

---

Subject: Re: Scientific Notation on Log Plots  
Posted by [safier](#) on Tue, 06 Feb 1996 08:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

>>>> > "jonathan" == jonathan boswell <boswell@pinet.aip.org> writes:

jonathan> I've got a bizarre formatting problem going on with IDL  
jonathan> V4.0.1 on an Alpha VMS machine. When I make a plot with  
jonathan> the /ylog keyword, my plot comes out with neatly  
jonathan> labelled scientific notation on the y axis. The  
jonathan> notation actually has a number, followed by an asterisk,  
jonathan> followed by a 10, and finally with an actual superscript  
jonathan> number for the exponent. But I need to take control of  
jonathan> the format using, for example, the ytickformat keyword.  
jonathan> Only problem: the format reverts to normal FORTRAN-style  
jonathan> formatting, with a nn.nE+mm style. In other words, the  
jonathan> default neat exponential format goes away.

jonathan> Is there any way to control the formatting of the  
jonathan> default scientific notation?

jonathan> Jonathan Boswell FDA/CDRH

I do not know whether you can control scientific notation, but you  
can specify the labels by using ytickname. I usually use the defaults,  
and if I do not like the format, I force the labels with ytickname.

Cheers,

Pedro

--

Pedro N. Safier	"God offers to everyone his
Department of Astronomy	choice between truth and repose.
U. of Maryland at College Park	Take which you please--you can
phone: 301-405-1531; fax: 301-314-9067	never have both." R. W. Emerson