
Subject: Re: IDL log scale issues

Posted by [Phys_Gurl](#) on Sun, 22 Sep 2013 19:43:49 GMT

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On Sunday, September 22, 2013 3:08:02 PM UTC-4, David Fanning wrote:

> Phys_Gurl writes:

>

>

>

>> When plotting with `\xlog`, `\ylog` why does IDL not listen to my `xrange` and `yrange` commands?

>

>> It seems to want to use the x and y range of its choice...

>

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>

> IDL **always** autoscales axes. You tell IDL to use exact axis scaling

>

> with `[XYZ]Style` keywords (e.g, `XStyle=1`).

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> Cheers,

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> David

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> David Fanning, Ph.D.

>

> Fanning Software Consulting, Inc.

>

> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

>

> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Now I am receiving

% PLOT: Warning: Infinite plot range.

Here is my code:

x and y are both arrays.

```
plot, x, y, psym = 7, /xlog, /ylog, XStyle = 1, YStyle = 1, xrange=[0,16], yrange = [10,10000], Title  
= 'Run 1: Counts versus Time', XTitle = 'Time (minutes)', YTitle = 'Counts'
```

Thanks!
