



AHELP for CIAO 3.4

get_analysis

Context: [sherpa](#)

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Synopsis

Module function to retrieve the current analysis setting.

Syntax

```
String_Type get_analysis([Integer_Type])
Error Return Value: NULL
Arguments:
(1) data set number (default 1)
```

Description

The `get_analysis()` function retrieves a string indicating the analysis setting for the specified dataset. The possible return values are "bin" (equivalent to ANALYSIS CHANNELS), "keV" (equivalent to ANALYSIS ENERGY), "Ang" (equivalent to ANALYSIS WAVE), "eV", "MeV", "nm", and "Hz".

Example

```
sherpa> data example.pha
sherpa> instrument = rsp[a](example.rmf,example.arf)
sherpa> get_analysis()
keV
sherpa>
```

Bugs

See the [Sherpa bug pages](#) online for an up-to-date listing of known bugs.

See Also

chandra

[guide](#)

sherpa

[get arf axes](#), [get axes](#), [get coord](#), [get data](#), [get energy axes](#), [get errors](#), [get filter](#), [get filter expr](#), [get fit](#), [get fluxed spectrum](#), [get ftest](#), [get metadata](#), [get photon axes](#), [get photon energy axes](#),

`get_analysis`

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get_photon_wave_axes, get_qvalue, get_raw_axes, get_record, get_source, get_statistic, get_stats,
get_syserrors, get_wave_axes, get_weights, record, save, write

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