Subject: Re: Logarithmic Color Scaling
Posted by David Fanning on Tue, 05 Dec 2006 20:20:11 GMT

Braedley writes:

> I would tend to agree with JD on this. I don't think it would be a
> good idea to scale the color table (and hence the colorbar). I've
> never had to worry about the problem you're facing because whenever I
> did anything remotely like this, I worked in dB, and so my colorbar was
> labeled in dB. I think it would be trivial for you to go from this
> thinking to labeling your colorbar logarithmically.

Well, I've been looking for the trivial solution for
the past 48 hours straight. I'd be delighted to be
pointed in the right direction. May I see your code?

I do agree with you that it is trivial to
label a color bar logarithmically. What I am finding
difficult is making the colors associated with the
color bar labels accurately reflect the values
in the data, which seems to me to be pretty much the
point of a color bar.

With the exception of spectro_plot from the SolarSoft
library, which I have still not had time to download,
I have seen a lot of advice, but no working code. This
leads me to believe maybe it's not as trivial as everyone
(including me) thought it might be. :-)

Cheers,

David

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