URL: http://cxc.harvard.edu/sherpa3.4/bugs/sl_get_net_counts_sum.html
Last modified: 14 February 2007

S−lang−related Bugs: get_net_counts_sum

Bugs

1. ***Incorrect results when multiple datasets are loaded*** ***(14 Feb 2007)***

   When multiple datasets are read in, `get_net_counts_sum` uses the backscale value incorrectly, which leads to the wrong number of counts being returned.

   Workaround:

   Use the following procedure in place of the `get_net_counts_sum` command. In this example, we are finding the net counts for dataset 3.

```
data 1 dat1.pha
data 2 dat2.pha
data 3 dat3.pha
variable foo = get_flux_str();
foo.range = [0.5,10];
foo.dataset = 3;
variable tot= (get_dcounts_sum(foo).value);
variable bgd = (get_bdcounts_sum(foo).value);
variable bscal=(get_backscale(3));
variable bscalebg=(get_bbackscale(3));
variable scale3=(bscal/bscalebg);
variable net=(tot-(bgd*scale3));
print(net);
```

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