
Subject: Re: What is going on with the minor ticks on log plots?????

Posted by [Joe\[2\]](#) on Wed, 26 Aug 1998 07:00:00 GMT

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OK,

Here is a bit of code that does fail (work?) to demonstrate the problem.

Pro TEST

```
!p.multi = [0,7,10] & !y.minor = 2
!x.margin = [.5,.5] & !y.margin = [.5,.5]
!y.omargin = [3,3] & !p.ticklen = 0.07
!p.charsize = .7
nulls = replicate("",20) & blanks = replicate(" ",20)

!y.range=[0,60]
!x.title = "" & !x.style = 12 & !y.style = 12
!x.range = [1.e10,1.e13] & !x.ticks = 1 & !x.minor=0
plot,/xtype,[1],/nodata
xyouts,4e10,44,'date = '+strtrim(991212L,2)+' SR',size=.4
xyouts,4e10,38,'hhmmss = '+string(3335,form='(i6.6)'),size=.4
xyouts,4e10,32,'lat = '+string(56.,form='(f6.1)'),size=.4
xyouts,4e10,26,'lon = '+string(92.,form='(f6.1)'),size=.4
xyouts,4e10,20,'beta = '+string(15.,form='(f6.1)'),size=.4
!y.style=1 & !x.style=1
!y.tickname = nulls & !x.tickname = blanks

; Ozone plot
if(!p.multi(0) eq 6) then begin
  !x.title = 'O!d3!n (cm!u-3!n)'
  !x.tickname = nulls
endif
plot,/xlog,[1],[10],xrange=[1.e10,1.e13],xticks=3
plot,/xlog,[1.e9],[10],xrange=[1.e7,1.e10],xticks=3,ytickname=blanks
plot,/xlog,[1.e-3],[10],xrange=[1.e-5,1.e-1],xticks=4,ytickname=blanks
end
```
