
Subject: Re: Using colorbar with multiple plots and !p.multi
Posted by [David Fanning](#) on Fri, 25 May 2007 21:53:40 GMT
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teich@atmsci.msrc.sunysb.edu writes:

> I am using !p.multi to put multiple plots on a page. I would like to
> put a colorbar underneath some or all of the plots. I am using
> colorbar.pro (David Fanning's). For some reason, I get a colorbar
> that superimposes on the plots.
> This doesn't happen when I specify position keyword in the plots, but
> I would rather use !p.multi if at all possible. I do have to specify
> position for the colorbar and use !x.window and !y.window for that
> part. I don't know if I am clear. Can anyone help?

Well, first of all, is there *room* for a colorbar when you specify multiple plots with !P.MULTI? Unless you are using a VERY thin colorbar, I can't imagine there would be.

If there is room, then I would draw all the plots, *then* put the colorbar on the plots. The reason for this is that !P.MULTI is setting and interacting with lots of system variables to do its thing. And Colorbar uses a PLOT command to annotate the colorbar, so there is a possibility for unwanted interactions between !P.MULTI and the PLOT in the Colorbar routine.

I've never tried this, exactly, and graduation is tomorrow for my youngest son, and I have a house full of family, so...

Let me know.

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.")
