Subject: Re: Diplay 2D data
Posted by Brian Larsen on Tue, 04 Dec 2007 20:52:58 GMT

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> I just want to point out that there exists an implementation in the
> solarsoft library (which admittedly require the whole library
> to be installed, as it calls many other routines) called spectro_plot,
> which also allows for logarithmic axis (which I think is a nice
> feature,
> and not easy to implement from scratch). As an example, if you create
> an image and axis with:
>
> n=200
> m=500
> im=dist(n,m)
> x=findgen(n)+10
> y=findgen(m)+10
>
> the plot resulting from
>
> spectro_plot,im,x,y,xrange=[-100,300],yrange=[1,800],/ylog,/ no_ut,/
> xstyle,/ystyle
>
> is exactly what you would expect from a plot-compatible image
> displayer such as the quick & dirty
>
> contour,im,x,y,xrange=[-100,300],yrange=[1,800],/ylog,/xstyl e,/ystyle,/
> fill,levels=indgen(256)/255.*max(im)
>
> but faster and without the artifacts & smoothing from the contouring.
> Mind the /no_ut keyword, though.

Arg, I use solarsoft all the time and haven't used that routine and it
seems great.

Brian

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