Subject: logarithmic colorbar
Posted by simona bellavista on Mon, 03 Feb 2014 15:43:24 GMT
View Forum Message <> Reply to Message

I am trying to make a logarithmic colobar. I am not entirely sure this is correct.
The variable a that I am plotting as a shade of color is actually a log10(a). In the colorbar I would like to have a logarithmic axis. I do the following:

colors = bytscl(alog10(a))

plot, x, y, /nodata
for i = 0, n_elements(x) plots, x[i], y[i], color=colors[i], psym=4
vtick = alog10(2e3*dindgen(5)+1e3)
colorbar, range = [min(alog10(a)),max(alog10(a))], orientation=1, tickvalues=vtick, tickname=string(tickvalues,format='(I6)')

and the ticks are created as usually equi-spaced and they are actually 7.

And also the option orientation does have any effect and I can't get the bar on the side, but instead it is on the top inside my plot, how do I get it to stay on the side? I think the problem is that when plot is called it fills the whole window and no space is left.