
Subject: Re: log scale colorbar in IDL 8.0

Posted by [David Fanning](#) on Thu, 19 May 2011 16:53:41 GMT

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David Fanning writes:

```
>
> Paolo writes:
>
>> By the way, the cg version doesn't seem to be properly
>> honoring the axis ranges. For instance, a y range of
>> [-100,100] should show an image only in the upper half
>> of the axis, as the image y-range is only [0,127]...
>>
>> (well one could wonder why would you plot that way...
>> but the idea behind pg_plotimage was to plot an image the
>> same way you would use "plot"...)
>
> Hi Paolo,
>
> I have no trouble fixing this for the display, but
> I can't make it write a proper PostScript file. I've
> gone back to the original code, and I can't make that
> program write a proper PostScript file with this command
> either! Have you ever tried to write a PostScript file
> with the commands above in your original program? :-)
```

Here is the code I am using with your original program.

```
loadct,5
im=dist(128,128)
x=findgen(128)
y=findgen(128)
ps_start, filename='test_1.ps'
pg_plotimage,im,x,y,xrange=[5,100],$
  yrange=[5,100],/xstyle,/ystyle,/xlog
ps_end
ps_start, filename='test_2.ps'
pg_plotimage,im,x,y,xrange=[5,100],$
  yrange=[-100,100],/xstyle,/ystyle,/xlog
ps_end
END
```

test_1.ps seems to be fine. But test_2.ps is
buggered. :-)

Cheers,

David

--

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

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