
Subject: Re: PLOYY plot

Posted by [Spon](#) on Wed, 02 Jul 2008 14:44:31 GMT

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On Jul 2, 2:23 pm, d.po...@gmail.com wrote:

> On Jul 2, 2:15 pm, Brian Larsen <balars...@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 Physics<http://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 overlaid 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
