Chandra X-ray Center

AHELP for CIAO 3.4   **get_flux_str**   Context: sherpa

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Synopsis

Retrieves a default structure for use with get_pflux(), etc.

Syntax

```
Struct_Type get_flux_str()
```

Description

The output of get_flux_str(), a structure, can be used as input to get_pflux() and get_bpflux(). One would retrieve this default structure, modify its field values, and pass it to get_pflux() et al. See the example below.

Example

Define a structure foo and use it to compute the flux between 2 and 10 keV:

```
sherpa> foo = get_flux_str()
sherpa> print(foo)
dataset          =   1
range            =   NULL
comp             =   NULL
sherpa> foo.range = [2,10]
sherpa> print(get_flux(foo).value)
0.000166532
sherpa> print(get_flux(foo).units)
photons/cm**2/s
sherpa> print(get_pflux(,[2,10],"p").value)
0.000166532
```

Bugs

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

See Also

chandra
> guide

sherpa
> bye, calc_kcorr, dataspace, dcounts, dollarsign, echo, eflux, eqwidth, erase, flux, get, get_dcounts_sum, get_dir, get_eflux, get_eqwidth, get_filename, get_flux2d, get_lfactorial, get_mcounts_sum, get_pflux, get_source_components, get_verbose, groupbycounts, guess, is, journal, list, list_par, mcounts, numbersign, paramest, plot_eprof, plot_rprof, prompt, reset, run, set, set_analysis, set_axes, set_coord, set_dataspace, set_dir, set_verbose, setplot, sherpa–module, sherpa_plotfns, sherpa_utils, show, simspec, use, version

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See Also