
Subject: Re: Display 2D data

Posted by [lasse](#) on Wed, 05 Dec 2007 09:05:40 GMT

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On 4 Dec, 20:43, pgri...@gmail.com wrote:

> Hi,

>

> 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).

Well, using the POLYFILL approach you don't need to worry about that.
The PLOT, /NODATA, /YLOG command plots the coordinate system and then
POLYFILL figures out where to place the pixel, how high it is and so
on and so on. No fiddling with the original data required by the user,
IDL takes care of it.

Actually, I'm quite happy with my approach. I don't need to worry
about any padding, cropping, rebinning, logarithmic axis etc - which
is nice. The PostScript files get quite big, admittedly, but I can
gzip them, reducing the size by a factor of 15-20 as ps files are
ASCII files. In Windows I can still just double click on the .ps.gz
and GsView decompresses it automatically. And if need be the ps's are
readily converted to png to make them even smaller.

As I said, I just wanted to know what other people use.

Cheers

Lasse
