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## Why do my fit results from *Sherpa* and XSPEC differ by so much?

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Most likely you have not subtracted the background from your dataset. XSPEC does this automatically, but *Sherpa* requires that you do this using the `subtract` command:

```
sherpa> data example.fits fits
sherpa> back example_bkg.fits fits
sherpa> subtract
```

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URL:  
[http://cxc.harvard.edu/sherpa3.4/faq/xspec\\_fits.html](http://cxc.harvard.edu/sherpa3.4/faq/xspec_fits.html)  
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