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## Source Model Bugs: beta2d

### Bugs

1. *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.

