
Subject: Re: Can't suppress 0 on AXIS call

Posted by [David Fanning](#) on Mon, 06 Jan 2014 13:57:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

OM writes:

```
>
> Here is a typical plotting code for one of the plots to the left of the first one (this is of course all
done using !p.multi; the first object of the xtickname array is a blank space):
>
> LEFT=0.35
> RIGHT=0.65
> BOTTOM=0.3
> TOP=0.9
>
> cgplot, t[w],ymm[3,w],/ylog,thick=7,linestyle=4,color=192,xstyle=9,x
range=[0,14],ystyle=1,yrange=[1.e-4,2.e-2],charsize=sh,chart hick=ch,xtickformat=
"(A1)",ytickformat="(A1)",pos=[LEFT,BOTTOM,RIGHT,TOP]
>
> for i=0,2 do cgoplot, t[w],ymm[i,w],thick=7,linestyle=i+1,color=col[i]
>
> axis,xaxis=1,xrange=[0,14],xstyle=1,xtickv=ts,xtickname=['
',string(rss[1],format='(D0.1)'),strtrim(string(rss[2:6],for
mat='(I)'),2)],xticks=8,charsize=sh,charthick=ch
```

Well, it is a grave mistake to use !P.MULTI and the POSITION keyword at the at the same time, but I doubt that has much to do with the particular problem we are trying to solve here.

Trying to duplicate your code as much as possible, I find that this works perfectly:

```
cgPlot, cgdemodata(1), xstyle=9, ystyle=8, $
  position=[0.1, 0.1, 0.5, 0.9], $
  xrange=[0,14], xtickformat='(A1)', ytickformat='(A1)'
xnames = StrTrim(SIndGen(8)*2,2)
xnames[7] = ''
cgAxis, XAXIS=1, XTickName=xnames, xstyle=1
cgPlot, cgdemodata(1), xstyle=9, ystyle=8, $
  position=[0.5, 0.1, 0.9, 0.9], /NoErase, $
  xrange=[0,14], xtickformat='(A1)', ytickformat='(A1)'
cgAxis, XAXIS=1, xstyle=1
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
