
Subject: 8.* graphics

Posted by [Russell\[1\]](#) on Tue, 17 Jan 2012 17:22:59 GMT

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Okay, so I'm trying my hand at the new graphics features in IDL 8, mostly because doing this in the classic direct graphics way is incredible painful and (according to the help pages) the new stuff should be able to knock this one out of the park. Famous last words, I know. So here's the problem:

I'm trying to make a figure for an upcoming proposal where I want to show a series of transmission curves (as a function of wavelength) with the area under each curve shaded a different color. Many of these curves have small overlaps with adjacent bands, and I'd like to have the shading be the transparency (a la red+blue = purple). It seems that `plot.pro` (the function not the procedure) is ready and willing to do this, but I desperately need the x-axis to be displayed as a log (so `xlog=1b`). However! the shading and transparency is completely gone when I set `xlog=1b`! AAGGHH! Am I crazy, does anyone know anything about this?

-Russell

PS, Yes, I'm aware that I can simply take the logarithm of the axis and plot `log(wavelength)`, but (1) I prefer the log-spaced tick marks and (2) it **SHOULD** work! switching this bit shouldn't affect the colors!
