
Subject: Re: overplotting with a new axis
Posted by [davidf](#) on Tue, 17 Mar 1998 08:00:00 GMT
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David Mottershead (DMottershead@mhl.nsw.gov.au) writes:

> Is there a way to overplot two lots of data using two different x-axes.

To modify the code just slightly from page 31 in my book:

```
curve1 = LoadData(1)
curve2 = Findgen(50)
curve2 = Sin(curve2/5)/Exp(curve2/50) * 15 + 15
Plot, curve1, XStyle=8, XTitle='Solid Line Axis', $
    Position=[0.1, 0.15, 0.95, 0.9]
Axis, XAxis=1, XRange=[0,50], /Save, XTitle='Dashed Line Axis'
OPlot, curve2, LineStyle=2
```

The key is the SAVE keyword on the AXIS command. You want to make sure that when you O PLOT the second curve that you use the scaling parameters from the correct axis.

Cheers,

David

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