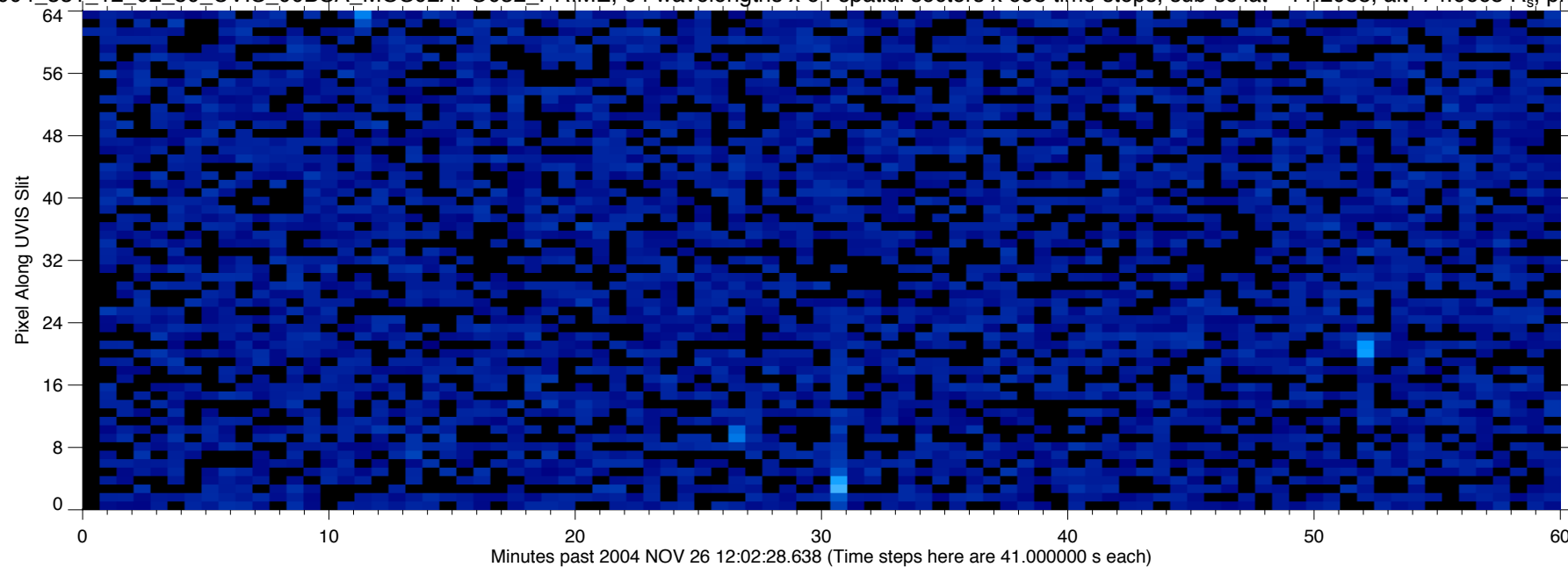
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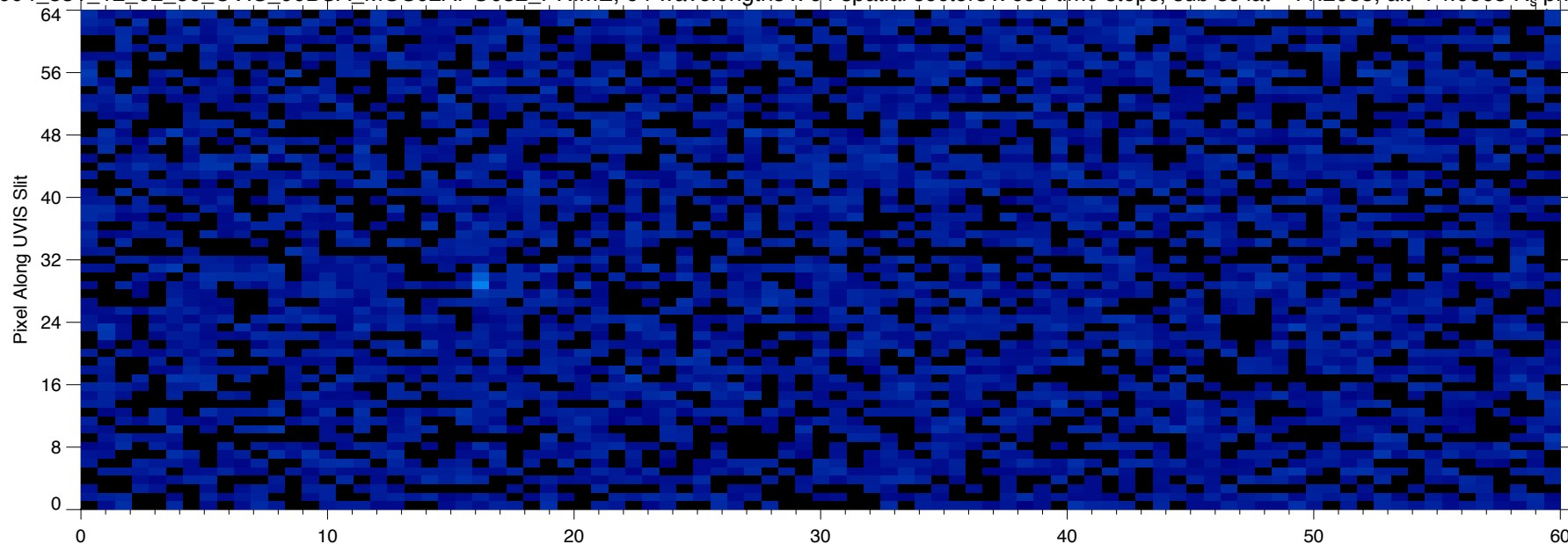
FUV2004_331_12_02_50_UVIS_00BSA_MOS02APO032_PRIME, 64 wavelengths x 64 spatial sectors x 698 time steps, sub-sc lat=-11.2088, alt=74.6665 R_s, phase=72.2105



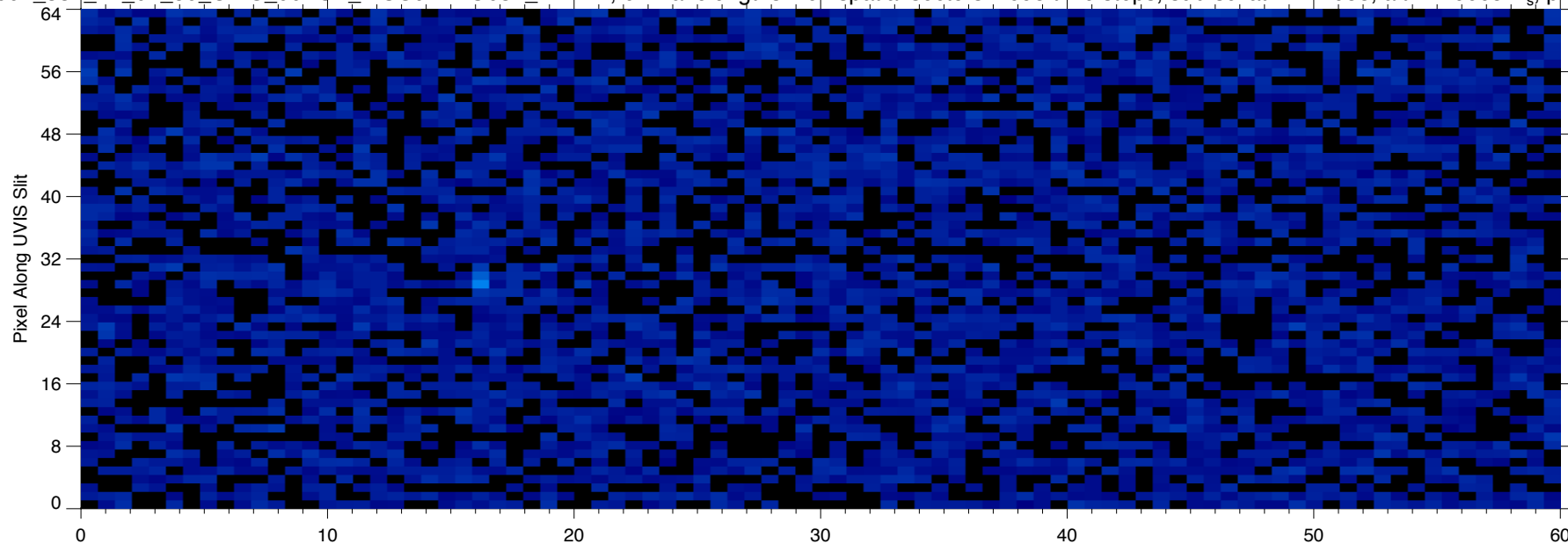
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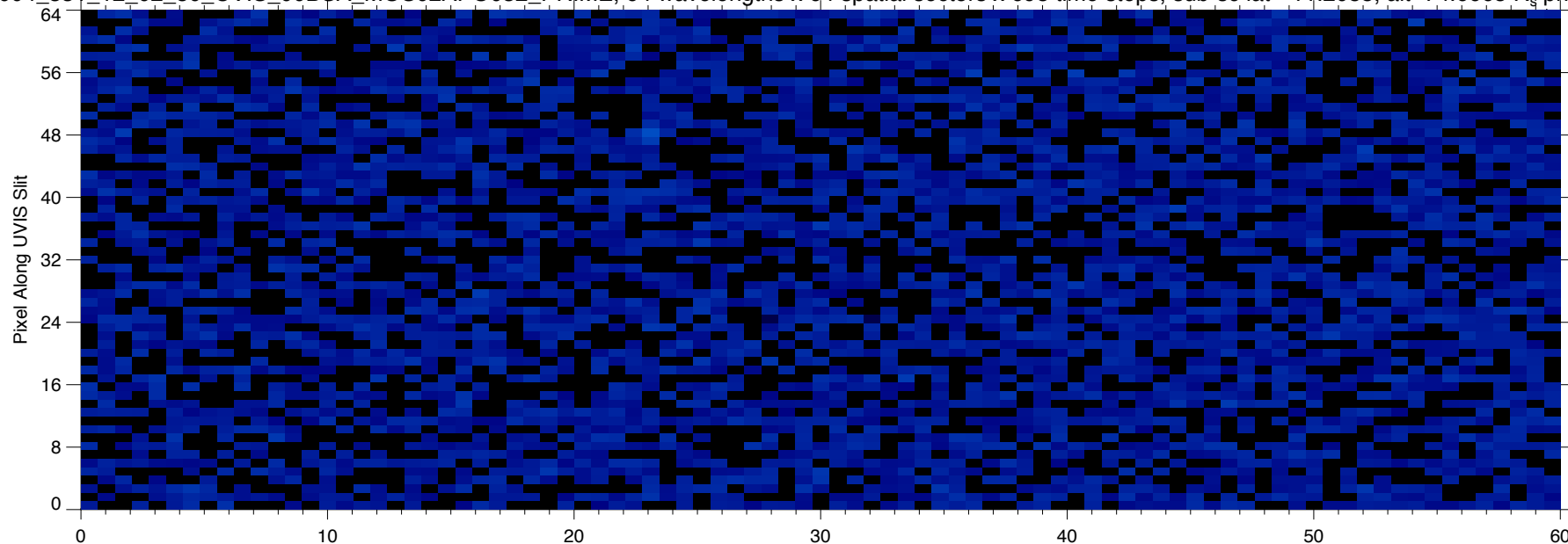
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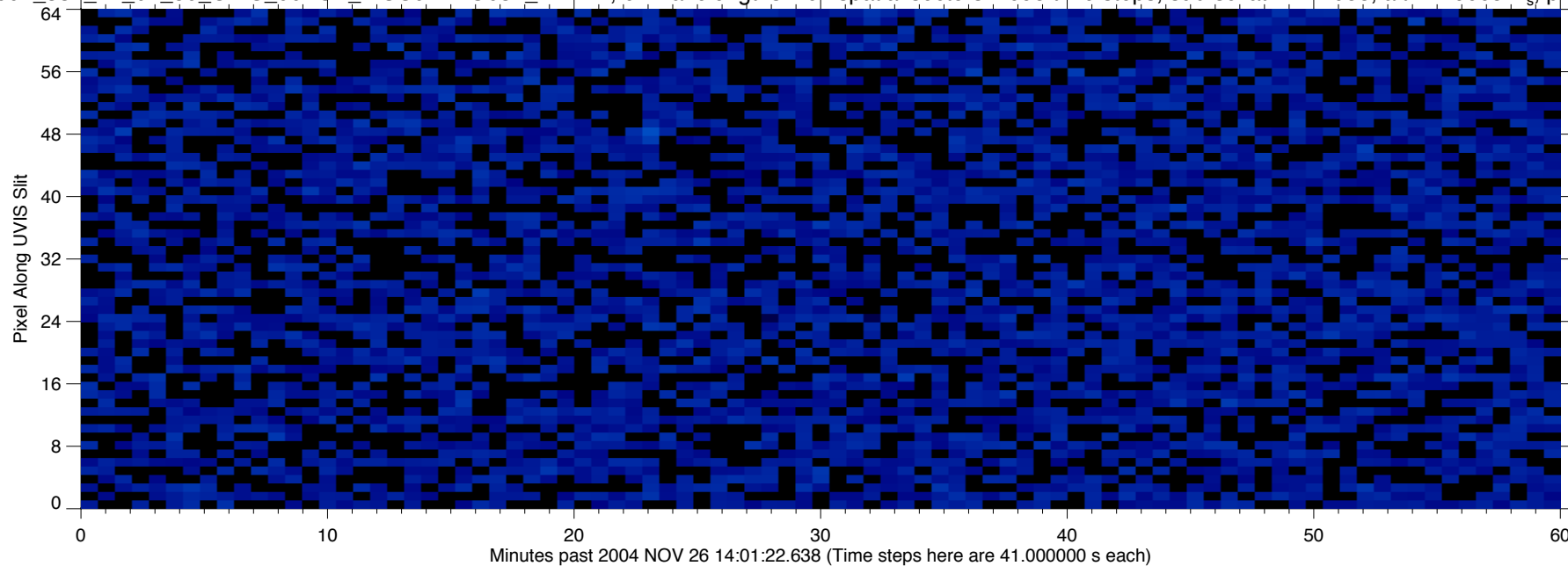
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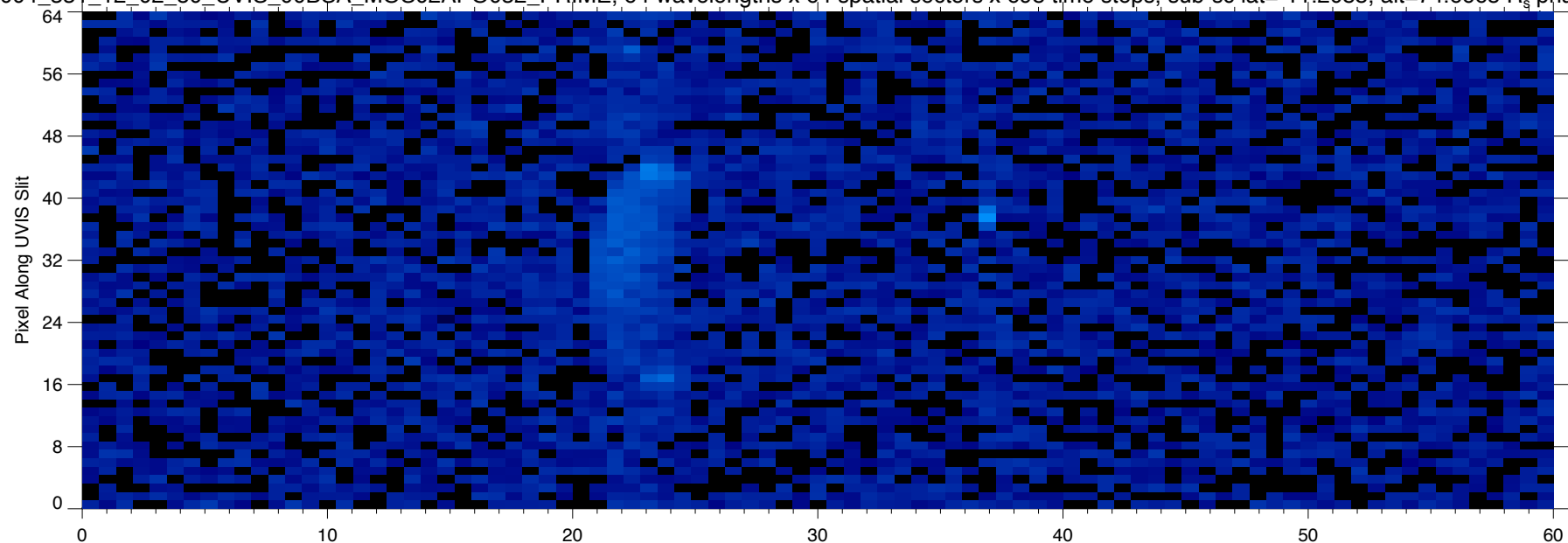
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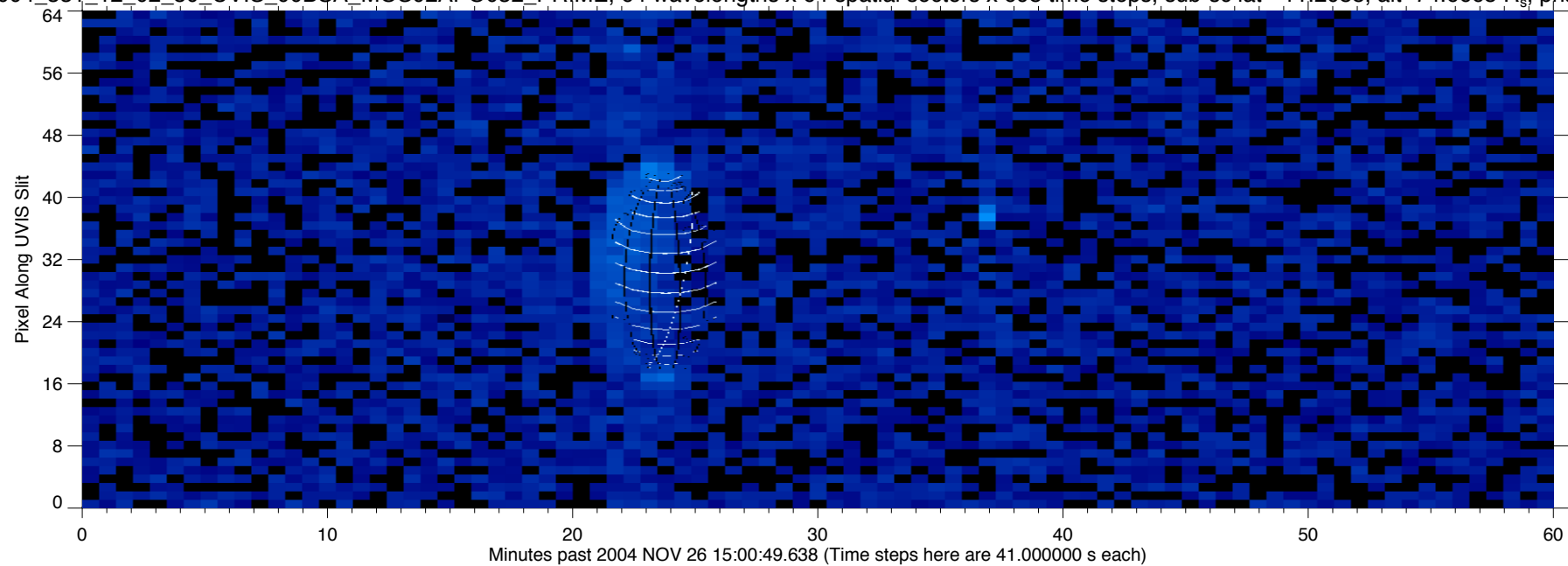
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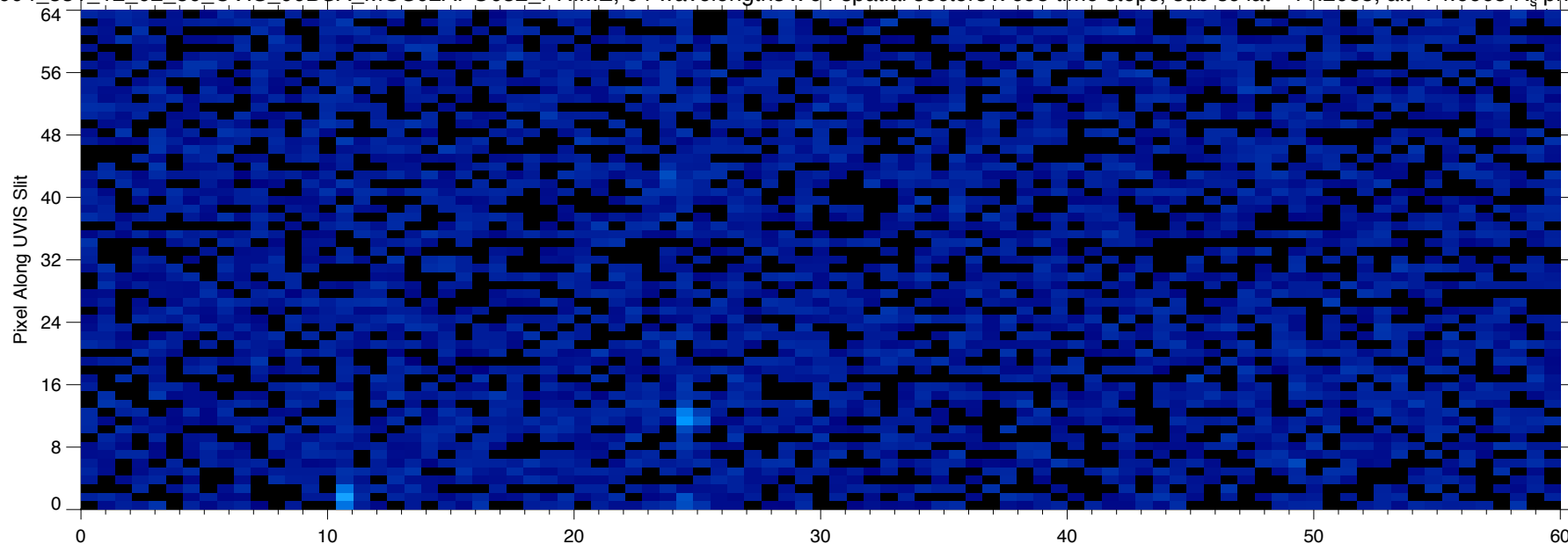
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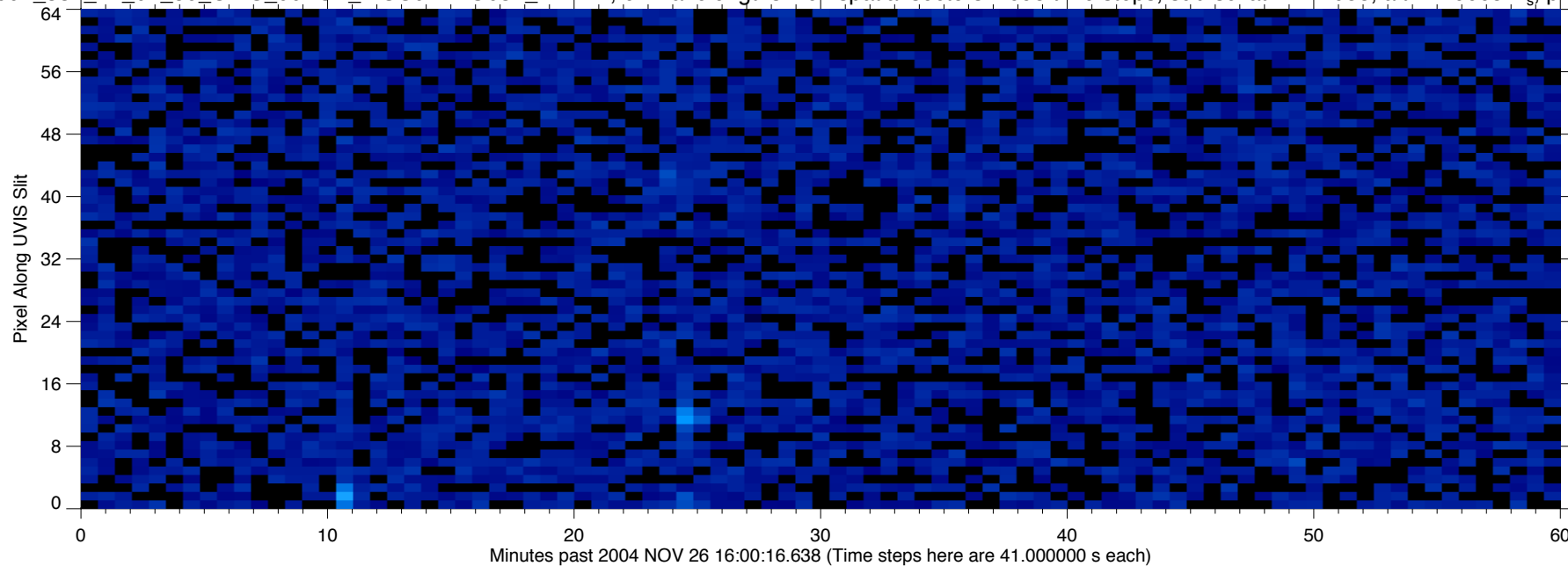
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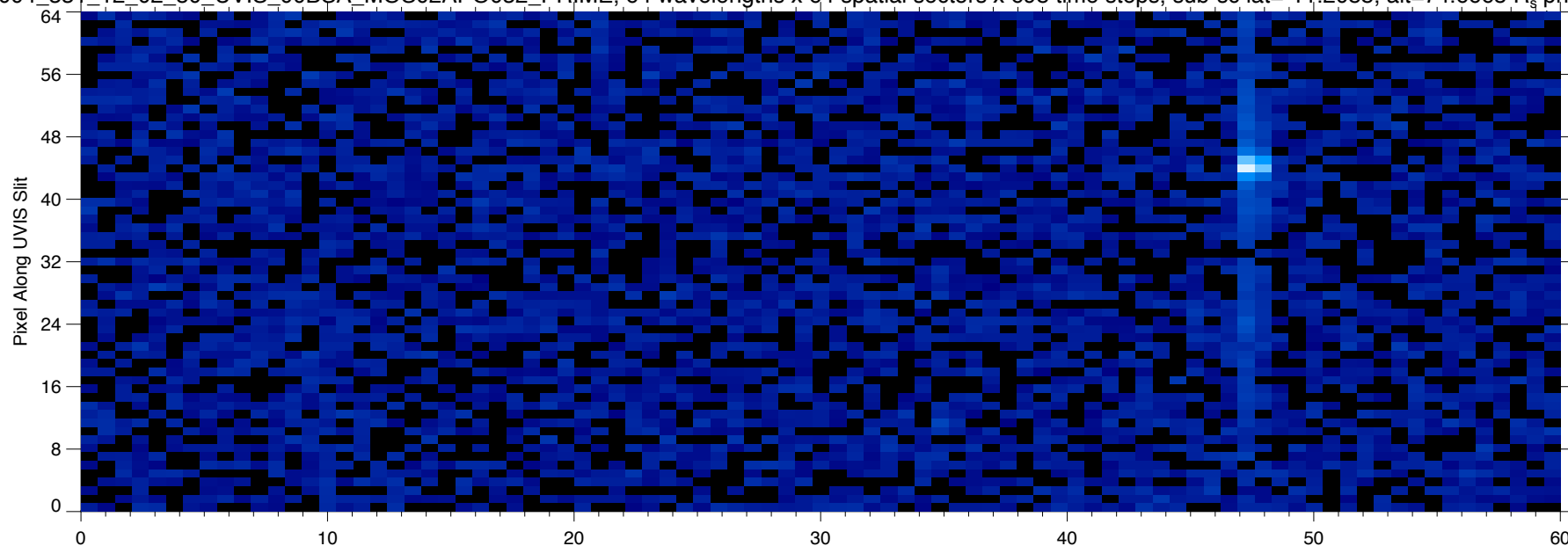
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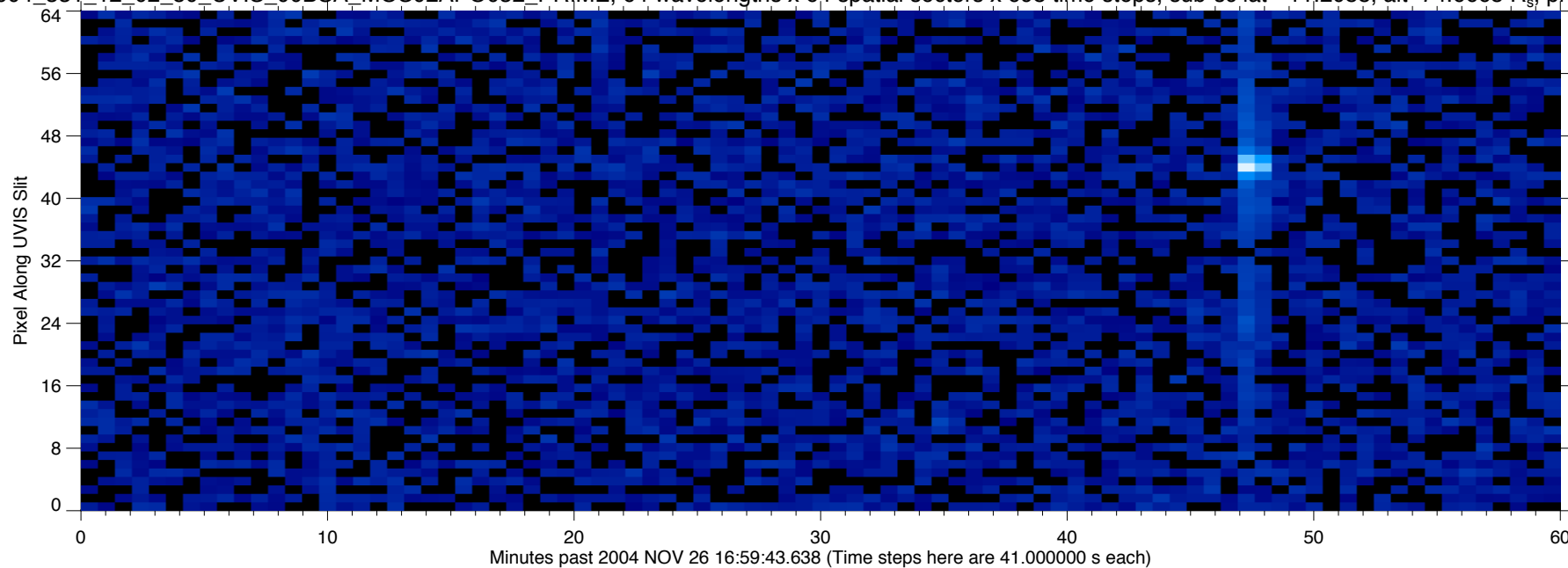
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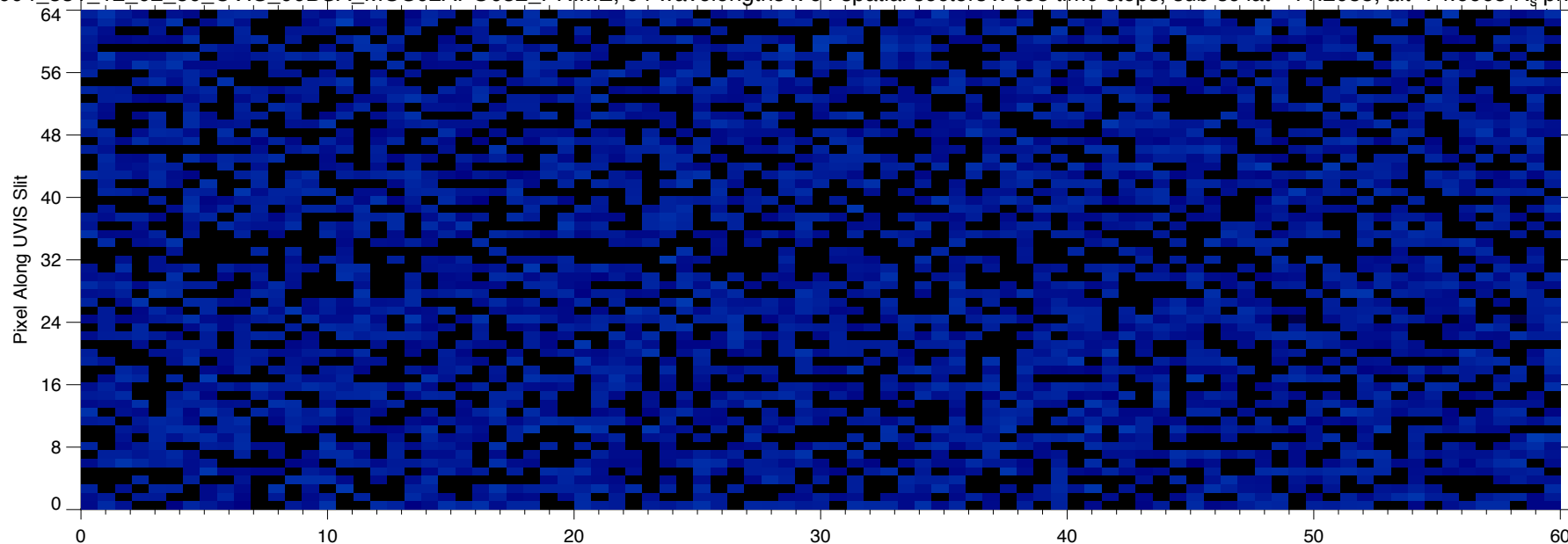
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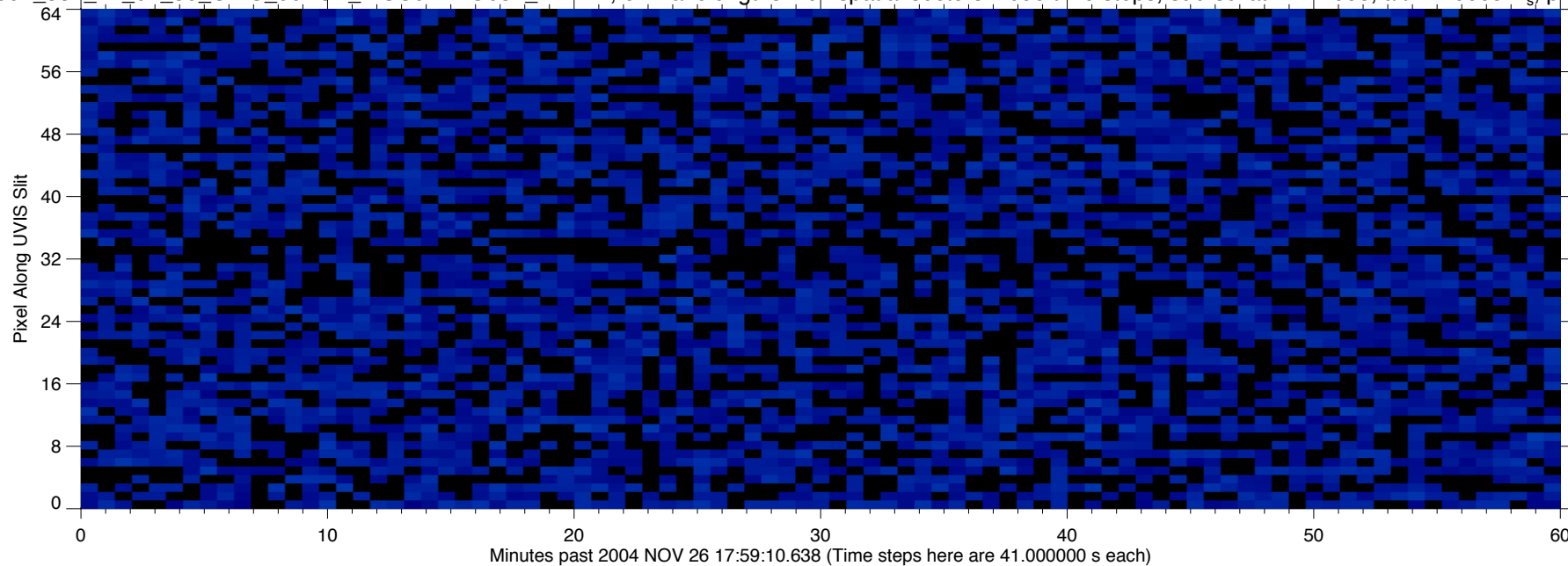
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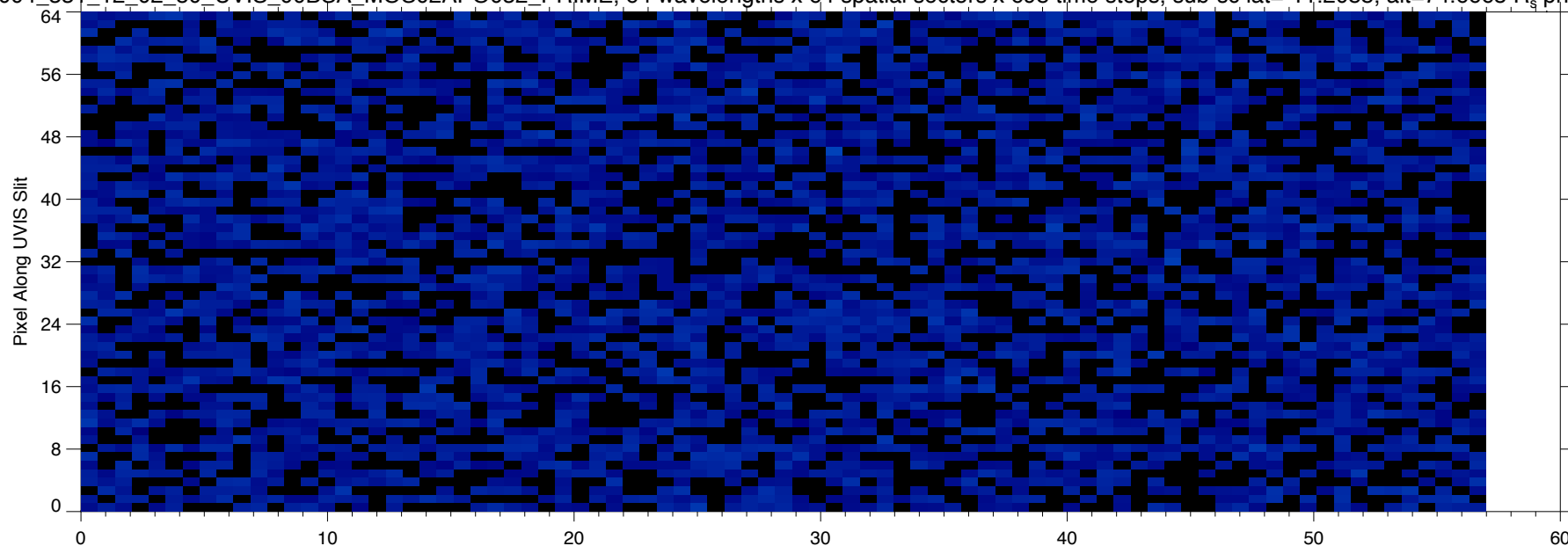
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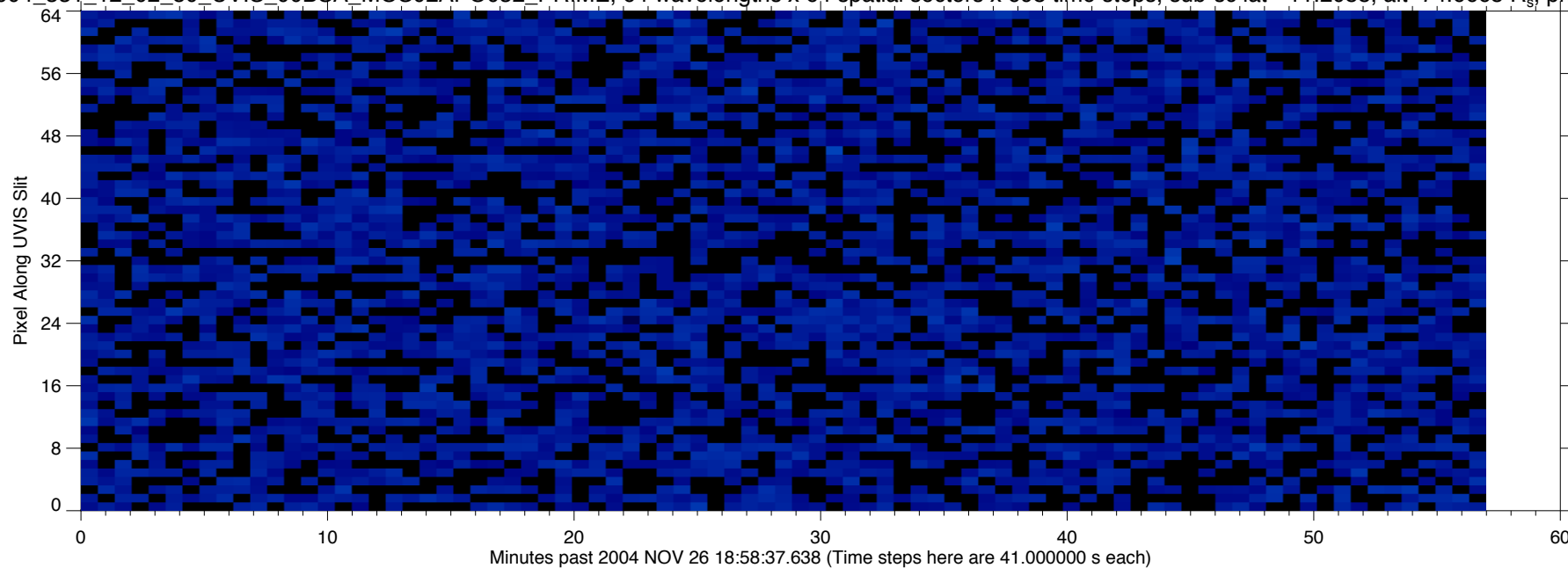
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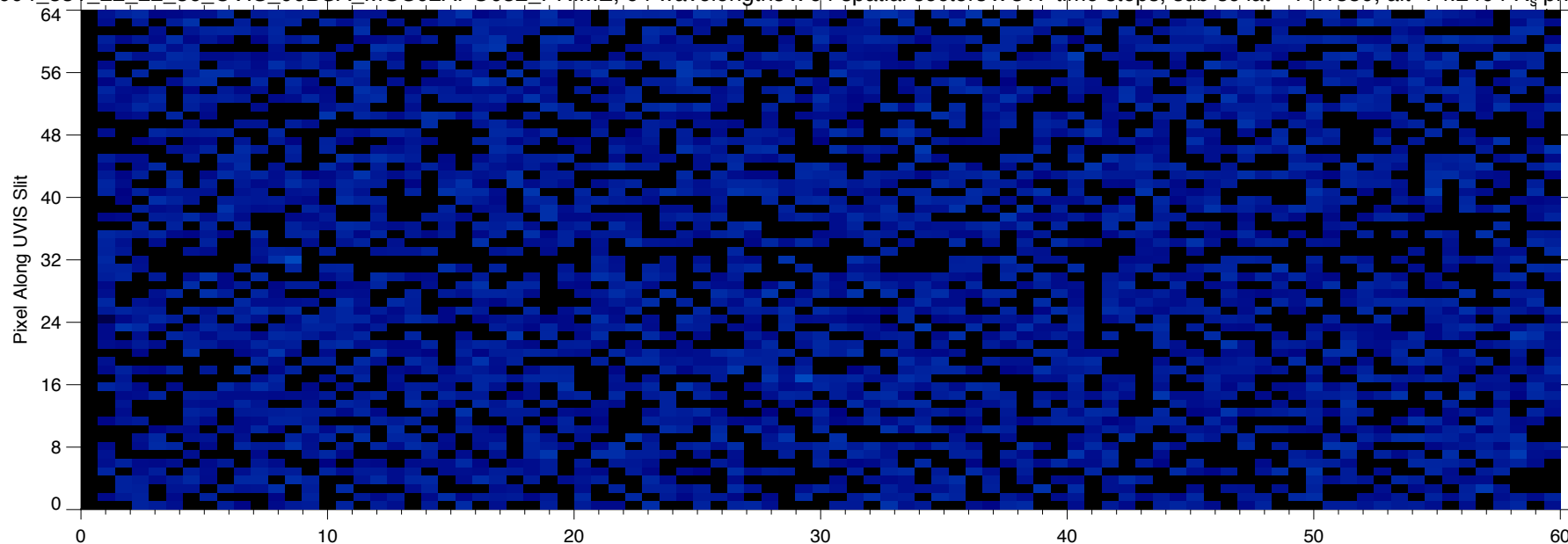
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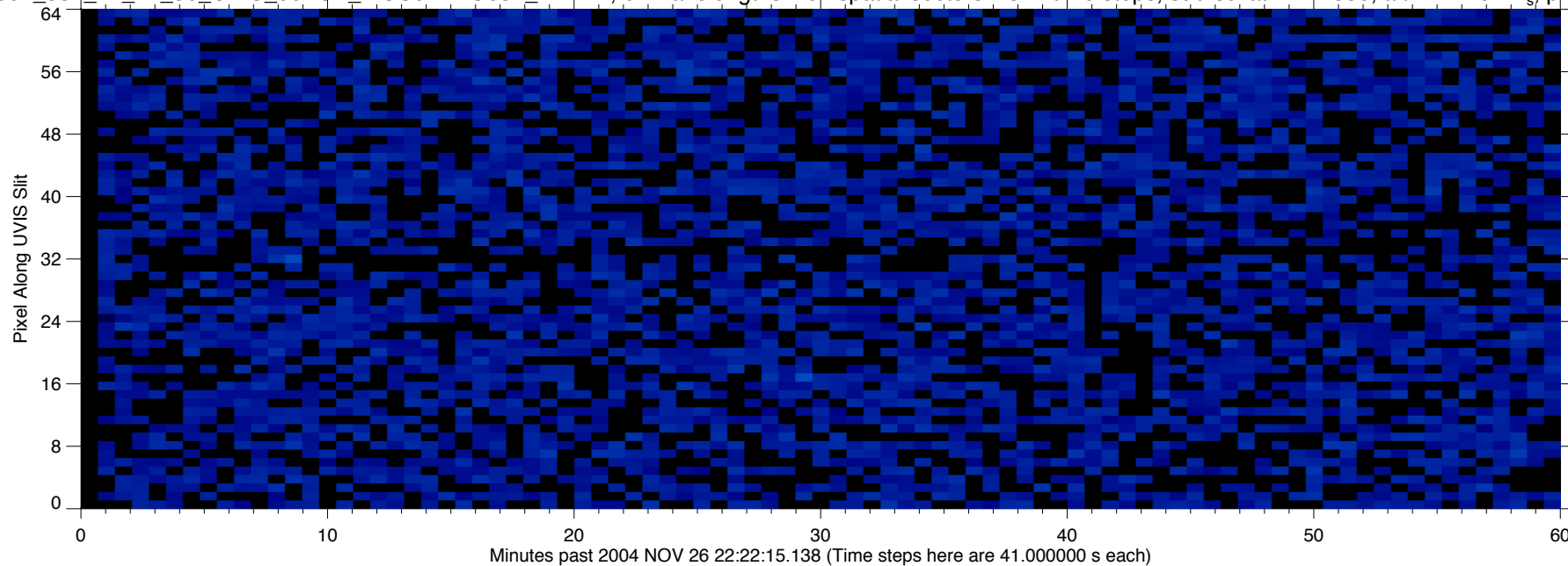
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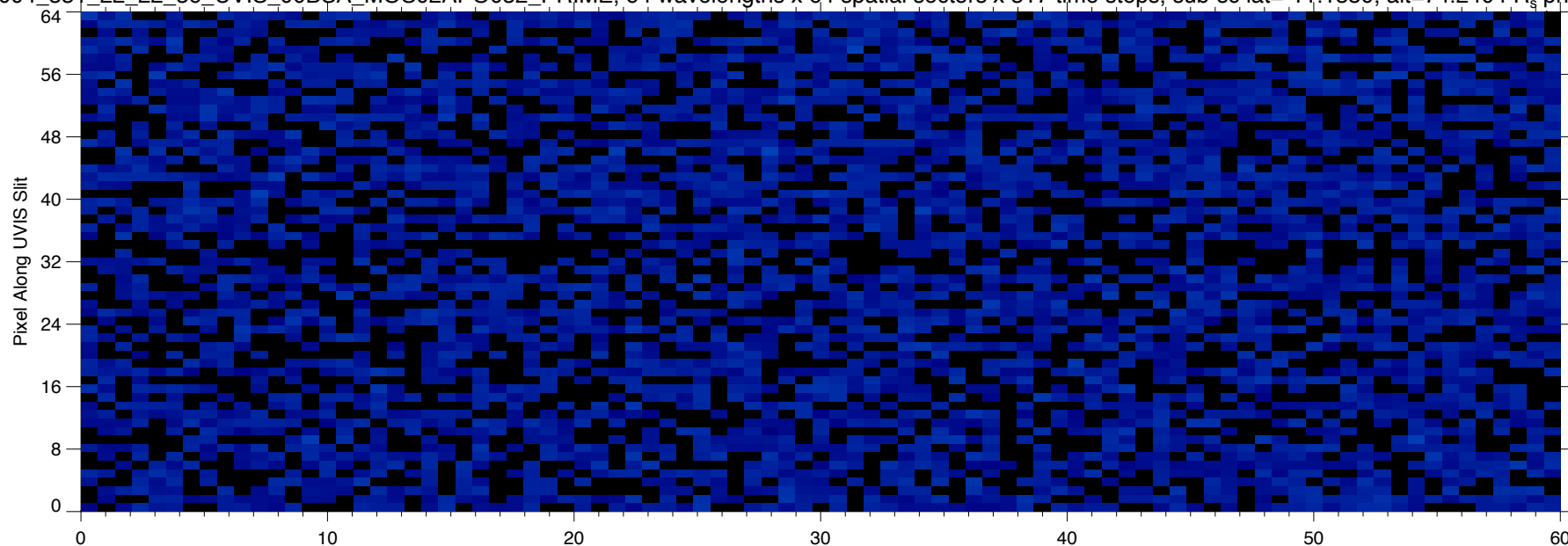
FUV2004_331_22_22_36_UVIS_00BSA_MOS02APO032_PRIME, 64 wavelengths x 64 spatial sectors x 317 time steps, sub-sc lat=-11.1350, alt=74.2404 R_s, phase=71.7665



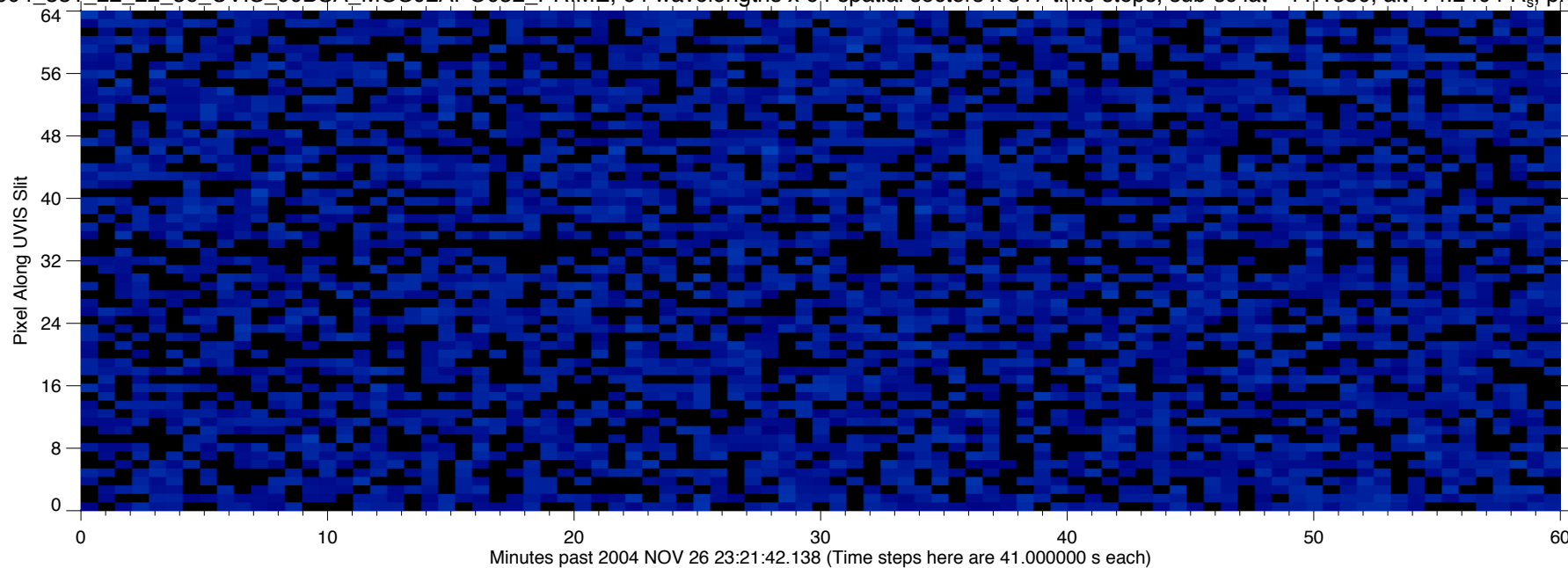
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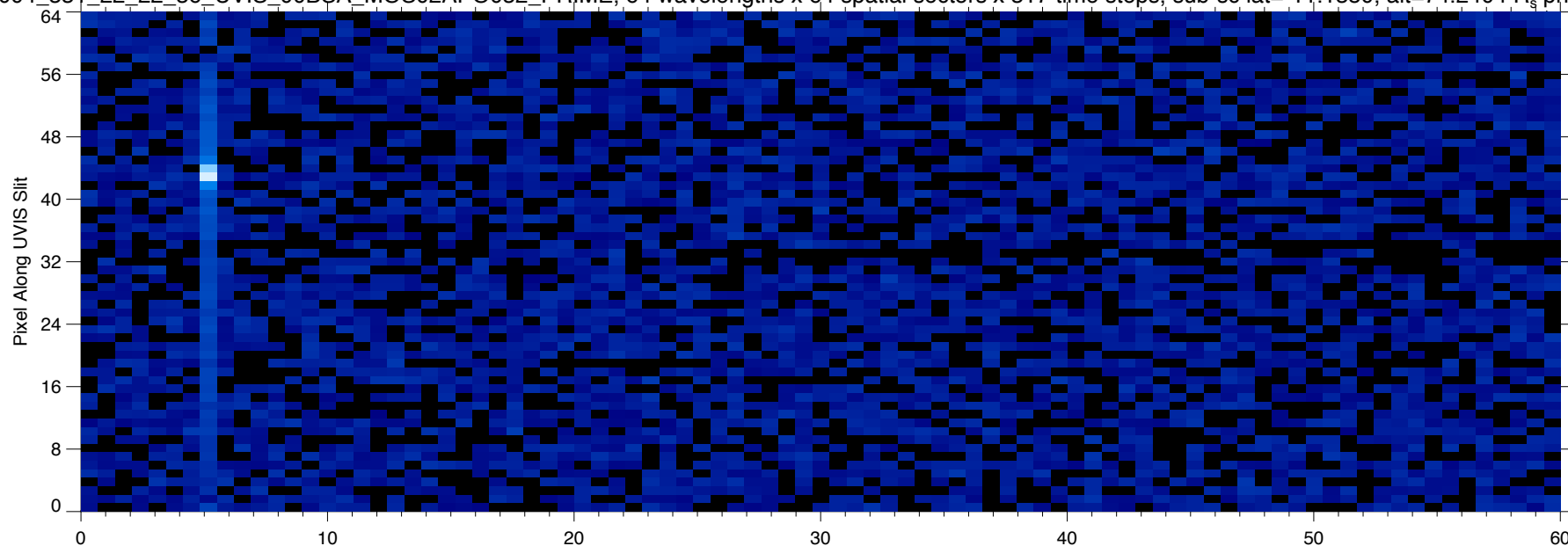
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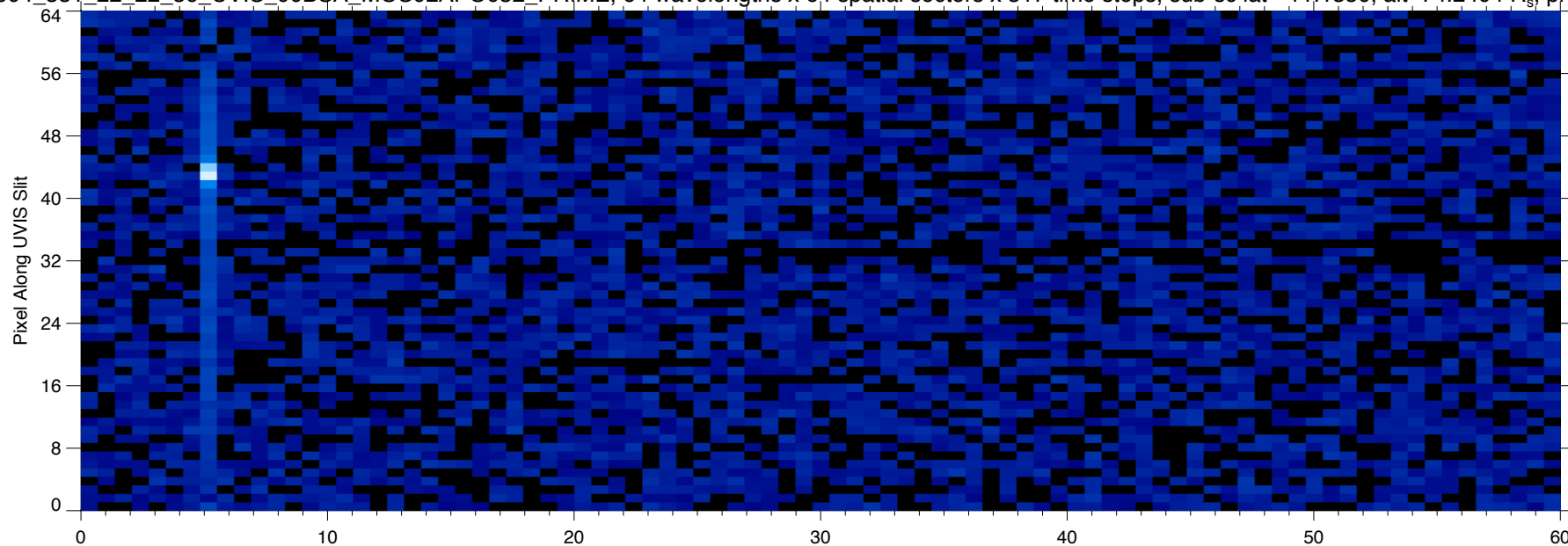
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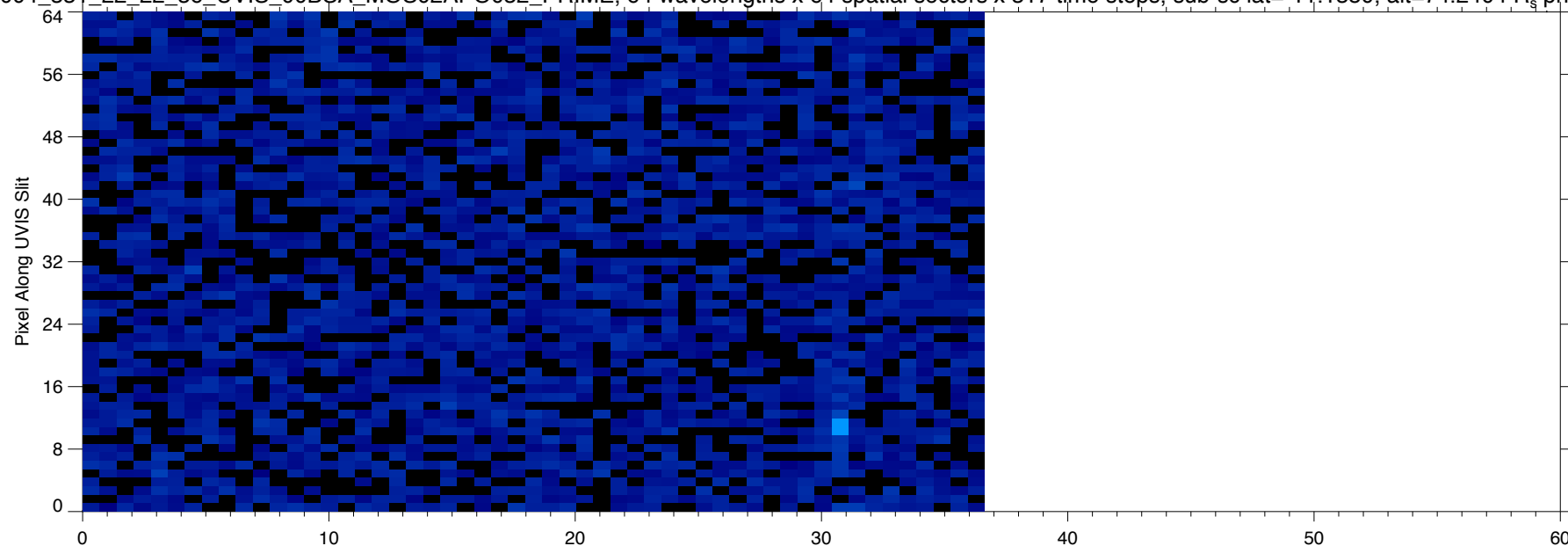
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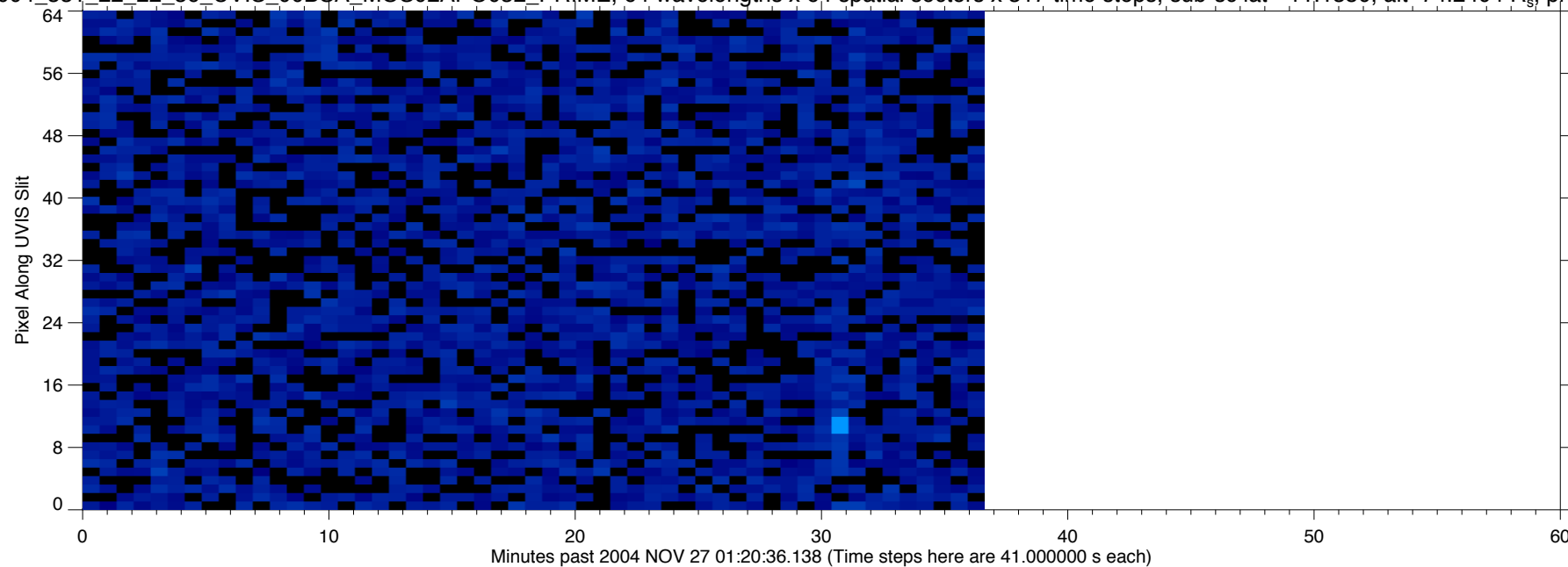
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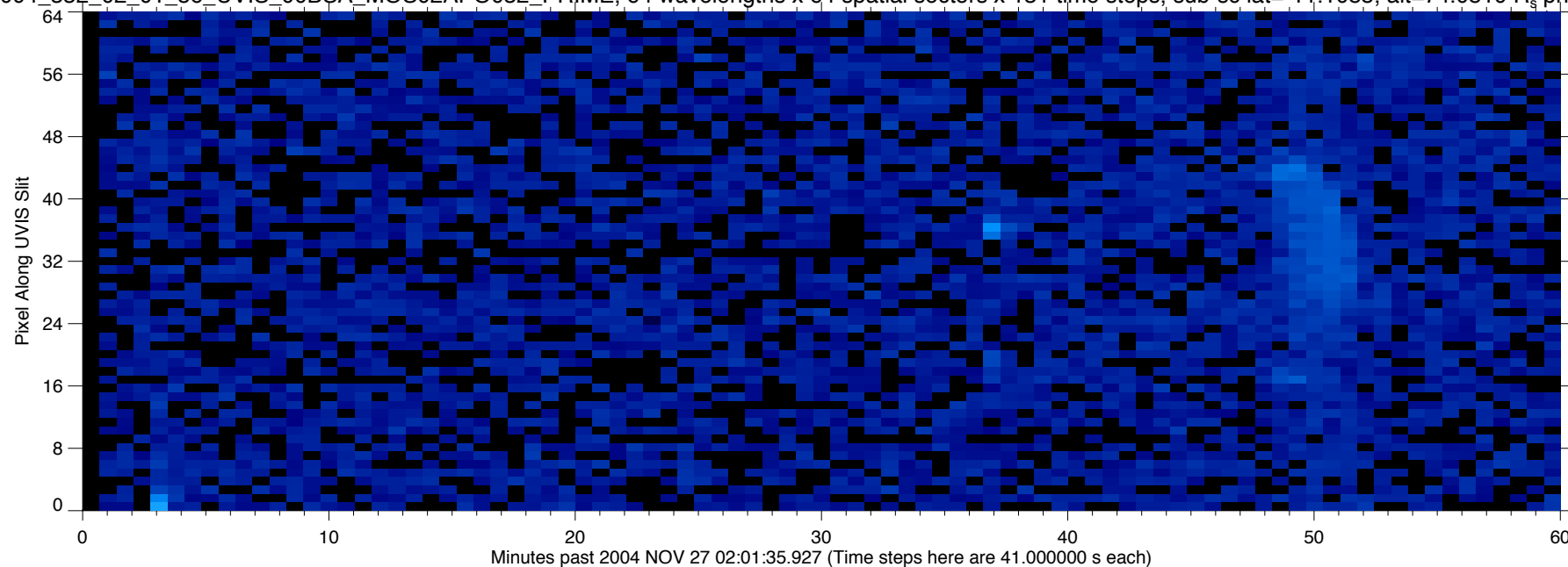
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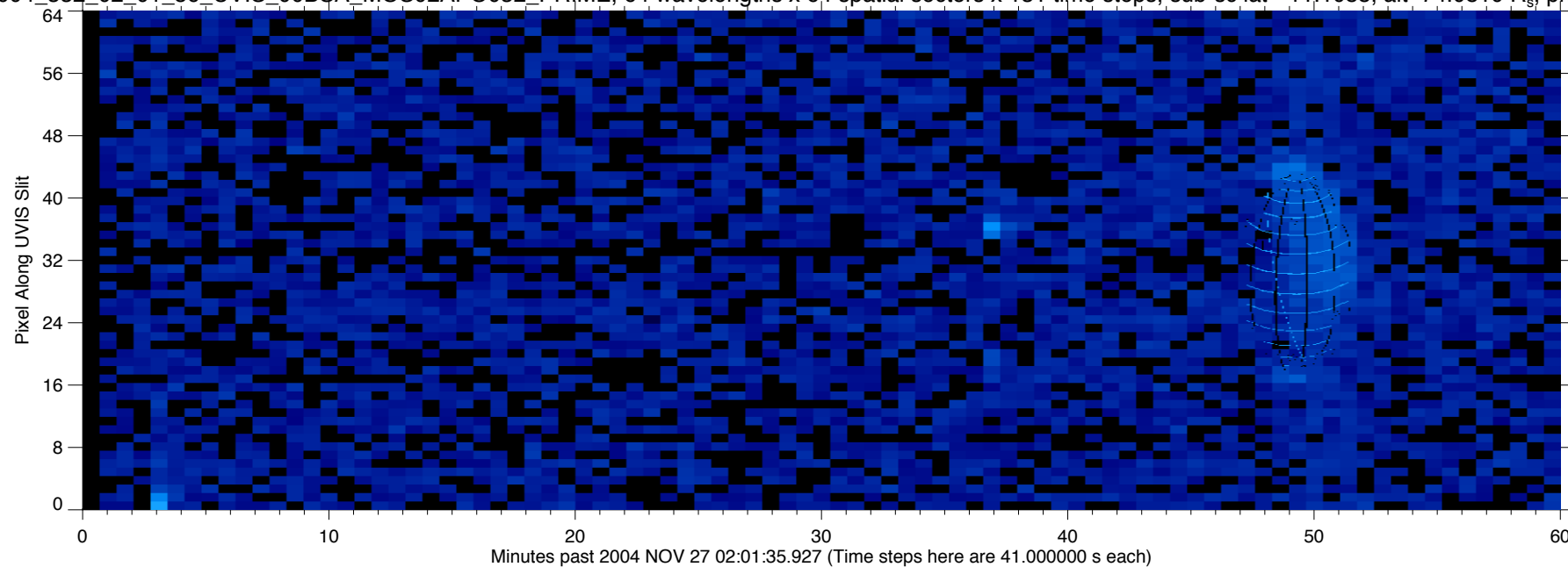
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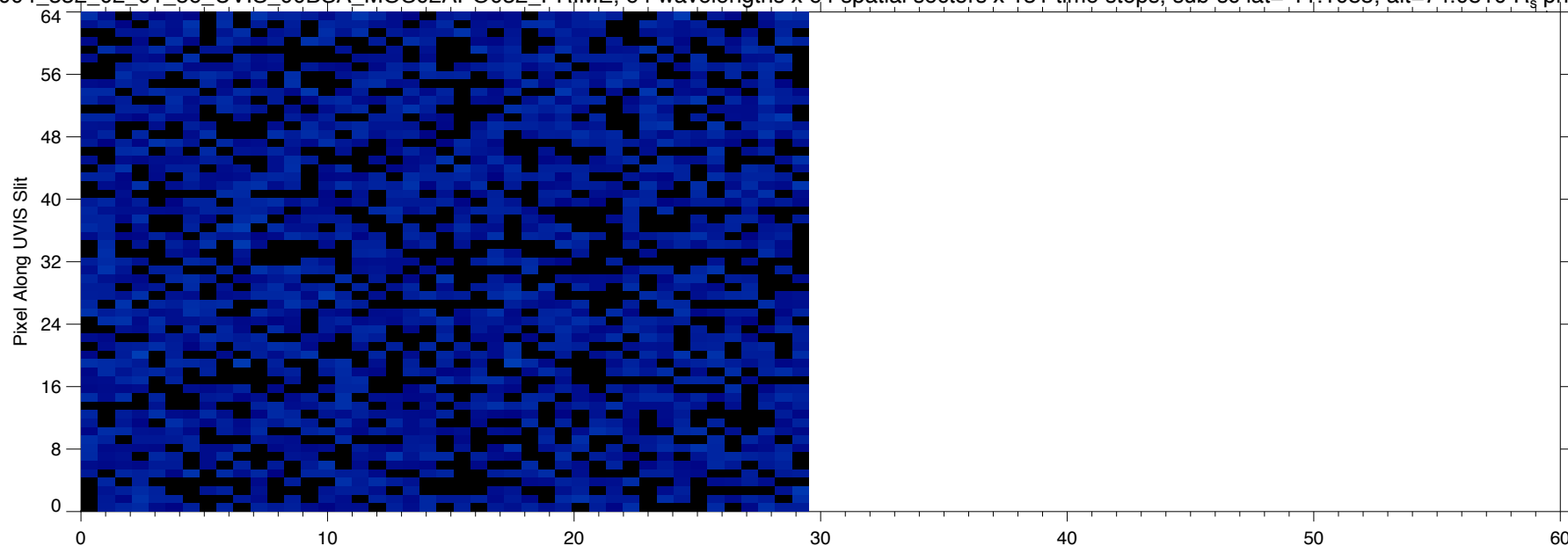
FUV2004_332_02_01_56_UVIS_00BSA_MOS02APO032_PRIME, 64 wavelengths x 64 spatial sectors x 131 time steps, sub-sc lat=-11.1085, alt=74.0810 R_s, phase=71.6081



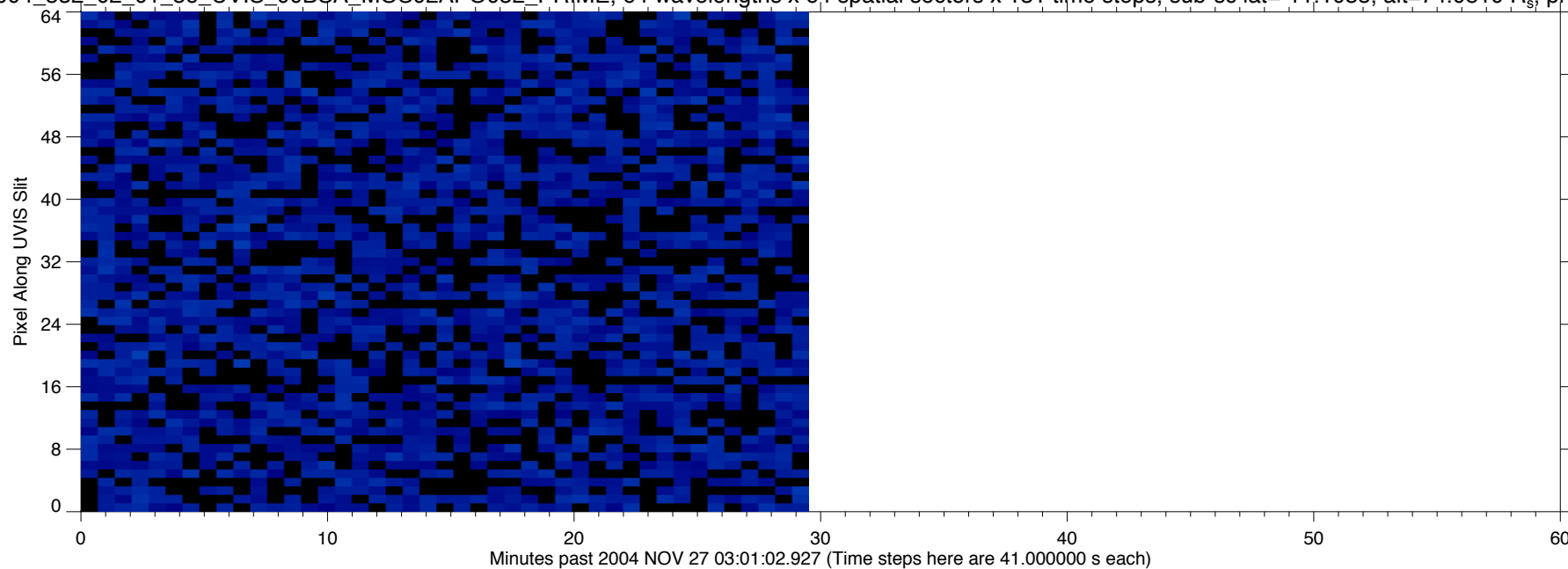
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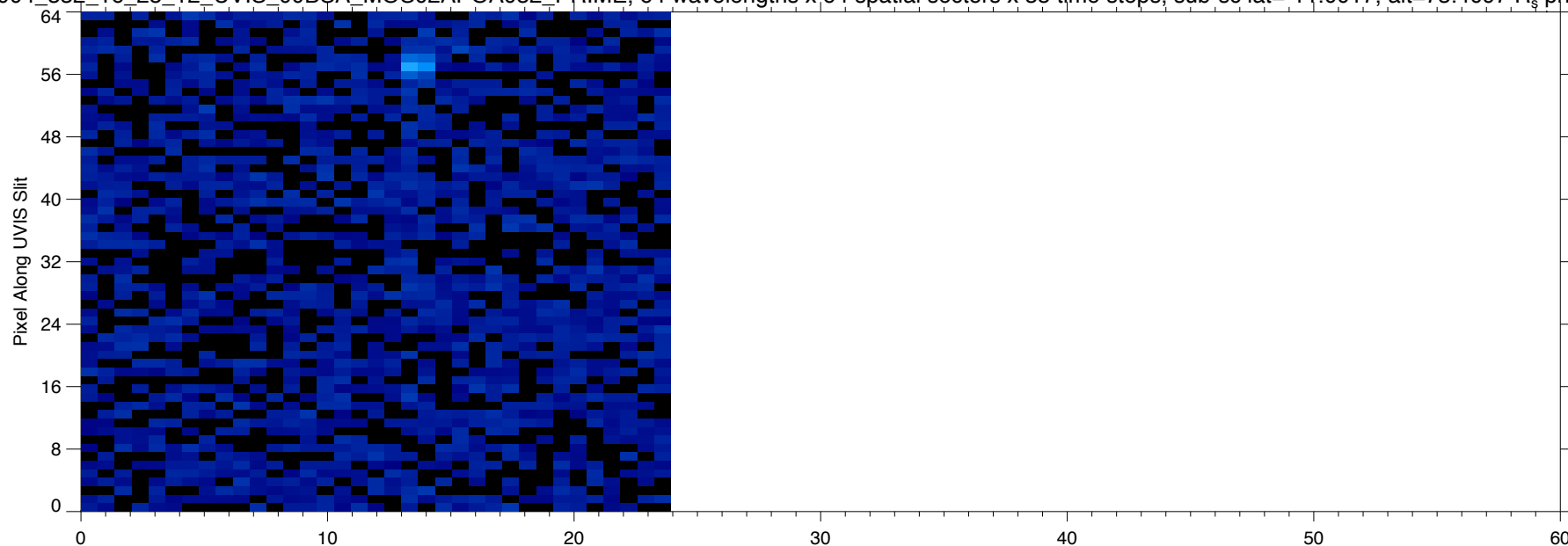
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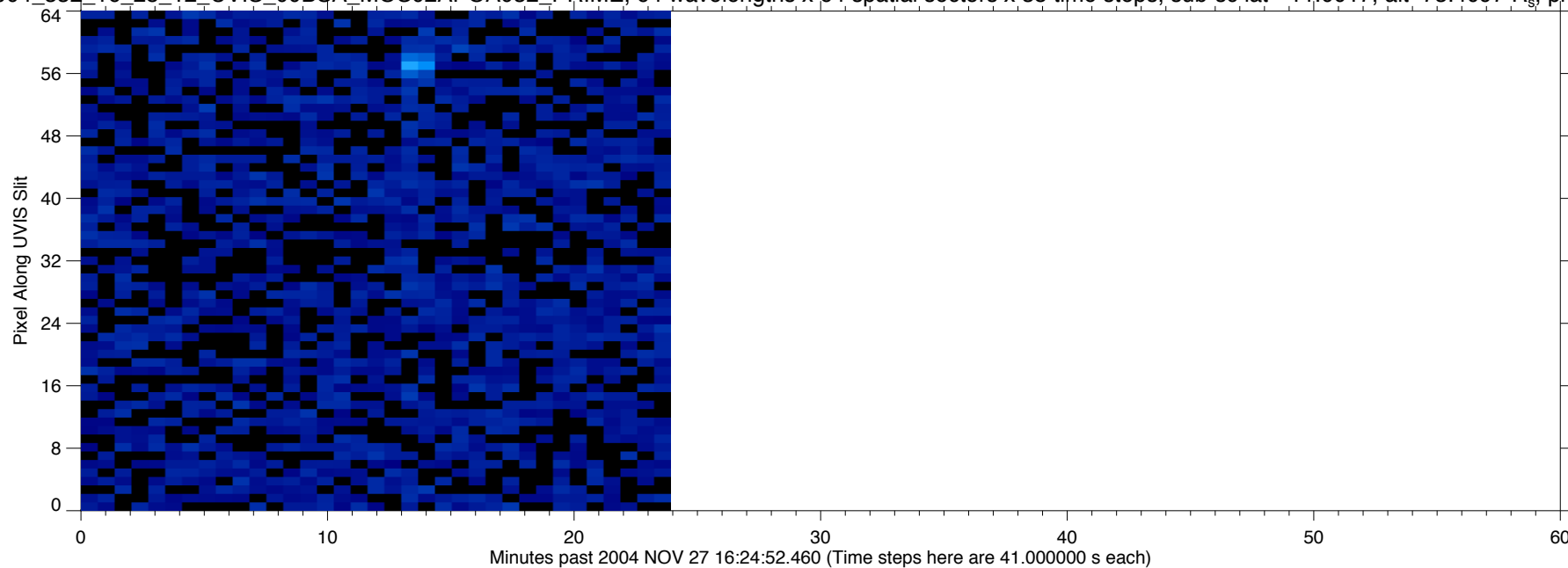
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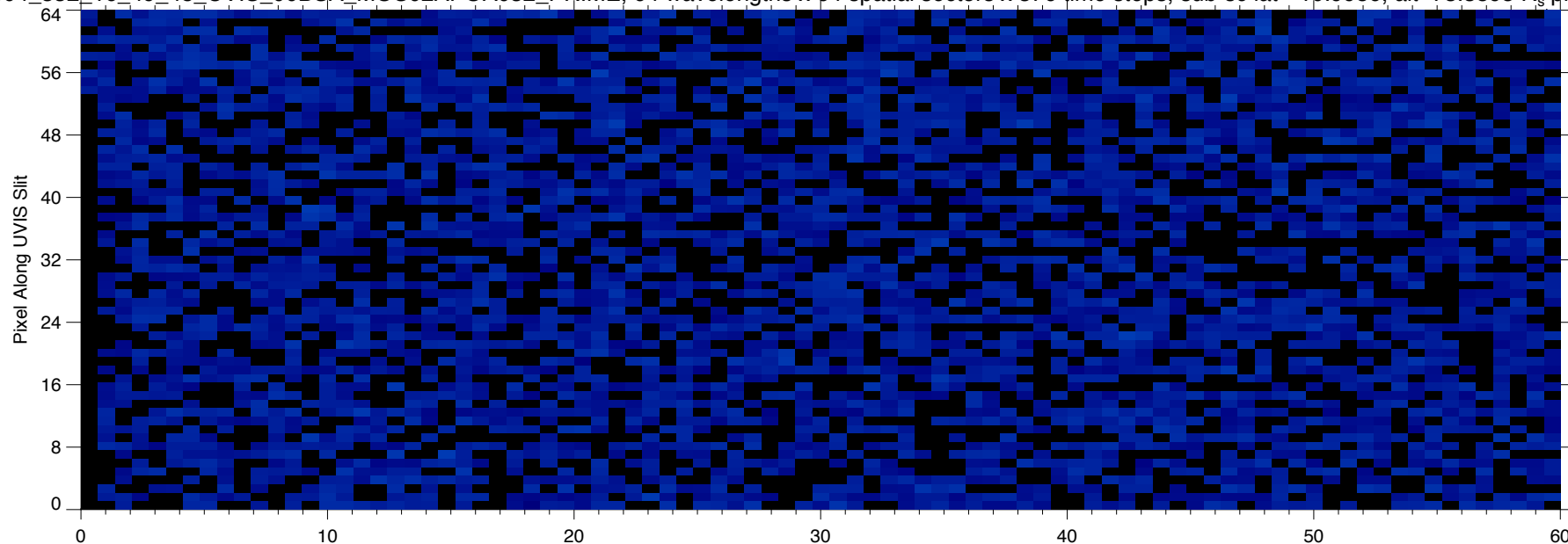
FUV2004_332_16_25_12_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 35 time steps, sub-sc lat=-11.0017, alt=73.4097 R_s, phase=70.9784



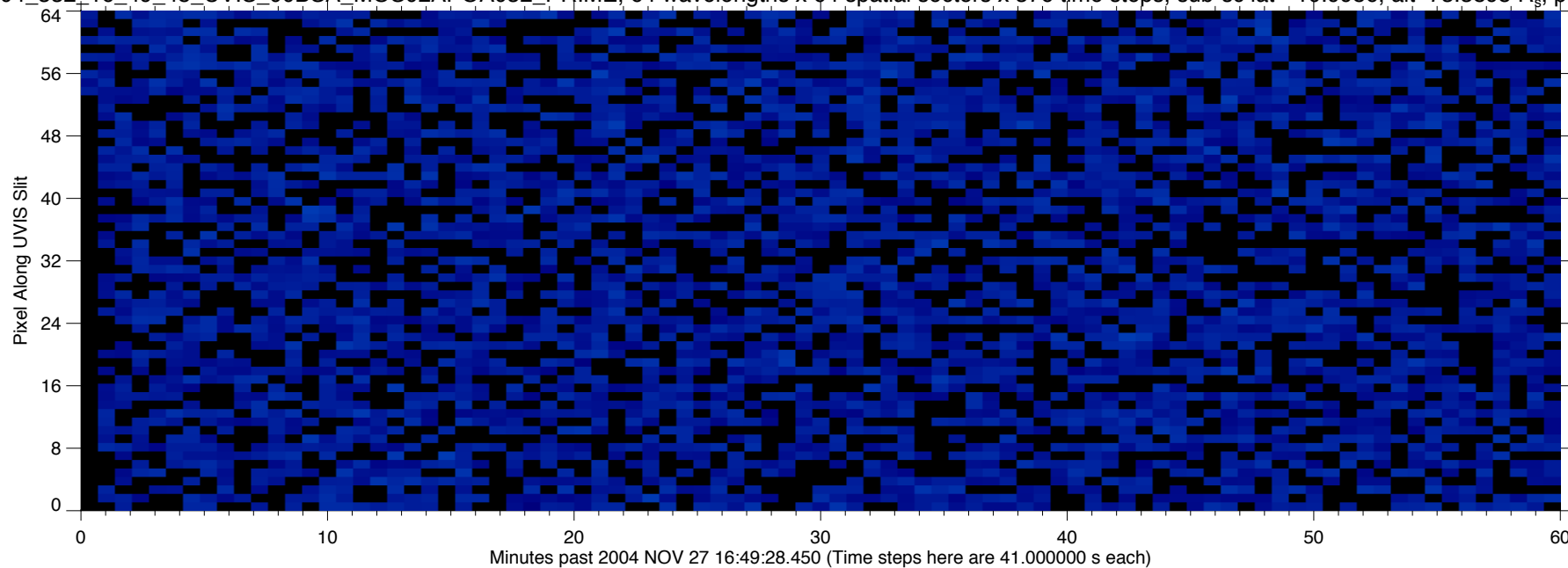
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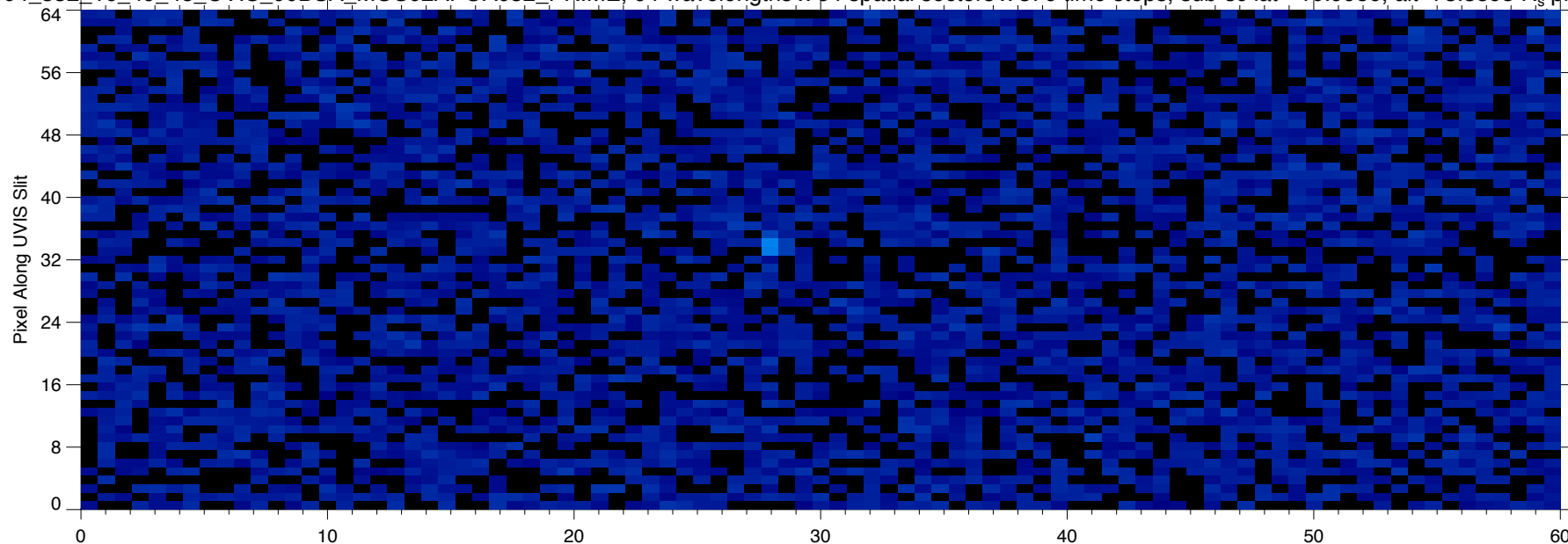
FUV2004_332_16_49_48_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 376 time steps, sub-sc lat=-10.9986, alt=73.3895 R_s, phase=70.9603



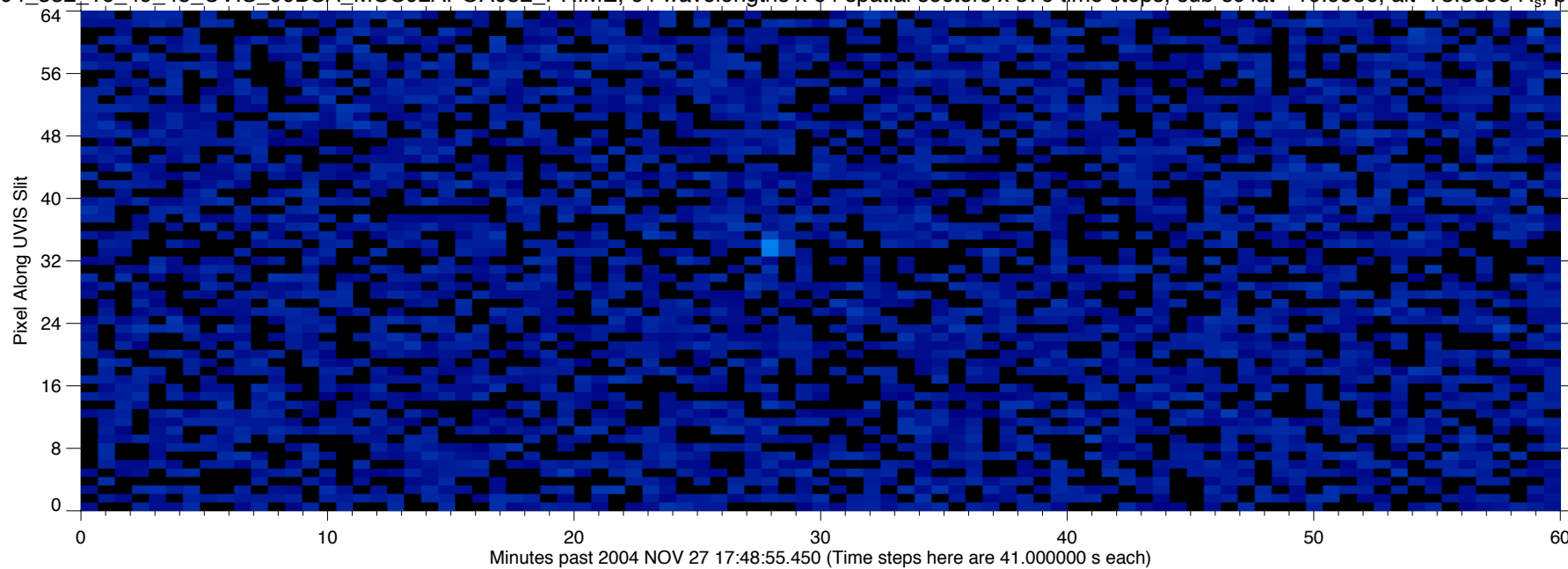
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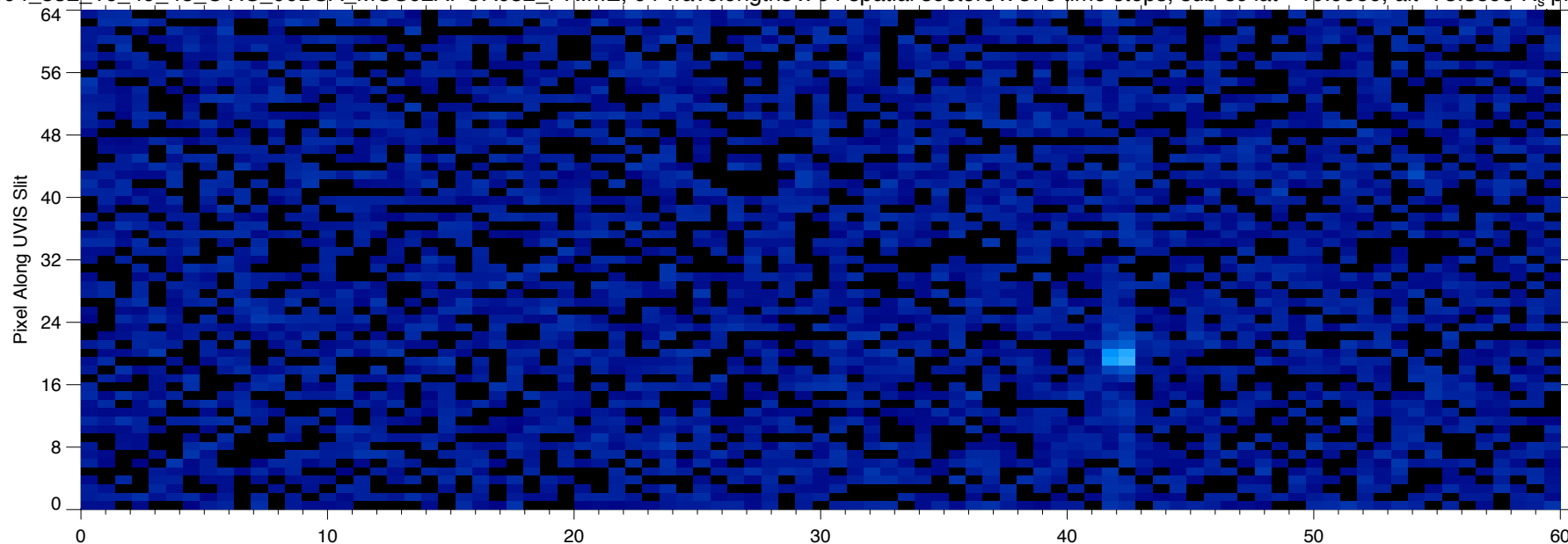
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FUV2004_332_16_49_48_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 376 time steps, sub-sc lat=-10.9986, alt=73.3895 R_s, phase=70.9603

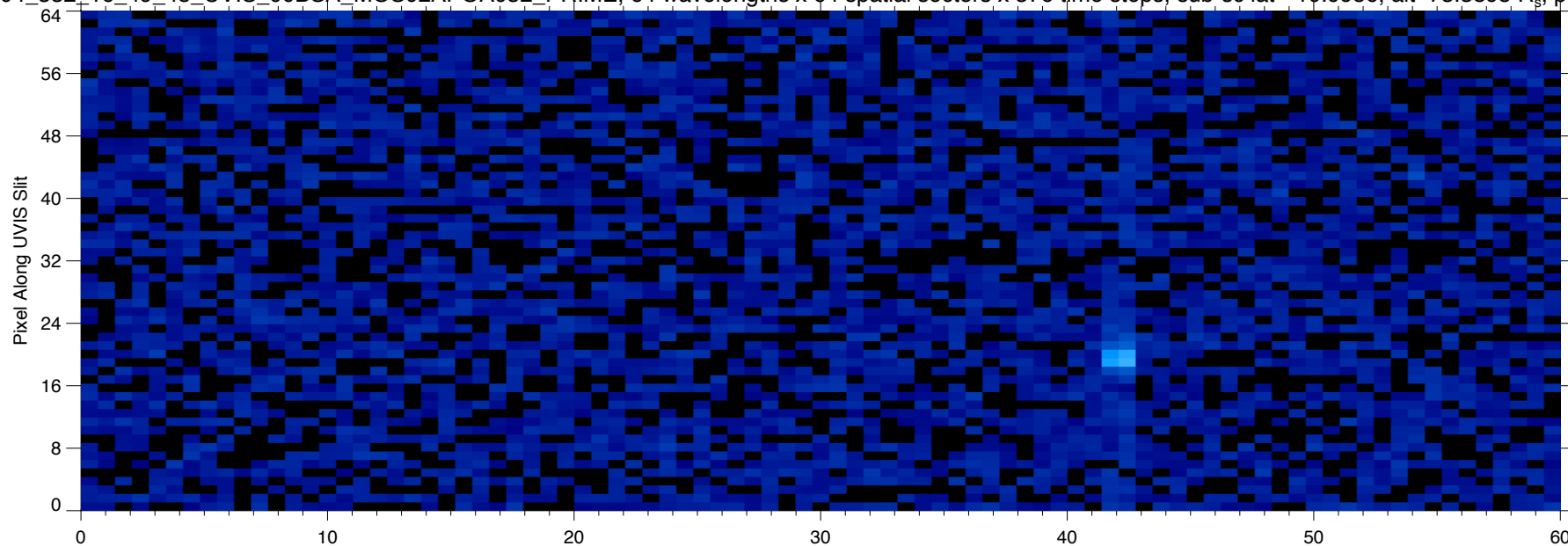


FUV2004_332_16_49_48_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 376 time steps, sub-sc lat=-10.9986, alt=73.3895 R_s, phase=70.9603



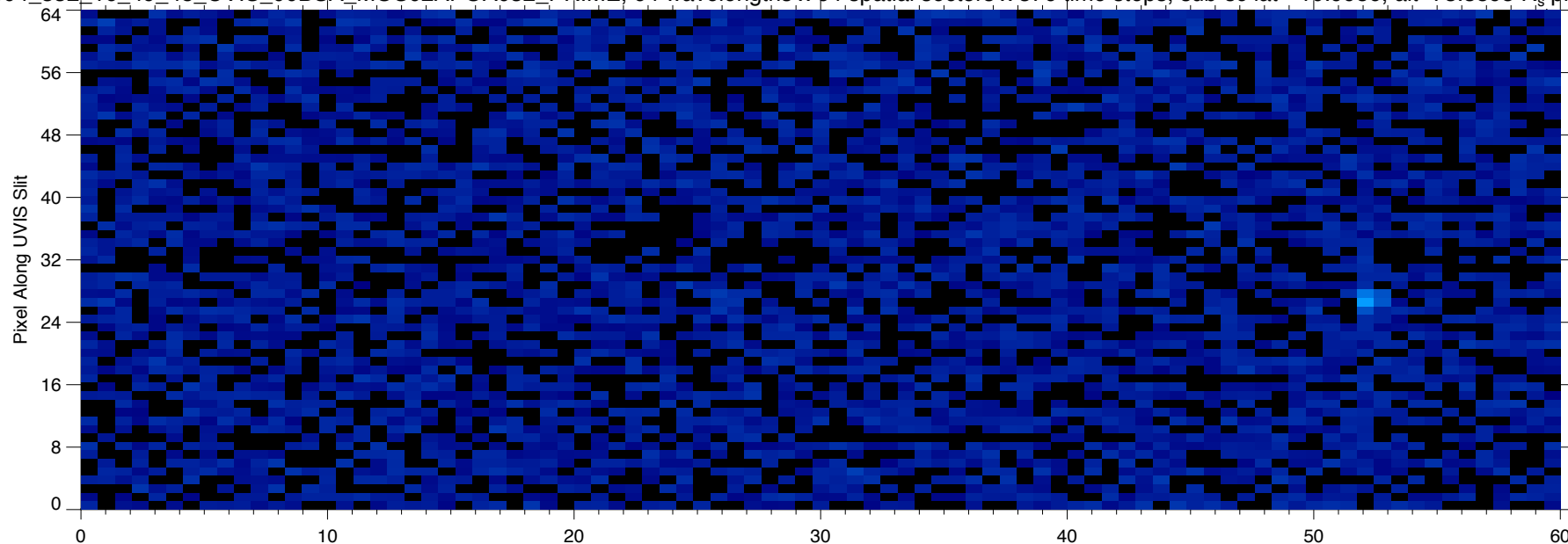
Minutes past 2004 NOV 27 18:48:22.450 (Time steps here are 41.000000 s each)

FUV2004_332_16_49_48_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 376 time steps, sub-sc lat=-10.9986, alt=73.3895 R_s, phase=70.9603



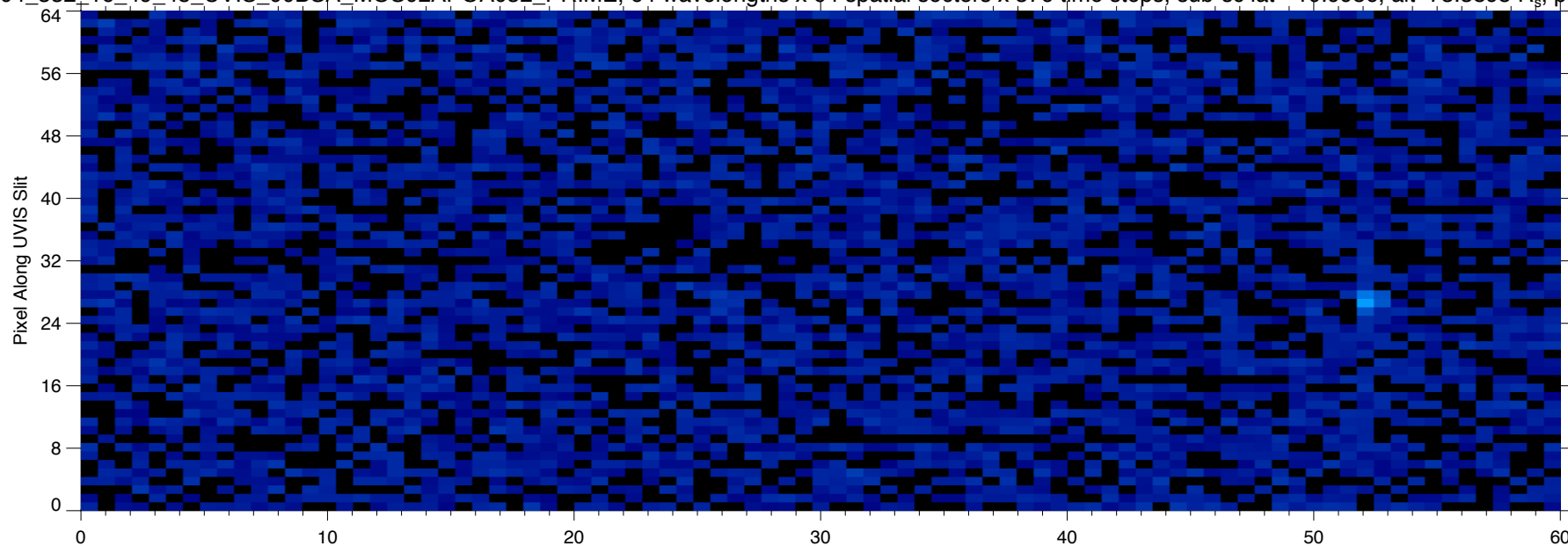
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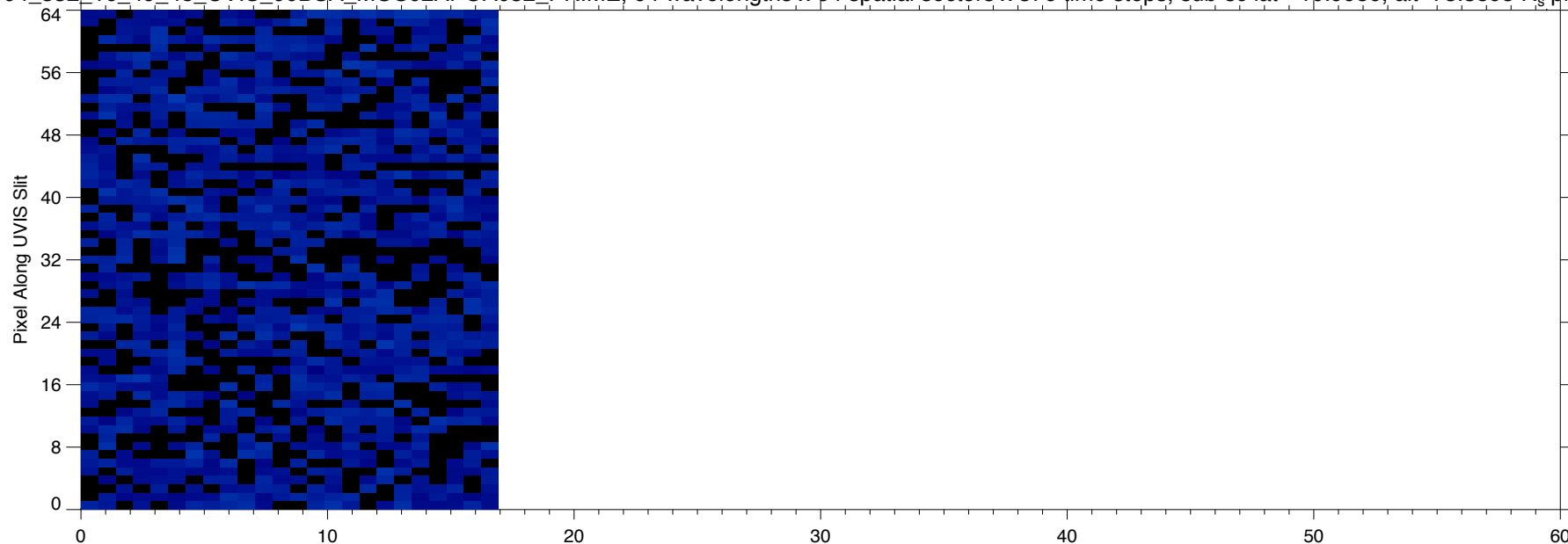
Minutes past 2004 NOV 27 19:47:49.450 (Time steps here are 41.000000 s each)

FUV2004_332_16_49_48_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 376 time steps, sub-sc lat=-10.9986, alt=73.3895 R_s, phase=70.9603

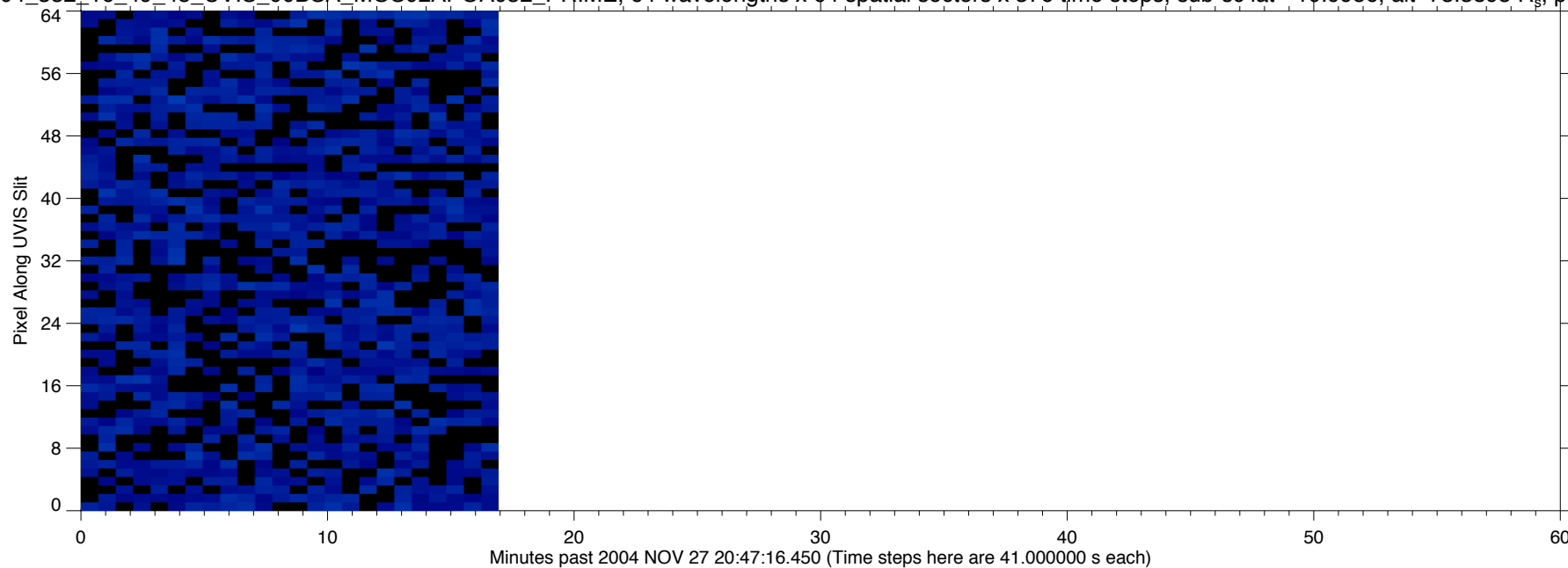


Minutes past 2004 NOV 27 19:47:49.450 (Time steps here are 41.000000 s each)

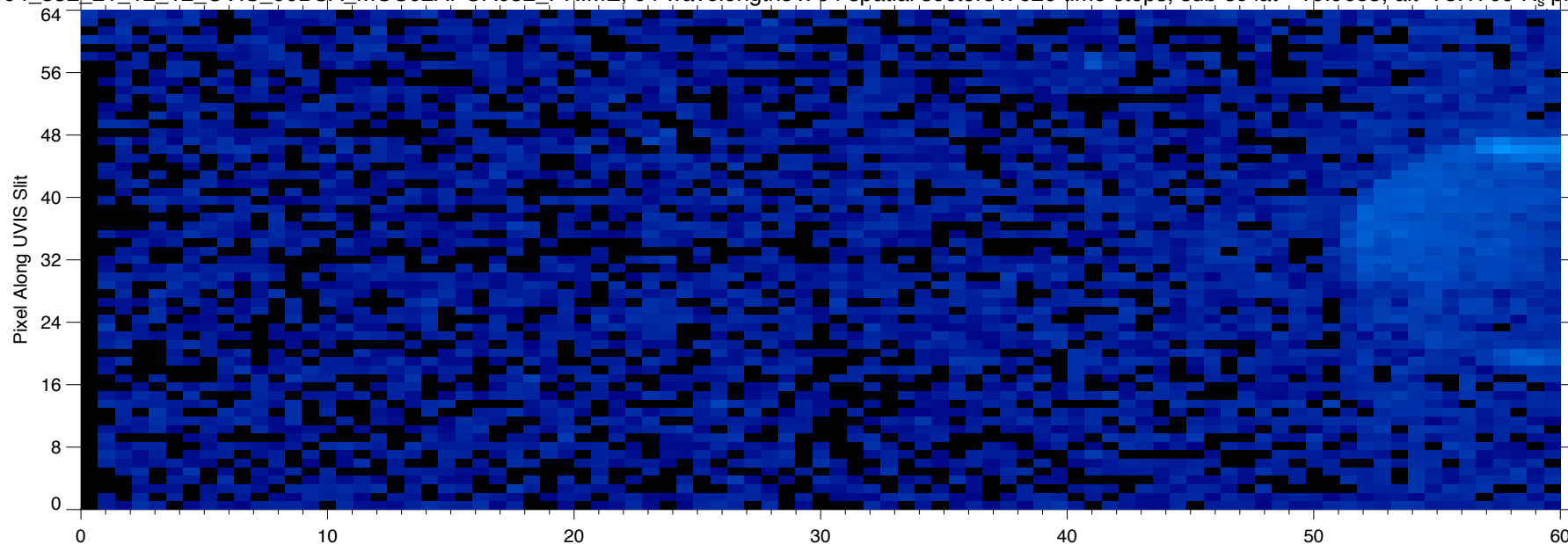
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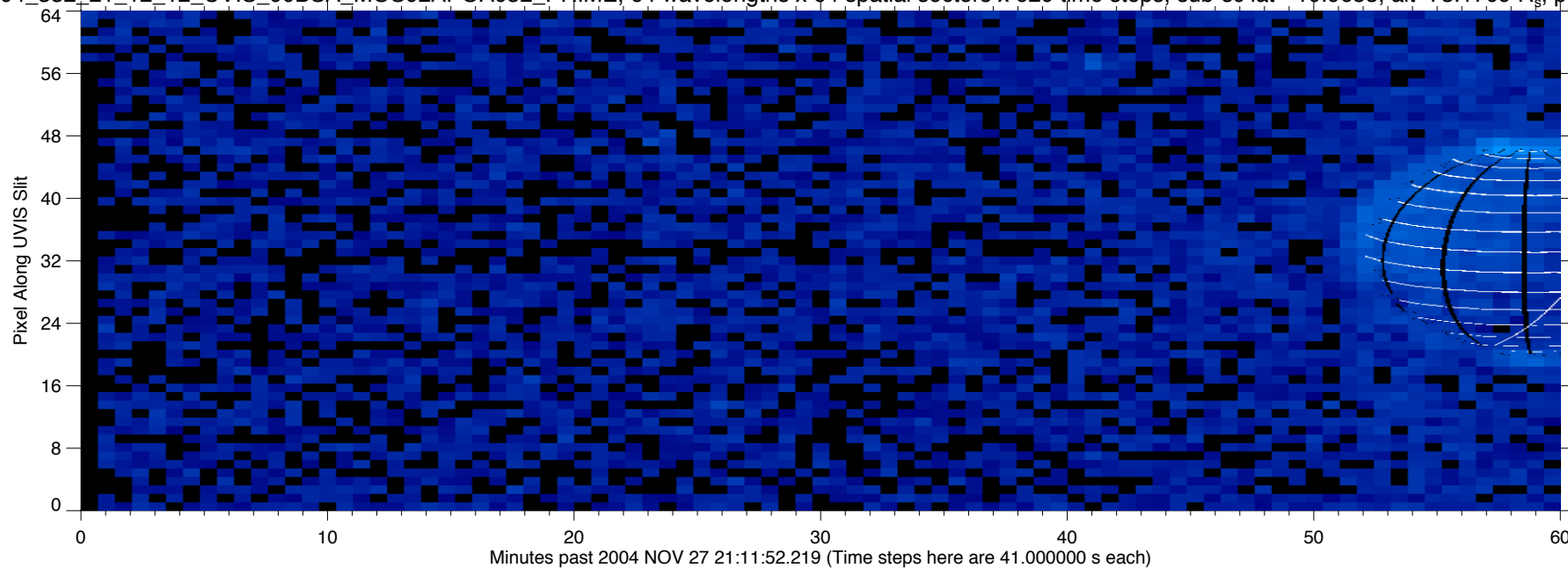
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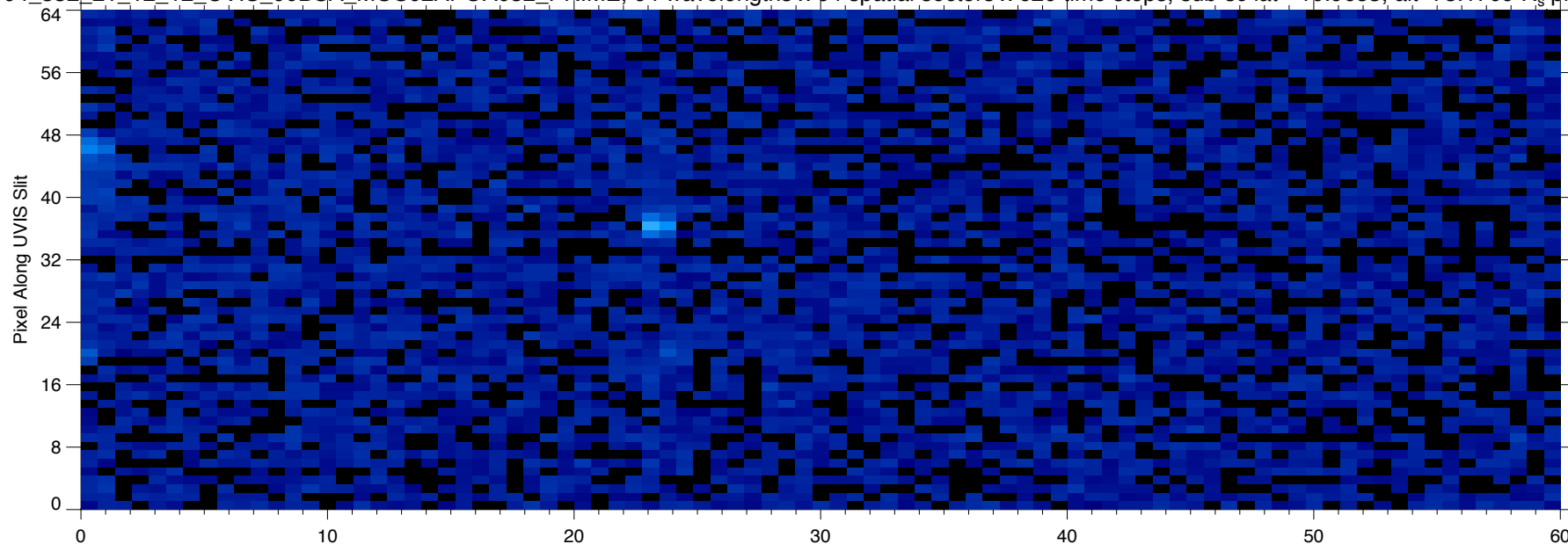
FUV2004_332_21_12_12_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 620 time steps, sub-sc lat=-10.9653, alt=73.1709 R_s, phase=70.7665



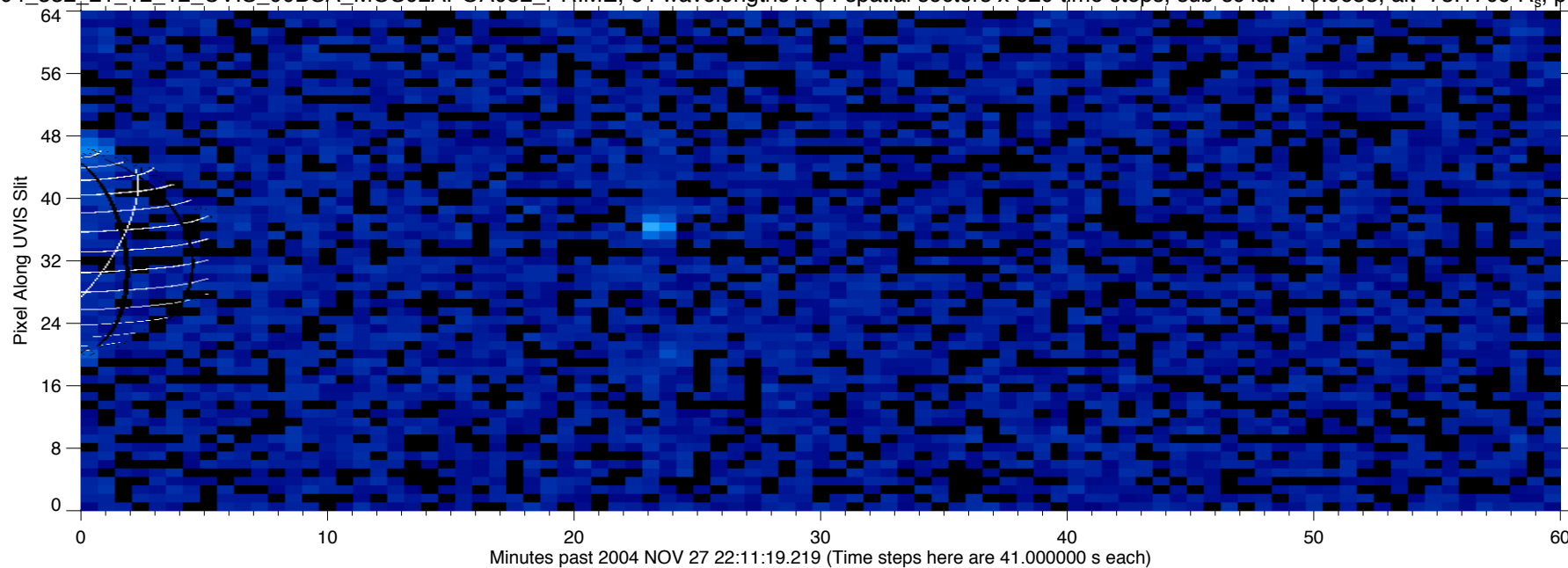
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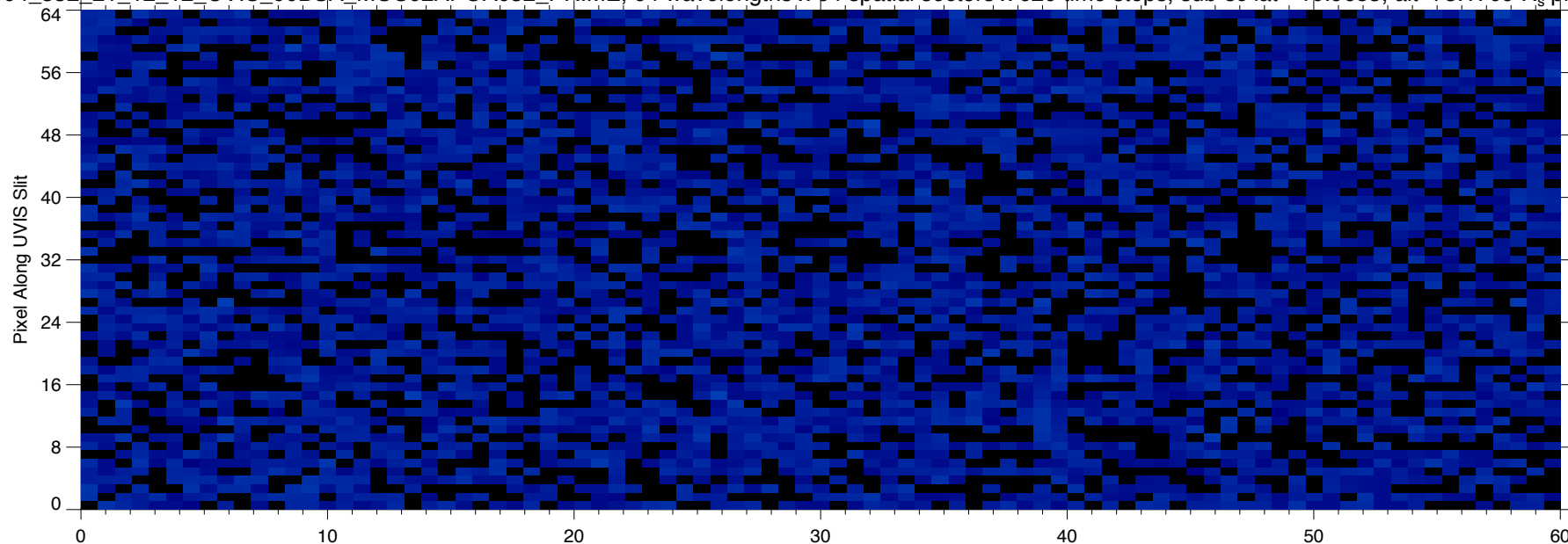
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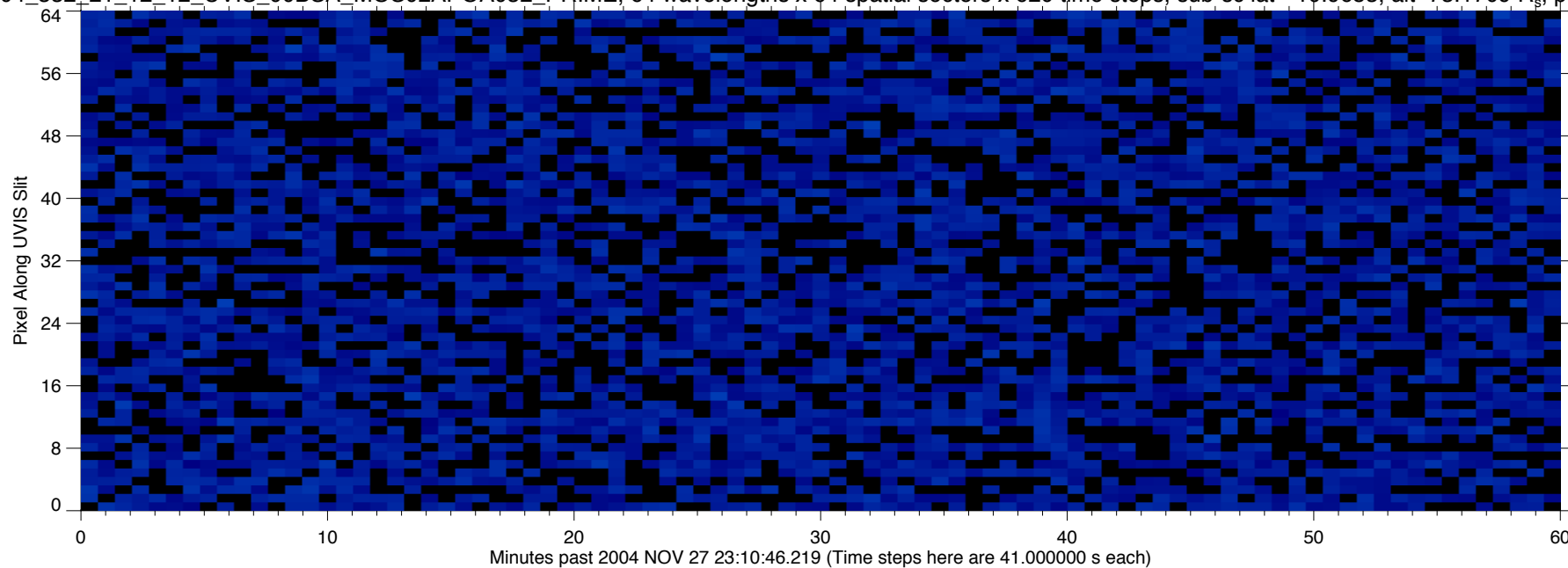
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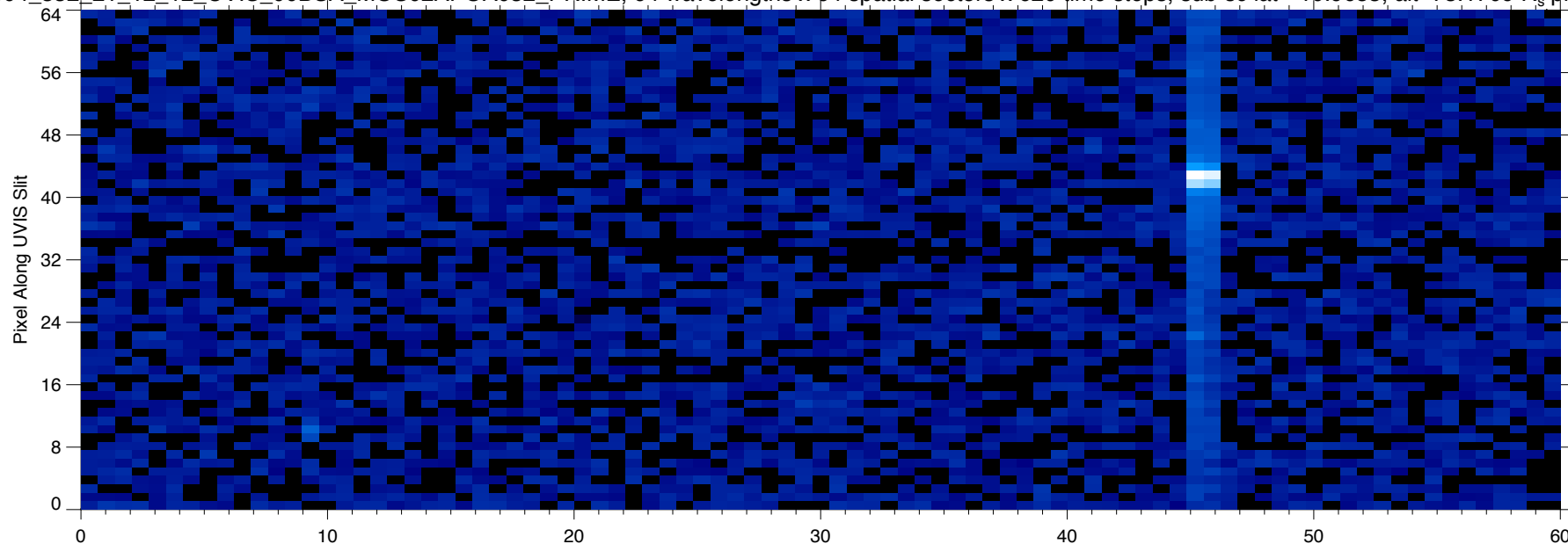
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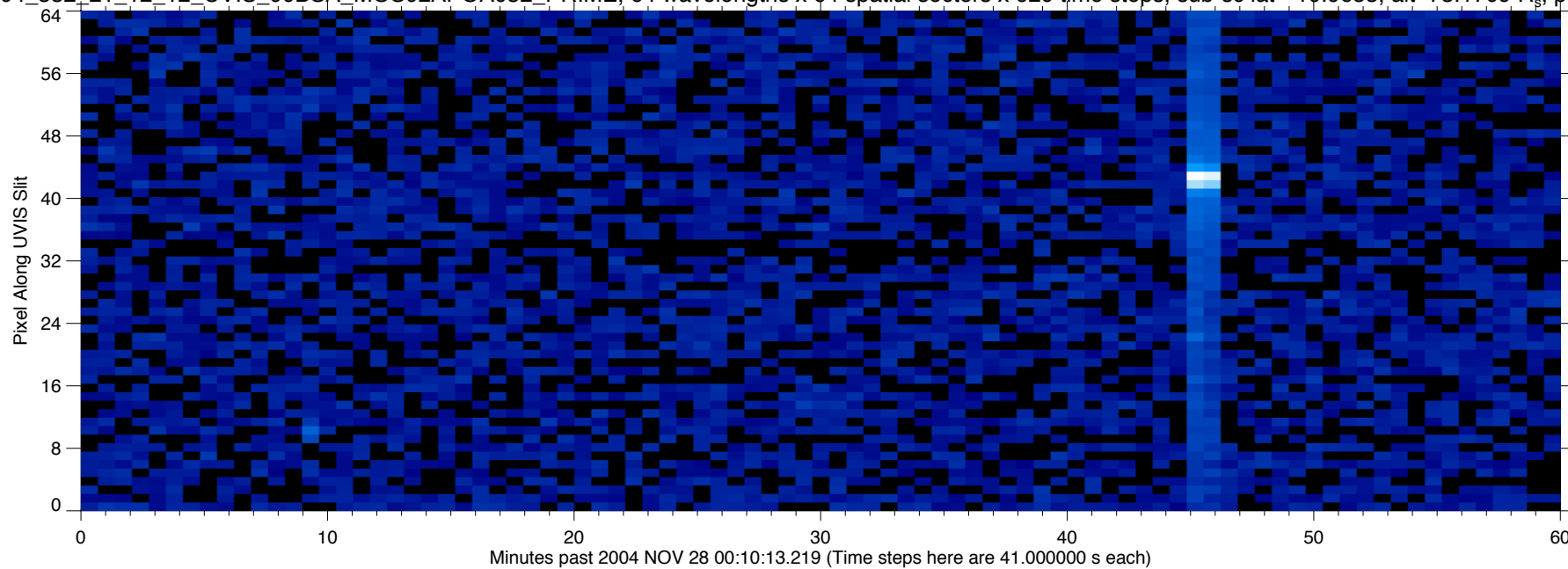
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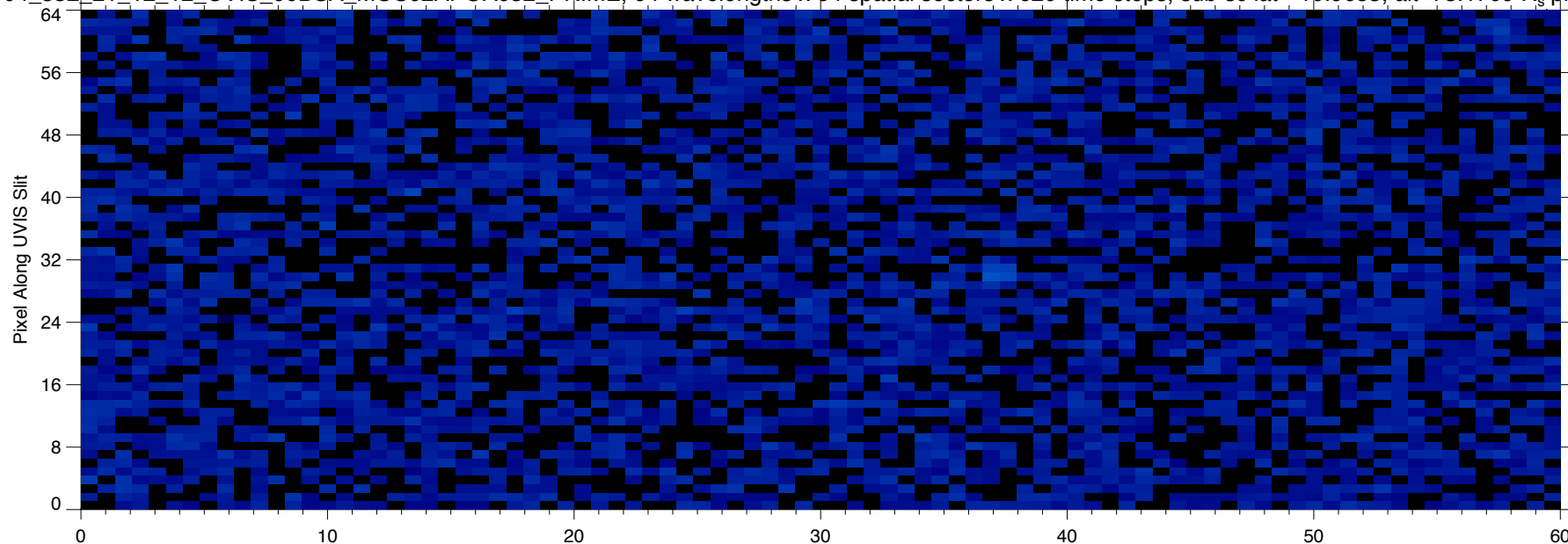
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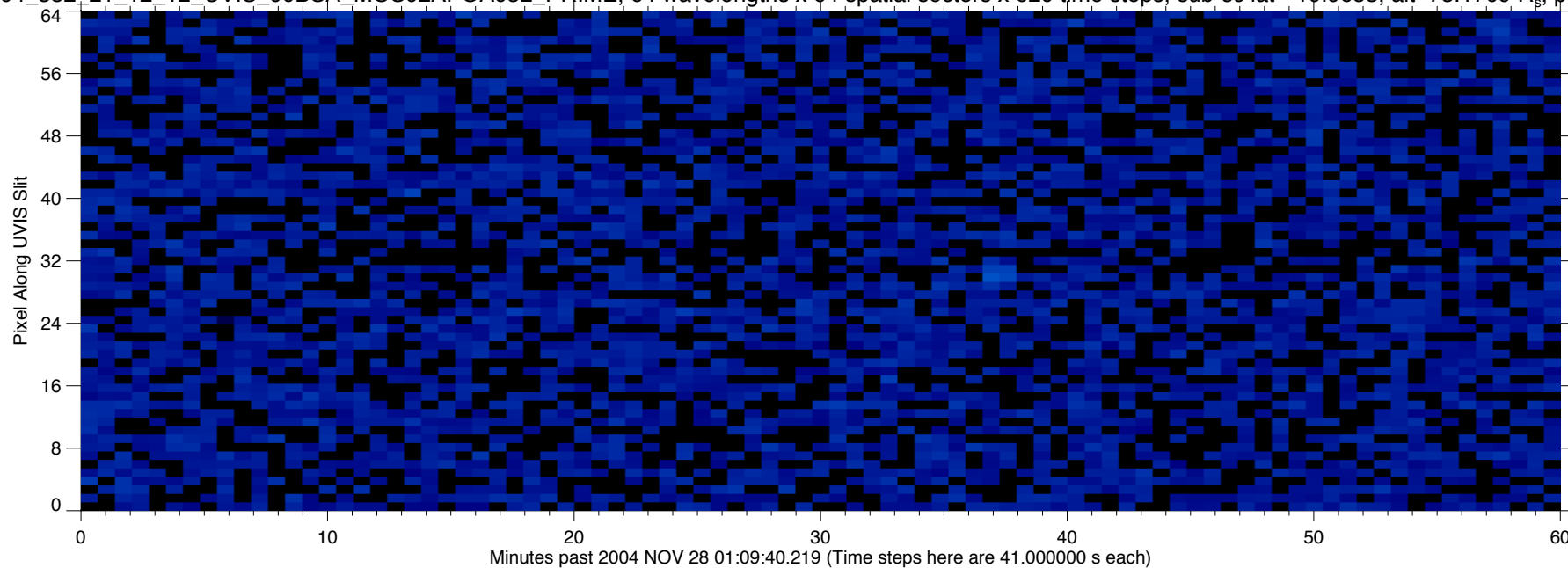
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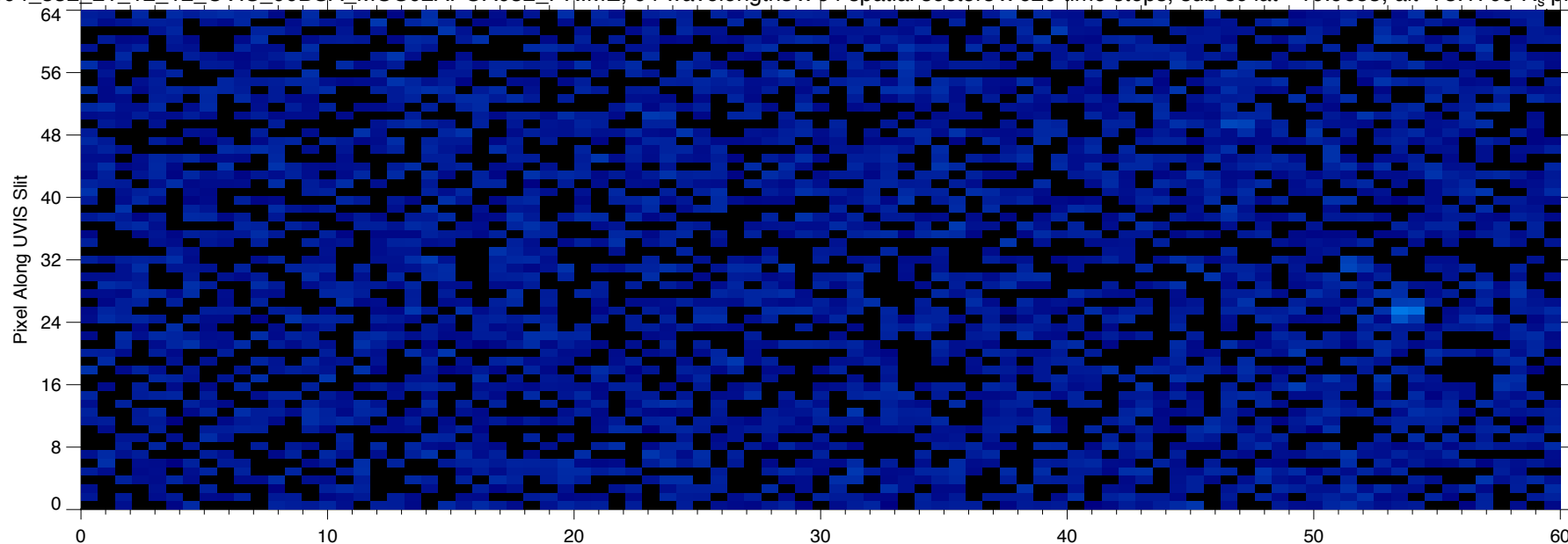
FUV2004_332_21_12_12_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 620 time steps, sub-sc lat=-10.9653, alt=73.1709 R_s, phase=70.7665



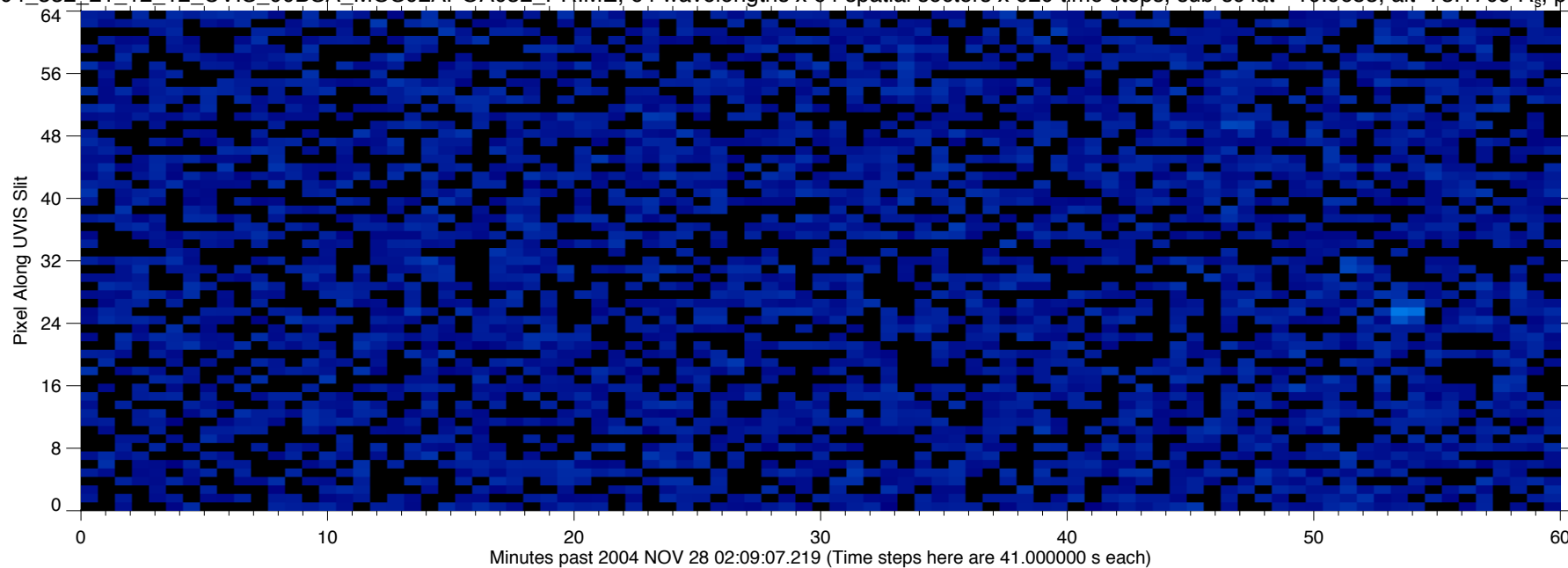
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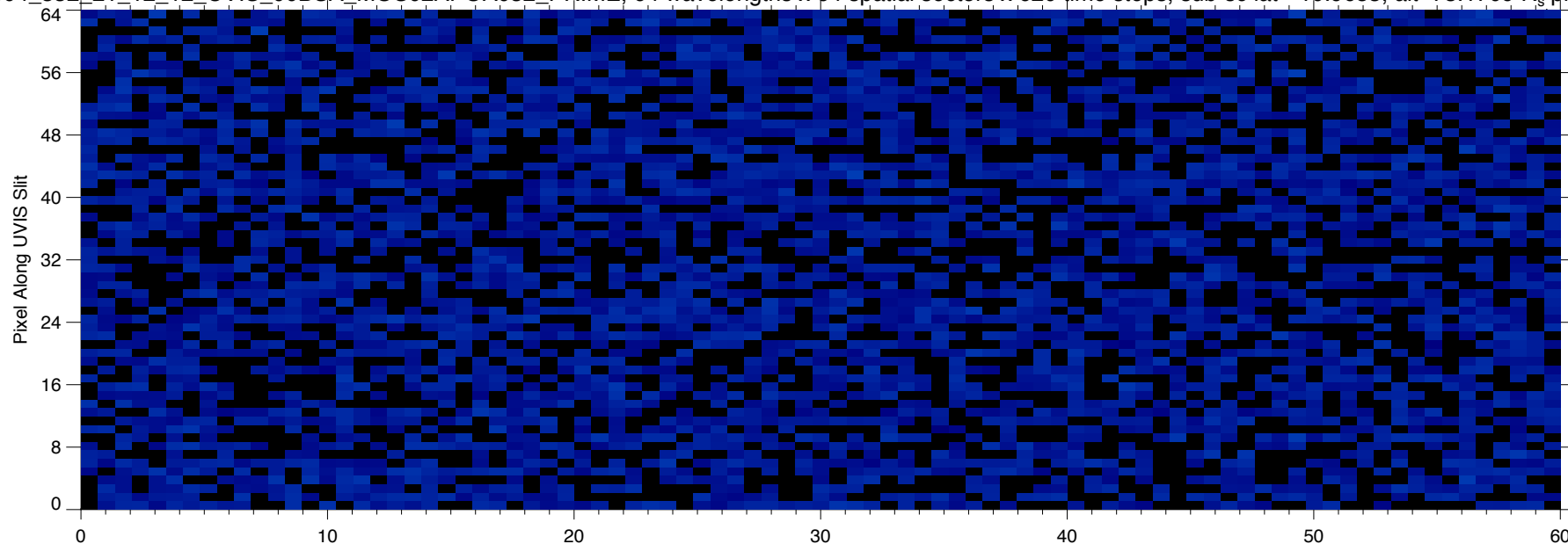
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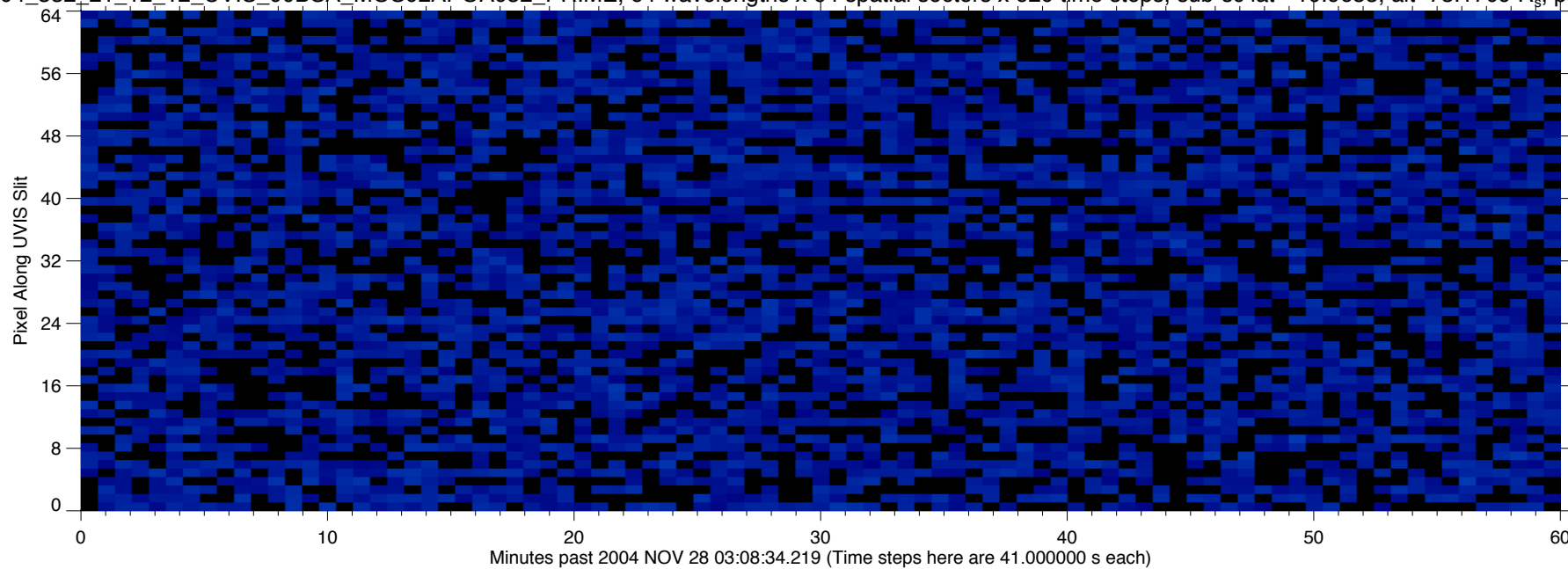
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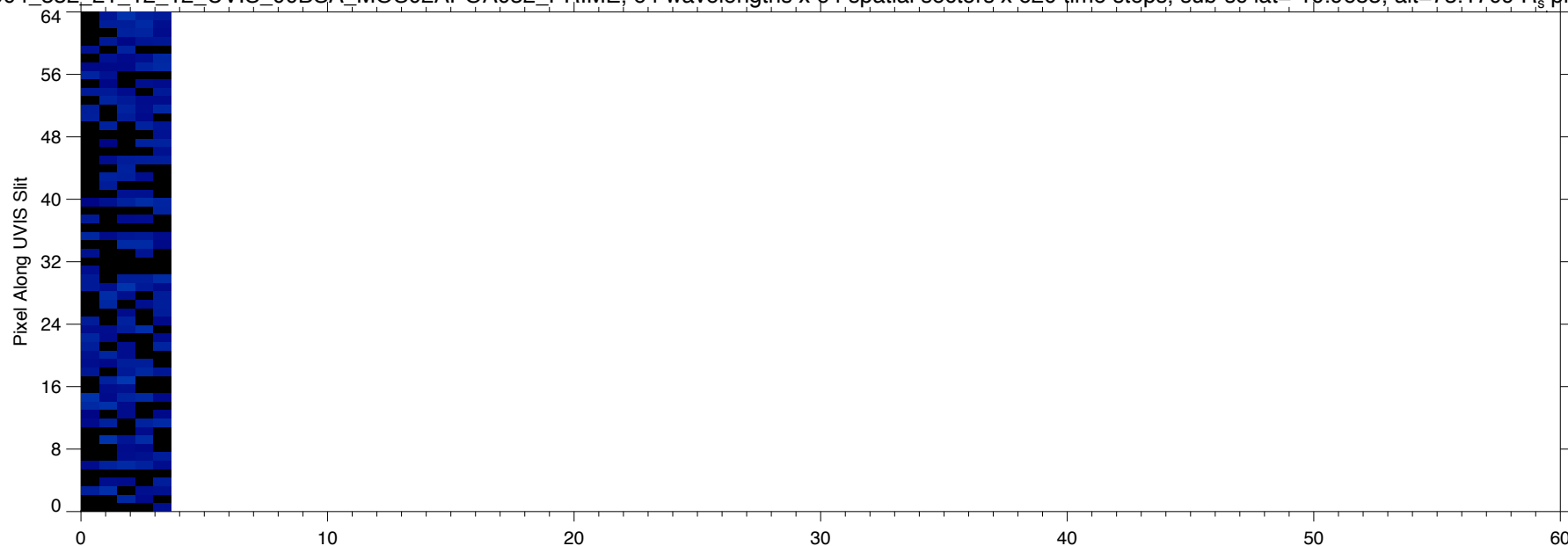
FUV2004_332_21_12_12_UVIS_00BSA_MOS02APOA032_PRIME, 64 wavelengths x 64 spatial sectors x 620 time steps, sub-sc lat=-10.9653, alt=73.1709 R_s, phase=70.7665



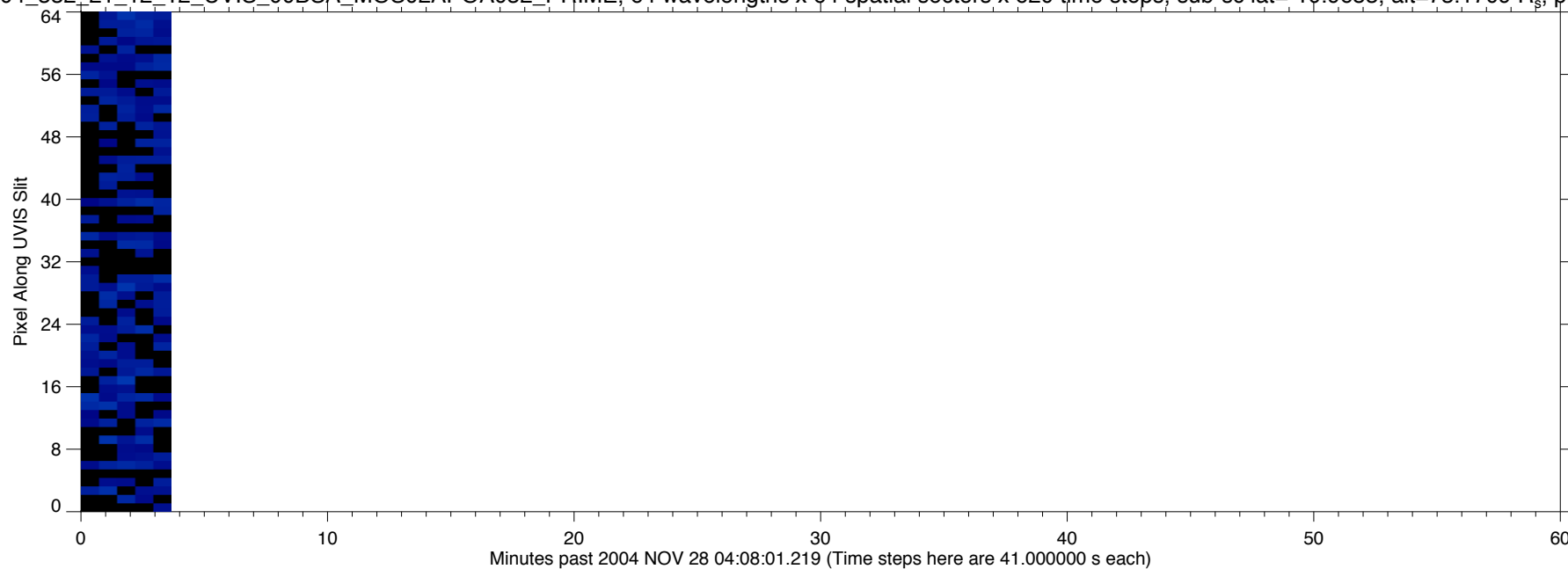
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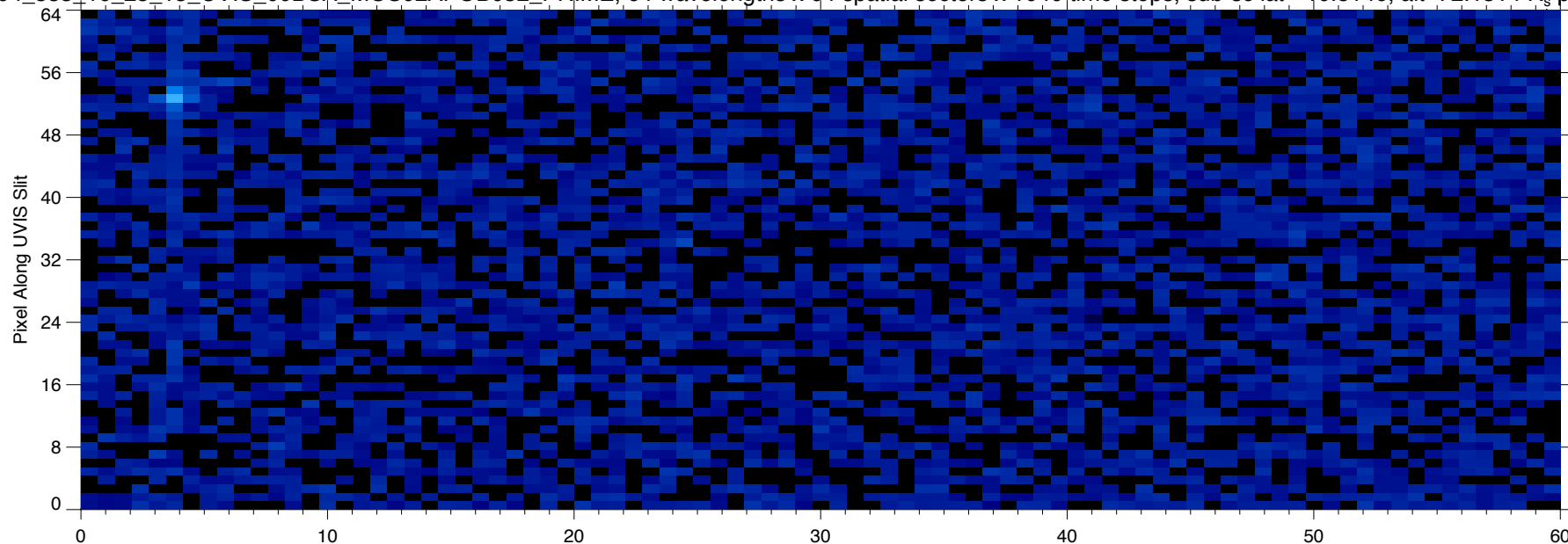
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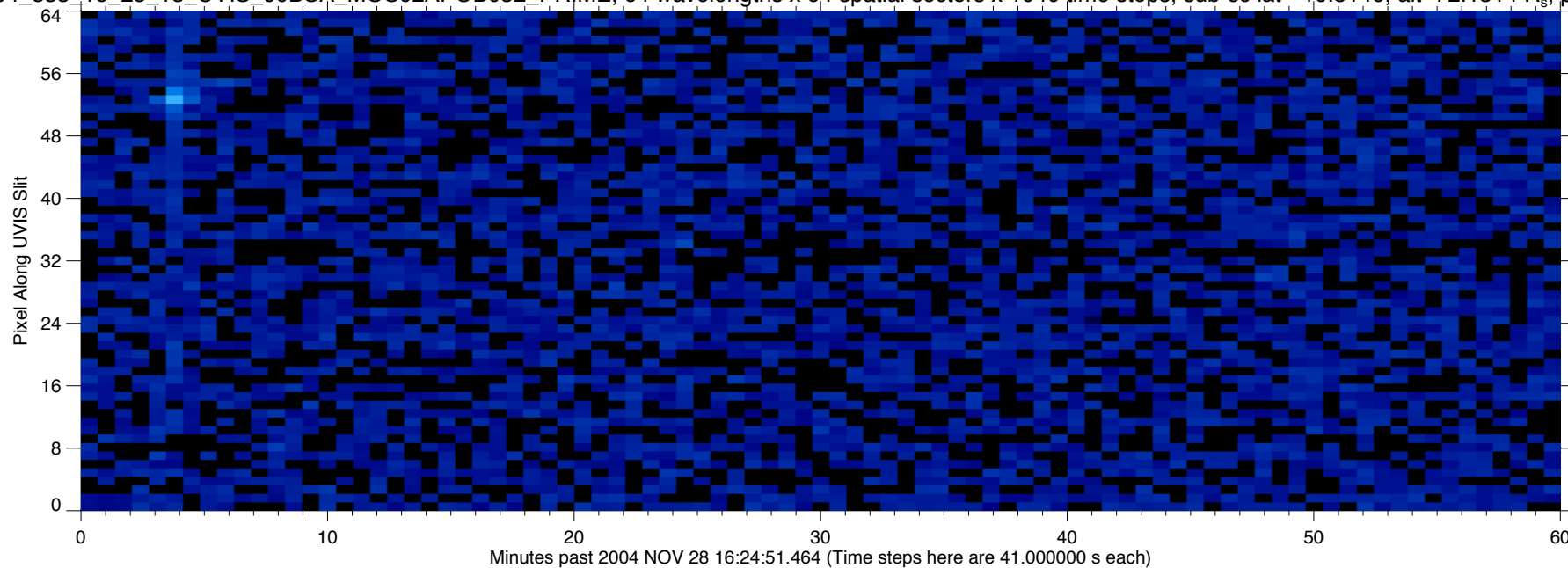
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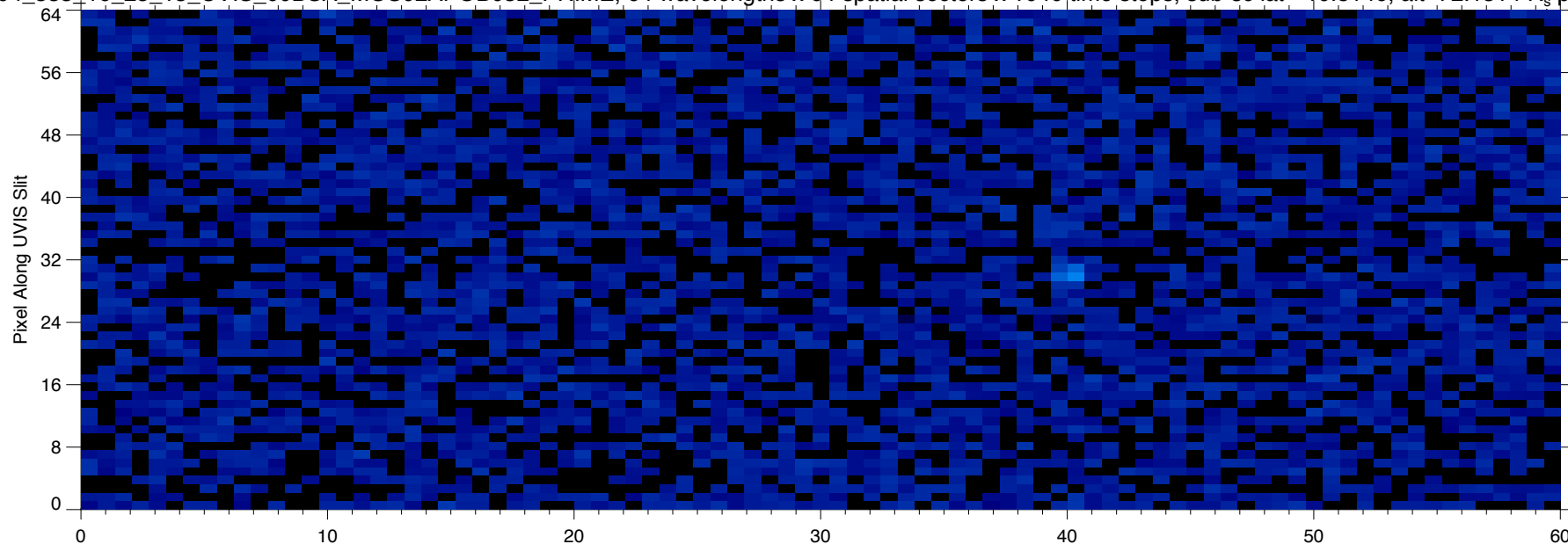
FUV2004_333_16_25_13_UVIS_00BSA_MOS02APOB032_PRIME, 64 wavelengths x 64 spatial sectors x 1040 time steps, sub-sc lat=-10.8146, alt=72.1314 R_s, phase=69.9013



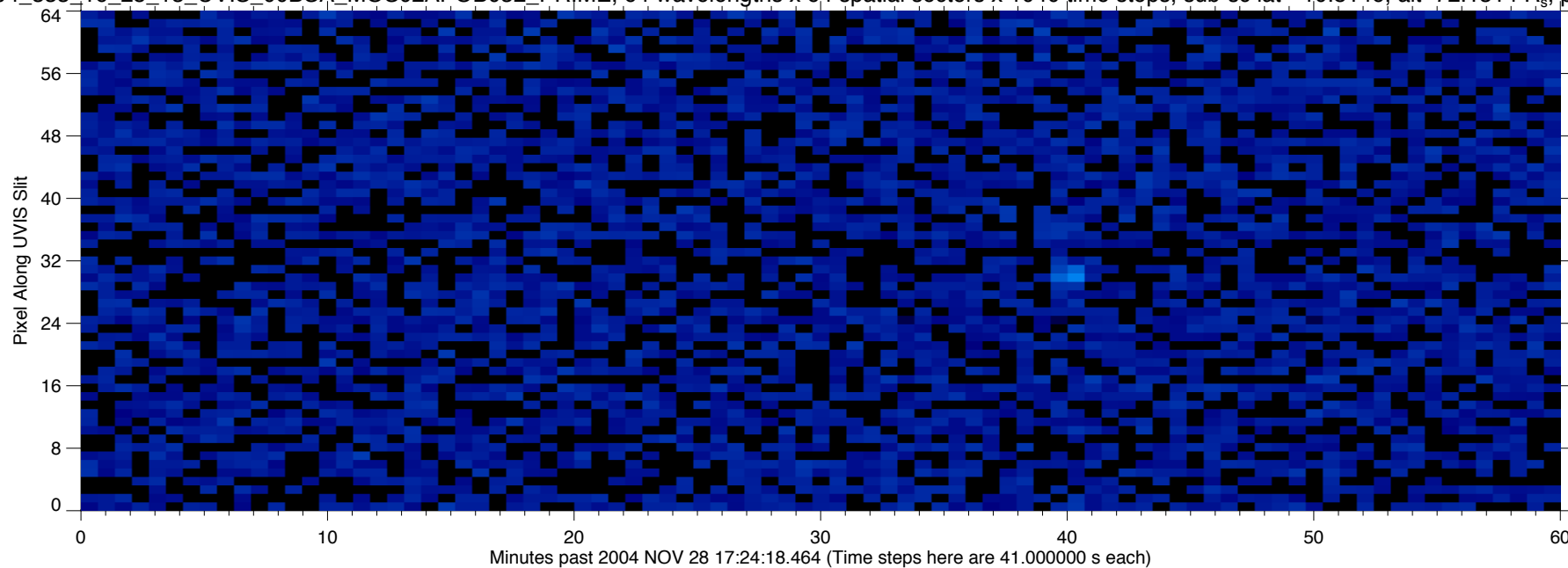
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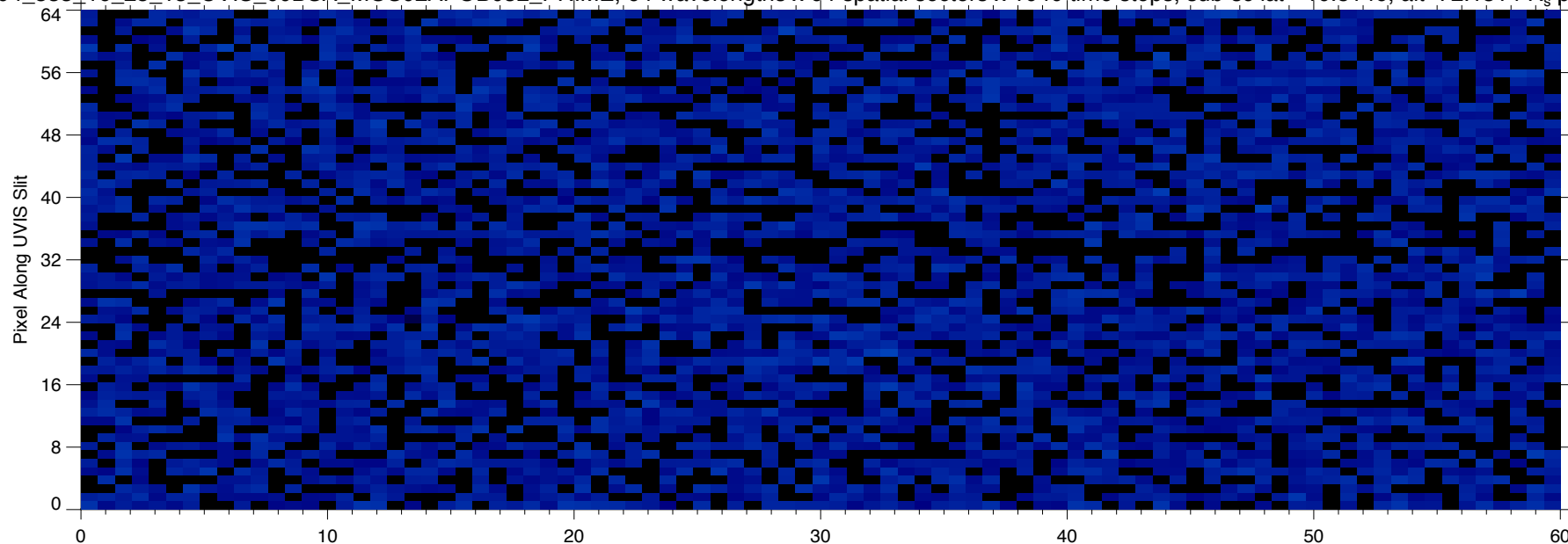
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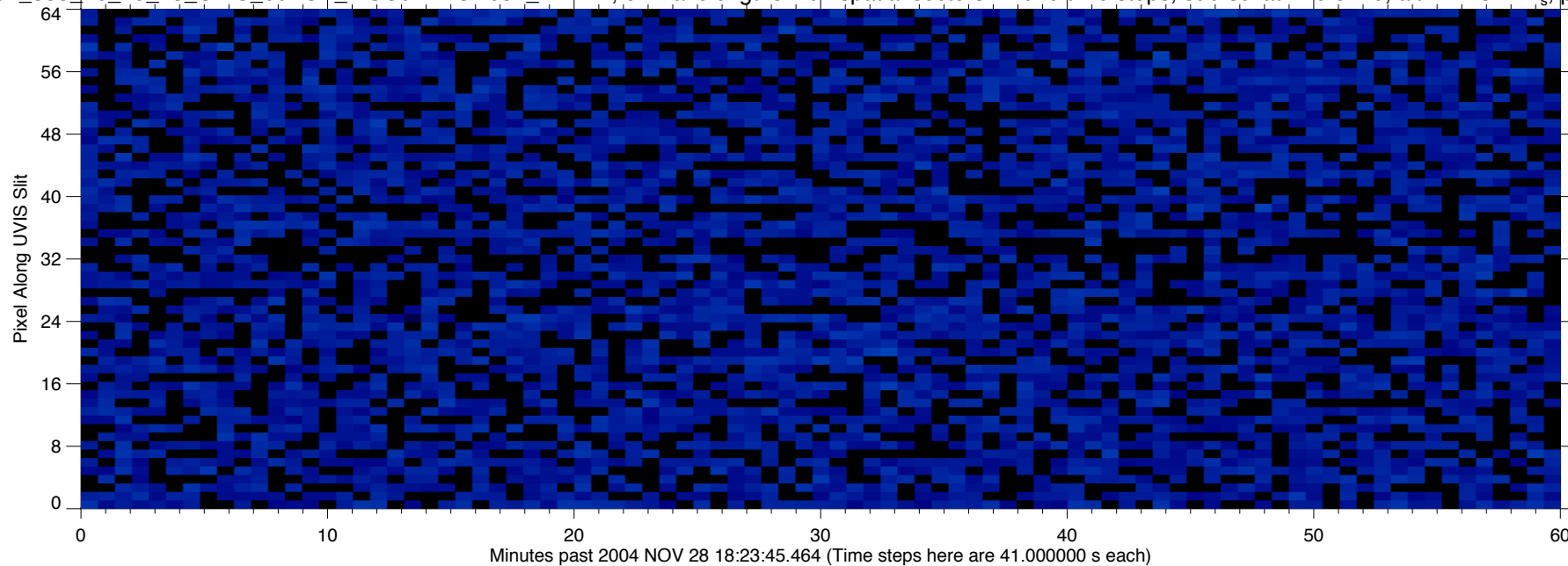
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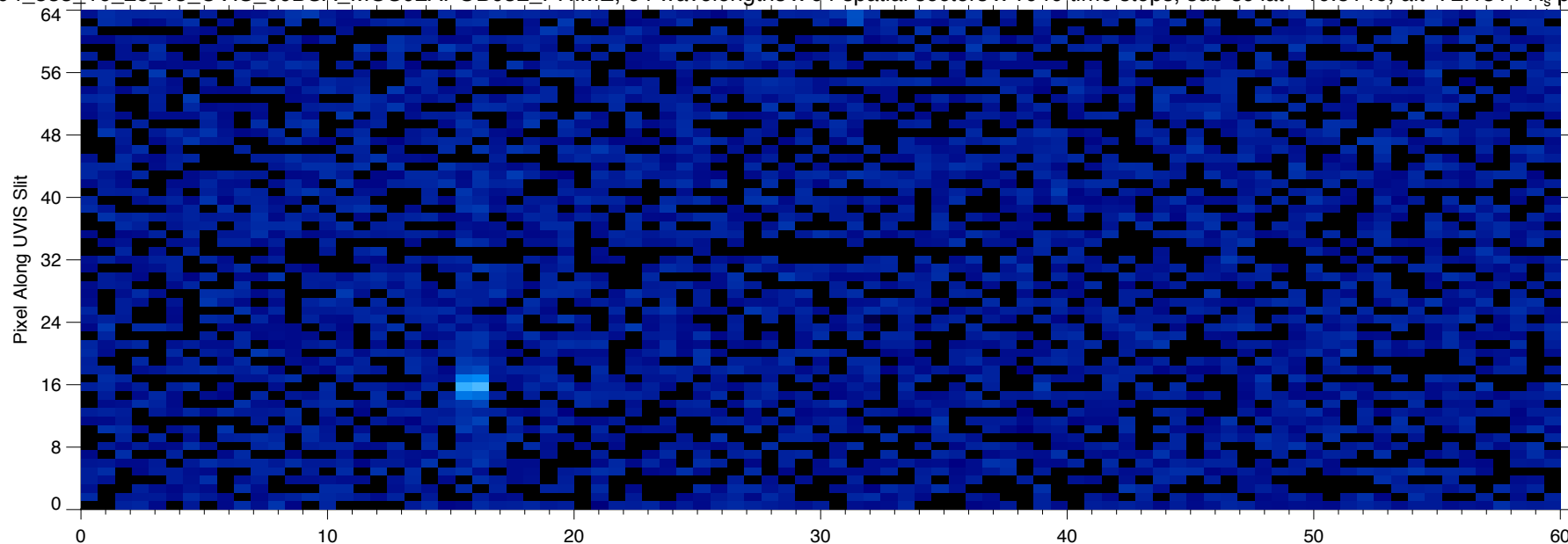
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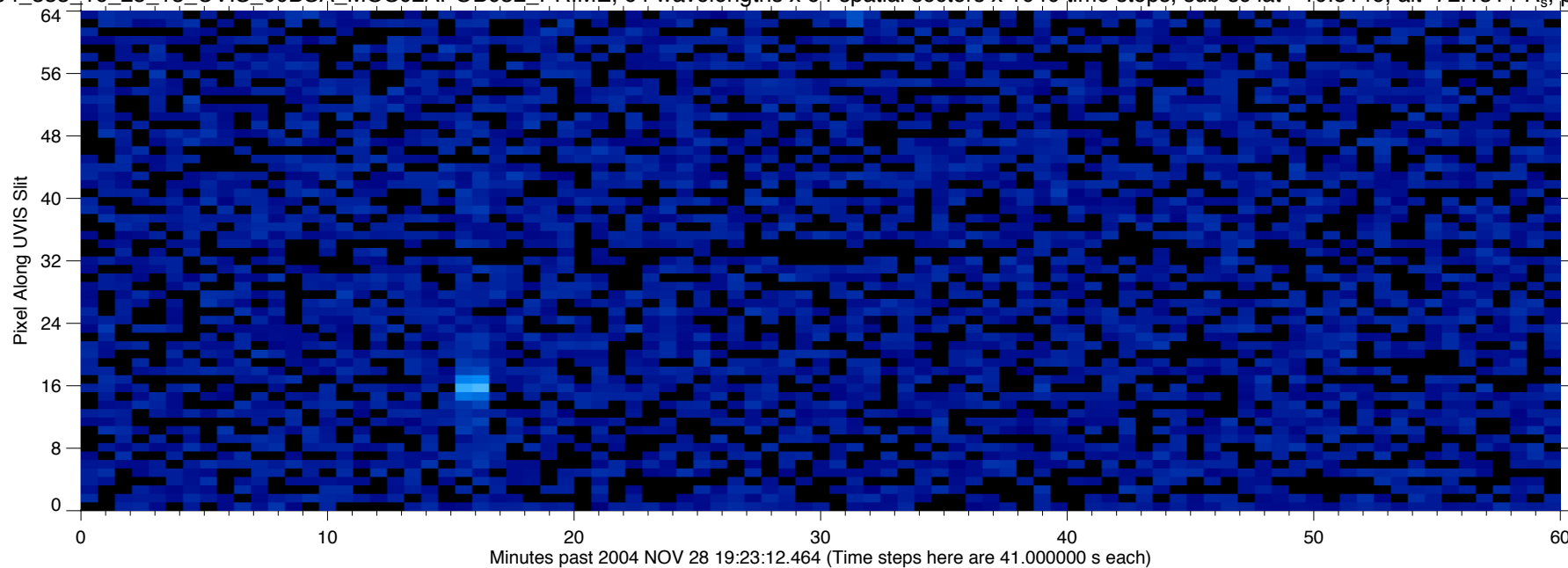
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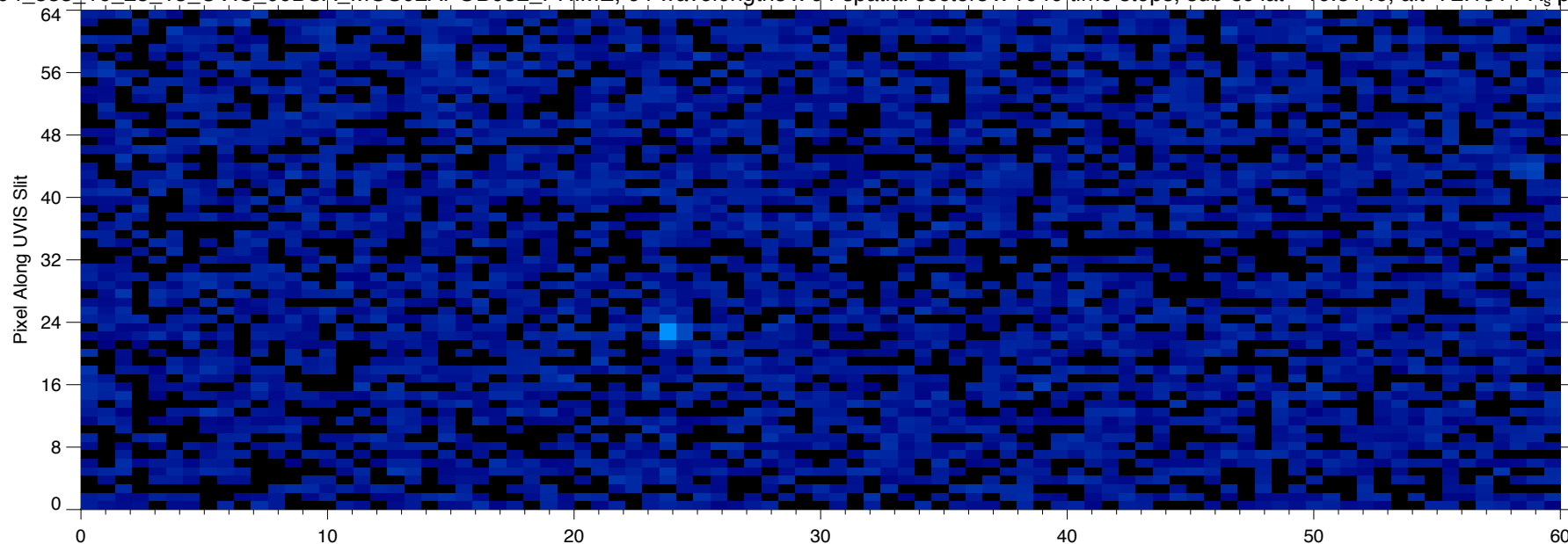
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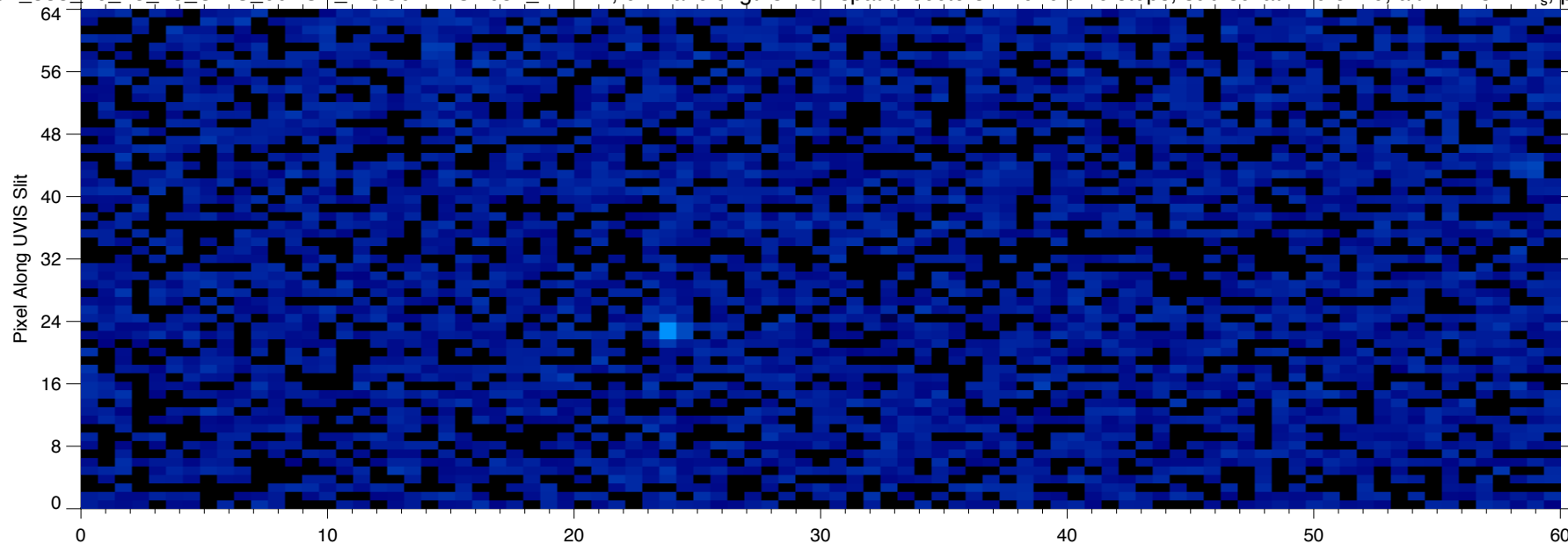
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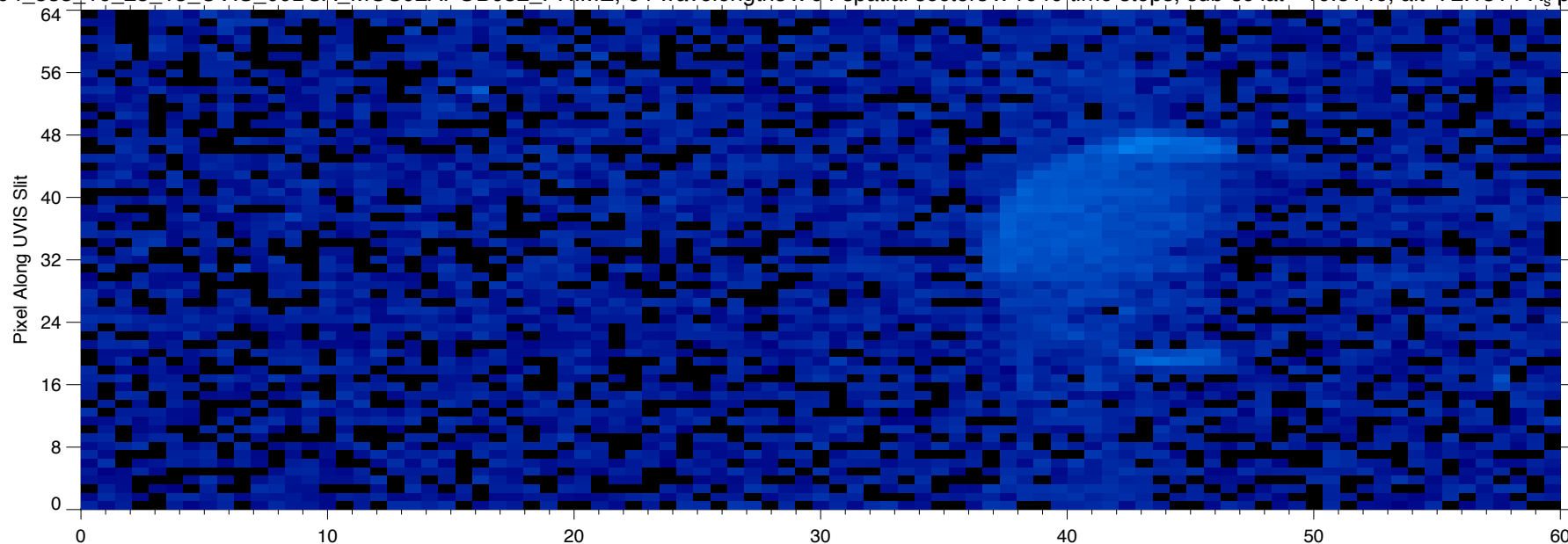
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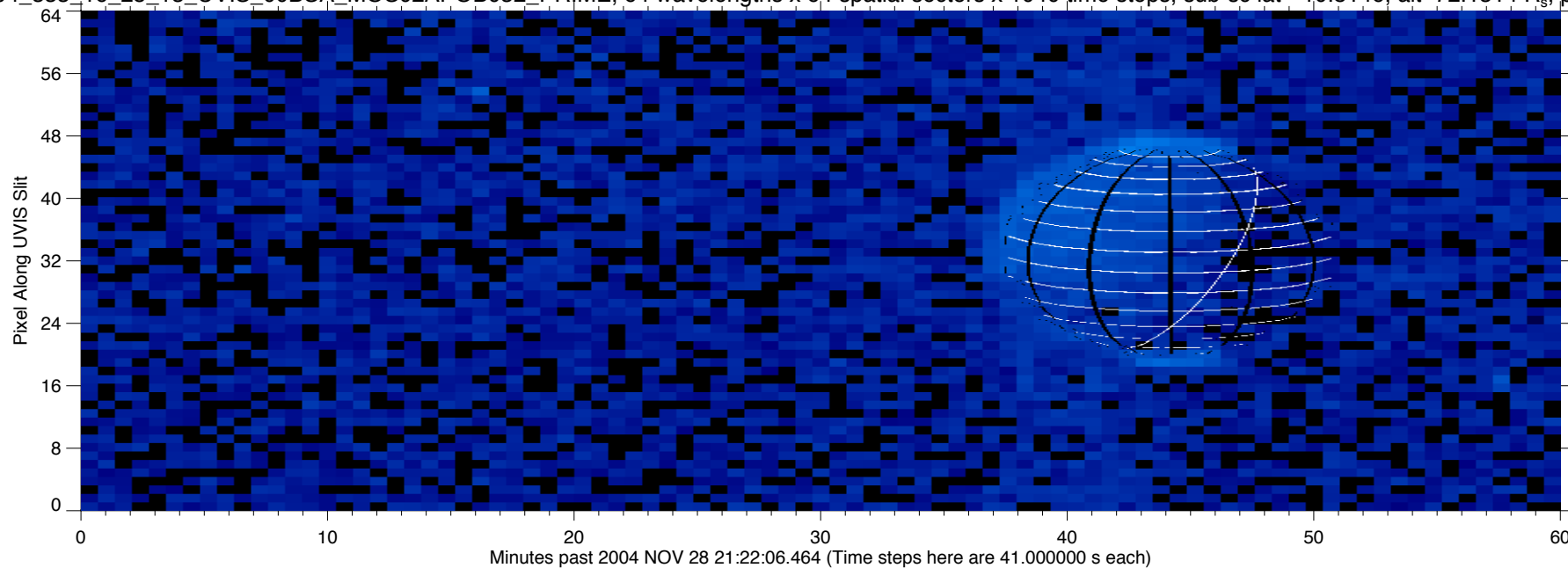
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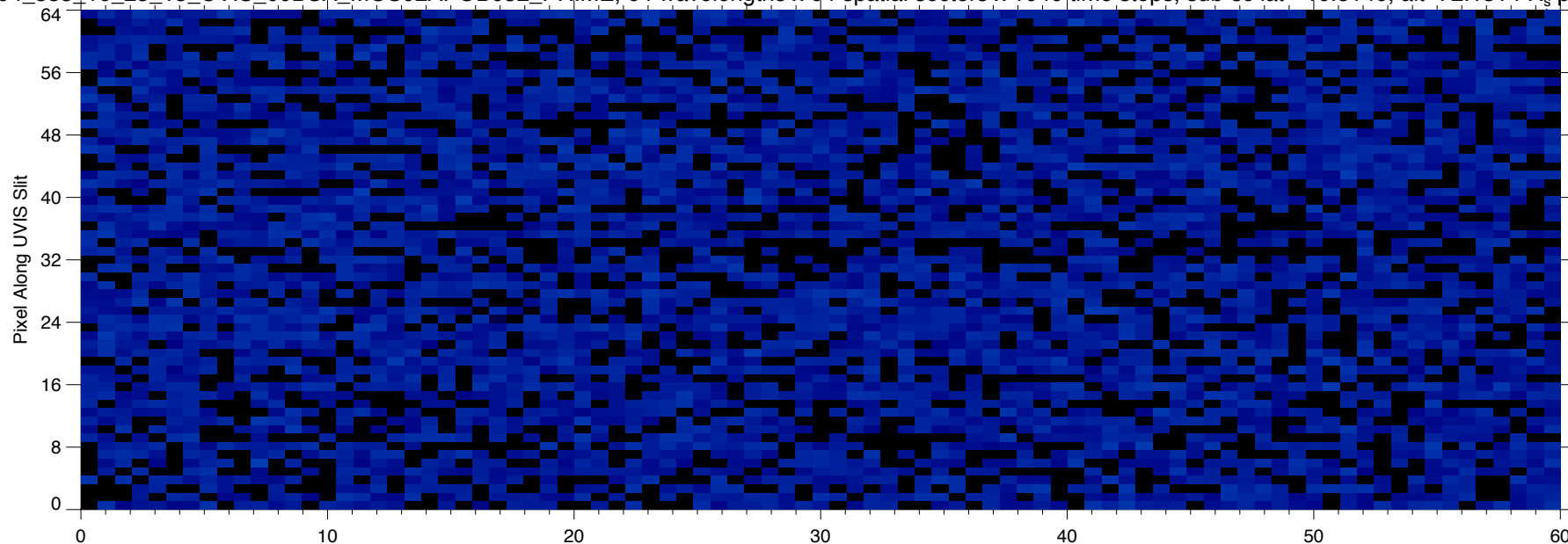
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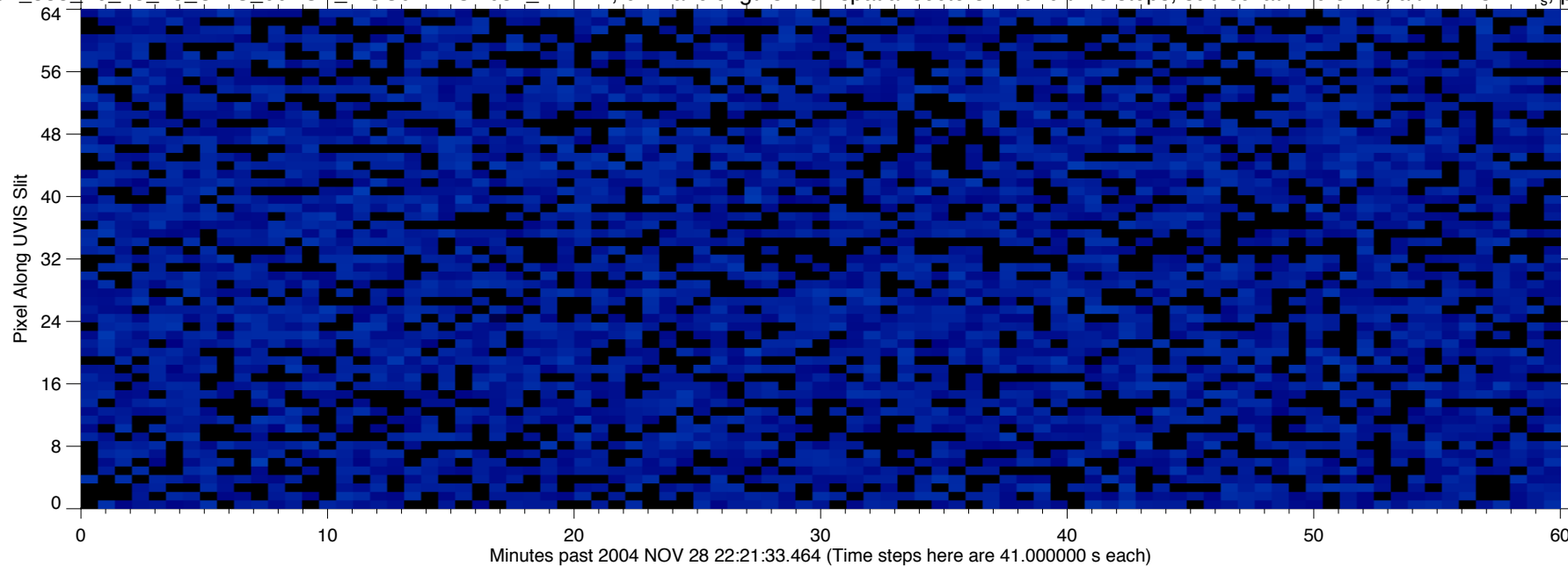
FUV2004_333_16_25_13_UVIS_00BSA_MOS02APOB032_PRIME, 64 wavelengths x 64 spatial sectors x 1040 time steps, sub-sc lat=-10.8146, alt=72.1314 R_s, phase=69.9013



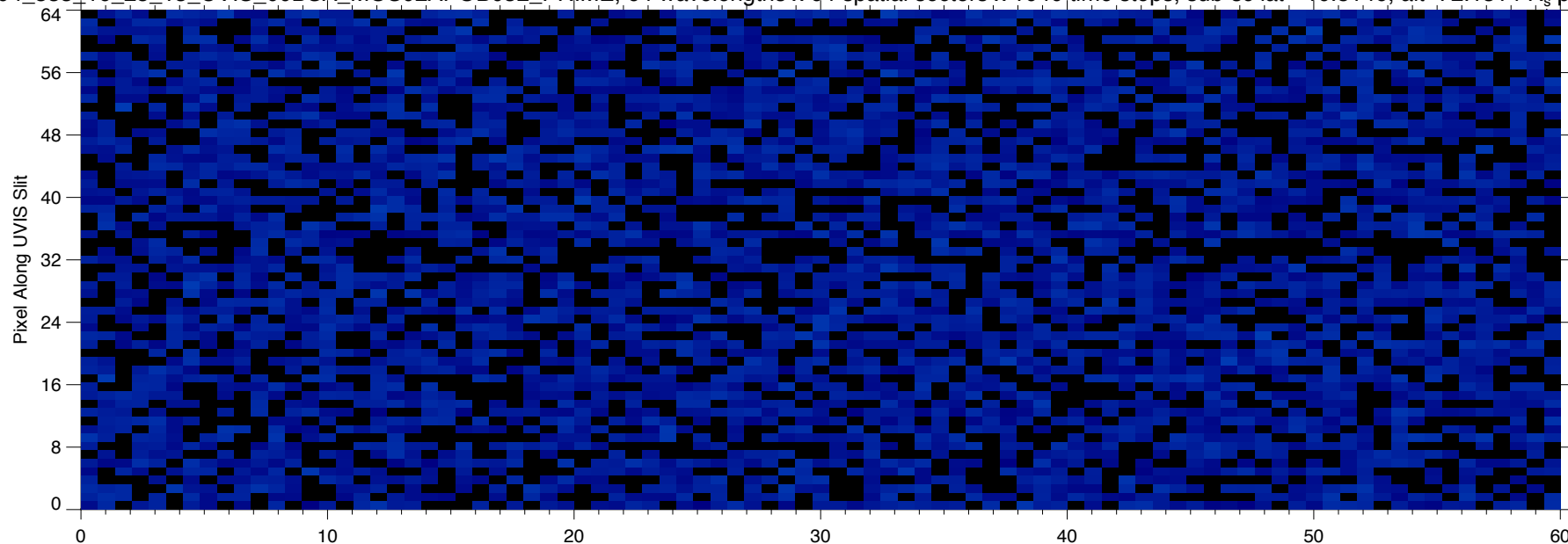
FUV2004_333_16_25_13_UVIS_00BSA_MOS02APOB032_PRIME, 64 wavelengths x 64 spatial sectors x 1040 time steps, sub-sc lat=-10.8146, alt=72.1314 R_s, phase=69.9013



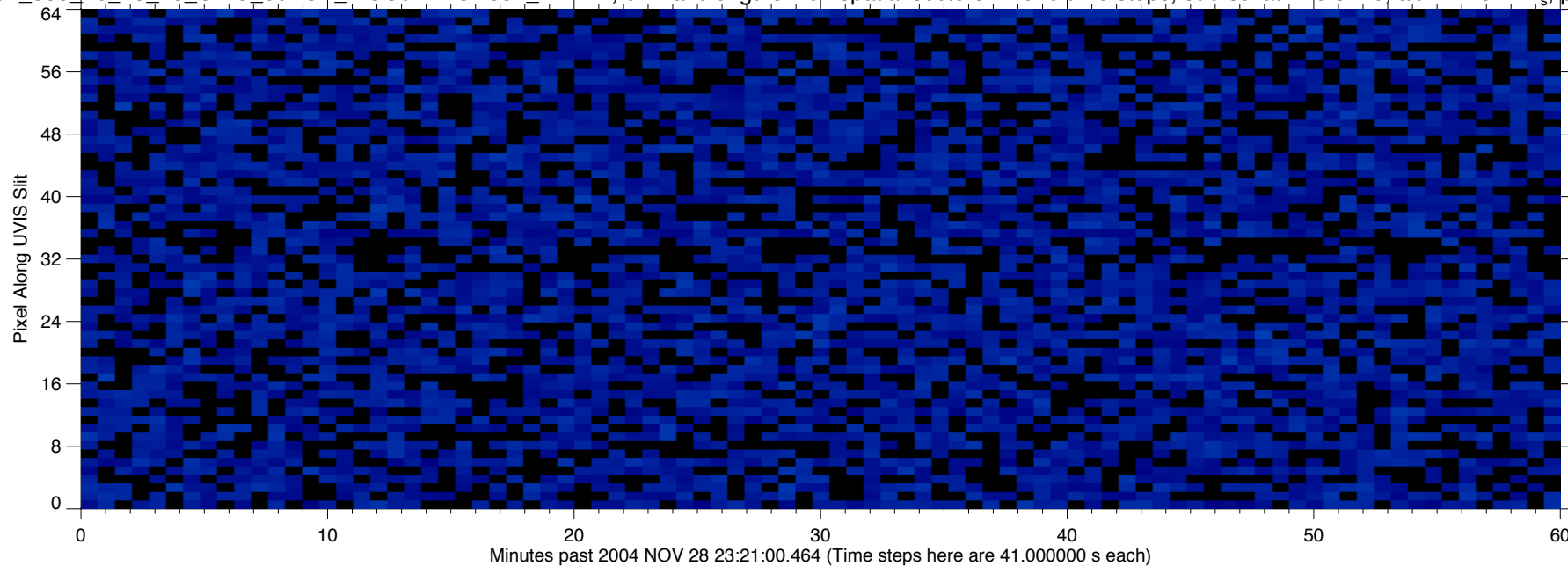
FUV2004_333_16_25_13_UVIS_00BSA_MOS02APOB032_PRIME, 64 wavelengths x 64 spatial sectors x 1040 time steps, sub-sc lat=-10.8146, alt=72.1314 R_s, phase=69.9013



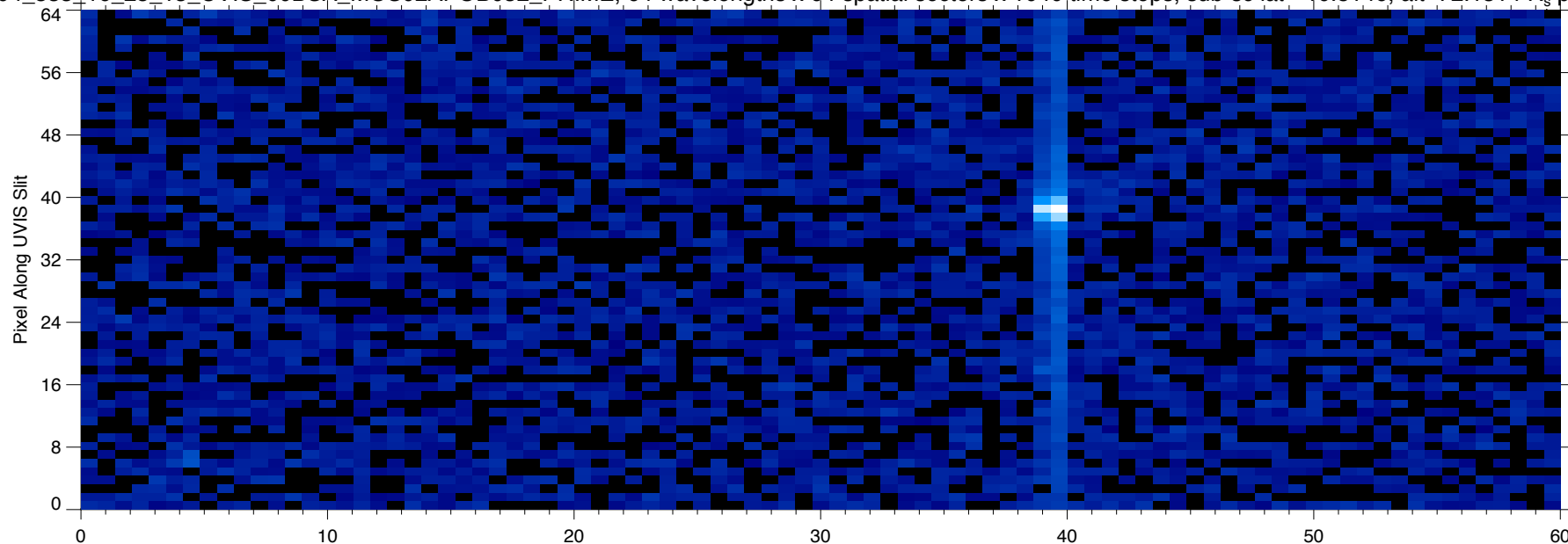
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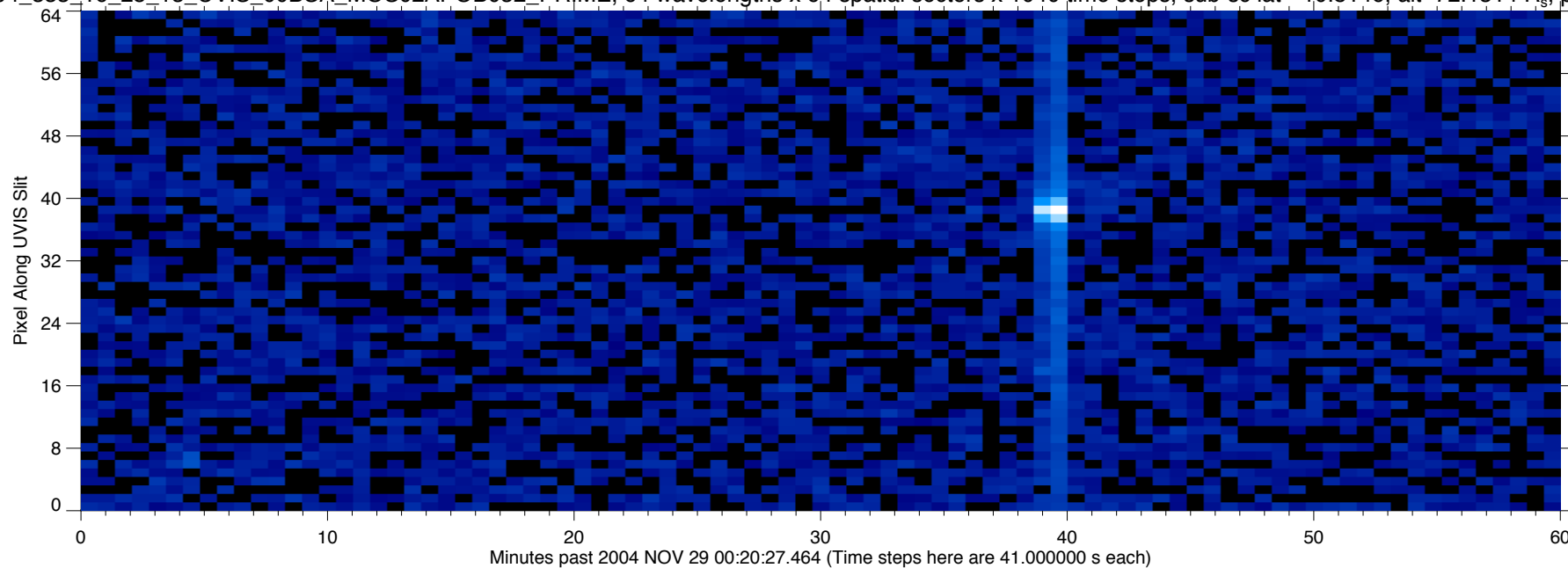
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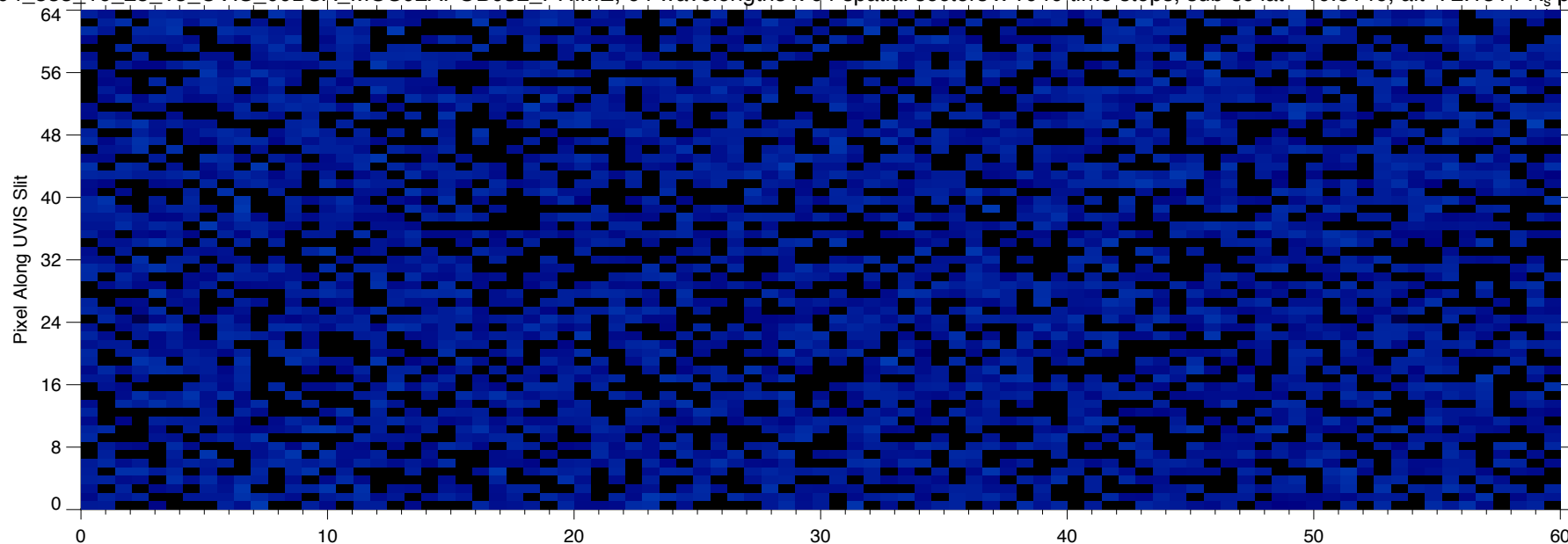
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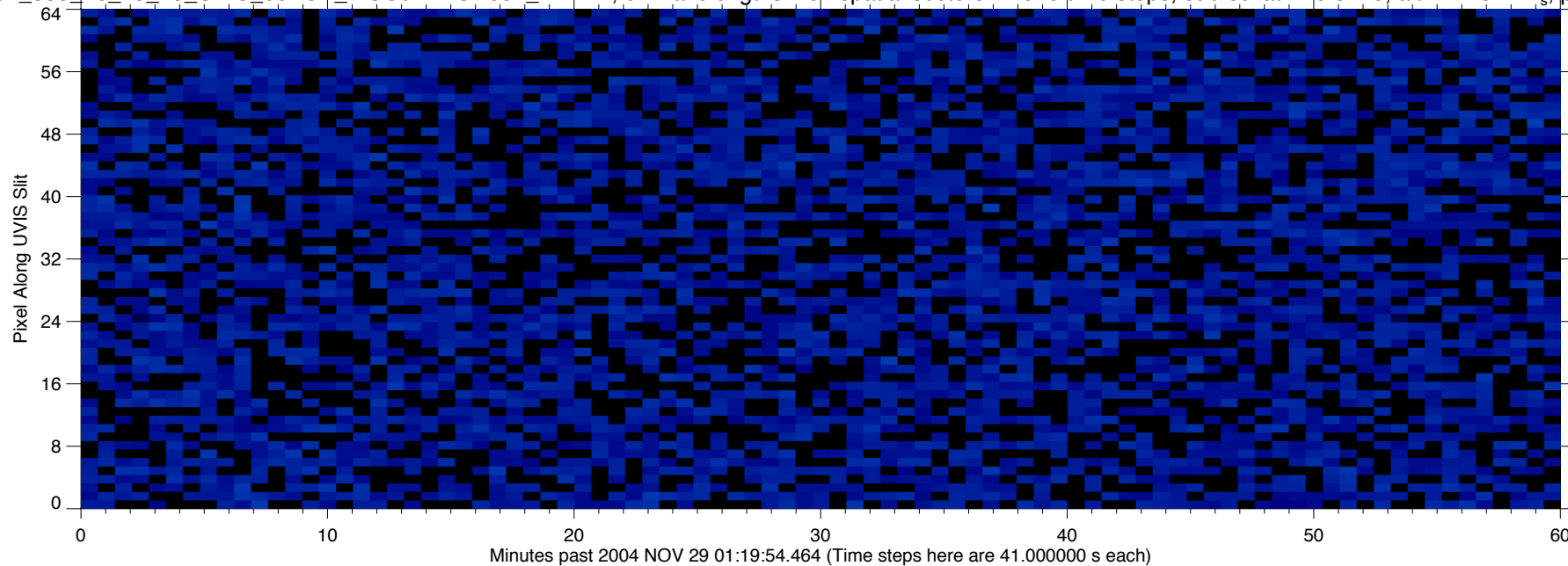
FUV2004_333_16_25_13_UVIS_00BSA_MOS02APOB032_PRIME, 64 wavelengths x 64 spatial sectors x 1040 time steps, sub-sc lat=-10.8146, alt=72.1314 R_s, phase=69.9013



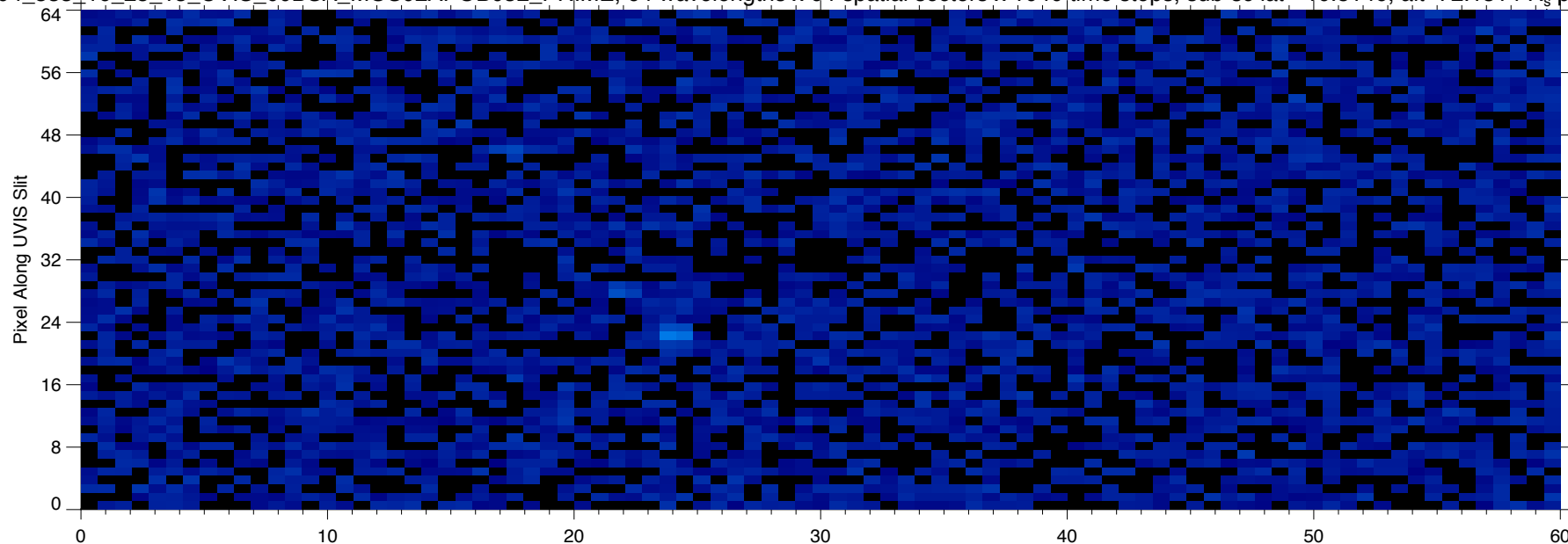
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FUV2004_333_16_25_13_UVIS_00BSA_MOS02APOB032_PRIME, 64 wavelengths x 64 spatial sectors x 1040 time steps, sub-sc lat=-10.8146, alt=72.1314 R_s, phase=69.9013

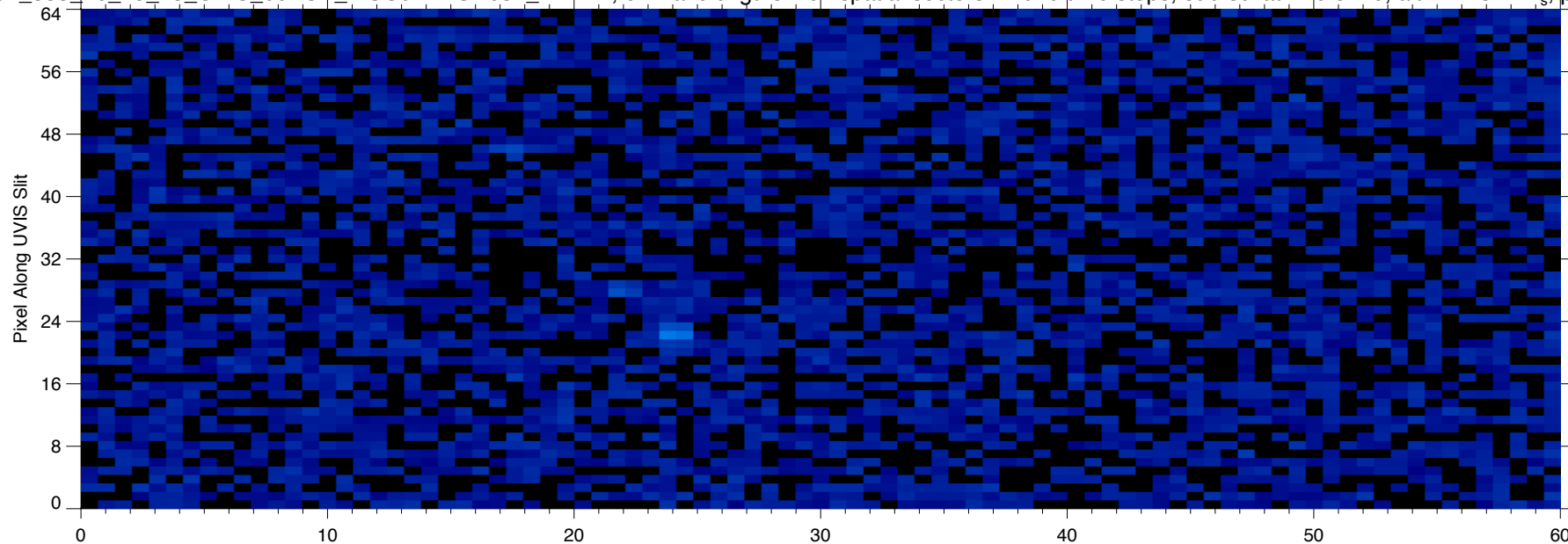


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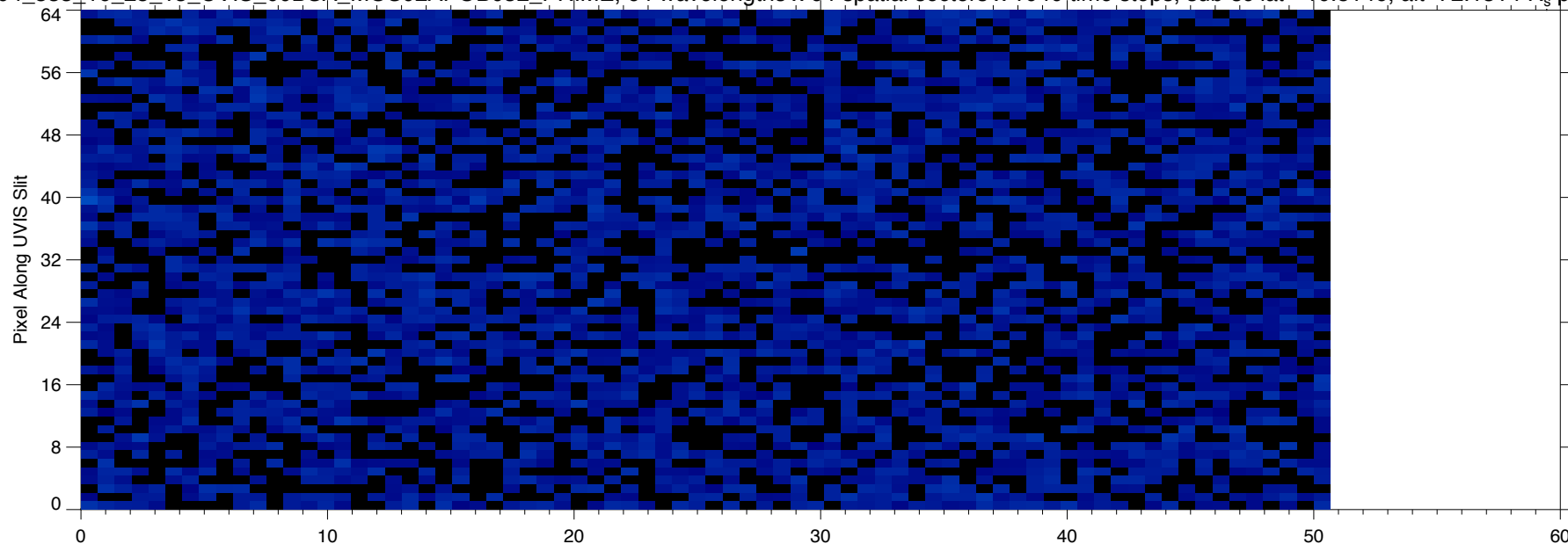
Minutes past 2004 NOV 29 02:19:21.464 (Time steps here are 41.000000 s each)

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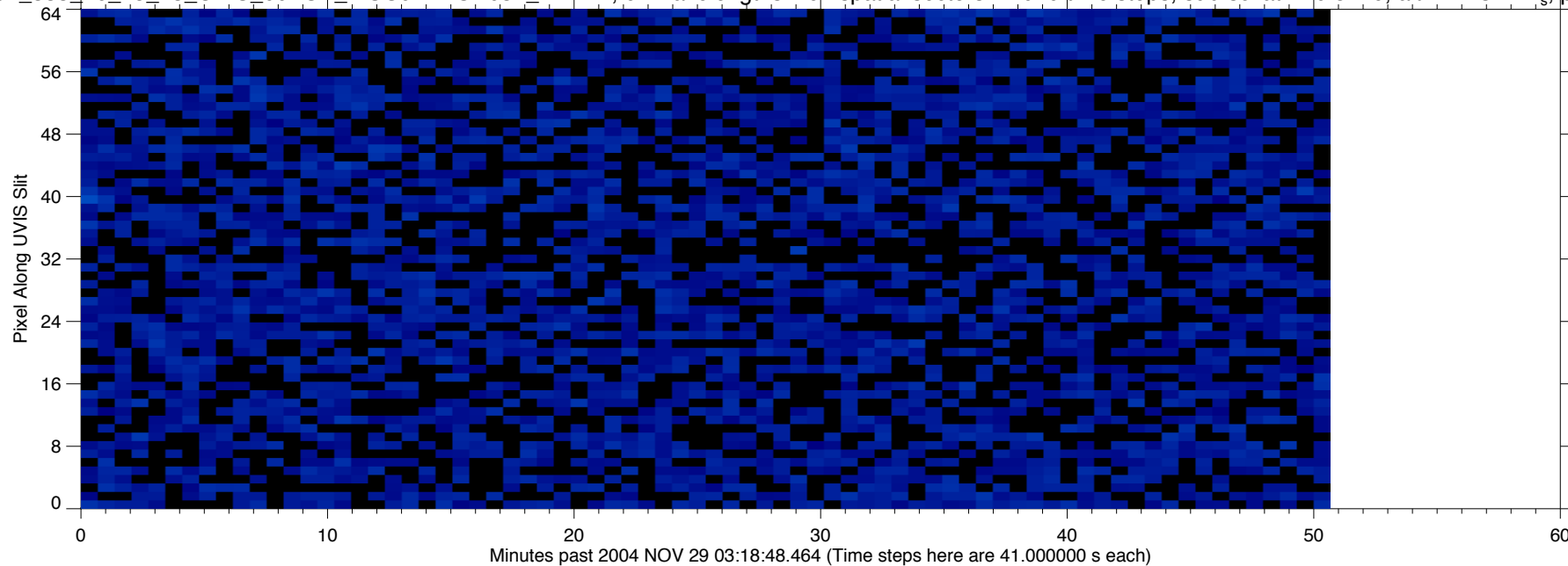


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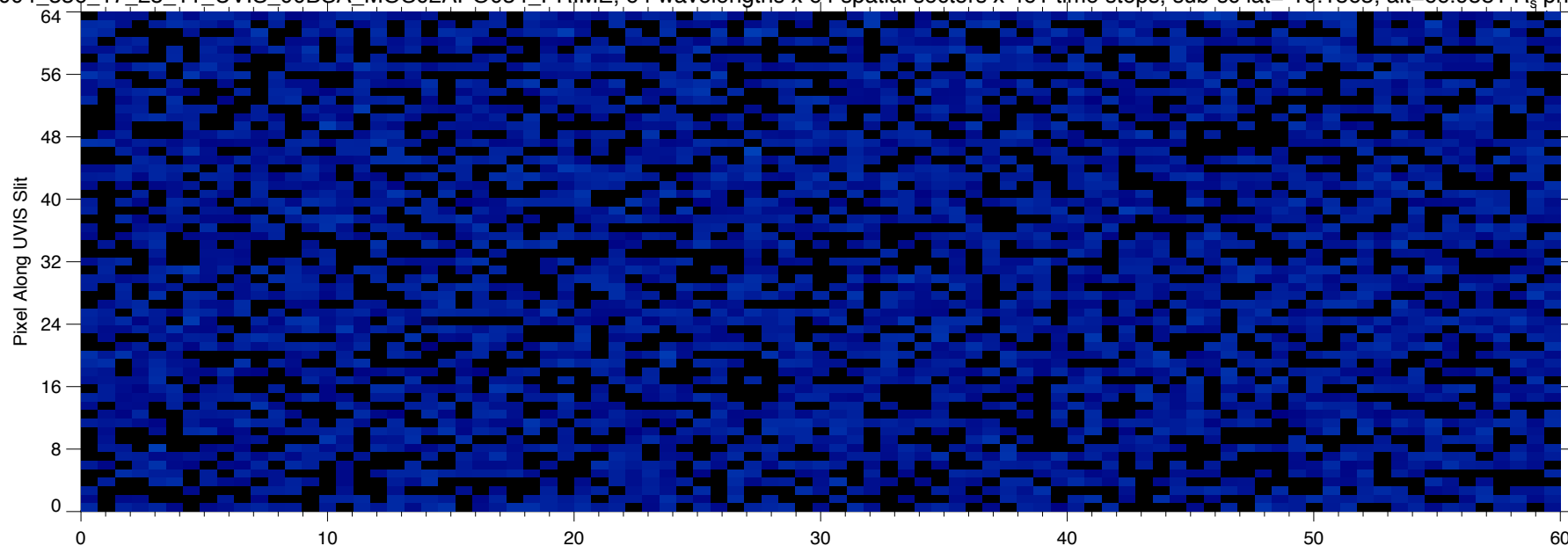
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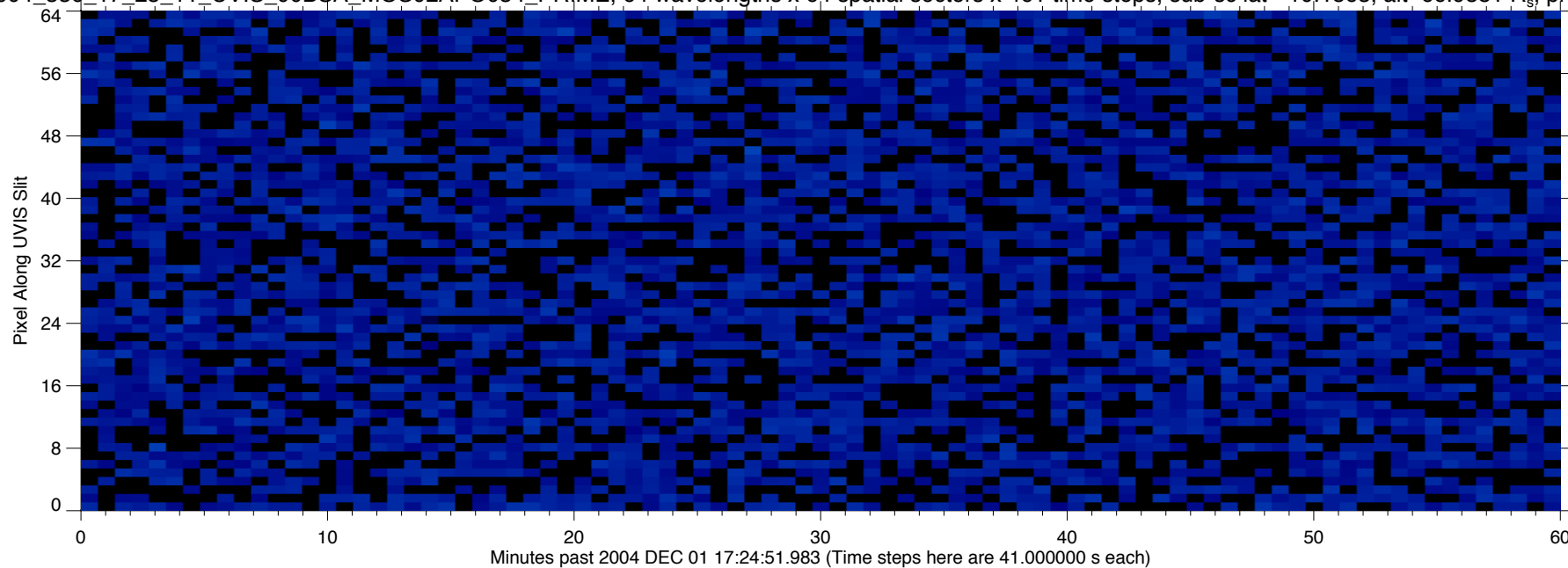
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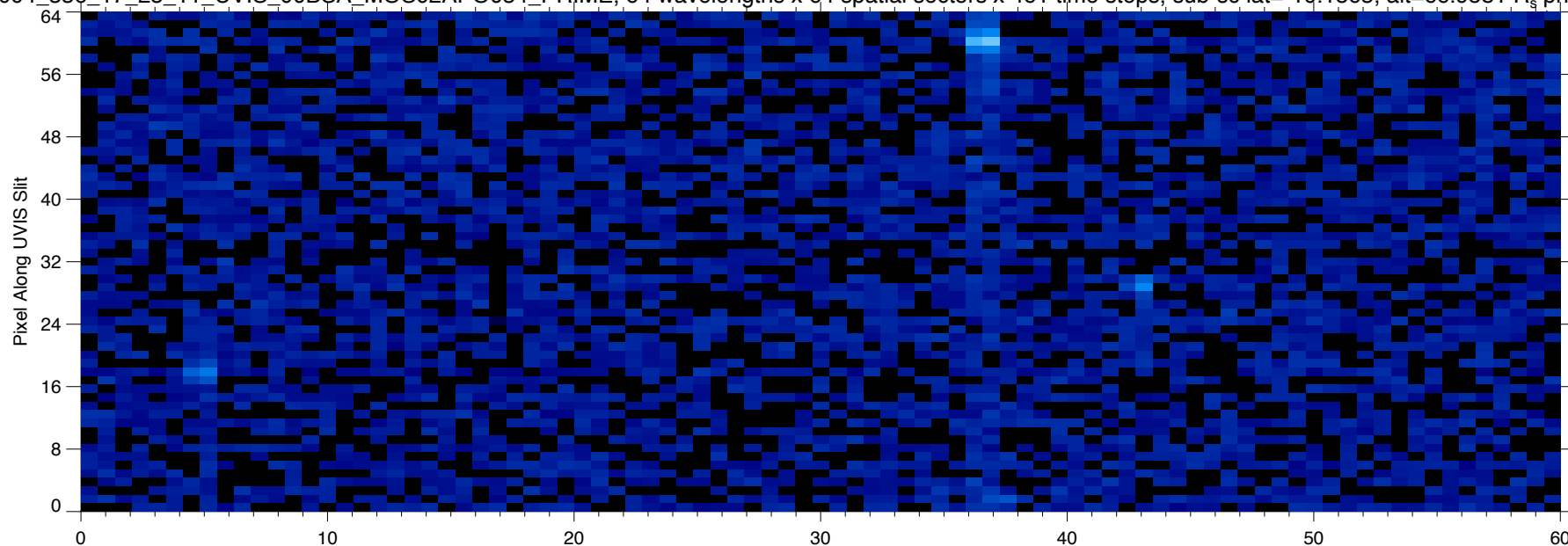
FUV2004_336_17_25_11_UVIS_00BSA_MOS02APO034_PRIME, 64 wavelengths x 64 spatial sectors x 461 time steps, sub-sc lat=-10.1563, alt=66.9581 R_s phase=66.3411



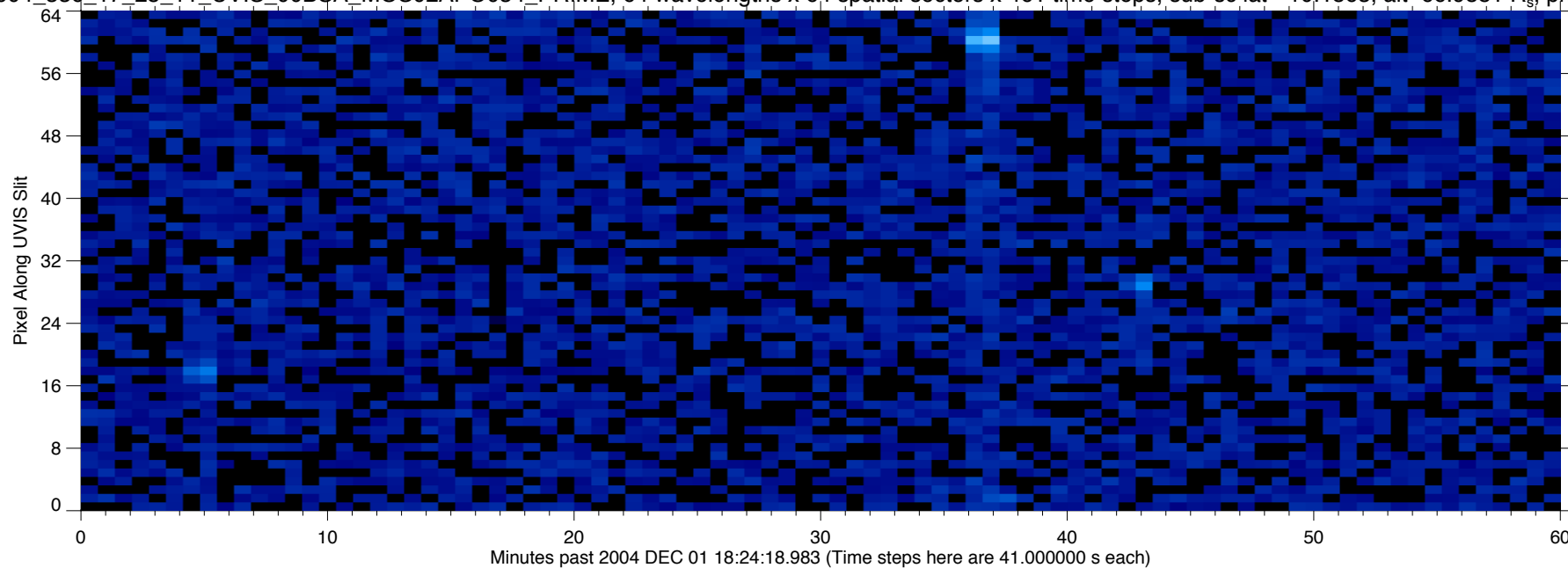
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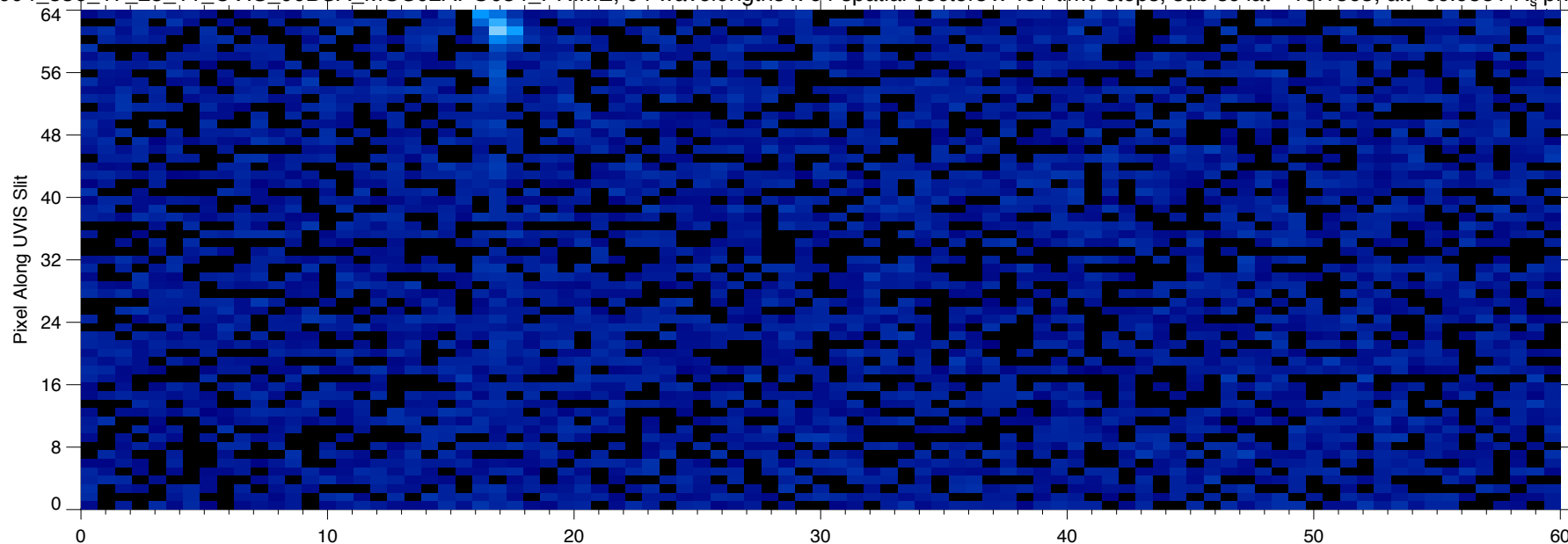
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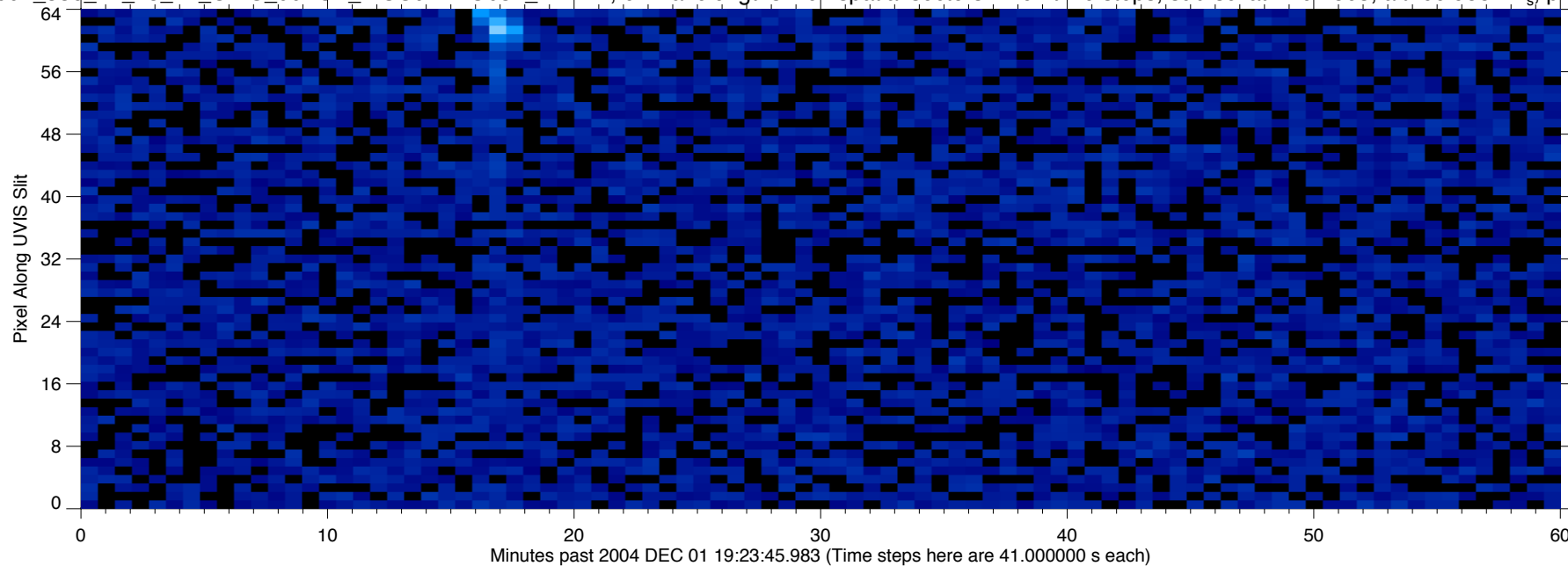
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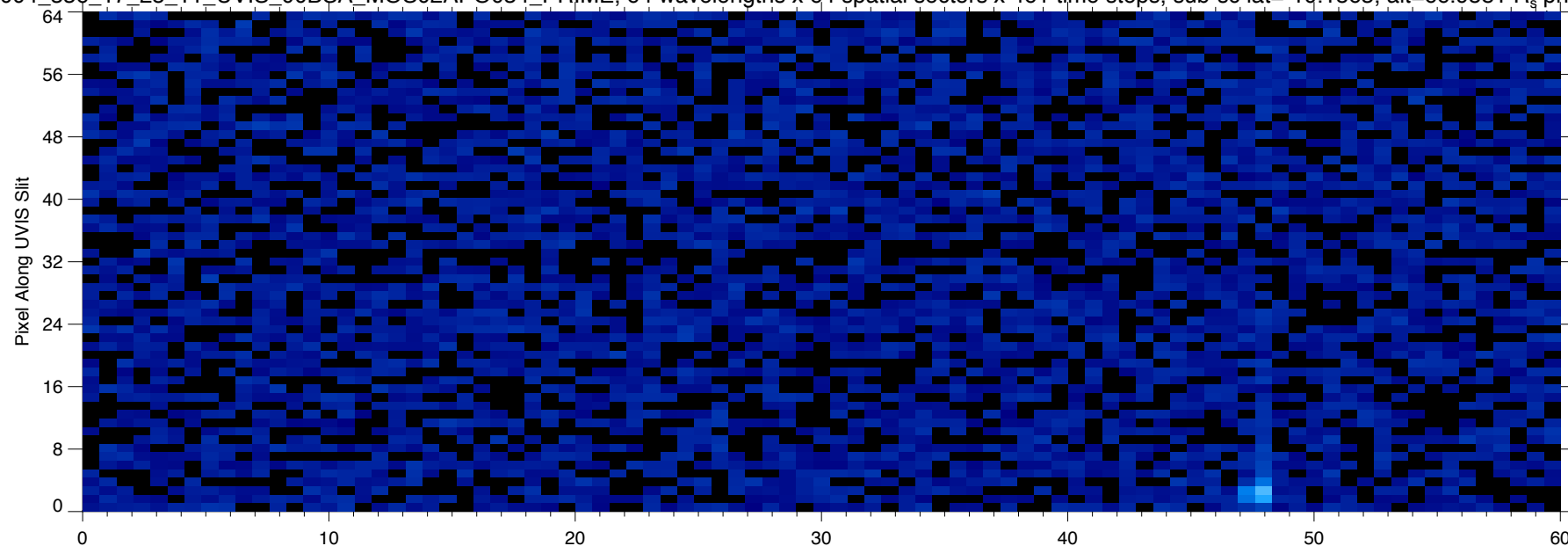
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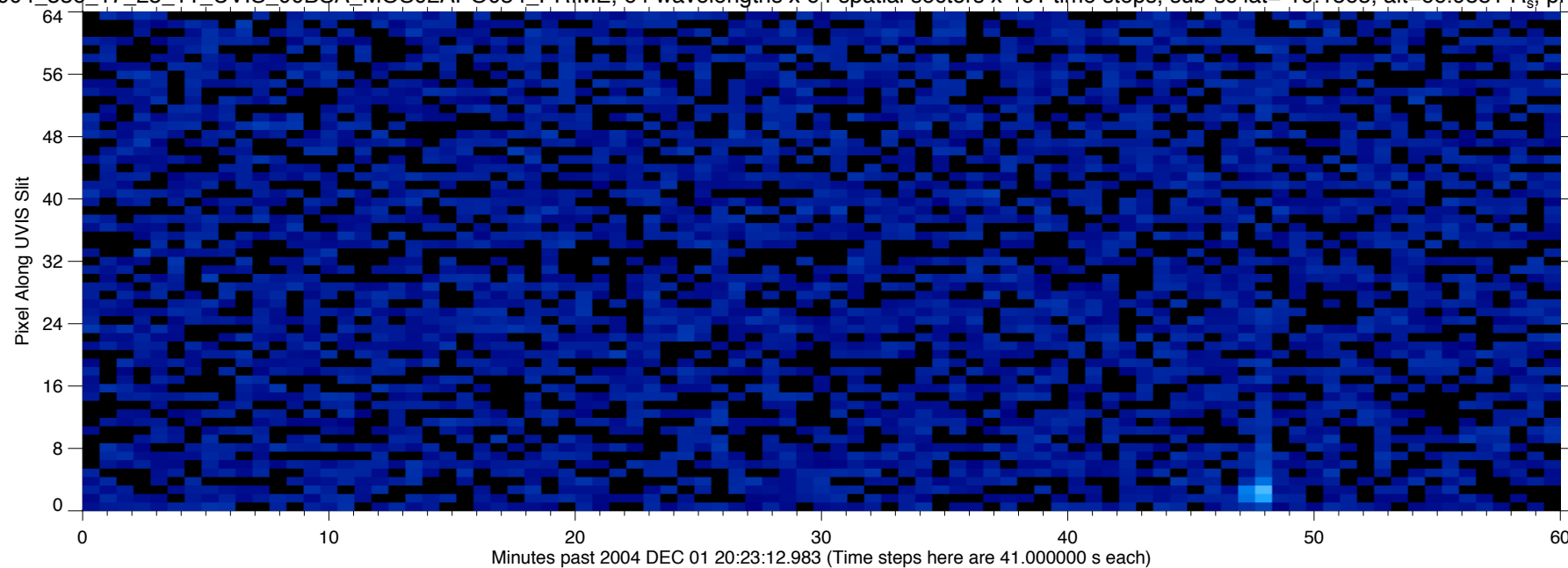
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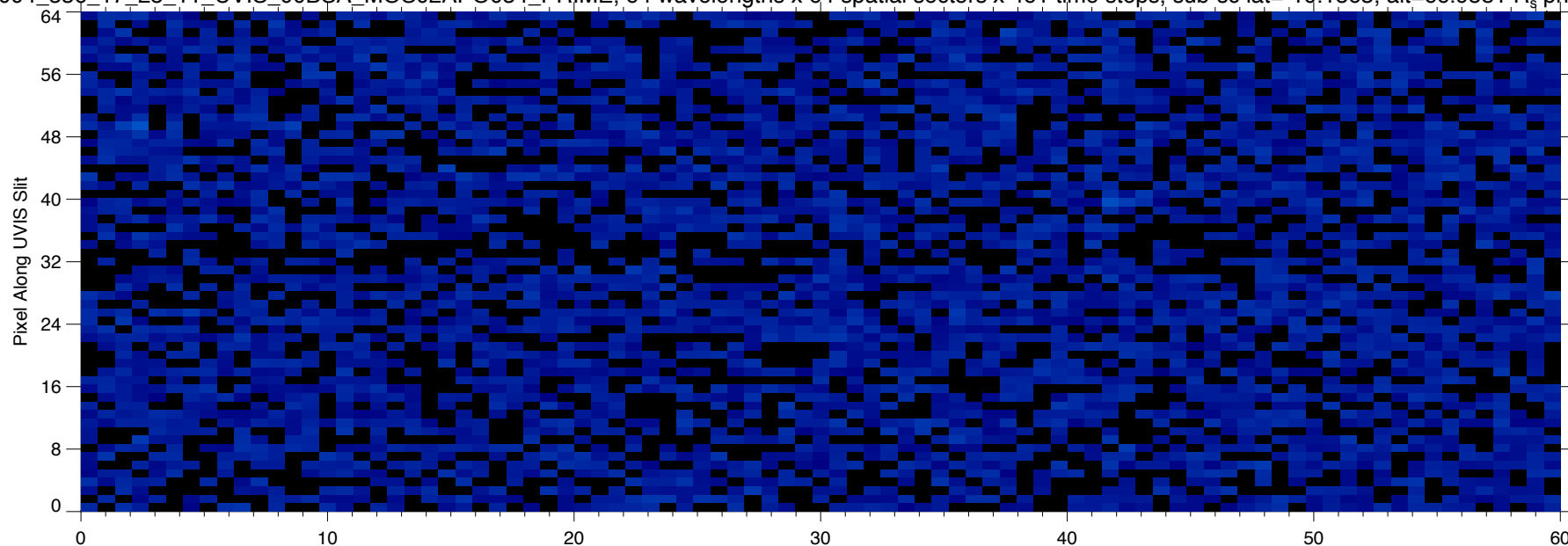
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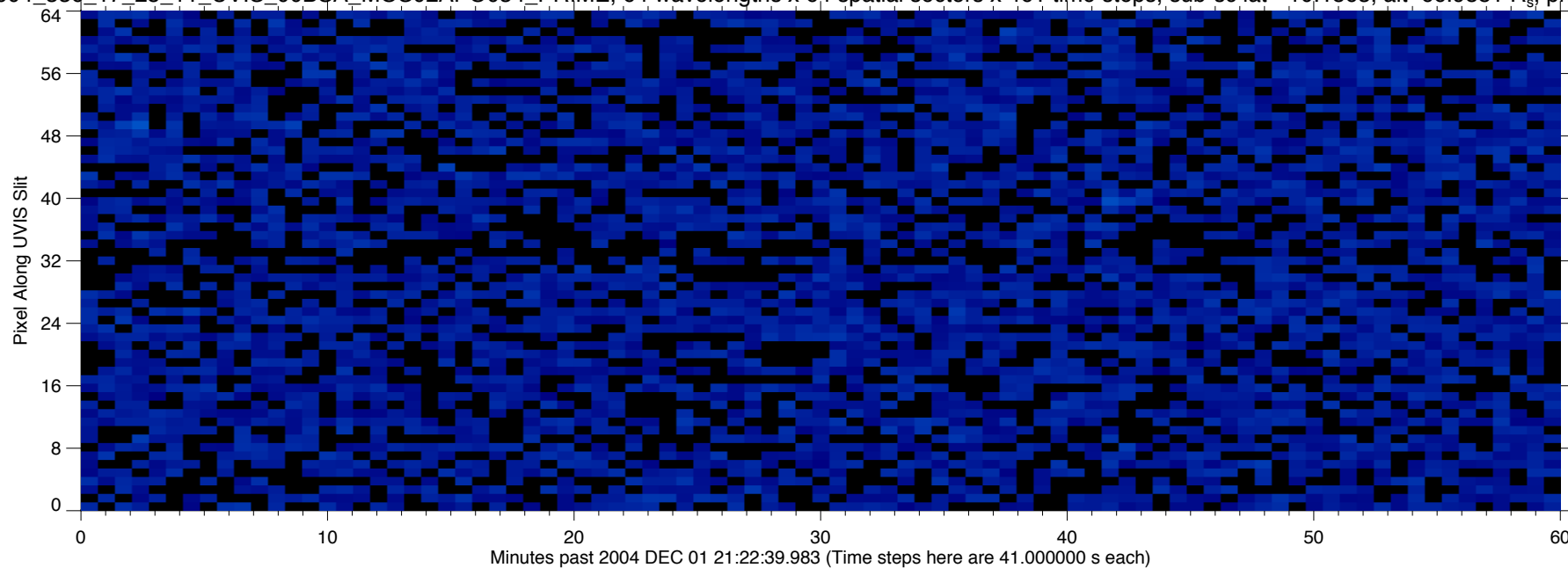
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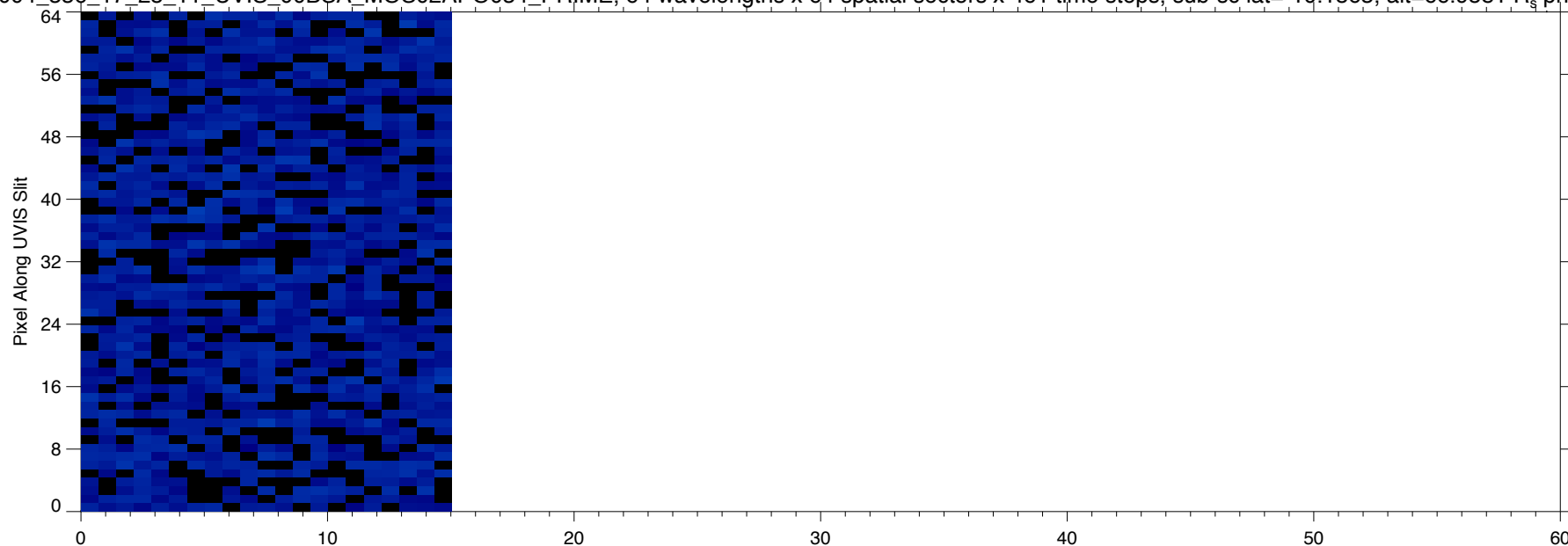
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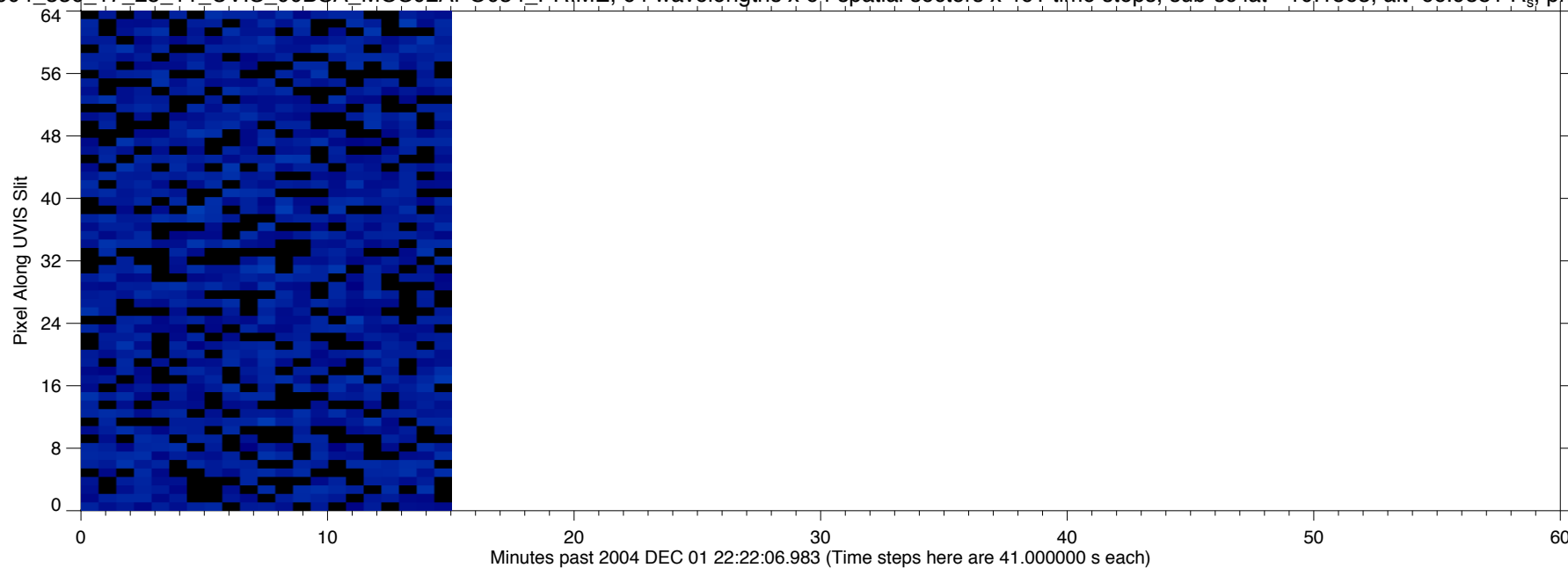
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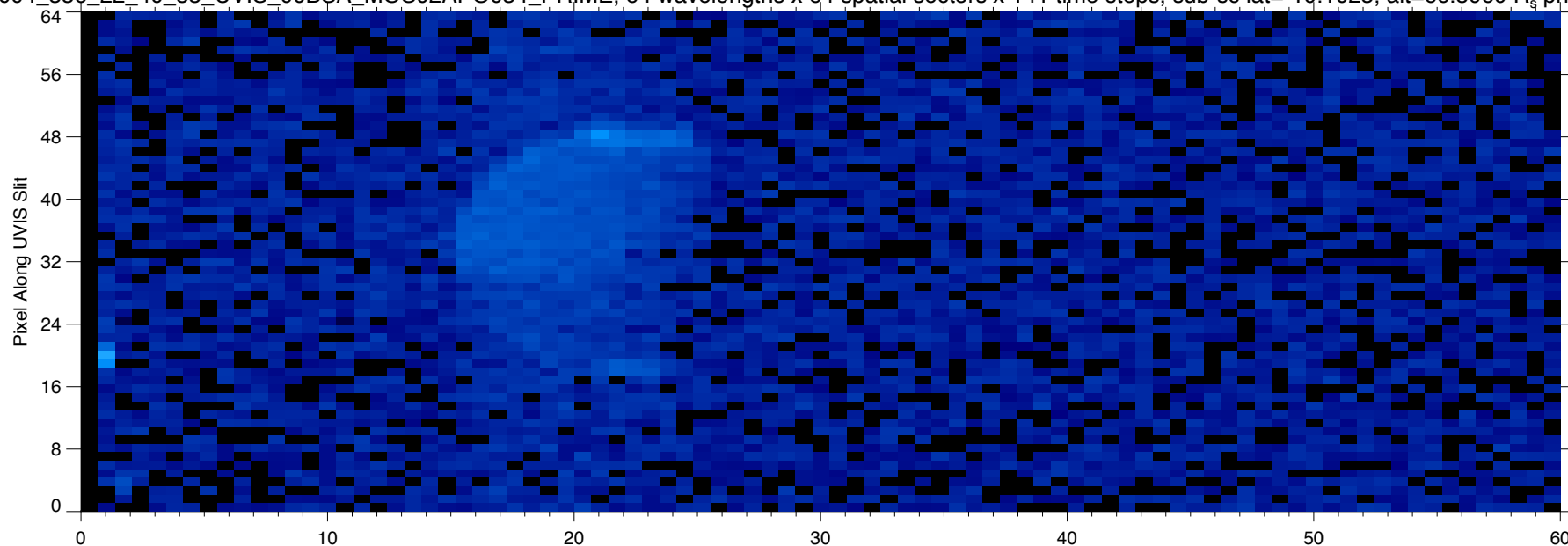
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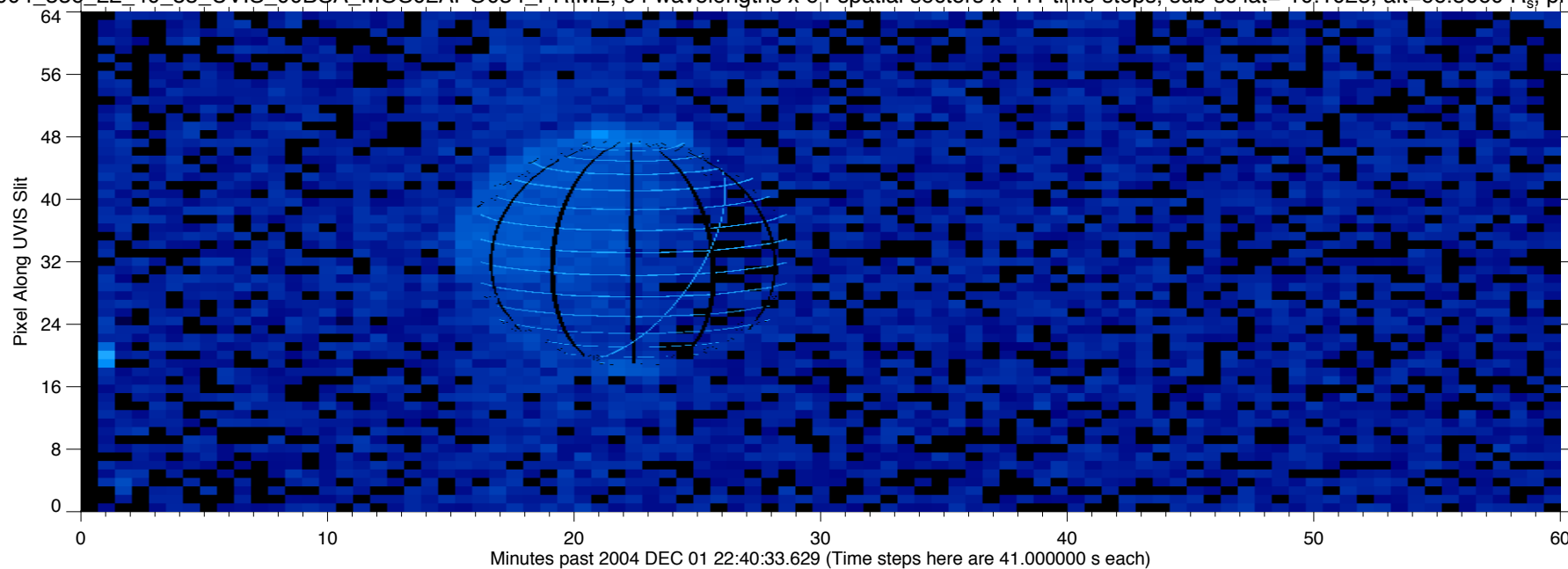
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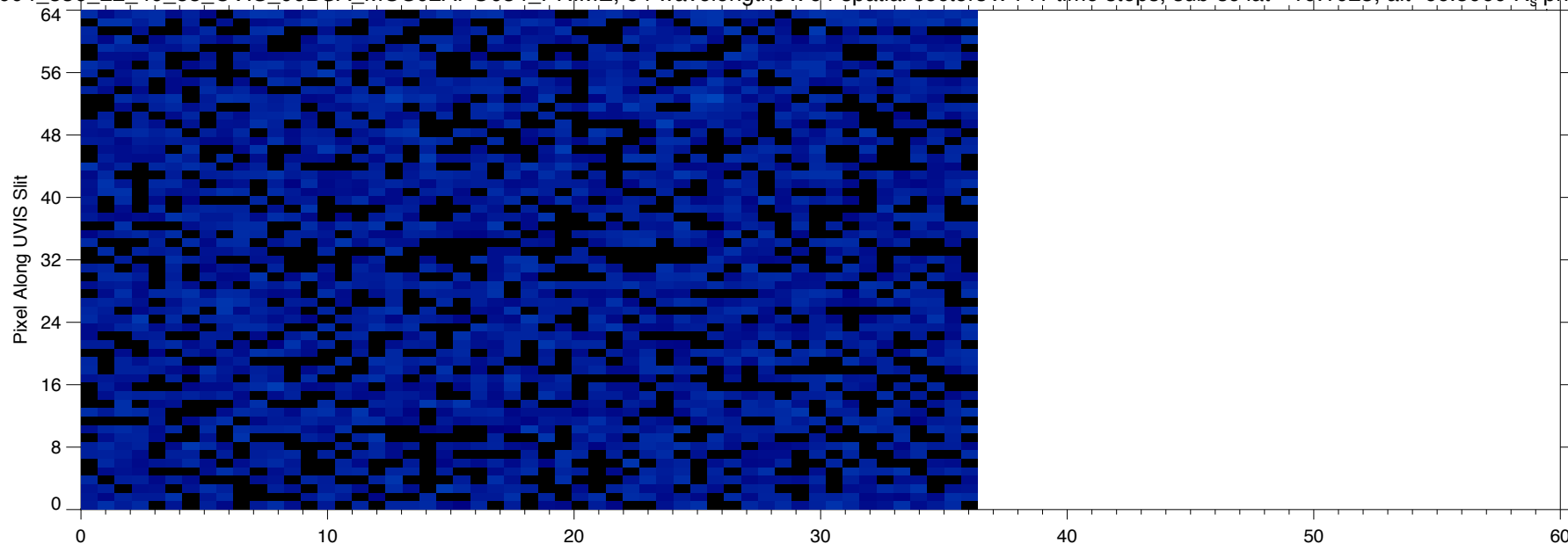
FUV2004_336_22_40_55_UVIS_00BSA_MOS02APO034_PRIME, 64 wavelengths x 64 spatial sectors x 141 time steps, sub-sc lat=-10.1023, alt=66.5060 R_s phase=66.0626



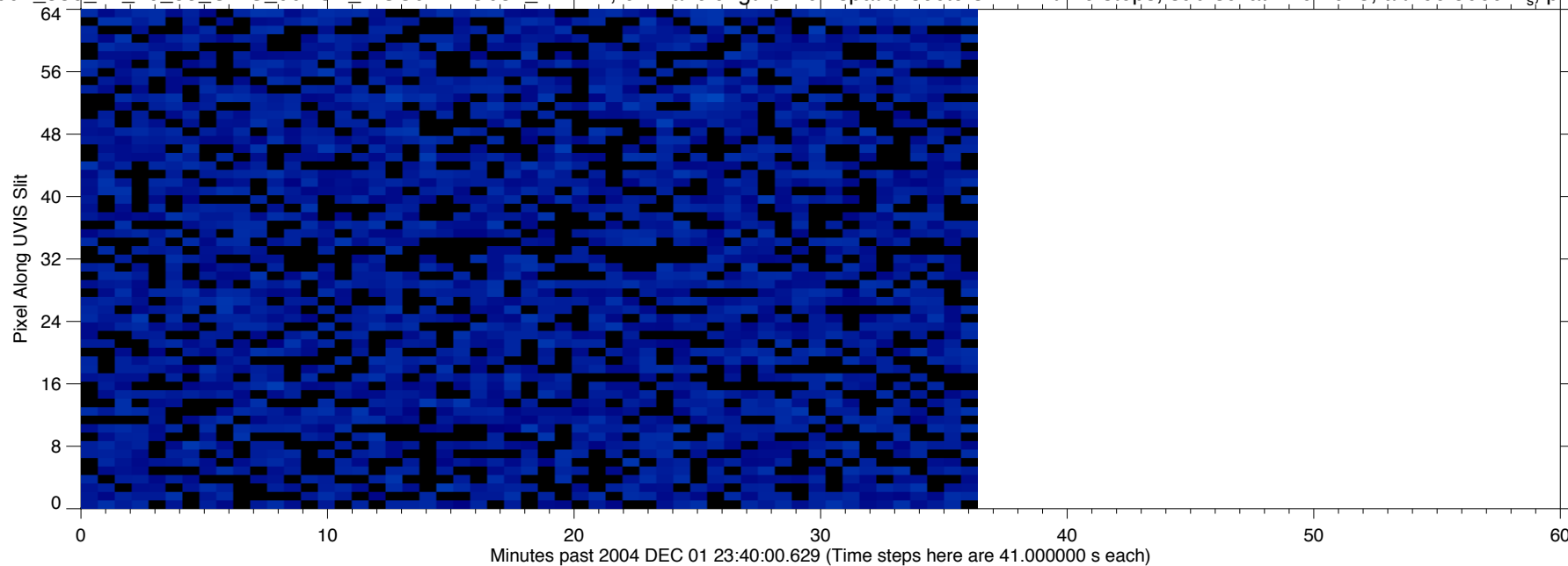
FUV2004_336_22_40_55_UVIS_00BSA_MOS02APO034_PRIME, 64 wavelengths x 64 spatial sectors x 141 time steps, sub-sc lat=-10.1023, alt=66.5060 R_s phase=66.0626



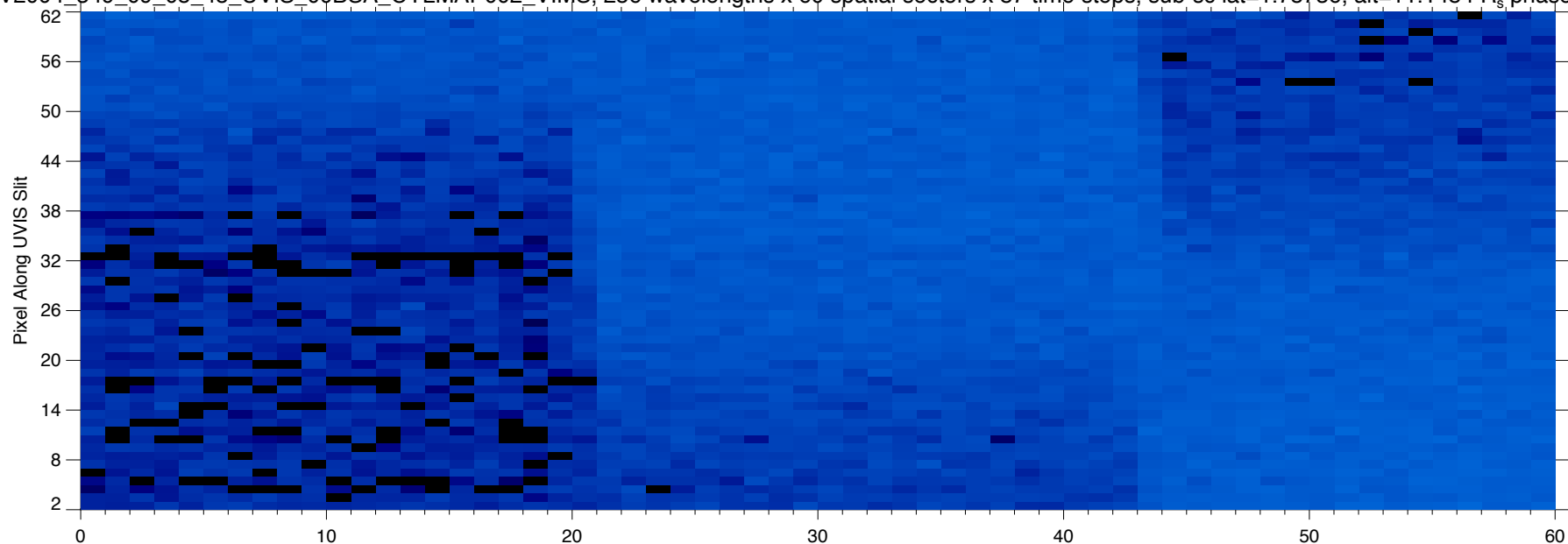
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FUV2004_336_22_40_55_UVIS_00BSA_MOS02APO034_PRIME, 64 wavelengths x 64 spatial sectors x 141 time steps, sub-sc lat=-10.1023, alt=66.5060 R_s phase=66.0626

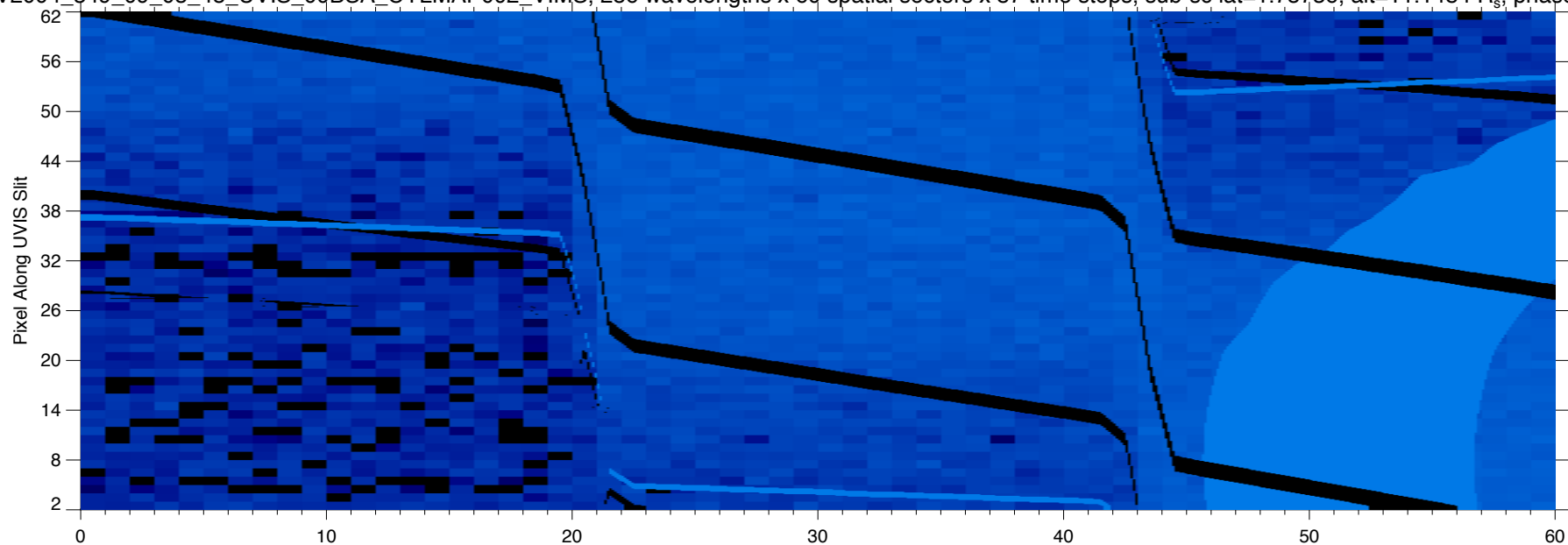


FUV2004_349_09_05_45_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=1.75736, alt=11.1484 R_s, phase=24.9187



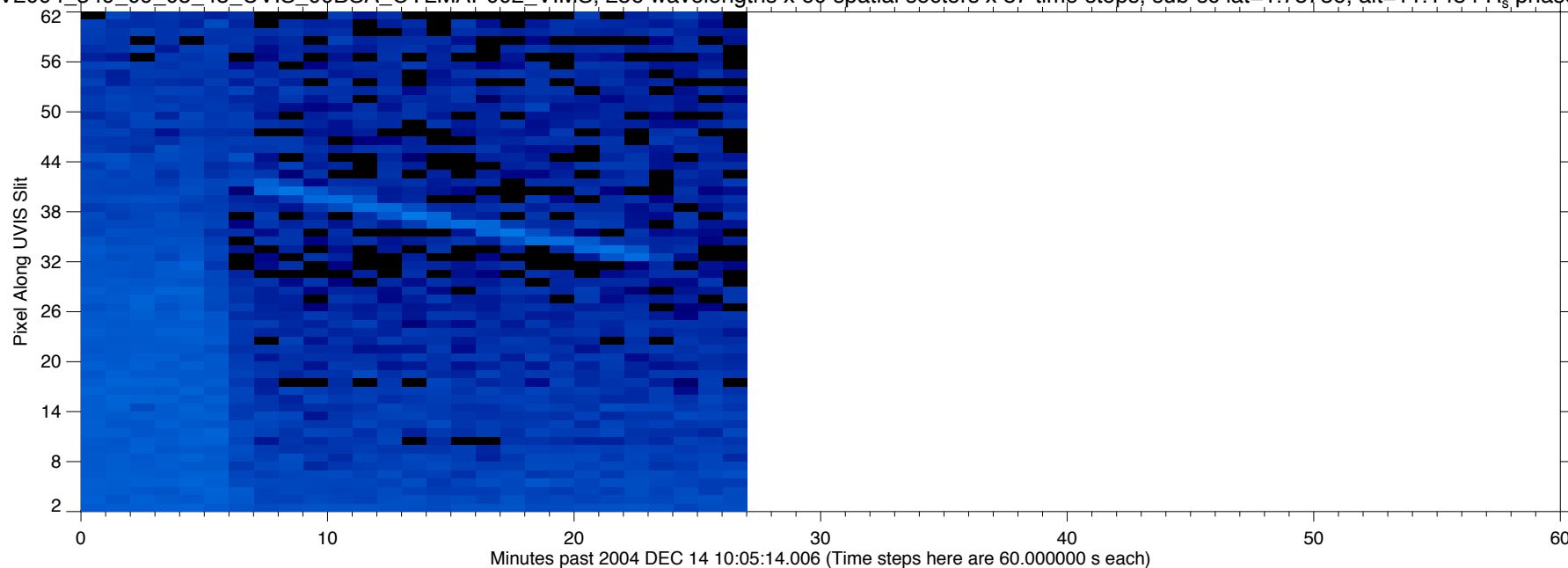
Minutes past 2004 DEC 14 09:05:14.006 (Time steps here are 60.000000 s each)

FUV2004_349_09_05_45_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=1.75736, alt=11.1484 R_s, phase=24.9187

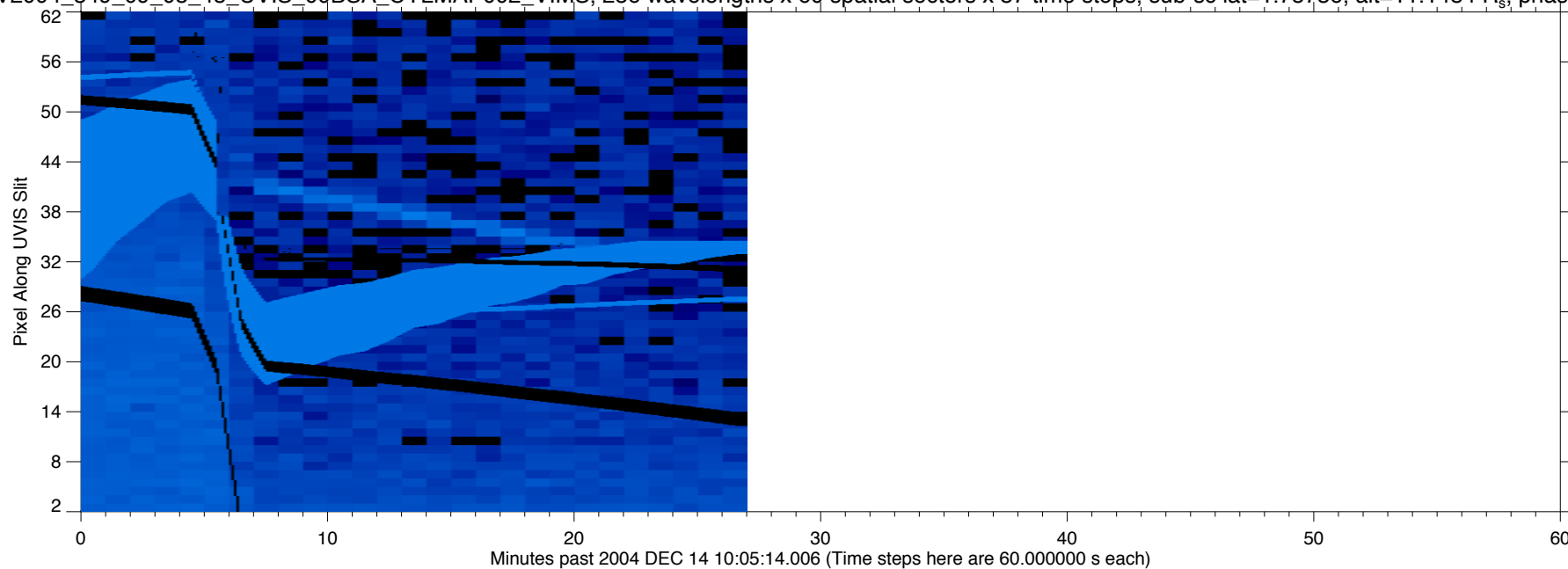


Minutes past 2004 DEC 14 09:05:14.006 (Time steps here are 60.000000 s each)

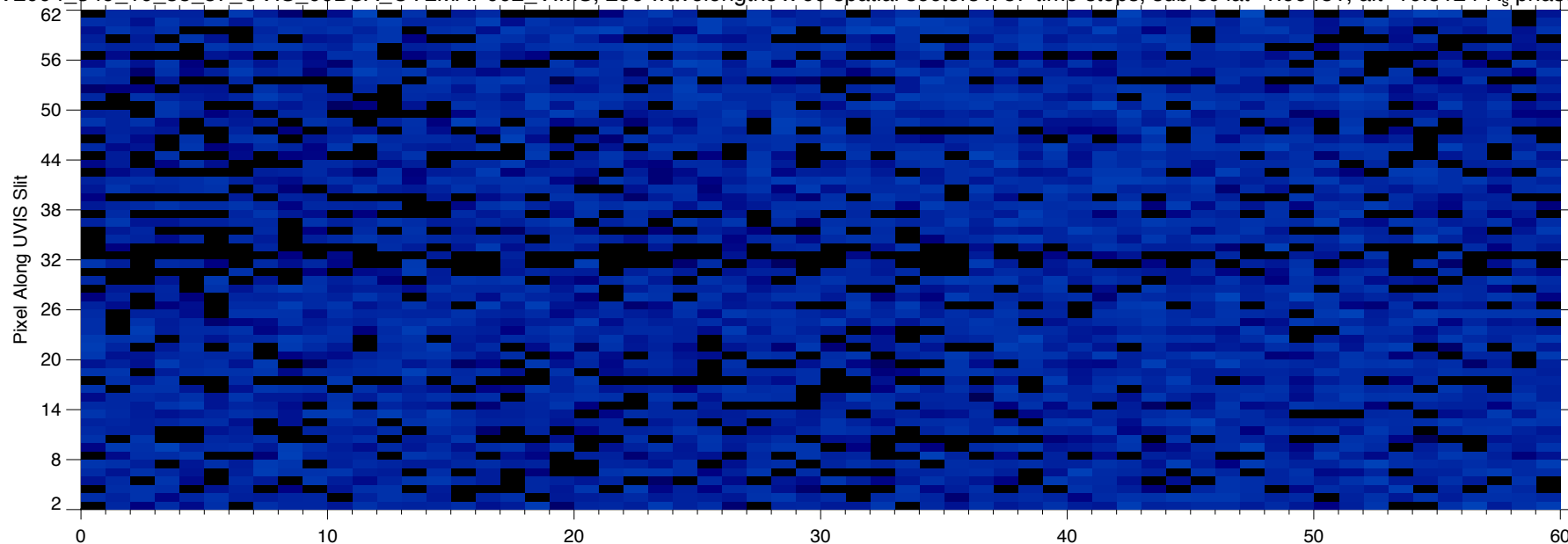
FUV2004_349_09_05_45_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=1.75736, alt=11.1484 R_s, phase=24.9187



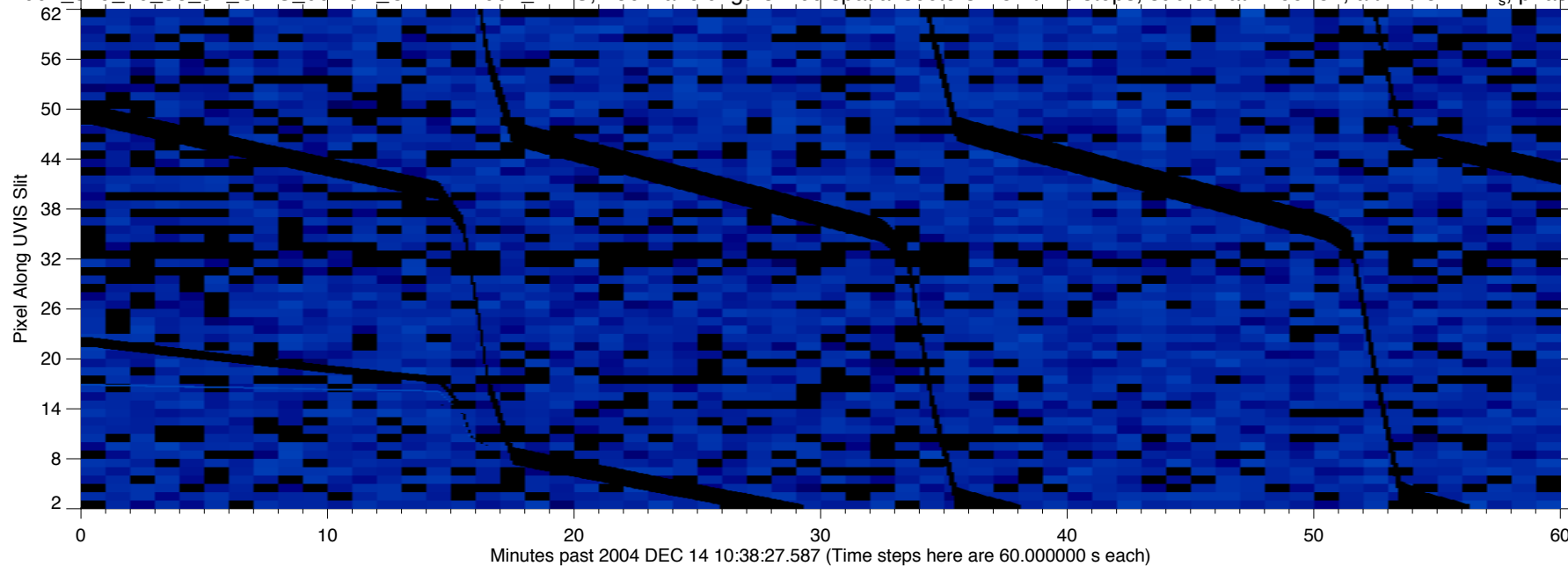
FUV2004_349_09_05_45_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=1.75736, alt=11.1484 R_s, phase=24.9187



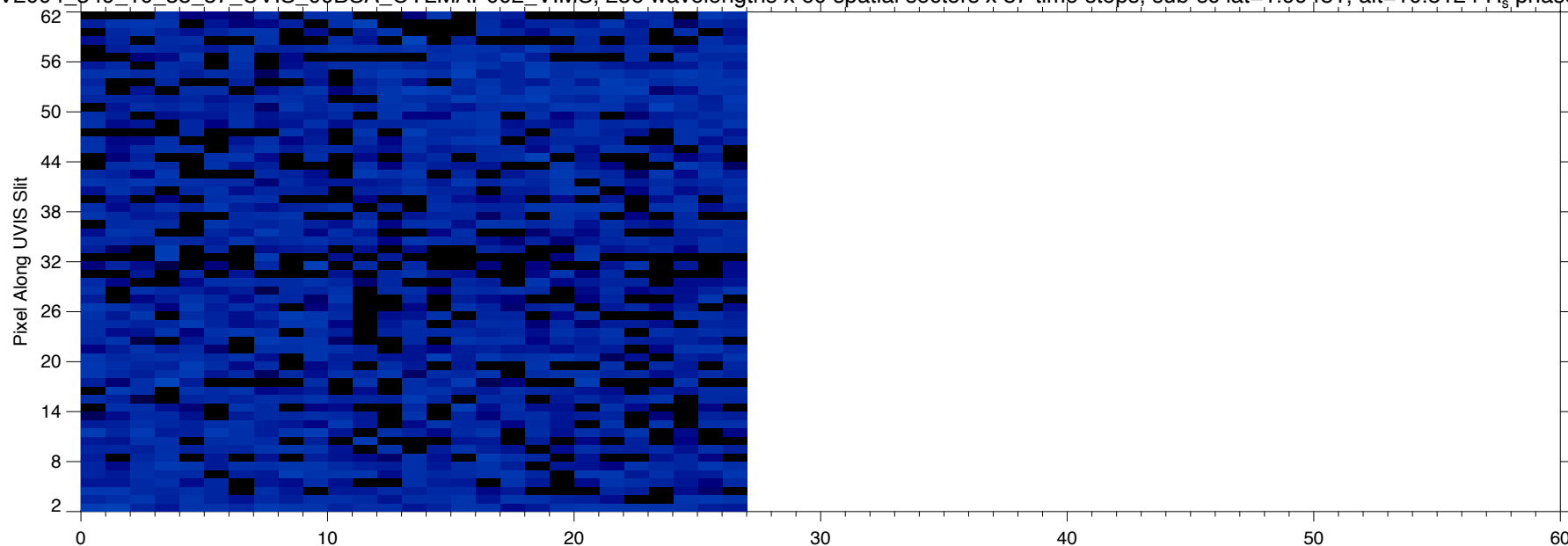
FUV2004_349_10_38_57_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=1.99481, alt=10.5124 R_s, phase=25.2140



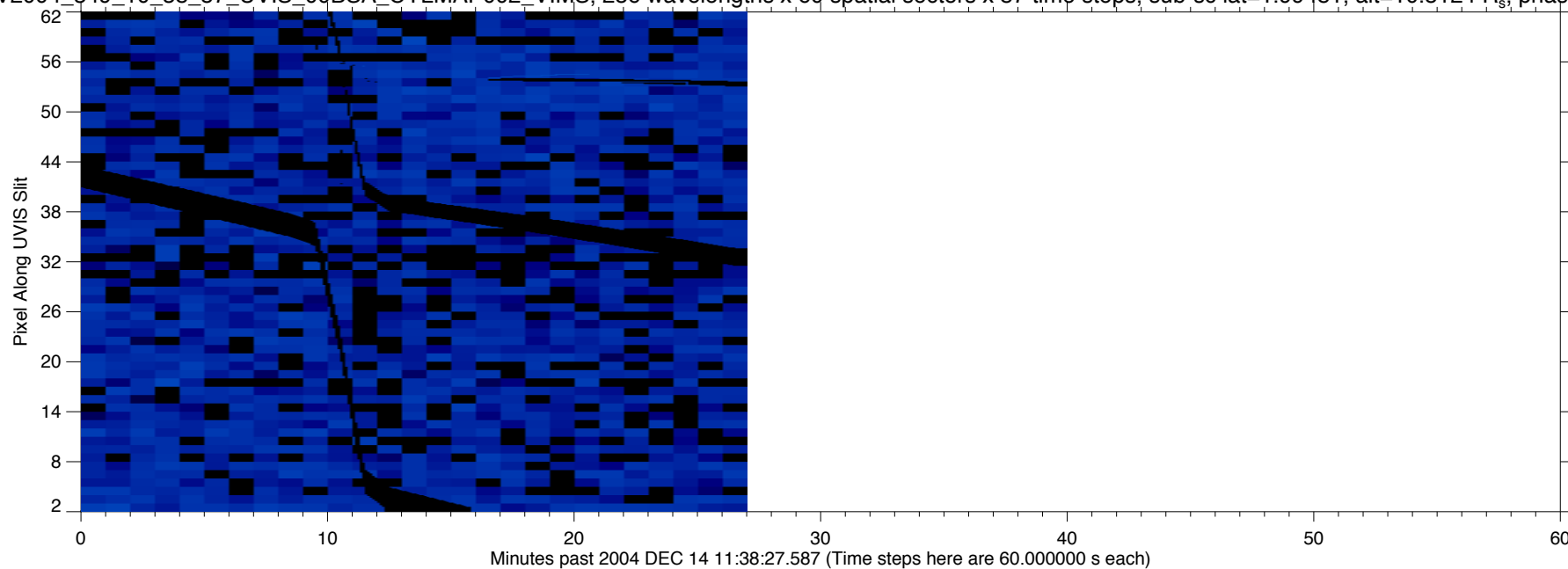
FUV2004_349_10_38_57_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=1.99481, alt=10.5124 R_s, phase=25.2140



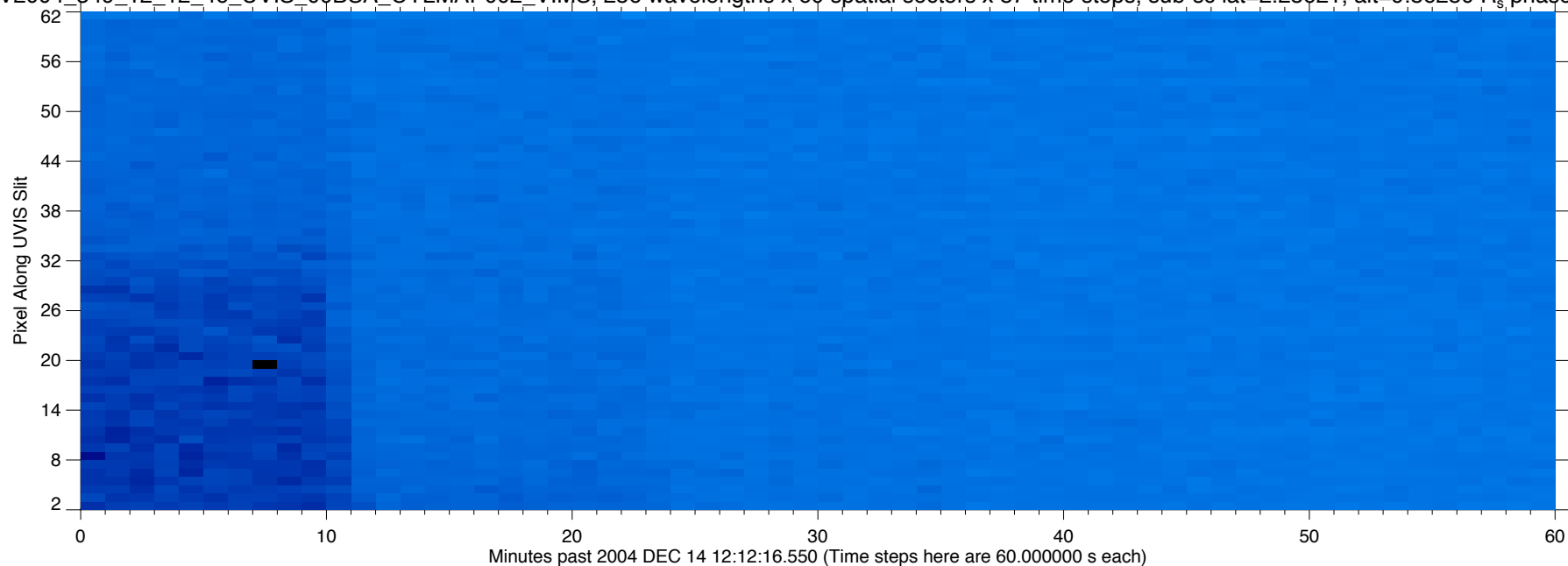
FUV2004_349_10_38_57_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=1.99481, alt=10.5124 R_s, phase=25.2140



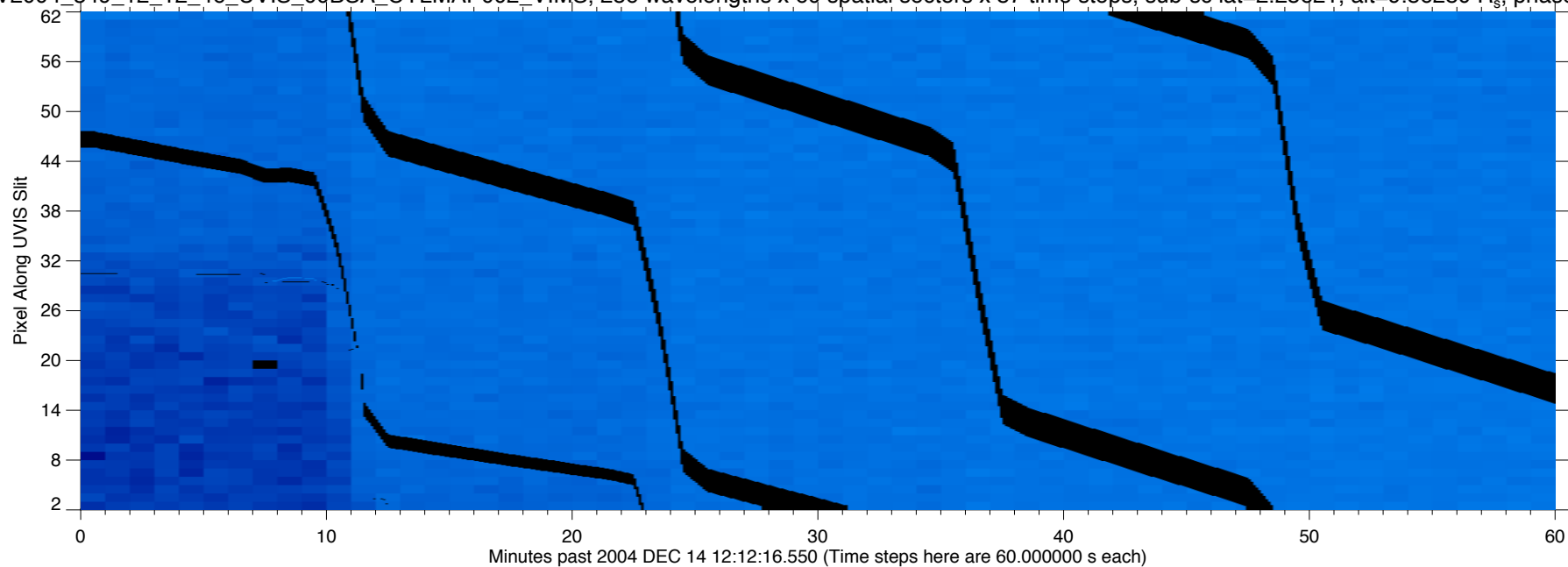
FUV2004_349_10_38_57_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=1.99481, alt=10.5124 R_s, phase=25.2140



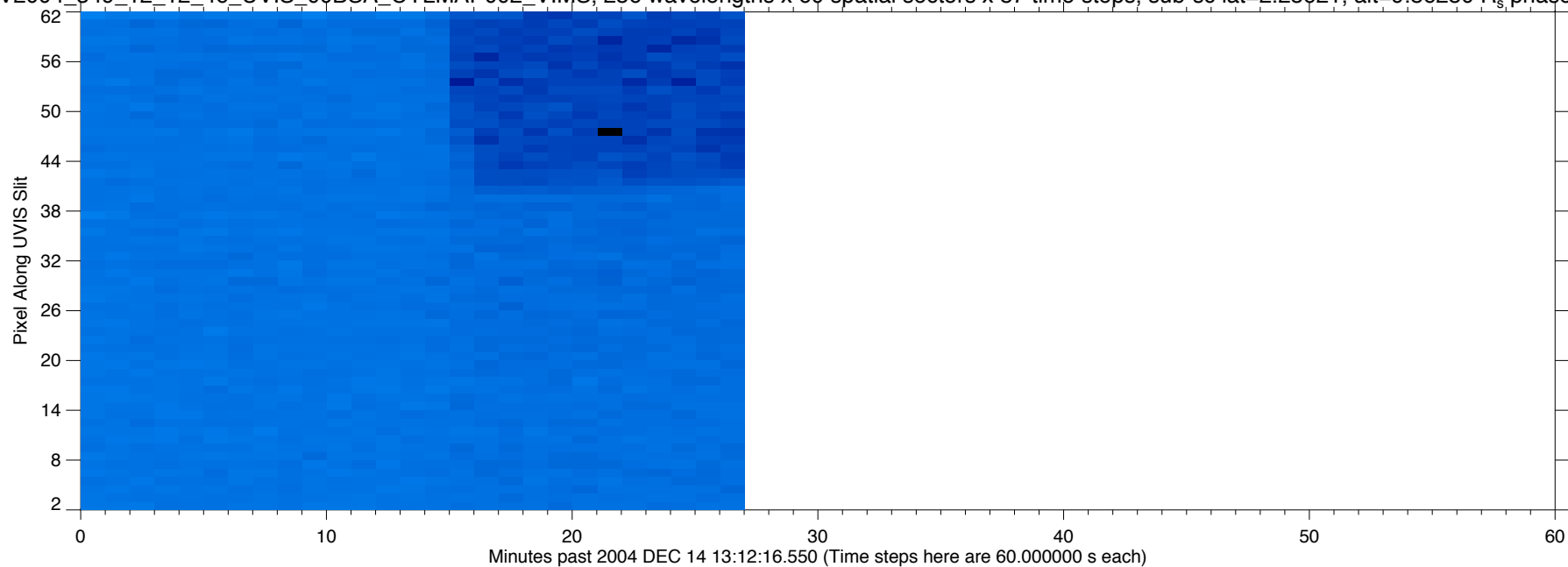
FUV2004_349_12_12_46_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=2.25621, alt=9.86280 R_s, phase=25.8881



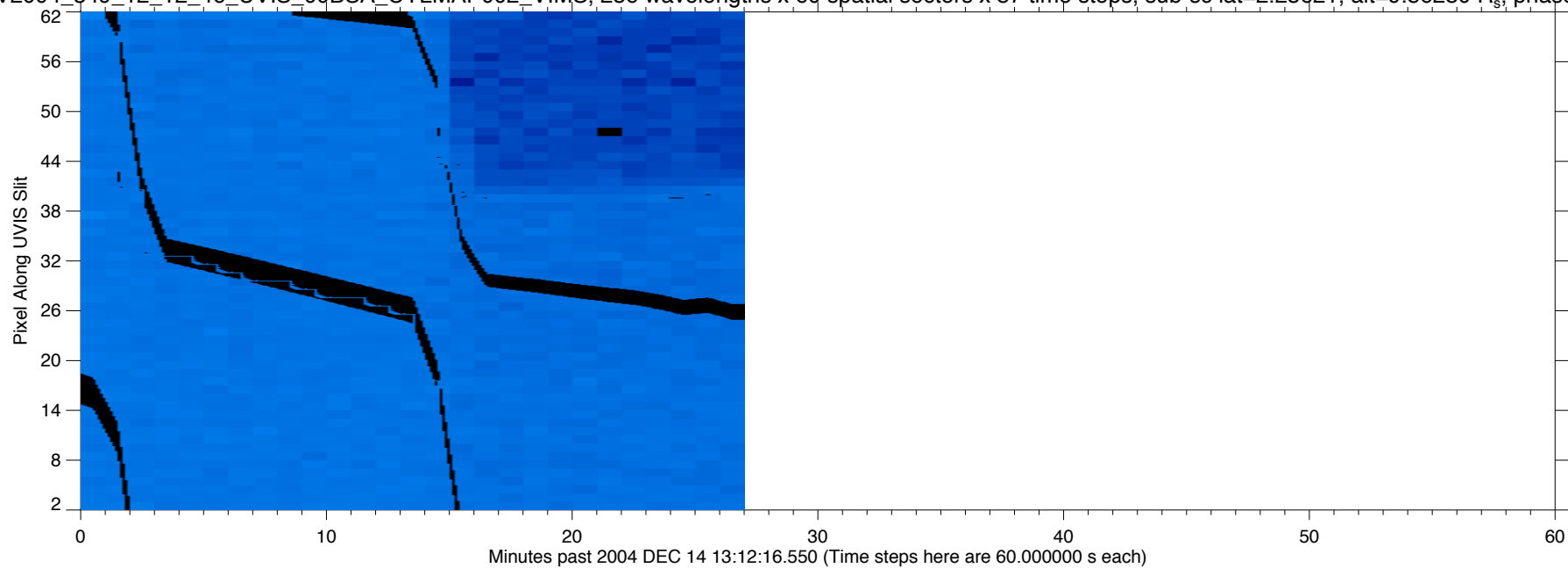
FUV2004_349_12_12_46_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=2.25621, alt=9.86280 R_s, phase=25.8881



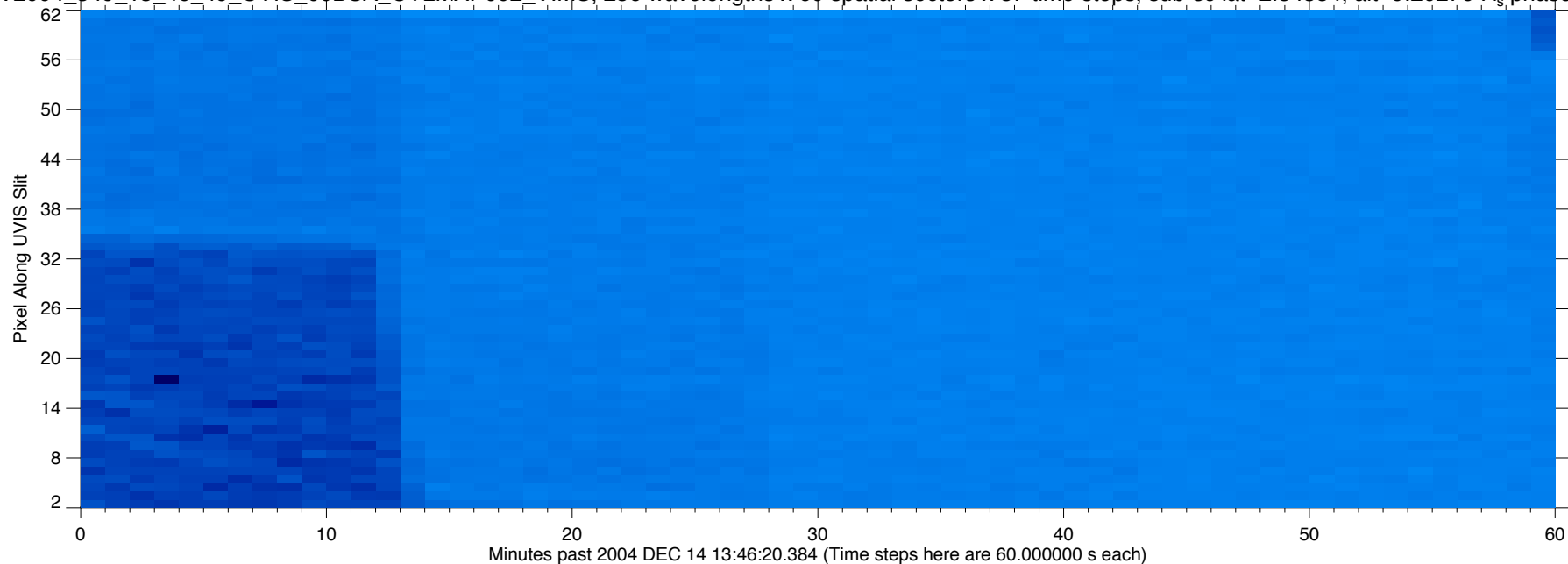
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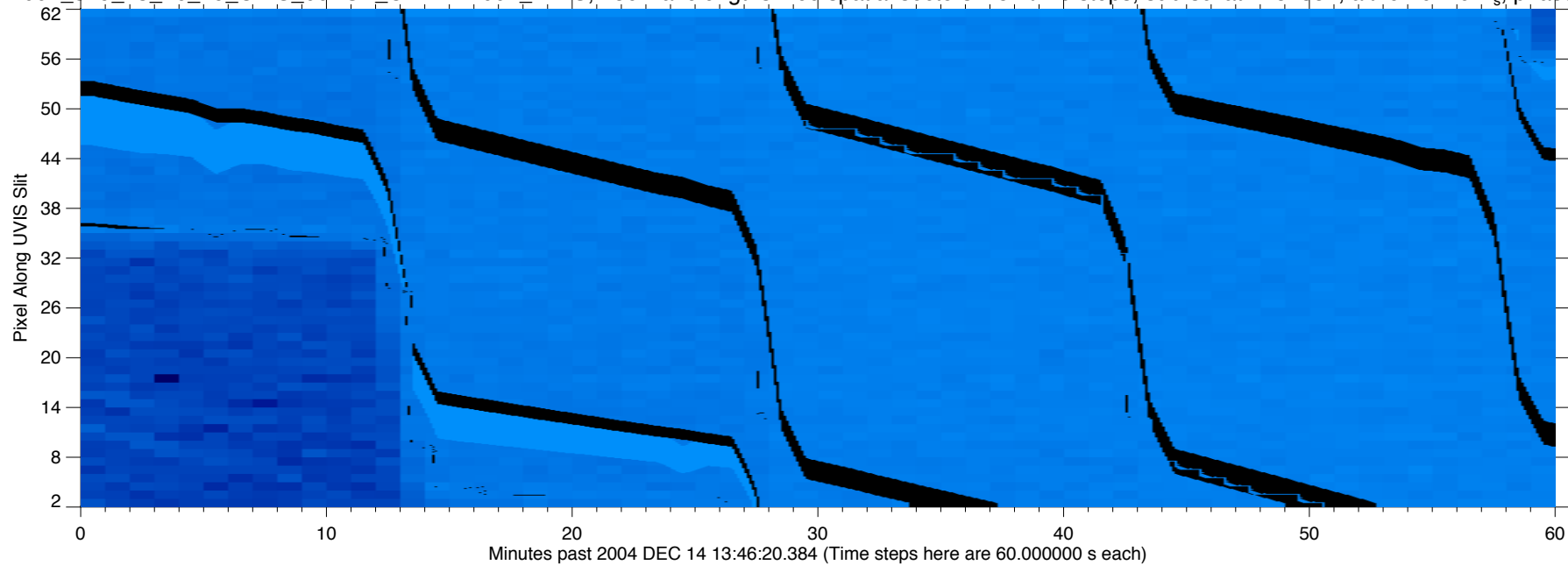
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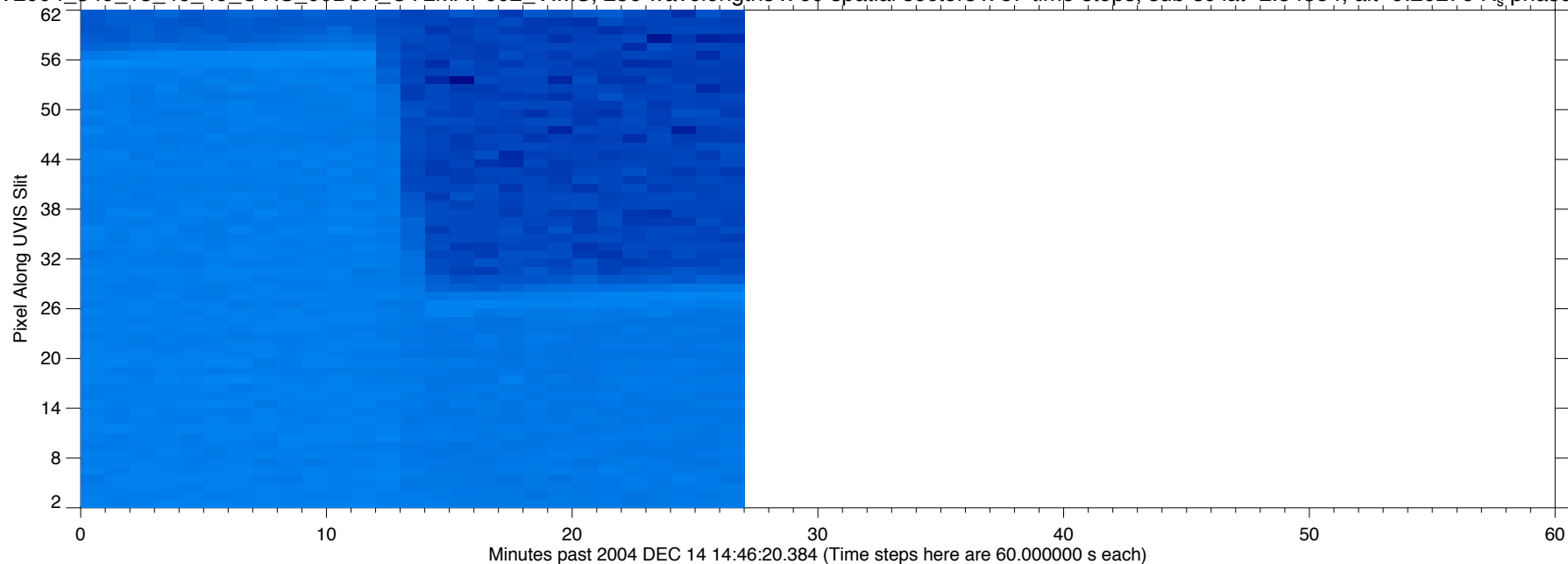
FUV2004_349_13_46_49_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=2.54354, alt=9.20276 R_s, phase=27.0528



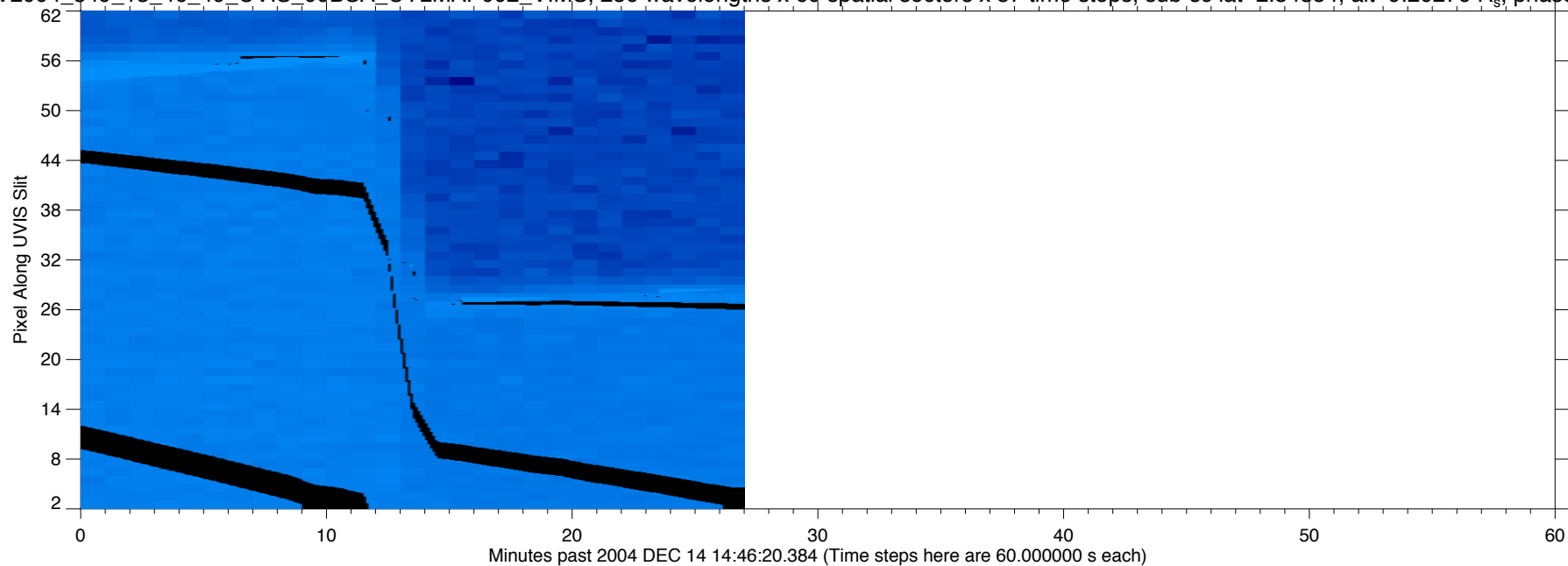
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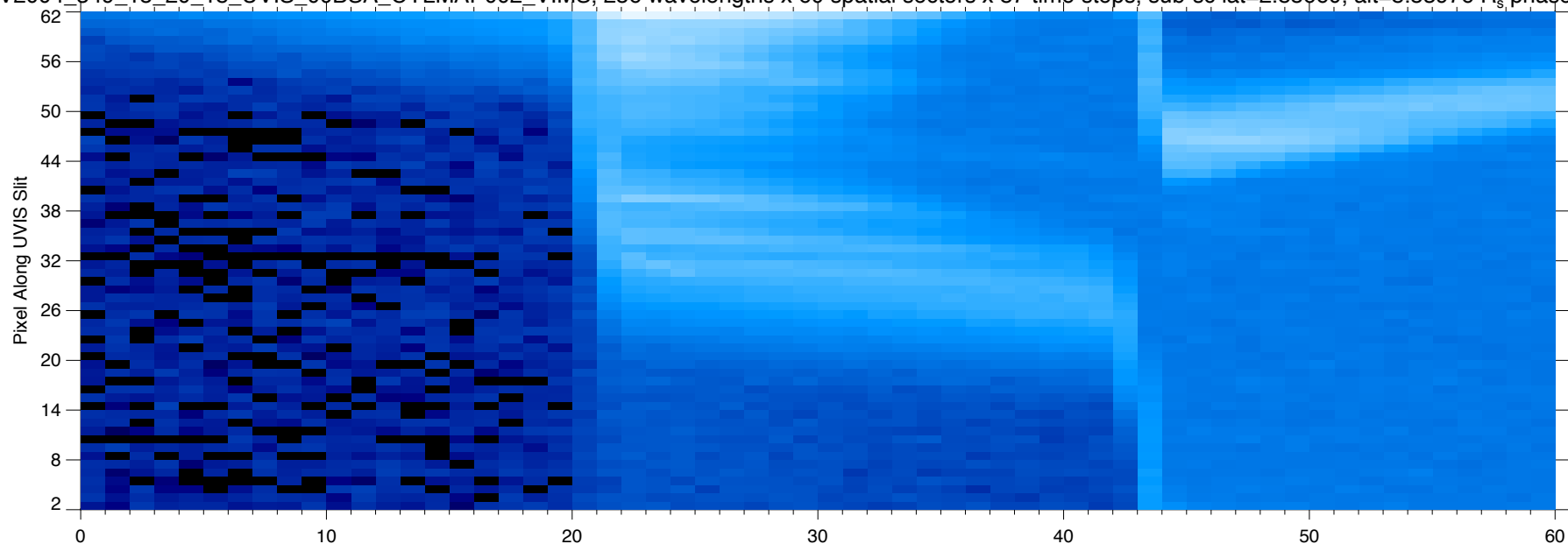
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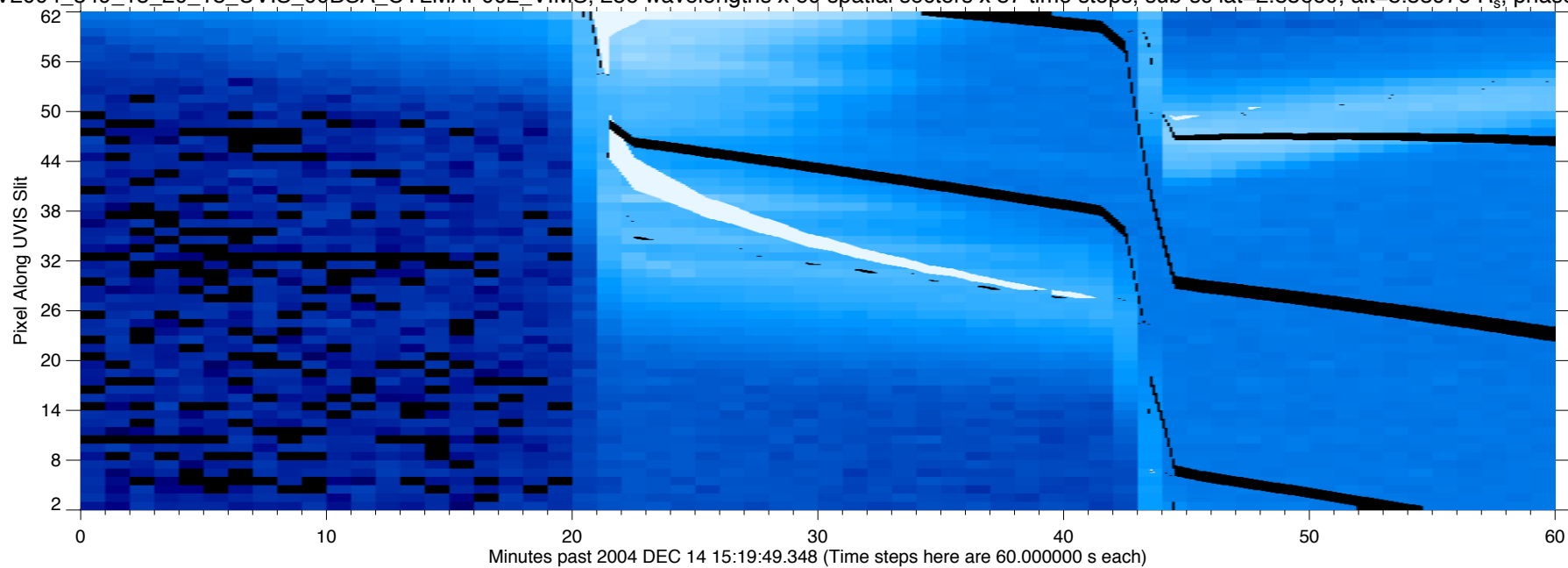
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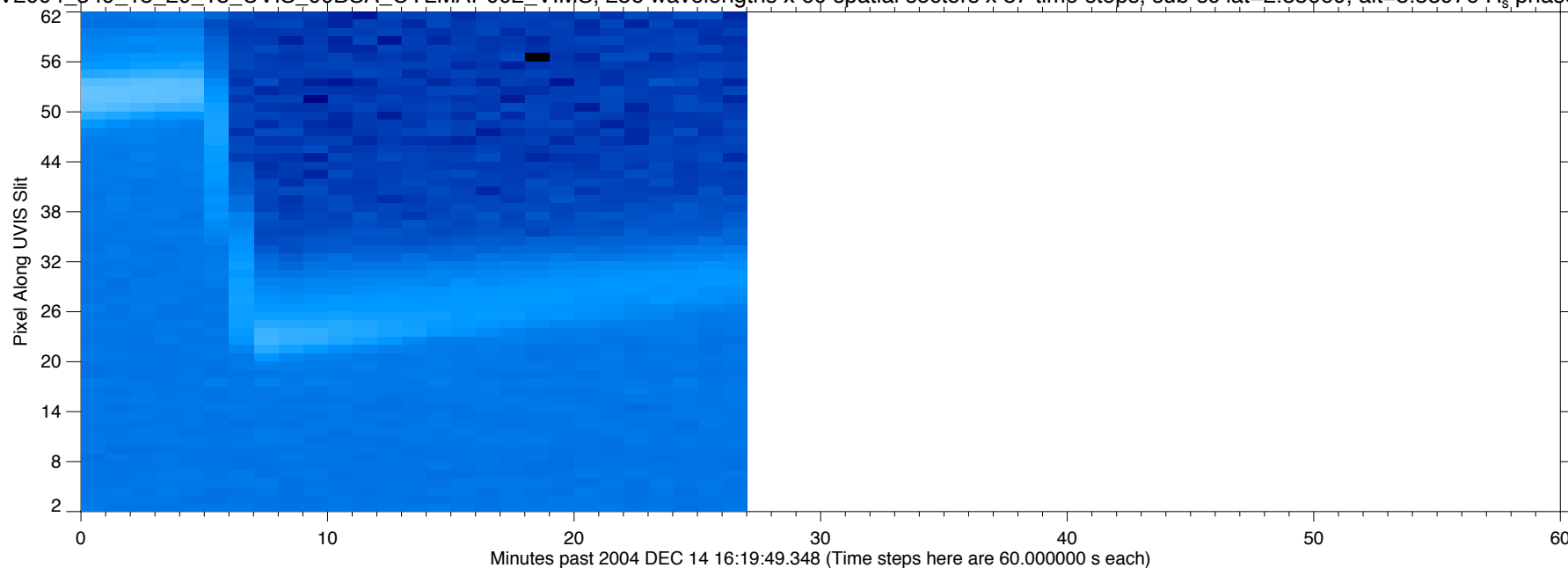
FUV2004_349_15_20_18_UVIS_00BSA_CYLMAP002_VIMS, 256 wavelengths x 60 spatial sectors x 87 time steps, sub-sc lat=2.85660, alt=8.53976 R_s, phase=28.8214



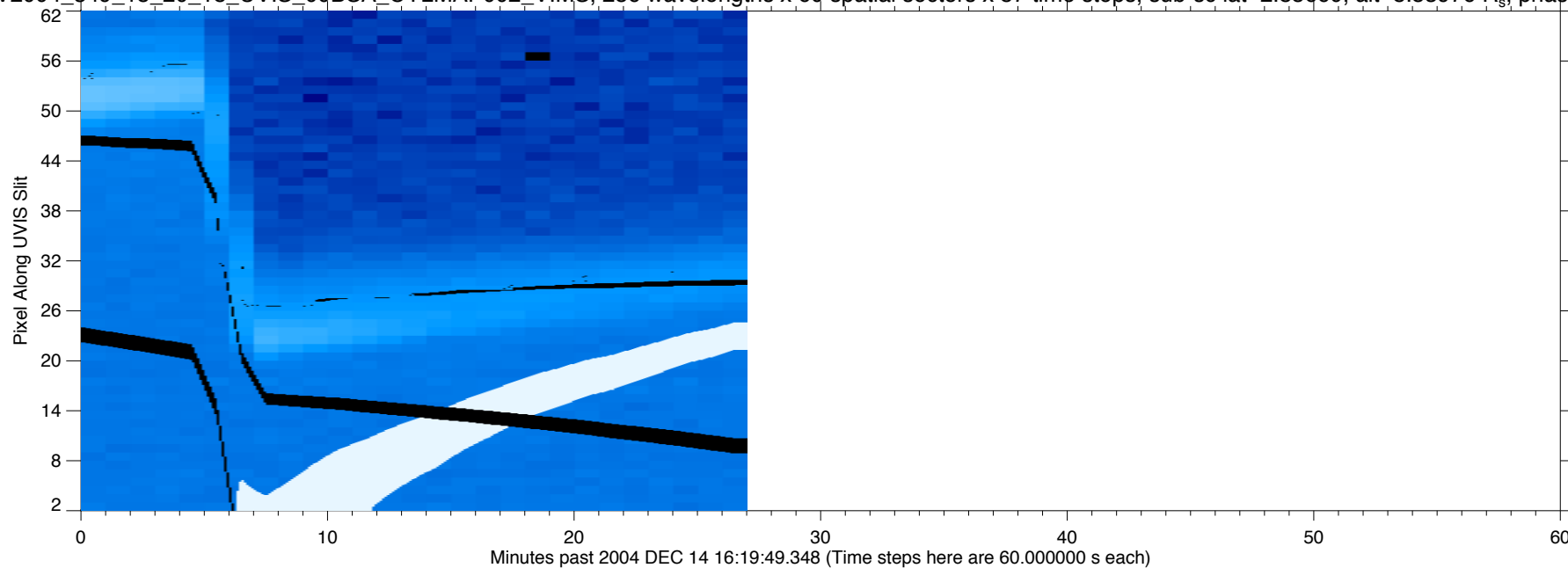
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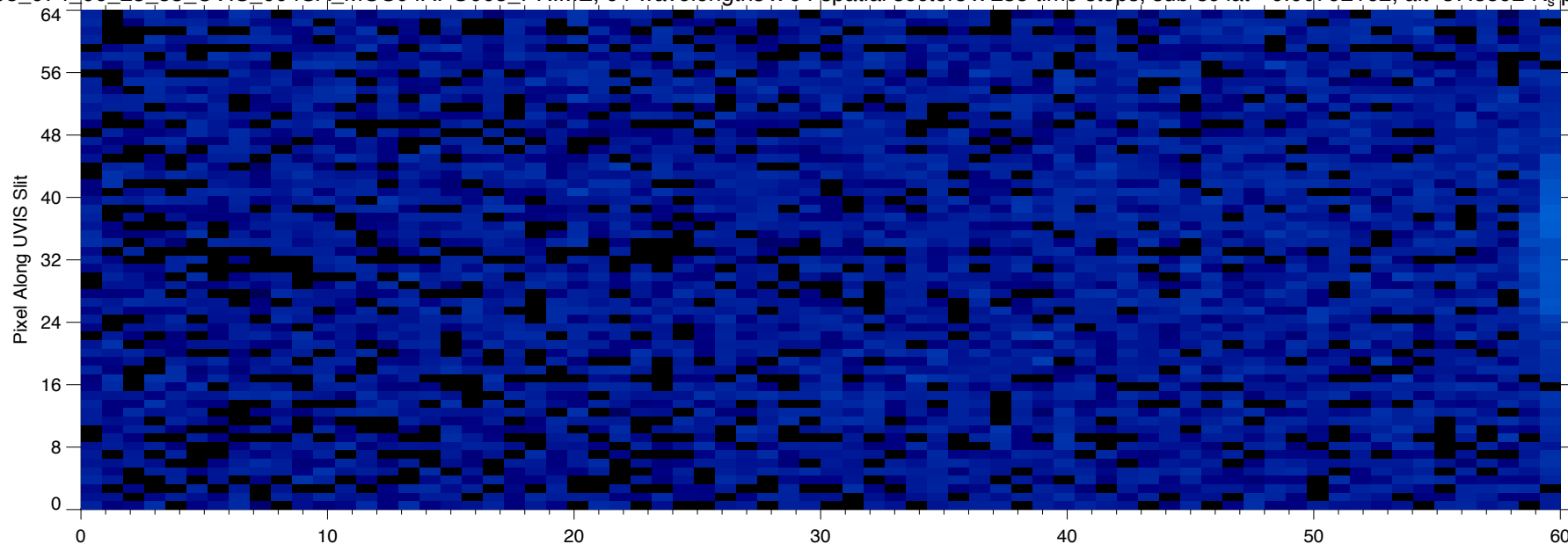
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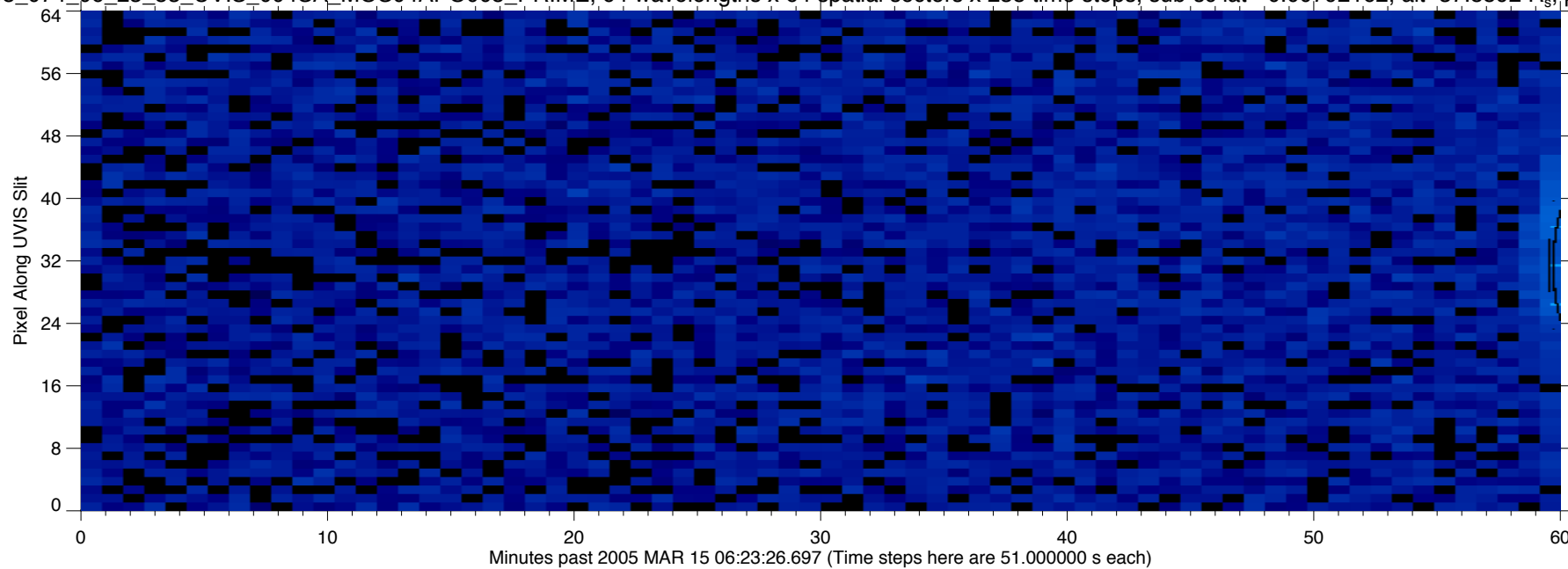
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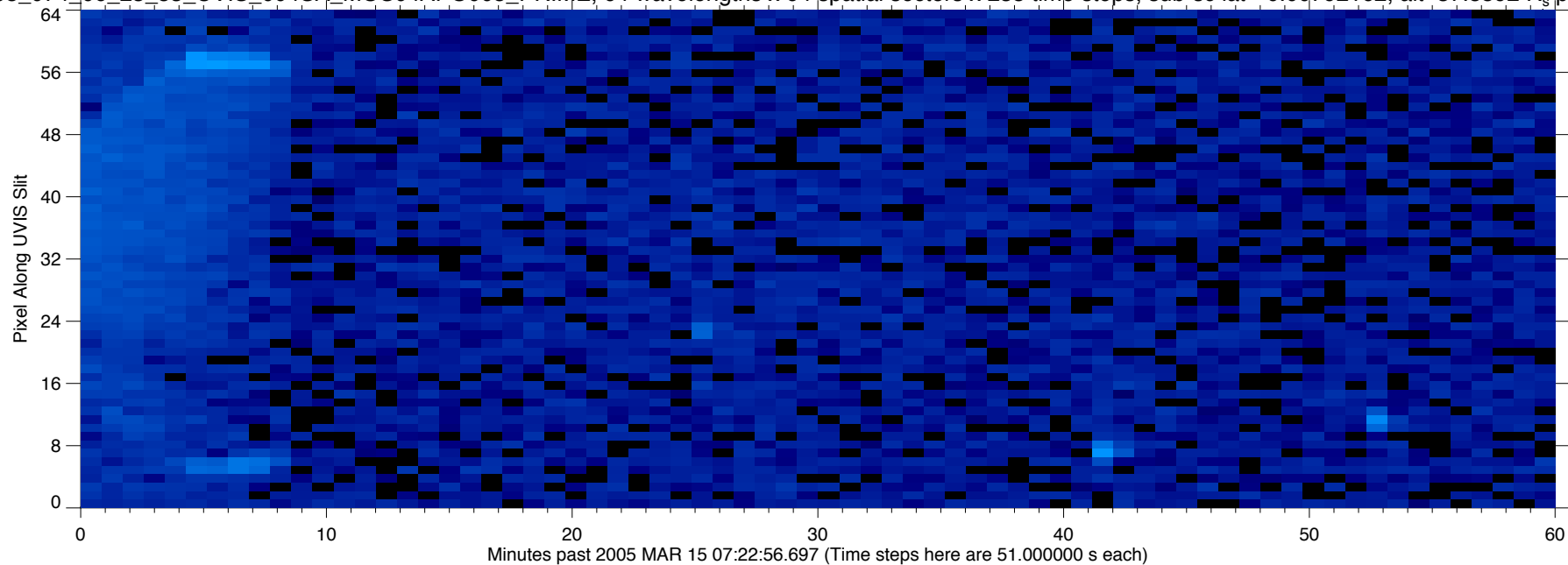
FUV2005_074_06_23_53_UVIS_004SA_MOS04APO005_PRIME, 64 wavelengths x 64 spatial sectors x 235 time steps, sub-sc lat=-0.00792162, alt=37.5592 R_s, phase=77.2510



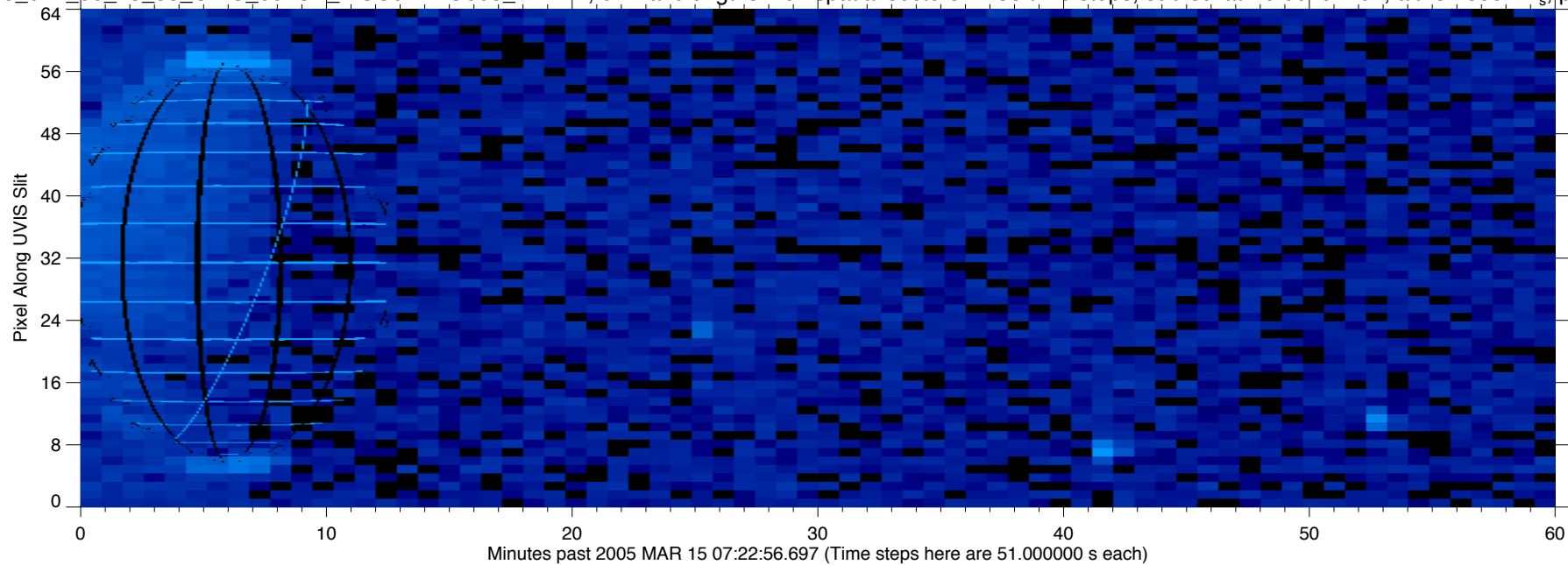
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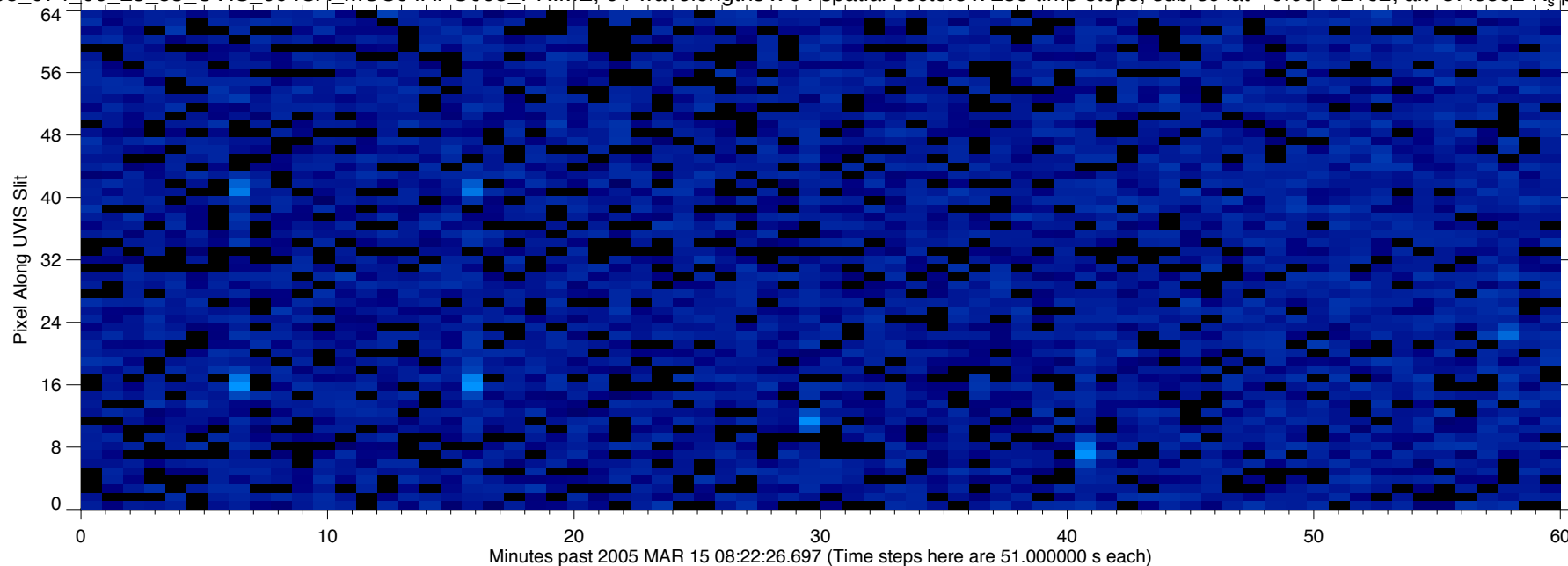
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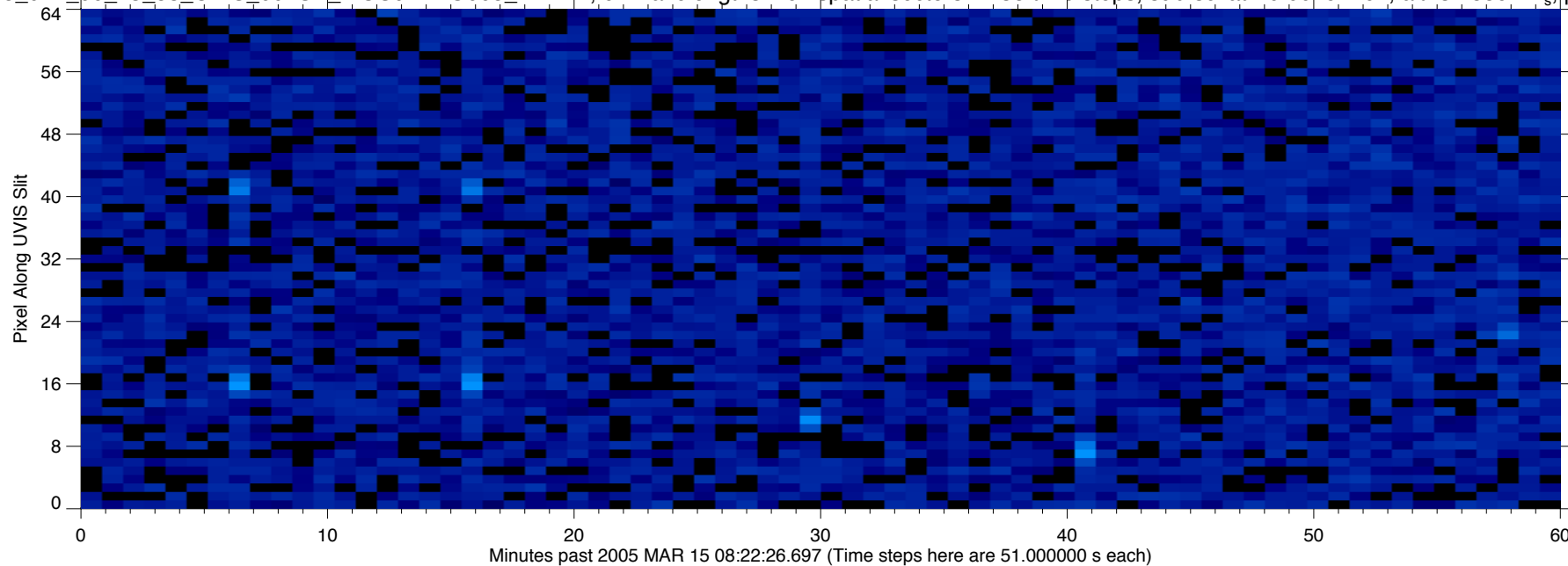
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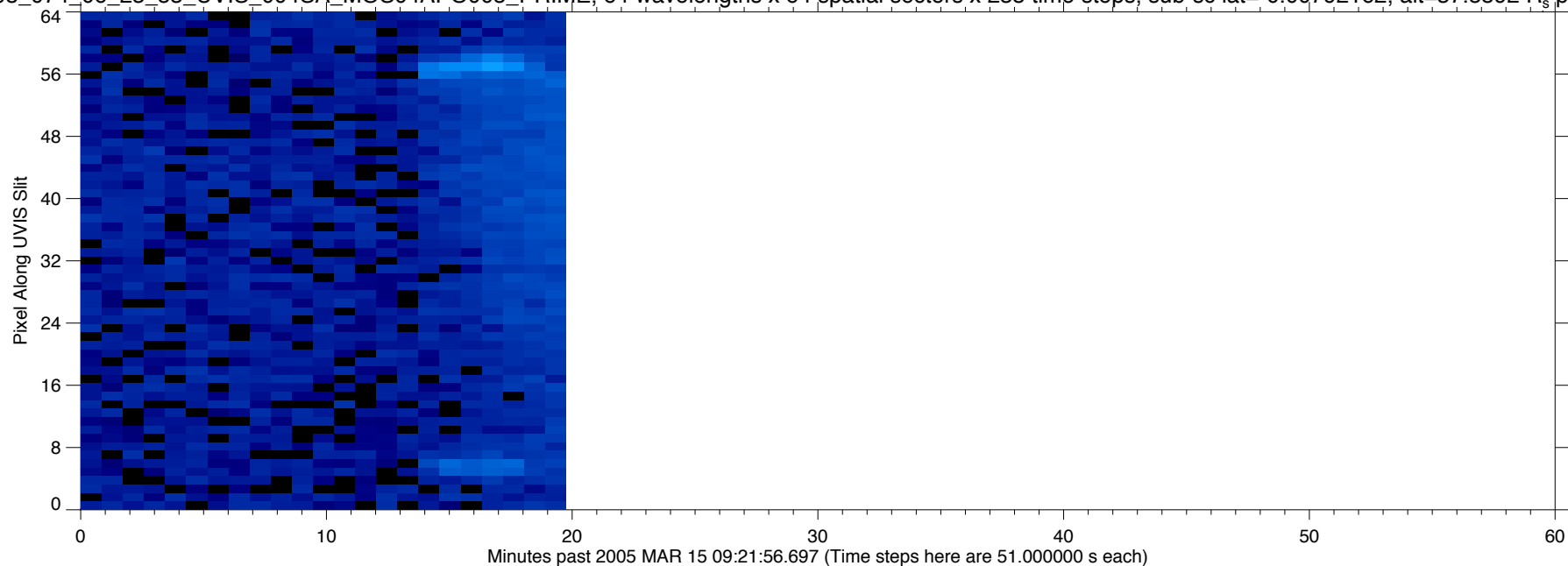
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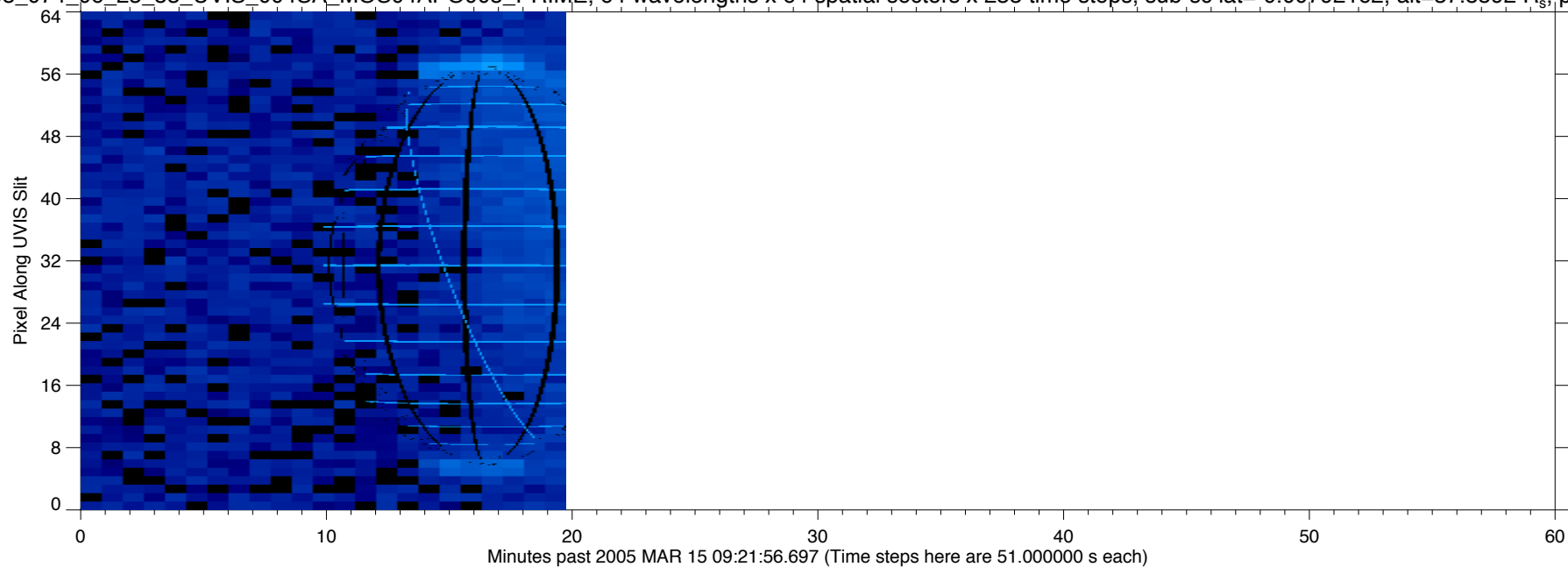
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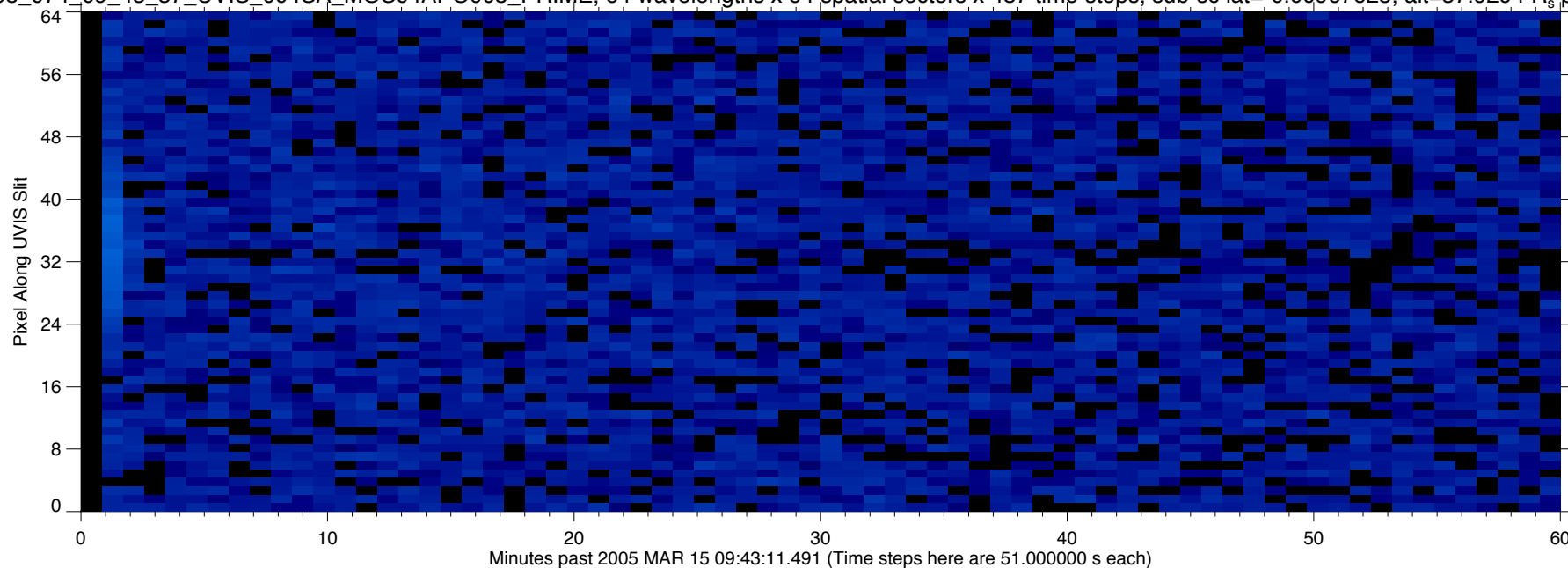
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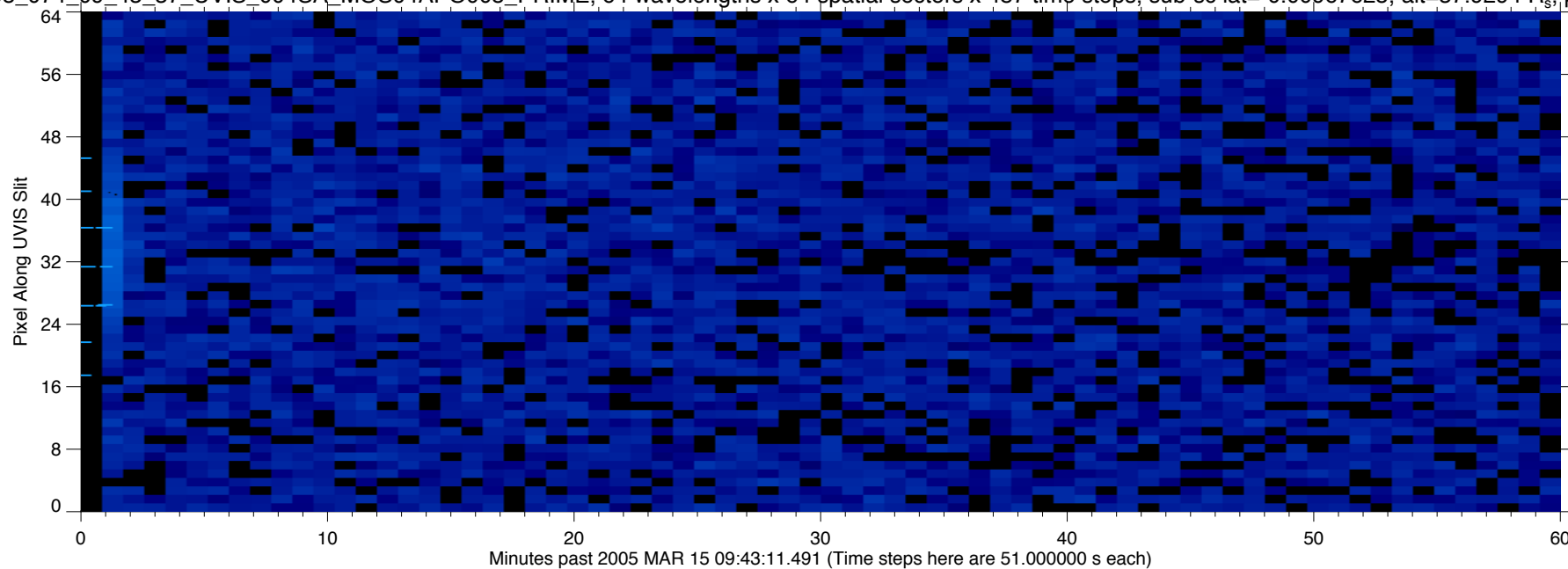
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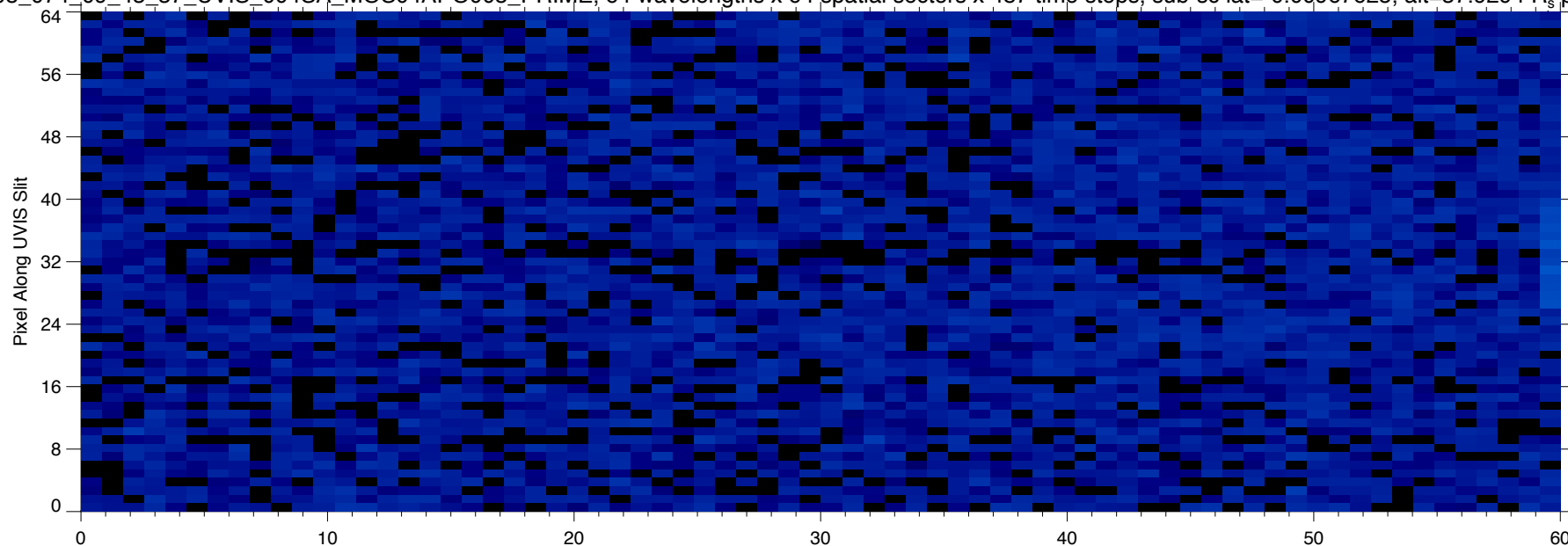
FUV2005_074_09_43_37_UVIS_004SA_MOS04APO005_PRIME, 64 wavelengths x 64 spatial sectors x 487 time steps, sub-sc lat=-0.00967625, alt=37.9294 R_s, phase=76.8088



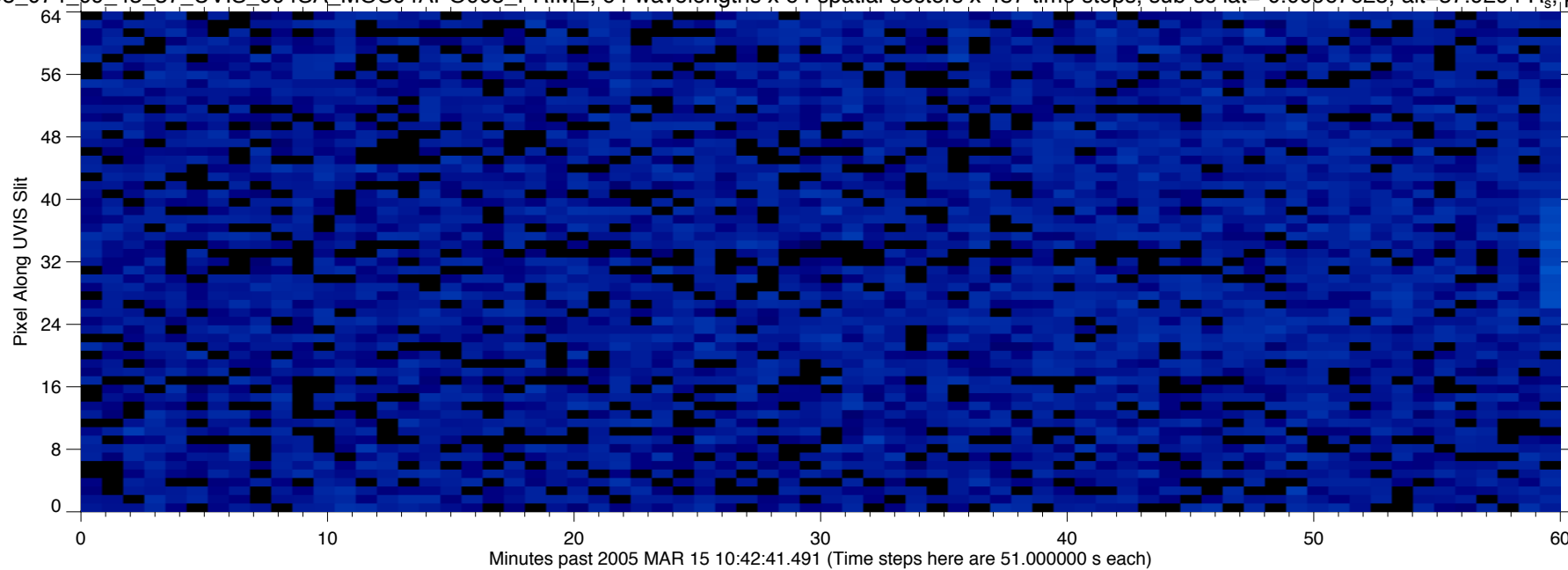
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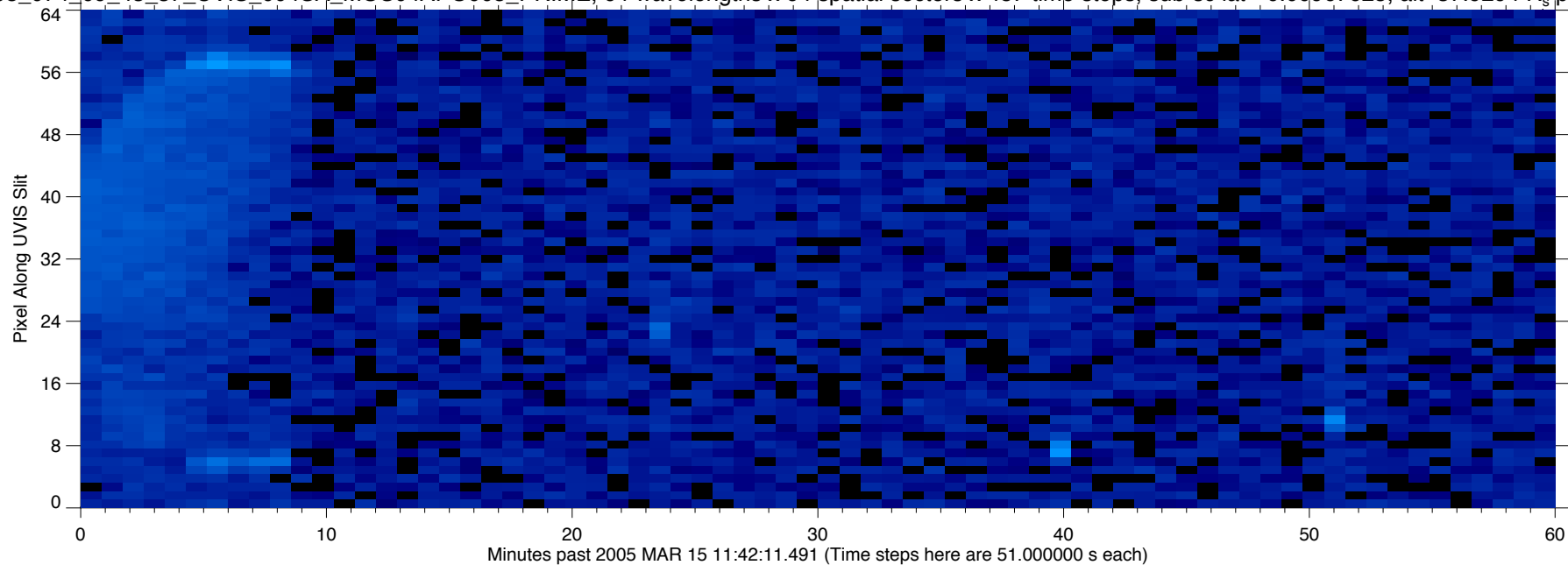
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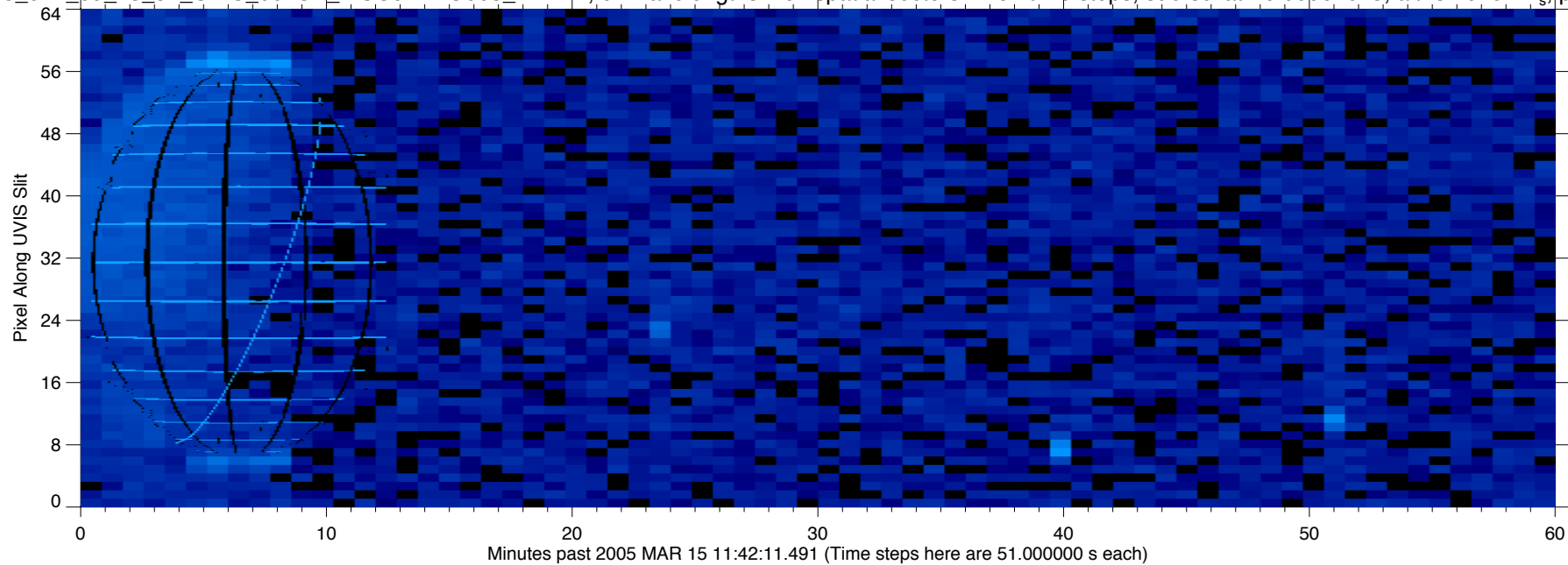
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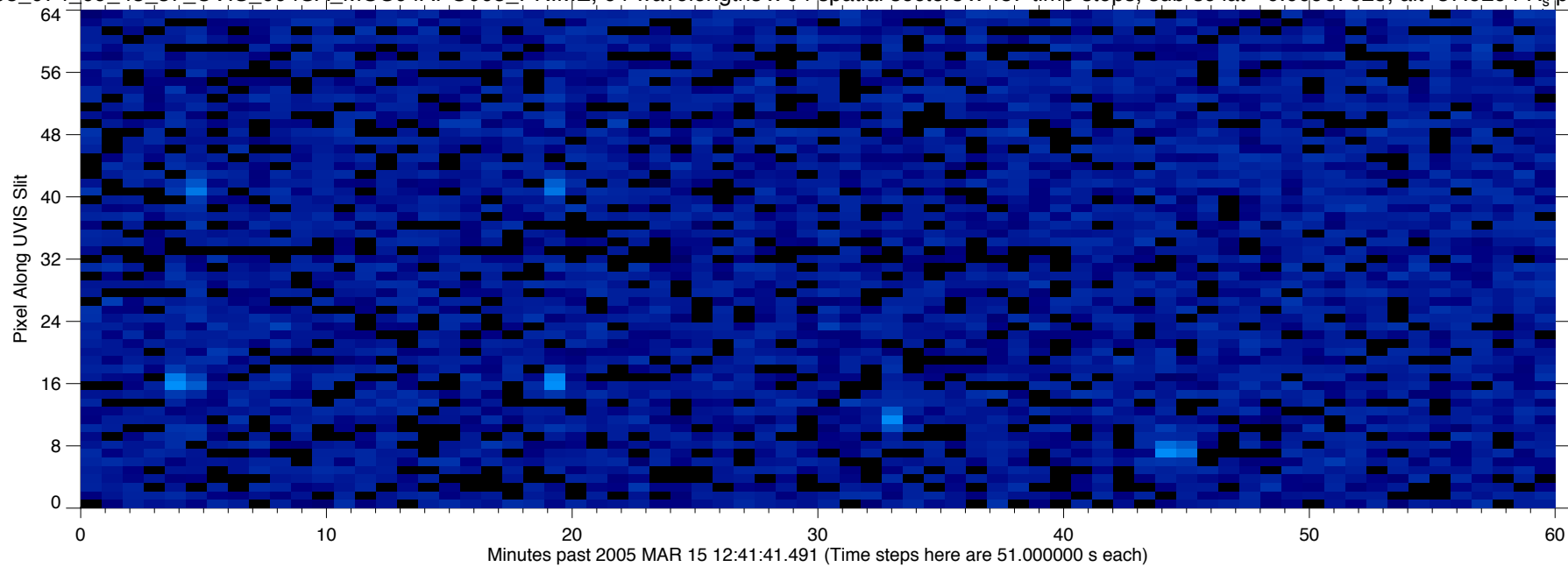
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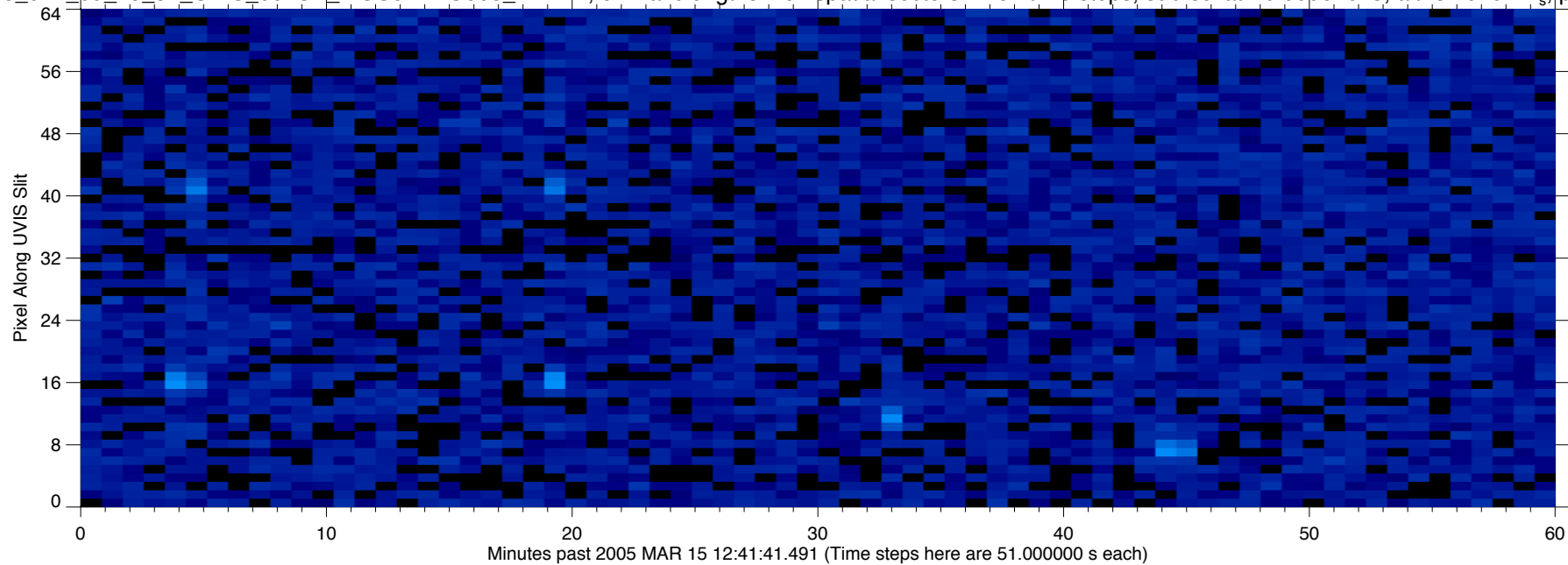
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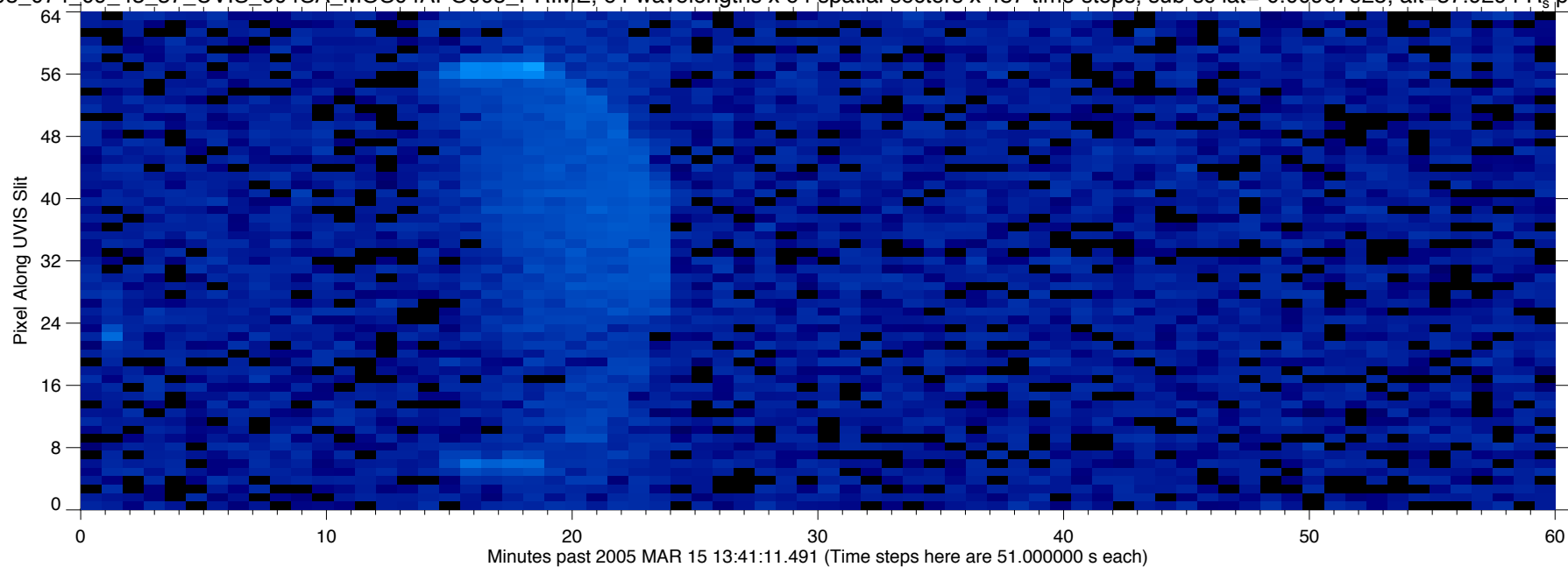
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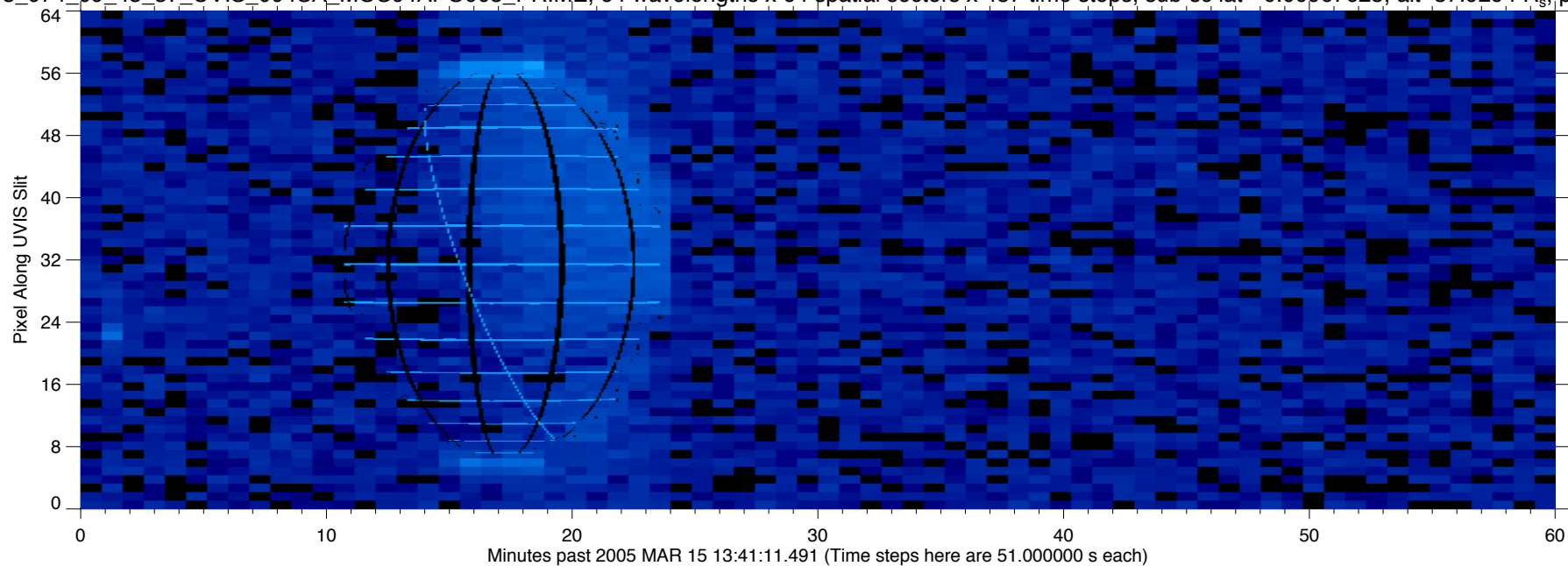
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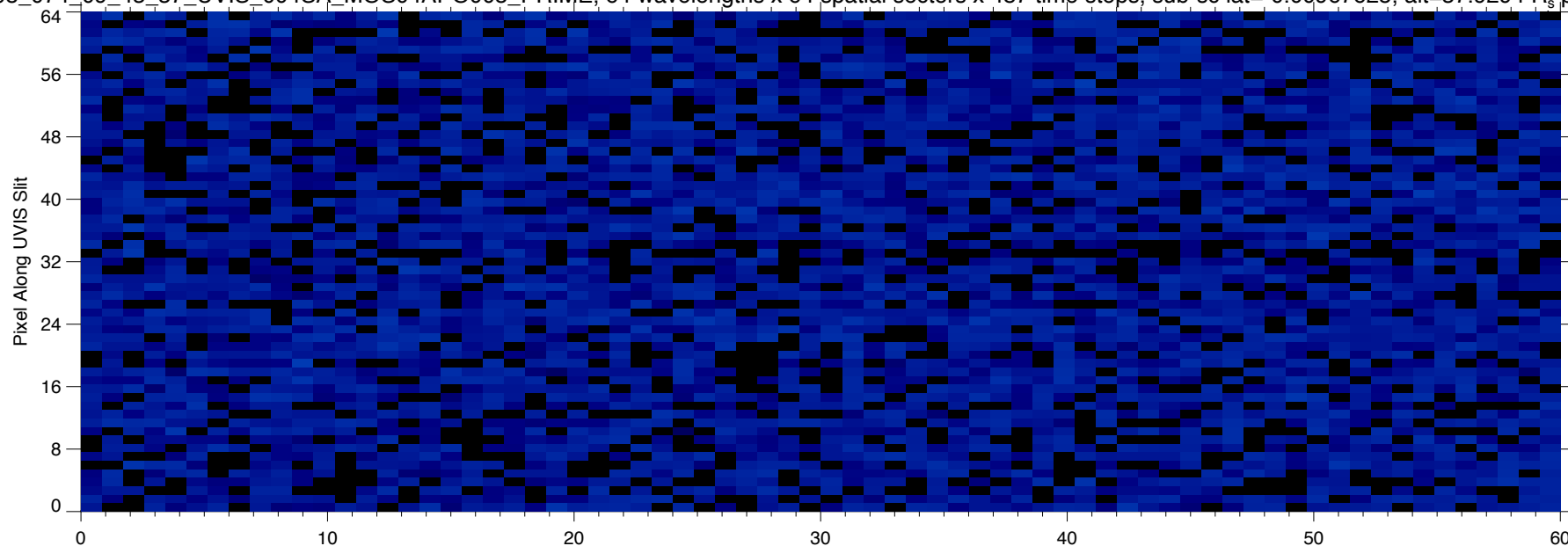
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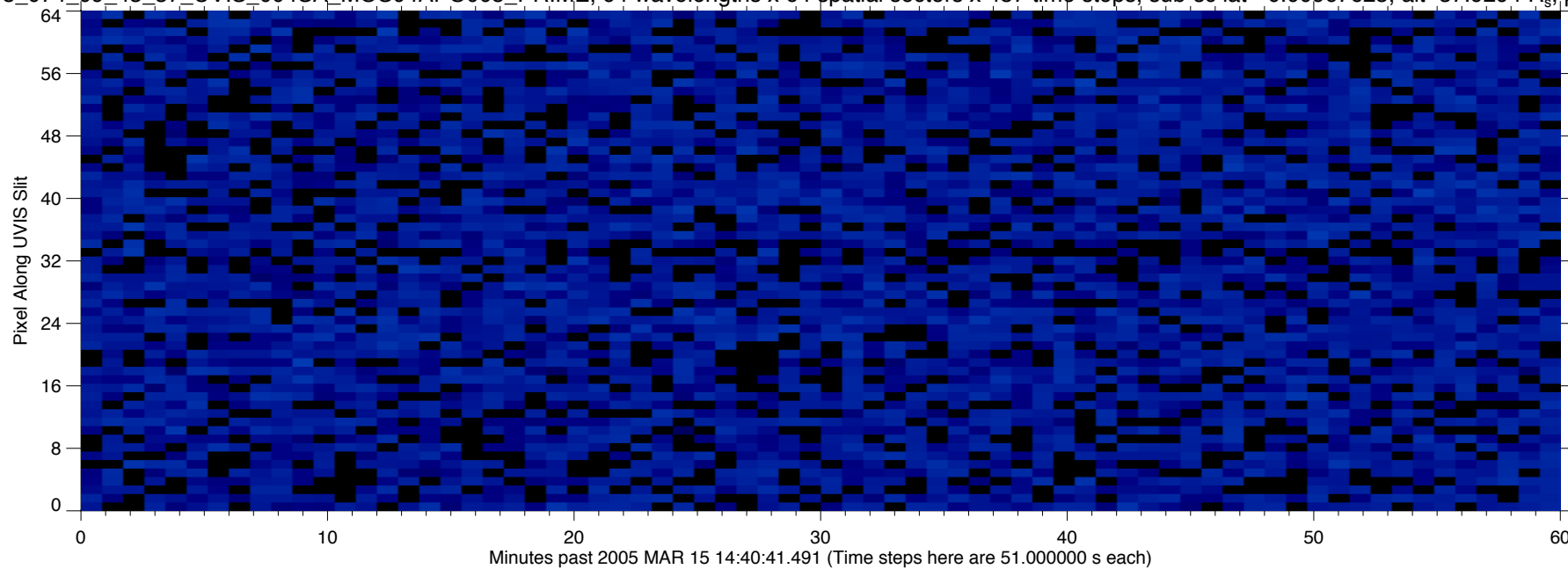
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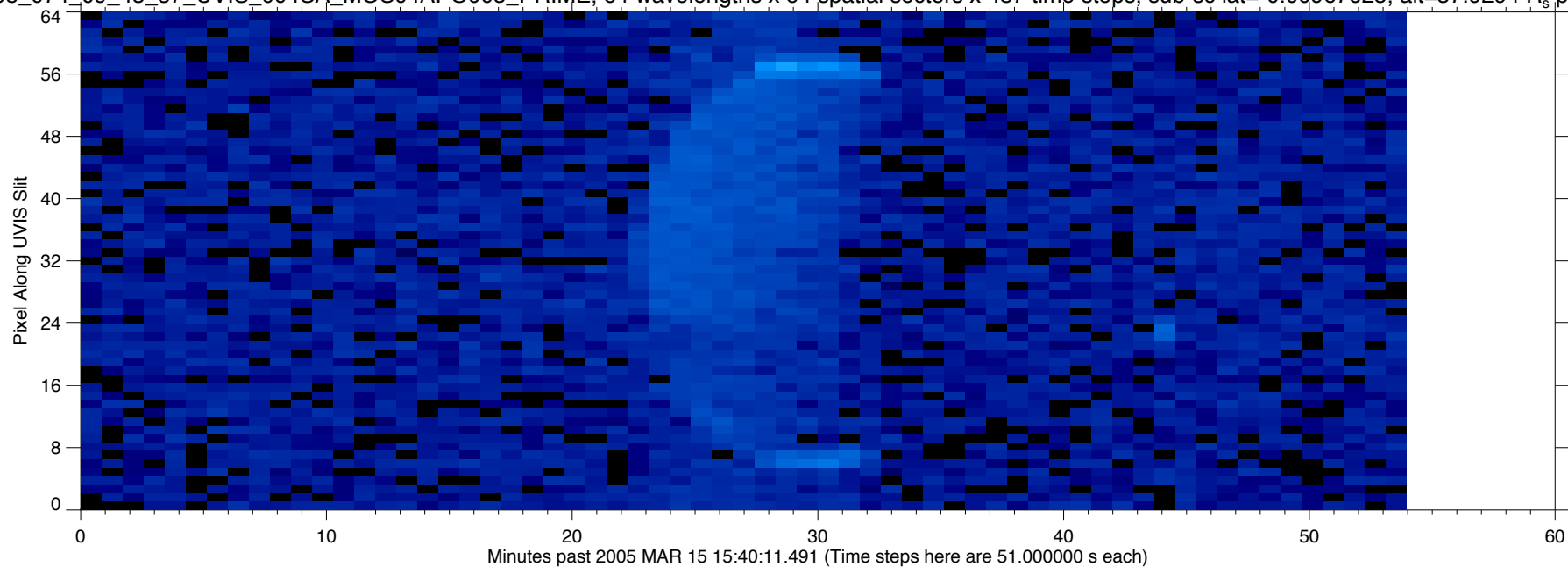
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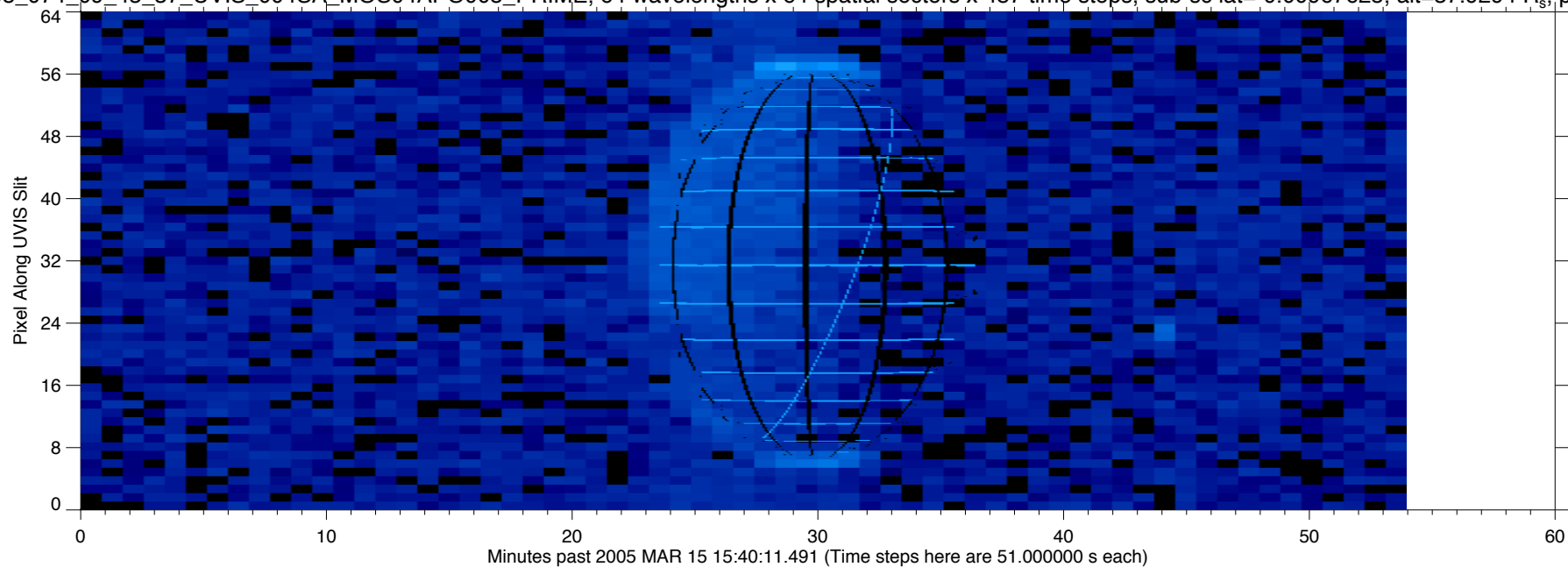
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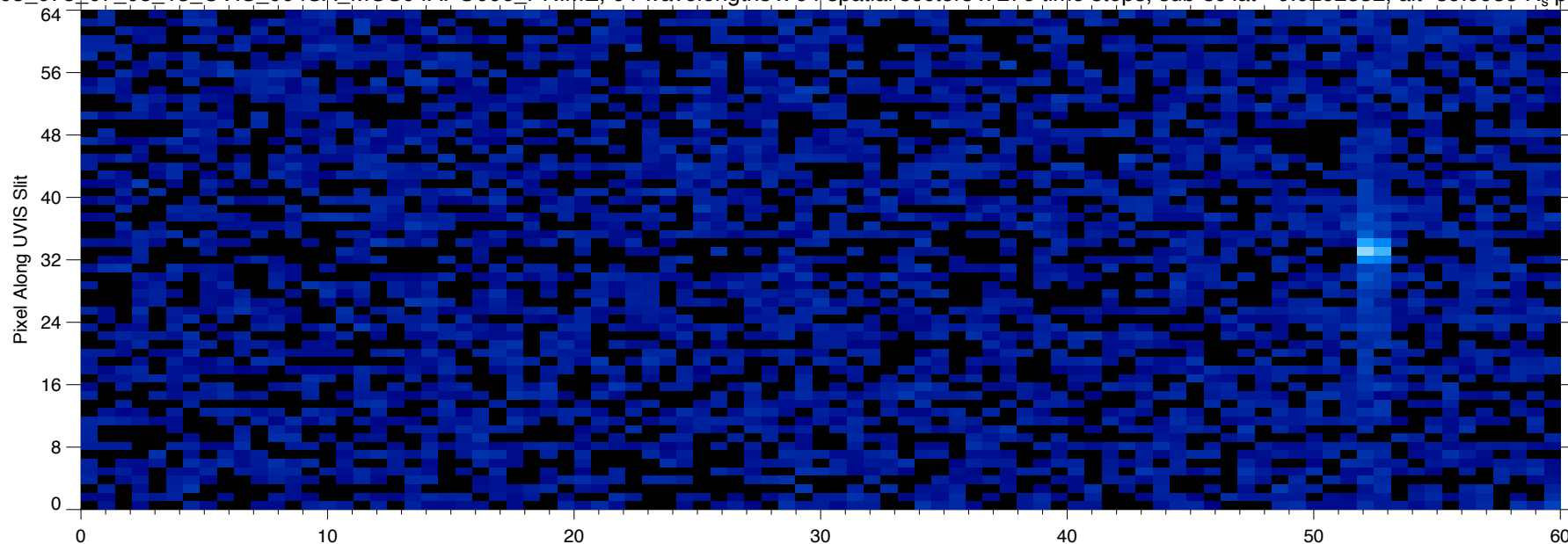
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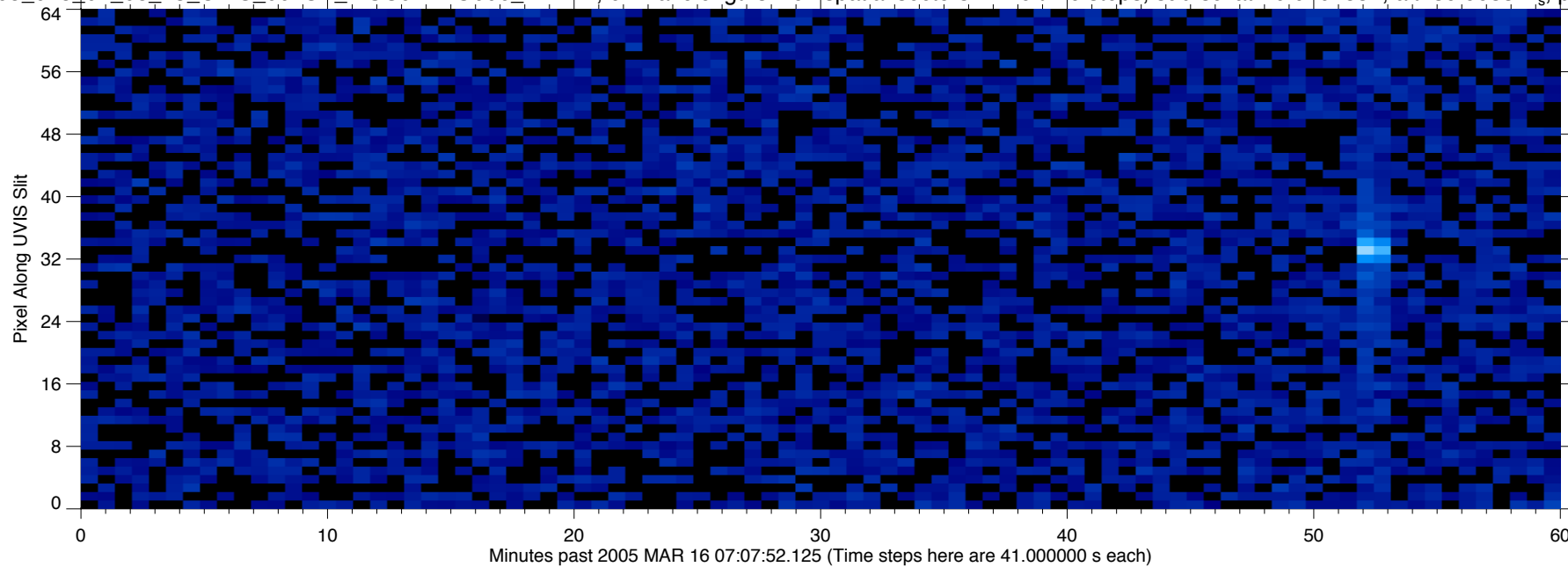
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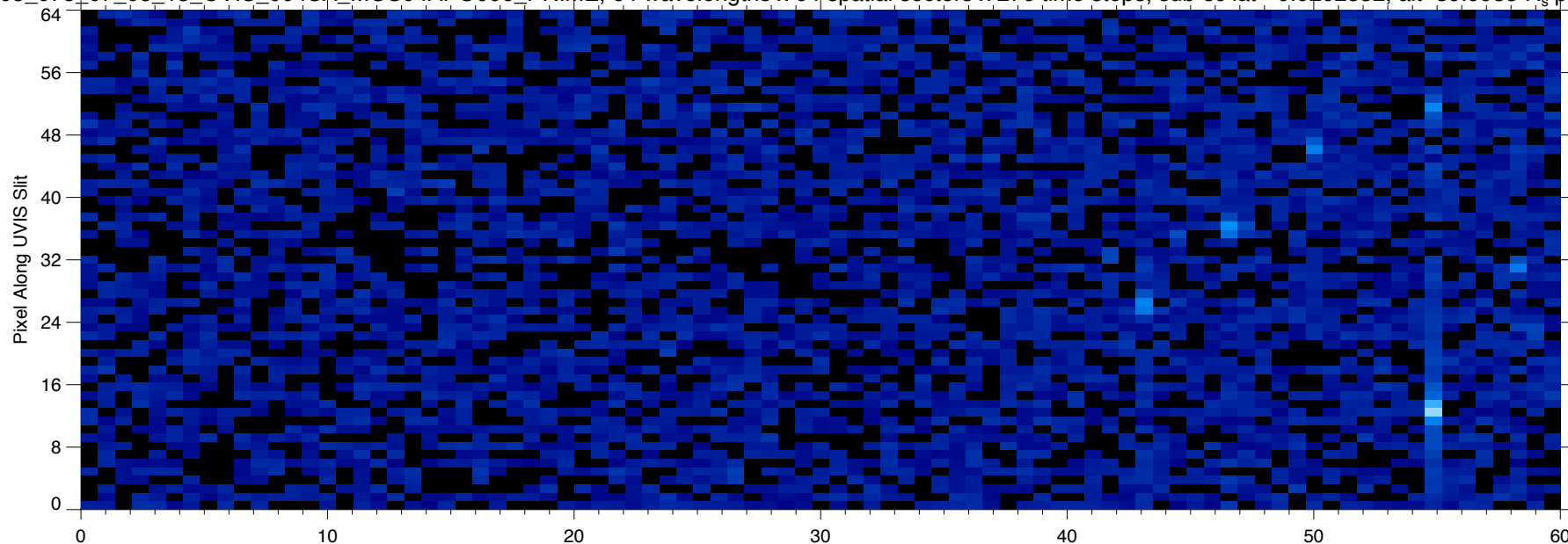
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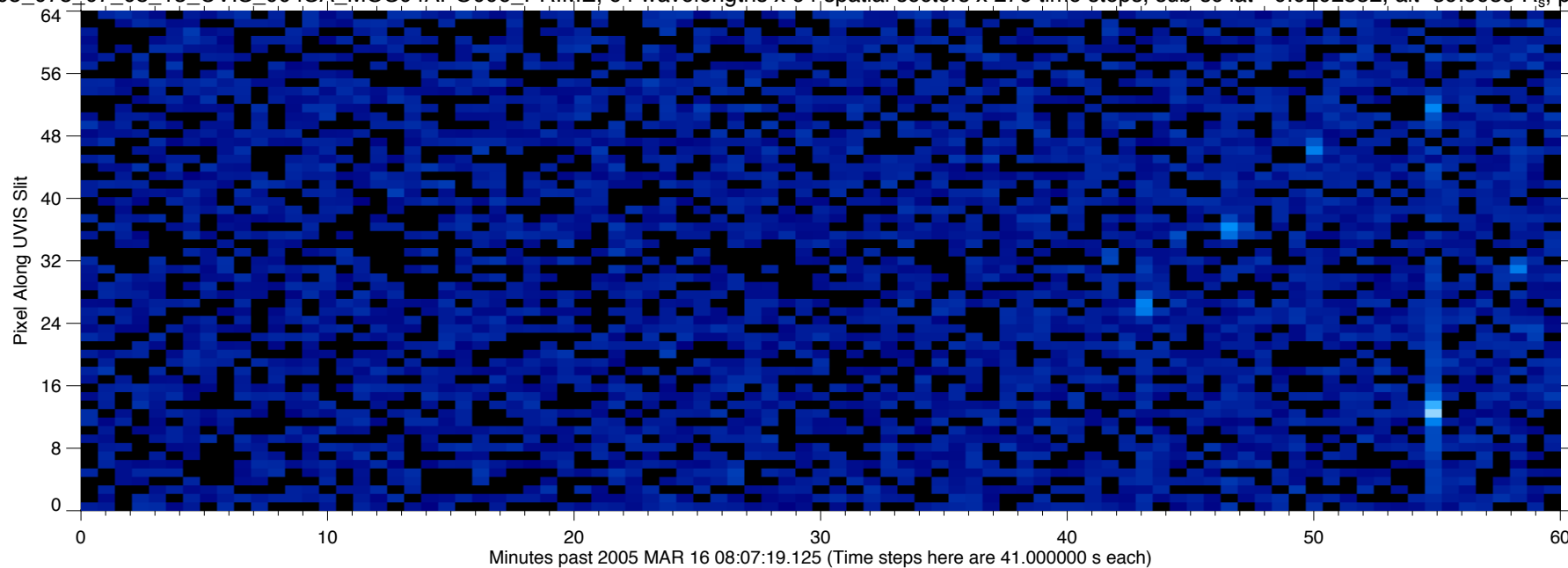
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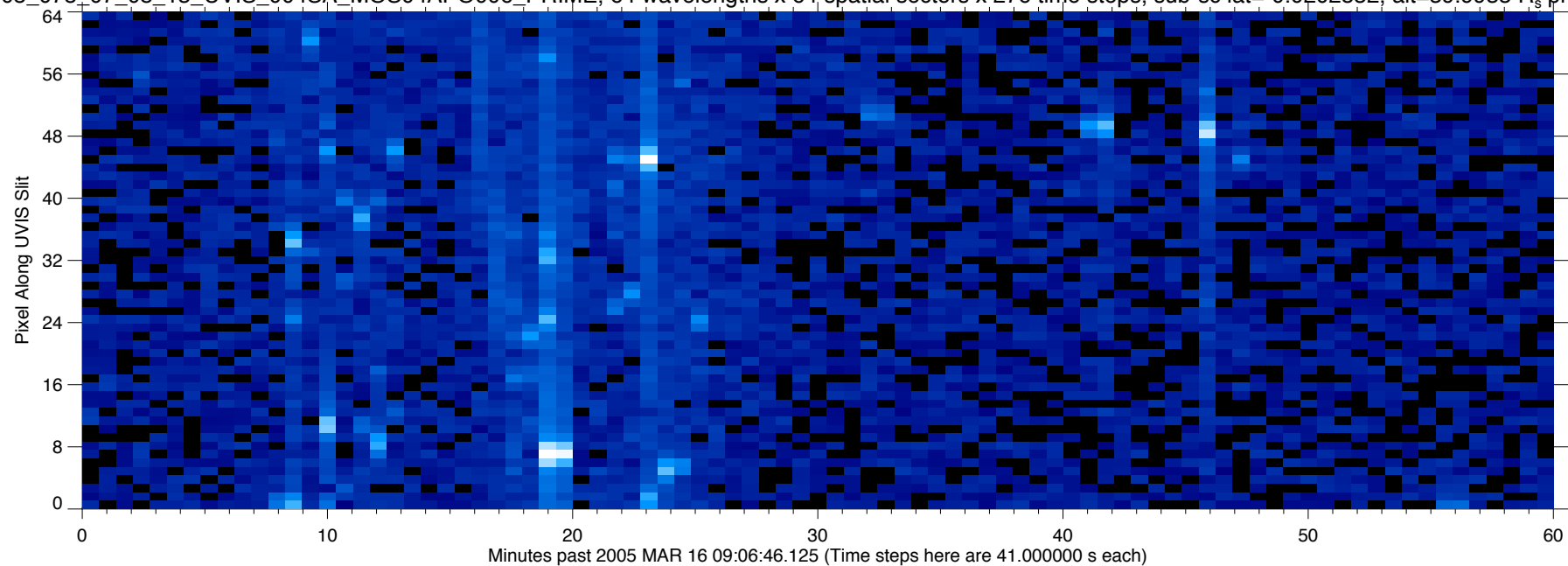
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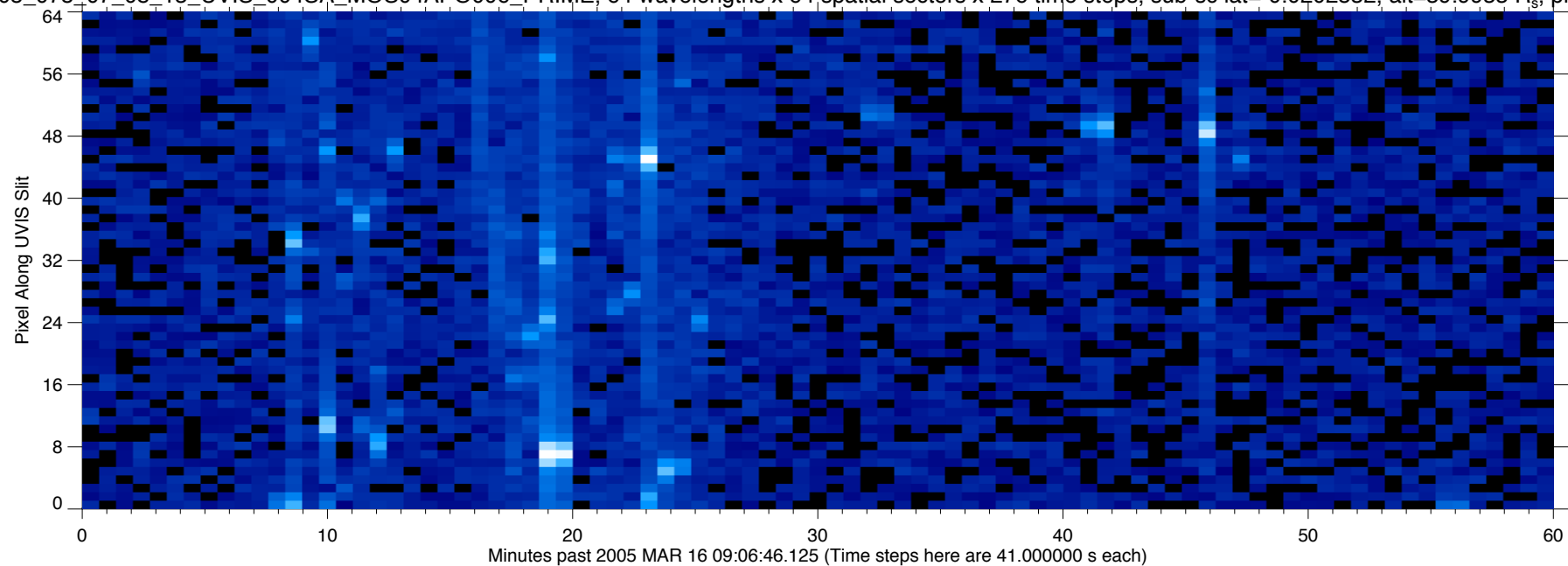
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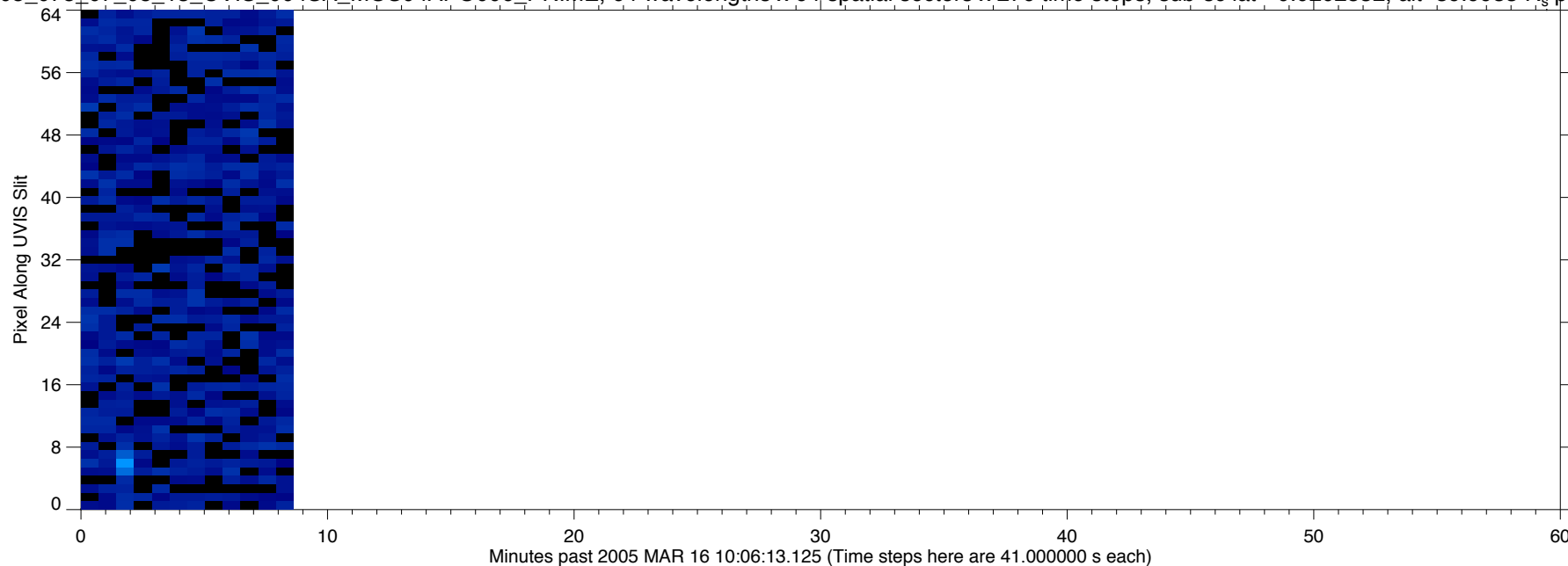
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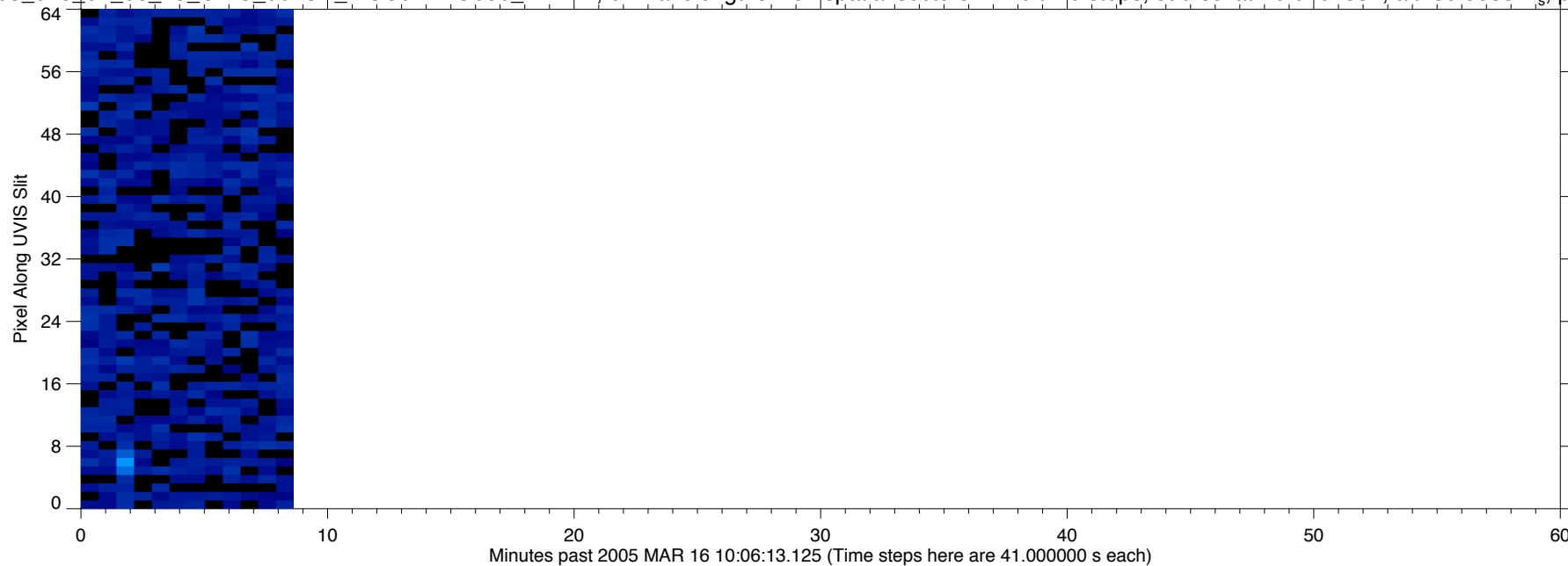
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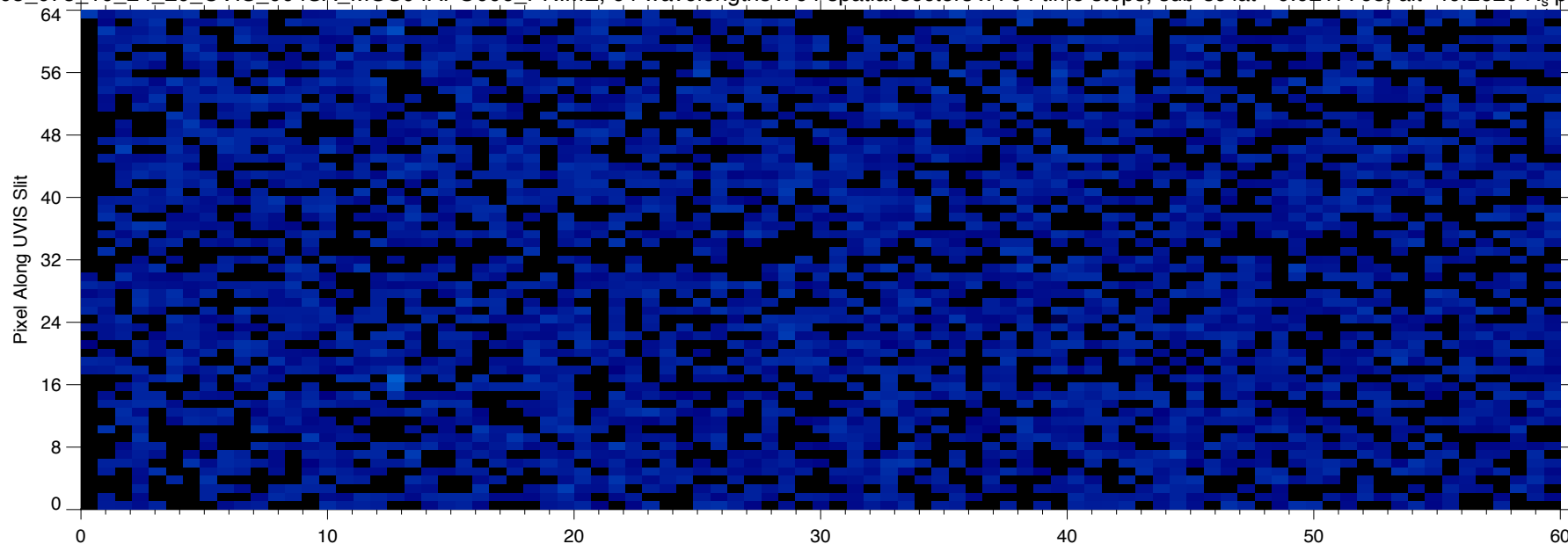
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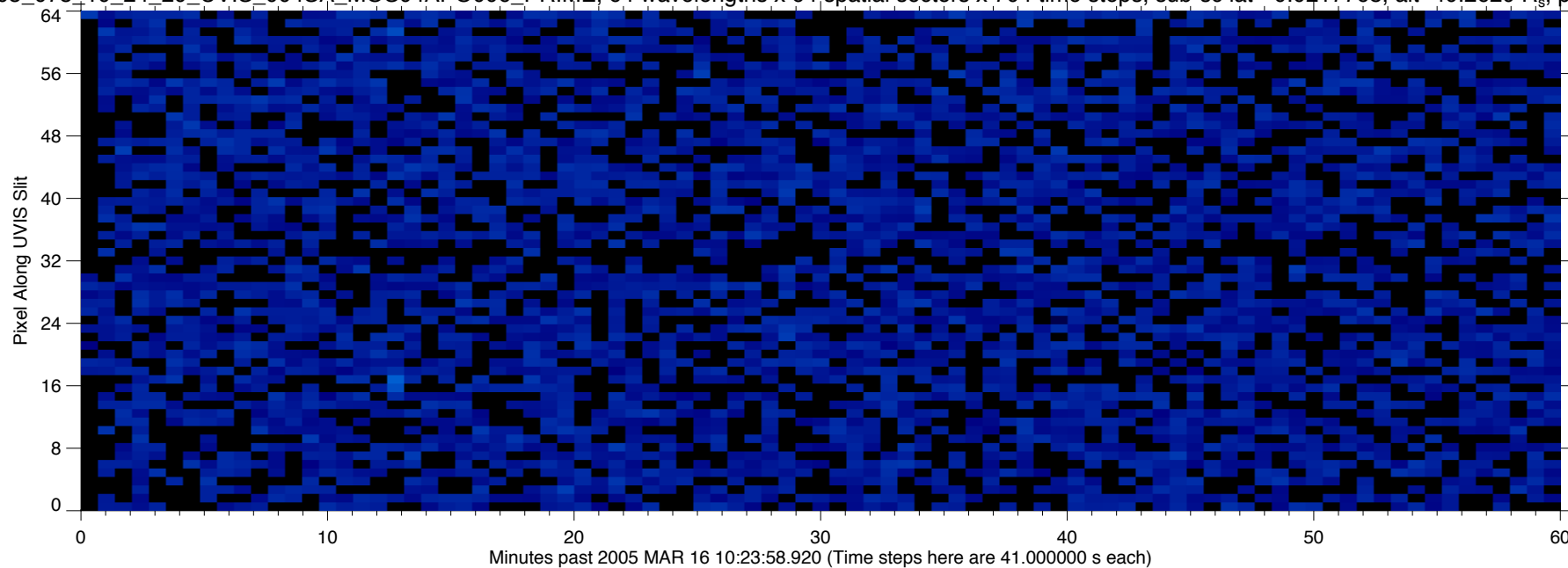
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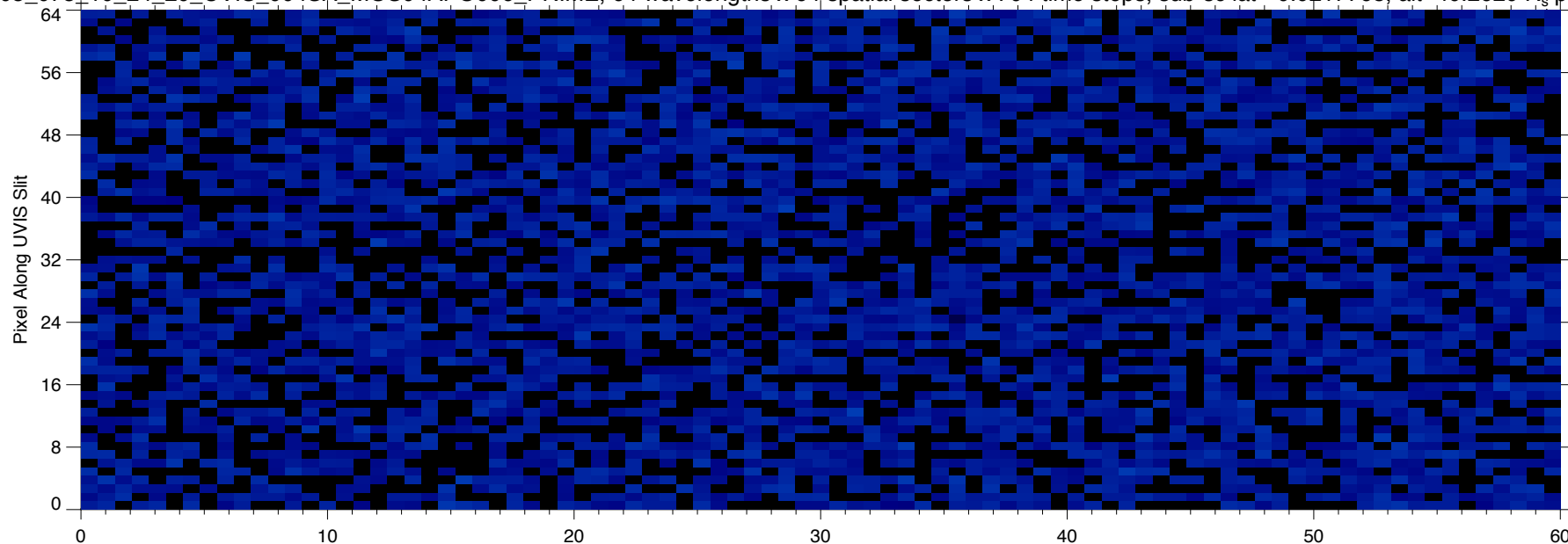
FUV2005_075_10_24_20_UVIS_004SA_MOS04APO006_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.0217768, alt=40.2620 R_s, phase=73.7608



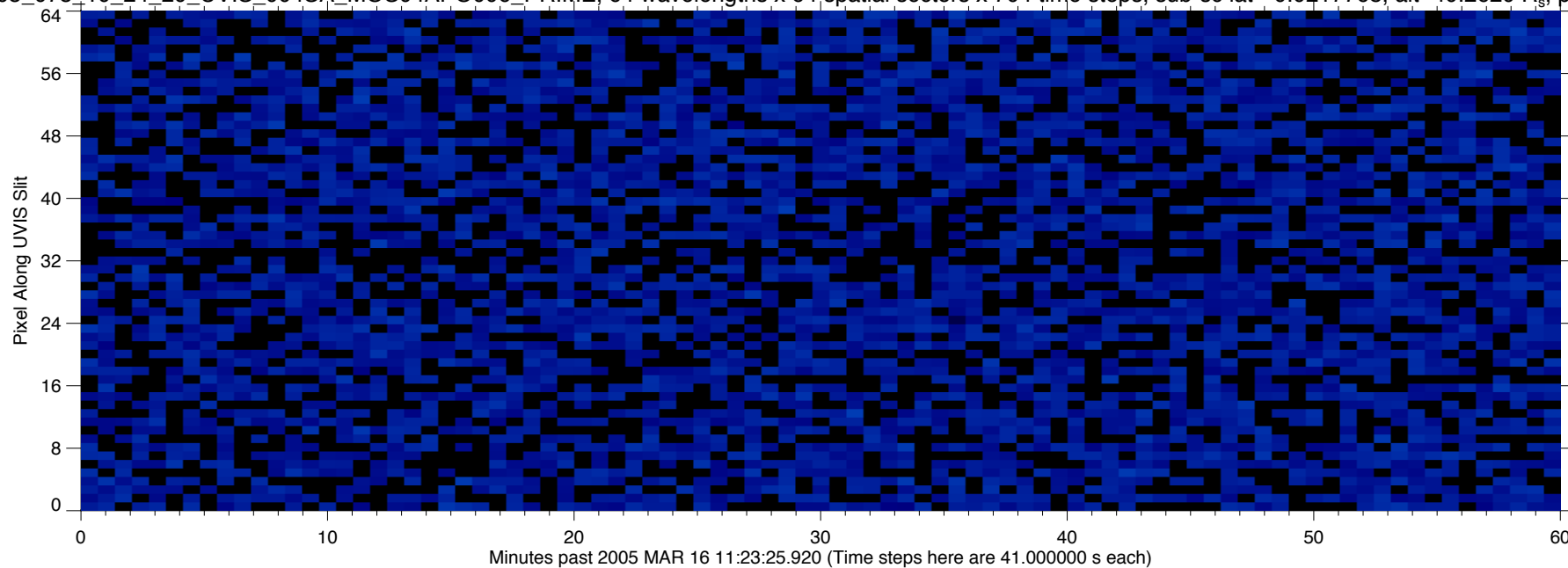
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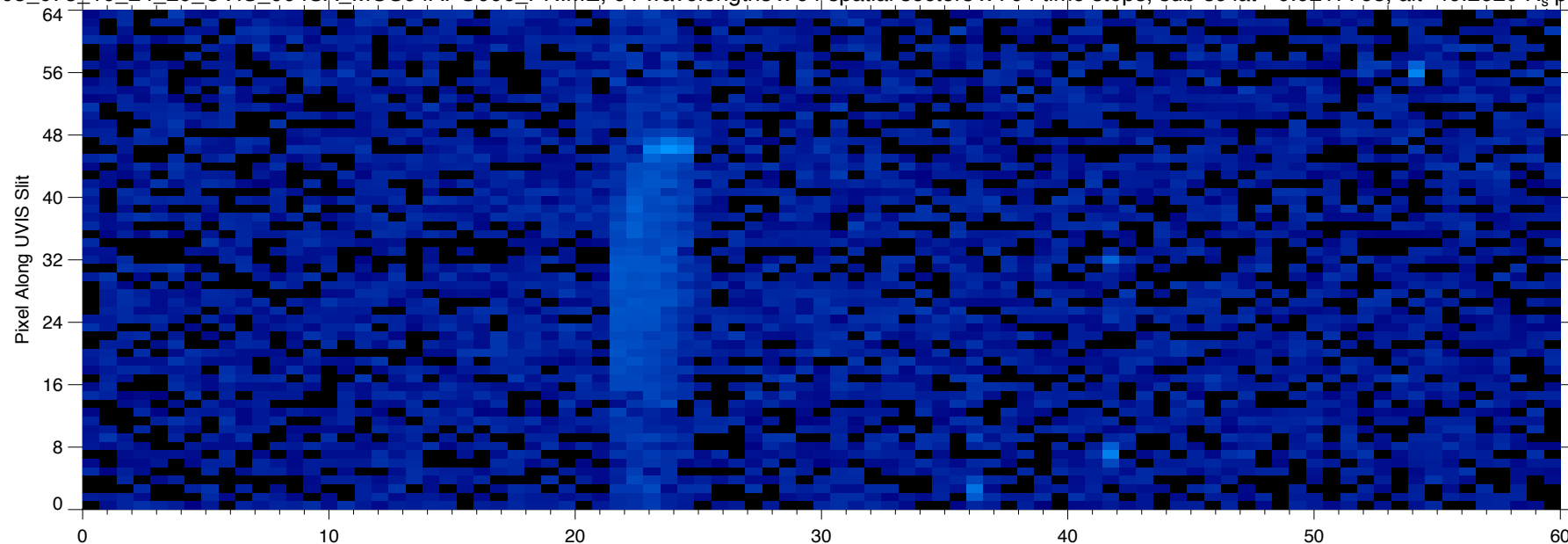
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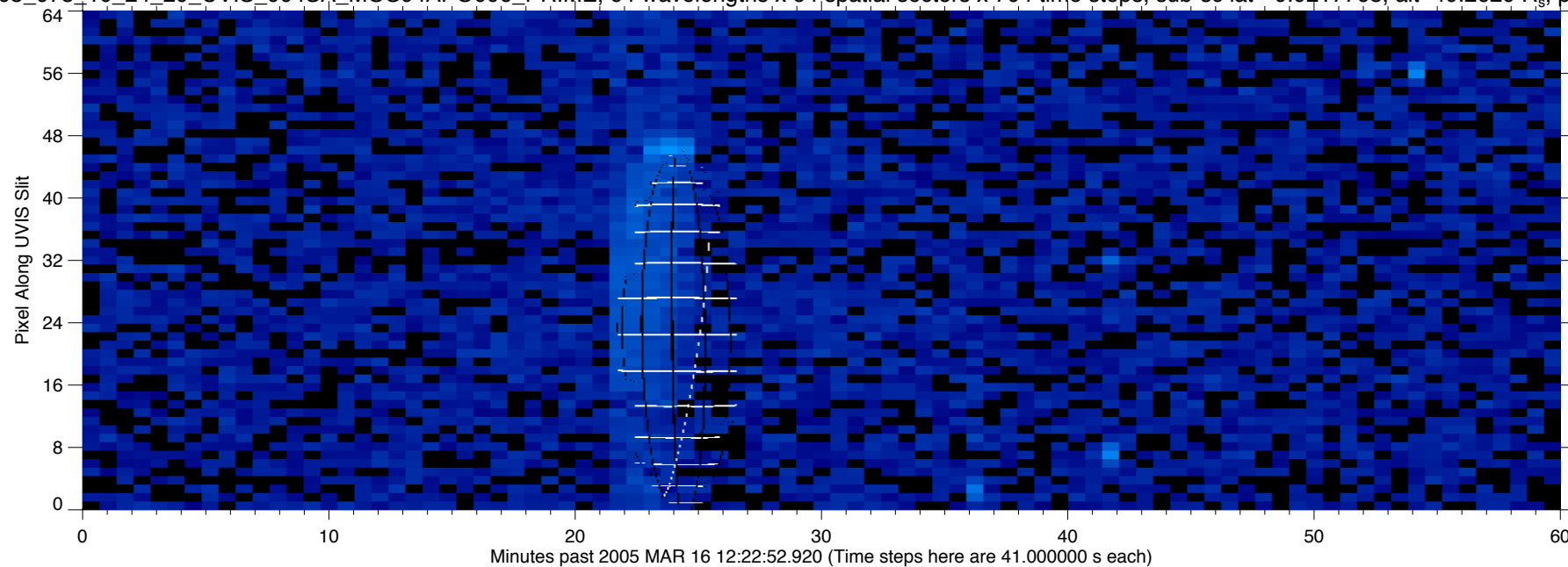
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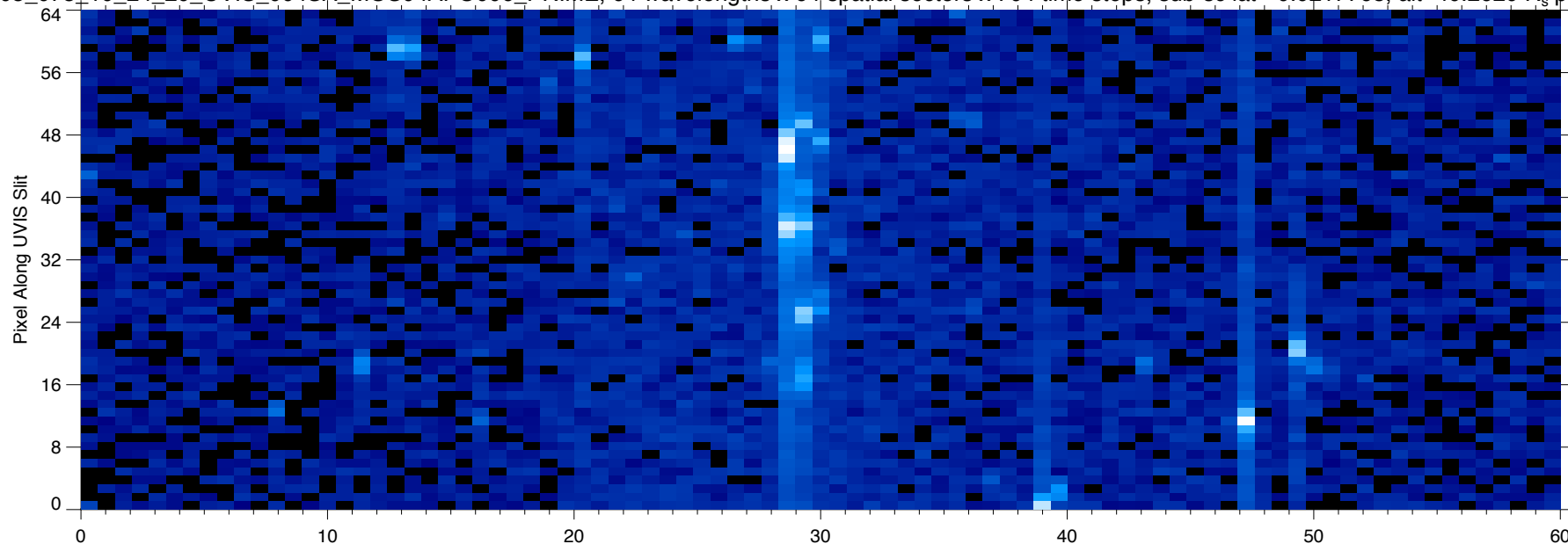
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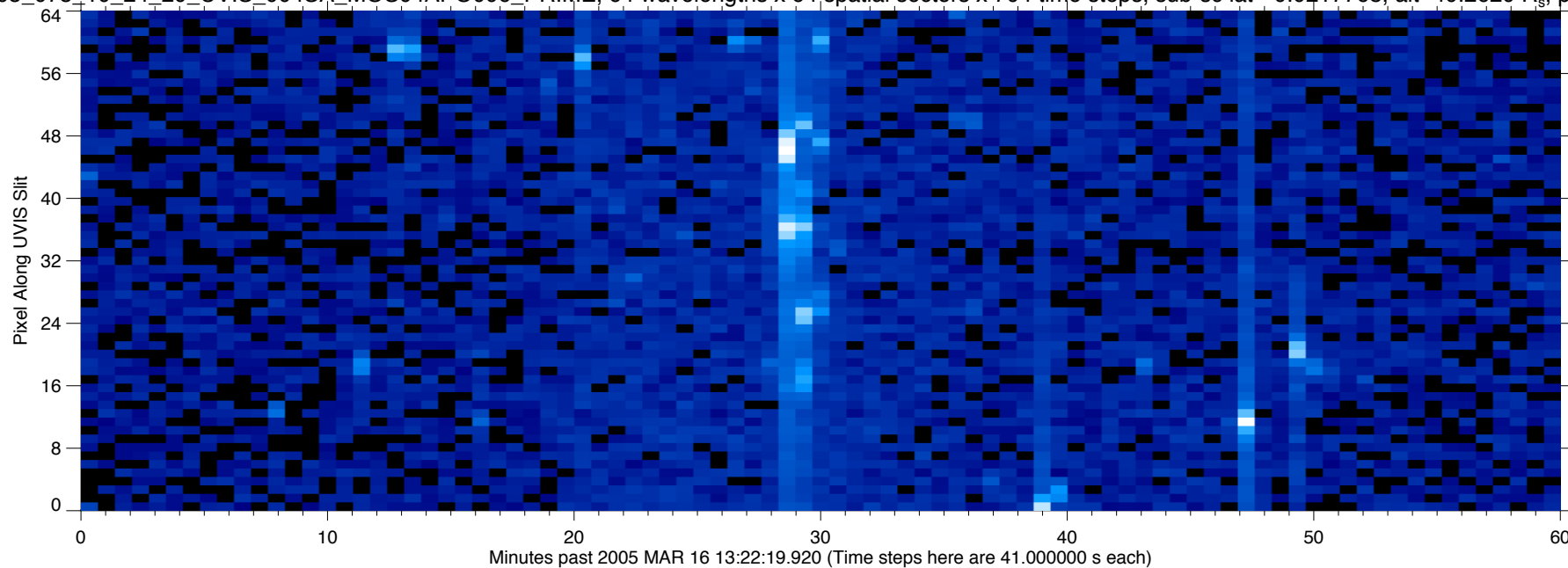
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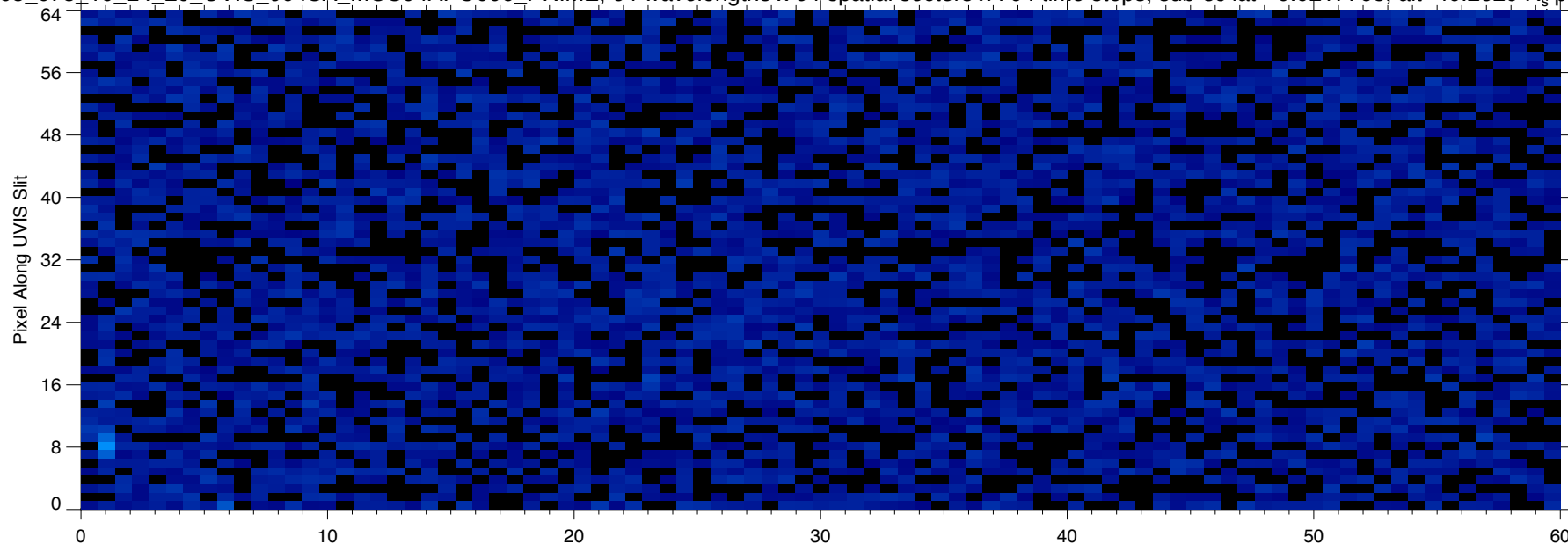
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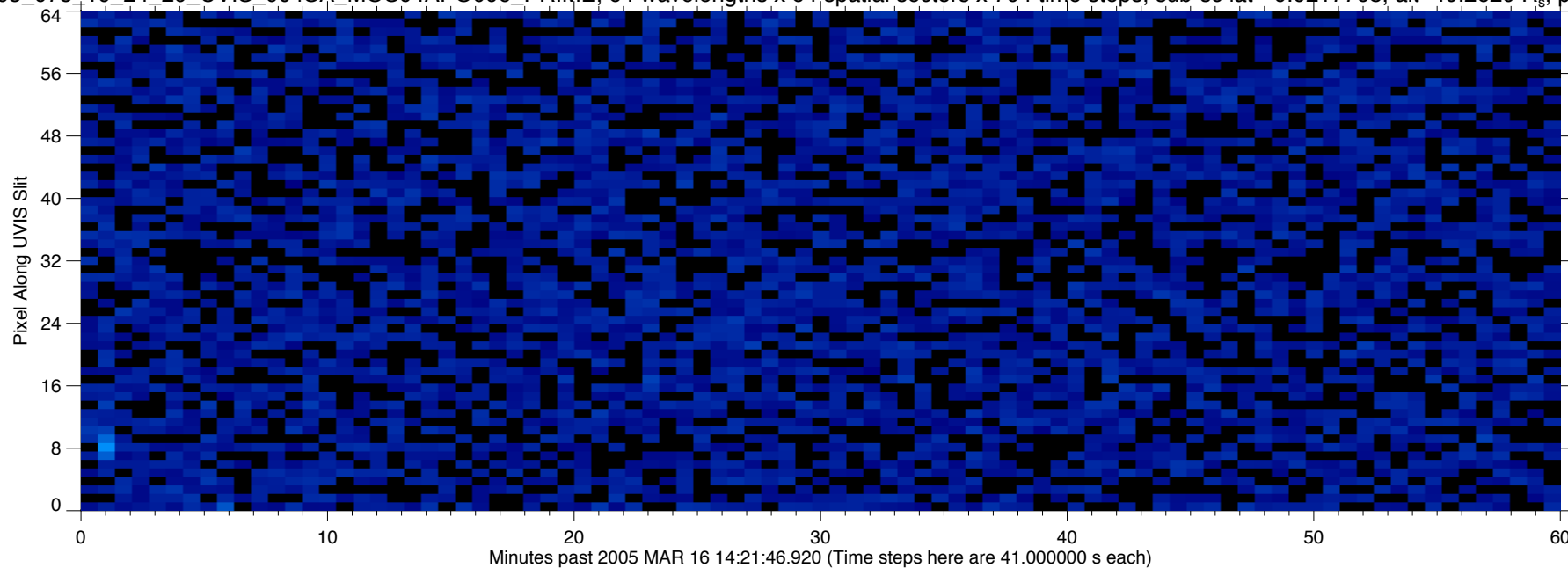
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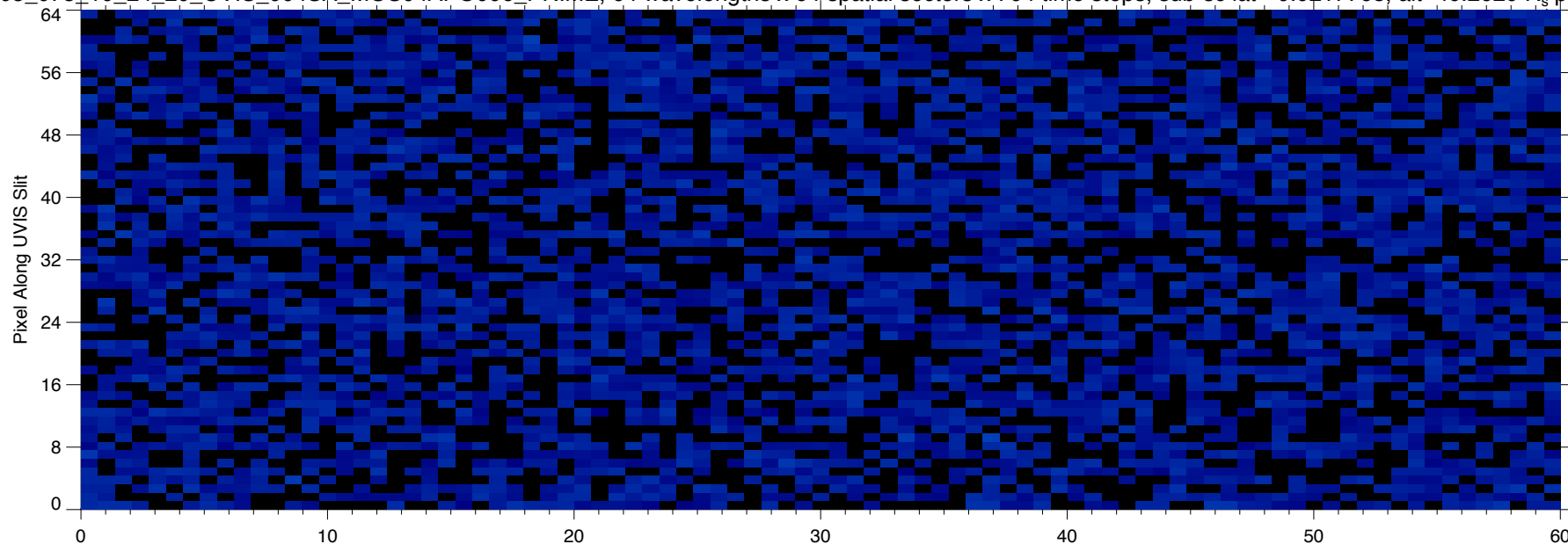
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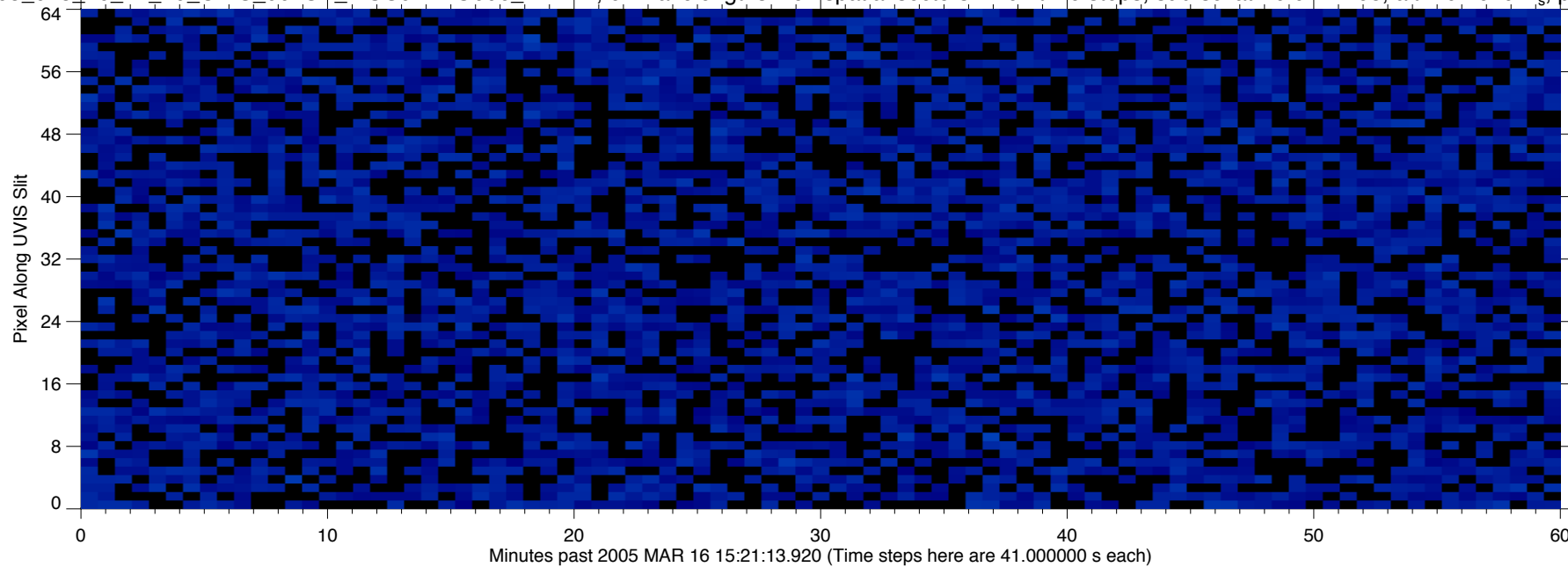
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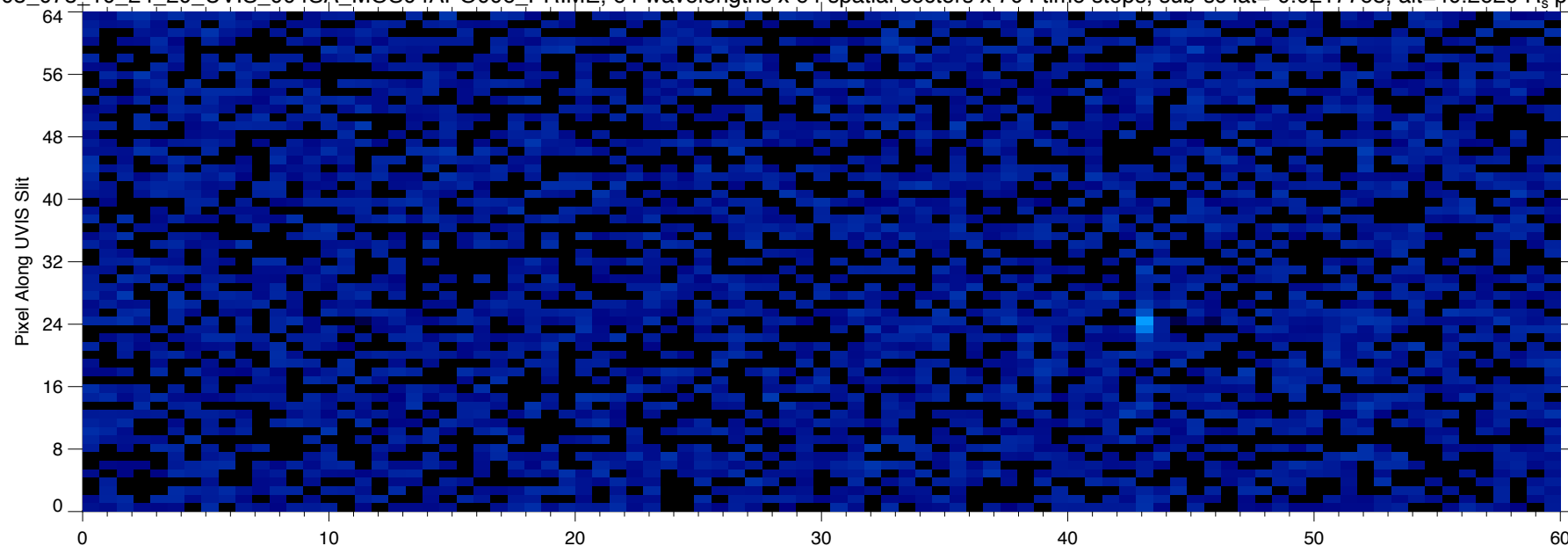
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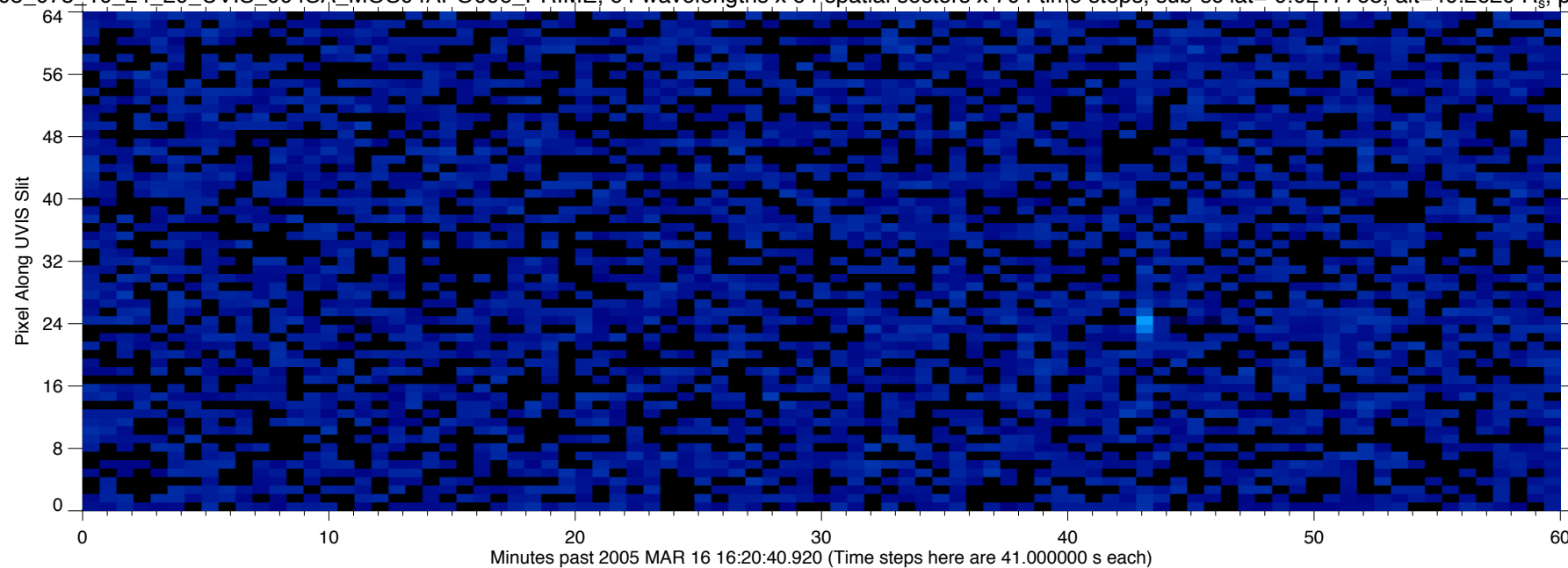
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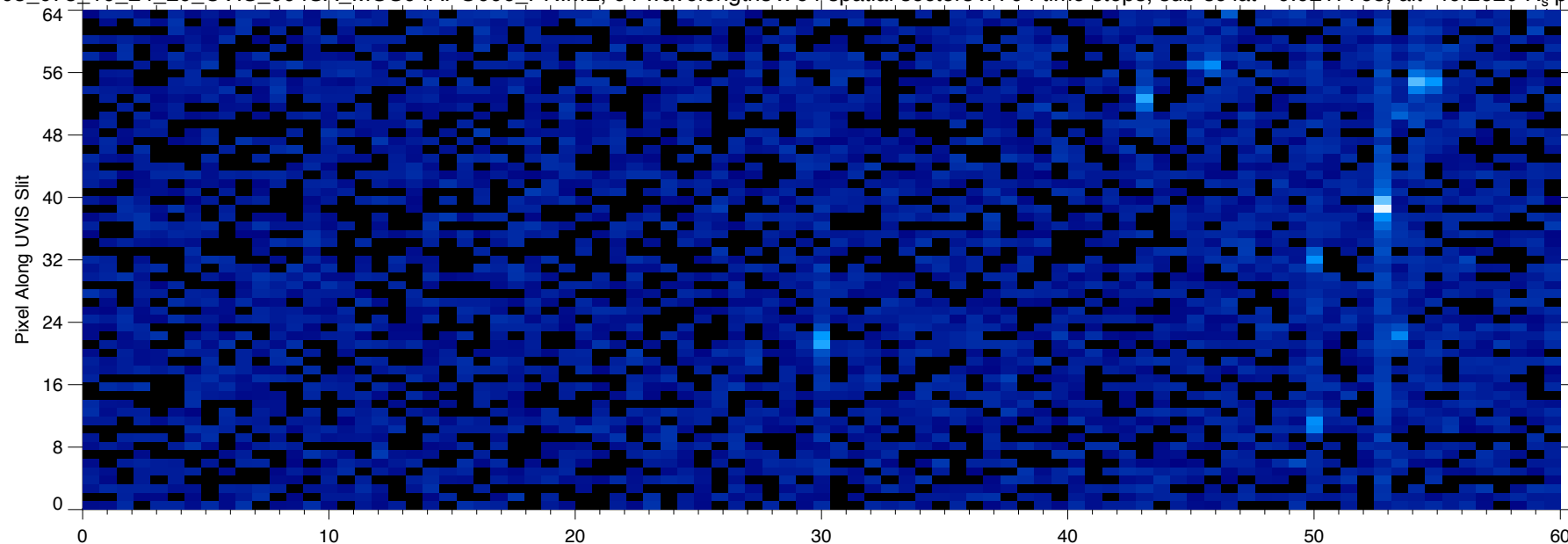
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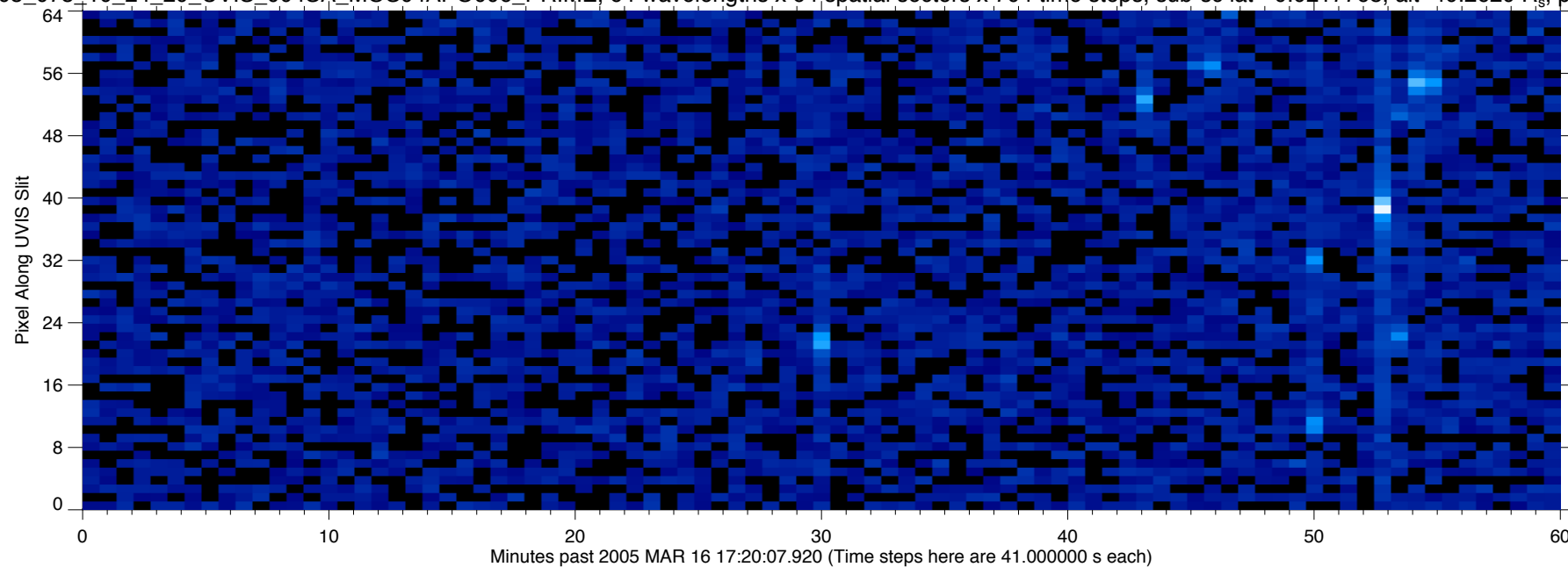
FUV2005_075_10_24_20_UVIS_004SA_MOS04APO006_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.0217768, alt=40.2620 R_s, phase=73.7608



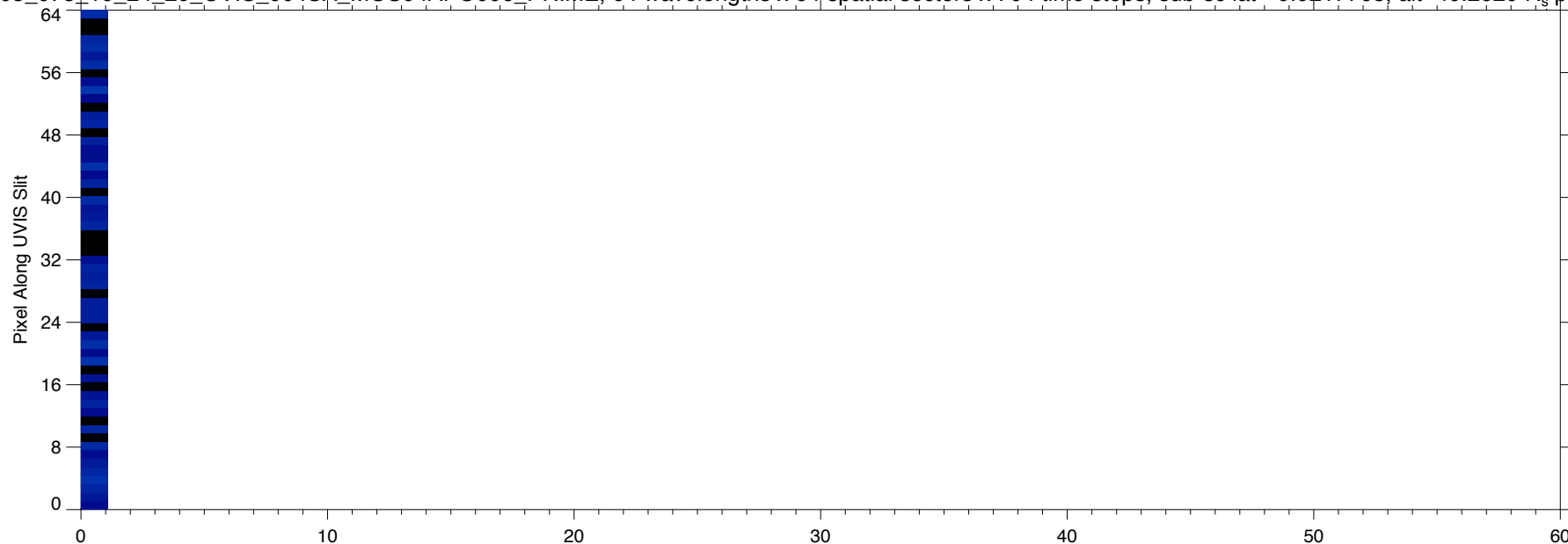
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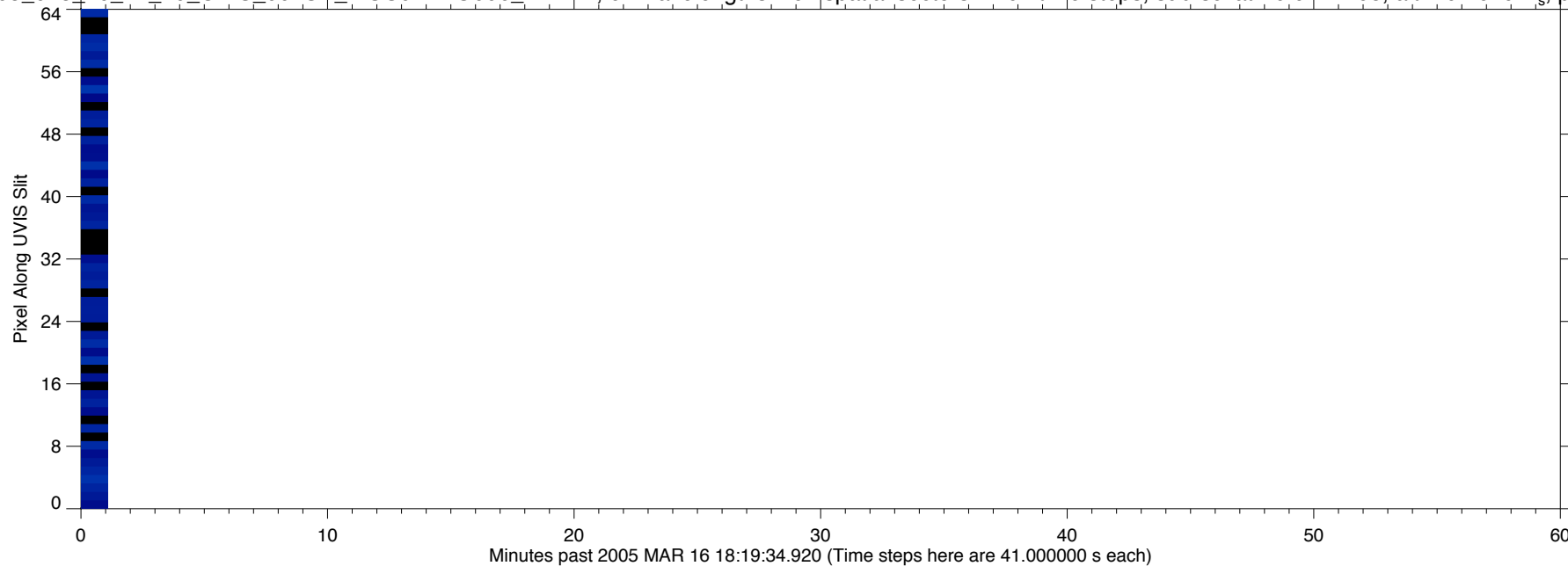
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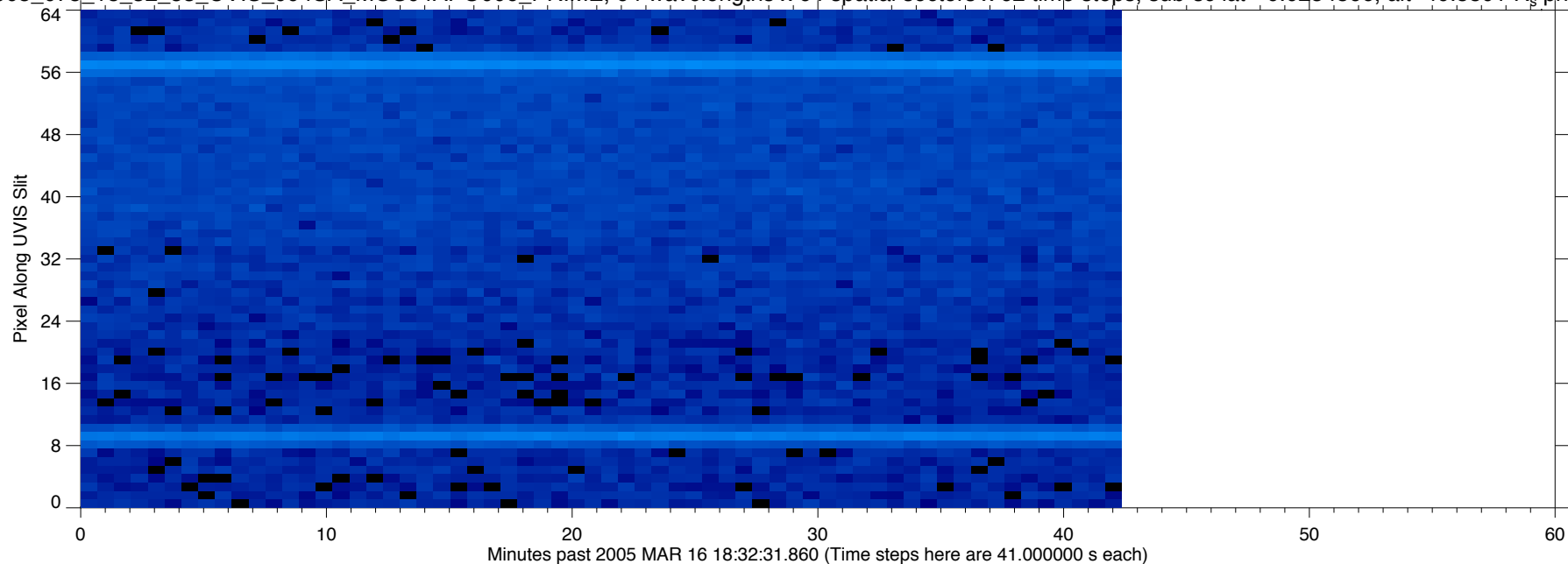
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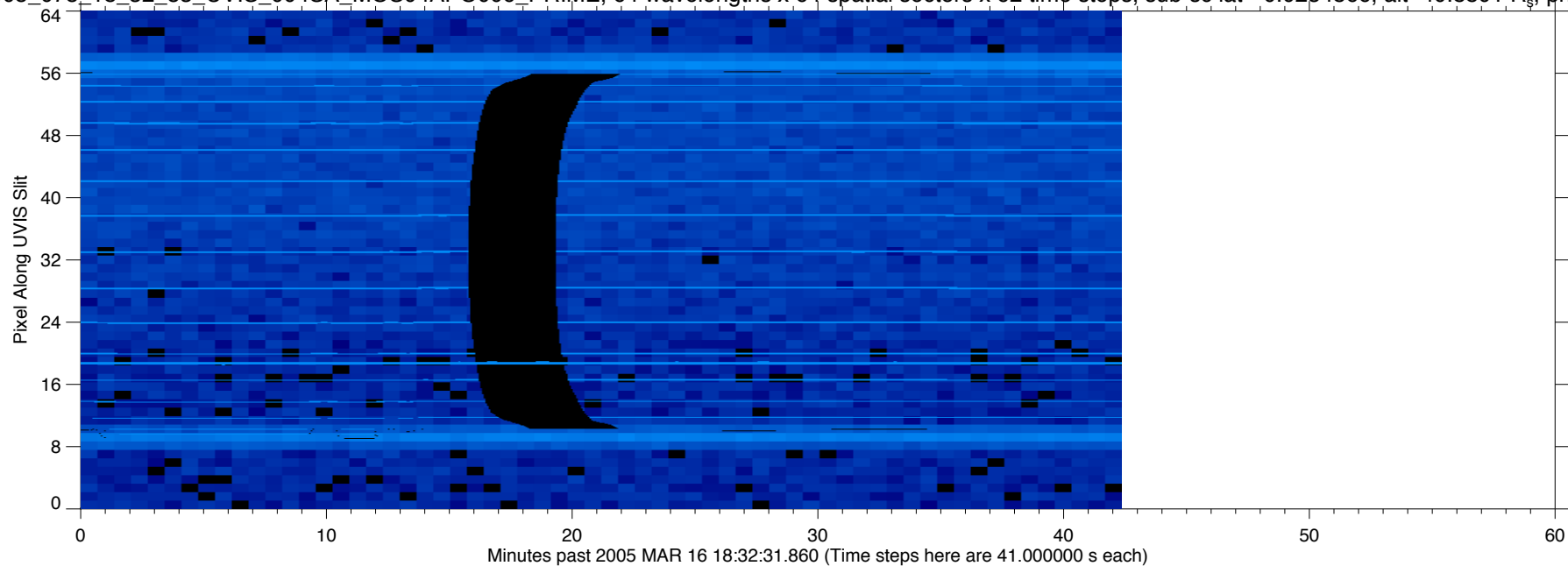
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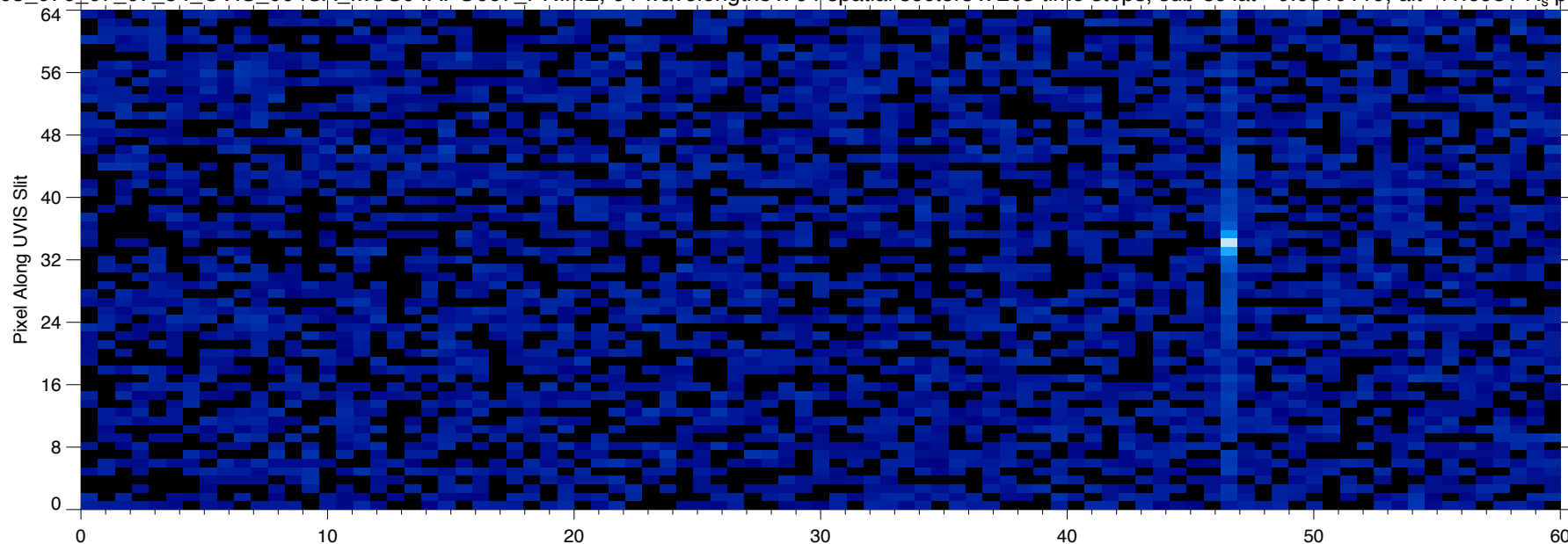
FUV2005_075_18_32_53_UVIS_004SA_MOS04APO006_PRIME, 64 wavelengths x 64 spatial sectors x 62 time steps, sub-sc lat=-0.0254866, alt=40.8801 R_s phase=72.8258



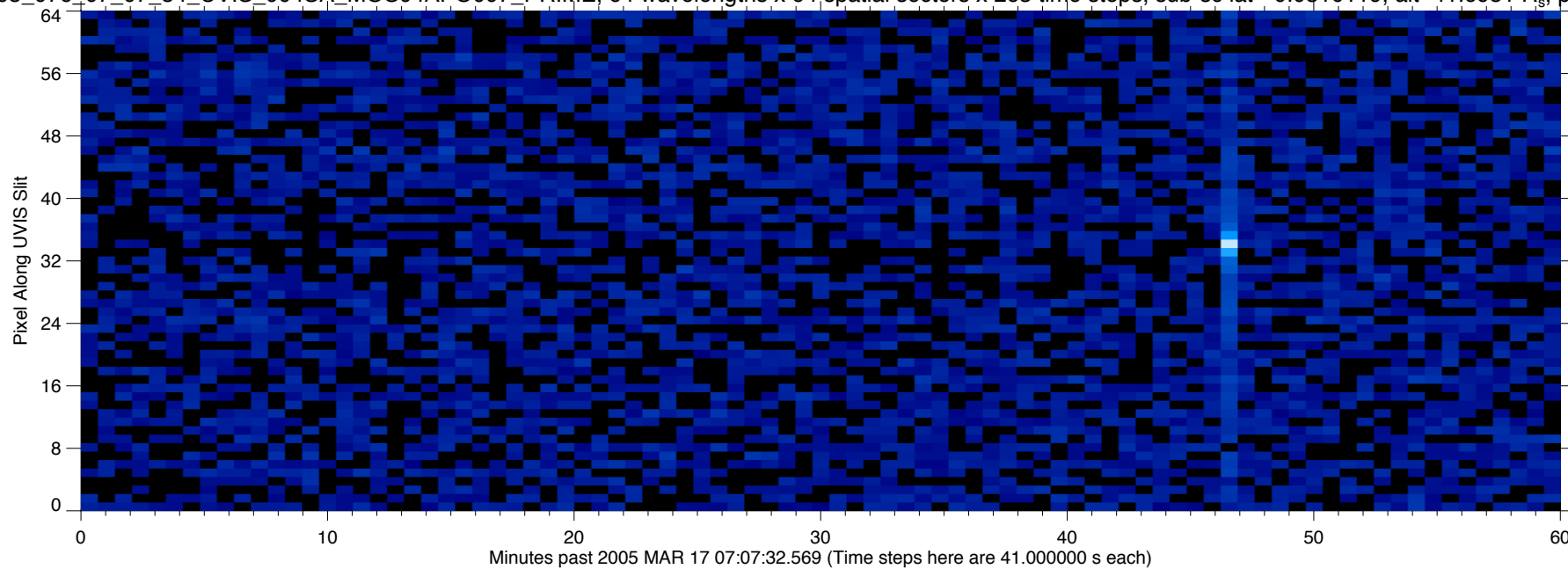
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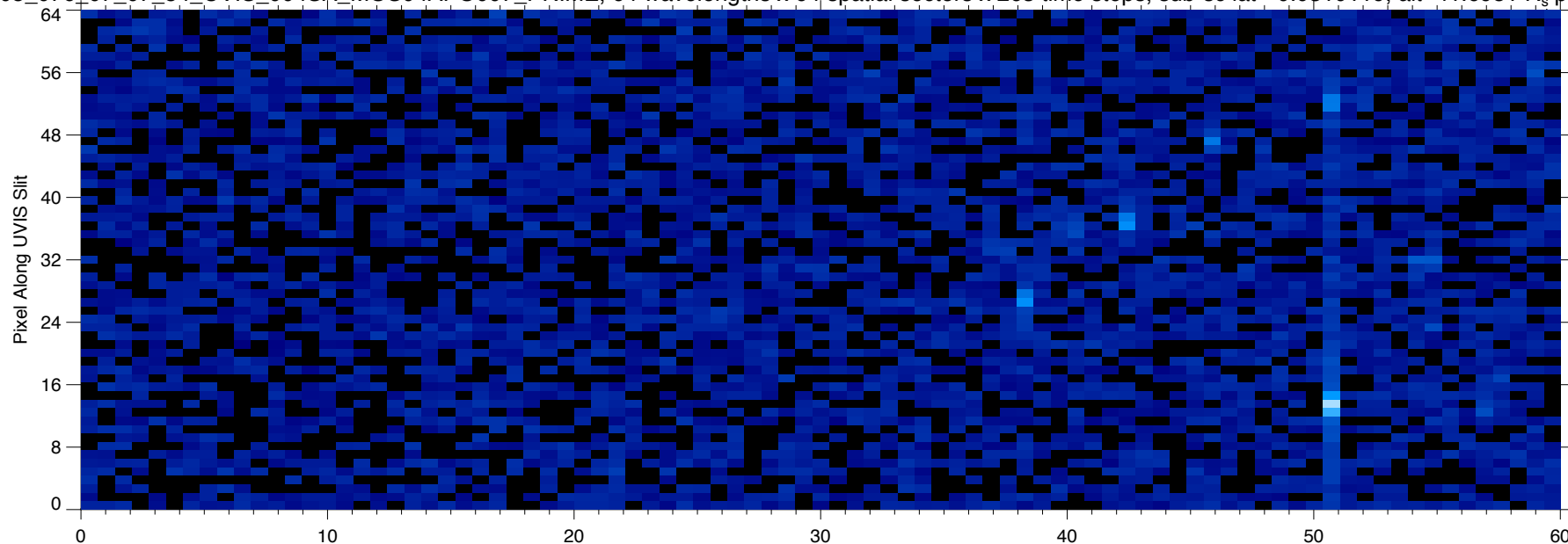
FUV2005_076_07_07_54_UVIS_004SA_MOS04APO007_PRIME, 64 wavelengths x 64 spatial sectors x 263 time steps, sub-sc lat=-0.0310119, alt=41.6951 R_s phase=71.4320



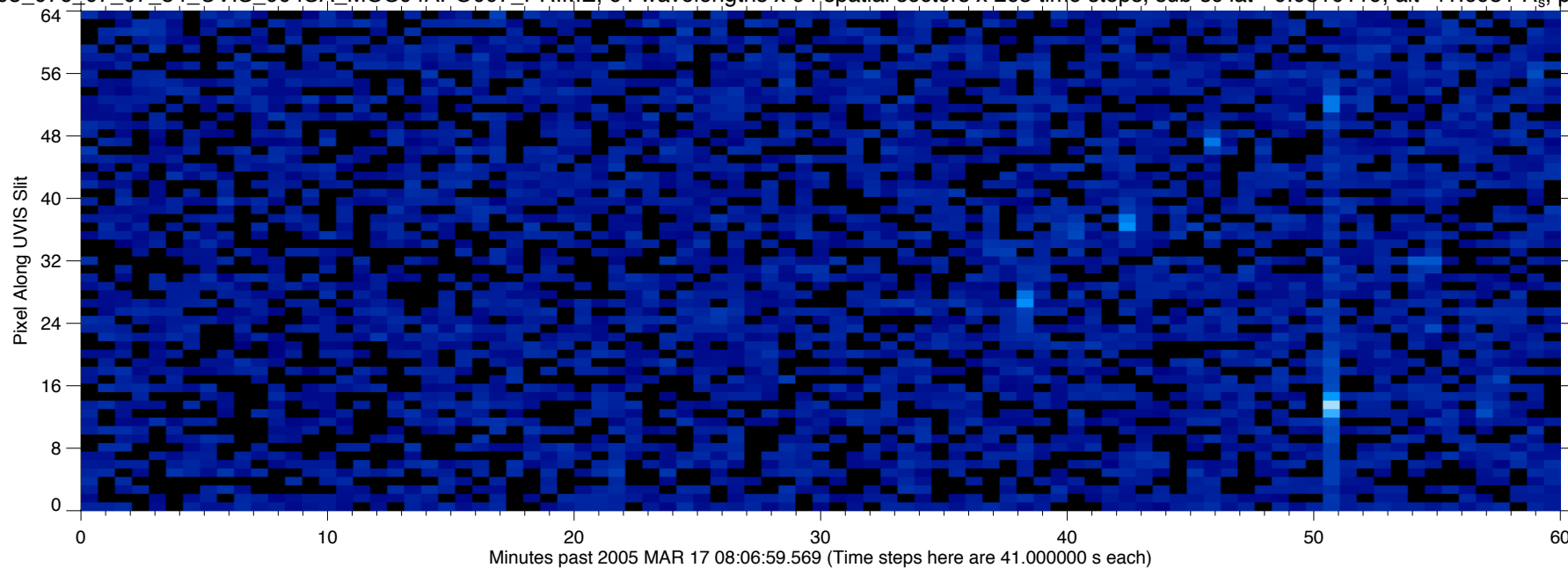
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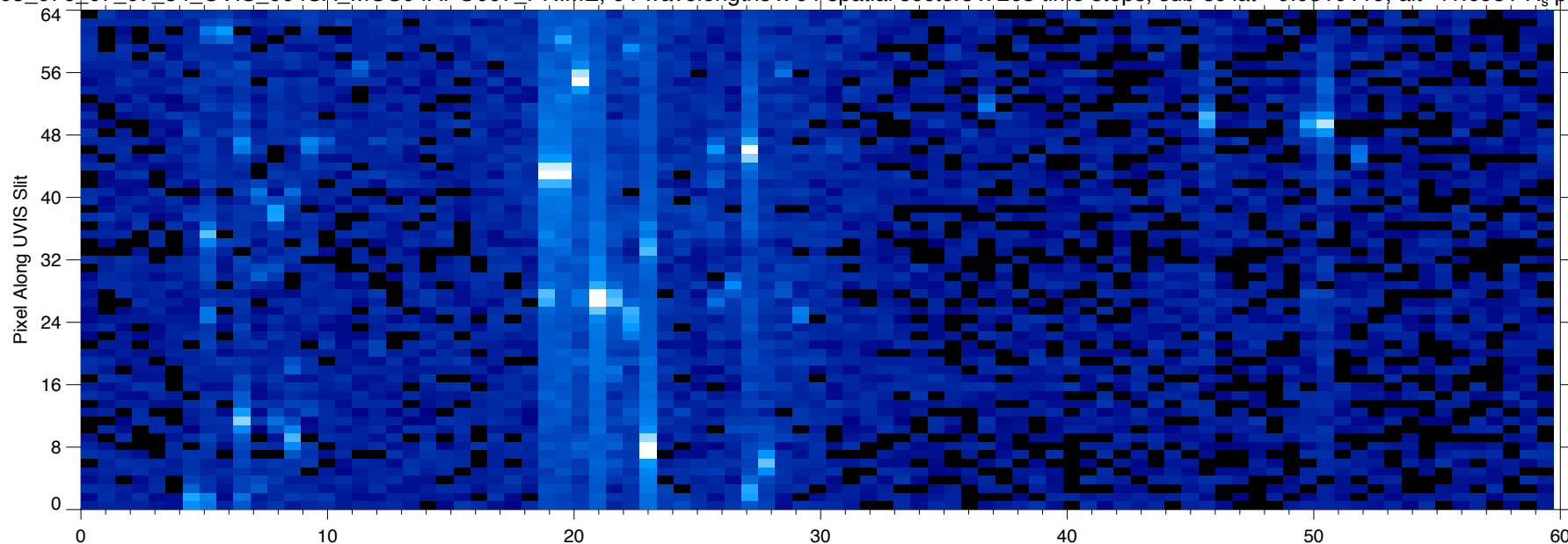
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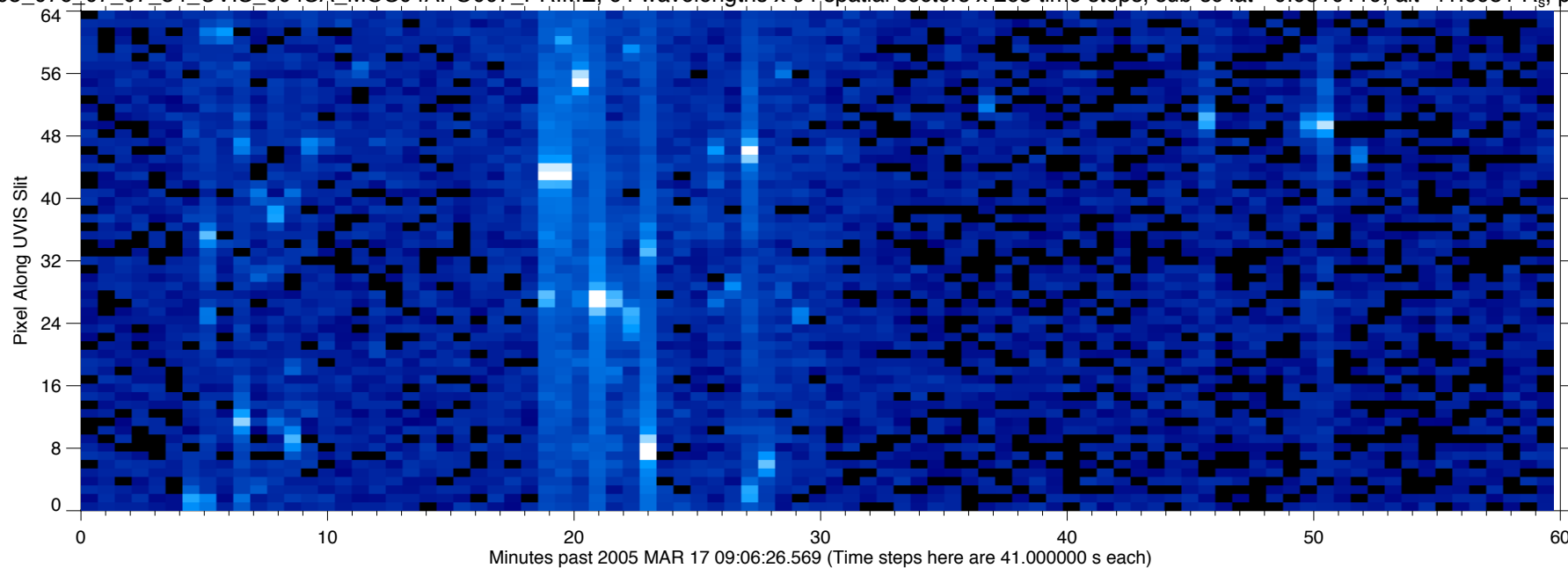
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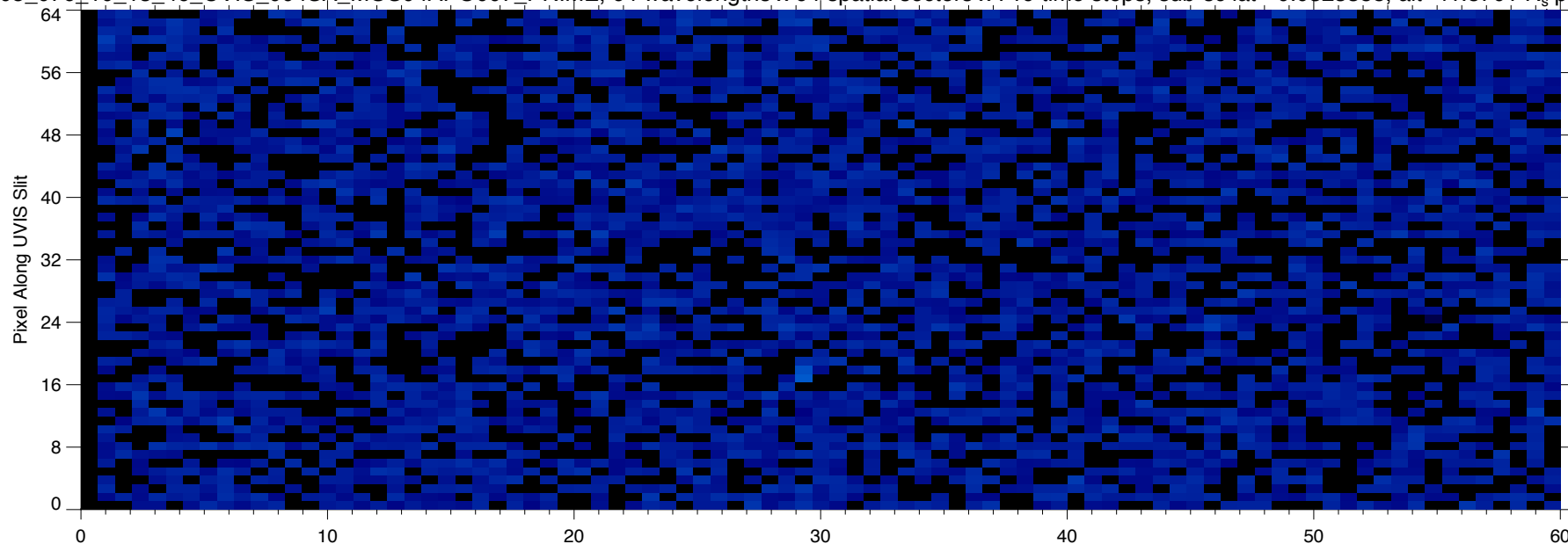
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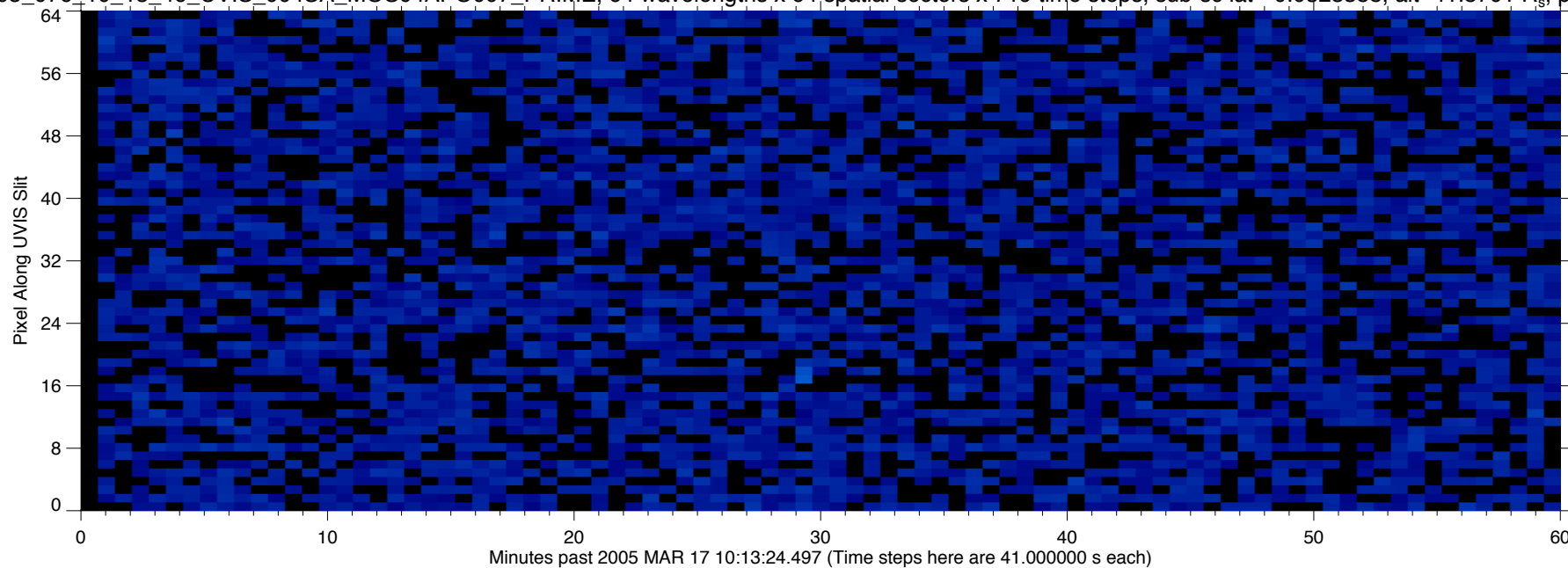
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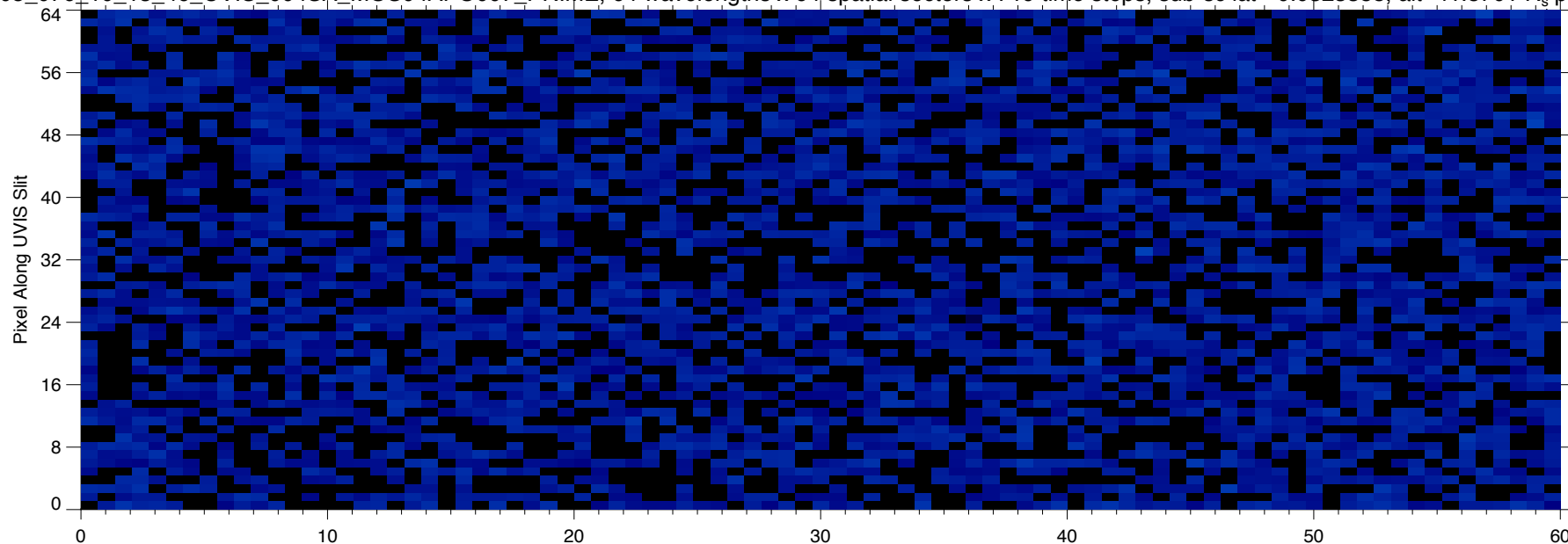
FUV2005_076_10_13_46_UVIS_004SA_MOS04APO007_PRIME, 64 wavelengths x 64 spatial sectors x 719 time steps, sub-sc lat=-0.0323388, alt=41.8701 R_s, phase=71.0970



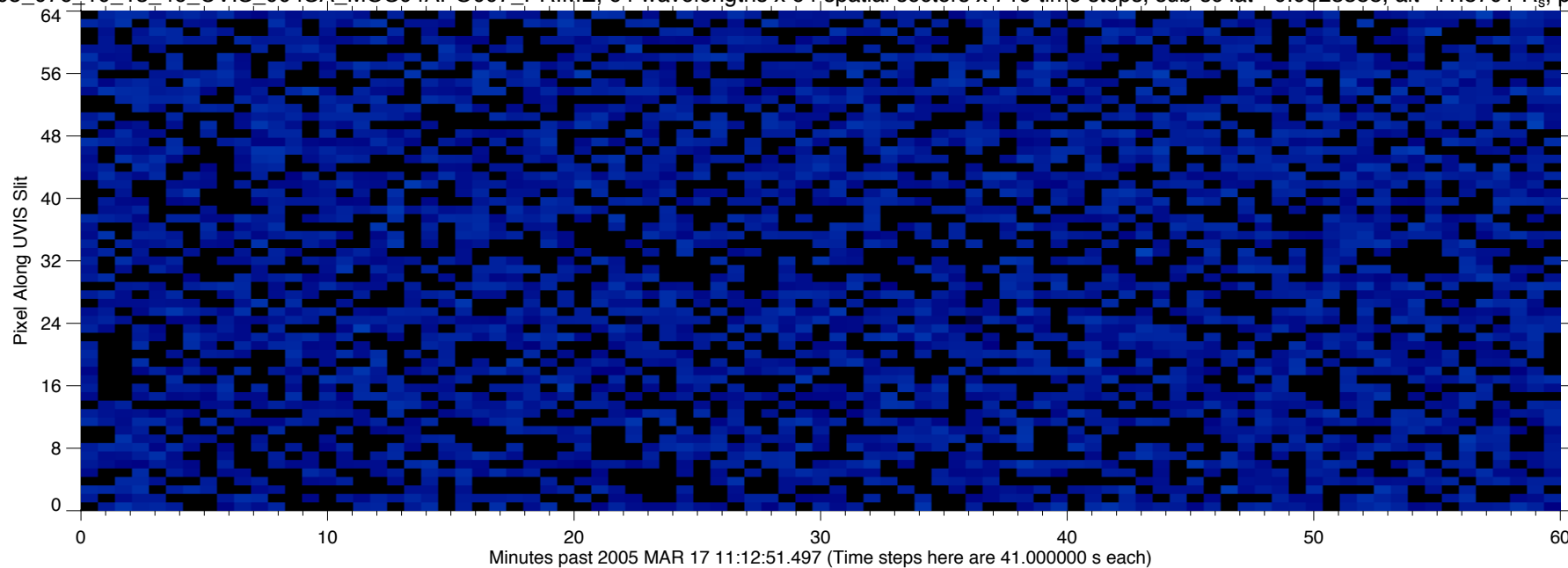
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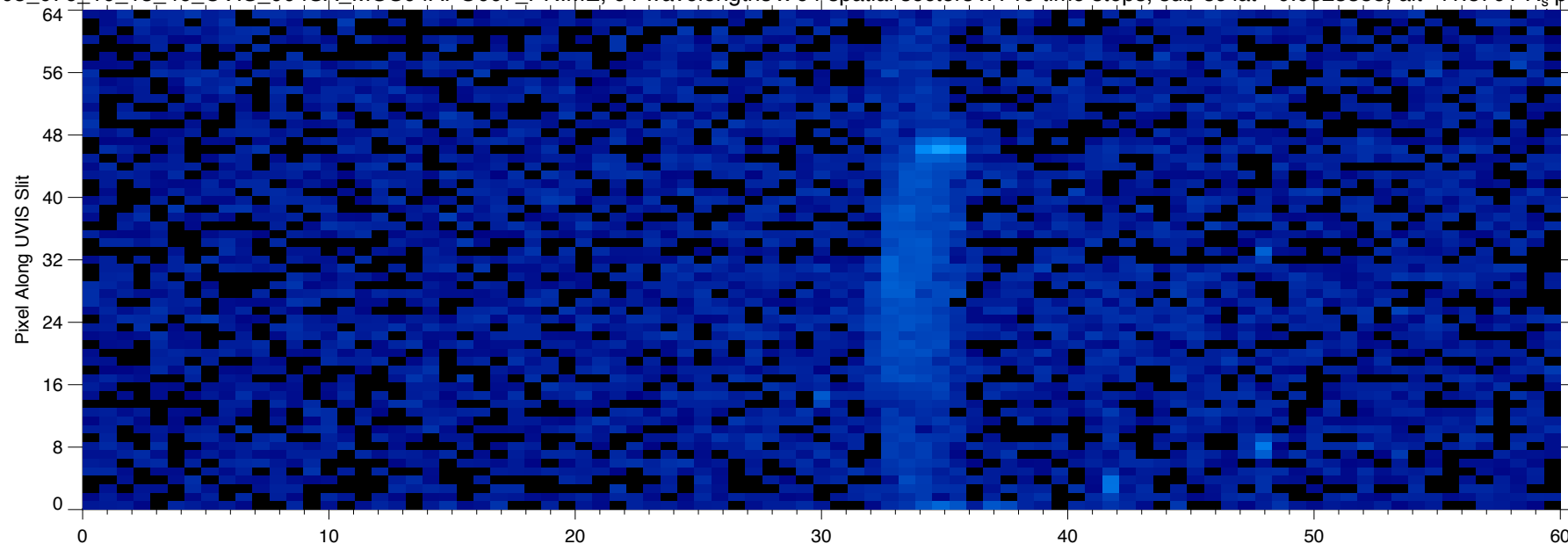
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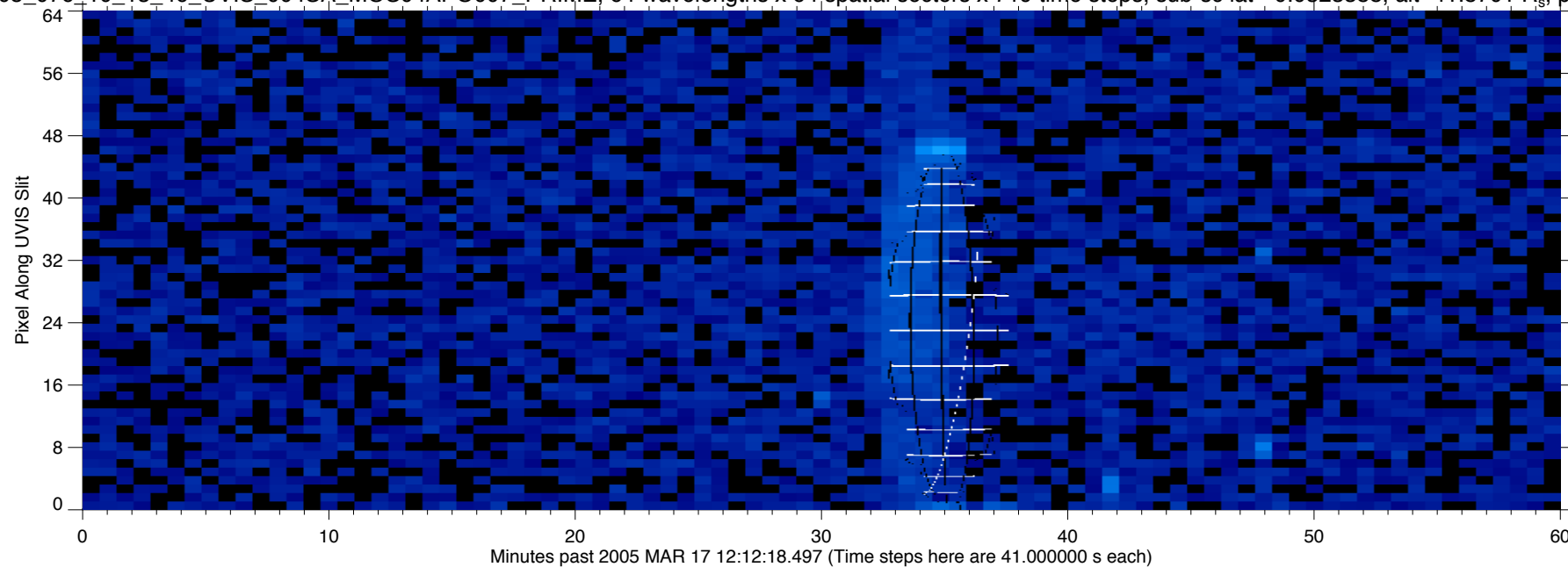
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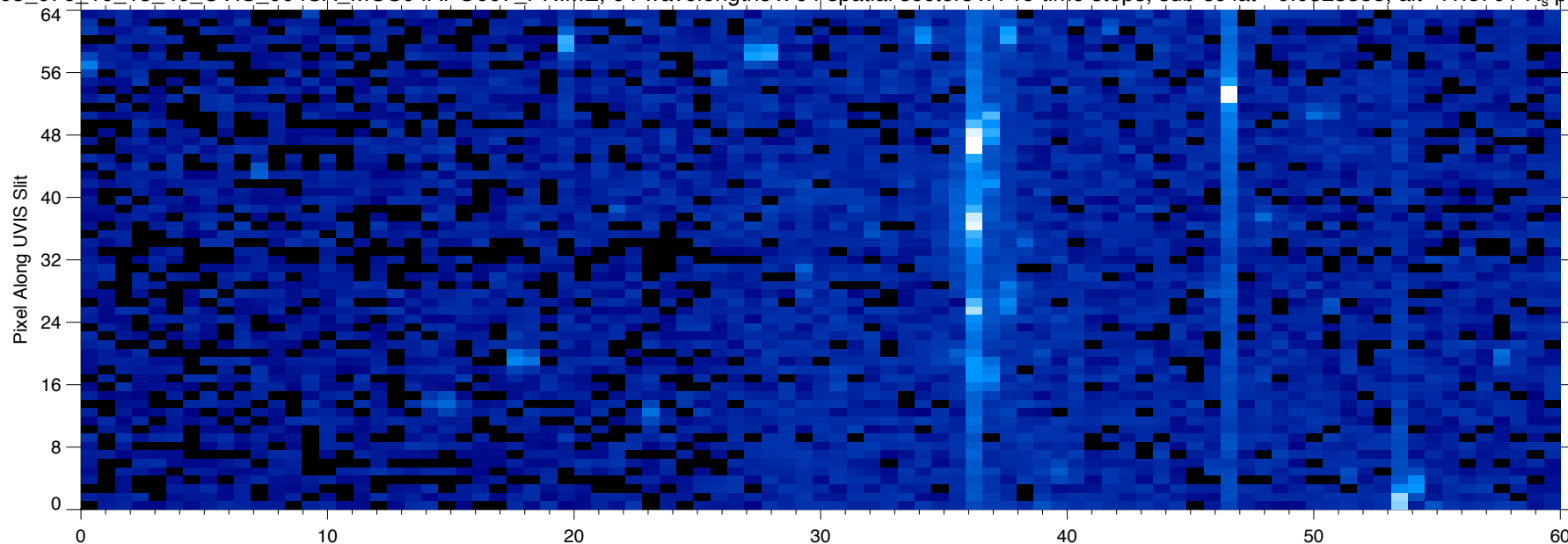
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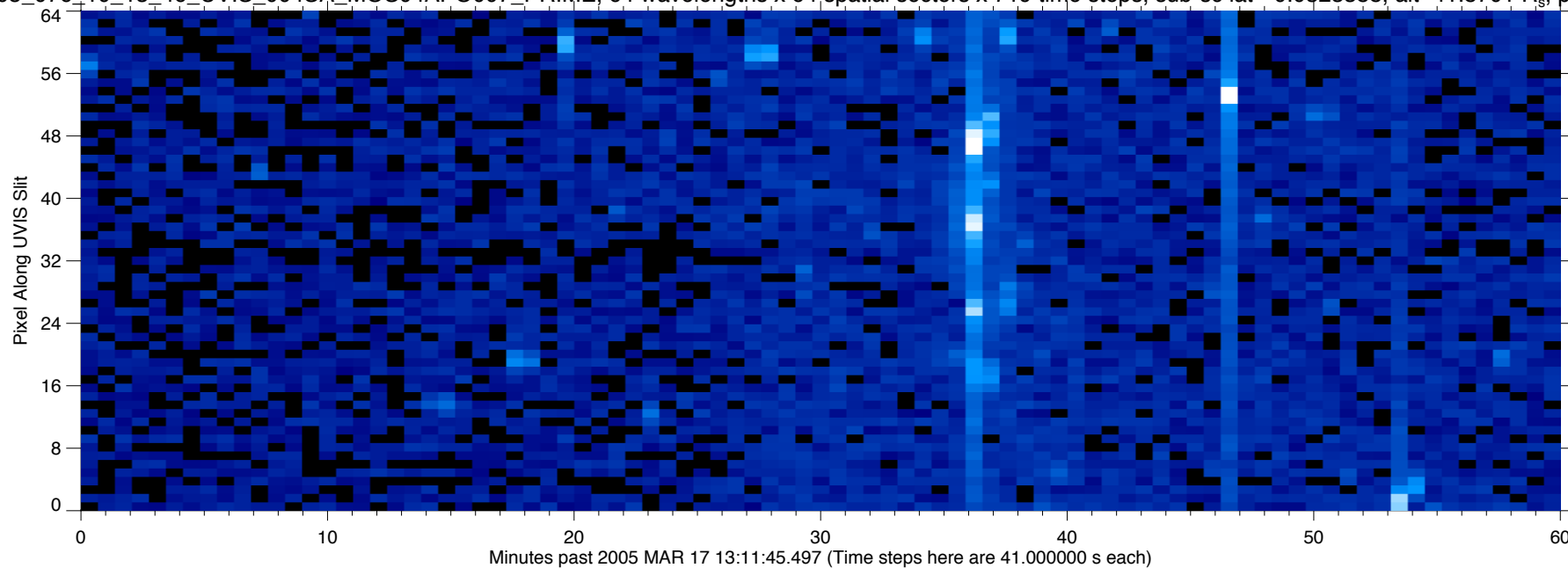
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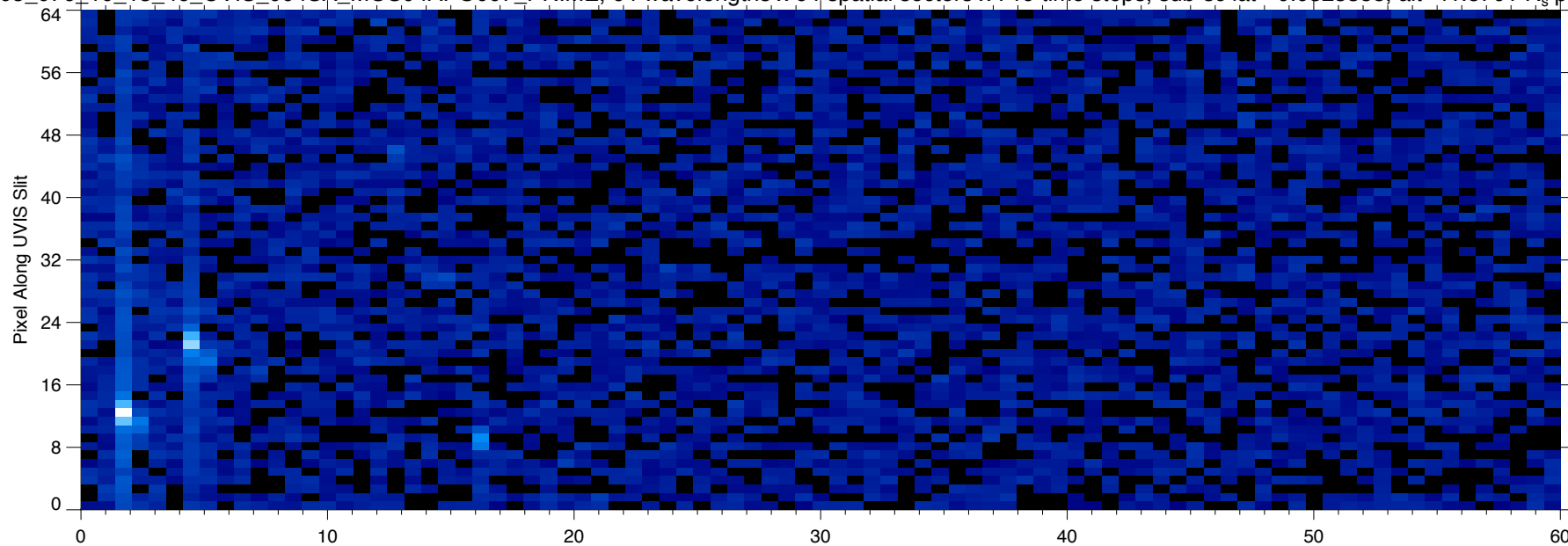
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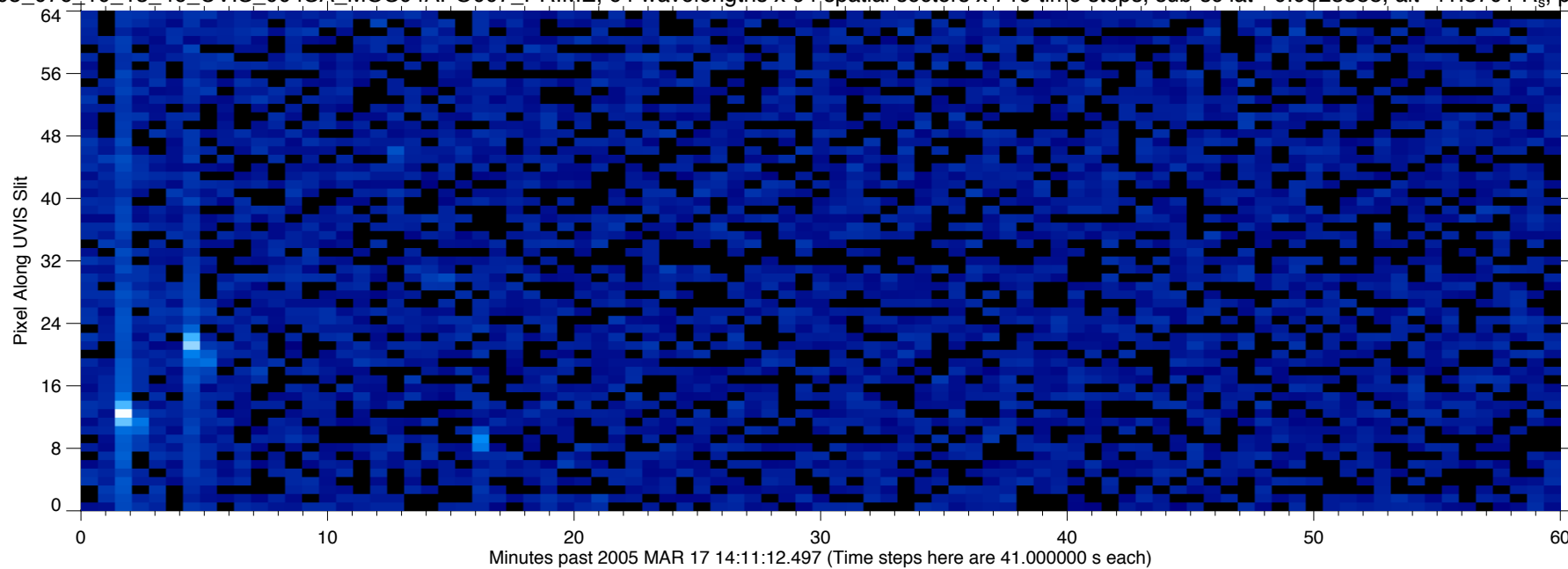
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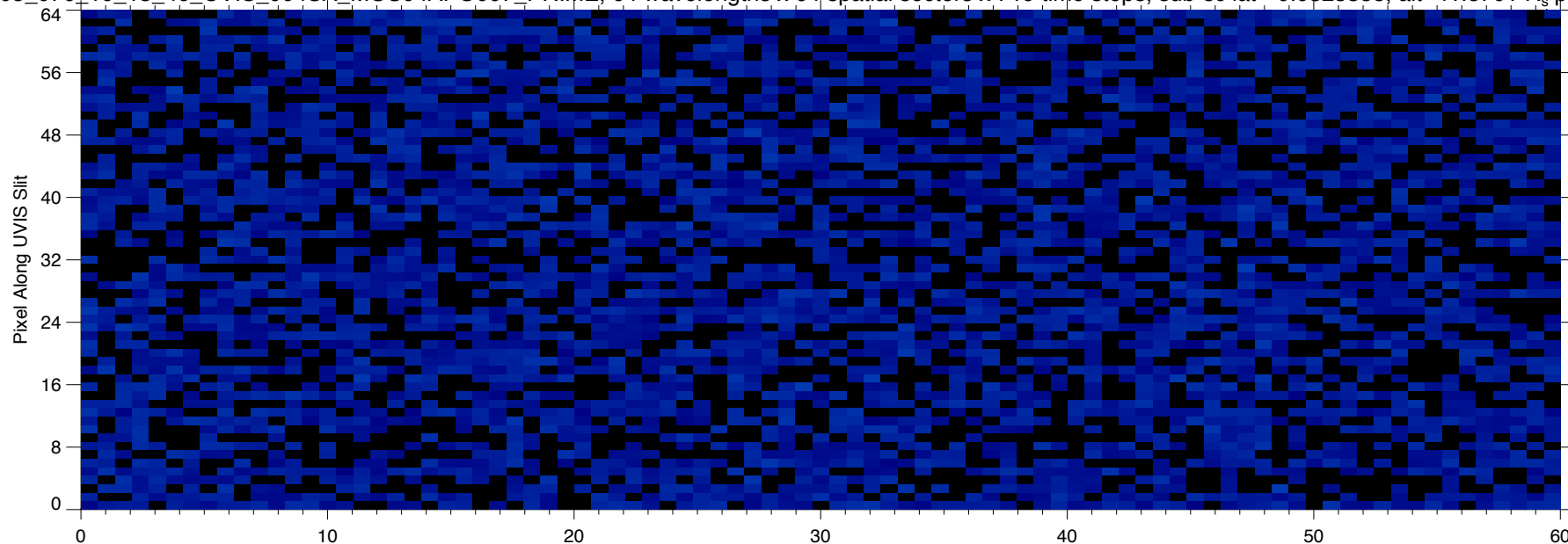
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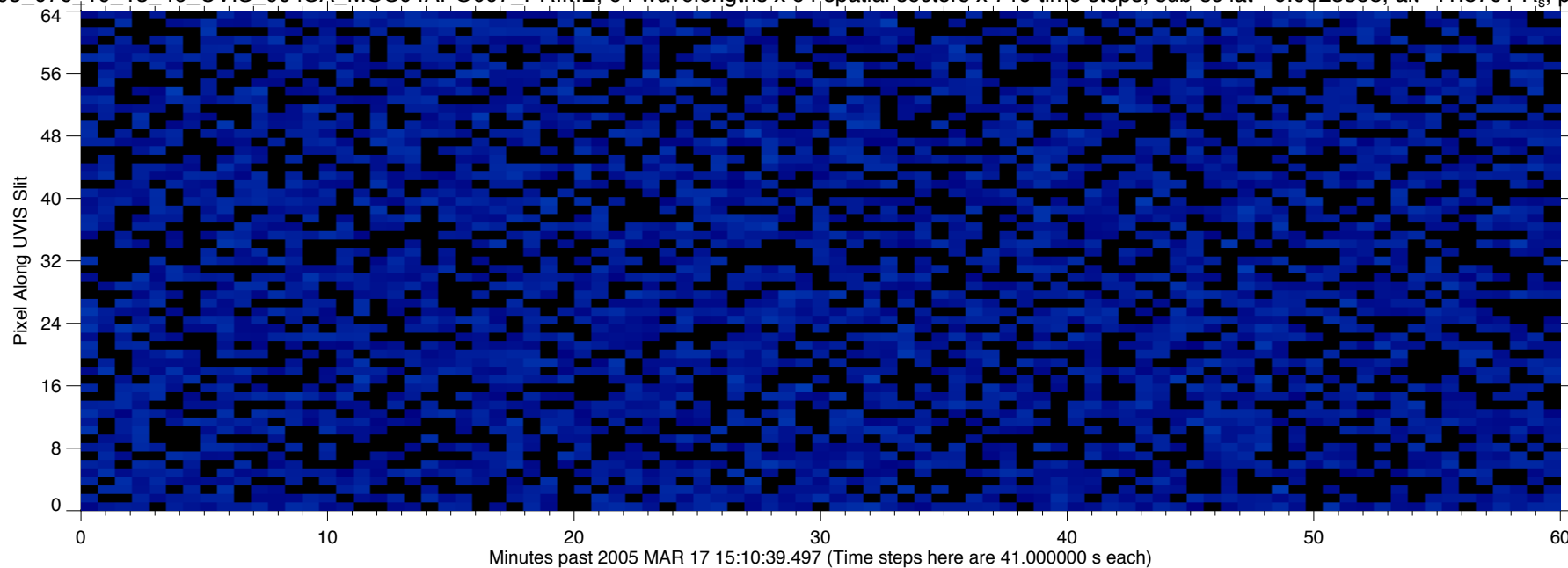
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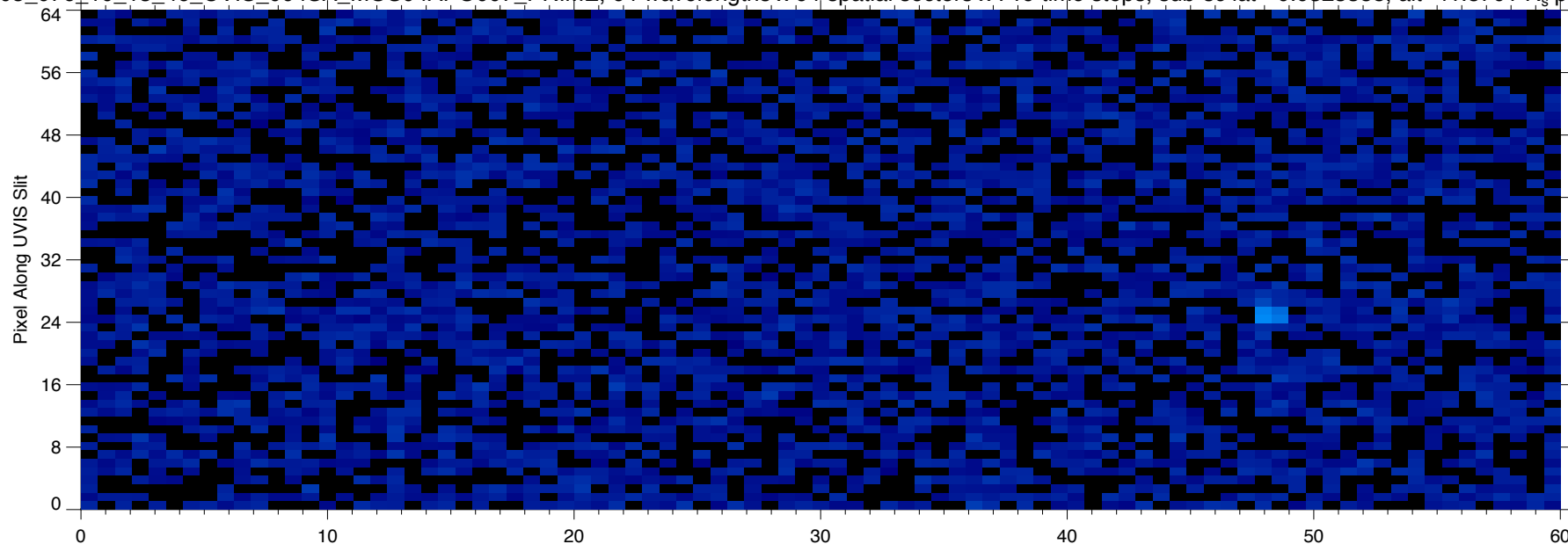
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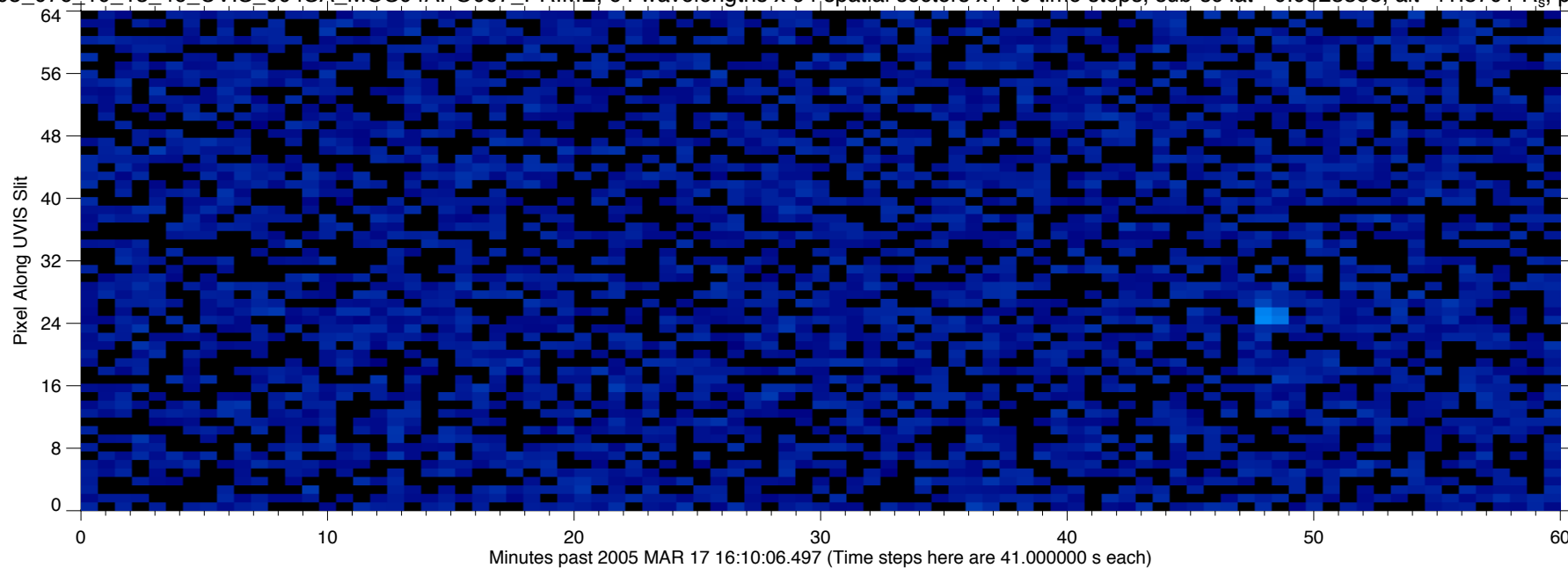
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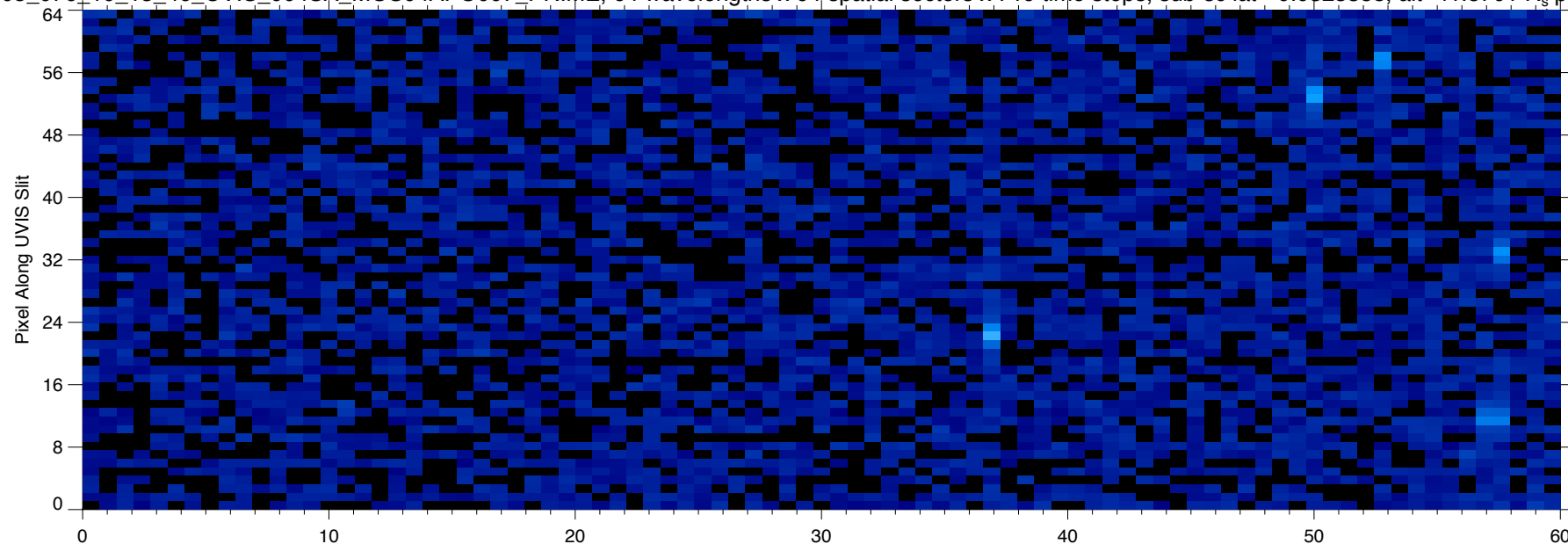
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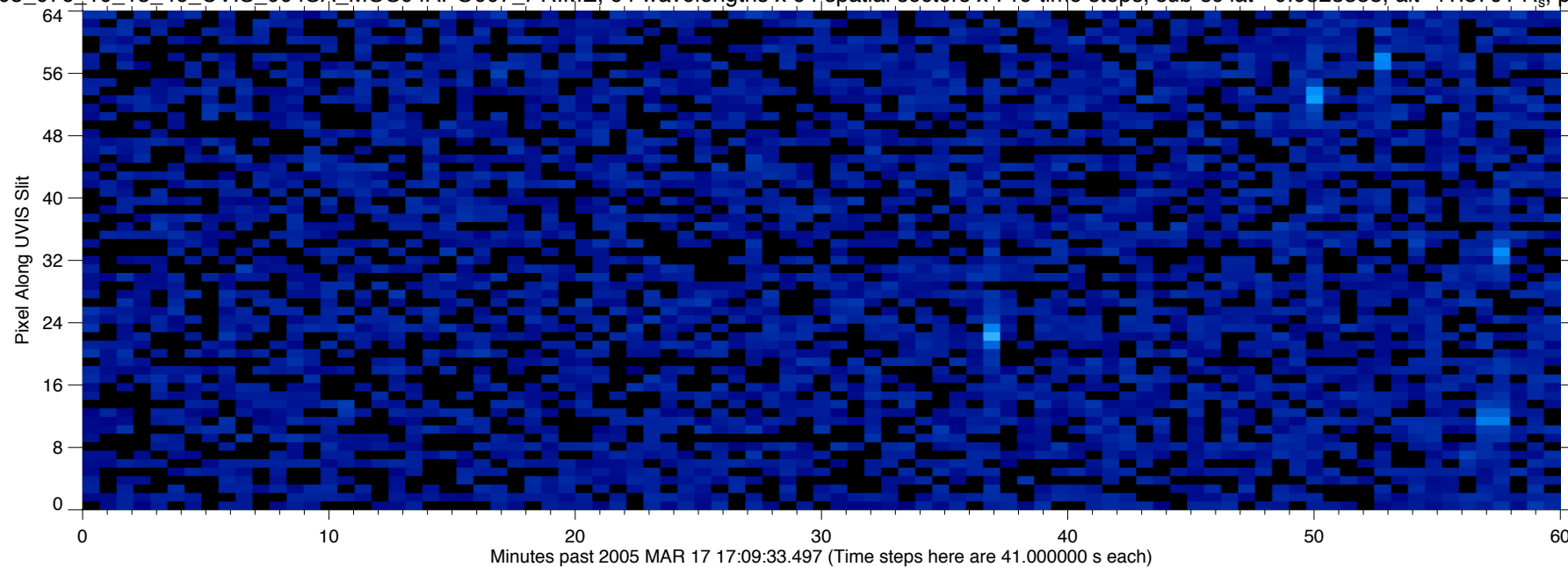
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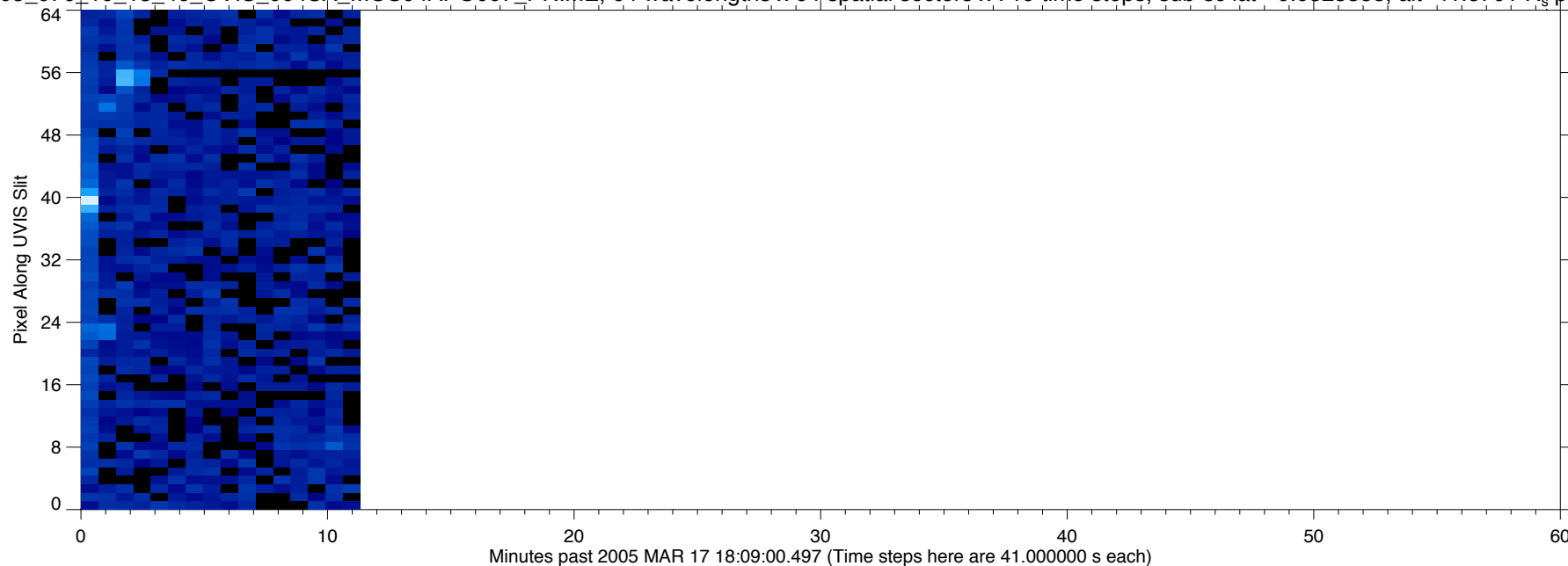
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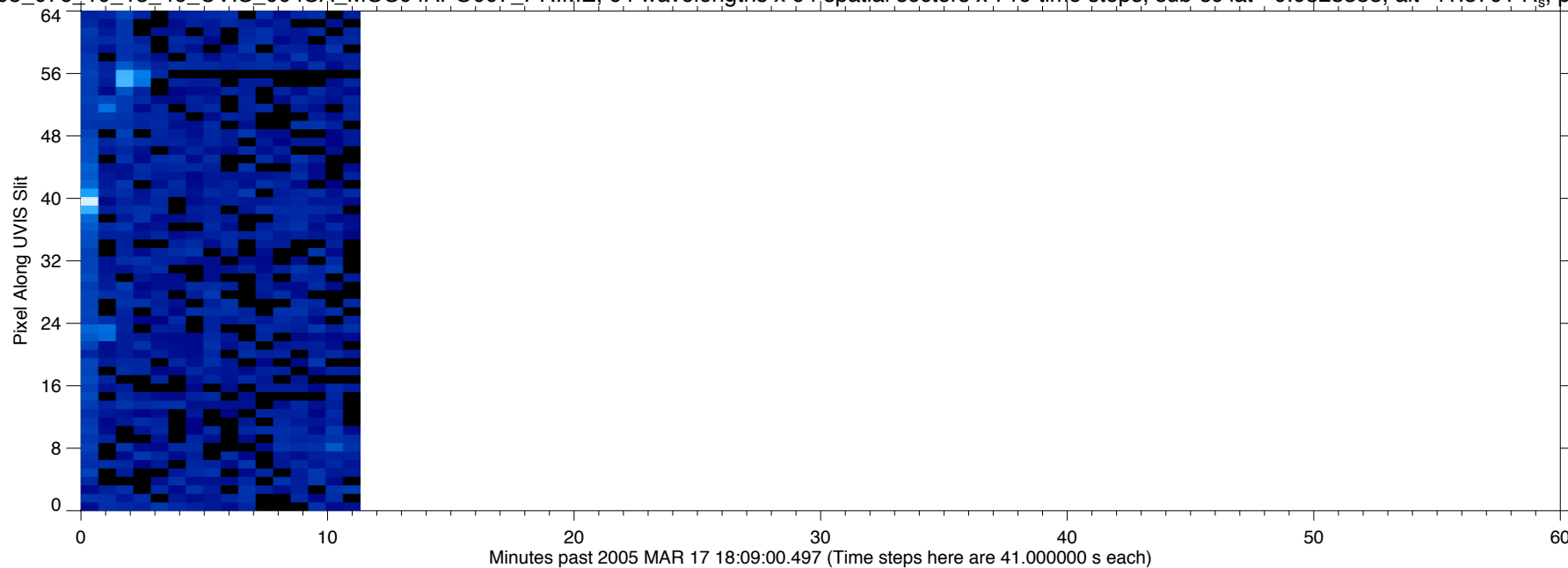
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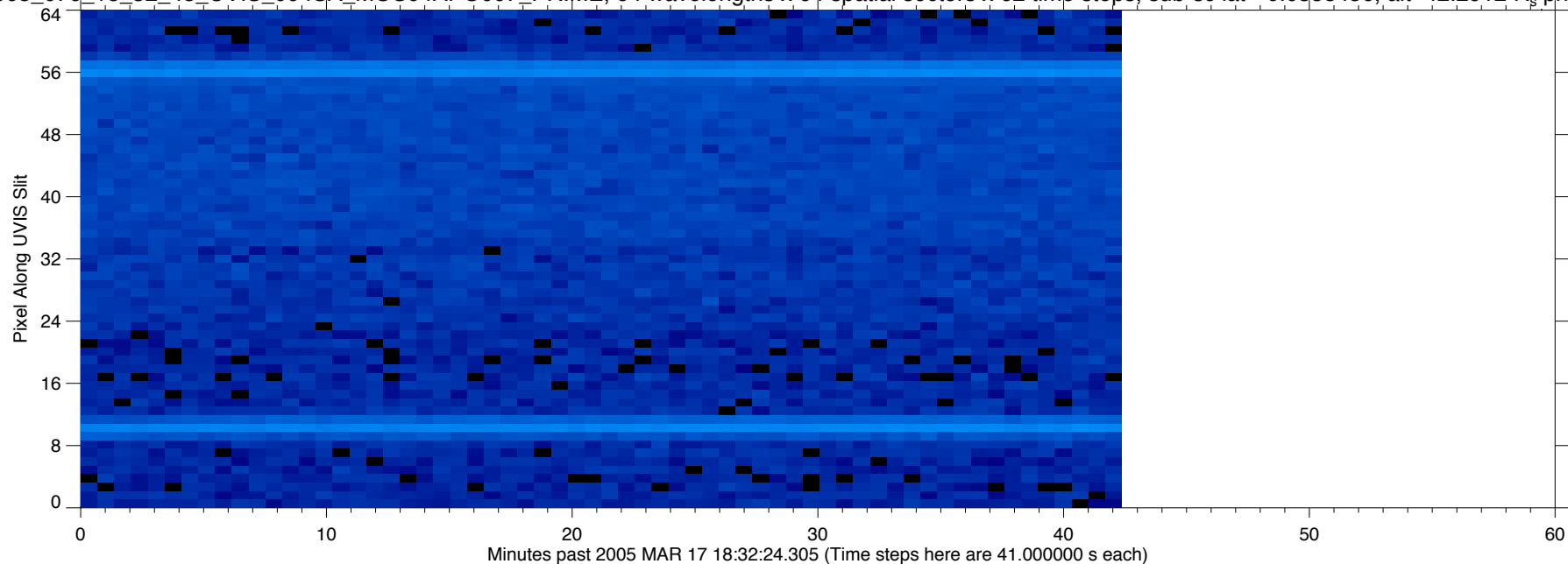
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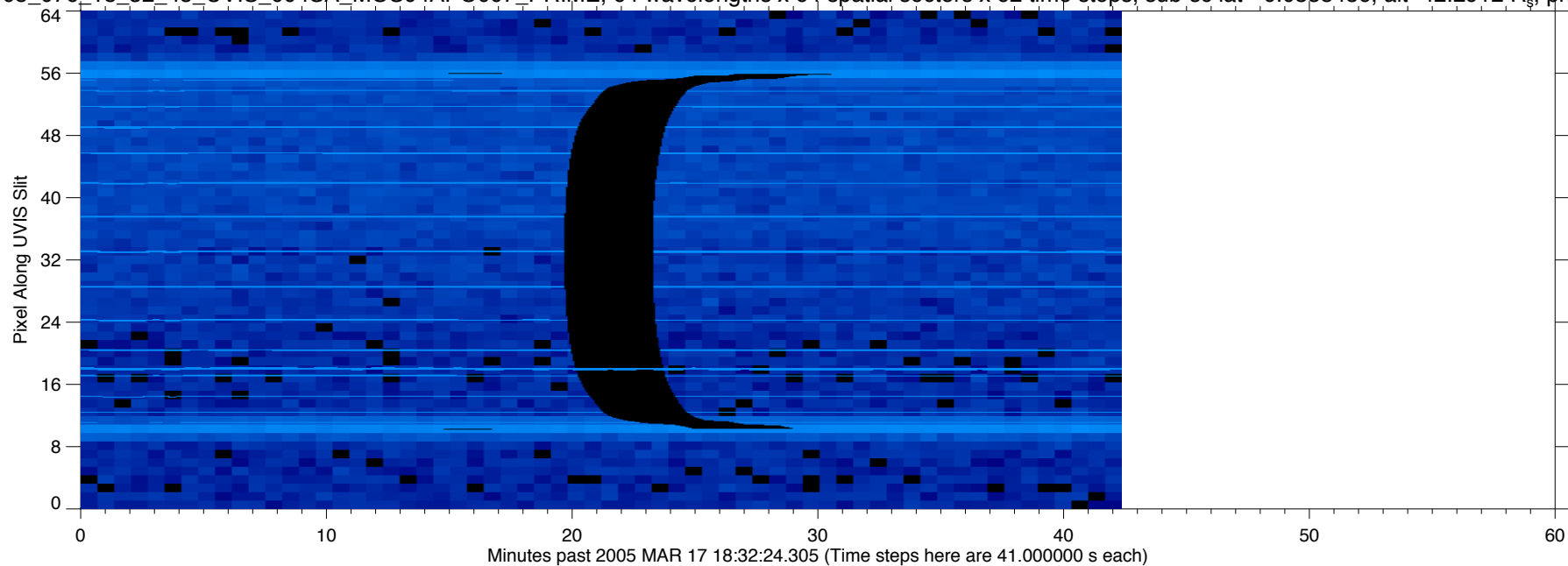
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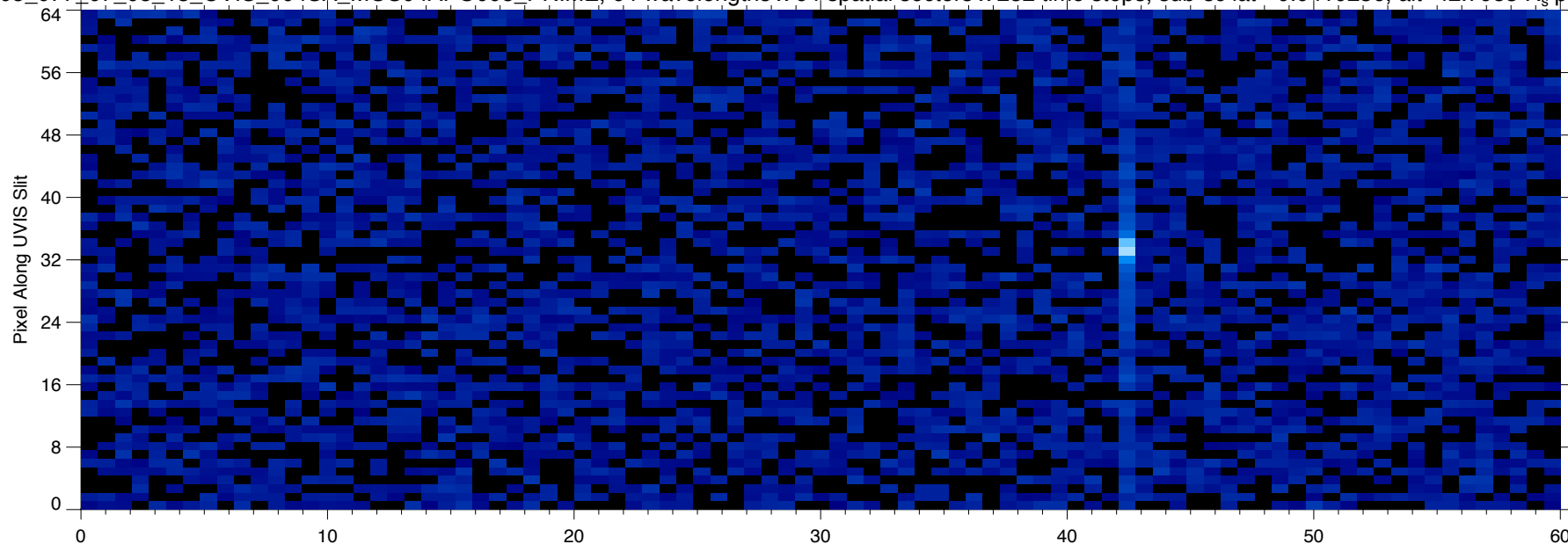
FUV2005_076_18_32_45_UVIS_004SA_MOS04APO007_PRIME, 64 wavelengths x 64 spatial sectors x 62 time steps, sub-sc lat=-0.0358456, alt=42.2912 R_s, phase=70.2108



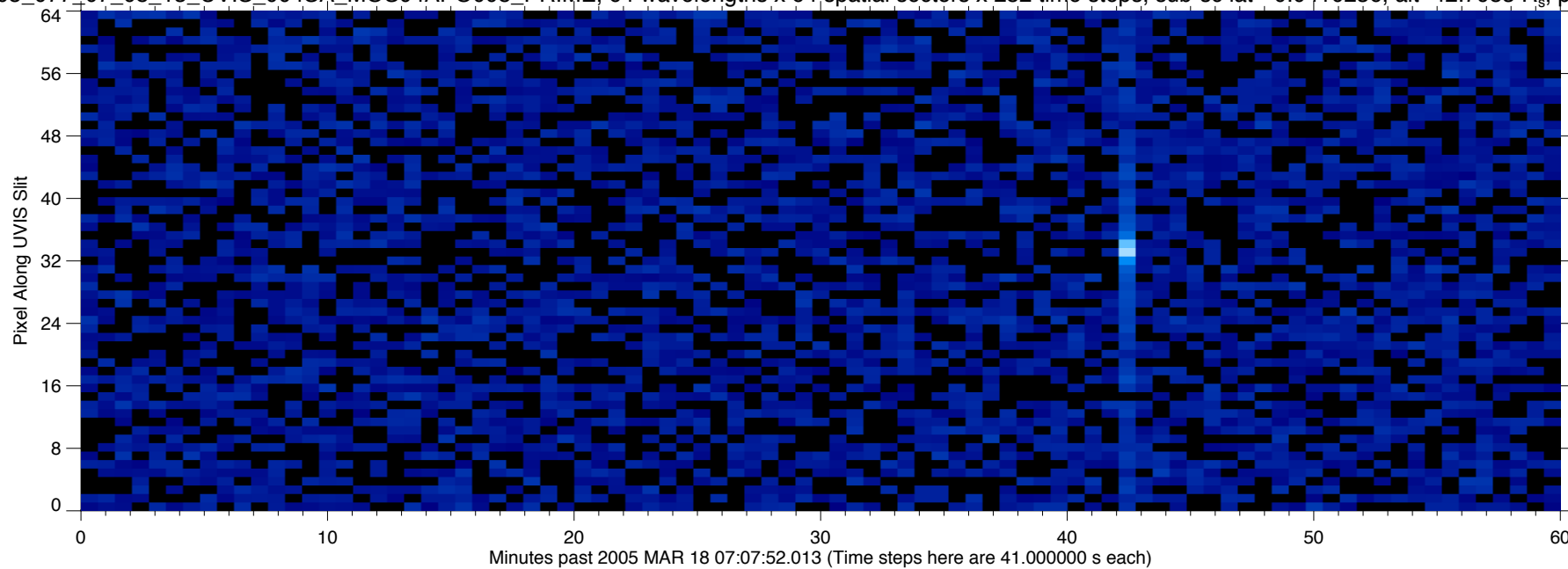
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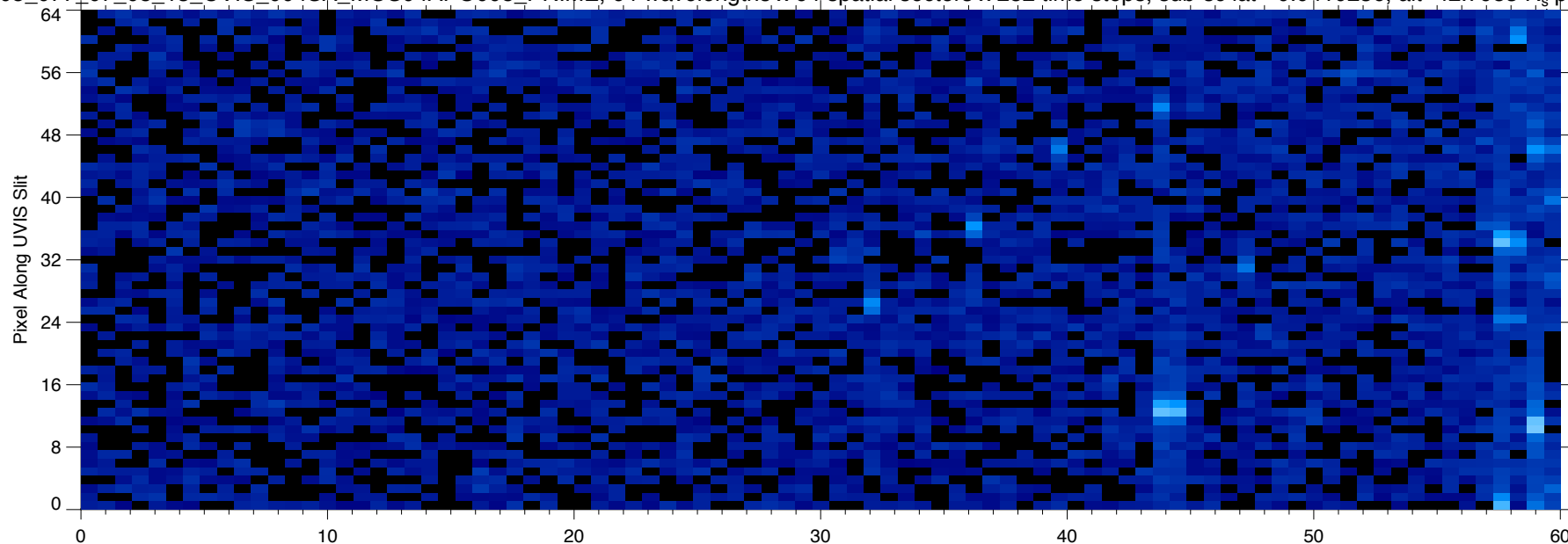
FUV2005_077_07_08_13_UVIS_004SA_MOS04APO008_PRIME, 64 wavelengths x 64 spatial sectors x 252 time steps, sub-sc lat=-0.0410236, alt=42.7953 R_s, phase=68.9001



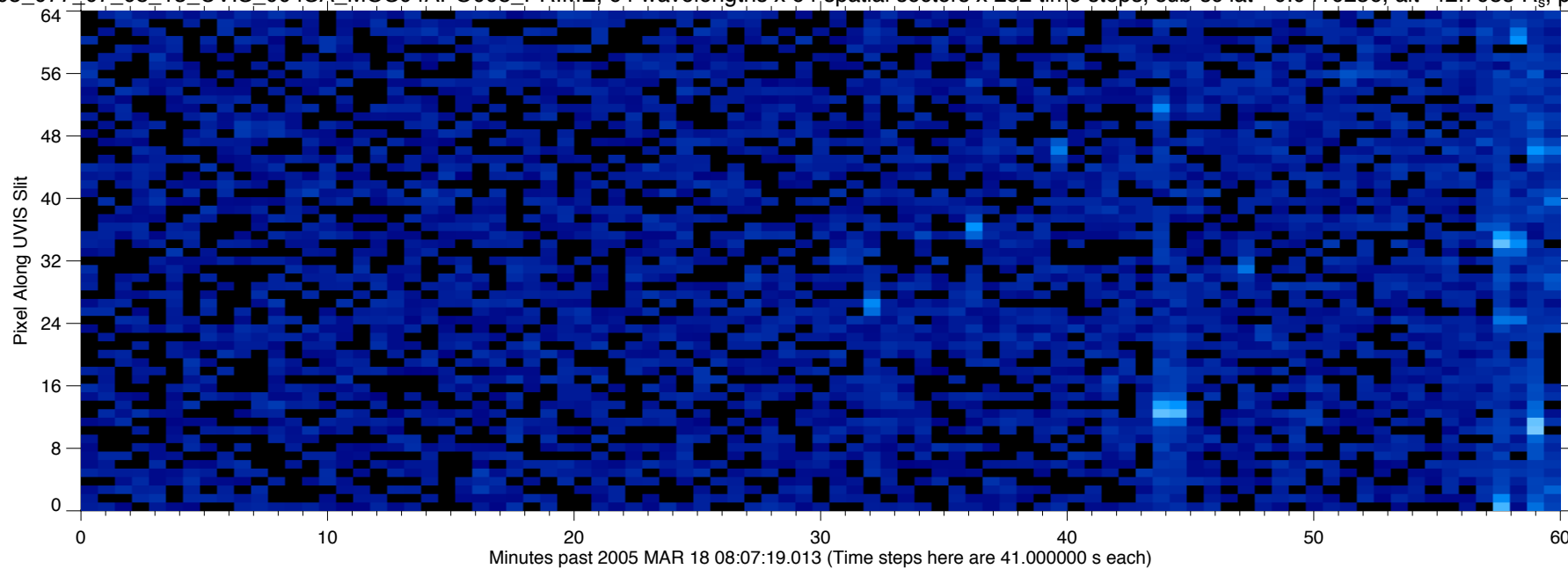
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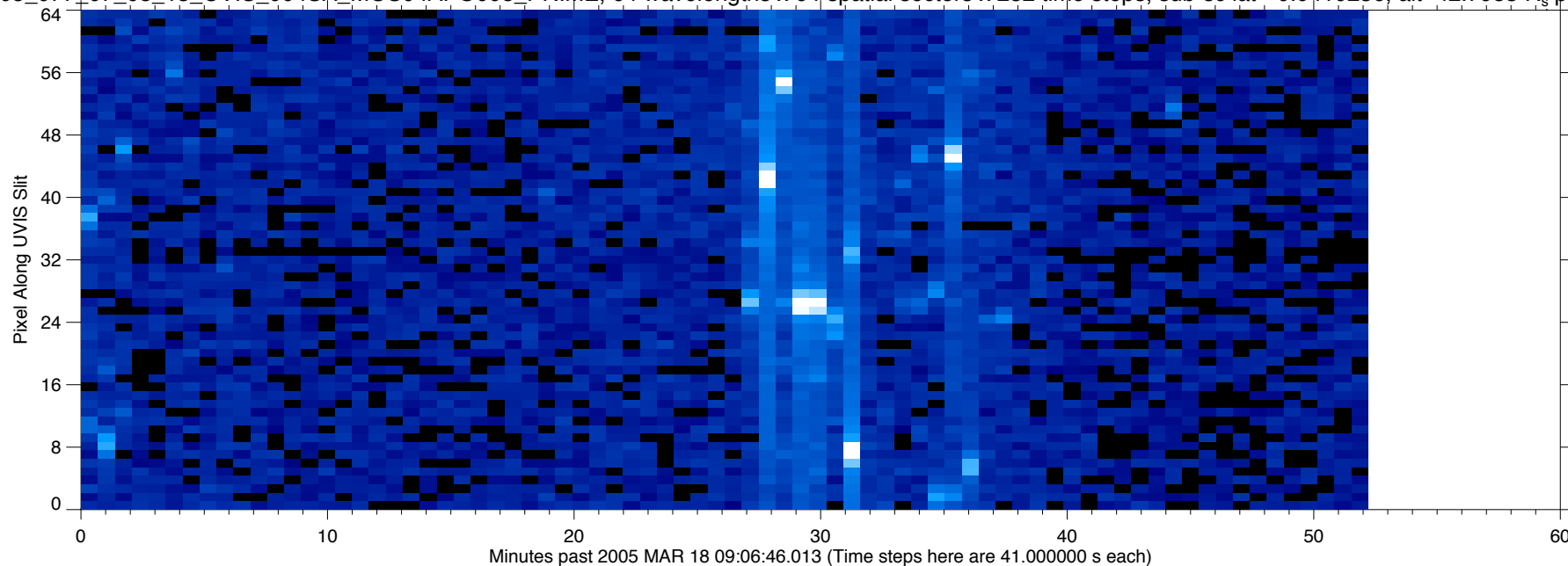
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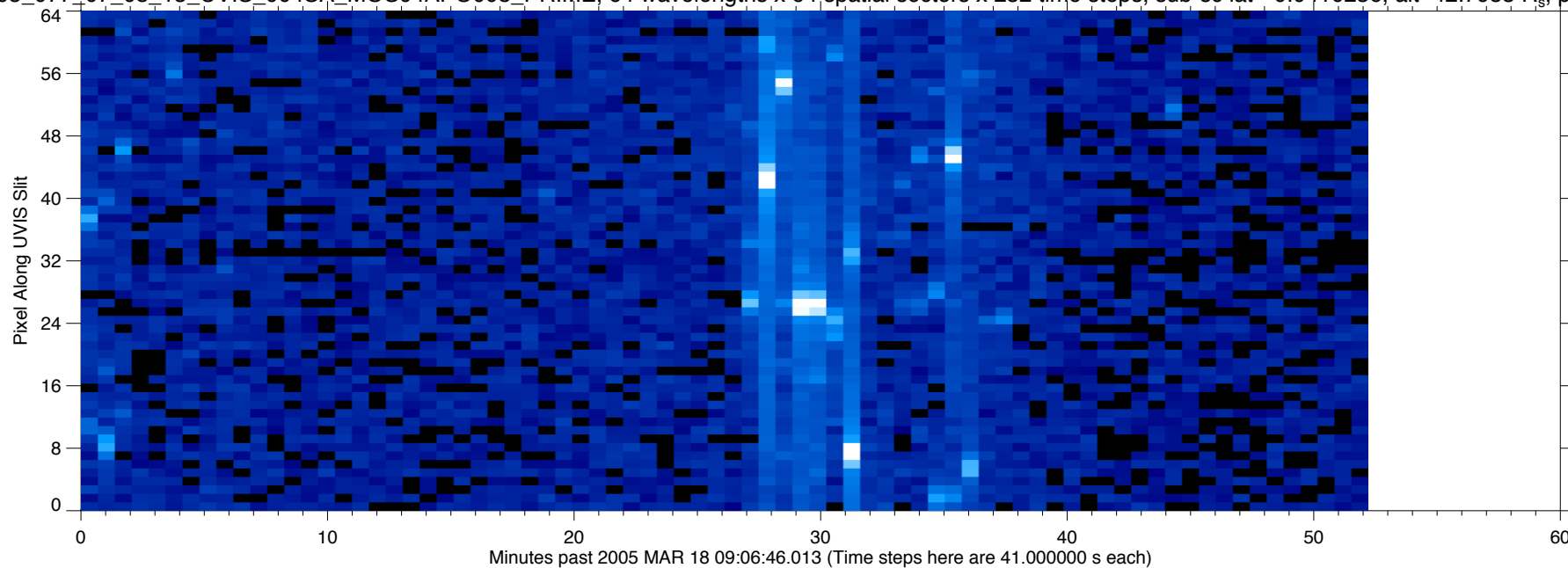
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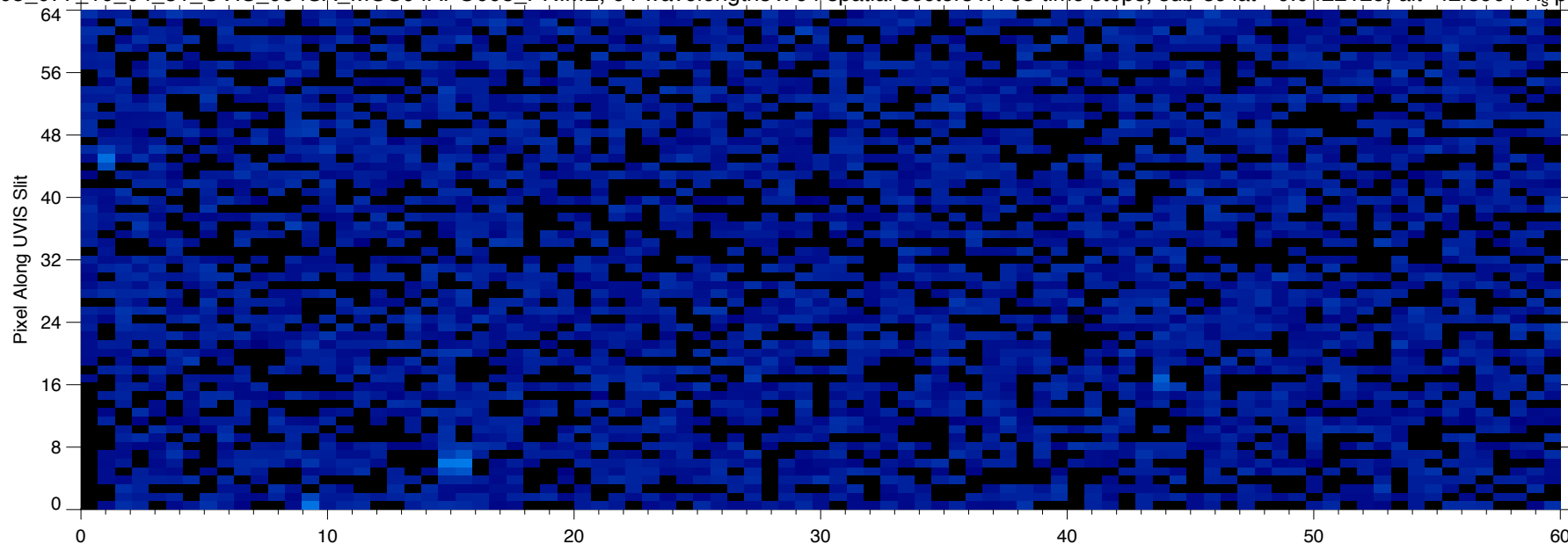
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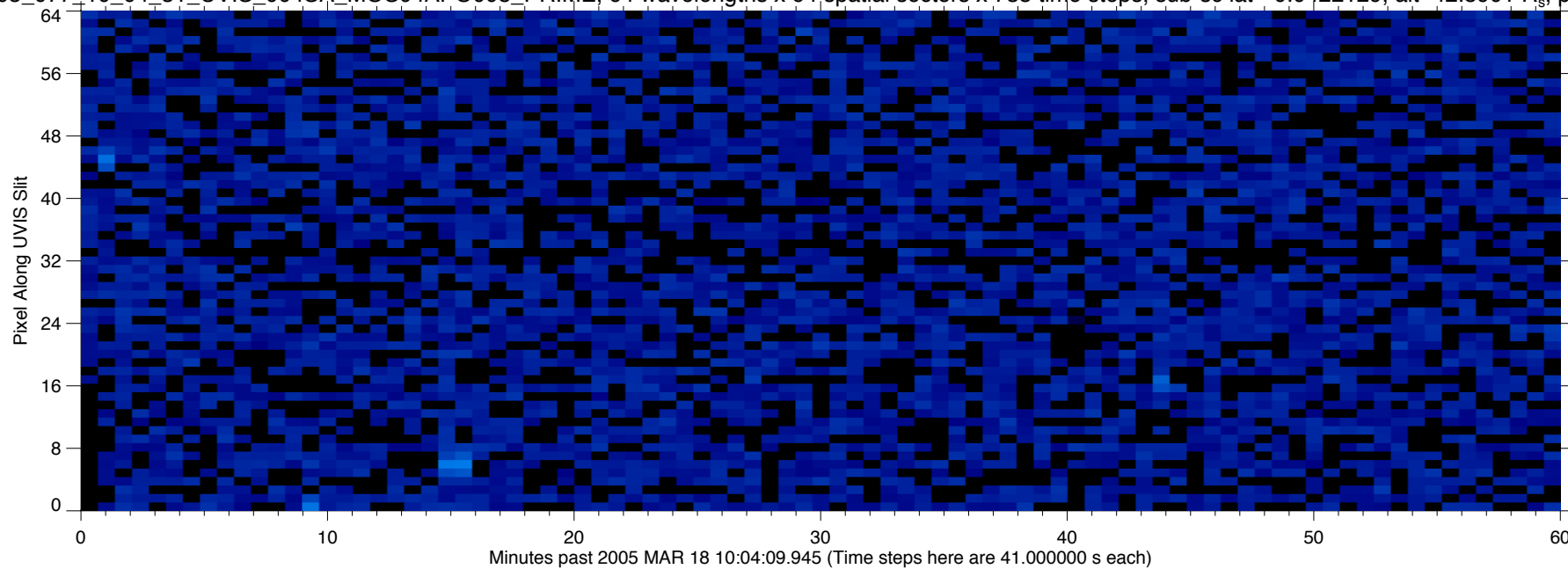
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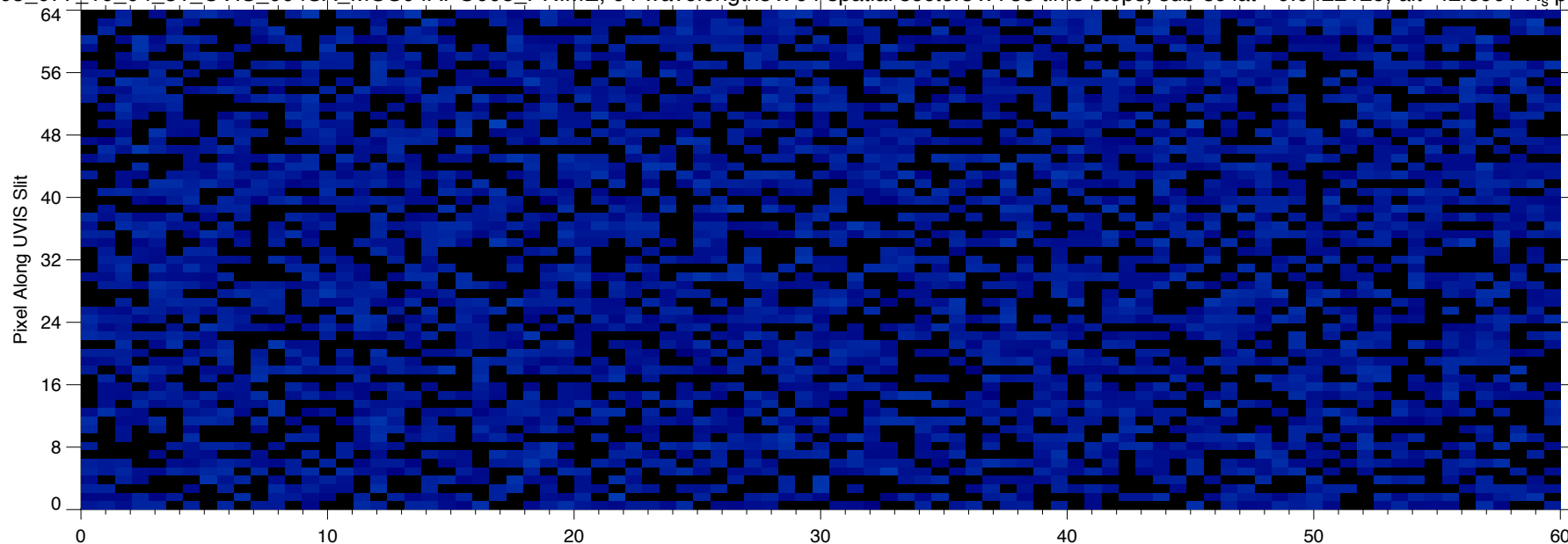
FUV2005_077_10_04_31_UVIS_004SA_MOS04APO008_PRIME, 64 wavelengths x 64 spatial sectors x 735 time steps, sub-sc lat=-0.0422129, alt=42.8901 R_s, phase=68.5985



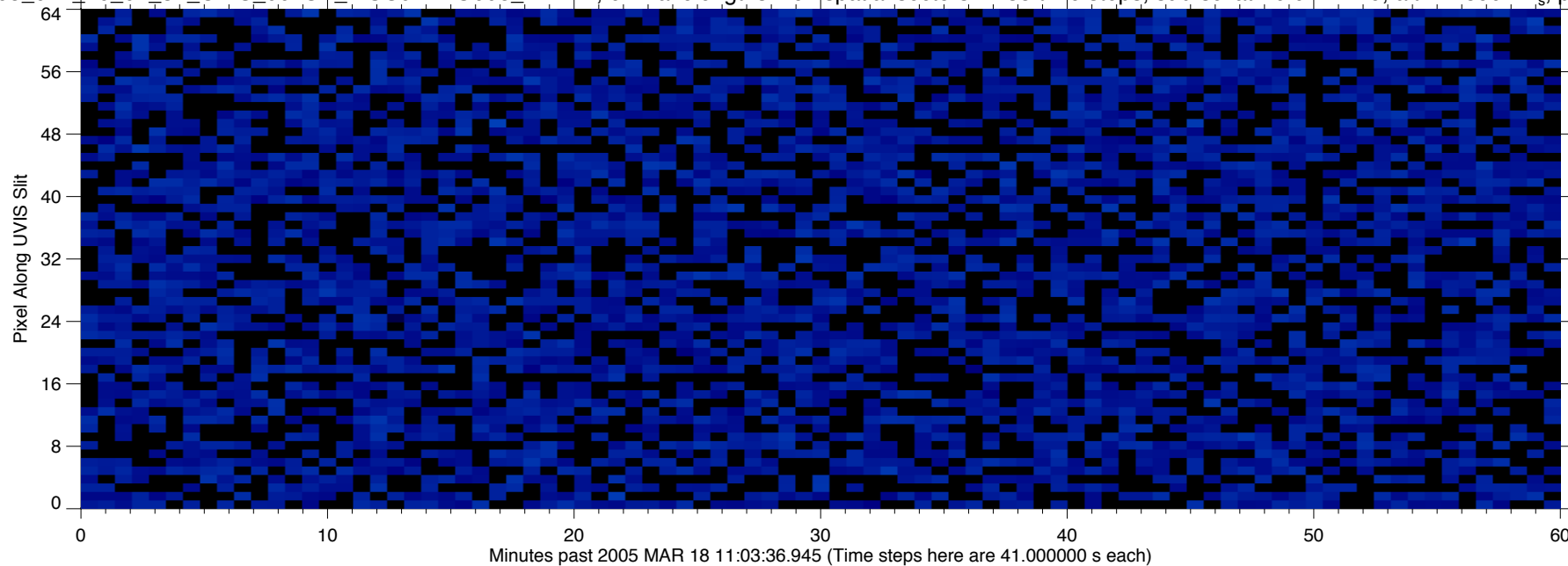
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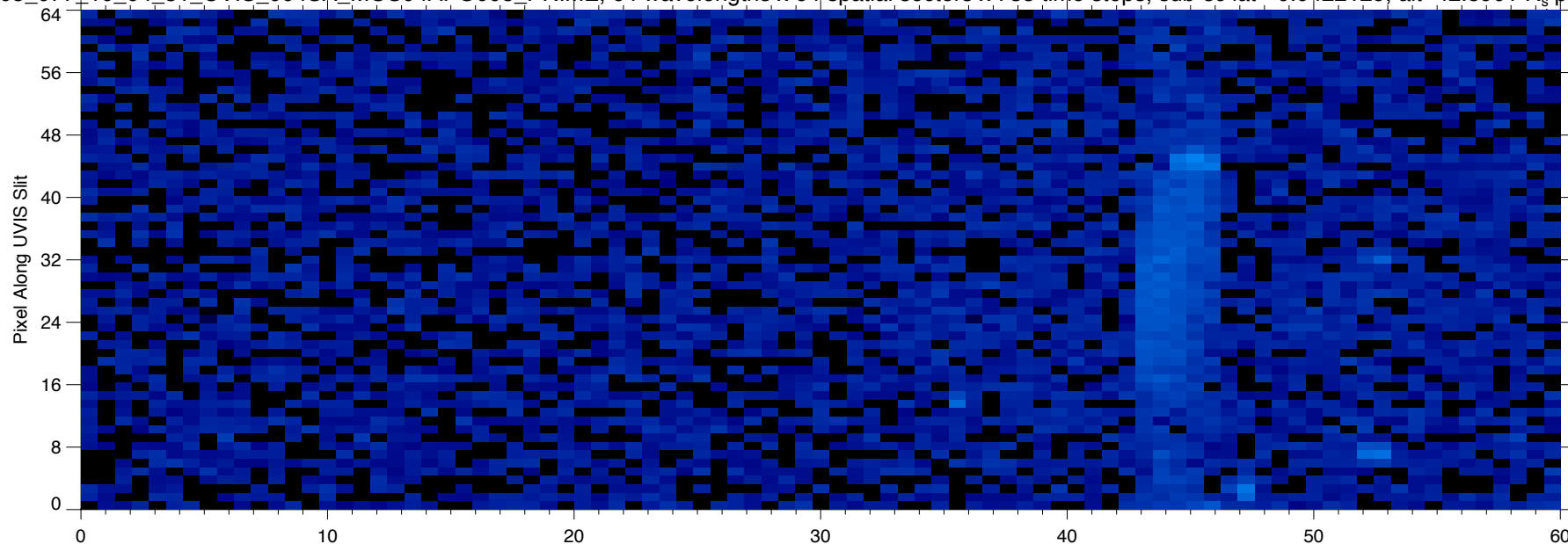
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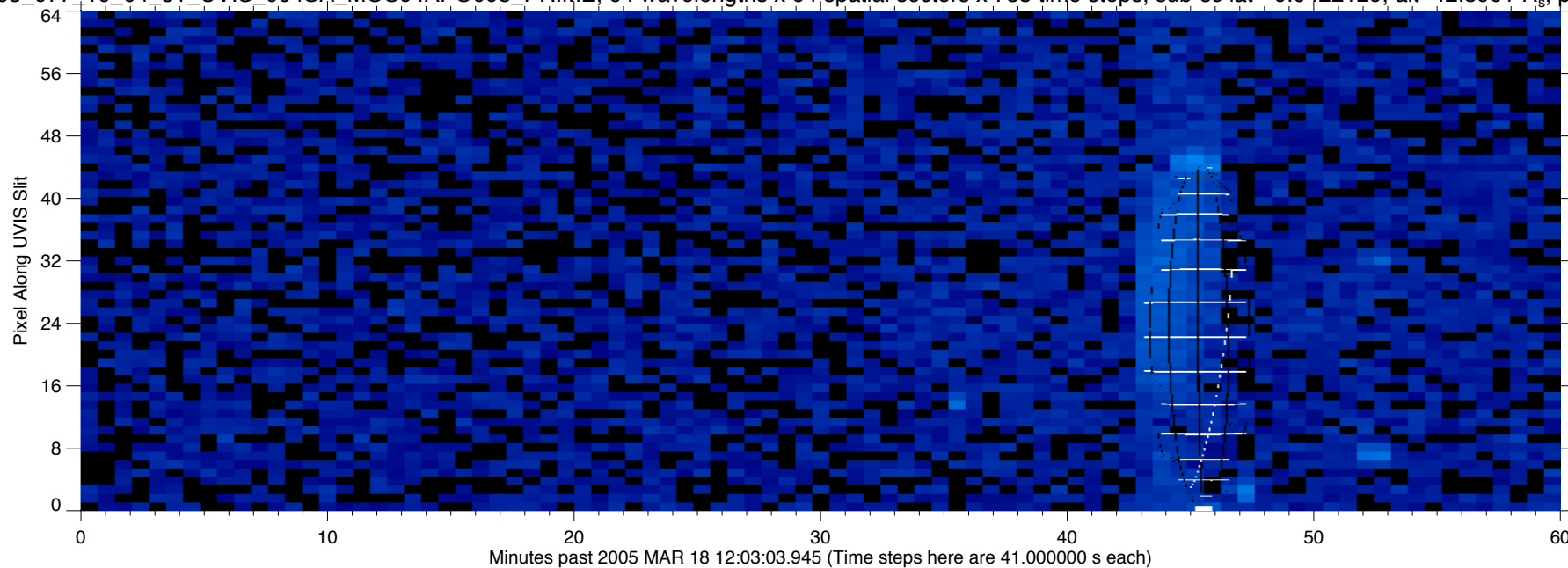
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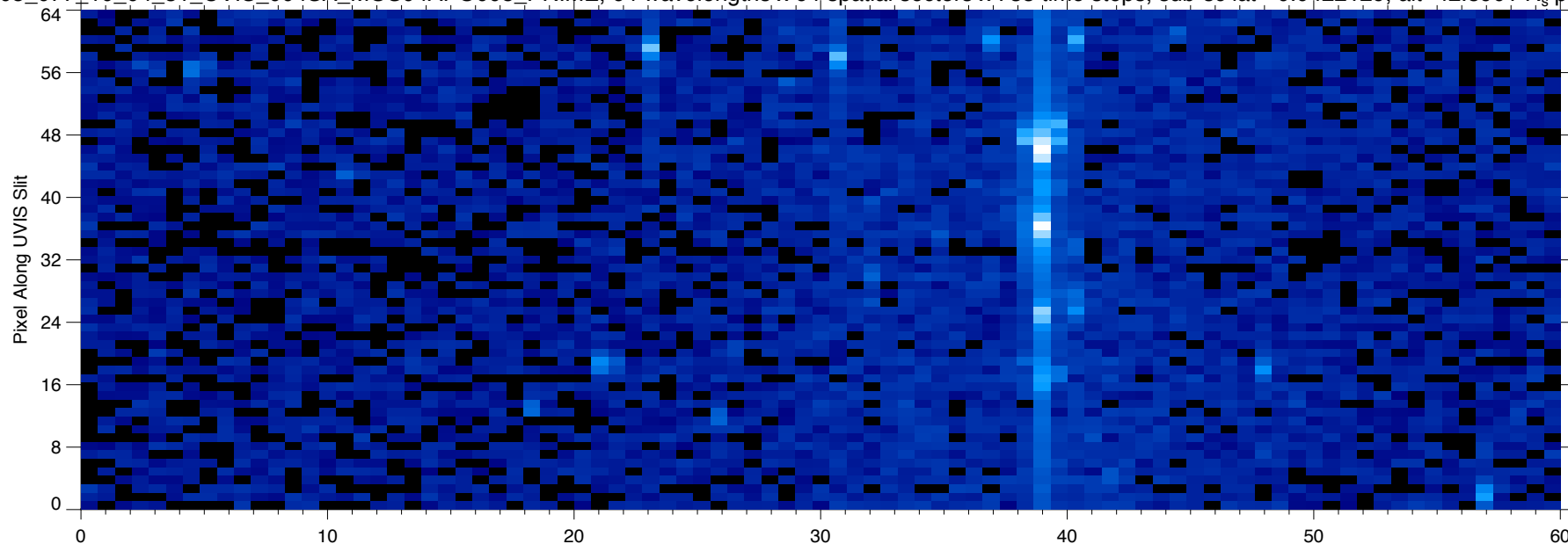
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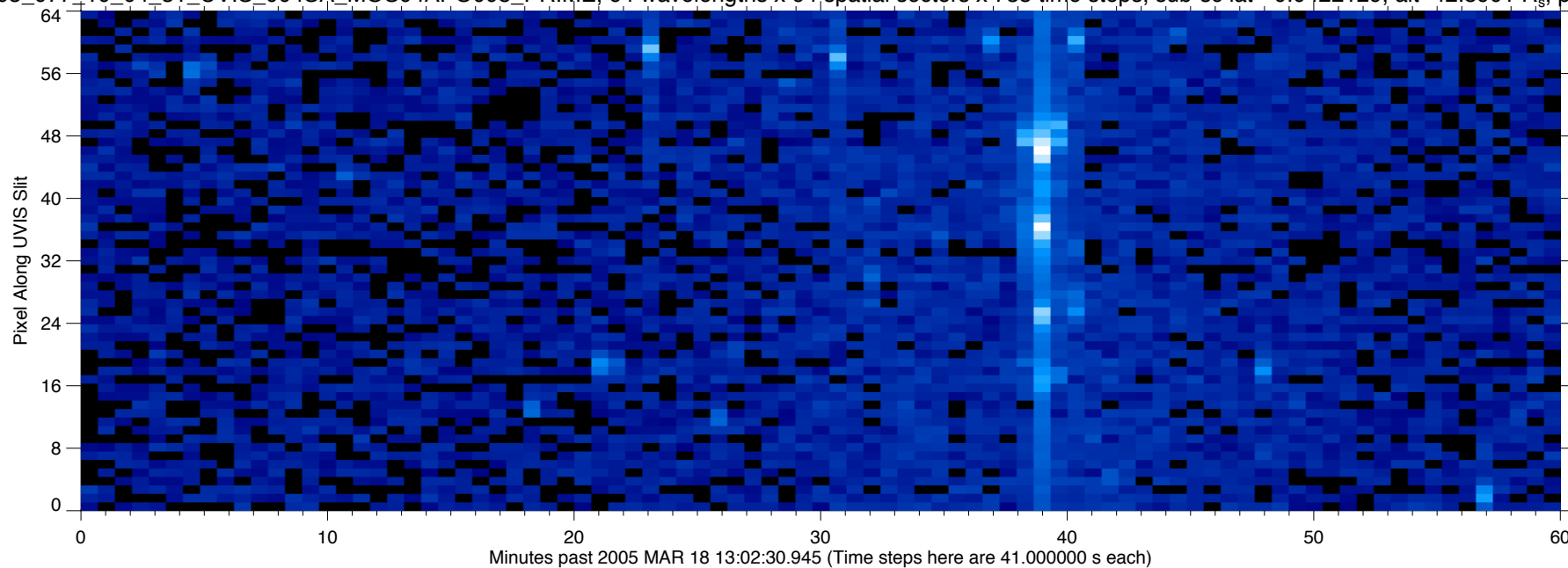
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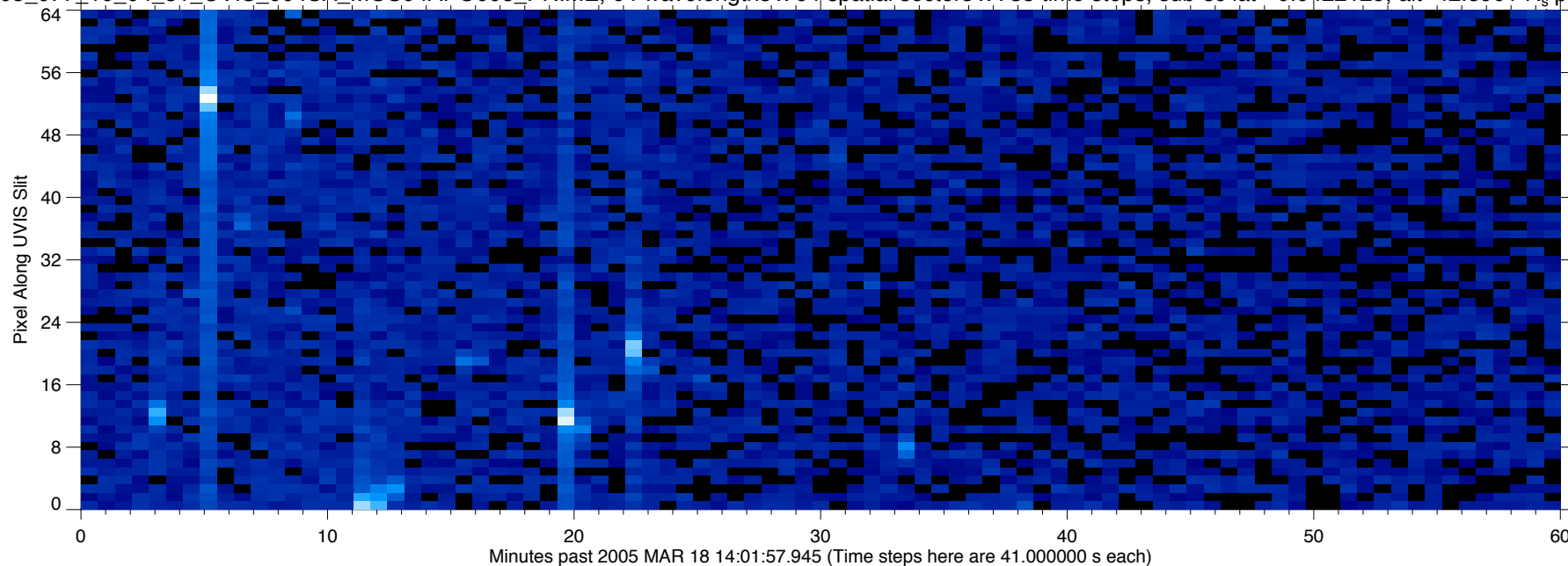
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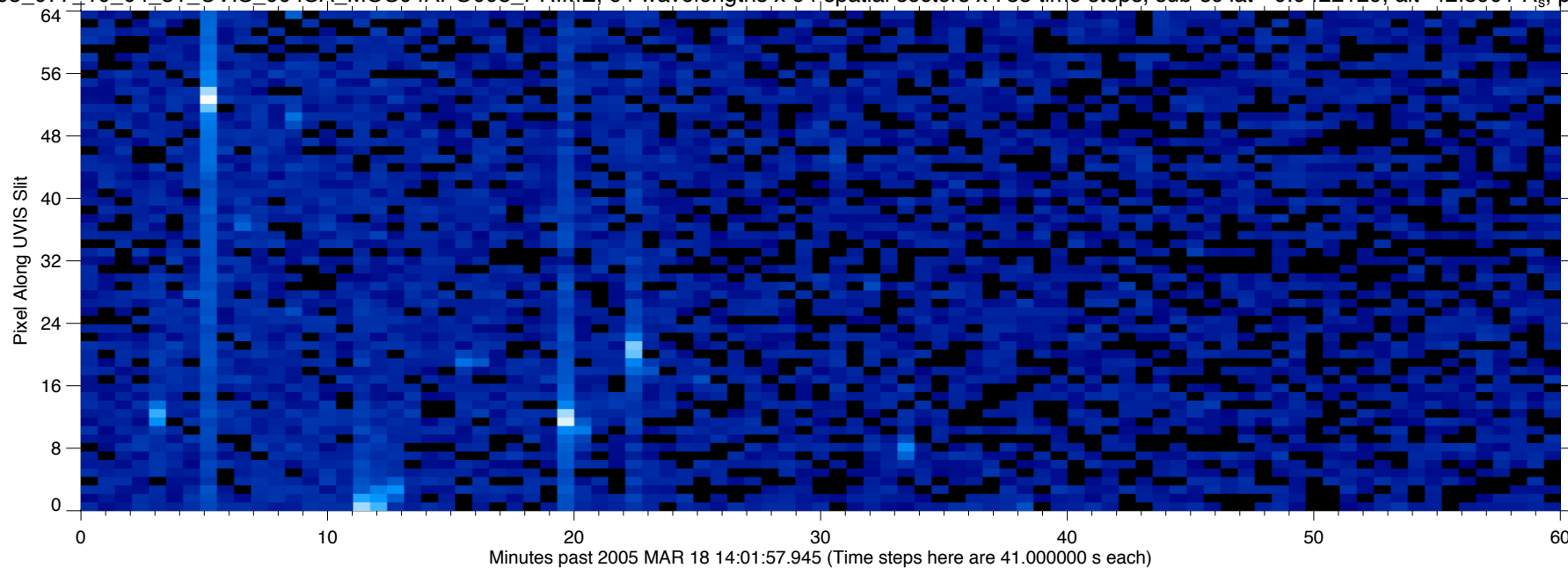
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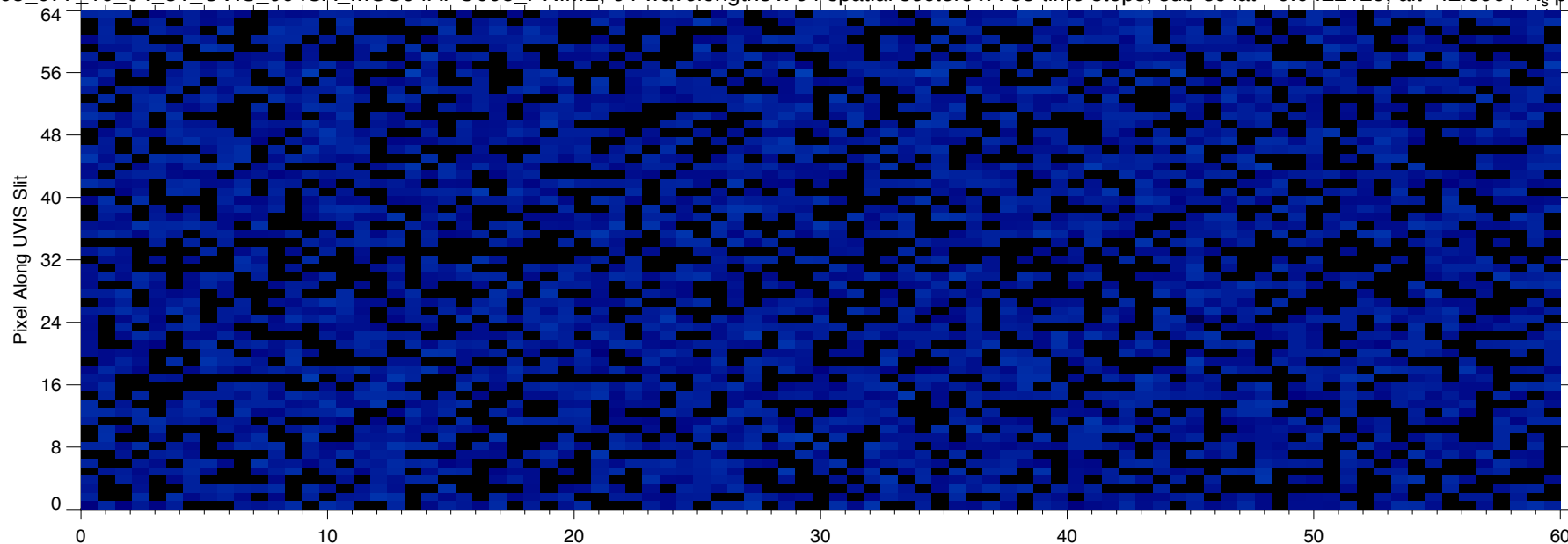
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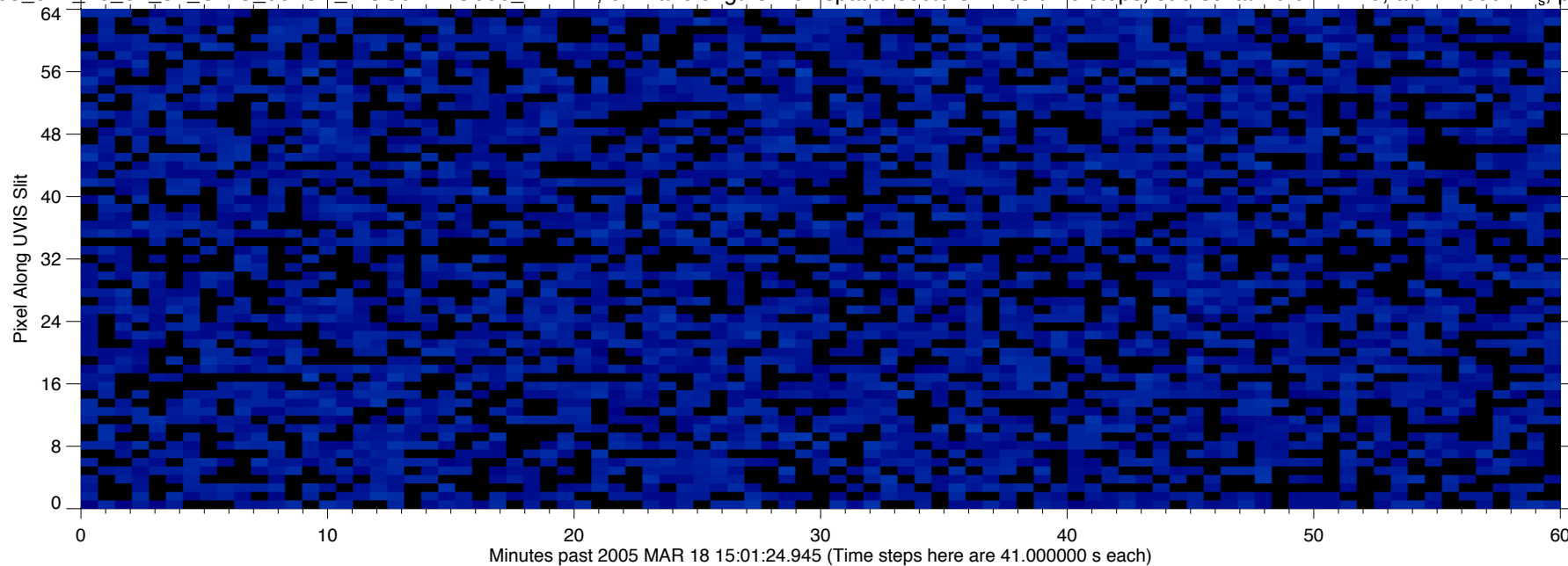
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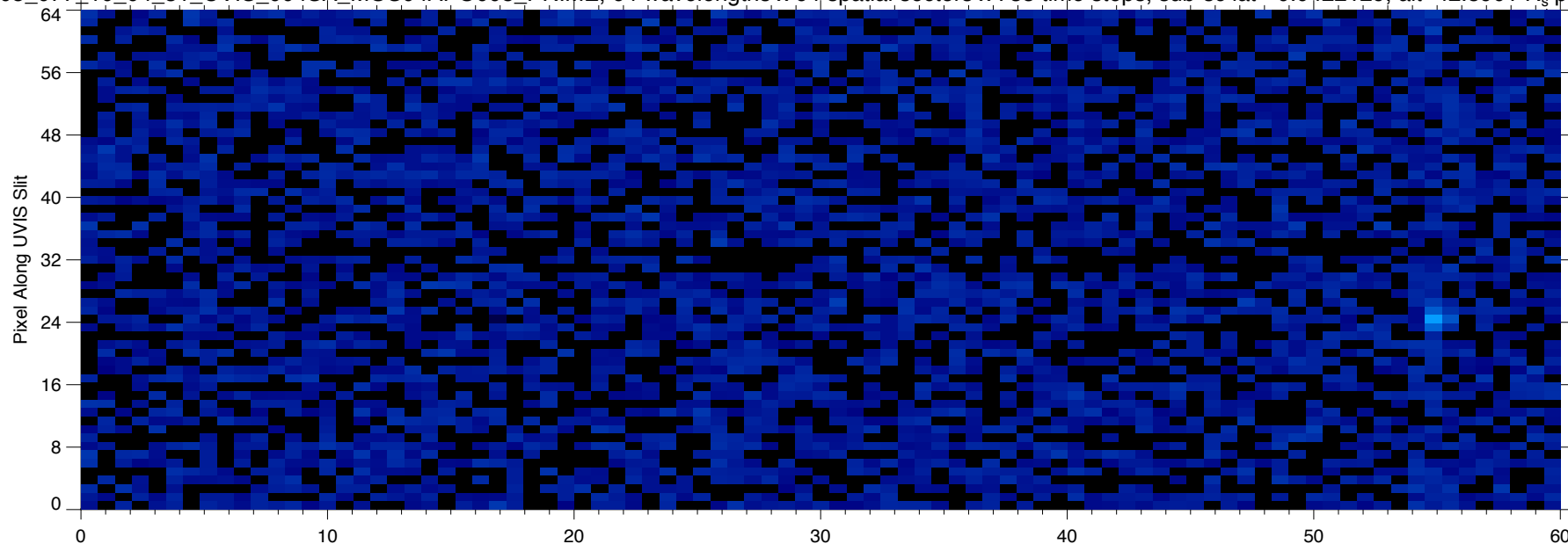
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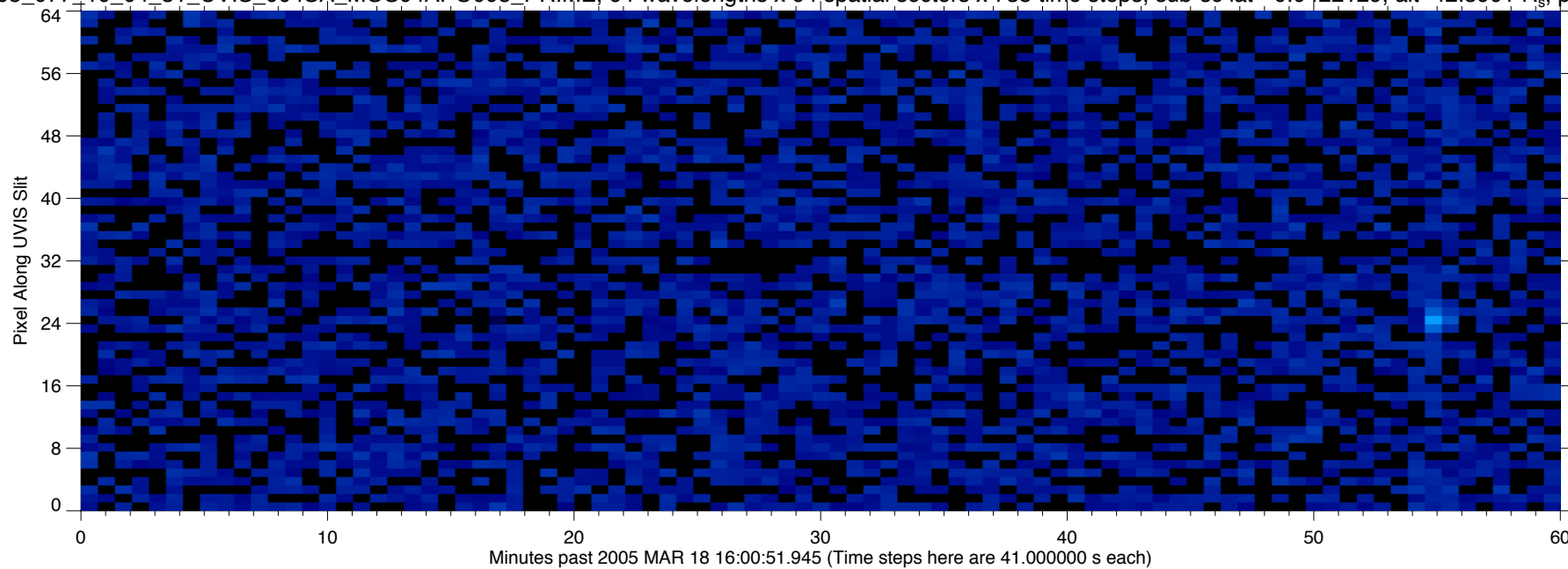
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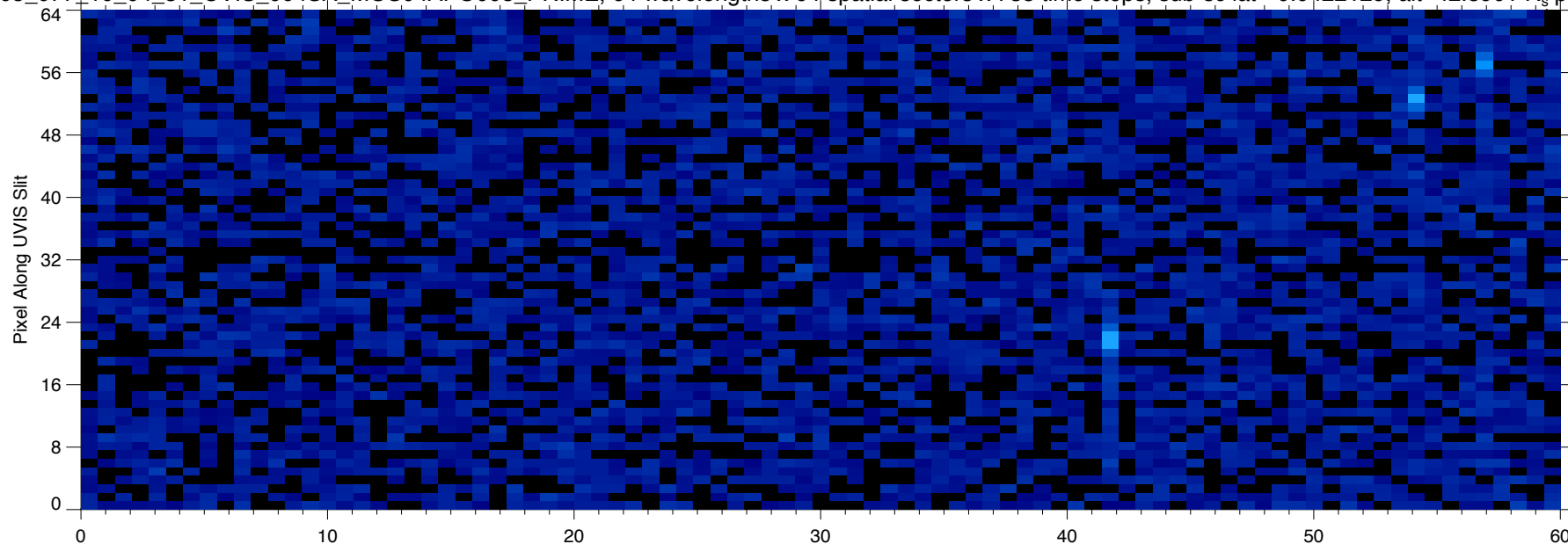
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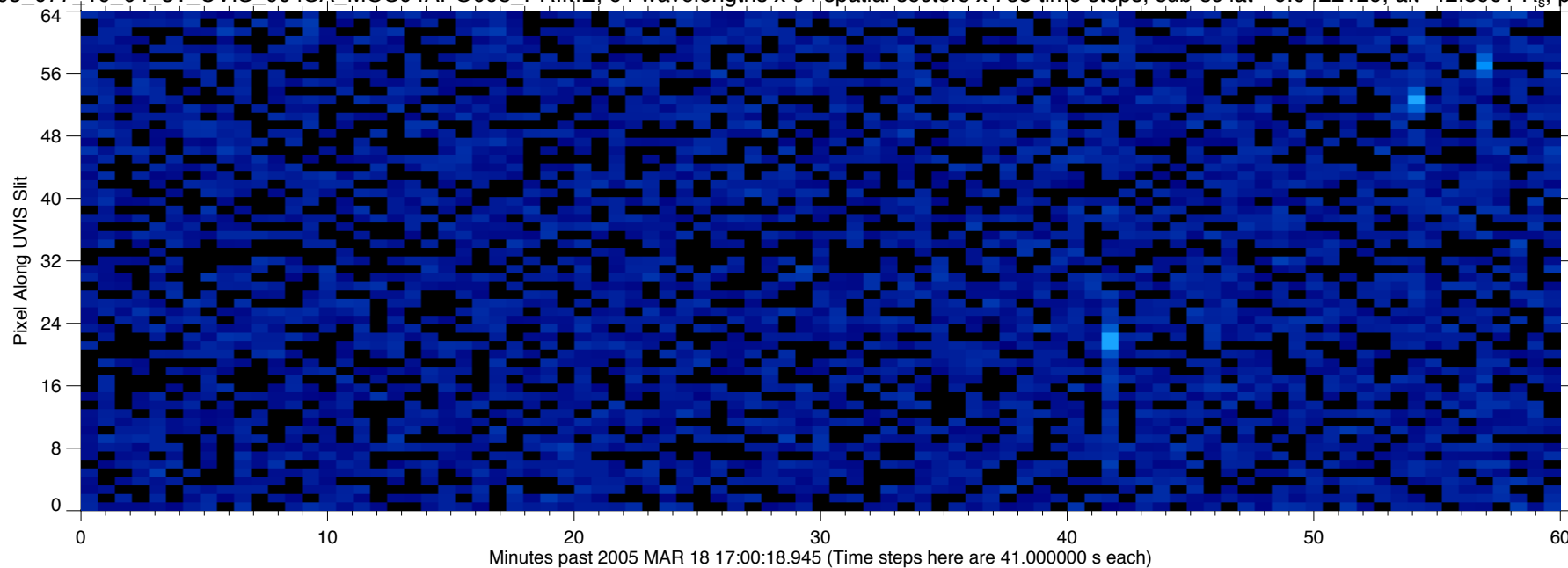
FUV2005_077_10_04_31_UVIS_004SA_MOS04APO008_PRIME, 64 wavelengths x 64 spatial sectors x 735 time steps, sub-sc lat=-0.0422129, alt=42.8901 R_s, phase=68.5985



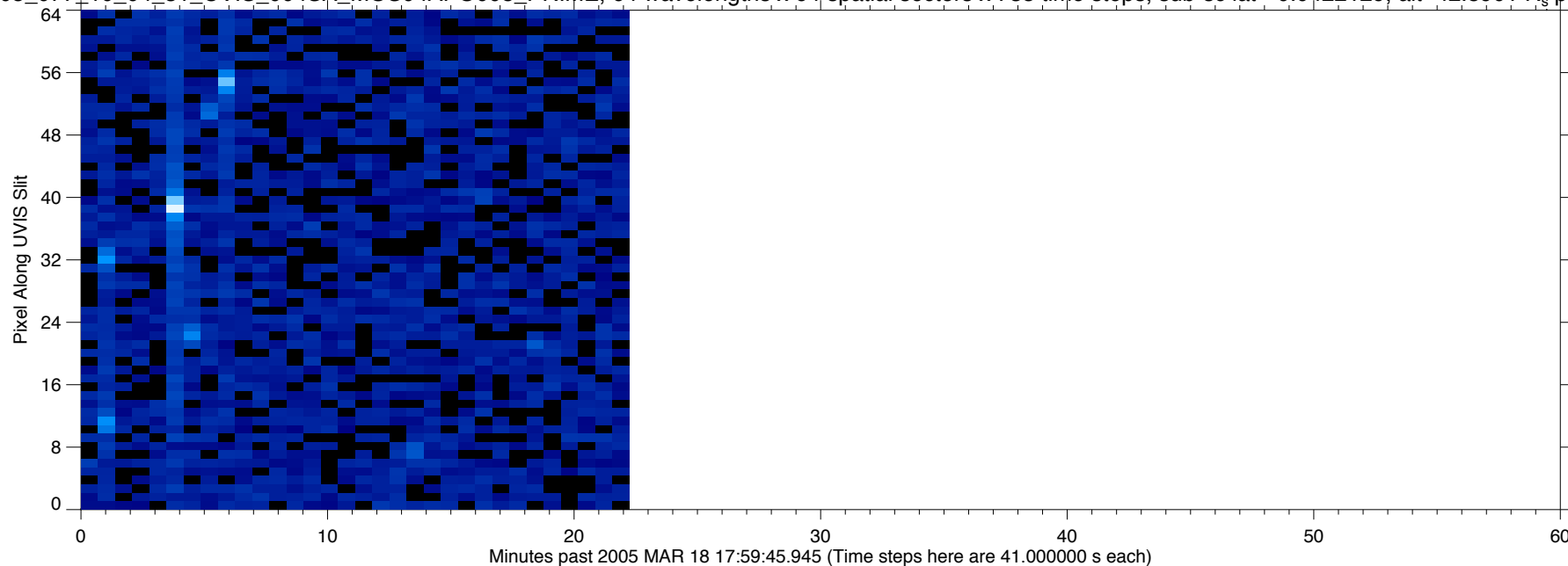
FUV2005_077_10_04_31_UVIS_004SA_MOS04APO008_PRIME, 64 wavelengths x 64 spatial sectors x 735 time steps, sub-sc lat=-0.0422129, alt=42.8901 R_s, phase=68.5985



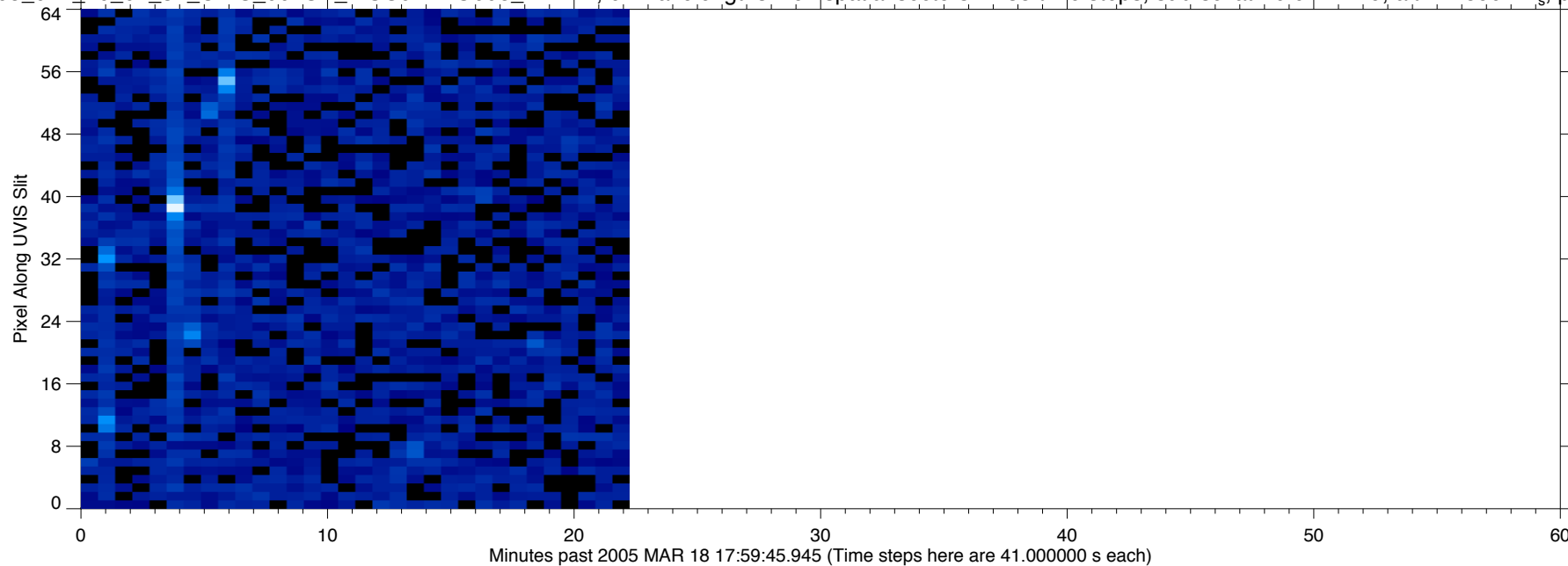
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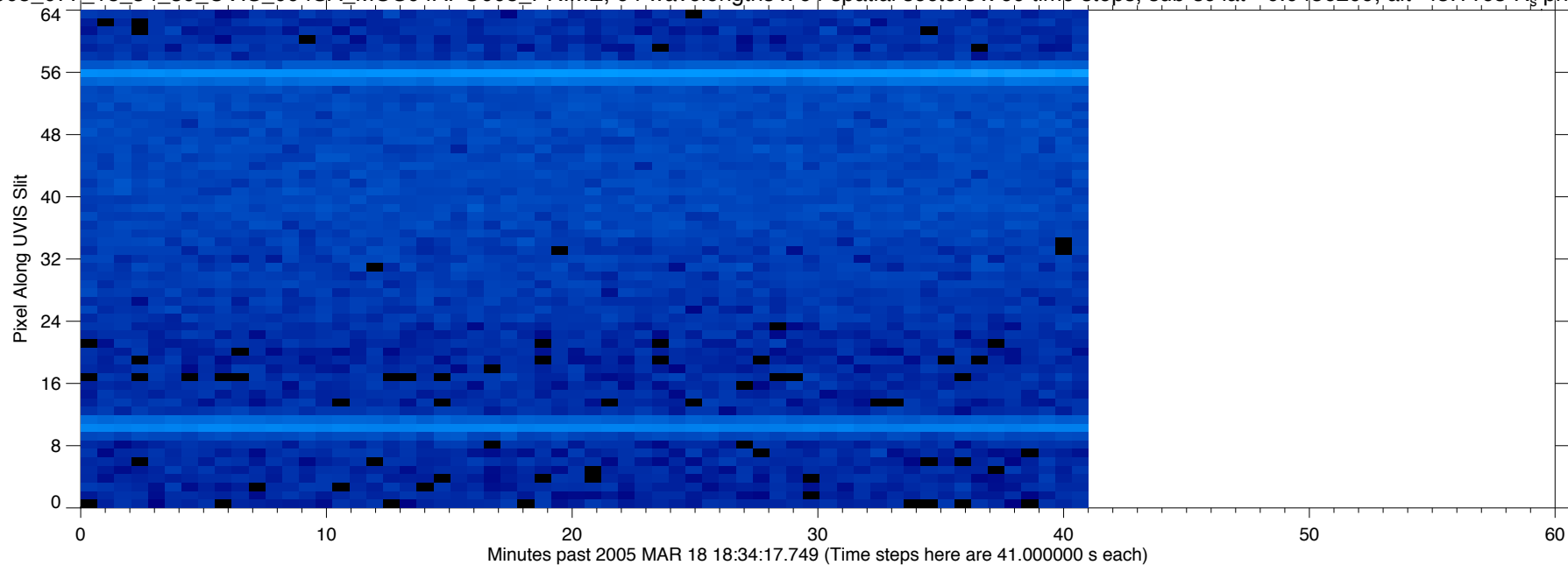
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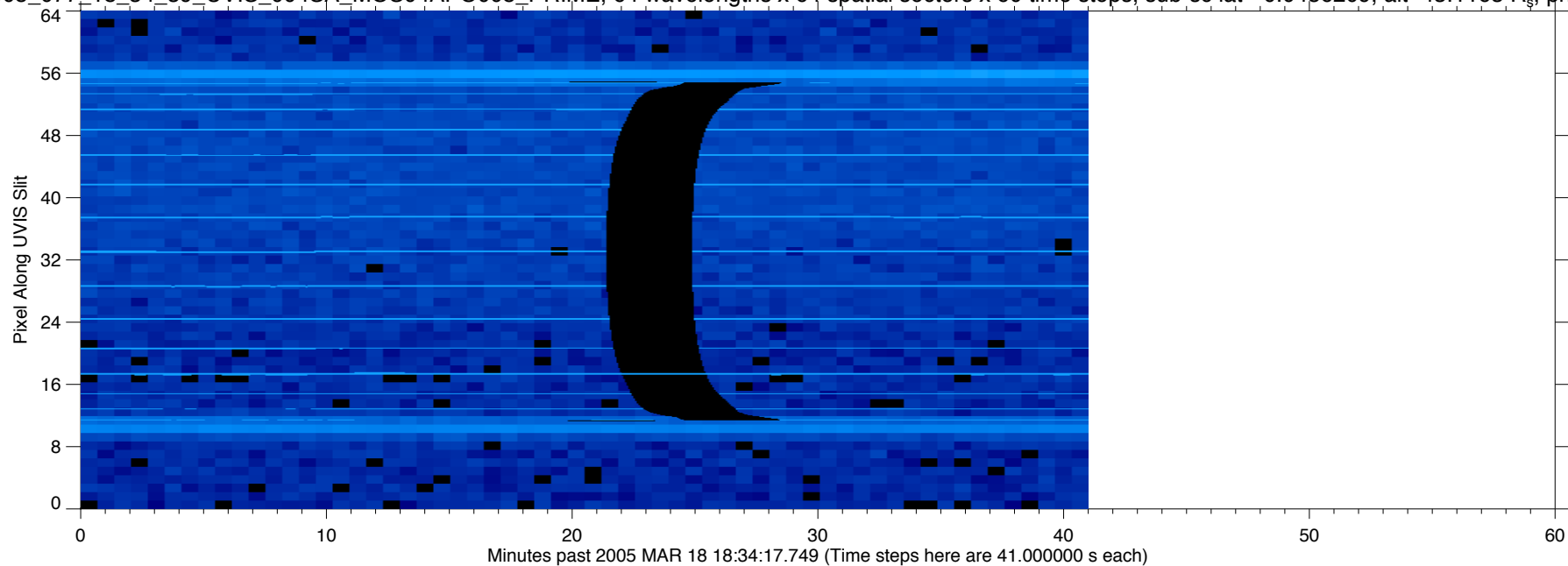
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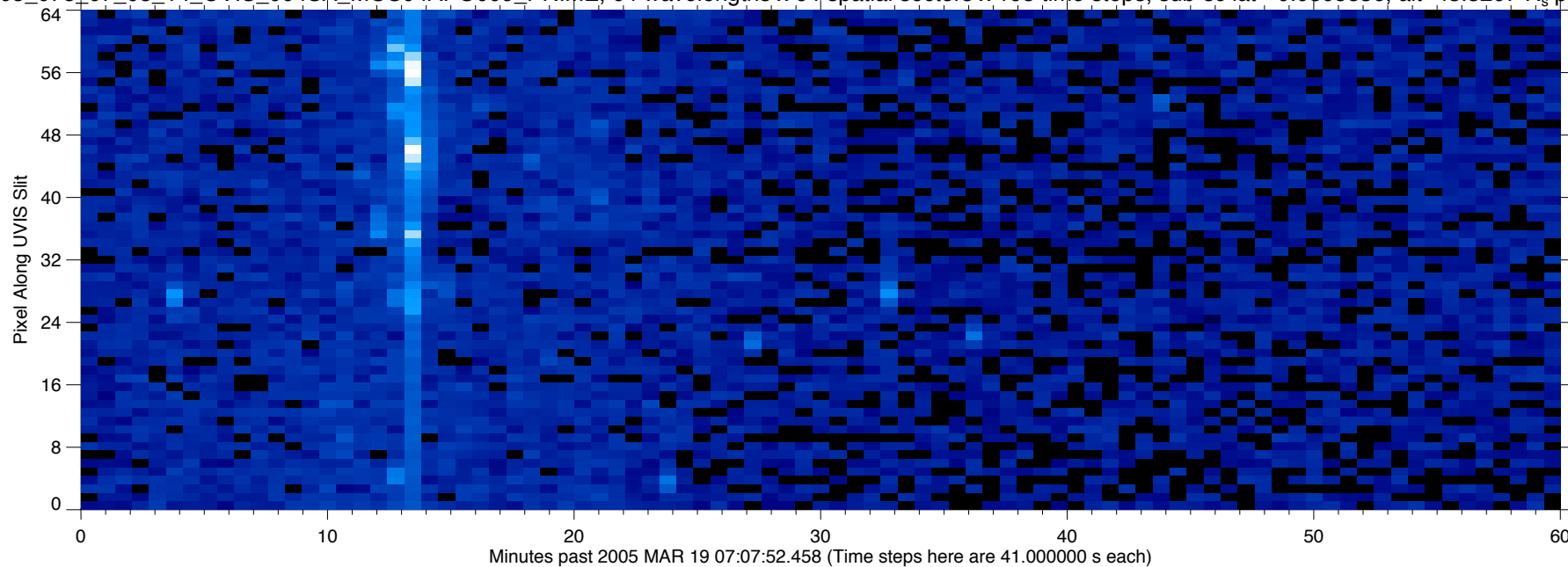
FUV2005_077_18_34_39_UVIS_004SA_MOS04APO008_PRIME, 64 wavelengths x 64 spatial sectors x 60 time steps, sub-sc lat=-0.0456209, alt=43.1163 R_s, phase=67.7334



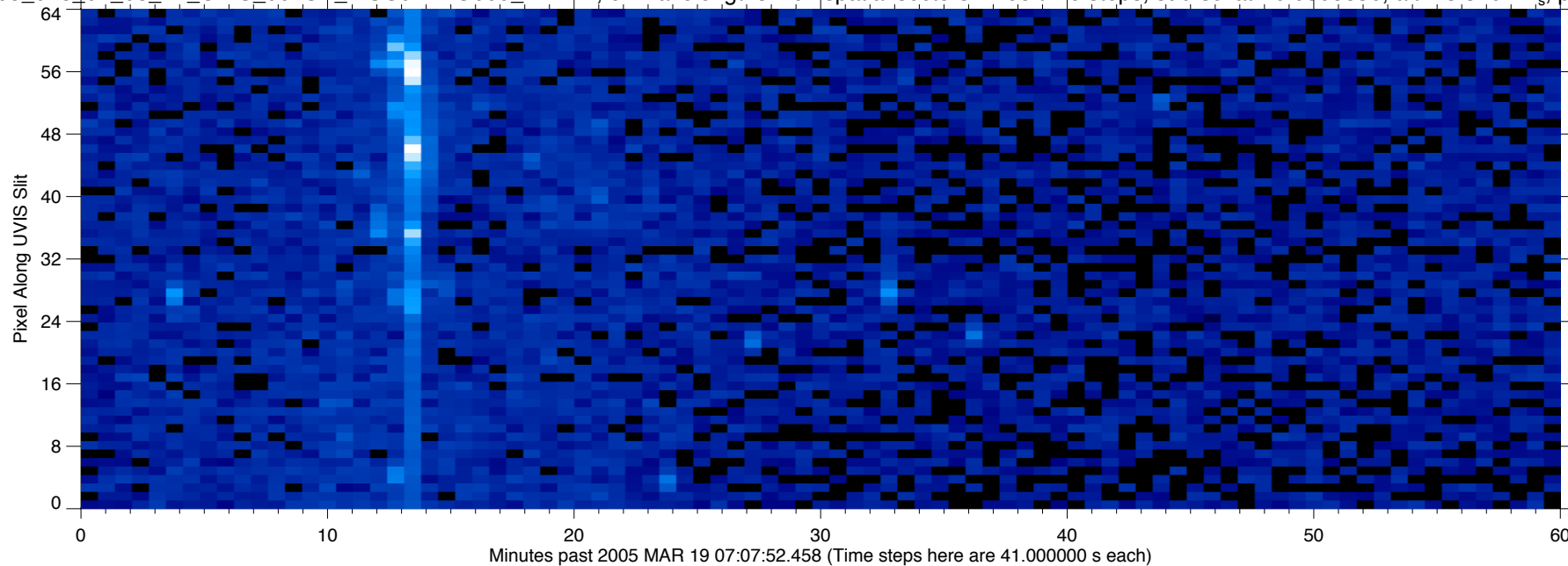
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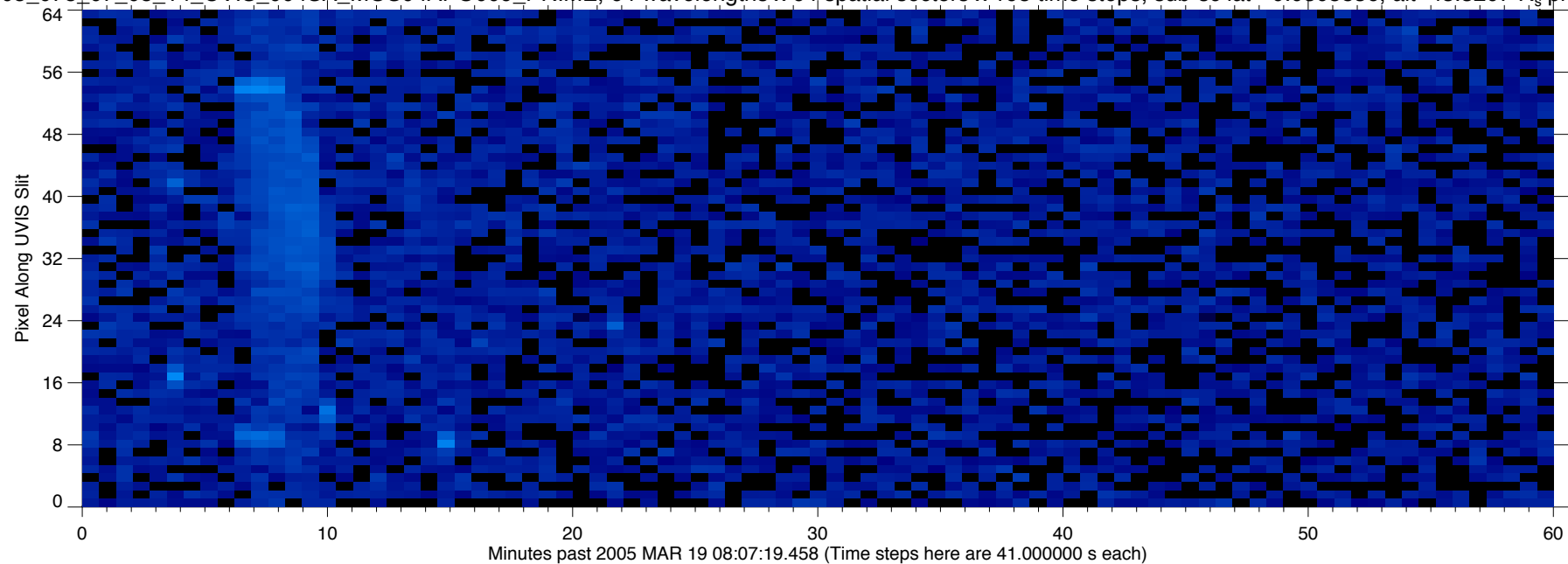
FUV2005_078_07_08_14_UVIS_004SA_MOS04APO009_PRIME, 64 wavelengths x 64 spatial sectors x 195 time steps, sub-sc lat=-0.0505836, alt=43.3207 R_s, phase=66.4702



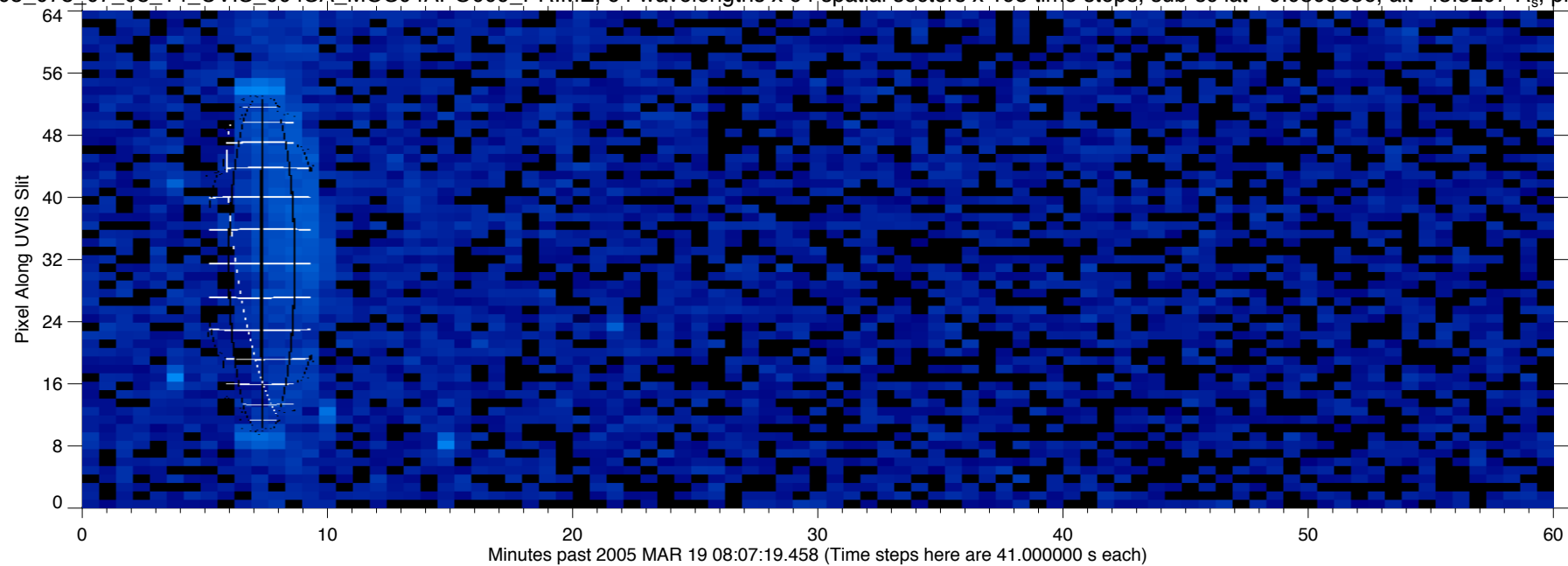
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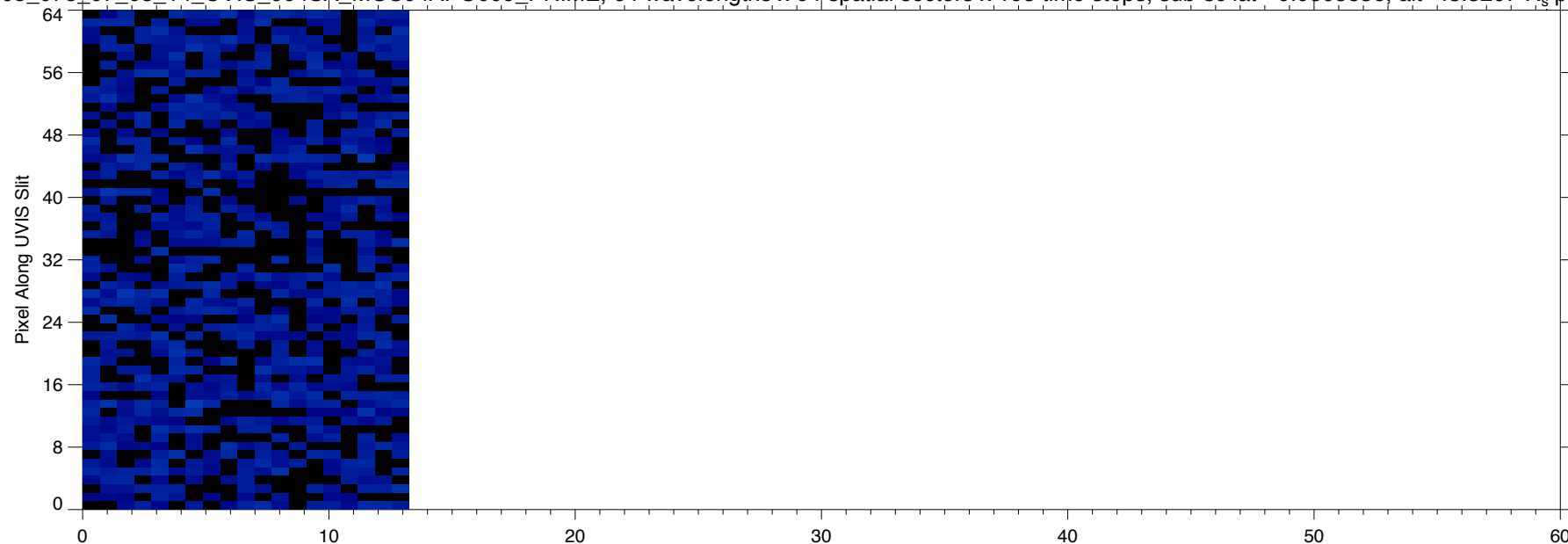
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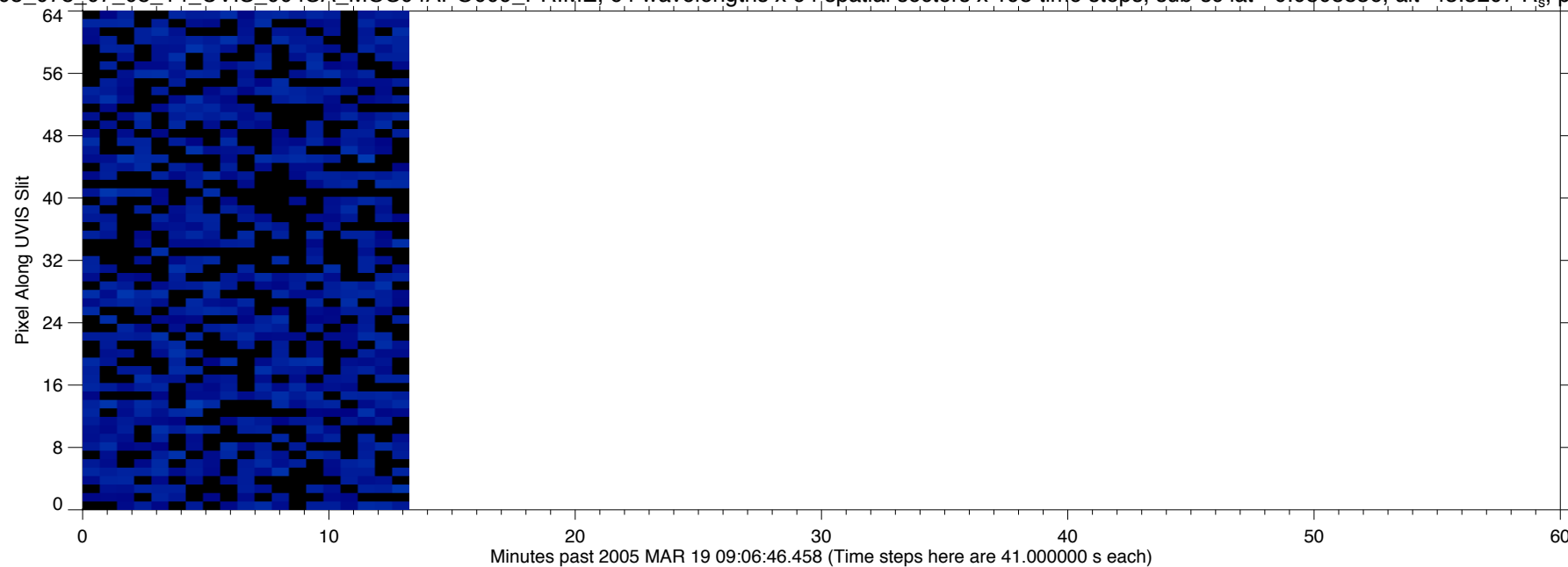
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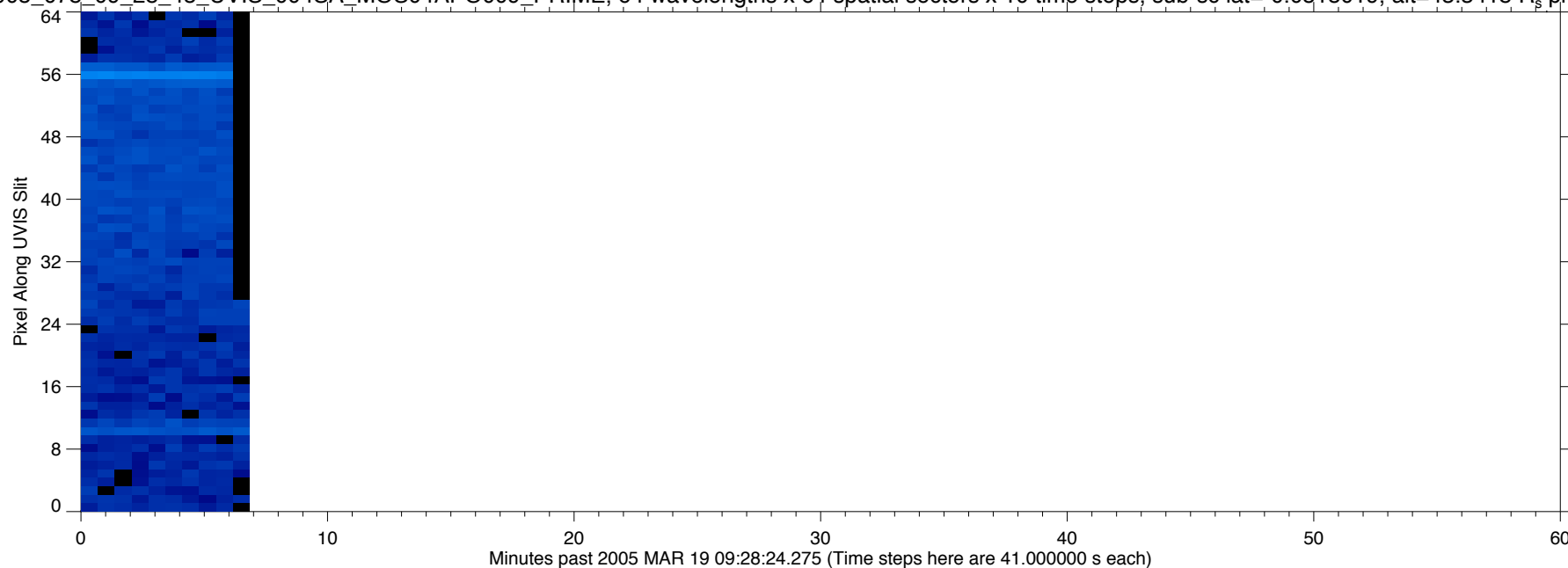
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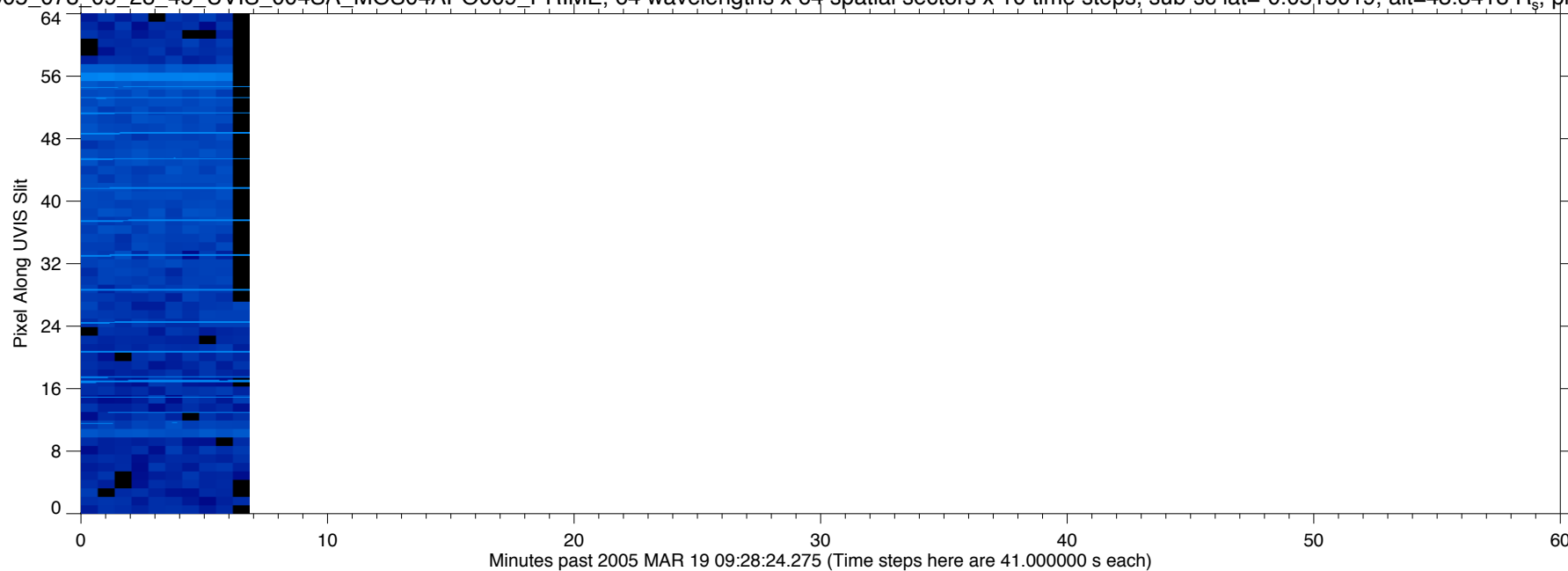
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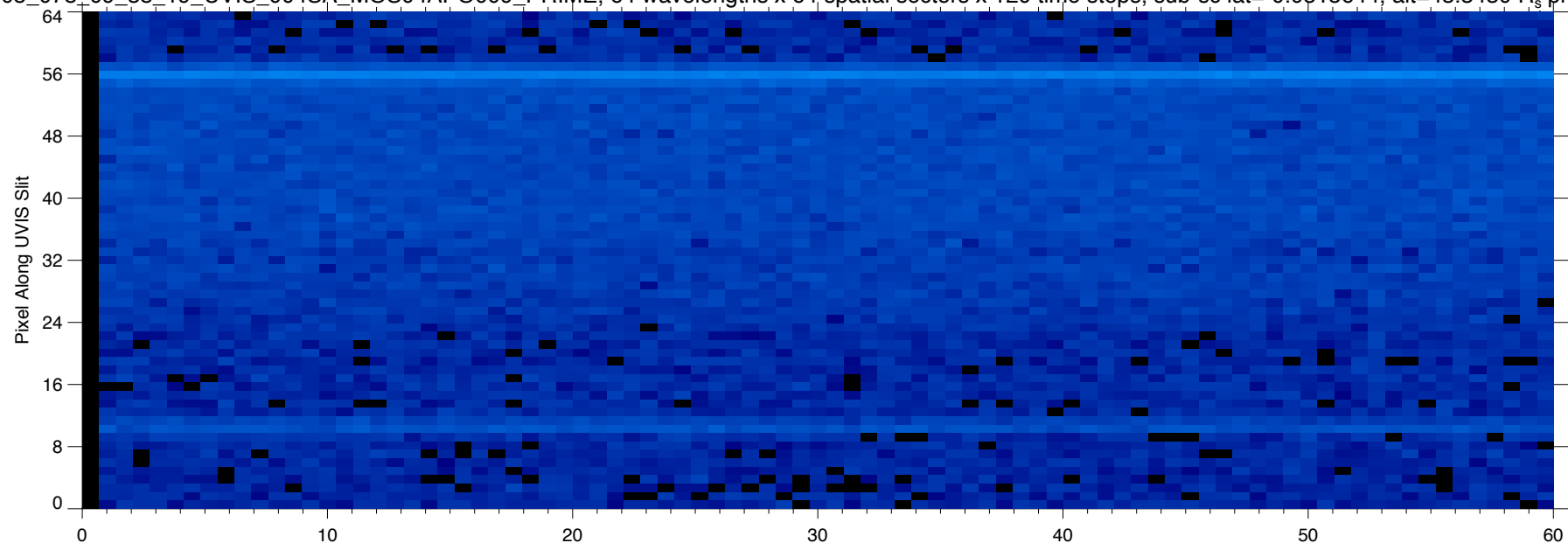
FUV2005_078_09_28_45_UVIS_004SA_MOS04APO009_PRIME, 64 wavelengths x 64 spatial sectors x 10 time steps, sub-sc lat=-0.0515019, alt=43.3418 R_s, phase=66.2359



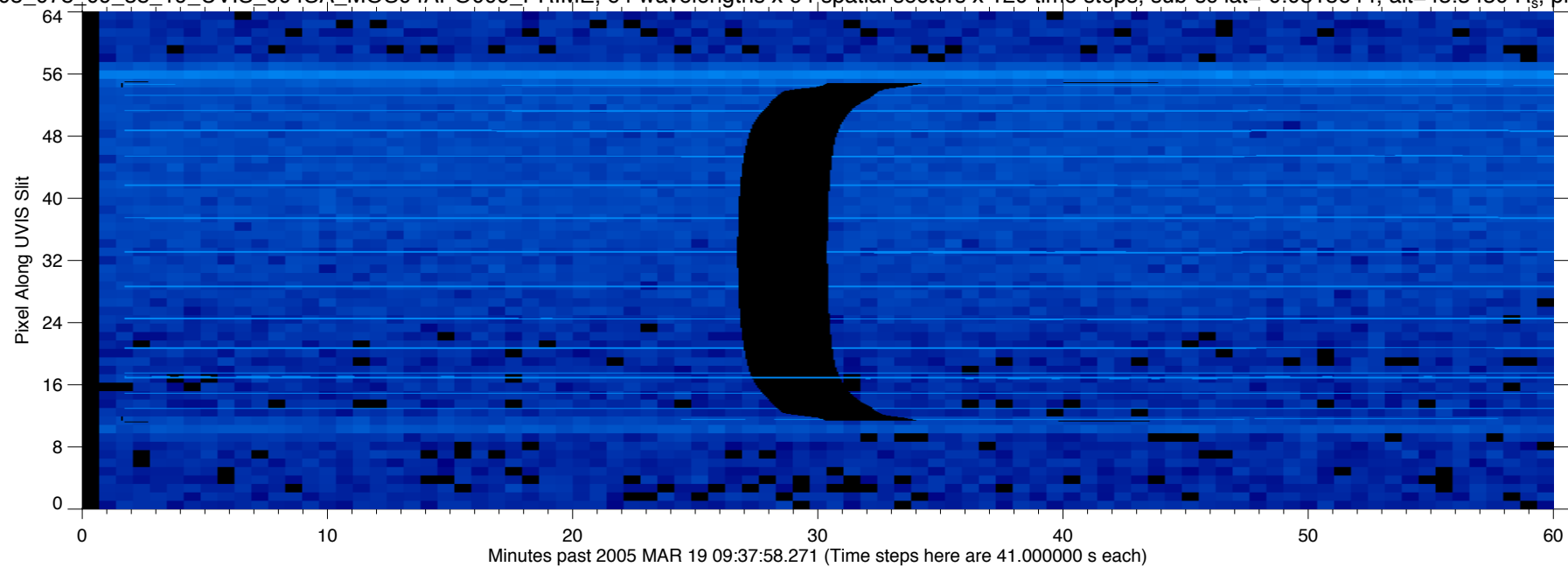
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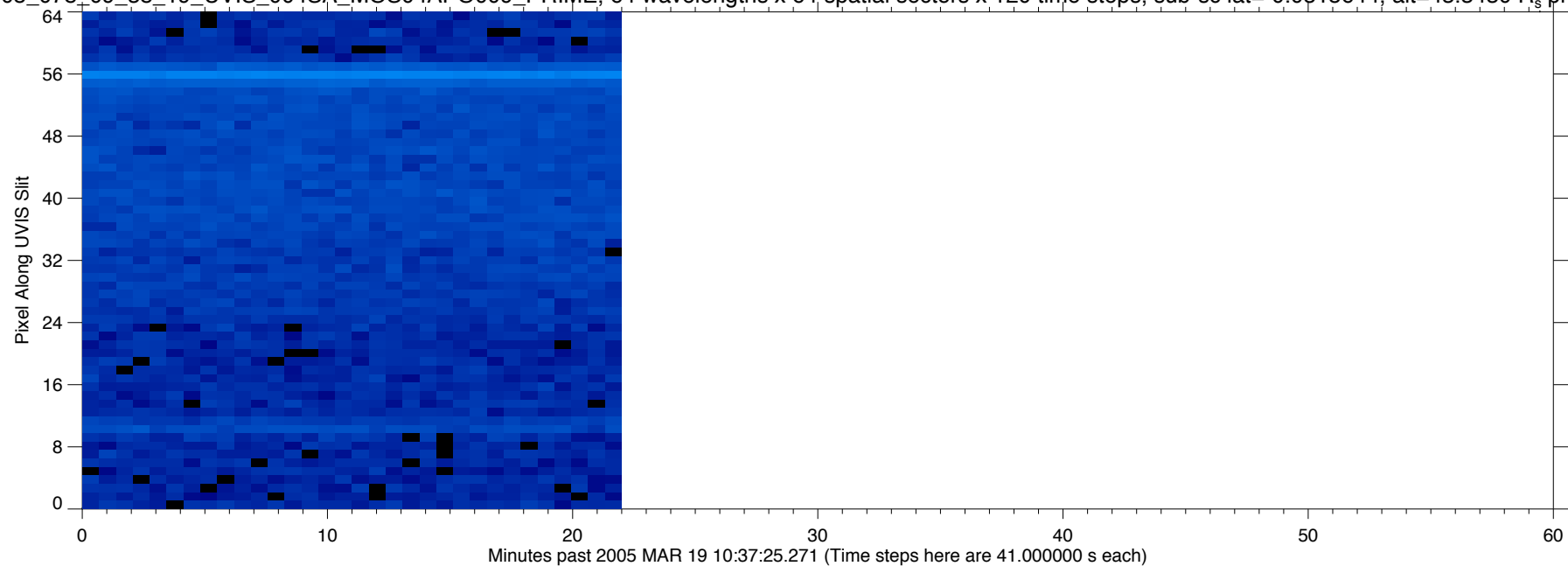
FUV2005_078_09_38_19_UVIS_004SA_MOS04APO009_PRIME, 64 wavelengths x 64 spatial sectors x 120 time steps, sub-sc lat=-0.0515644, alt=43.3430 R_s, phase=66.2200



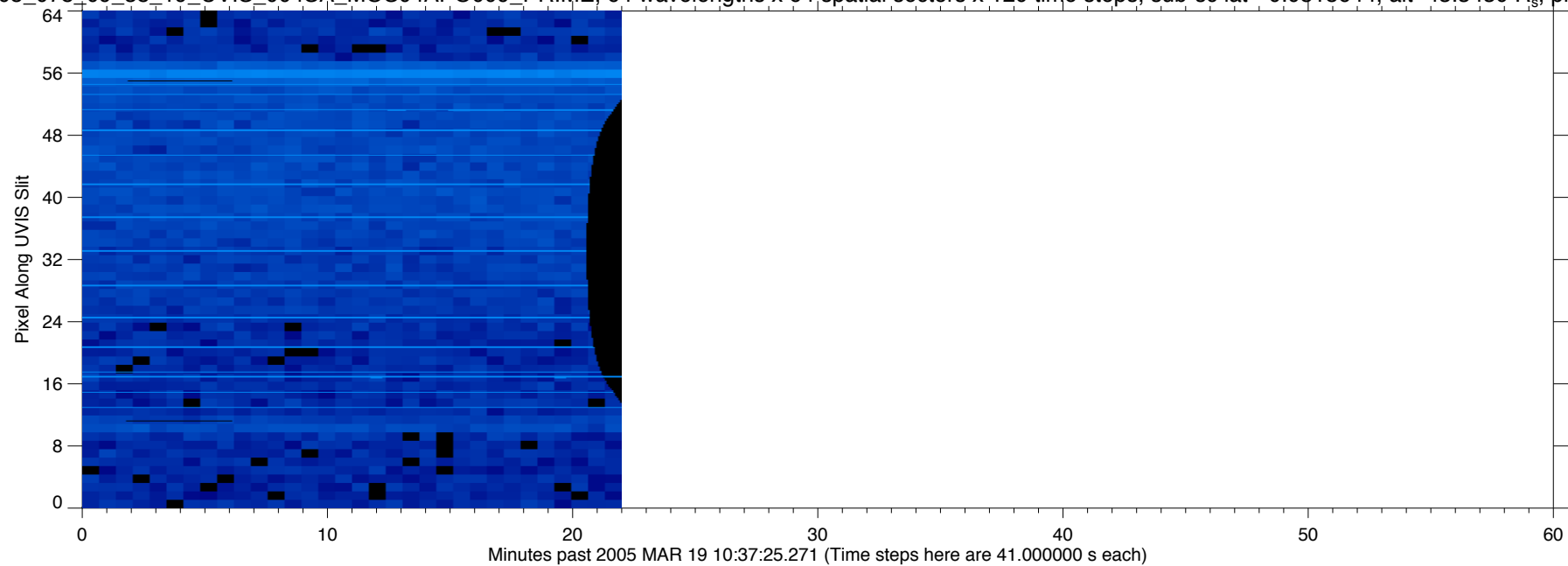
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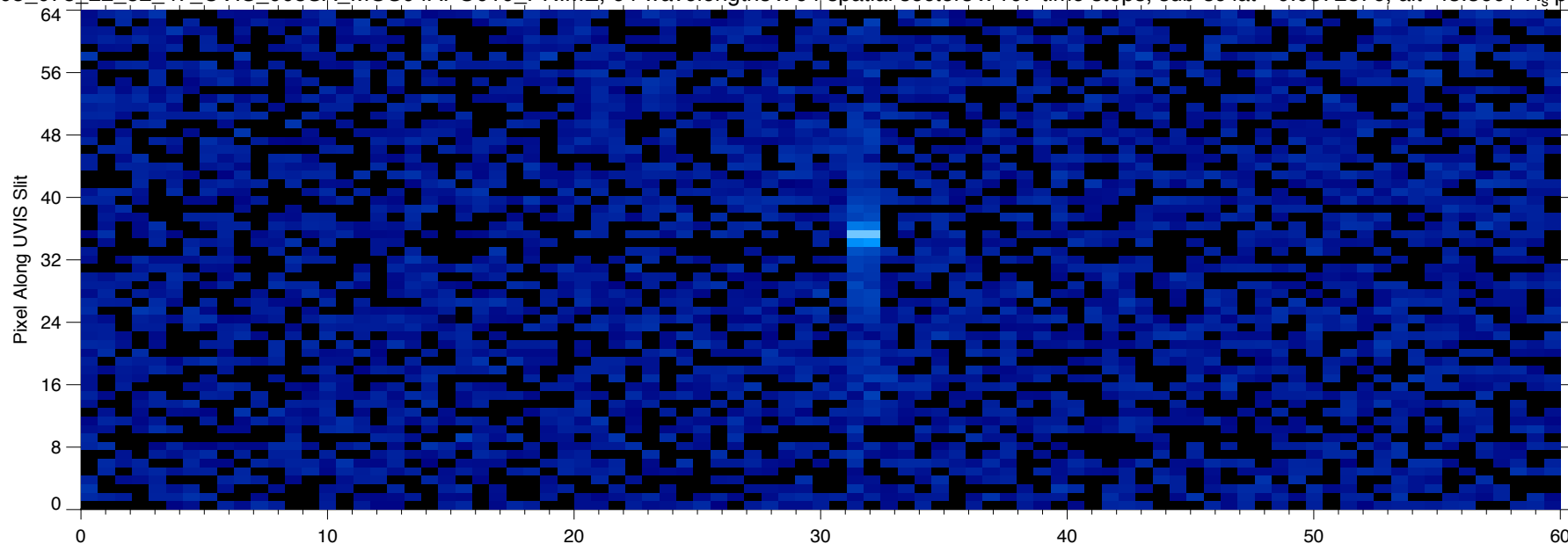
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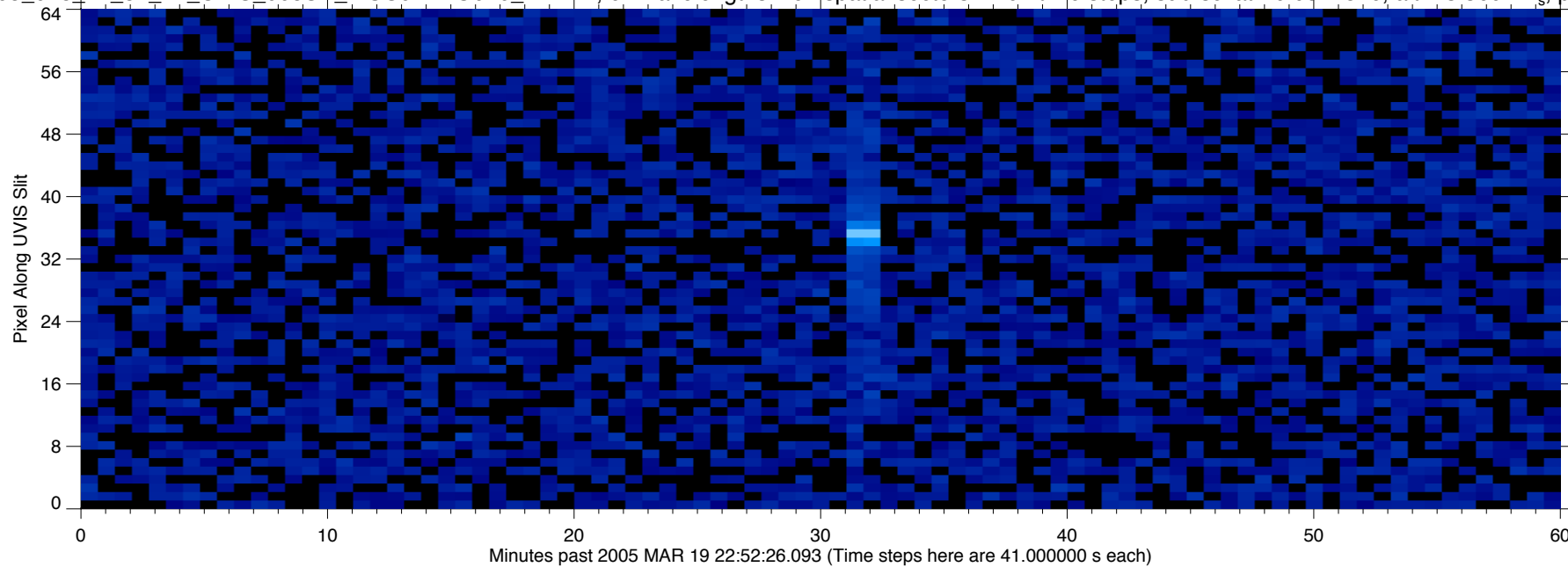
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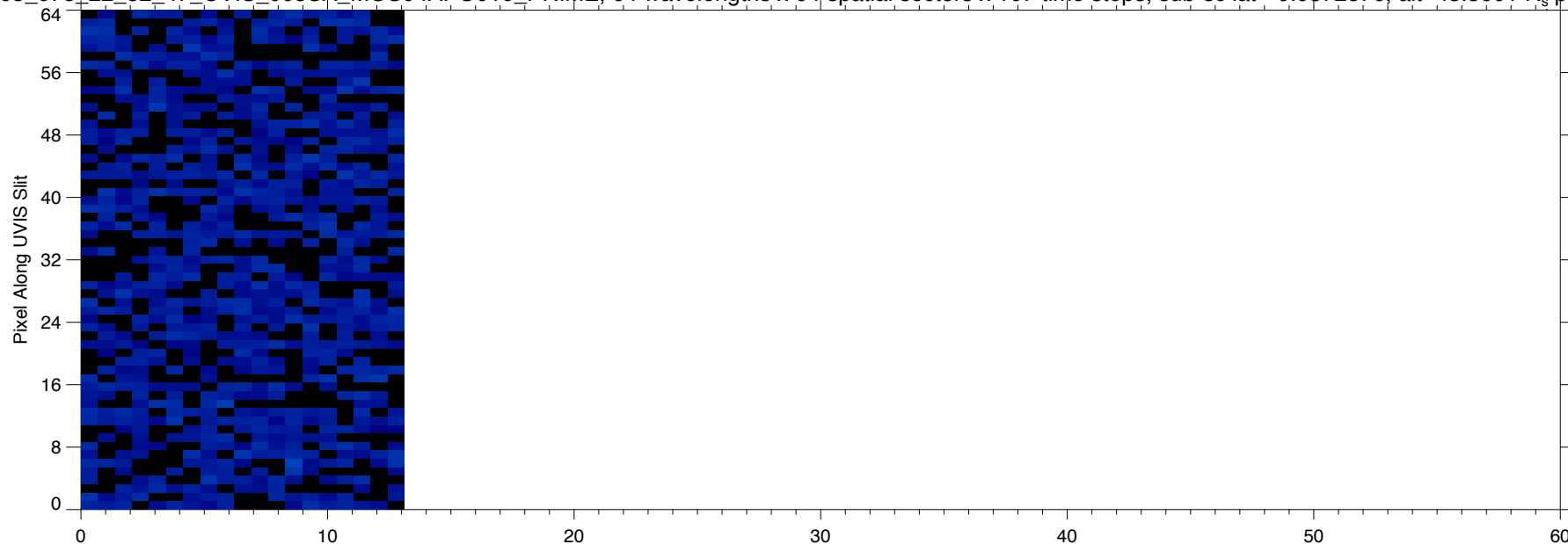
FUV2005_078_22_52_47_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 107 time steps, sub-sc lat=-0.0572876, alt=43.3601 R_s, phase=64.8993



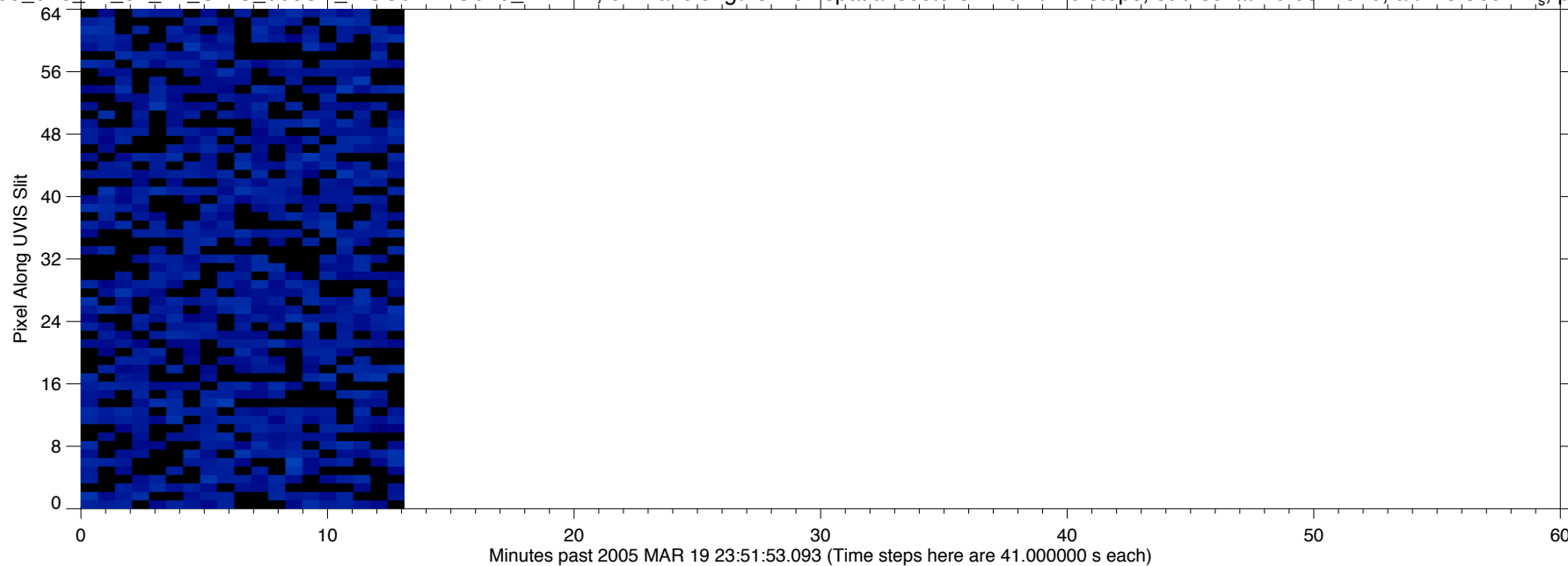
FUV2005_078_22_52_47_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 107 time steps, sub-sc lat=-0.0572876, alt=43.3601 R_s, phase=64.8993



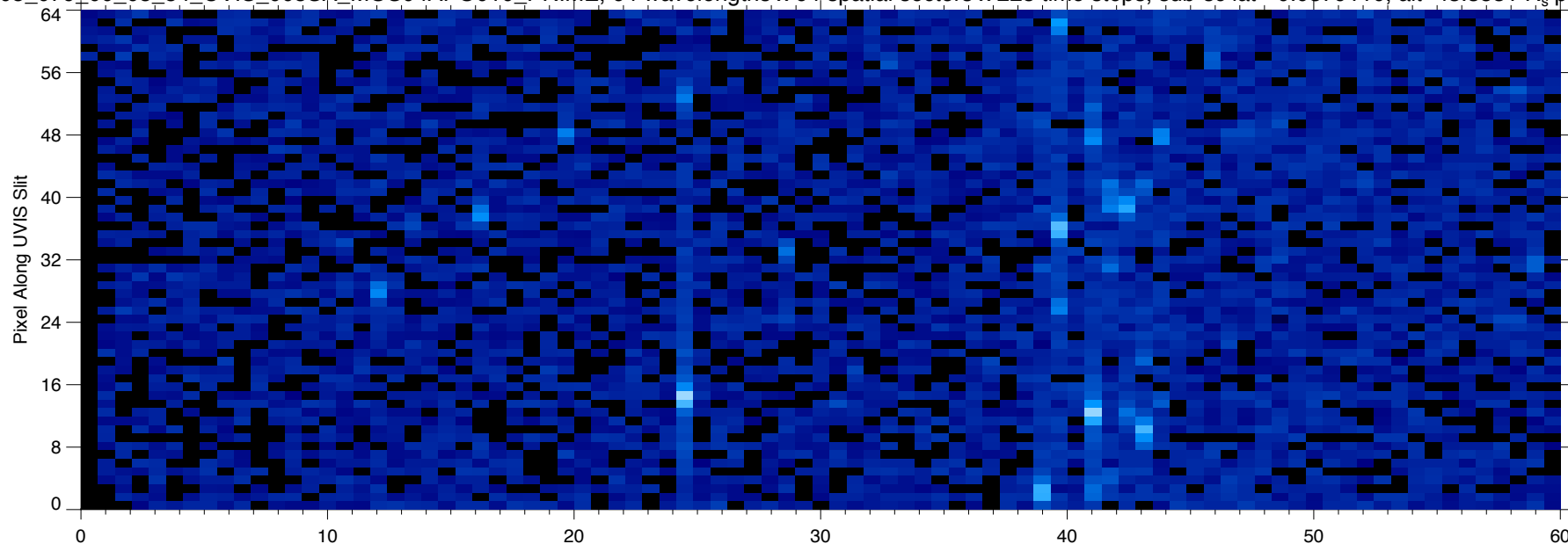
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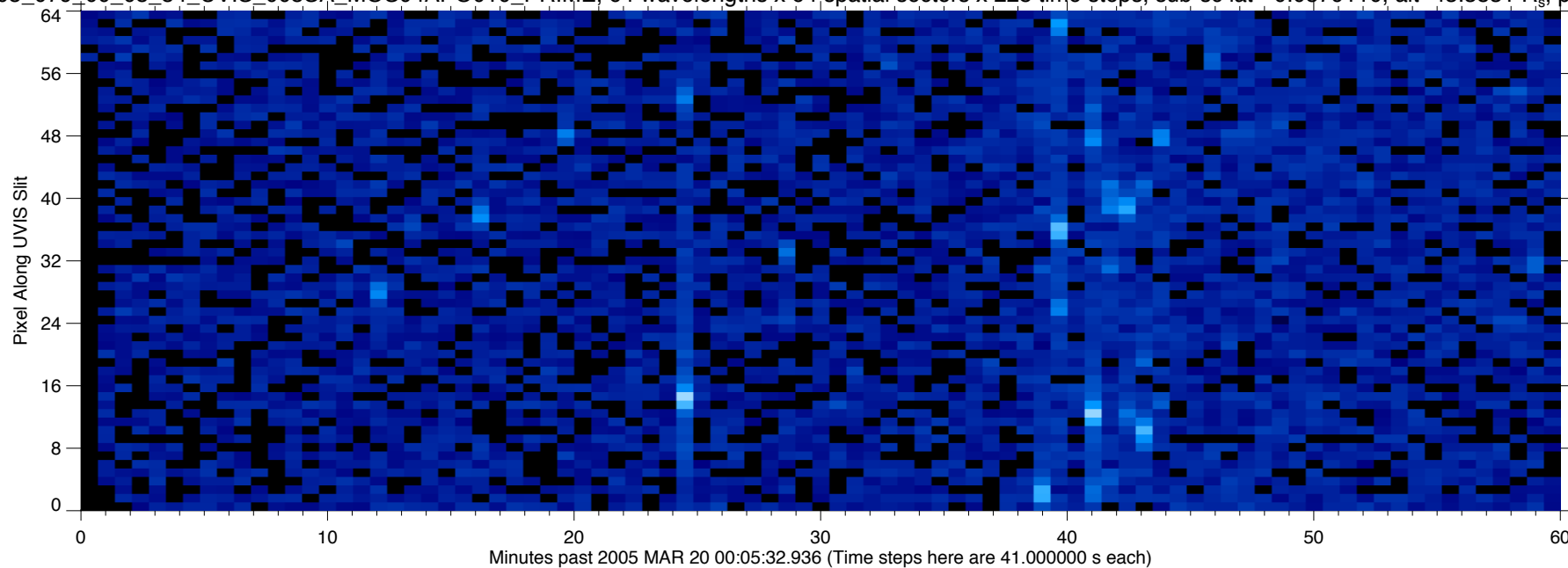
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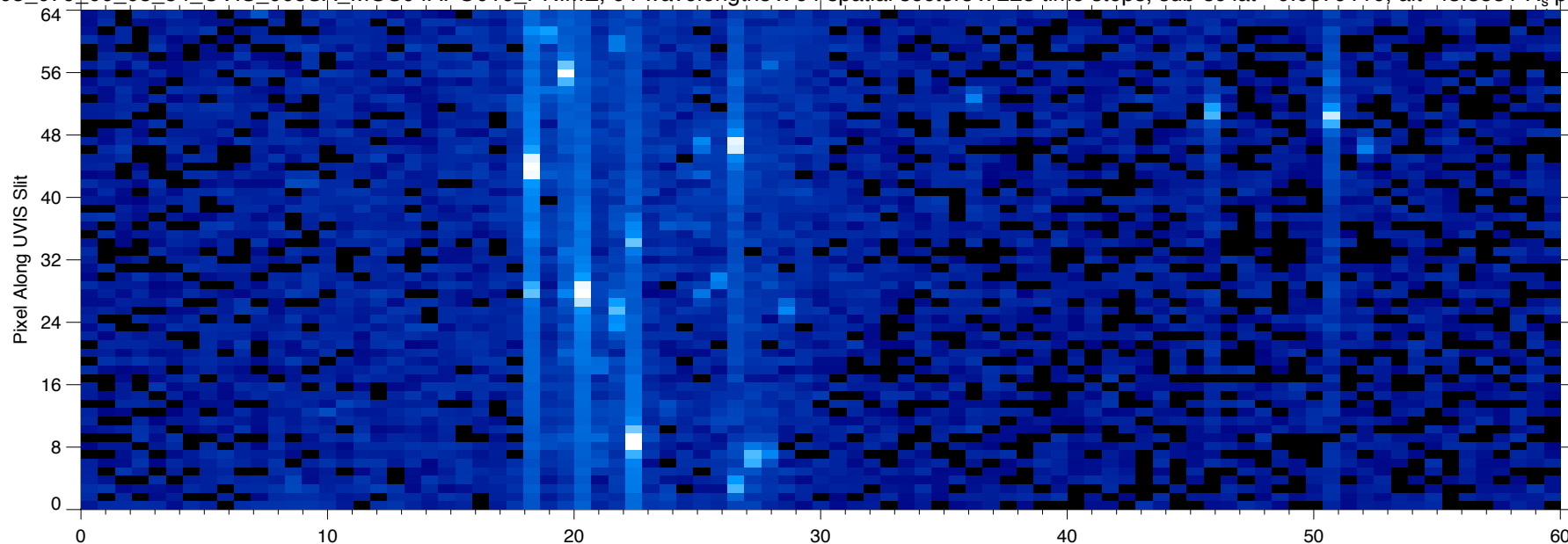
FUV2005_079_00_05_54_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 228 time steps, sub-sc lat=-0.0579110, alt=43.3531 R_s phase=64.7778



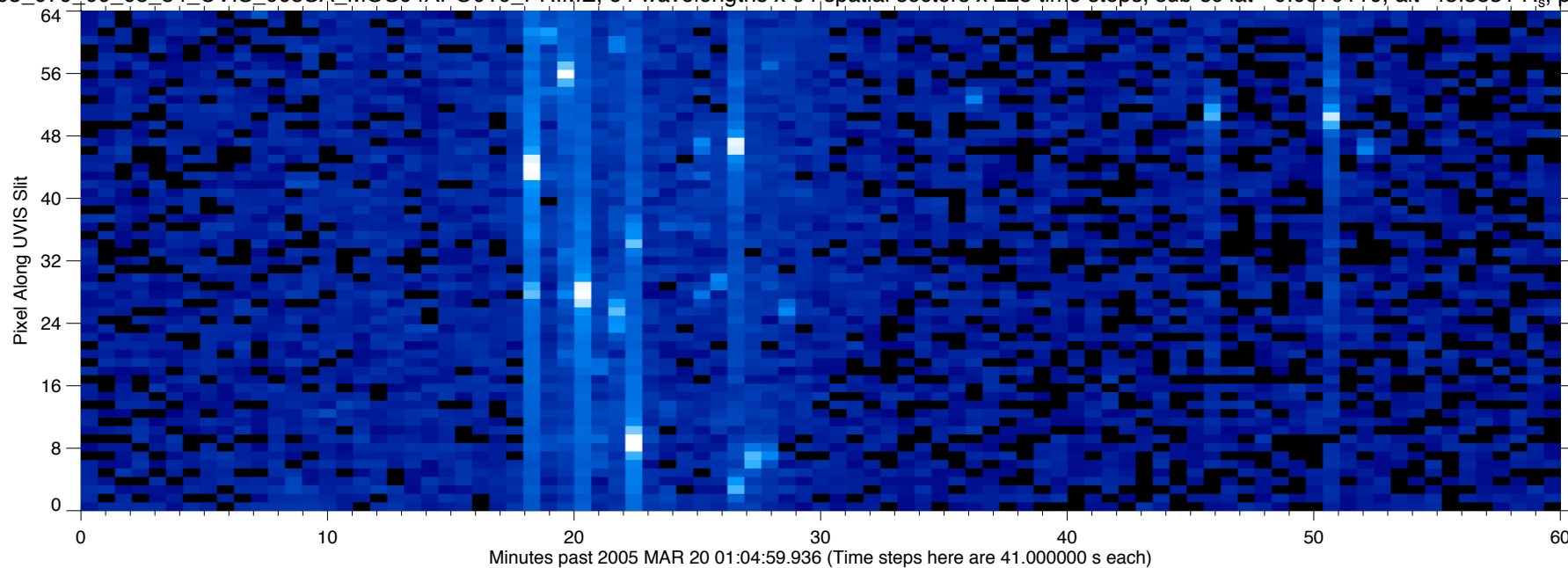
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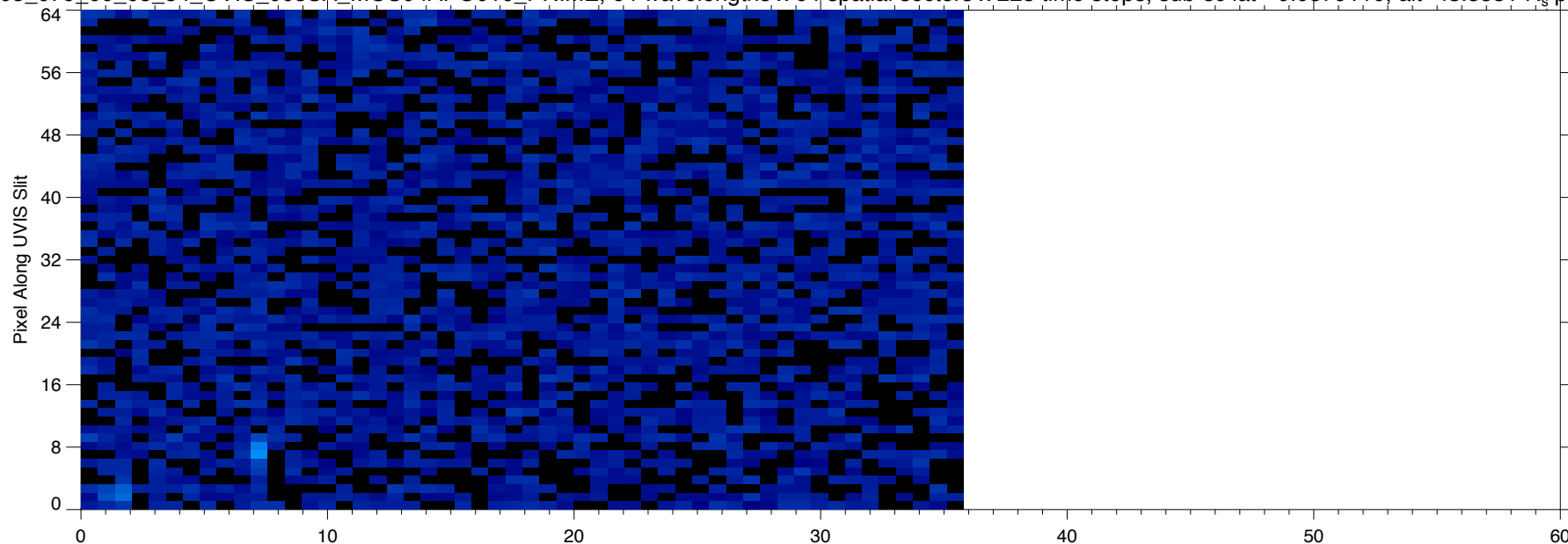
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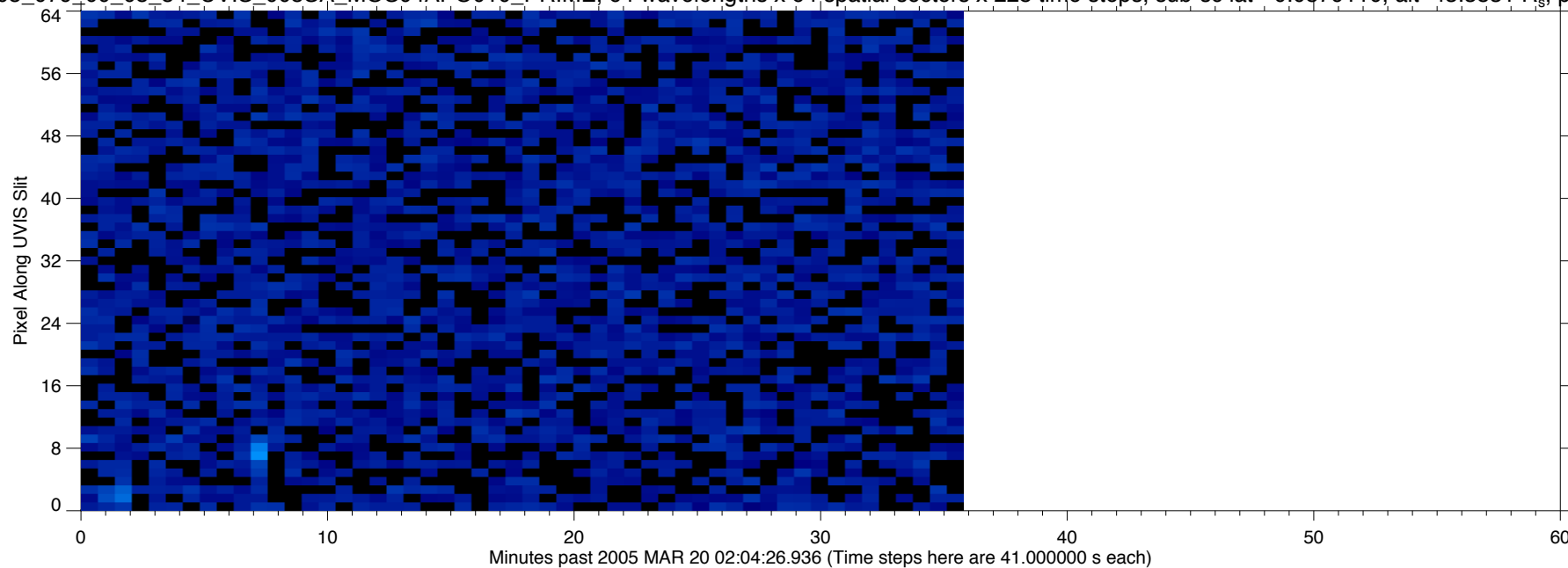
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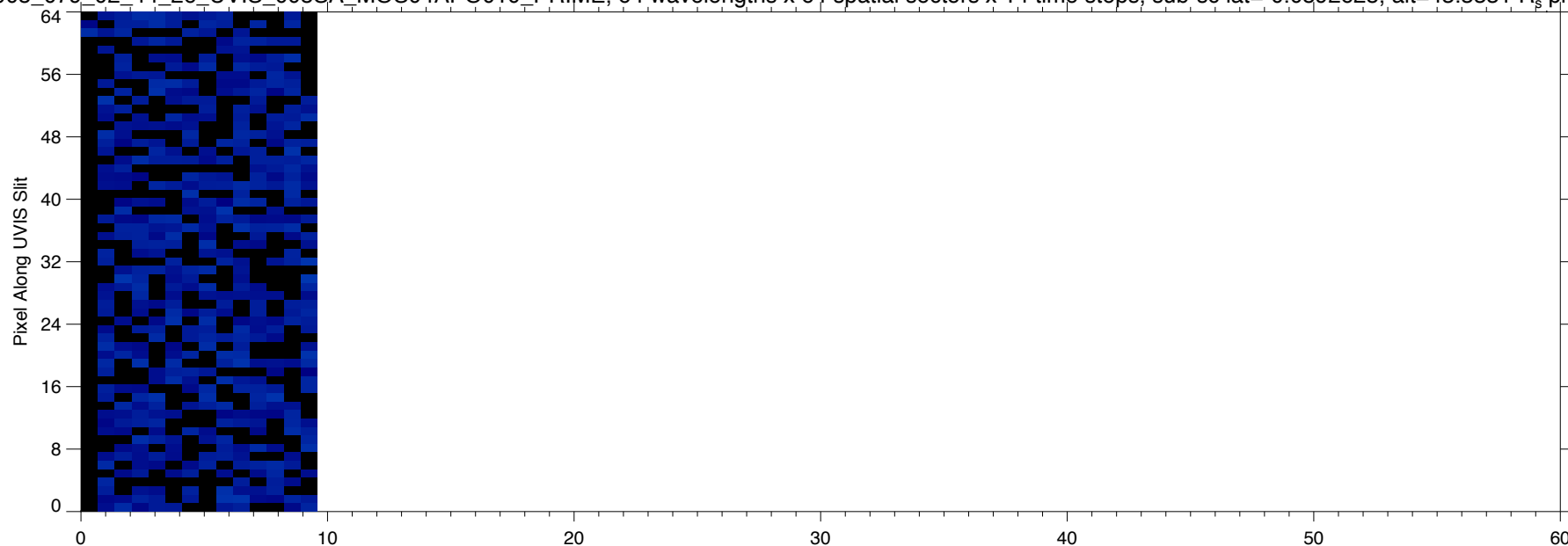
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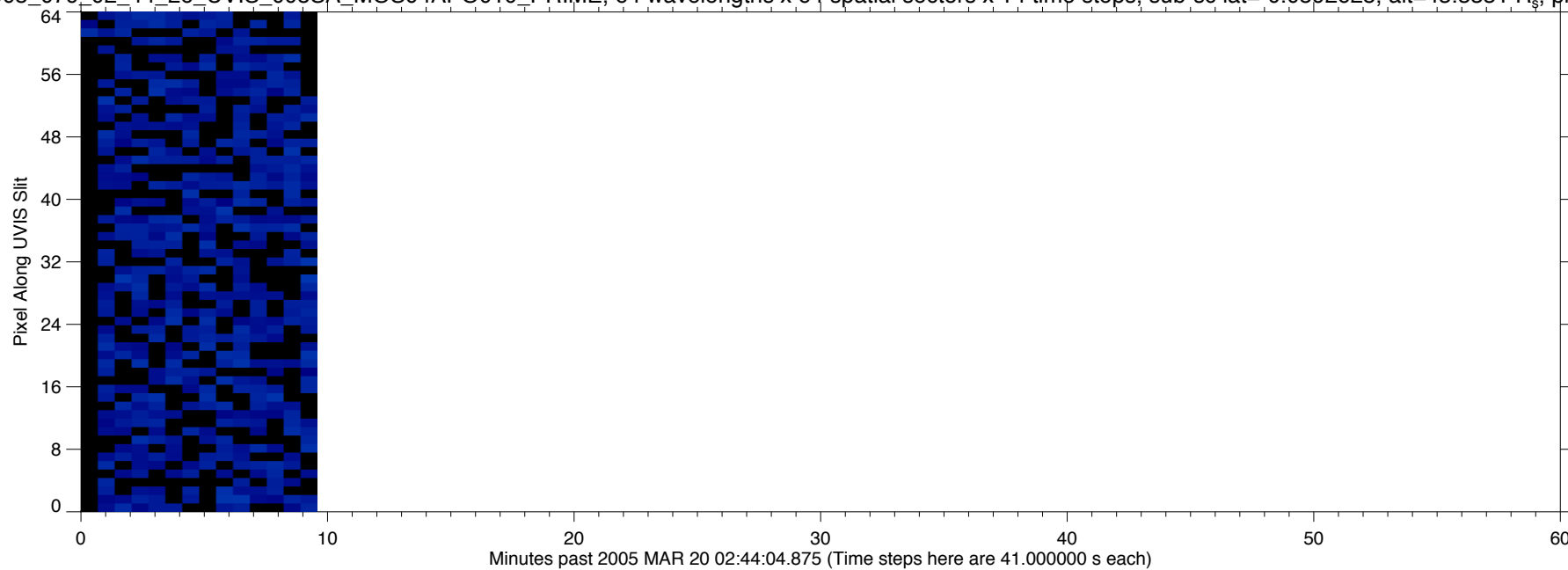
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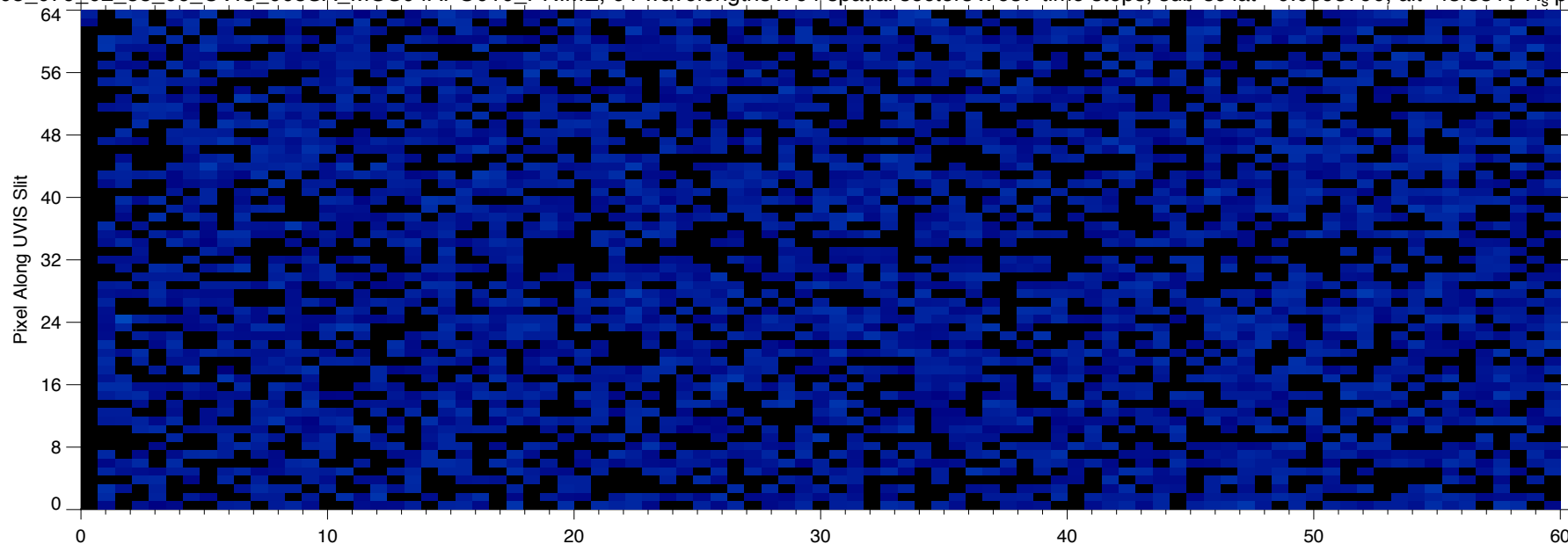
FUV2005_079_02_44_26_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 14 time steps, sub-sc lat=-0.0592625, alt=43.3331 R_s phase=64.5143



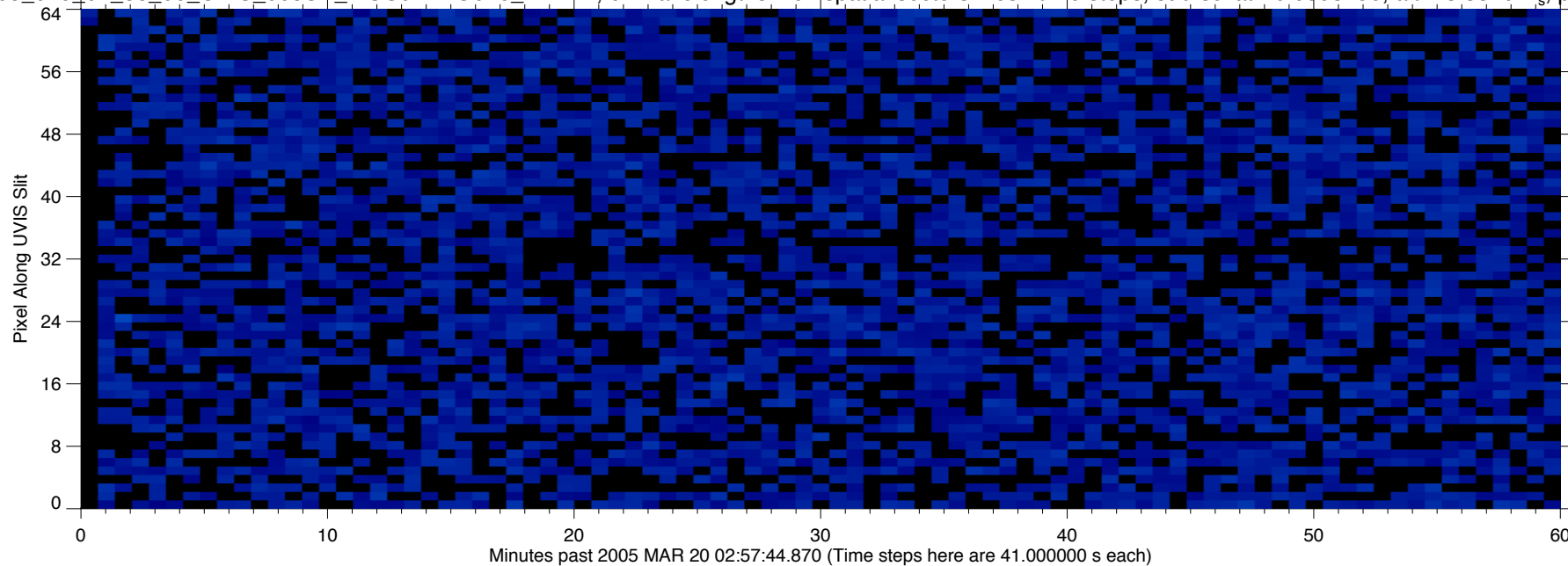
FUV2005_079_02_44_26_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 14 time steps, sub-sc lat=-0.0592625, alt=43.3331 R_s phase=64.5143



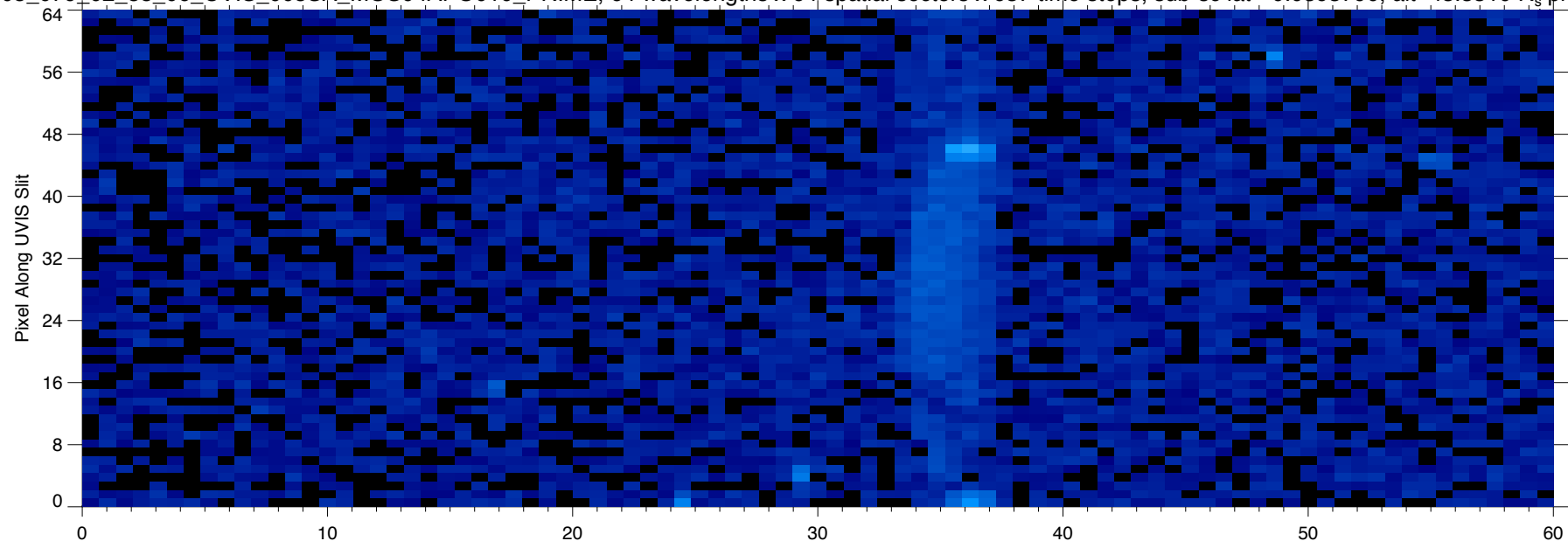
FUV2005_079_02_58_06_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 637 time steps, sub-sc lat=-0.0593790, alt=43.3310 R_s, phase=64.4916



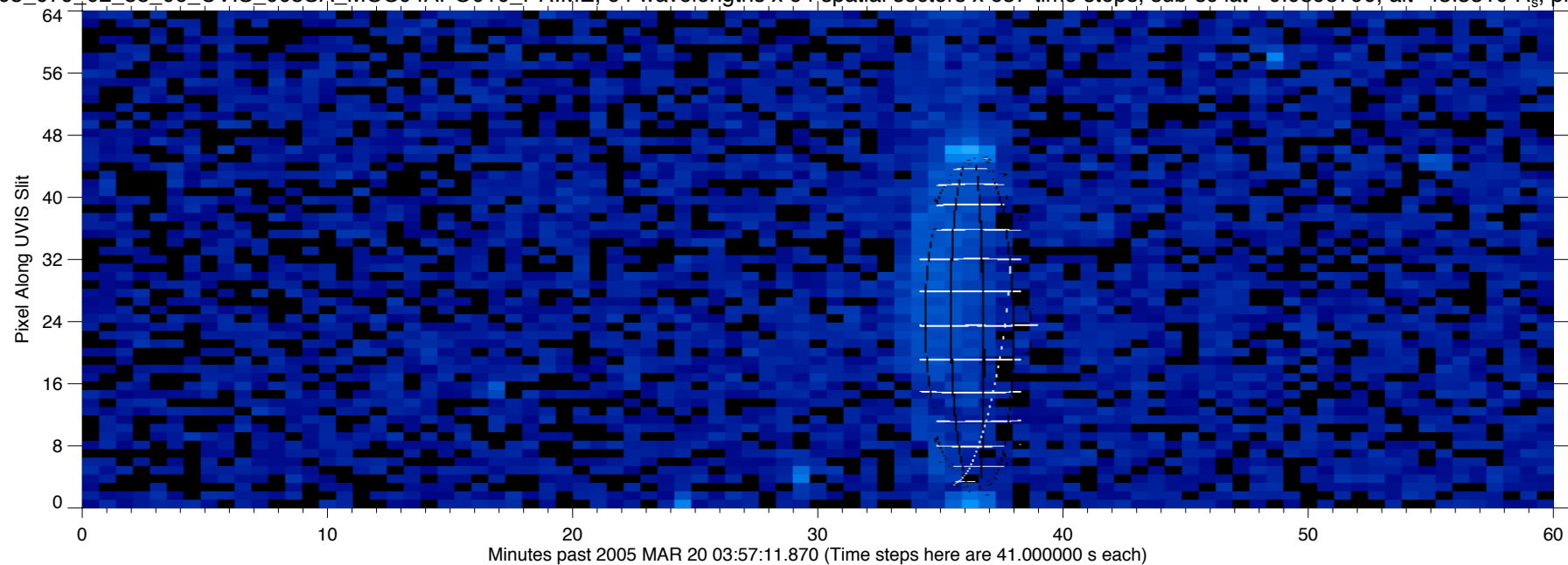
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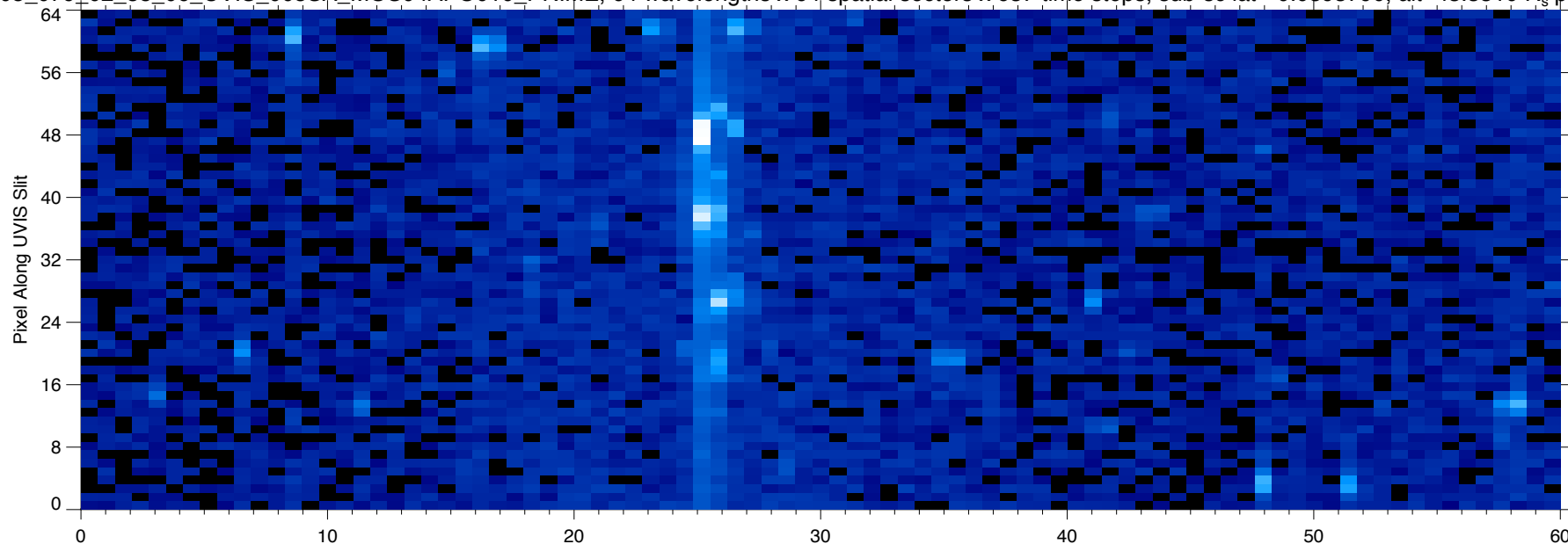
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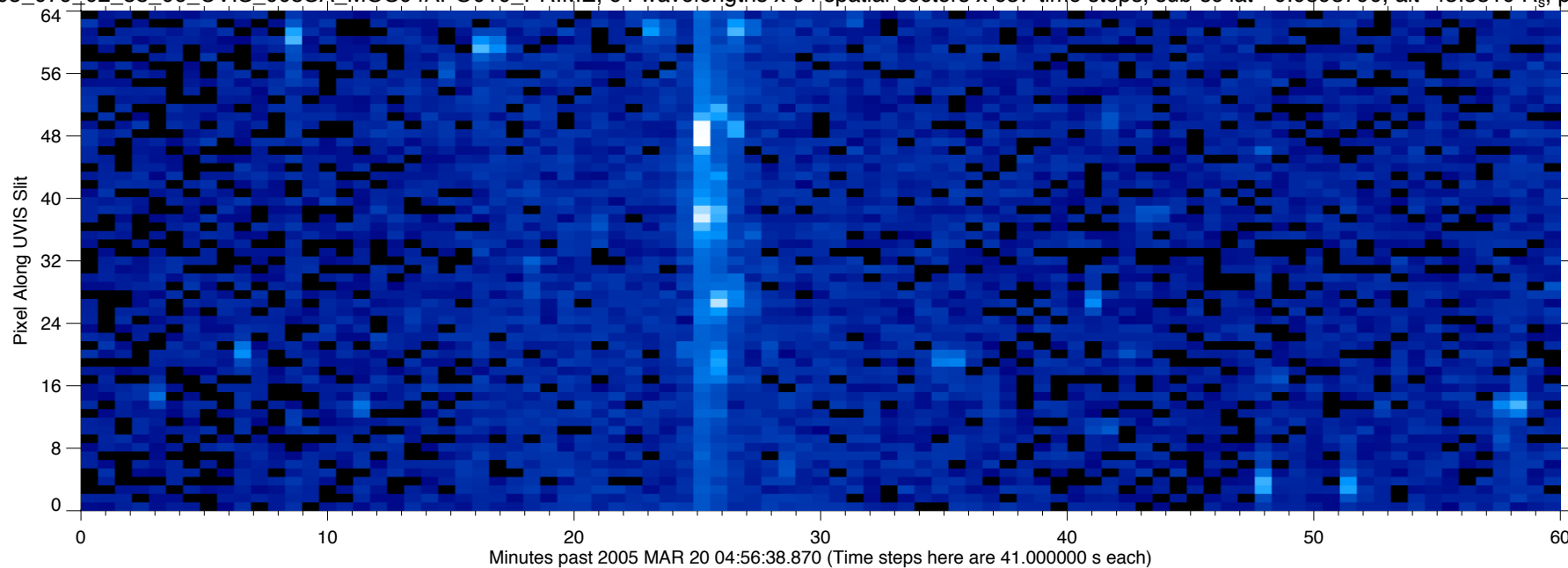
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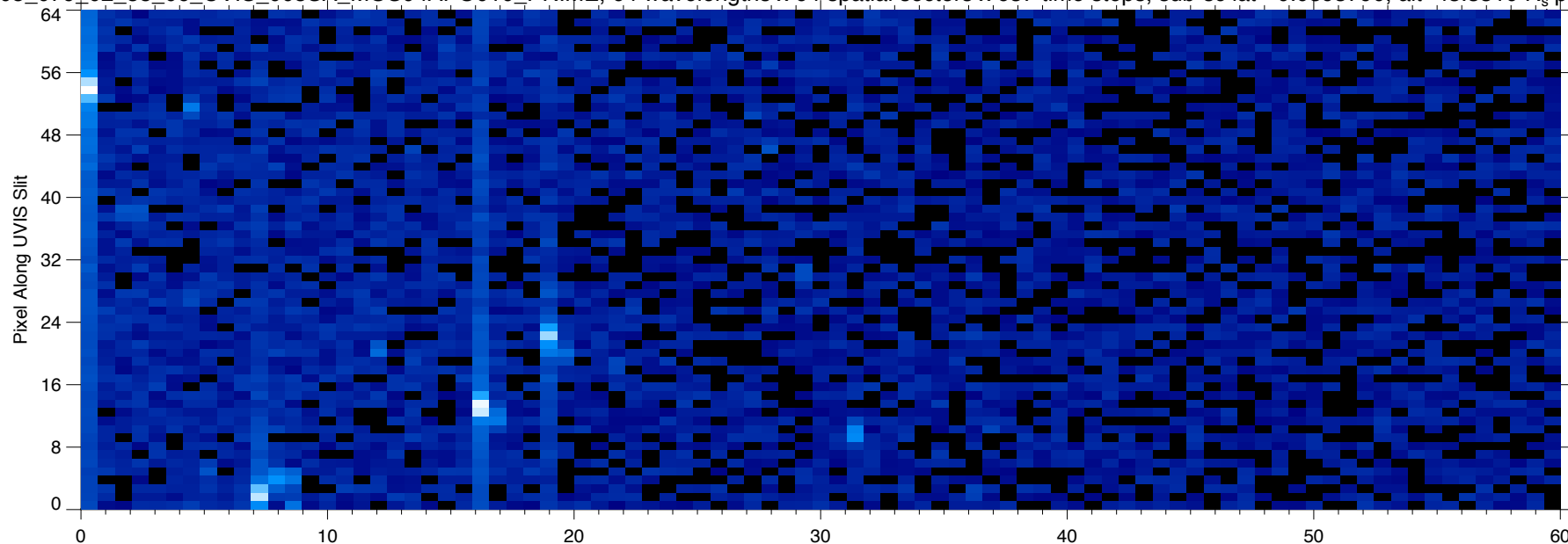
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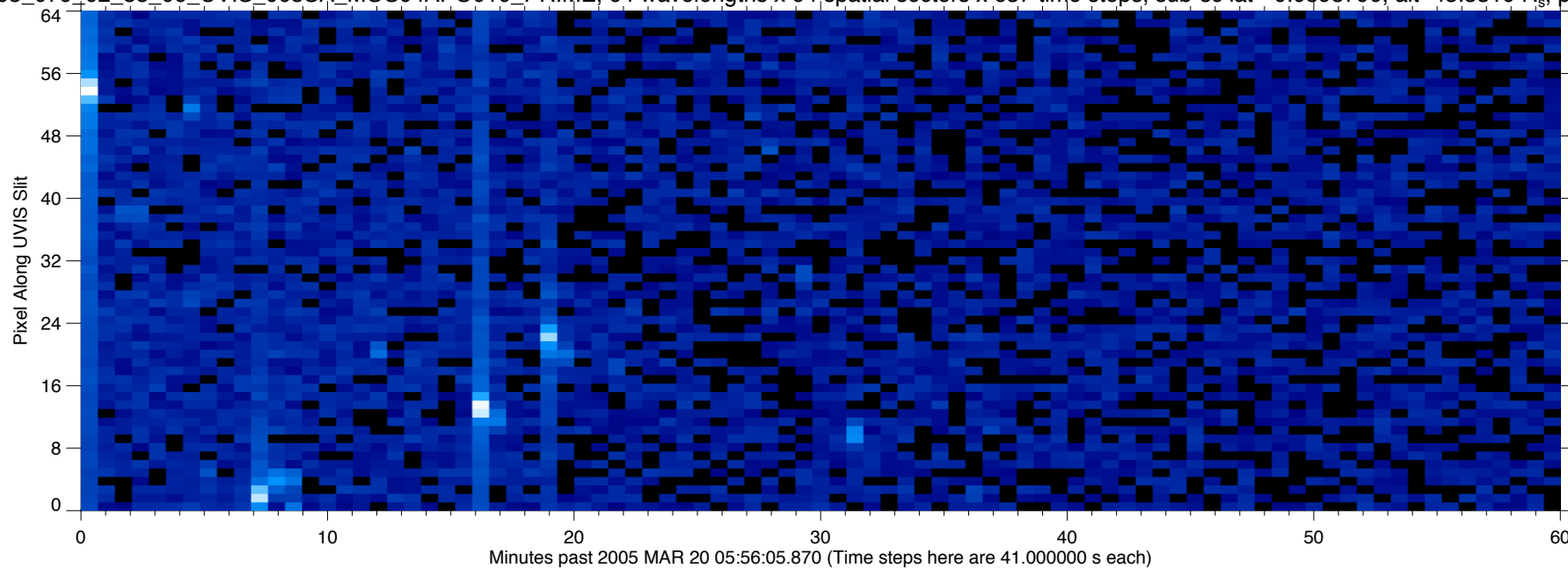
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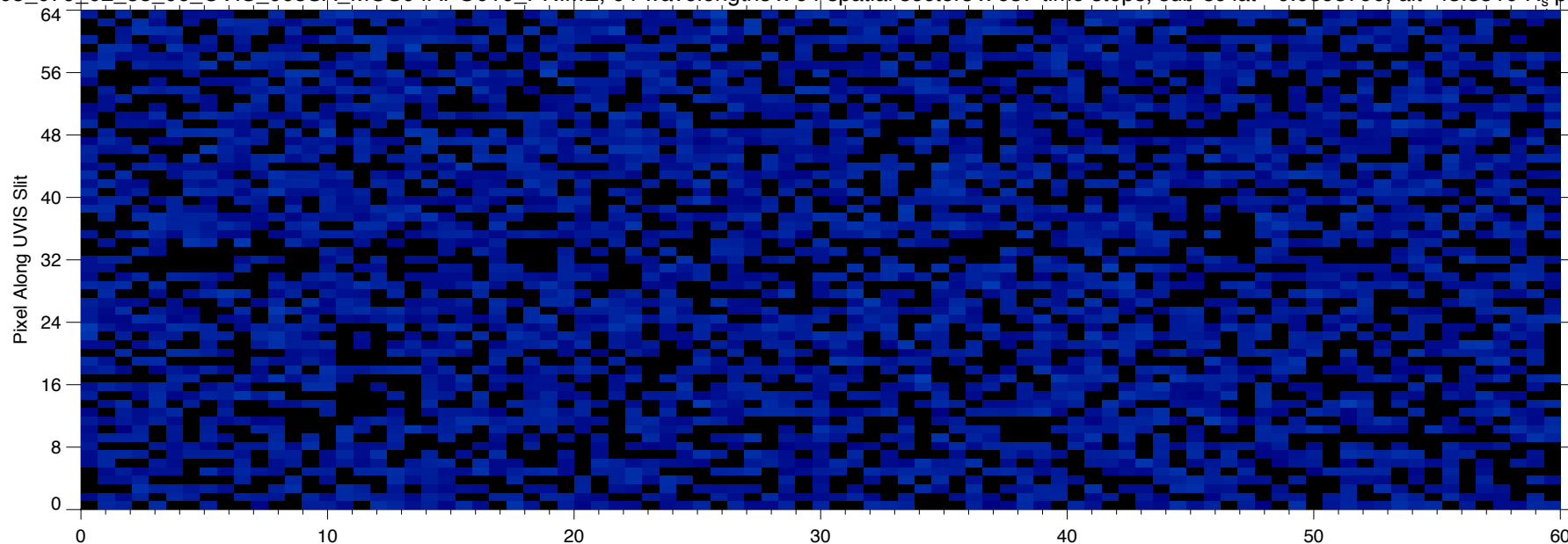
FUV2005_079_02_58_06_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 637 time steps, sub-sc lat=-0.0593790, alt=43.3310 R_s phase=64.4916



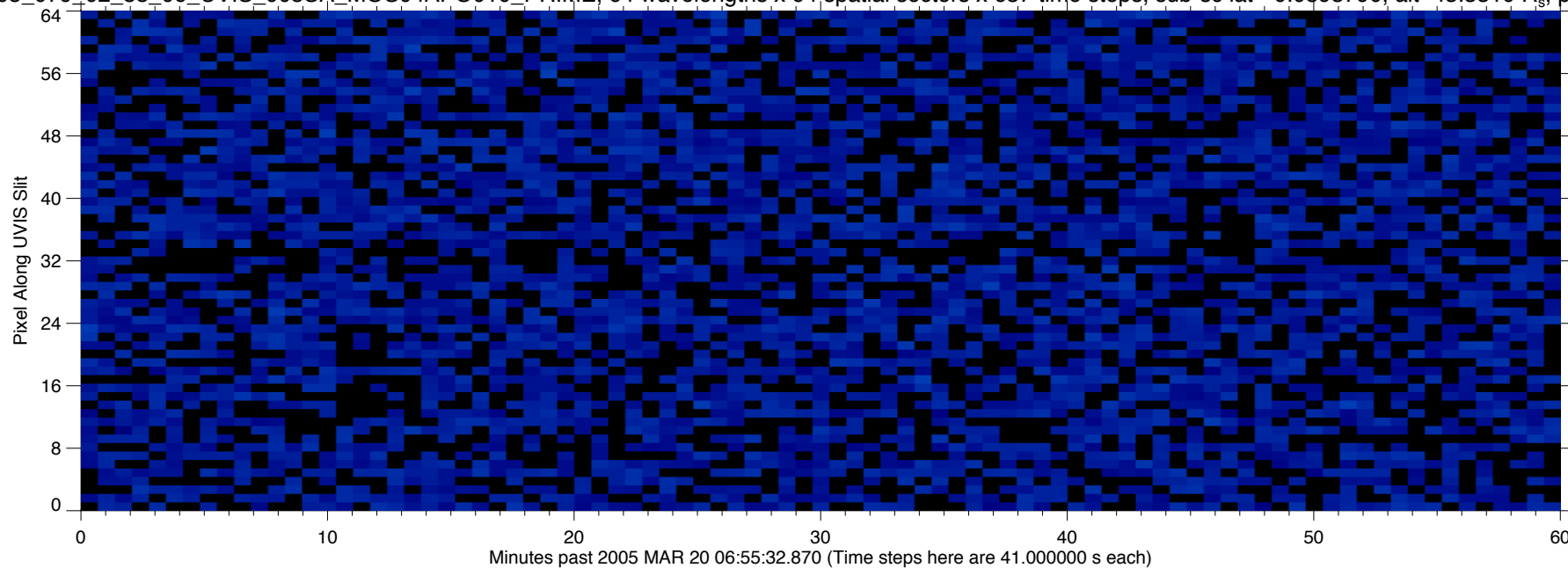
FUV2005_079_02_58_06_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 637 time steps, sub-sc lat=-0.0593790, alt=43.3310 R_s phase=64.4916



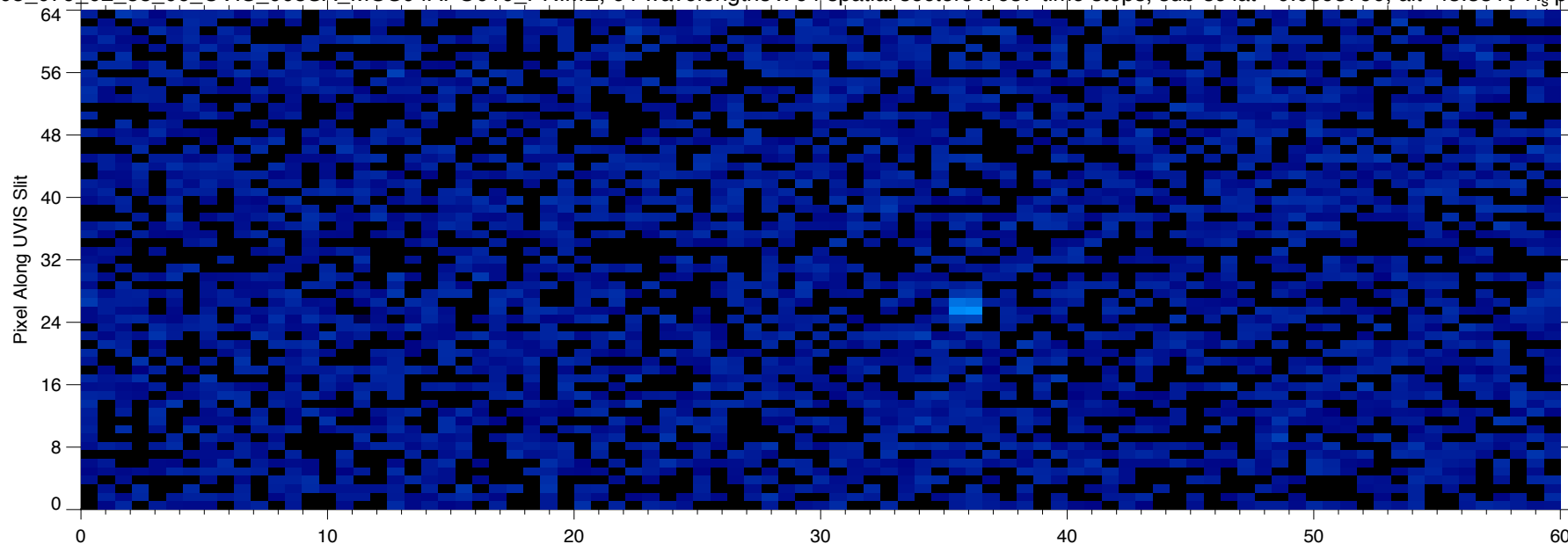
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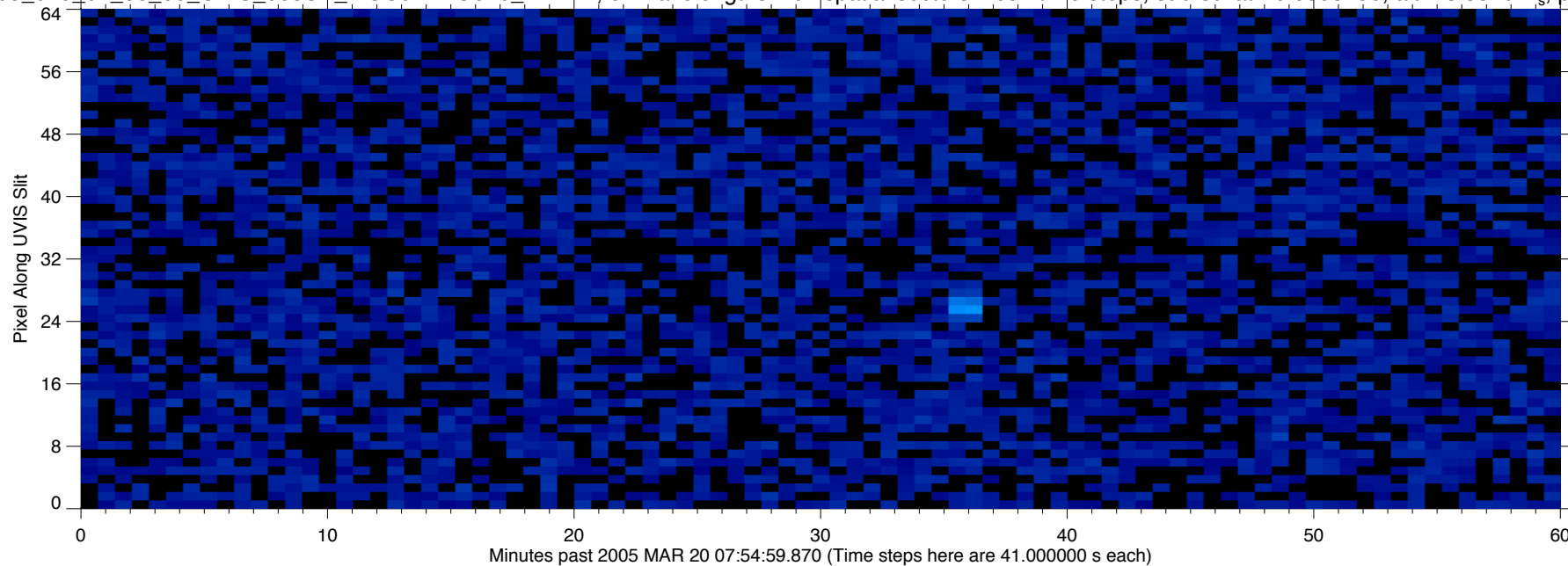
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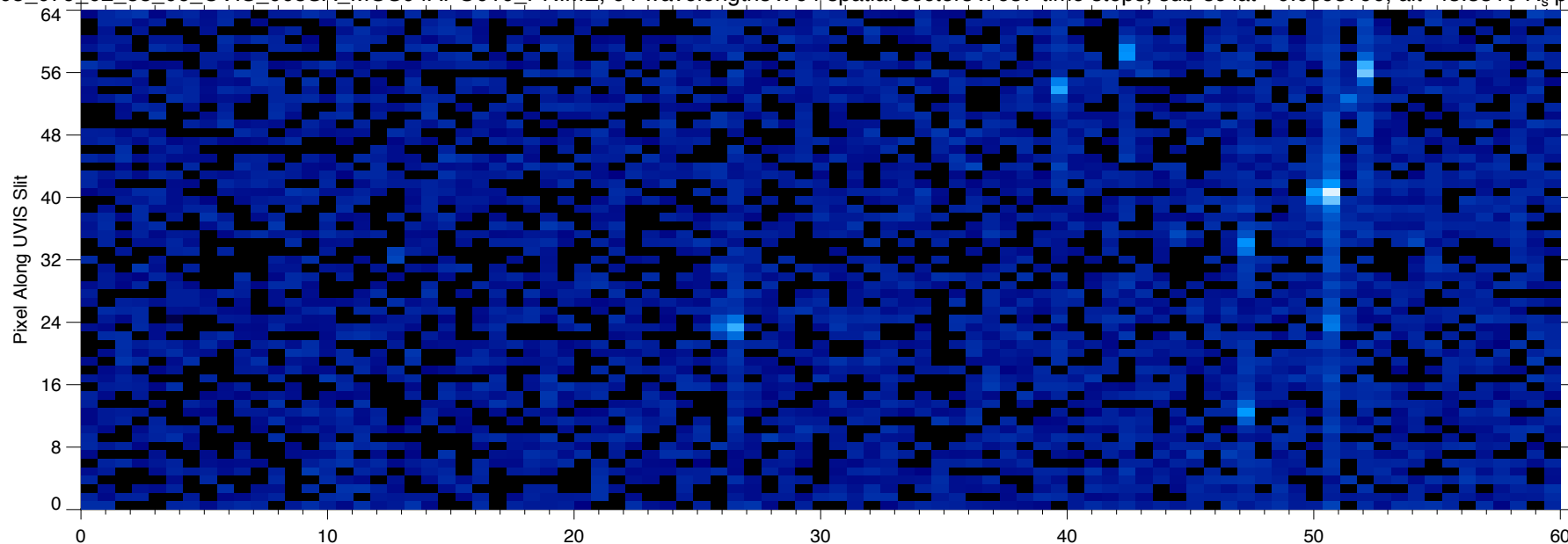
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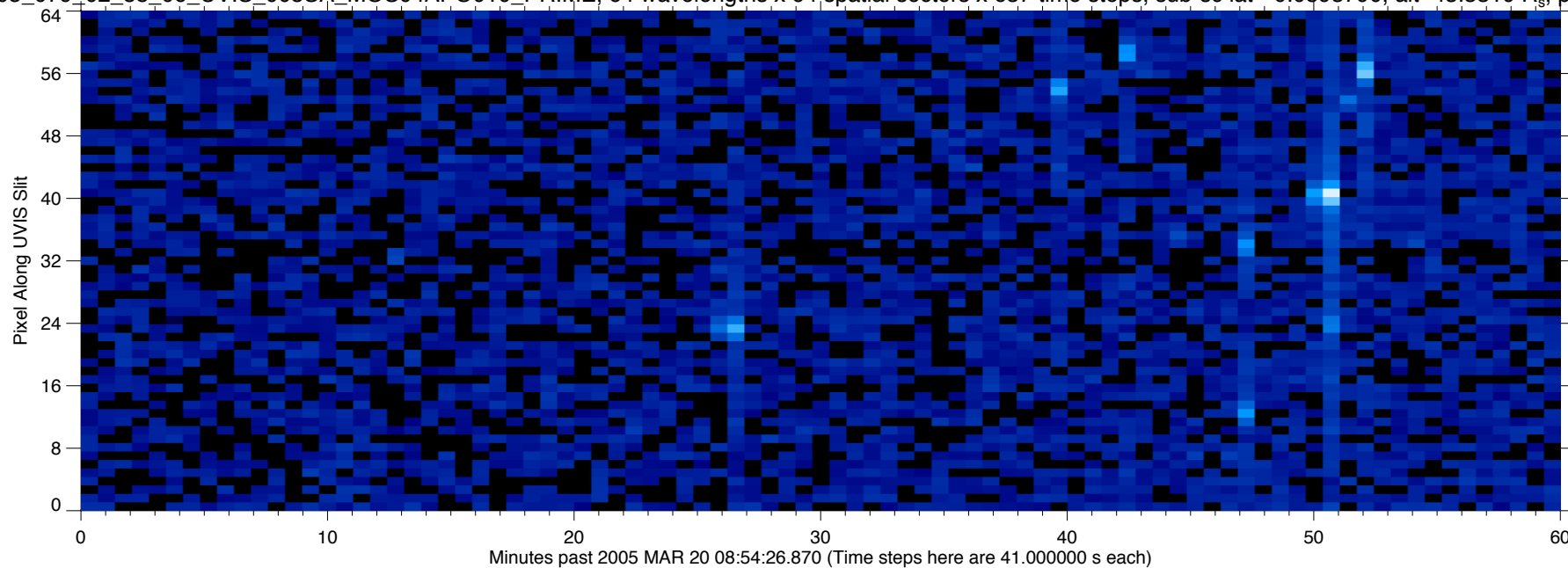
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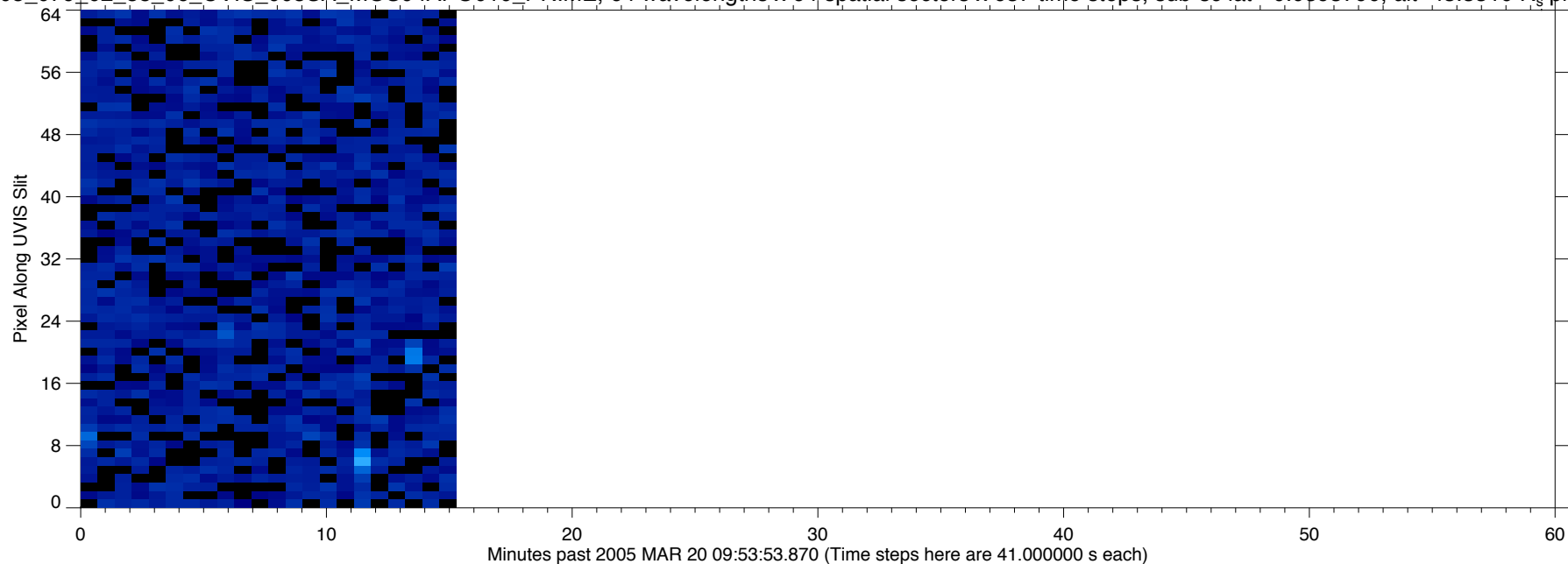
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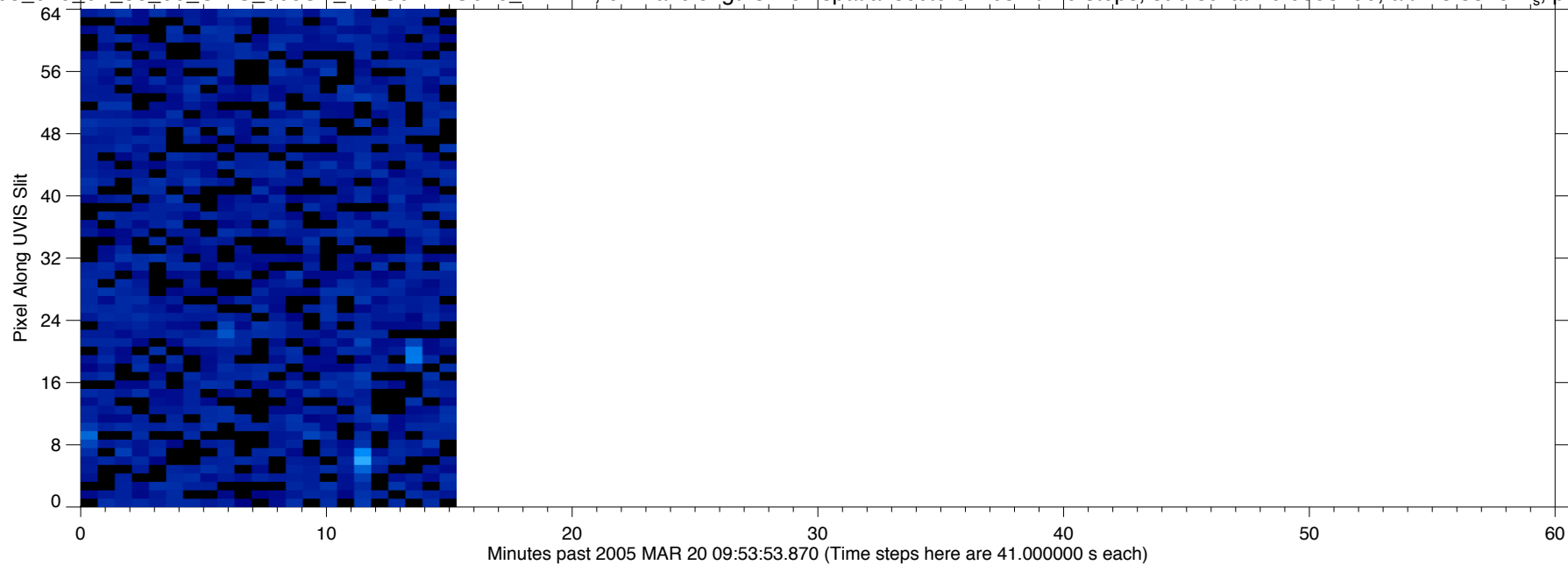
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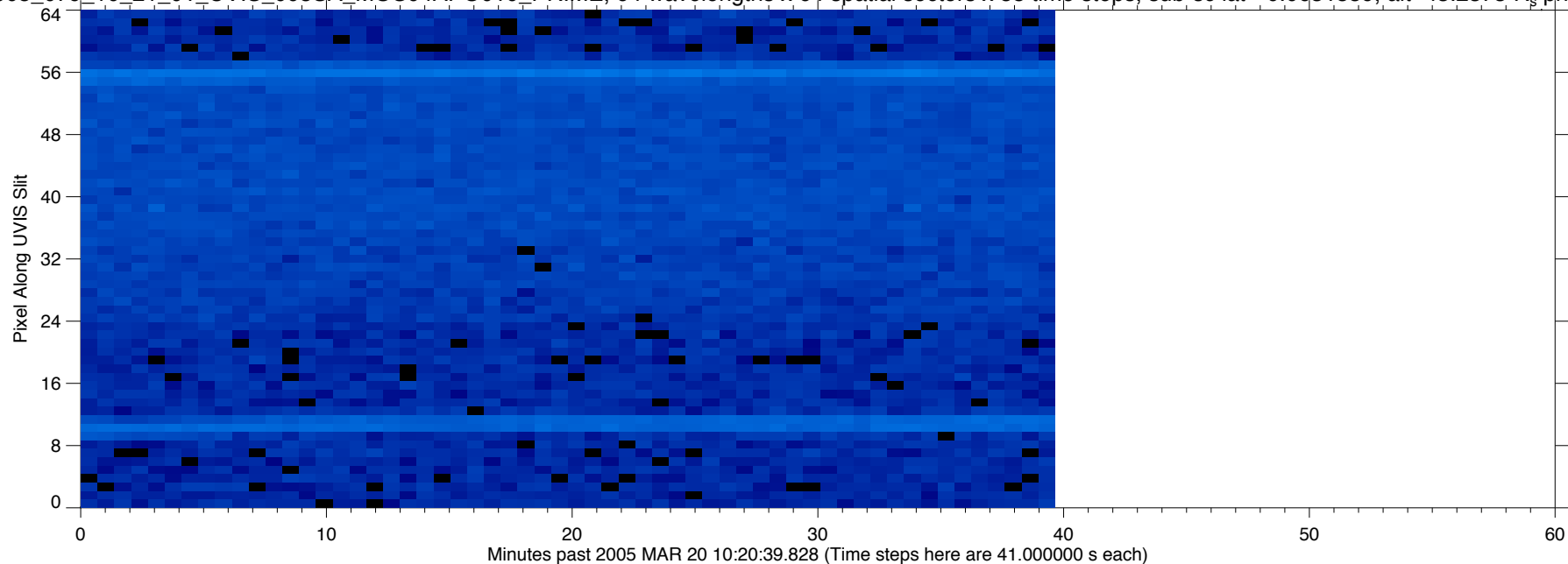
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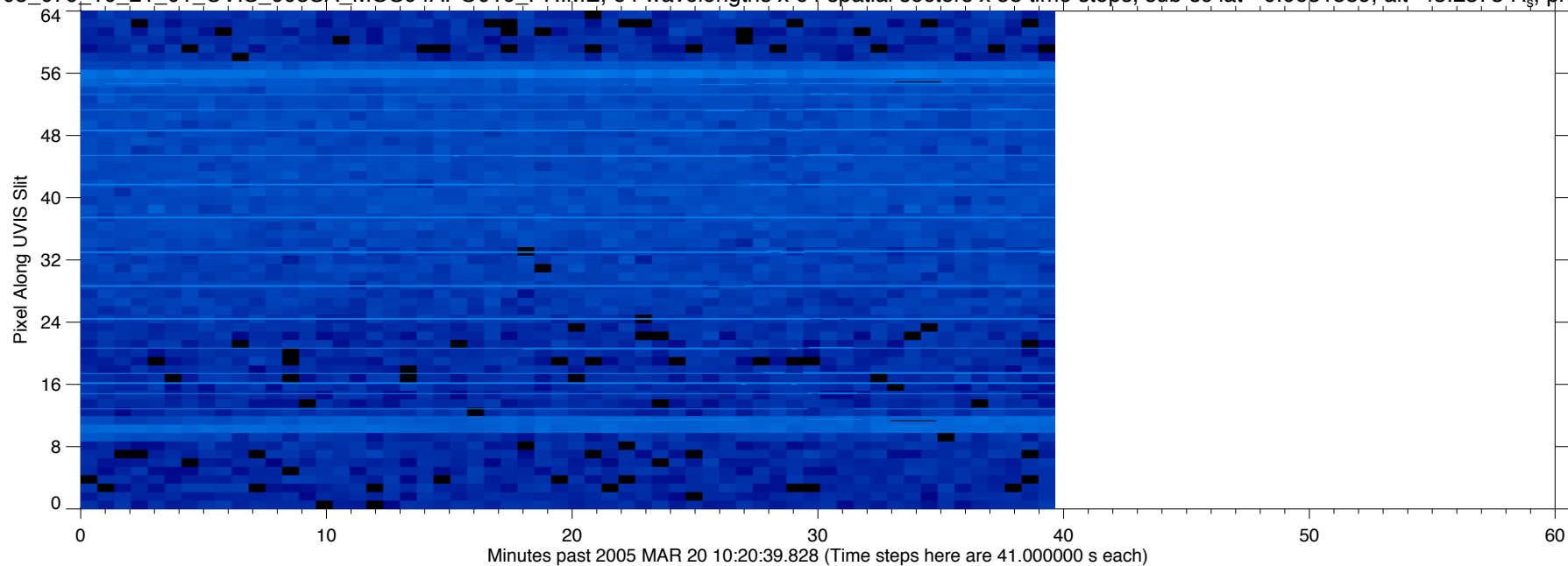
FUV2005_079_02_58_06_UVIS_005SA_MOS04APO010_PRIME, 64 wavelengths x 64 spatial sectors x 637 time steps, sub-sc lat=-0.0593790, alt=43.3310 R_s phase=64.4916



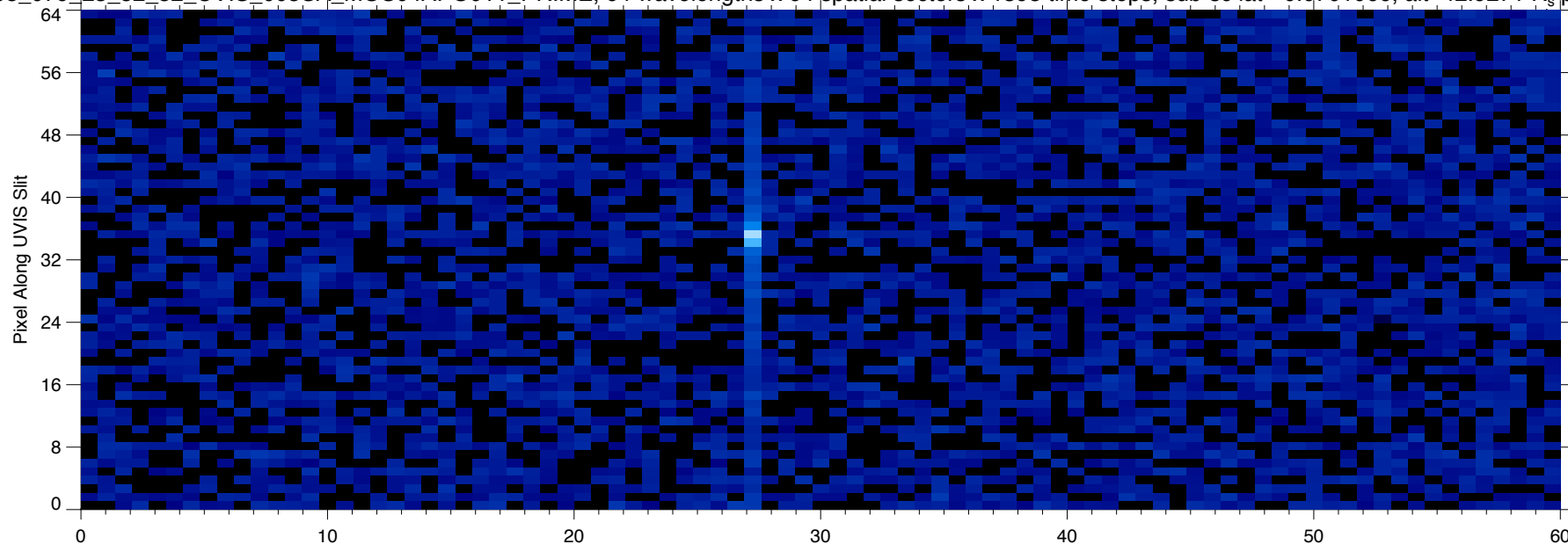
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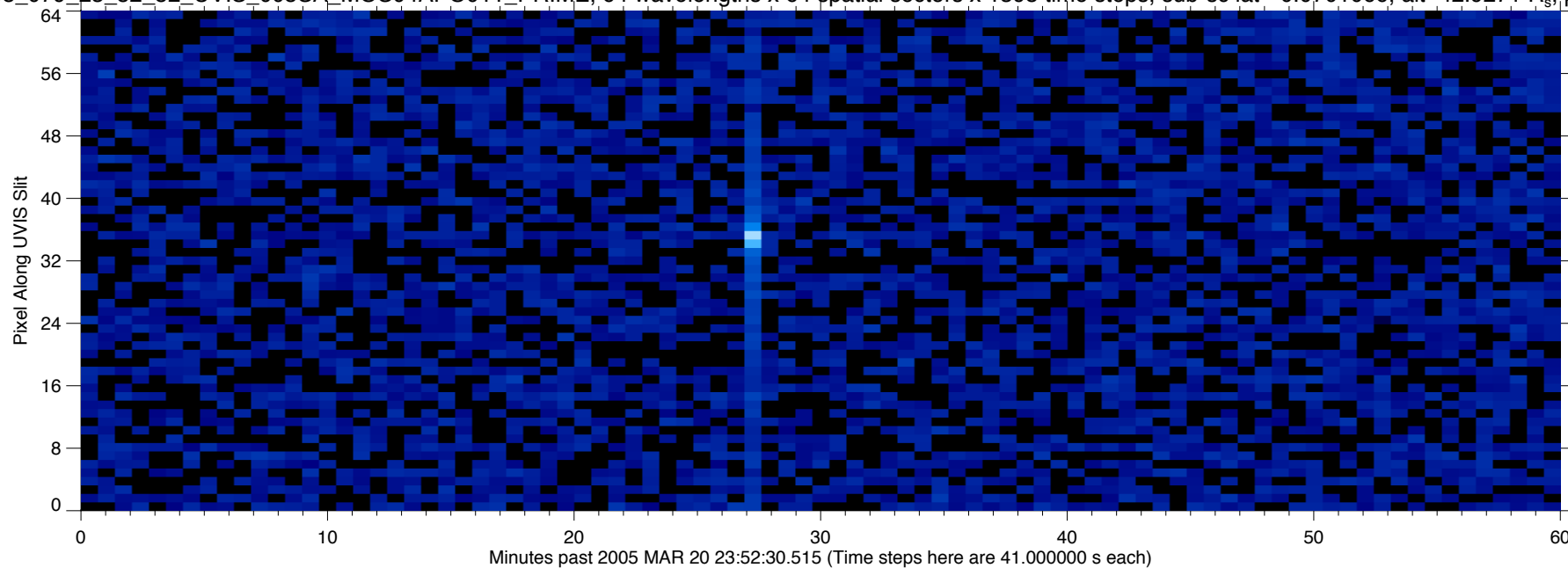
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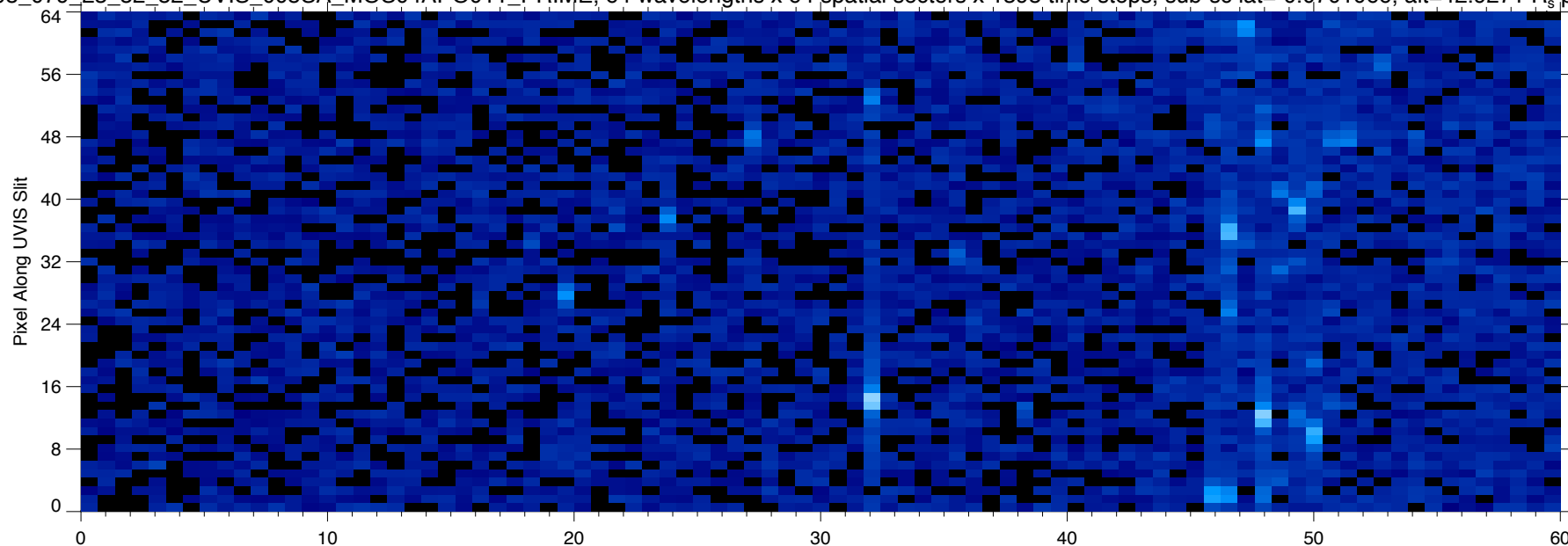
FUV2005_079_23_52_52_UVIS_005SA_MOS04APO011_PRIME, 64 wavelengths x 64 spatial sectors x 1395 time steps, sub-sc lat=-0.0701066, alt=42.9271 R_s, phase=62.3934



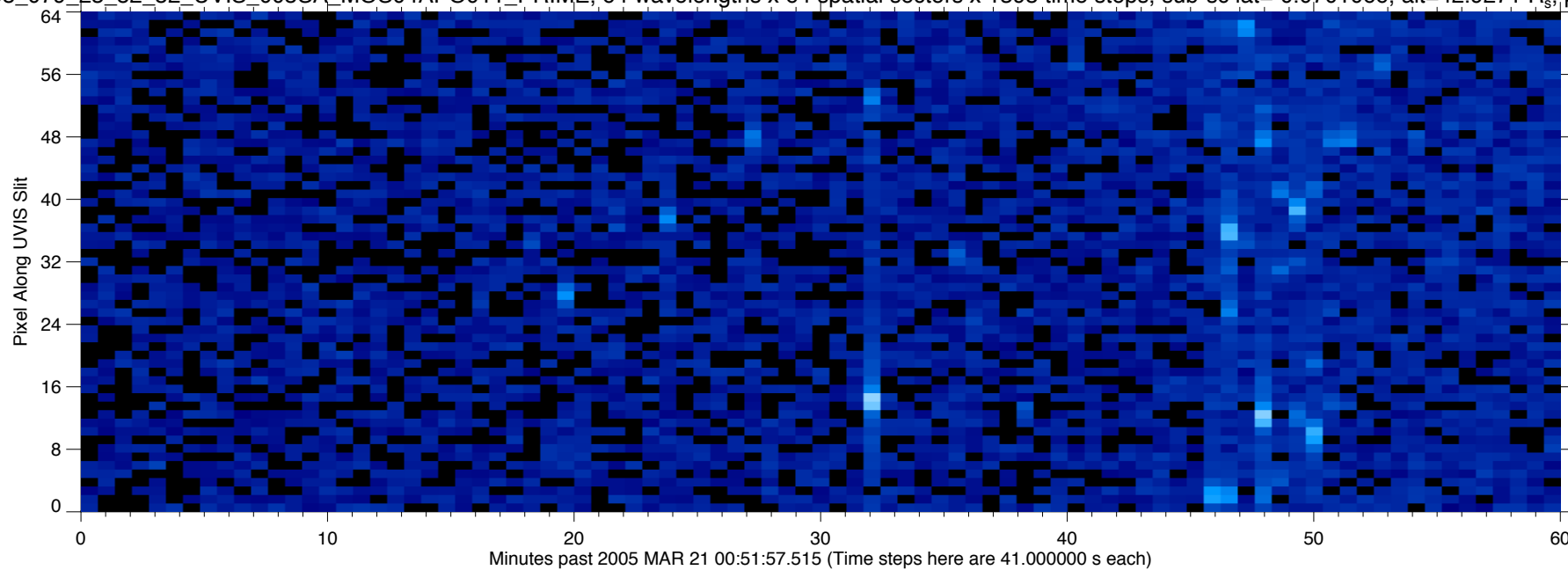
FUV2005_079_23_52_52_UVIS_005SA_MOS04APO011_PRIME, 64 wavelengths x 64 spatial sectors x 1395 time steps, sub-sc lat=-0.0701066, alt=42.9271 R_s, phase=62.3934



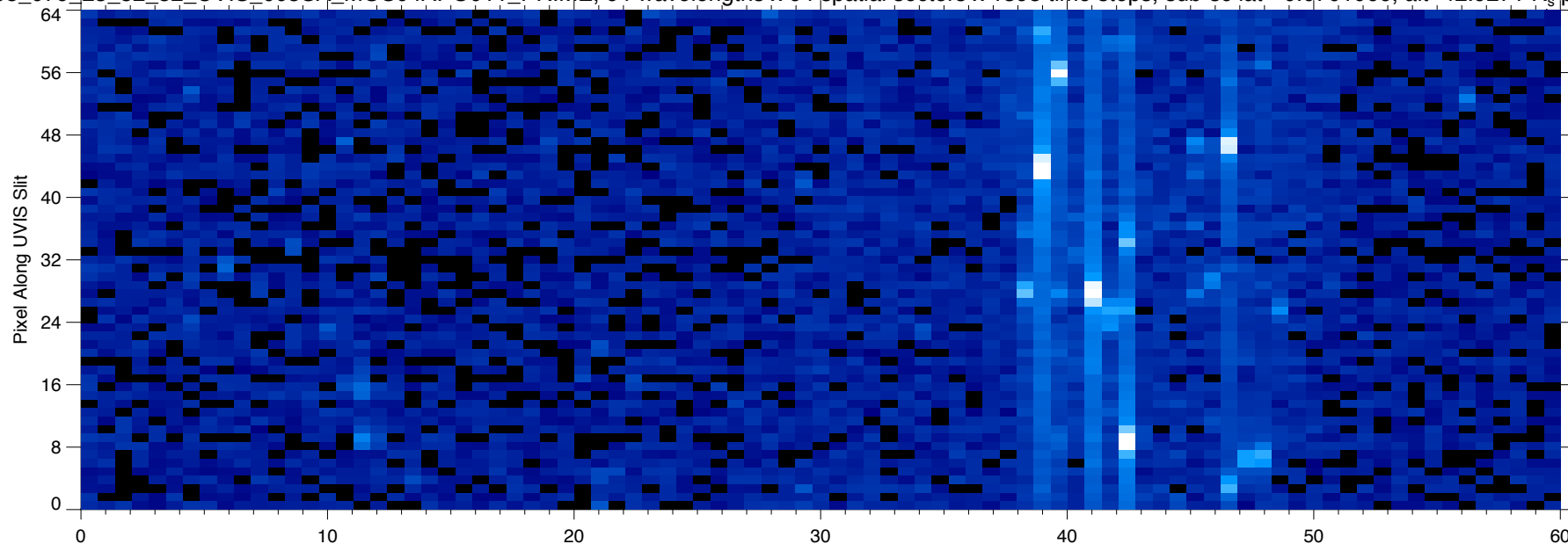
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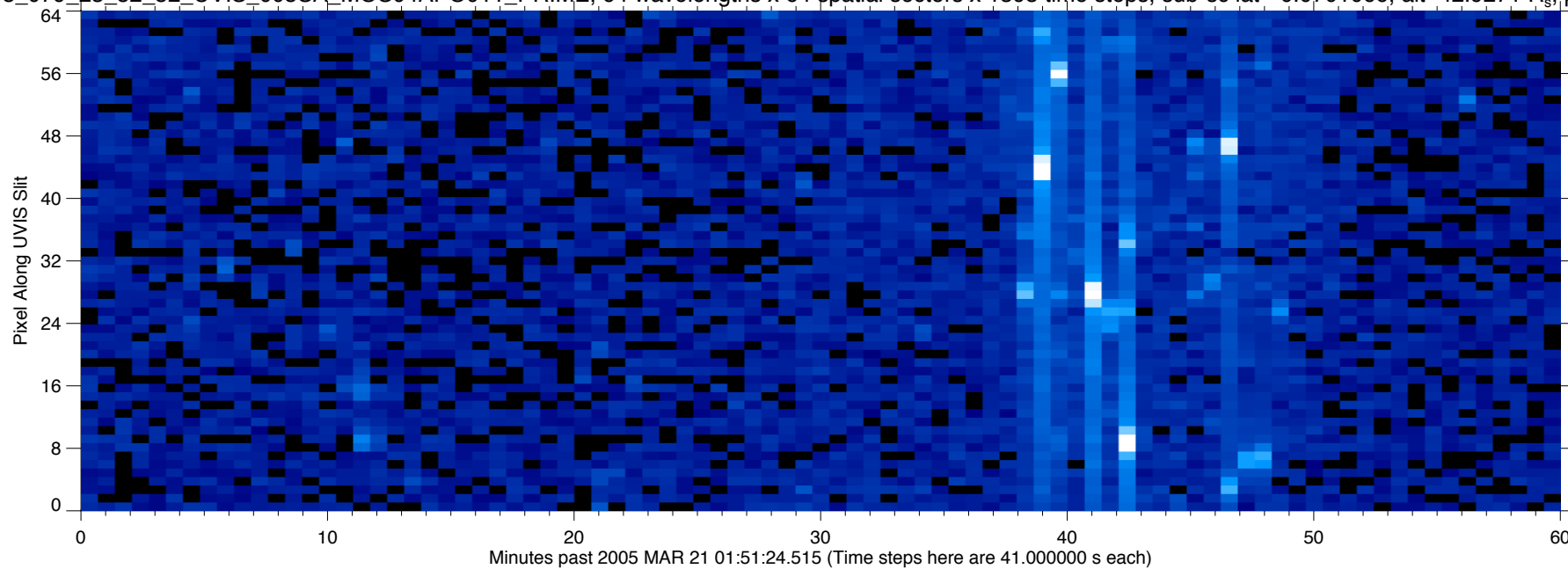
FUV2005_079_23_52_52_UVIS_005SA_MOS04APO011_PRIME, 64 wavelengths x 64 spatial sectors x 1395 time steps, sub-sc lat=-0.0701066, alt=42.9271 R_s, phase=62.3934



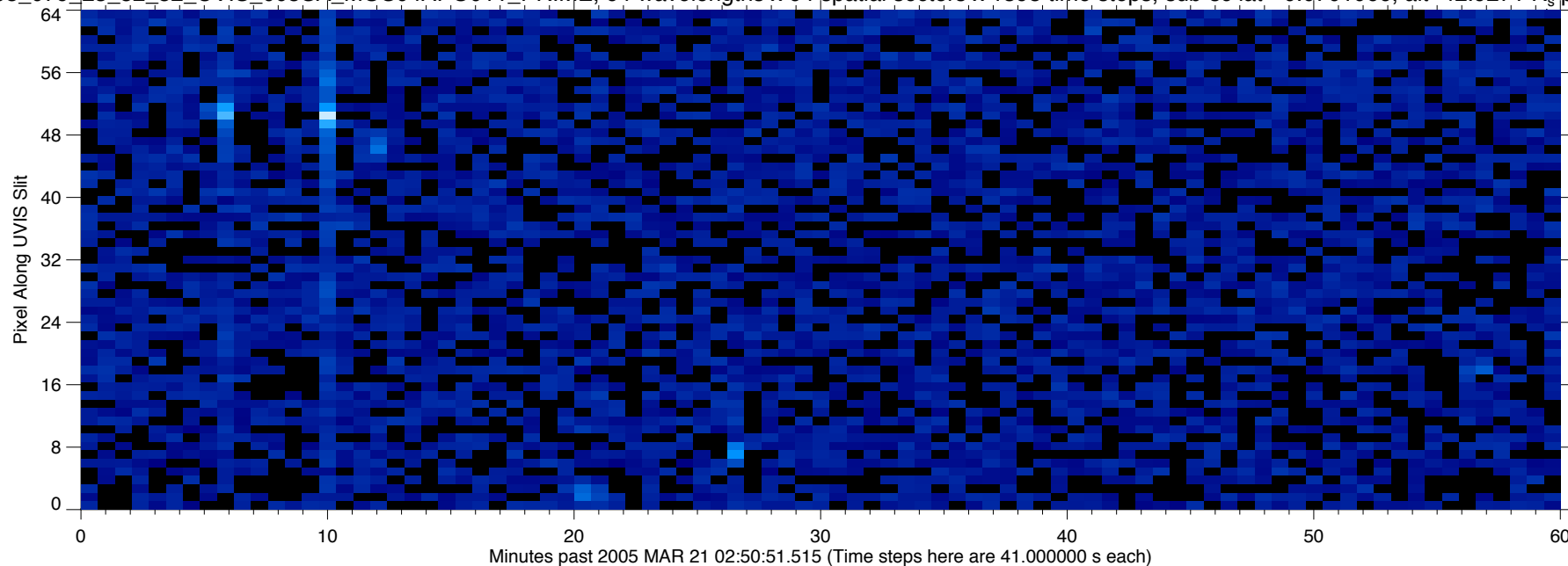
FUV2005_079_23_52_52_UVIS_005SA_MOS04APO011_PRIME, 64 wavelengths x 64 spatial sectors x 1395 time steps, sub-sc lat=-0.0701066, alt=42.9271 R_s, phase=62.3934



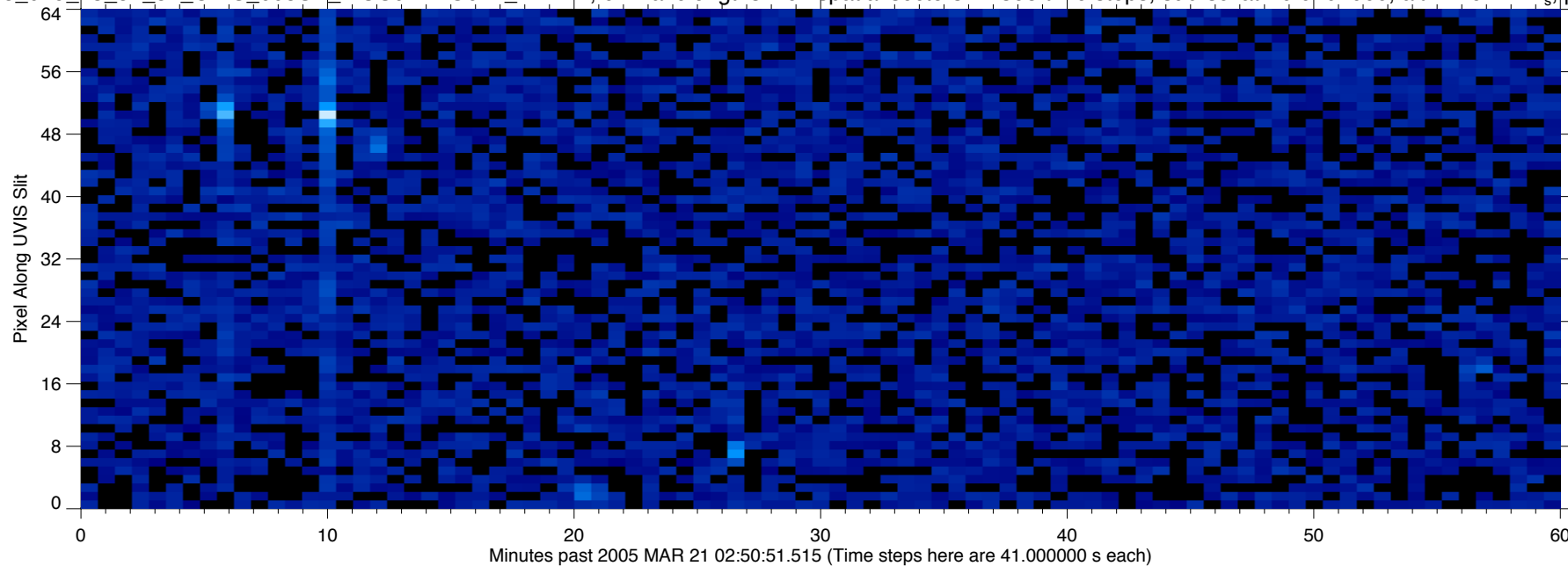
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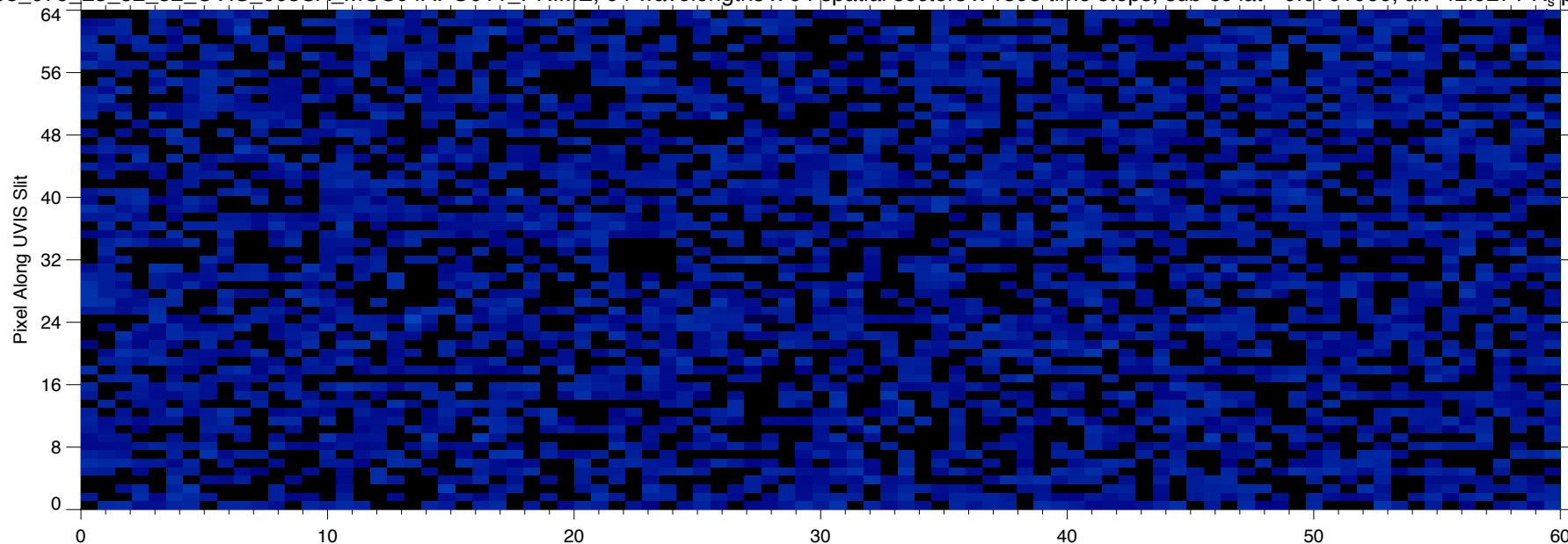
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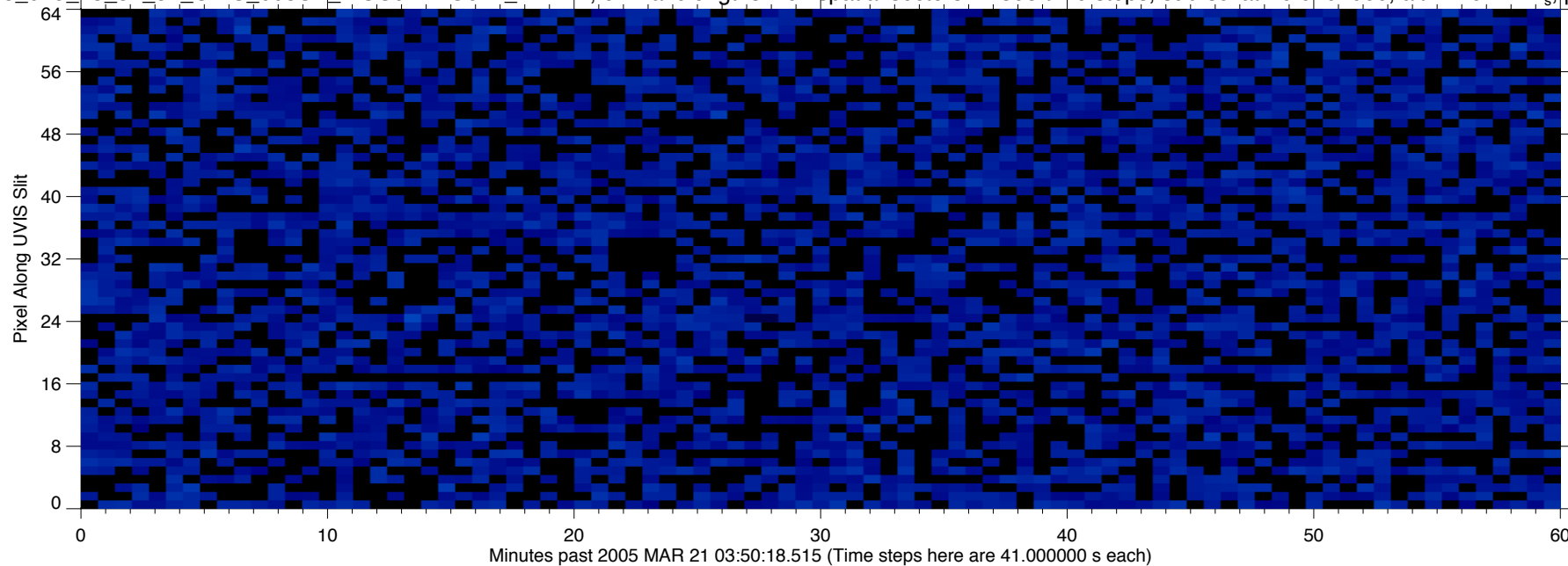
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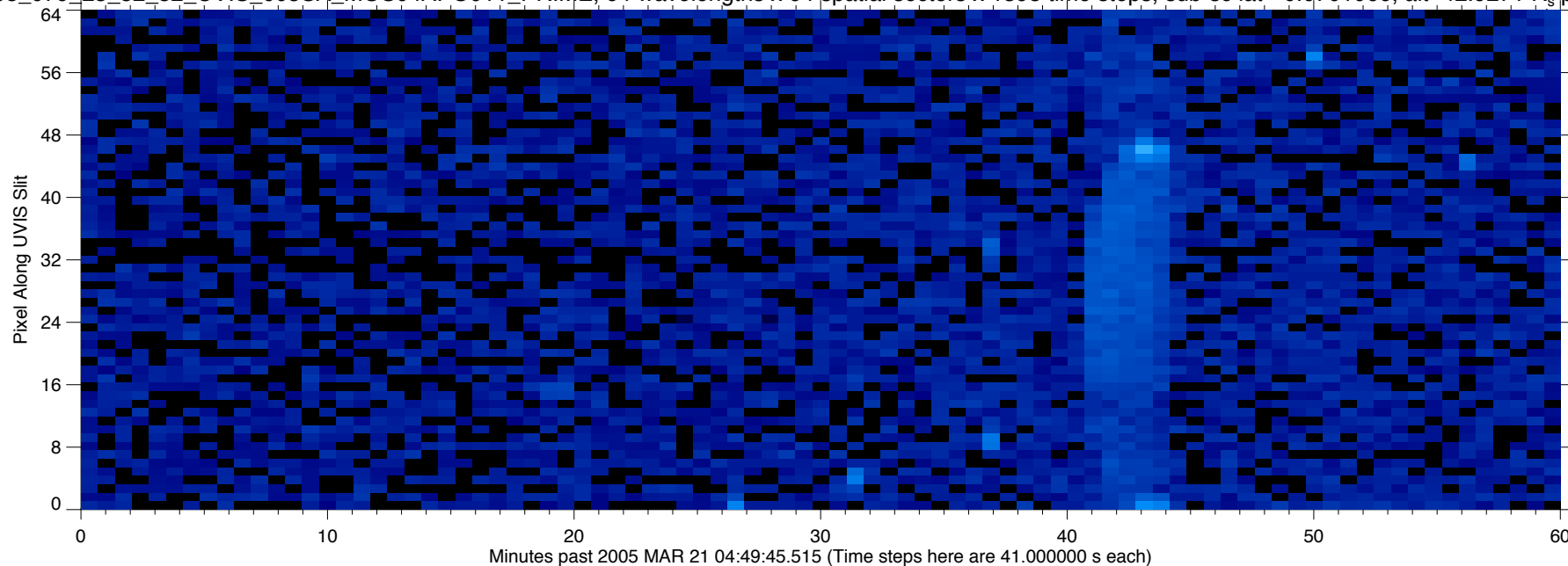
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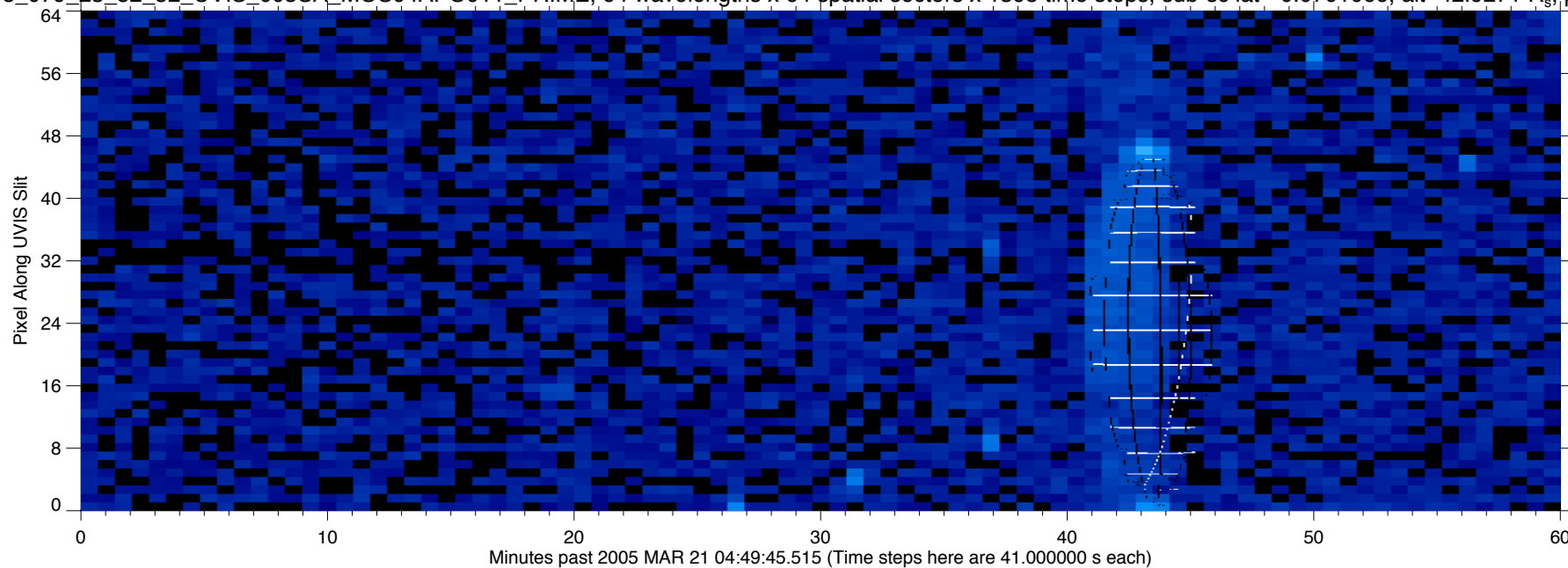
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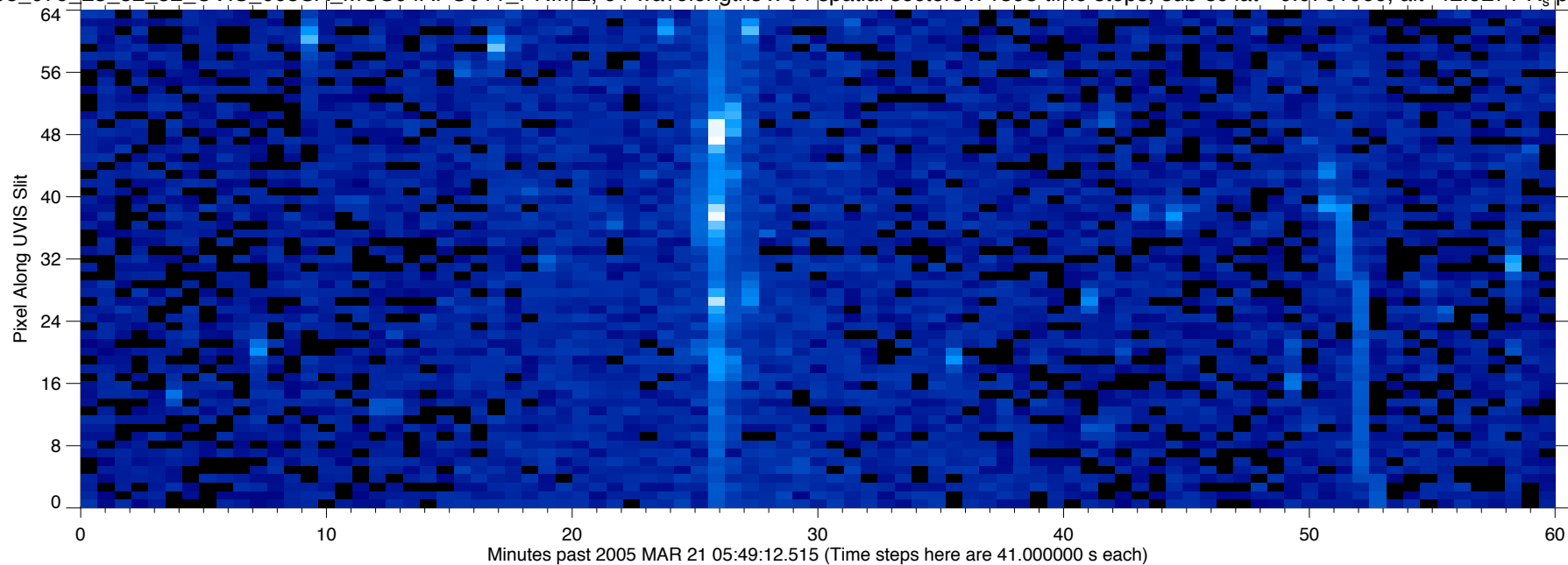
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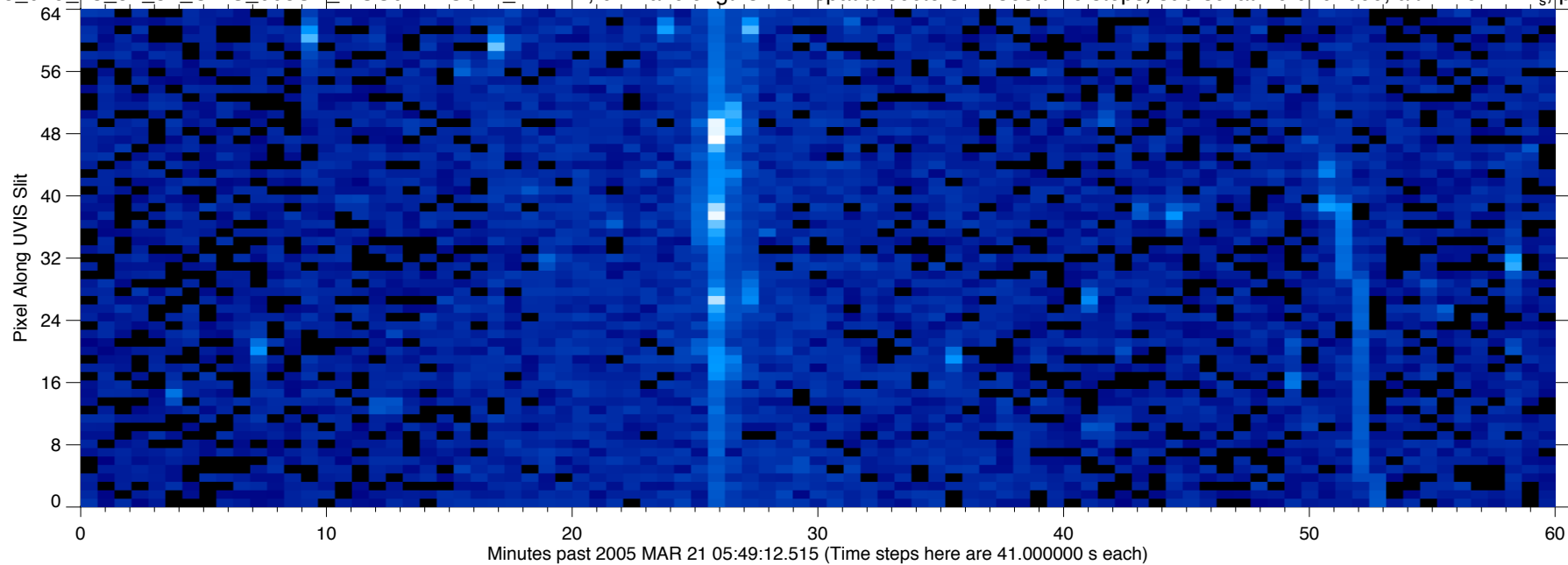
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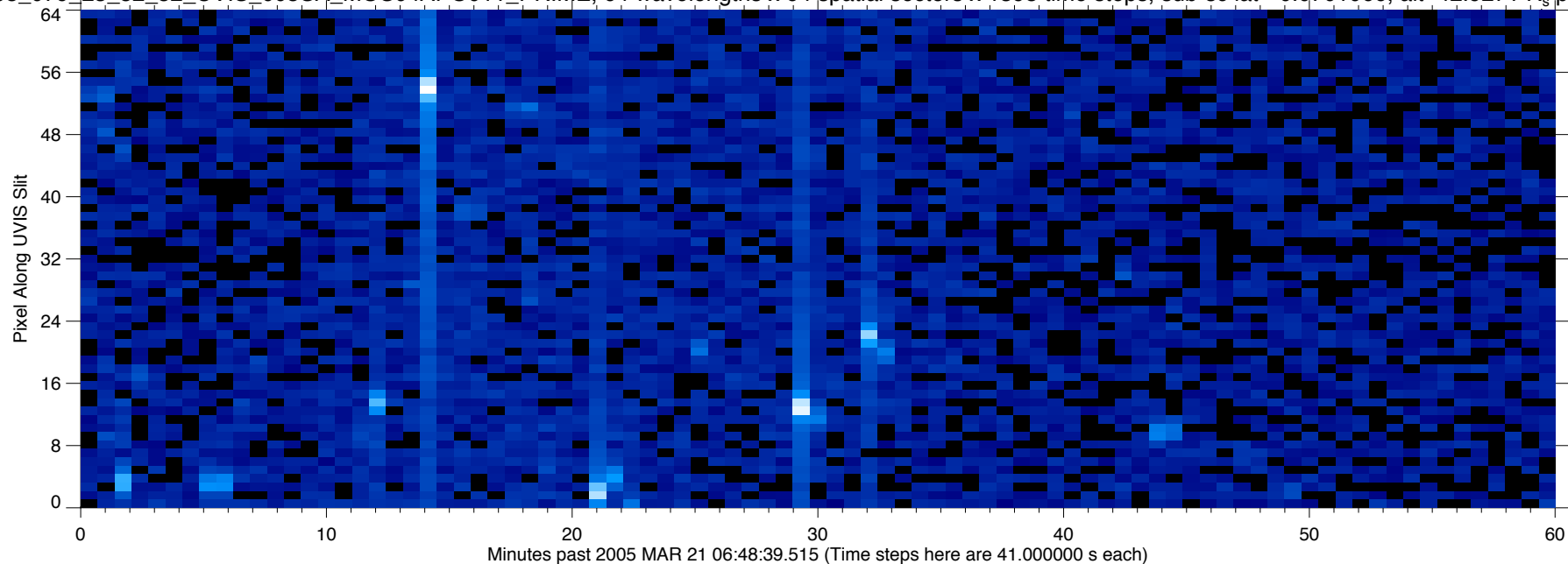
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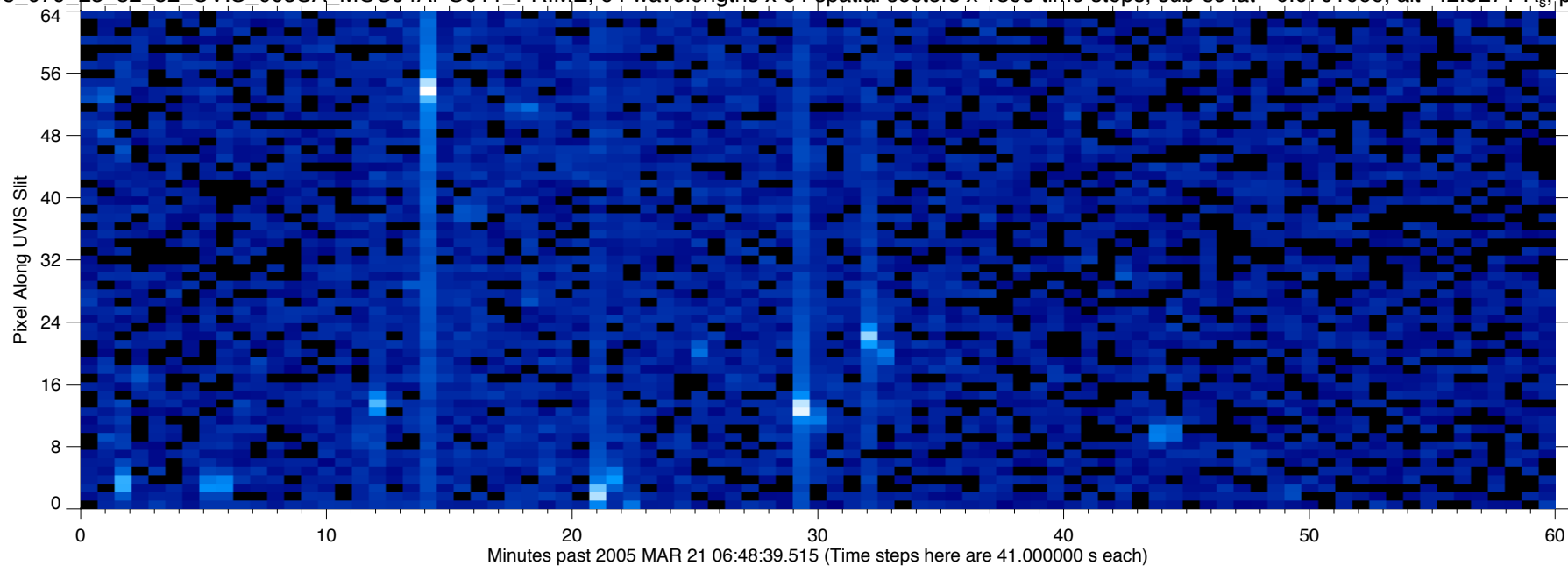
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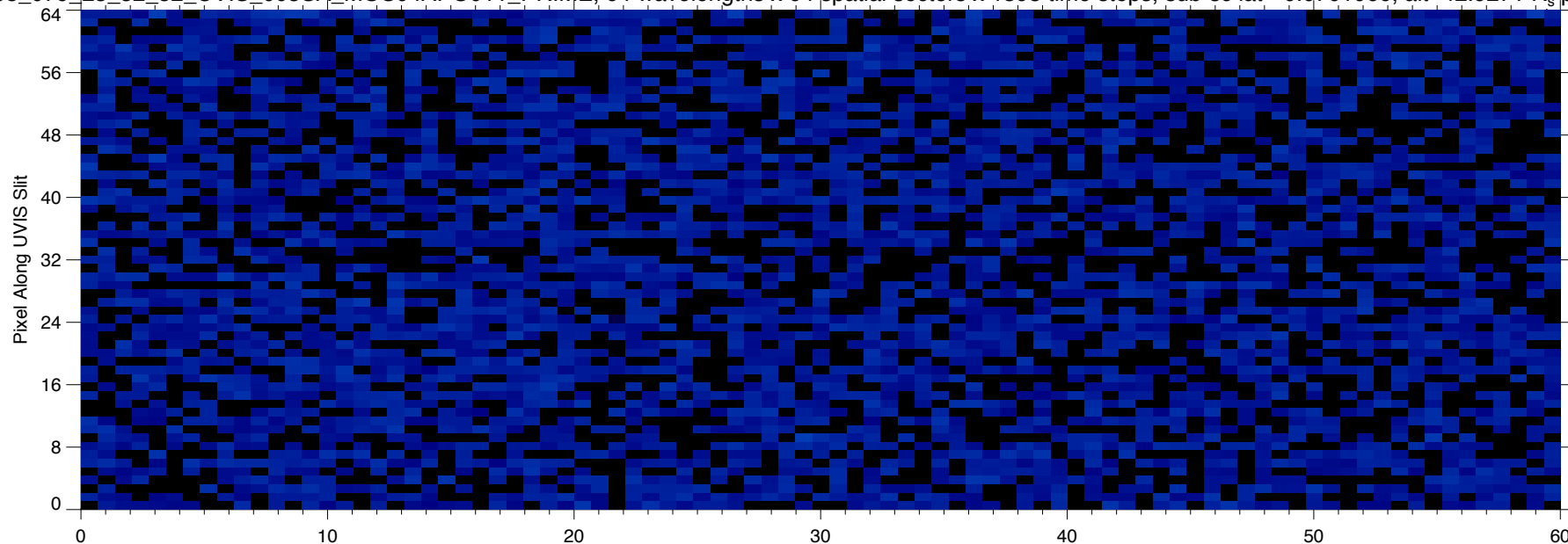
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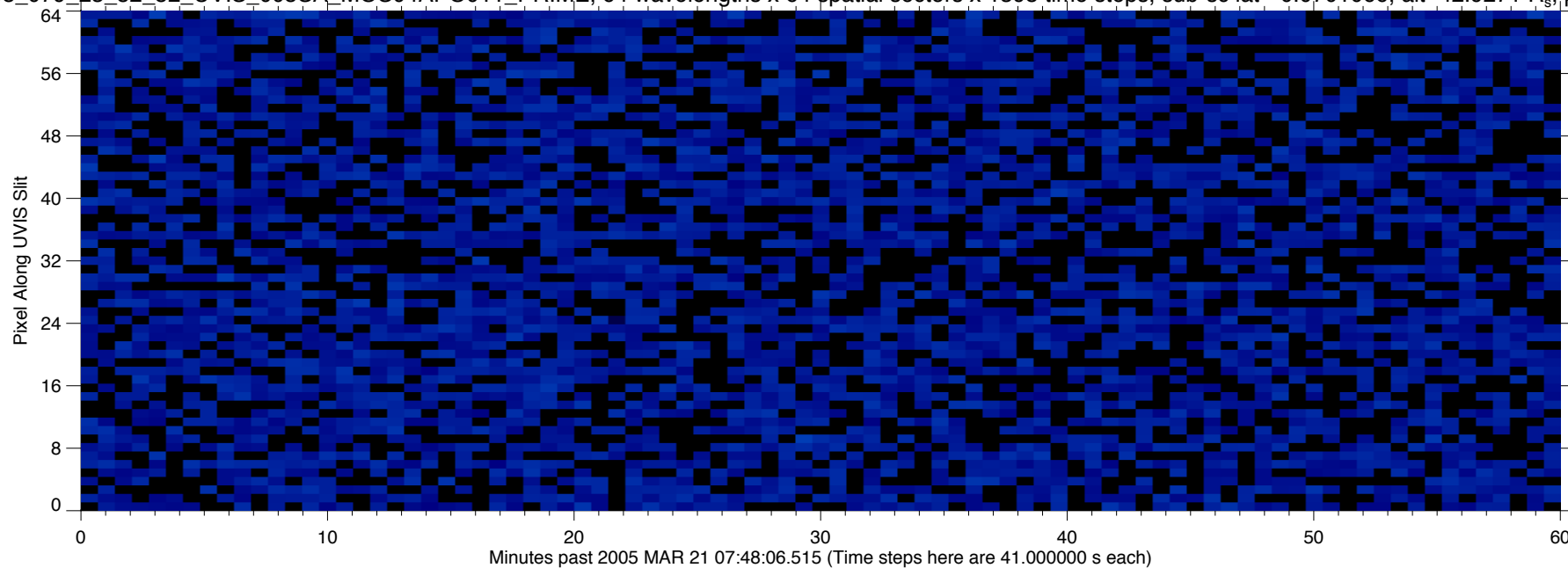
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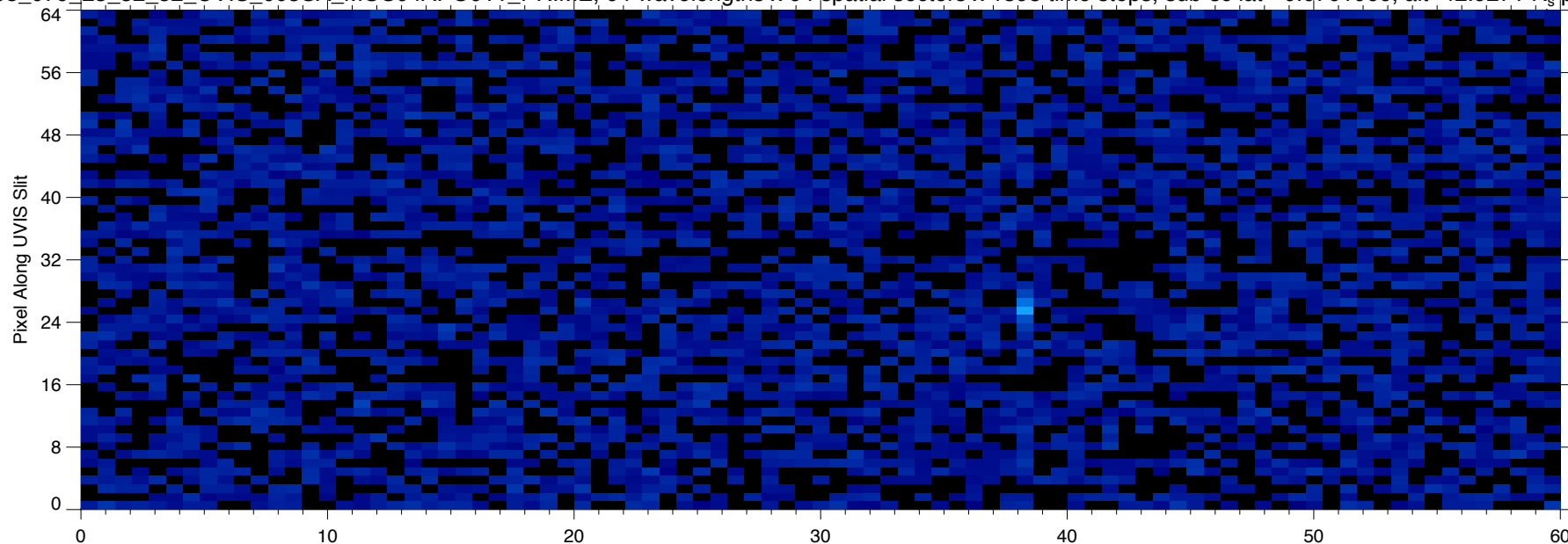
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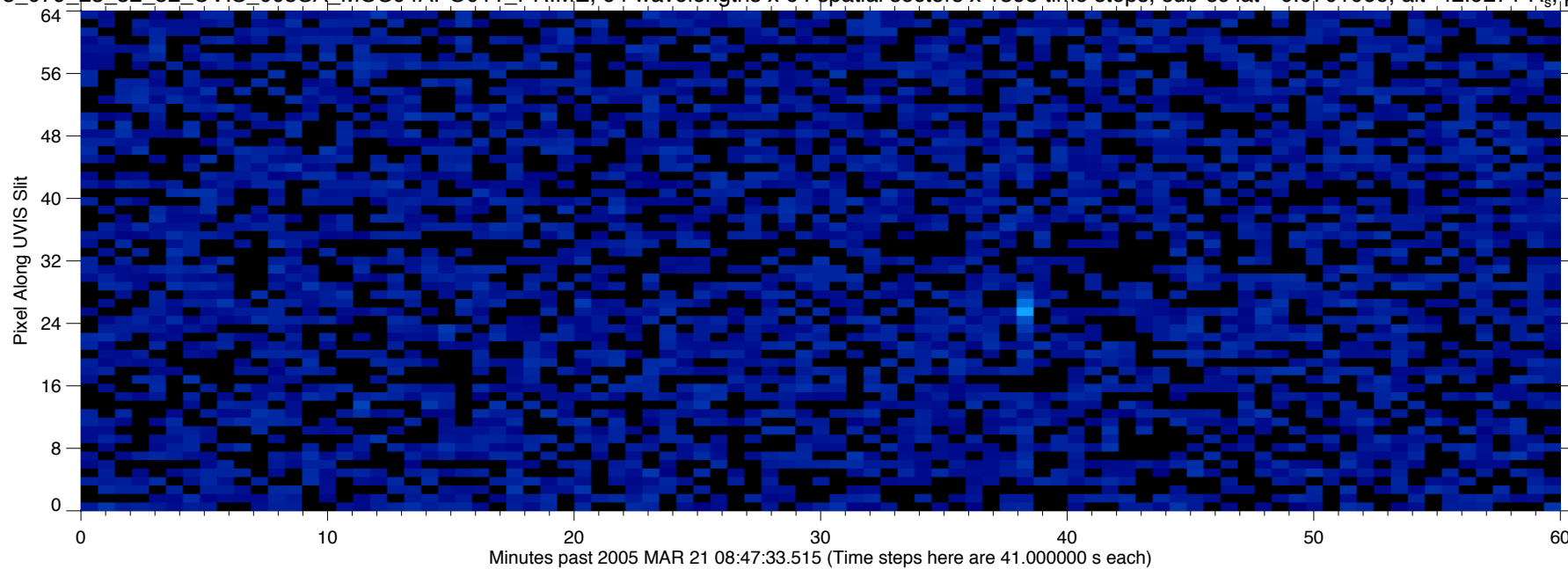
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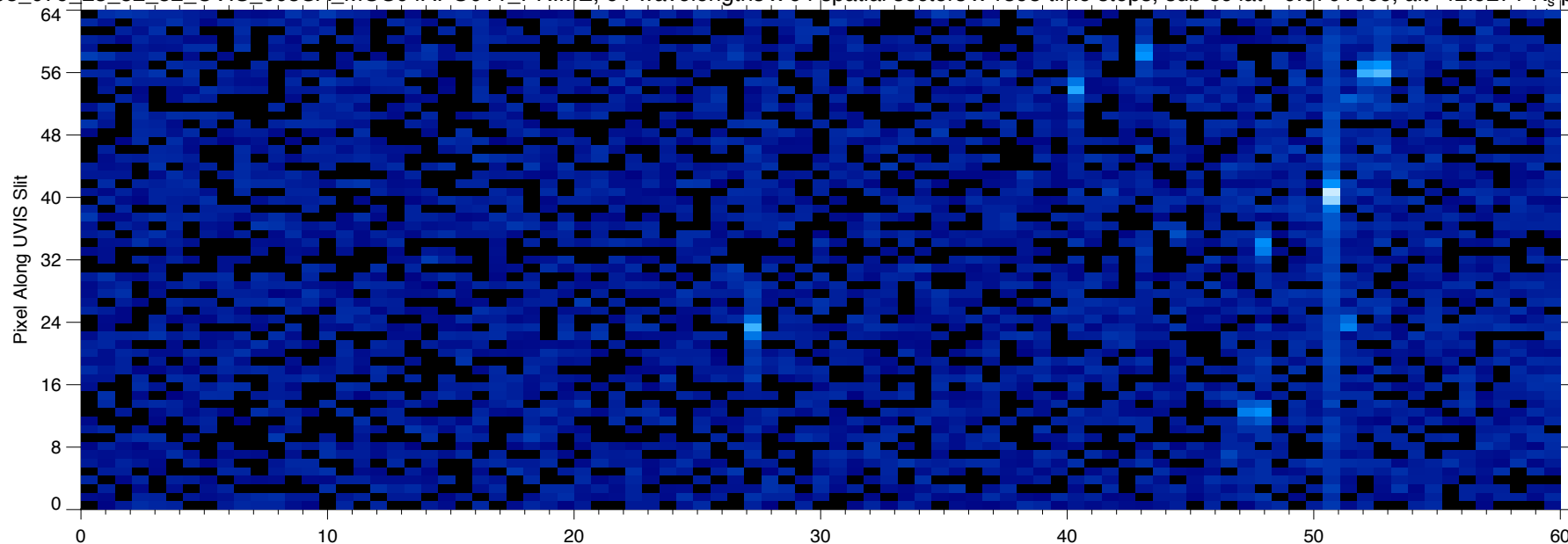
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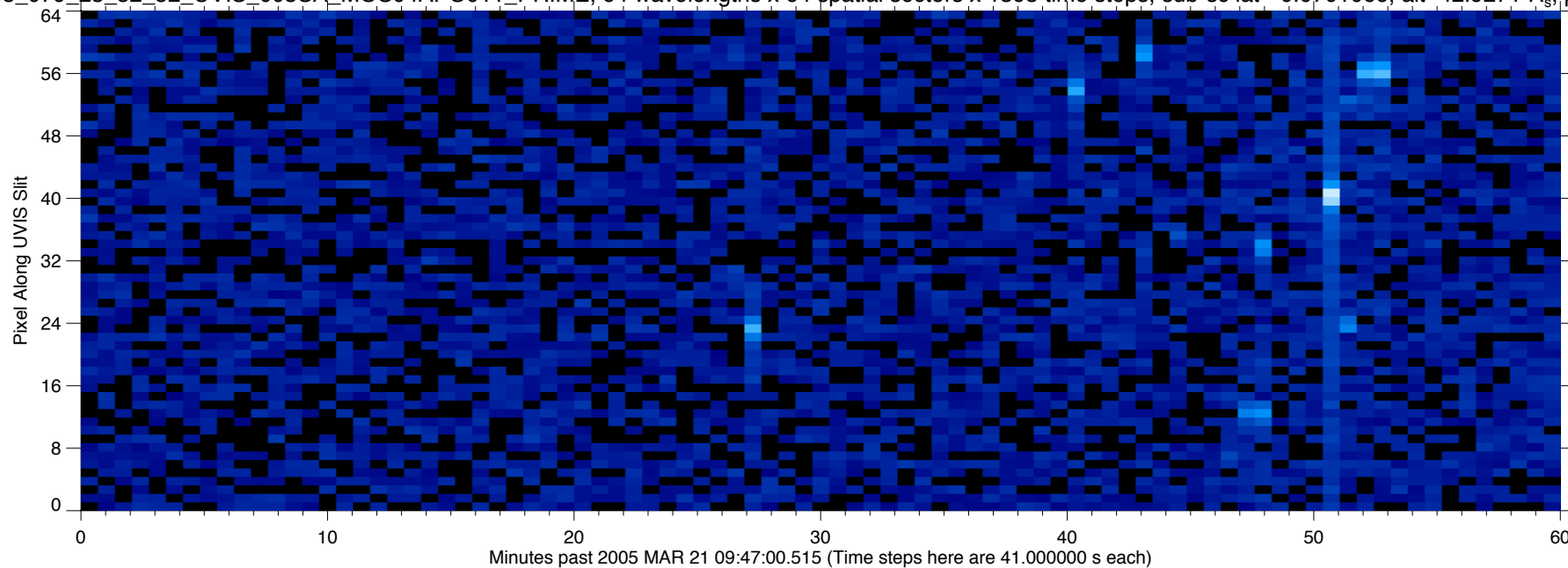
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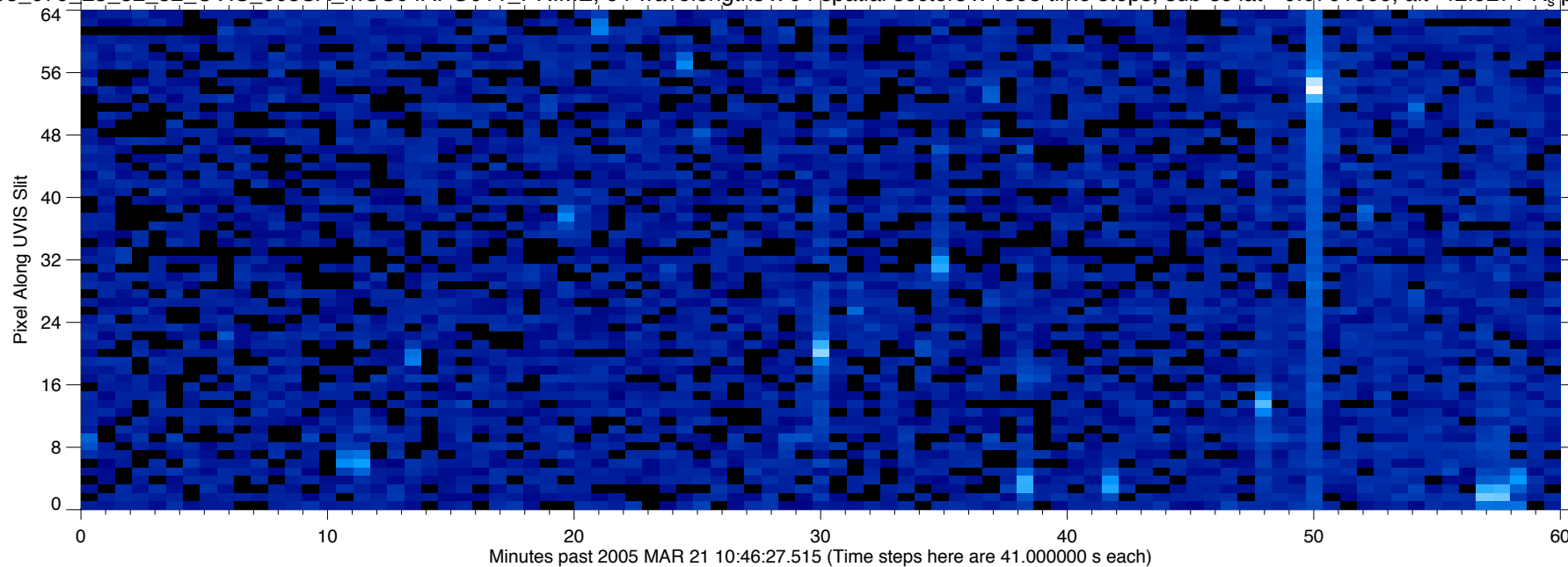
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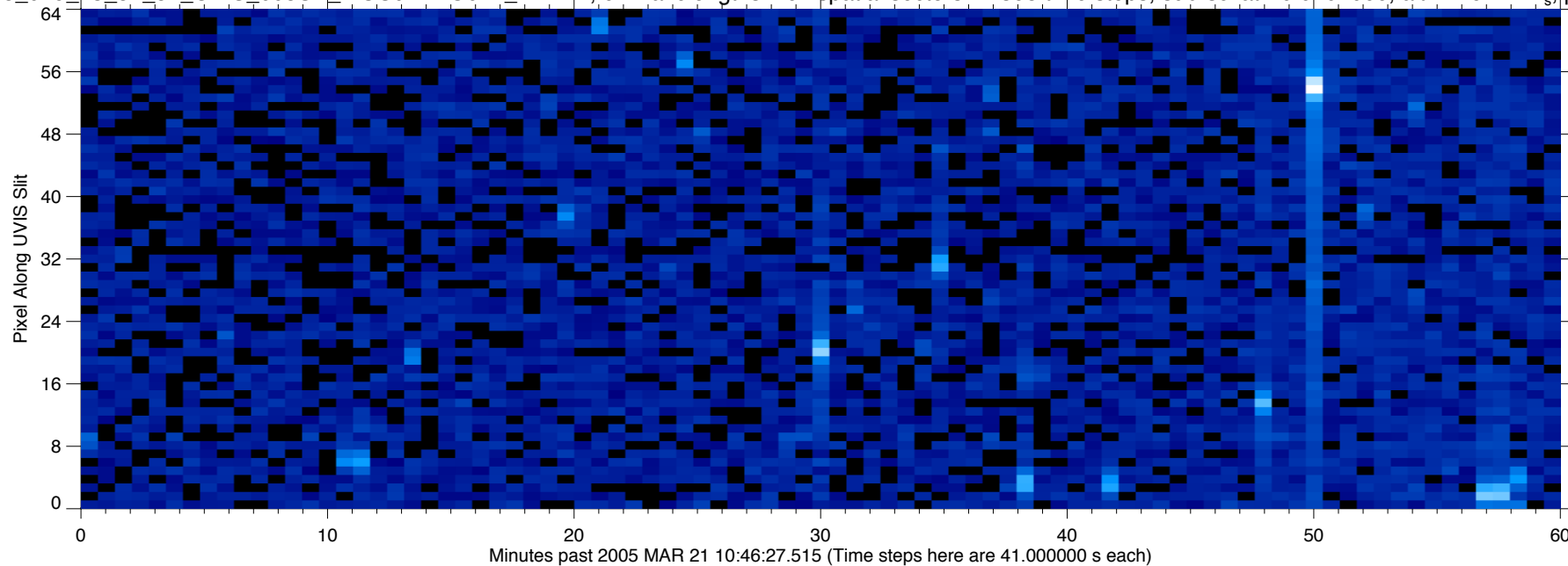
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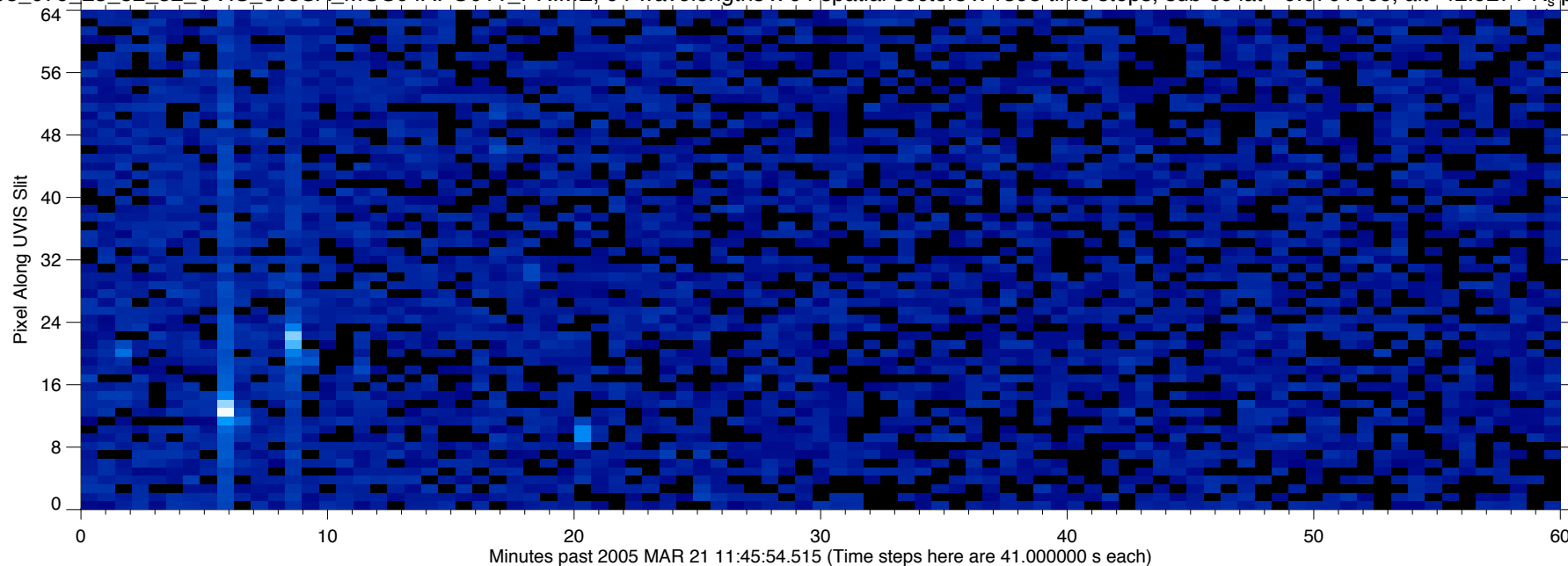
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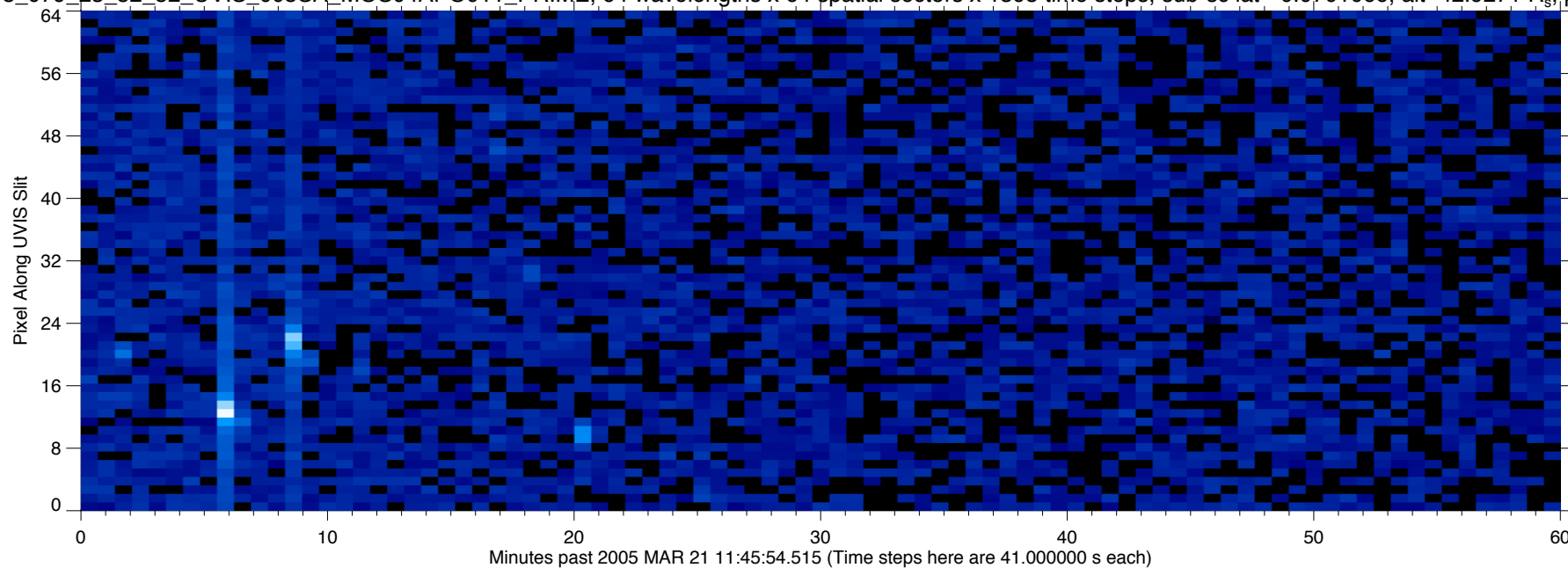
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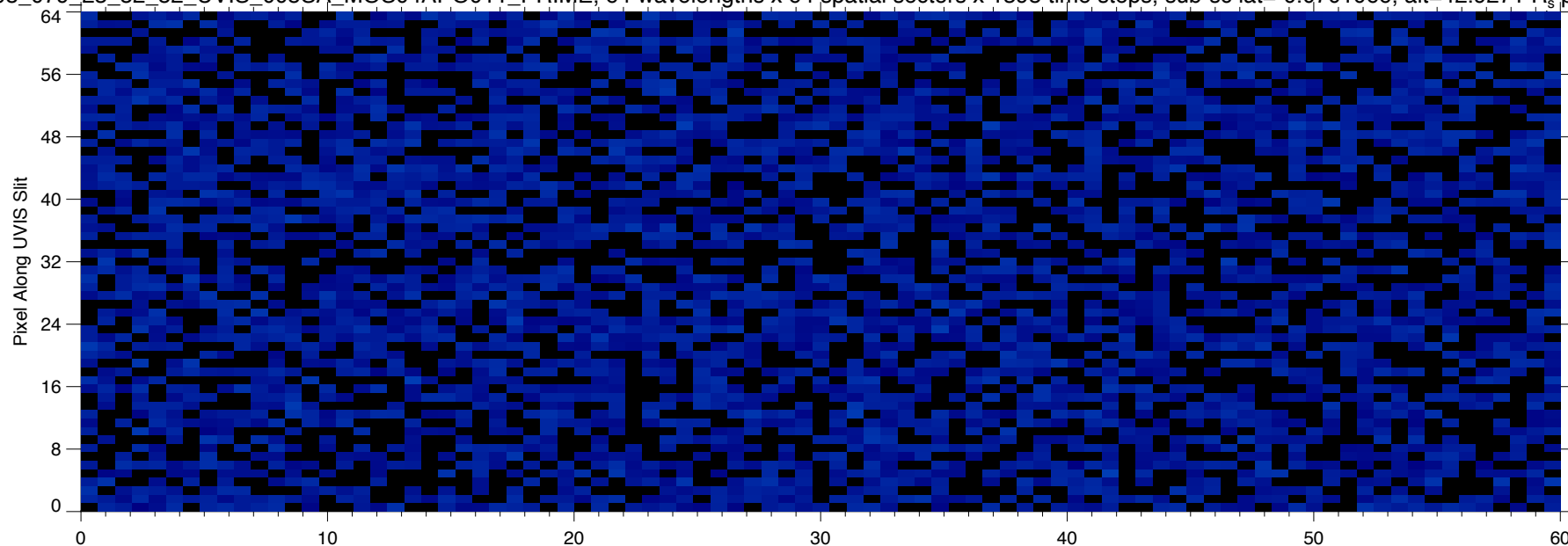
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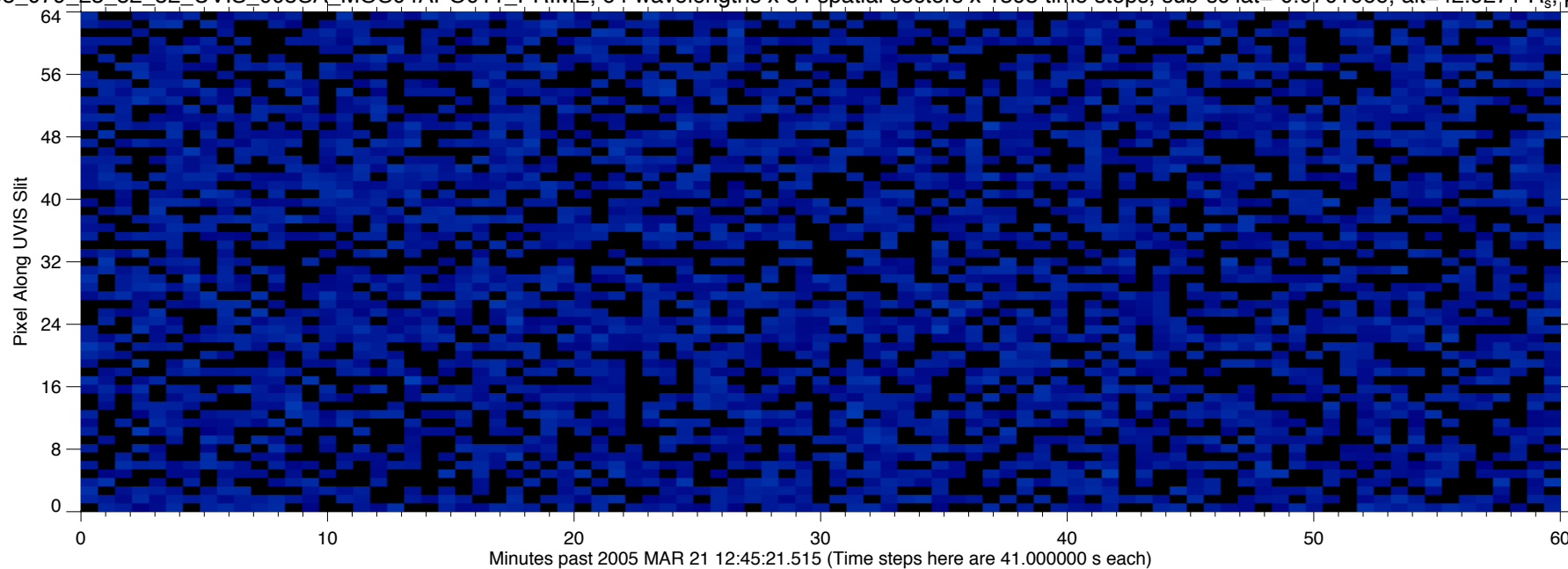
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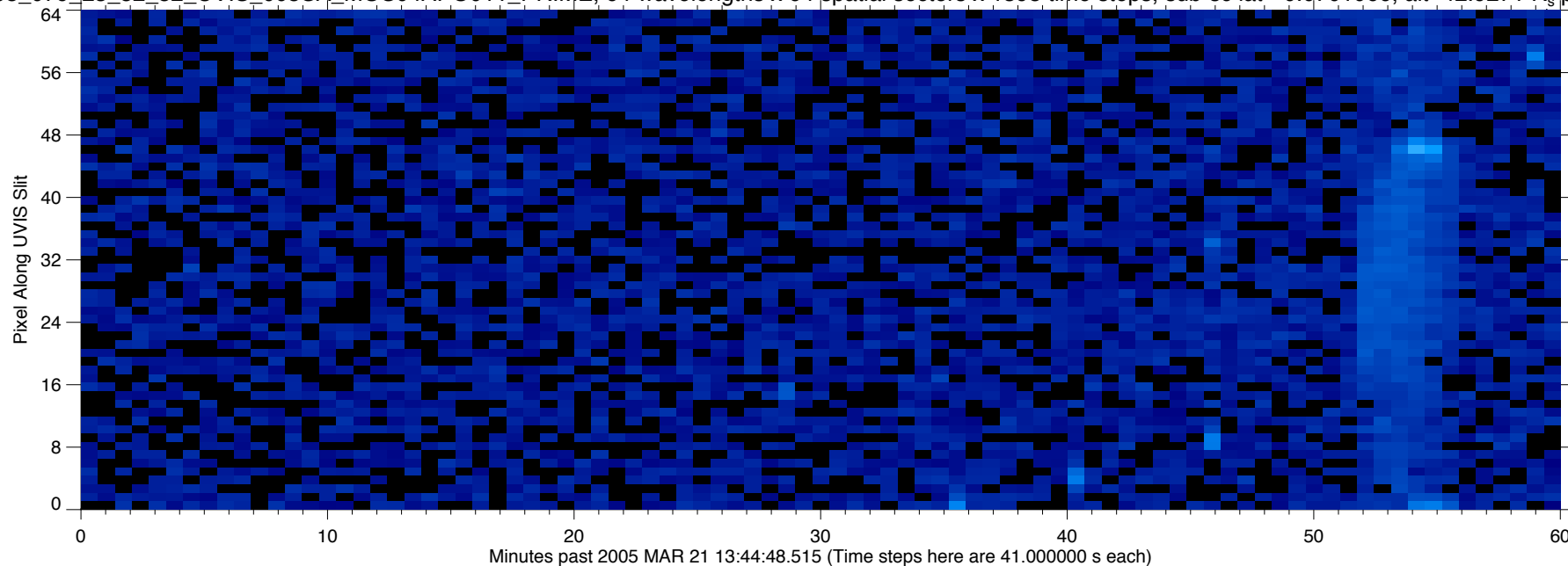
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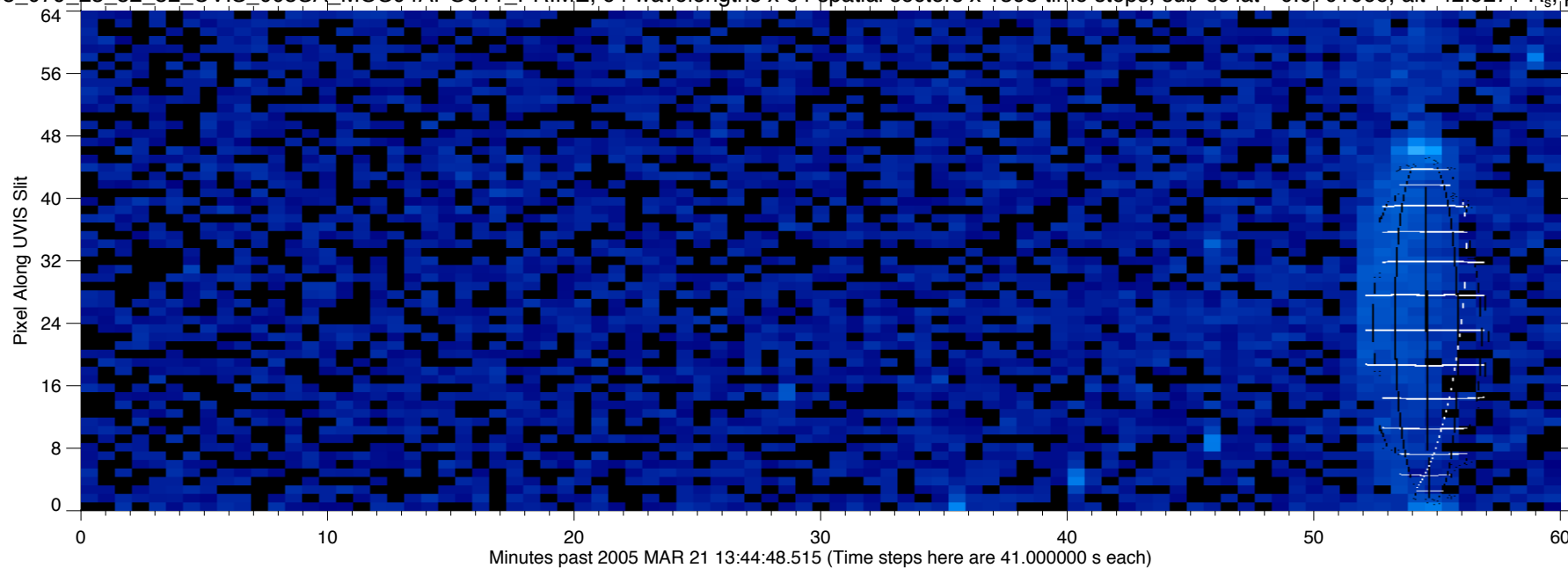
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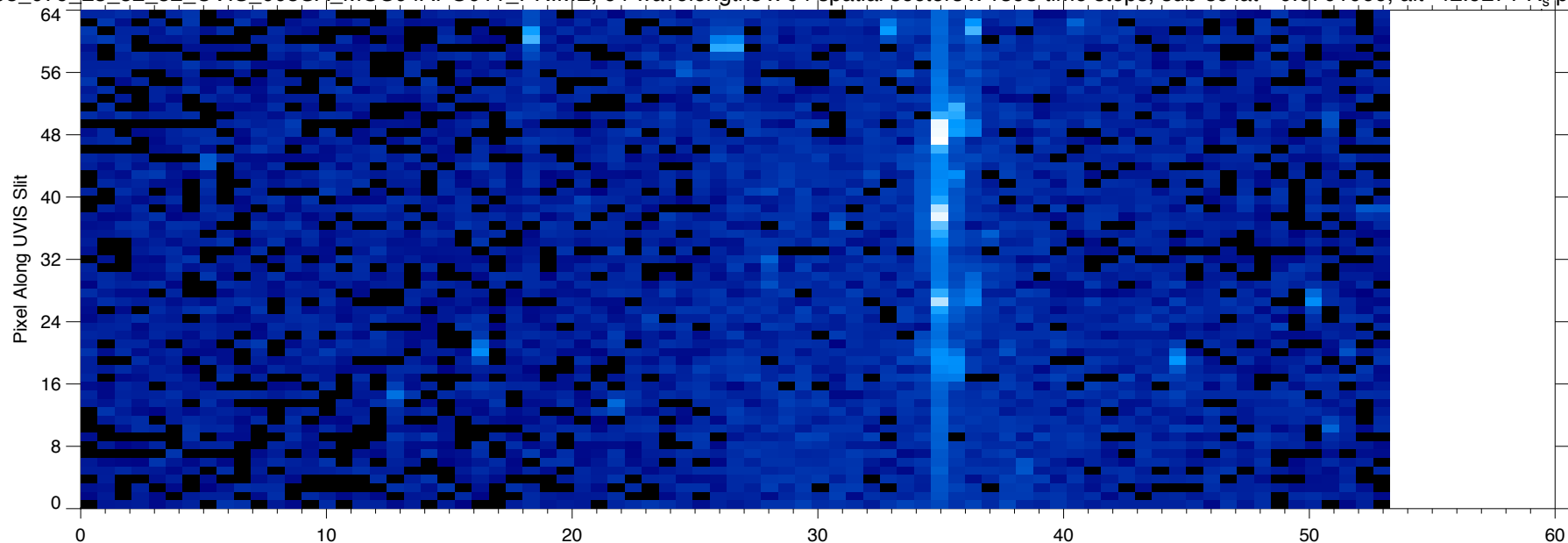
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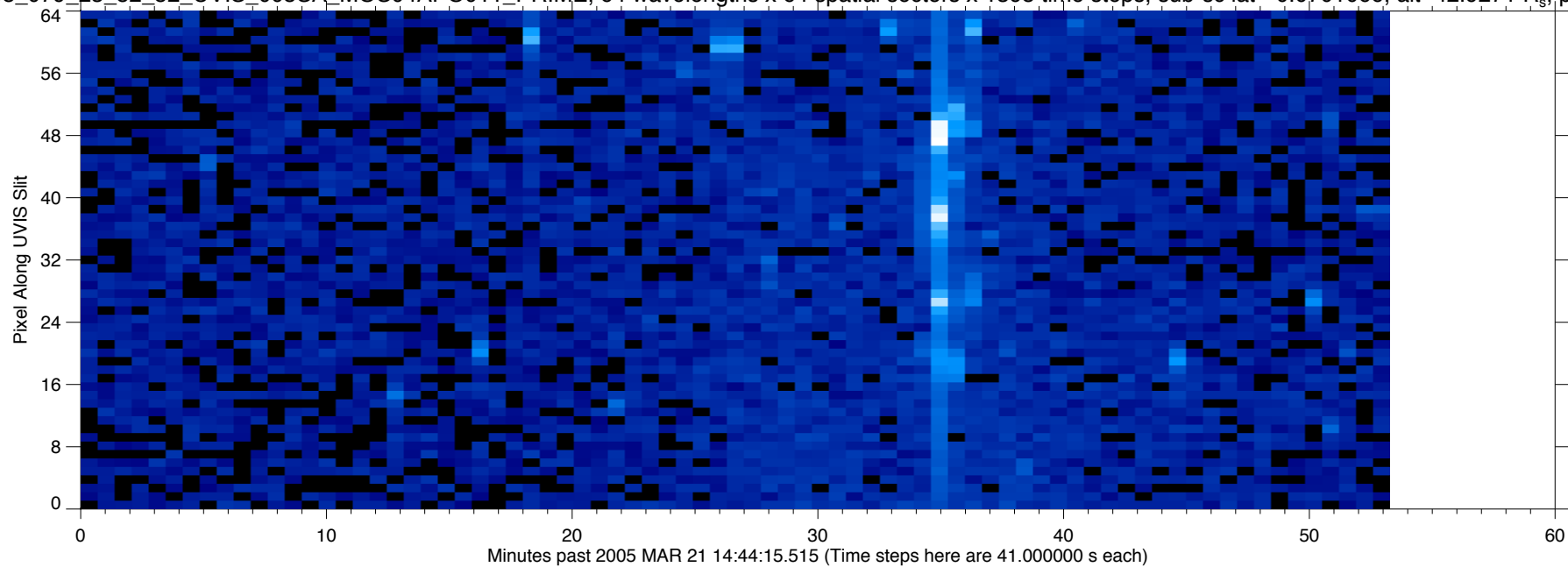
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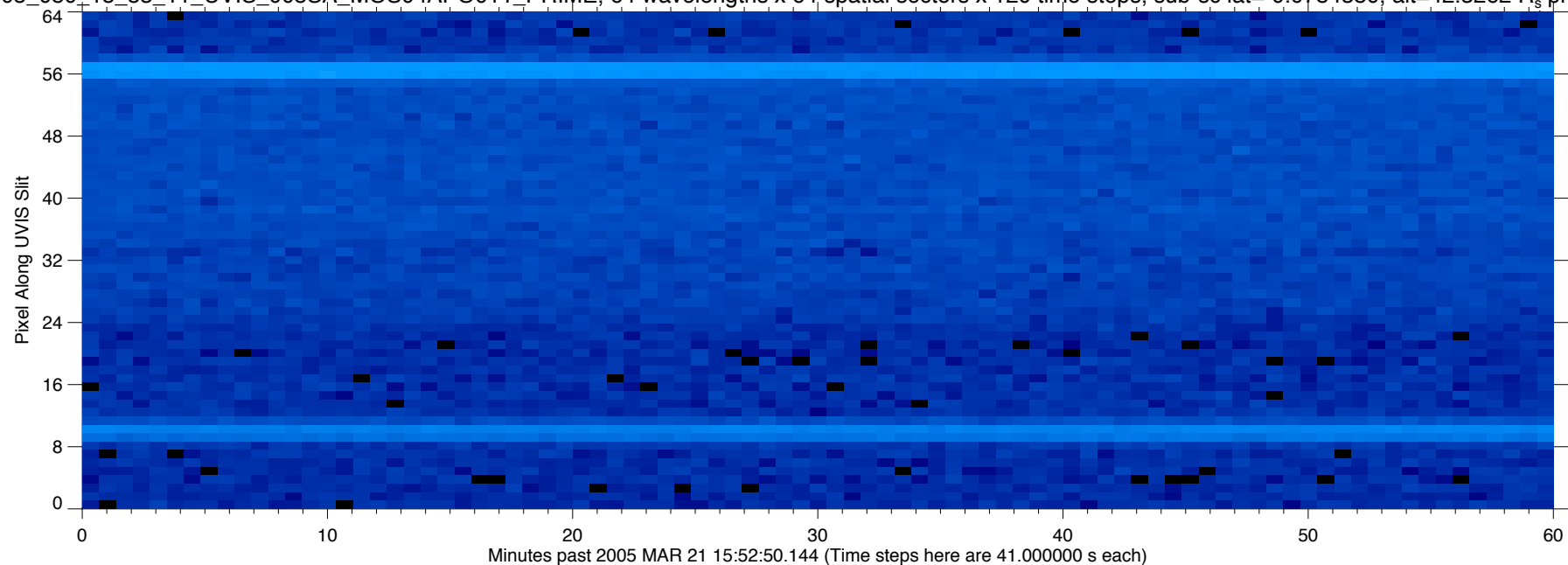
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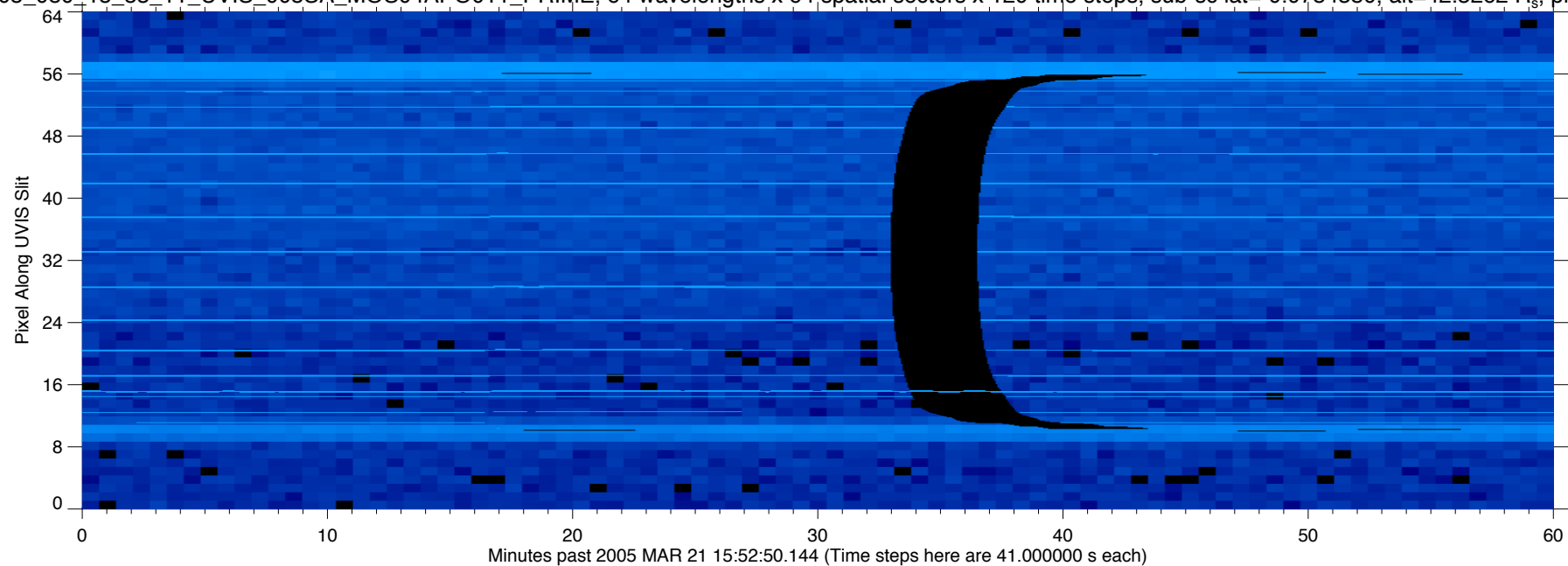
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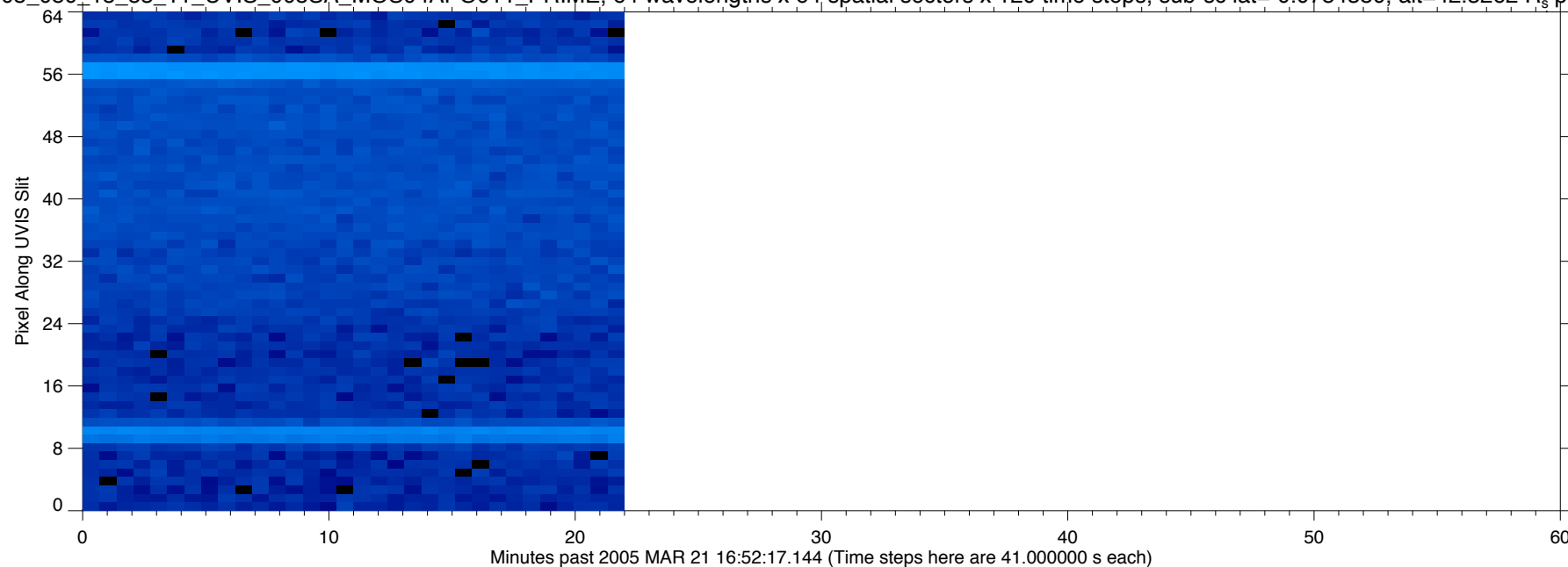
FUV2005_080_15_53_11_UVIS_005SA_MOS04APO011_PRIME, 64 wavelengths x 64 spatial sectors x 120 time steps, sub-sc lat=-0.0784380, alt=42.3262 R_s, phase=60.7550



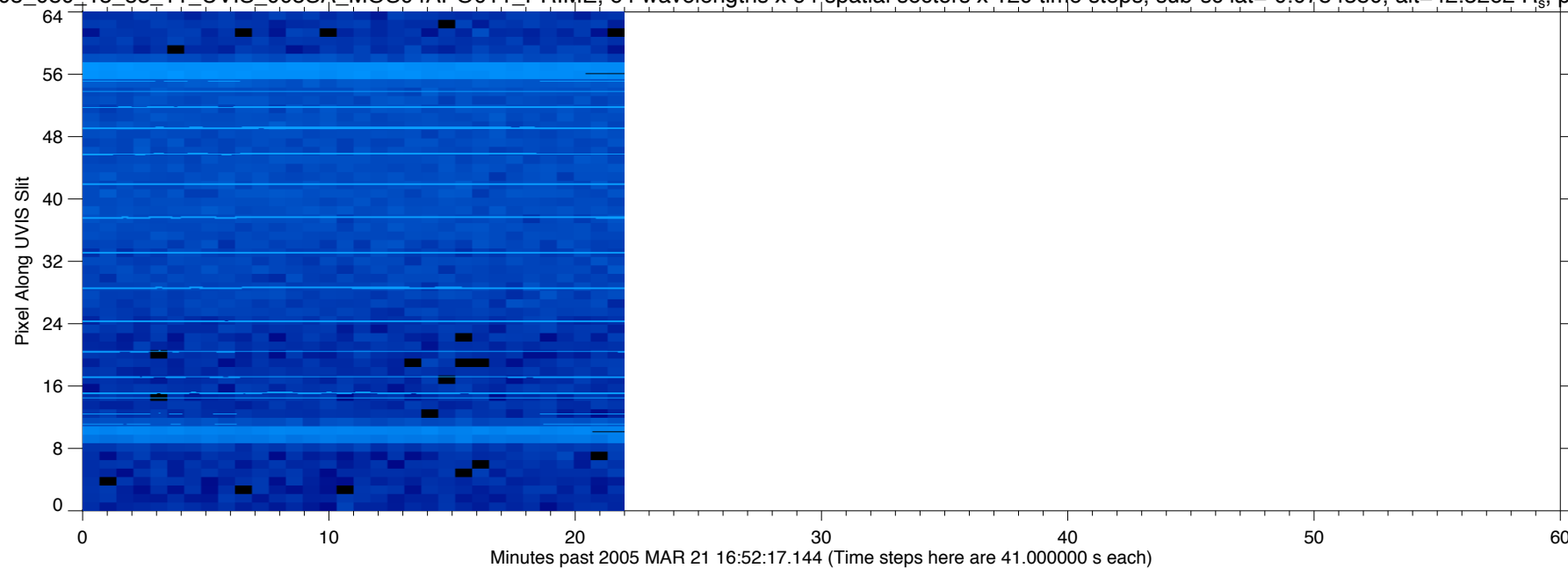
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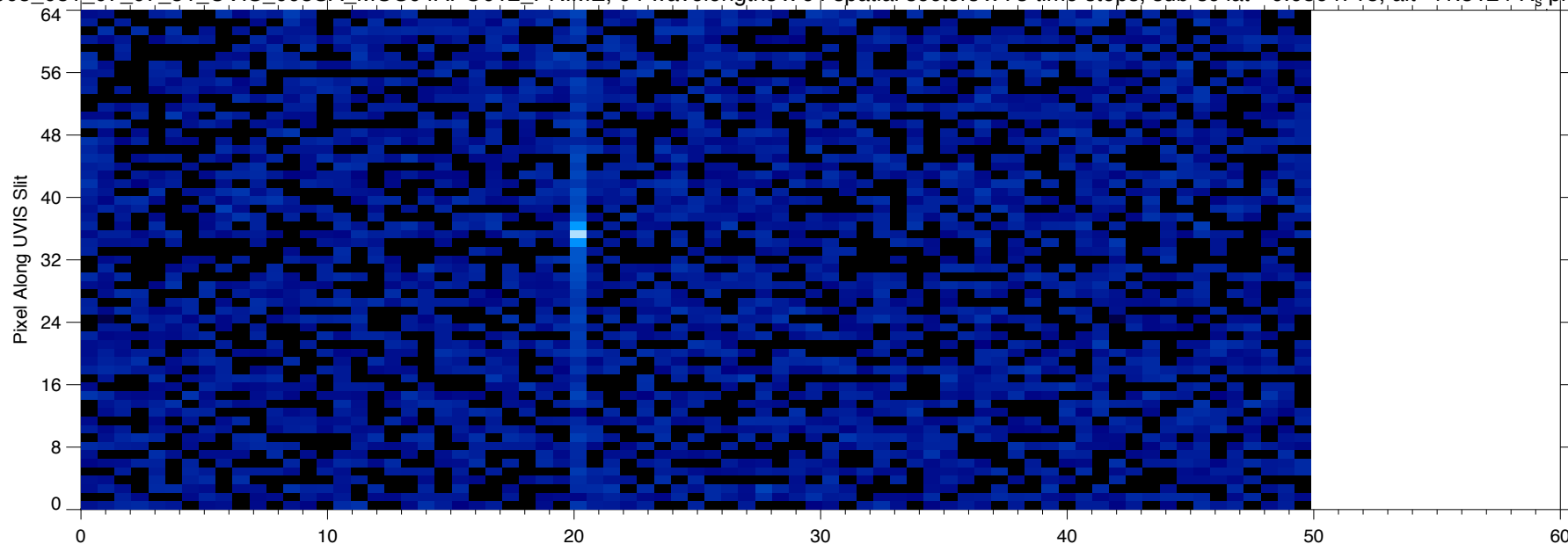
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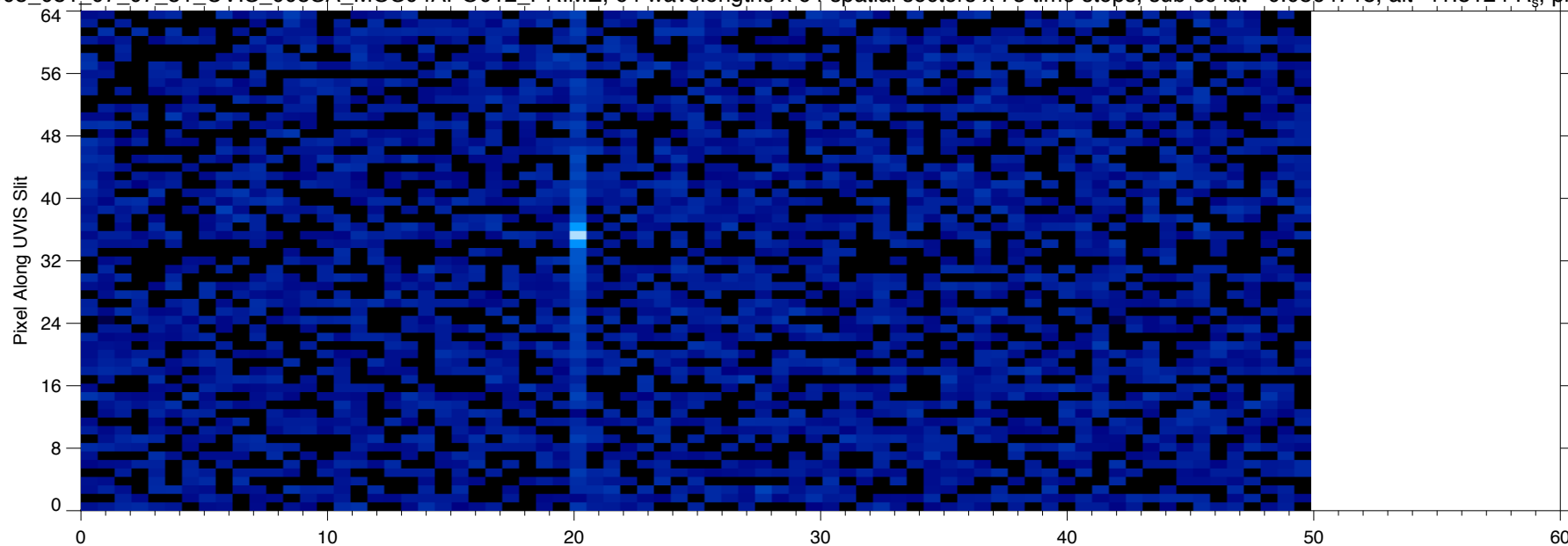
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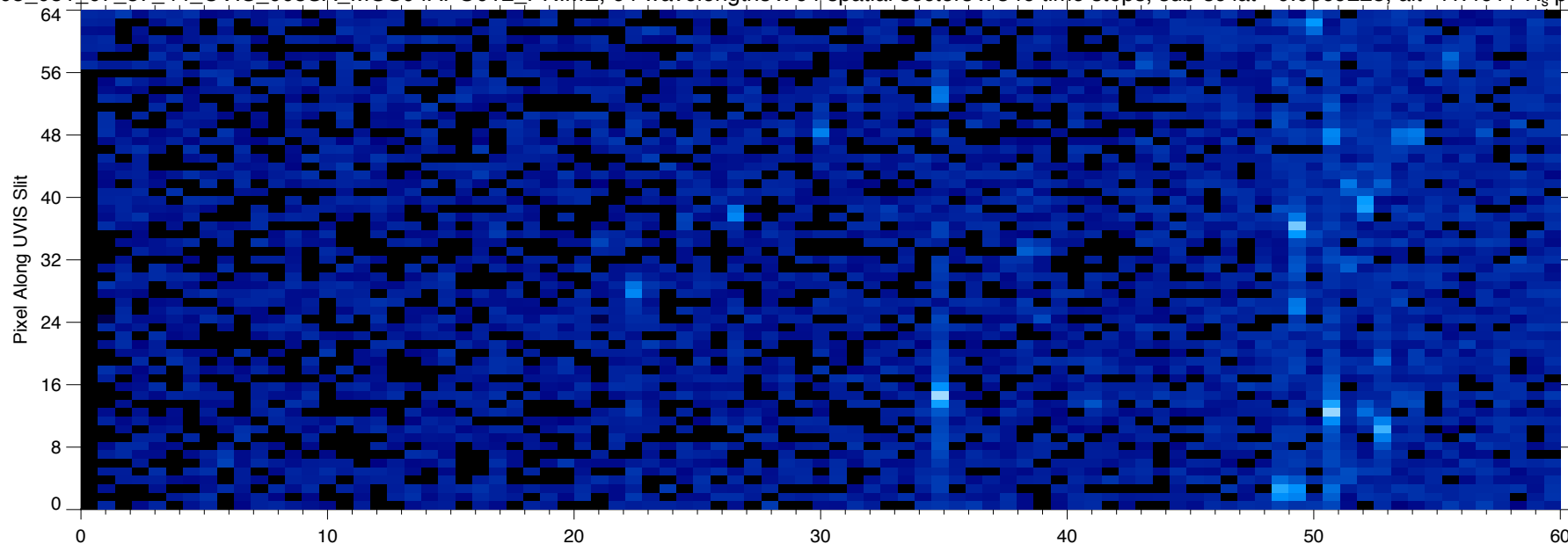
FUV2005_081_07_07_51_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 73 time steps, sub-sc lat=-0.0864718, alt=41.5124 R_s, phase=59.1477



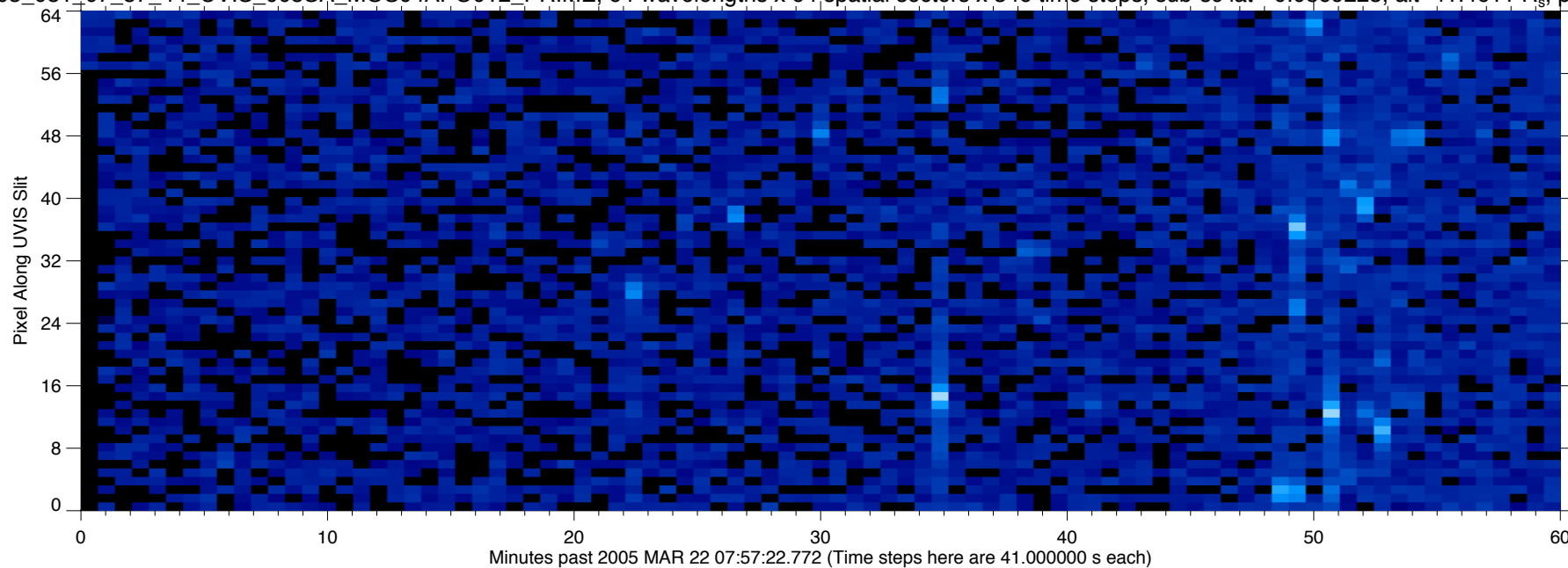
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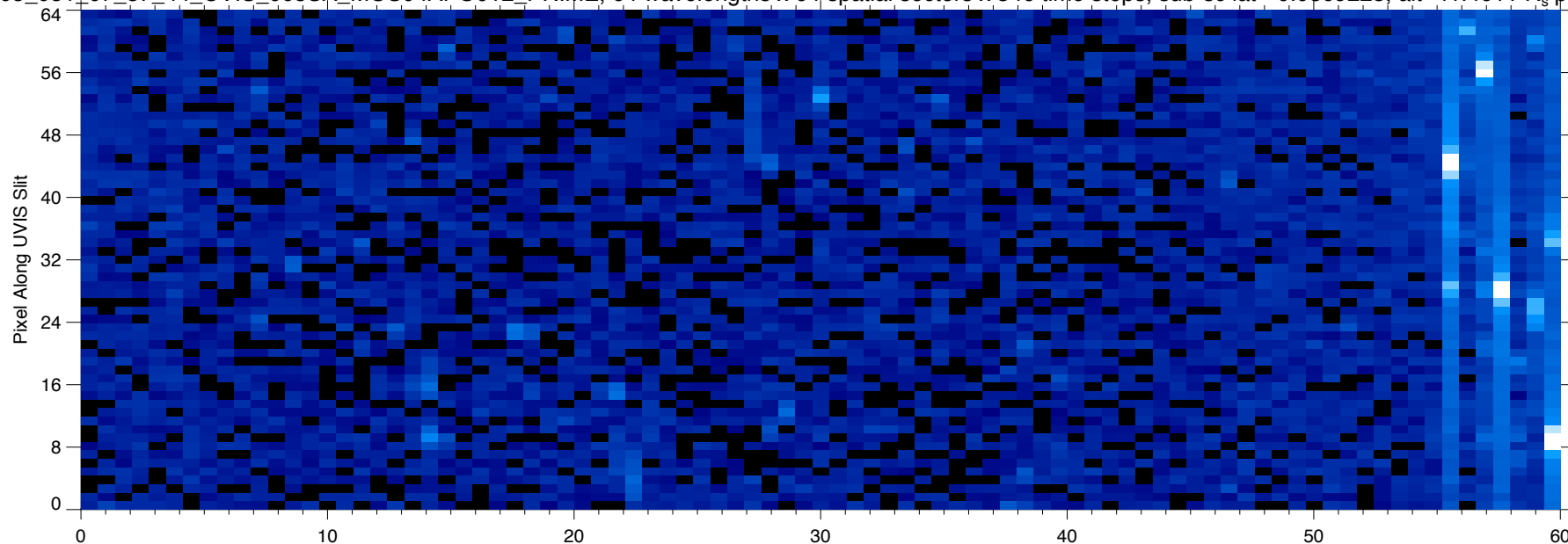
FUV2005_081_07_57_44_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 346 time steps, sub-sc lat=-0.0869225, alt=41.4611 R_s, phase=59.0583



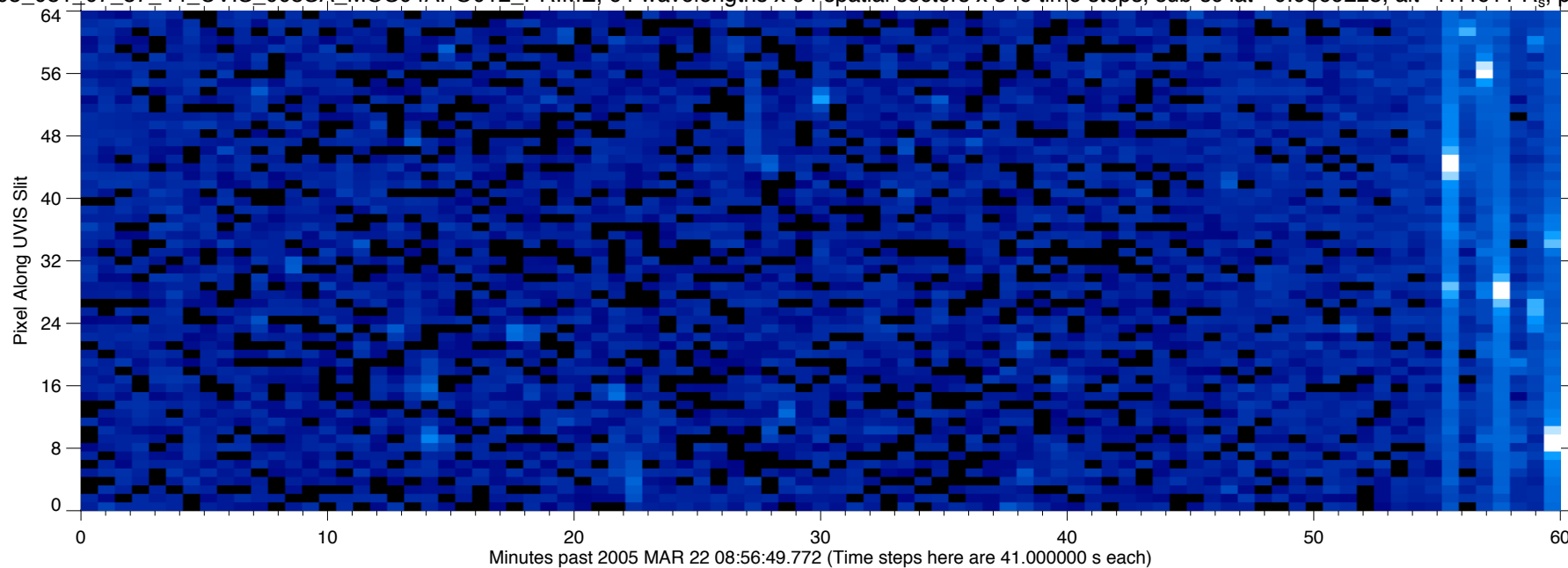
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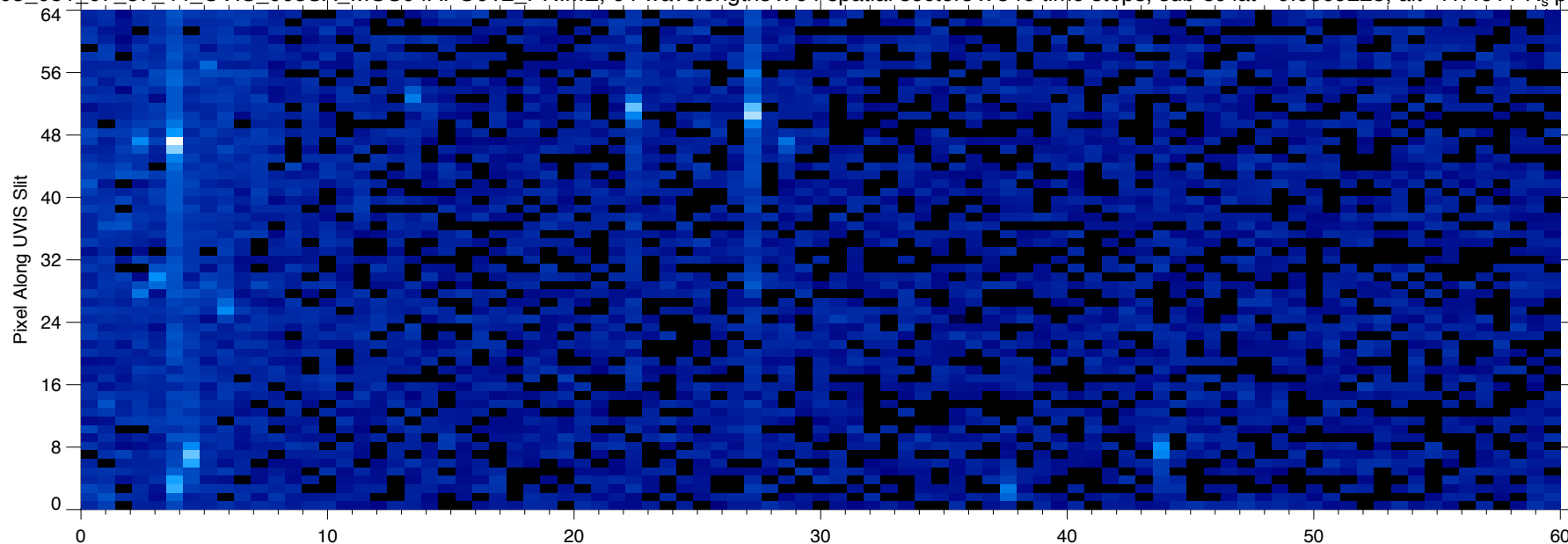
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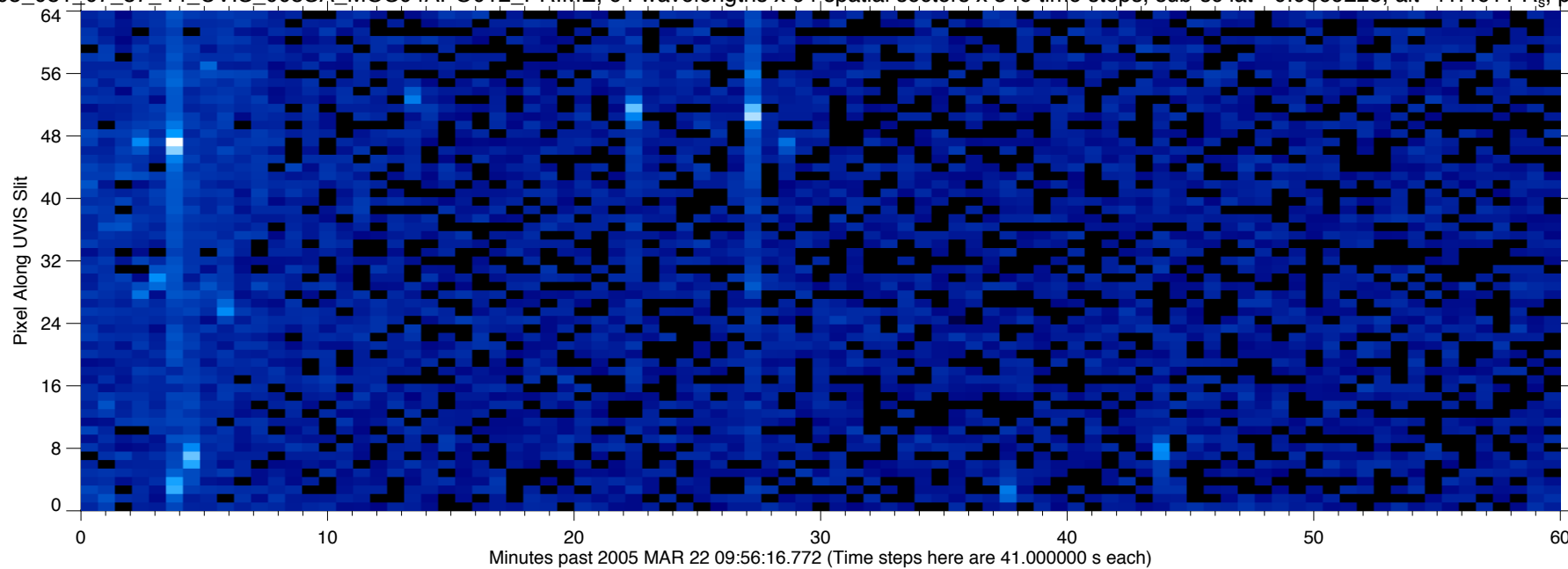
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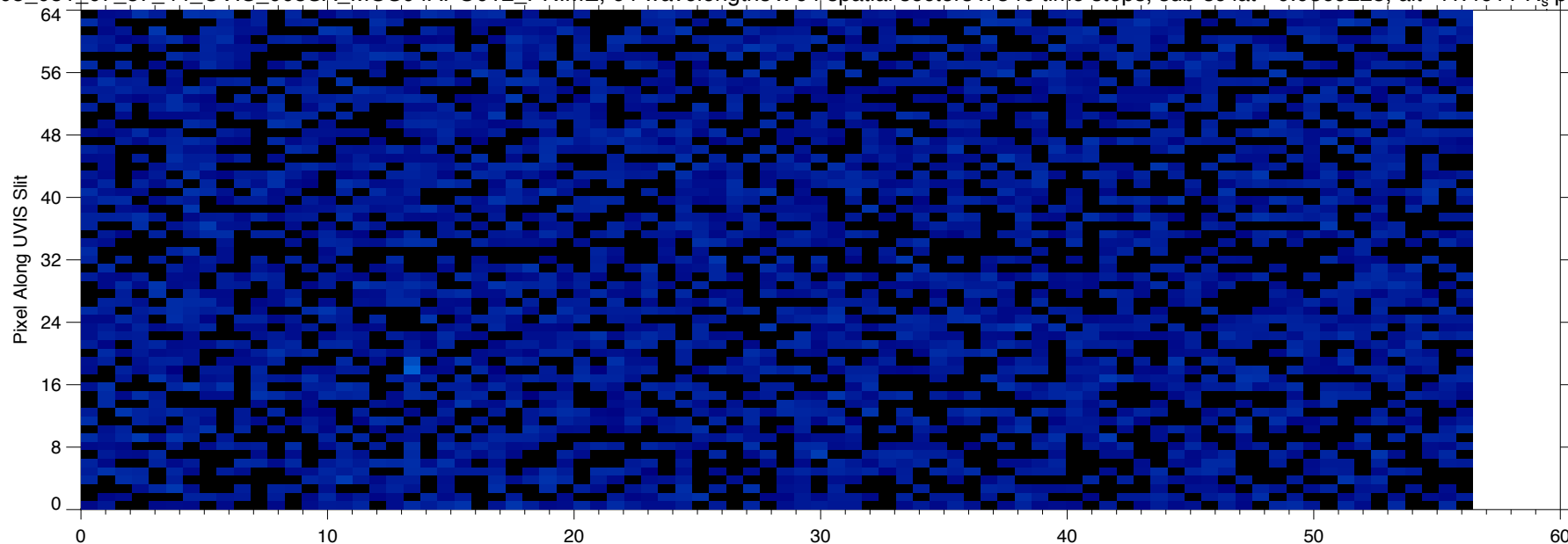
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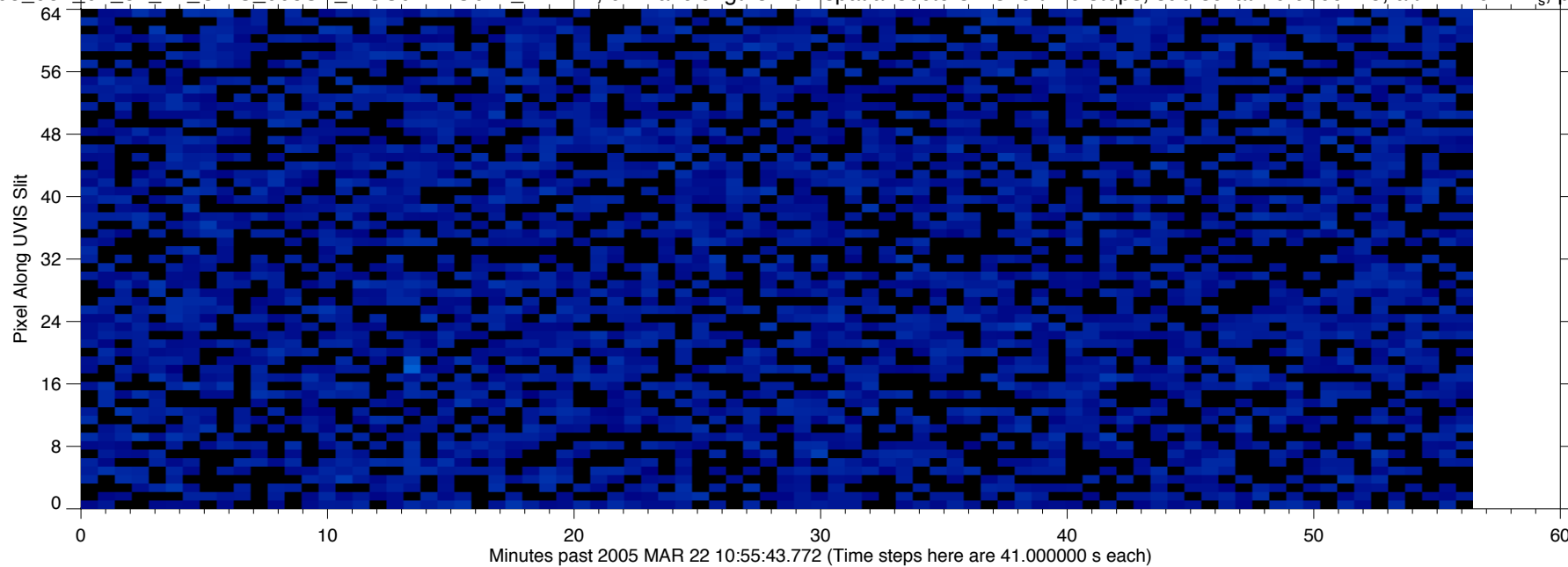
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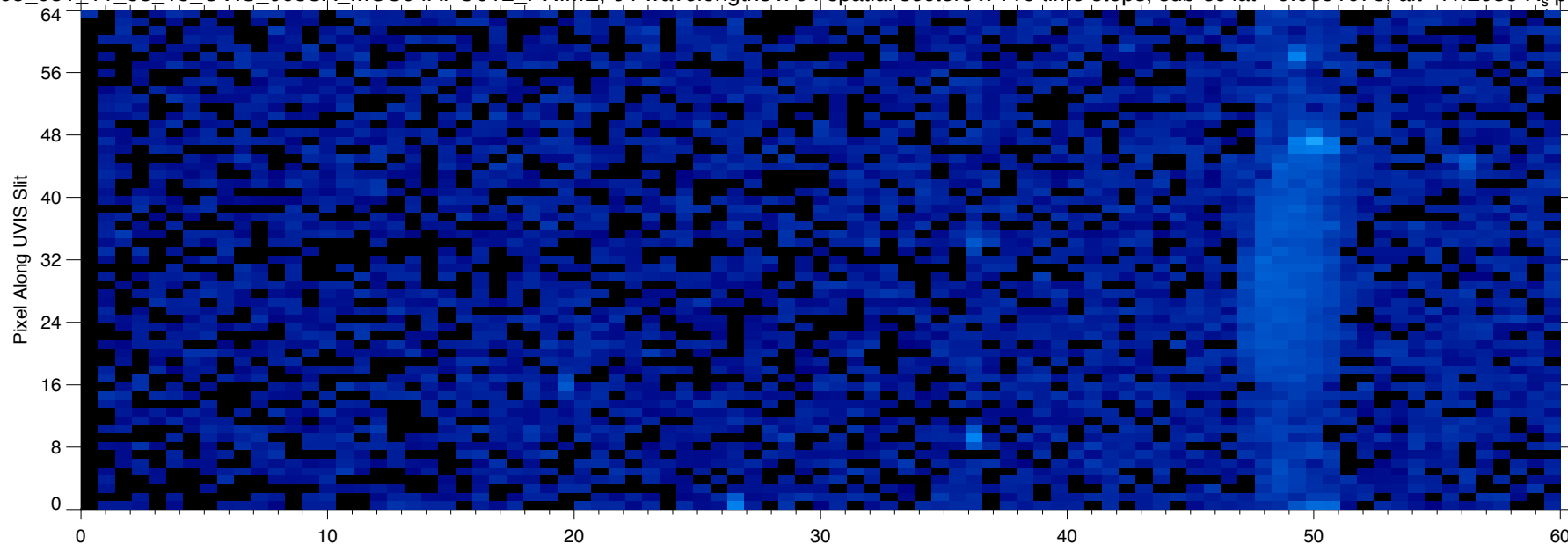
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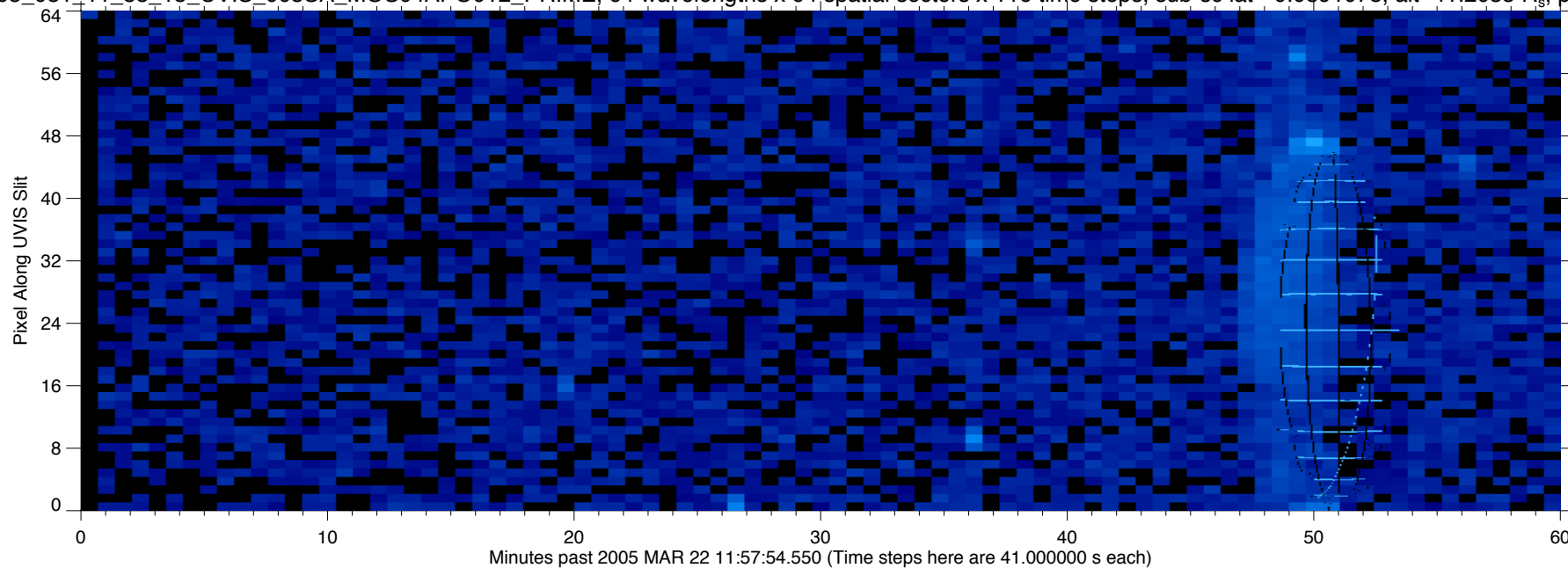
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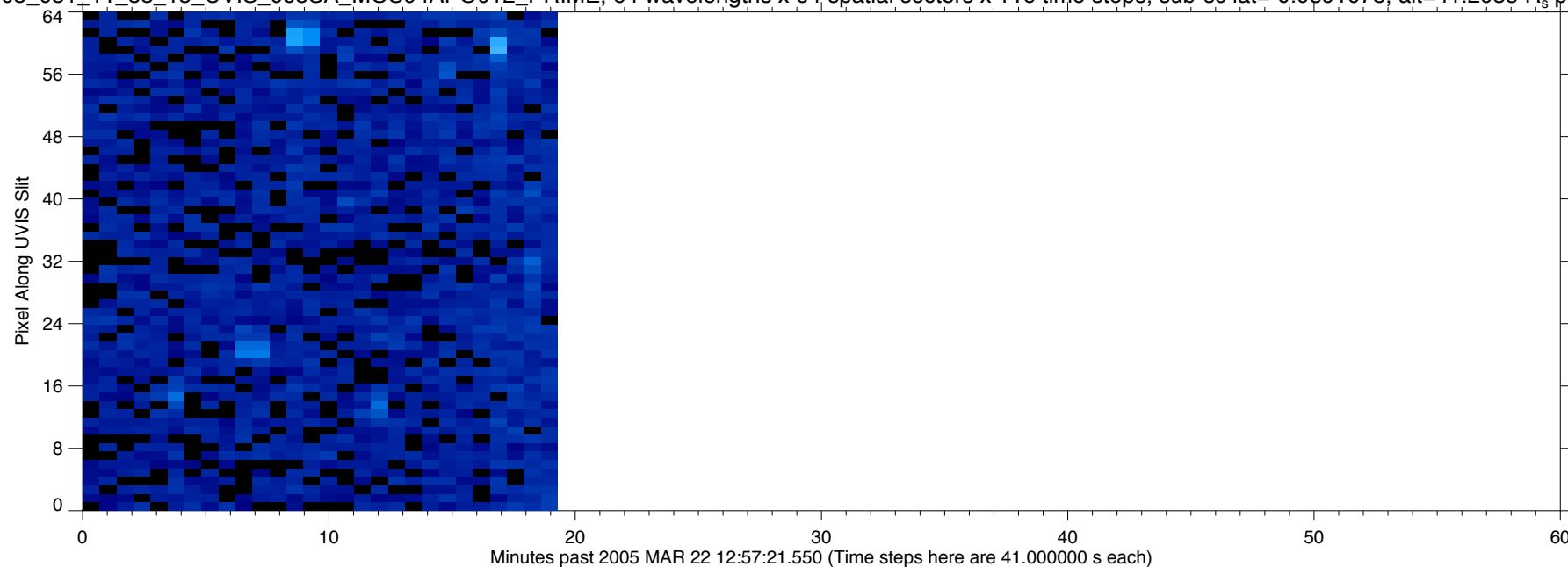
FUV2005_081_11_58_15_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 116 time steps, sub-sc lat=-0.0891078, alt=41.2035 R_s, phase=58.6245



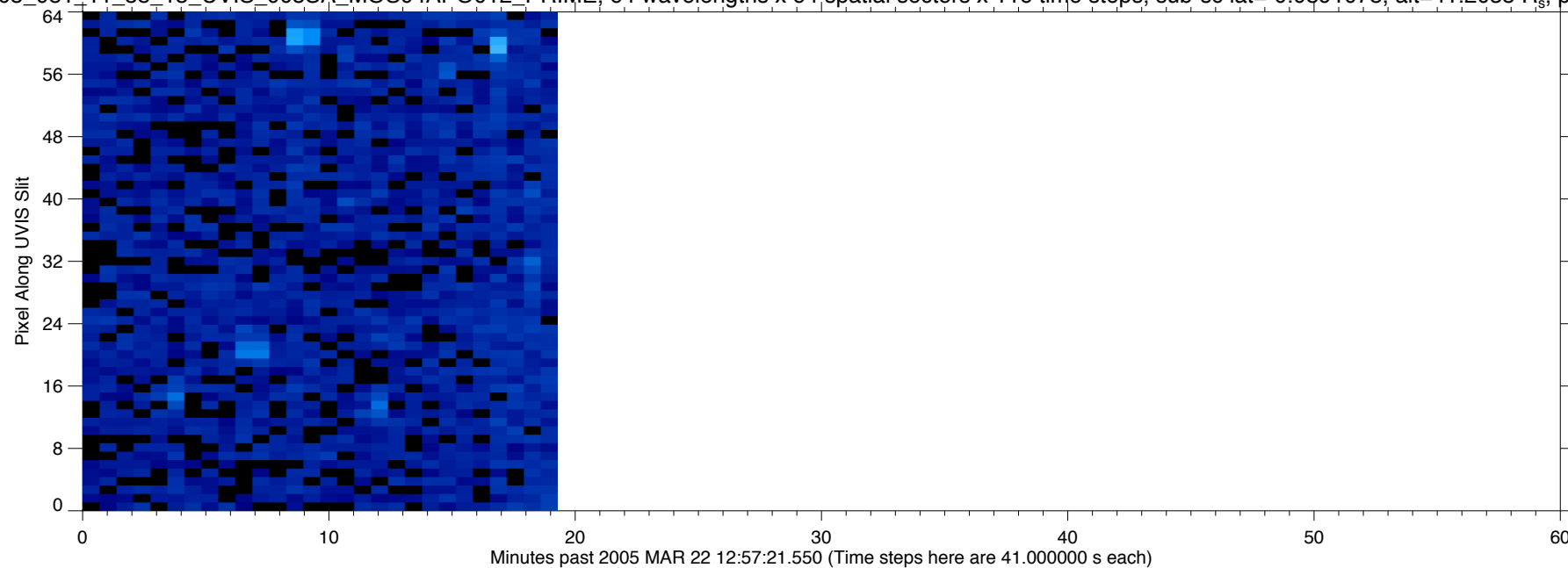
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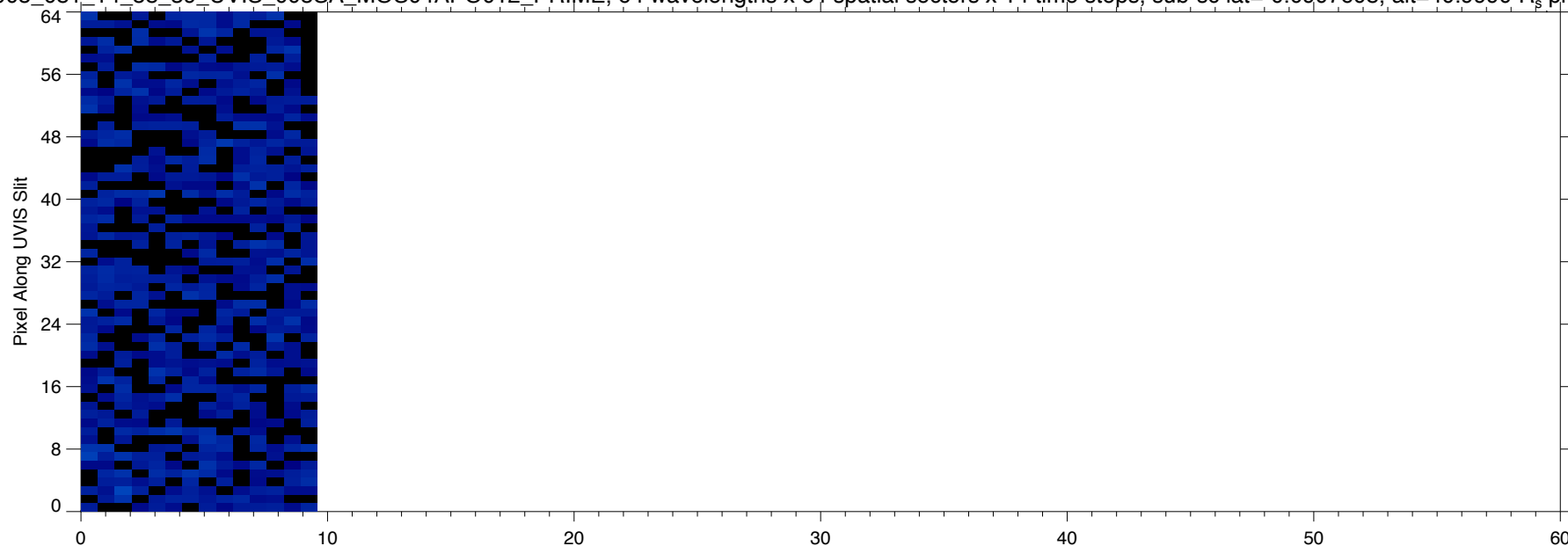
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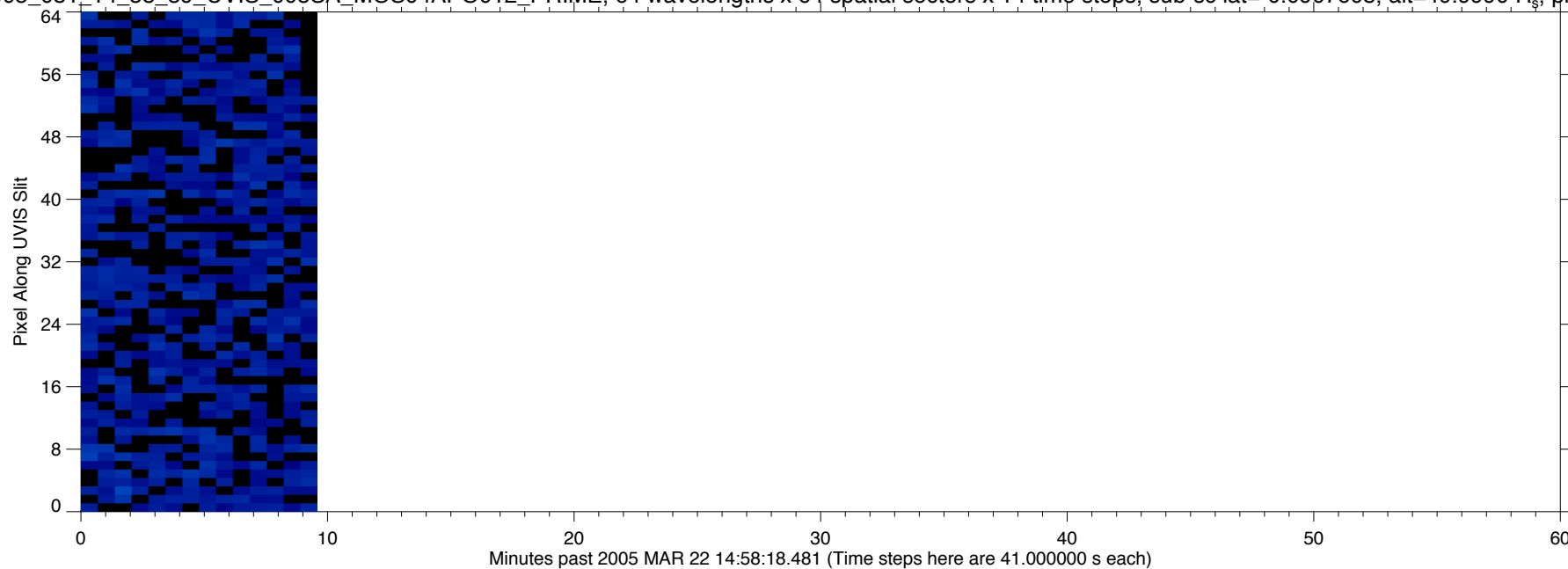
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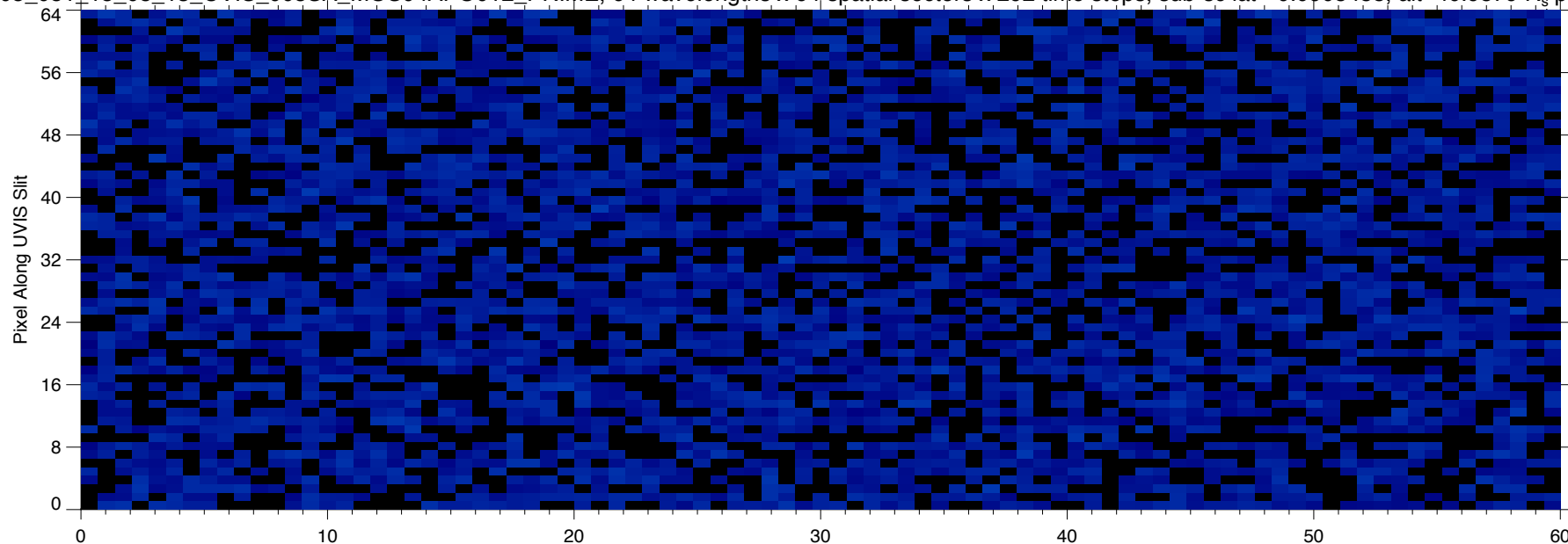
FUV2005_081_14_58_39_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 14 time steps, sub-sc lat=-0.0907608, alt=40.9990 R_s, phase=58.2958



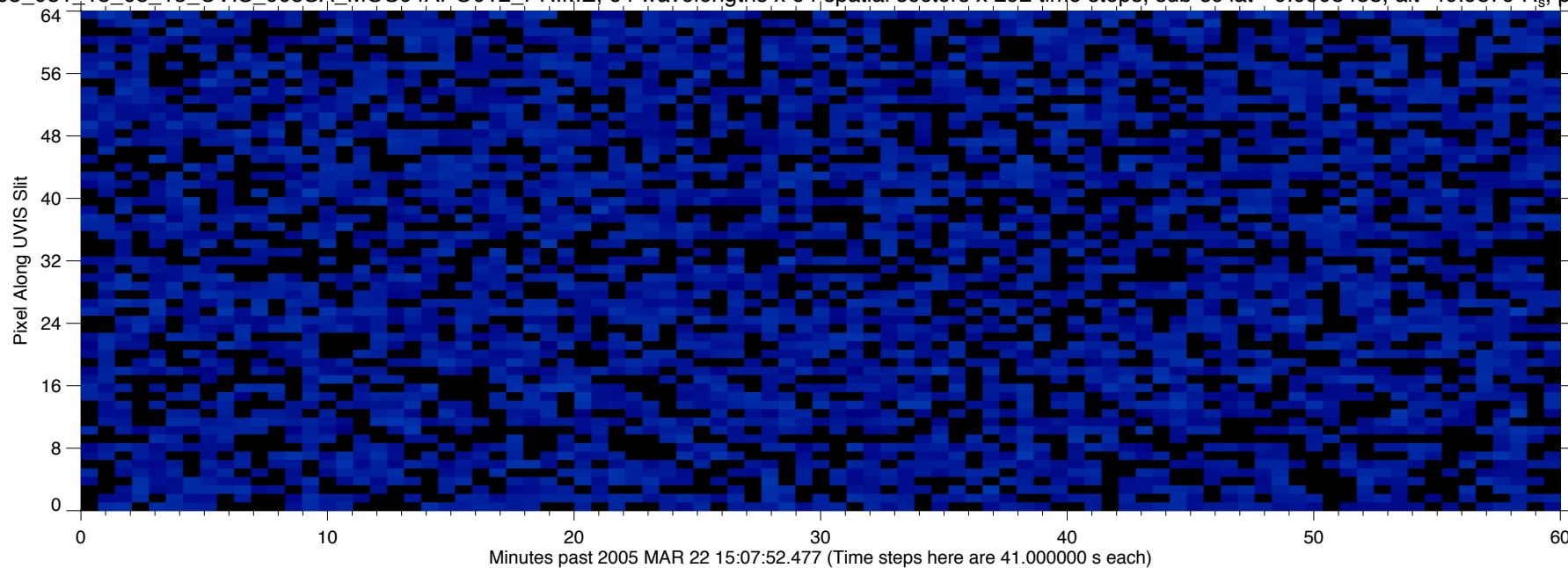
FUV2005_081_14_58_39_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 14 time steps, sub-sc lat=-0.0907608, alt=40.9990 R_s, phase=58.2958



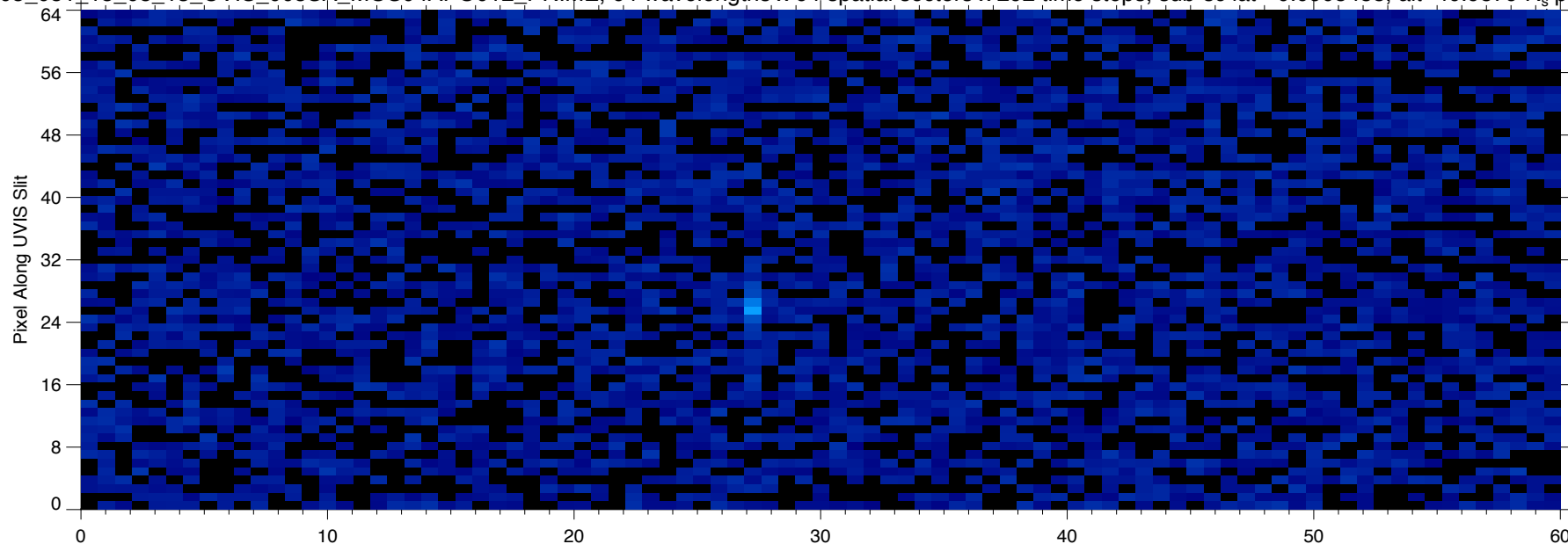
FUV2005_081_15_08_13_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 292 time steps, sub-sc lat=-0.0908488, alt=40.9879 R_s, phase=58.2783



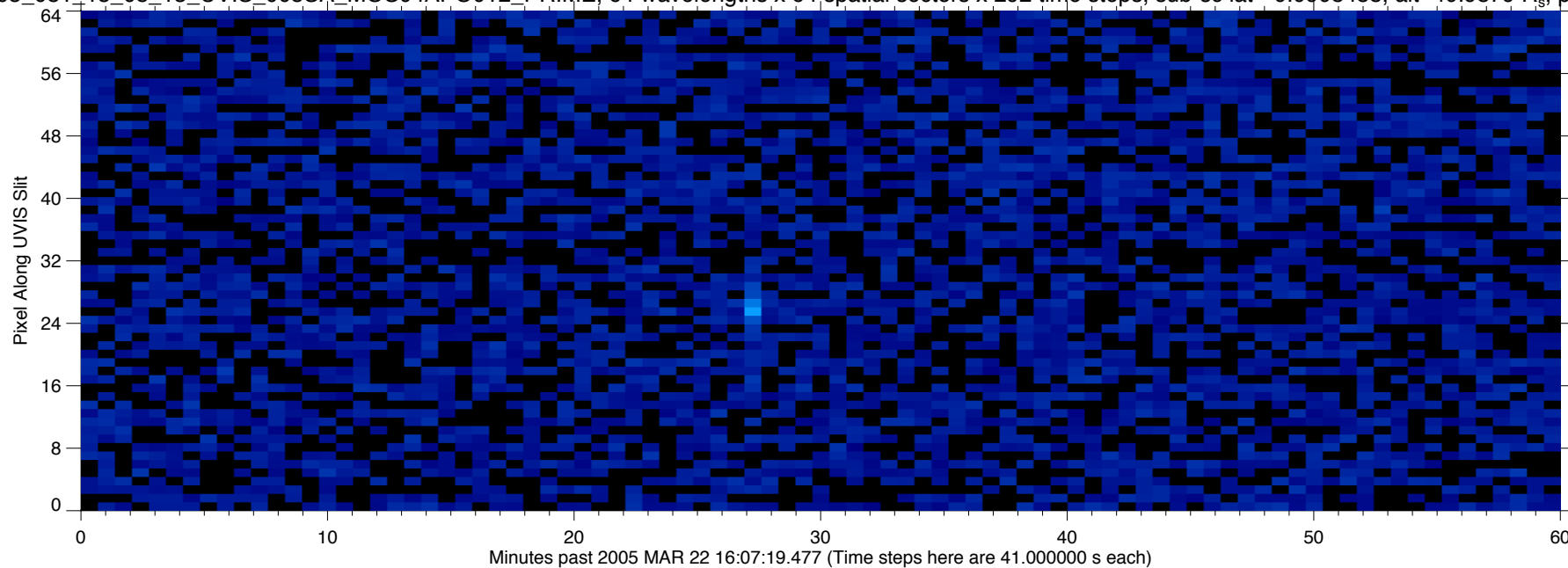
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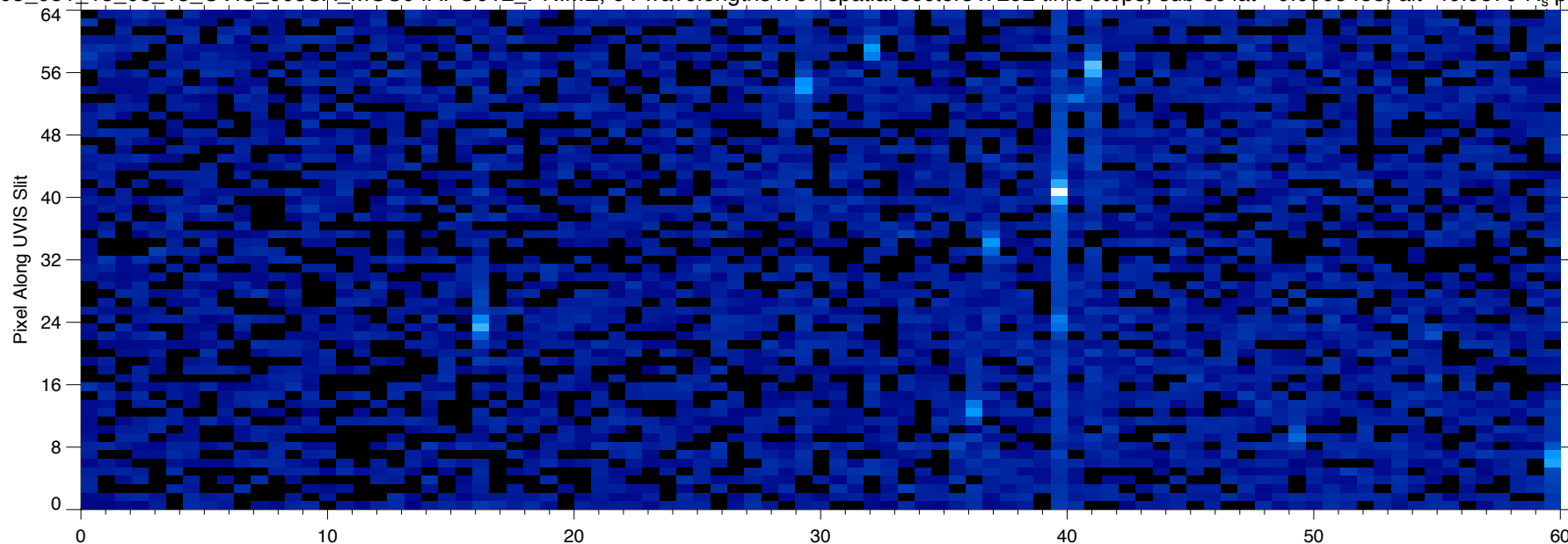
FUV2005_081_15_08_13_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 292 time steps, sub-sc lat=-0.0908488, alt=40.9879 R_s, phase=58.2783



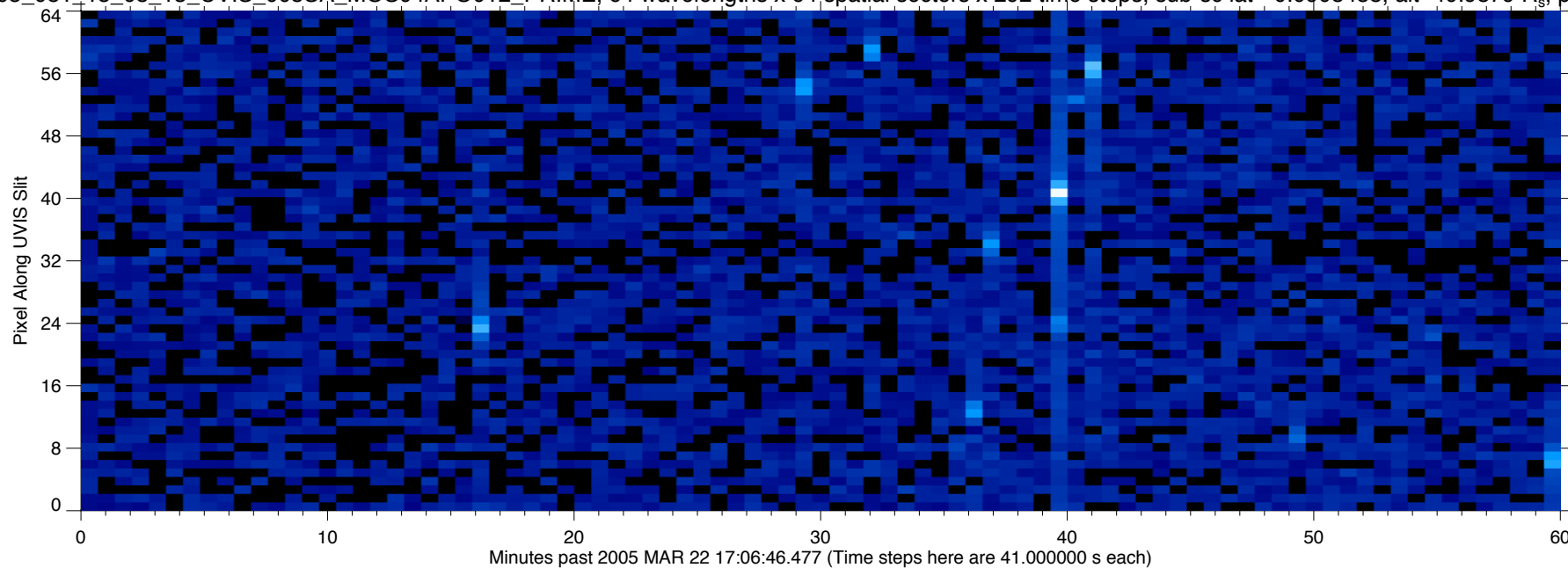
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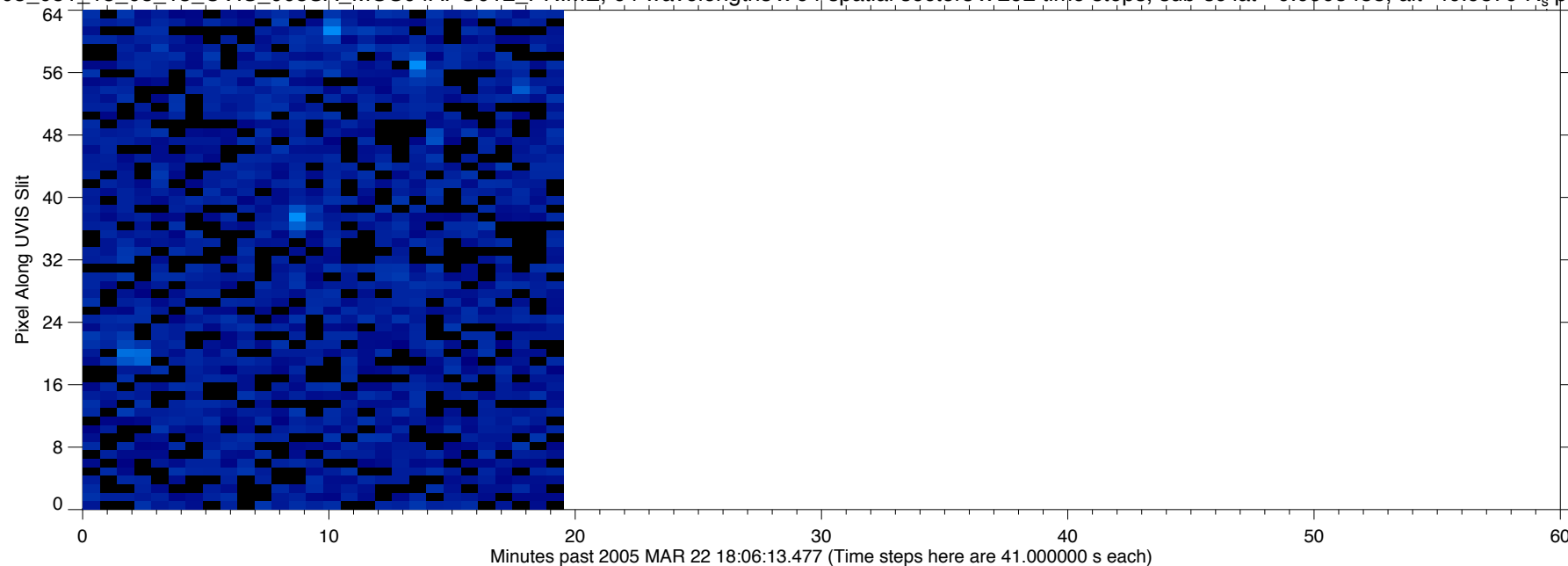
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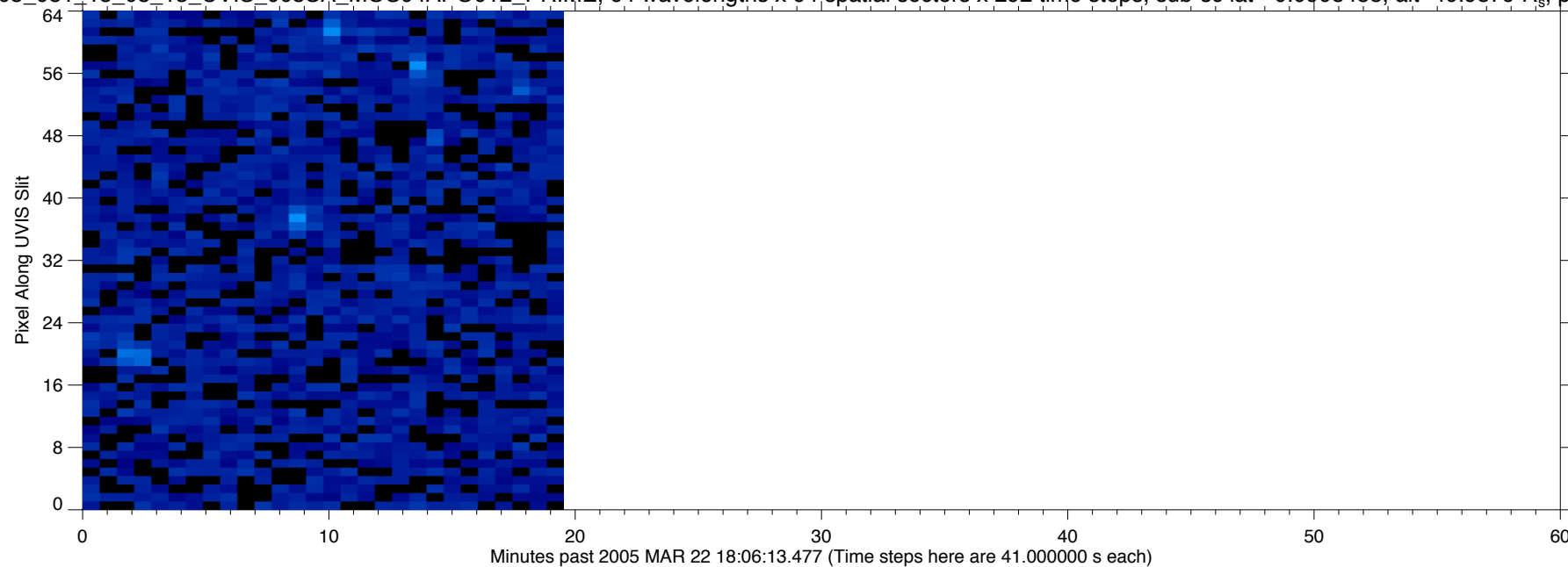
FUV2005_081_15_08_13_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 292 time steps, sub-sc lat=-0.0908488, alt=40.9879 R_s, phase=58.2783



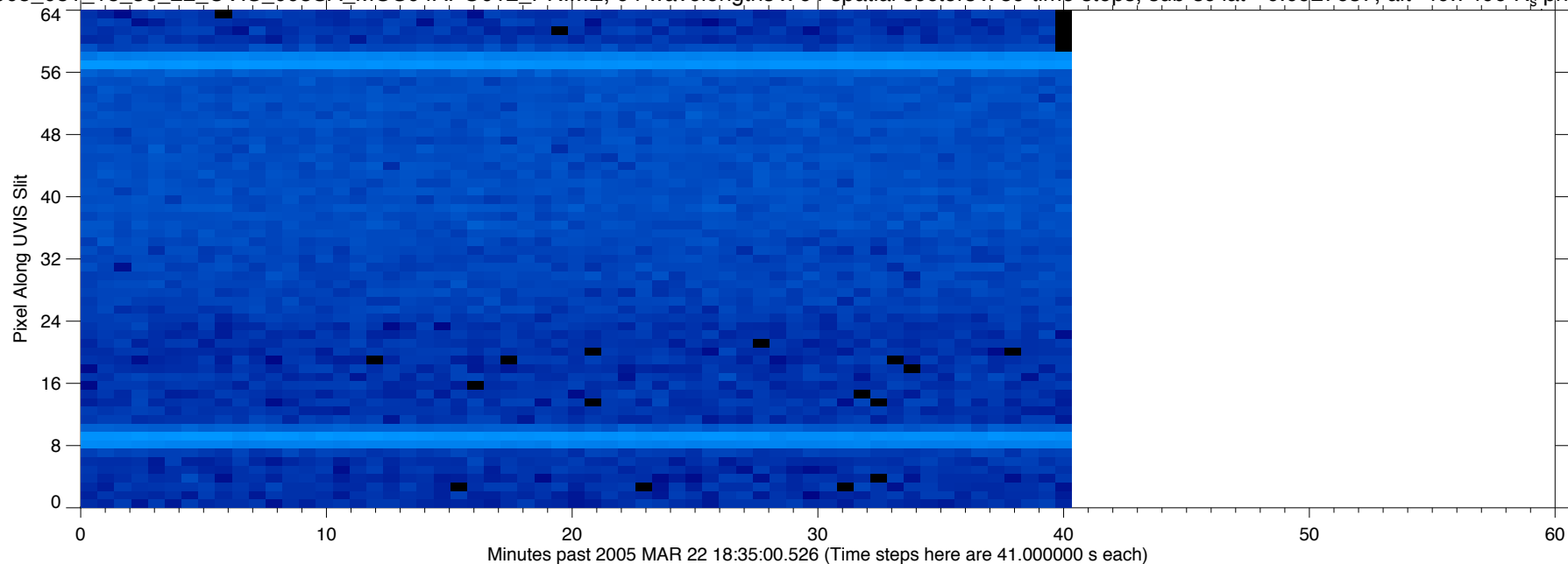
FUV2005_081_15_08_13_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 292 time steps, sub-sc lat=-0.0908488, alt=40.9879 R_s phase=58.2783



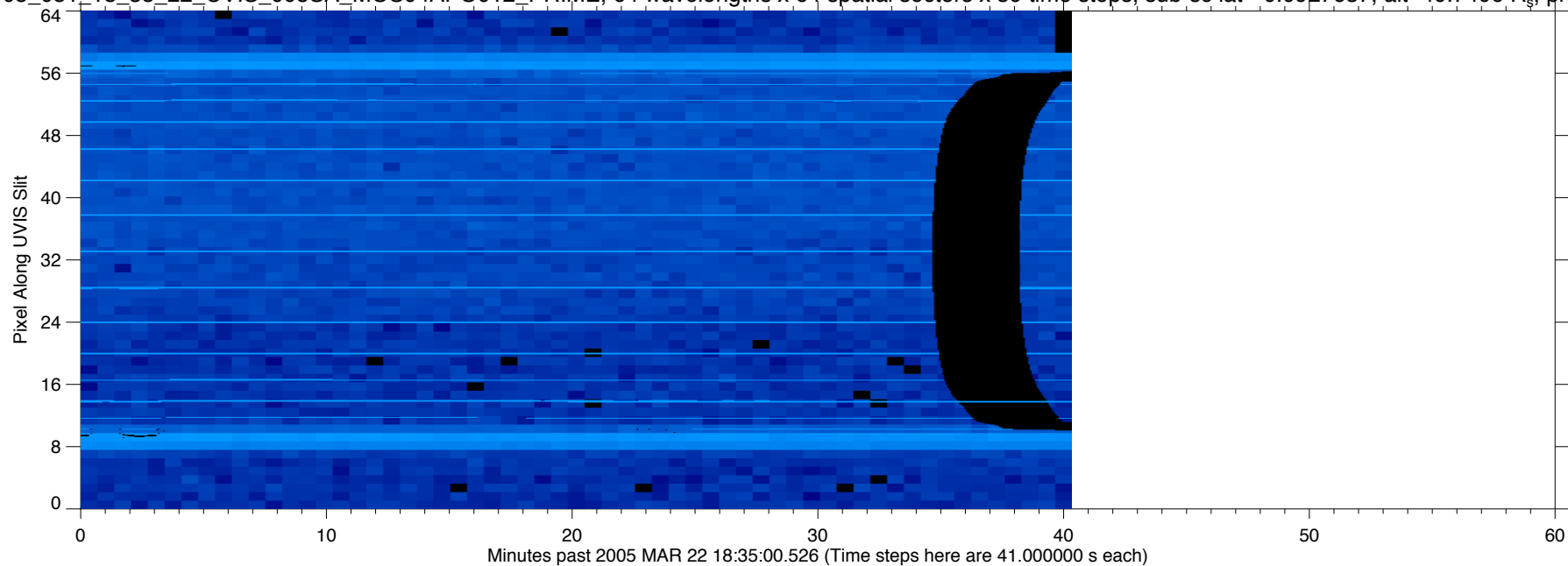
FUV2005_081_15_08_13_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 292 time steps, sub-sc lat=-0.0908488, alt=40.9879 R_s phase=58.2783



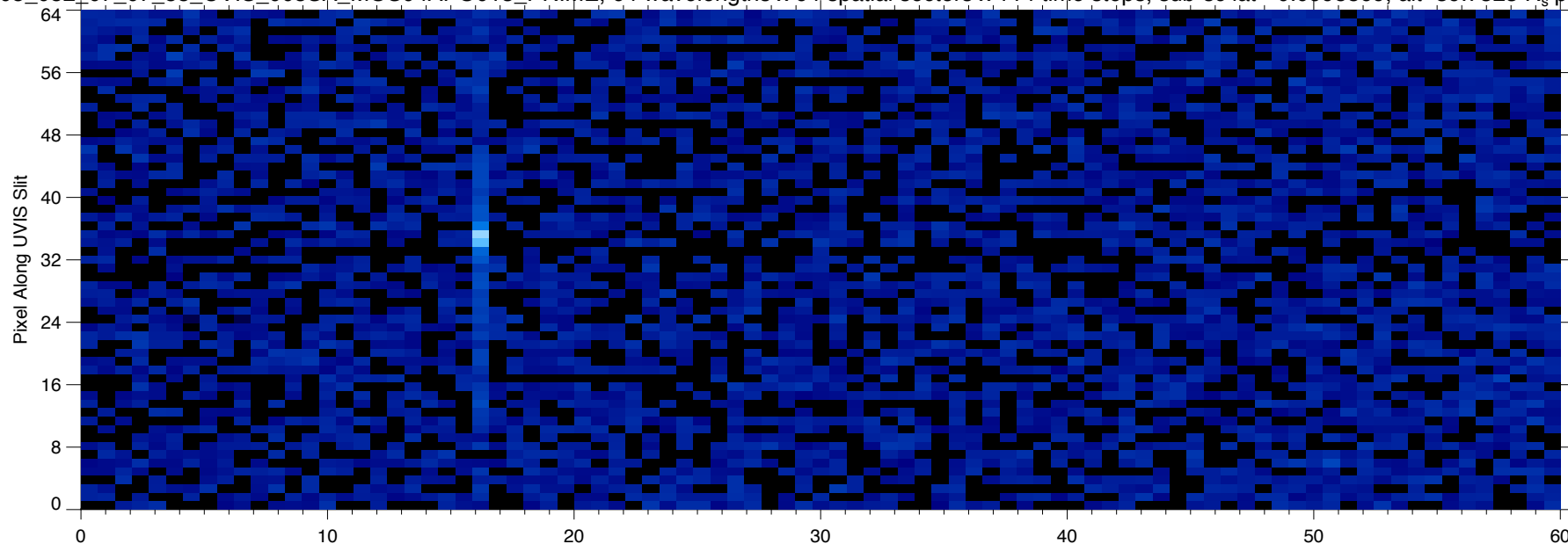
FUV2005_081_18_35_22_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 59 time steps, sub-sc lat=-0.0927637, alt=40.7406 R_s, phase=57.8970



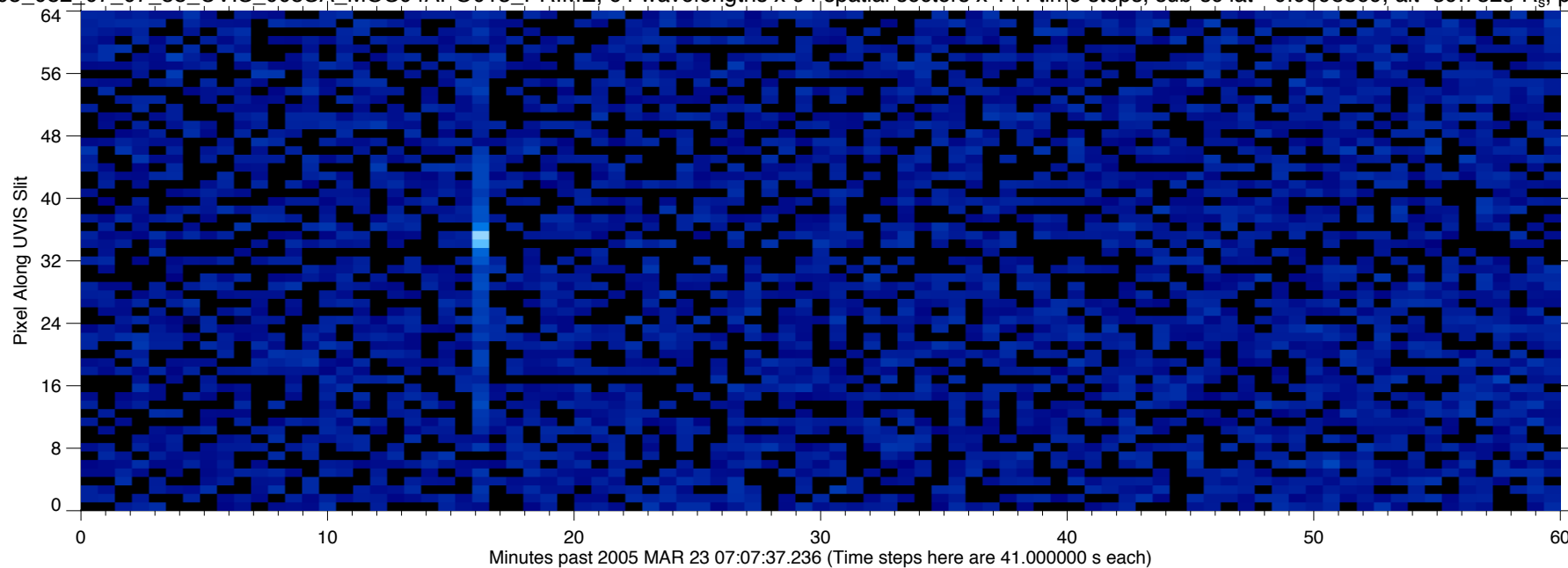
FUV2005_081_18_35_22_UVIS_005SA_MOS04APO012_PRIME, 64 wavelengths x 64 spatial sectors x 59 time steps, sub-sc lat=-0.0927637, alt=40.7406 R_s, phase=57.8970



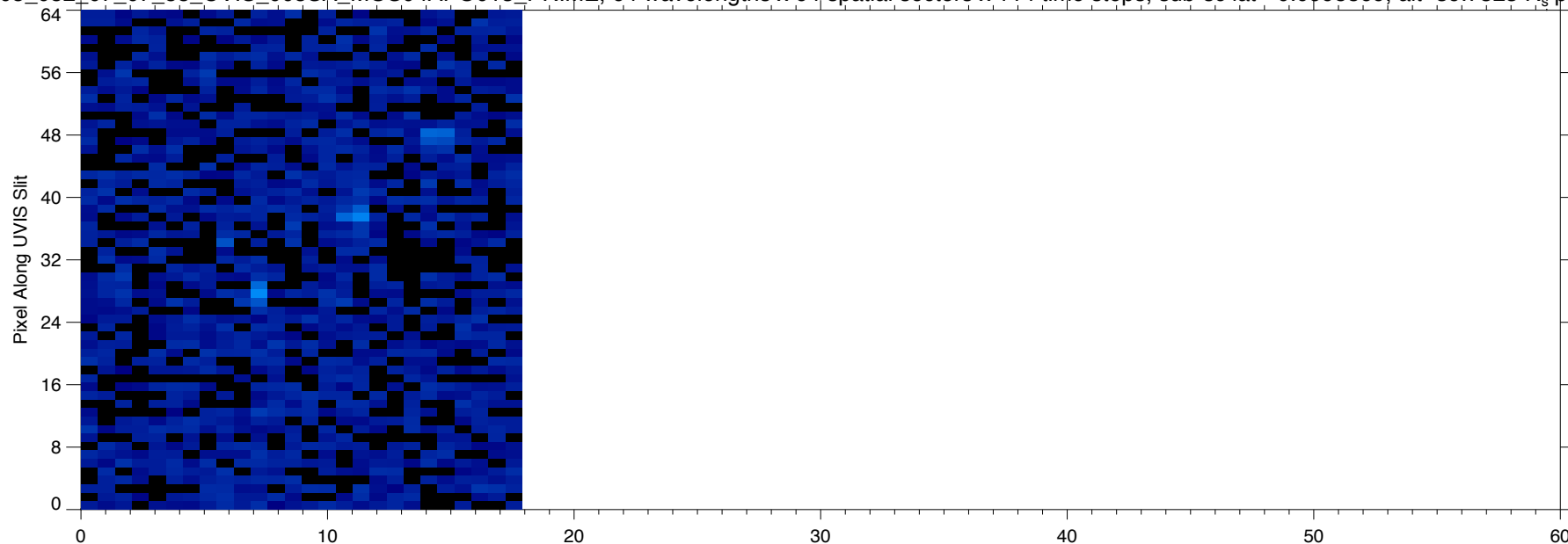
FUV2005_082_07_07_58_UVIS_005SA_MOS04APO013_PRIME, 64 wavelengths x 64 spatial sectors x 114 time steps, sub-sc lat=-0.0998869, alt=39.7323 R_s, phase=56.4727



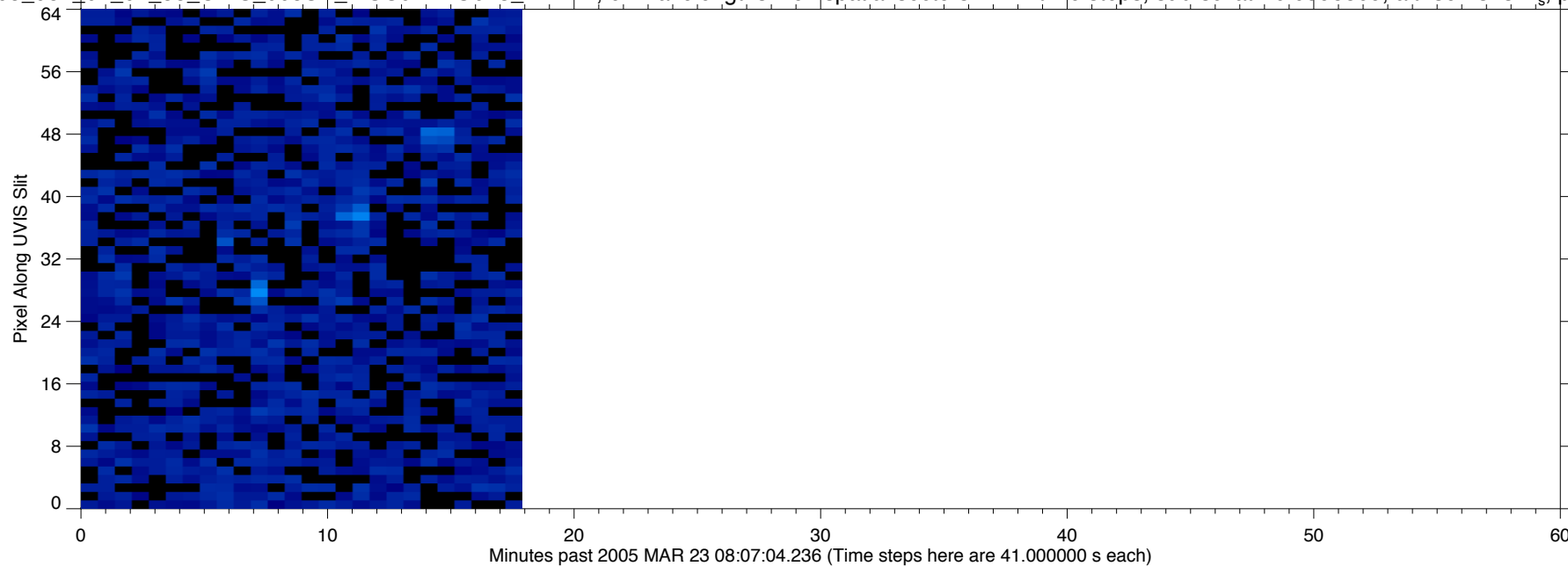
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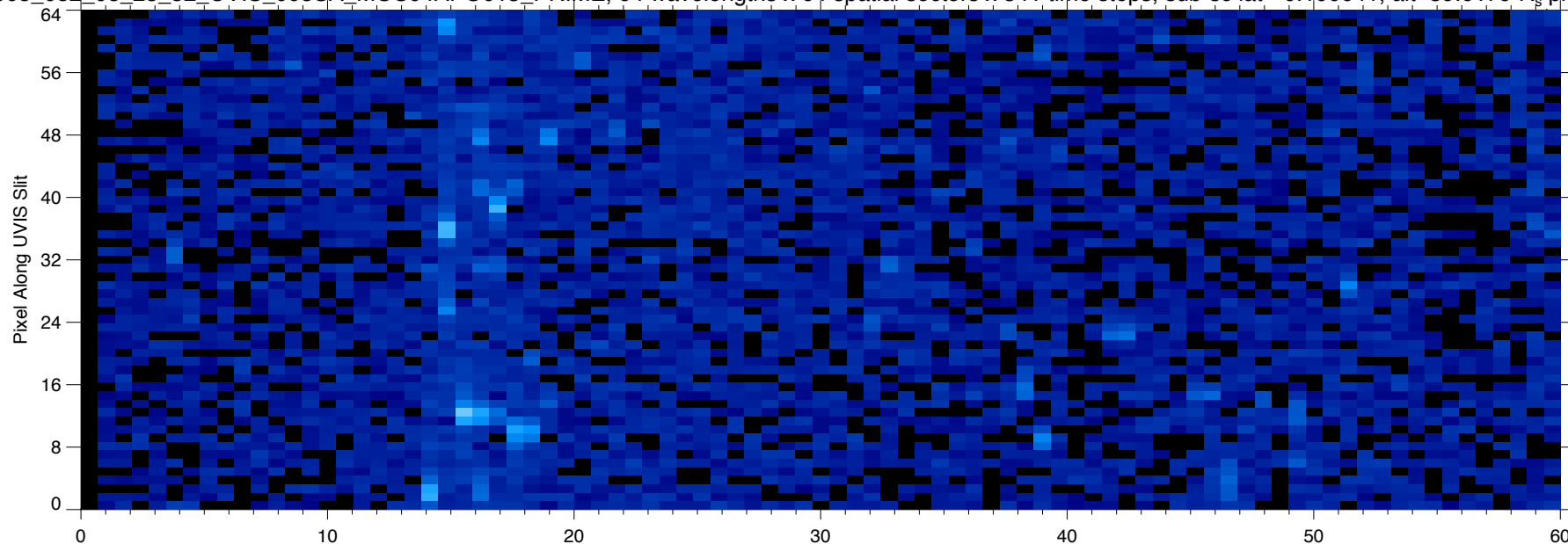
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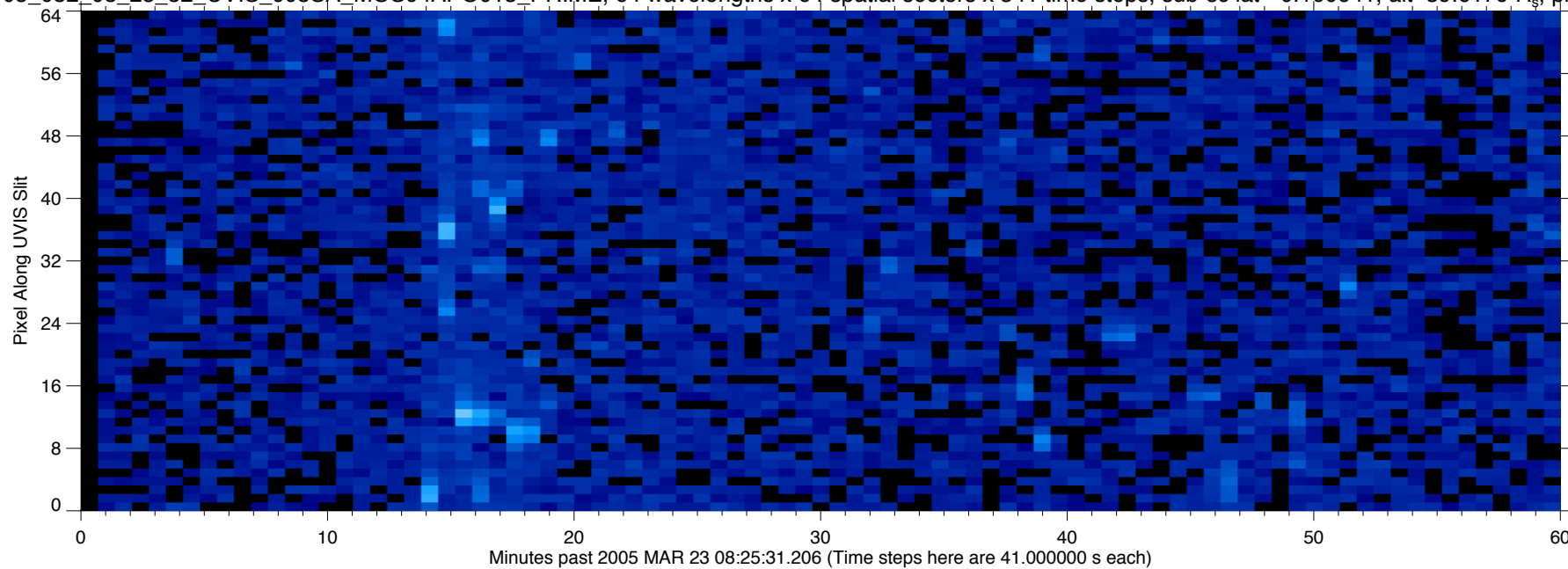
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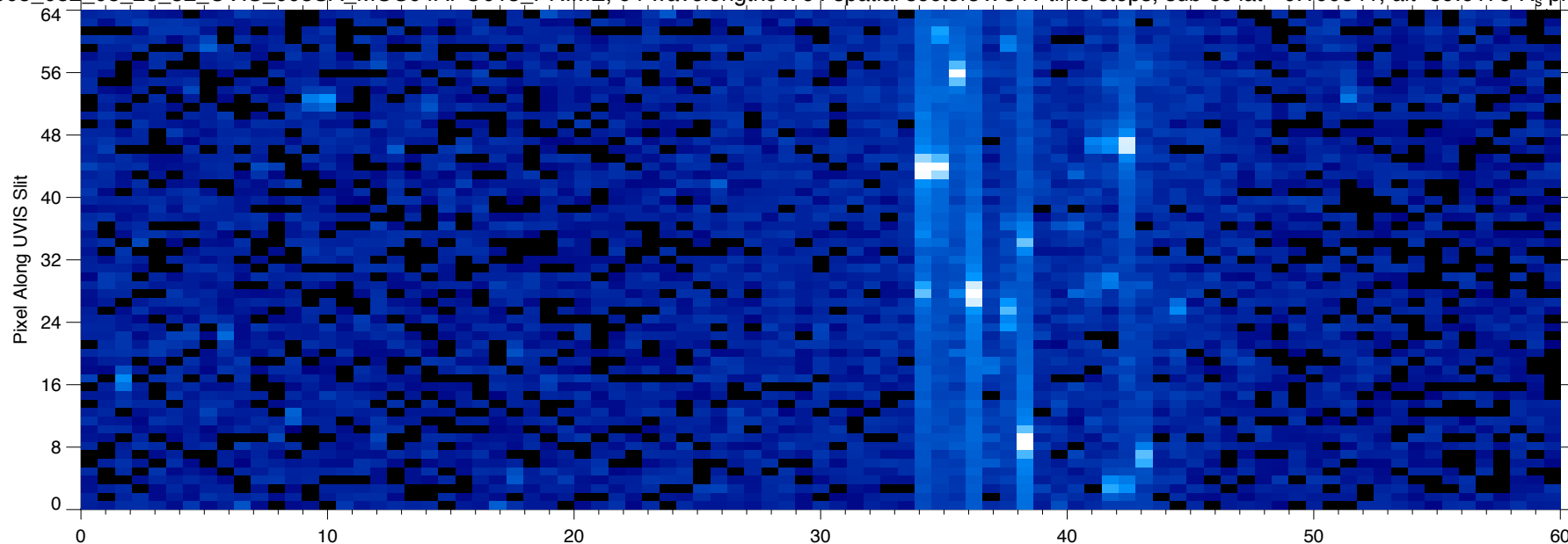
FUV2005_082_08_25_52_UVIS_005SA_MOS04APO013_PRIME, 64 wavelengths x 64 spatial sectors x 341 time steps, sub-sc lat=-0.100641, alt=39.6179 R_s, phase=56.3214



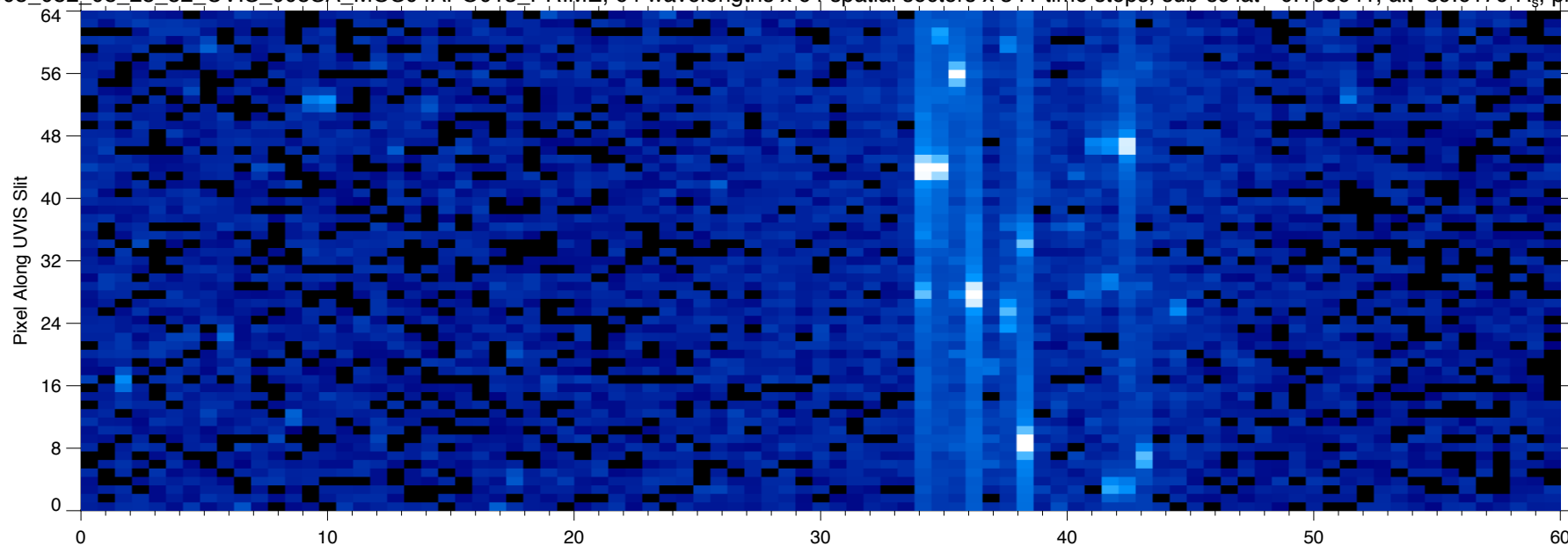
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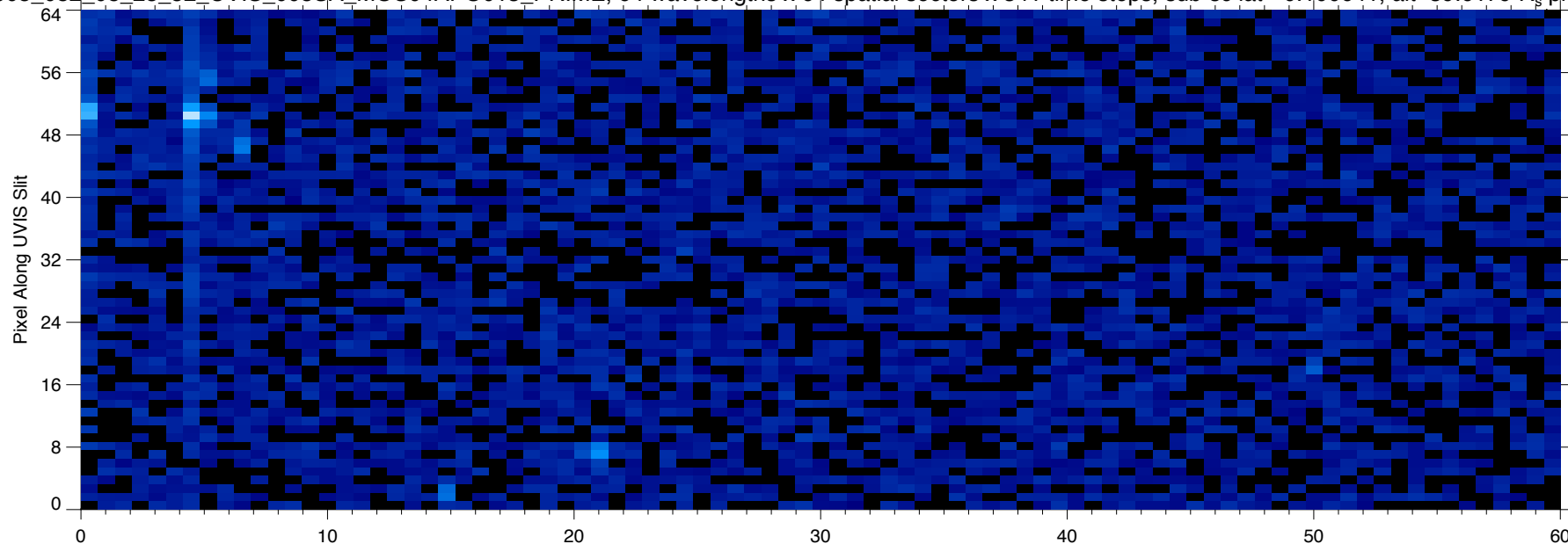
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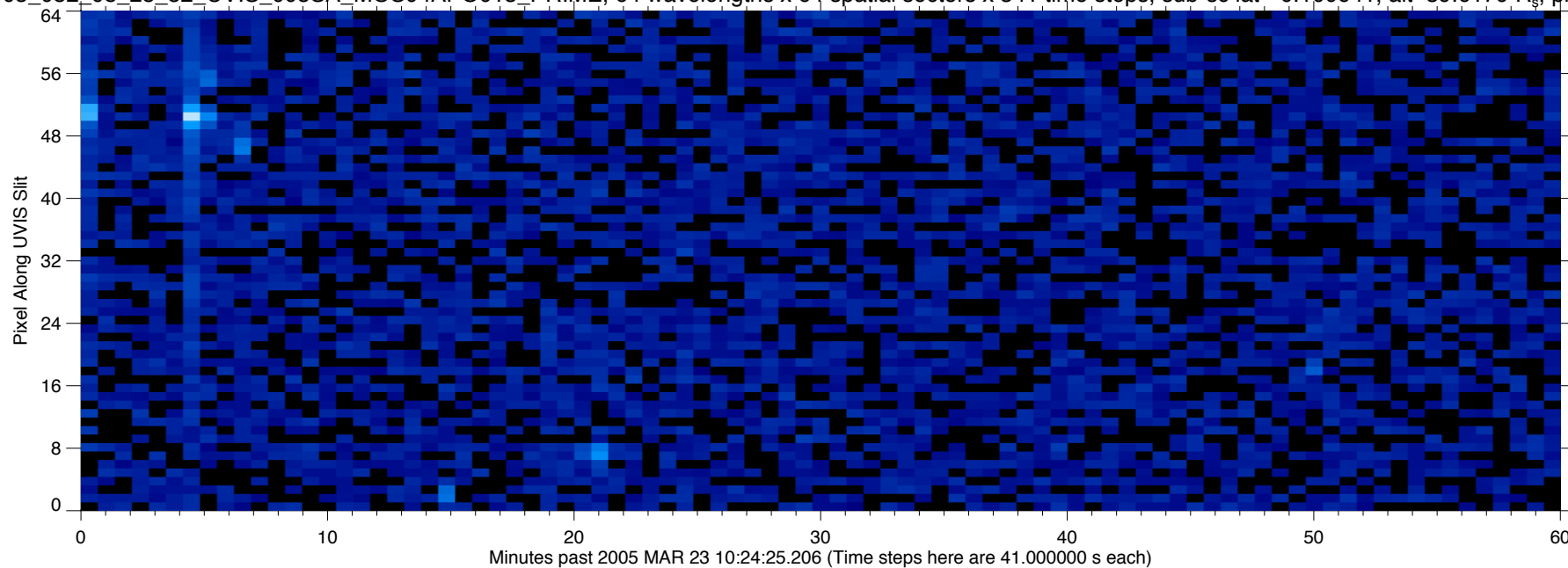
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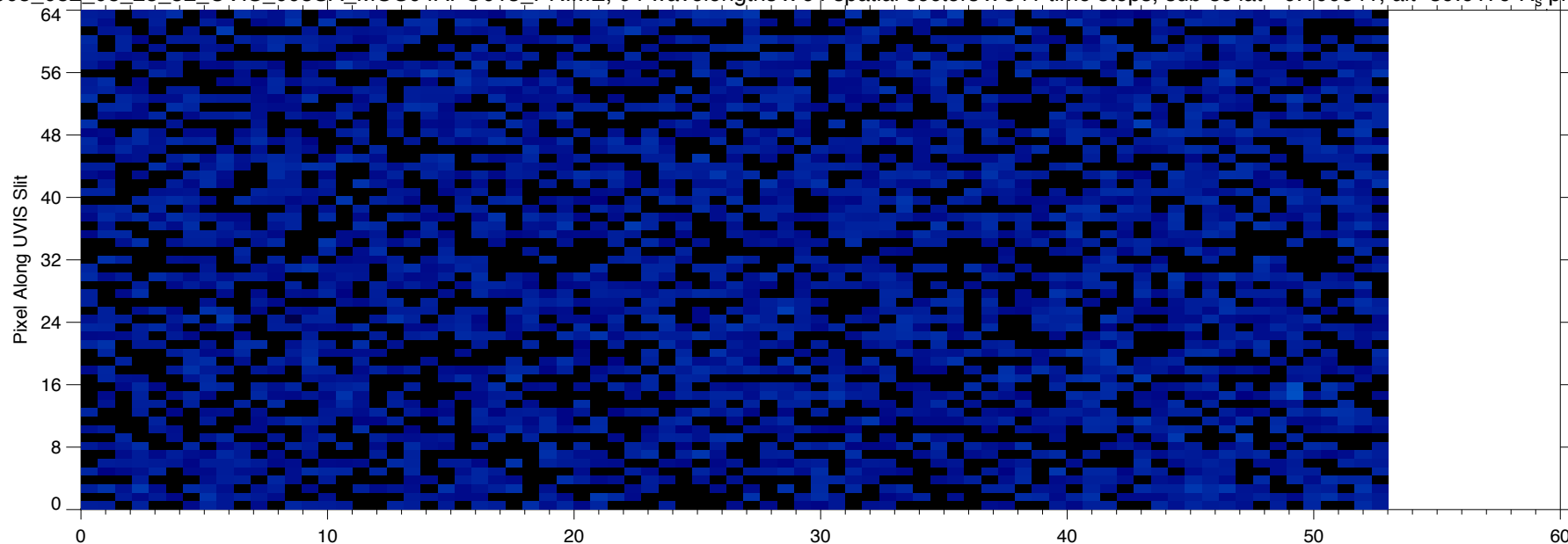
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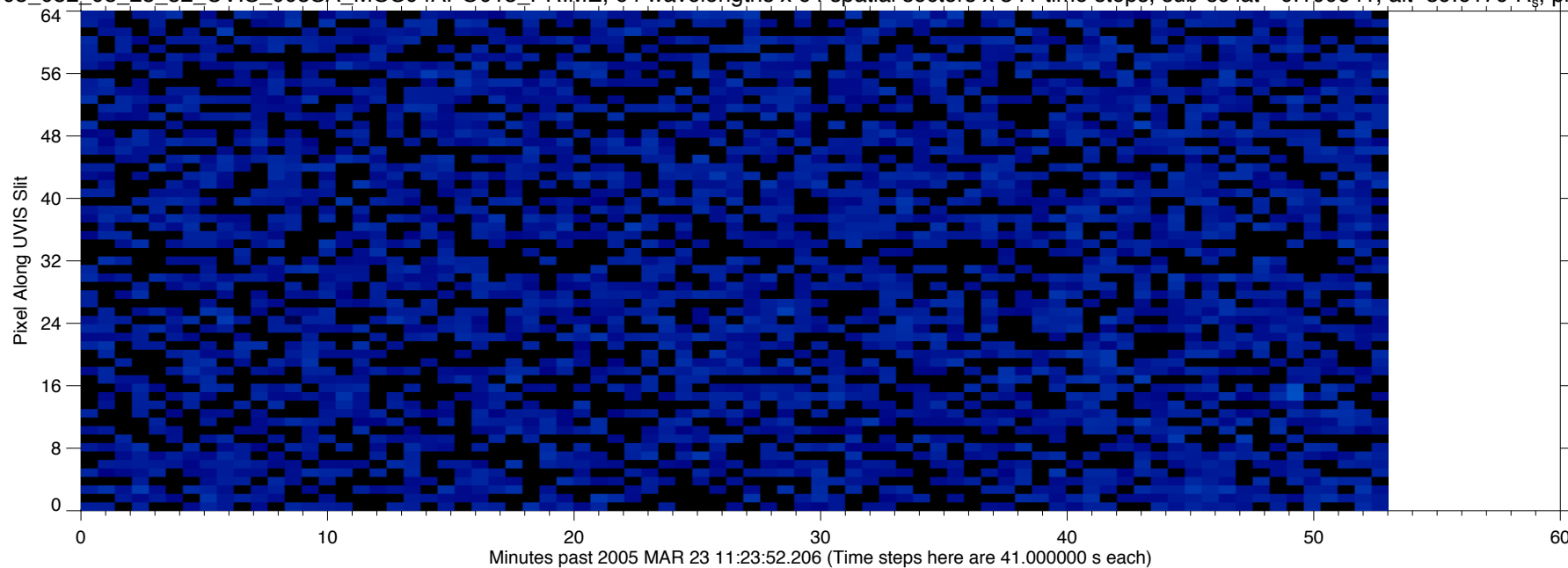
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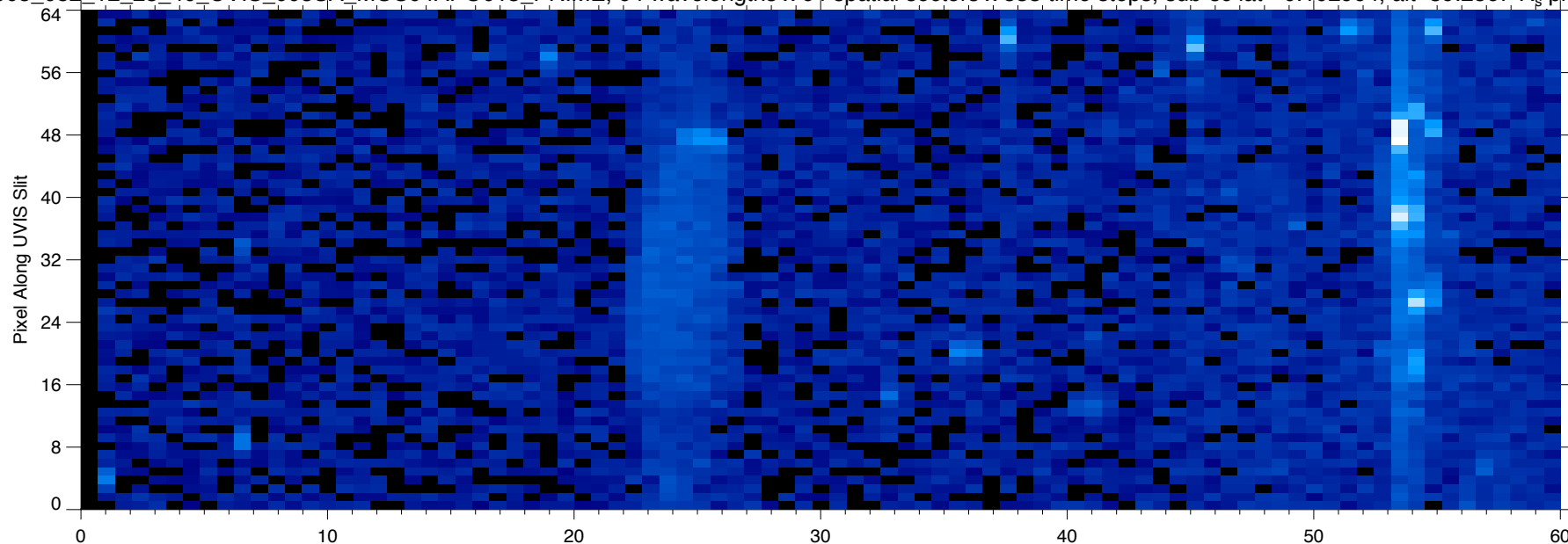
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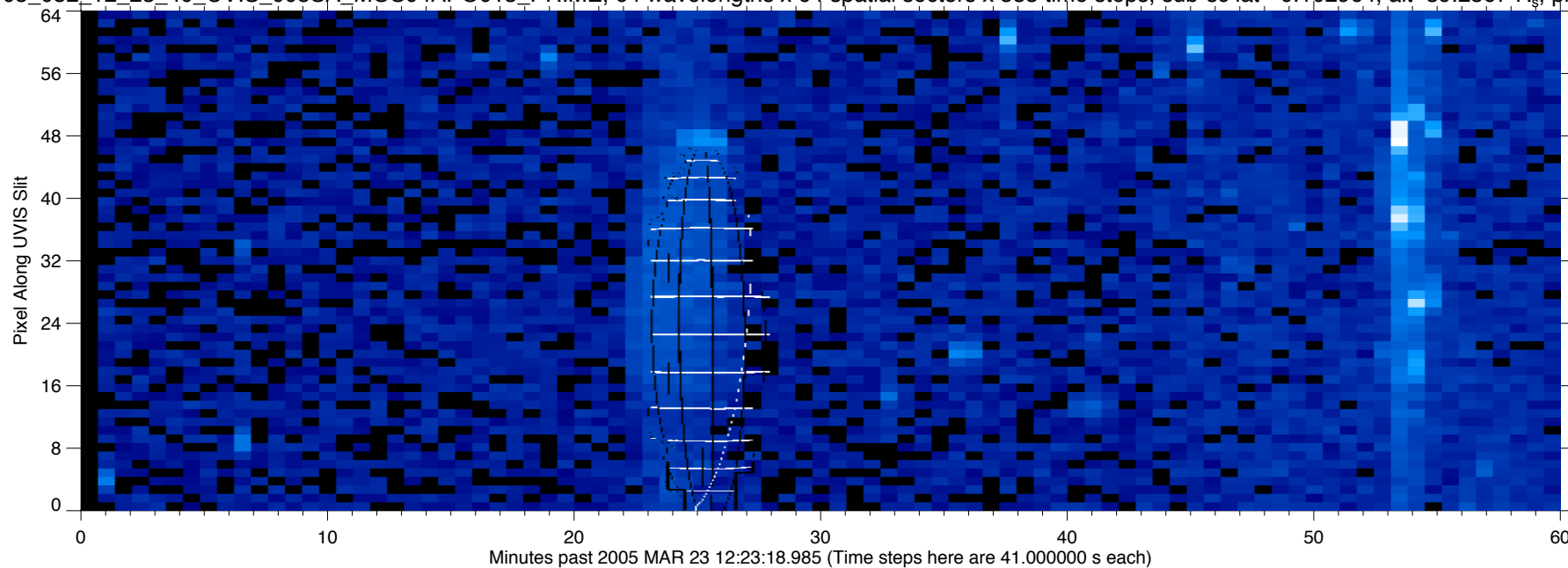
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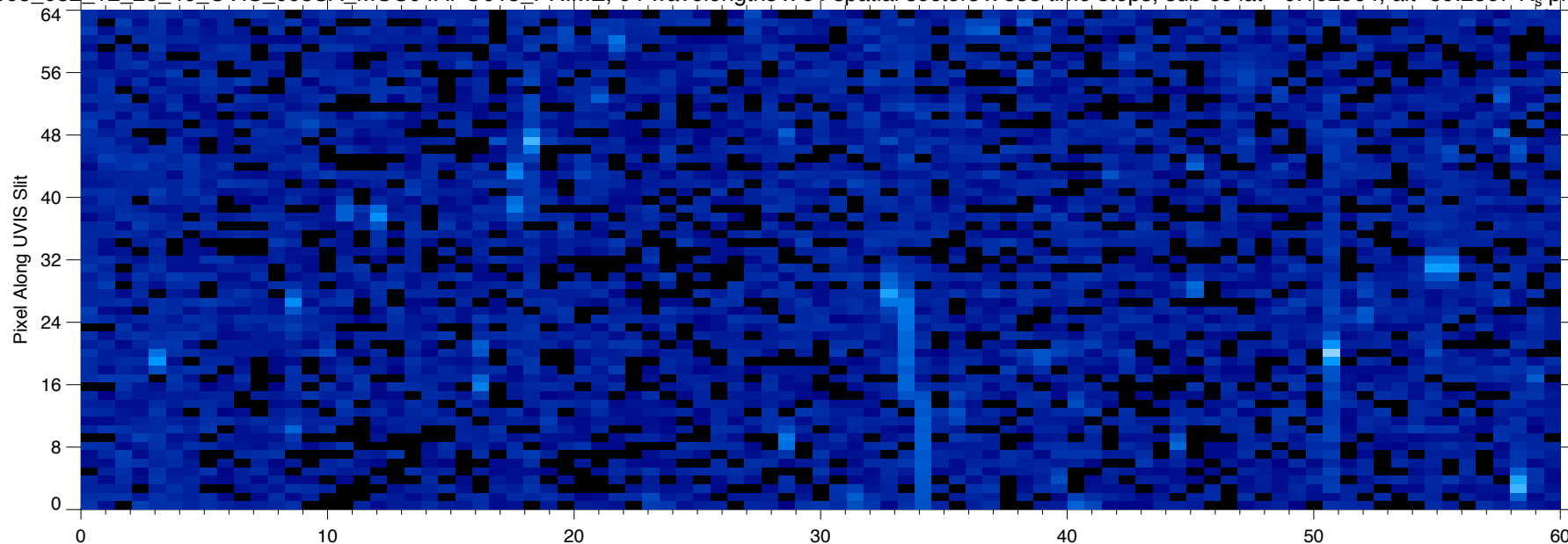
FUV2005_082_12_23_40_UVIS_005SA_MOS04APO013_PRIME, 64 wavelengths x 64 spatial sectors x 533 time steps, sub-sc lat=-0.102964, alt=39.2567 R_s, phase=55.8545



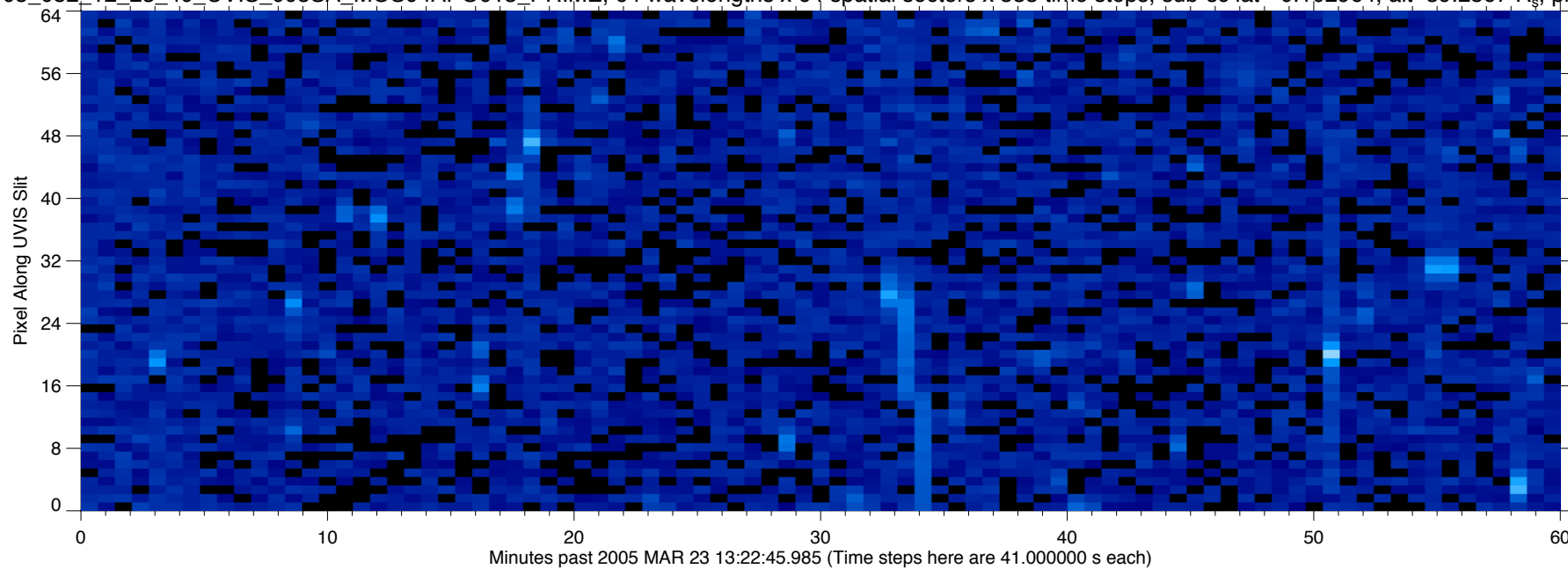
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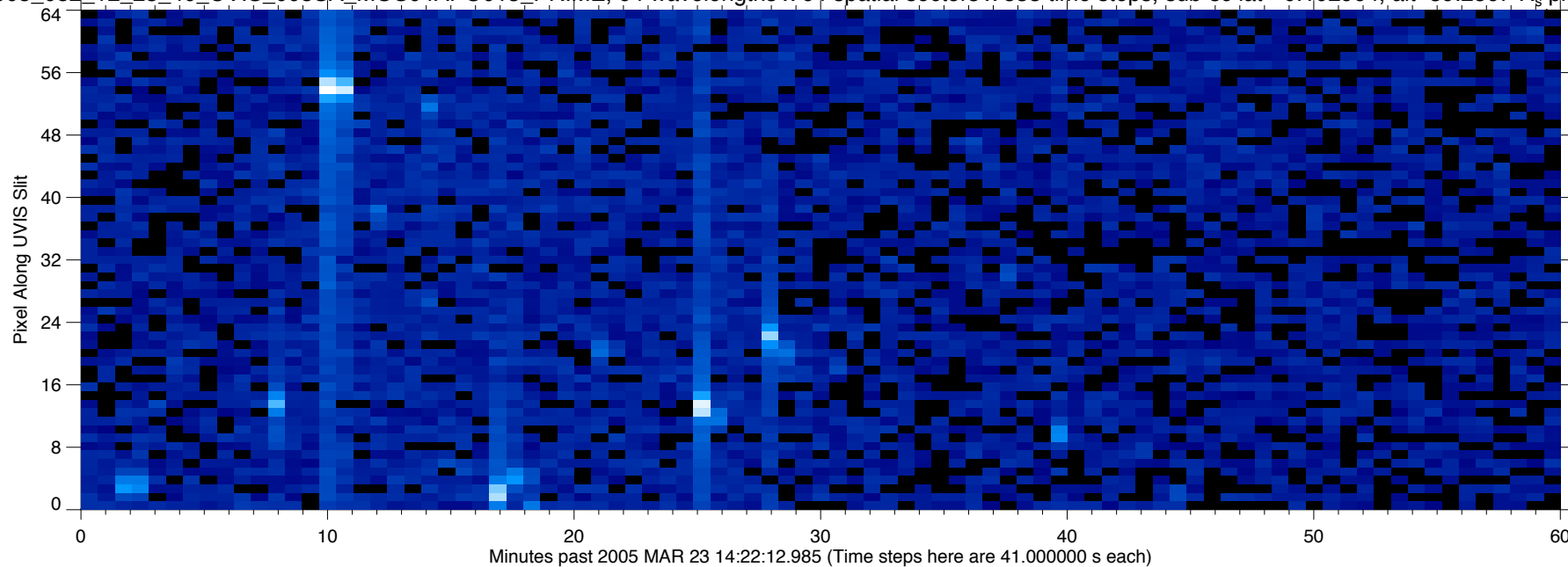
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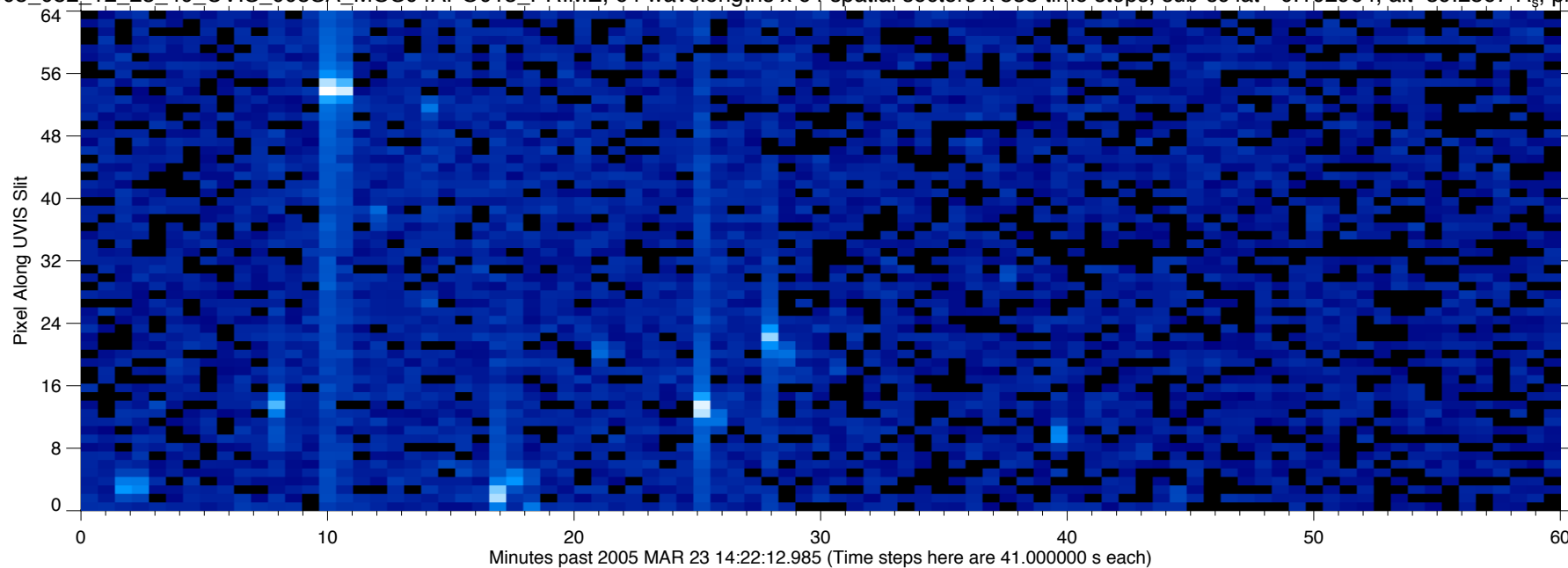
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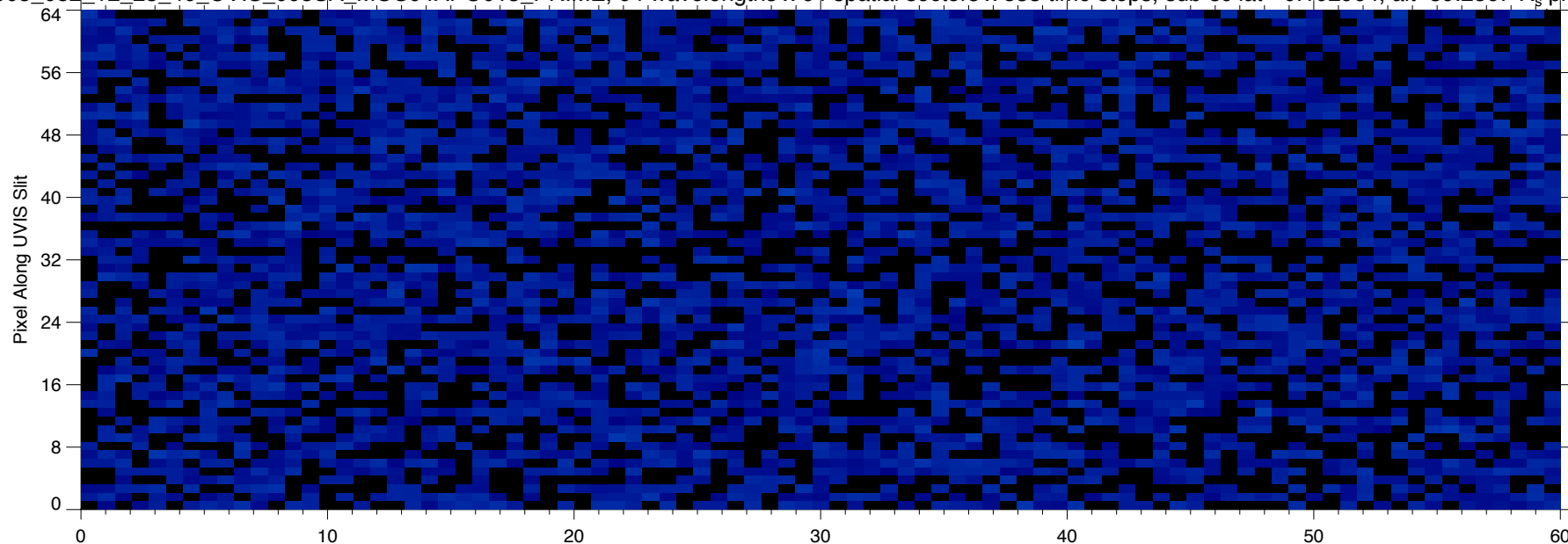
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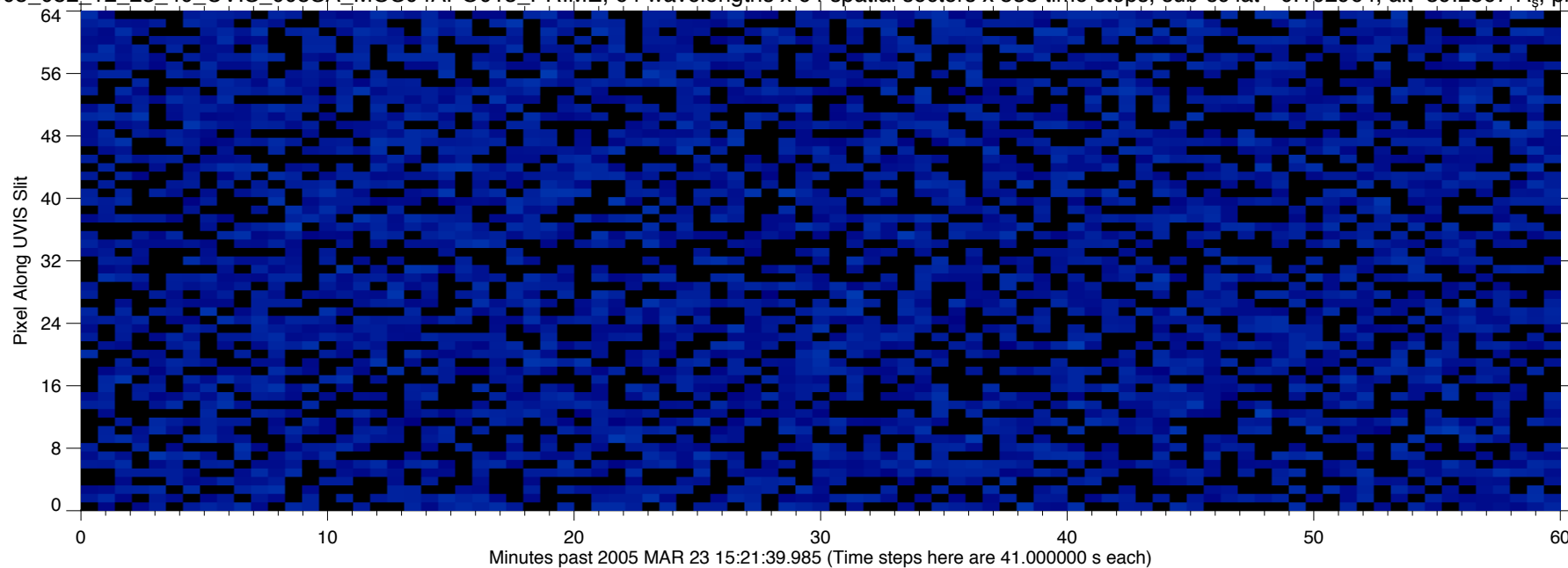
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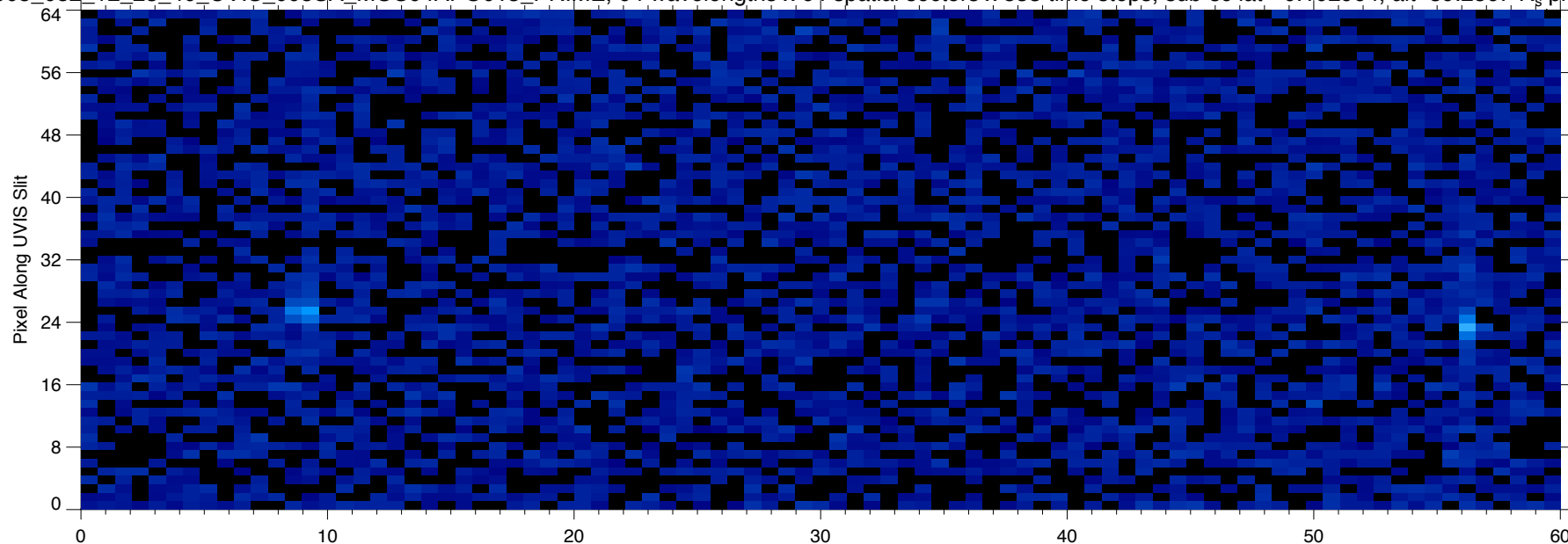
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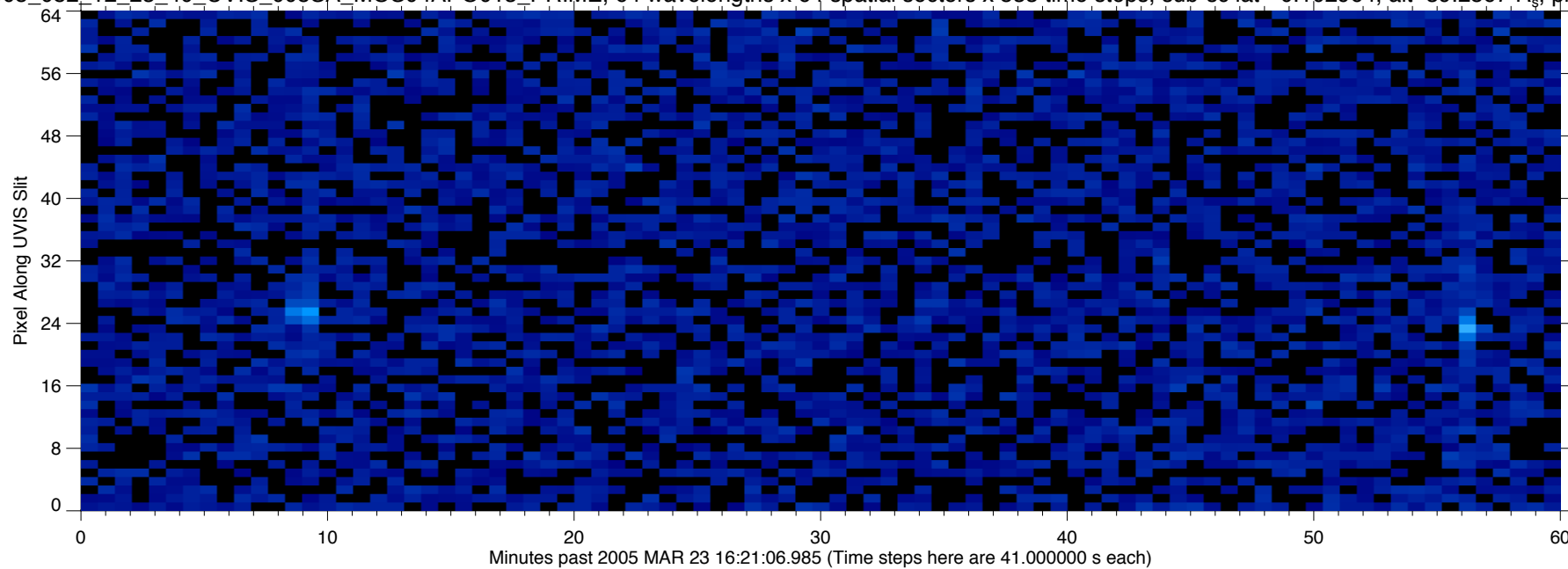
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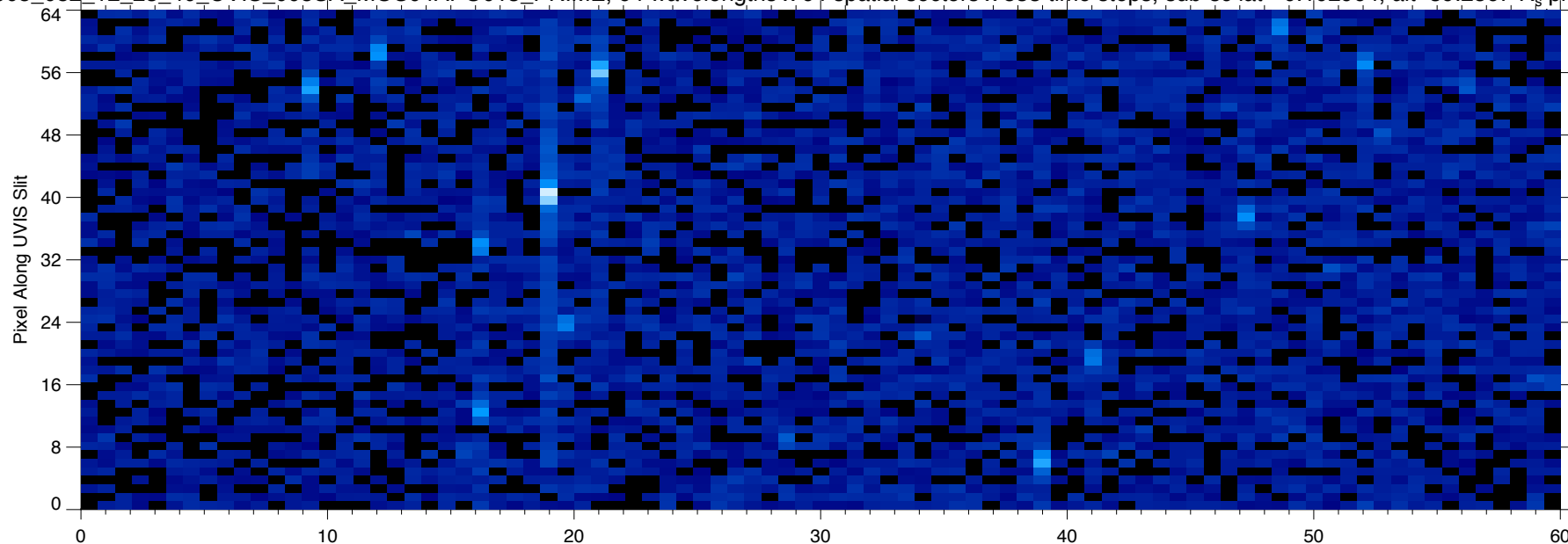
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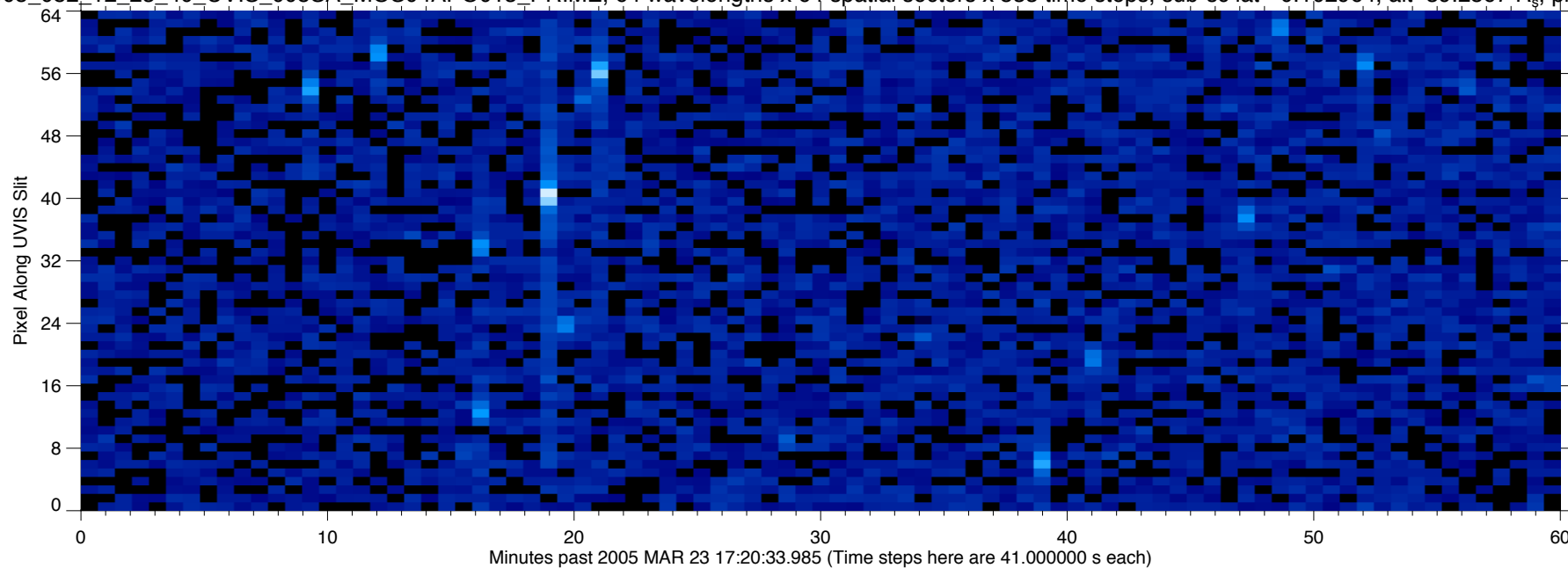
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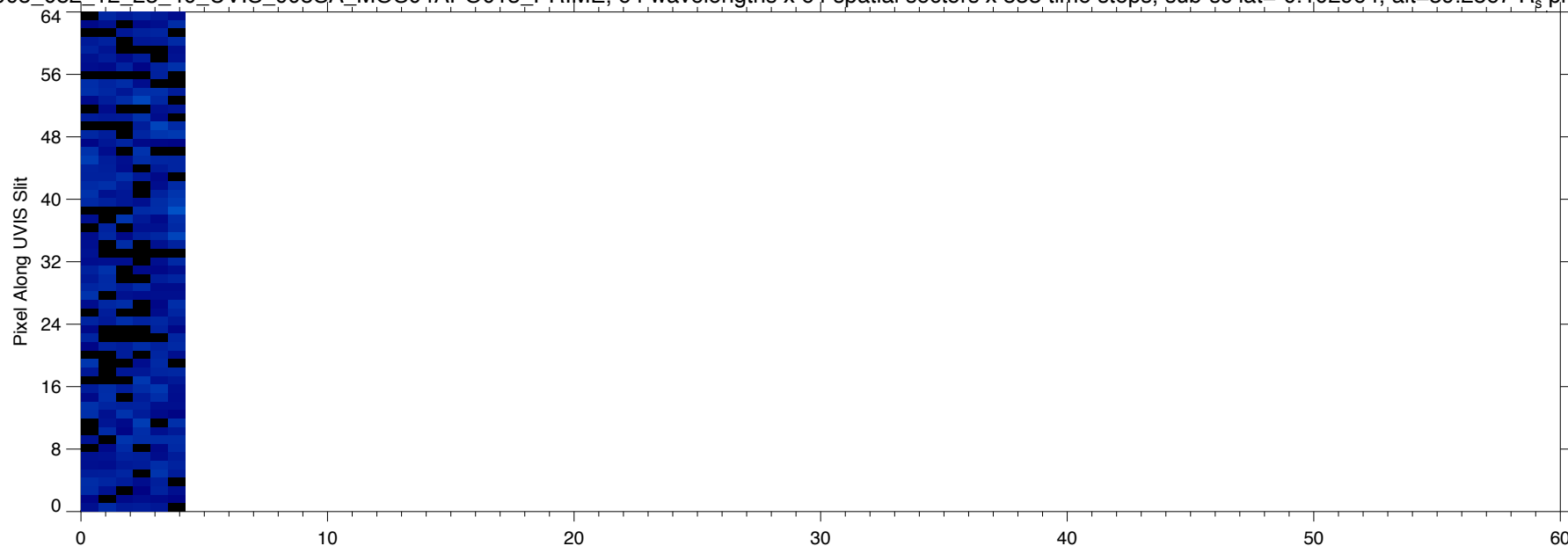
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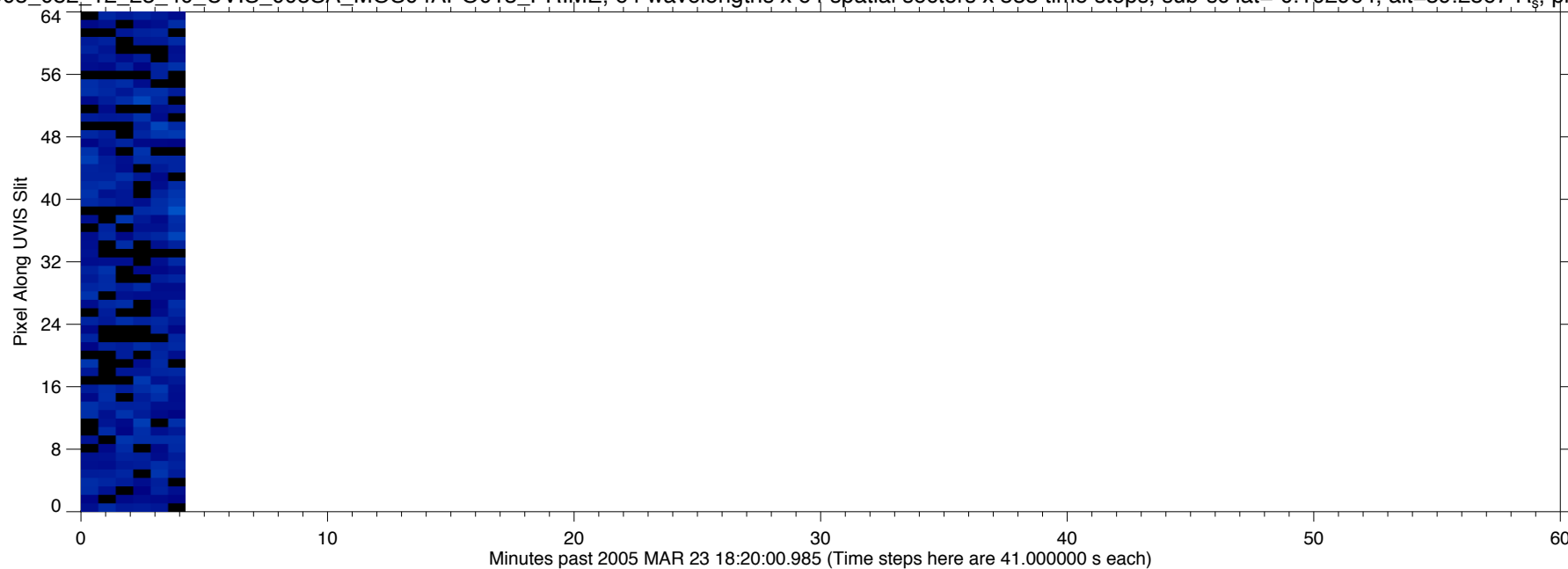
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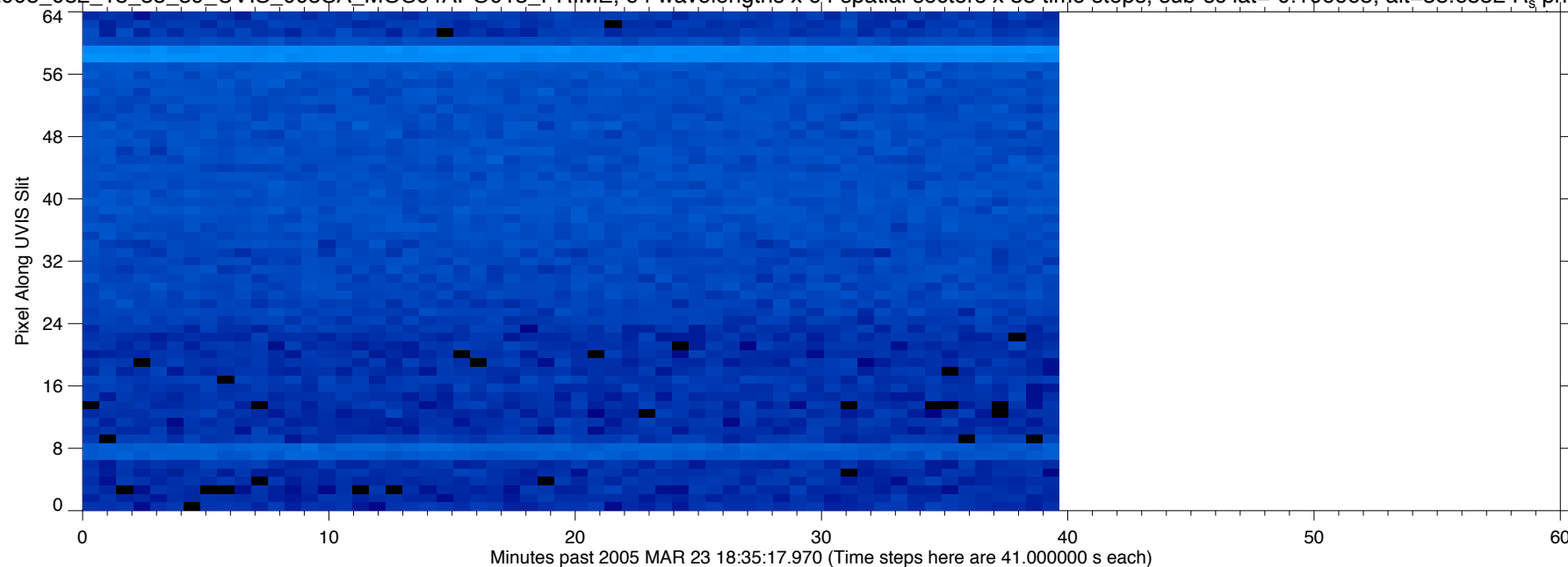
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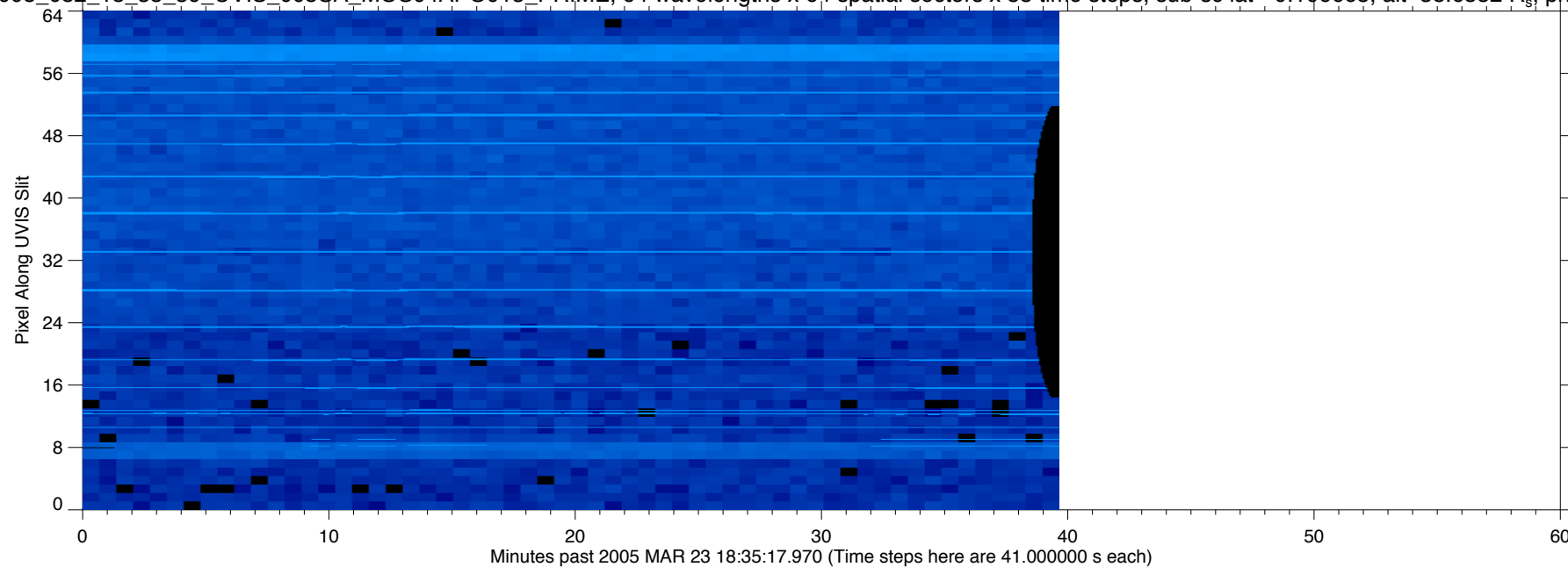
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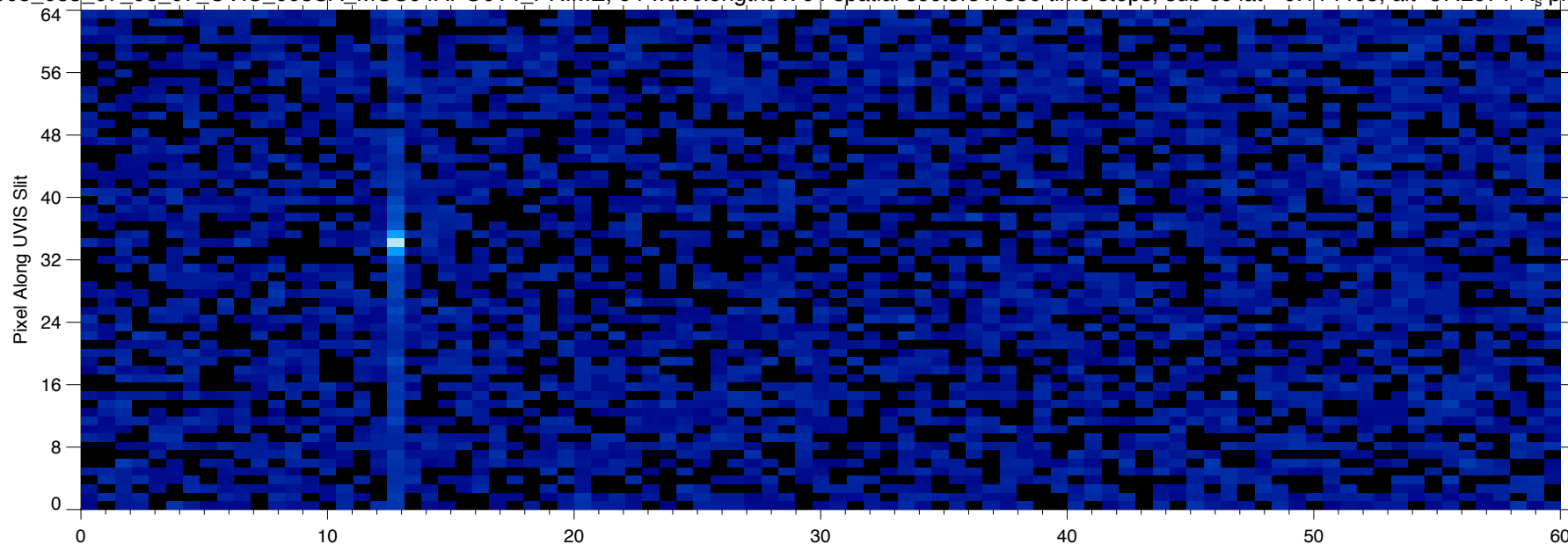
FUV2005_082_18_35_39_UVIS_005SA_MOS04APO013_PRIME, 64 wavelengths x 64 spatial sectors x 58 time steps, sub-sc lat=-0.106668, alt=38.6552 R_s phase=55.1077



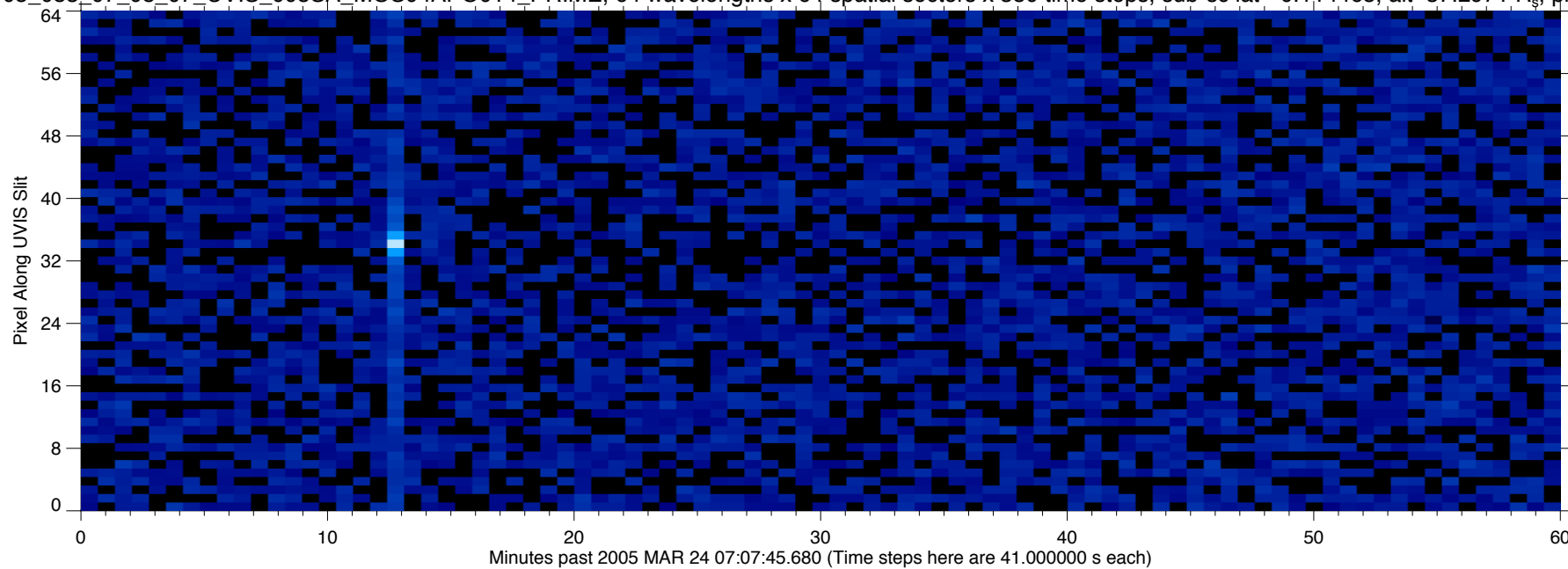
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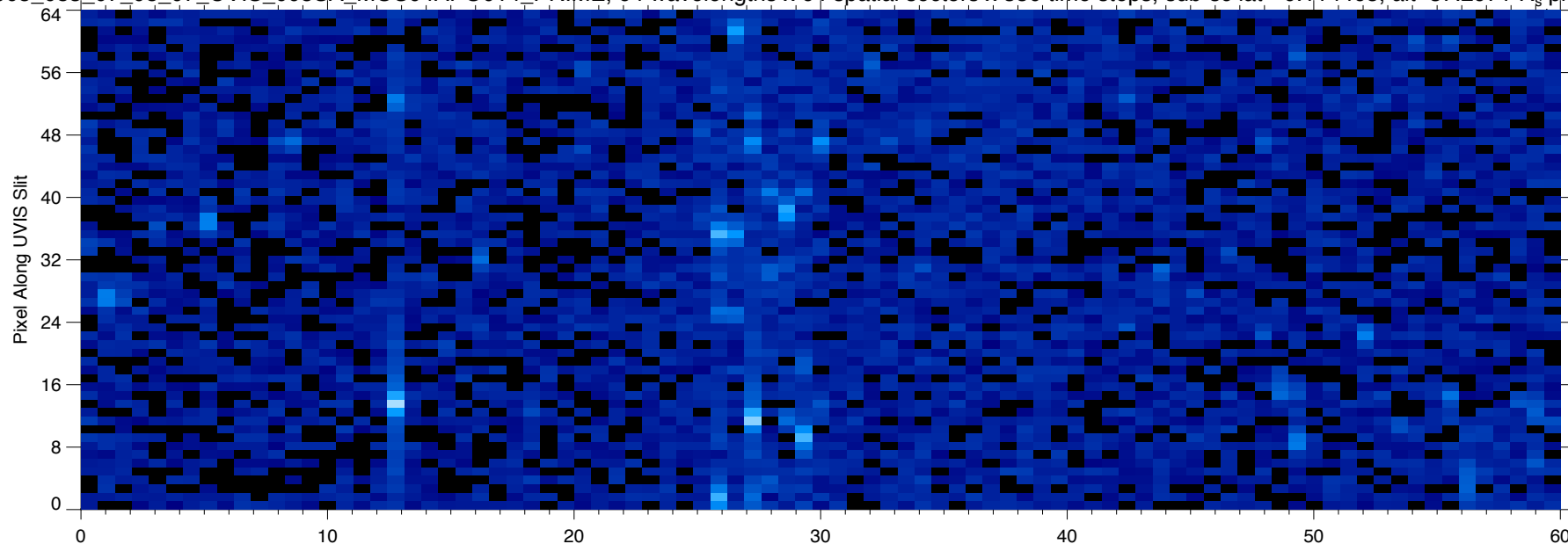
FUV2005_083_07_08_07_UVIS_005SA_MOS04APO014_PRIME, 64 wavelengths x 64 spatial sectors x 350 time steps, sub-sc lat=-0.114465, alt=37.2971 R_s, phase=53.5258



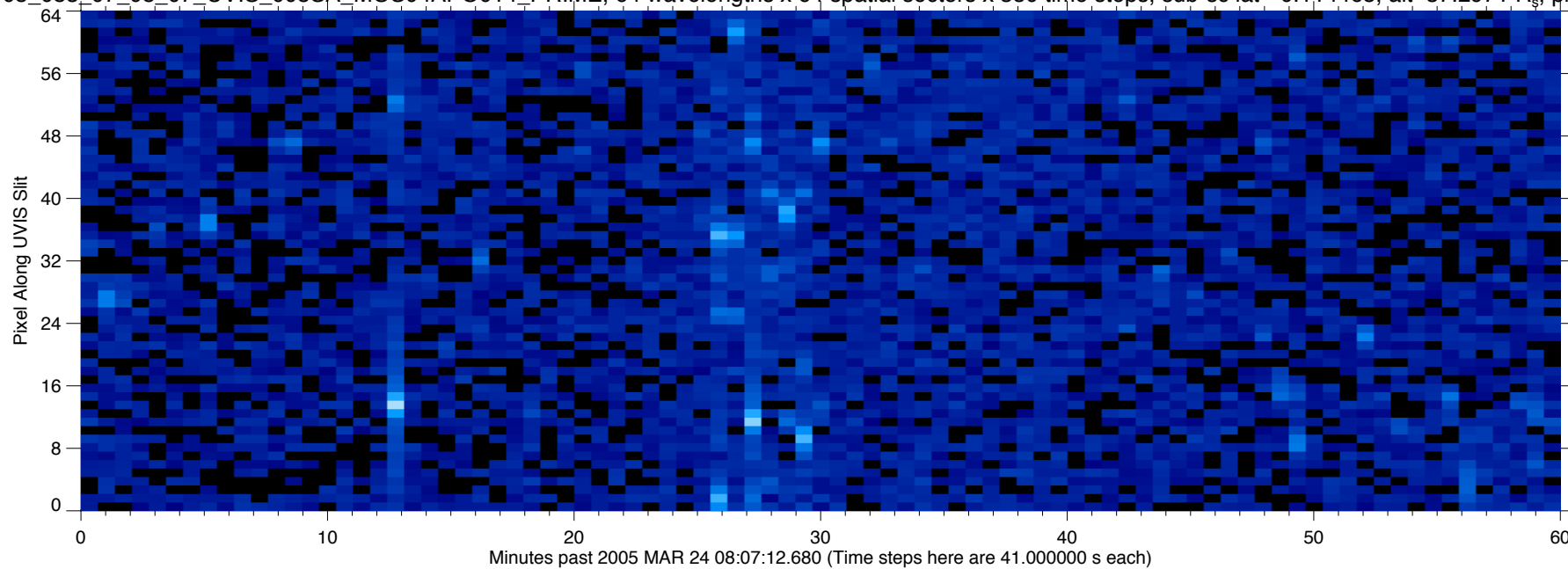
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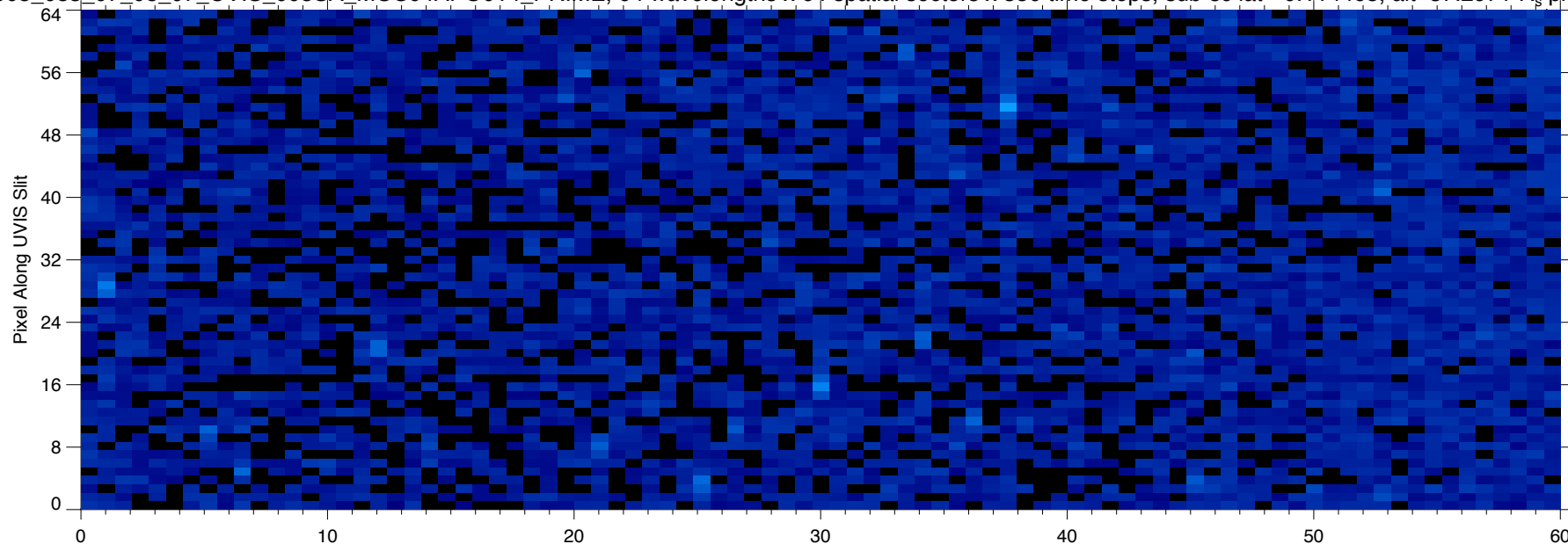
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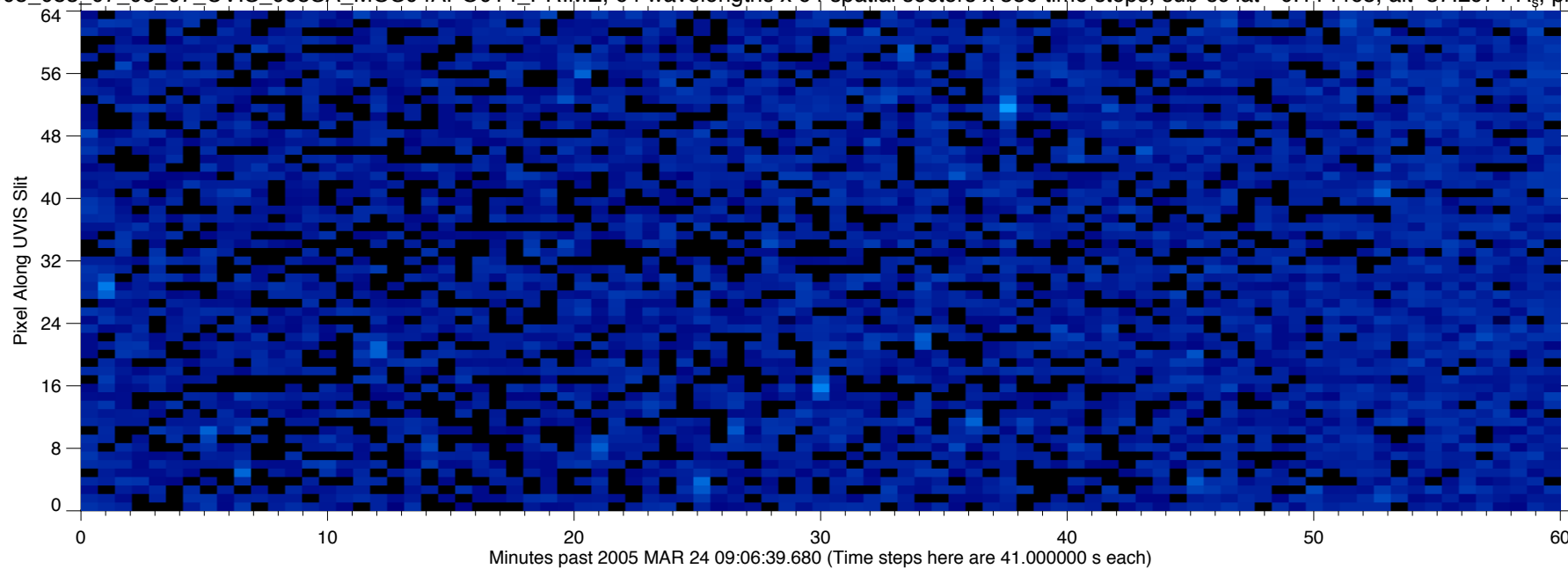
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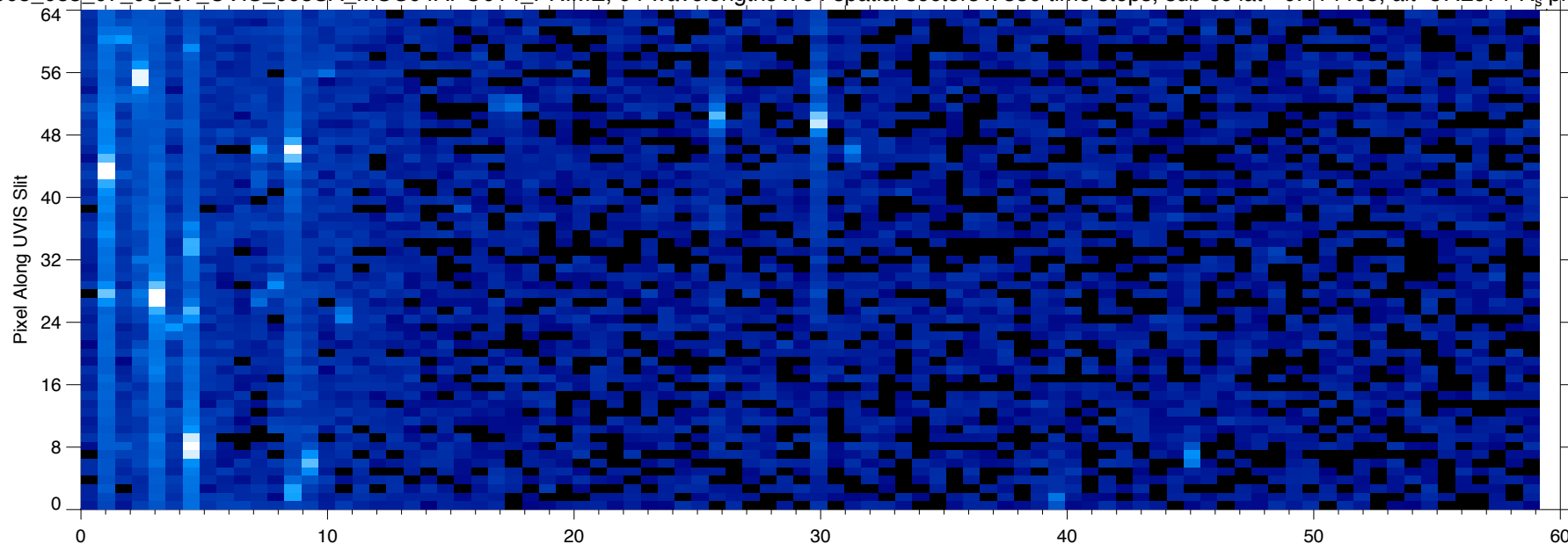
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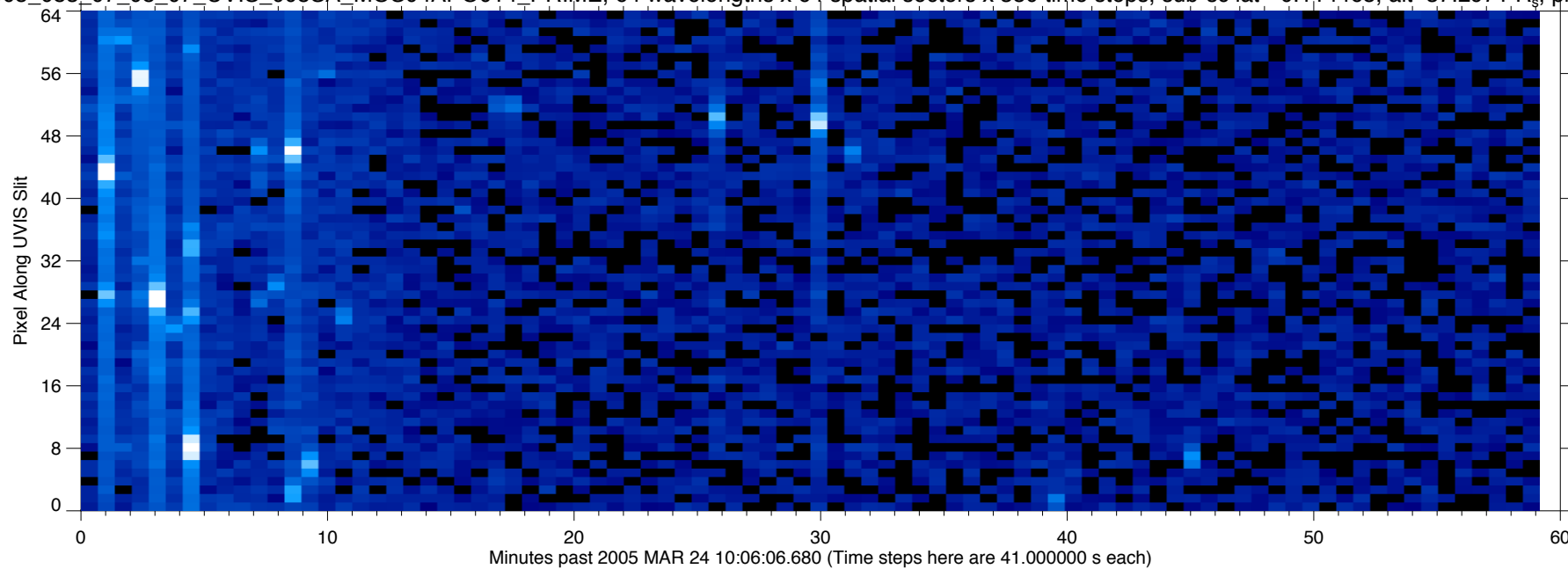
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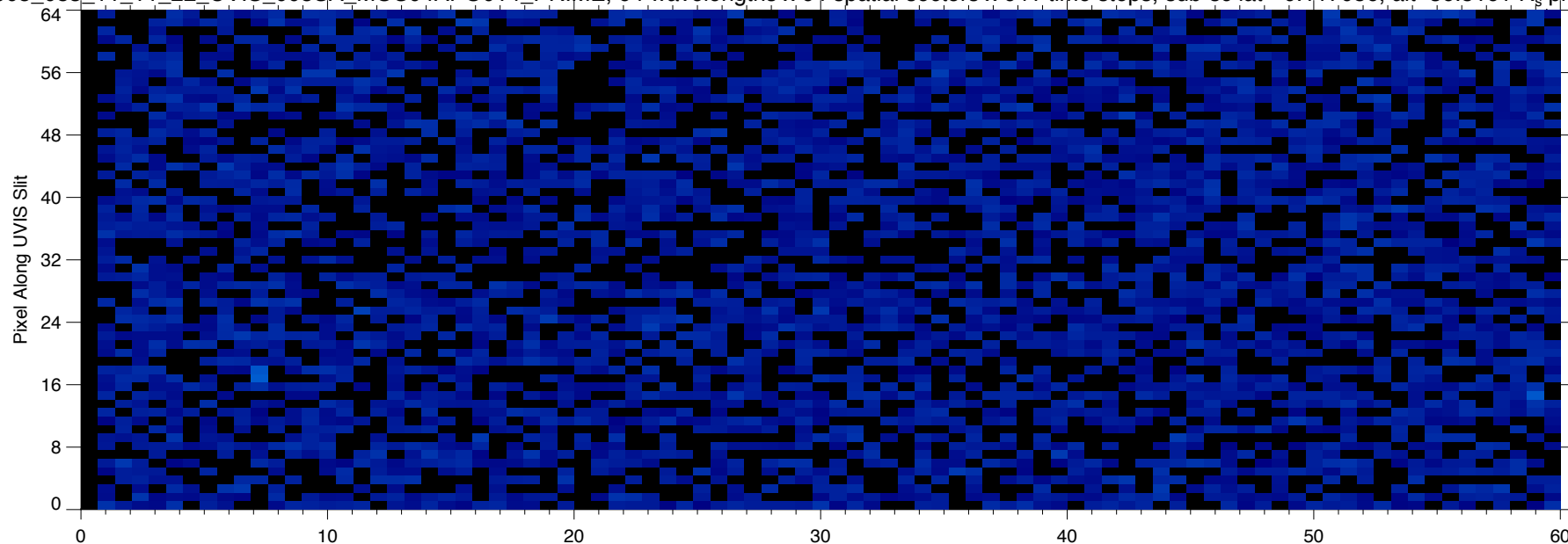
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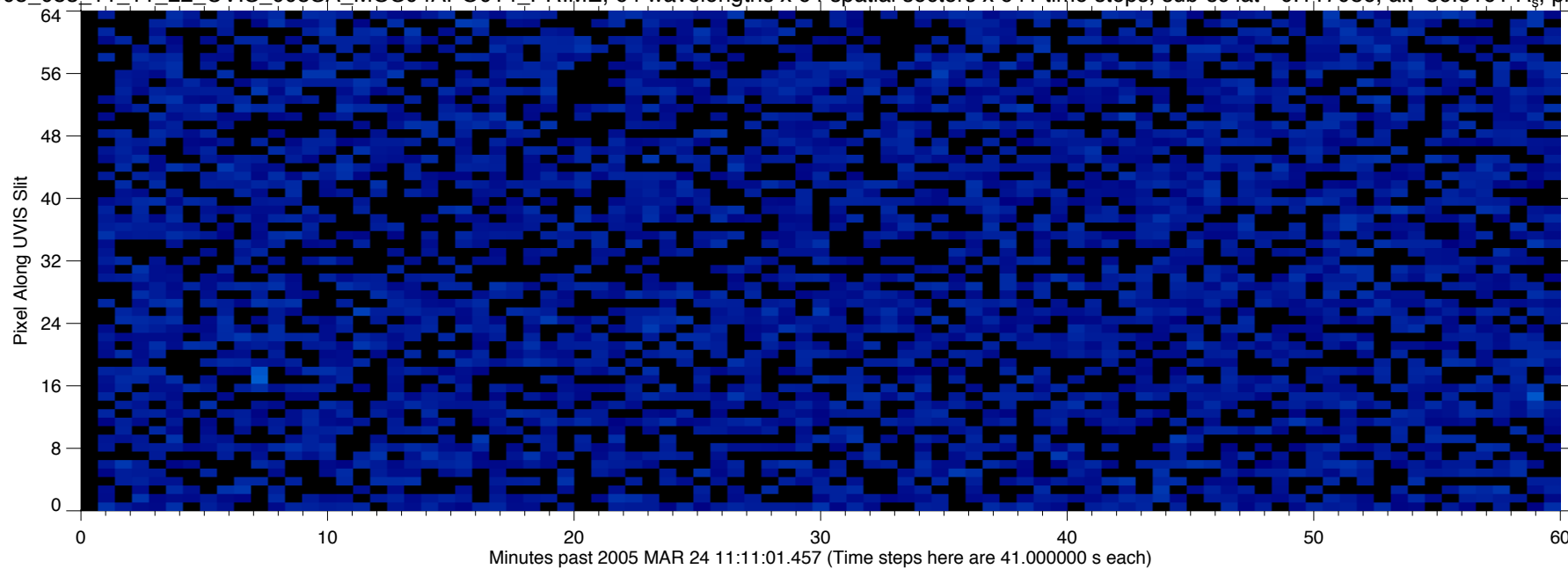
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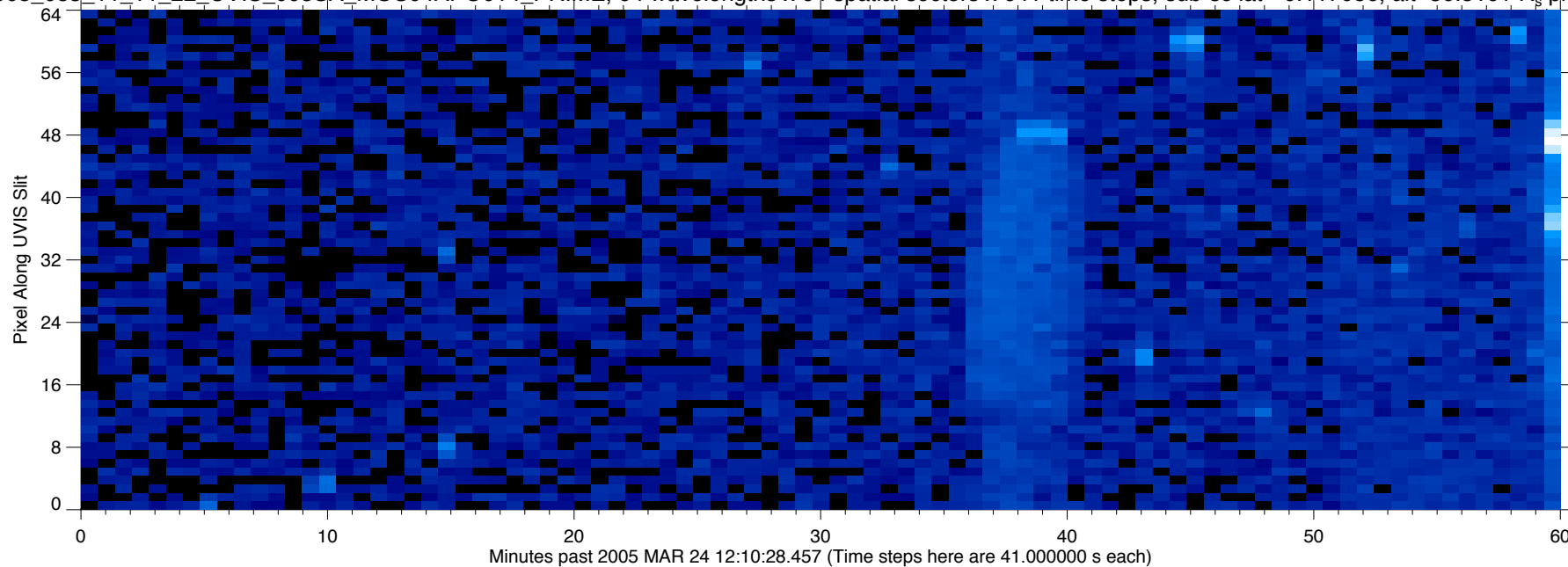
FUV2005_083_11_11_22_UVIS_005SA_MOS04APO014_PRIME, 64 wavelengths x 64 spatial sectors x 641 time steps, sub-sc lat=-0.117086, alt=36.8161 R_s, phase=52.9909



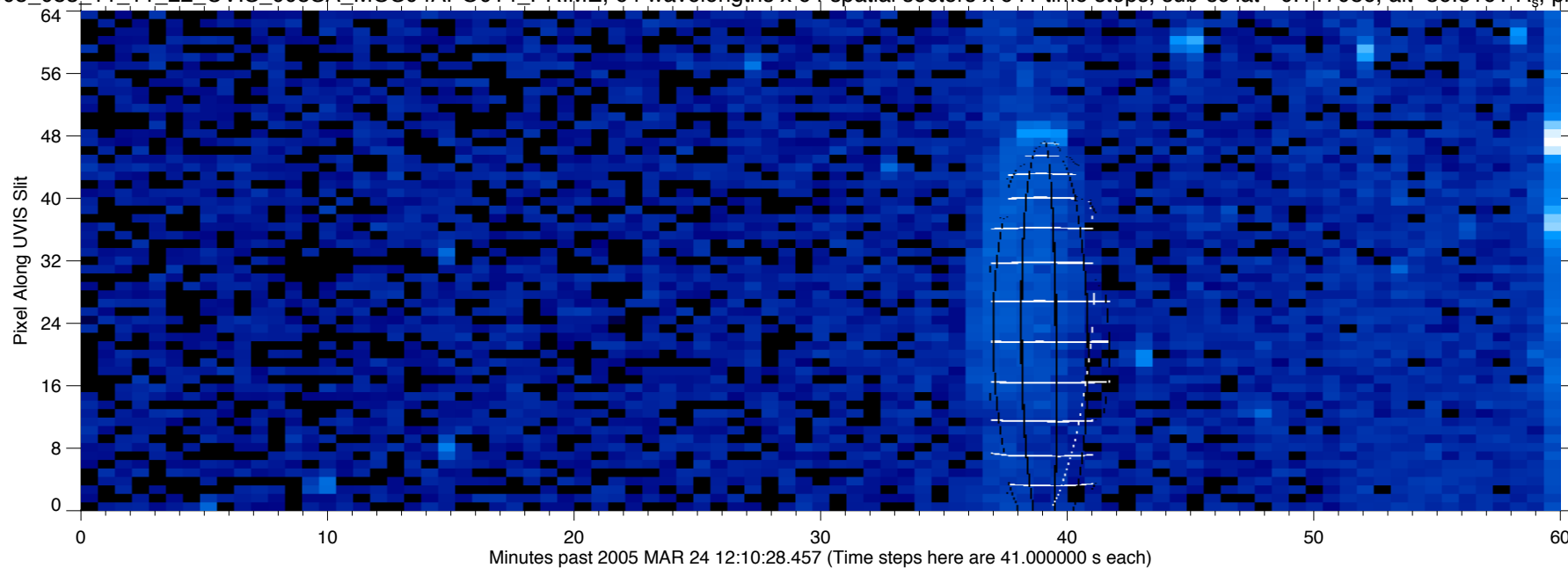
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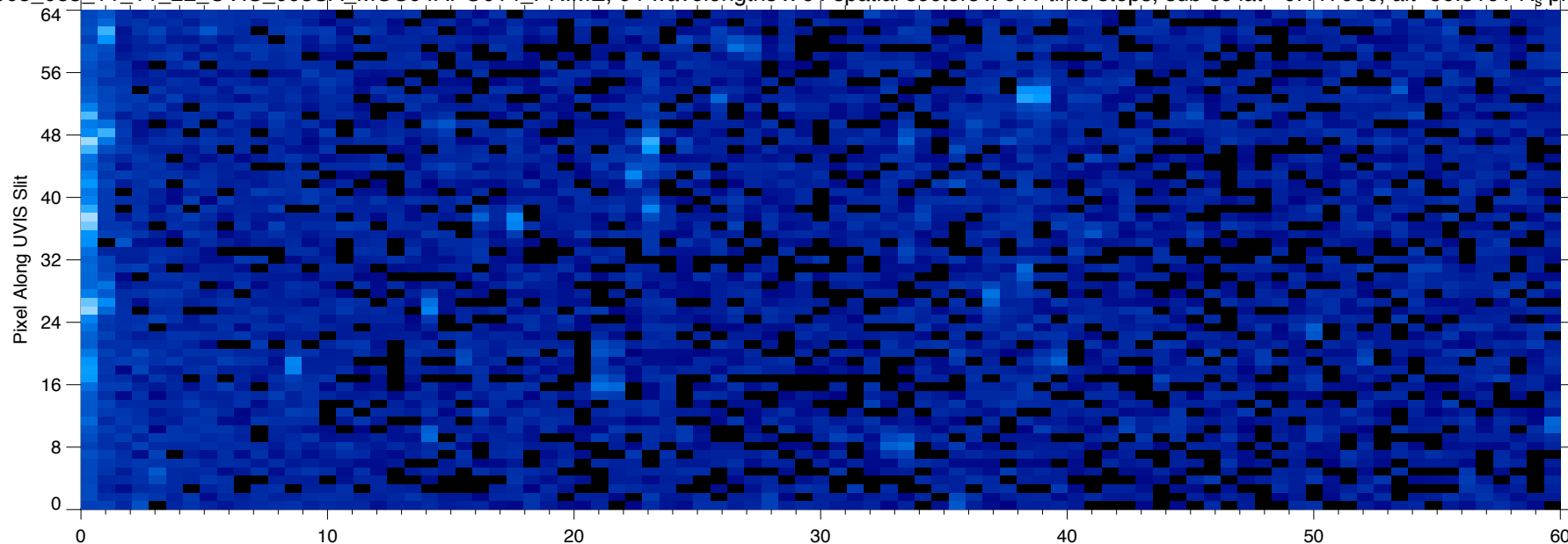
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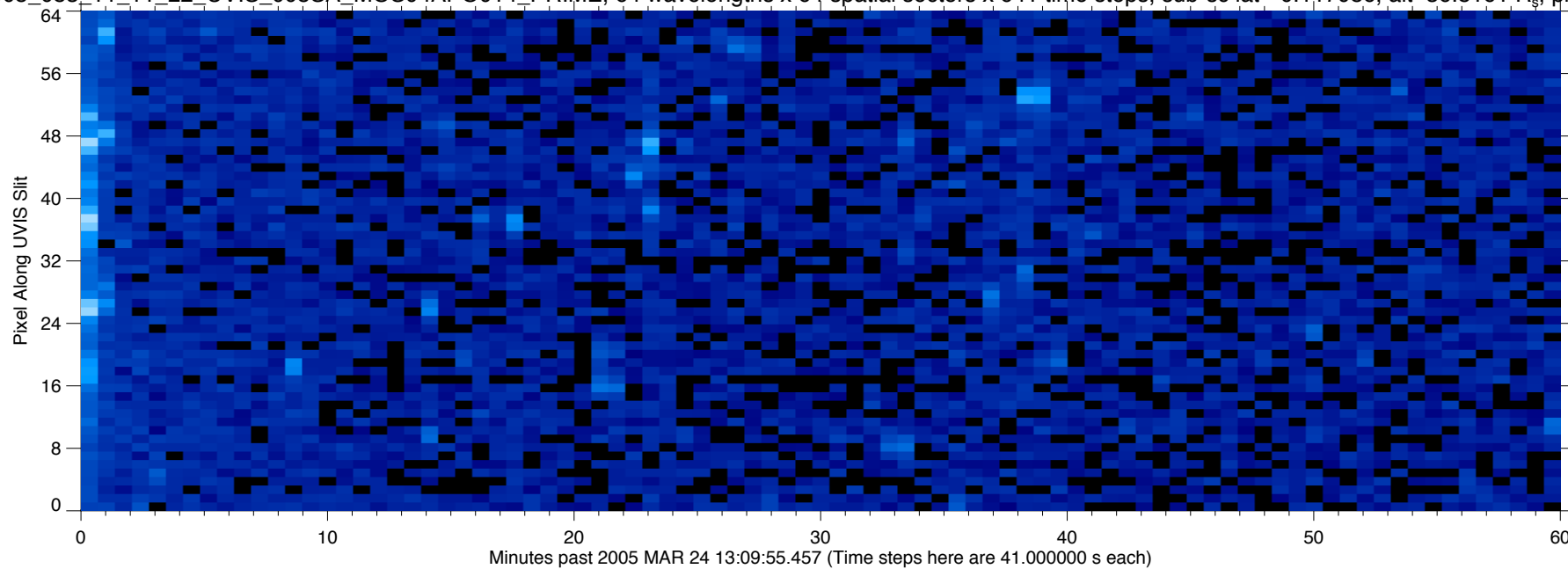
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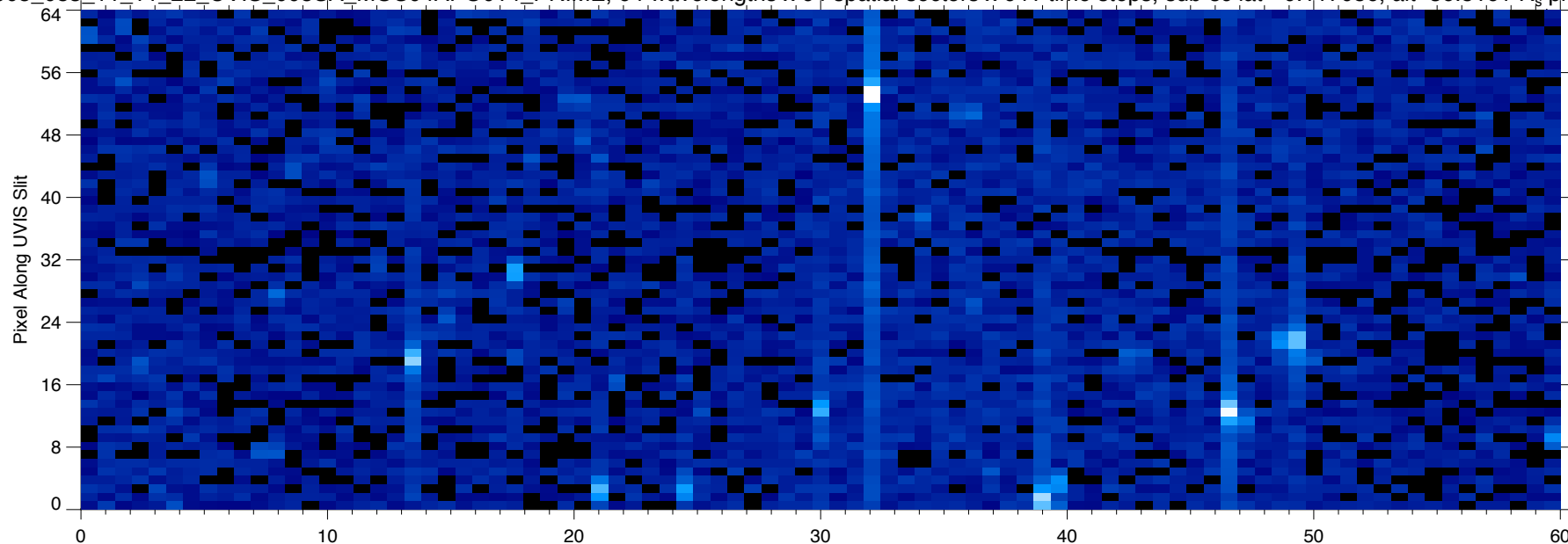
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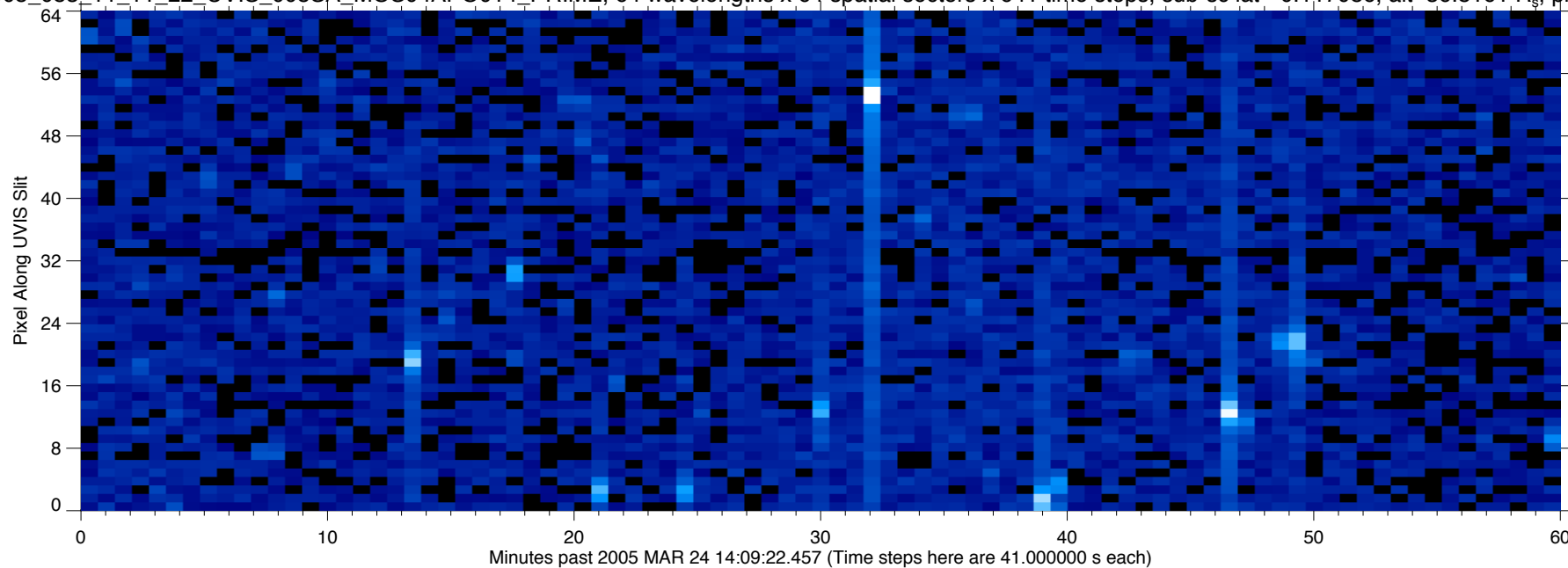
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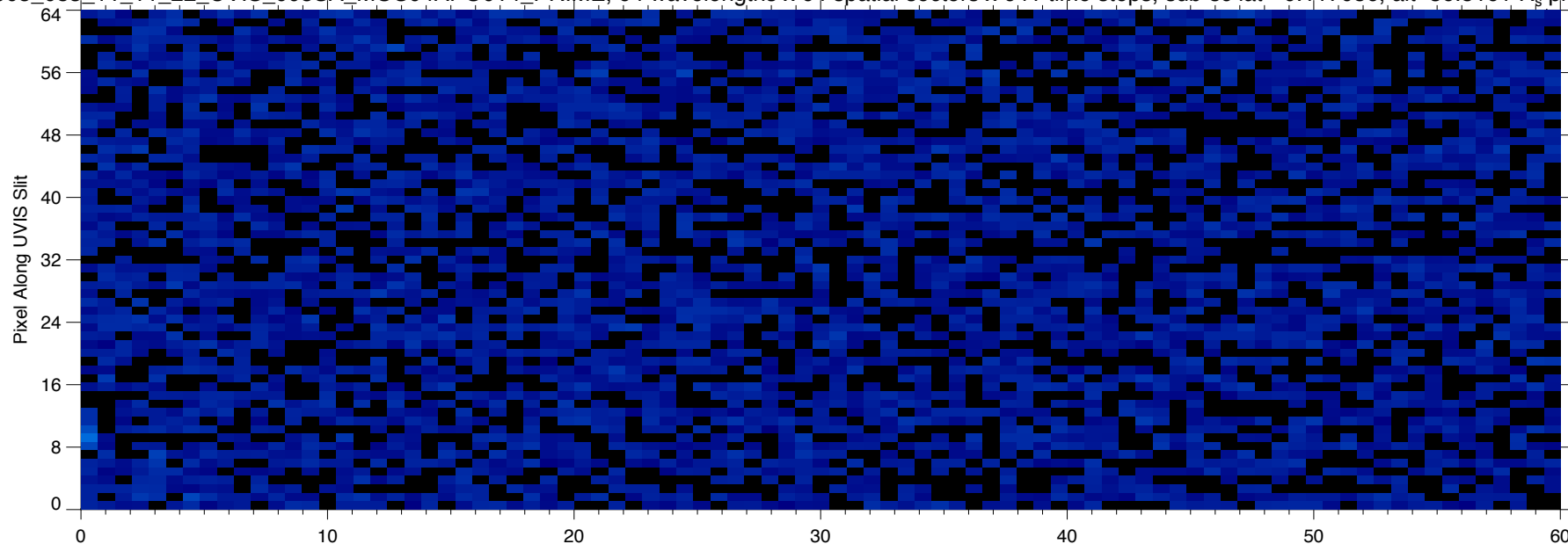
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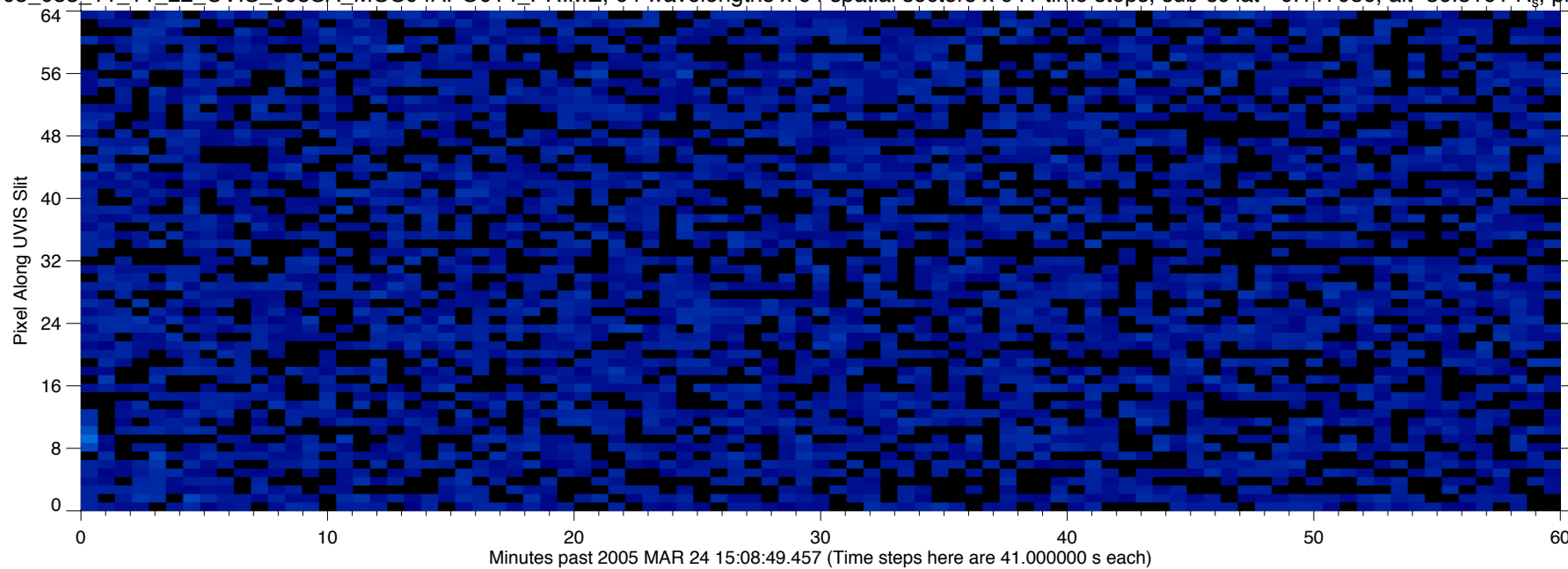
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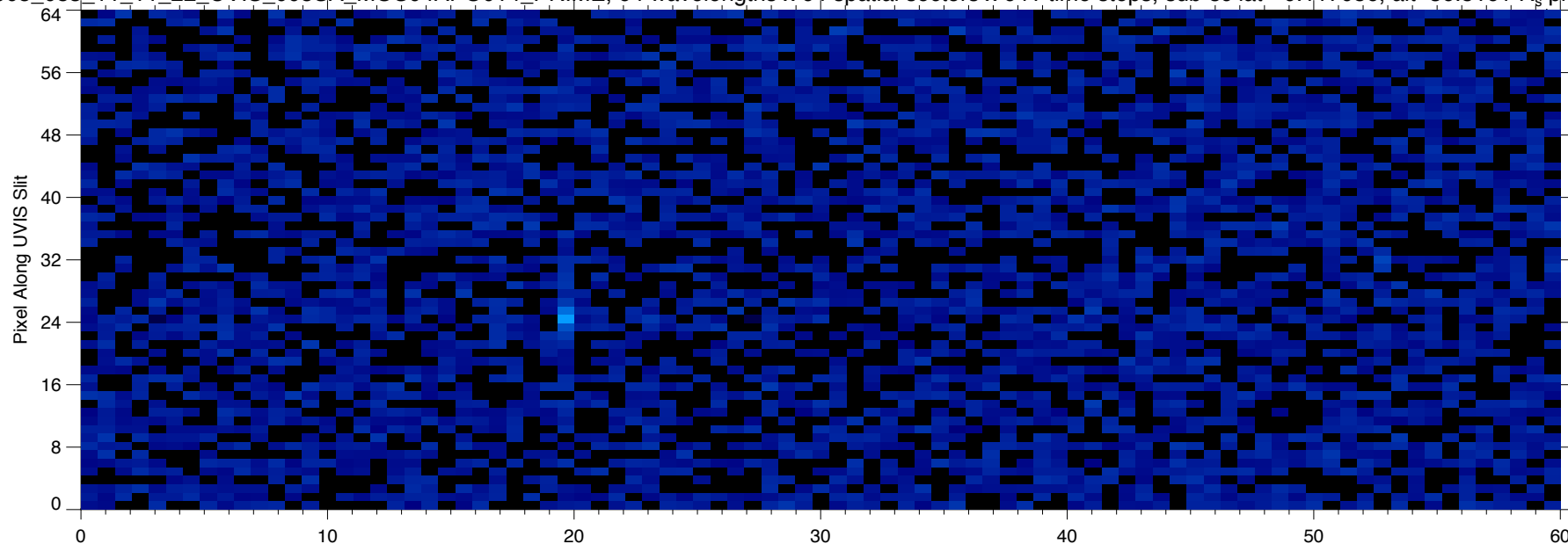
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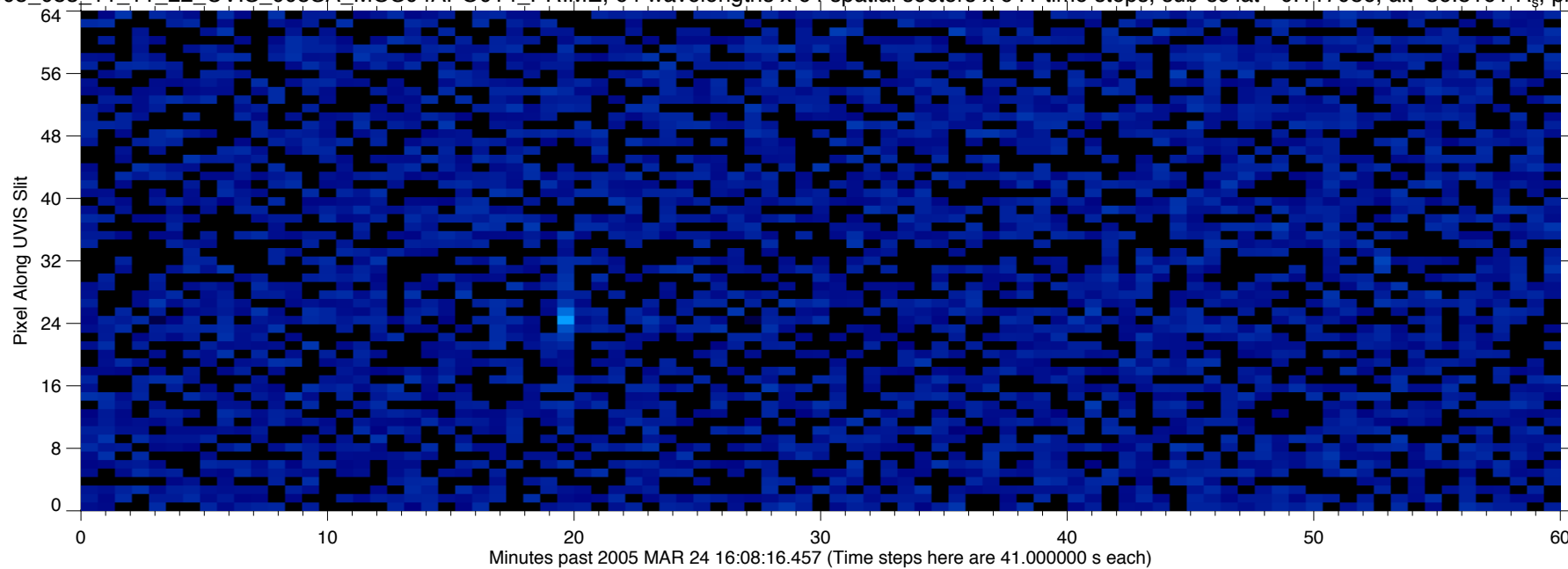
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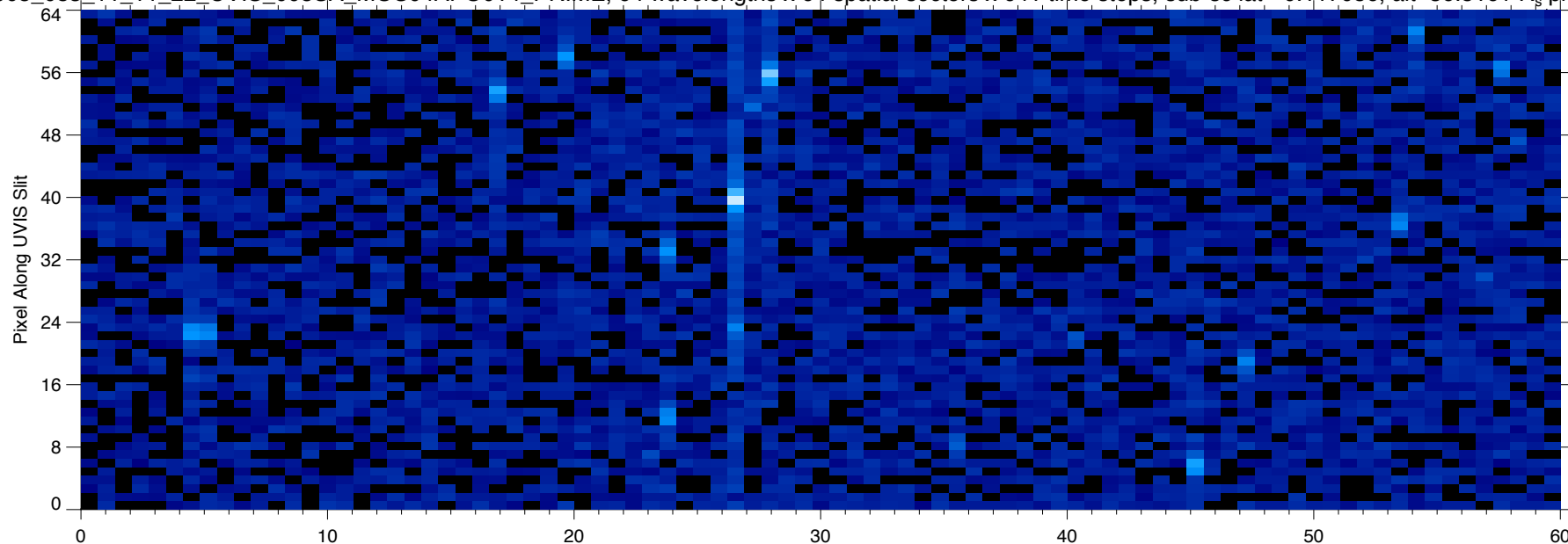
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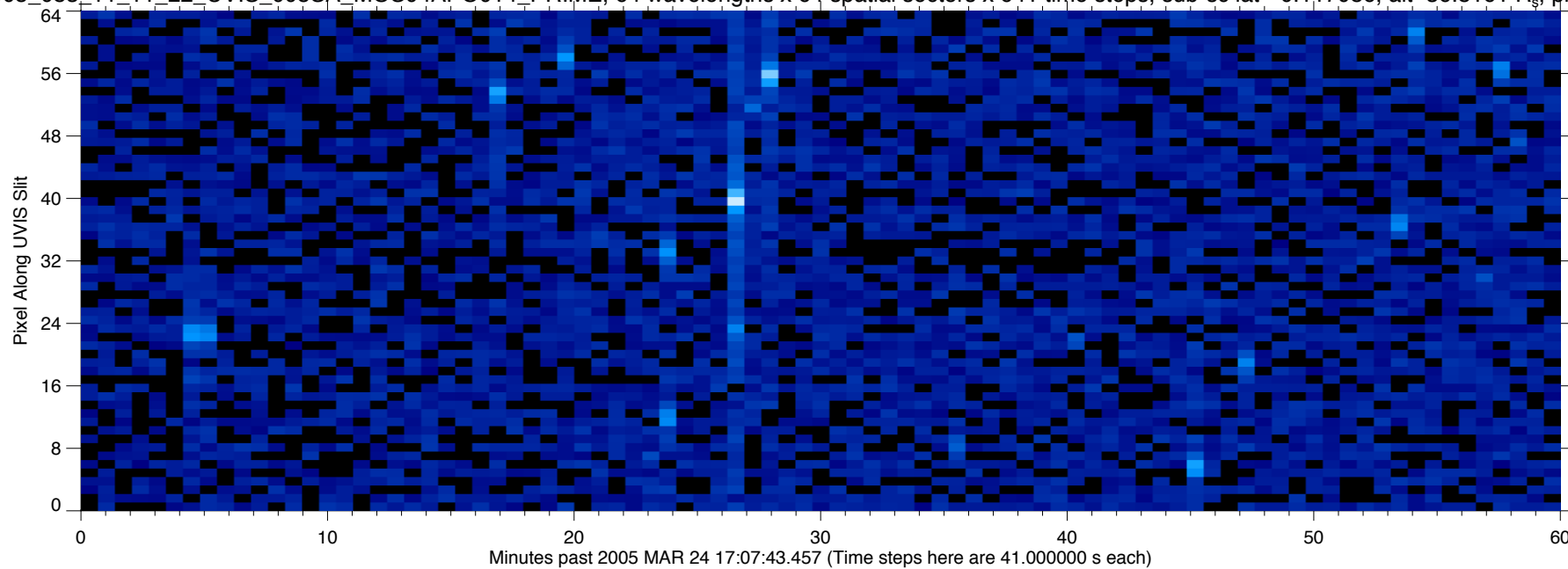
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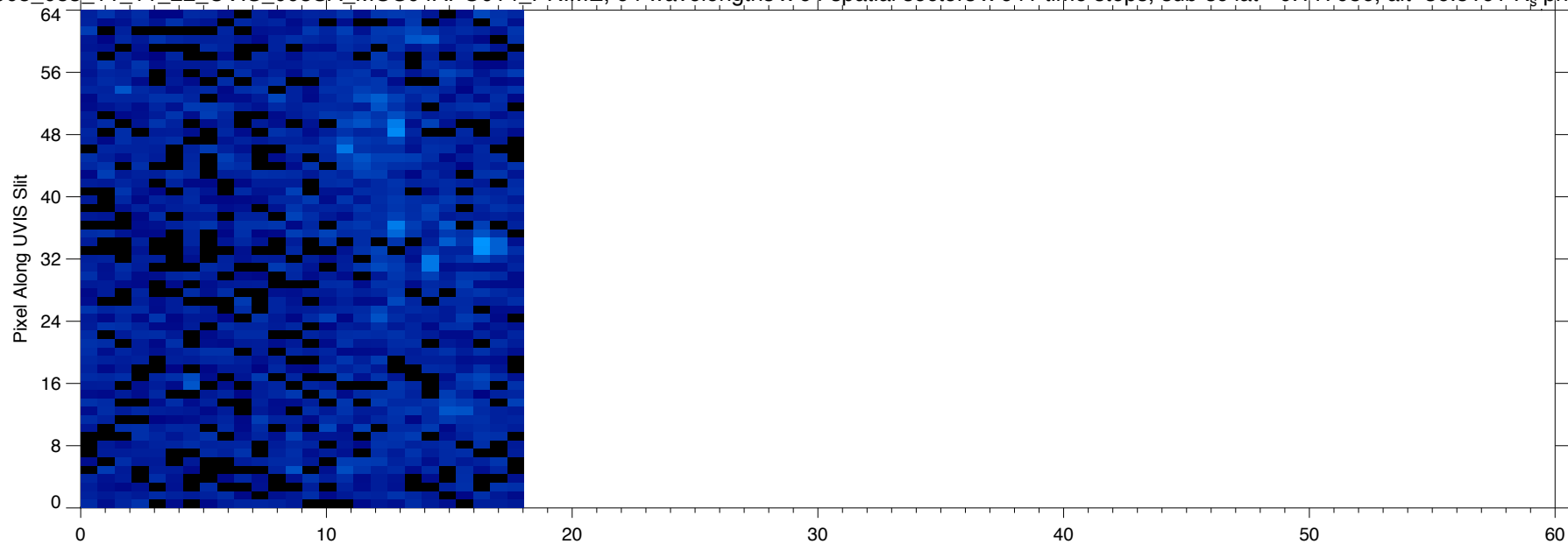
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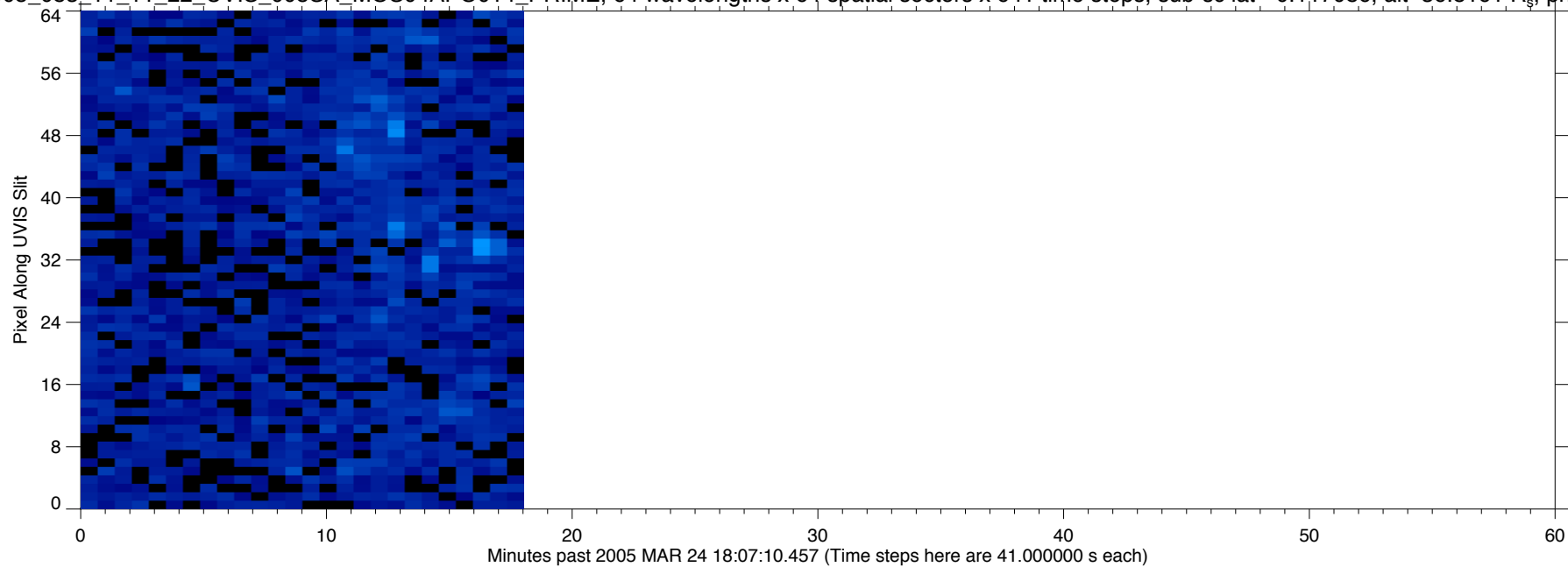
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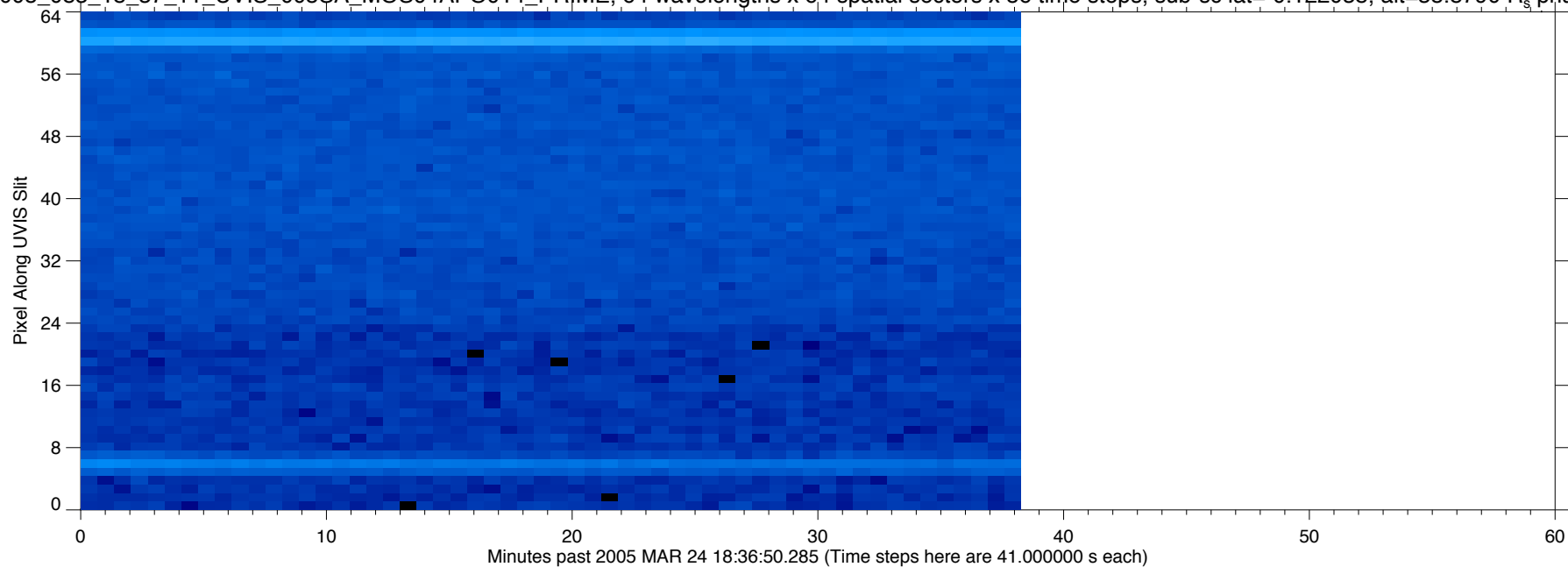
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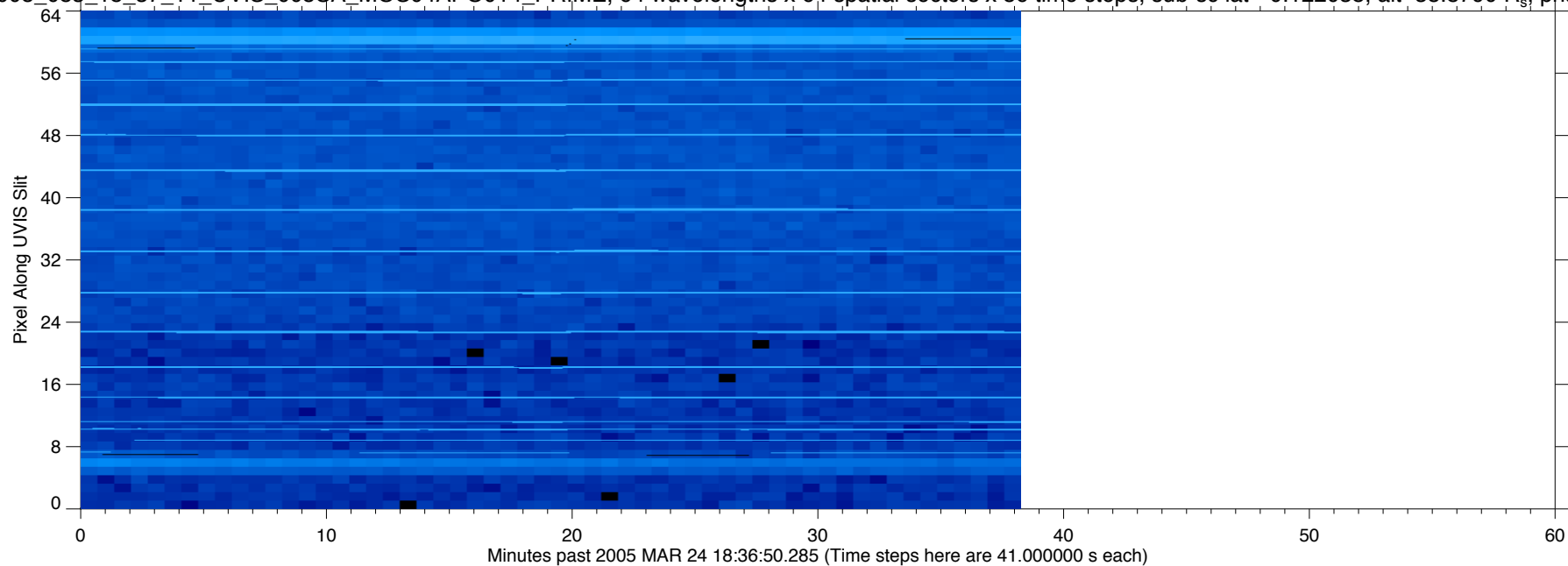
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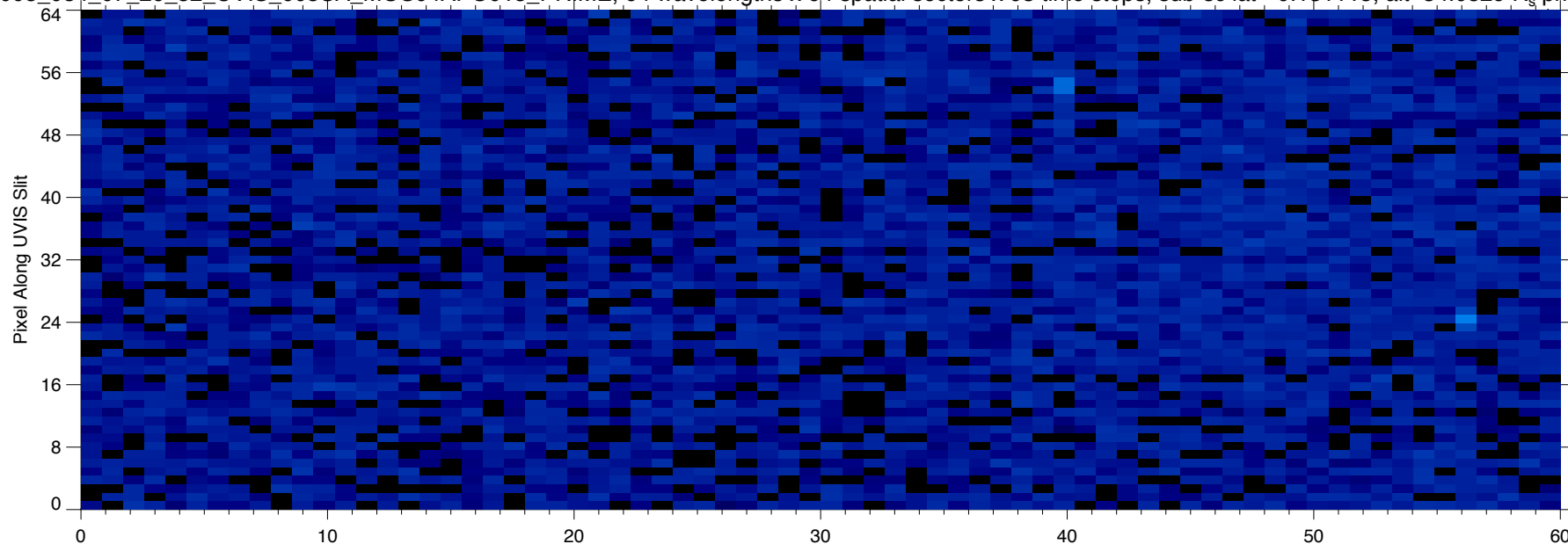
FUV2005_083_18_37_11_UVIS_005SA_MOS04APO014_PRIME, 64 wavelengths x 64 spatial sectors x 56 time steps, sub-sc lat=-0.122038, alt=35.8790 R_s phase=51.9757



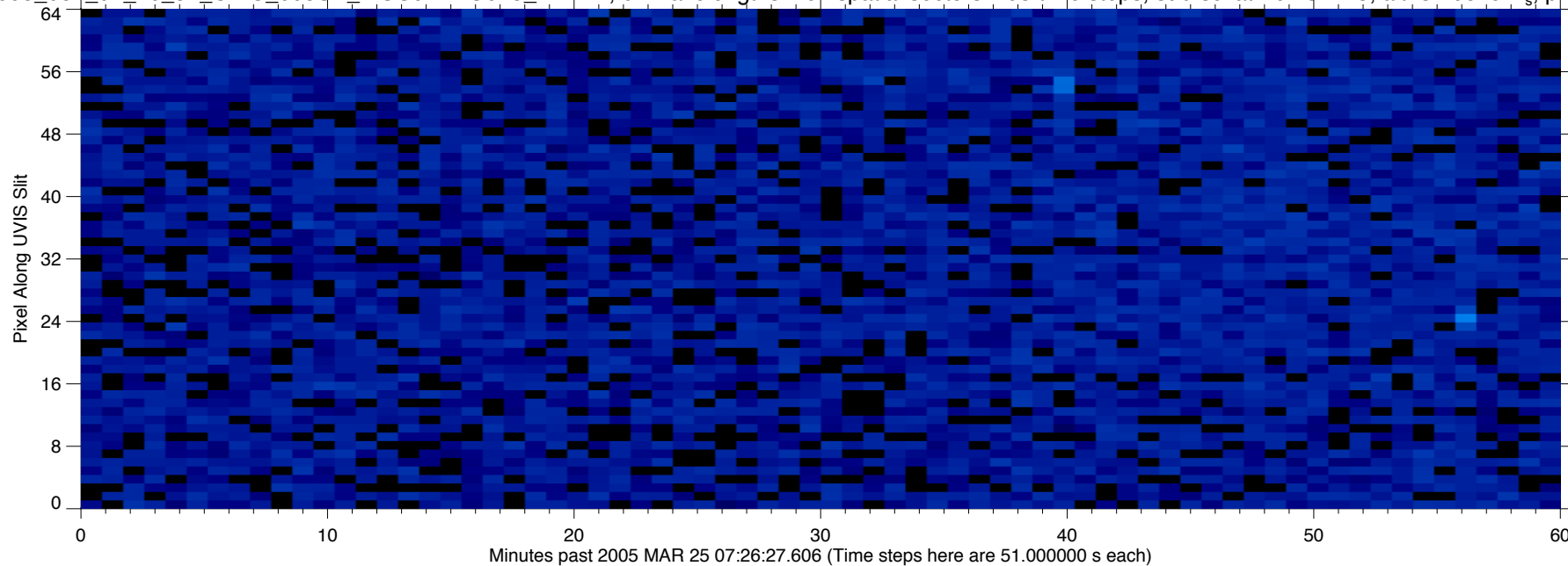
FUV2005_083_18_37_11_UVIS_005SA_MOS04APO014_PRIME, 64 wavelengths x 64 spatial sectors x 56 time steps, sub-sc lat=-0.122038, alt=35.8790 R_s phase=51.9757



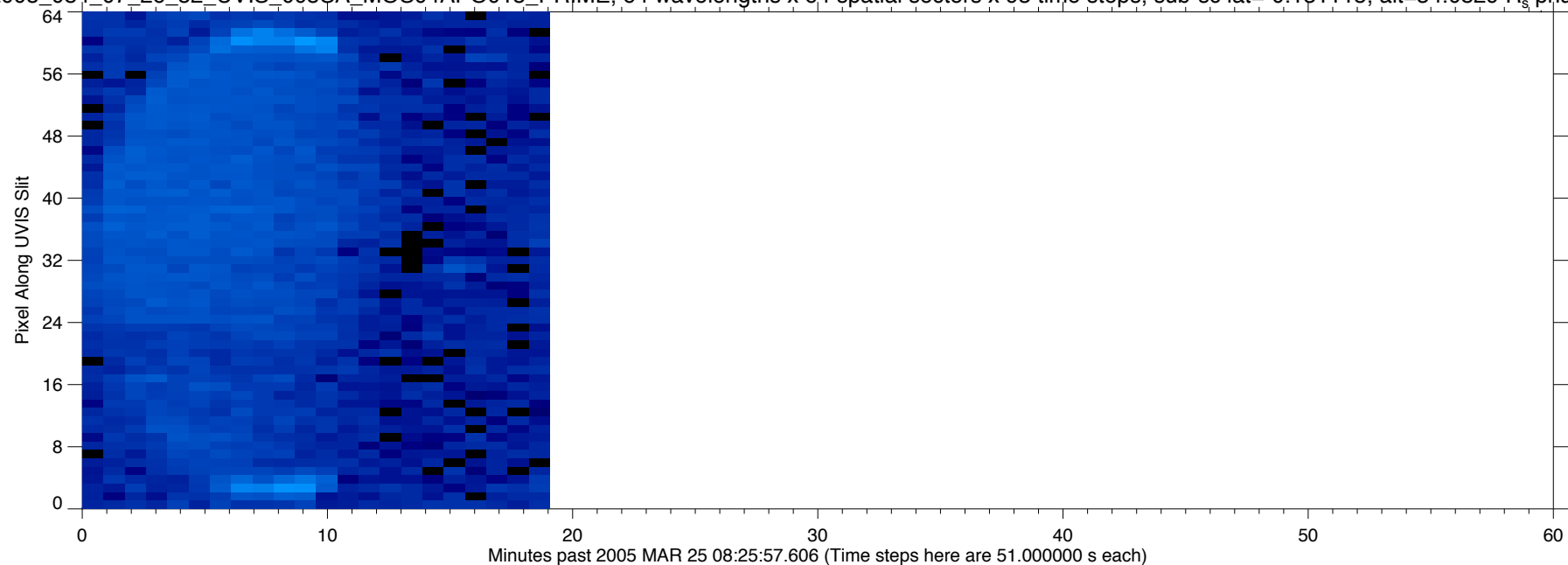
FUV2005_084_07_26_52_UVIS_005SA_MOS04APO015_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-0.131115, alt=34.0829 R_s phase=50.0977



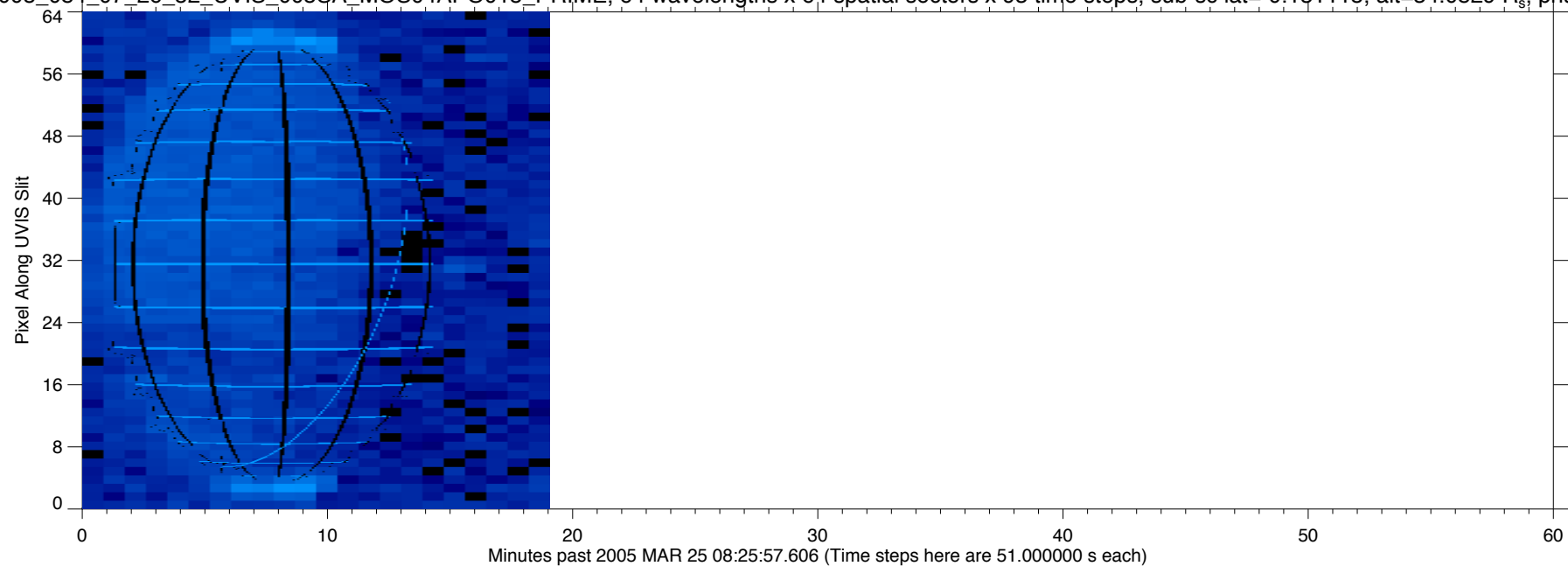
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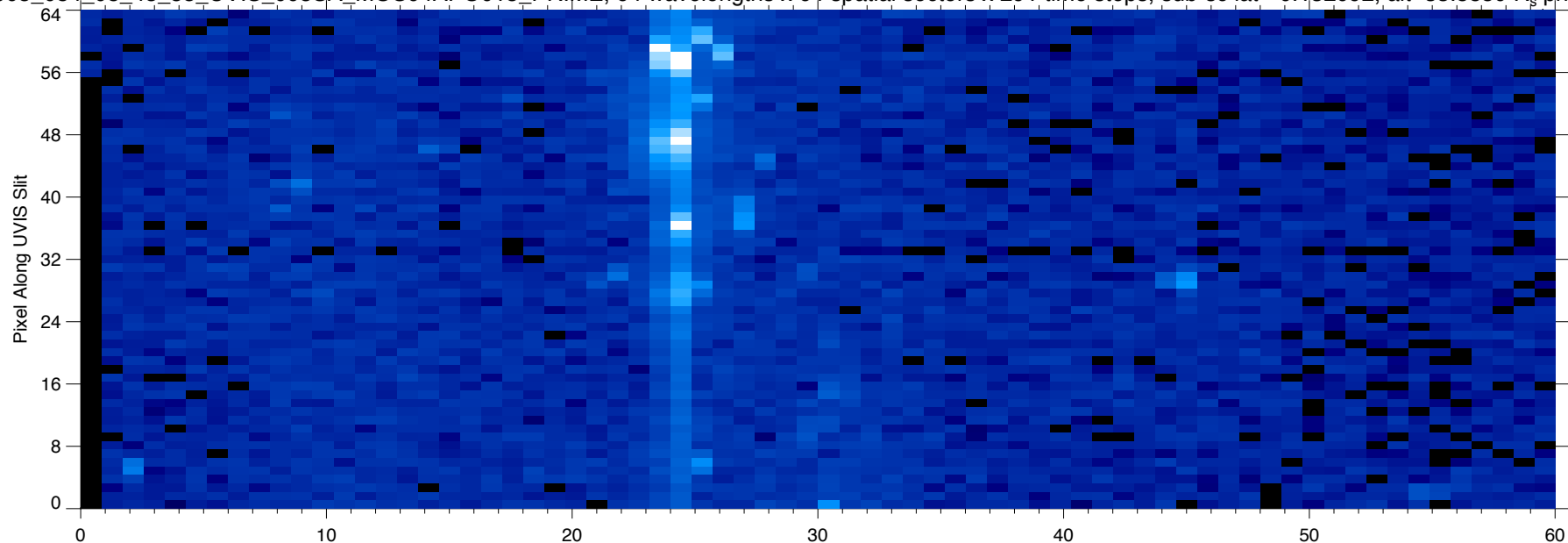
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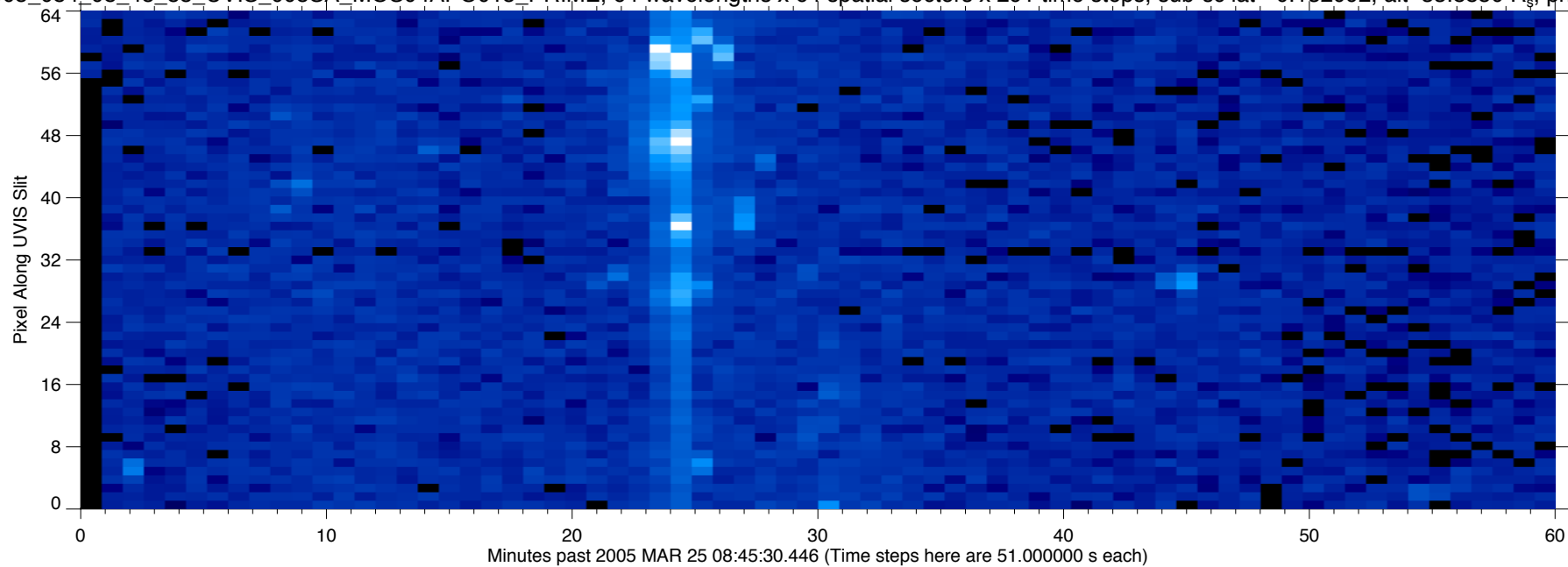
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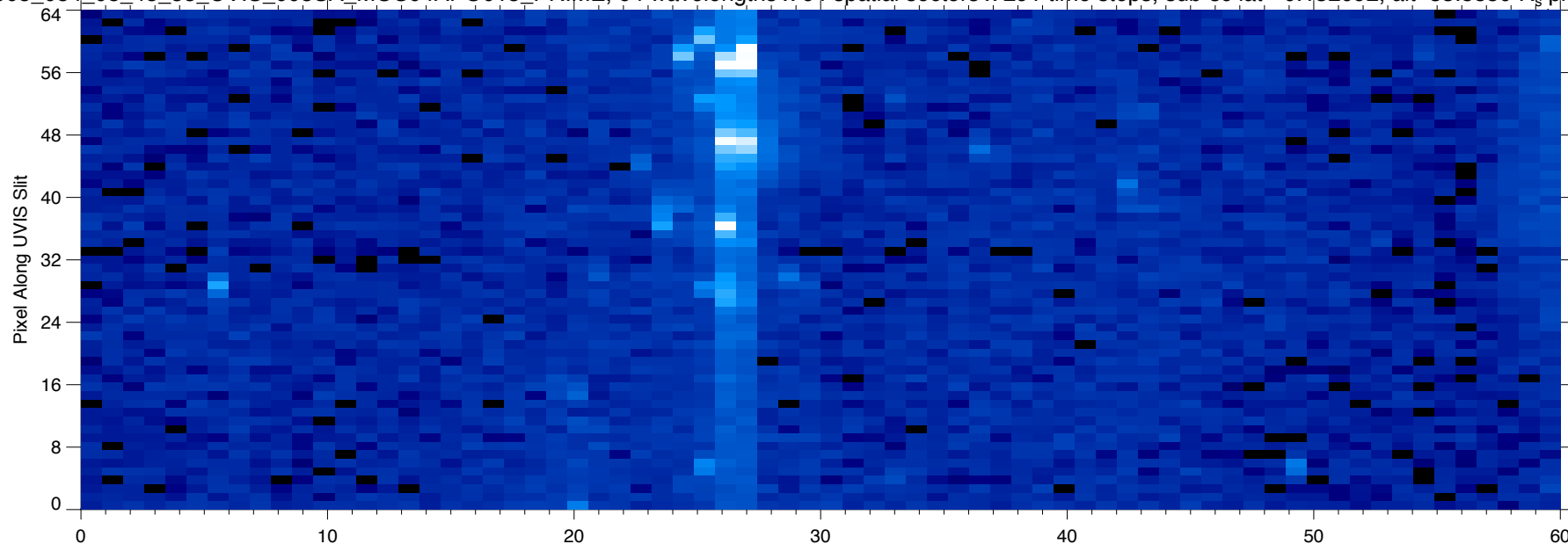
FUV2005_084_08_45_55_UVIS_005SA_MOS04APO015_PRIME, 64 wavelengths x 64 spatial sectors x 291 time steps, sub-sc lat=-0.132092, alt=33.8850 R_s, phase=49.8944



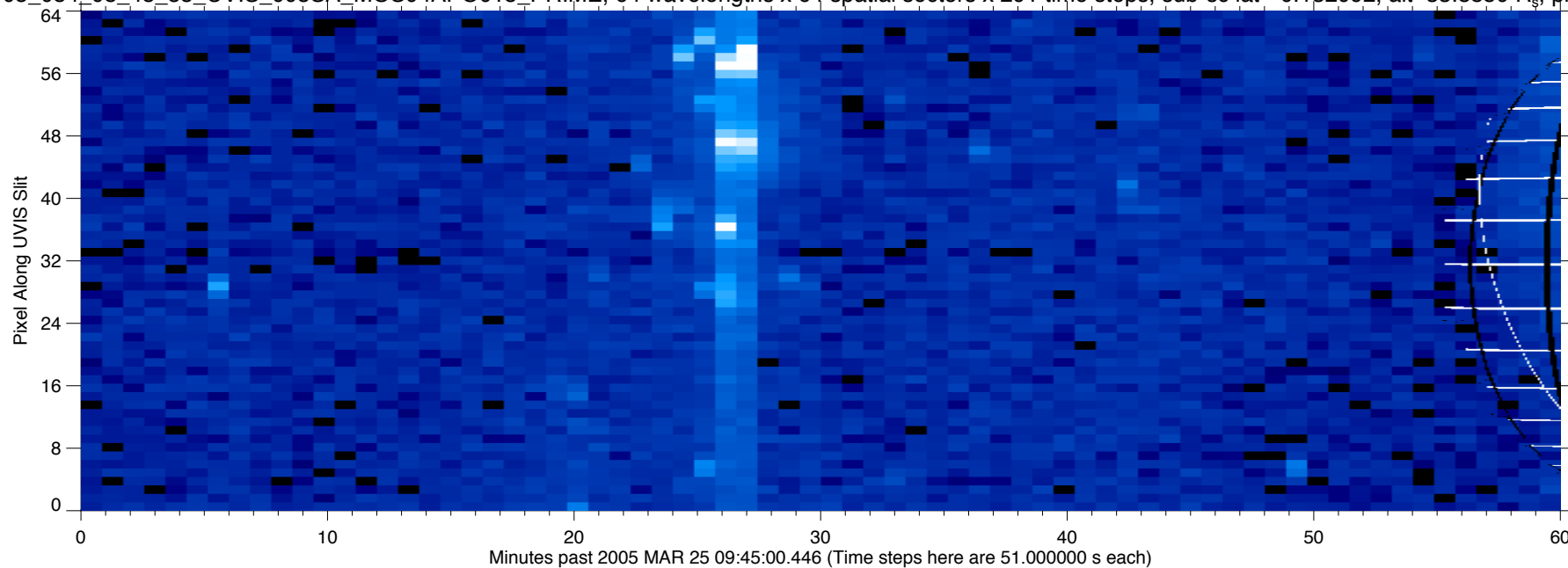
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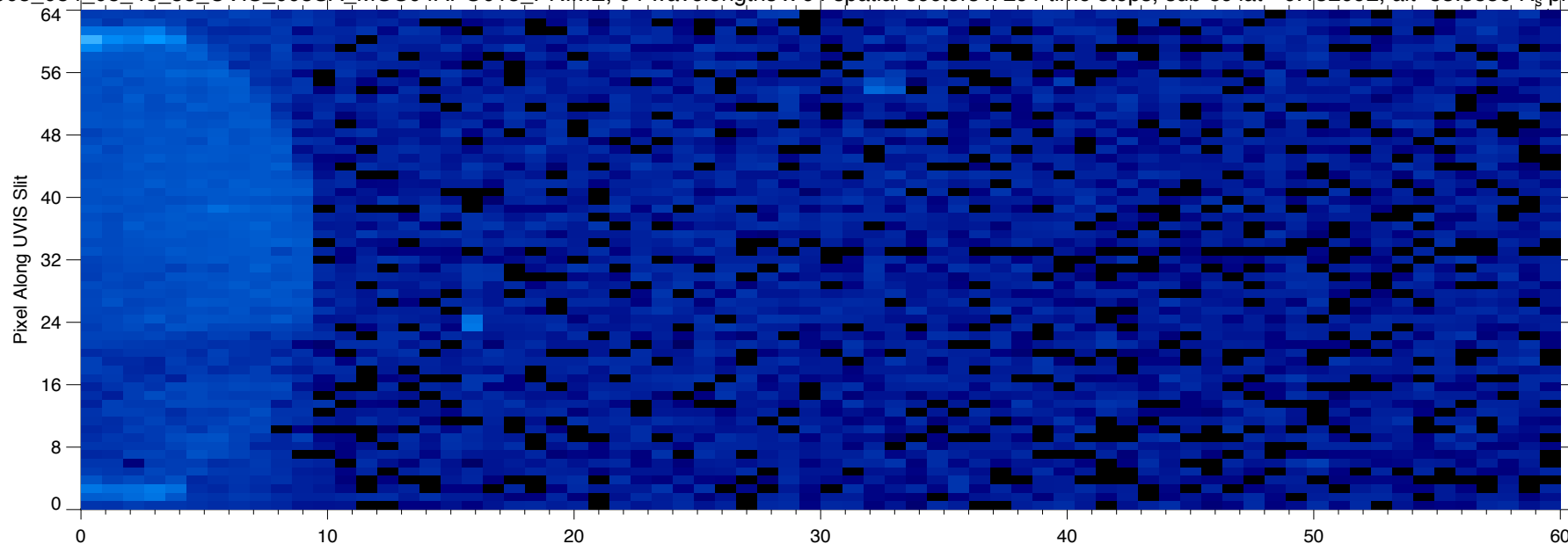
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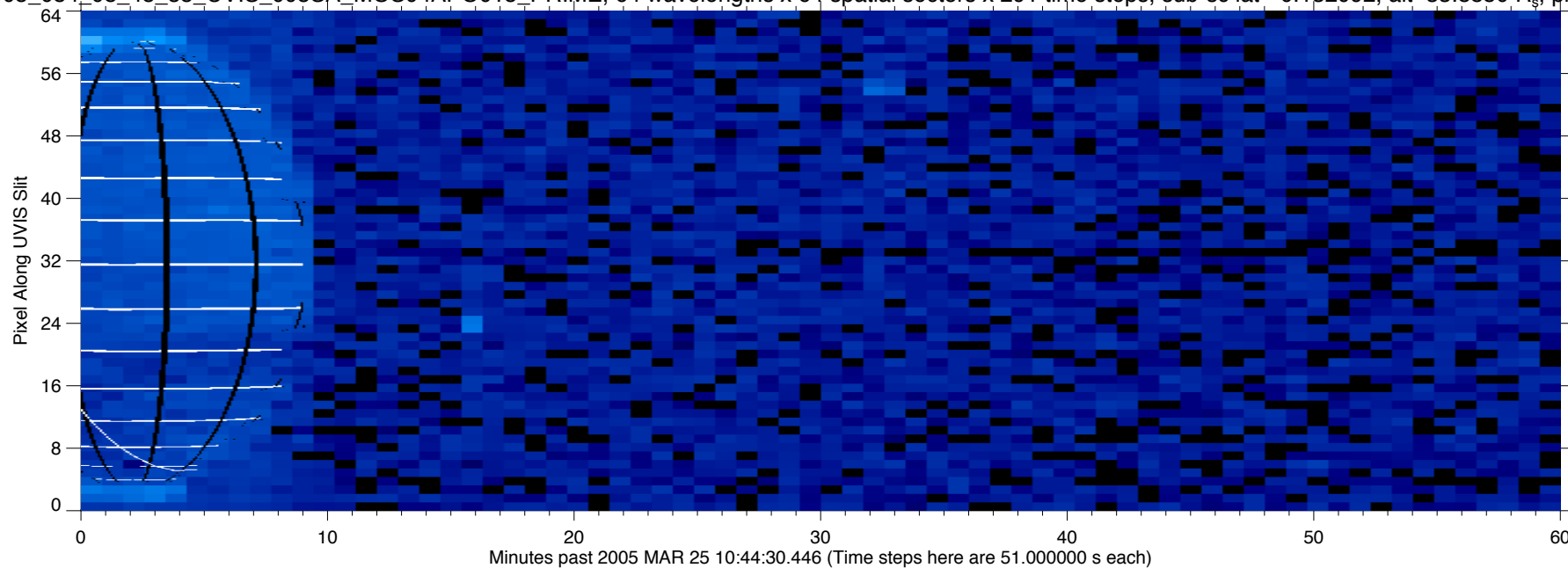
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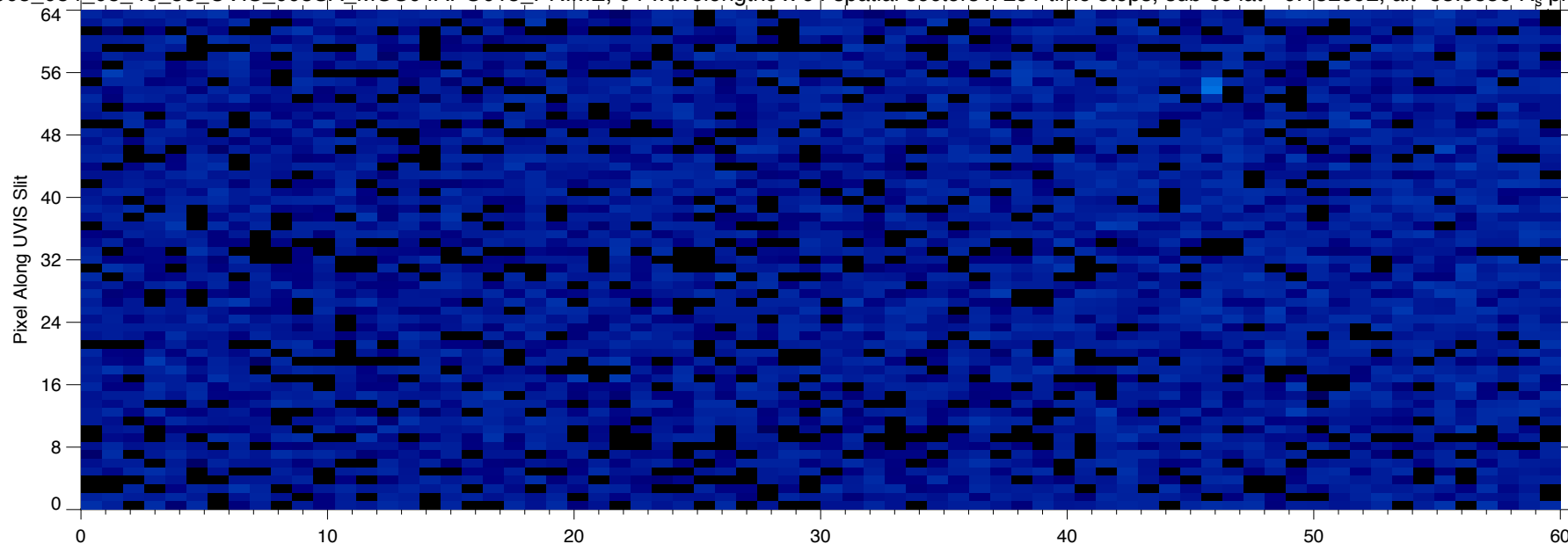
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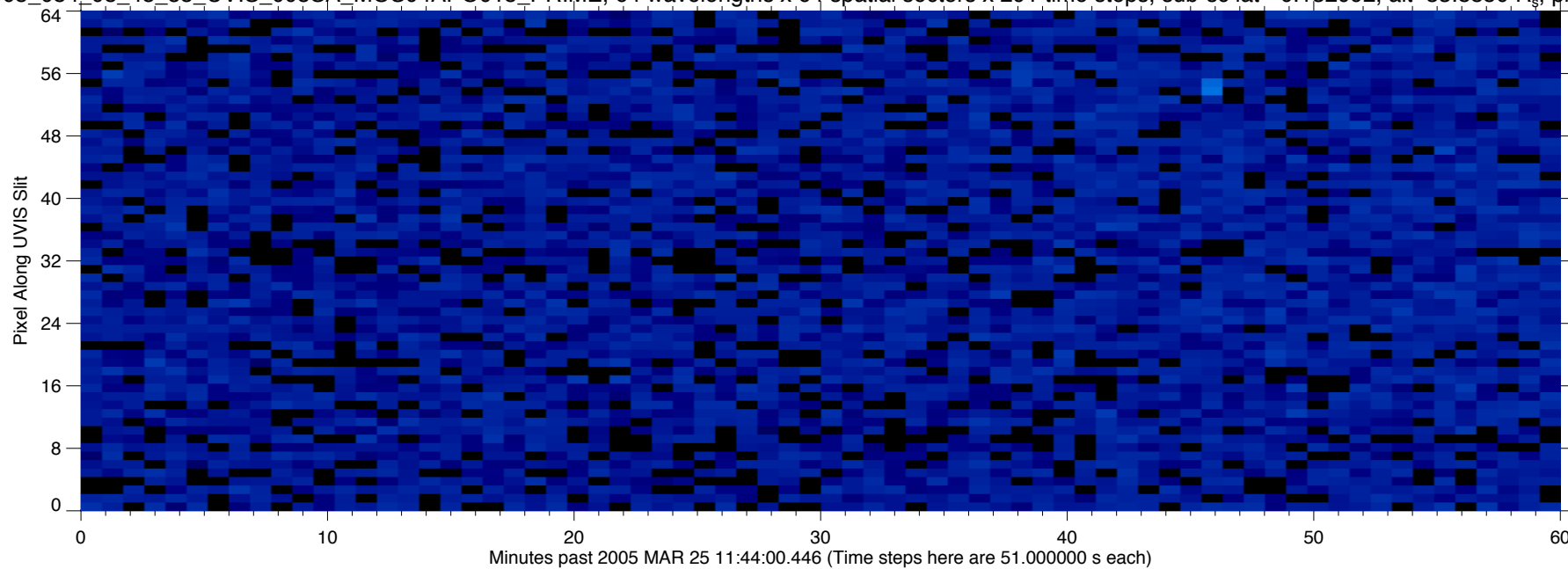
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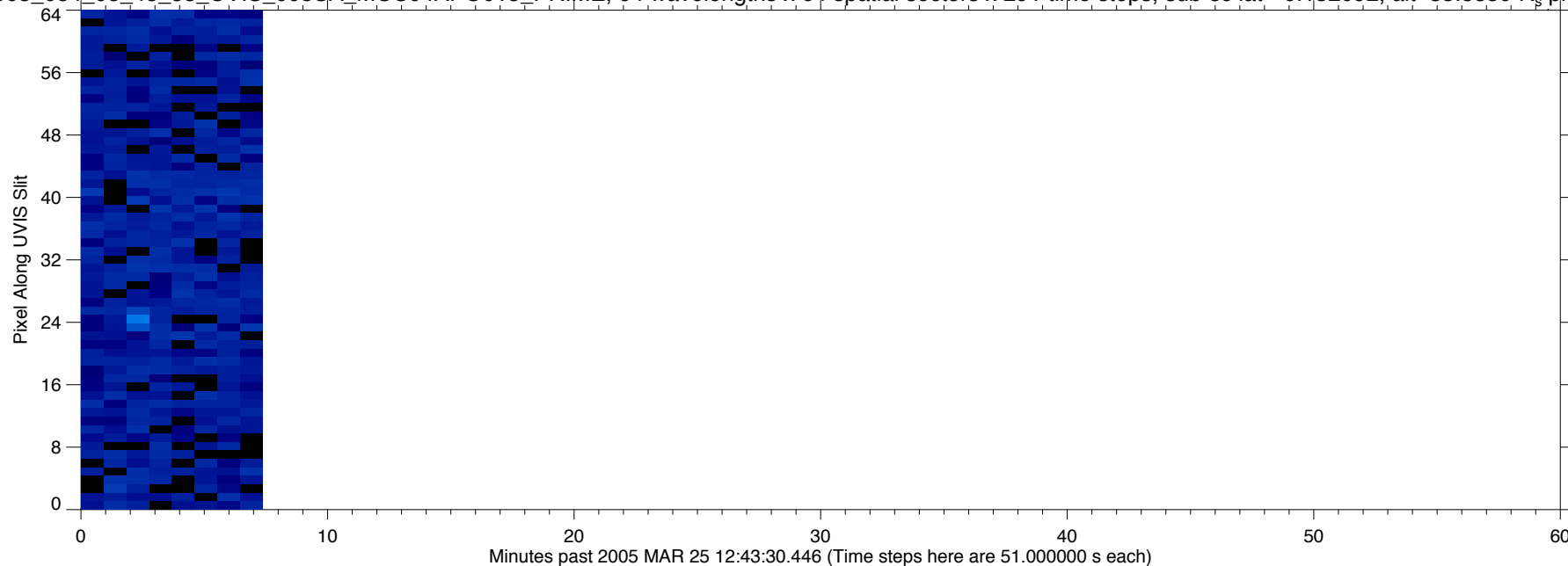
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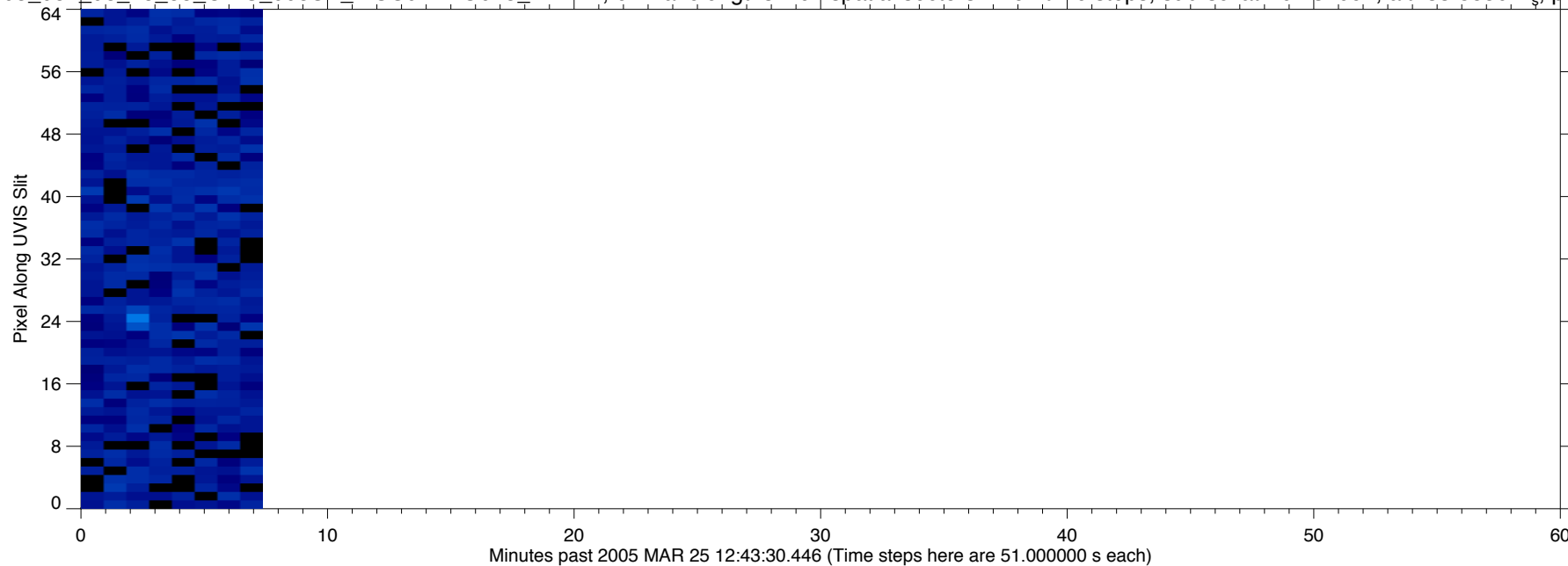
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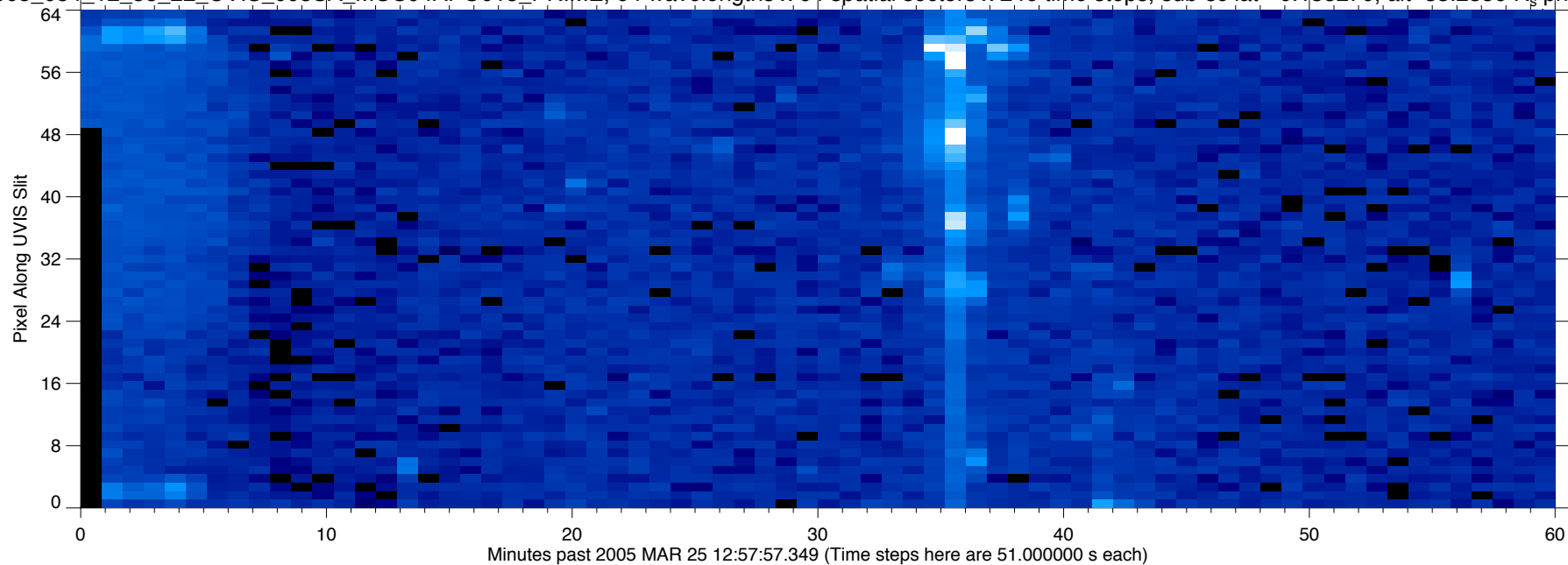
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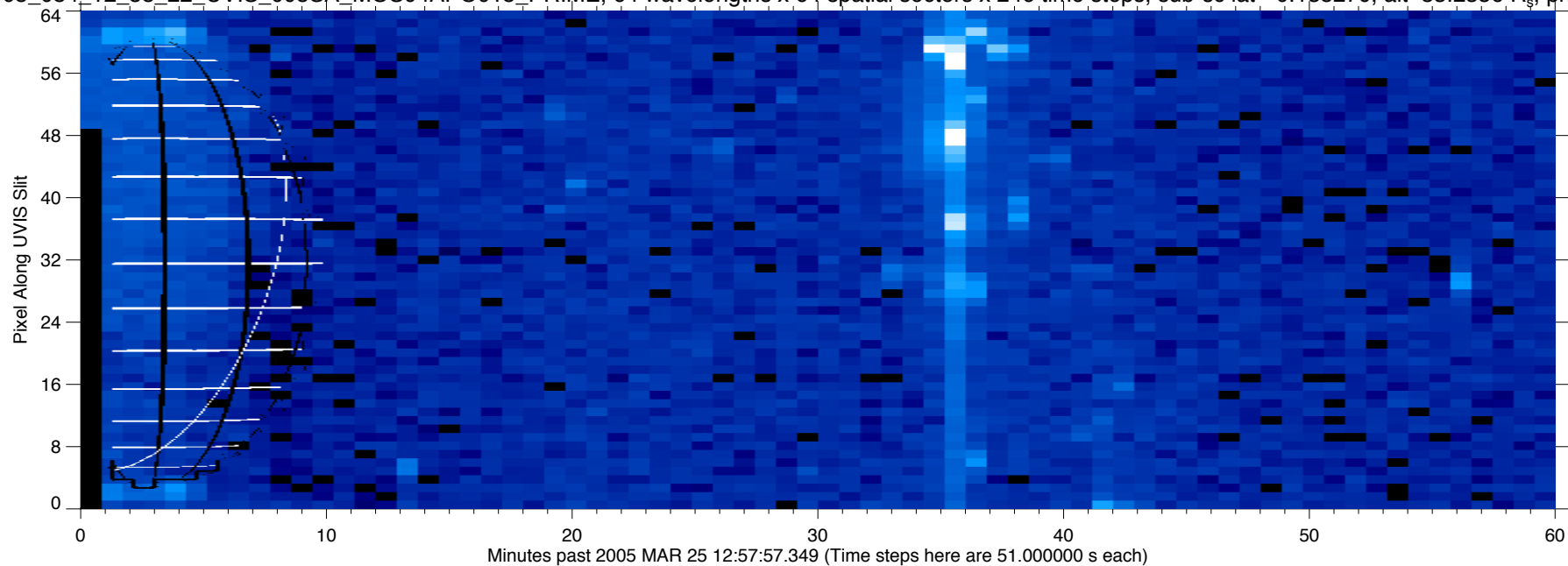
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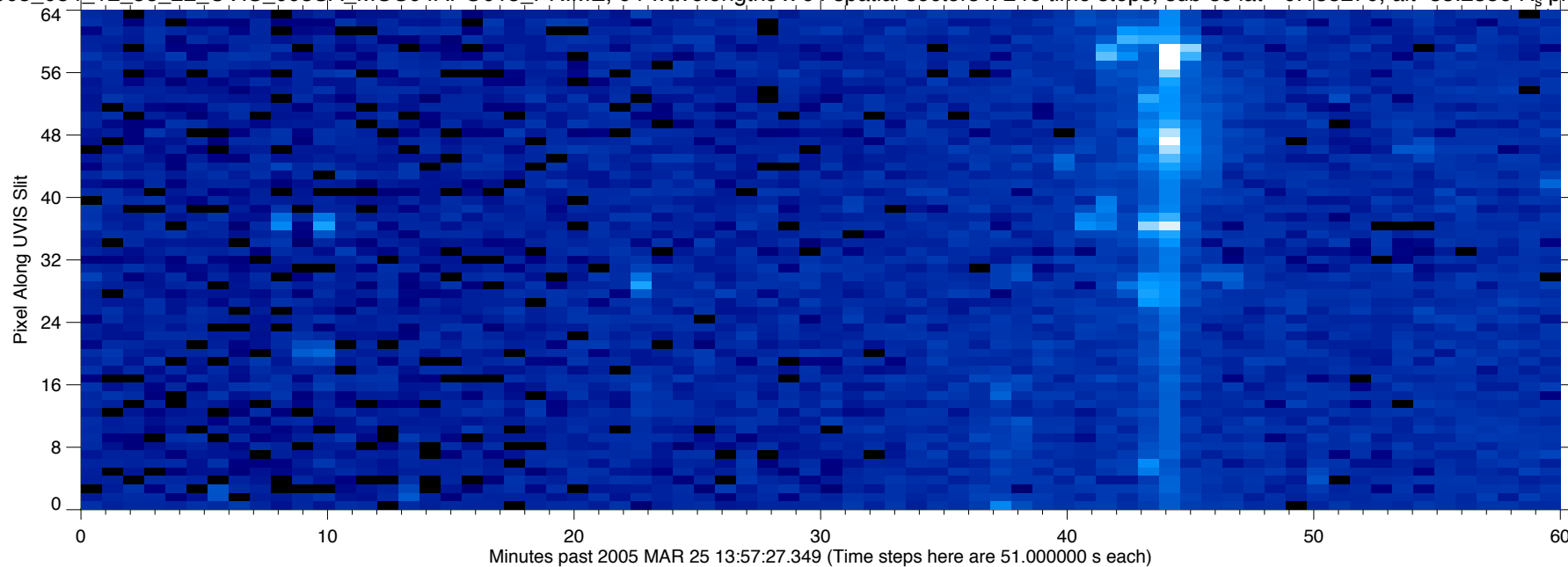
FUV2005_084_12_58_22_UVIS_005SA_MOS04APO015_PRIME, 64 wavelengths x 64 spatial sectors x 246 time steps, sub-sc lat=-0.135270, alt=33.2356 R_s phase=49.2303



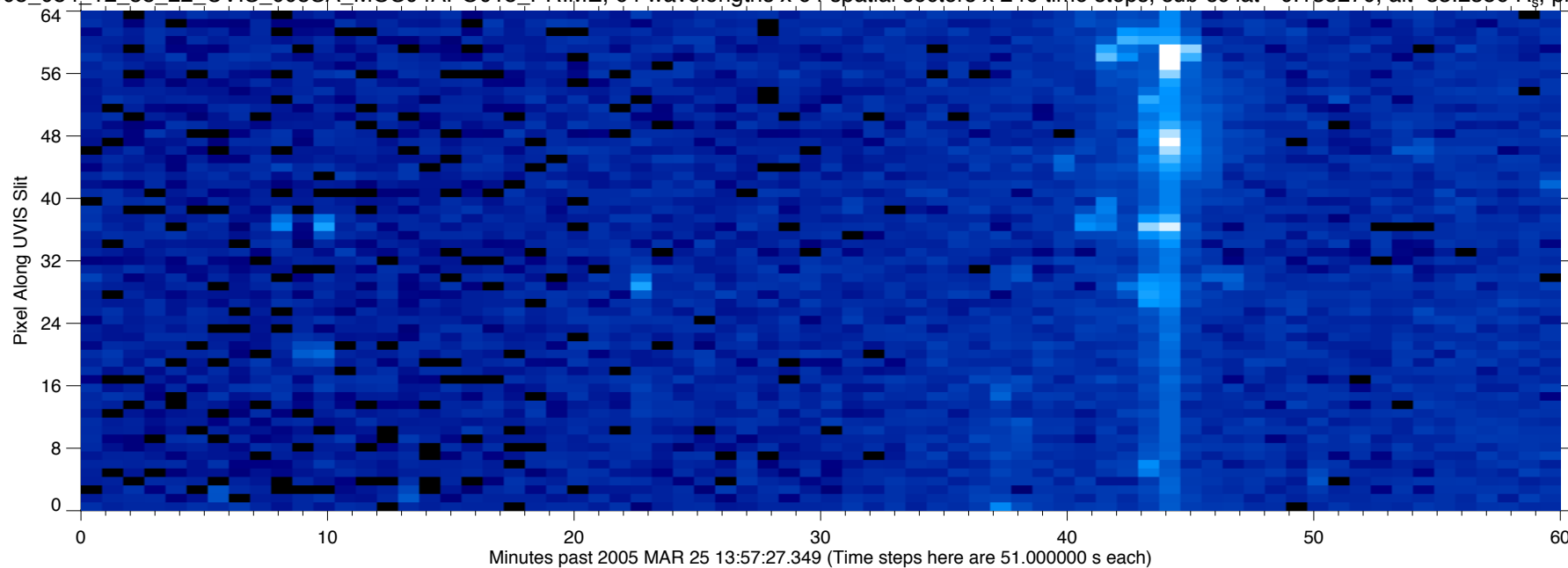
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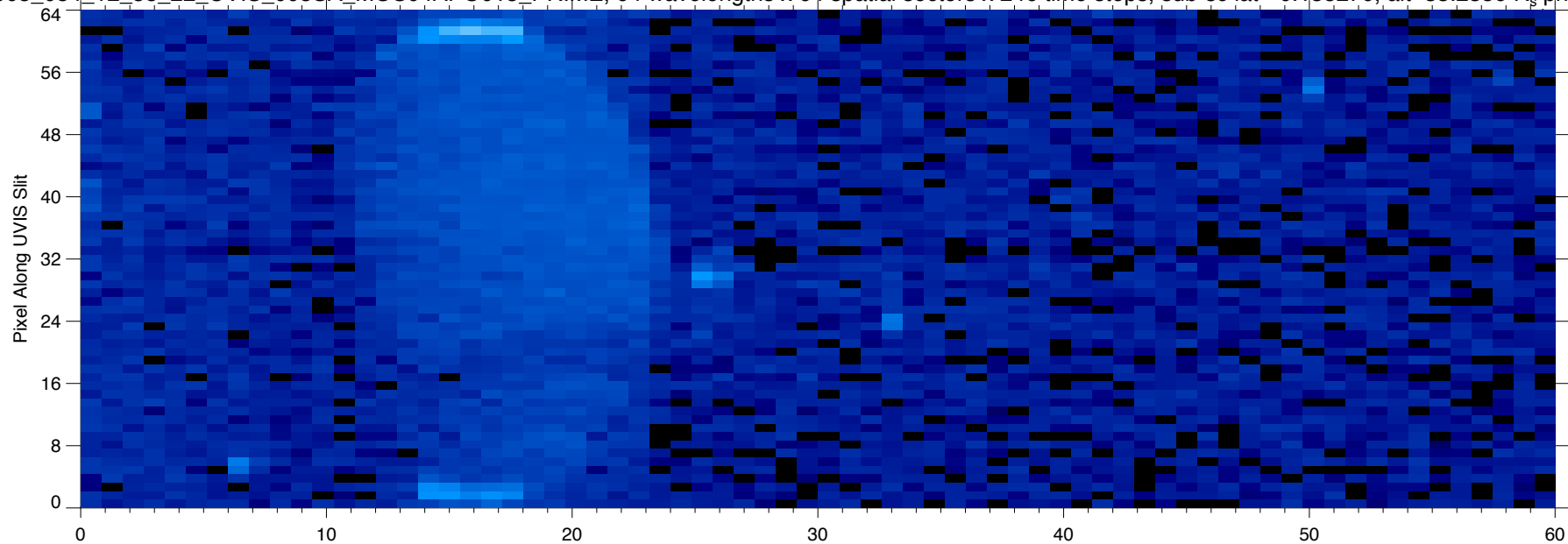
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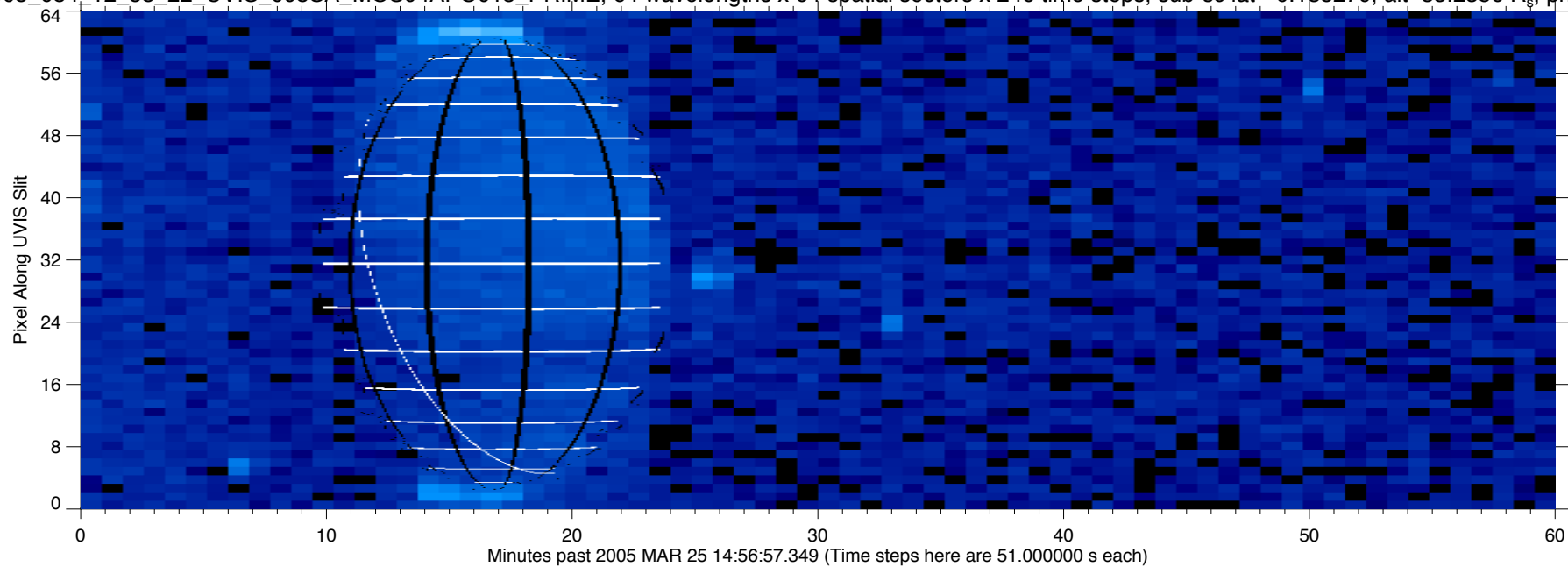
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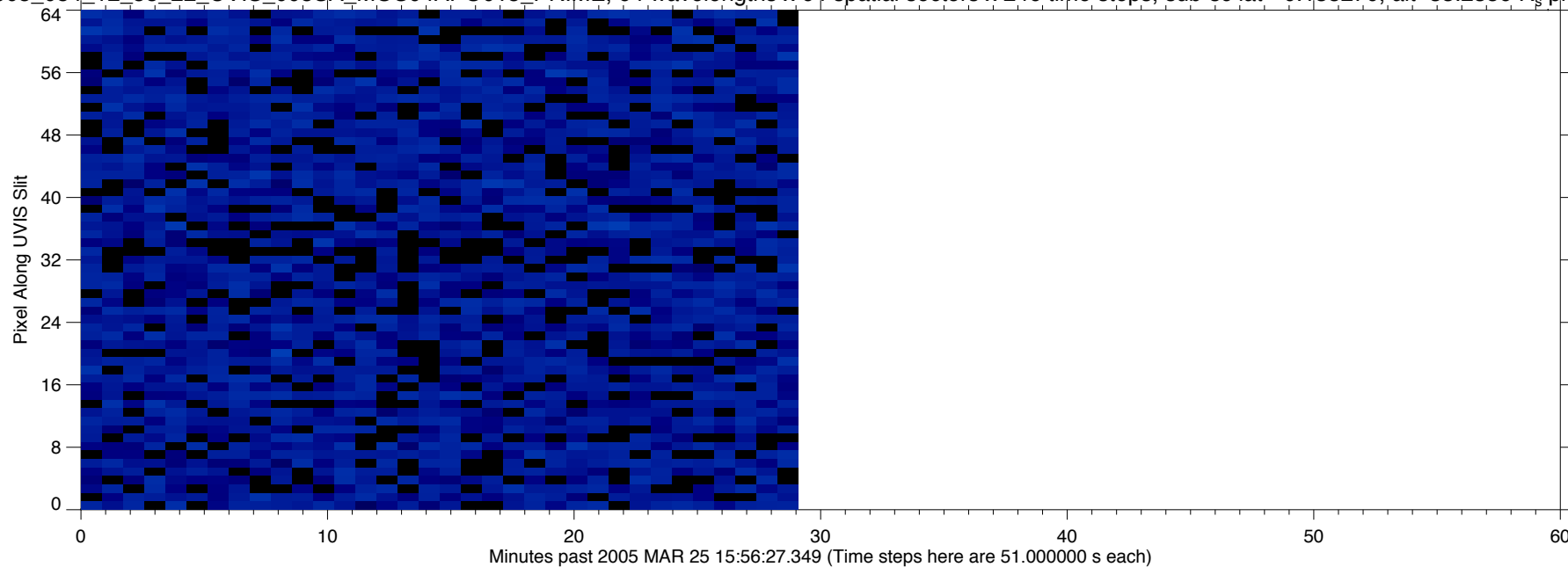
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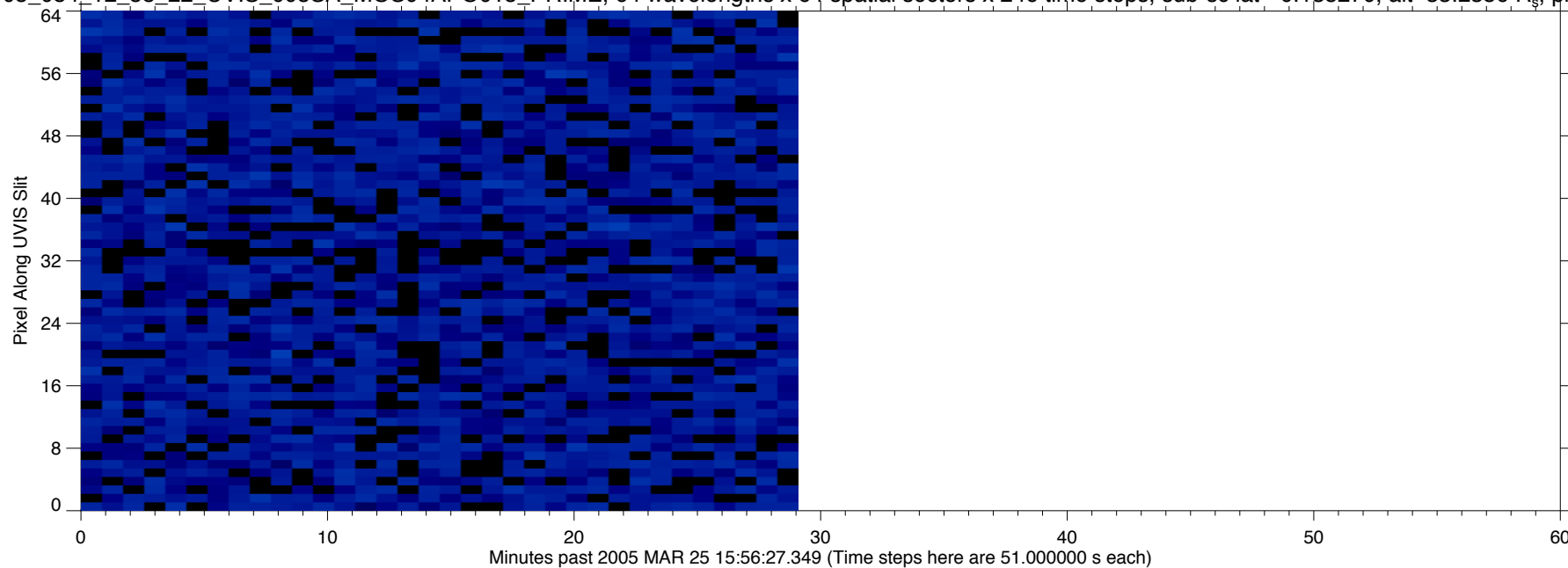
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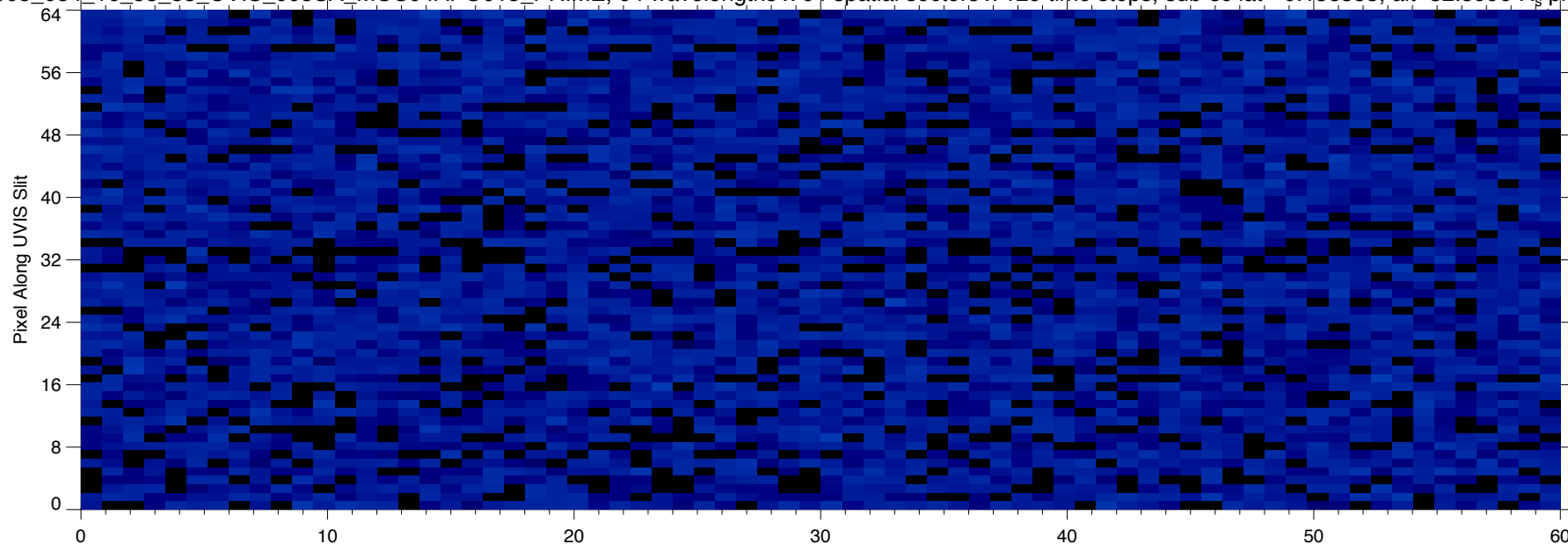
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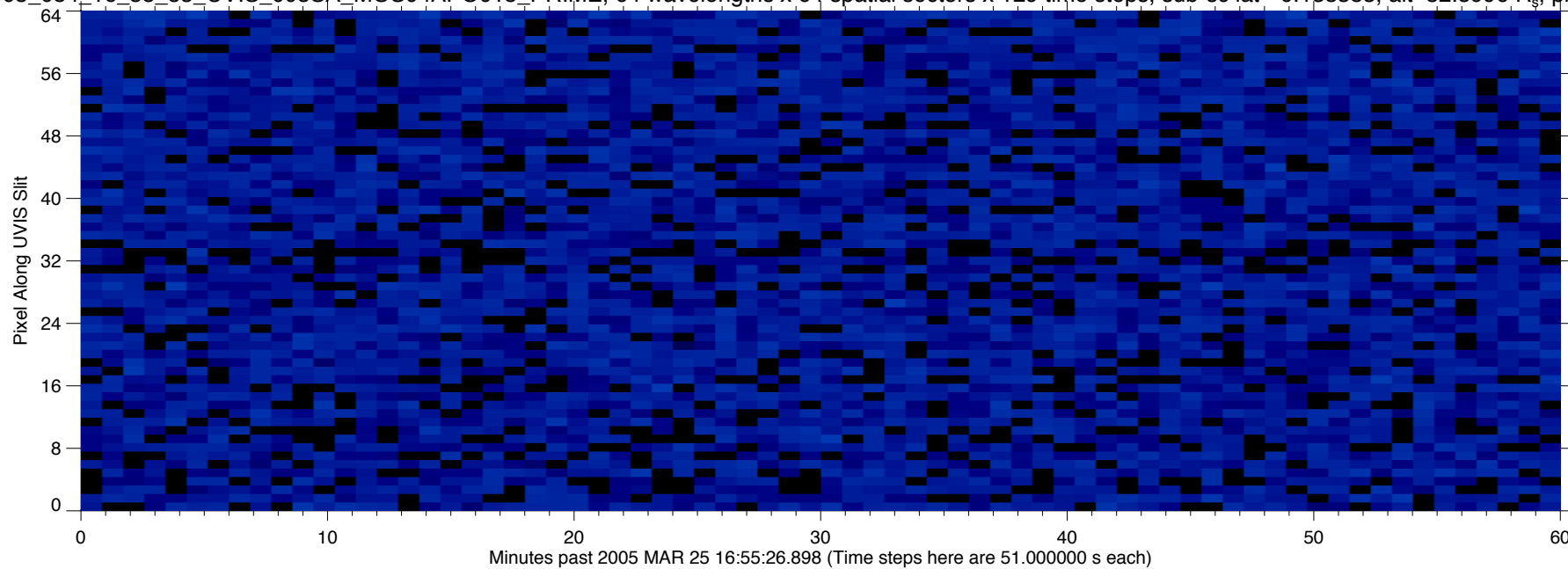
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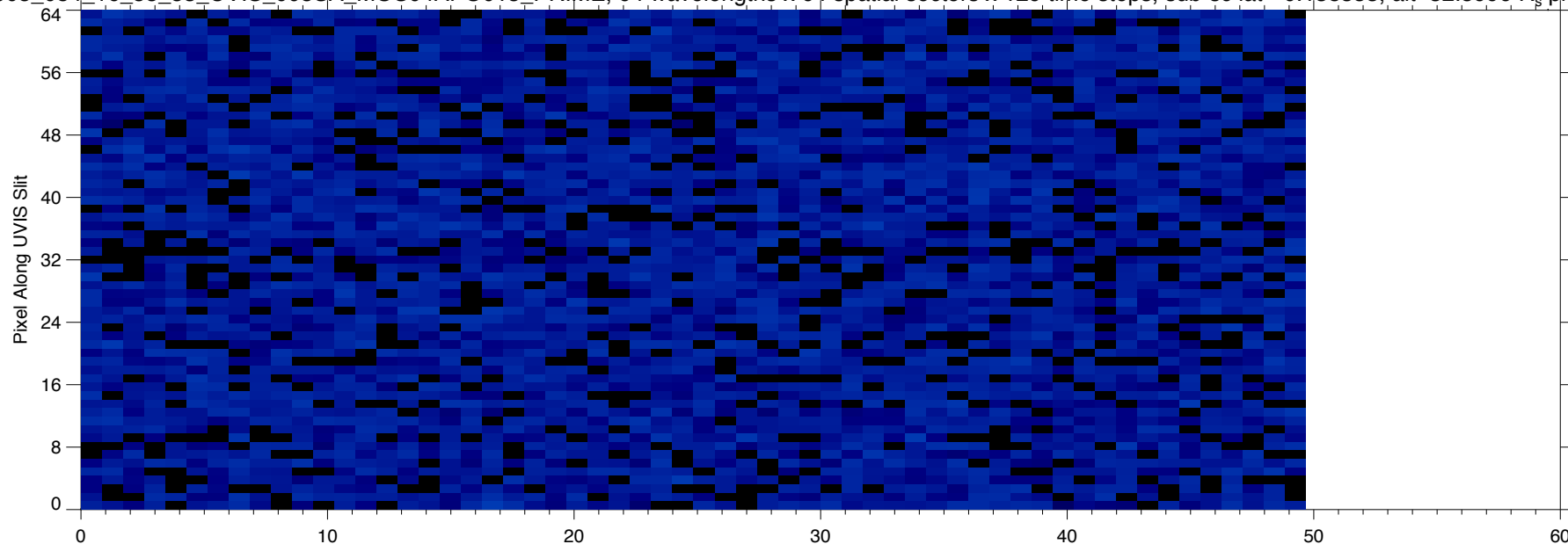
FUV2005_084_16_55_53_UVIS_005SA_MOS04APO015_PRIME, 64 wavelengths x 64 spatial sectors x 129 time steps, sub-sc lat=-0.138353, alt=32.5996 R_s, phase=48.5835



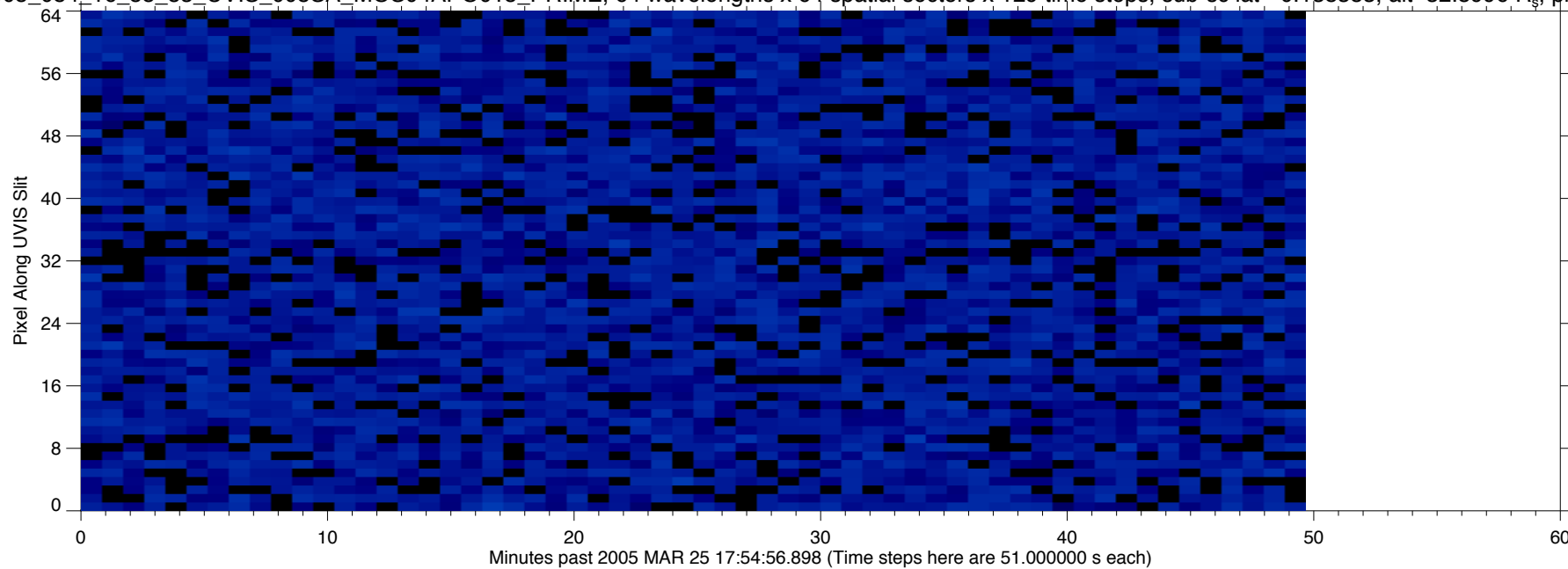
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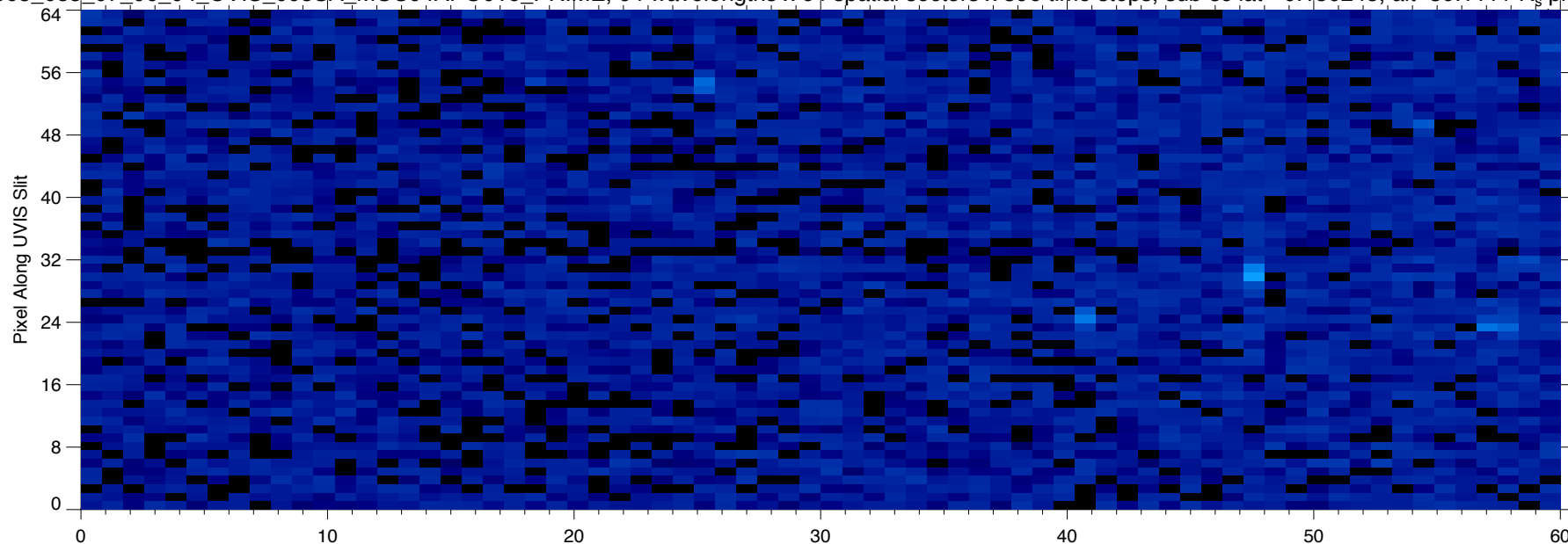
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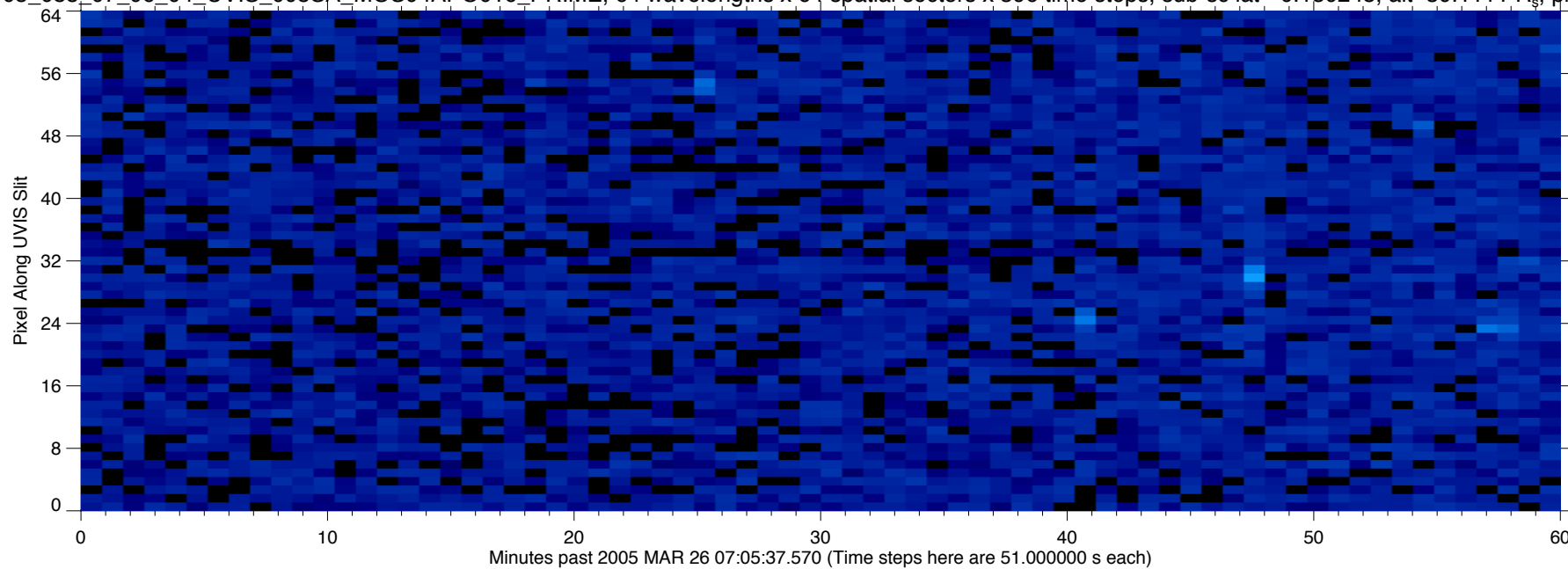
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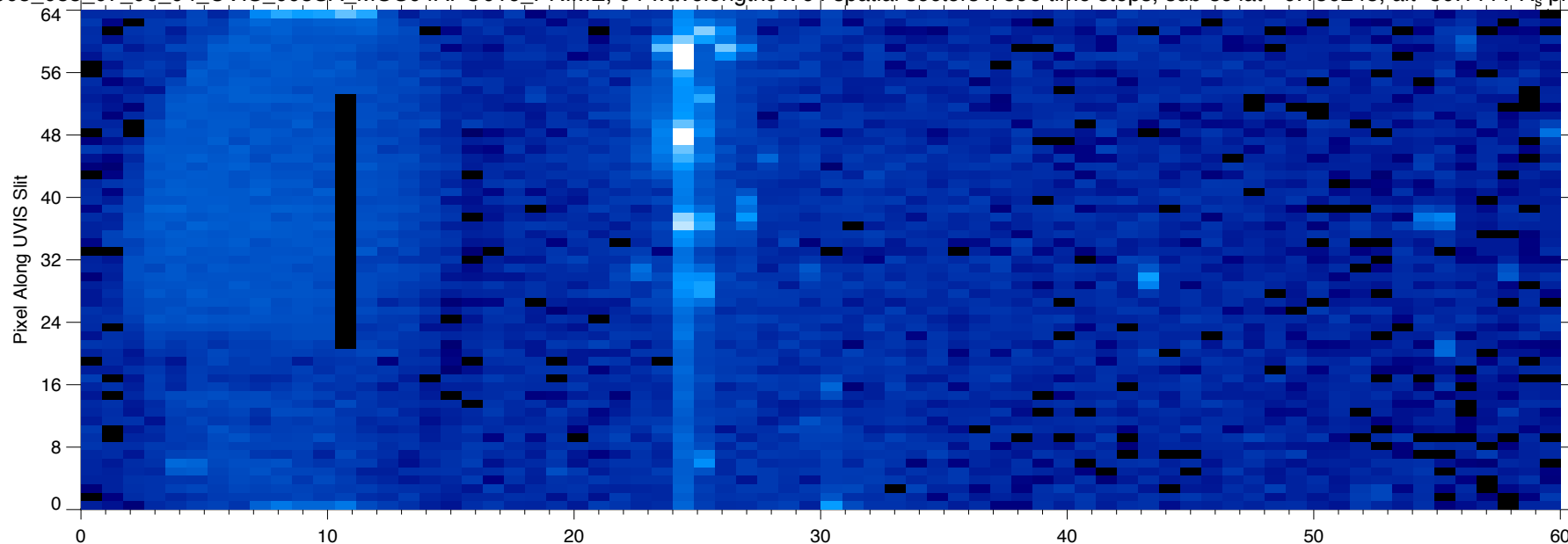
FUV2005_085_07_06_04_UVIS_005SA_MOS04APO016_PRIME, 64 wavelengths x 64 spatial sectors x 396 time steps, sub-sc lat=-0.150245, alt=30.1111 R_s, phase=46.0593



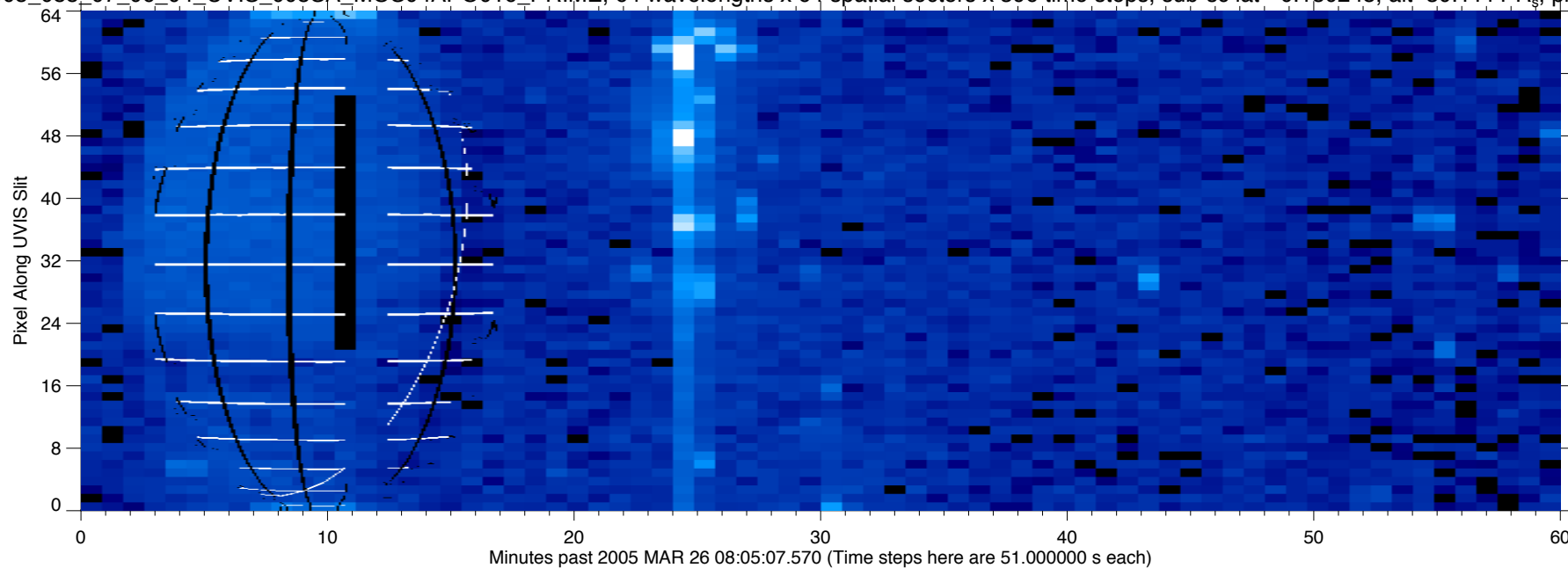
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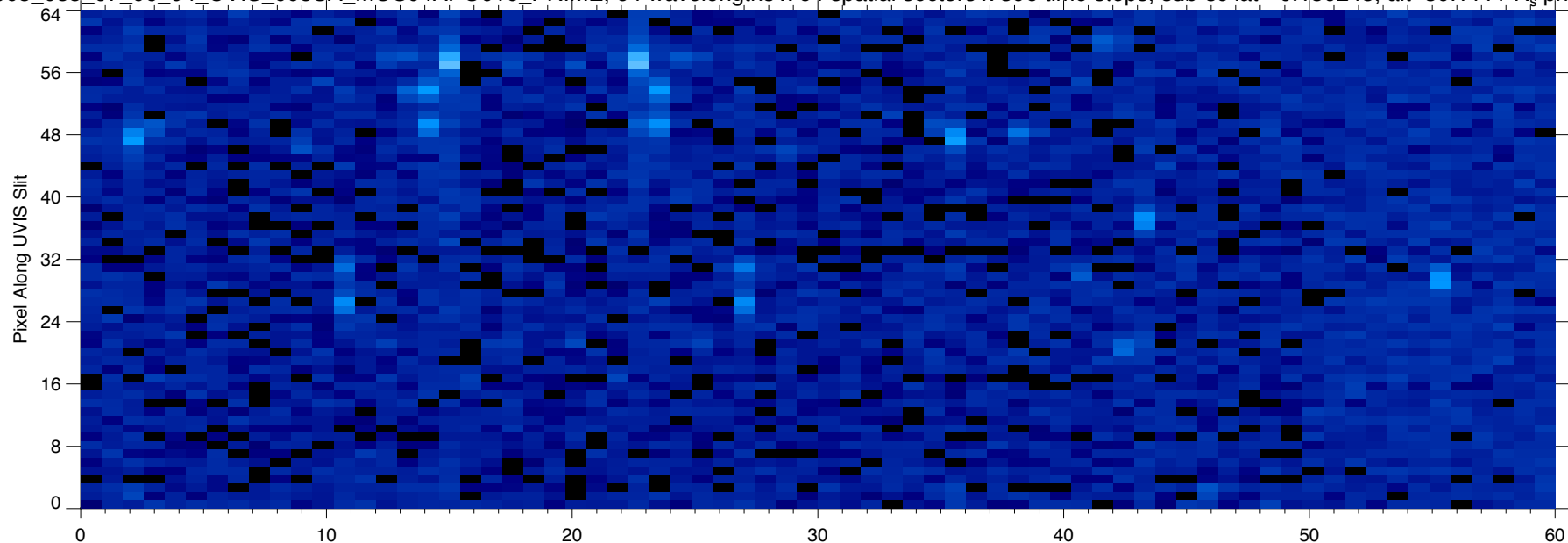
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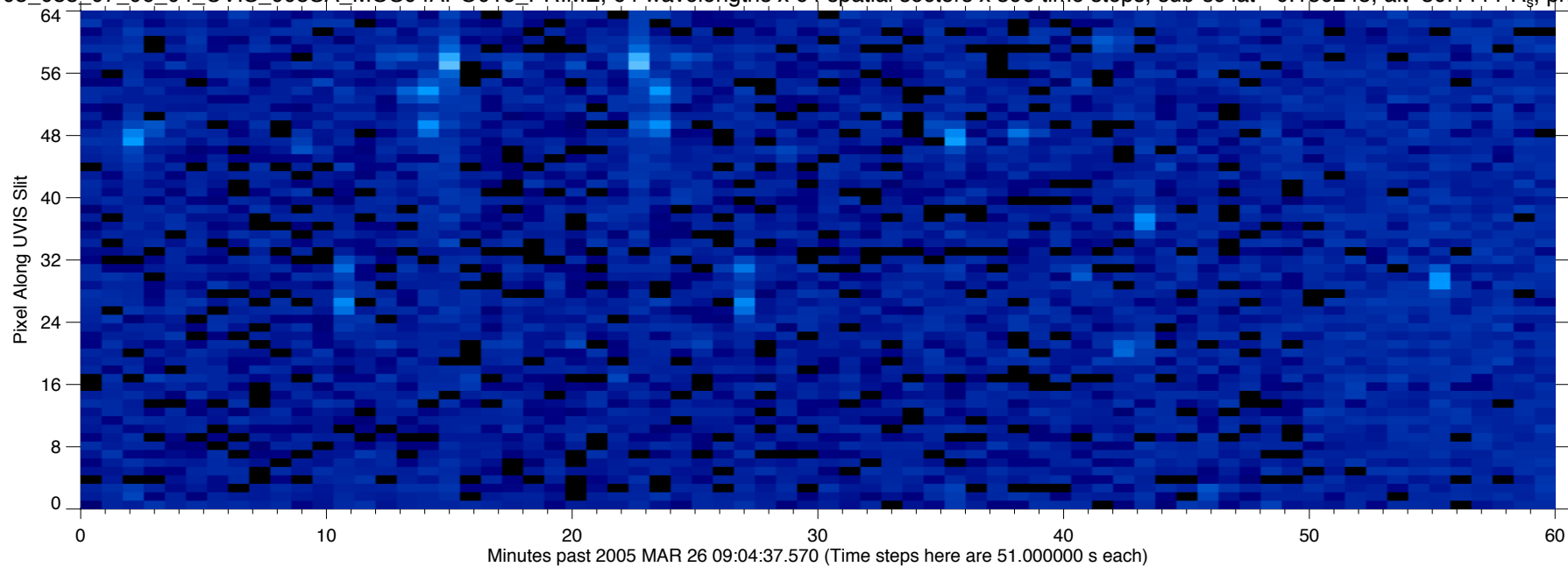
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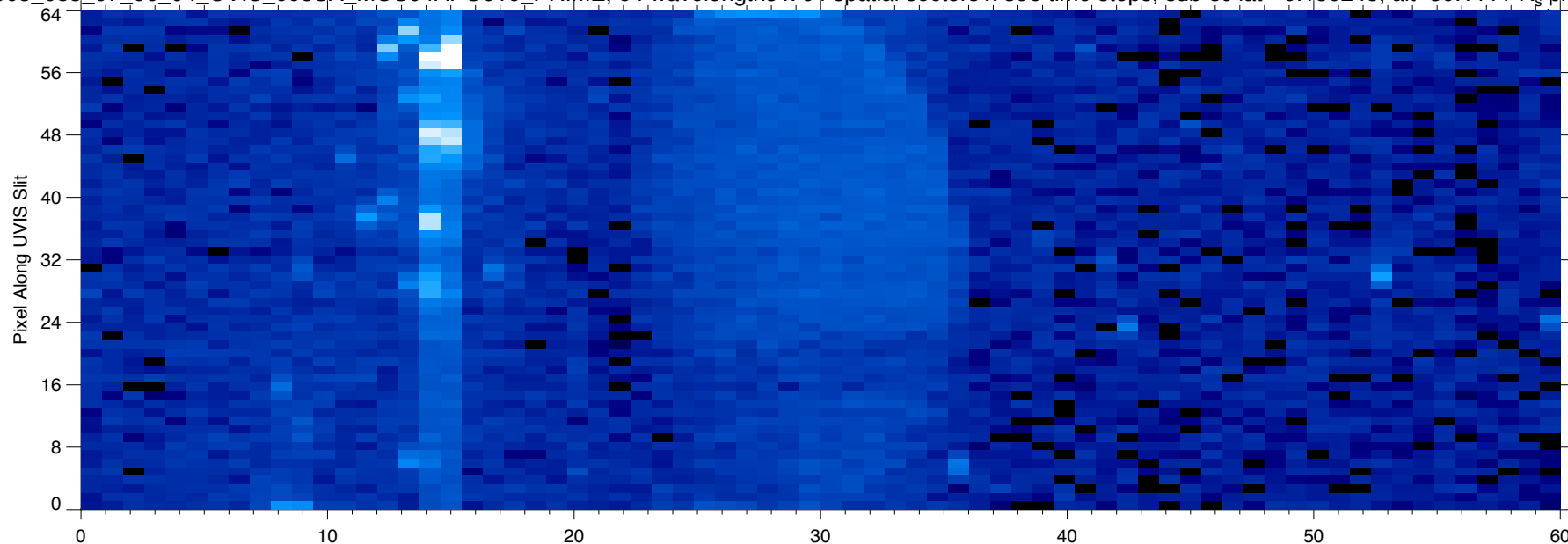
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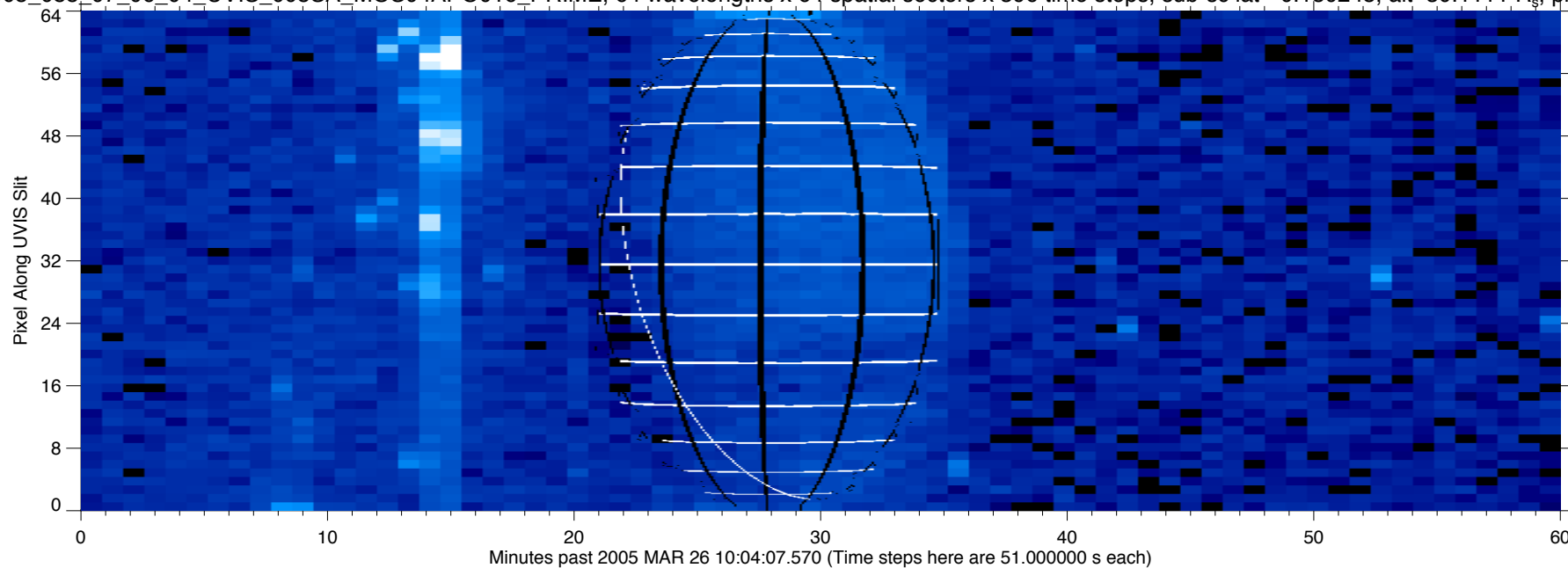
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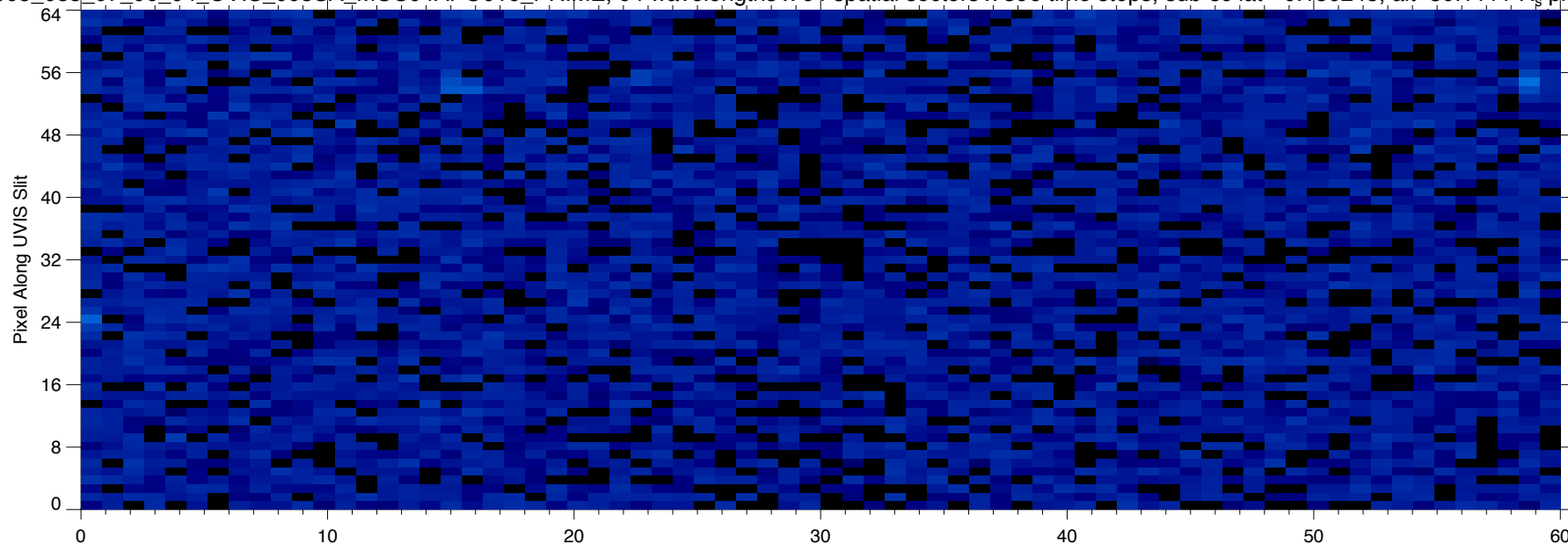
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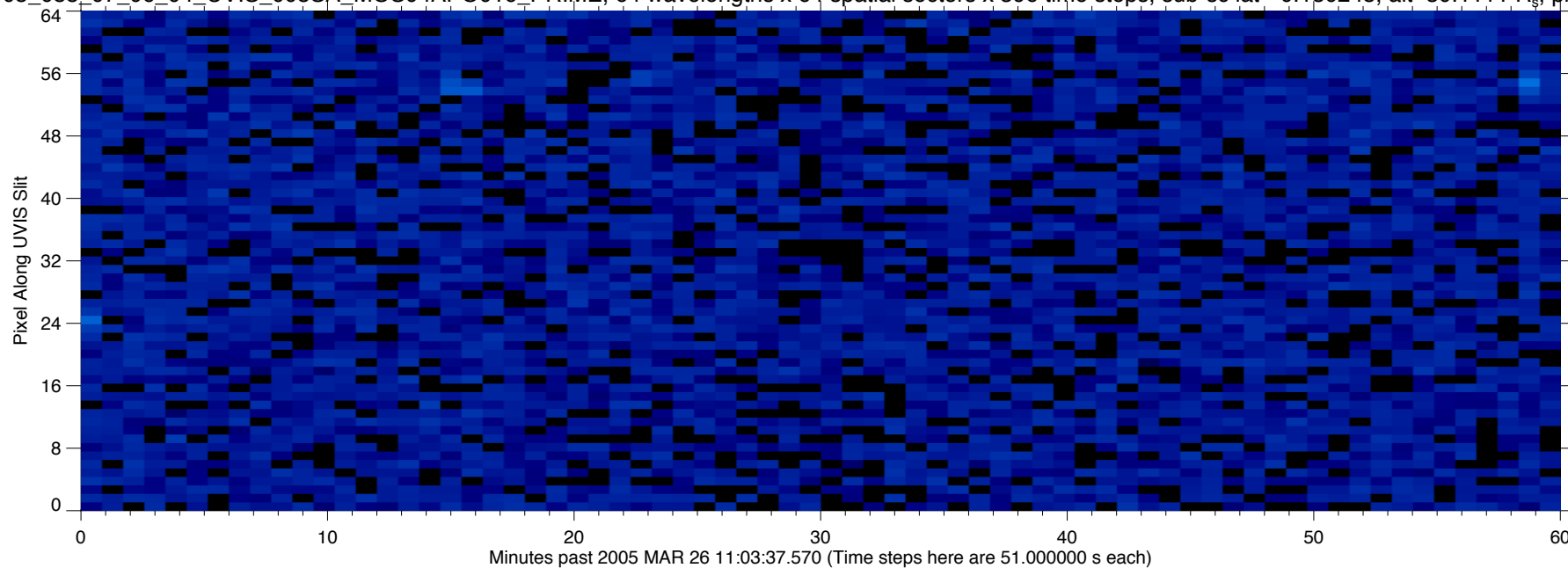
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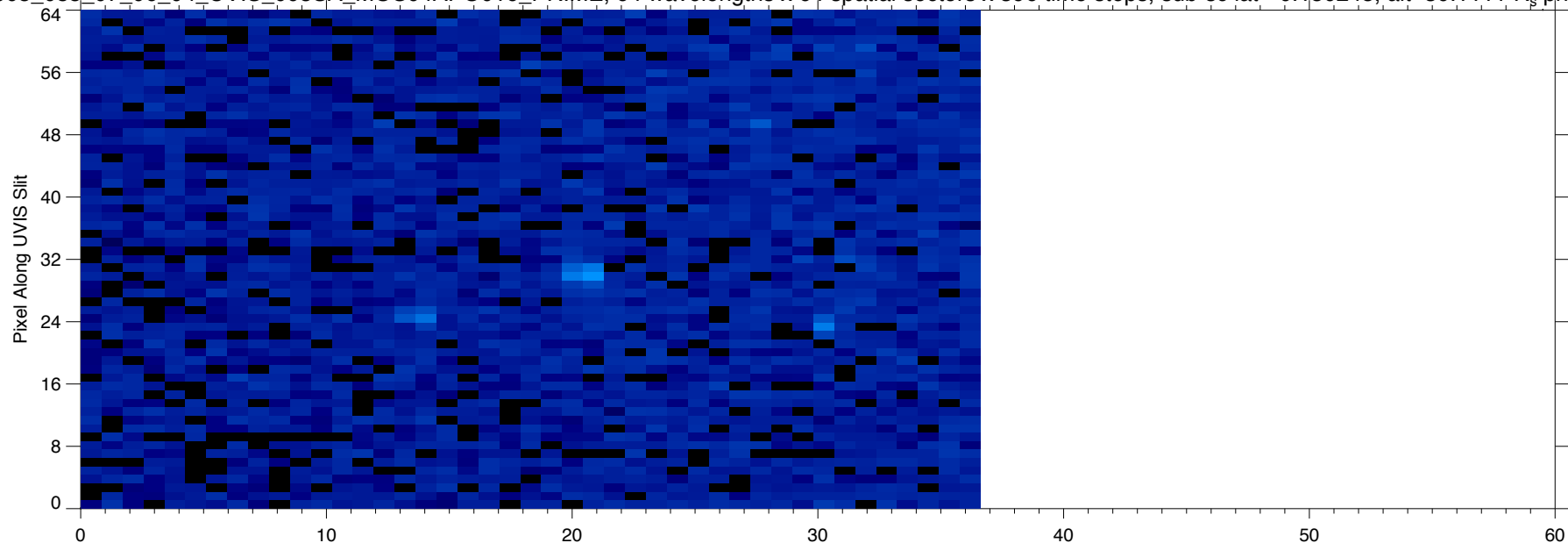
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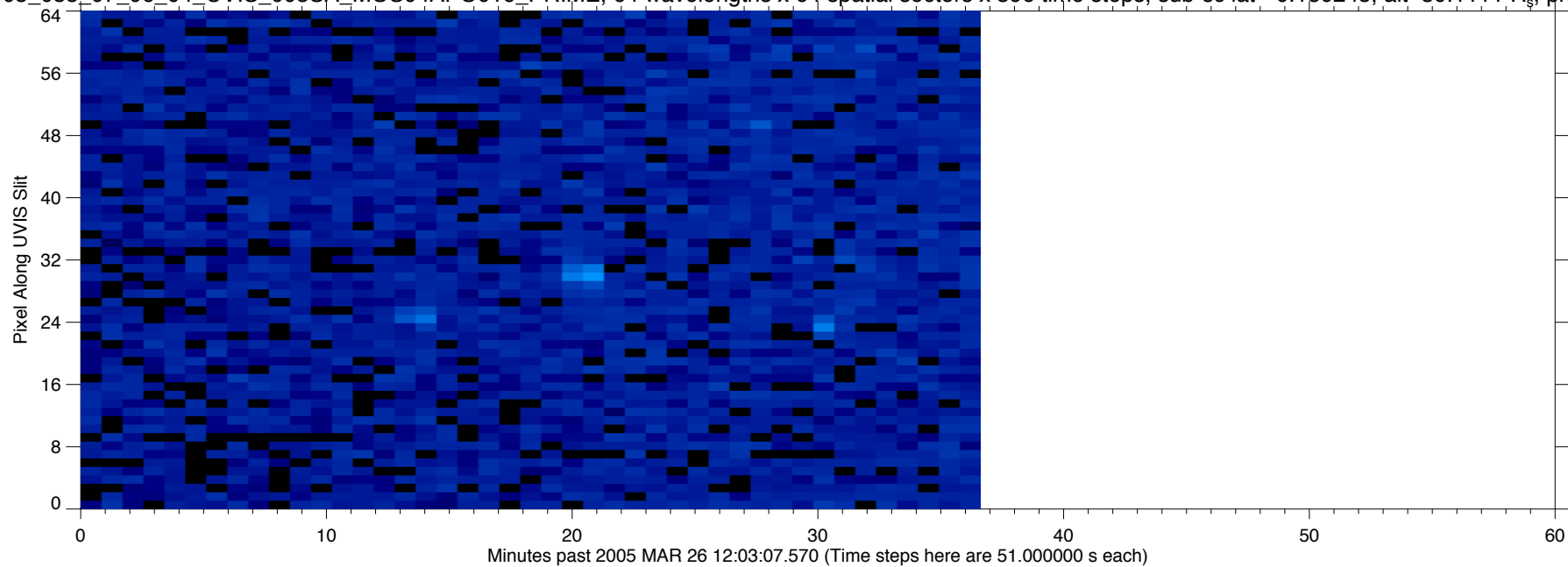
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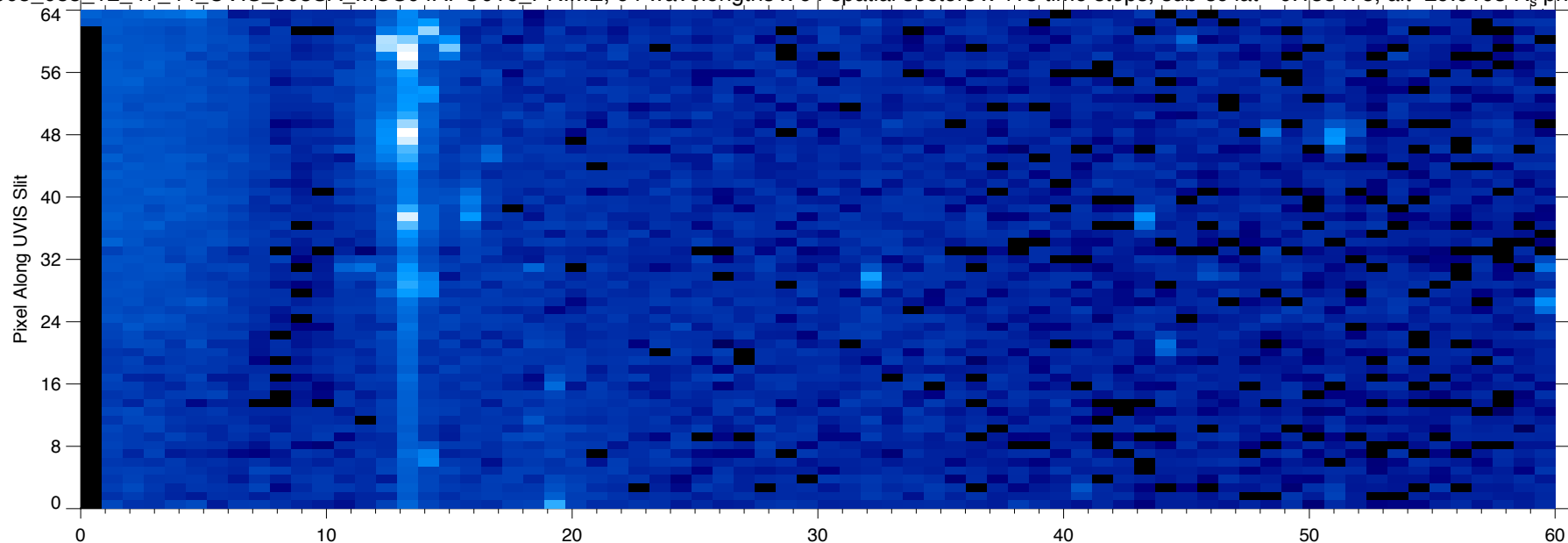
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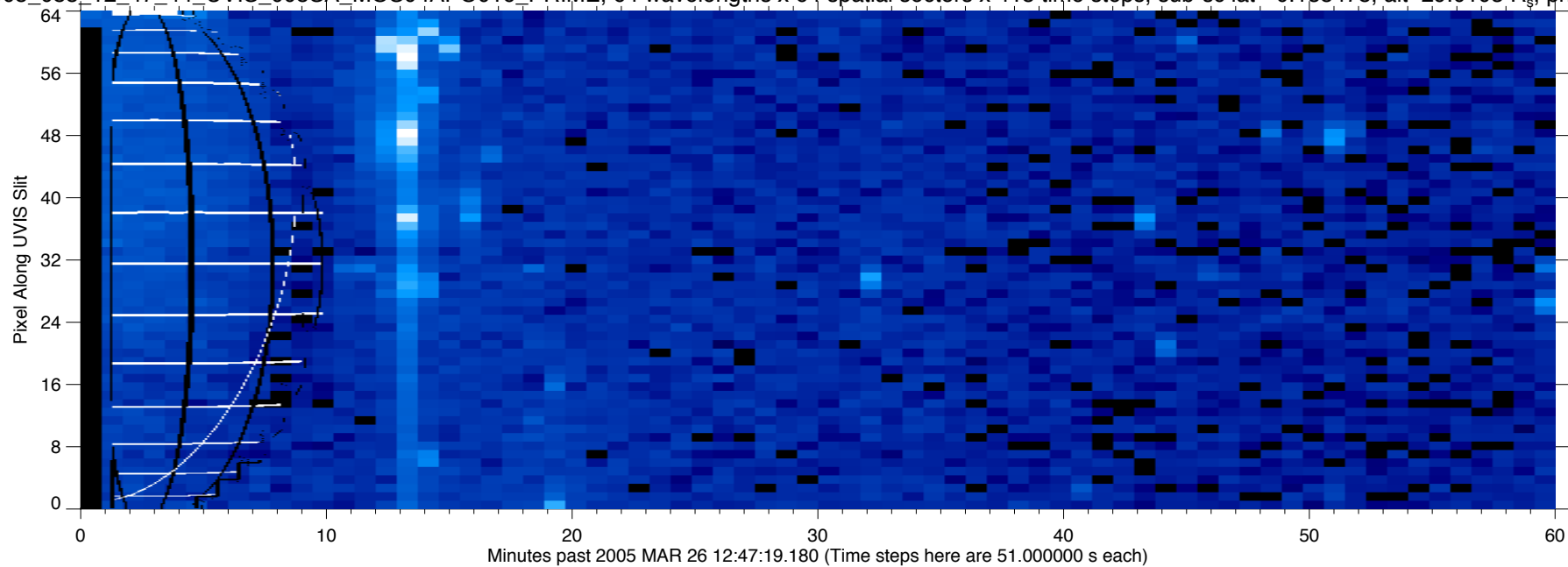
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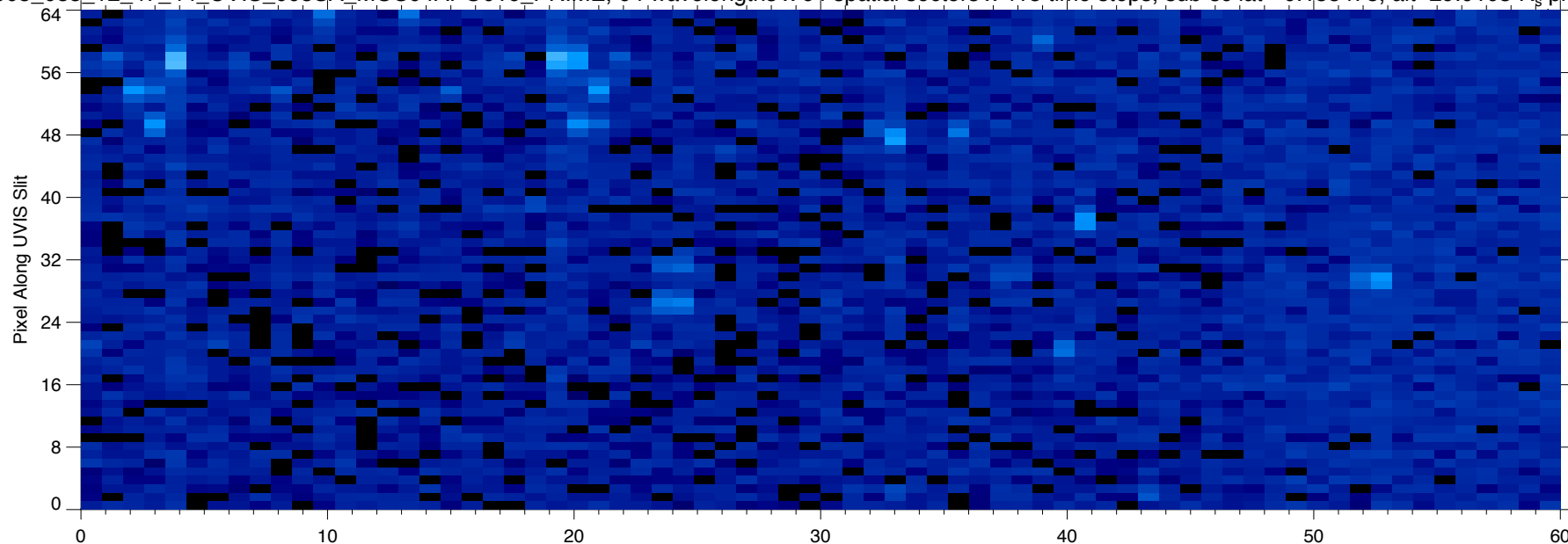
FUV2005_085_12_47_44_UVIS_005SA_MOS04APO016_PRIME, 64 wavelengths x 64 spatial sectors x 415 time steps, sub-sc lat=-0.155478, alt=29.0103 R_s, phase=44.9333



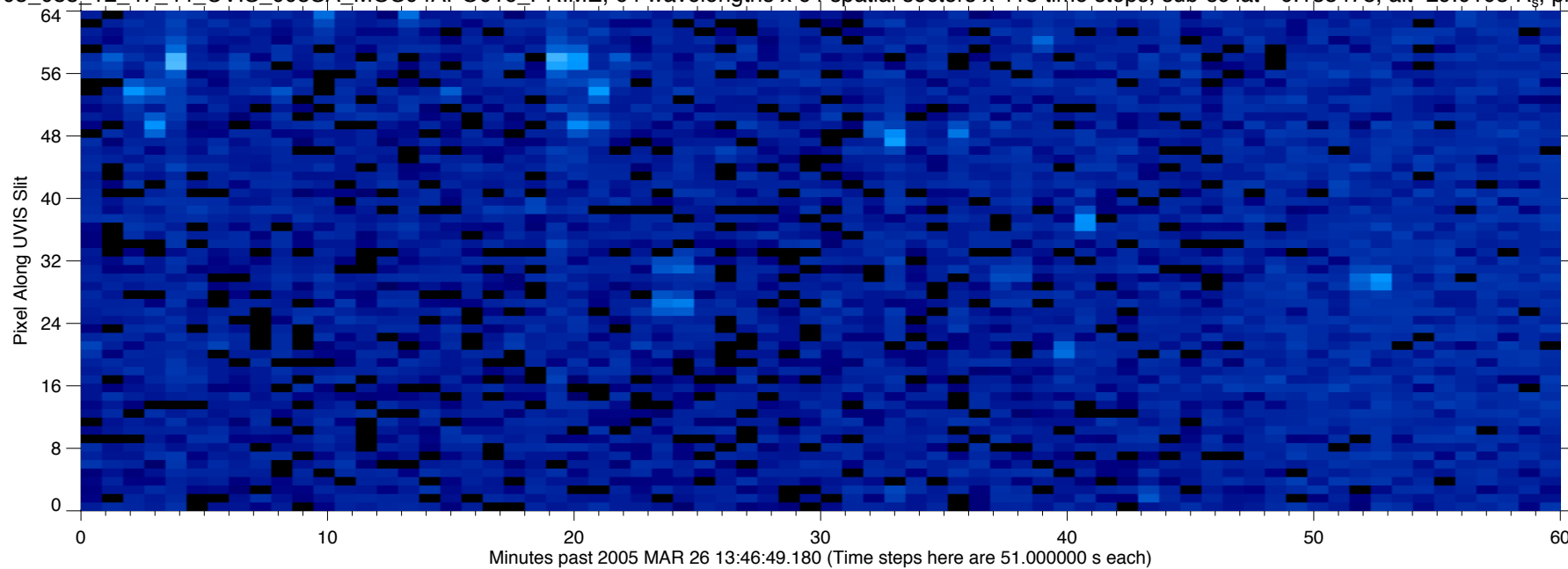
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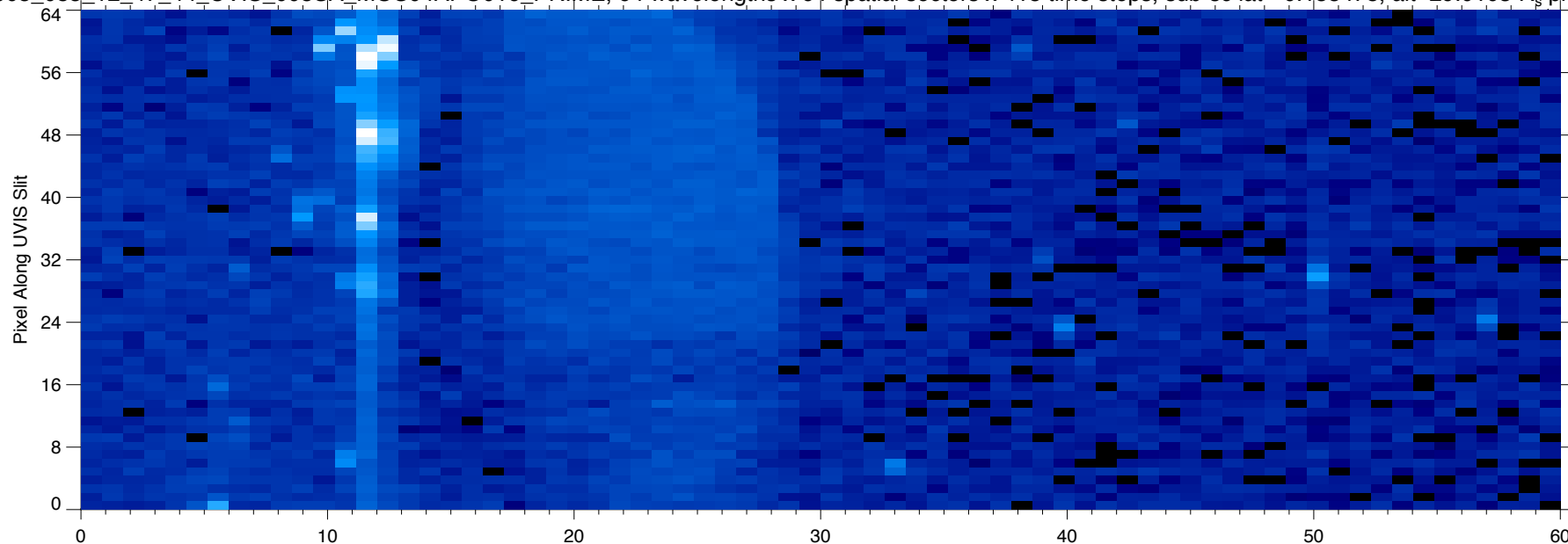
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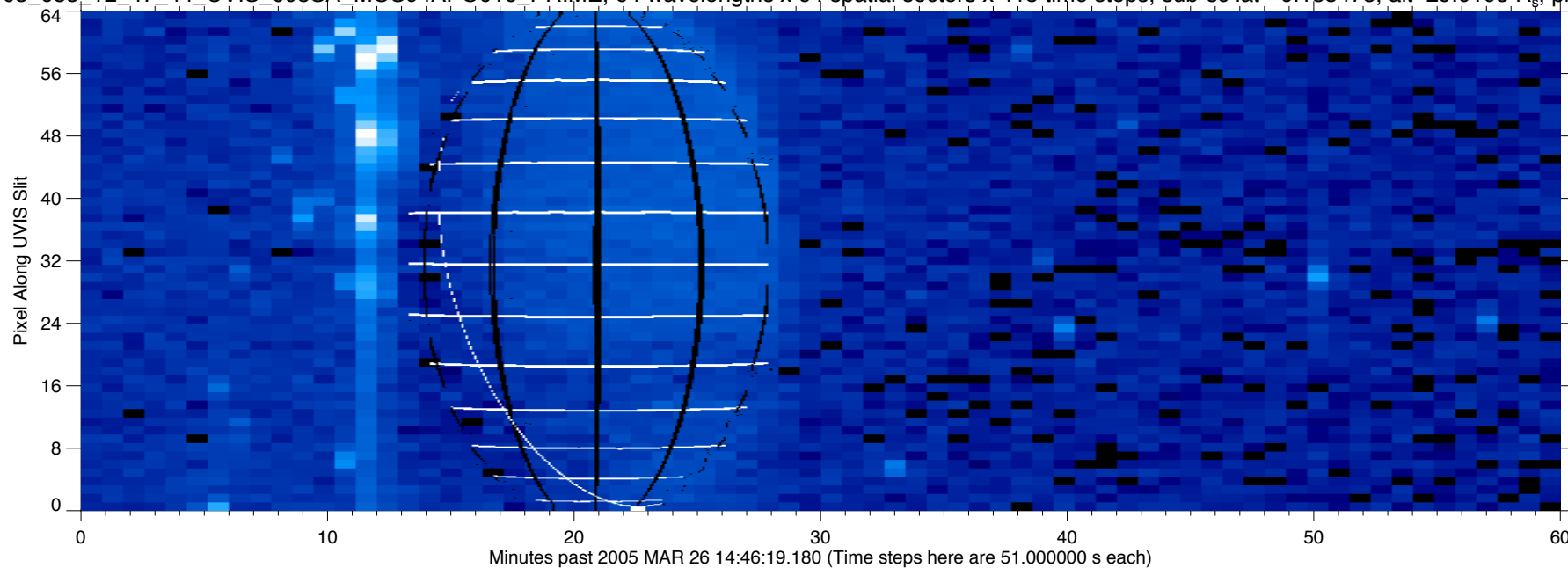
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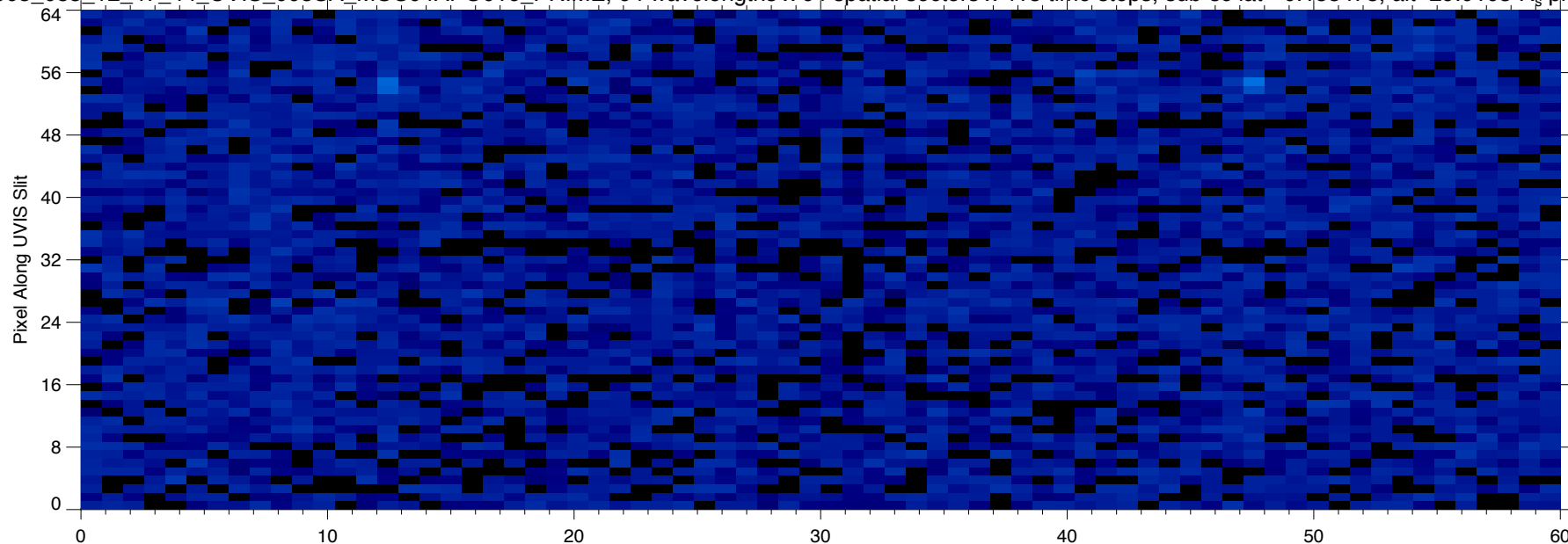
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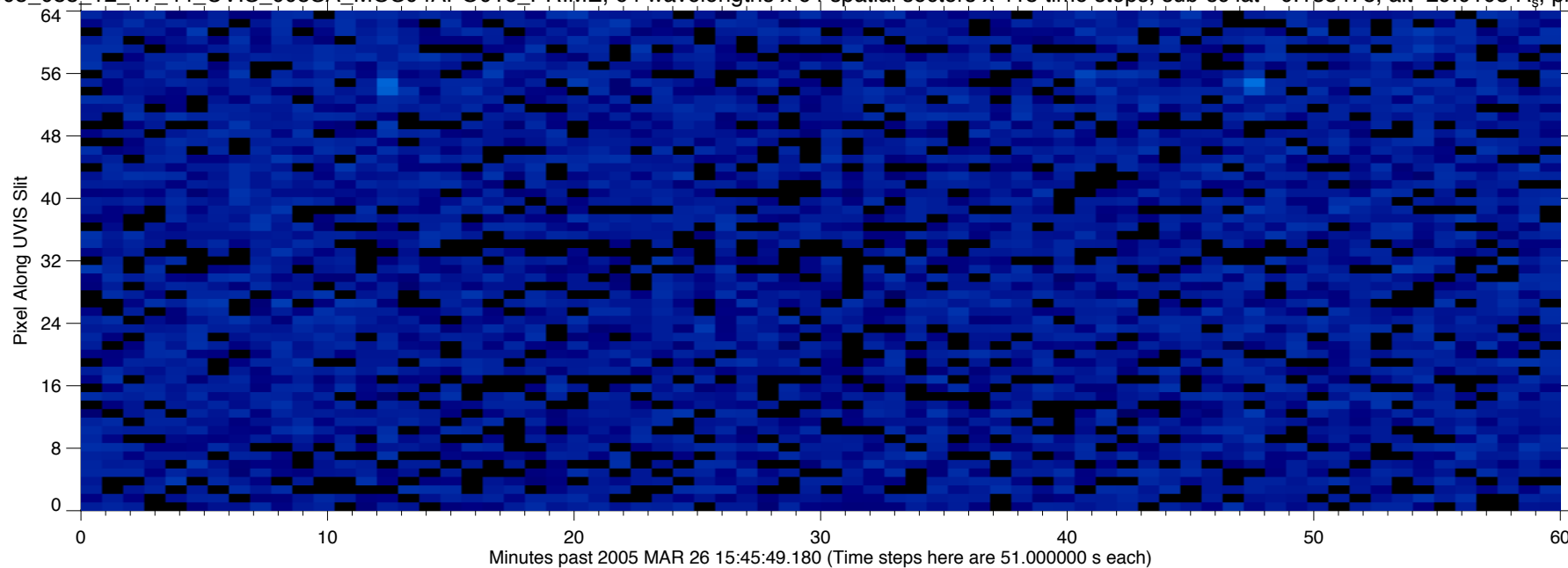
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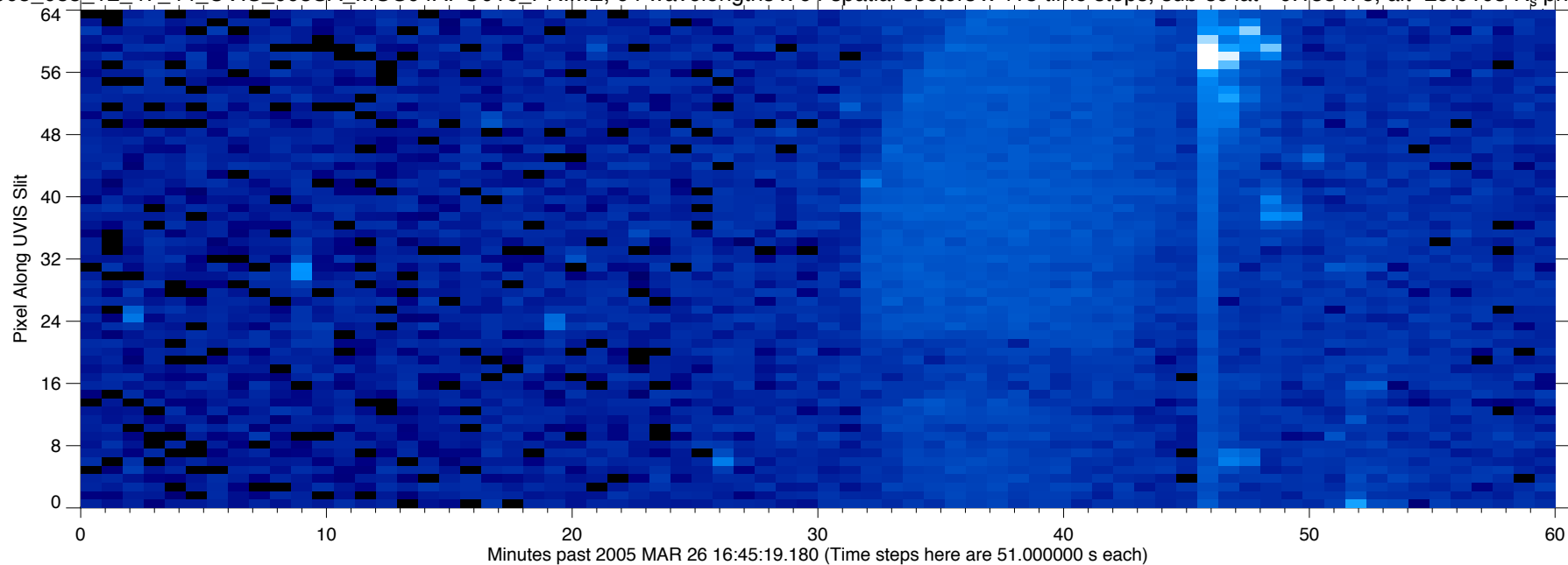
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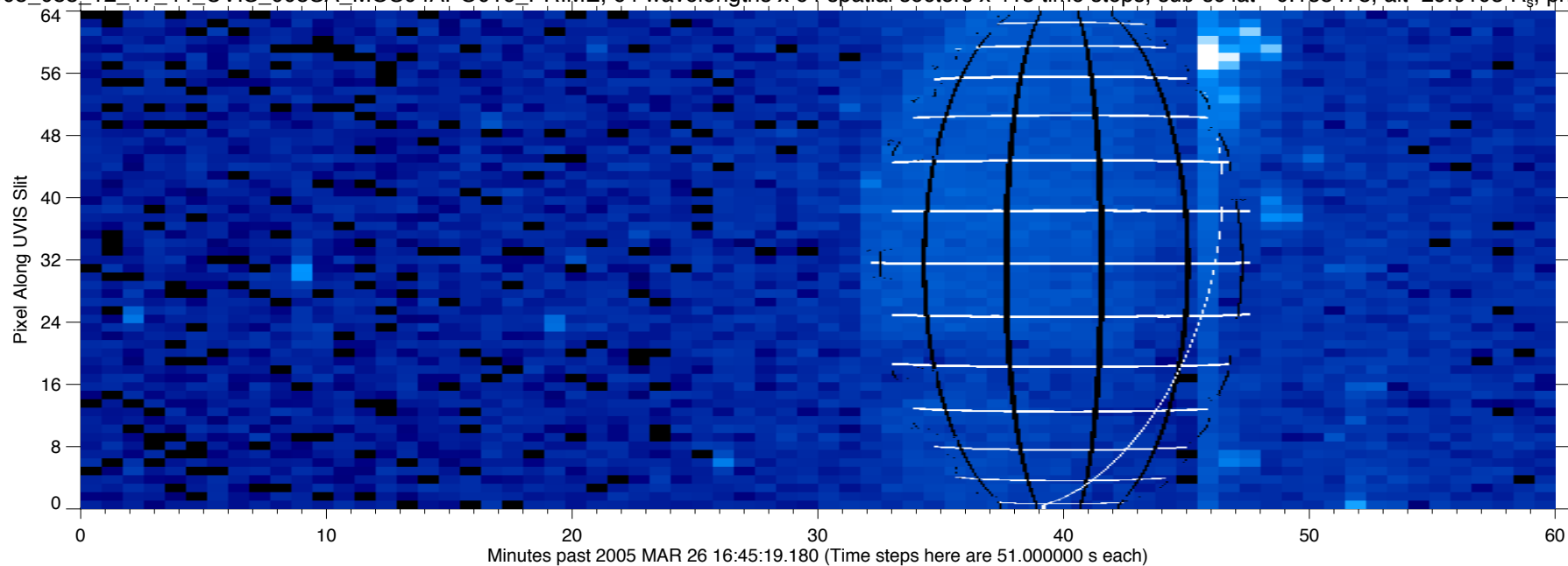
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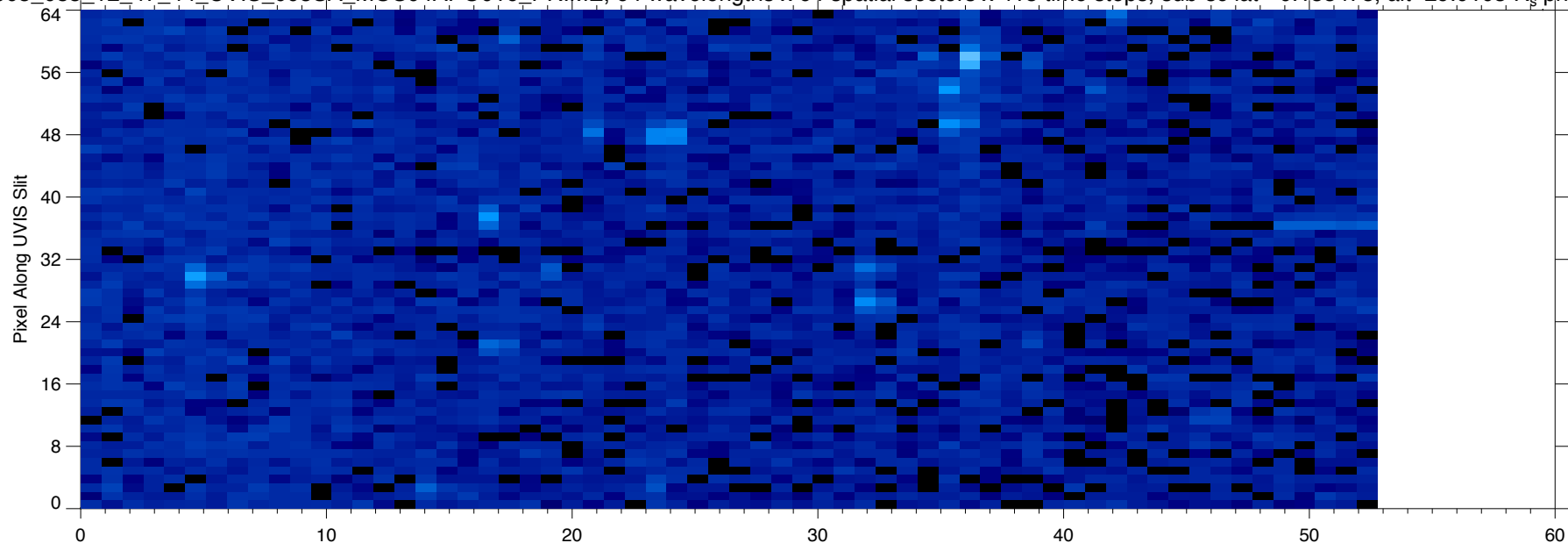
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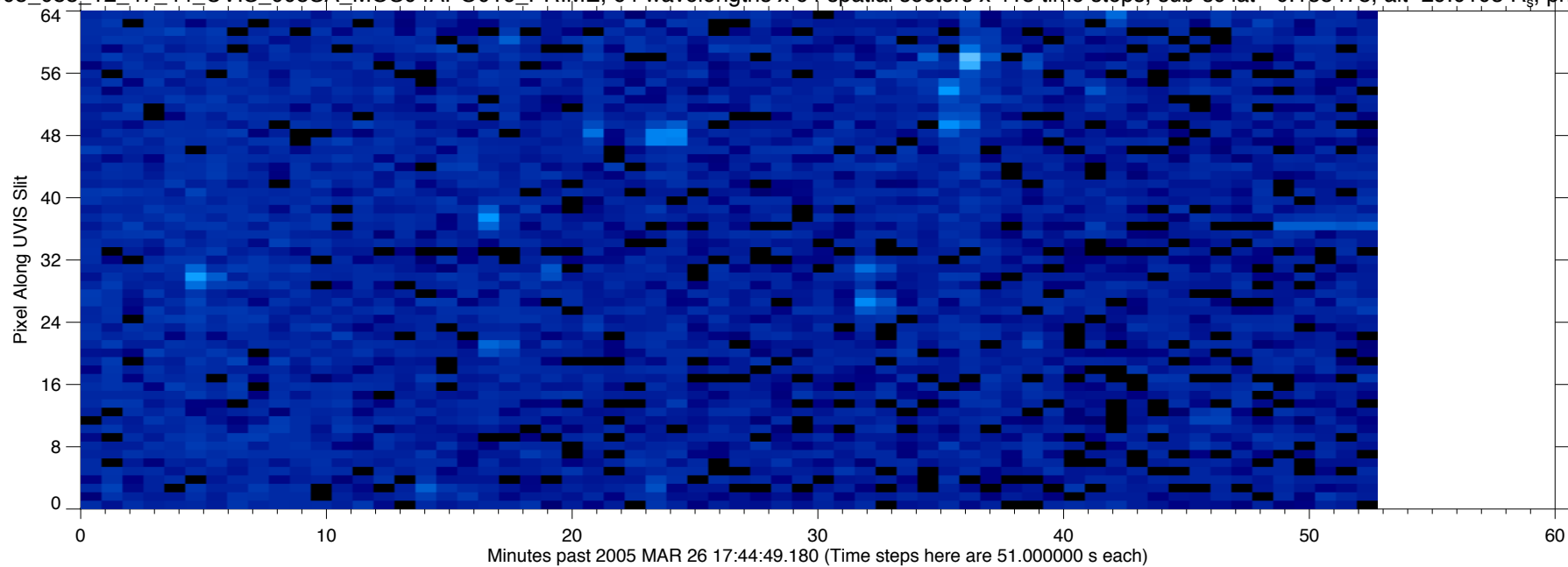
FUV2005_085_12_47_44_UVIS_005SA_MOS04APO016_PRIME, 64 wavelengths x 64 spatial sectors x 415 time steps, sub-sc lat=-0.155478, alt=29.0103 R_s phase=44.9333



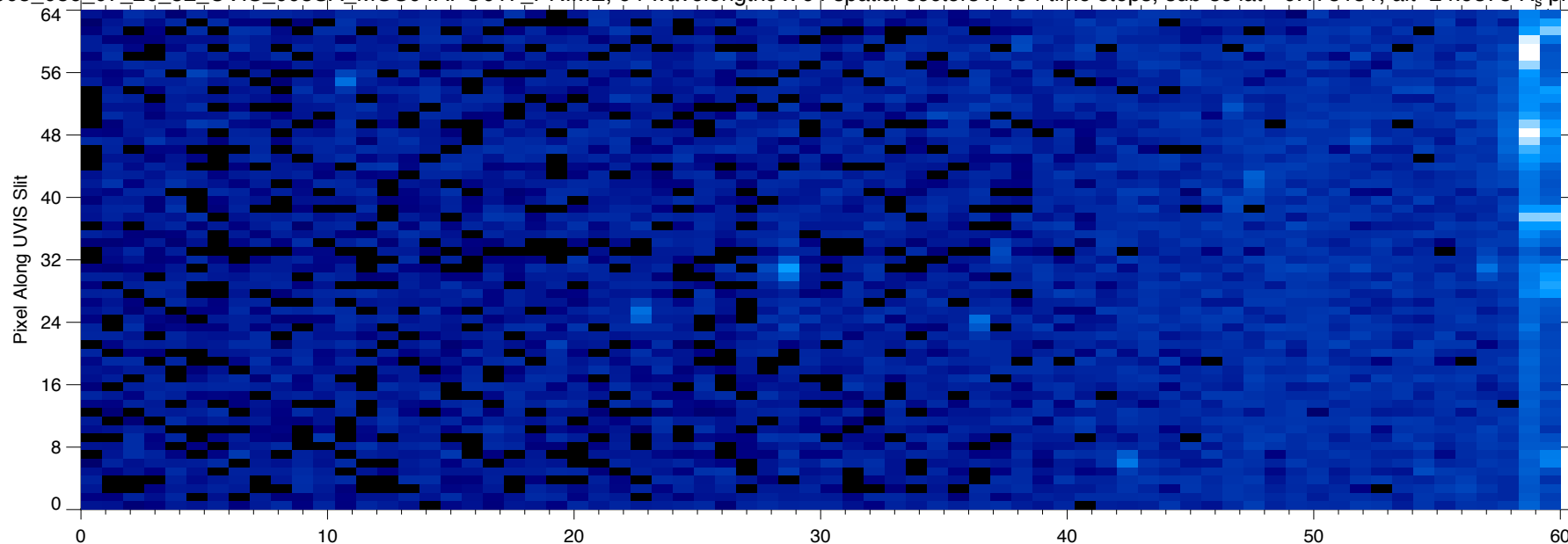
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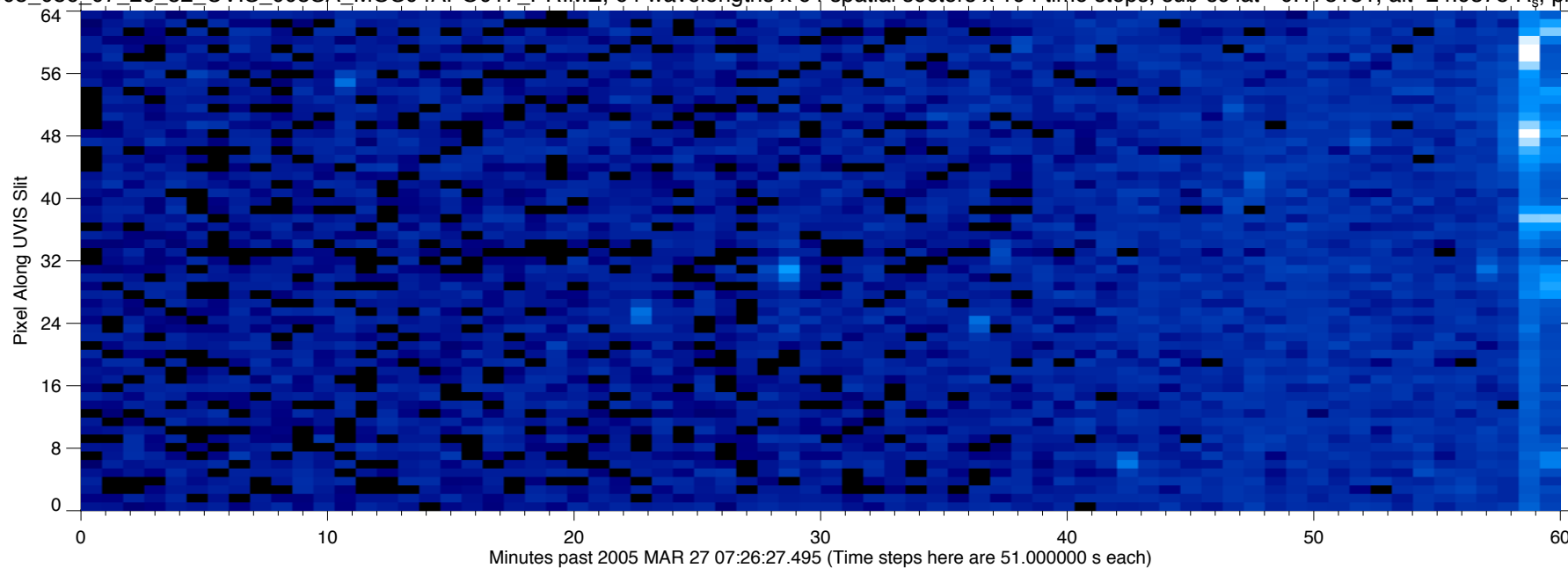
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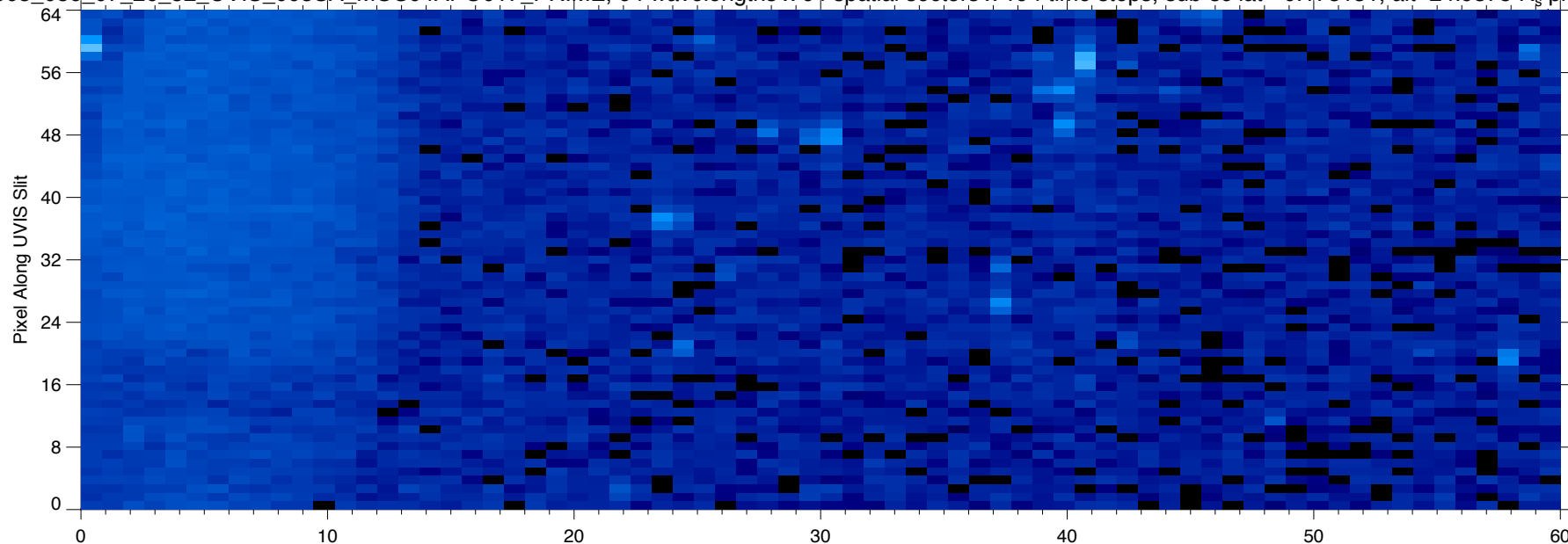
FUV2005_086_07_26_52_UVIS_005SA_MOS04APO017_PRIME, 64 wavelengths x 64 spatial sectors x 194 time steps, sub-sc lat=-0.175131, alt=24.9378 R_s, phase=40.6129



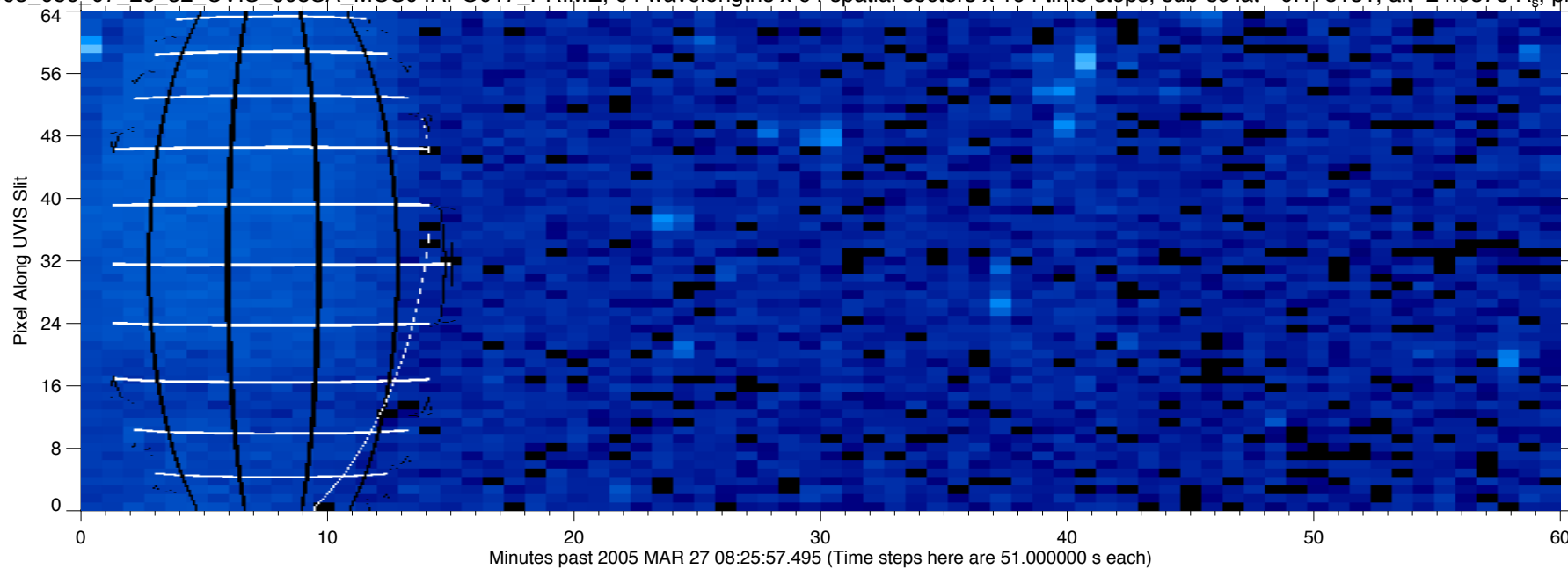
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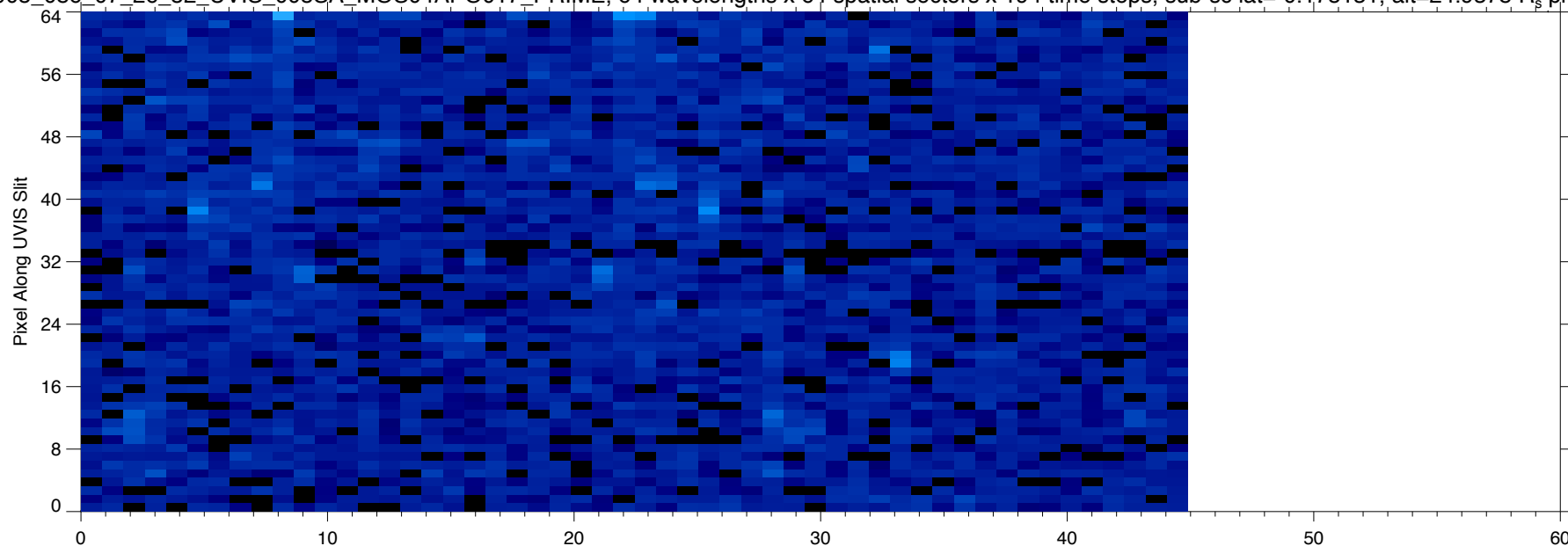
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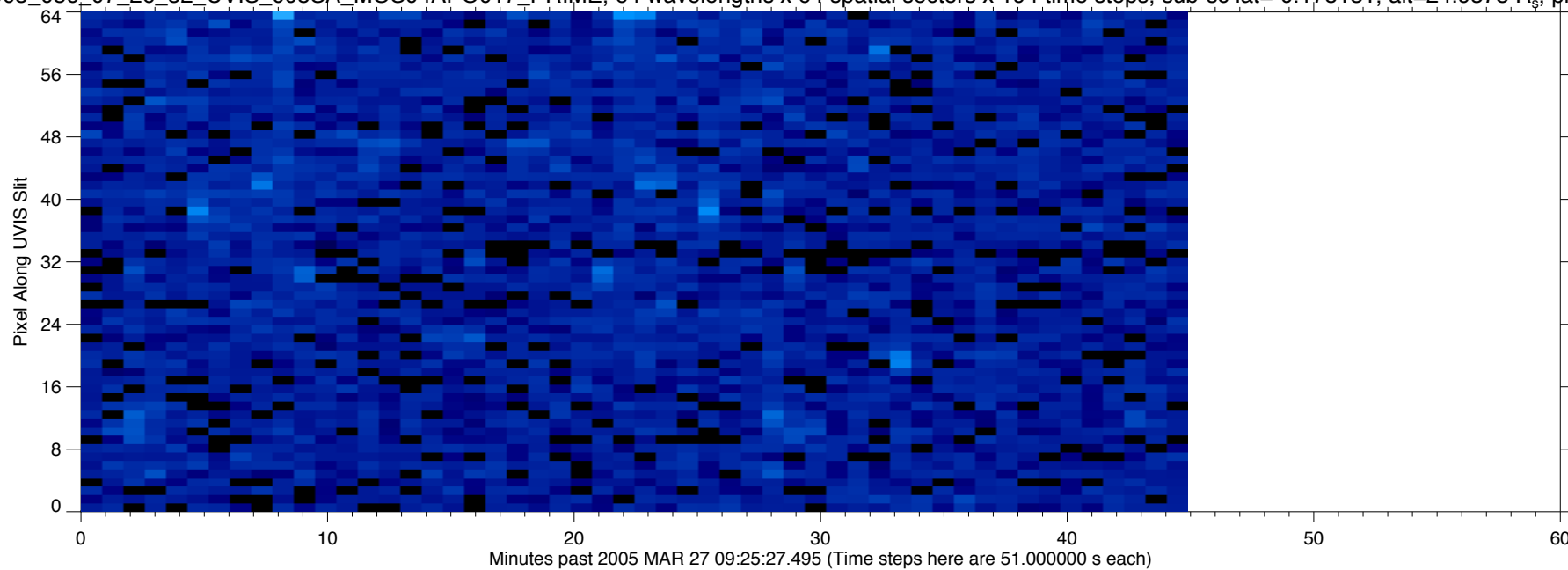
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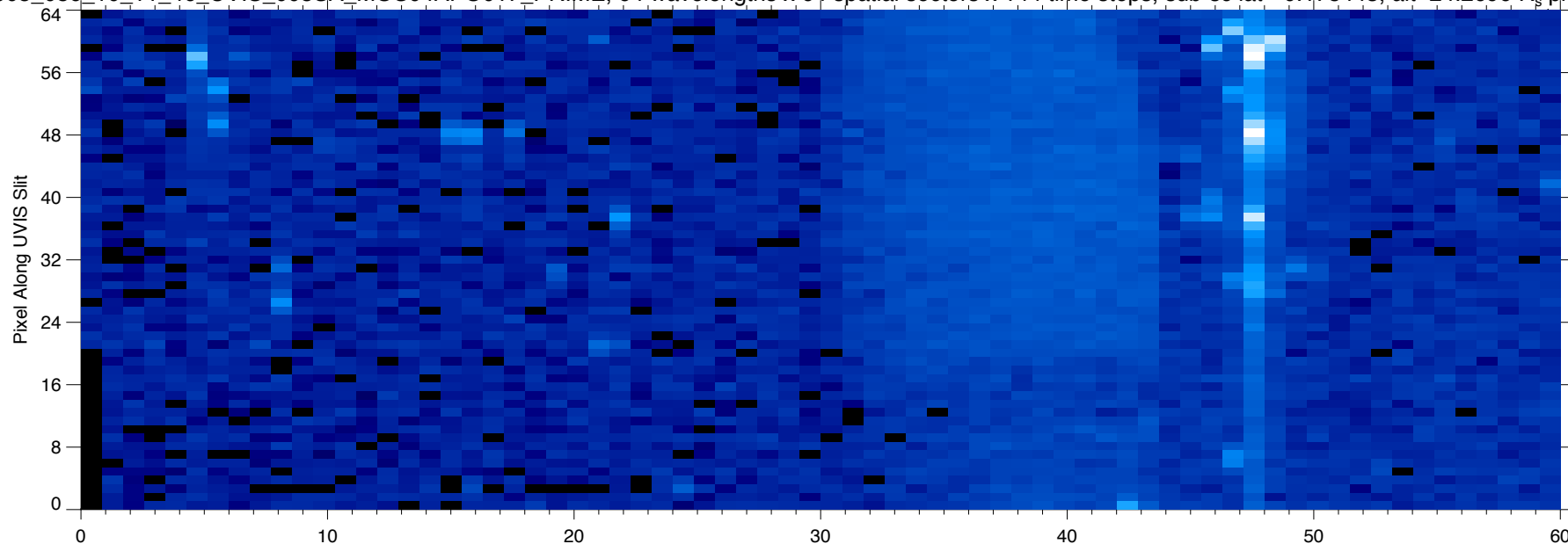
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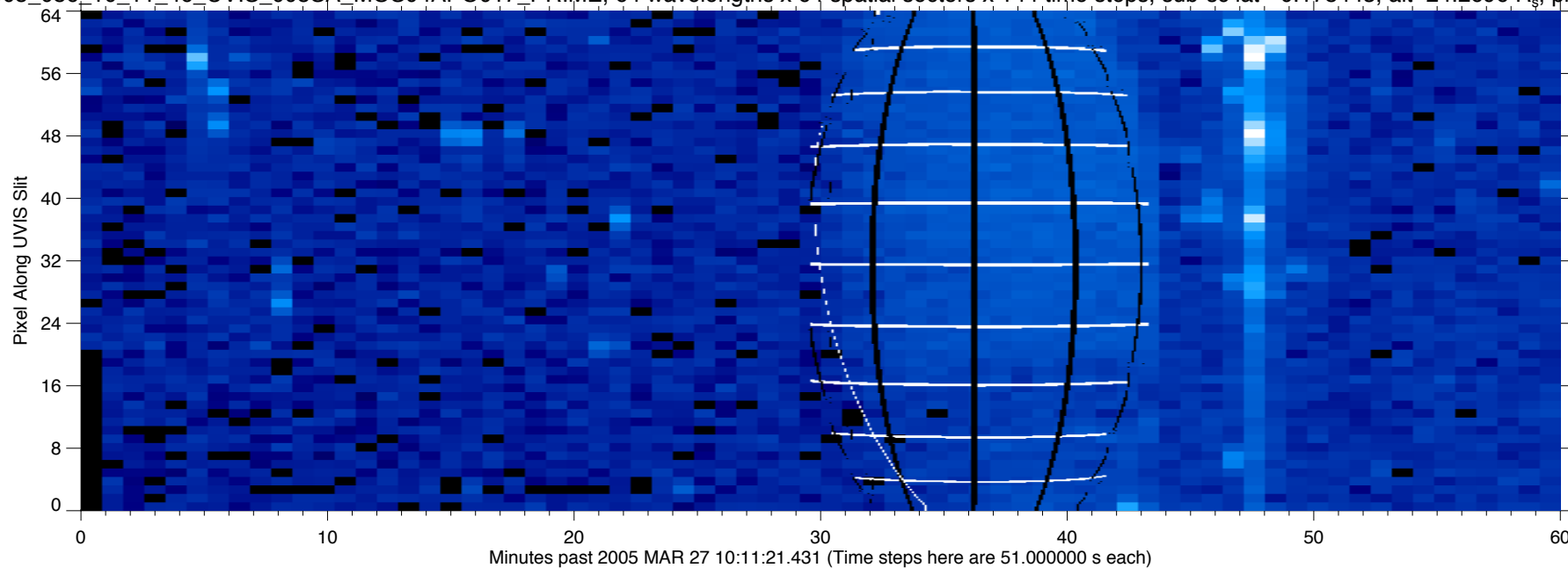
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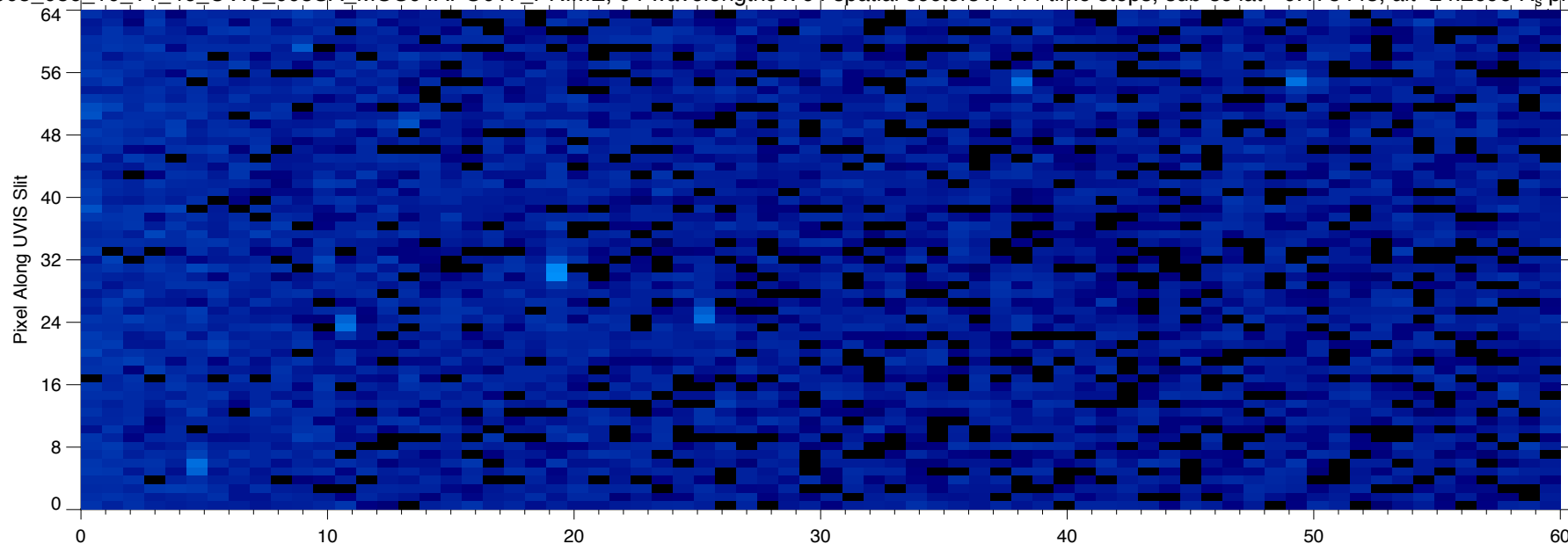
FUV2005_086_10_11_46_UVIS_005SA_MOS04APO017_PRIME, 64 wavelengths x 64 spatial sectors x 144 time steps, sub-sc lat=-0.178443, alt=24.2696 R_s, phase=39.8699



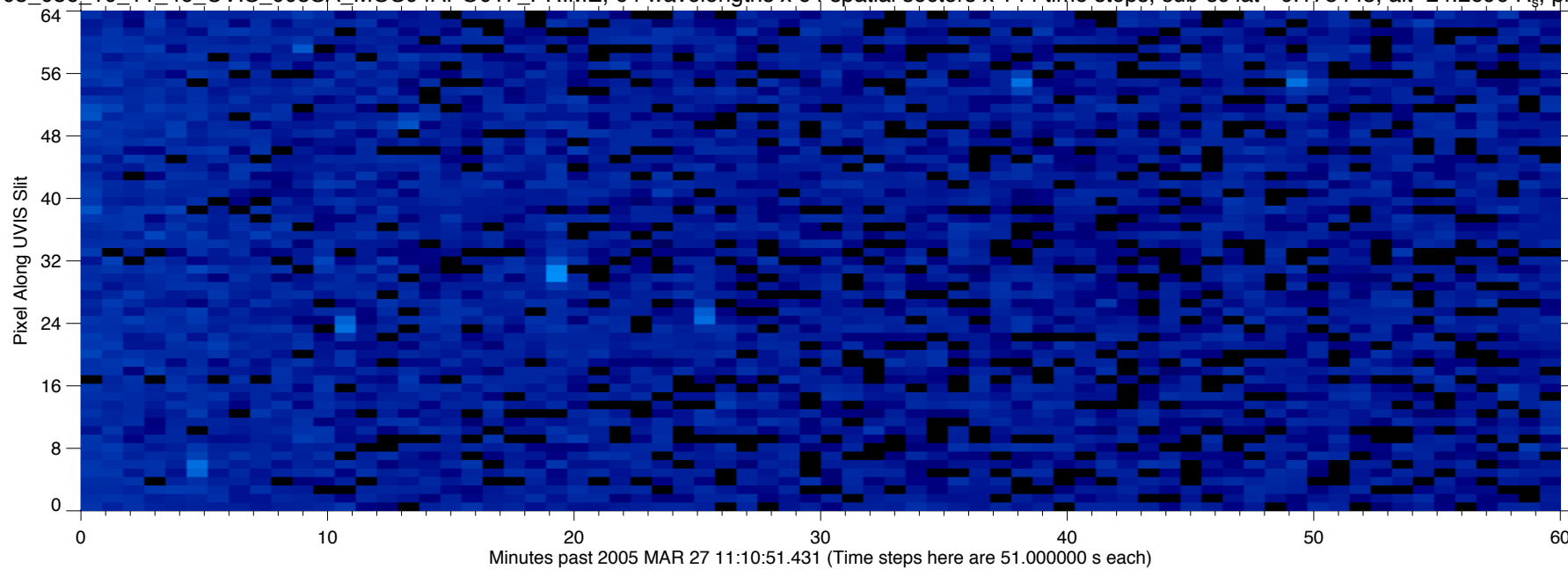
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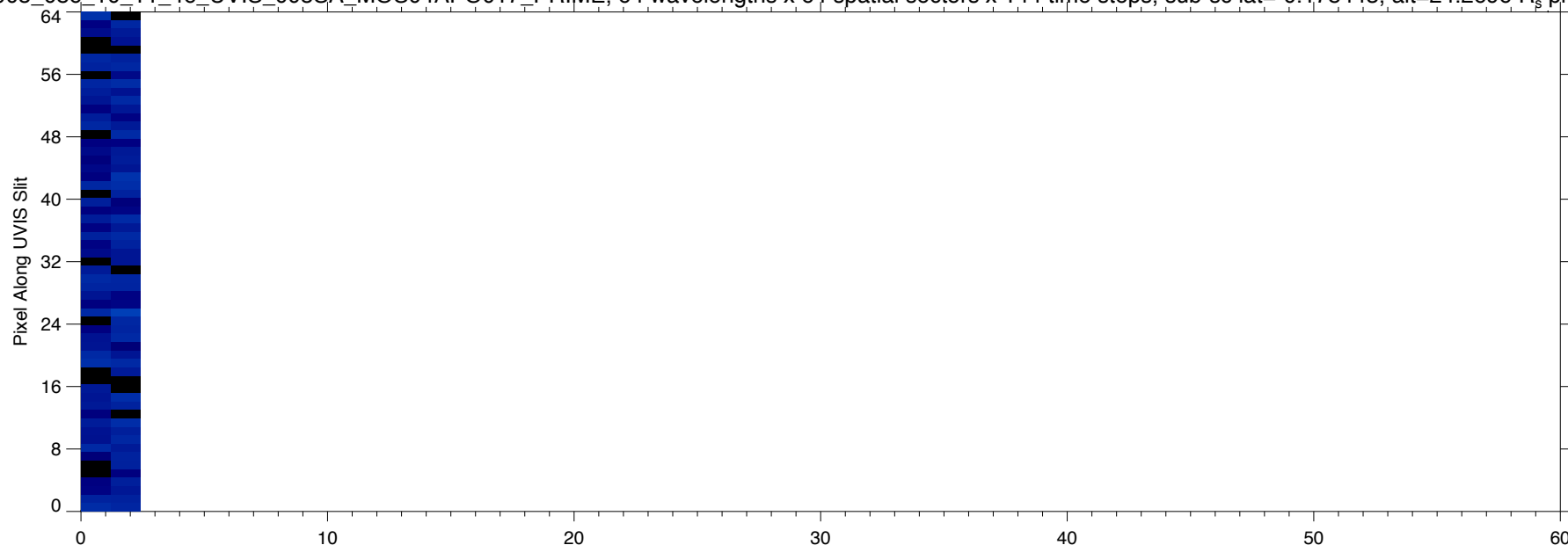
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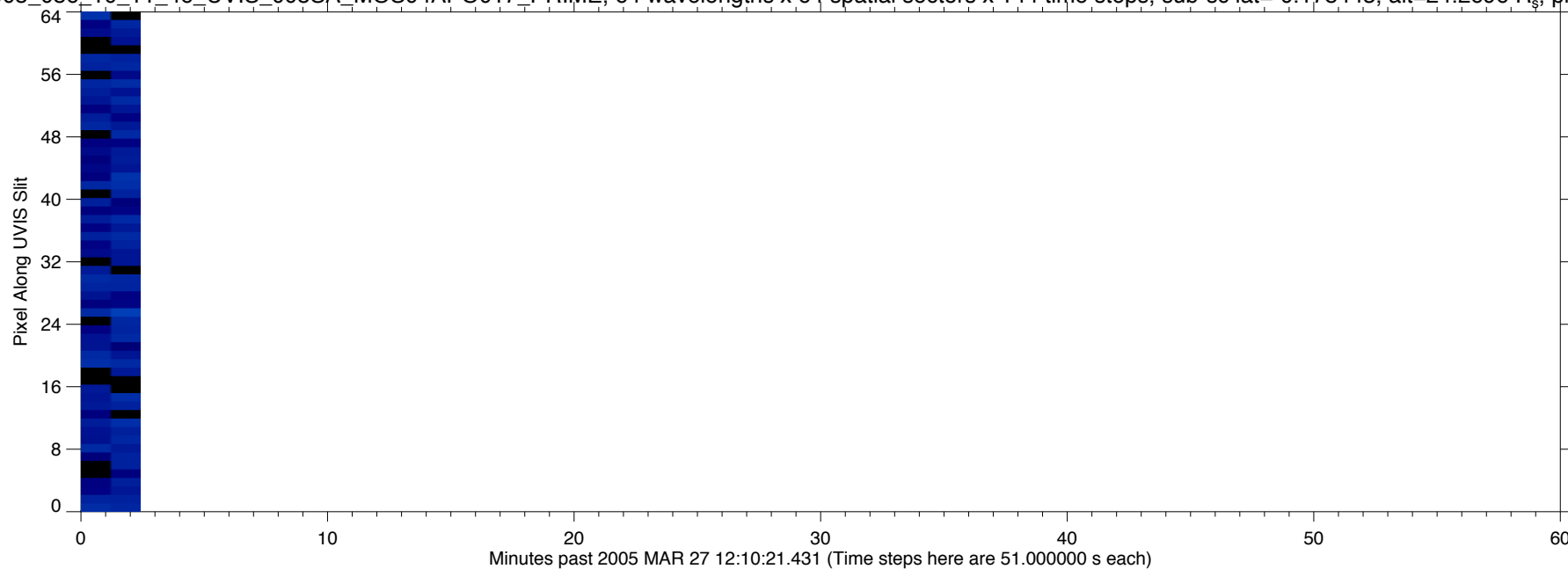
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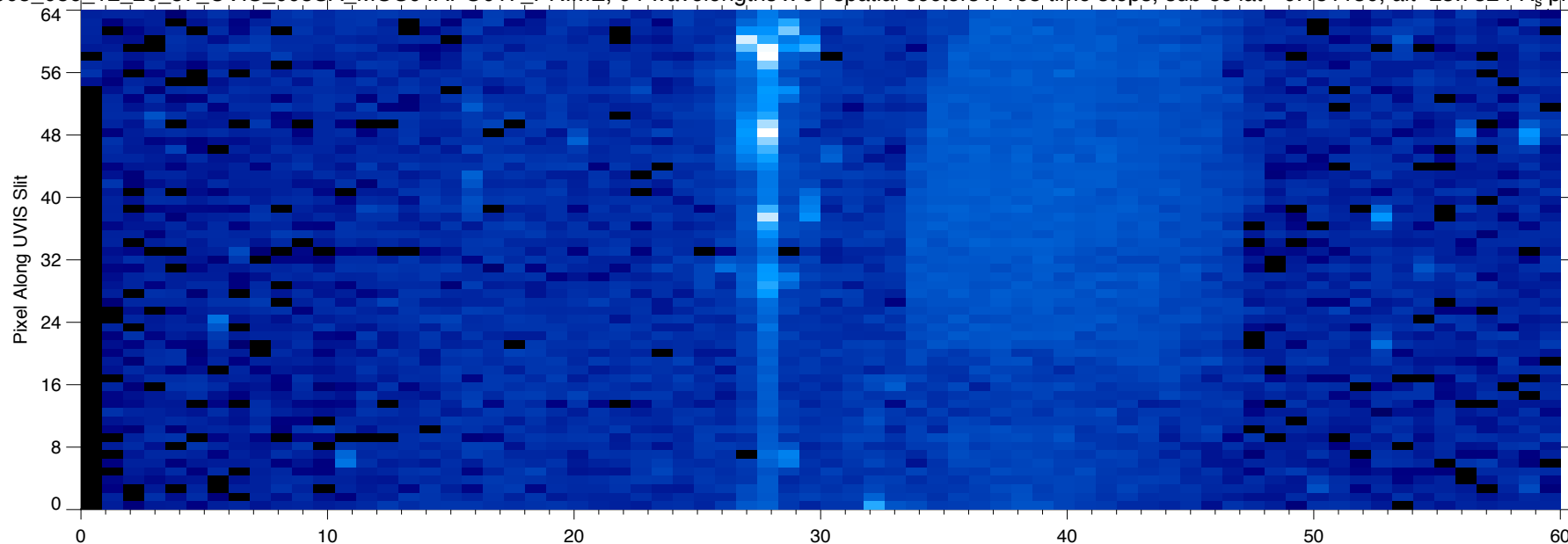
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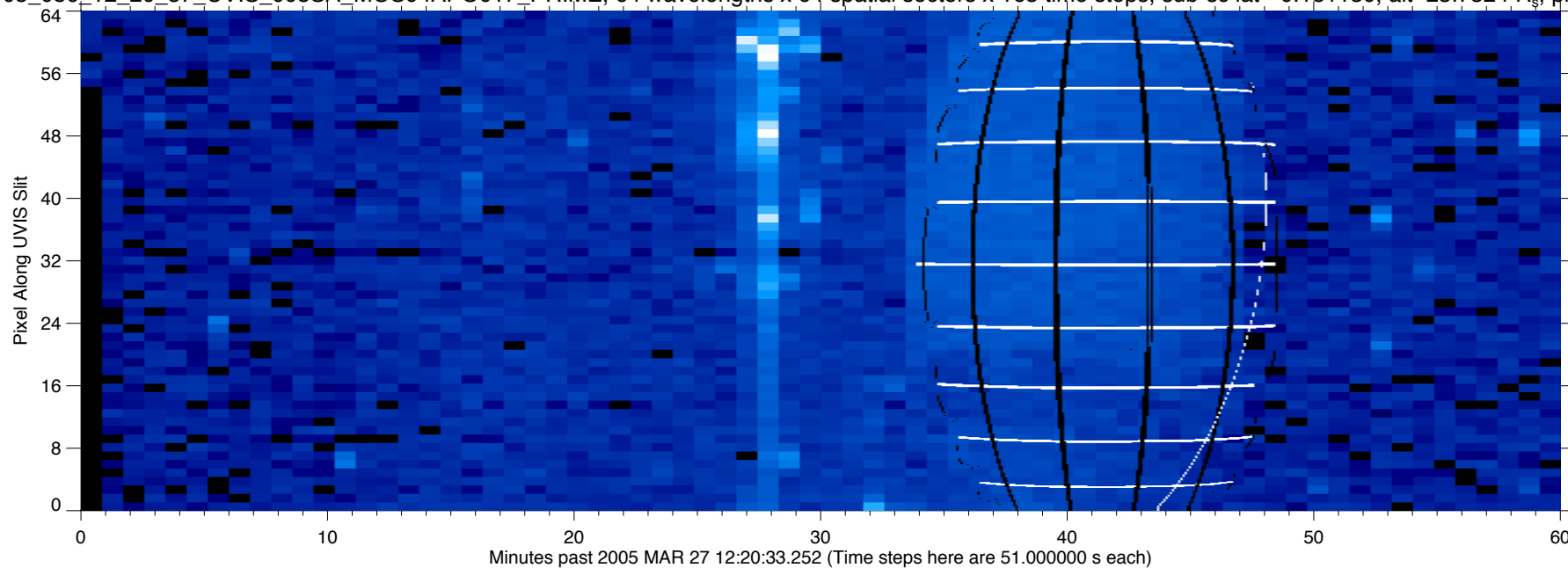
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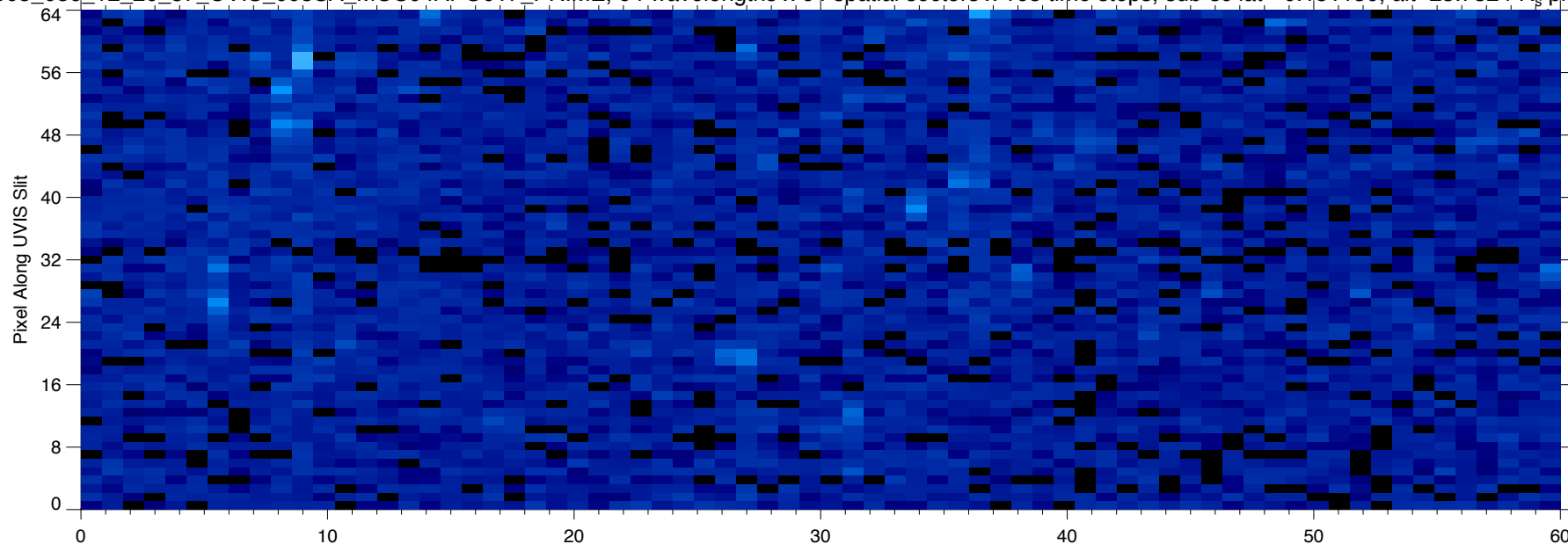
FUV2005_086_12_20_57_UVIS_005SA_MOS04APO017_PRIME, 64 wavelengths x 64 spatial sectors x 165 time steps, sub-sc lat=-0.181130, alt=23.7324 R_s, phase=39.2636



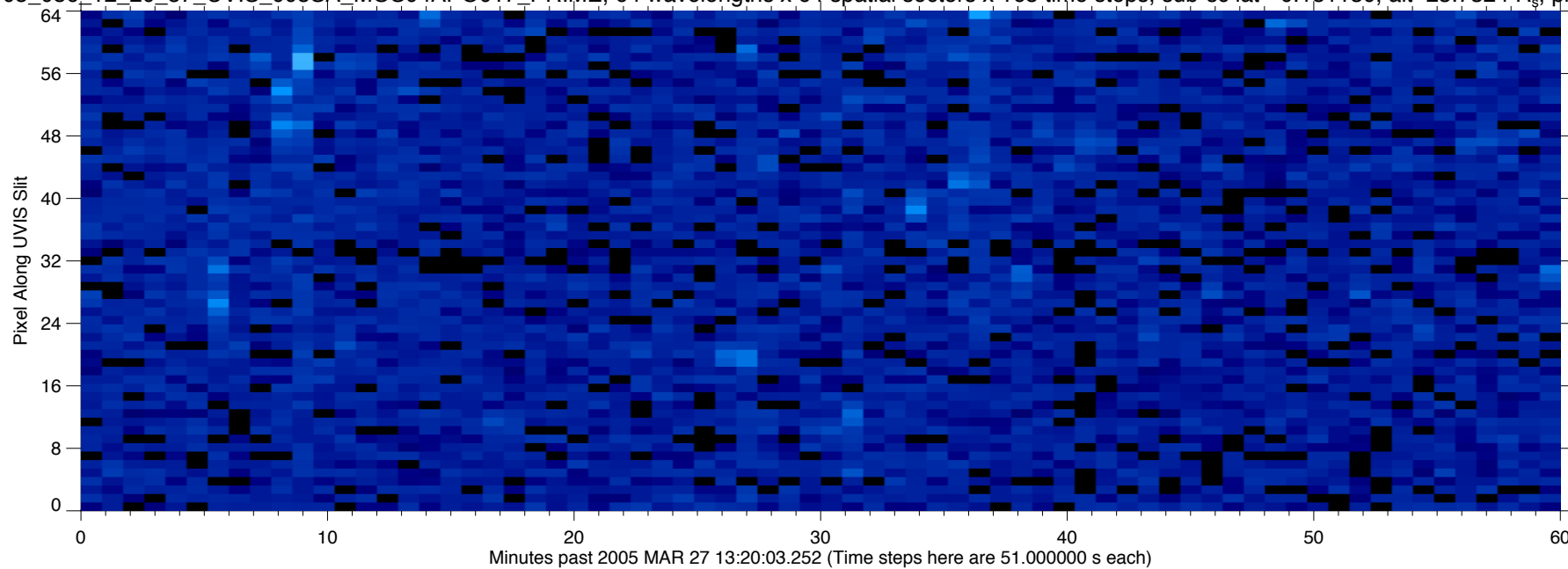
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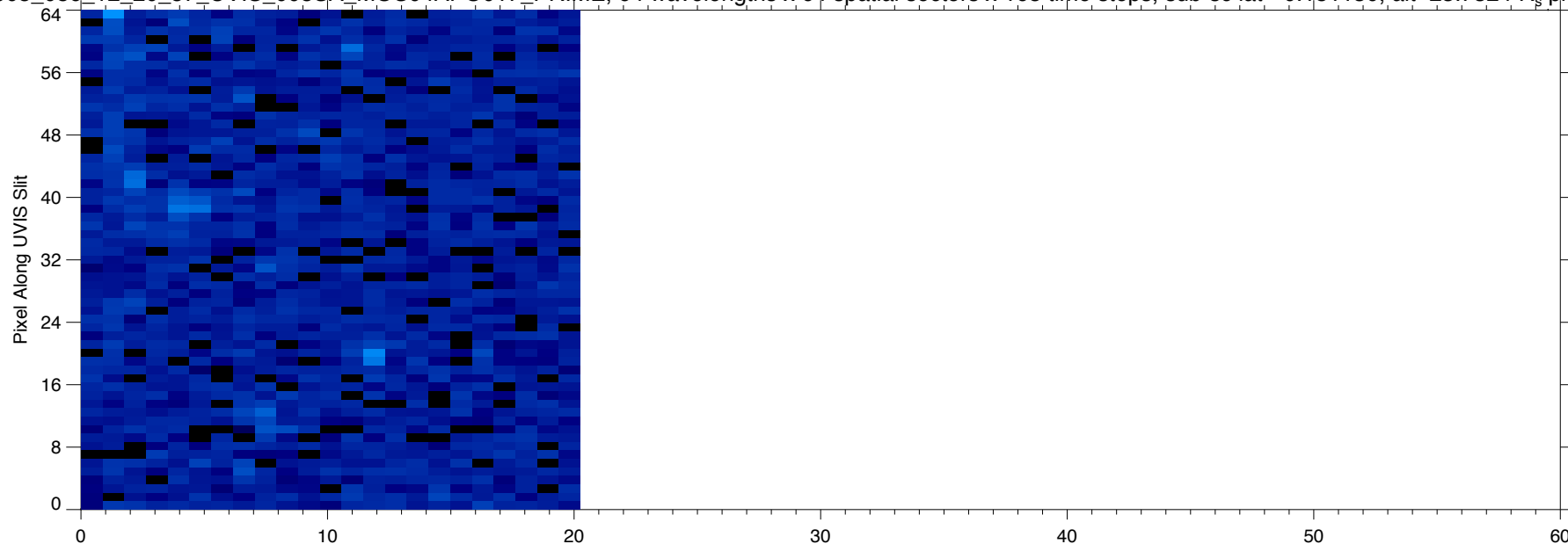
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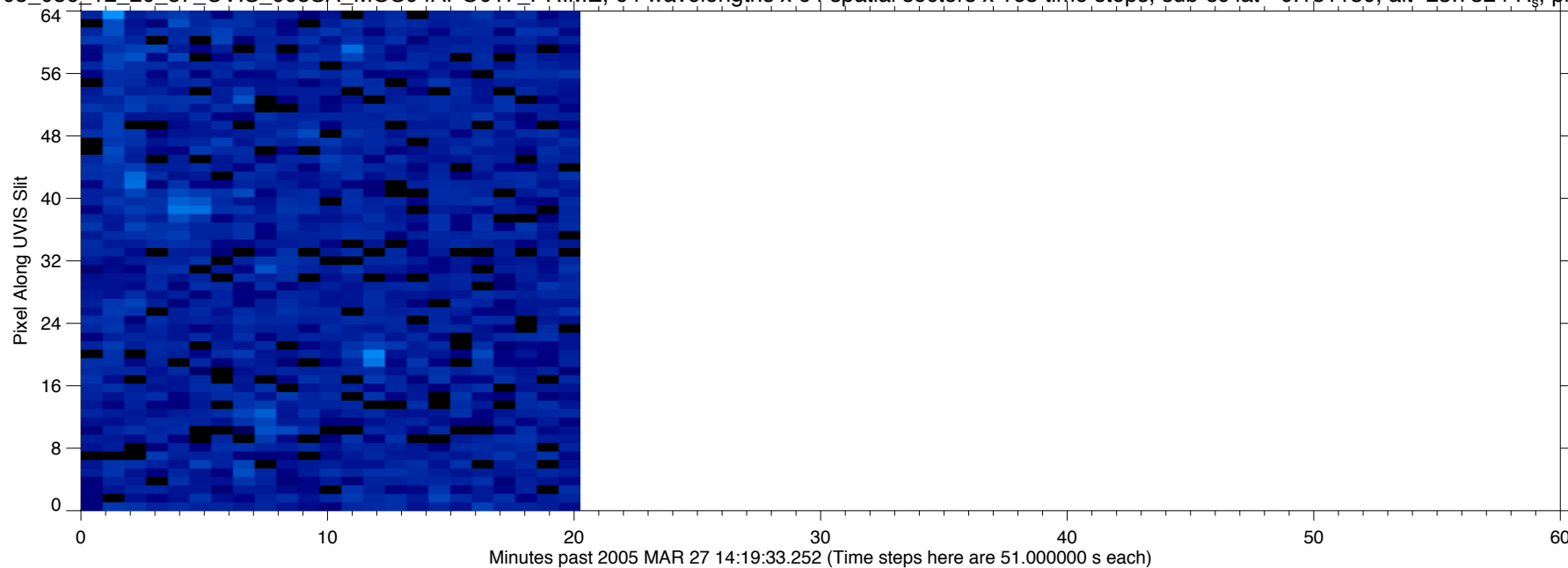
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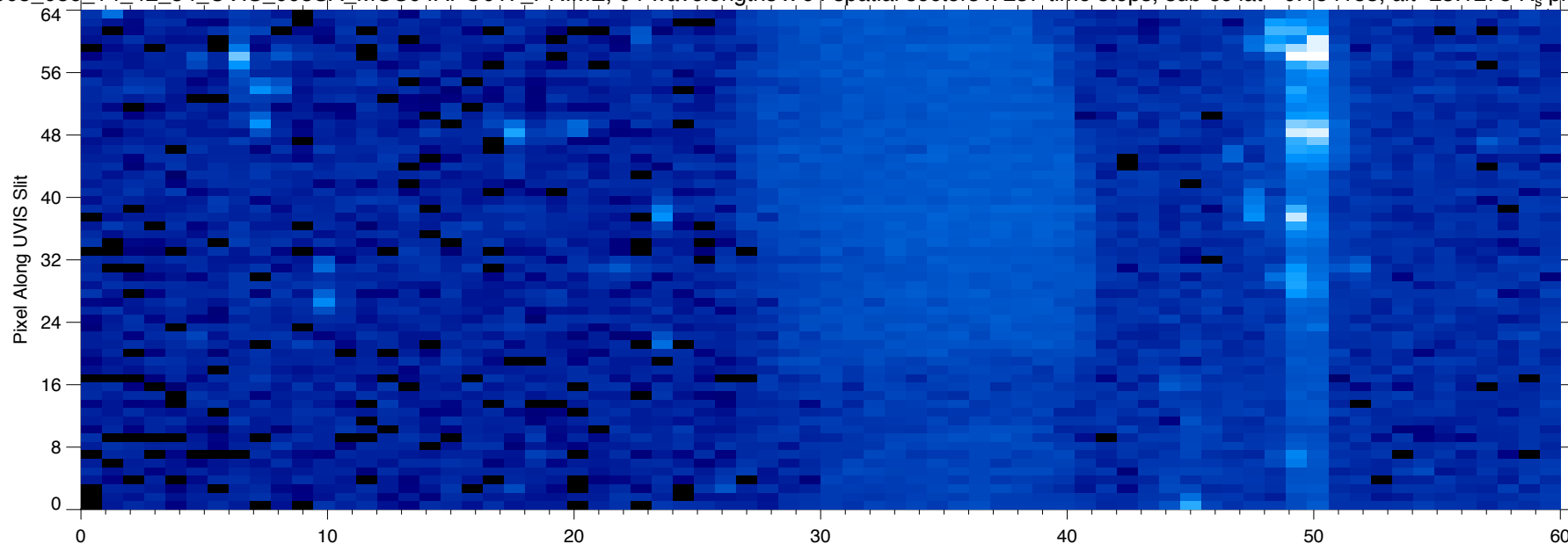
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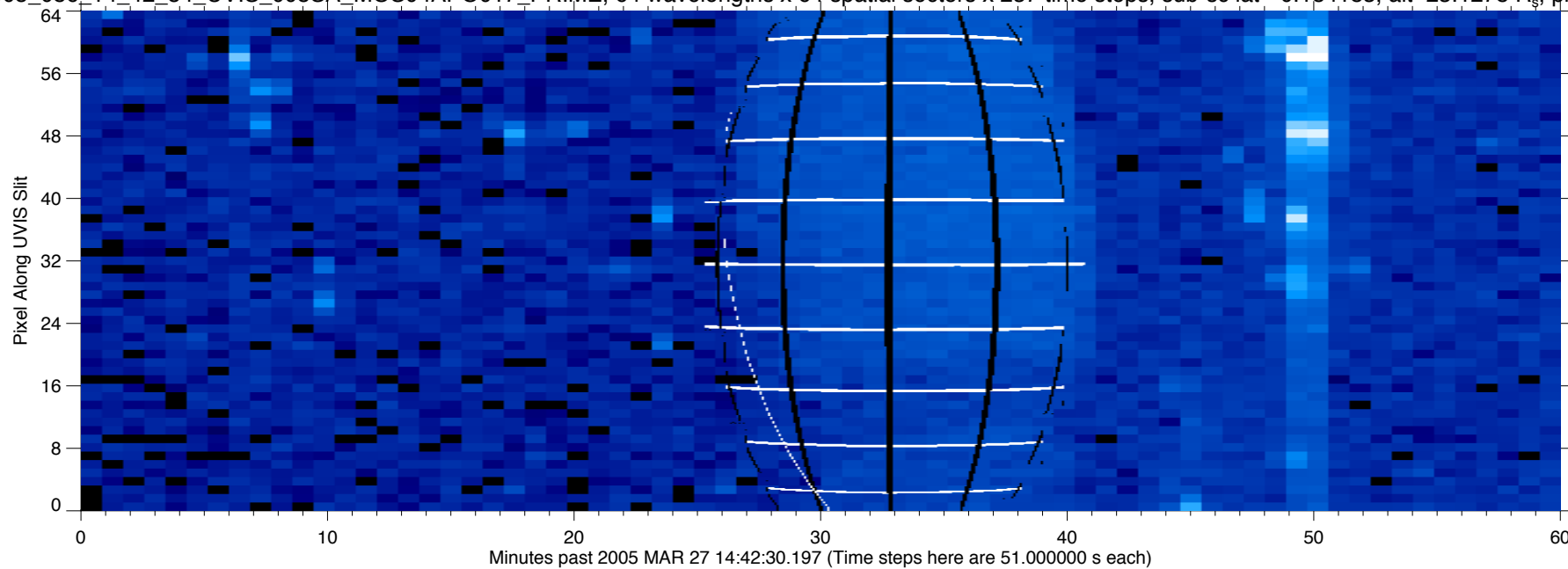
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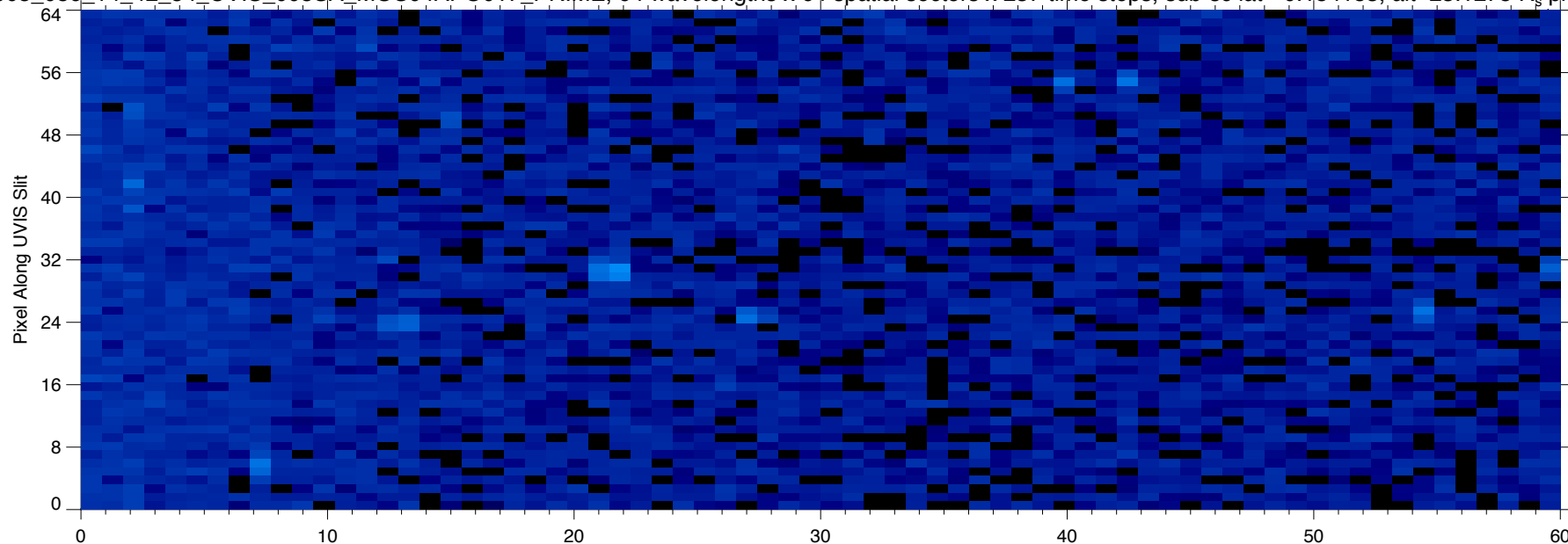
FUV2005_086_14_42_54_UVIS_005SA_MOS04APO017_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.184183, alt=23.1278 R_s, phase=38.5710



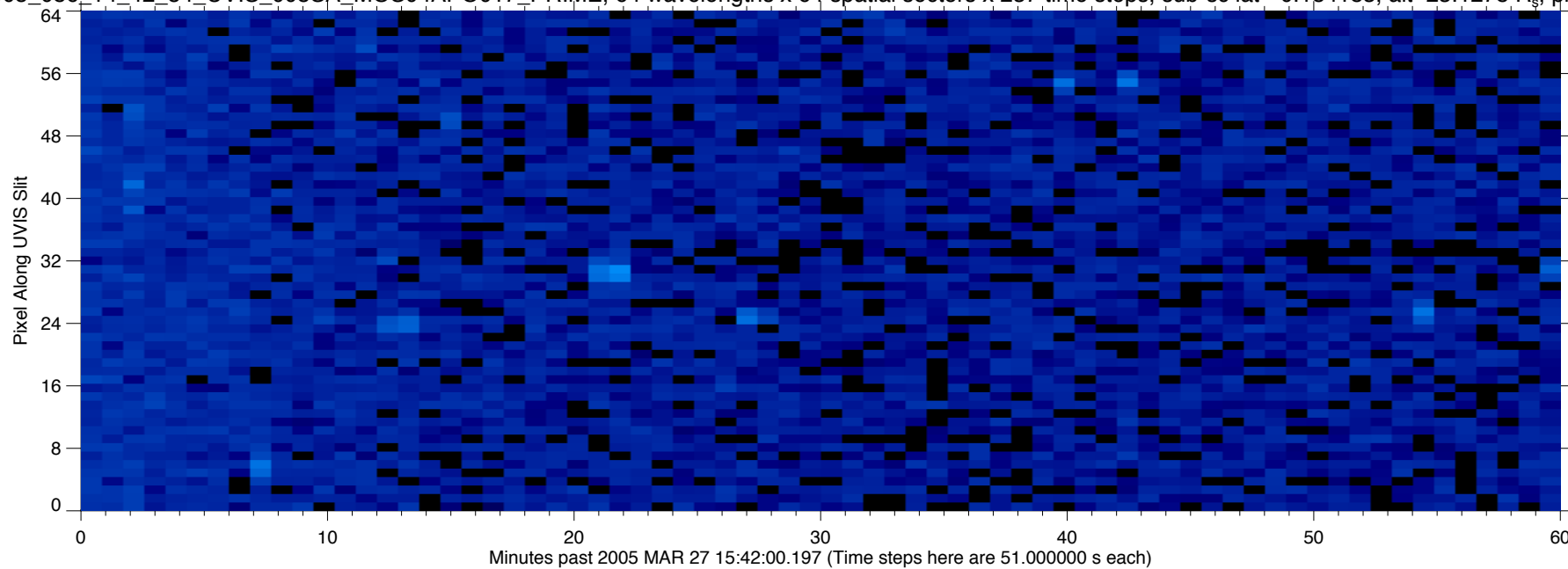
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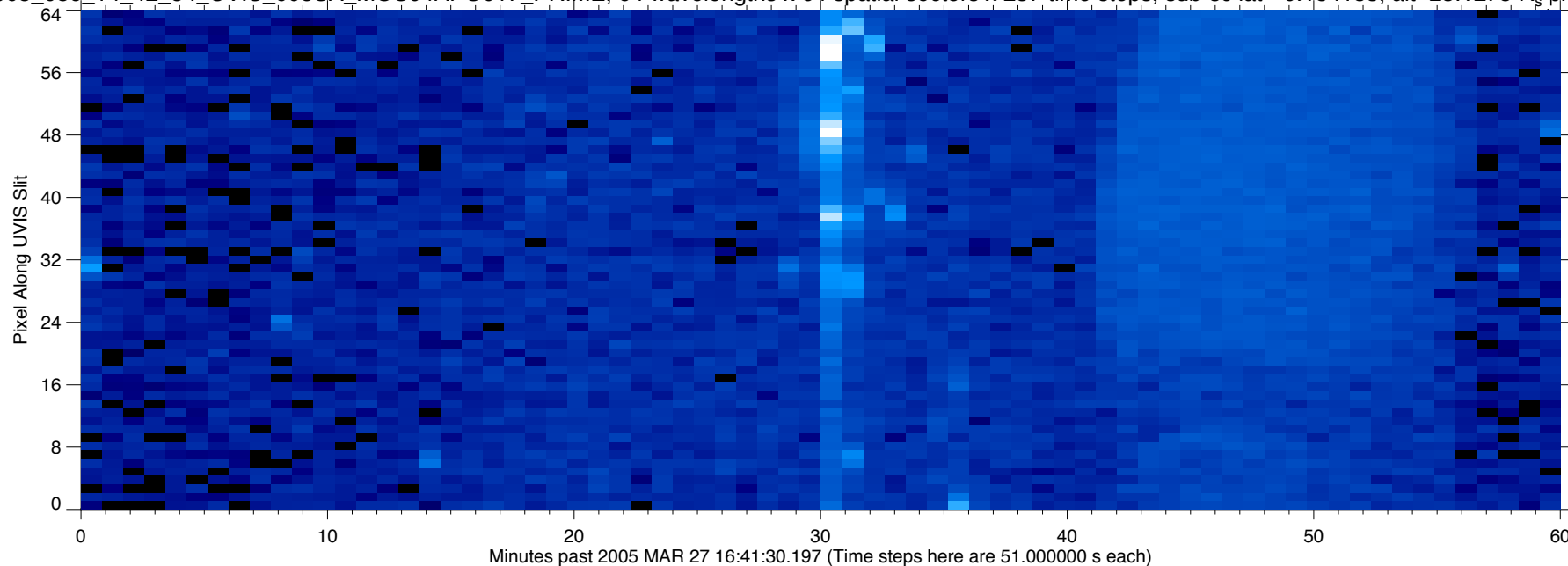
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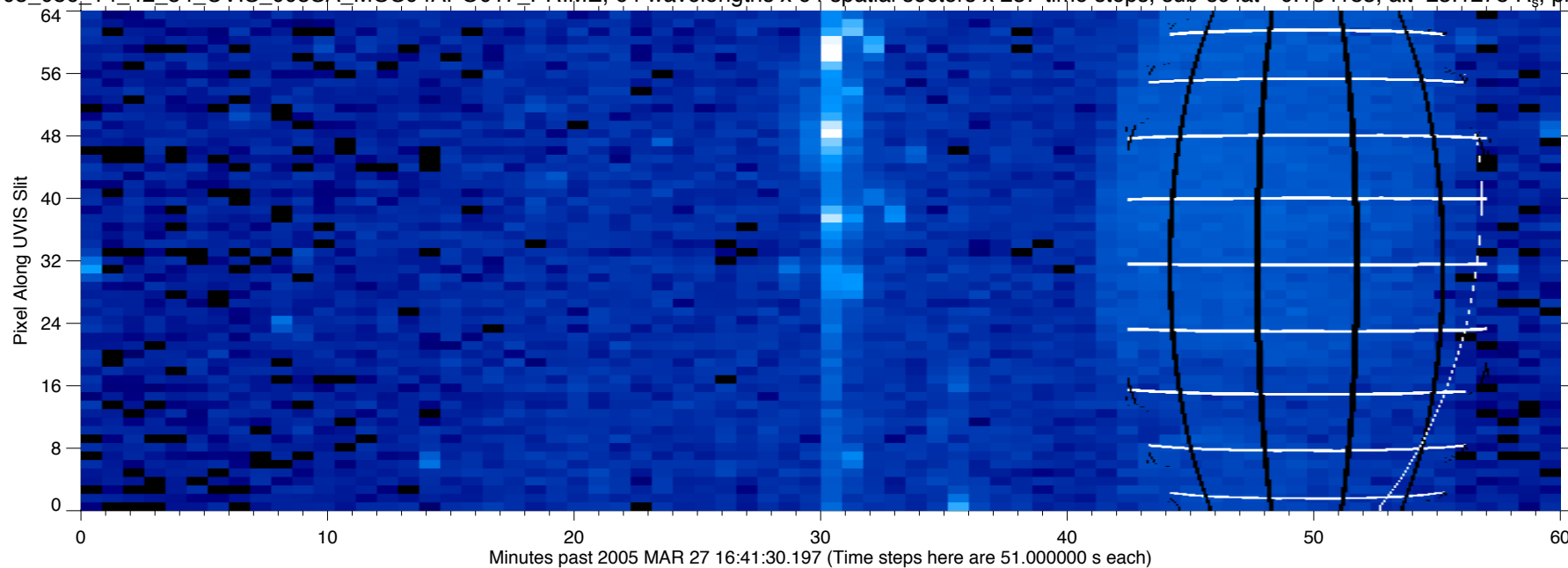
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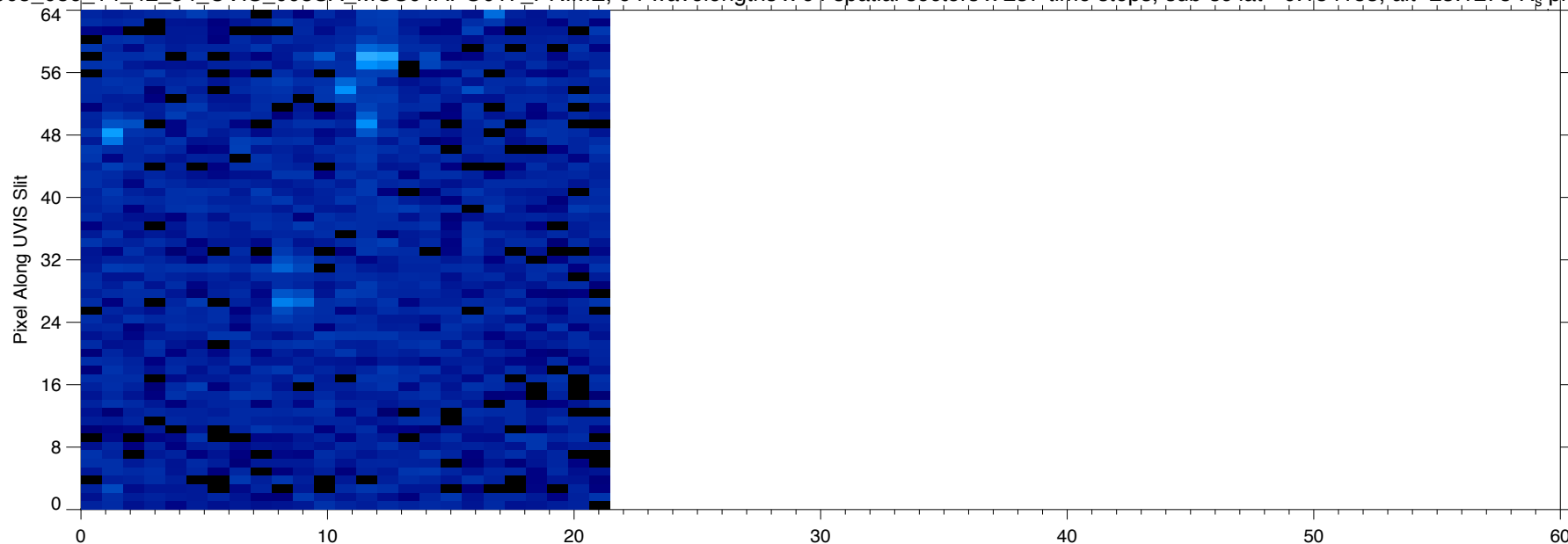
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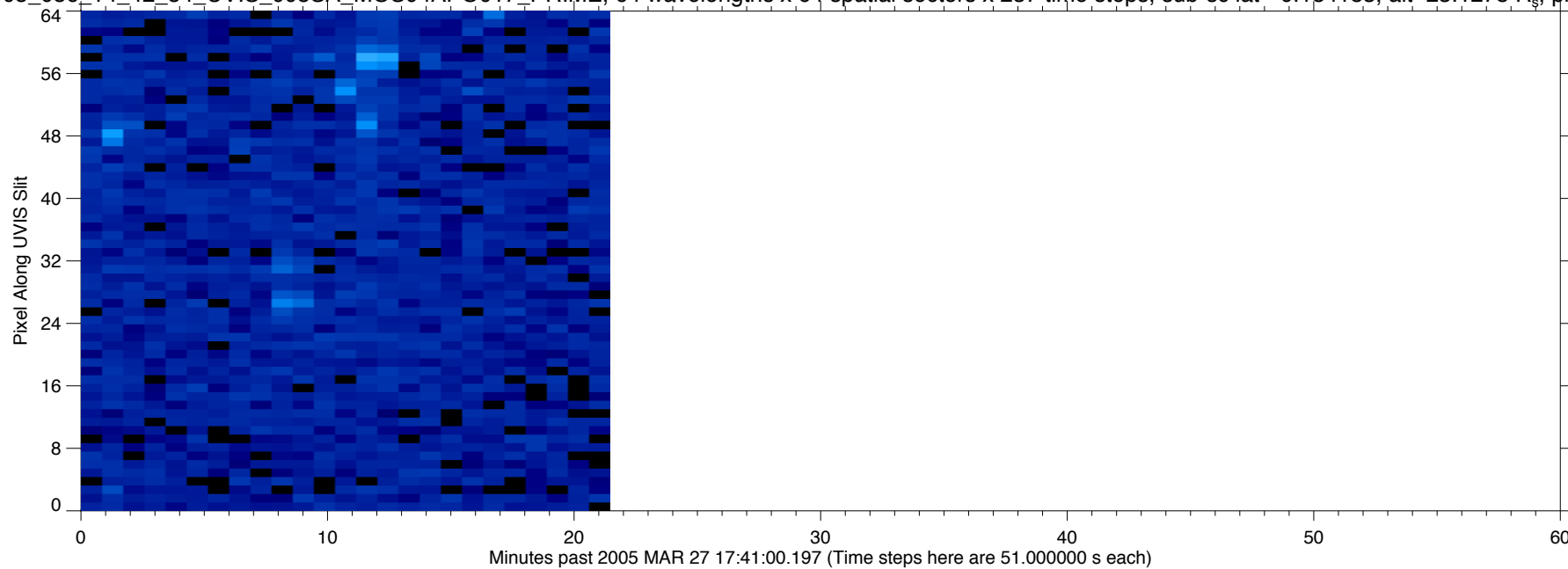
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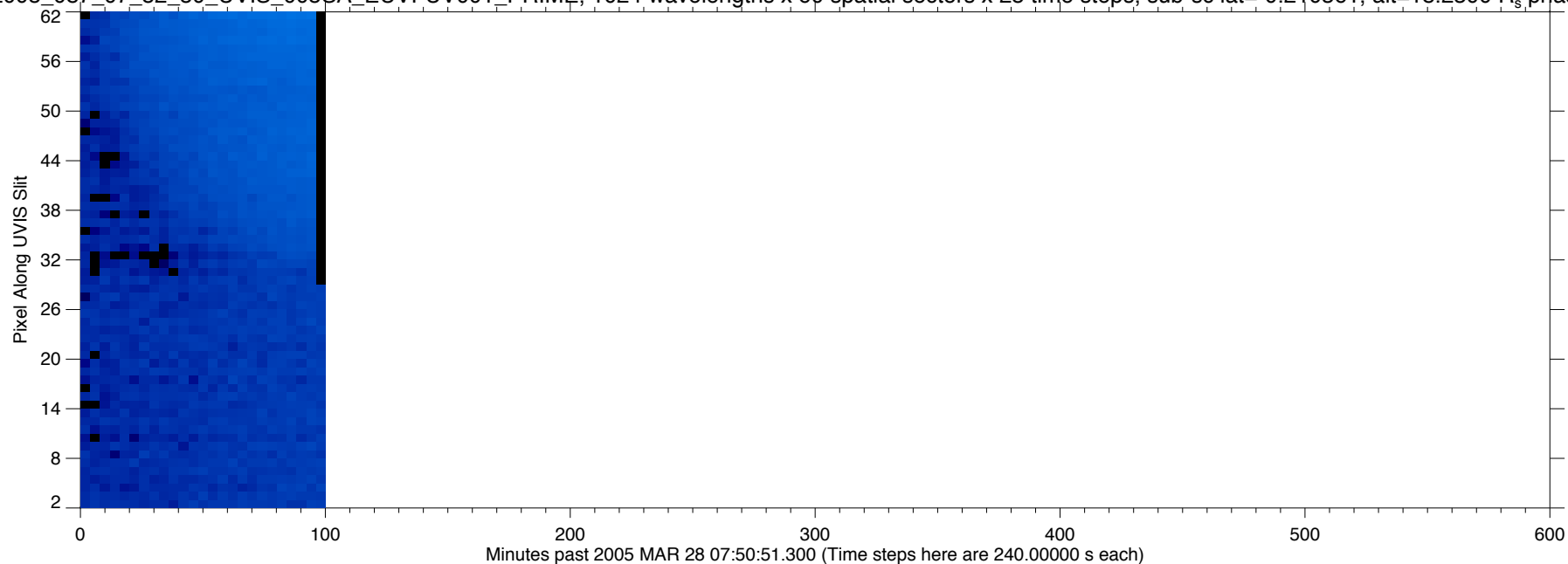
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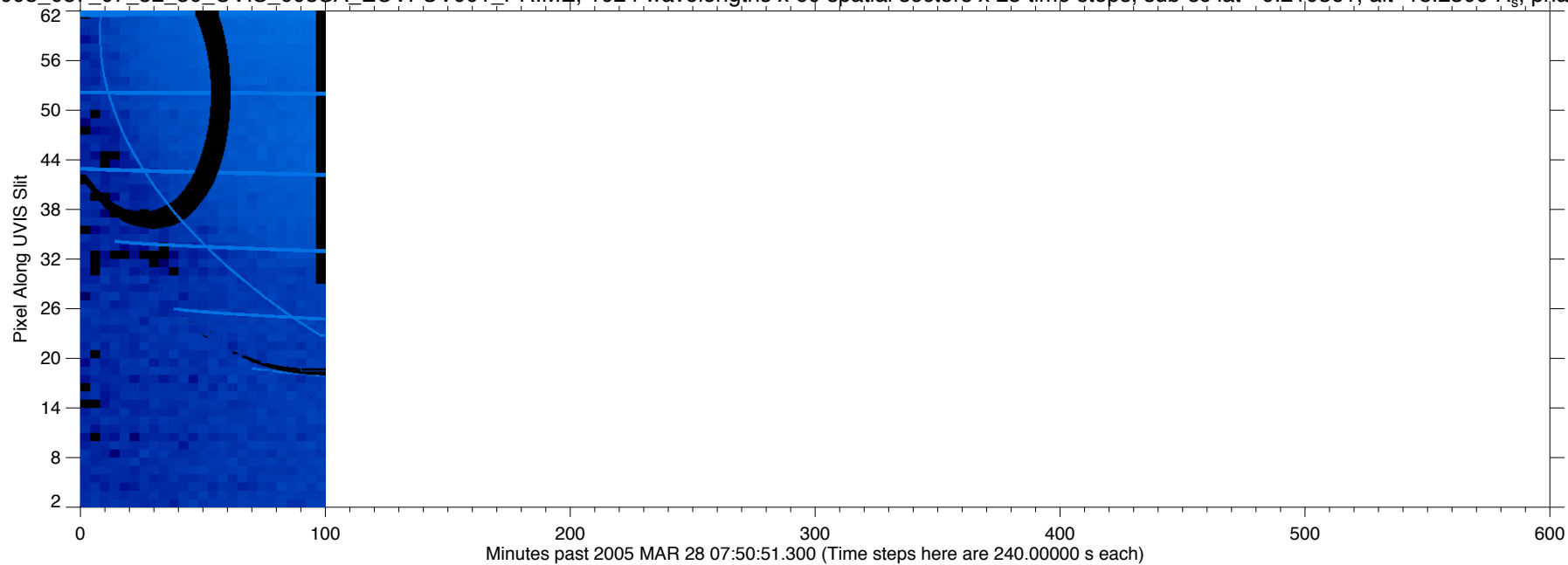
FUV2005_086_14_42_54_UVIS_005SA_MOS04APO017_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.184183, alt=23.1278 R_s, phase=38.5710



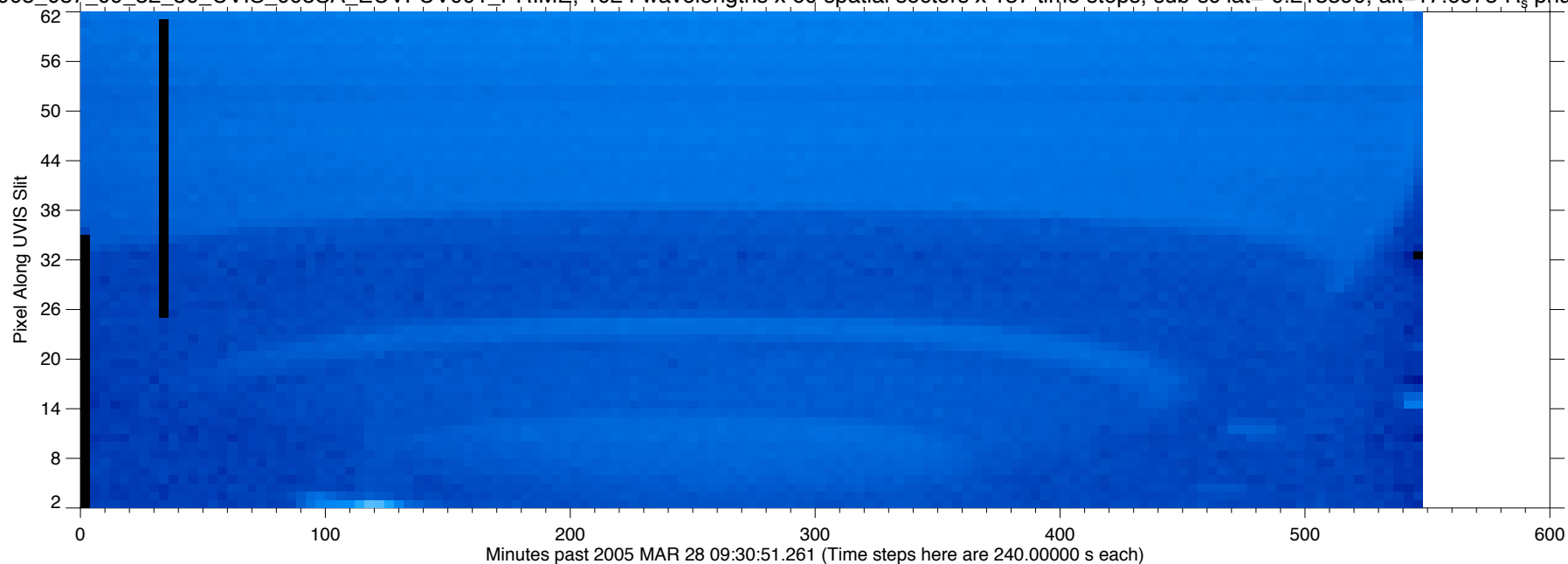
FUV2005_087_07_52_50_UVIS_005SA_EUVFUV001_PRIME, 1024 wavelengths x 60 spatial sectors x 25 time steps, sub-sc lat=-0.210361, alt=18.2300 R_s, phase=32.4851



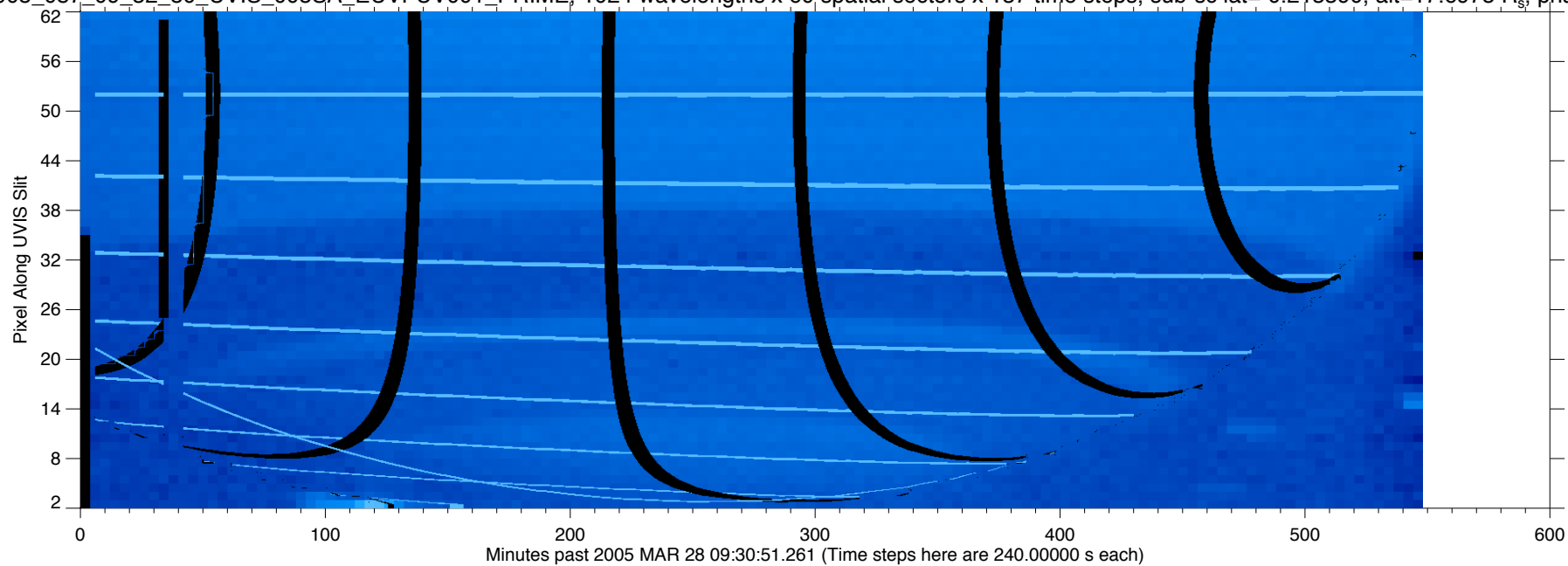
FUV2005_087_07_52_50_UVIS_005SA_EUVFUV001_PRIME, 1024 wavelengths x 60 spatial sectors x 25 time steps, sub-sc lat=-0.210361, alt=18.2300 R_s, phase=32.4851



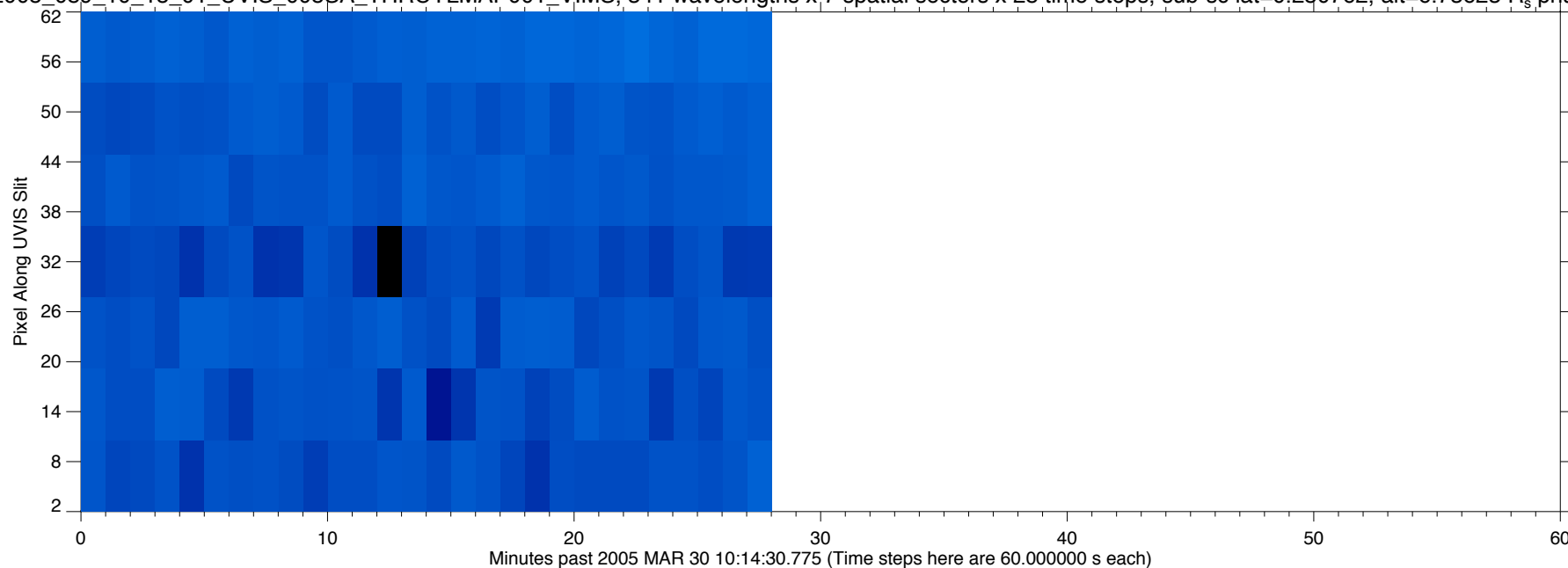
FUV2005_087_09_32_50_UVIS_005SA_EUVFUV001_PRIME, 1024 wavelengths x 60 spatial sectors x 137 time steps, sub-sc lat=-0.213390, alt=17.6975 R_s, phase=31.7670



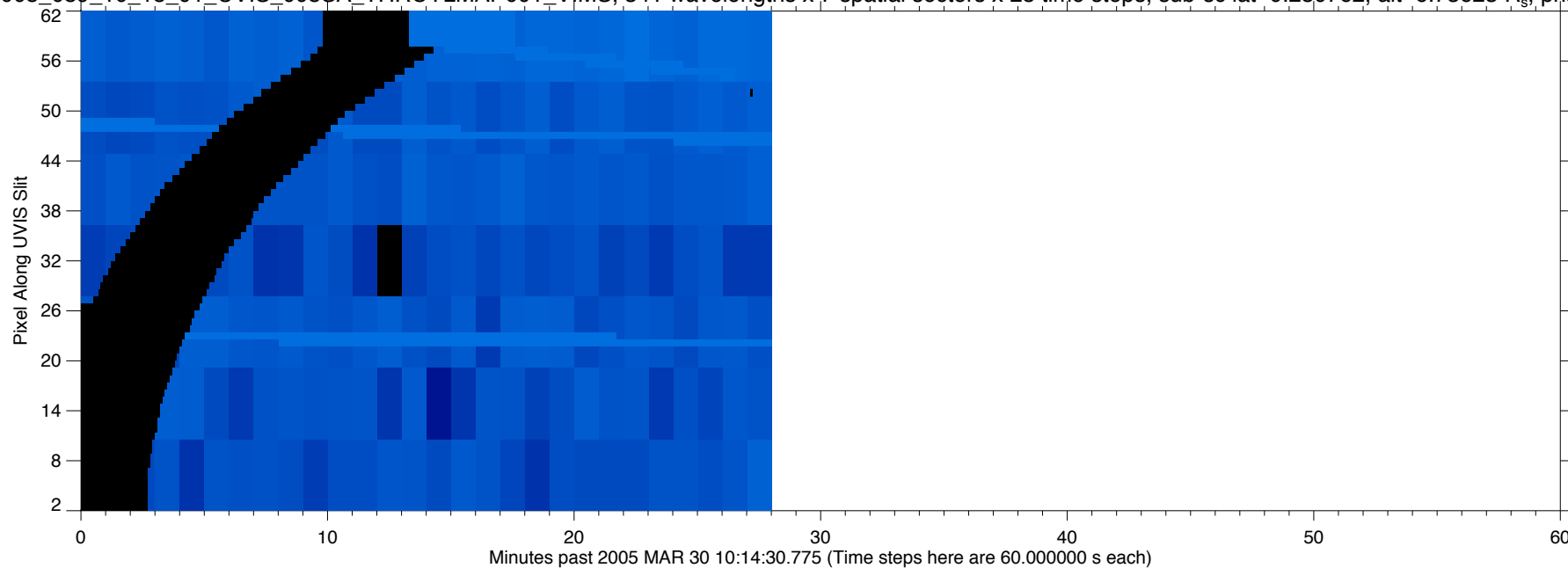
FUV2005_087_09_32_50_UVIS_005SA_EUVFUV001_PRIME, 1024 wavelengths x 60 spatial sectors x 137 time steps, sub-sc lat=-0.213390, alt=17.6975 R_s, phase=31.7670



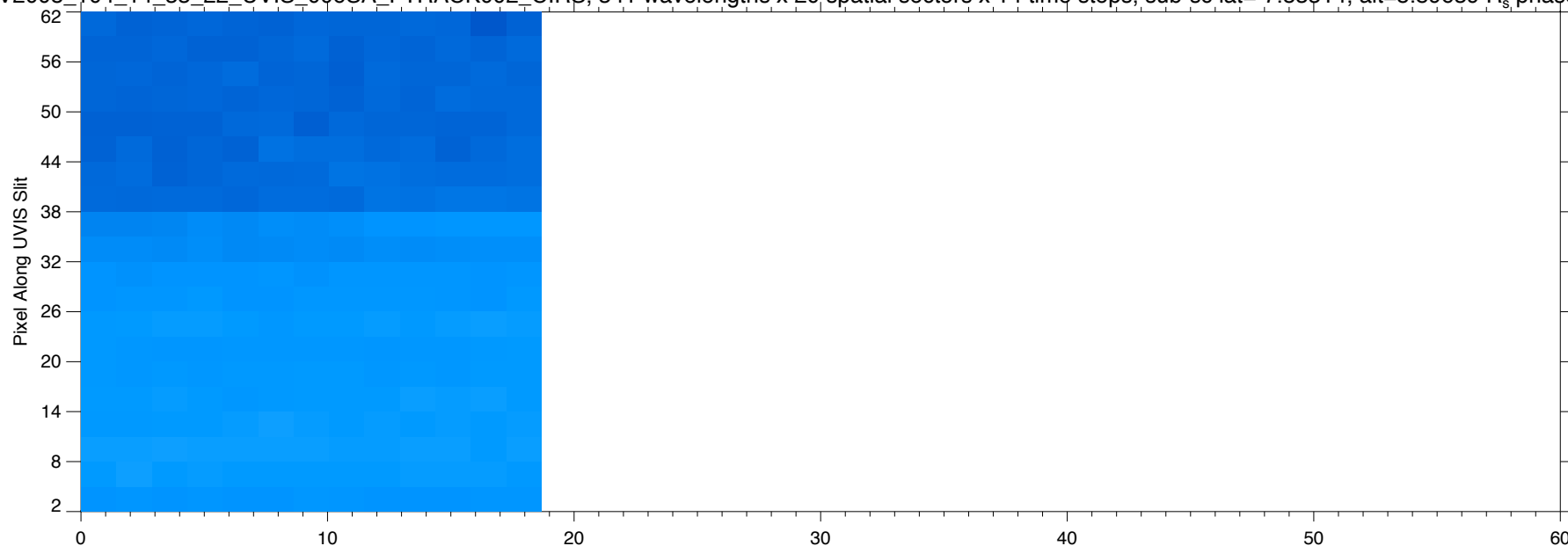
FUV2005_089_10_15_01_UVIS_005SA_THRCYLMAP001_VIMS, 341 wavelengths x 7 spatial sectors x 28 time steps, sub-sc lat=0.250762, alt=6.73623 R_s, phase=137.417



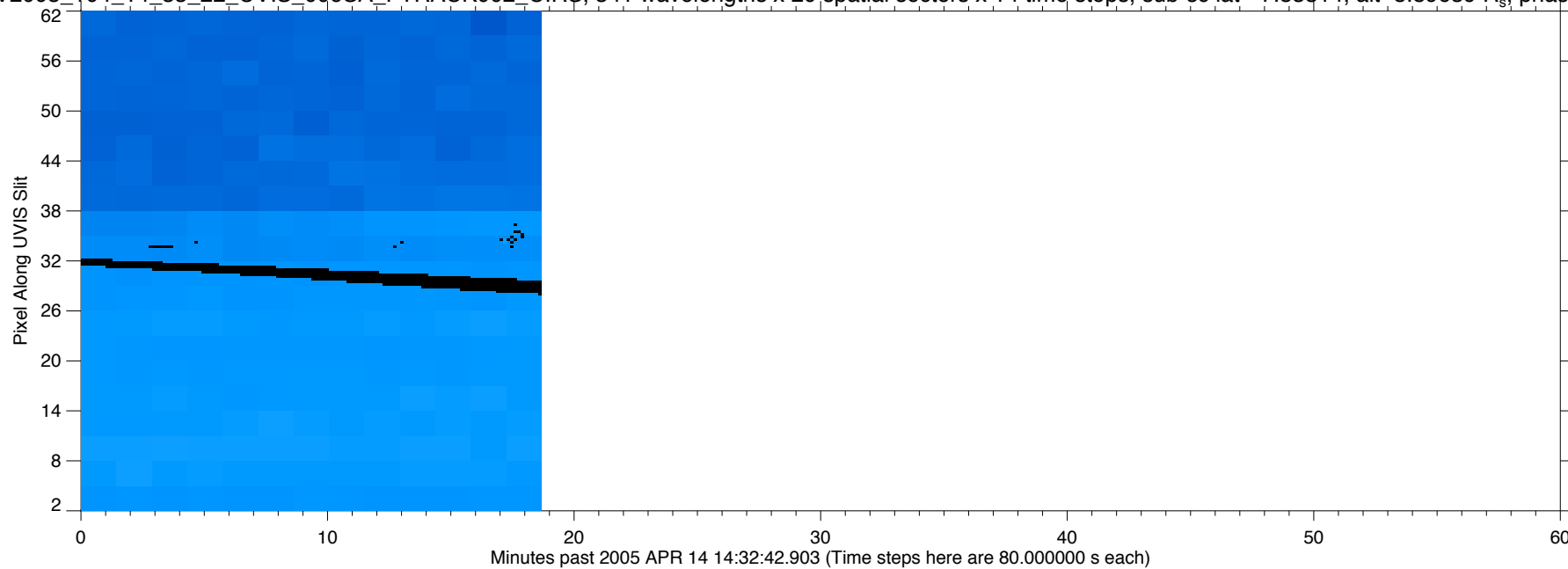
FUV2005_089_10_15_01_UVIS_005SA_THRCYLMAP001_VIMS, 341 wavelengths x 7 spatial sectors x 28 time steps, sub-sc lat=0.250762, alt=6.73623 R_s, phase=137.417



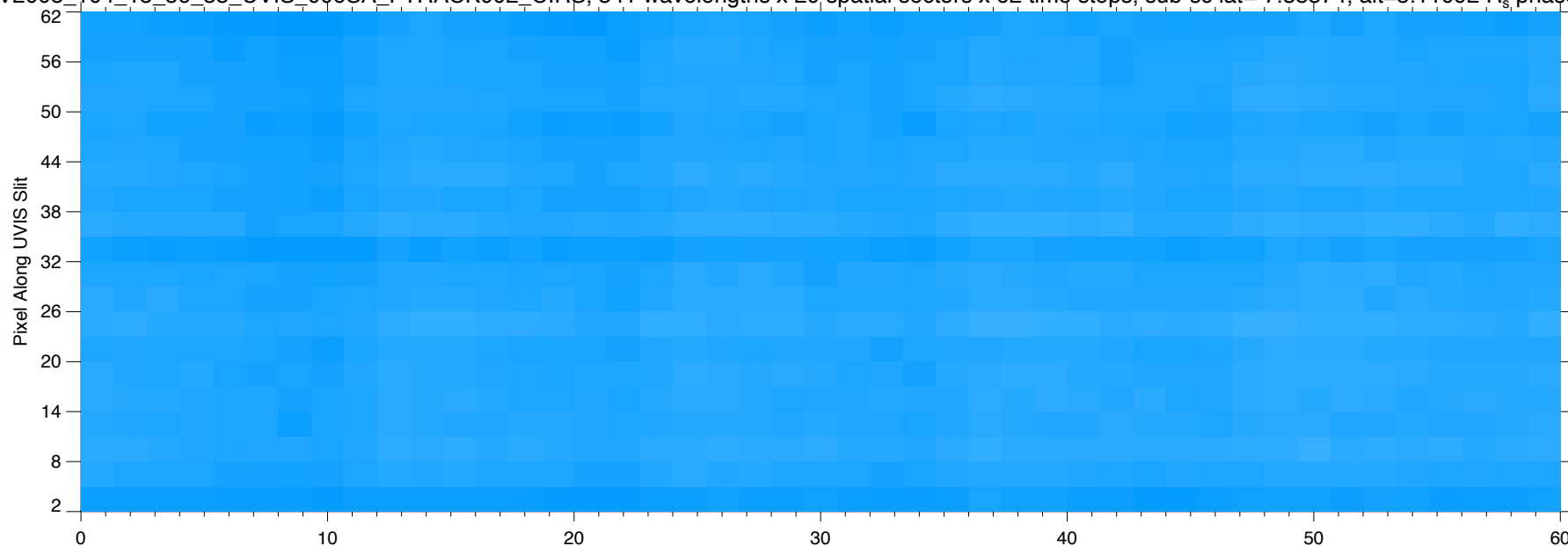
FUV2005_104_14_33_22_UVIS_006SA_FTRACK002_CIRS, 341 wavelengths x 20 spatial sectors x 14 time steps, sub-sc lat=-7.53314, alt=5.89639 R_s, phase=14.5904



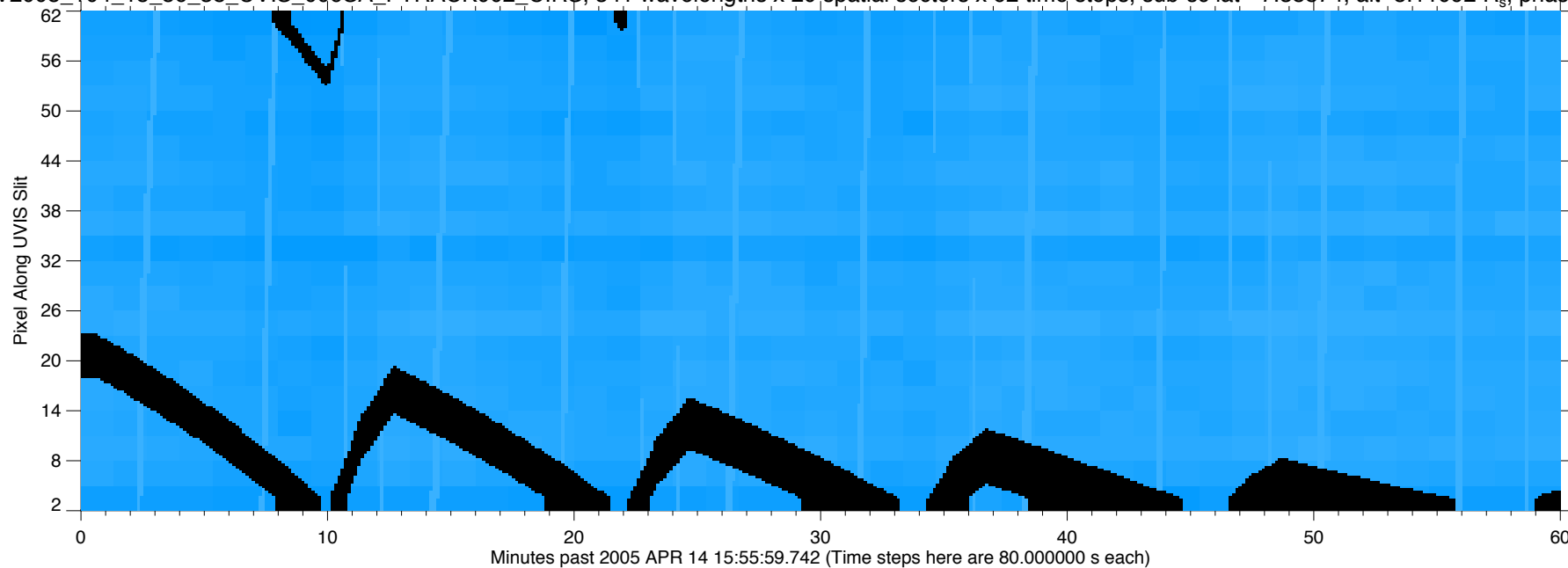
FUV2005_104_14_33_22_UVIS_006SA_FTRACK002_CIRS, 341 wavelengths x 20 spatial sectors x 14 time steps, sub-sc lat=-7.53314, alt=5.89639 R_s, phase=14.5904



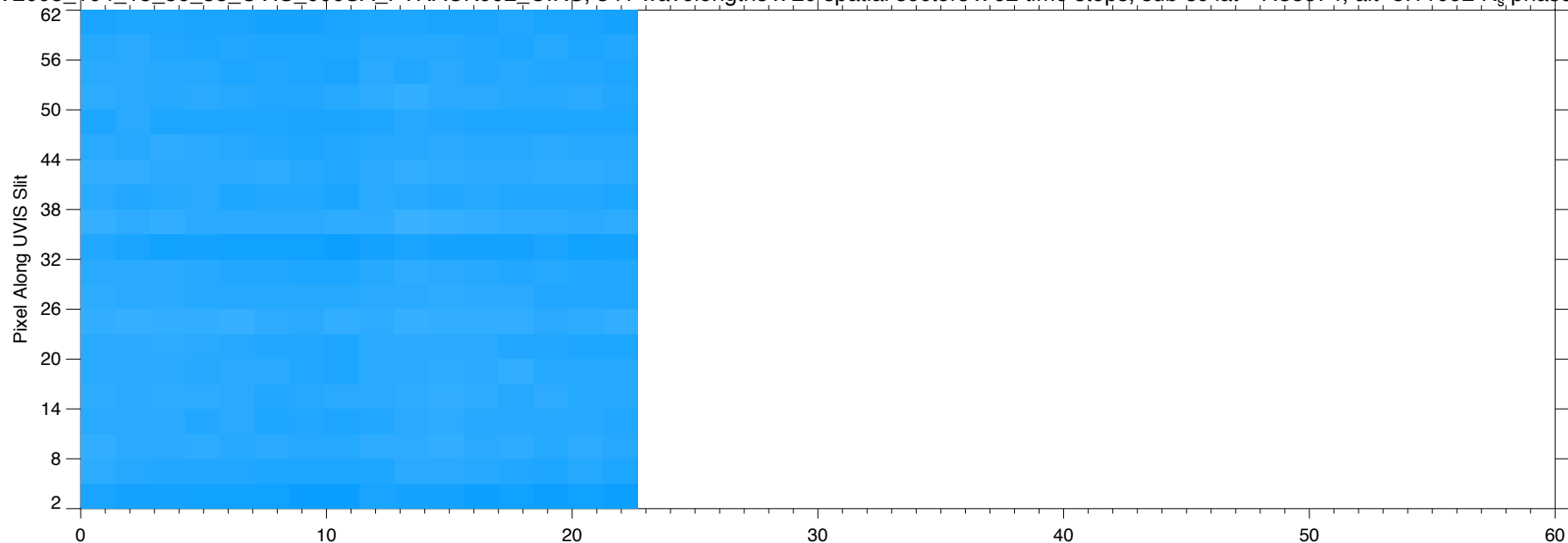
FUV2005_104_15_56_38_UVIS_006SA_FTRACK002_CIRS, 341 wavelengths x 20 spatial sectors x 62 time steps, sub-sc lat=-7.38874, alt=5.11092 R_s, phase=15.2121



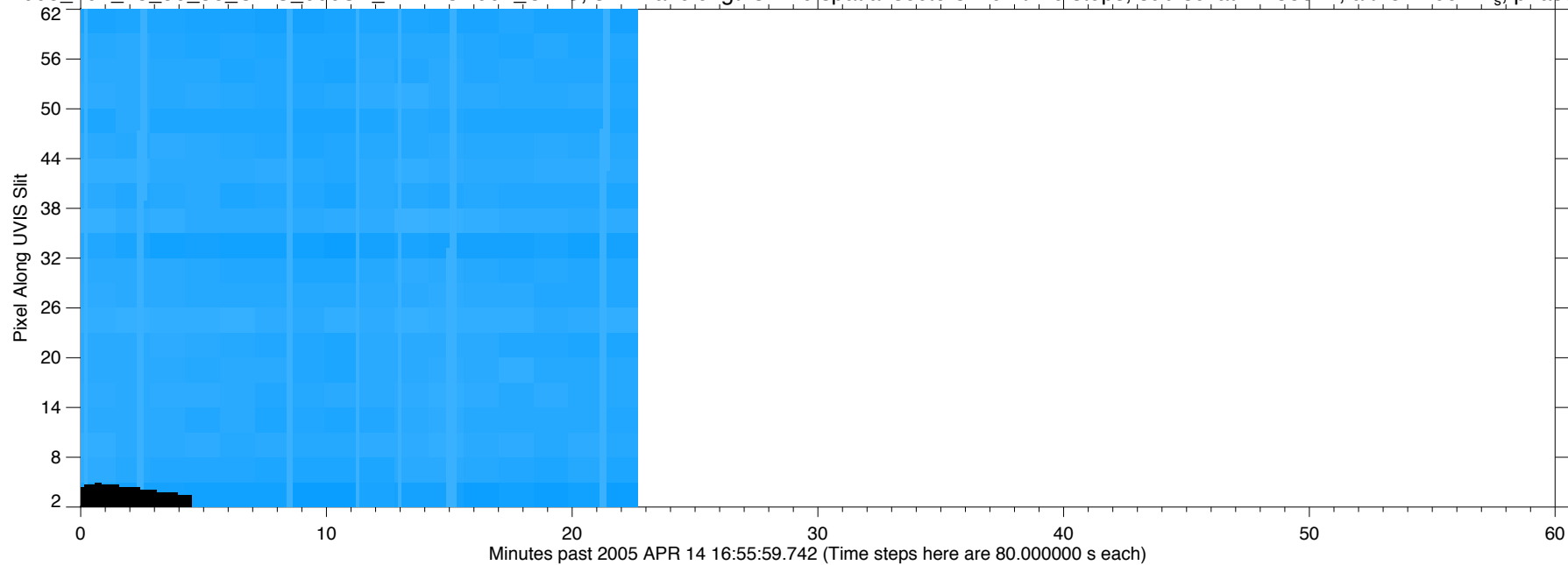
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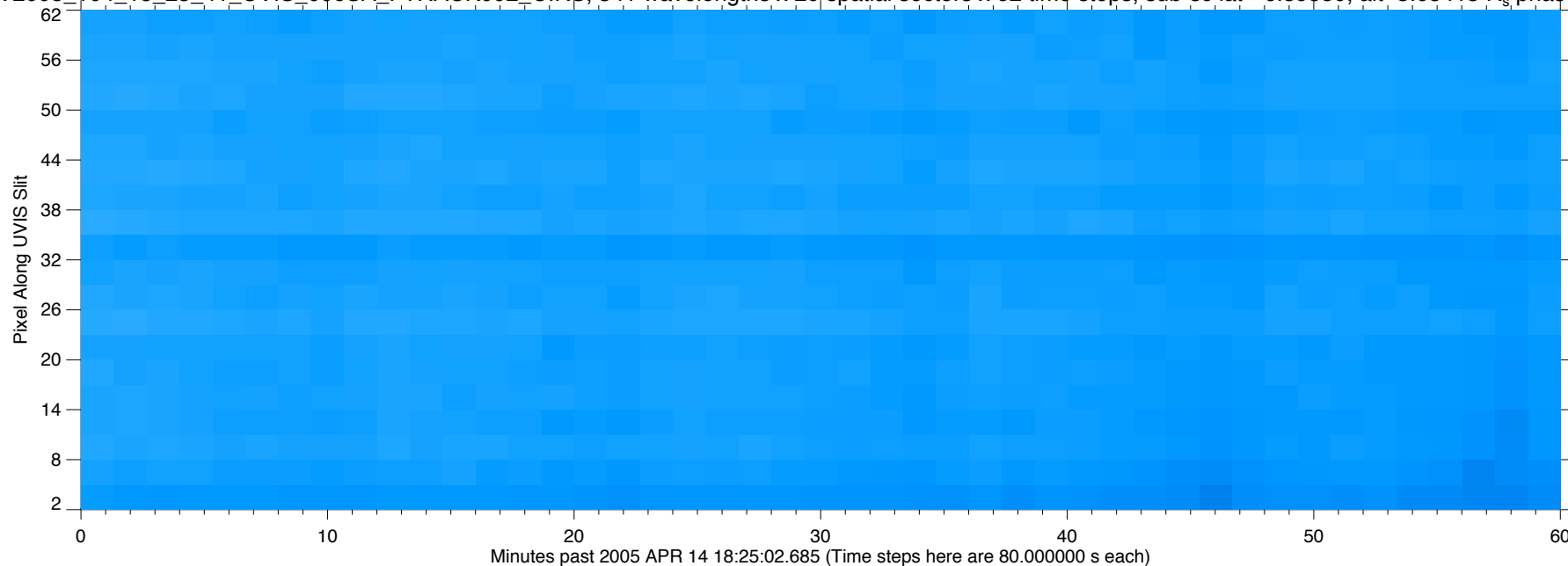
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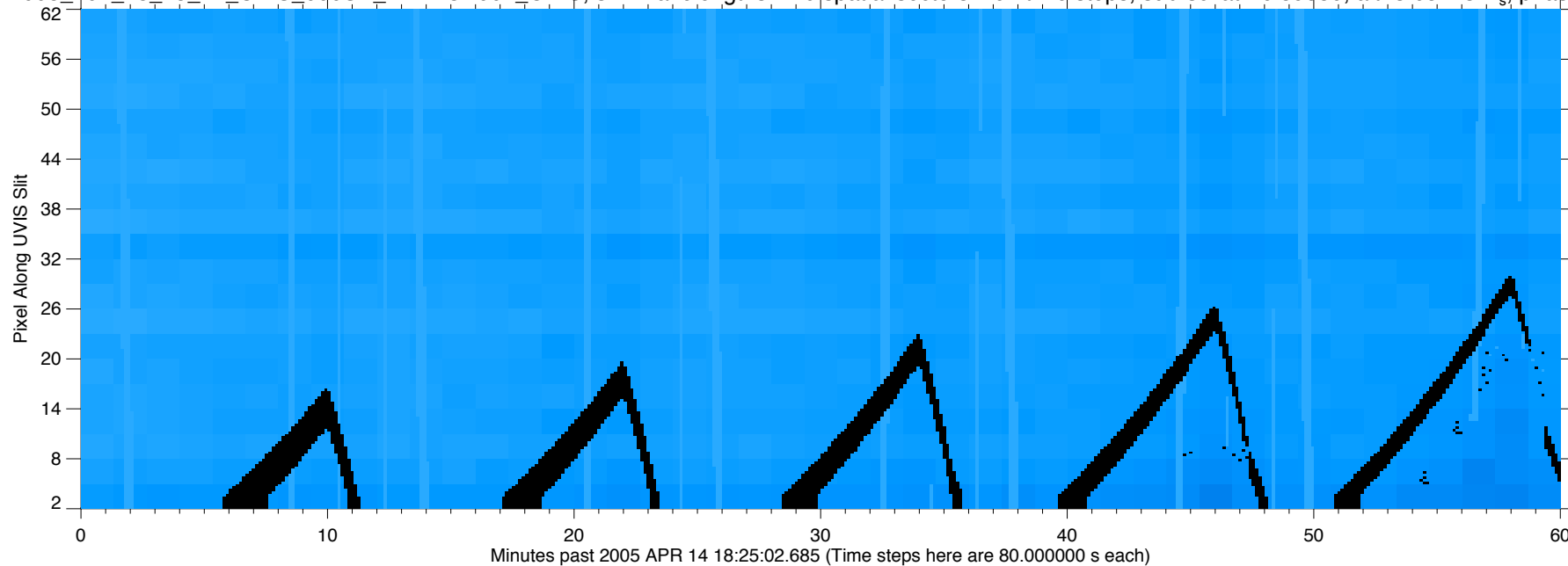
FUV2005_104_15_56_38_UVIS_006SA_FTRACK002_CIRS, 341 wavelengths x 20 spatial sectors x 62 time steps, sub-sc lat=-7.38874, alt=5.11092 R_s, phase=15.2121



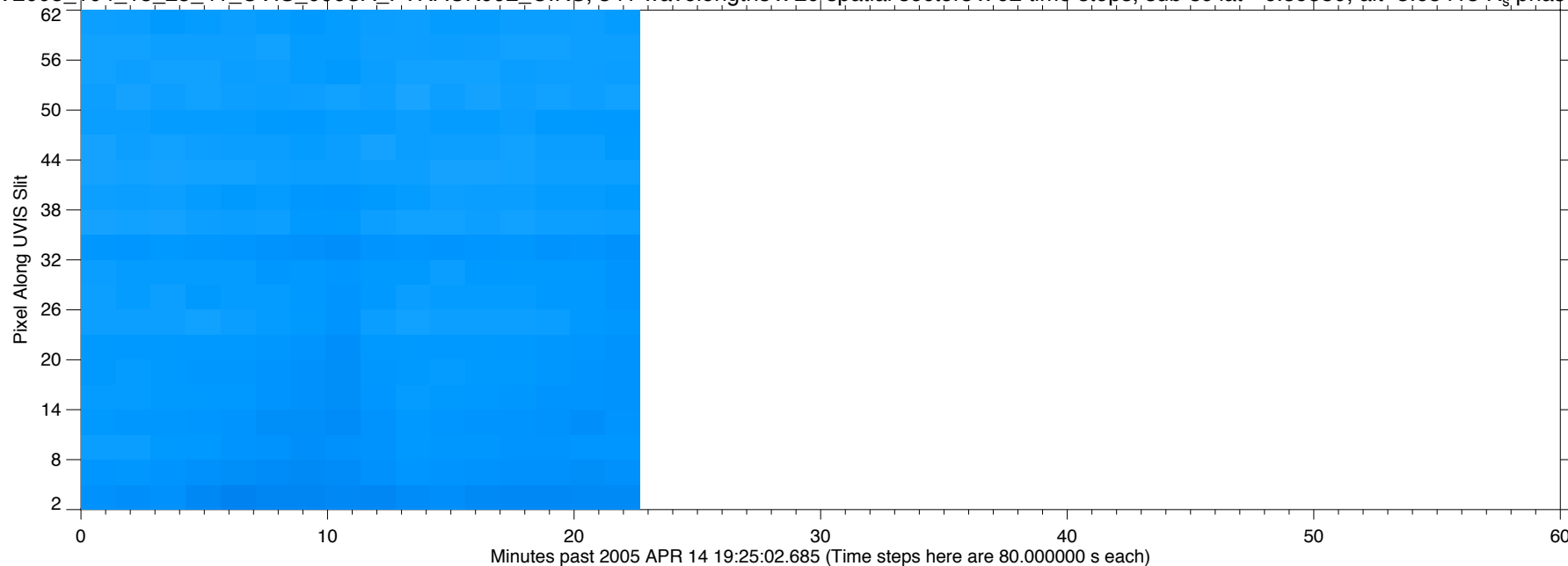
FUV2005_104_18_25_41_UVIS_006SA_FTRACK002_CIRS, 341 wavelengths x 20 spatial sectors x 62 time steps, sub-sc lat=-6.59550, alt=3.65413 R_s, phase=25.3491



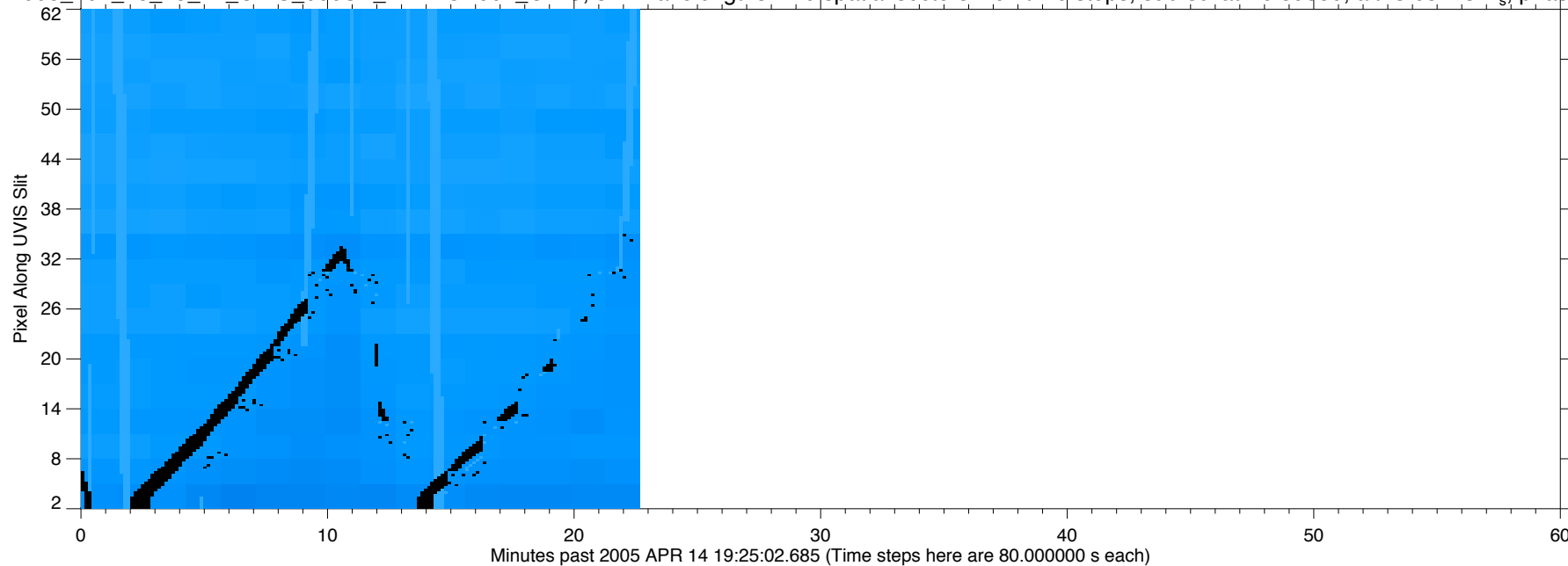
FUV2005_104_18_25_41_UVIS_006SA_FTRACK002_CIRS, 341 wavelengths x 20 spatial sectors x 62 time steps, sub-sc lat=-6.59550, alt=3.65413 R_s, phase=25.3491



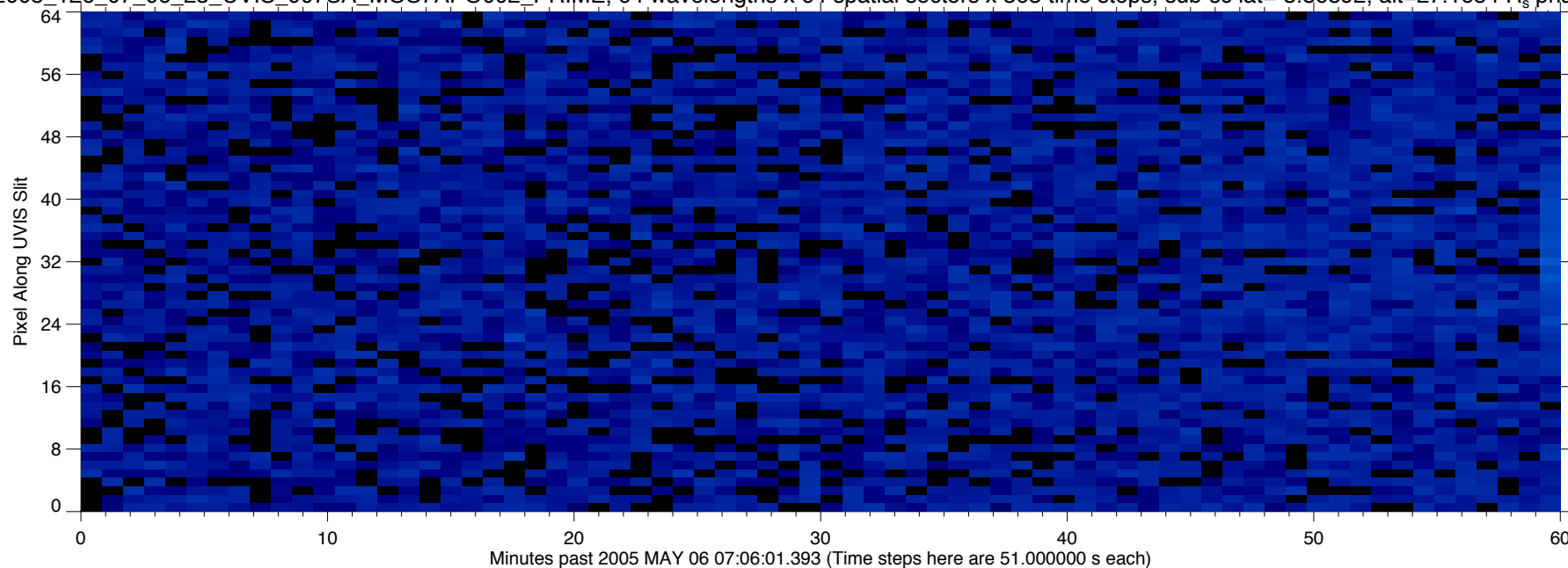
FUV2005_104_18_25_41_UVIS_006SA_FTRACK002_CIRS, 341 wavelengths x 20 spatial sectors x 62 time steps, sub-sc lat=-6.59550, alt=3.65413 R_s, phase=25.3491



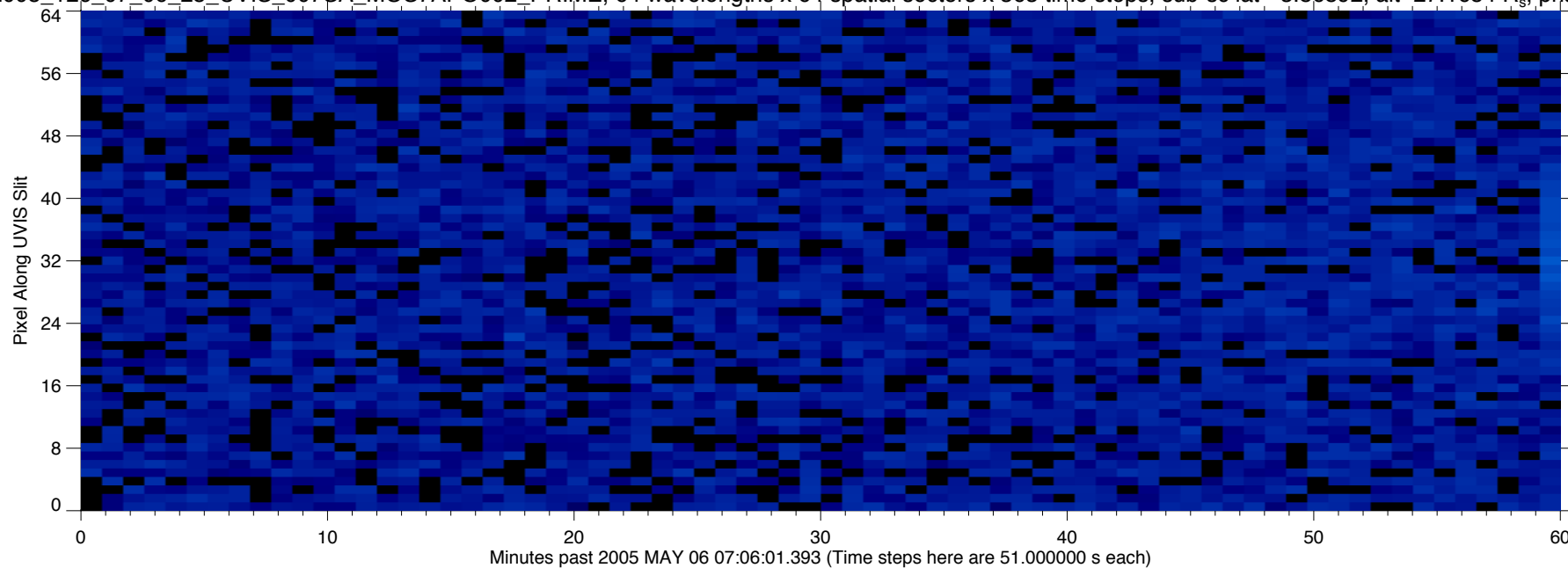
FUV2005_104_18_25_41_UVIS_006SA_FTRACK002_CIRS, 341 wavelengths x 20 spatial sectors x 62 time steps, sub-sc lat=-6.59550, alt=3.65413 R_s, phase=25.3491



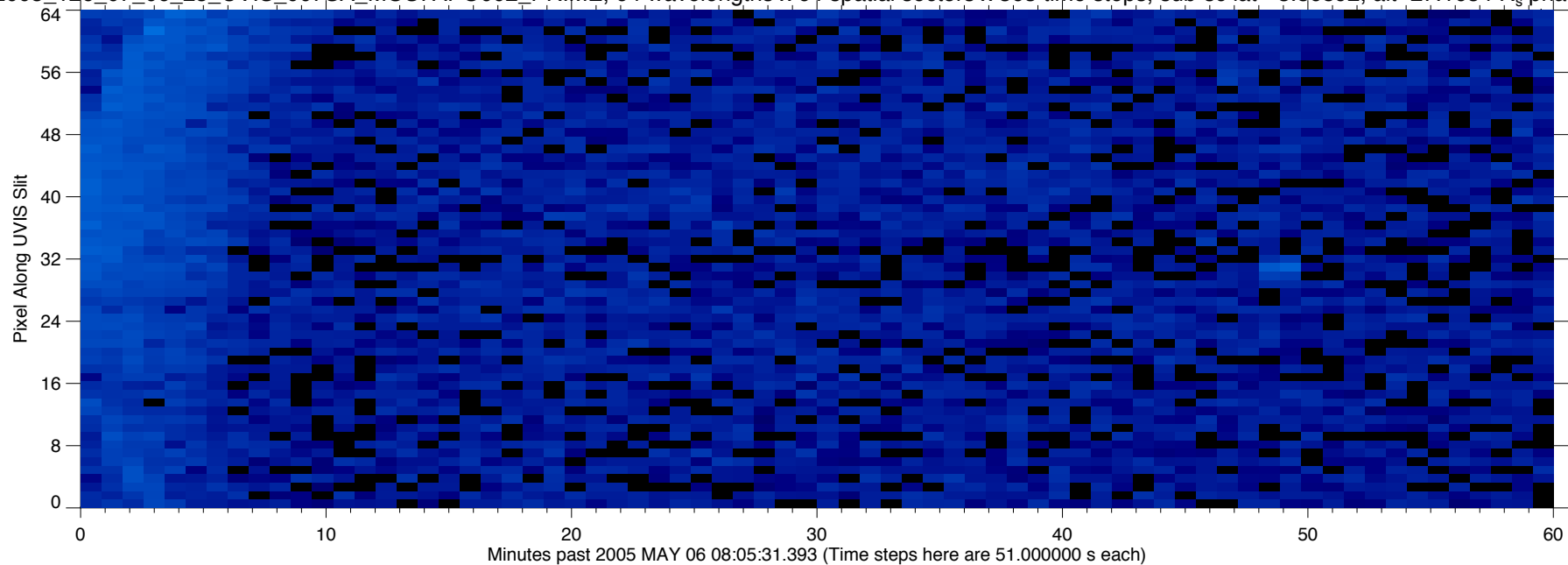
FUV2005_126_07_06_25_UVIS_007SA_MOS7APO002_PRIME, 64 wavelengths x 64 spatial sectors x 363 time steps, sub-sc lat=-3.86892, alt=27.1654 R_s phase=89.0424



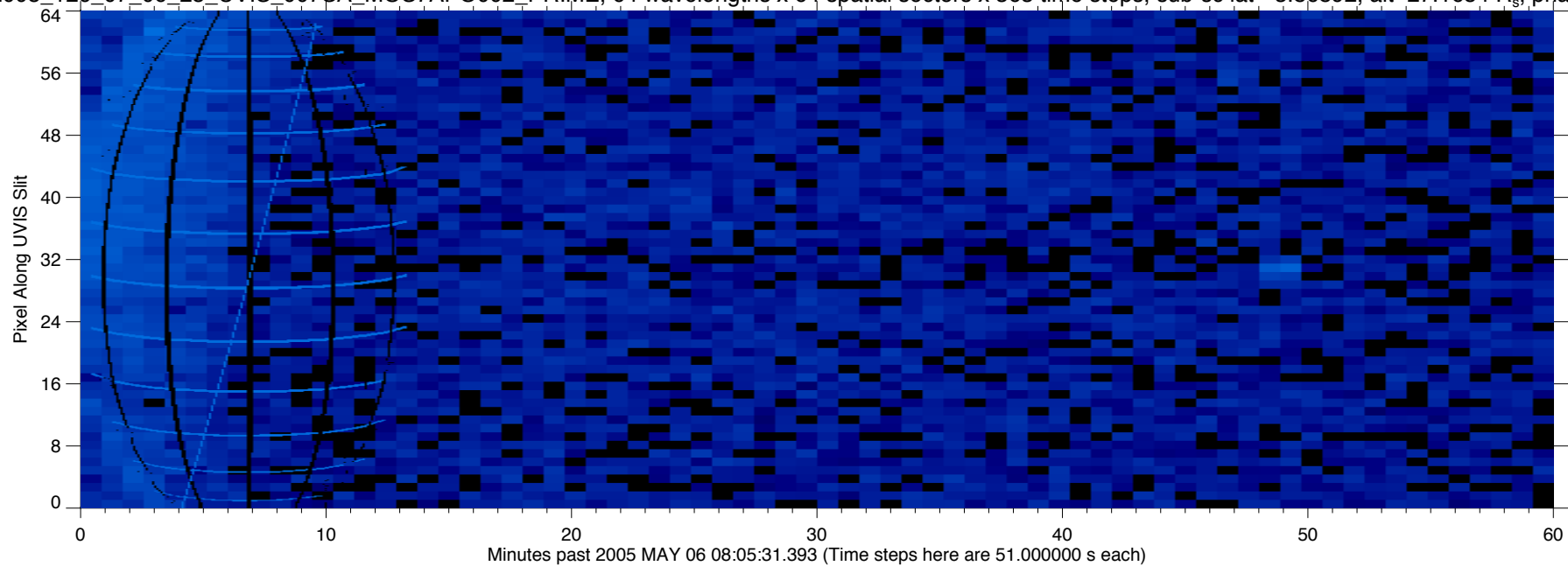
FUV2005_126_07_06_25_UVIS_007SA_MOS7APO002_PRIME, 64 wavelengths x 64 spatial sectors x 363 time steps, sub-sc lat=-3.86892, alt=27.1654 R_s phase=89.0424



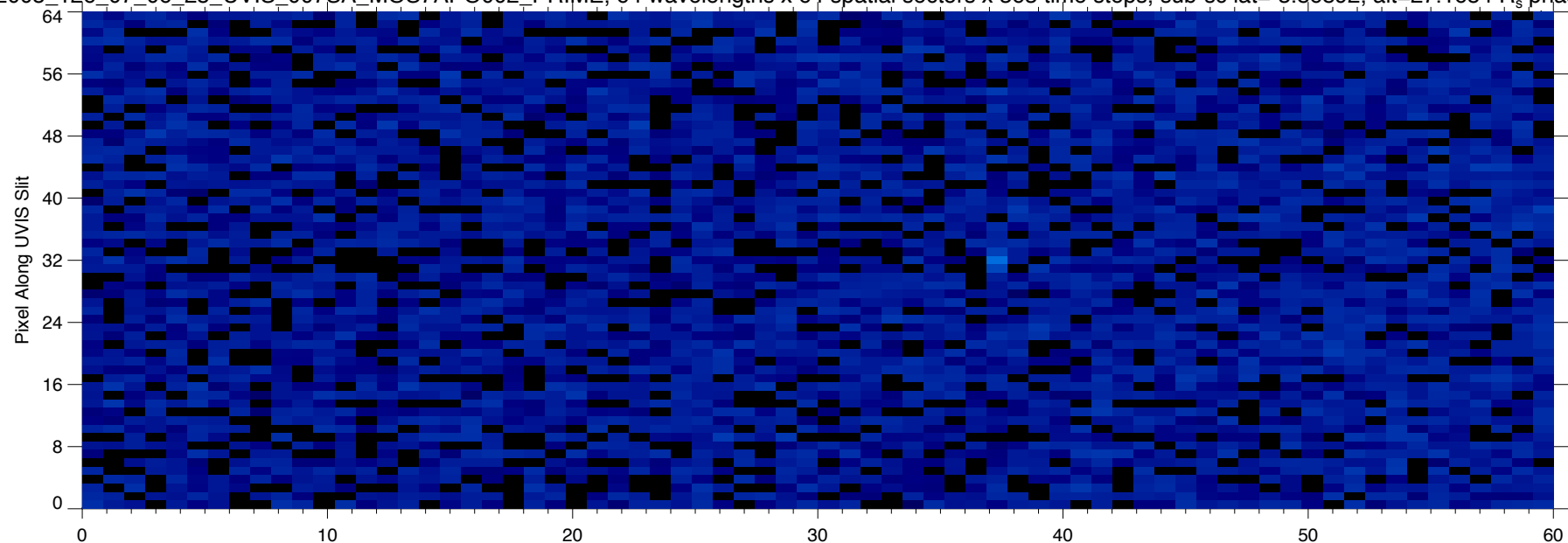
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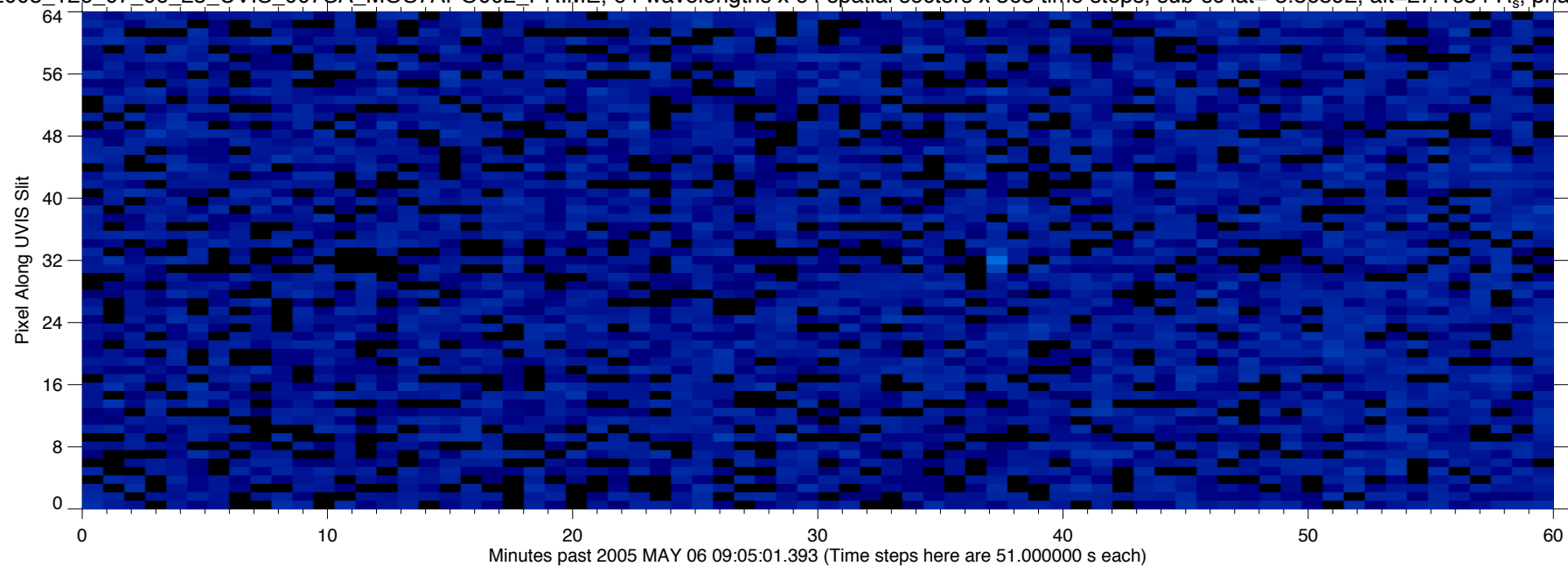
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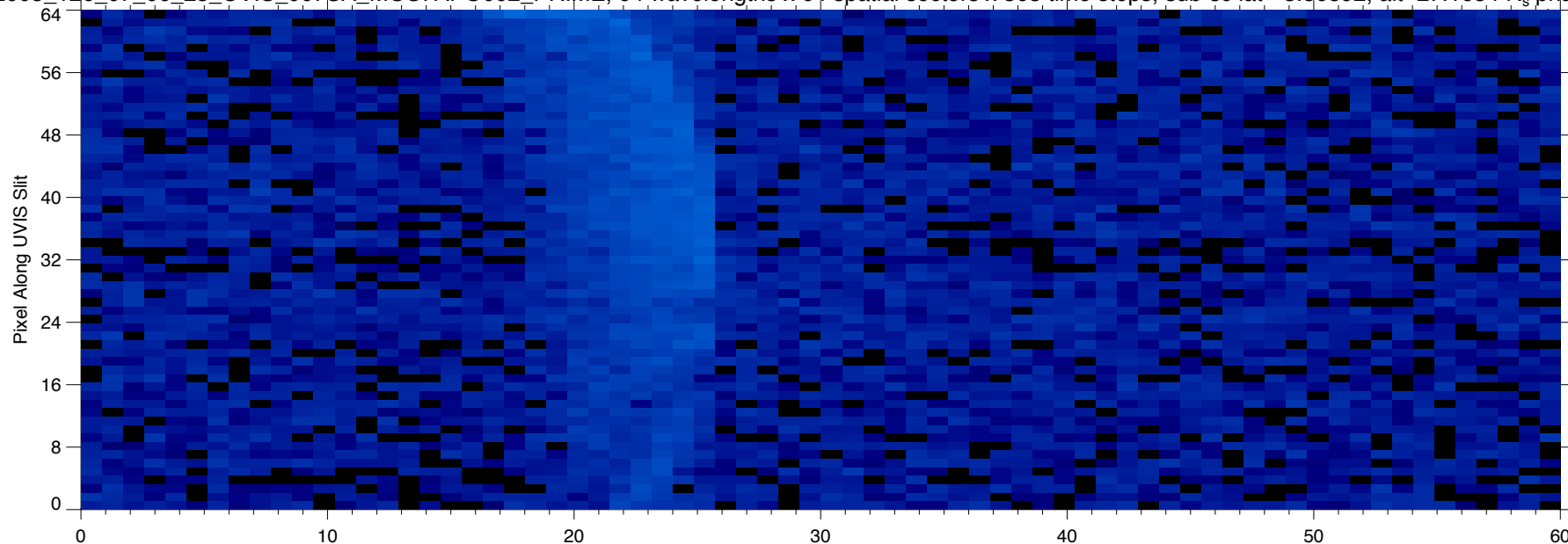
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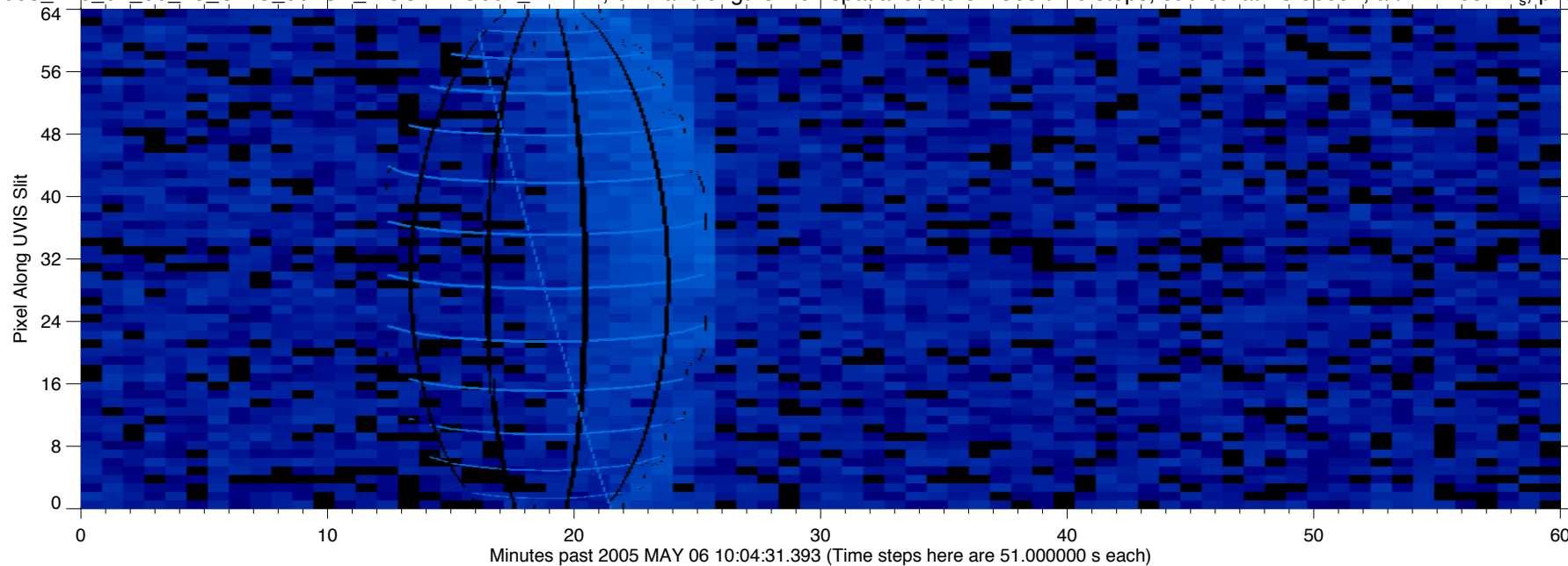
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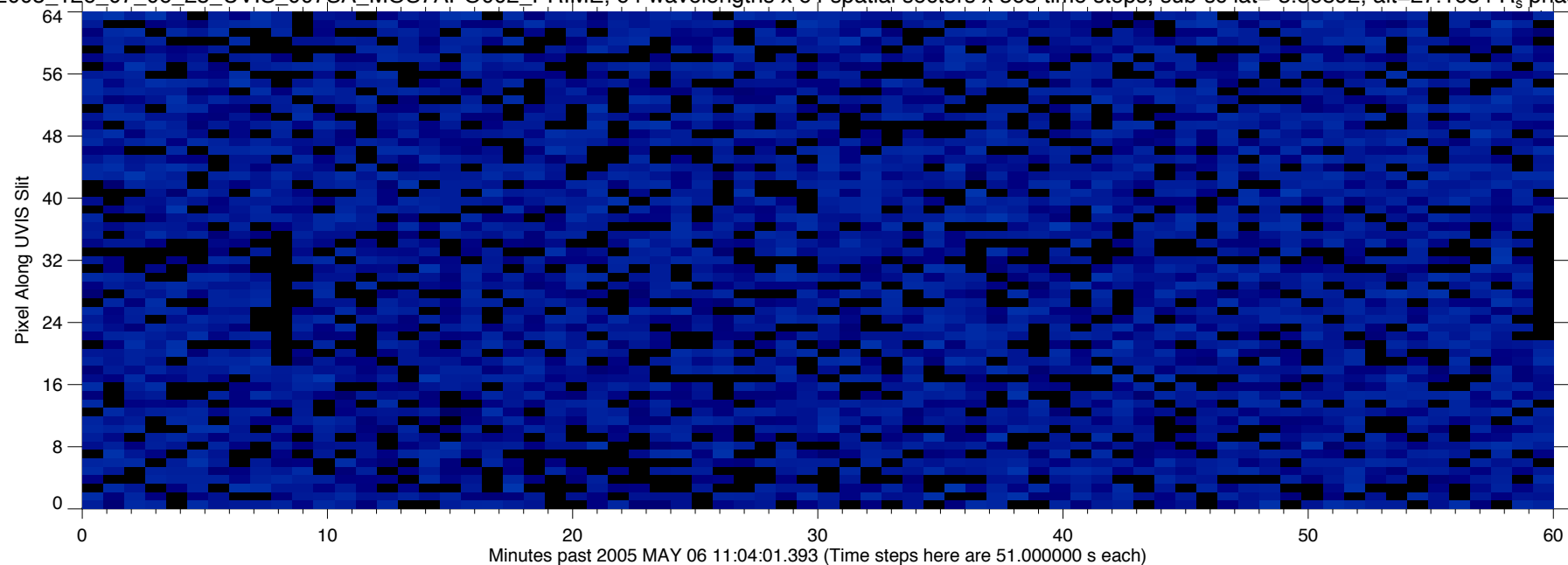
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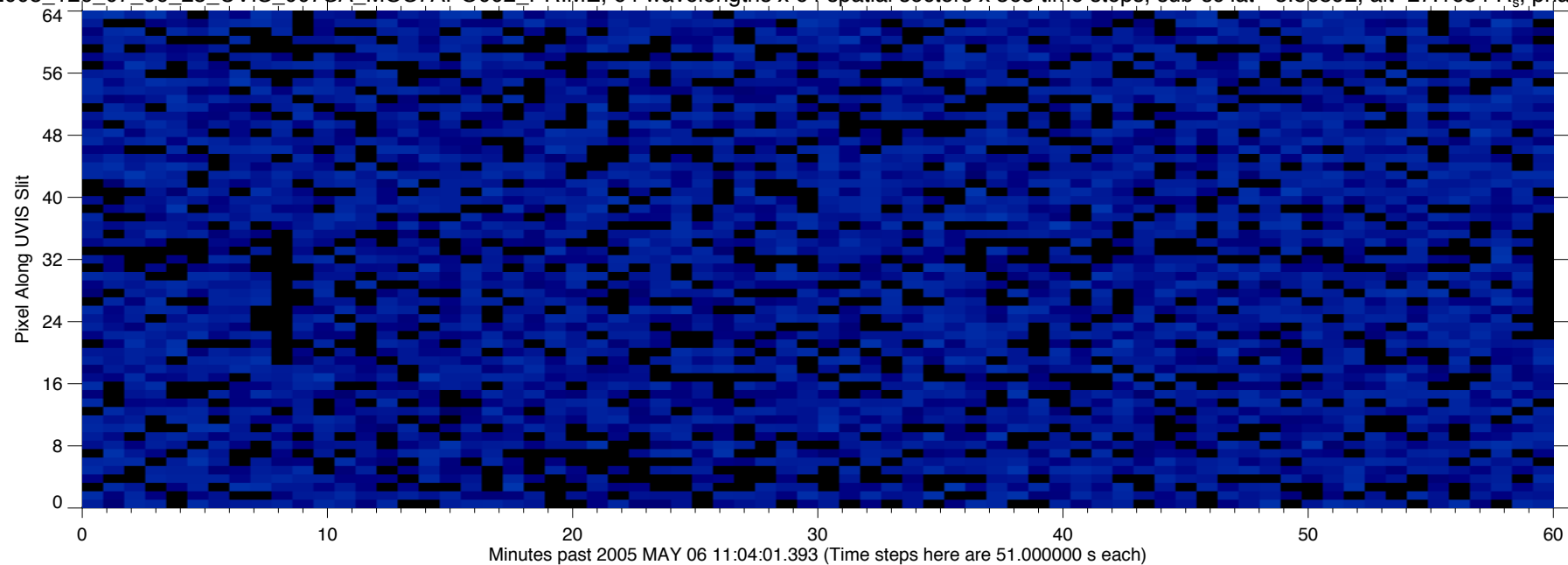
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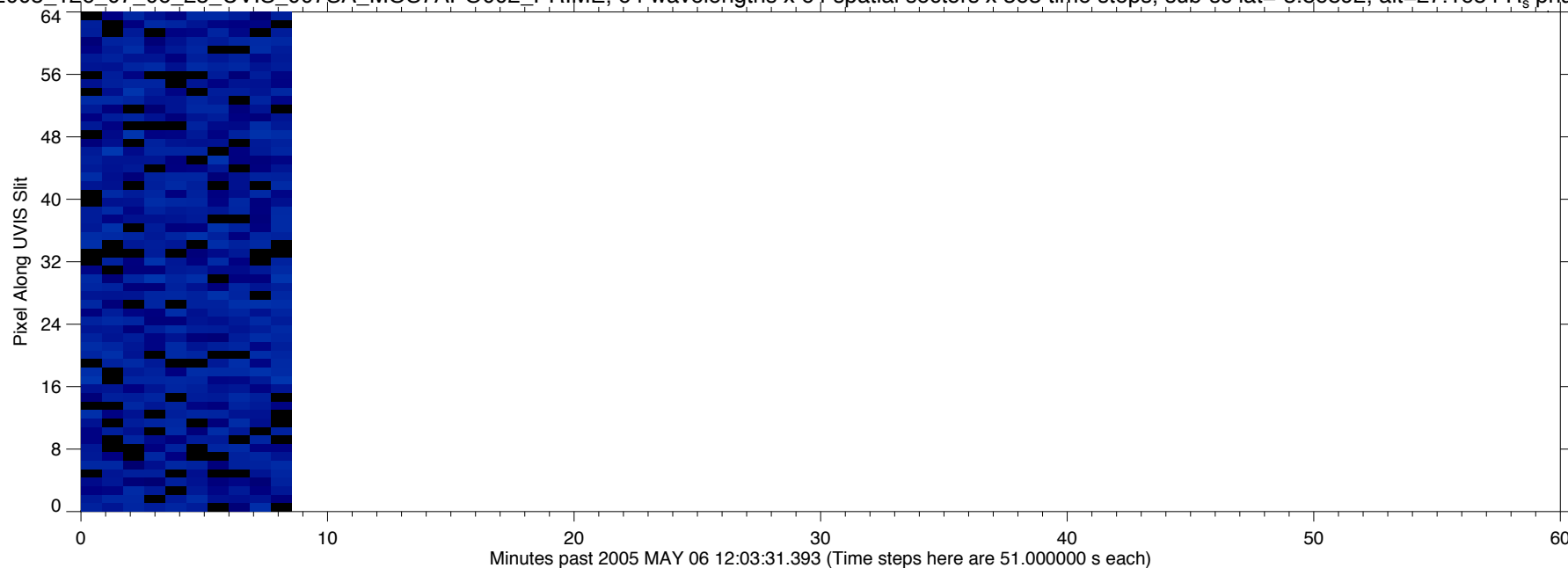
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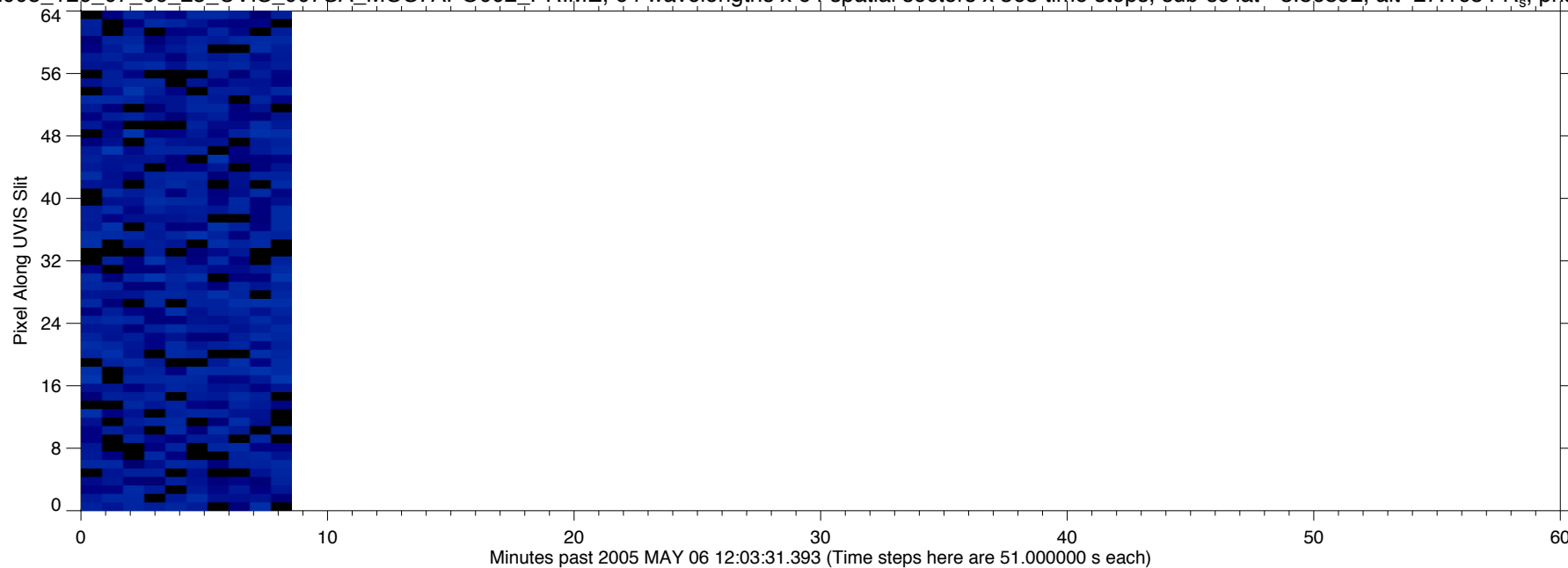
FUV2005_126_07_06_25_UVIS_007SA_MOS7APO002_PRIME, 64 wavelengths x 64 spatial sectors x 363 time steps, sub-sc lat=-3.86892, alt=27.1654 R_s, phase=89.0424



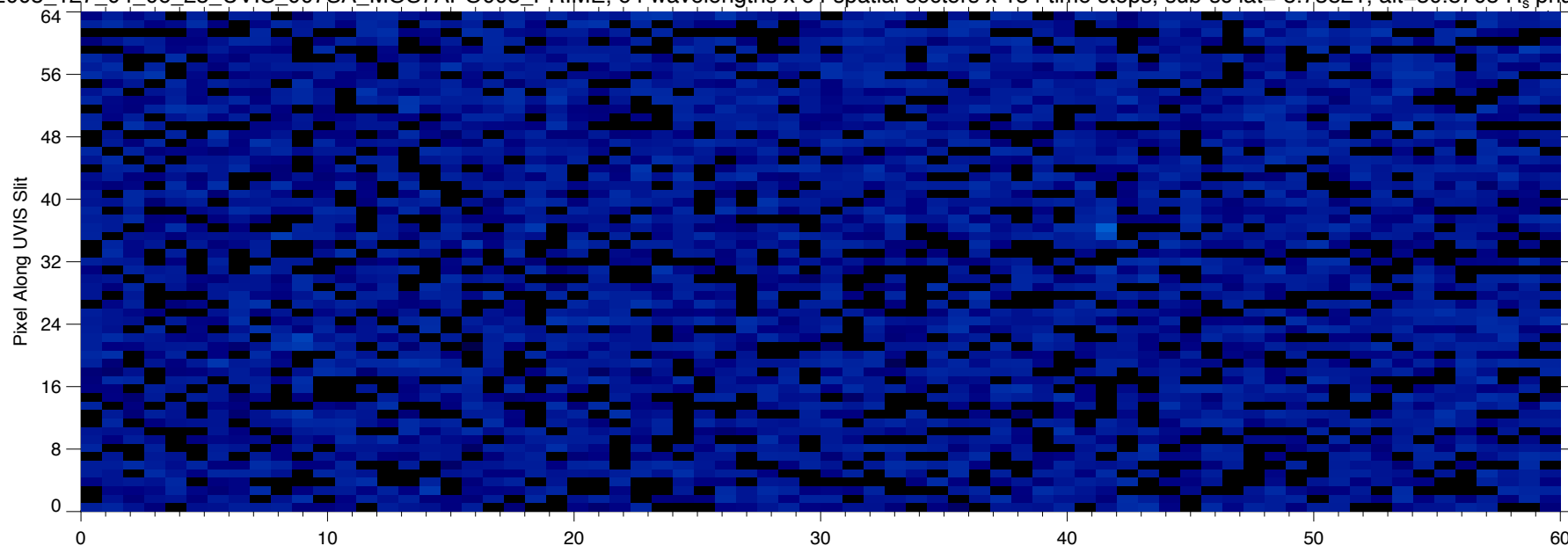
FUV2005_126_07_06_25_UVIS_007SA_MOS7APO002_PRIME, 64 wavelengths x 64 spatial sectors x 363 time steps, sub-sc lat=-3.86892, alt=27.1654 R_s, phase=89.0424



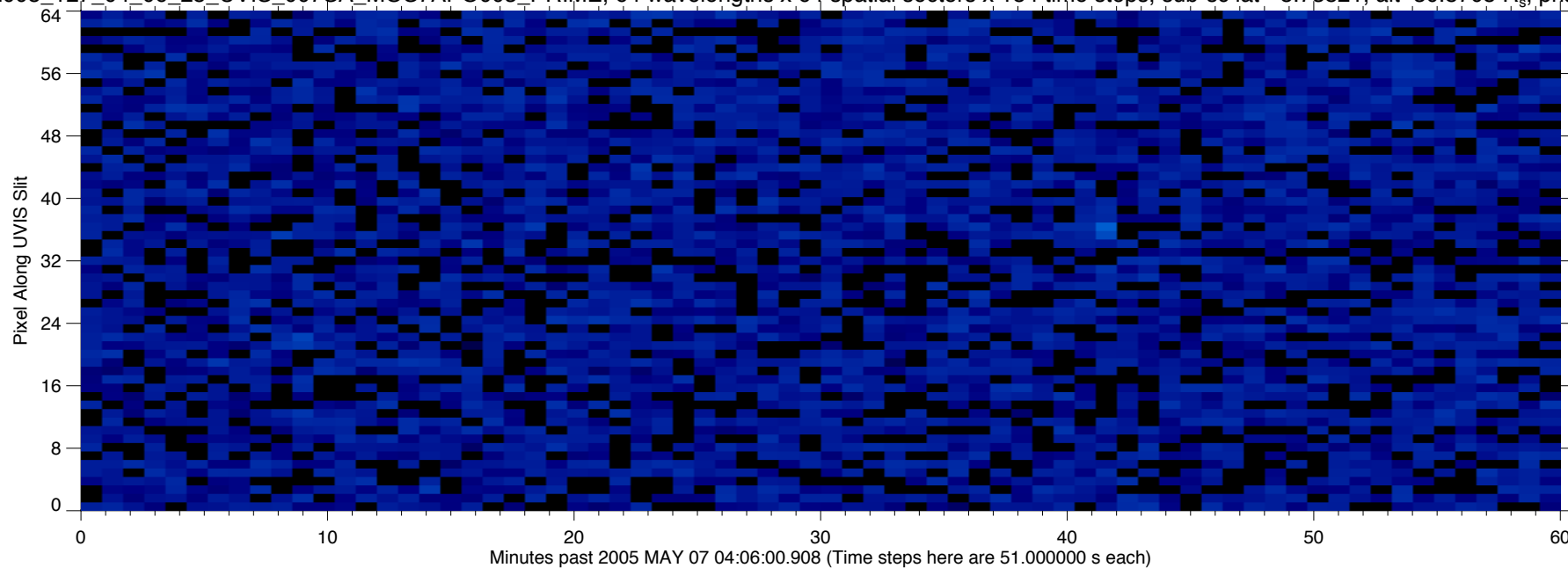
FUV2005_126_07_06_25_UVIS_007SA_MOS7APO002_PRIME, 64 wavelengths x 64 spatial sectors x 363 time steps, sub-sc lat=-3.86892, alt=27.1654 R_s, phase=89.0424



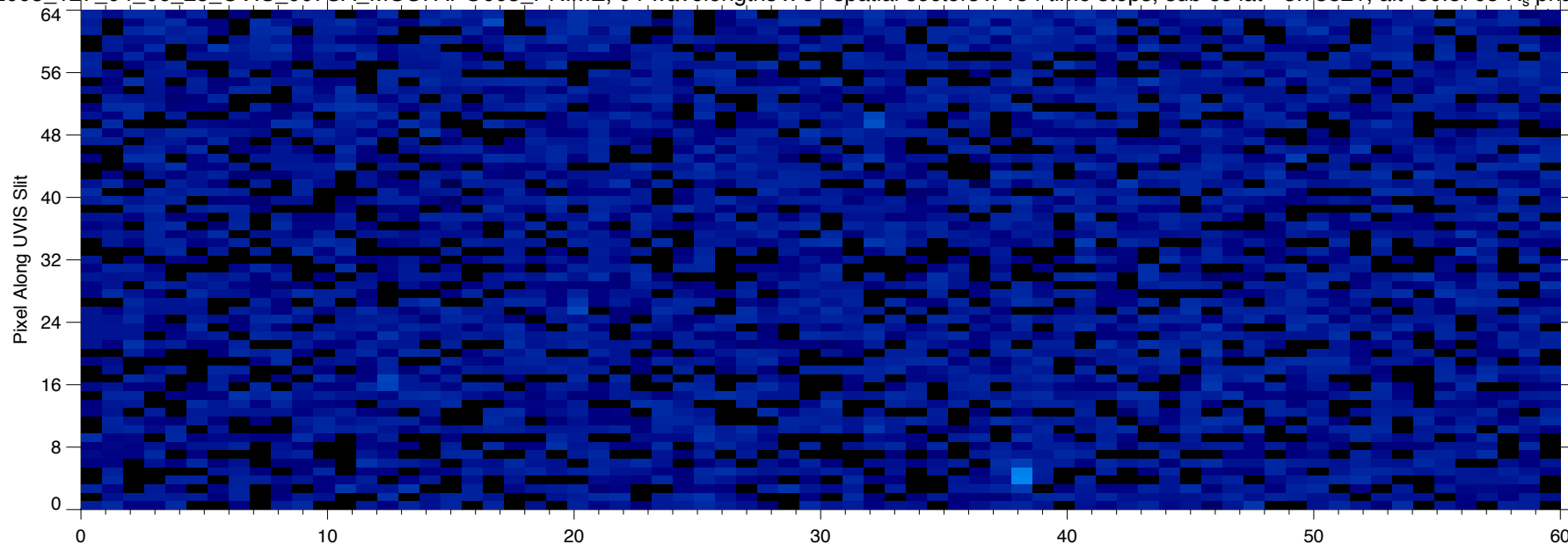
FUV2005_127_04_06_25_UVIS_007SA_MOS7APO003_PRIME, 64 wavelengths x 64 spatial sectors x 154 time steps, sub-sc lat=-5.73821, alt=30.8705 R_s phase=83.9507



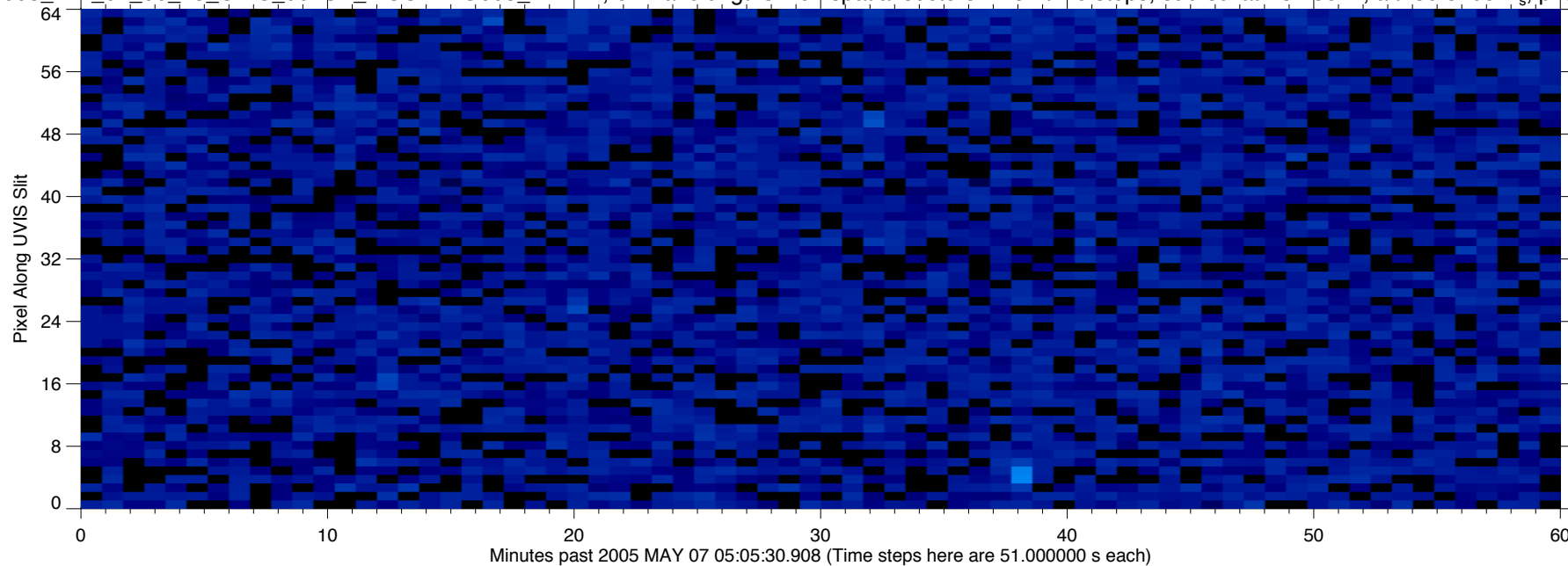
FUV2005_127_04_06_25_UVIS_007SA_MOS7APO003_PRIME, 64 wavelengths x 64 spatial sectors x 154 time steps, sub-sc lat=-5.73821, alt=30.8705 R_s phase=83.9507



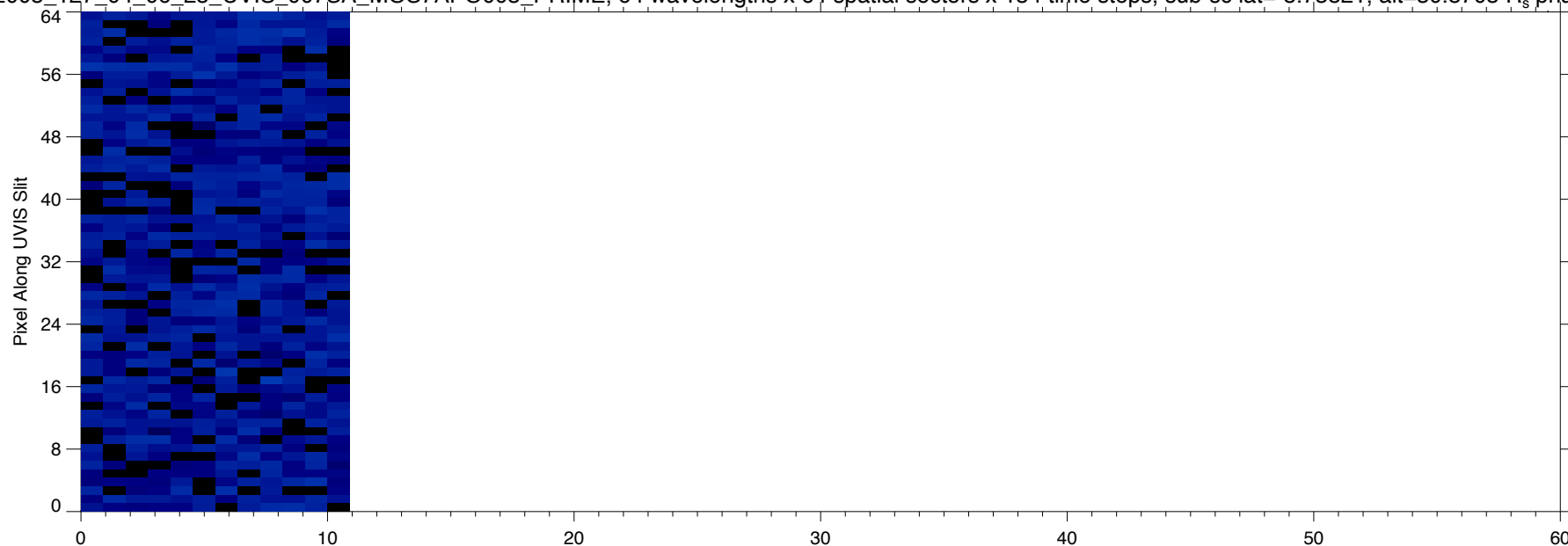
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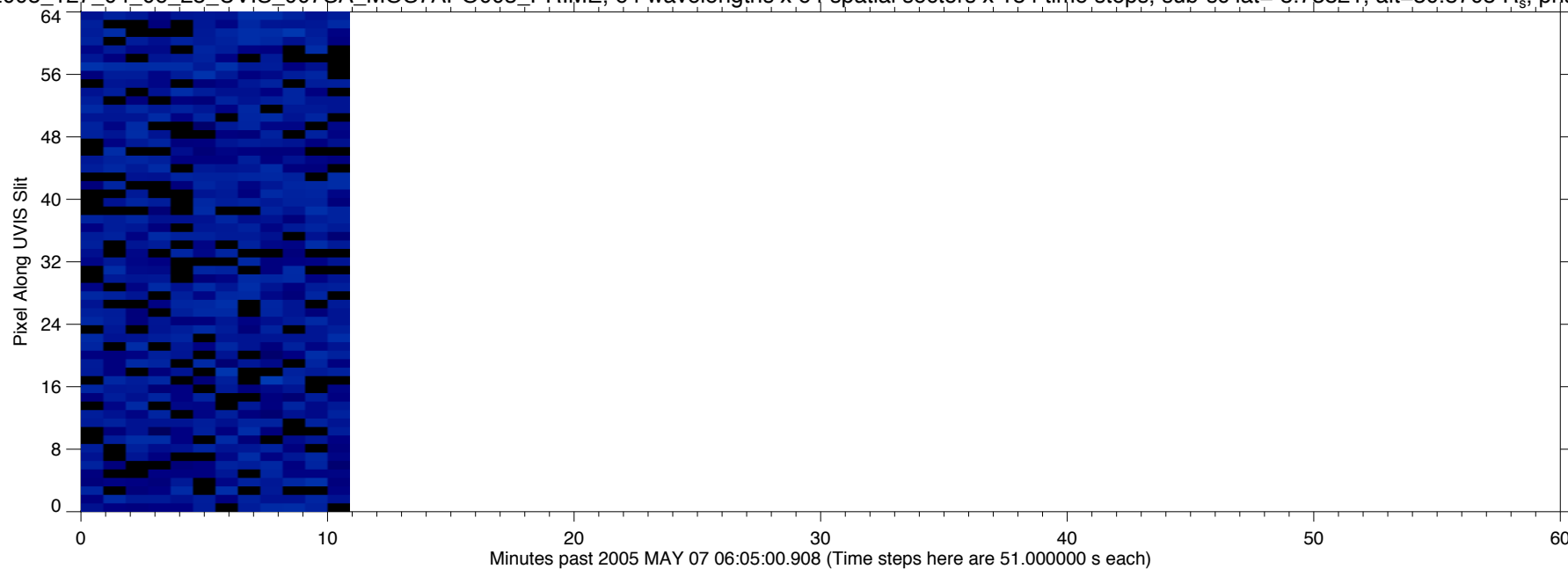
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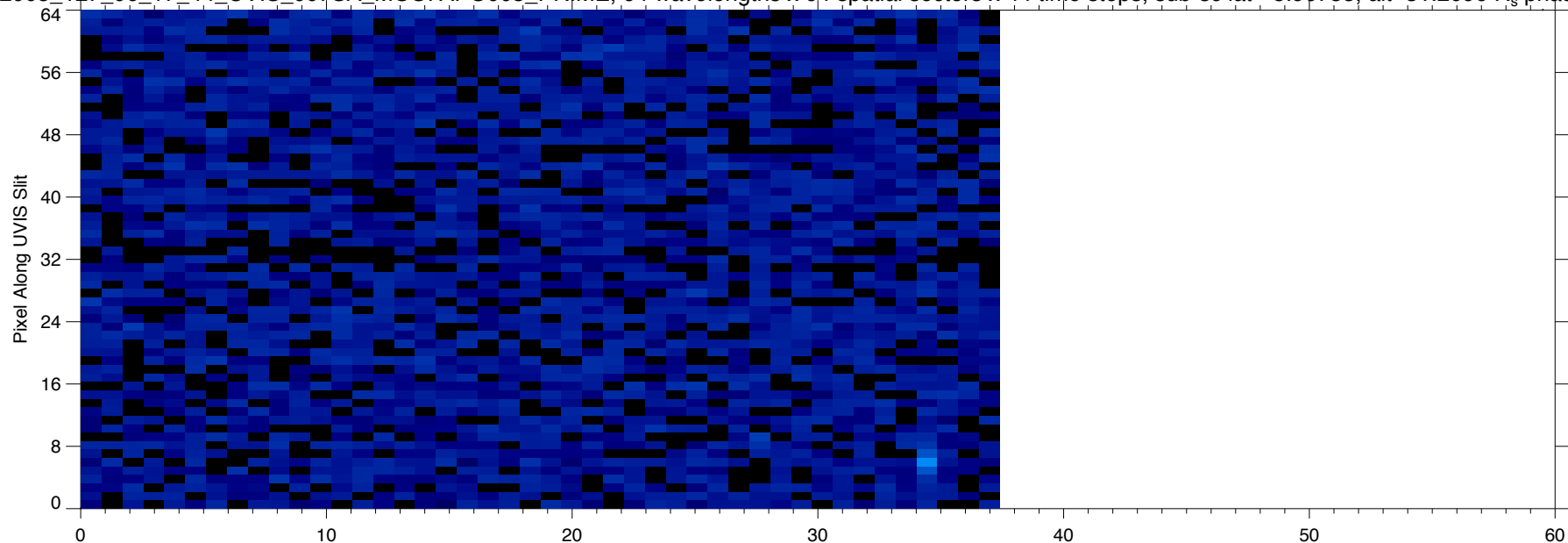
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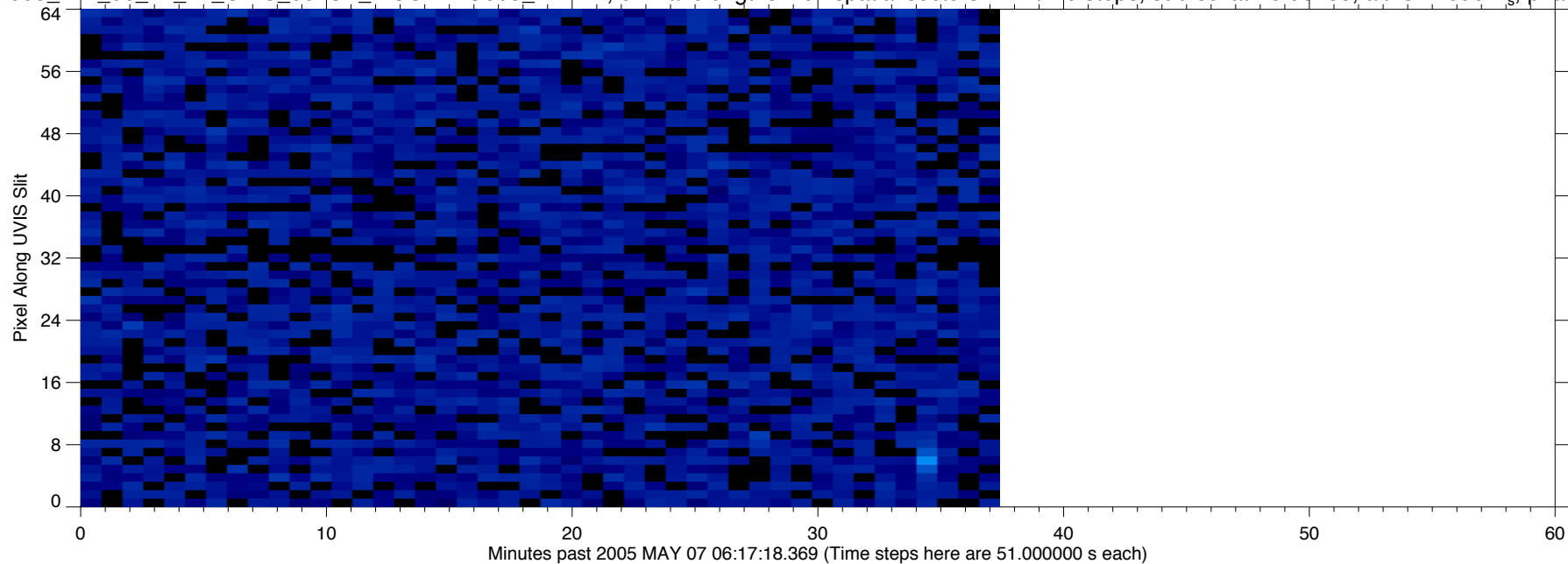
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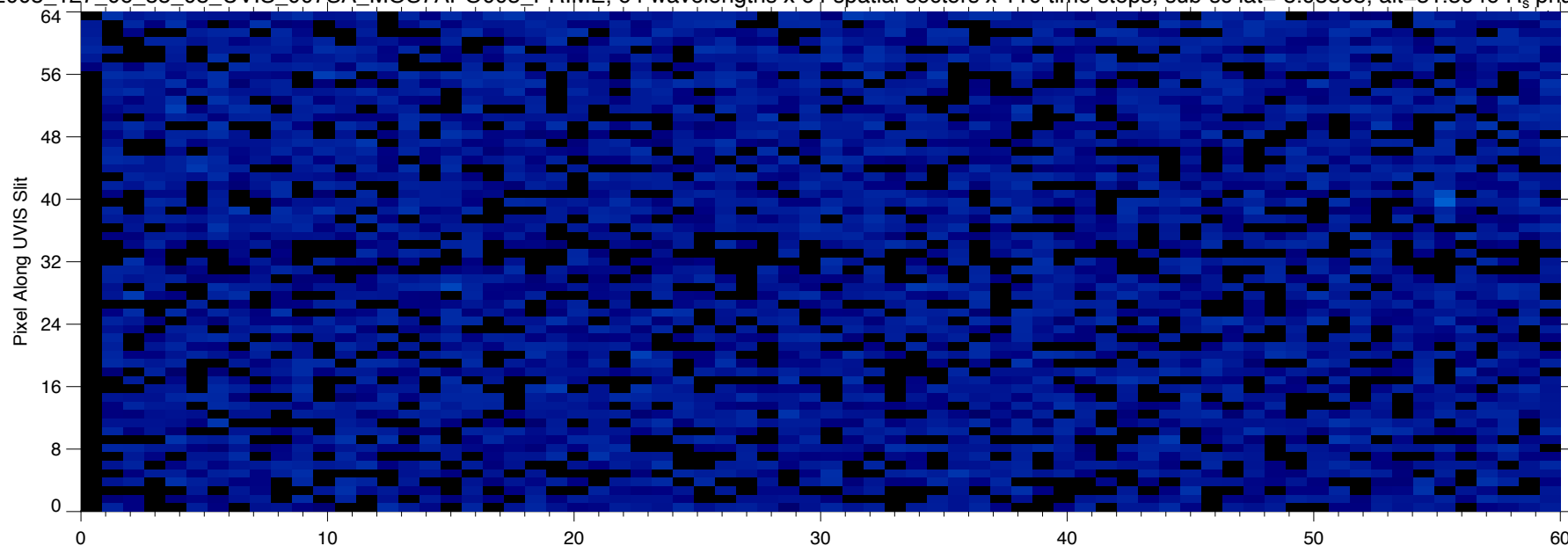
FUV2005_127_06_17_44_UVIS_007SA_MOS7APO003_PRIME, 64 wavelengths x 64 spatial sectors x 44 time steps, sub-sc lat=-5.90755, alt=31.2096 R_s, phase=83.4849



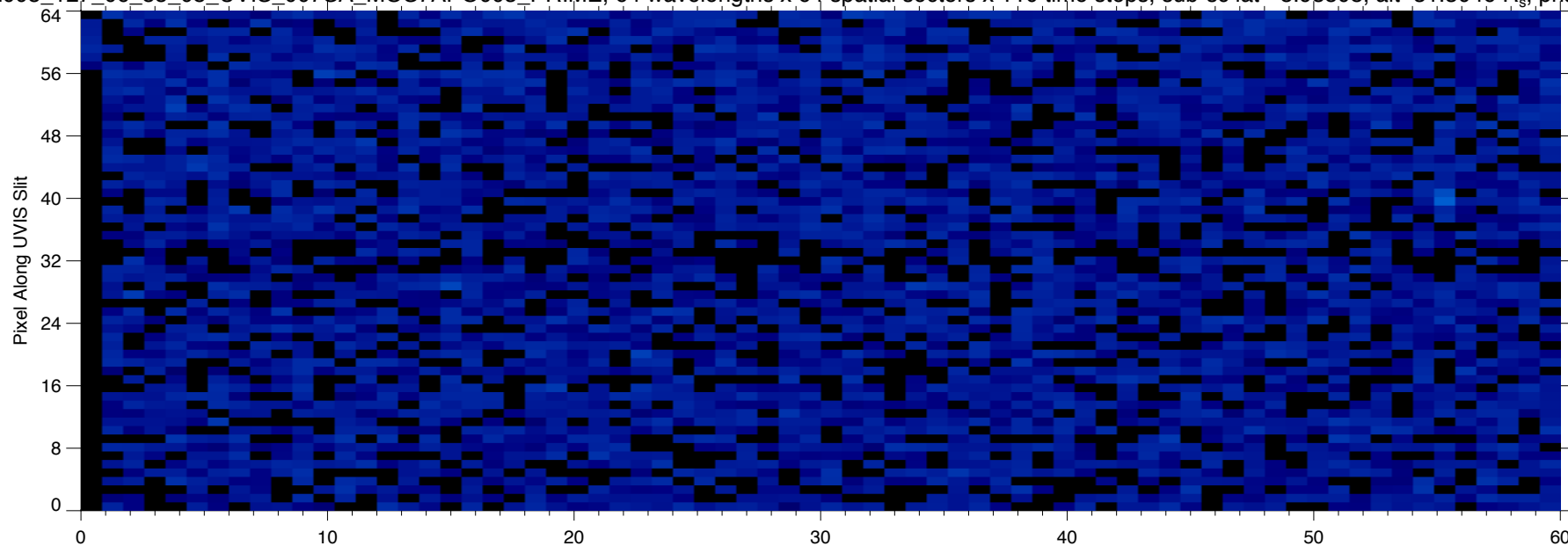
FUV2005_127_06_17_44_UVIS_007SA_MOS7APO003_PRIME, 64 wavelengths x 64 spatial sectors x 44 time steps, sub-sc lat=-5.90755, alt=31.2096 R_s, phase=83.4849



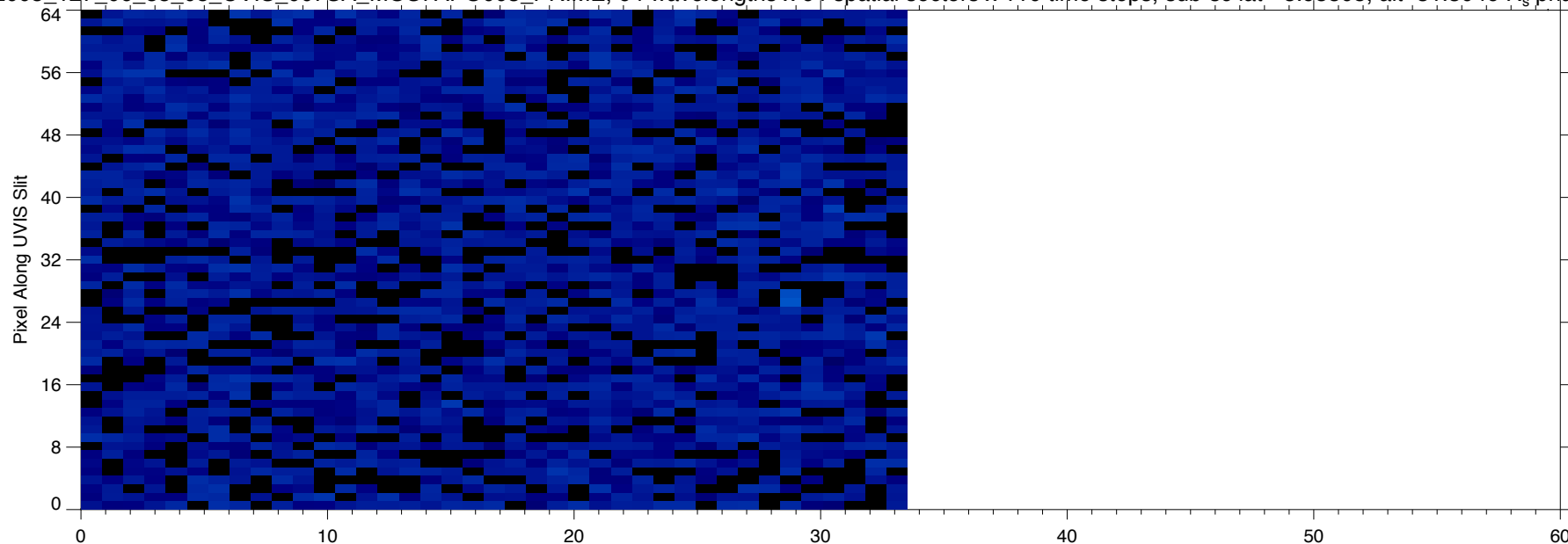
FUV2005_127_06_55_08_UVIS_007SA_MOS7APO003_PRIME, 64 wavelengths x 64 spatial sectors x 110 time steps, sub-sc lat=-5.95508, alt=31.3046 R_s, phase=83.3541



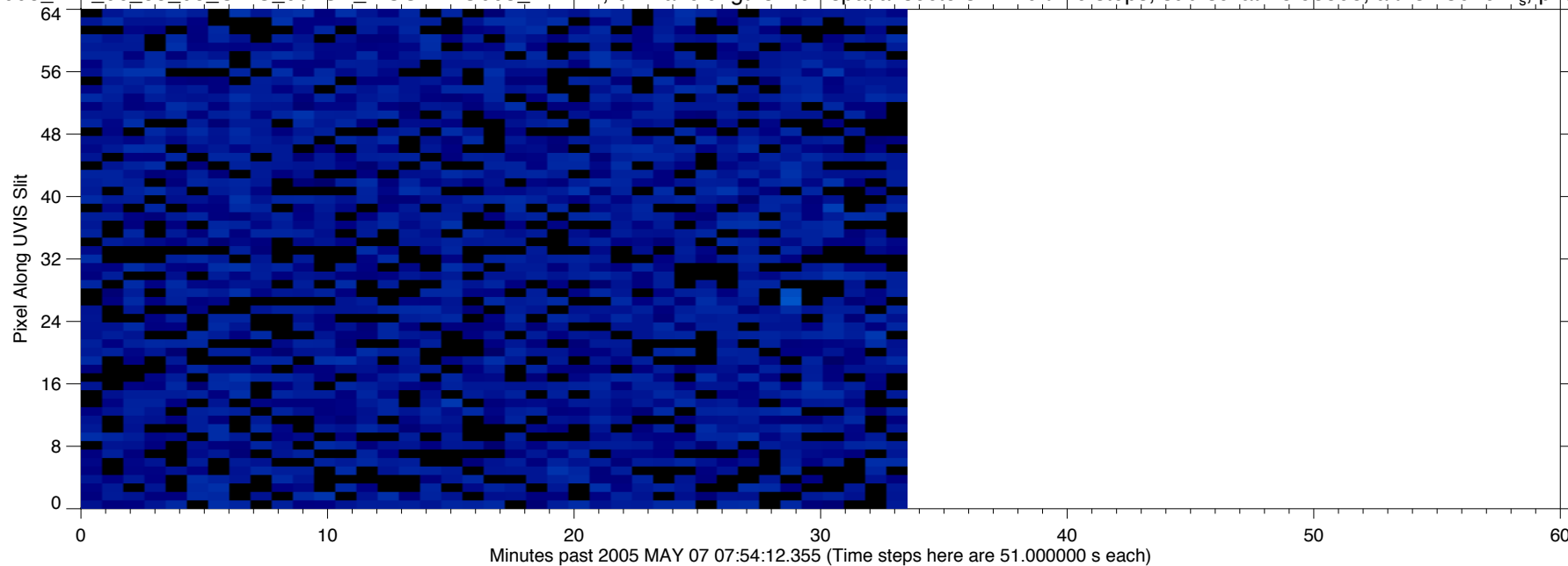
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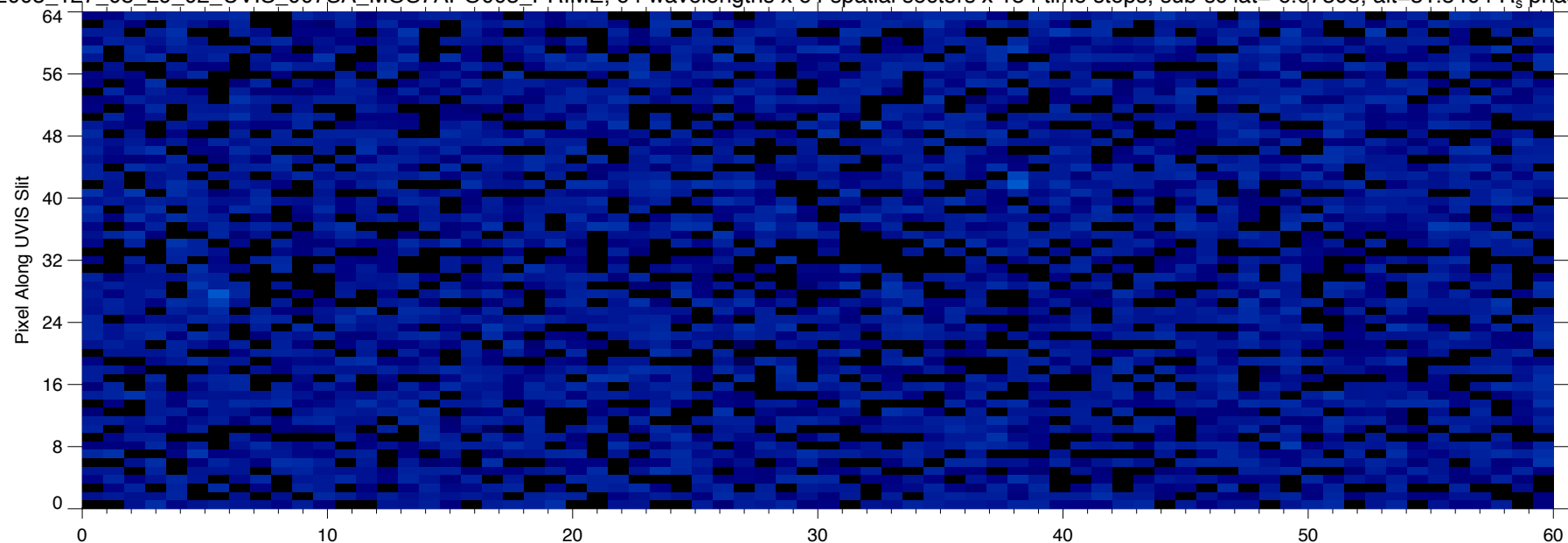
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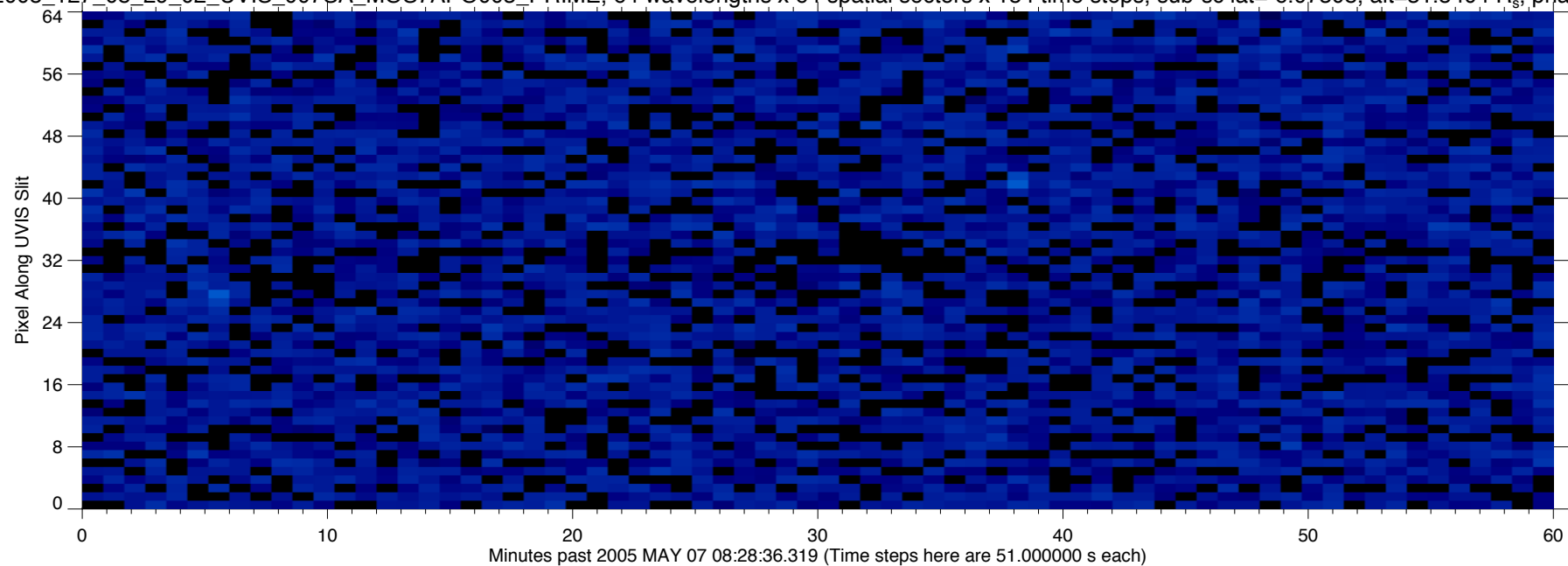
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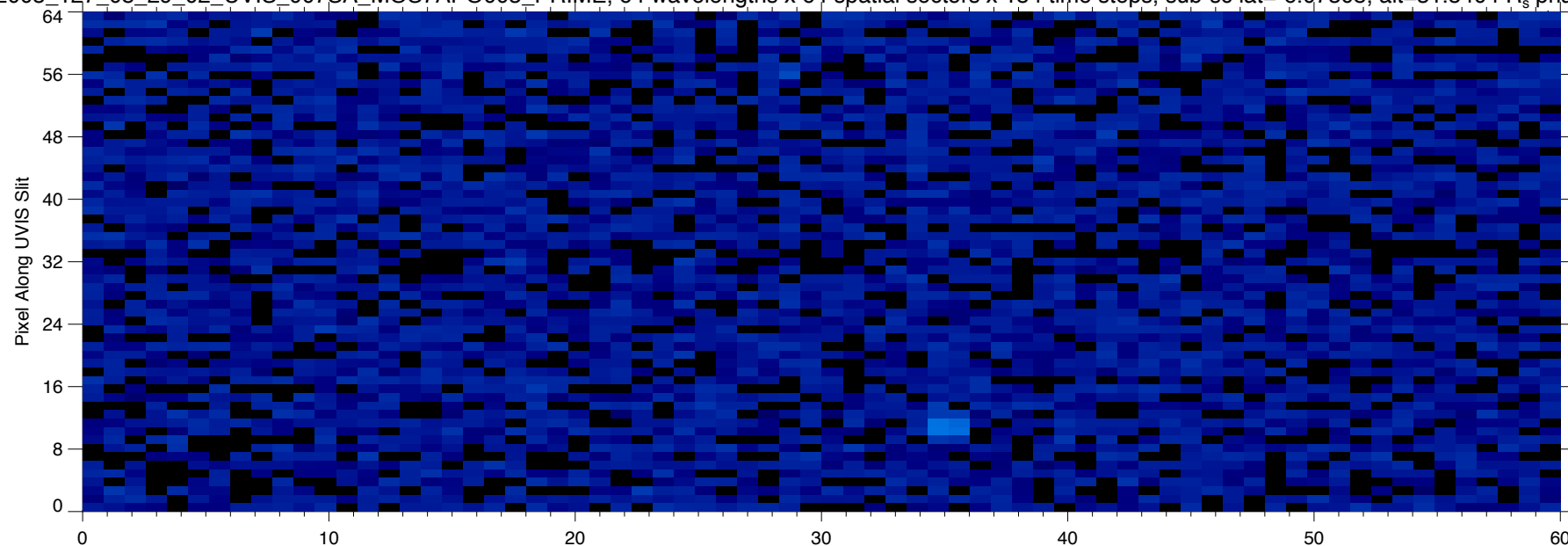
FUV2005_127_08_29_02_UVIS_007SA_MOS7APO003_PRIME, 64 wavelengths x 64 spatial sectors x 154 time steps, sub-sc lat=-6.07308, alt=31.5404 R_s phase=83.0289



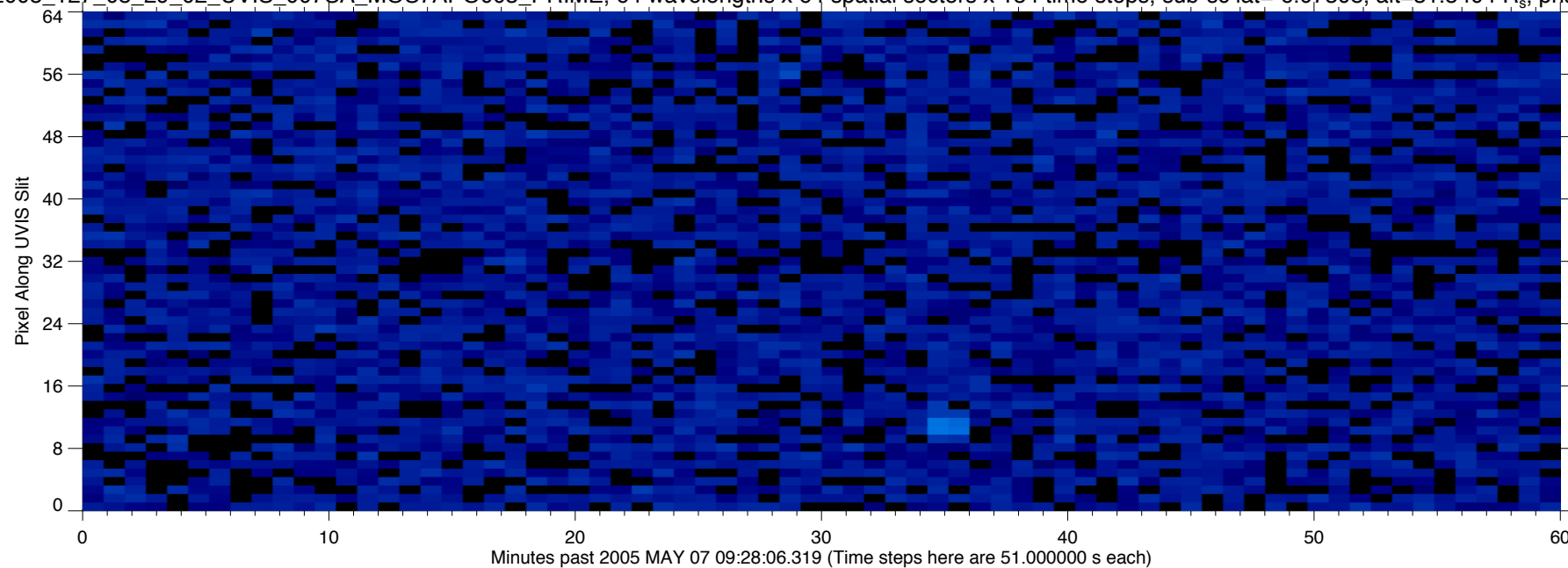
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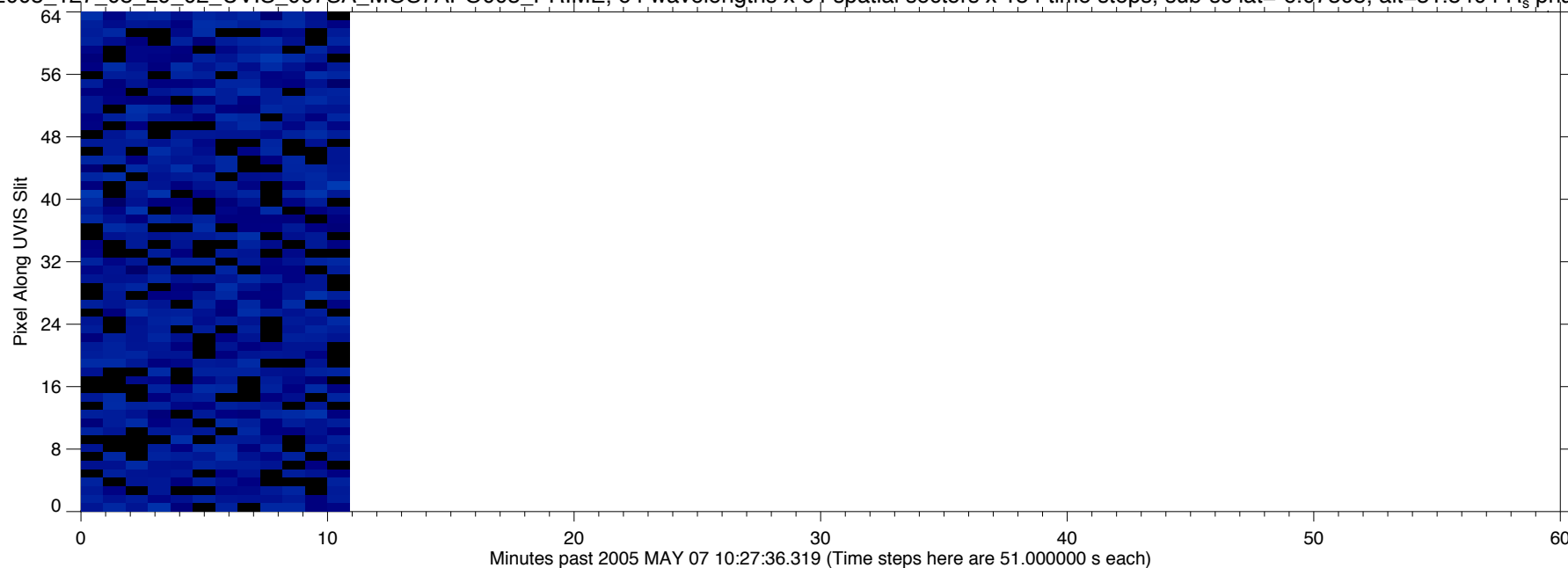
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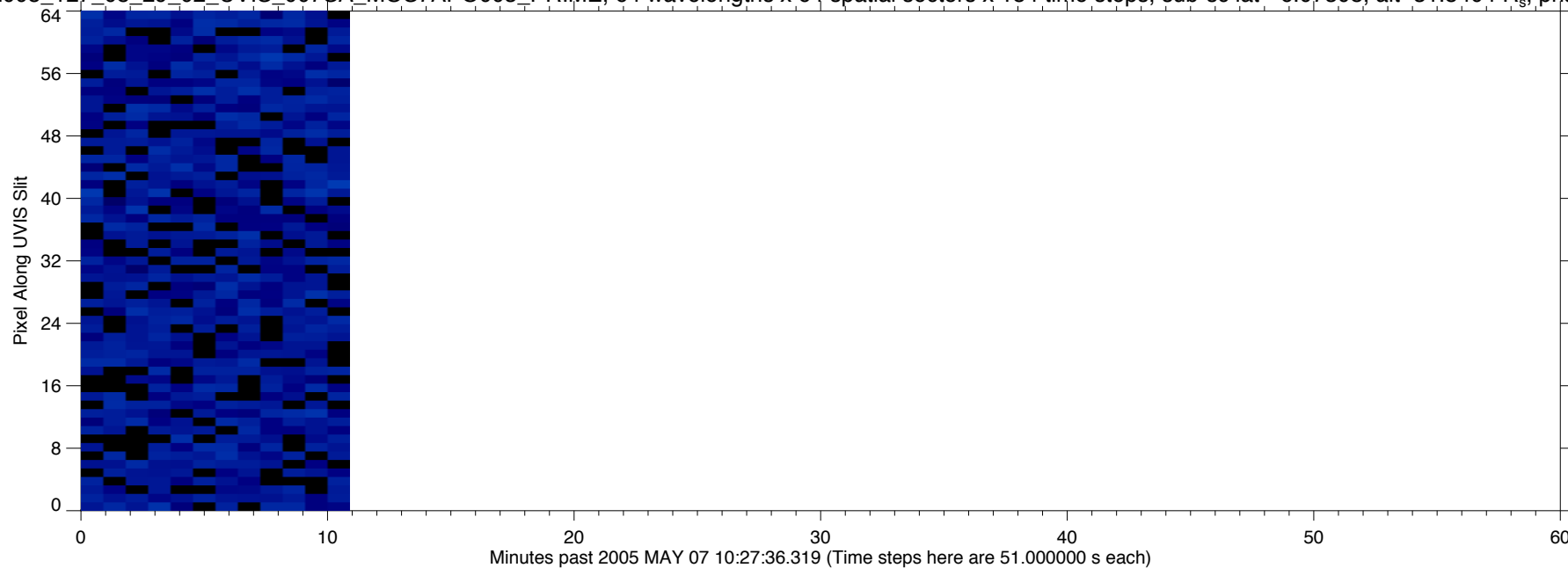
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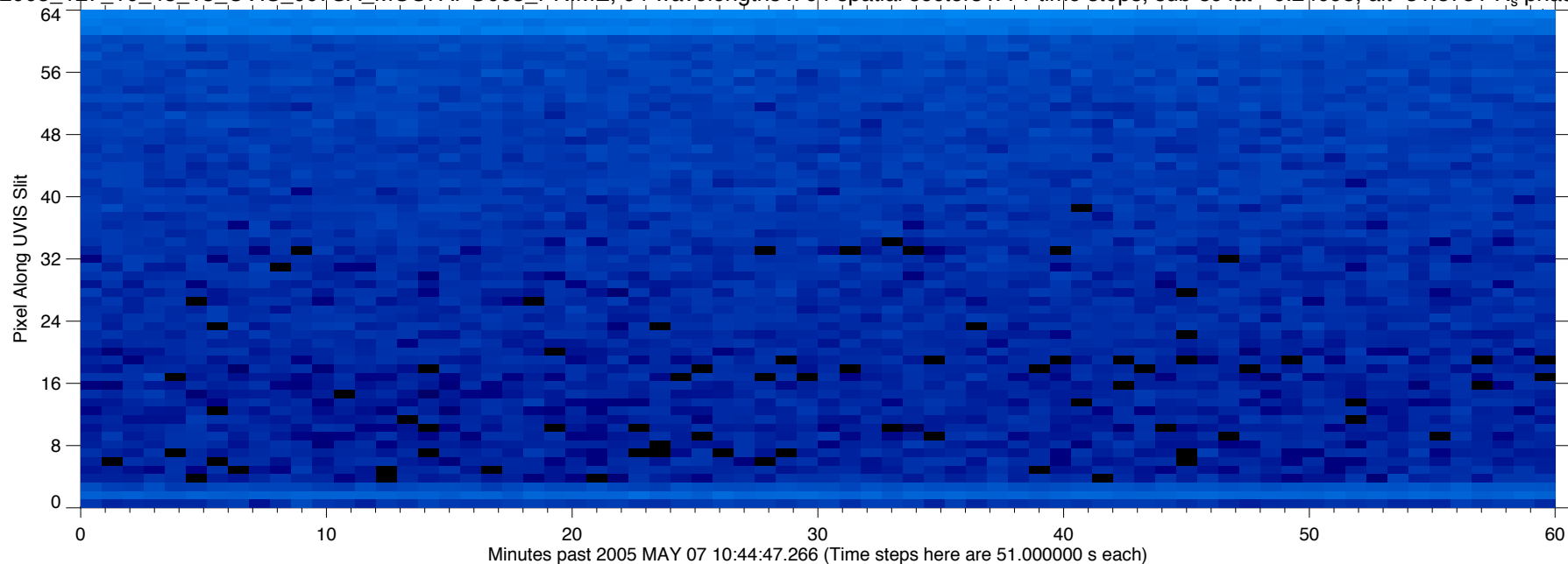
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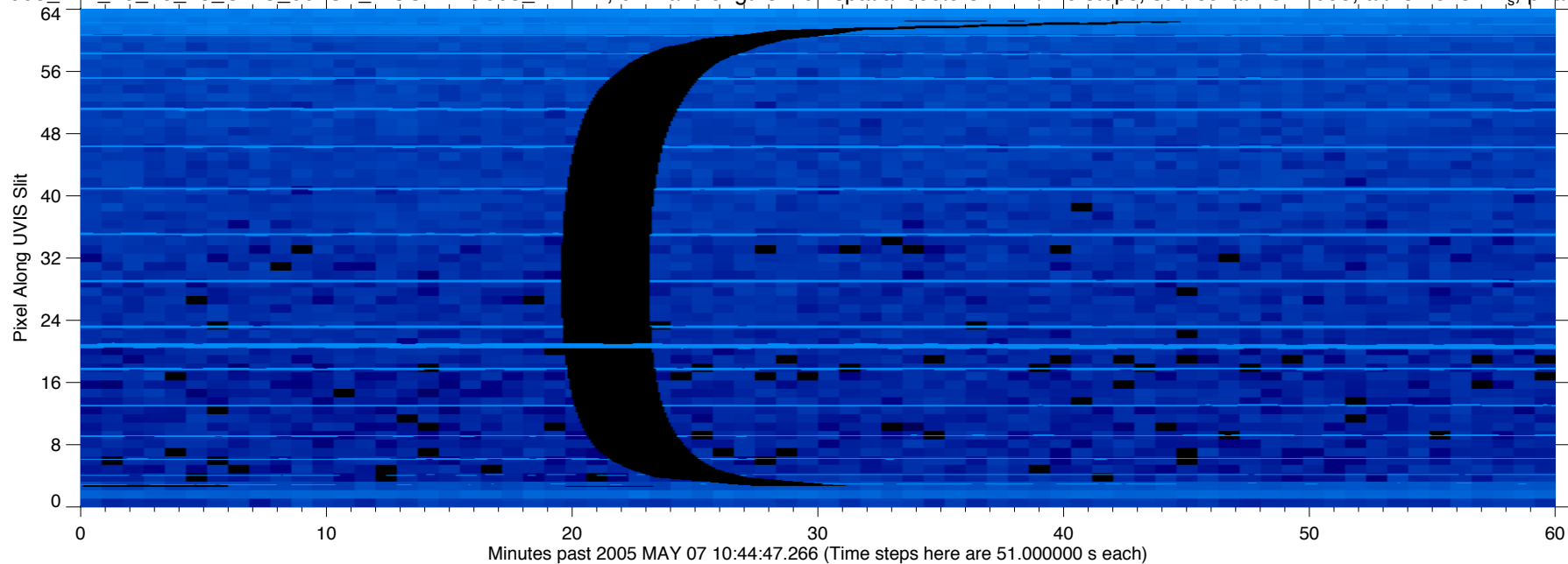
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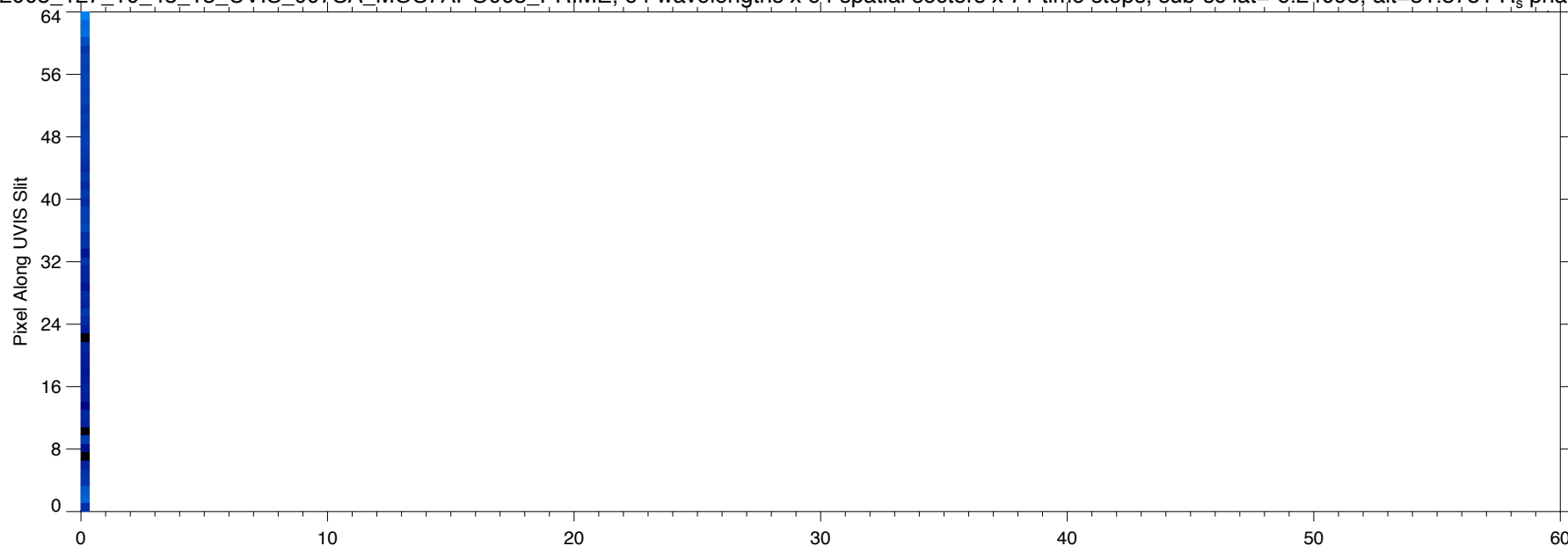
FUV2005_127_10_45_13_UVIS_007SA_MOS7APO003_PRIME, 64 wavelengths x 64 spatial sectors x 71 time steps, sub-sc lat=-6.24095, alt=31.8751 R_s phase=82.5655



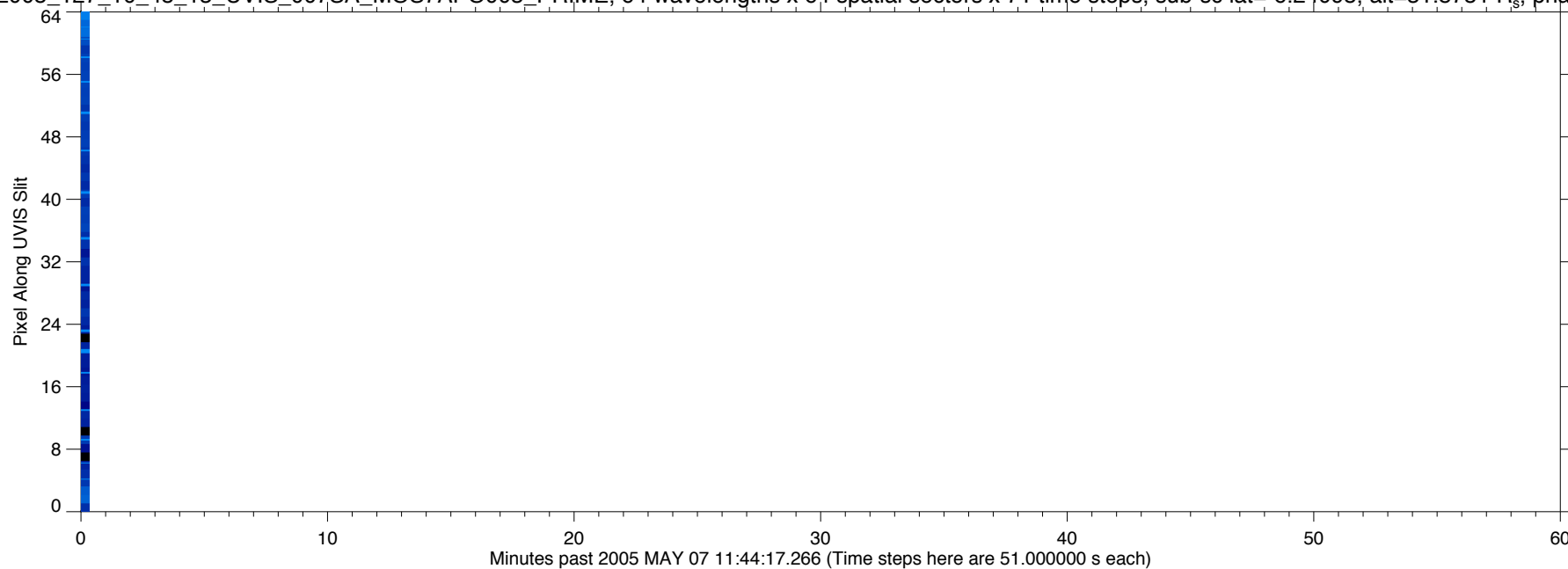
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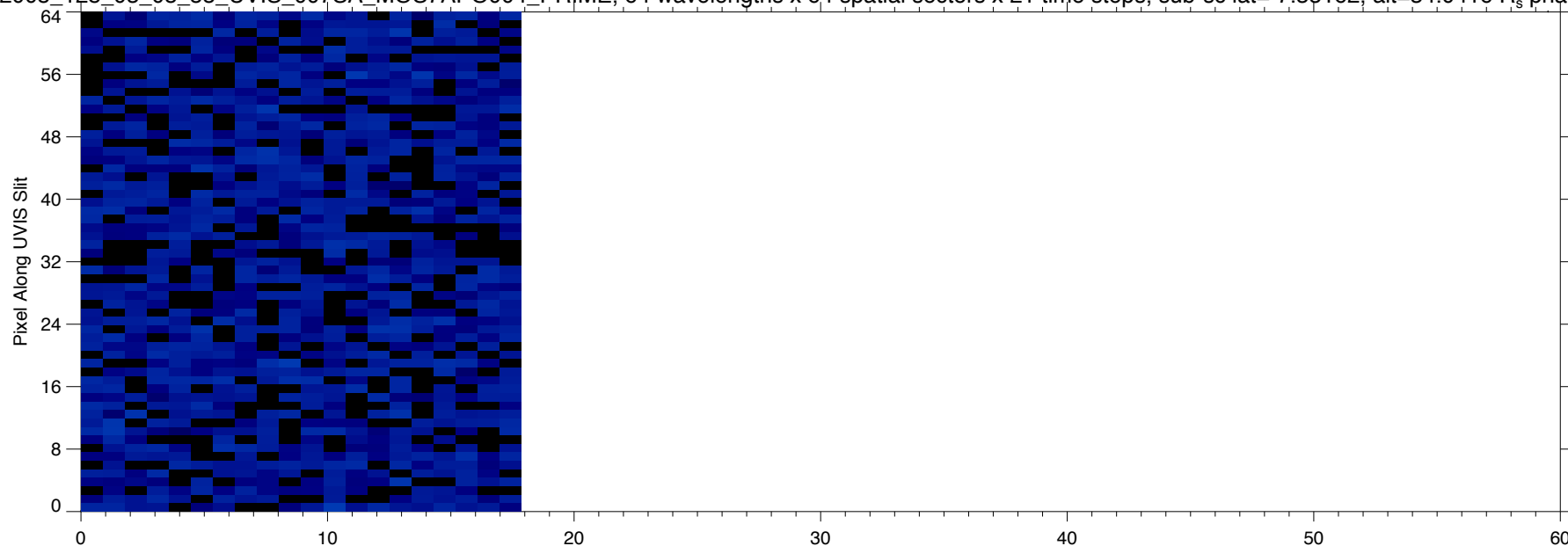
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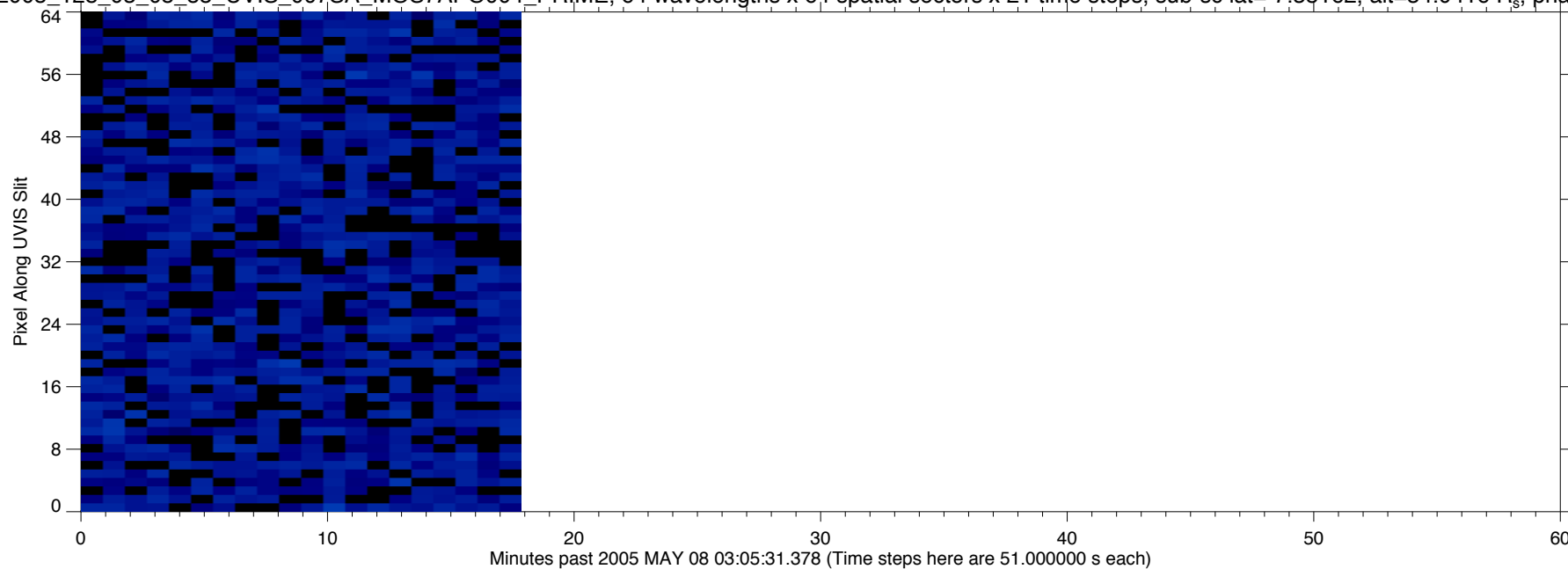
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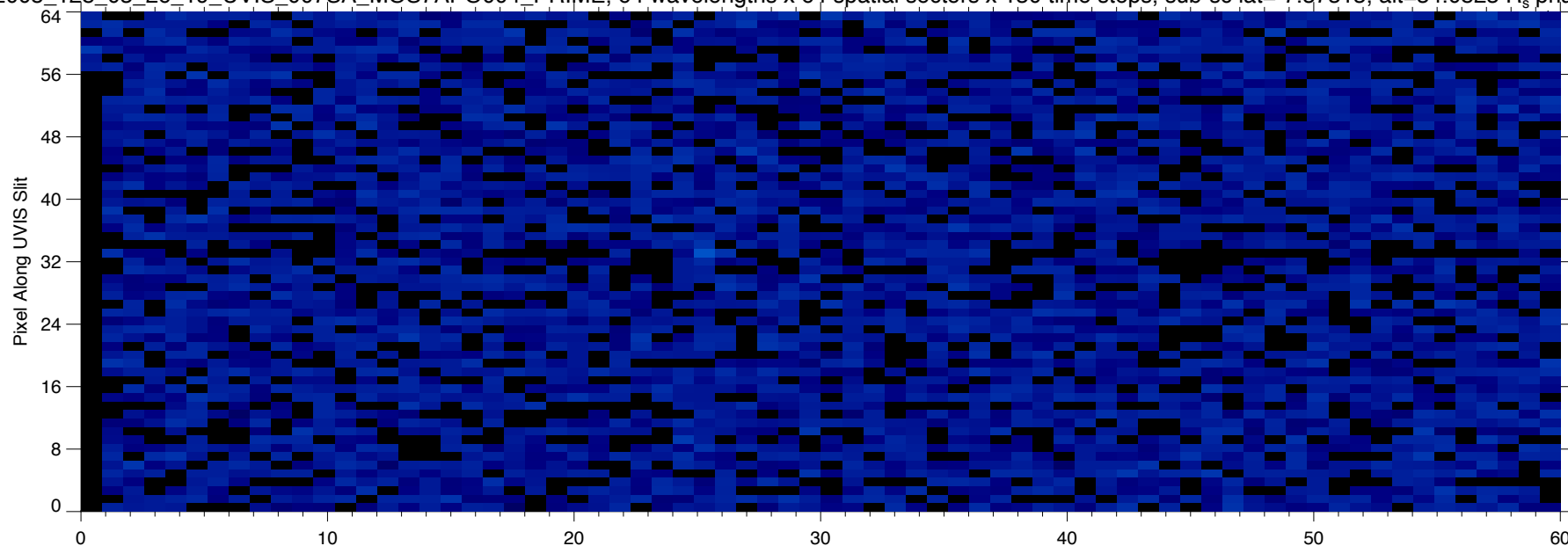
FUV2005_128_03_05_55_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 21 time steps, sub-sc lat=-7.35162, alt=34.0416 R_s phase=79.4745



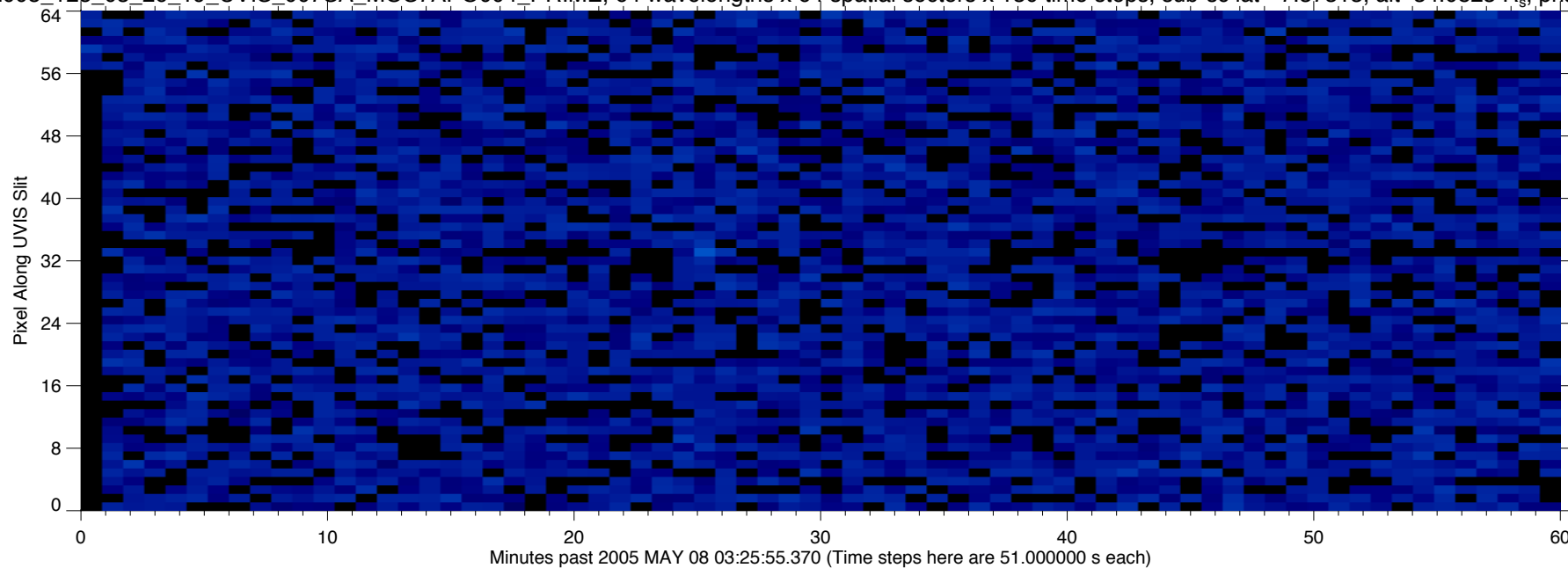
FUV2005_128_03_05_55_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 21 time steps, sub-sc lat=-7.35162, alt=34.0416 R_s, phase=79.4745



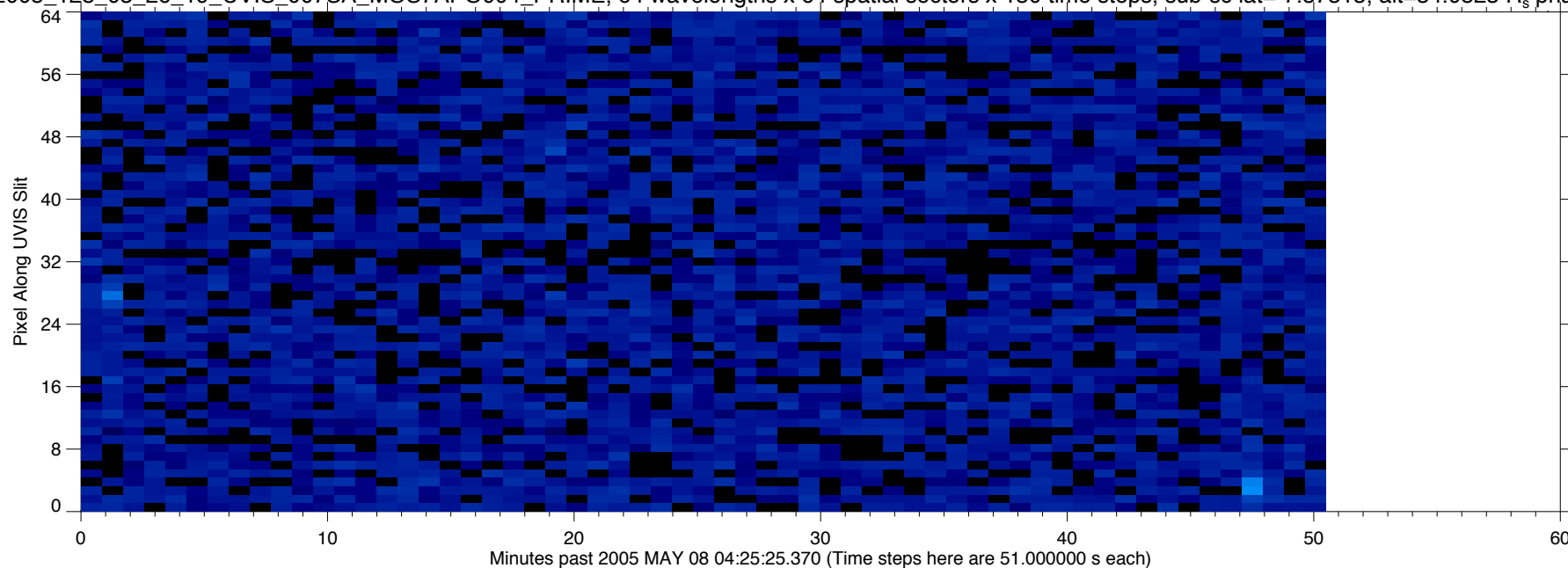
FUV2005_128_03_26_19_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 130 time steps, sub-sc lat=-7.37313, alt=34.0823 R_s, phase=79.4141



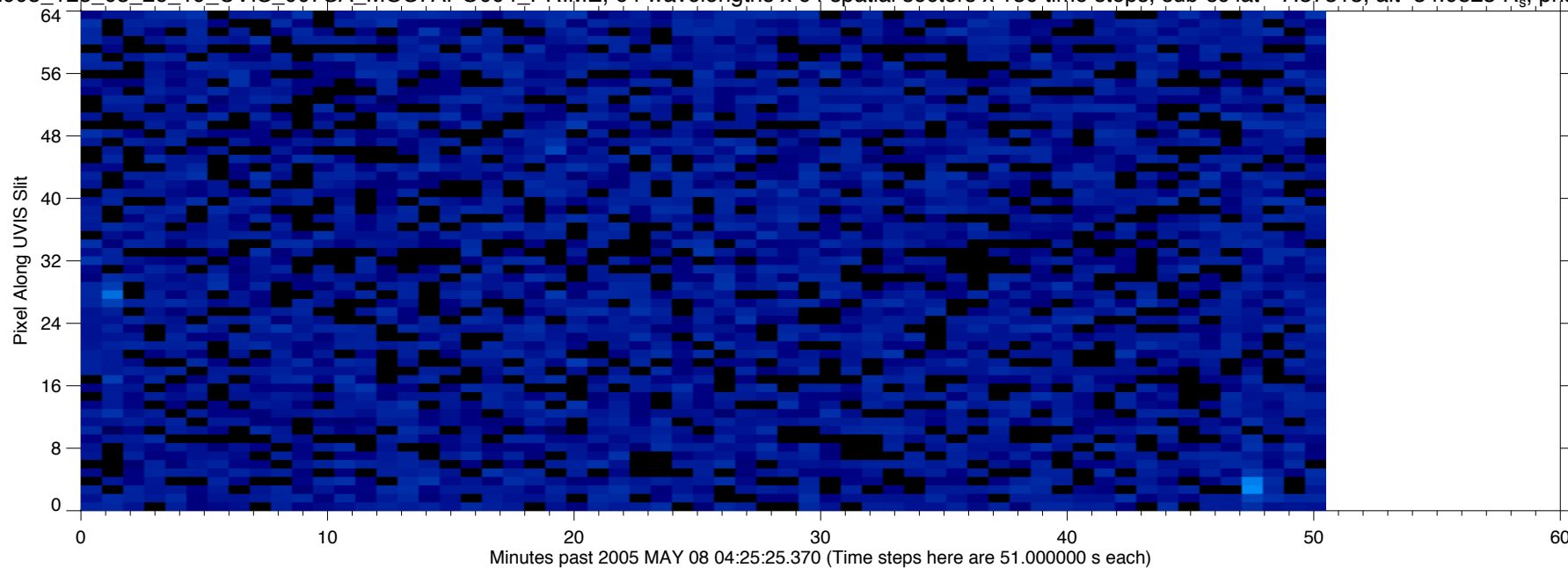
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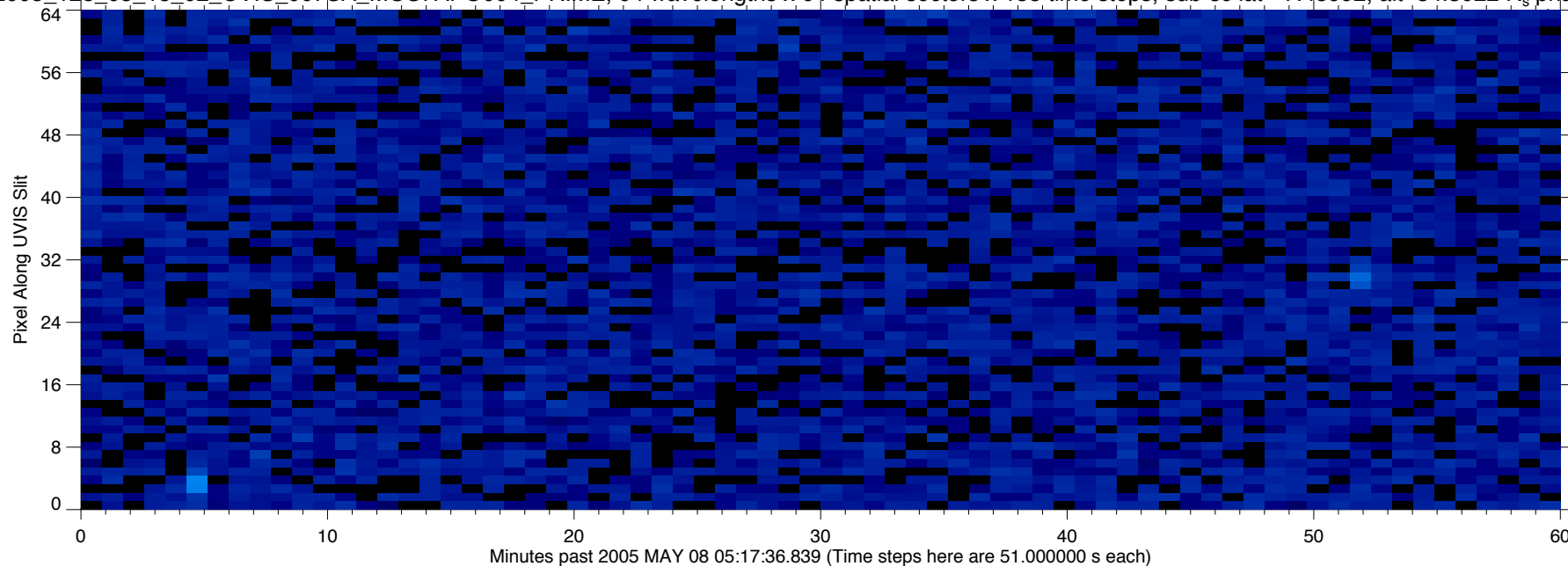
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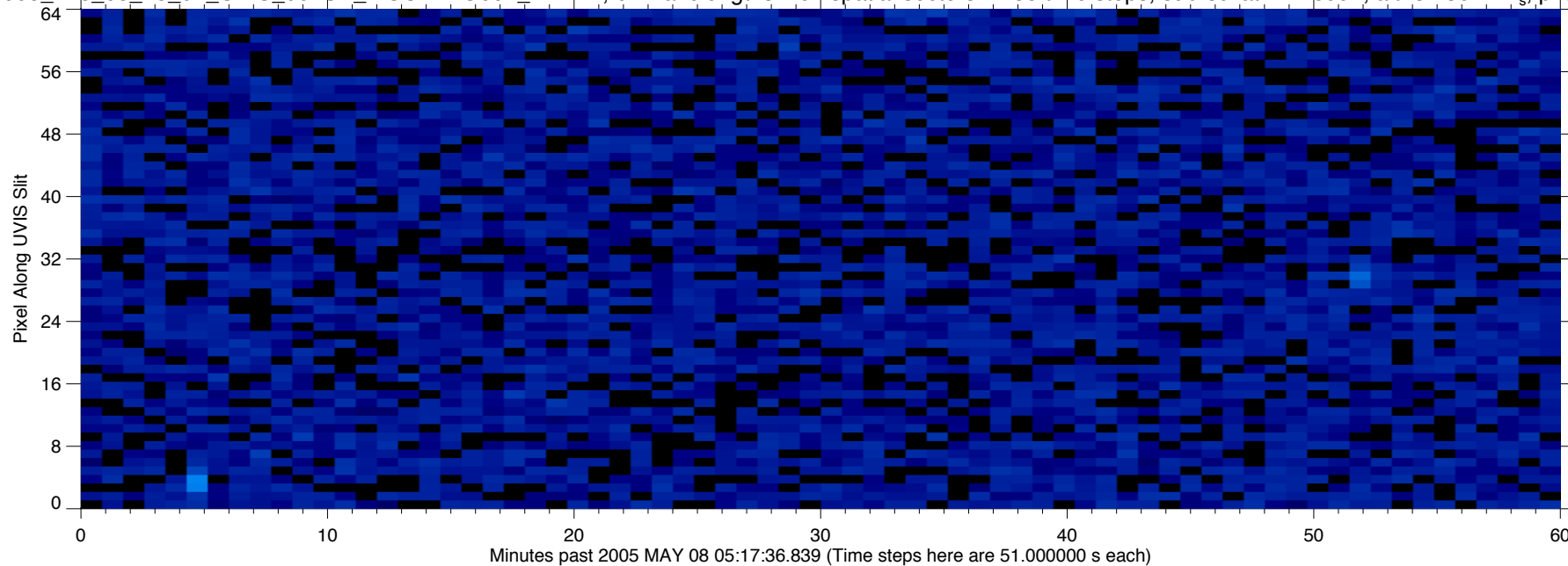
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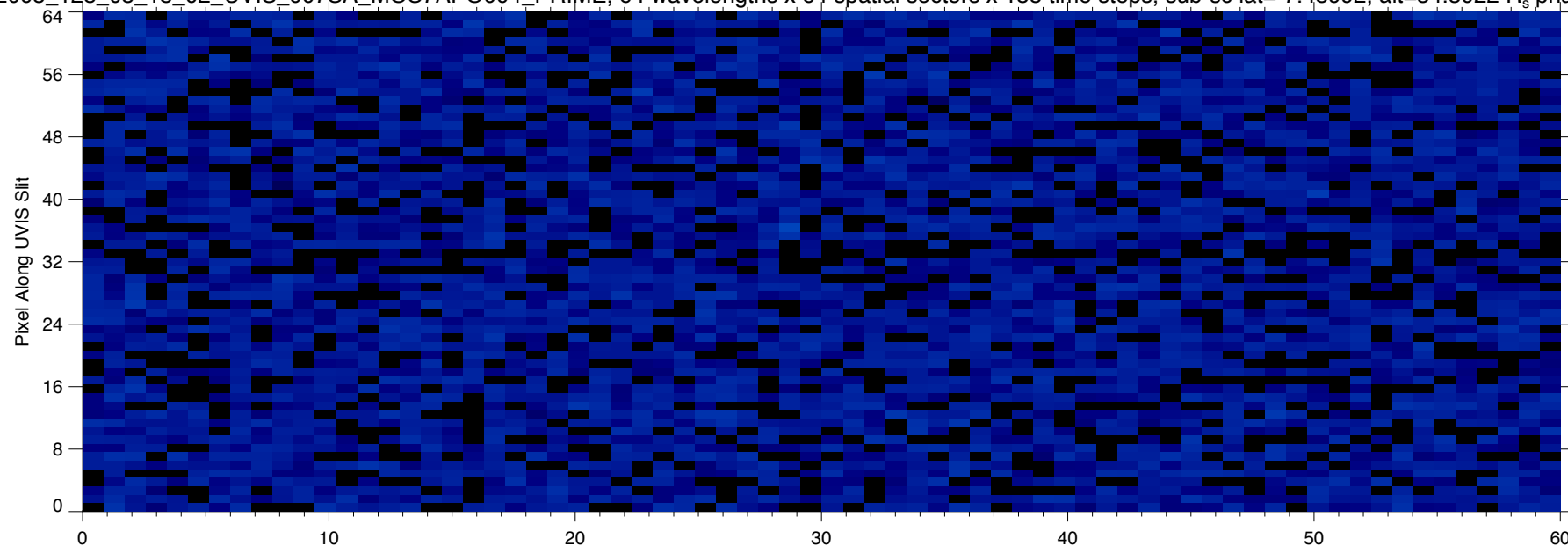
FUV2005_128_05_18_02_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 155 time steps, sub-sc lat=-7.48992, alt=34.3022 R_s phase=79.0863



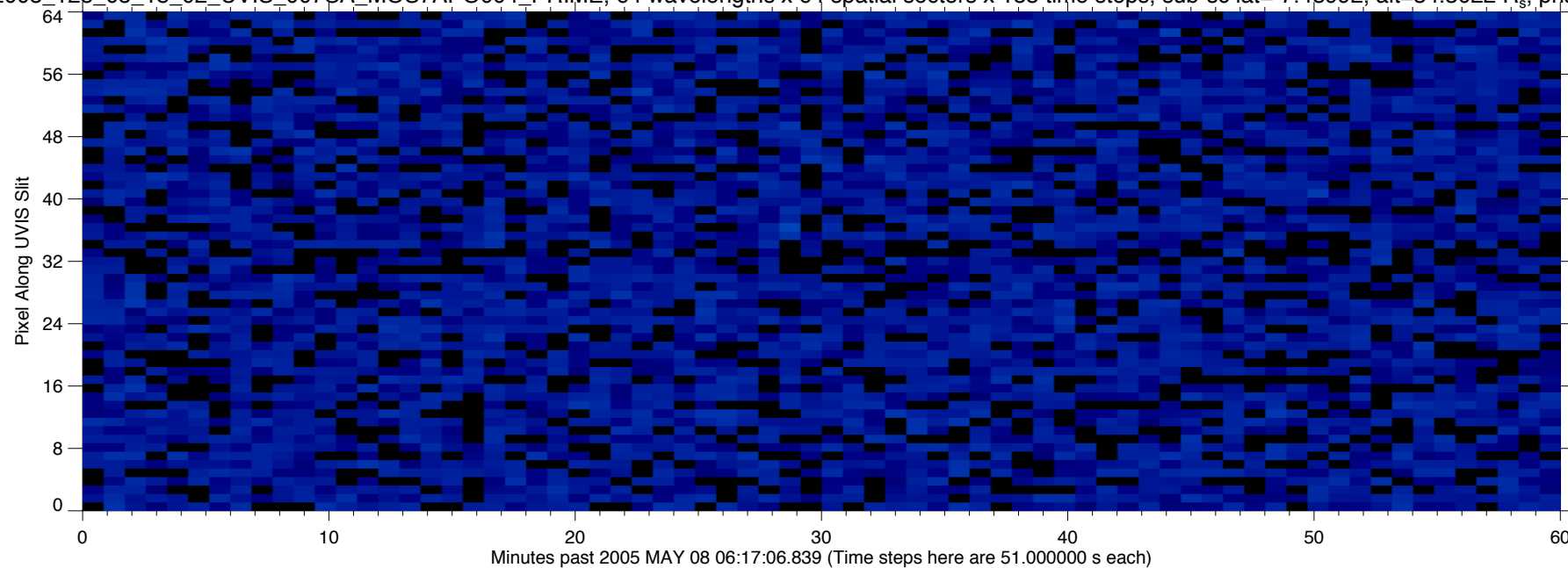
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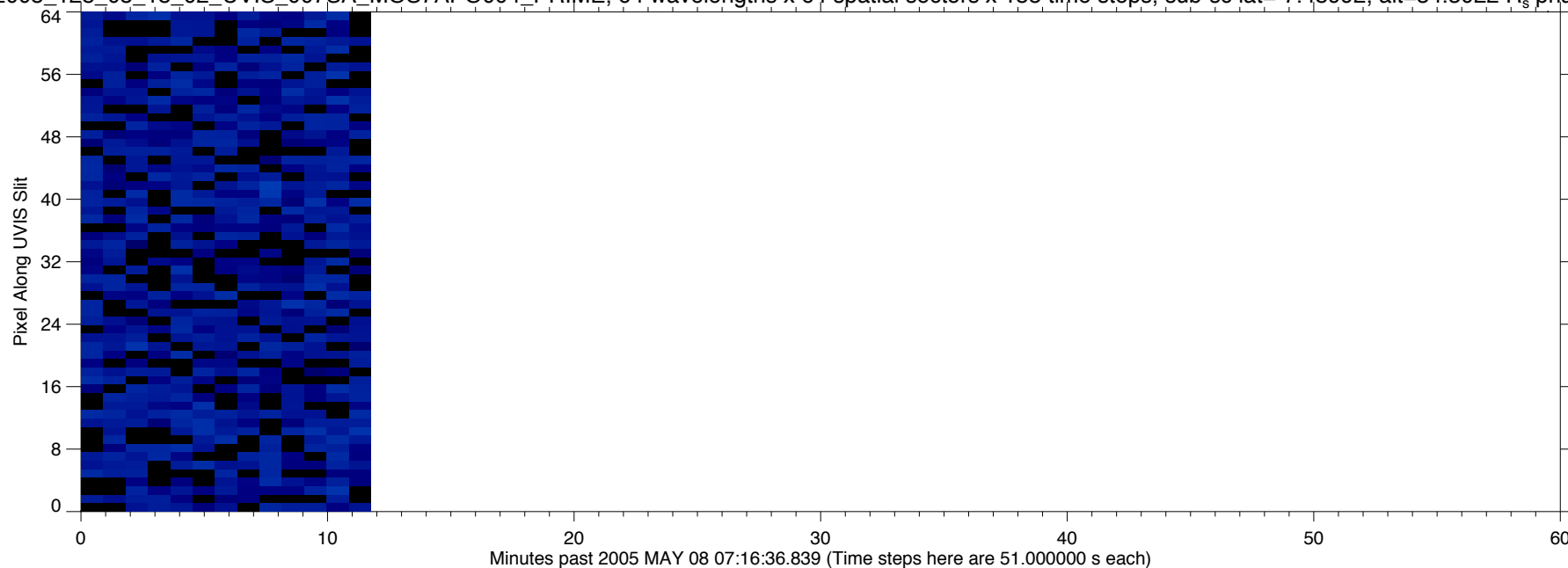
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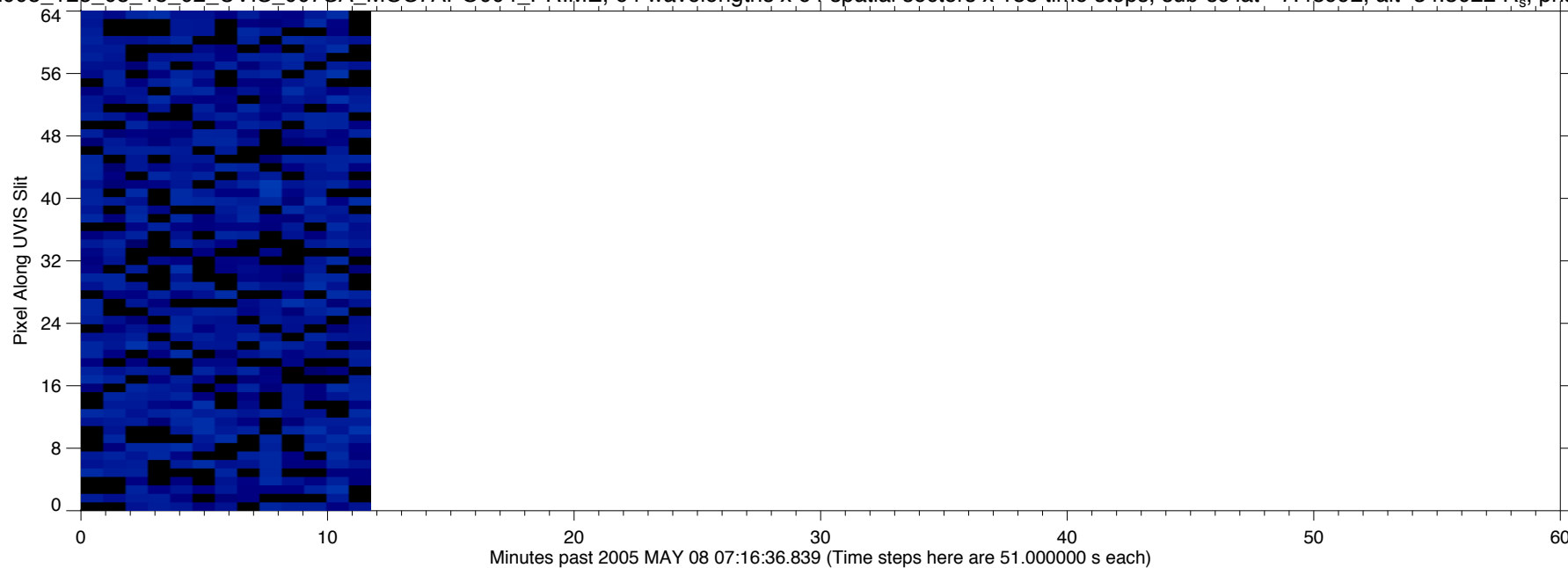
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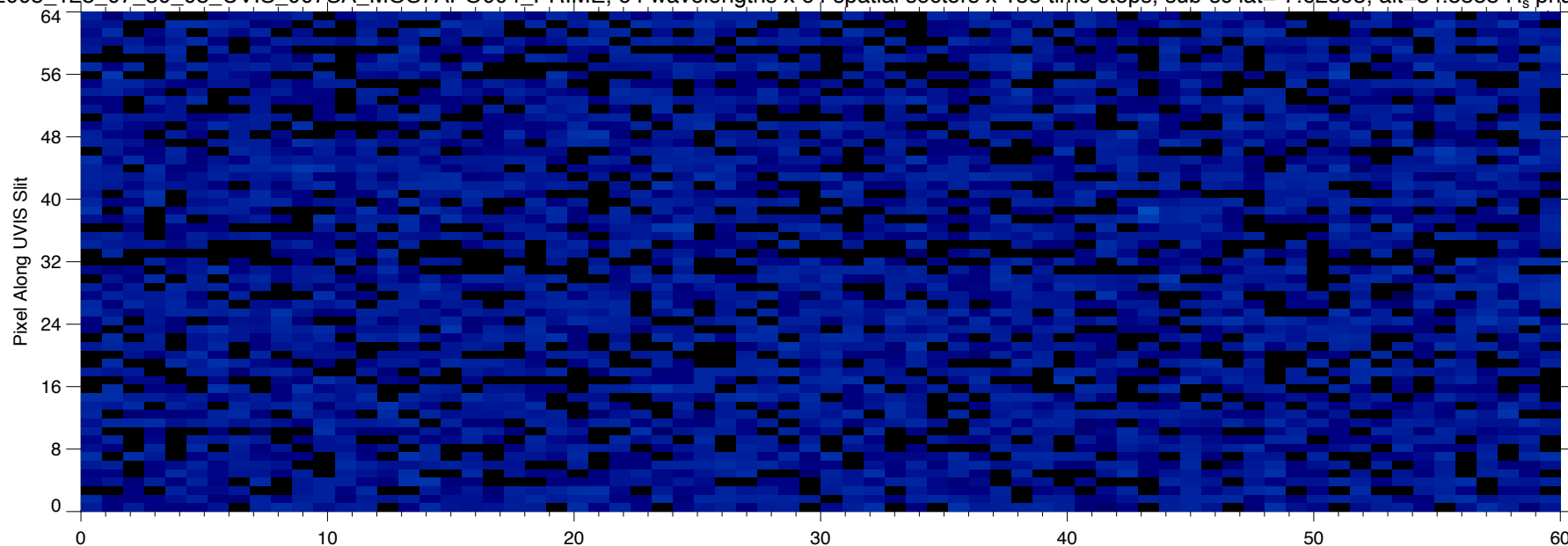
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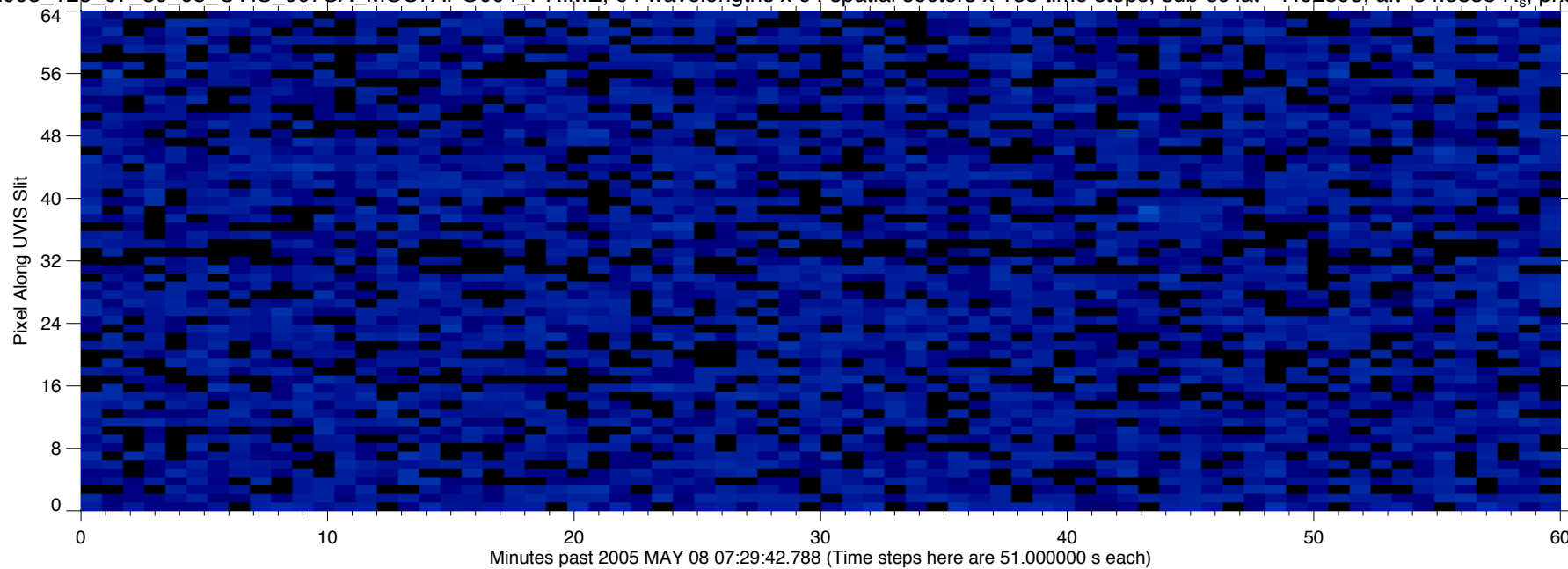
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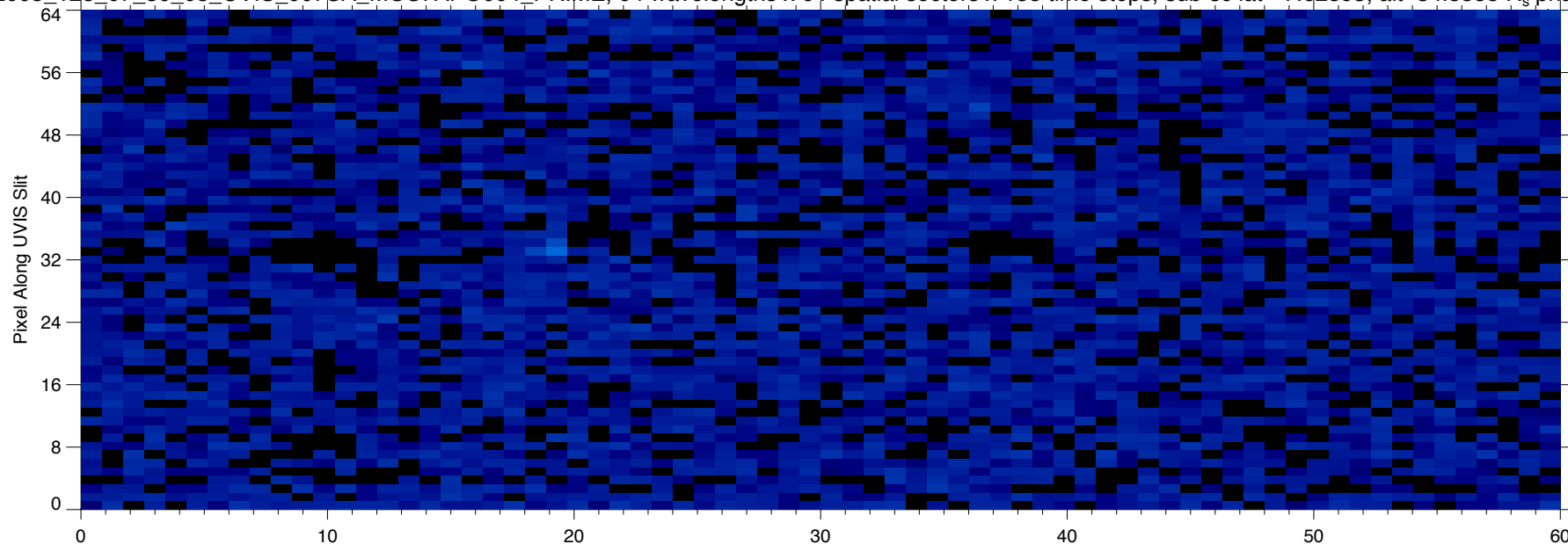
FUV2005_128_07_30_08_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 155 time steps, sub-sc lat=-7.62593, alt=34.5558 R_s, phase=78.7037



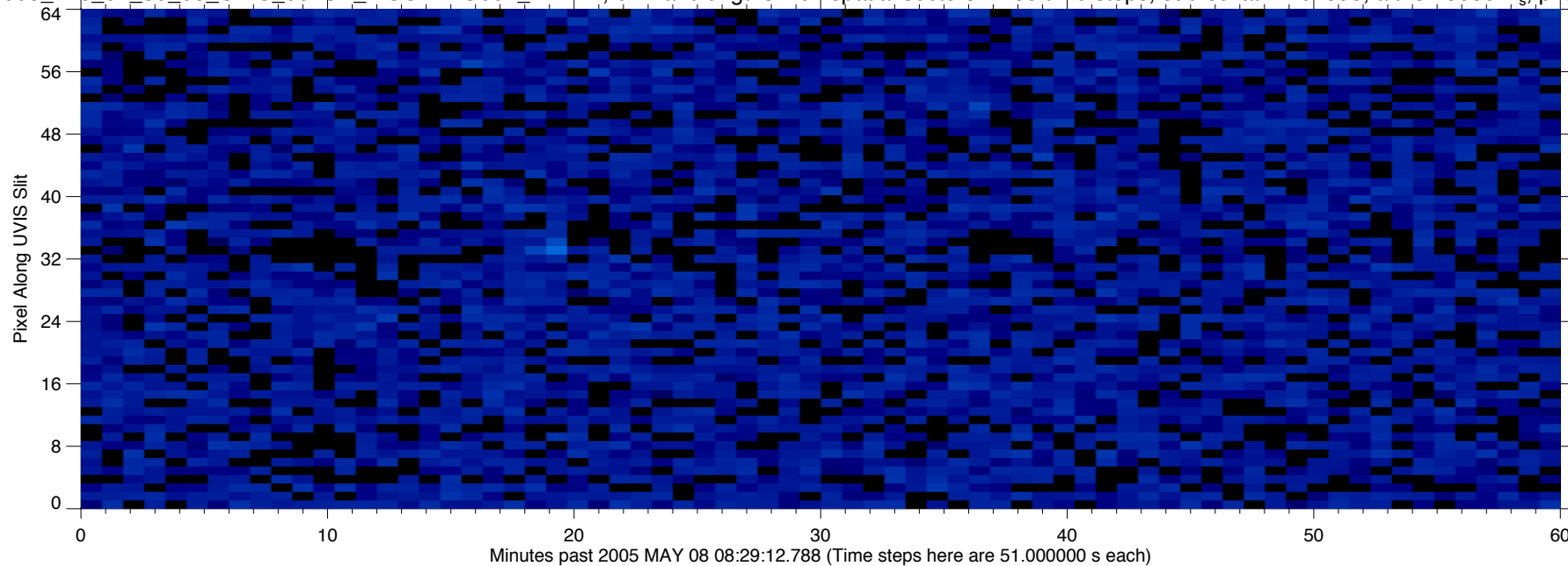
FUV2005_128_07_30_08_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 155 time steps, sub-sc lat=-7.62593, alt=34.5558 R_s, phase=78.7037



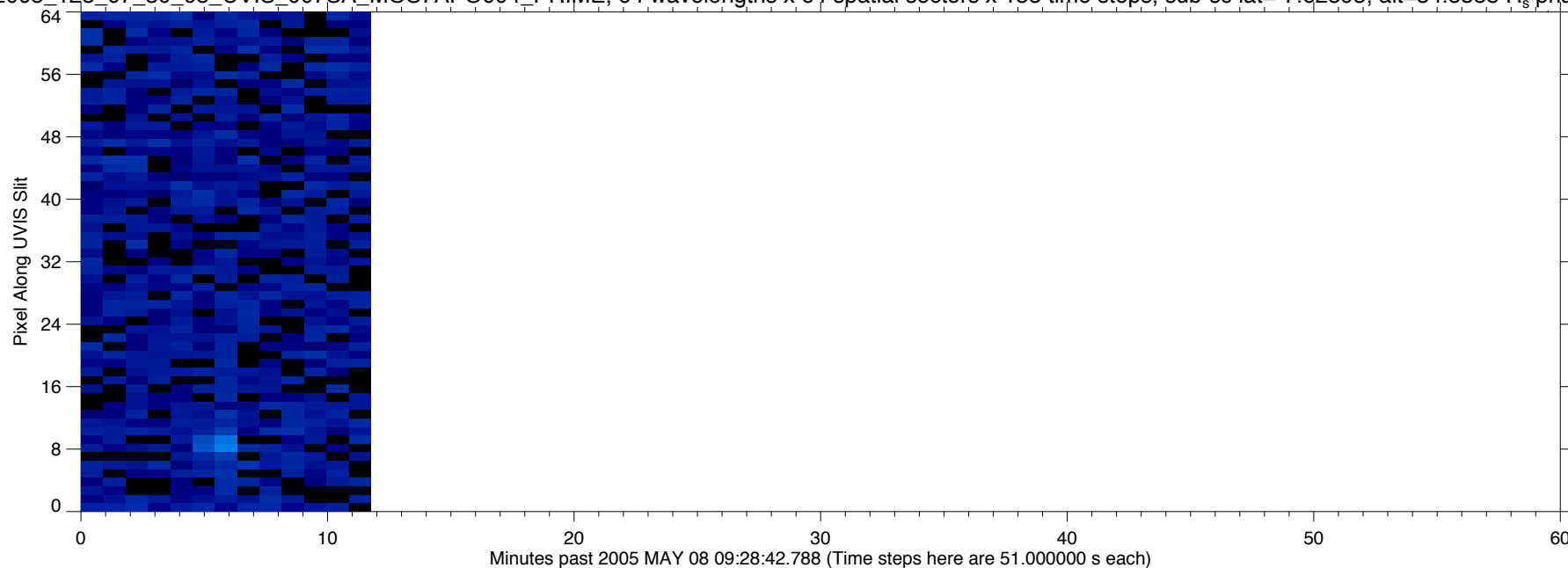
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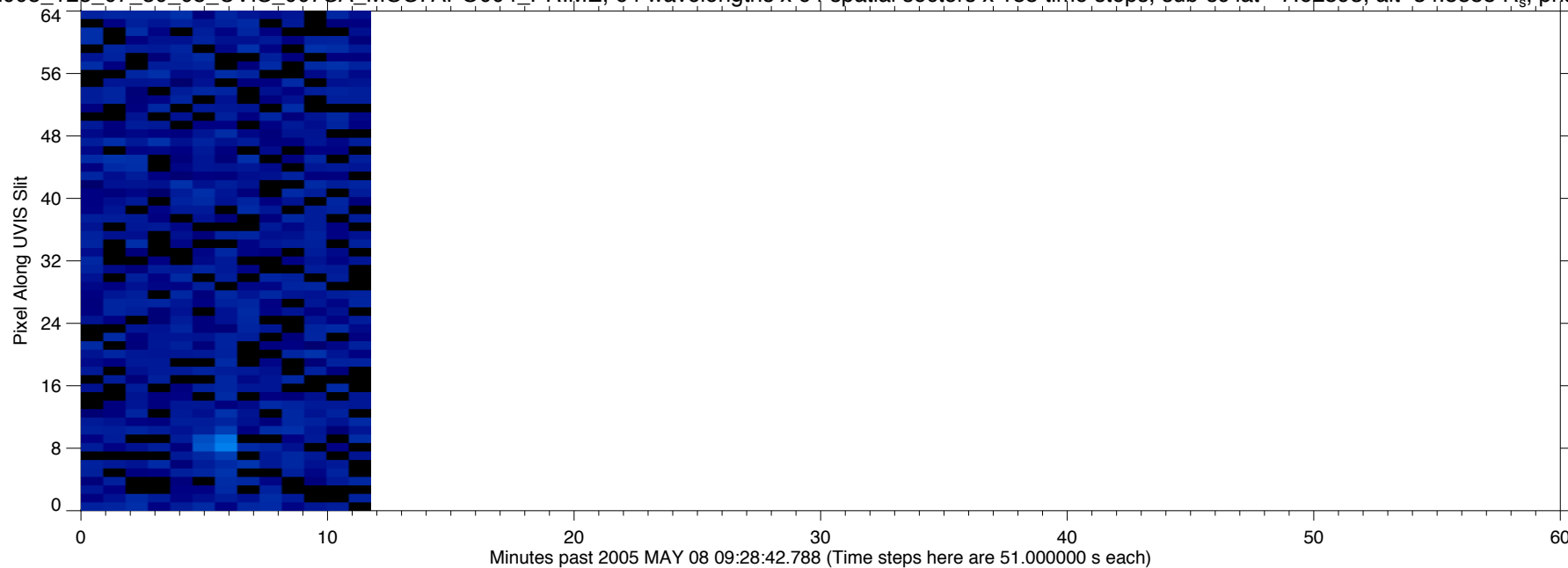
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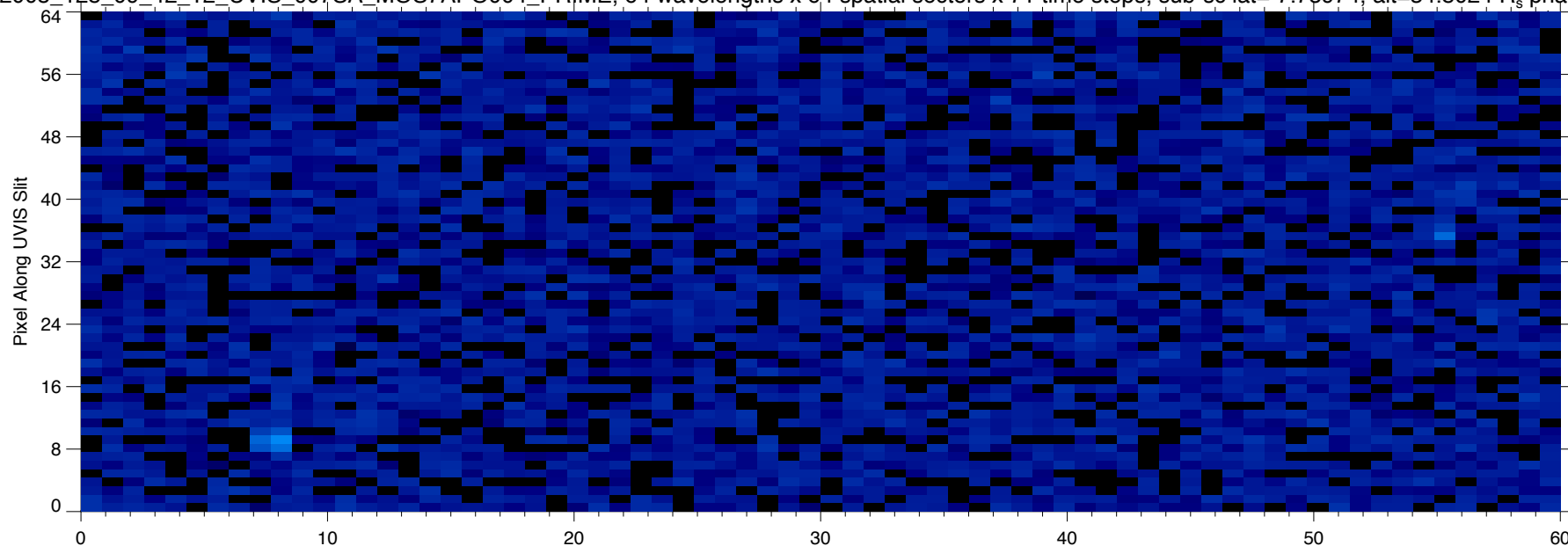
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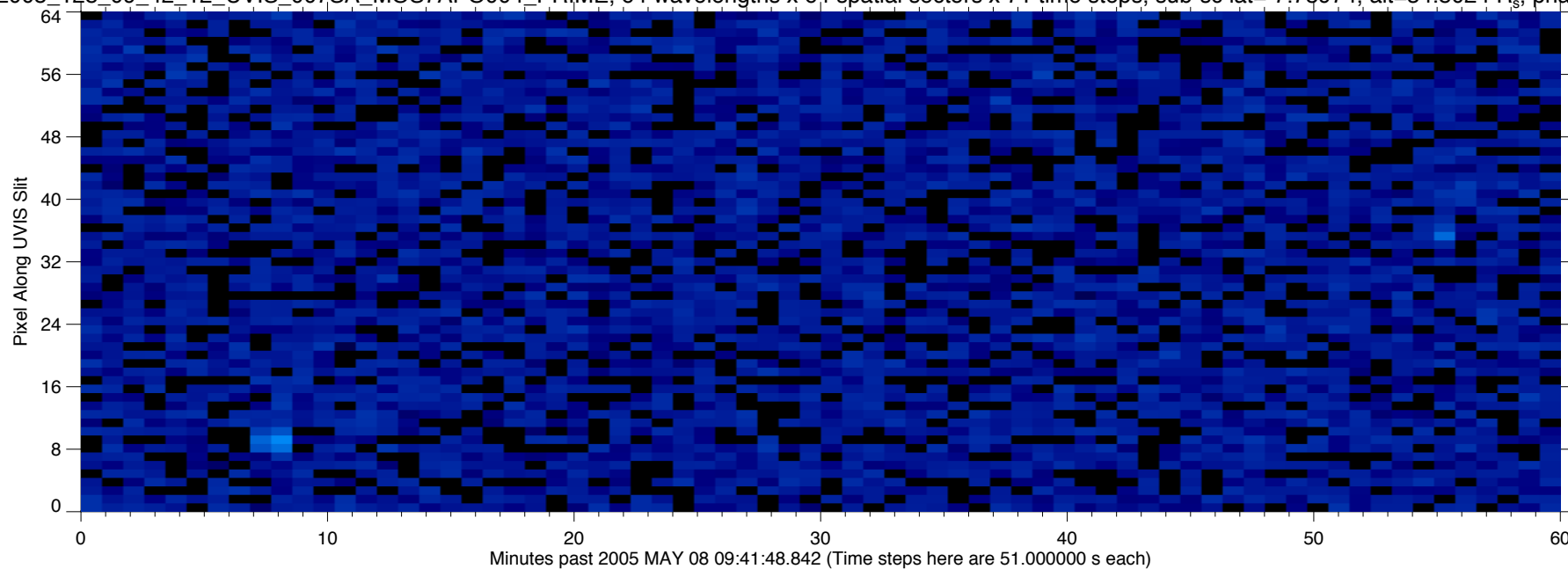
FUV2005_128_07_30_08_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 155 time steps, sub-sc lat=-7.62593, alt=34.5558 R_s, phase=78.7037



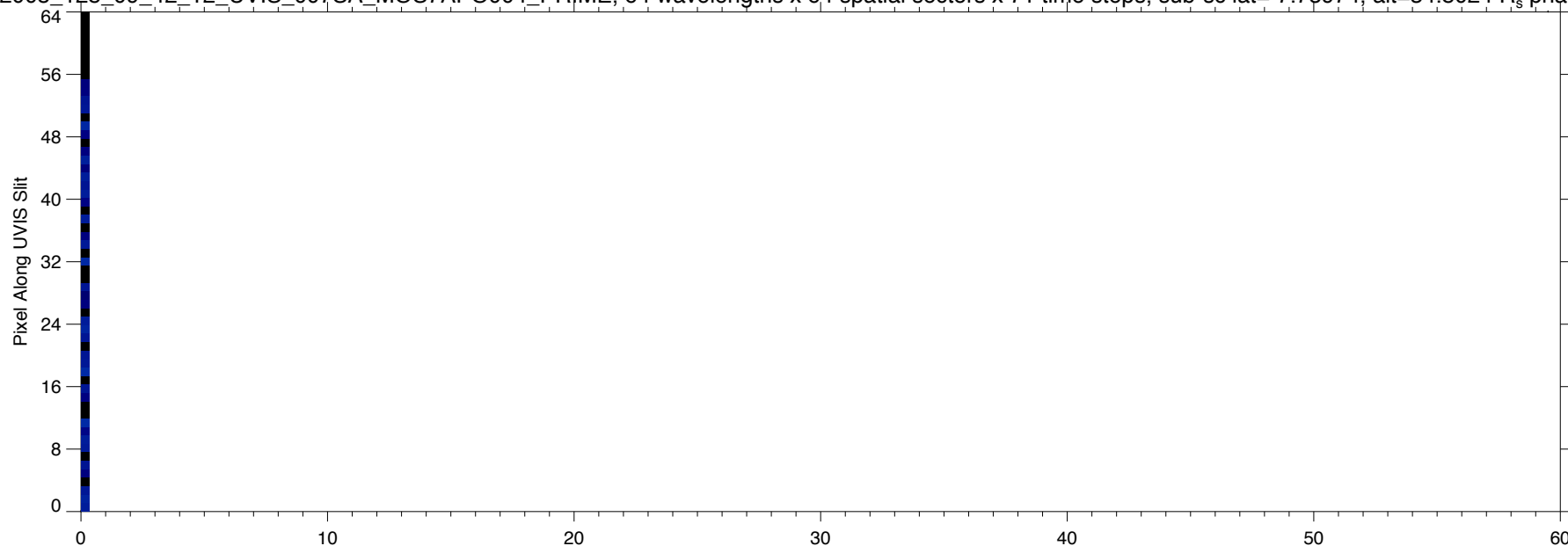
FUV2005_128_09_42_12_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 71 time steps, sub-sc lat=-7.75974, alt=34.8024 R_s phase=78.3265



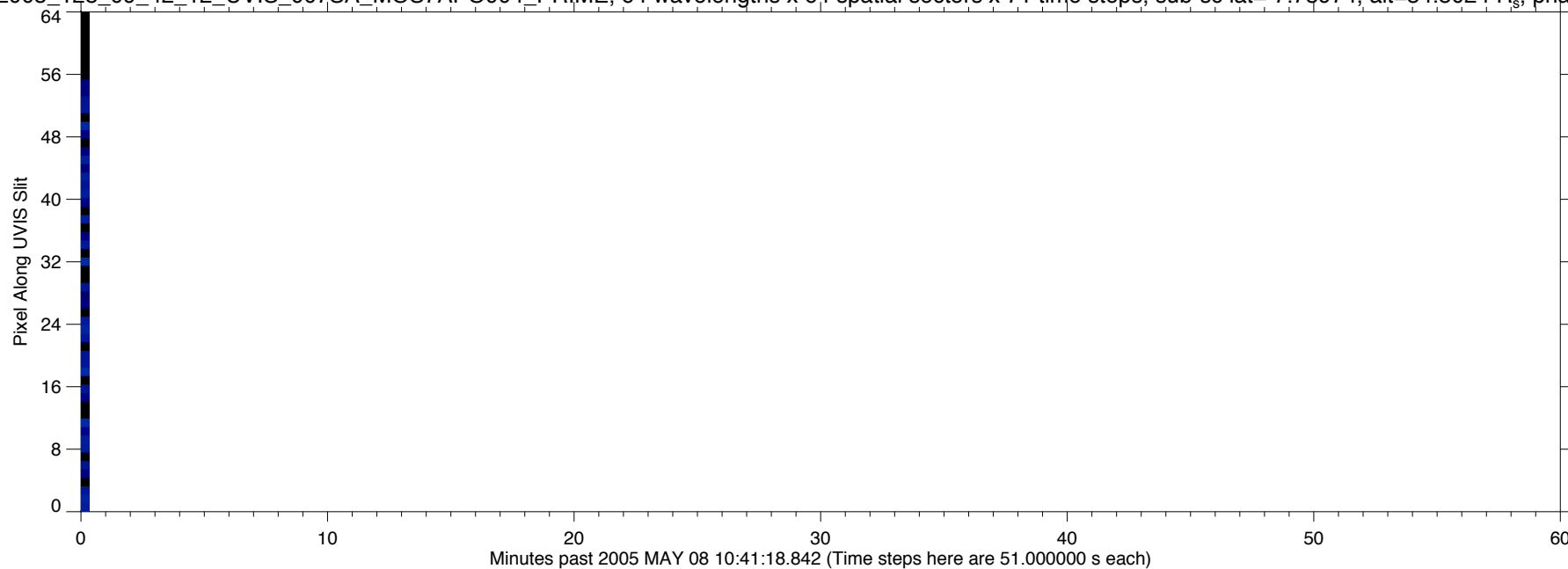
FUV2005_128_09_42_12_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 71 time steps, sub-sc lat=-7.75974, alt=34.8024 R_s phase=78.3265



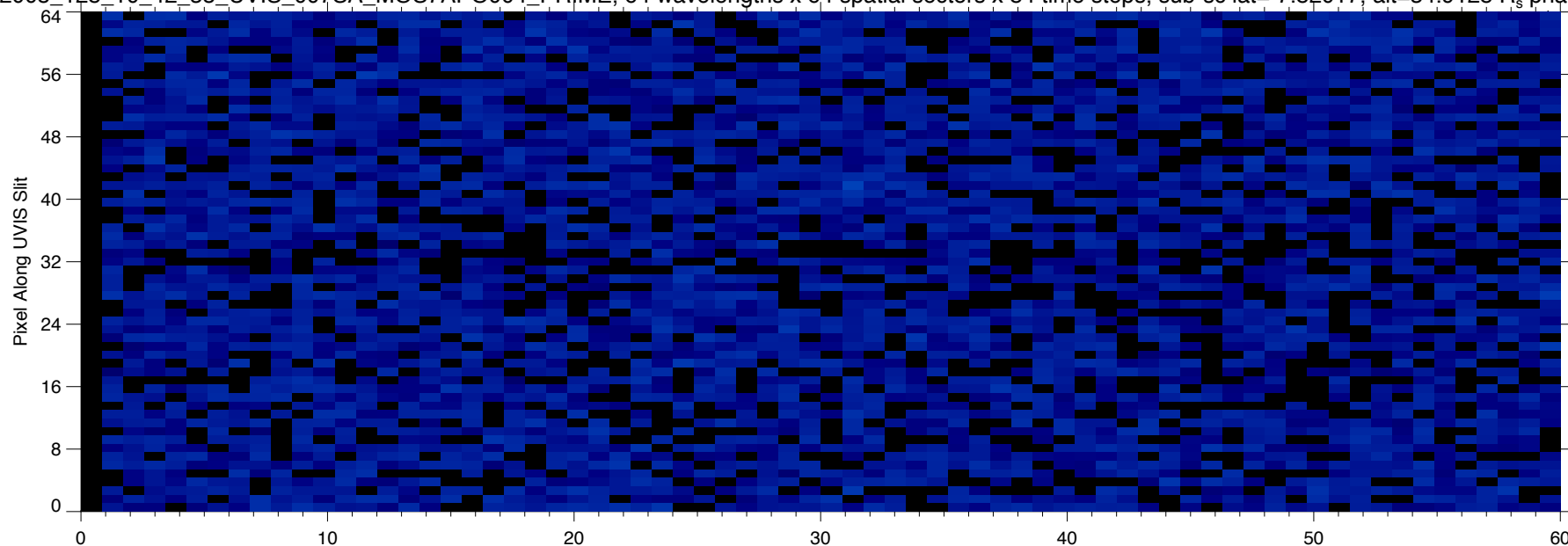
FUV2005_128_09_42_12_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 71 time steps, sub-sc lat=-7.75974, alt=34.8024 R_s phase=78.3265



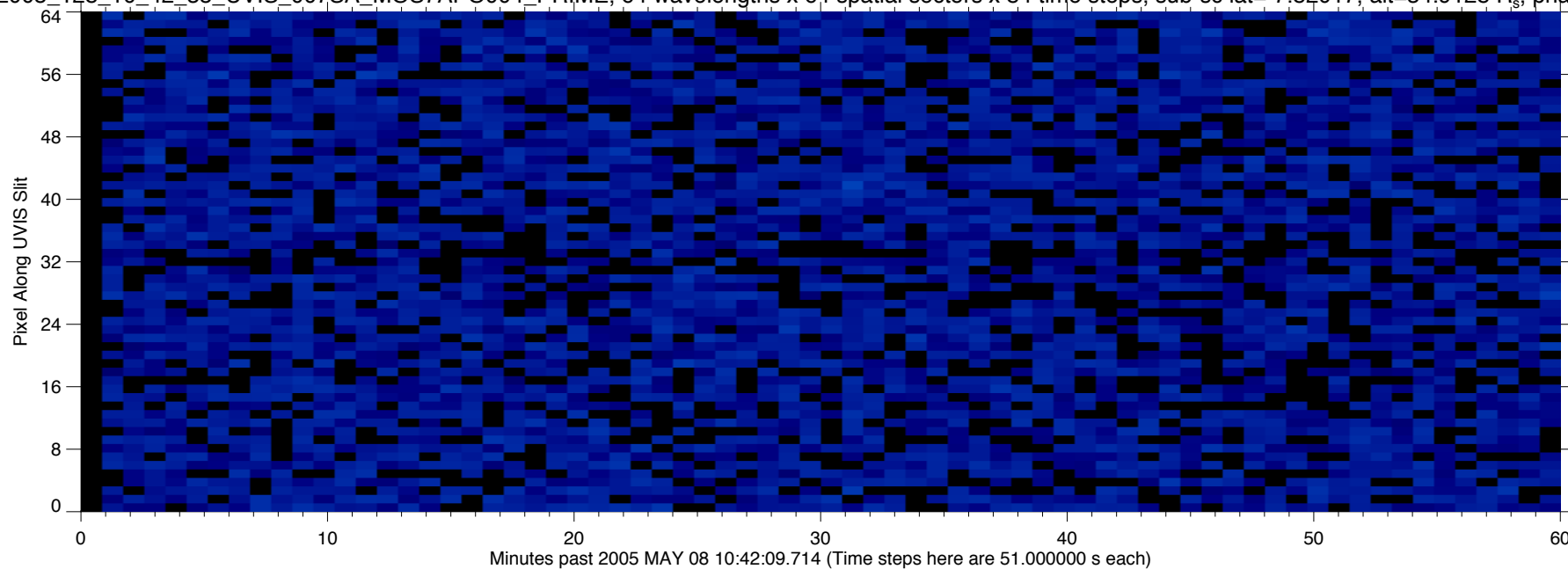
FUV2005_128_09_42_12_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 71 time steps, sub-sc lat=-7.75974, alt=34.8024 R_s, phase=78.3265



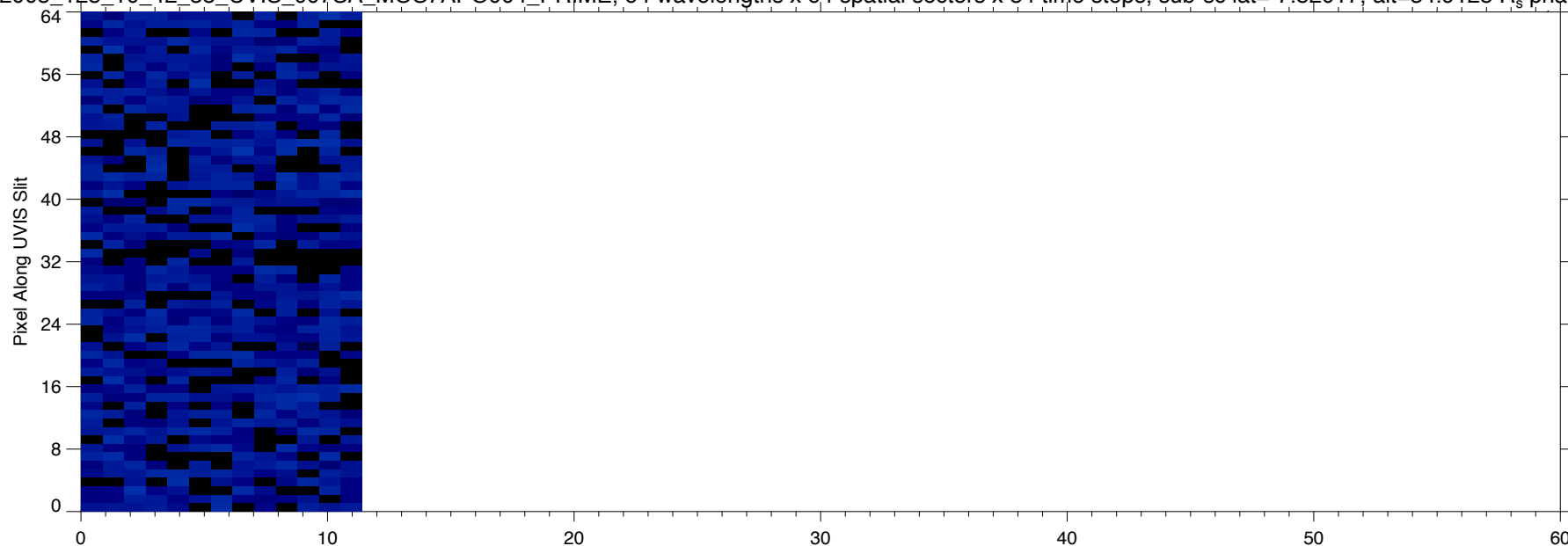
FUV2005_128_10_42_35_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 84 time steps, sub-sc lat=-7.82017, alt=34.9128 R_s phase=78.1559



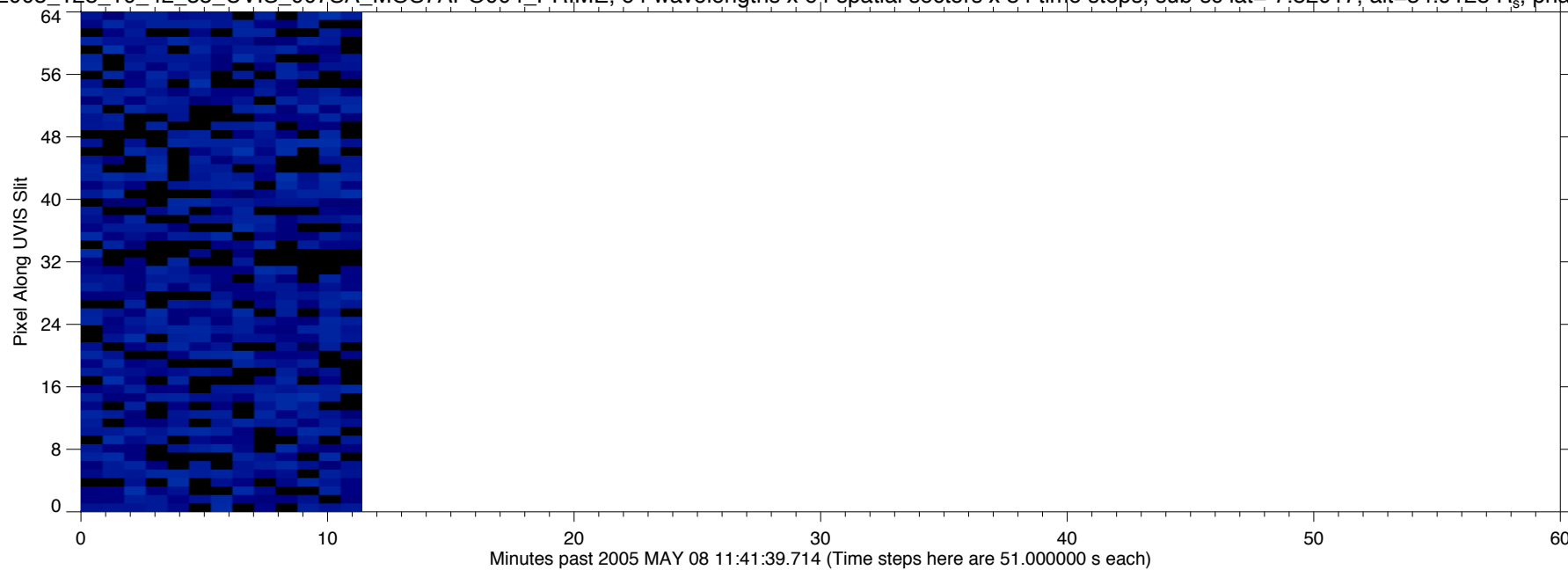
FUV2005_128_10_42_35_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 84 time steps, sub-sc lat=-7.82017, alt=34.9128 R_s phase=78.1559



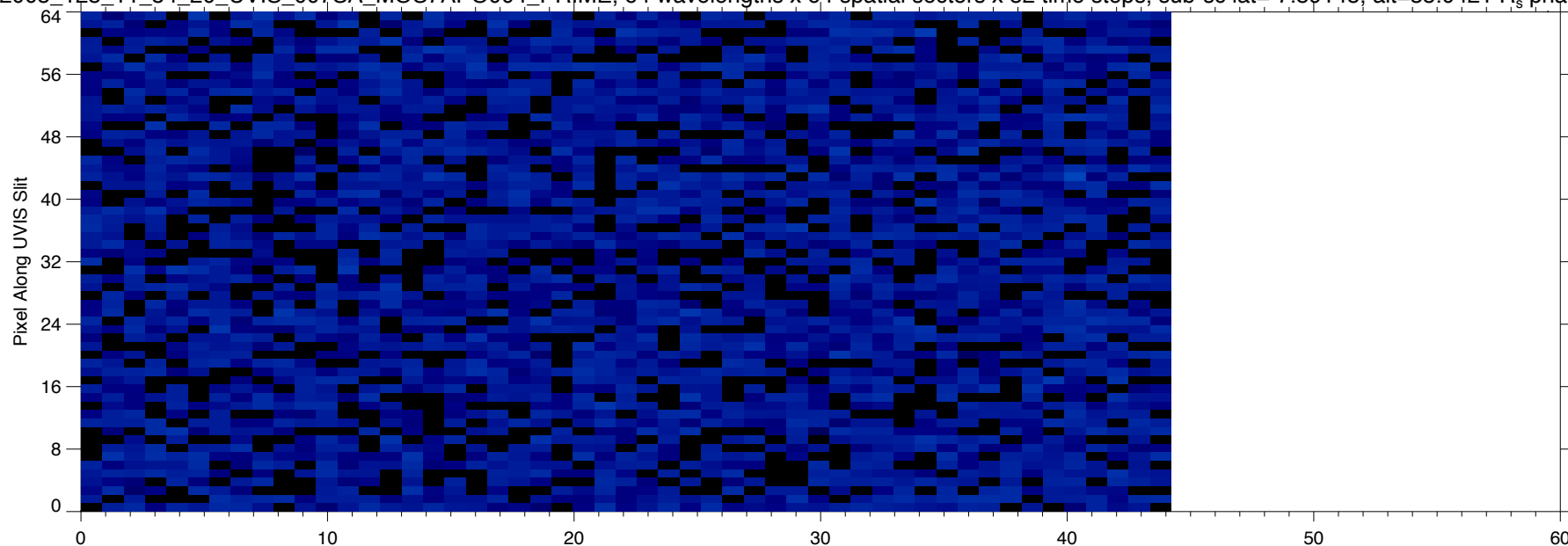
FUV2005_128_10_42_35_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 84 time steps, sub-sc lat=-7.82017, alt=34.9128 R_s phase=78.1559



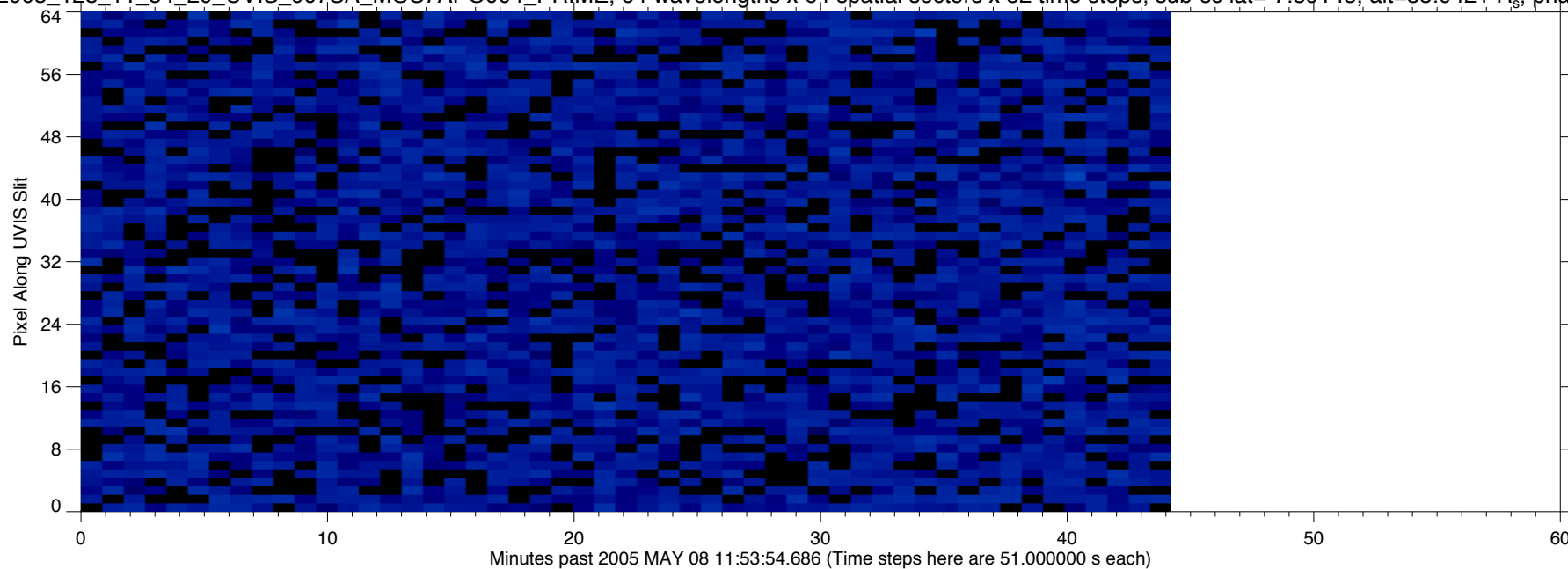
FUV2005_128_10_42_35_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 84 time steps, sub-sc lat=-7.82017, alt=34.9128 R_s, phase=78.1559



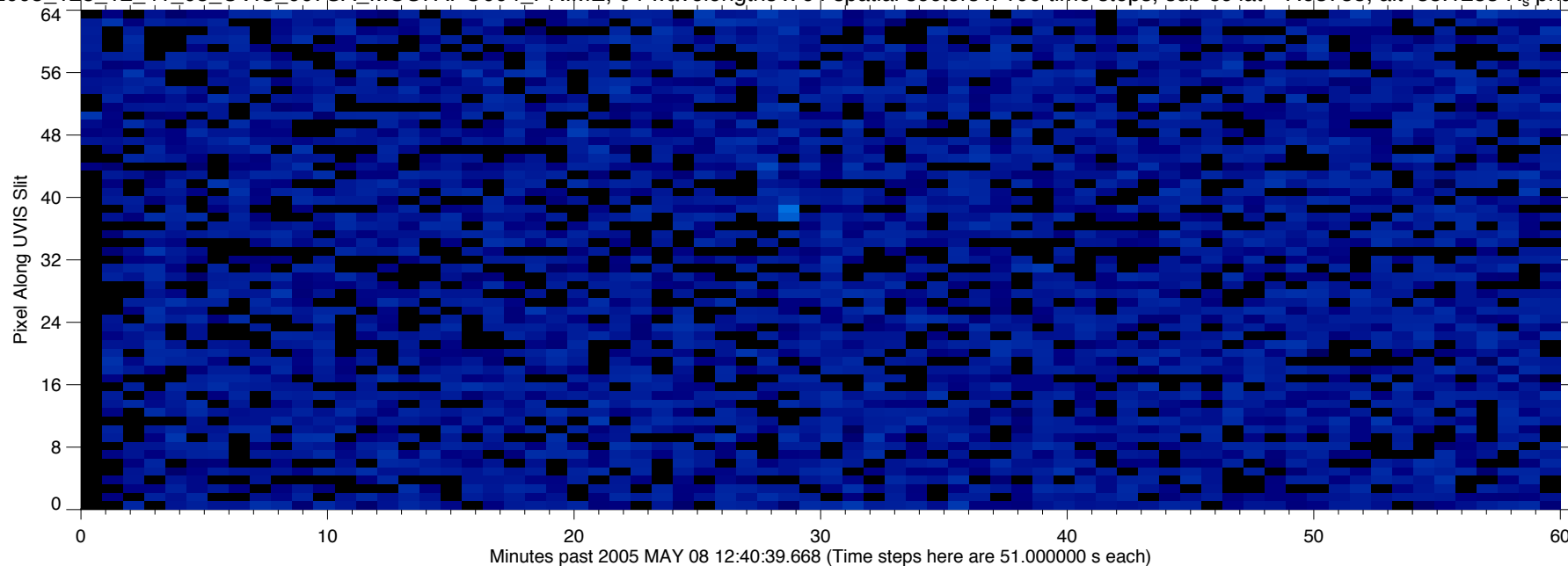
FUV2005_128_11_54_20_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 52 time steps, sub-sc lat=-7.89145, alt=35.0421 R_s phase=77.9545



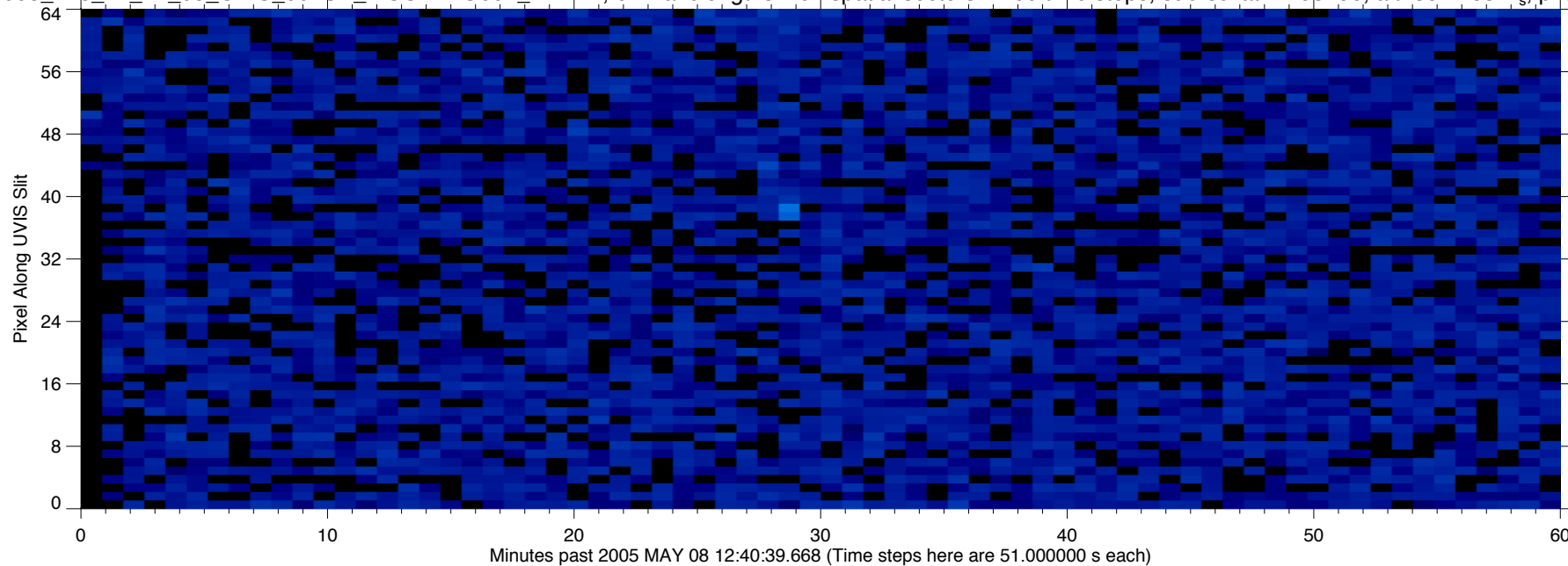
FUV2005_128_11_54_20_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 52 time steps, sub-sc lat=-7.89145, alt=35.0421 R_s phase=77.9545



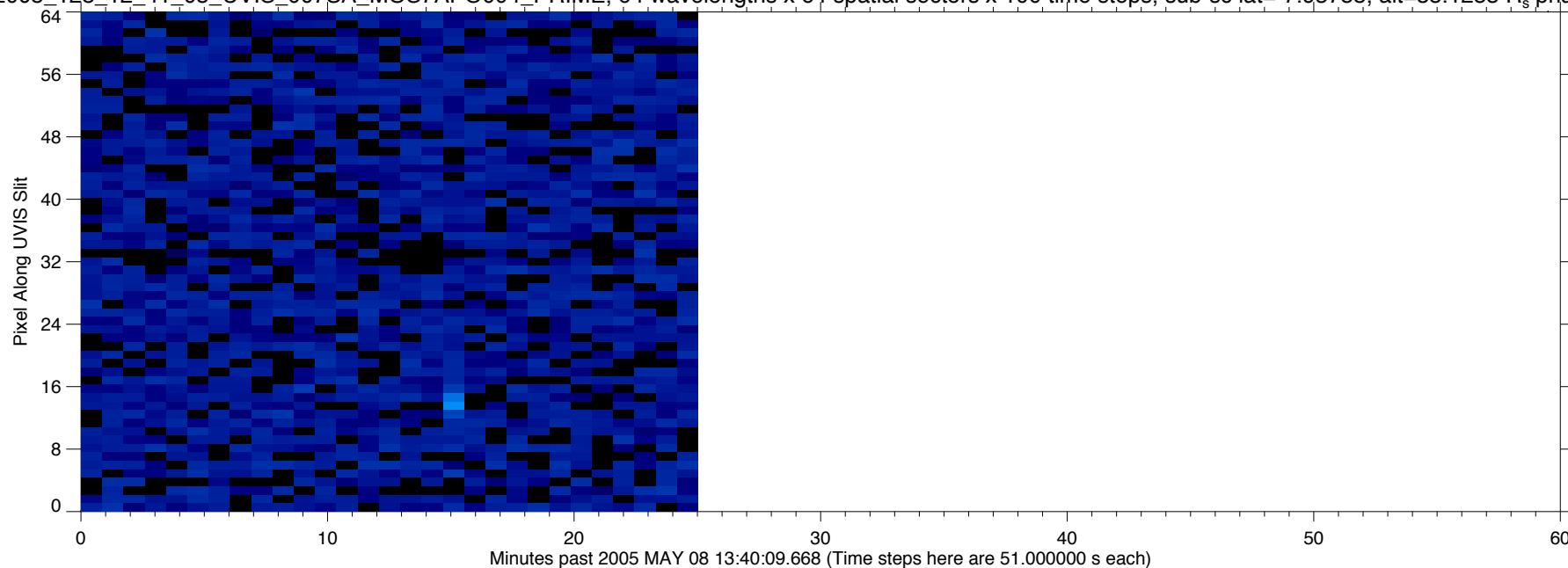
FUV2005_128_12_41_05_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 100 time steps, sub-sc lat=-7.93758, alt=35.1253 R_s phase=77.8240



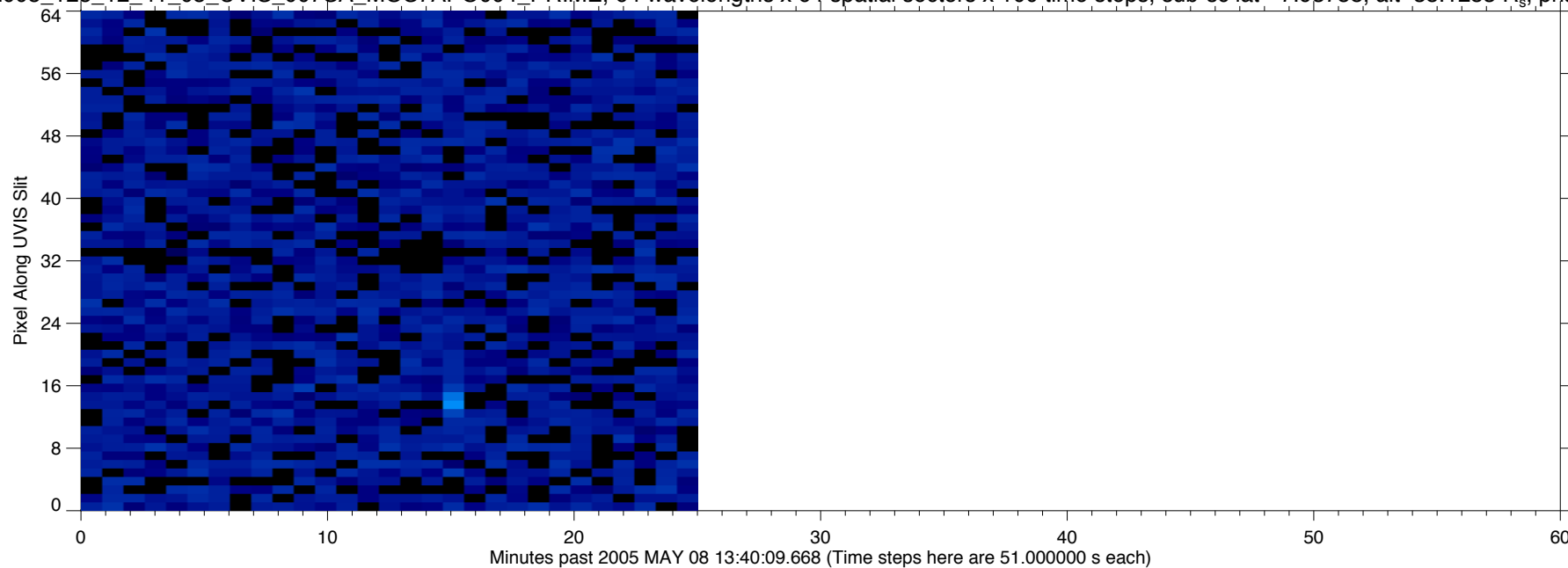
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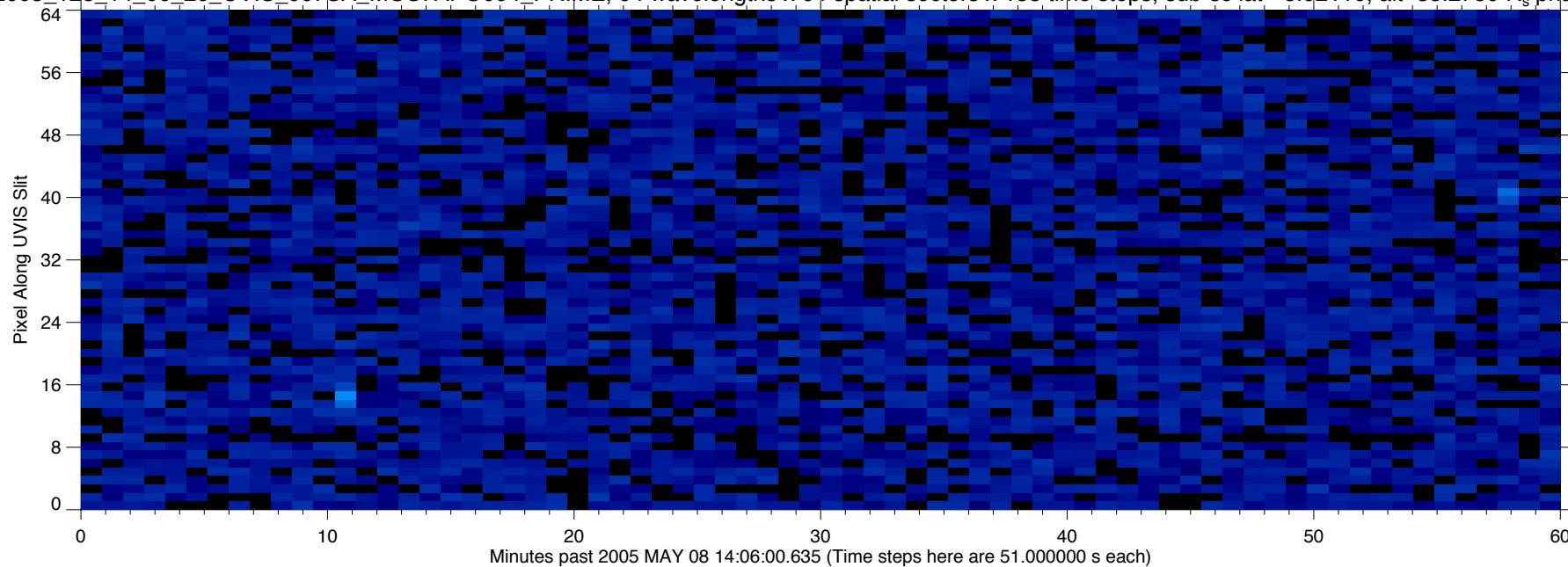
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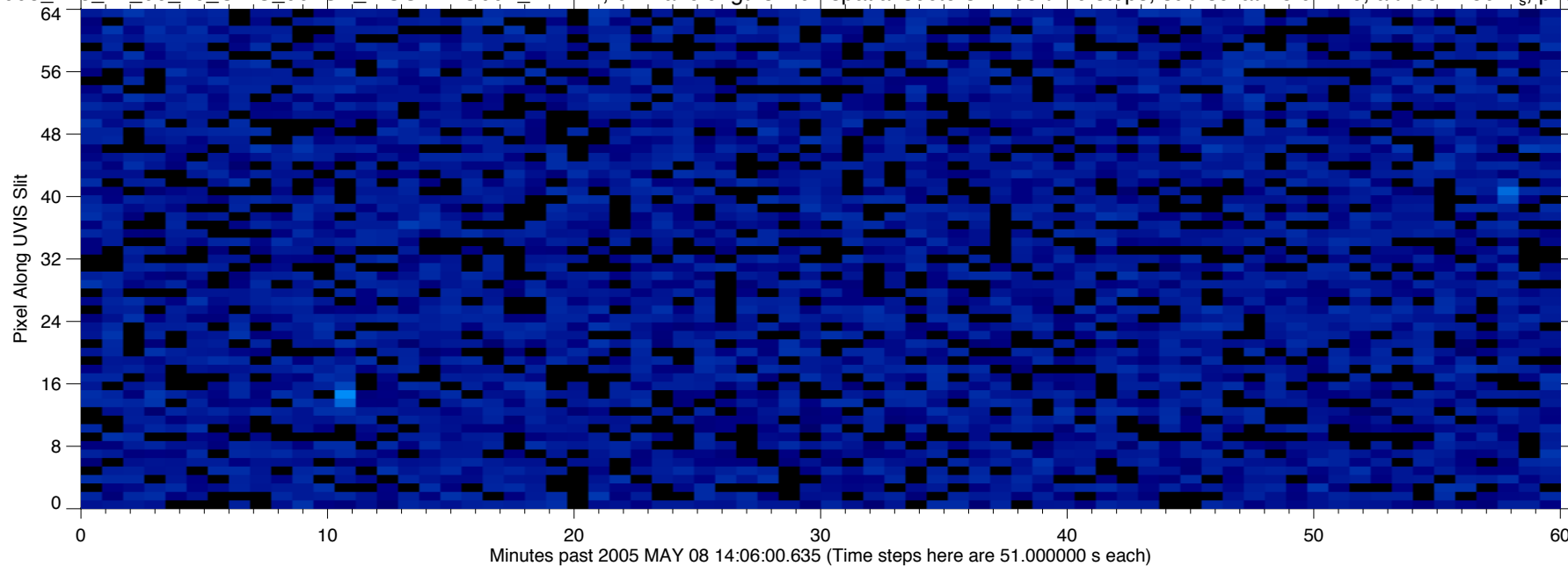
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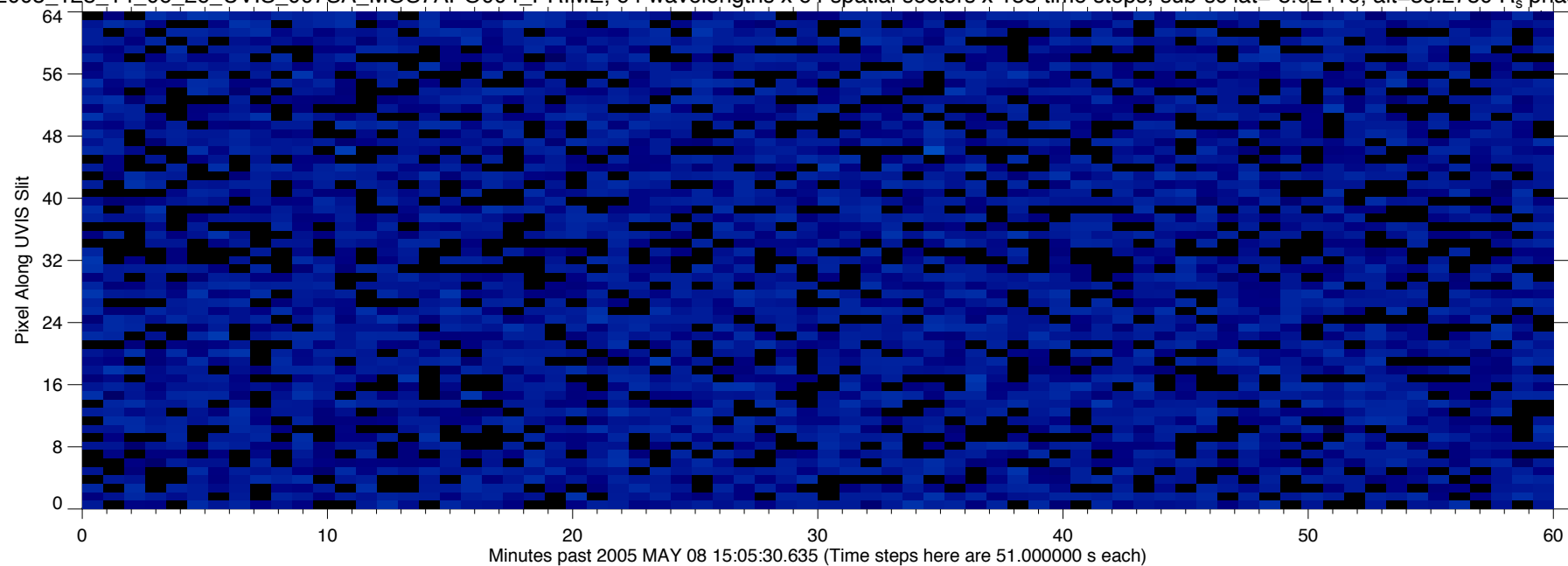
FUV2005_128_14_06_26_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 155 time steps, sub-sc lat=-8.02116, alt=35.2750 R_s, phase=77.5873



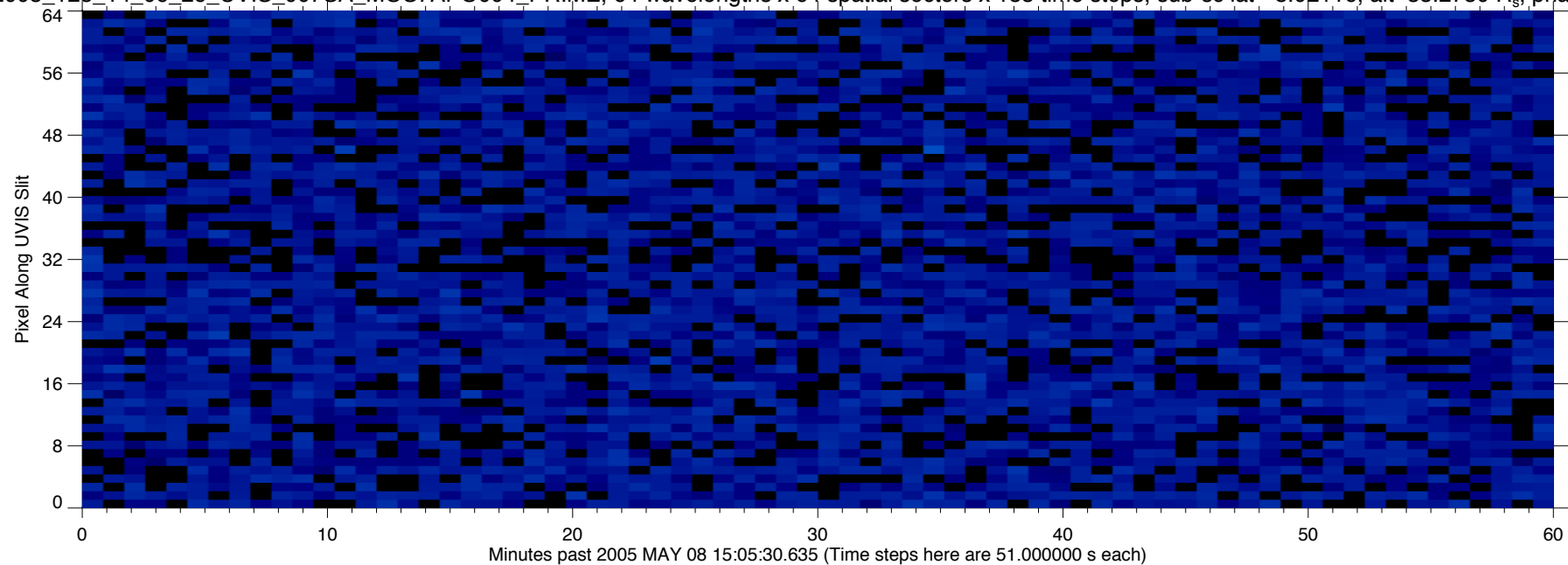
FUV2005_128_14_06_26_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 155 time steps, sub-sc lat=-8.02116, alt=35.2750 R_s, phase=77.5873



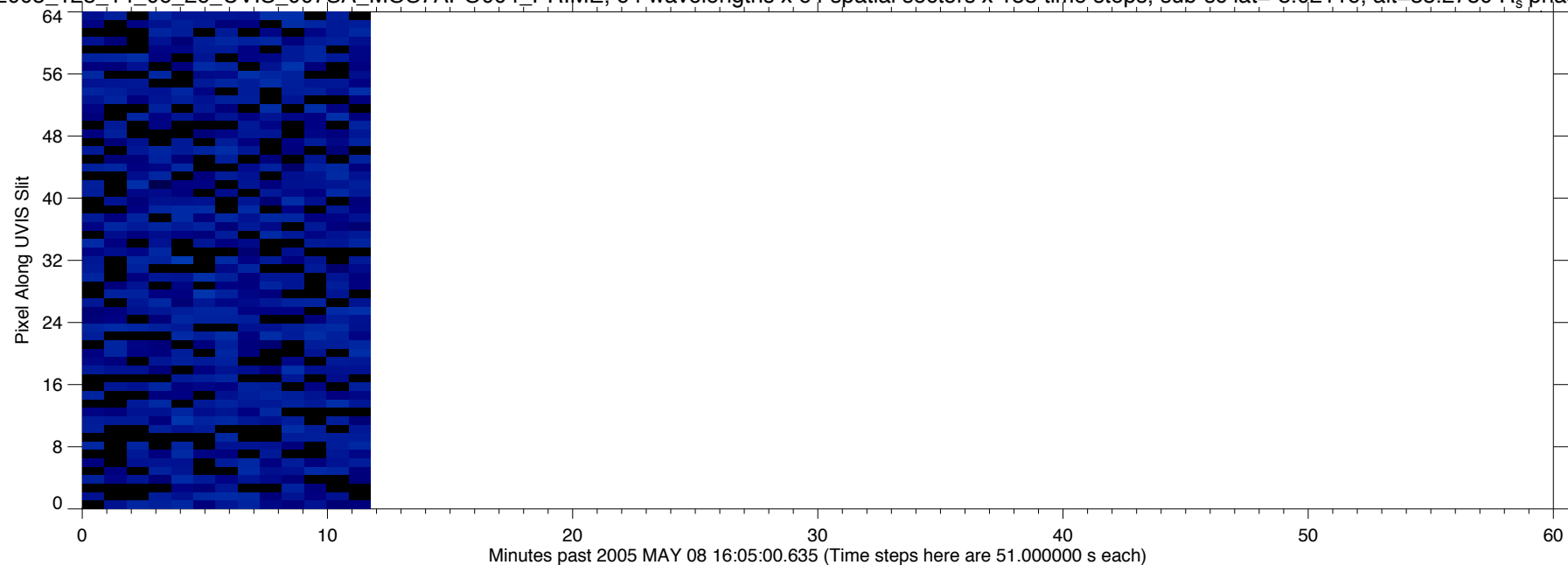
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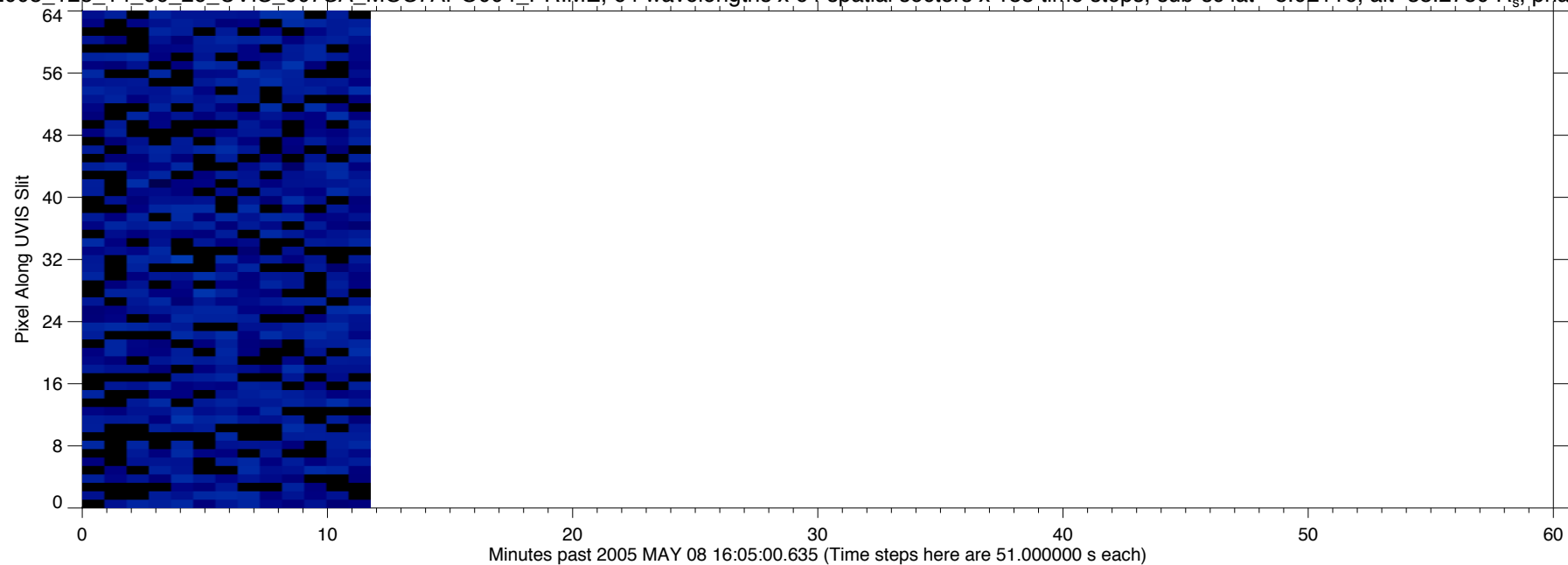
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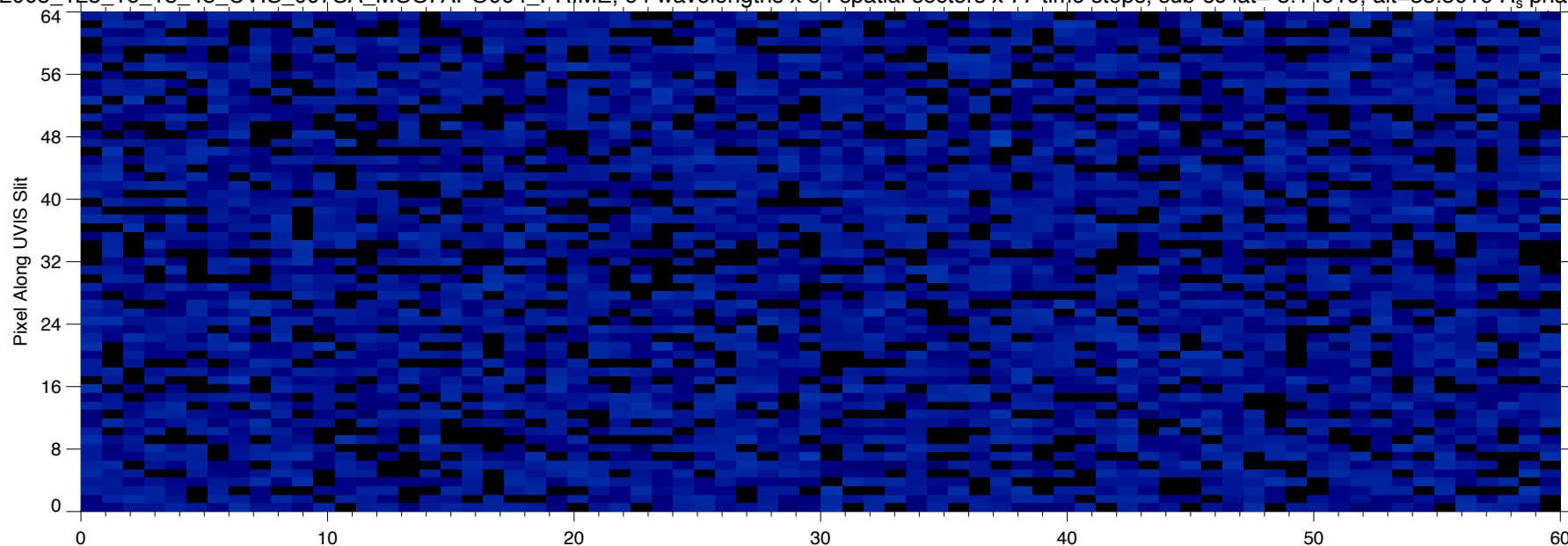
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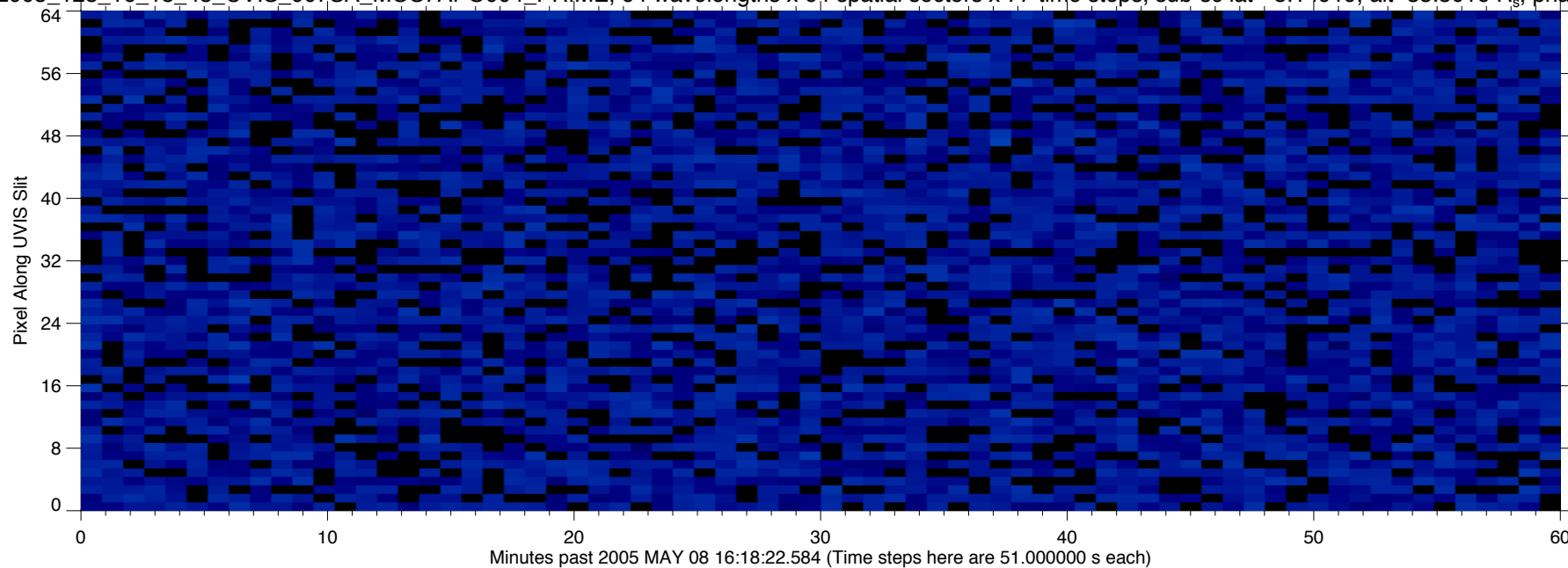
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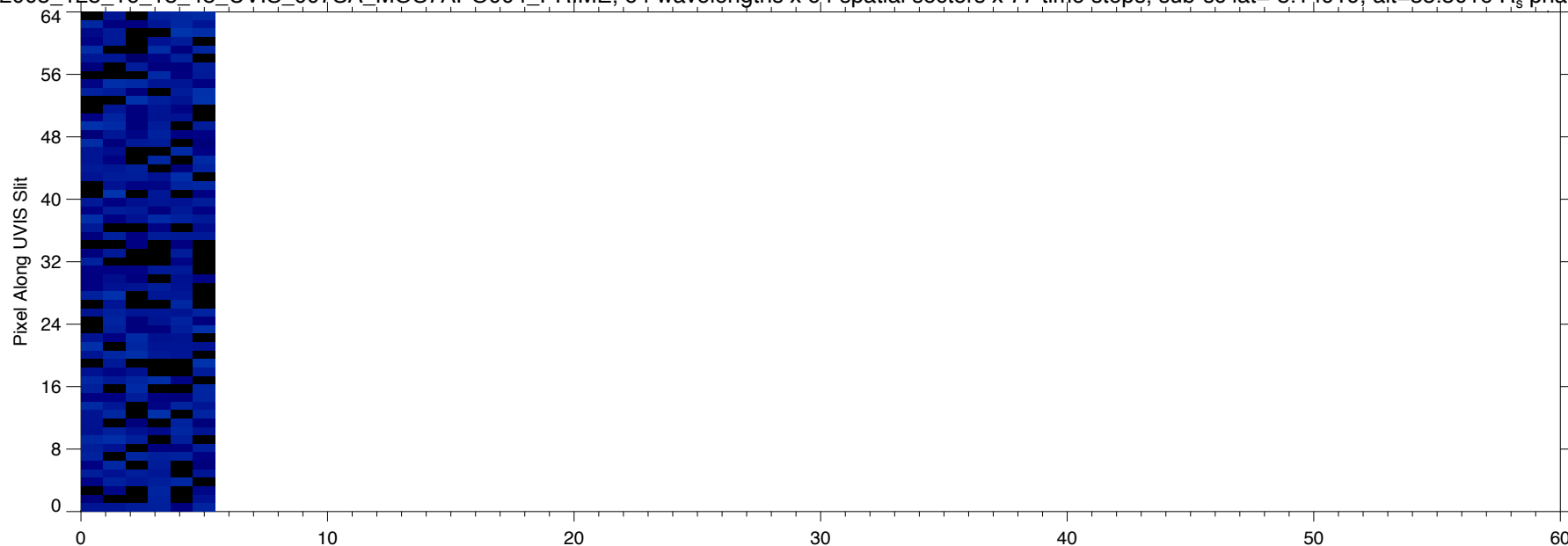
FUV2005_128_16_18_48_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 77 time steps, sub-sc lat=-8.14919, alt=35.5016 R_s phase=77.2241



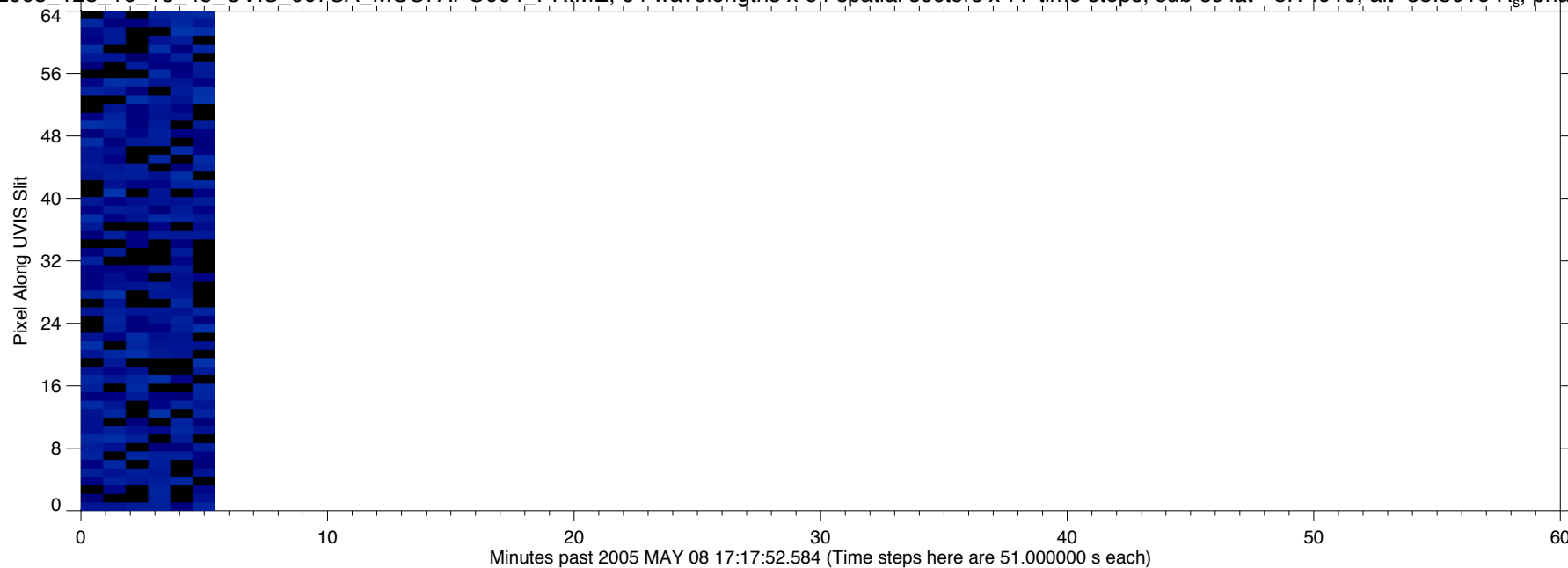
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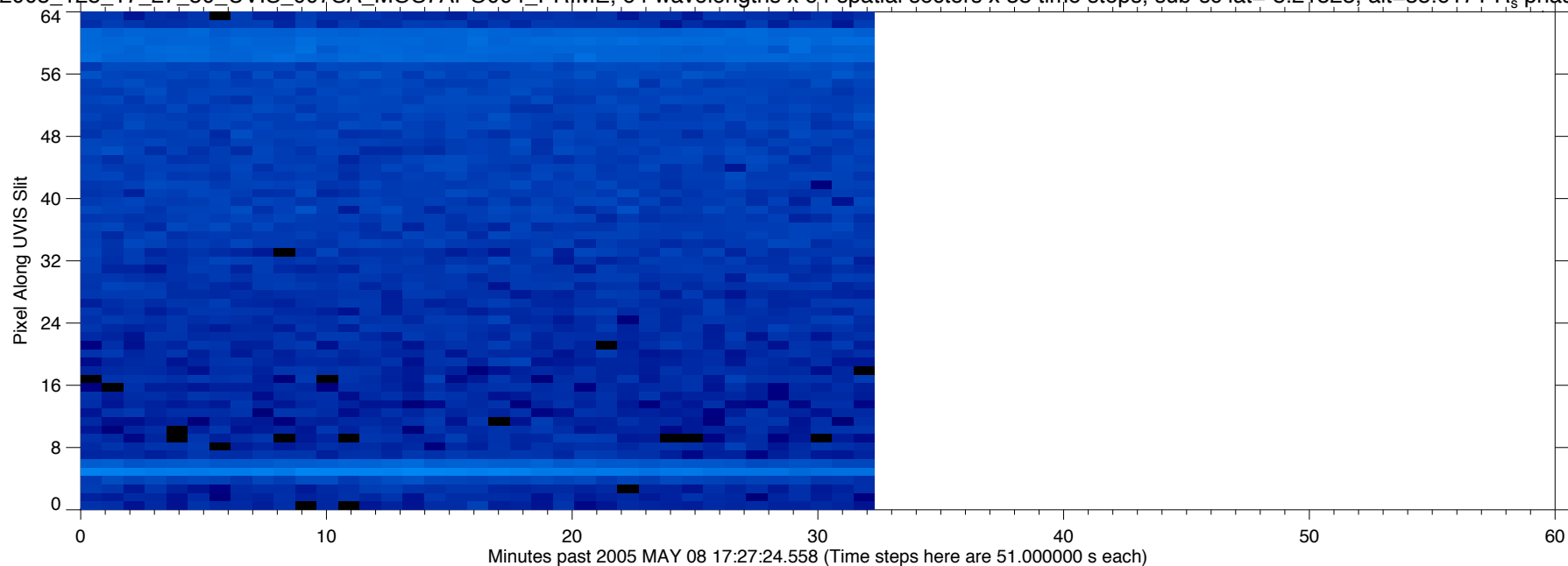
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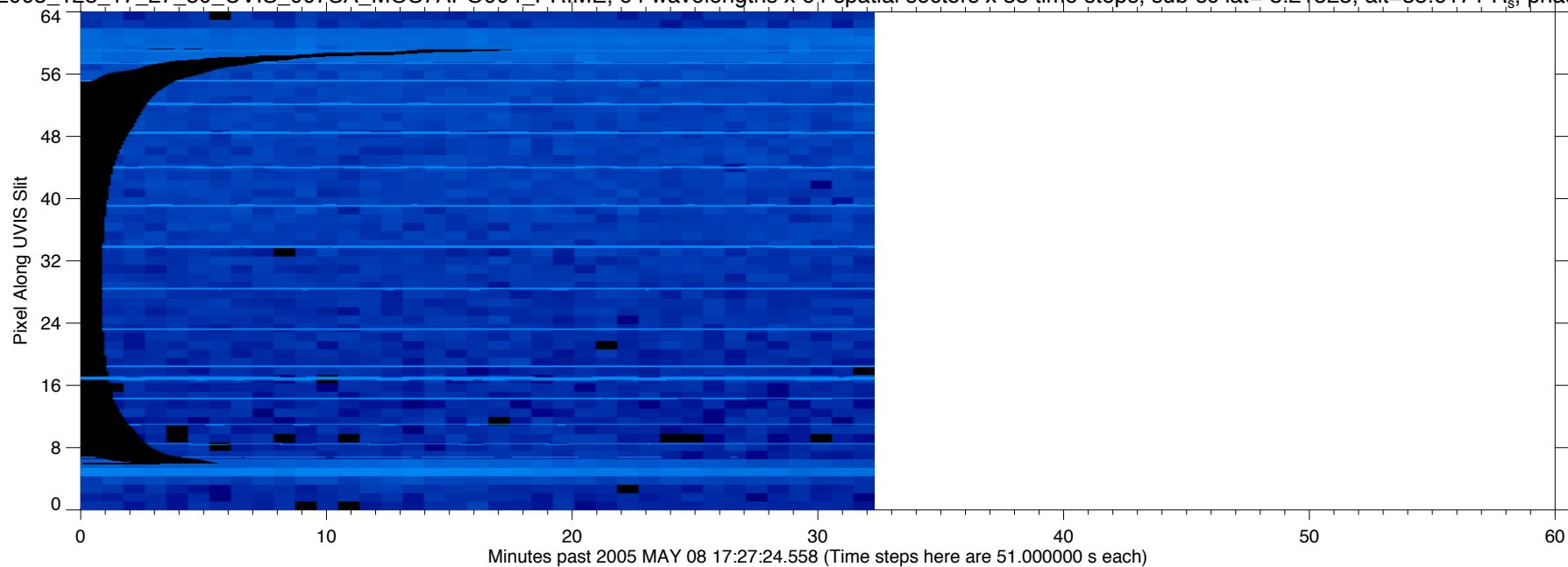
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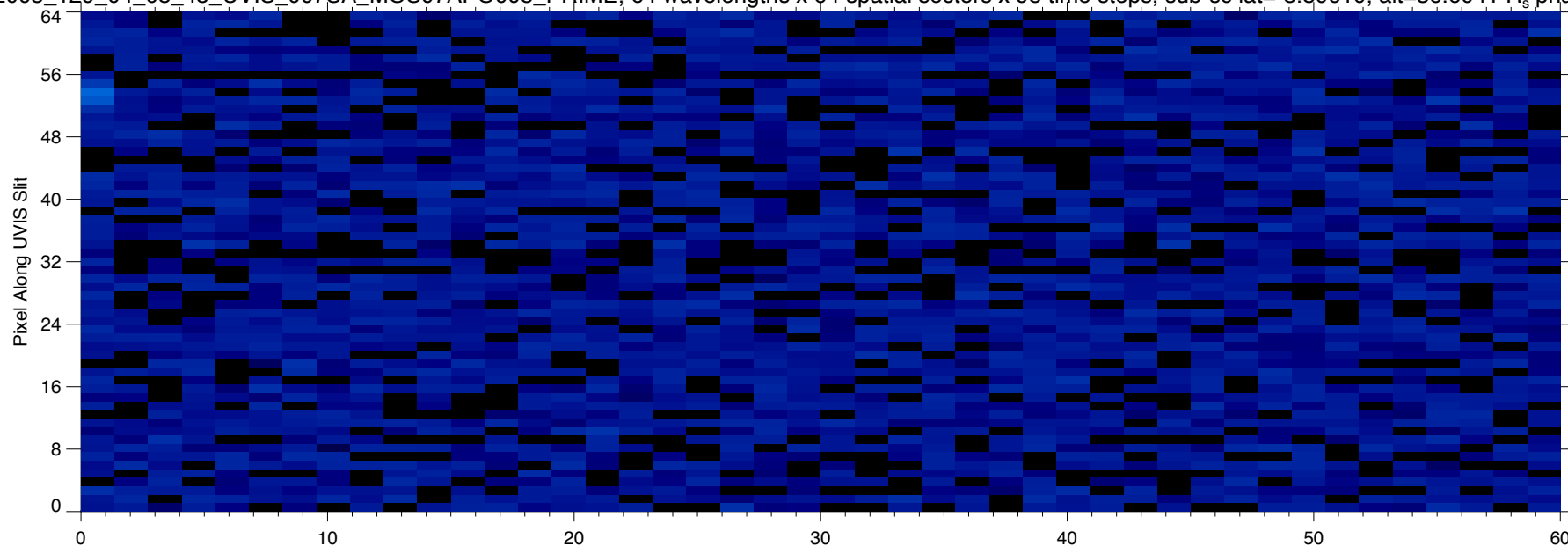
FUV2005_128_17_27_50_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 38 time steps, sub-sc lat=-8.21523, alt=35.6171 R_s phase=77.0365



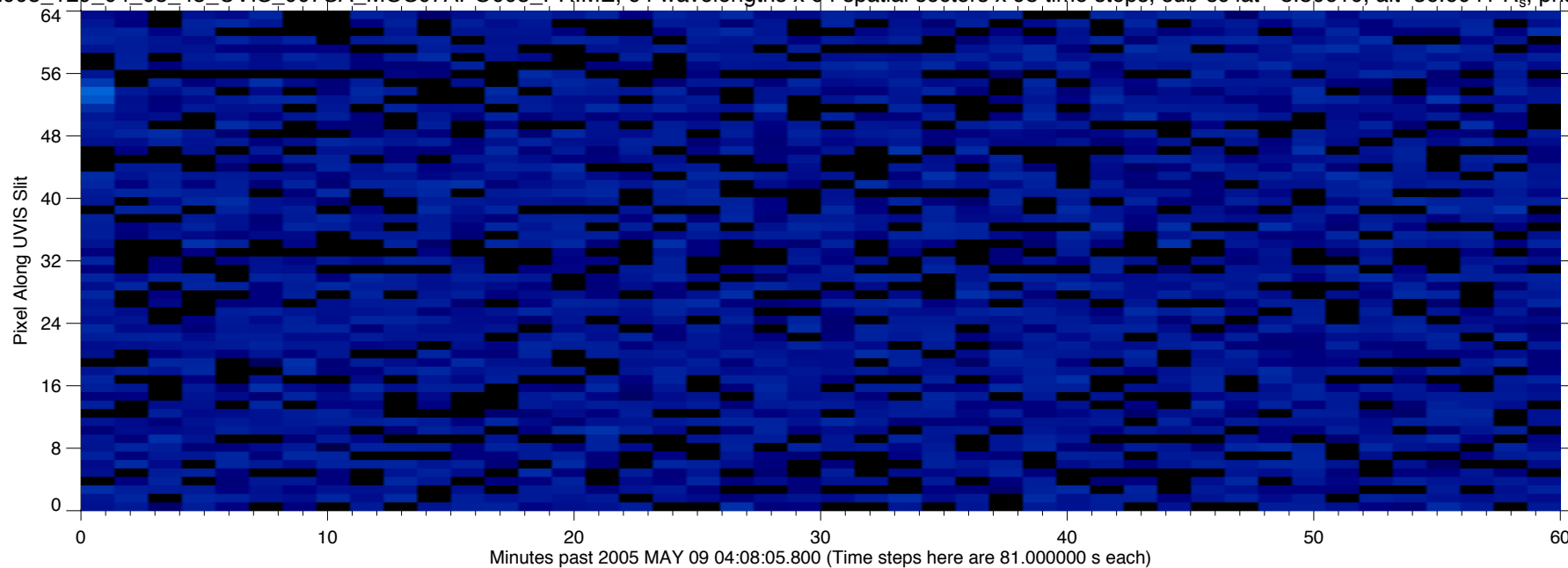
FUV2005_128_17_27_50_UVIS_007SA_MOS7APO004_PRIME, 64 wavelengths x 64 spatial sectors x 38 time steps, sub-sc lat=-8.21523, alt=35.6171 R_s, phase=77.0365



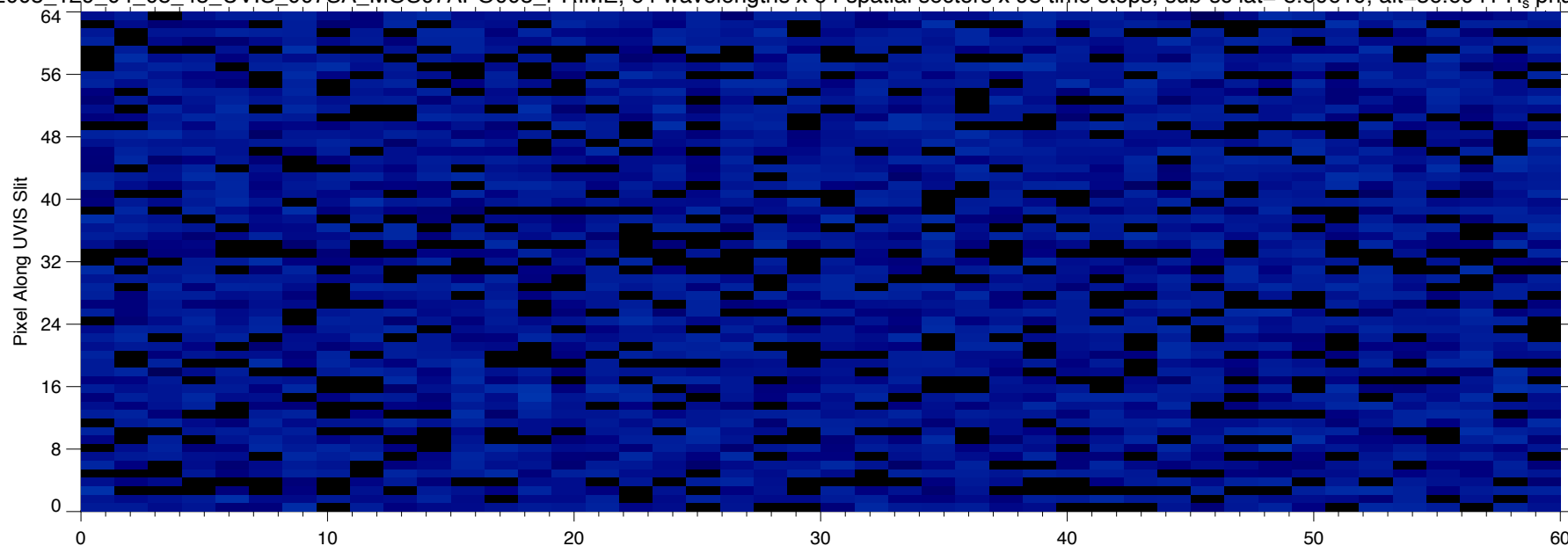
FUV2005_129_04_08_45_UVIS_007SA_MOS07APO005_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-8.80610, alt=36.6041 R_s phase=75.3478



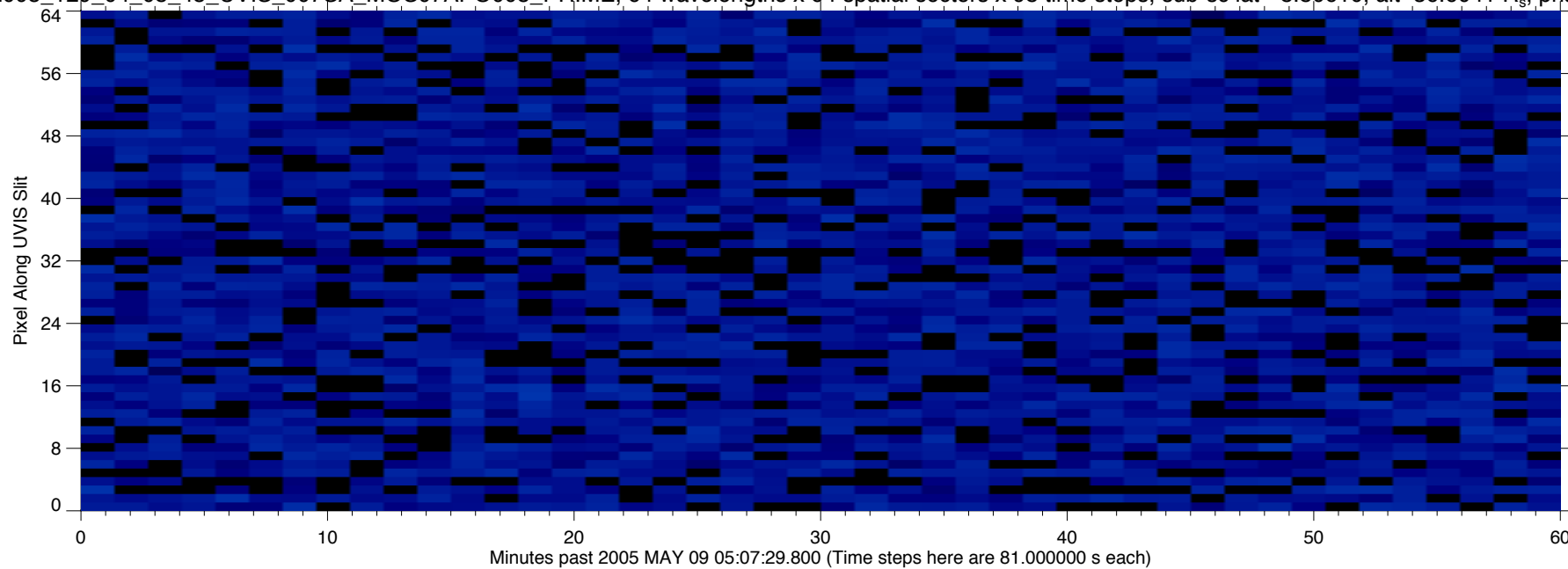
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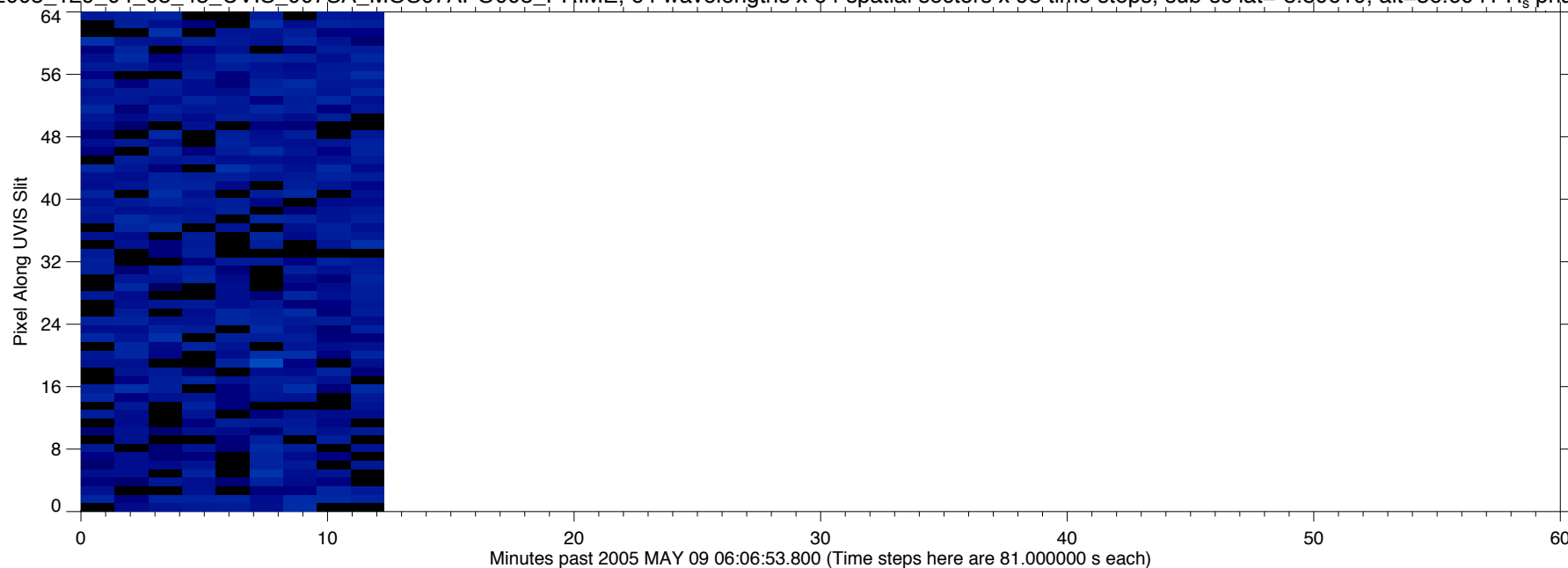
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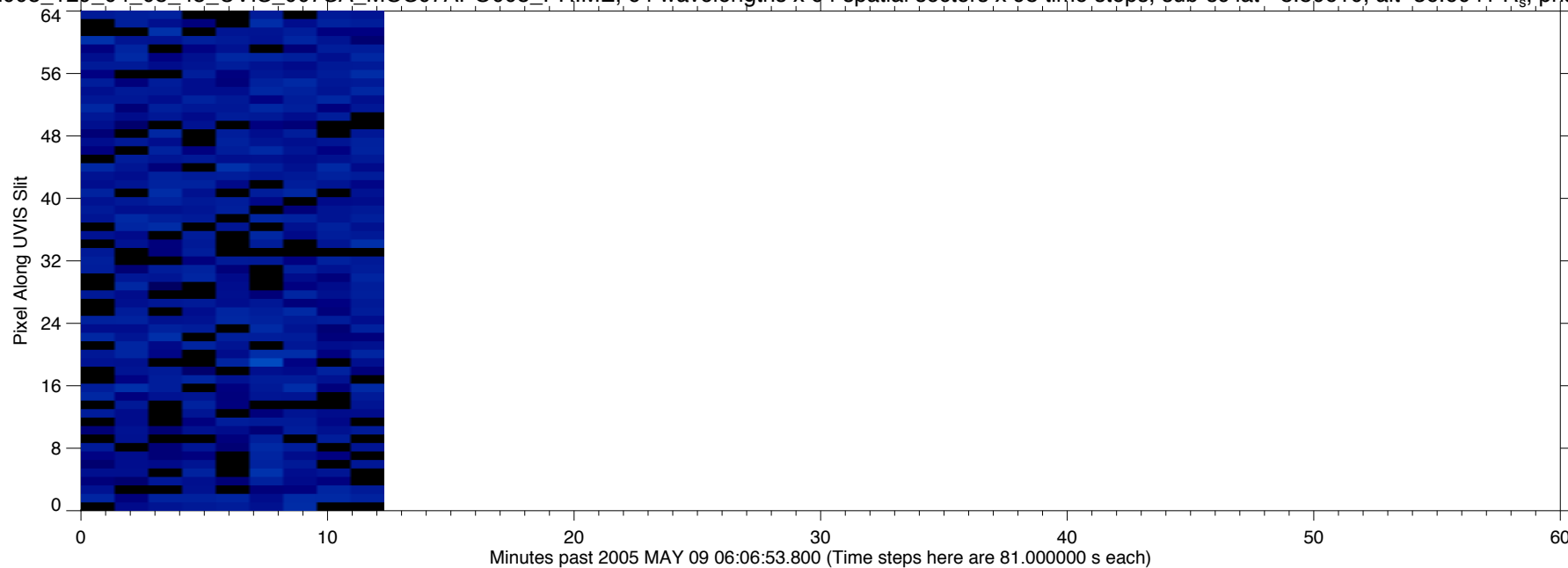
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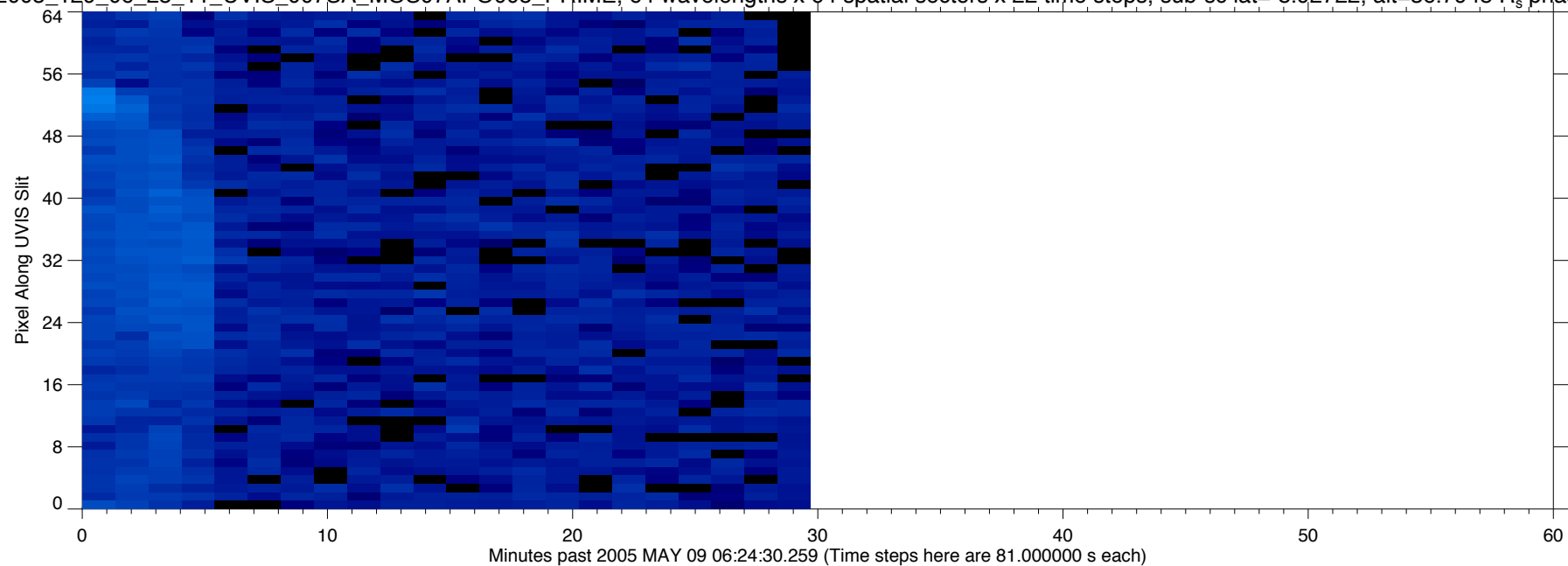
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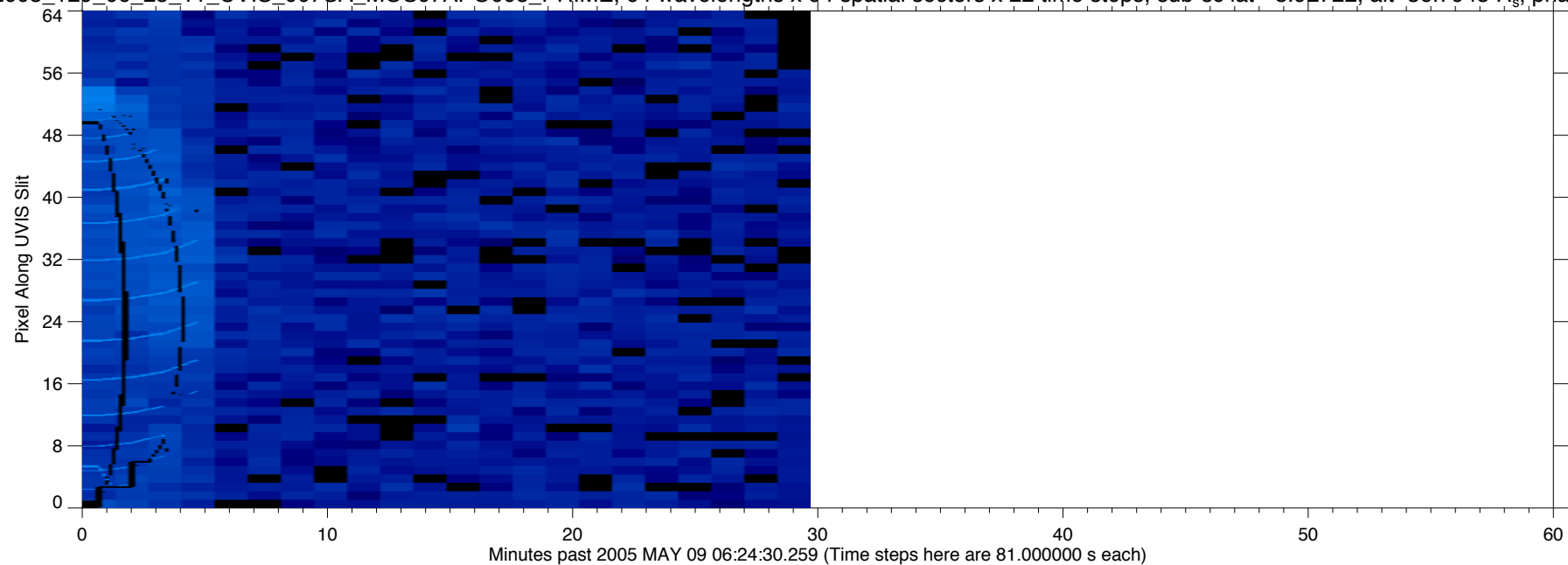
FUV2005_129_04_08_45_UVIS_007SA_MOS07APO005_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-8.80610, alt=36.6041 R_s, phase=75.3478



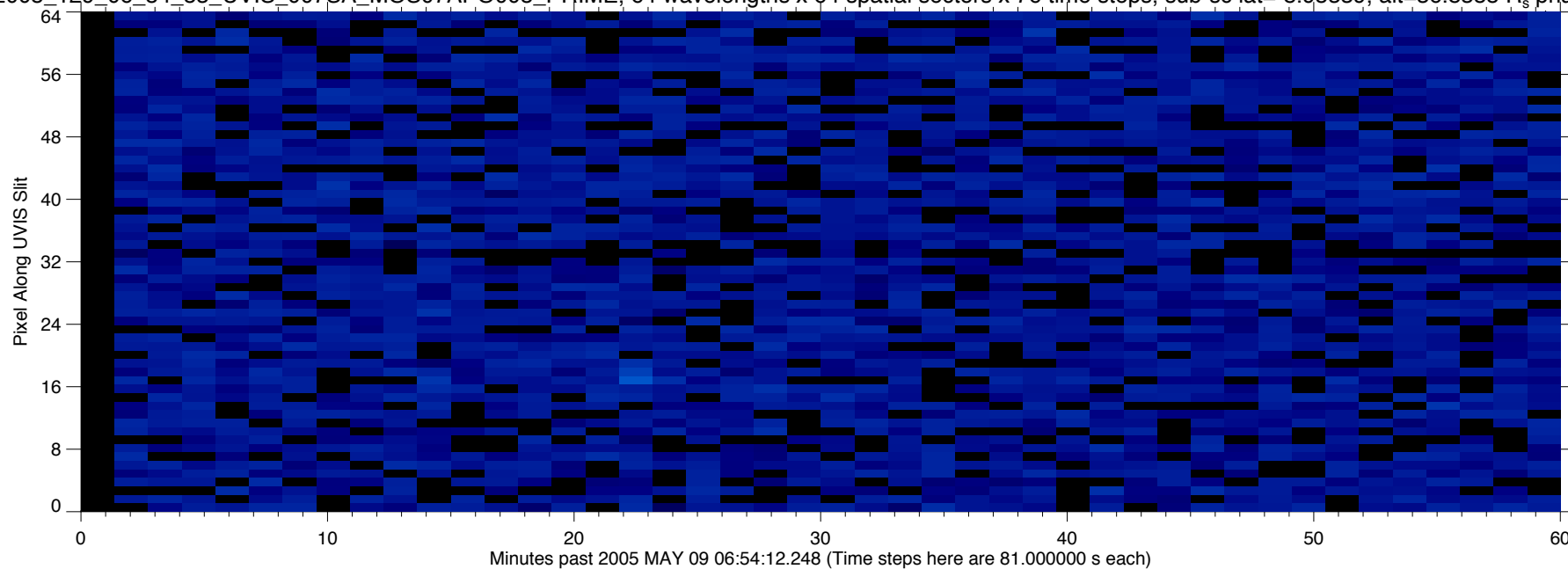
FUV2005_129_06_25_11_UVIS_007SA_MOS07APO005_PRIME, 64 wavelengths x 64 spatial sectors x 22 time steps, sub-sc lat=-8.92722, alt=36.7948 R_s, phase=74.9993



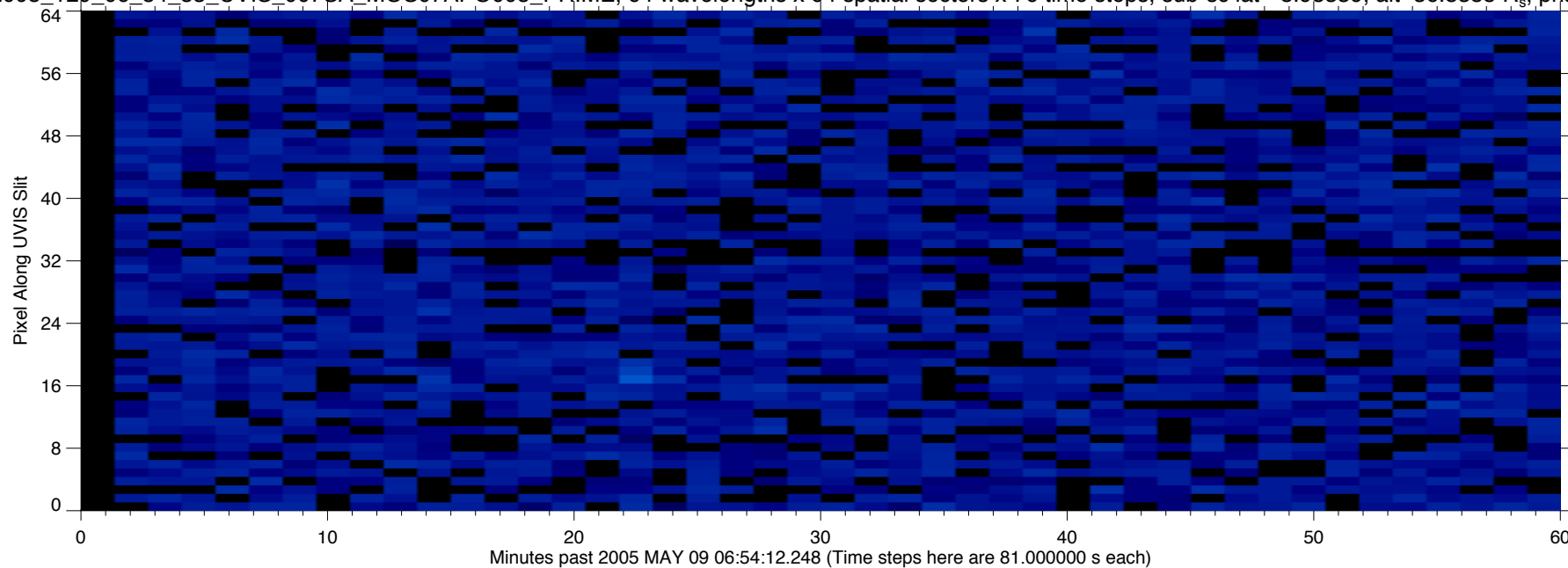
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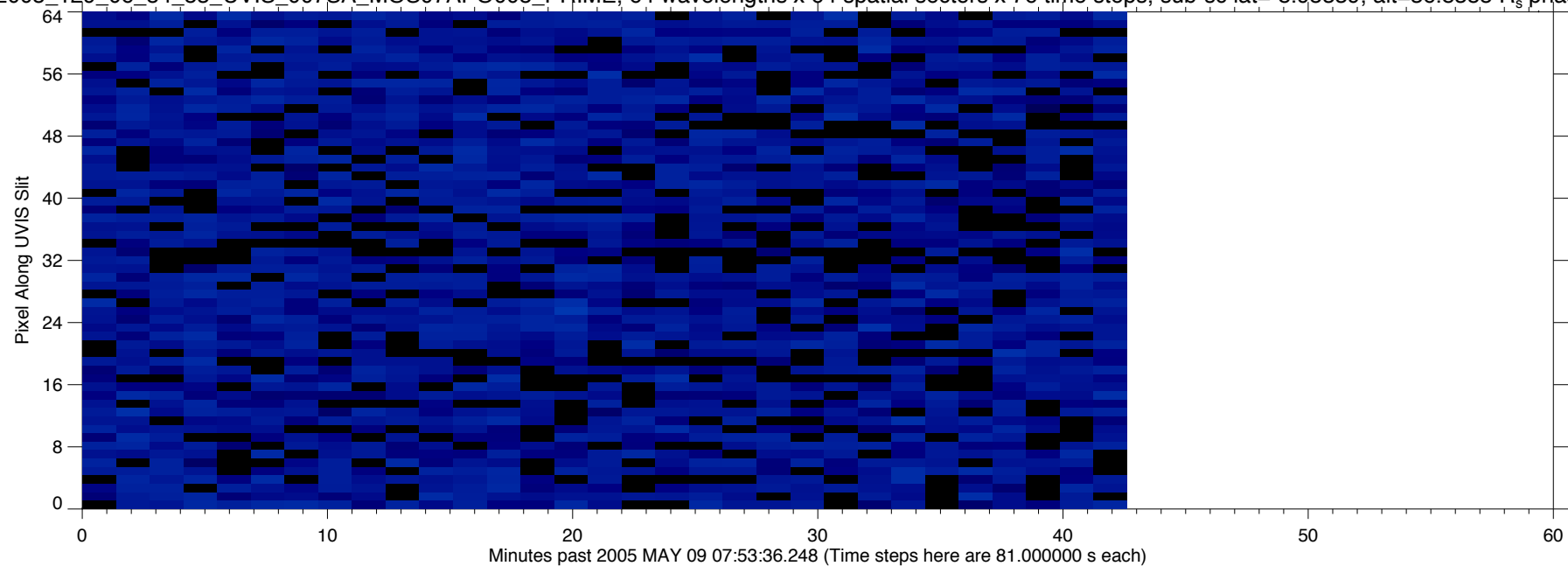
FUV2005_129_06_54_53_UVIS_007SA_MOS07APO005_PRIME, 64 wavelengths x 64 spatial sectors x 76 time steps, sub-sc lat=-8.95339, alt=36.8355 R_s, phase=74.9239



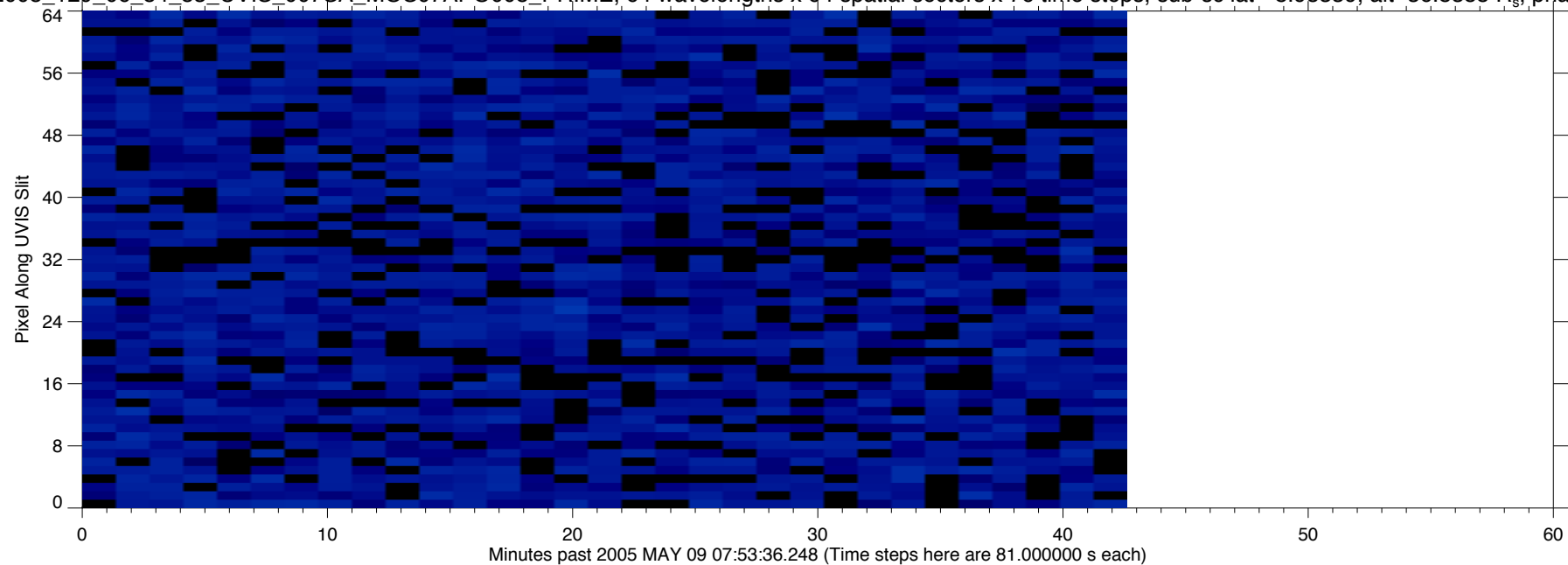
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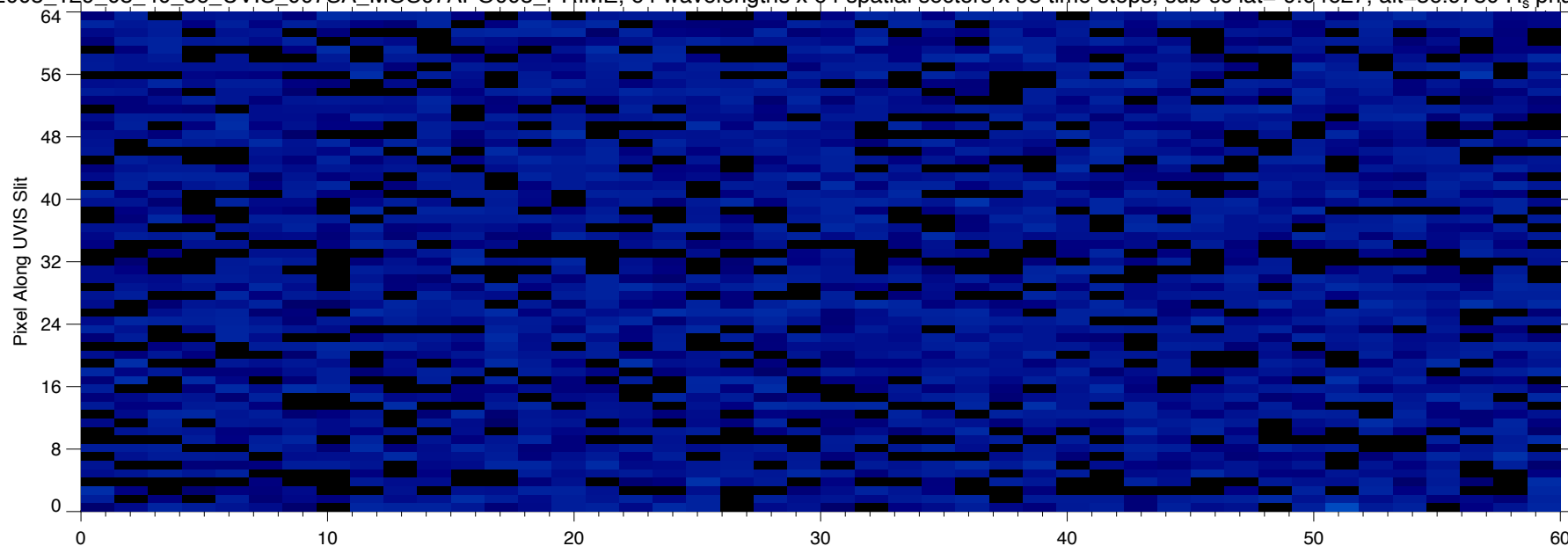
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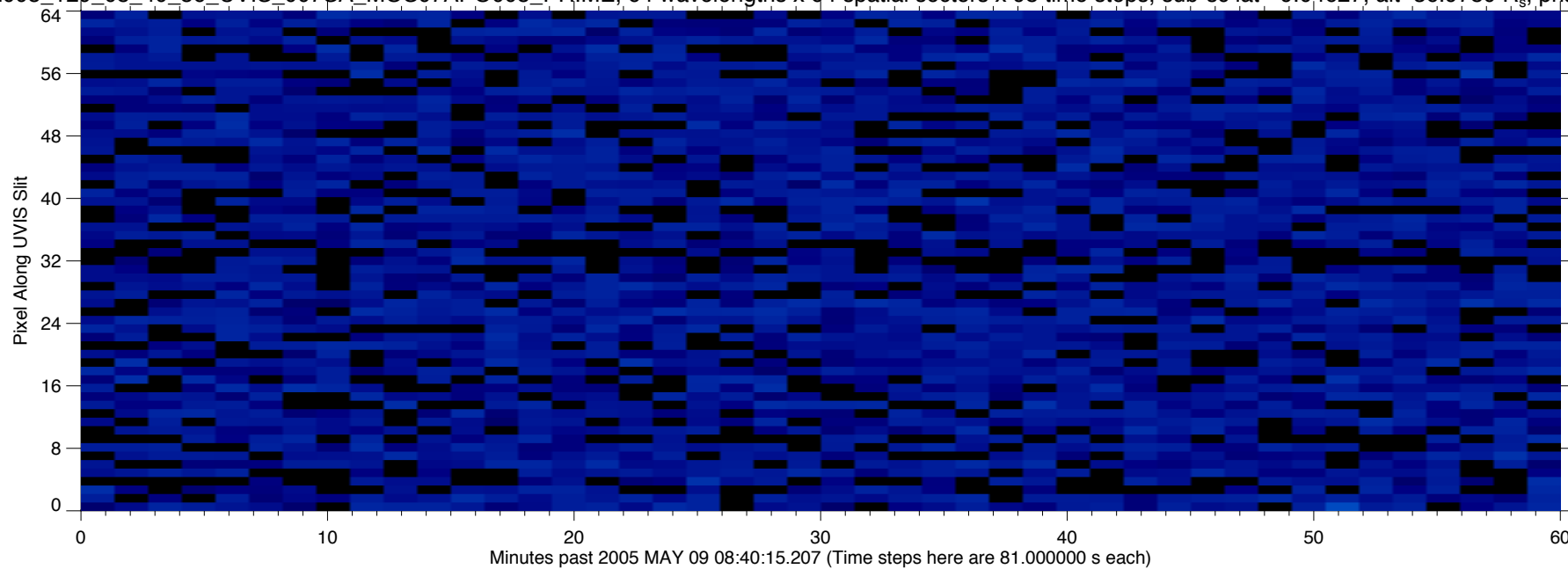
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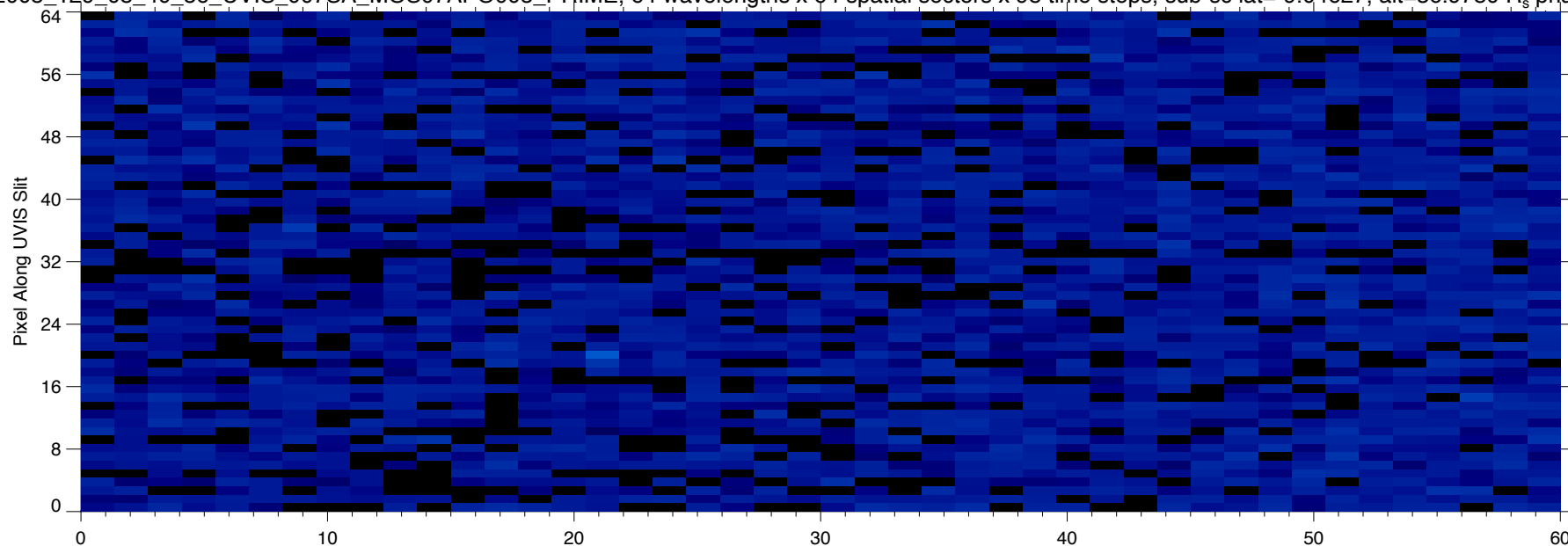
FUV2005_129_08_40_56_UVIS_007SA_MOS07APO005_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-9.04627, alt=36.9780 R_s, phase=74.6560



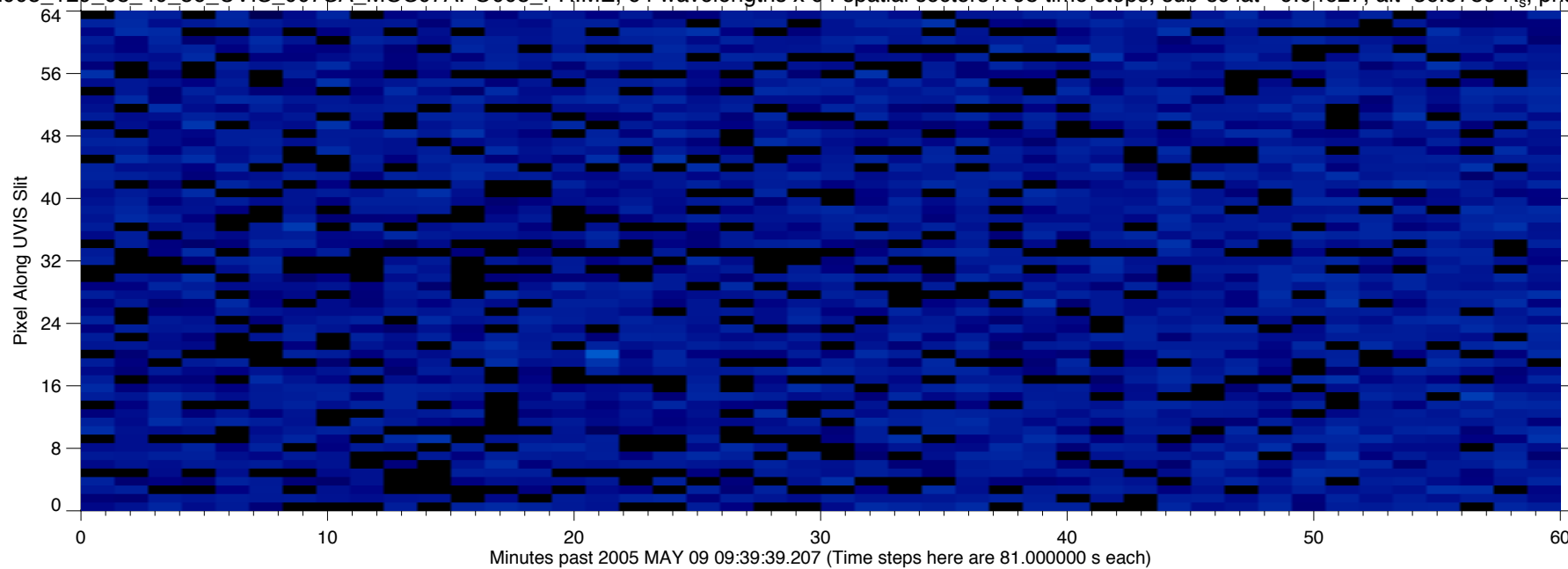
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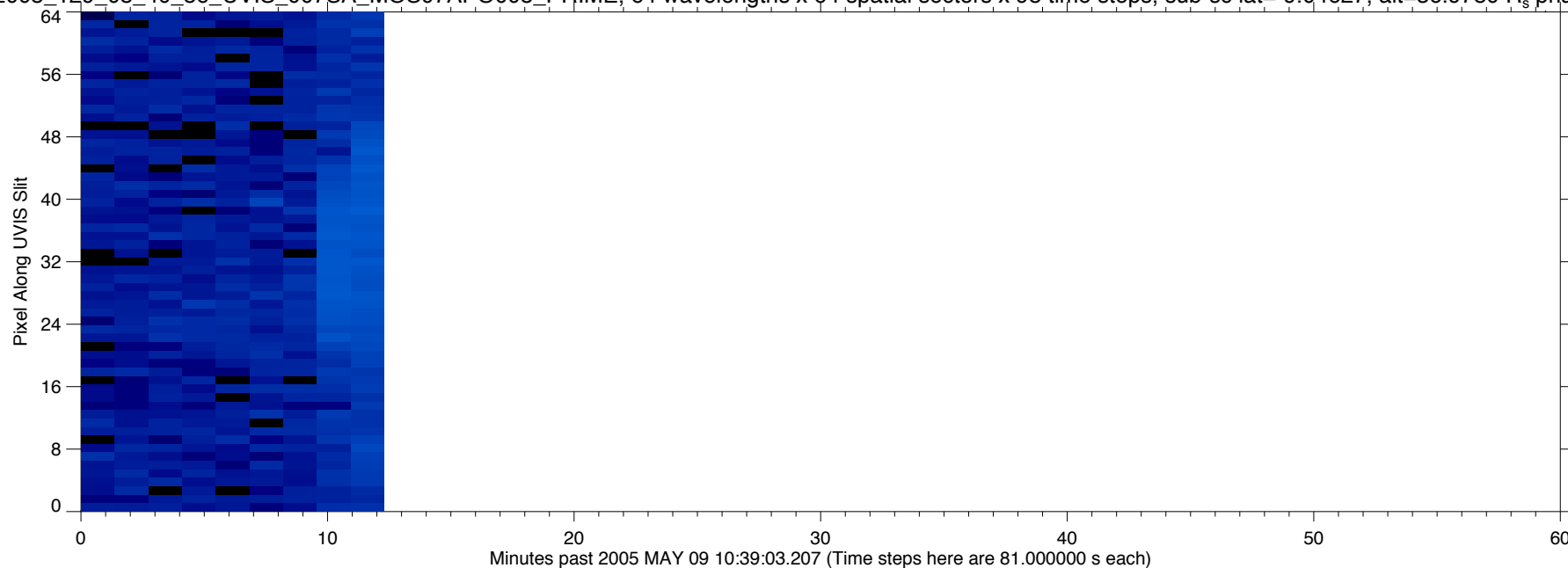
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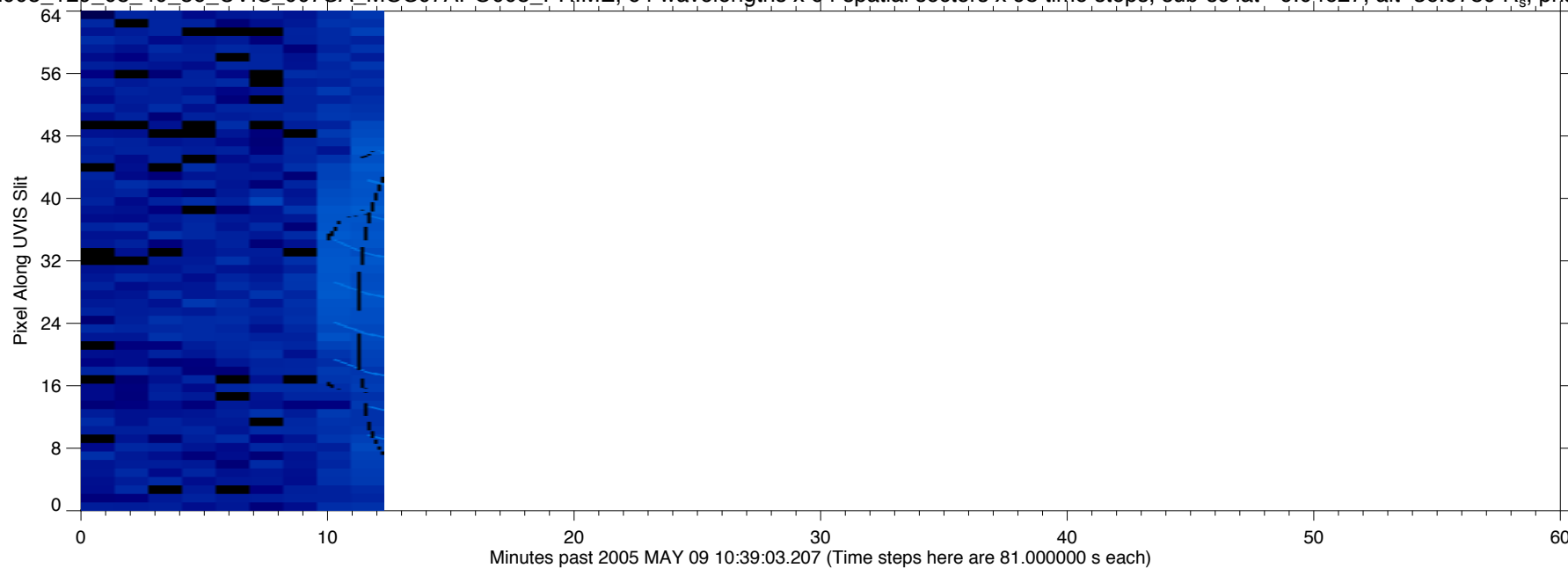
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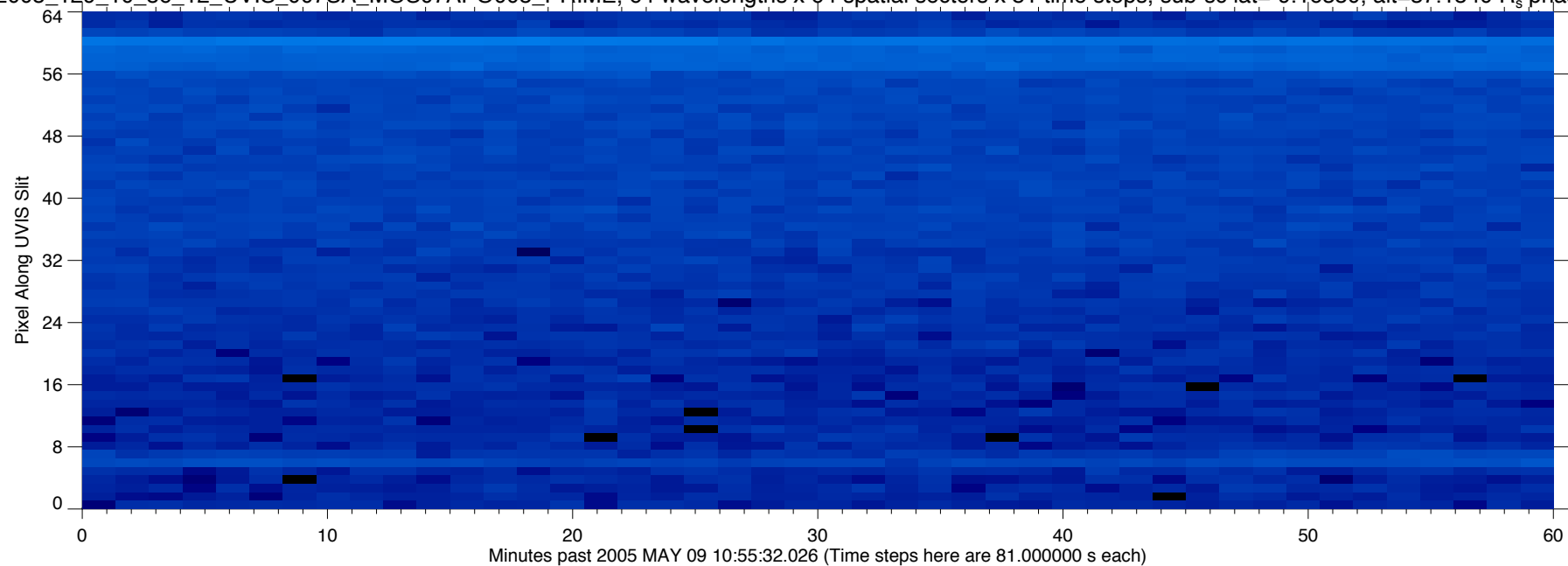
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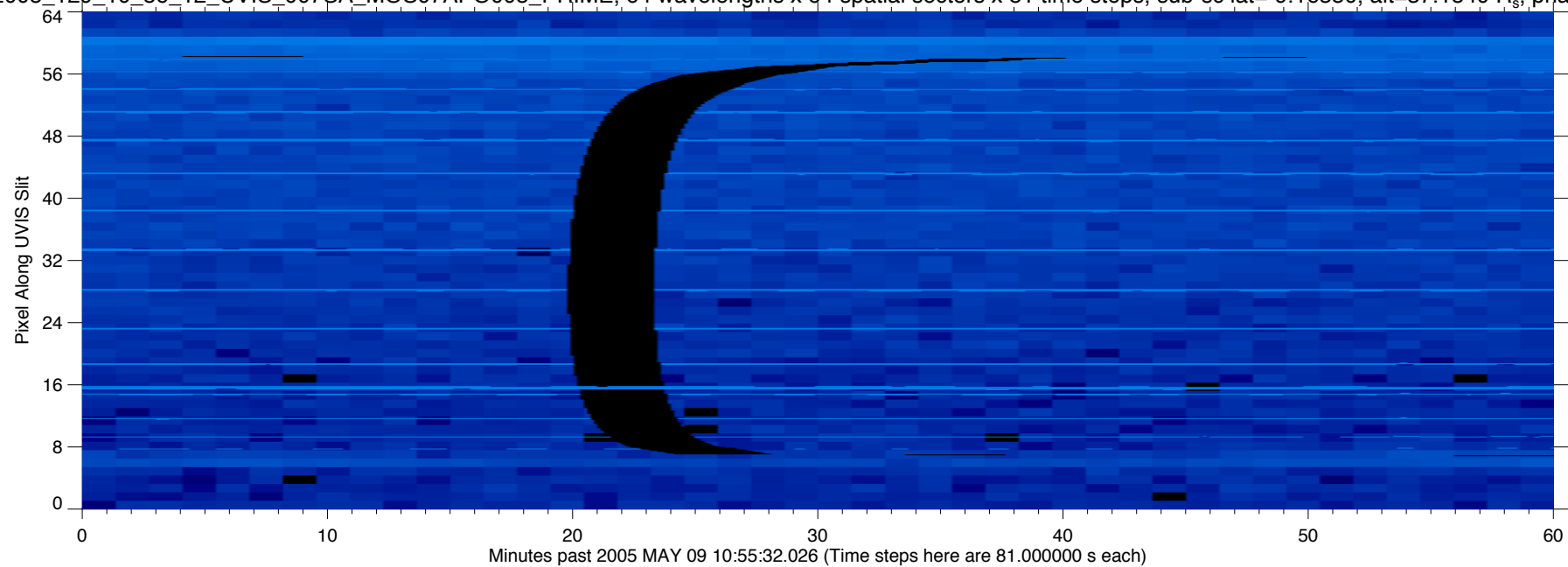
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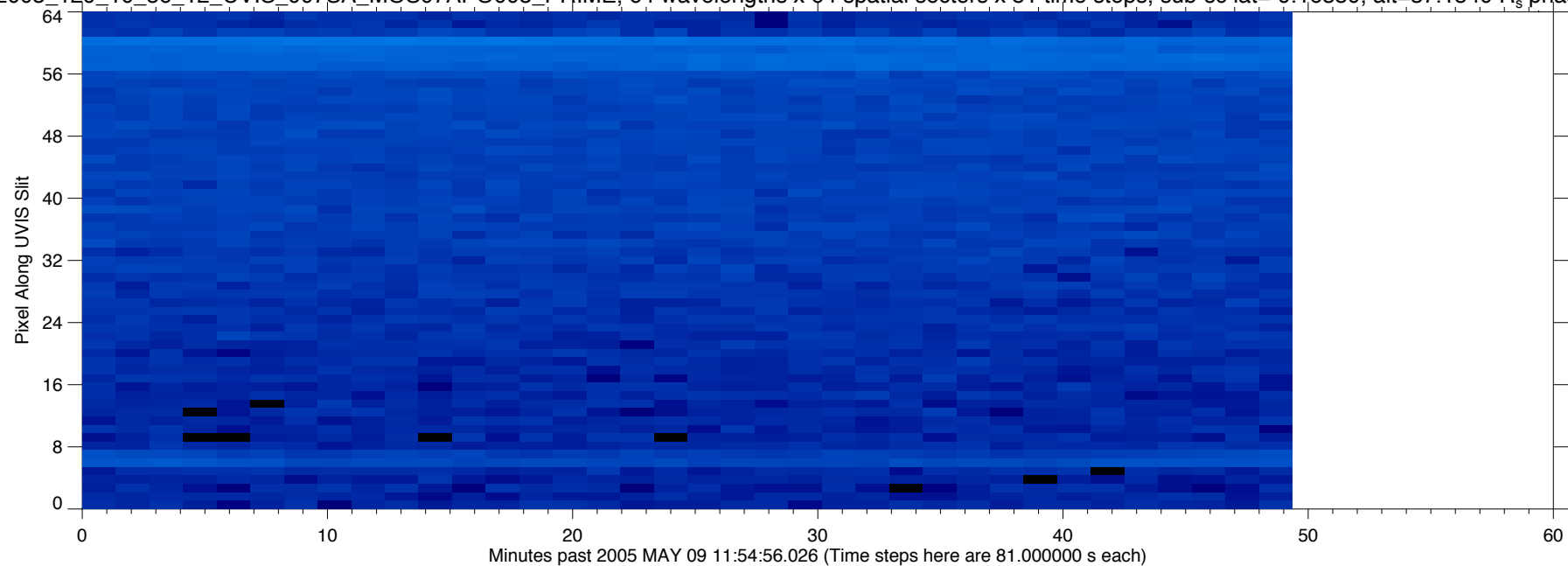
FUV2005_129_10_56_12_UVIS_007SA_MOS07APO005_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-9.16350, alt=37.1540 R_s, phase=74.3172



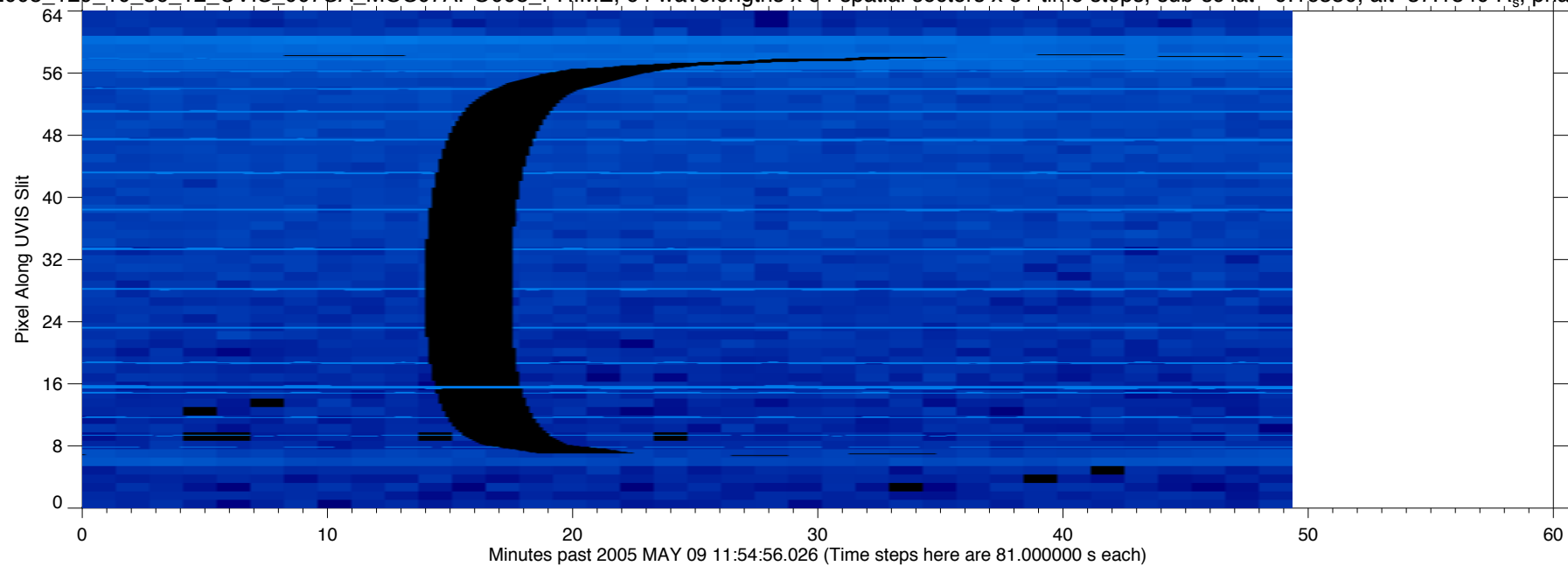
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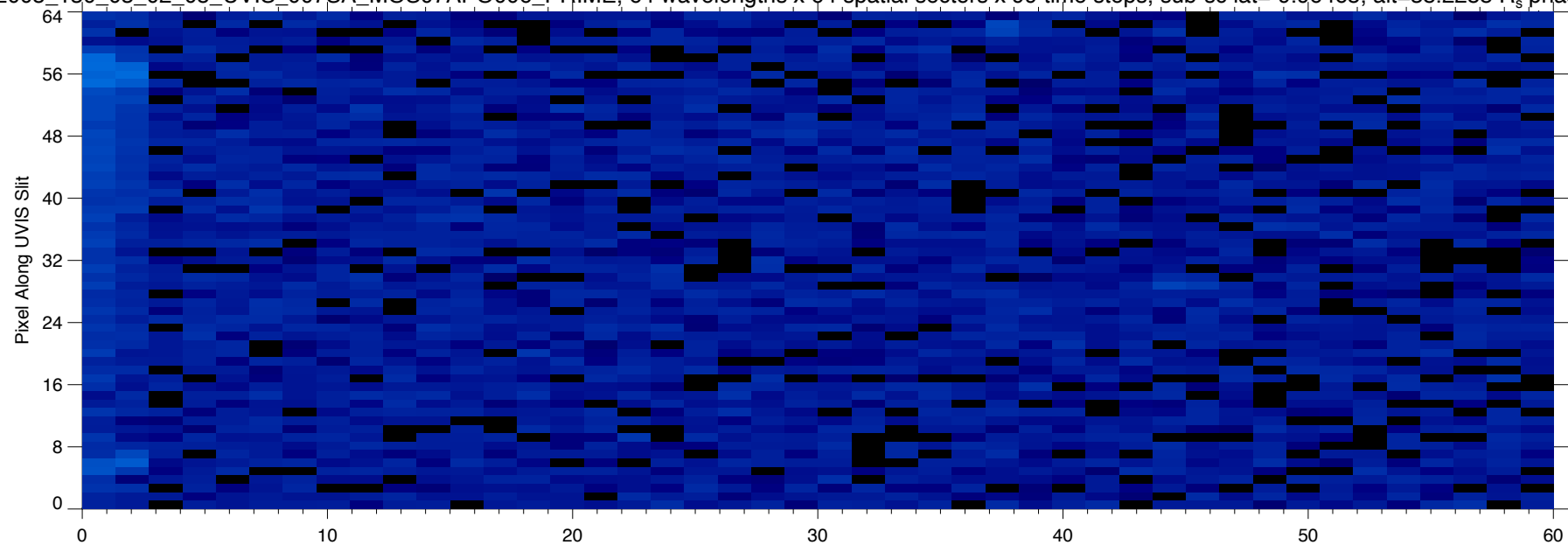
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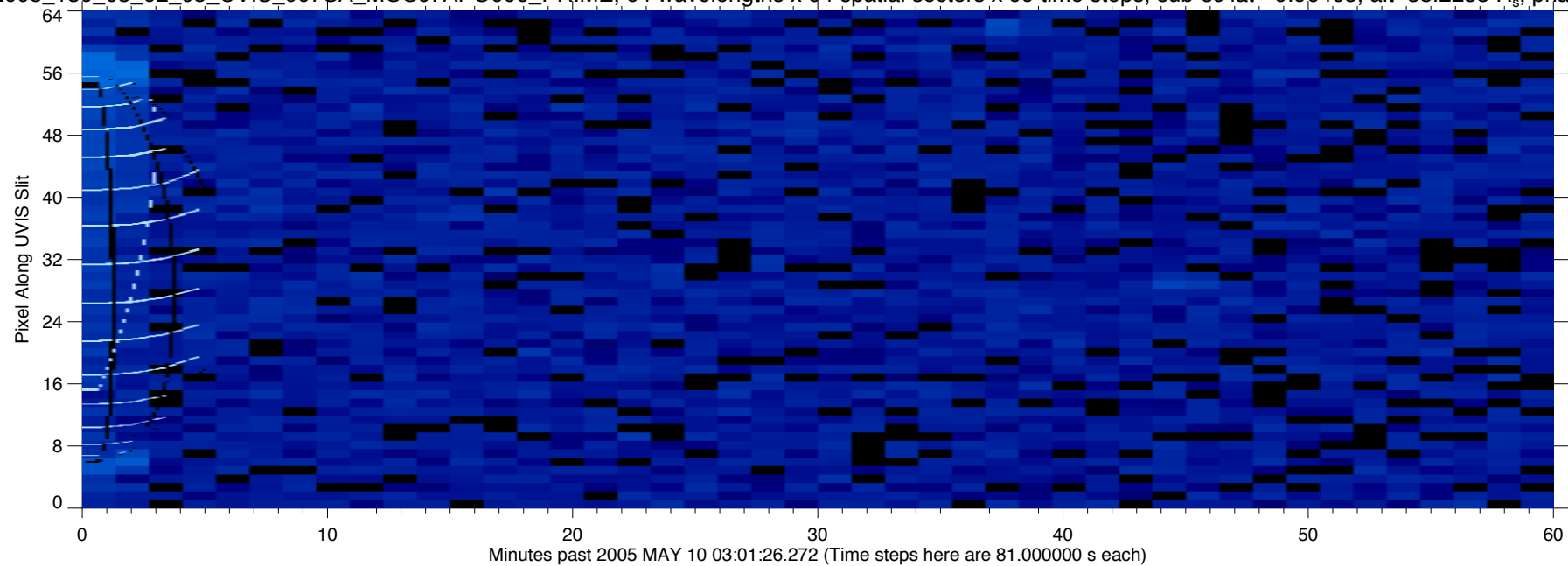
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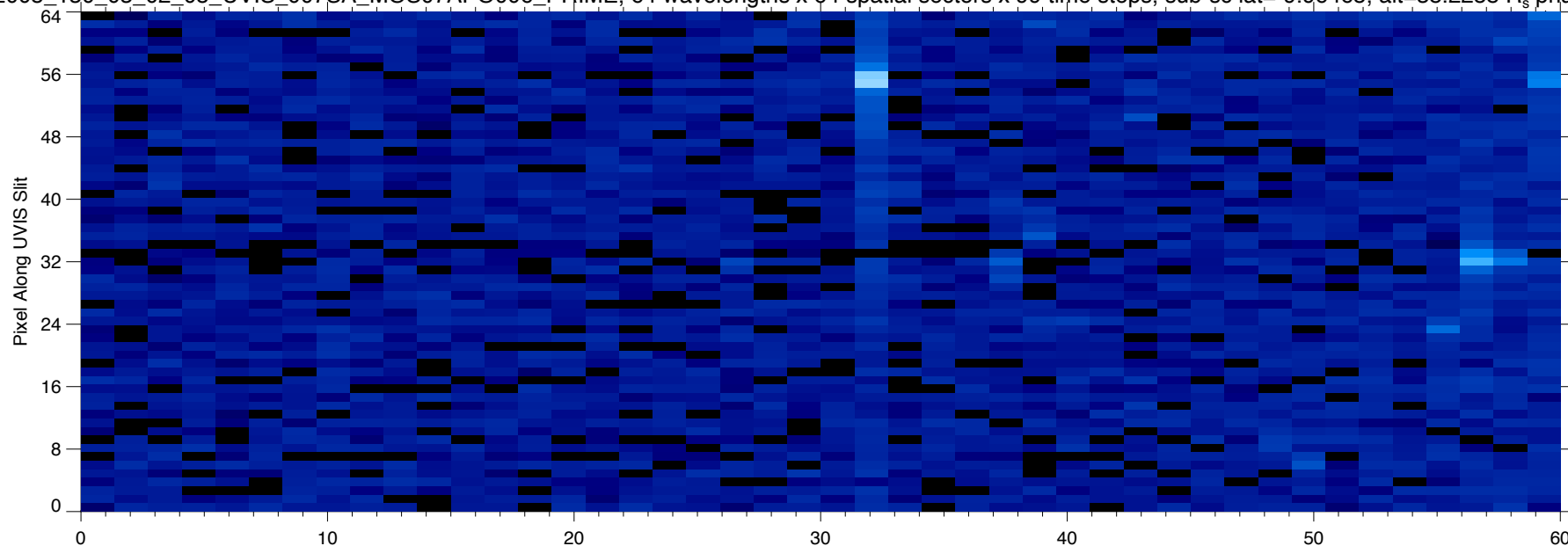
FUV2005_130_03_02_05_UVIS_007SA_MOS07APO006_PRIME, 64 wavelengths x 64 spatial sectors x 99 time steps, sub-sc lat=-9.96465, alt=38.2258 R_s, phase=71.9787



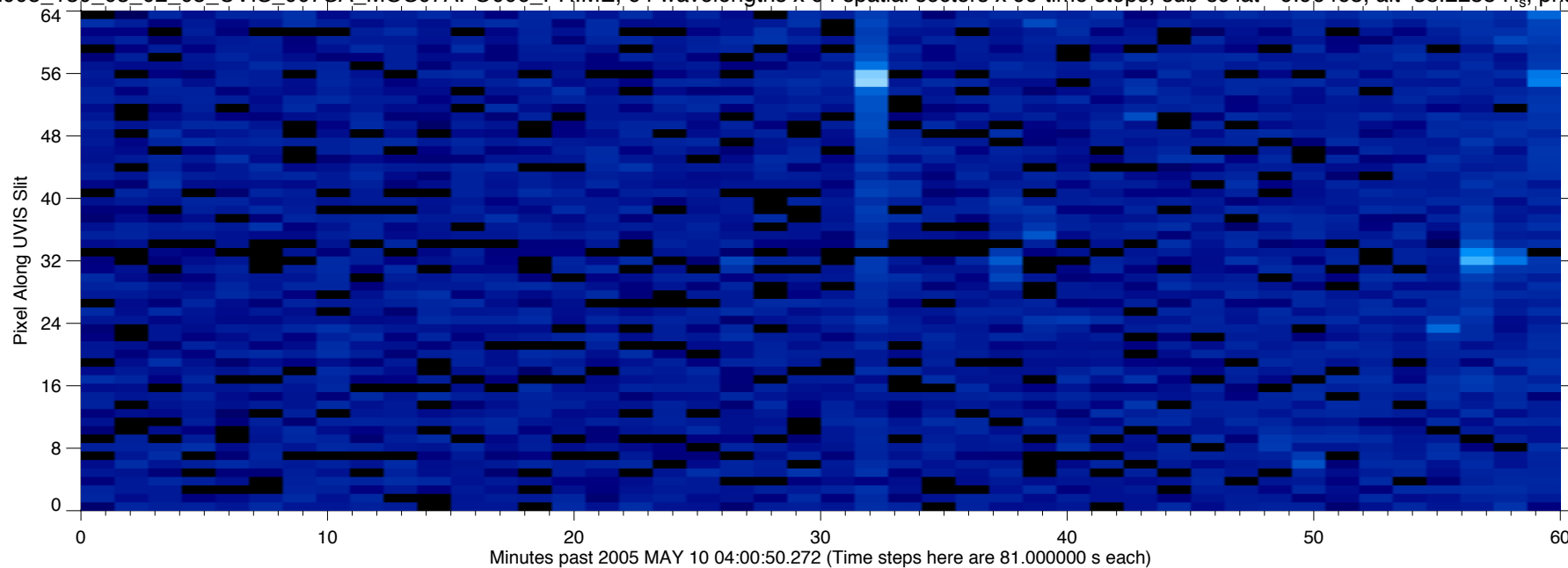
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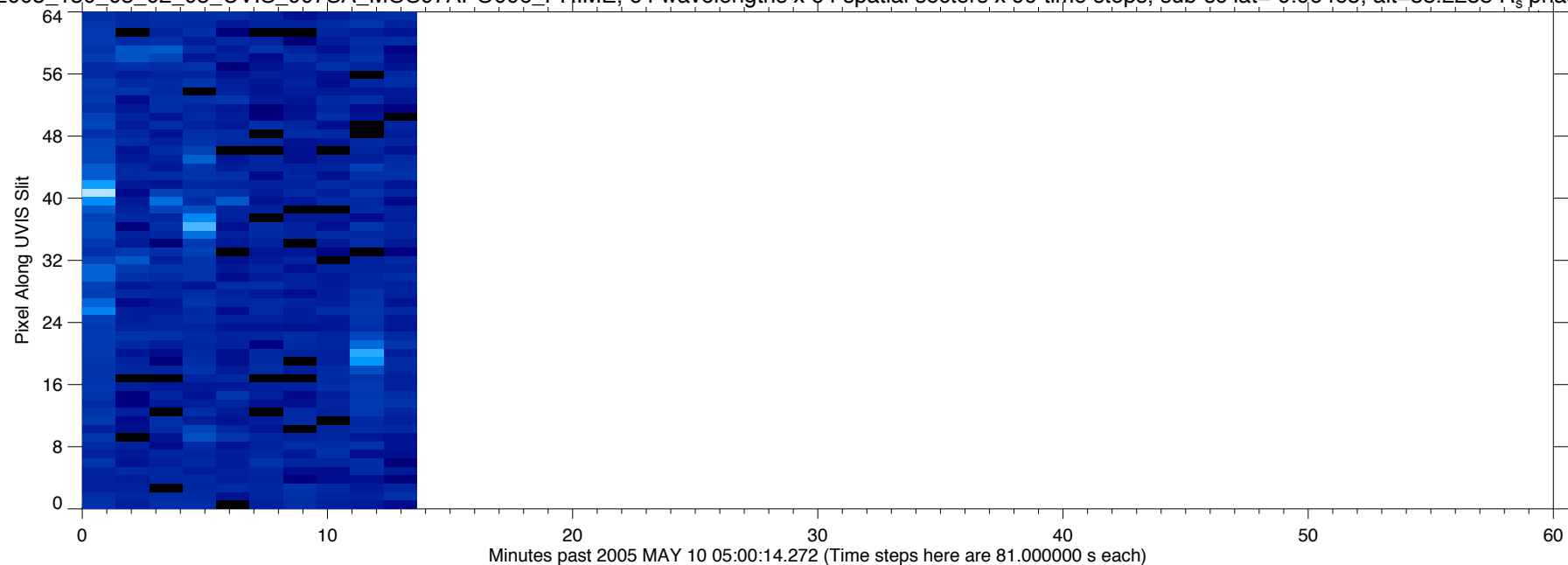
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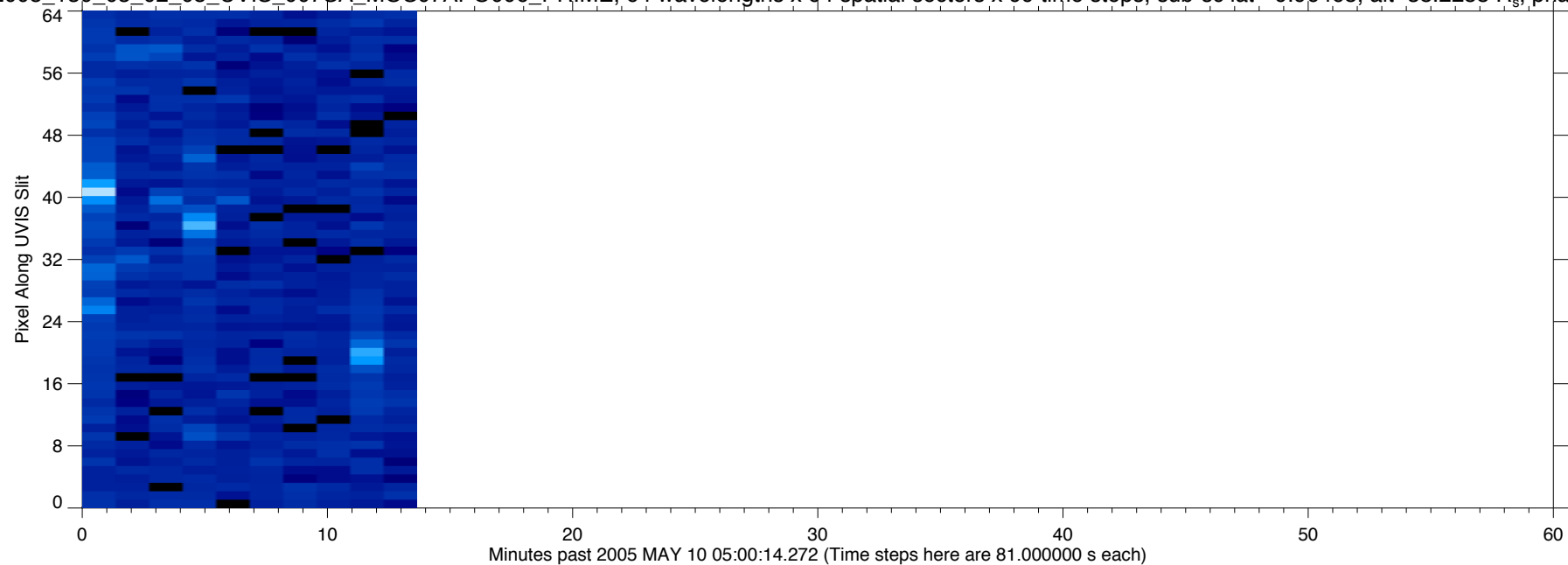
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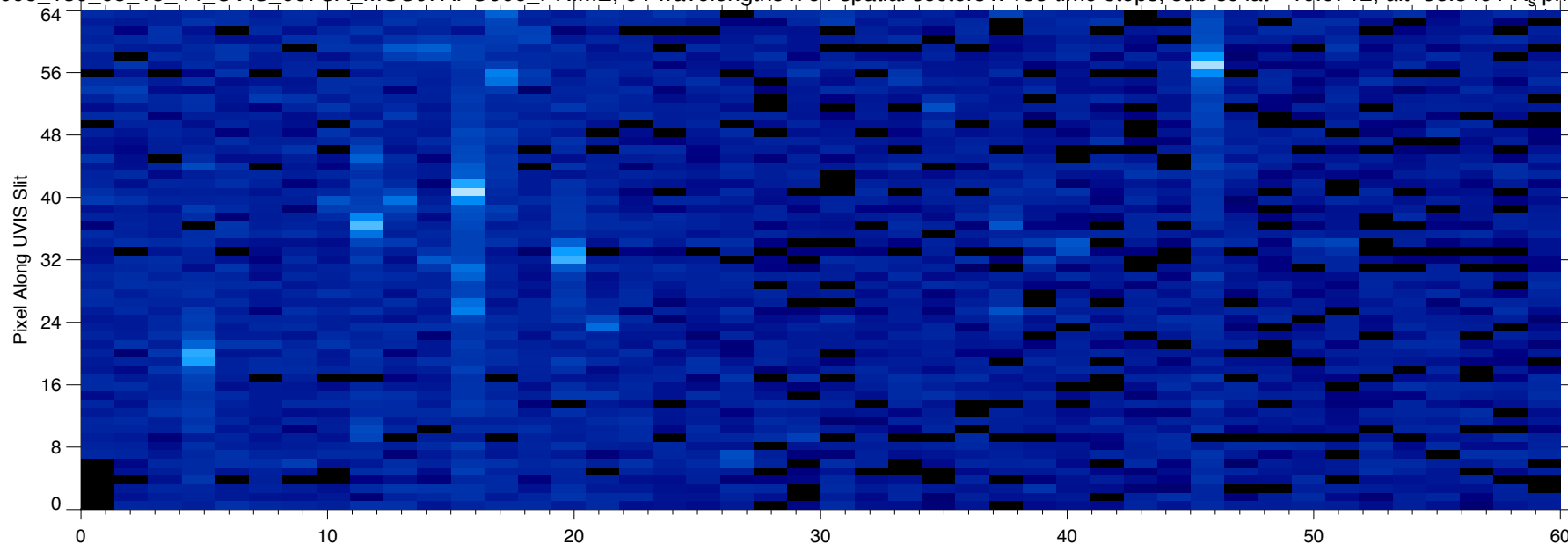
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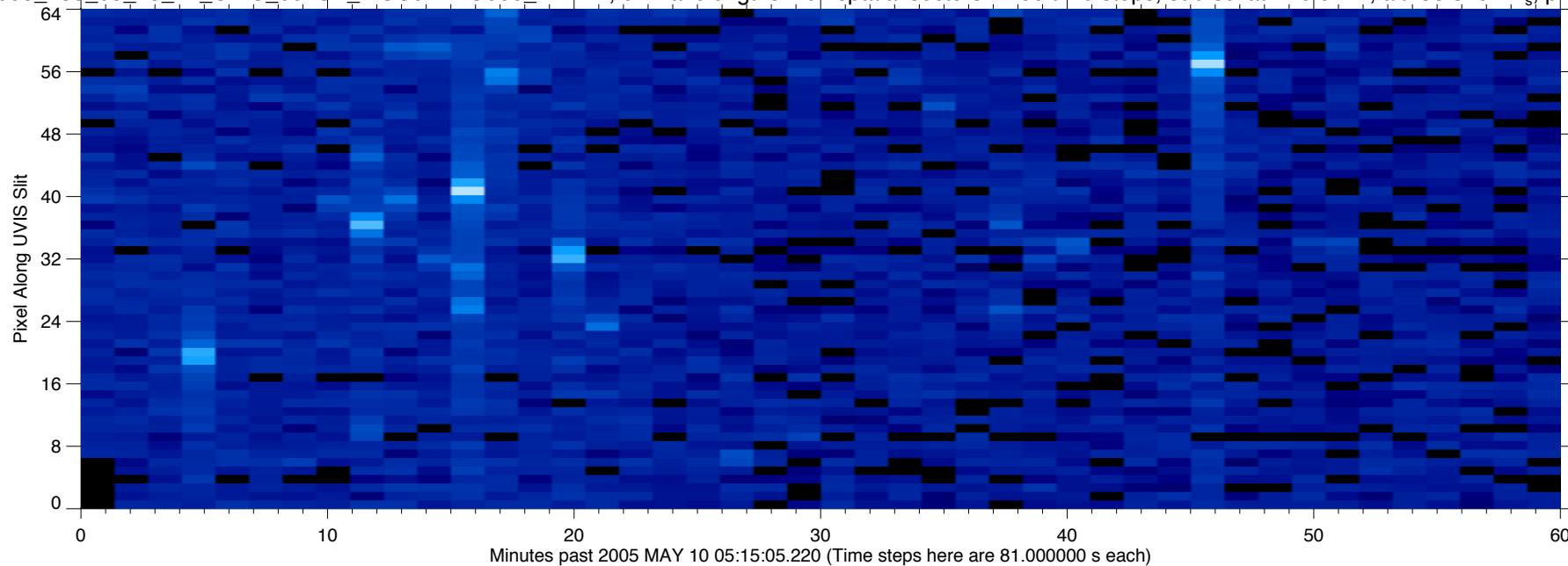
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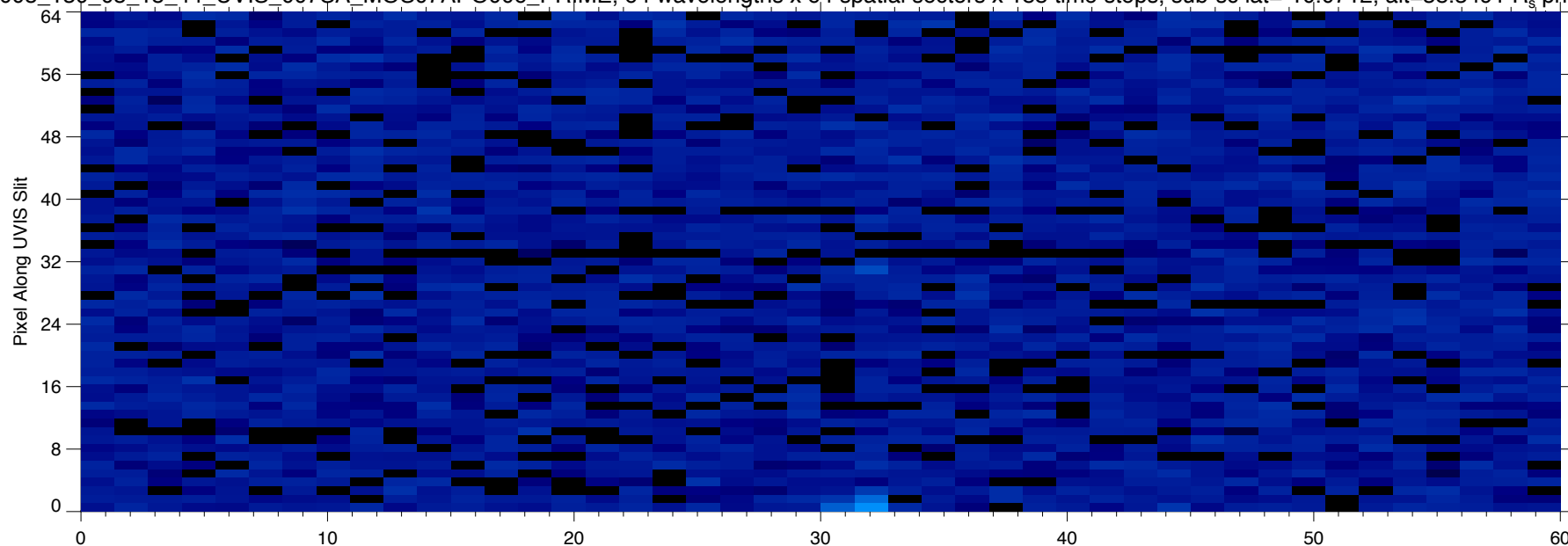
FUV2005_130_05_15_44_UVIS_007SA_MOS07APO006_PRIME, 64 wavelengths x 64 spatial sectors x 188 time steps, sub-sc lat=-10.0712, alt=38.3491 R_s phase=71.6646



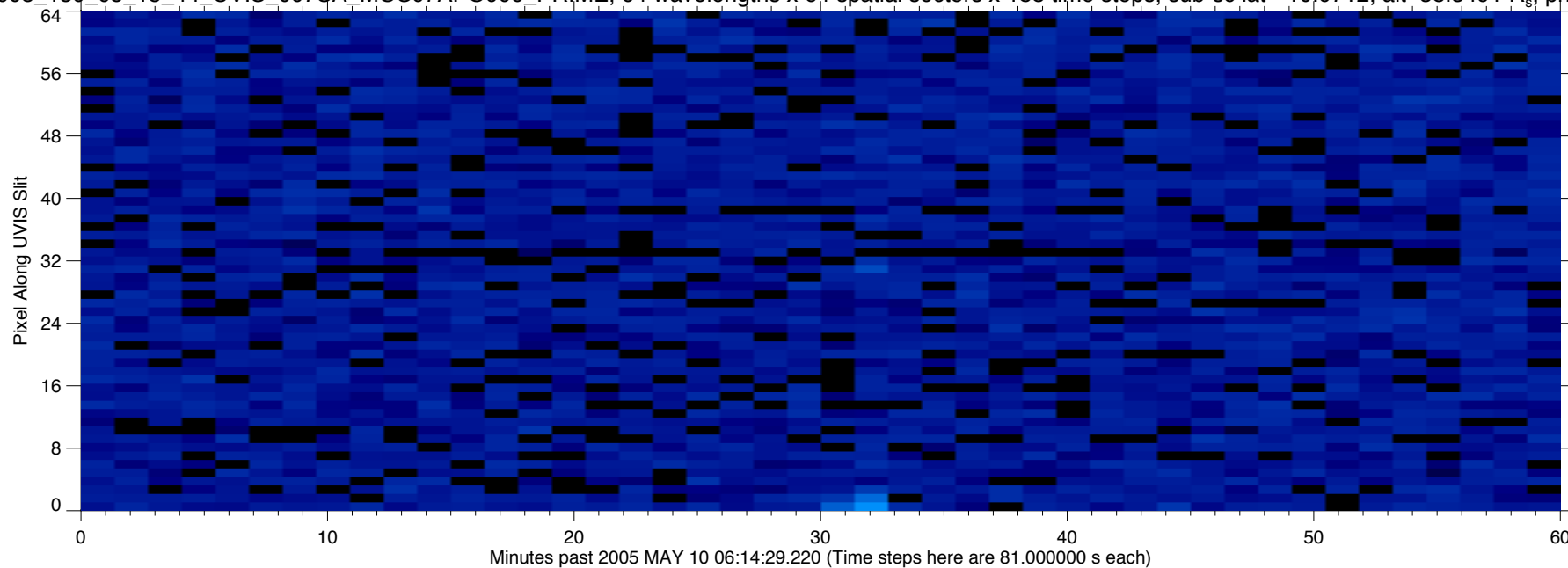
FUV2005_130_05_15_44_UVIS_007SA_MOS07APO006_PRIME, 64 wavelengths x 64 spatial sectors x 188 time steps, sub-sc lat=-10.0712, alt=38.3491 R_s phase=71.6646



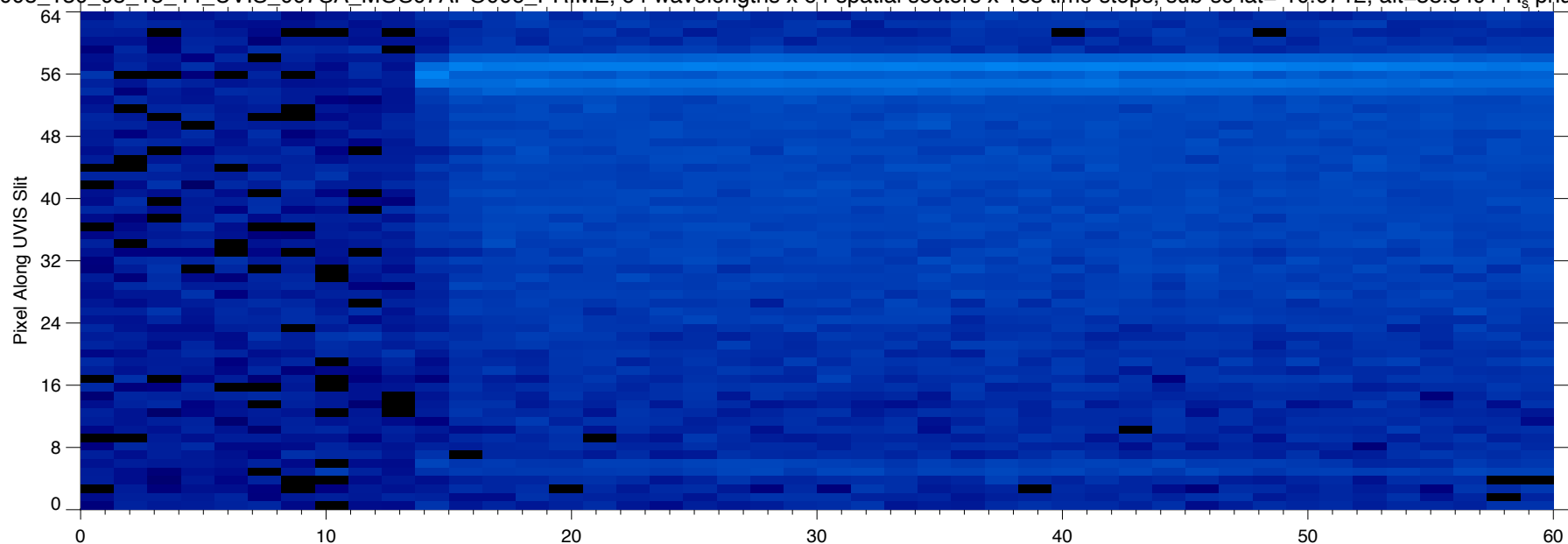
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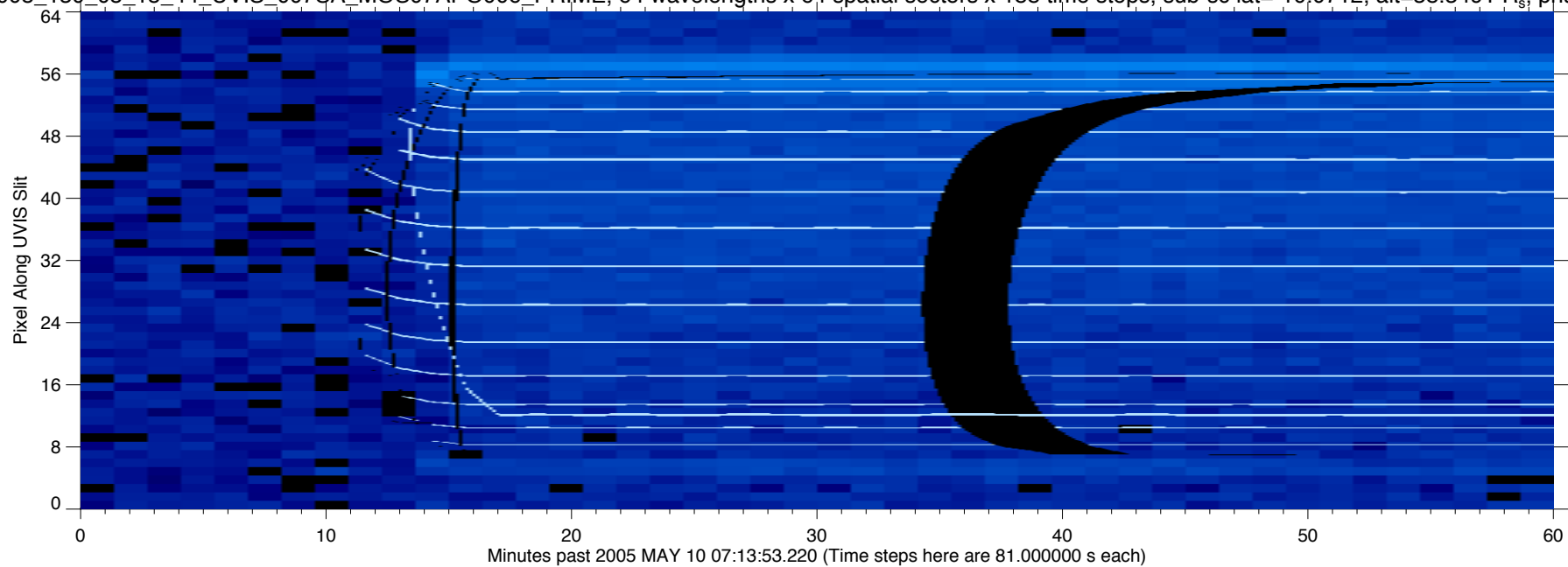
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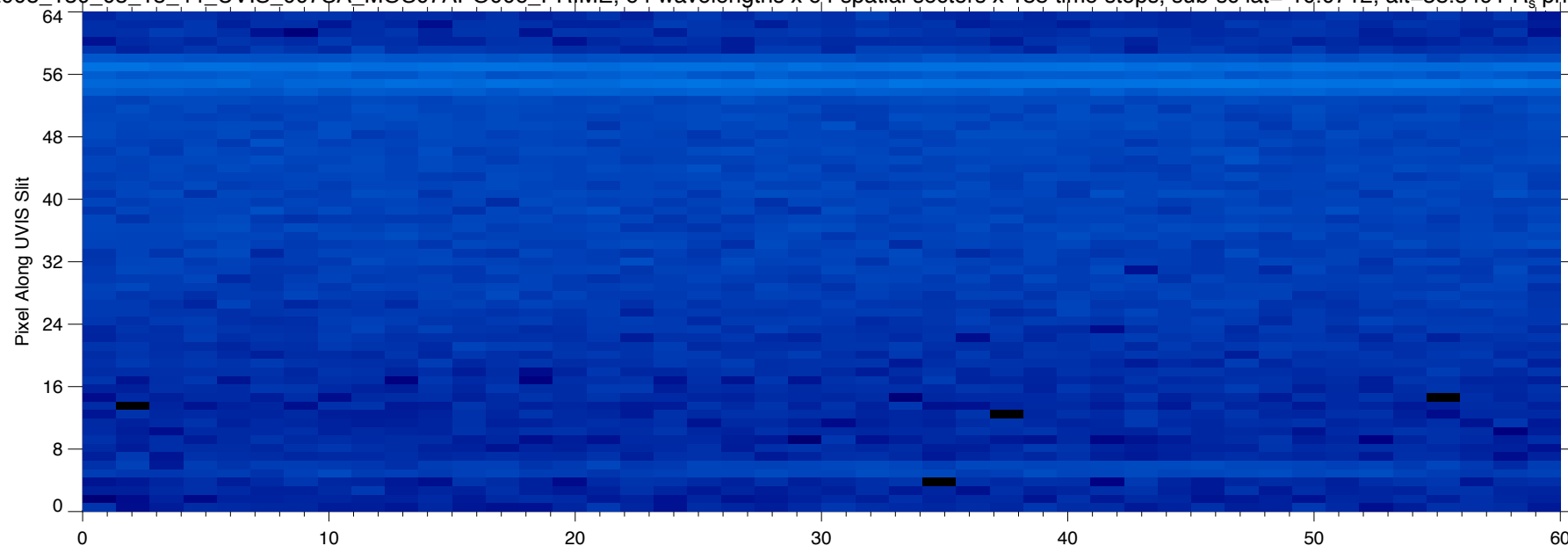
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FUV2005_130_05_15_44_UVIS_007SA_MOS07APO006_PRIME, 64 wavelengths x 64 spatial sectors x 188 time steps, sub-sc lat=-10.0712, alt=38.3491 R_s phase=71.6646

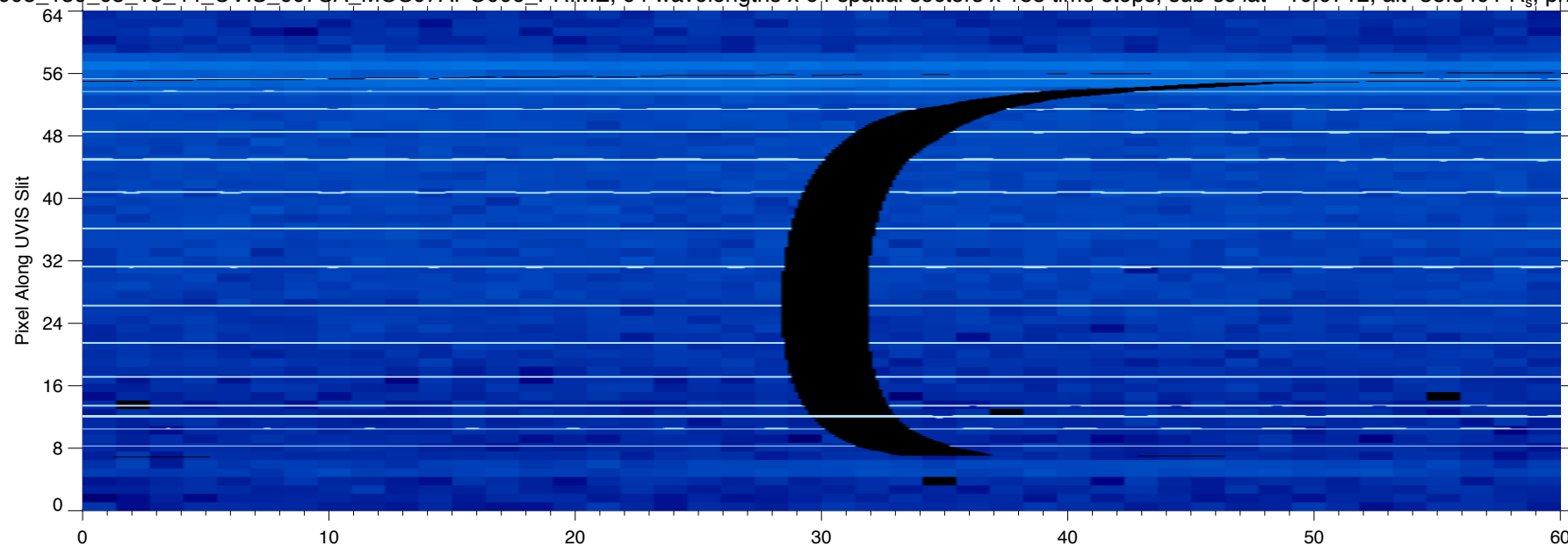


FUV2005_130_05_15_44_UVIS_007SA_MOS07APO006_PRIME, 64 wavelengths x 64 spatial sectors x 188 time steps, sub-sc lat=-10.0712, alt=38.3491 R_s phase=71.6646



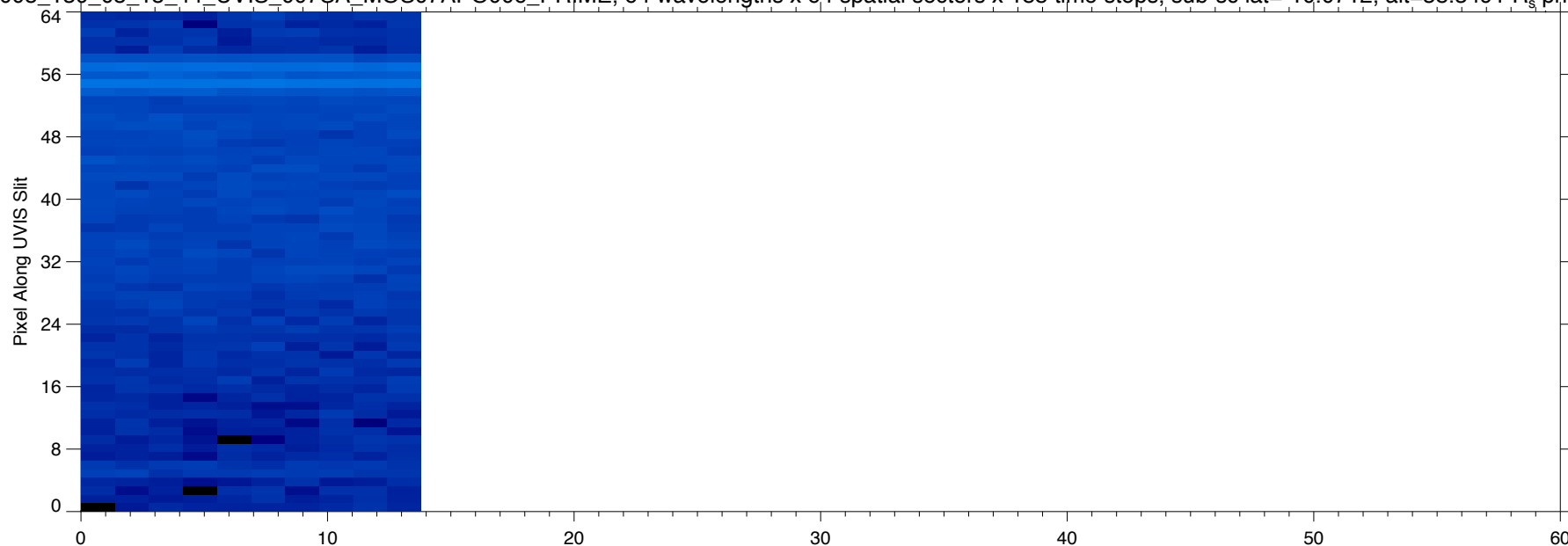
Minutes past 2005 MAY 10 08:13:17.220 (Time steps here are 81.000000 s each)

FUV2005_130_05_15_44_UVIS_007SA_MOS07APO006_PRIME, 64 wavelengths x 64 spatial sectors x 188 time steps, sub-sc lat=-10.0712, alt=38.3491 R_s phase=71.6646

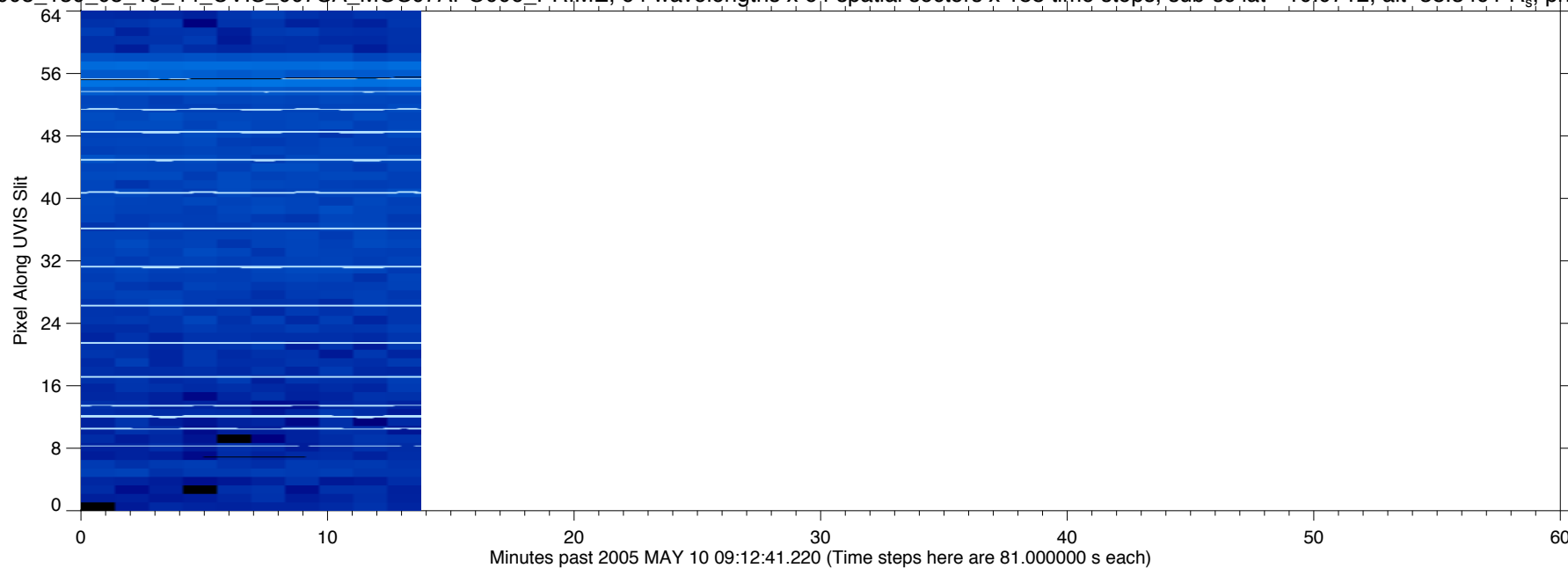


Minutes past 2005 MAY 10 08:13:17.220 (Time steps here are 81.000000 s each)

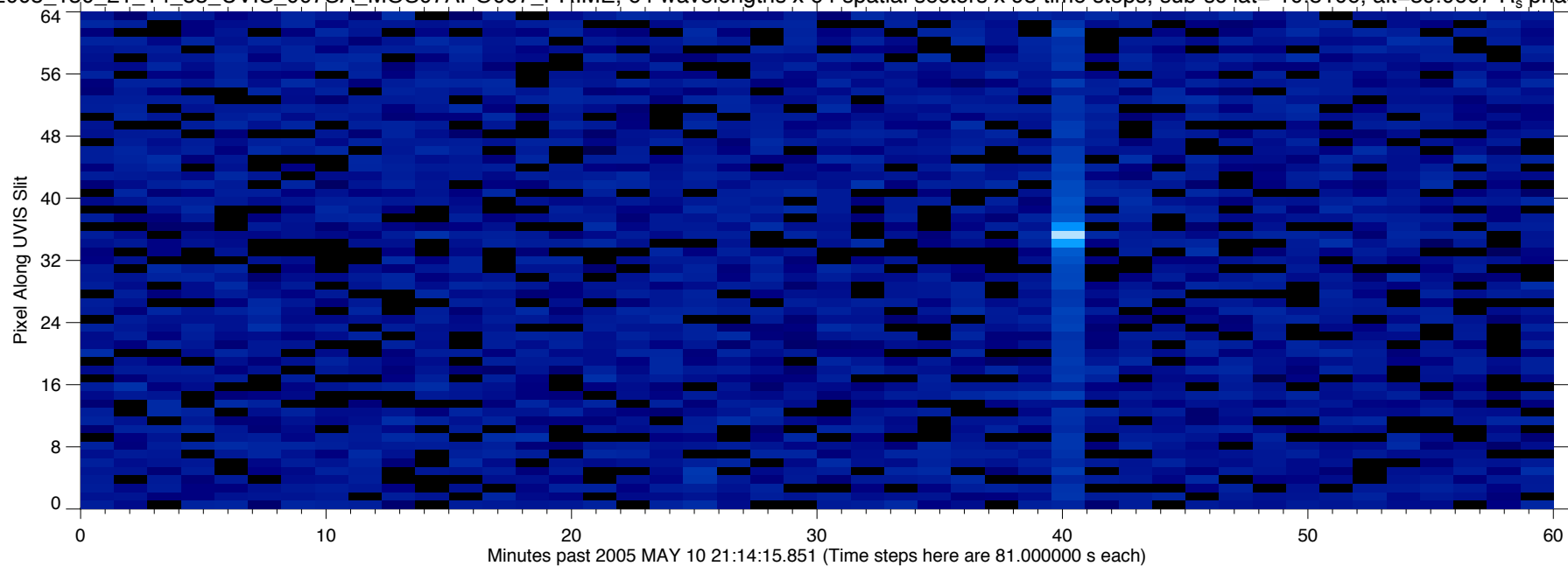
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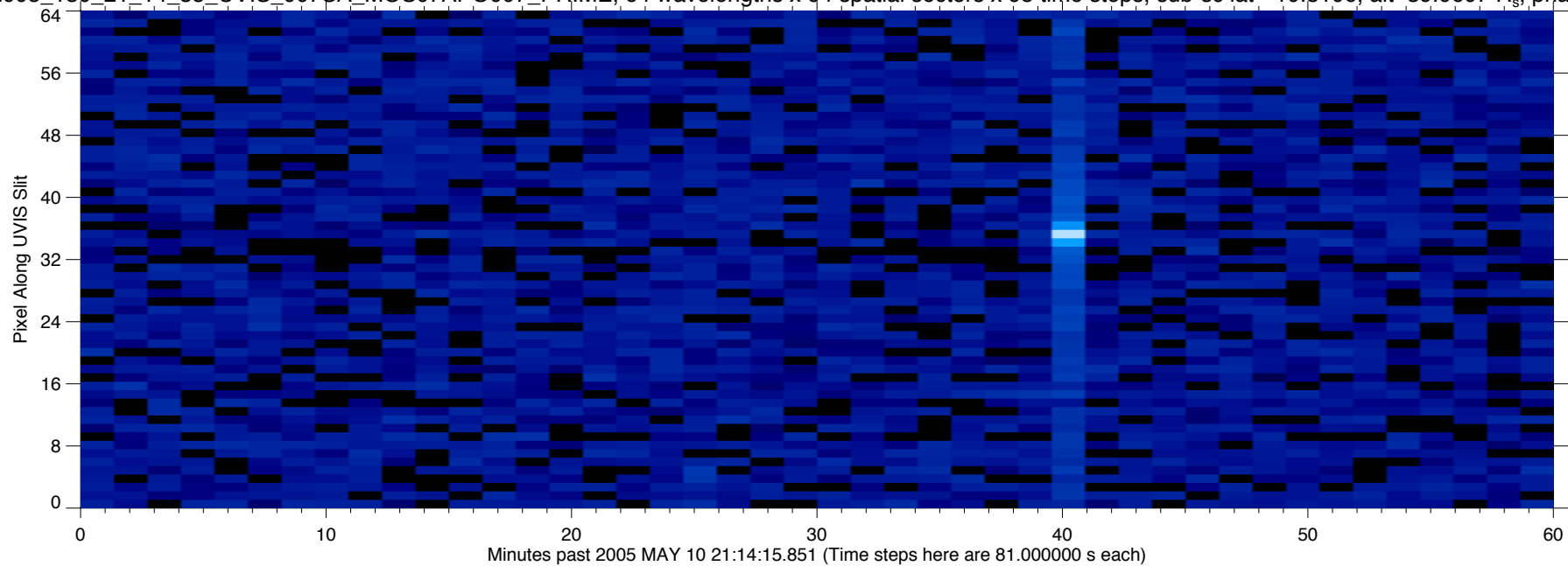
FUV2005_130_05_15_44_UVIS_007SA_MOS07APO006_PRIME, 64 wavelengths x 64 spatial sectors x 188 time steps, sub-sc lat=-10.0712, alt=38.3491 R_s phase=71.6646



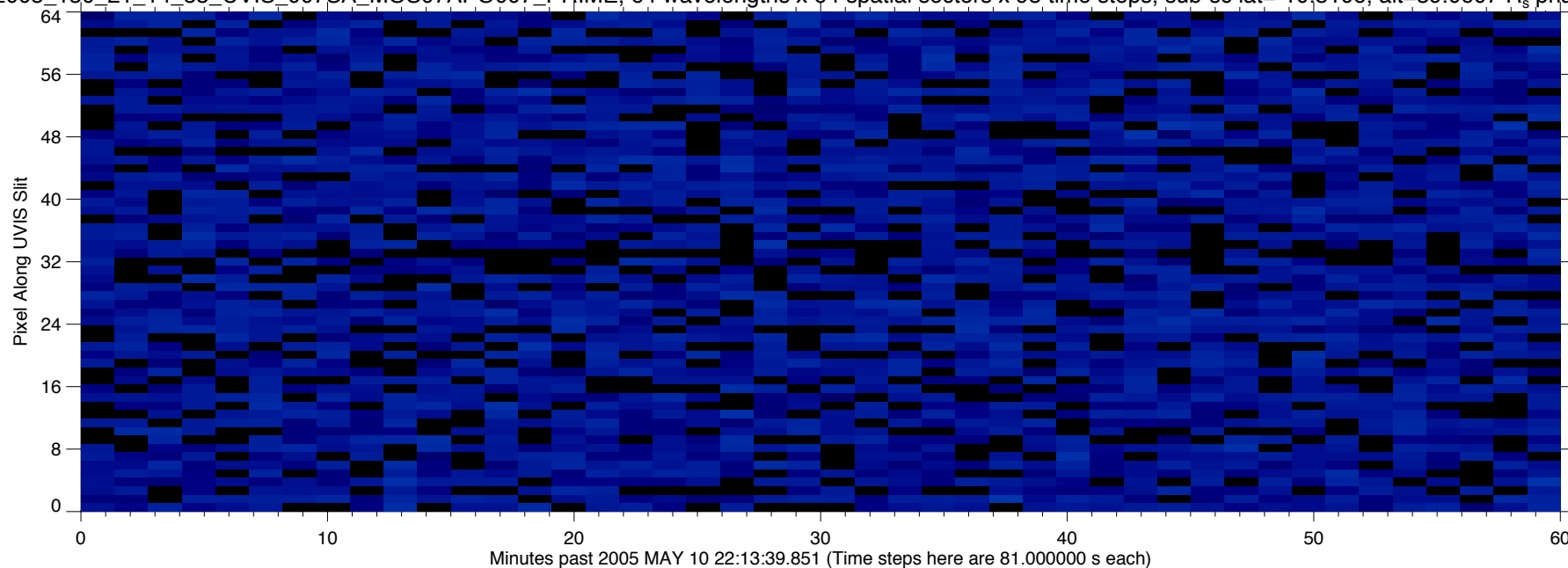
FUV2005_130_21_14_55_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 95 time steps, sub-sc lat=-10.8106, alt=39.0607 R_s, phase=69.4609



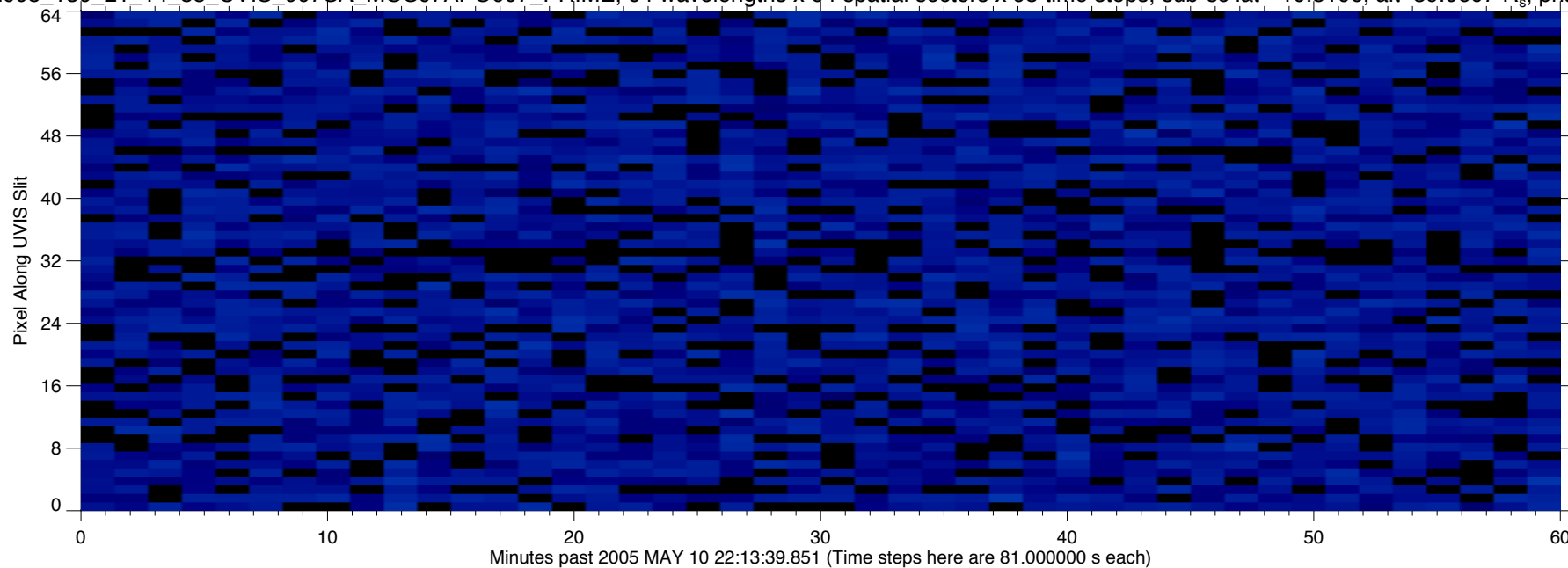
FUV2005_130_21_14_55_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 95 time steps, sub-sc lat=-10.8106, alt=39.0607 R_s, phase=69.4609



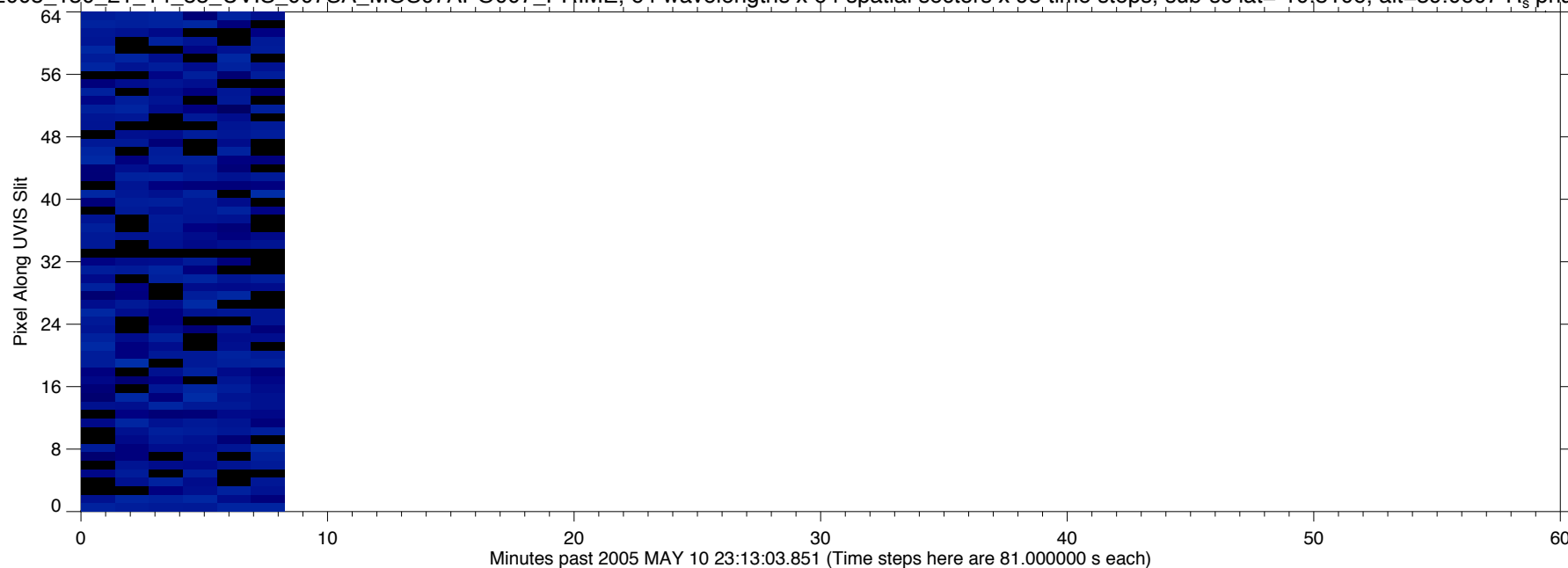
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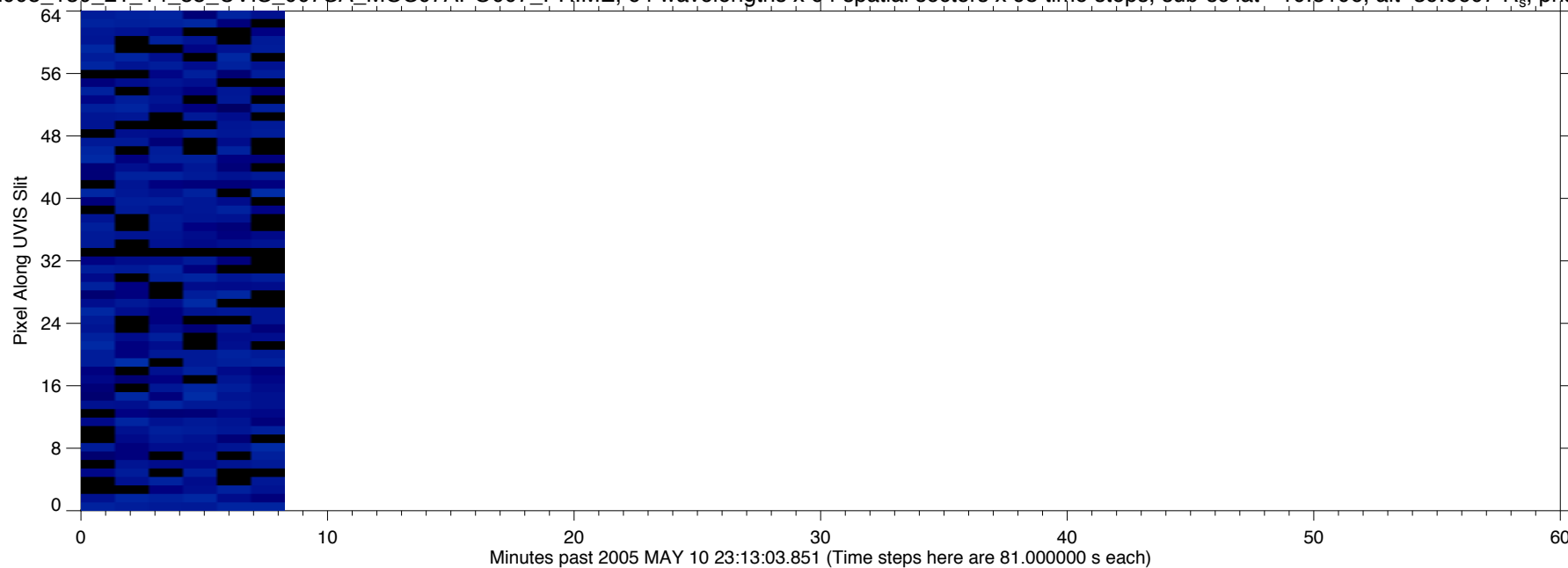
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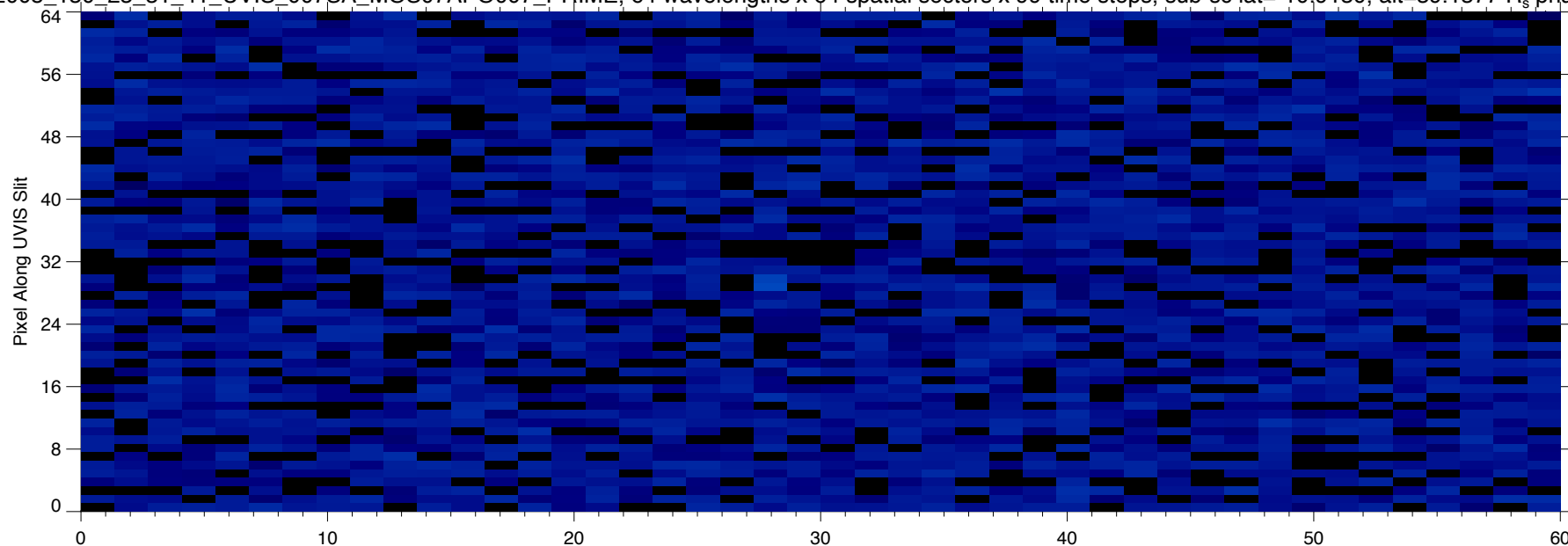
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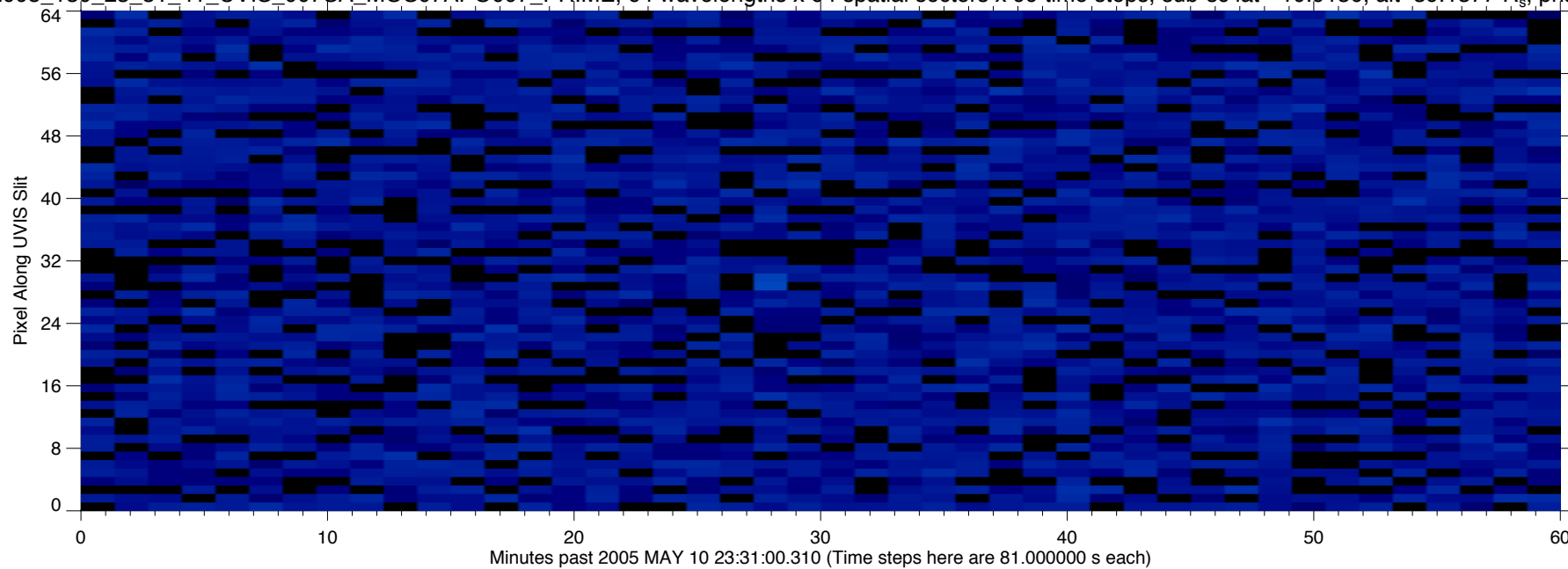
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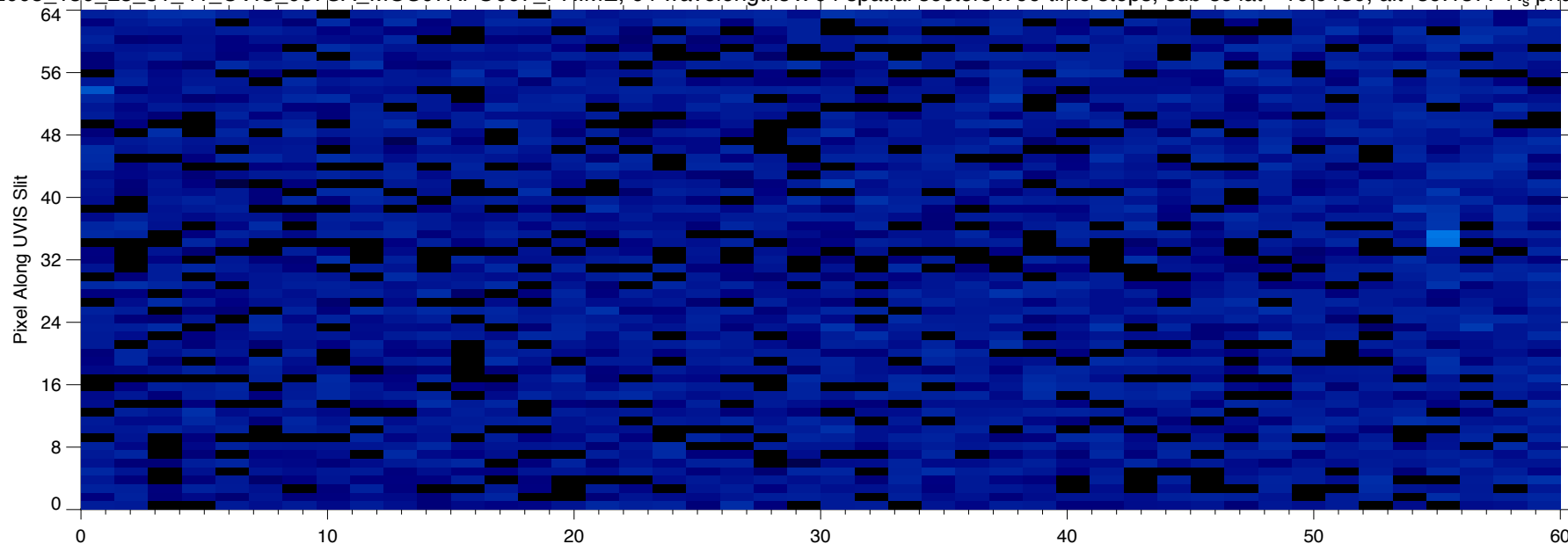
FUV2005_130_23_31_41_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 99 time steps, sub-sc lat=-10.9130, alt=39.1377 R_s, phase=69.1526



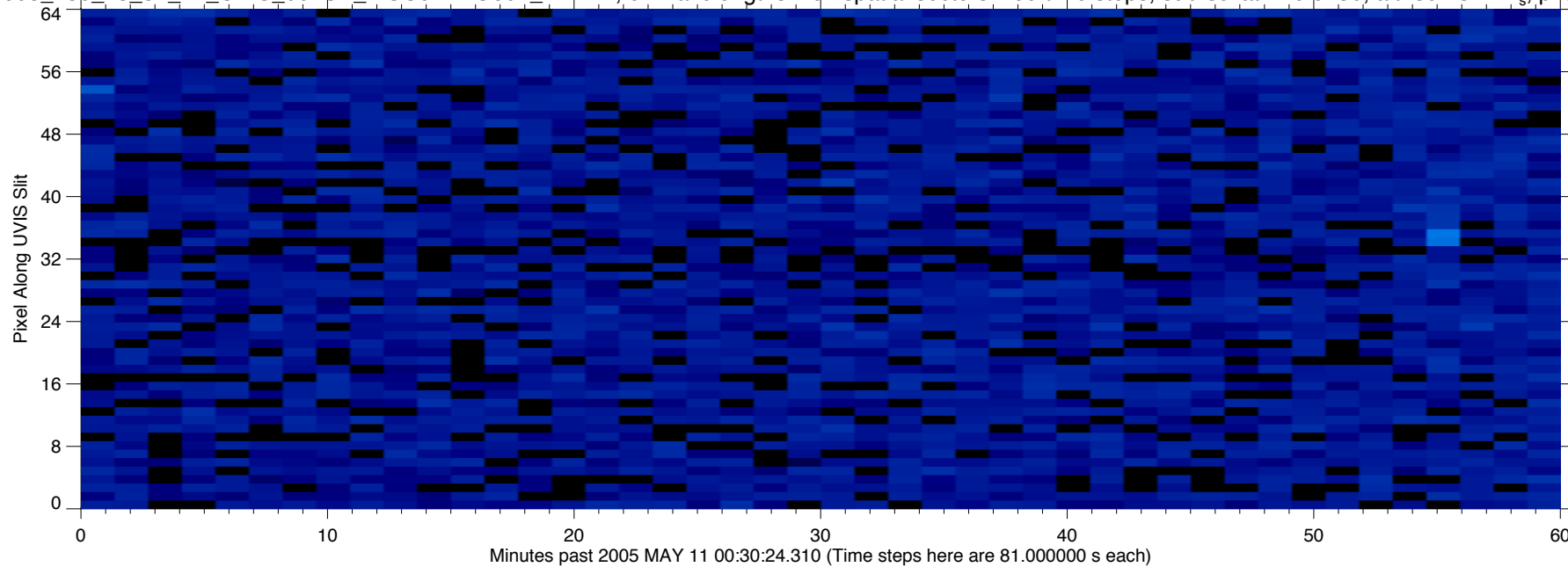
FUV2005_130_23_31_41_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 99 time steps, sub-sc lat=-10.9130, alt=39.1377 R_s, phase=69.1526



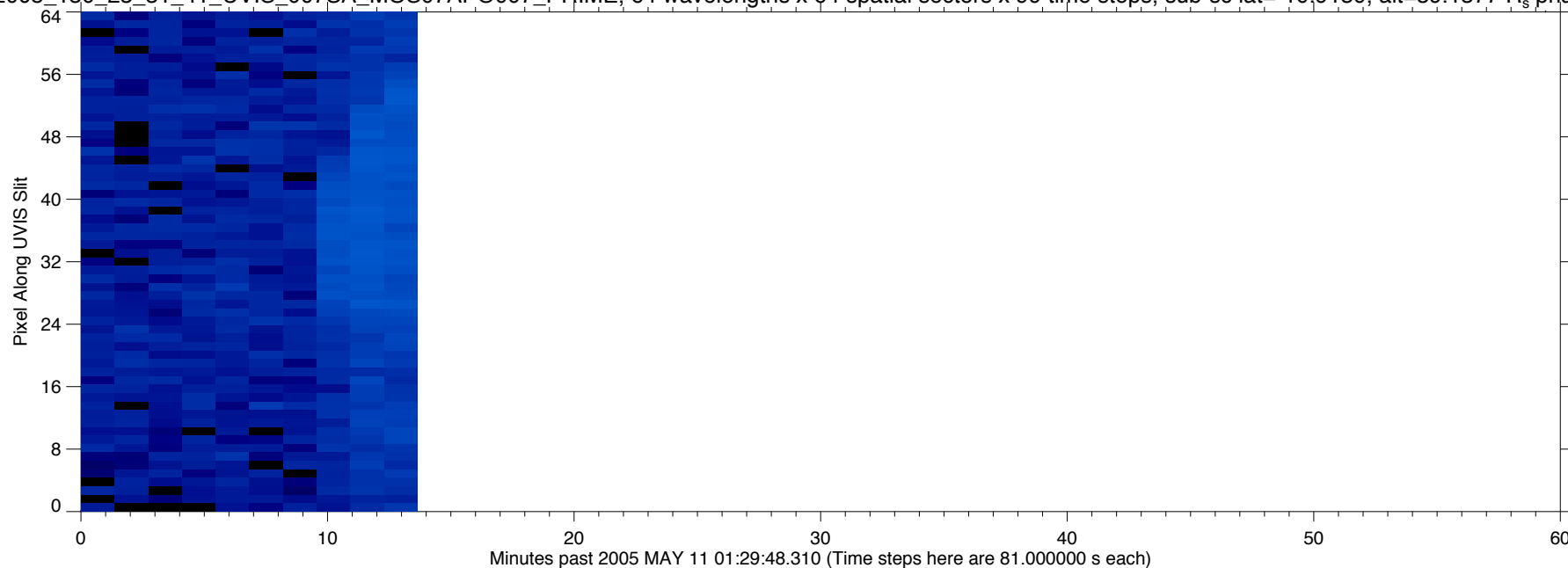
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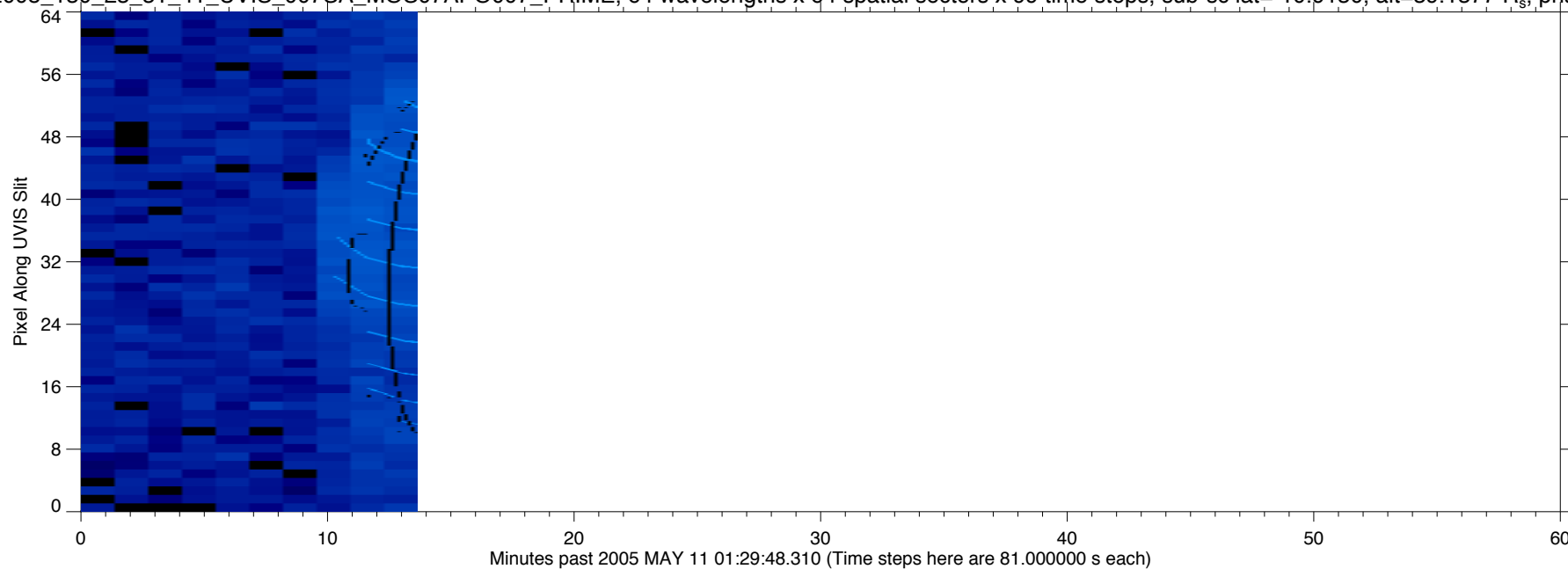
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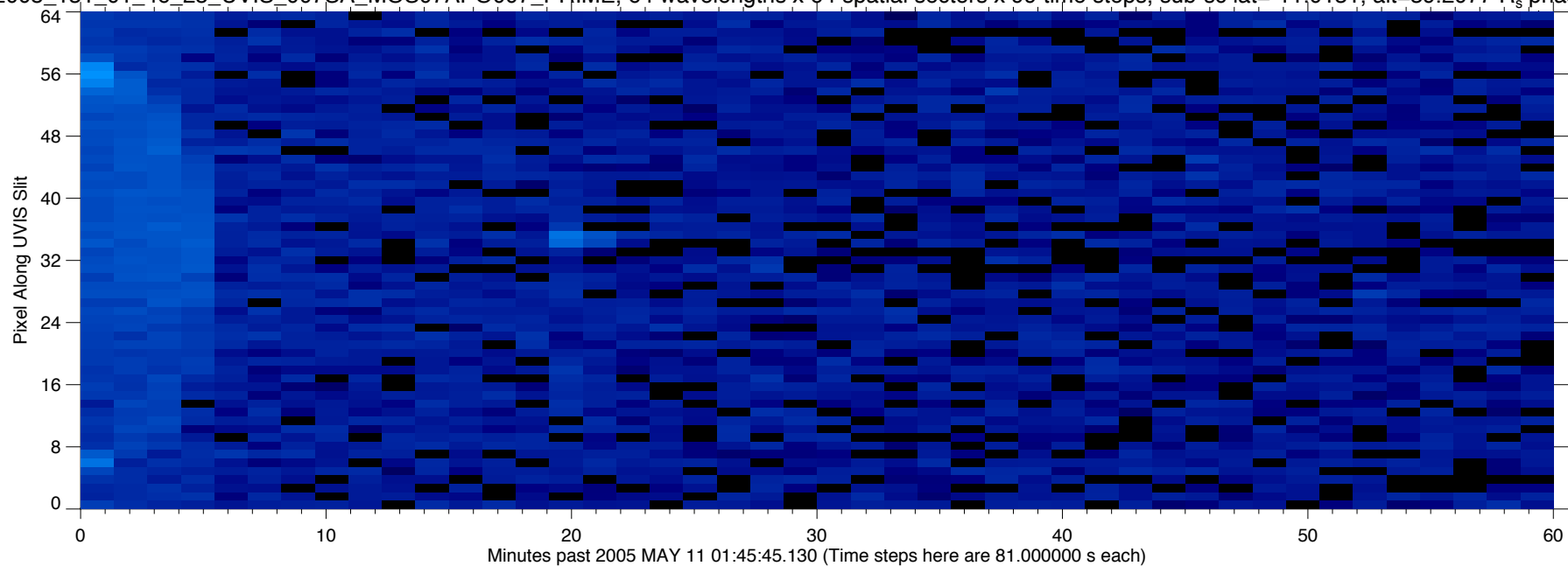
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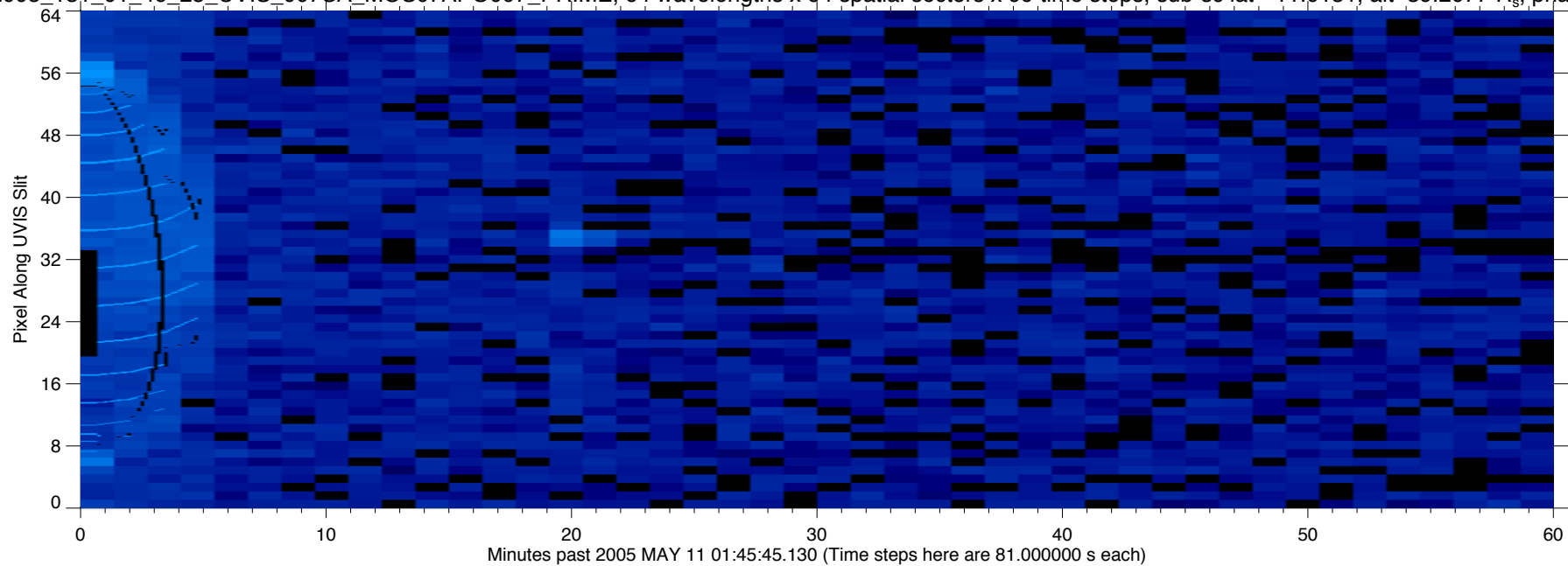
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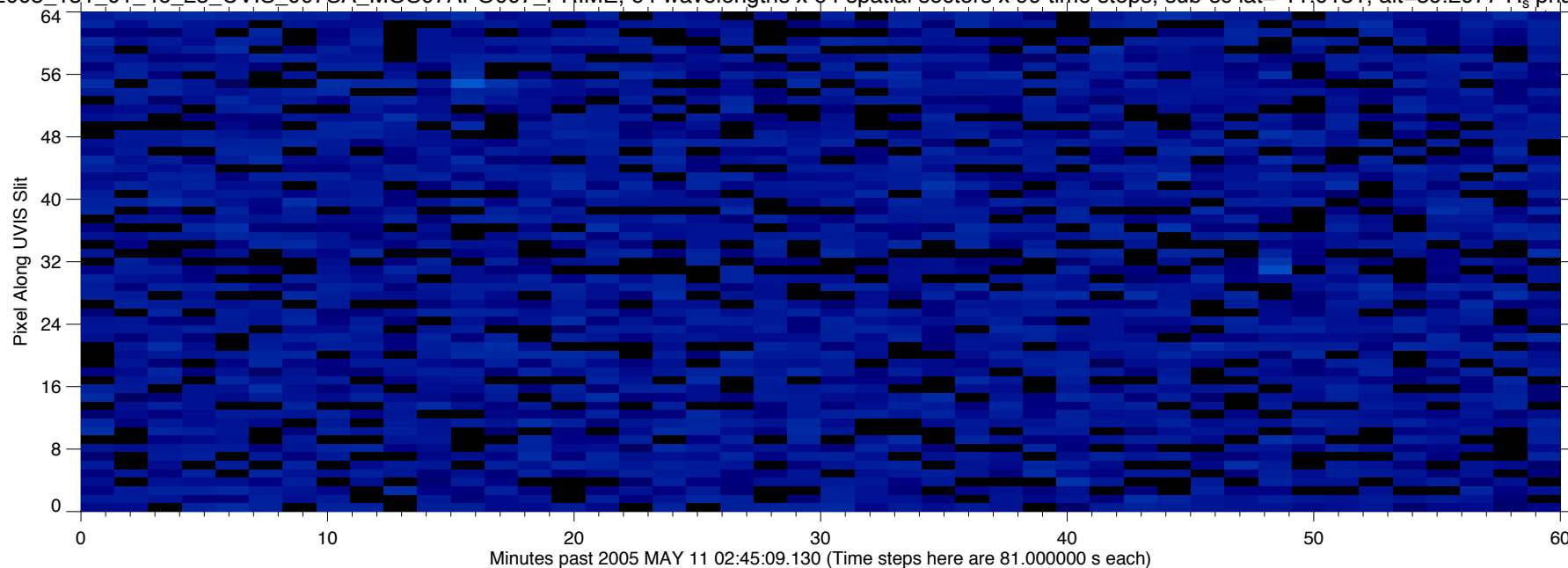
FUV2005_131_01_46_25_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 99 time steps, sub-sc lat=-11.0131, alt=39.2077 R_s, phase=68.8500



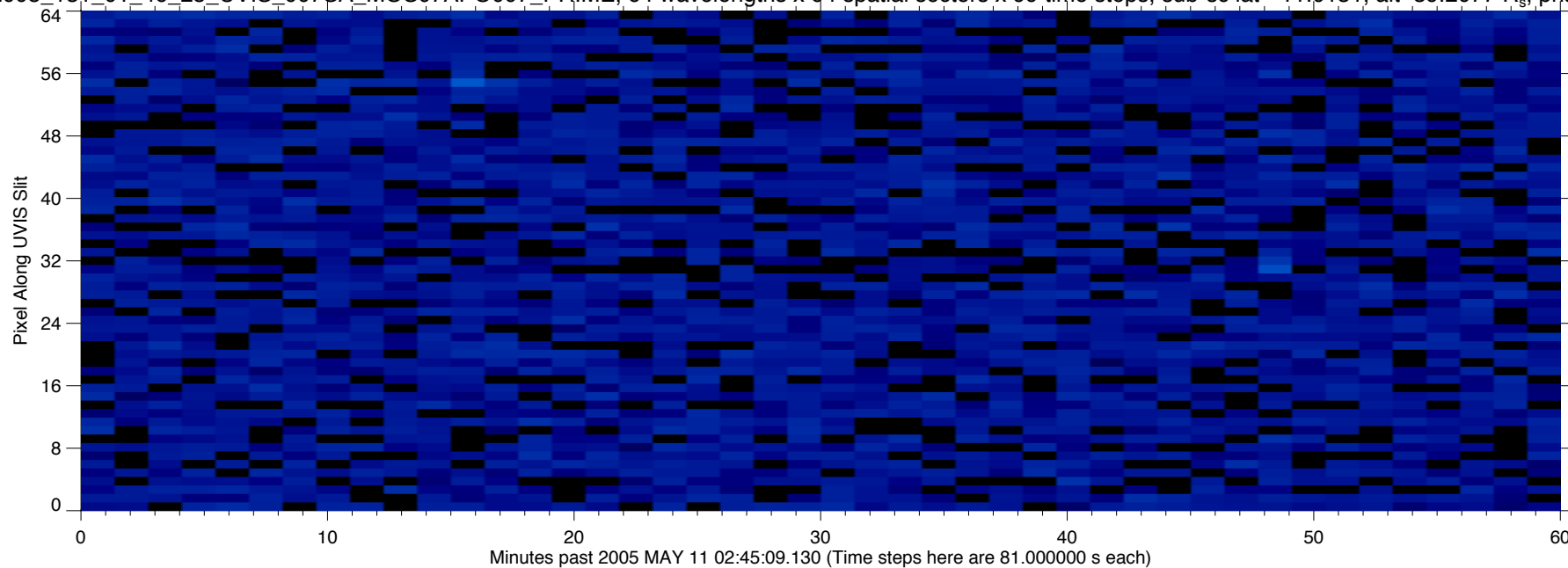
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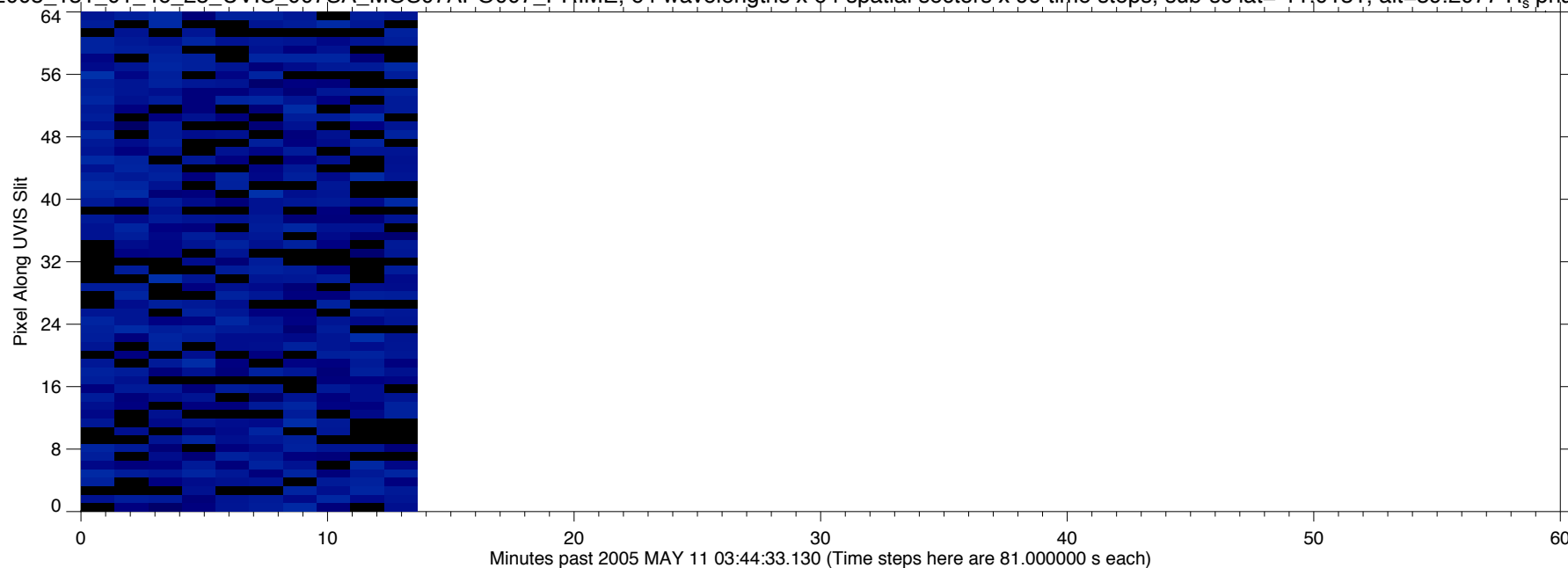
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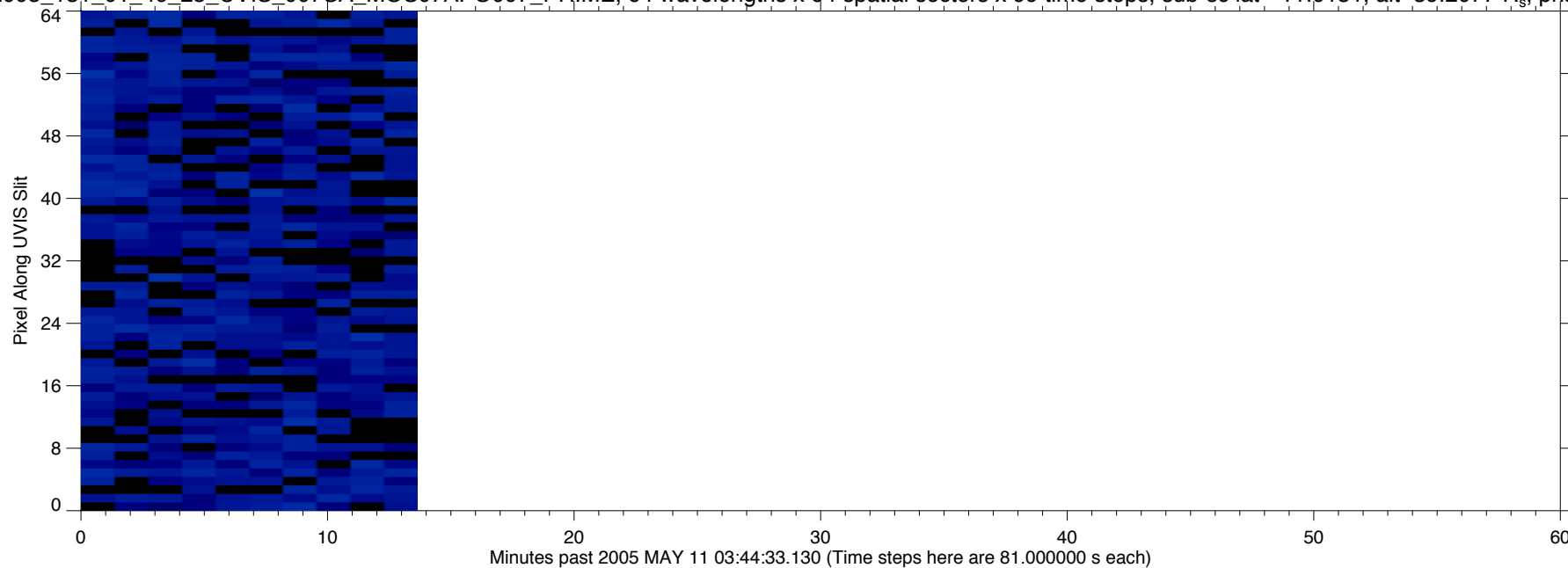
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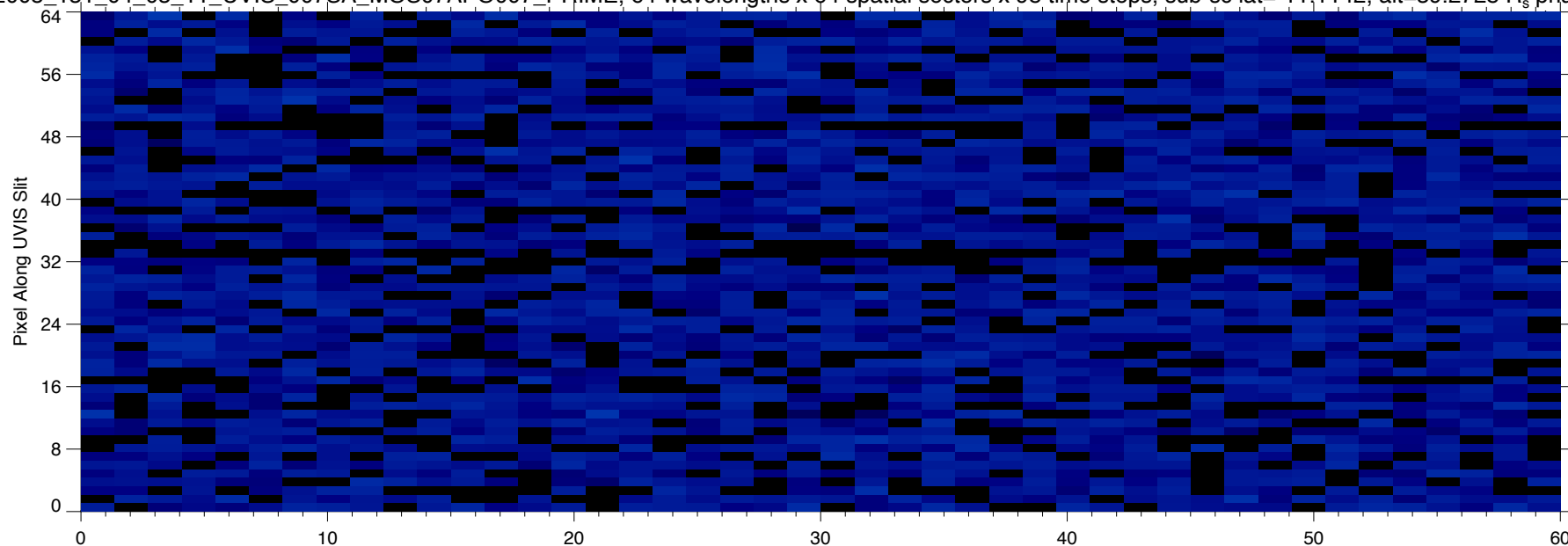
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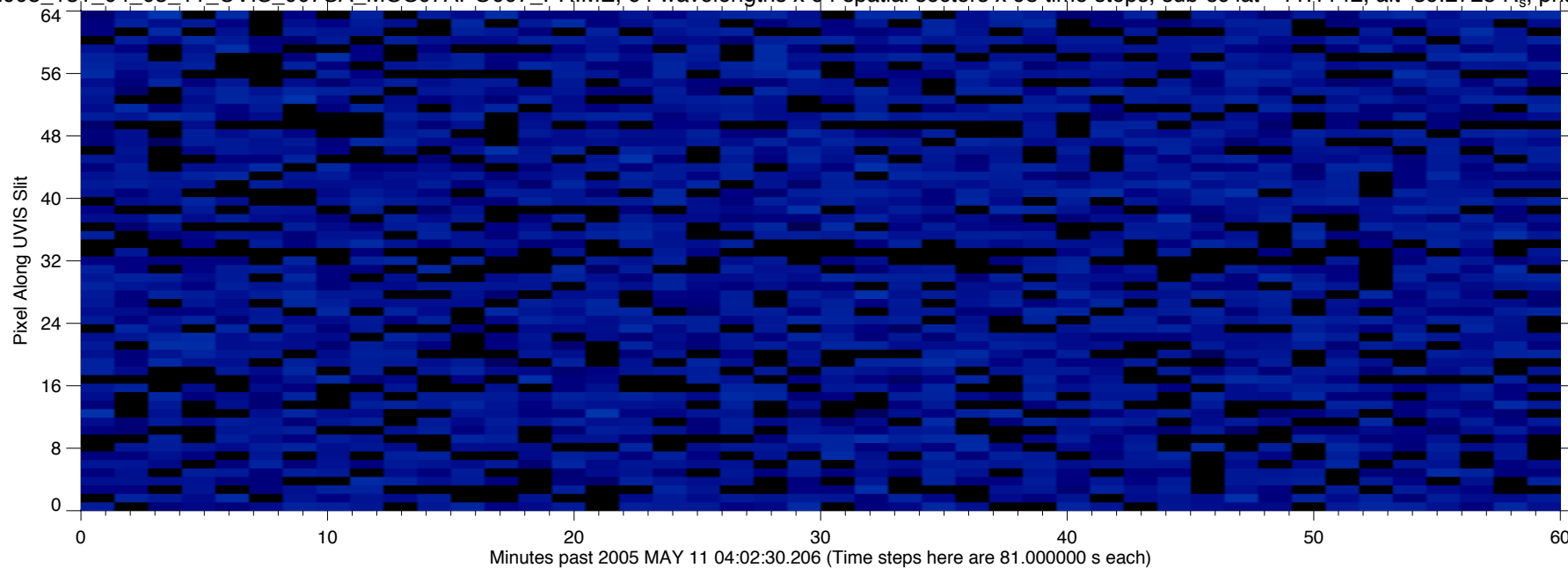
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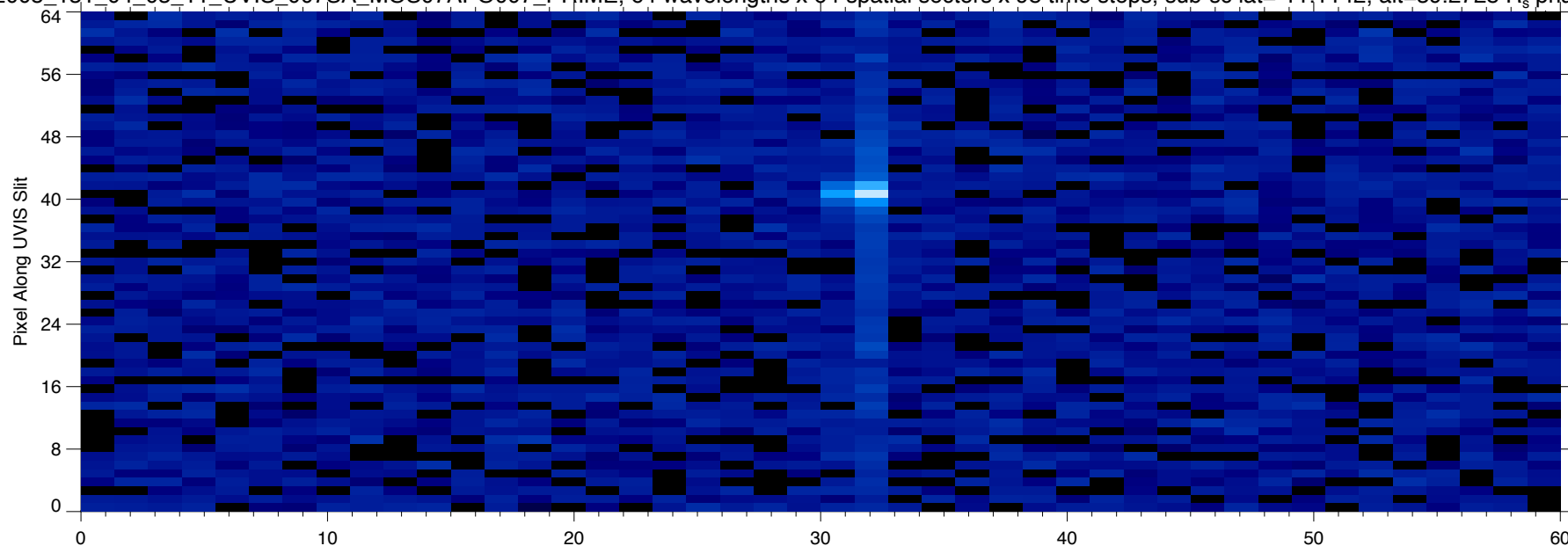
FUV2005_131_04_03_11_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-11.1142, alt=39.2728 R_s, phase=68.5438



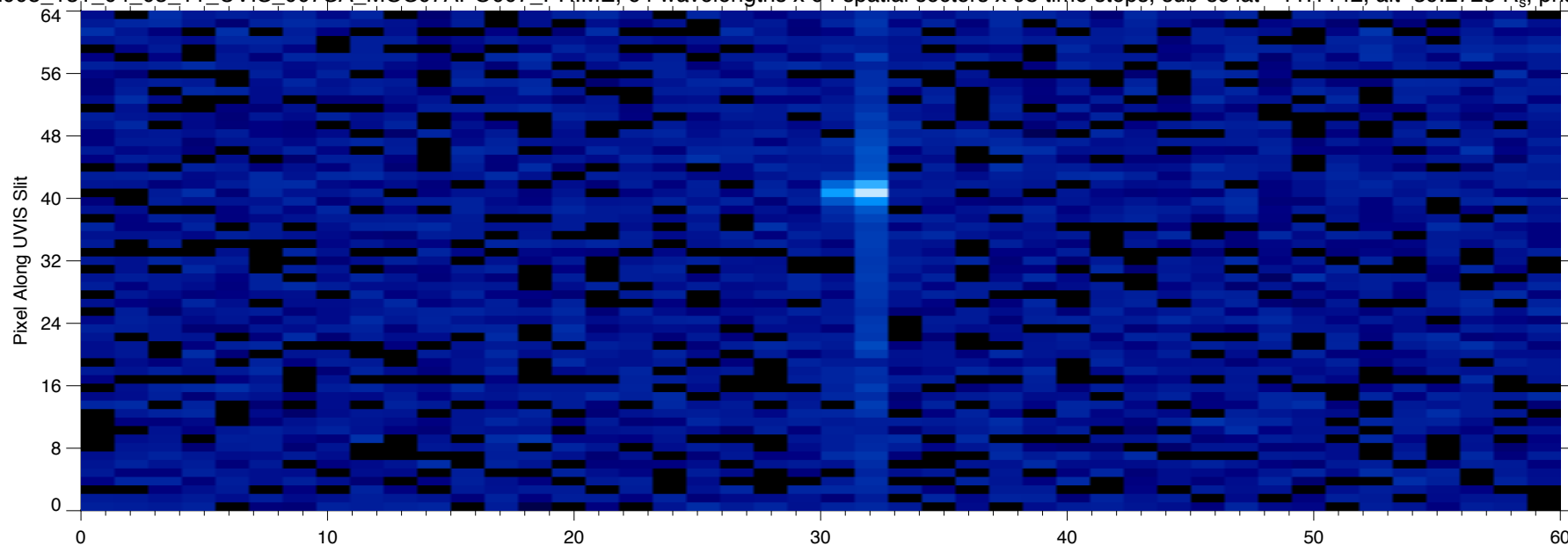
FUV2005_131_04_03_11_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-11.1142, alt=39.2728 R_s, phase=68.5438



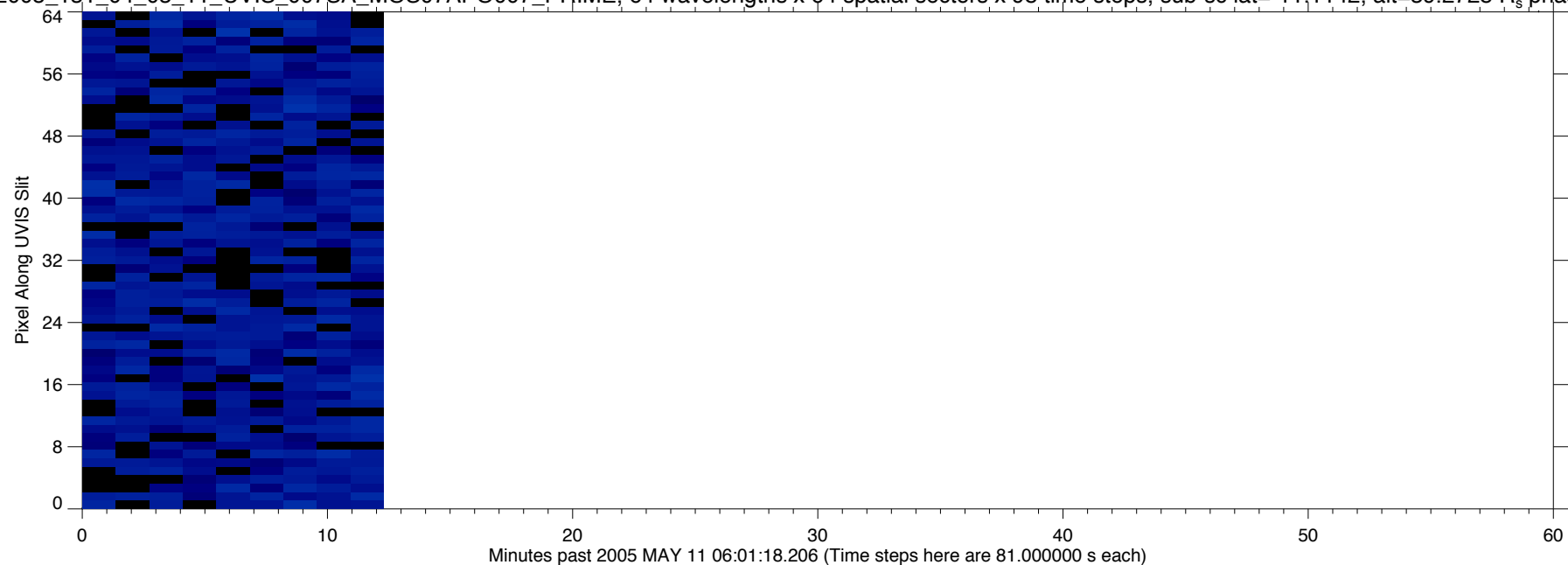
FUV2005_131_04_03_11_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-11.1142, alt=39.2728 R_s, phase=68.5438



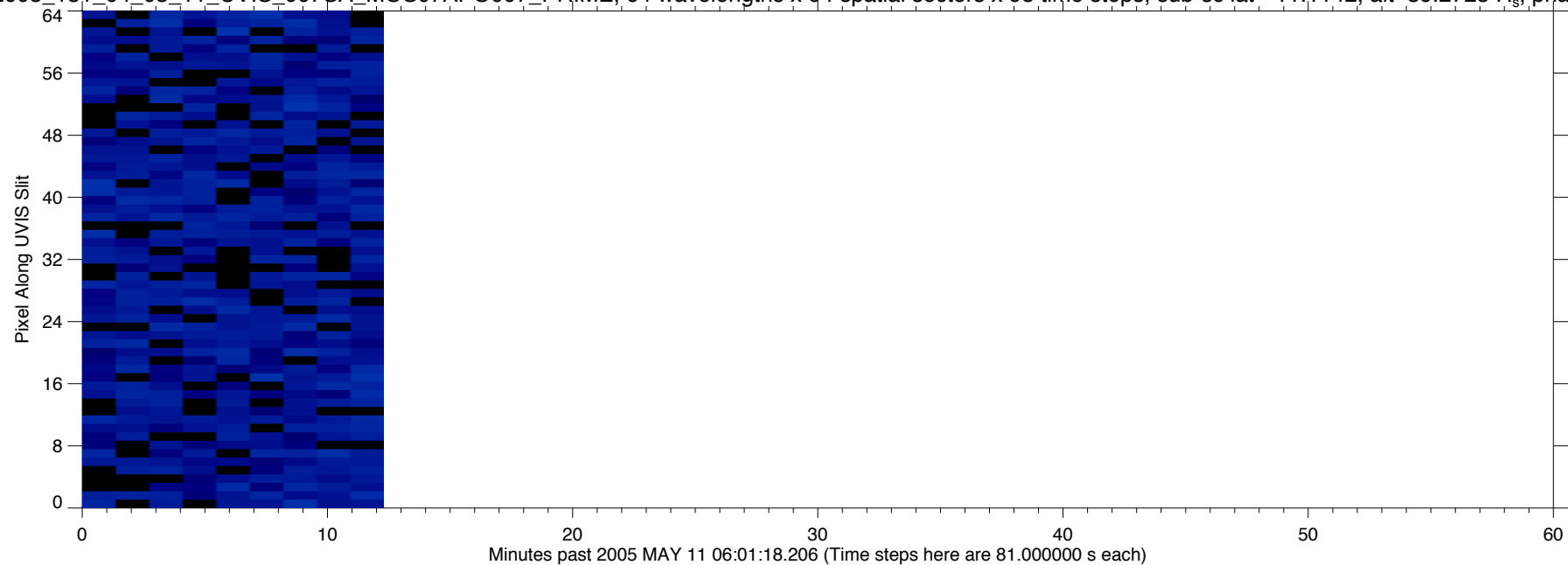
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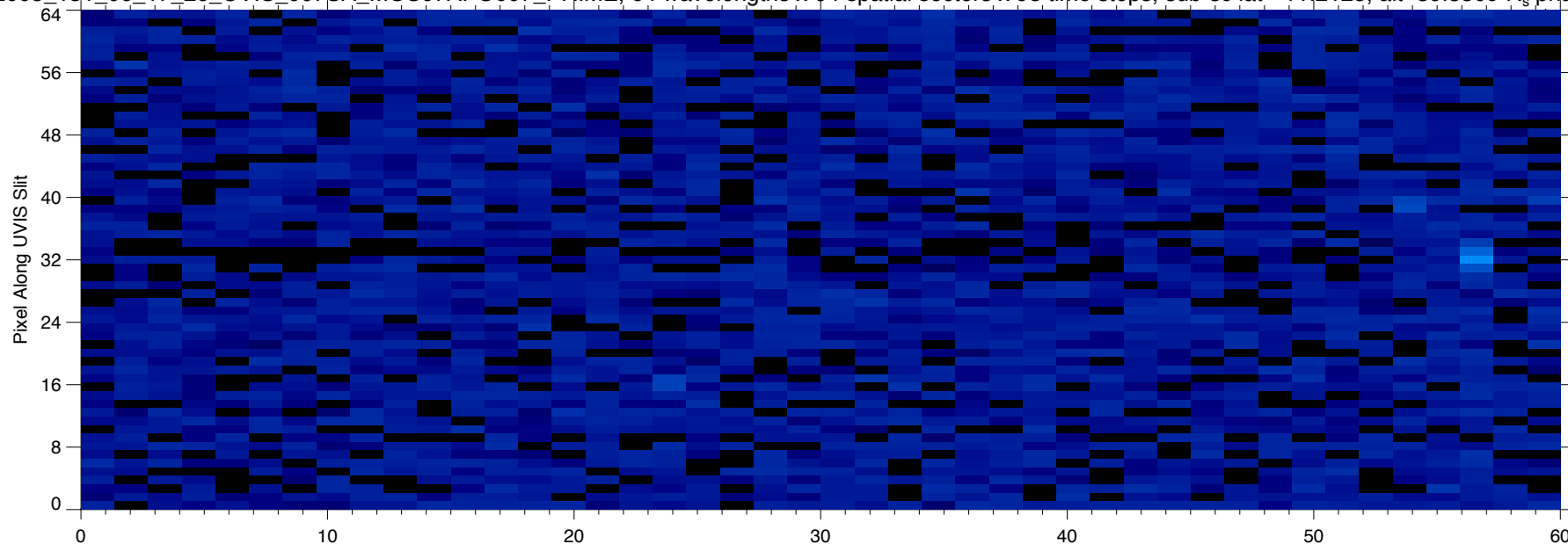
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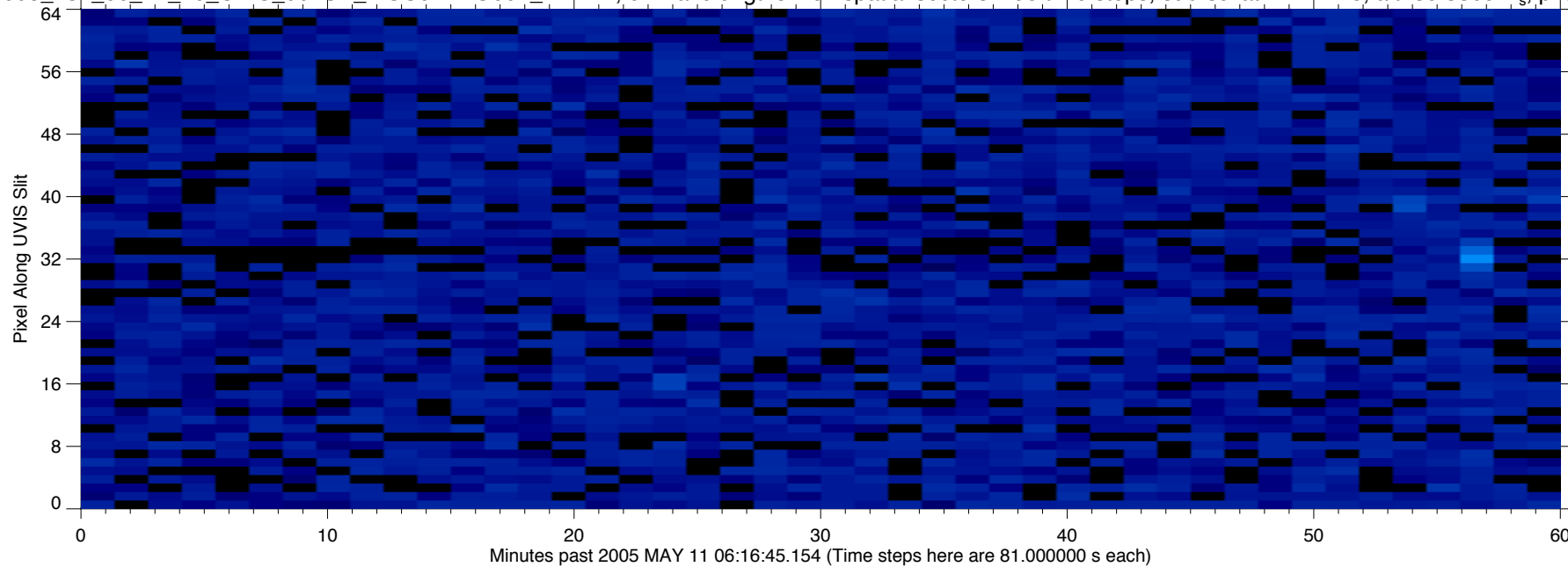
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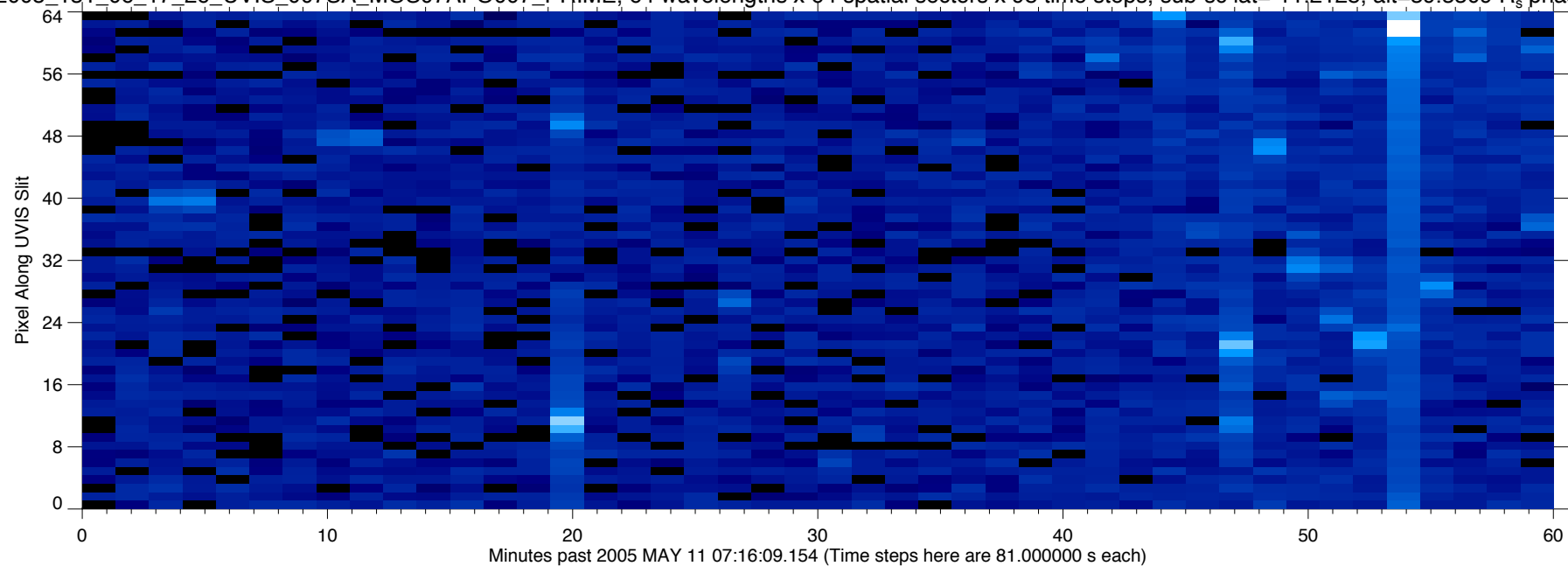
FUV2005_131_06_17_26_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-11.2128, alt=39.3309 R_s, phase=68.2442



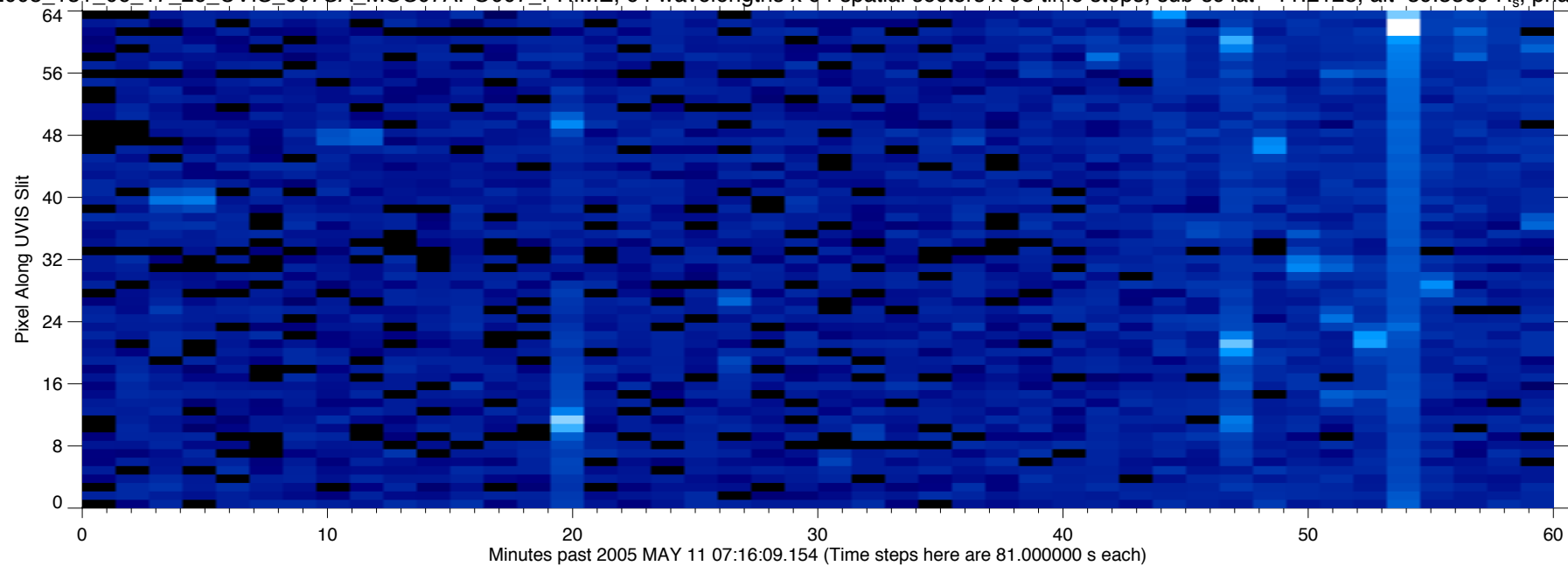
FUV2005_131_06_17_26_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-11.2128, alt=39.3309 R_s, phase=68.2442



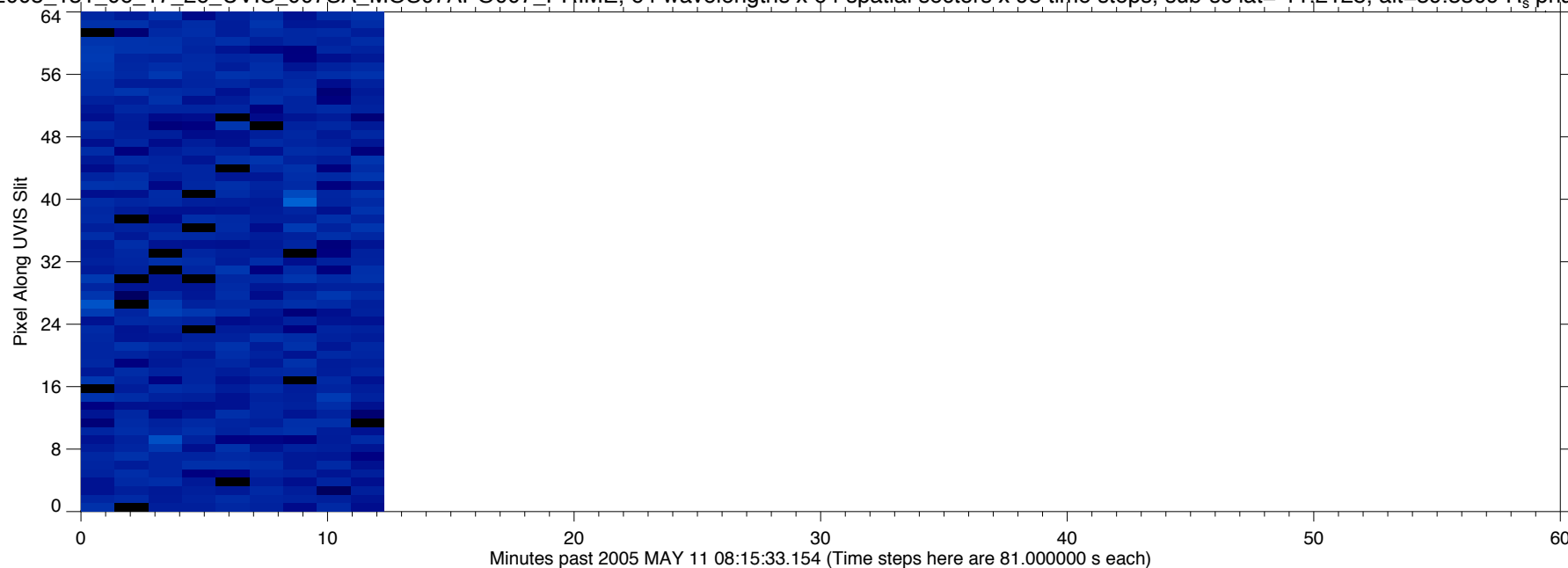
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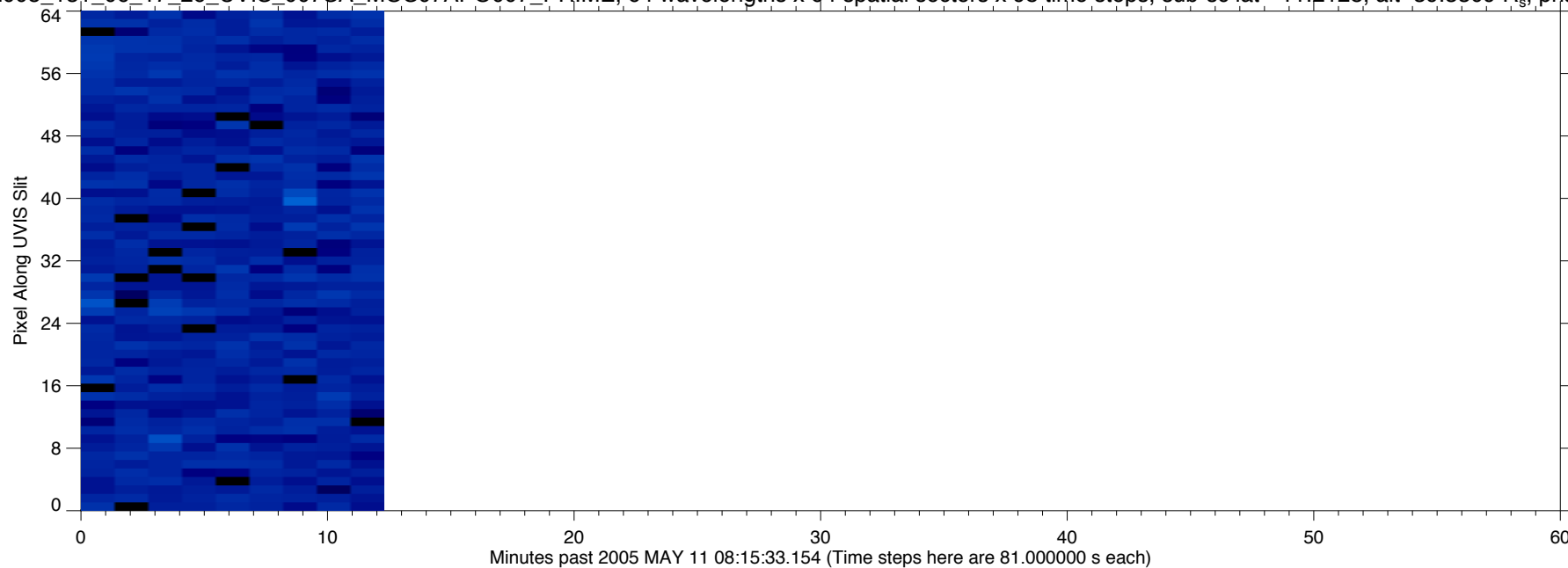
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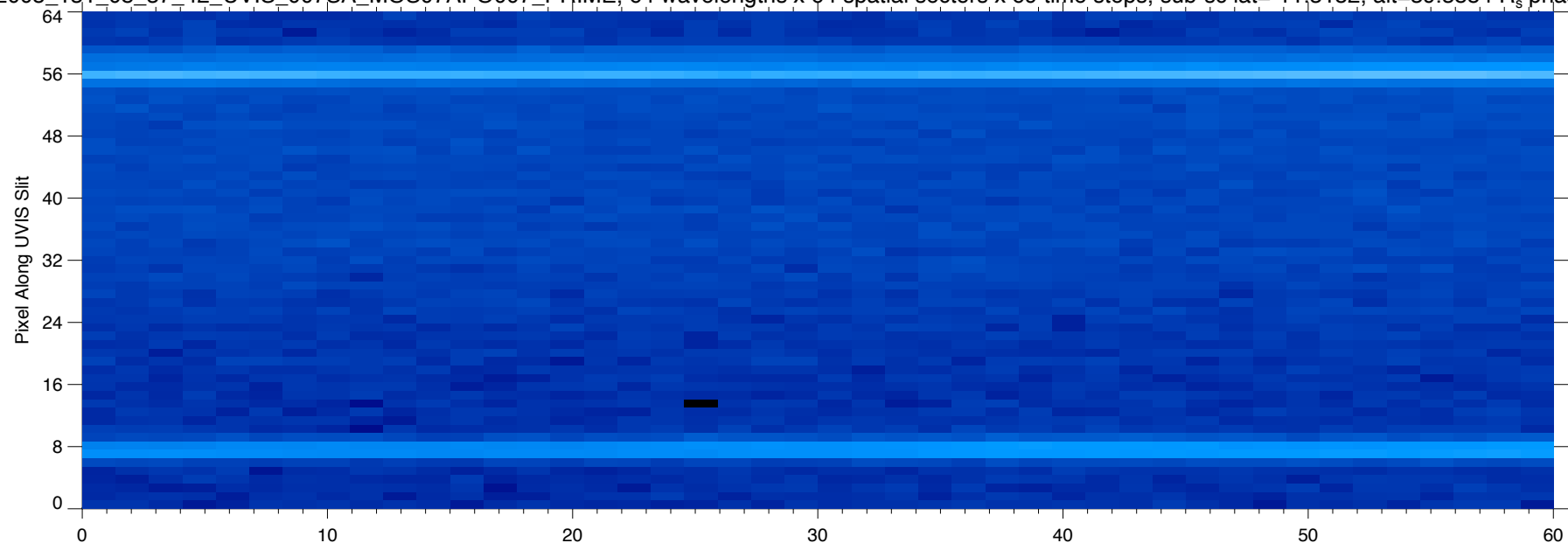
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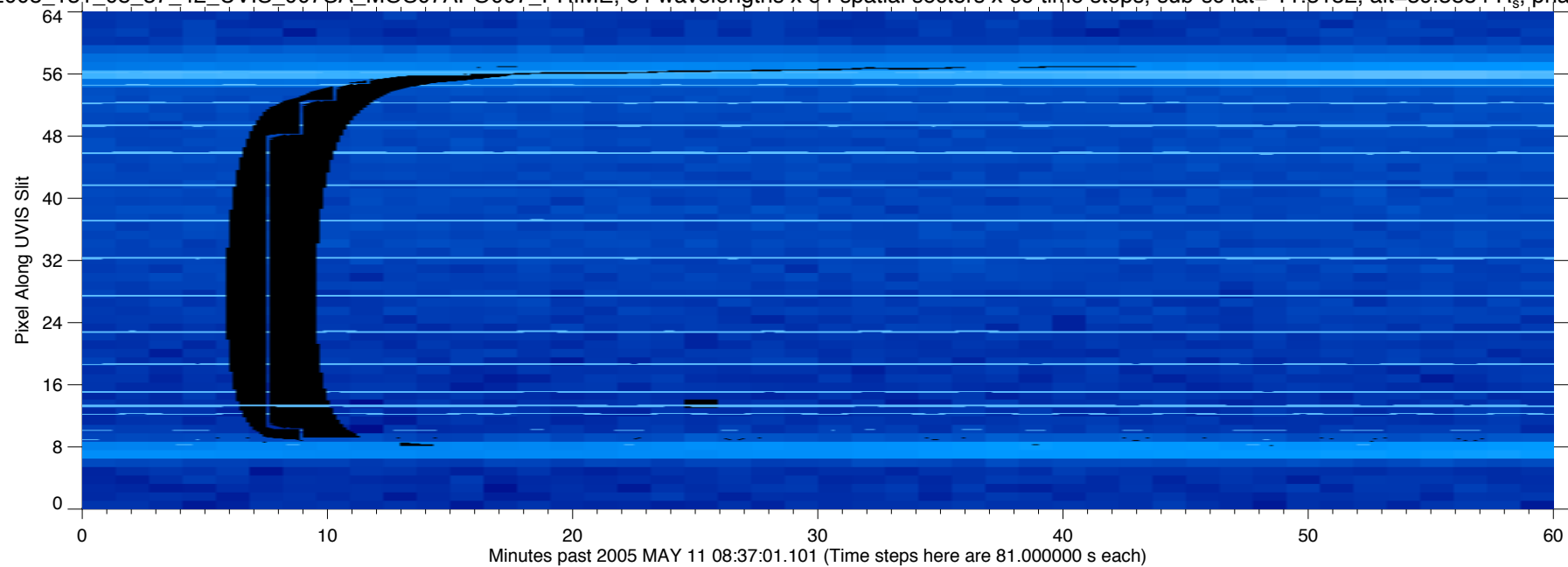
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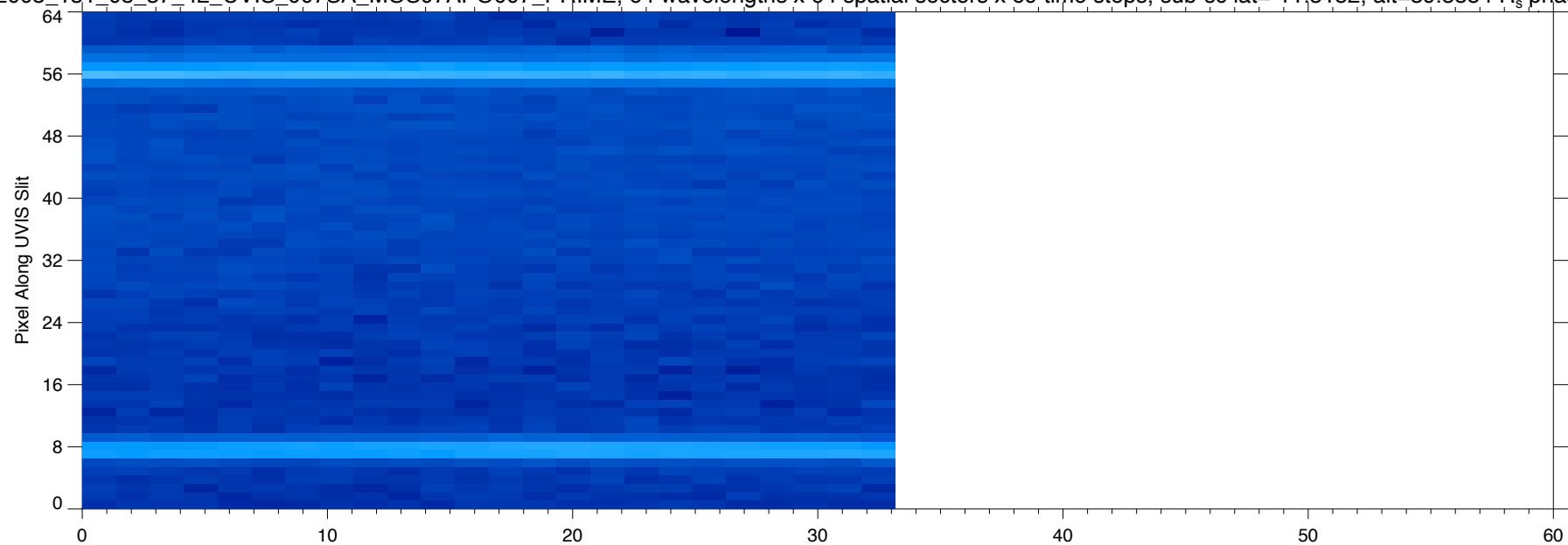
FUV2005_131_08_37_42_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 69 time steps, sub-sc lat=-11.3152, alt=39.3854 R_s, phase=67.9321



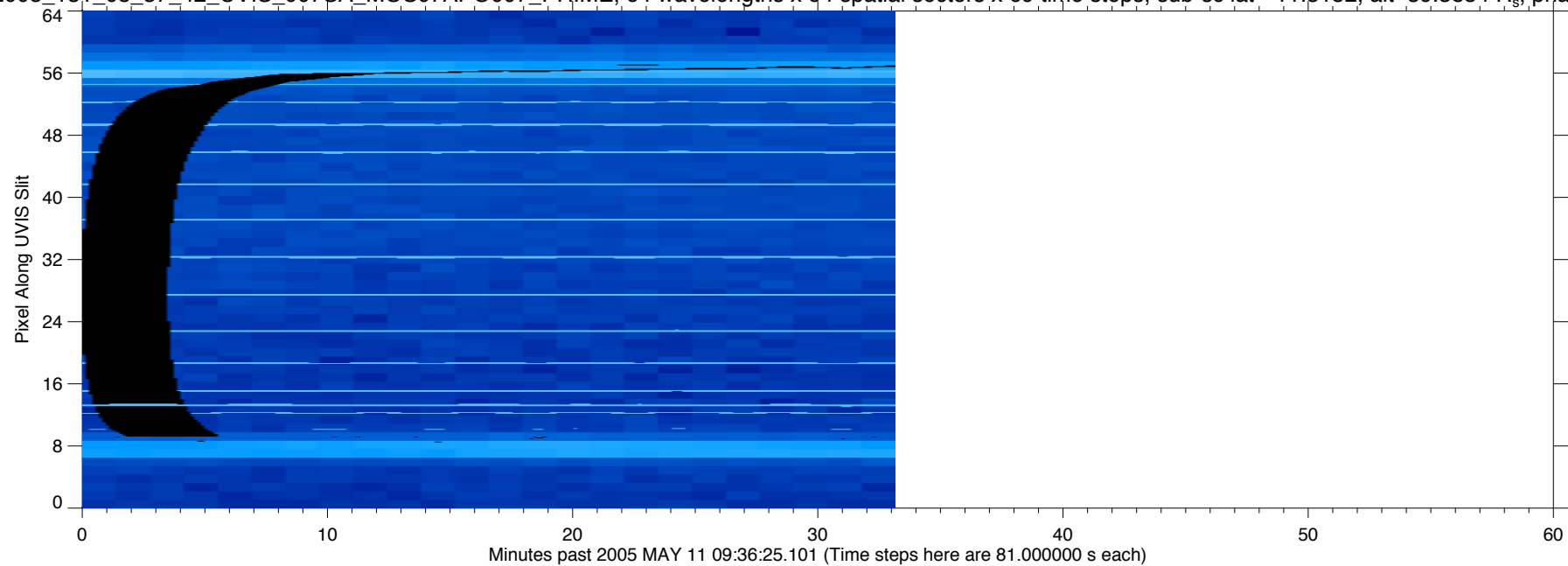
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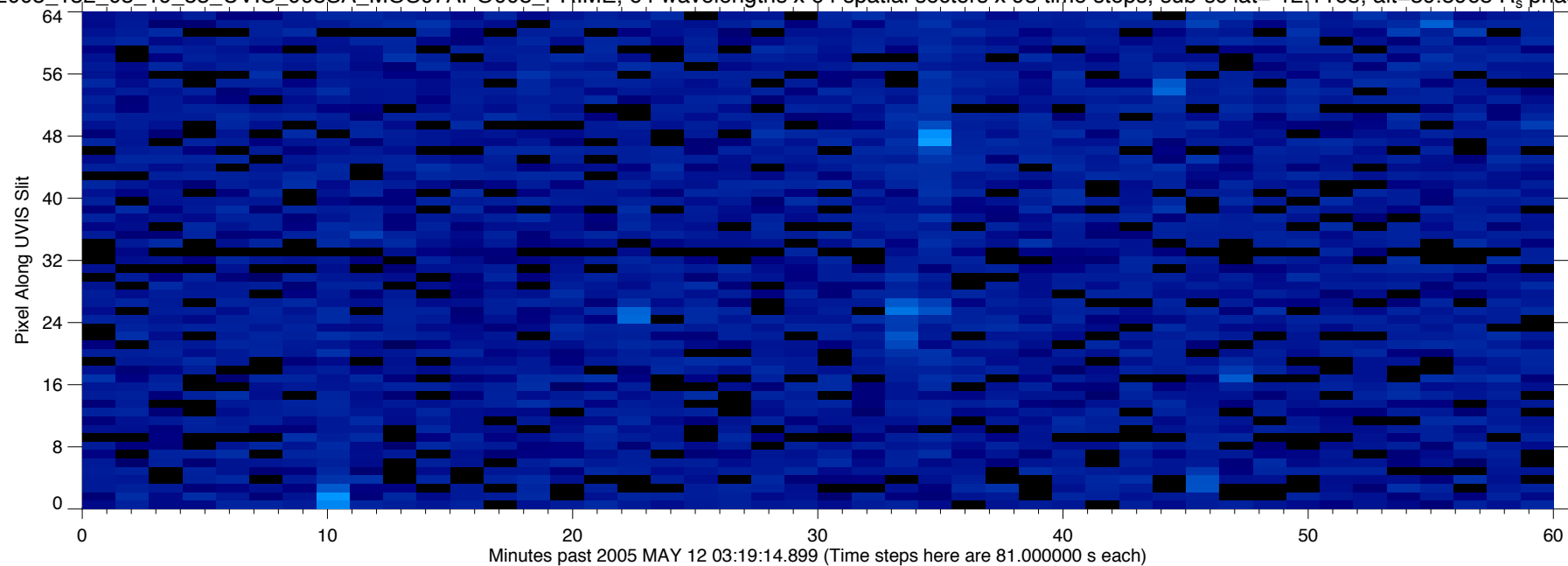
FUV2005_131_08_37_42_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 69 time steps, sub-sc lat=-11.3152, alt=39.3854 R_s, phase=67.9321



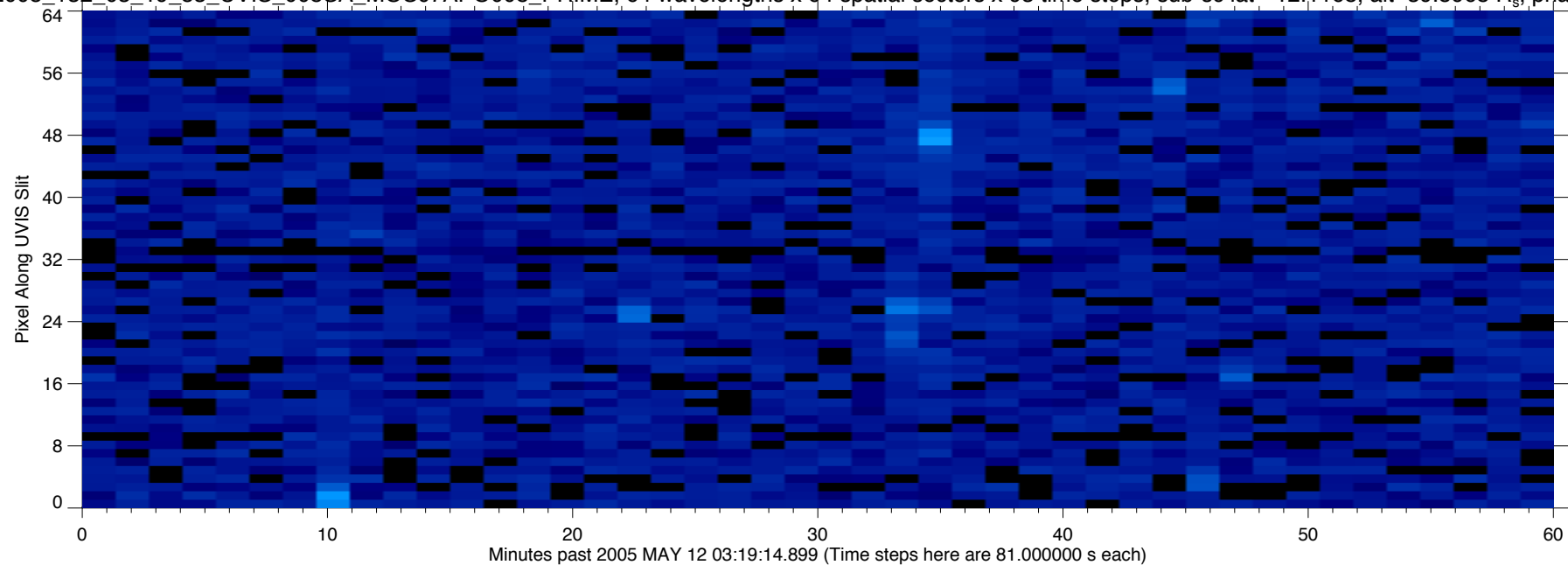
FUV2005_131_08_37_42_UVIS_007SA_MOS07APO007_PRIME, 64 wavelengths x 64 spatial sectors x 69 time steps, sub-sc lat=-11.3152, alt=39.3854 R_s, phase=67.9321



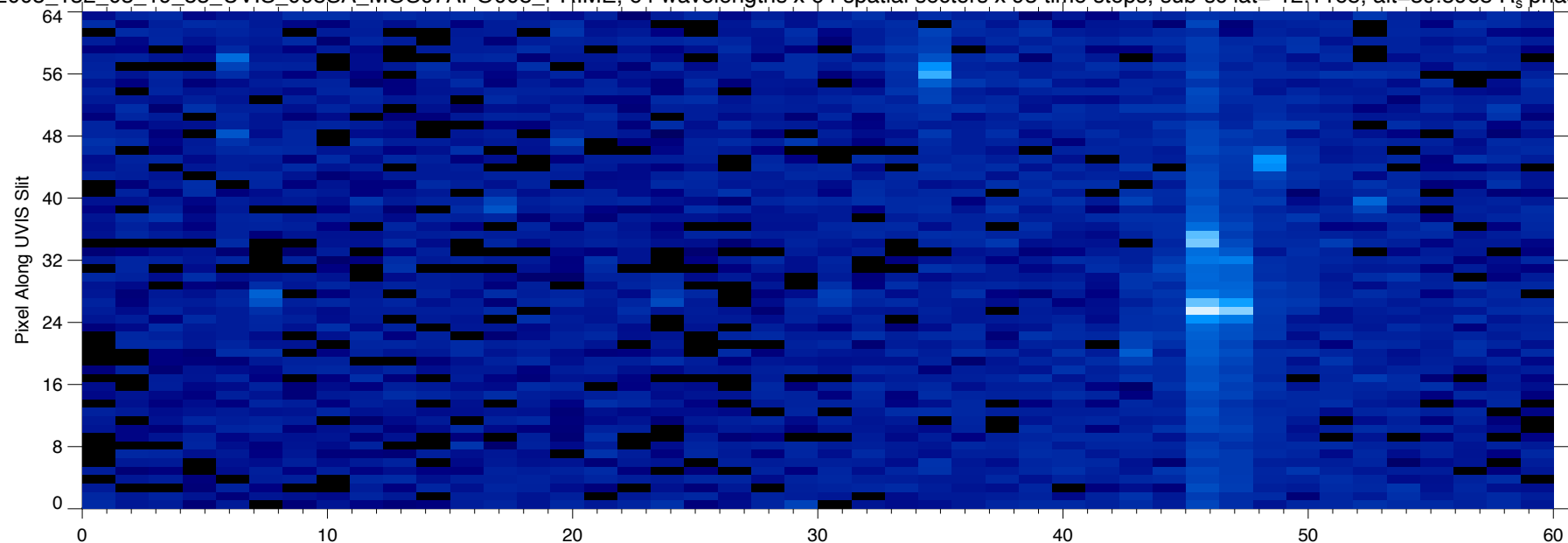
FUV2005_132_03_19_53_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 93 time steps, sub-sc lat=-12.1168, alt=39.5968 R_s, phase=65.4553



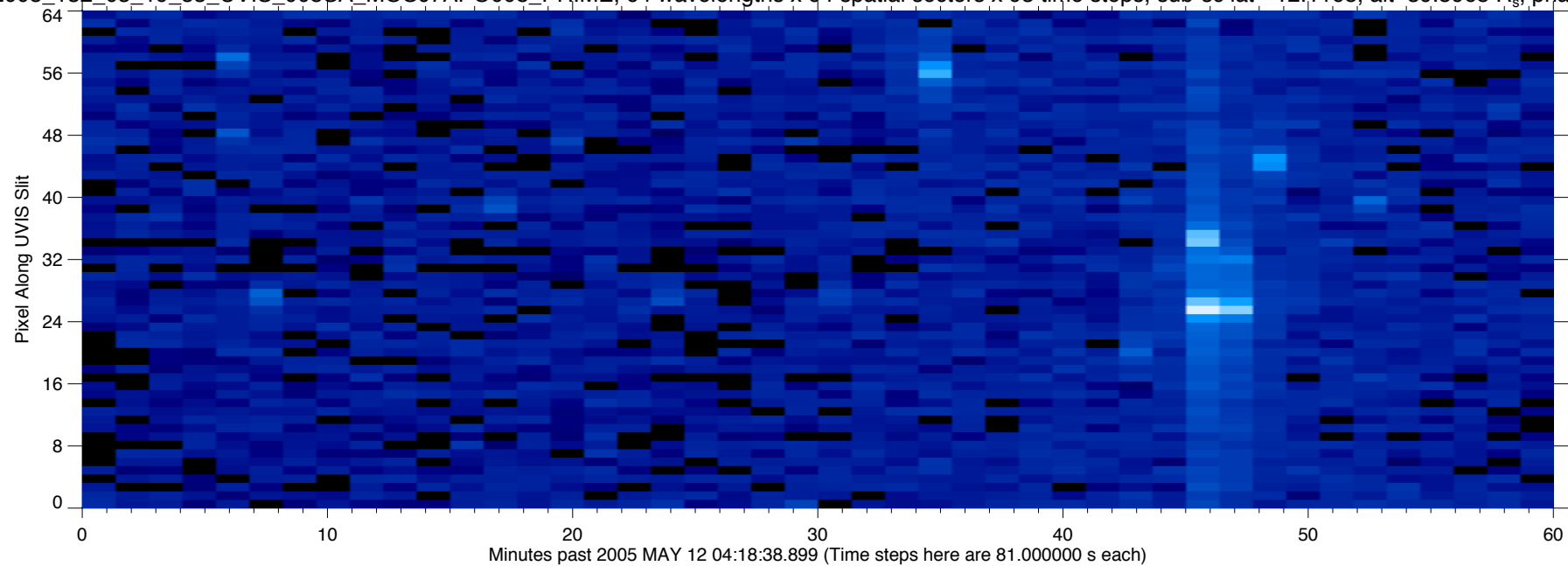
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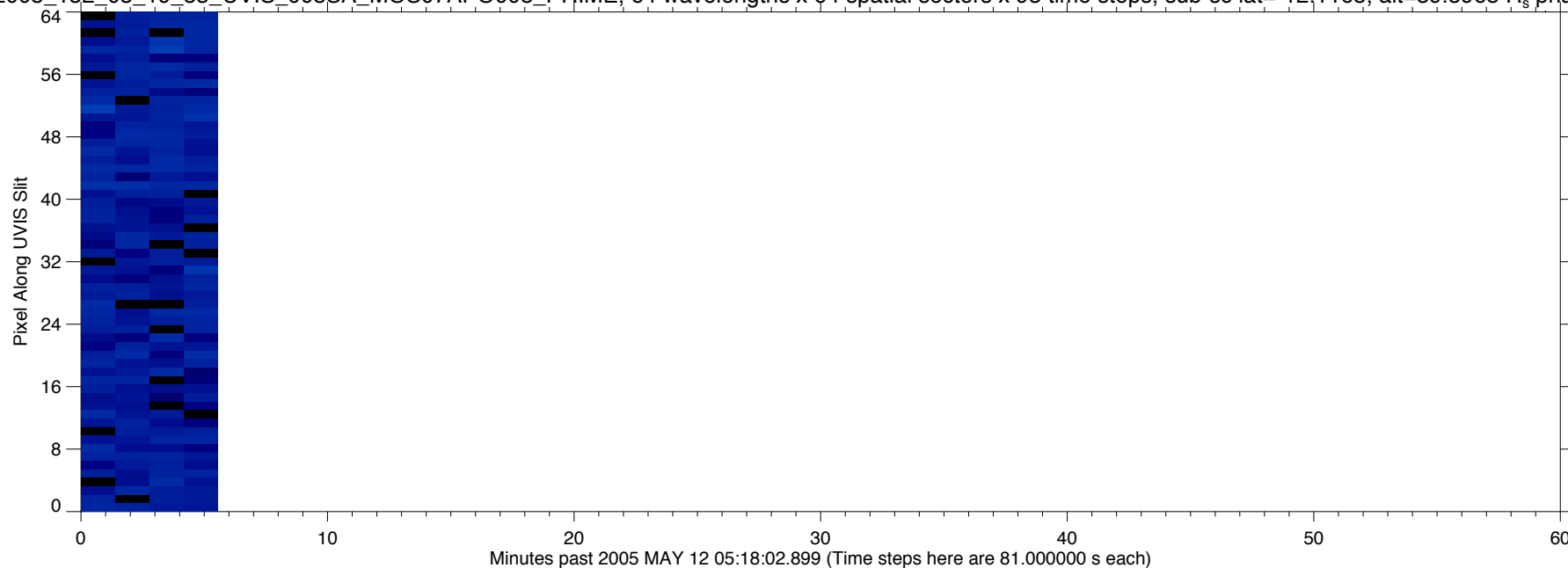
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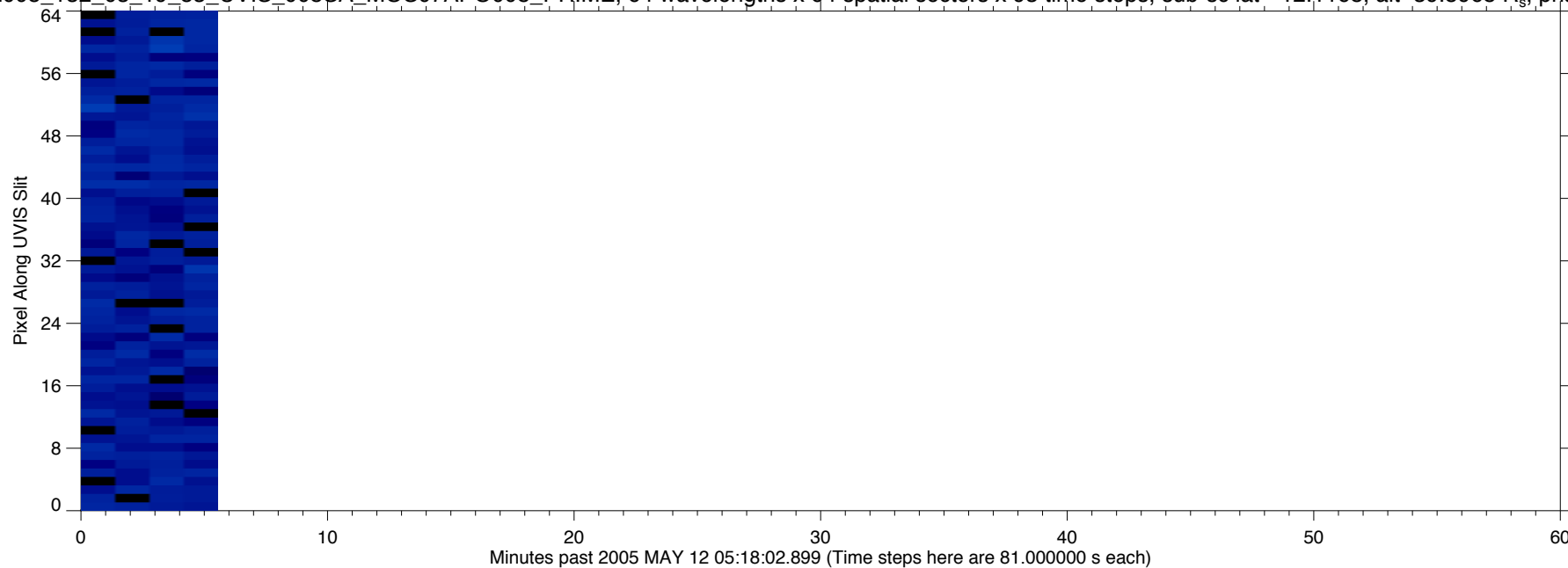
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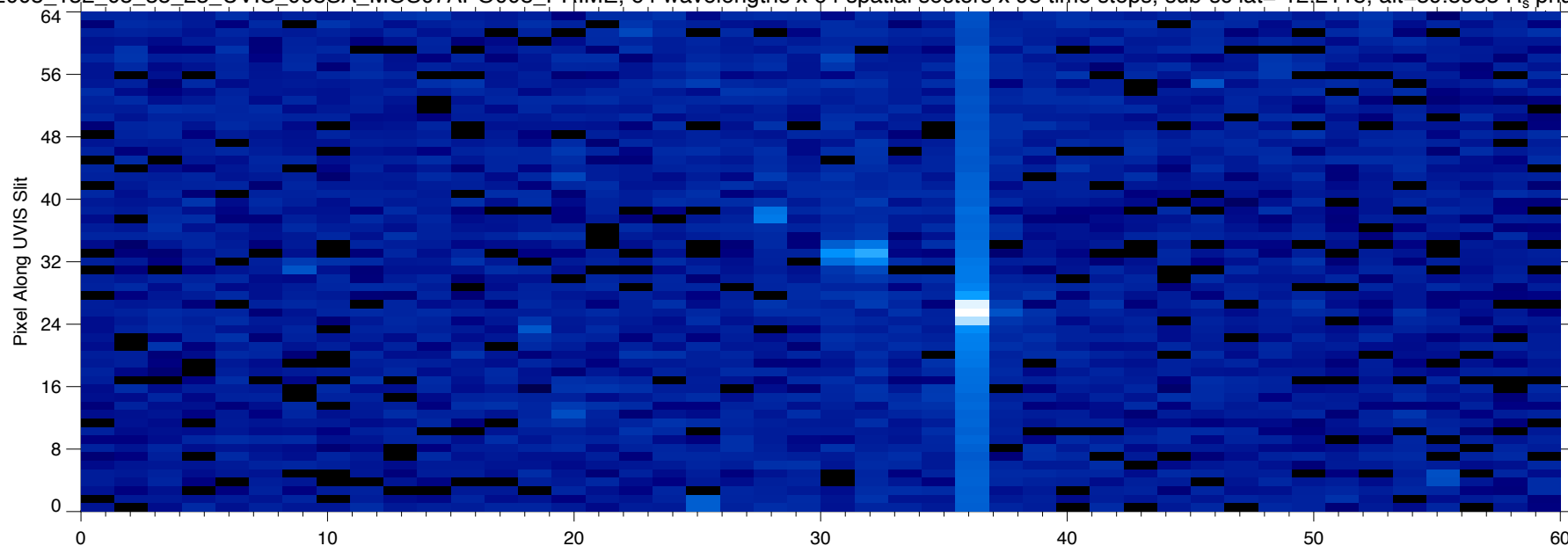
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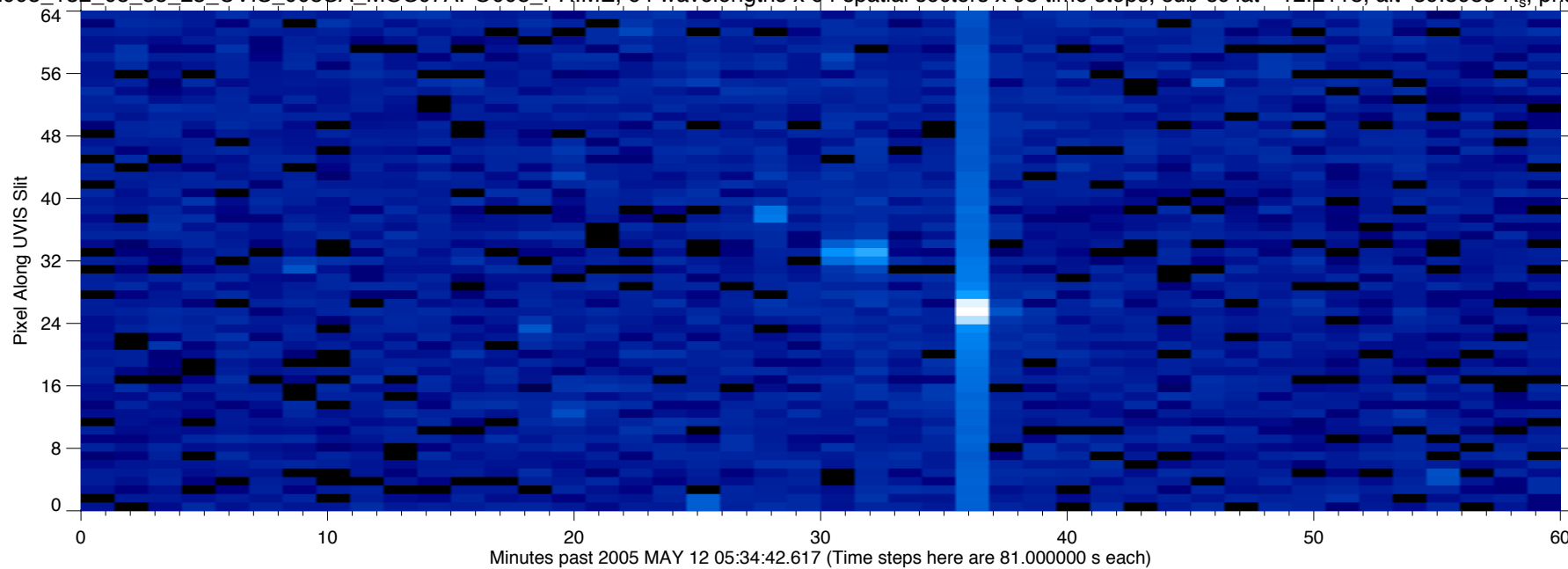
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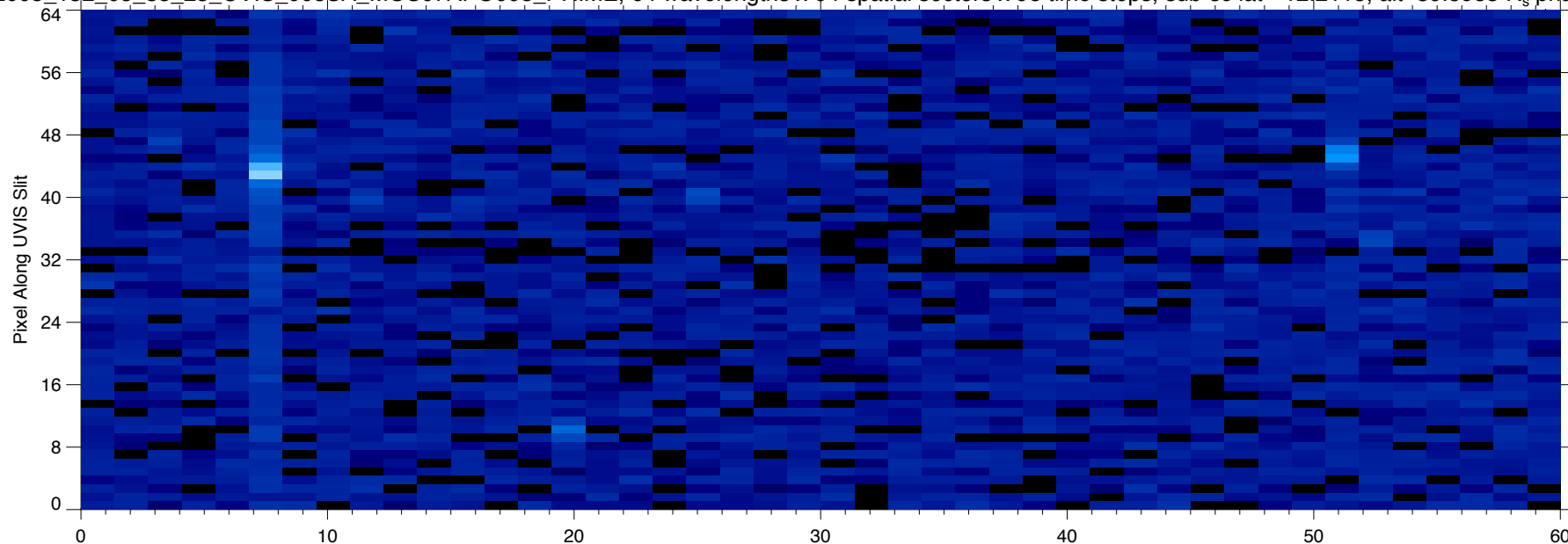
FUV2005_132_05_35_23_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-12.2118, alt=39.5953 R_s, phase=65.1574



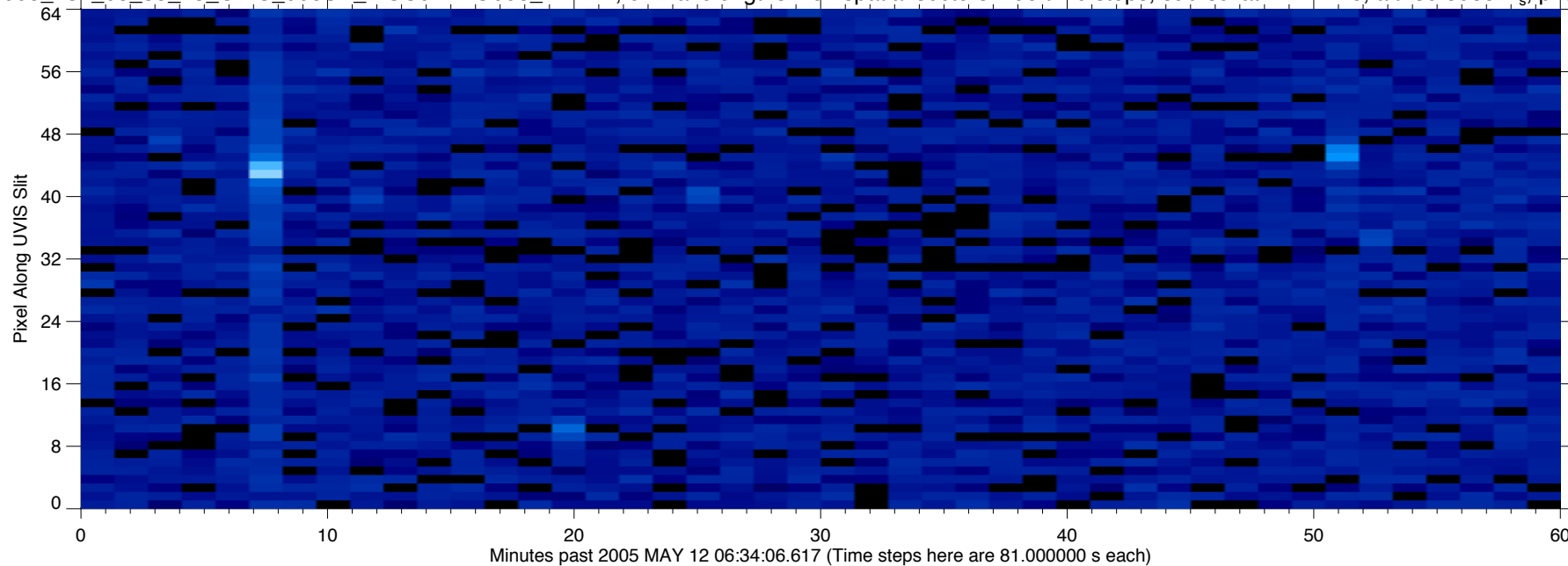
FUV2005_132_05_35_23_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-12.2118, alt=39.5953 R_s, phase=65.1574



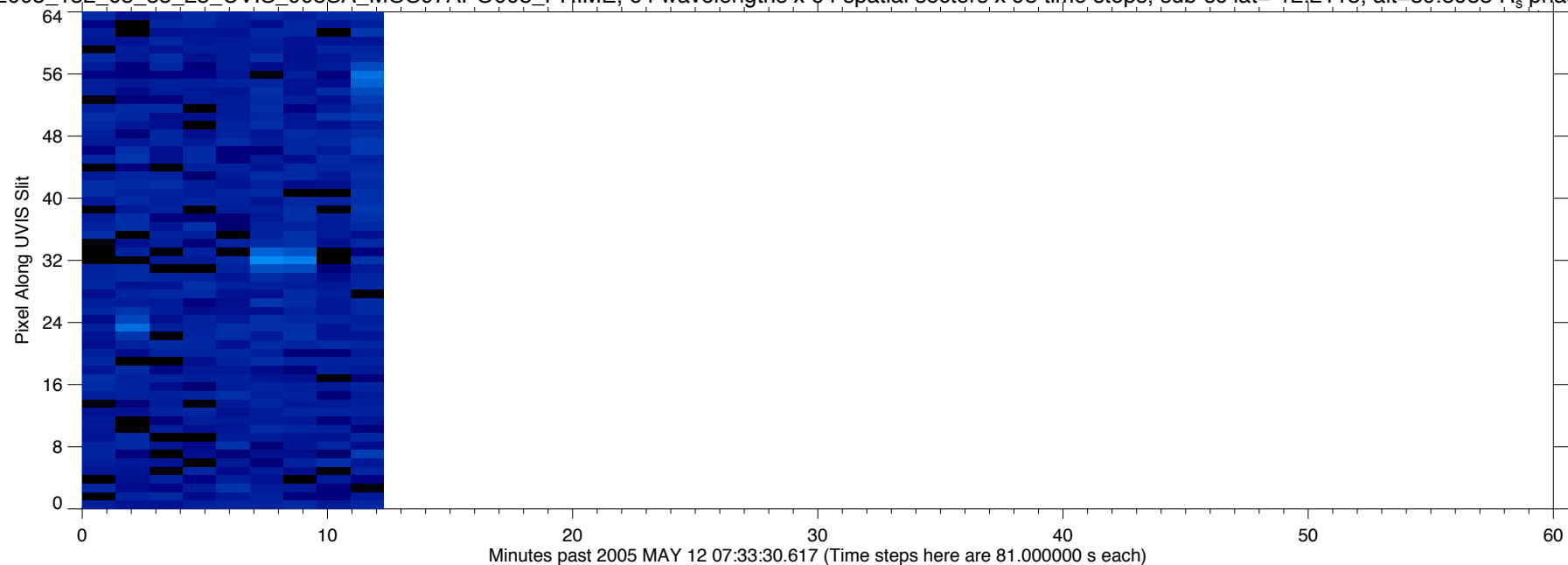
FUV2005_132_05_35_23_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-12.2118, alt=39.5953 R_s, phase=65.1574



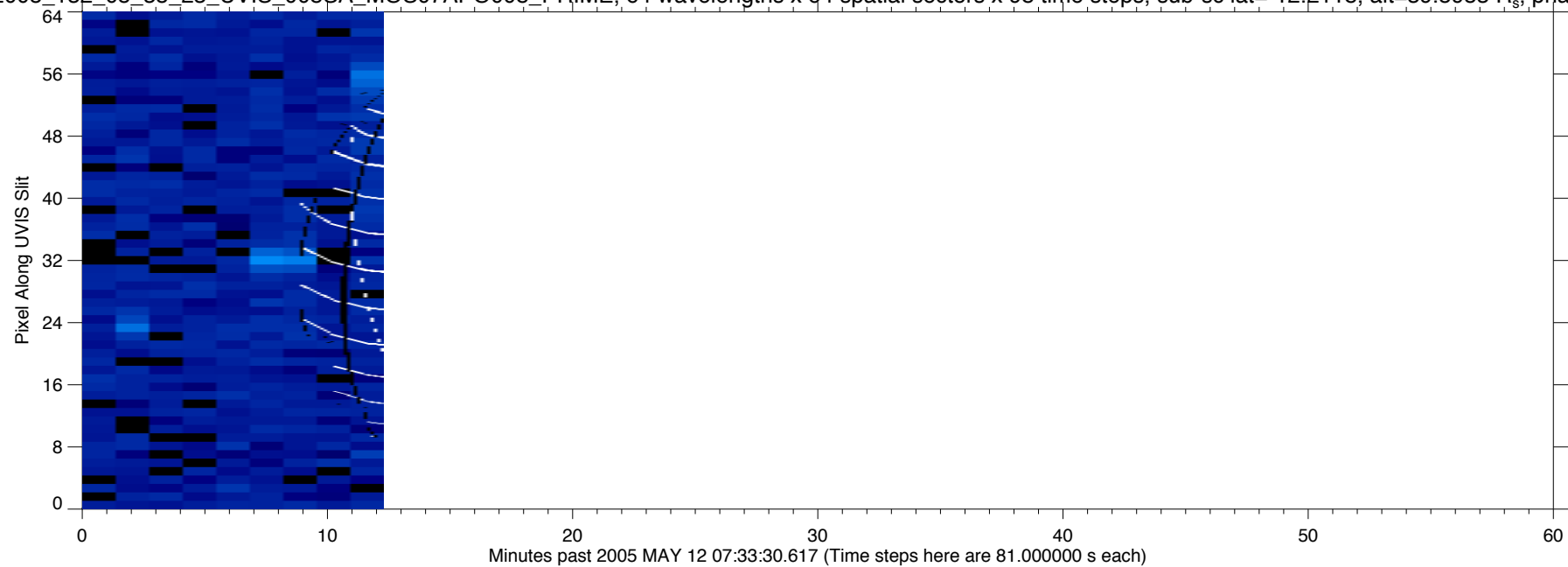
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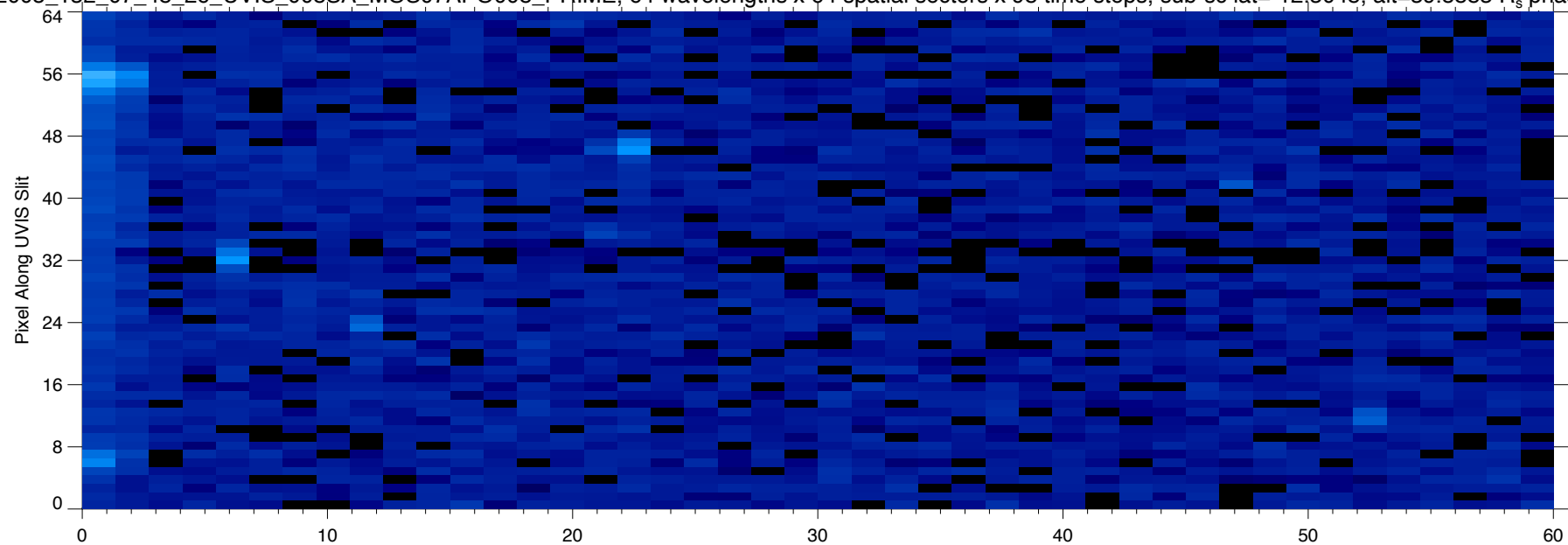
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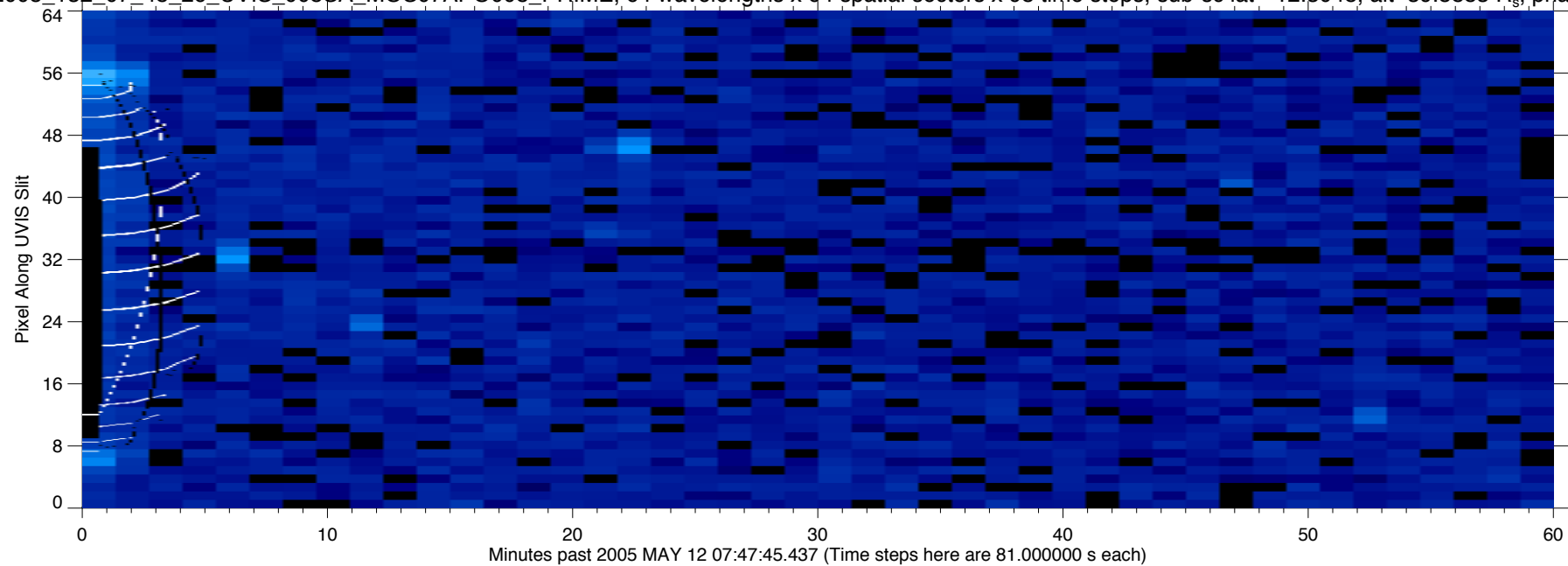
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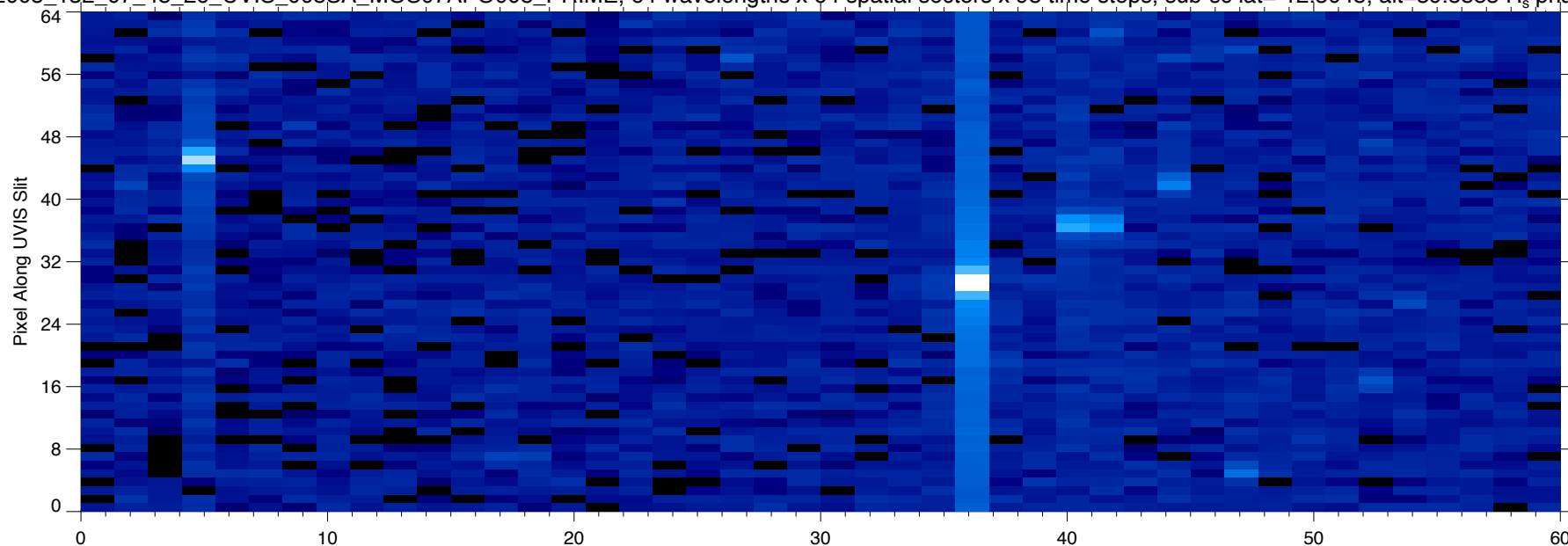
FUV2005_132_07_48_26_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-12.3048, alt=39.5883 R_s, phase=64.8648



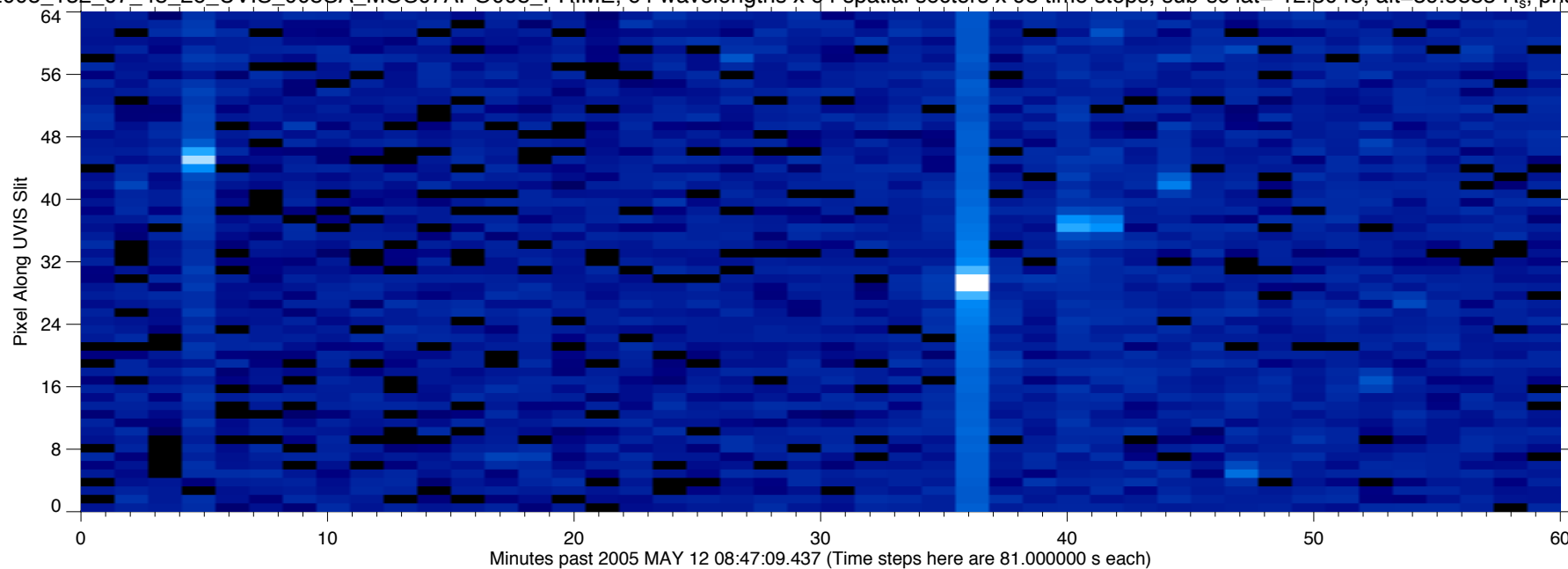
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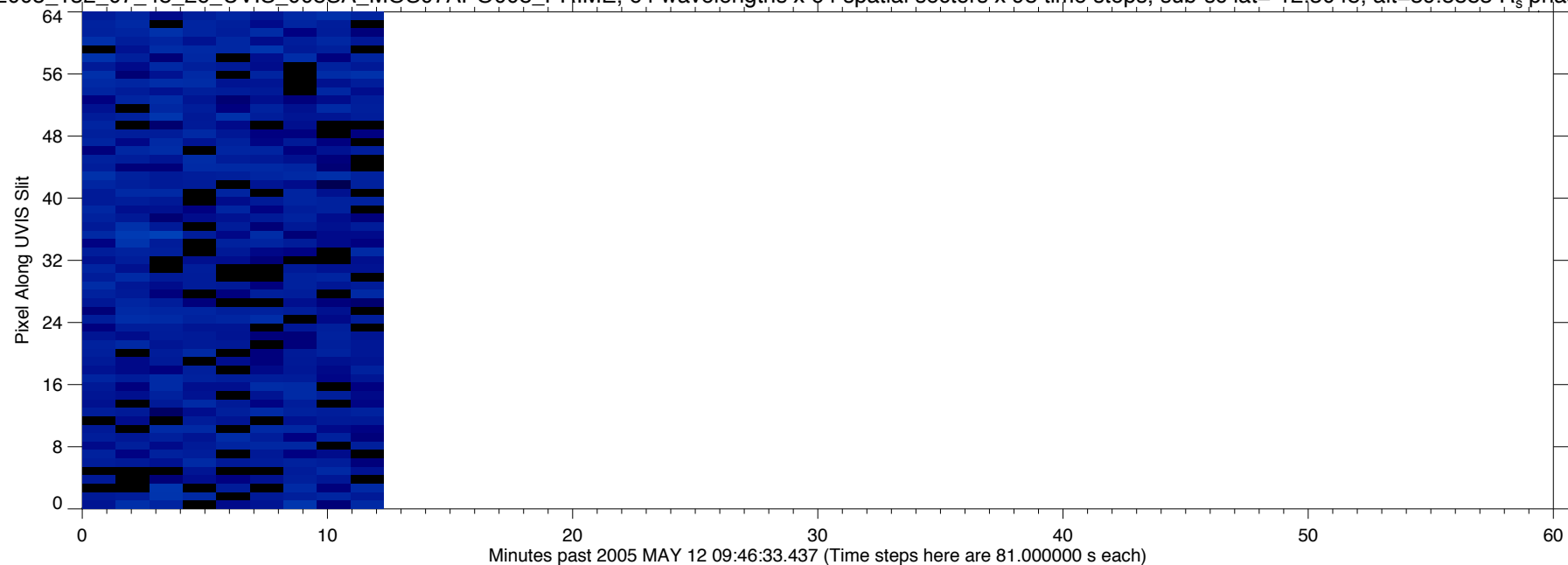
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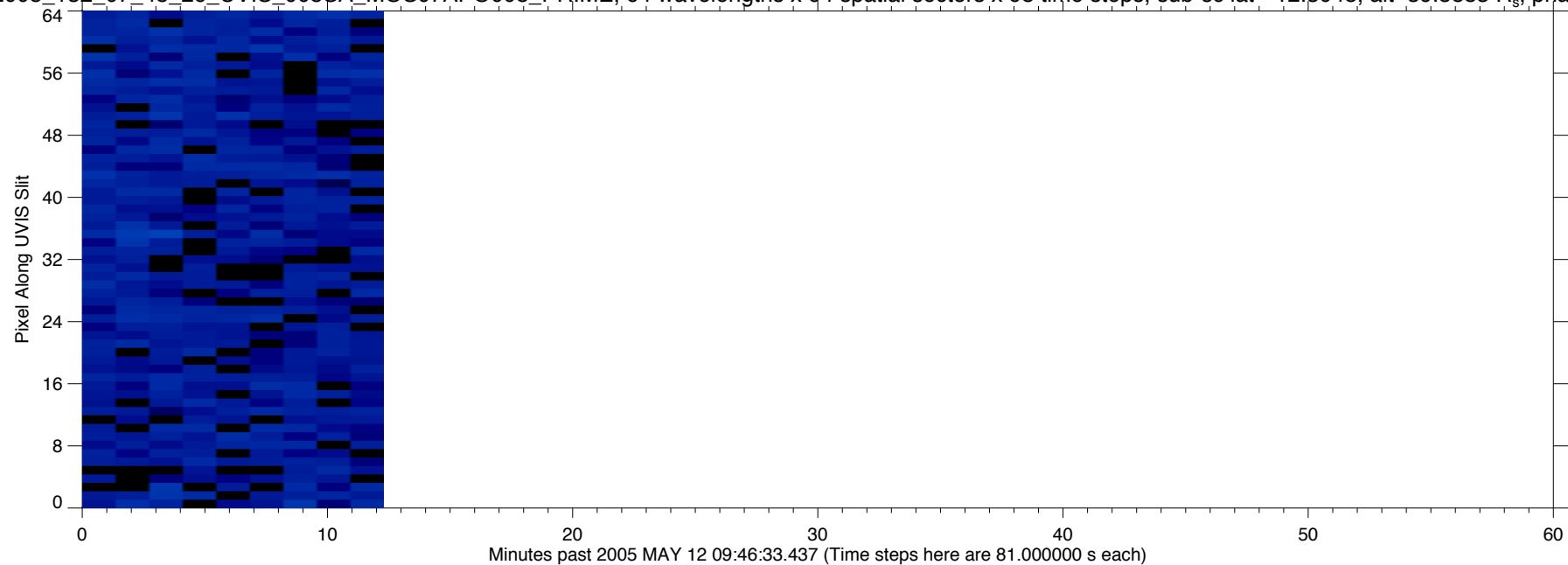
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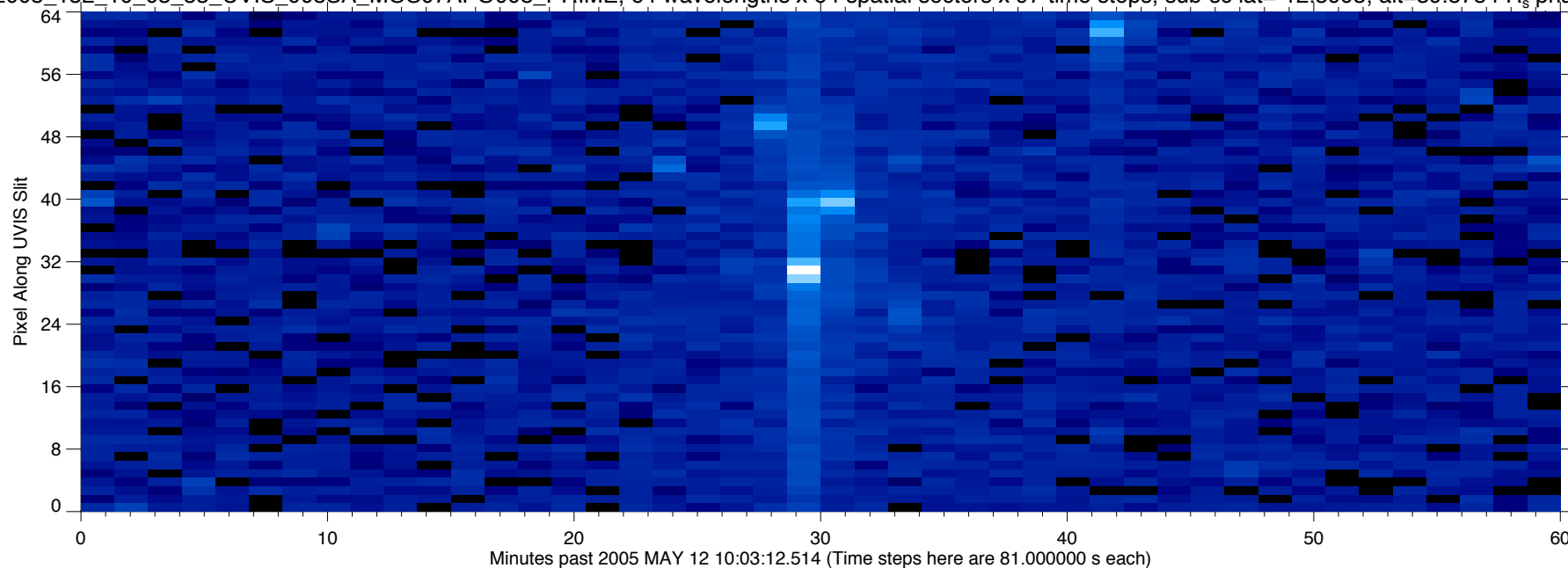
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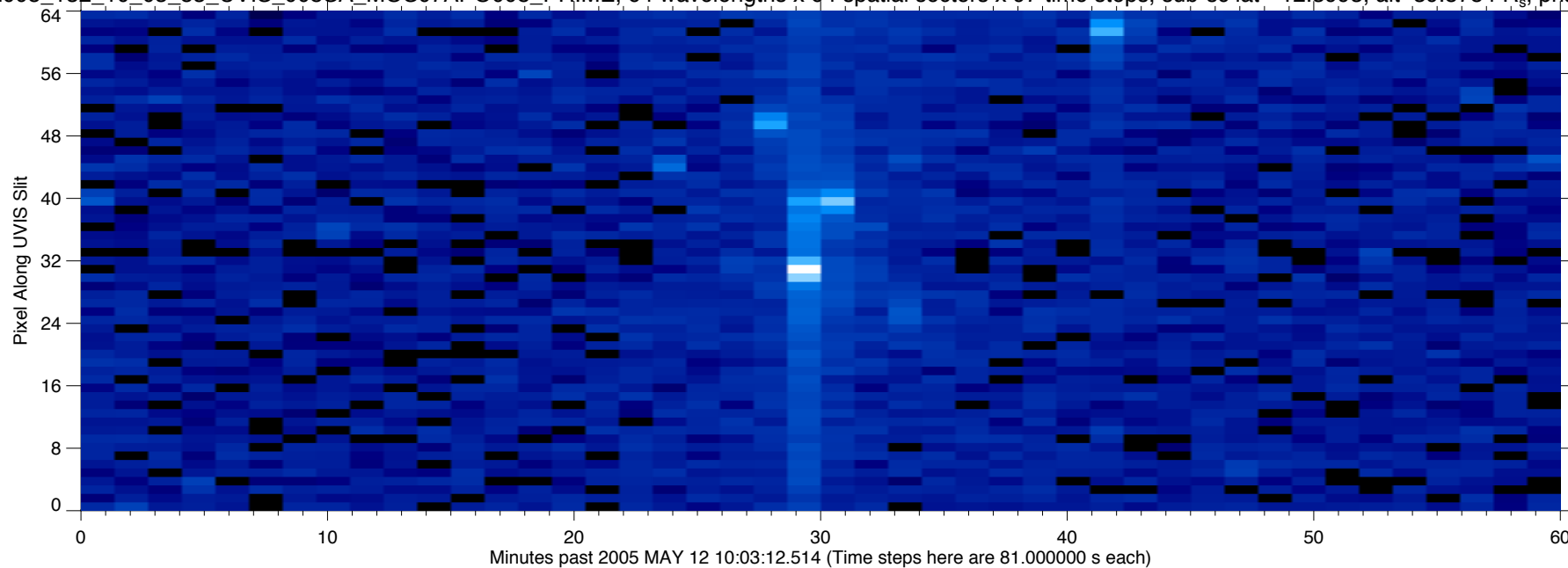
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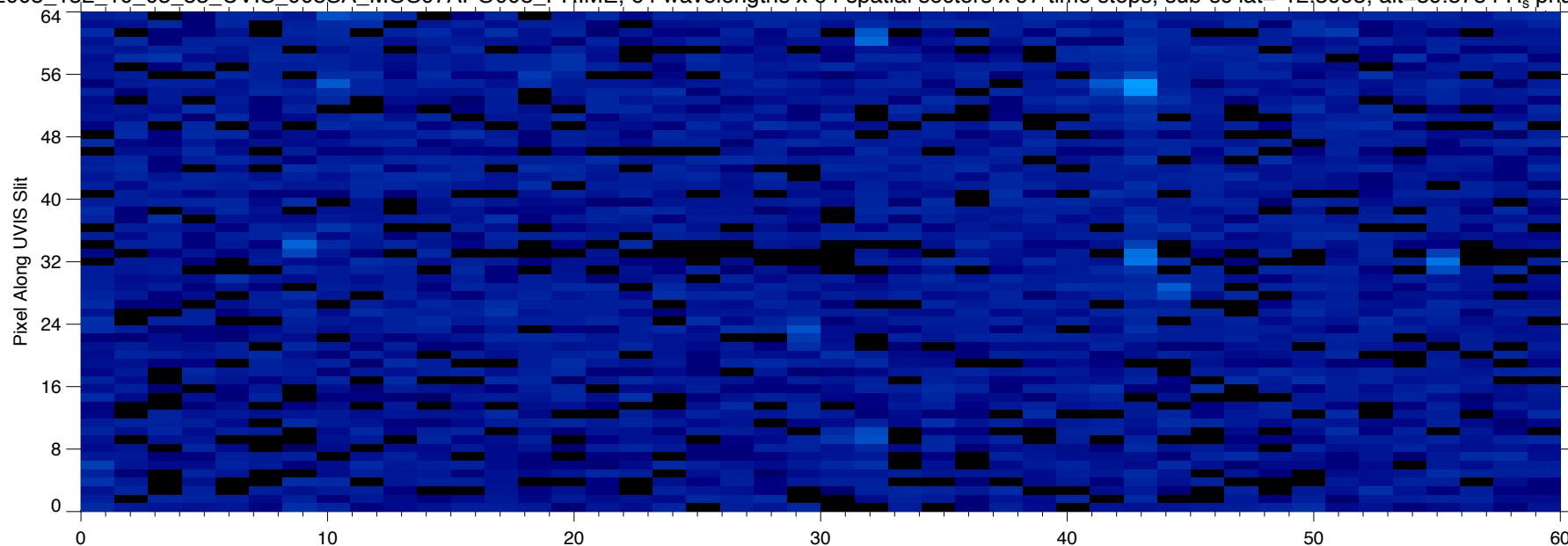
FUV2005_132_10_03_53_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 97 time steps, sub-sc lat=-12.3993, alt=39.5754 R_s phase=64.5667



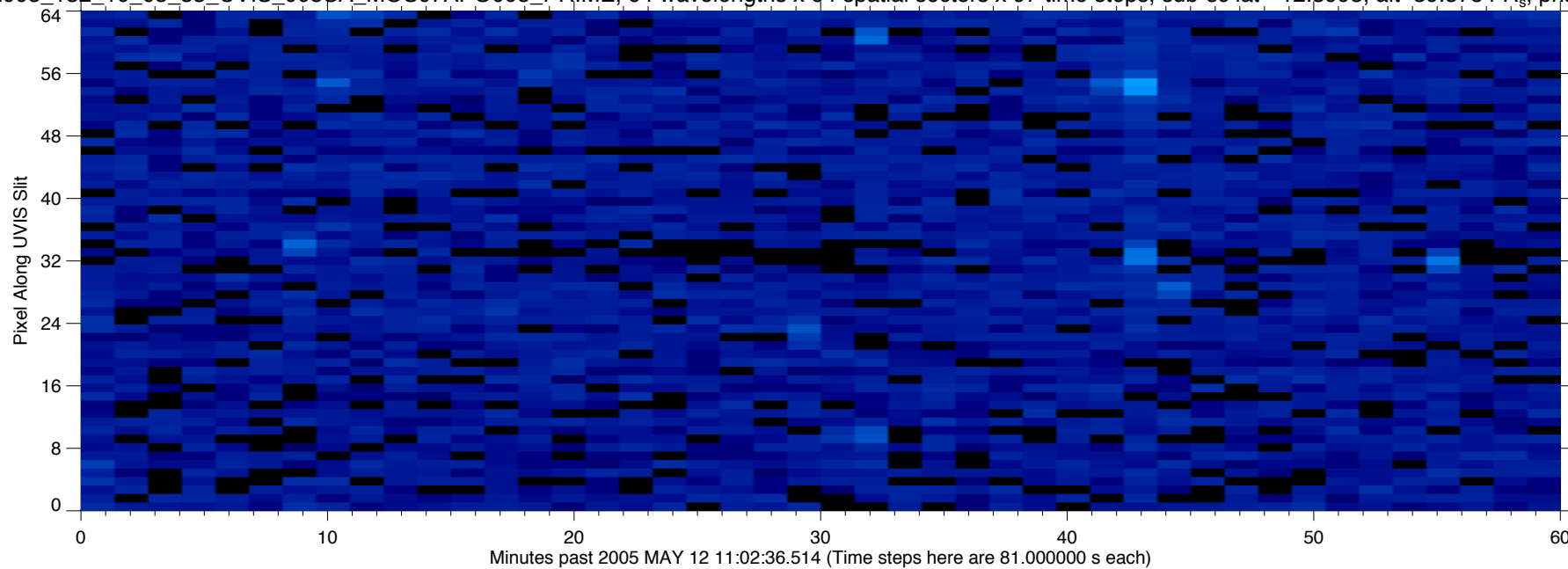
FUV2005_132_10_03_53_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 97 time steps, sub-sc lat=-12.3993, alt=39.5754 R_s phase=64.5667



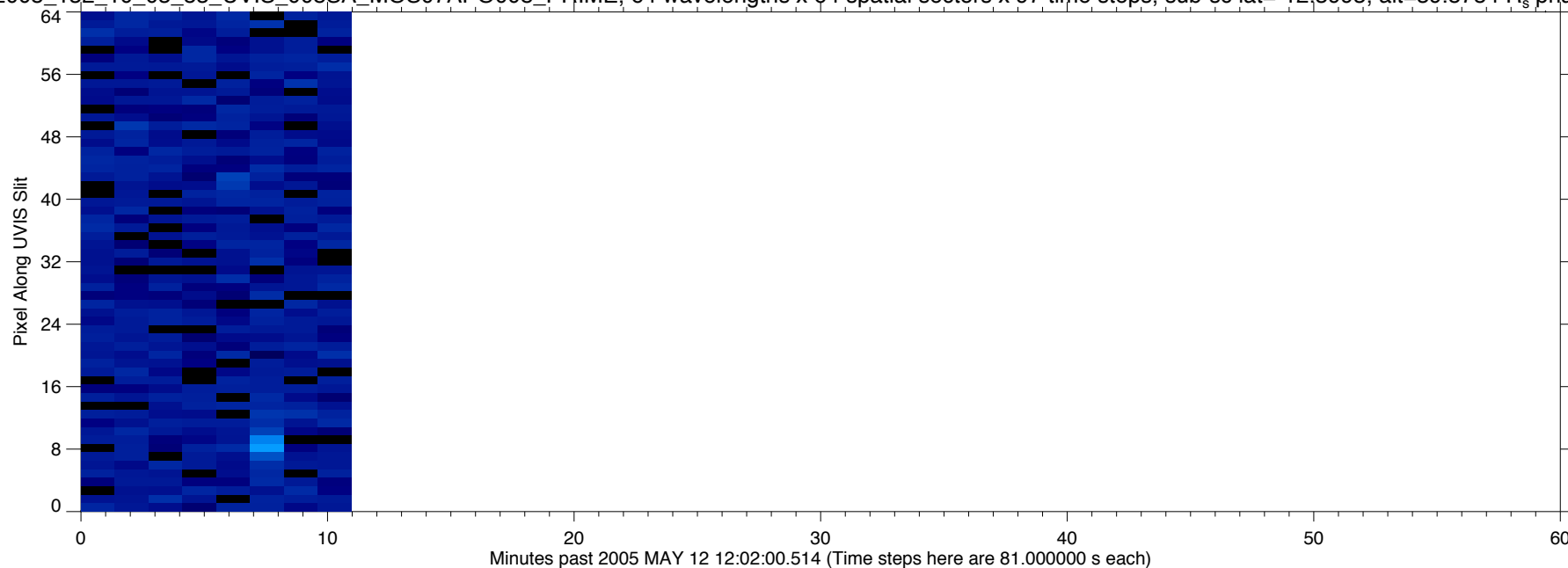
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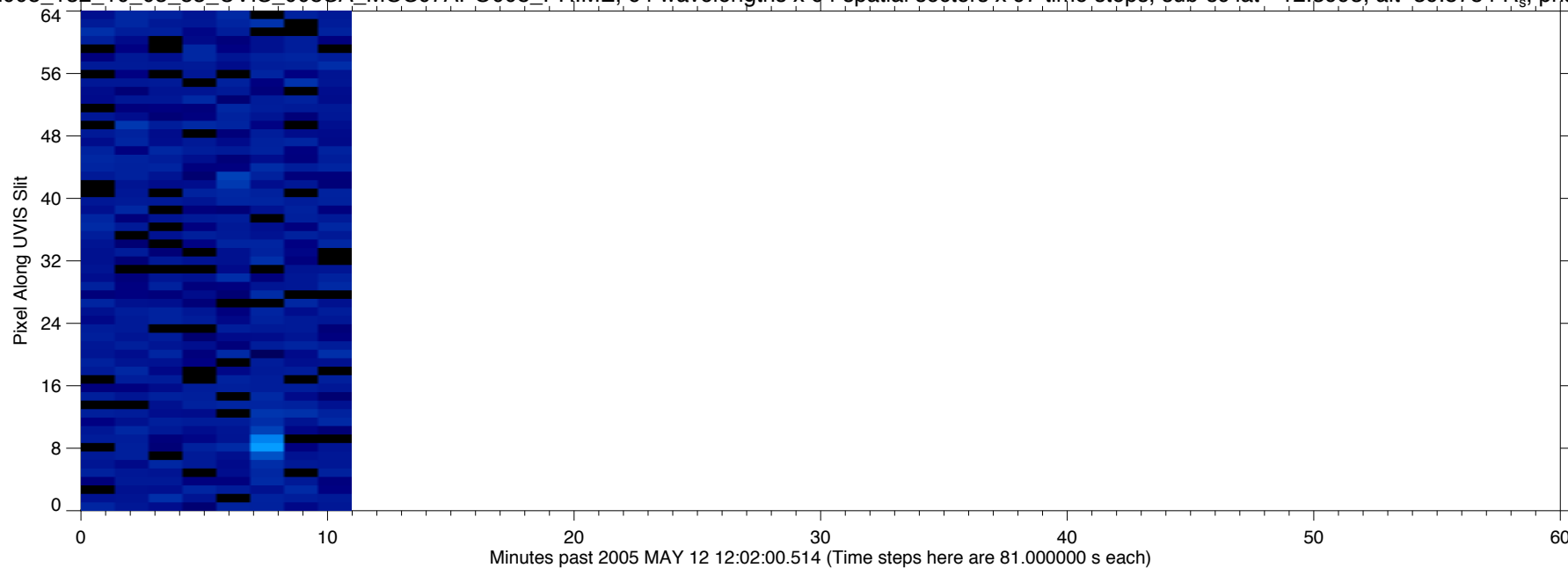
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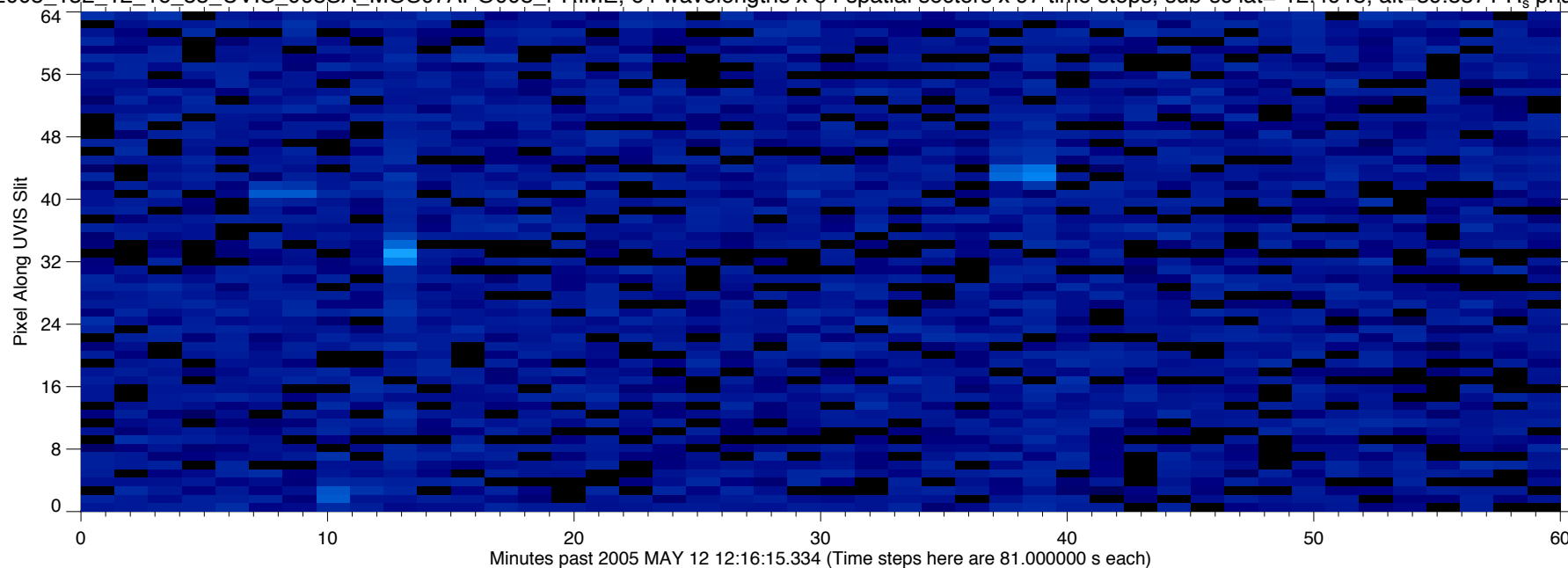
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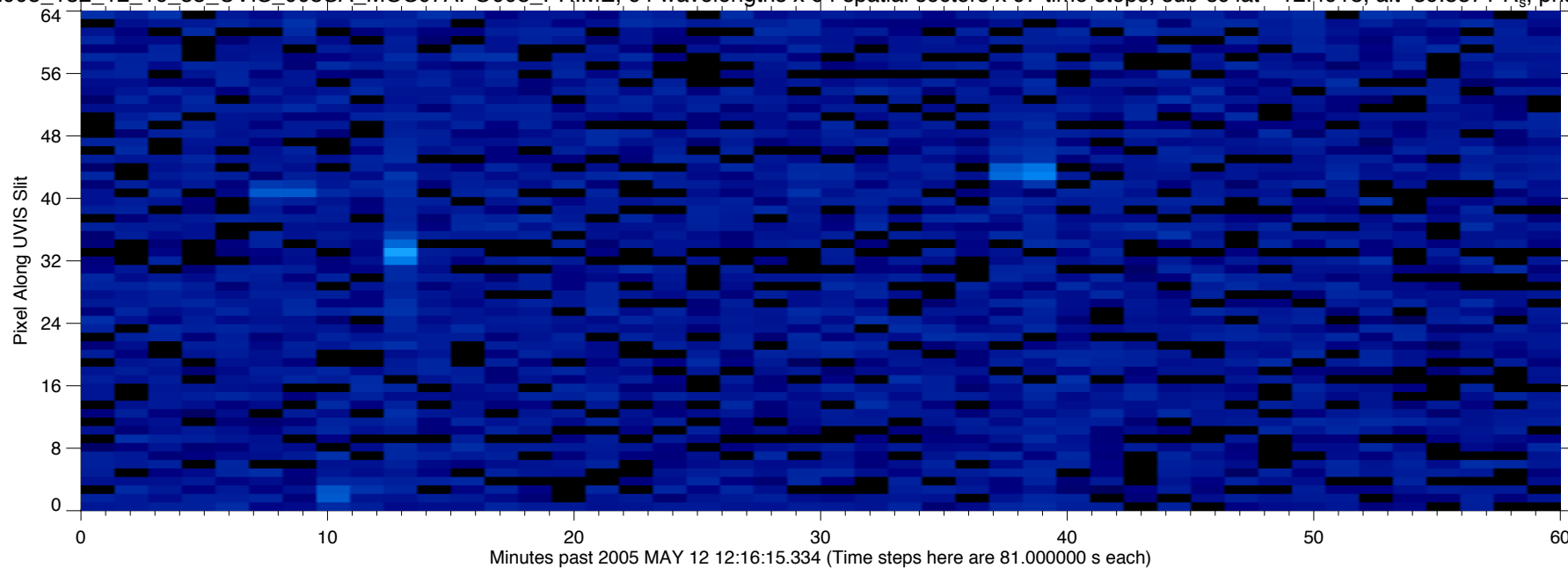
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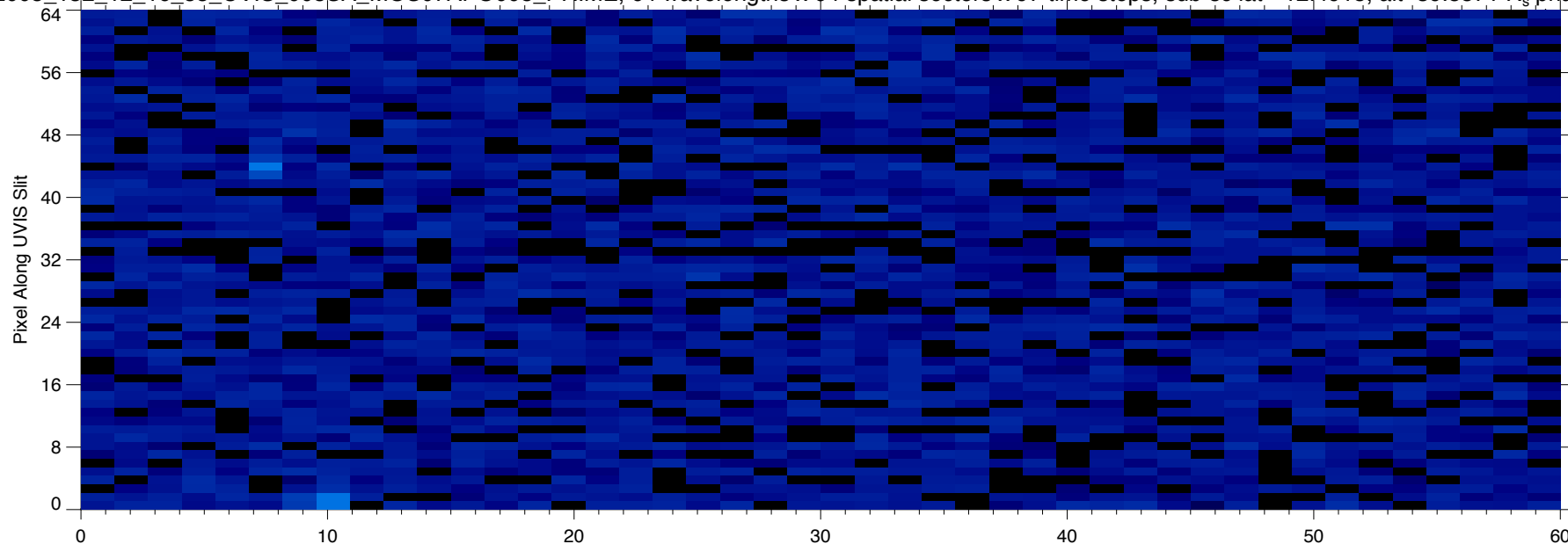
FUV2005_132_12_16_55_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 97 time steps, sub-sc lat=-12.4918, alt=39.5571 R_s phase=64.2737



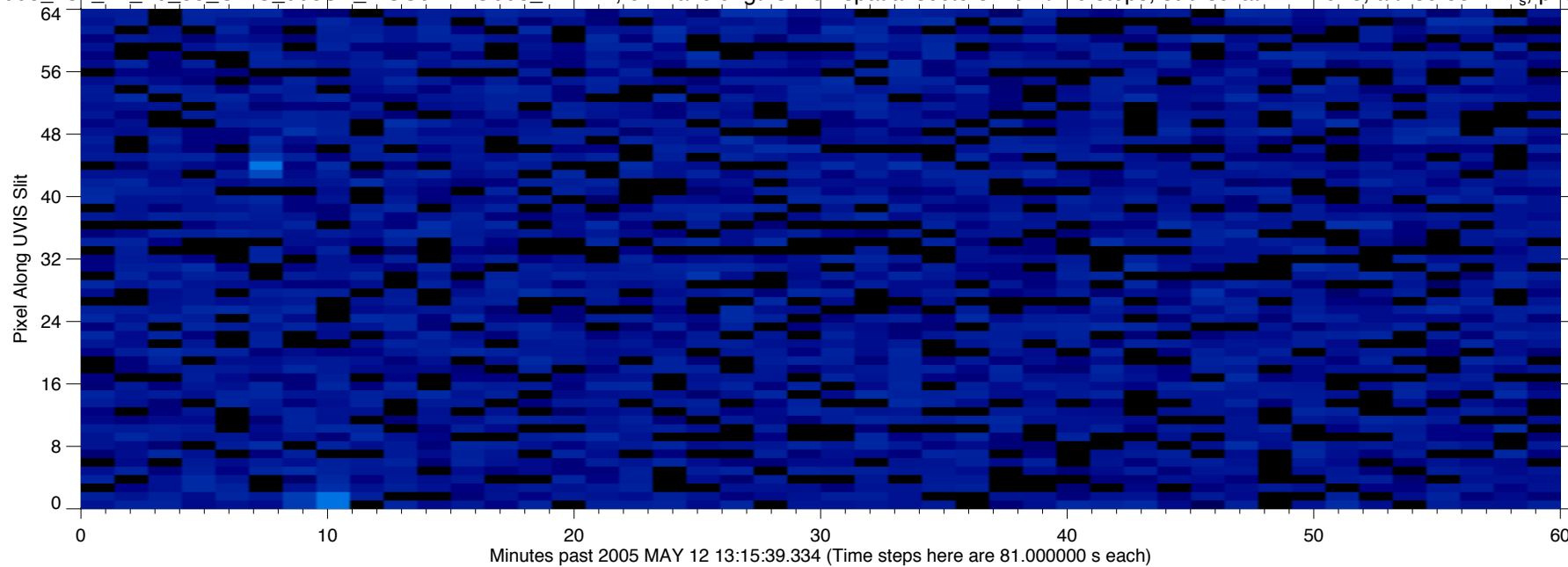
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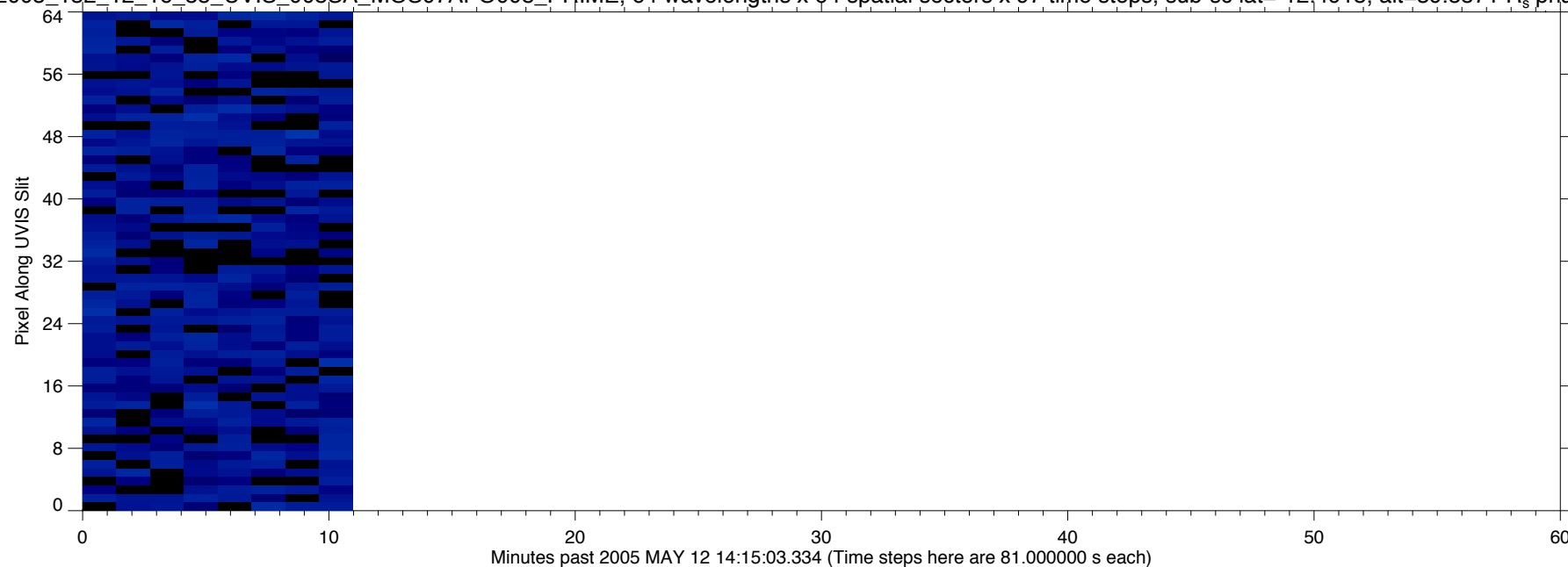
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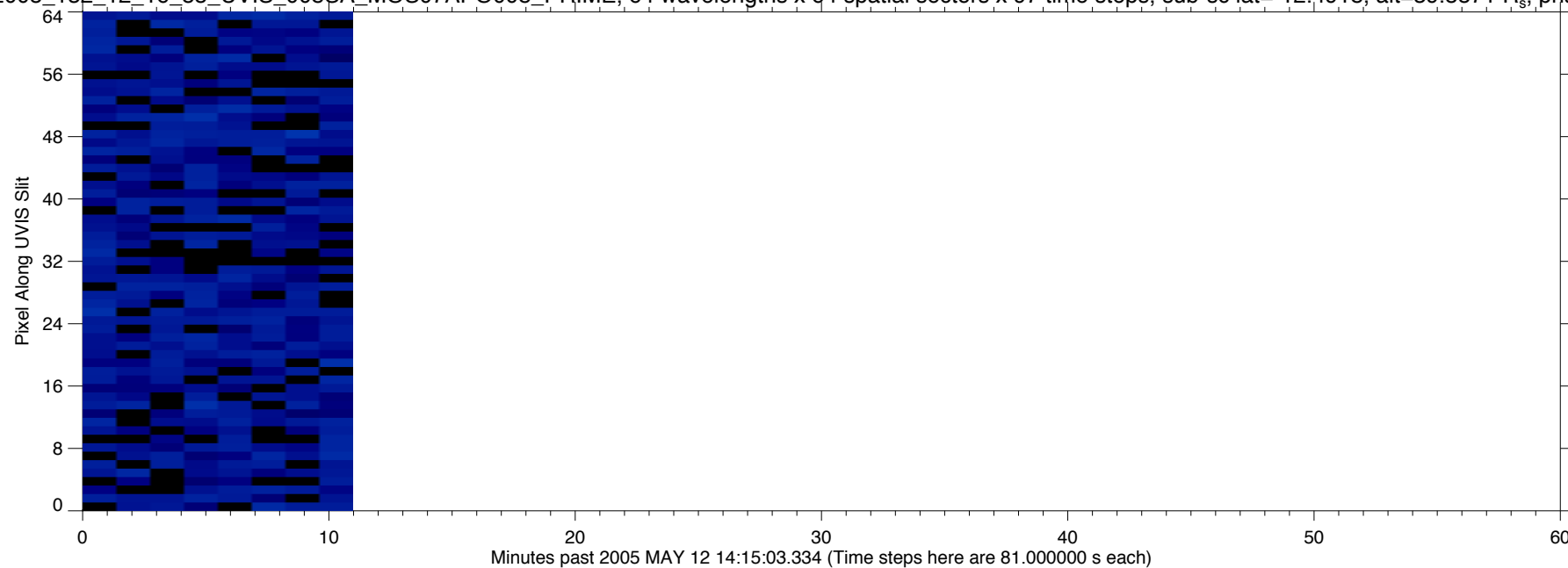
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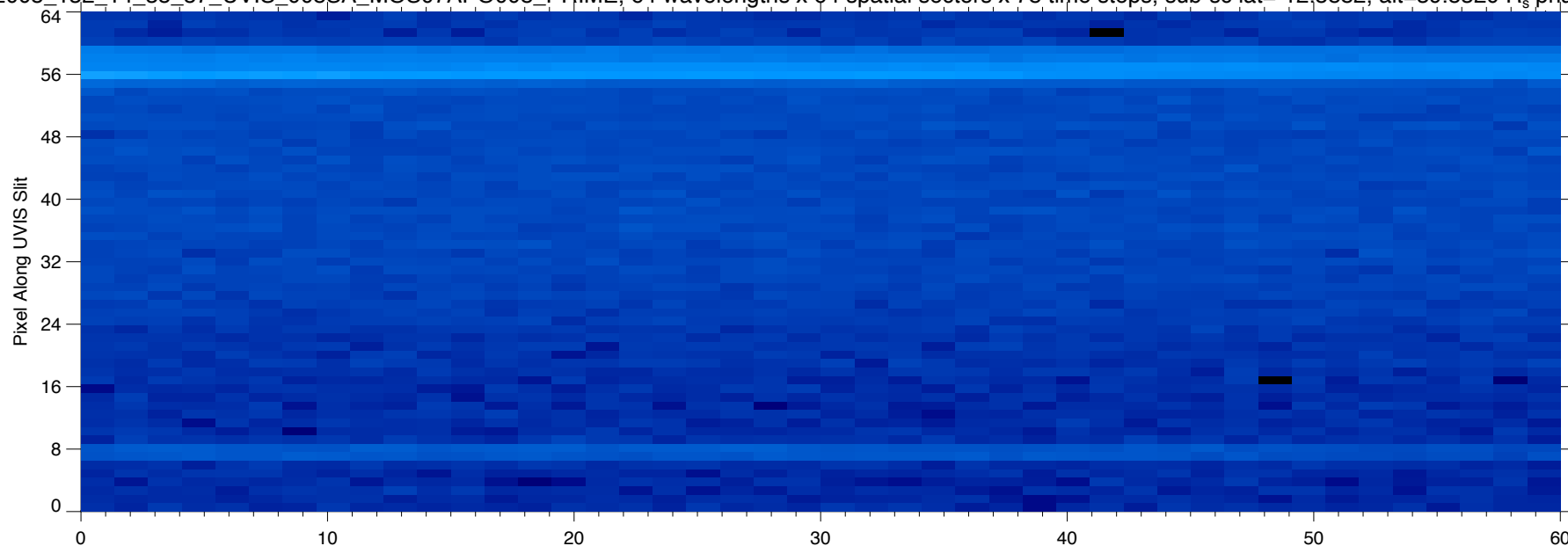
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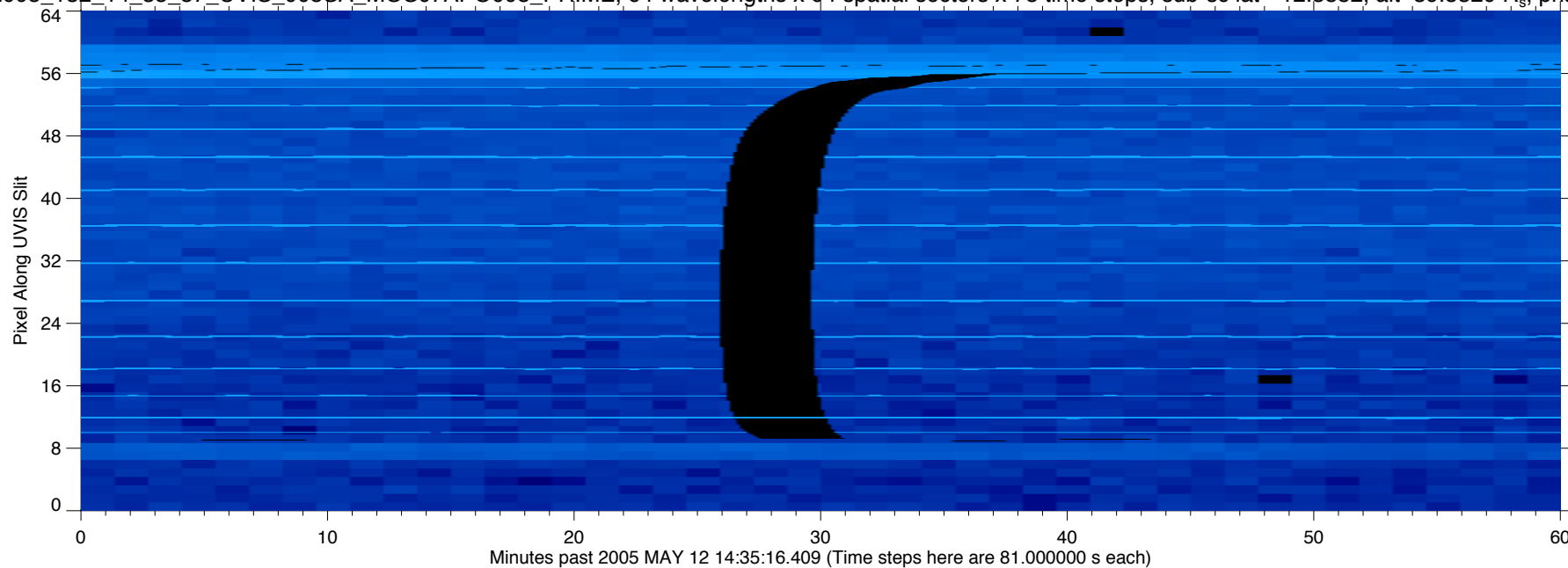
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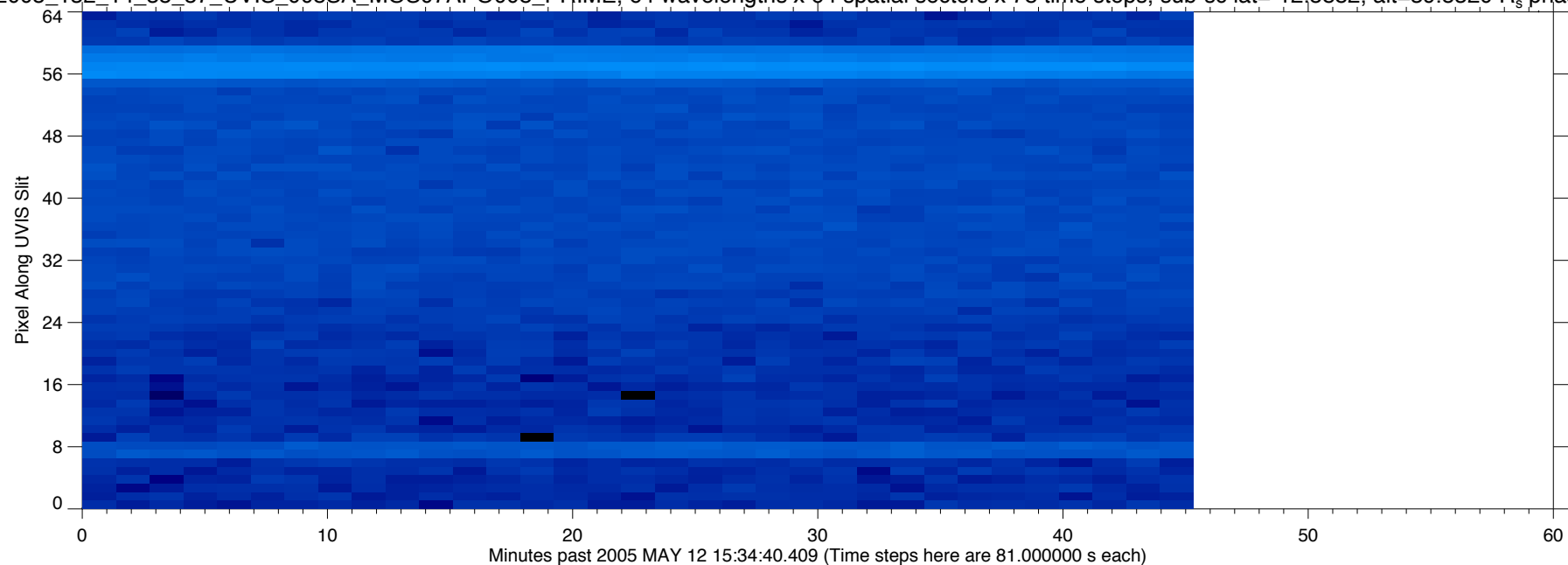
FUV2005_132_14_35_57_UVIS_008SA_MOS07APO008_PRIME, 64 wavelengths x 64 spatial sectors x 78 time steps, sub-sc lat=-12.5882, alt=39.5320 R_s, phase=63.9672



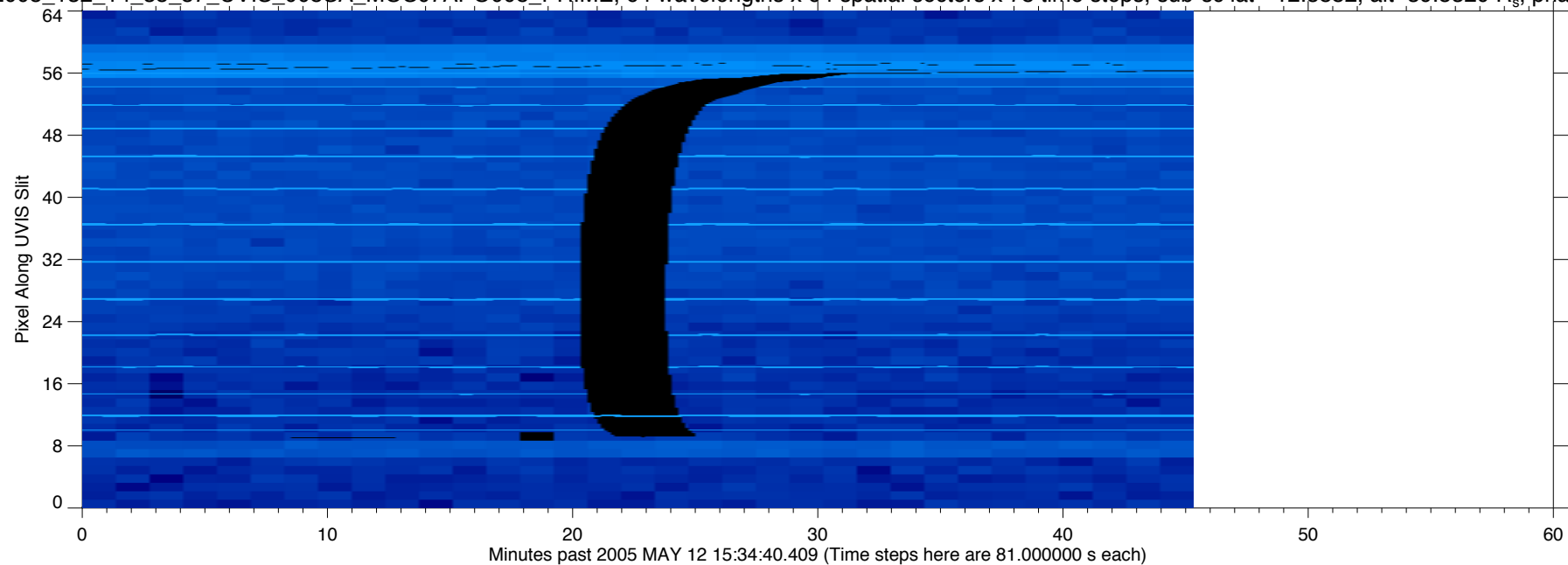
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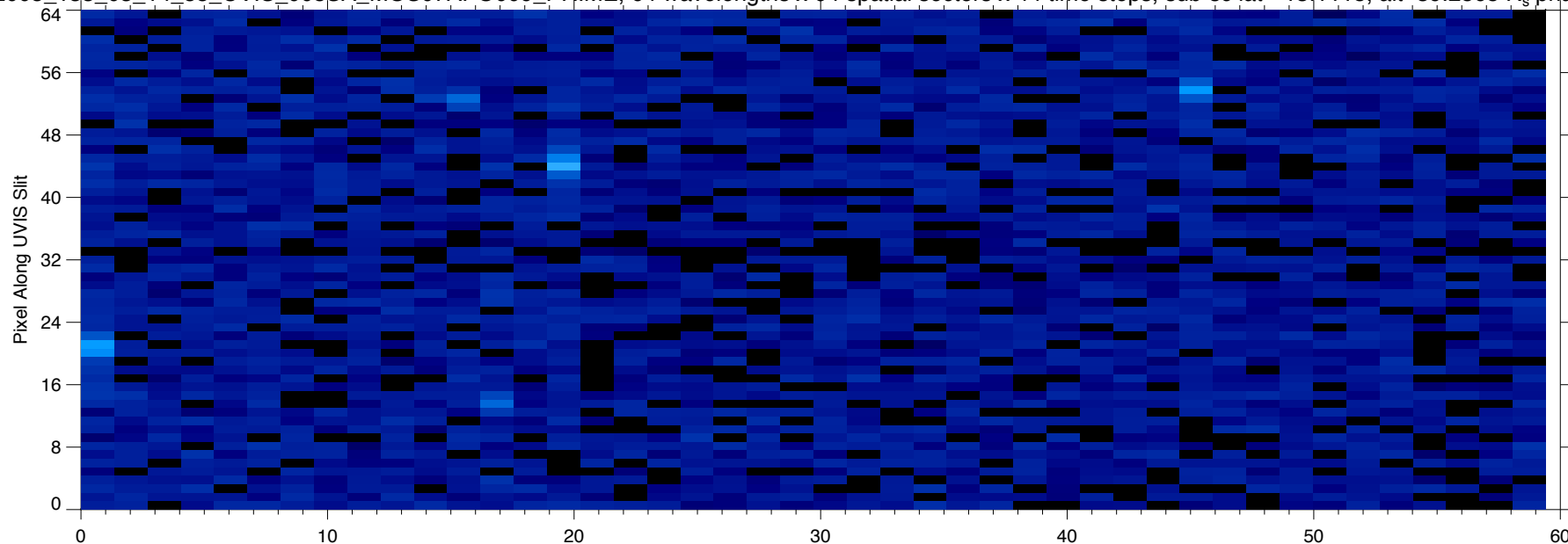
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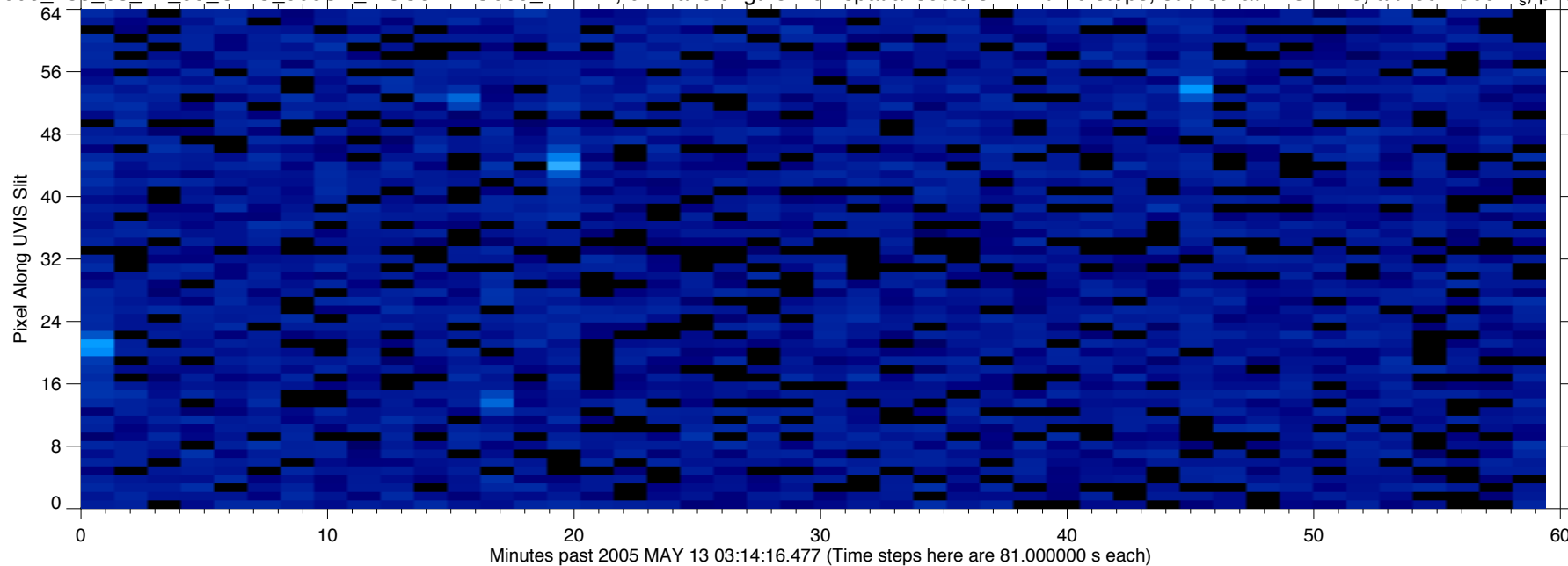
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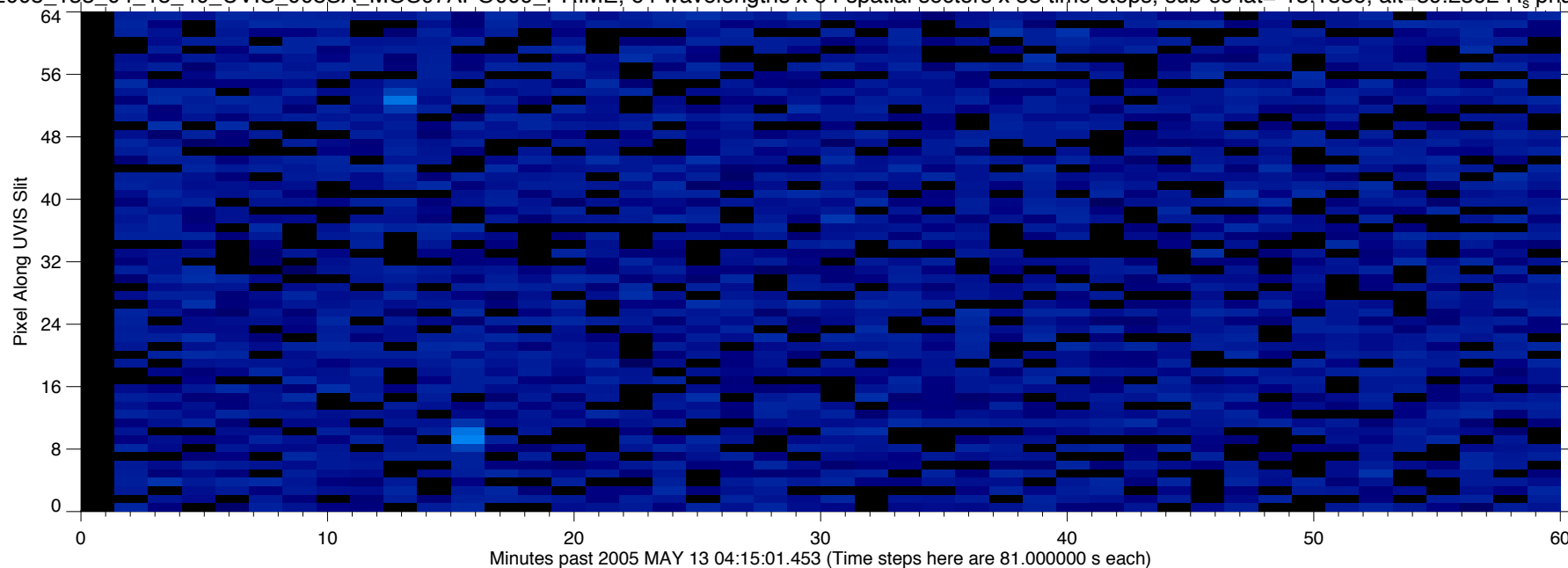
FUV2005_133_03_14_55_UVIS_008SA_MOS07APO009_PRIME, 64 wavelengths x 64 spatial sectors x 44 time steps, sub-sc lat=-13.1118, alt=39.2868 R_s, phase=62.2836



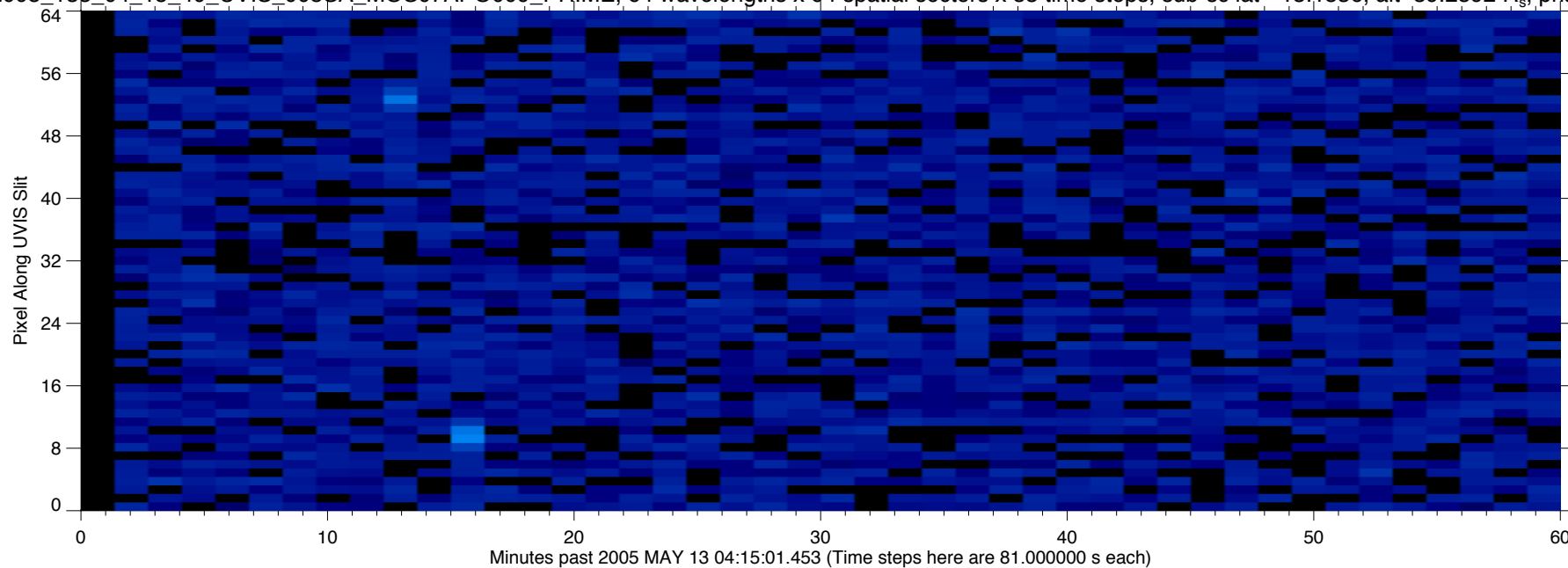
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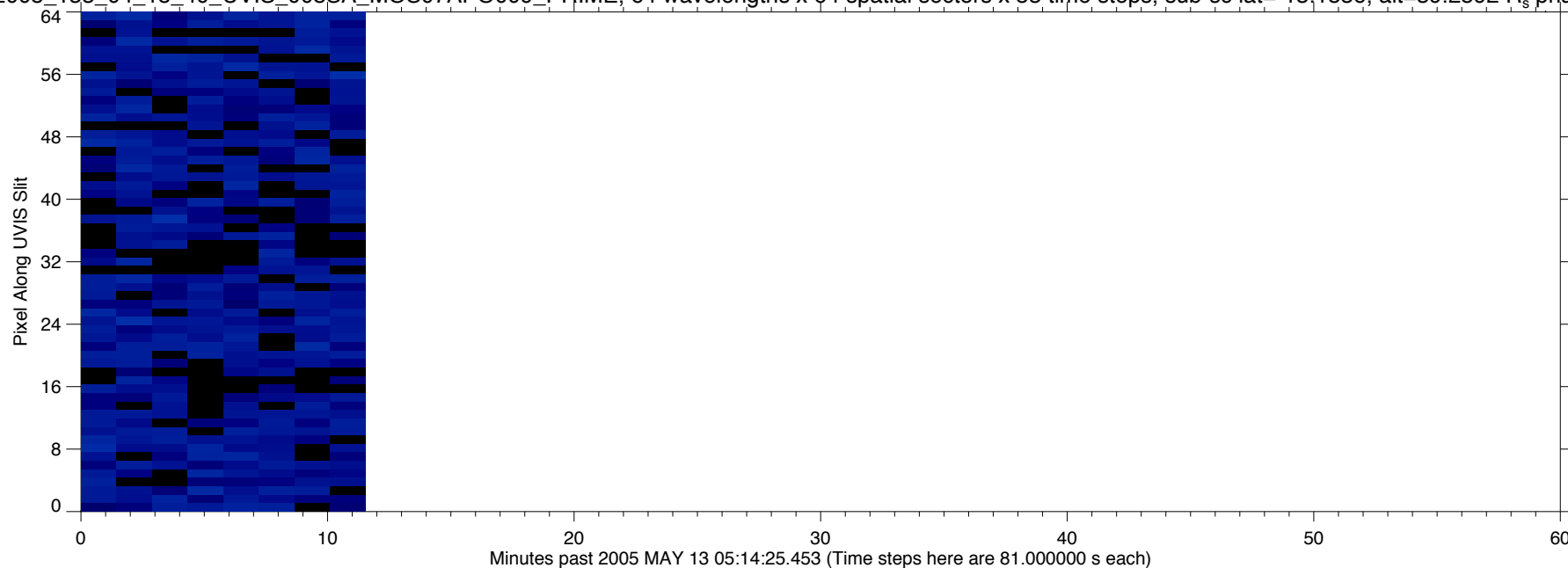
FUV2005_133_04_15_40_UVIS_008SA_MOS07APO009_PRIME, 64 wavelengths x 64 spatial sectors x 53 time steps, sub-sc lat=-13.1536, alt=39.2592 R_s, phase=62.1479



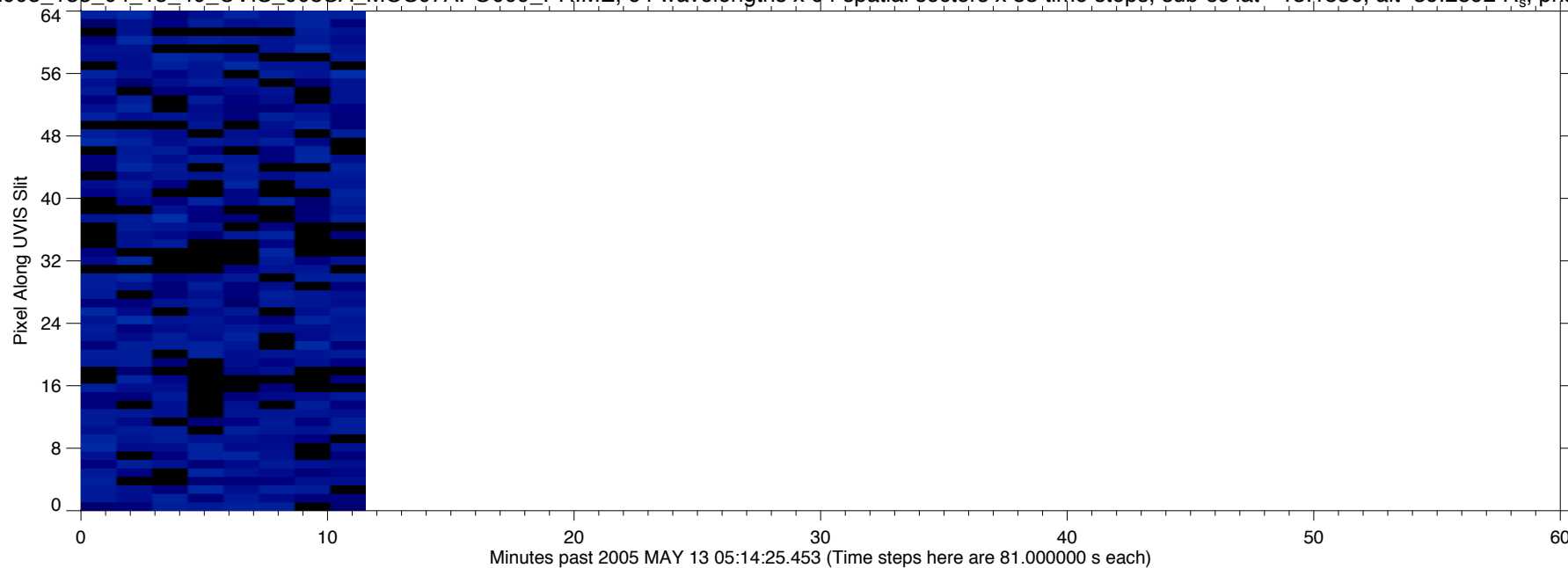
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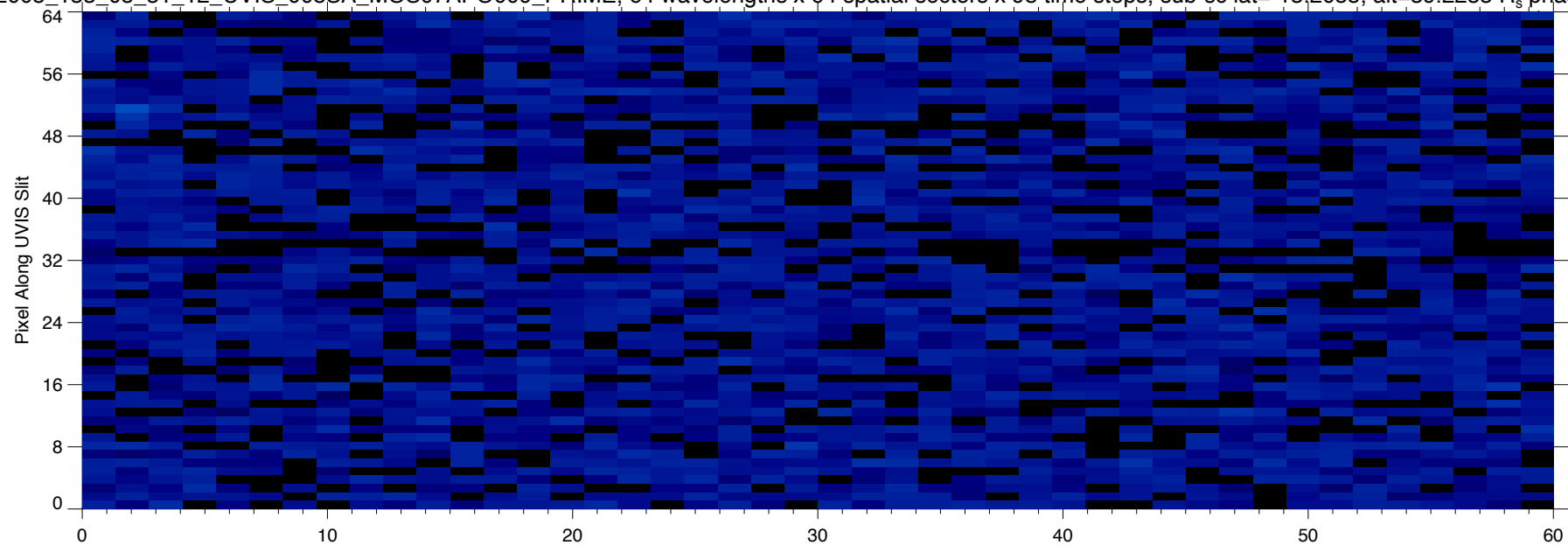
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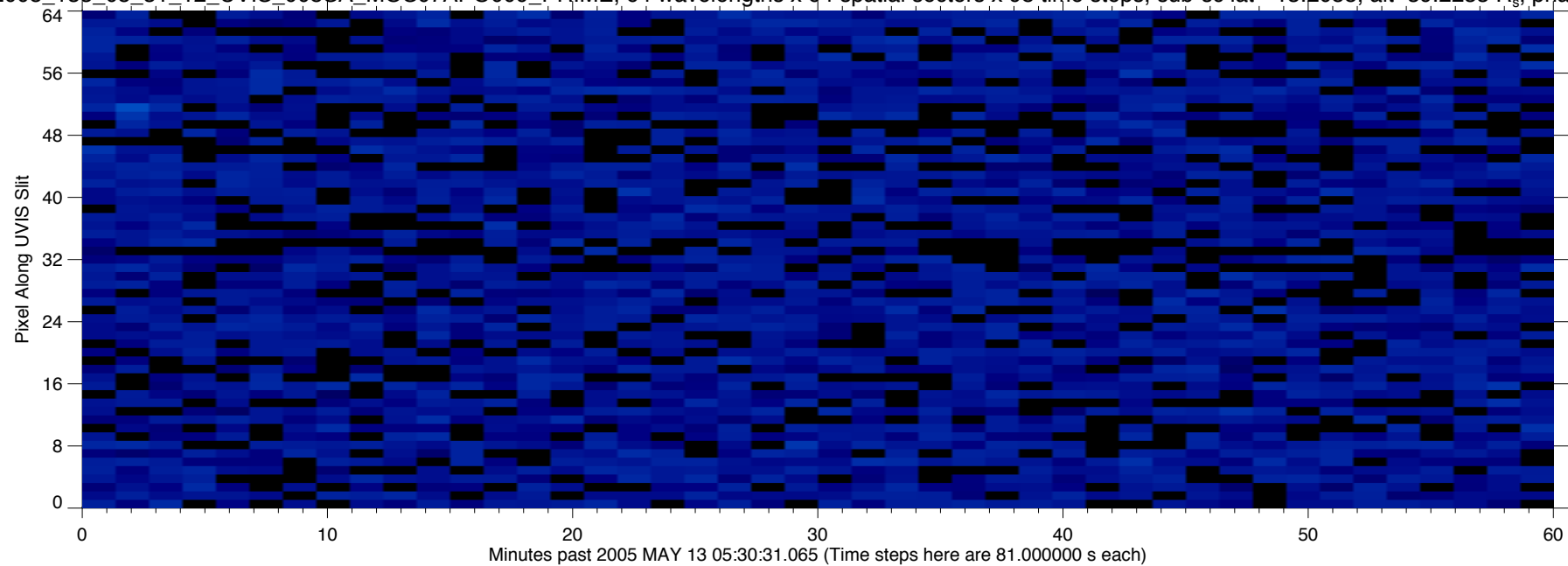
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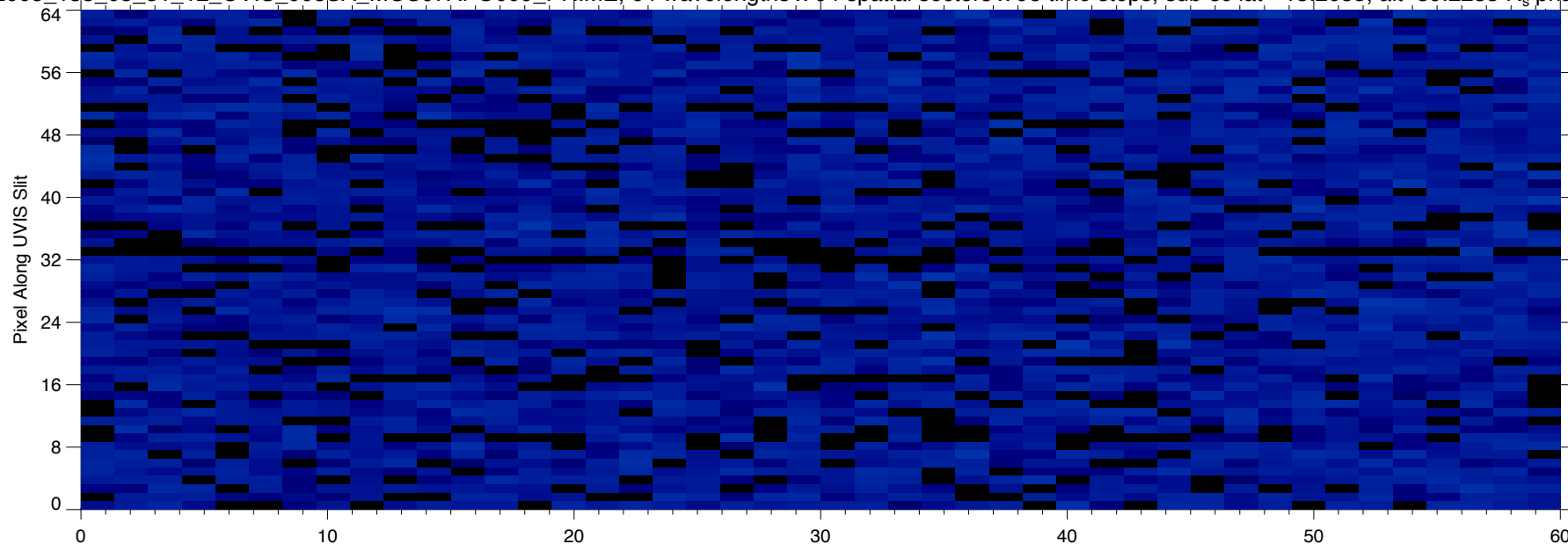
FUV2005_133_05_31_12_UVIS_008SA_MOS07APO009_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-13.2055, alt=39.2233 R_s, phase=61.9789



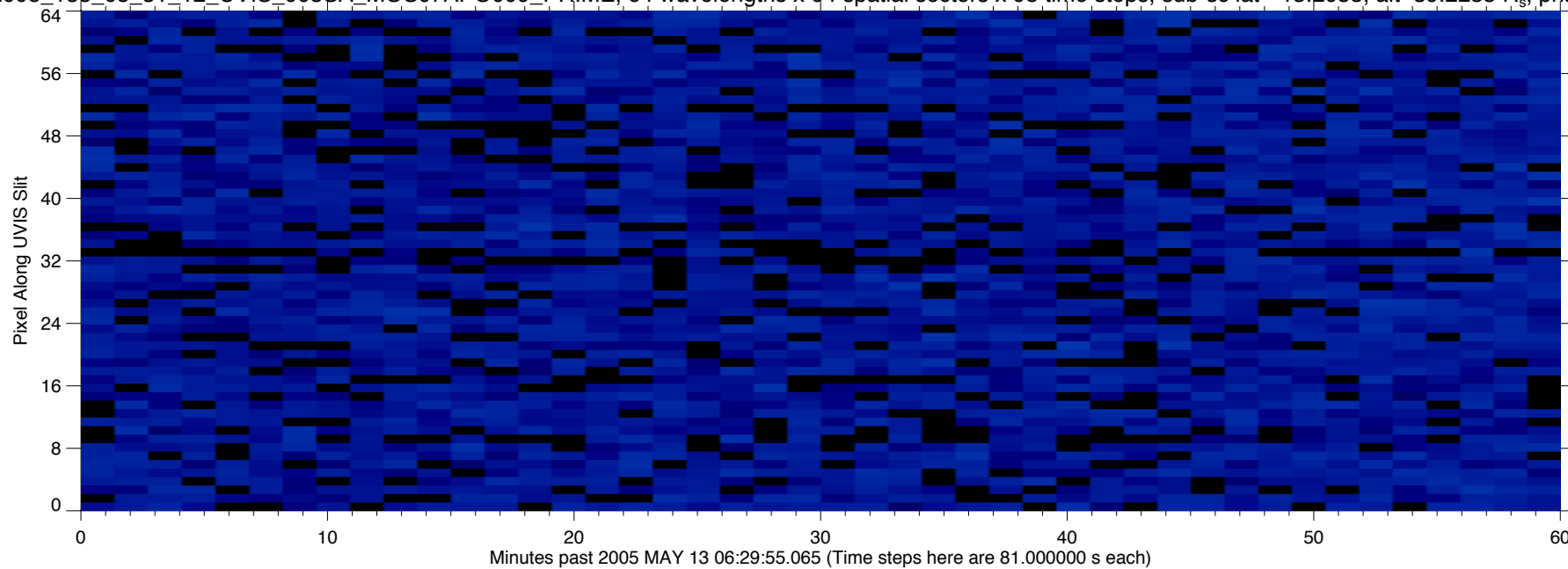
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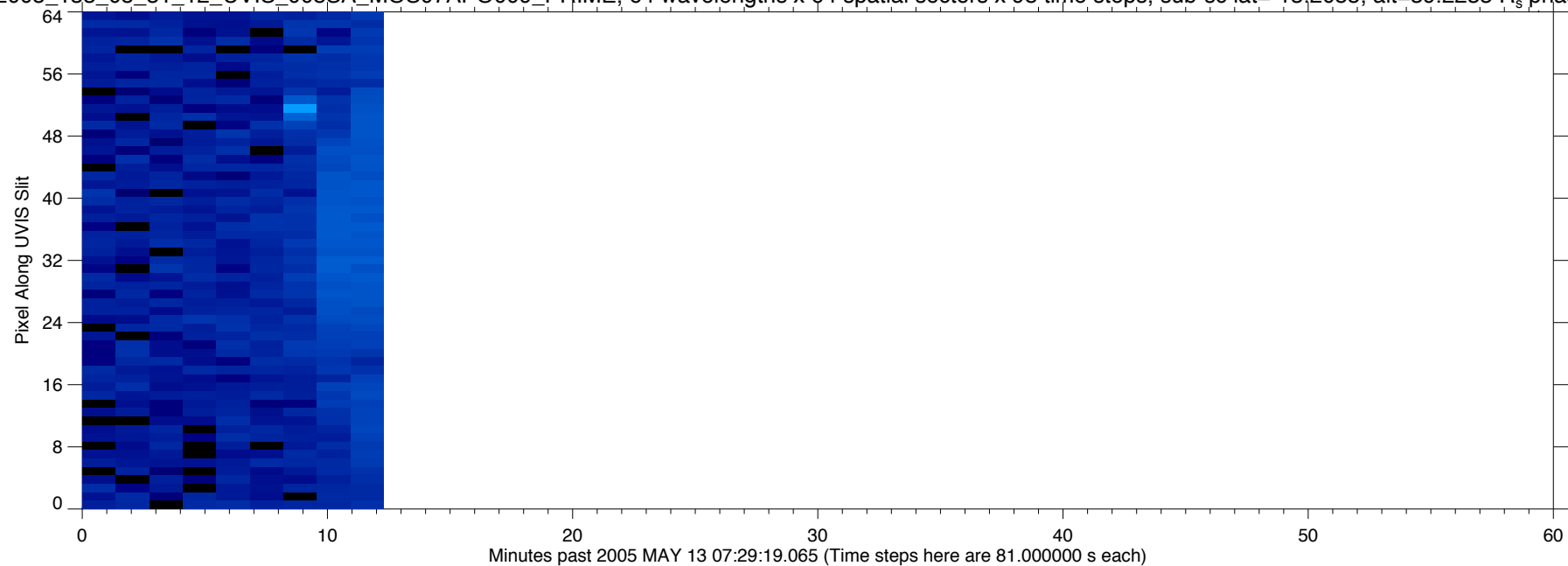
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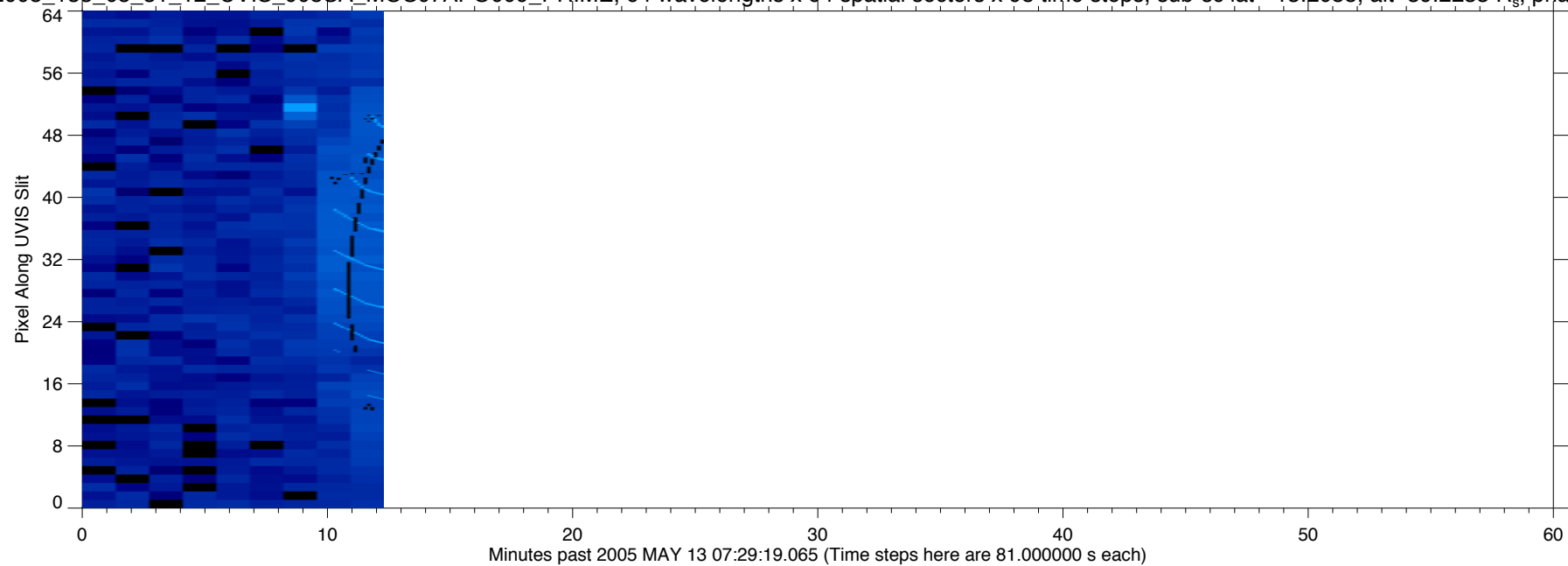
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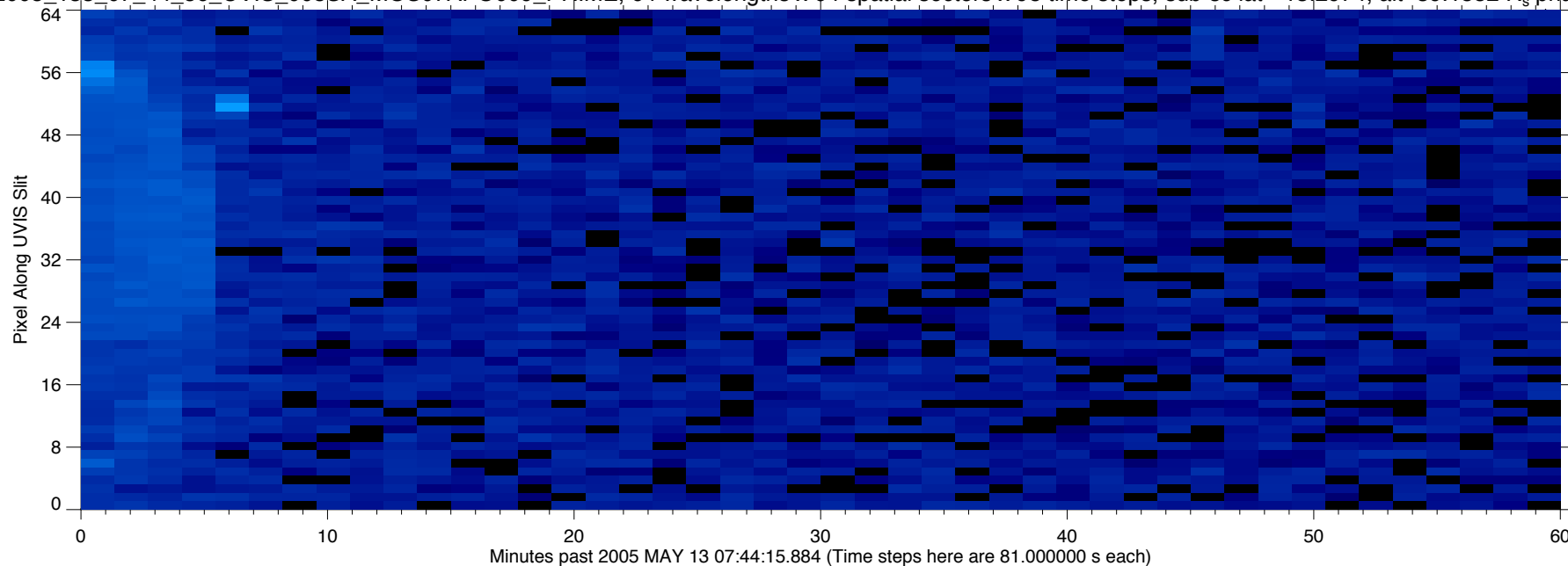
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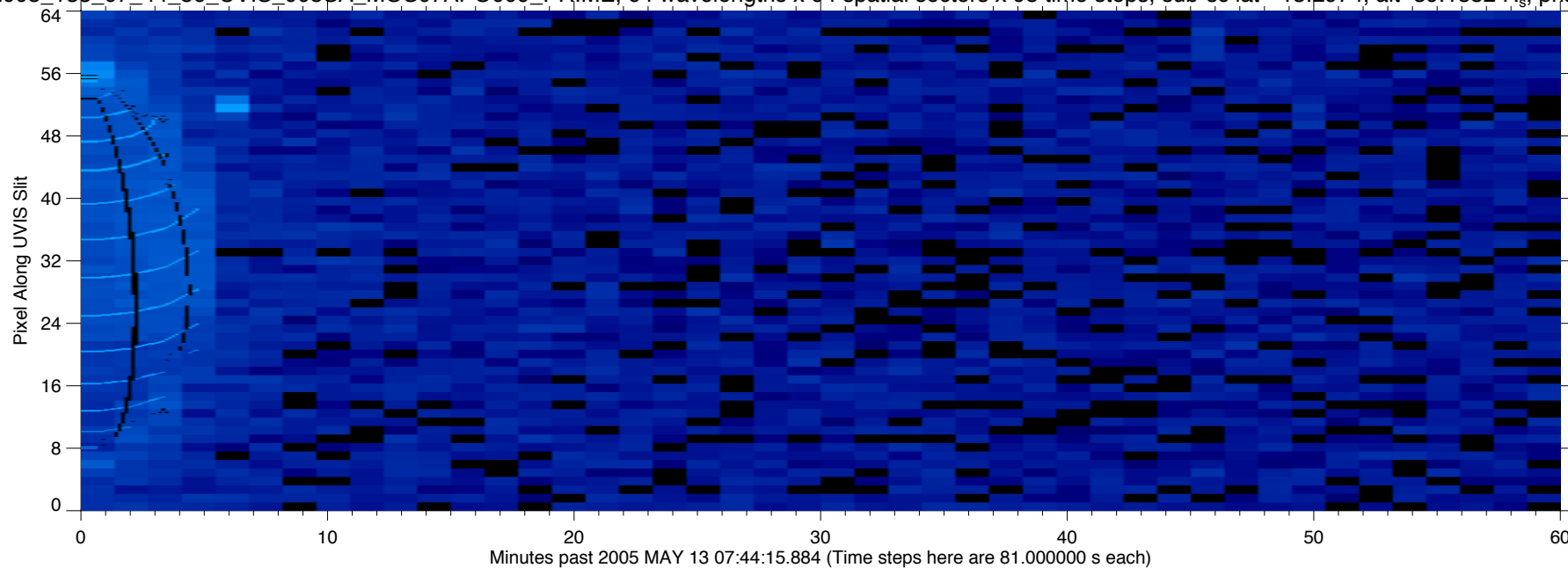
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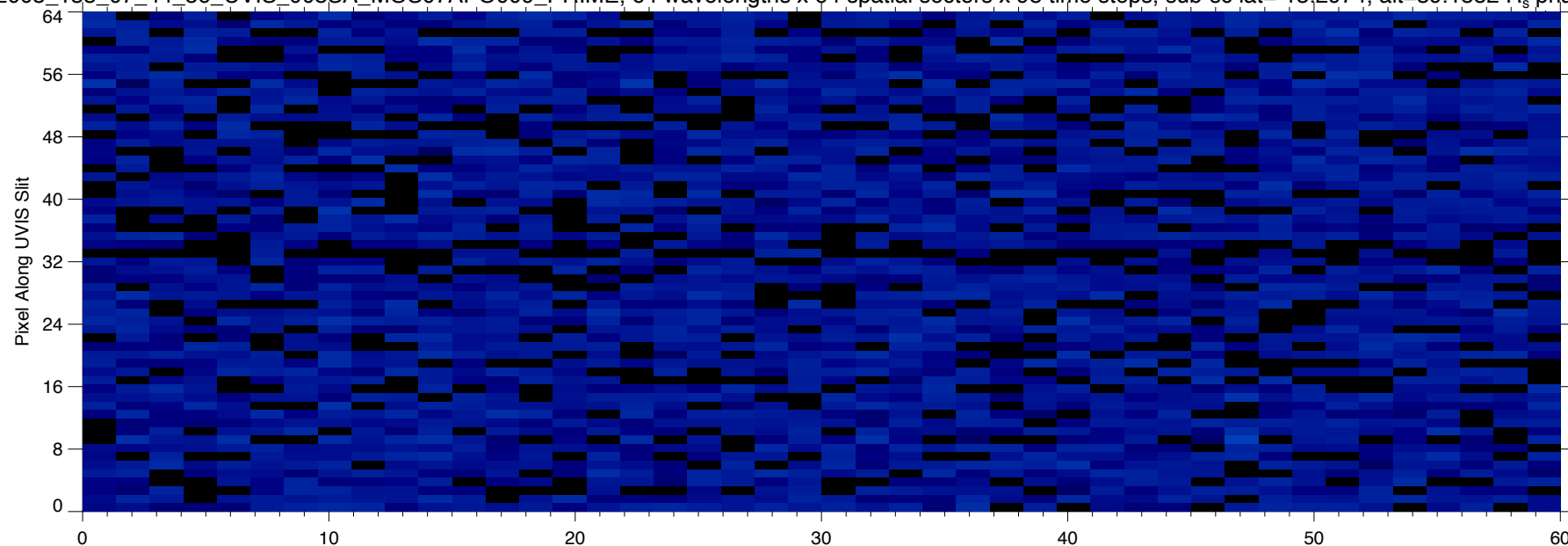
FUV2005_133_07_44_56_UVIS_008SA_MOS07APO009_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-13.2974, alt=39.1552 R_s, phase=61.6786



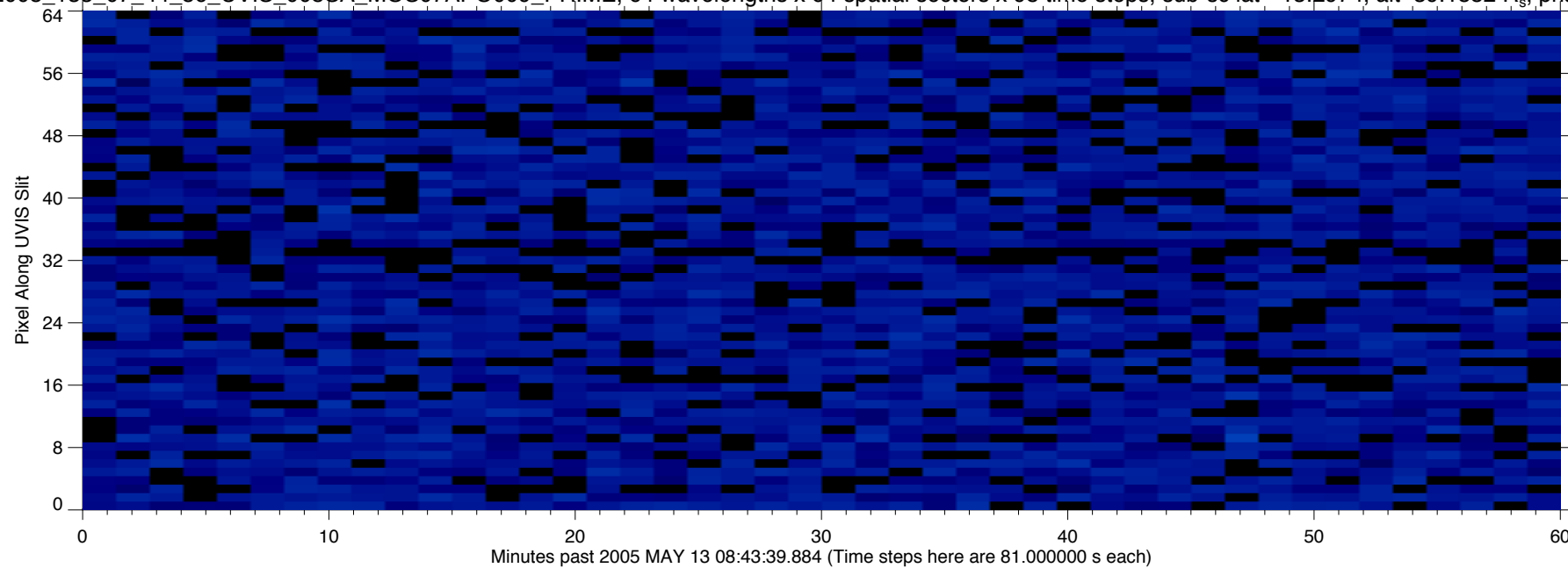
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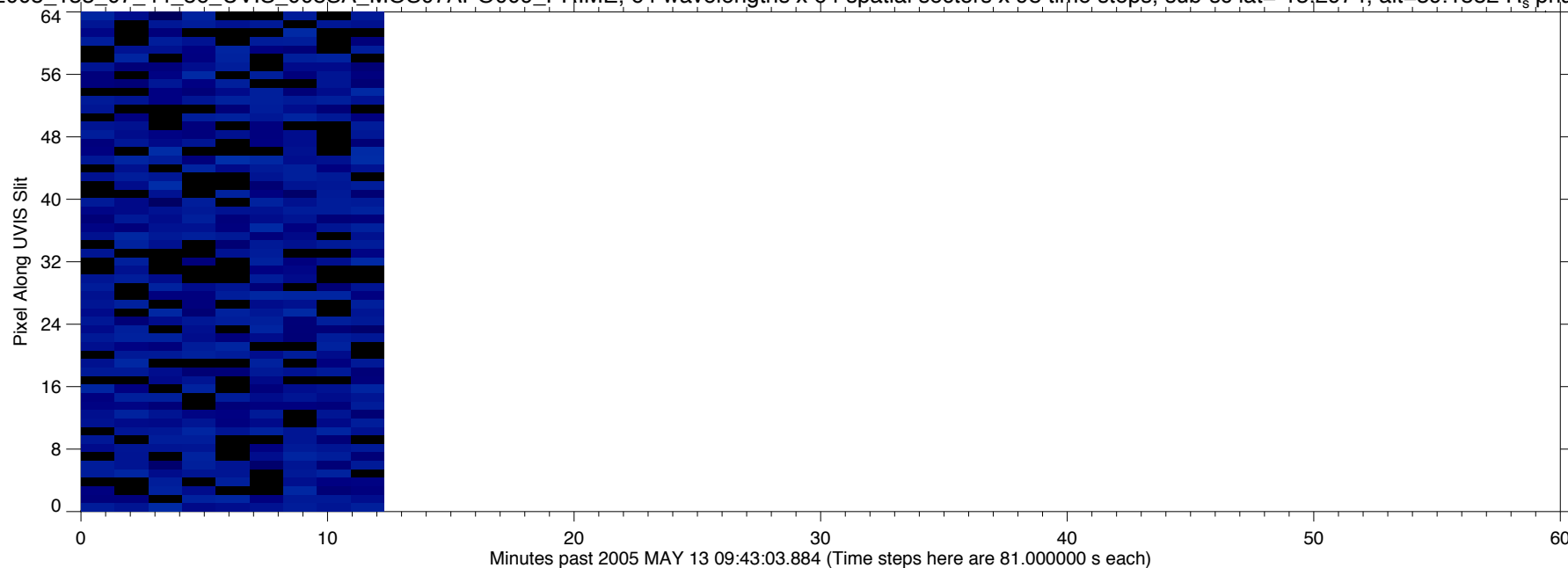
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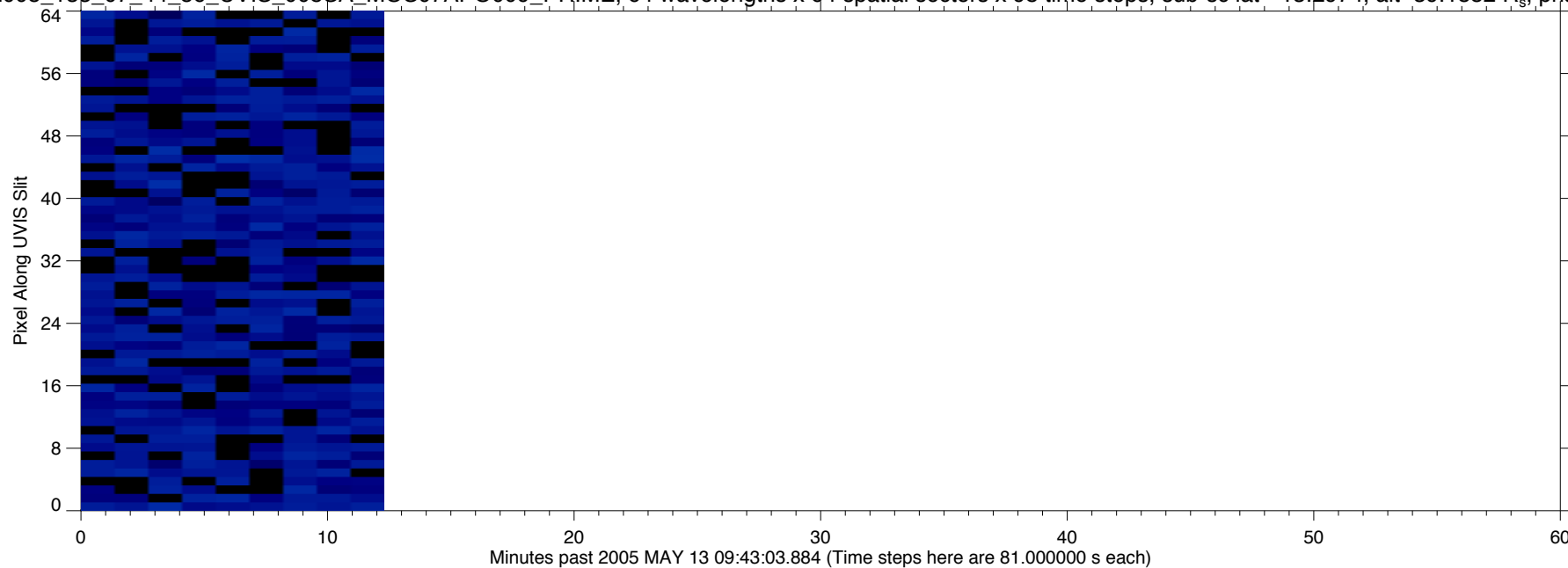
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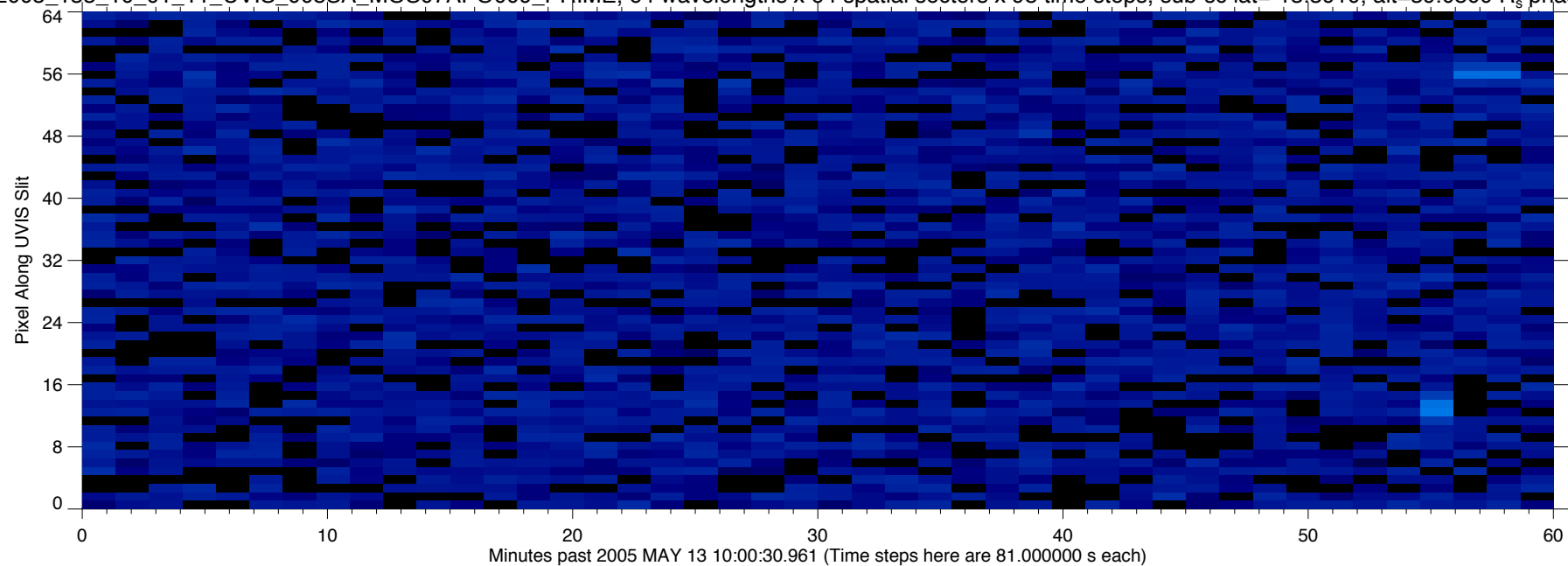
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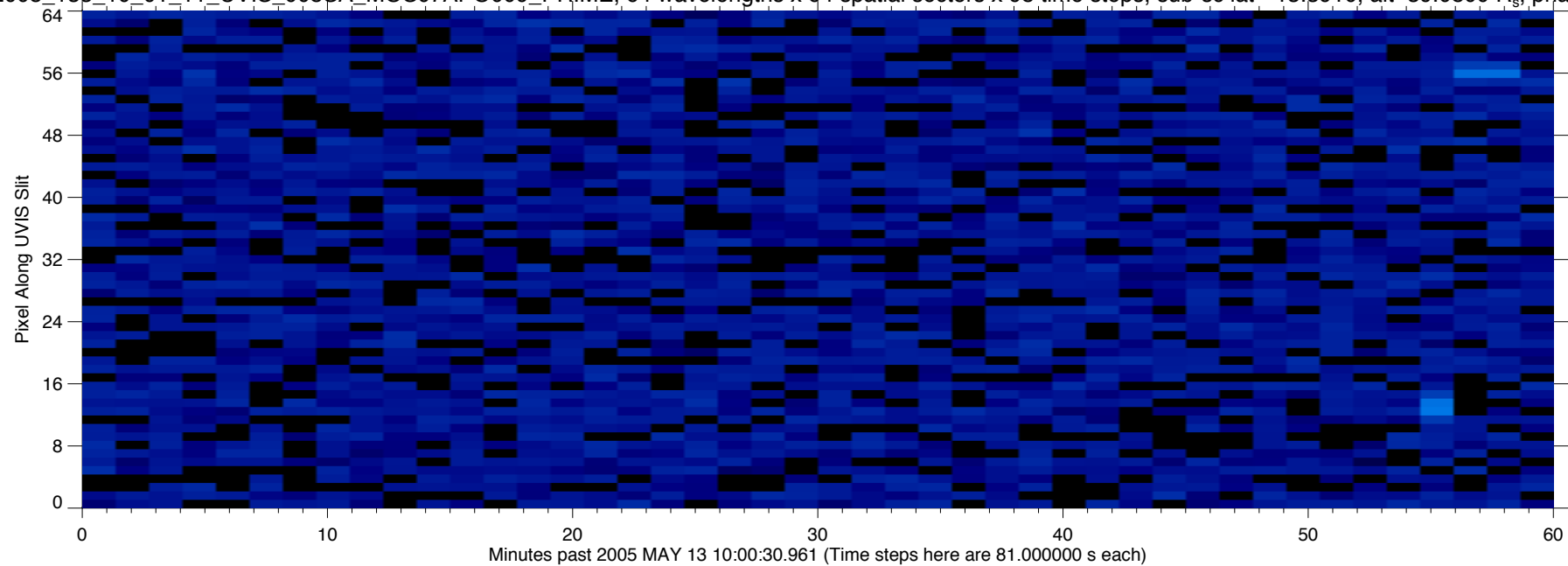
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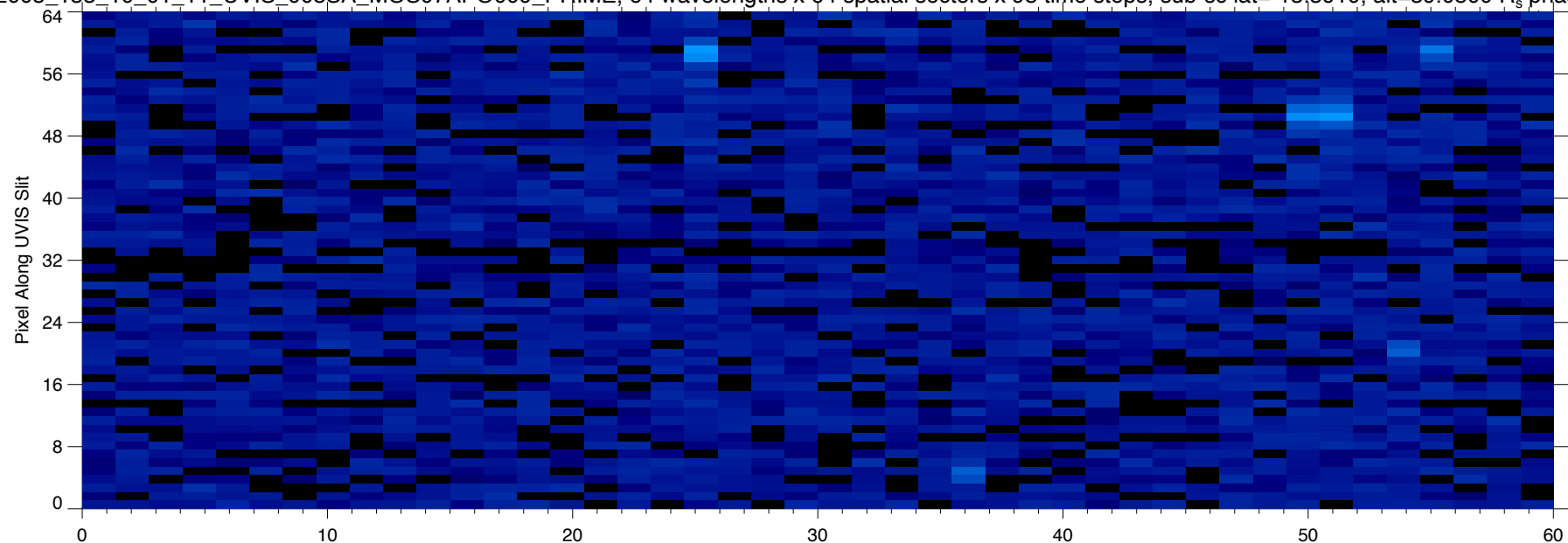
FUV2005_133_10_01_11_UVIS_008SA_MOS07APO009_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-13.3910, alt=39.0800 R_s phase=61.3717



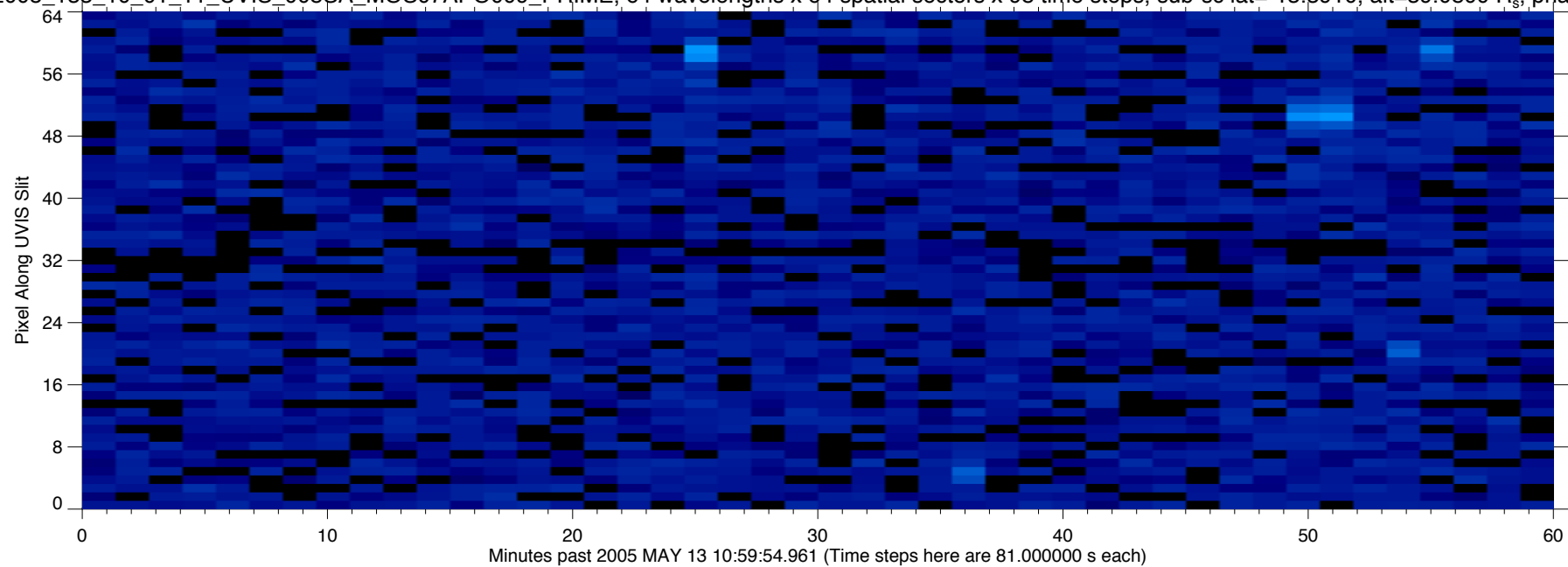
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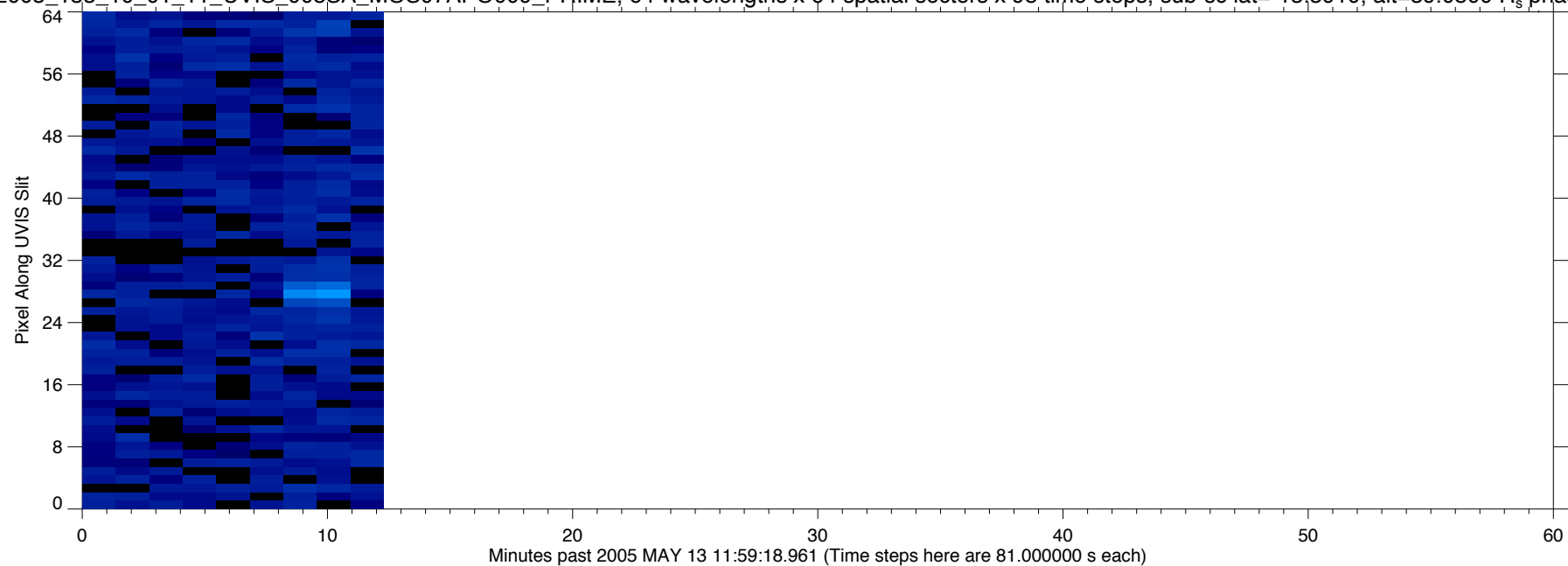
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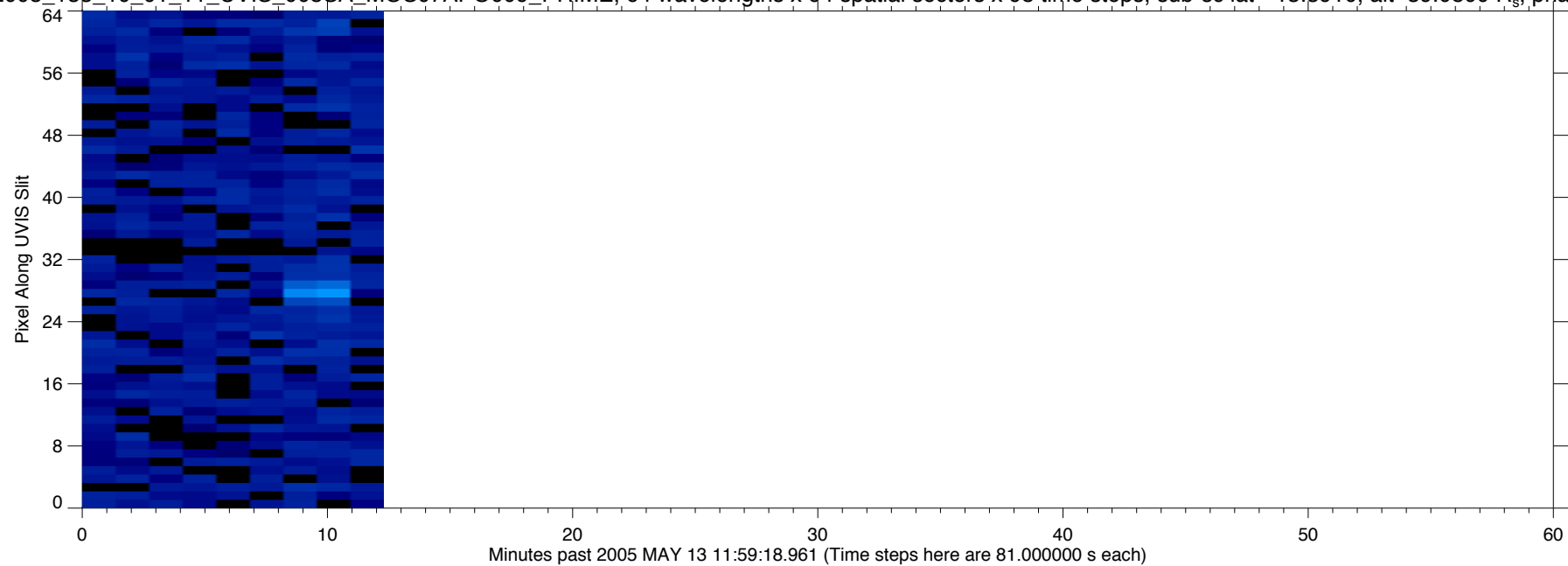
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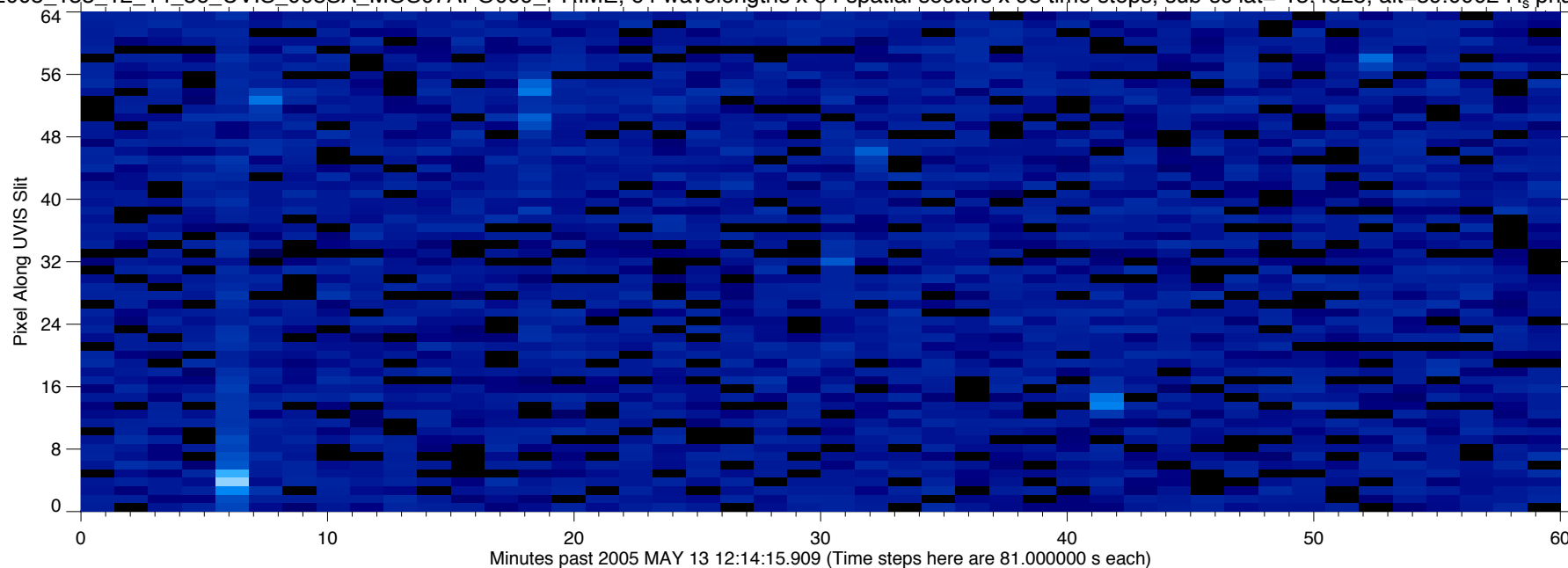
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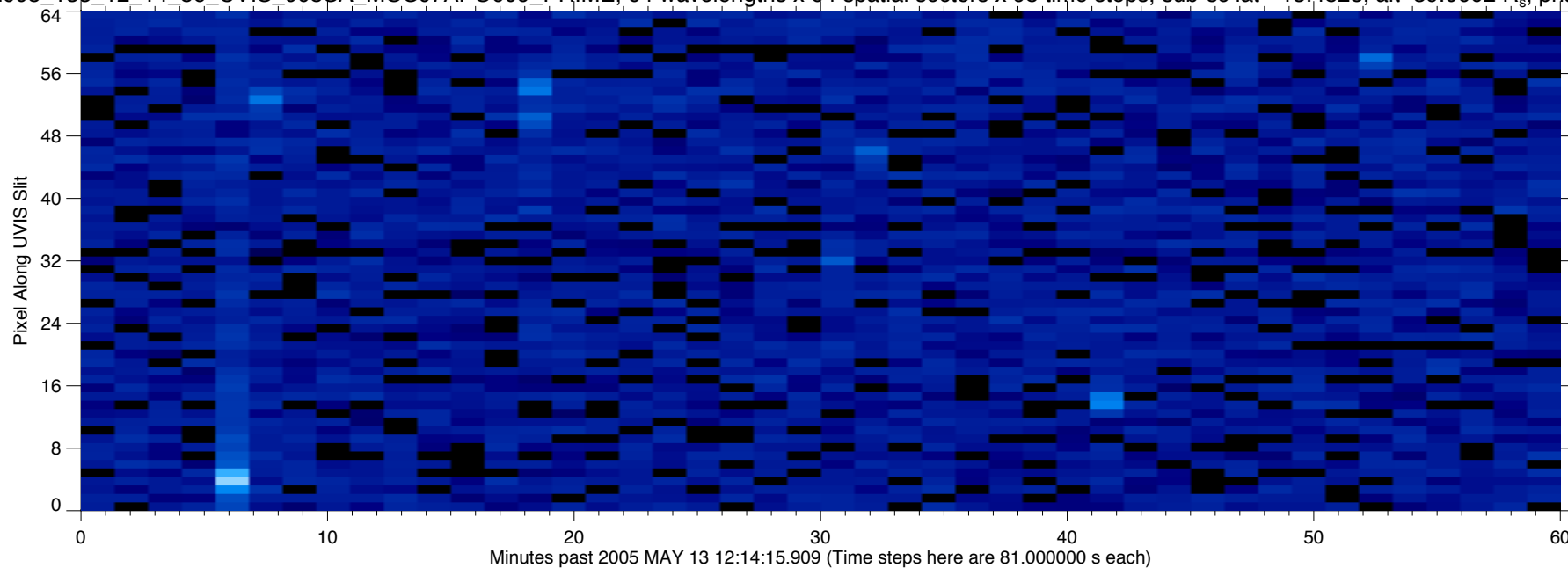
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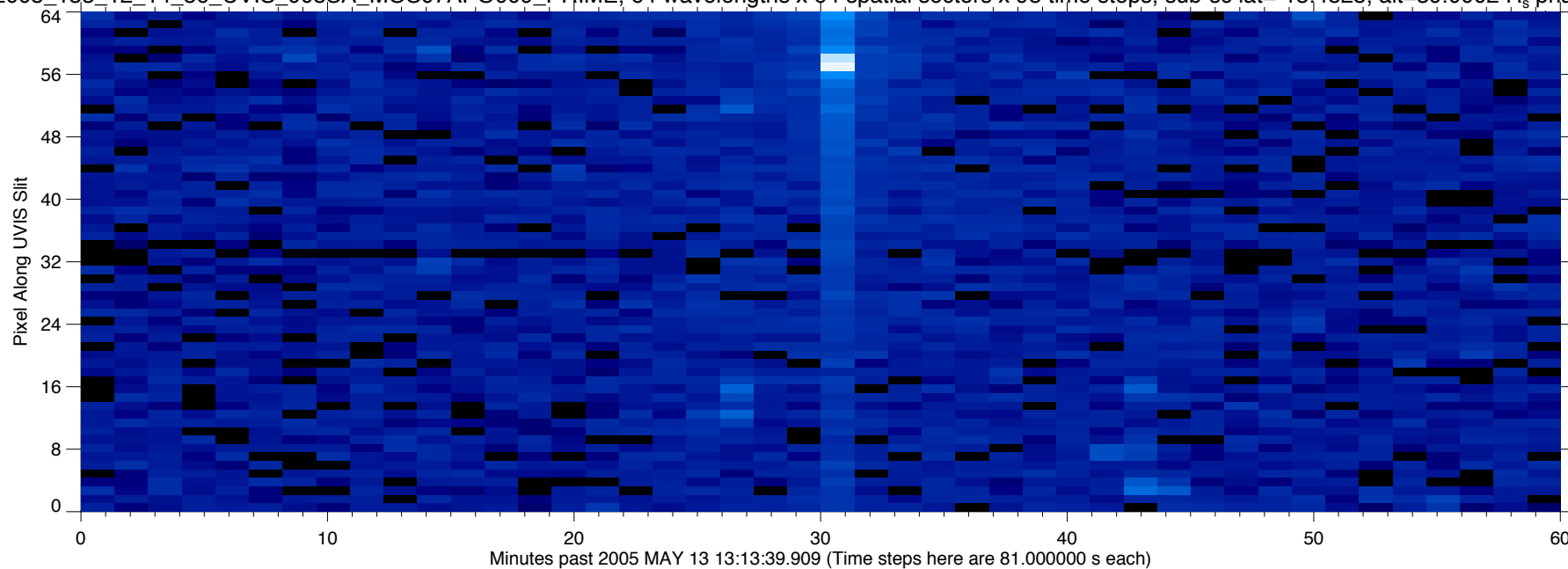
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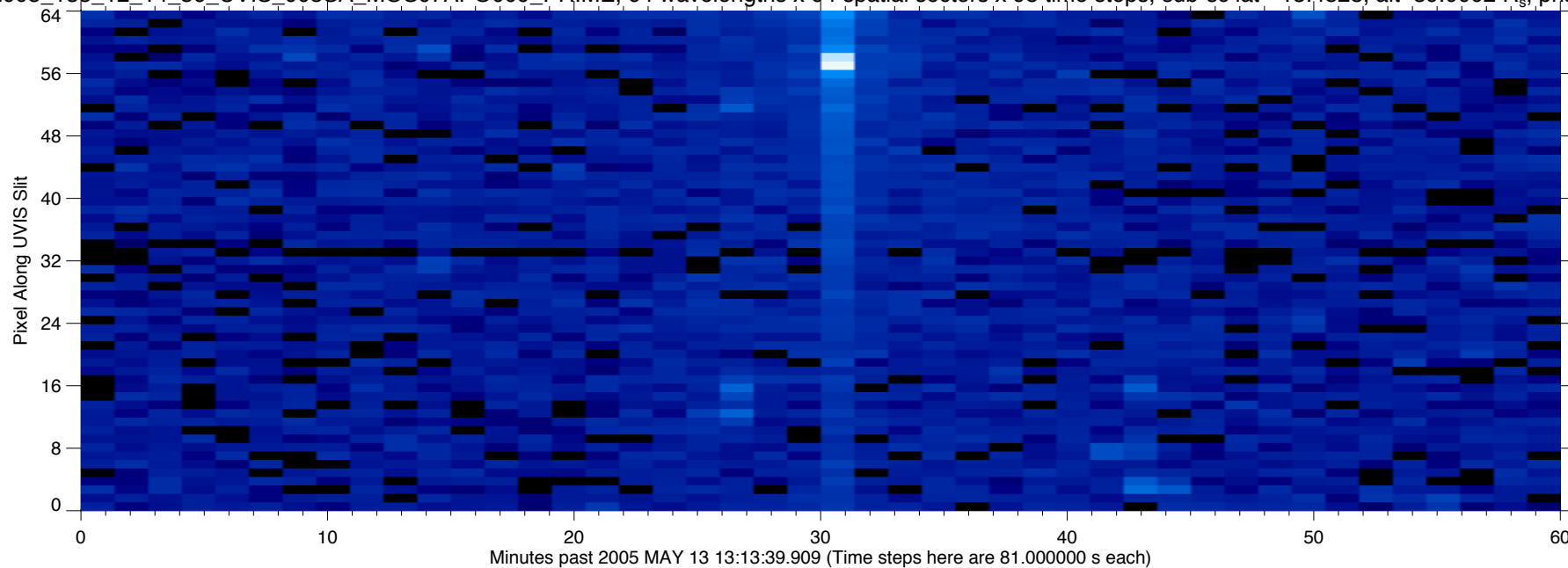
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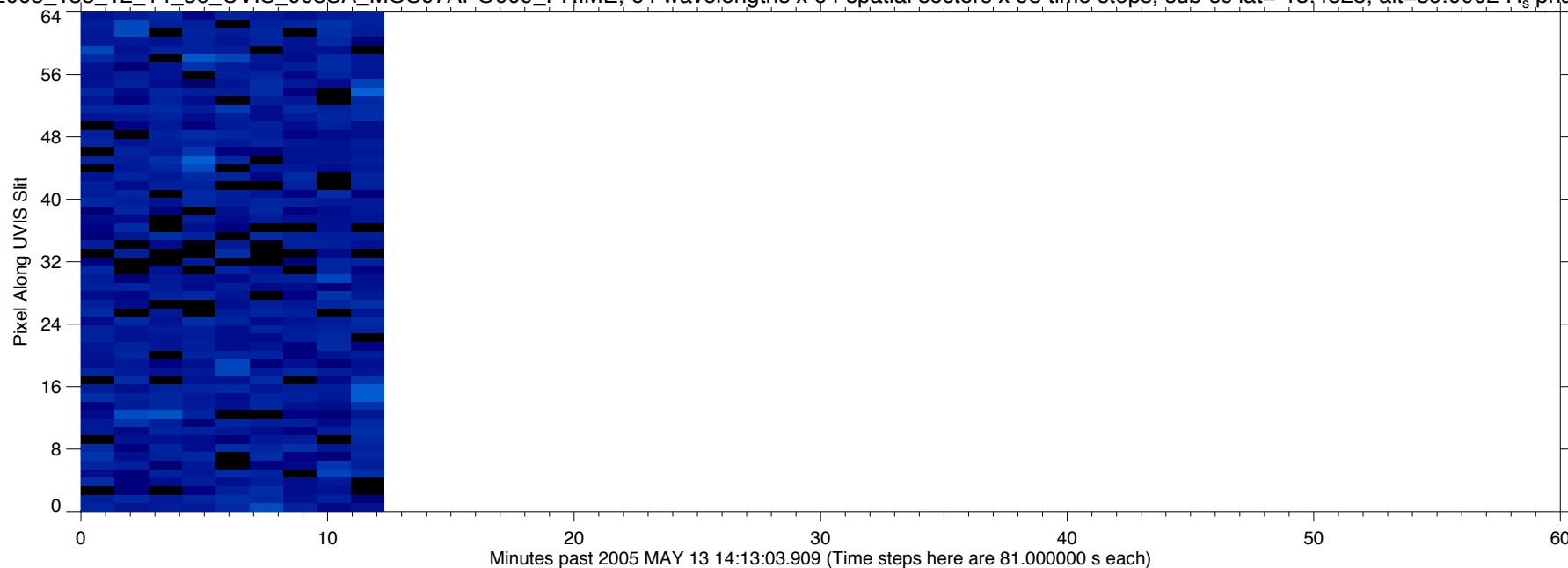
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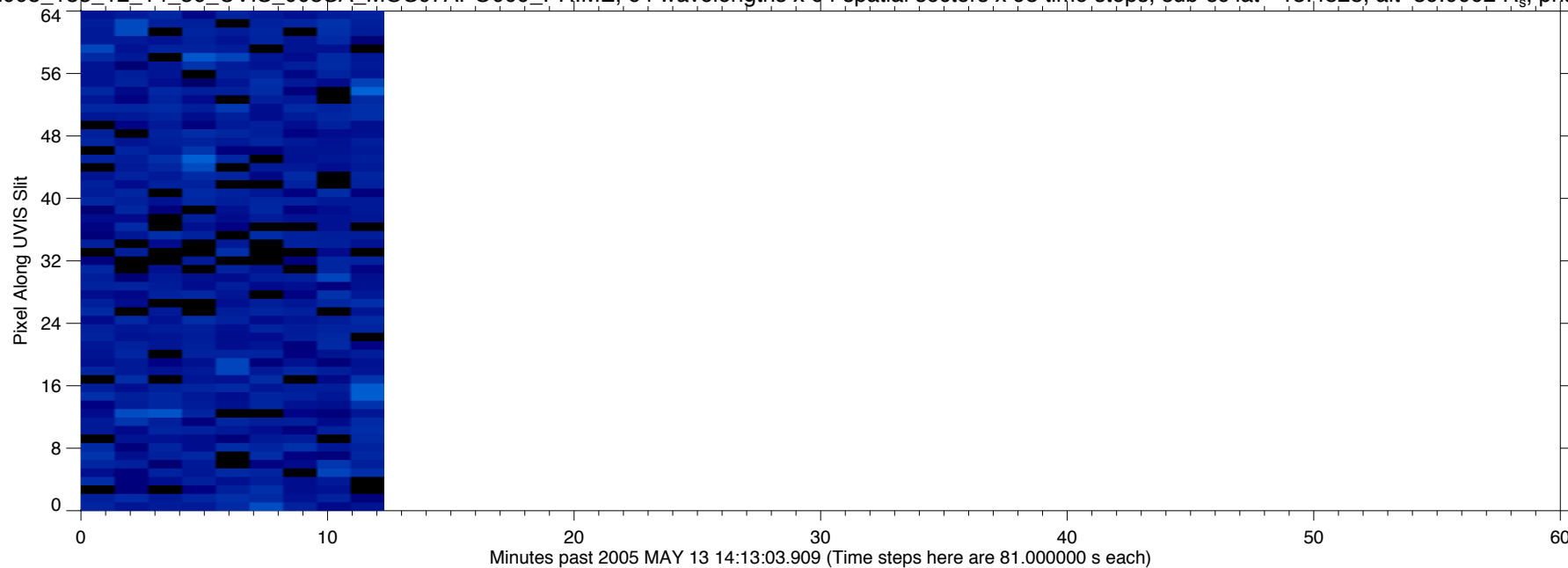
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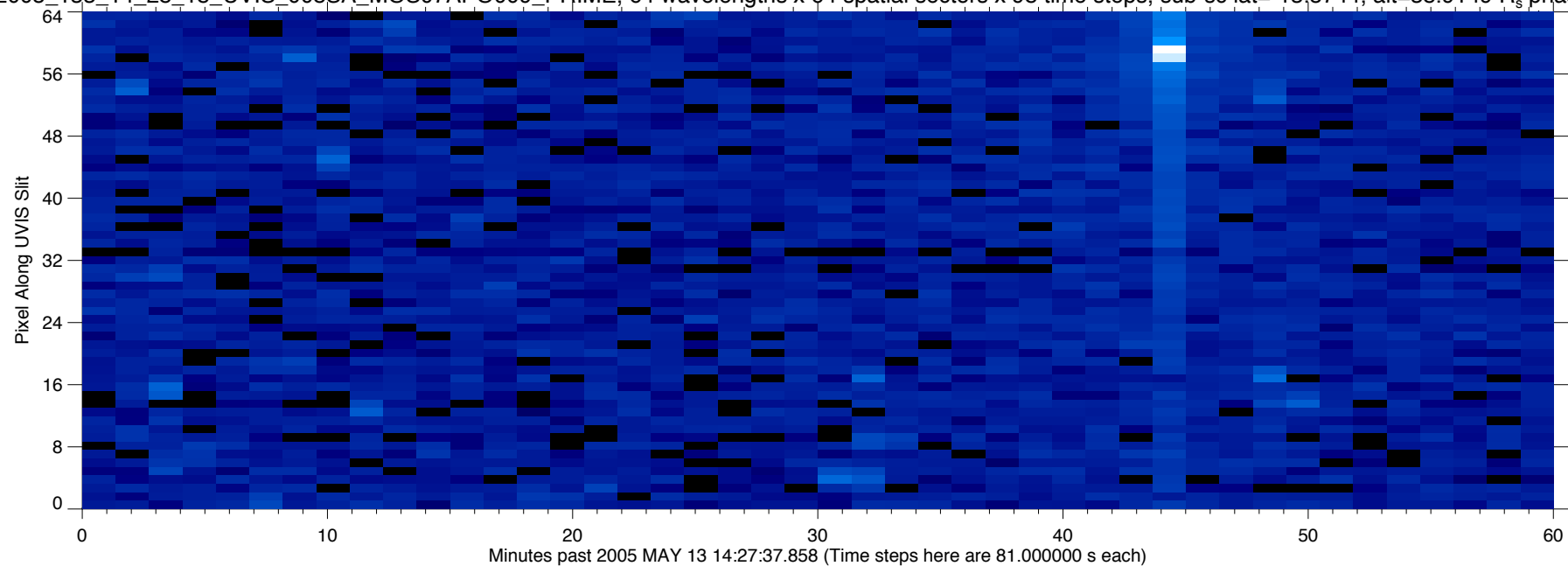
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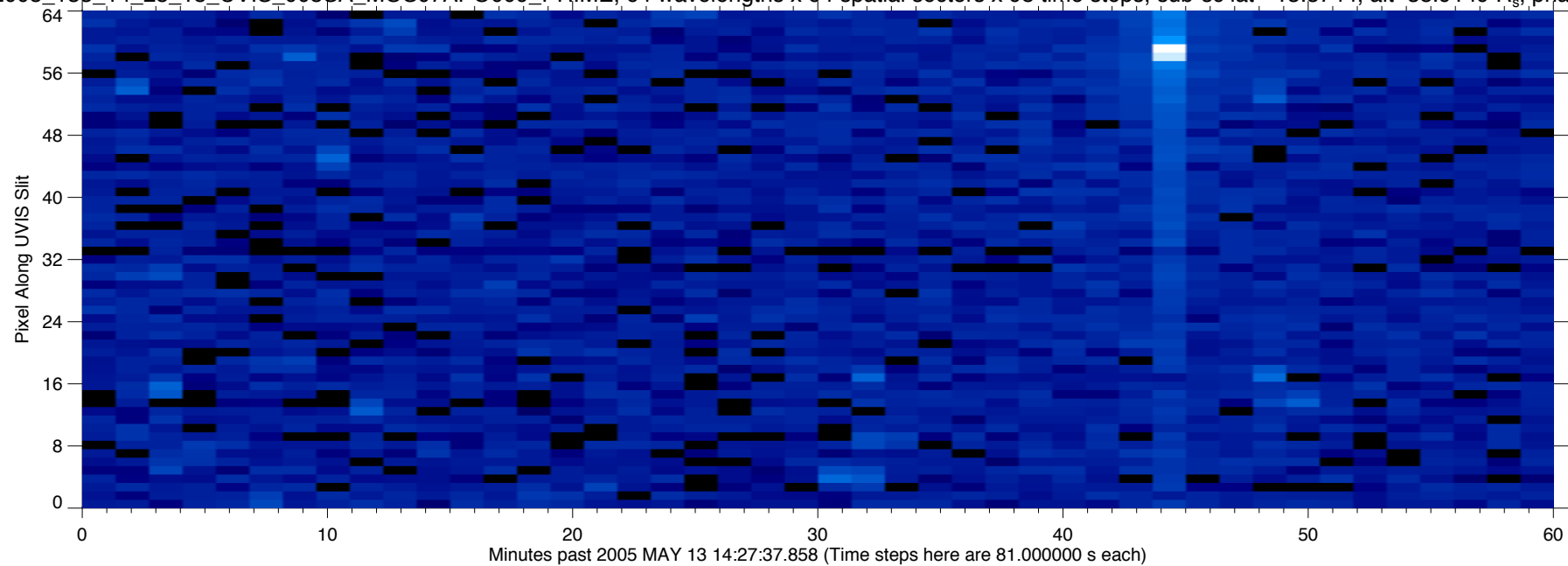
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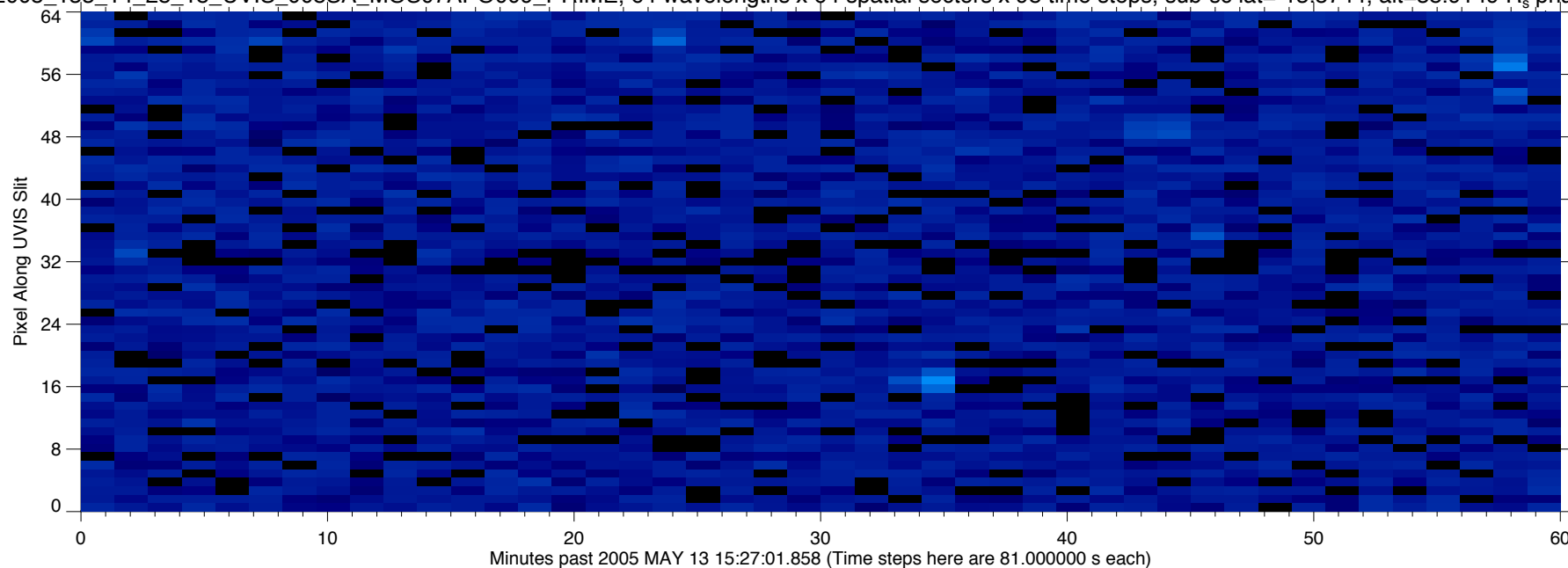
FUV2005_133_14_28_18_UVIS_008SA_MOS07APO009_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-13.5744, alt=38.9149 R_s phase=60.7663



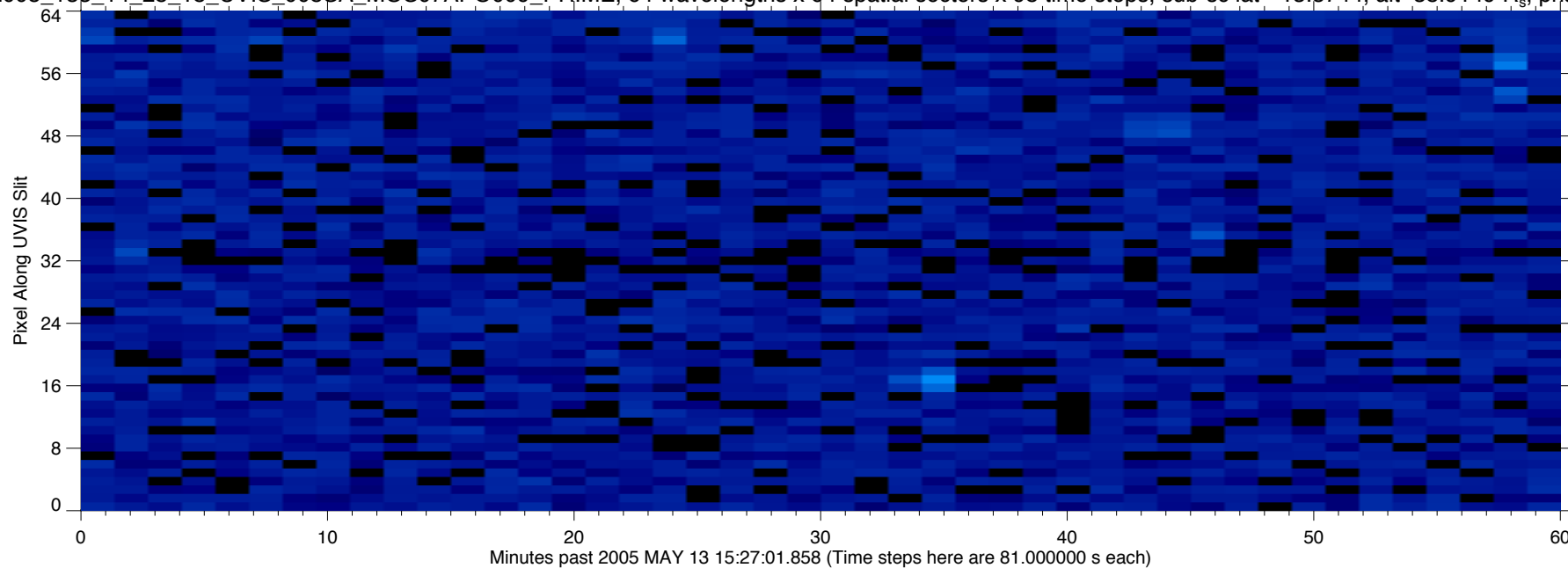
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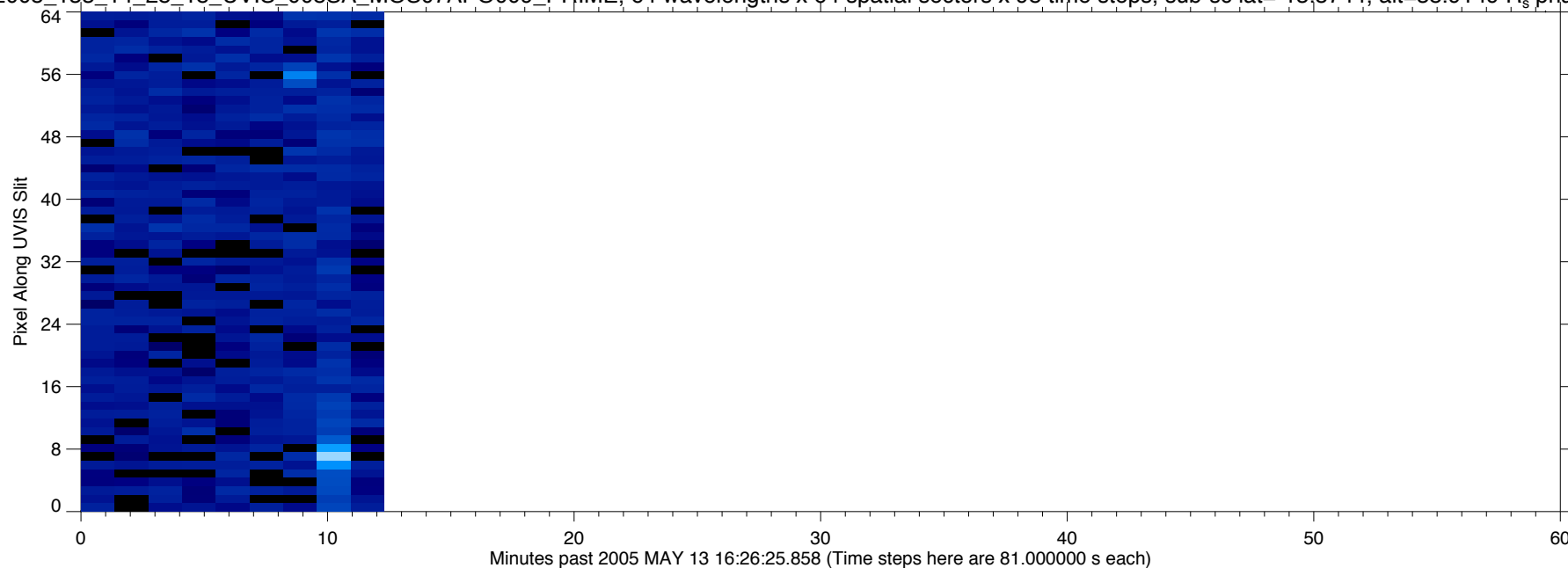
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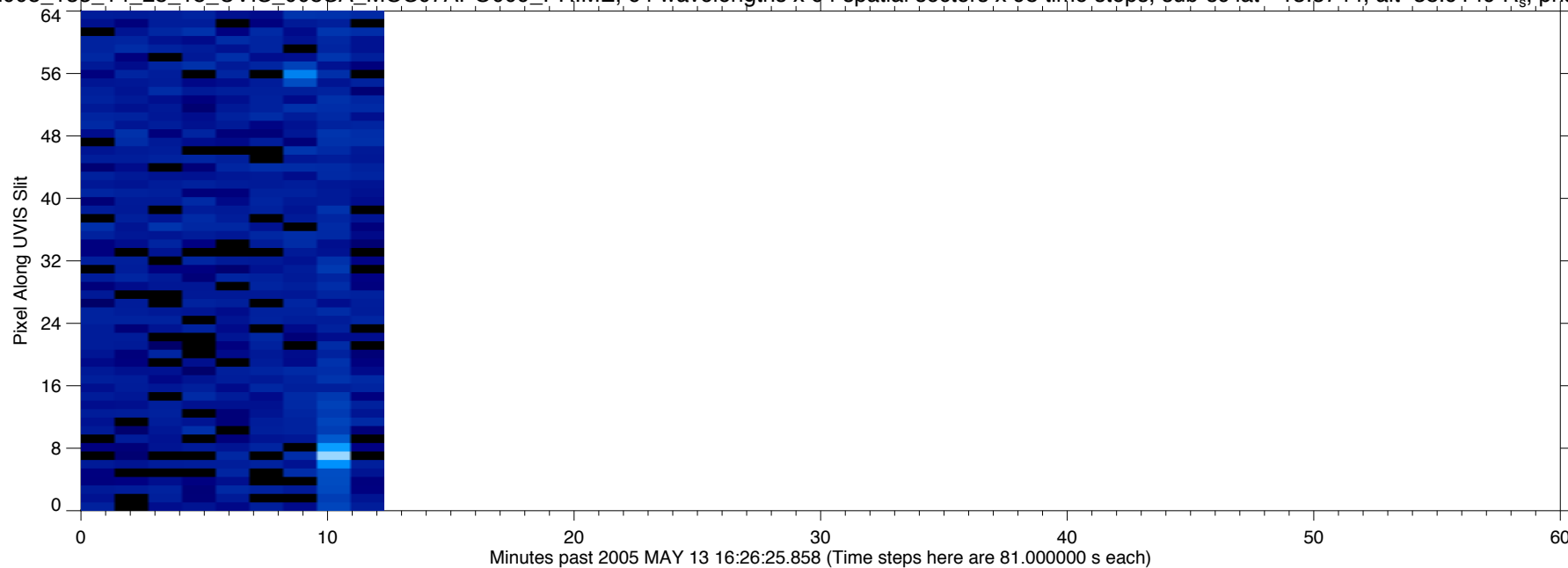
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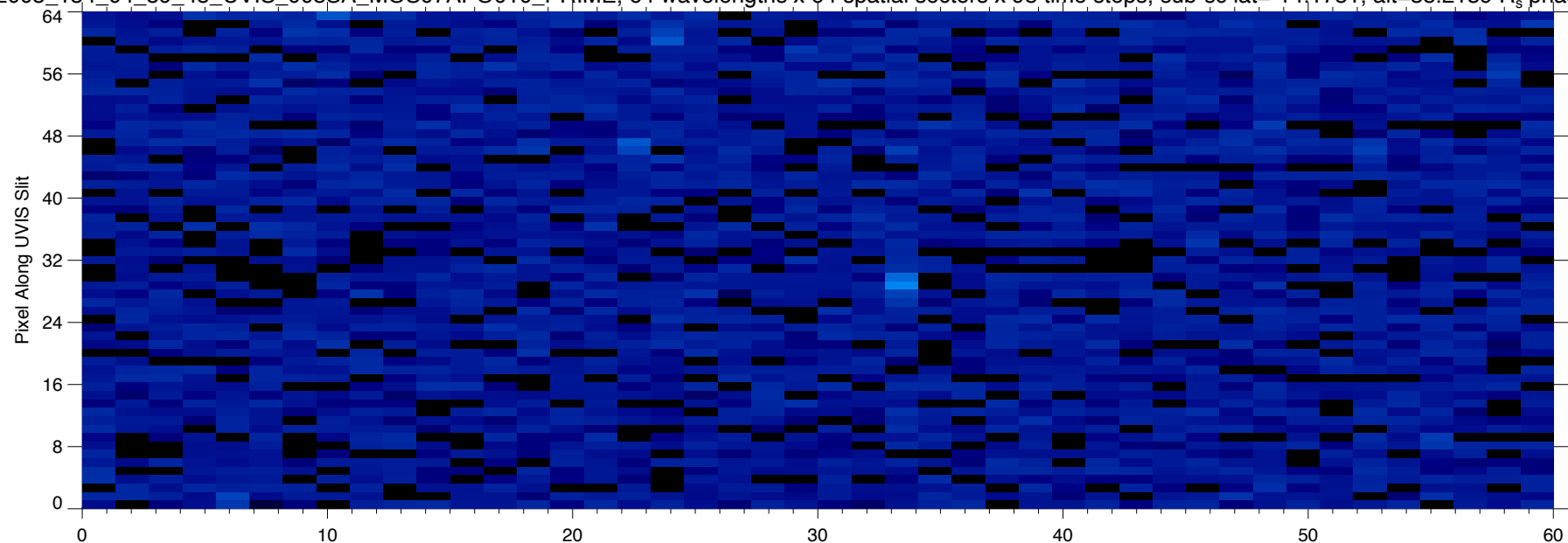
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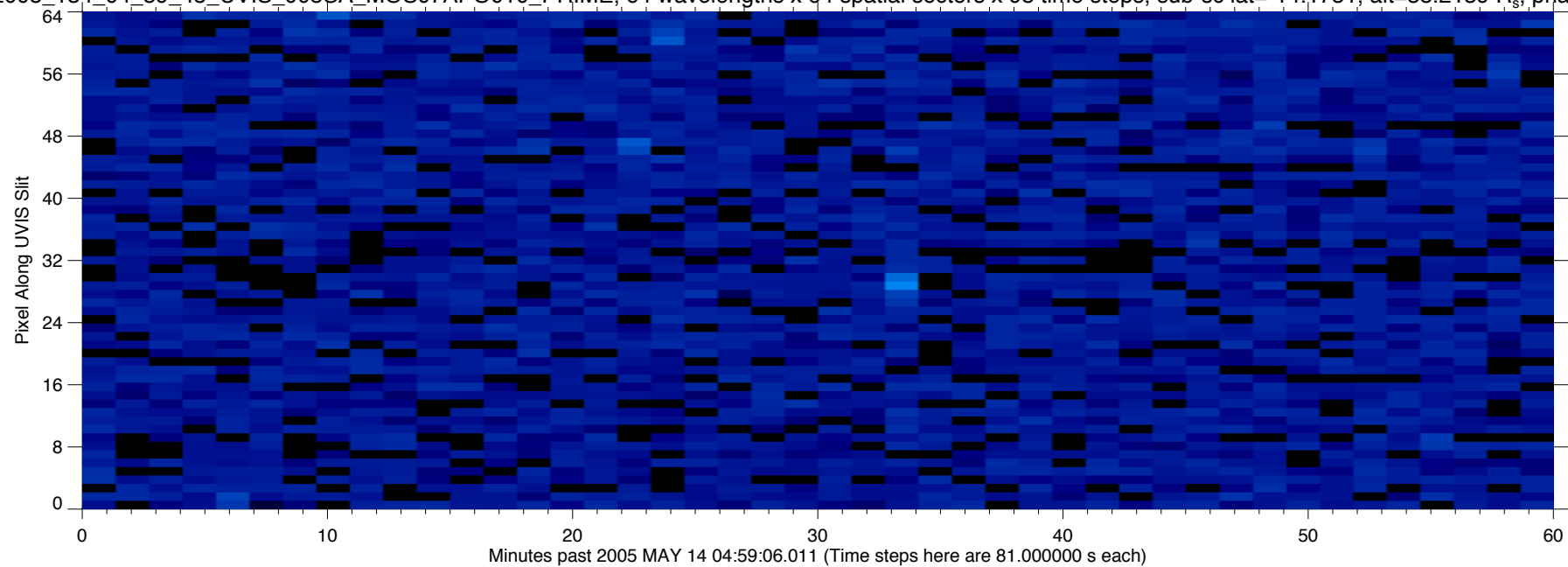
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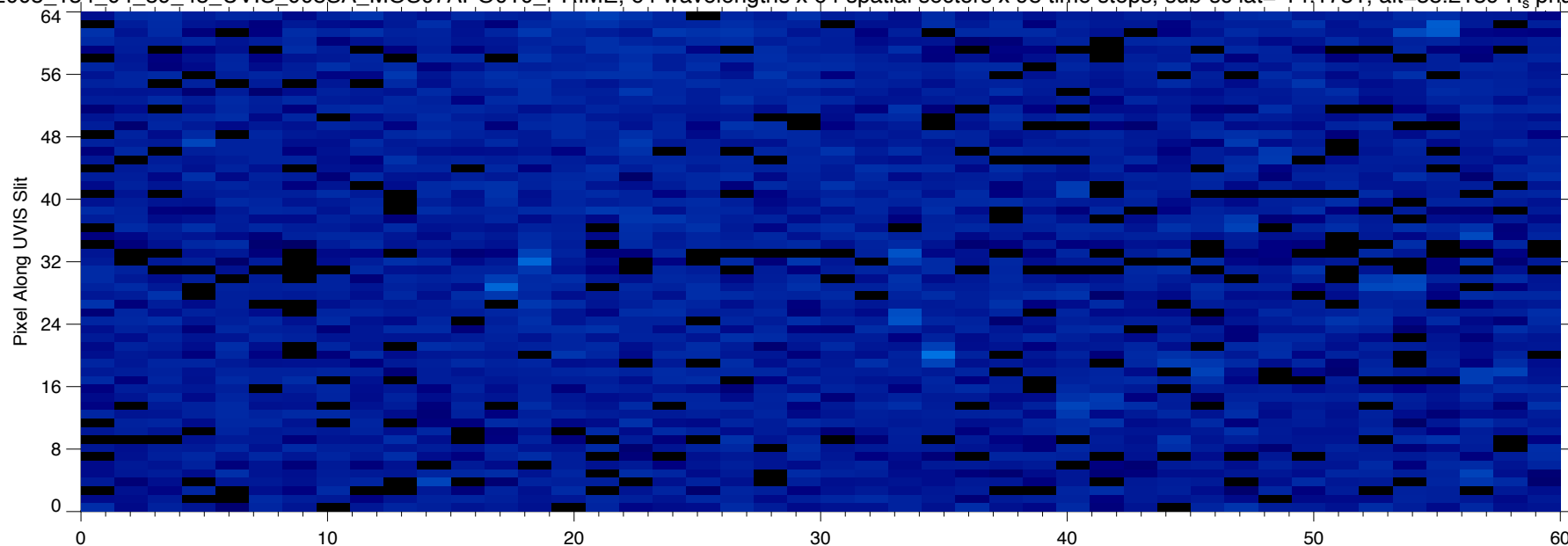
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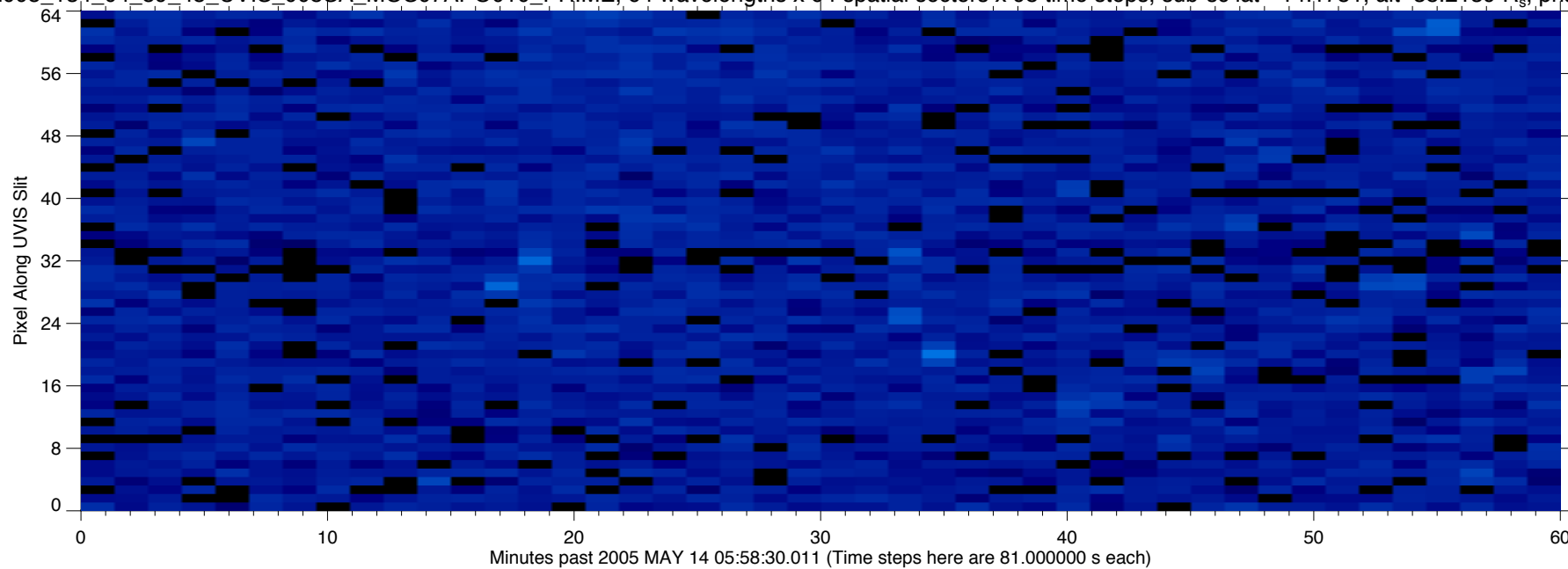
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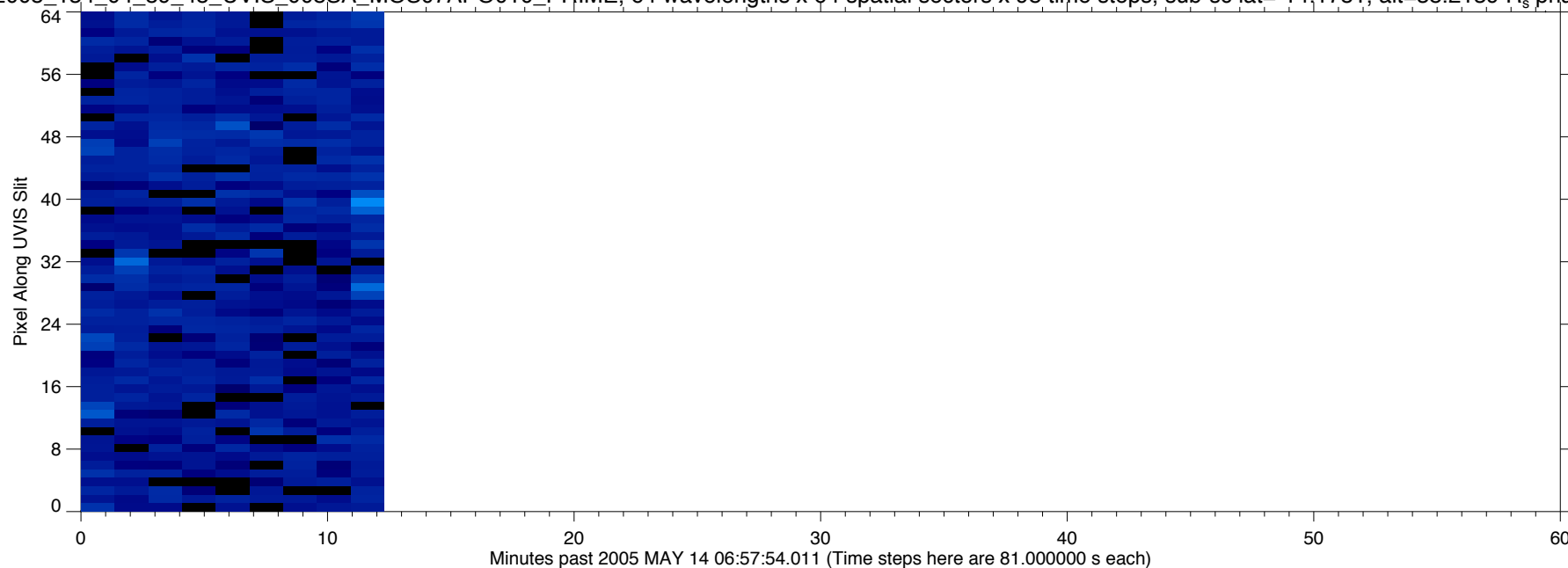
FUV2005_134_04_59_45_UVIS_008SA_MOS07APO010_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-14.1751, alt=38.2139 R_s, phase=58.7490



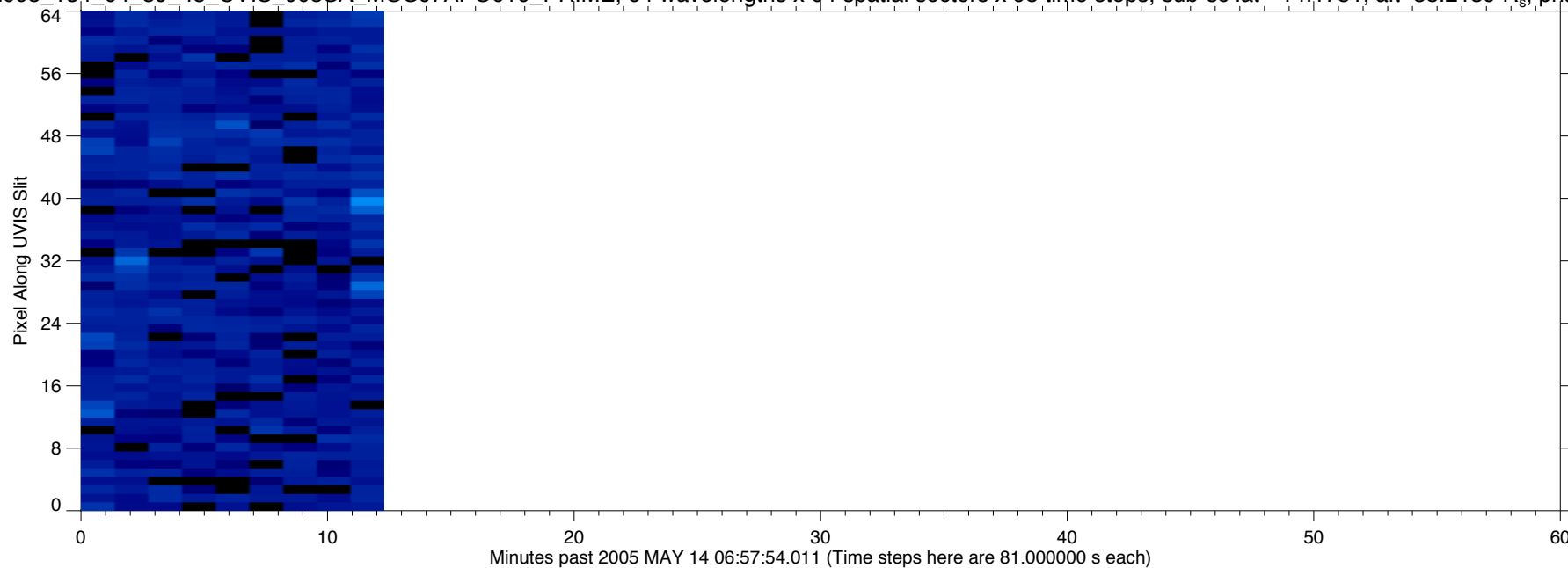
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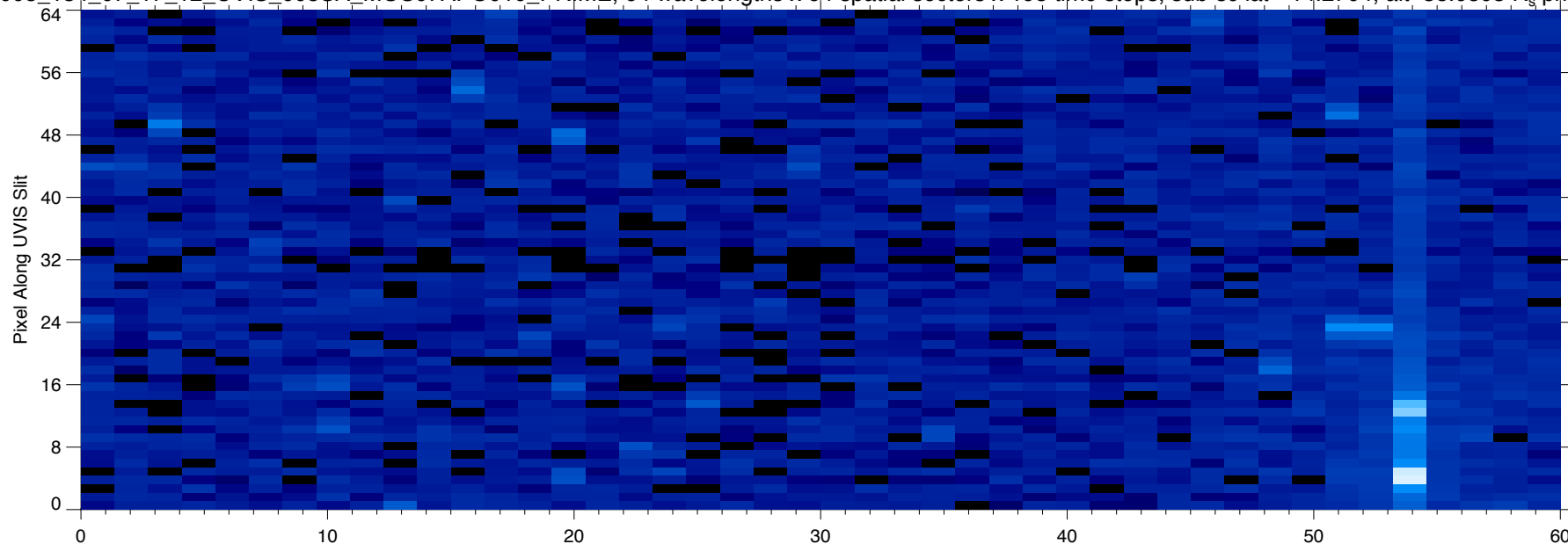
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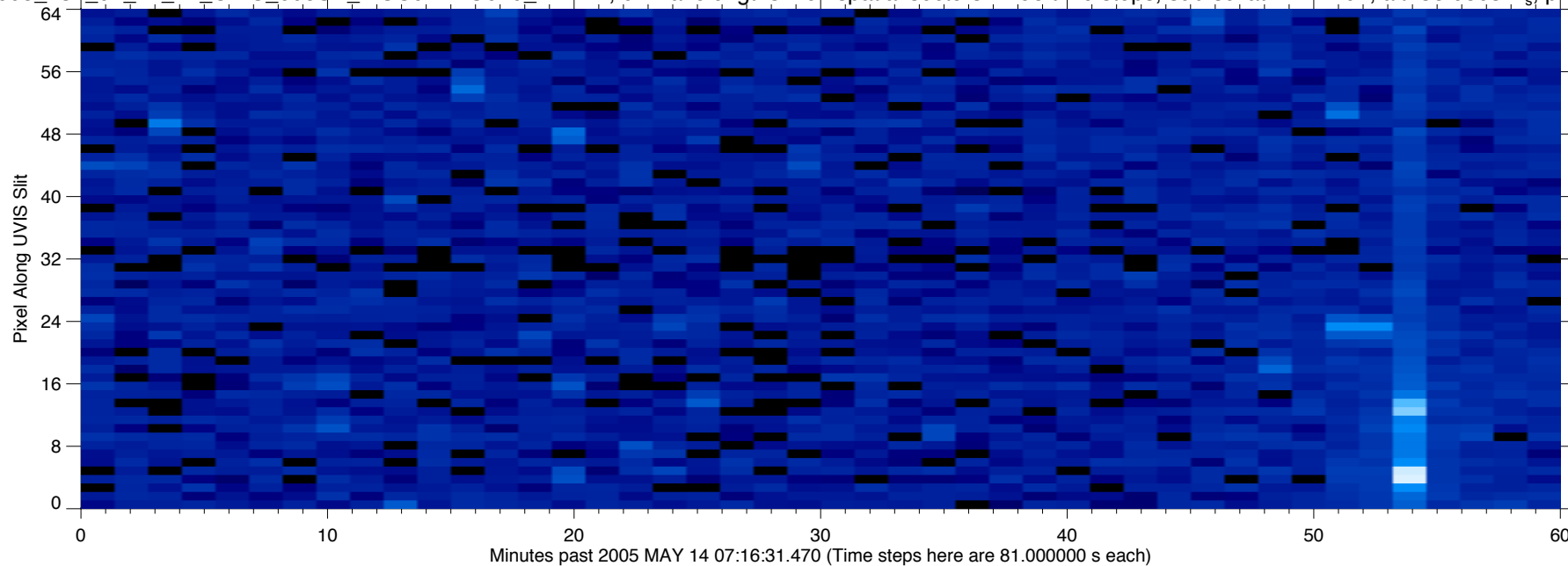
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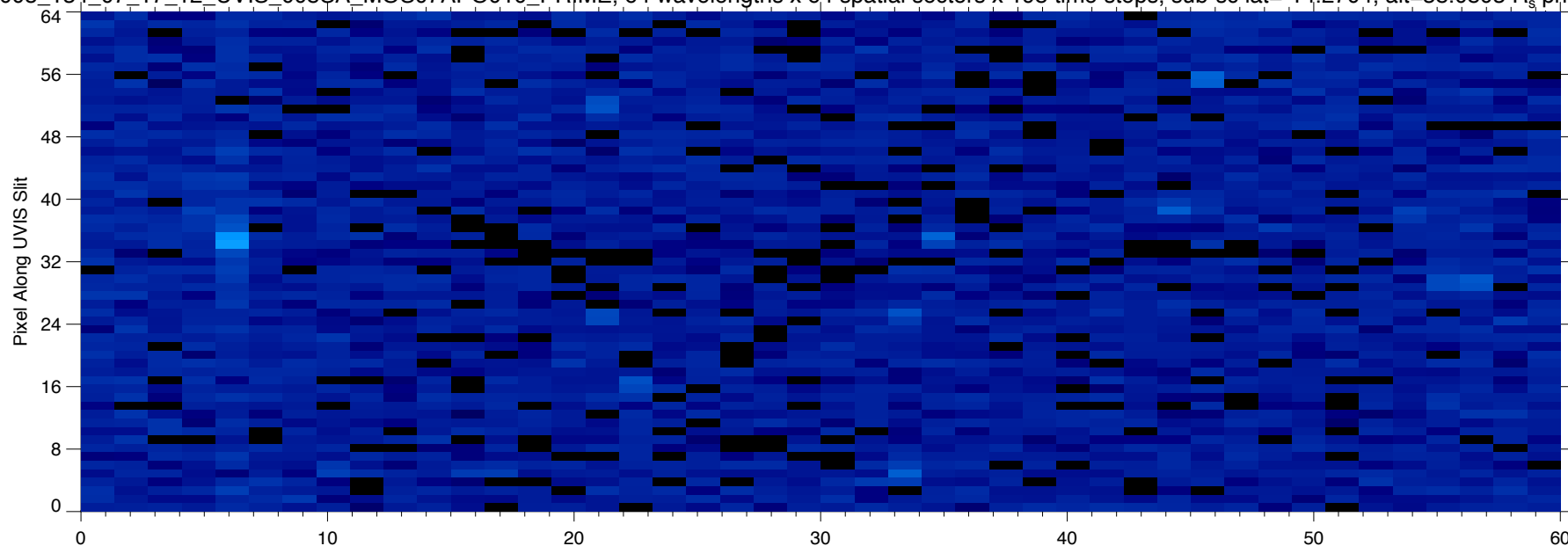
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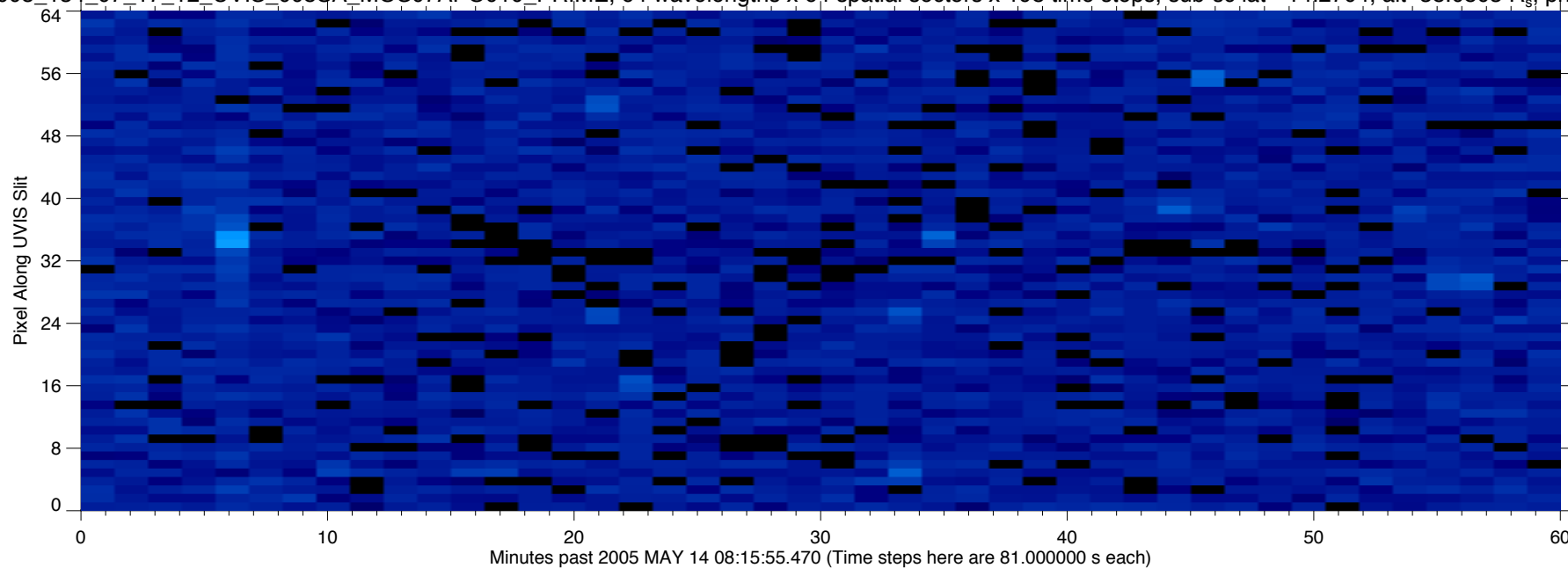
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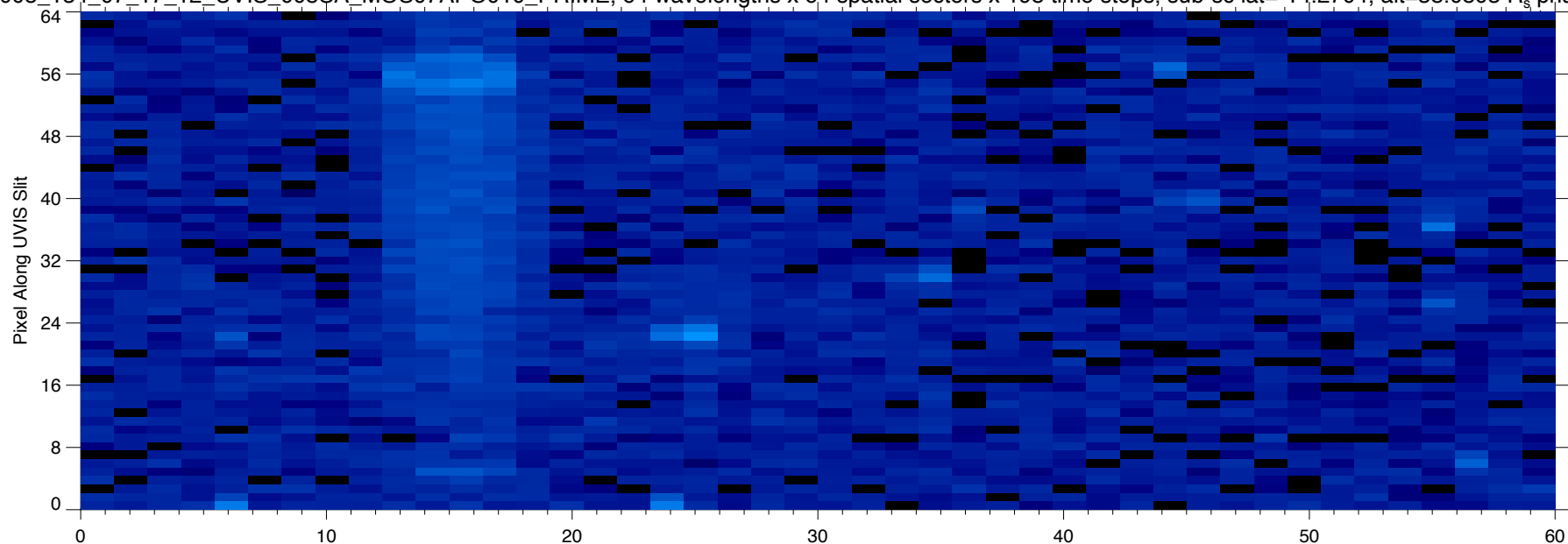
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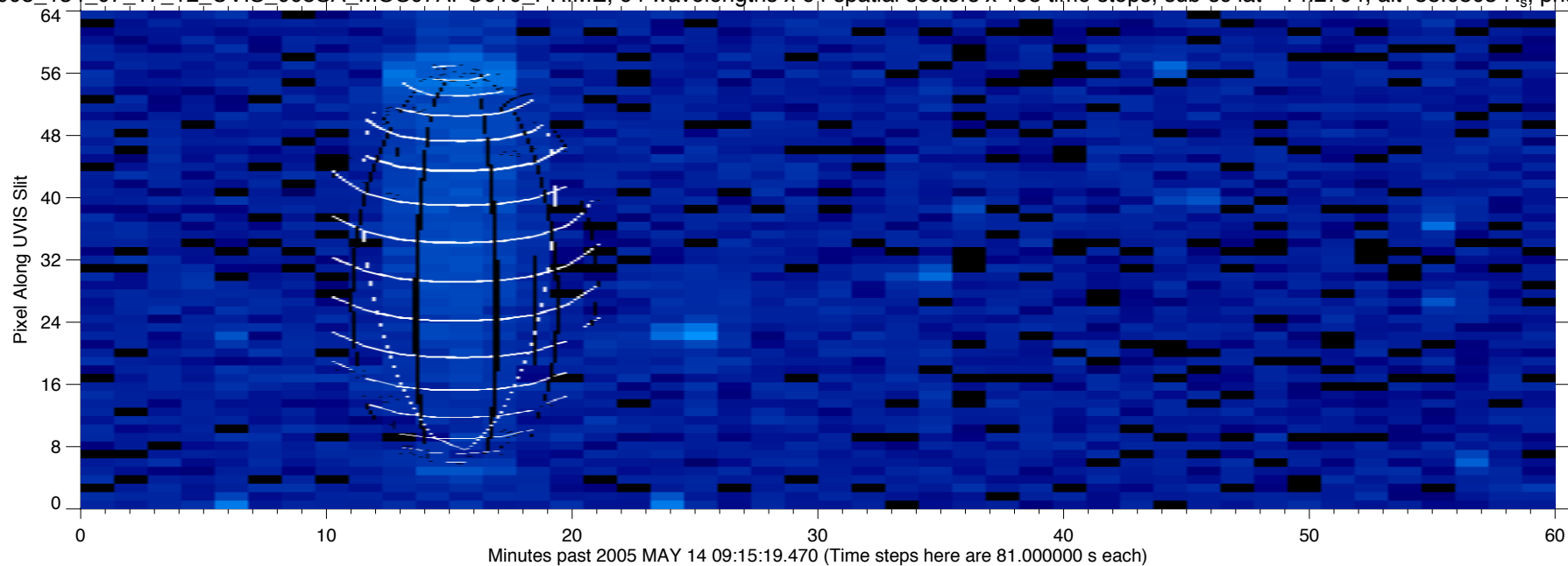
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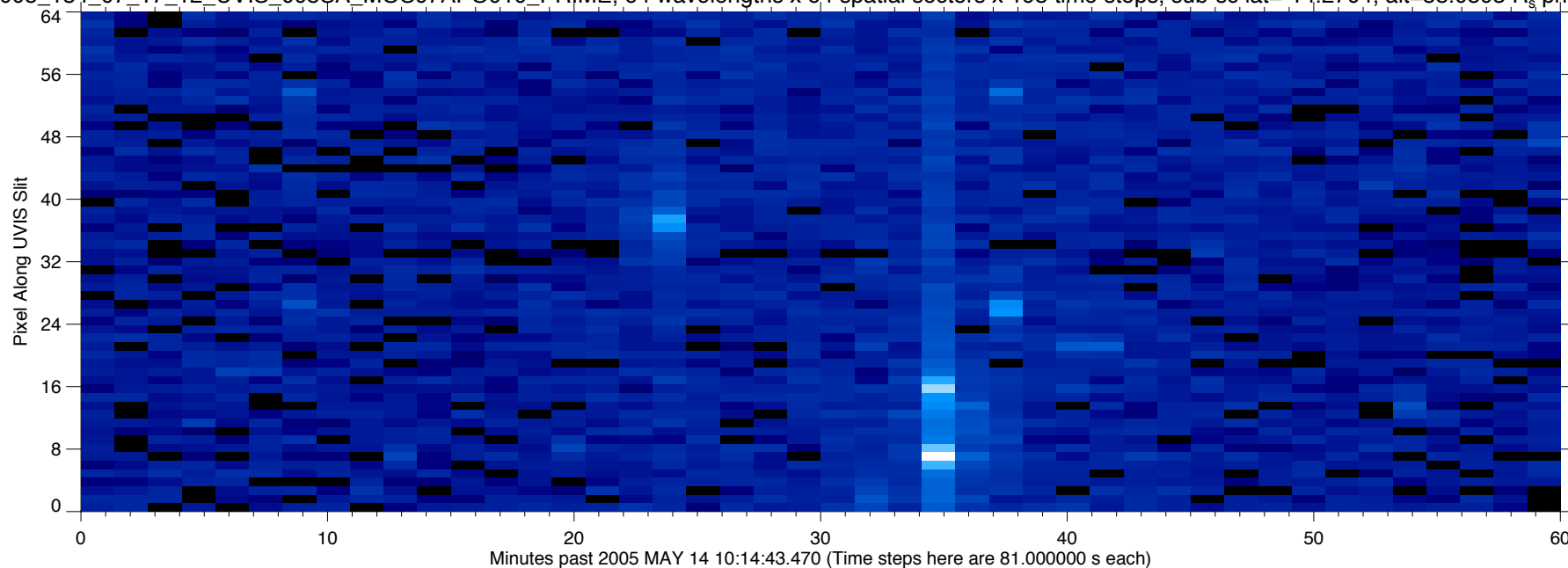
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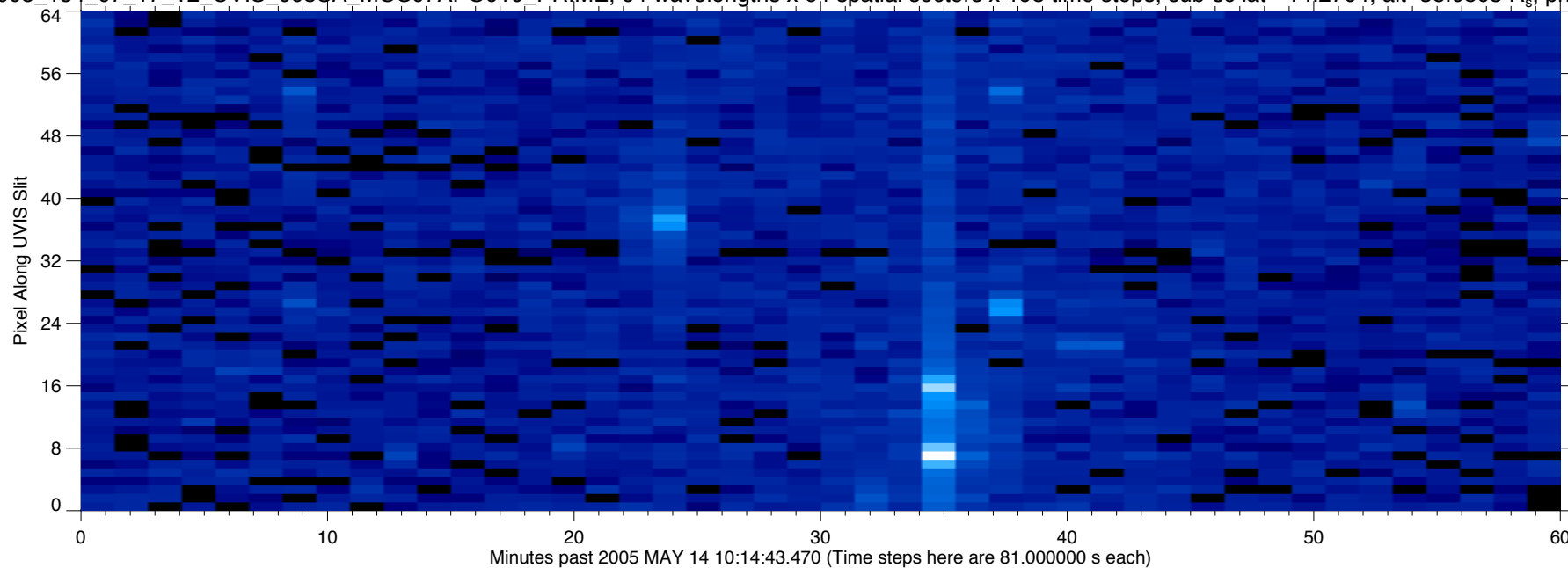
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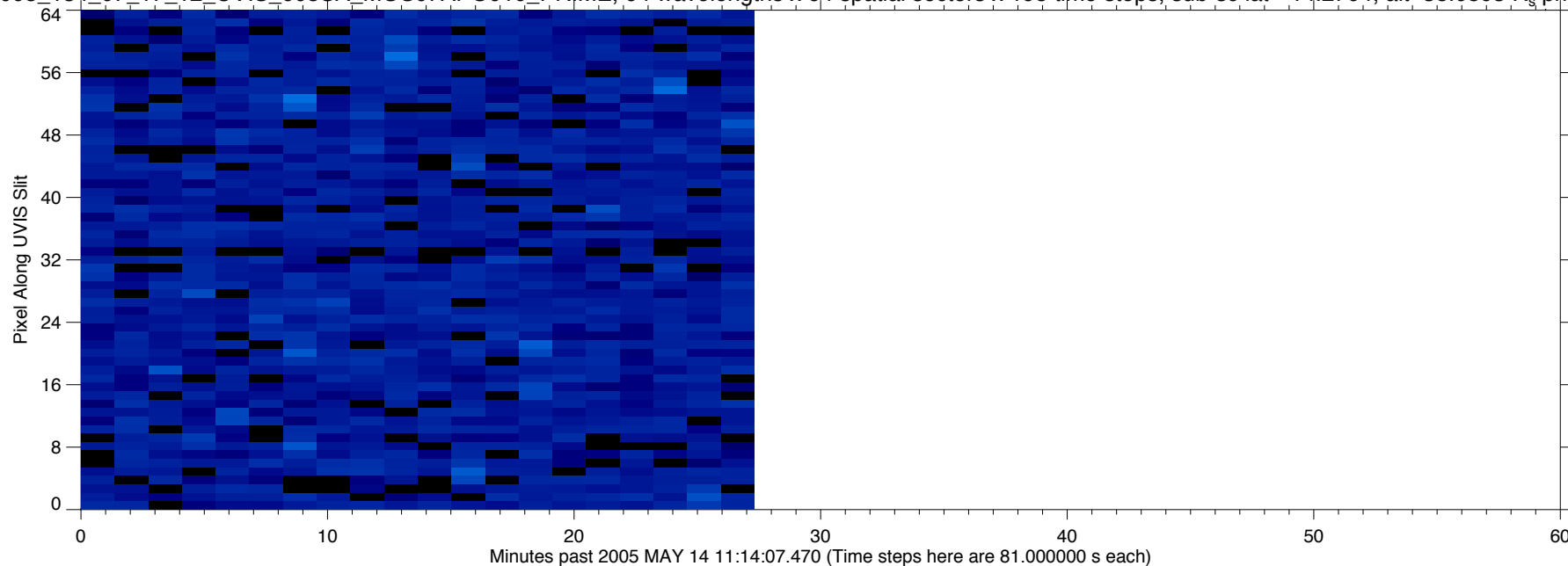
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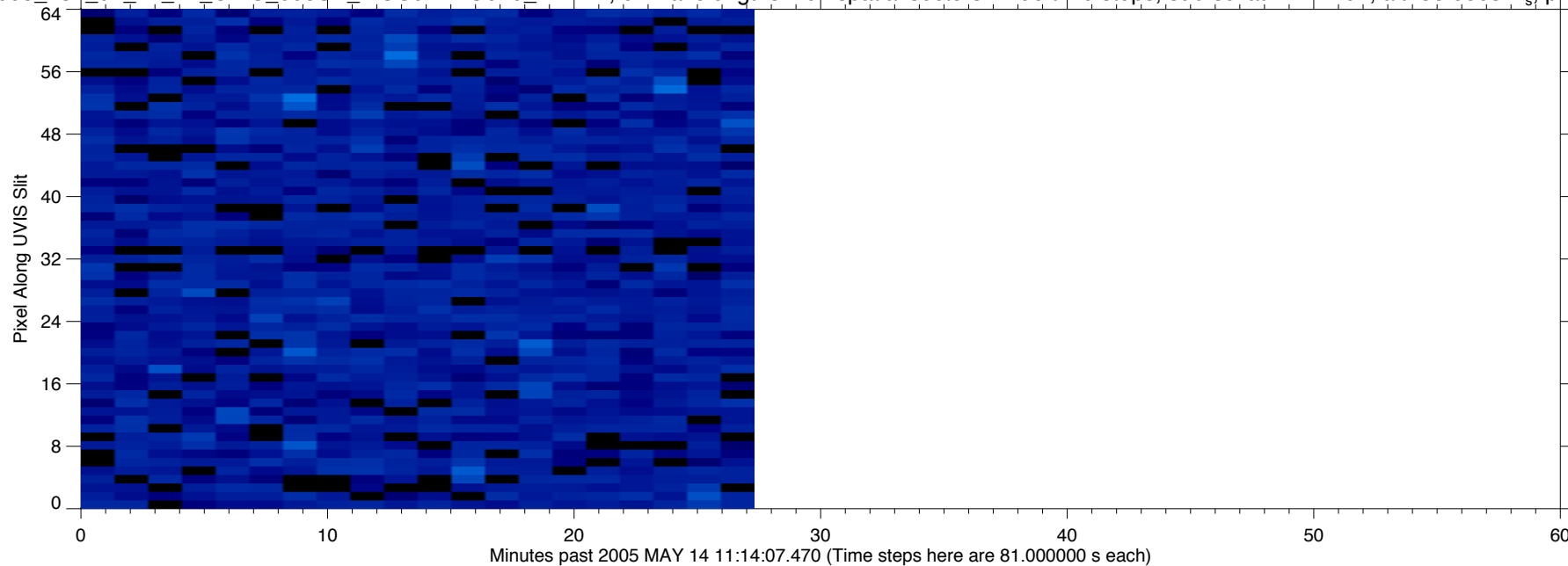
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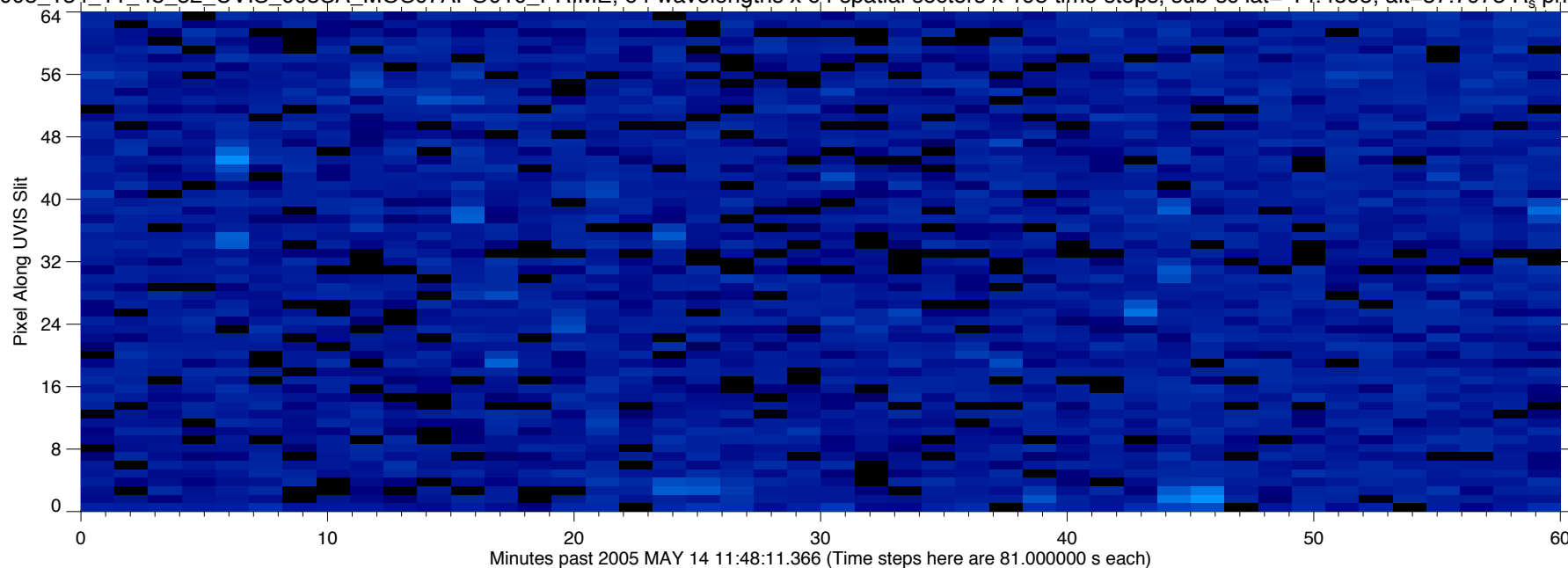
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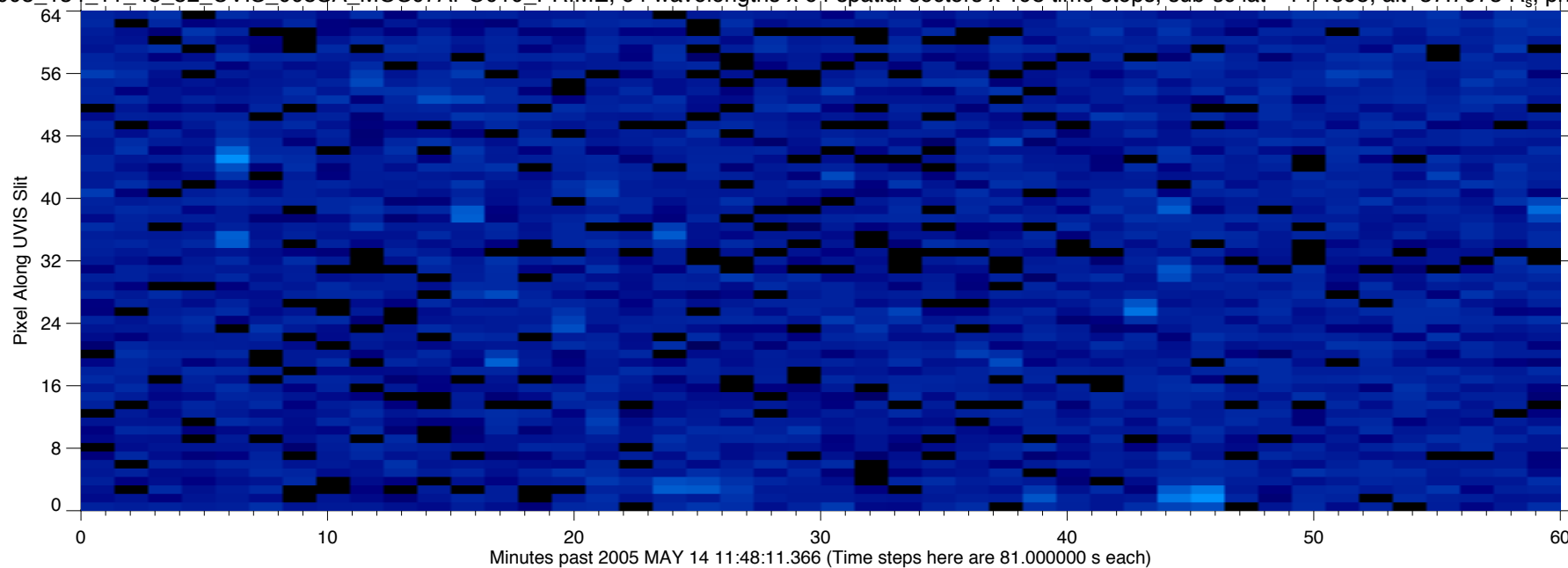
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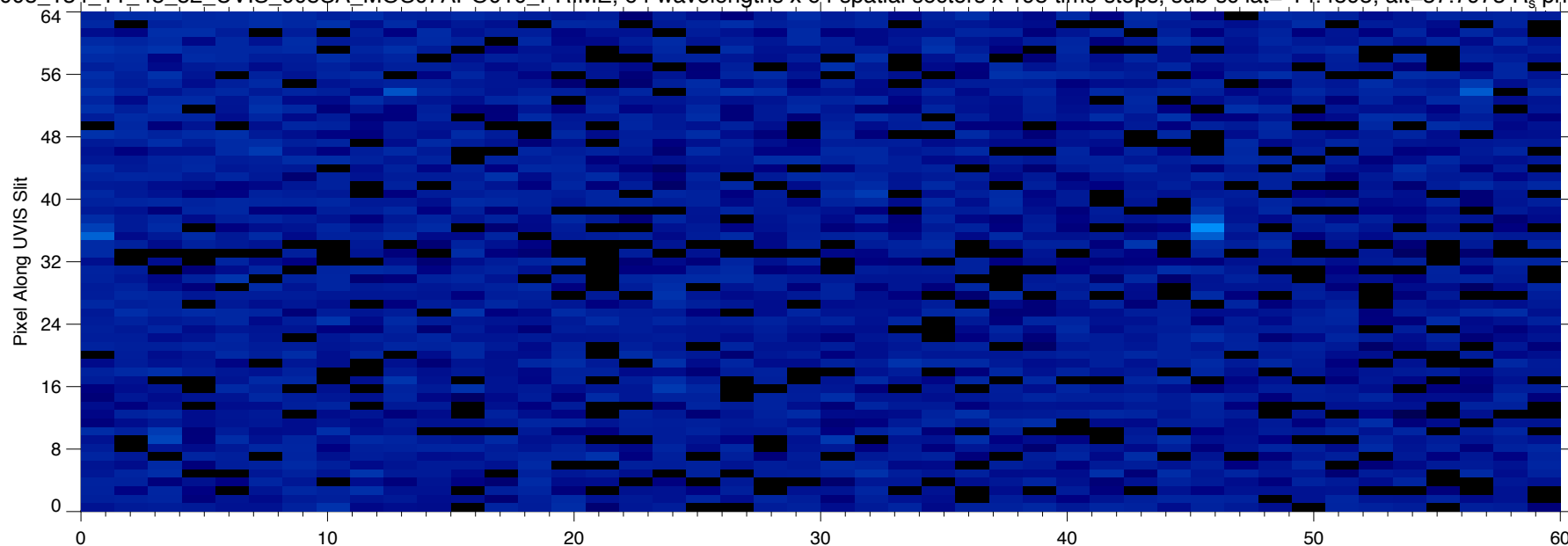
FUV2005_134_11_48_52_UVIS_008SA_MOS07APO010_PRIME, 64 wavelengths x 64 spatial sectors x 198 time steps, sub-sc lat=-14.4595, alt=37.7973 R_s phase=57.7736



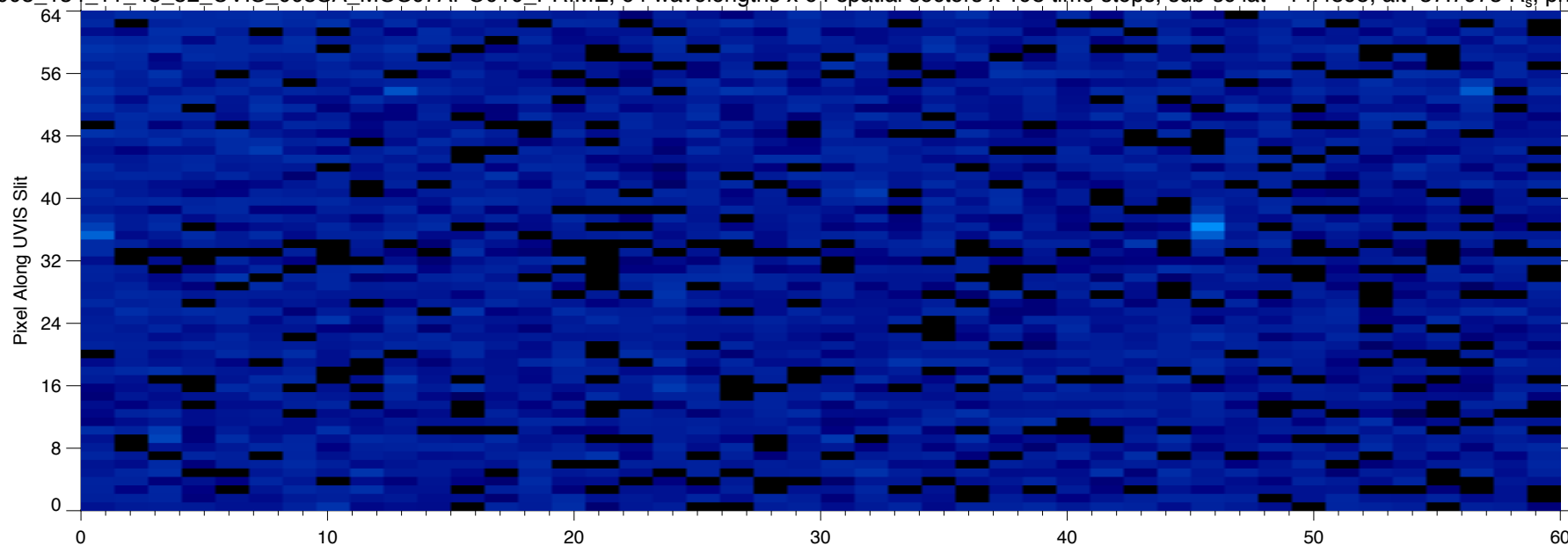
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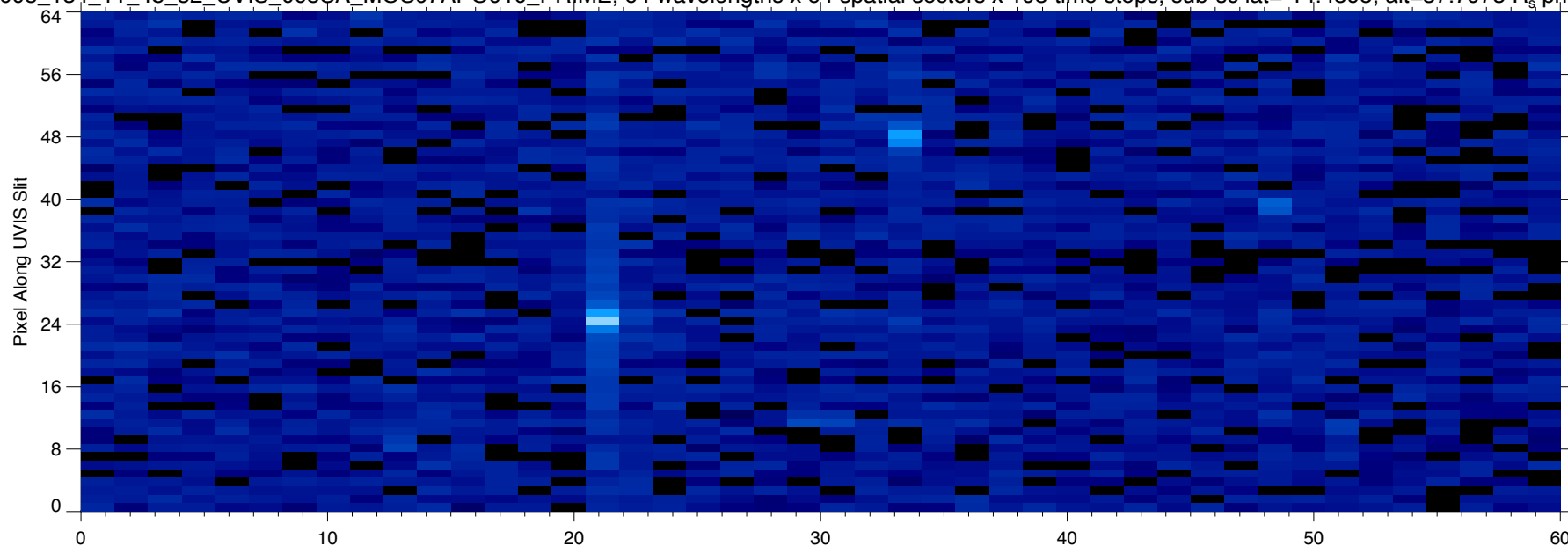
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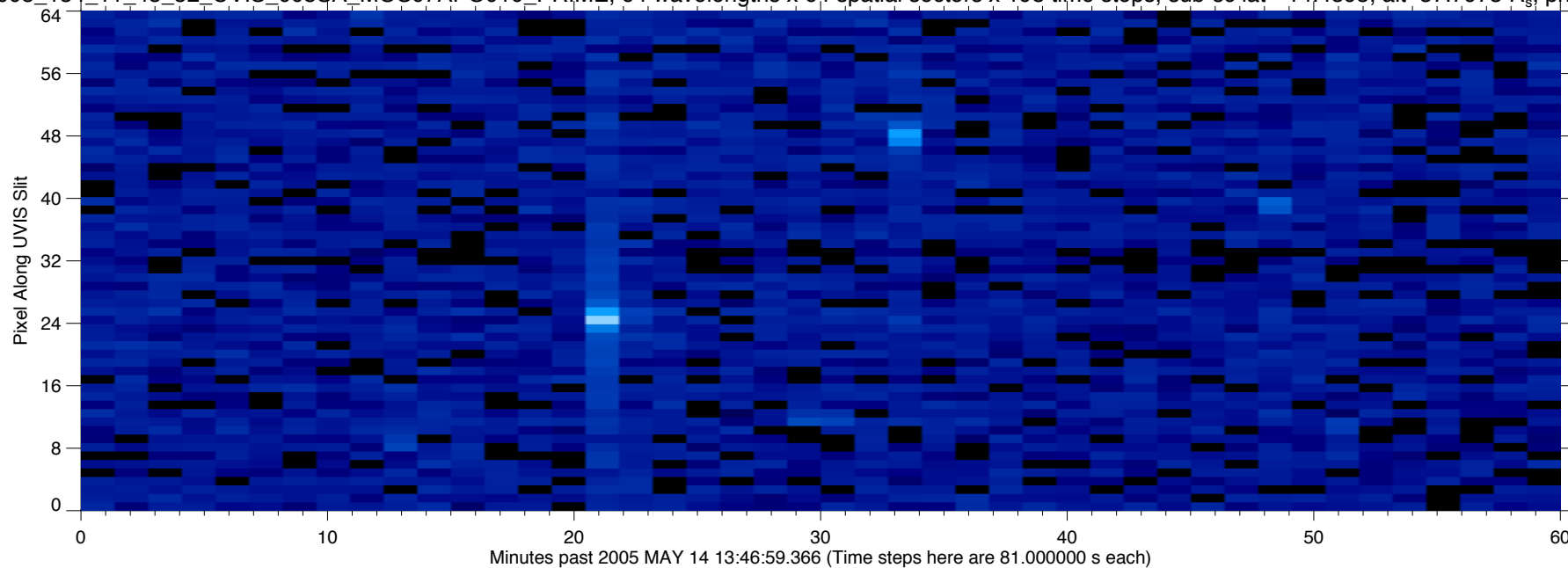
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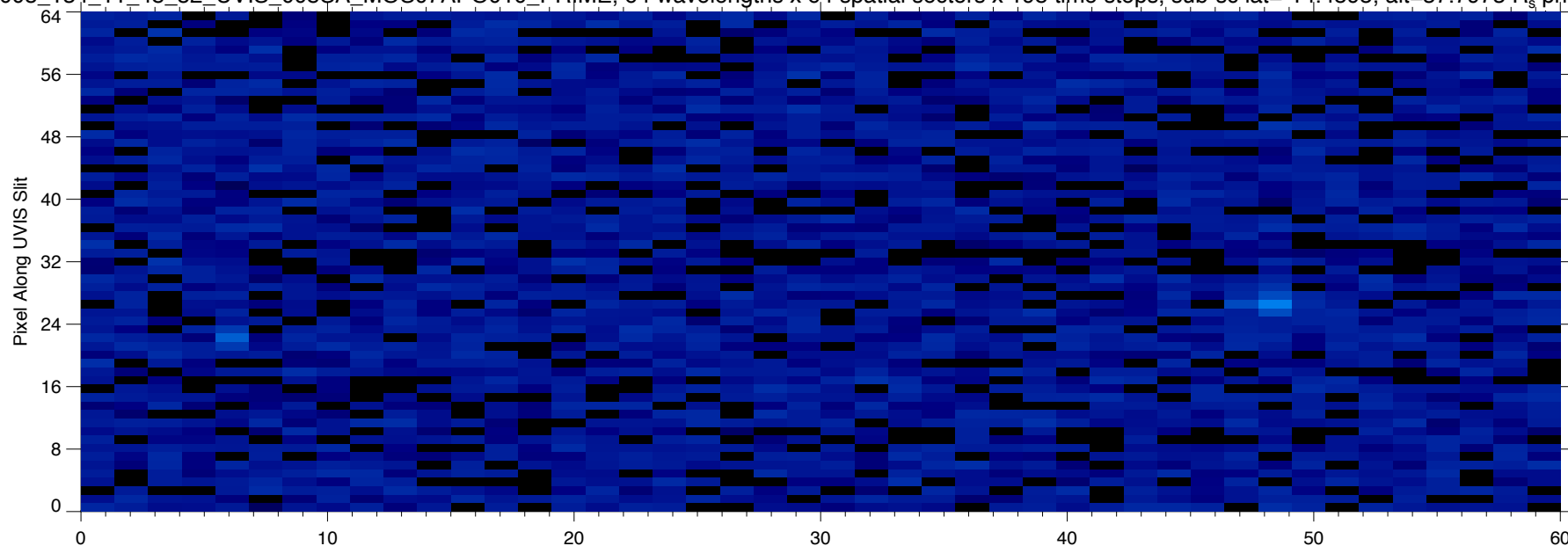
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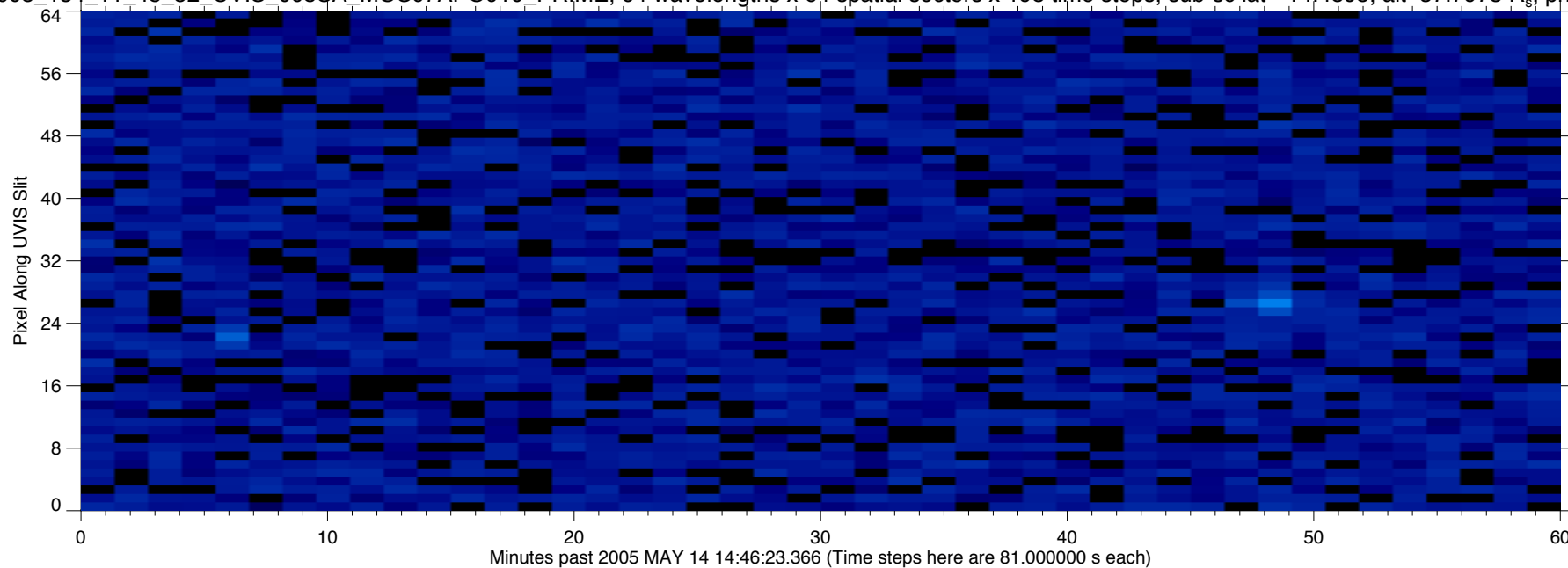
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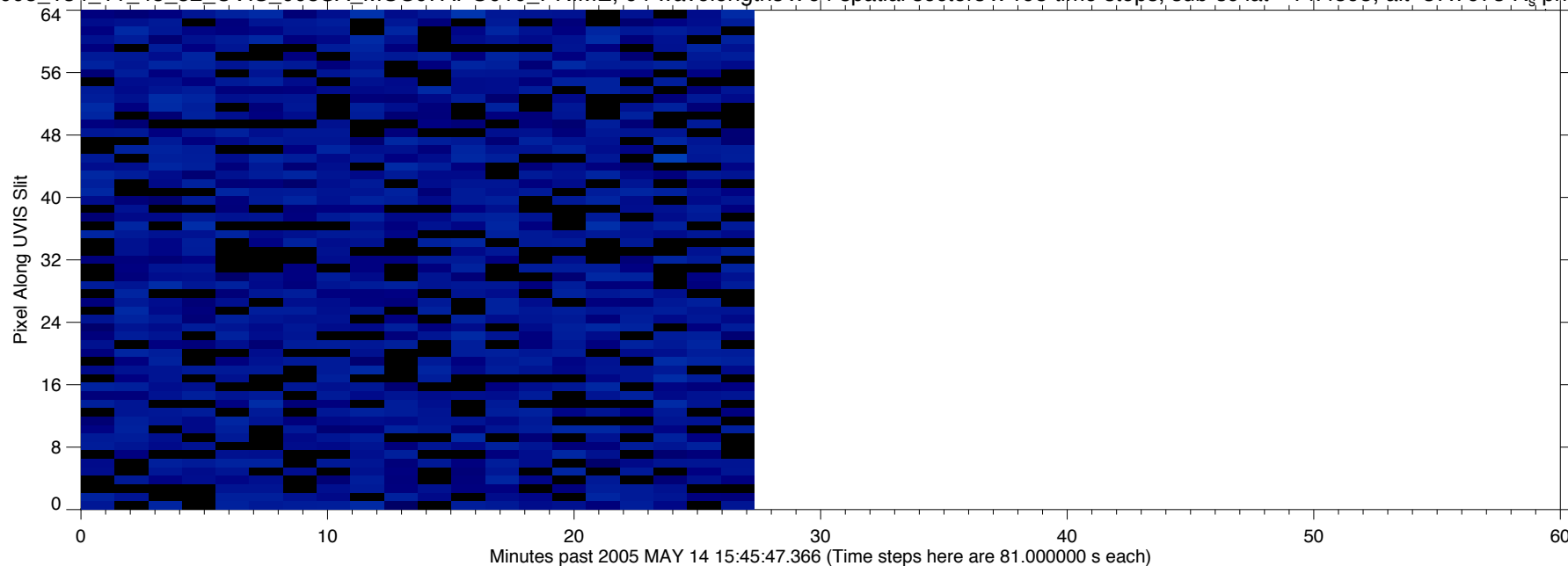
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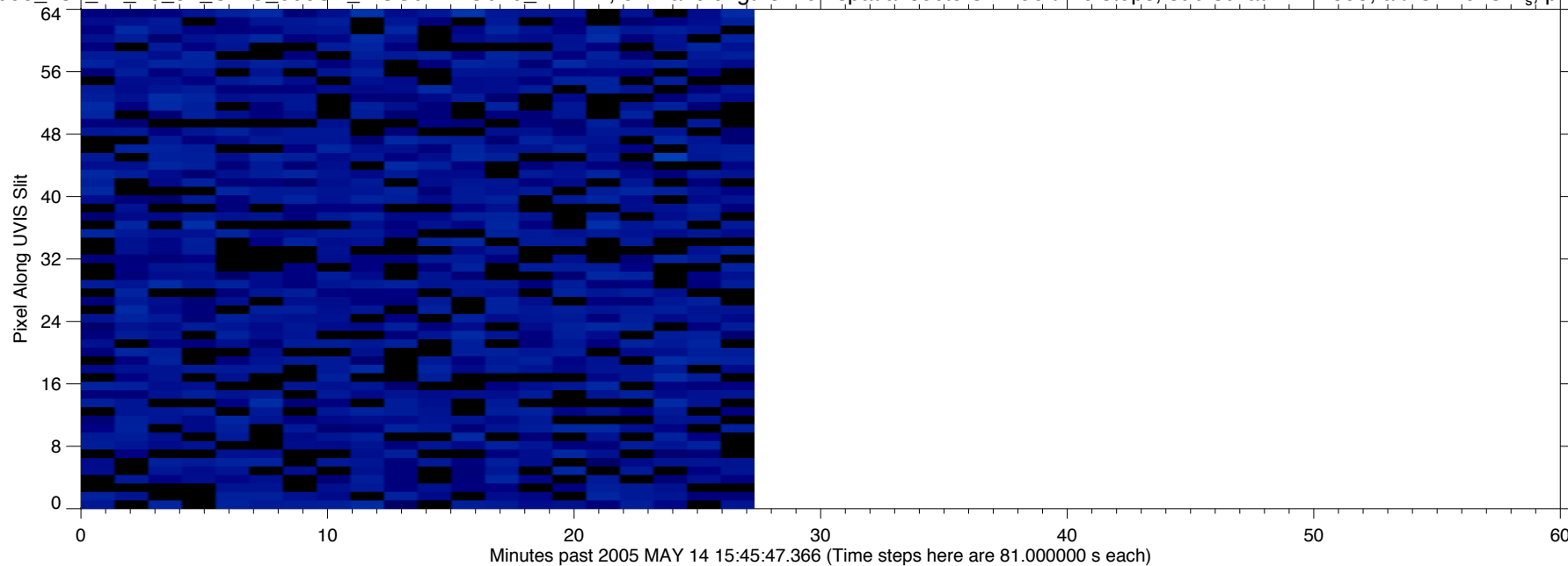
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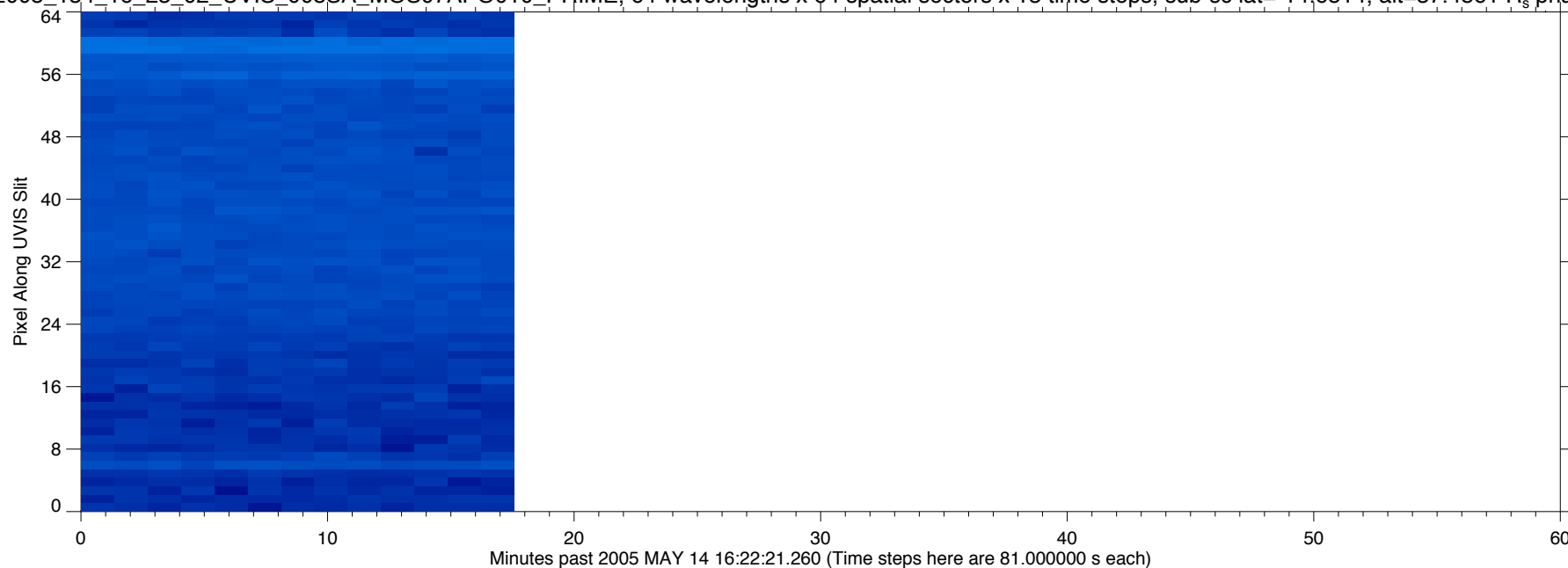
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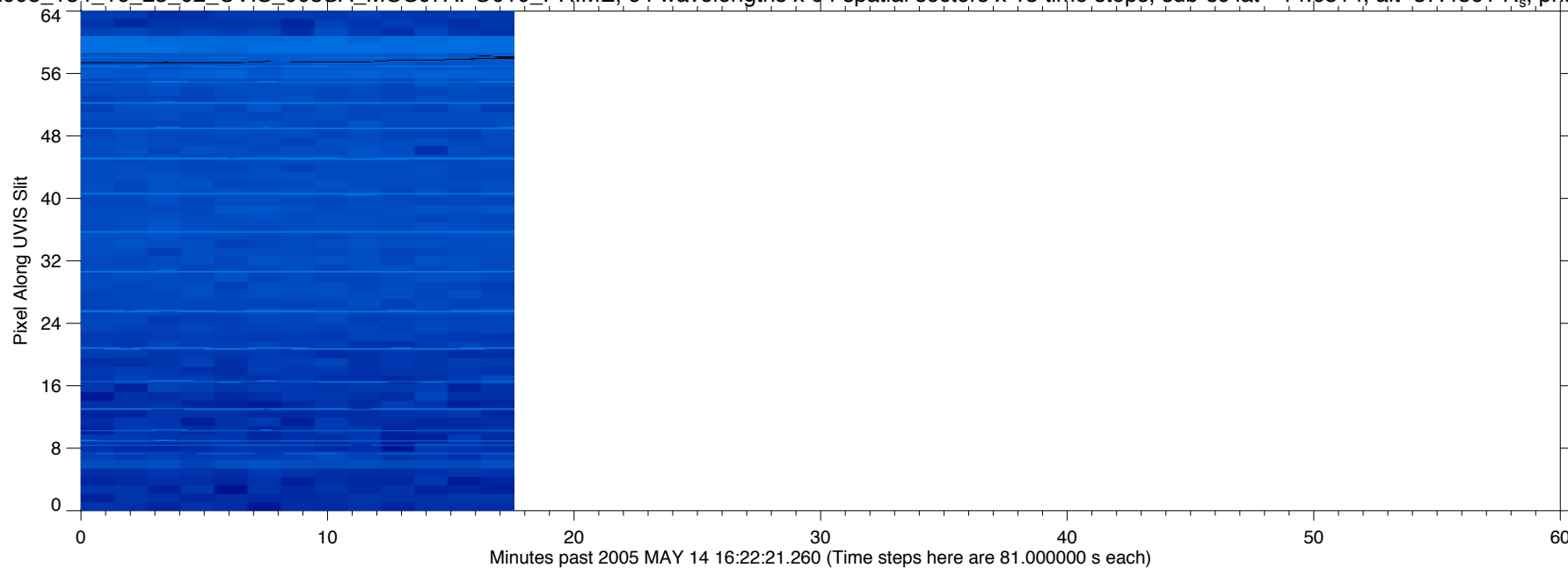
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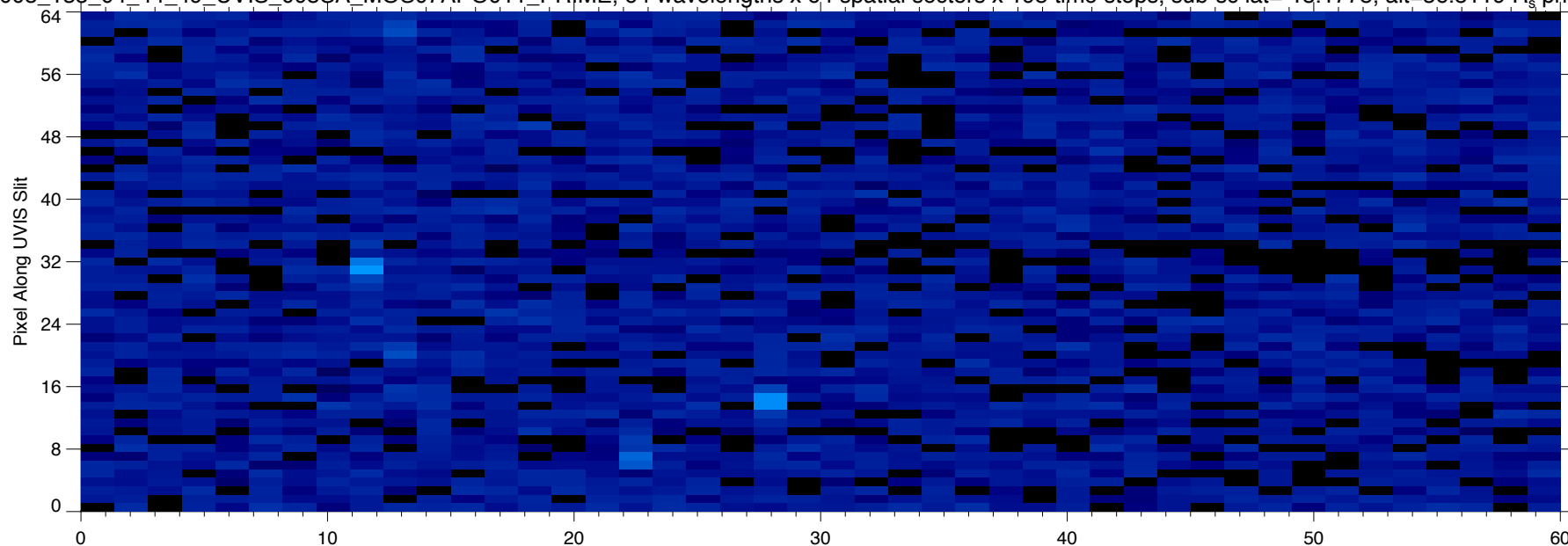
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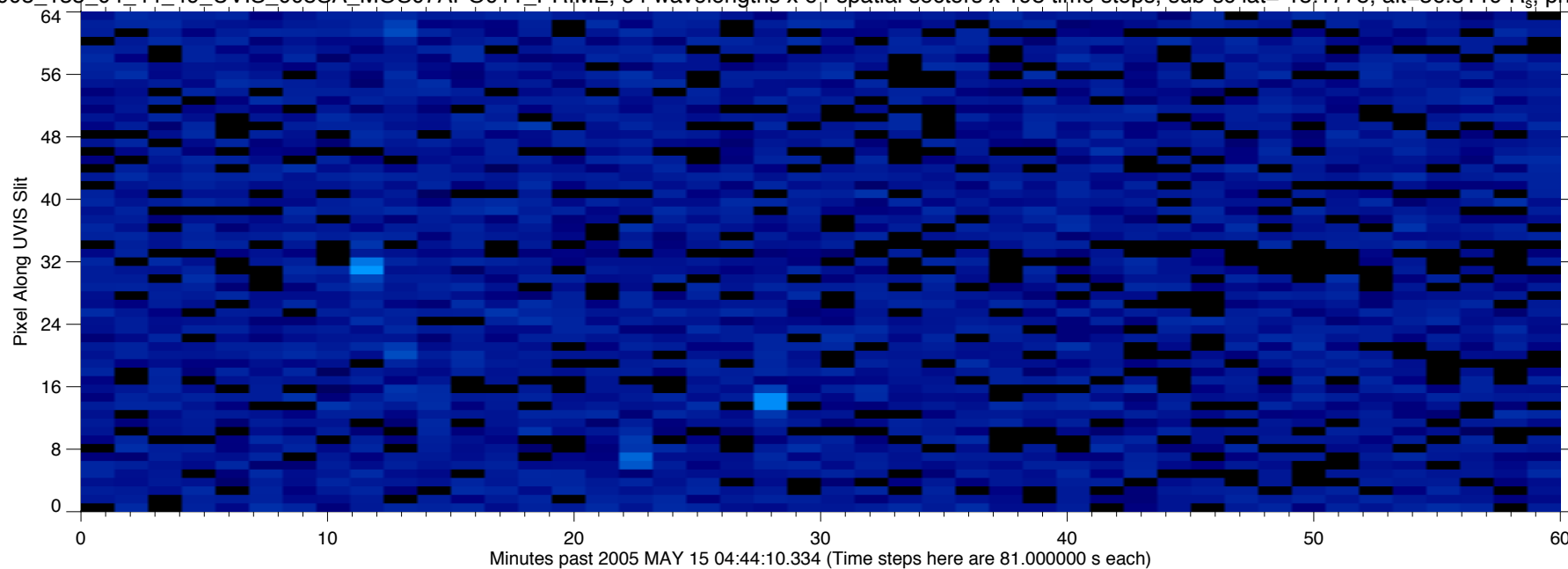
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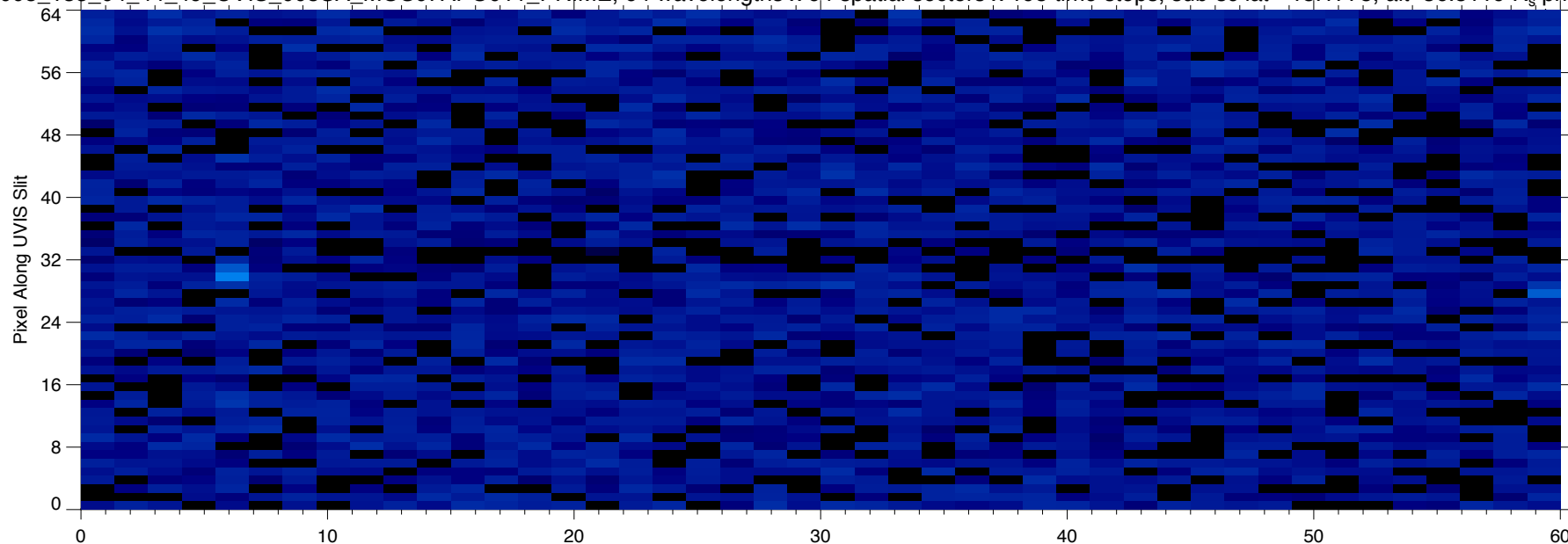
FUV2005_135_04_44_49_UVIS_008SA_MOS07APO011_PRIME, 64 wavelengths x 64 spatial sectors x 198 time steps, sub-sc lat=-15.1778, alt=36.5119 R_s phase=55.2431



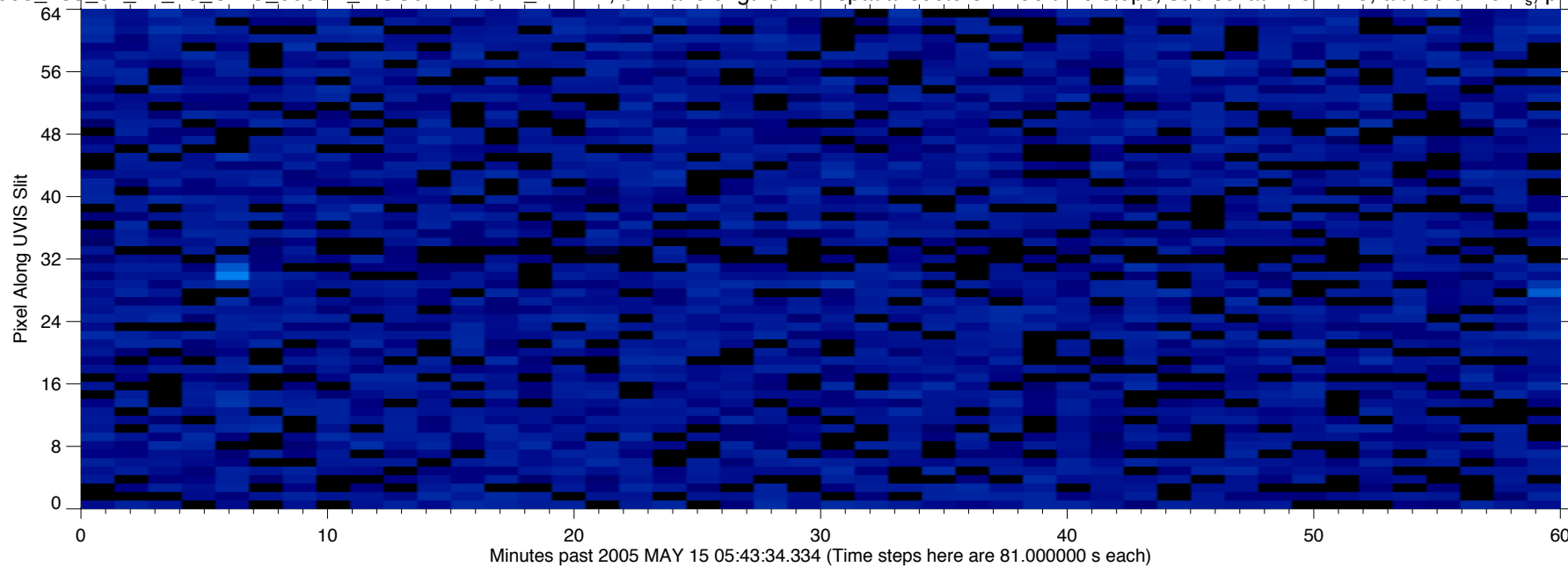
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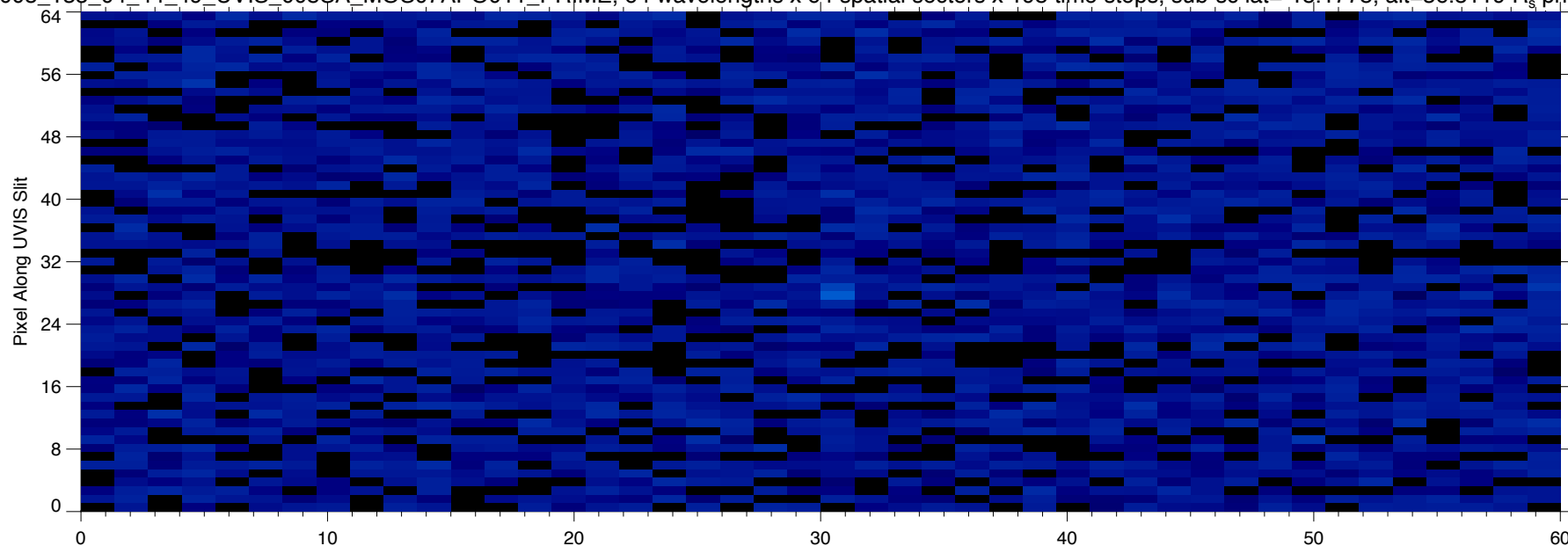
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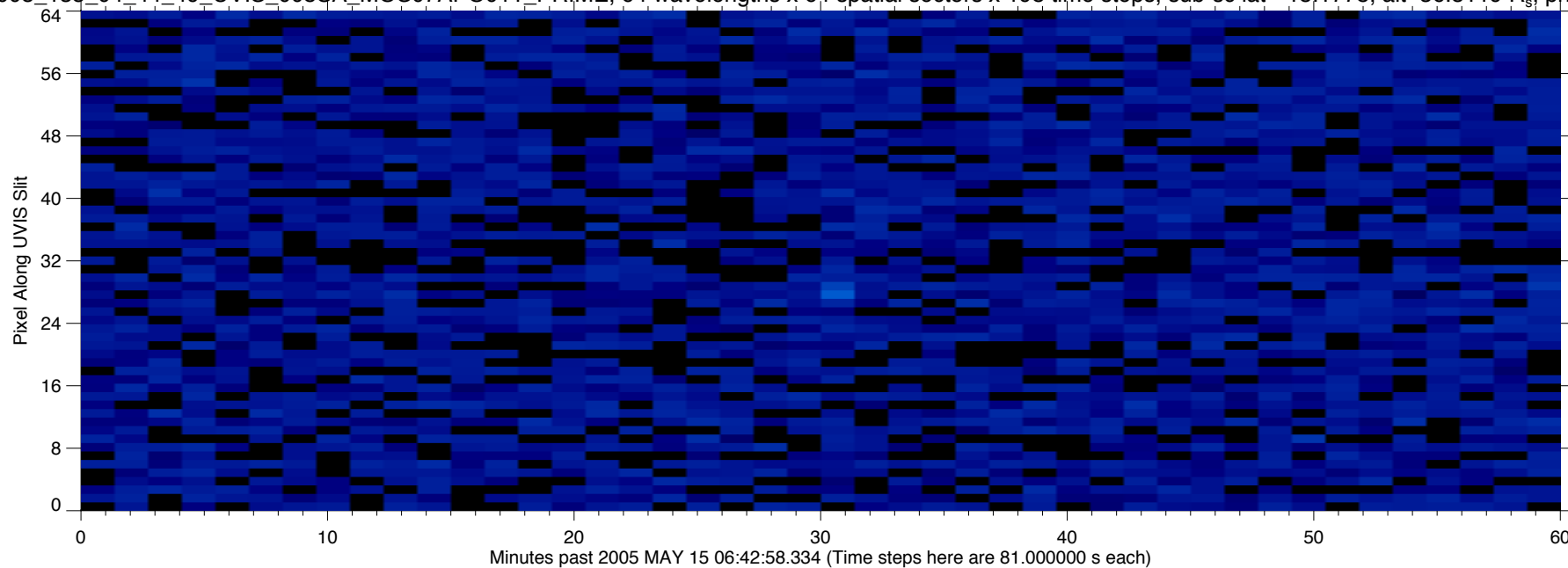
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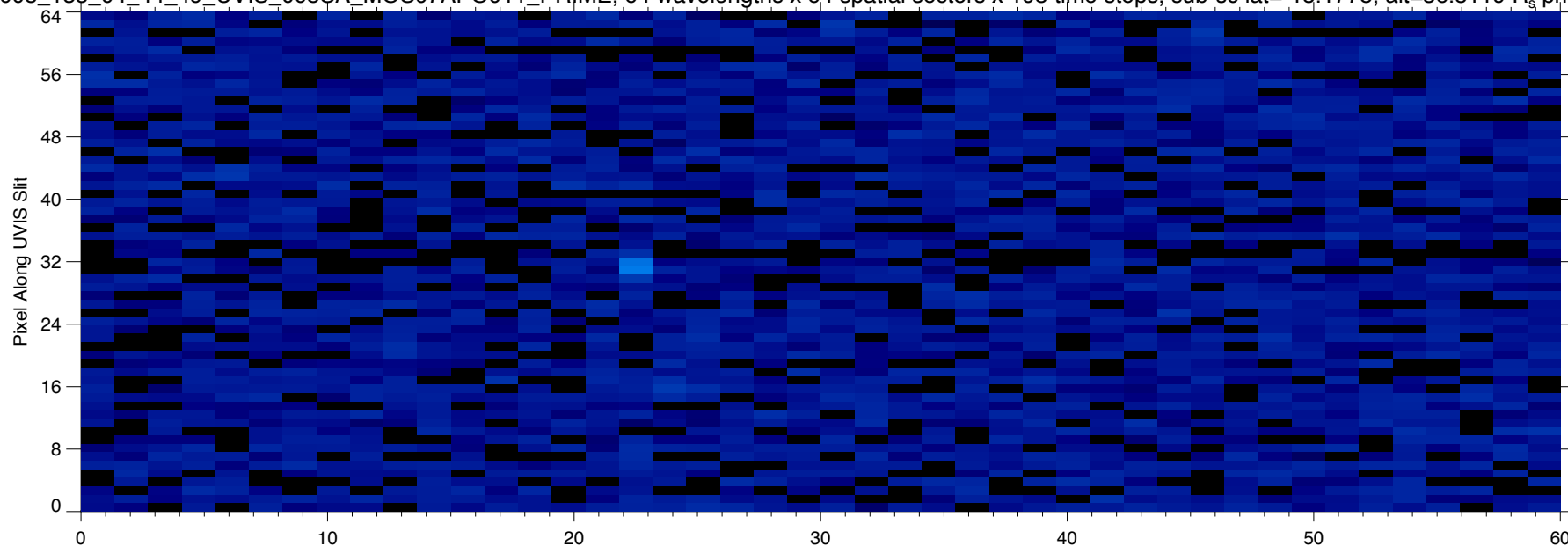
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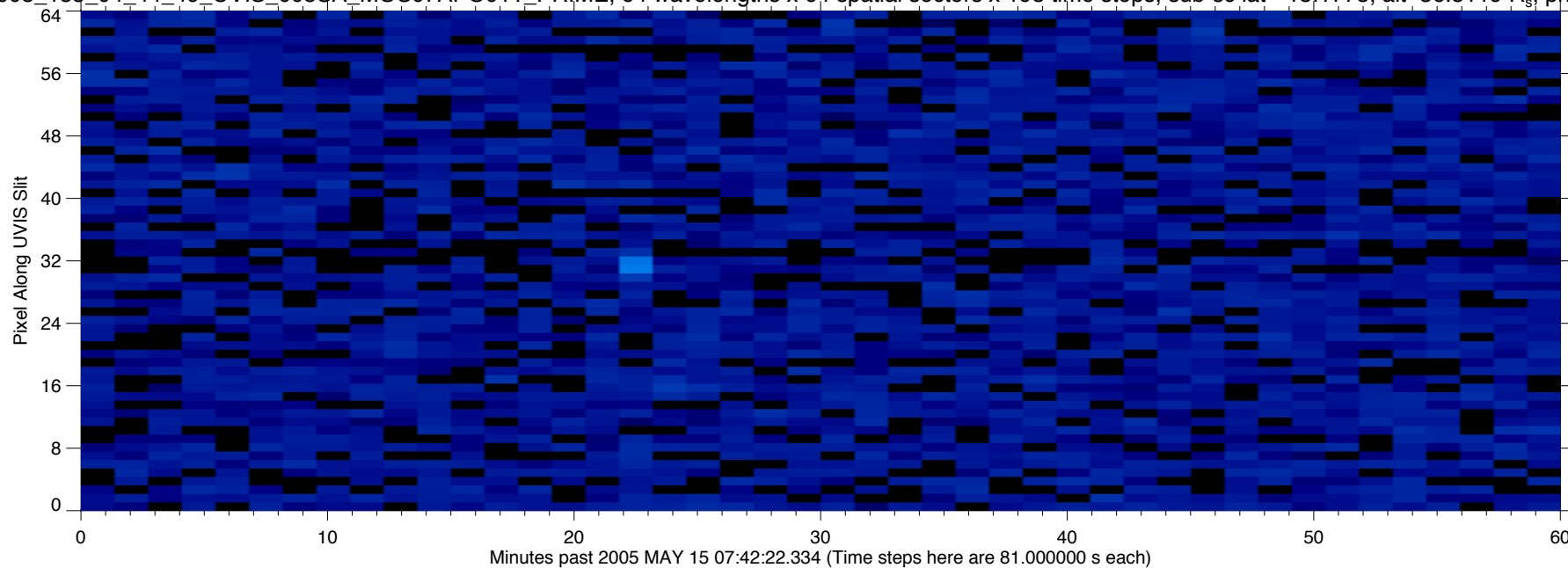
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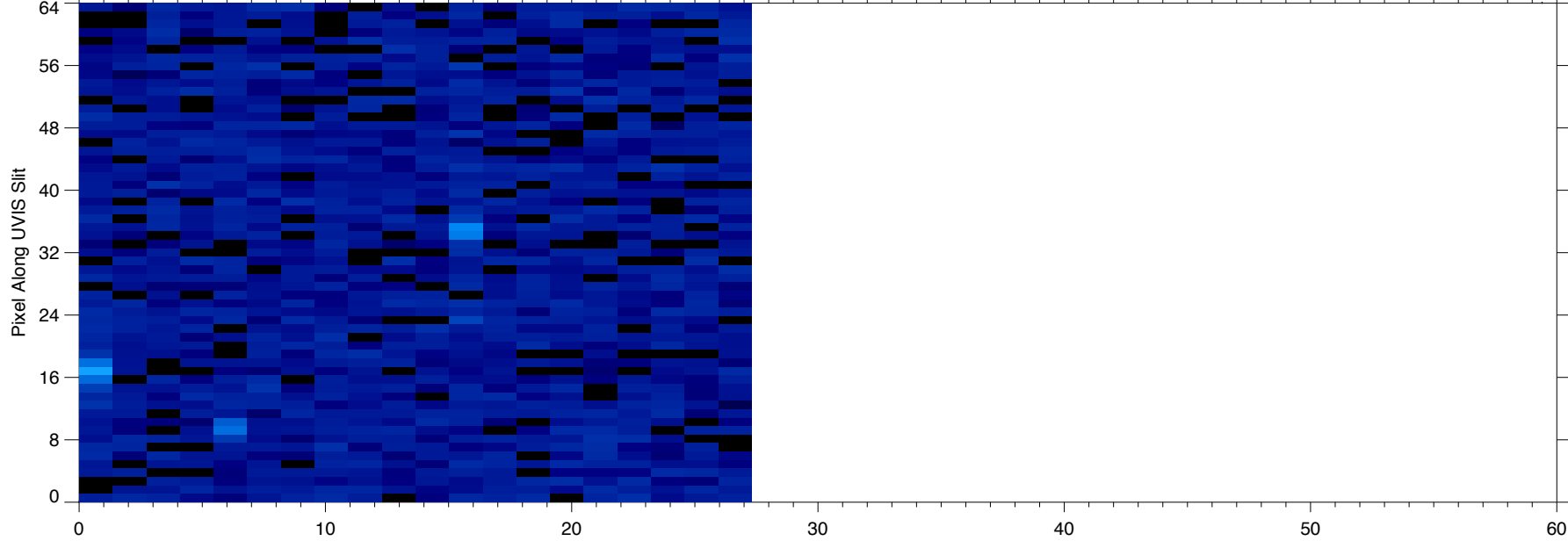
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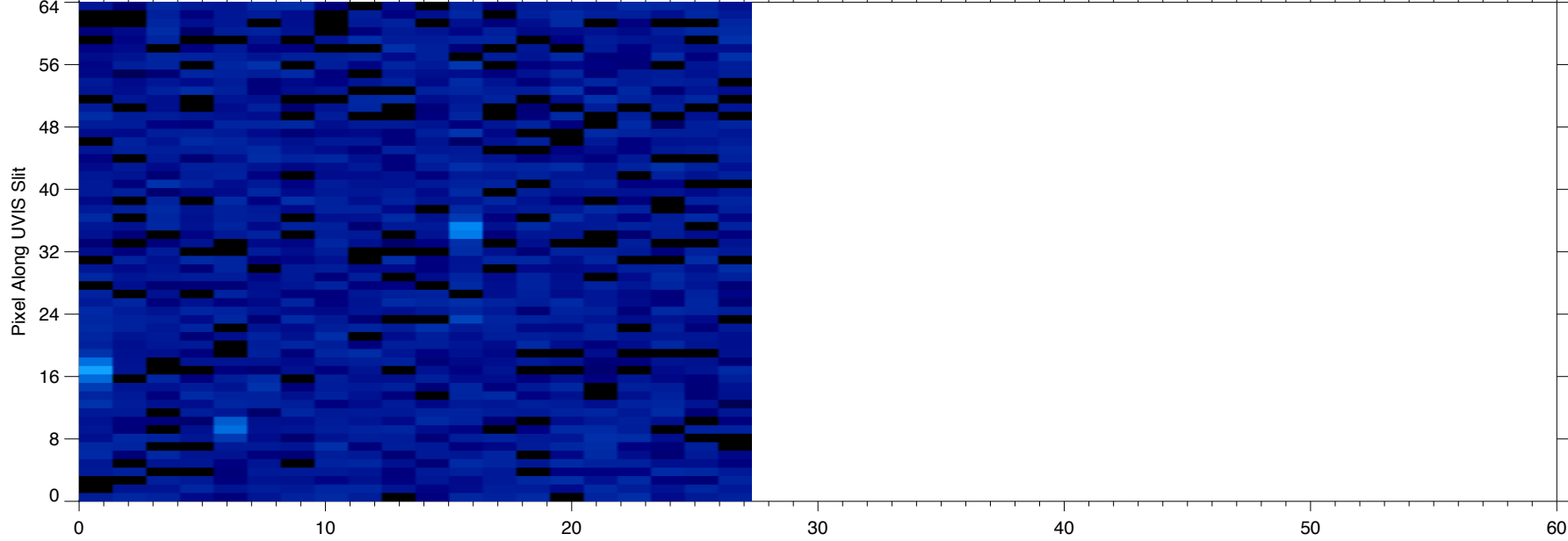
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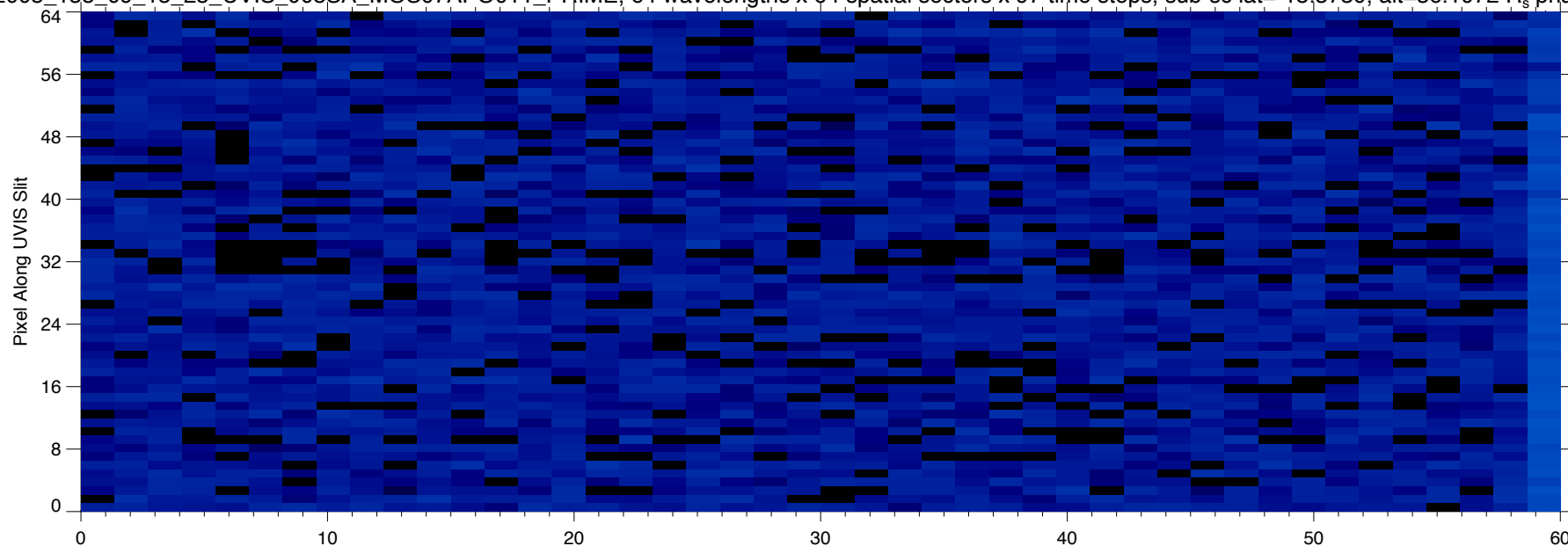
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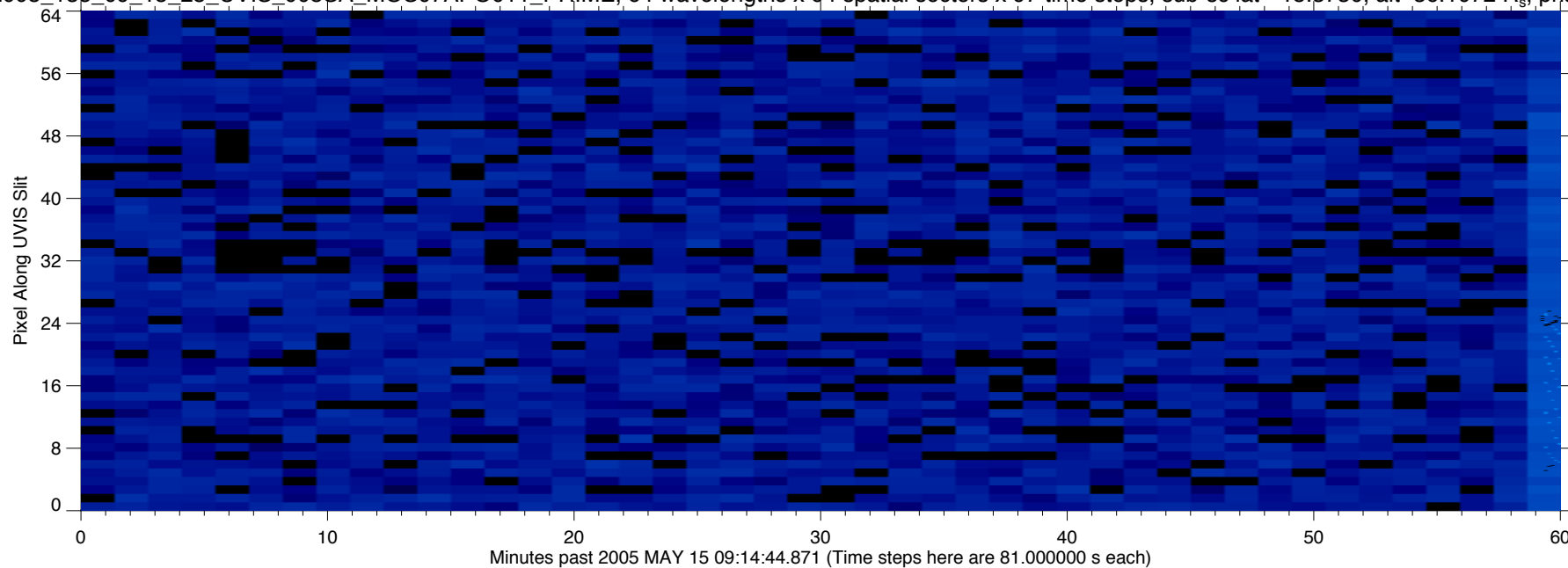
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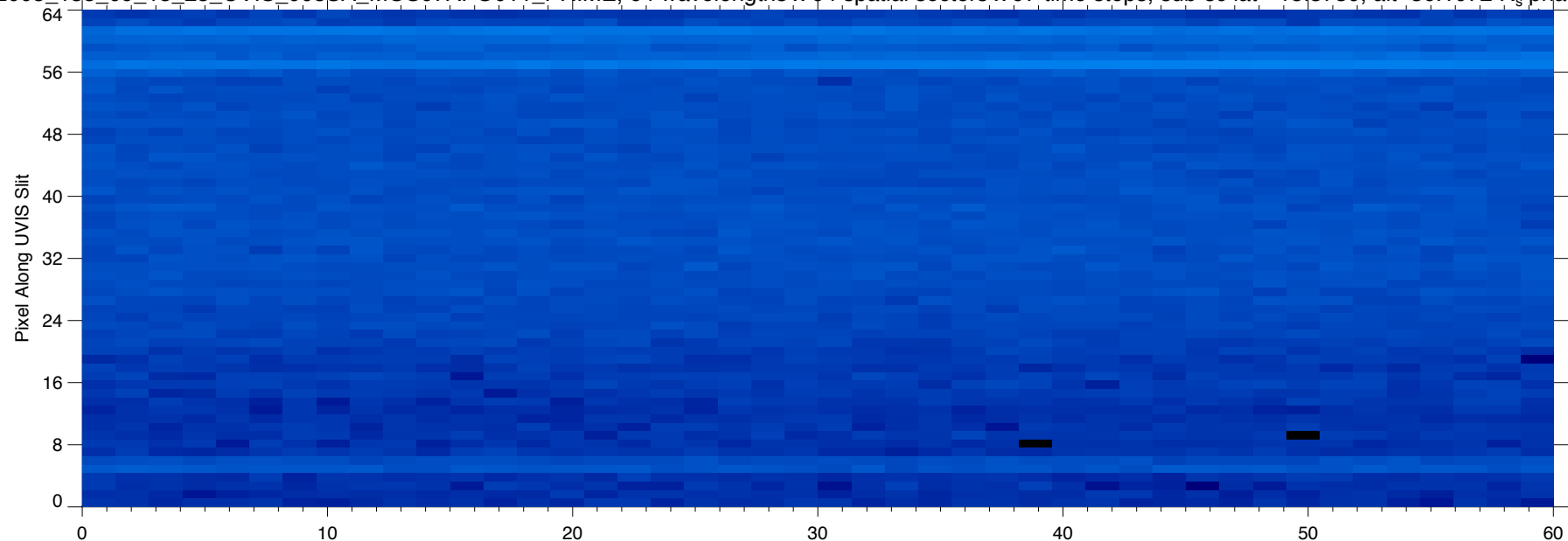
FUV2005_135_09_15_25_UVIS_008SA_MOS07APO011_PRIME, 64 wavelengths x 64 spatial sectors x 97 time steps, sub-sc lat=-15.3730, alt=36.1072 R_s, phase=54.5371



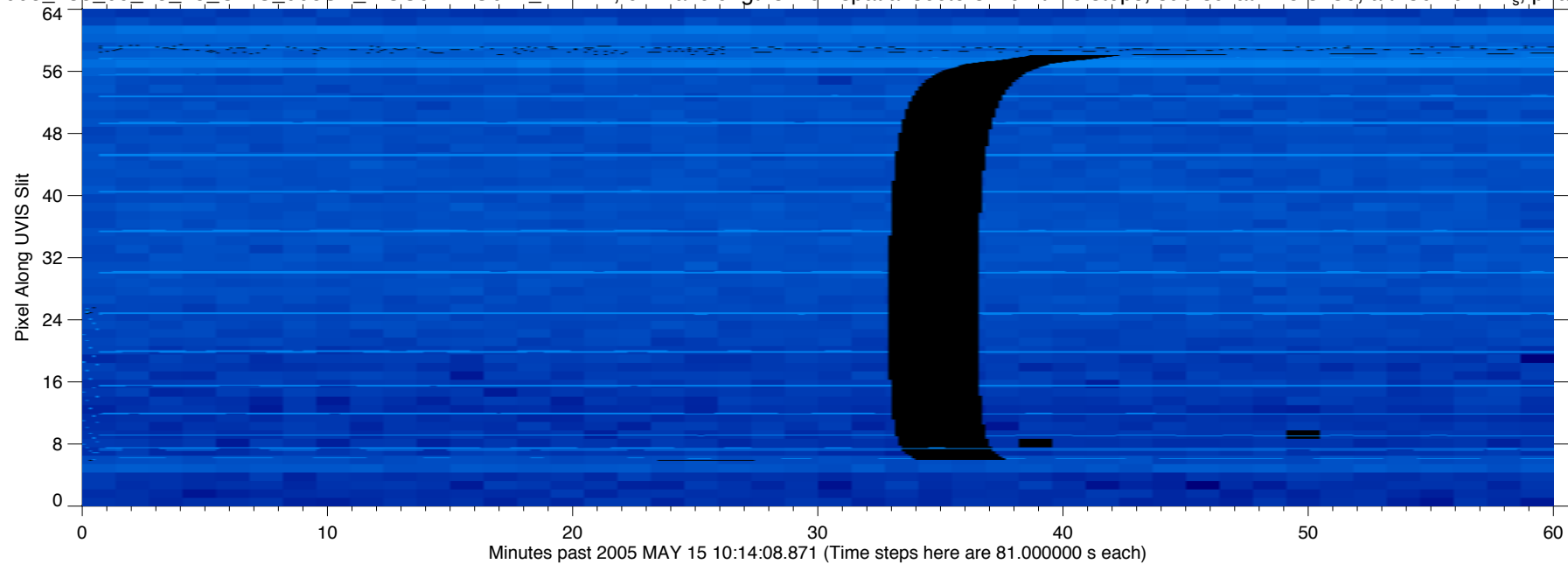
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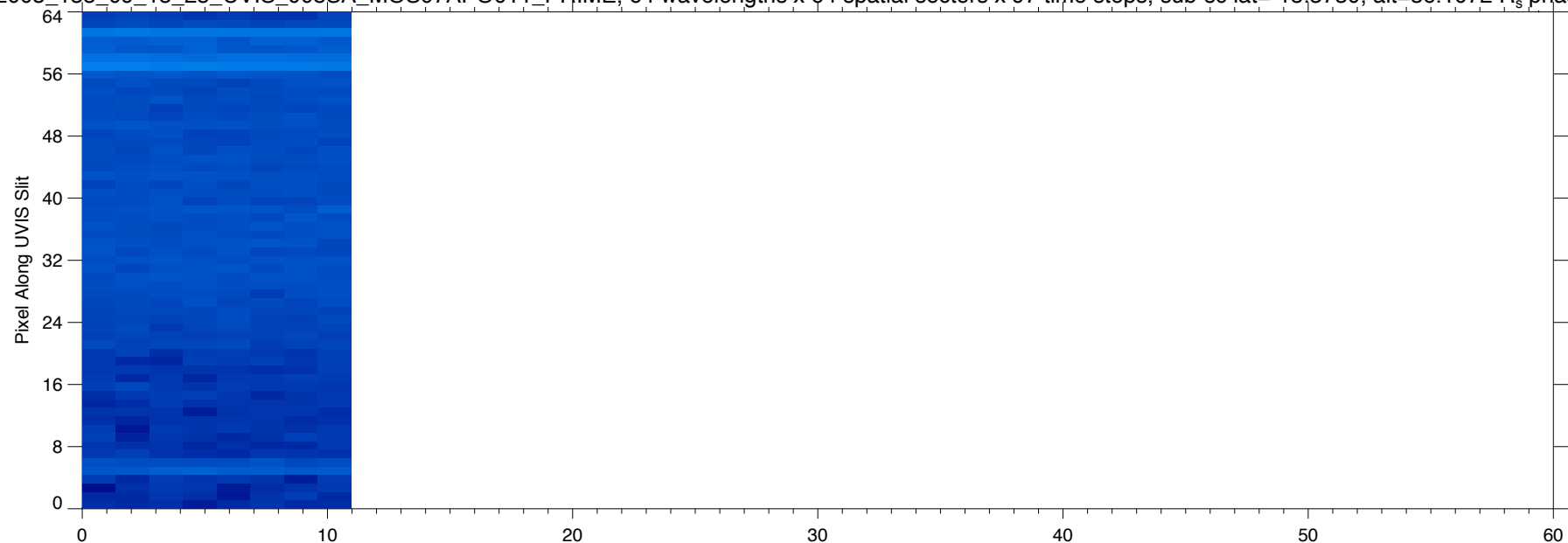
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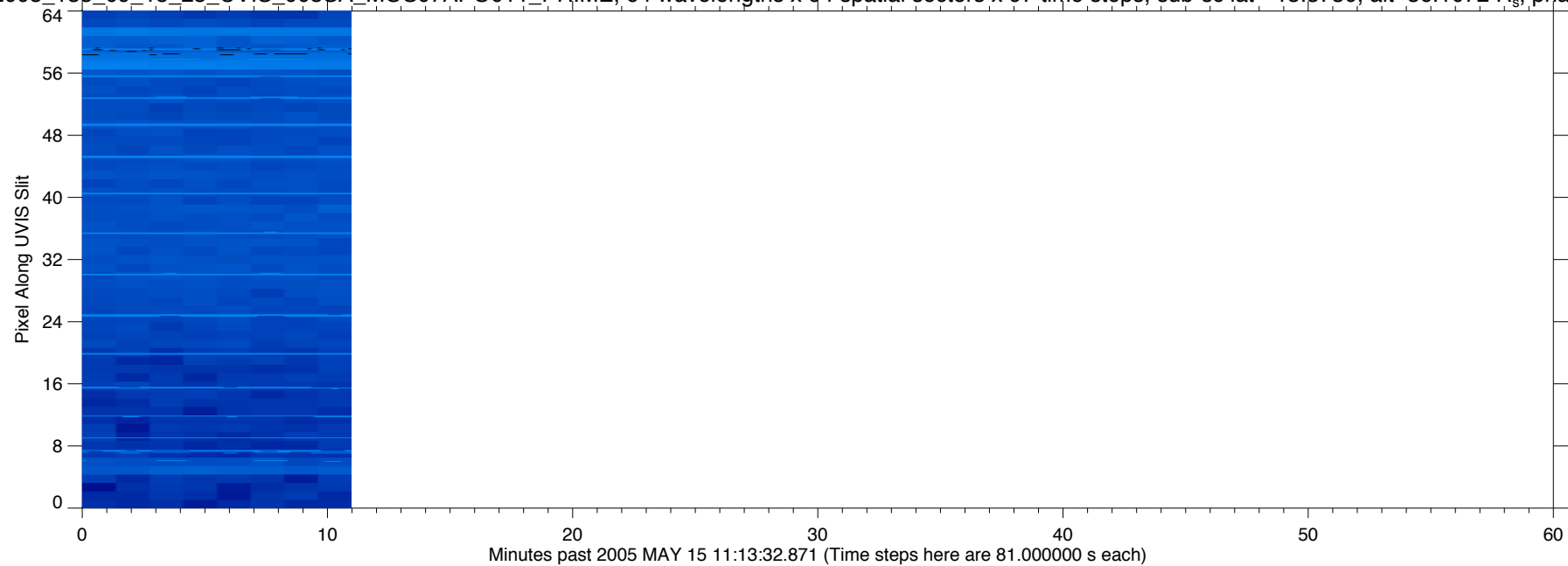
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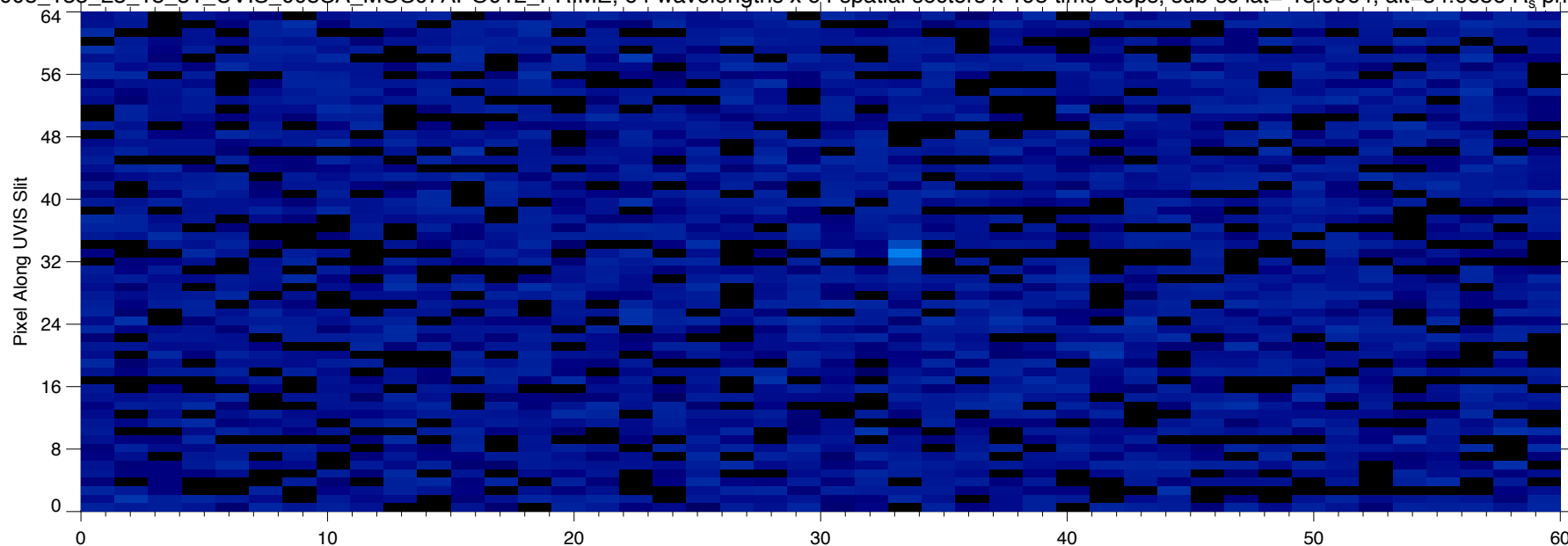
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FUV2005_135_09_15_25_UVIS_008SA_MOS07APO011_PRIME, 64 wavelengths x 64 spatial sectors x 97 time steps, sub-sc lat=-15.3730, alt=36.1072 R_s, phase=54.5371

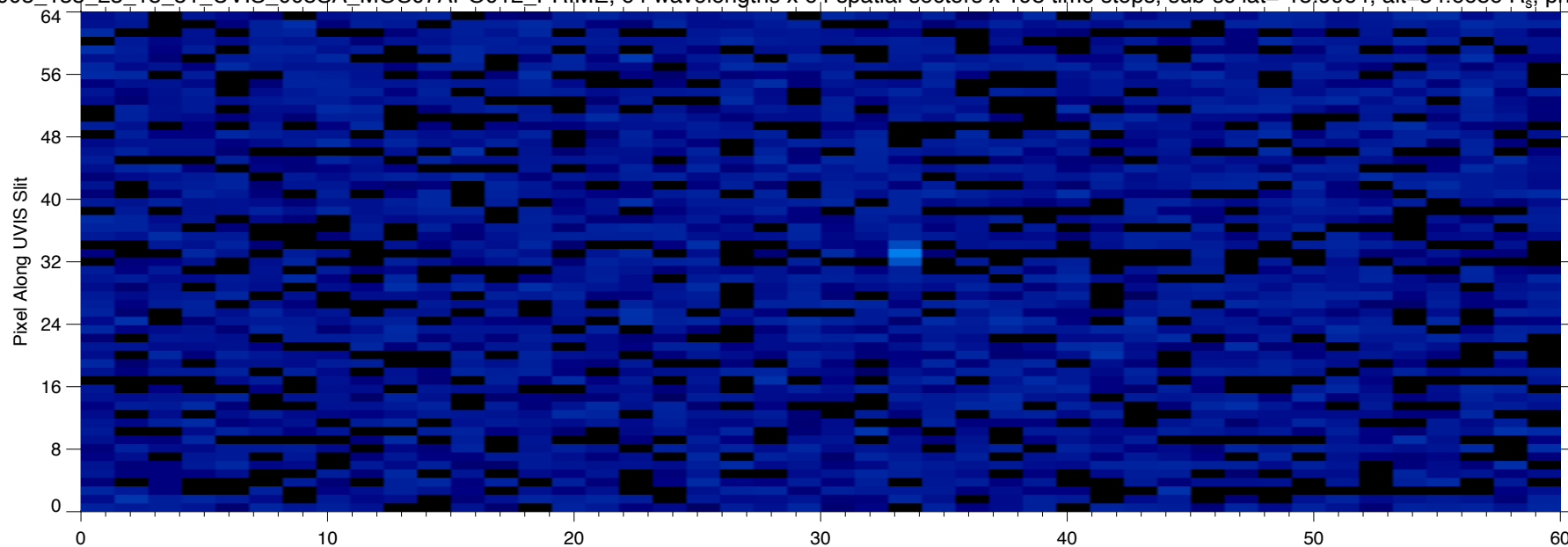


FUV2005_135_23_18_51_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 198 time steps, sub-sc lat=-15.9964, alt=34.6686 R_s phase=52.2237



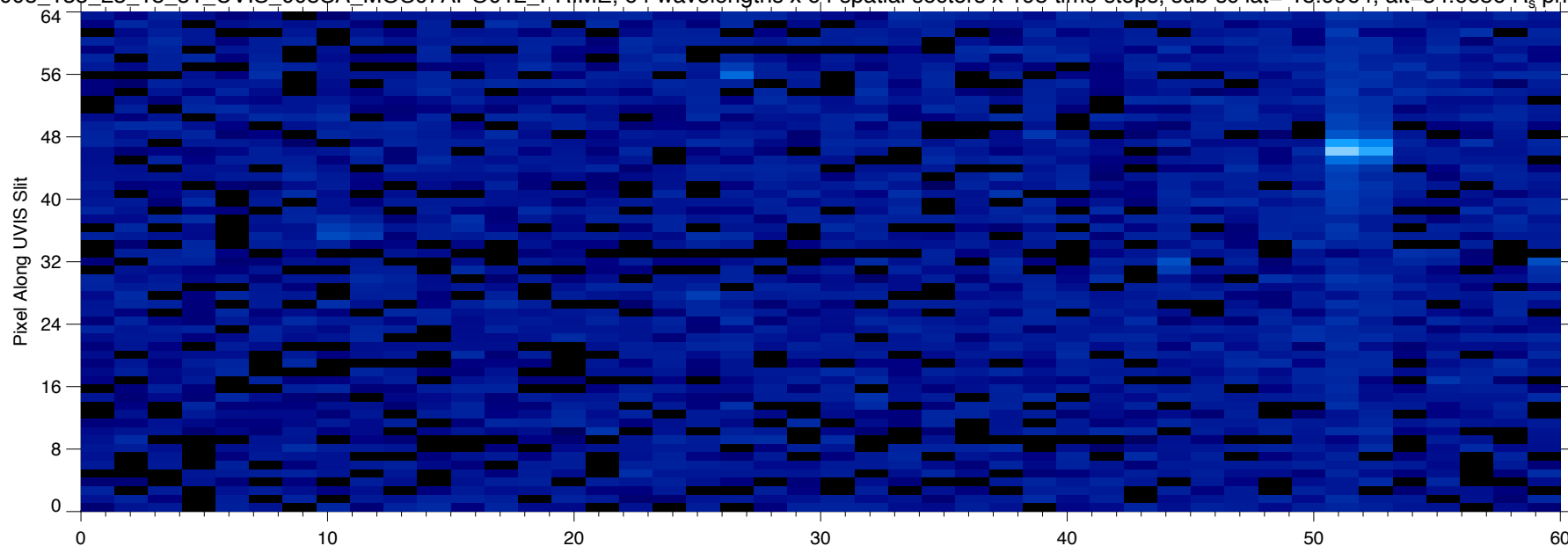
Minutes past 2005 MAY 15 23:18:12.035 (Time steps here are 81.000000 s each)

FUV2005_135_23_18_51_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 198 time steps, sub-sc lat=-15.9964, alt=34.6686 R_s phase=52.2237

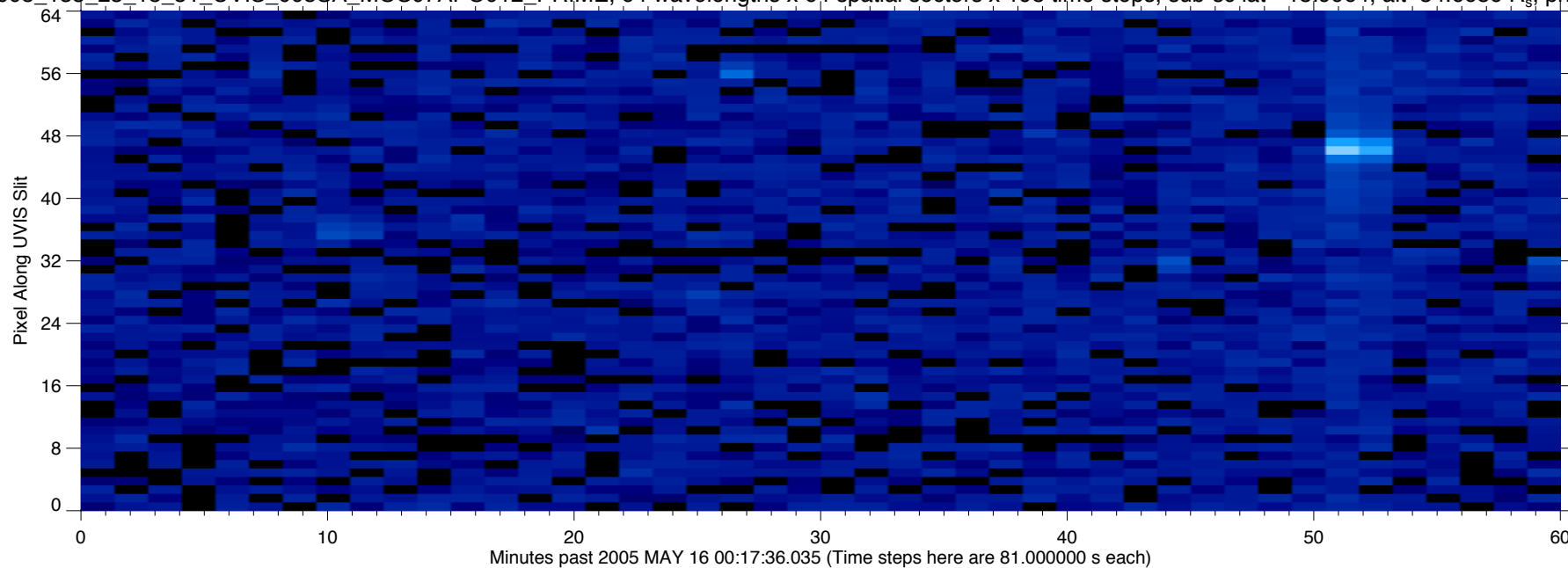


Minutes past 2005 MAY 15 23:18:12.035 (Time steps here are 81.000000 s each)

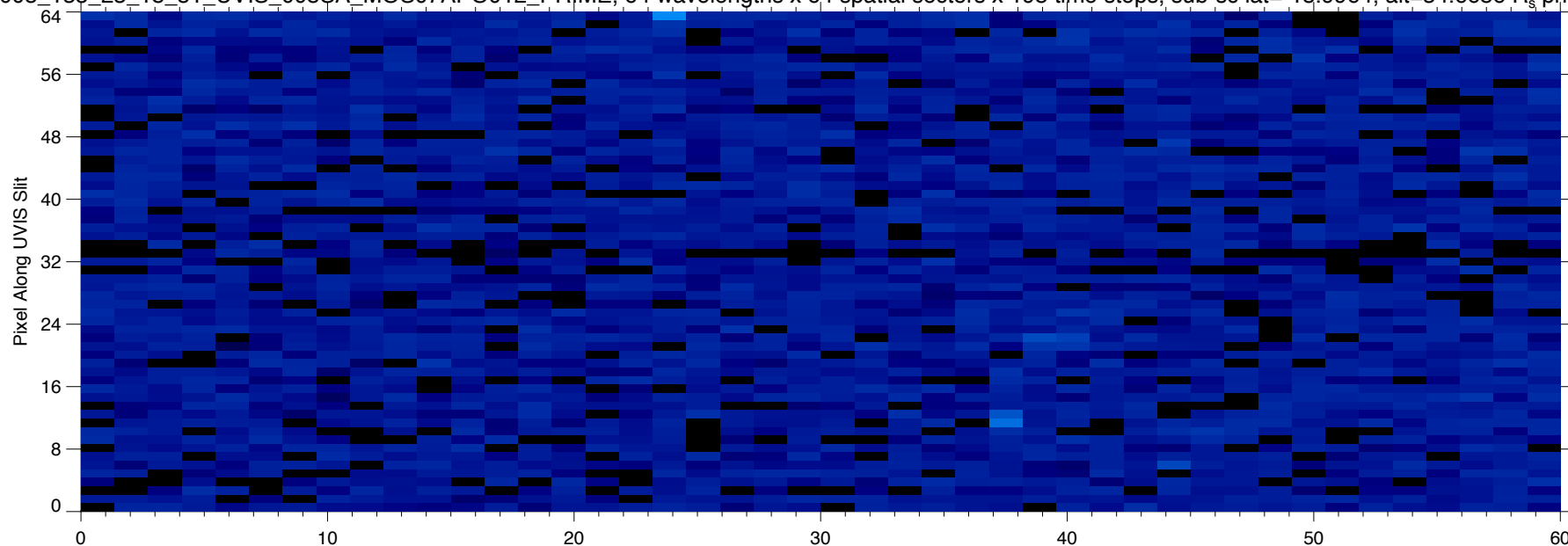
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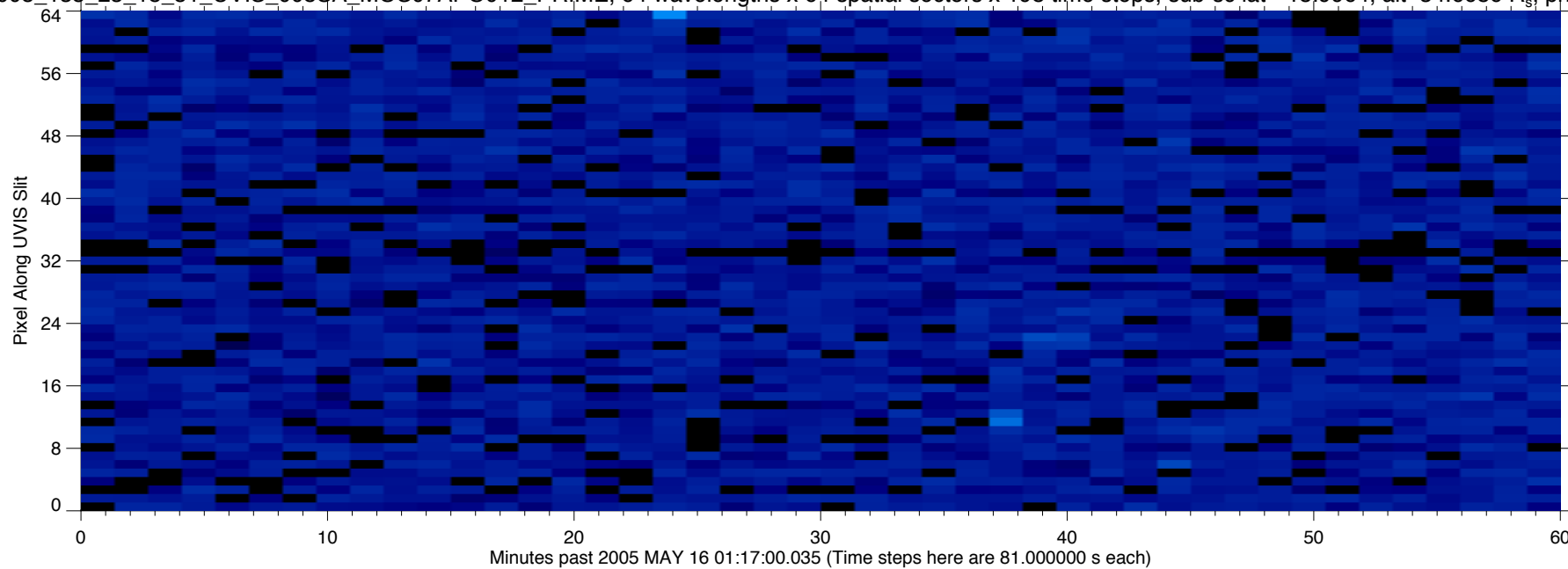
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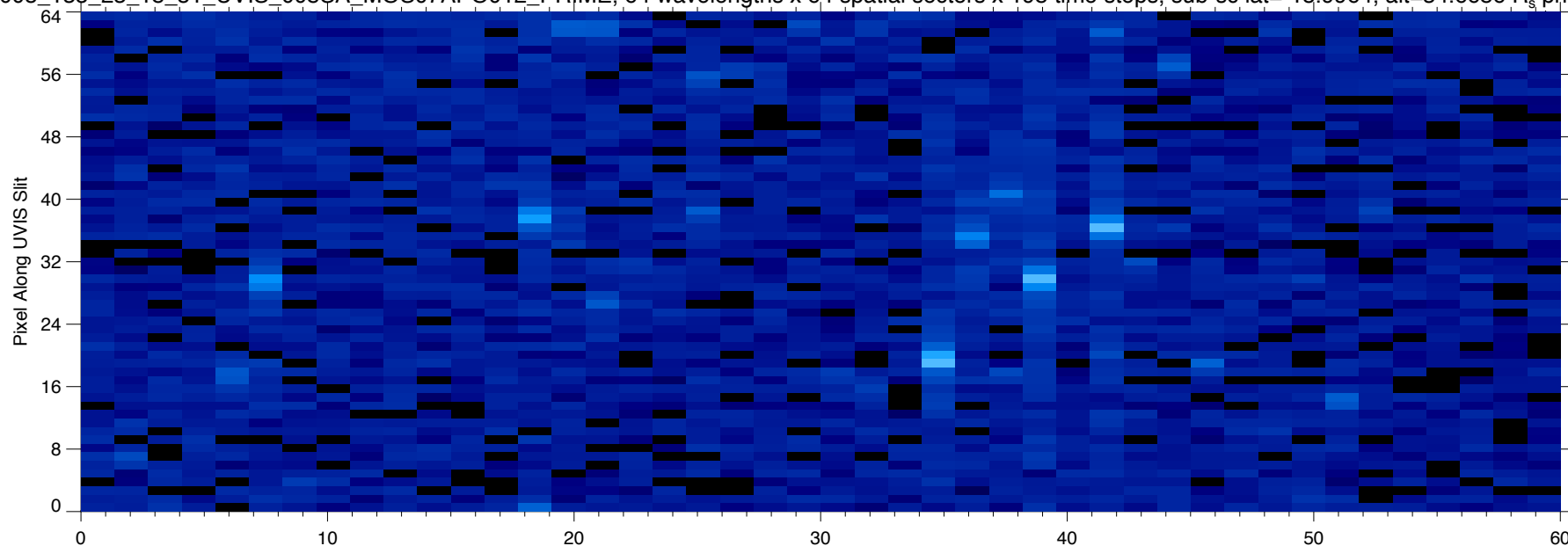
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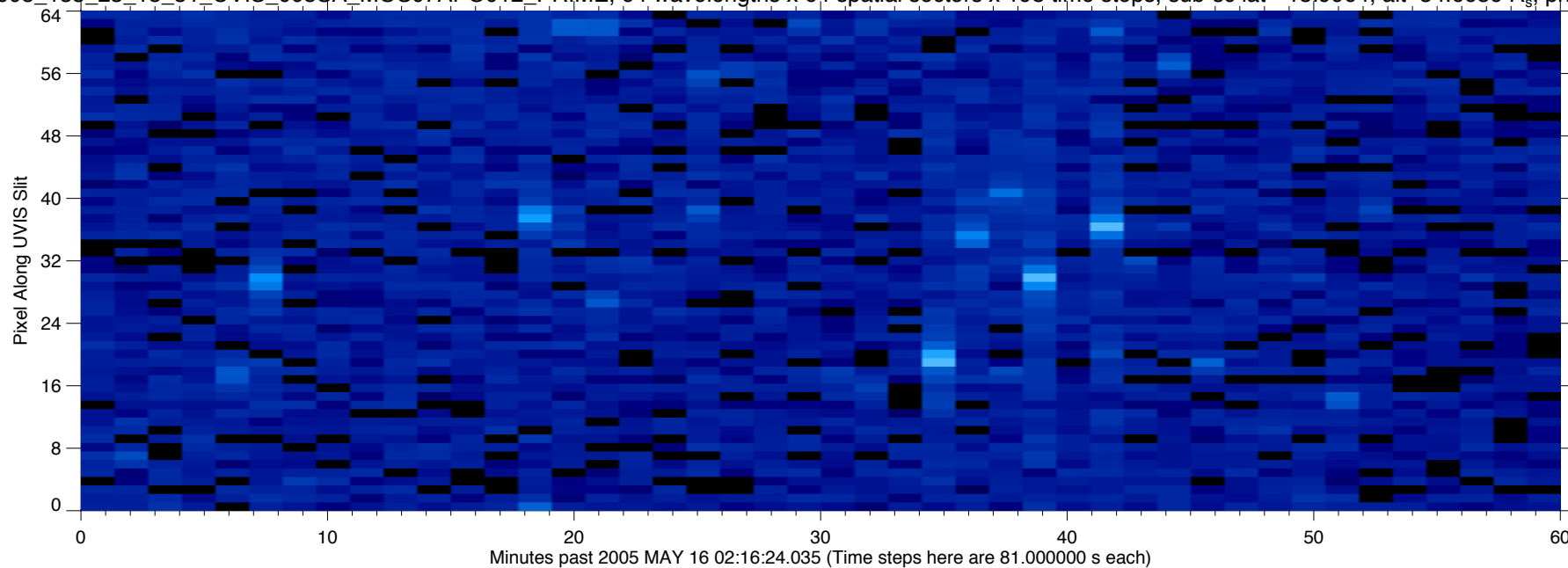
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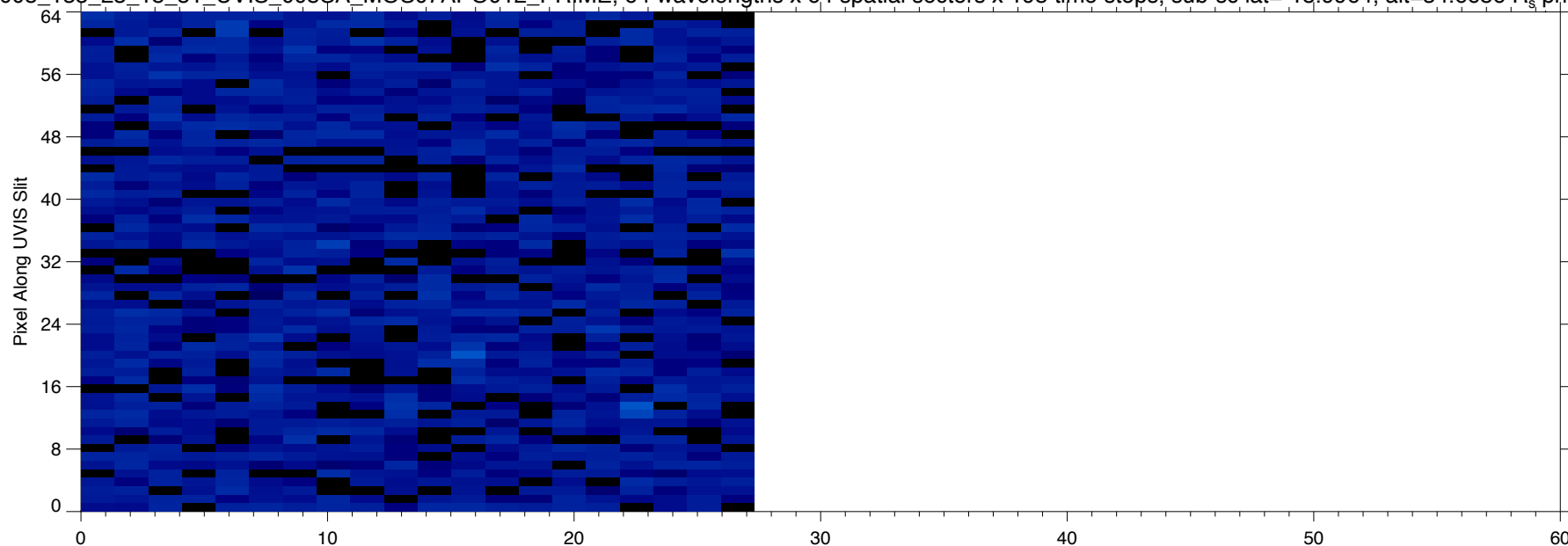
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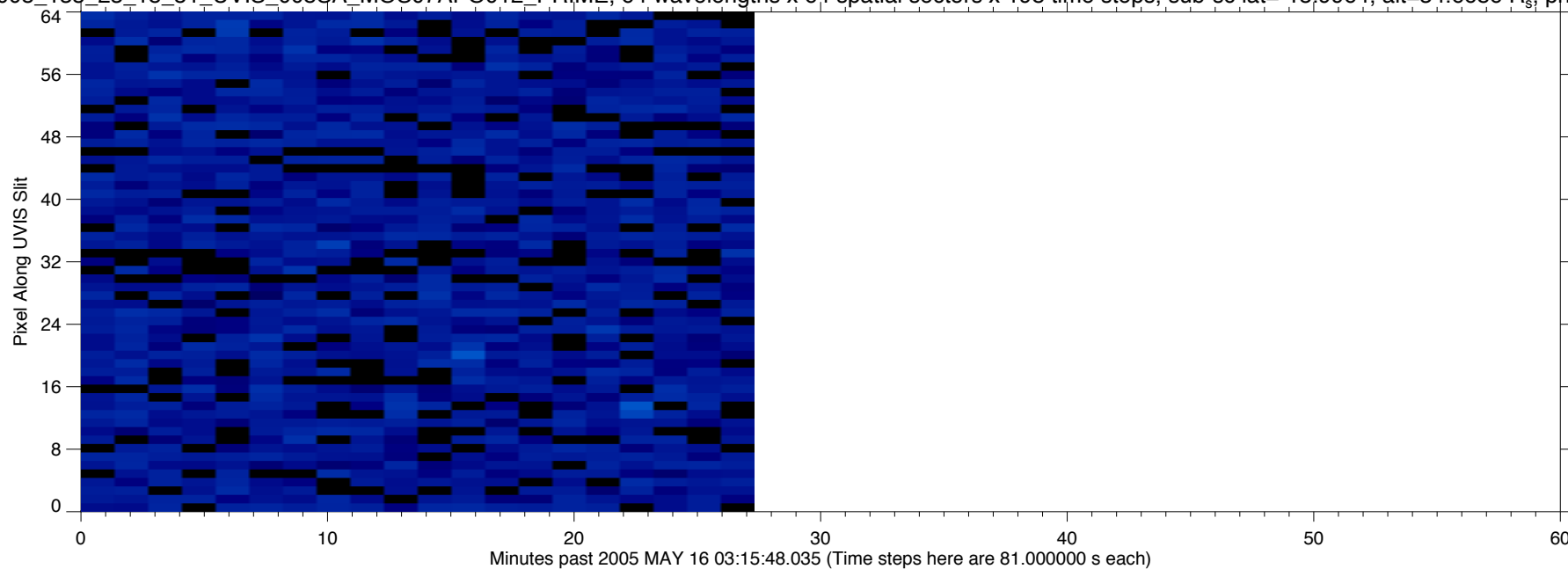
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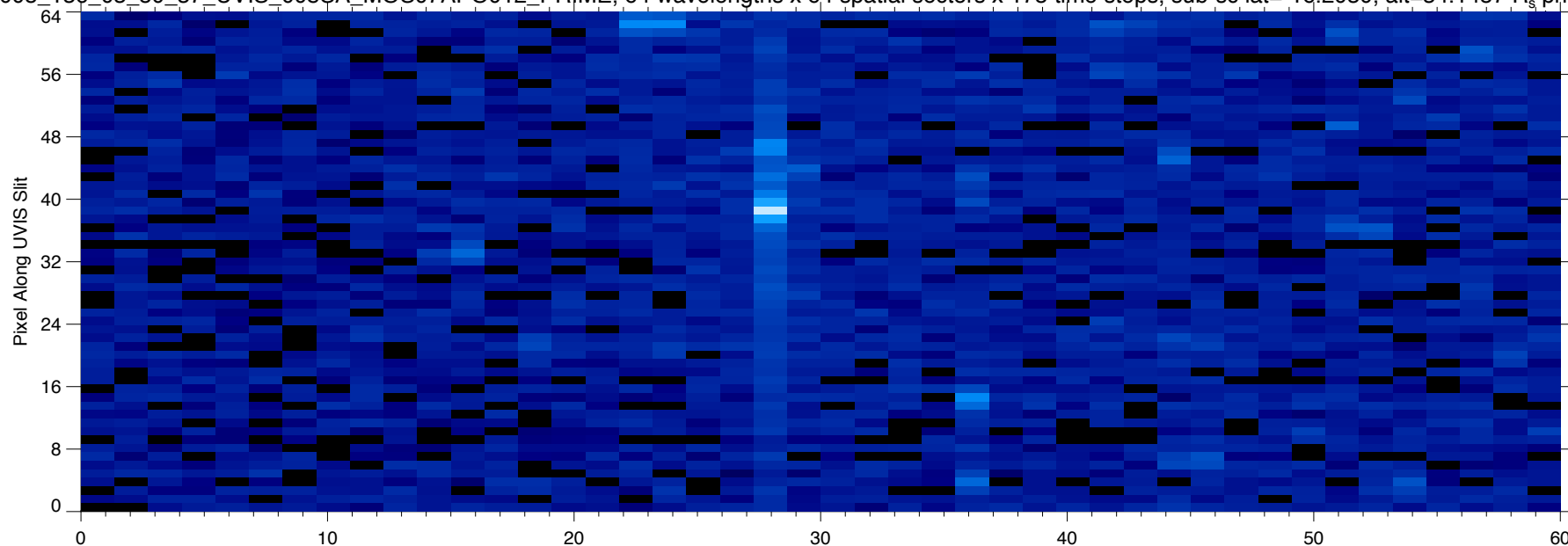
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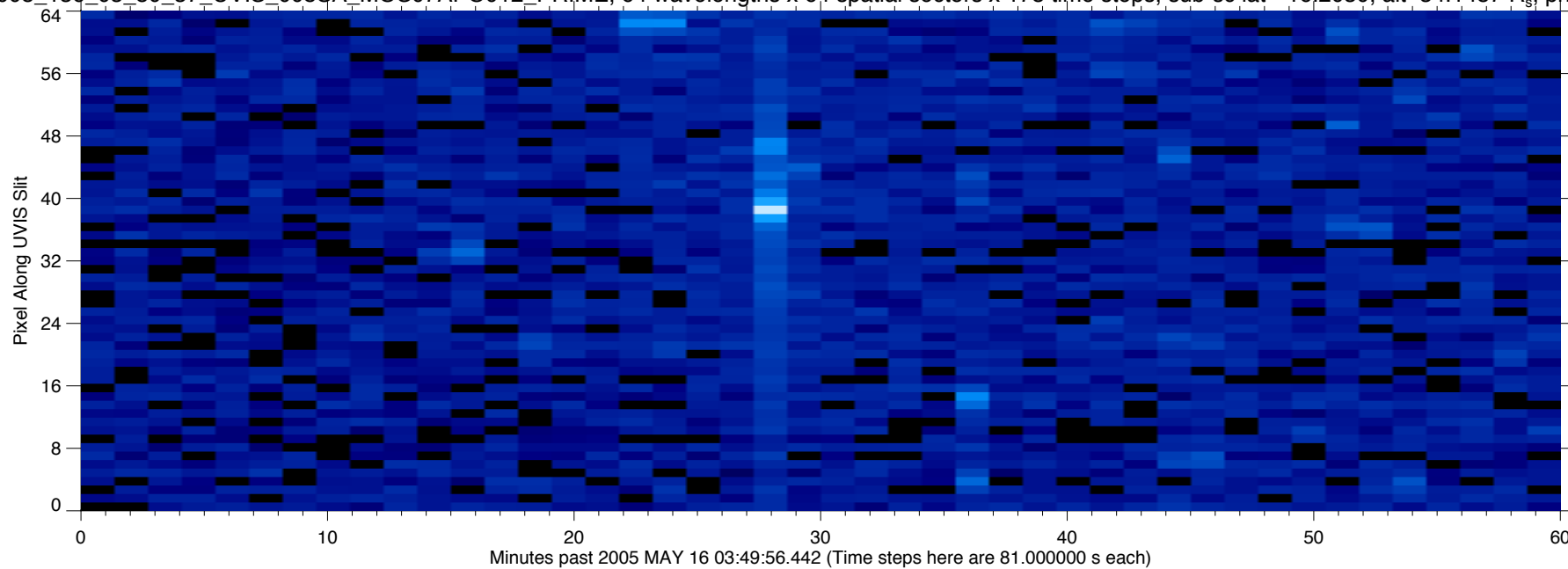
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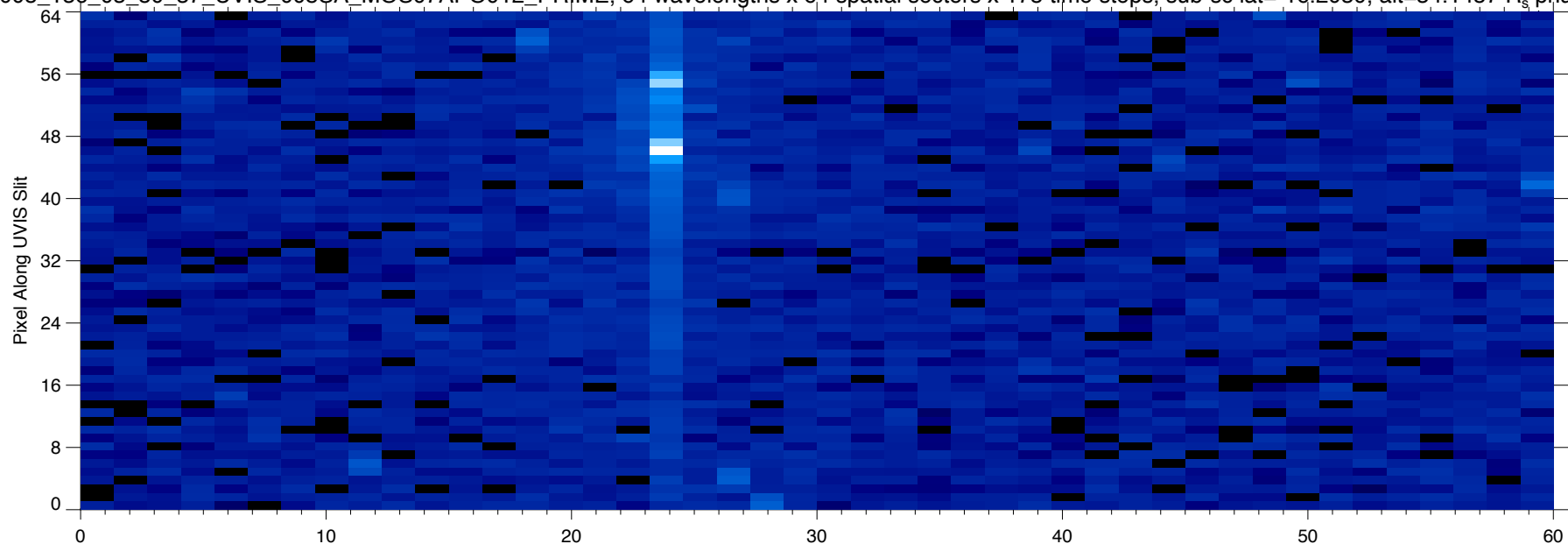
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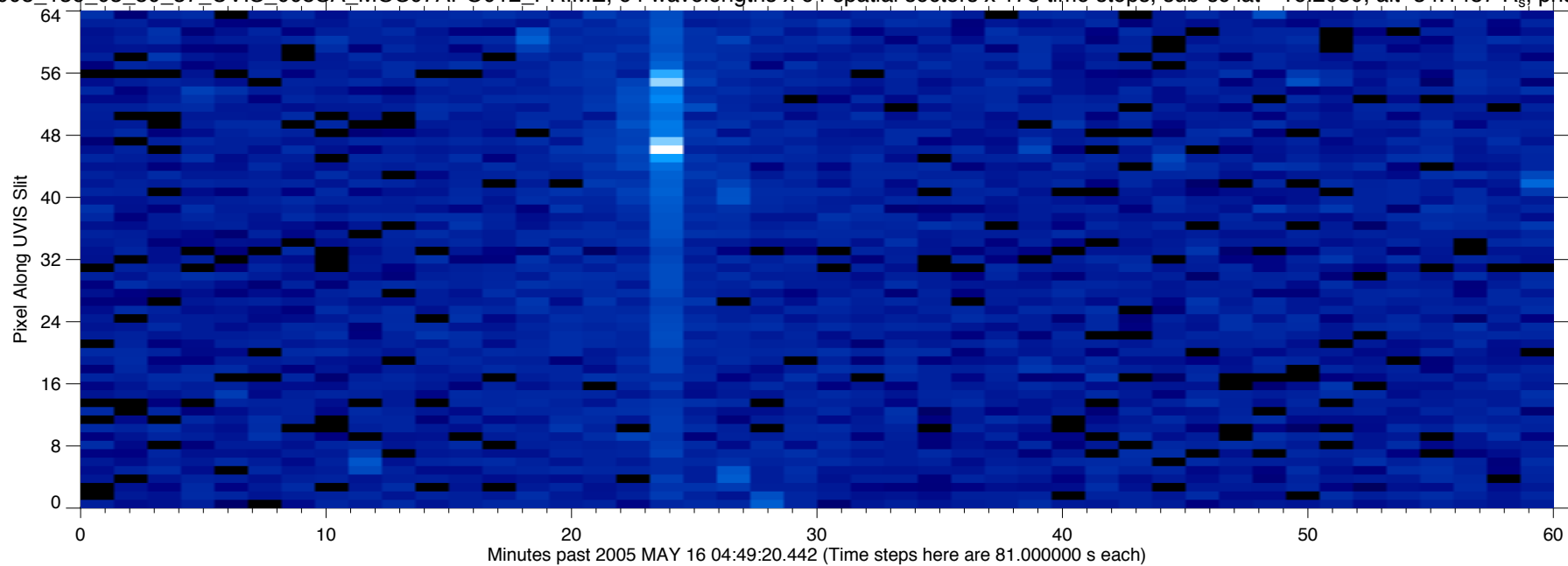
FUV2005_136_03_50_37_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 175 time steps, sub-sc lat=-16.2030, alt=34.1457 R_s phase=51.4354



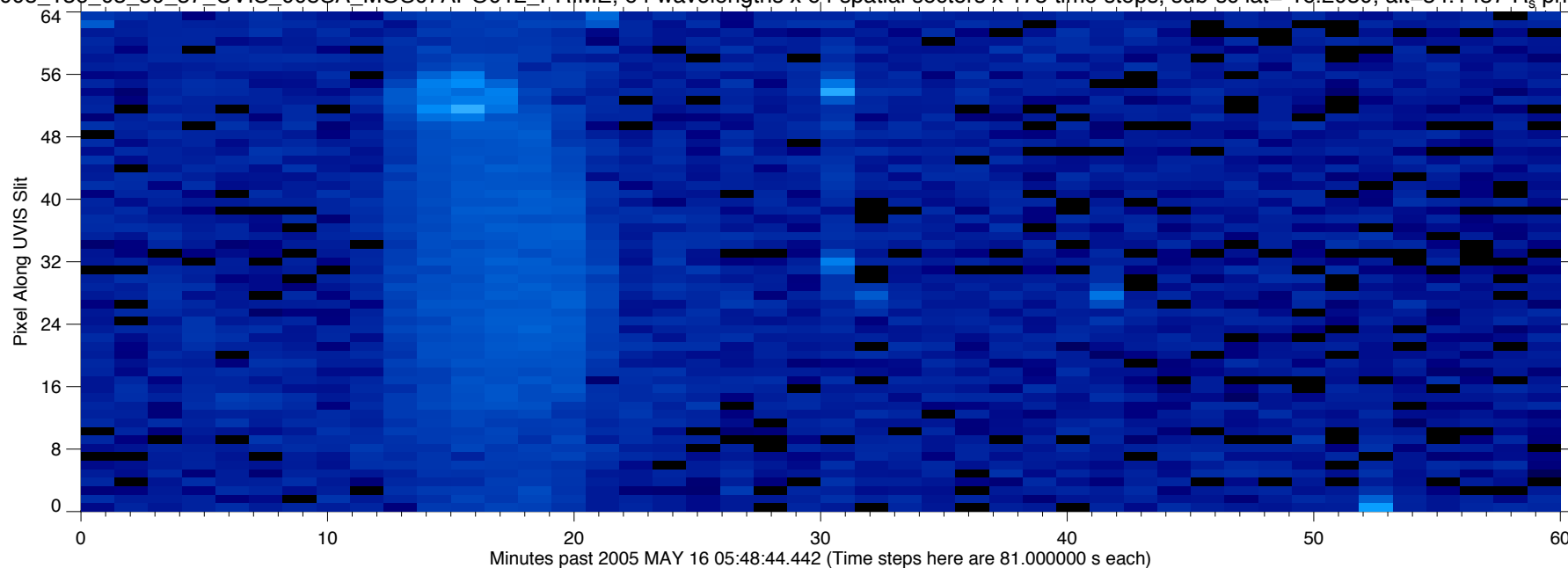
FUV2005_136_03_50_37_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 175 time steps, sub-sc lat=-16.2030, alt=34.1457 R_s phase=51.4354



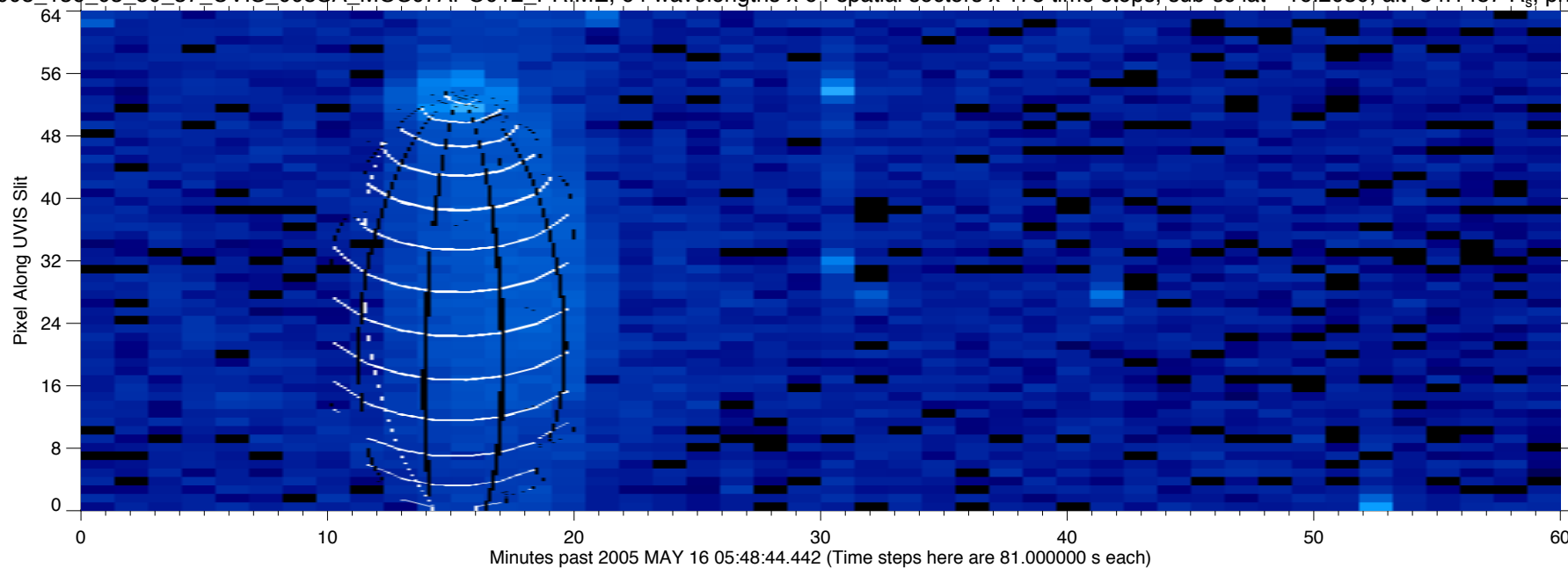
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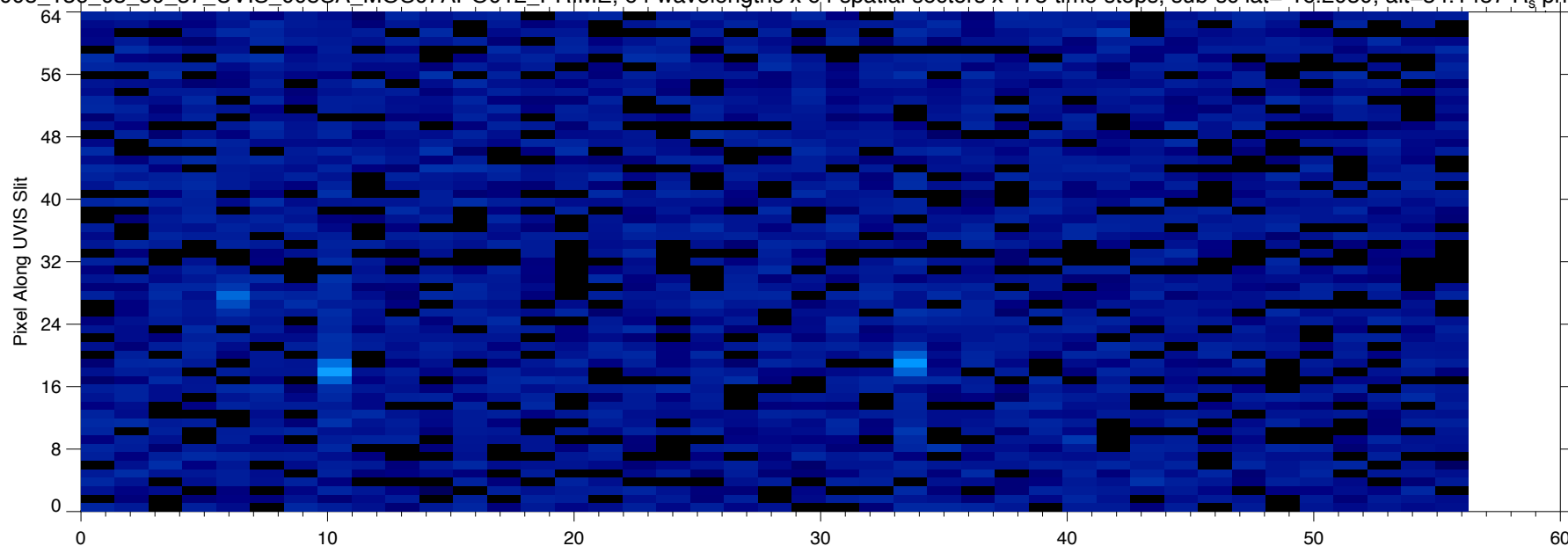
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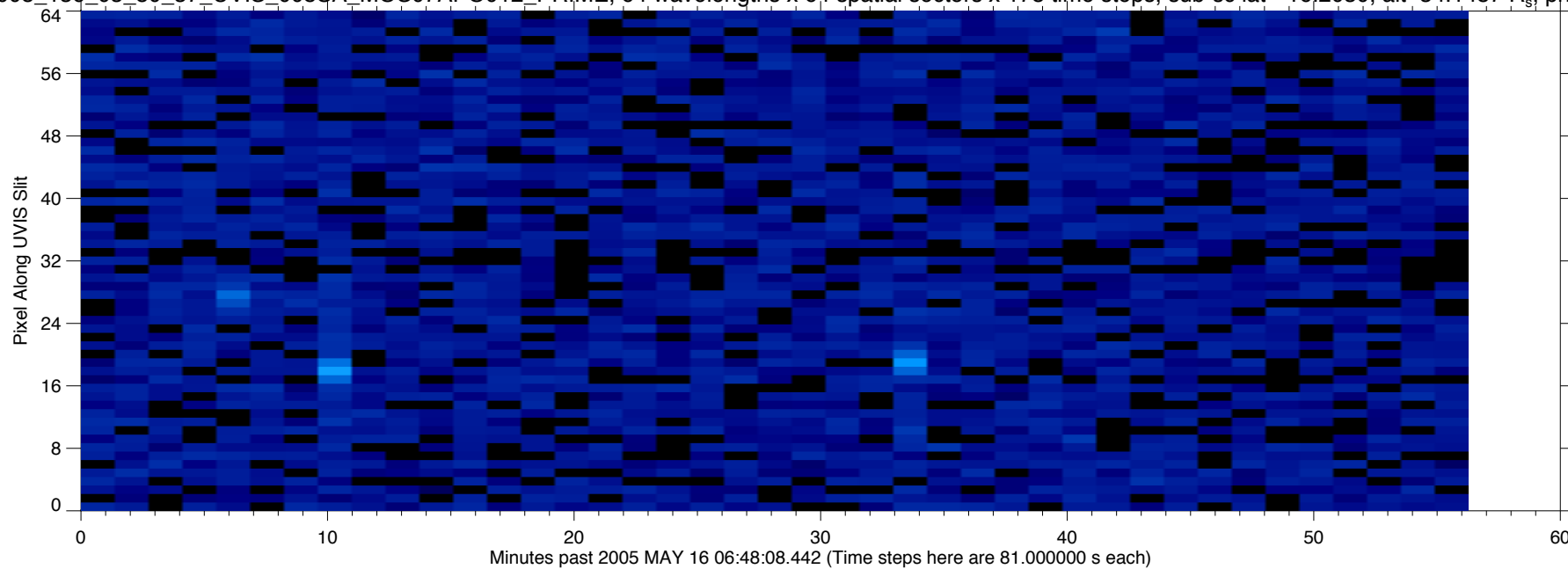
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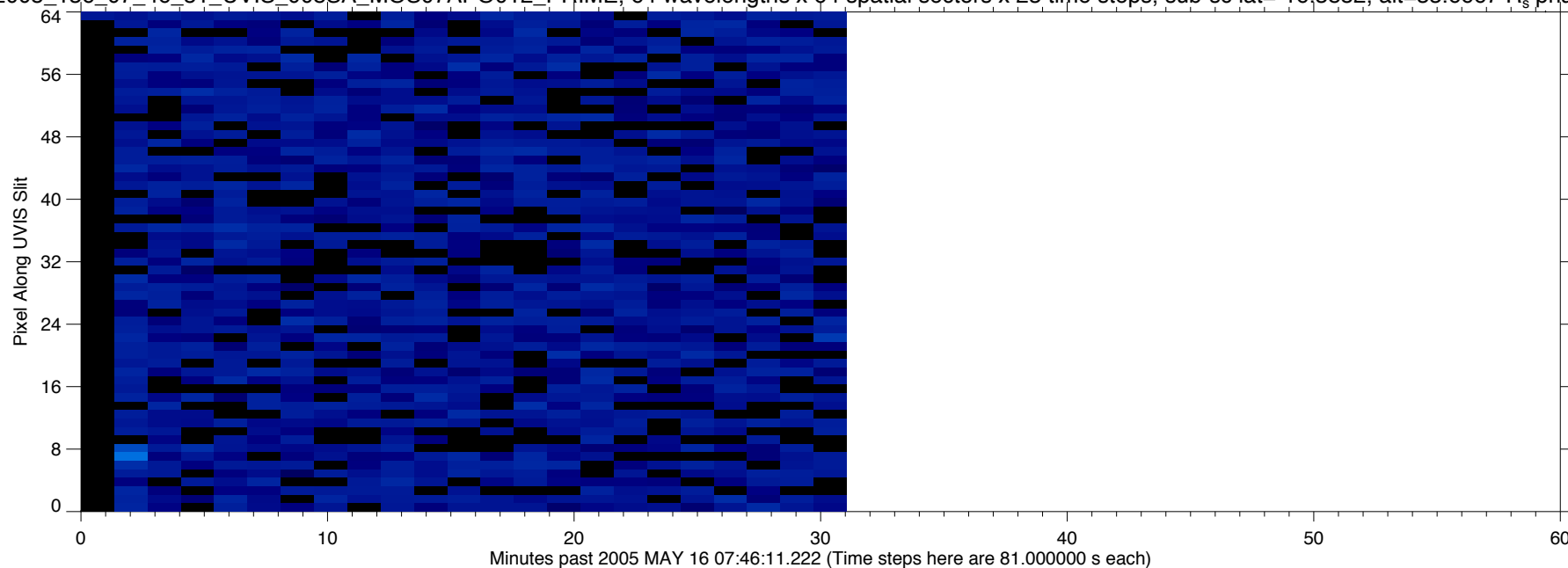
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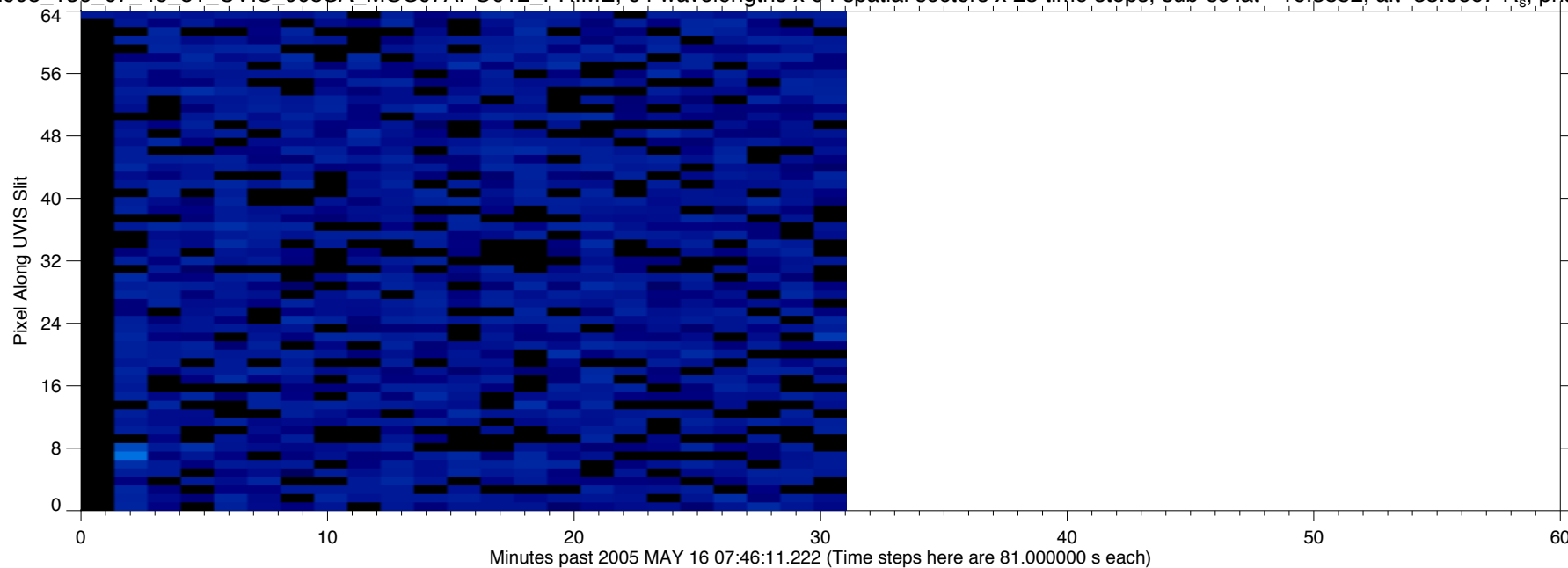
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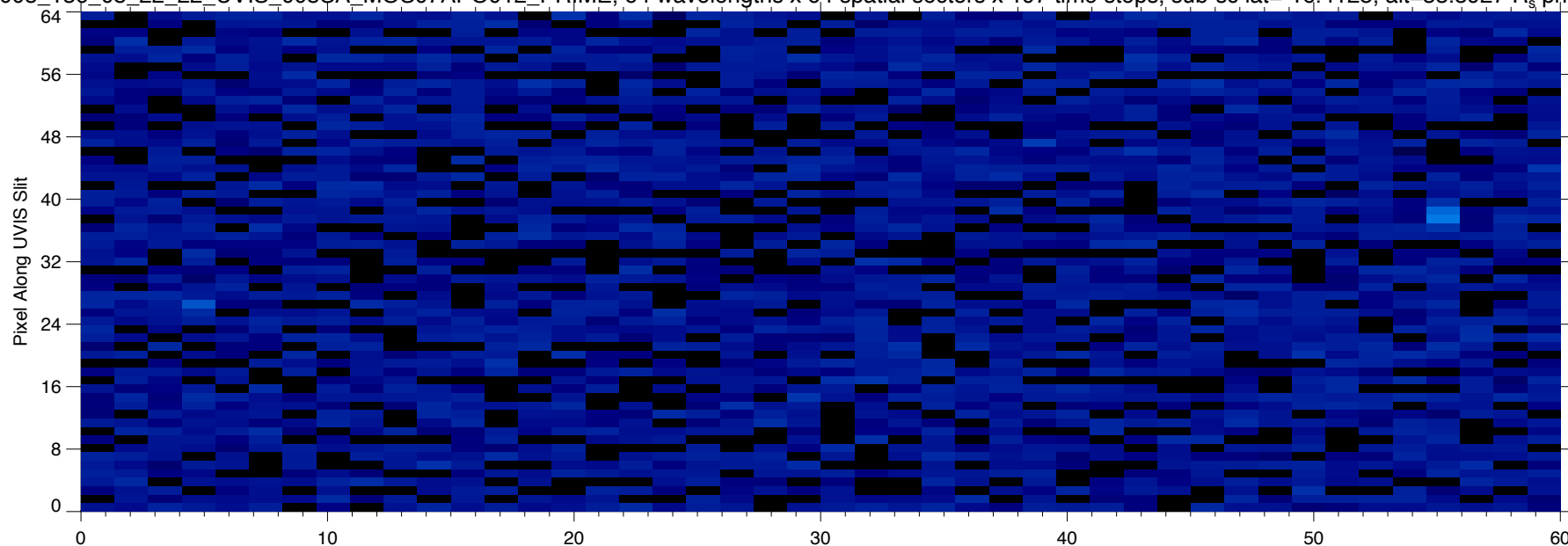
FUV2005_136_07_46_51_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 23 time steps, sub-sc lat=-16.3852, alt=33.6667 R_s, phase=50.7301



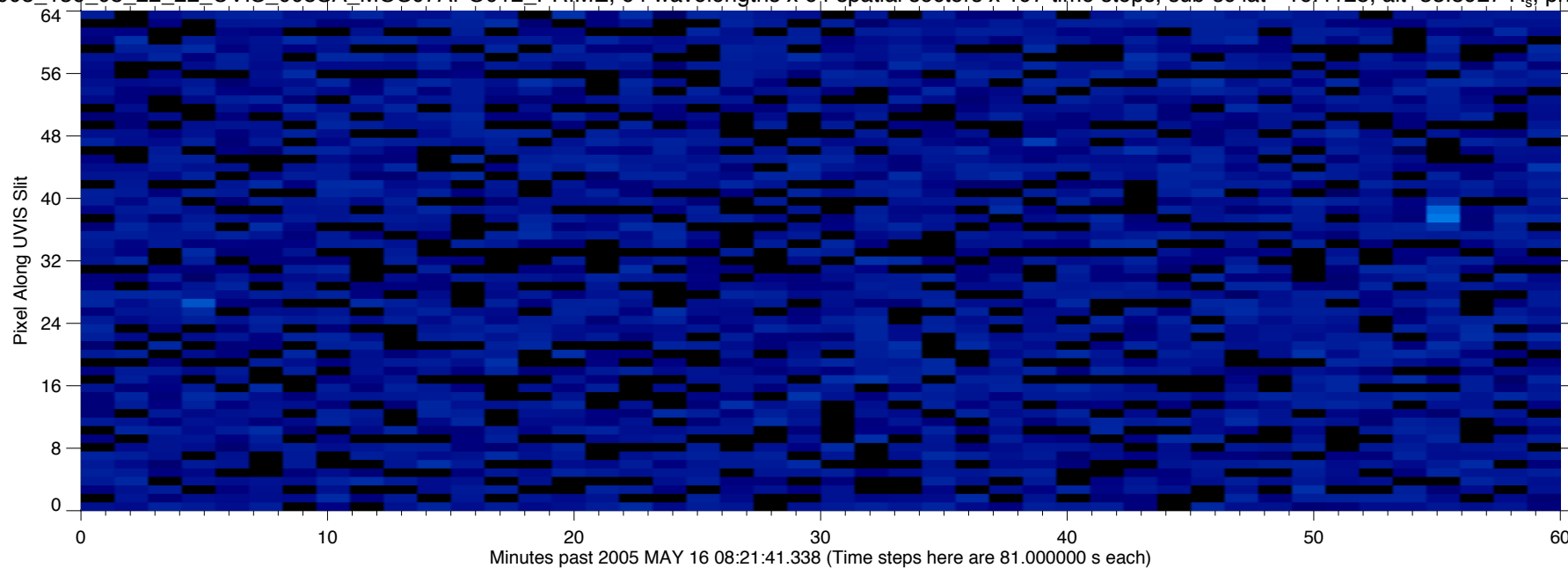
FUV2005_136_07_46_51_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 23 time steps, sub-sc lat=-16.3852, alt=33.6667 R_s, phase=50.7301



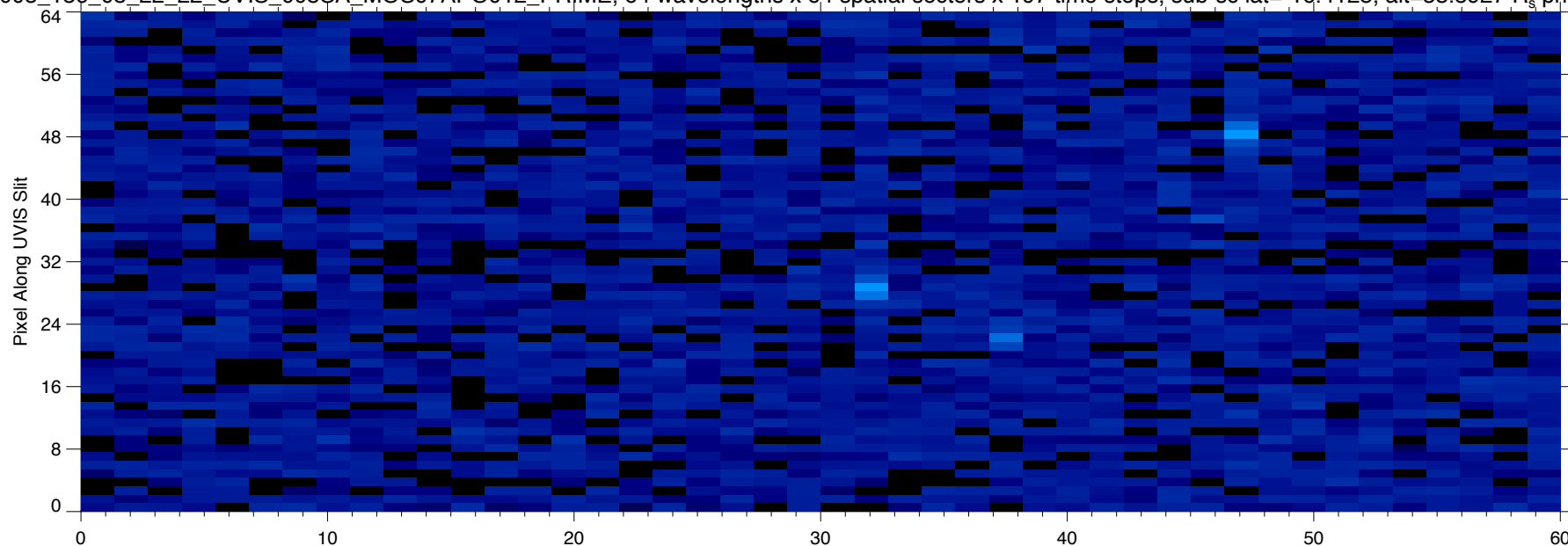
FUV2005_136_08_22_22_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 197 time steps, sub-sc lat=-16.4128, alt=33.5927 R_s phase=50.6223



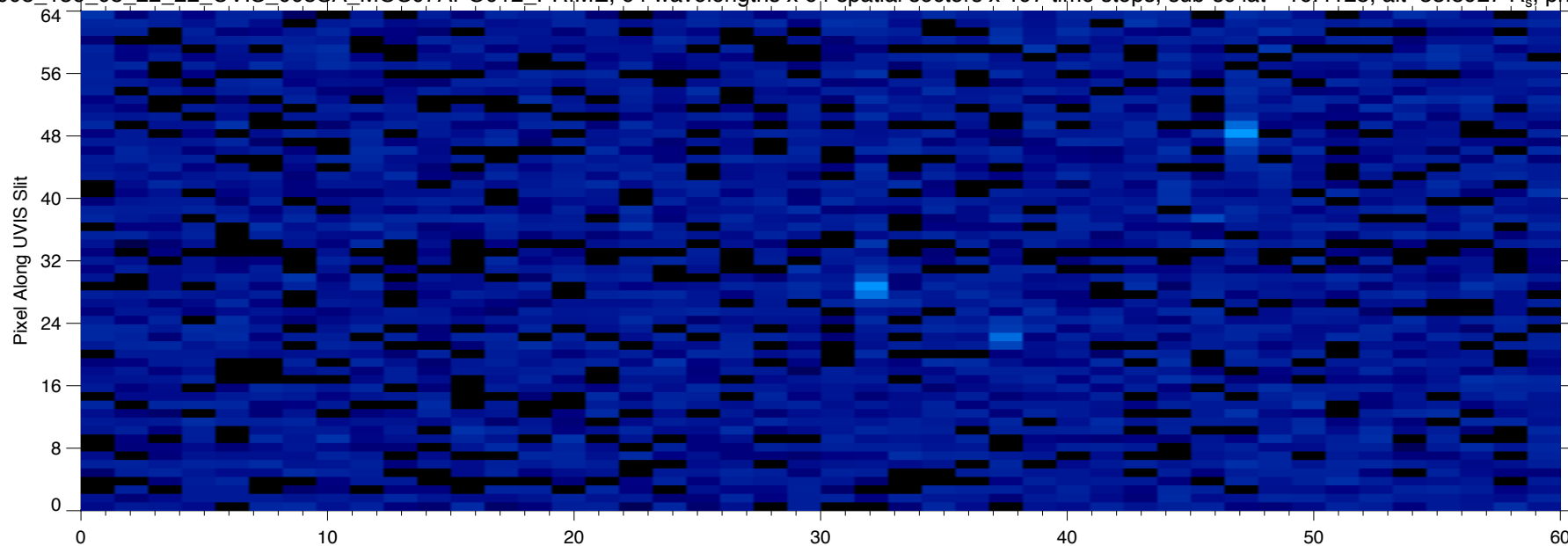
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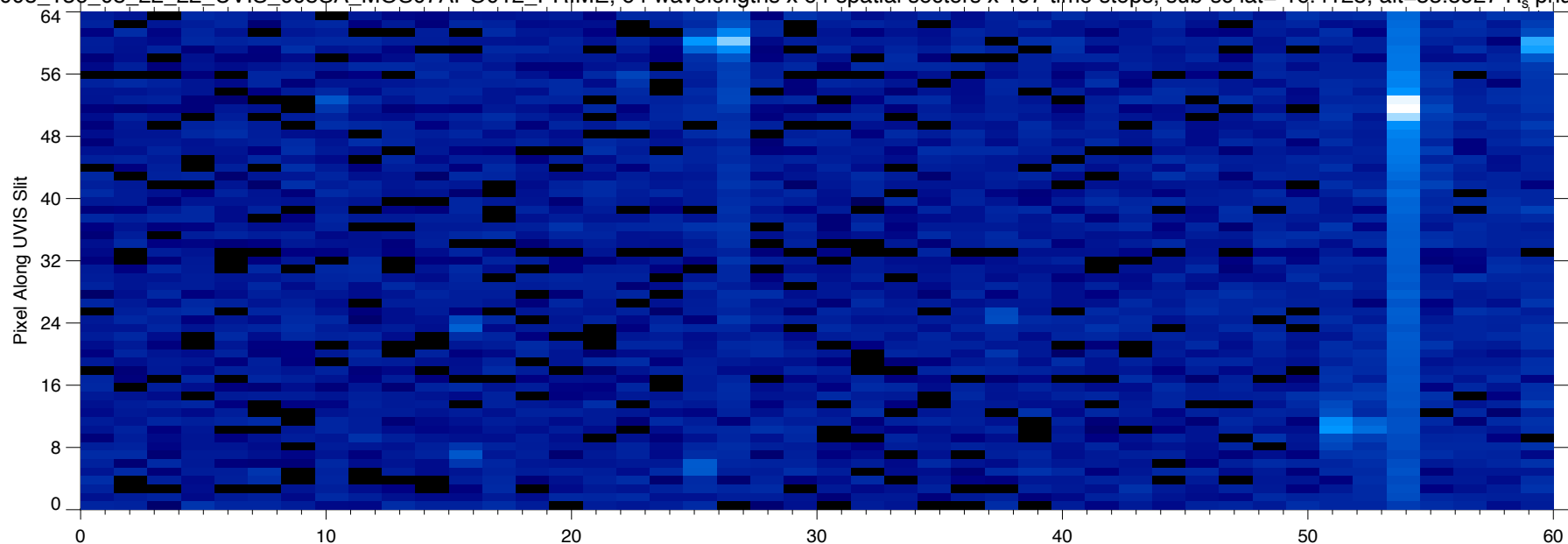
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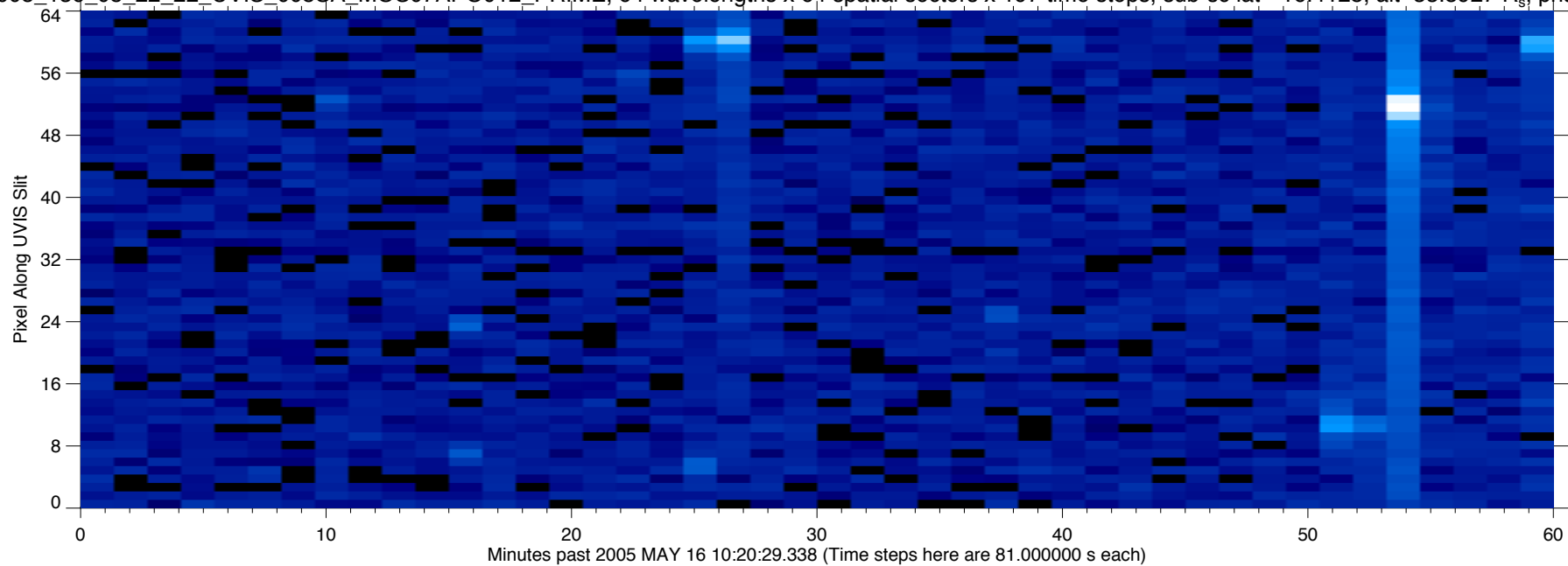
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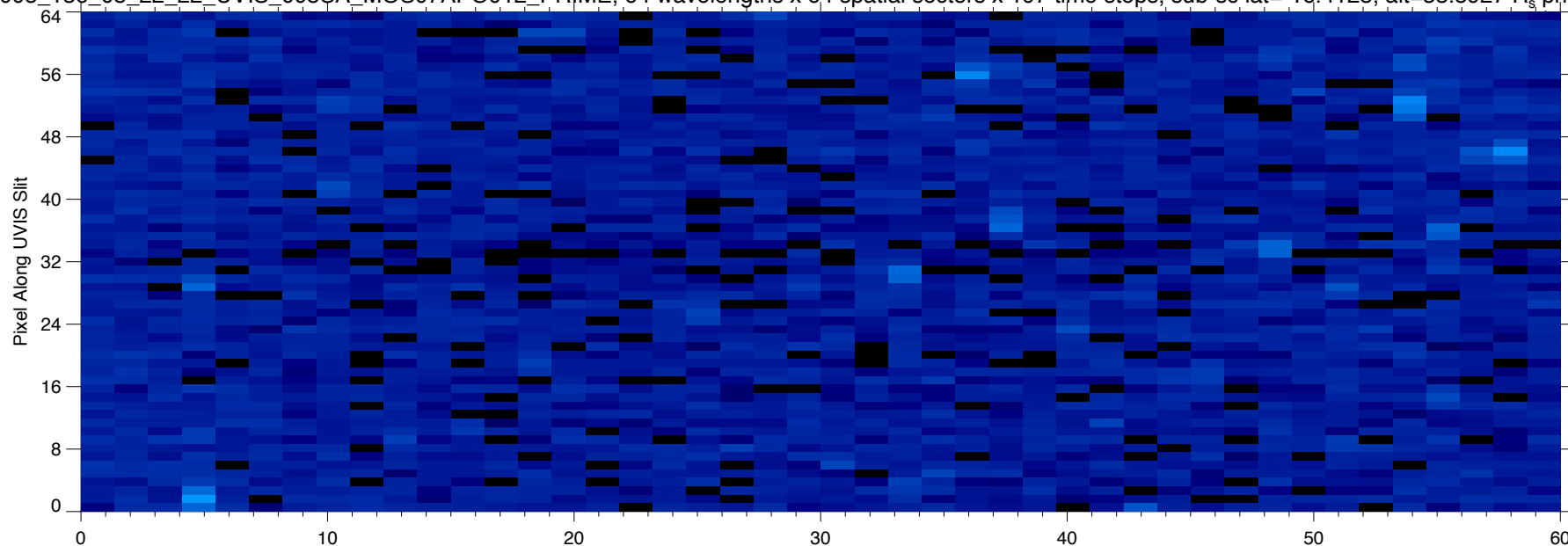
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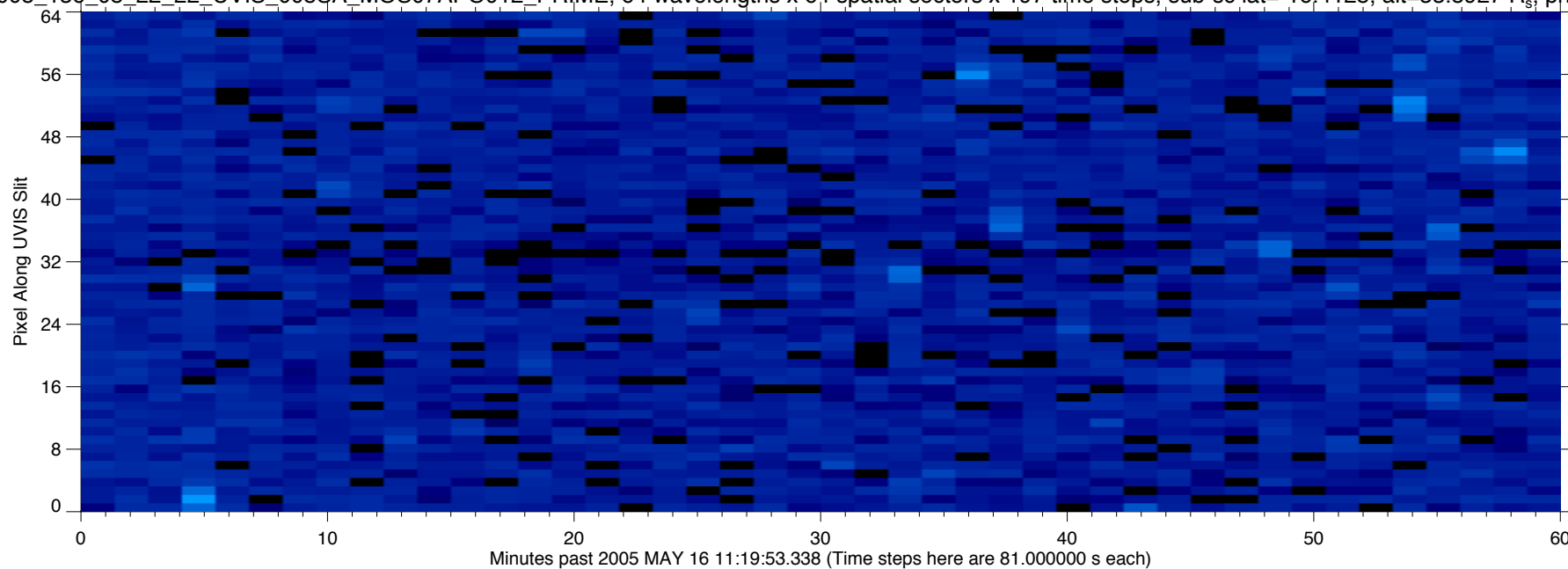
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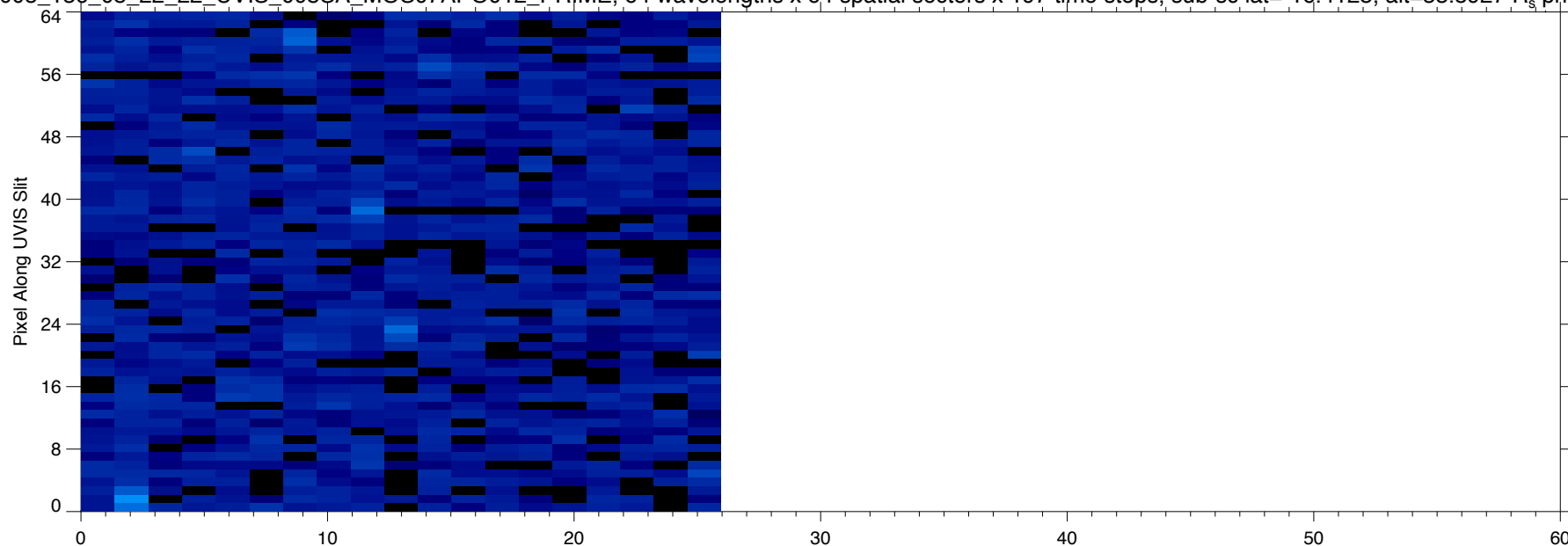
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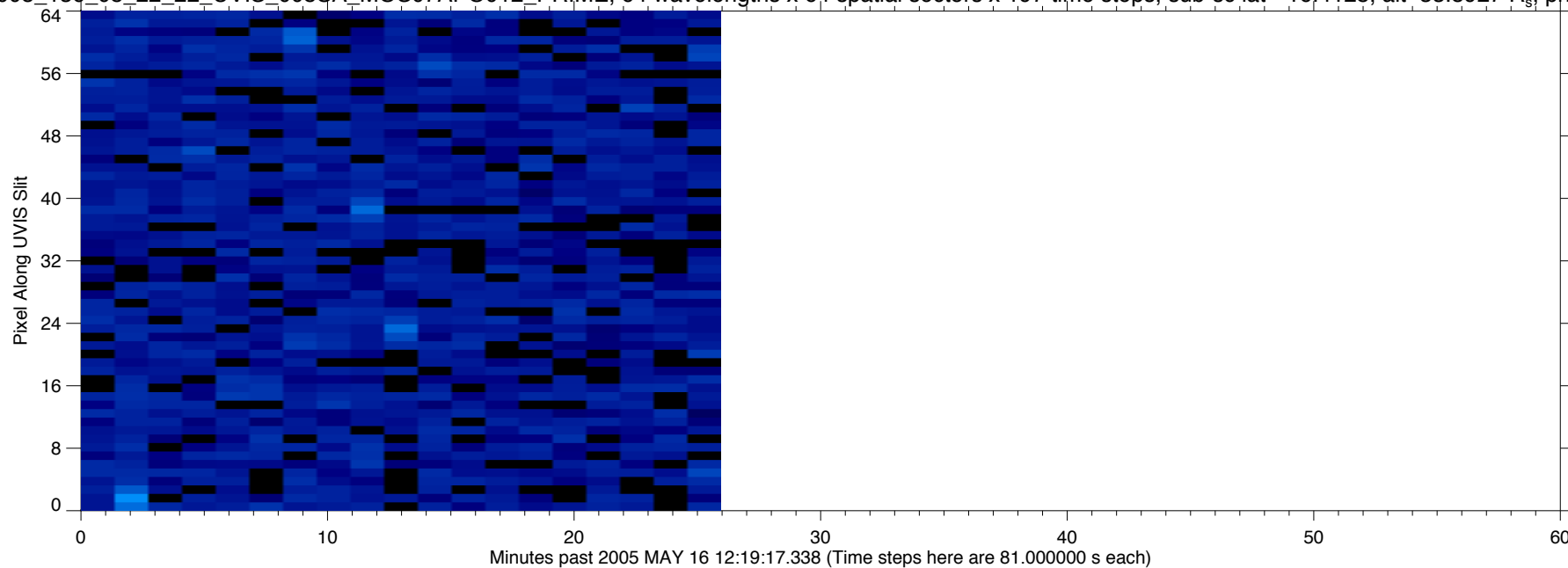
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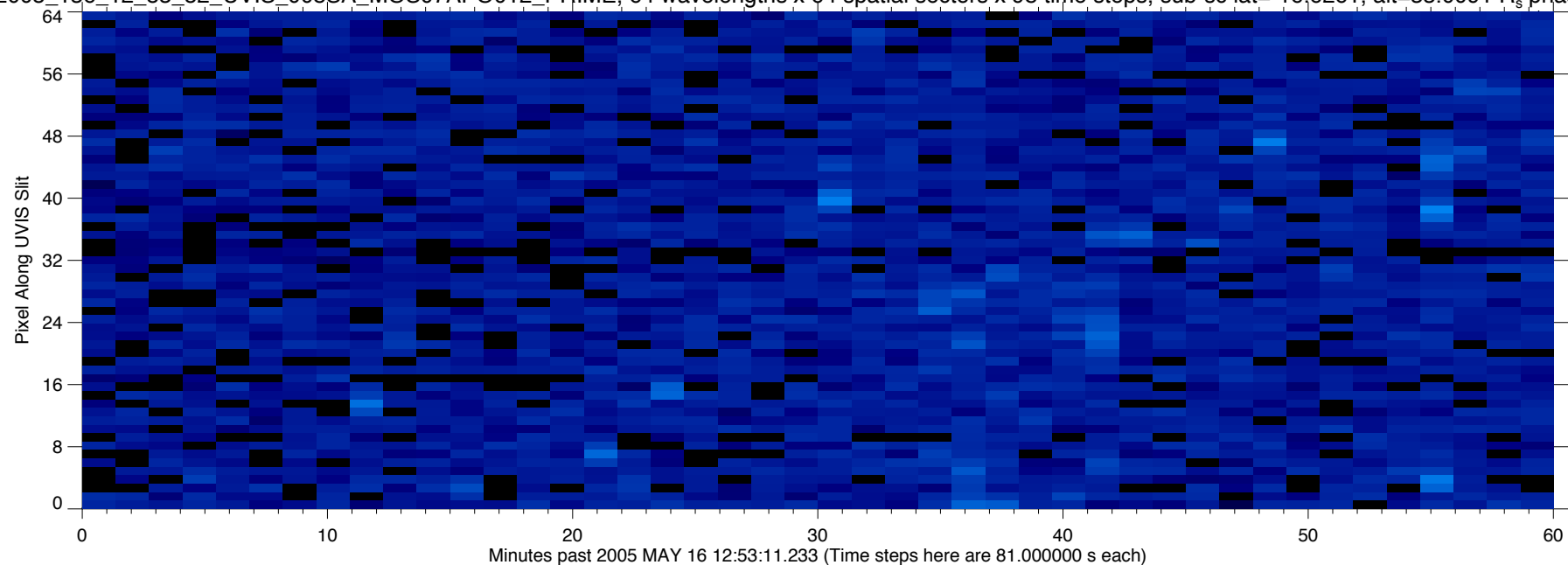
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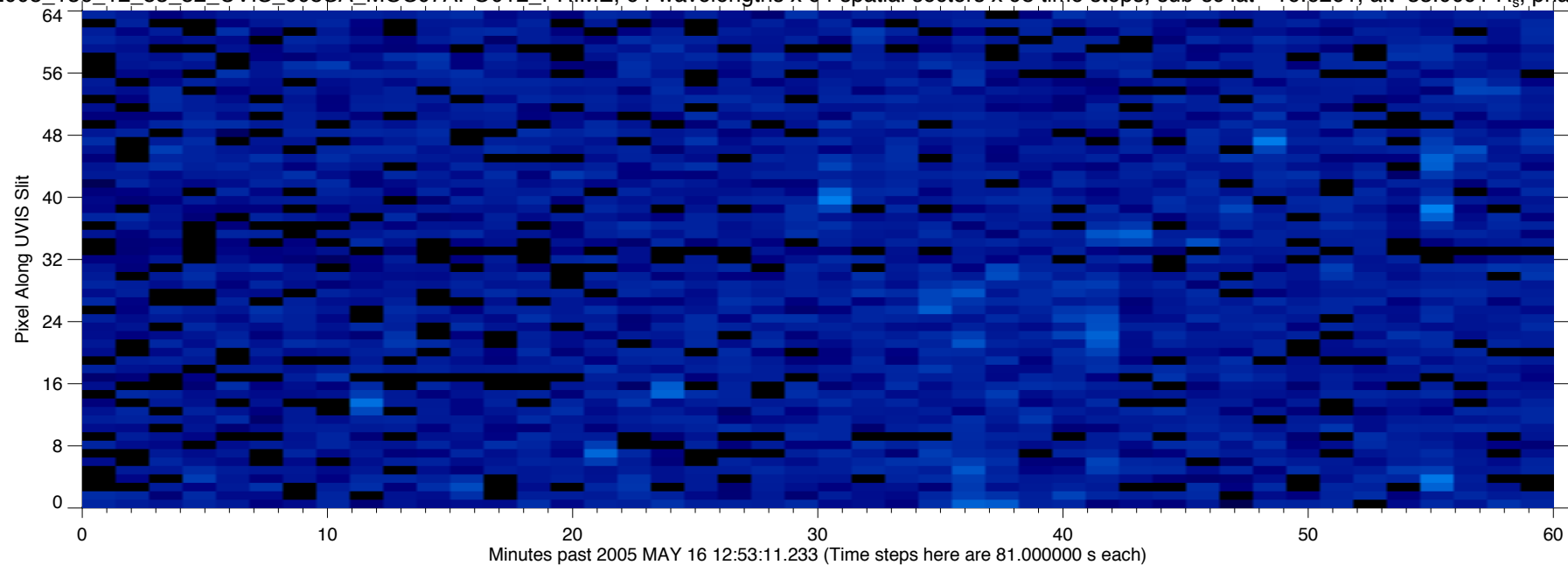
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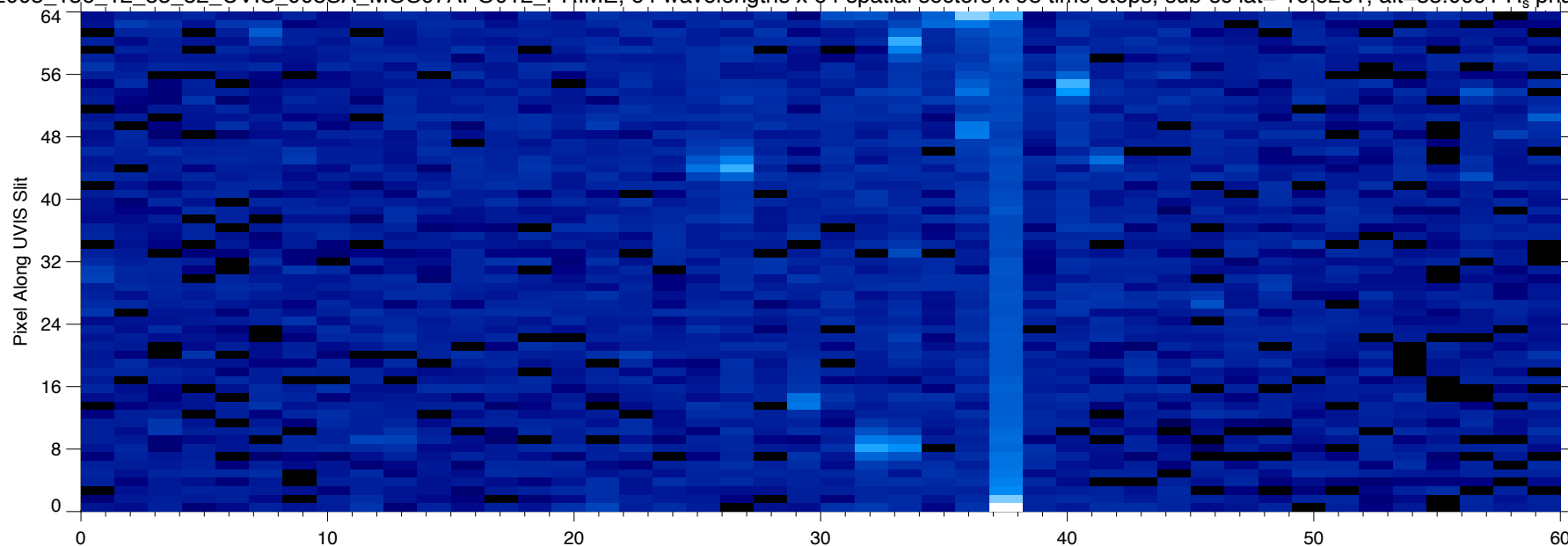
FUV2005_136_12_53_52_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 98 time steps, sub-sc lat=-16.6261, alt=33.0091 R_s phase=49.7826



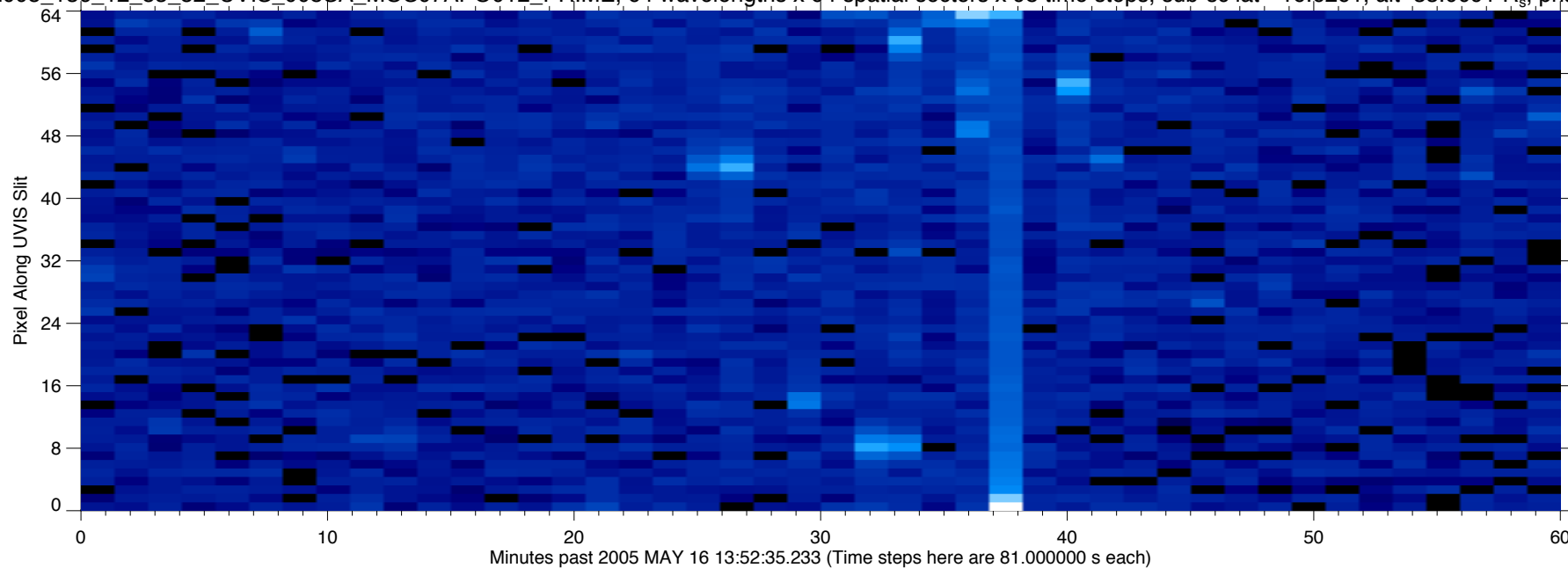
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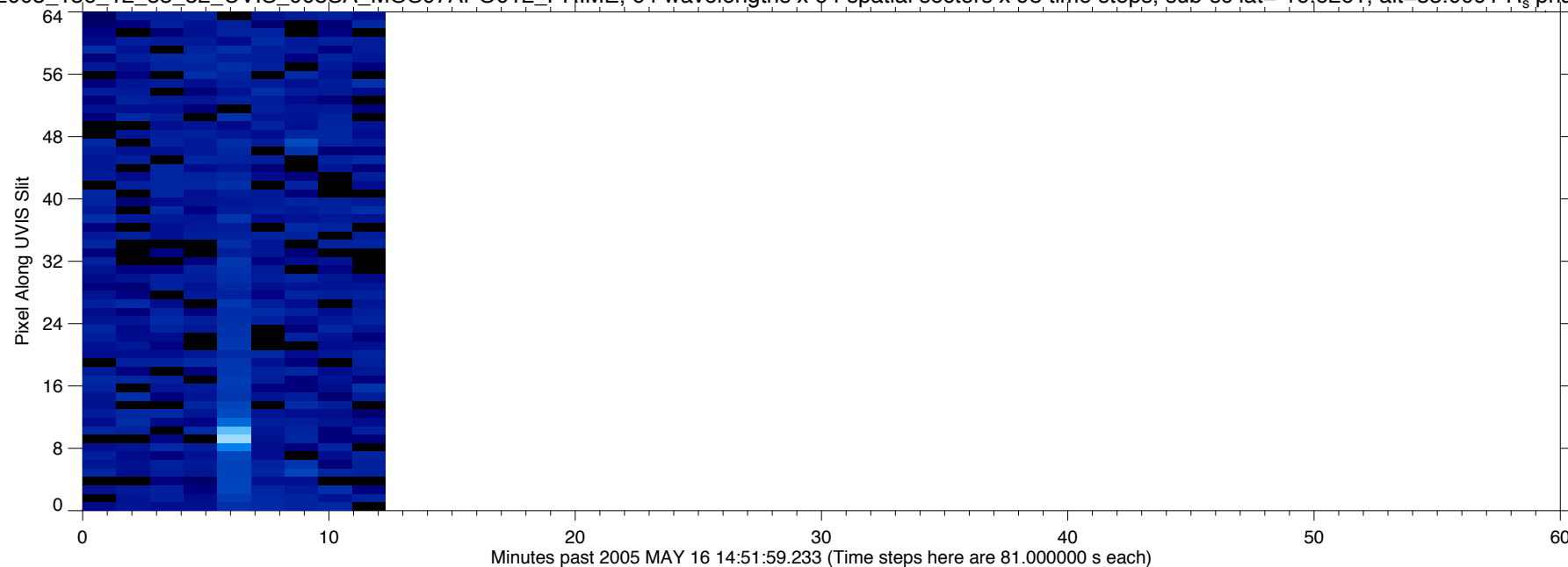
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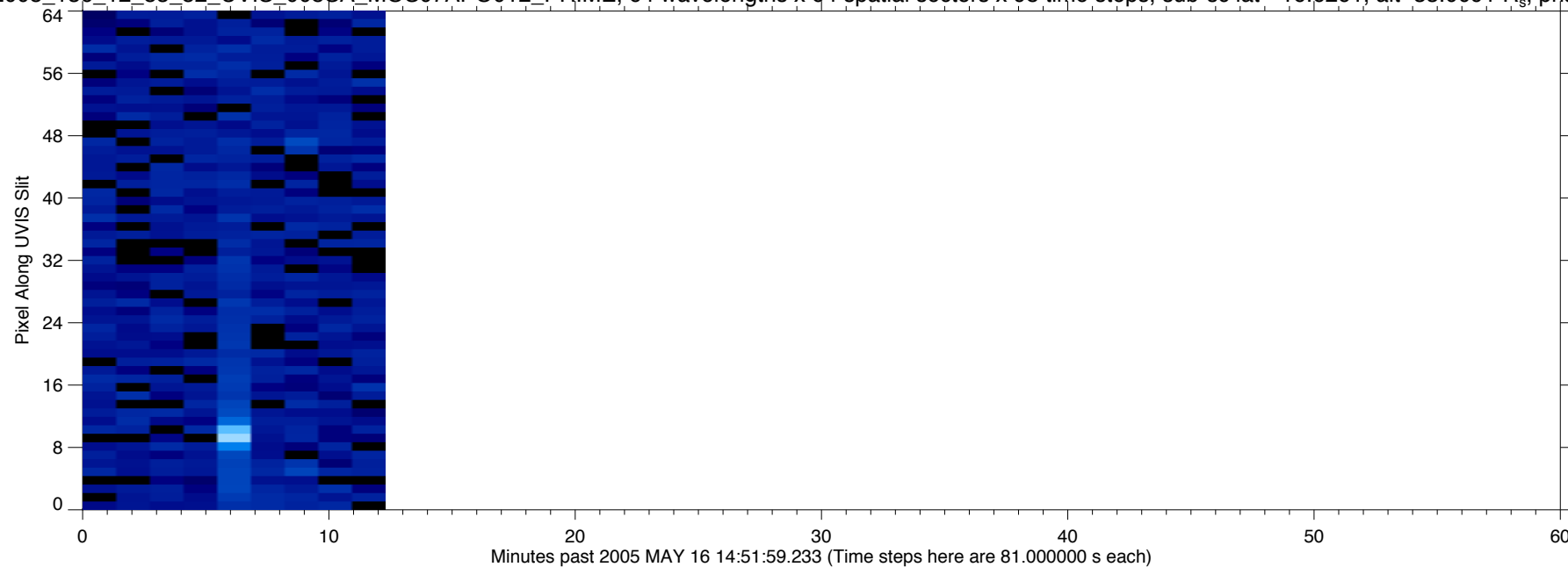
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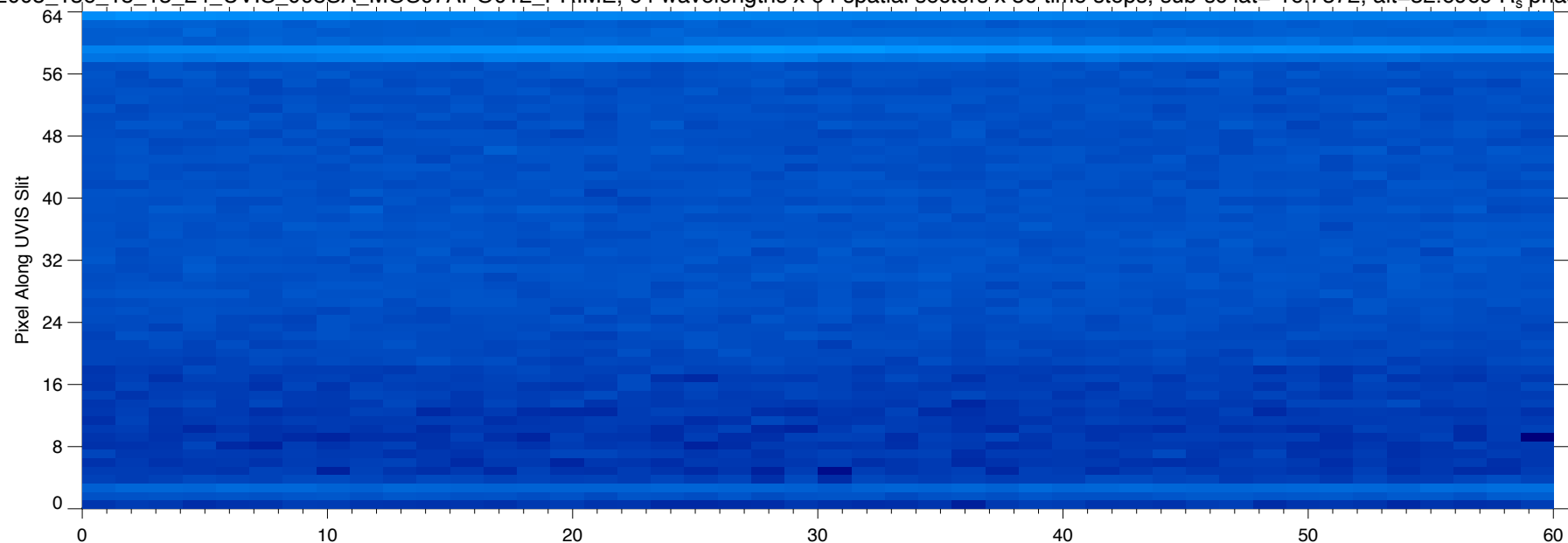
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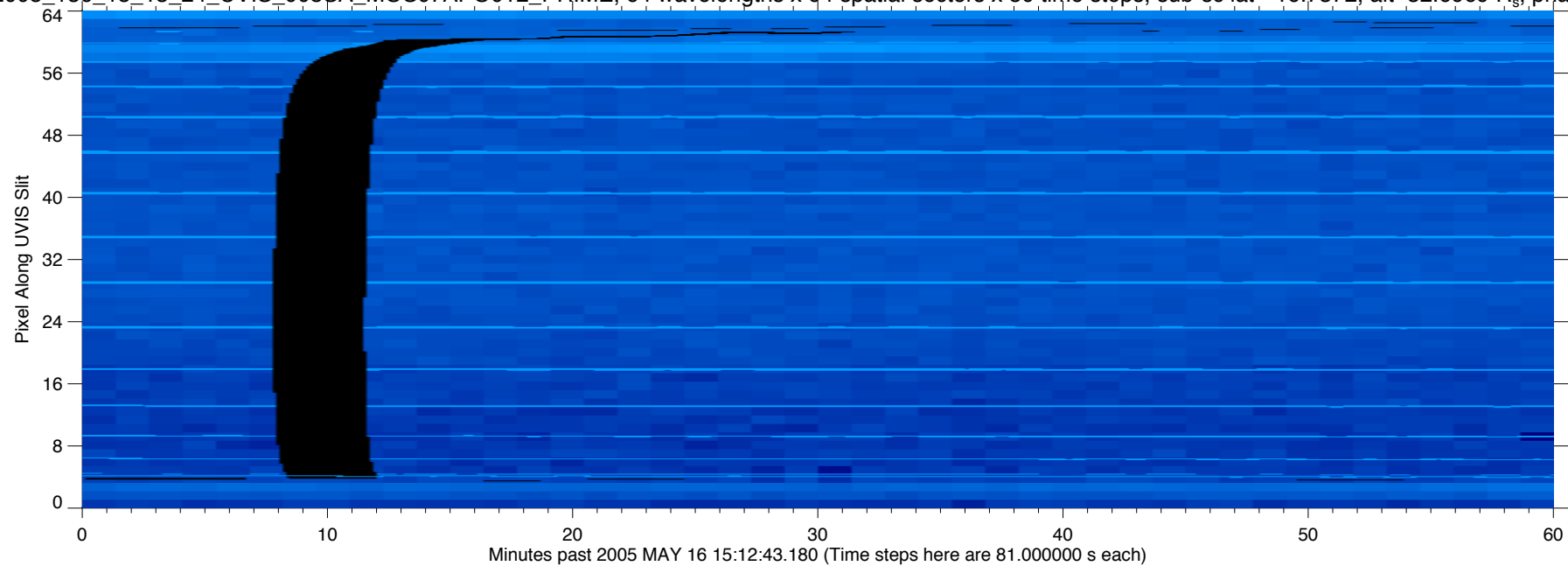
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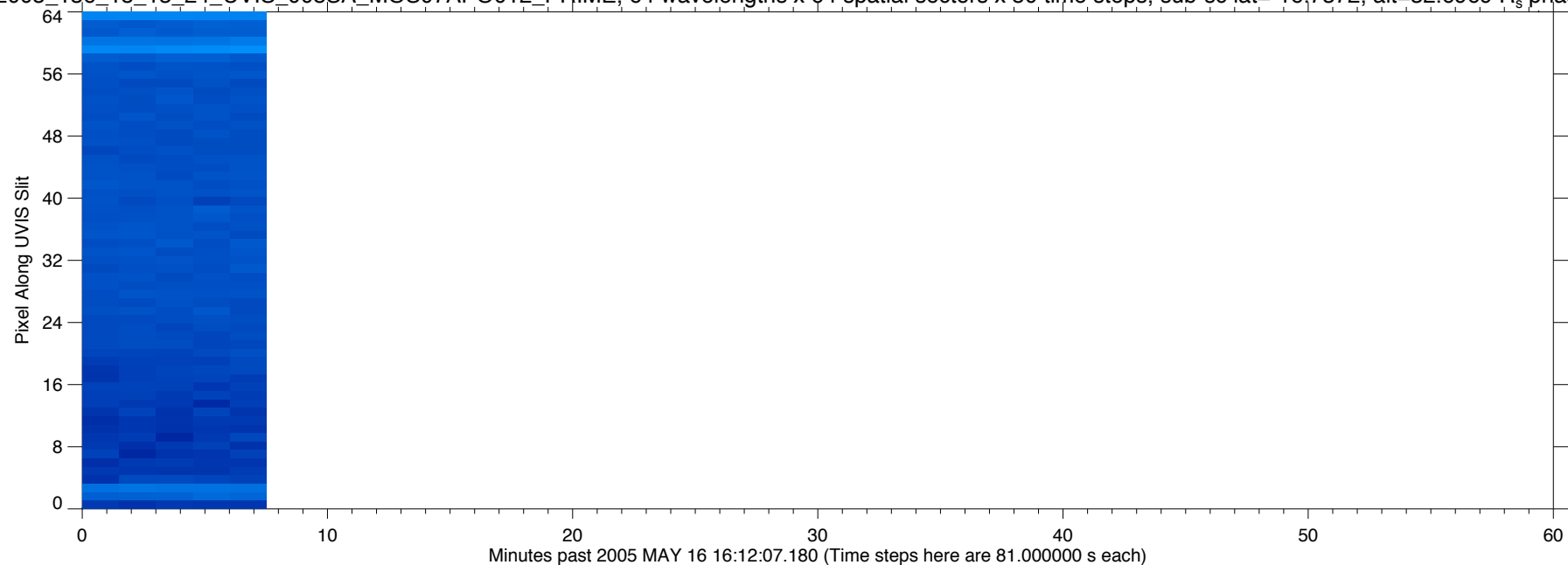
FUV2005_136_15_13_24_UVIS_008SA_MOS07APO012_PRIME, 64 wavelengths x 64 spatial sectors x 50 time steps, sub-sc lat=-16.7372, alt=32.6969 R_s, phase=49.3394



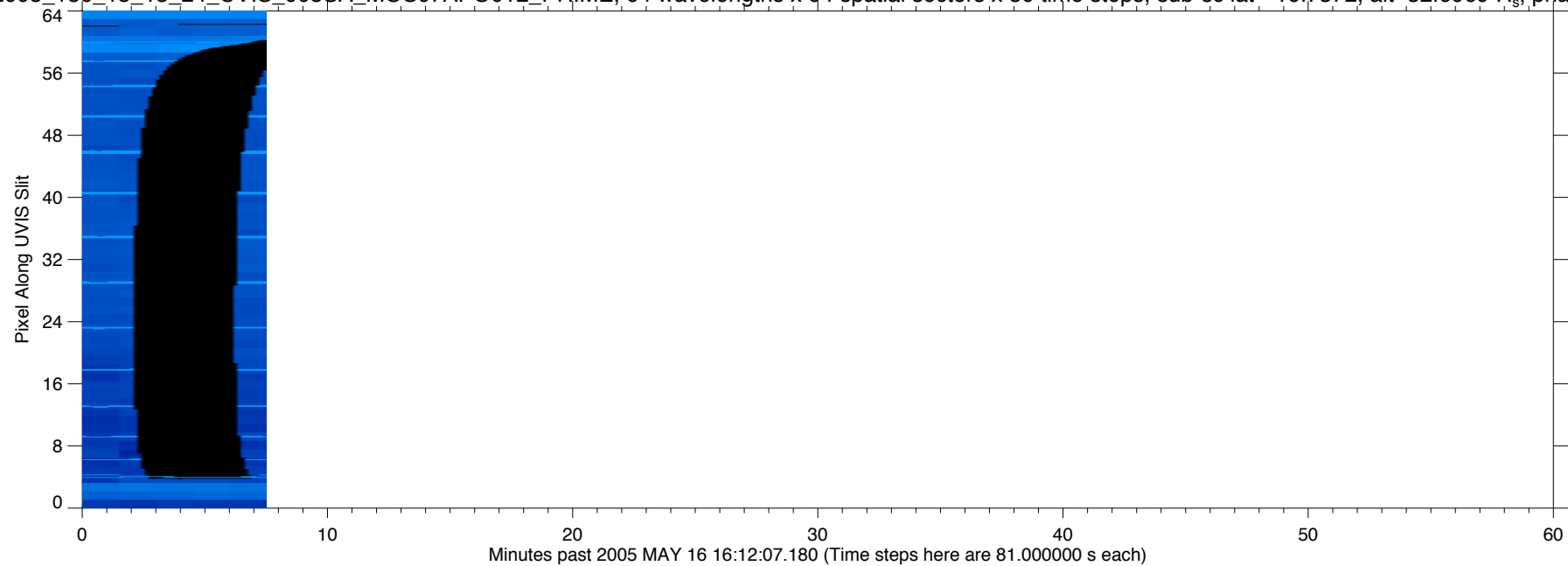
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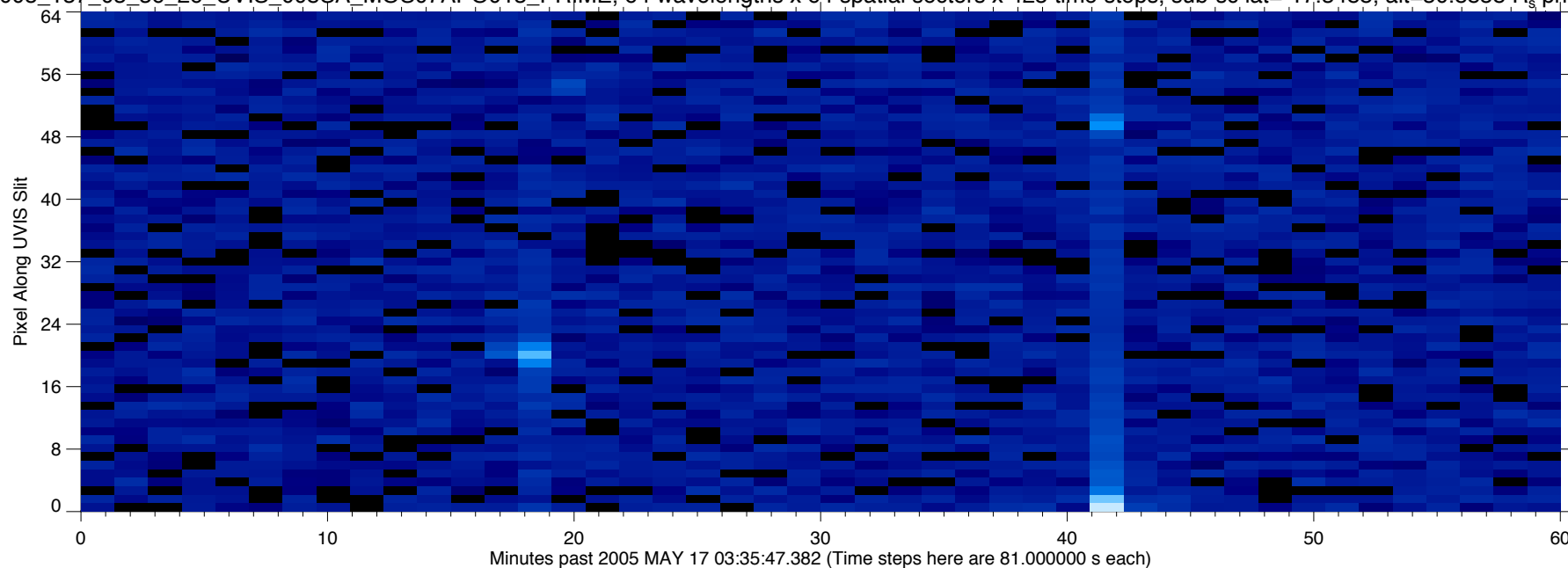
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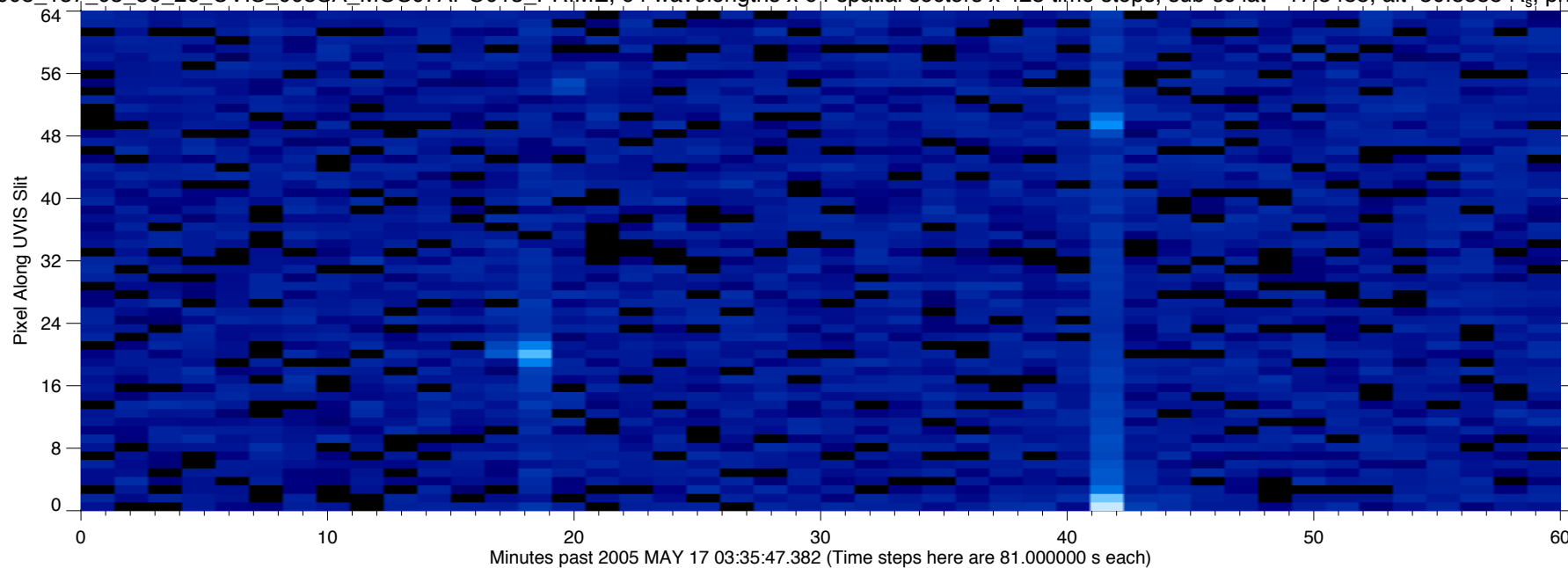
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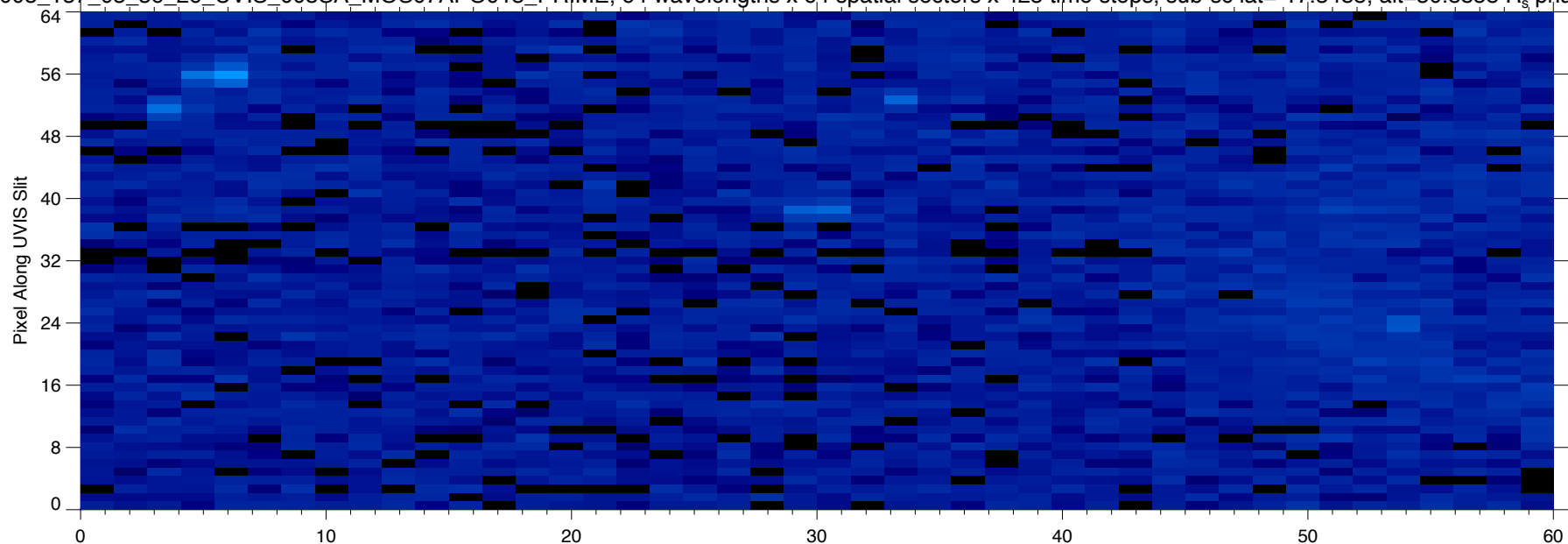
FUV2005_137_03_36_26_UVIS_008SA_MOS07APO013_PRIME, 64 wavelengths x 64 spatial sectors x 425 time steps, sub-sc lat=-17.3488, alt=30.8858 R_s phase=46.8239



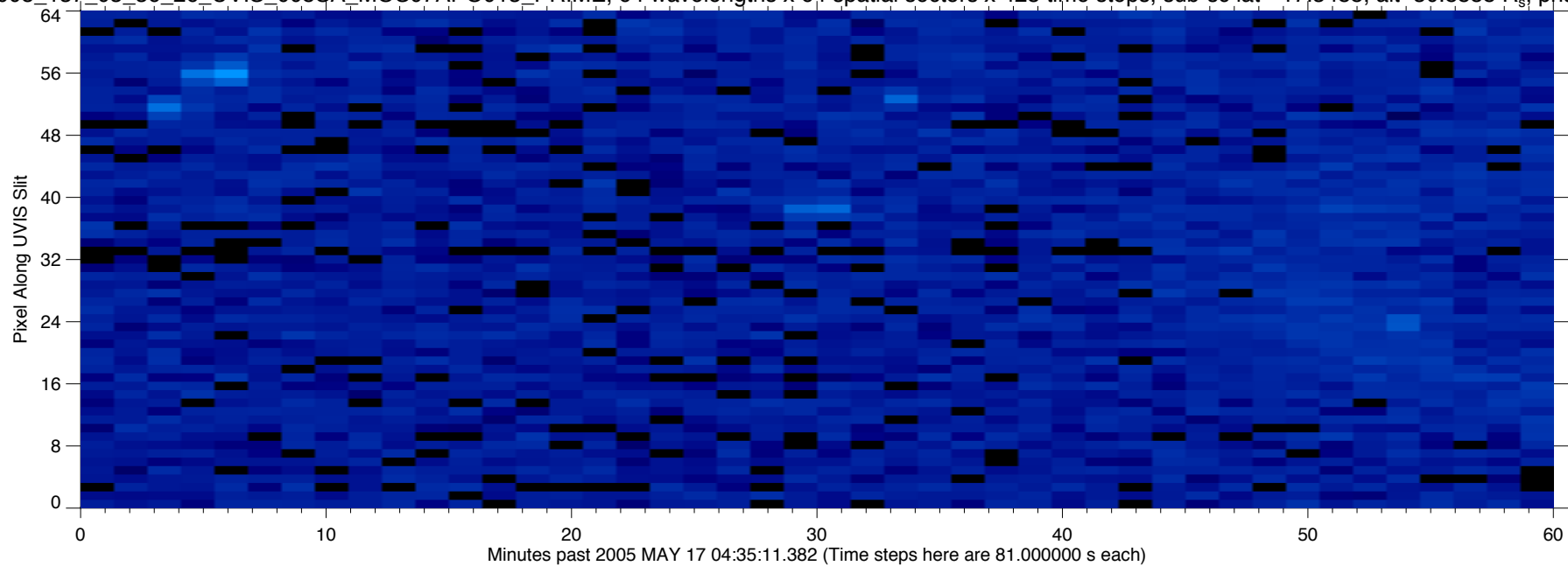
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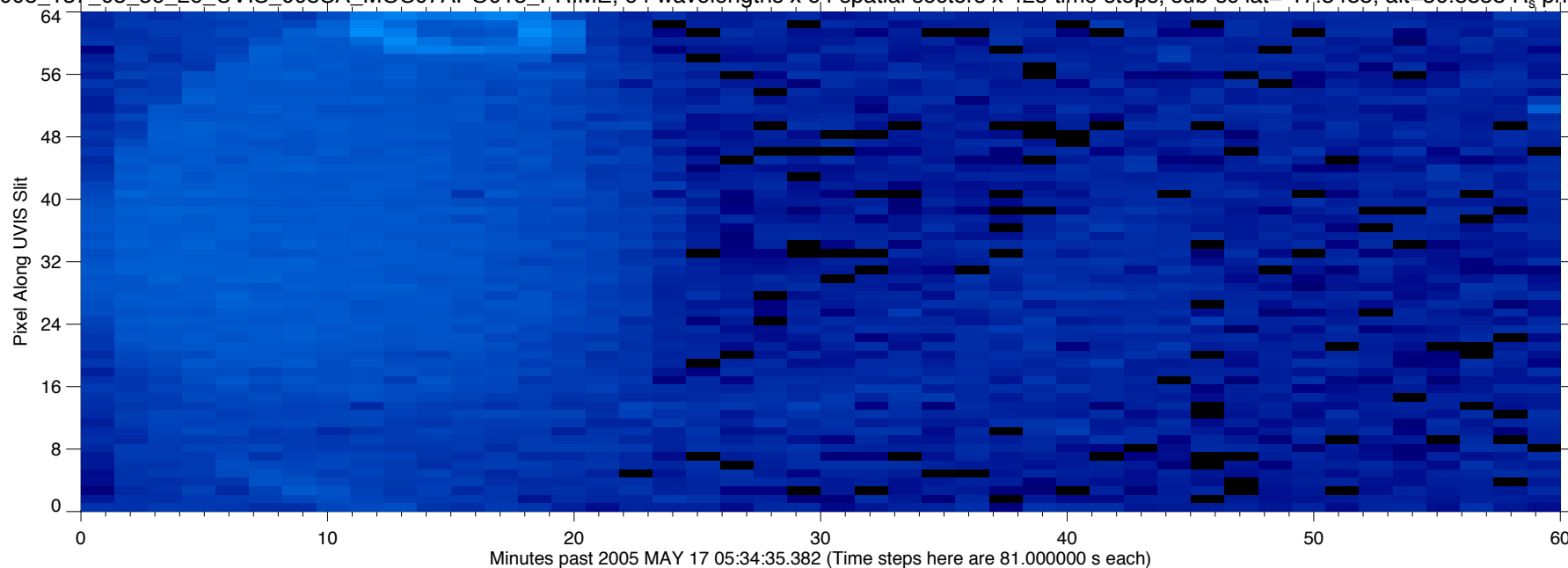
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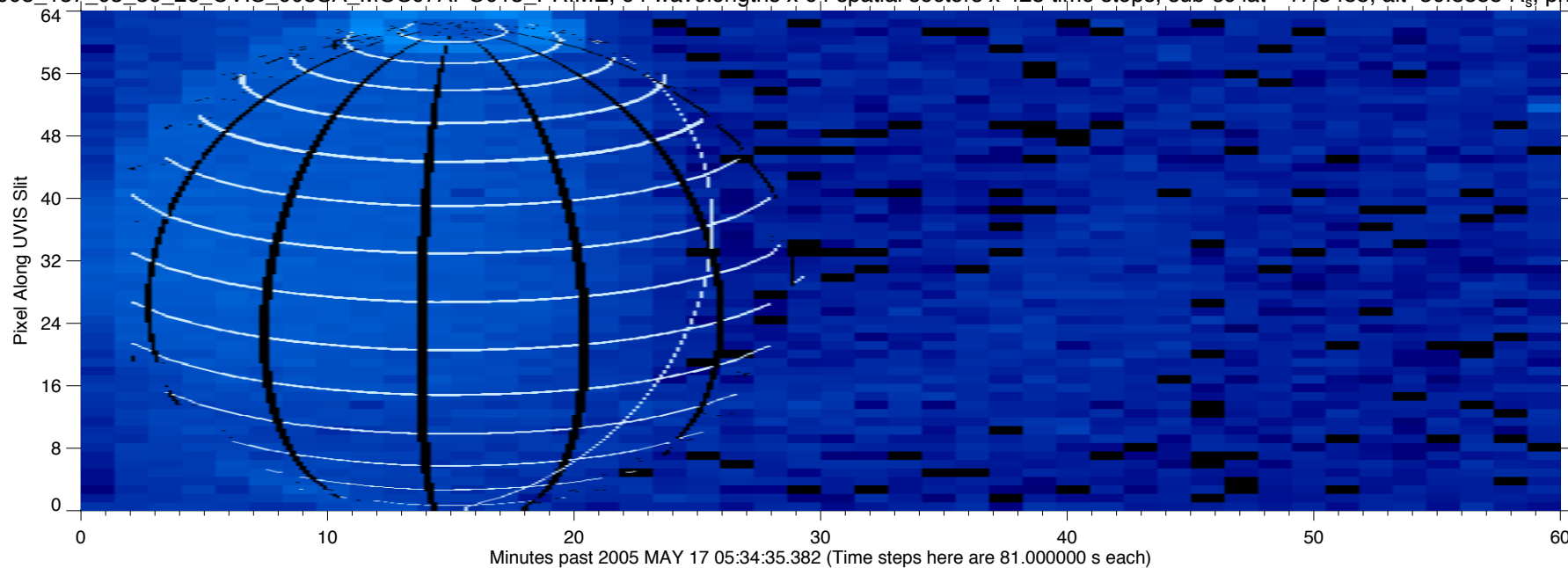
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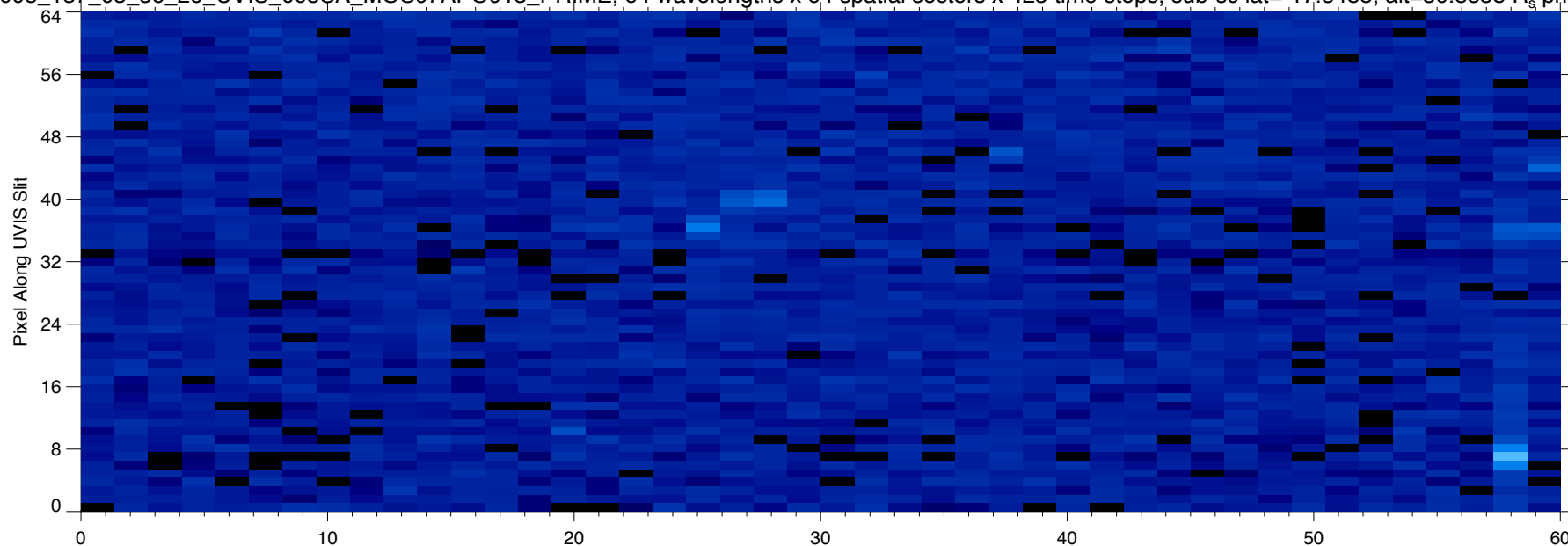
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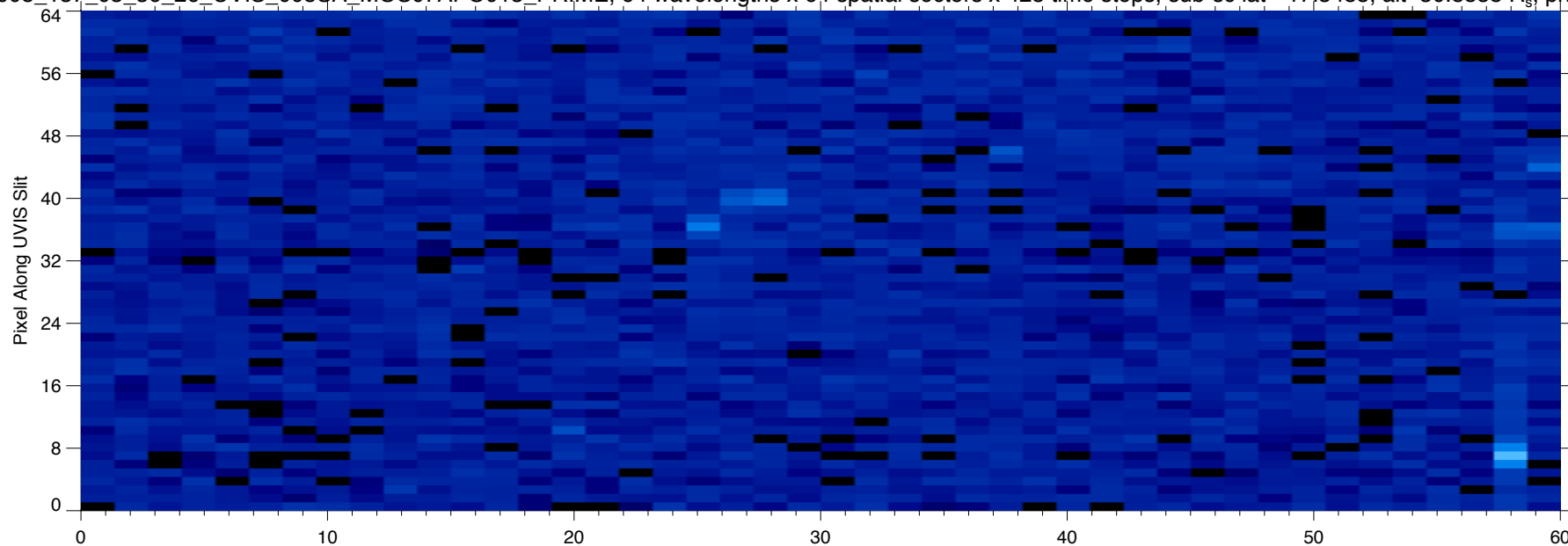
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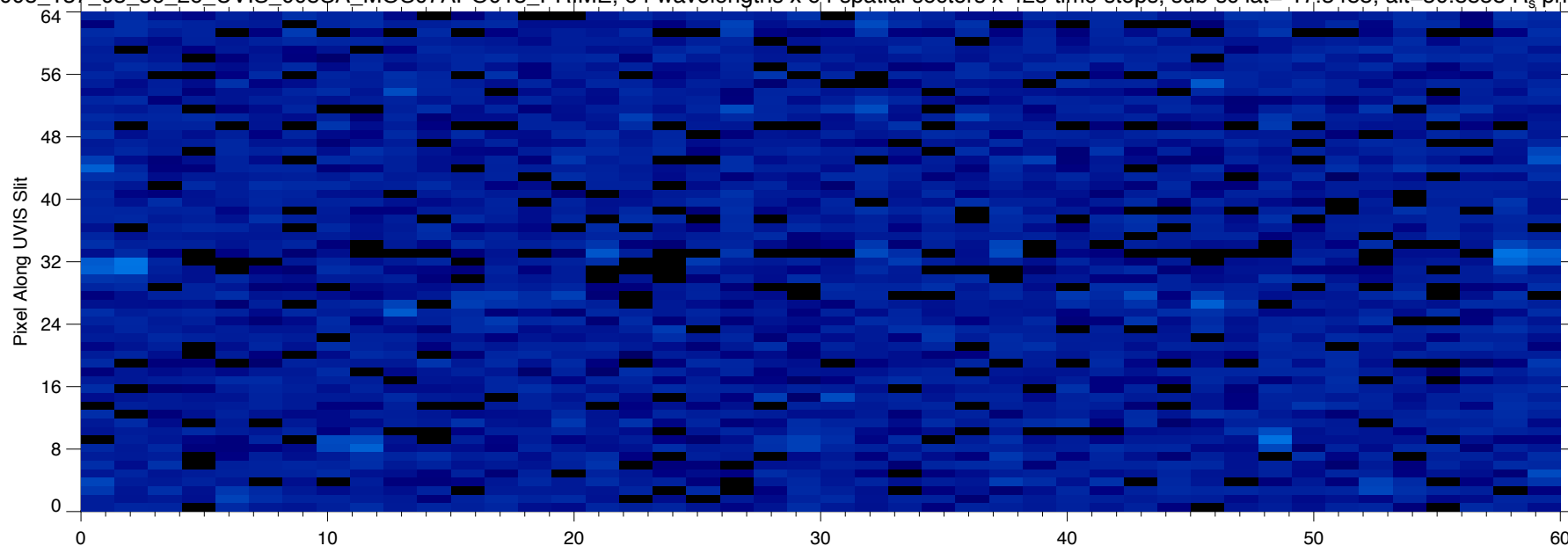
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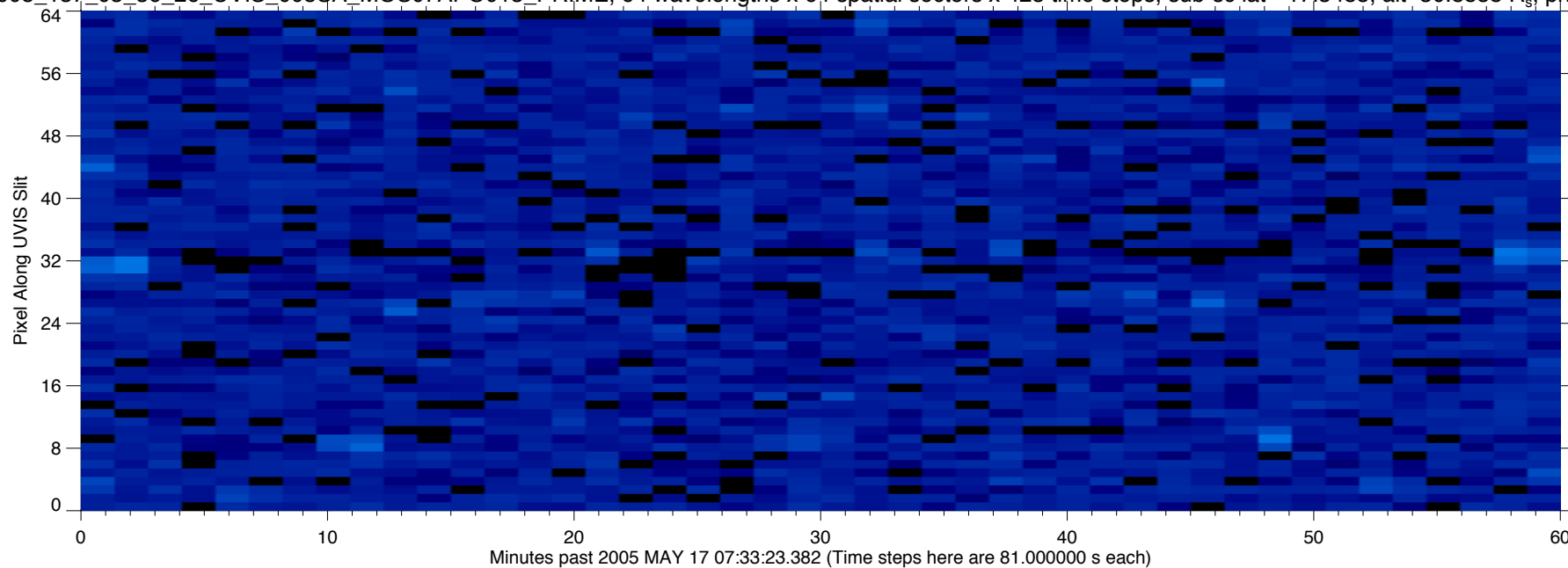
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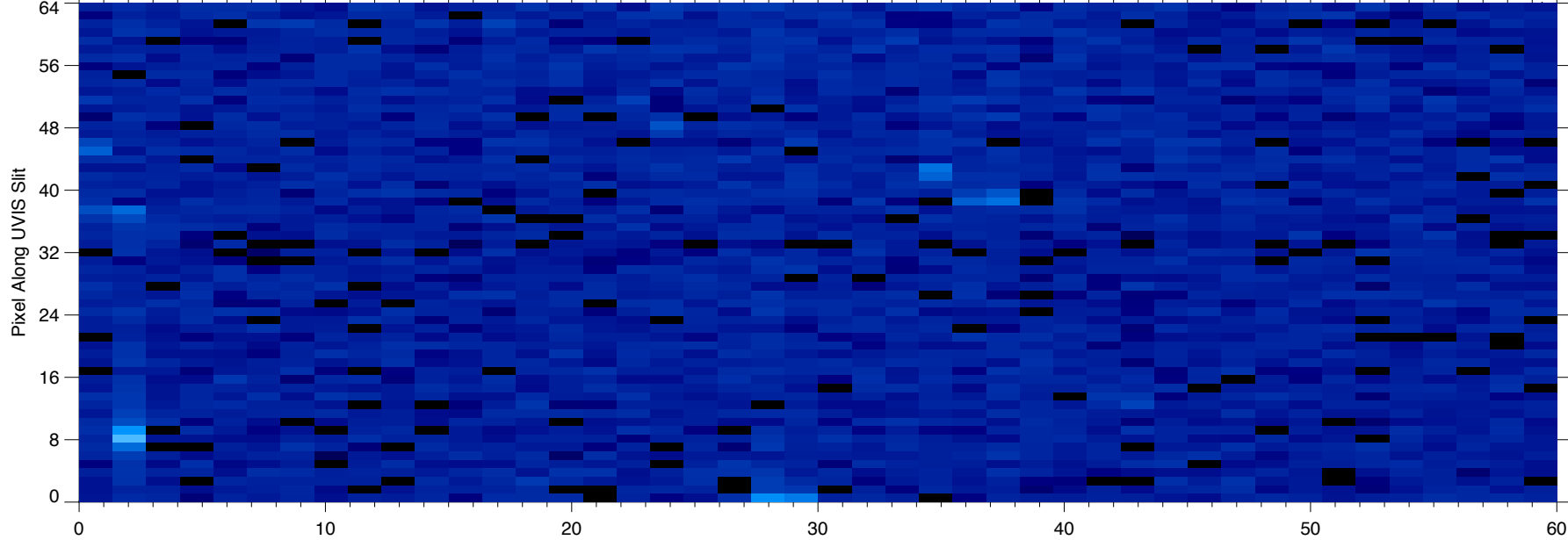
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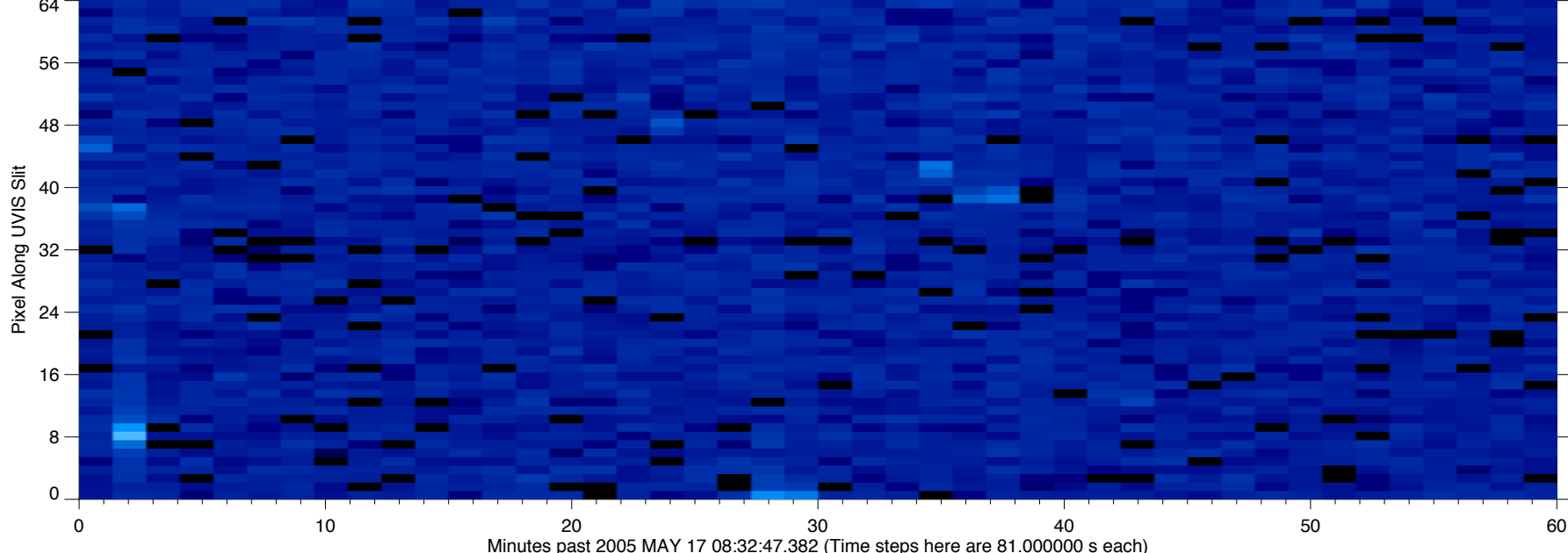
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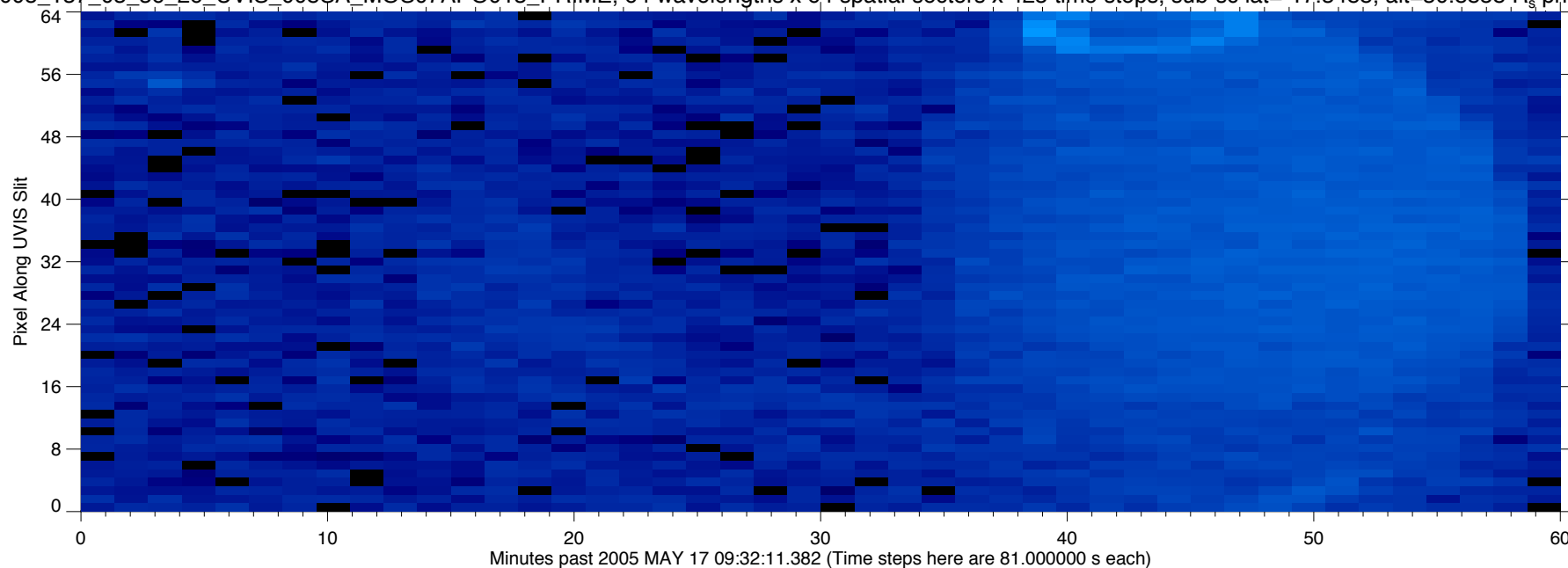
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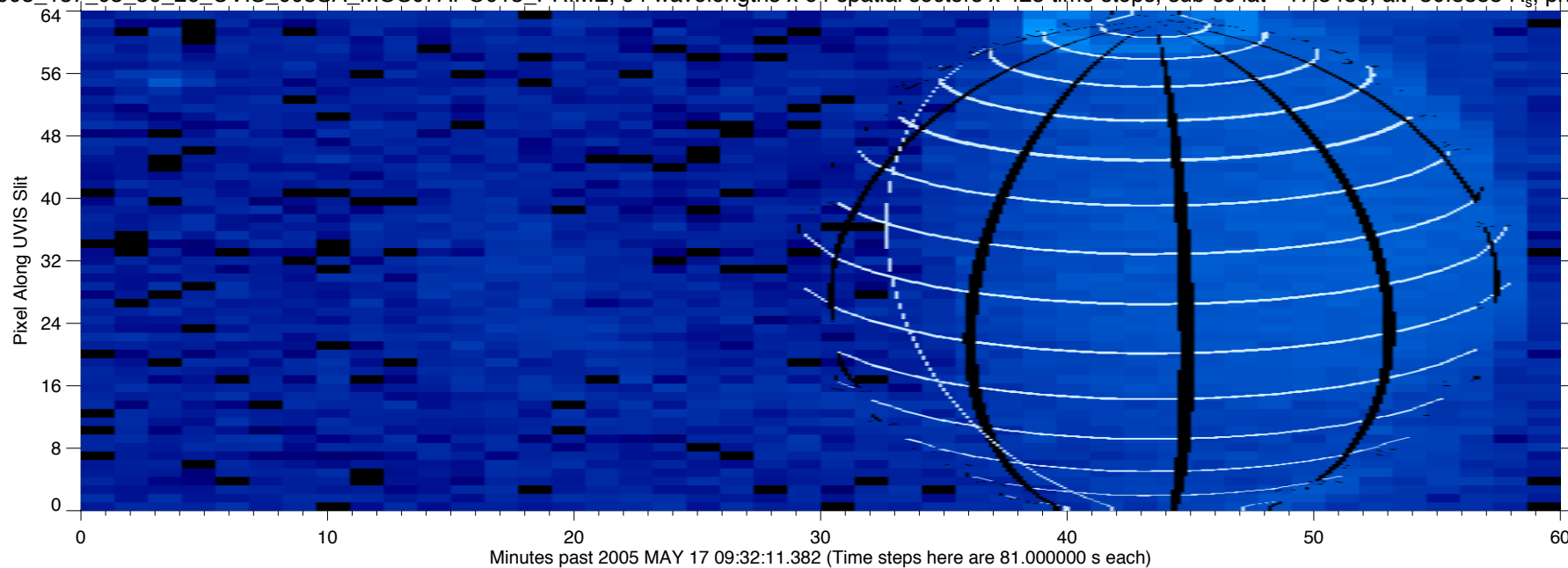
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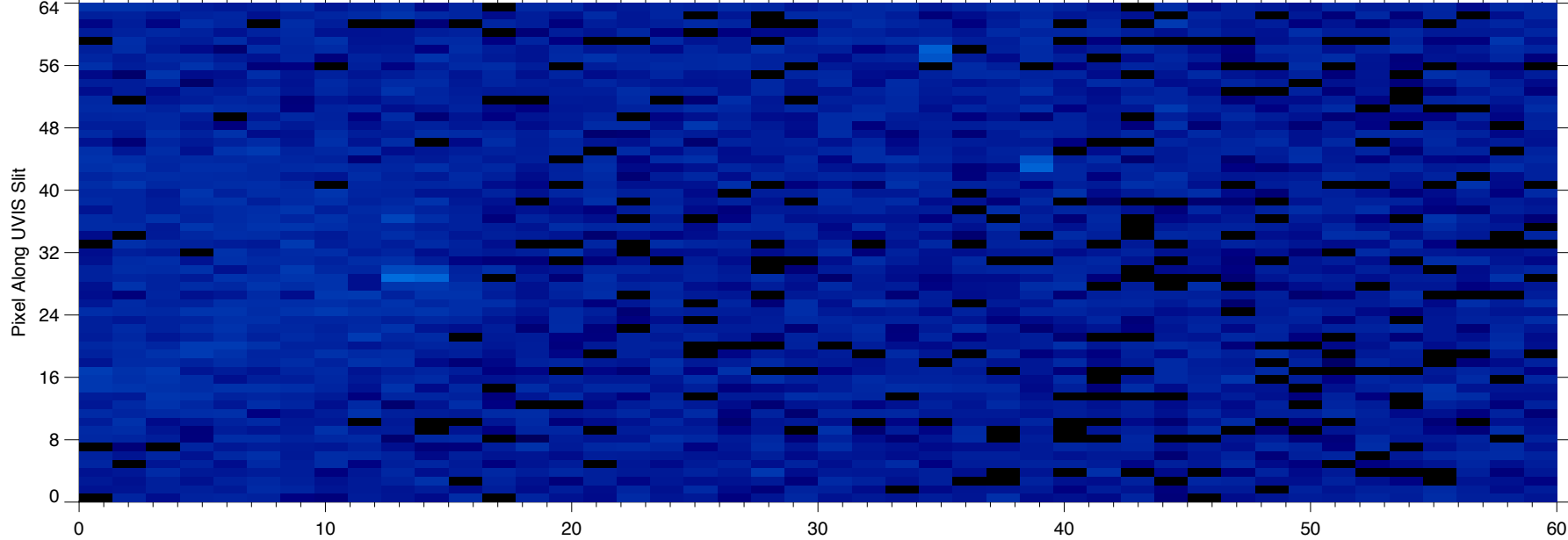
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FUV2005_137_03_36_26_UVIS_008SA_MOS07APO013_PRIME, 64 wavelengths x 64 spatial sectors x 425 time steps, sub-sc lat=-17.3488, alt=30.8858 R_s, phase=46.8239

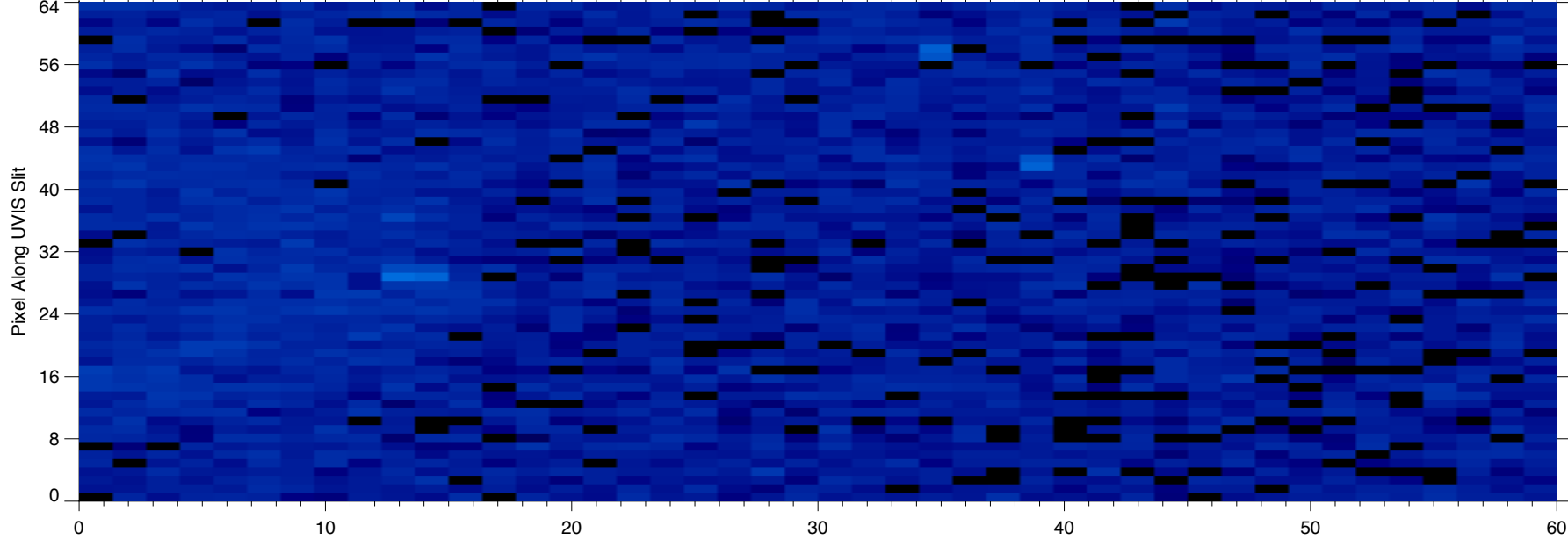


FUV2005_137_03_36_26_UVIS_008SA_MOS07APO013_PRIME, 64 wavelengths x 64 spatial sectors x 425 time steps, sub-sc lat=-17.3488, alt=30.8858 R_s phase=46.8239



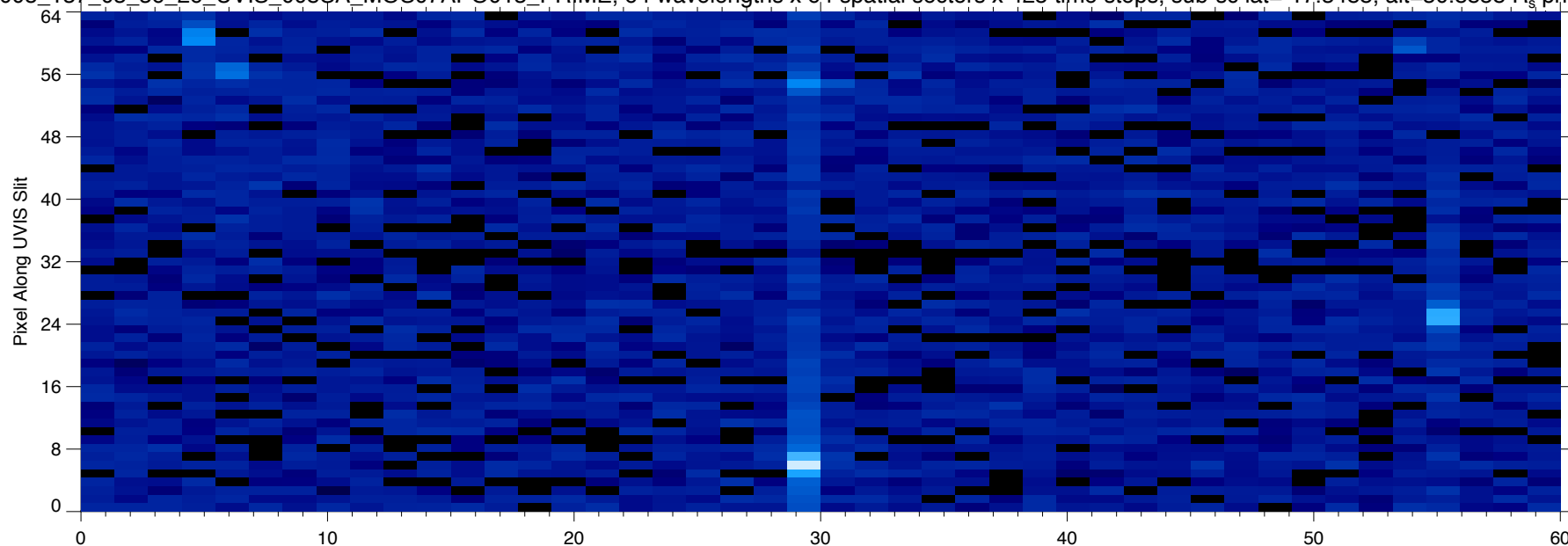
Minutes past 2005 MAY 17 10:31:35.382 (Time steps here are 81.000000 s each)

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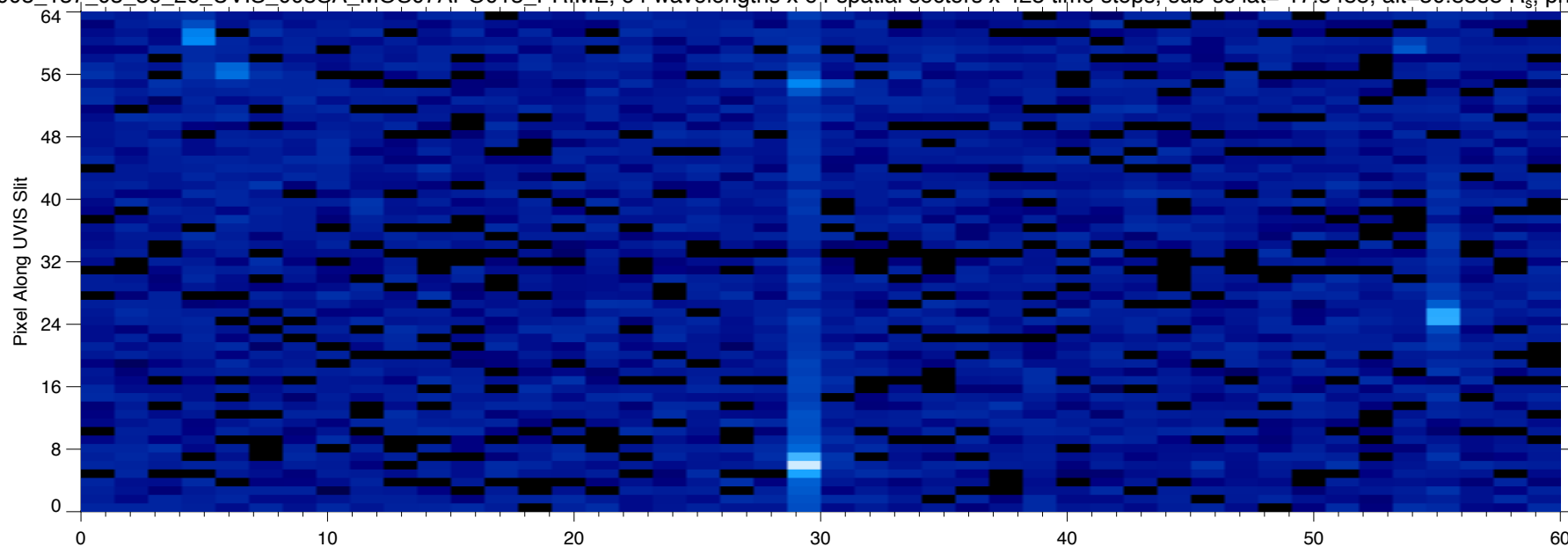


Minutes past 2005 MAY 17 10:31:35.382 (Time steps here are 81.000000 s each)

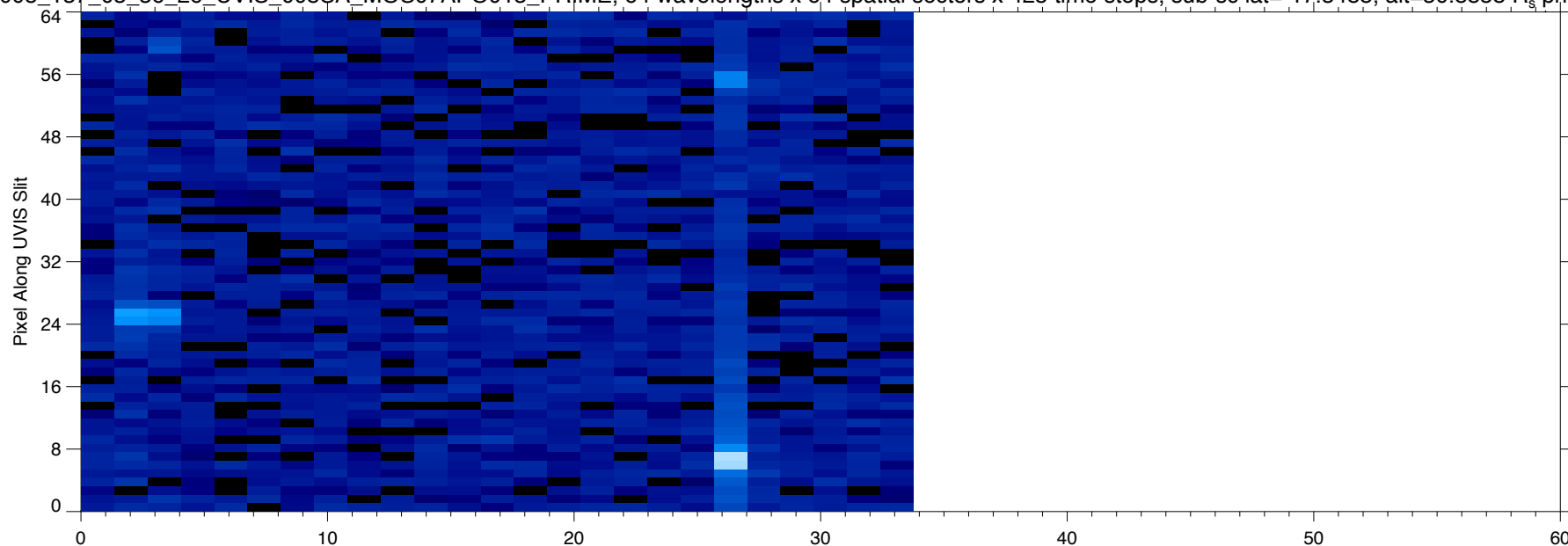
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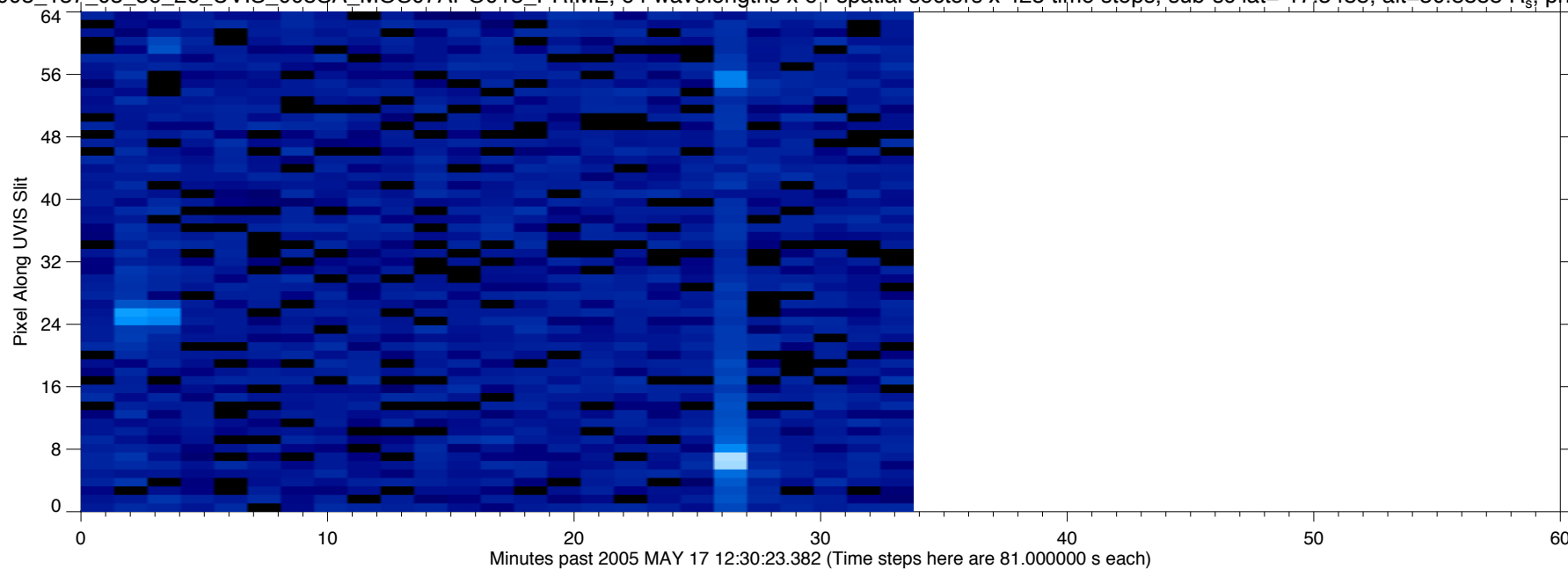
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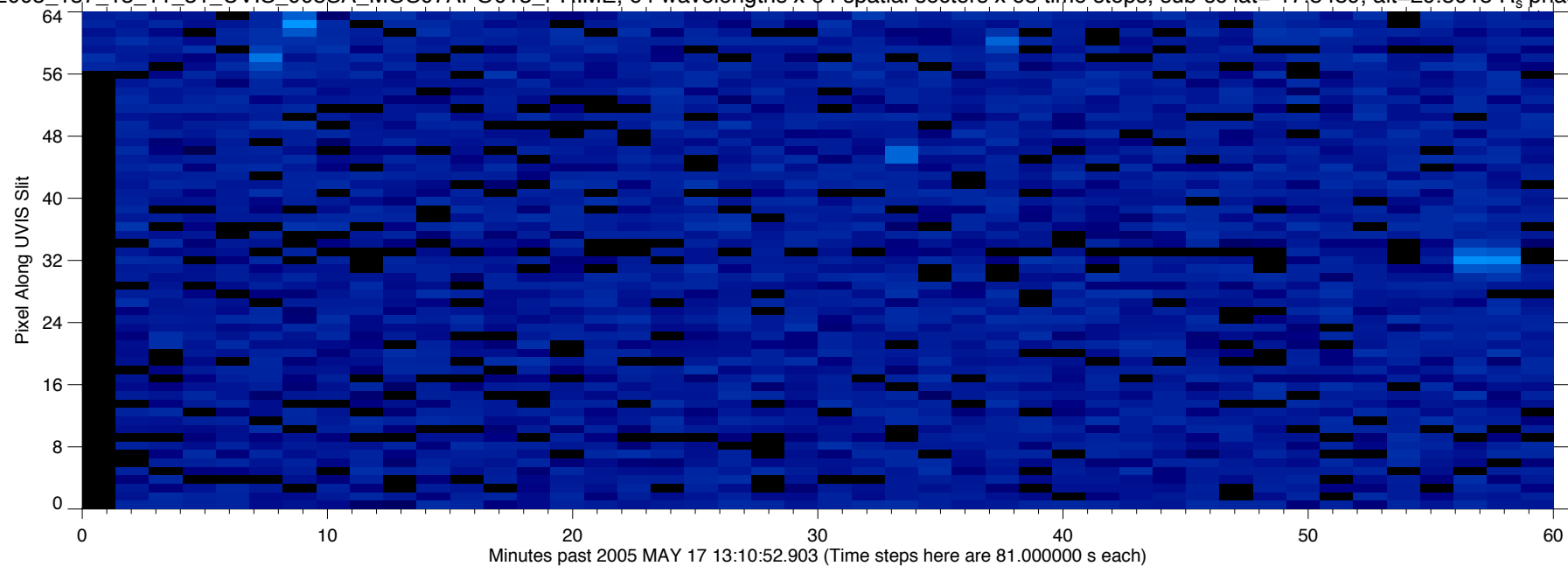
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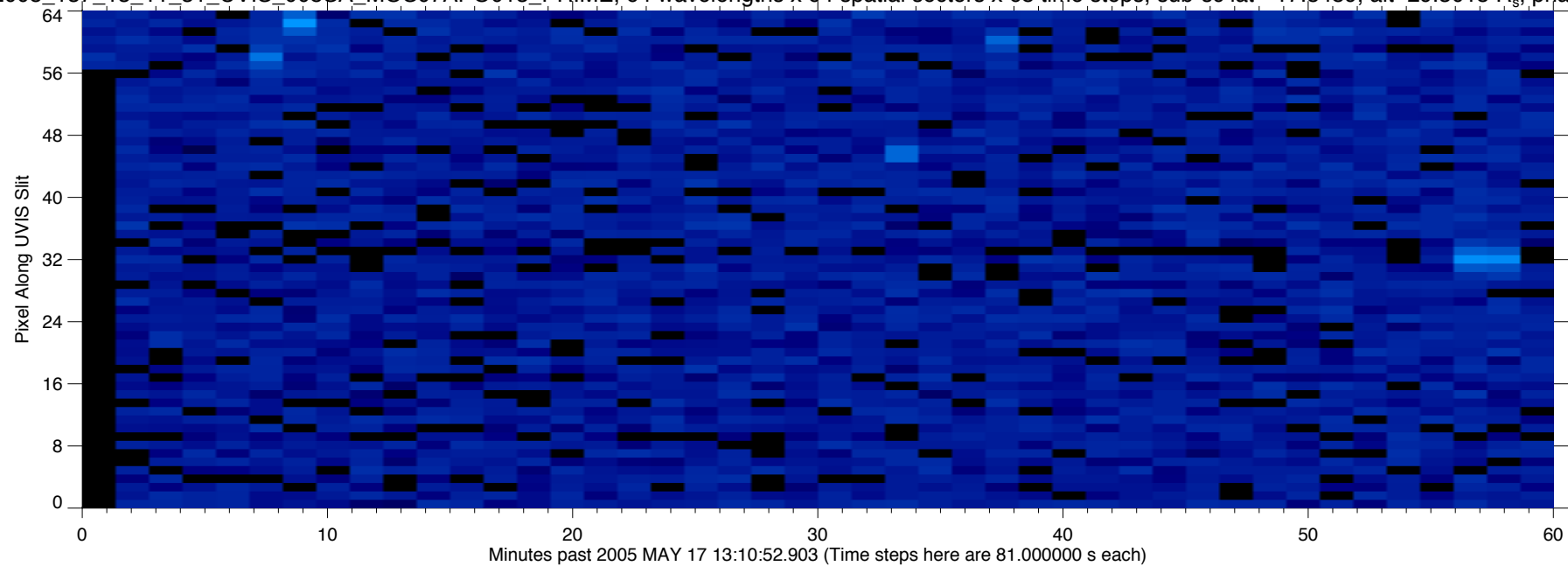
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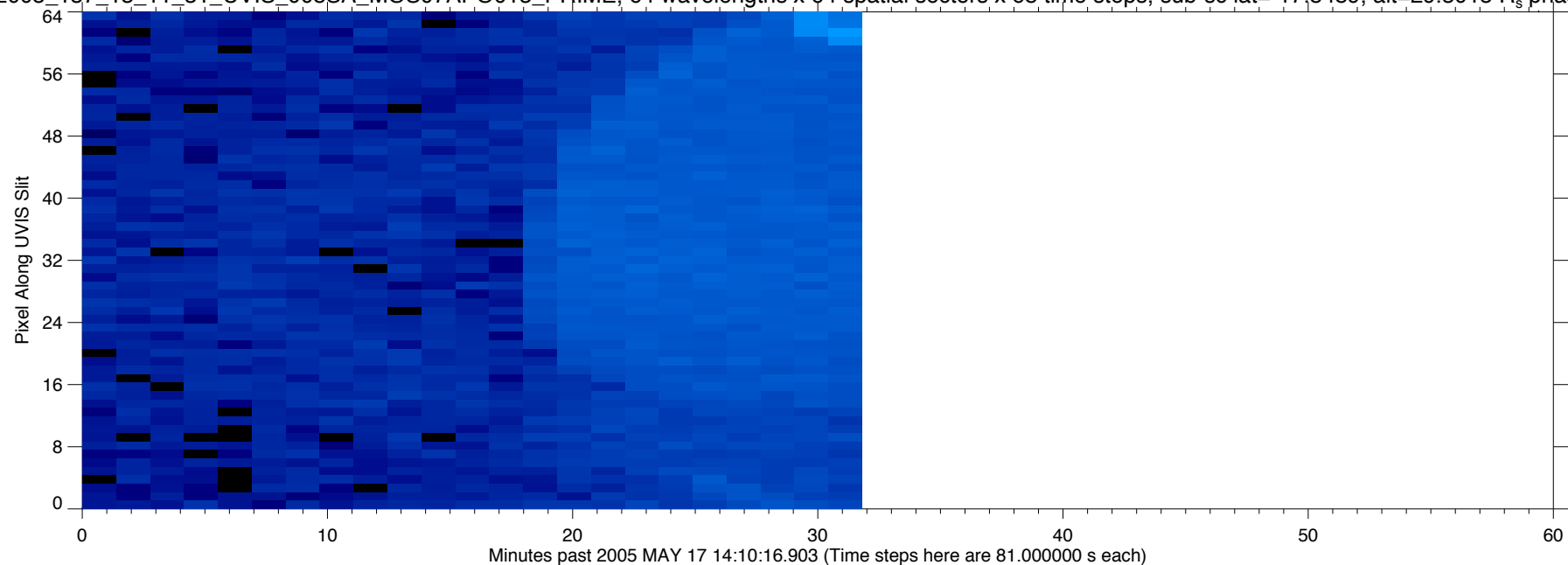
FUV2005_137_13_11_31_UVIS_008SA_MOS07APO013_PRIME, 64 wavelengths x 64 spatial sectors x 68 time steps, sub-sc lat=-17.8489, alt=29.3015 R_s phase=44.6561



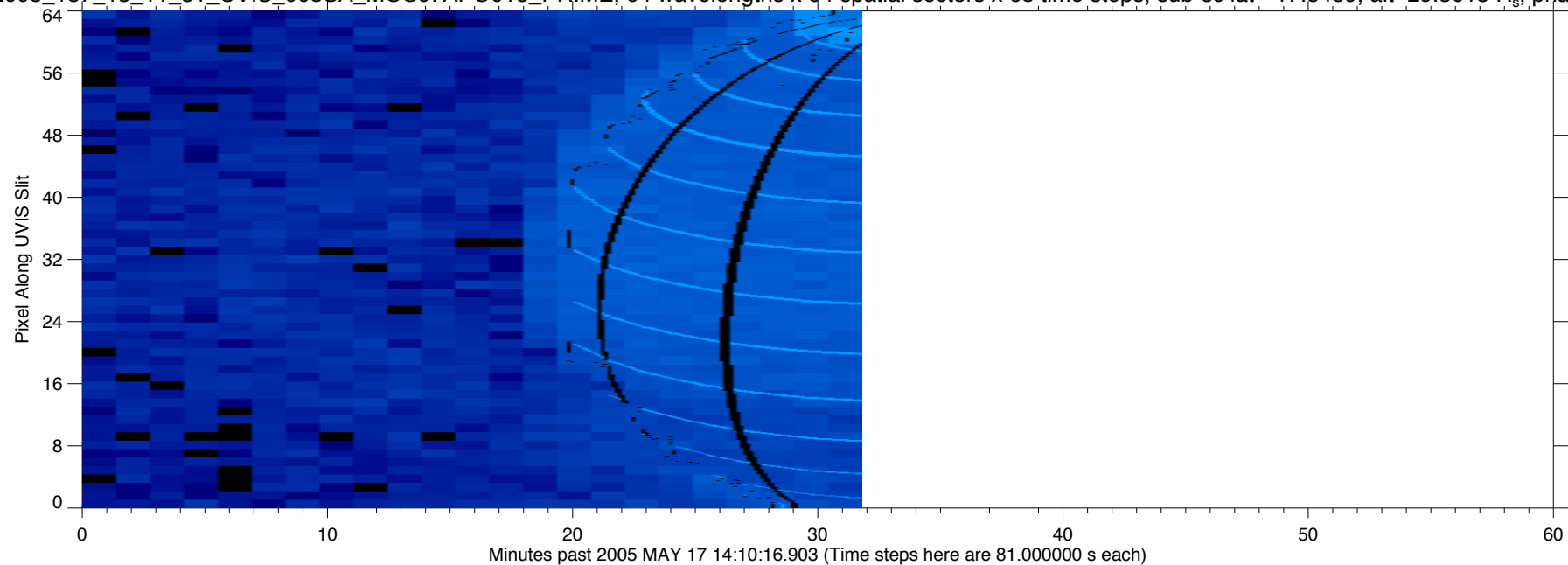
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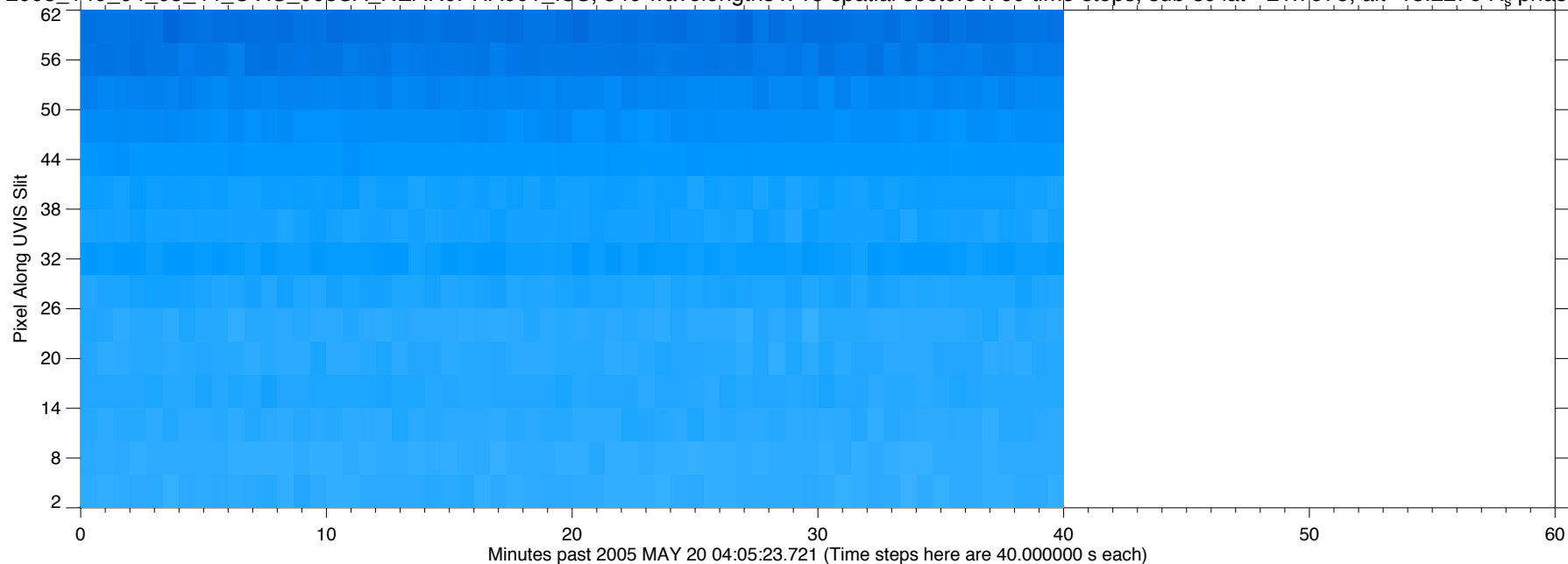
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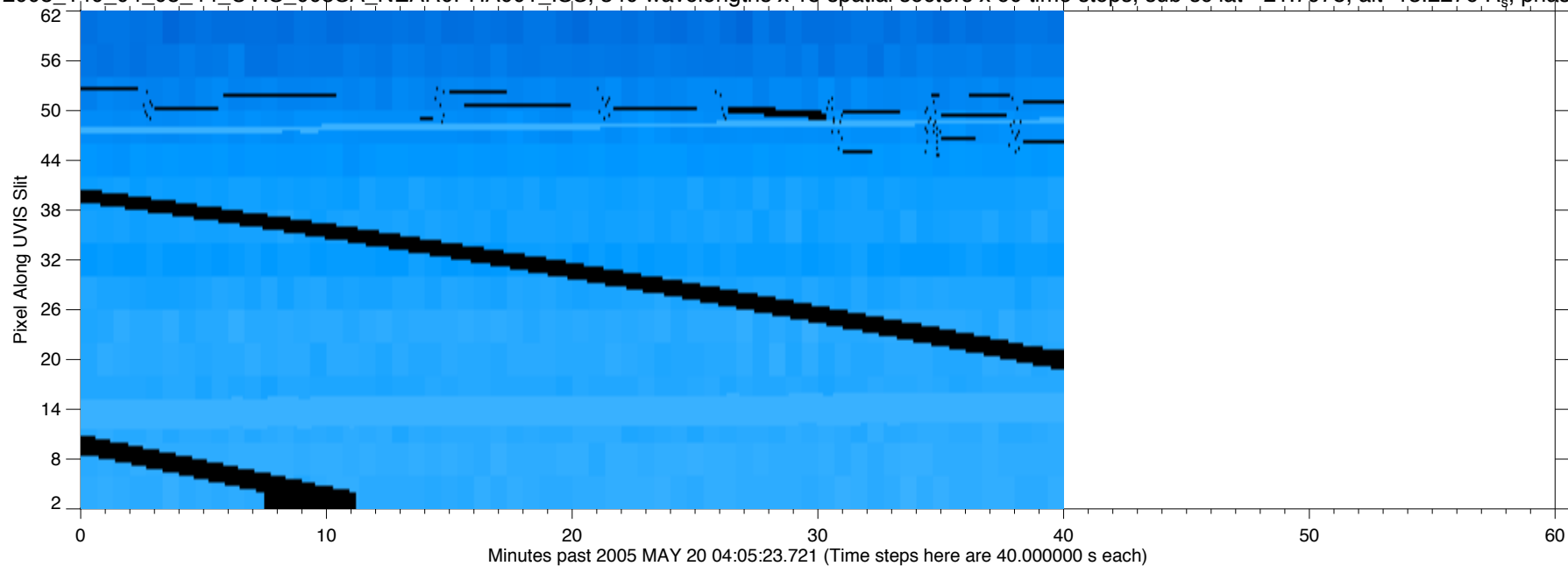
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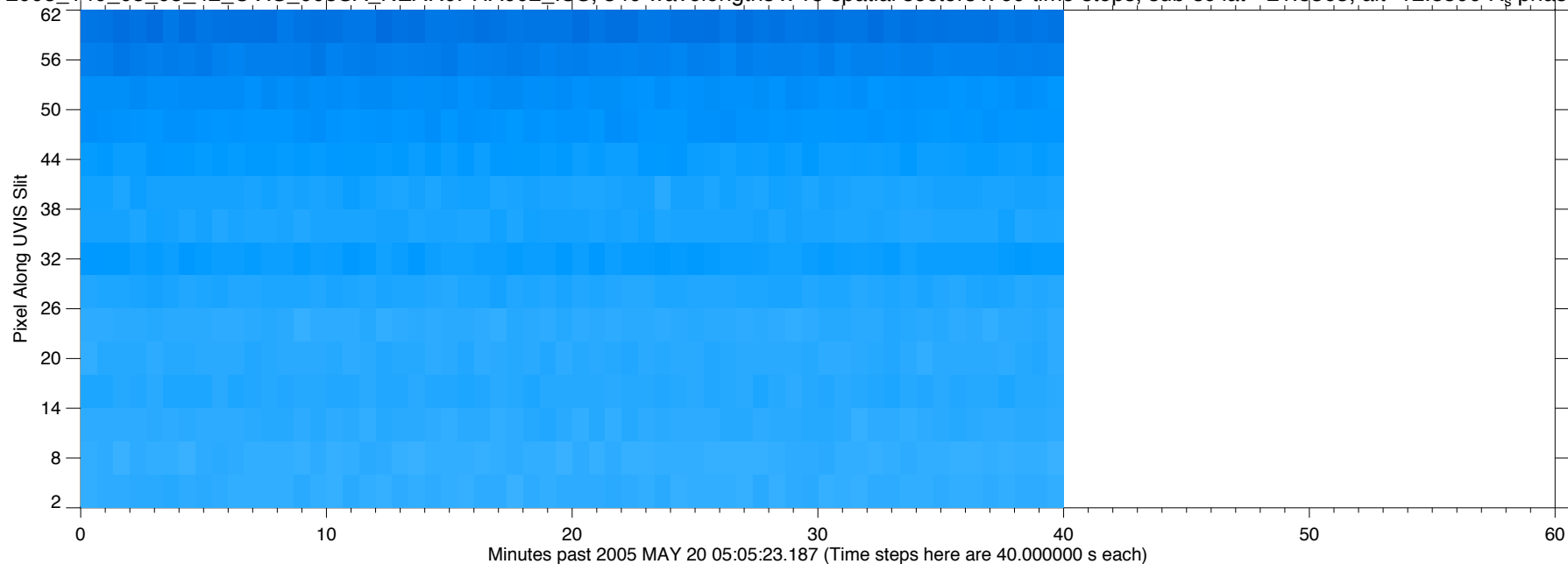
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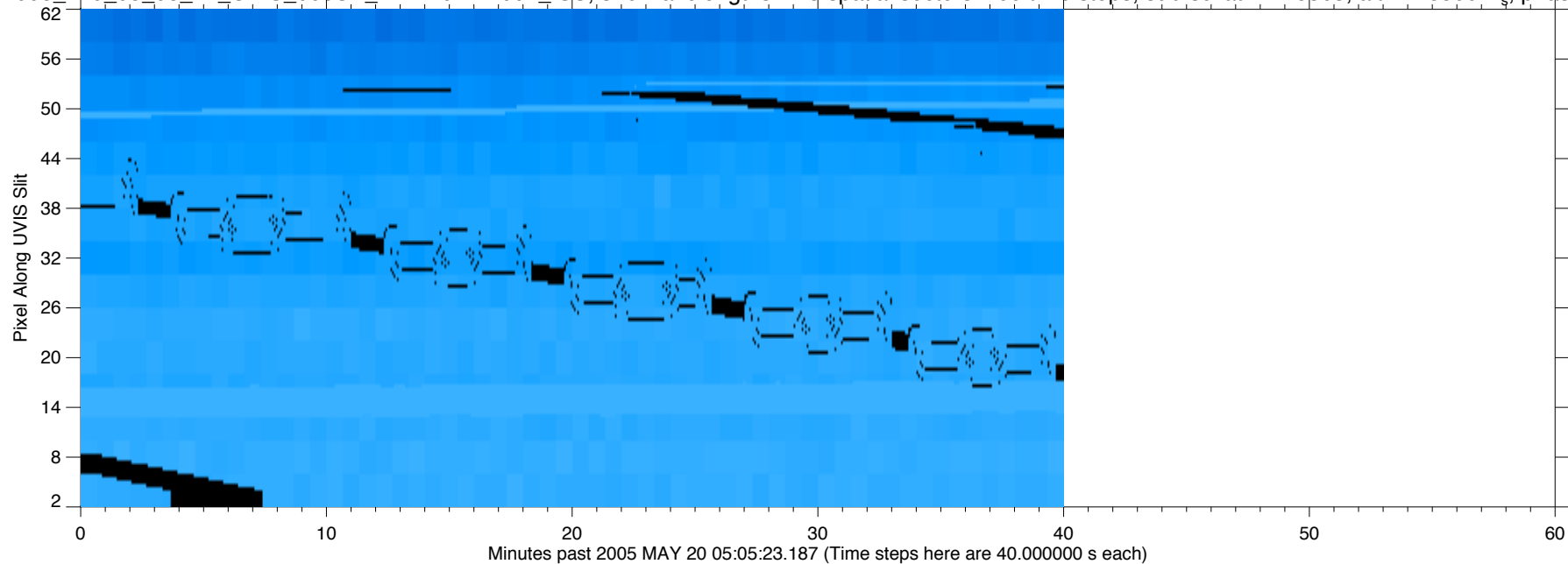
FUV2005_140_04_05_44_UVIS_008SA_NEAR0PHA001_ISS, 340 wavelengths x 15 spatial sectors x 60 time steps, sub-sc lat=-21.7978, alt=13.2276 R_s, phase=15.4803



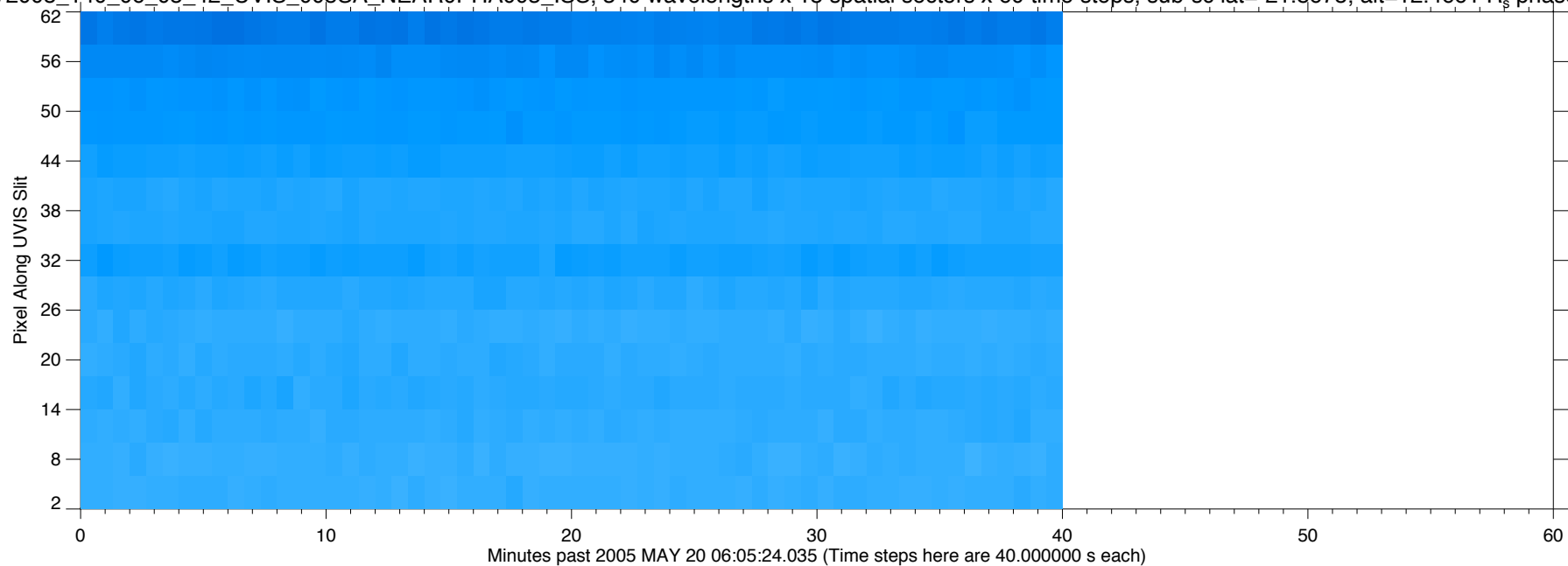
FUV2005_140_05_05_42_UVIS_008SA_NEAR0PHA002_ISS, 340 wavelengths x 15 spatial sectors x 60 time steps, sub-sc lat=-21.8363, alt=12.8500 R_s, phase=14.3644



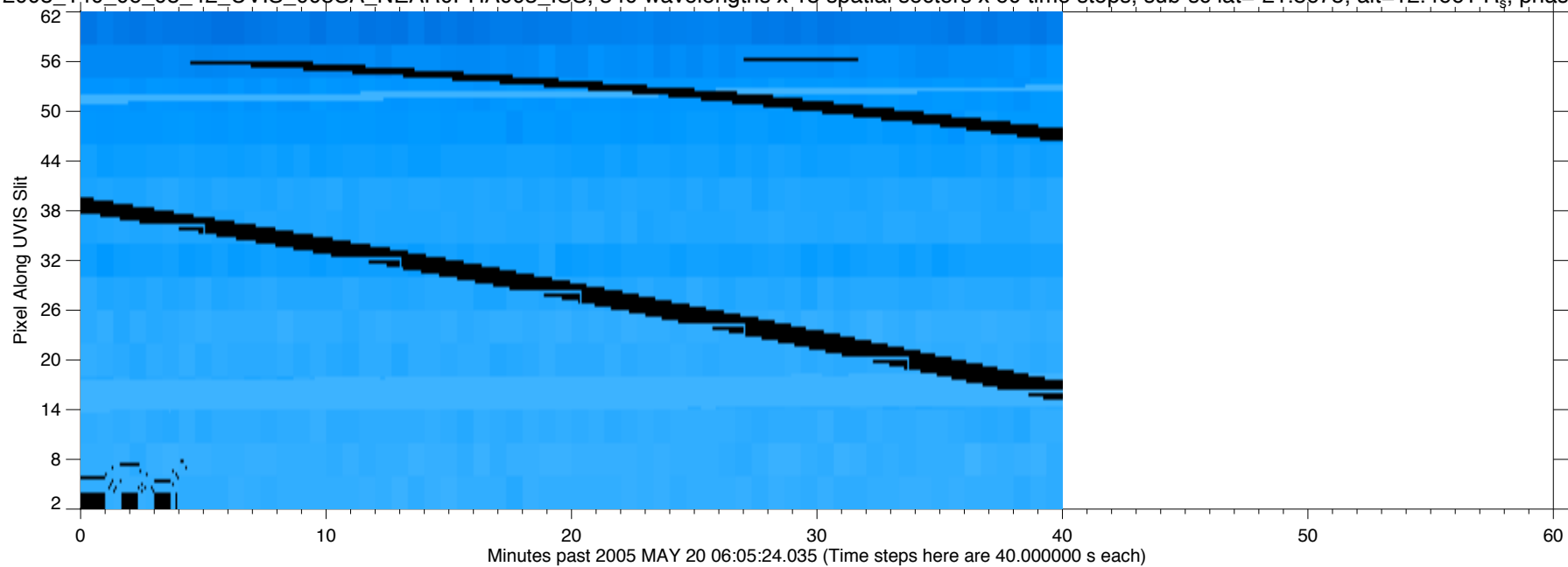
FUV2005_140_05_05_42_UVIS_008SA_NEAR0PHA002_ISS, 340 wavelengths x 15 spatial sectors x 60 time steps, sub-sc lat=-21.8363, alt=12.8500 R_s, phase=14.3644



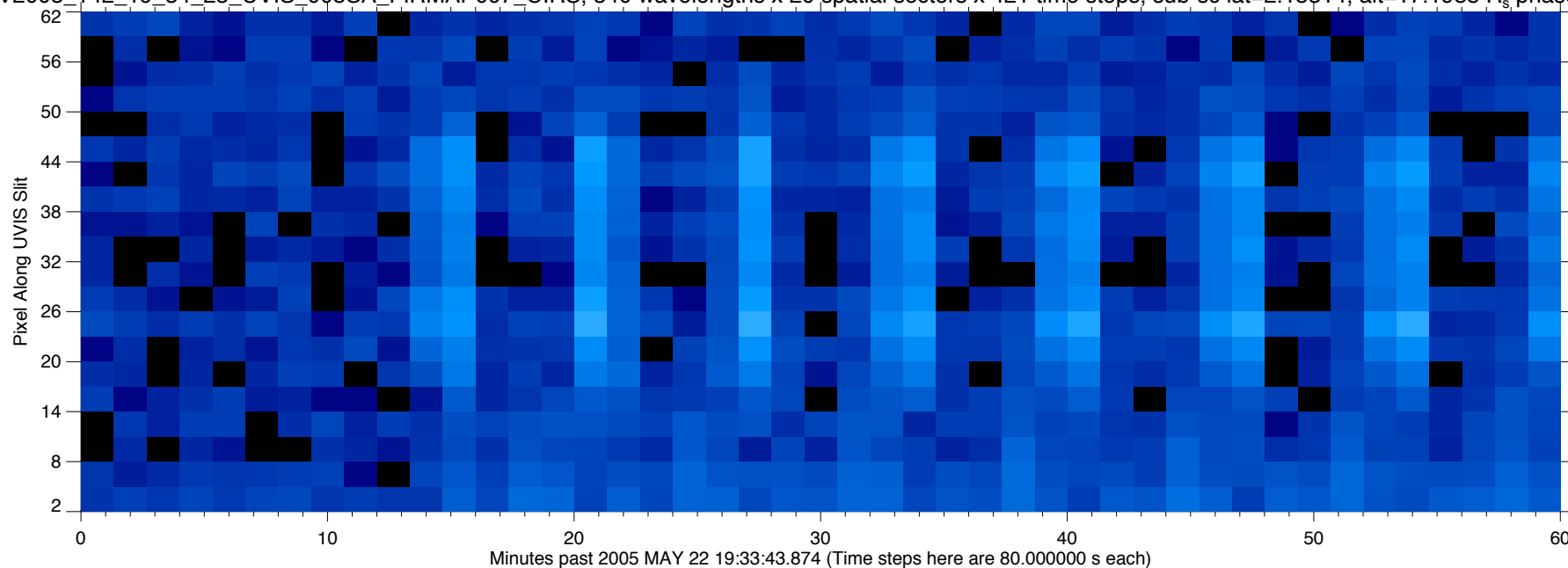
FUV2005_140_06_05_42_UVIS_008SA_NEAR0PHA003_ISS, 340 wavelengths x 15 spatial sectors x 60 time steps, sub-sc lat=-21.8675, alt=12.4661 R_s phase=13.1849



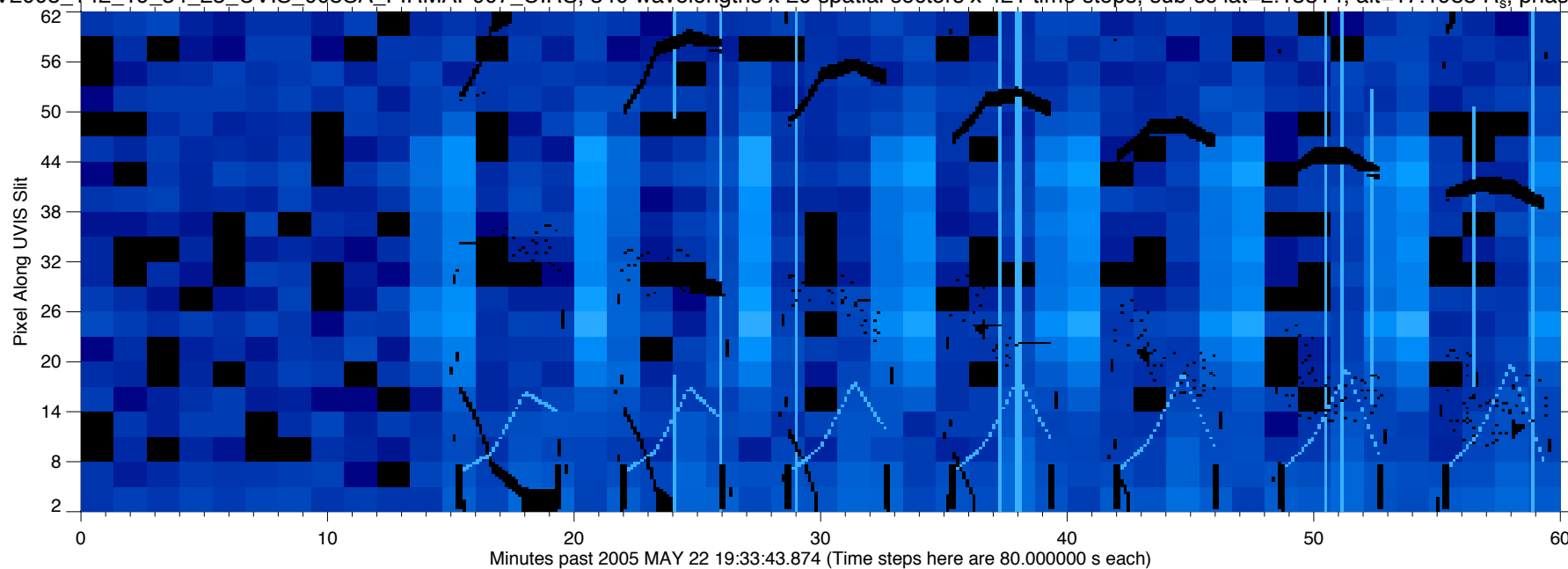
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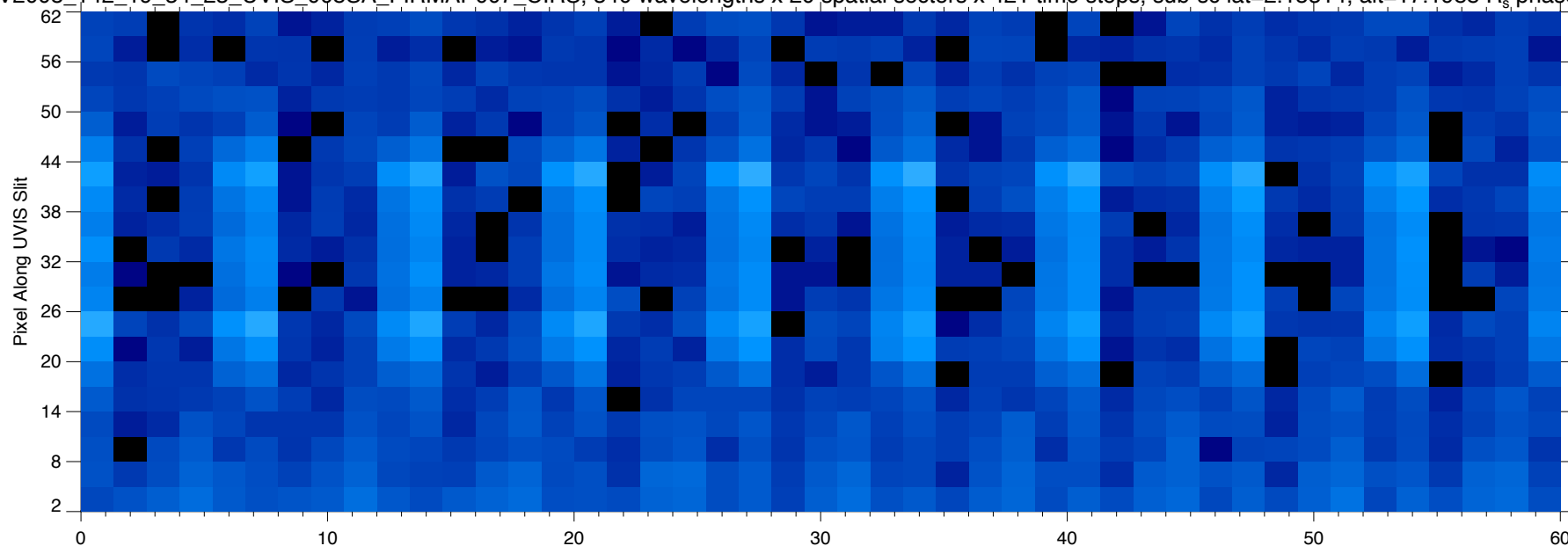
FUV2005_142_19_34_23_UVIS_008SA_FIRMAP007_CIRS, 340 wavelengths x 20 spatial sectors x 421 time steps, sub-sc lat=2.15314, alt=17.1988 R_s, phase=106.051



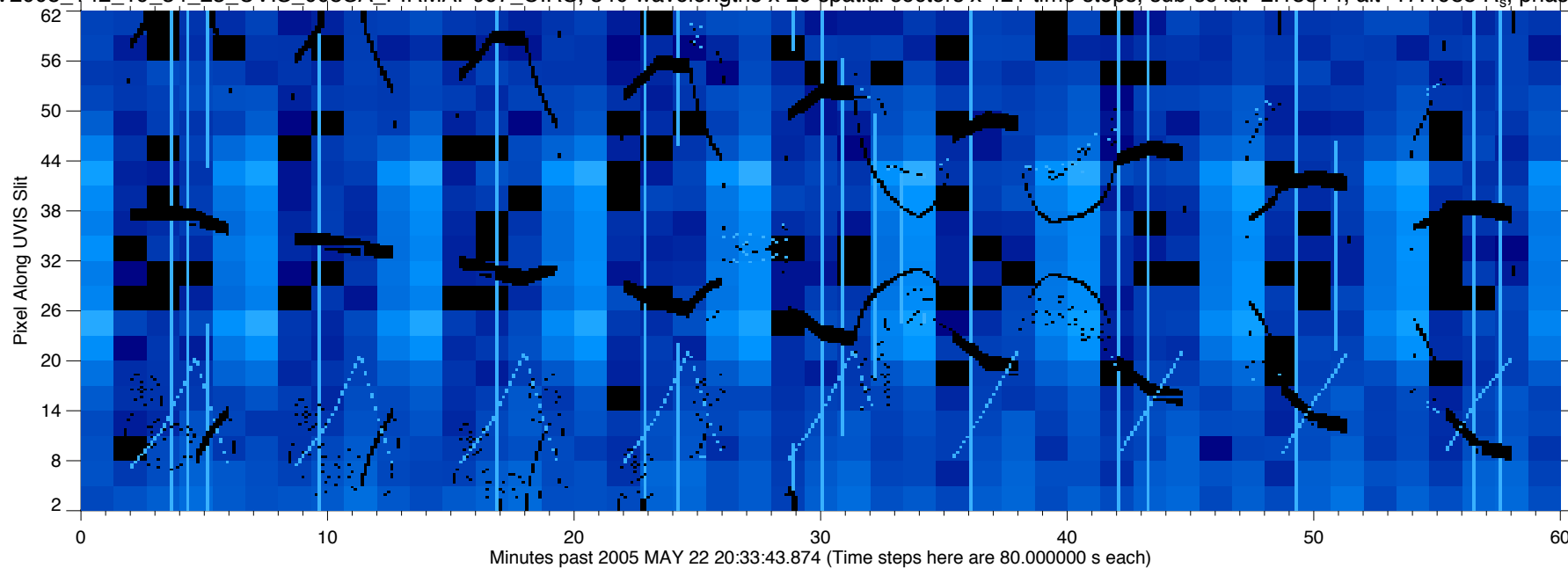
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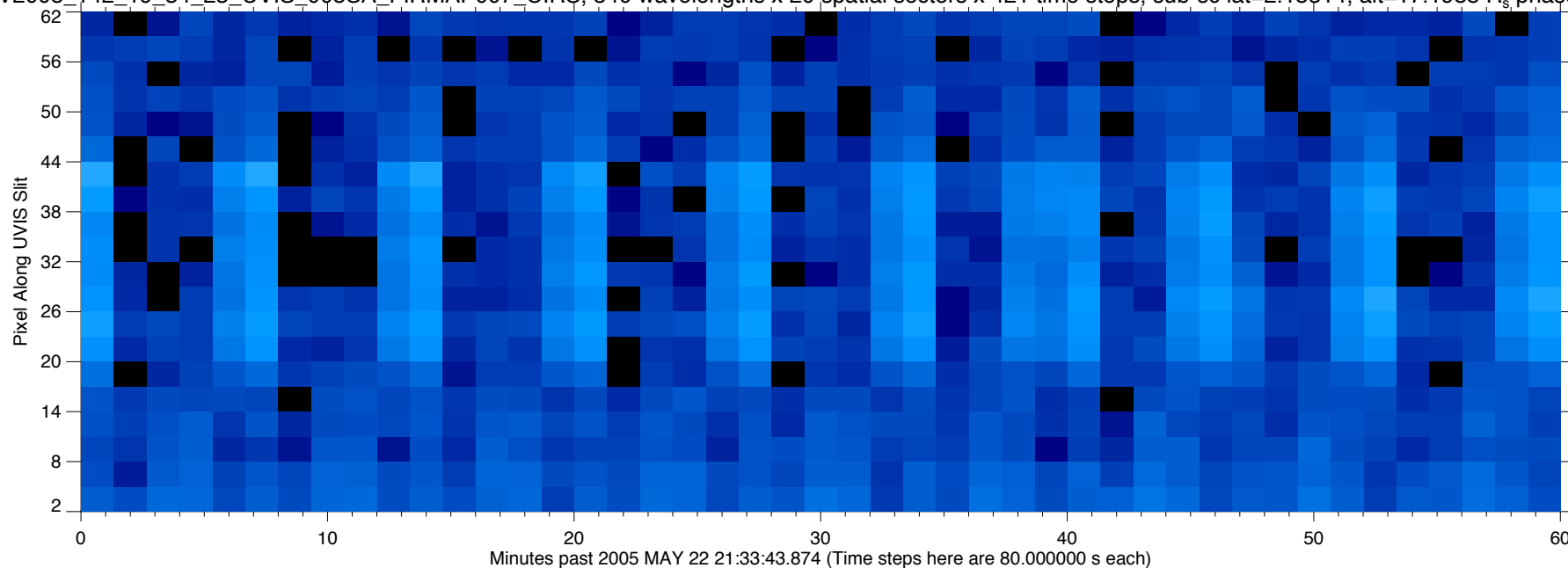
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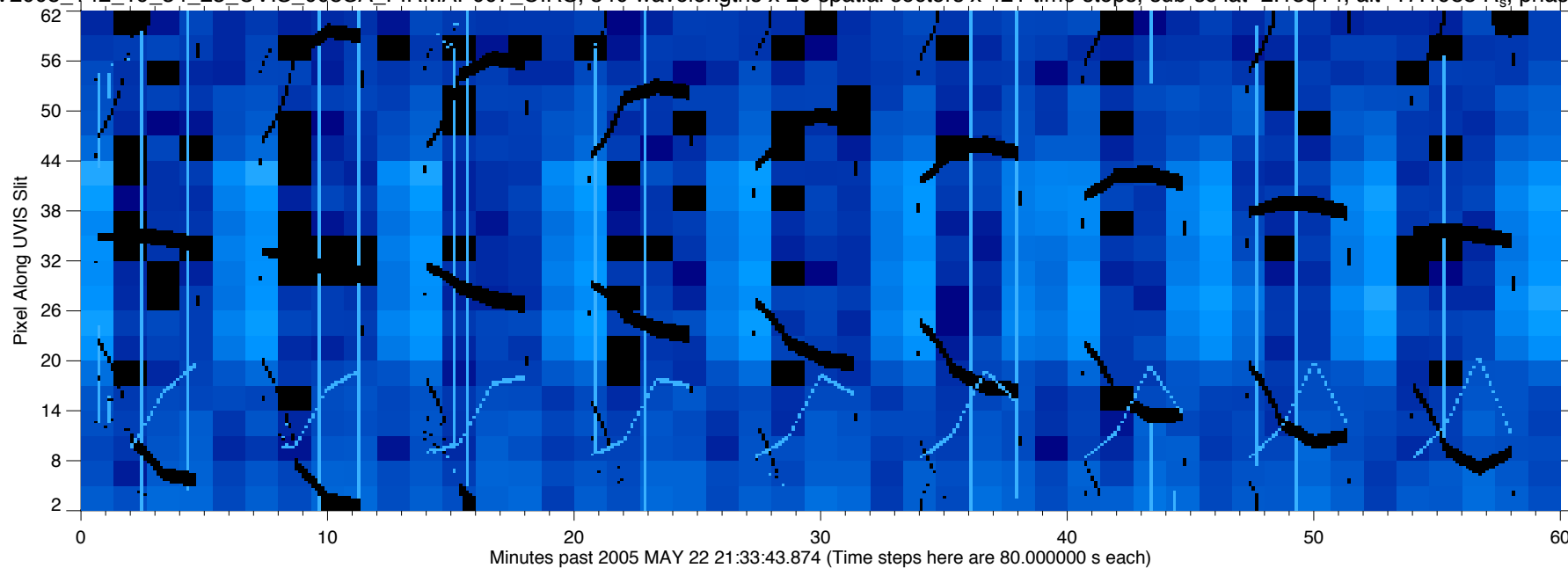
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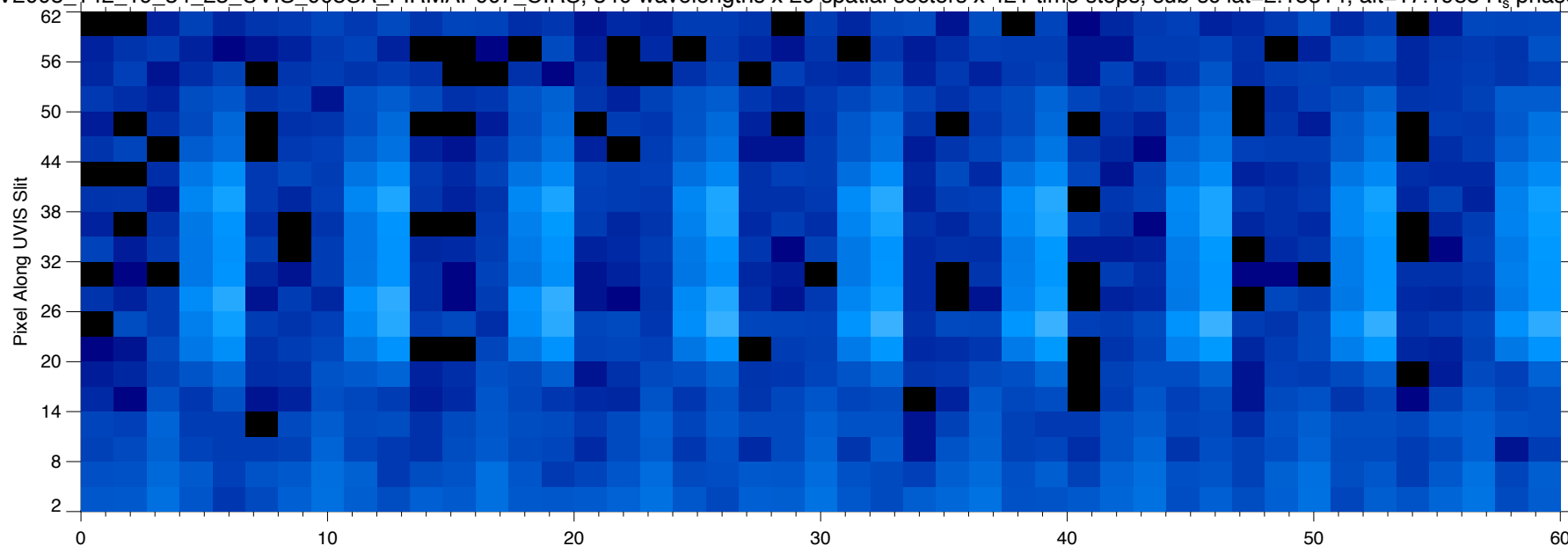
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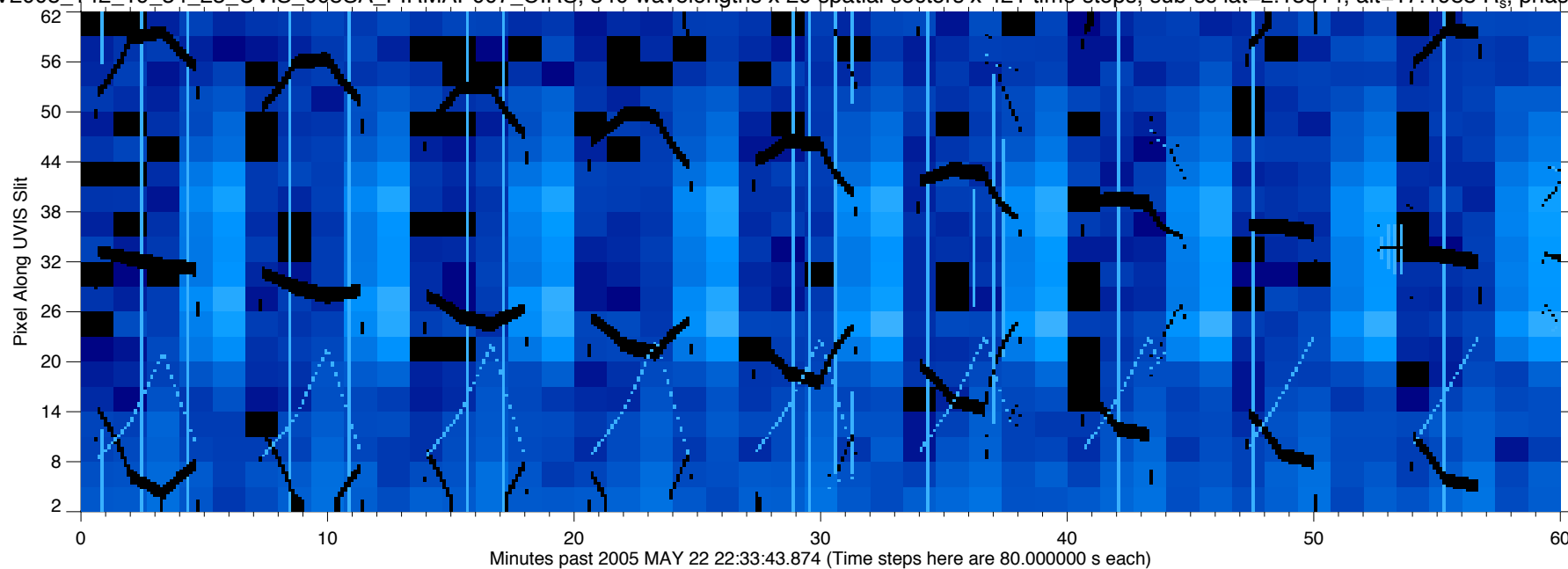
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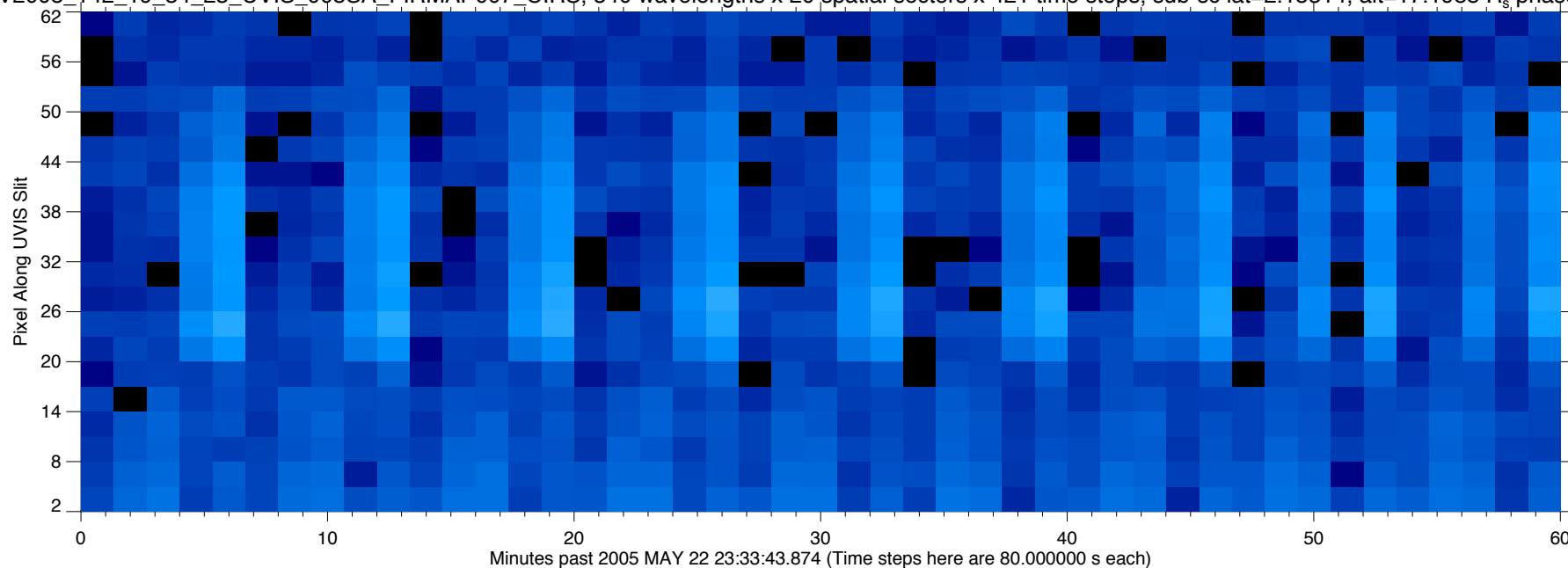
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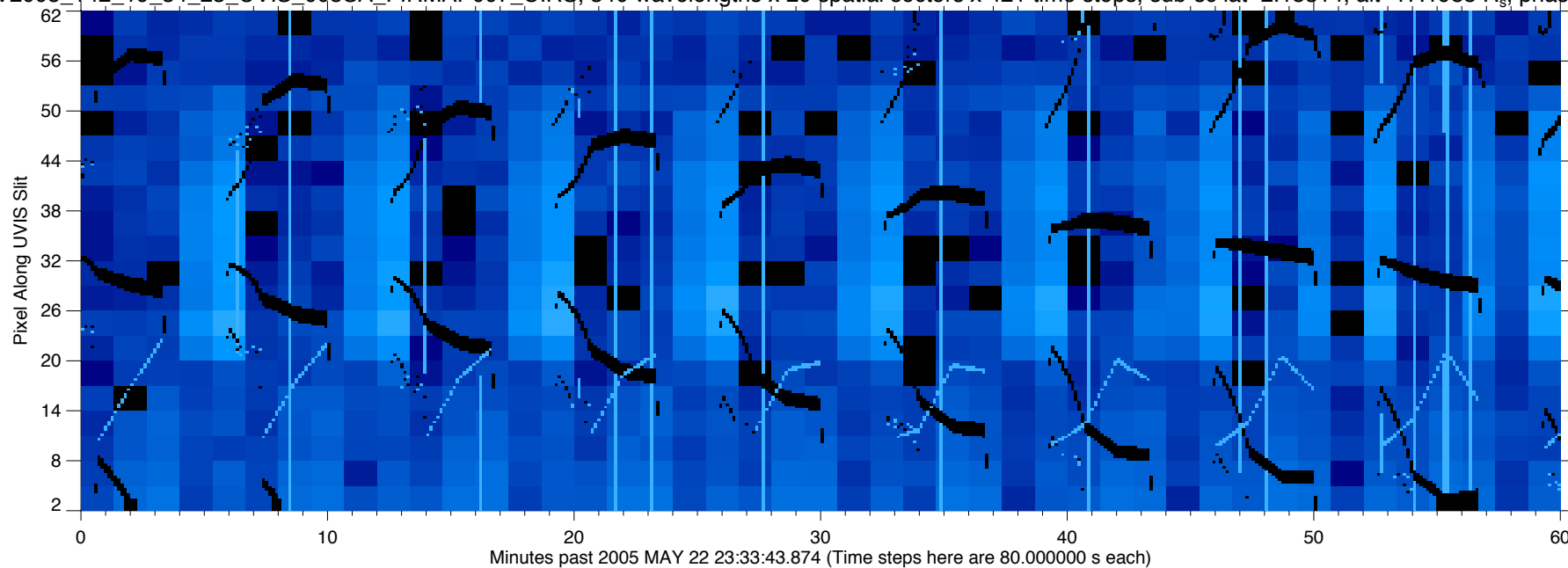
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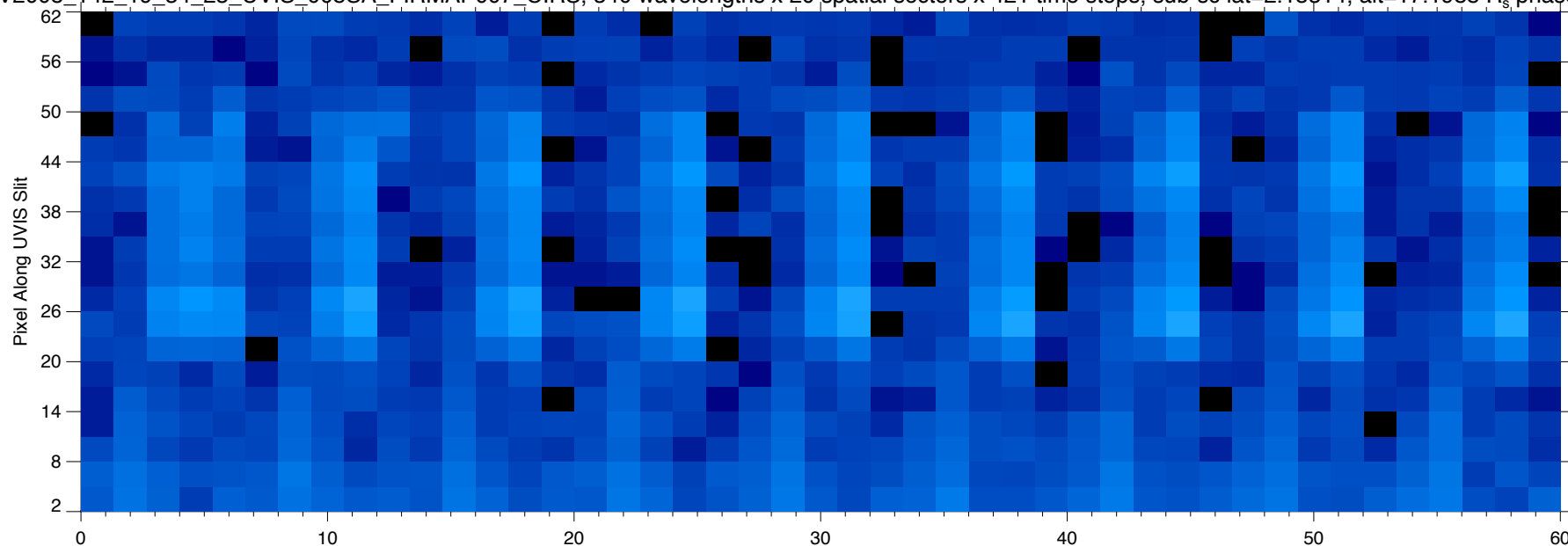
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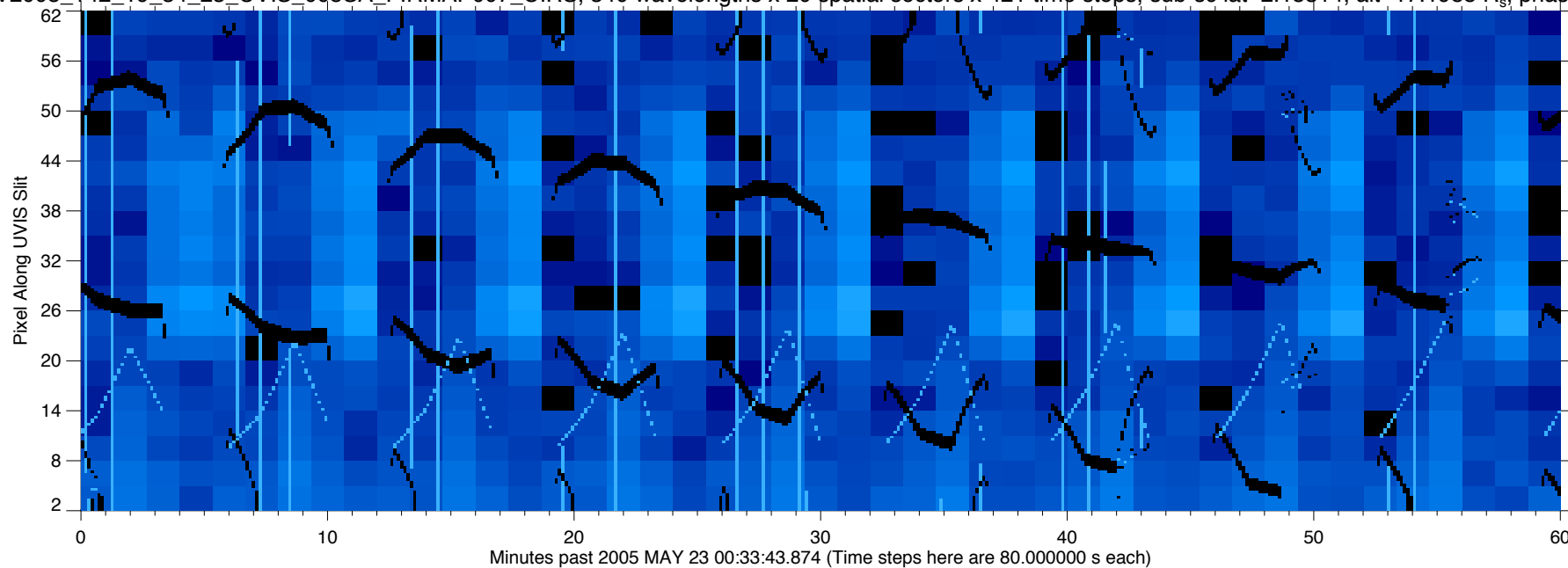
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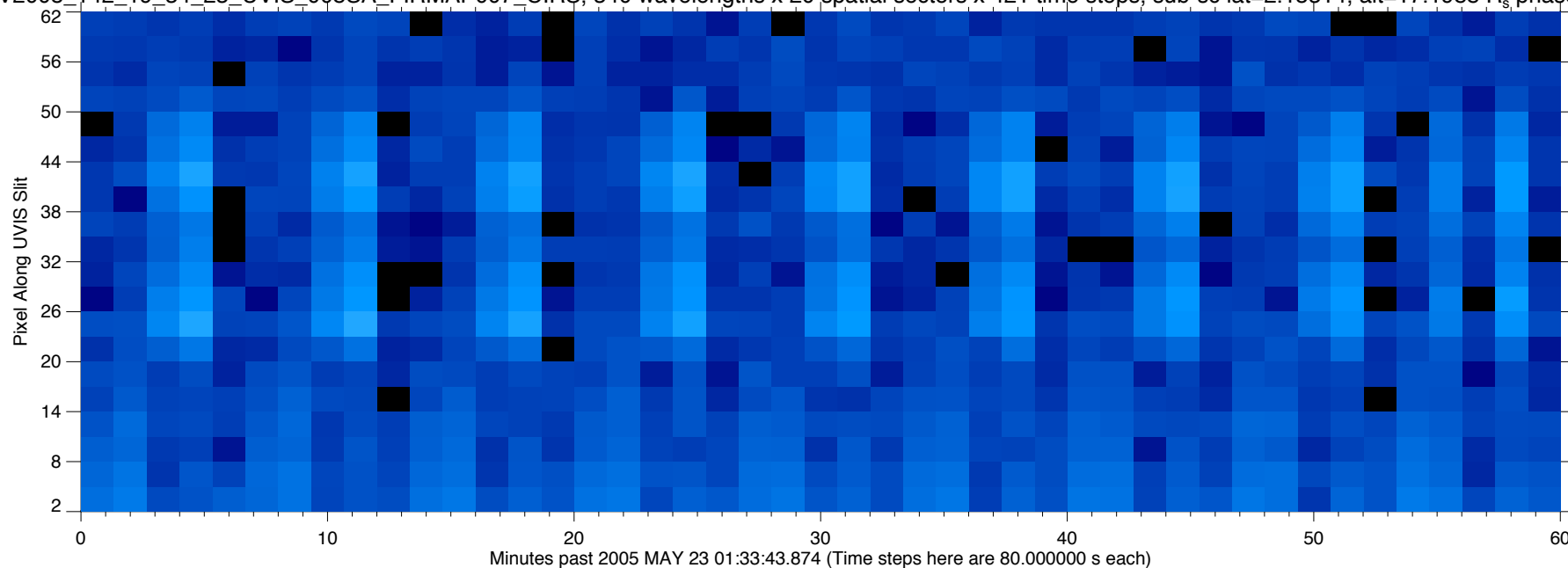
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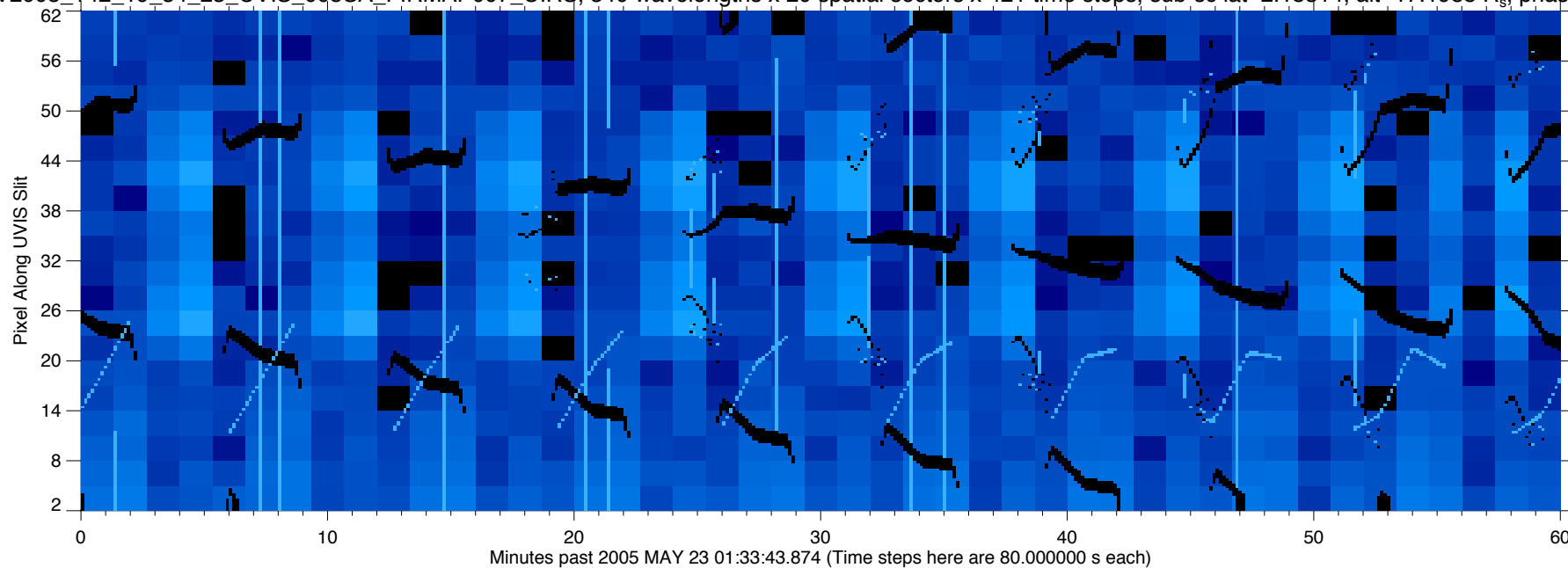
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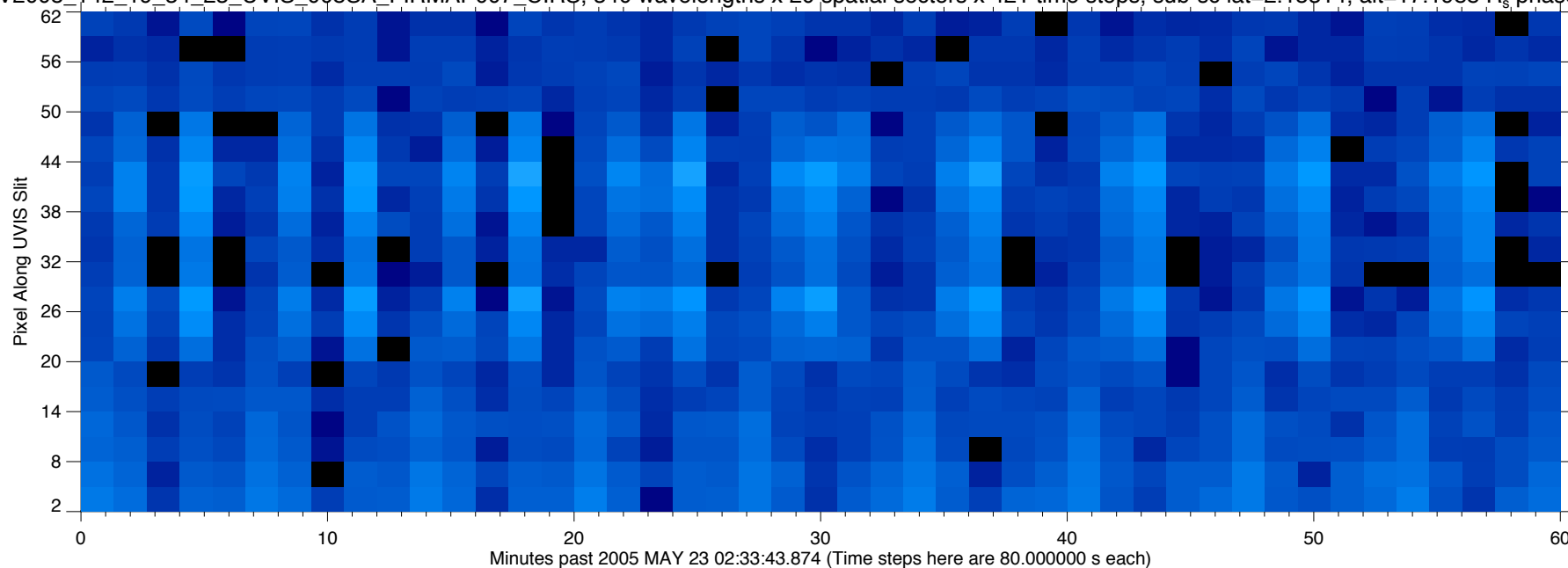
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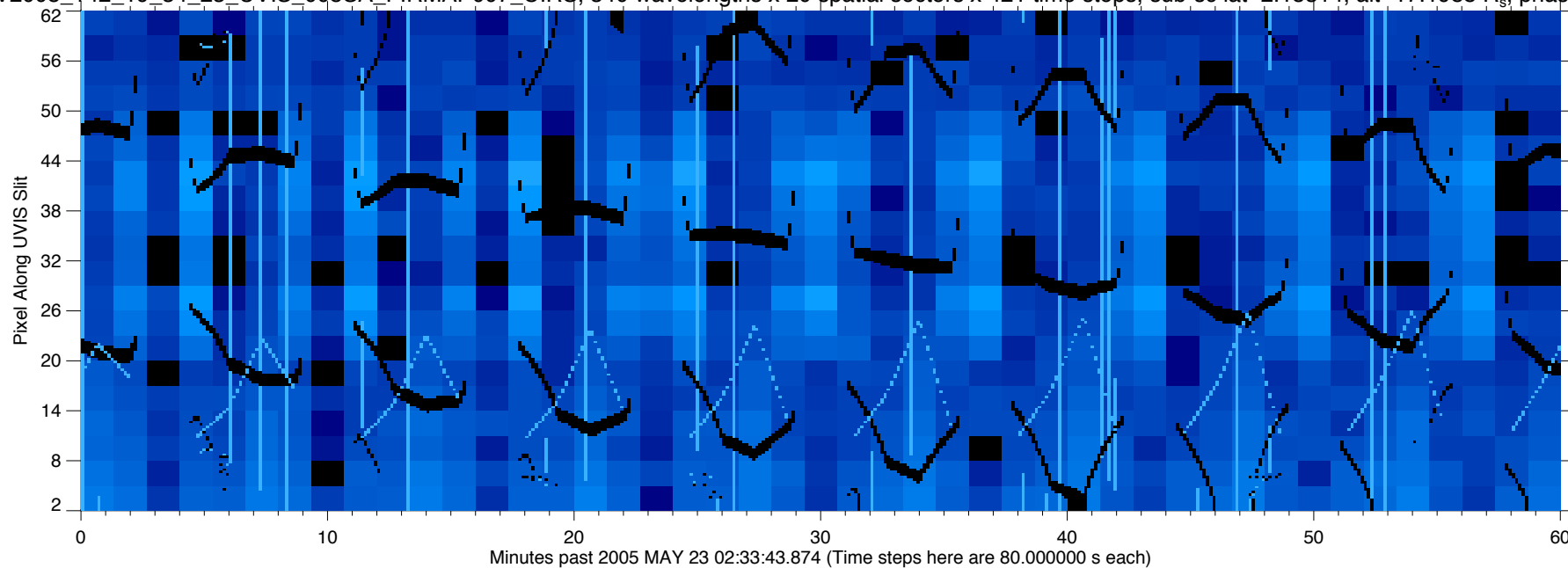
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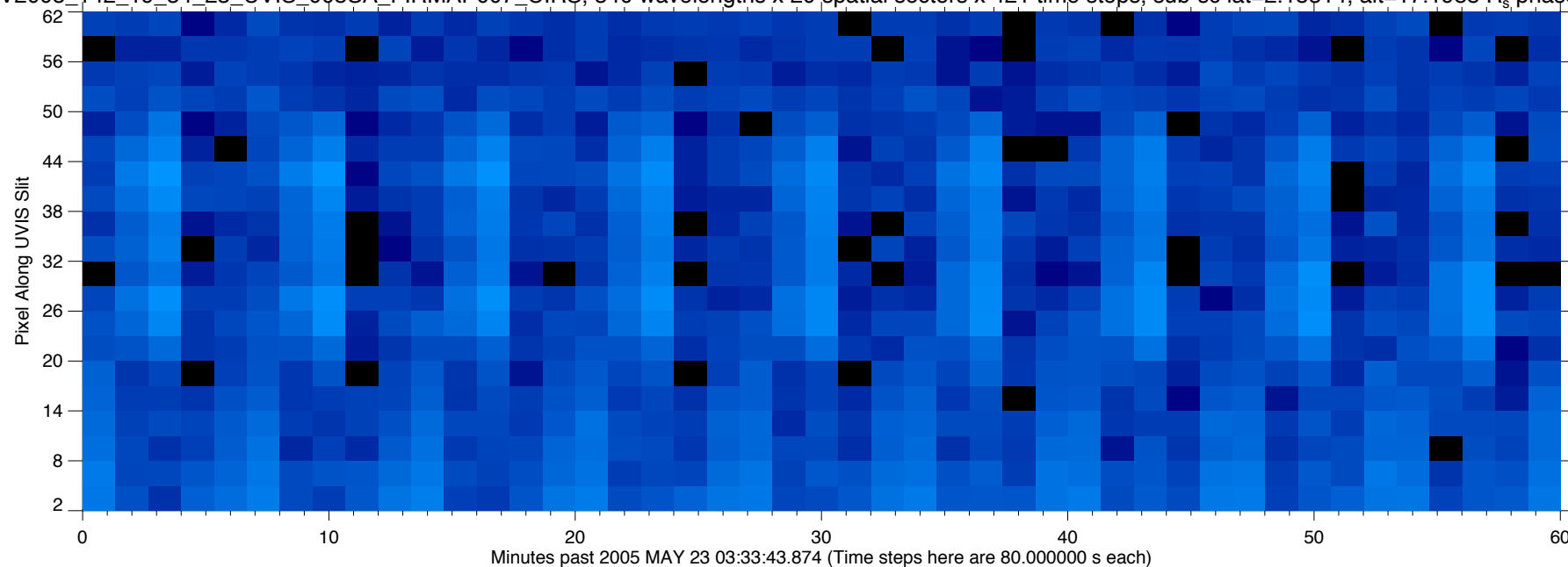
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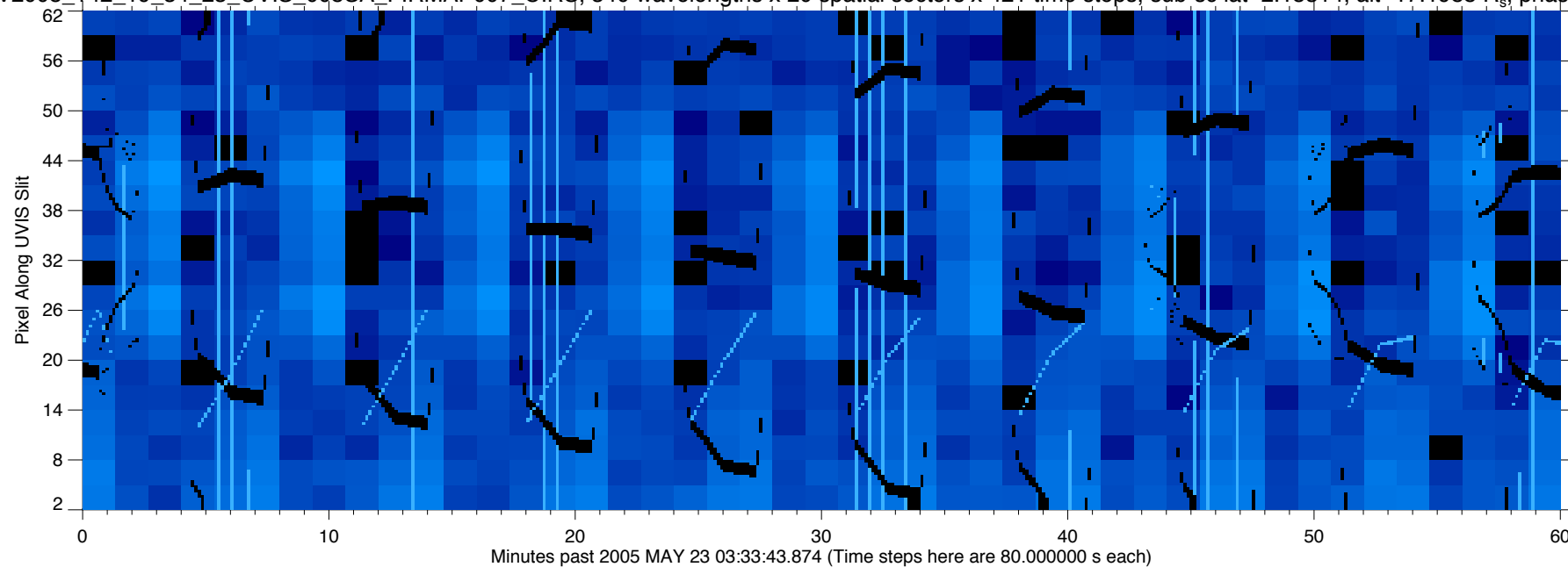
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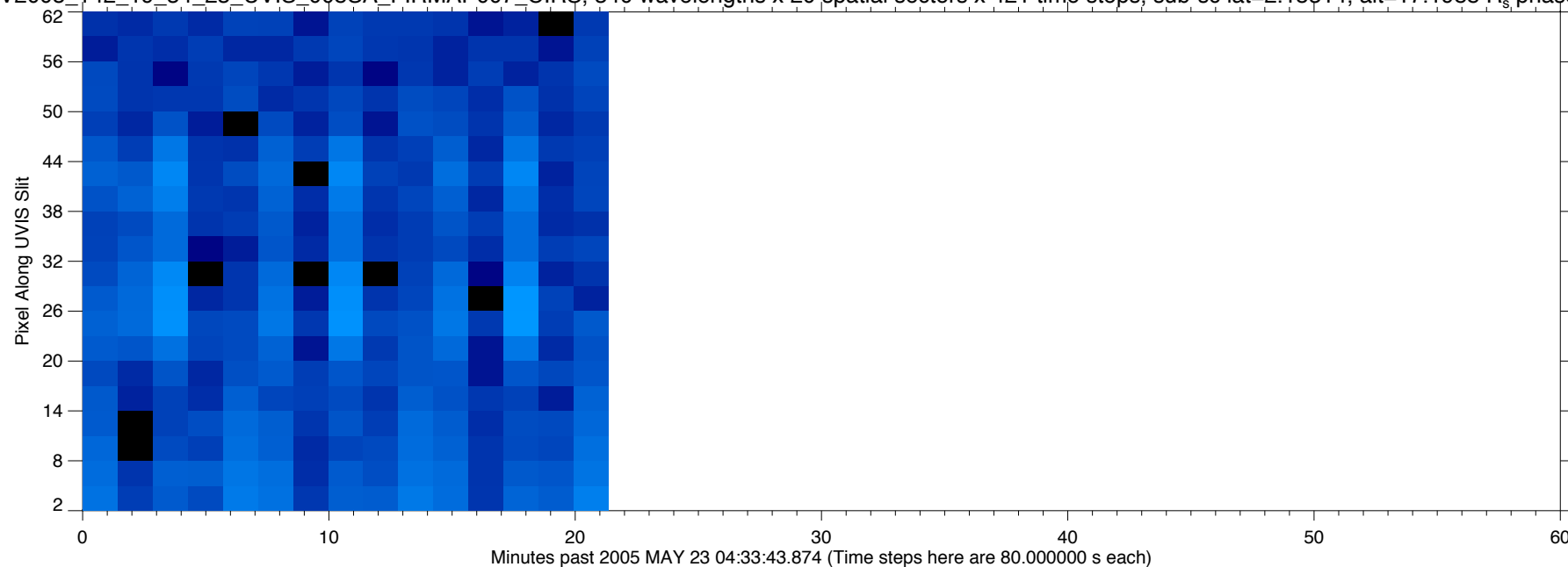
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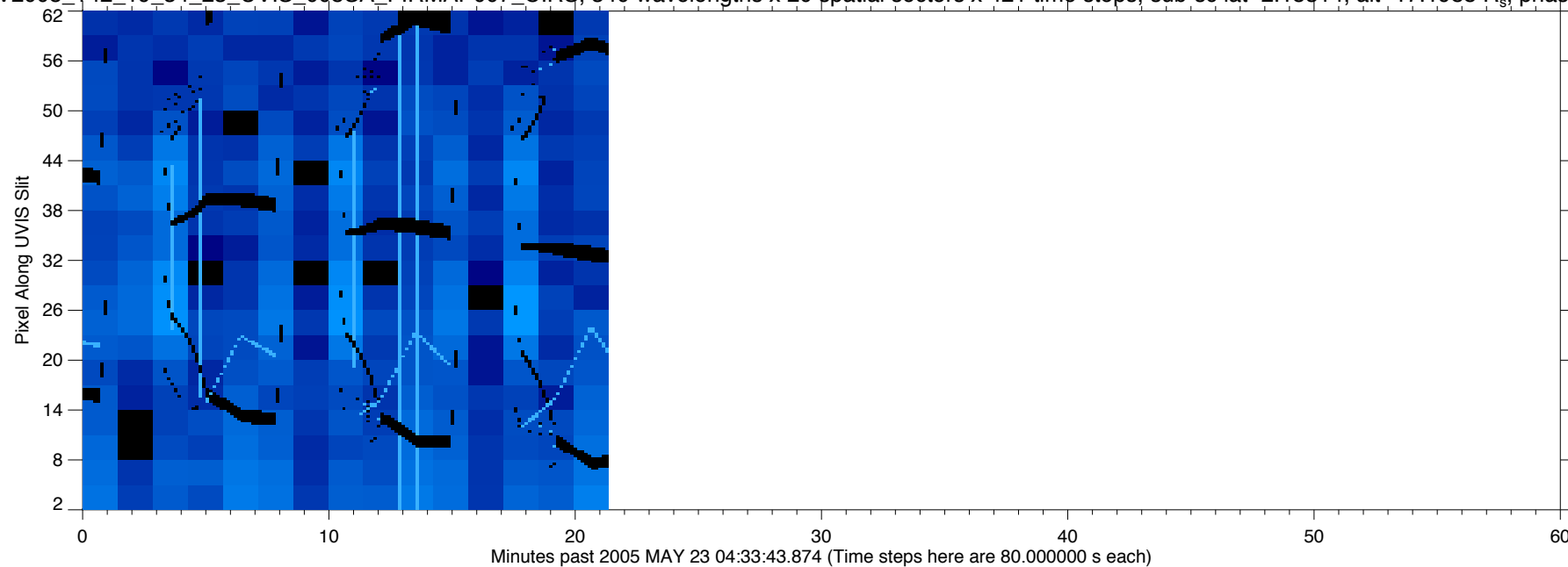
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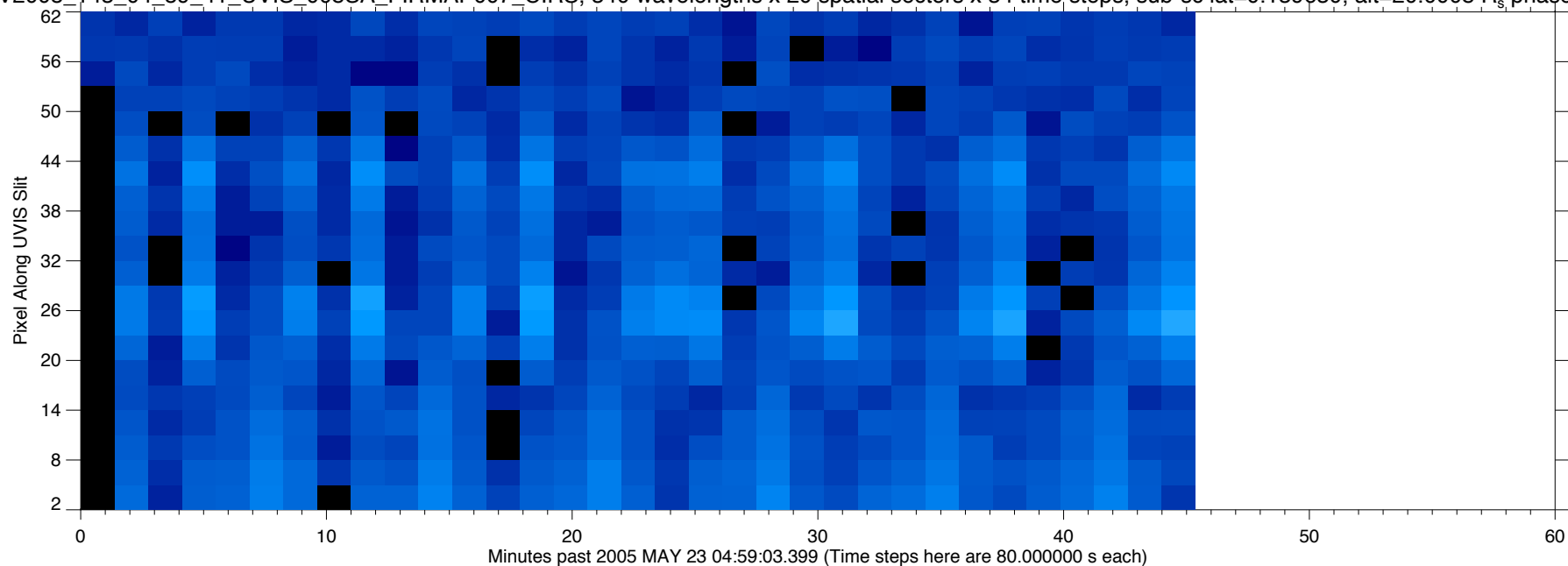
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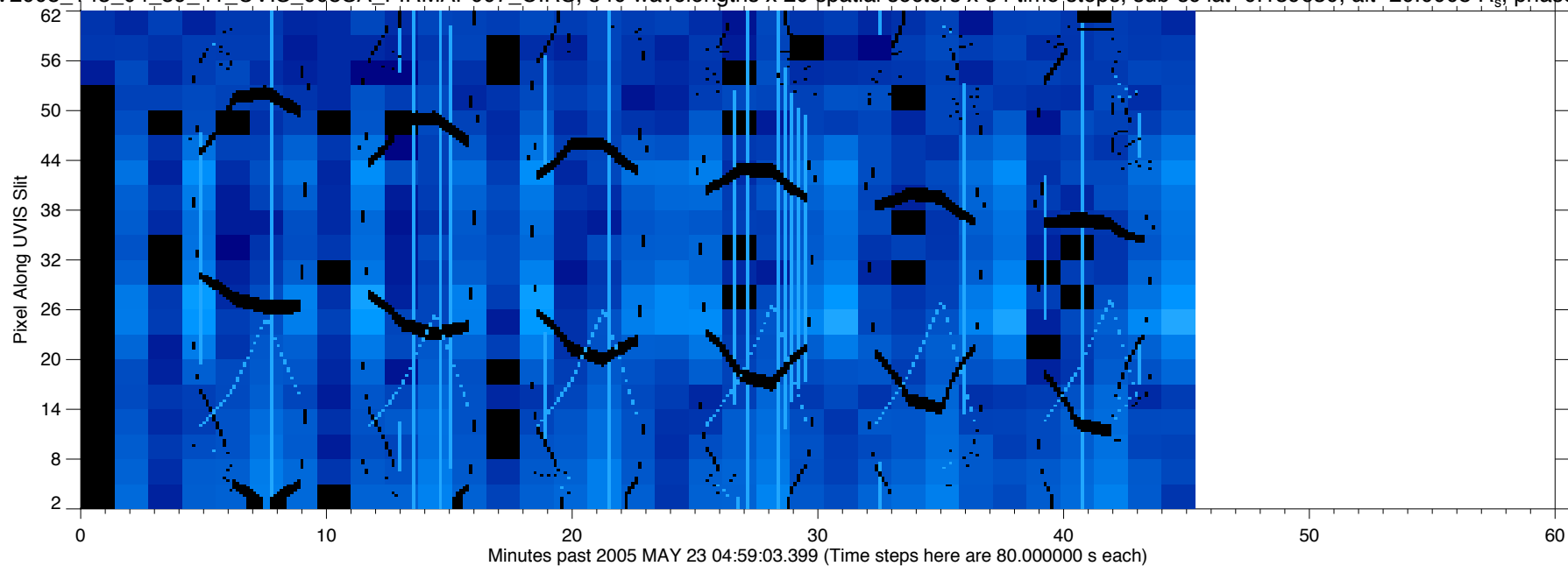
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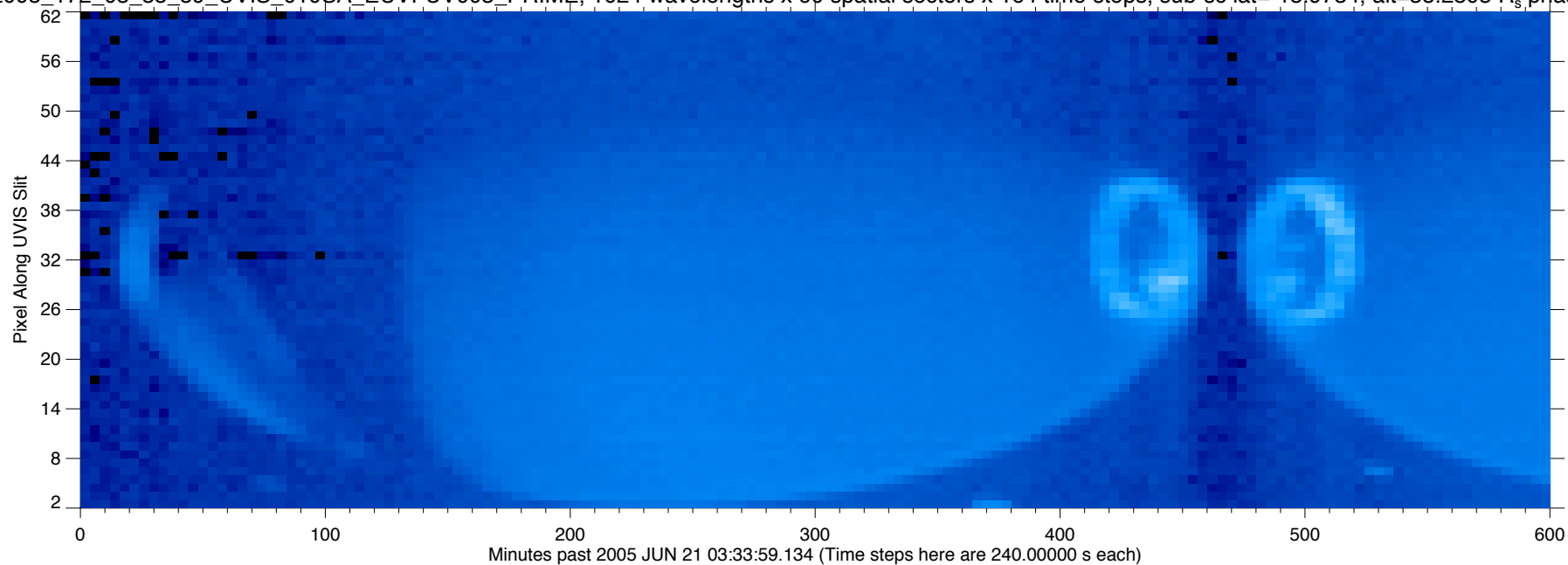
FUV2005_143_04_59_41_UVIS_008SA_FIRMAP007_CIRS, 340 wavelengths x 20 spatial sectors x 34 time steps, sub-sc lat=0.139630, alt=20.0008 R_s, phase=100.660



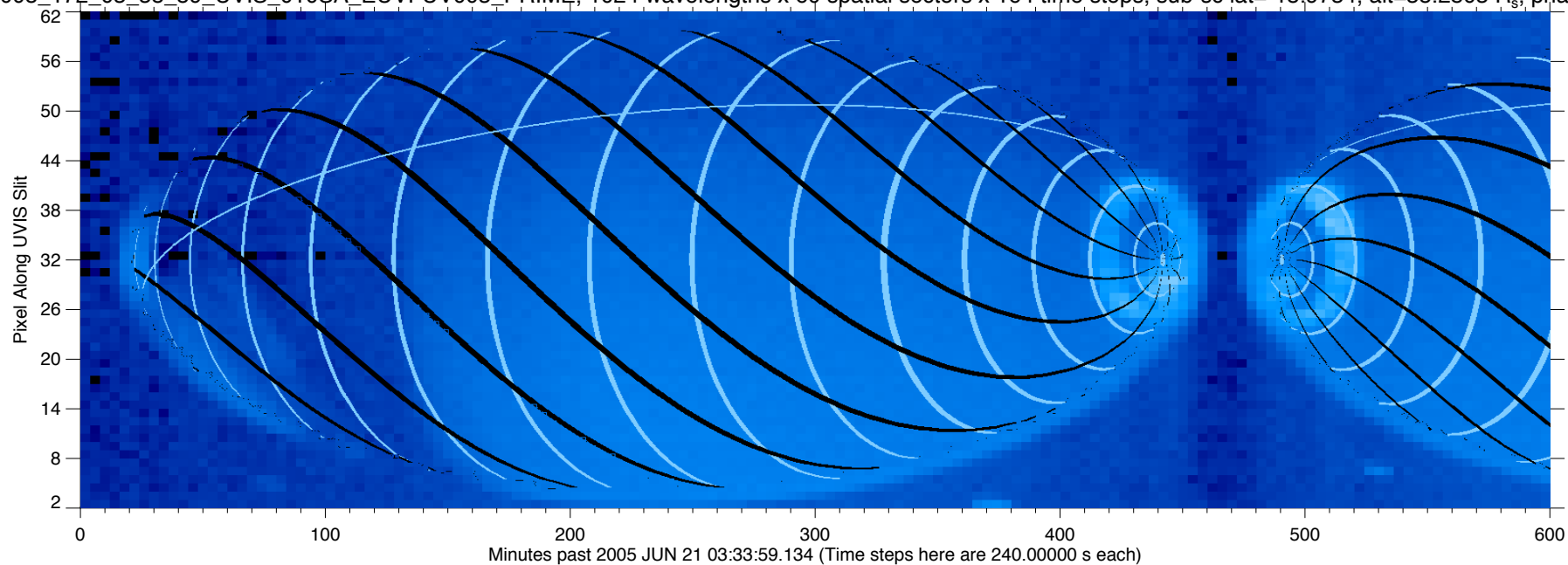
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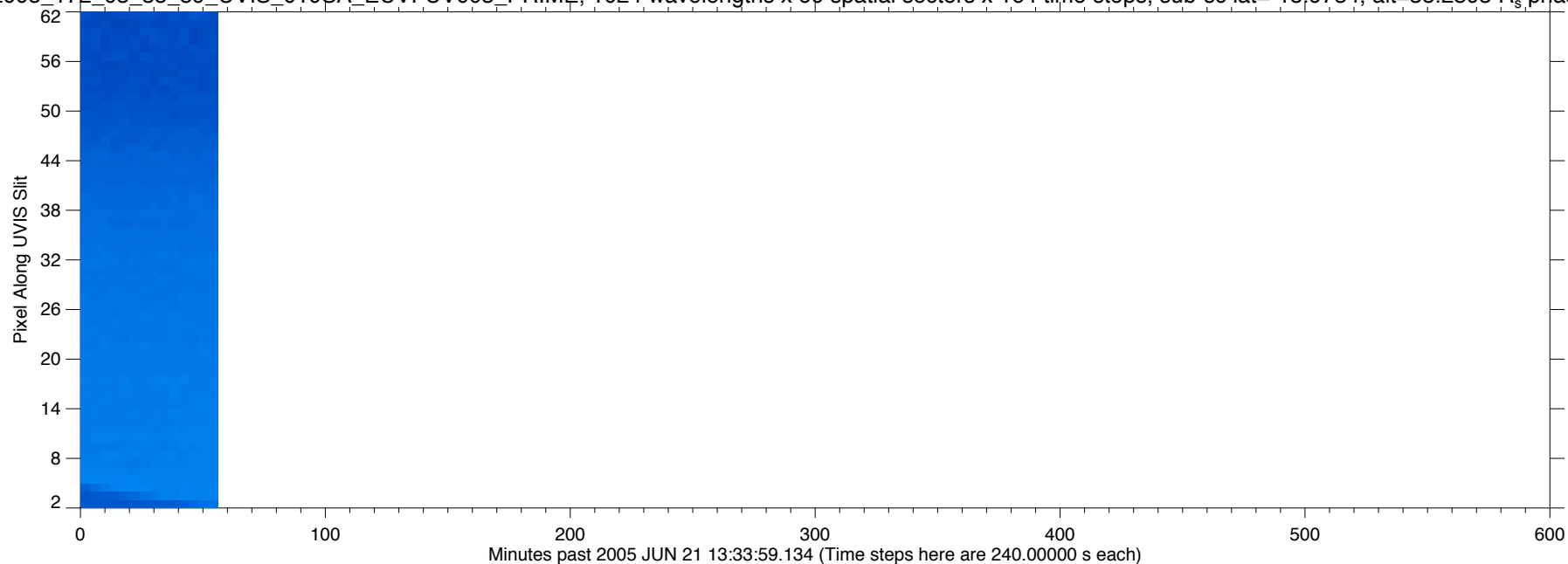
FUV2005_172_03_35_59_UVIS_010SA_EUVFUV003_PRIME, 1024 wavelengths x 60 spatial sectors x 164 time steps, sub-sc lat=-15.9734, alt=35.2803 R_s, phase=54.0932



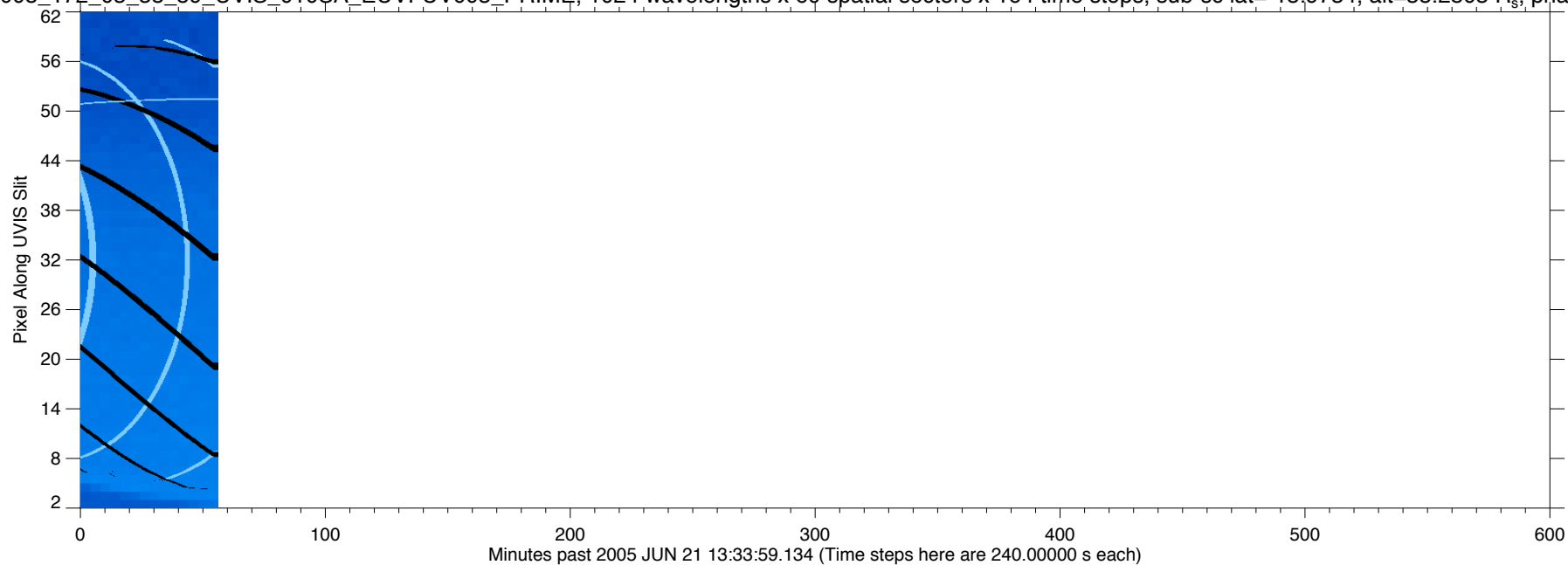
FUV2005_172_03_35_59_UVIS_010SA_EUVFUV003_PRIME, 1024 wavelengths x 60 spatial sectors x 164 time steps, sub-sc lat=-15.9734, alt=35.2803 R_s, phase=54.0932



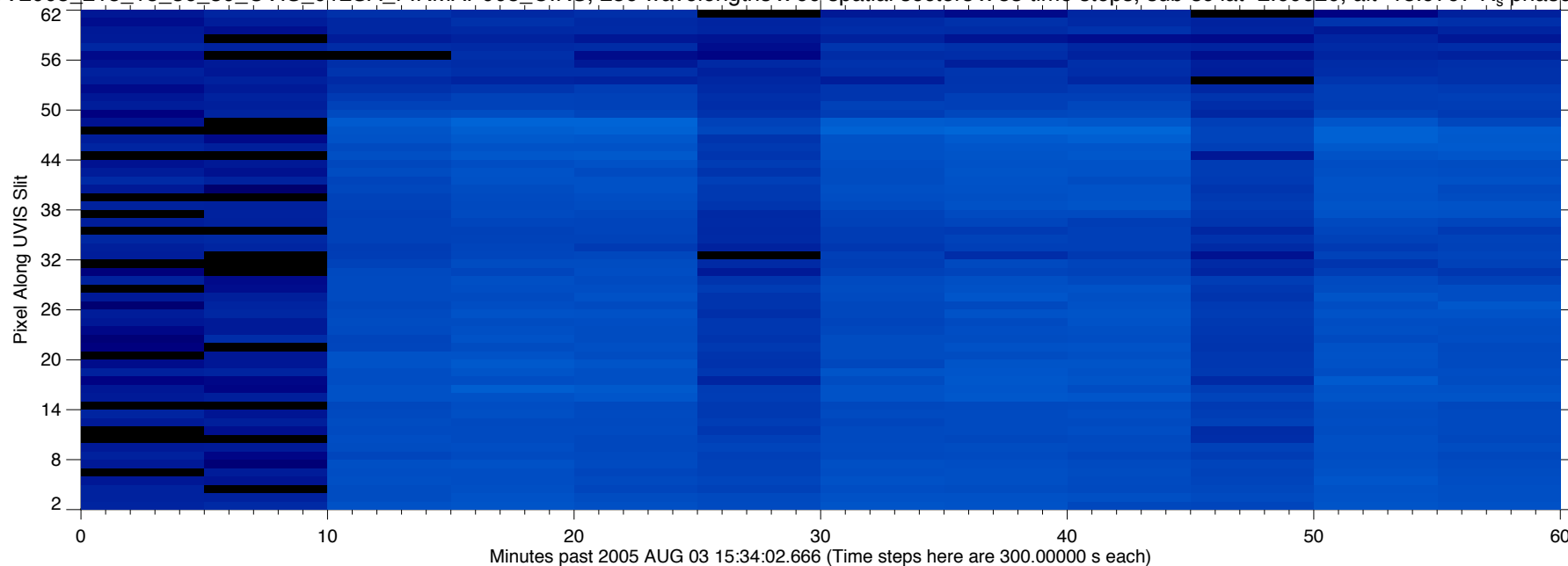
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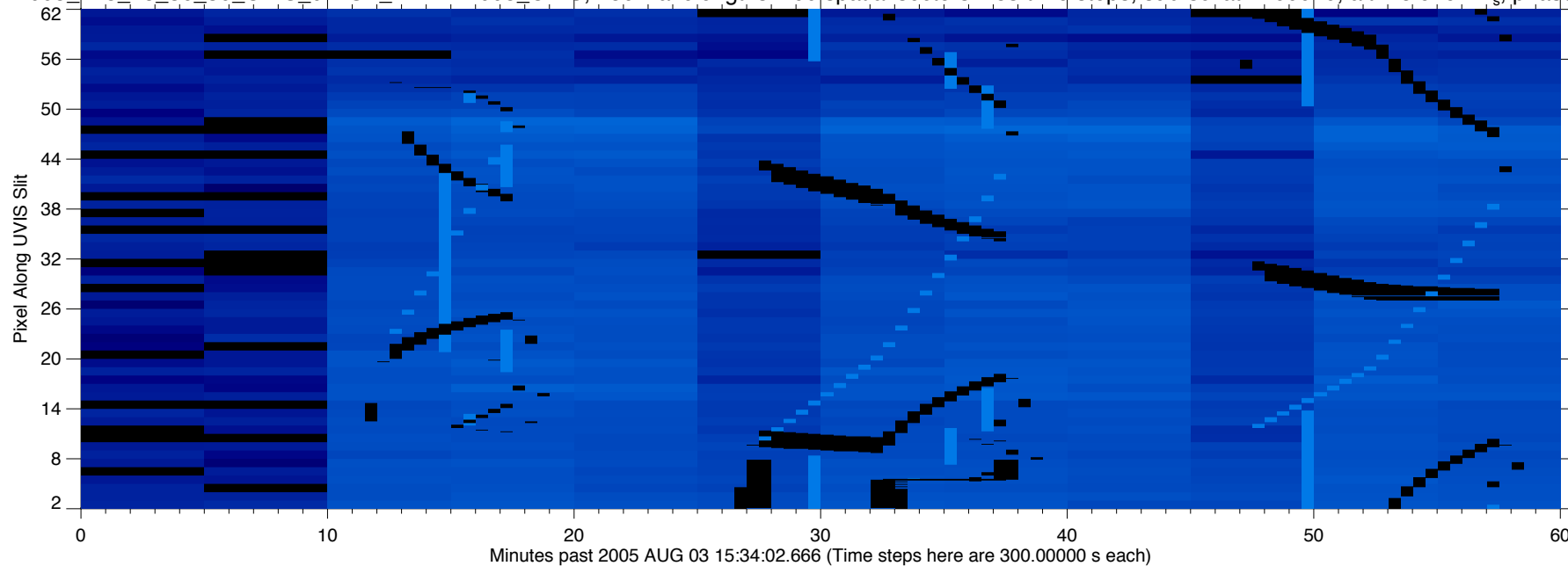
FUV2005_172_03_35_59_UVIS_010SA_EUVFUV003_PRIME, 1024 wavelengths x 60 spatial sectors x 164 time steps, sub-sc lat=-15.9734, alt=35.2803 R_s, phase=54.0932



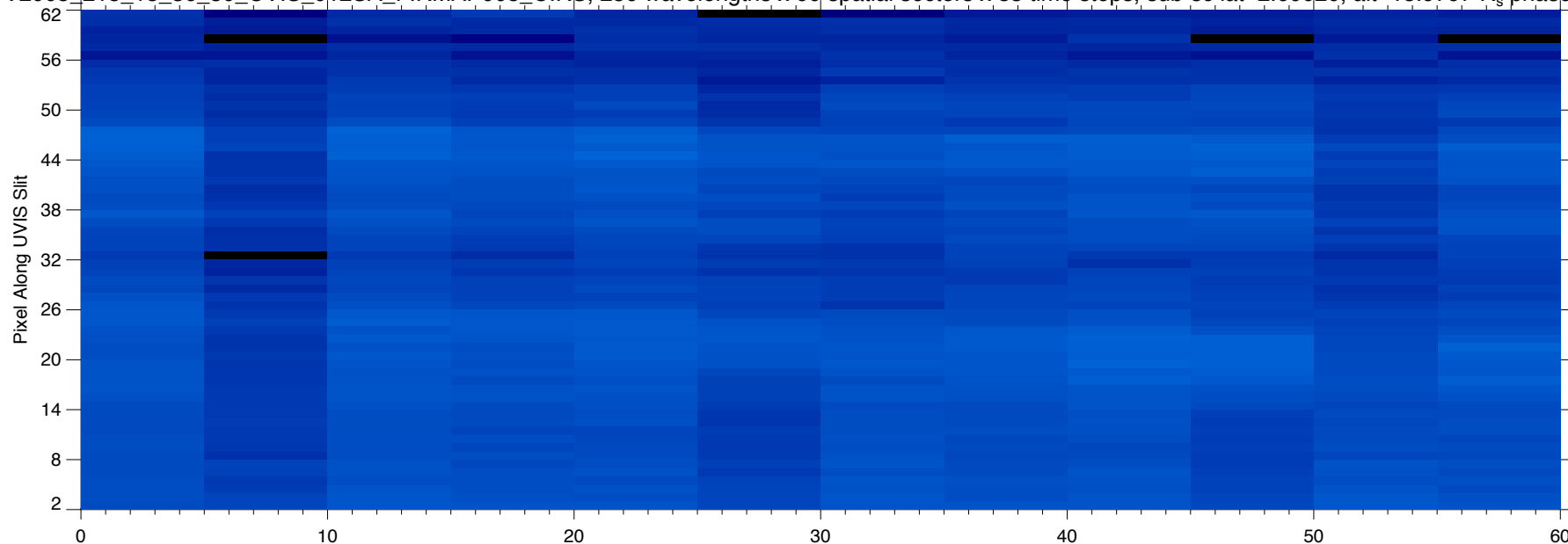
FUV2005_215_15_36_30_UVIS_012SA_FIRMAP008_CIRS, 256 wavelengths x 60 spatial sectors x 83 time steps, sub-sc lat=2.60020, alt=15.9797 R_s, phase=110.921



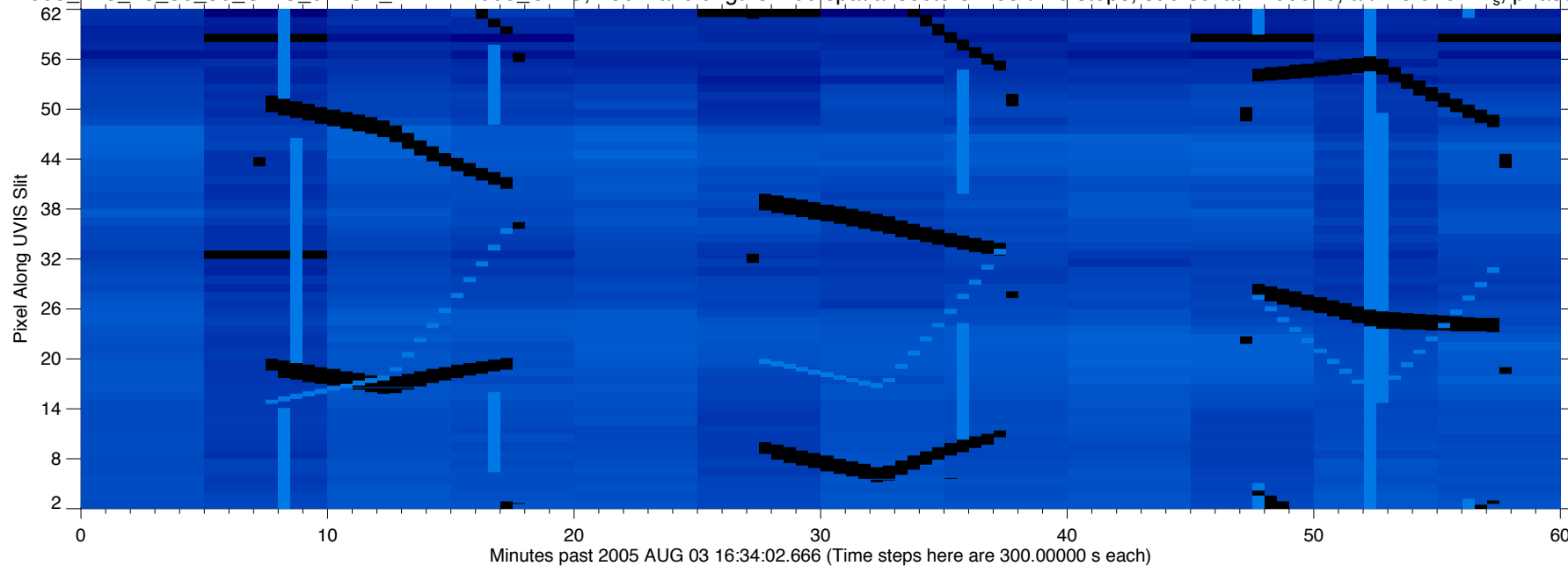
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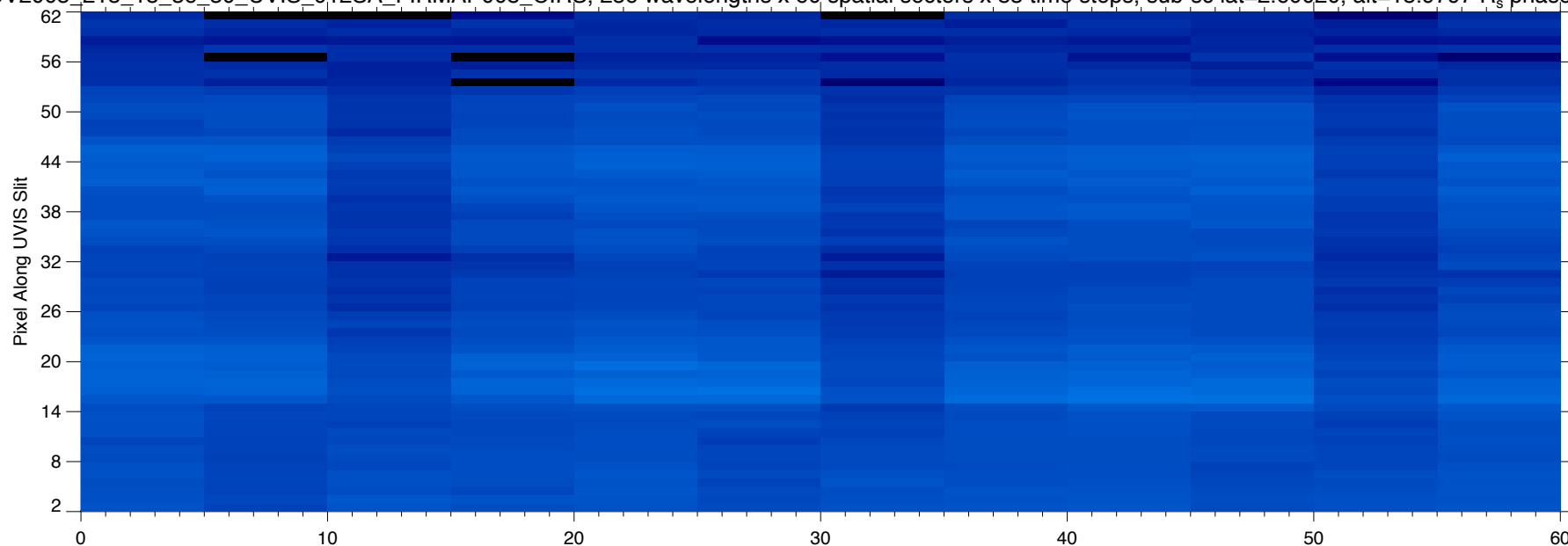
FUV2005_215_15_36_30_UVIS_012SA_FIRMAP008_CIRS, 256 wavelengths x 60 spatial sectors x 83 time steps, sub-sc lat=2.60020, alt=15.9797 R_s phase=110.921



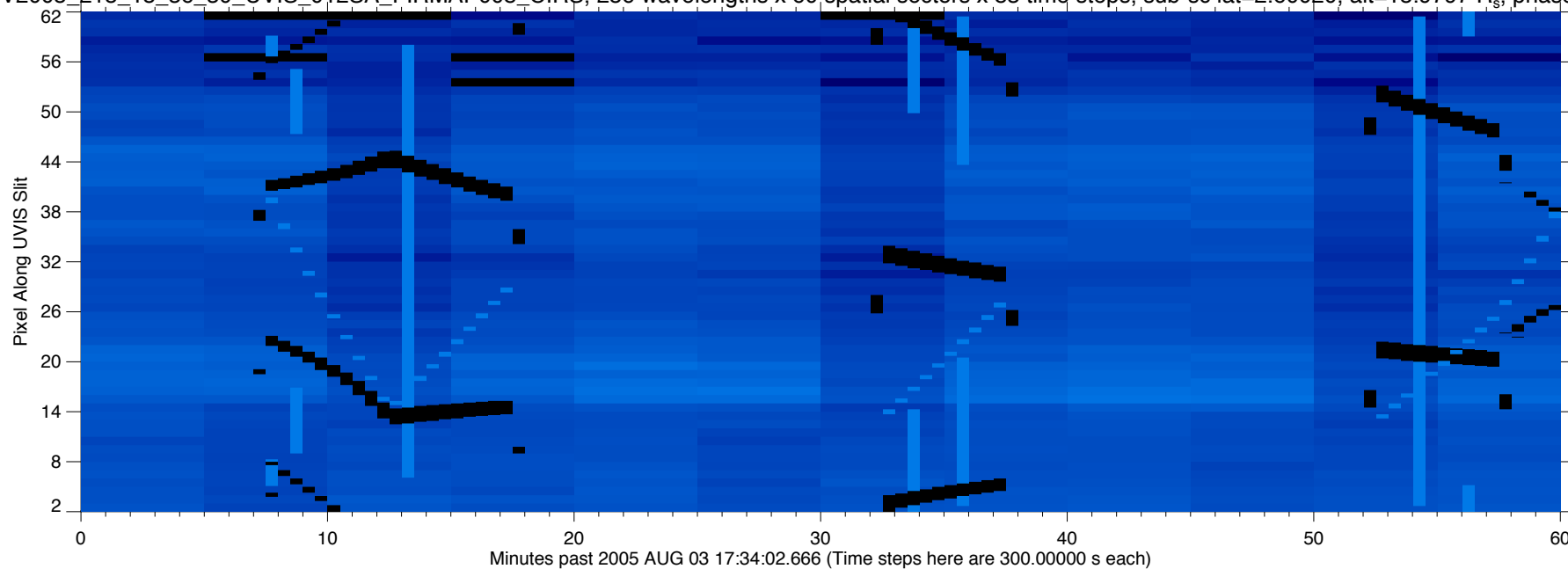
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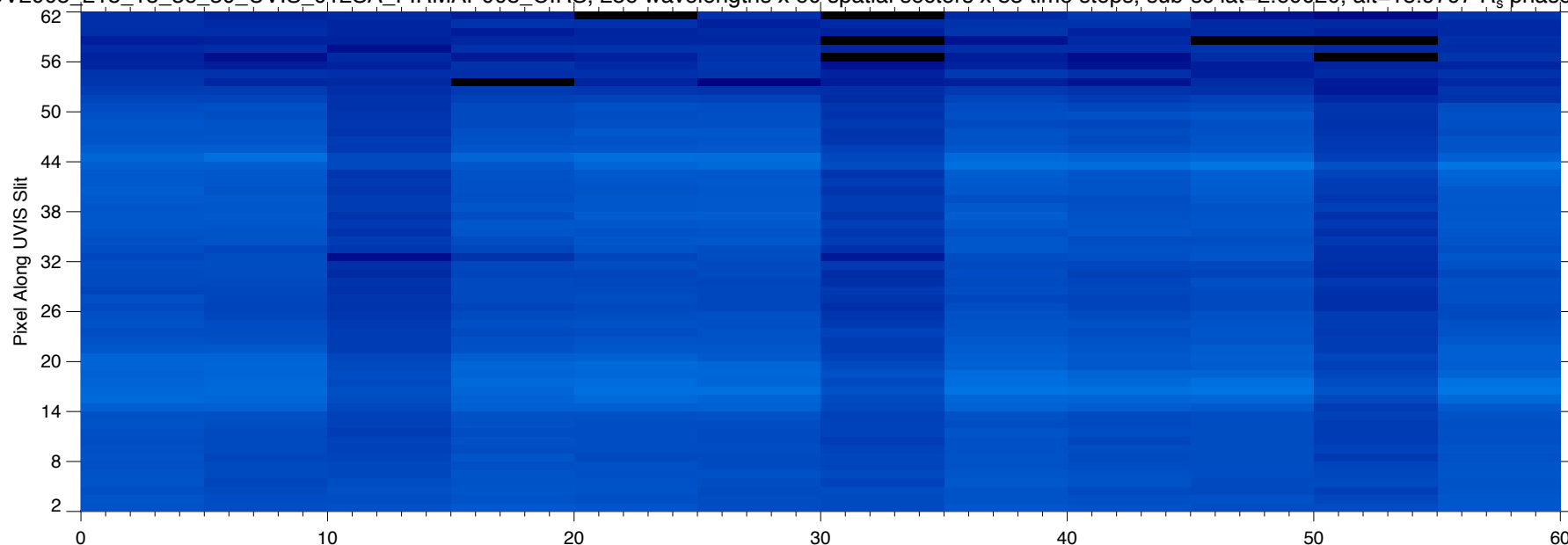
FUV2005_215_15_36_30_UVIS_012SA_FIRMAP008_CIRS, 256 wavelengths x 60 spatial sectors x 83 time steps, sub-sc lat=2.60020, alt=15.9797 R_s phase=110.921



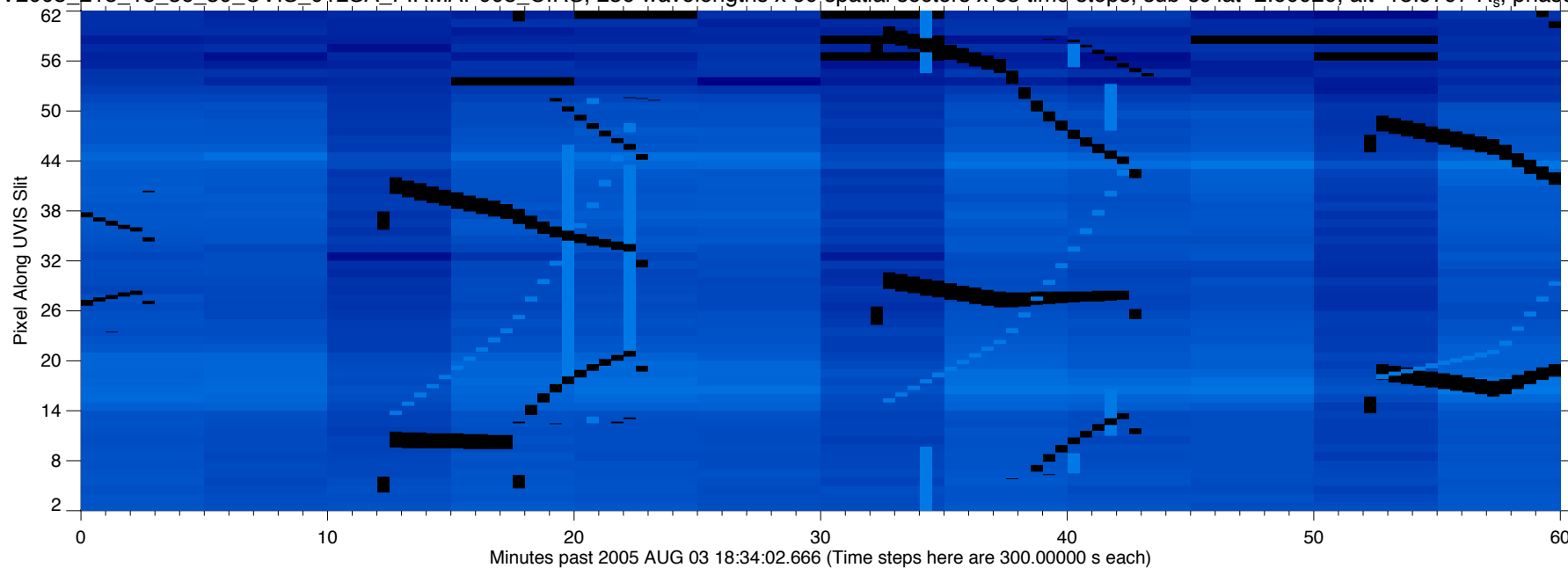
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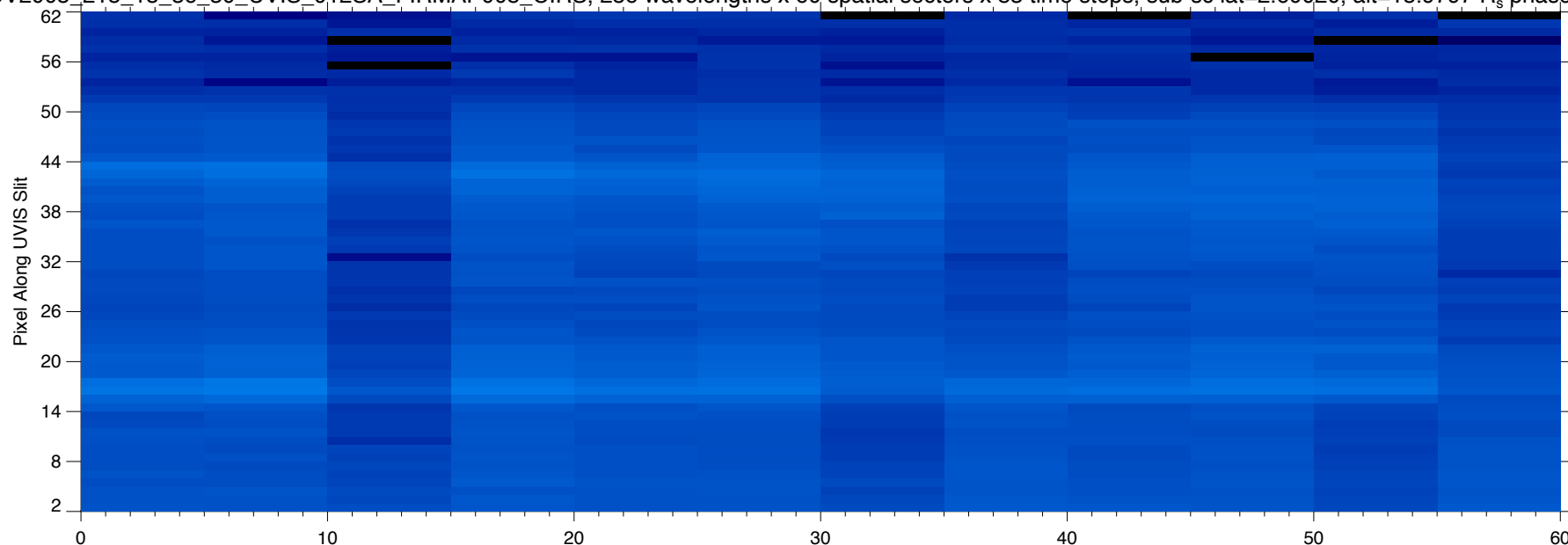
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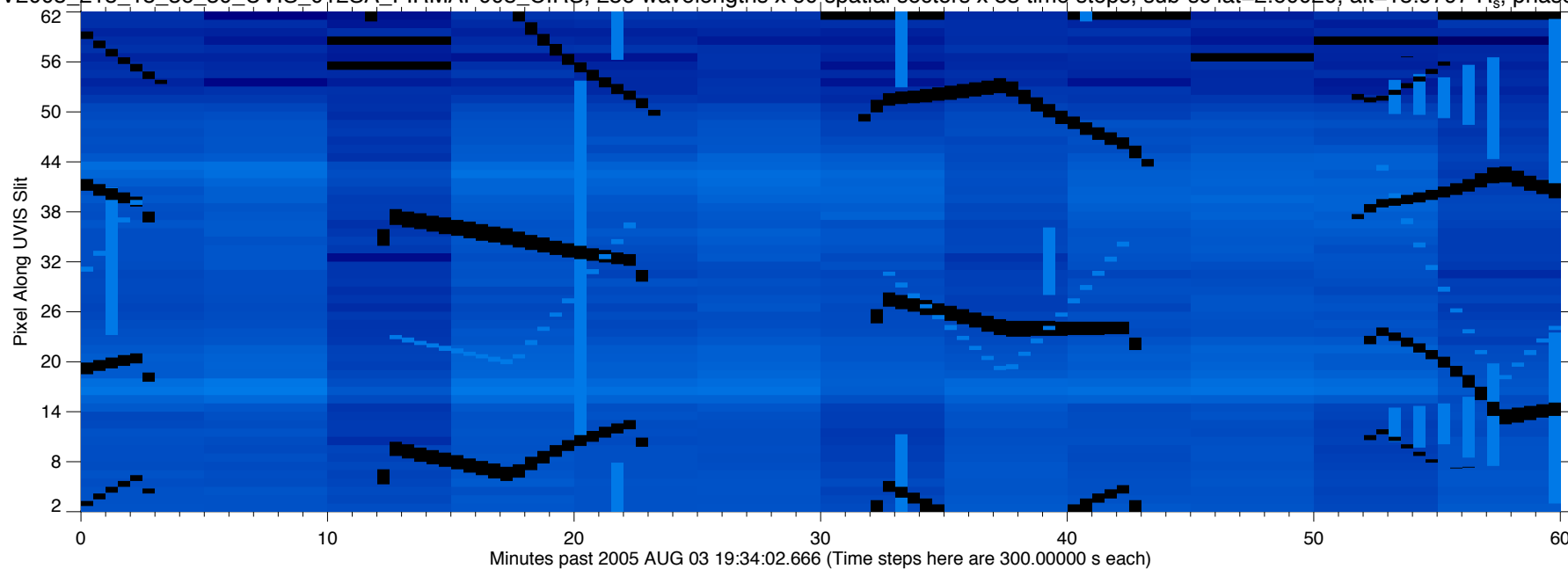
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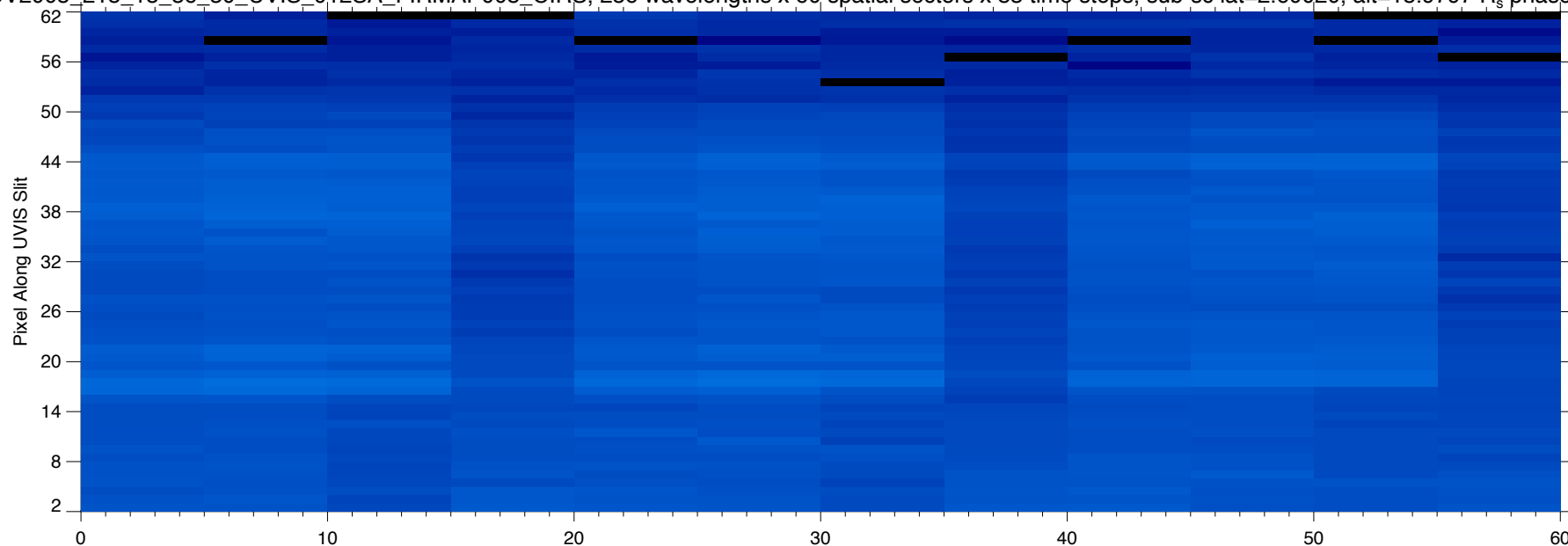
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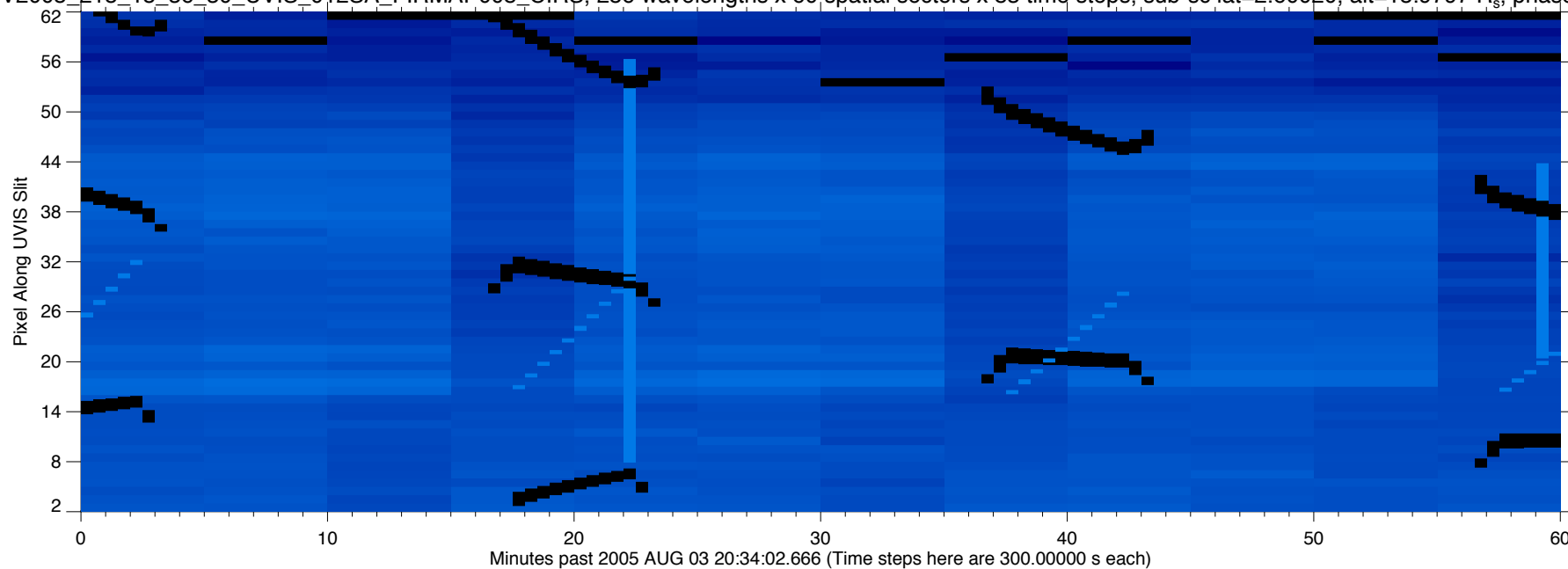
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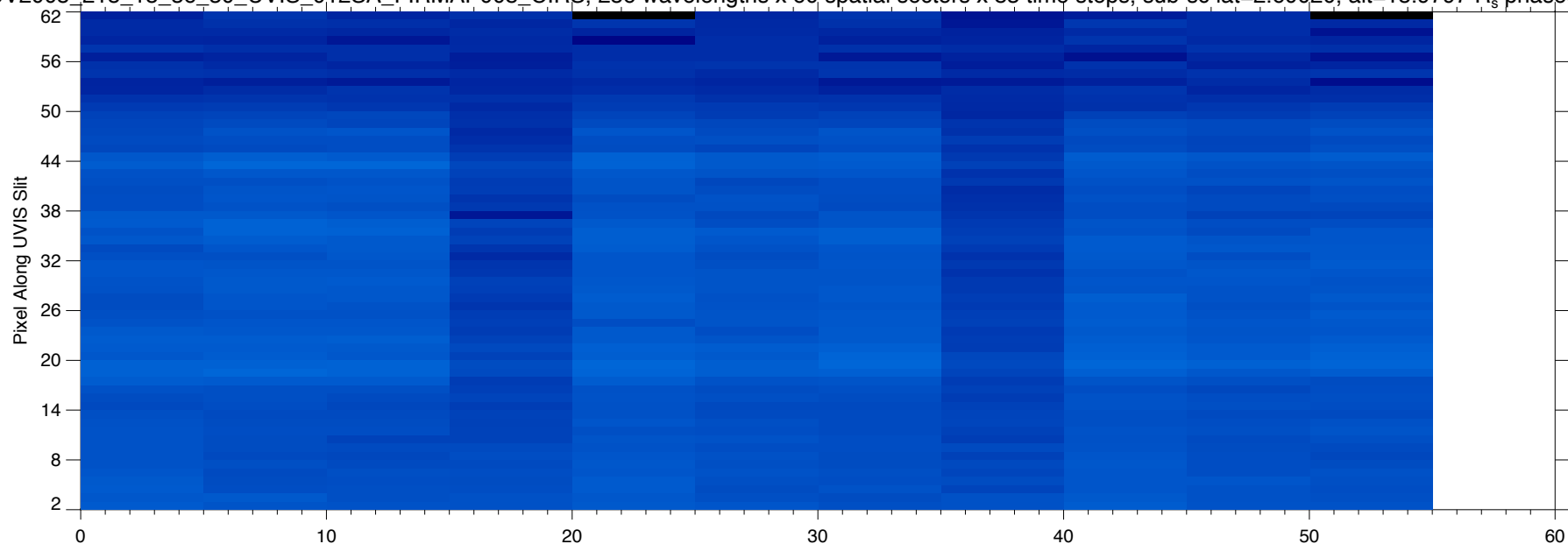
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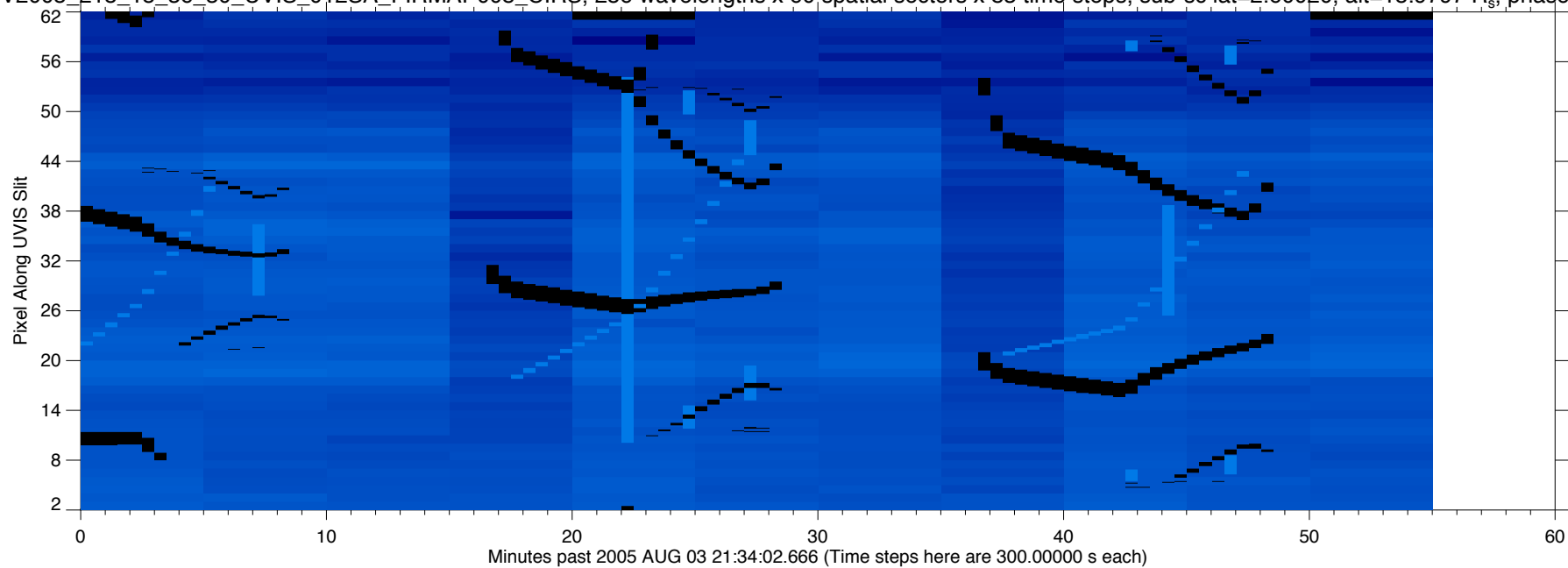
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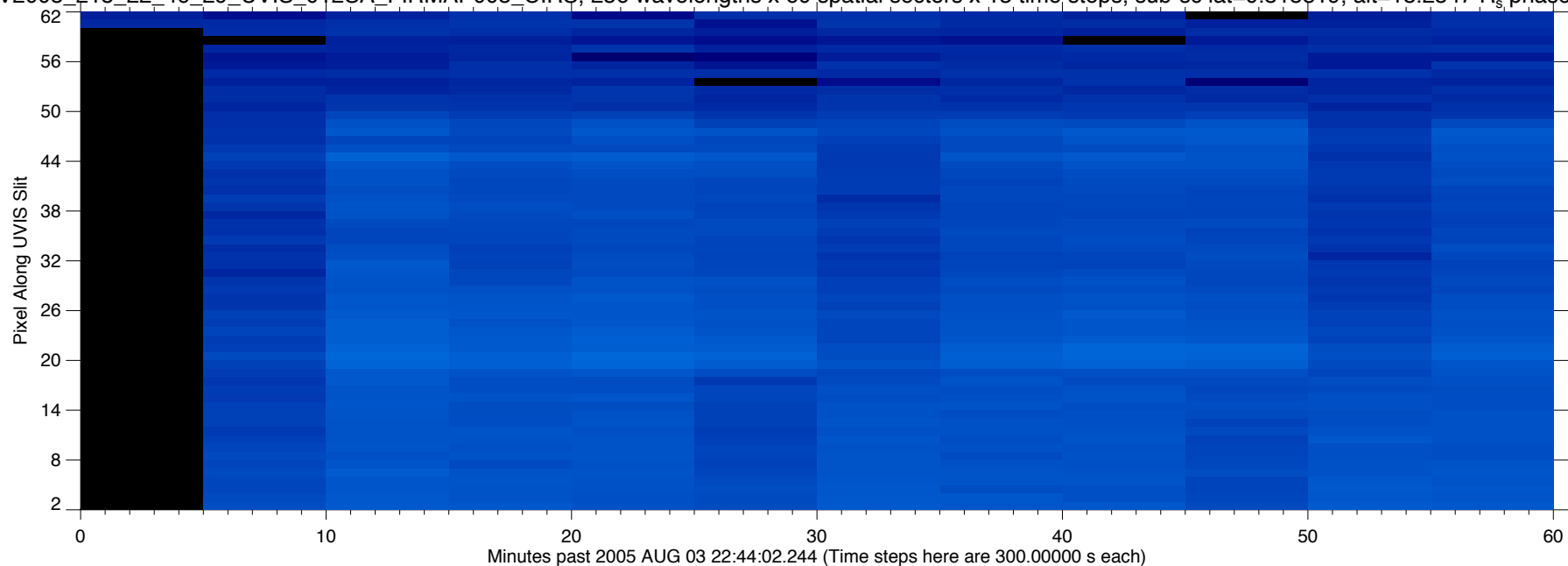
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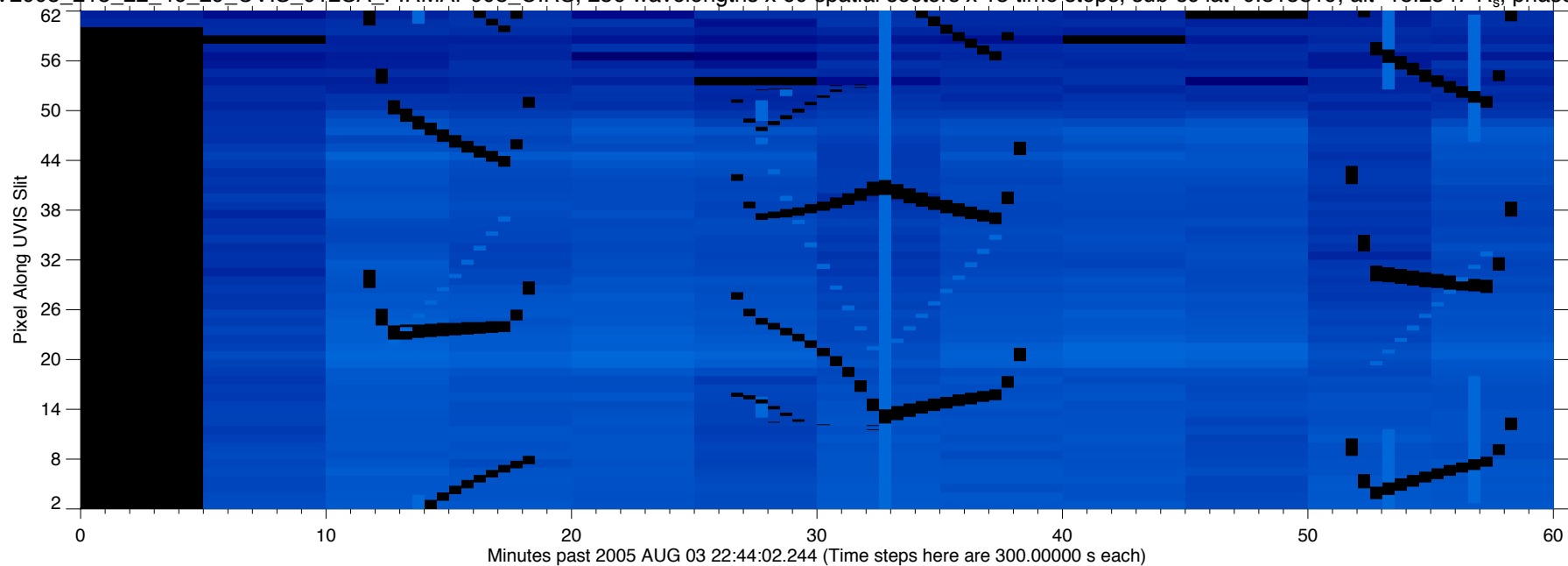
FUV2005_215_15_36_30_UVIS_012SA_FIRMAP008_CIRS, 256 wavelengths x 60 spatial sectors x 83 time steps, sub-sc lat=2.60020, alt=15.9797 R_s, phase=110.921



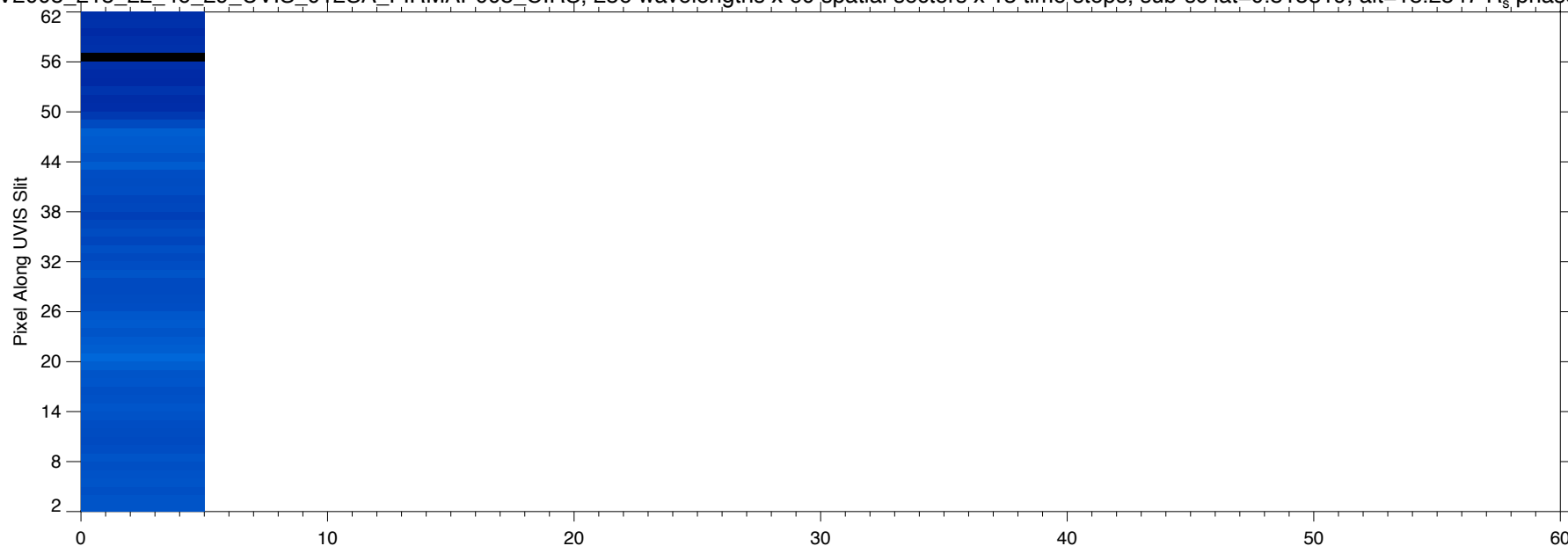
FUV2005_215_22_46_29_UVIS_012SA_FIRMAP008_CIRS, 256 wavelengths x 60 spatial sectors x 13 time steps, sub-sc lat=0.815819, alt=18.2547 R_s, phase=106.115



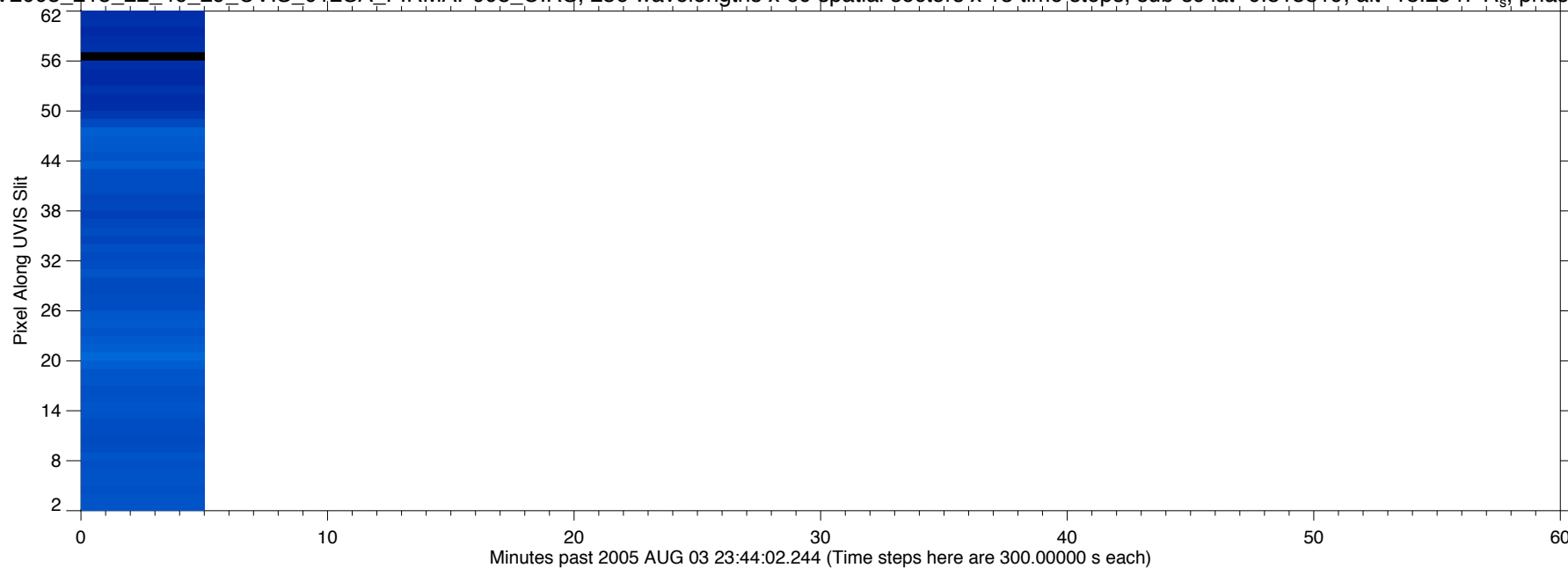
FUV2005_215_22_46_29_UVIS_012SA_FIRMAP008_CIRS, 256 wavelengths x 60 spatial sectors x 13 time steps, sub-sc lat=0.815819, alt=18.2547 R_s, phase=106.115



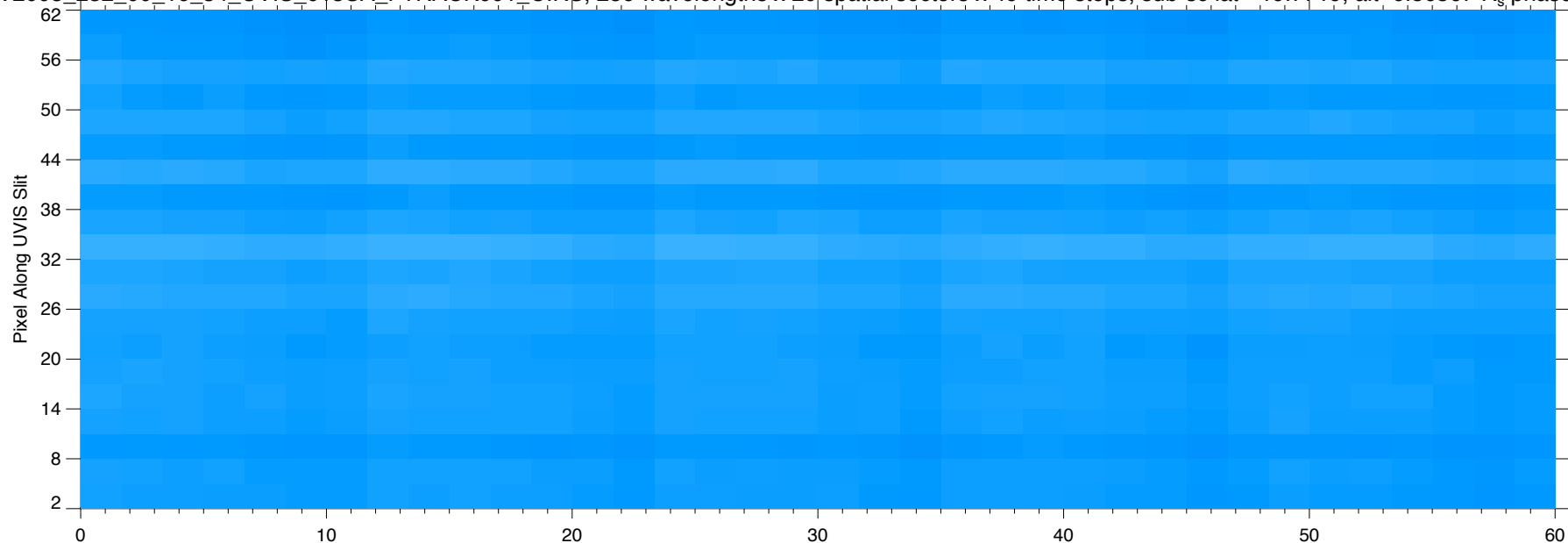
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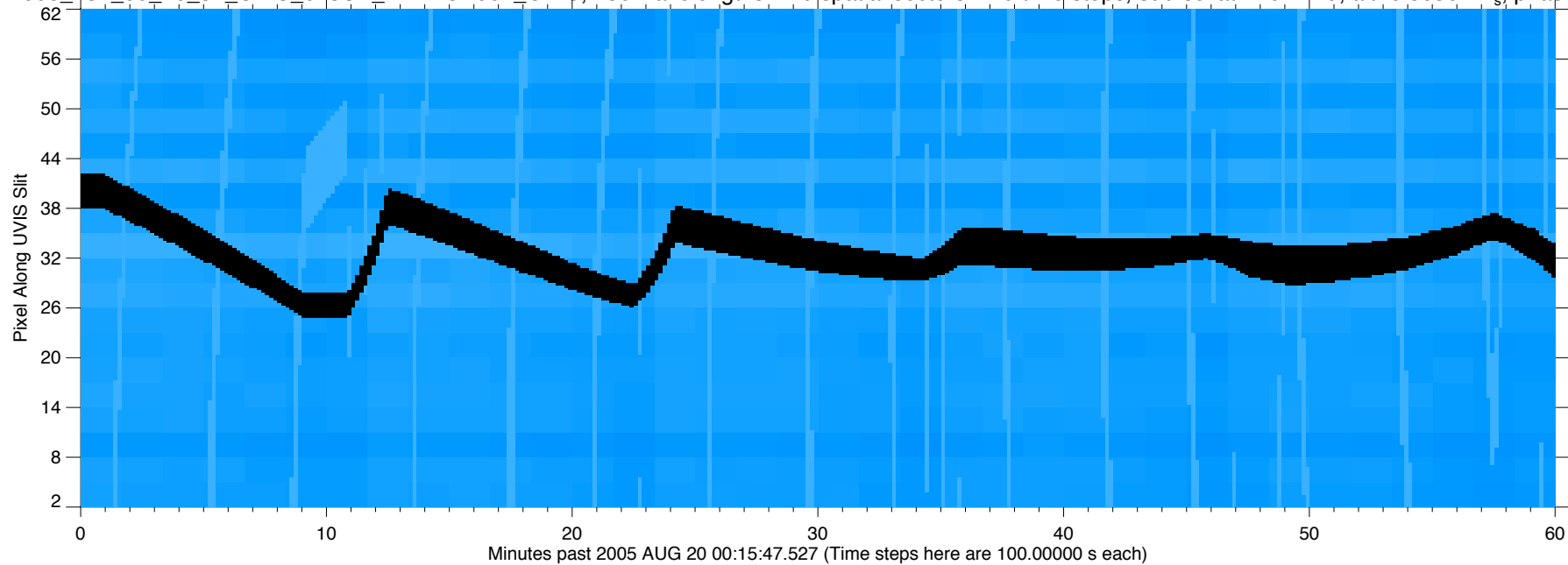
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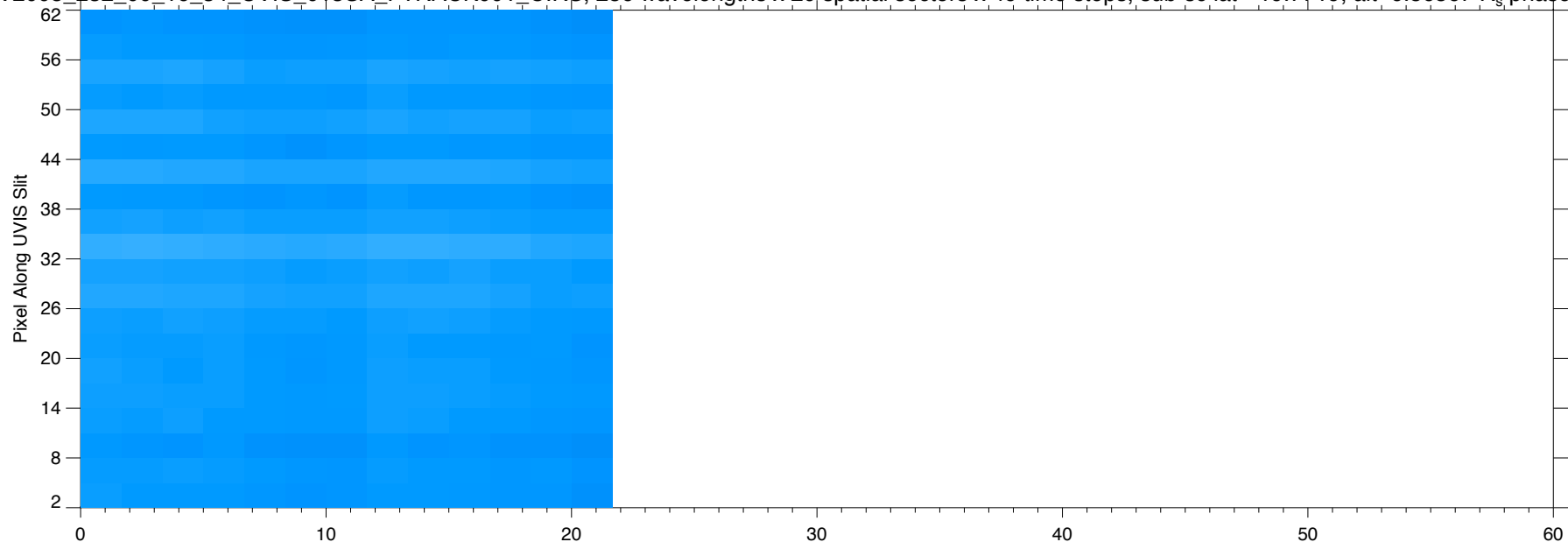
FUV2005_232_00_16_34_UVIS_013SA_FTRACK001_CIRS, 256 wavelengths x 20 spatial sectors x 49 time steps, sub-sc lat=-19.7719, alt=6.86567 R_s, phase=10.4916



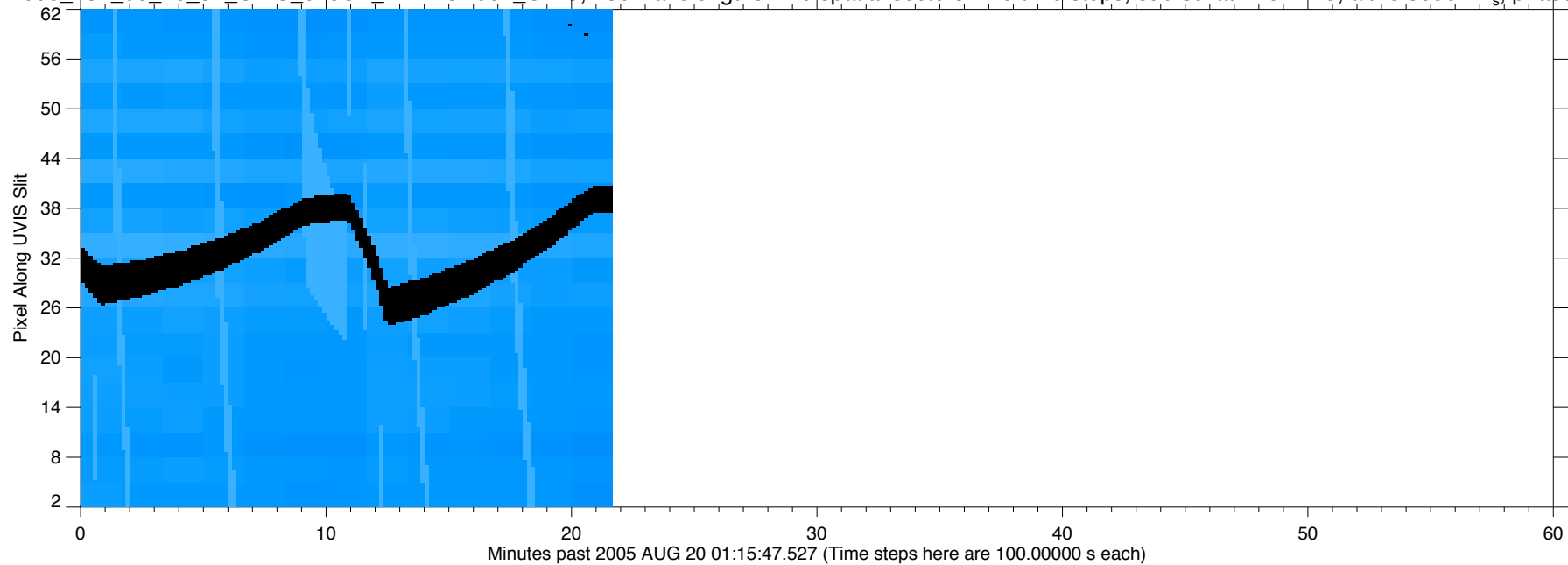
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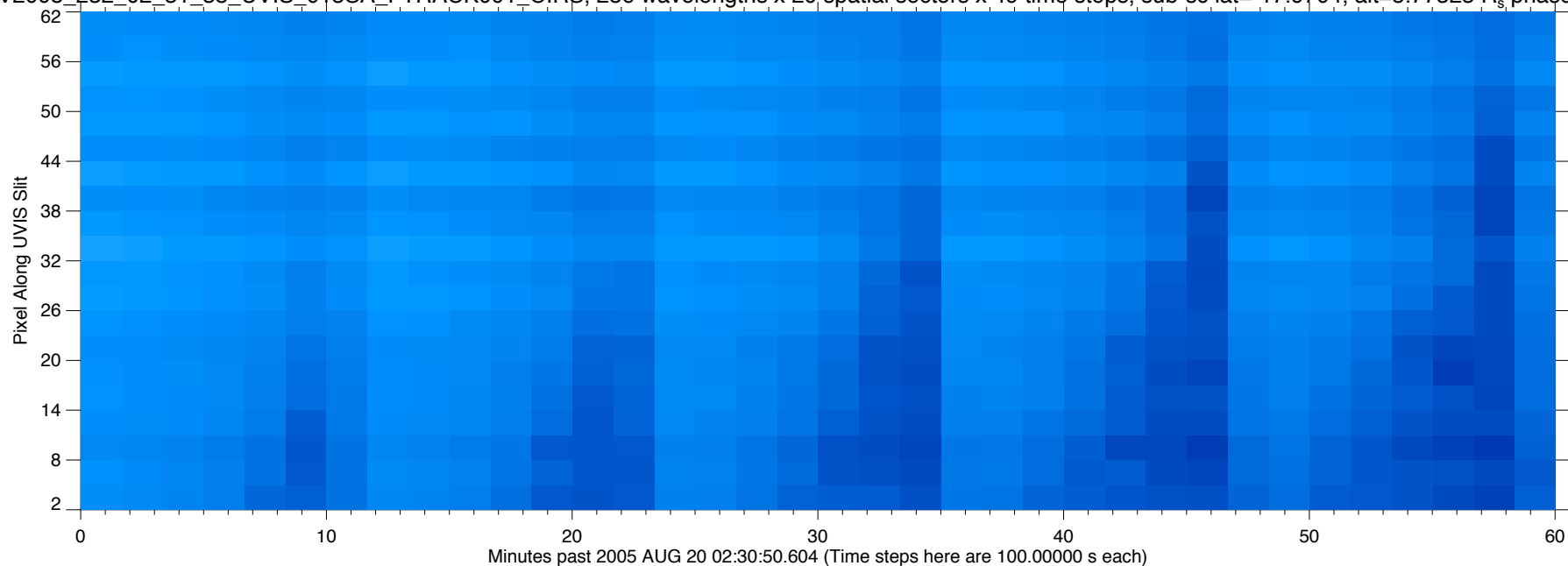
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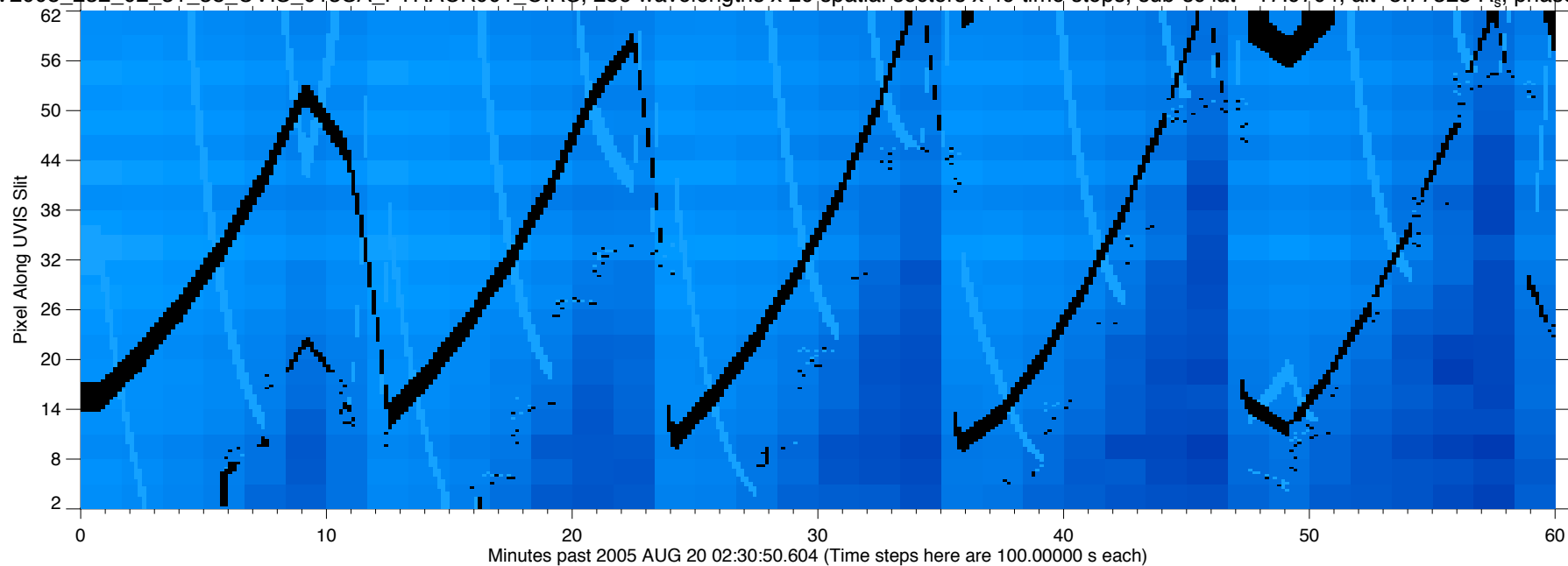
FUV2005_232_00_16_34_UVIS_013SA_FTRACK001_CIRS, 256 wavelengths x 20 spatial sectors x 49 time steps, sub-sc lat=-19.7719, alt=6.86567 R_s, phase=10.4916



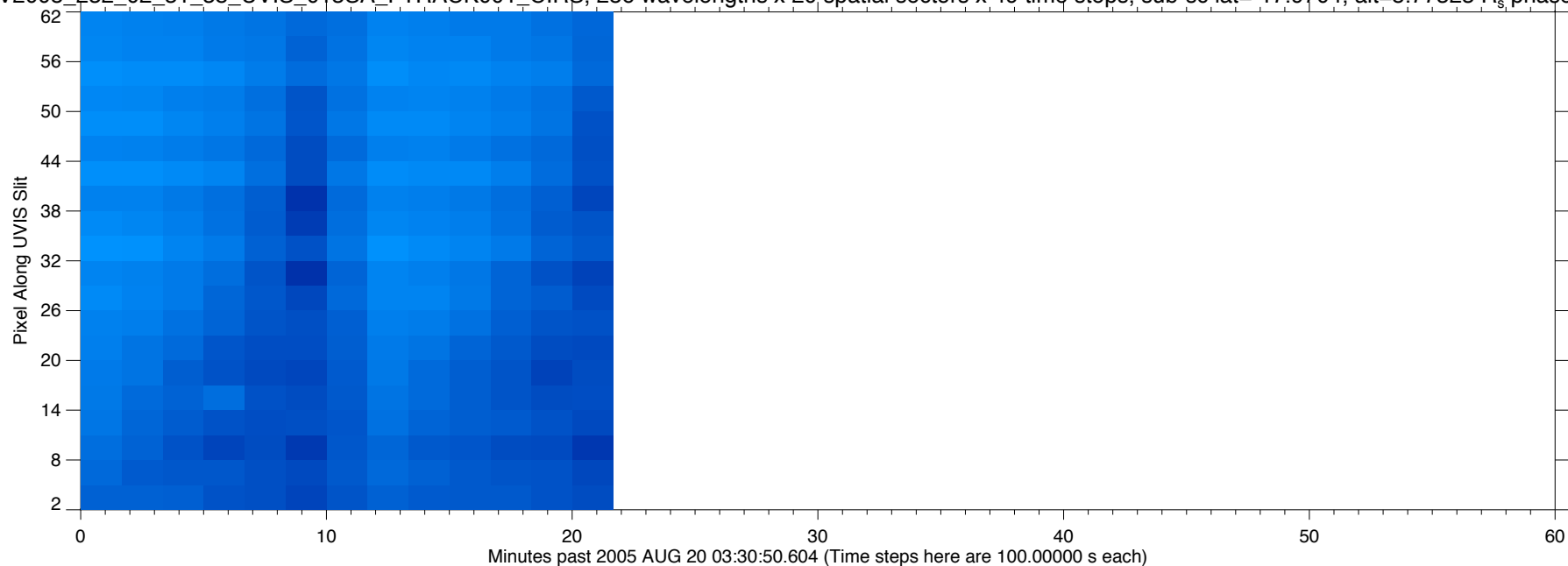
FUV2005_232_02_31_38_UVIS_013SA_FTRACK001_CIRS, 256 wavelengths x 20 spatial sectors x 49 time steps, sub-sc lat=-17.9704, alt=5.77323 R_s, phase=19.7645



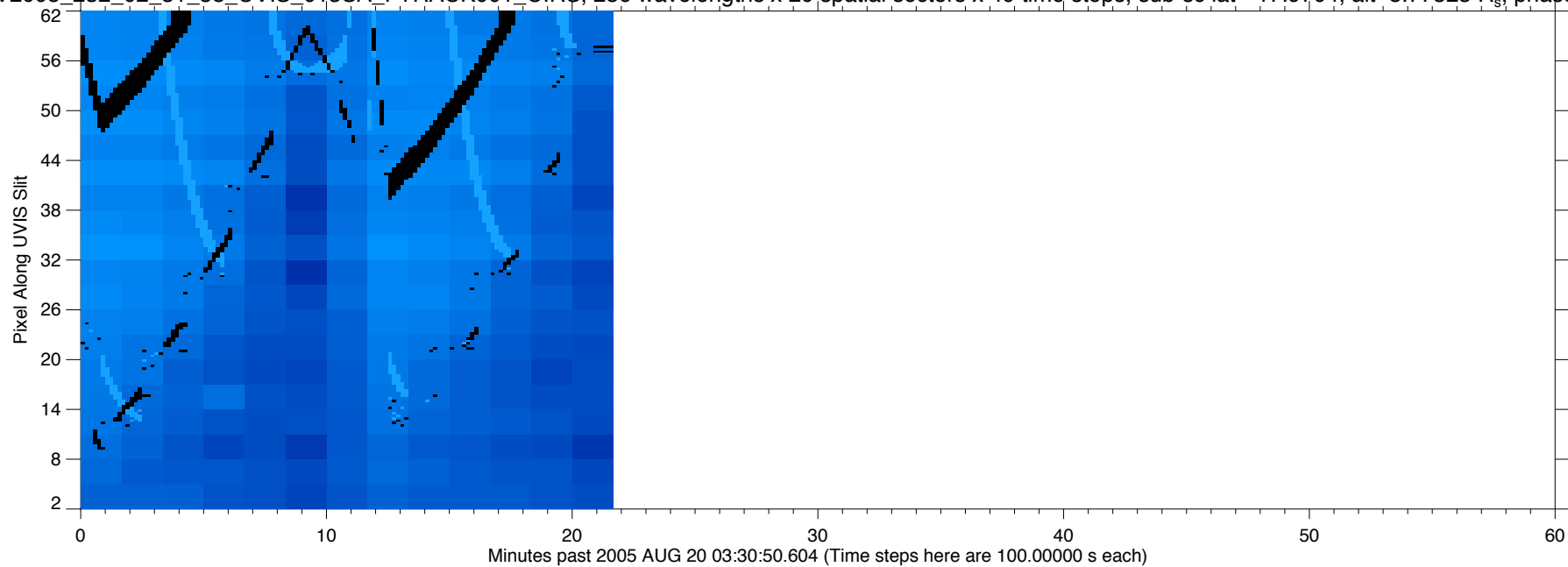
FUV2005_232_02_31_38_UVIS_013SA_FTRACK001_CIRS, 256 wavelengths x 20 spatial sectors x 49 time steps, sub-sc lat=-17.9704, alt=5.77323 R_s, phase=19.7645



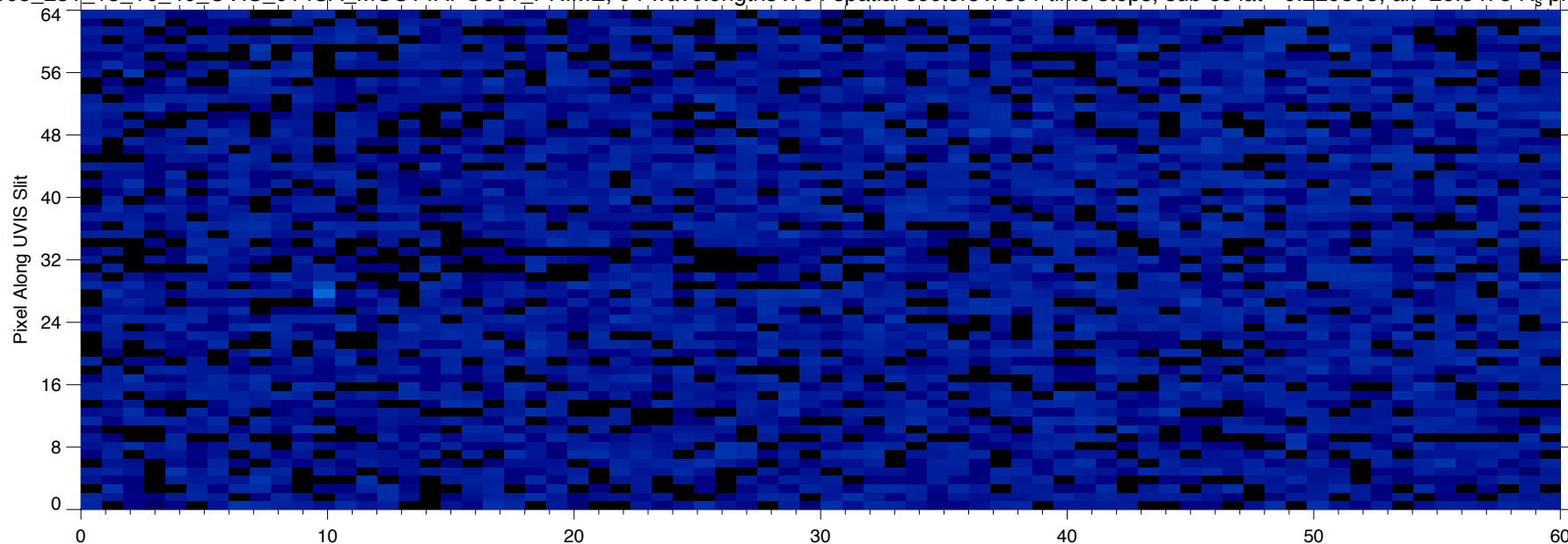
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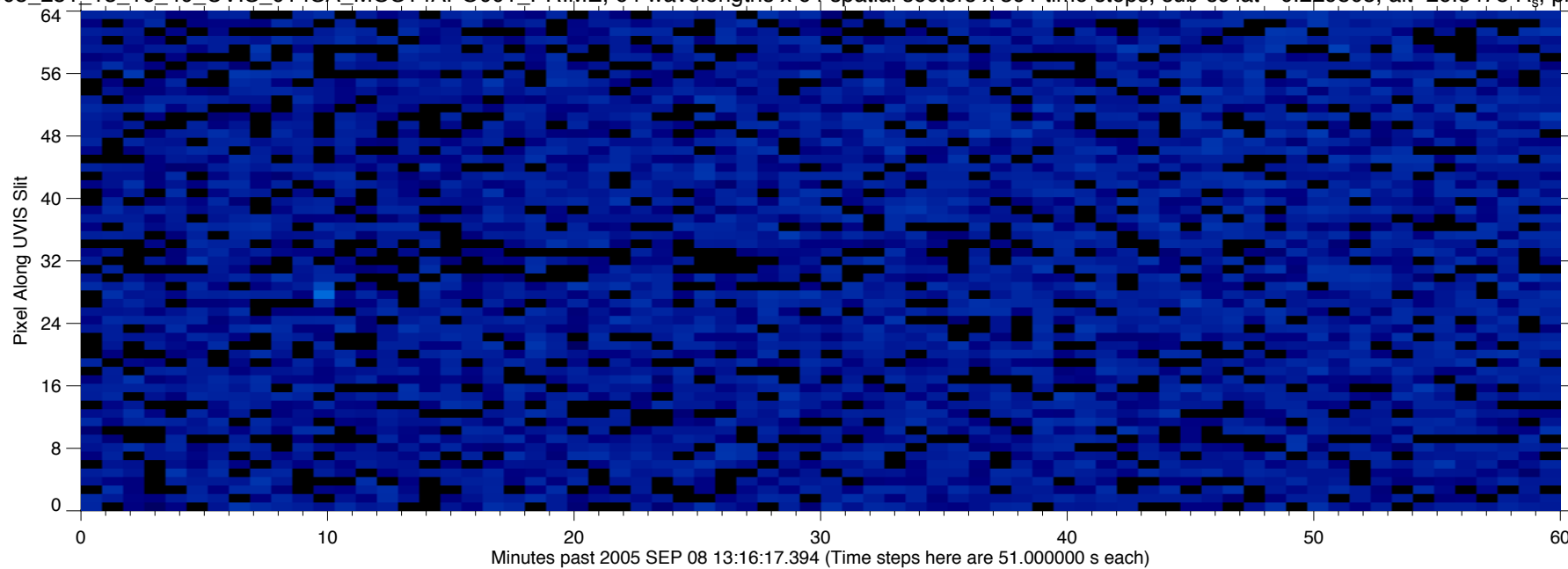
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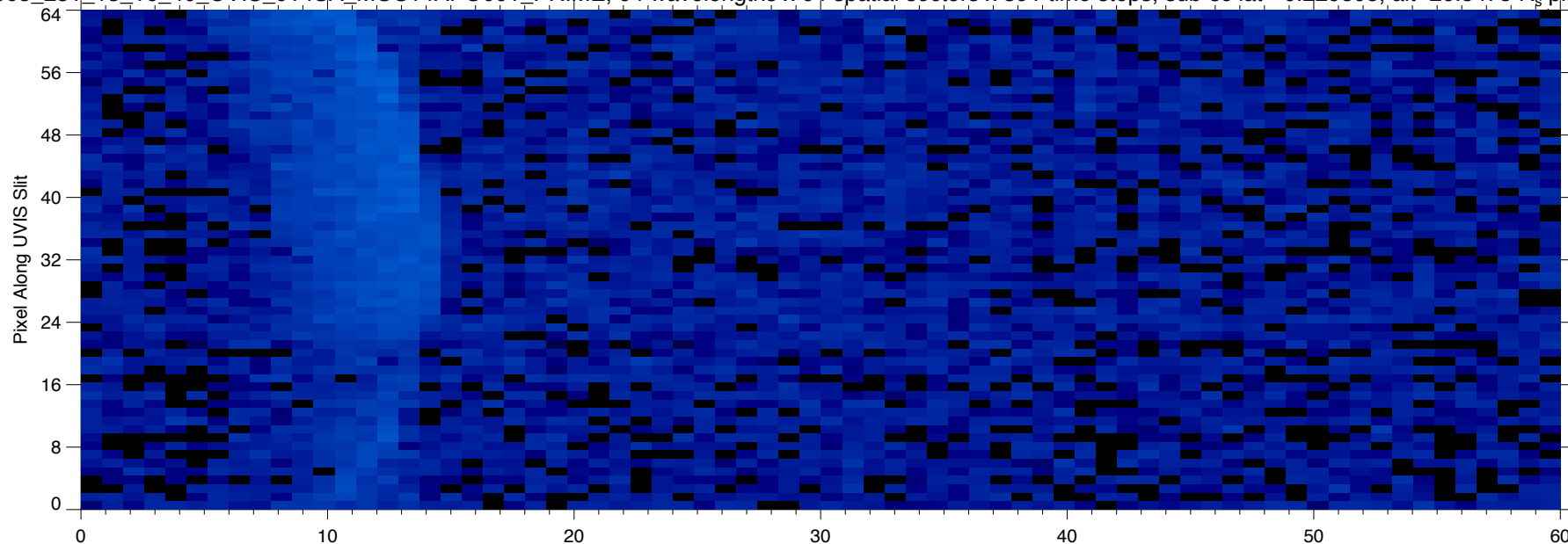
FUV2005_251_13_16_40_UVIS_014SA_MOS14APO001_PRIME, 64 wavelengths x 64 spatial sectors x 391 time steps, sub-sc lat=-0.229805, alt=26.8478 R_s, phase=94.7499



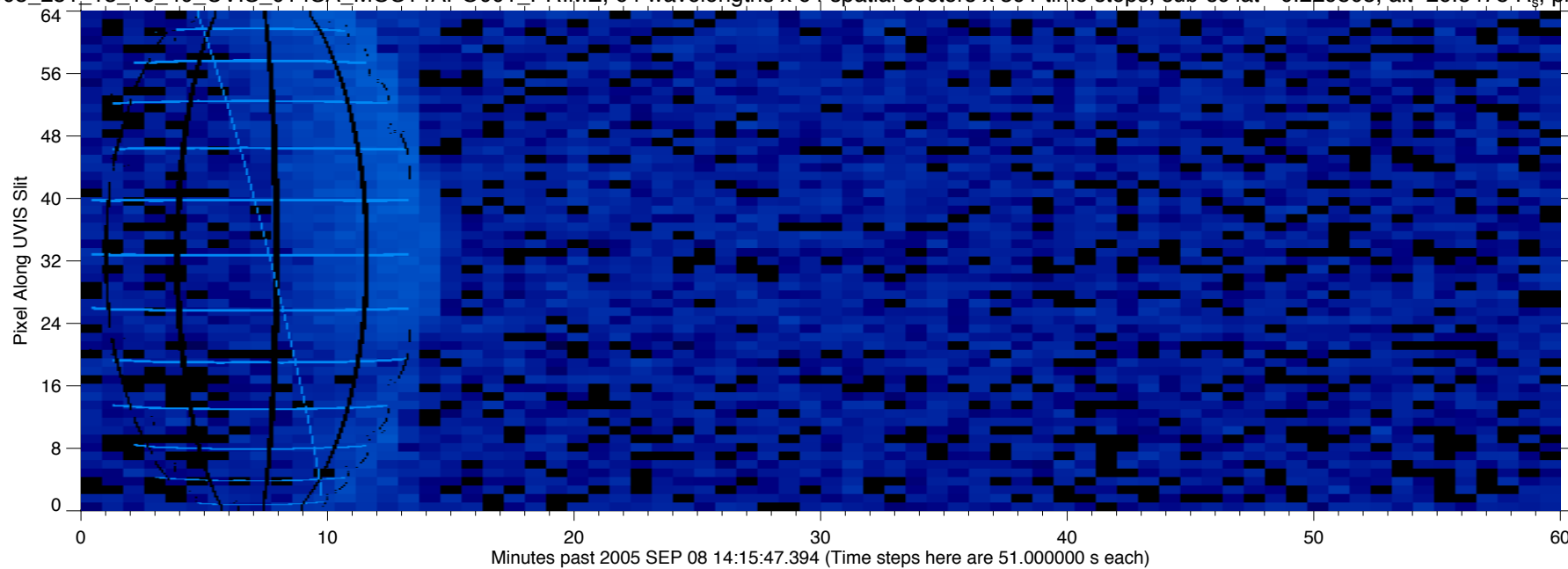
FUV2005_251_13_16_40_UVIS_014SA_MOS14APO001_PRIME, 64 wavelengths x 64 spatial sectors x 391 time steps, sub-sc lat=-0.229805, alt=26.8478 R_s, phase=94.7499



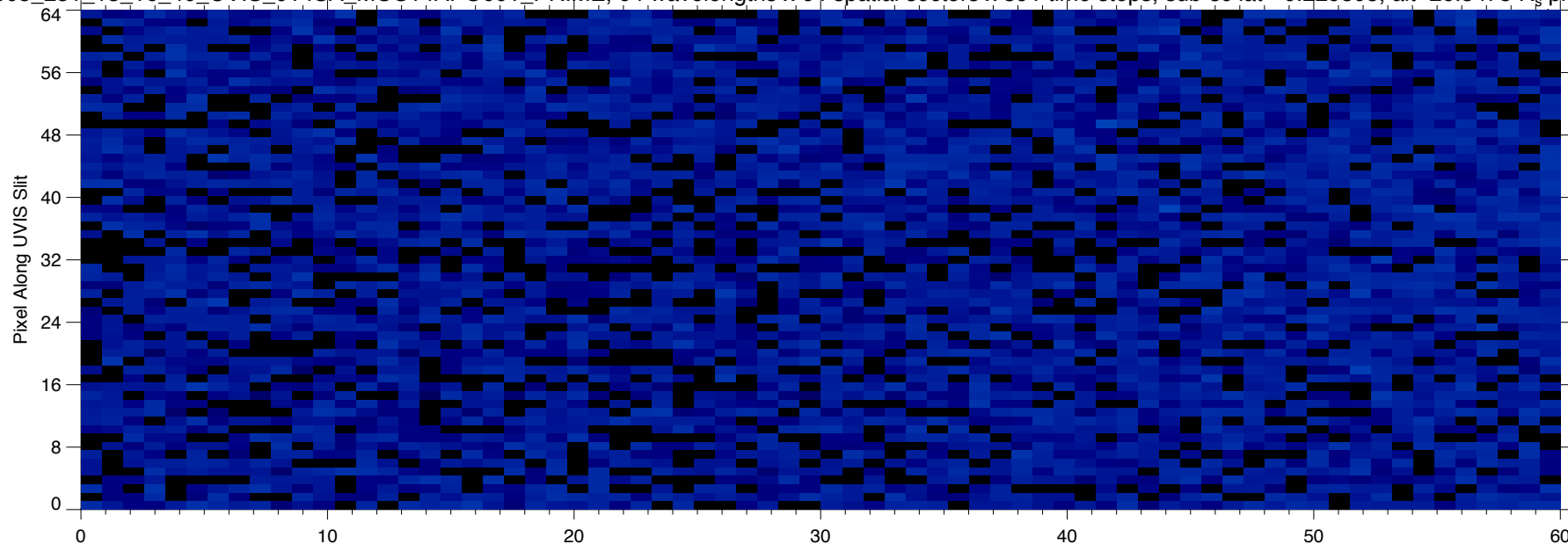
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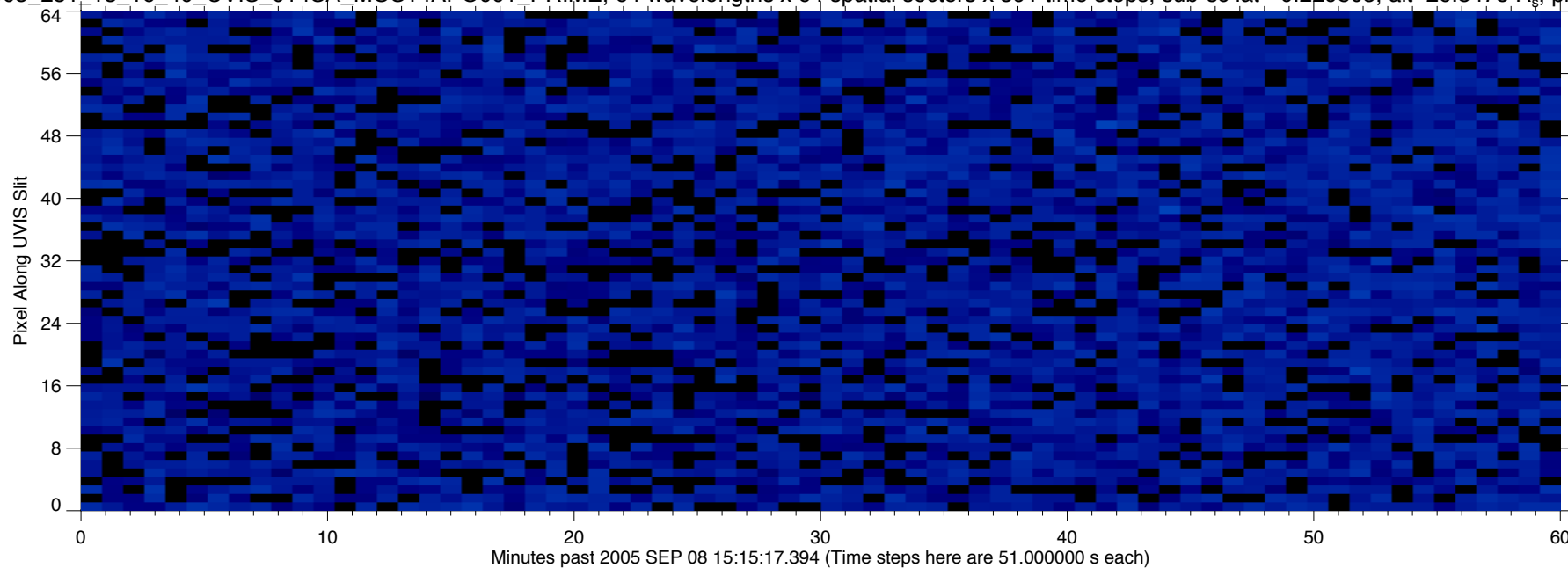
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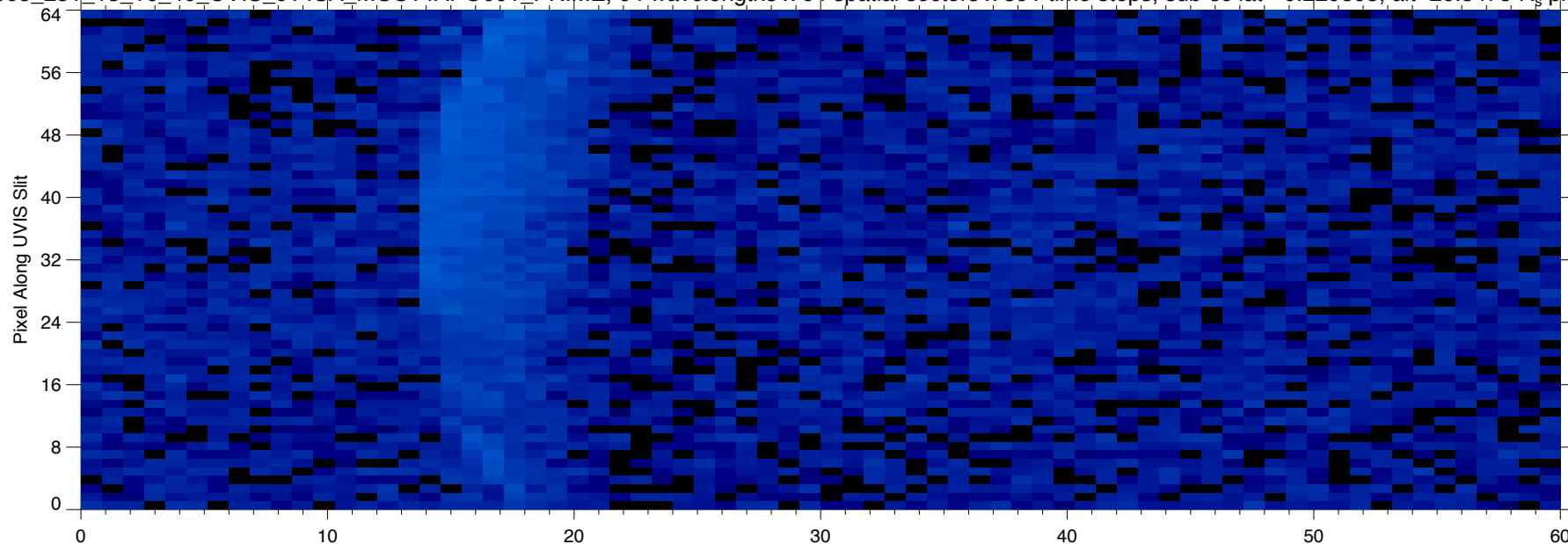
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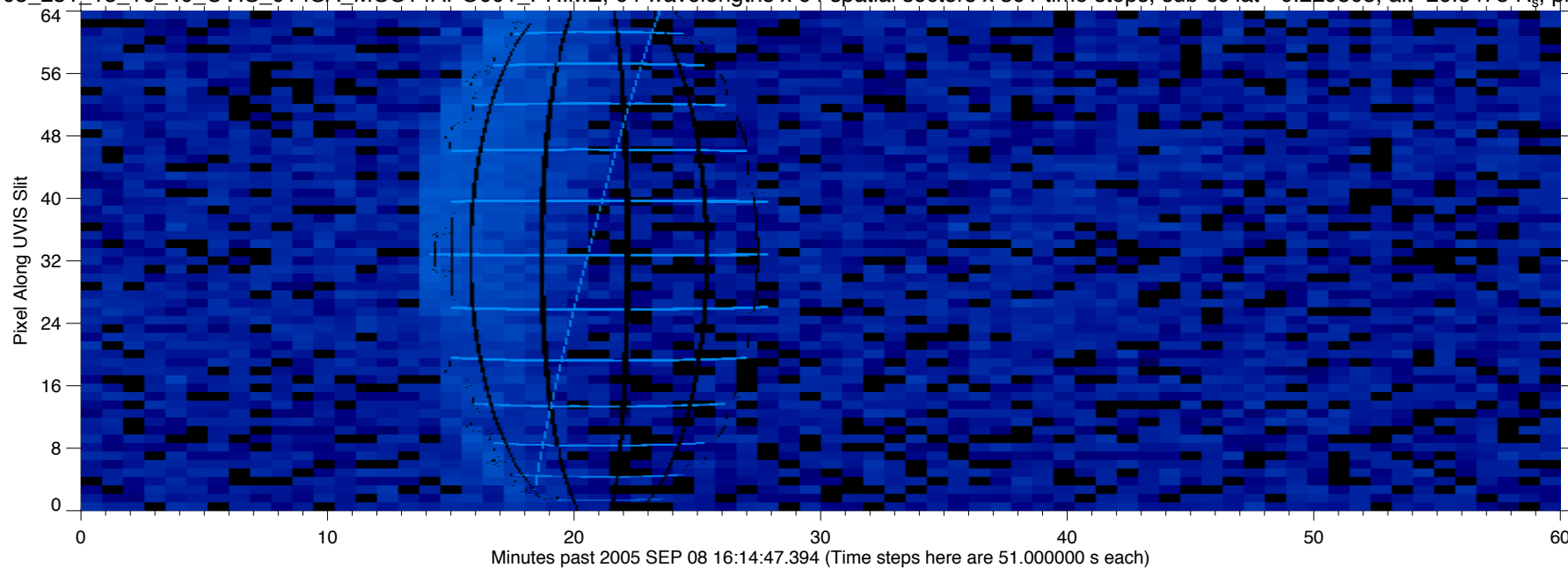
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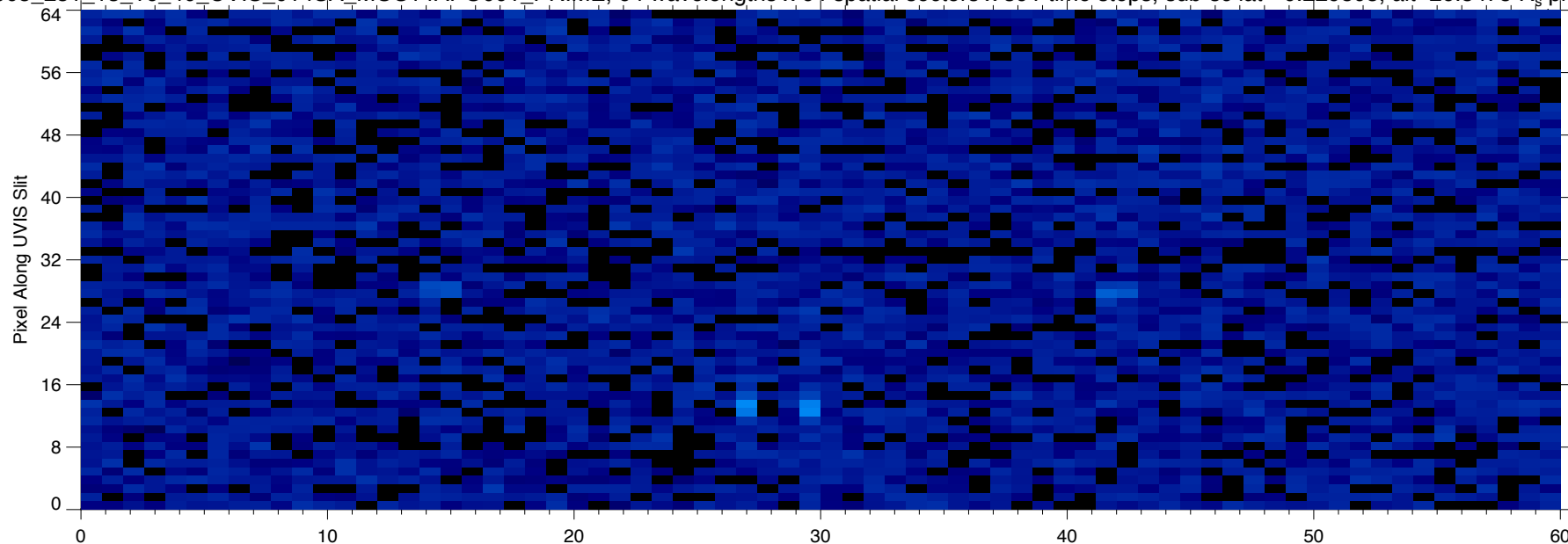
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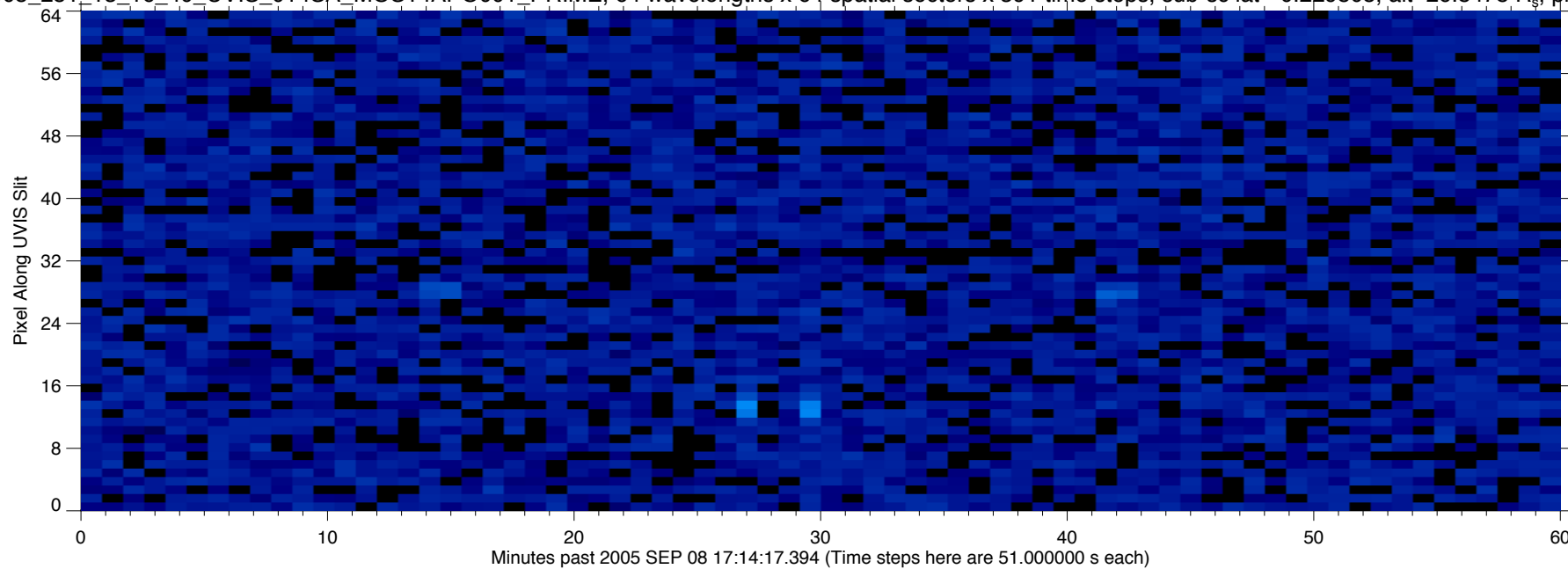
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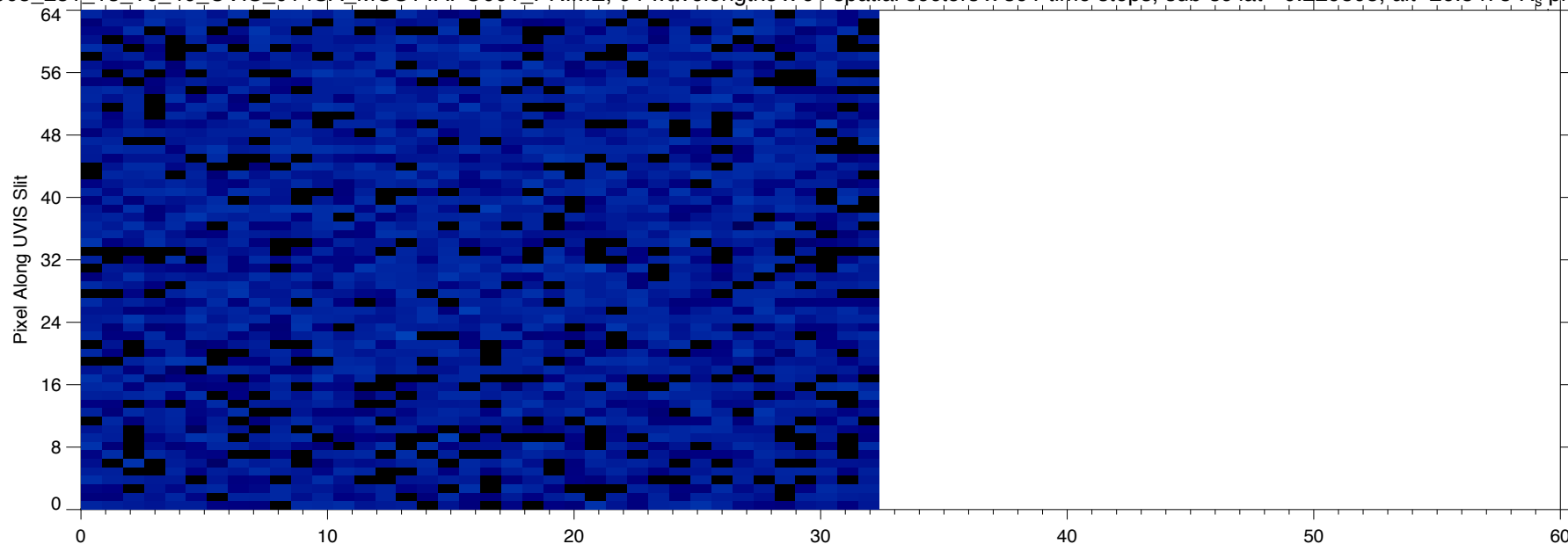
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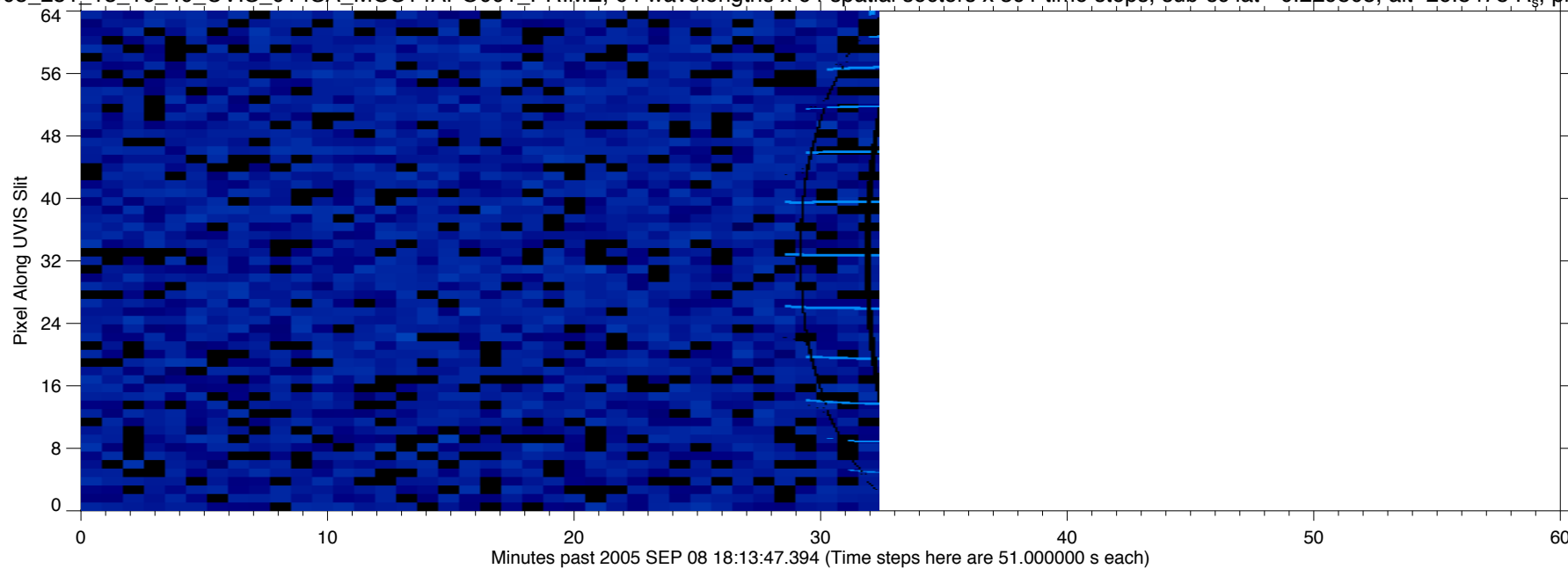
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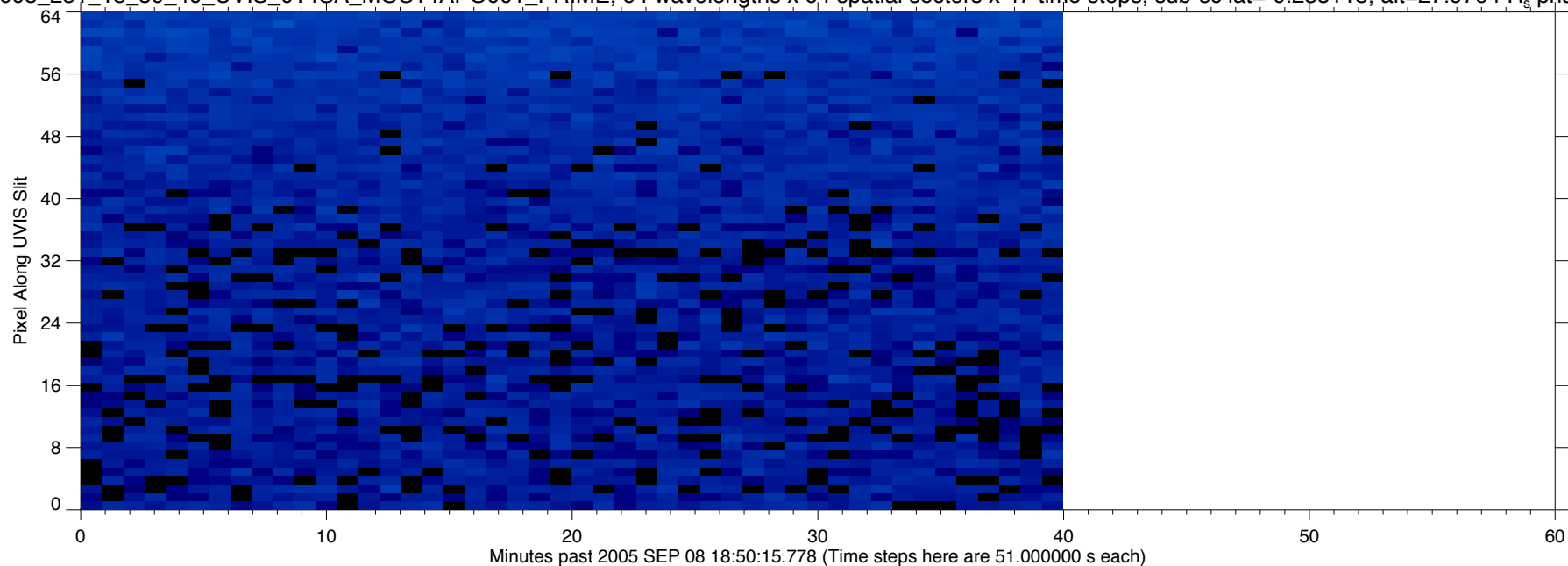
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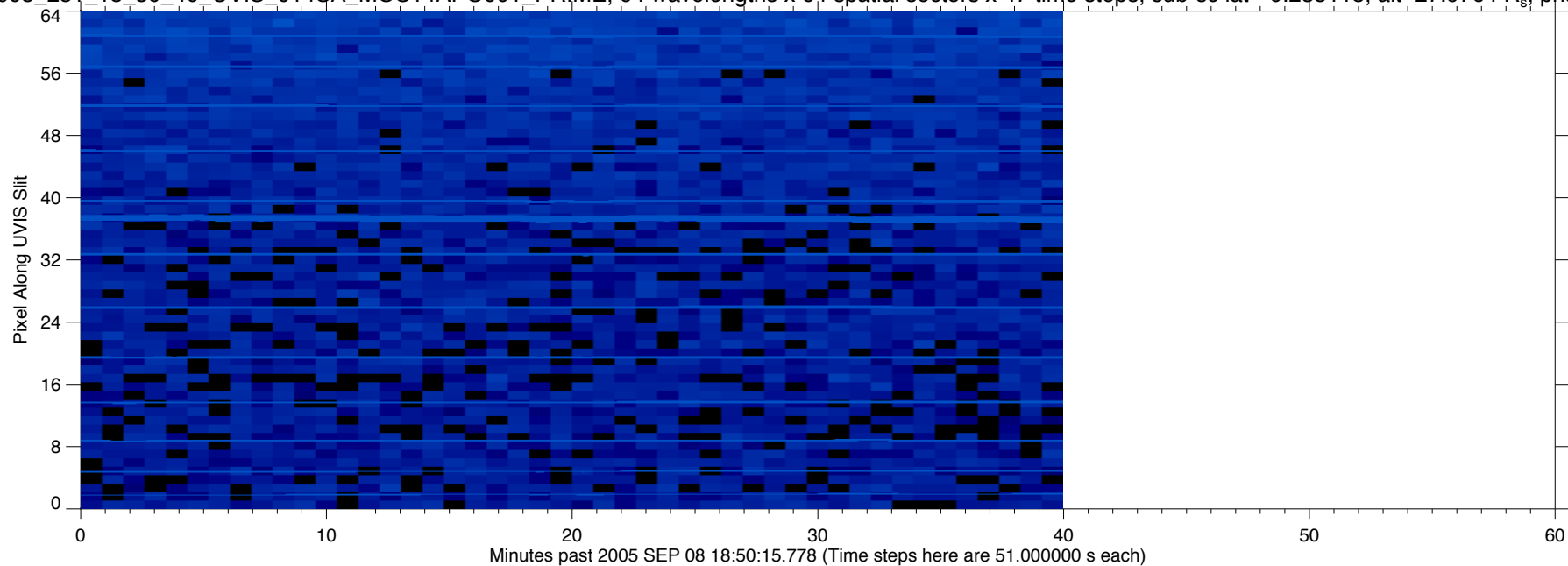
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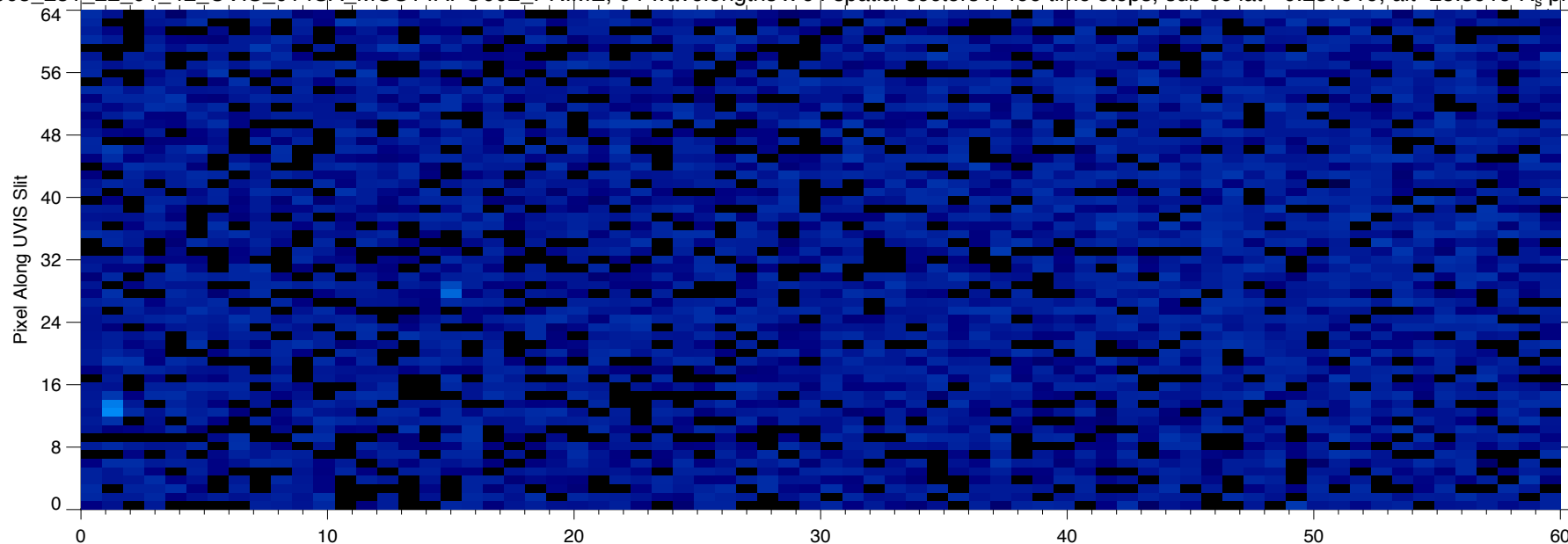
FUV2005_251_18_50_40_UVIS_014SA_MOS14APO001_PRIME, 64 wavelengths x 64 spatial sectors x 47 time steps, sub-sc lat=-0.235118, alt=27.9764 R_s phase=93.4303



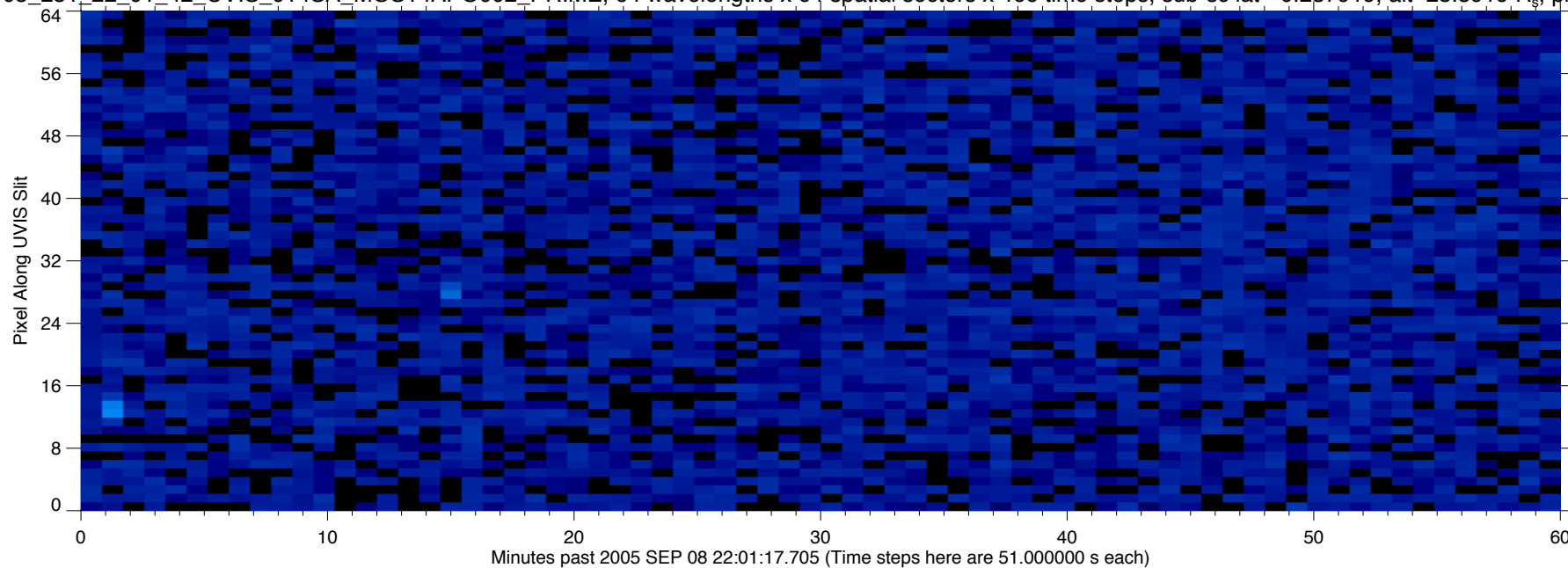
FUV2005_251_18_50_40_UVIS_014SA_MOS14APO001_PRIME, 64 wavelengths x 64 spatial sectors x 47 time steps, sub-sc lat=-0.235118, alt=27.9764 R_s phase=93.4303



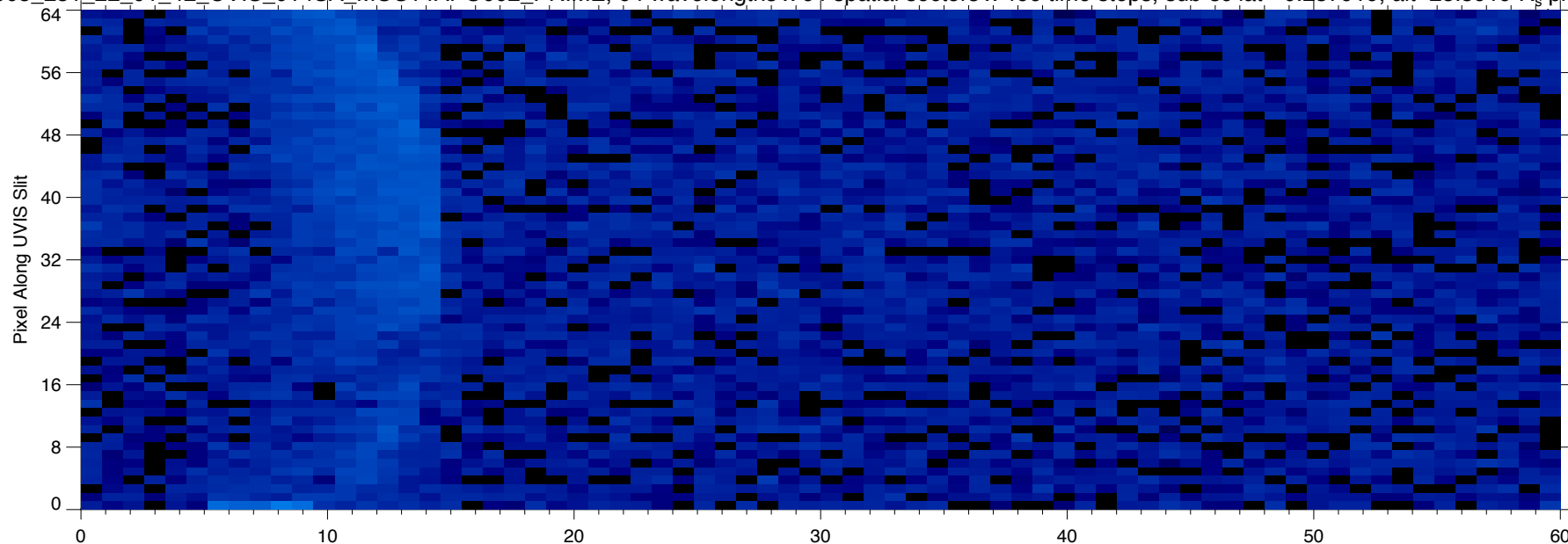
FUV2005_251_22_01_42_UVIS_014SA_MOS14APO002_PRIME, 64 wavelengths x 64 spatial sectors x 466 time steps, sub-sc lat=-0.237919, alt=28.5919 R_s phase=92.7199



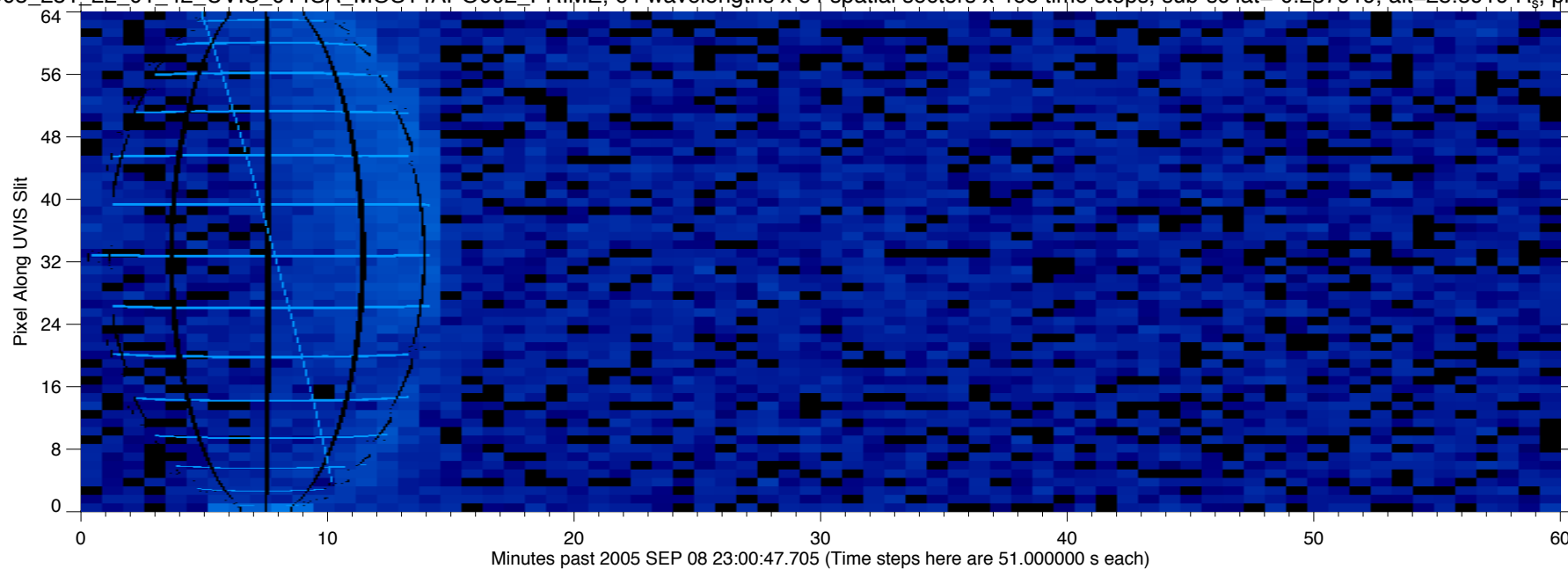
FUV2005_251_22_01_42_UVIS_014SA_MOS14APO002_PRIME, 64 wavelengths x 64 spatial sectors x 466 time steps, sub-sc lat=-0.237919, alt=28.5919 R_s phase=92.7199



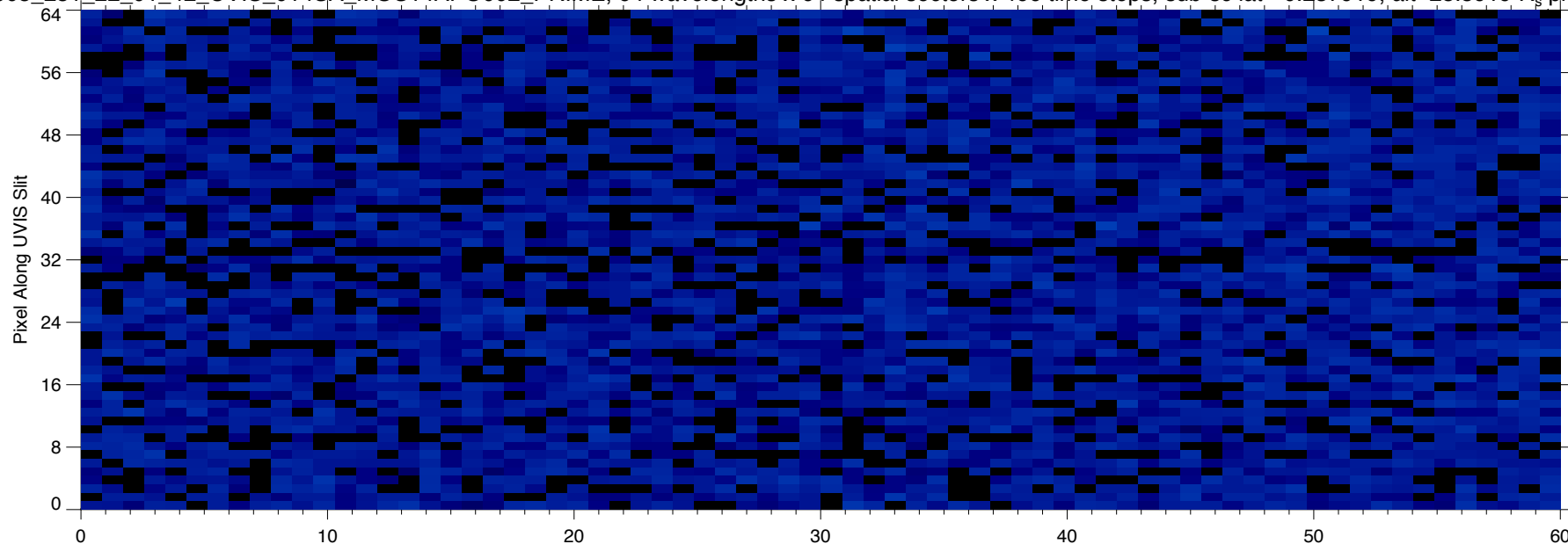
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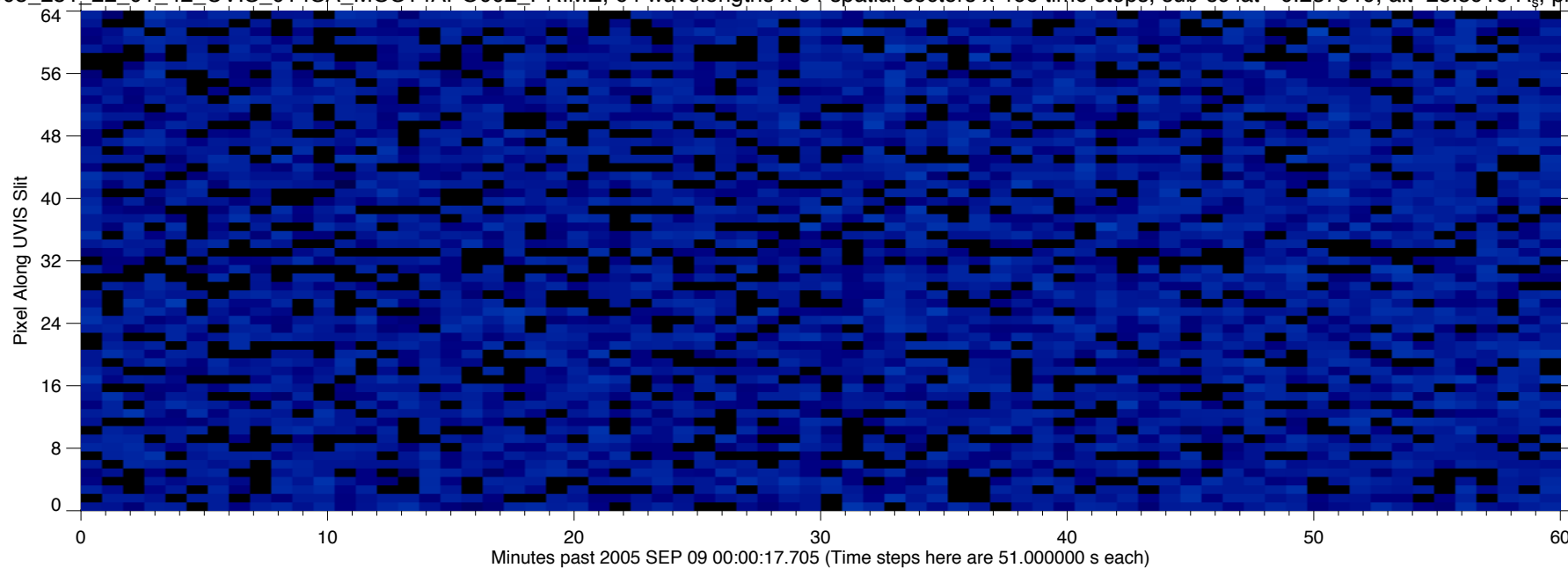
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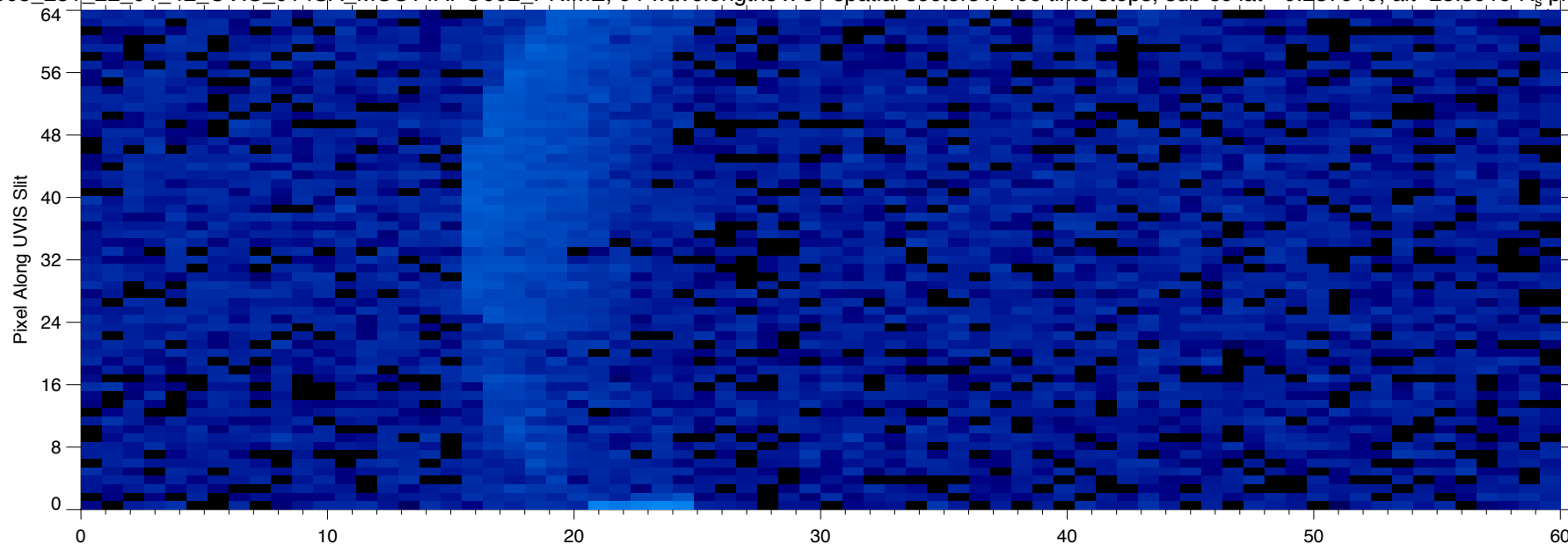
FUV2005_251_22_01_42_UVIS_014SA_MOS14APO002_PRIME, 64 wavelengths x 64 spatial sectors x 466 time steps, sub-sc lat=-0.237919, alt=28.5919 R_s, phase=92.7199



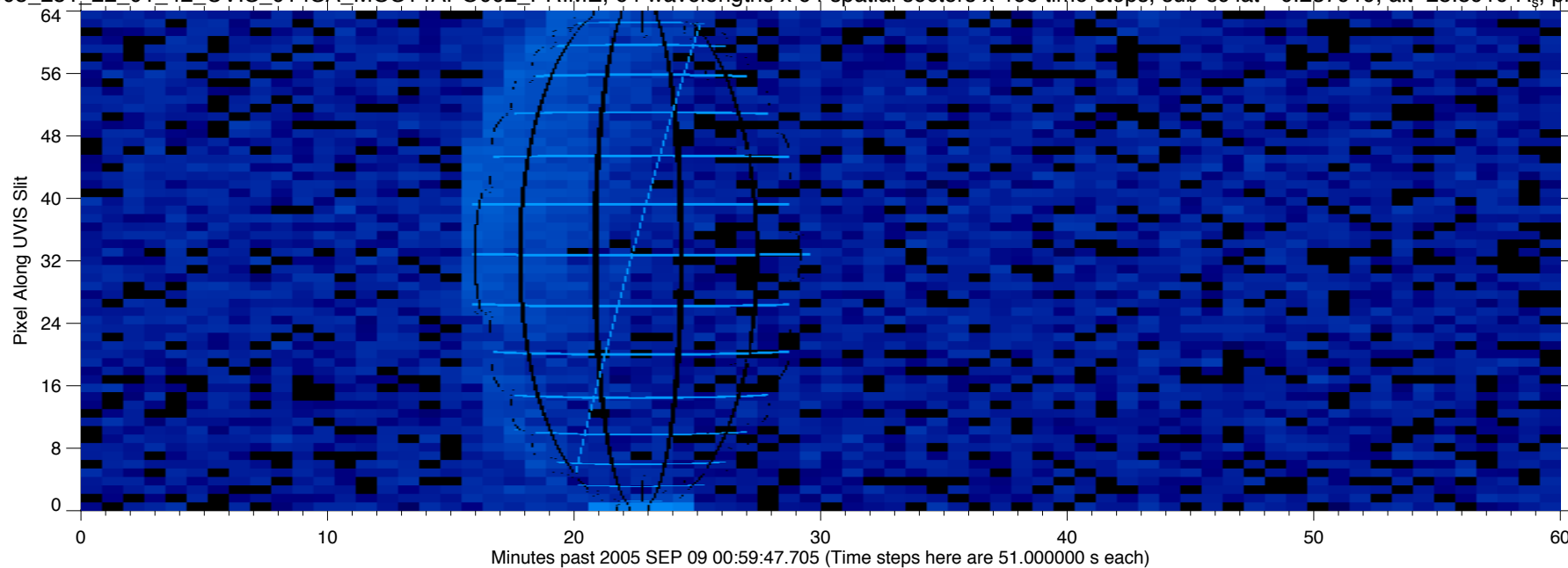
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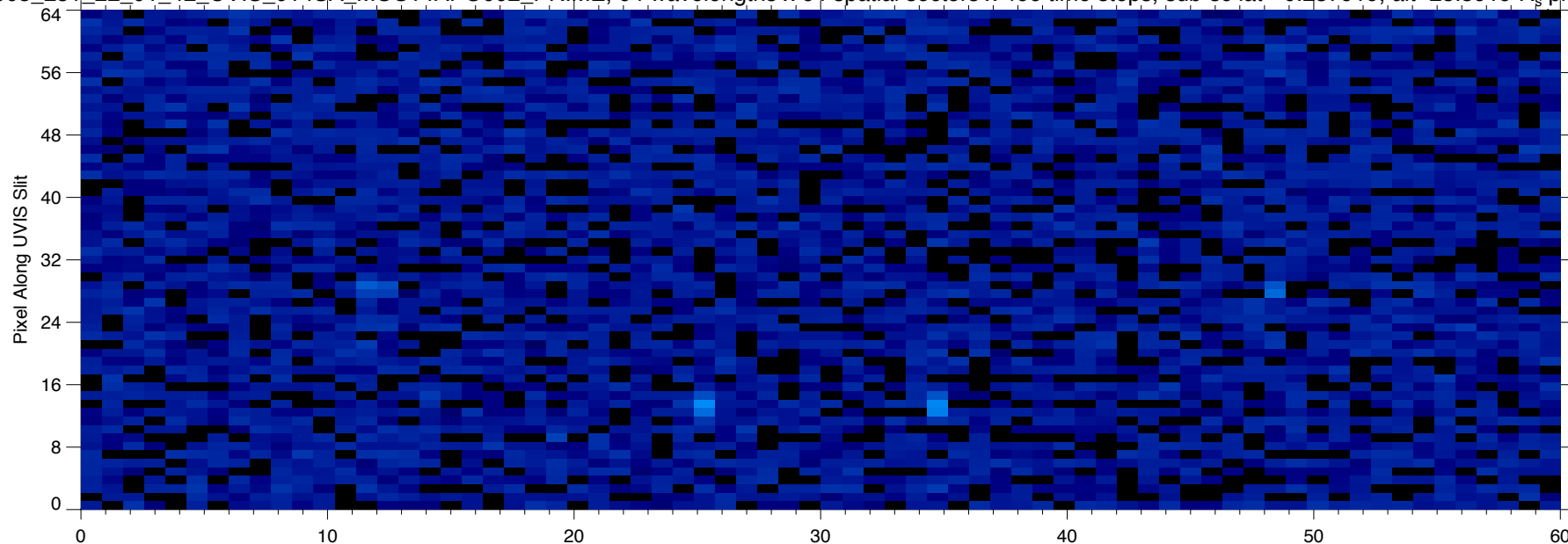
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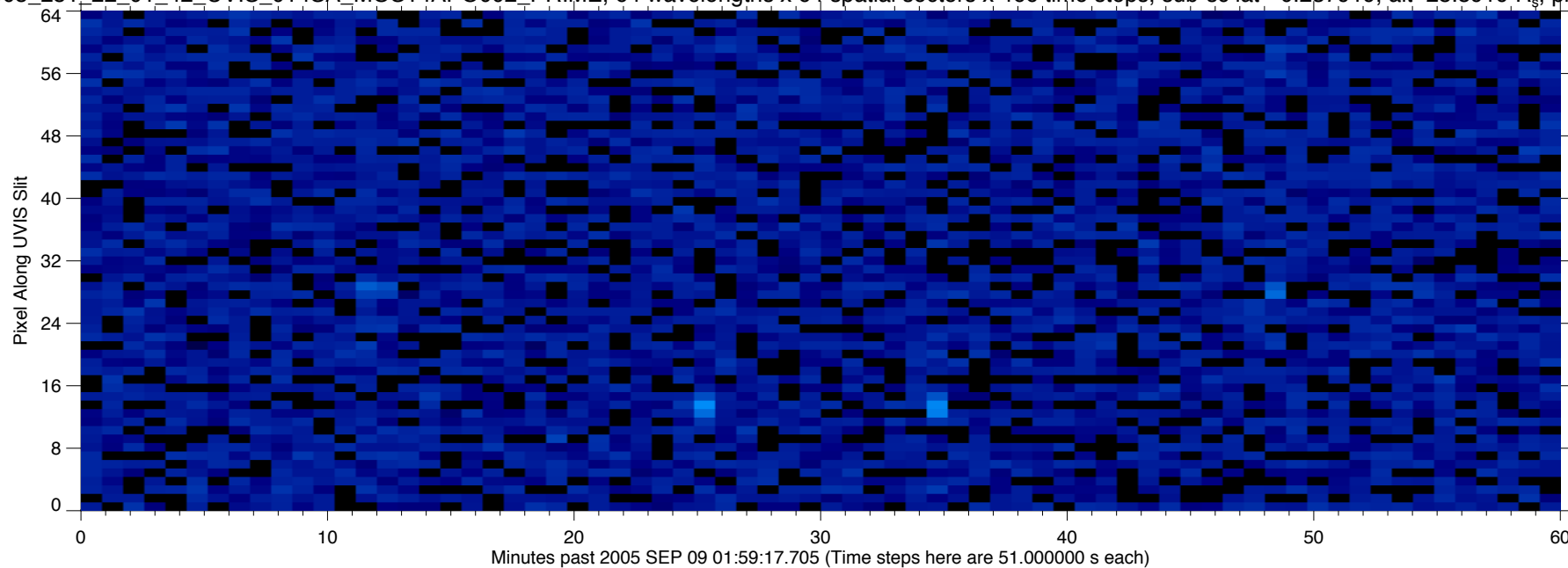
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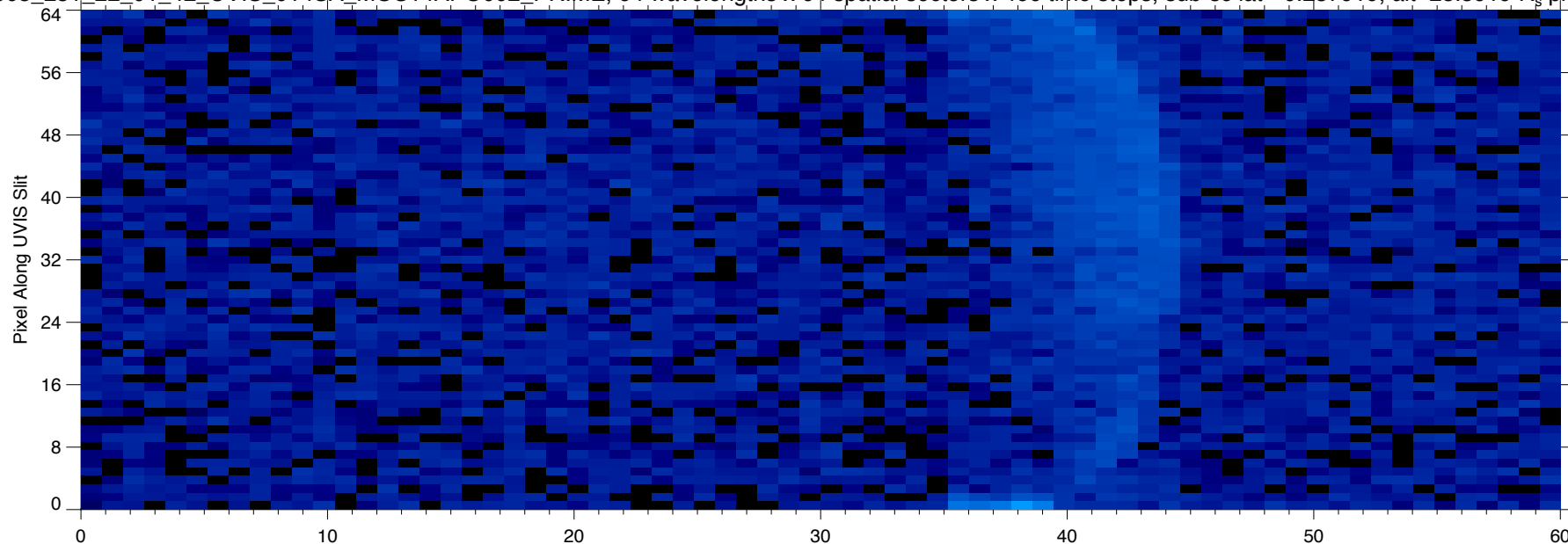
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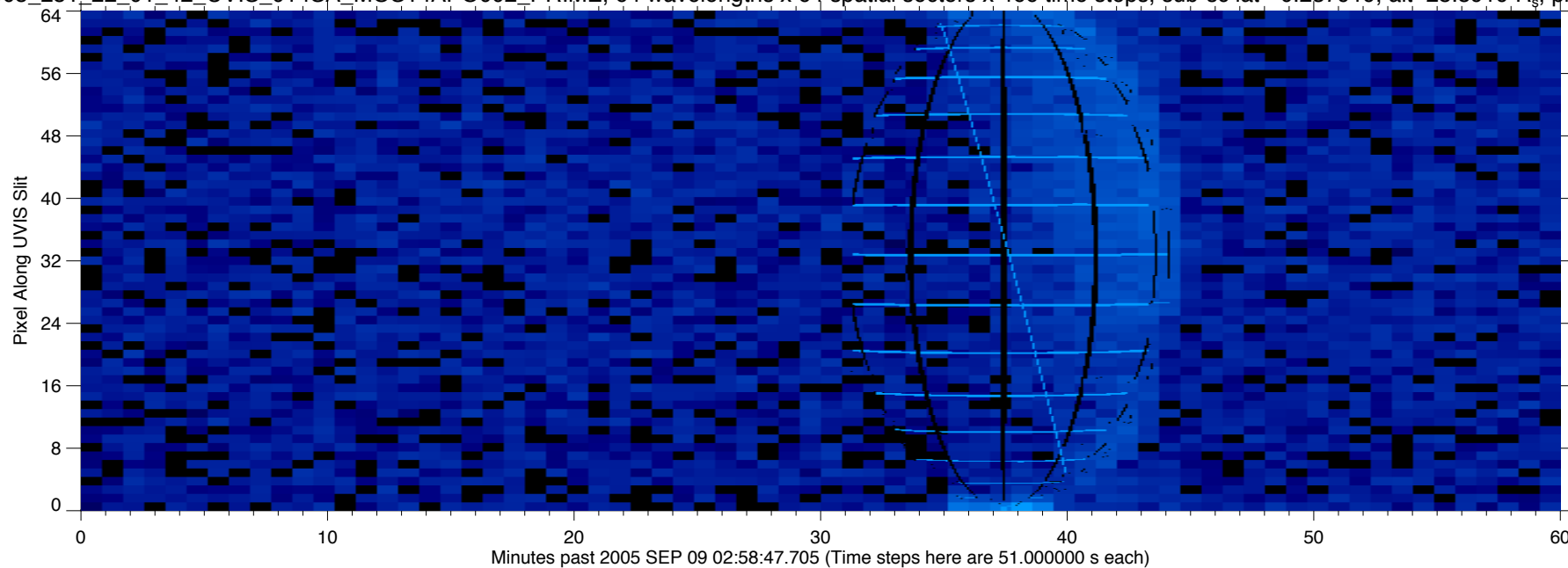
FUV2005_251_22_01_42_UVIS_014SA_MOS14APO002_PRIME, 64 wavelengths x 64 spatial sectors x 466 time steps, sub-sc lat=-0.237919, alt=28.5919 R_s, phase=92.7199



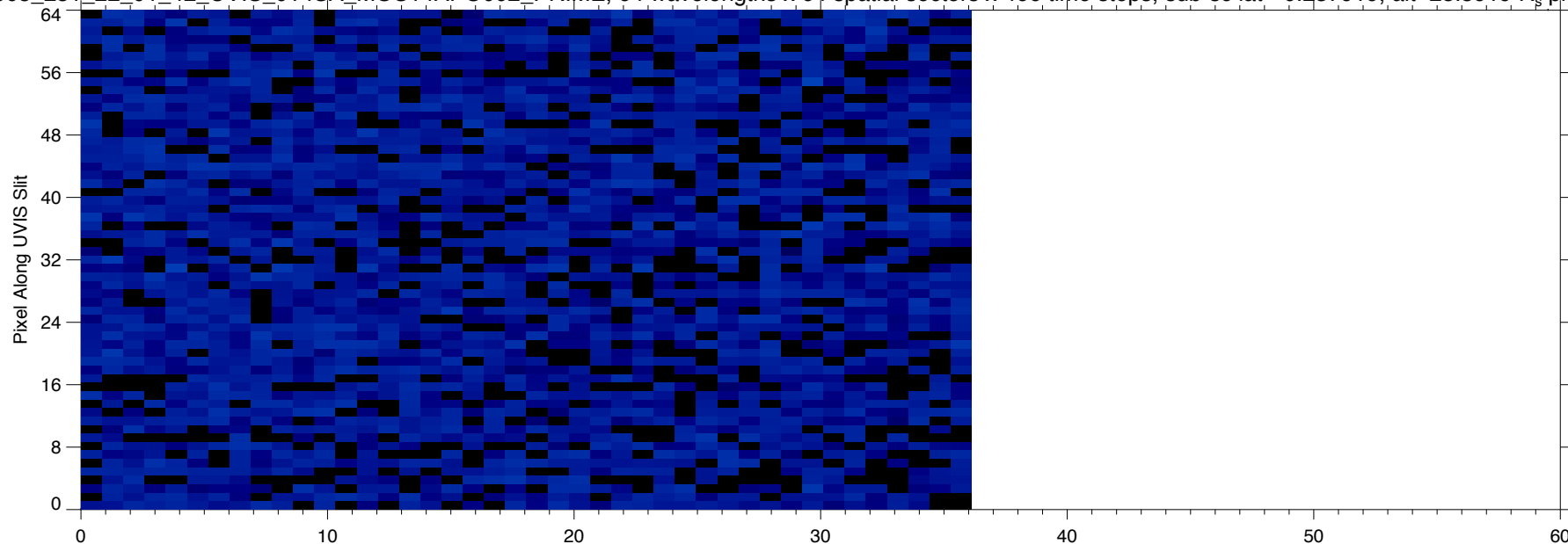
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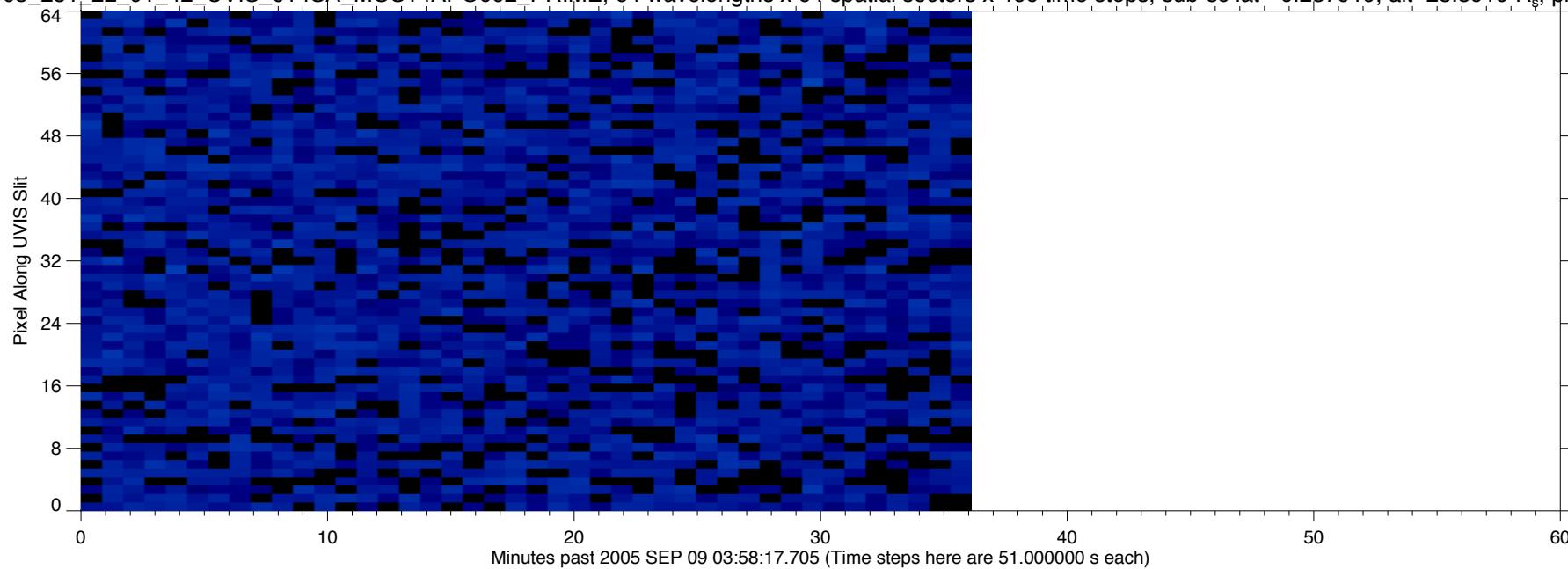
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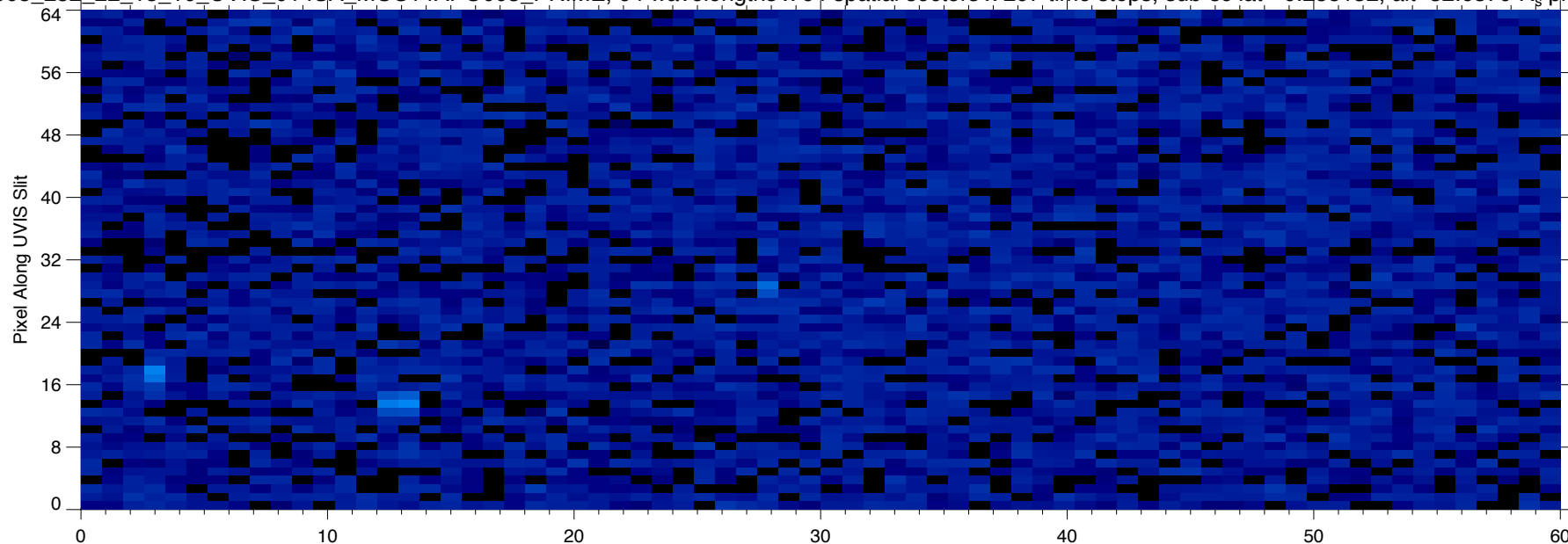
FUV2005_251_22_01_42_UVIS_014SA_MOS14APO002_PRIME, 64 wavelengths x 64 spatial sectors x 466 time steps, sub-sc lat=-0.237919, alt=28.5919 R_s, phase=92.7199



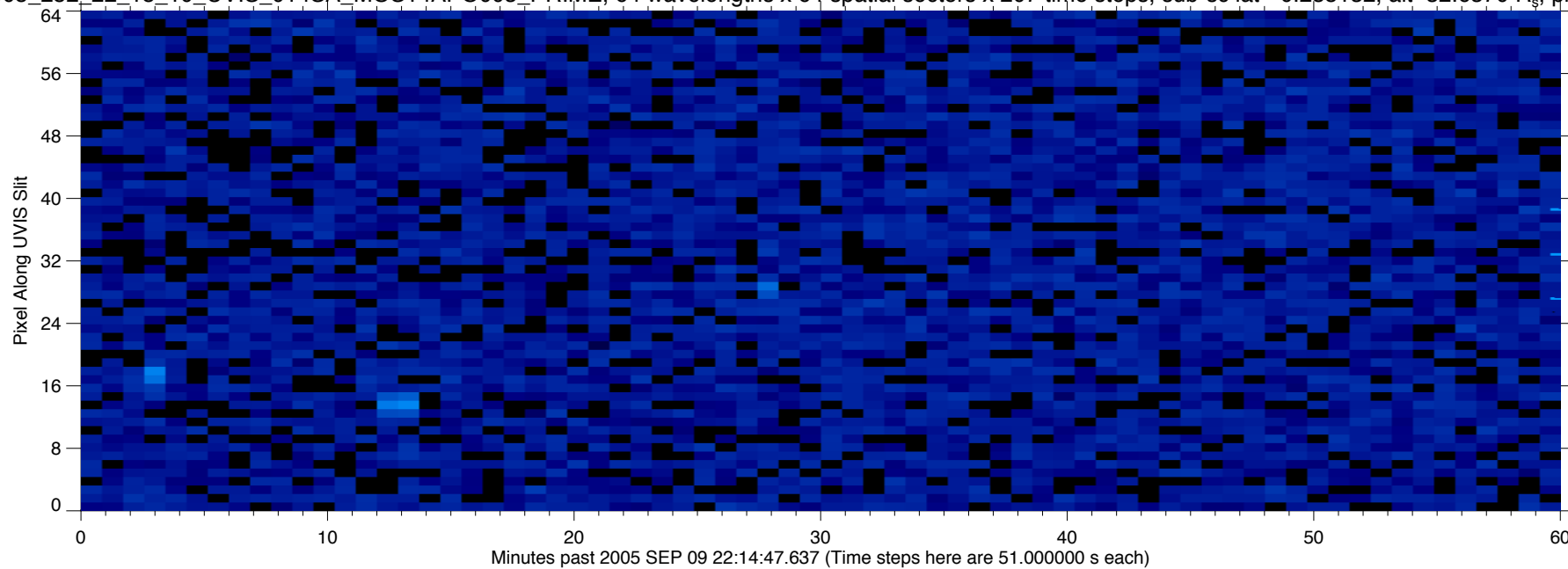
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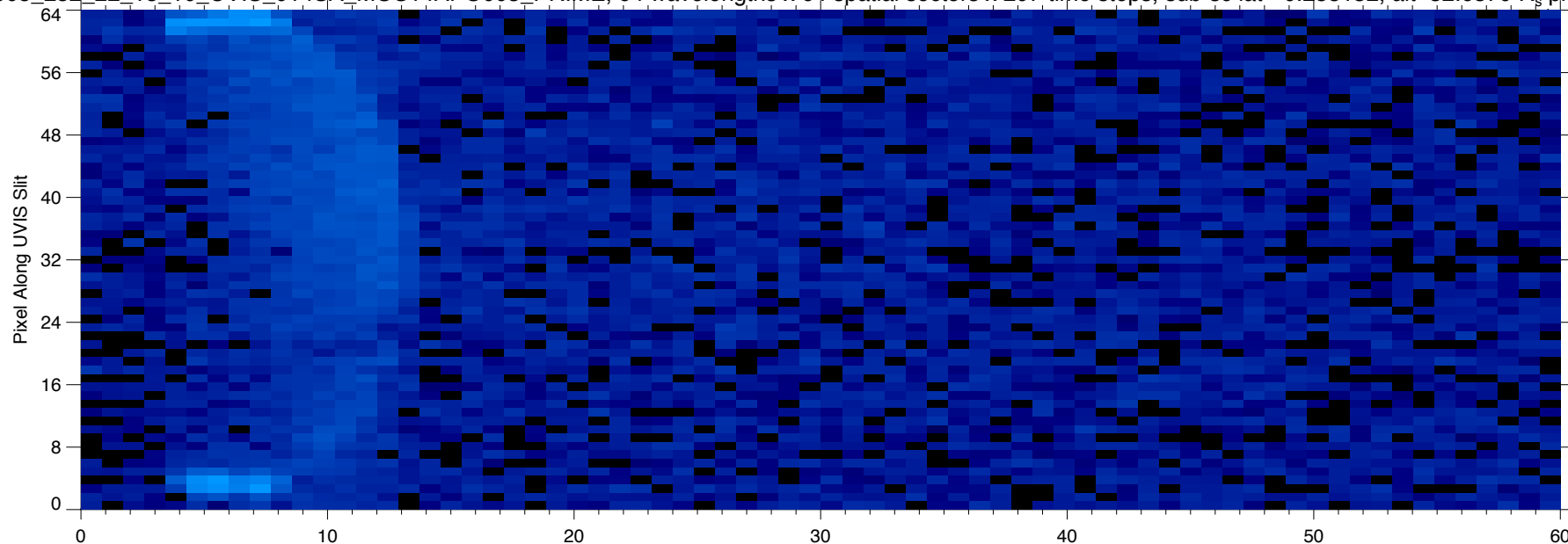
FUV2005_252_22_15_10_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 207 time steps, sub-sc lat=-0.255132, alt=32.6370 R_s, phase=88.0922



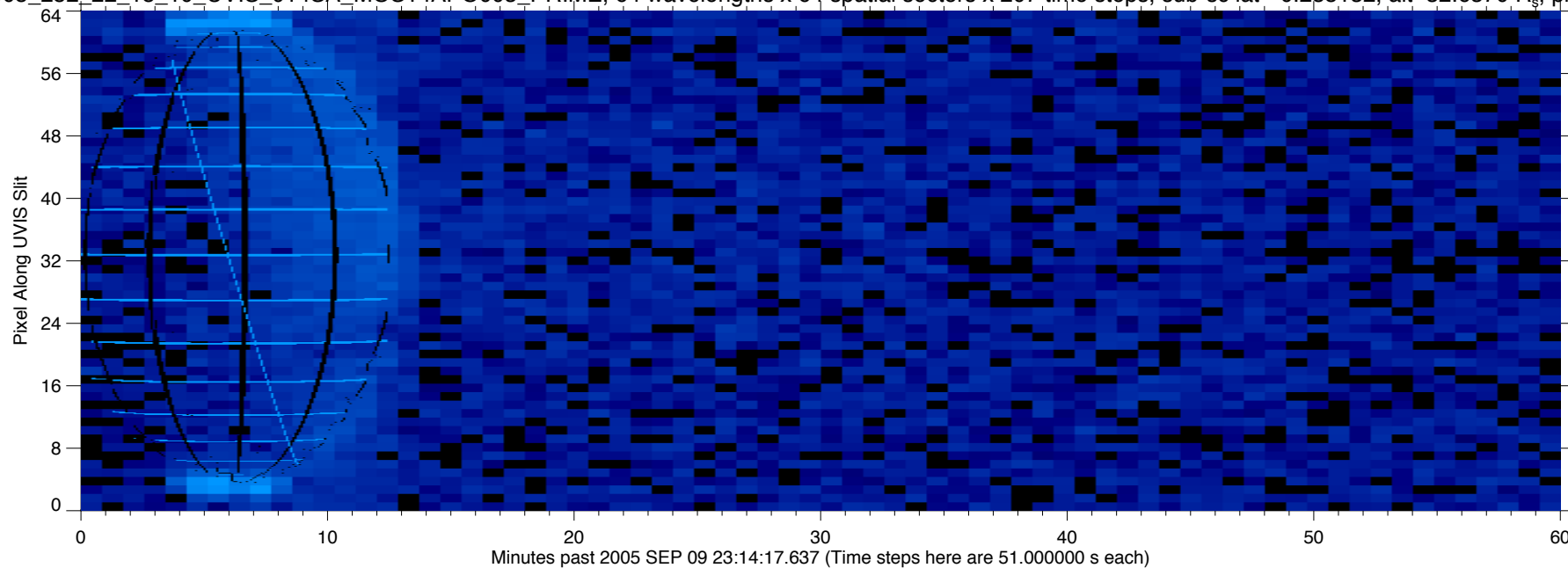
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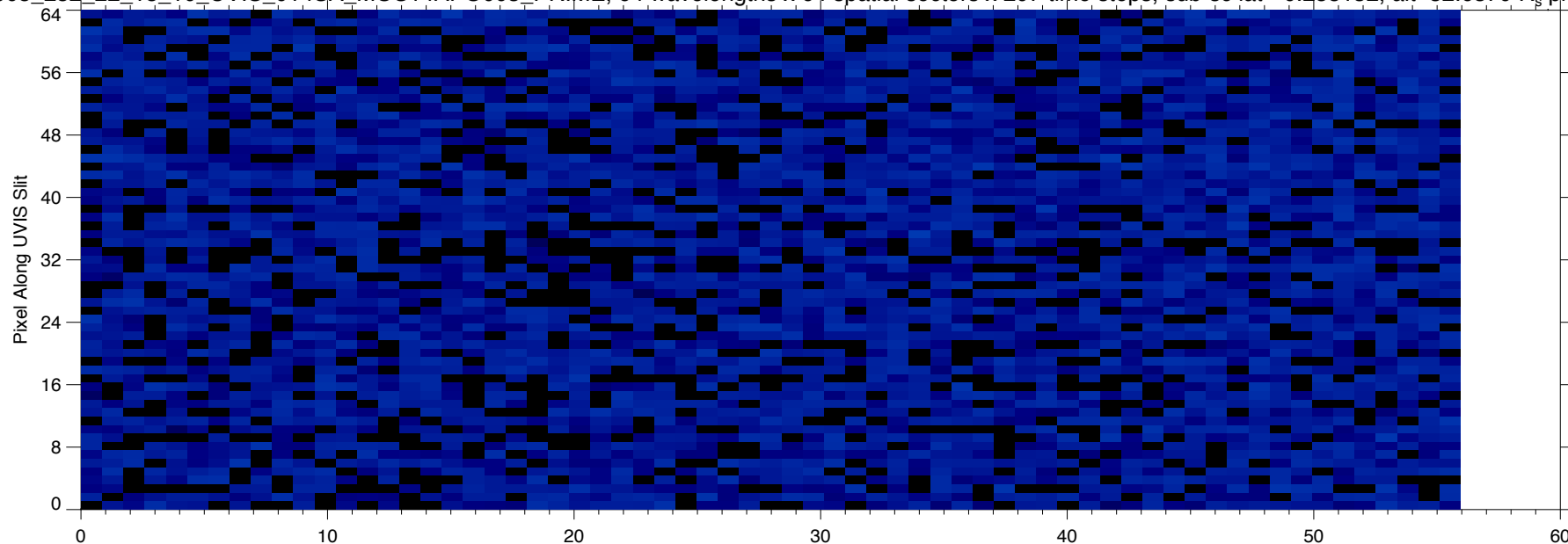
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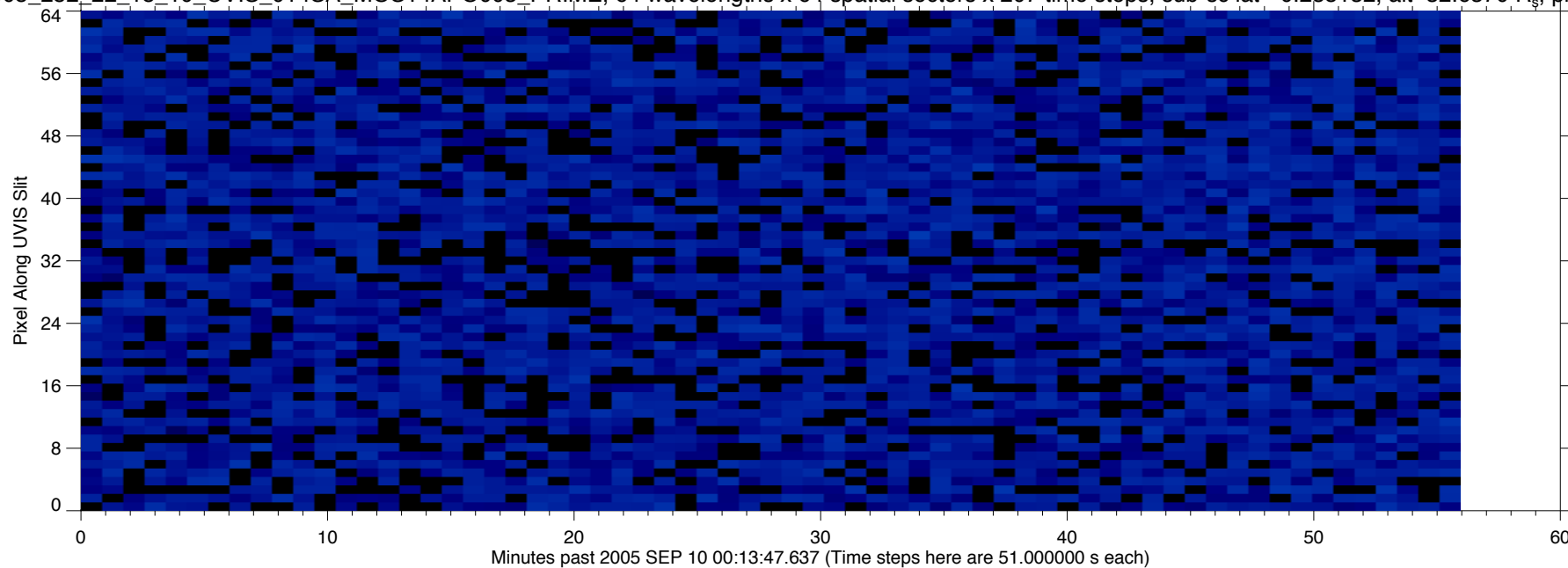
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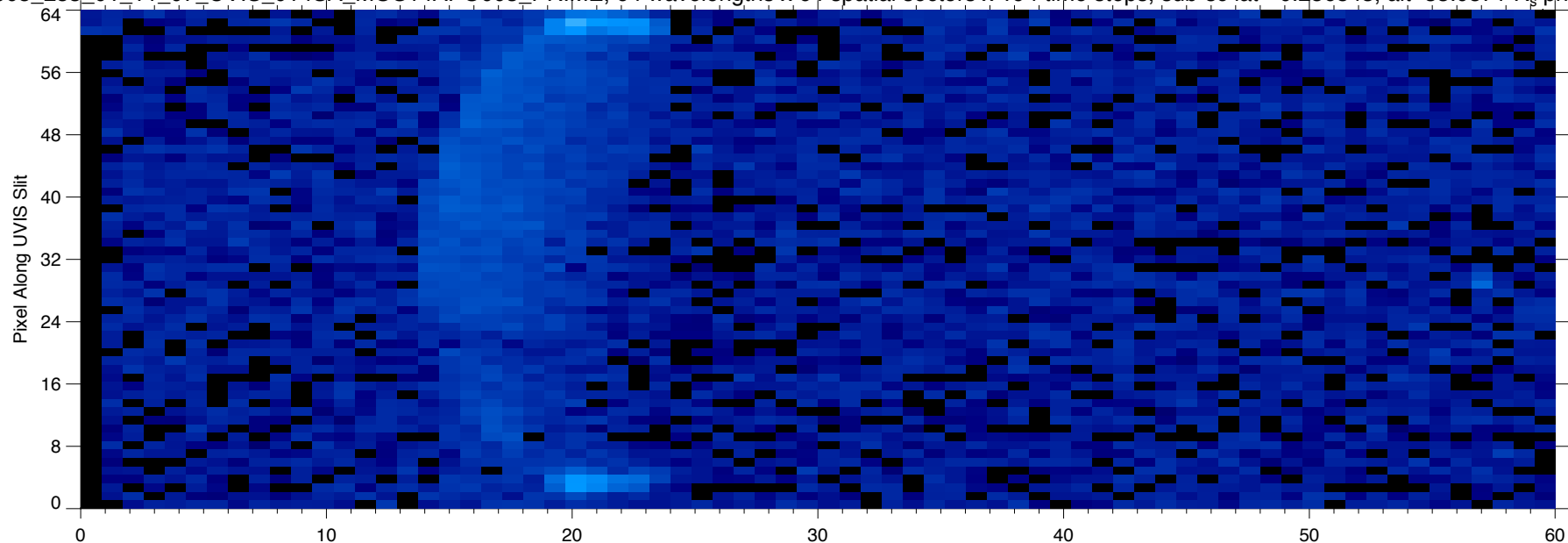
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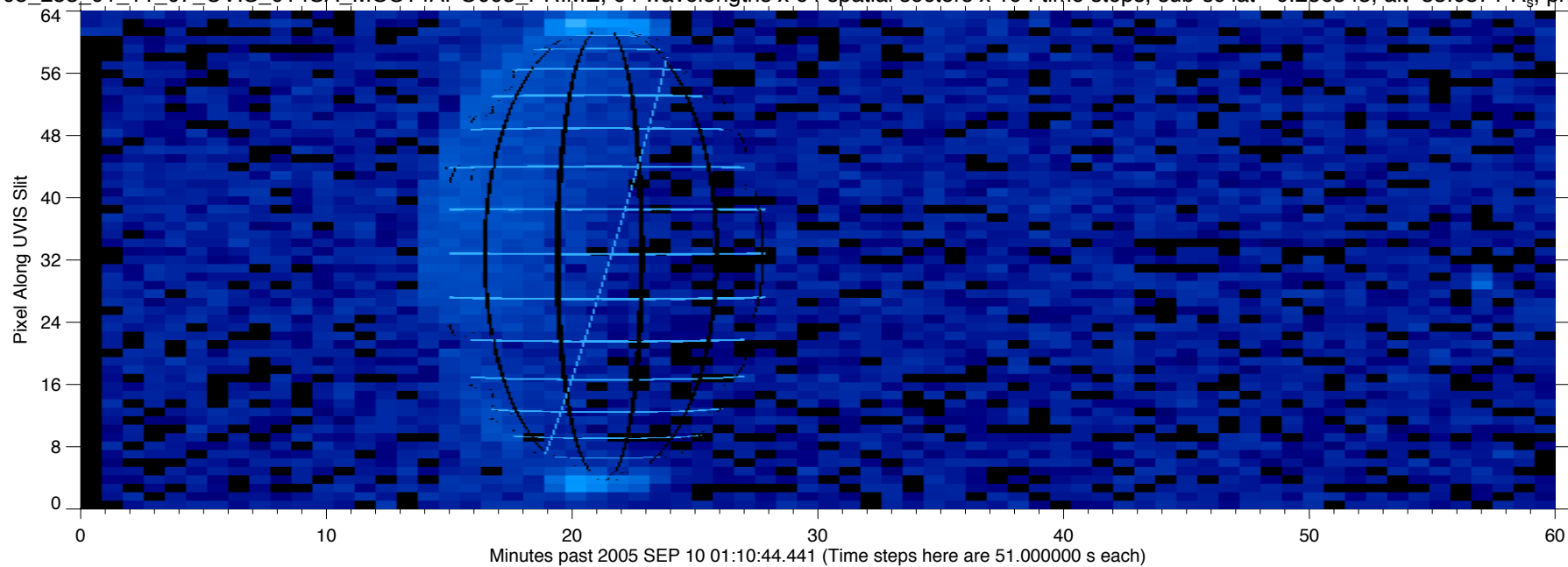
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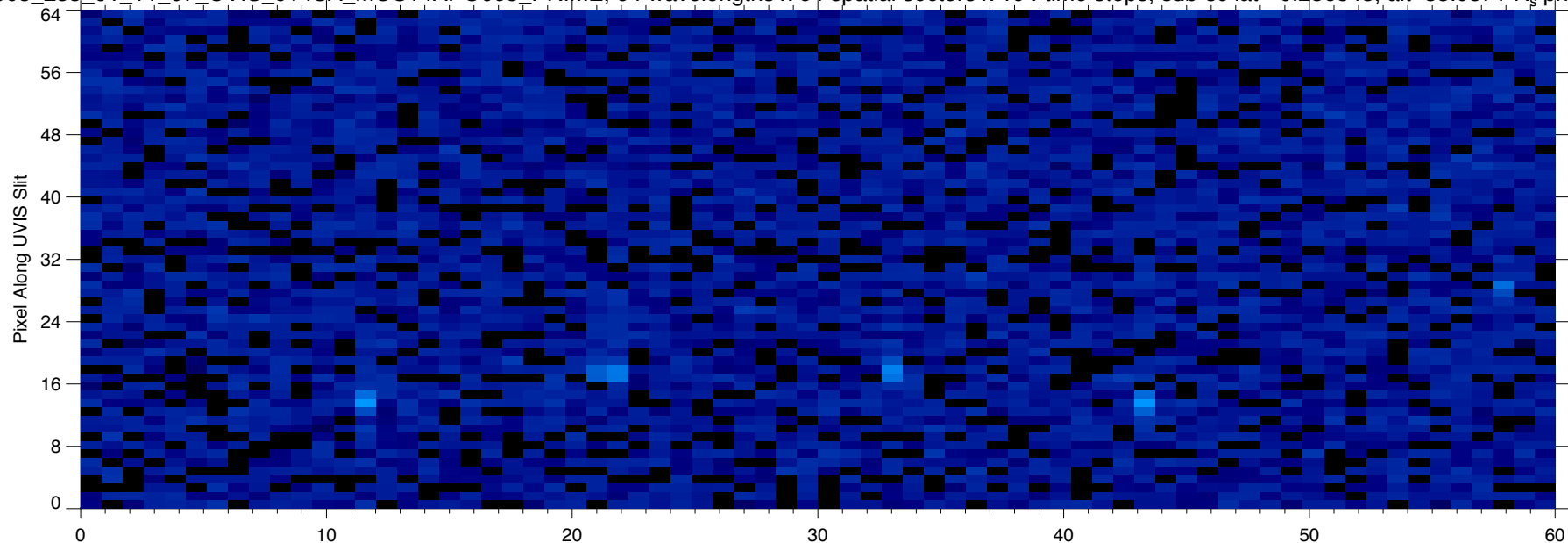
FUV2005_253_01_11_07_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 194 time steps, sub-sc lat=-0.256843, alt=33.0571 R_s, phase=87.6033



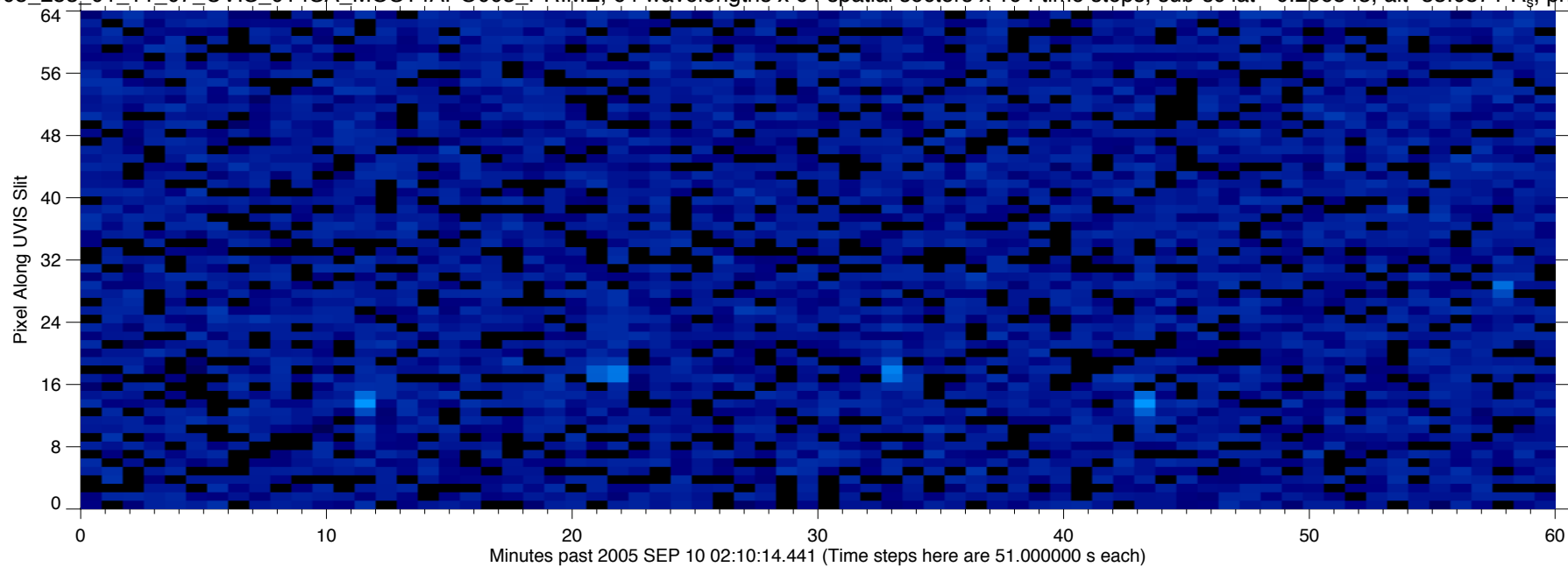
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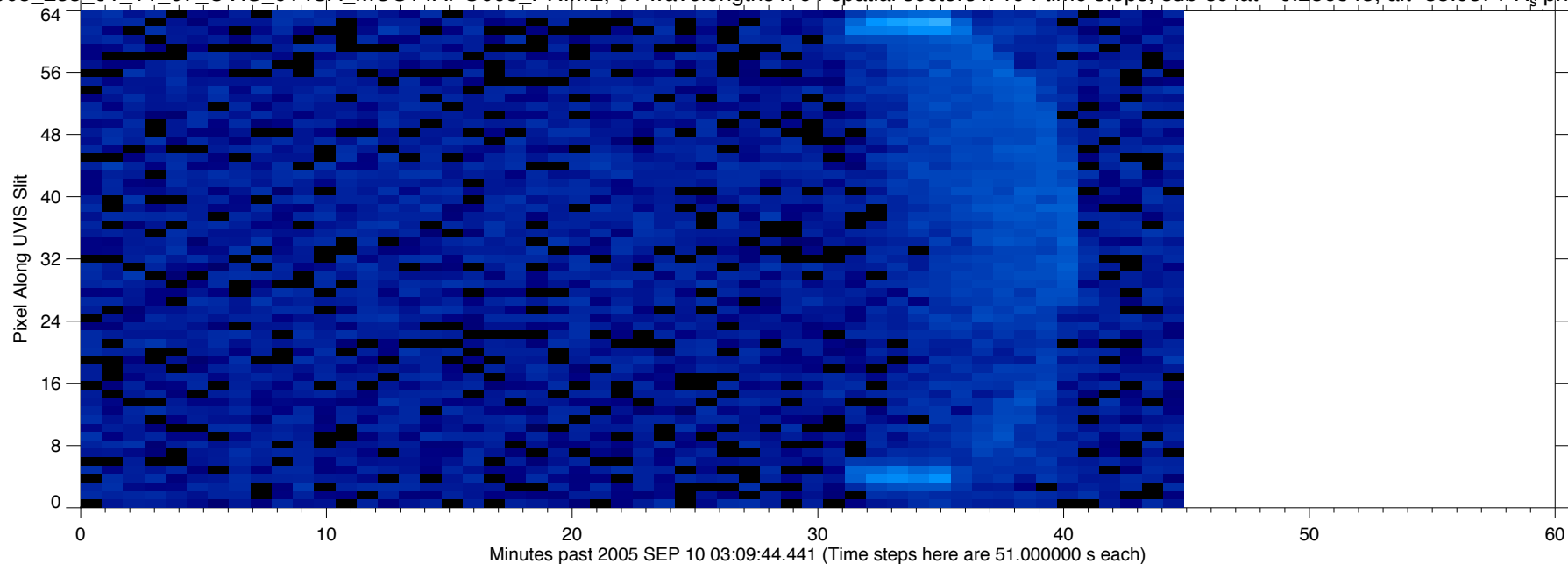
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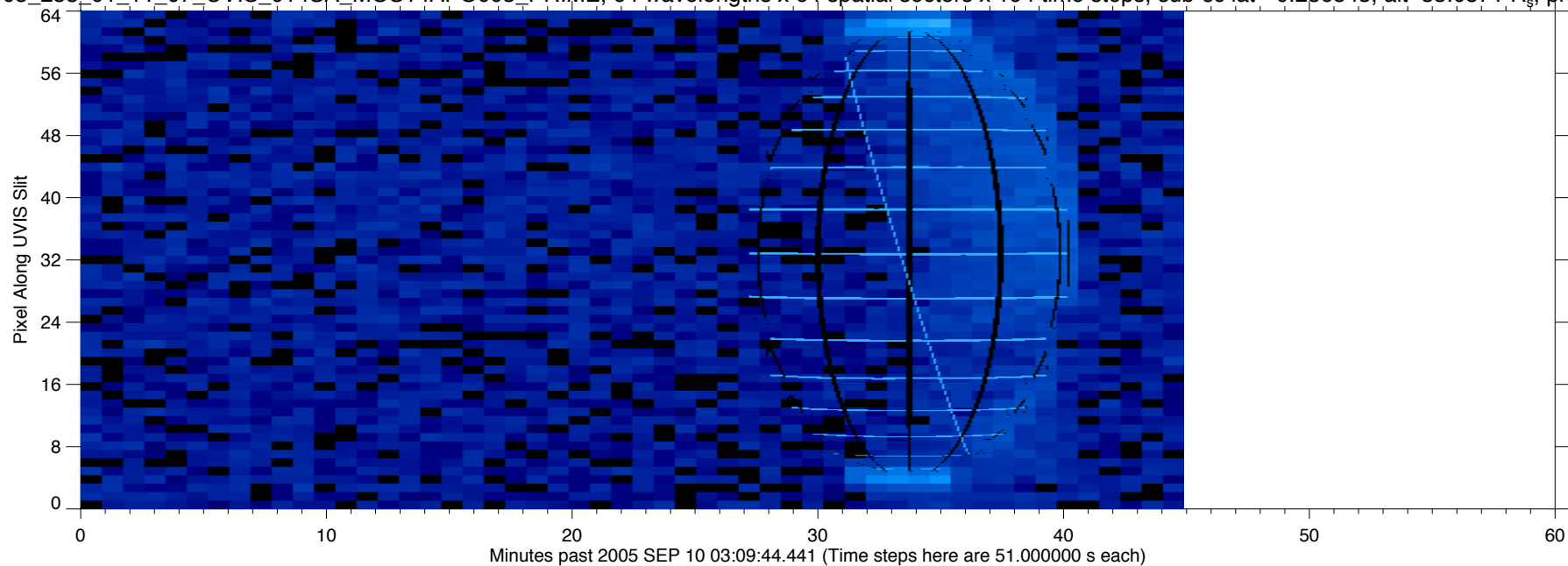
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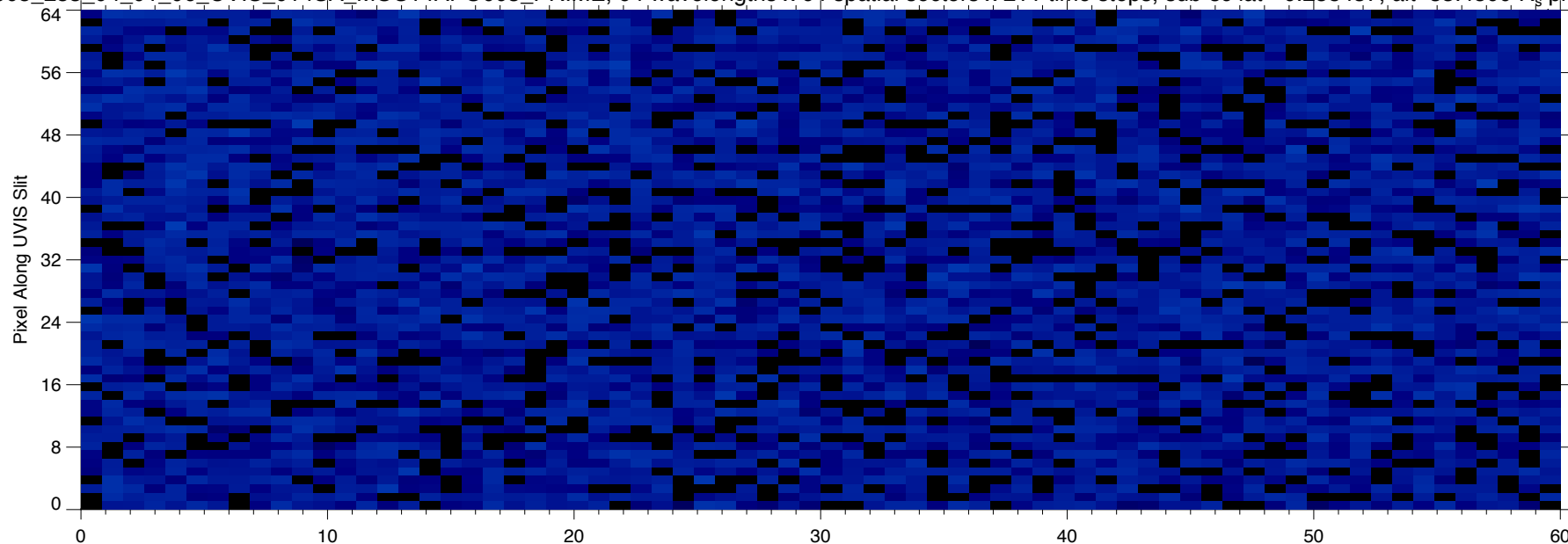
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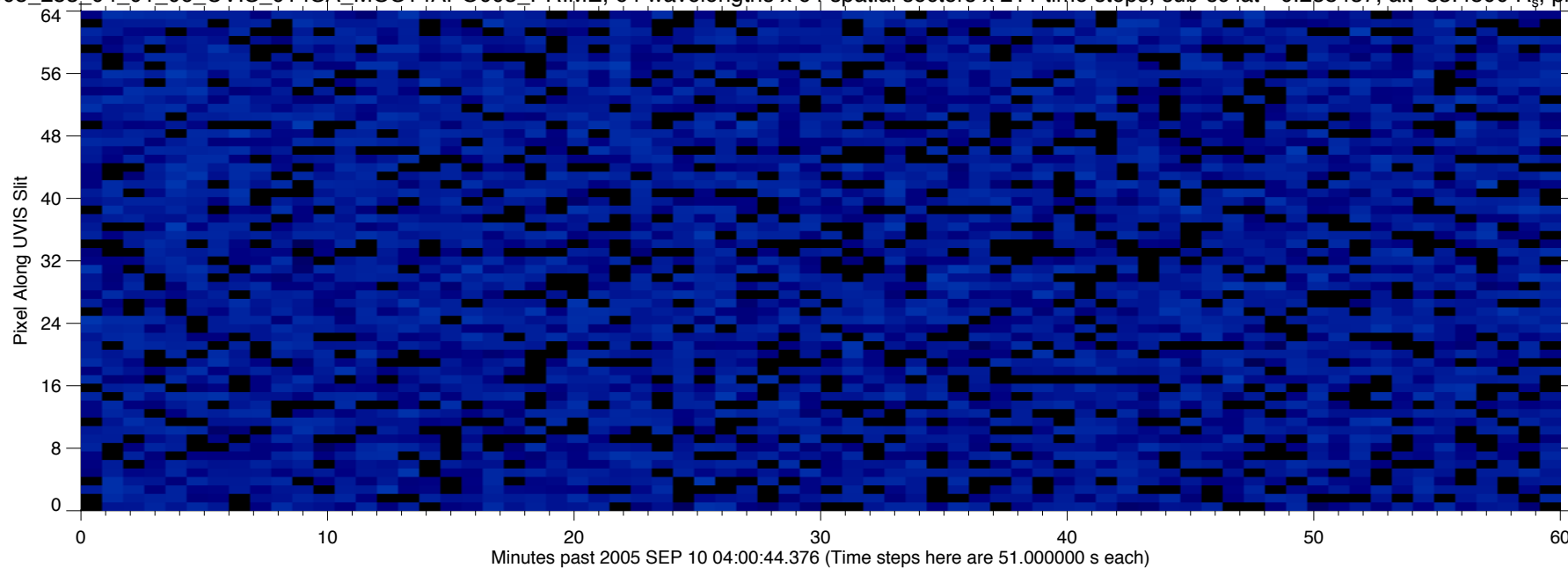
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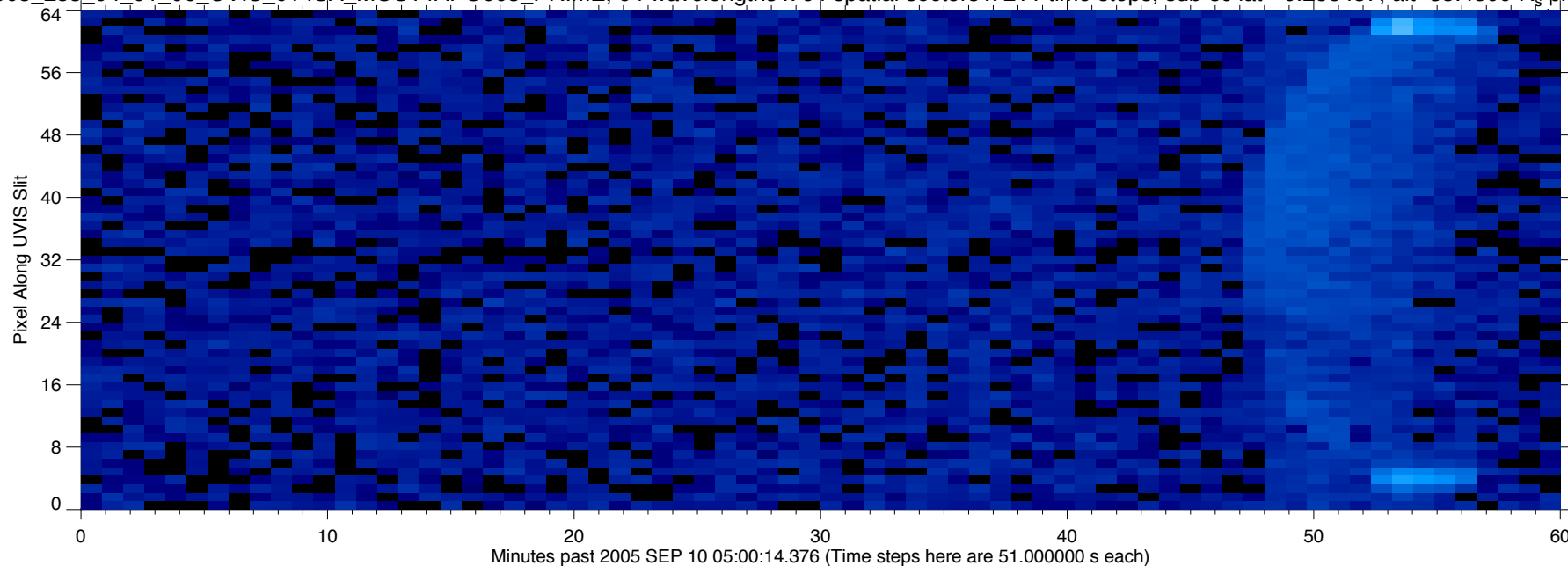
FUV2005_253_04_01_06_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-0.258437, alt=33.4500 R_s, phase=87.1421



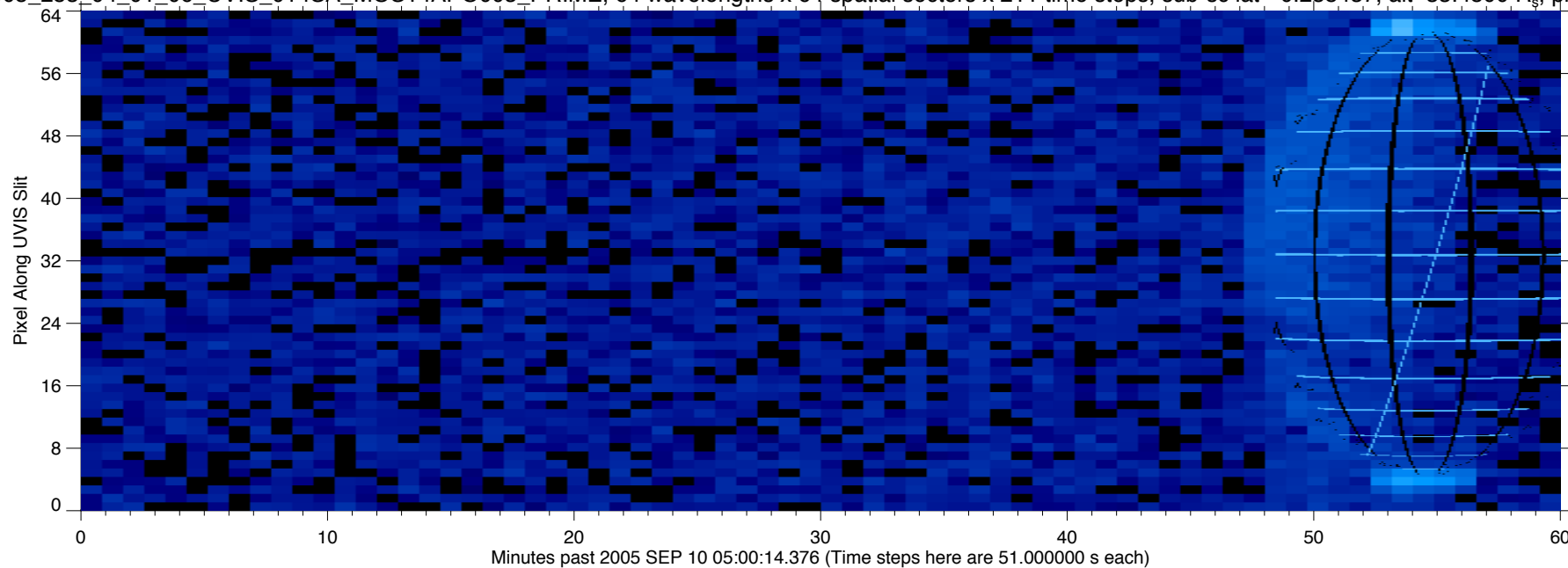
FUV2005_253_04_01_06_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-0.258437, alt=33.4500 R_s, phase=87.1421



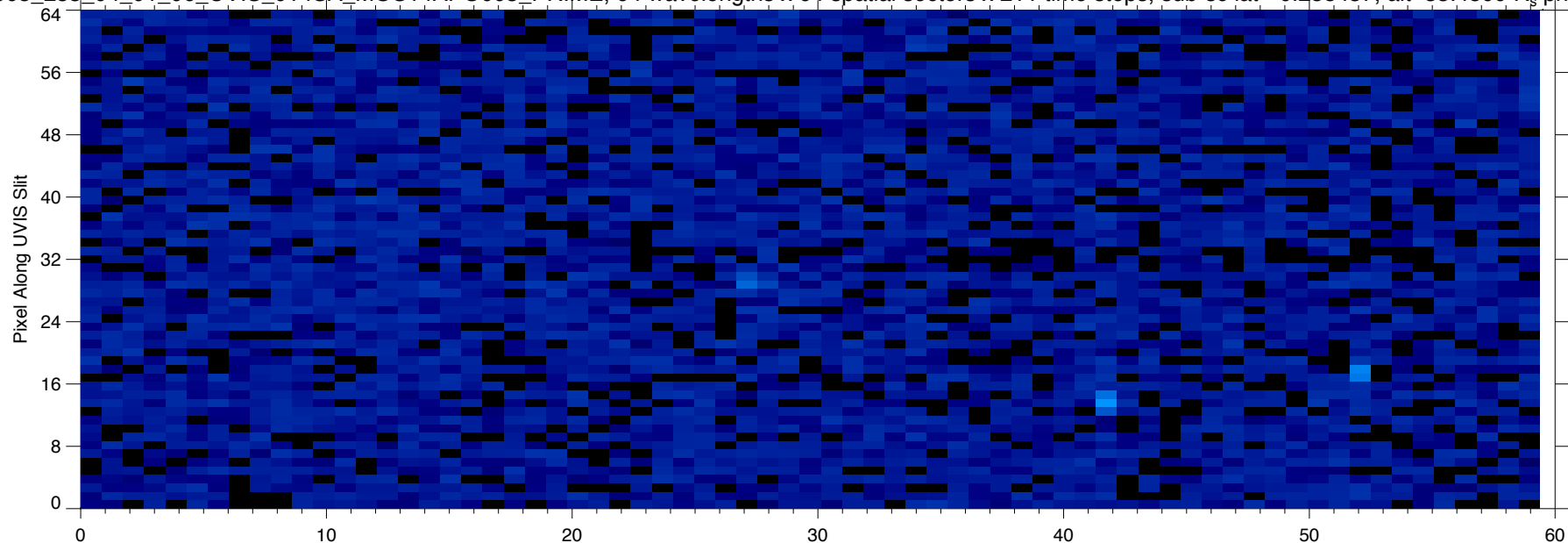
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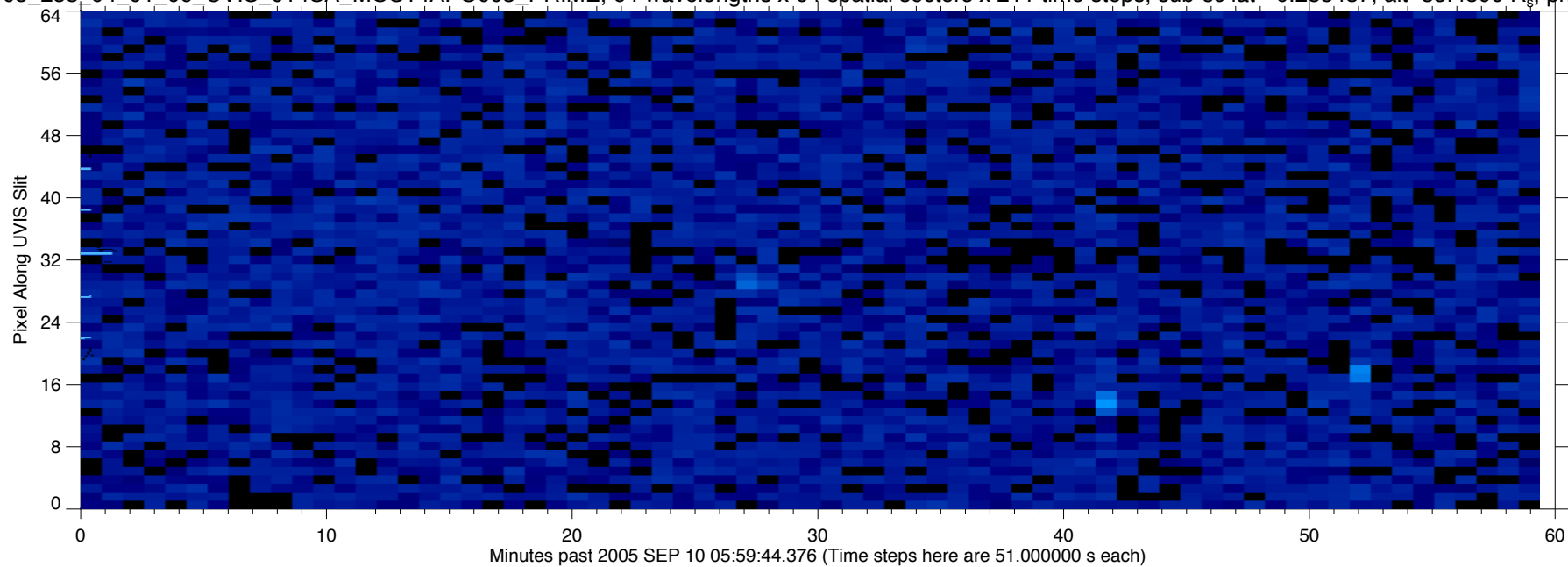
FUV2005_253_04_01_06_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-0.258437, alt=33.4500 R_s, phase=87.1421



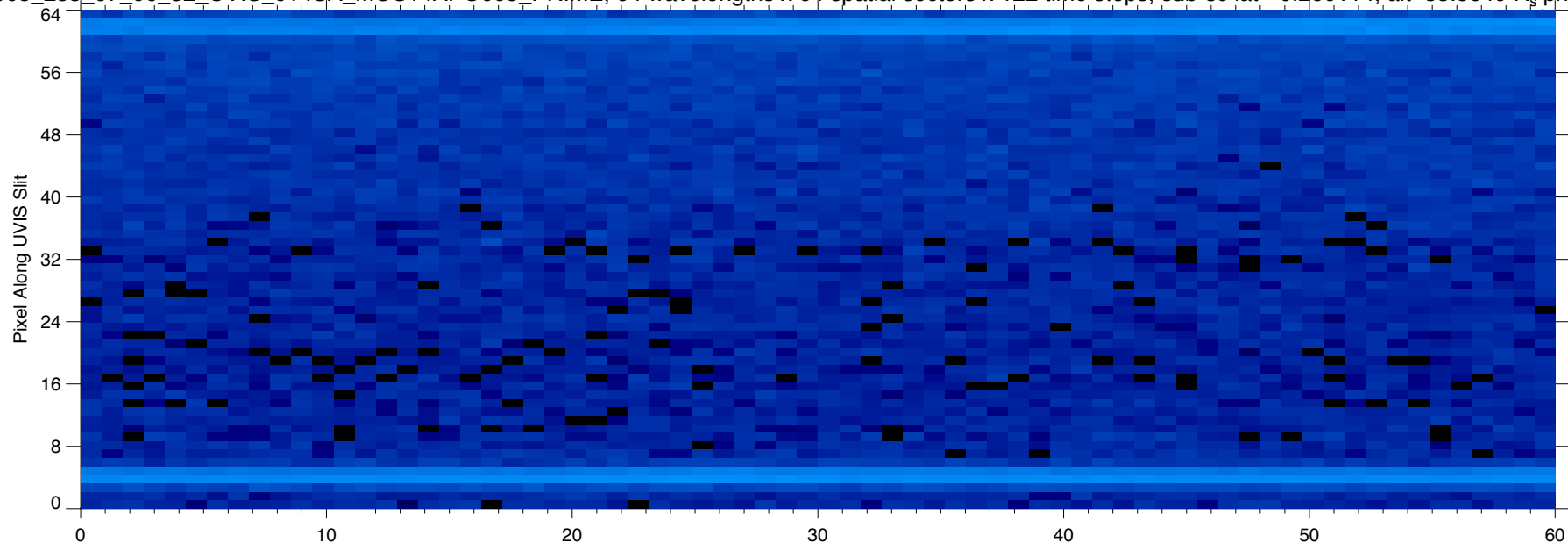
FUV2005_253_04_01_06_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-0.258437, alt=33.4500 R_s, phase=87.1421



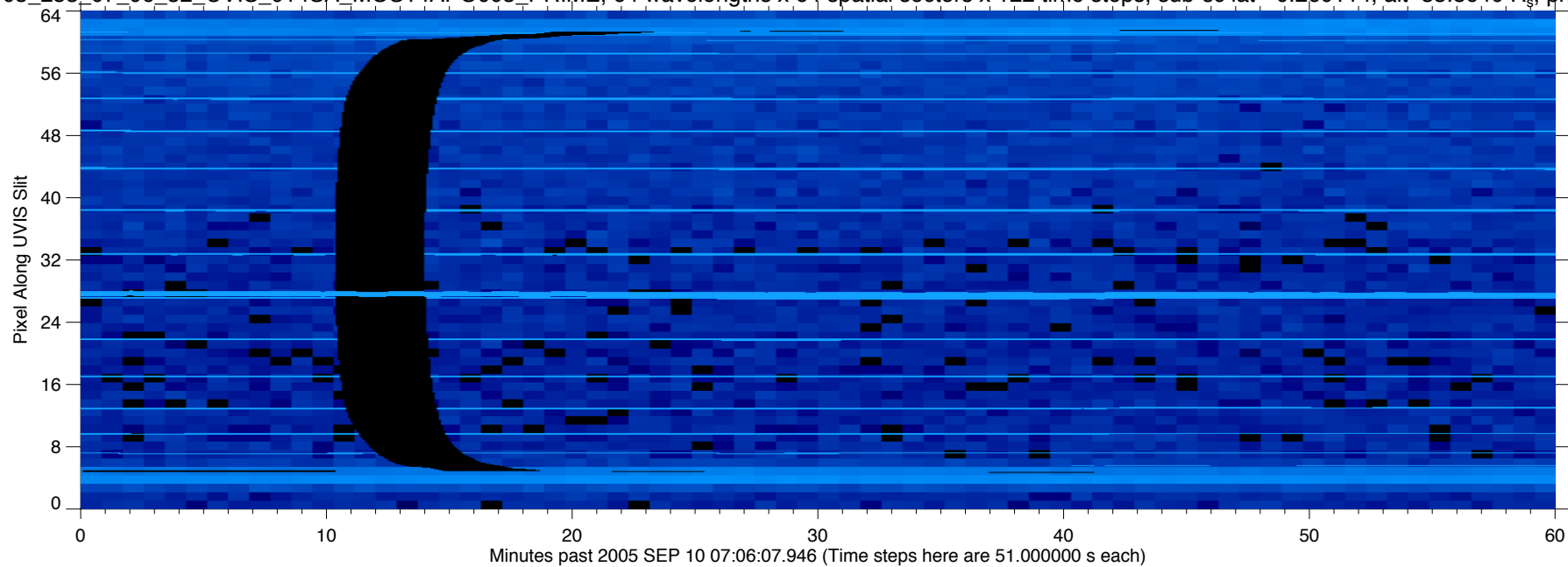
FUV2005_253_04_01_06_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 211 time steps, sub-sc lat=-0.258437, alt=33.4500 R_s, phase=87.1421



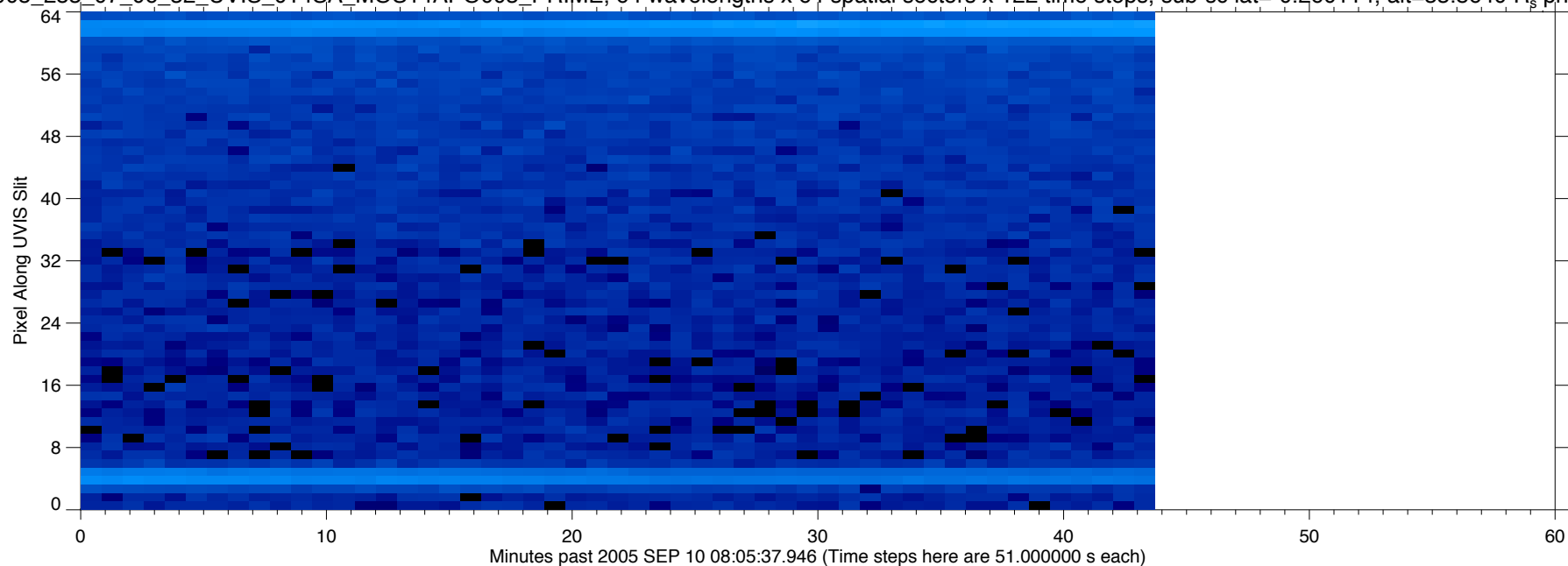
FUV2005_253_07_06_32_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 122 time steps, sub-sc lat=-0.260114, alt=33.8640 R_s, phase=86.6509



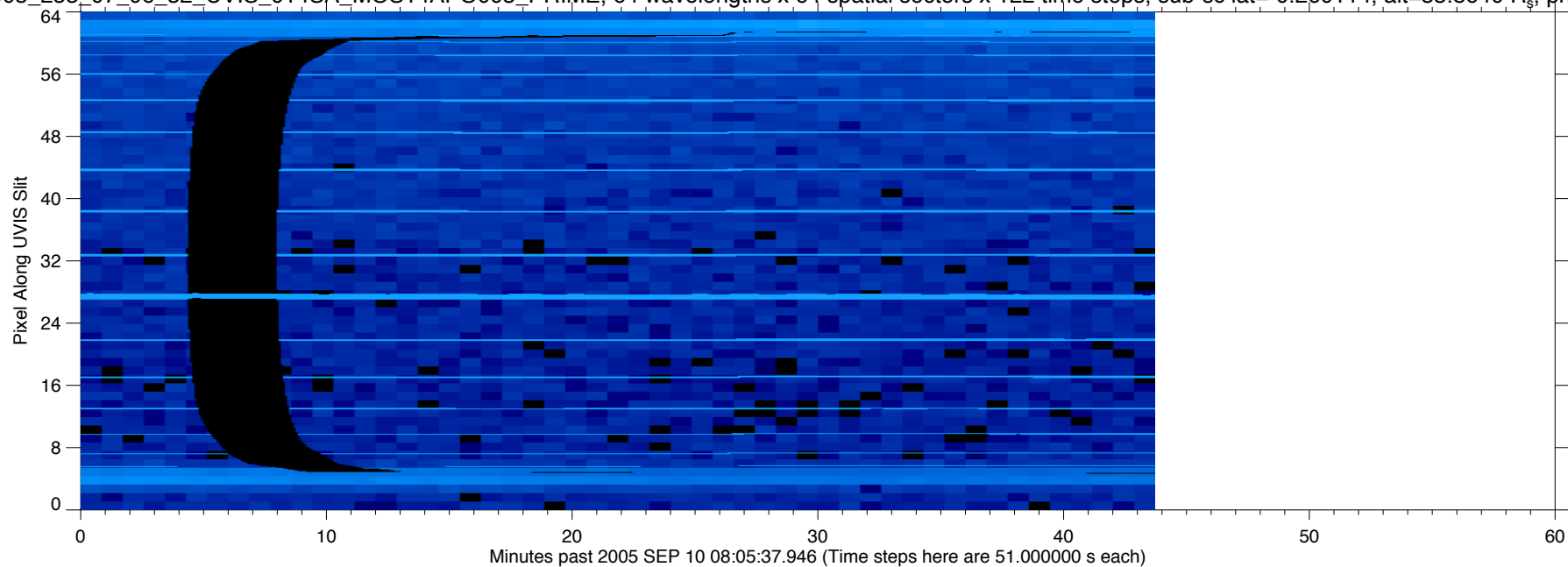
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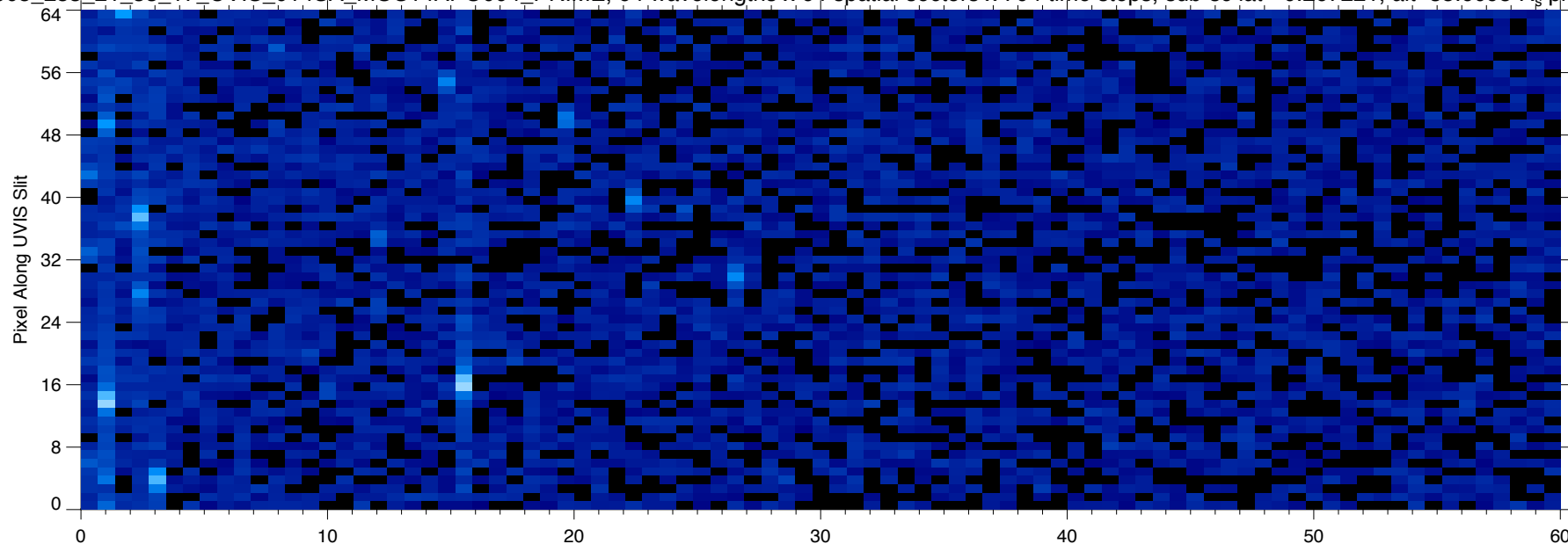
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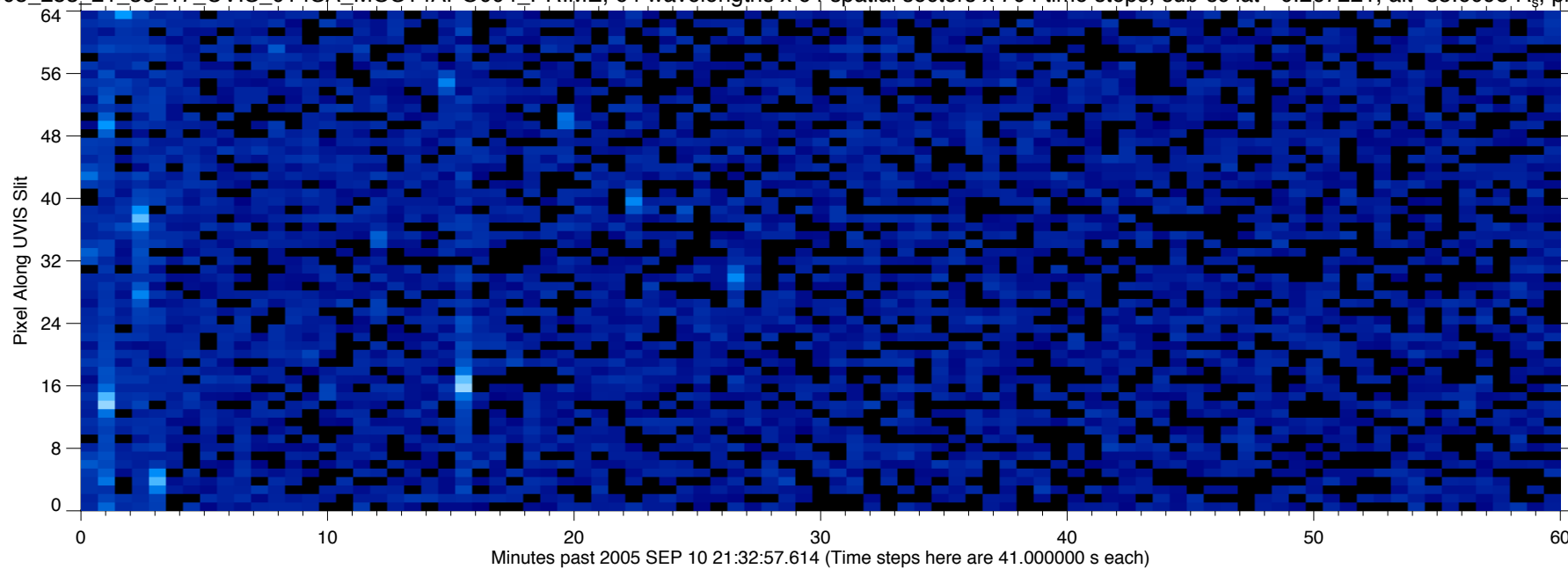
FUV2005_253_07_06_32_UVIS_014SA_MOS14APO003_PRIME, 64 wavelengths x 64 spatial sectors x 122 time steps, sub-sc lat=-0.260114, alt=33.8640 R_s, phase=86.6509



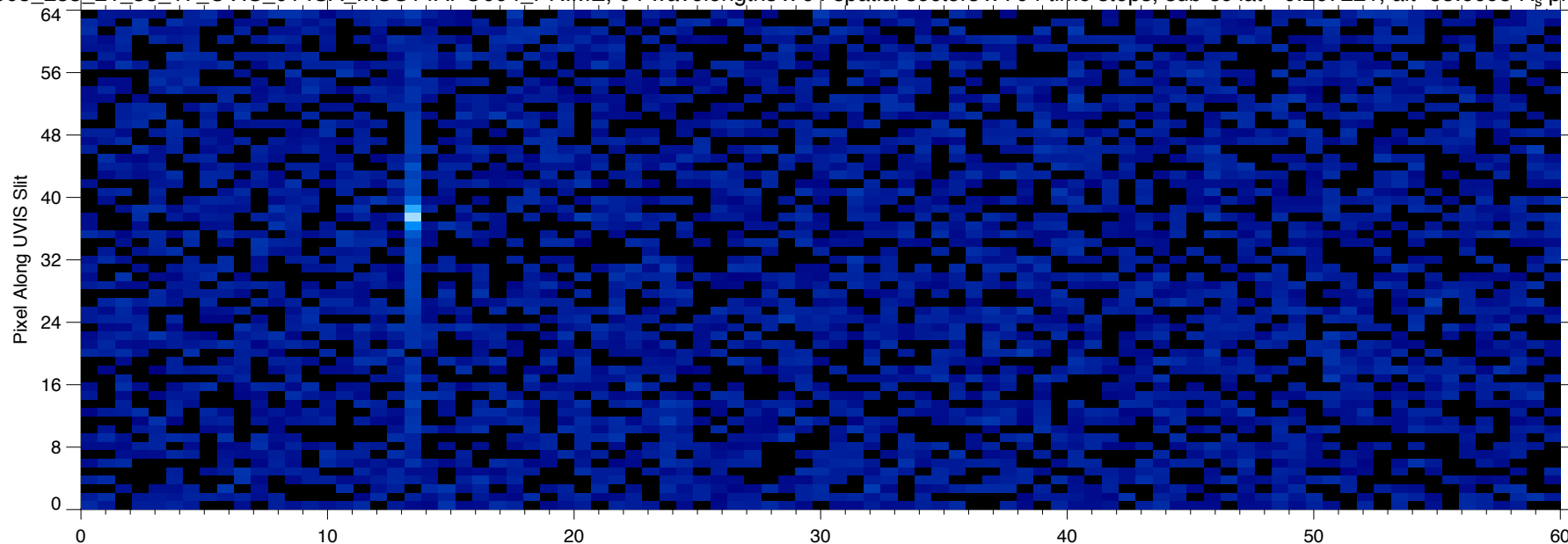
FUV2005_253_21_33_17_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.267221, alt=35.6095 R_s, phase=84.4944



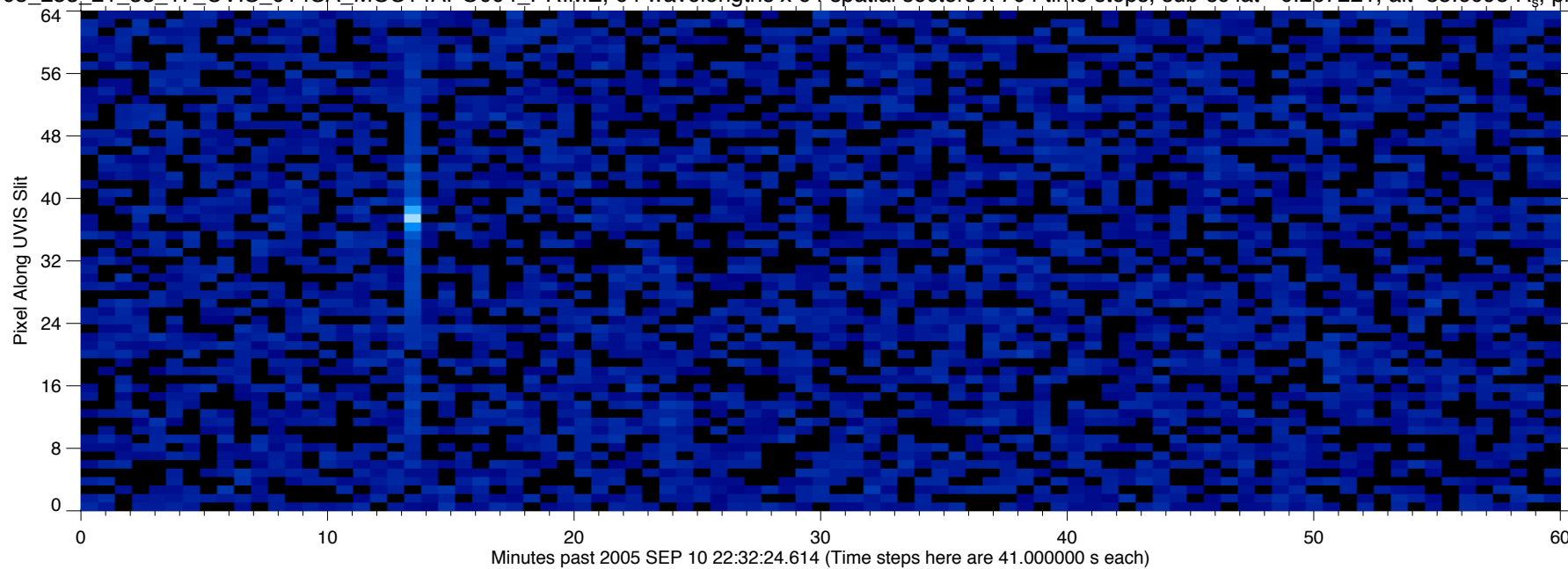
FUV2005_253_21_33_17_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.267221, alt=35.6095 R_s, phase=84.4944



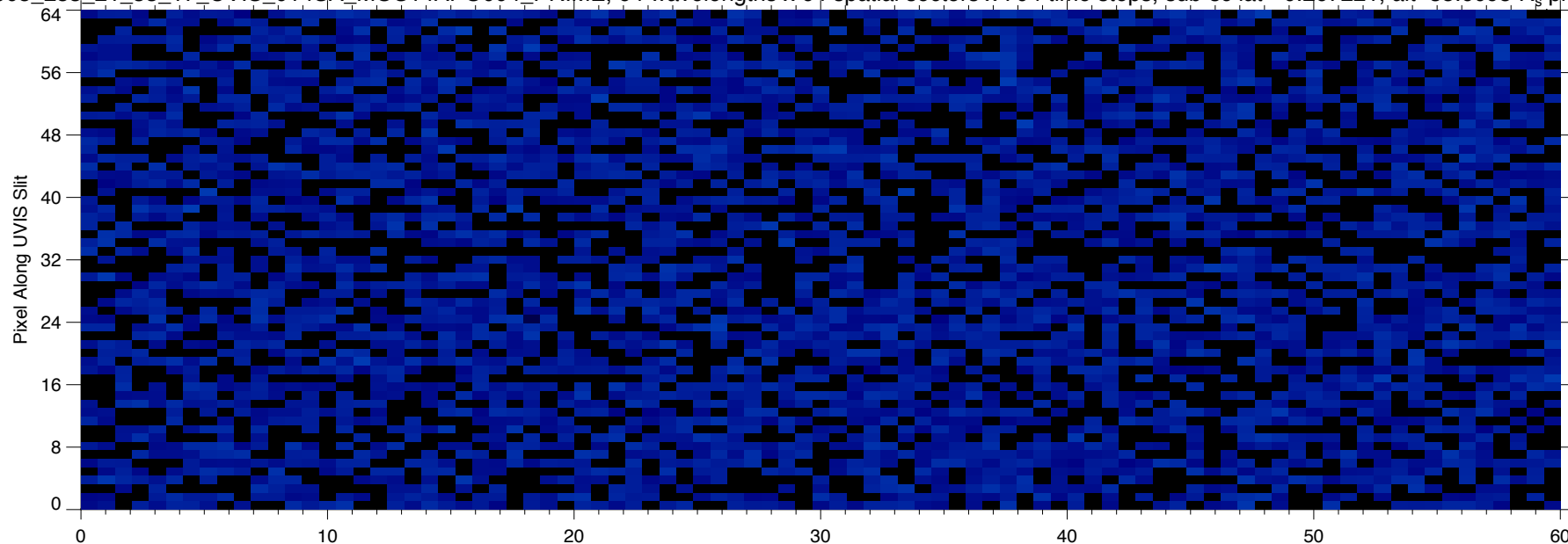
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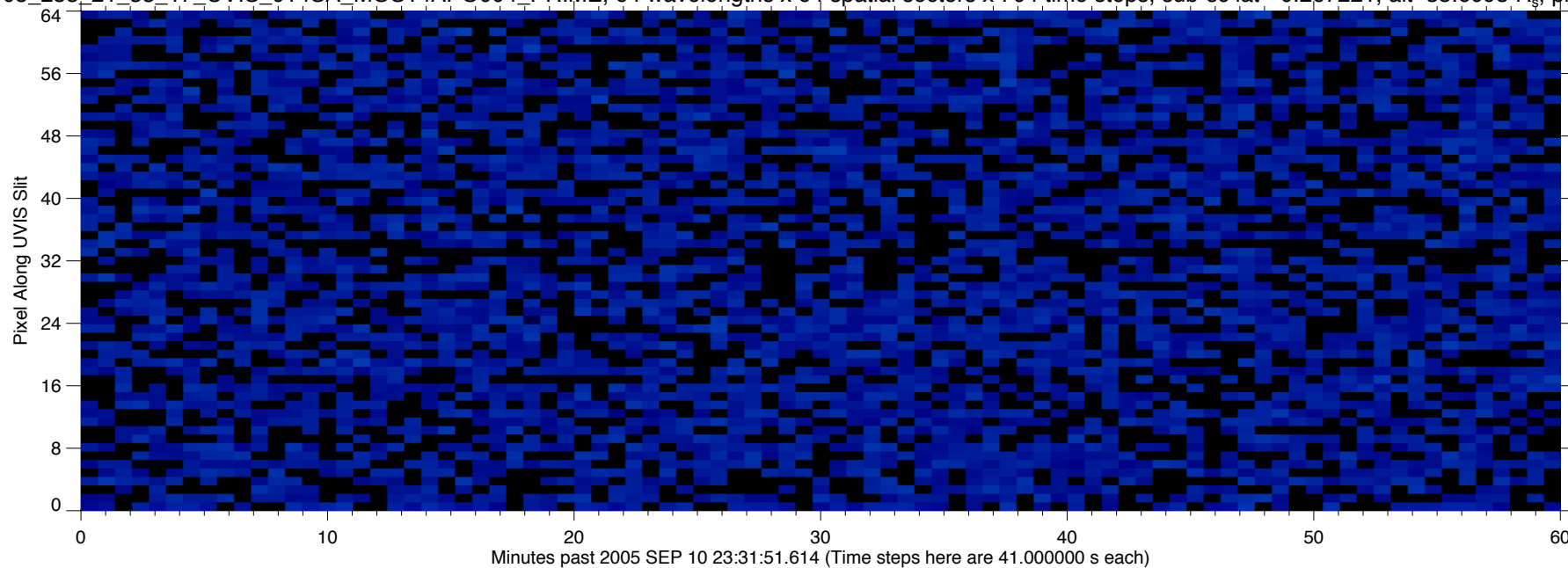
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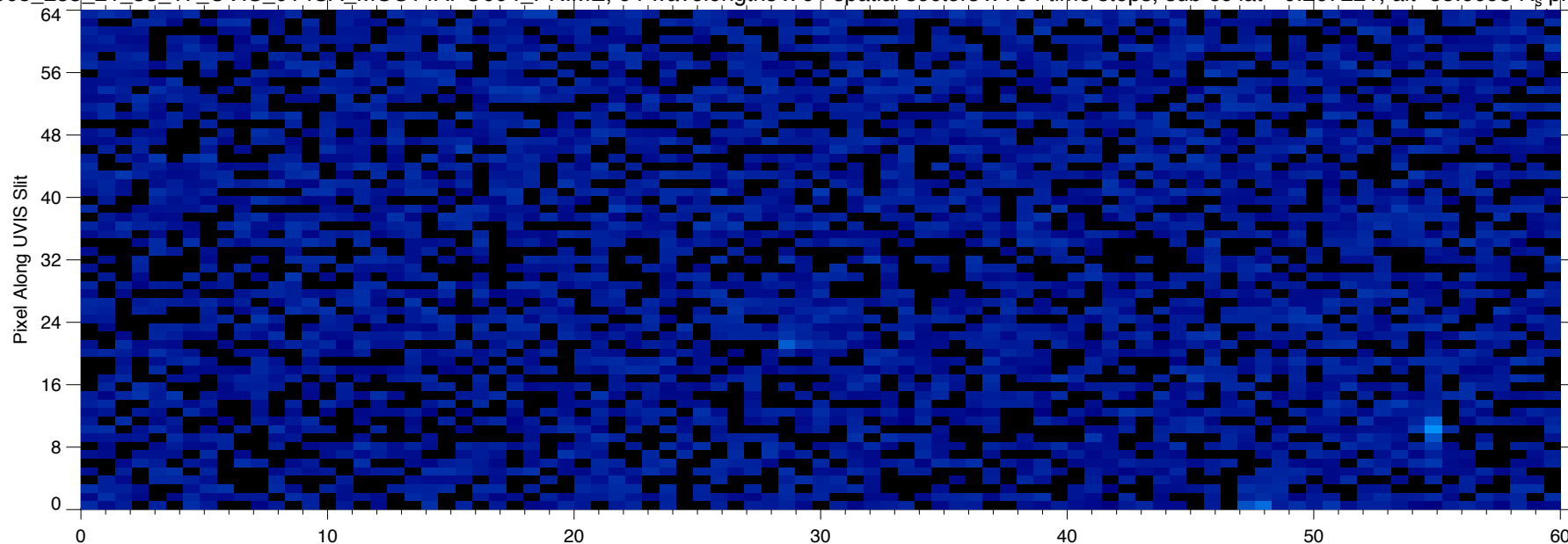
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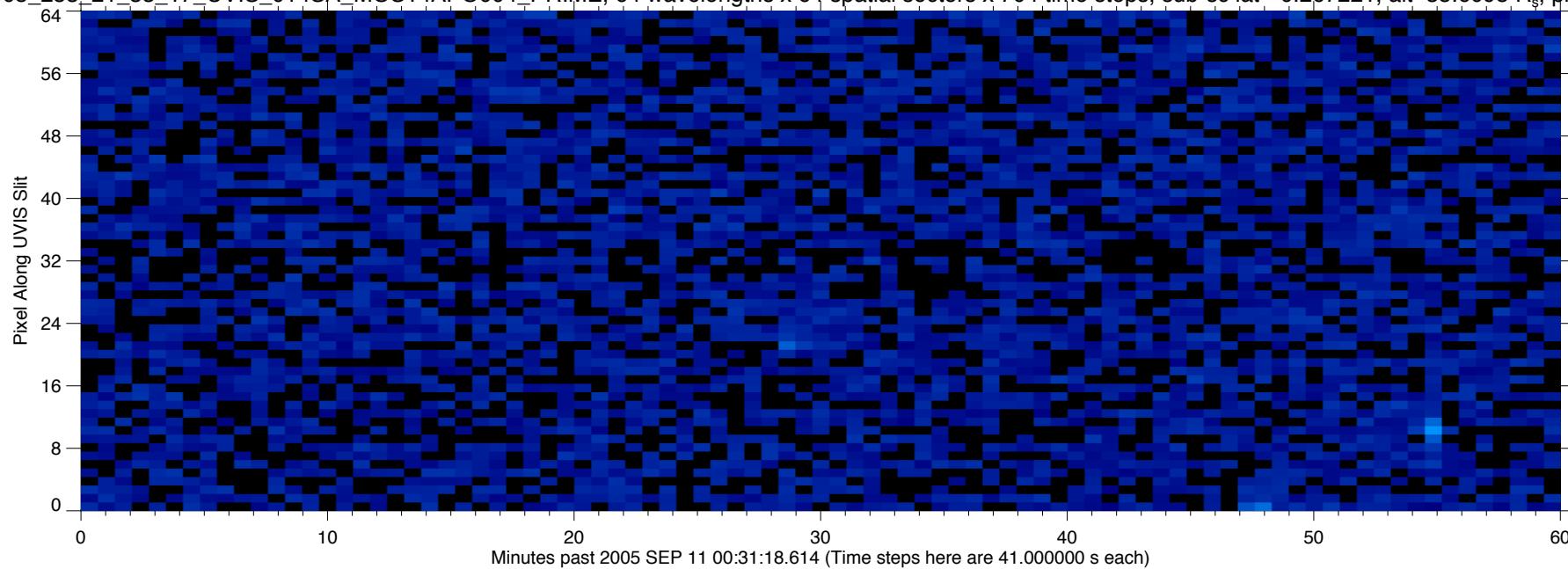
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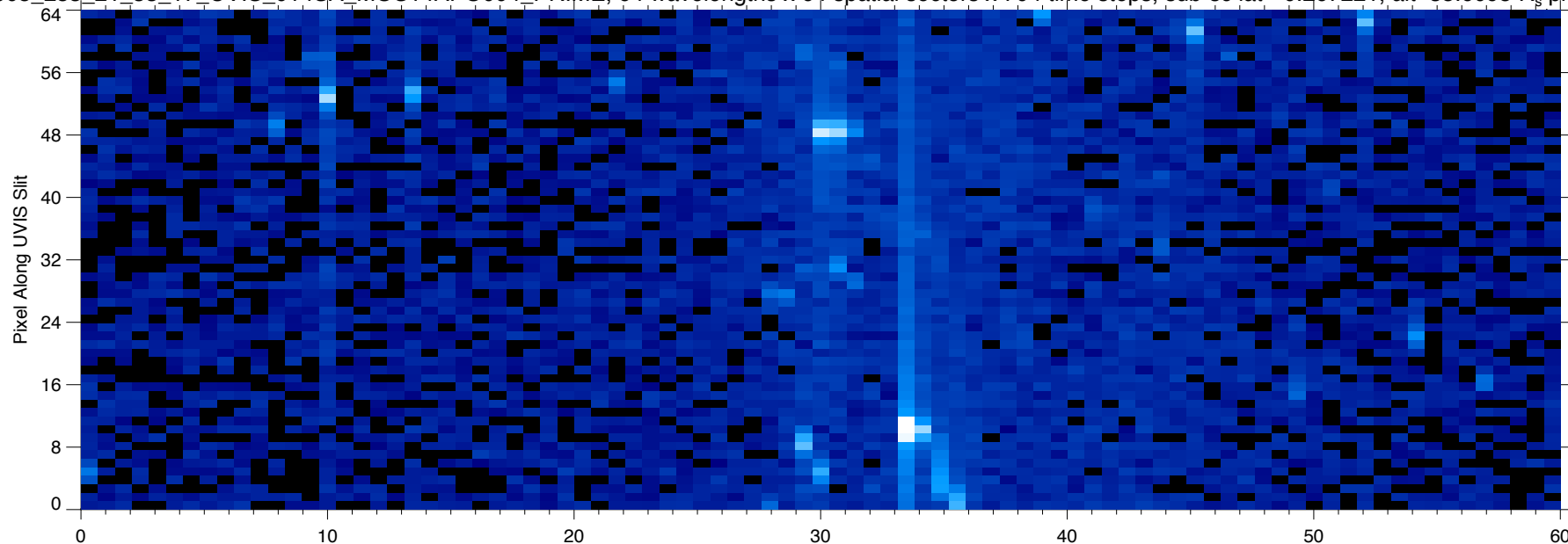
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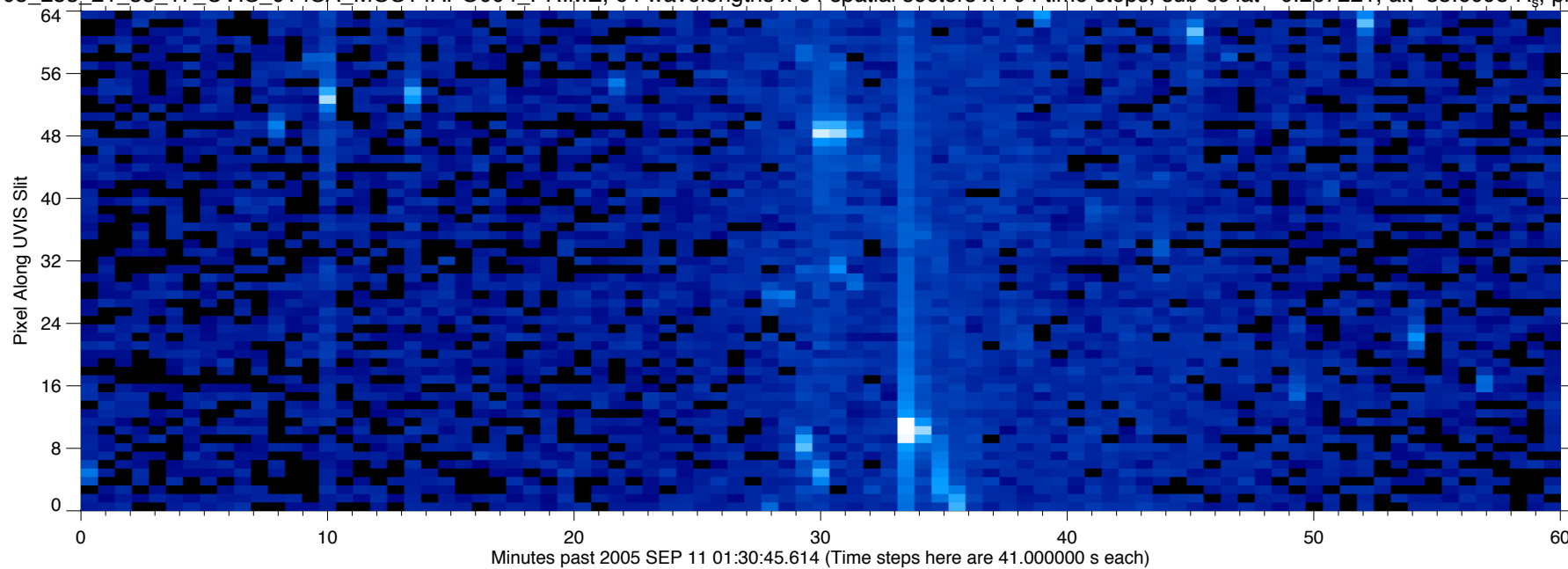
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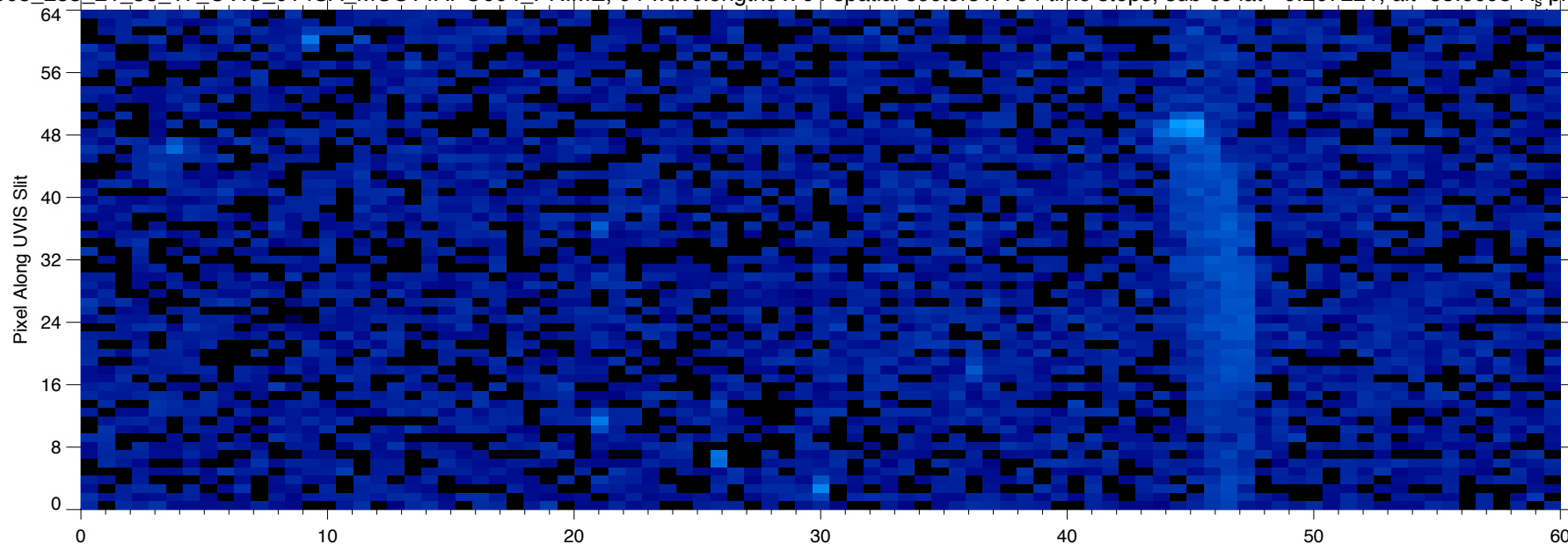
FUV2005_253_21_33_17_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.267221, alt=35.6095 R_s, phase=84.4944



FUV2005_253_21_33_17_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.267221, alt=35.6095 R_s, phase=84.4944

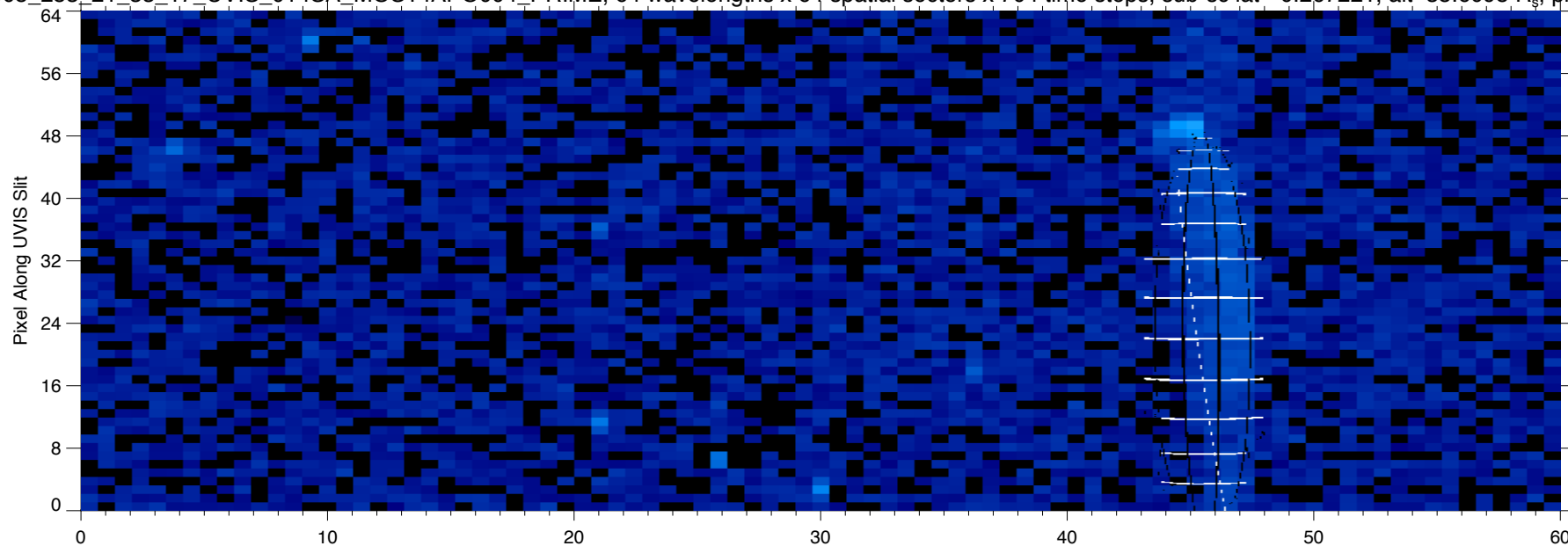


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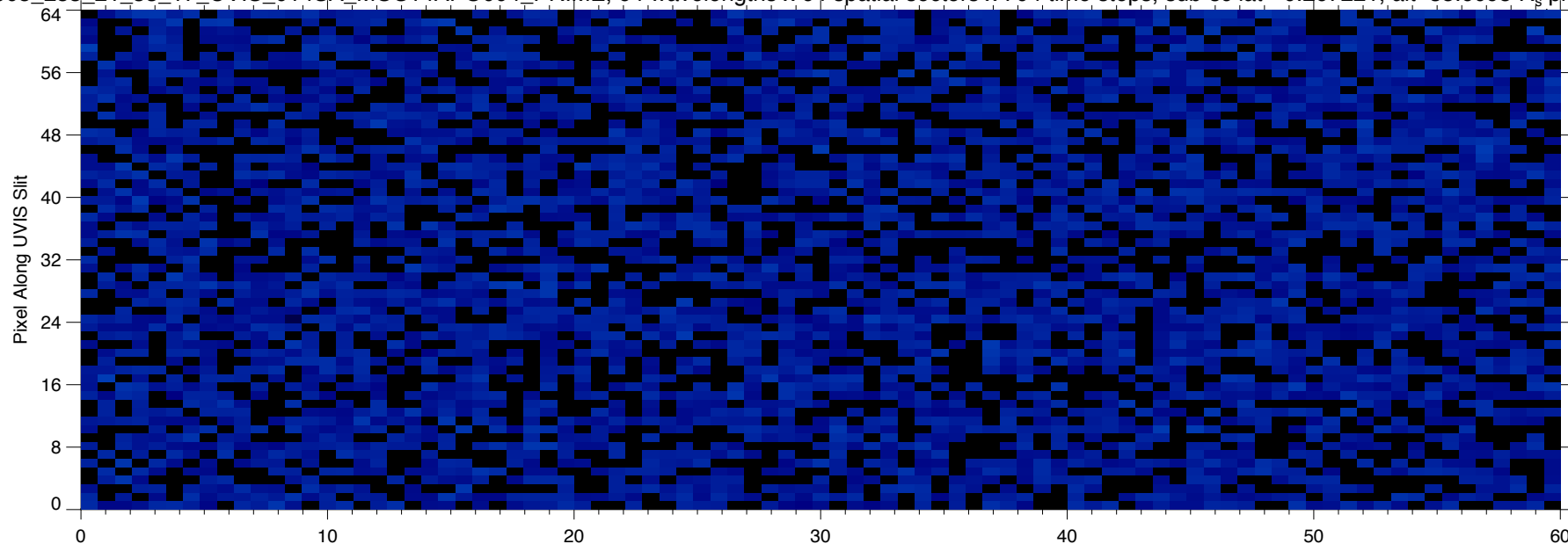
Minutes past 2005 SEP 11 02:30:12.614 (Time steps here are 41.000000 s each)

FUV2005_253_21_33_17_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.267221, alt=35.6095 R_s, phase=84.4944

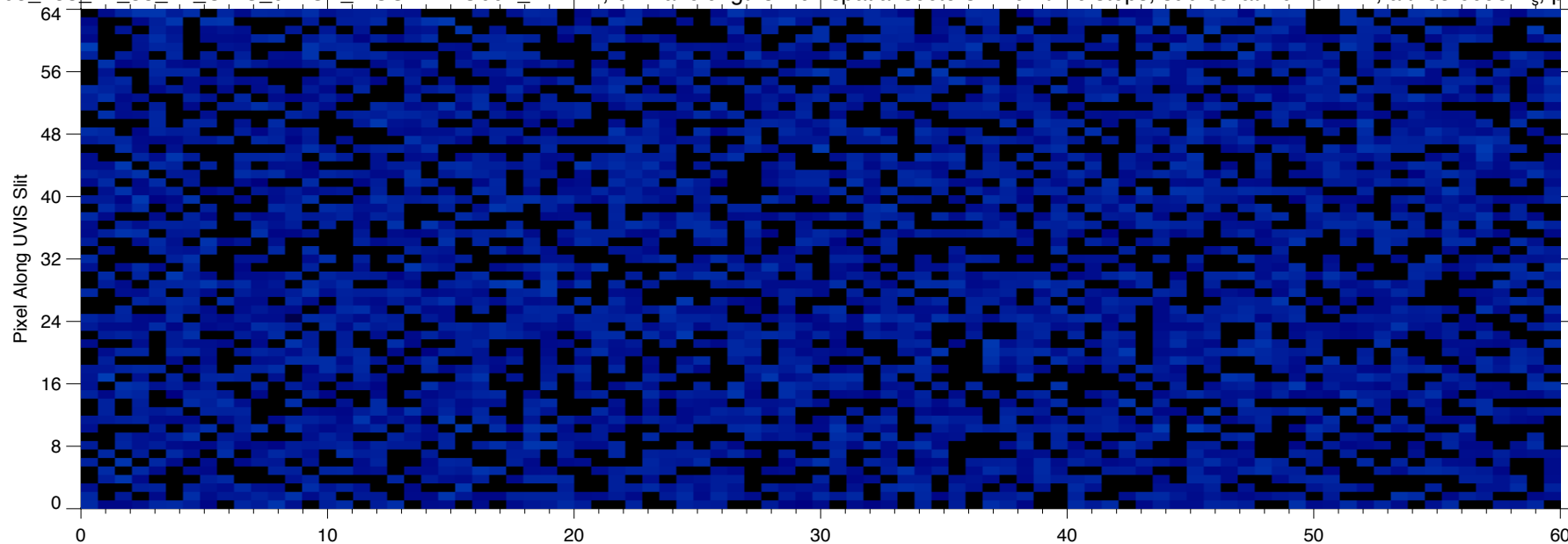


Minutes past 2005 SEP 11 02:30:12.614 (Time steps here are 41.000000 s each)

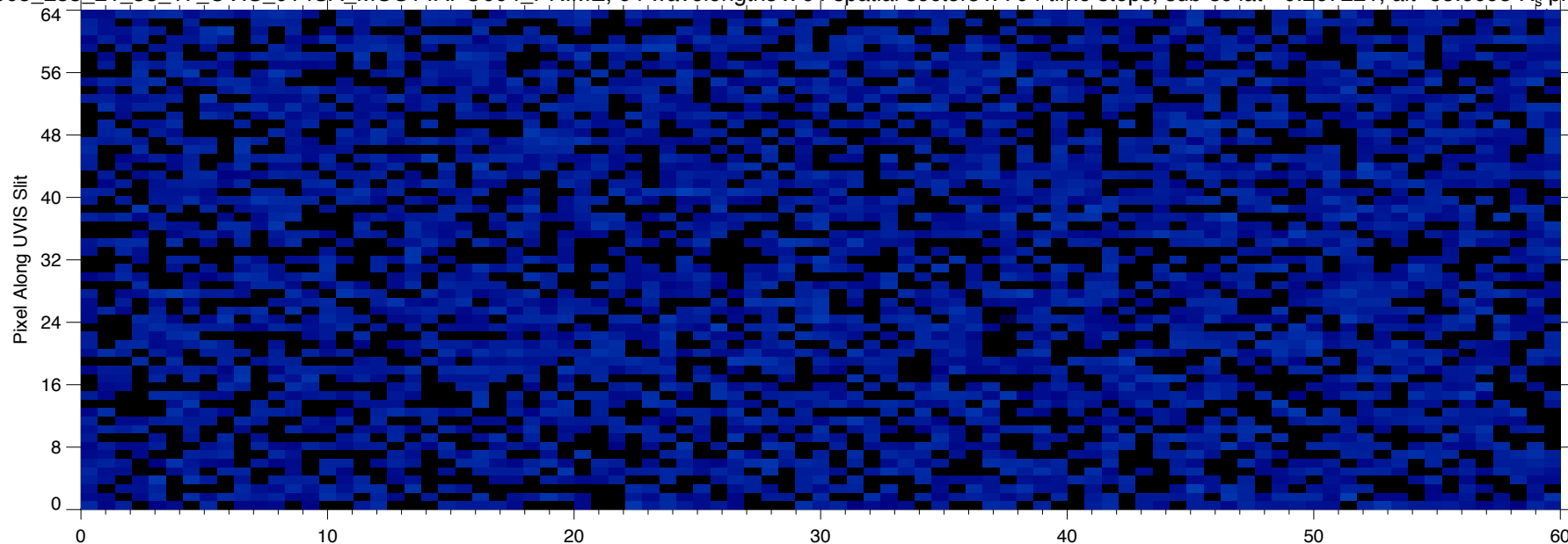
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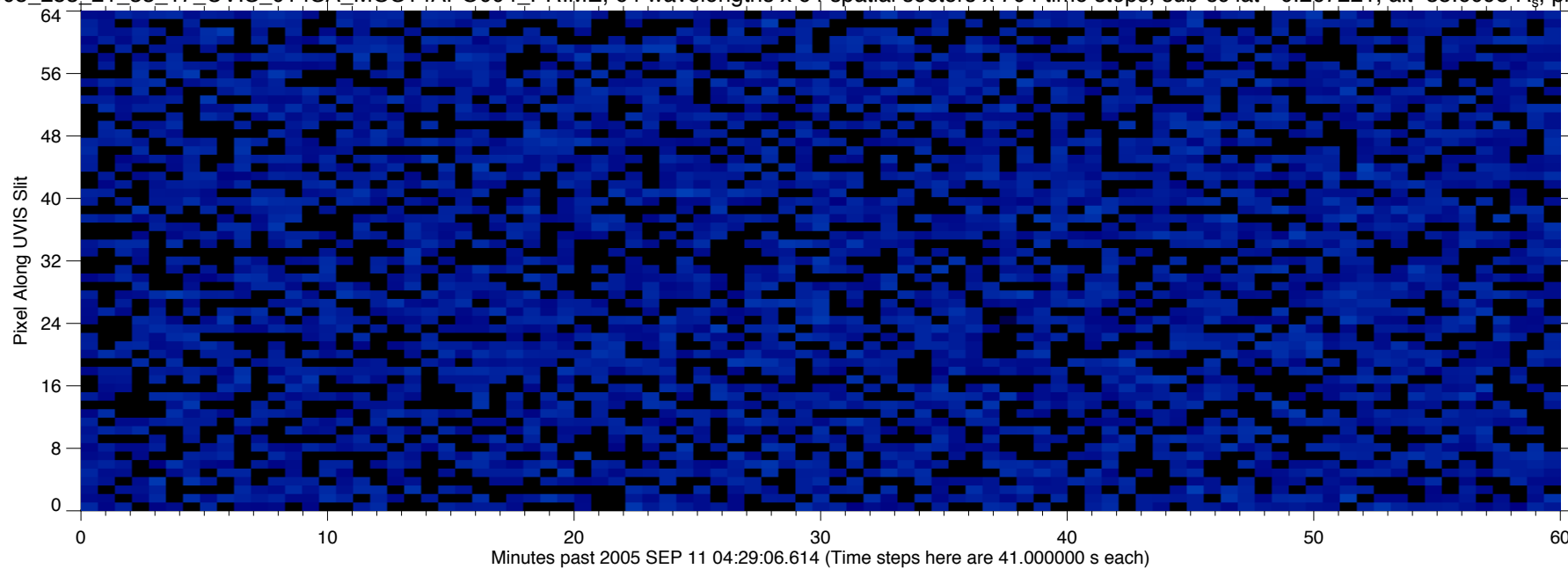
FUV2005_253_21_33_17_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.267221, alt=35.6095 R_s, phase=84.4944



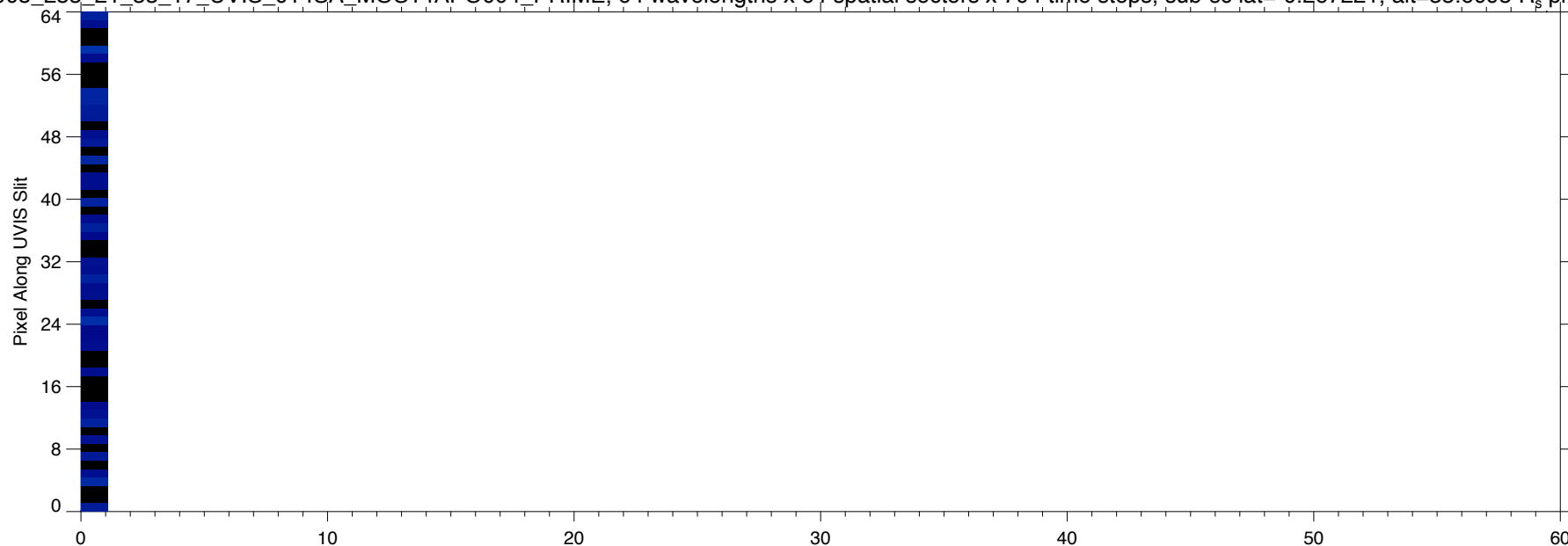
FUV2005_253_21_33_17_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.267221, alt=35.6095 R_s, phase=84.4944



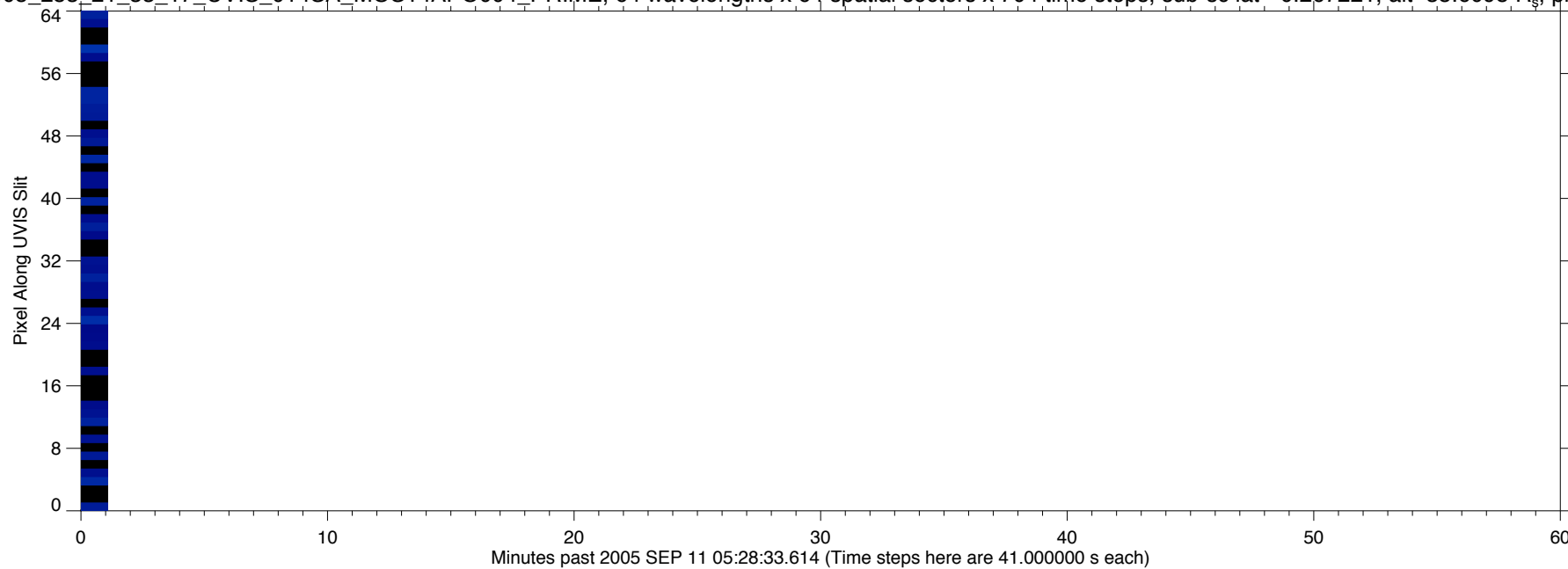
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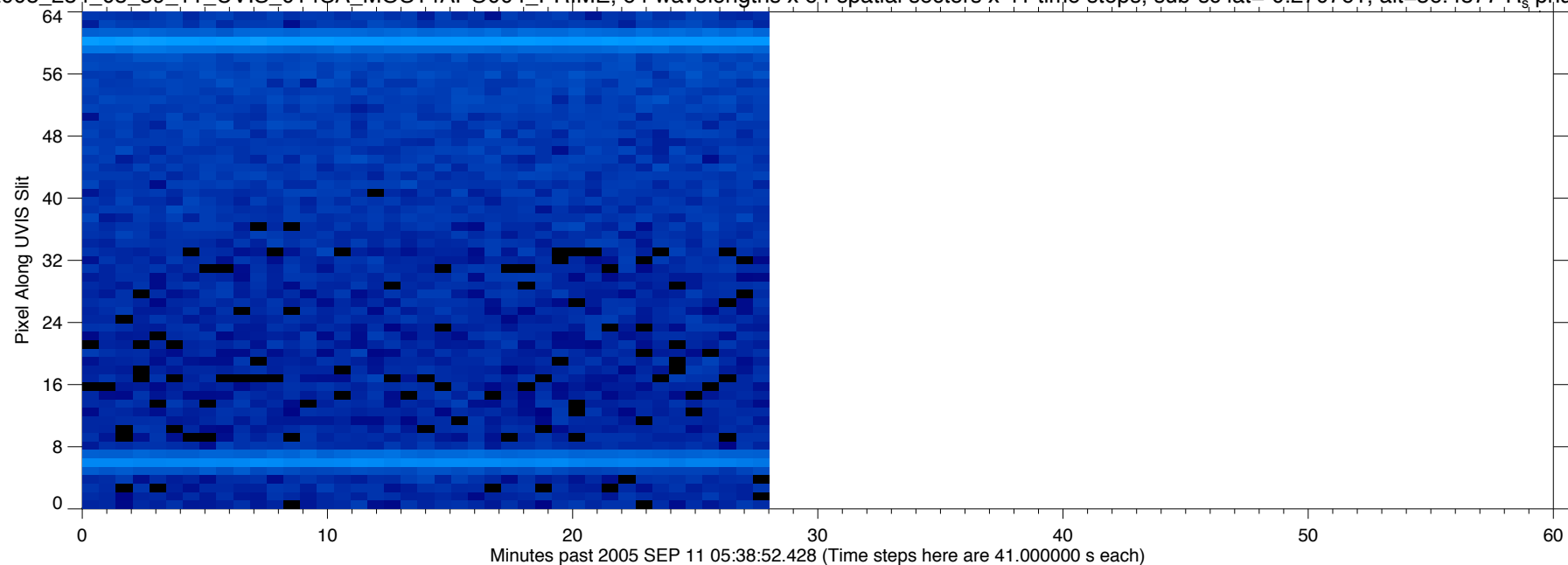
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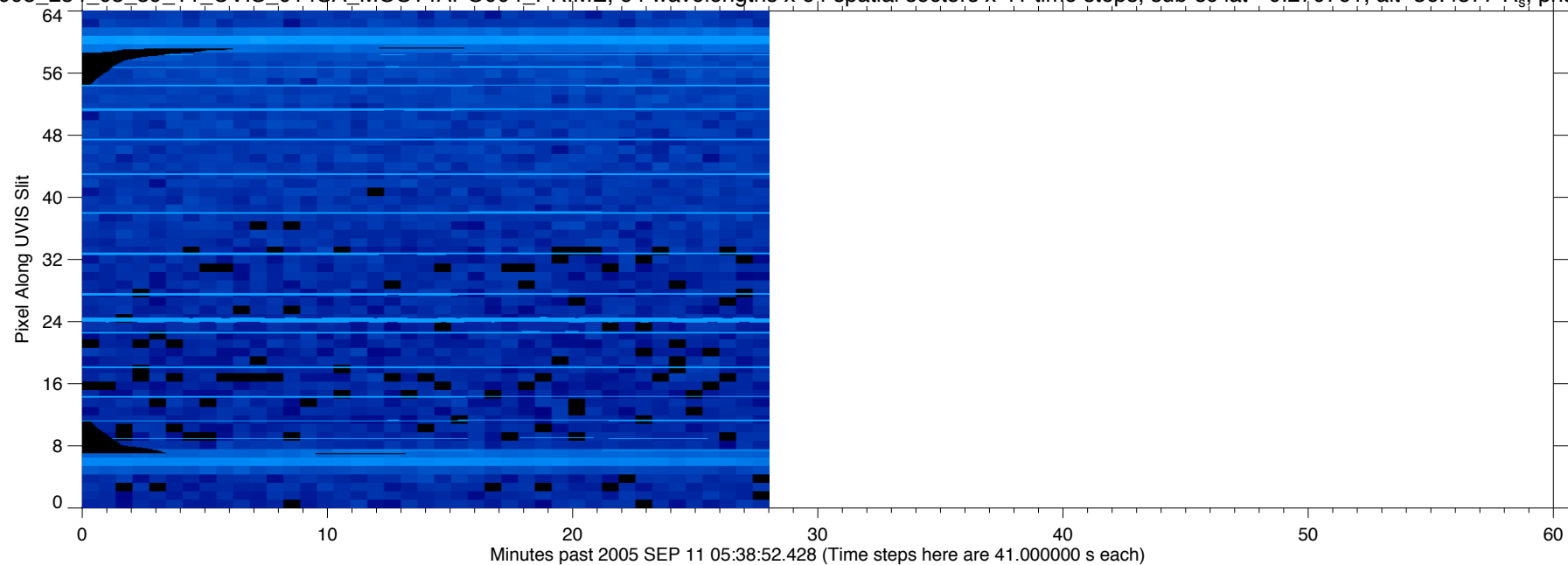
FUV2005_253_21_33_17_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 704 time steps, sub-sc lat=-0.267221, alt=35.6095 R_s, phase=84.4944



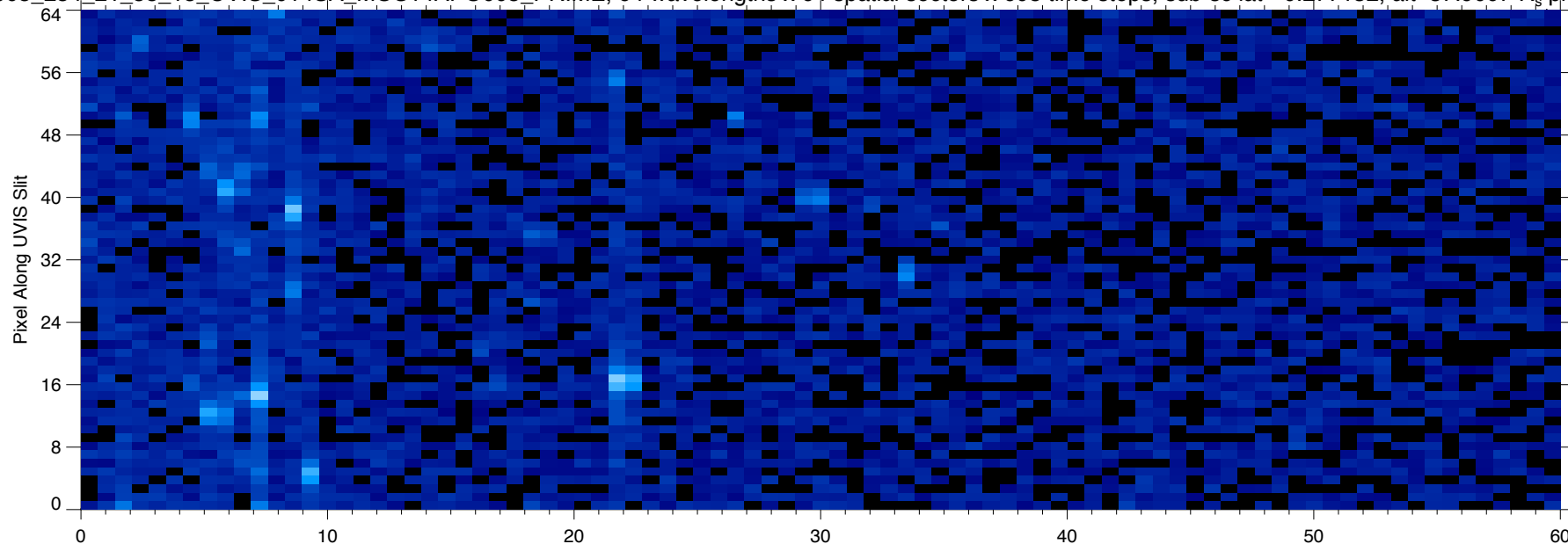
FUV2005_254_05_39_11_UVIS_014SA_MOS14APO004_PRIME, 64 wavelengths x 64 spatial sectors x 41 time steps, sub-sc lat=-0.270761, alt=36.4577 R_s phase=83.3692



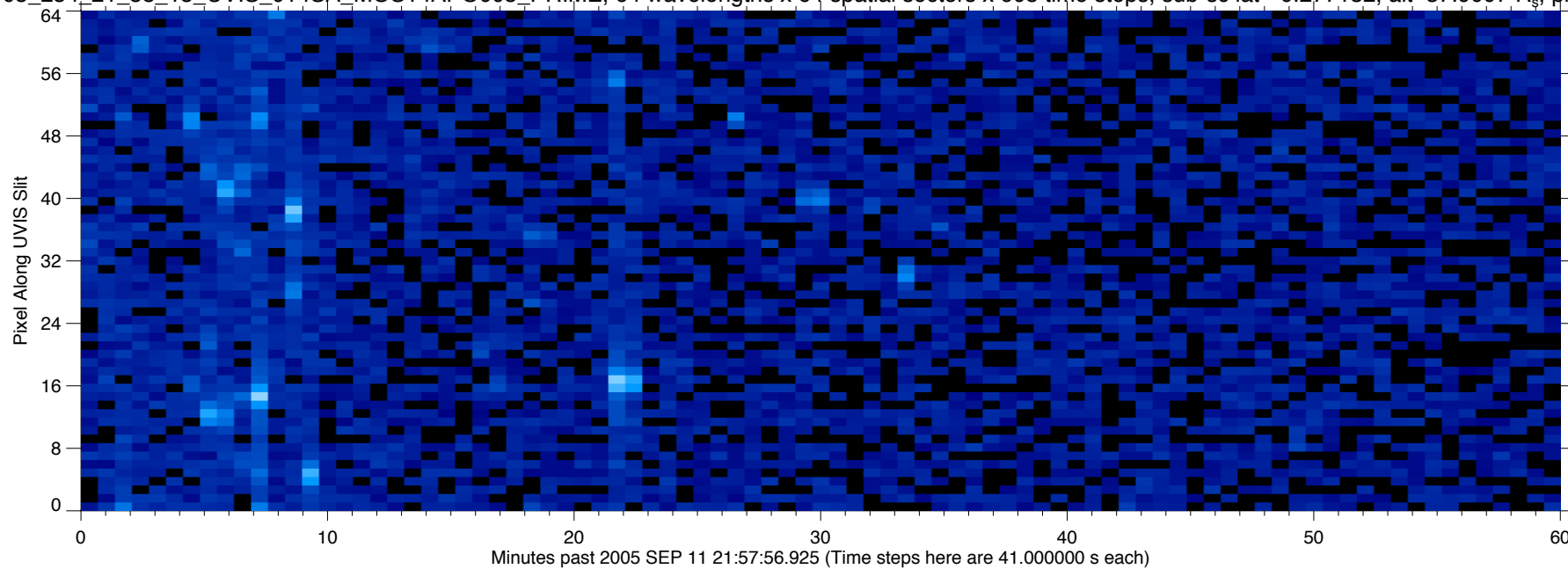
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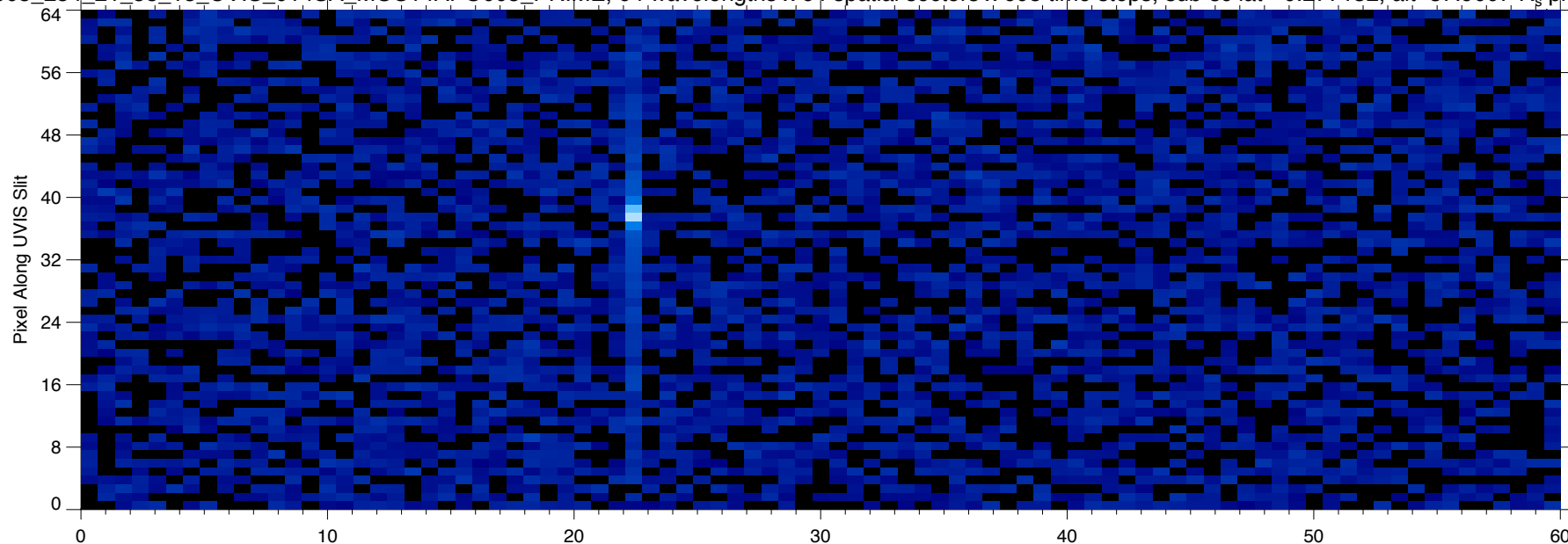
FUV2005_254_21_58_15_UVIS_014SA_MOS14APO005_PRIME, 64 wavelengths x 64 spatial sectors x 608 time steps, sub-sc lat=-0.277132, alt=37.9007 R_s, phase=81.2406



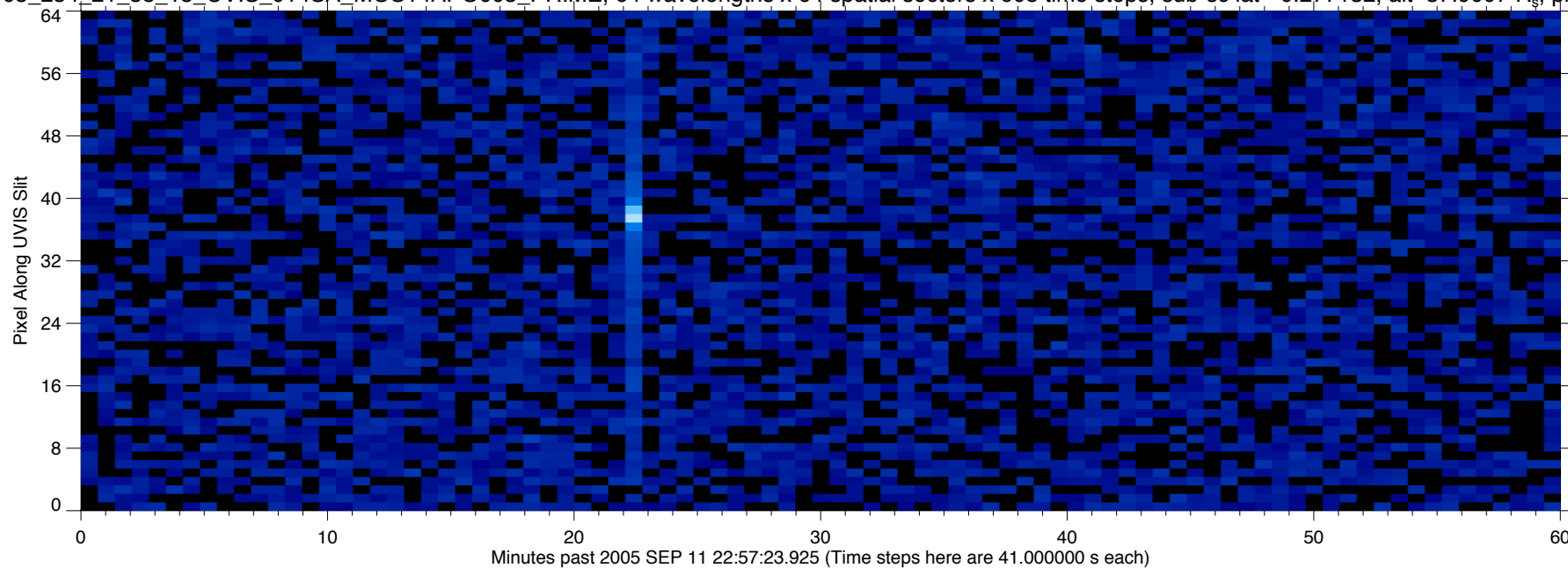
FUV2005_254_21_58_15_UVIS_014SA_MOS14APO005_PRIME, 64 wavelengths x 64 spatial sectors x 608 time steps, sub-sc lat=-0.277132, alt=37.9007 R_s, phase=81.2406



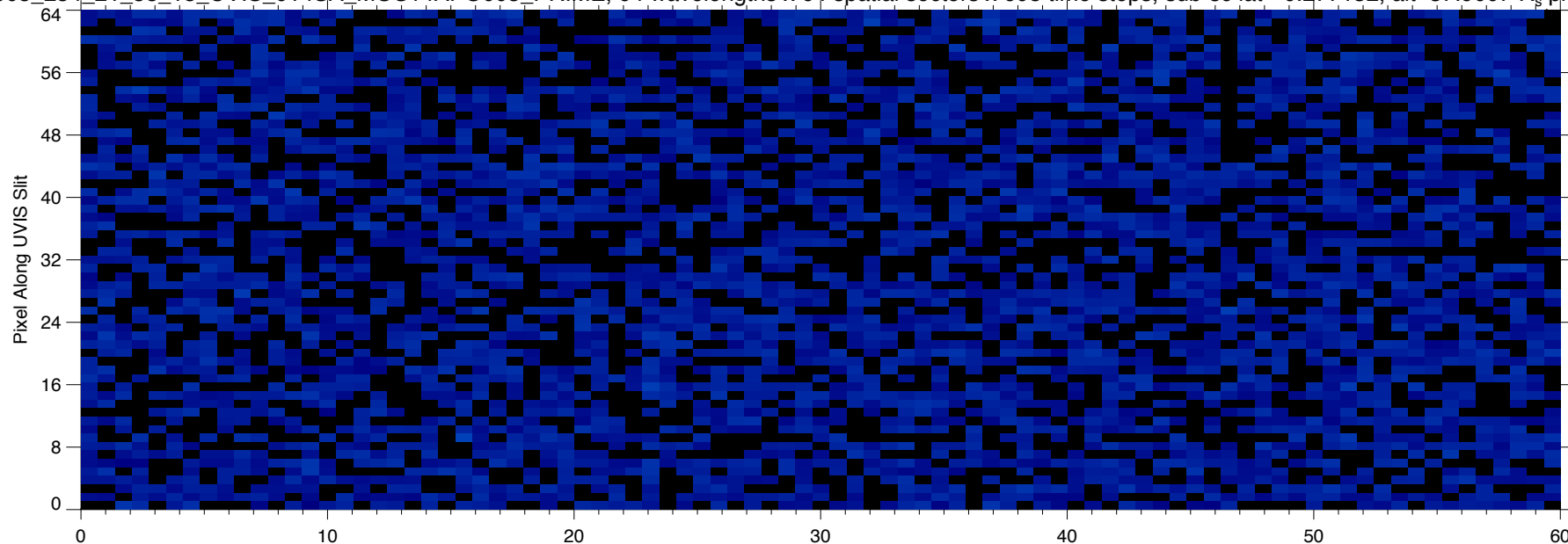
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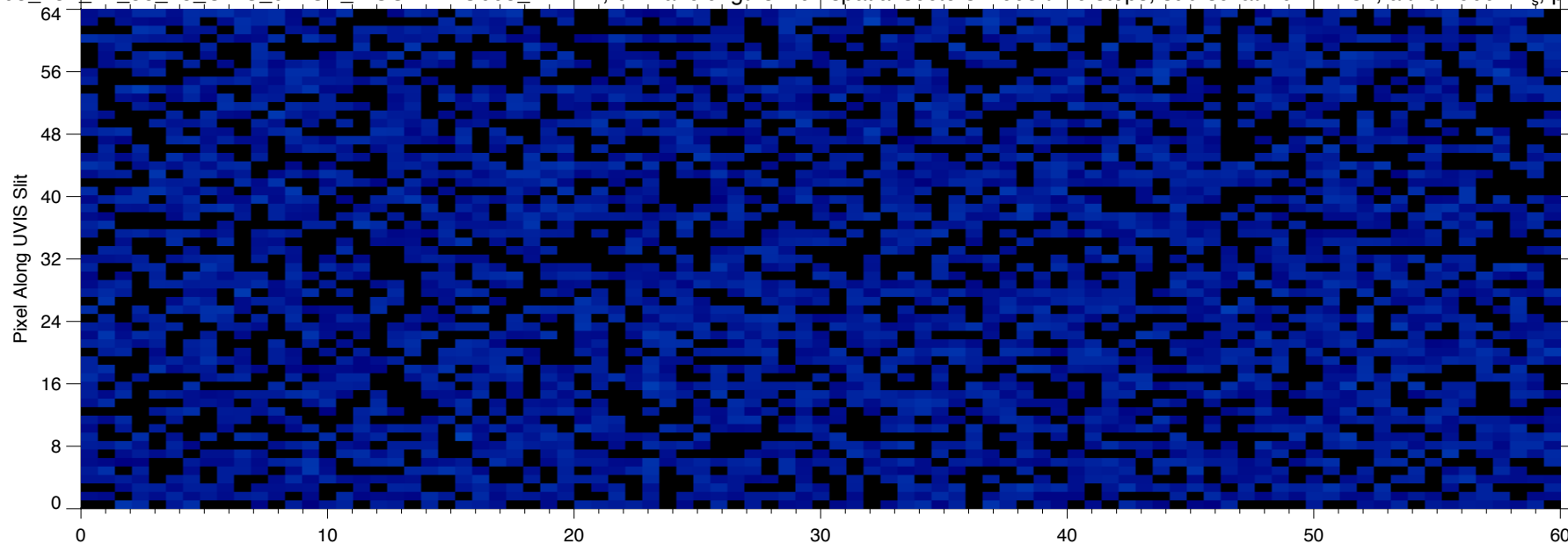
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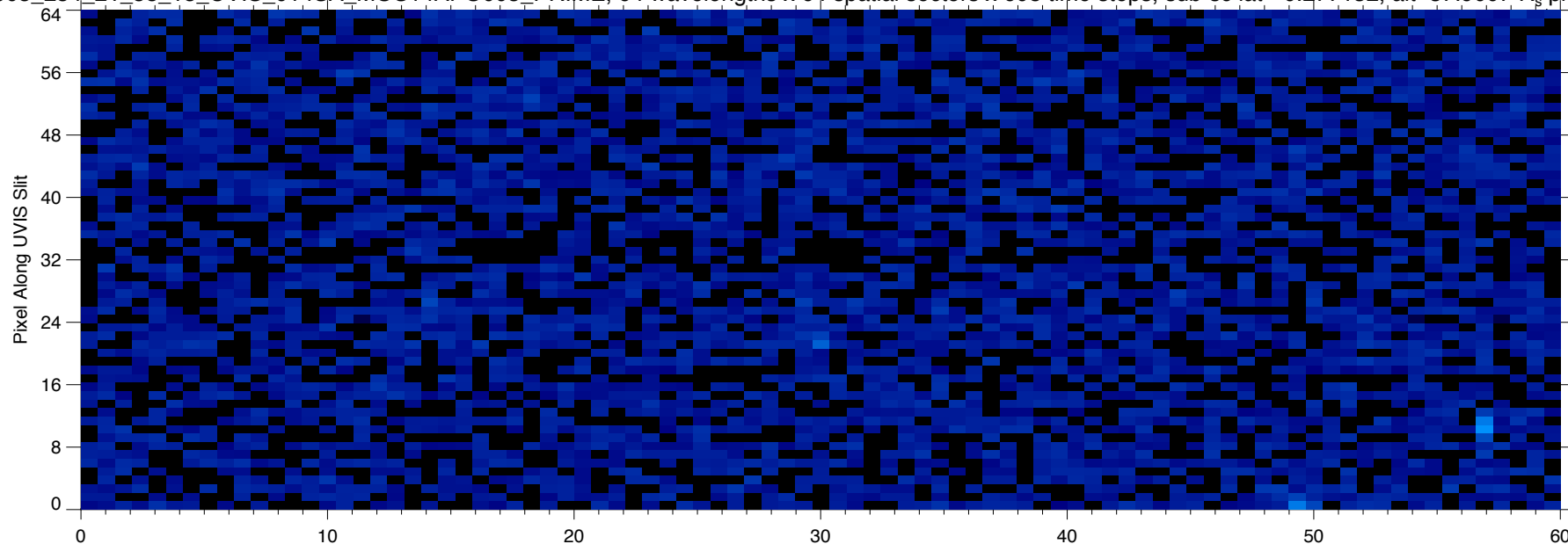
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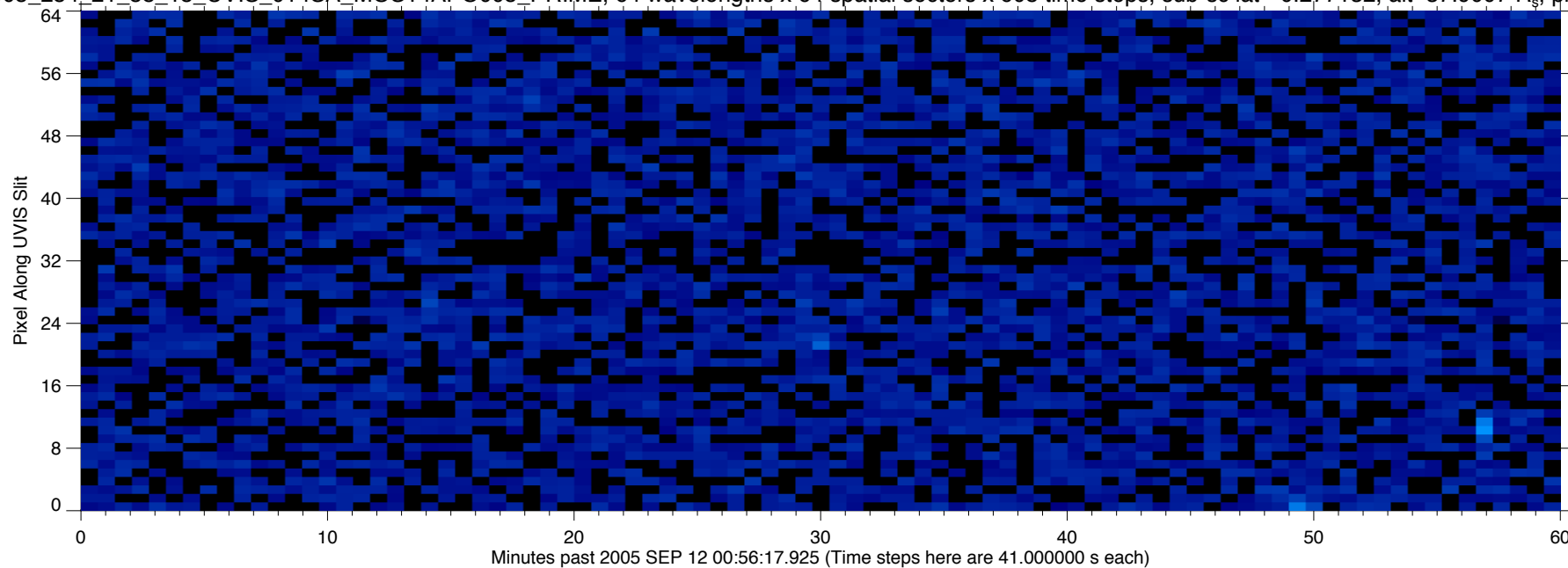
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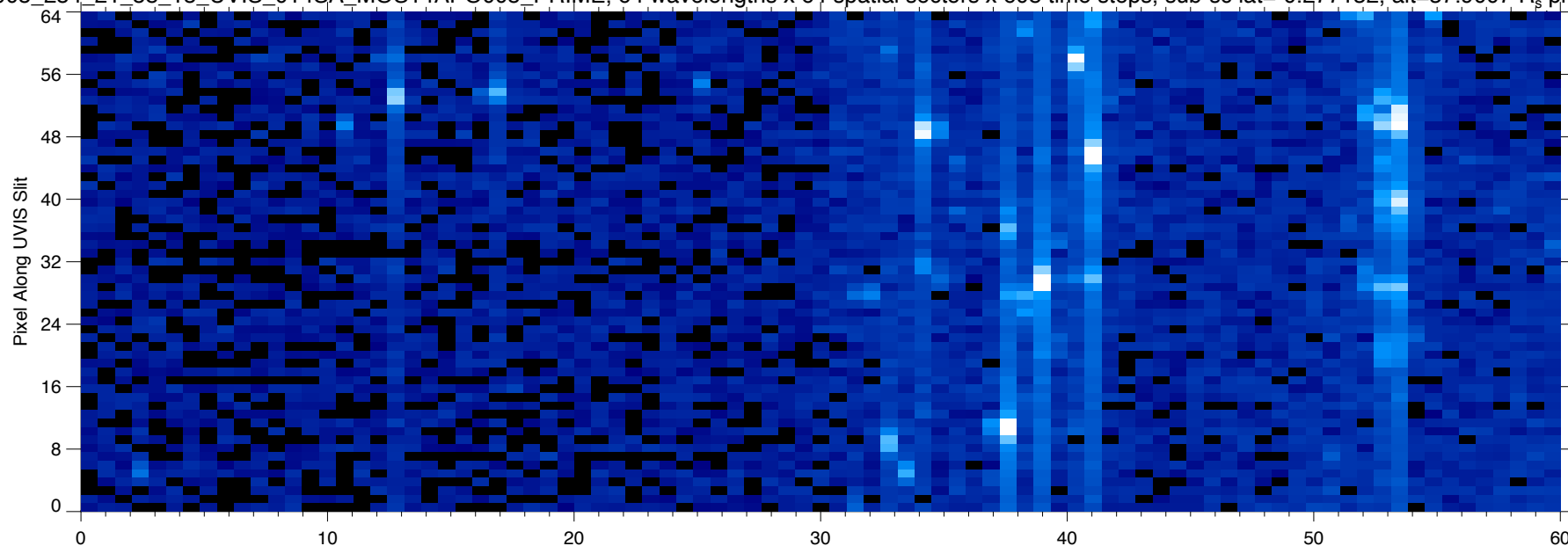
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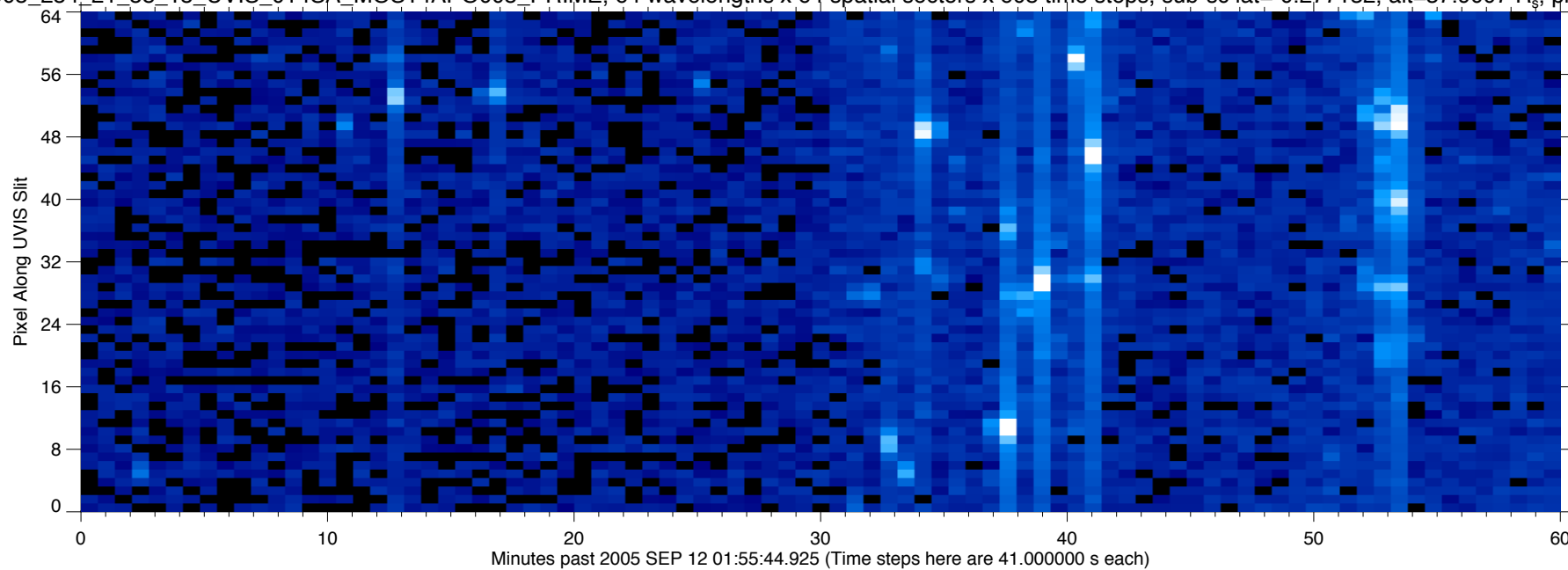
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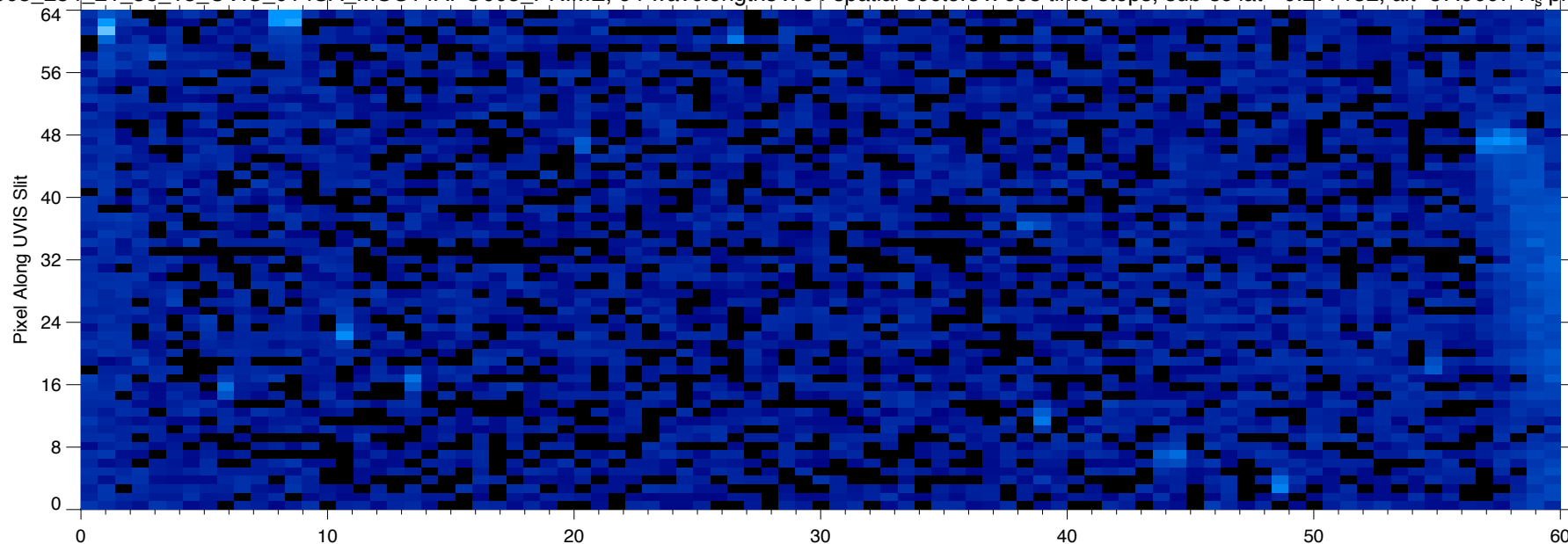
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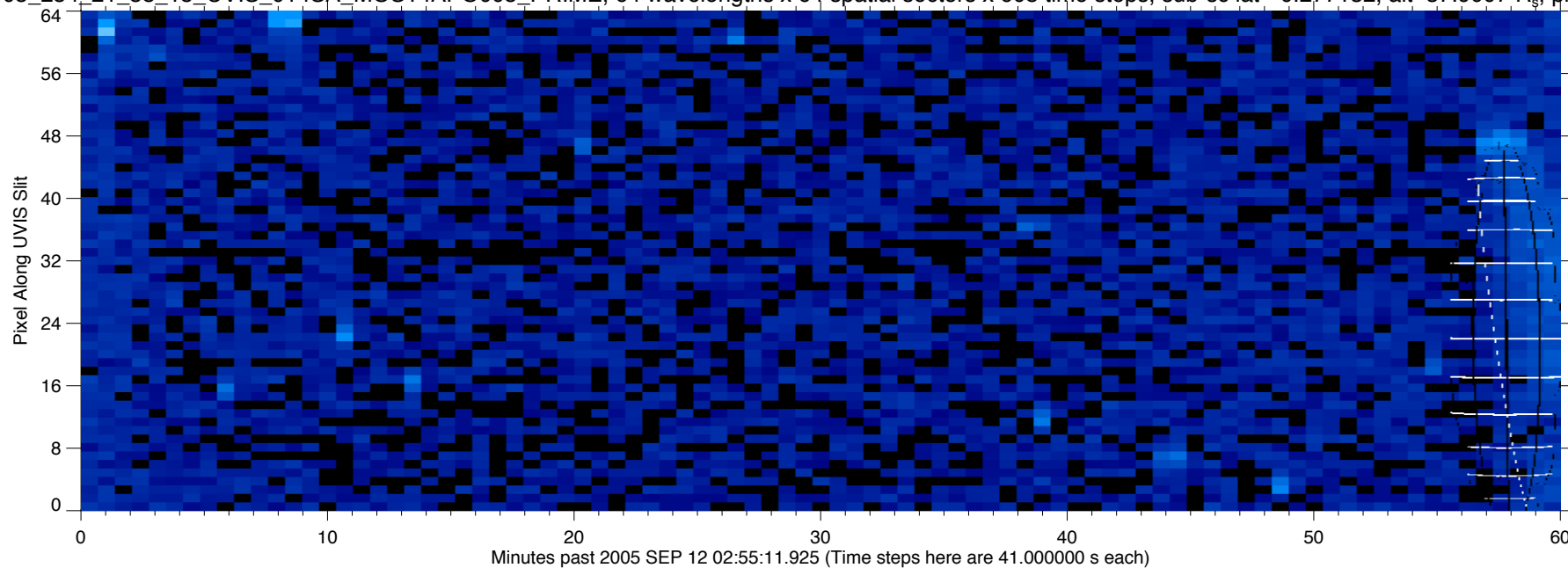
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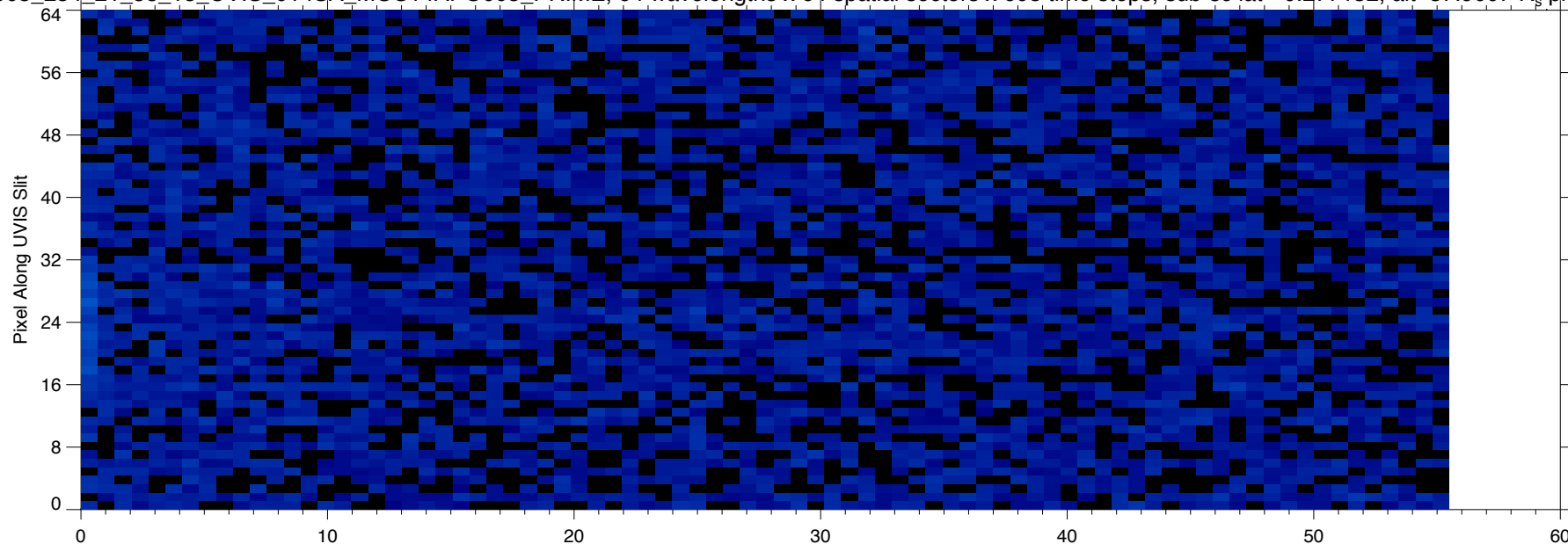
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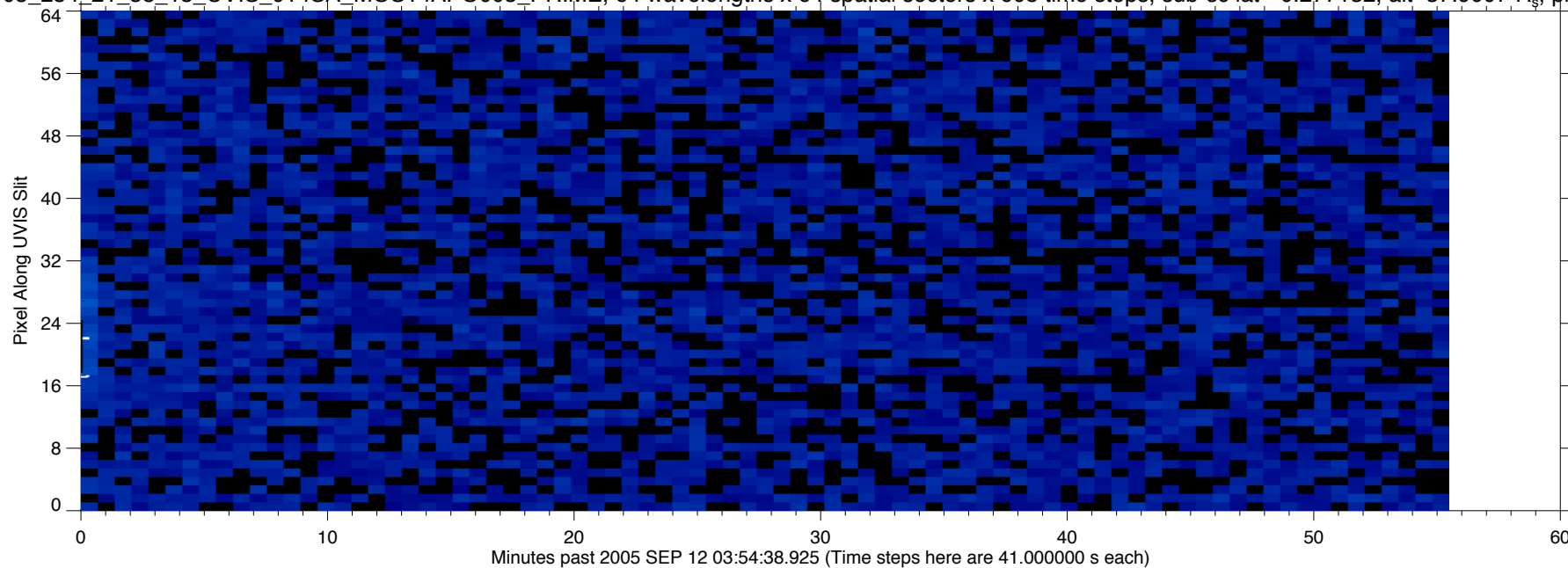
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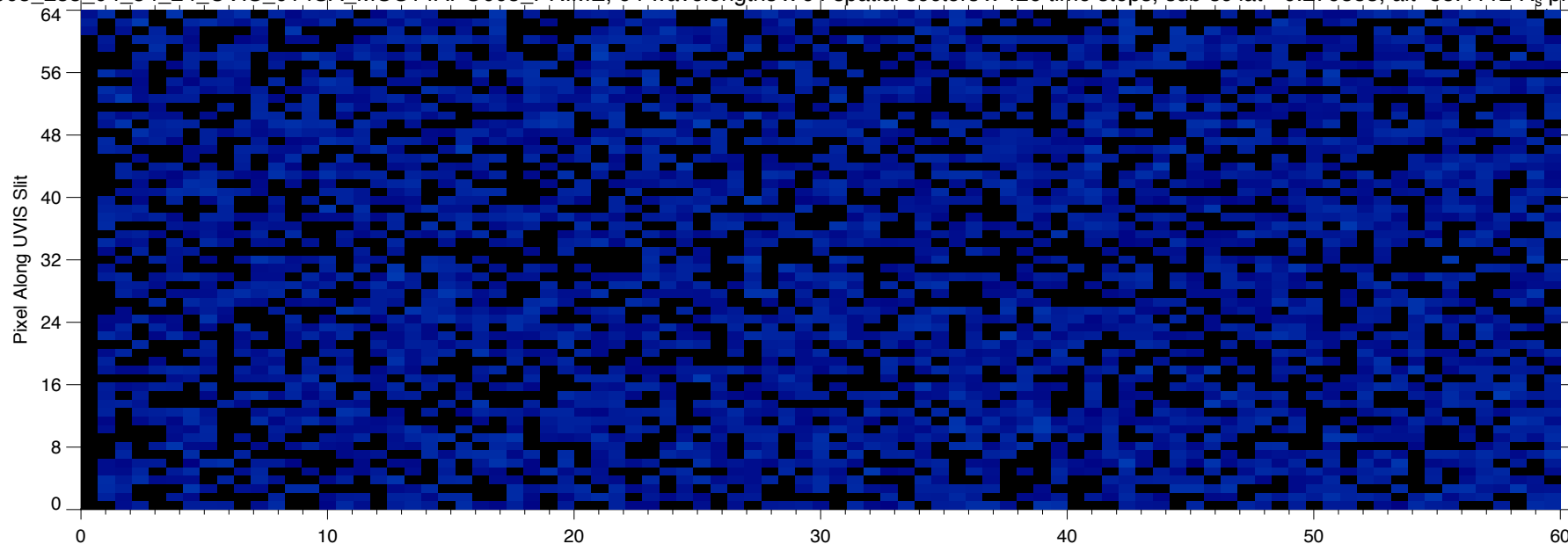
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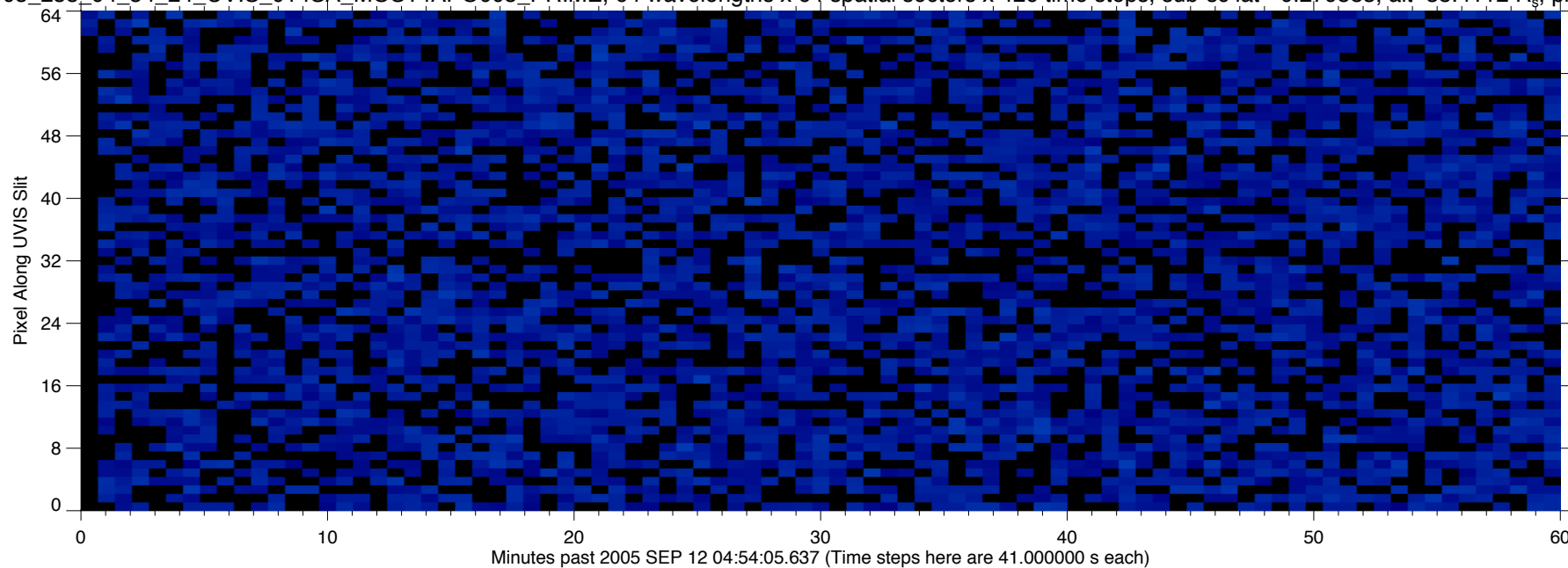
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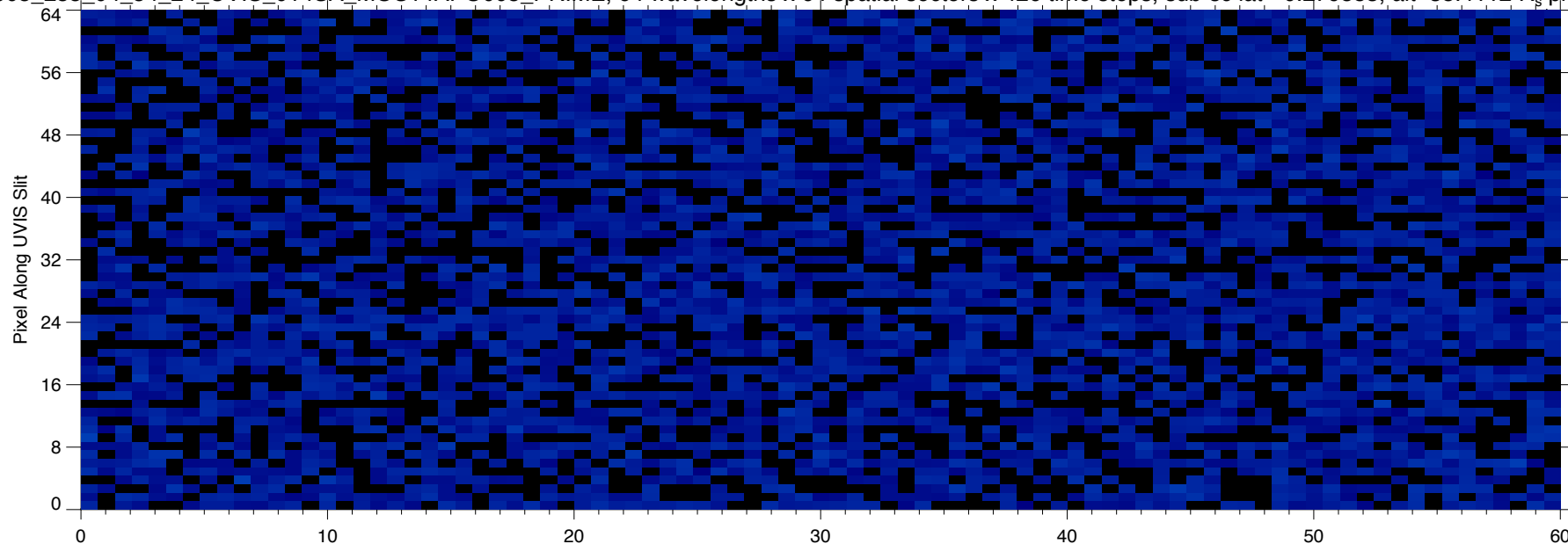
FUV2005_255_04_54_24_UVIS_014SA_MOS14APO005_PRIME, 64 wavelengths x 64 spatial sectors x 426 time steps, sub-sc lat=-0.279583, alt=38.4112 R_s, phase=80.3807



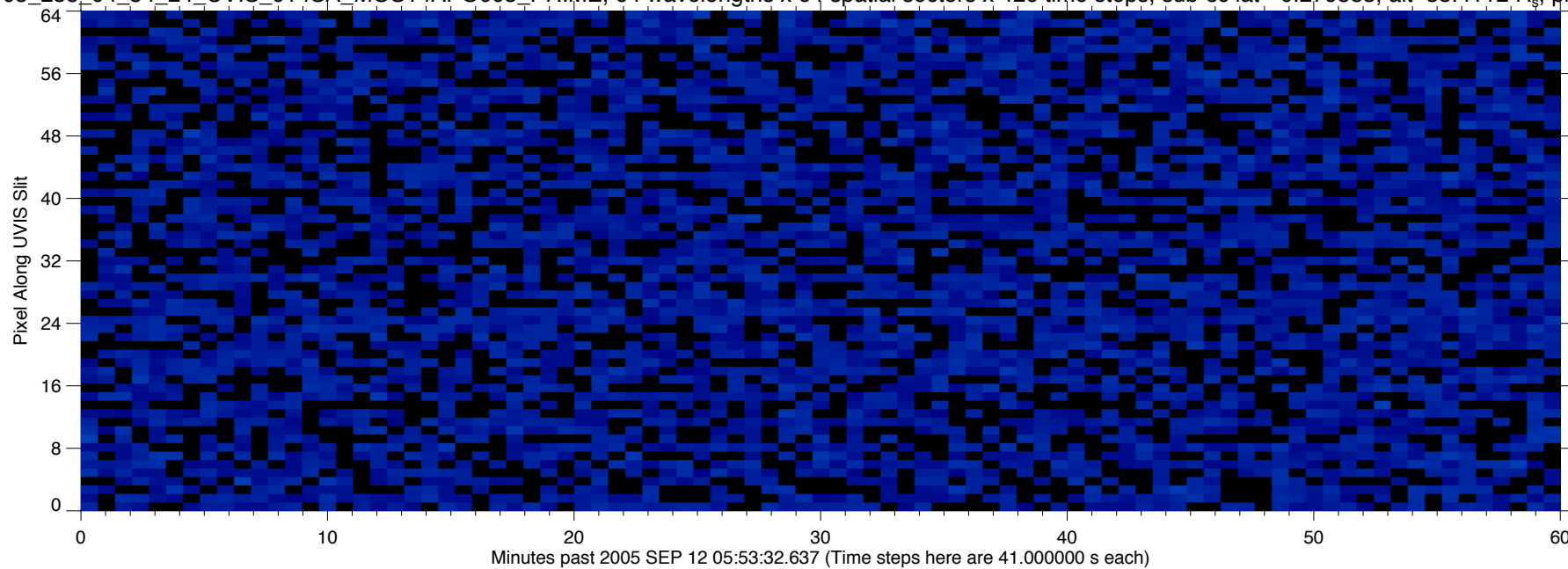
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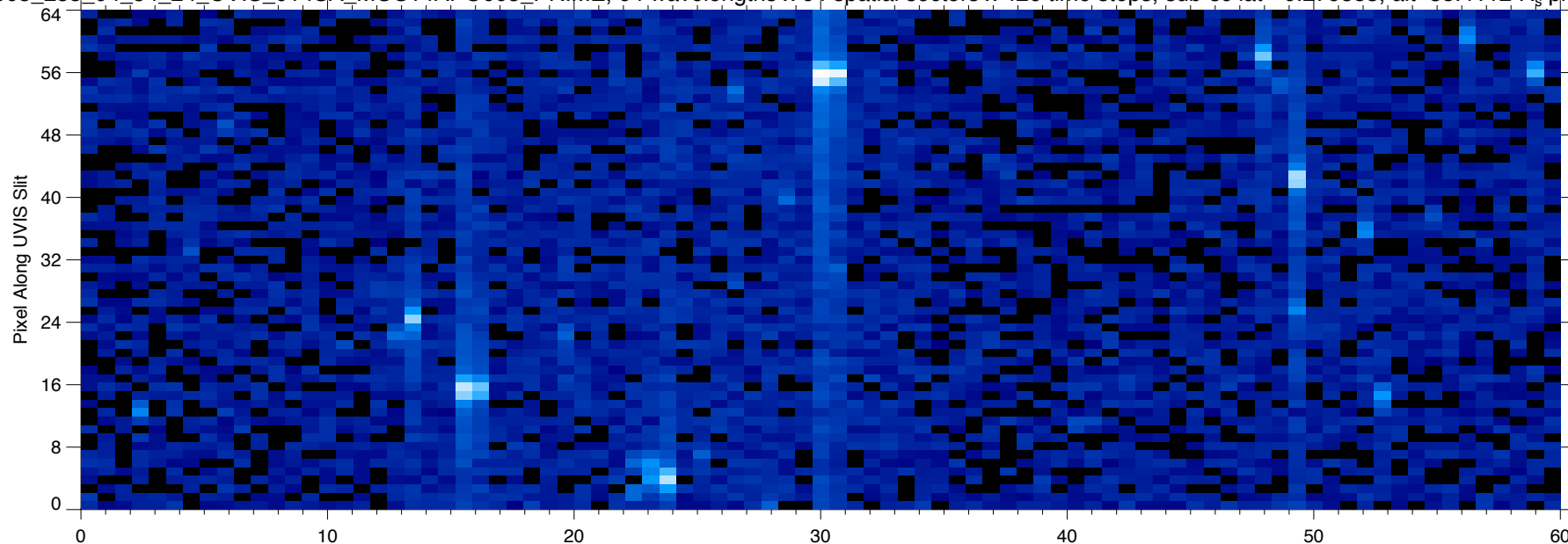
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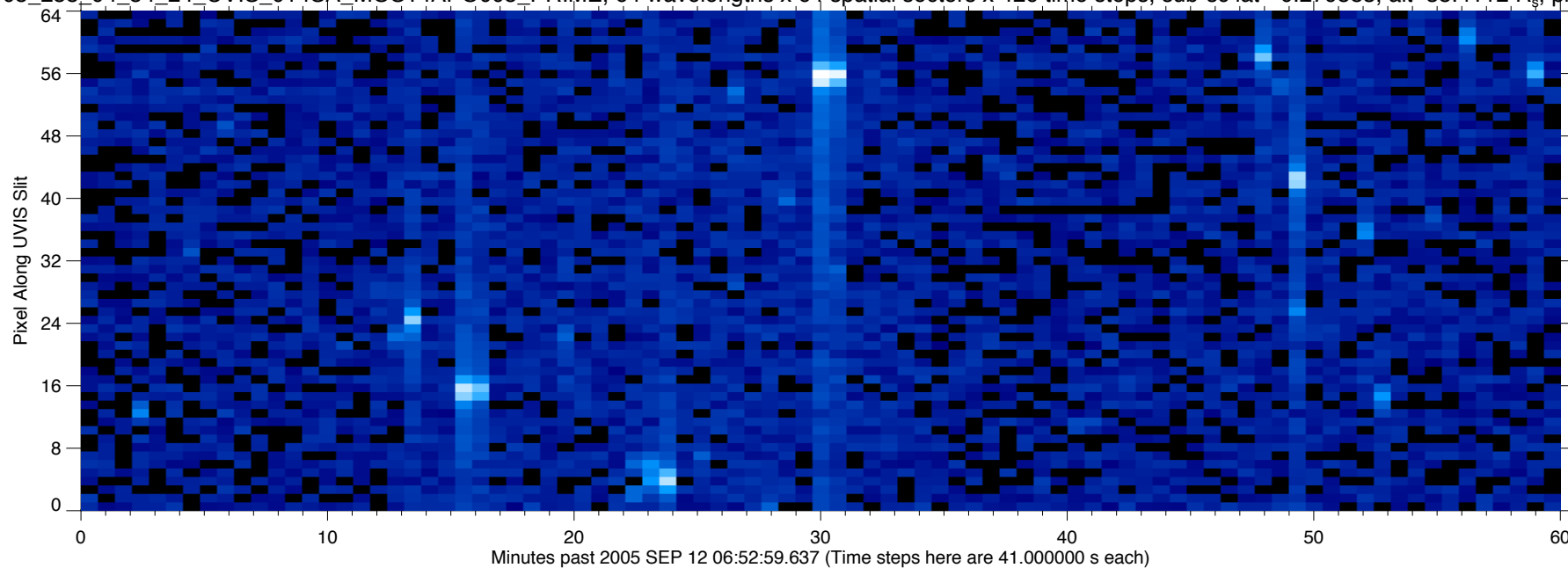
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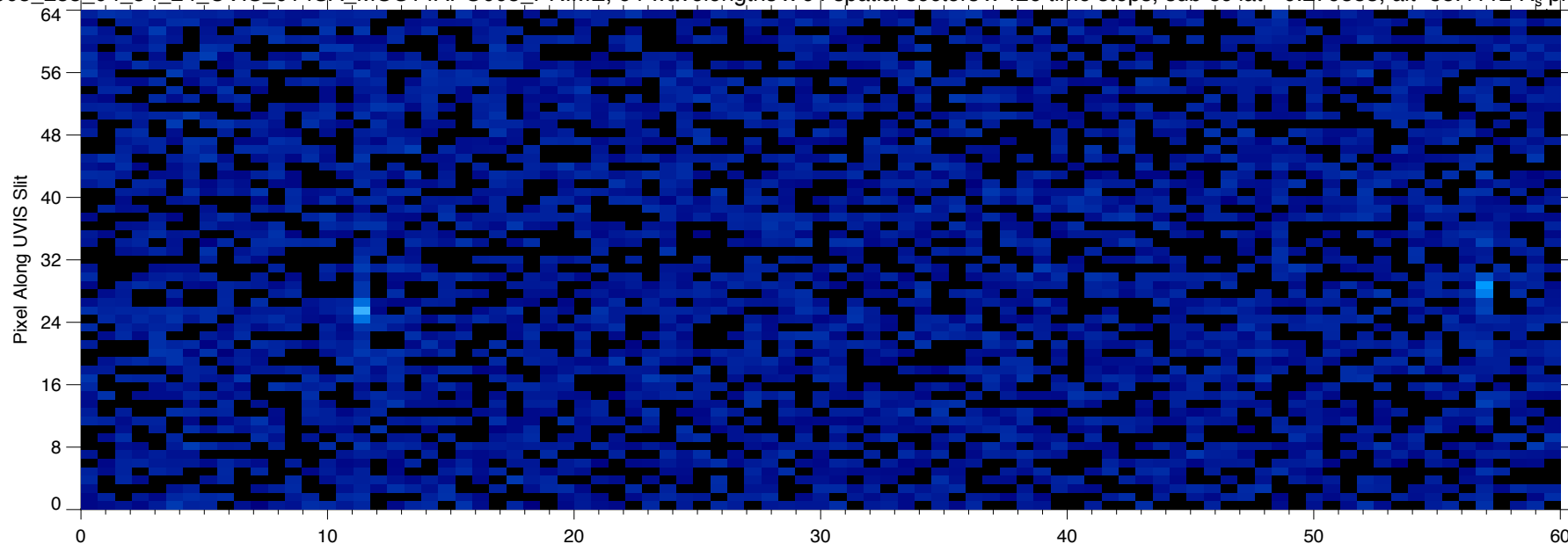
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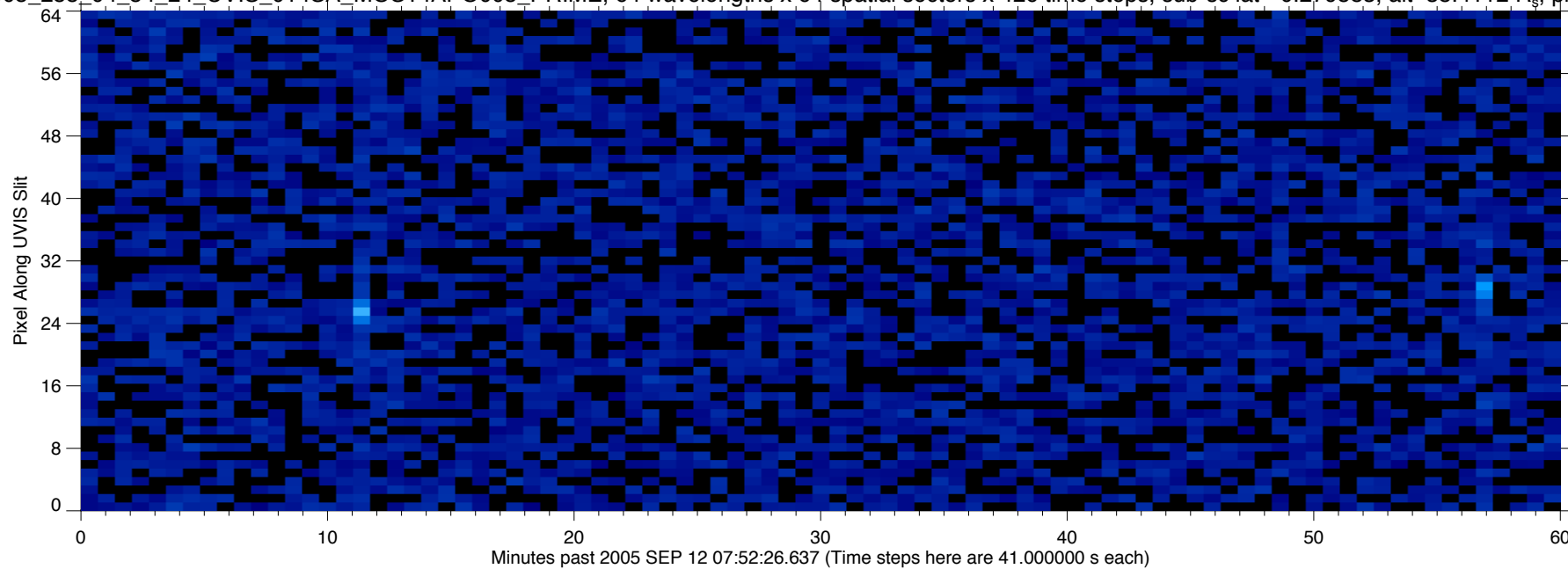
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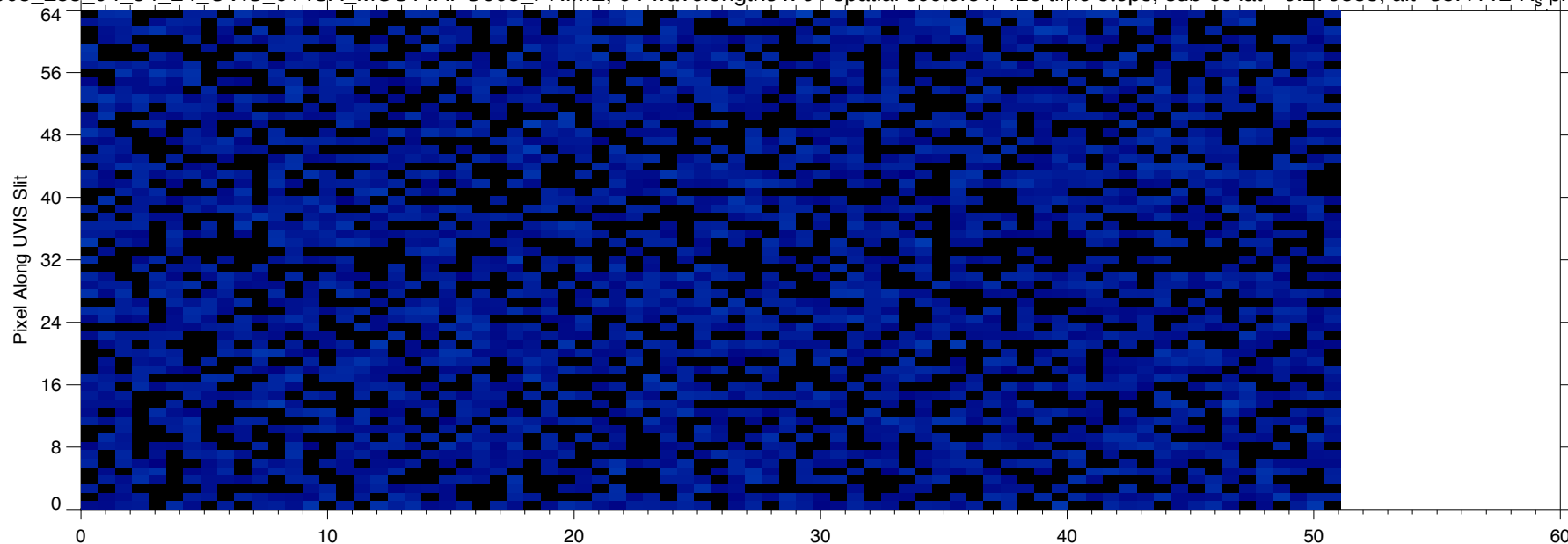
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FUV2005_255_04_54_24_UVIS_014SA_MOS14APO005_PRIME, 64 wavelengths x 64 spatial sectors x 426 time steps, sub-sc lat=-0.279583, alt=38.4112 R_s phase=80.3807

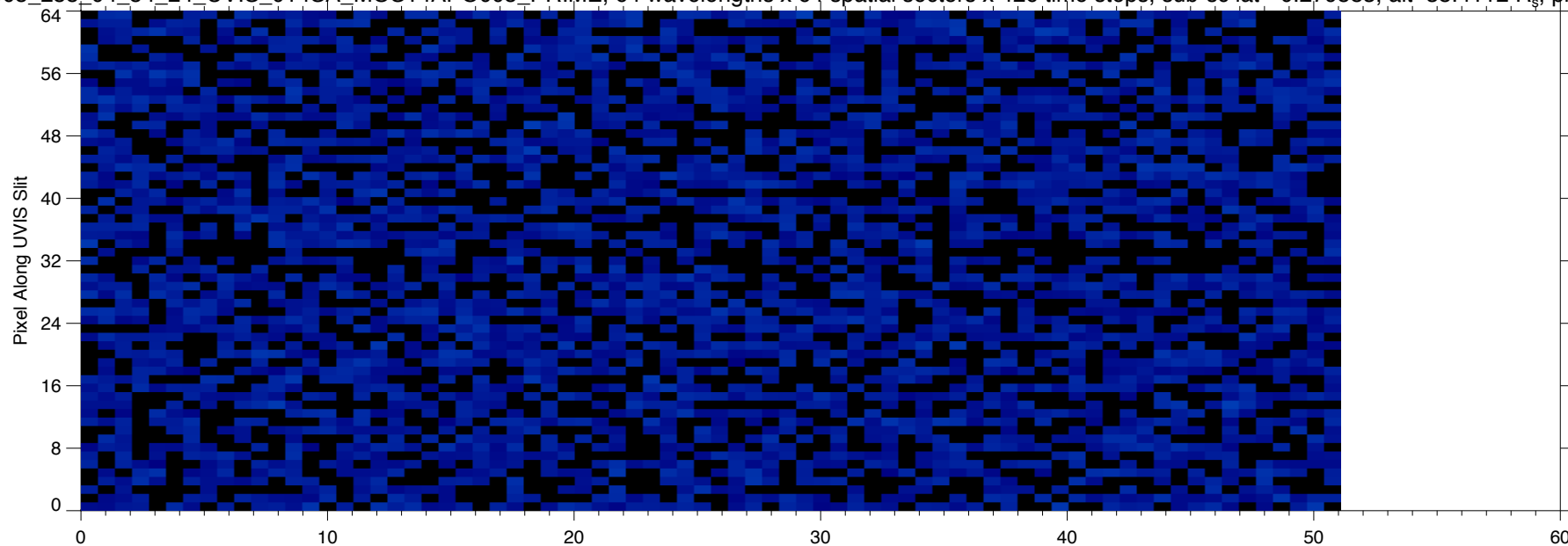


FUV2005_255_04_54_24_UVIS_014SA_MOS14APO005_PRIME, 64 wavelengths x 64 spatial sectors x 426 time steps, sub-sc lat=-0.279583, alt=38.4112 R_s, phase=80.3807



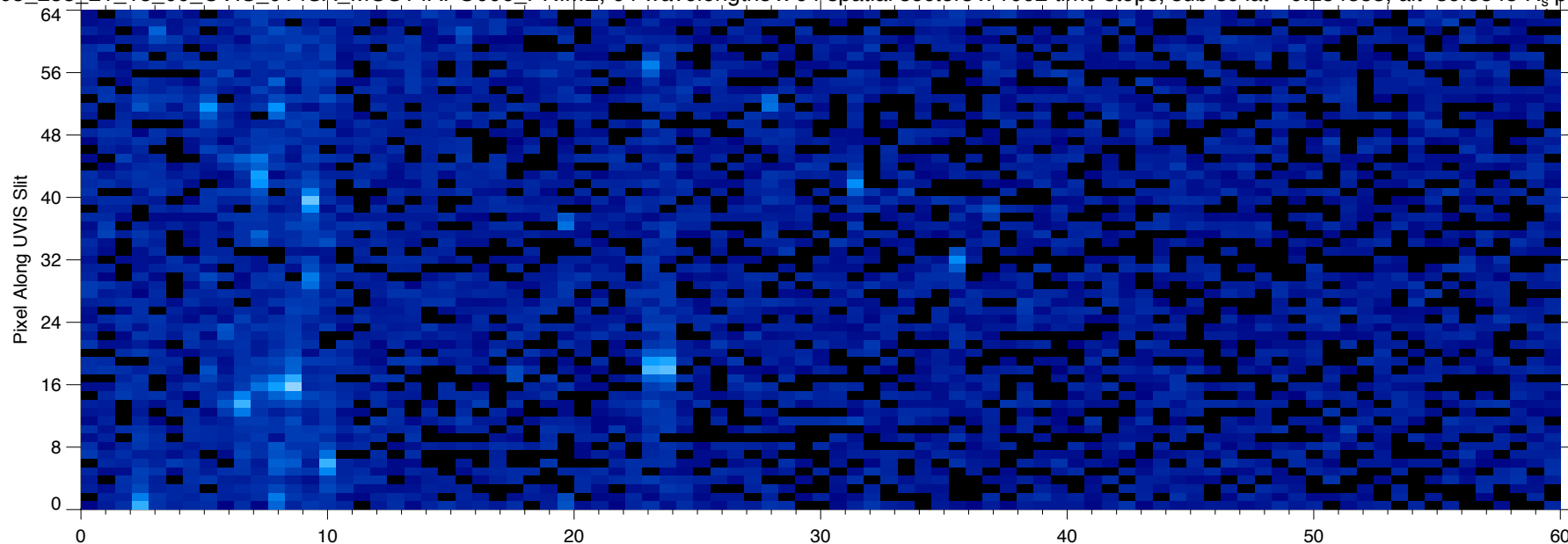
Minutes past 2005 SEP 12 08:51:53.637 (Time steps here are 41.000000 s each)

FUV2005_255_04_54_24_UVIS_014SA_MOS14APO005_PRIME, 64 wavelengths x 64 spatial sectors x 426 time steps, sub-sc lat=-0.279583, alt=38.4112 R_s, phase=80.3807

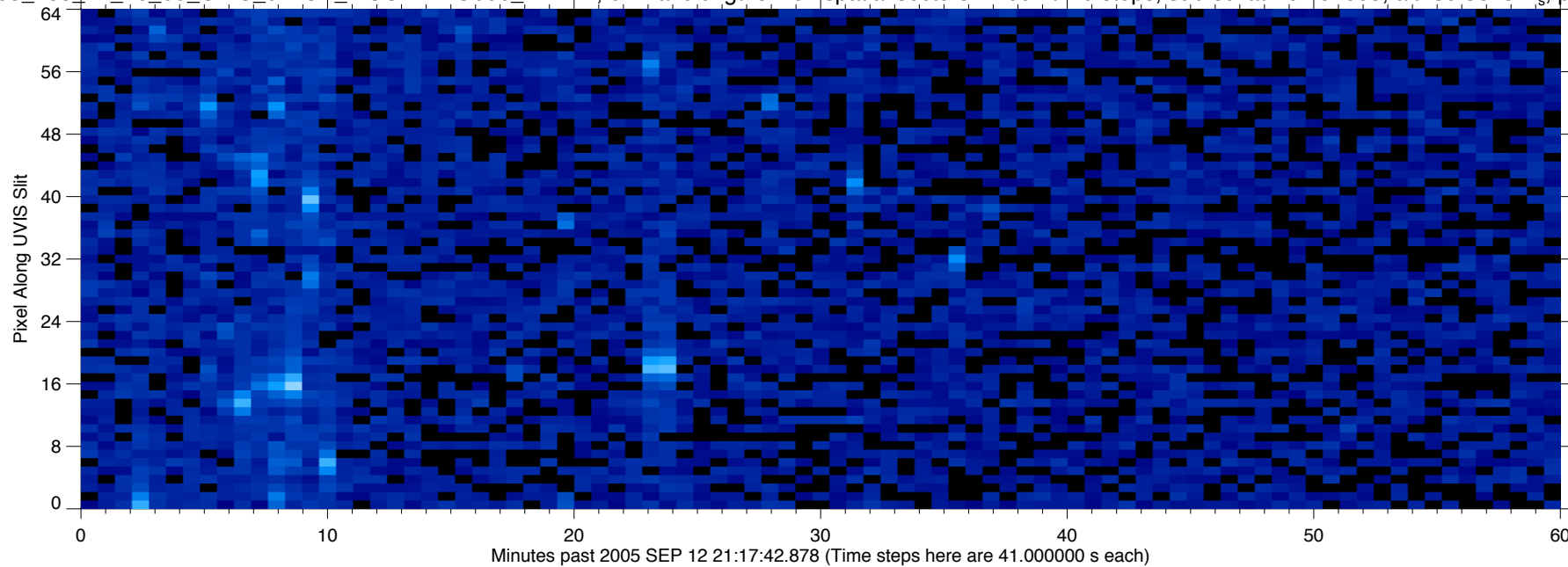


Minutes past 2005 SEP 12 08:51:53.637 (Time steps here are 41.000000 s each)

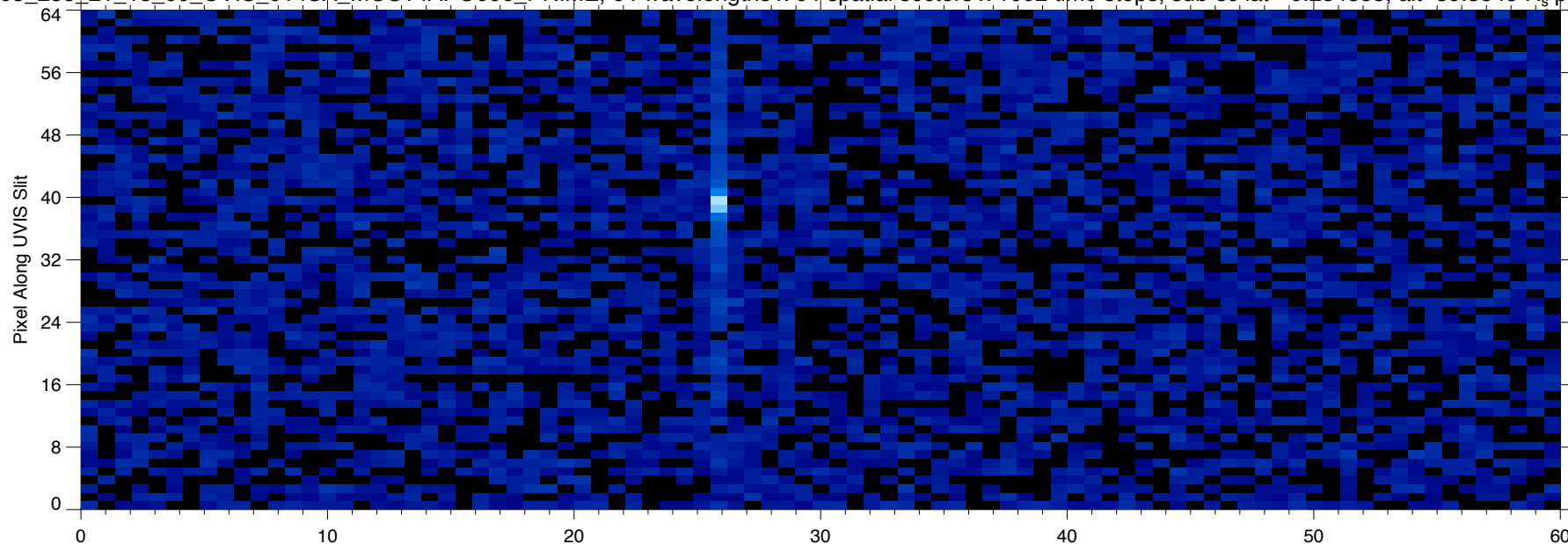
FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s, phase=78.4270



FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s, phase=78.4270

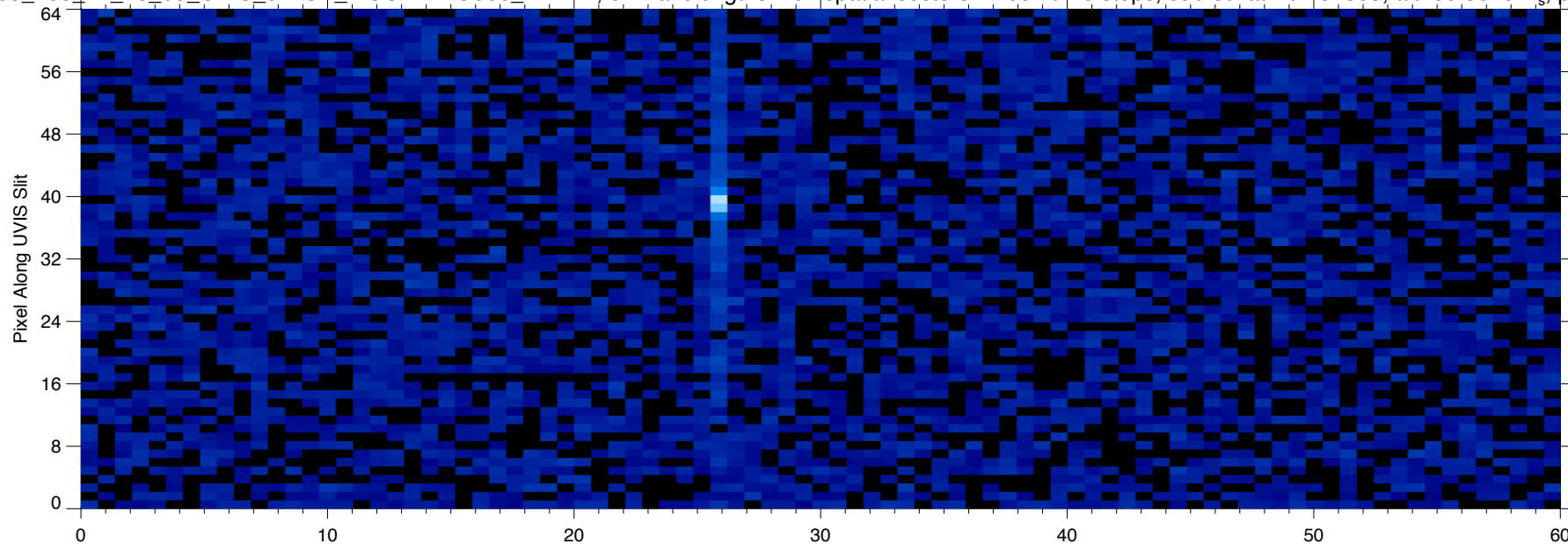


FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s, phase=78.4270



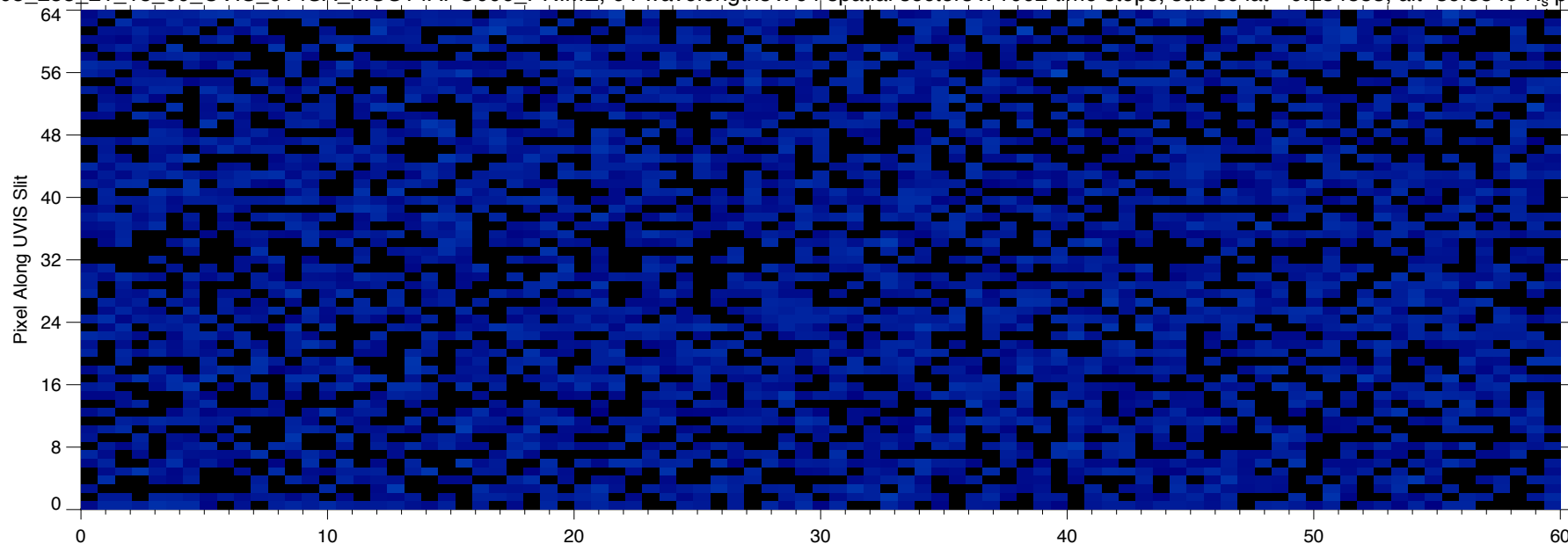
Minutes past 2005 SEP 12 22:17:09.878 (Time steps here are 41.000000 s each)

FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s, phase=78.4270

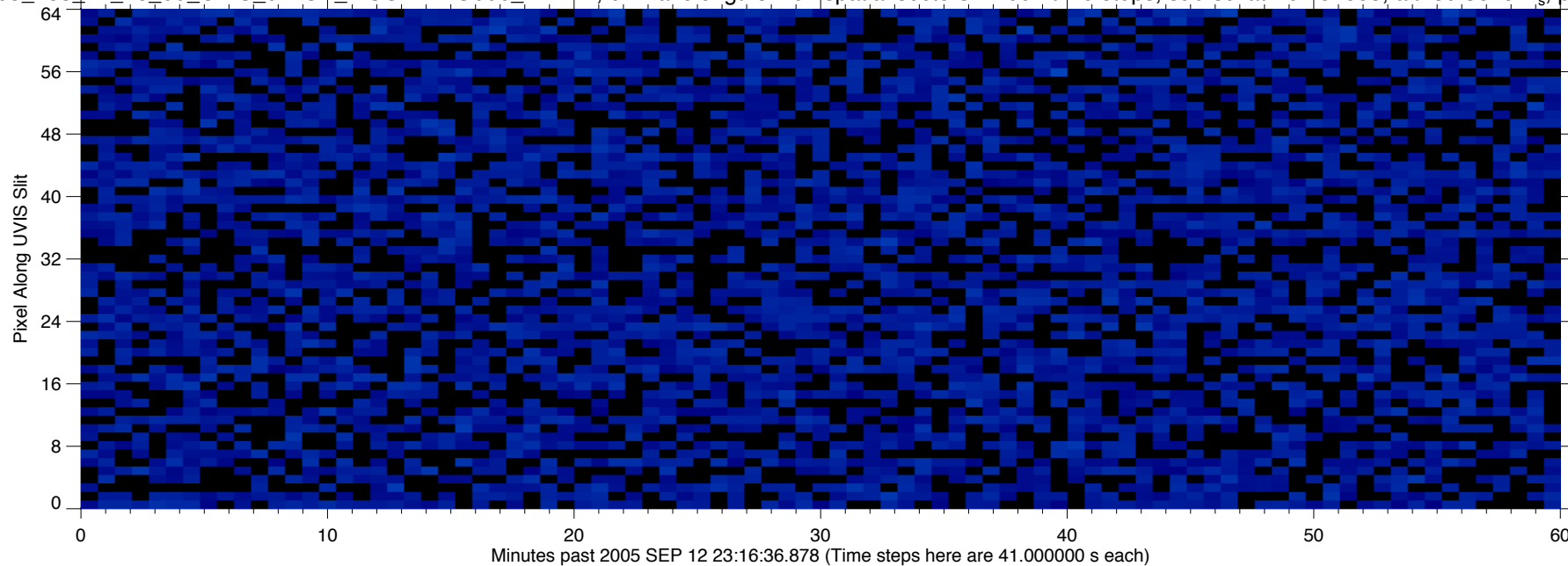


Minutes past 2005 SEP 12 22:17:09.878 (Time steps here are 41.000000 s each)

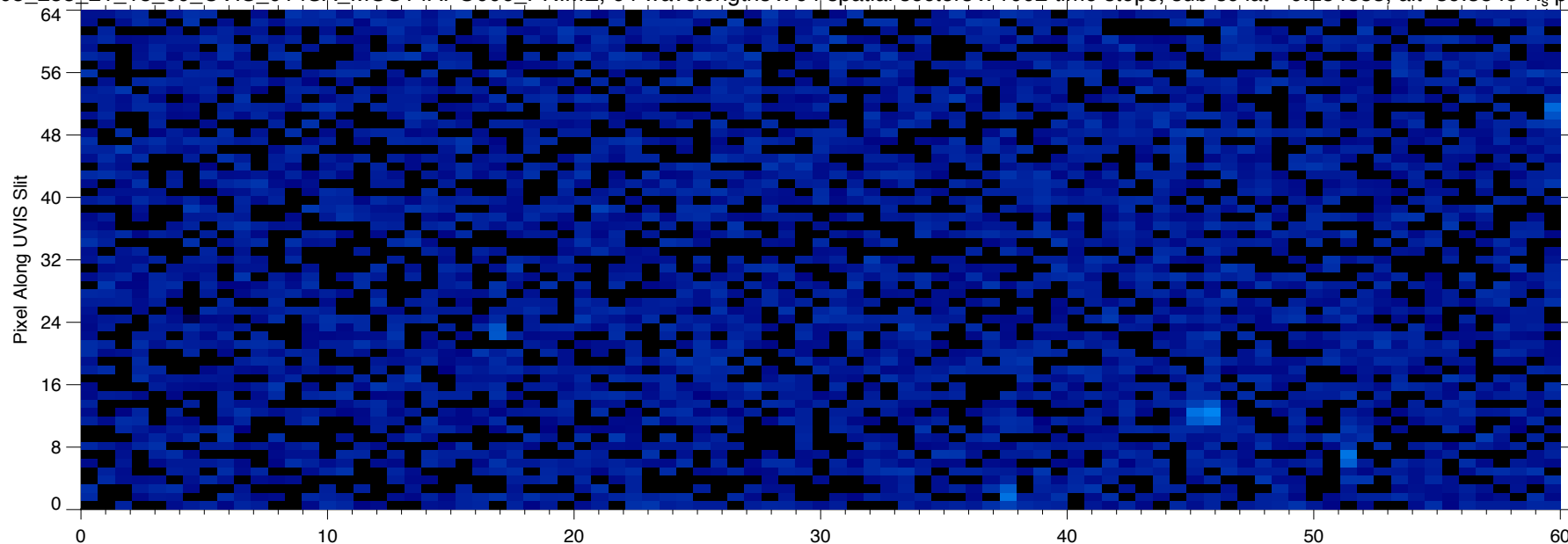
FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s, phase=78.4270



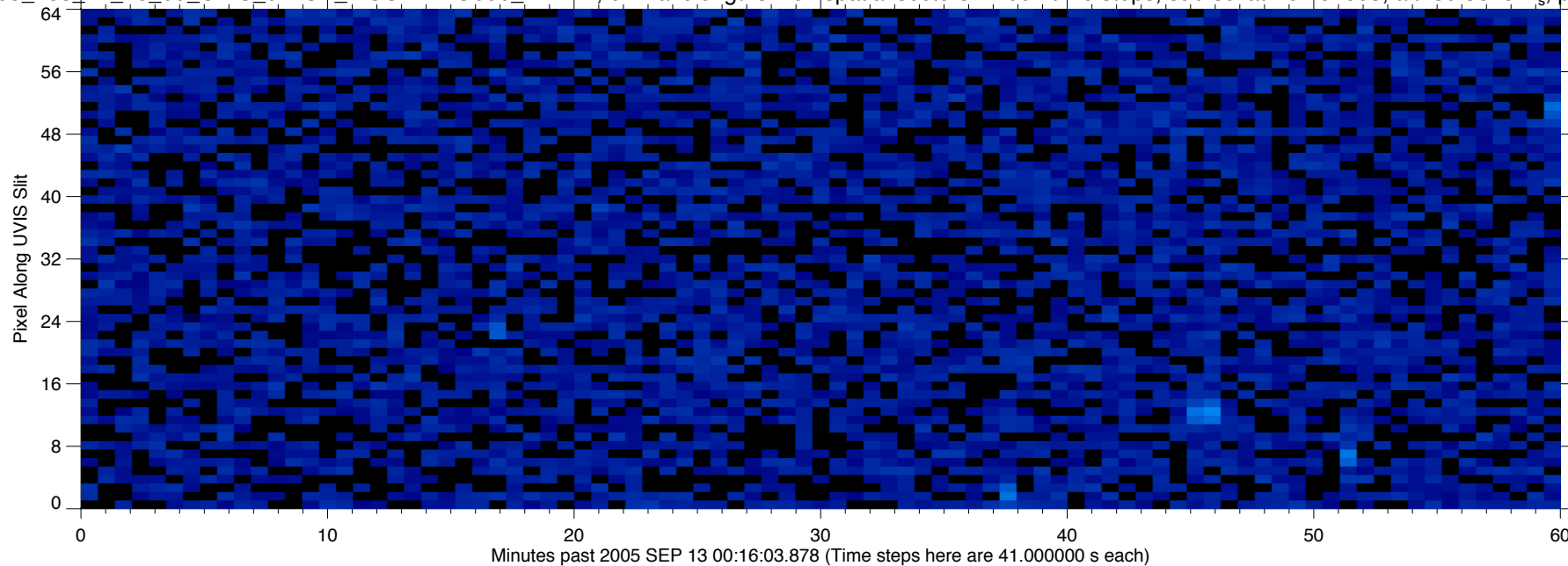
FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s, phase=78.4270



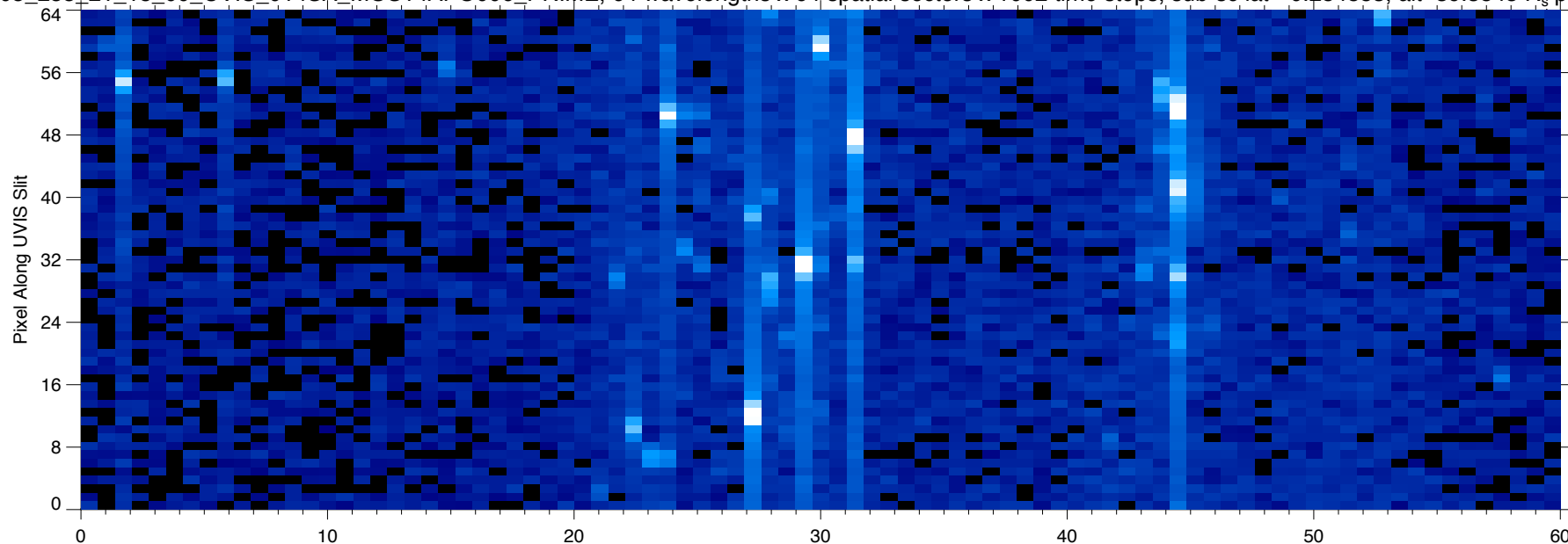
FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s phase=78.4270



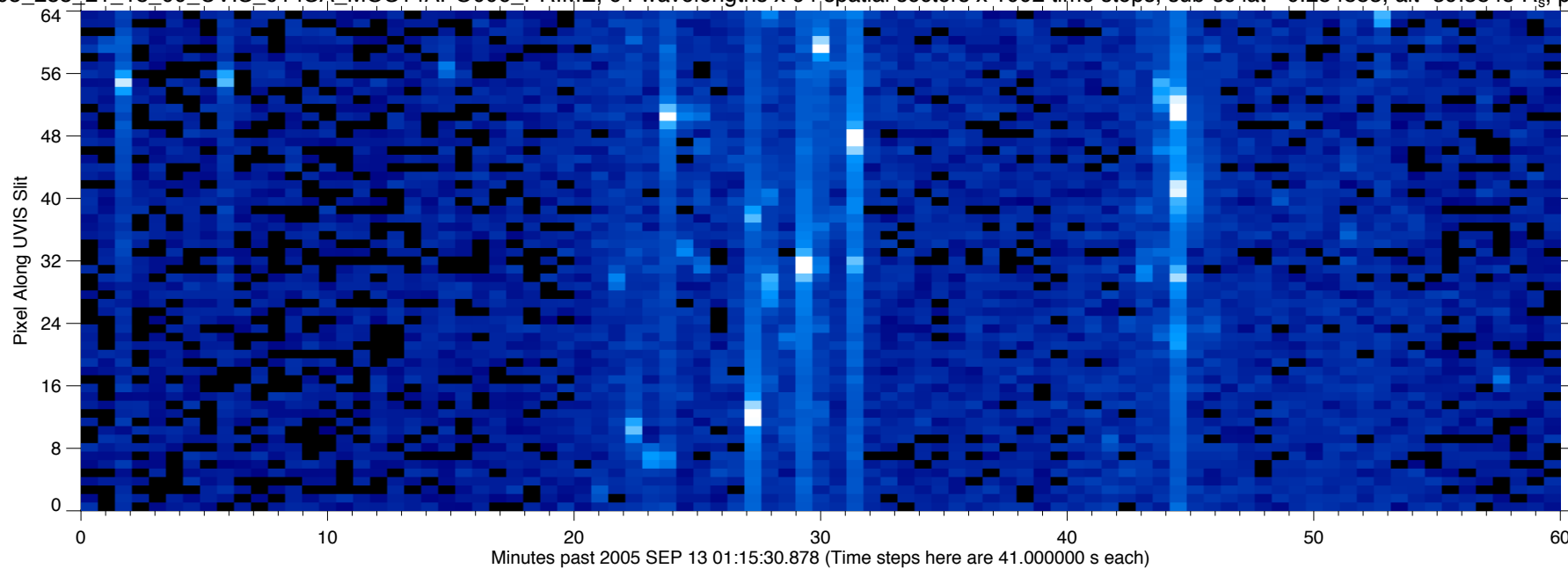
FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s phase=78.4270



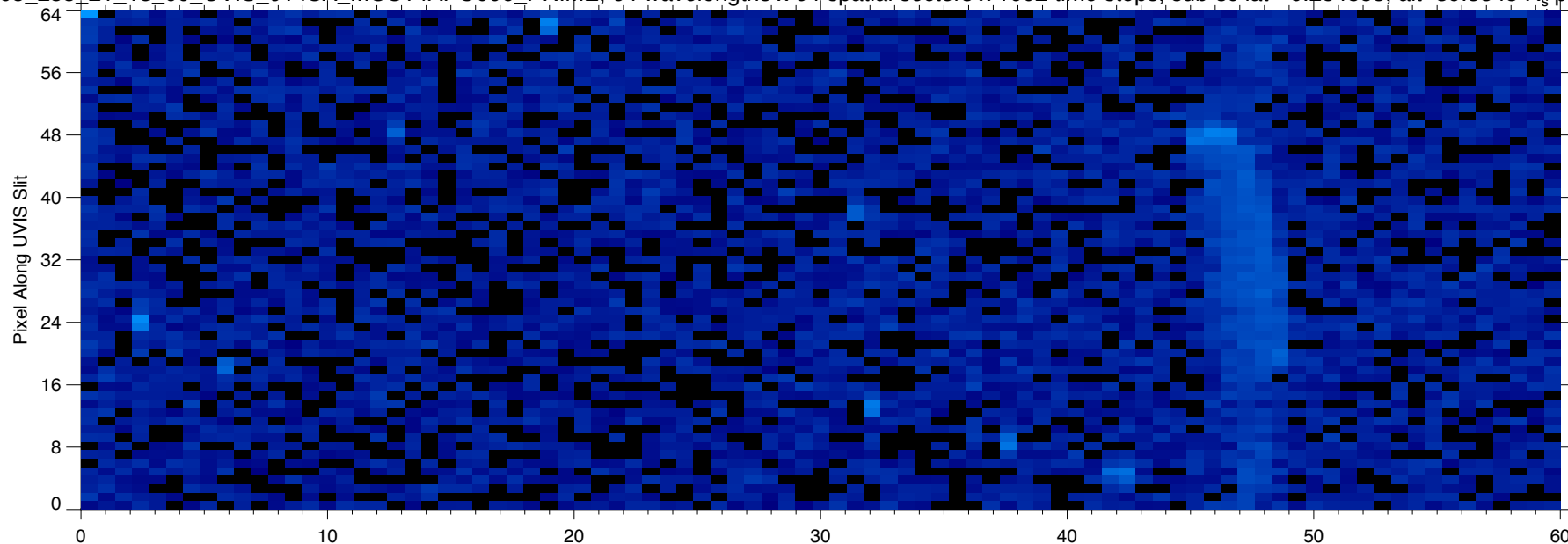
FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s phase=78.4270



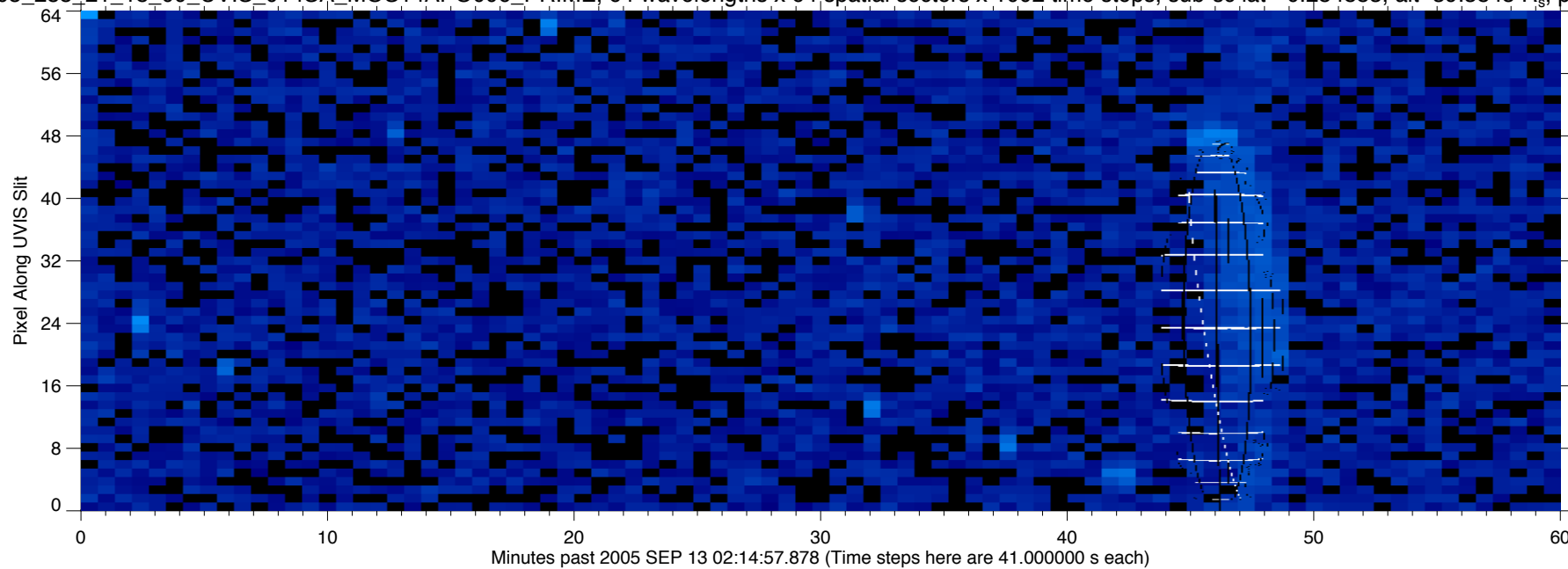
FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s phase=78.4270



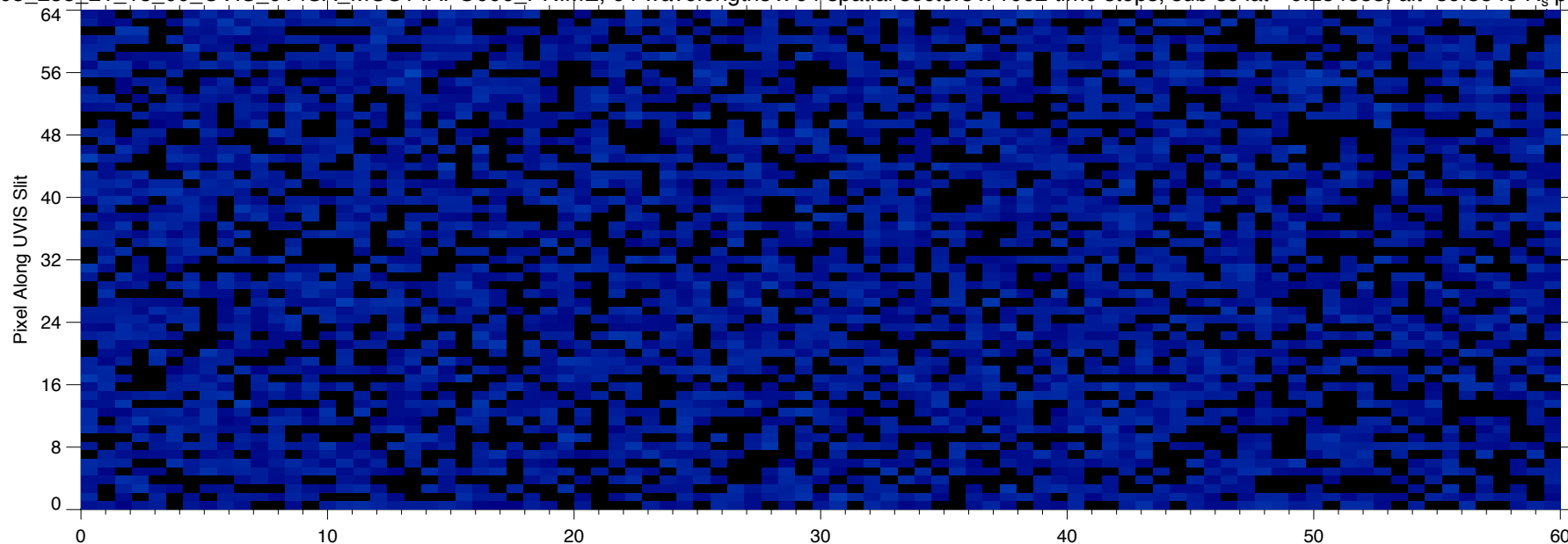
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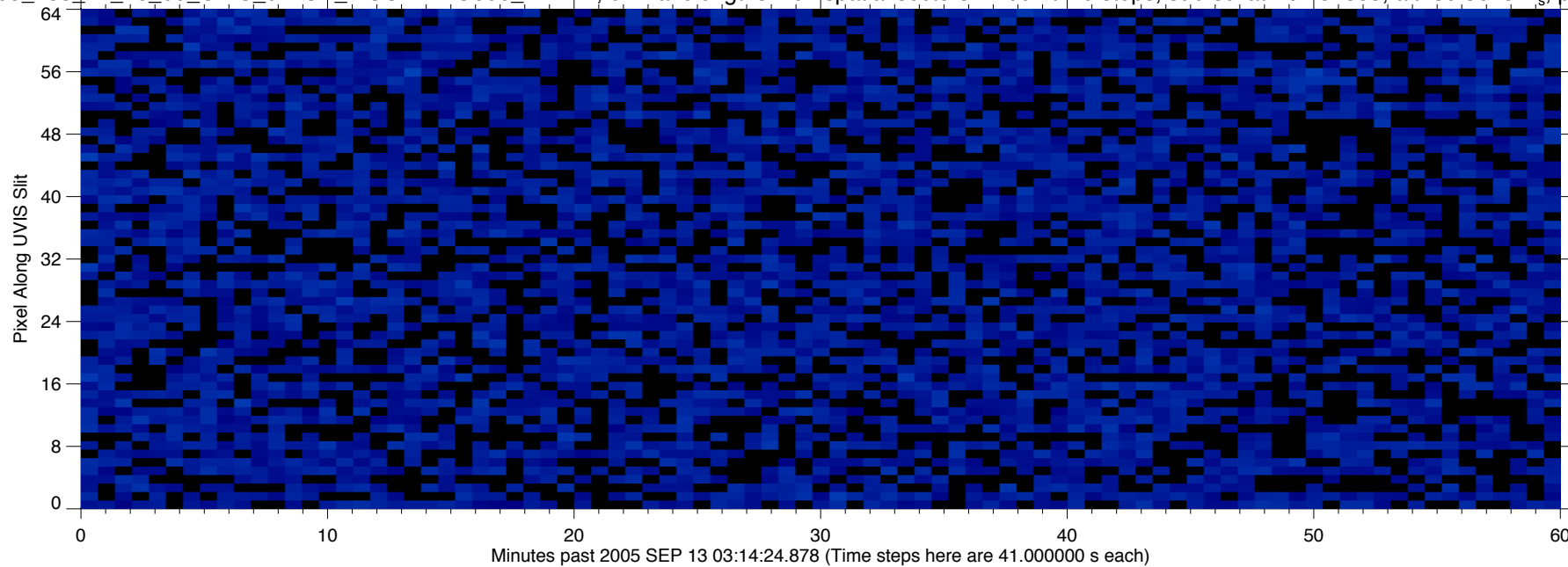
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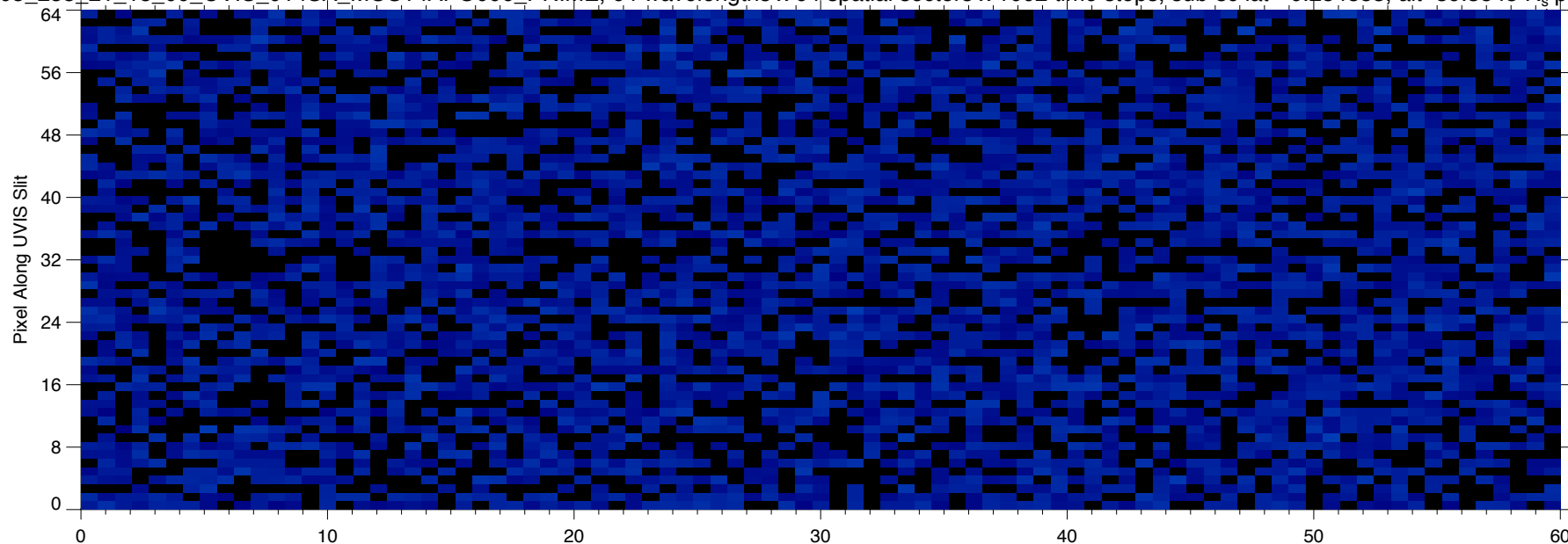
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FUV2005_255_21_18_00_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 1002 time steps, sub-sc lat=-0.284883, alt=39.3845 R_s, phase=78.4270

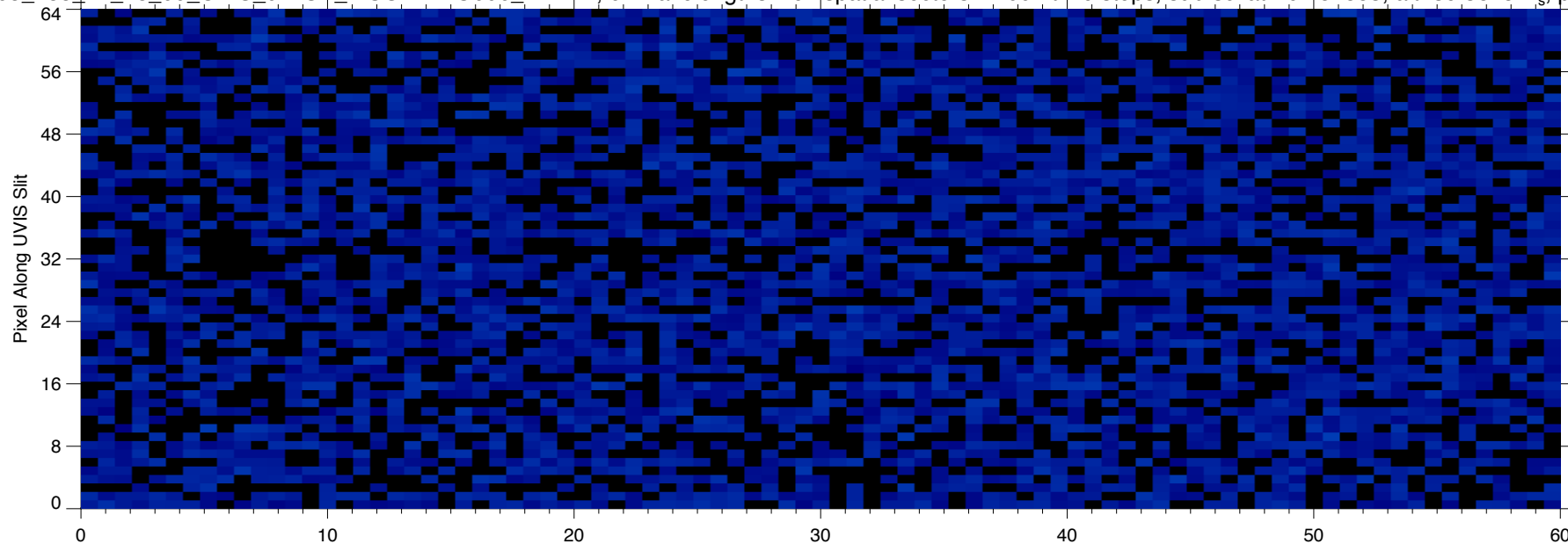


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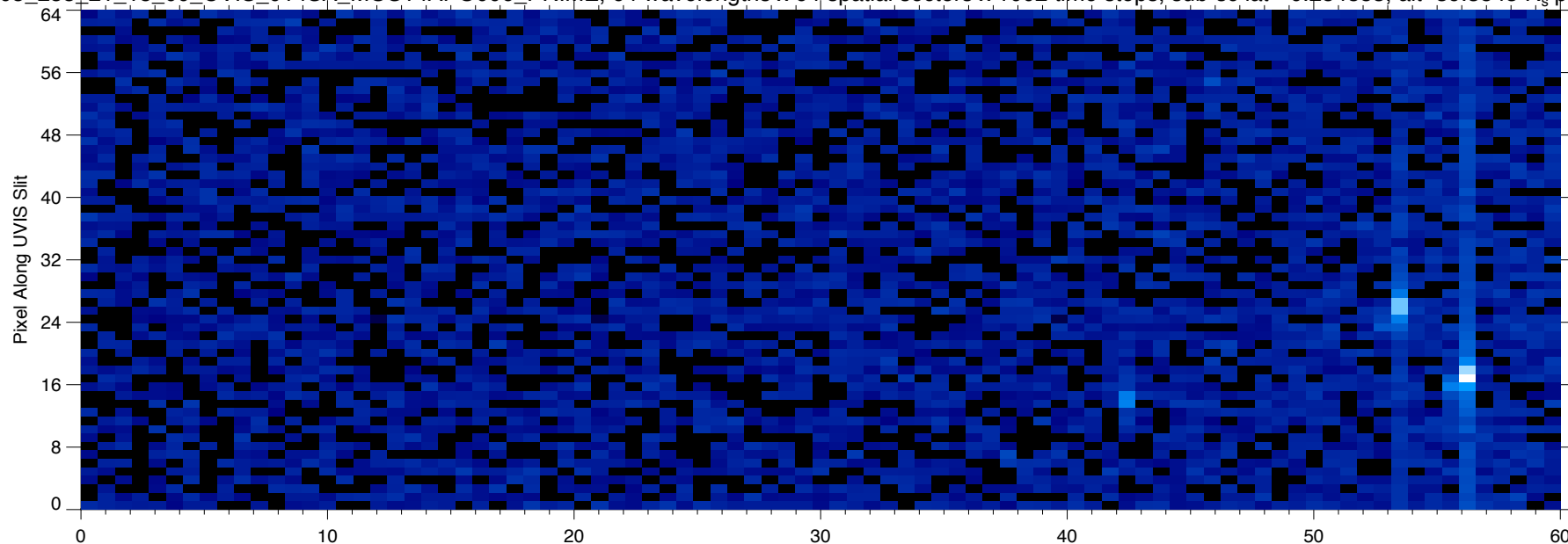
Minutes past 2005 SEP 13 04:13:51.878 (Time steps here are 41.000000 s each)

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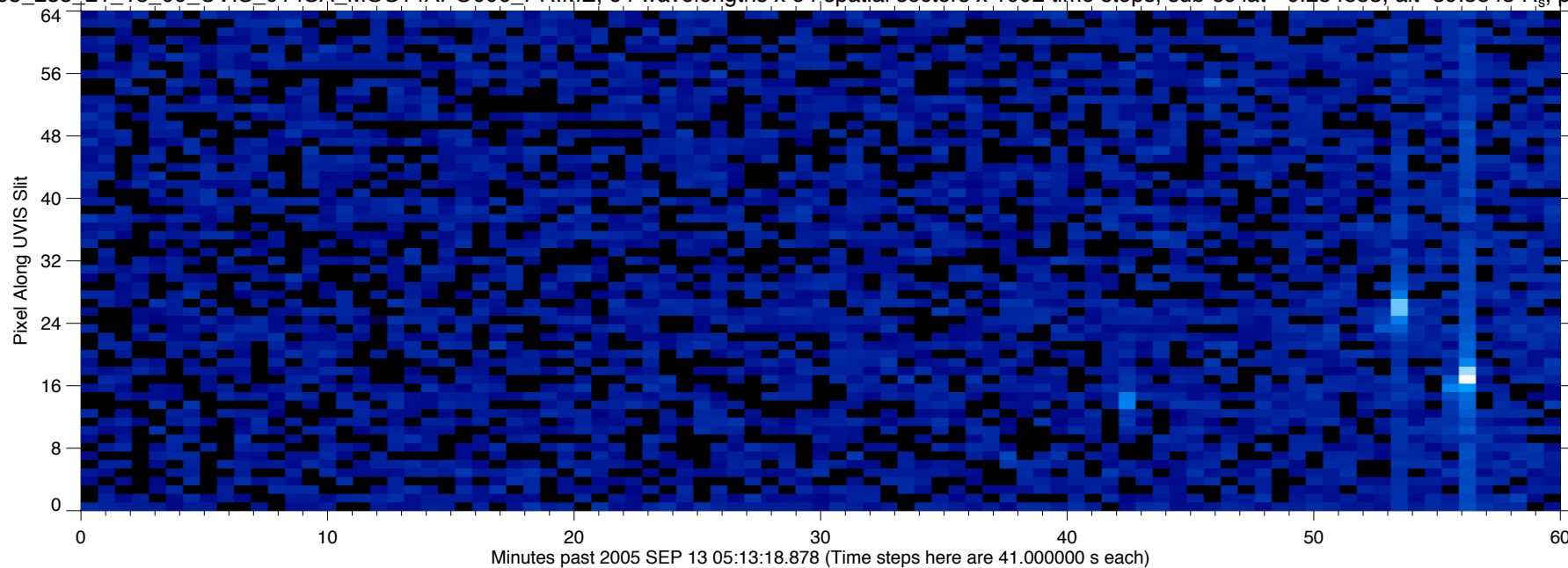


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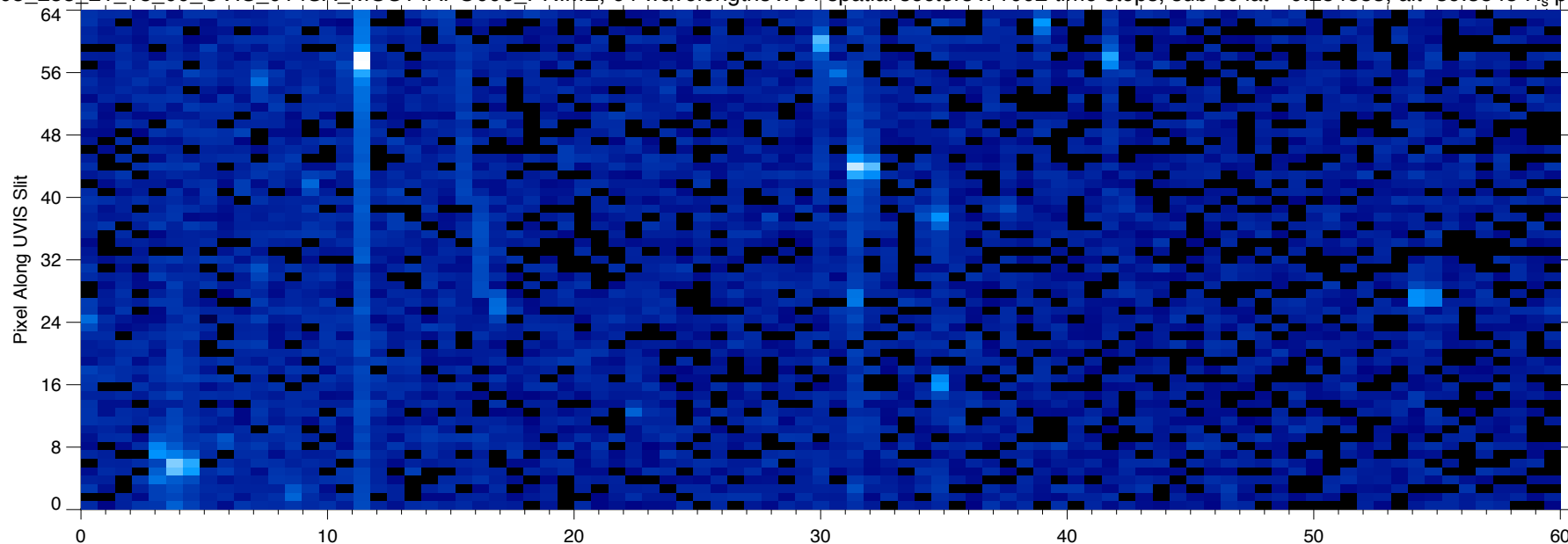
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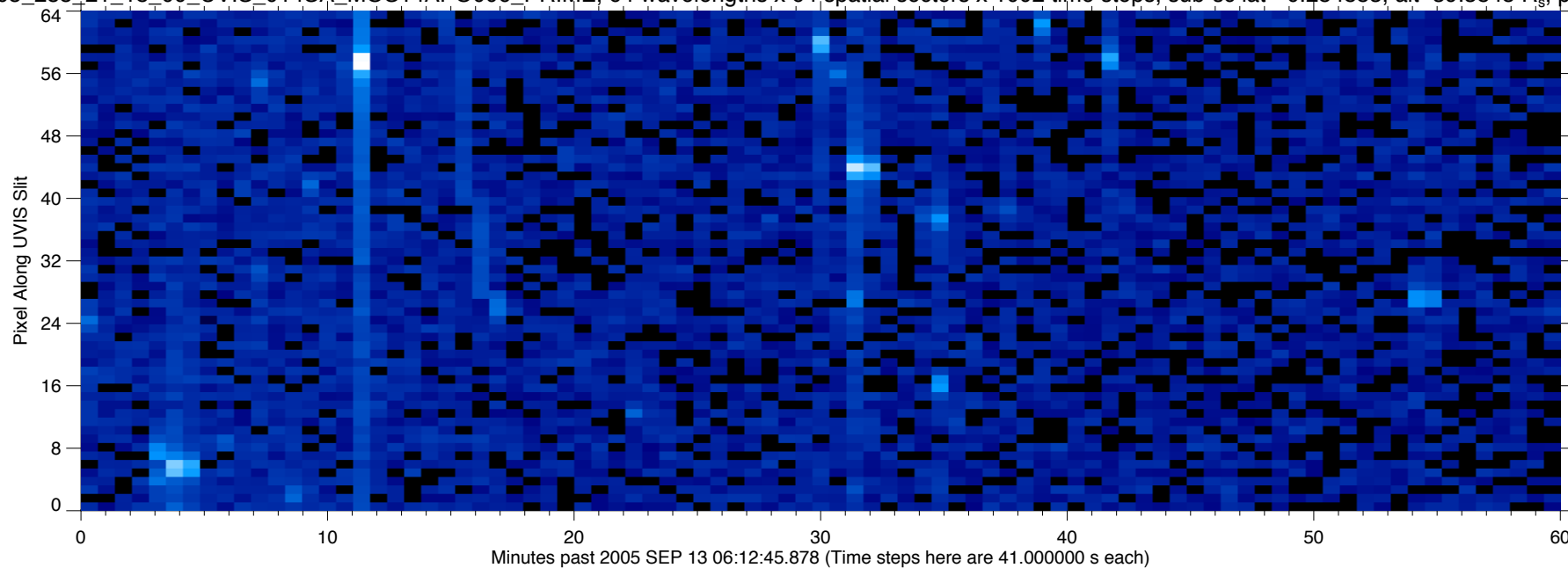
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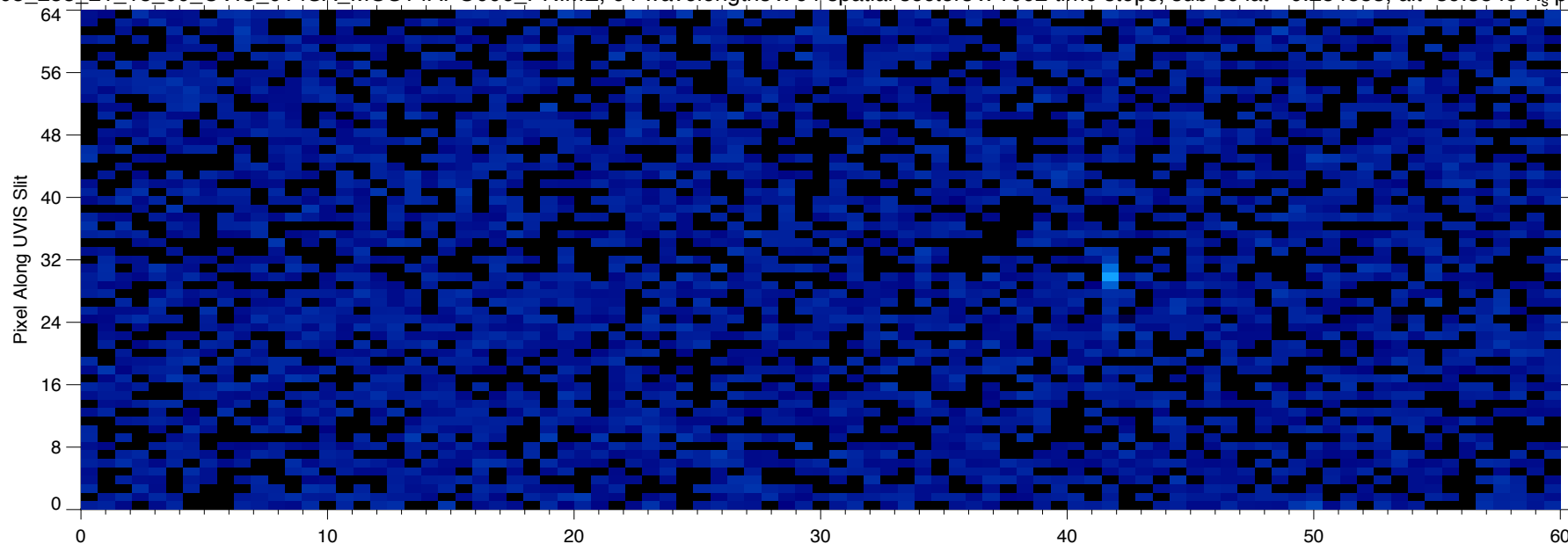
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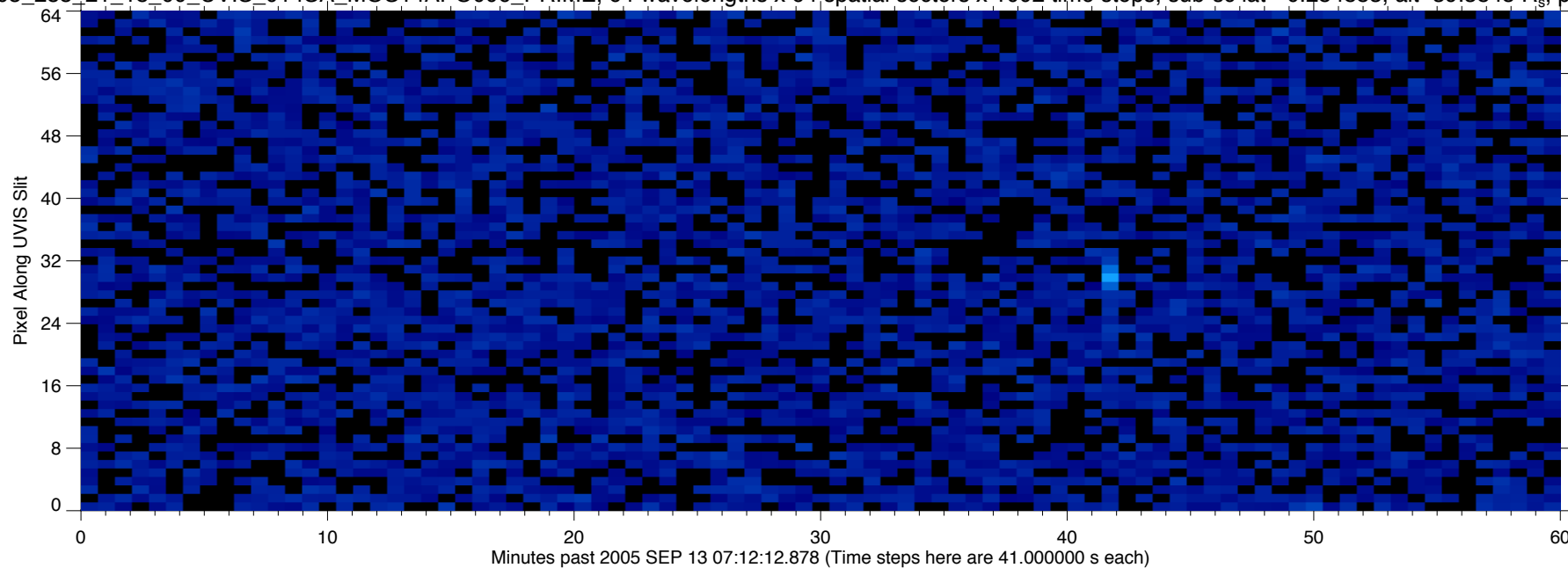
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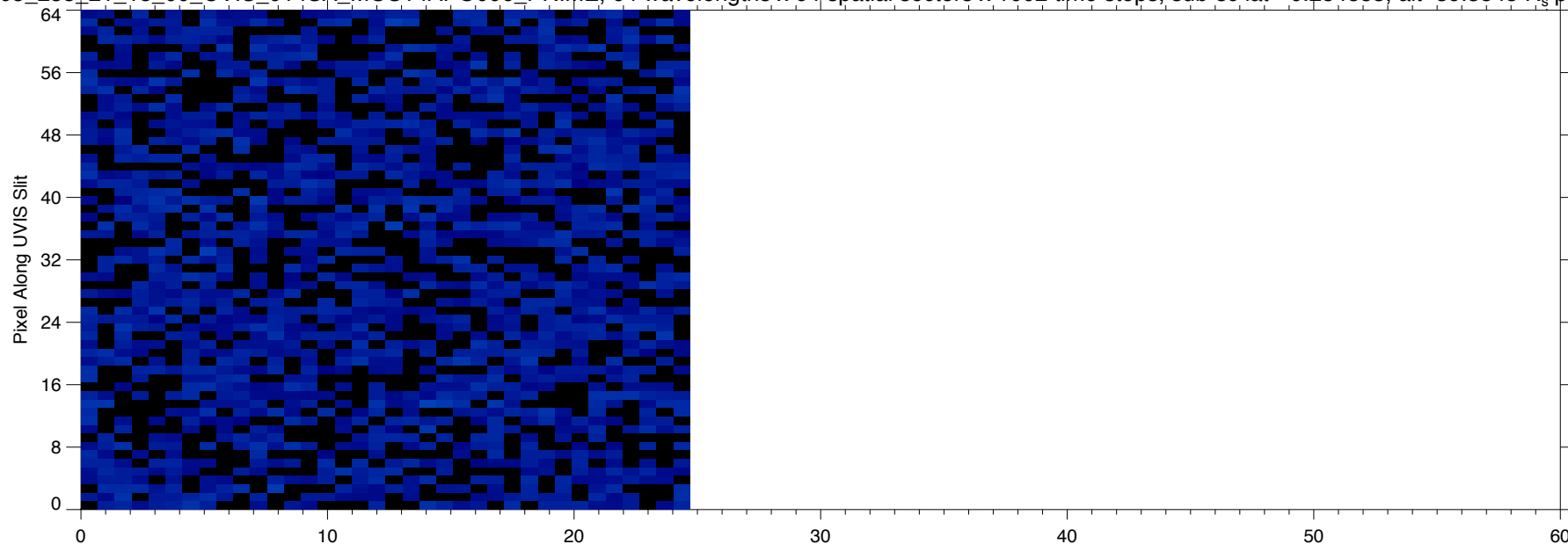
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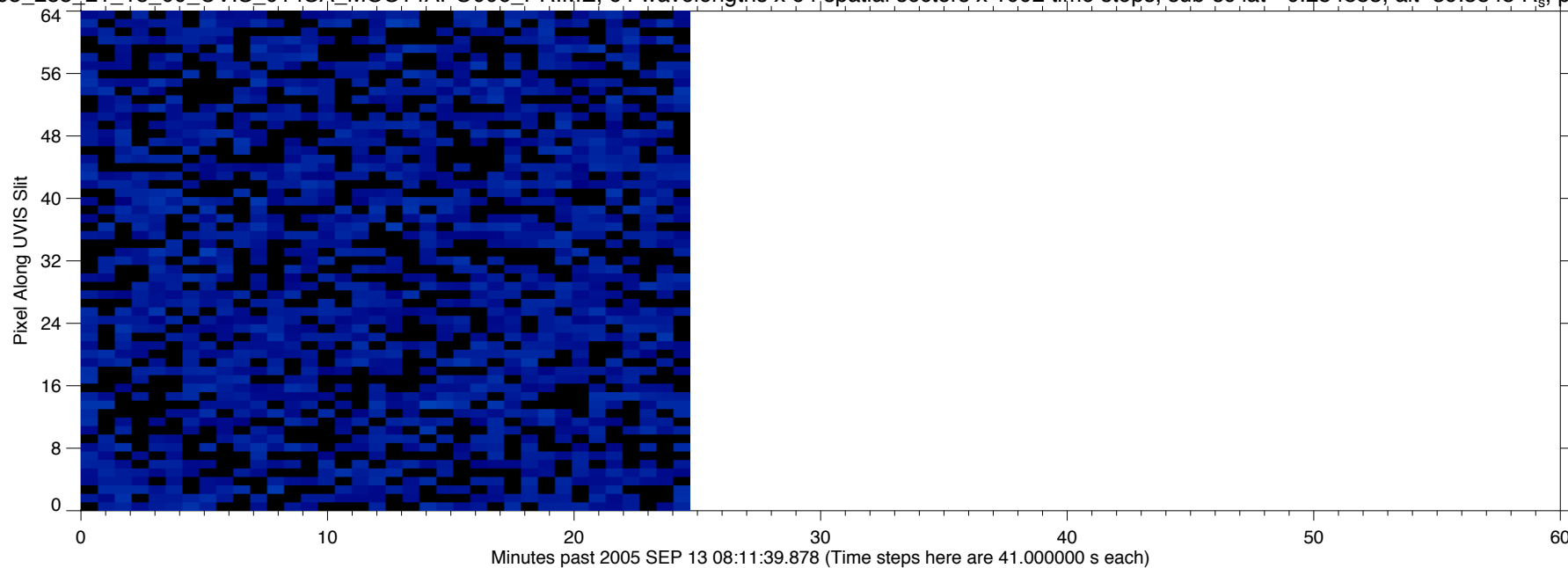
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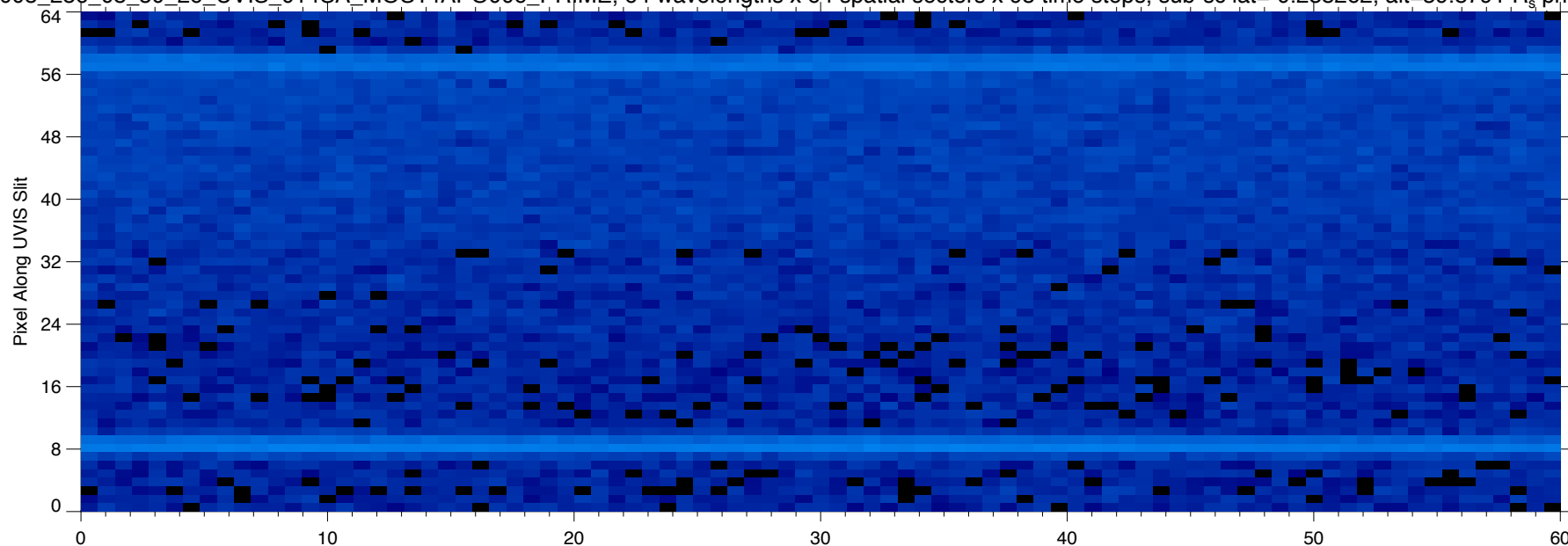
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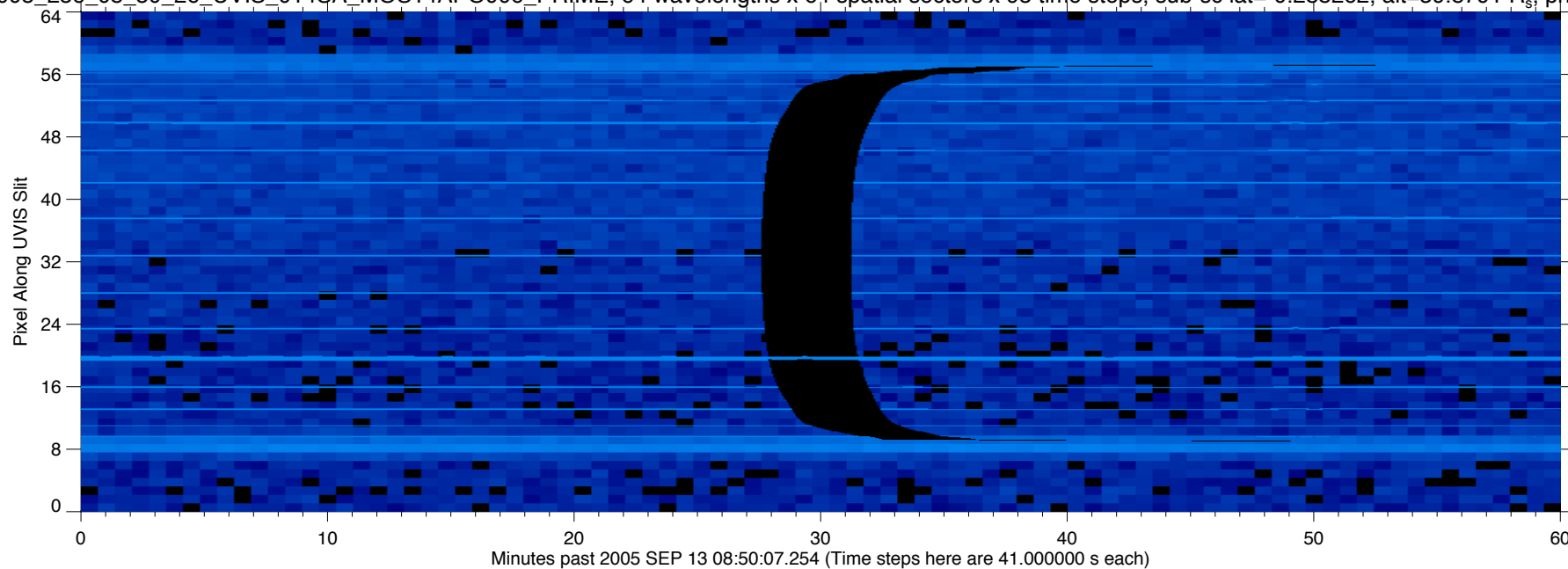
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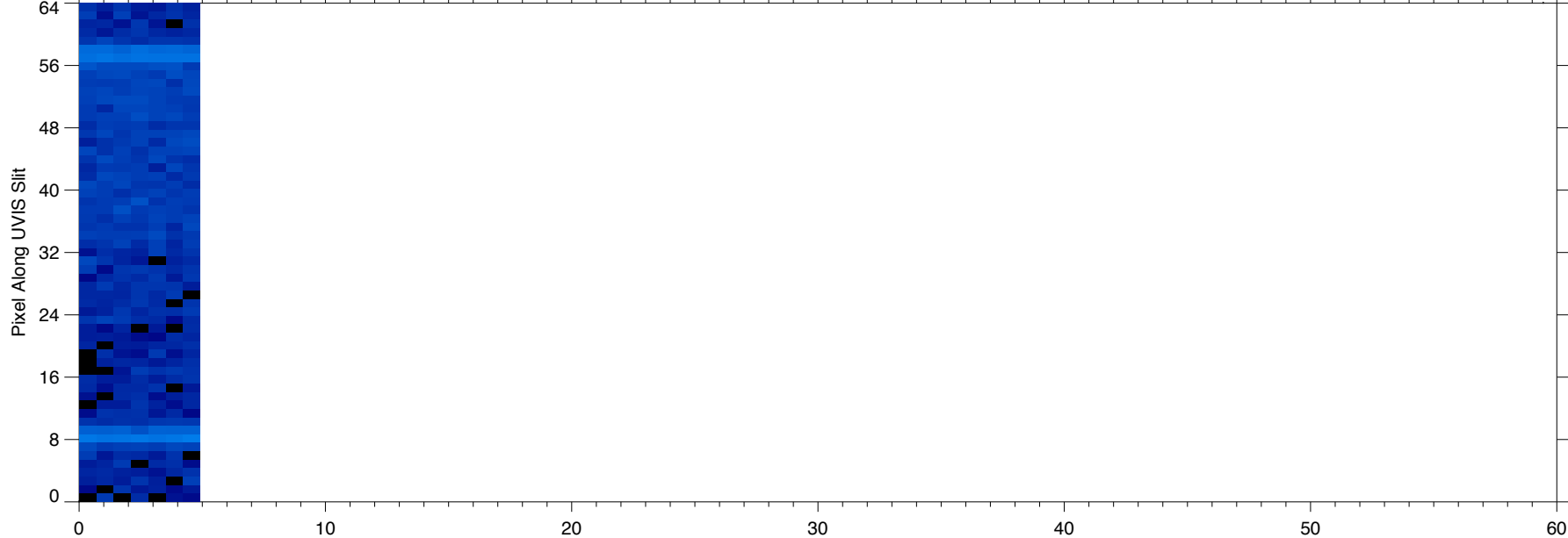
FUV2005_256_08_50_26_UVIS_014SA_MOS14APO006_PRIME, 64 wavelengths x 64 spatial sectors x 95 time steps, sub-sc lat=-0.288262, alt=39.8791 R_s, phase=77.1020



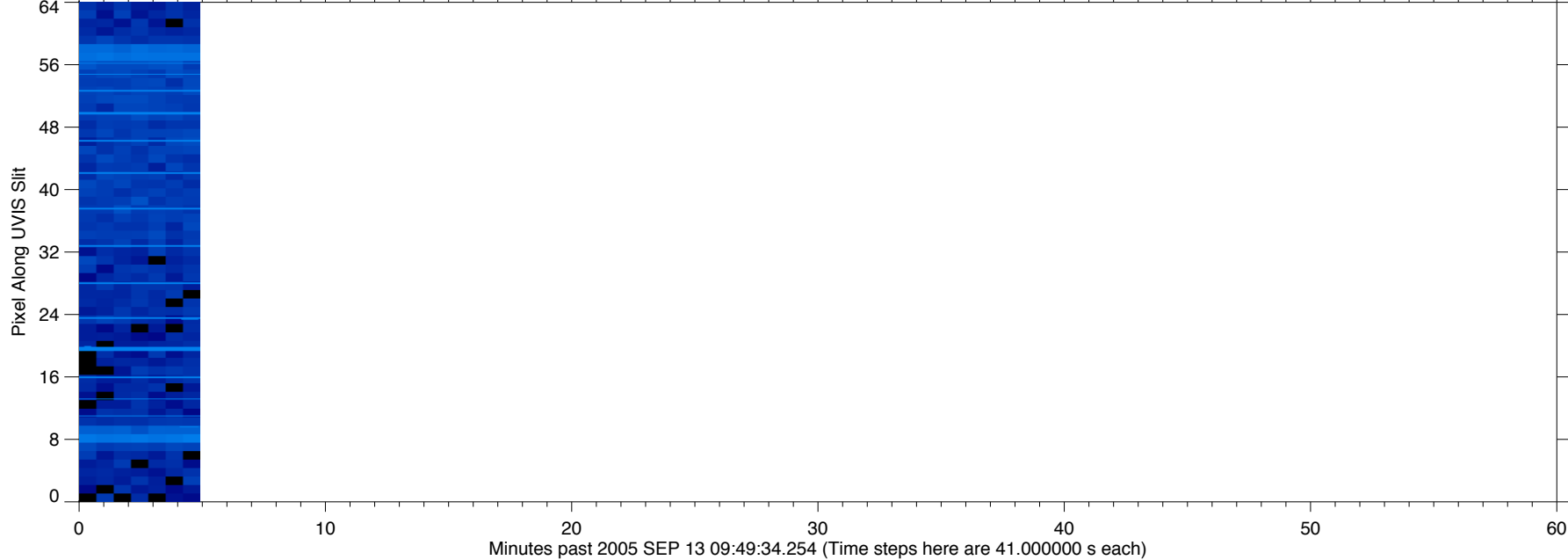
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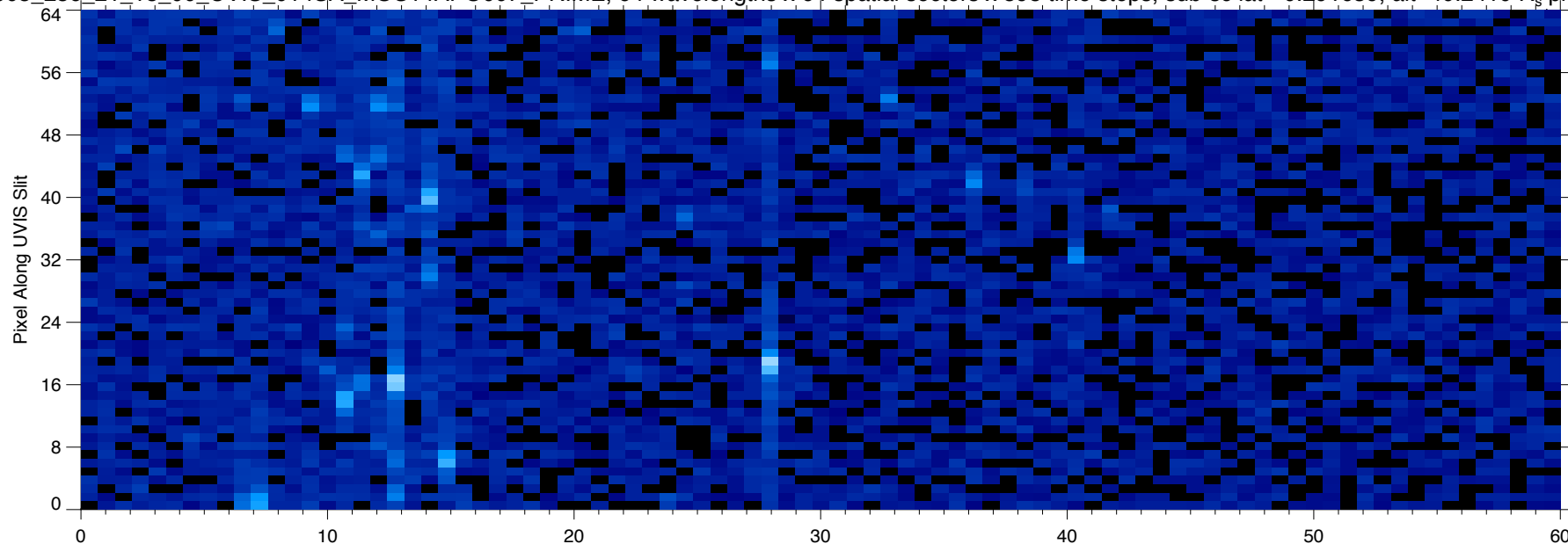
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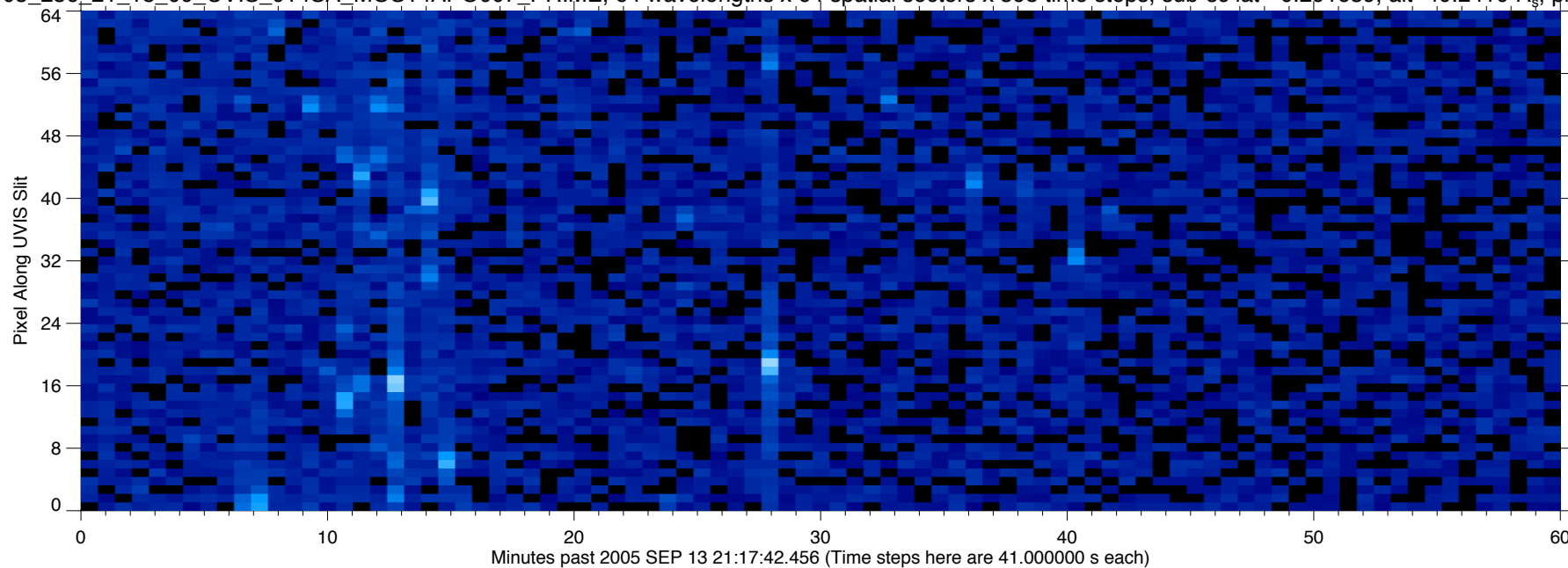
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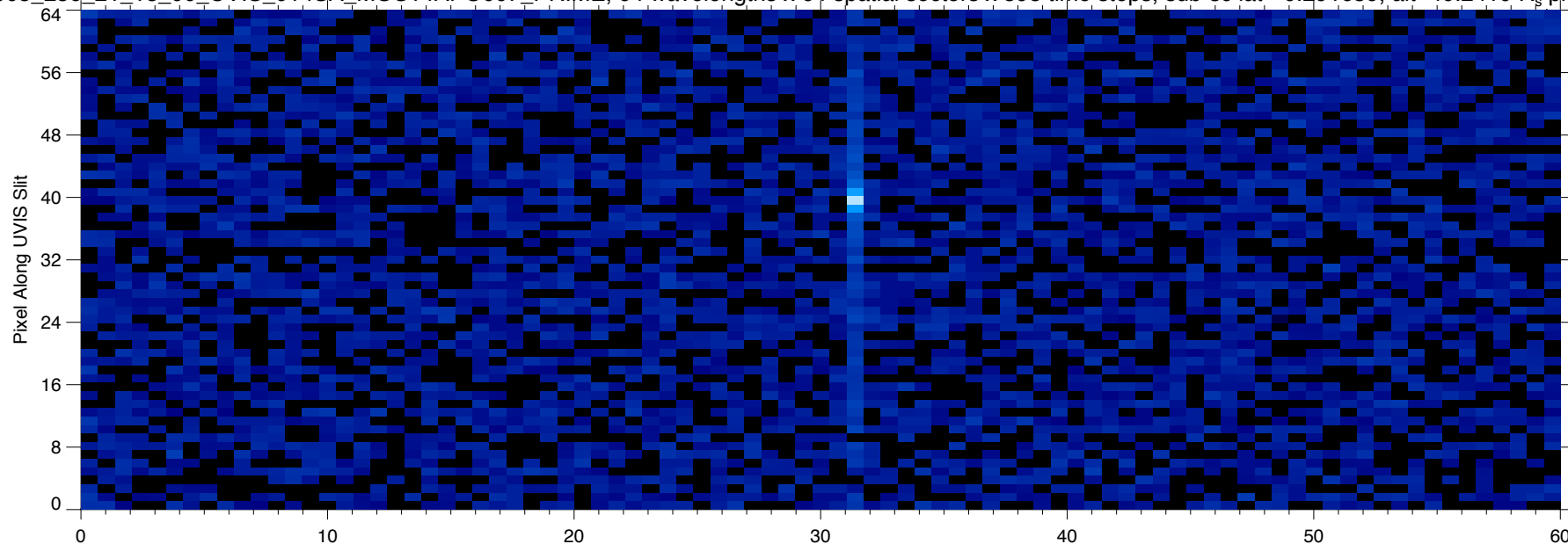
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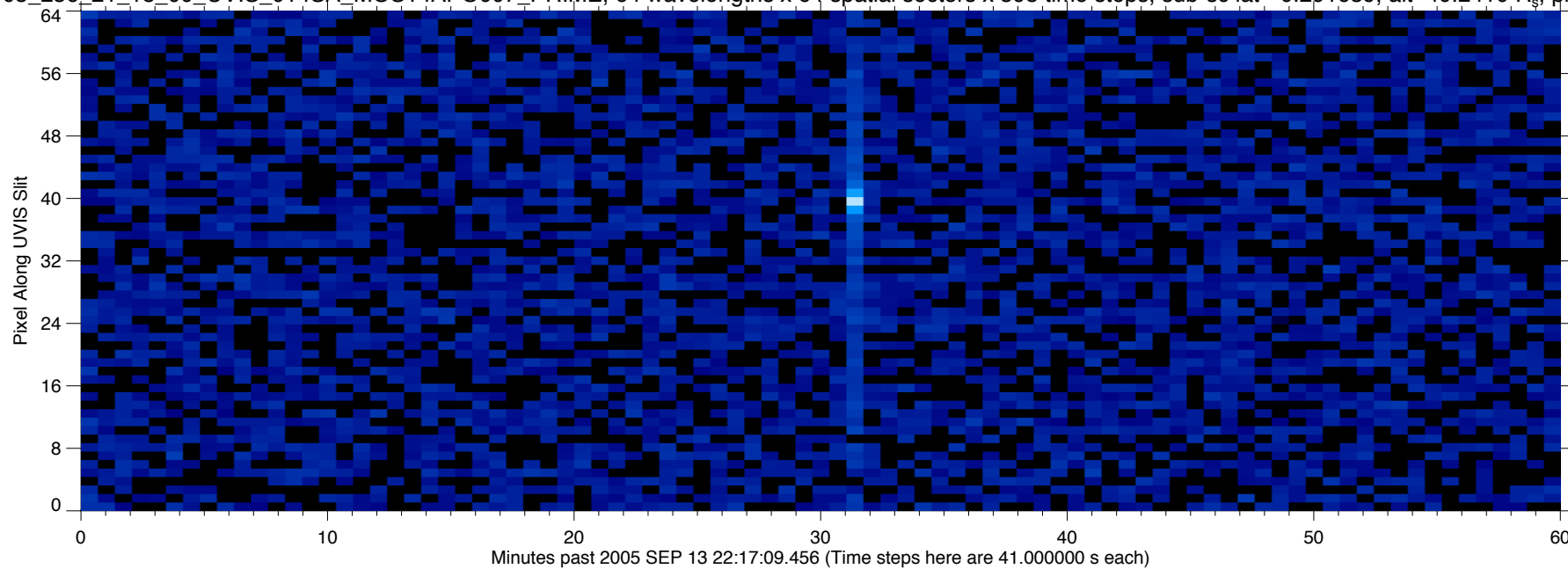
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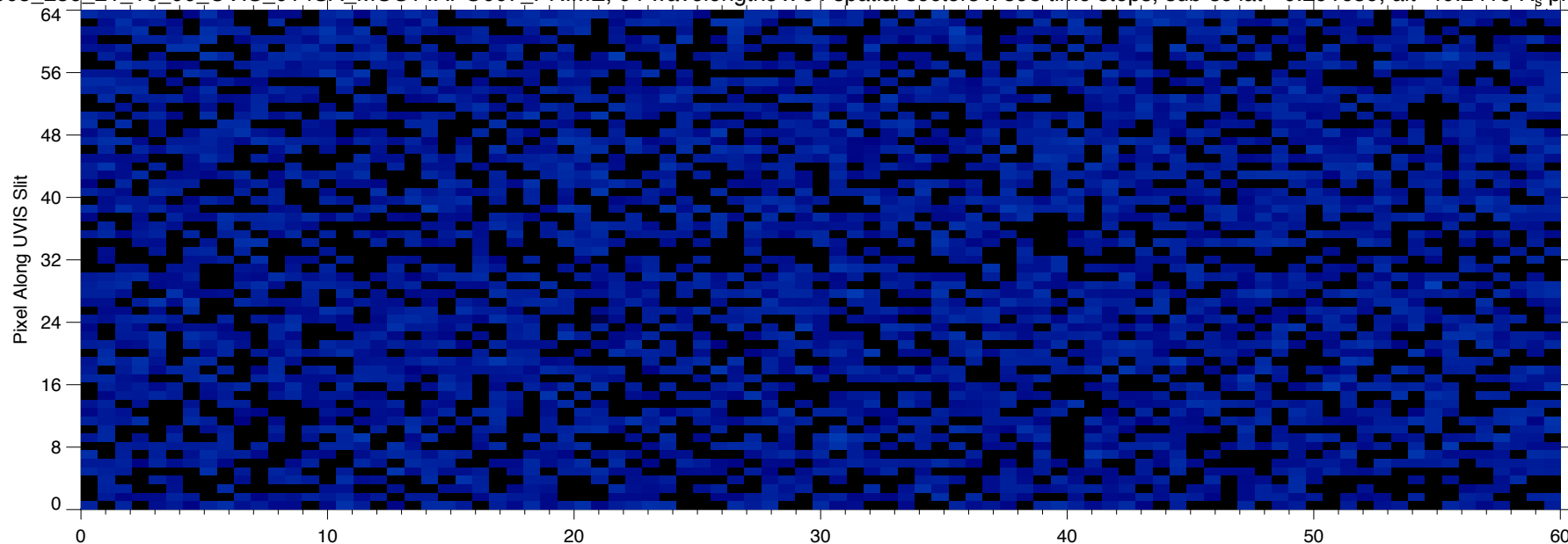
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FUV2005_256_21_18_00_UVIS_014SA_MOS14APO007_PRIME, 64 wavelengths x 64 spatial sectors x 598 time steps, sub-sc lat=-0.291639, alt=40.2410 R_s, phase=75.7027

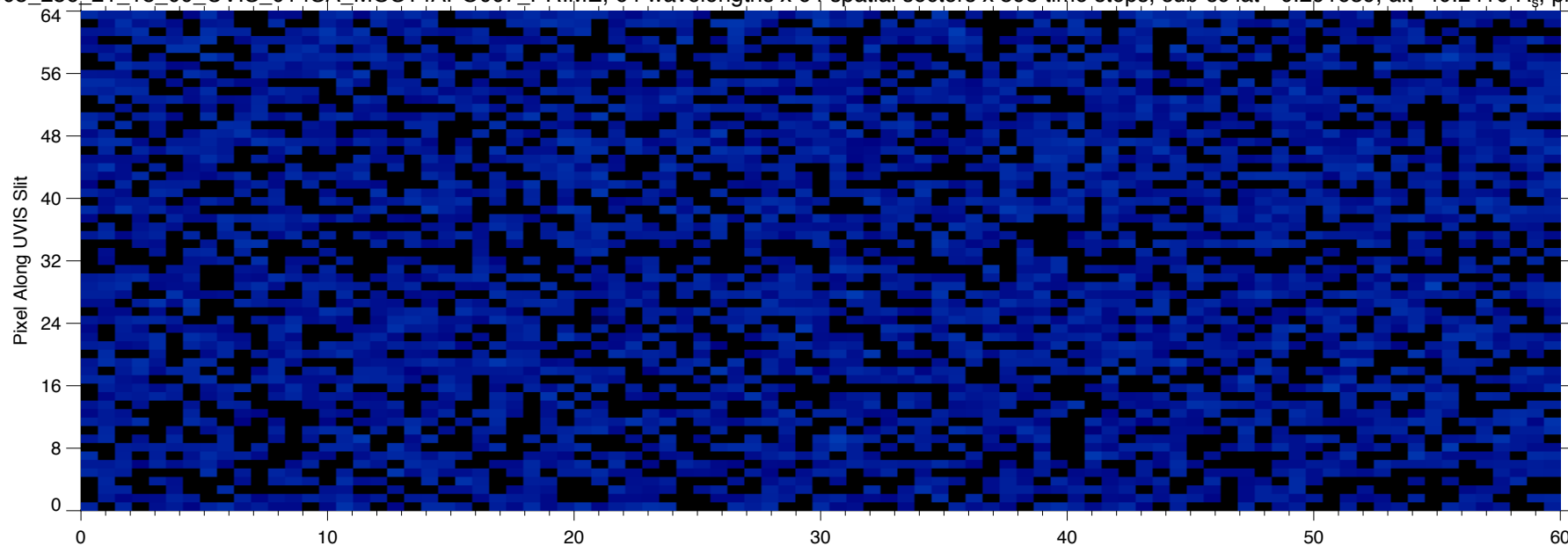


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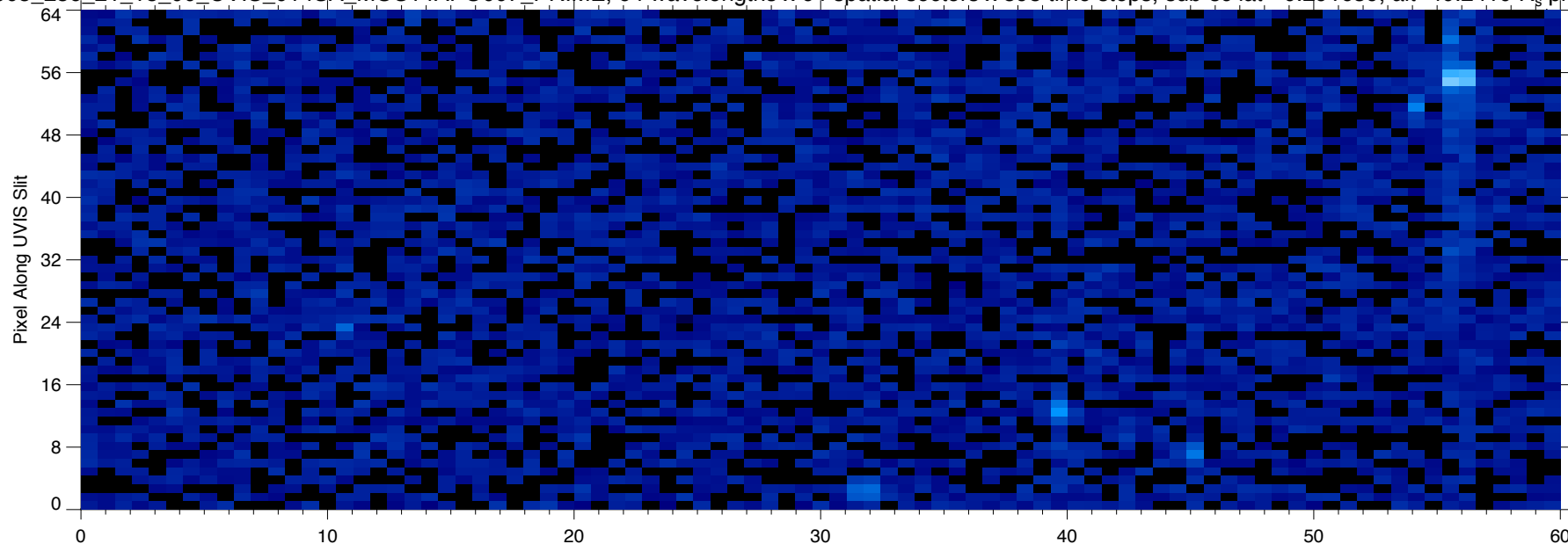
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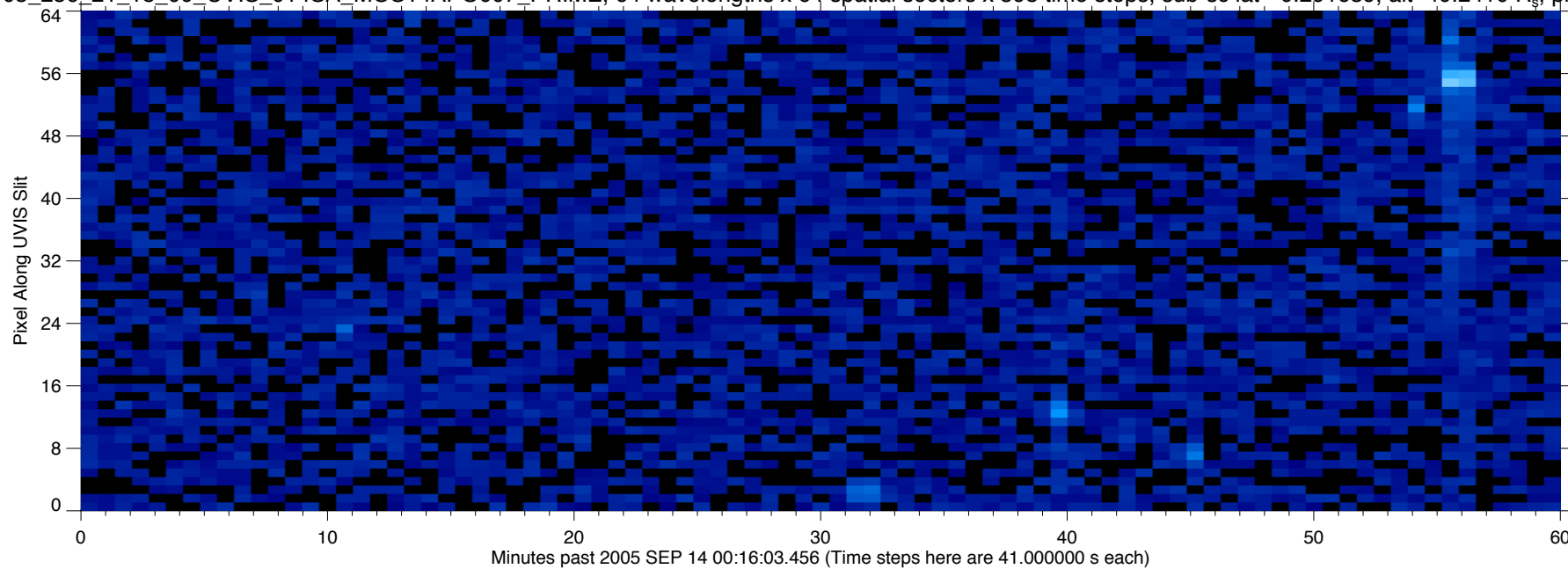


Minutes past 2005 SEP 13 23:16:36.456 (Time steps here are 41.000000 s each)

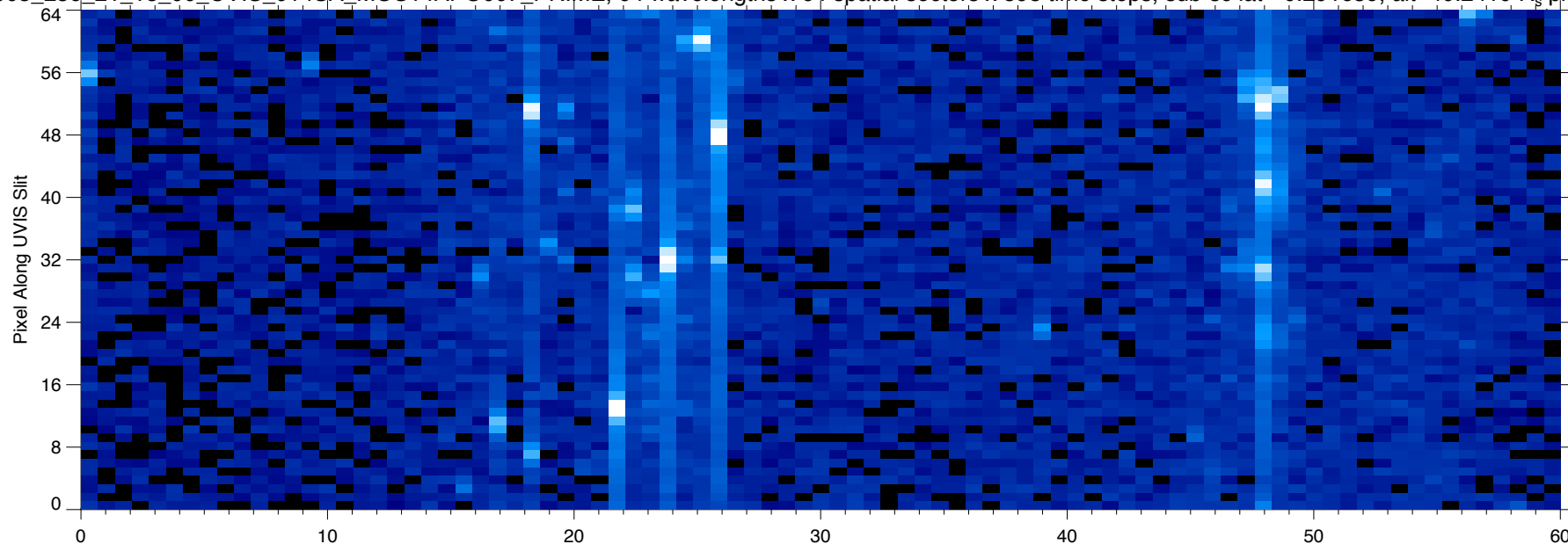
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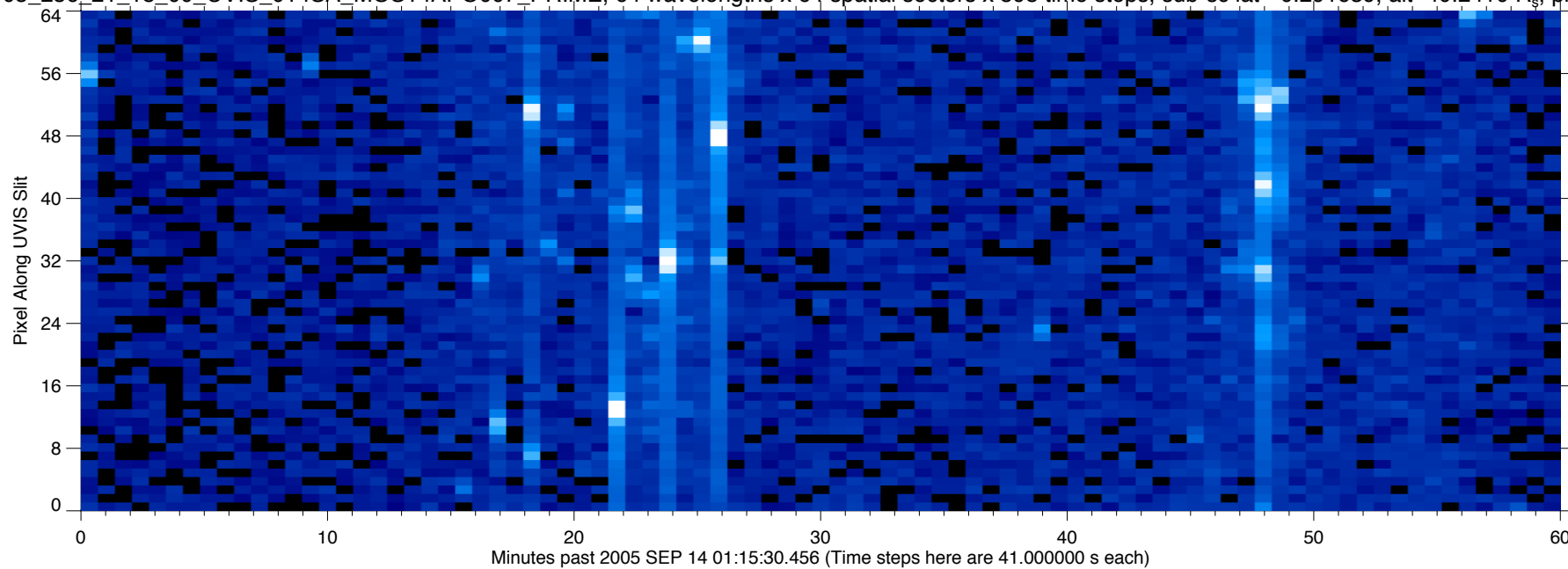
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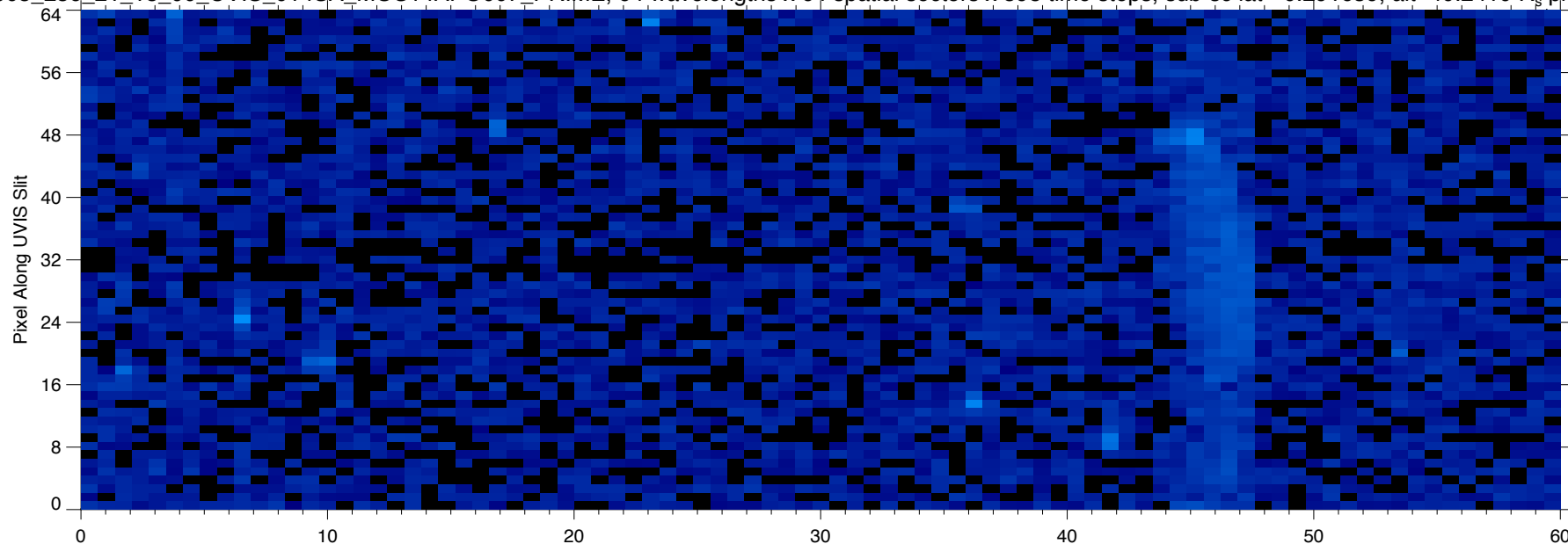
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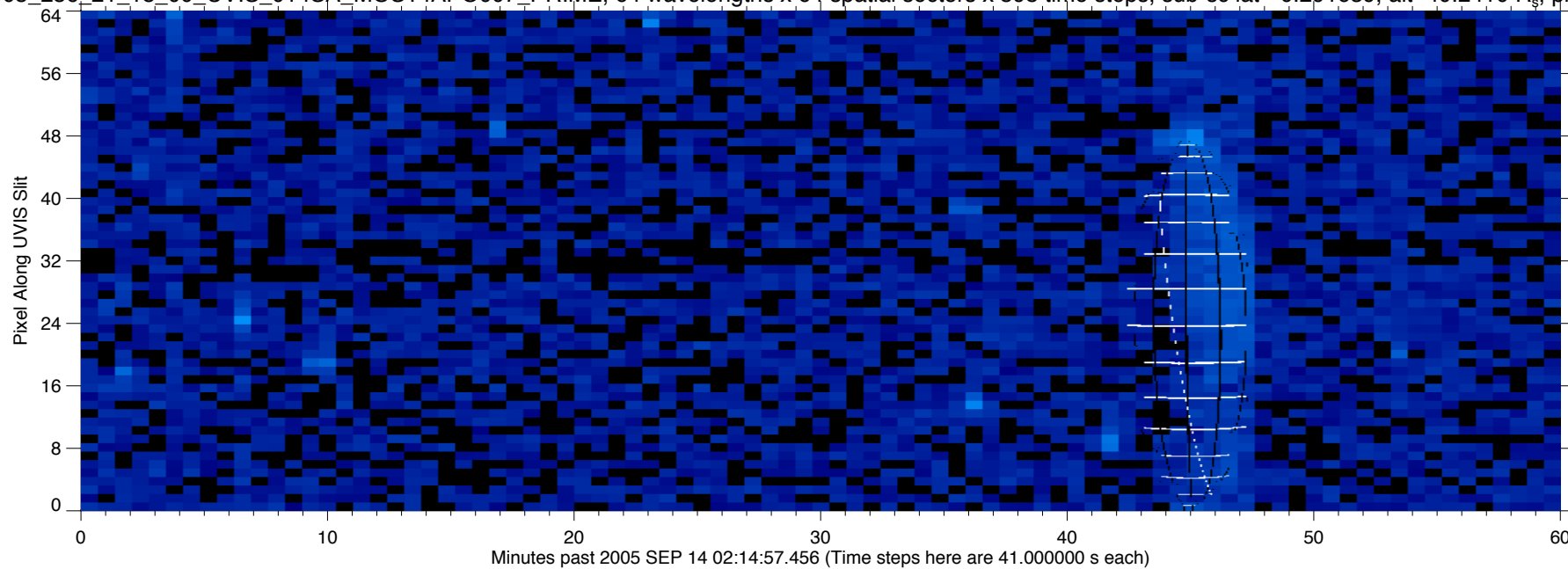
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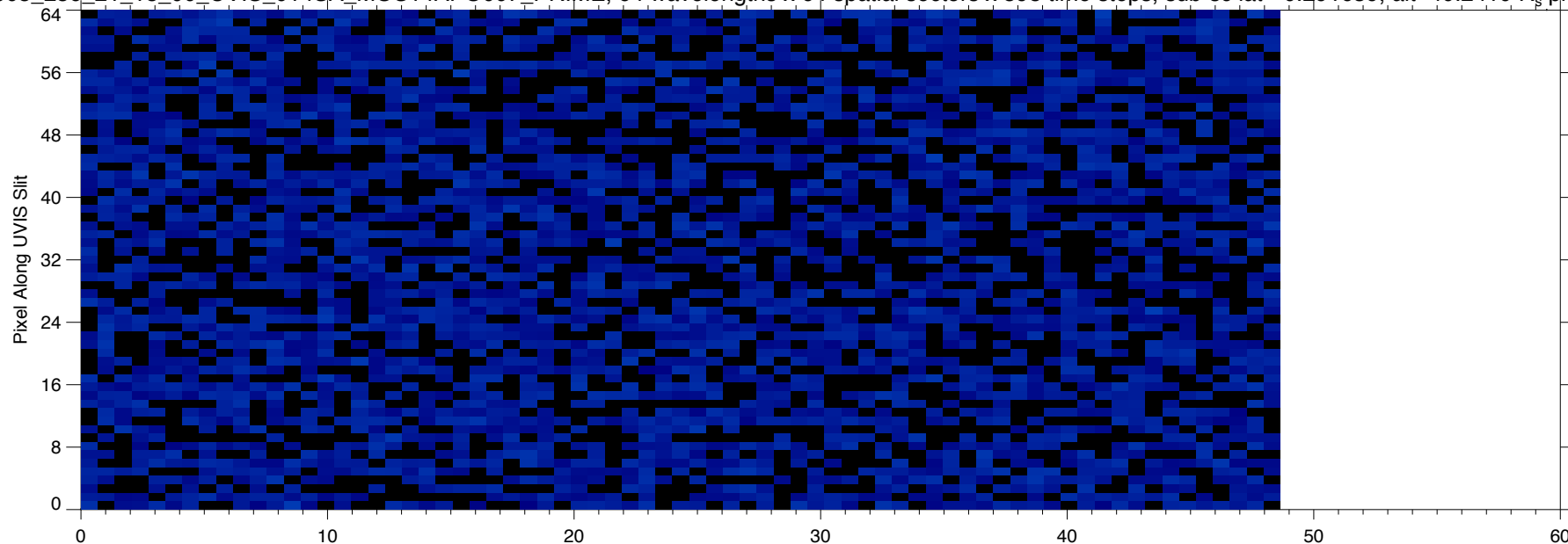
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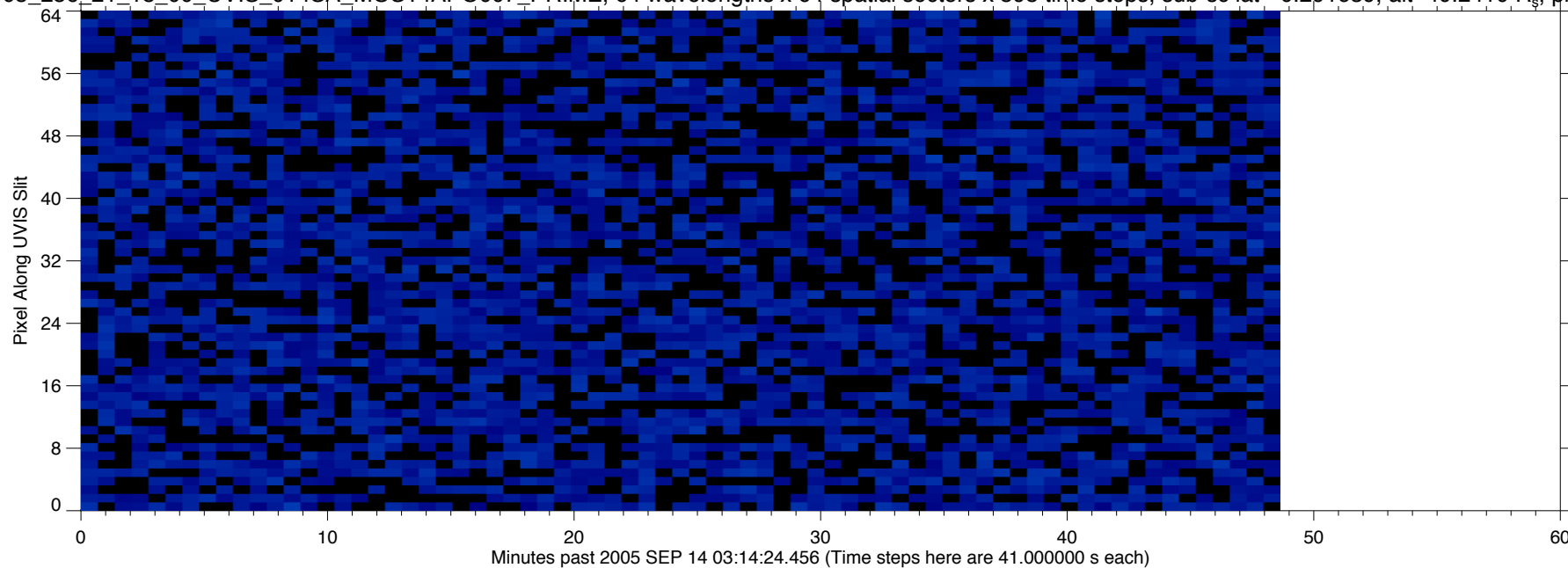
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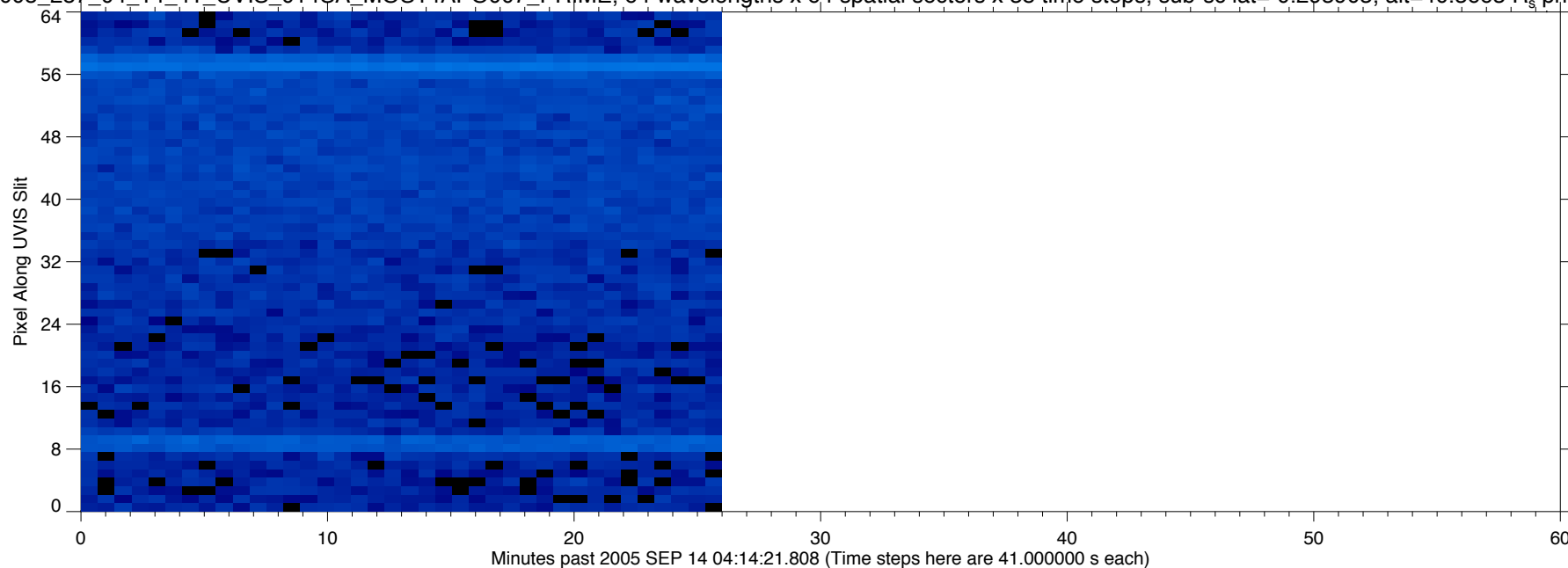
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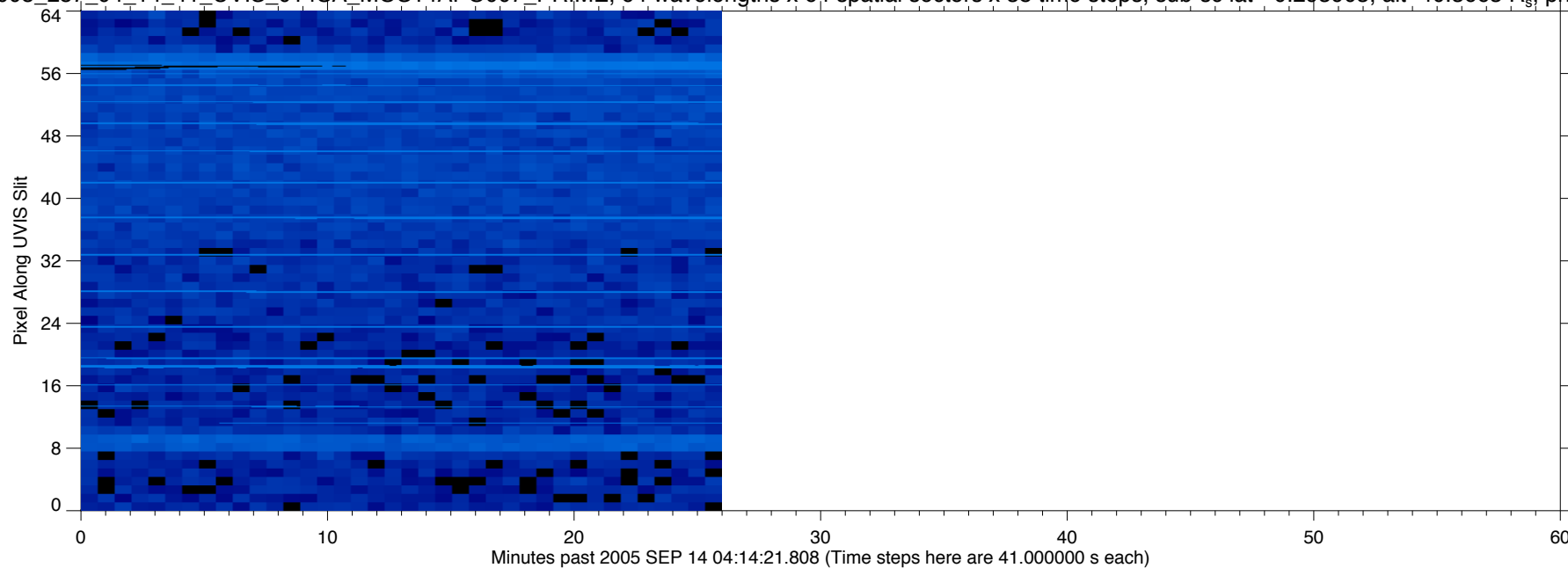
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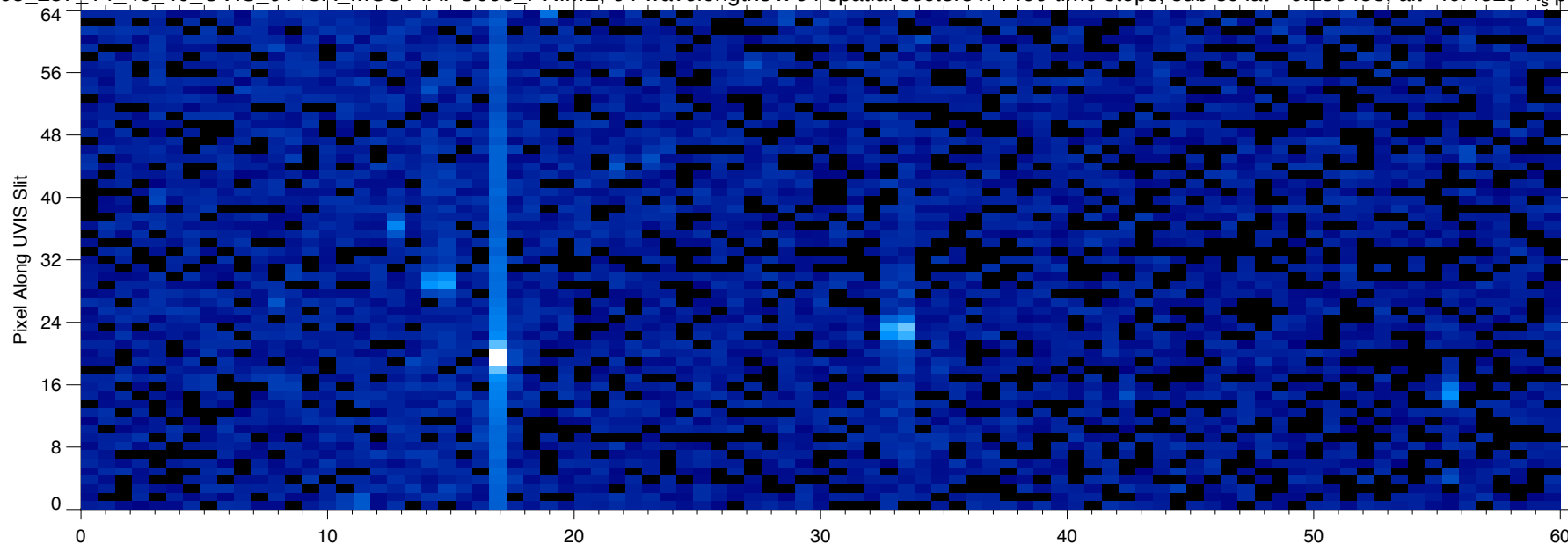
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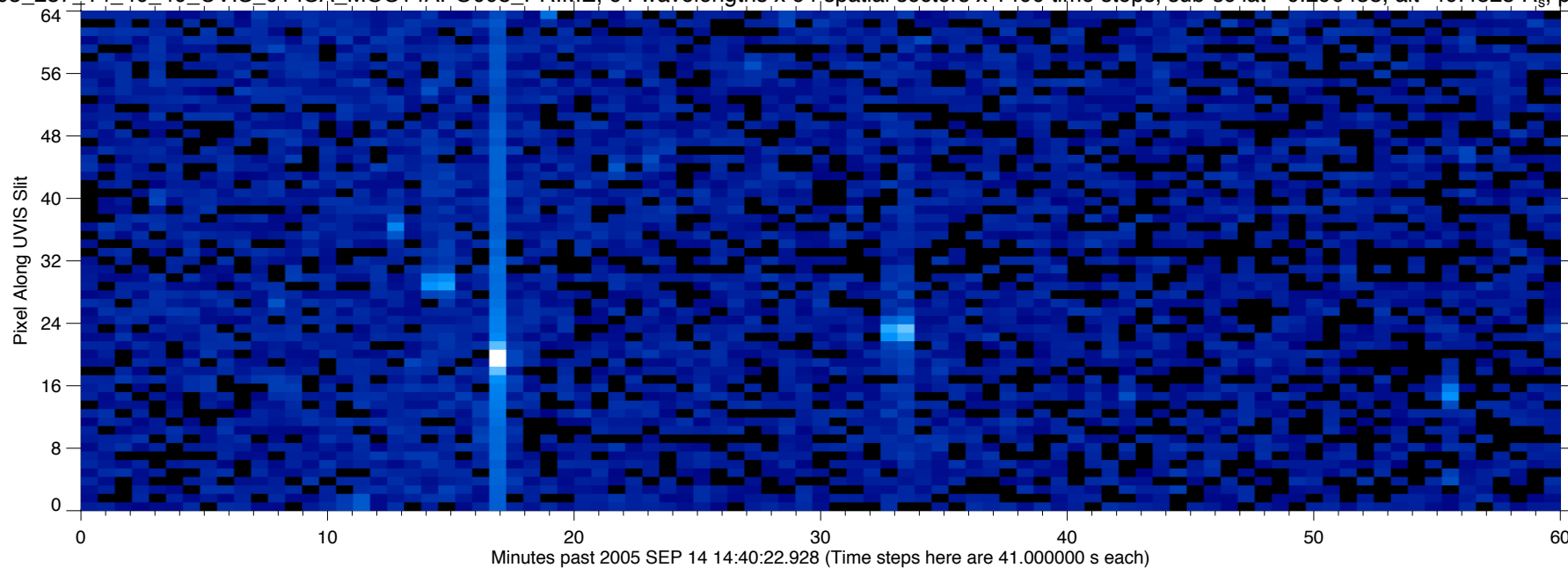
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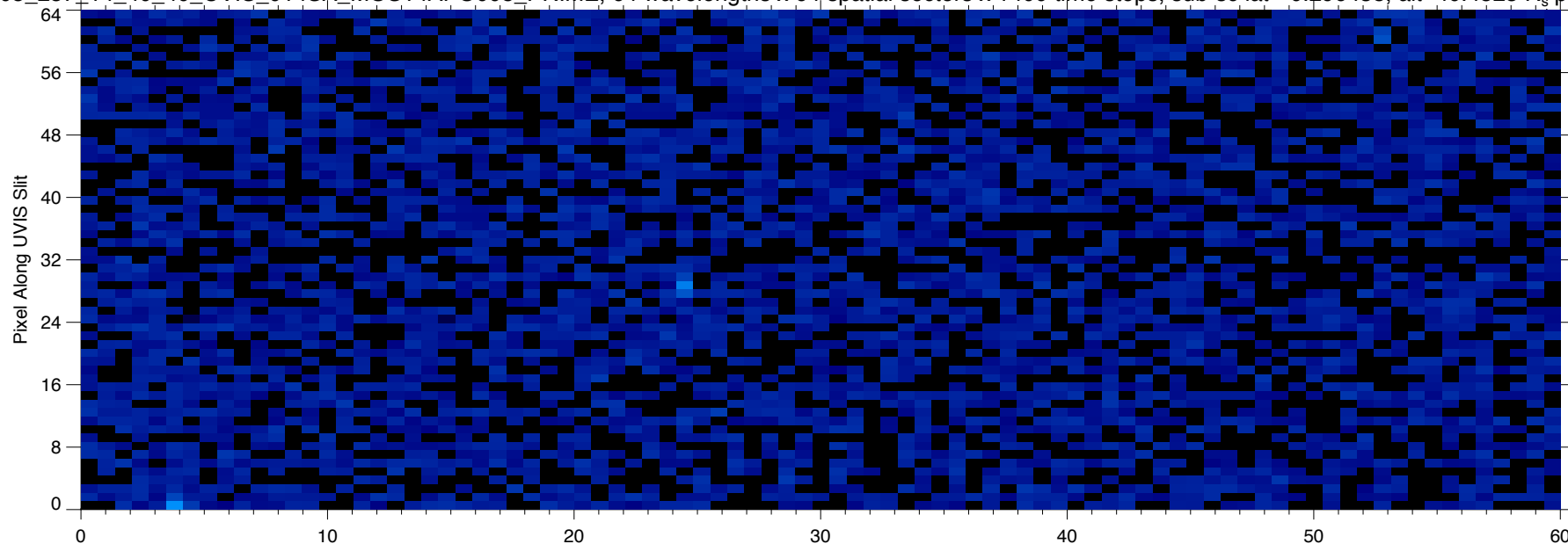
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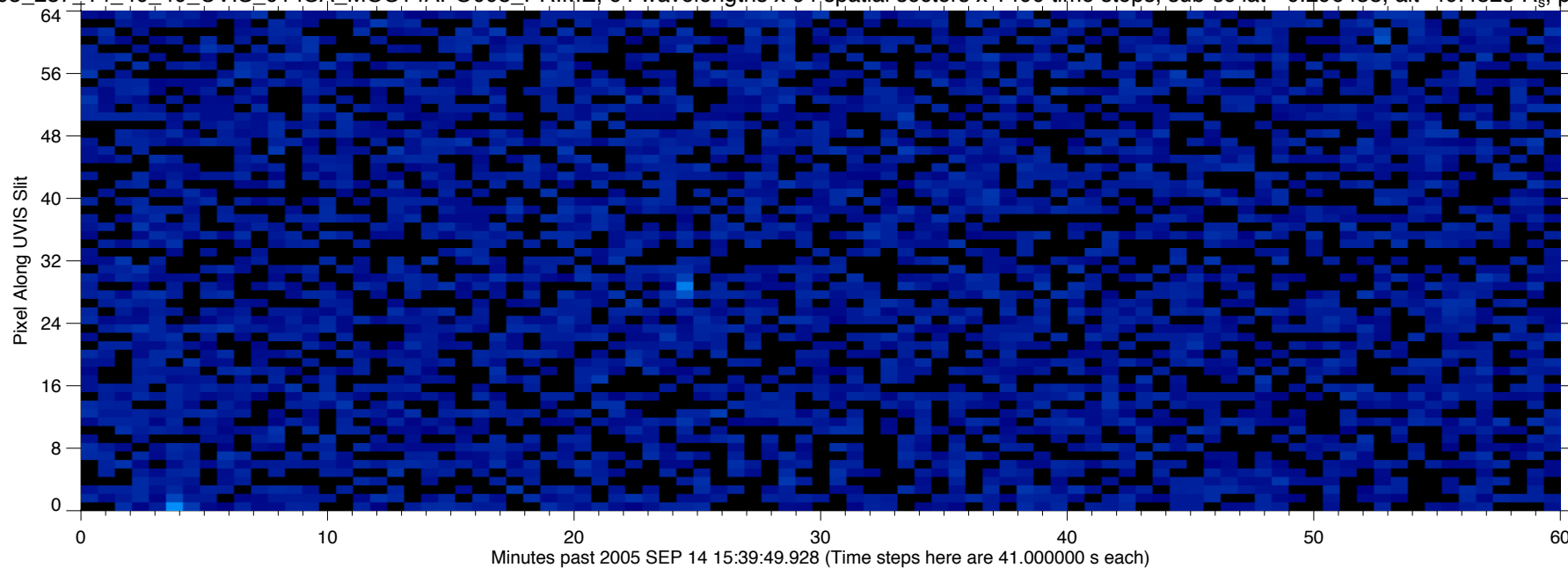
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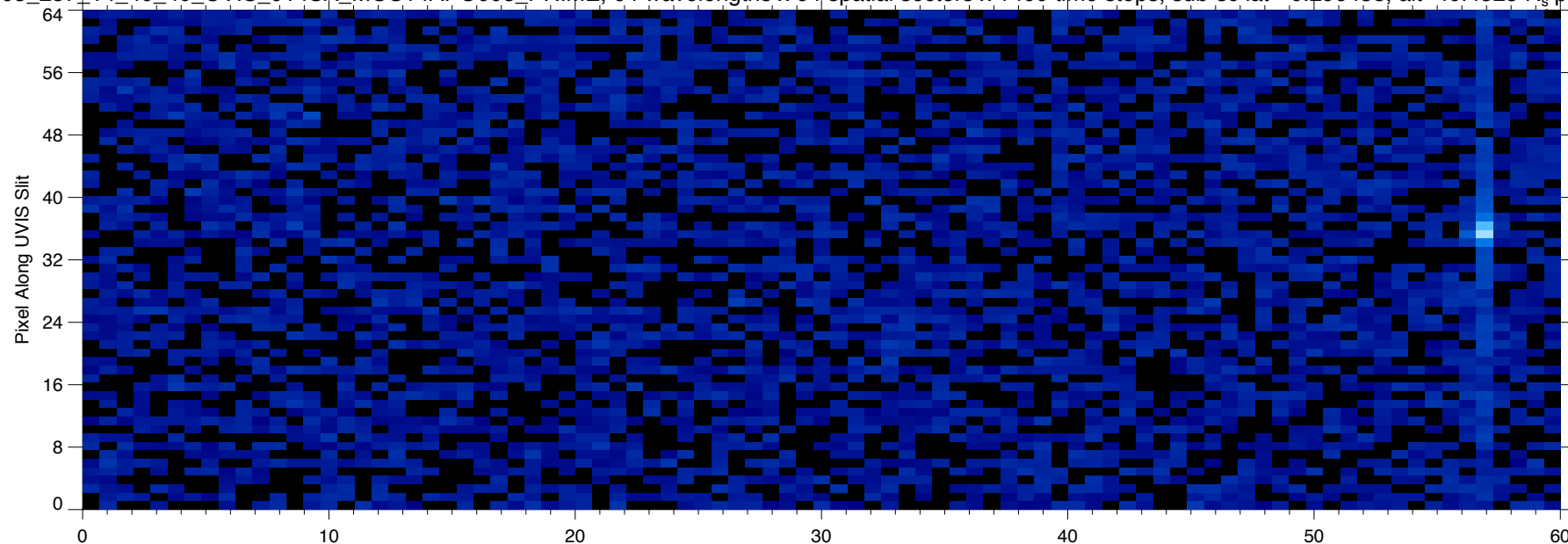
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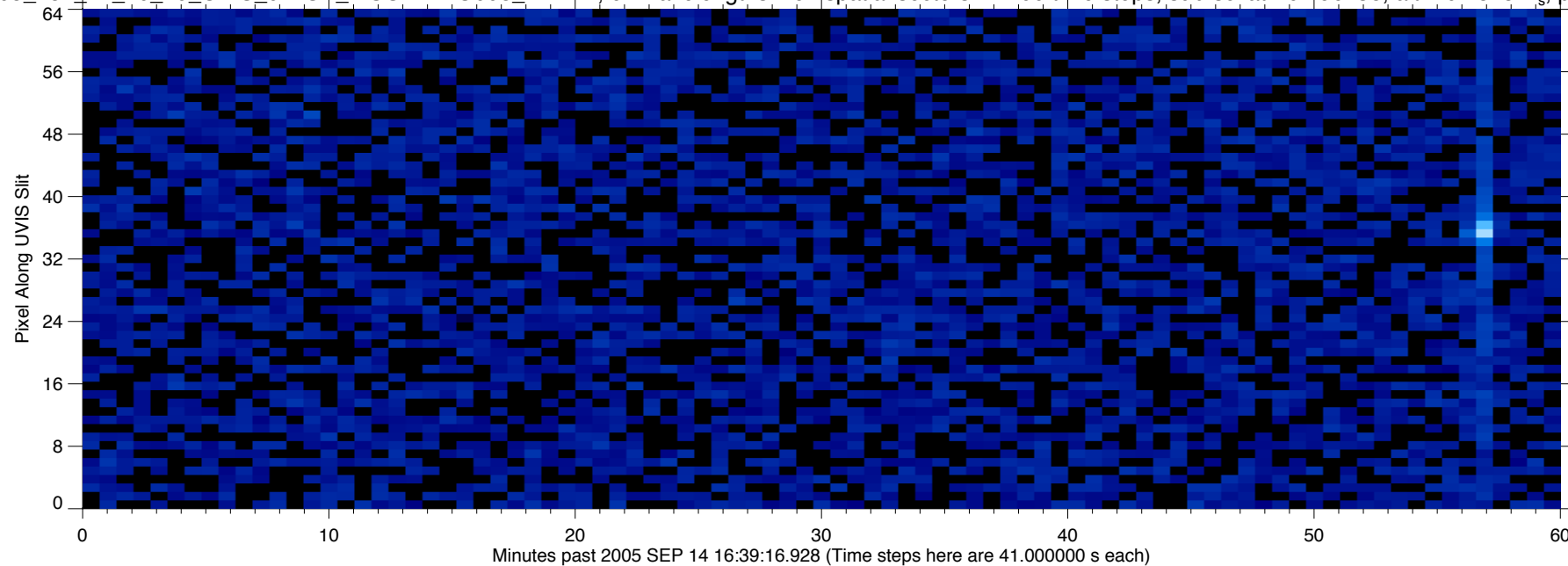
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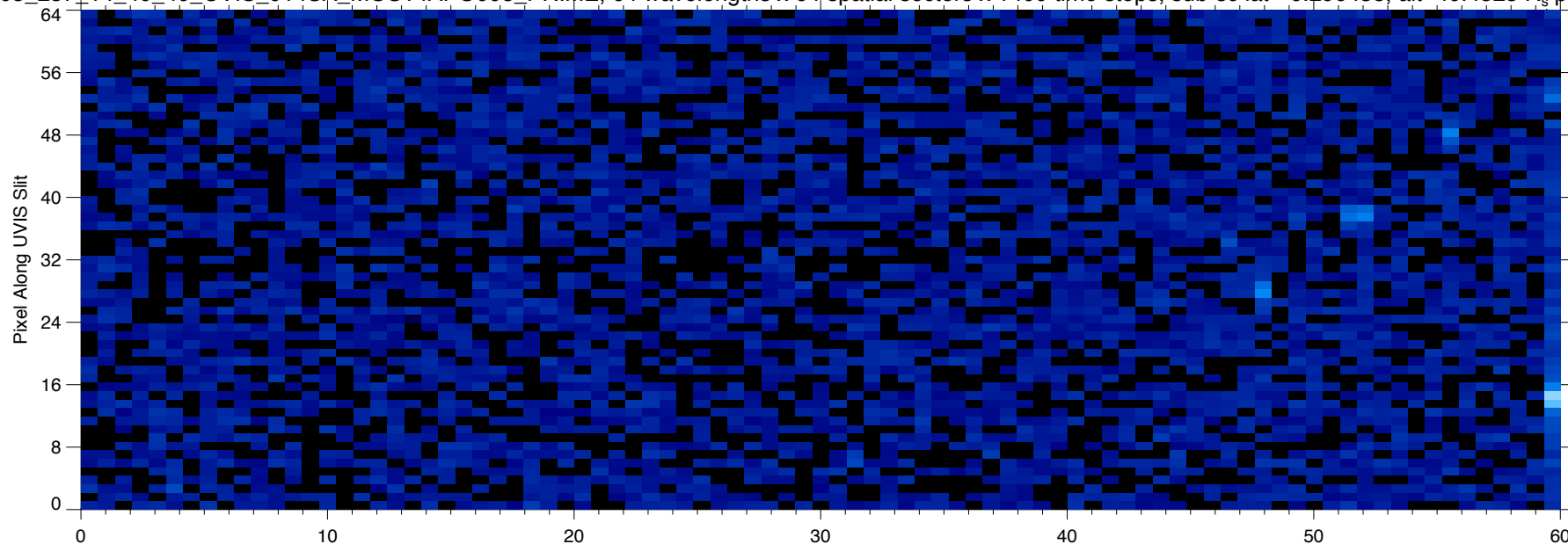
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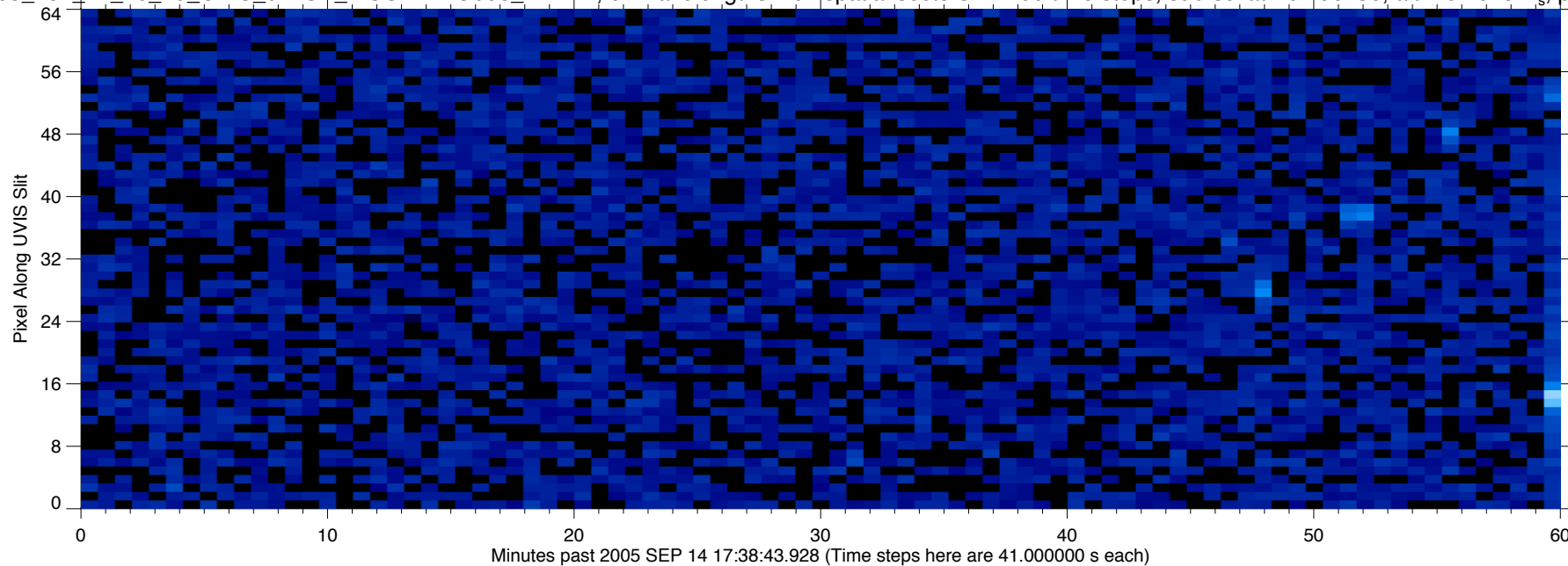
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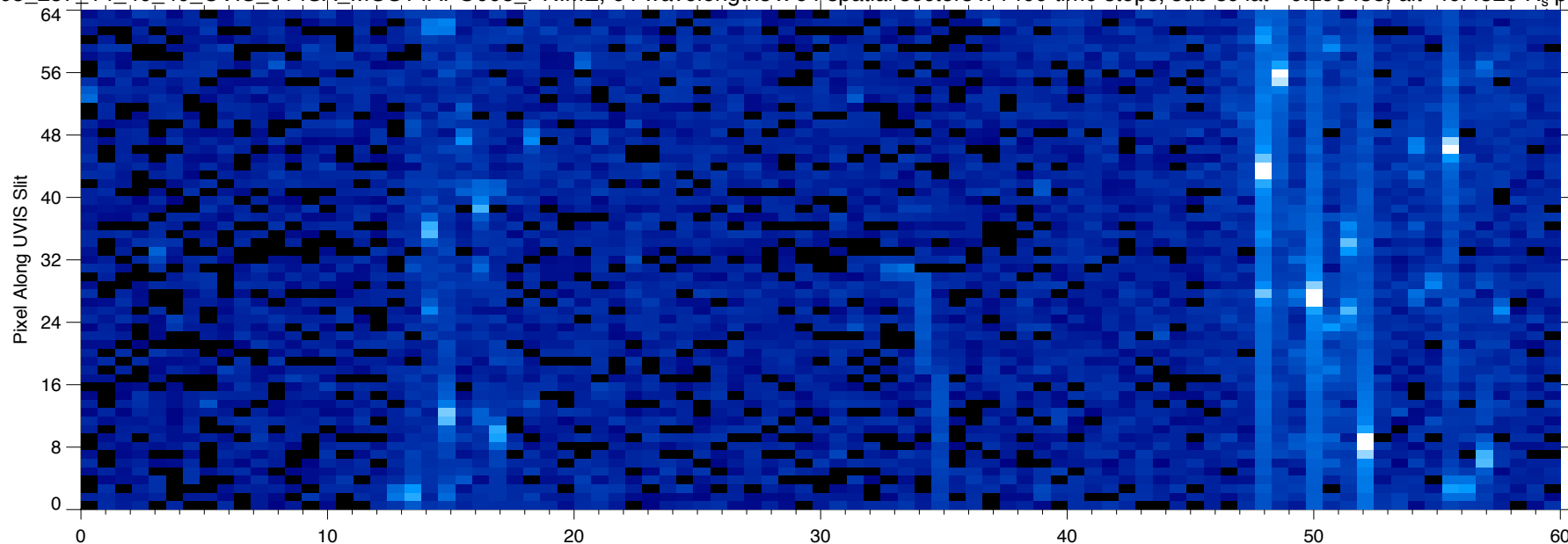
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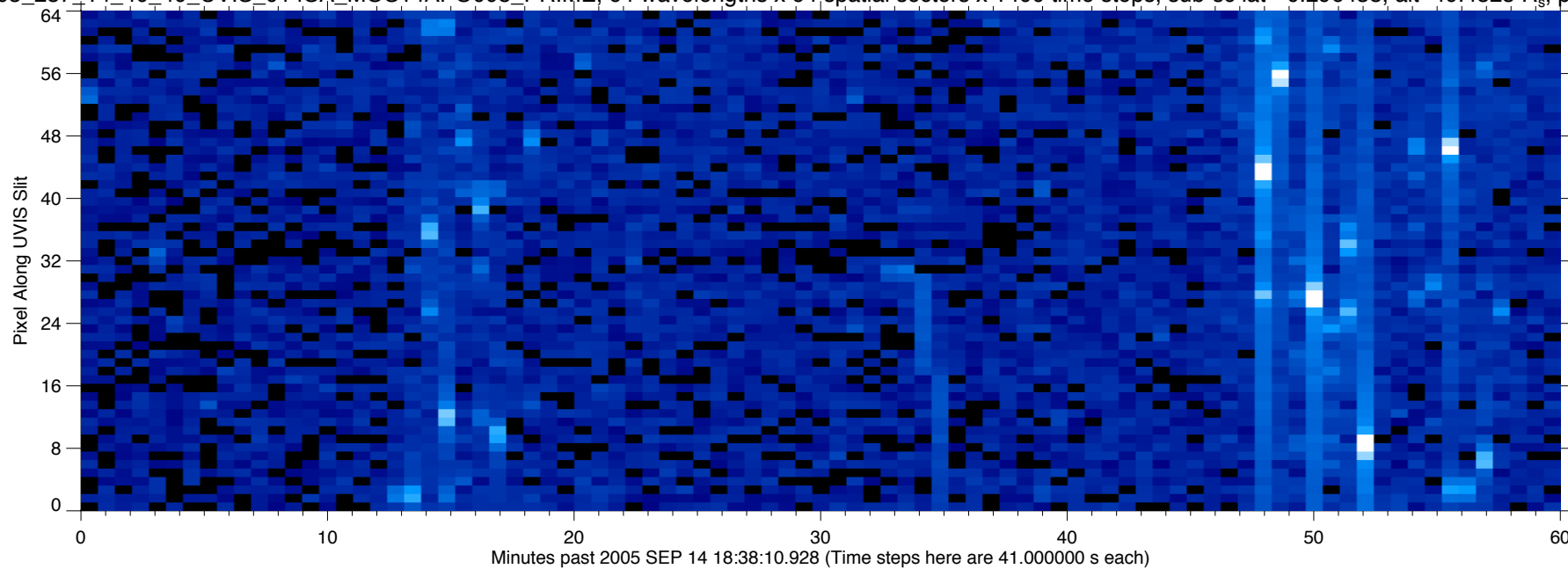
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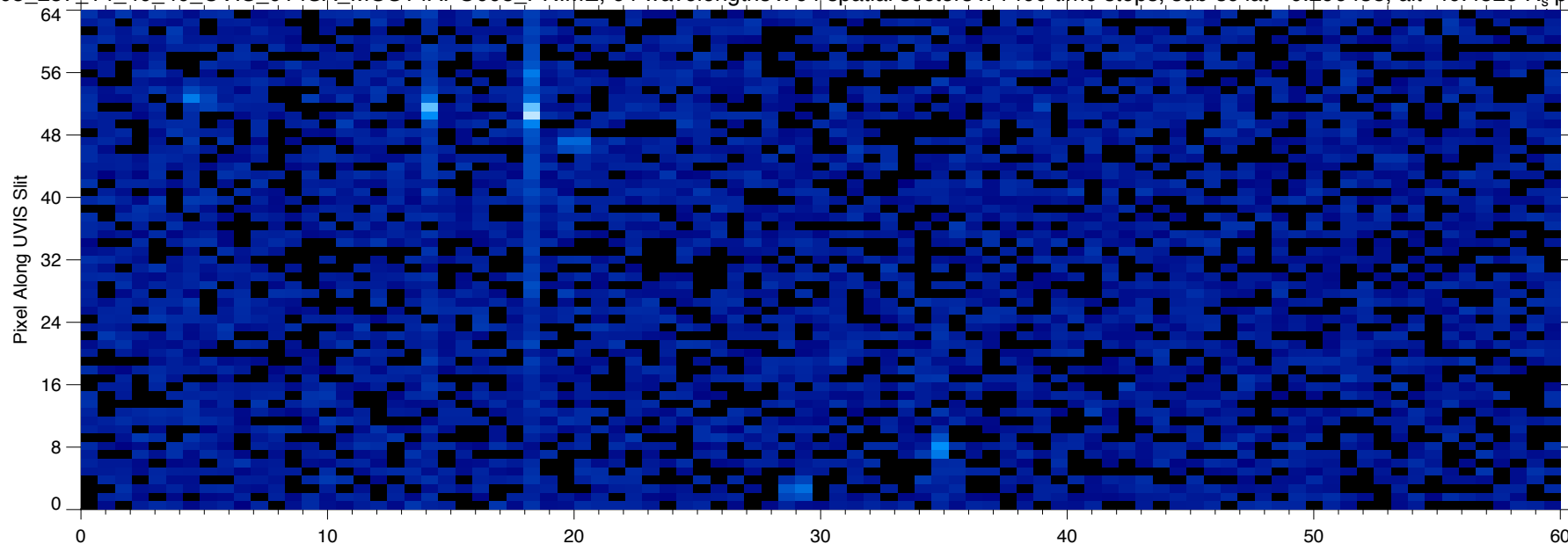
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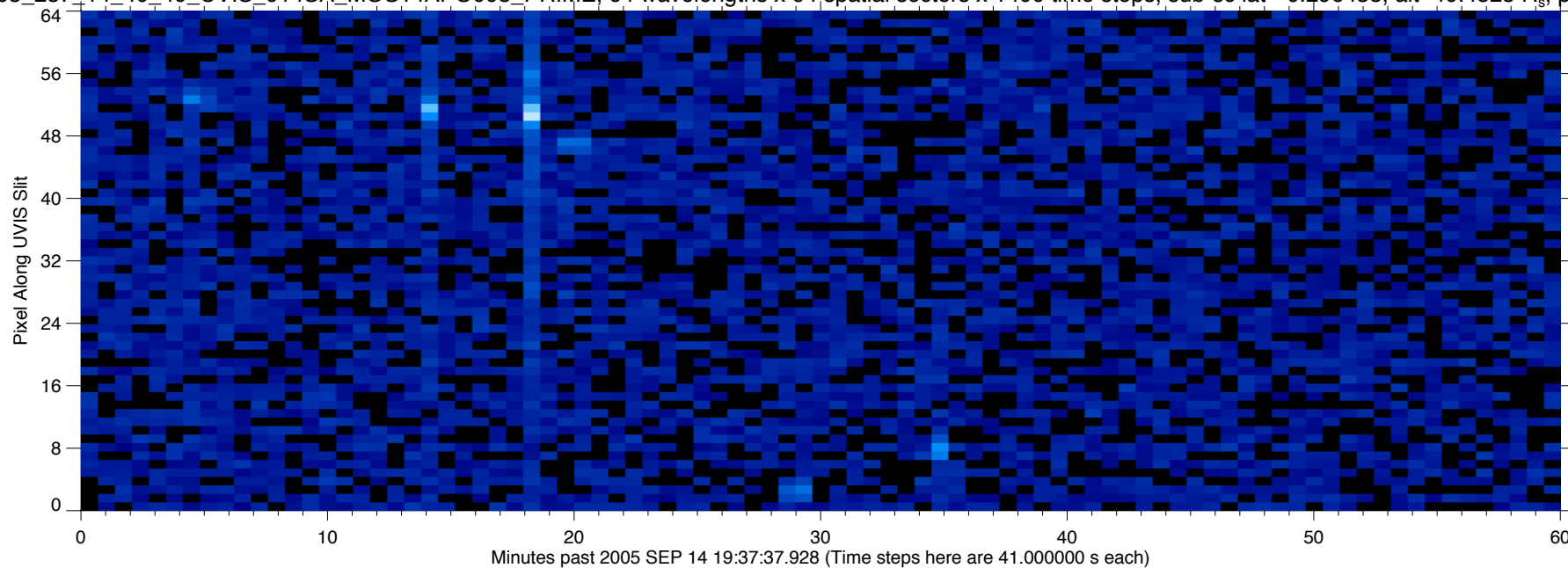
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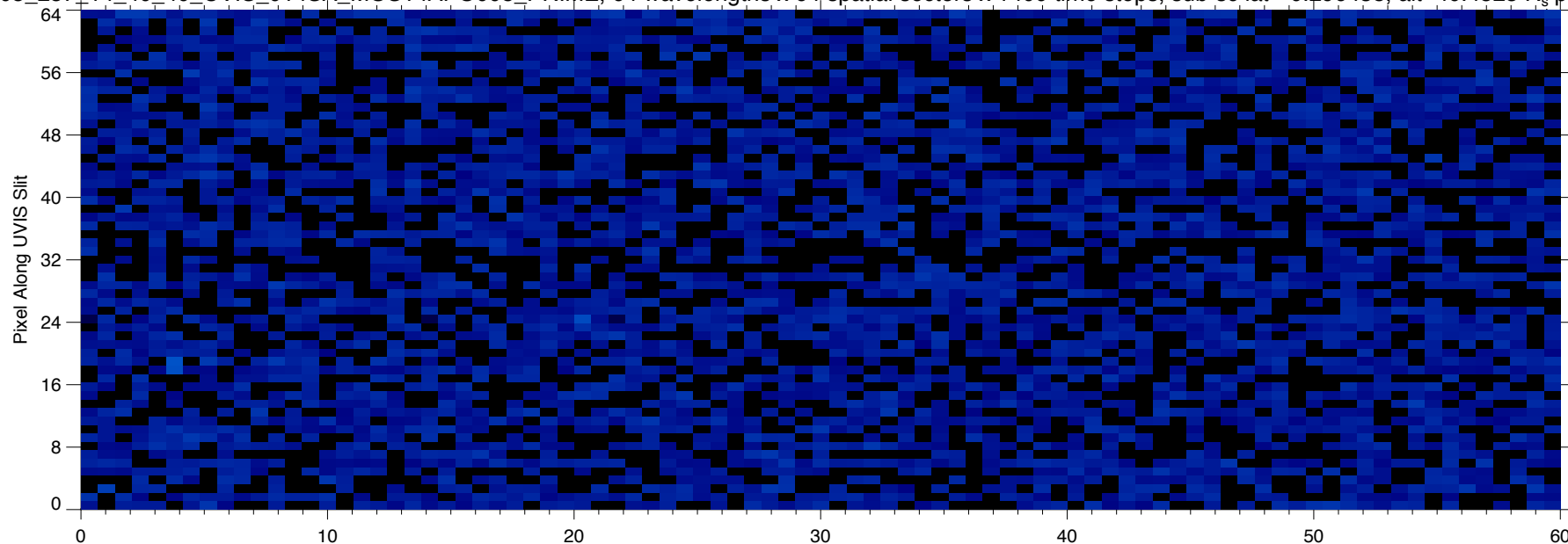
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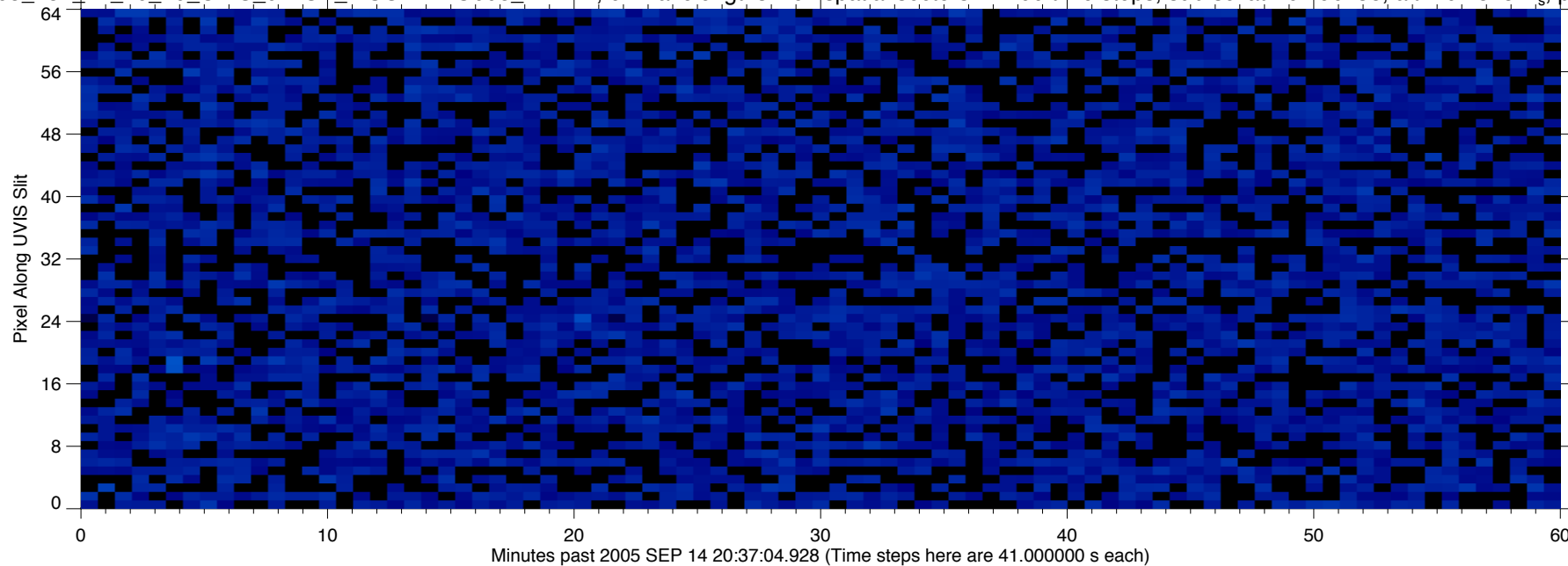
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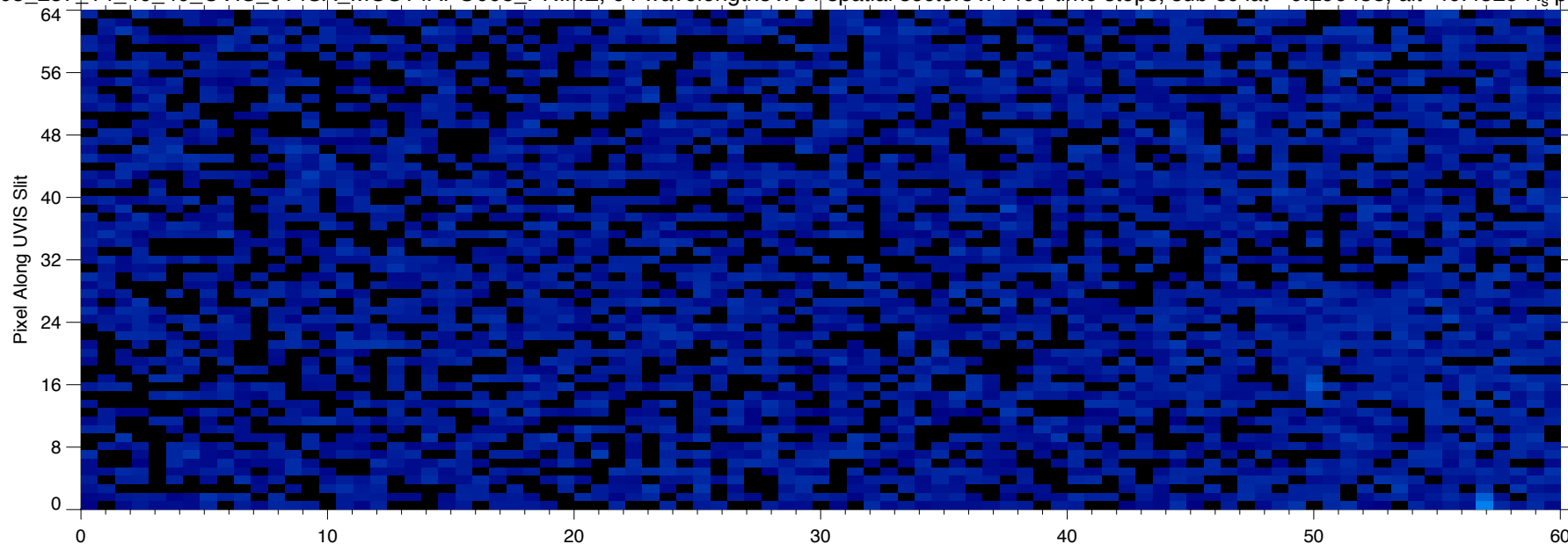
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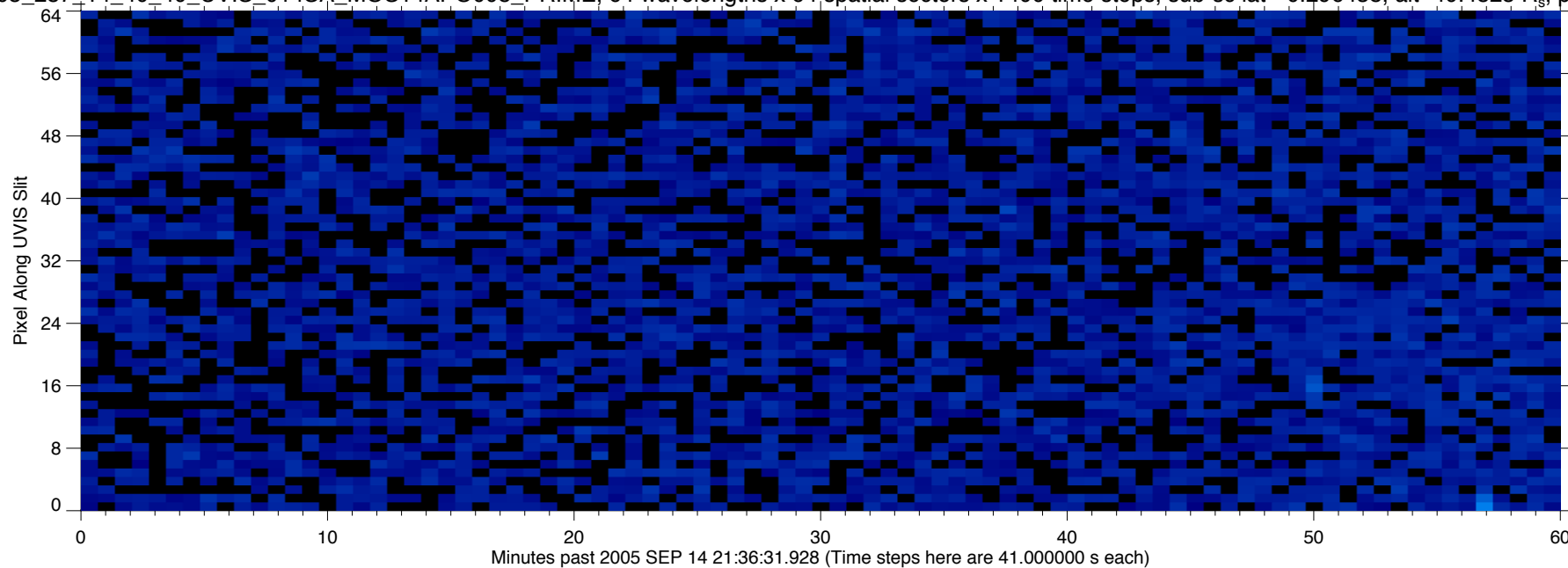
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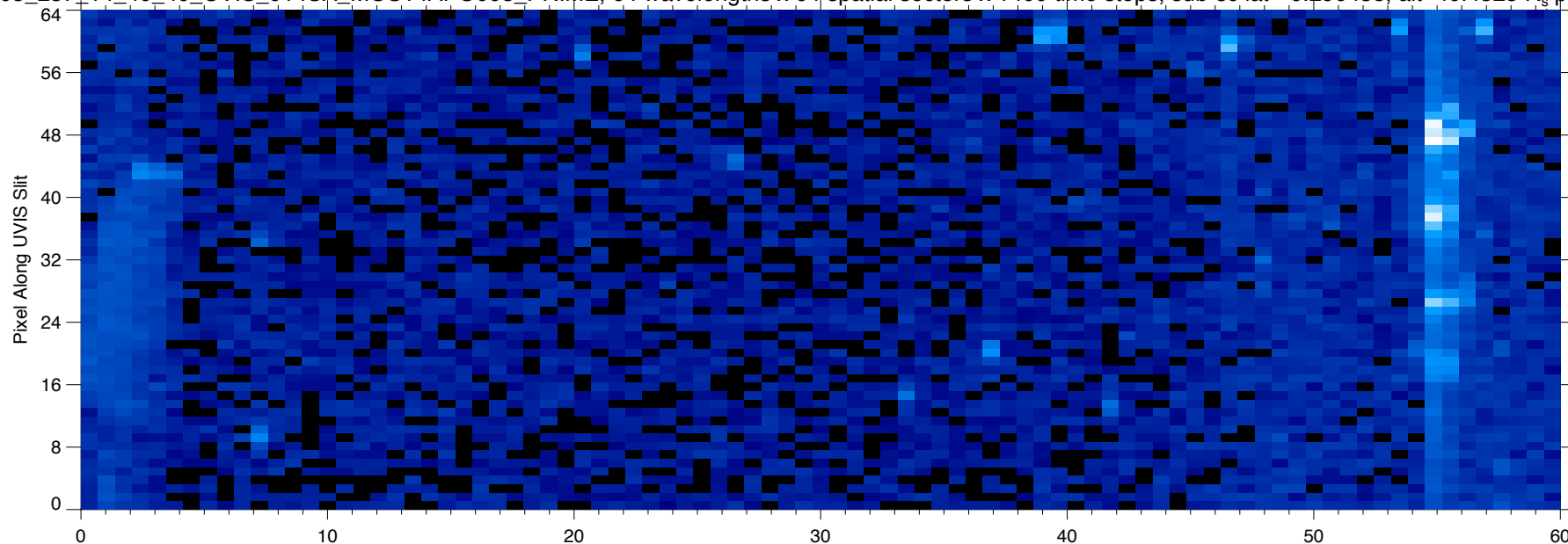
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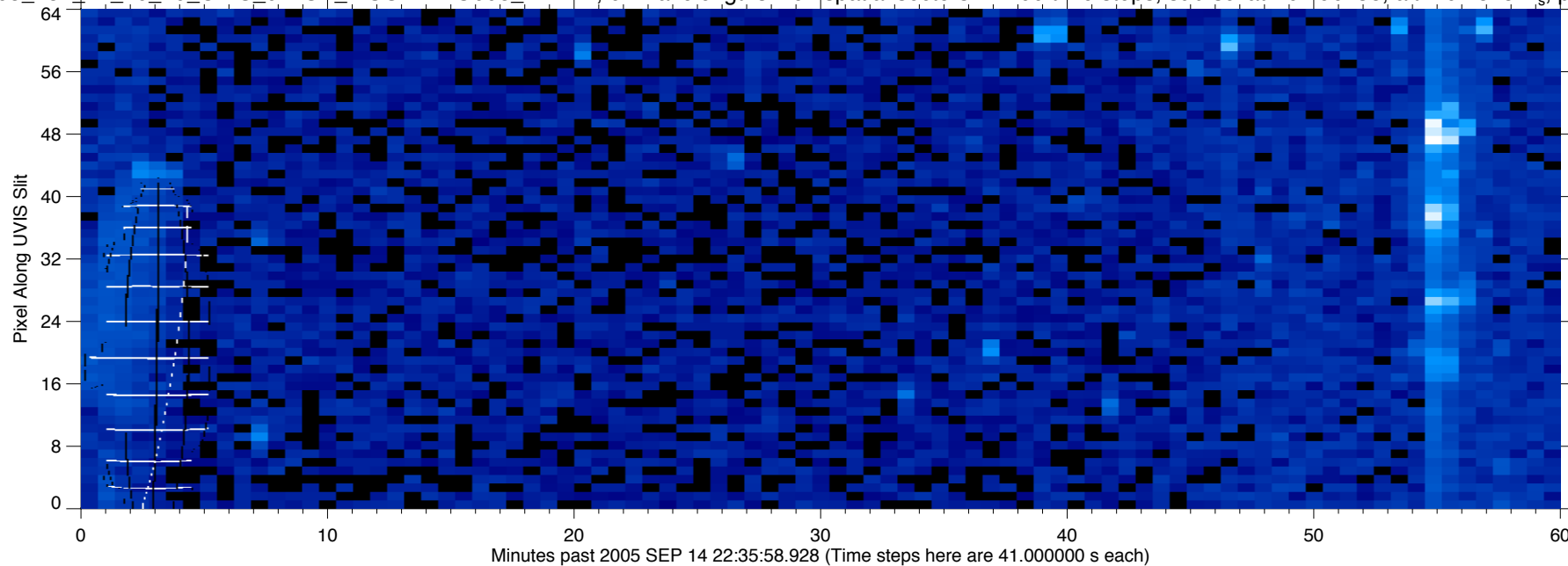
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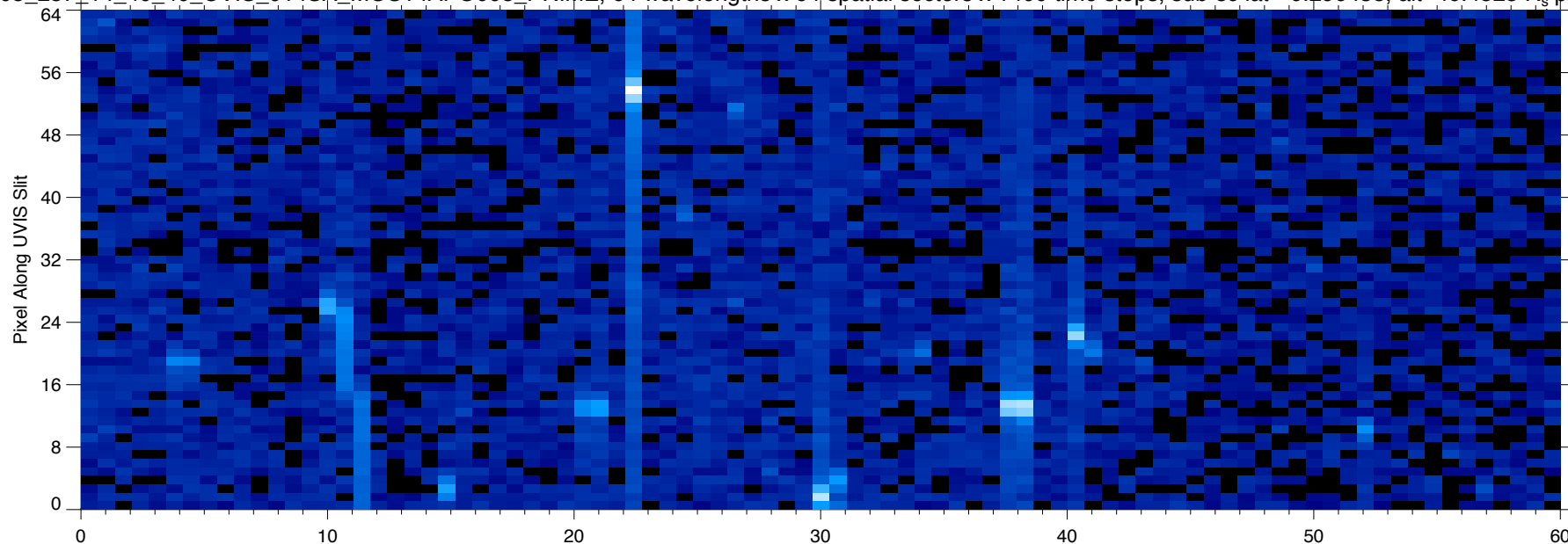
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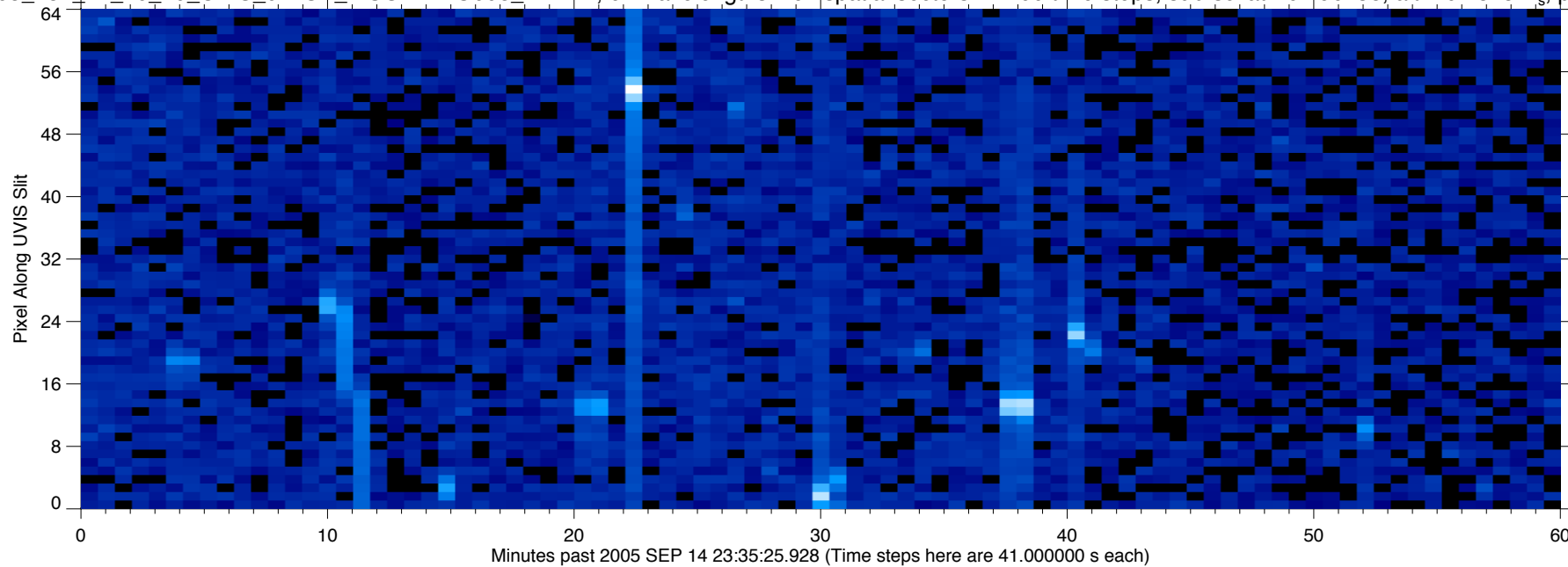
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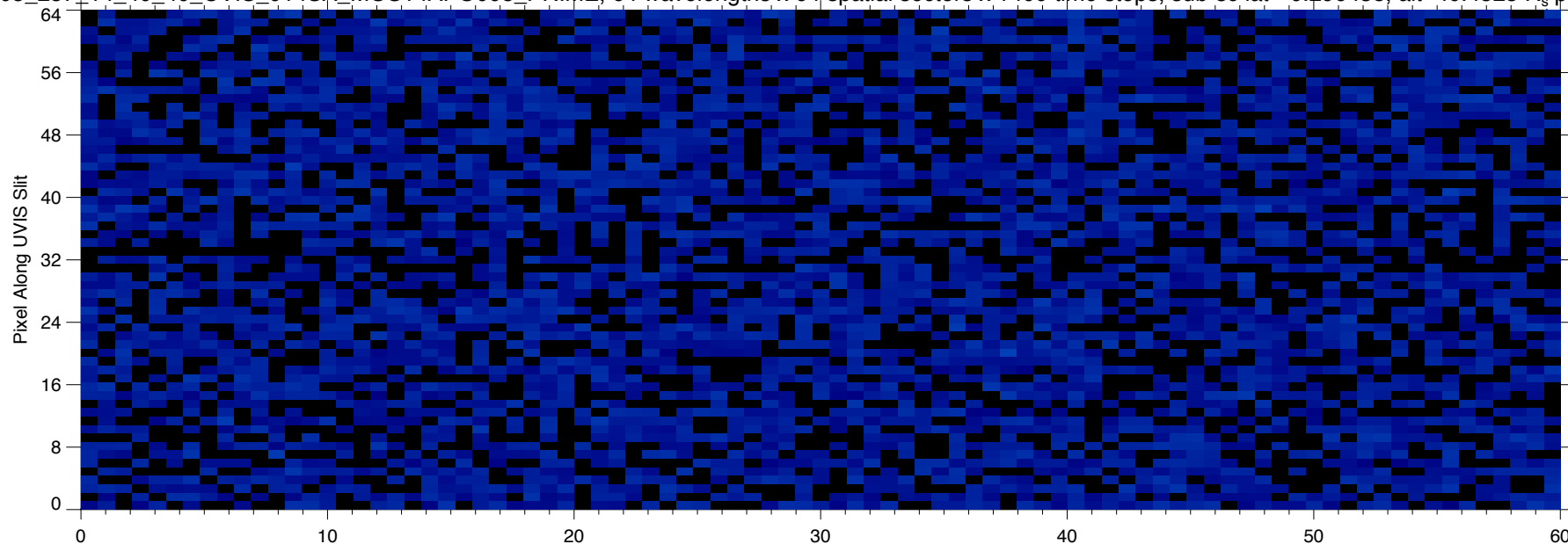
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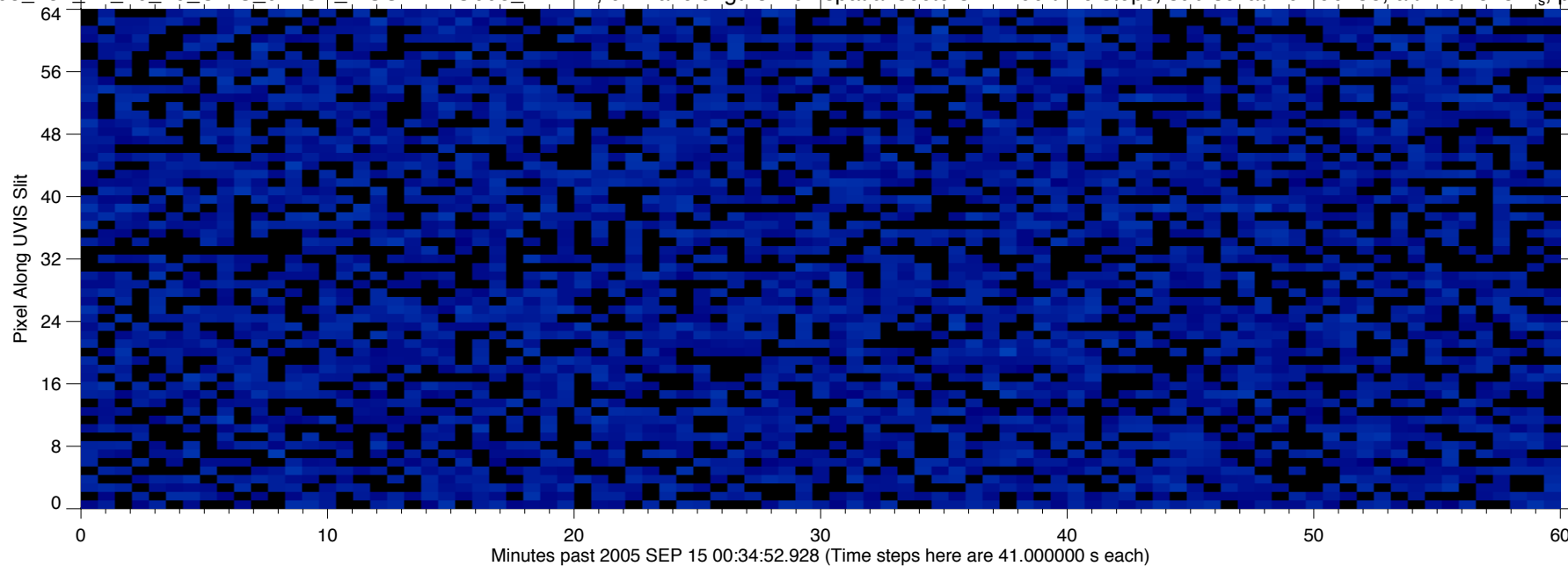
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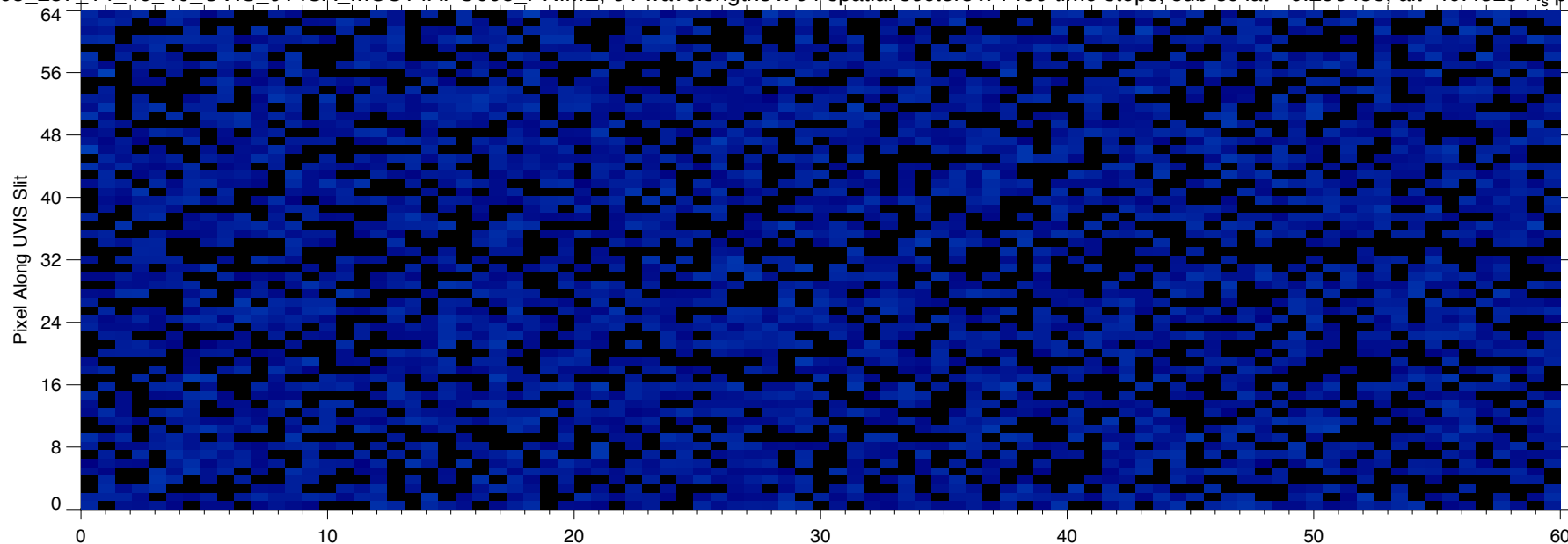
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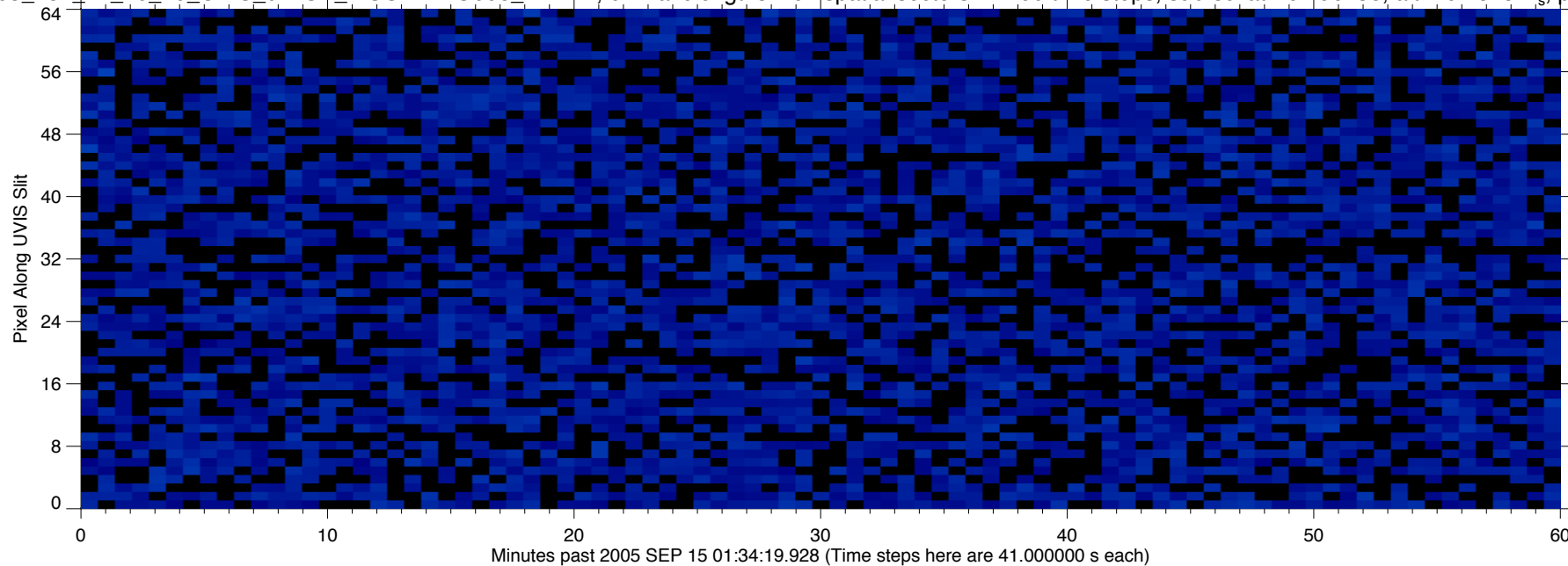
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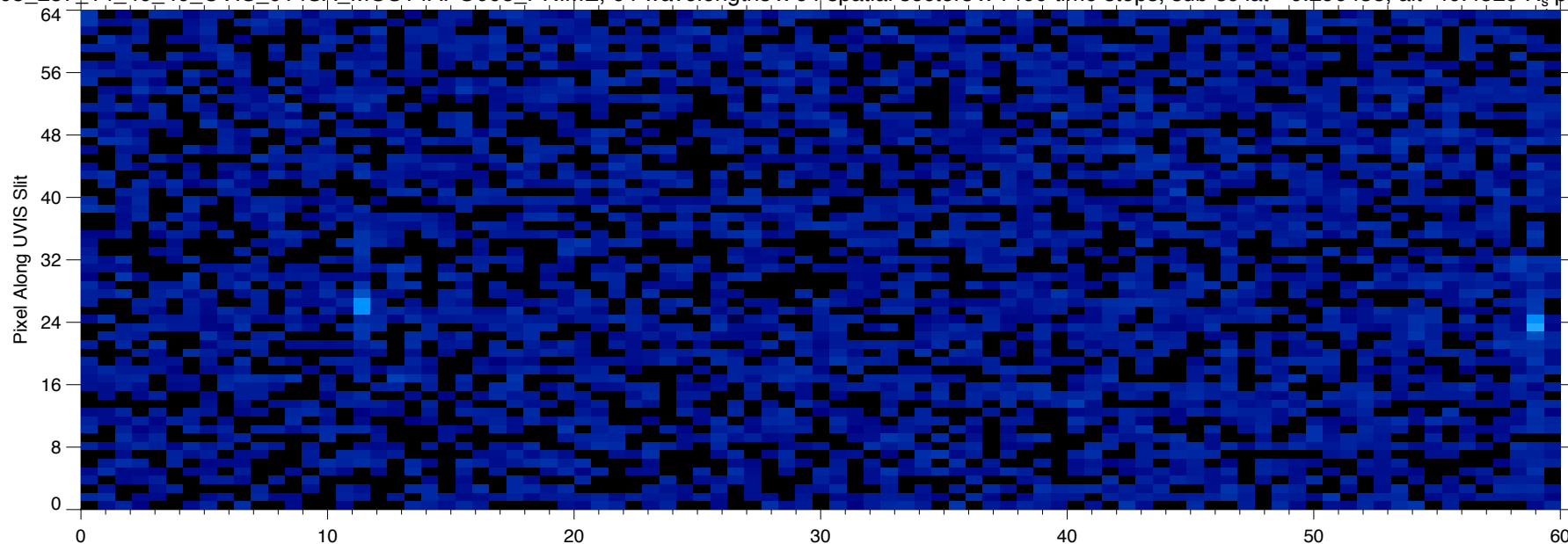
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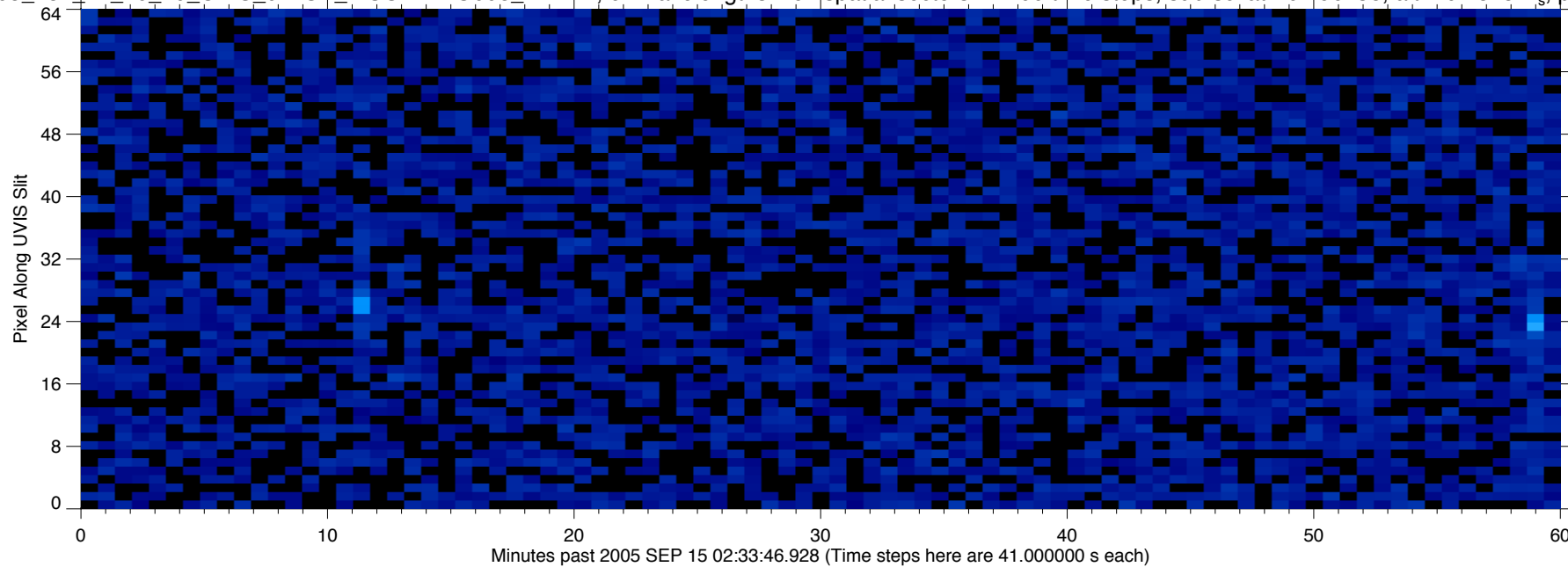
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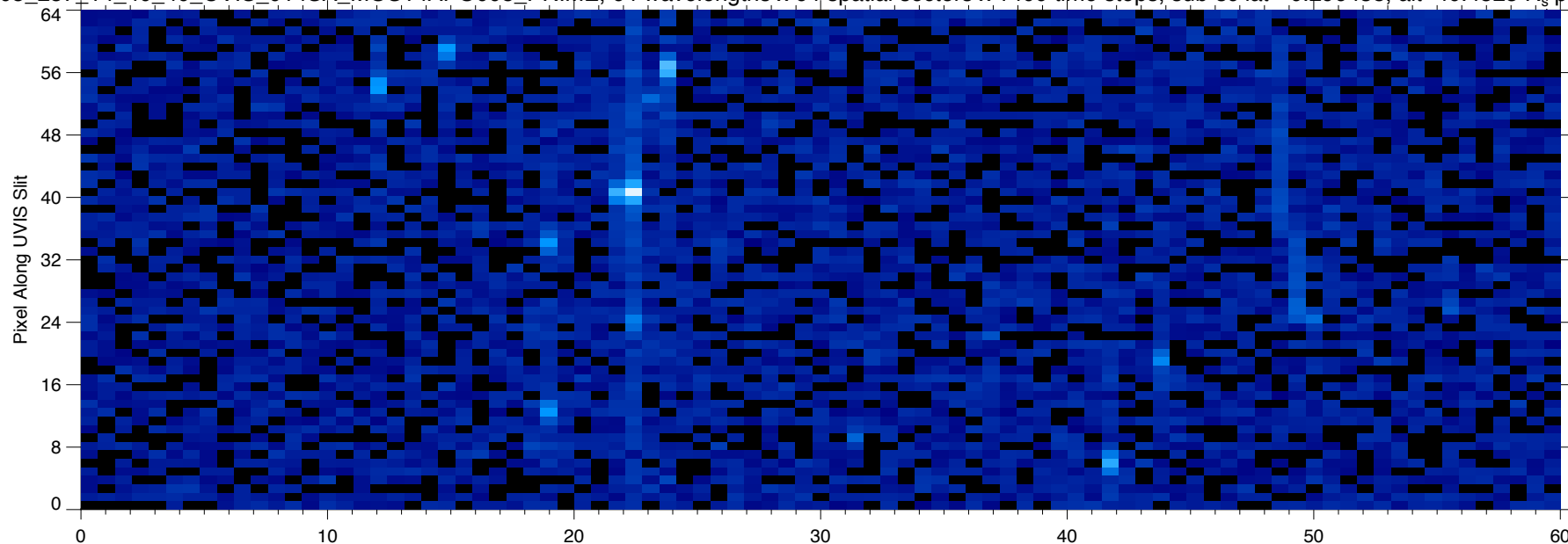
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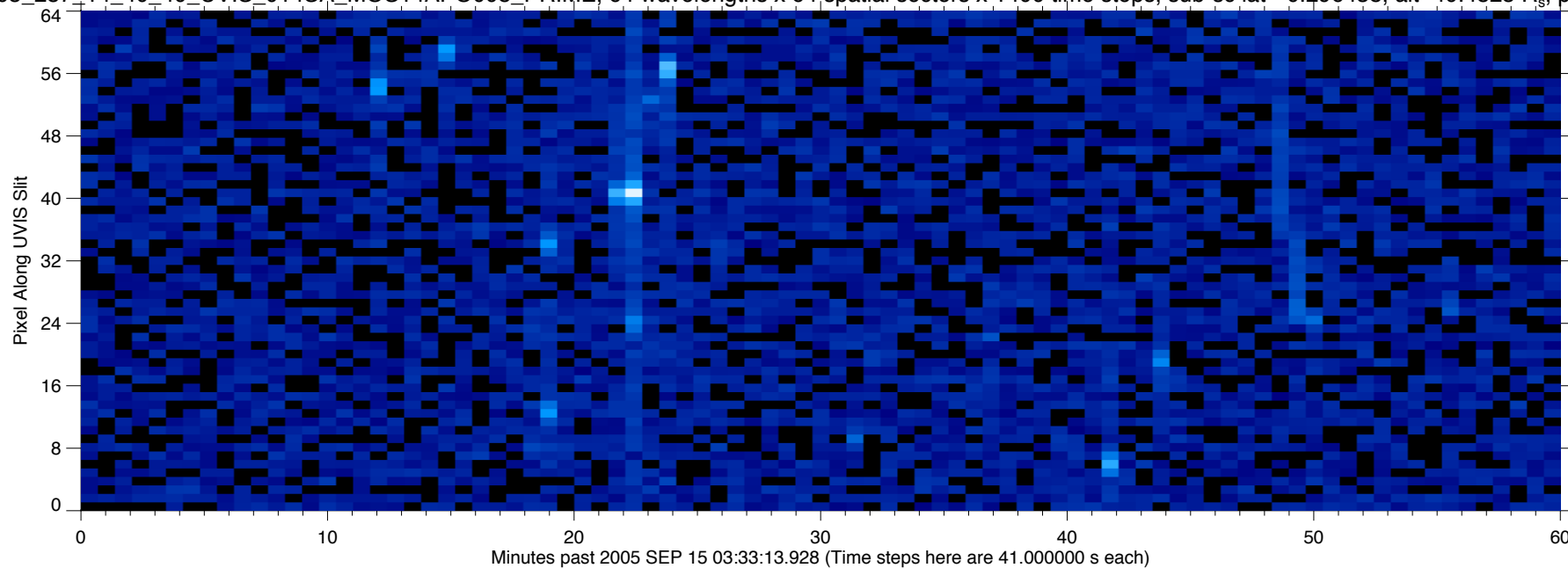
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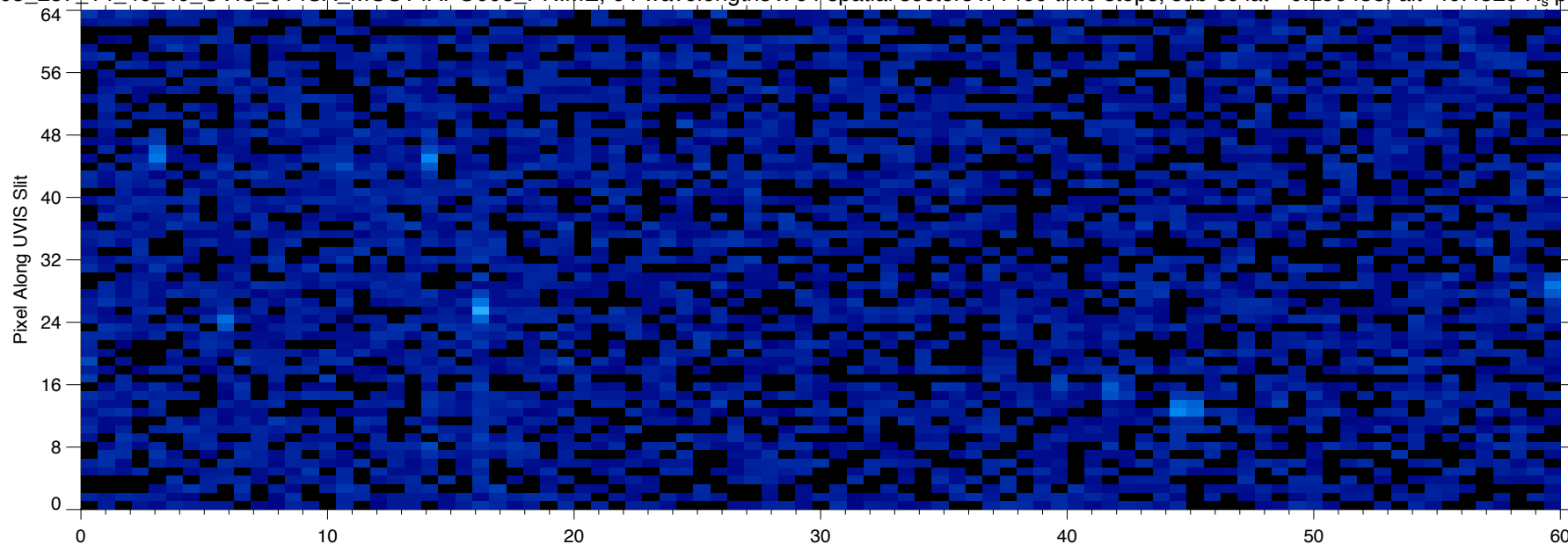
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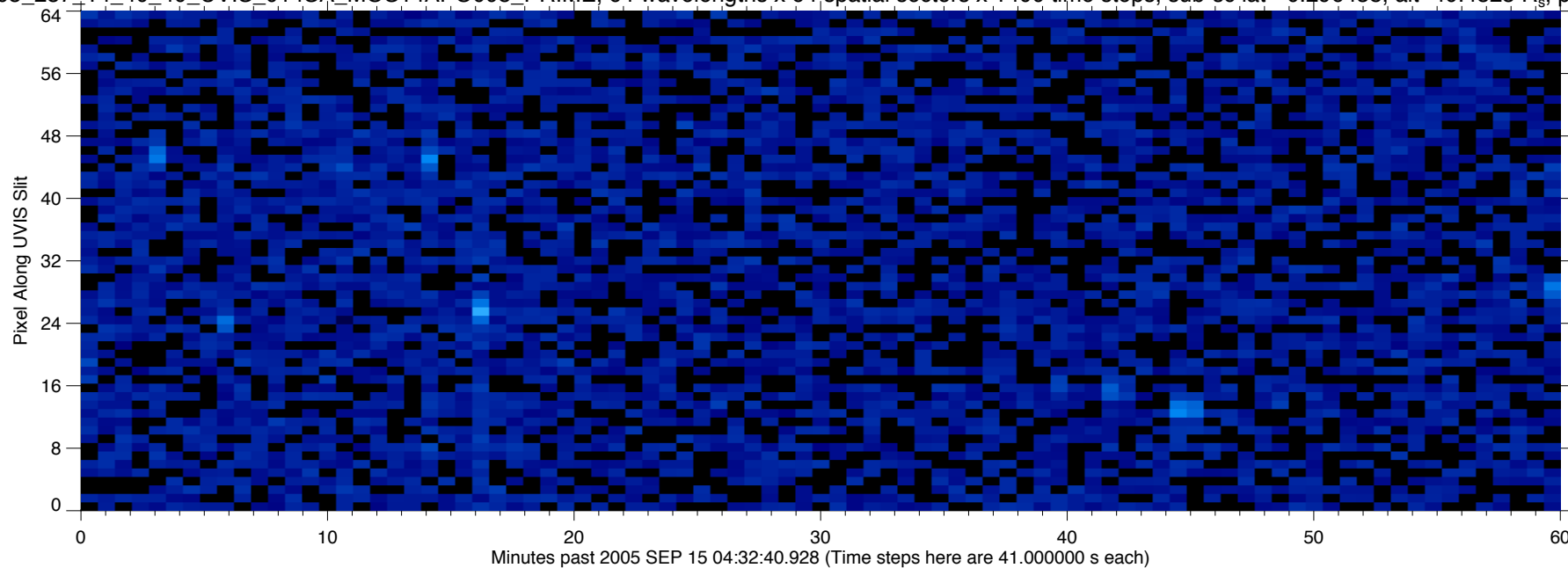
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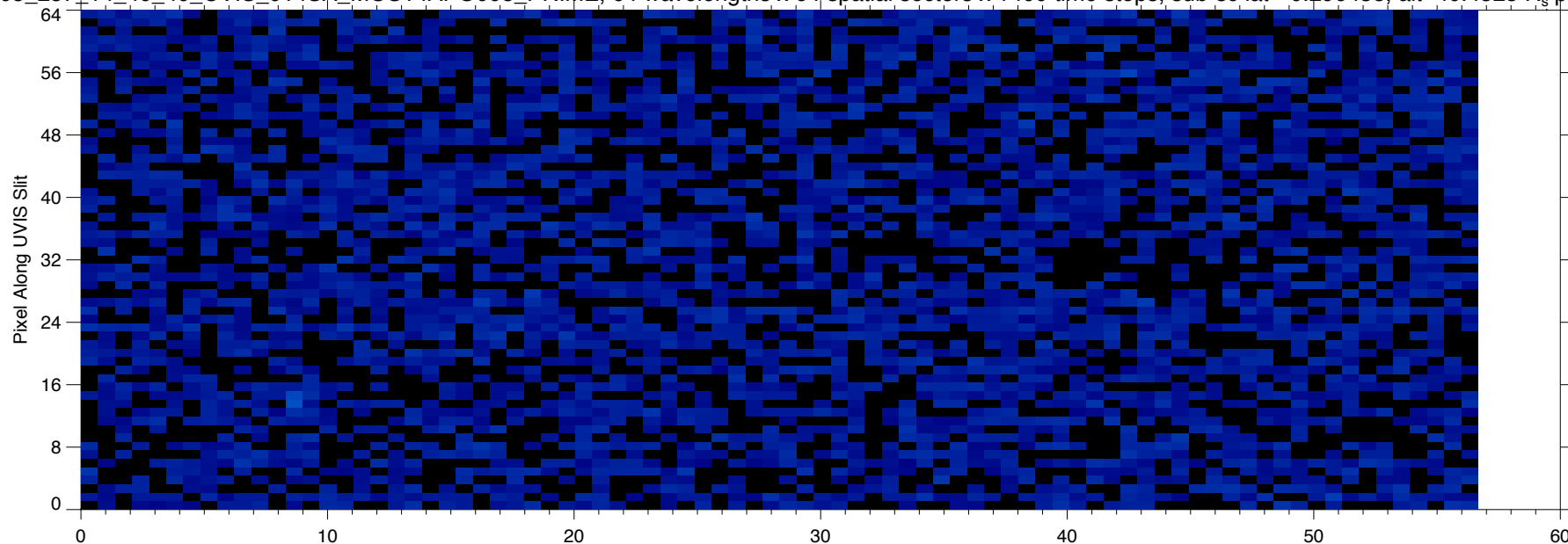
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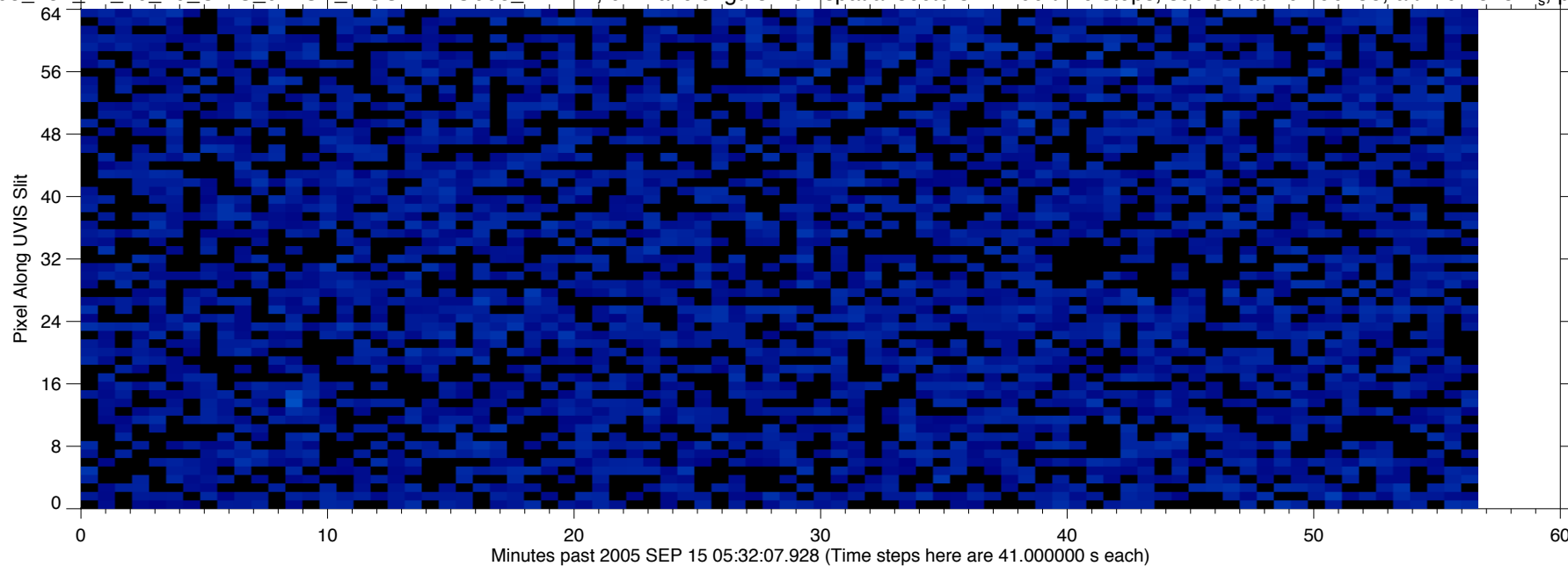
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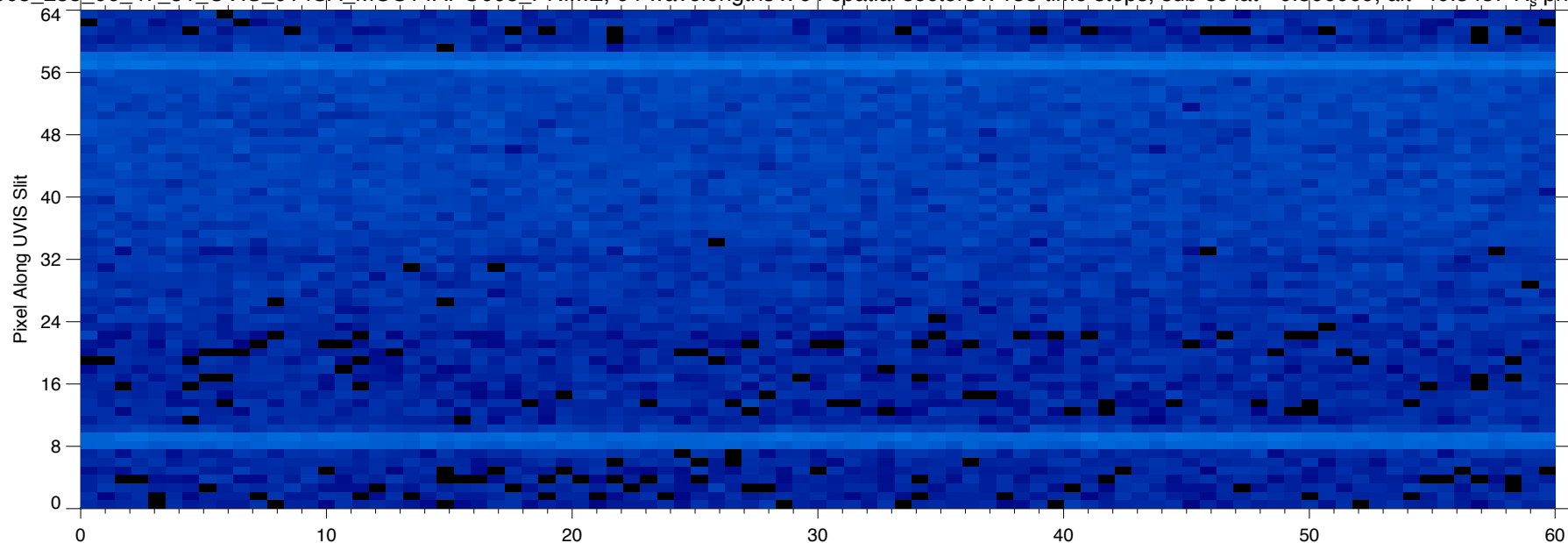
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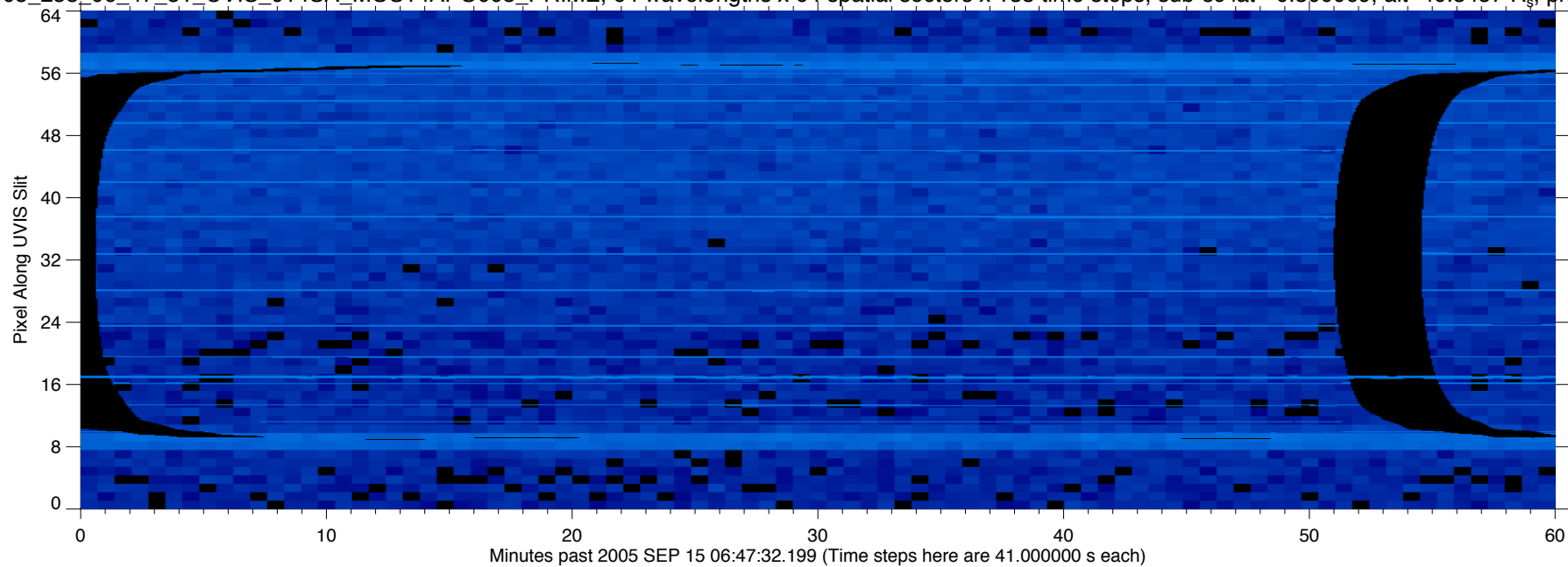
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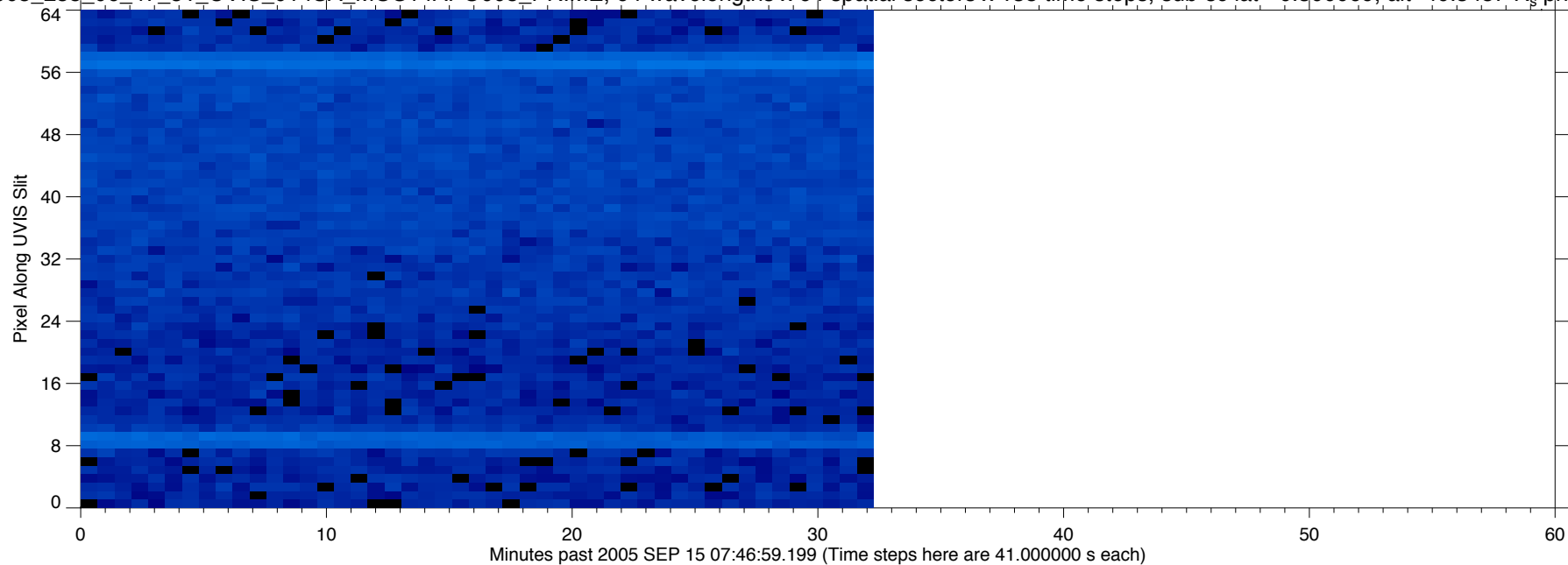
FUV2005_258_06_47_51_UVIS_014SA_MOS14APO008_PRIME, 64 wavelengths x 64 spatial sectors x 135 time steps, sub-sc lat=-0.300069, alt=40.3457 R_s, phase=72.0072



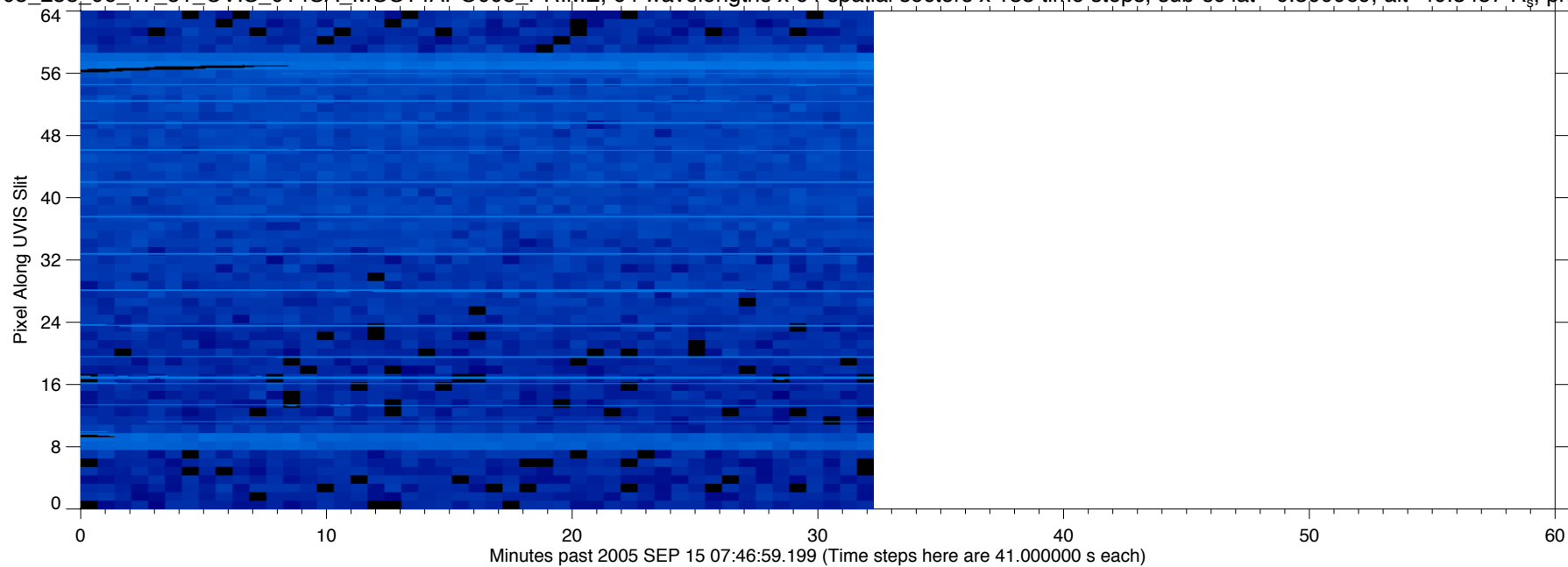
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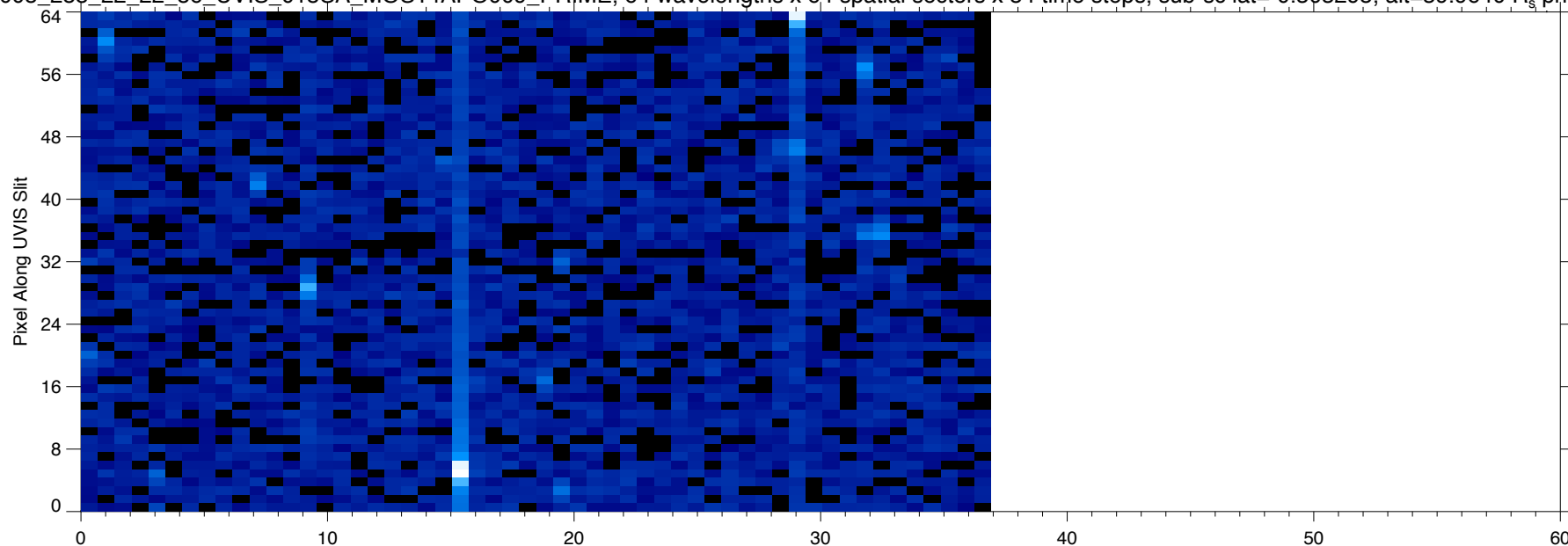
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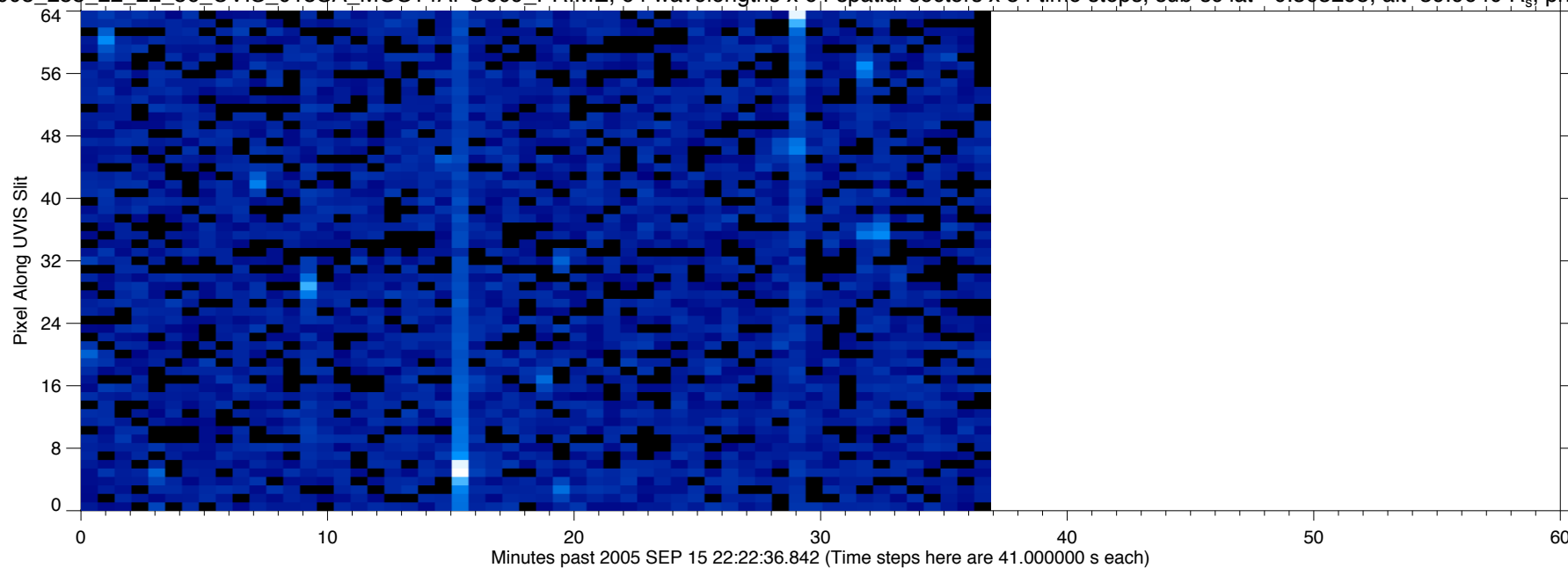
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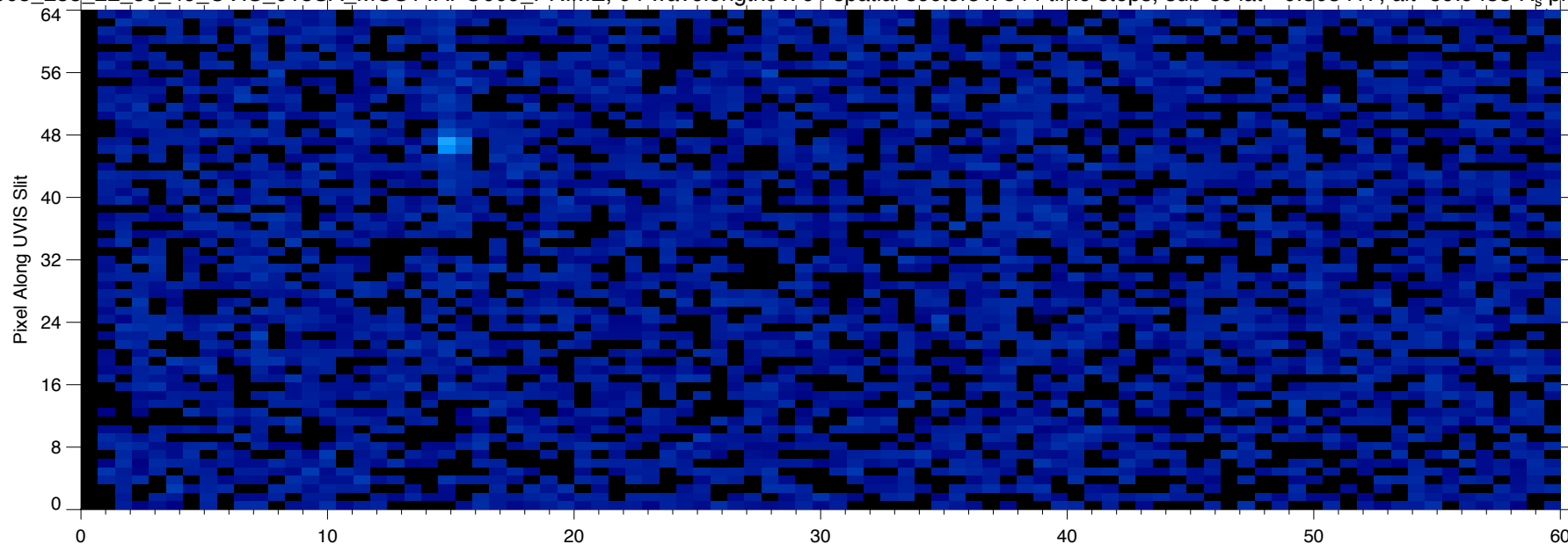
FUV2005_258_22_22_56_UVIS_015SA_MOS14APO009_PRIME, 64 wavelengths x 64 spatial sectors x 54 time steps, sub-sc lat=-0.303295, alt=39.9640 R_s phase=70.2730



FUV2005_258_22_22_56_UVIS_015SA_MOS14APO009_PRIME, 64 wavelengths x 64 spatial sectors x 54 time steps, sub-sc lat=-0.303295, alt=39.9640 R_s phase=70.2730

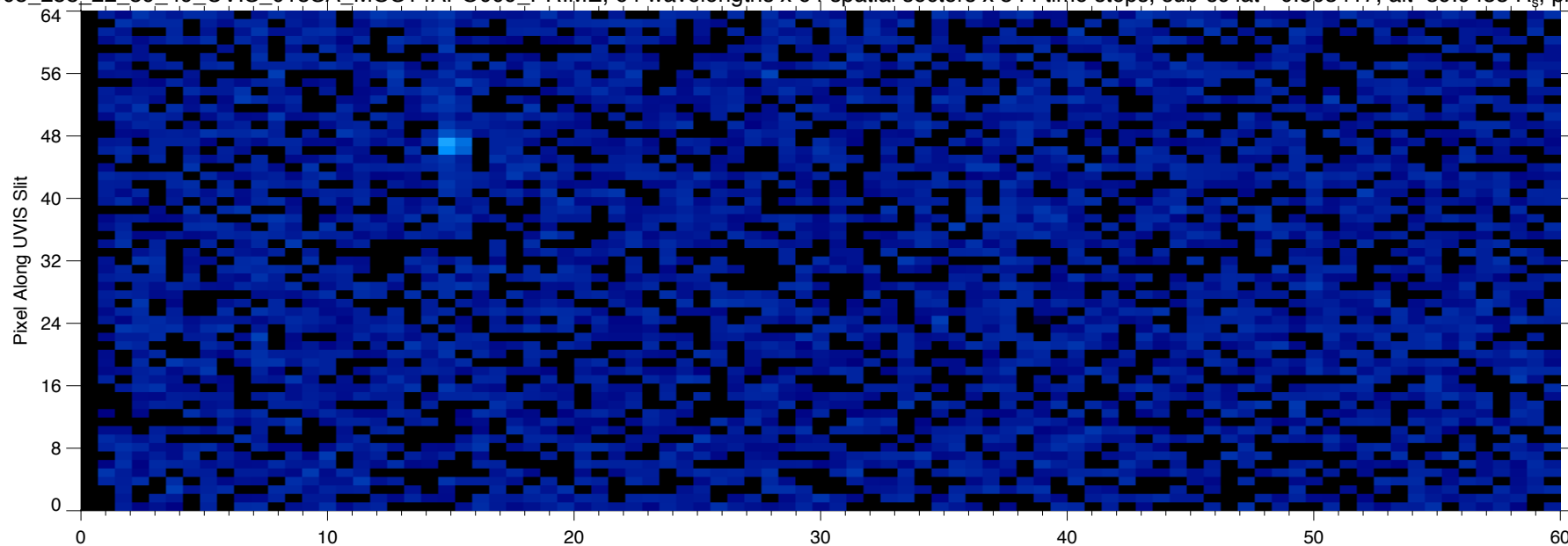


FUV2005_258_22_59_49_UVIS_015SA_MOS14APO009_PRIME, 64 wavelengths x 64 spatial sectors x 544 time steps, sub-sc lat=-0.303417, alt=39.9433 R_s, phase=70.2039



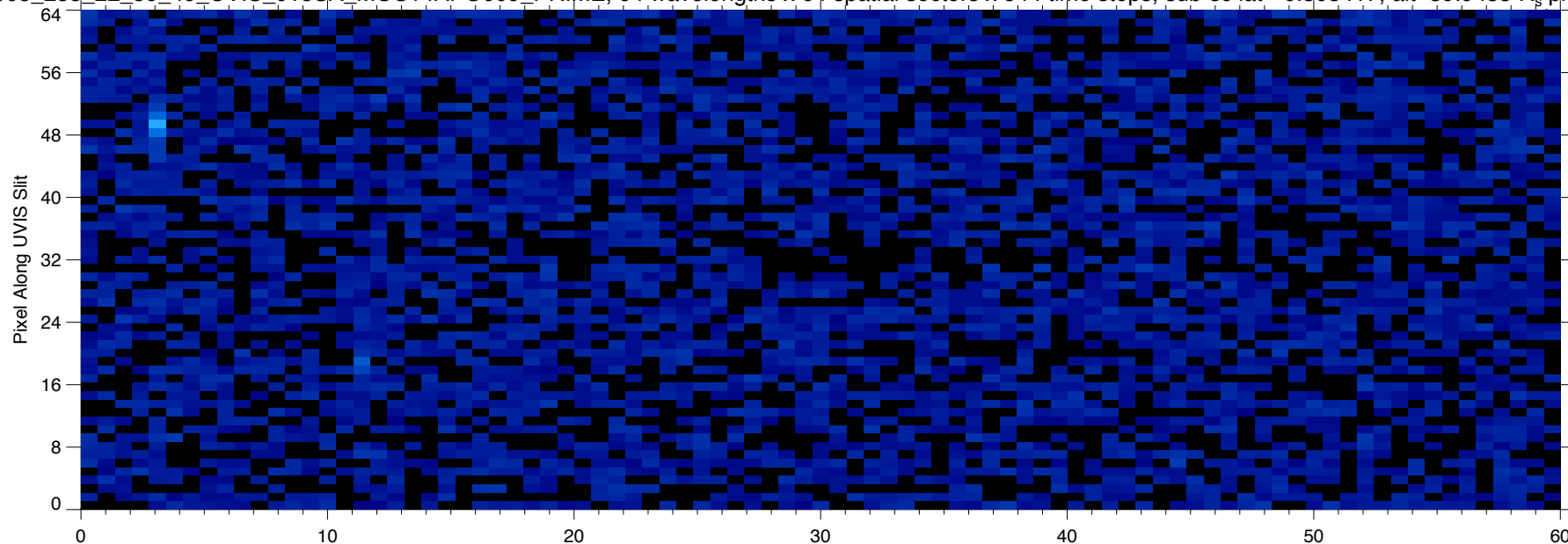
Minutes past 2005 SEP 15 22:59:30.699 (Time steps here are 41.000000 s each)

FUV2005_258_22_59_49_UVIS_015SA_MOS14APO009_PRIME, 64 wavelengths x 64 spatial sectors x 544 time steps, sub-sc lat=-0.303417, alt=39.9433 R_s, phase=70.2039

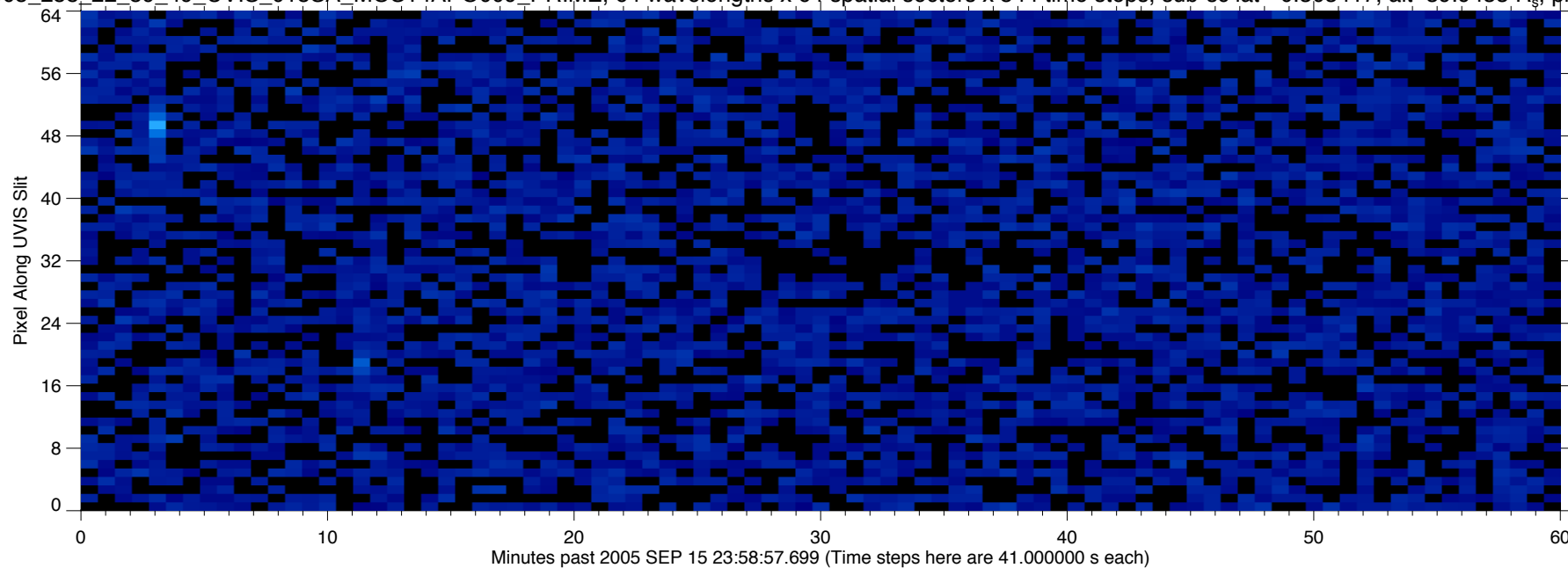


Minutes past 2005 SEP 15 22:59:30.699 (Time steps here are 41.000000 s each)

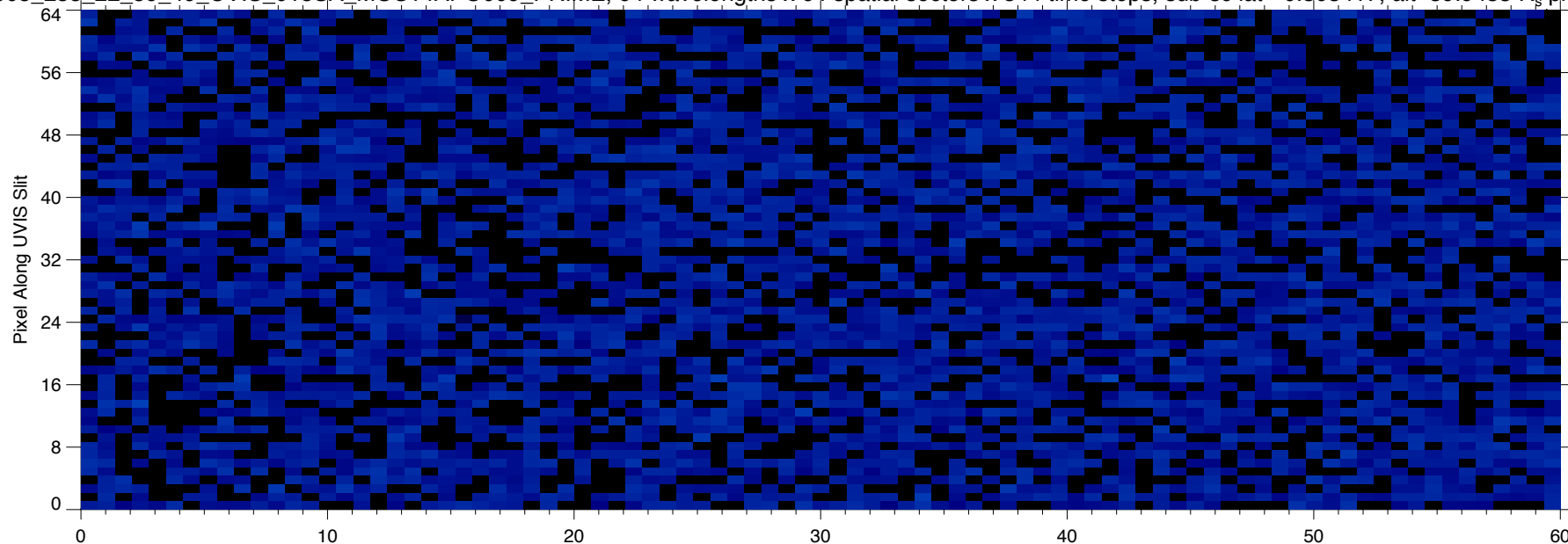
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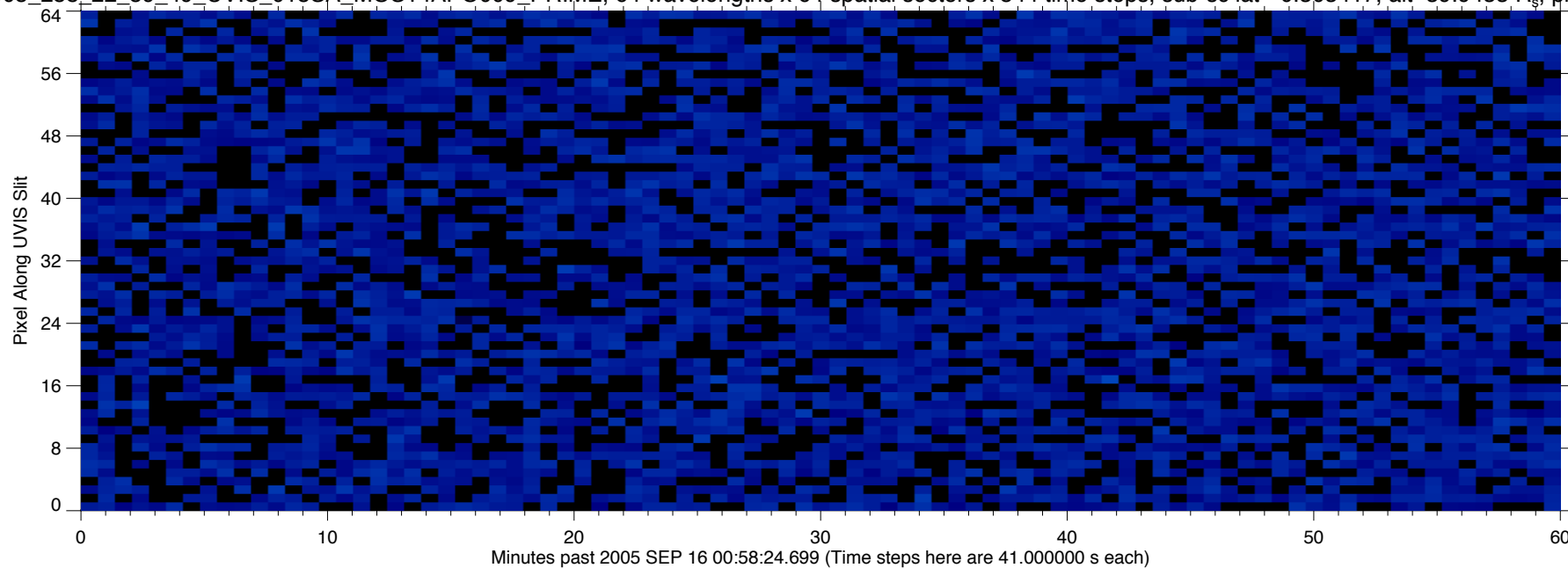
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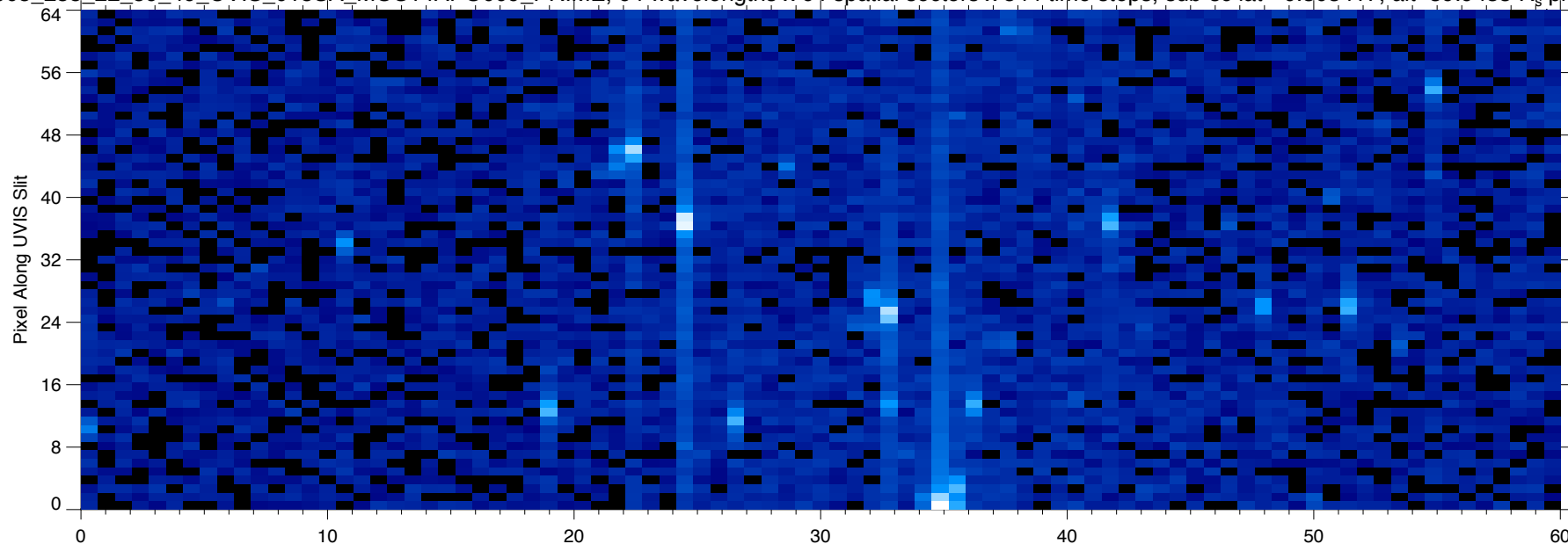
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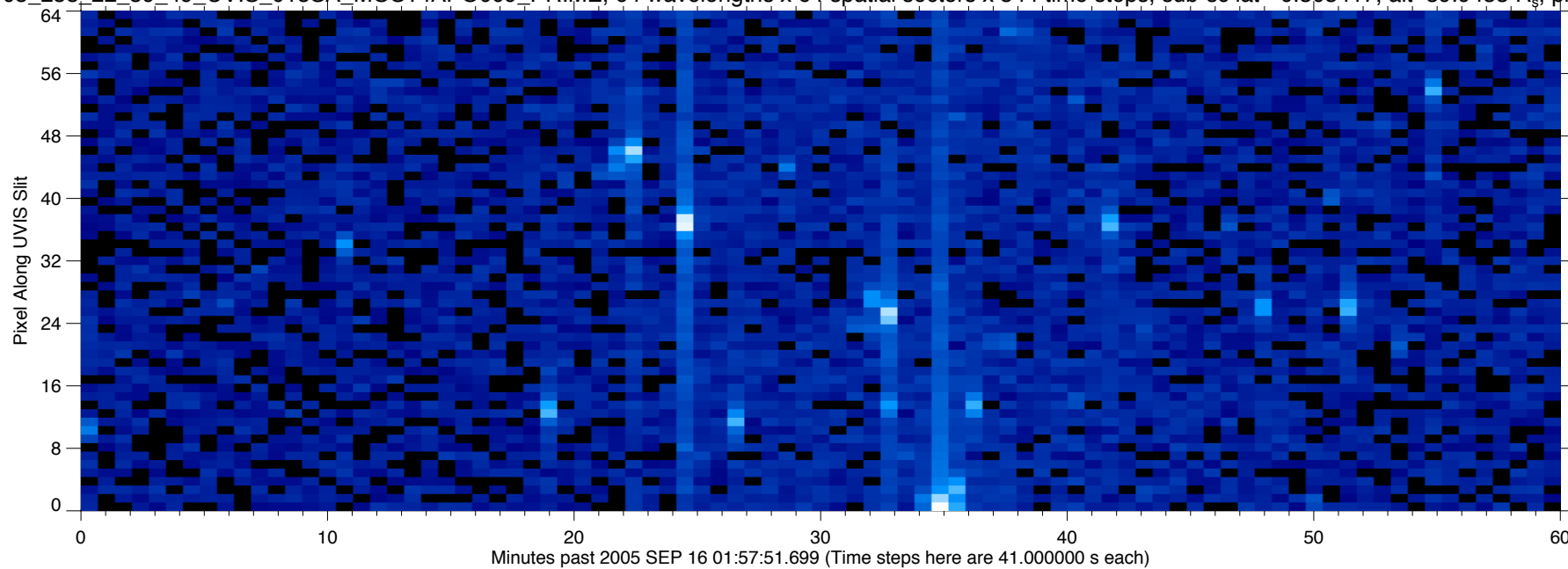
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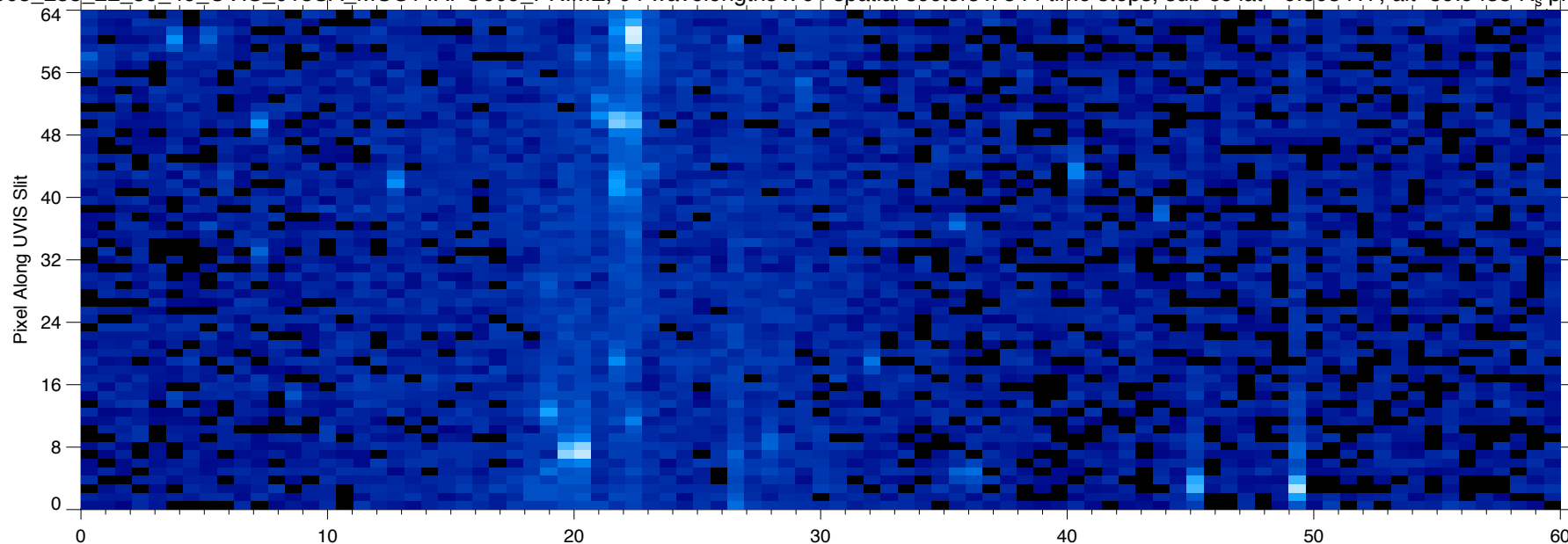
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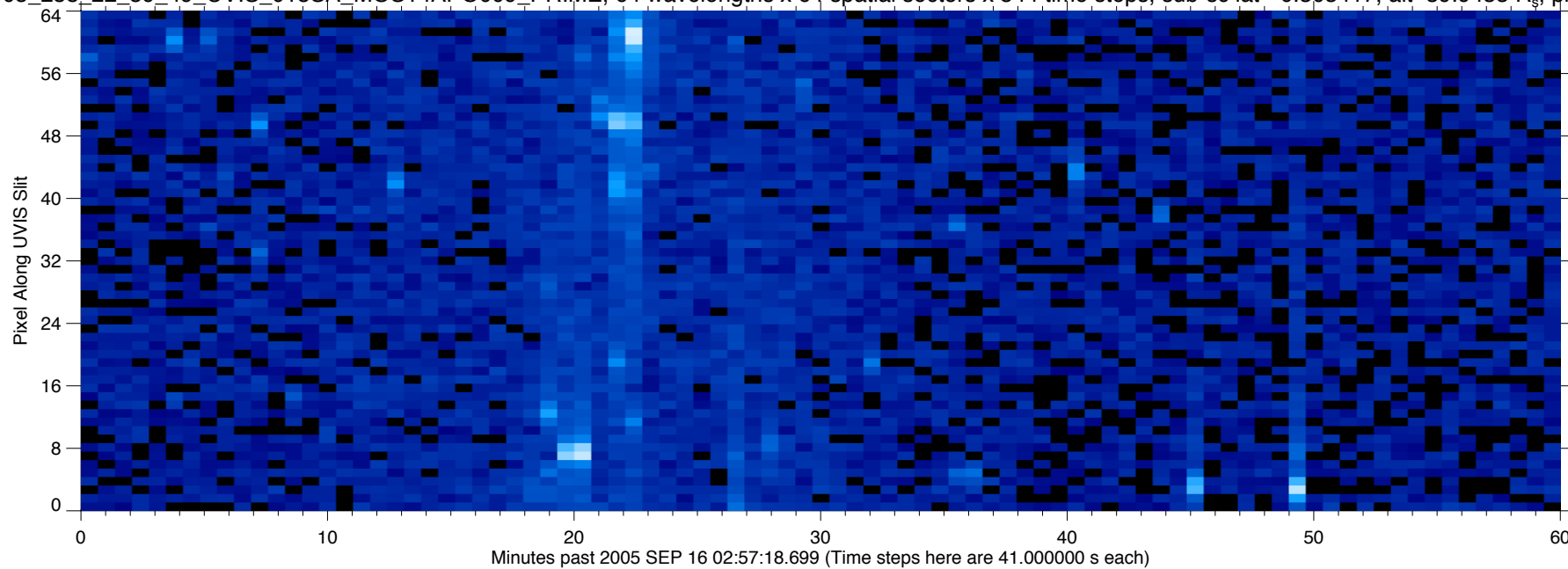
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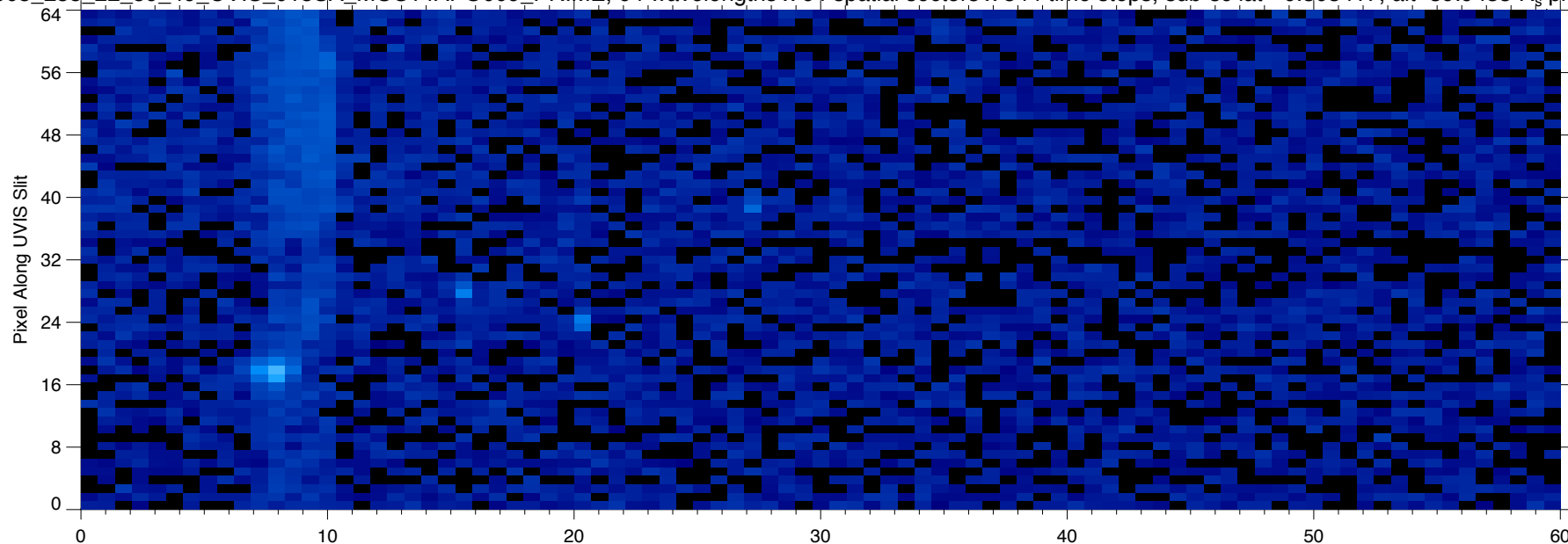
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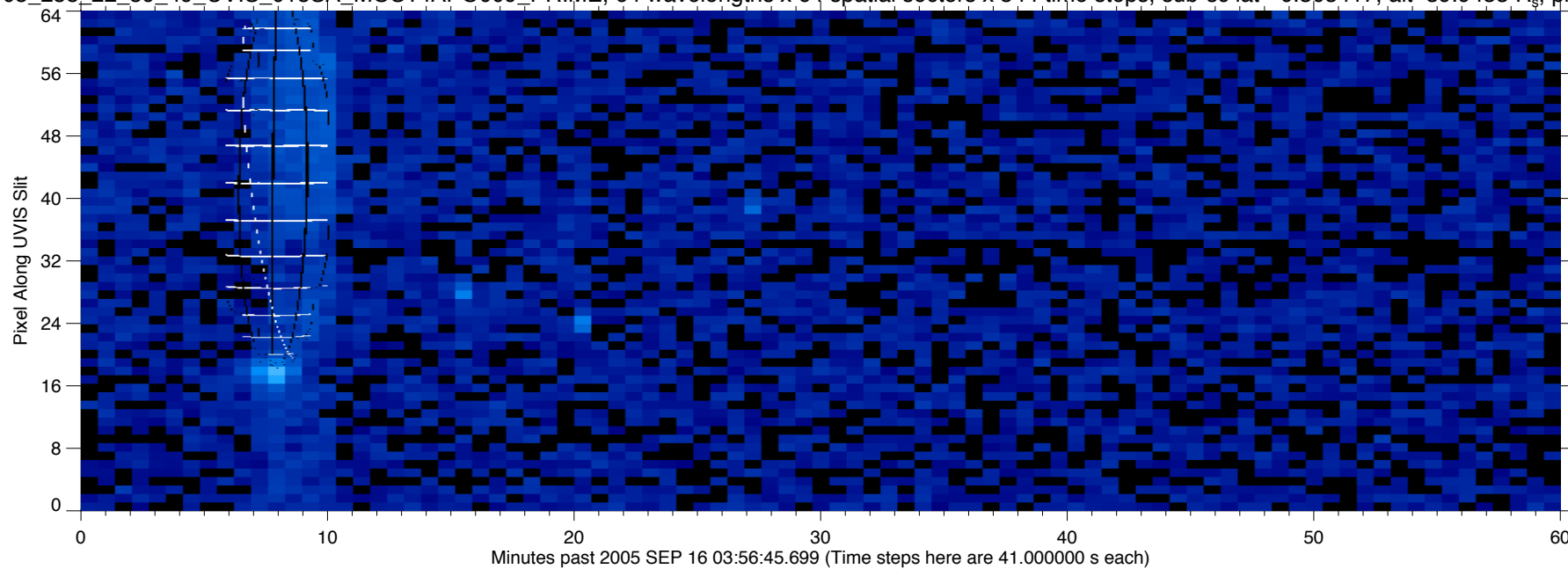
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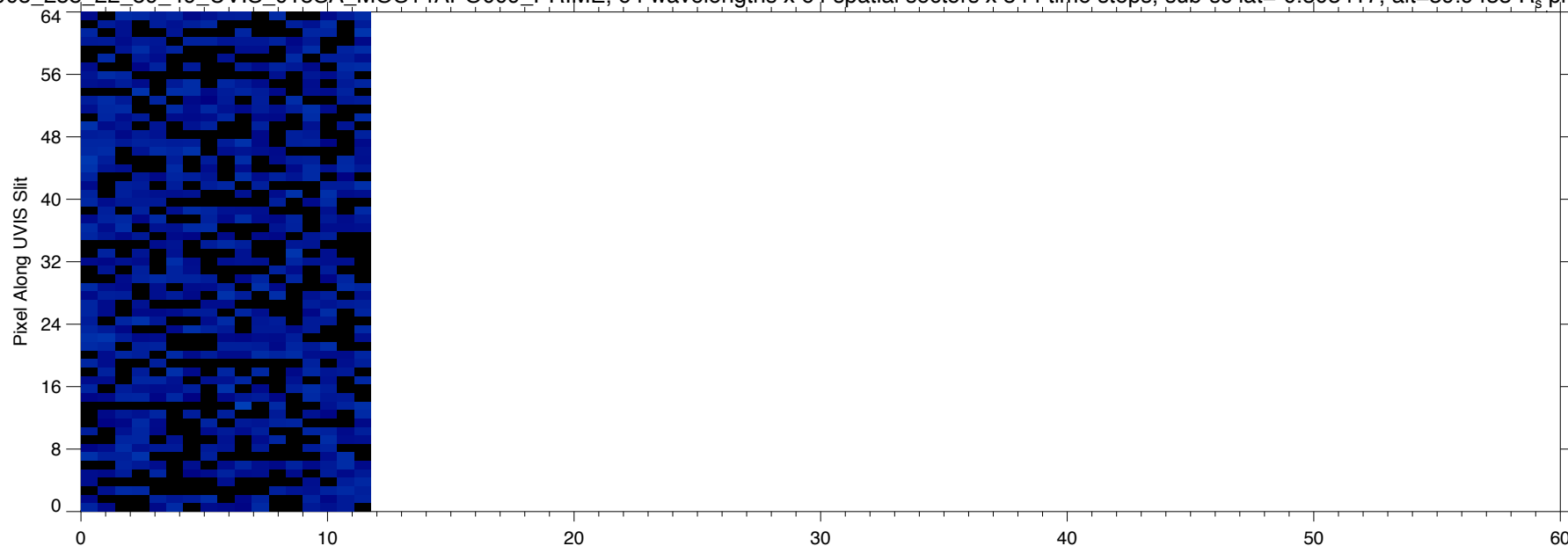
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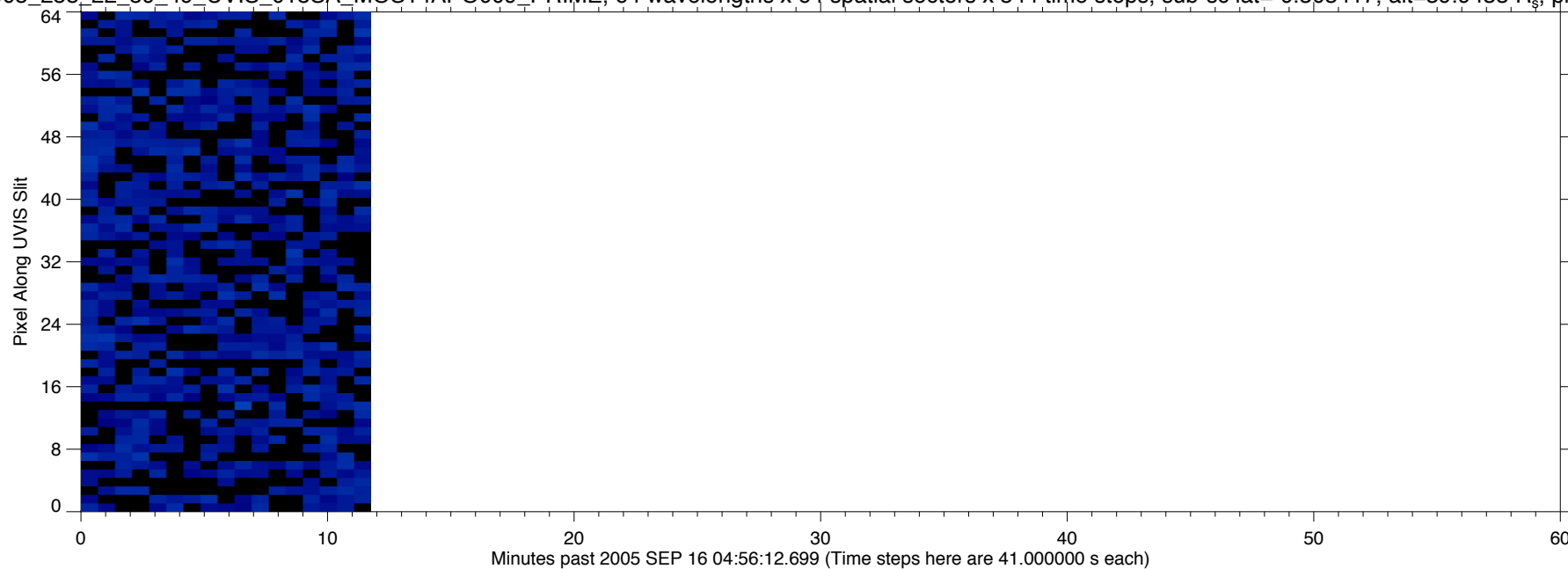
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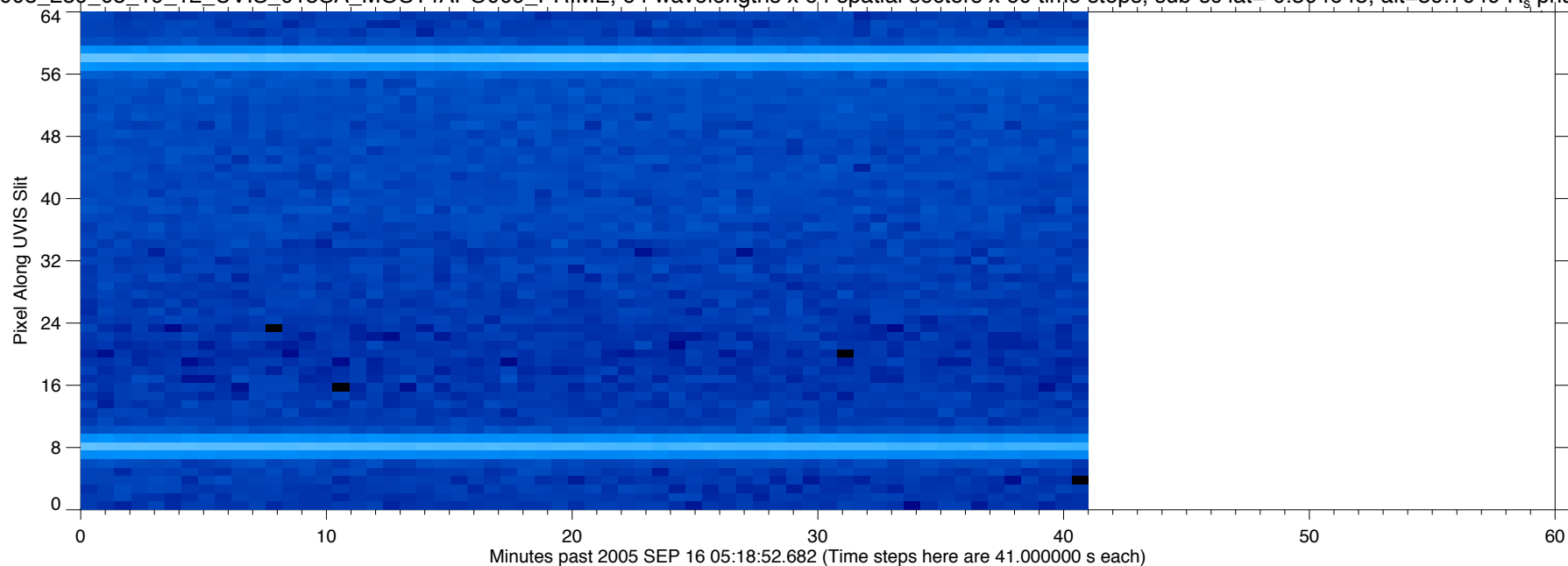
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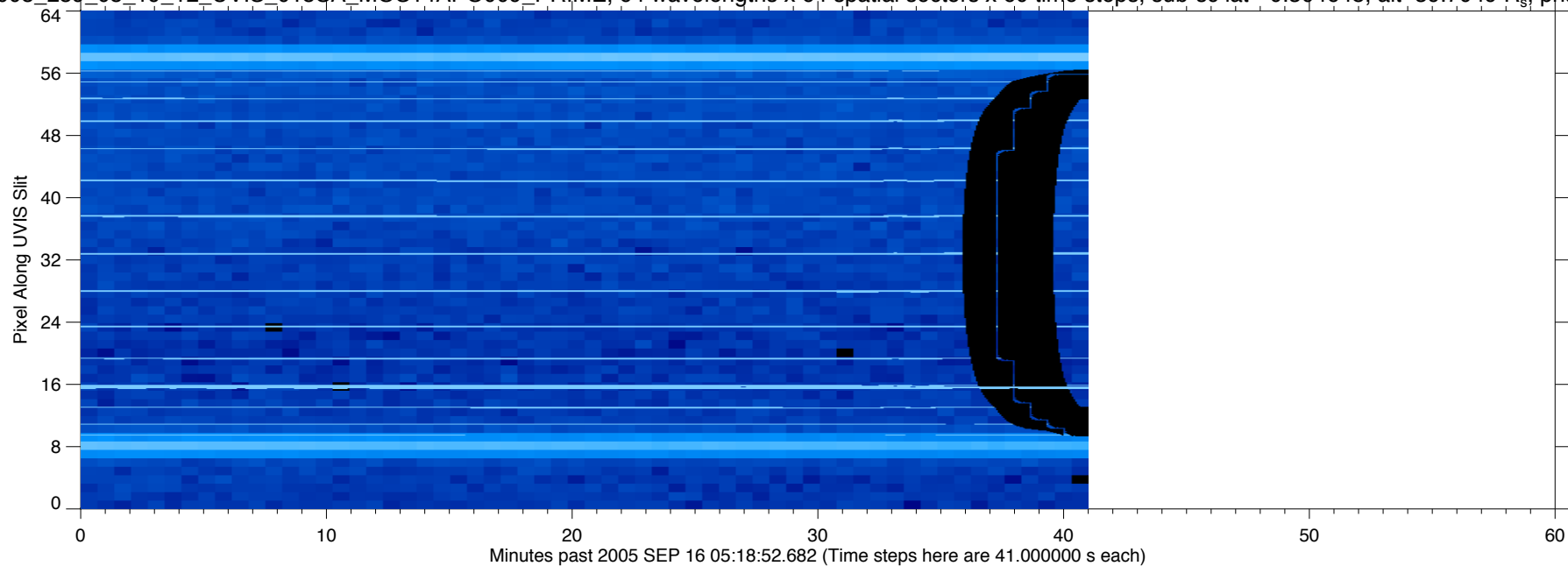
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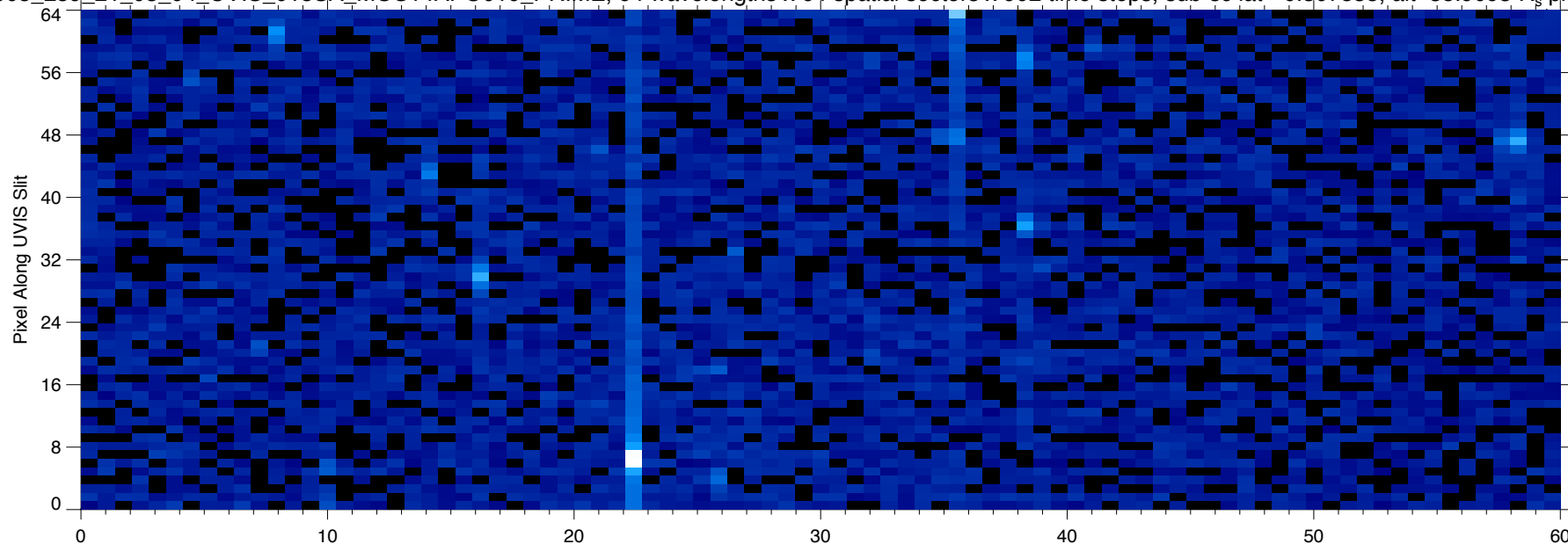
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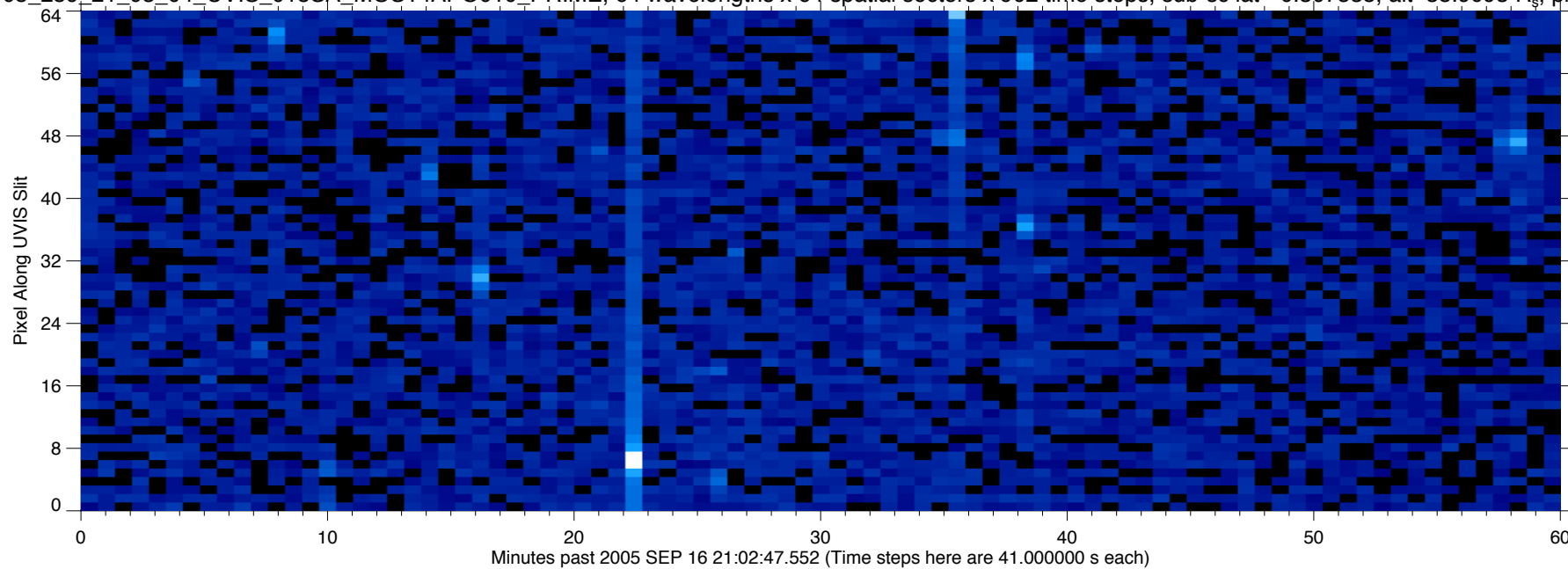
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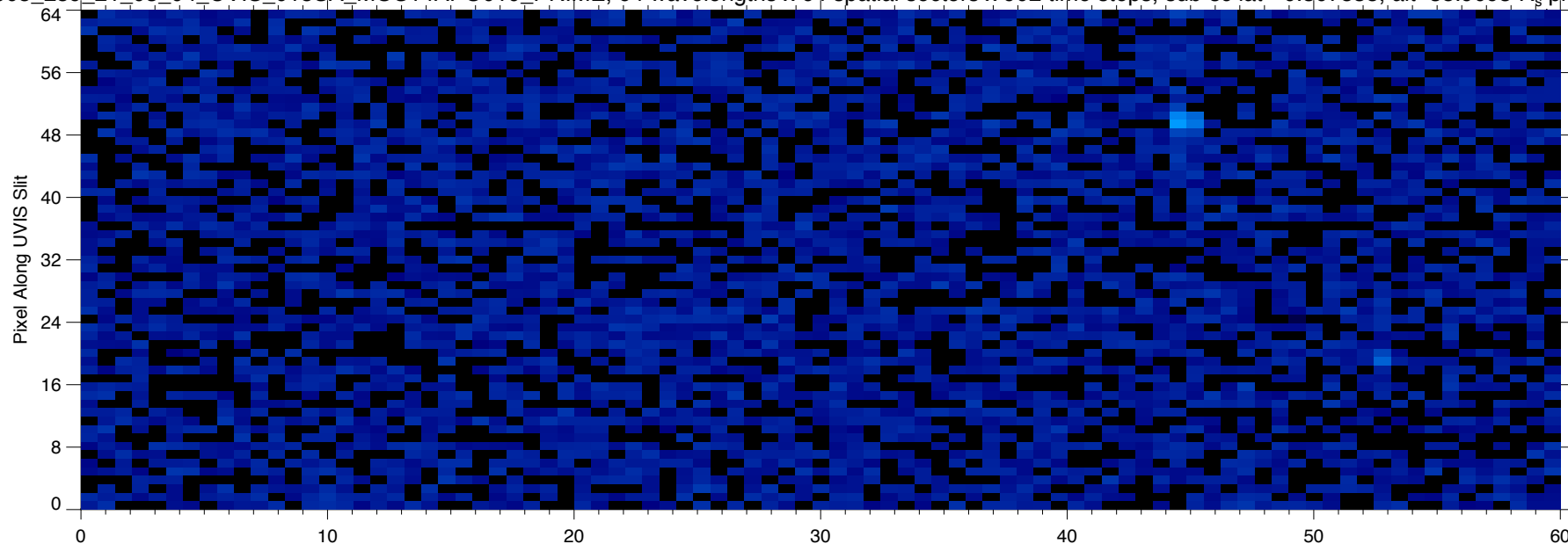
FUV2005_259_21_03_04_UVIS_015SA_MOS14APO010_PRIME, 64 wavelengths x 64 spatial sectors x 902 time steps, sub-sc lat=-0.307535, alt=38.9093 R_s, phase=67.6678



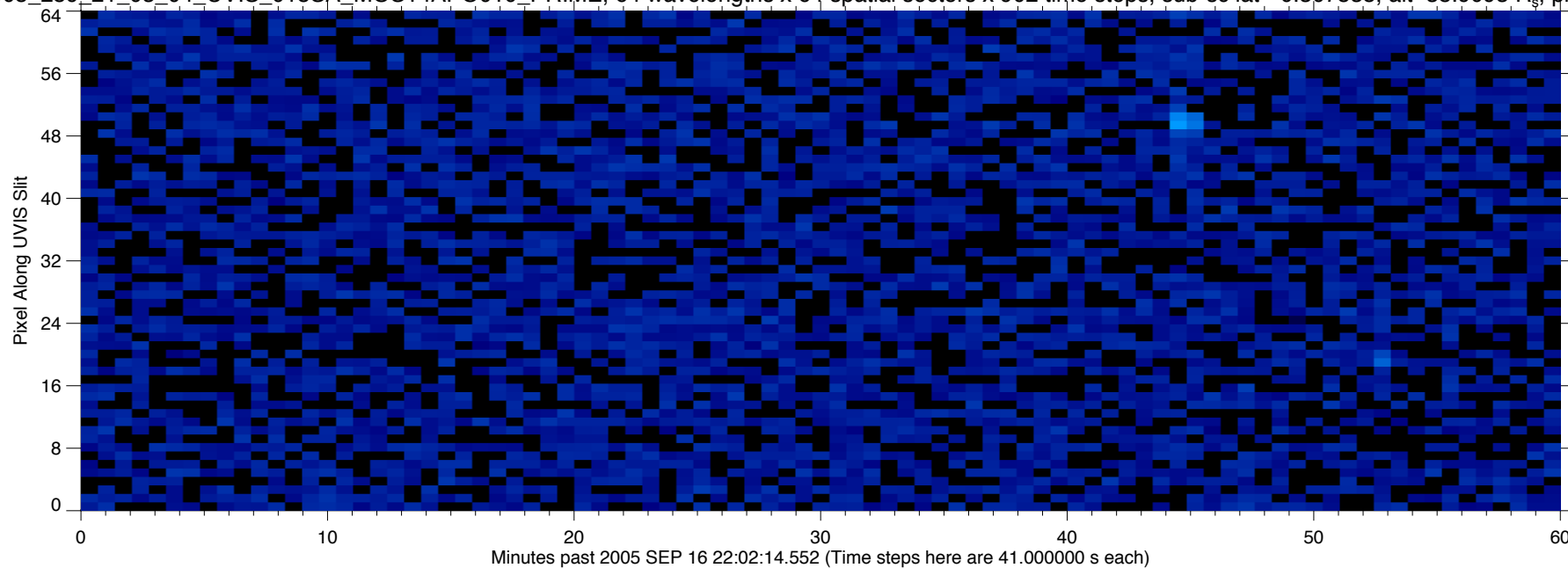
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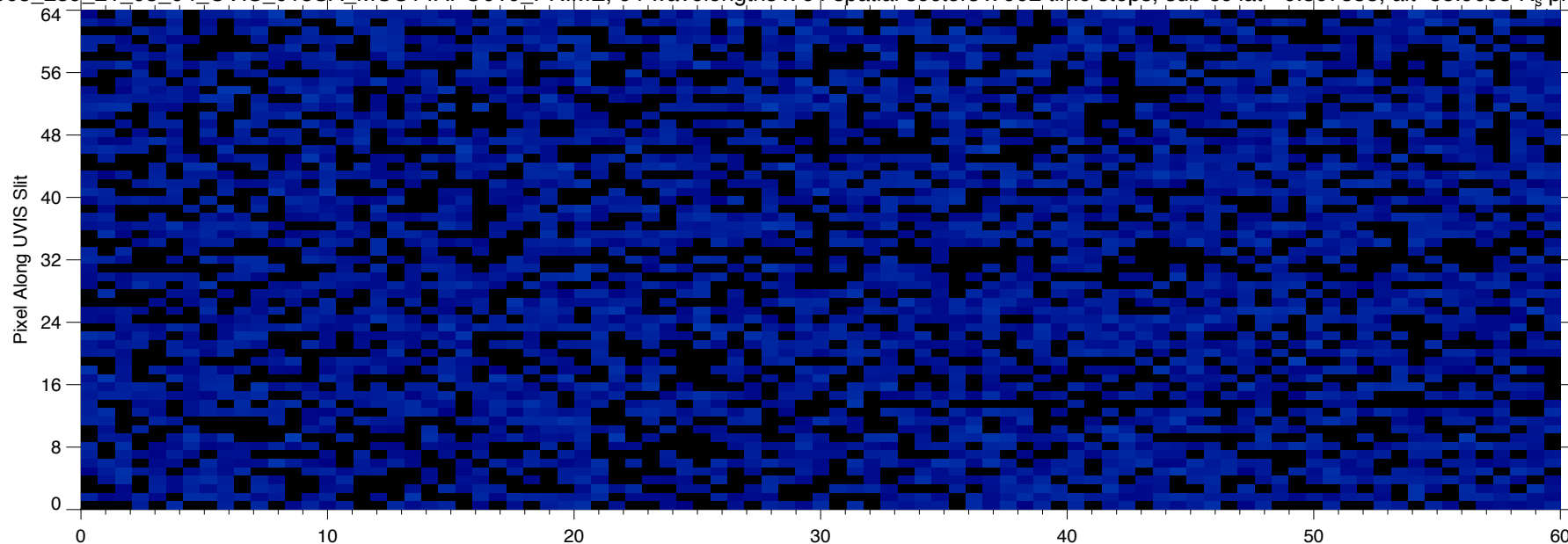
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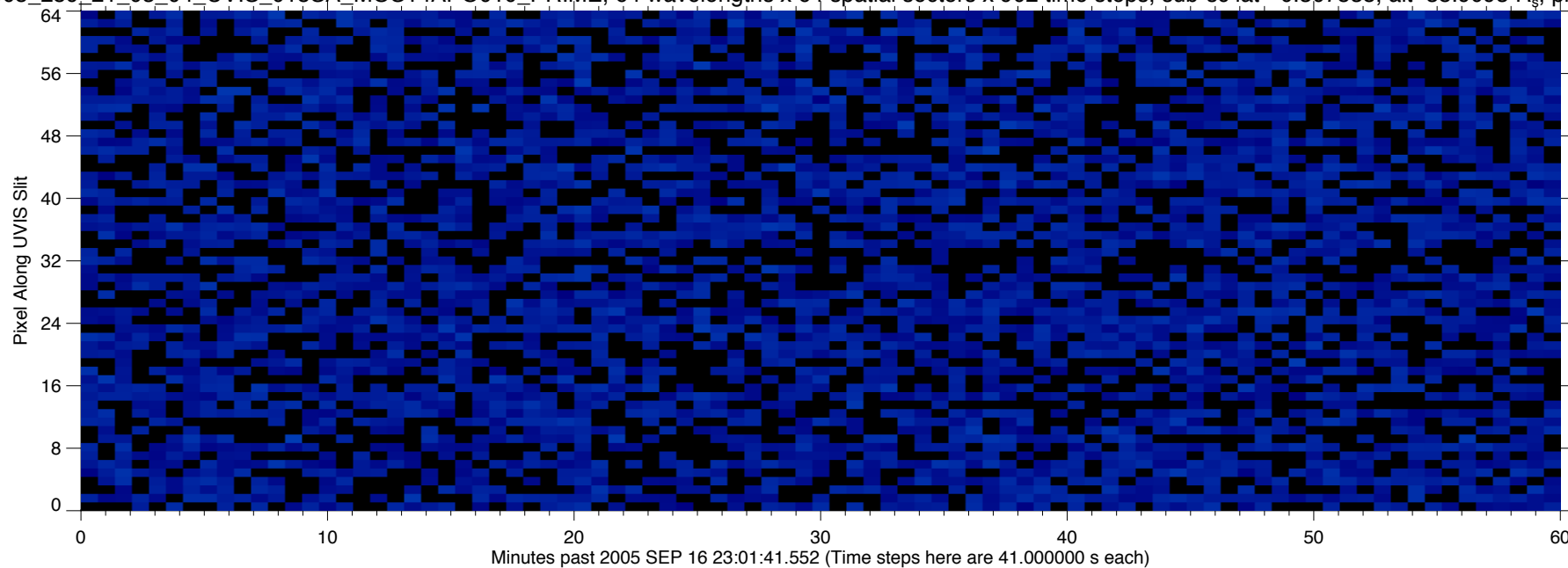
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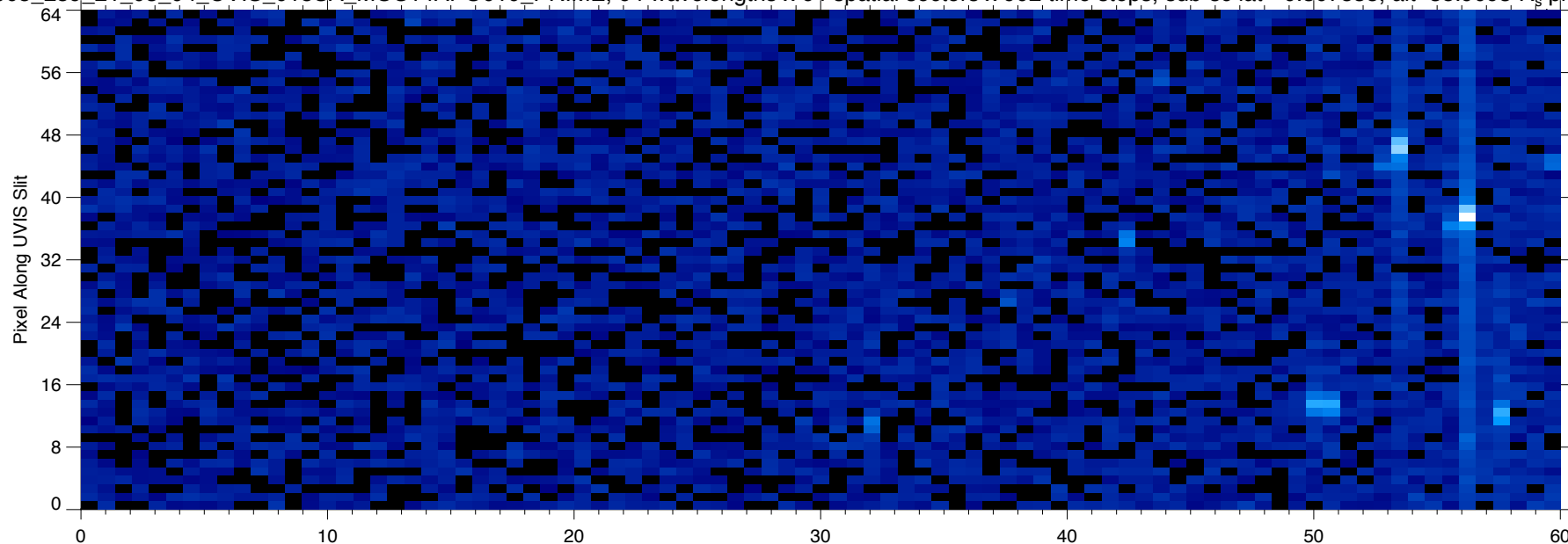
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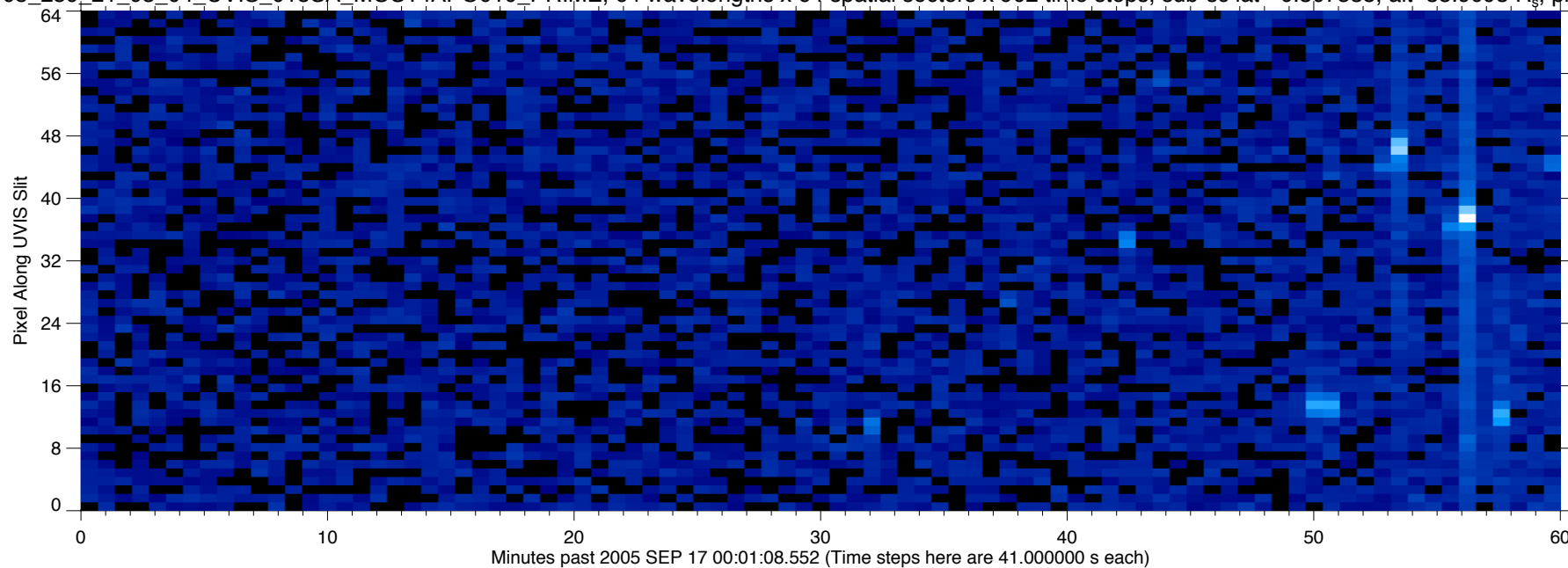
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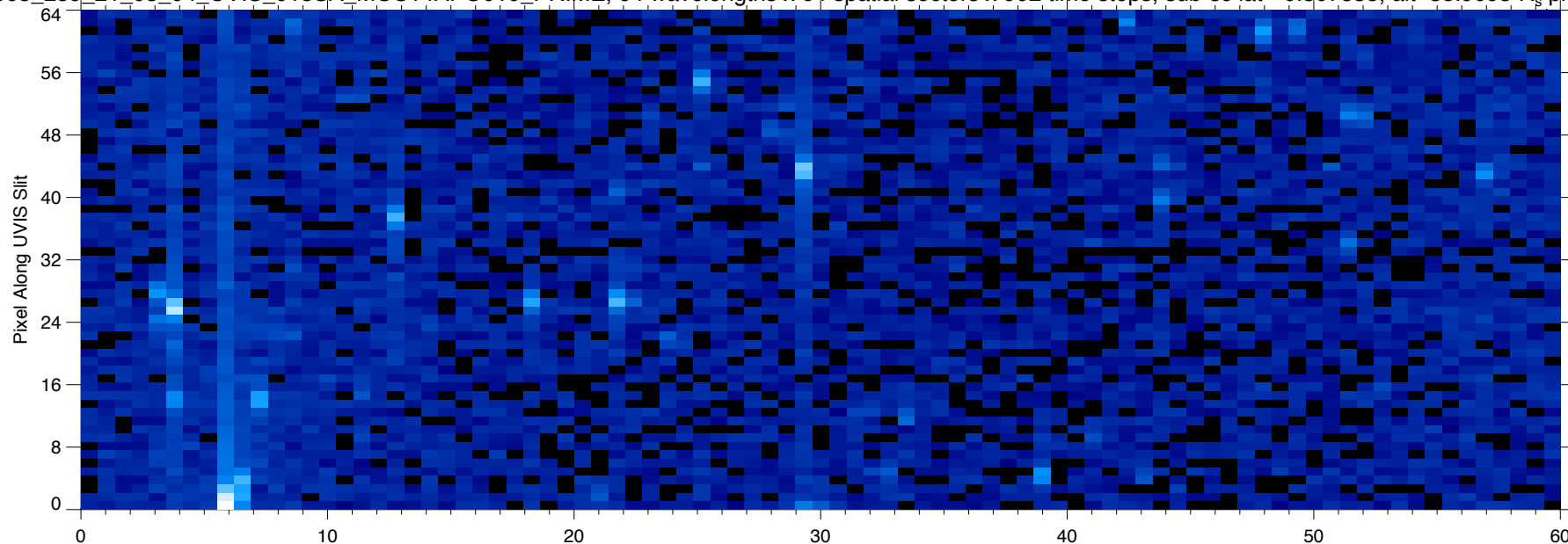
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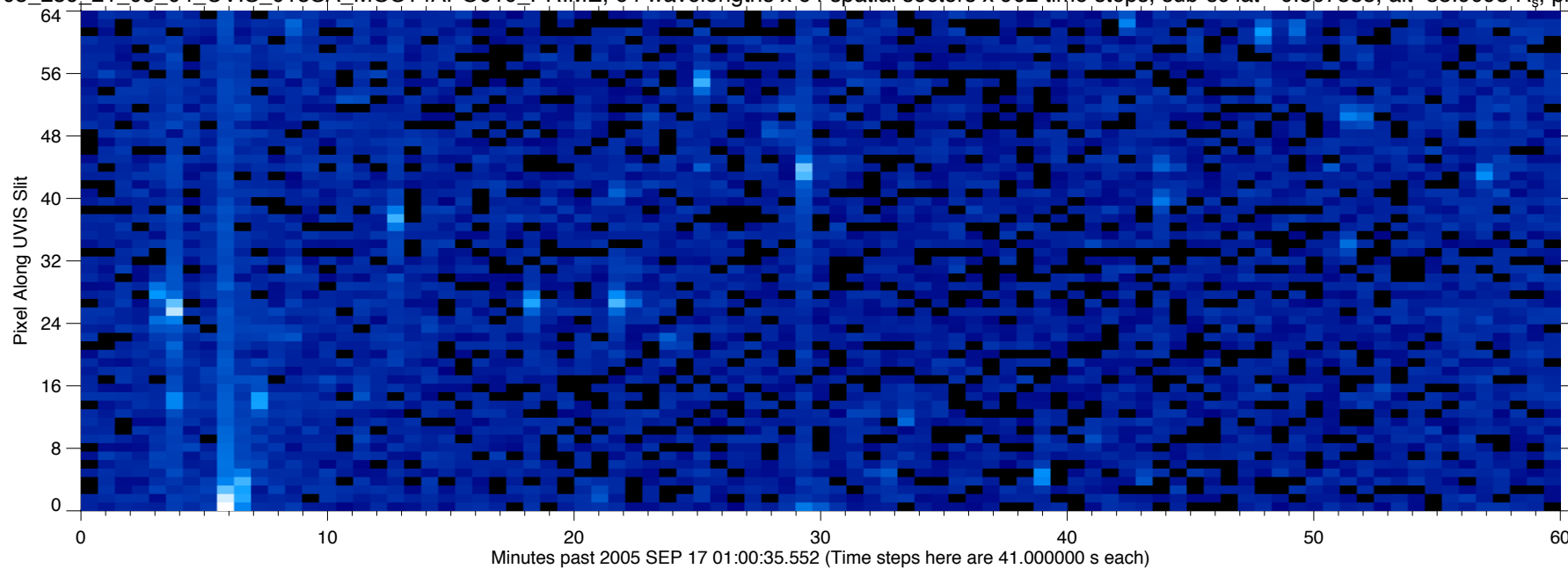
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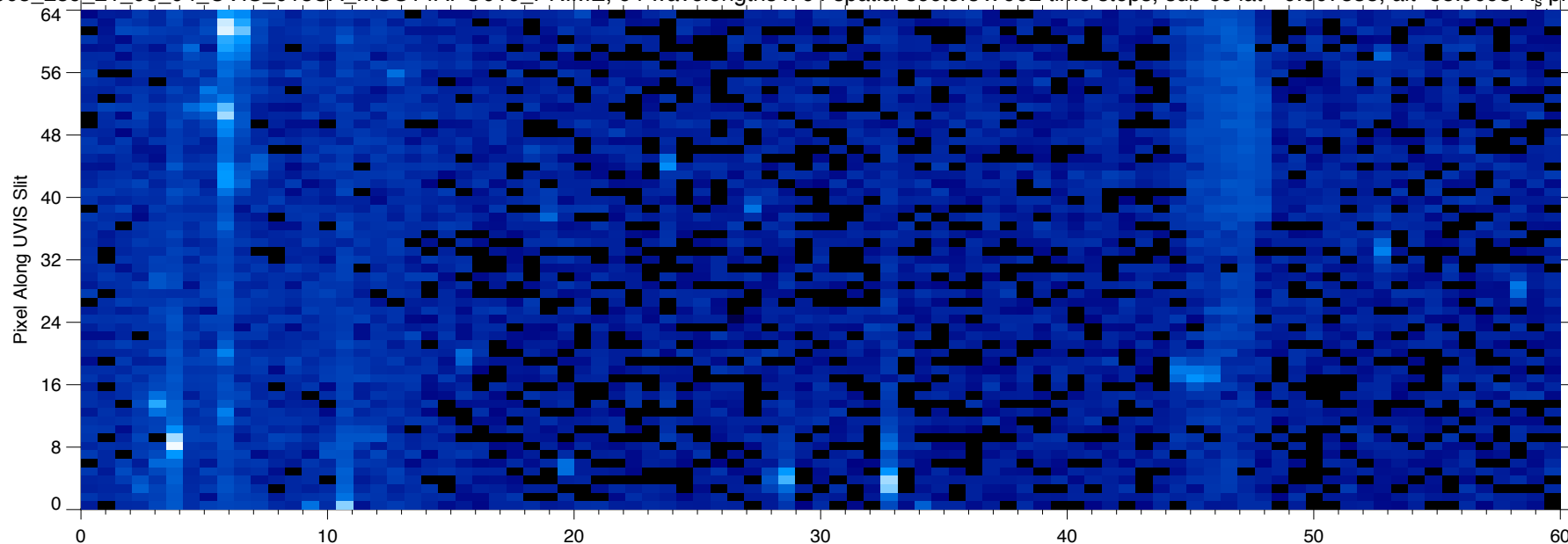
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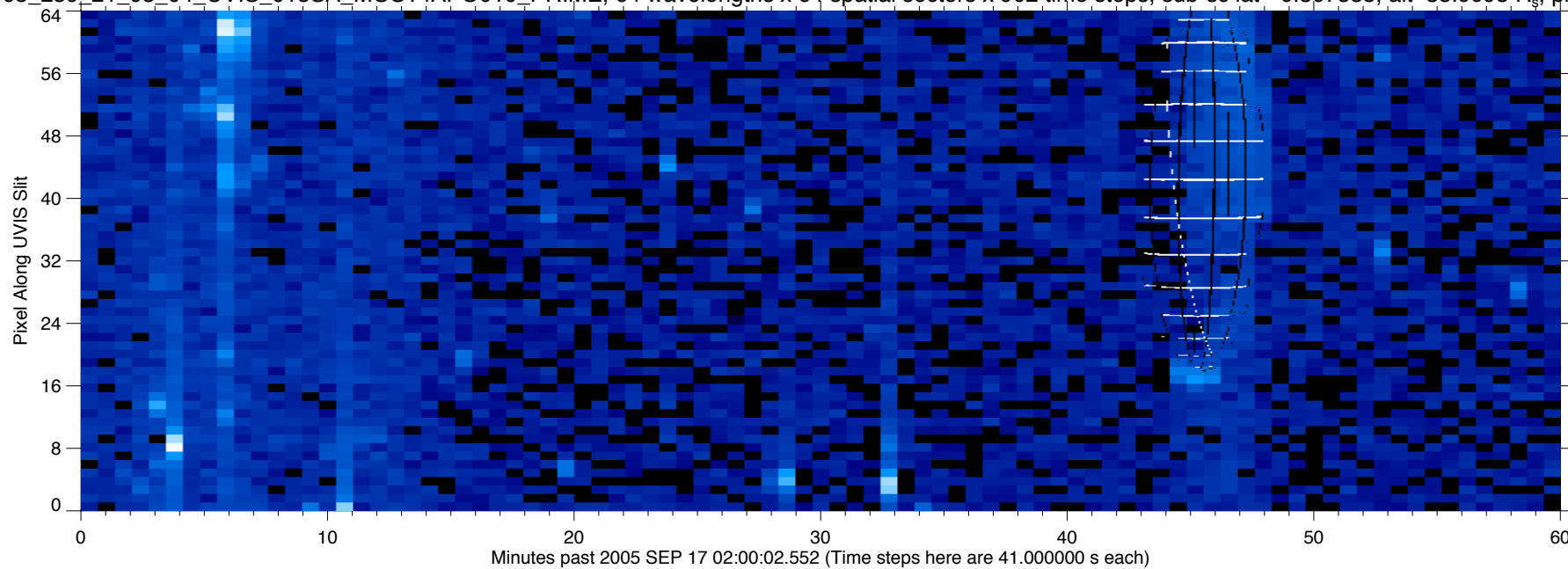
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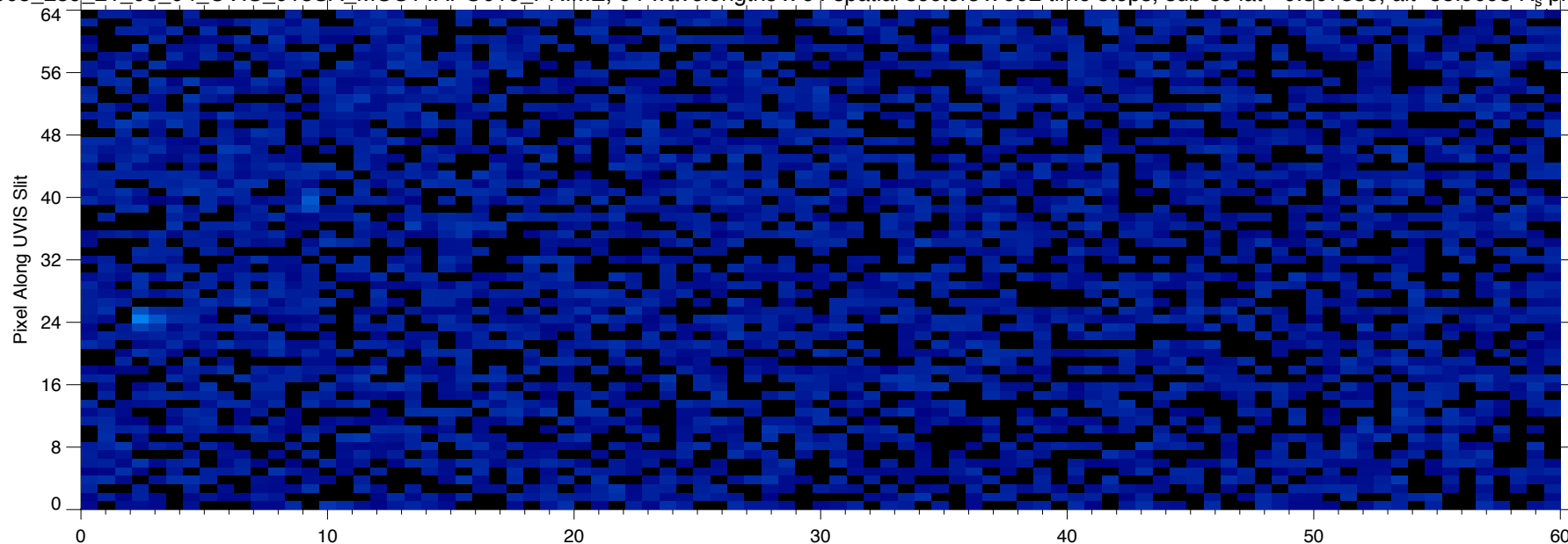
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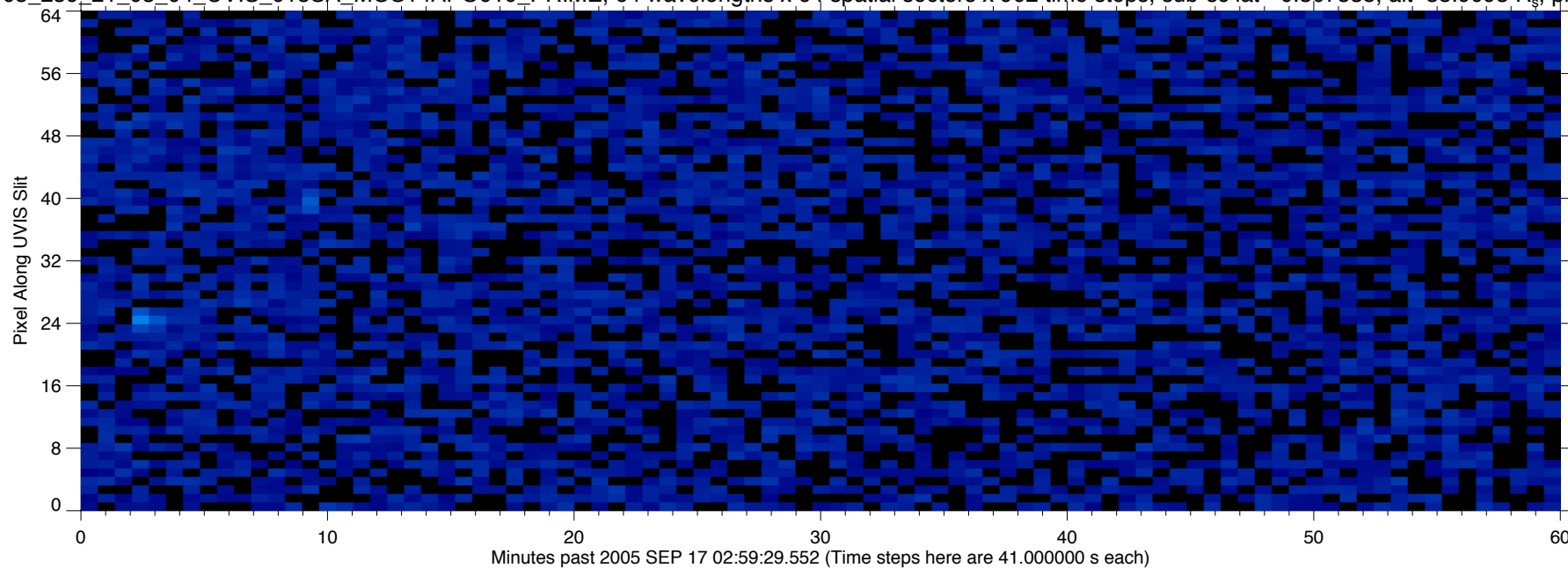
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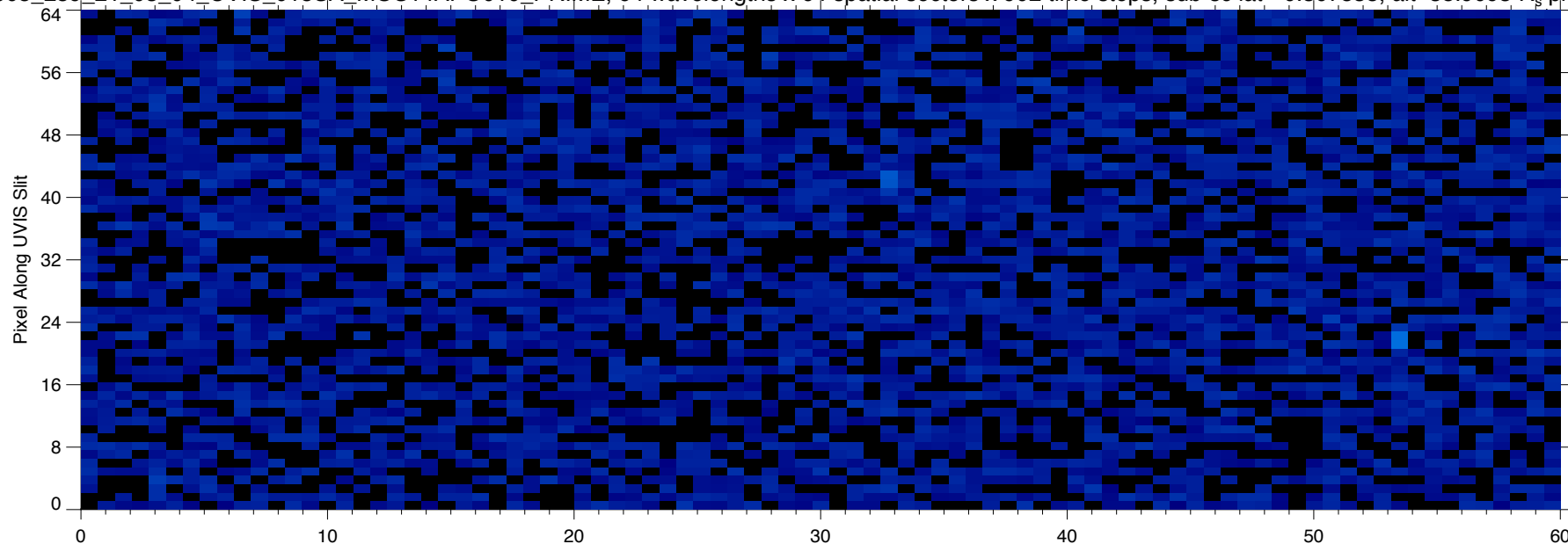
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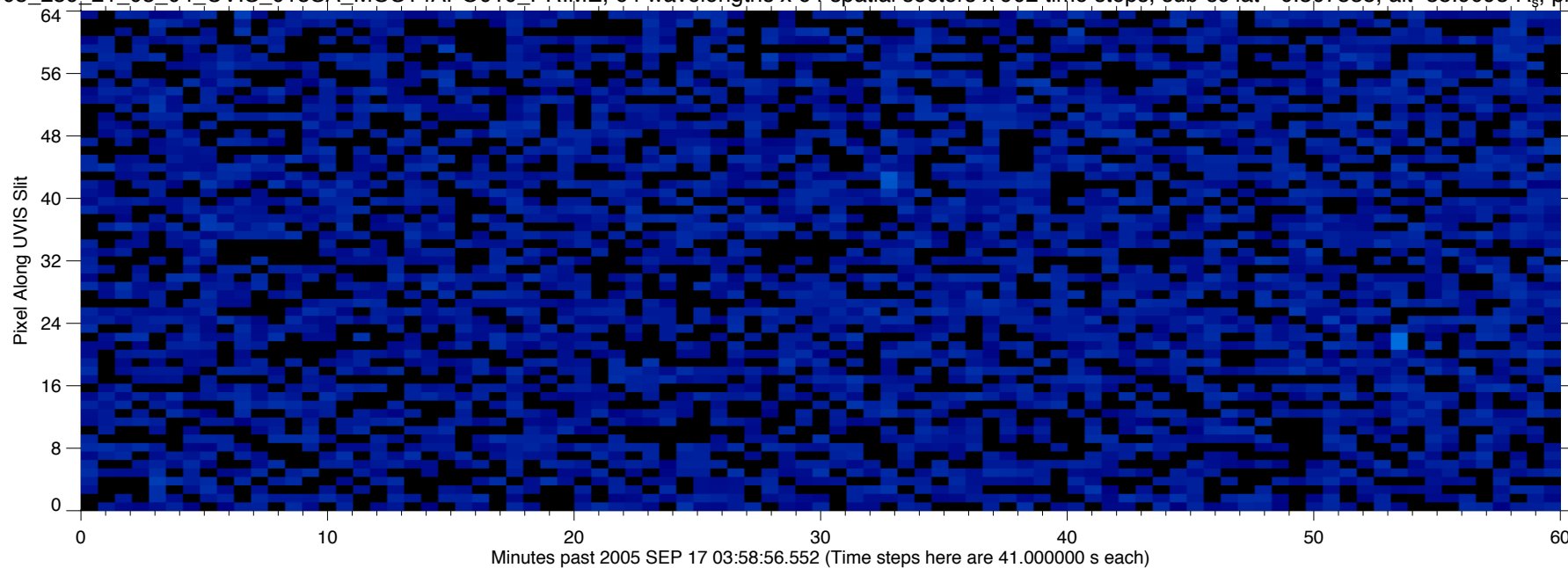
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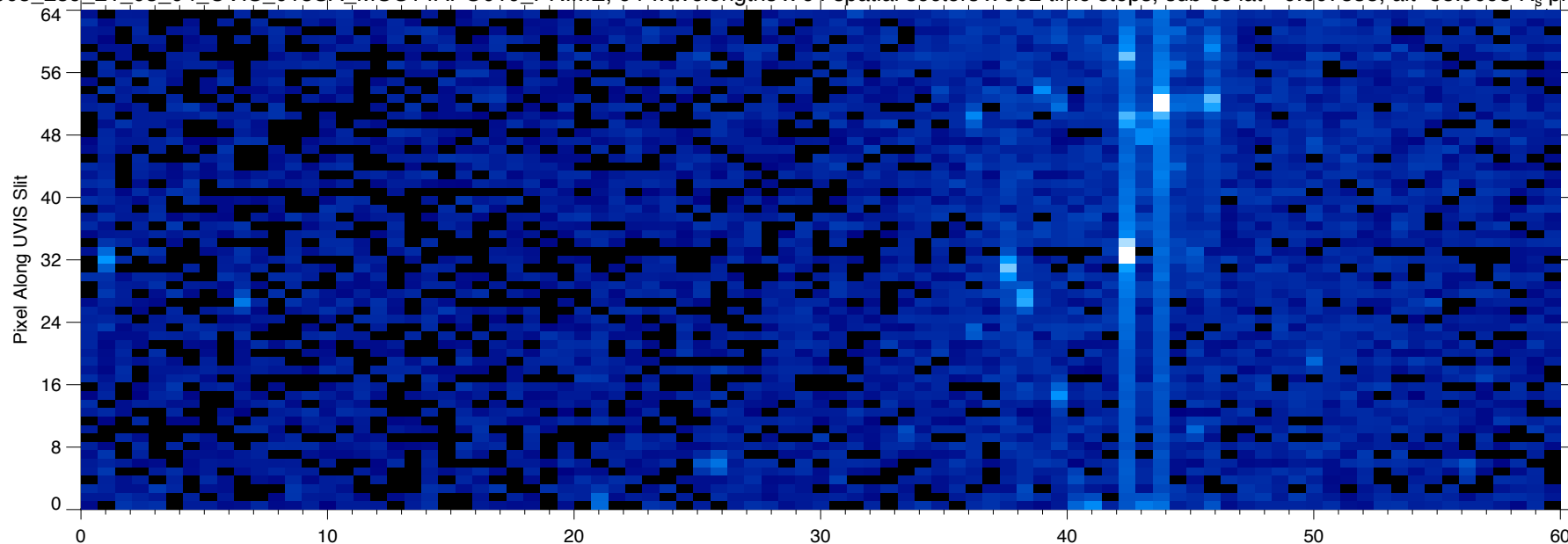
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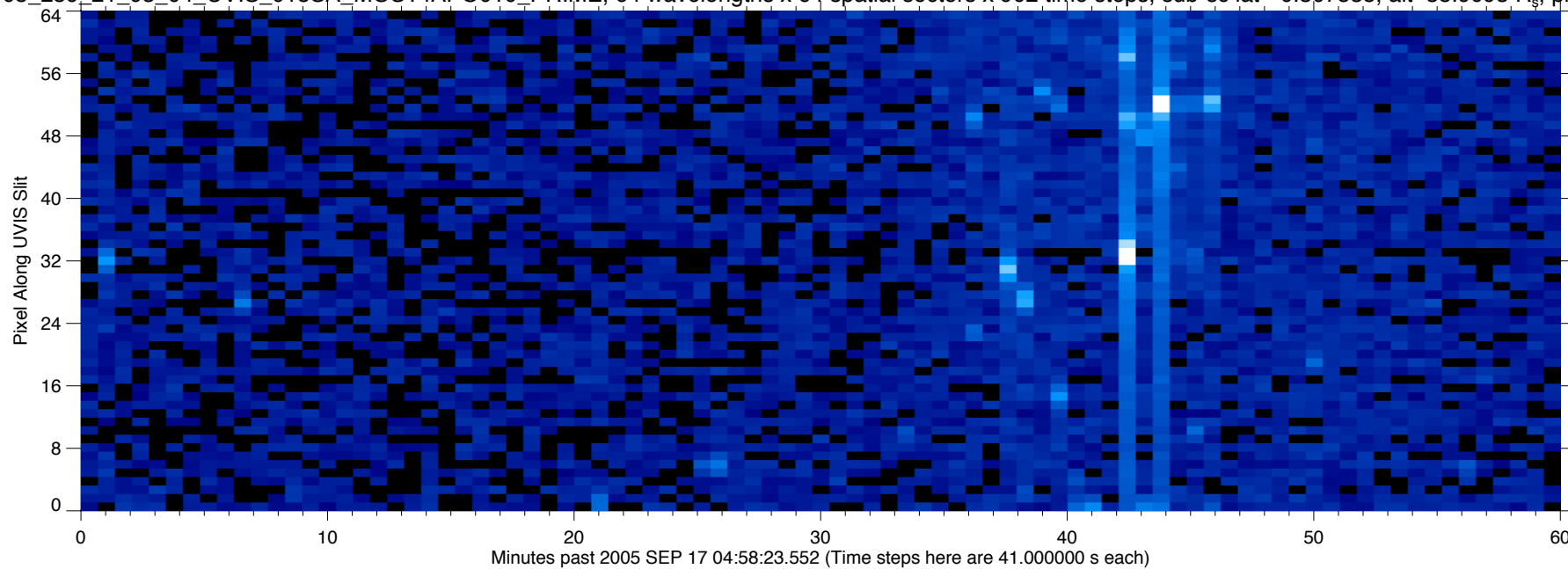
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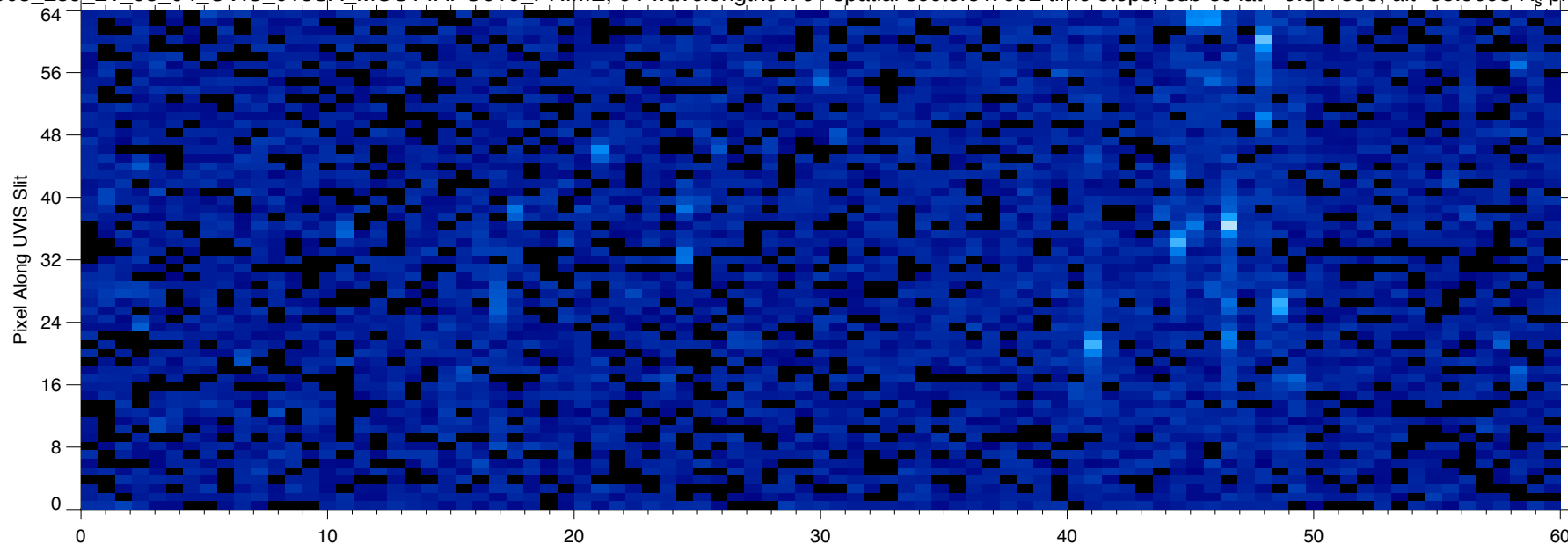
FUV2005_259_21_03_04_UVIS_015SA_MOS14APO010_PRIME, 64 wavelengths x 64 spatial sectors x 902 time steps, sub-sc lat=-0.307535, alt=38.9093 R_s, phase=67.6678



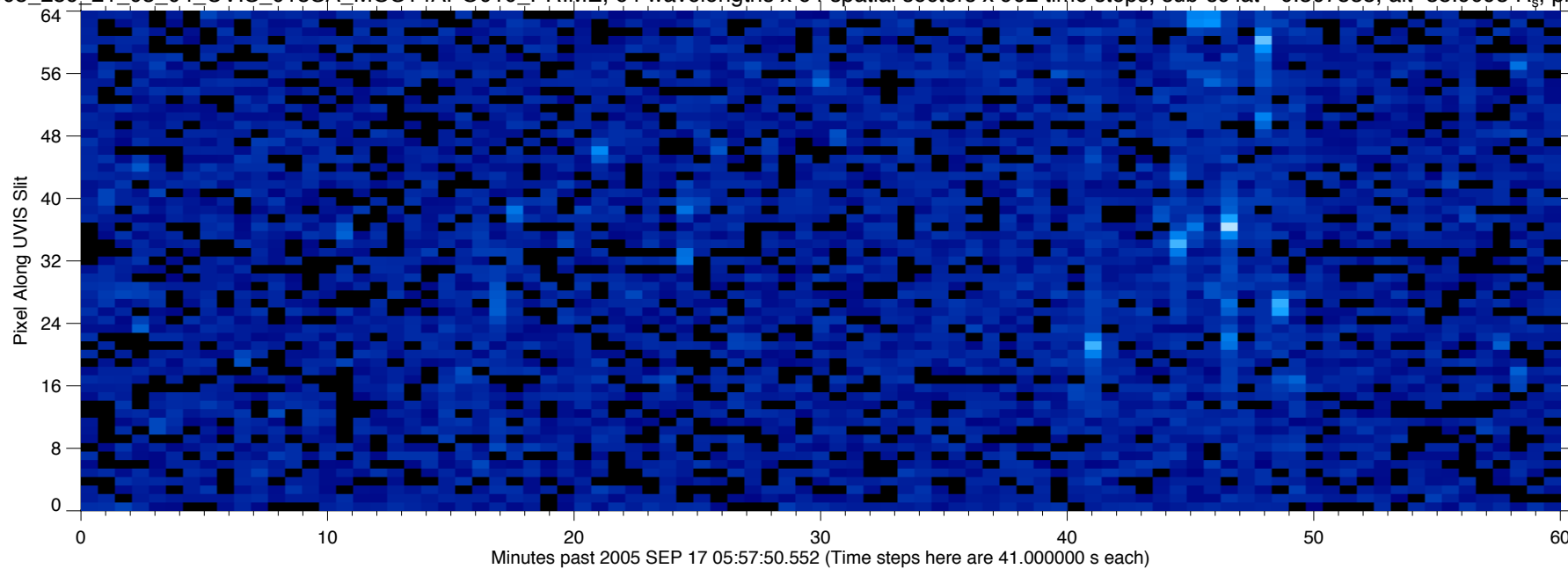
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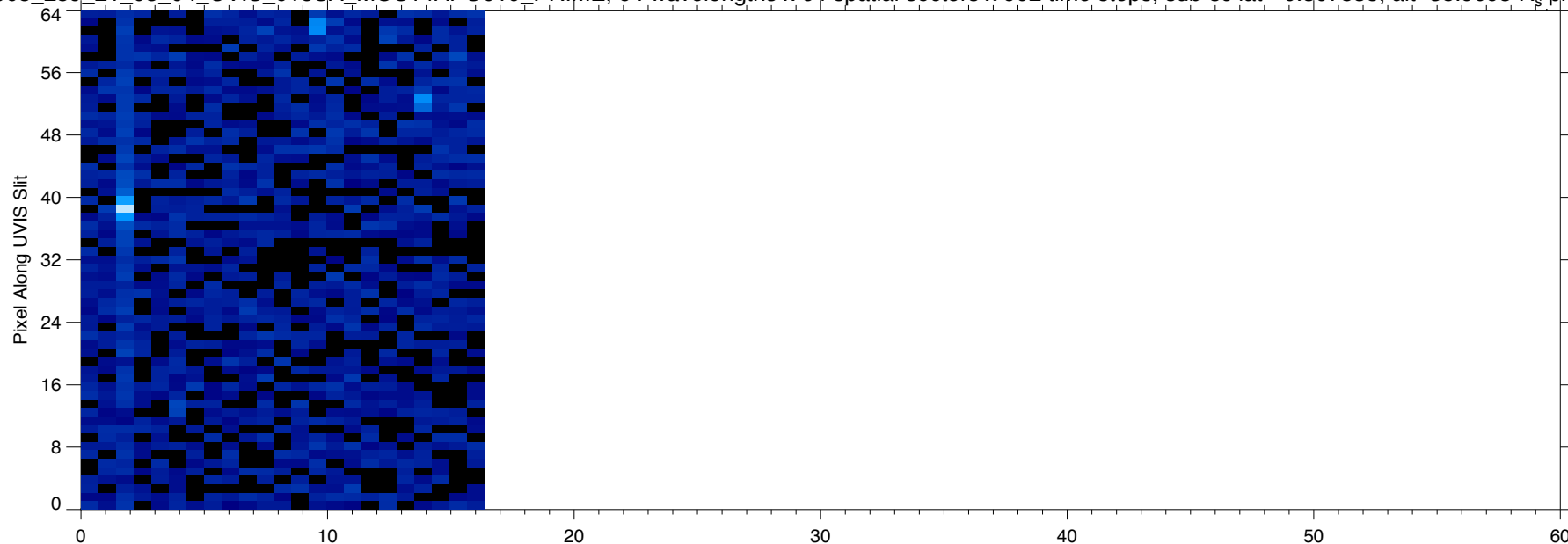
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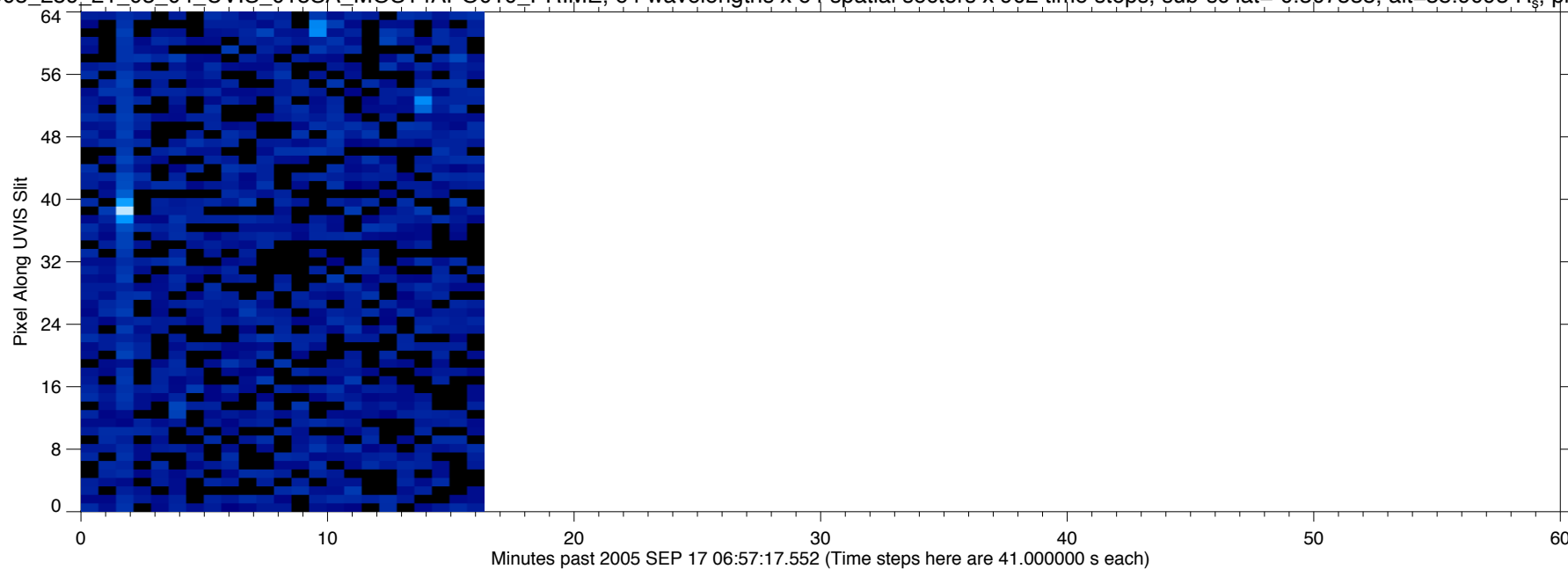
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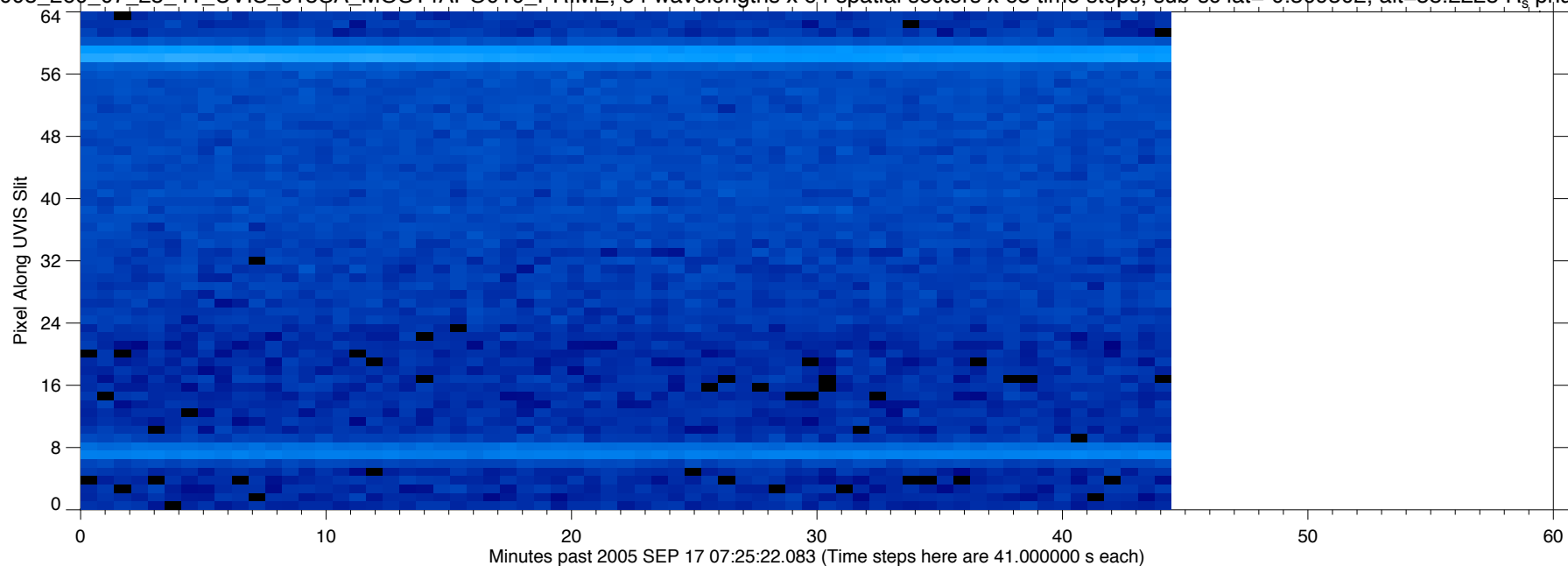
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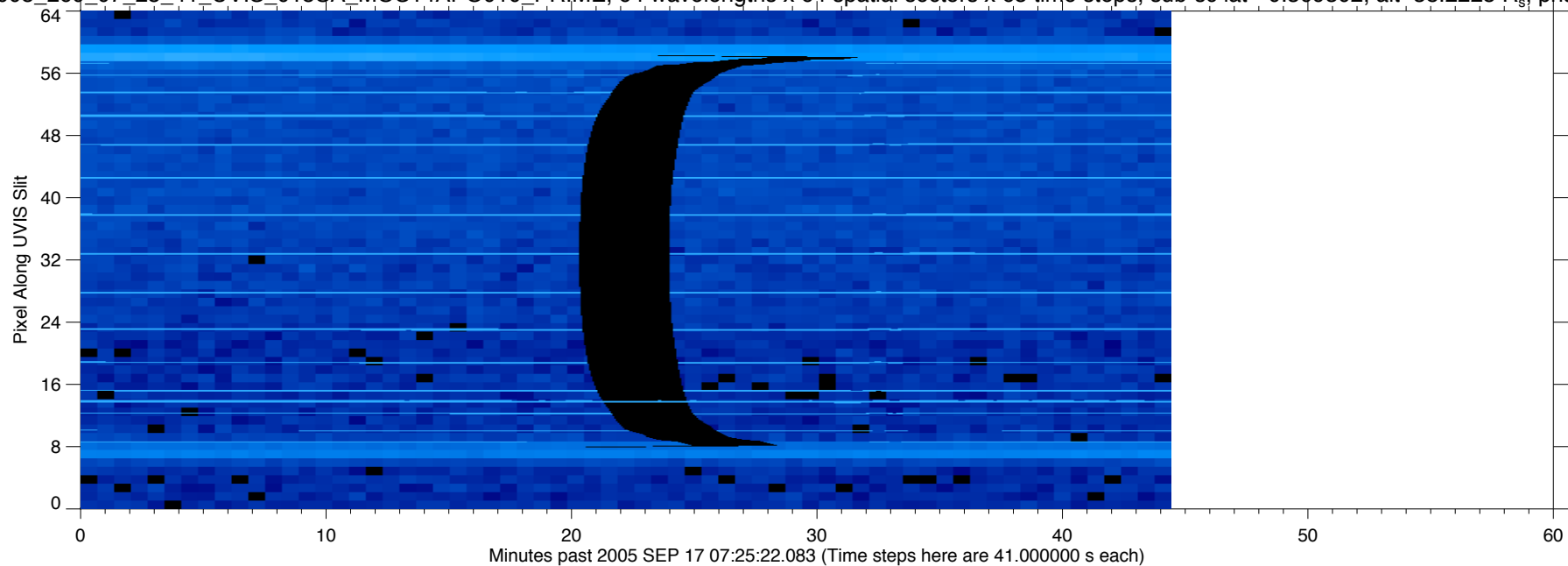
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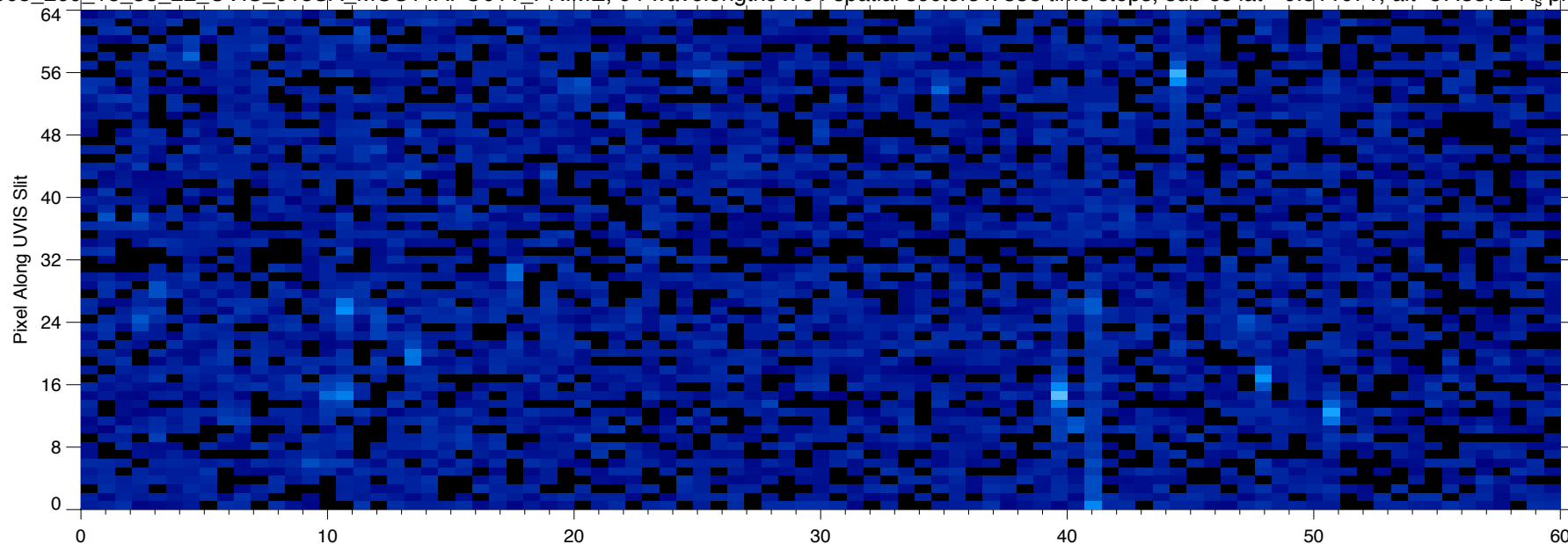
FUV2005_260_07_25_41_UVIS_015SA_MOS14APO010_PRIME, 64 wavelengths x 64 spatial sectors x 65 time steps, sub-sc lat=-0.309302, alt=38.2225 R_s phase=66.4219



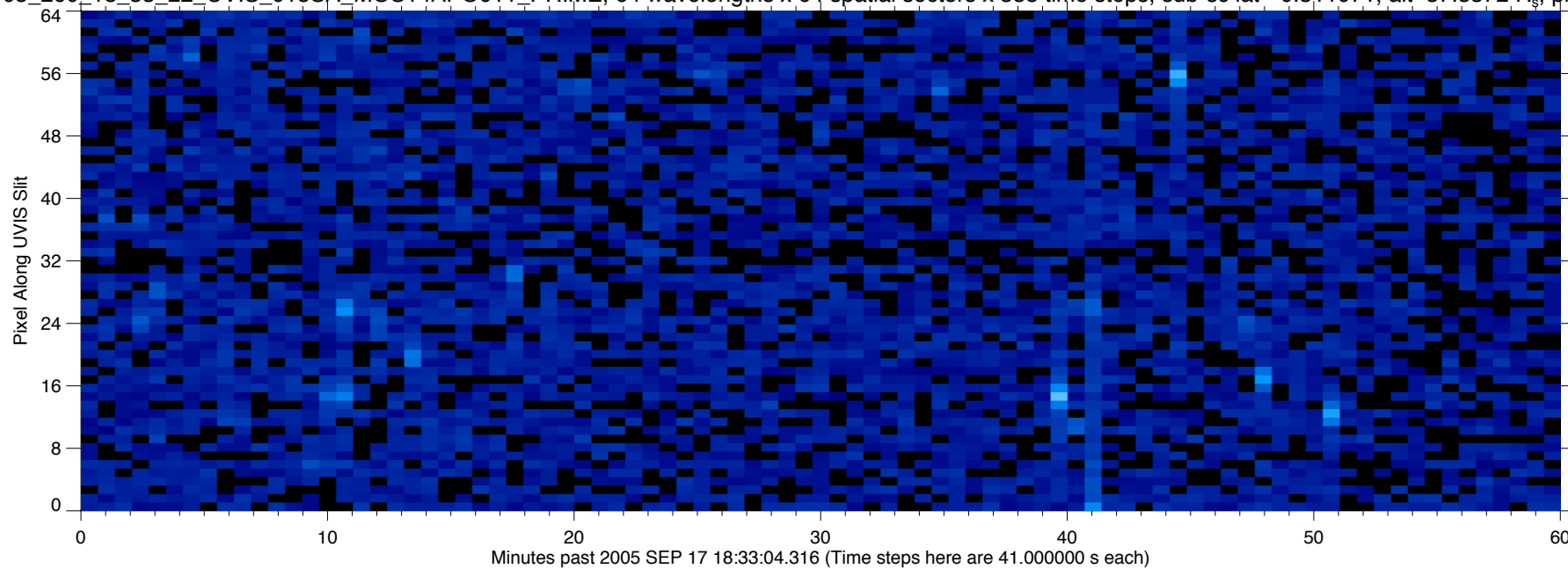
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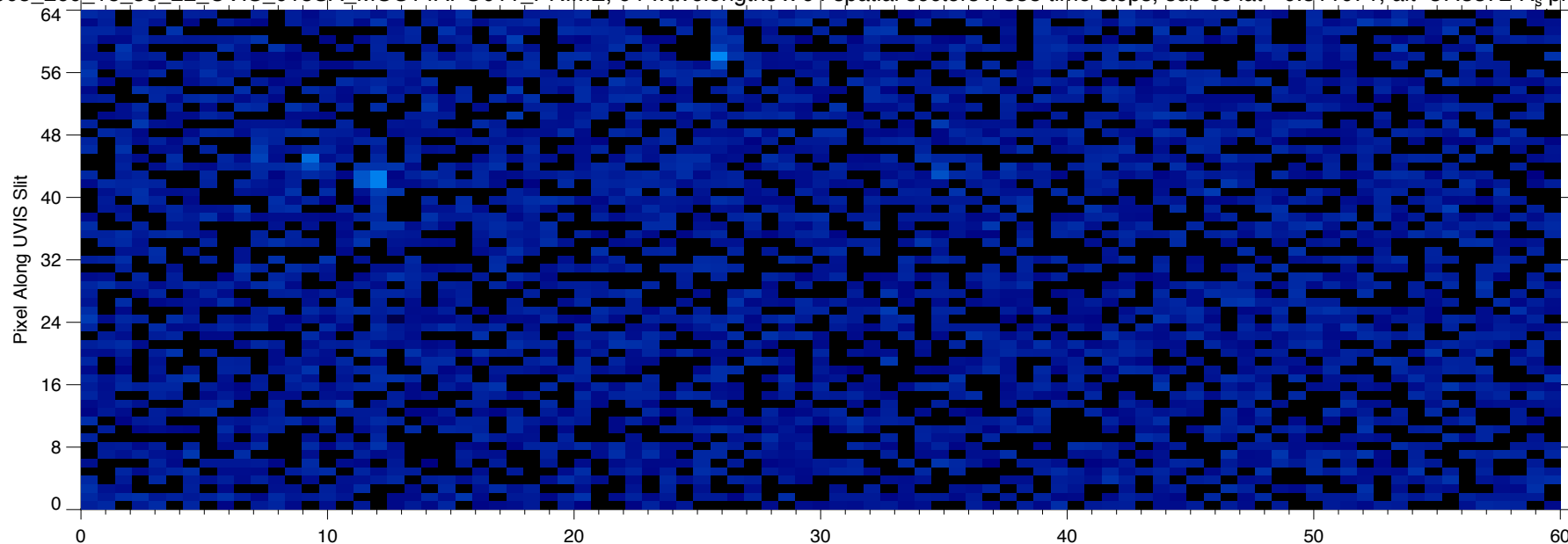
FUV2005_260_18_33_22_UVIS_015SA_MOS14APO011_PRIME, 64 wavelengths x 64 spatial sectors x 338 time steps, sub-sc lat=-0.311071, alt=37.3372 R_s, phase=65.0326



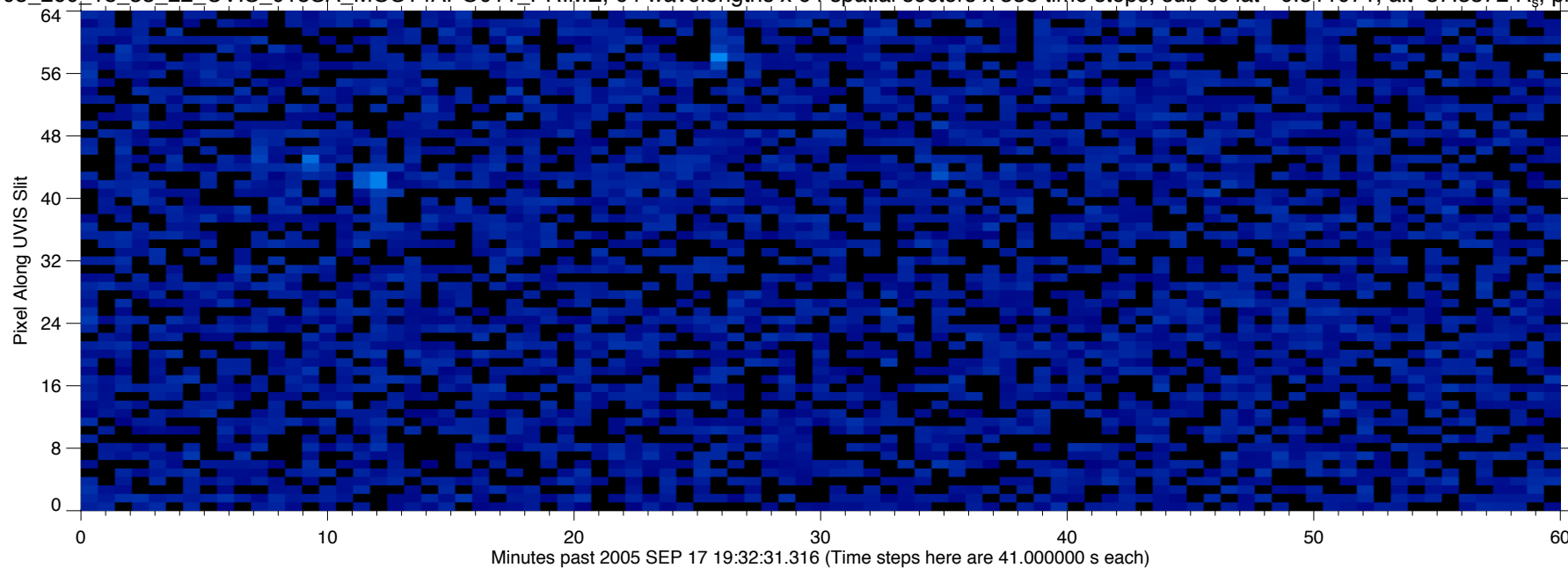
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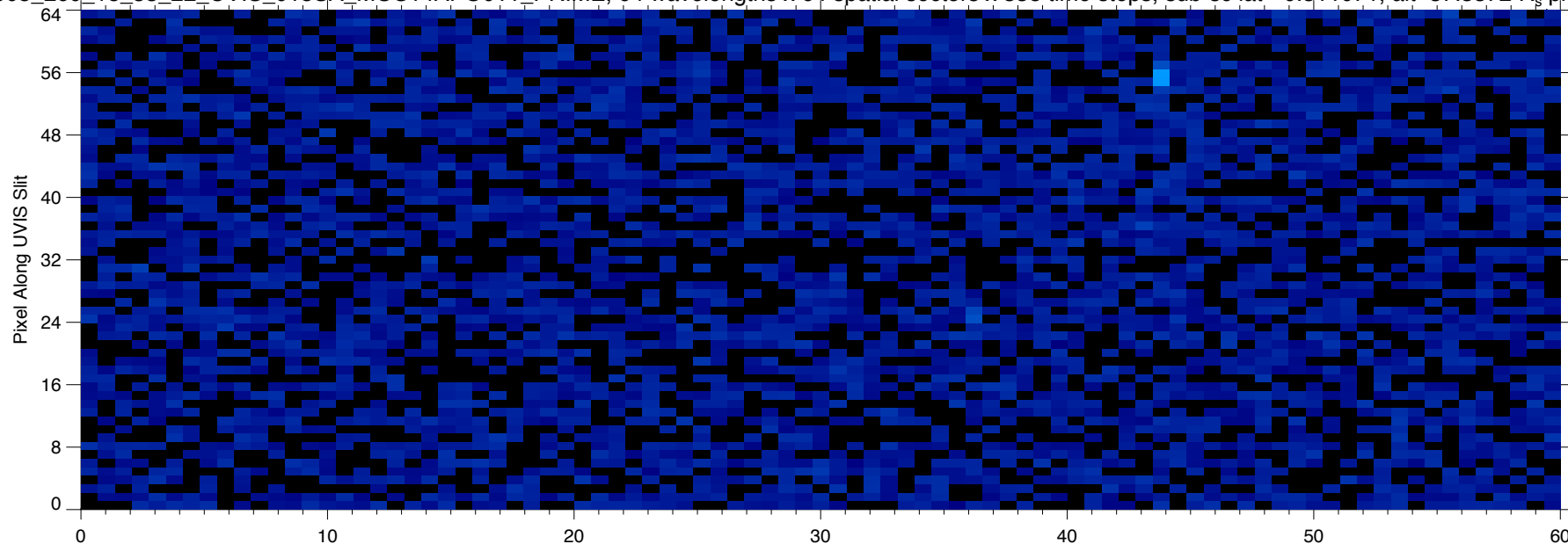
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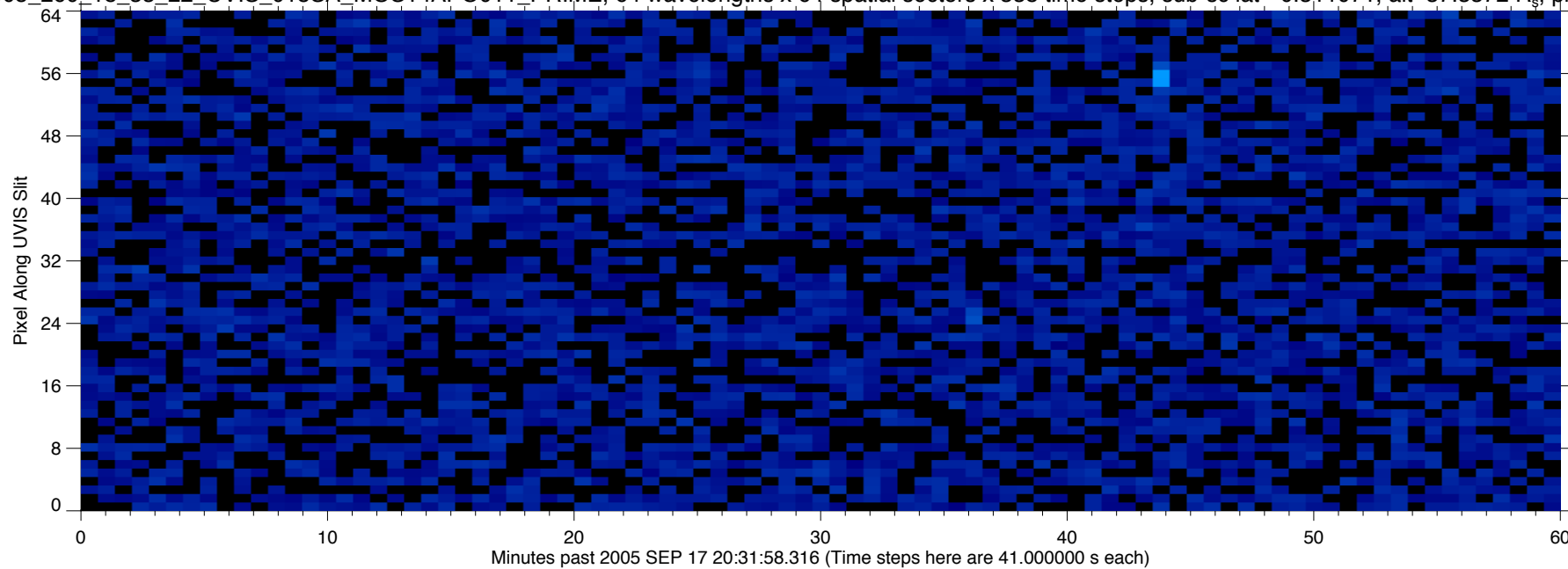
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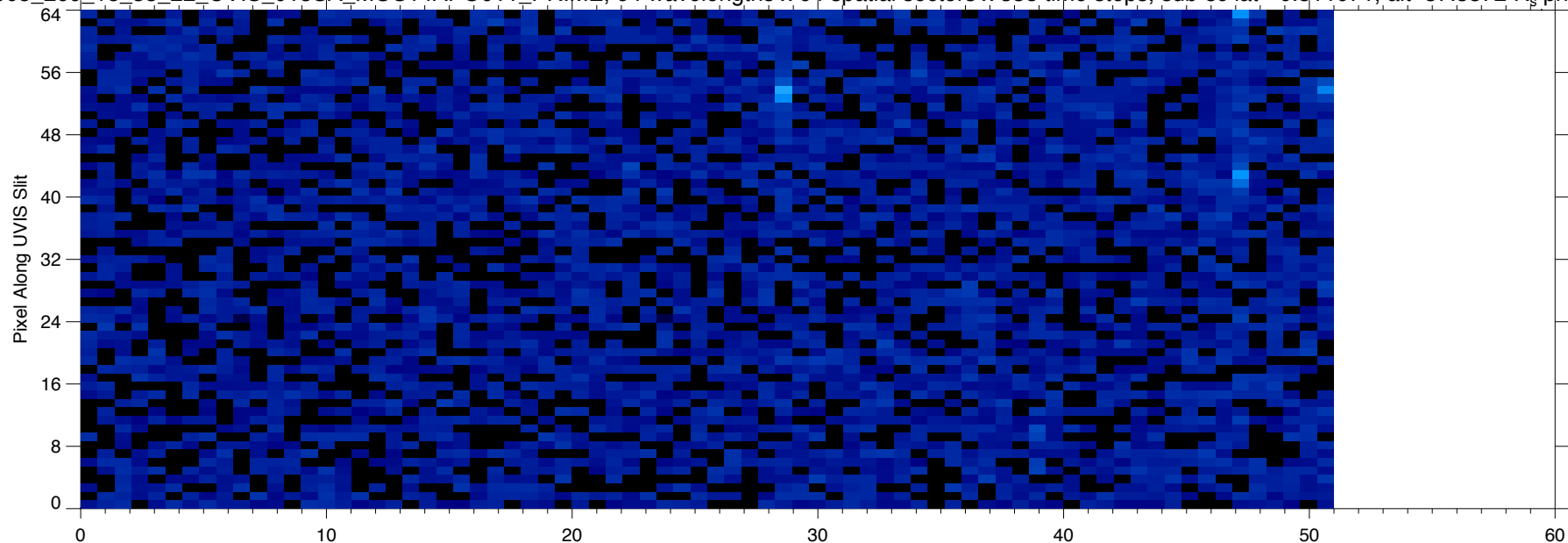
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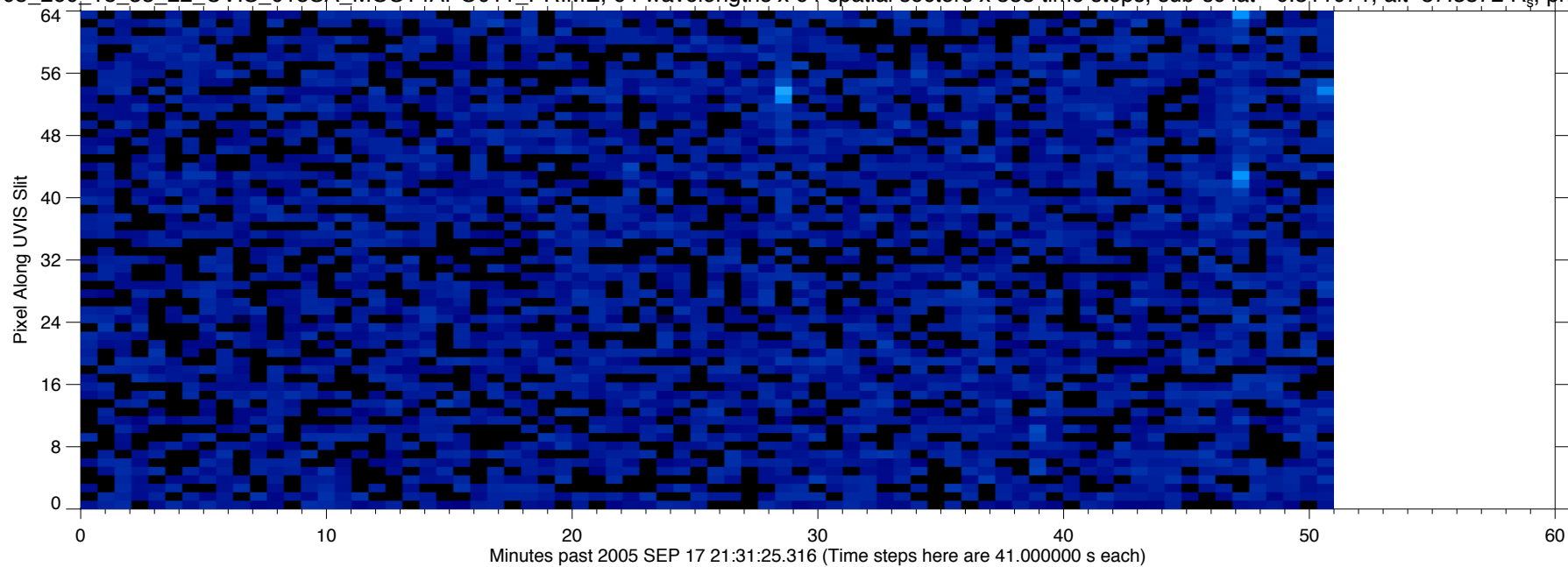
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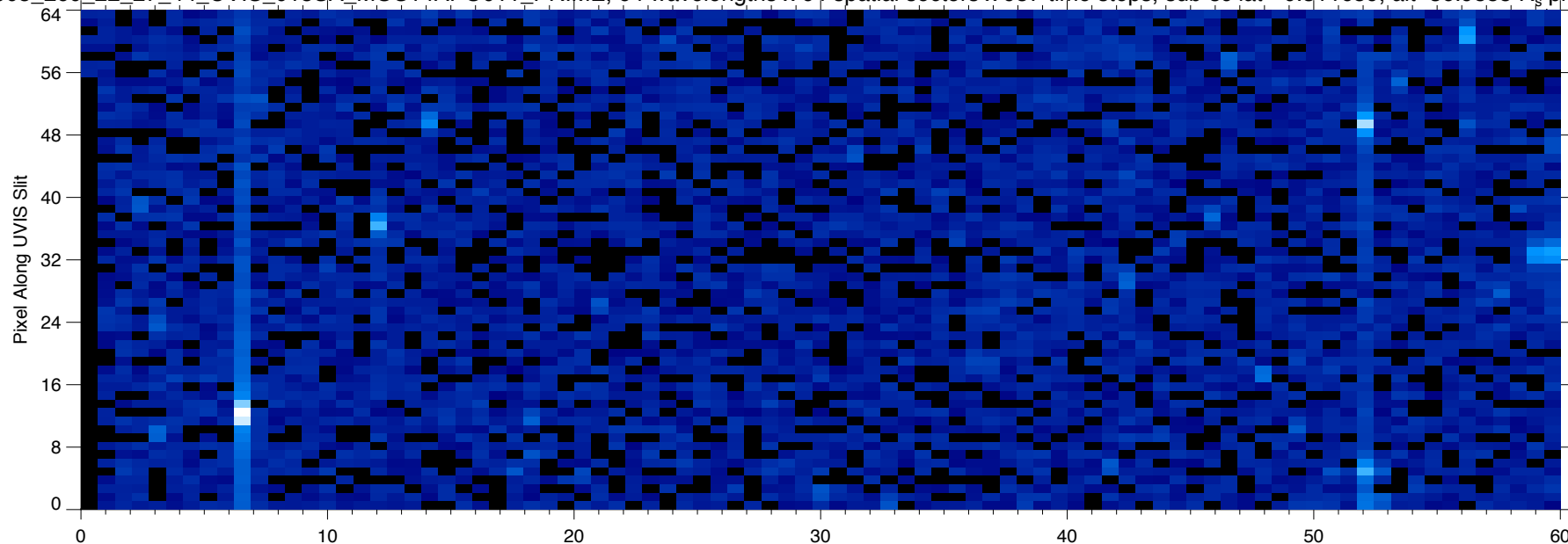
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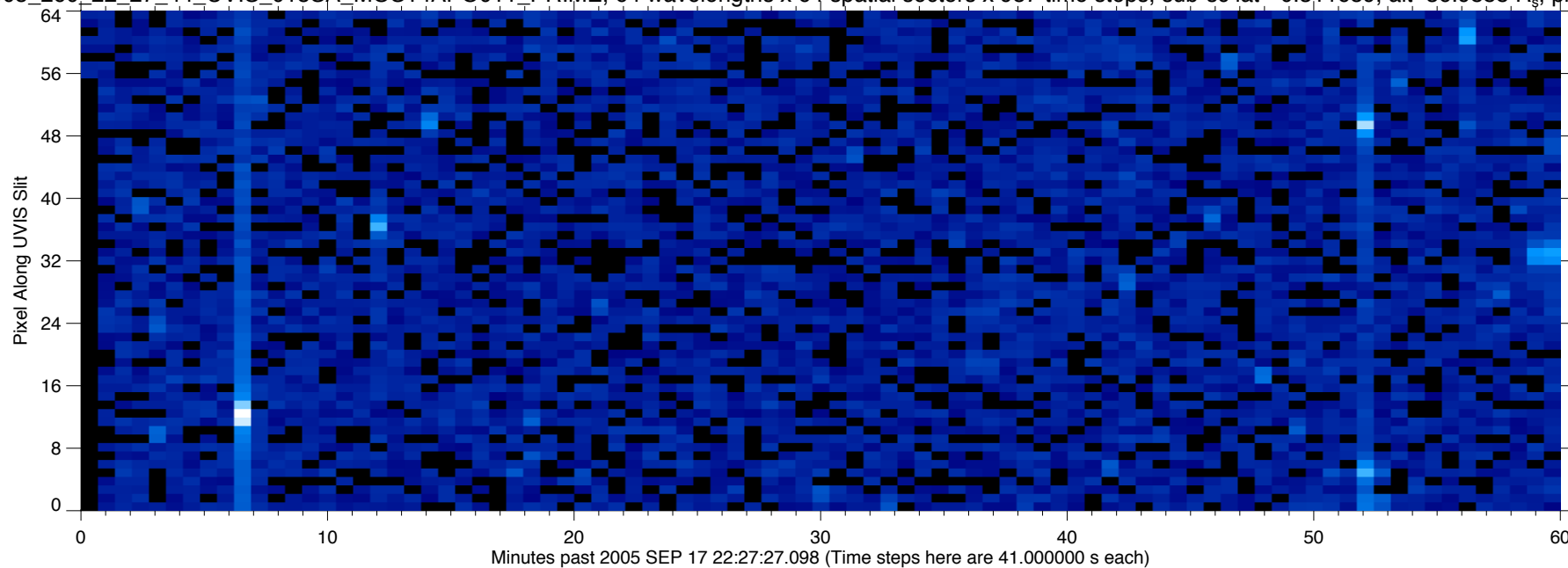
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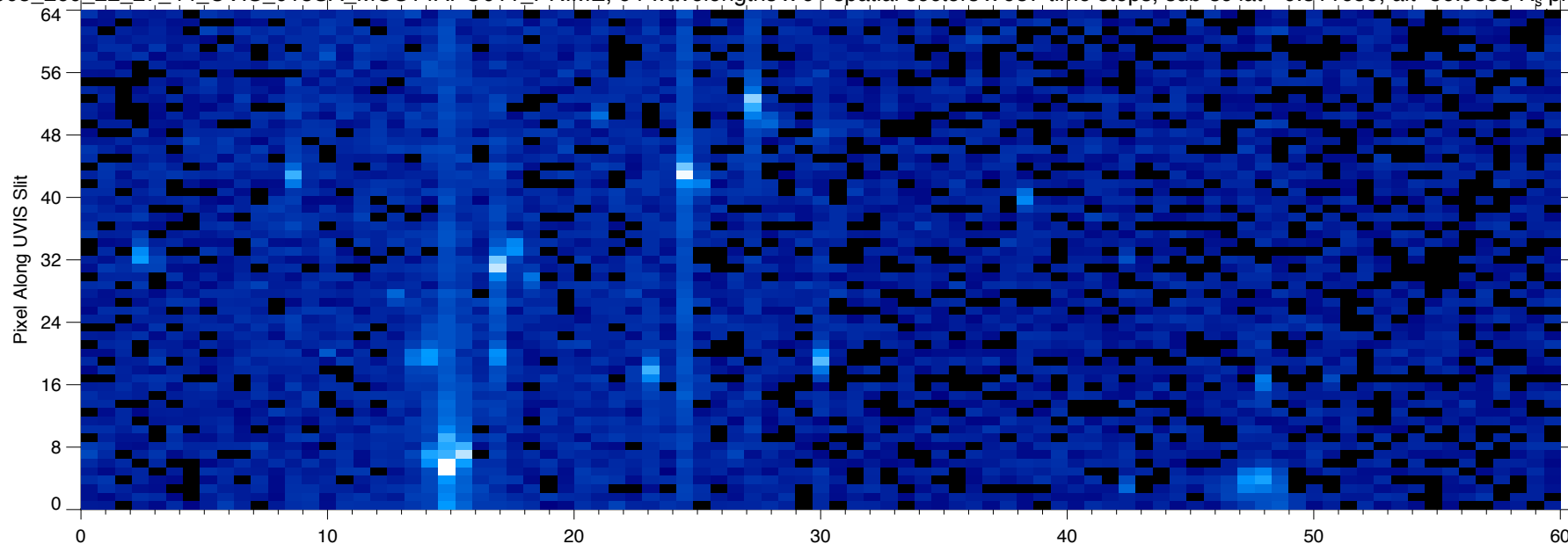
FUV2005_260_22_27_44_UVIS_015SA_MOS14APO011_PRIME, 64 wavelengths x 64 spatial sectors x 957 time steps, sub-sc lat=-0.311659, alt=36.9888 R_s, phase=64.5293



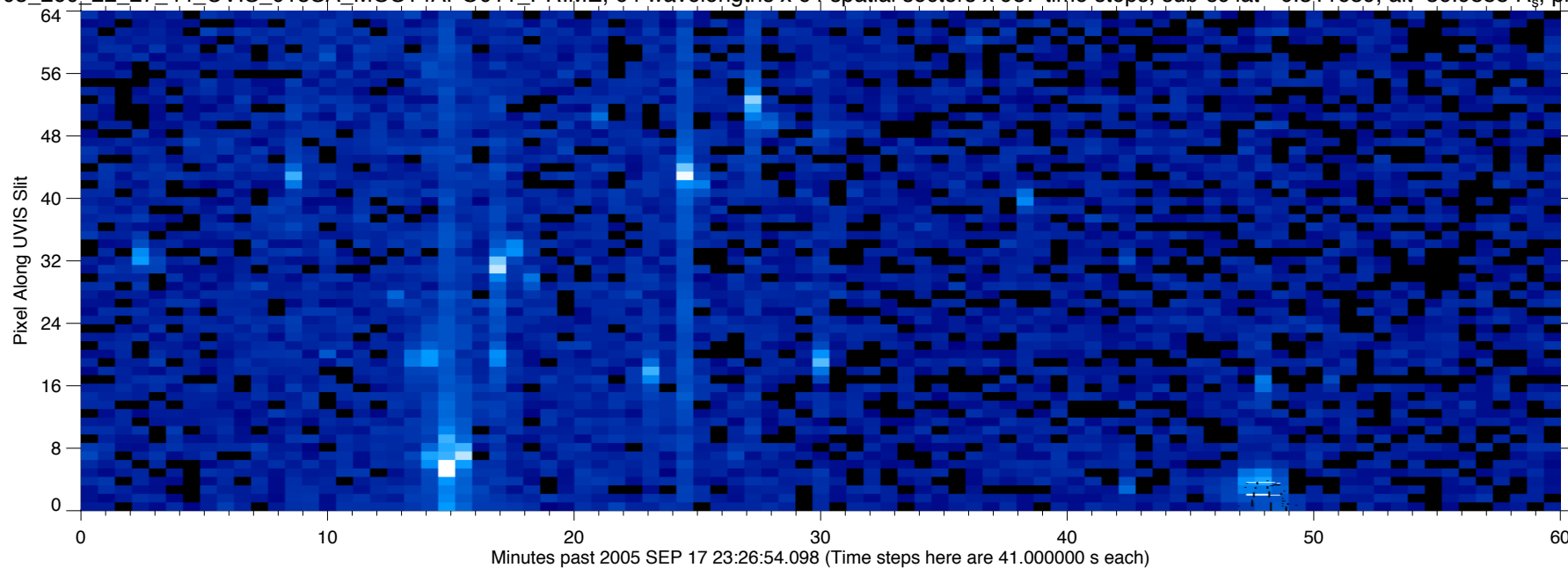
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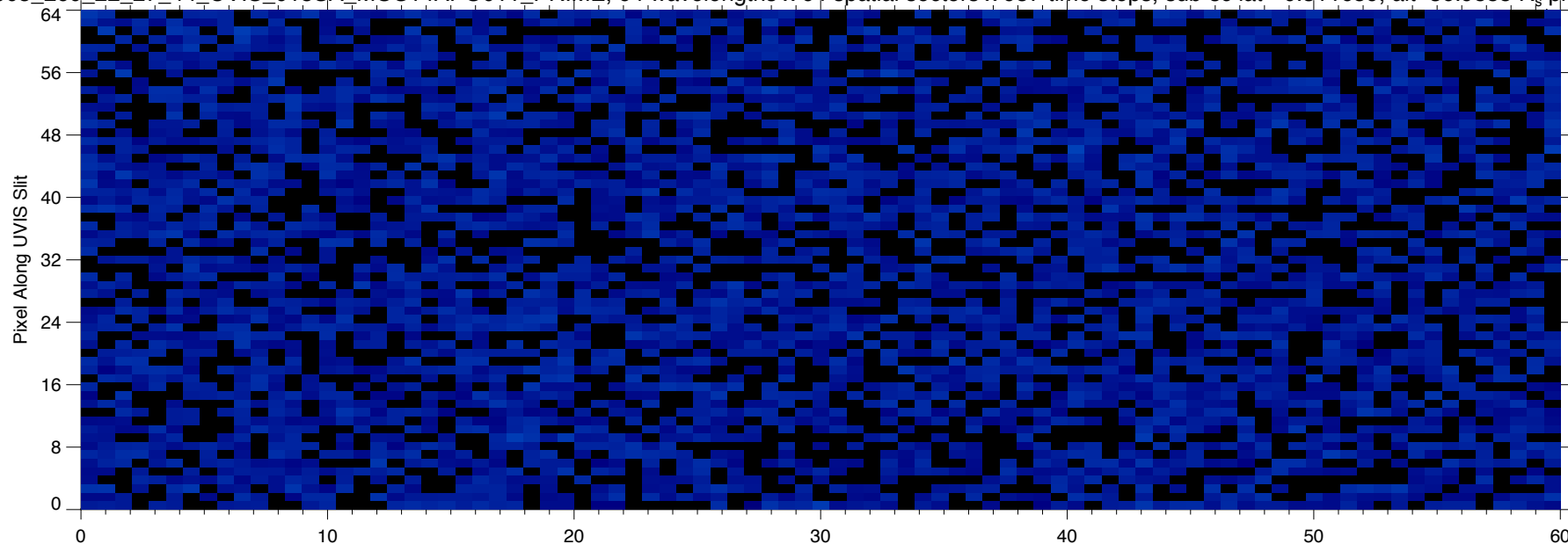
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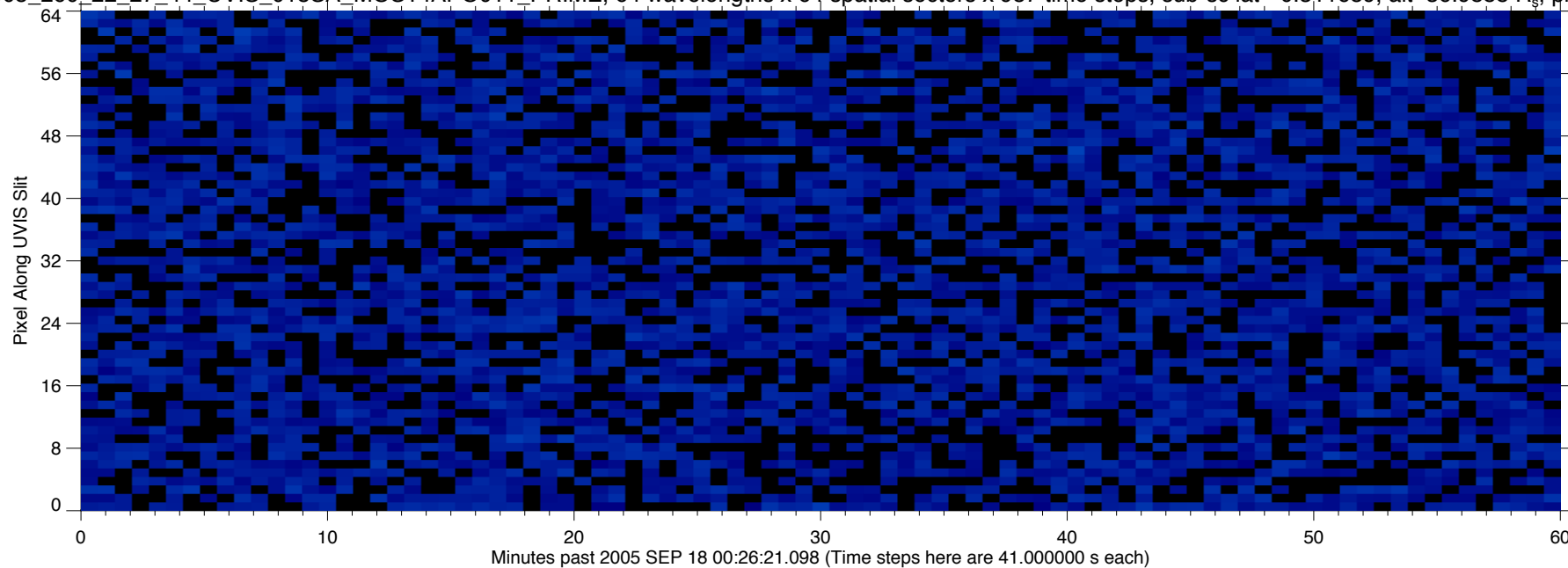
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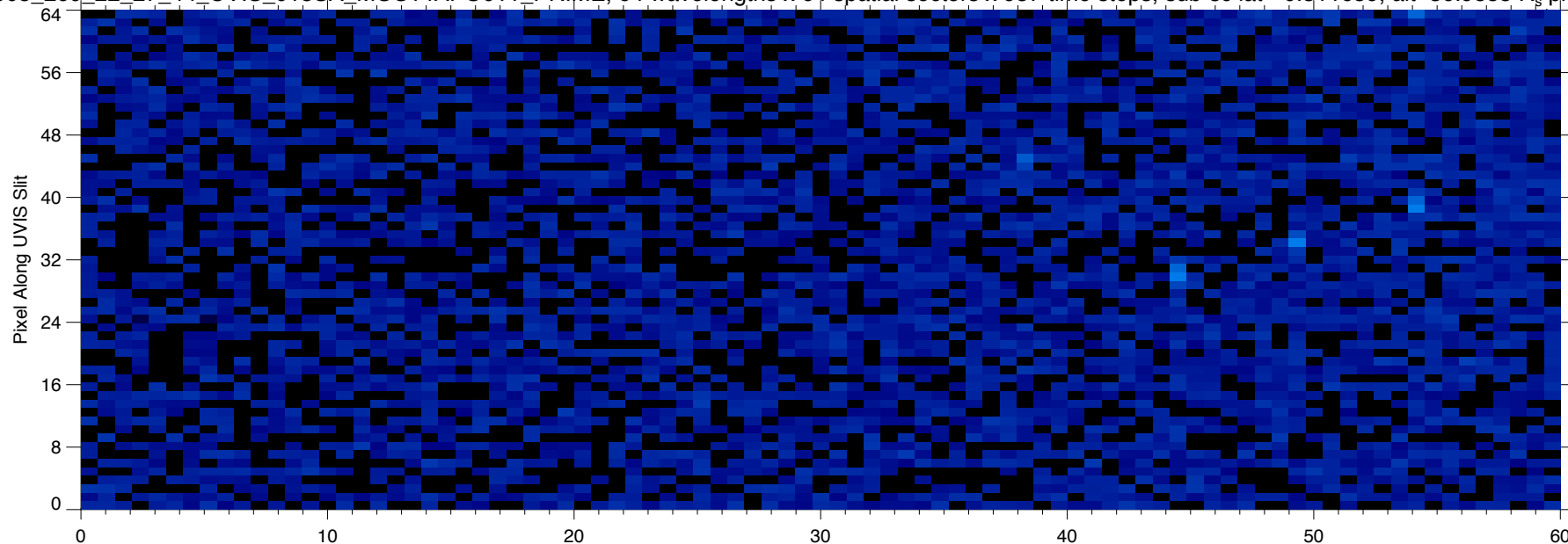
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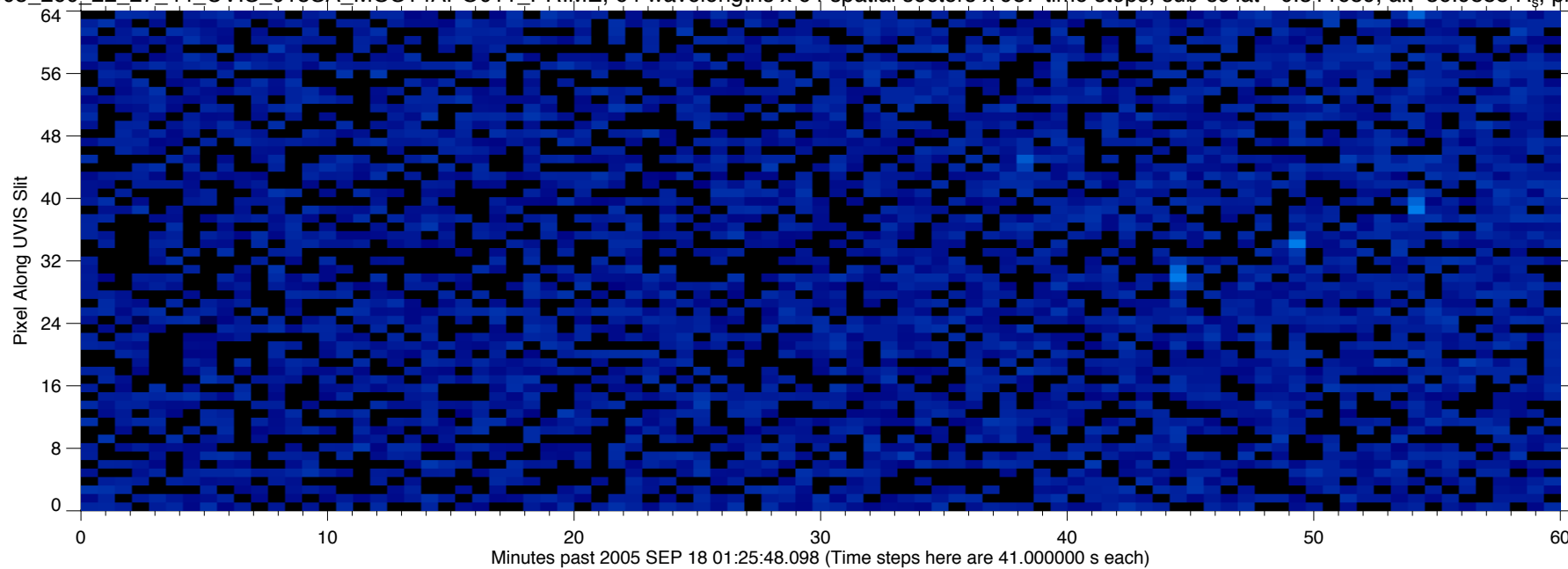
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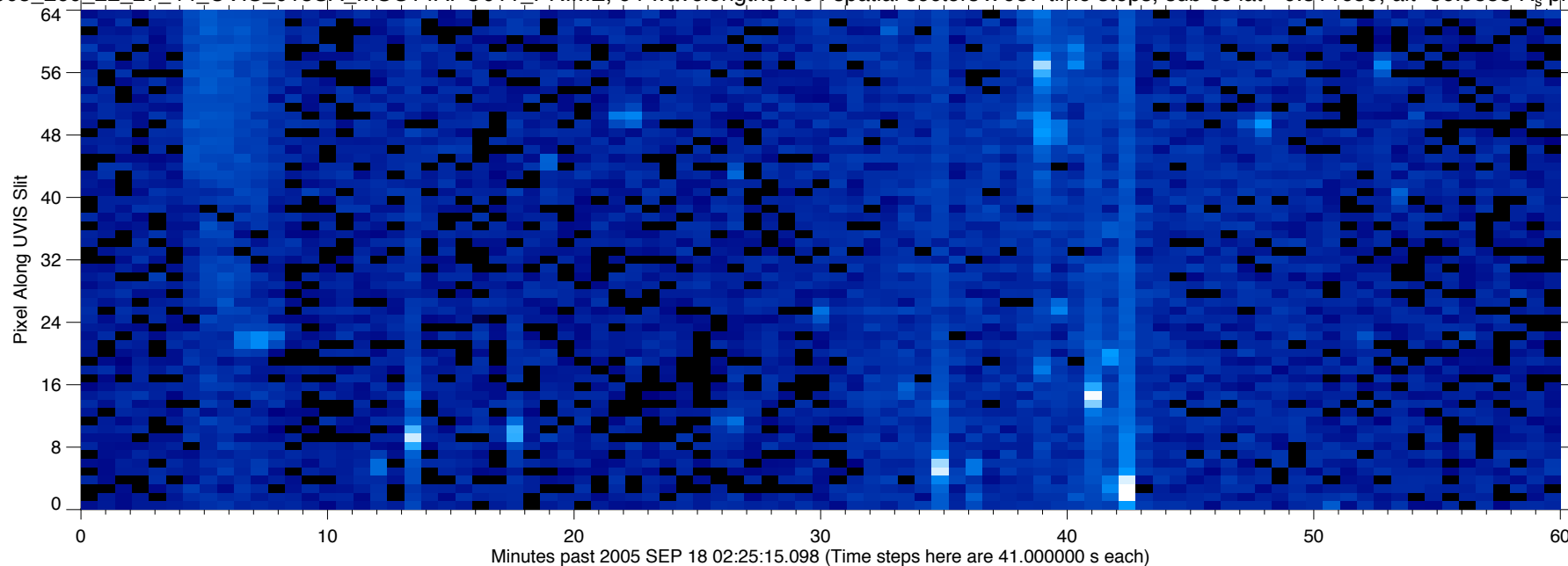
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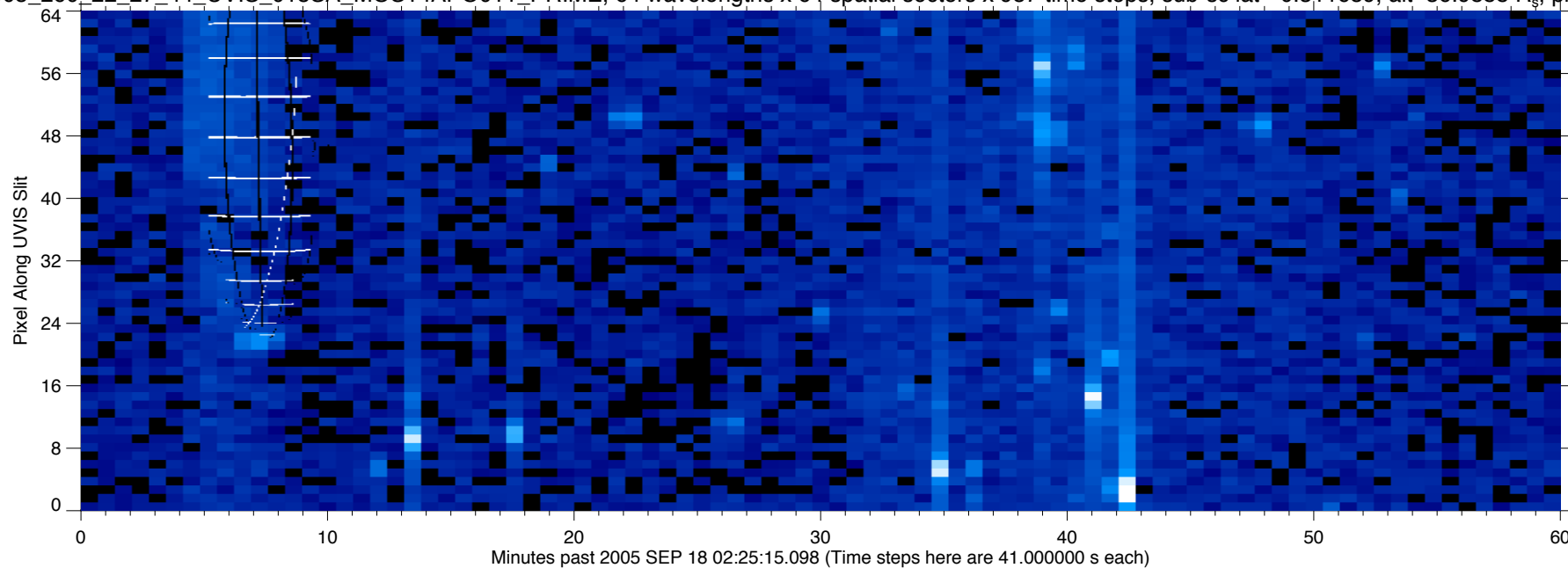
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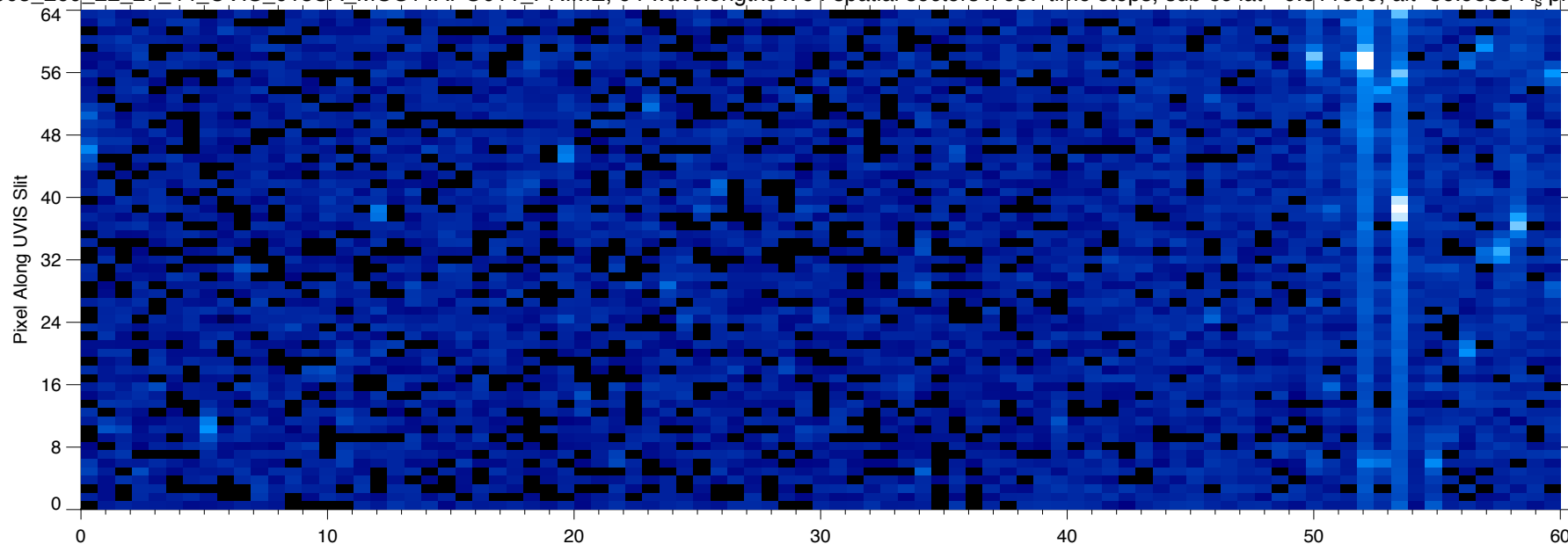
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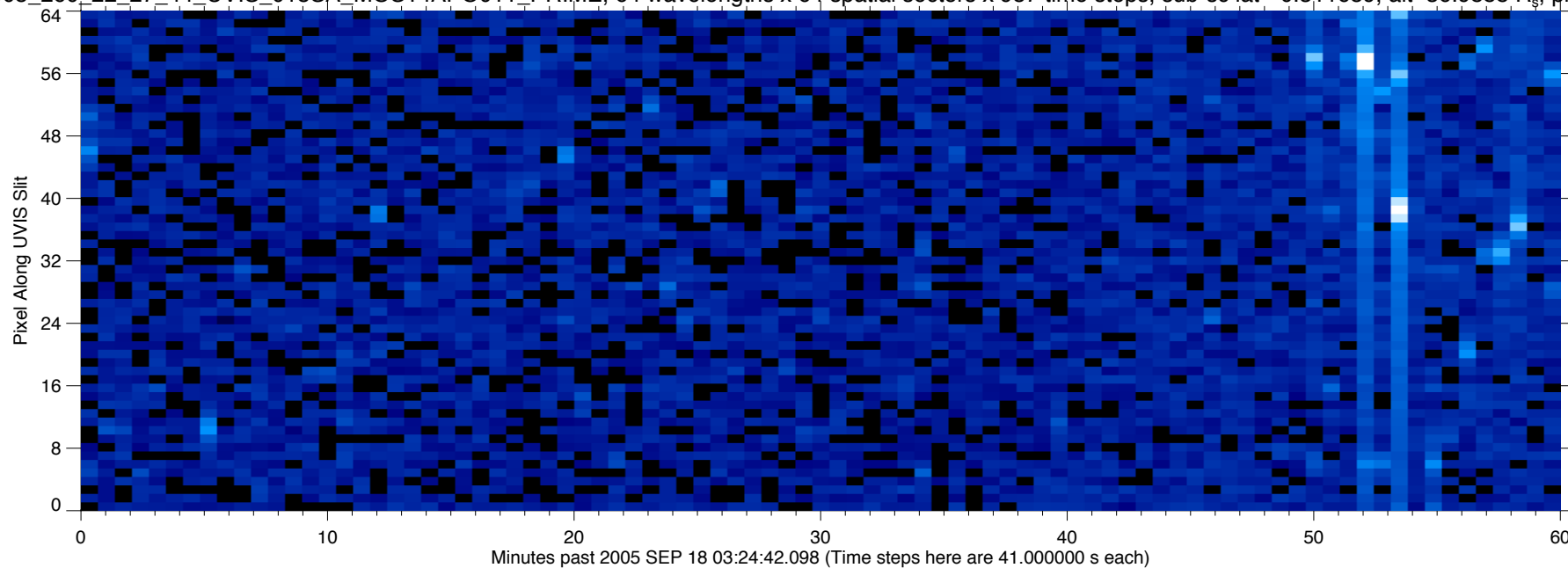
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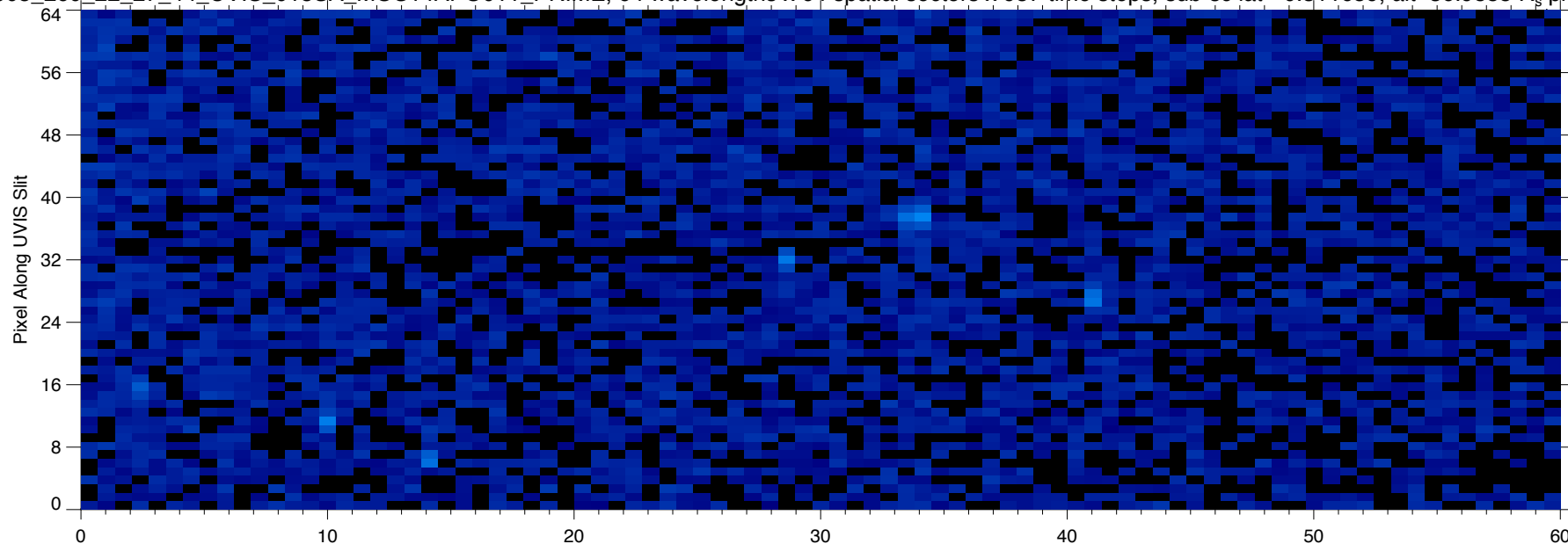
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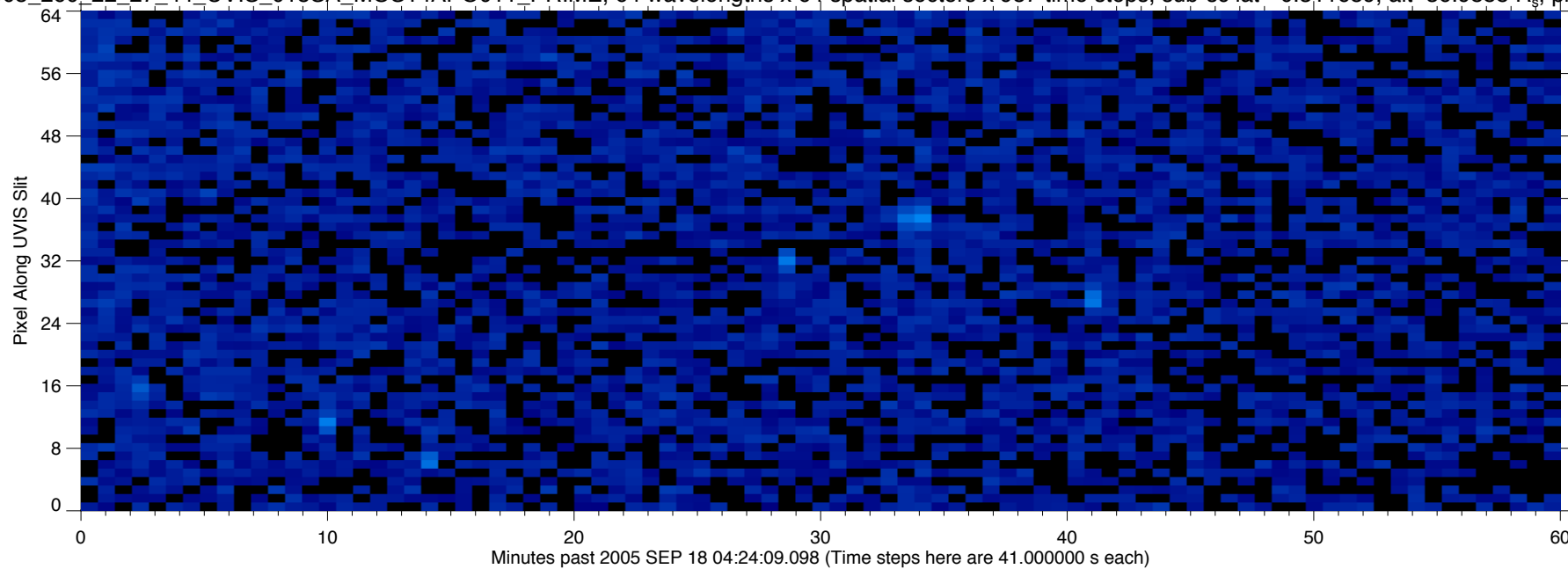
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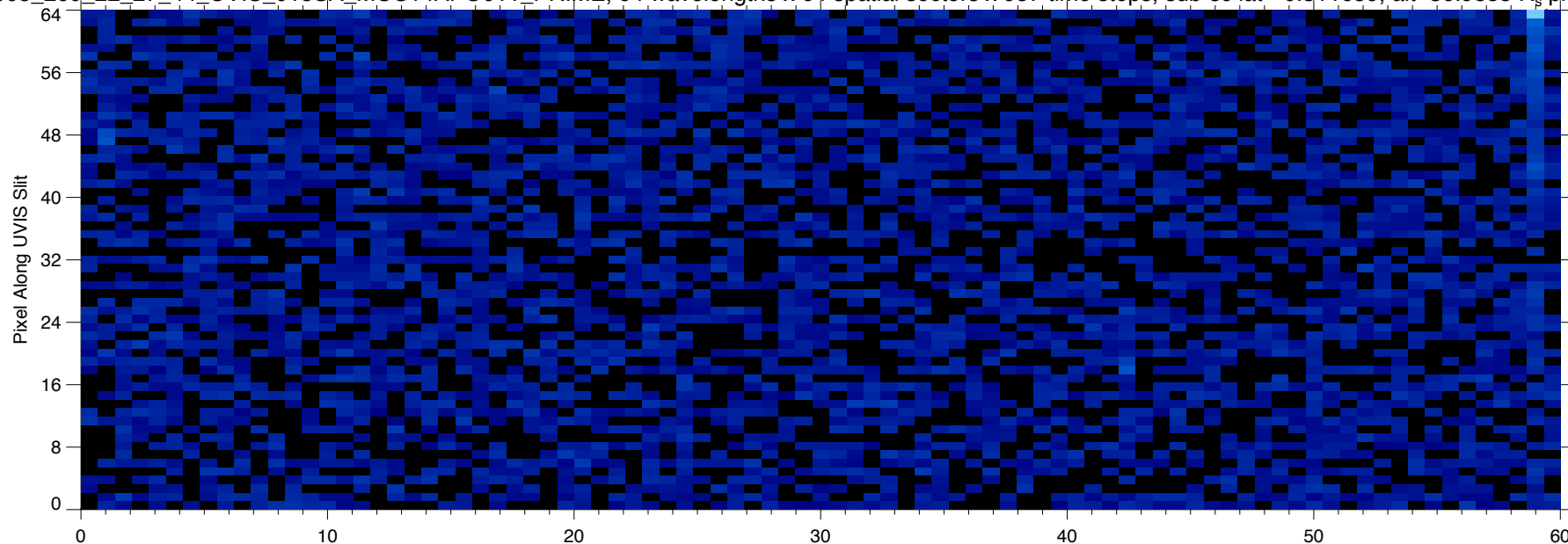
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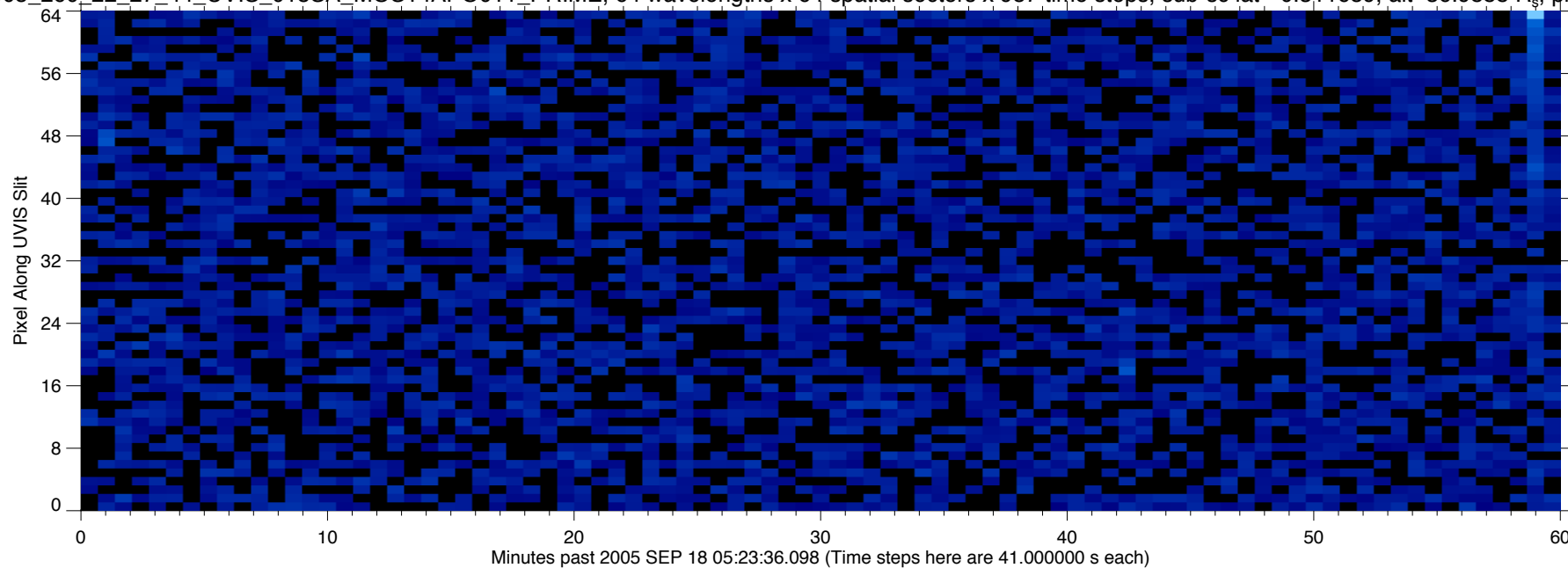
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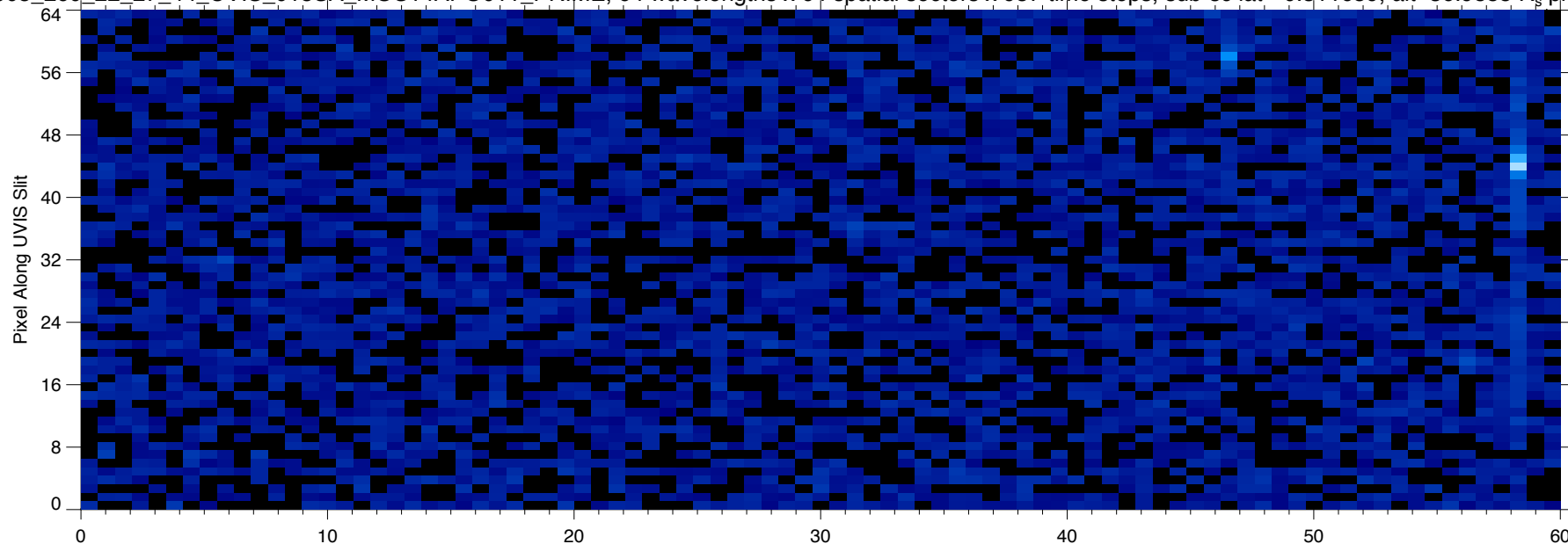
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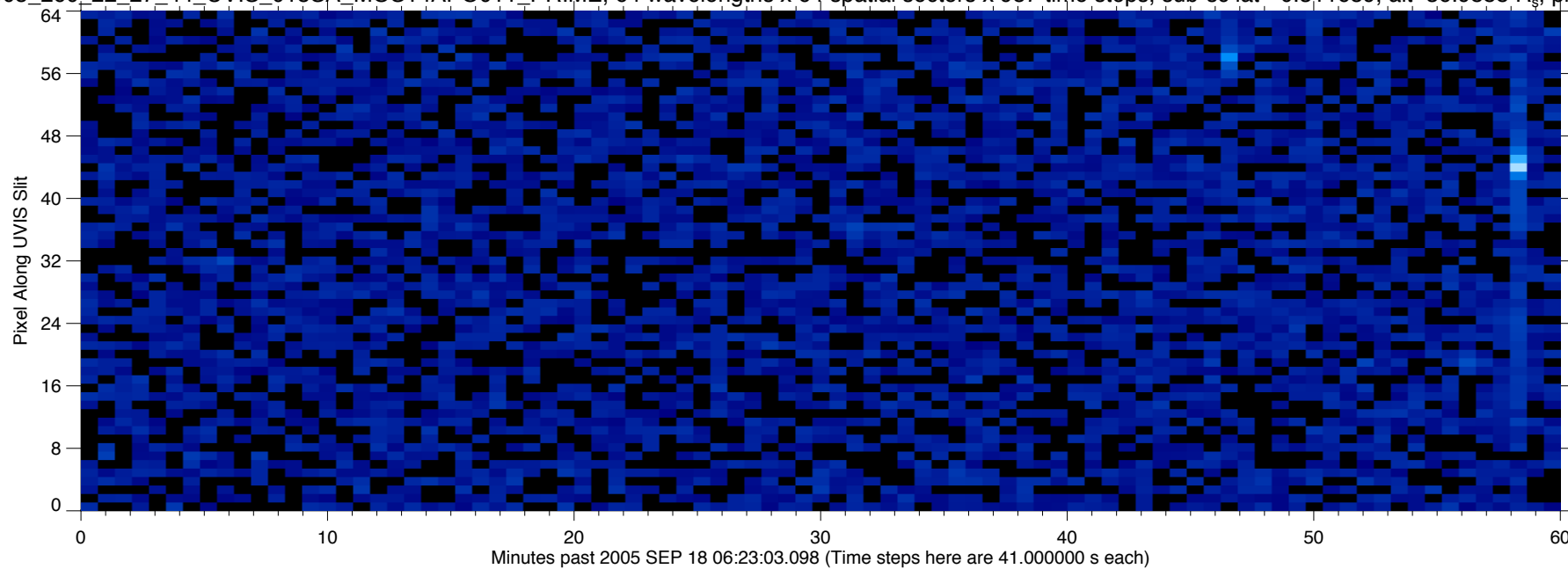
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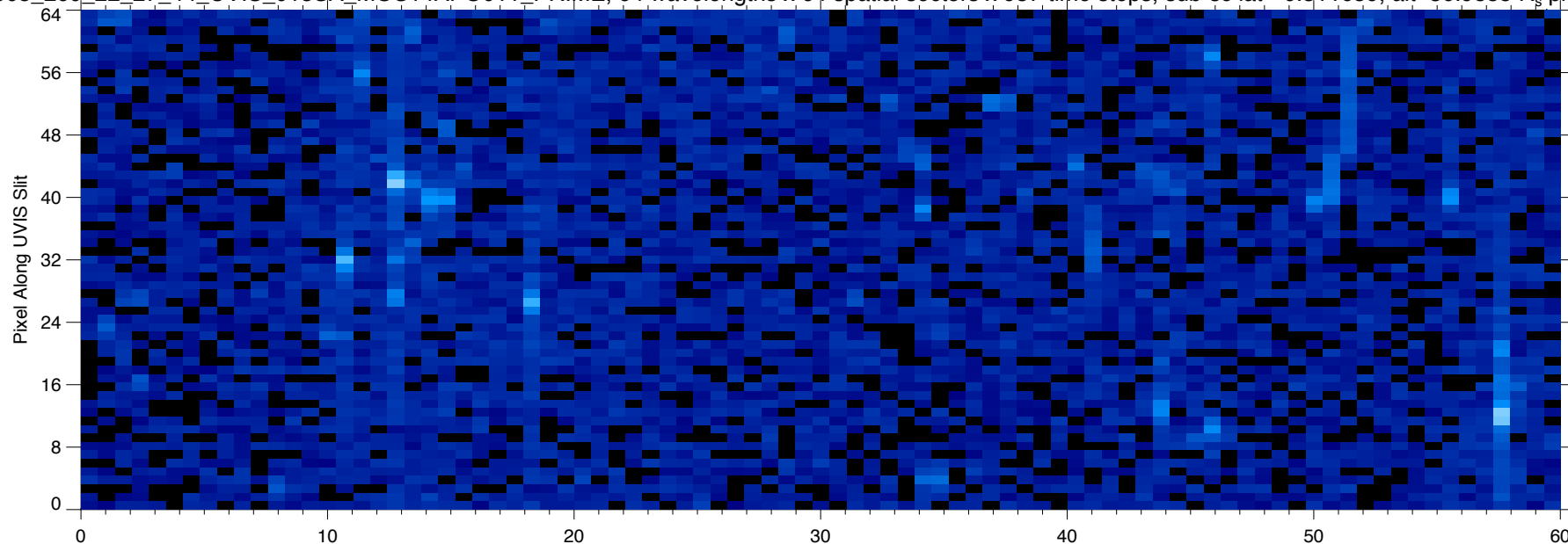
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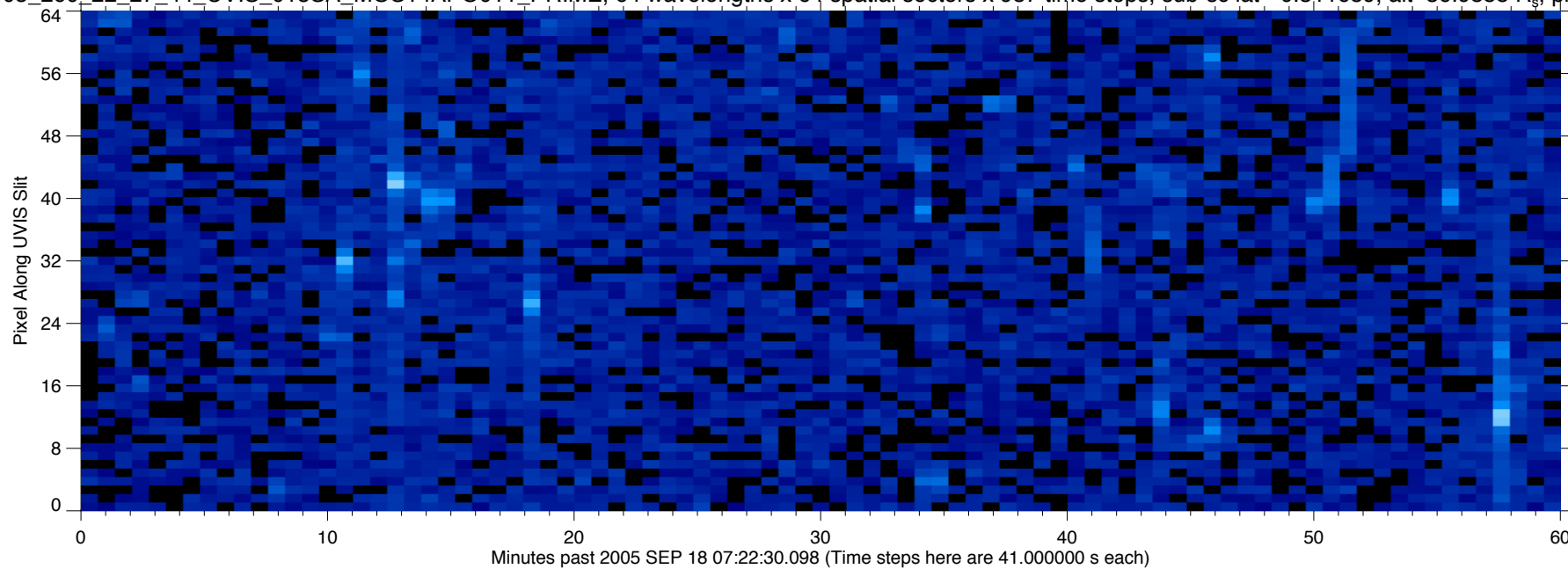
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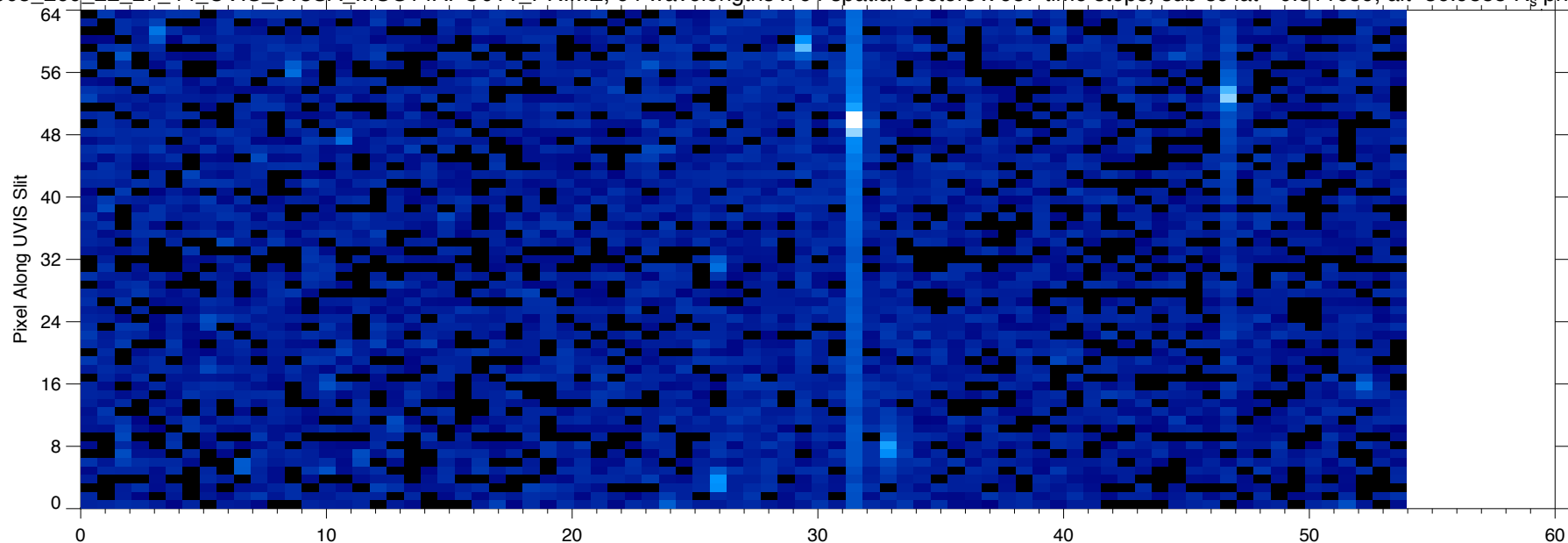
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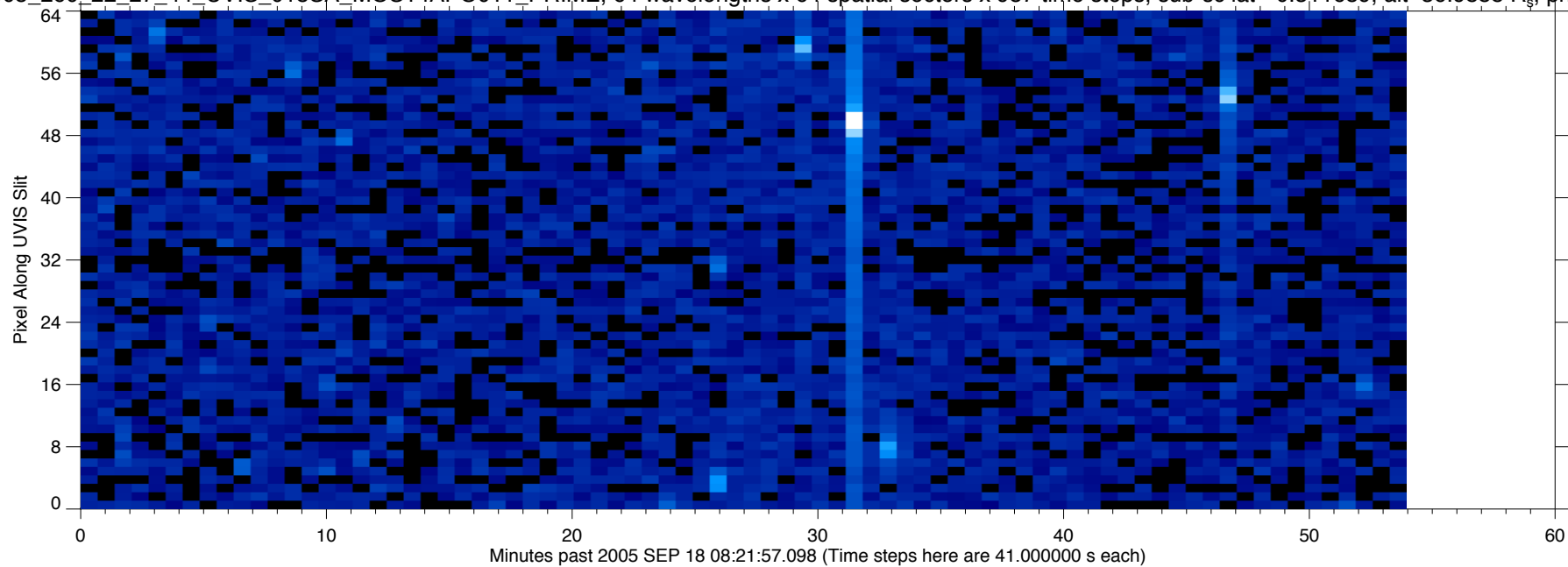
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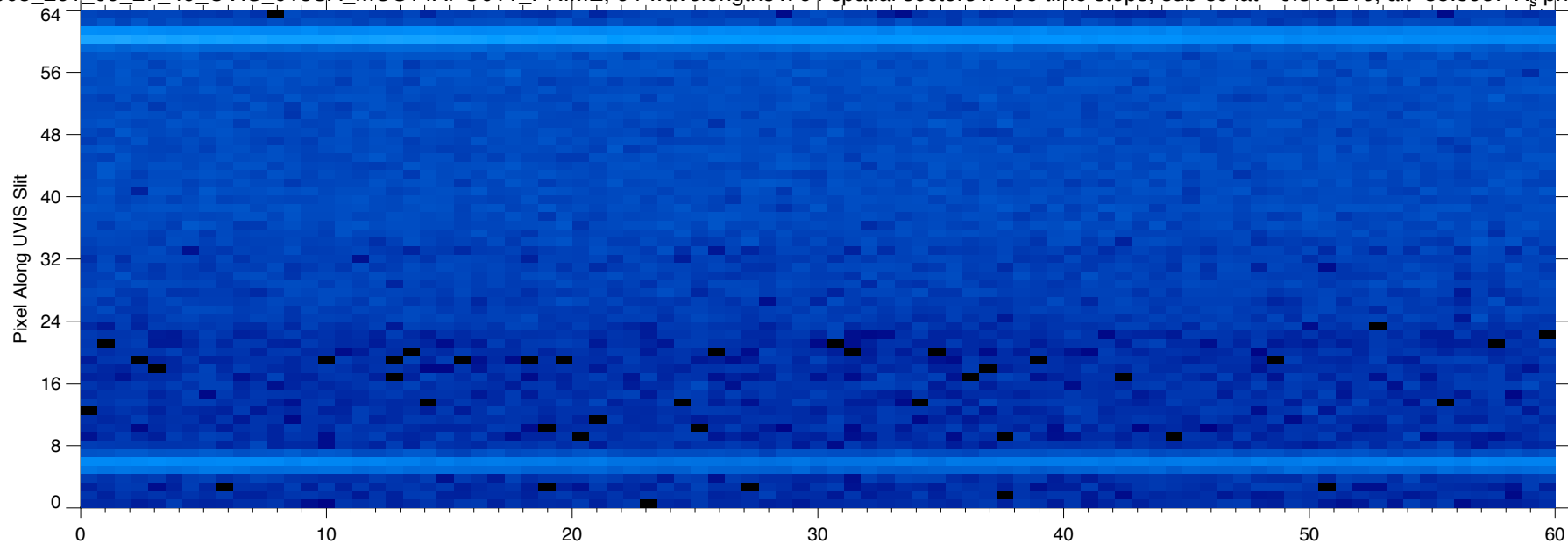
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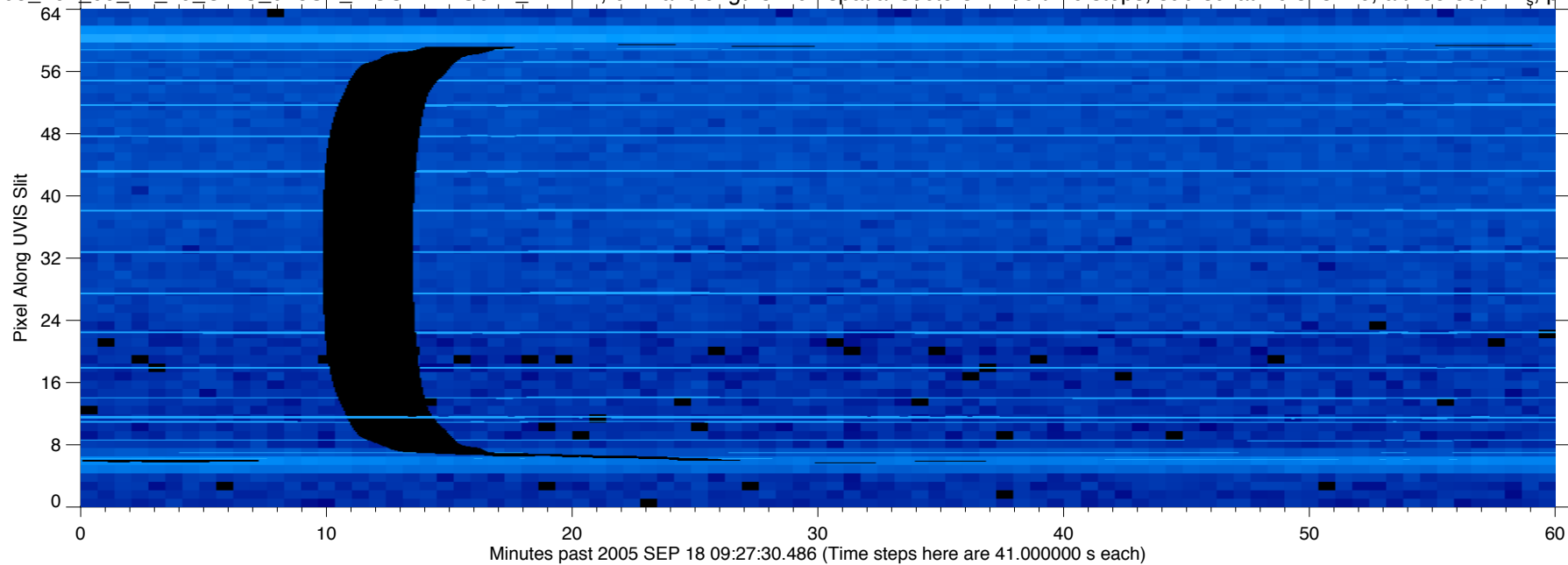
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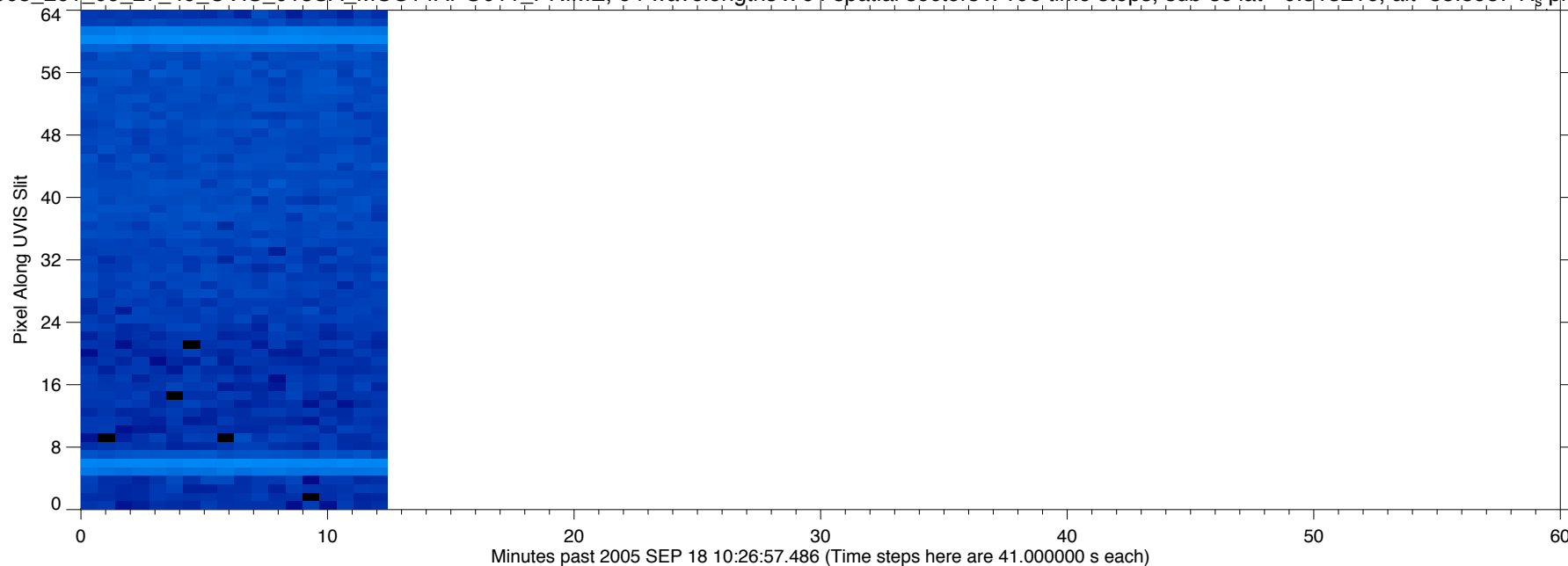
FUV2005_261_09_27_49_UVIS_015SA_MOS14APO011_PRIME, 64 wavelengths x 64 spatial sectors x 106 time steps, sub-sc lat=-0.313216, alt=35.8987 R_s phase=63.0588



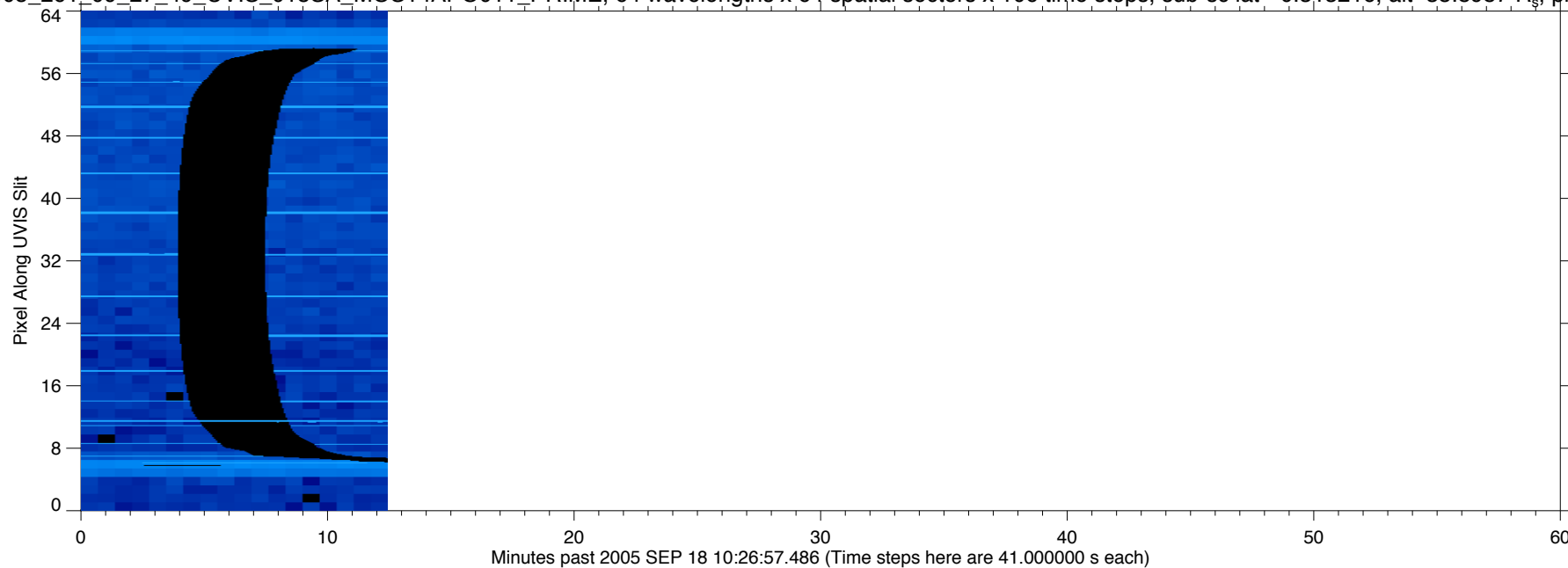
FUV2005_261_09_27_49_UVIS_015SA_MOS14APO011_PRIME, 64 wavelengths x 64 spatial sectors x 106 time steps, sub-sc lat=-0.313216, alt=35.8987 R_s phase=63.0588



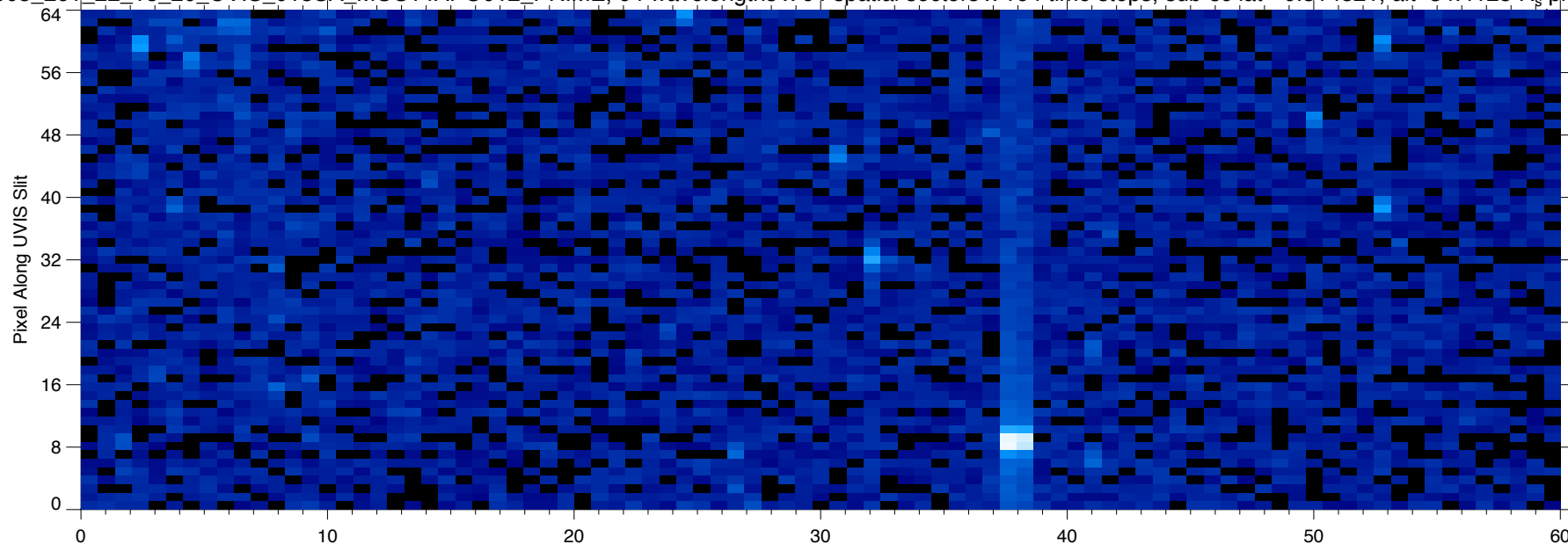
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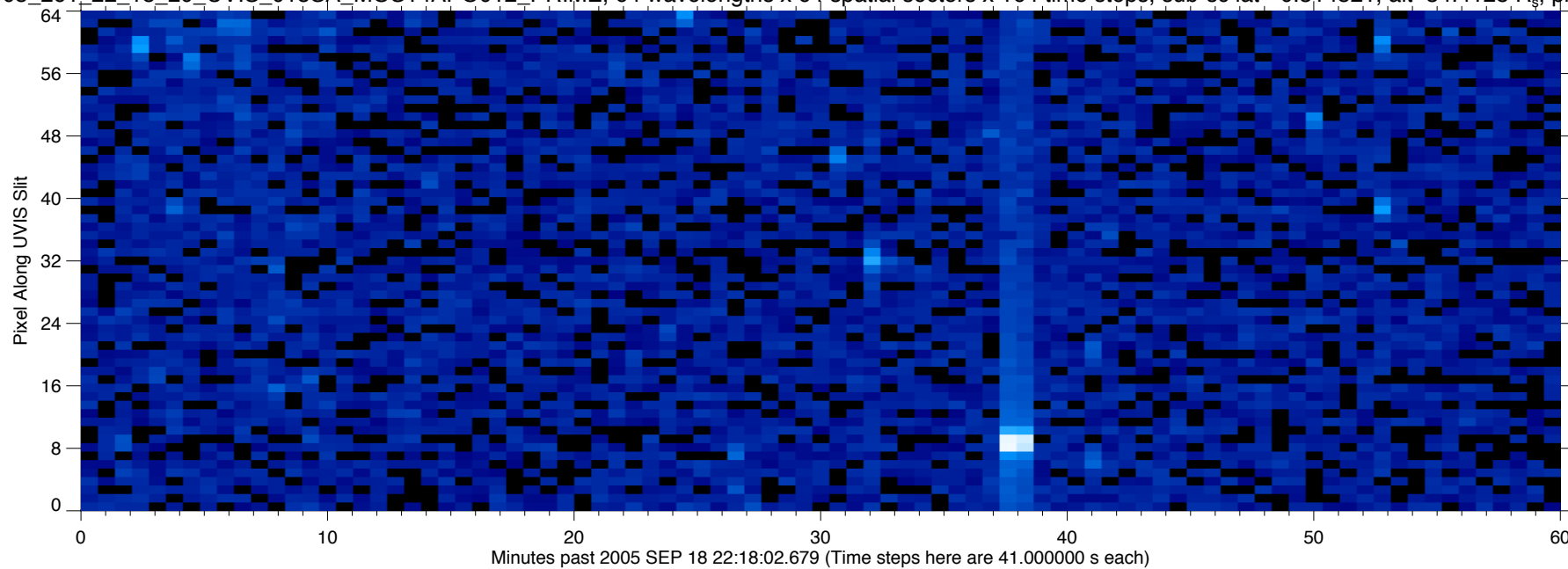
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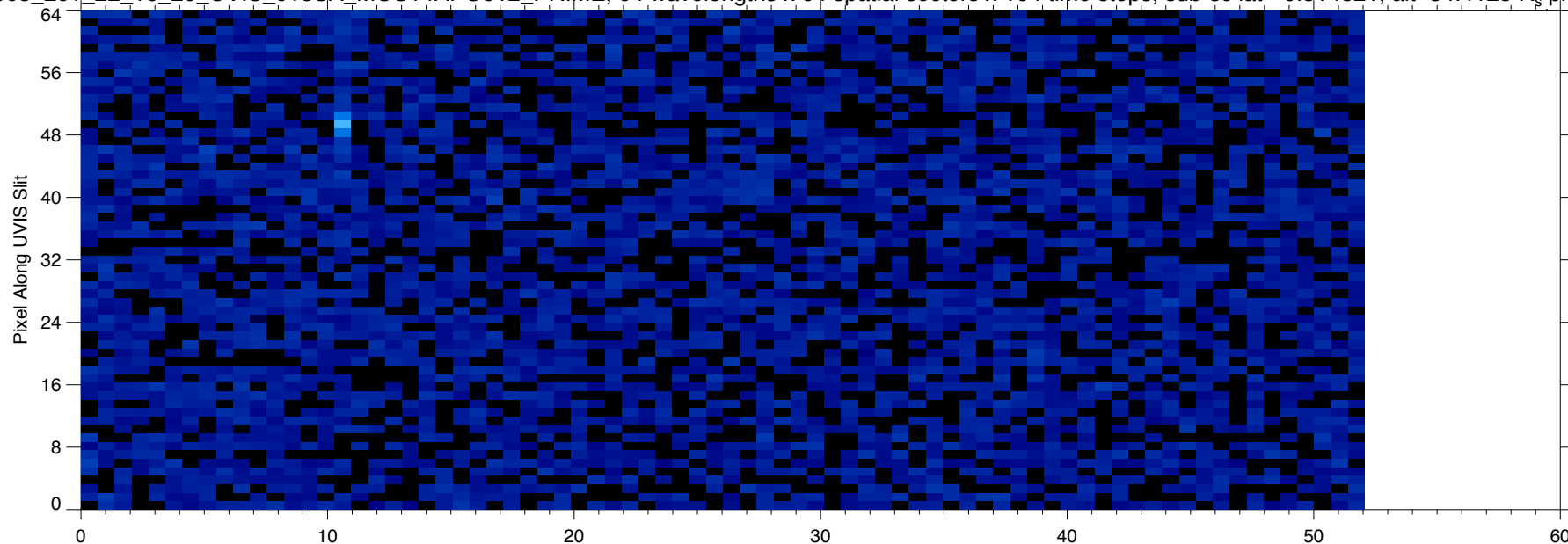
FUV2005_261_22_18_20_UVIS_015SA_MOS14APO012_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-0.314821, alt=34.4128 R_s, phase=61.2212



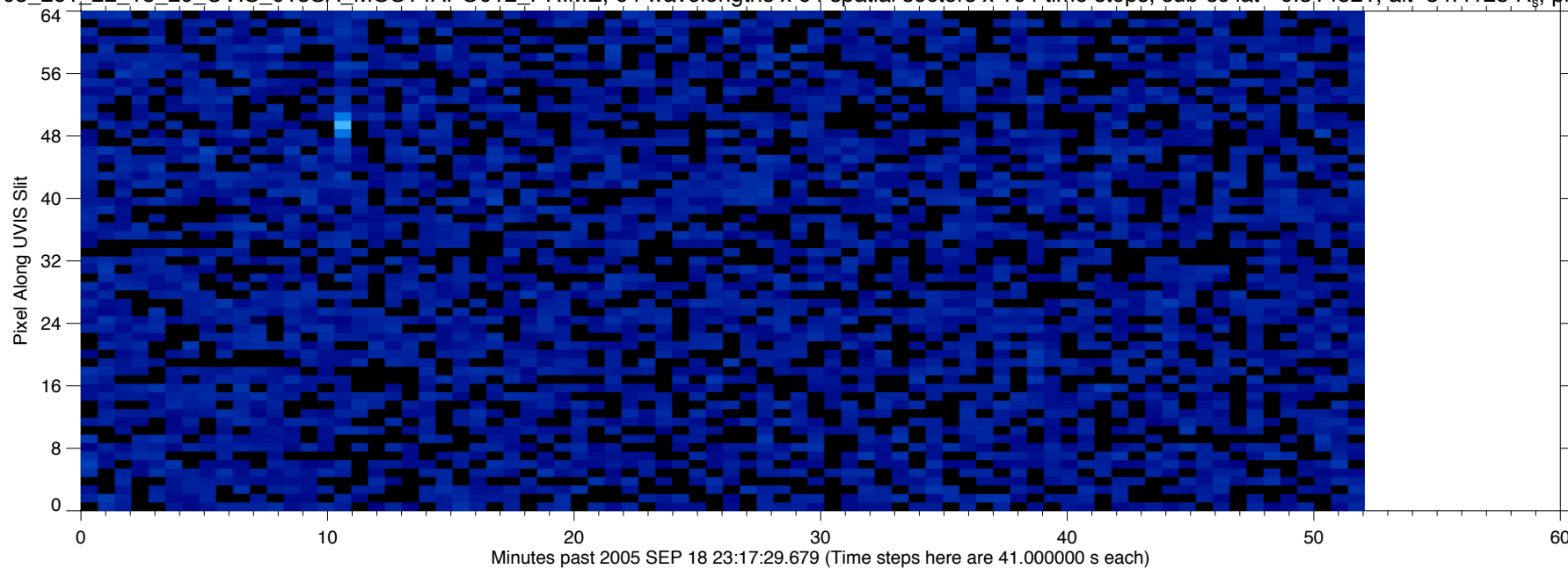
FUV2005_261_22_18_20_UVIS_015SA_MOS14APO012_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-0.314821, alt=34.4128 R_s, phase=61.2212



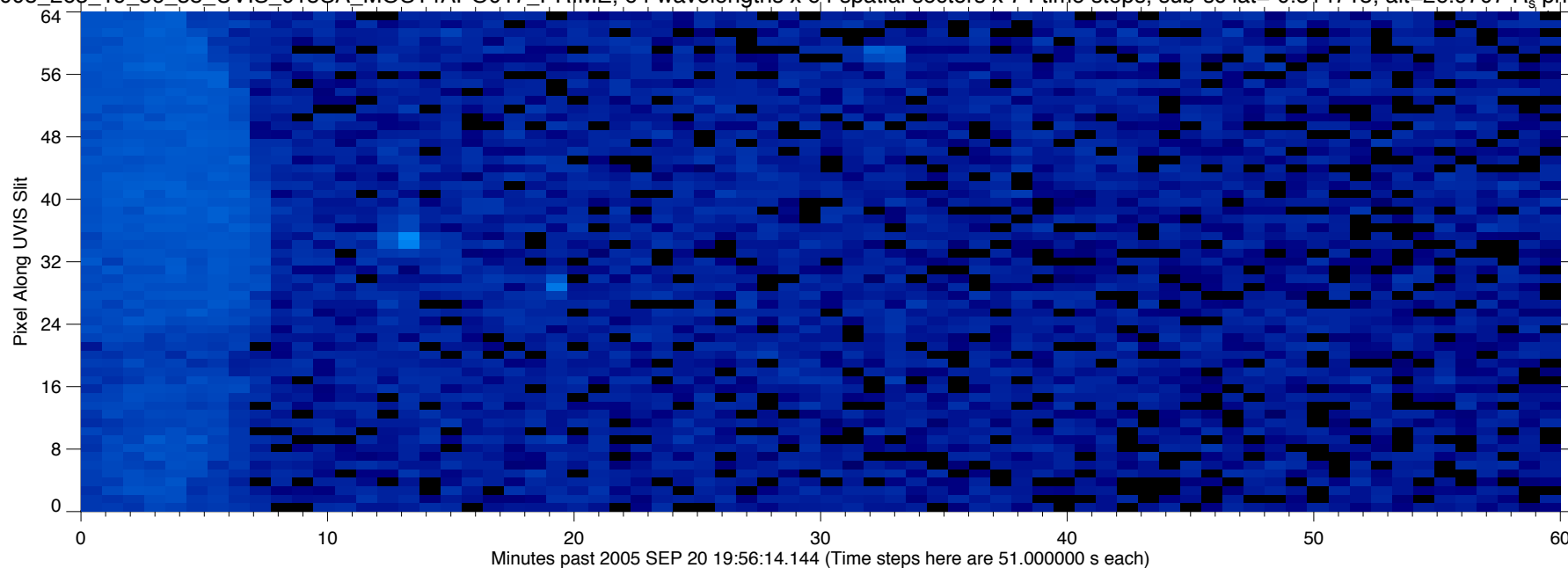
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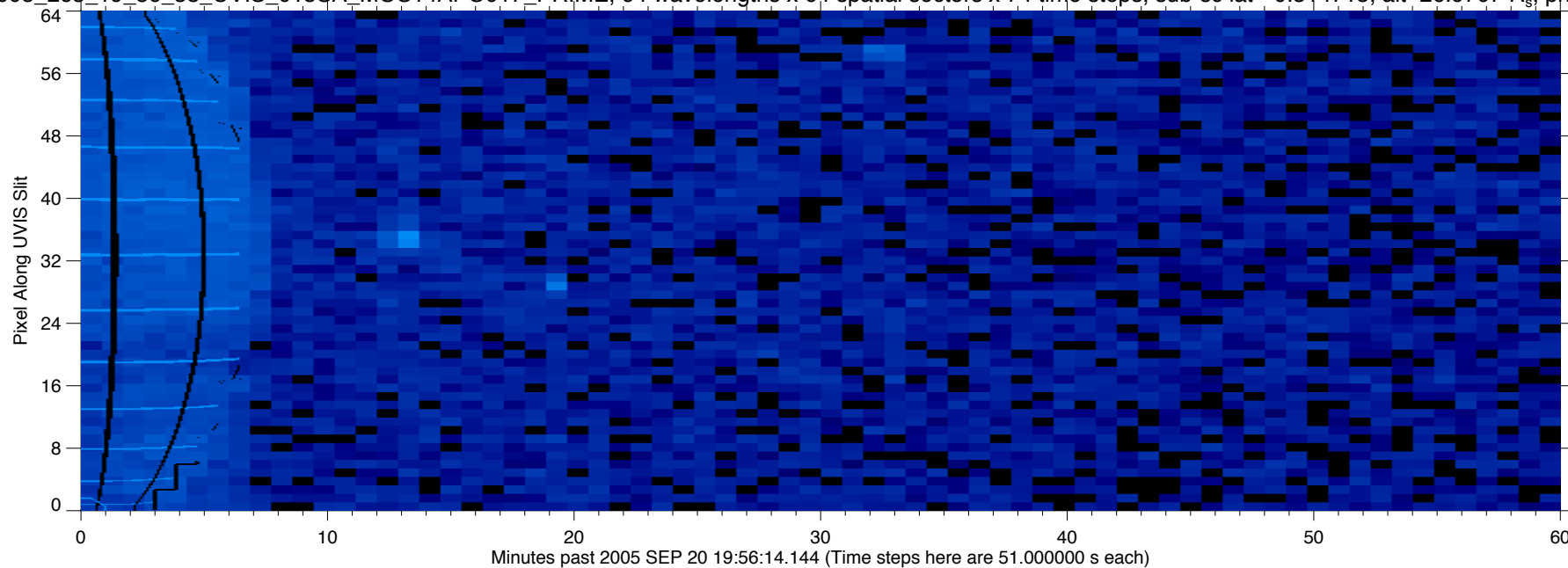
FUV2005_261_22_18_20_UVIS_015SA_MOS14APO012_PRIME, 64 wavelengths x 64 spatial sectors x 164 time steps, sub-sc lat=-0.314821, alt=34.4128 R_s, phase=61.2212



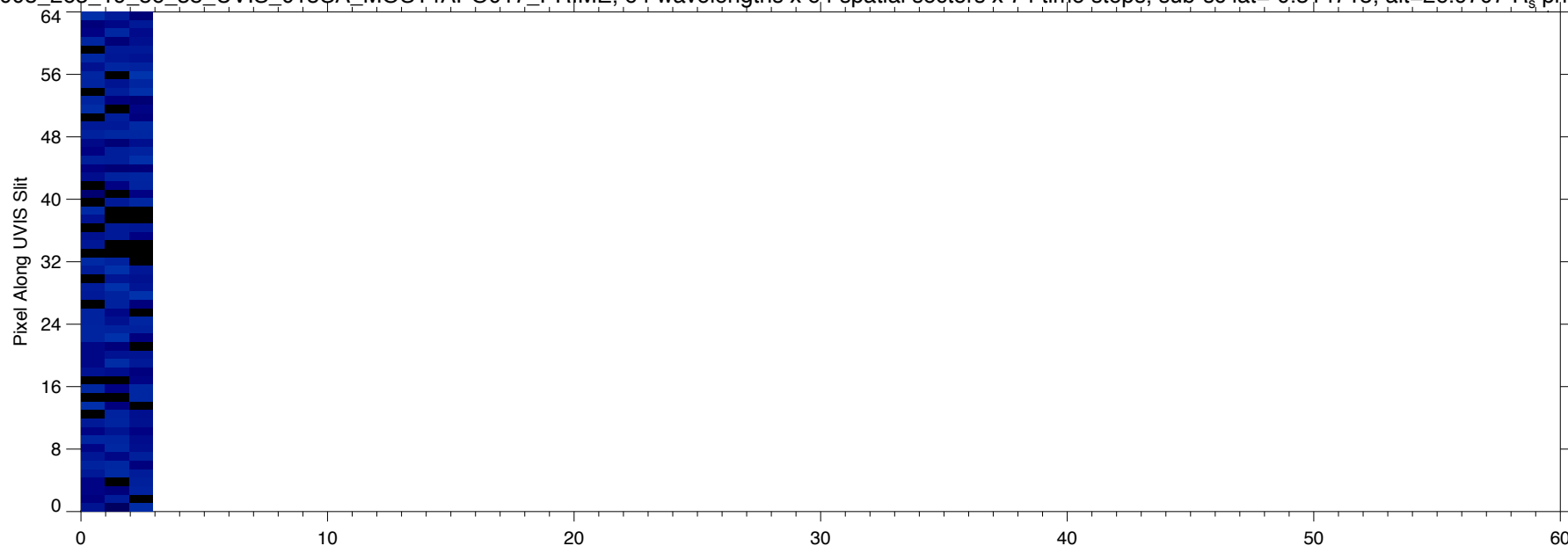
FUV2005_263_19_56_38_UVIS_015SA_MOS14APO017_PRIME, 64 wavelengths x 64 spatial sectors x 74 time steps, sub-sc lat=-0.314715, alt=26.9707 R_s, phase=52.9022



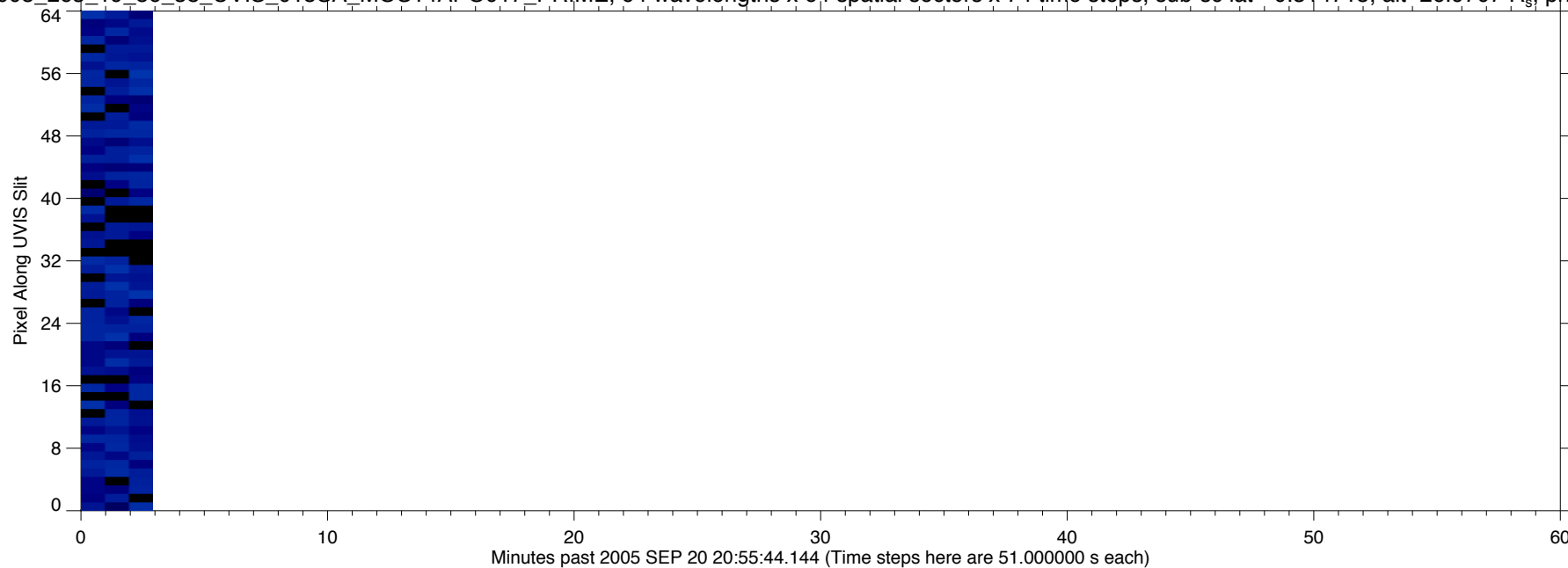
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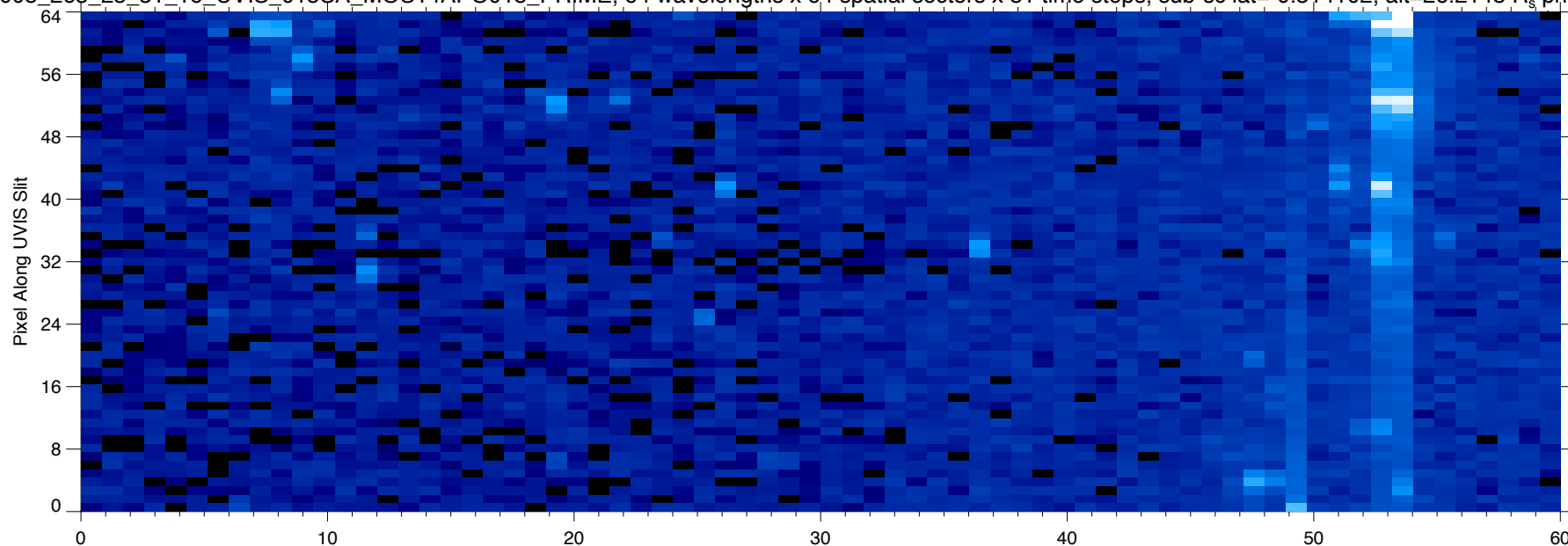
FUV2005_263_19_56_38_UVIS_015SA_MOS14APO017_PRIME, 64 wavelengths x 64 spatial sectors x 74 time steps, sub-sc lat=-0.314715, alt=26.9707 R_s phase=52.9022



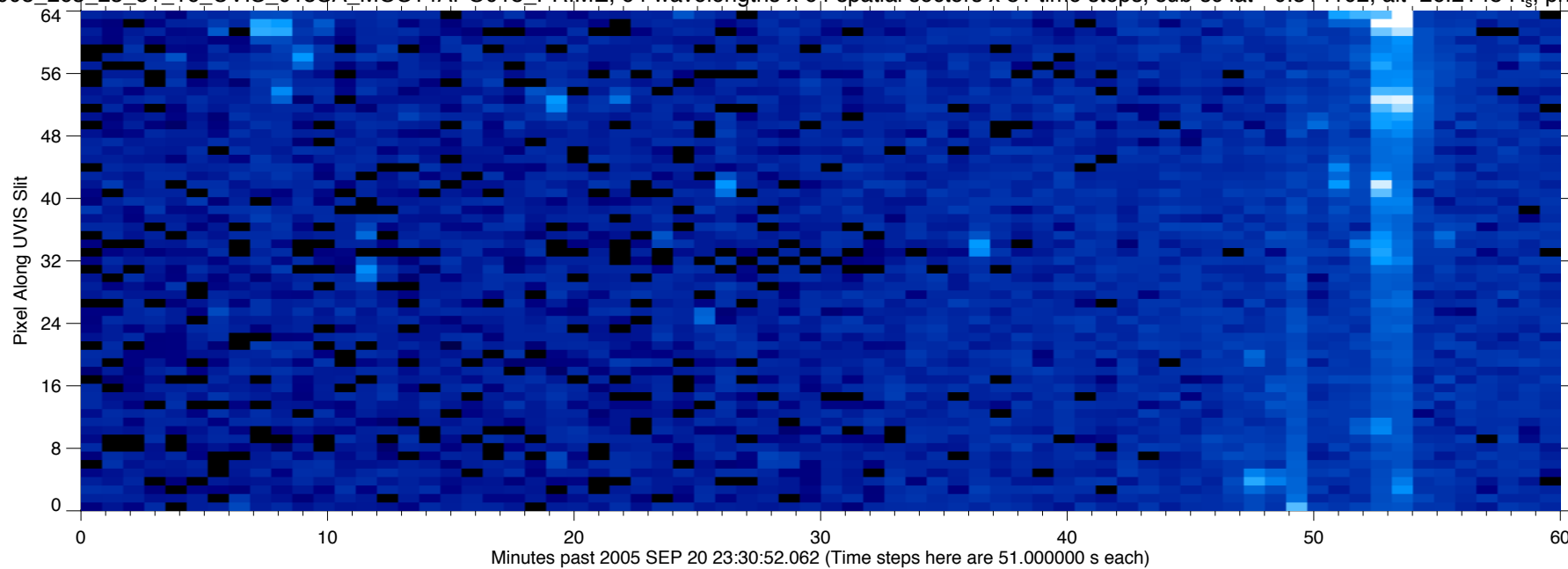
FUV2005_263_19_56_38_UVIS_015SA_MOS14APO017_PRIME, 64 wavelengths x 64 spatial sectors x 74 time steps, sub-sc lat=-0.314715, alt=26.9707 R_s phase=52.9022



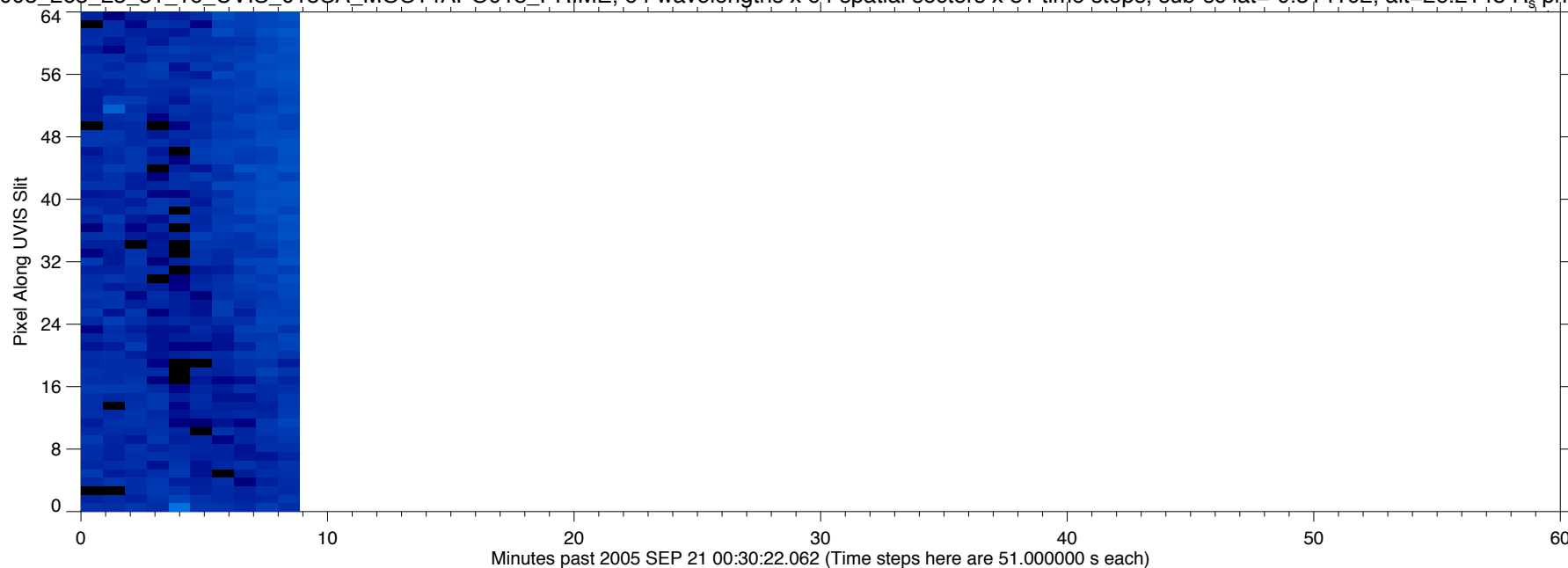
FUV2005_263_23_31_16_UVIS_015SA_MOS14APO018_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-0.314102, alt=26.2148 R_s phase=52.0496



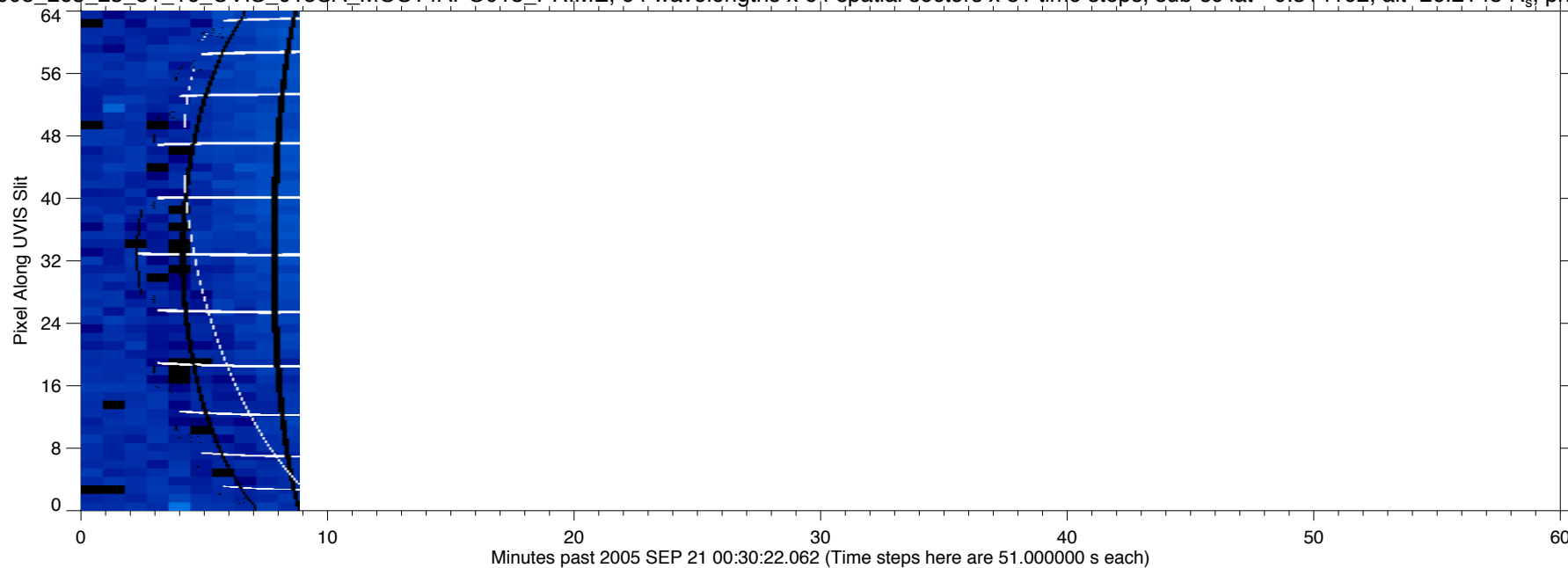
FUV2005_263_23_31_16_UVIS_015SA_MOS14APO018_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-0.314102, alt=26.2148 R_s phase=52.0496



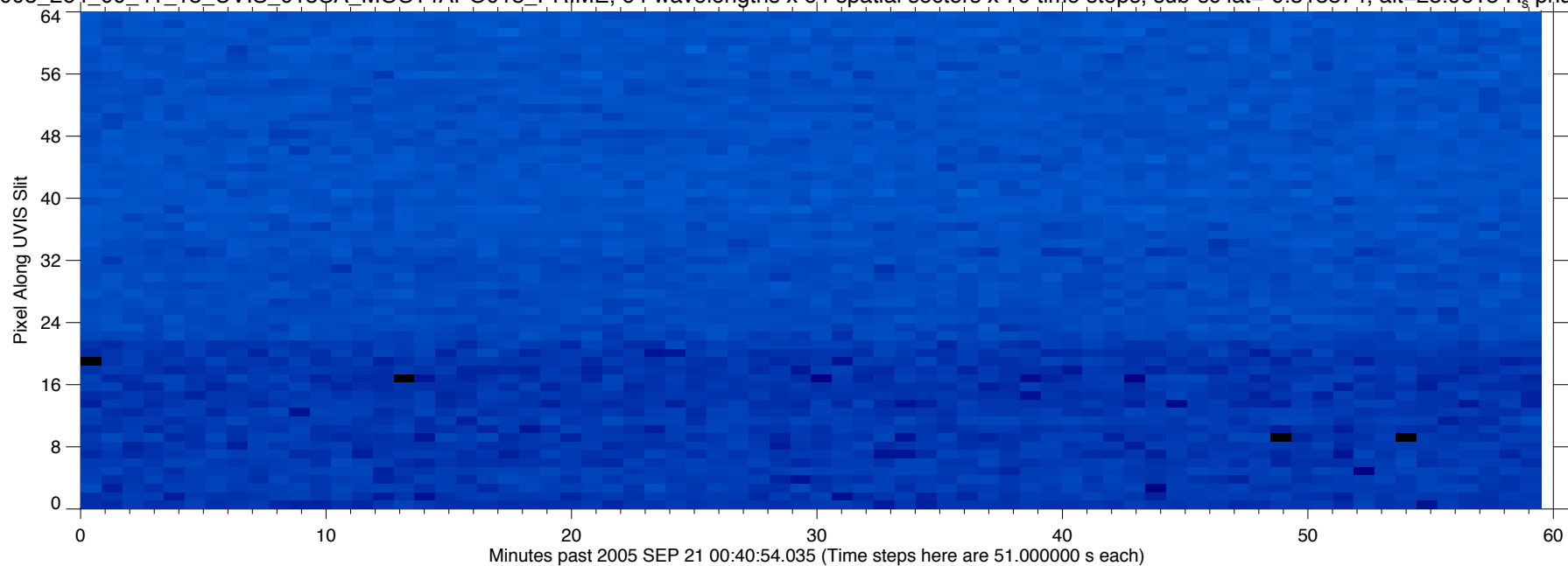
FUV2005_263_23_31_16_UVIS_015SA_MOS14APO018_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-0.314102, alt=26.2148 R_s phase=52.0496



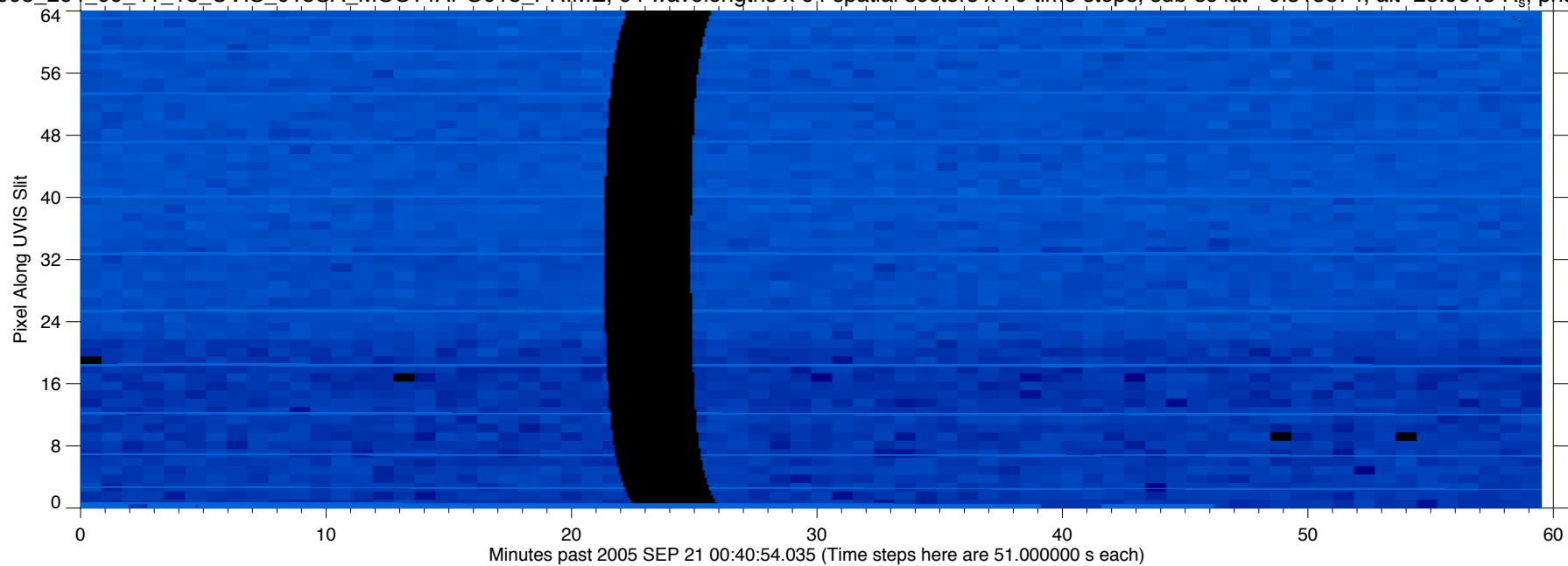
FUV2005_263_23_31_16_UVIS_015SA_MOS14APO018_PRIME, 64 wavelengths x 64 spatial sectors x 81 time steps, sub-sc lat=-0.314102, alt=26.2148 R_s phase=52.0496



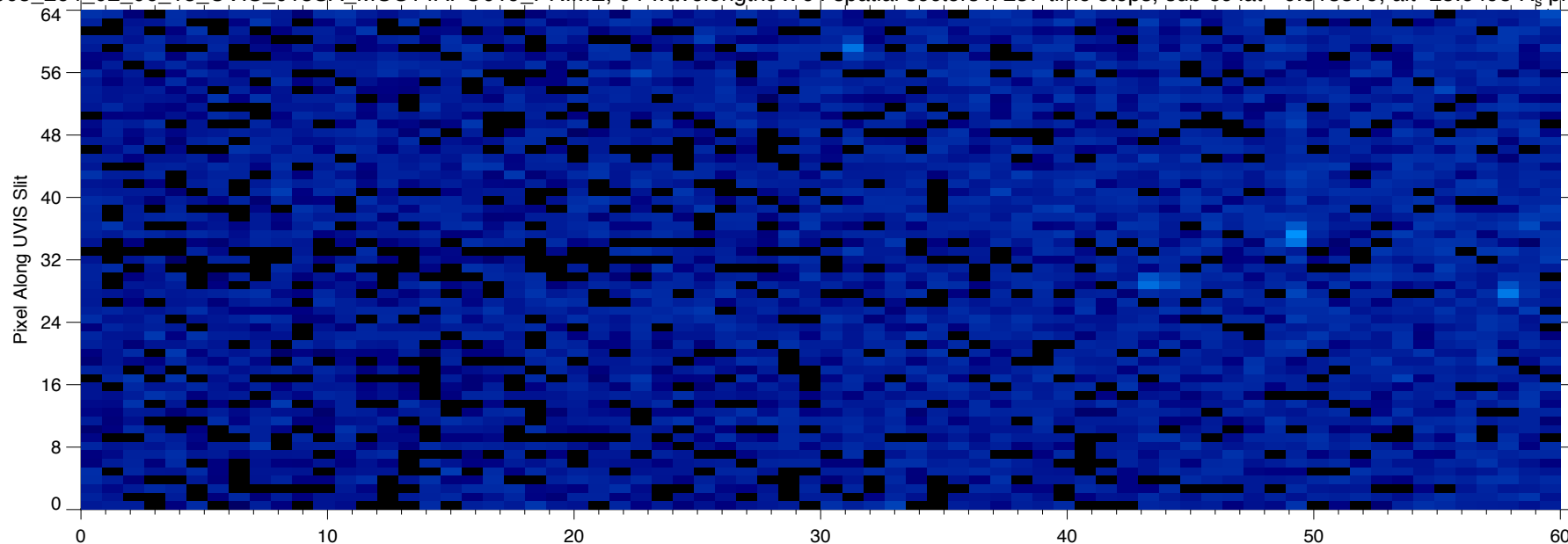
FUV2005_264_00_41_18_UVIS_015SA_MOS14APO018_PRIME, 64 wavelengths x 64 spatial sectors x 70 time steps, sub-sc lat=-0.313874, alt=25.9615 R_s, phase=51.7614



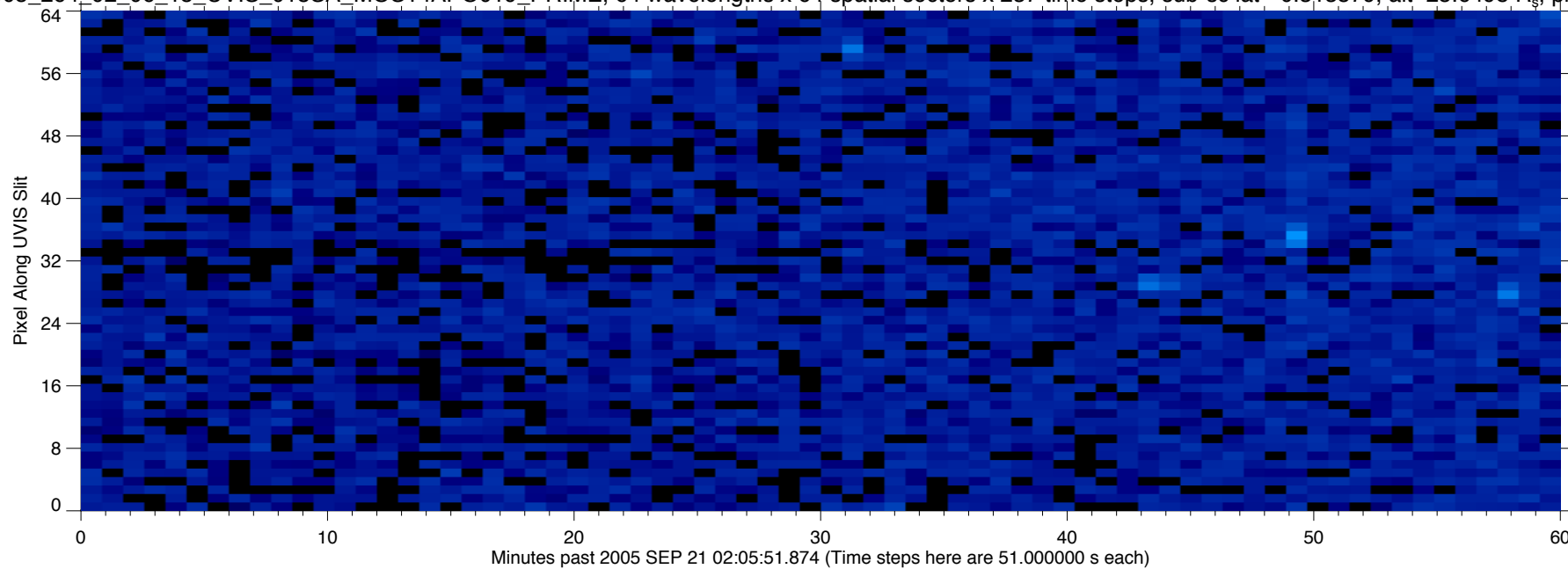
FUV2005_264_00_41_18_UVIS_015SA_MOS14APO018_PRIME, 64 wavelengths x 64 spatial sectors x 70 time steps, sub-sc lat=-0.313874, alt=25.9615 R_s, phase=51.7614



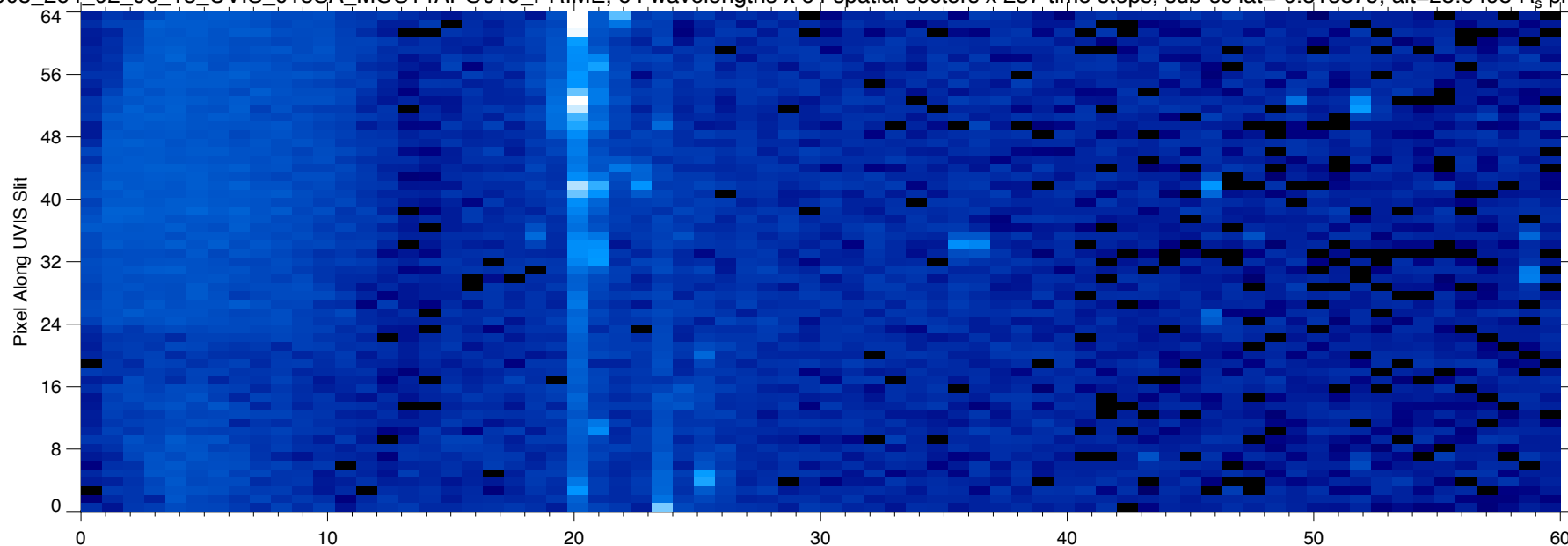
FUV2005_264_02_06_15_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.313579, alt=25.6498 R_s, phase=51.4047



FUV2005_264_02_06_15_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.313579, alt=25.6498 R_s, phase=51.4047

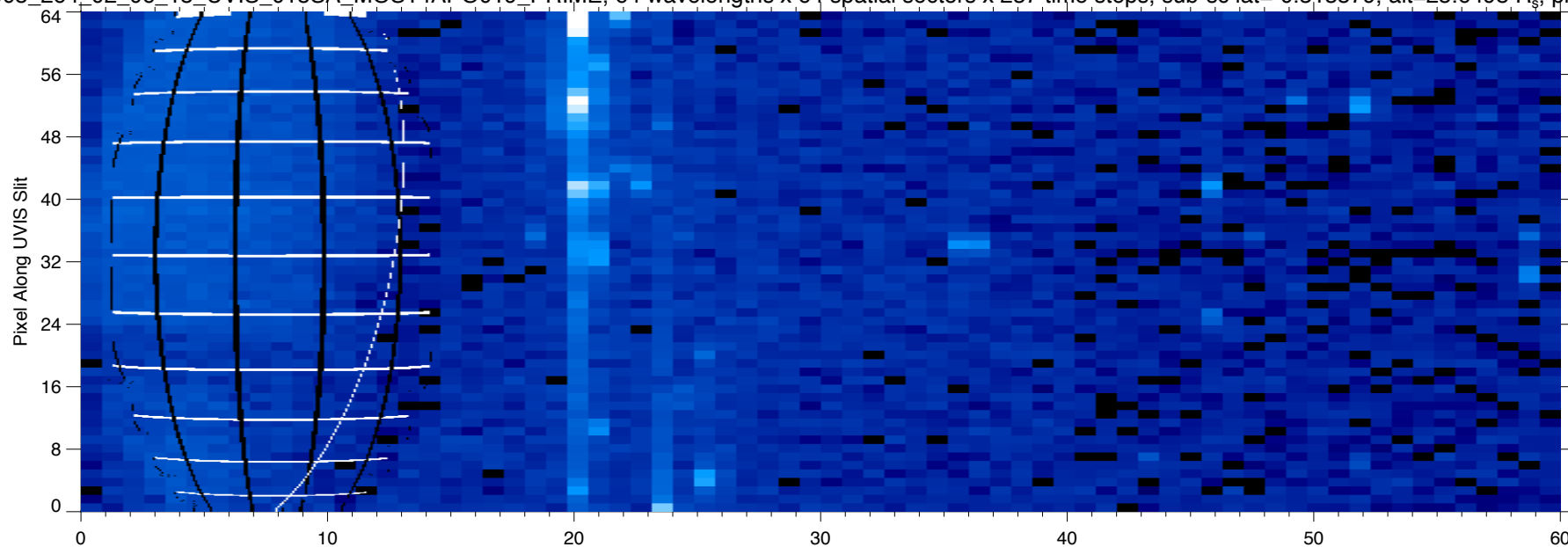


FUV2005_264_02_06_15_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.313579, alt=25.6498 R_s, phase=51.4047



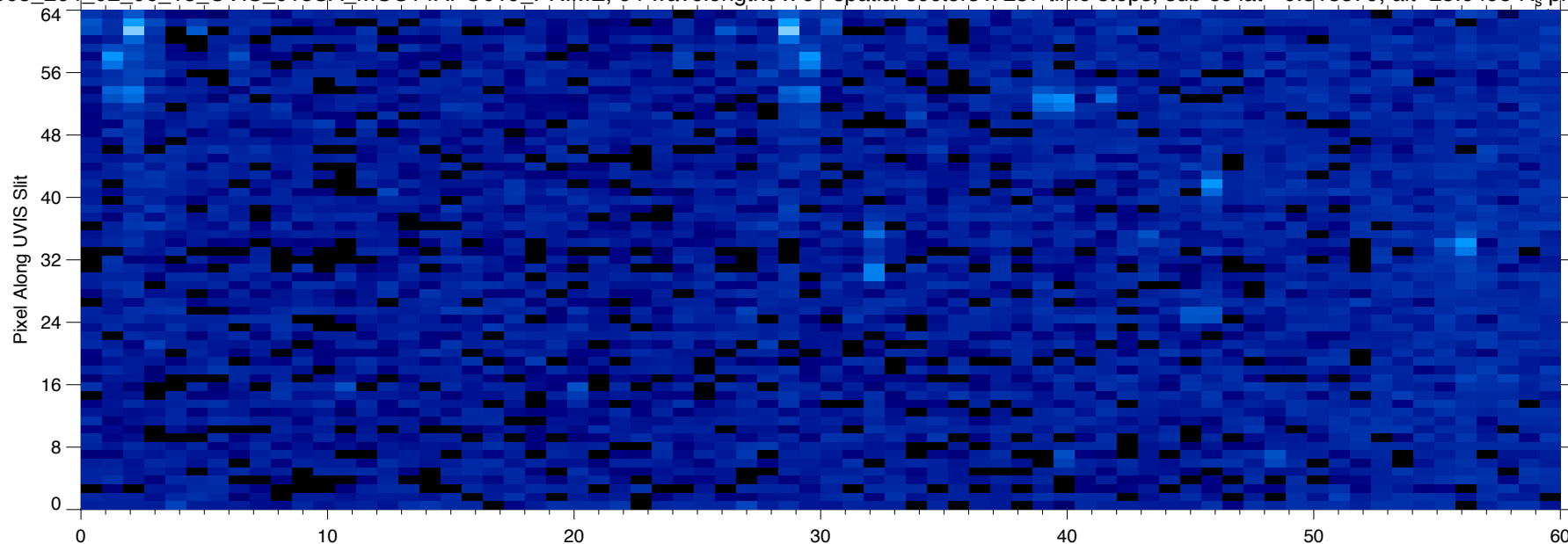
Minutes past 2005 SEP 21 03:05:21.874 (Time steps here are 51.000000 s each)

FUV2005_264_02_06_15_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.313579, alt=25.6498 R_s, phase=51.4047

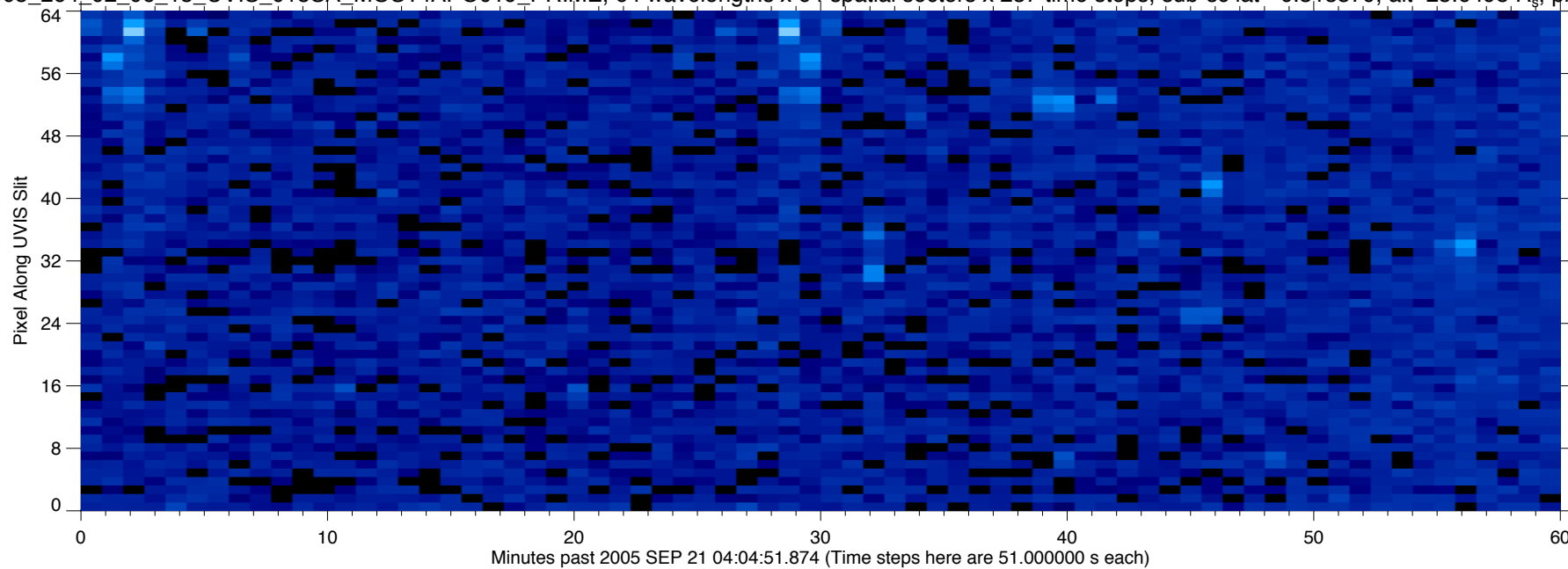


Minutes past 2005 SEP 21 03:05:21.874 (Time steps here are 51.000000 s each)

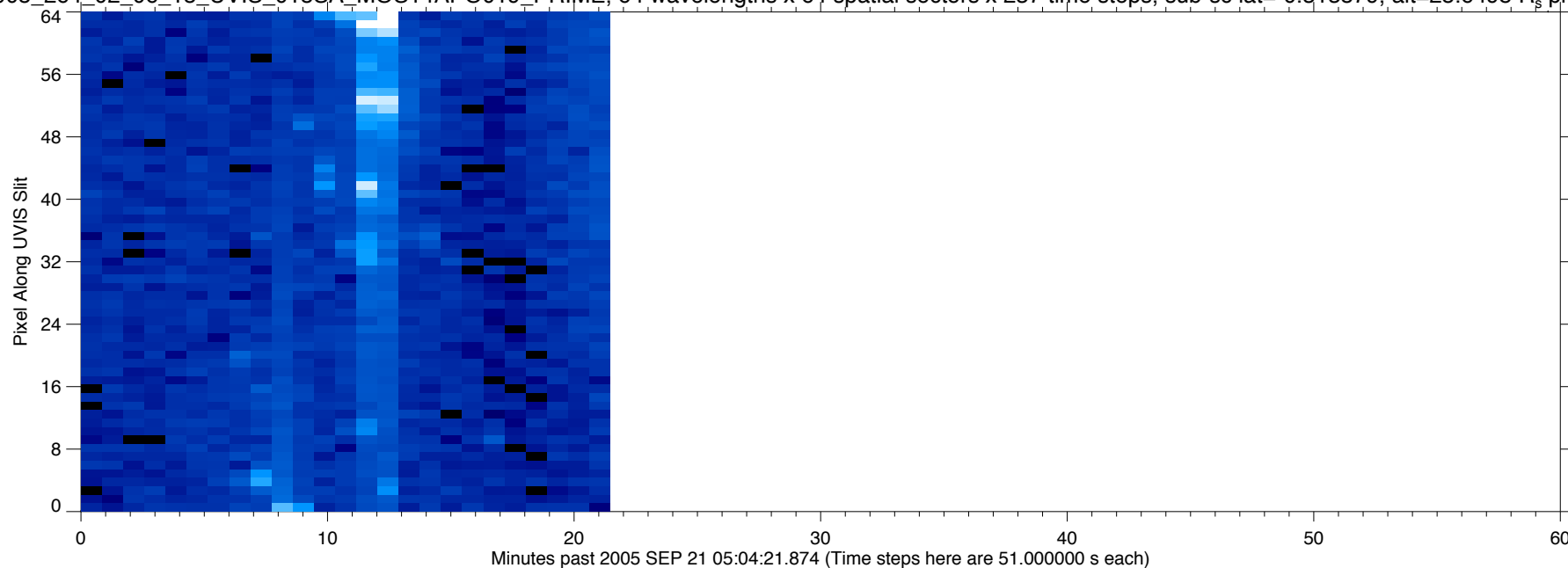
FUV2005_264_02_06_15_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.313579, alt=25.6498 R_s, phase=51.4047



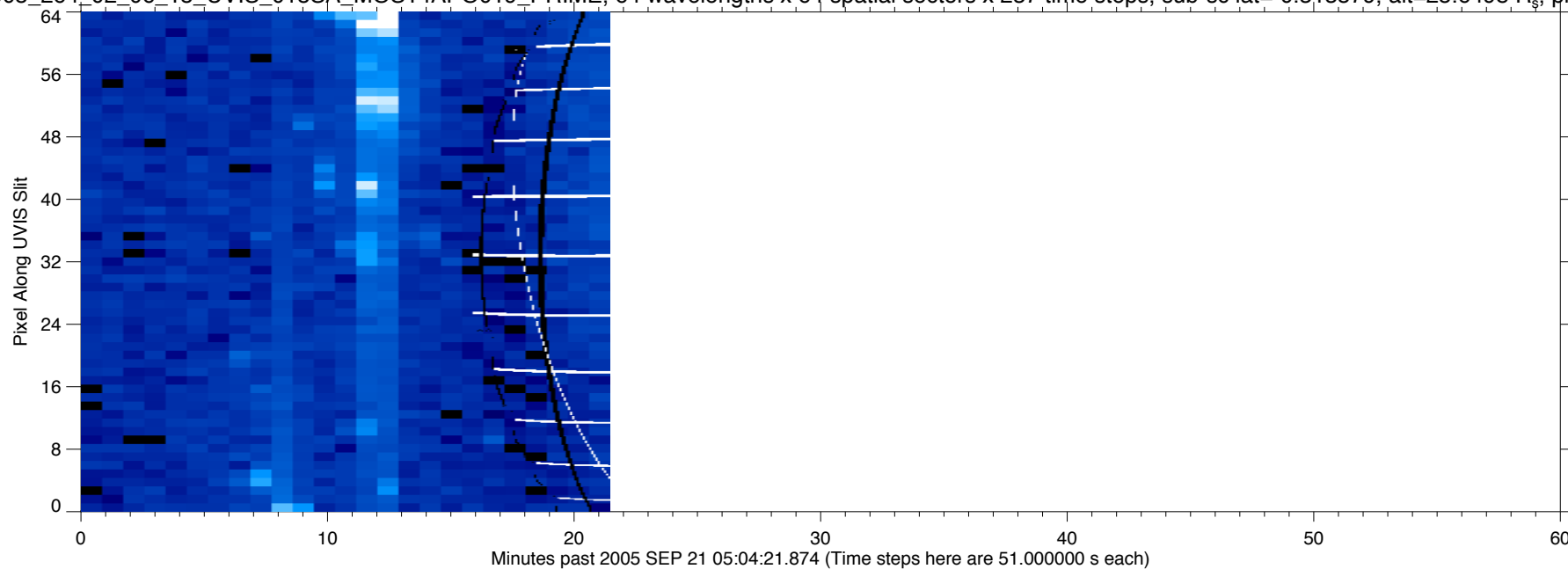
FUV2005_264_02_06_15_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.313579, alt=25.6498 R_s, phase=51.4047



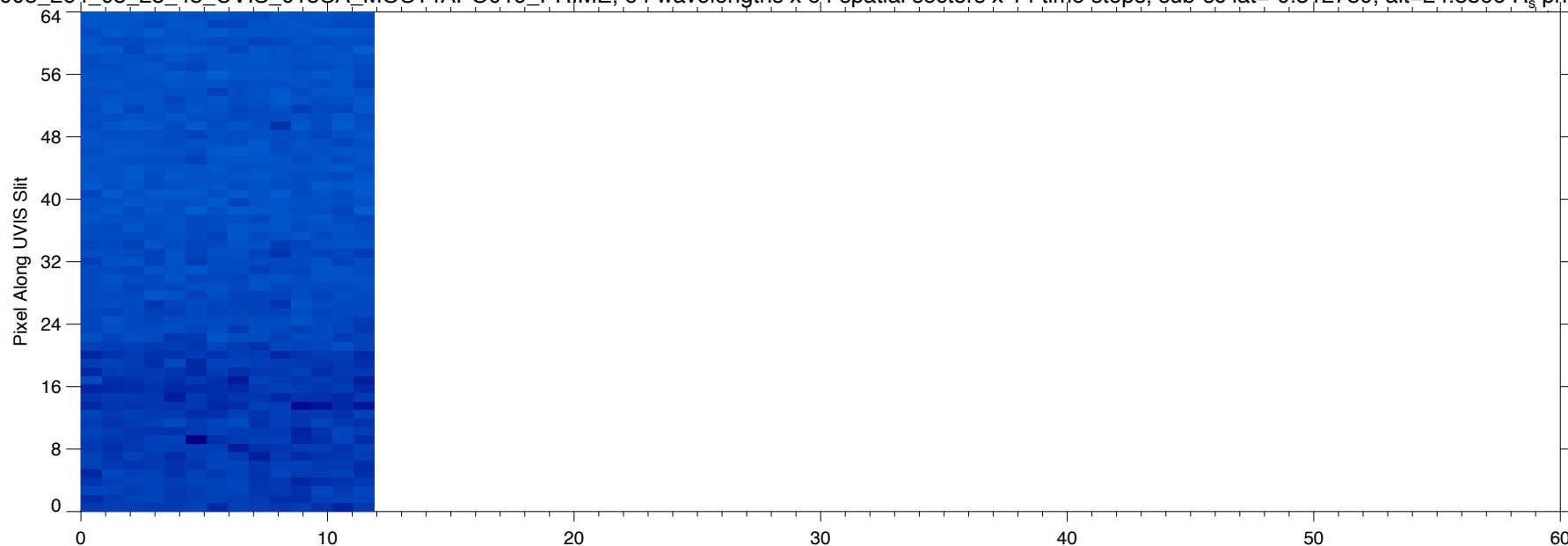
FUV2005_264_02_06_15_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.313579, alt=25.6498 R_s, phase=51.4047



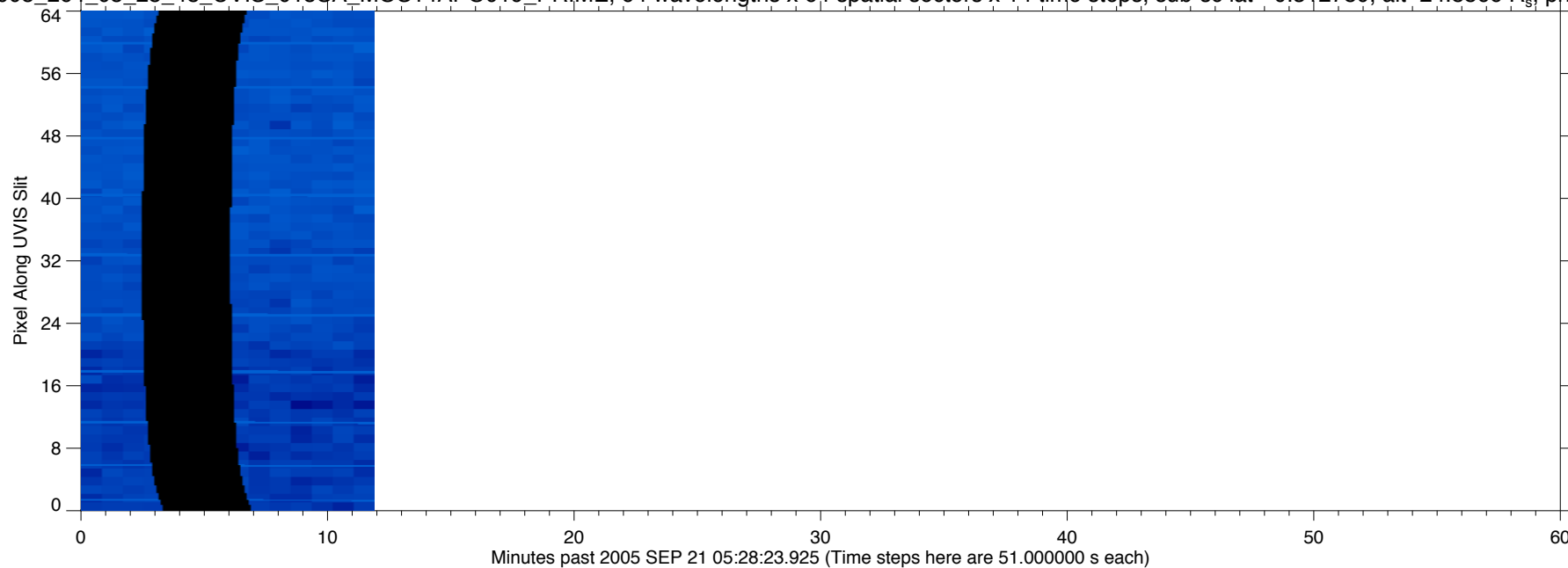
FUV2005_264_02_06_15_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 237 time steps, sub-sc lat=-0.313579, alt=25.6498 R_s, phase=51.4047



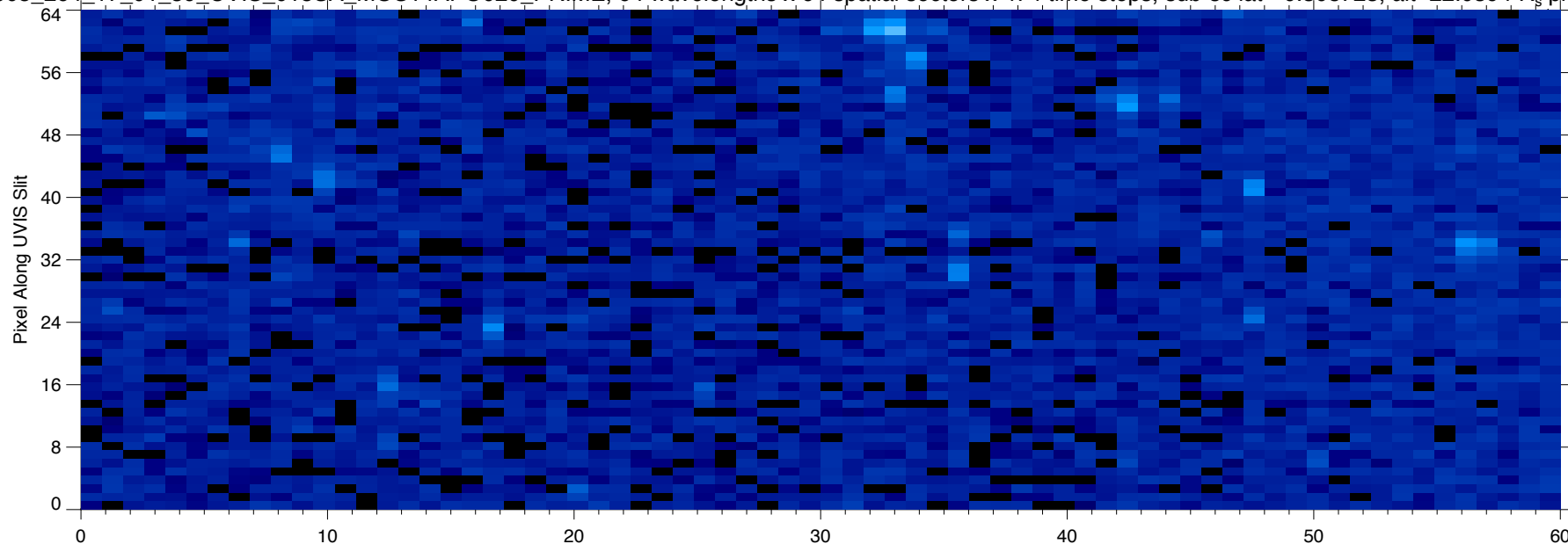
FUV2005_264_05_28_48_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 14 time steps, sub-sc lat=-0.312780, alt=24.8866 R_s phase=50.5210



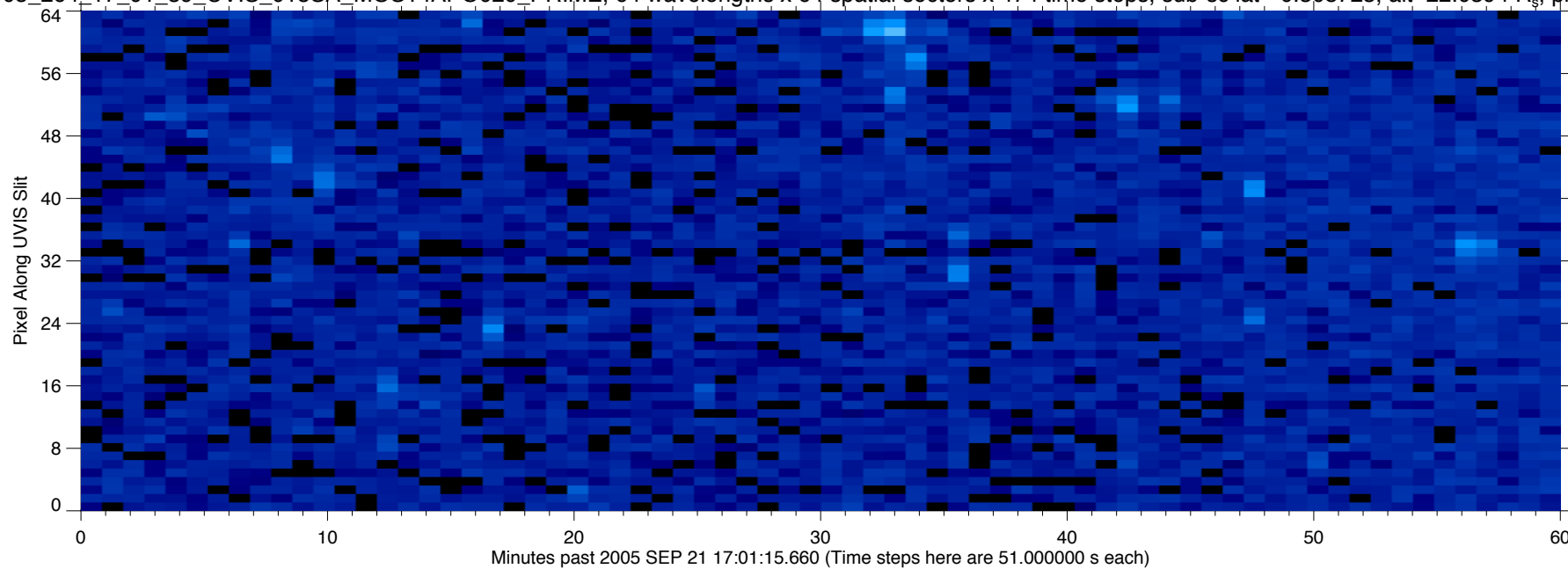
FUV2005_264_05_28_48_UVIS_015SA_MOS14APO019_PRIME, 64 wavelengths x 64 spatial sectors x 14 time steps, sub-sc lat=-0.312780, alt=24.8866 R_s phase=50.5210



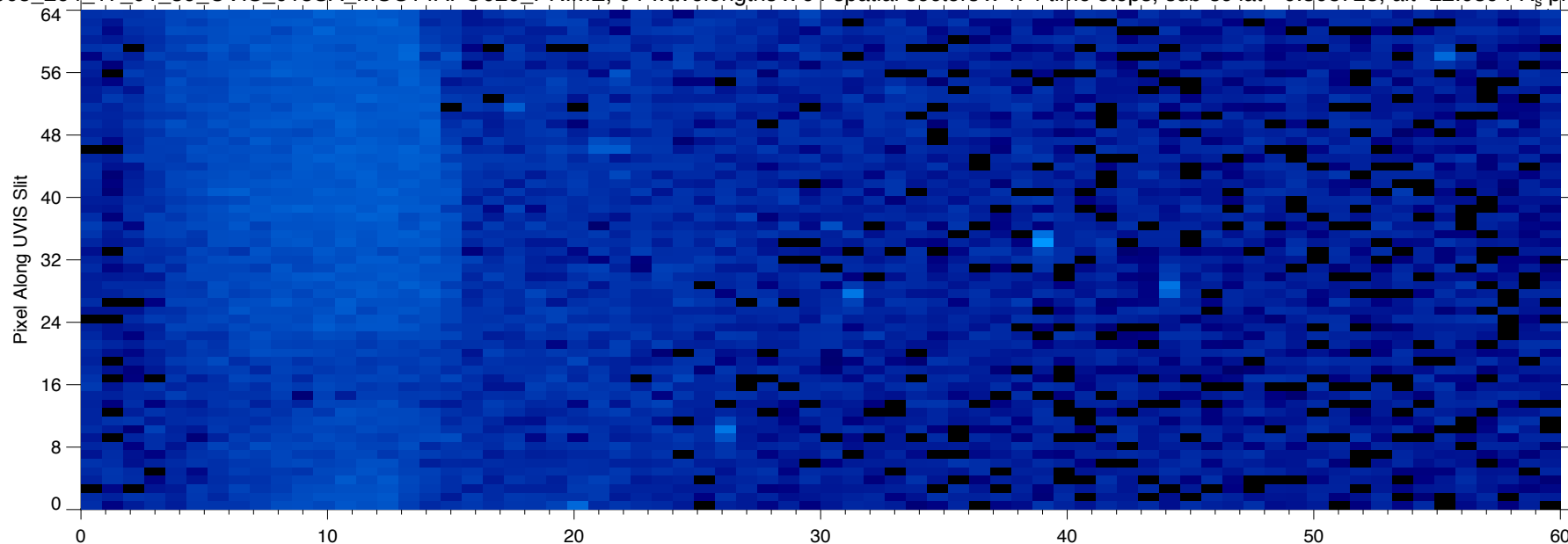
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



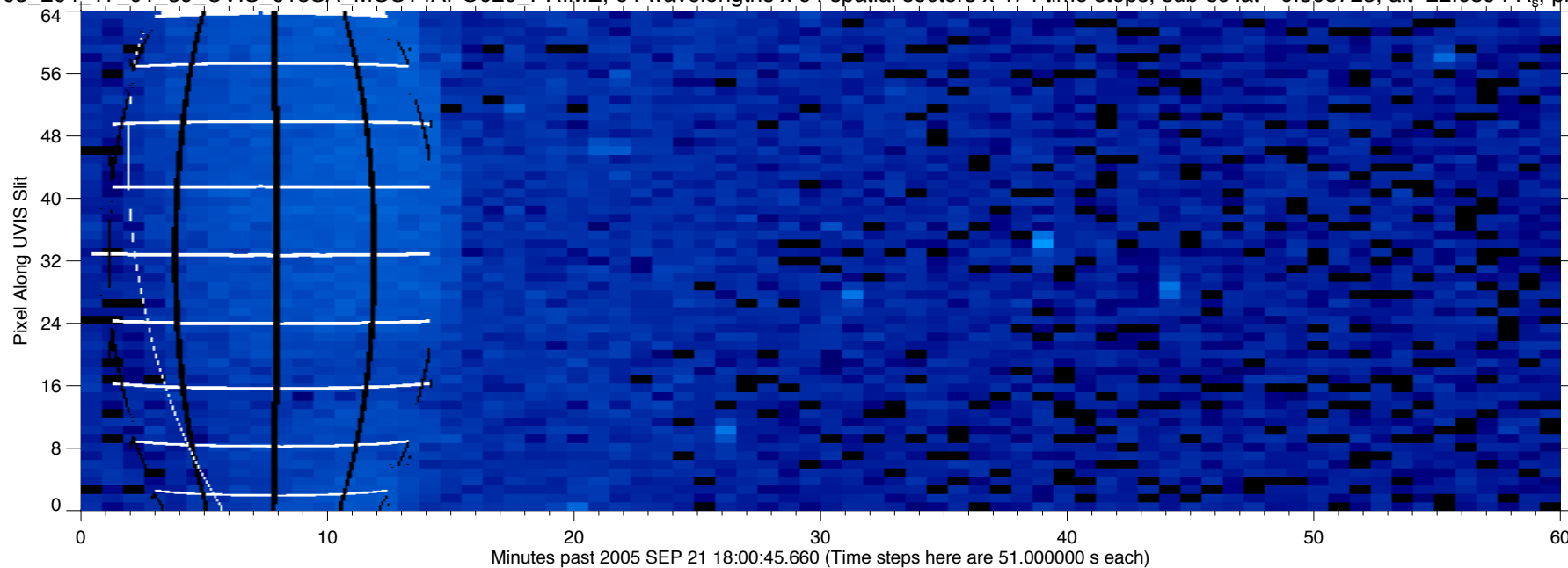
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



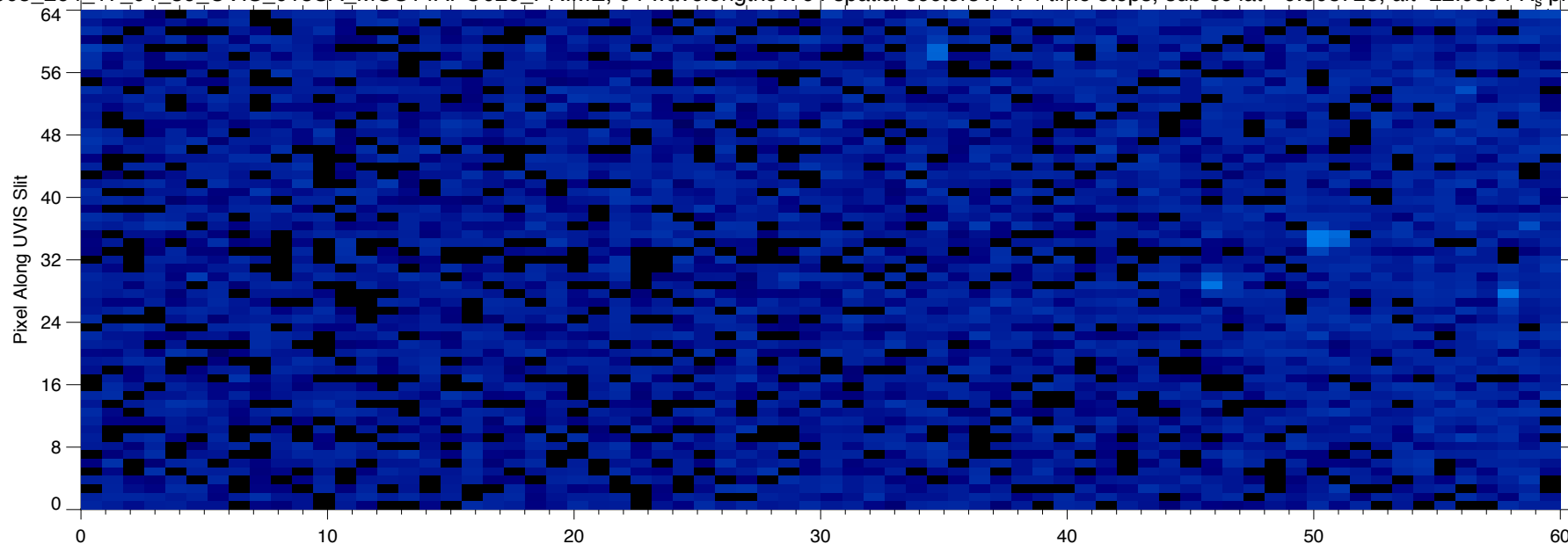
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s phase=47.0588



FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s phase=47.0588

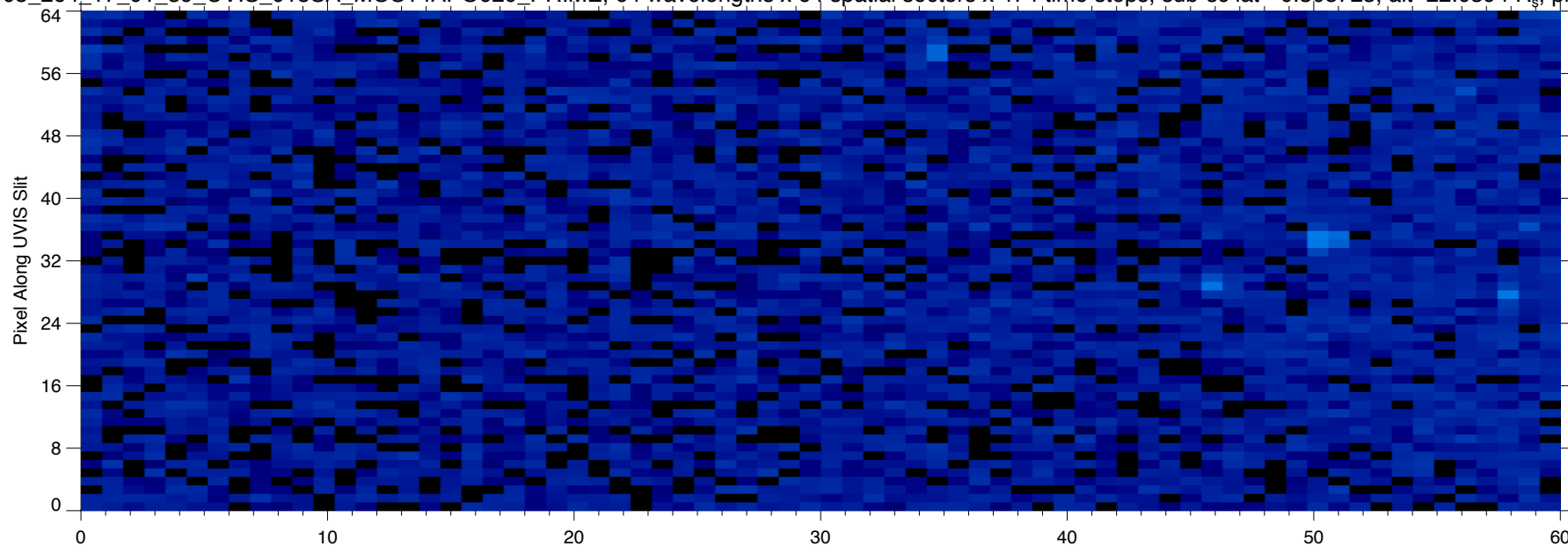


FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



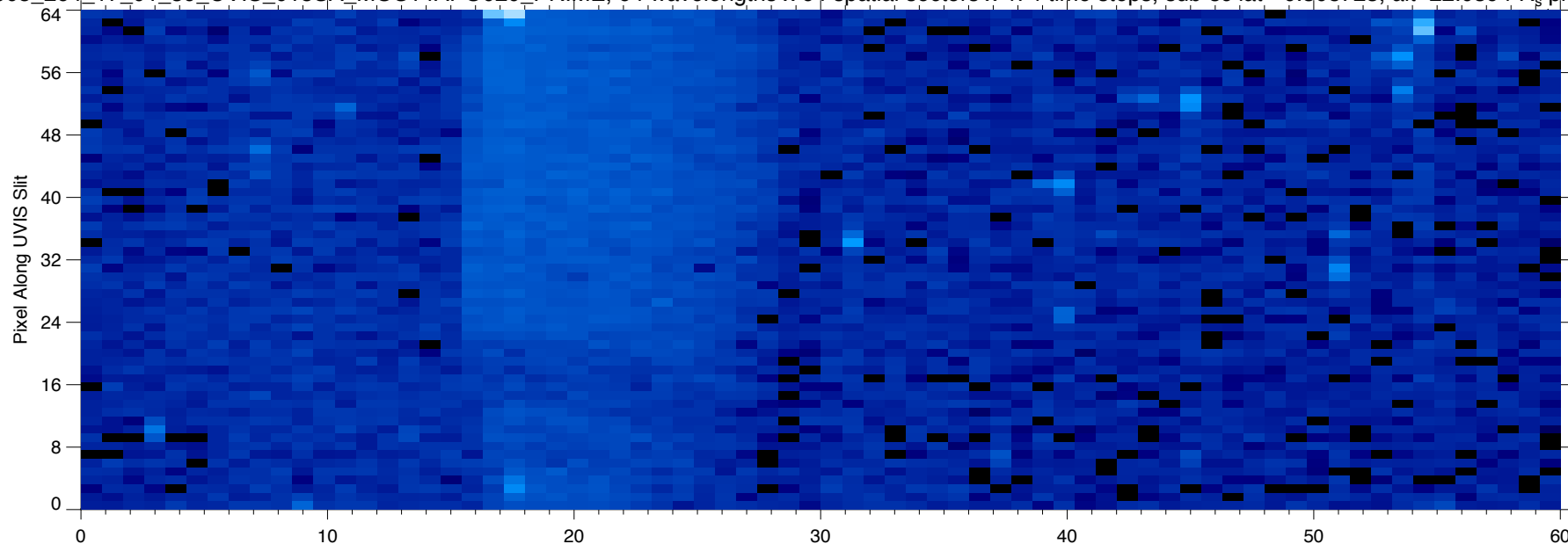
Minutes past 2005 SEP 21 19:00:15.660 (Time steps here are 51.000000 s each)

FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588

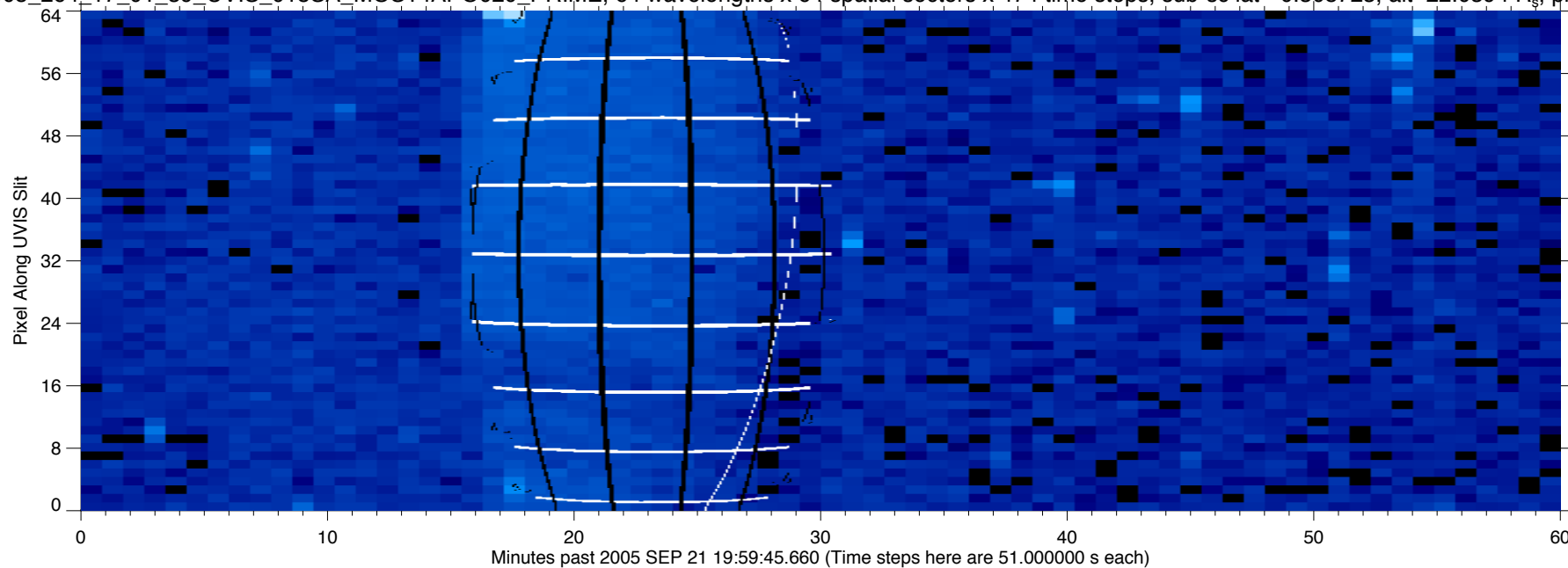


Minutes past 2005 SEP 21 19:00:15.660 (Time steps here are 51.000000 s each)

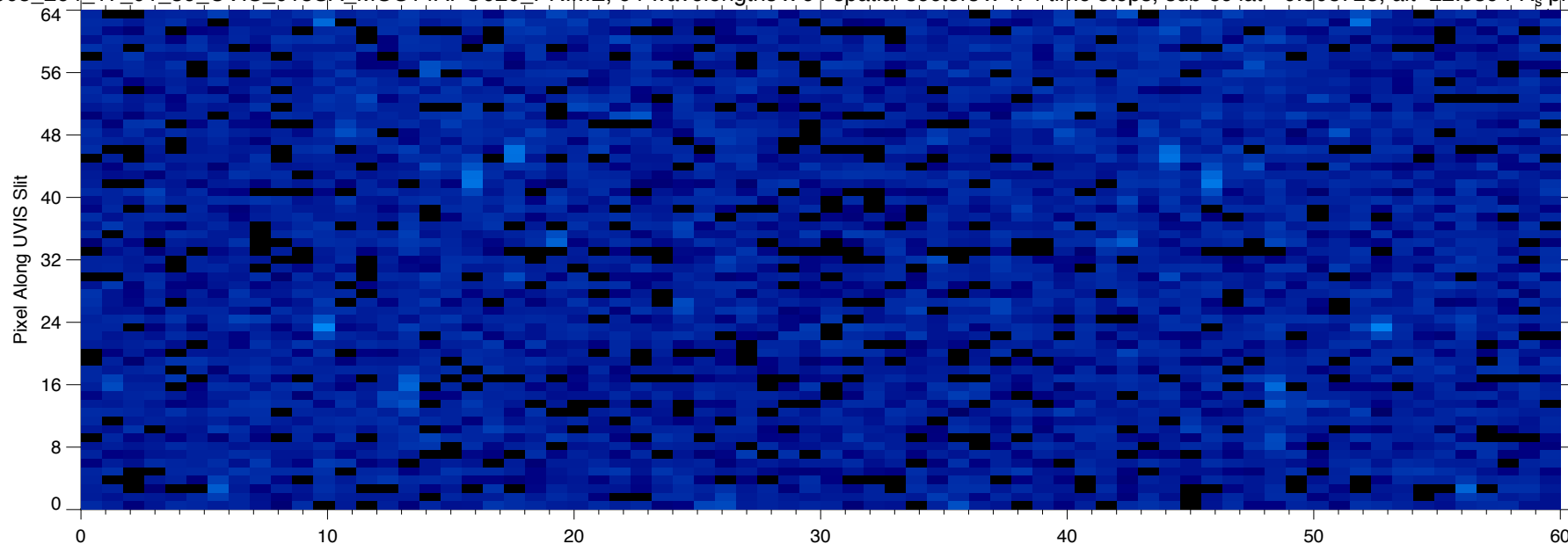
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



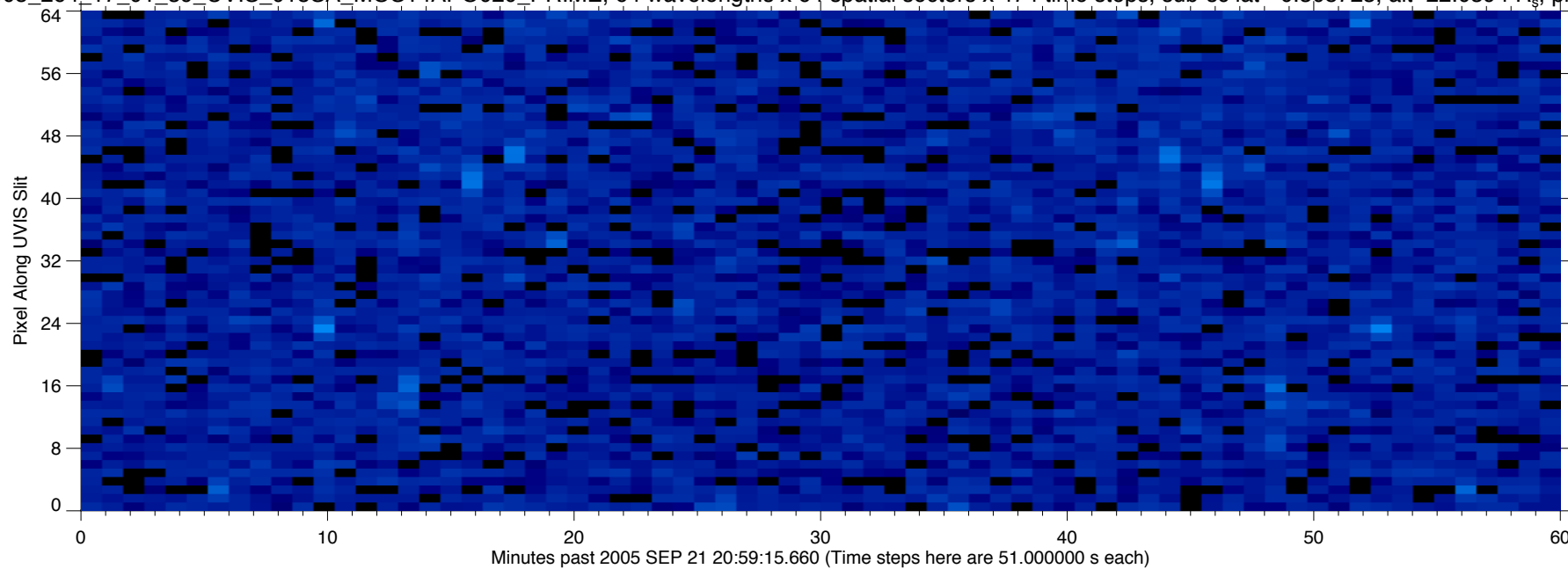
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



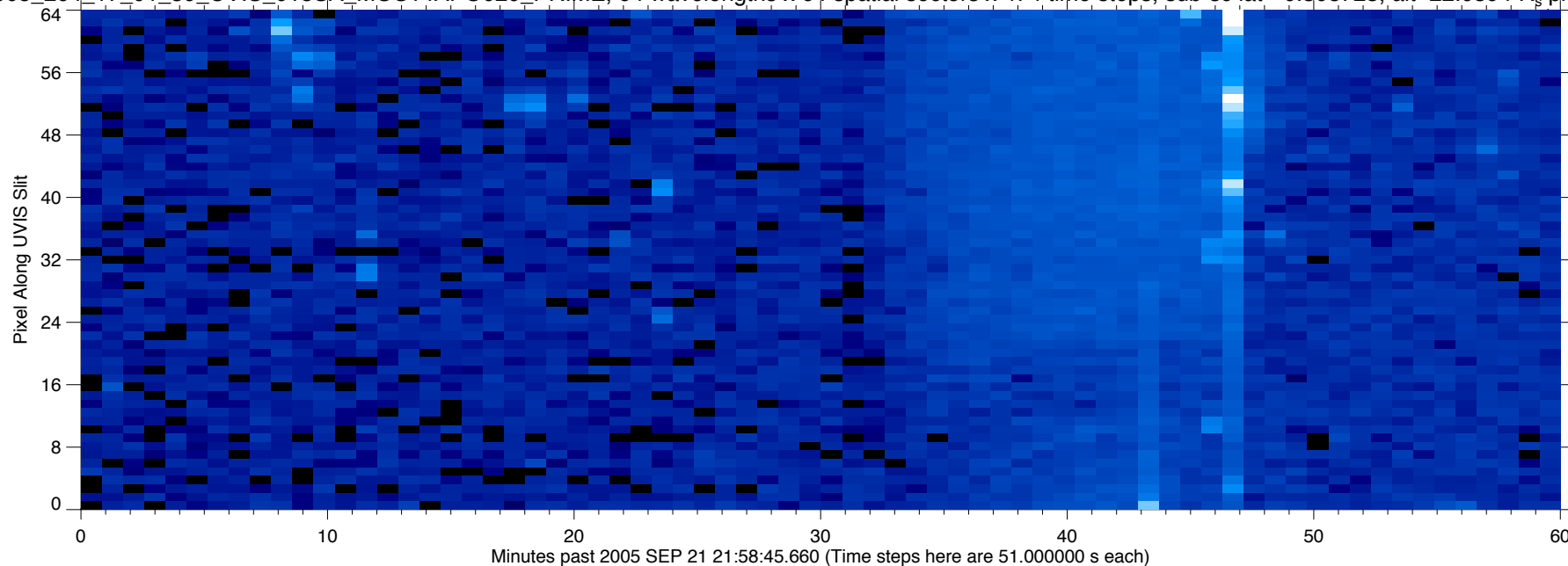
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



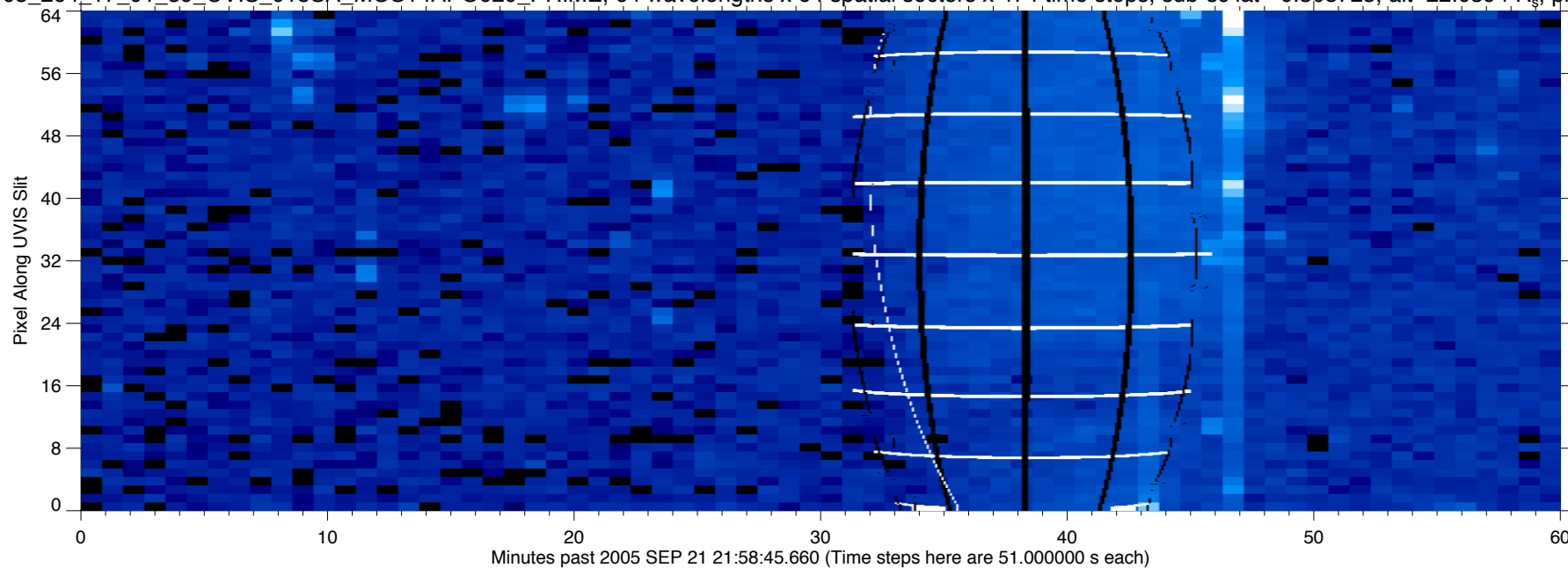
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



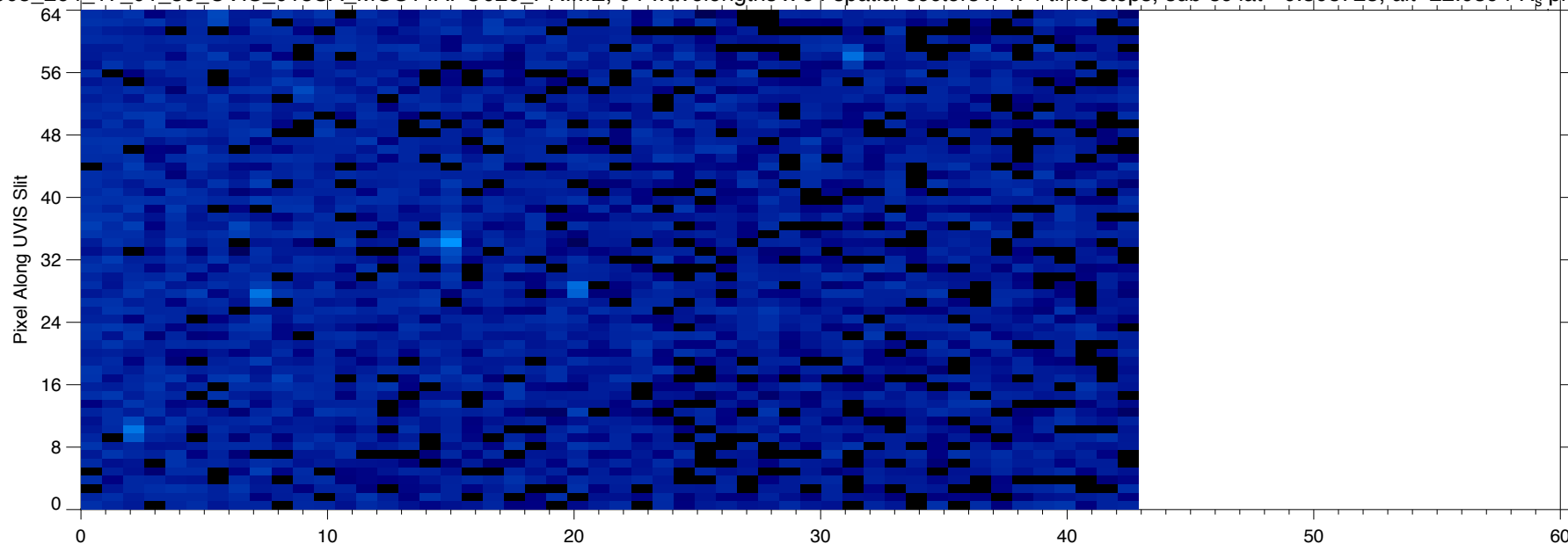
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



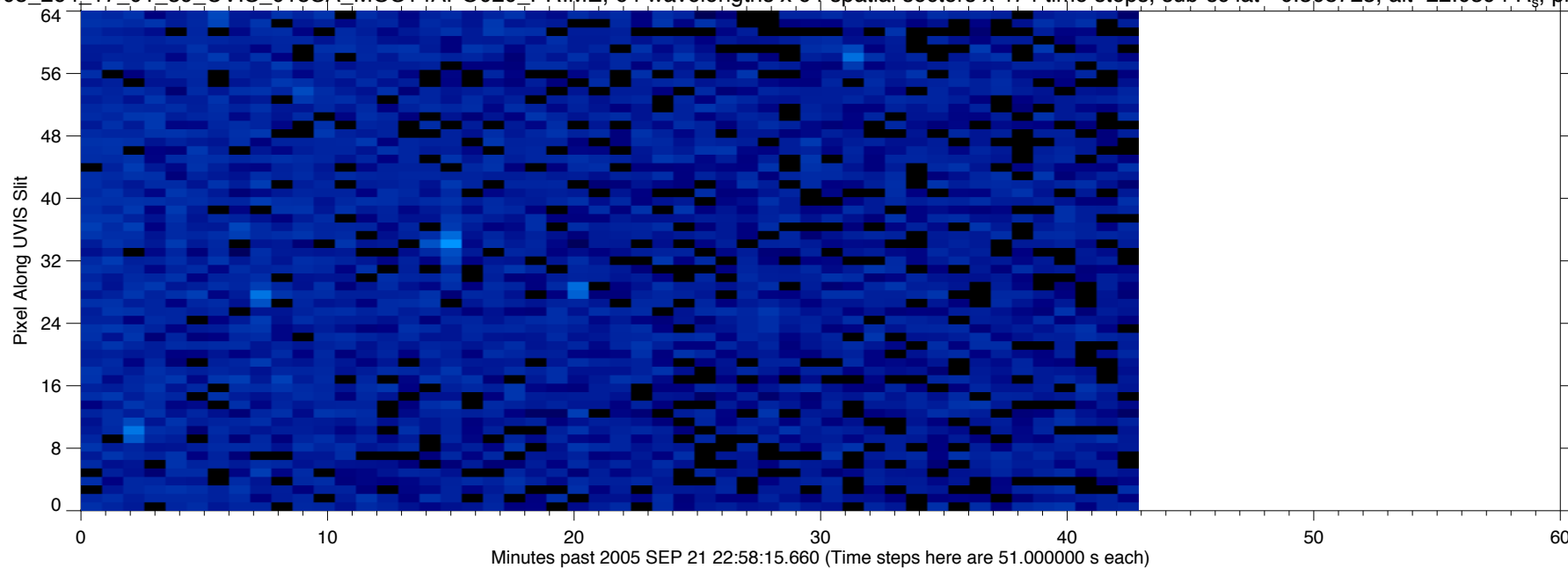
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s, phase=47.0588



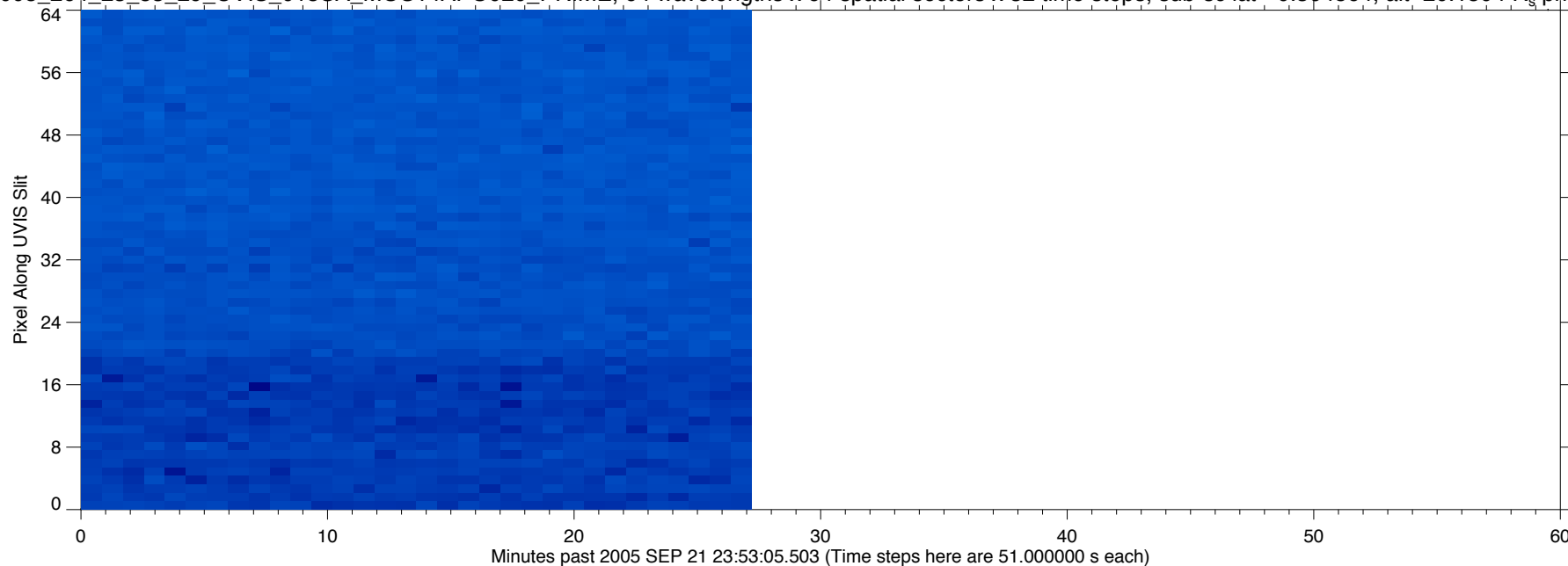
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s phase=47.0588



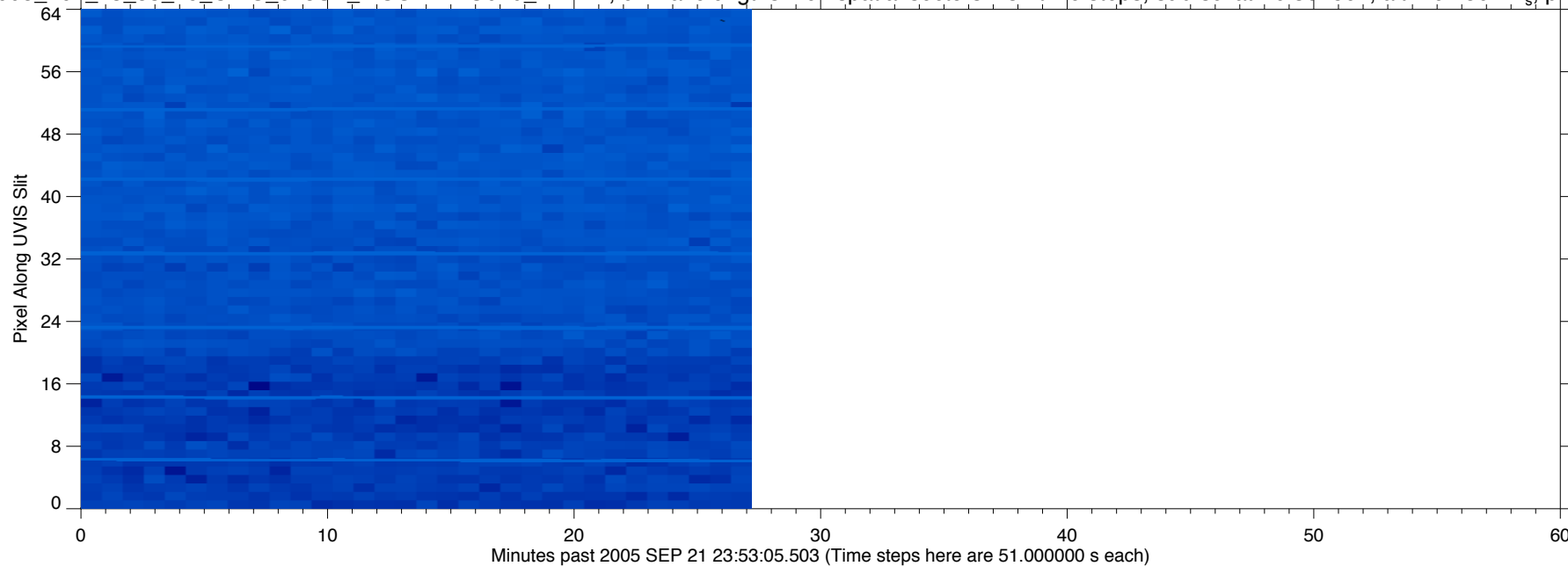
FUV2005_264_17_01_39_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 474 time steps, sub-sc lat=-0.308723, alt=22.0394 R_s phase=47.0588



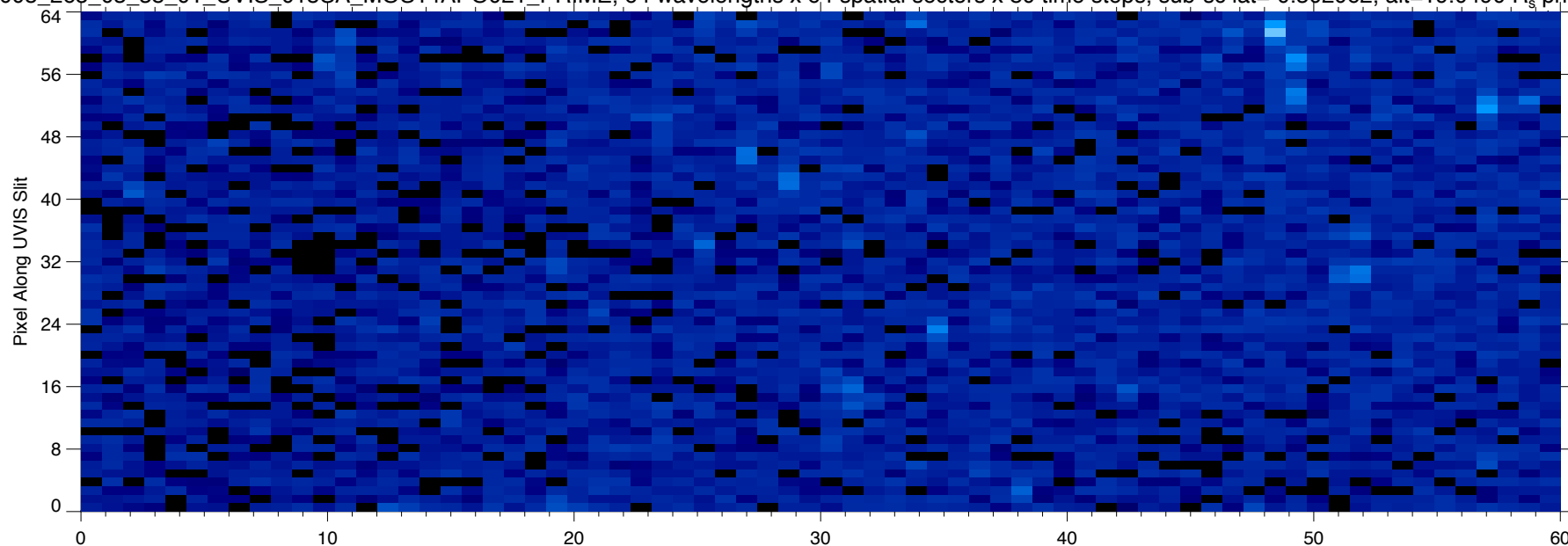
FUV2005_264_23_53_29_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 32 time steps, sub-sc lat=-0.304864, alt=20.1504 R_s phase=44.5683



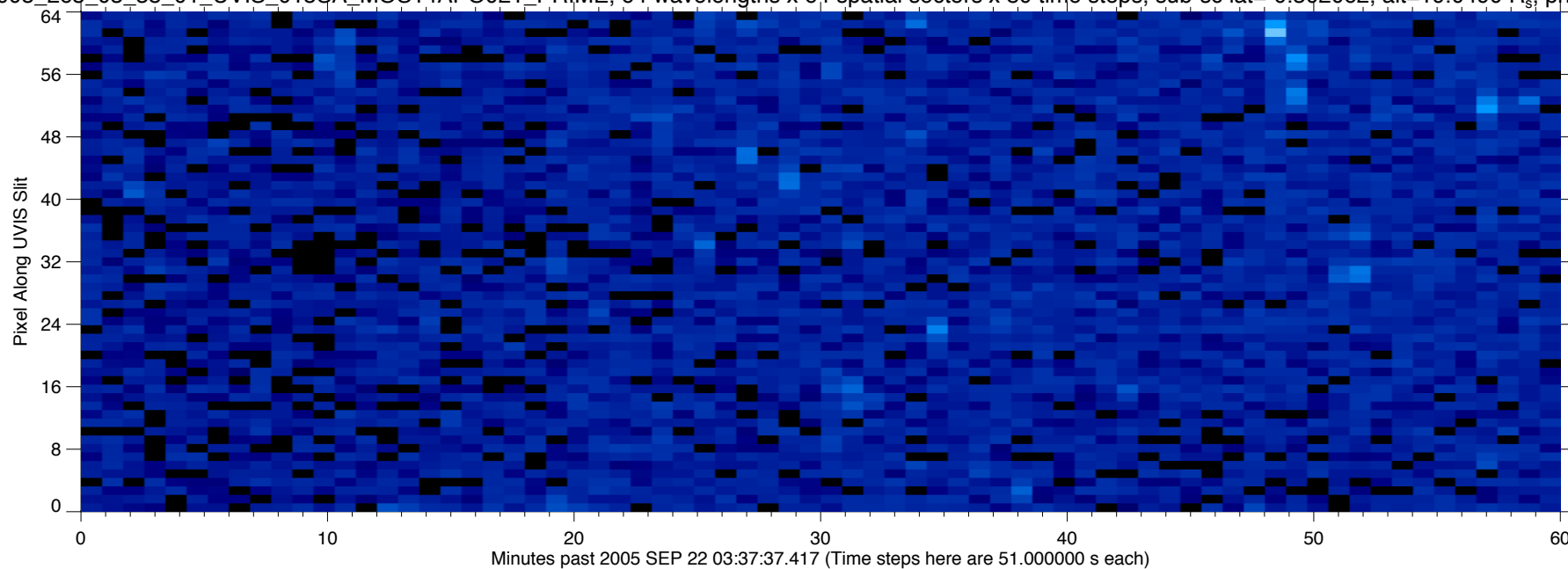
FUV2005_264_23_53_29_UVIS_015SA_MOS14APO020_PRIME, 64 wavelengths x 64 spatial sectors x 32 time steps, sub-sc lat=-0.304864, alt=20.1504 R_s phase=44.5683



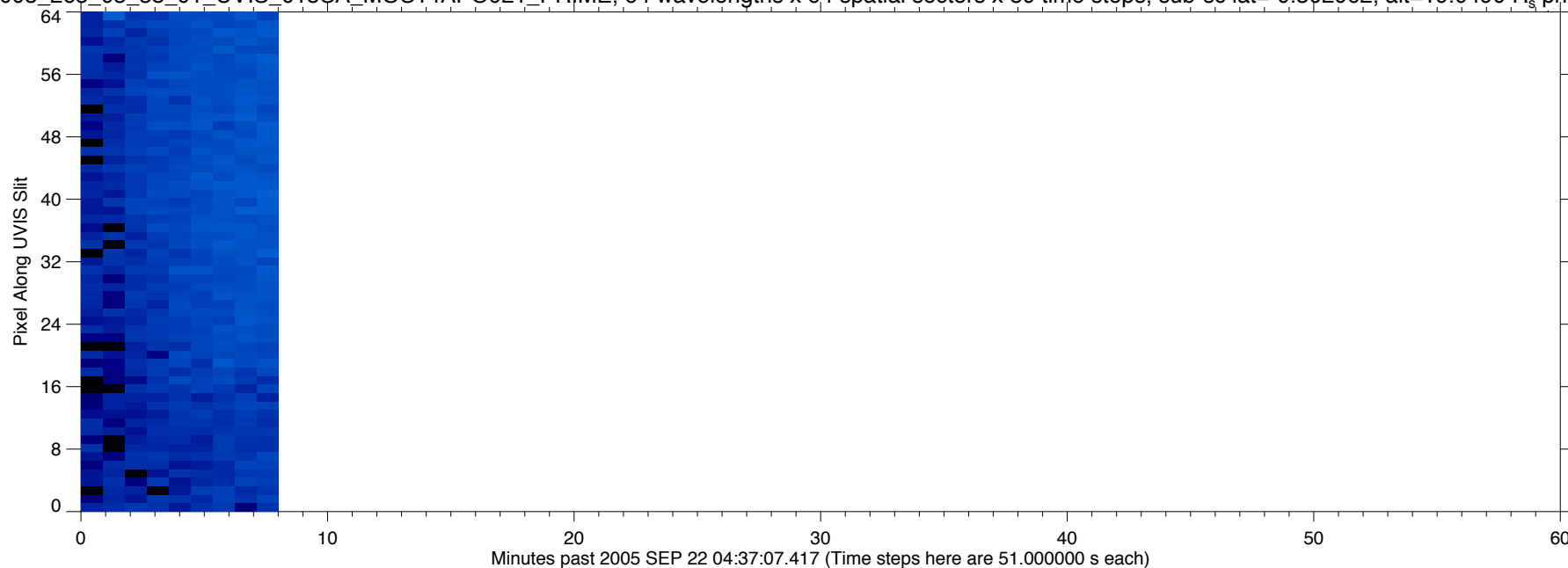
FUV2005_265_03_38_01_UVIS_015SA_MOS14APO021_PRIME, 64 wavelengths x 64 spatial sectors x 80 time steps, sub-sc lat=-0.302062, alt=19.0490 R_s phase=43.0234



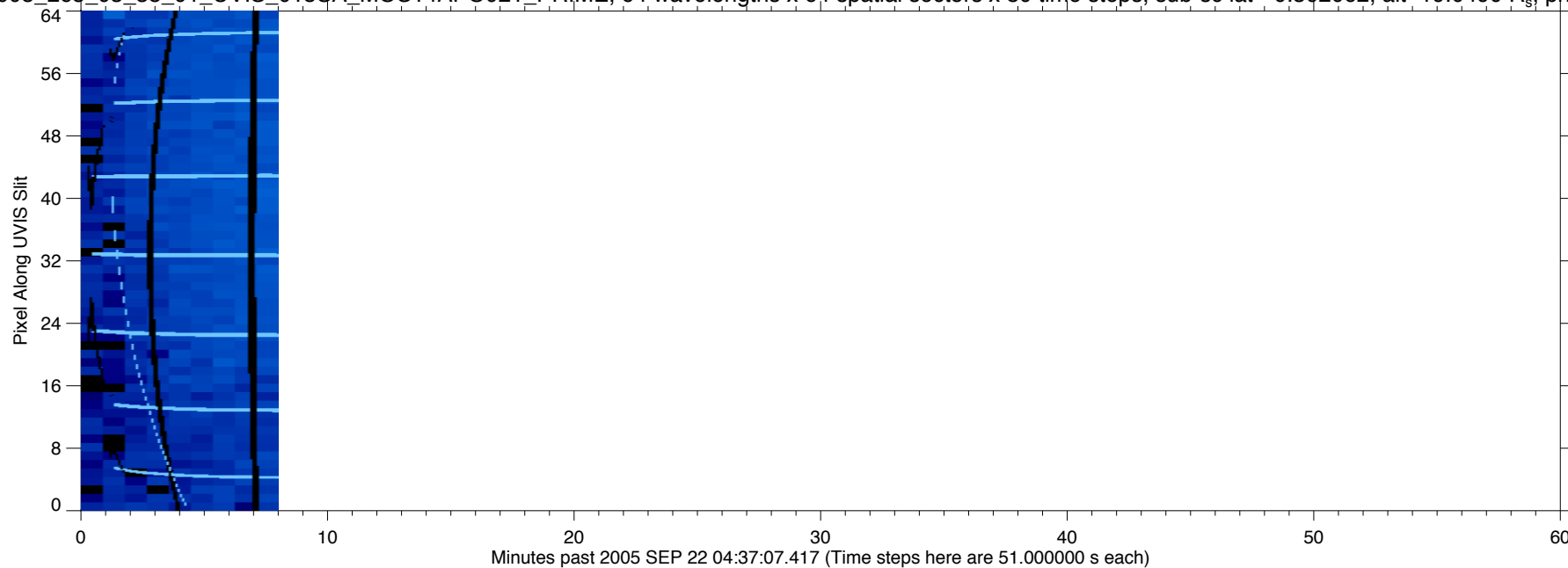
FUV2005_265_03_38_01_UVIS_015SA_MOS14APO021_PRIME, 64 wavelengths x 64 spatial sectors x 80 time steps, sub-sc lat=-0.302062, alt=19.0490 R_s phase=43.0234



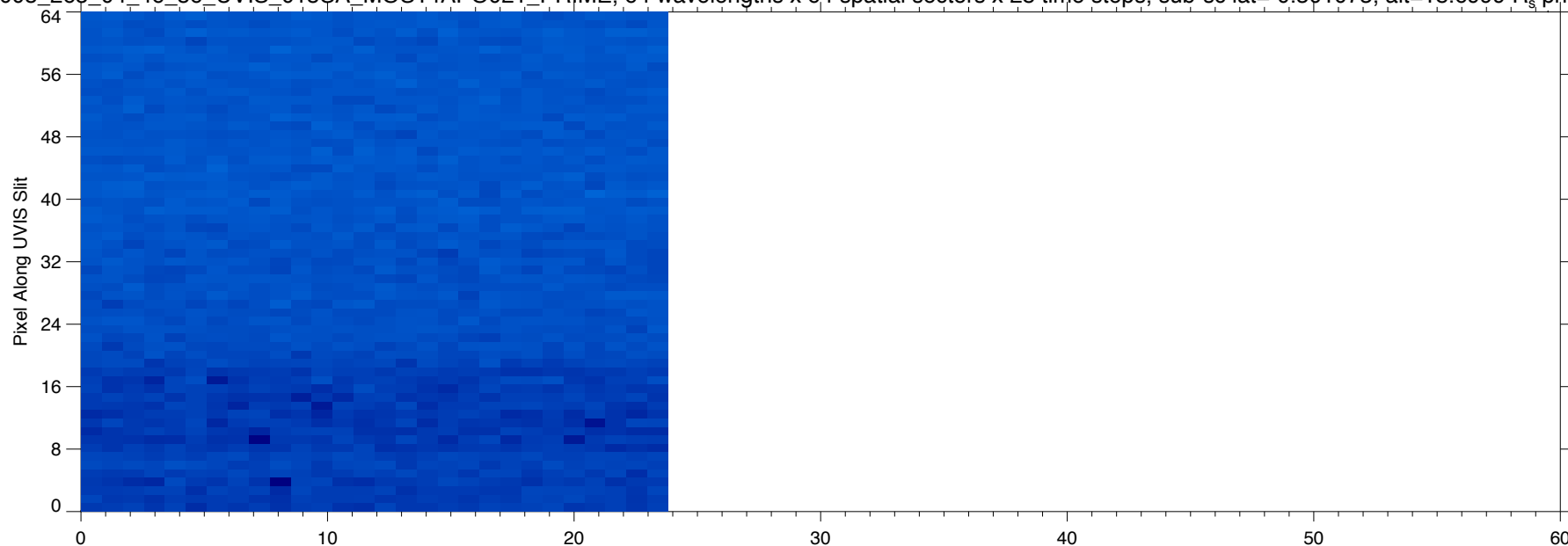
FUV2005_265_03_38_01_UVIS_015SA_MOS14APO021_PRIME, 64 wavelengths x 64 spatial sectors x 80 time steps, sub-sc lat=-0.302062, alt=19.0490 R_s phase=43.0234



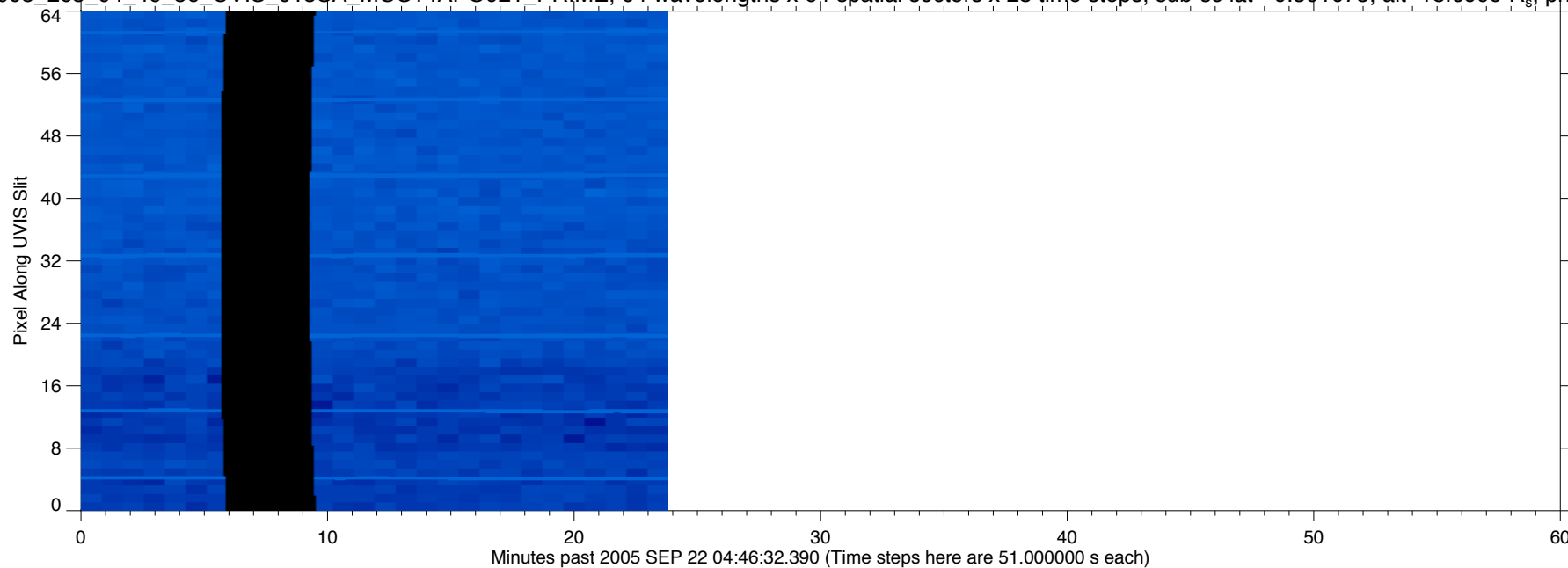
FUV2005_265_03_38_01_UVIS_015SA_MOS14APO021_PRIME, 64 wavelengths x 64 spatial sectors x 80 time steps, sub-sc lat=-0.302062, alt=19.0490 R_s phase=43.0234



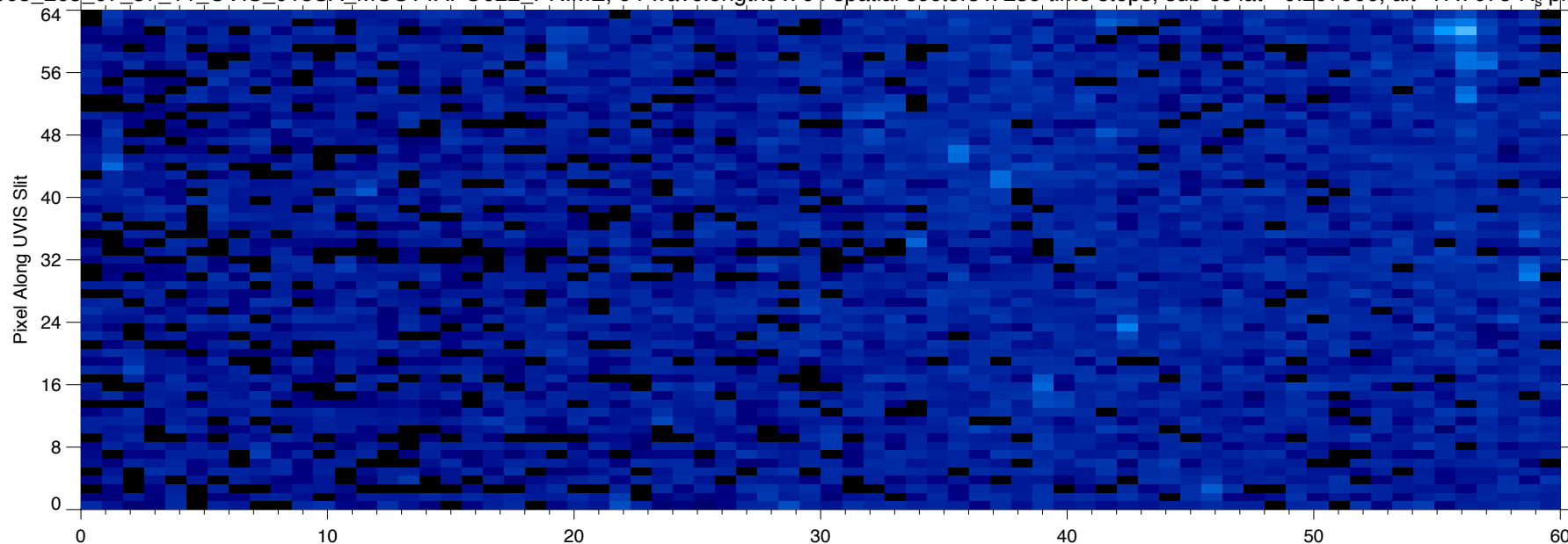
FUV2005_265_04_46_56_UVIS_015SA_MOS14APO021_PRIME, 64 wavelengths x 64 spatial sectors x 28 time steps, sub-sc lat=-0.301073, alt=18.6999 R_s phase=42.5172



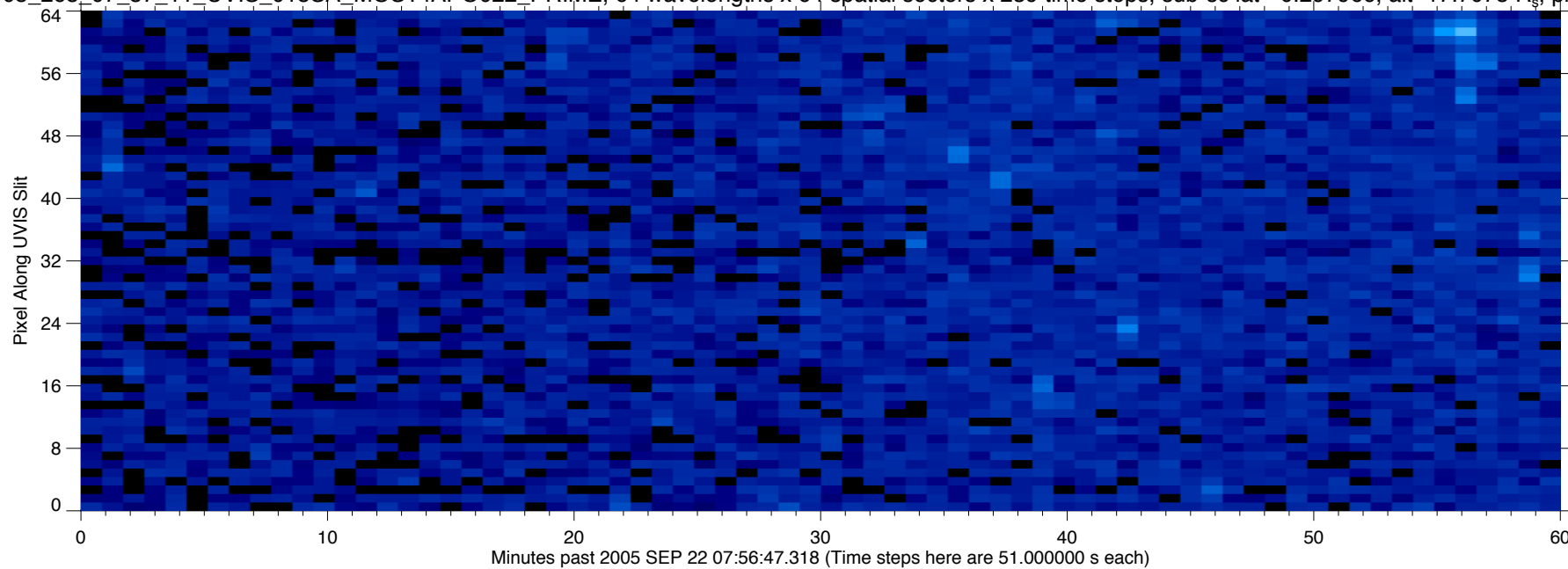
FUV2005_265_04_46_56_UVIS_015SA_MOS14APO021_PRIME, 64 wavelengths x 64 spatial sectors x 28 time steps, sub-sc lat=-0.301073, alt=18.6999 R_s phase=42.5172



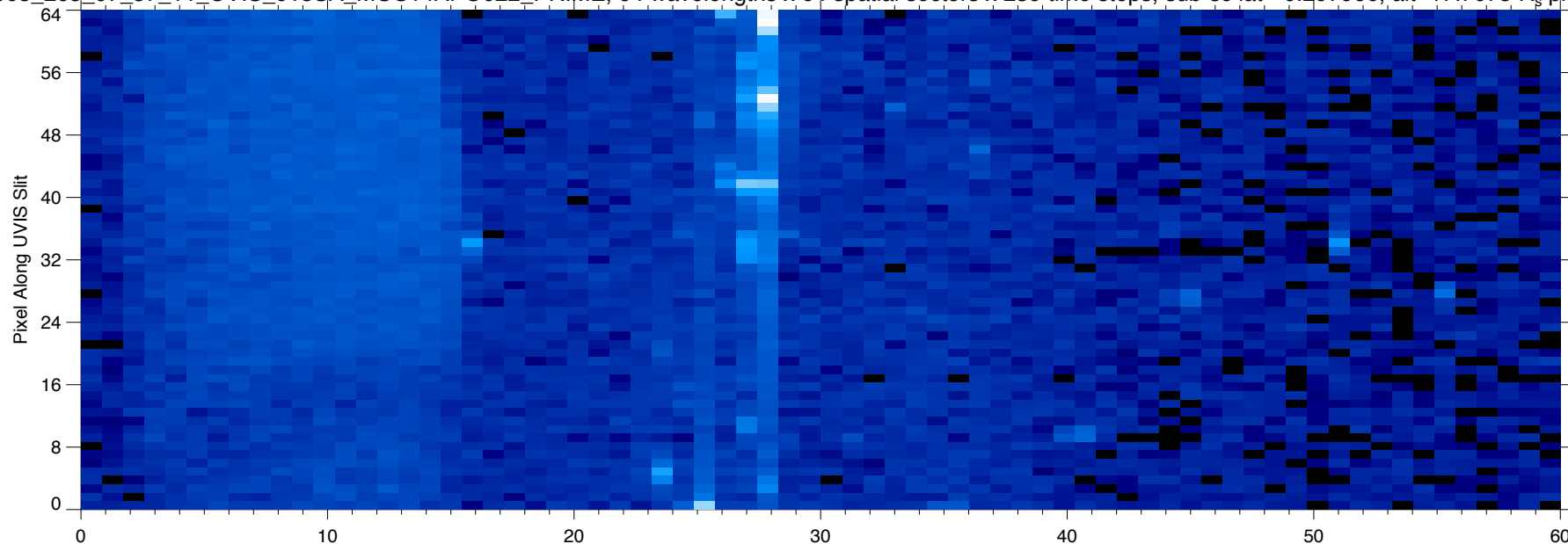
FUV2005_265_07_57_11_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 239 time steps, sub-sc lat=-0.297966, alt=17.7075 R_s, phase=41.0301



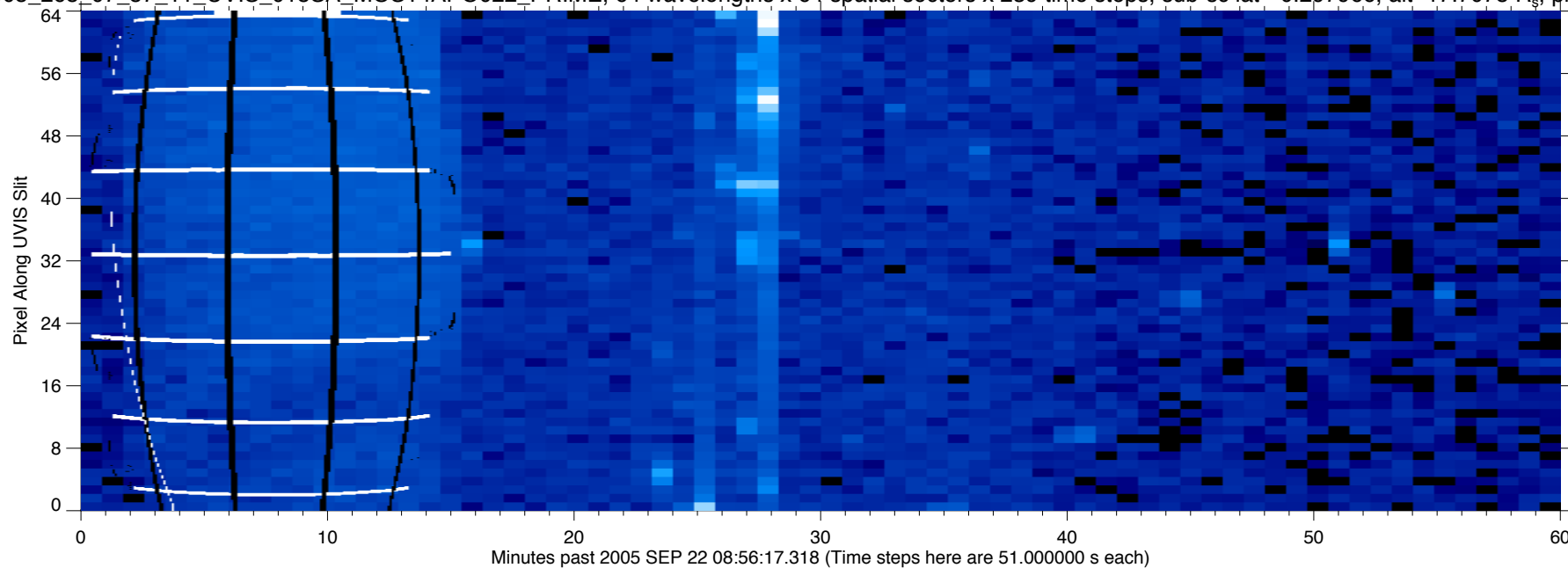
FUV2005_265_07_57_11_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 239 time steps, sub-sc lat=-0.297966, alt=17.7075 R_s, phase=41.0301



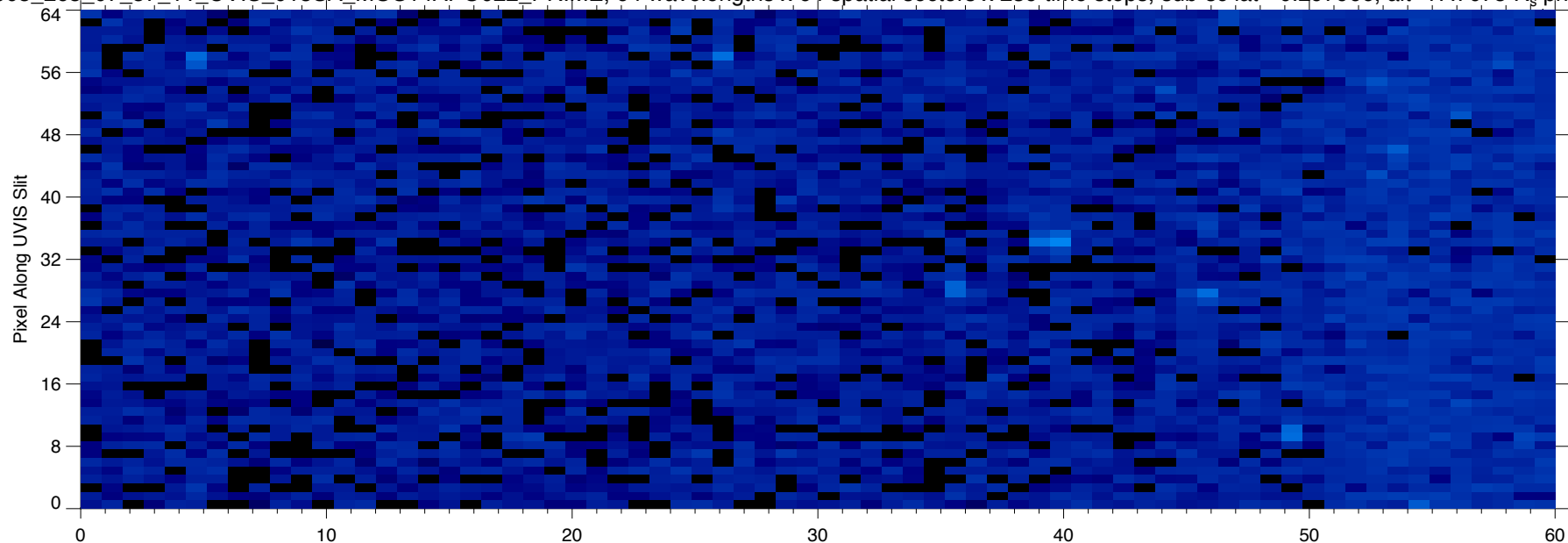
FUV2005_265_07_57_11_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 239 time steps, sub-sc lat=-0.297966, alt=17.7075 R_s, phase=41.0301



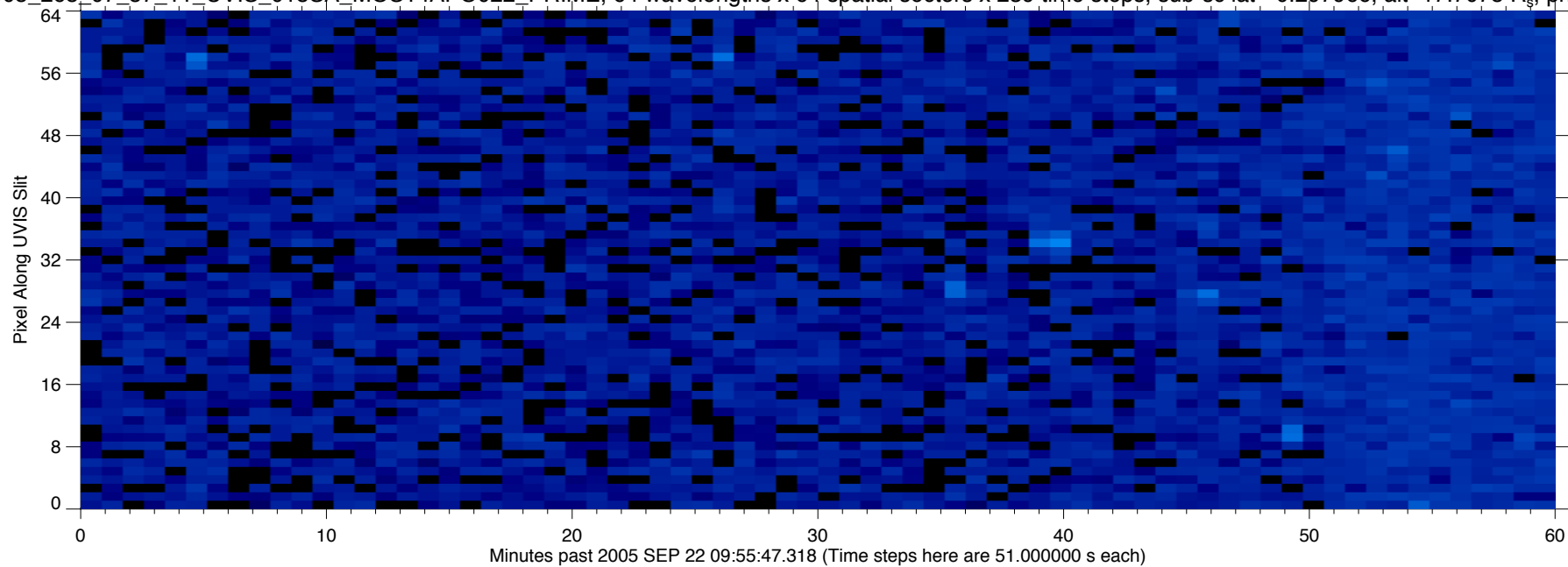
FUV2005_265_07_57_11_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 239 time steps, sub-sc lat=-0.297966, alt=17.7075 R_s, phase=41.0301



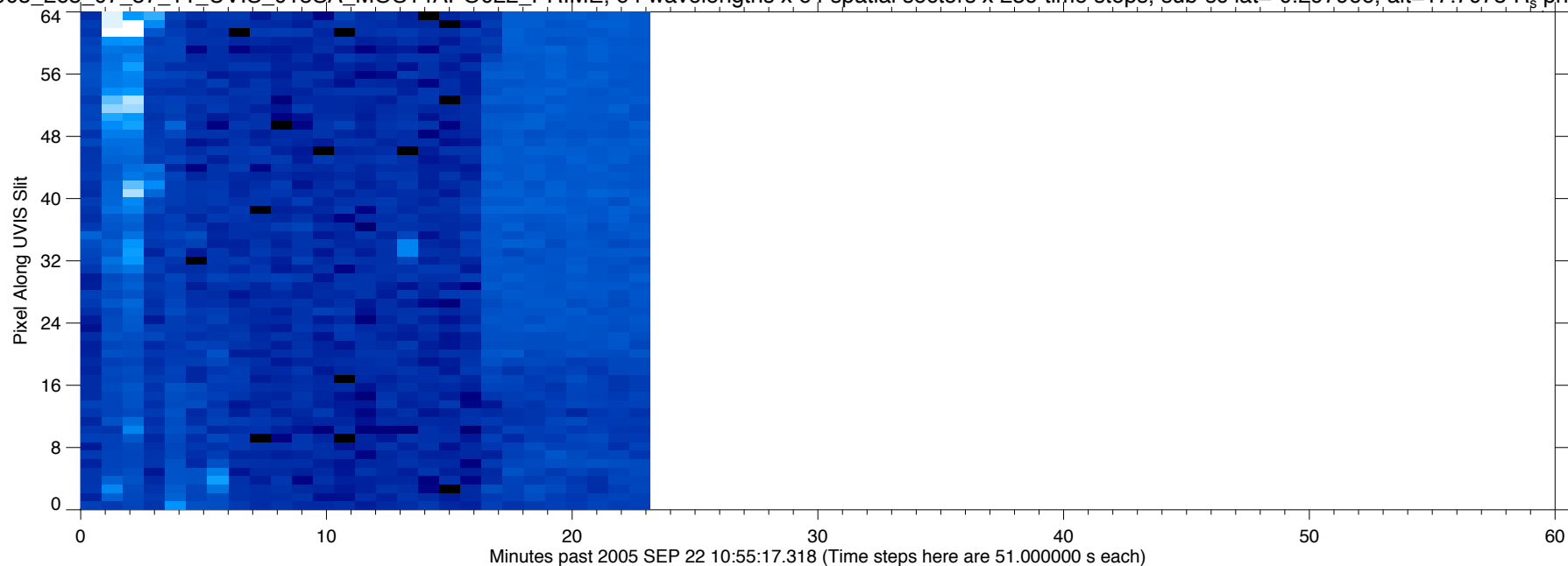
FUV2005_265_07_57_11_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 239 time steps, sub-sc lat=-0.297966, alt=17.7075 R_s, phase=41.0301



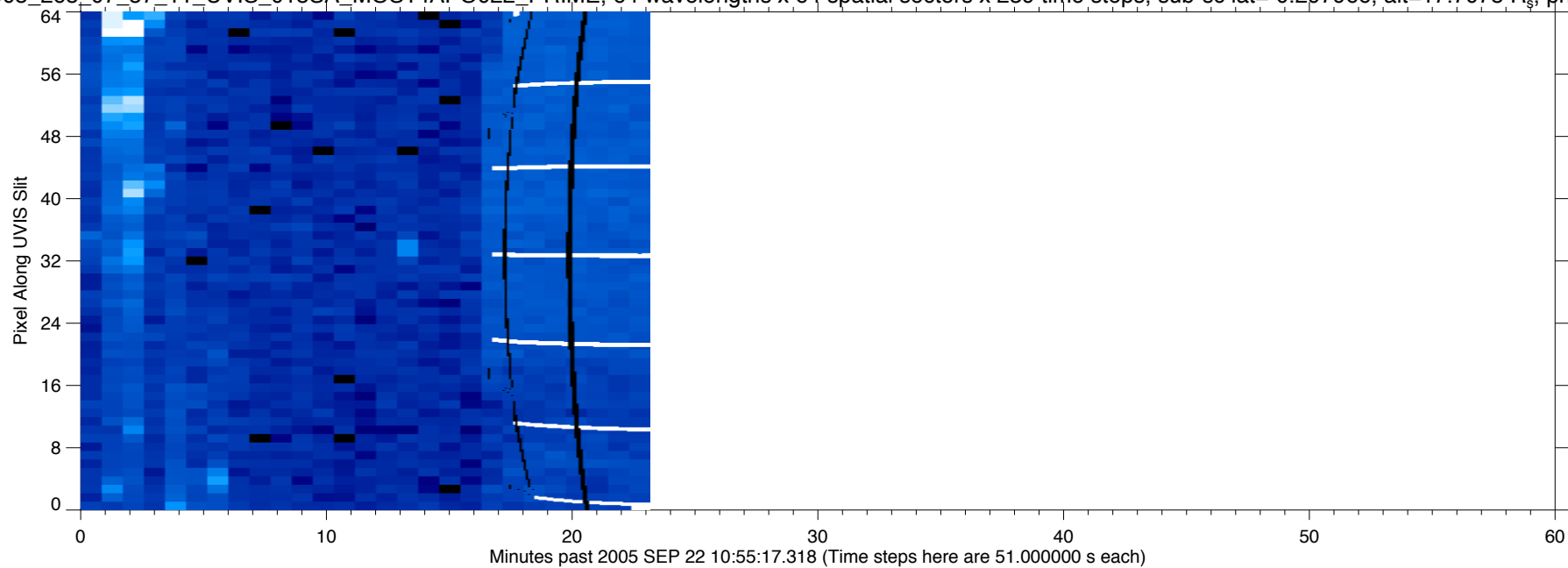
FUV2005_265_07_57_11_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 239 time steps, sub-sc lat=-0.297966, alt=17.7075 R_s, phase=41.0301



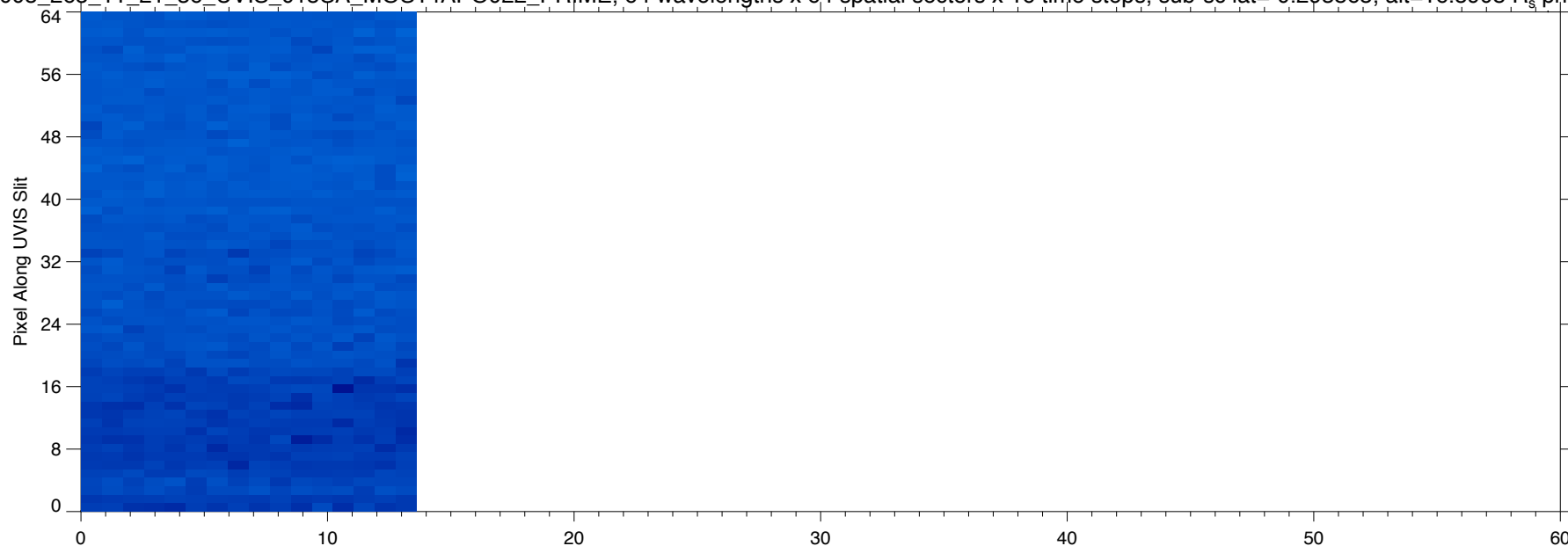
FUV2005_265_07_57_11_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 239 time steps, sub-sc lat=-0.297966, alt=17.7075 R_s, phase=41.0301



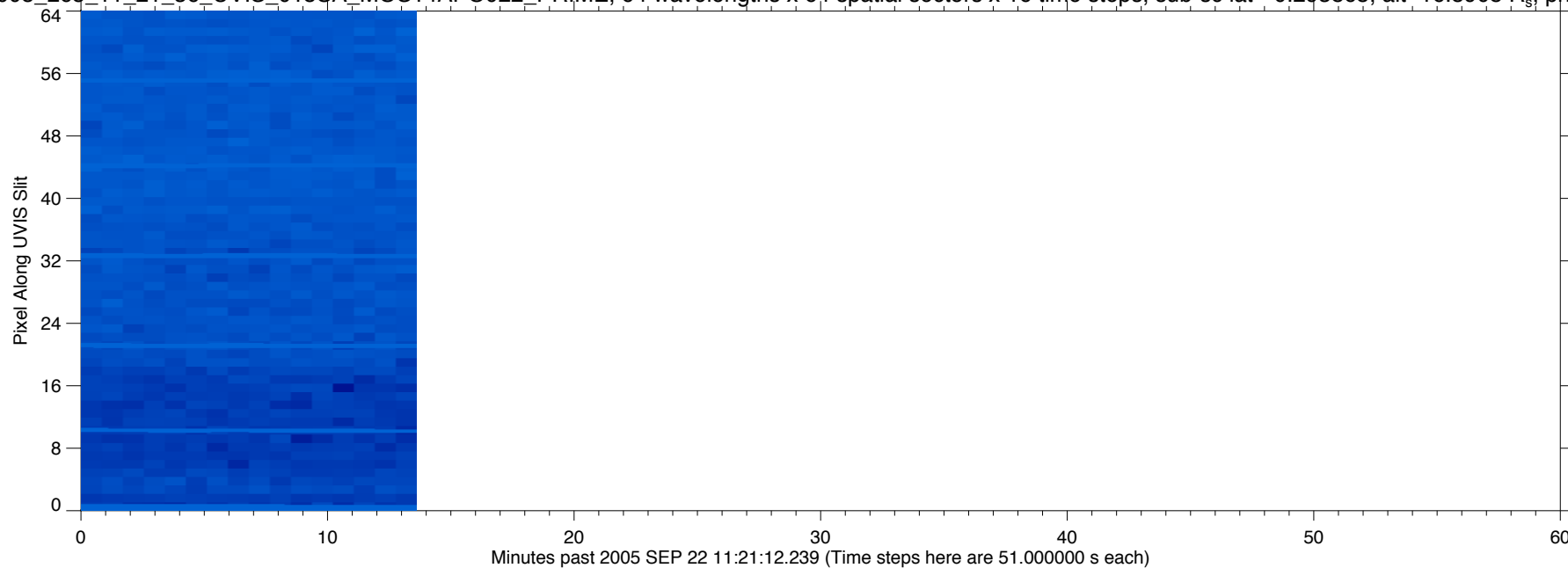
FUV2005_265_07_57_11_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 239 time steps, sub-sc lat=-0.297966, alt=17.7075 R_s, phase=41.0301



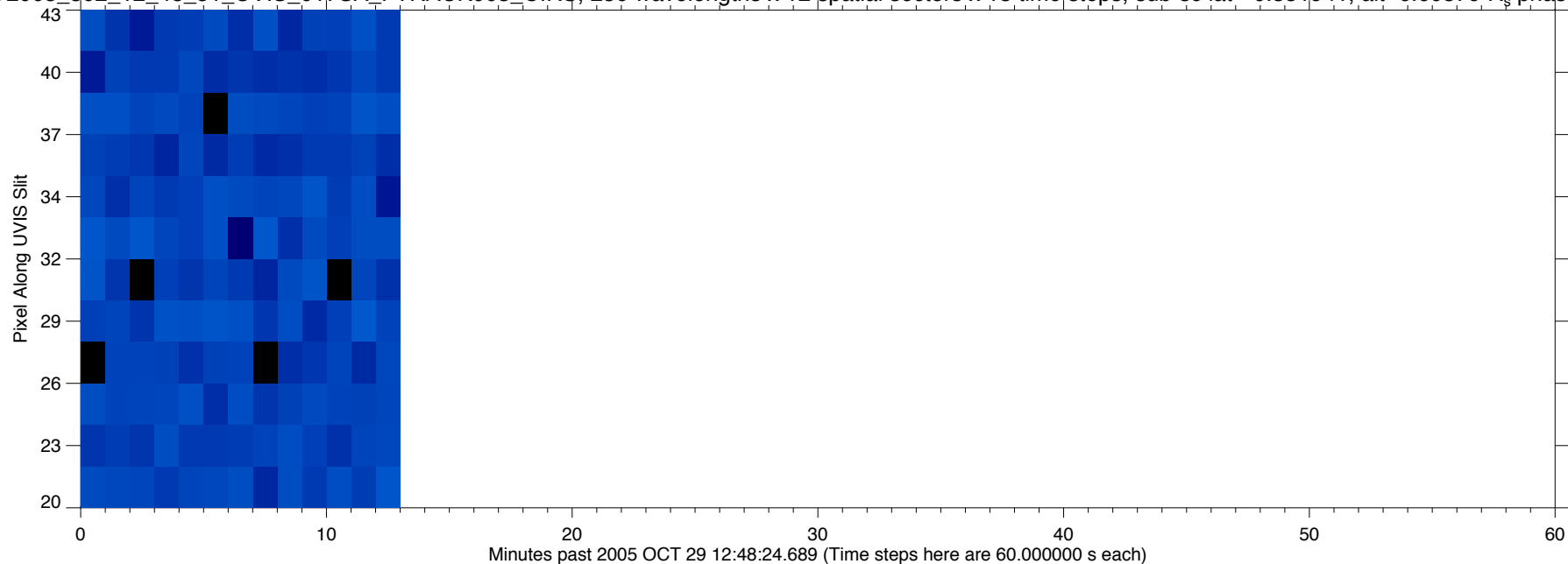
FUV2005_265_11_21_36_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 16 time steps, sub-sc lat=-0.293865, alt=16.5908 R_s phase=39.2628



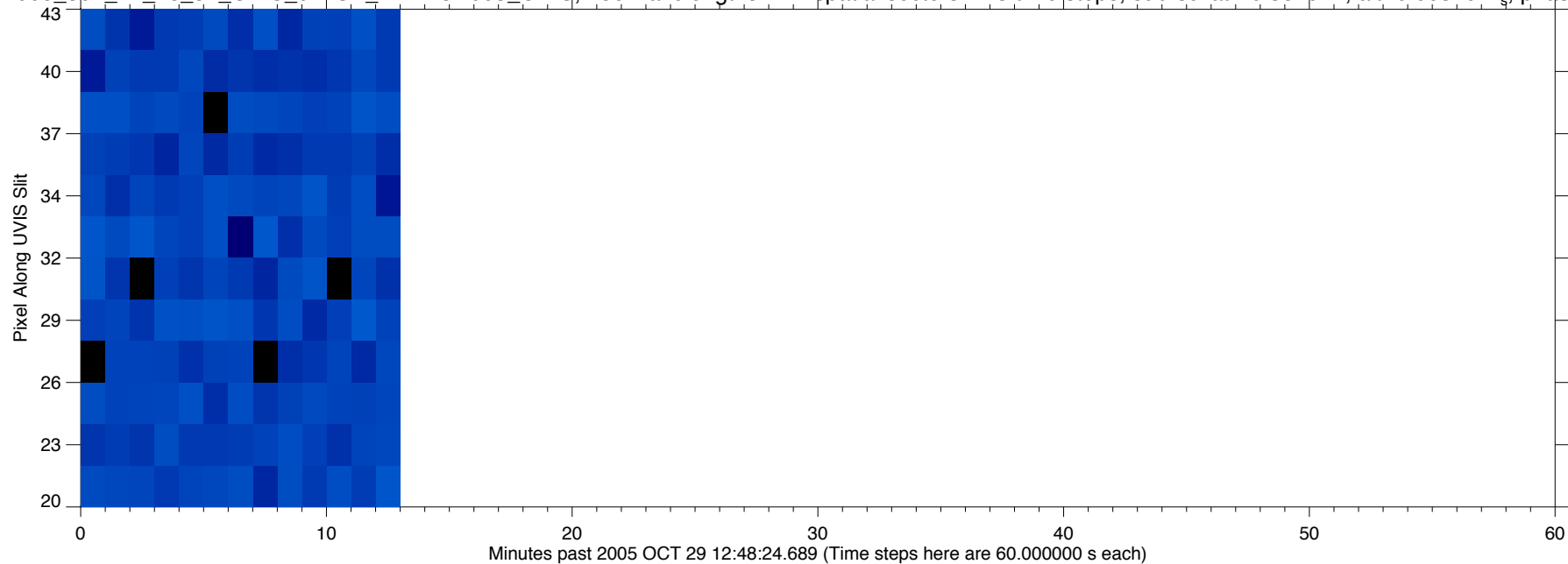
FUV2005_265_11_21_36_UVIS_015SA_MOS14APO022_PRIME, 64 wavelengths x 64 spatial sectors x 16 time steps, sub-sc lat=-0.293865, alt=16.5908 R_s phase=39.2628



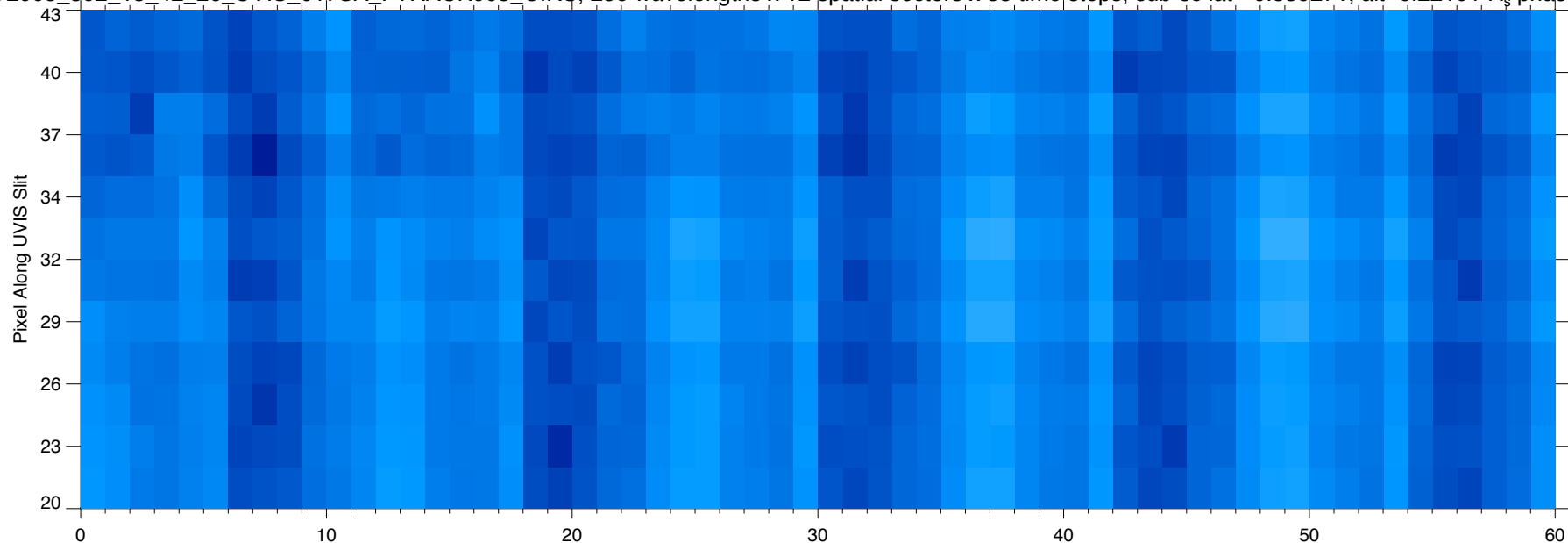
FUV2005_302_12_48_51_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 13 time steps, sub-sc lat=-0.351941, alt=6.60379 R_s, phase=21.9629



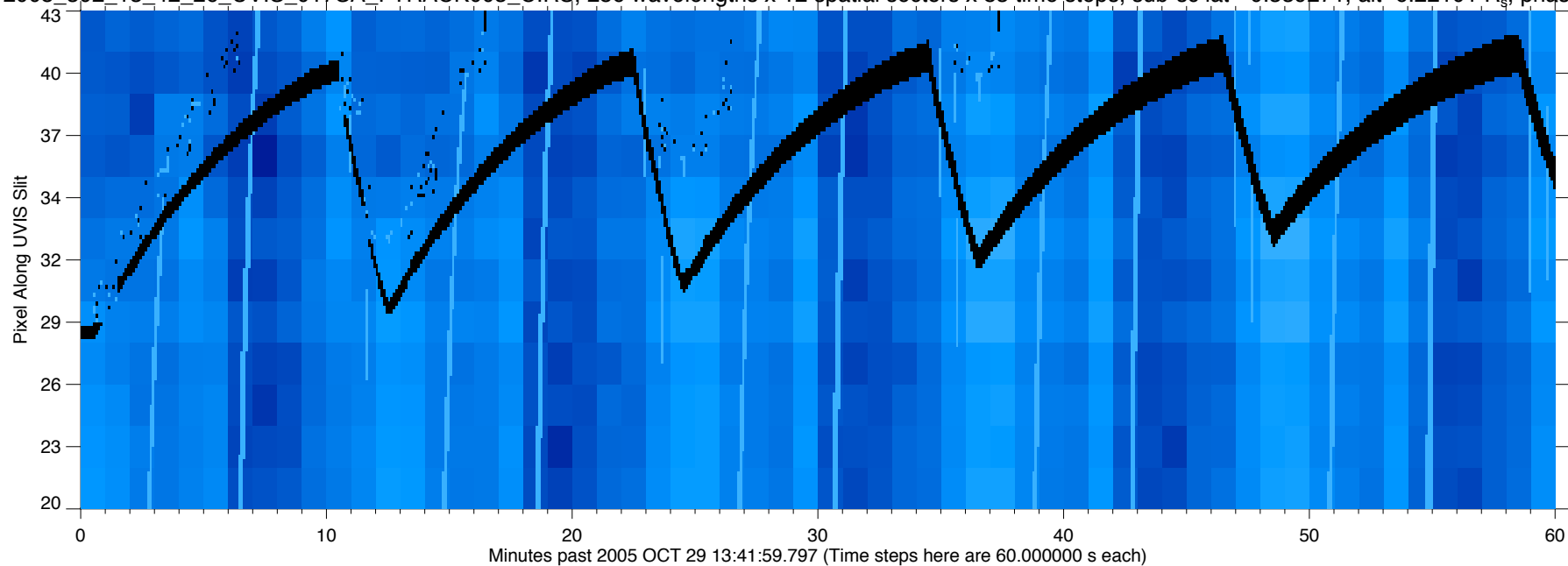
FUV2005_302_12_48_51_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 13 time steps, sub-sc lat=-0.351941, alt=6.60379 R_s, phase=21.9629



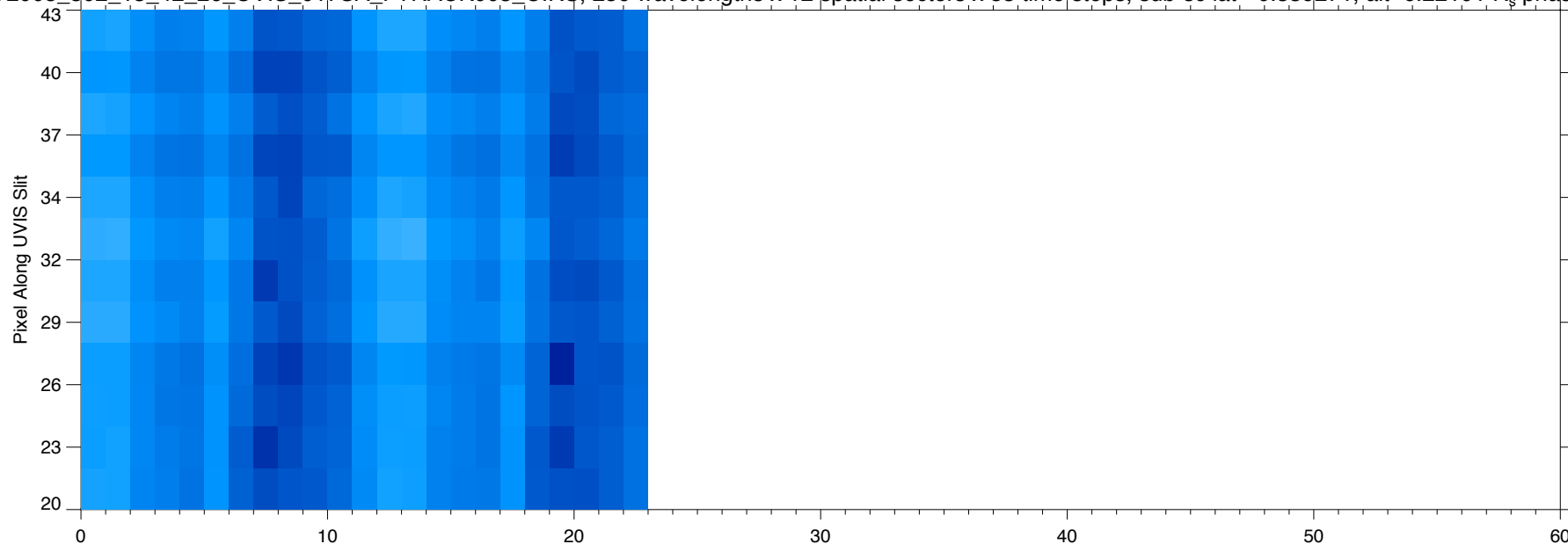
FUV2005_302_13_42_26_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 83 time steps, sub-sc lat=-0.339271, alt=6.22101 R_s phase=24.0427



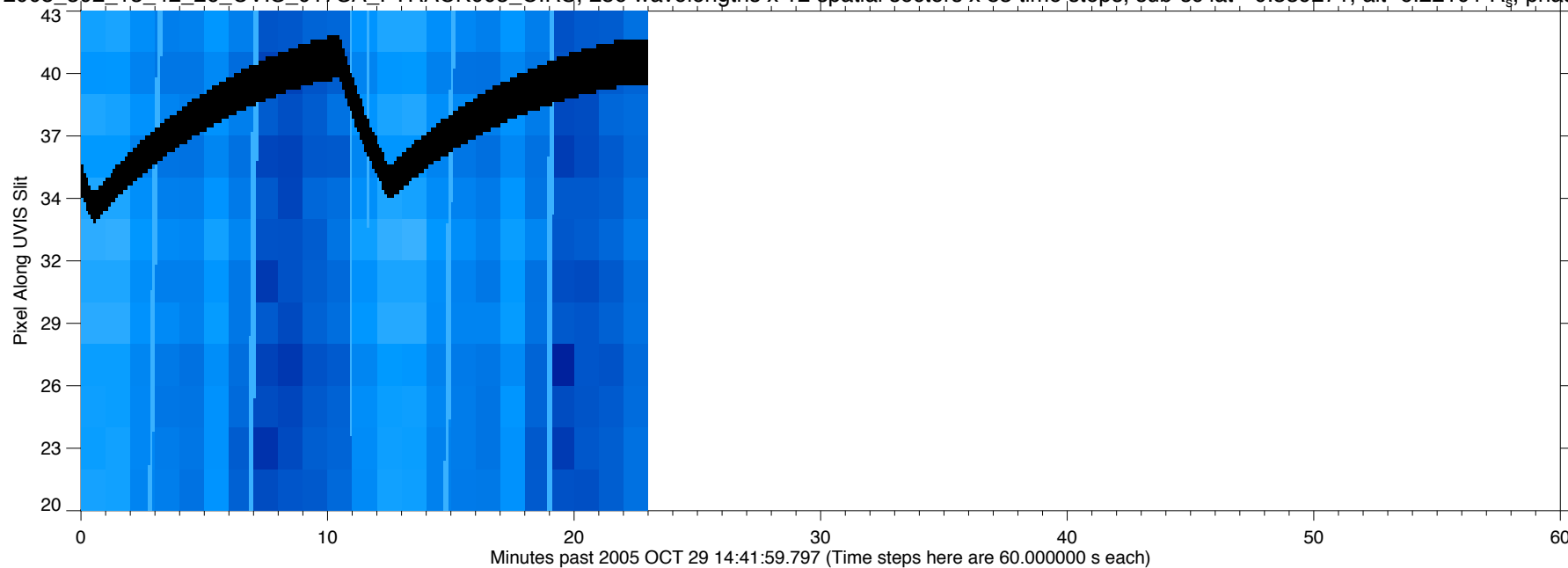
FUV2005_302_13_42_26_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 83 time steps, sub-sc lat=-0.339271, alt=6.22101 R_s phase=24.0427



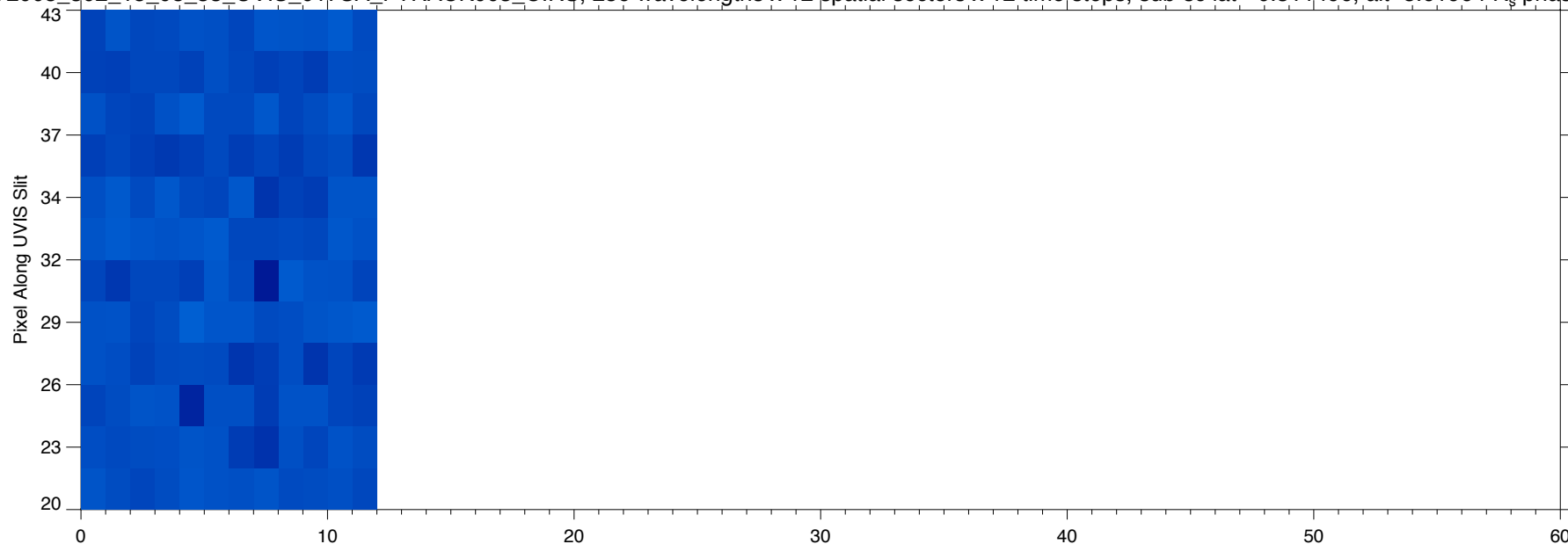
FUV2005_302_13_42_26_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 83 time steps, sub-sc lat=-0.339271, alt=6.22101 R_s, phase=24.0427



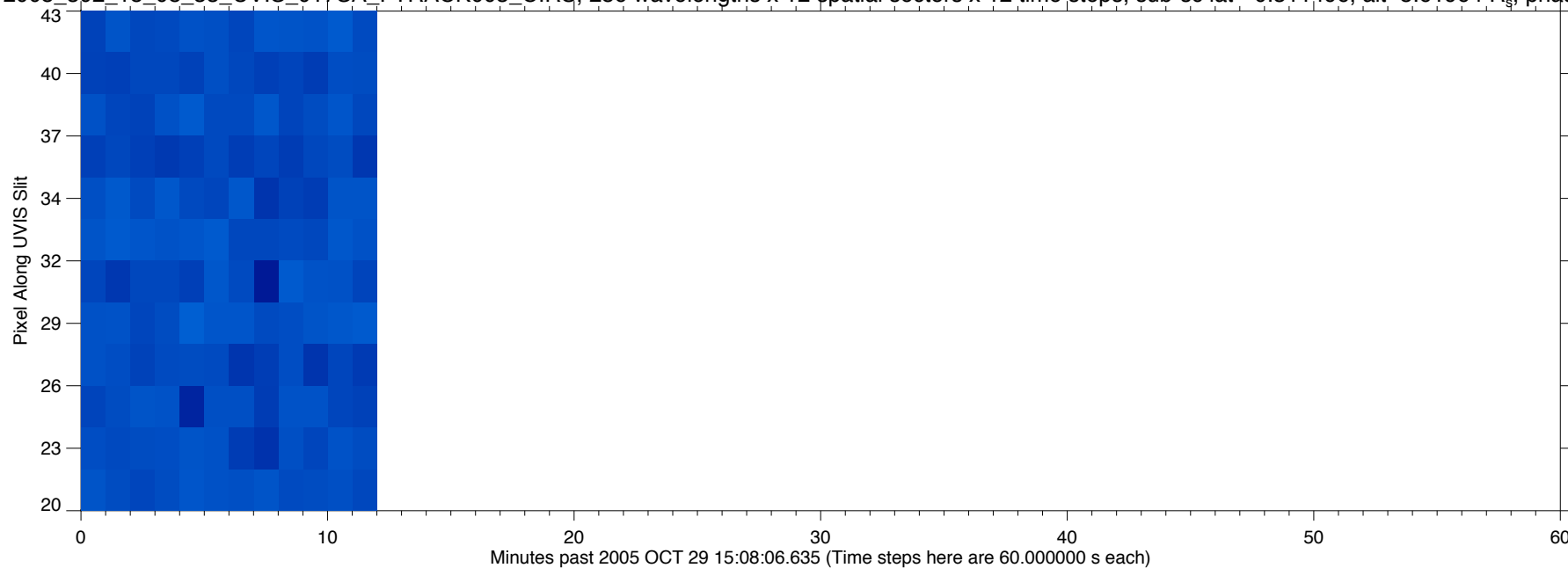
FUV2005_302_13_42_26_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 83 time steps, sub-sc lat=-0.339271, alt=6.22101 R_s, phase=24.0427



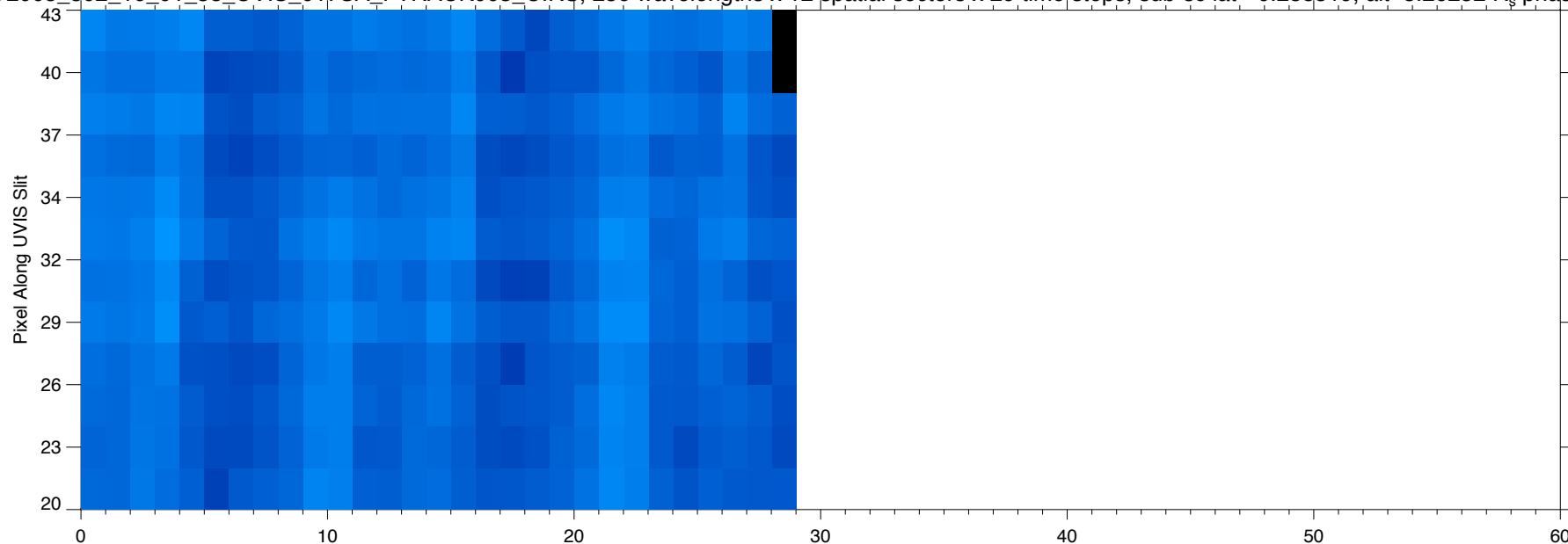
FUV2005_302_15_08_33_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 12 time steps, sub-sc lat=-0.311496, alt=5.61964 R_s, phase=28.9342



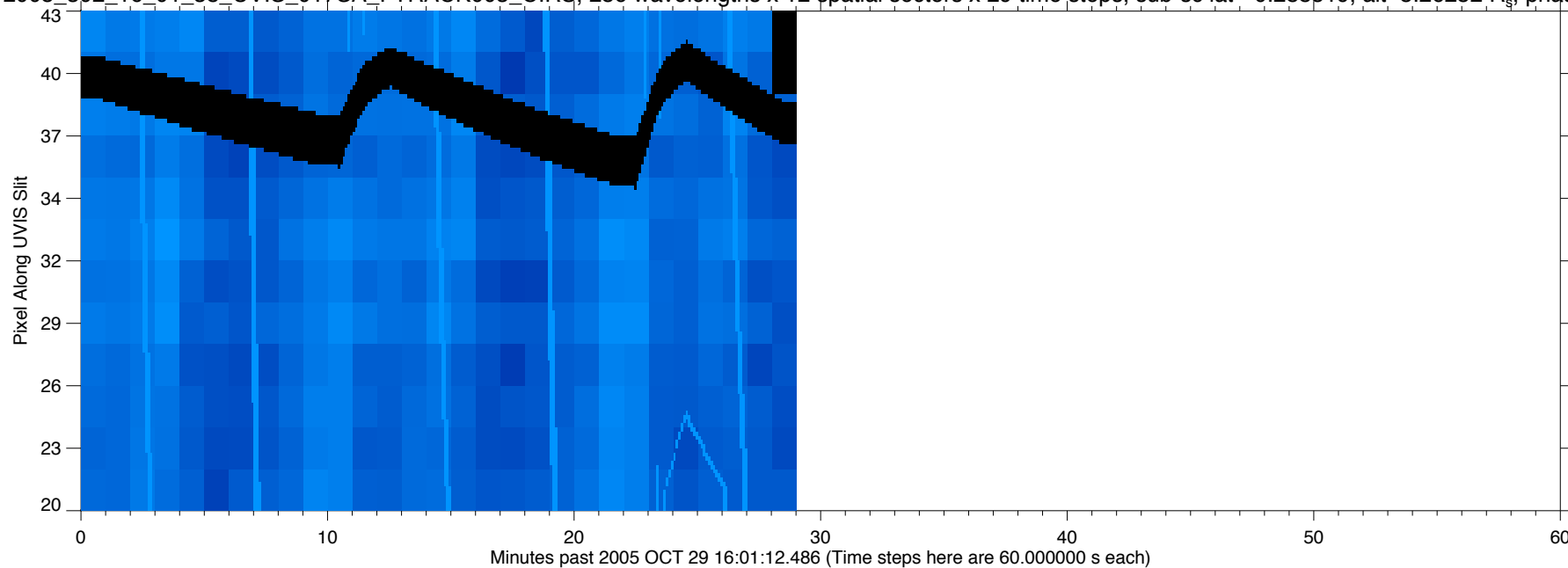
FUV2005_302_15_08_33_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 12 time steps, sub-sc lat=-0.311496, alt=5.61964 R_s, phase=28.9342



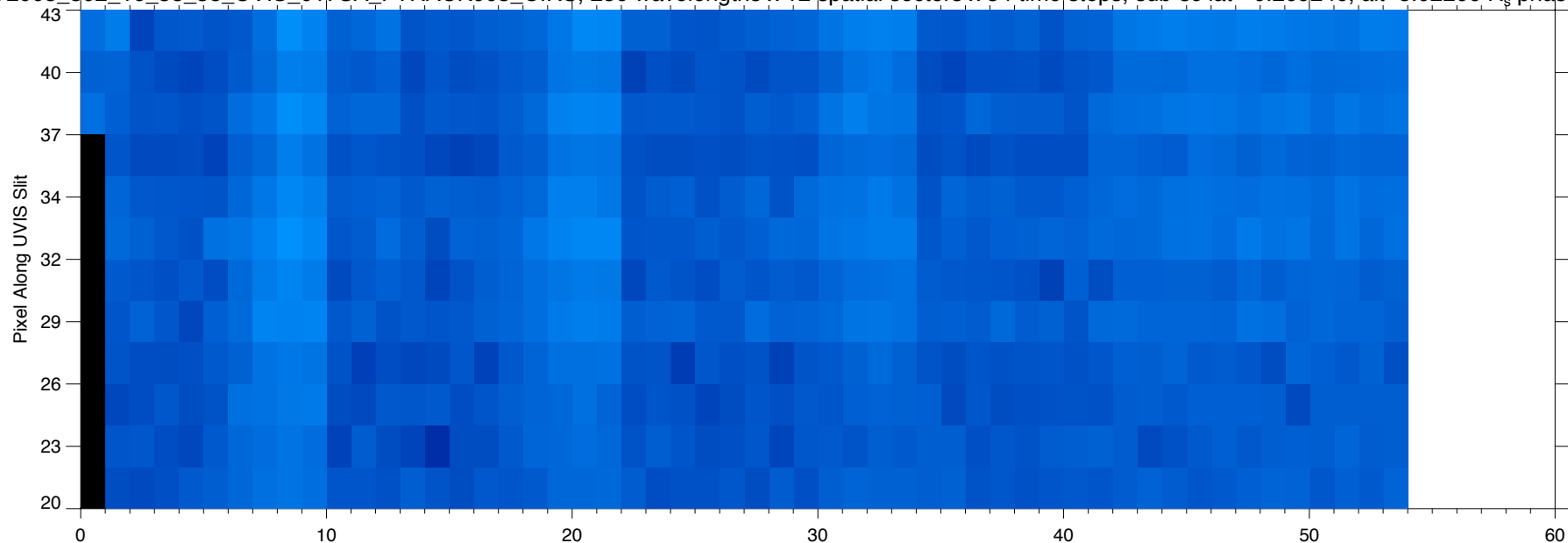
FUV2005_302_16_01_38_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 29 time steps, sub-sc lat=-0.288519, alt=5.26252 R_s, phase=32.9593



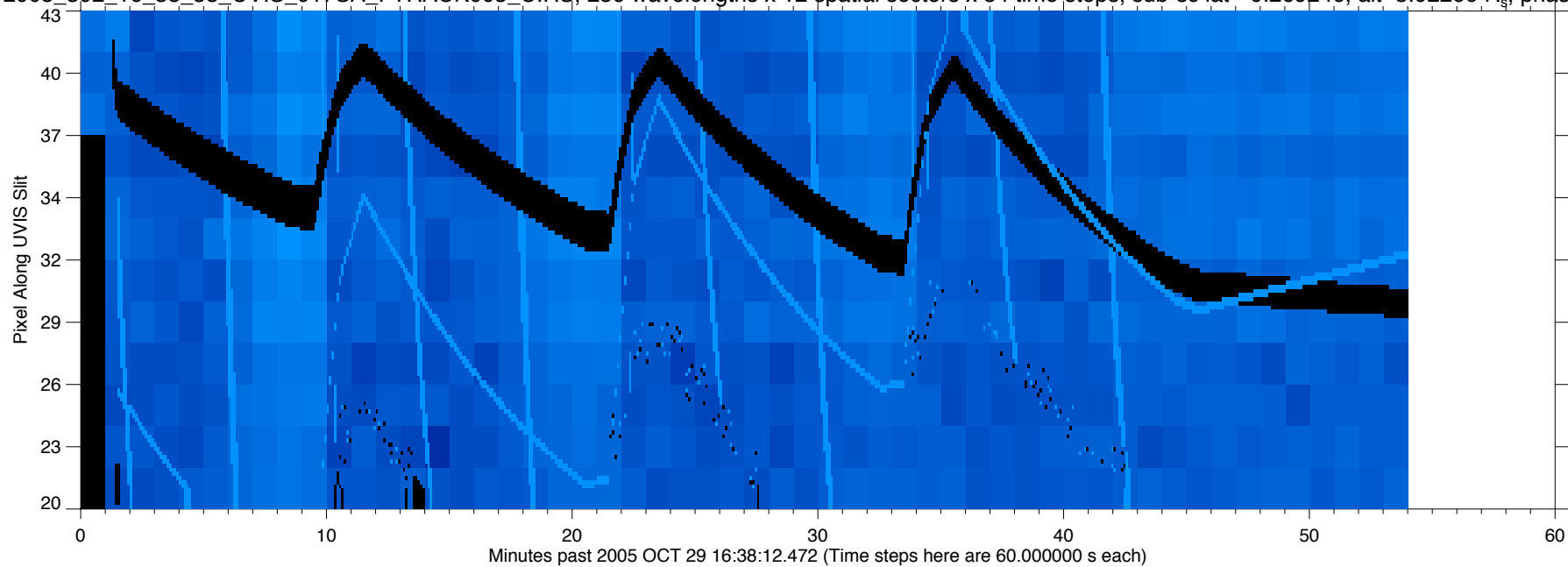
FUV2005_302_16_01_38_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 29 time steps, sub-sc lat=-0.288519, alt=5.26252 R_s, phase=32.9593



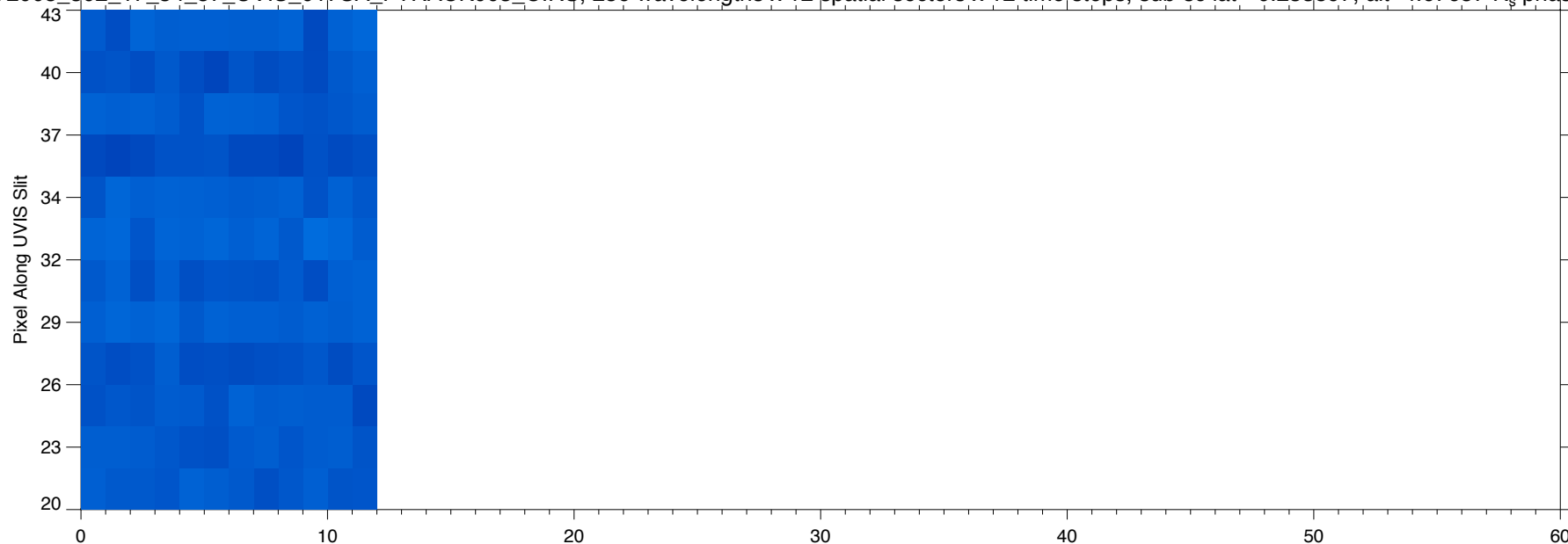
FUV2005_302_16_38_38_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 54 time steps, sub-sc lat=-0.269246, alt=5.02266 R_s, phase=36.2421



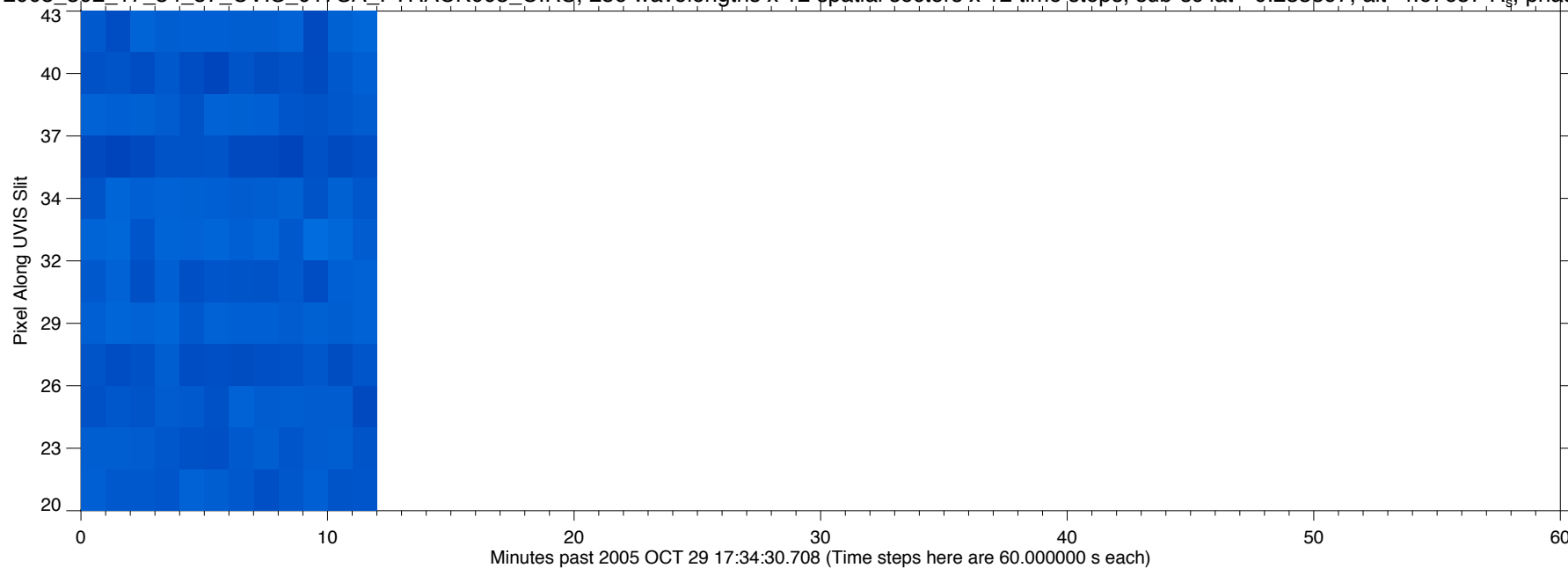
FUV2005_302_16_38_38_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 54 time steps, sub-sc lat=-0.269246, alt=5.02266 R_s, phase=36.2421



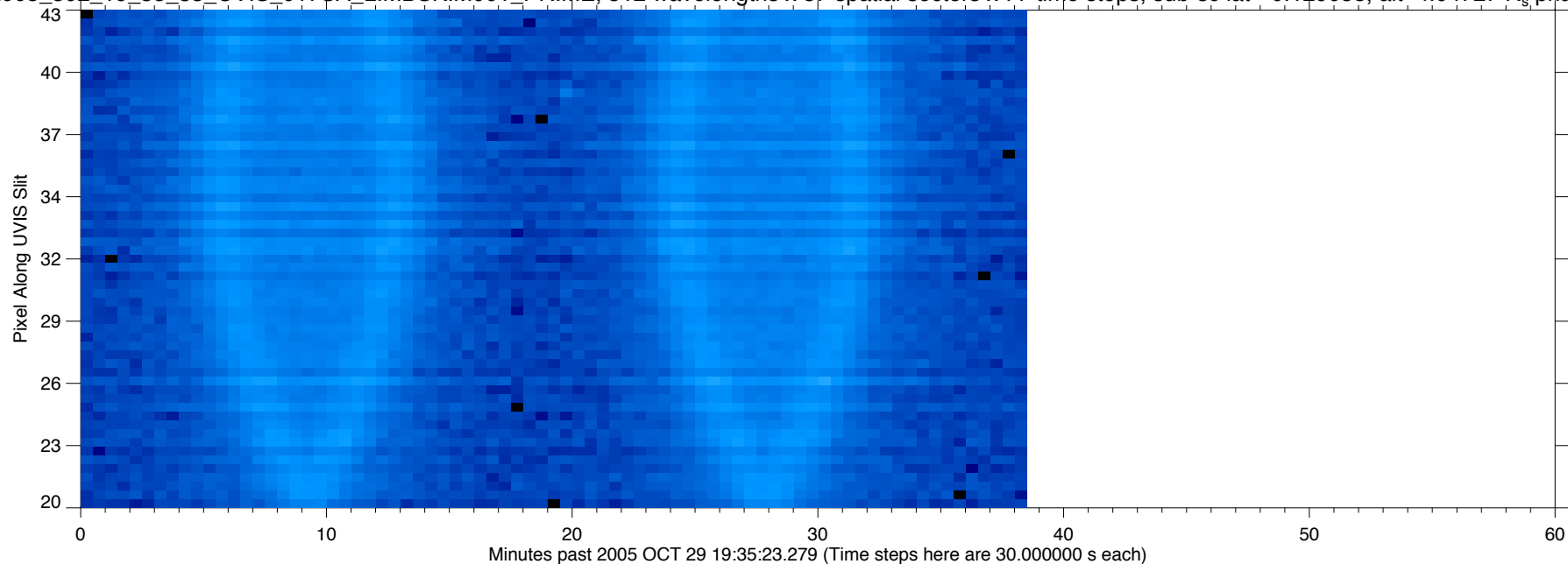
FUV2005_302_17_34_57_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 12 time steps, sub-sc lat=-0.233897, alt=4.67657 R_s, phase=42.0229



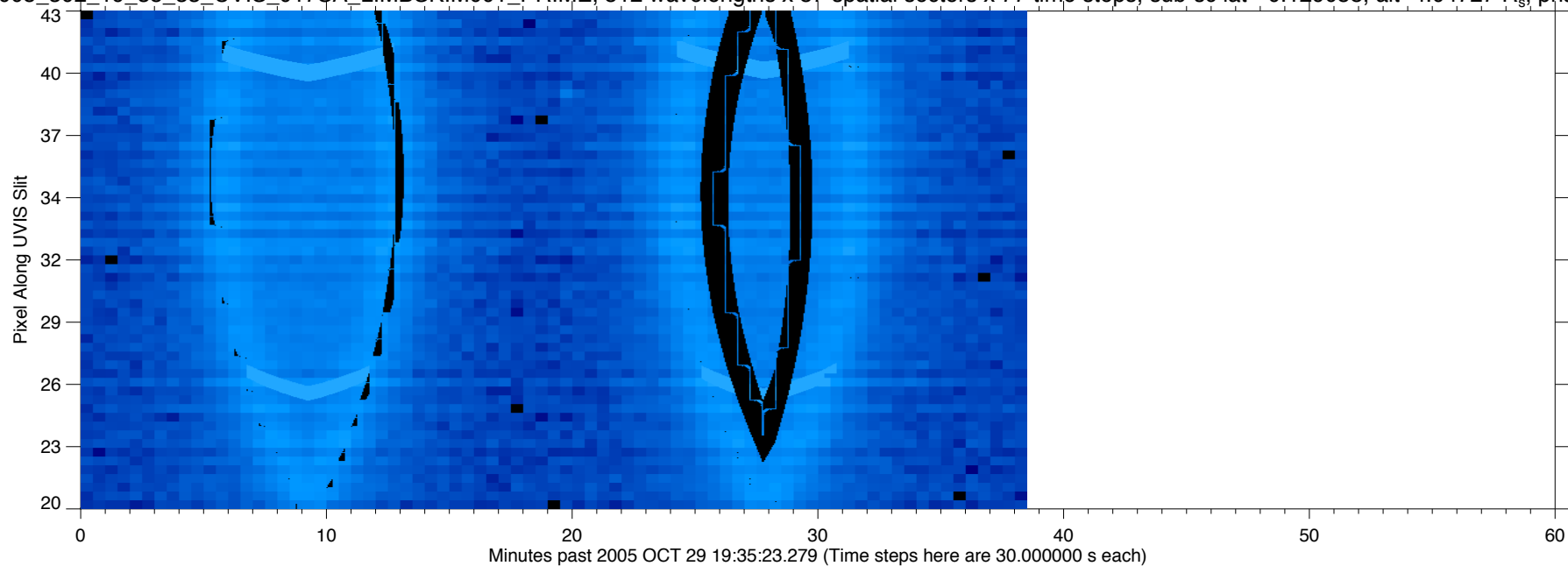
FUV2005_302_17_34_57_UVIS_017SA_FTRACK003_CIRS, 256 wavelengths x 12 spatial sectors x 12 time steps, sub-sc lat=-0.233897, alt=4.67657 R_s, phase=42.0229



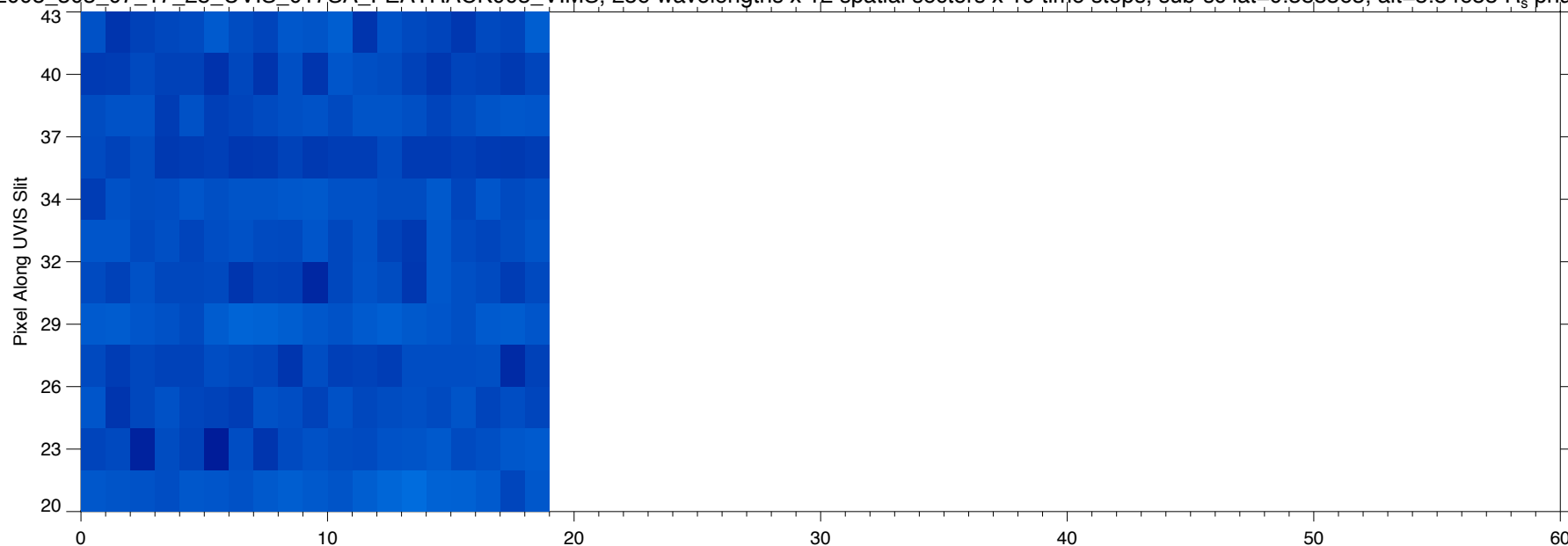
FUV2005_302_19_35_33_UVIS_017SA_LIMBSKIM001_PRIME, 512 wavelengths x 57 spatial sectors x 77 time steps, sub-sc lat=-0.129058, alt=4.04727 R_s, phase=57.7706



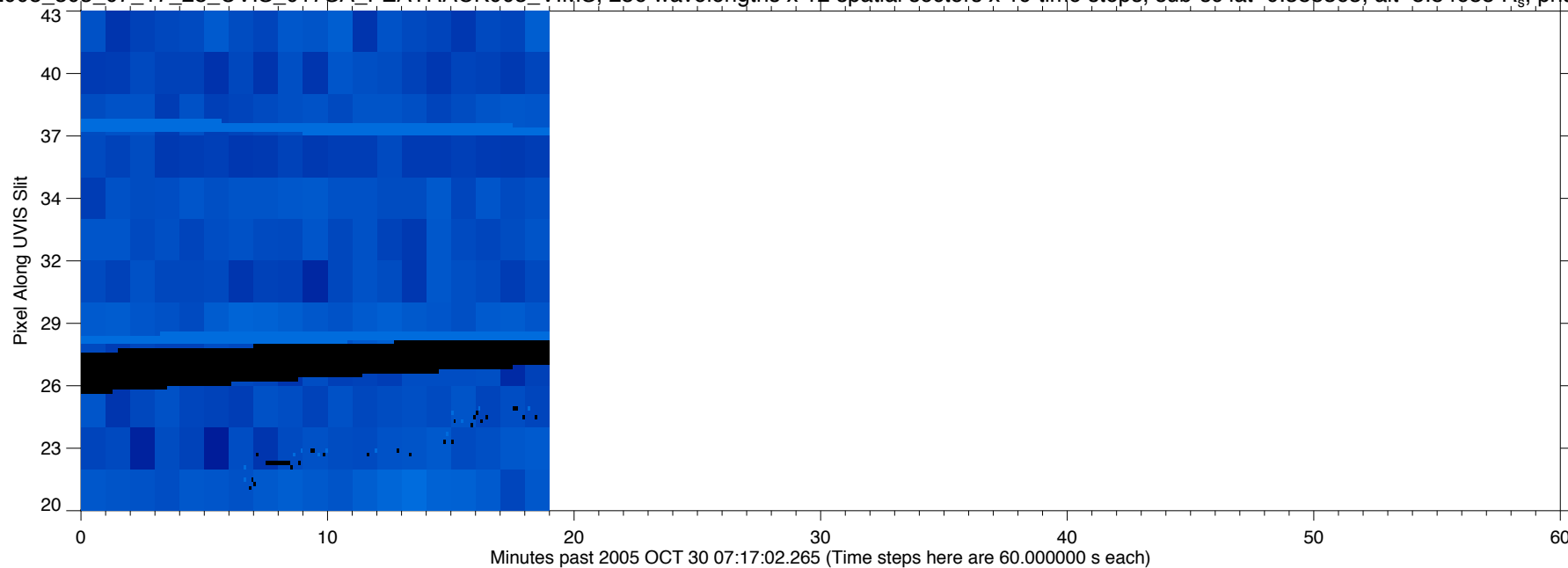
FUV2005_302_19_35_33_UVIS_017SA_LIMBSKIM001_PRIME, 512 wavelengths x 57 spatial sectors x 77 time steps, sub-sc lat=-0.129058, alt=4.04727 R_s, phase=57.7706



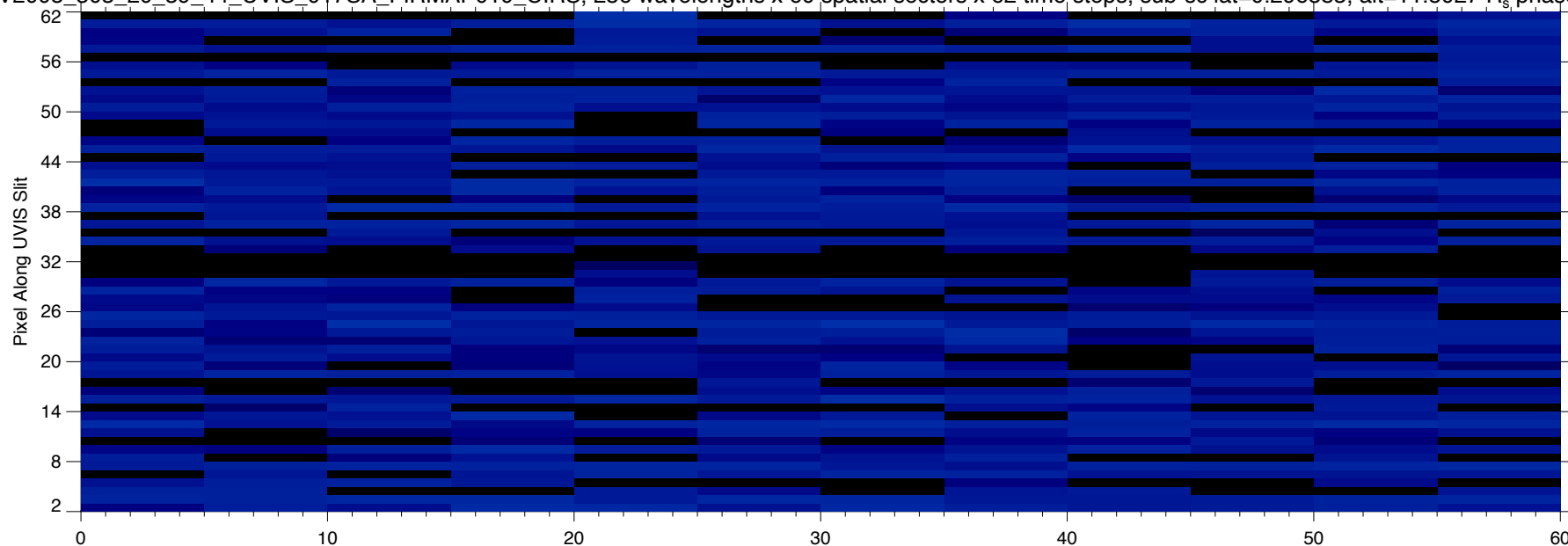
FUV2005_303_07_17_28_UVIS_017SA_FEATRACK003_VIMS, 256 wavelengths x 12 spatial sectors x 19 time steps, sub-sc lat=0.388363, alt=5.84655 R_s, phase=156.357



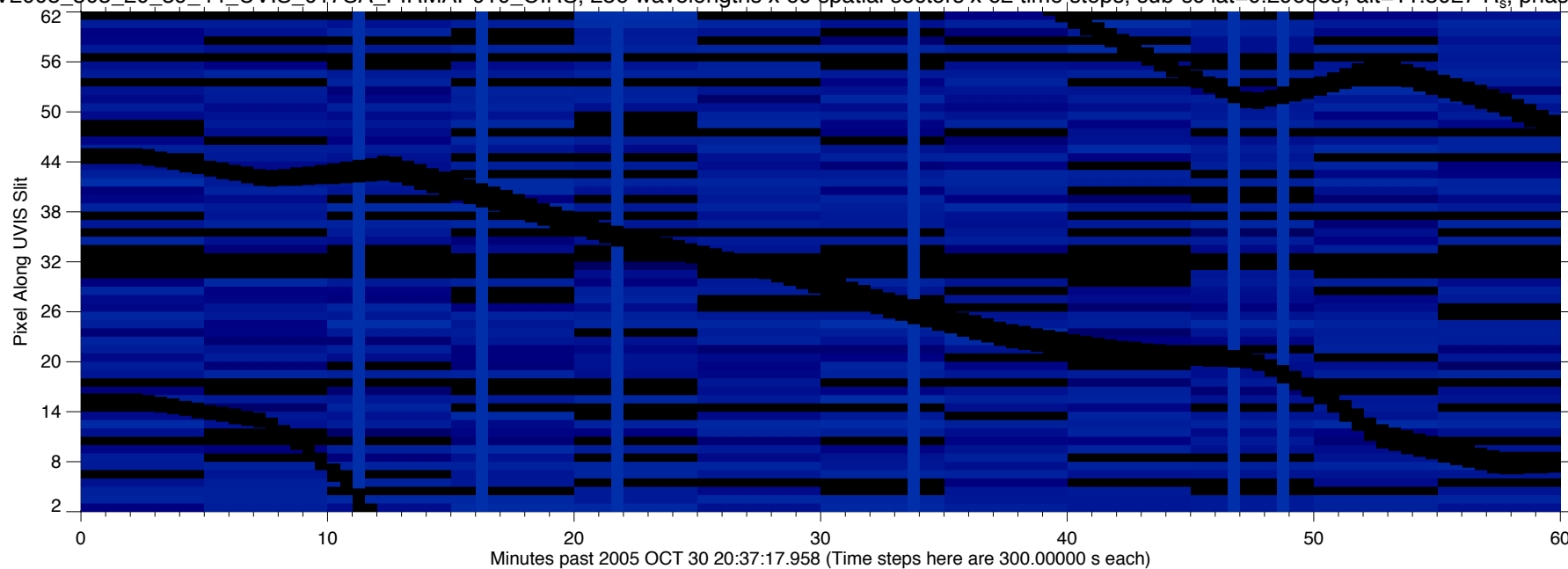
FUV2005_303_07_17_28_UVIS_017SA_FEATRACK003_VIMS, 256 wavelengths x 12 spatial sectors x 19 time steps, sub-sc lat=0.388363, alt=5.84655 R_s, phase=156.357



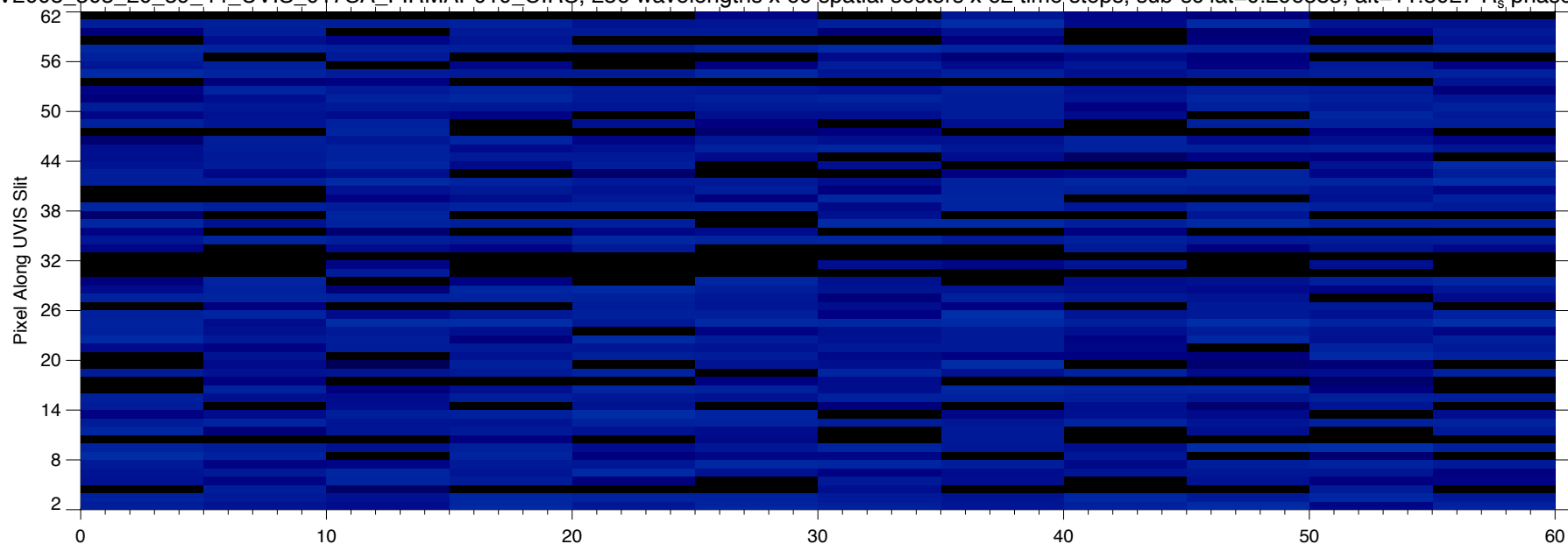
FUV2005_303_20_39_44_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 62 time steps, sub-sc lat=0.296583, alt=11.5027 R_s, phase=148.746



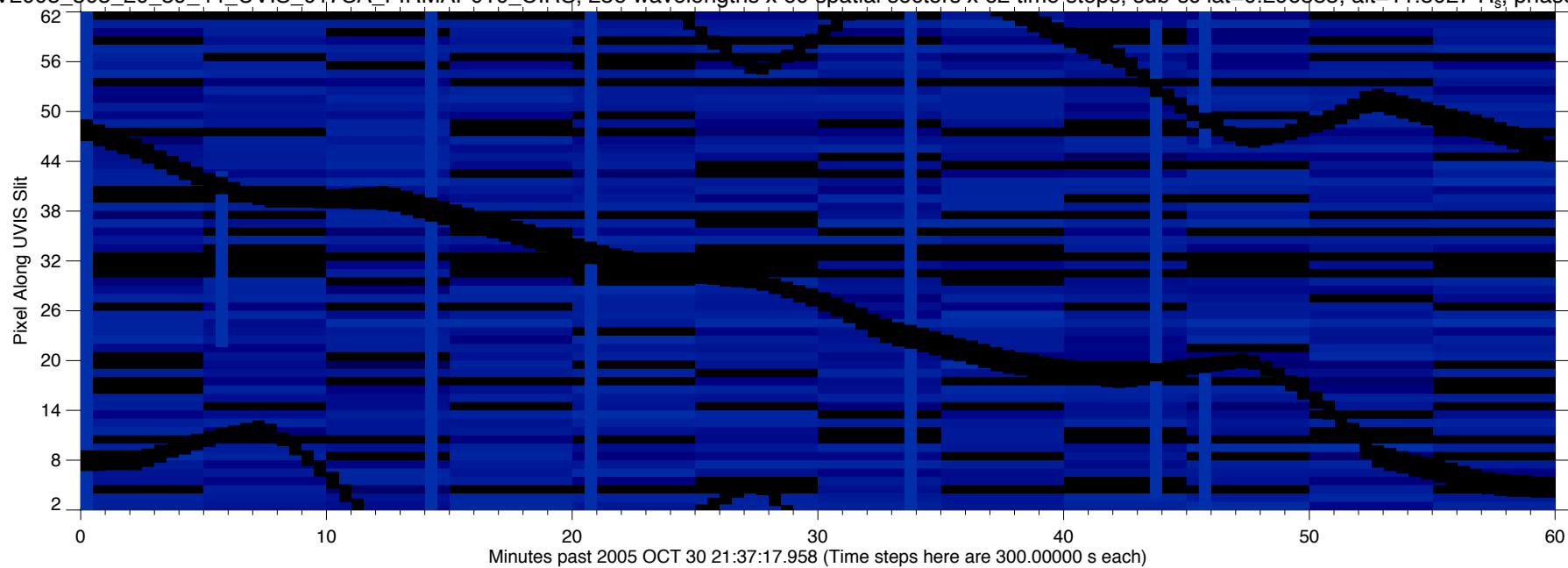
FUV2005_303_20_39_44_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 62 time steps, sub-sc lat=0.296583, alt=11.5027 R_s, phase=148.746



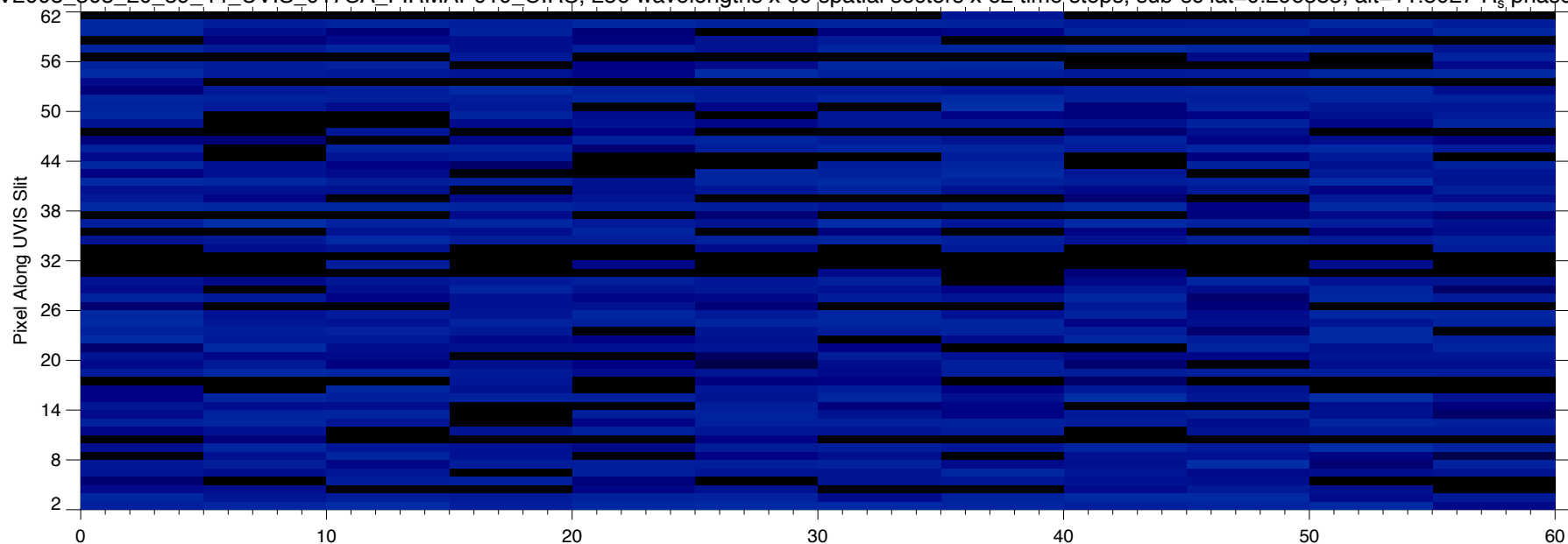
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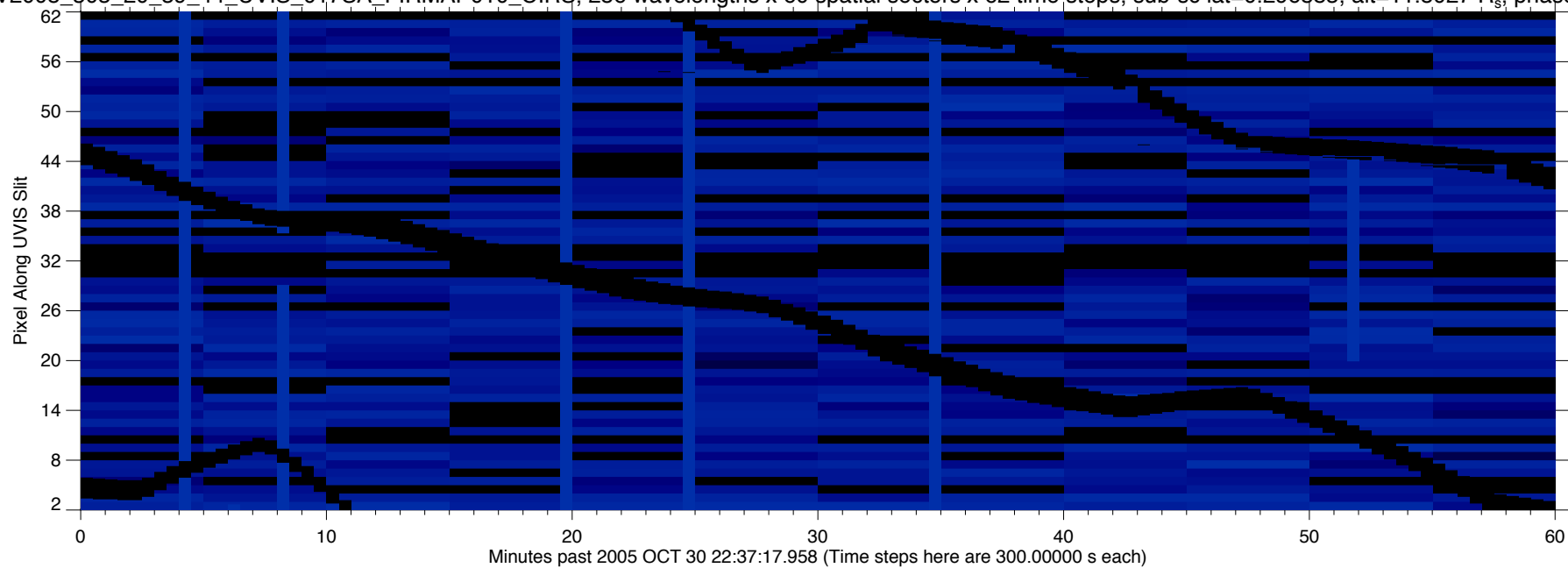
FUV2005_303_20_39_44_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 62 time steps, sub-sc lat=0.296583, alt=11.5027 R_s, phase=148.746



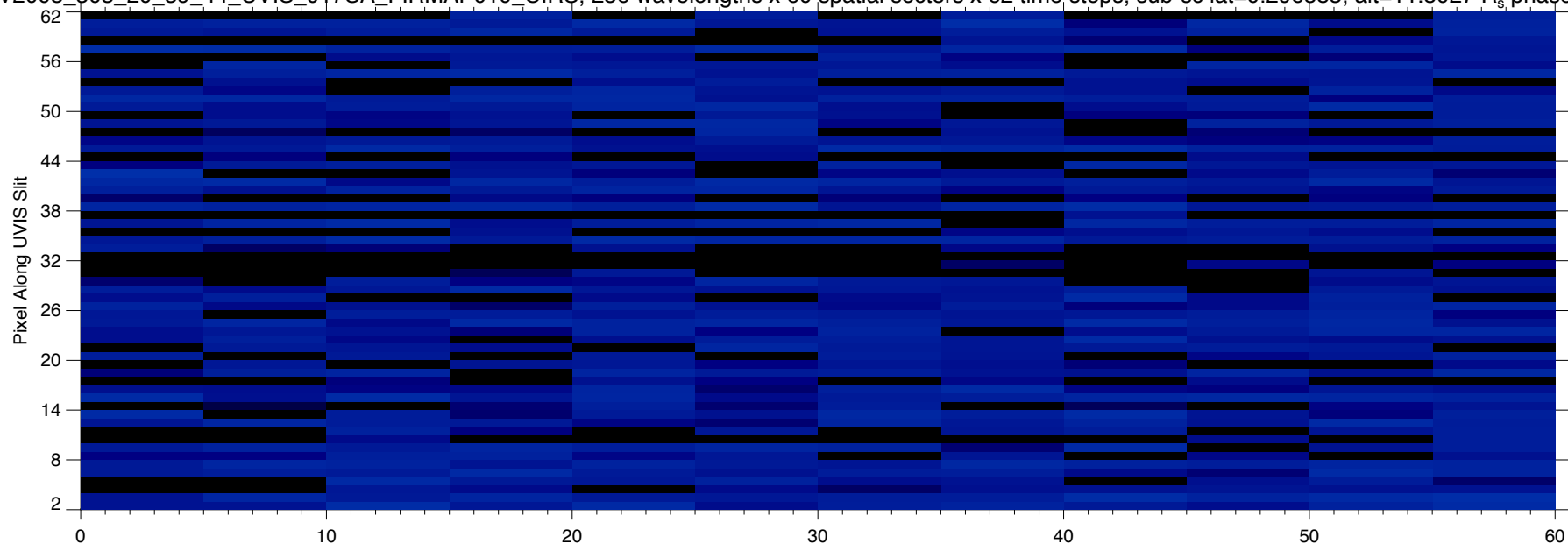
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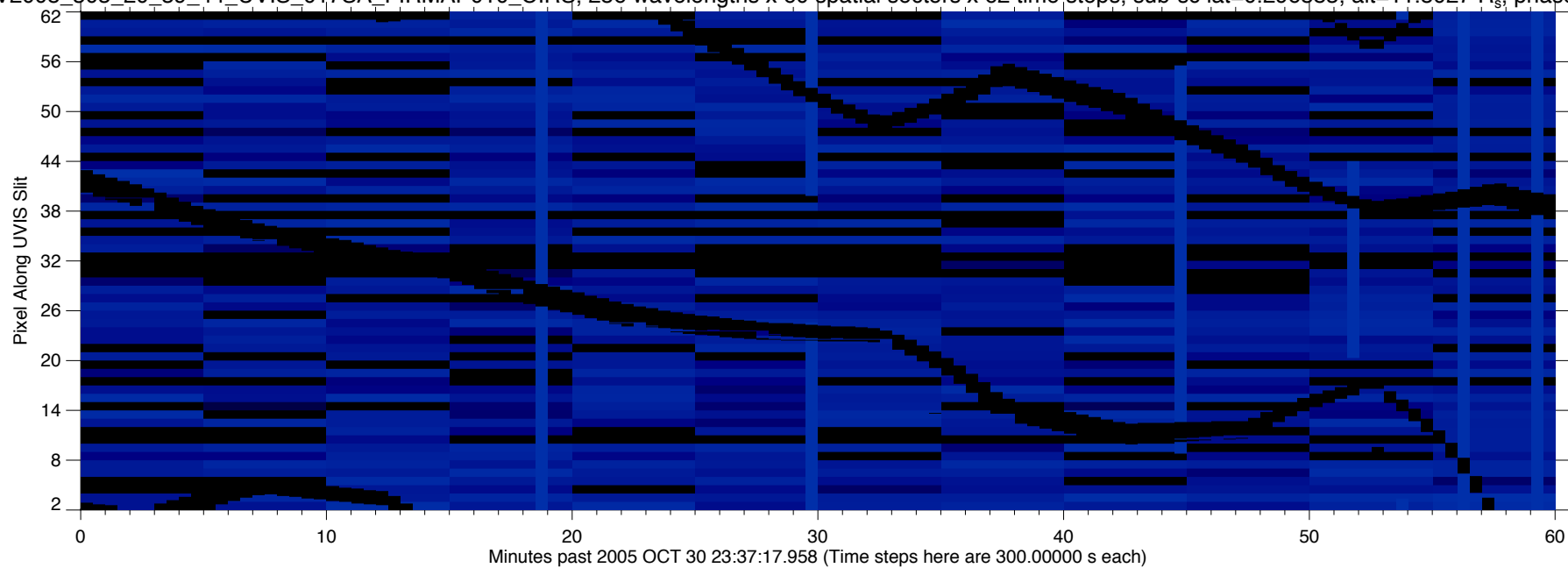
FUV2005_303_20_39_44_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 62 time steps, sub-sc lat=0.296583, alt=11.5027 R_s, phase=148.746



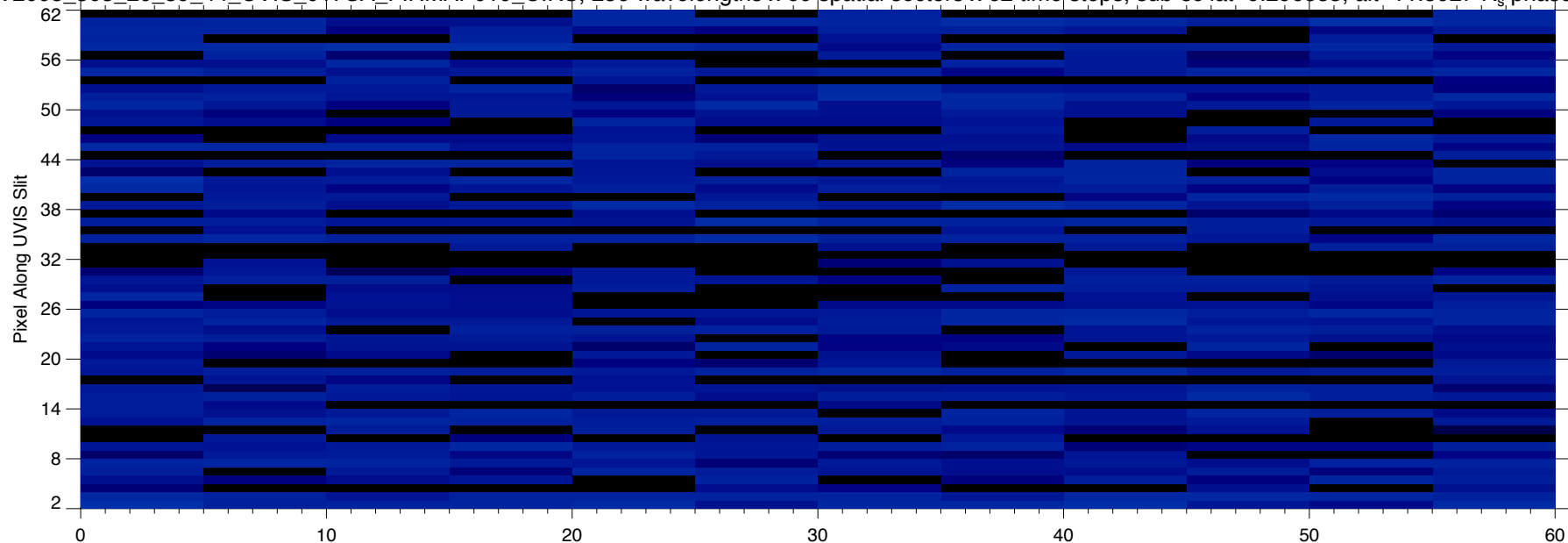
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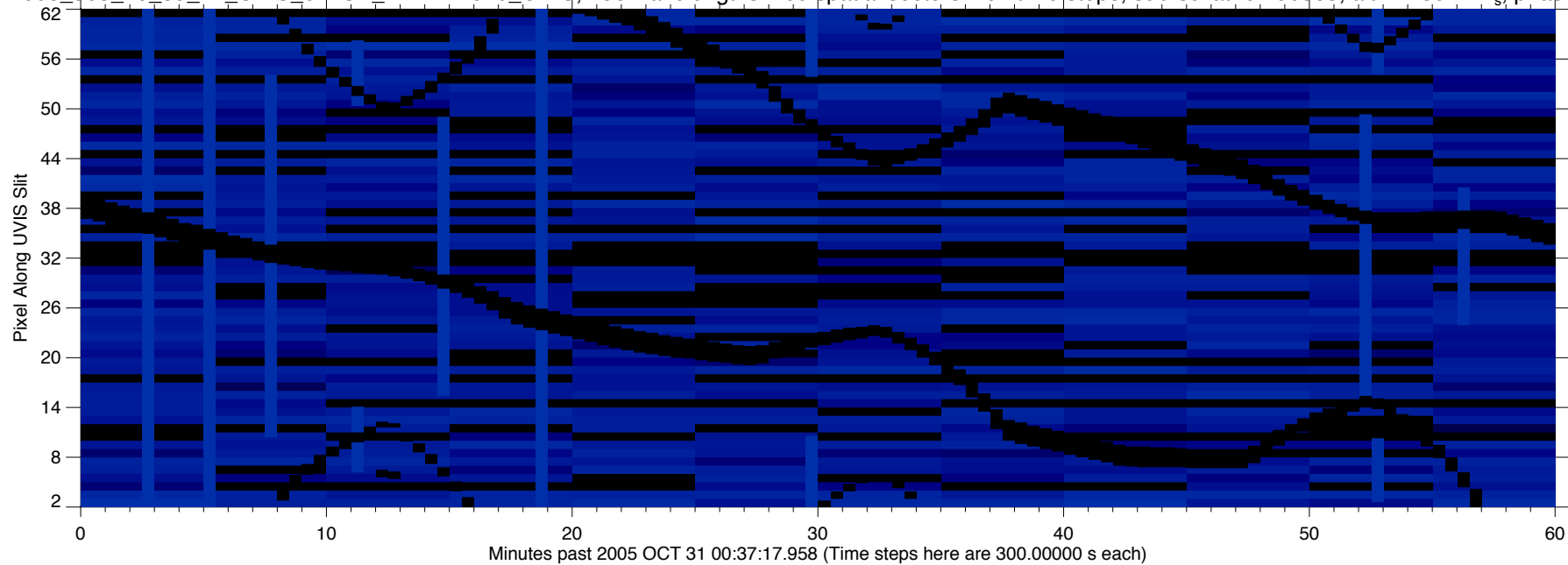
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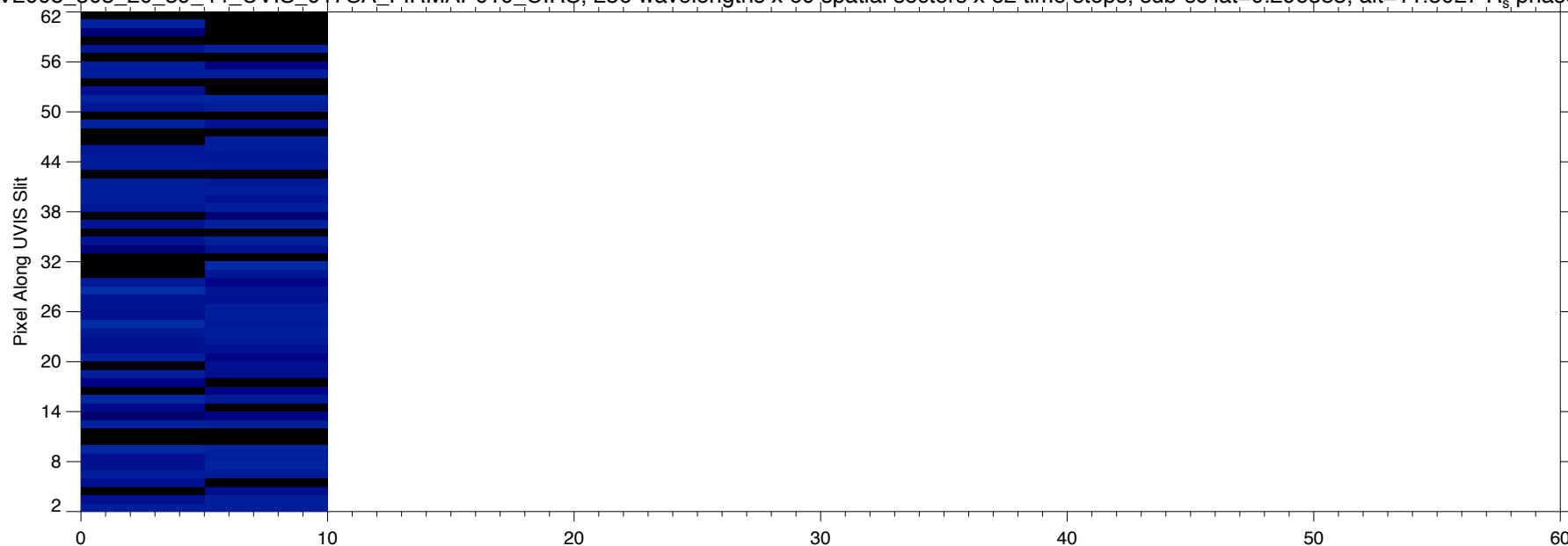
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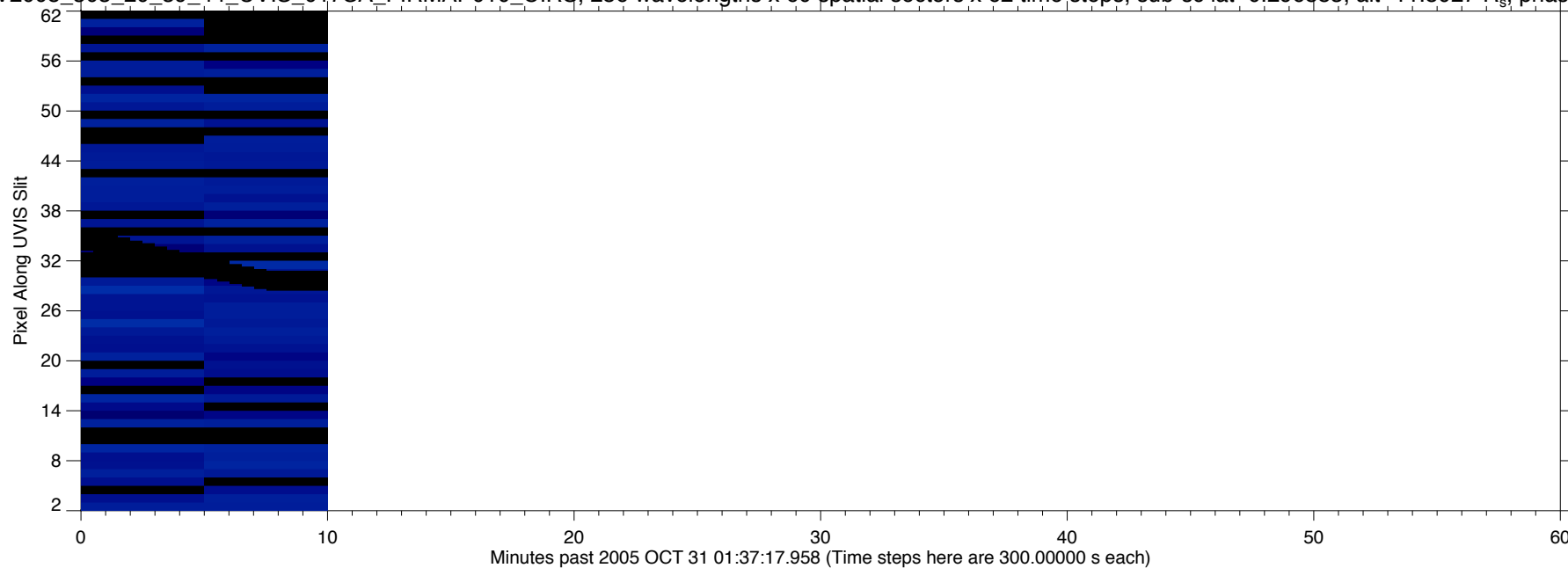
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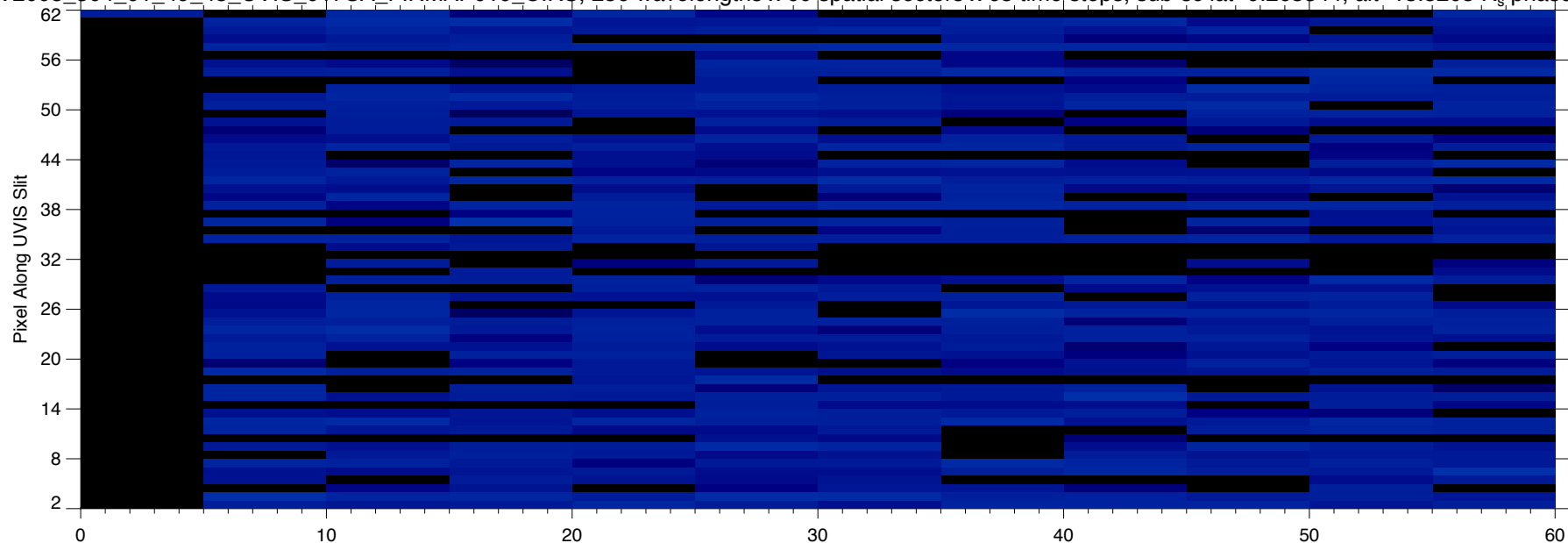
FUV2005_303_20_39_44_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 62 time steps, sub-sc lat=0.296583, alt=11.5027 R_s, phase=148.746



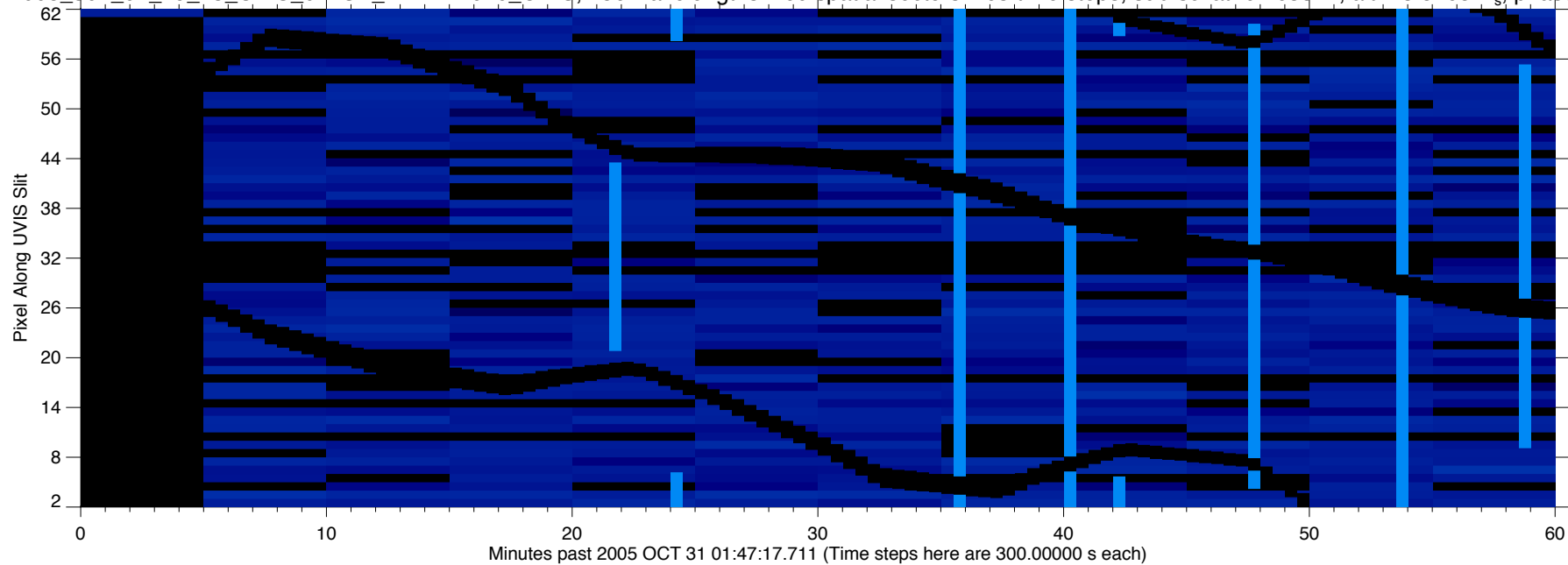
FUV2005_303_20_39_44_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 62 time steps, sub-sc lat=0.296583, alt=11.5027 R_s, phase=148.746



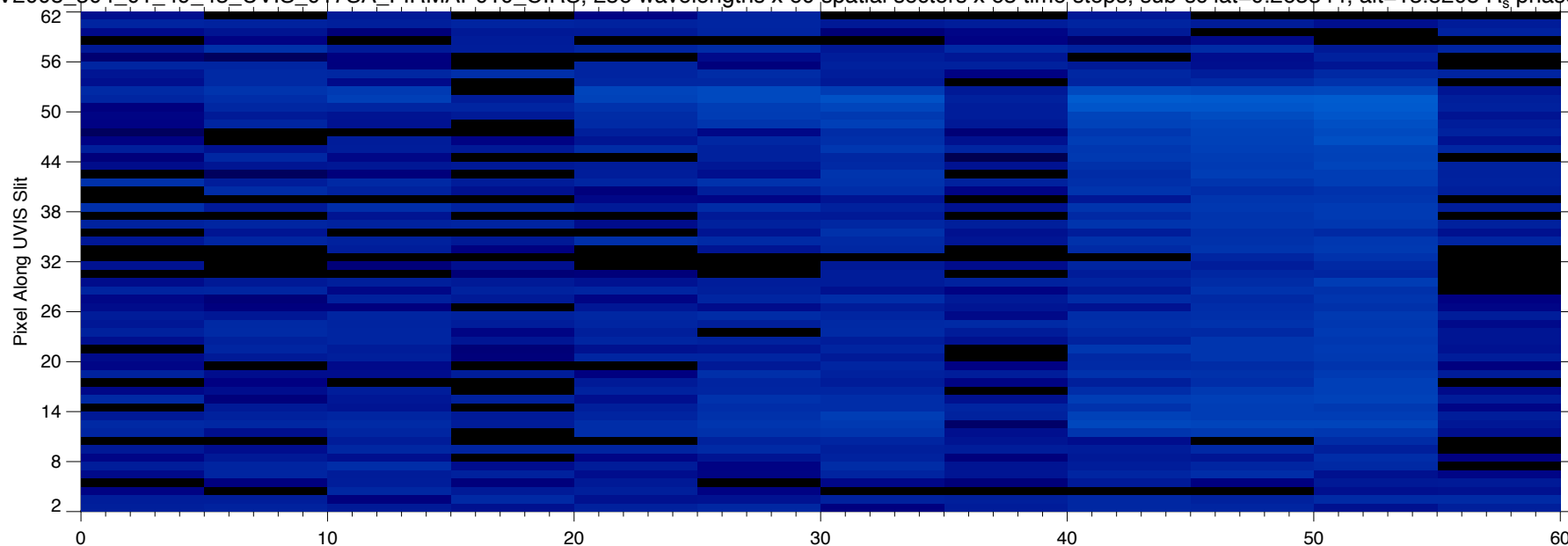
FUV2005_304_01_49_43_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 63 time steps, sub-sc lat=0.263344, alt=13.5205 R_s, phase=143.079



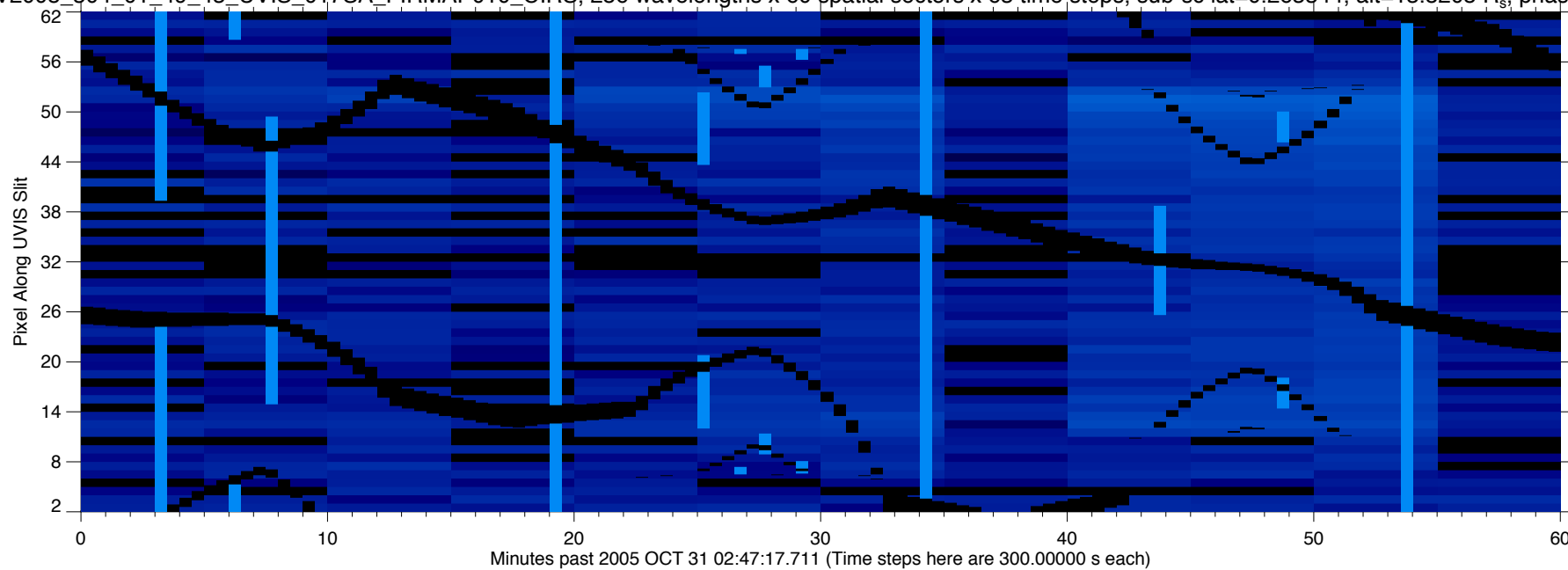
FUV2005_304_01_49_43_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 63 time steps, sub-sc lat=0.263344, alt=13.5205 R_s, phase=143.079



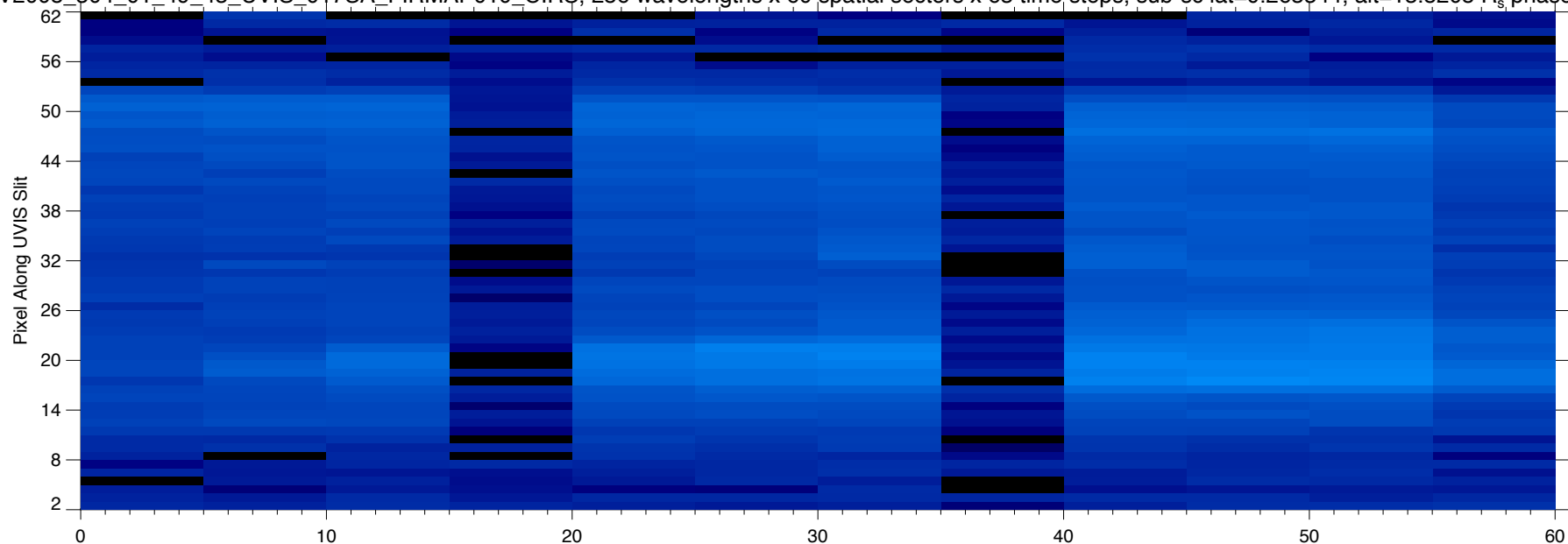
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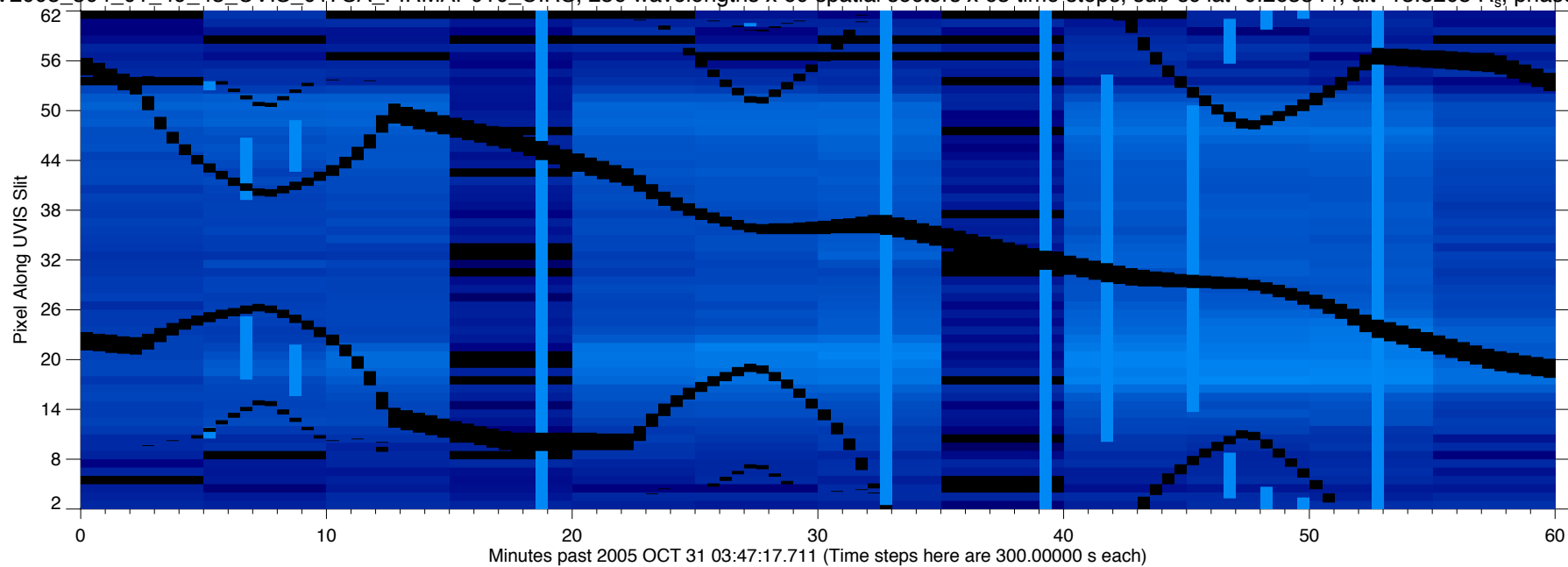
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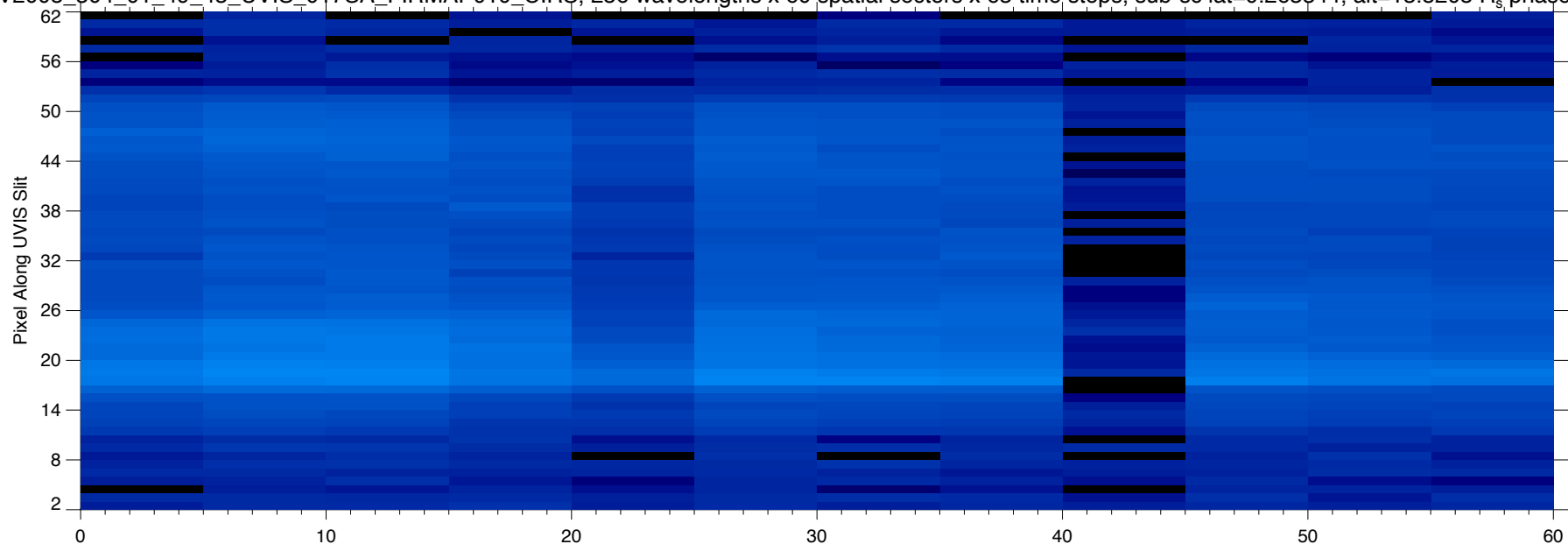
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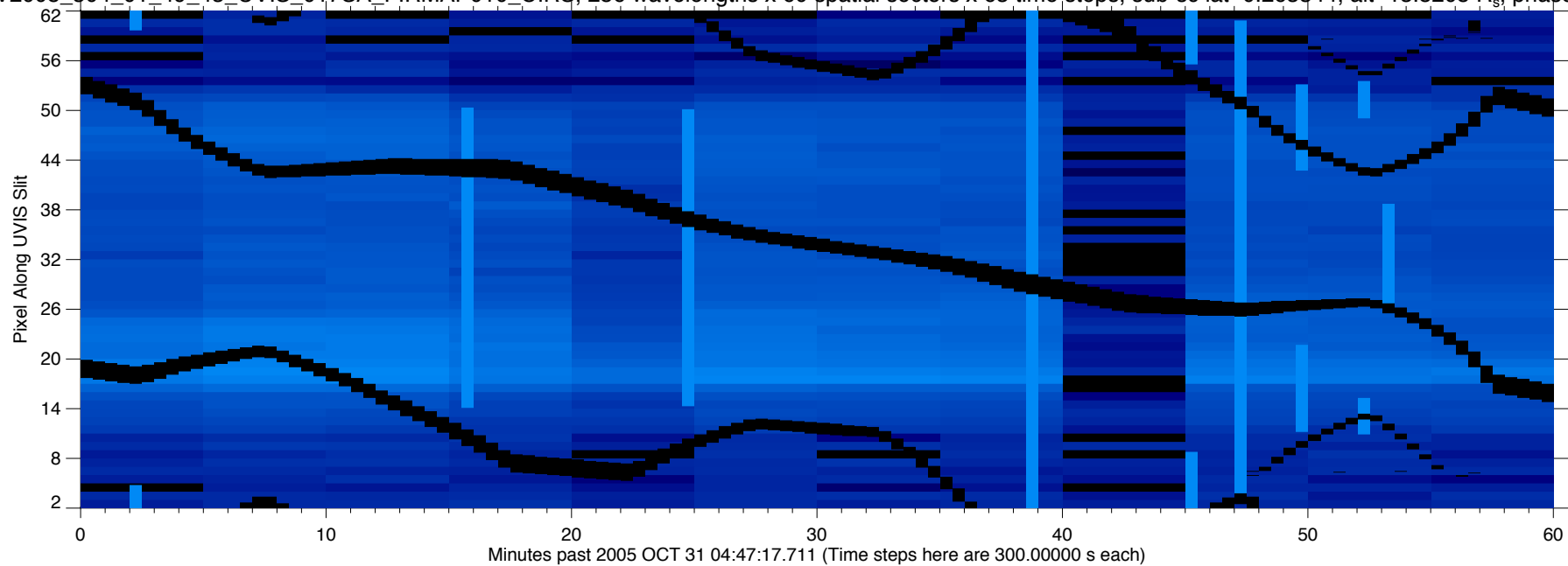
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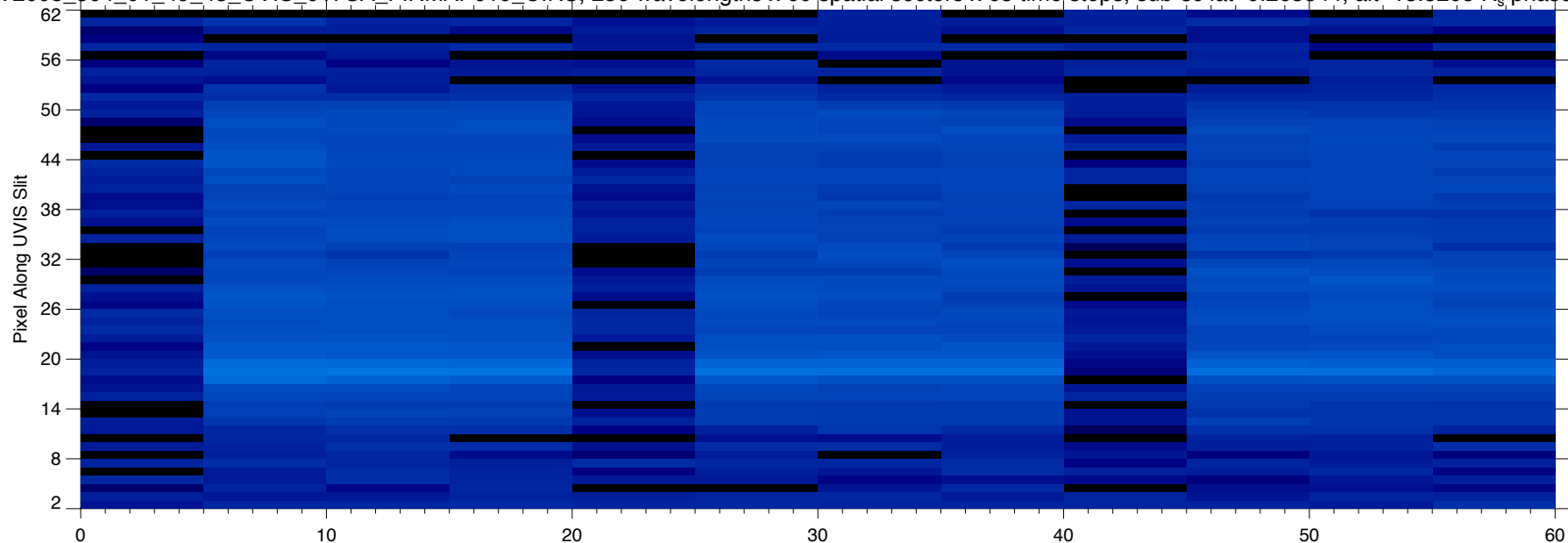
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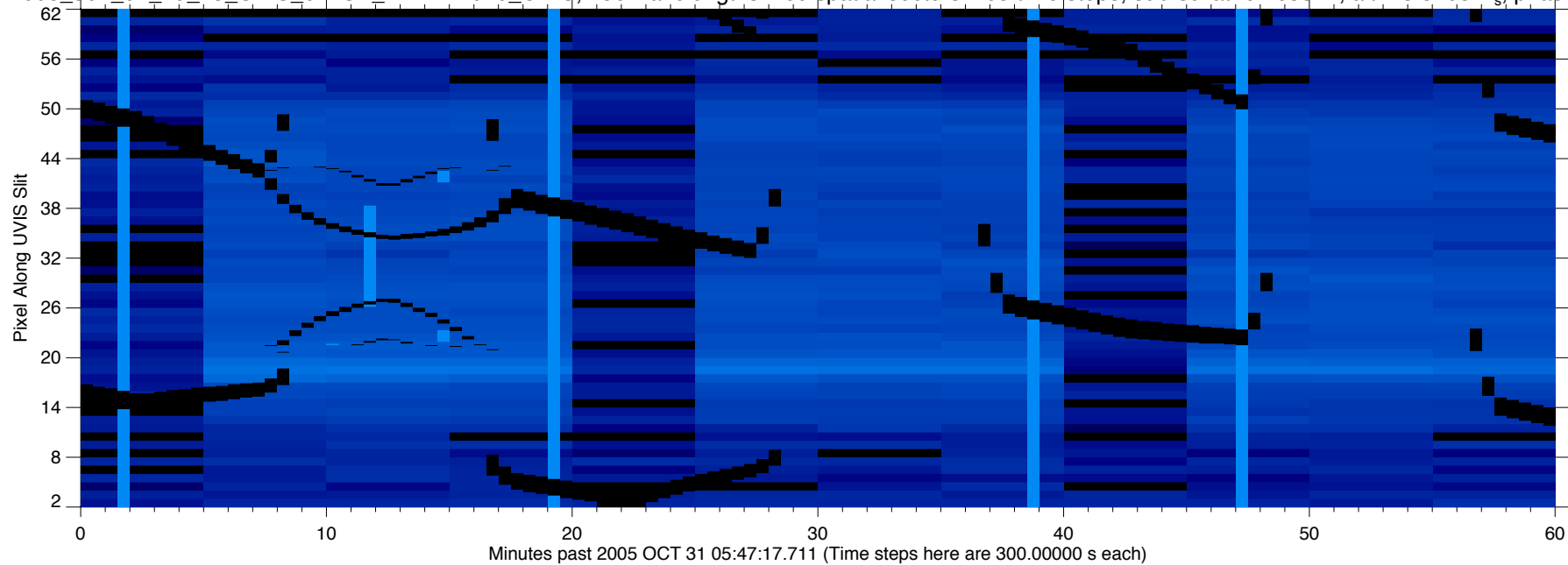
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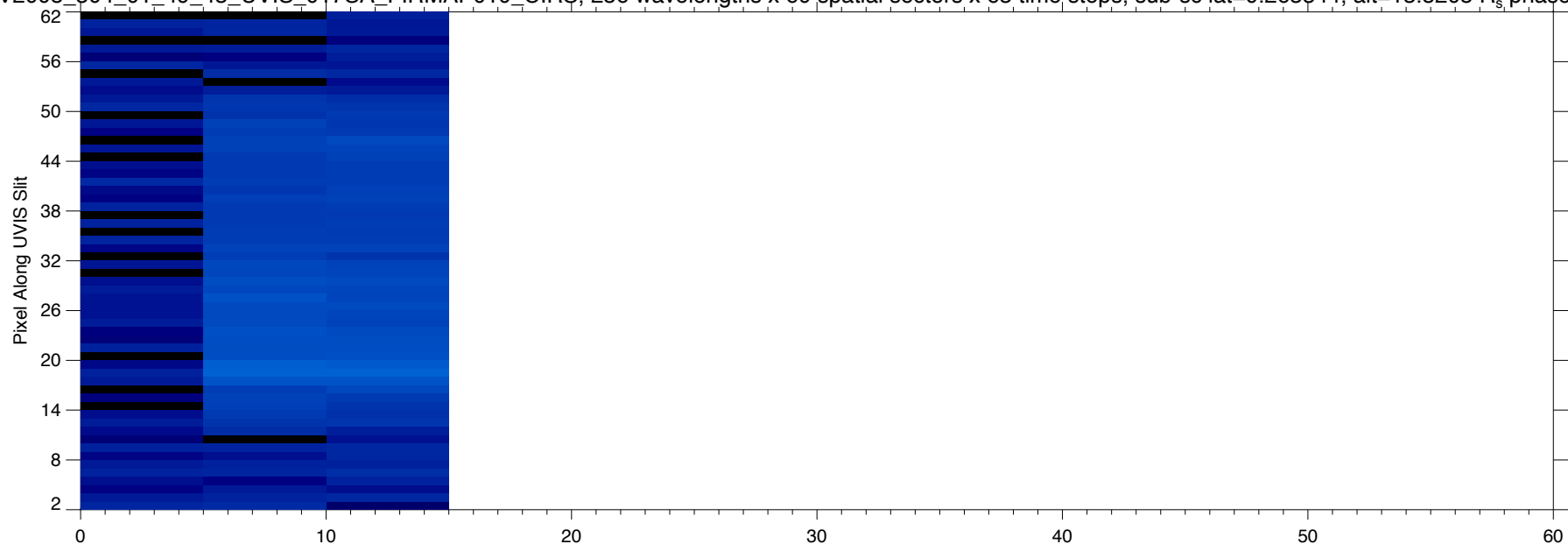
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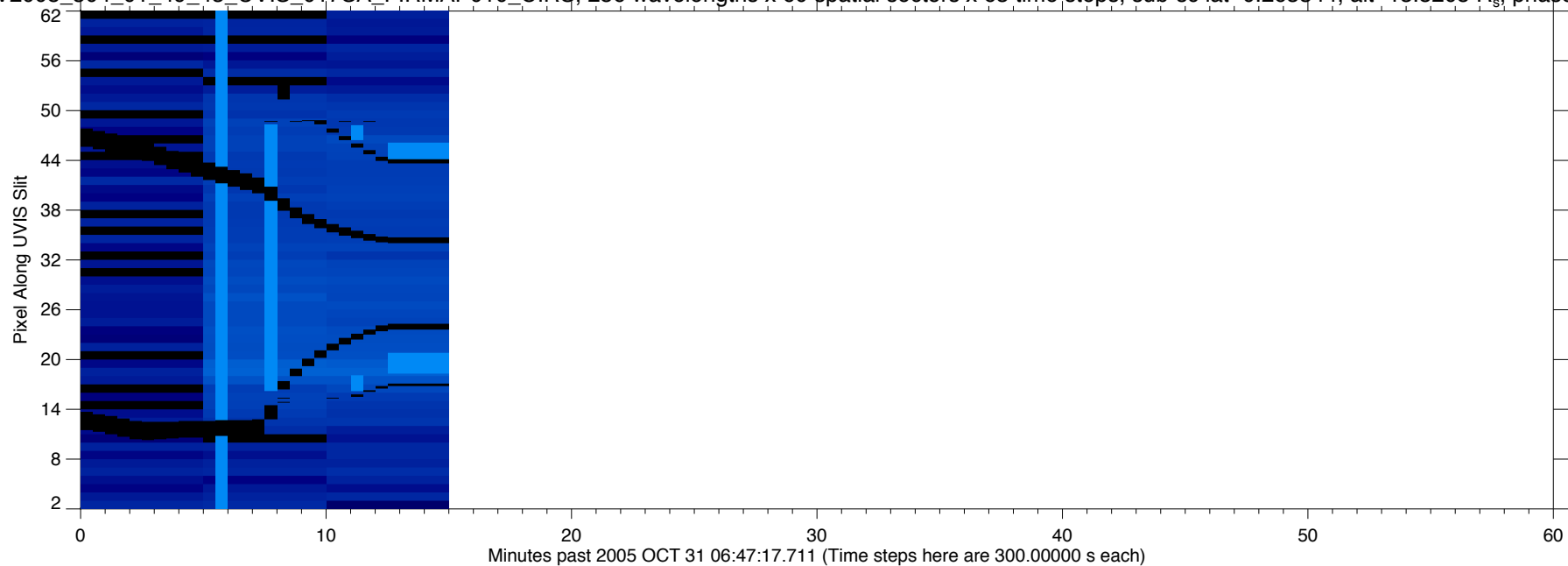
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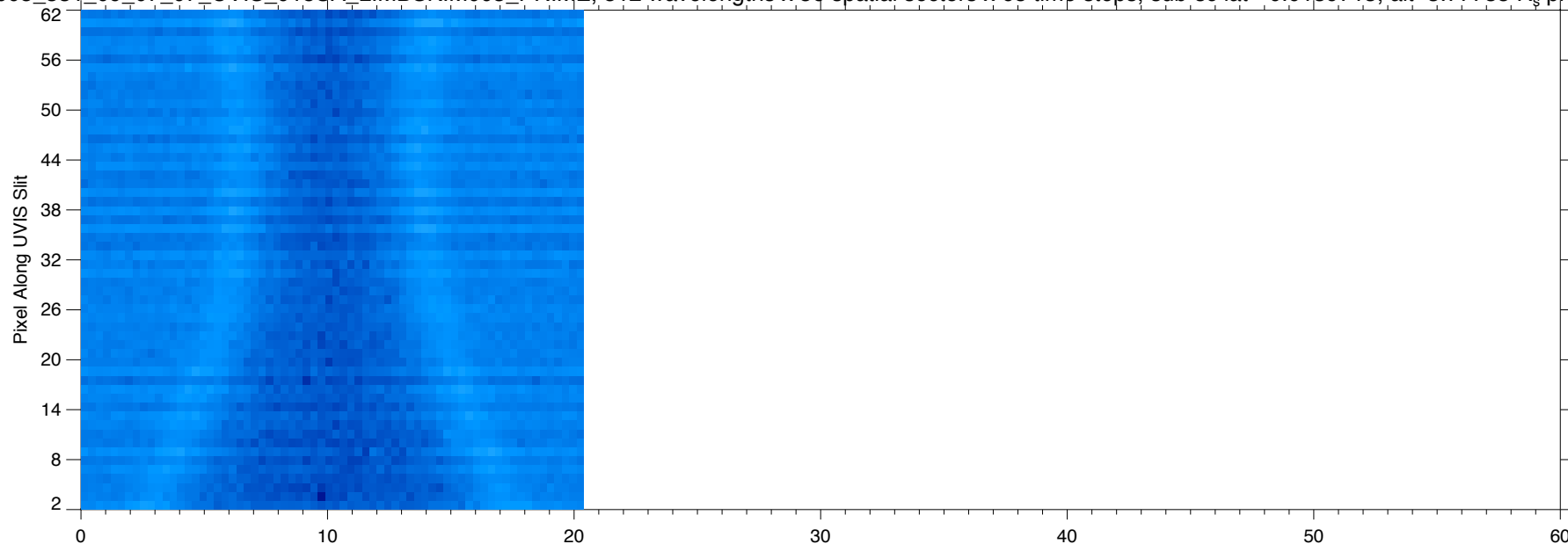
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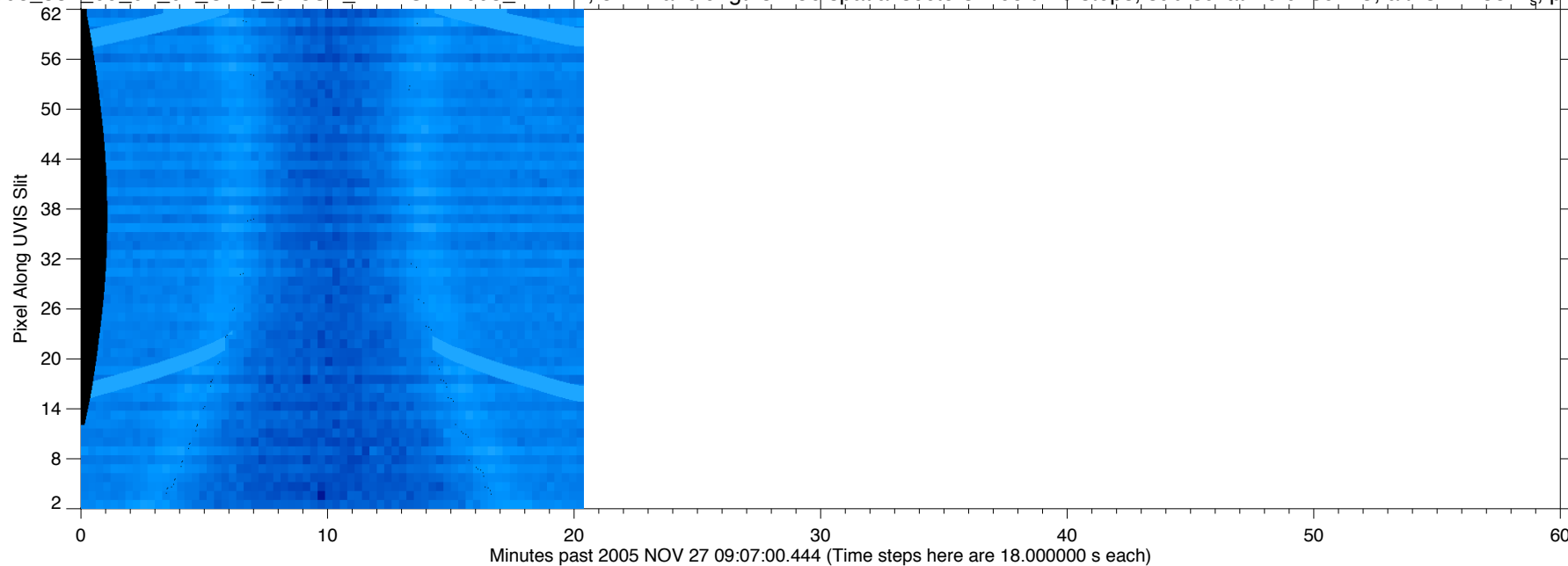
FUV2005_304_01_49_43_UVIS_017SA_FIRMAP010_CIRS, 256 wavelengths x 60 spatial sectors x 63 time steps, sub-sc lat=0.263344, alt=13.5205 R_s, phase=143.079



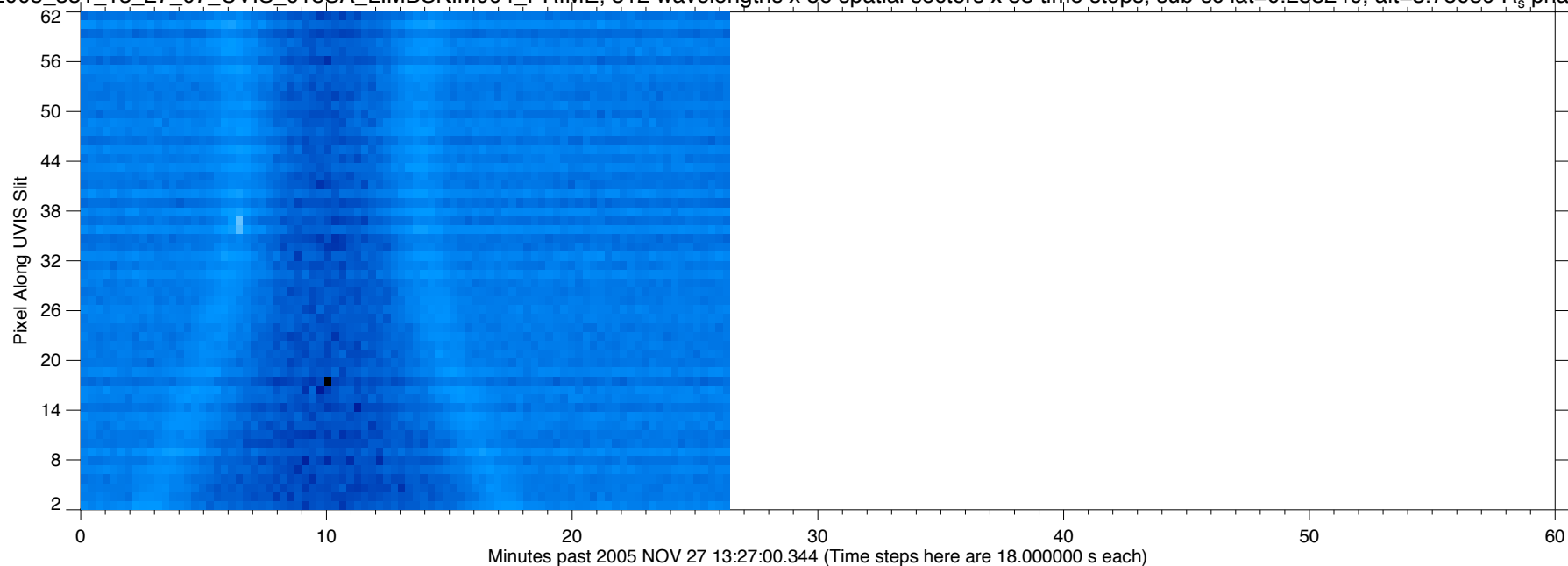
FUV2005_331_09_07_07_UVIS_018SA_LIMBSKIM003_PRIME, 512 wavelengths x 56 spatial sectors x 68 time steps, sub-sc lat=-0.0139713, alt=3.77735 R_s, phase=67.6134



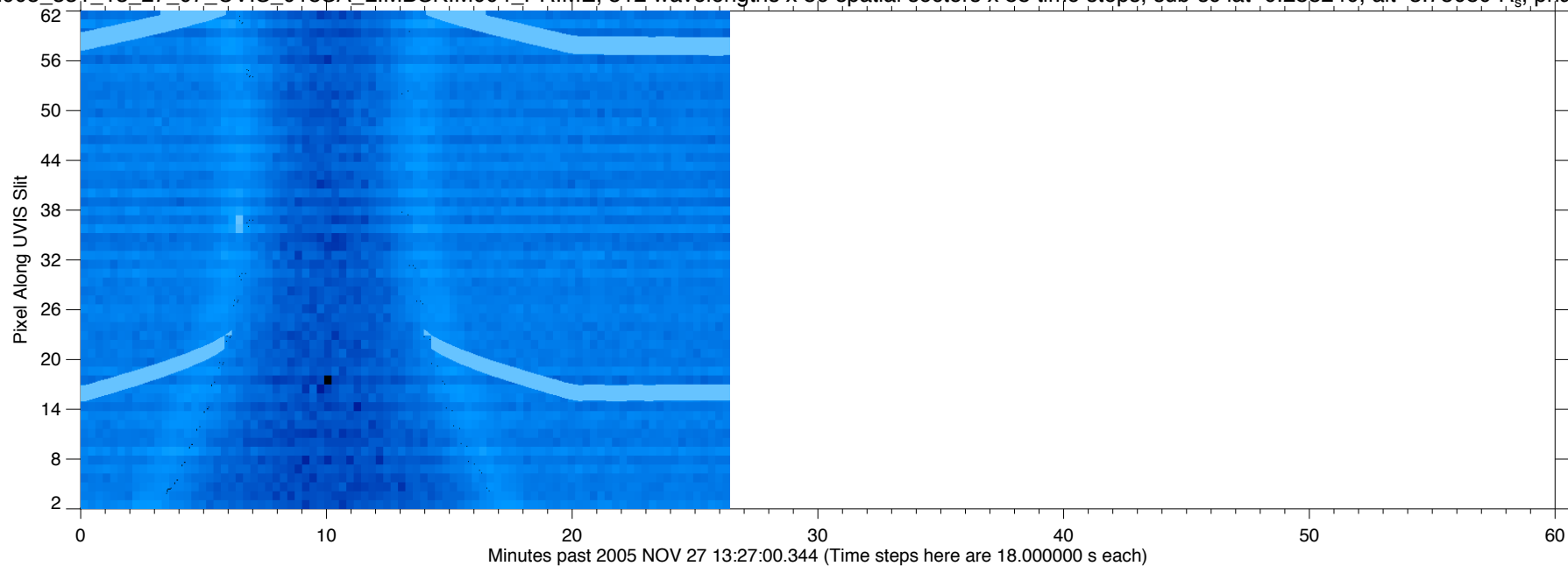
FUV2005_331_09_07_07_UVIS_018SA_LIMBSKIM003_PRIME, 512 wavelengths x 56 spatial sectors x 68 time steps, sub-sc lat=-0.0139713, alt=3.77735 R_s, phase=67.6134



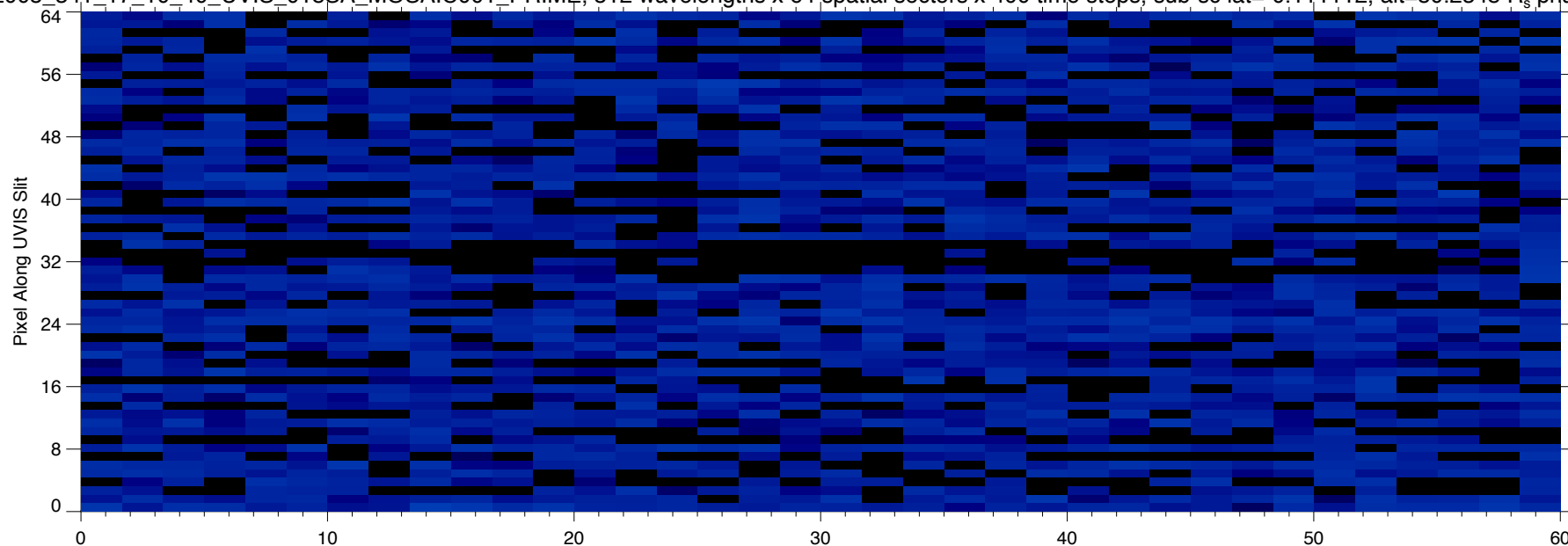
FUV2005_331_13_27_07_UVIS_018SA_LIMBSKIM004_PRIME, 512 wavelengths x 56 spatial sectors x 88 time steps, sub-sc lat=0.288240, alt=3.75080 R_s, phase=114.674



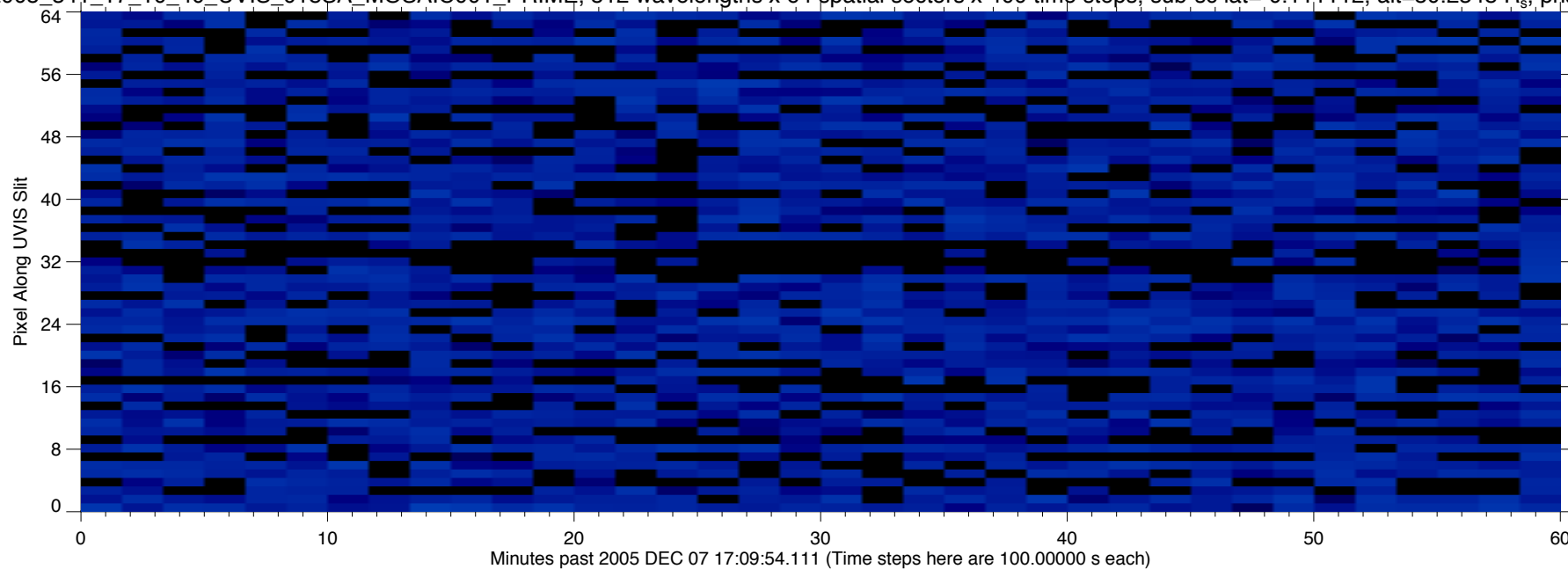
FUV2005_331_13_27_07_UVIS_018SA_LIMBSKIM004_PRIME, 512 wavelengths x 56 spatial sectors x 88 time steps, sub-sc lat=0.288240, alt=3.75080 R_s, phase=114.674



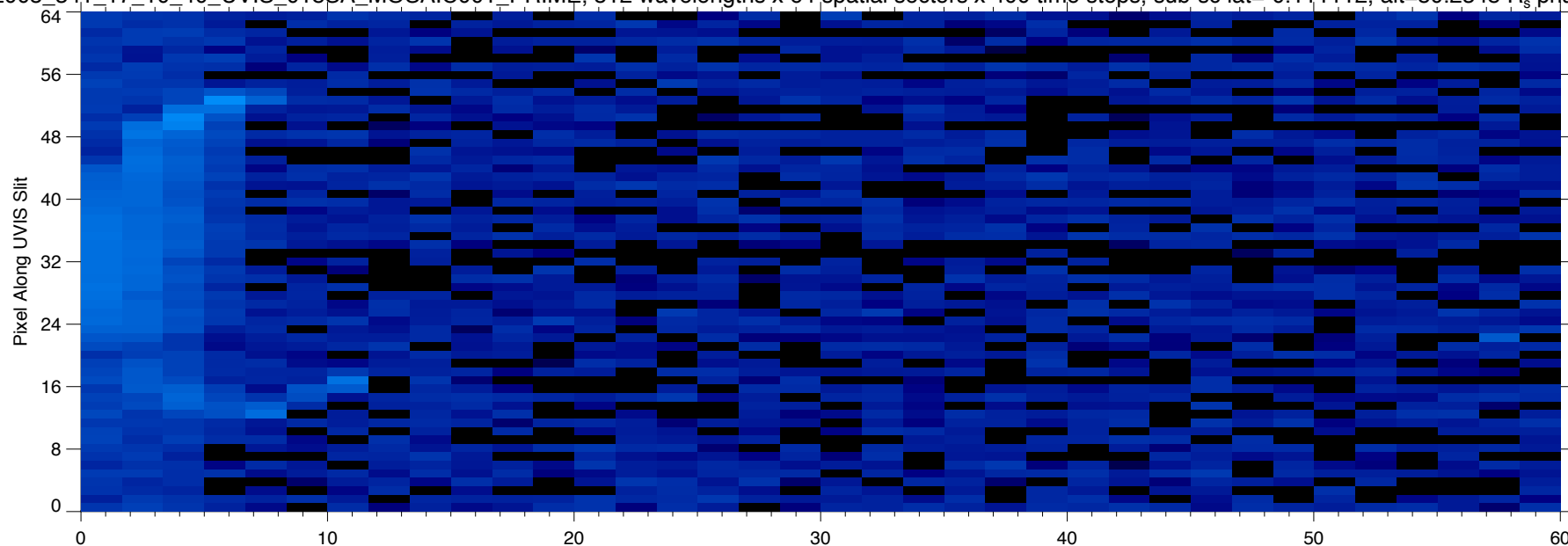
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457

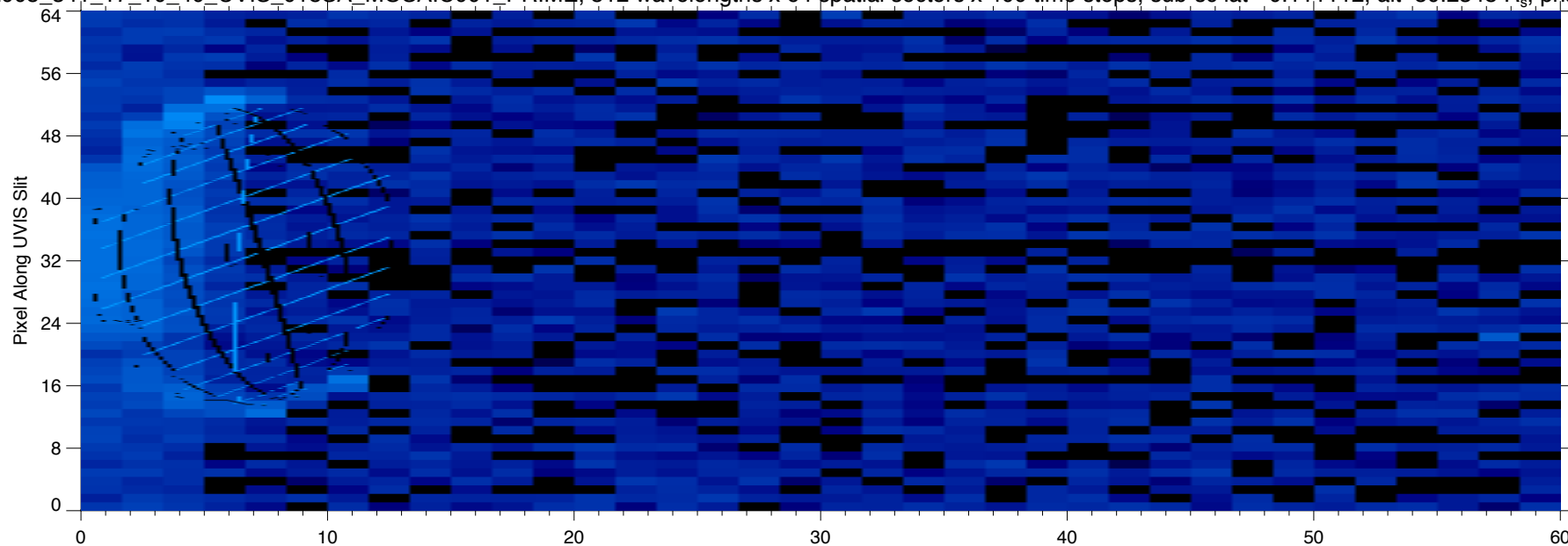


FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



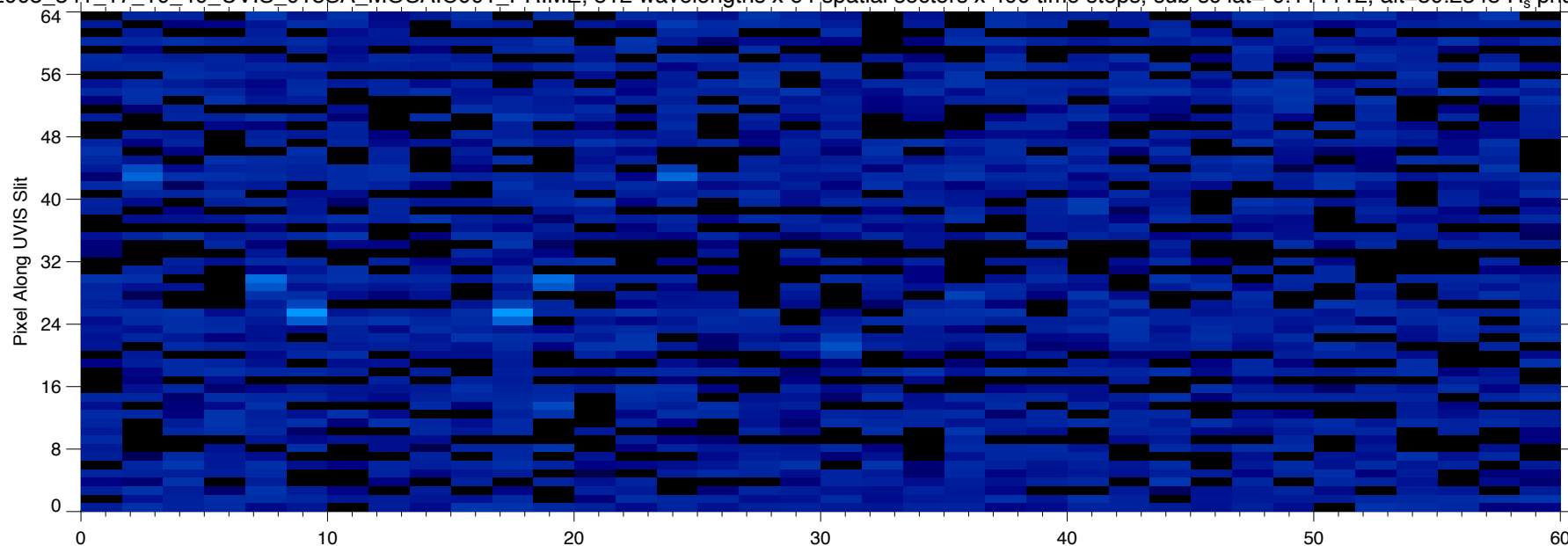
Minutes past 2005 DEC 07 18:09:54.111 (Time steps here are 100.00000 s each)

FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457

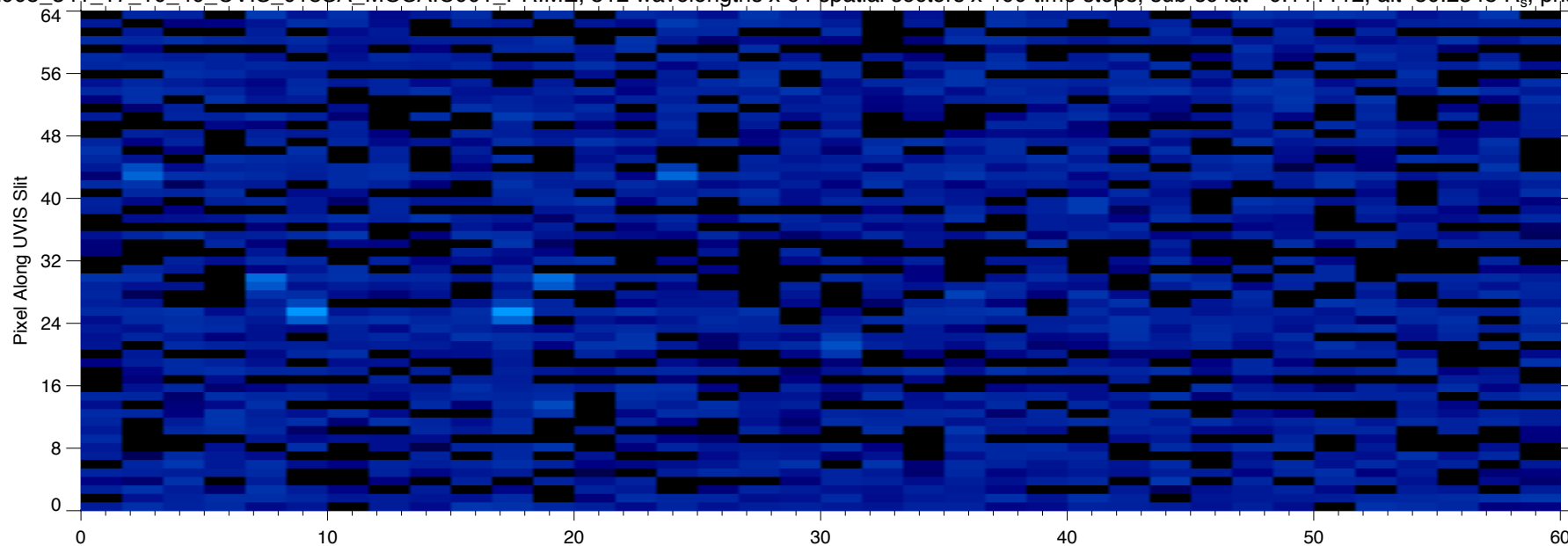


Minutes past 2005 DEC 07 18:09:54.111 (Time steps here are 100.00000 s each)

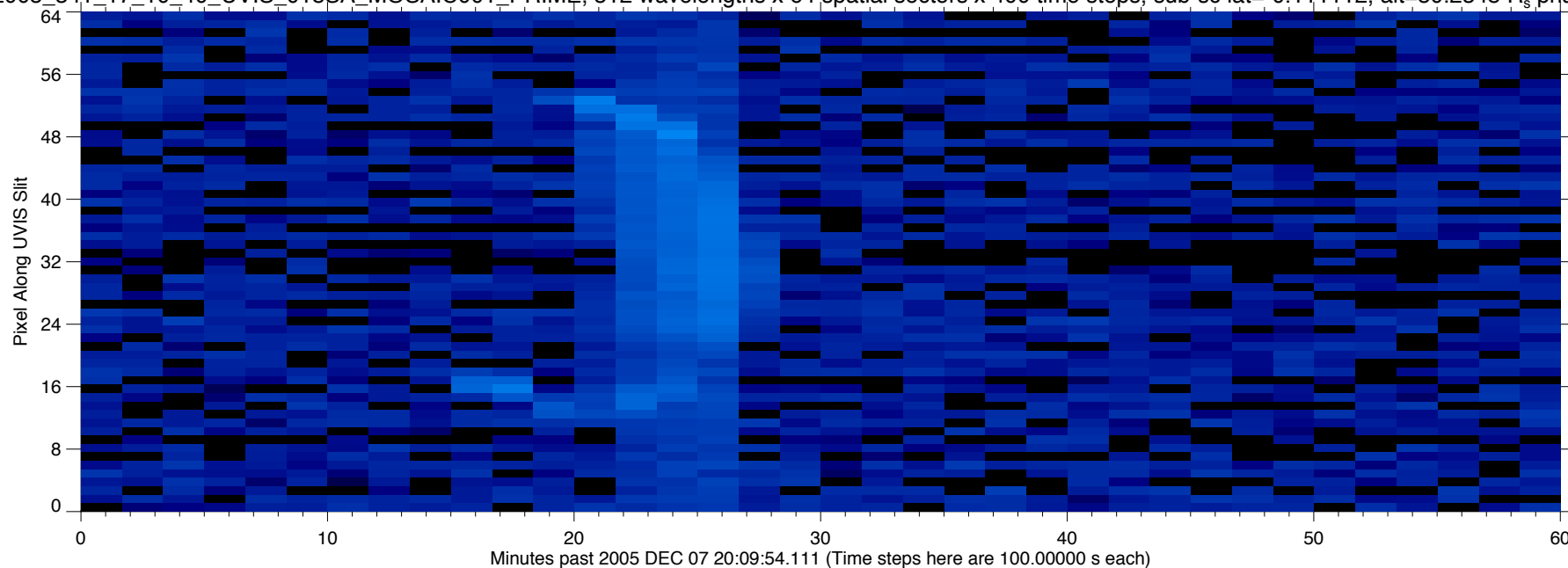
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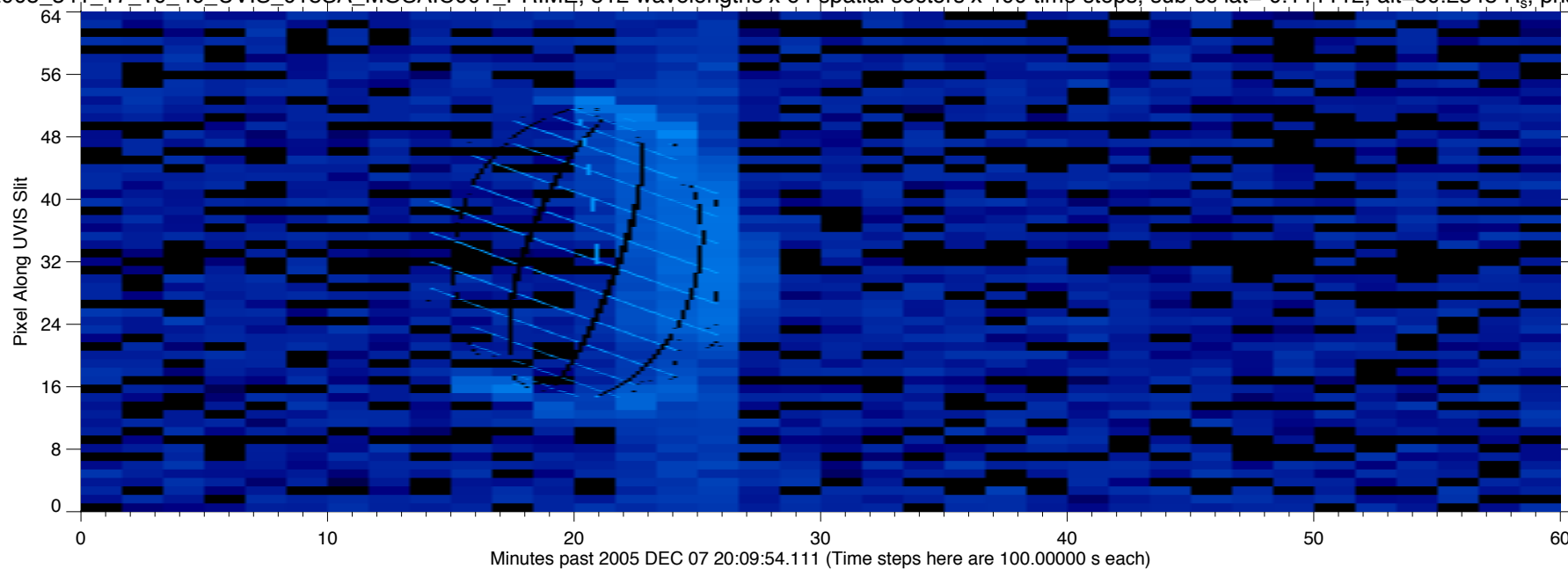
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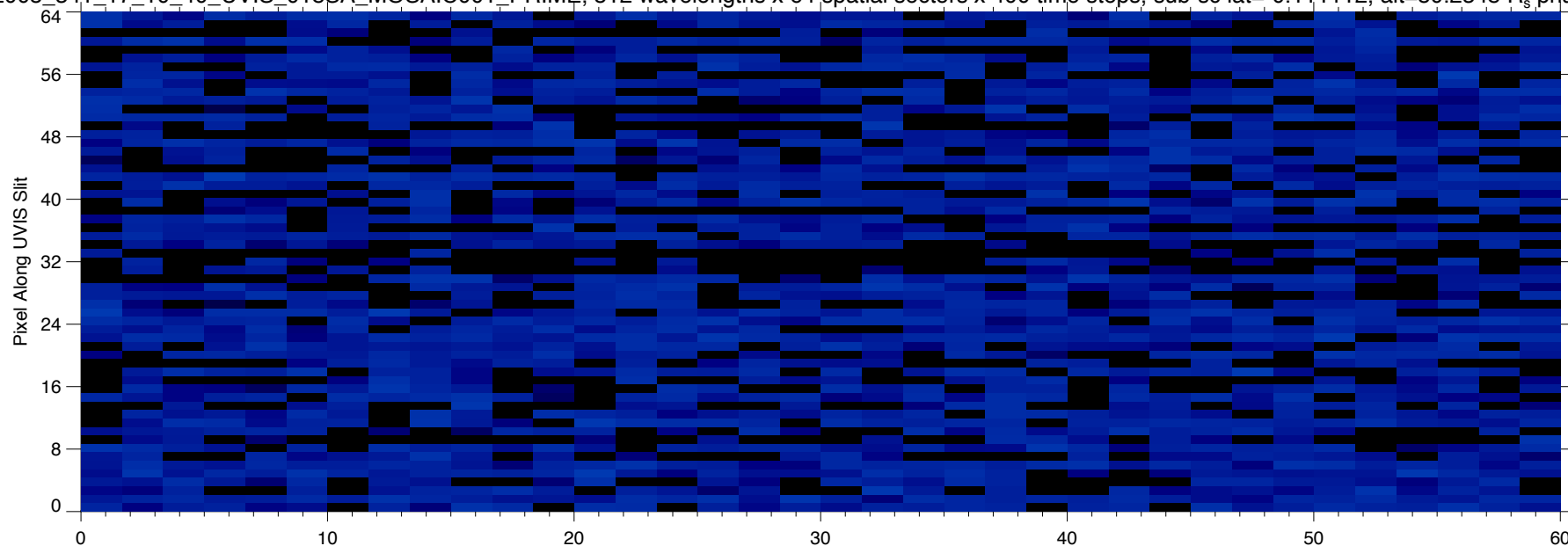
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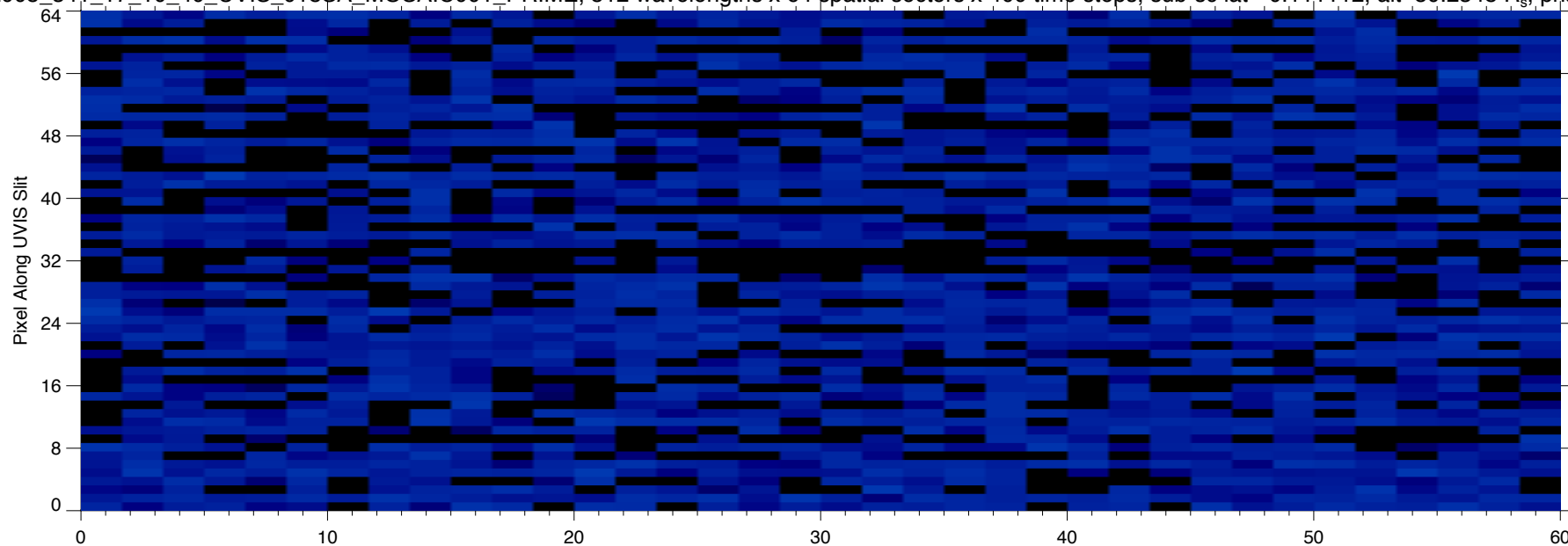
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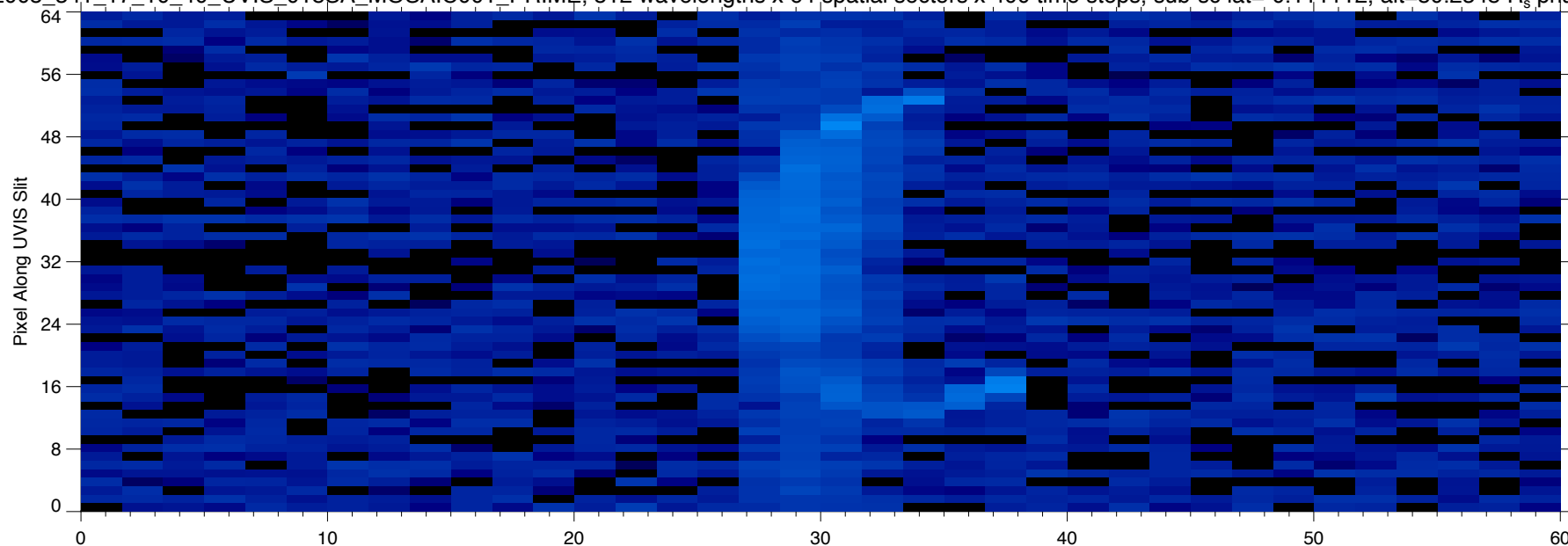
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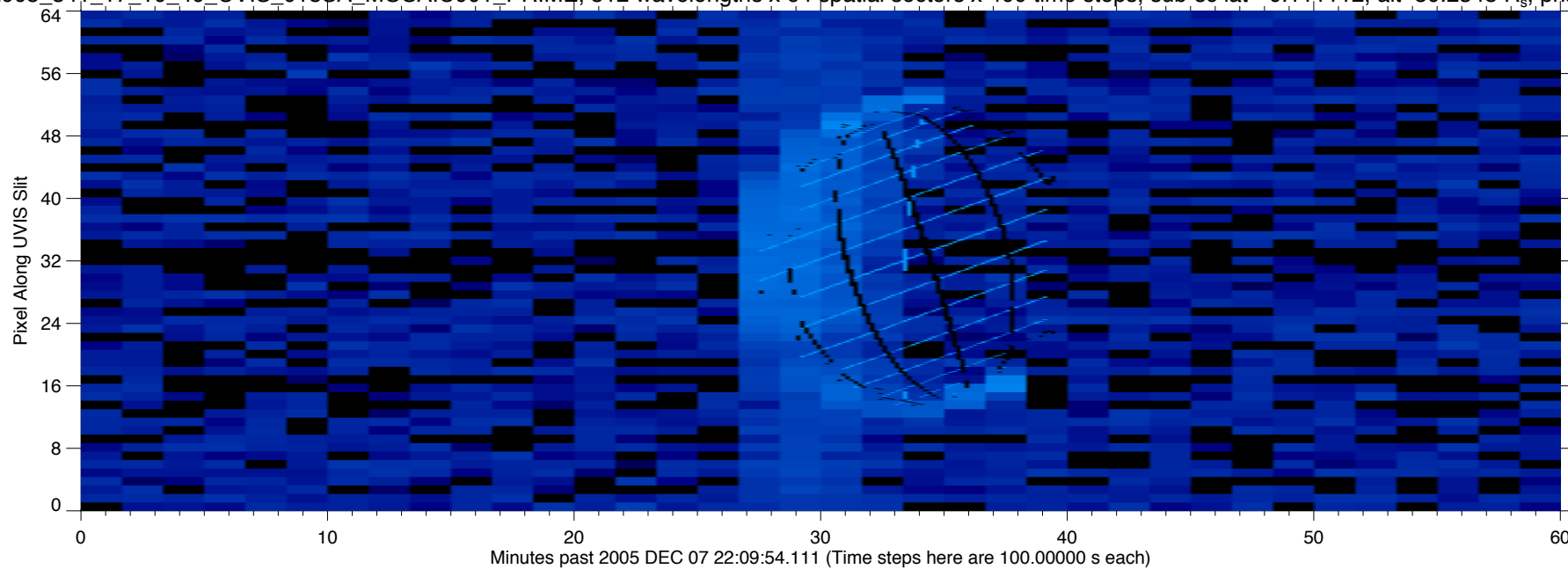
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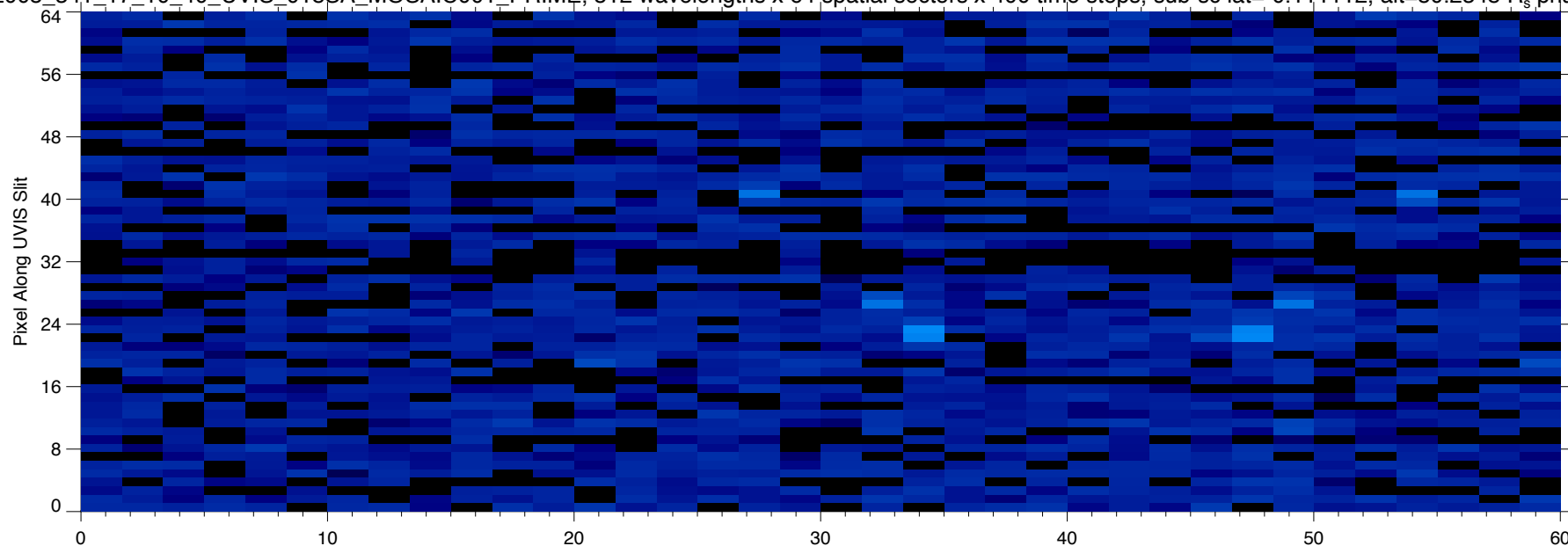
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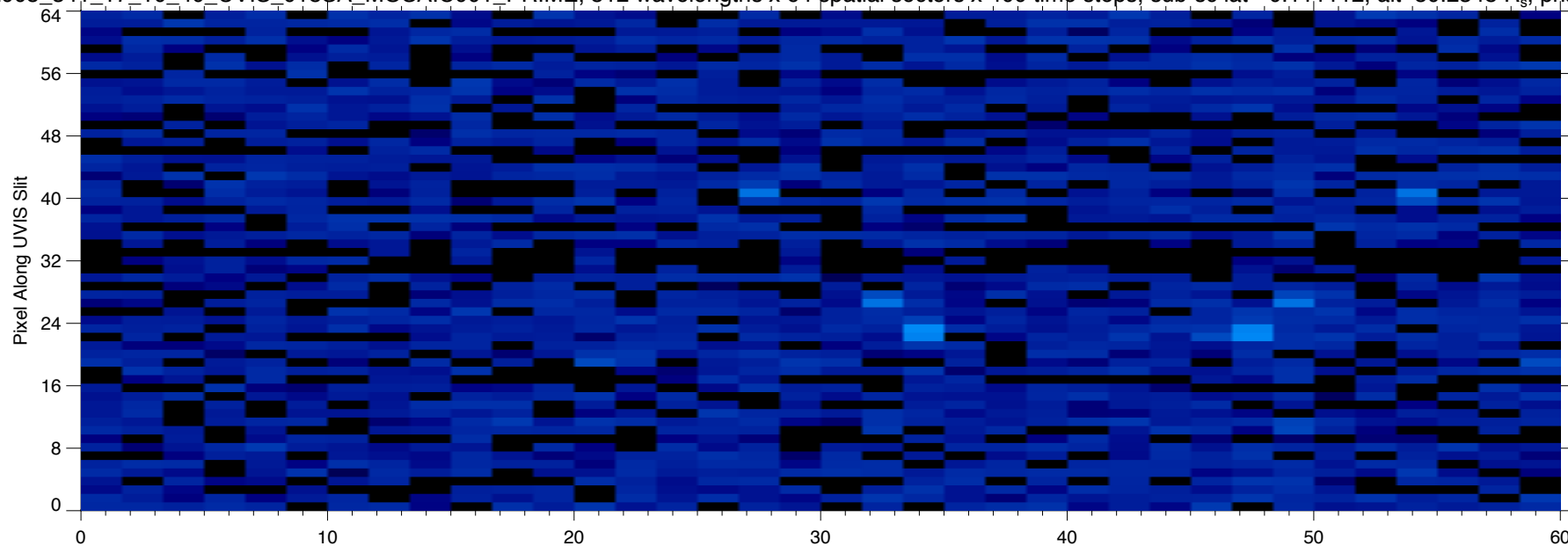
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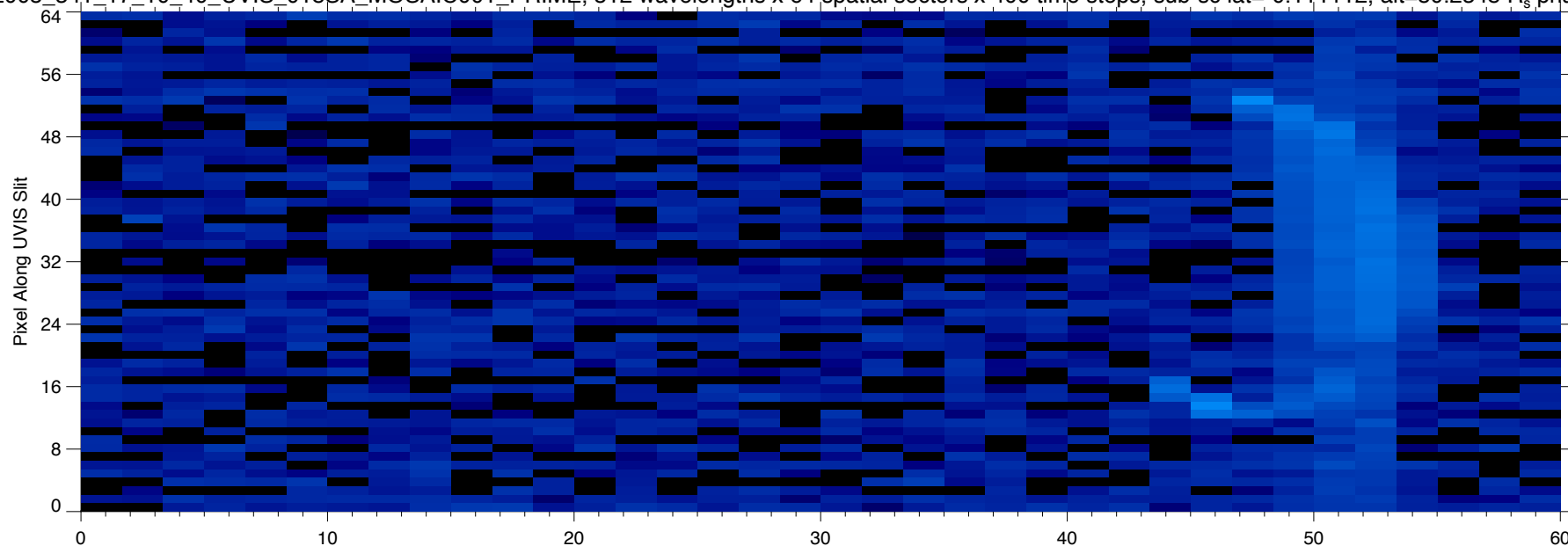
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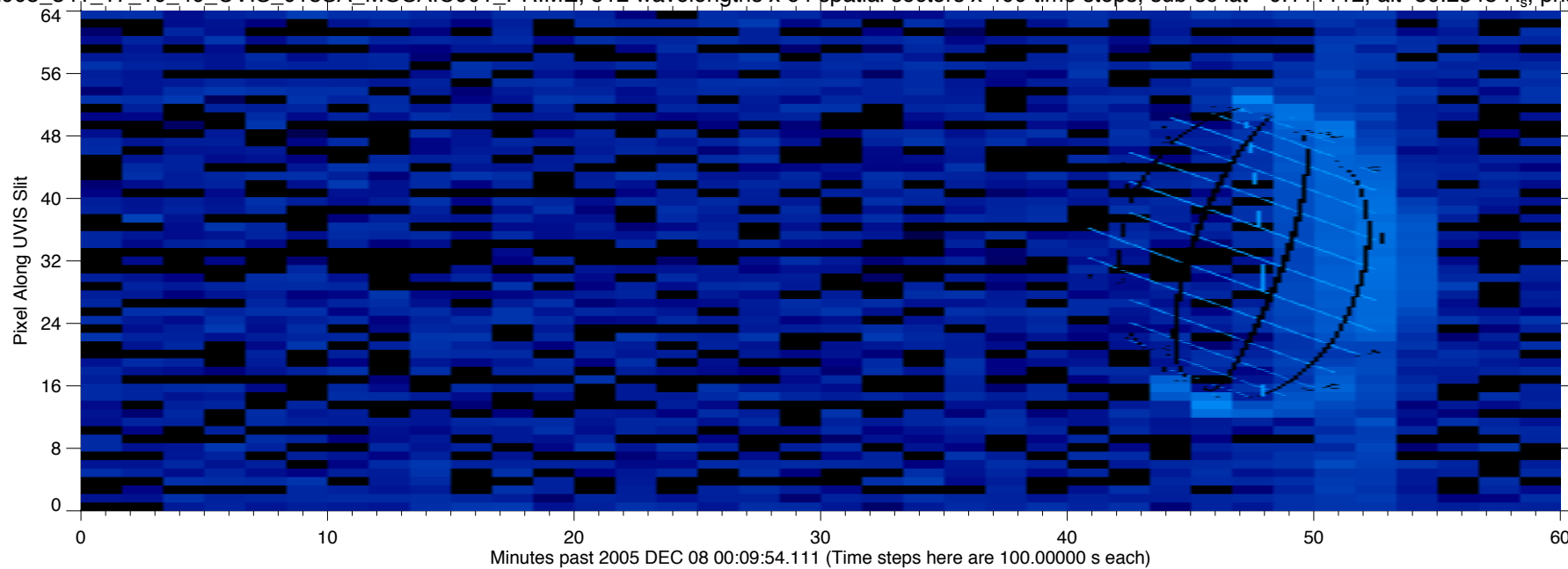
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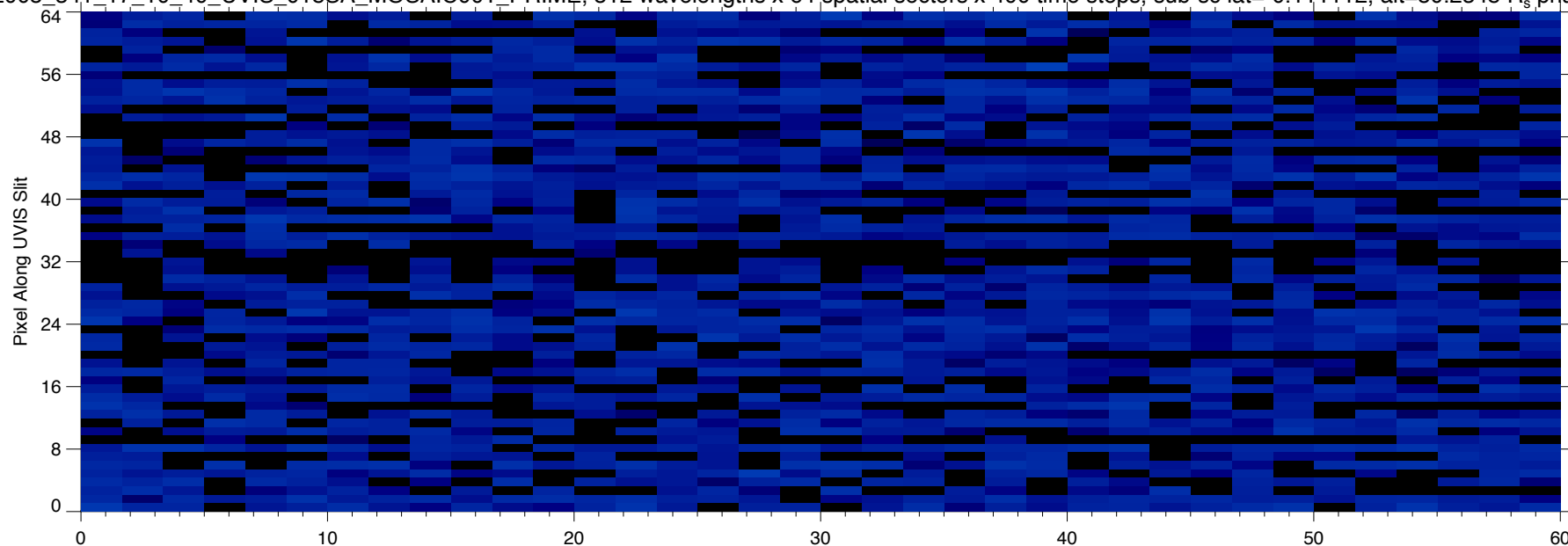
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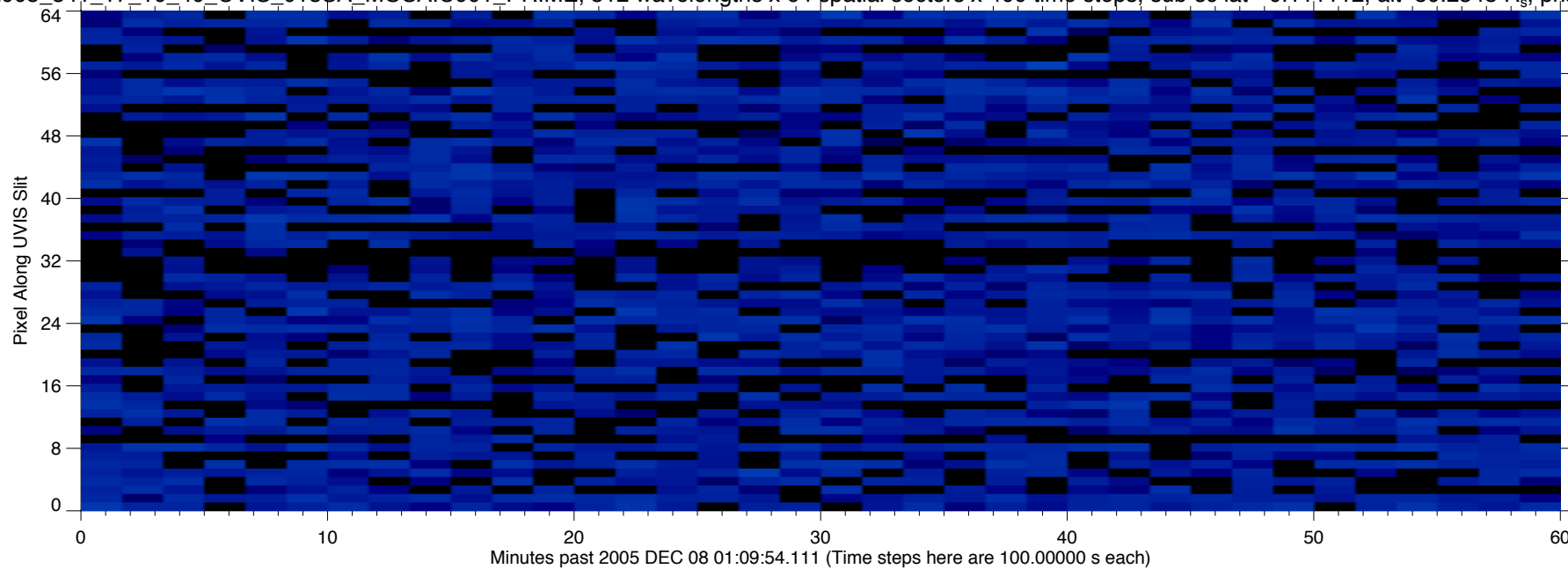
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



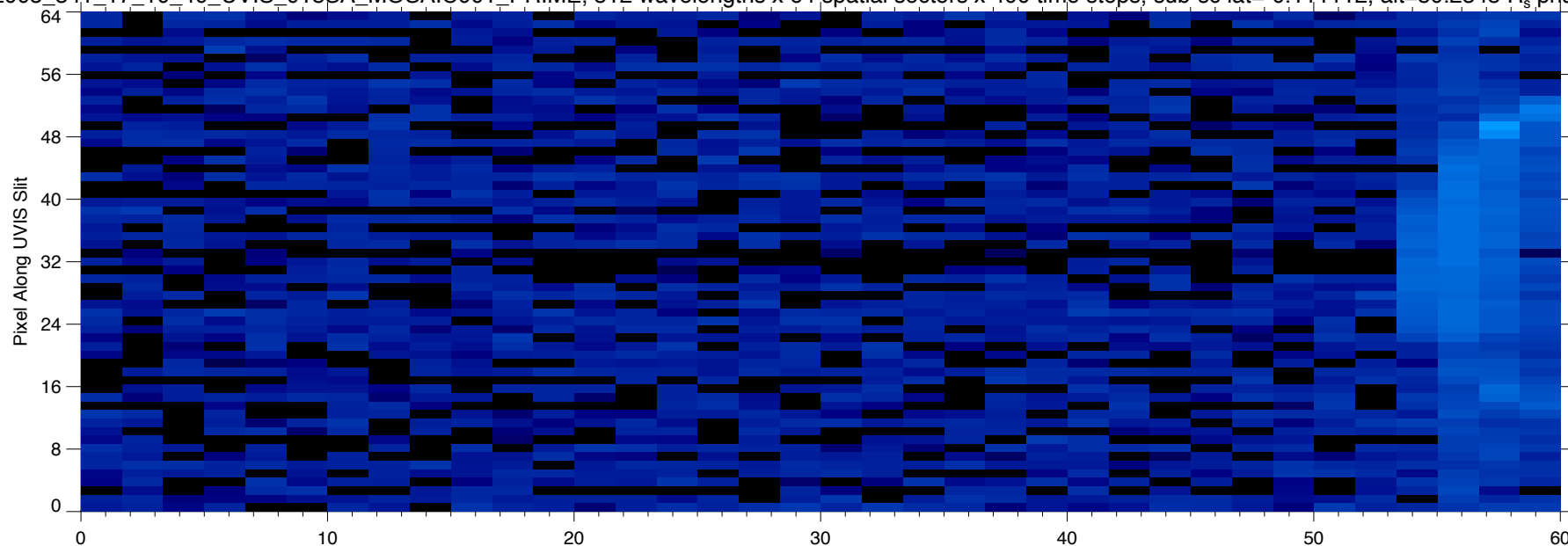
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



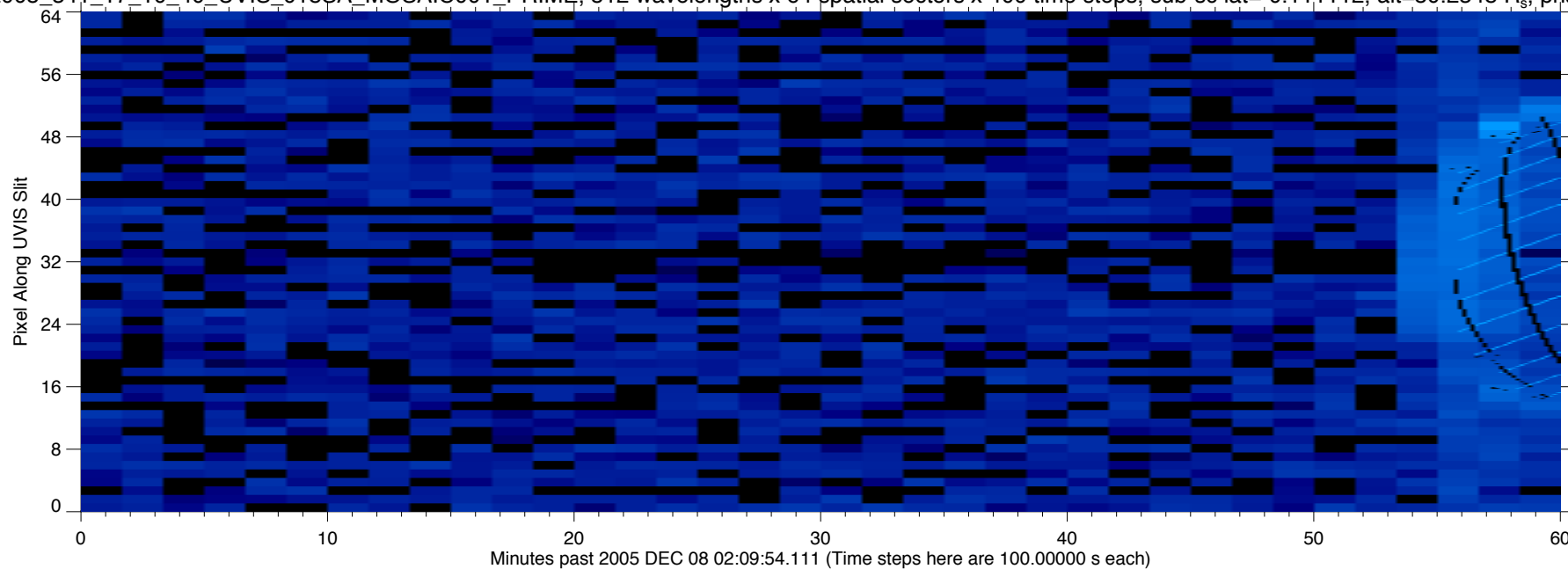
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



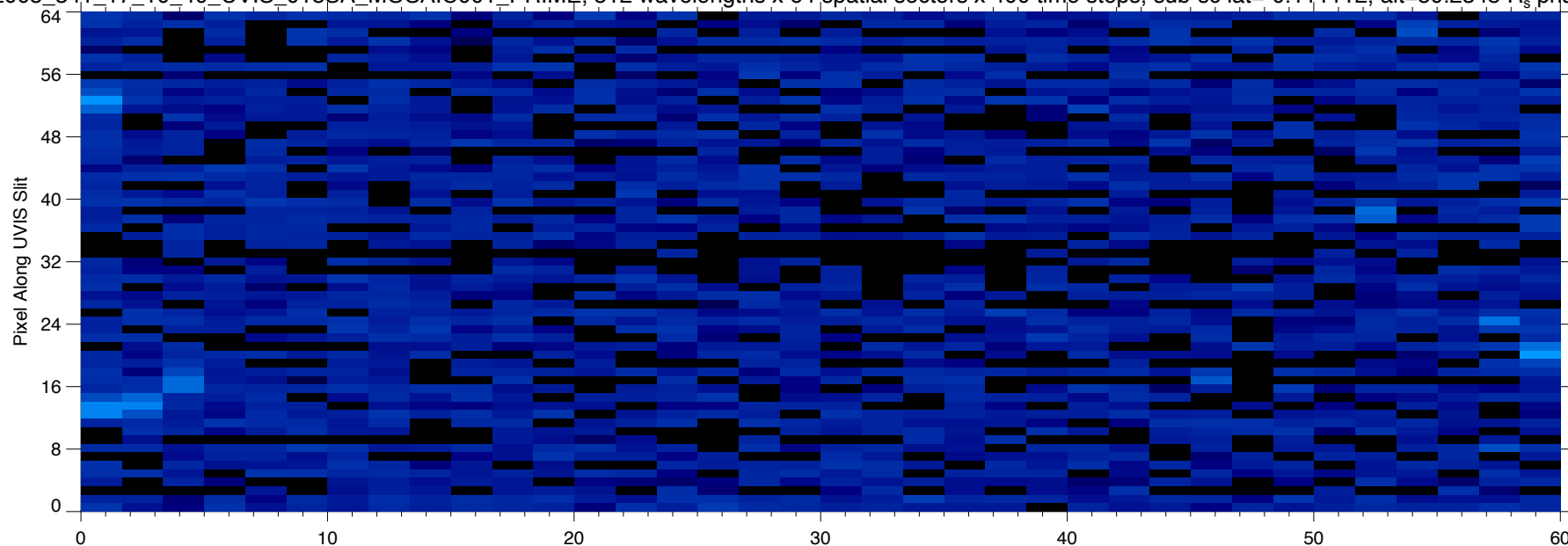
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



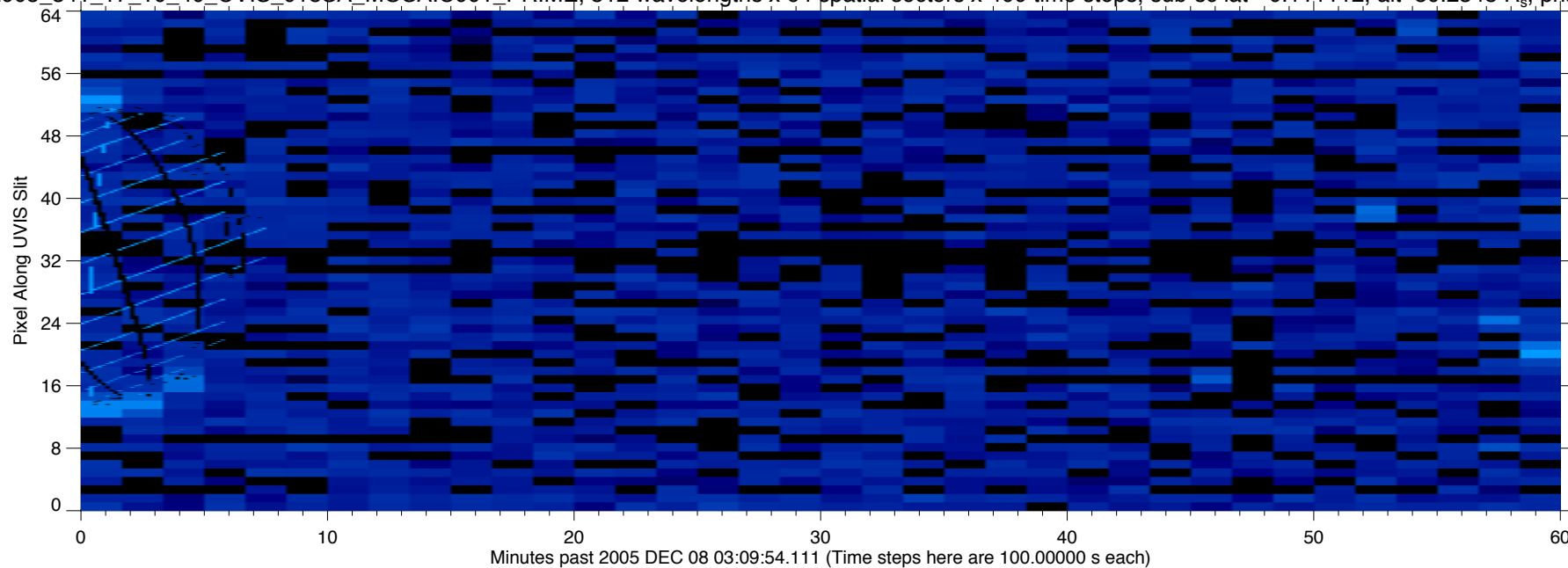
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



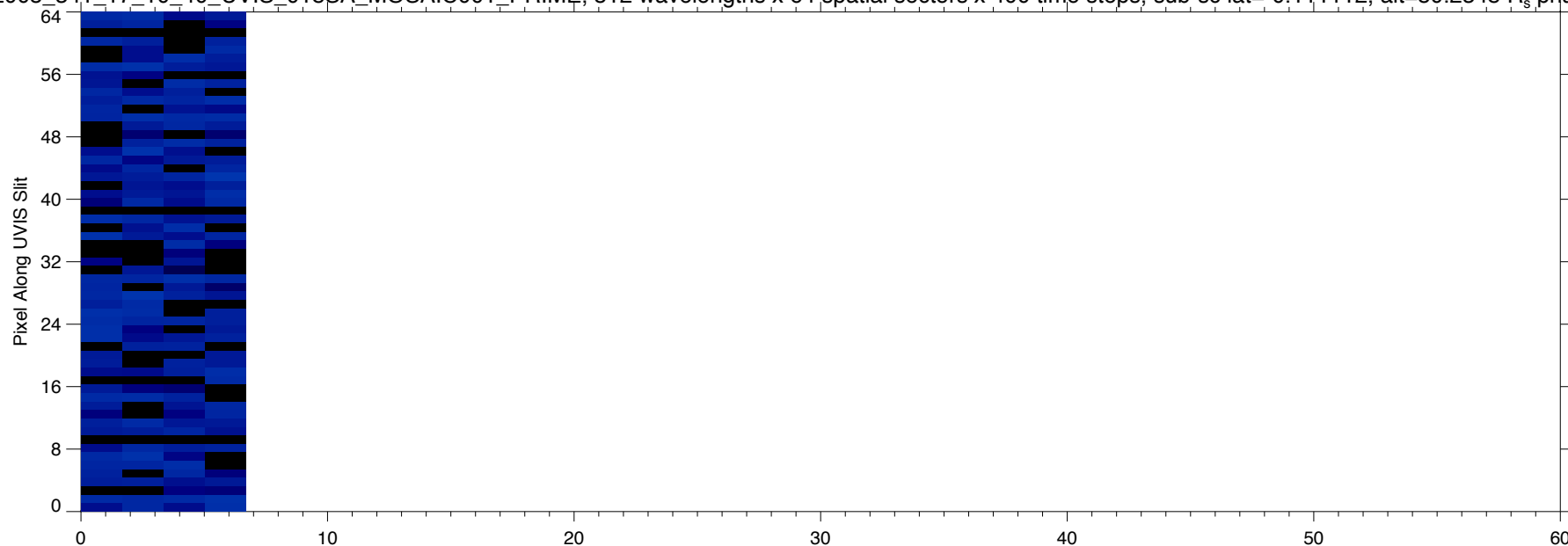
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



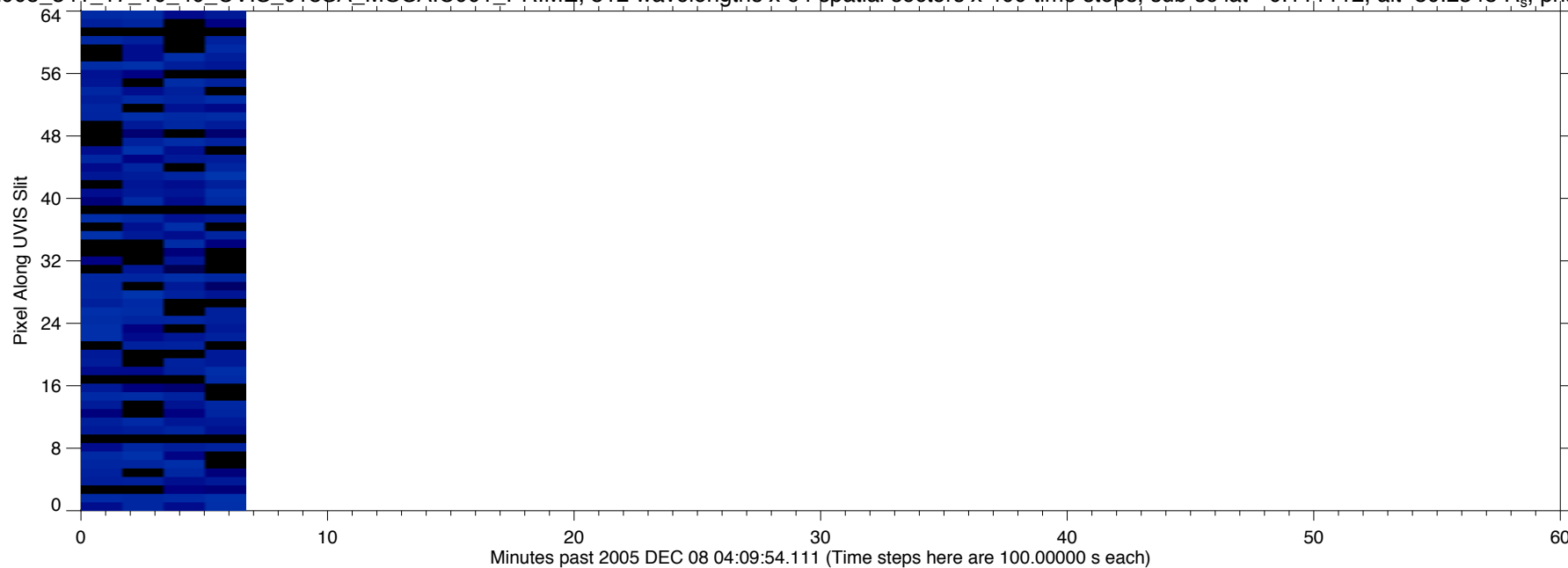
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



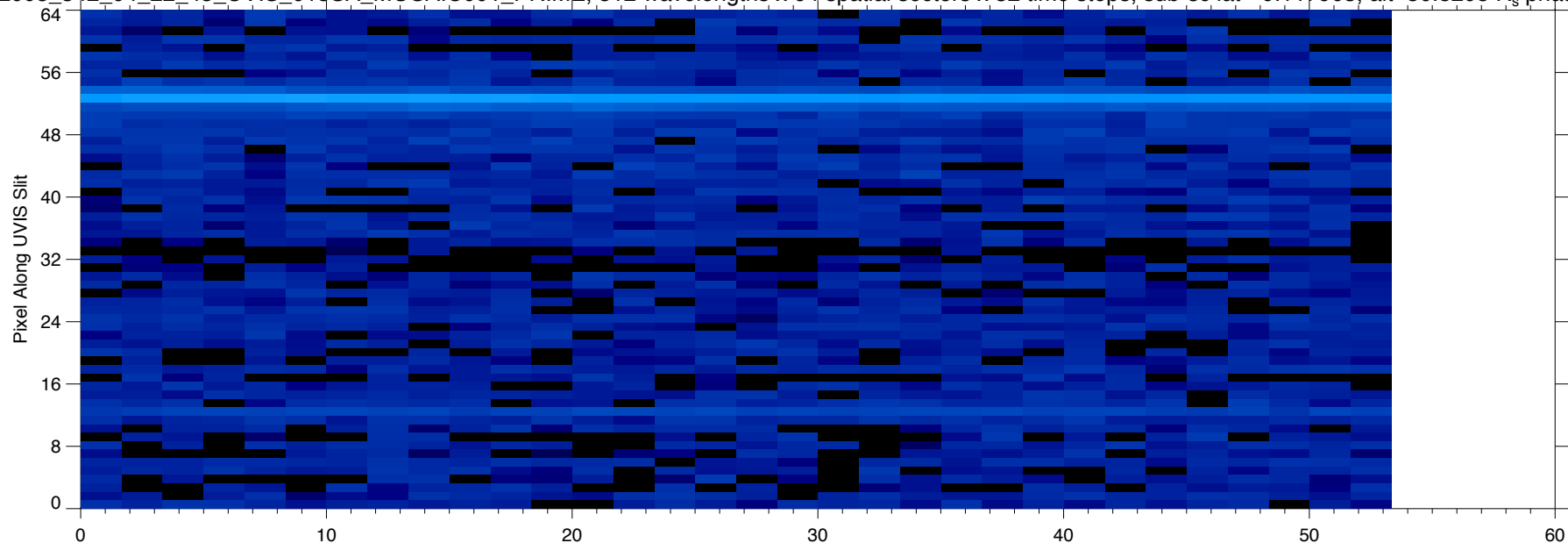
FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



FUV2005_341_17_10_40_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 400 time steps, sub-sc lat=-0.111112, alt=50.2348 R_s, phase=95.4457



FUV2005_342_04_22_45_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 32 time steps, sub-sc lat=-0.117903, alt=50.8208 R_s phase=94.4706



FUV2005_342_04_22_45_UVIS_018SA_MOSAIC001_PRIME, 512 wavelengths x 64 spatial sectors x 32 time steps, sub-sc lat=-0.117903, alt=50.8208 R_s, phase=94.4706

