

---

Subject: Re: IDL log scale issues

Posted by [David Fanning](#) on Sun, 22 Sep 2013 20:24:03 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

foord14@bu.edu writes:

```
> 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'
```

Yes, the log of zero is infinity. It's a math thing. ;-)

Try going from 1 to 16 or 1e-6 to 16, something like that.

You are probably not going to care much for the labeling of log axes.  
Here is some reading you can do that might help.

[http://www.idlcoyote.com/graphics\\_tips/minorlog.html](http://www.idlcoyote.com/graphics_tips/minorlog.html)

Cheers,

David

--

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.")

---