
Subject: Re: 2 axis of different type
Posted by [davidf](#) on Thu, 29 Jul 1999 07:00:00 GMT
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Quentin Errera (quentin@bira-iasb.oma.be) writes:

```
> I'm trying to plot the concentration of a atmospheric molecule (xaxis)
> vs the pressure (yaxis). The pressure axis should be in log. scale. This
> is well done by the command:
>
> PLOT,concentration,pressure,/ylog,yrange=[MAX(pressure),MIN( pressure)] $
>
> ,ystyle=9,position=[0.1,0.1,0.9,0.9]
> After that, I want add an altitude (in km) axis on the right, in LINEAR
> scale. It should be done by:
>   AXIS,yaxis=1,ylog=0,yrange=[z1,z2],ystyle=1
> where z1 (respec. z2) is the altitude corresponding to MAX(pressure)
> (respec. MIN(pressure). The result is that the altitude axis is in log.
> scale.
>
> If someone could help me,
```

Add the SAVE keyword to your AXIS command and all will be well. :-)

Cheers,

David

P.S. The SAVE keyword forces the !Y.S system variable to be updated, so that subsequent data put on the plot is scaled correctly.

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