
Subject: Re: questions regarding using cgWindow, cgLoadCT, and something else
Posted by [David Fanning](#) on Thu, 27 Oct 2011 22:44:36 GMT

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

Bill Murong writes:

> About the PS font problem, you can find a figure converted from a ps file from
>
> <https://lh4.googleusercontent.com/-NKII5Se06t0/TqnN3NYCkRI/AAAAAAAABU/2xbcSNP1zRA/s800/ps.jpg>
>
> The corresponding command to generate the figure is:
>
> cgplot, [1e-10, 1], /ystyle, /ylog, ytickv = [6e-9, 7e-4], yticks = 1, /window
>
> and then save the window as jpeg via ImageMagick. You can note the tick marks of y axis are
not displayed correctly. There is no problem with the Heyshey font or TrueType fonts.

Ah, yes, the proper labeling of logarithmic axes has
been a problem since the beginning of time. Or, at least,
the beginning of IDL:

http://www.idlcoyote.com/graphics_tips/minorlog.html

You may wish to use the LogLevels function described in
the article above. Something like this, probably:

```
cgplot, [1e-10, 1], /ystyle, /ylog, ytickv = LogLevels(), /window
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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