
Subject: Another possible bug of the plot function in IDL8.2.3

Posted by [Xin Tao](#) on Sun, 21 Jul 2013 12:28:46 GMT

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```
IDL> print, !version
{ x86_64 darwin unix Mac OS X 8.2.3 May 2 2013    64    64}
```

Here is the problem I have found. Not sure whether other people have reported this or not. I discovered this while making some plot using data from a simulation. So the numbers below might look strange to you.

```
IDL> print, mean_b
0.0024484981
IDL> print, maxb
0.047594825
IDL> print, minb
1.0000000e-18
IDL> a=plot([0,999], [minb,maxb], /ylog, yrange=[mean_b, maxb])
```

The y axis of this plot is totally wrong. There is something wrong with the use of YRANGE in this case. However, if I do the following, the resulting figure looks fine.

```
IDL> a=plot([0,999], [minb,maxb], /ylog)
IDL> a.yrange=[mean_b, maxb]
```

This sounds like a bug to me, but I'm not sure whether other people can reproduce this or not.

Xin
