Ahelp: xspecxsect – CIAO 3.4



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

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AHELP for CIAO 3.4

xspecxsect

Context: sherpa

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Synopsis

Performs the XSPEC command xsect.

Syntax

```
sherpa> XSPEC XSECT <arg> where <arg> is one of the options listed in the table below.
```

Description

This commands sets the photoelectric cross–section used in XSPEC absorption models. (It does not set the cross–section for xswabs.)

Allowed Arguments

Name	Description
Incme	default value; Balucinska-Church & McCammon (1992, ApJ 400, 699) with a new He cross-section based on (1998, ApJ 496, 1044)
obcm	bcmc with the old He cross-section
vern	Verner et al. (1996, ApJ 465, 487)

Example 1

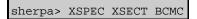
Run the XSPEC command xsect, setting abundances to OBCM:

sherpa> XSPEC XSECT OBCM

Example 2

Reset the cross-section to the default value:

xspecxsect 1



Bugs

For a list of known bugs and issues with the XSPEC models, please visit the XSPEC bugs page.

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