

show: output current program state

List selected information to the user's terminal (and the log file, if open).

Syntax: **show** [<selection>]

where <selection> is a key word to select the information to be printed. If omitted, it is the information last asked for. Initially, the default selection is all. (Note: to better integrate the usage of OGIP type-II files, much of the information given by “show files” in previous versions is now displayed by “show data.”)

Selections are:

```
XSPEC12> show abund
//show current solar abundance table

XSPEC12> show all
//All the information

XSPEC12> show allfile
// All file information = files + noticed + rates

XSPEC12> show control
// XSPEC control information

XSPEC12> show data
// File names, associated coefficients, and net count rates,
// displayed in order of spectrum number. For higher chatter,
// also displays grouping map.

XSPEC12> show free
// Free parameters

XSPEC12> show files
// Equivalent to “show data” but displayed in order of file name.

XSPEC12> show fit
//Fit information

XSPEC12> show model
//The model specification

XSPEC12> show noticed
//Channel ranges noticed for each file.

XSPEC12> show parameters
//All current parameter values (including gain parameters, if any).

XSPEC12> show parameters <par range>
// Show subset of all model parameters given by <par range>,
// e.g. show parameters 1,3,5-8

XSPEC12> show pha
// Current data, error and model values for each channel.
```

```
XSPEC12> show plot
//Current plot settings from setplot command, includes rebinning info.
```

```
XSPEC12> show rates
//Folded model, correction rates for each file.
```

```
XSPEC12> show response
//show responses loaded
```

```
XSPEC12> show rparameters
// All current gain (response) parameters
```

```
XSPEC12> show rparameters <par range>
// Show subset of all gain (response) parameters
```

```
XSPEC12> show xsect
//show description of cross-section table
```