Errors found:  
  
Uploading some test fits files

Unable to ingest oee525o8q\_raw.fits: Failed to ingest oee525o8q\_raw.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 4 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 7 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).

Failed to ingest oblh02040\_x1d.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'WAVELENGTH' uses unsupported spectral unit 'Angstroms' (CTYPE1=None).; HDU 2 (BinTableHDU): FITS table column 'WAVELENGTH' uses unsupported spectral unit 'Angstroms' (CTYPE1=None).

Failed to ingest o4de03060\_x1d.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'WAVELENGTH' uses unsupported spectral unit 'Angstroms' (CTYPE1=None).

Failed to ingest tess2019112060037-s0011-0000000388857263-0143-s\_lc.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'TIME' uses unsupported spectral unit 'BJD - 2457000, days' (CTYPE1=None).; HDU 2 (ImageHDU): Unable to convert image axis values from WCS unit 'deg' to nm.

Failed to ingest tess2019140104343-s0012-0000000388857263-0144-s\_lc.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'TIME' uses unsupported spectral unit 'BJD - 2457000, days' (CTYPE1=None).; HDU 2 (ImageHDU): Unable to convert image axis values from WCS unit 'deg' to nm.

Failed to ingest tess2021118034608-s0038-0000000388857263-0209-a\_fast-lc.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'TIME' uses unsupported spectral unit 'BJD - 2457000, days' (CTYPE1=None).; HDU 2 (ImageHDU): Unable to convert image axis values from WCS unit 'deg' to nm.

Failed to ingest tess2021118034608-s0038-0000000388857263-0209-s\_lc.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'TIME' uses unsupported spectral unit 'BJD - 2457000, days' (CTYPE1=None).; HDU 2 (ImageHDU): Unable to convert image axis values from WCS unit 'deg' to nm.

WARNING: FITSFixedWarning: 'datfix' made the change 'Set MJD-OBS to 58506.000000 from DATE-OBS'. [astropy.wcs.wcs]

WARNING: FITSFixedWarning: 'unitfix' made the change 'Changed units:

'angstrom' -> 'Angstrom'. [astropy.wcs.wcs]

C:\Code\spectra-app\app\server\ingest\_fits.py:732: RuntimeWarning: cdelt will be ignored since cd is present

"world\_physical\_type": None,

C:\Code\spectra-app\app\server\ingest\_fits.py:733: RuntimeWarning: cdelt will be ignored since cd is present

"ctype": None,

WARNING: FITSFixedWarning: RADECSYS= 'ICRS' /

the RADECSYS keyword is deprecated, use RADESYSa. [astropy.wcs.wcs]

TRYING TO DISPLAY DATA FROM Data Library

Failed to ingest o4de03020\_x1d.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'WAVELENGTH' uses unsupported spectral unit 'Angstroms' (CTYPE1=None).

Failed to ingest oevg11040\_x1d.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'WAVELENGTH' uses unsupported spectral unit 'Angstroms' (CTYPE1=None).; HDU 2 (BinTableHDU): FITS table column 'WAVELENGTH' uses unsupported spectral unit 'Angstroms' (CTYPE1=None).

Failed to ingest ofiu02010\_x1d.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'WAVELENGTH' uses unsupported spectral unit 'Angstroms' (CTYPE1=None).

Unable to ingest oee525010\_jif.fits: Failed to ingest oee525010\_jif.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).

Unable to ingest oee525010\_jit.fits: Failed to ingest oee525010\_jit.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'Seconds' uses unsupported spectral unit 'seconds' (CTYPE1=None).

Unable to ingest hst\_s18sco--0651\_metadata.txt: hst\_s18sco--0651\_metadata.txt contains only 2 samples; expected a spectral table rather than metadata.

Added hst\_s18sco--0651\_aspec (LOCAL)

A graph on a black background

AI-generated content may be incorrect.

Img1

Unable to ingest oee525010\_asn.fits: Failed to ingest oee525010\_asn.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): could not convert string to float: np.str\_('OEE525O9Q ')

Unable to ingest oee525010\_asn.fits: Failed to ingest oee525010\_asn.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): could not convert string to float: np.str\_('OEE525O9Q ')

Unable to ingest oee525010\_jif.fits: Failed to ingest oee525010\_jif.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).

Unable to ingest odta07kaj\_epc.fits: Failed to ingest odta07kaj\_epc.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table column 'TIME' uses unsupported spectral unit 'MJD' (CTYPE1=None).

Added lbiz01i6q\_counts\_a (LOCAL)

A screen shot of a graph

AI-generated content may be incorrect.

Img2

Unable to ingest lbiz01hzj\_jit.fits: Failed to ingest lbiz01hzj\_jit.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table contains no rows for spectral ingestion.

Unable to ingest lbiz01hzj\_jit.fits: Failed to ingest lbiz01hzj\_jit.fits: Unable to ingest FITS content from any HDU. HDU 1 (BinTableHDU): FITS table contains no rows for spectral ingestion.

Unable to ingest u6hg3301m\_c1m.fits: Failed to ingest u6hg3301m\_c1m.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 2 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 3 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 4 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).

Unable to ingest u6hg3301m\_c0m.fits: Failed to ingest u6hg3301m\_c0m.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 2 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 3 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 4 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).

hlsp\_tess-spoc\_tess\_phot\_0000000245873777-s0071\_tess\_v1\_tp.fits [timeseries] no error and no displayed data

hlsp\_qlp\_tess\_ffi\_s0071-0000000245869275\_tess\_v01\_llc.fits [timeseries] clicked overlay for this one, and its been loading for a minute. Maybe its working?   
it would be nice if we could like.. Queue something if its going to be a long download, then be able to interact with our UI while its going. At the moment streamlit makes it so we cant do anything..

A screenshot of a computer

AI-generated content may be incorrect.

Img3

But the lil loading screen guy is goin.

Tried to pick WASP-18 and:

No curated MAST spectra found for this target.

went to check cmd and saw this, dunno what its from exactly

the RADECSYS keyword is deprecated, use RADESYSa. [astropy.wcs.wcs]

WARNING: FITSFixedWarning: The WCS transformation has more axes (3) than the image it is associated with (2) [astropy.wcs.wcs]

WARNING: FITSFixedWarning: 'datfix' made the change 'Set MJD-OBS to 55596.000000 from DATE-OBS'. [astropy.wcs.wcs]

WARNING: FITSFixedWarning: 'unitfix' made the change 'Changed units:

'angstrom' -> 'Angstrom'. [astropy.wcs.wcs]

Clicked on jw02961002001\_03102\_00001-seg001\_mirimage\_calints.fits [timeseries] overlay for WASP 121

And it didn’t work, no error.

Unable to ingest jw02961002001\_03102\_00001-seg001\_mirimage\_calints.fits: Failed to ingest jw02961002001\_03102\_00001-seg001\_mirimage\_calints.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 2 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 3 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 4 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 5 (BinTableHDU): FITS table column 'integration\_number' does not advertise a spectral axis (CTYPE1=None).; HDU 6 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 7 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 8 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 9 (BinTableHDU): FITS table must contain at least two columns for wavelength and flux

Unable to ingest jw02961002001\_03102\_00001-seg001\_mirimage\_rate.fits: Failed to ingest jw02961002001\_03102\_00001-seg001\_mirimage\_rate.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 2 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 3 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 4 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 5 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 6 (BinTableHDU): FITS table must contain at least two columns for wavelength and flux

Unable to ingest jw02961002001\_02101\_00001-seg001\_mirimage\_cal.fits: Failed to ingest jw02961002001\_02101\_00001-seg001\_mirimage\_cal.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): Unable to convert image axis values from WCS unit 'deg' to nm.; HDU 2 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 3 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 4 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 5 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 6 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 7 (BinTableHDU): FITS table must contain at least two columns for wavelength and flux

Unable to ingest jw02961002001\_02101\_00001-seg001\_mirimage\_rate.fits: Failed to ingest jw02961002001\_02101\_00001-seg001\_mirimage\_rate.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): Unable to convert image axis values from WCS unit 'deg' to nm.; HDU 2 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 3 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 4 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 5 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1=None, CUNIT1=None).; HDU 6 (BinTableHDU): FITS table must contain at least two columns for wavelength and flux

Unable to ingest hst\_cd-383220b--5965\_metadata.txt: hst\_cd-383220b--5965\_metadata.txt contains only 2 samples; expected a spectral table rather than metadata.

Unable to ingest oeoo32yoq\_raw.fits: Failed to ingest oeoo32yoq\_raw.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 4 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 7 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).

Unable to ingest idm002roq\_flt\_hlet.fits: Failed to ingest idm002roq\_flt\_hlet.fits: No array data found in FITS file.

Unable to ingest odung2jfq\_raw.fits: Failed to ingest odung2jfq\_raw.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).

Docs & provenenace still displays:

v1.1.9 adds reliable Target catalog overlays: buttons use unique keys, ledger lock respects confirmation flows, and queued spectra ingest directly into the overlay workspace.

Idk why that’s still in there.

A screenshot of a computer

AI-generated content may be incorrect.

Img4

(opens a broken and old version of examples with error:

Unable to ingest idm002roq\_ima.fits: Failed to ingest idm002roq\_ima.fits: Unable to ingest FITS content from any HDU. HDU 1 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 2 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 3 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 6 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 7 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 8 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 11 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 12 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 13 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 16 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 17 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 18 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 21 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 22 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 23 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 26 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 27 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 28 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 31 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 32 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 33 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 36 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 37 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 38 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 41 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 42 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 43 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 46 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 47 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 48 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 51 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 52 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 53 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 56 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 57 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 58 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 61 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 62 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 63 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 66 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 67 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 68 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 71 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 72 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 73 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 76 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 77 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None).; HDU 78 (ImageHDU): FITS image HDU does not describe a spectral axis (CTYPE1='RA---TAN', CUNIT1=None). )

A screenshot of a computer

AI-generated content may be incorrect.

Img 5

Example browser is the first interactable and it has this info:

The widget with key "example\_browser\_provider\_filter" was created with a default value but also had its value set via the Session State API.

Providers

DOI

ESOMASTSDSS

**SDSS J234828.73+164429.3 • BOSS**

Provider: SDSS

High S/N F-type spectrum from SDSS DR17 (Abdurro'uf et al. 2022).

**Sirius A • HST/STIS (CALSPEC)**

Provider: MAST

CALSPEC flux standard from Bohlin et al. 2014 (MAST).

**Sz 71 • VLT/X-Shooter UVB**

Provider: ESO

PENELLOPE UVB spectrum from Manara et al. 2023 (ESO Zenodo record 10024073).

**VHS 1256-1257 b • X-Shooter**

Provider: DOI

Substellar companion spectrum via DOI 10.5281/zenodo.6829330 (Petrus et al. 2022).

where there is a small graph for each data set.  
we can take this example browser out honestly.   
When we do want to use examples, we can rework it.  
or if we can just rework it so it shows the choices from the

Right now the lay out of the data library tab is all over the place.

It goes as follows:

Data library

Browse curated examples, target manifests, line catalogs, and upload policies from a single workspace panel.

Example

Example Browser

Search examples

Providers

4 examples from above

Browse example library

Quick add

Sirius A • HST/STIS (CALSPEC)

CALSPEC flux standard from Bohlin et al. 2014 (MAST).

Mark favourites in the browser to pin them here.

Load an example or fetch from an archive to begin.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Target catalog -> 1st table with

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 0 | Vega | 0 | TRUE | FALSE | Vega: unknown type | tags: calibrator, A0V, nearby, HLSP, CALSPEC, ASTRAL |
| 1 | Sirius A | 0 | TRUE | FALSE | Sirius A: unknown type | tags: calibrator, A1V, nearby, HLSP, CALSPEC |
| 2 | G191-B2B | 0 | TRUE | FALSE | G191-B2B: unknown type | tags: calibrator, DA white dwarf, HLSP, CALSPEC |
| …. Cont |  |  |  |  |  |

Because right now… the way we do it is

-> pick target (which is below the target catalog table)

Select target from drop down

It updates this text:  
"

**WASP-121** — WASP-121: unknown type | tags: host, ultra-hot

Showing 12 curated MAST observations from 1683 total results."

**MAST spectra**

jw02961002001\_03102\_00001-seg001\_mirimage\_calints.fits [timeseries] (overlay button)

jw02961002001\_03102\_00001-seg001\_mirimage\_rate.fits [timeseries] (overlay button)

… cont

Showing first 22 of 291 MAST products.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Line catalogs**

NIST ASD lines

Element or spectrum

Lower λ (nm)

Upper λ (nm)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Duplicate handling**

Session policy

Skip duplicates (session)

Allow duplicates

Duplicates will follow the selected session policy.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**0** overlays • viewport auto – auto • reference: — • session dedupe

**More cmd line stuff, dunno when its from**

WARNING: FITSFixedWarning: 'datfix' made the change 'Set MJD-OBS to 58506.000000 from DATE-OBS'. [astropy.wcs.wcs]

WARNING: FITSFixedWarning: 'unitfix' made the change 'Changed units:

'angstrom' -> 'Angstrom'. [astropy.wcs.wcs]

C:\Code\spectra-app\app\server\ingest\_fits.py:732: RuntimeWarning: cdelt will be ignored since cd is present

"world\_physical\_type": None,

C:\Code\spectra-app\app\server\ingest\_fits.py:733: RuntimeWarning: cdelt will be ignored since cd is present

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WARNING: FITSFixedWarning: RADECSYS= 'ICRS' /

the RADECSYS keyword is deprecated, use RADESYSa. [astropy.wcs.wcs]

WARNING: FITSFixedWarning: The WCS transformation has more axes (3) than the image it is associated with (2) [astropy.wcs.wcs]

WARNING: FITSFixedWarning: 'datfix' made the change 'Set MJD-OBS to 55596.000000 from DATE-OBS'. [astropy.wcs.wcs]

WARNING: FITSFixedWarning: 'unitfix' made the change 'Changed units:

'angstrom' -> 'Angstrom'. [astropy.wcs.wcs]

WARNING: FITSFixedWarning: 'datfix' made the change 'Set DATE-BEG to '2024-04-11T00:52:18.582' from MJD-BEG.

Set DATE-AVG to '2024-04-11T00:52:19.377' from MJD-AVG.

Set DATE-END to '2024-04-11T00:52:20.172' from MJD-END'. [astropy.wcs.wcs]

WARNING: FITSFixedWarning: 'obsfix' made the change 'Set OBSGEO-L to -136.221152 from OBSGEO-[XYZ].

Set OBSGEO-B to -4.306612 from OBSGEO-[XYZ].

Set OBSGEO-H to 1308251532.916 from OBSGEO-[XYZ]'. [astropy.wcs.wcs]

C:\Code\spectra-app\app\server\ingest\_fits.py:732: RuntimeWarning:

cdelt will be ignored since cd is present

C:\Code\spectra-app\app\server\ingest\_fits.py:733: RuntimeWarning:

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WARNING: FITSFixedWarning: 'datfix' made the change 'Set DATE-BEG to '2024-04-11T00:52:18.582' from MJD-BEG.

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Set DATE-END to '2024-04-11T00:52:20.172' from MJD-END'. [astropy.wcs.wcs]

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Set OBSGEO-B to -4.306612 from OBSGEO-[XYZ].

Set OBSGEO-H to 1308251532.916 from OBSGEO-[XYZ]'. [astropy.wcs.wcs]