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Subject: Re: OPLOT fails intermittently, any ideas?  
Posted by [bleau](#) on Tue, 17 Jul 2001 20:10:45 GMT  
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In article <3B54747B.A6F1C983@fz-juelich.de>, Reimar Bauer <r.bauer@fz-juelich.de> writes:  
>  
> Hope I can give some hints  
>  
> max\_value is a double but will be interpreted as float.  
>  
> a=9999998.  
[snip]

That is correct, but doesn't address the problem. The typical data values are far, far below the value specified for max\_value. Unless you are postulating that a conversion from double to single will change the value by several orders of magnitude, this isn't the reason.

Typical Y data values to be plotted are between 1000. and 50000.

No, this is something subtler (or more obvious, depending on one's view).

Btw, the not-enough-data error occurred twice more yesterday. We thought it was related to a gap in our data, but in these last two errors there was no gap, so that theory is shot down. The IDL code in each of the last errors read in over 900 data points. The same code reads in another 900 data points an hour later and plots them without error, though. Really strange!

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