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Subject: Re: Using plot\_io (with correct address)  
Posted by [davidf](#) on Wed, 13 Aug 1997 07:00:00 GMT  
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John Slavich writes:

> I'm trying to do a log. plot of a series of one dimensional  
> array  
> (e.g. plot\_io, data(i,0:500)). Strangely, most of the plots have a  
> y-scale which goes from 0 to 1 (and this is a log plot!). Ooccasionally  
> it will plot the data on a true log plot, like one set out of 12. I've  
> tried to check the arrays, and although some numbers are very small  
> (e.g. E-5) there is no 0 value.  
> I'm using version 3.61. Is it a bug with the soft. or is it my  
> fault?  
> being still a novice, the money is on me! Can anyone help?

I think the data values in this range are just all very small.  
Your plot is autoscaling. Hence, the data range is going from 0 to 1.  
Try this:

```
Plot_io, data(l, 0:500), YRange=[1,100]
```

I'm guessing your data is all smooched down at the bottom  
of the plot.

Or, try this:

```
Plot_io, data(l, 0:500) * 10E4
```

That should help.

Cheers,

David

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