
Subject: Re: axis

Posted by [davidf](#) on Tue, 05 Sep 2000 13:52:18 GMT

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Mirko (loeh@my-deja.com) writes:

- > I have a small problem using the axis procedure.
- > I don't know why my third y-axis appears as
- > log-axis without setting the /ylog keyword.
- > It probably comes from the /ylog keyword
- > in the second y-axis.
- > Is there a clean solution for this problem apart from
- > switching the code for the 2nd and 3rd axis?

Humm. Weird.

I don't have any idea what is happening. But I
can fix the problem by doing a plot into a pixmap
window, then going back to the drawing window.

Here is the code in my fix:

```
;=====3. y-axis  log y-axis ???  
win=!D.Window  
window, /free, /pixmap, xsize=!D.X_Size, ysize=!D.Y_Size  
plot,blende,pzu,xstyle=1,/xlog,color=0,background=255$  
  ,yrange=[0.22,0.38],ystyle=9,position=[0.15,0.15,0.75,0.95], $  
ytitle='FWHM',charsize=1.1,xrange=[0.03,3.0],psym=-5,$  
xtitle='Detektorblende [mm]',yticks=8,yminor=2  
wdelete, !D.Window  
WSet, win  
  
axis,8,yaxis=1,yrange=[4,14],/save,ystyle=1, color=180$  
  ,ytitle='Peak/Untergrund ',charsize=1.1, ylog=0  
oplot,blende,pzu,color=180,psym=-5
```

Very strange. I thought at first that it had something
to do with fields in the !P, !X, or !Y system variables.
But I saved these after the first plot and restored them
after the second plot, and it didn't do any good. This
is the best I can do. Chalk it up to the Mystery, I guess. :-)

Cheers,

David

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