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Subject: Re: formatting yticks over orders of mag.  
Posted by [Craig Markwardt](#) on Fri, 12 May 2000 07:00:00 GMT  
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Paul van Delst <[pvandelst@ncep.noaa.gov](mailto:pvandelst@ncep.noaa.gov)> writes:

> Hi,  
>  
> Is there a way in PLOT, /YLOG to format the yticks "dynamically". E.g.  
> If my y-values range from 0.001 to 10000, can the ytick labels be forced  
> to be  
>  
> 0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000  
>  
> rather than  
>  
> 0.001, 0.010, 0.100, 1.000, 10.000, 100.000, 1000.000, 10000.000  
>  
> The latter requires me to change my XMARGIN keyword so that I can see  
> the y-axis label to such an extent that there's not much plot area left  
> (due to the 10000.000). I would rather not do the 10^n format since it  
> doesn't give the same impression of magnitude change (plotology :o). I  
> looked at the YICKFORMAT documentation but that seems to apply to \*all\*  
> the ytick values. I am wrong about this?

Hi--

I usually do this by hand, namely with the YTICKNAME keyword.

Craig

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