
Subject: Re: Questions about NG image with (log) axis
Posted by [David Fanning](#) on Thu, 15 Aug 2013 17:52:44 GMT
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Chris Torrence writes:

> Well, I think both David's coyote library and IDL's NG are going to have problems with a log axis for an Image. When I try David's code (yes, I have it installed!) the axes "look" correct, but the image is just plotted as a normal image.

Yes, I'm not log scaling any image data. I presume the user knows how to do that for himself! I think Paolo Grigis's routine `pg_plotimage` does the logarithmic interpolation, though. You can find a version of his code in the "public" directory of the Coyote Library distribution.

Here is an example from his documentation:

```
loadct,5
im=dist(128,128)
x=findgen(128)
y=findgen(128)
pg_plotimage,im,x,y,xrange=[5,100], $
  yrange=[5,100],/xstyle,/ystyle,/xlog
```

That image definitely looks like the log of a dist function!

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
