
Subject: Re: PLOYY plot

Posted by [d.poreh](#) on Wed, 02 Jul 2008 16:12:14 GMT

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On Jul 2, 5:58 pm, d.po...@gmail.com wrote:

> 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 Physics <http://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 $y_1=f(x)$ (left and down) is normal and $y_2=f(x^2)$ (righ

>>> 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/techdoc/ref/p...>

> it is very useful in scince.

> Cheers

Brian it works now. thanks for all

for helping. now i want to do that in ITools.
Cheers
