
Subject: Re: Ploting uncertainties

Posted by [Bernard Puc](#) on Mon, 02 Apr 2001 18:38:23 GMT

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Martin Skou Andersen wrote:

>
> Hi there...
> Is there a way to plot uncertainties in a plot.
> Say you got some data:
> $x = \{1, 2, 3, 4\}$
> $y = \{2.25, 3.75, 4.25, 5.75\}$
> $\Delta y = \{0.02, 0.04, 0.01, 0.05\}$
> then I can plot my data as points
> IDL> plot, x, y, psym=1
> But is there away to get uncertainties on my data?
>
> Thanks in advance
> Martin Skou

Try PLOTERR

--

Bernard Puc

bpuc@va.aetec.com

(703) 413-0500

AETC, INC.

1225 Jefferson Davis Highway #800

Arlington, VA 22202

Subject: Re: Plotting uncertainties

Posted by [Wayne Landsman](#) on Mon, 02 Apr 2001 19:12:01 GMT

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Martin Skou Andersen wrote:

> IDL> plot, x, y, psym=1
> But is there away to get uncertainties on my data?

Beisdes the standard IDL procedures already mentioned (e.g. PLOTERR, ERRPLOT) you might want to look at PLOTERROR and OPLOTERROR in <http://idlastro.gsfc.nasa.gov/ftp/pro/plot/>. These are built on the standard PLOTERR and OPLOTERR routines but have additional options, such as both X and Y errors, _EXTRA facility, NAN value recognition, plotting only every nth error bar, and the NSUM keyword.

--Wayne

Landsman

landsman@mpb.gsfc.nasa.gov

Subject: Plotting uncertainties

Posted by [Martin Skou Andersen](#) on Mon, 02 Apr 2001 19:13:03 GMT

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Hi there...

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But is there away to get uncertainties on my data?

Thanks in advance

Martin Skou
