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Subject: Re: Error in coyote's colorbar

Posted by [R.G.Stockwell](#) on Thu, 11 Oct 2007 17:56:39 GMT

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"Brian Larsen" <balarsen@gmail.com> wrote in message

news:1192124714.944888.178400@v3g2000hsg.googlegroups.com...

>> change the lower limit in range to something other than 0.

>> You are trying to plot from -inf to 70.

>> That should do it.

>

> I agree, but the issue is that in general (or kinda general) you don't

> really know how far above zero to go, like sometimes .1 is far enough

> and others .001 is what it takes for the plot. I was hoping to let

> loglevels and idl figure out the right answer,

>

> colorbar, yrange=[0.1,70.7107], /ylog, /vertical,\$

> ytickv=LogLevels([0.1,70.7107])

>

> does work but it doesn't look right.

>

> How does idl properly handle?

> plot, alog10(findgen(100)/10.)

this is plotting an array with -inf in it, which is ignored by plot.

It then is plotting the next value (for instance -1) so it is fine.

You are explicitly telling the plot command to plot from -inf to 70,  
which it cannot do.

how about setting range = [min(loglevels[0,70.7107]),  
max(loglevels[0,70.7107])] ?

Cheers,

bob

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