
Subject: Re: plotting vertical lines

Posted by [Phillip Bitzer](#) on Thu, 11 Apr 2013 20:19:21 GMT

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This works for me just fine:

```
ps_start,'filename.ps'
cgDisplay,3000,900,/free
```

```
x = findgen(100)*70 & y = randomu(seed, 100)
  cgplot,x,y,title='title',xtitle='xname',ytitle='yname',color='red',thick=3
cgplots, REPLICATE(6563, 2), !Y.CRANGE,color='black',linestyle=0,thick=0.75
cgplots, REPLICATE(4861, 2), !Y.CRANGE,color='black',linestyle=0,thick=0.75
cgplots, REPLICATE(5876, 2), !Y.CRANGE,color='black',linestyle=1,thick=0.75
cgplots, REPLICATE(5017, 2), !Y.CRANGE,color='black',linestyle=1,thick=0.75
```

```
ps_end
```

I'm using:

```
IDL> print, !version
```

```
{ x86_64 darwin unix Mac OS X 8.2.2 Jan 23 2013    64    64}
```

Subject: Re: plotting vertical lines

Posted by [Leah Huk](#) on Thu, 11 Apr 2013 20:29:10 GMT

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On Thursday, April 11, 2013 2:19:21 PM UTC-6, Phillip Bitzer wrote:

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> IDL> print, !version
>
> { x86_64 darwin unix Mac OS X 8.2.2 Jan 23 2013    64    64}
```

Just tried scrapping VLINE and using cgPlotS instead, like your example. Still doesn't work. The line at 4861A looks the way it should, while the other three STILL appear thicker and grey. Arg!

Subject: Re: plotting vertical lines
Posted by [Leah Huk](#) on Thu, 11 Apr 2013 20:37:20 GMT
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I am using
IDL> print,!version
{ x86_64 Win32 Windows Microsoft Windows 8.2.1 Aug 20 2012 64 64}

On Thursday, April 11, 2013 2:29:10 PM UTC-6, Leah Huk wrote:

```
> On Thursday, April 11, 2013 2:19:21 PM UTC-6, Phillip Bitzer wrote:
>
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Subject: Re: plotting vertical lines
Posted by [DavidF\[1\]](#) on Thu, 11 Apr 2013 22:22:21 GMT
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Leah Huk writes:

> Just tried scrapping VLINE and using cgPlotS instead, like your example. Still doesn't work. The line at 4861A looks the way it should, while the other three STILL appear thicker and grey. Arg!

I have a feeling that everything is probably "working," but whatever you are viewing the output with is not doing a good job. How are you viewing the output?

What happens if you use integers for the thickness values, rather than floats?

Cheers,

David
