
Subject: Re: "broken" scale in IDL plot

Posted by [David Fanning](#) on Sat, 22 Mar 2003 15:30:28 GMT

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aszazeroth (aszazeroth@yahoo.com) writes:

> I was wondering if anyone have any experience in "breaking" the
> scaling in IDL plot mode.
>
> I would like to plot a 10% of the y-axis in a linear scale and then
> change to logarithmic (base 10) scale for the rest of the 90%... the
> x-scale is all linear.

I think you will have to do something like this:

```
data = Findgen(1000) + 1
plot, data, Position=[0.15, 0.15, 0.9, 0.35], XStyle=8, $
  YRange=[1,99], YStyle=1
plot, data, Position=[0.15, 0.35, 0.9, 0.9], XStyle=4, $
  YRange=[101,1000], /YLog, /NoErase
axis, xaxis=1, xtickformat='(A1)'
```

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: david@dfanning.com

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

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Subject: Re: "broken" scale in IDL plot

Posted by [aszazeroth](#) on Mon, 31 Mar 2003 12:21:10 GMT

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David Fanning <david@dfanning.com> wrote in message
news:<MPG.18e62f81808da424989b28@news.frii.com>...

> aszazeroth (aszazeroth@yahoo.com) writes:

>

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>   YRange=[101,1000], /YLog, /NoErase  
> axis, xaxis=1, xtickformat='(A1)'  
>  
>  
> Cheers,  
>  
> David
```

THANX, that made the trick... EXACTLY what I needed to do my plot. Thank you again.

//Aszazeroth
