
Subject: !y.crange "feature" for logarithmic axes
Posted by [brian.jackel](#) on Thu, 16 Jan 1997 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

According to the documentation (IDL 4.0.1 for Windows):

CRANGE

The output axis range. Setting this variable has no effect; set !X.RANGE to change the range. !X.CRANGE(0) always contains the minimum axis value, and !X.CRANGE(1) contains the maximum axis value of the last plot before extending the axes.

However, the behavior for log plots is a bit peculiar:

```
IDL> plot,[0.1,10.0],/ylog
IDL> print,!y.crange
-1.00000    1.00000
```

So !y.crange contains the `_log_` of the axis range values. Has anyone run across this before, or found any documentation of this behavior? Thanks in advance...

Brian Jackel
University of Western Ontario
