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Subject: Plotting double precision

Posted by [Jacques Basson](#) on Thu, 24 Feb 2000 08:00:00 GMT

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Hi all

Does anyone know how I can plot double precision values in IDL. The plot routine help says:

Plots created with PLOT are limited to the range and precision of single-precision floating-point values.

Unfortunately, this means that values which do not lie in the  $\pm 10^{(+38)}$  range can't be easily plotted. Of course as luck would have it, my values are of the order  $10^{(-39)}$ , and I'd rather not have factors of 10 in my labels. The other option would be to take logs before plotting rather than using the /ylog keyword, but I prefer the axis label to have the value of the variable, rather than its log.

Thanks

Jacques Basson

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