
Subject: Re: PLOYY plot

Posted by [Paul Van Delst\[1\]](#) on Wed, 02 Jul 2008 15:51:26 GMT

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d.poreh@gmail.com wrote:

> On Jul 2, 5:14 pm, Brian Larsen <balars...@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 logarithmic. 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 $y_2=f(x_2)$ (right

> 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
