Subject: Re: PLOYY plot Posted by d.poreh on Wed, 02 Jul 2008 15:08:10 GMT

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On Jul 2, 4:44 pm, Spon <christoph.b...@gmail.com> wrote:
> On Jul 2, 2:23 pm, d.po...@gmail.com wrote:
>
>
>> On Jul 2, 2:15 pm, Brian Larsen <balar...@gmail.com> wrote:
>
>>> Does this work?
>>> http://www.dfanning.com/tips/another_yaxis.html
>>> Try using that site for all you IDL needs, it is a great first (and
>>> last) stop.
>>> Cheers,
>>> Brian
>>> Brian Larsen
>>> Boston University
>>> Center for Space Physicshttp://people.bu.edu/balarsen/Home/IDL
>> Hi Brian
>> I saw that before no it is not what I need. In that image x is same
>> for both y. I want to inter another x (in the top of box) that y=f(x)
>> is for right and top.
>> Cheers
>
  You have to call AXIS twice, once for each new axis you require.
> To extend David's example:
>
    x = FINDGEN(100)
>
    theta = x/5
>
    curve = SIN(x/5) / EXP(x/50)
    PLOT, curve, YSTYLE=8
>
    AXIS, YAXIS=1, YLOG=1, YRANGE=[0.1, 100], /SAVE
>
    AXIS, XAXIS=1, XRANGE =[0, 200], /SAVE
    OPLOT, [theta, REVERSE(theta)]
>
>
 If you have the same problem as I do with overlayed axes disappearing
> you could get around it by setting YTHICK = 2 & XTHICK = 2 in your
> respective AXIS calls; but this might be a platform-dependent problem
> that doesn't affect you.
```

- >
- > Regards,
- > Chris

no

what you had done is just put y1=f(x)&y2=f(x) in a same figure in need somthing like this:

https://www.rsg.tu-freiberg.de/twiki/pub/Main/DavodPoreh/as. pdf that means plotting y1=f(x1) & y2=f(x2) in diffrent axis format as you can see.

cheers