
Subject: Re: HELP !!!

Posted by [davidf](#) on Wed, 03 Dec 1997 08:00:00 GMT

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Martin Schultz (mgs@io.harvard.edu) screams for help when he writes:

> after spending more than 1 hour on this, I finally decided that this
> should definitively get improved in a future release of IDL (I guess I
> should put together some kind of a wishlist for the people at RSI):
>
> problem is, I want to produce a plot with two x-axis, one on the bottom
> (easy of course :-) and one on the top. The little code piece I attached
> works fine **except** the title of the top axis is too low and interferes
> with the axis labels. I tried several things:
> - append a sequence of !C's at the end of xtitle ==> no effect at
> all
> - add another axis statement shifted somewhat higher and suppress
> the axis itself using xstyle=4 and xticks=1 ==> title comes out
> fine now, but the axis is **not** suppressed
> - use a title parameter in the call to plot ==> font is larger
> (hence ugly)
>
> I browsed around the help pages for at least 1/2 hour and could not find
> **anything** about this issue, so i guess that's the minimum that would
> need improvement!
>
> Here's the code:

[Pretty good code snipped...although I think you left out Tek_Color]

When Martin shouts with three exclamation points, I know he is serious!!! So I dropped what I was doing (I am utterly sick of writing this book anyway!!!!) and offer this:

If you are fond of hacks (it would appear so from your harried missive), you could try this as the XTitle of your second axis:

```
xtitle='!AH!A!U2!N!AO !A[!Ap!Ap!Am!Av!A]'
```

But this is **way** too ugly for my taste. Since you know where your plot is going, just leave the XTitle off and place the axis title with XYOutS. I offer this:

```
xyouts, 0.5, 0.88, /Normal, Align=0.5, 'H!L2!NO [ppmv]'
```

Whala! Simple, nice, and if it isn't **exactly** where you want it, just move it. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
