



AHELP for CIAO 3.4

get_flux_str

Context: [sherpa](#)*Jump to:* [Description](#) [Example](#) [Bugs](#) [See Also](#)

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**get_flux_str*

Ahelp: get_flux_str – CIAO 3.4

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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URL:
http://cxc.harvard.edu/ciao3.4/get_flux_str.html
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