
Subject: Re: 2D density plot and logarithmic axes
Posted by [David Fanning](#) on Mon, 17 Feb 2014 13:25:05 GMT
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simona bellavista writes:

- > I want to make a density plot in 2D and then plot it. More or less like with contours but with a color levels changing smoothly one in the other.
- >
- > I computed a 2D density matrix and then I figured out I should use cgimage.
- > but now I have the problem that I have logarithmic axes and I can't figure out to include them in the plot. If I specify xrange and yrange I only get linear axes.
- >
- > Then on top of that I have to plot other things, like curves, points with error bars, etc.
- >
- > this looks like a basic task, can you suggest a better way to make such a plot?

I think I would try using the AXKeywords keyword to cgImage to set the XLog and YLog keywords for the plot axes. Alternatively, you might find the PG_PlotImage command in the "public" folder of the Coyote Library helpful.

Cheers,

David

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