Subject: Re: PLOYY plot
Posted by d.poreh on Wed, 02 Jul 2008 15:58:50 GMT
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On Jul 2, 5:51 pm, Paul van Delst <Paul.vanDe...@noaa.gov> wrote:
> d.po...@gmail.com wrote:
>> On Jul 2, 5:14 pm, Brian Larsen <balar...@gmail.com> wrote:
>>> How is Chris' post not what you want? We all obviously need a little
>>> more explanation here. What I see in Chris' plot is a "wiggle"
>>> plotted on the bottom x-axis and a "parabola" plotted on the top x-
>>> axis.
>
>>> Brian
>
>>> ---------- ----------
>>> Brian Larsen
>>> Boston University
>>> Center for Space Physicshttp://people.bu.edu/balarsen/Home/IDL
>
>> Brian
>> i want upper x also loarithmic. if i change and put *xlog=1* it is not
>> work. i want something like this:
>> https://www.rsg.tu-freiberg.de/twiki/pub/Main/DavodPoreh/as. pdf
>> as you can see y1=f(x) (left and down) is normal and y2=f(x2)(rigth
>> and up) is logarithmic.
>
> Why? The x-axes aren't related -- at least they shouldn't be since the lower one starts at 0.
>
> Why plot two disparate datasets on the same figure? Even if it is valid numbers-wise, it
> will still be confusing. I don't know anything about the data, but it smacks of advanced
> plotology to me, i.e. displaying data to make it look a certain way. The plot equivalent
> of the drunk man under the street light statistics story.
>
> cheers,
>
> paulv

Paul
if you search in net Plotyy you can see alot about this for example:
http://www.sgr.nada.kth.se/unix/software/matlab/senaste/tech doc/ref/plotyy.html
it is very useful in scince.
Cheers