



## Source Model Bugs: beta2d

### Bugs

- When the **xpos** and **ypos** parameters are set, a '**Warning: Parameter b2.xpos is out of range.**' is printed, even if the values are within the limits.

This occurs even when automatic estimation of the initial values is used:

```
sherpa> beta2d
Warning: Parameter beta2d.xpos is out of range.
Warning: Parameter beta2d.ypos is out of range.
sherpa> show beta2d
beta2d[beta2d] (integrate: off)
   Param Type Value Min Max Units
   ----- ----- ----- -----
   1 r0 thawed 351 3.51e-02 702
   2 xpos thawed 0 0 351.5
   3 ypos thawed 0 0 351.5
   4 ellip frozen 0 0 0.999
   5 theta frozen 0 0 6.2832
   6 ampl thawed 44 0.44 4400
   7 alpha thawed 1 -10 10
```

The analysis results are unaffected by this bug.

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URL:

[http://cxc.harvard.edu/sherpa3.4/bugs/src\\_beta2d.html](http://cxc.harvard.edu/sherpa3.4/bugs/src_beta2d.html)

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## Source Model Bugs: beta2d – CIAO 3.4