
Subject: how to grab !X.TICKS from previously drawn plot?

Posted by [Charlotte DeMott](#) on Thu, 29 Jan 1998 08:00:00 GMT

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Here's my problem:

I have two curves that I want to plot on the same plot. The curves are similar in shape, but are scaled differently while being computed. The scaling varies for each series of curves I want to plot, and is not easily determined. I would like to simply plot the second curve over the first by suppressing the axis labeling on the second plot. This works fine when IDL chooses the same number of y-tick intervals that are present in the first plot, but it often chooses a different number. How can I save the value of !Y.TICKS from the first plot and apply it to the second plot?

i.e.,

```
plot, xvalues, data1, xrange=[10,100]
```

```
<save value of !Y.TICKS here?>
```

```
plot, xvalues, data2, xrange=[10,100], xstyle=4, /noerase,  
YTICKS=(saved variable name)
```

thanks for any help!

charlotte
