URL: http://cxc.harvard.edu/ciao3.4/fefplot.html
Last modified: December 2006

AHELP for CIAO 3.4

fefplot

Context: sherpa

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Synopsis

Plots an instrument response stored in a Fits Embedded Function (FEF) file that is read in via FEFFILE.

Syntax

```
sherpa> FEFPLOT {<photon_energy> | <photon_wavelength>}

where {<photon_energy> | <photon_wavelength>} must be in the same units
that are used for photon energies in the FEF file (conventionally, keV
or Angstroms).
```

Example

Read in part of a FEF file and plot the response as a function of counts−space energy, at photon energy 2.4 keV:

```
sherpa> FEFFILE "data/fef_response.fits[function][ccd_id=0,chipx>=1,chipx<=256,chipy>=1,chipy<=3
sherpa> FEFPLOT 2.4
```

The appearance of the plot may be subsequently altered using ChIPS commands such as:

```
sherpa> LIMITS X 0 3
sherpa> REDRAW
```

Bugs

See the Sherpa bug pages online for an up−to−date listing of known bugs.

See Also

sherpa

close, cplot, getx, gety, image, lplot, open, oplot, ploty, splot

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