
Subject: Re: Axis range changes.
Posted by [sjt](#) on Wed, 29 Nov 1995 08:00:00 GMT
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Surinder P. Singh (surinder@eng.umd.edu) wrote:

: Here is the Problem description:

: I am trying to plot two plots with two
: separate yaxis on the same xaxis.
: I use the following code.

: plot, x, y, ystyle=4, /noerase

: axis,yaxis=0, ytitle=' Electric field (kV/cm) ', chars=1.5

: Now the axis command does not plot the same axis scale.
: Hence the plot and the axis do not match.
: It doesn't always happen, but some times.
: Hard to say when.
: Now why is this happening ? I mean I had always assumed that
: axis will save the axis range and plot it exactly.
: (BTW,I am using other options in plot like xmargin, chars, xtitle, yrange etc.)

: Any help is much appreciated.

: Surinder

You need to make sure you give the same scaling bits to the axis call as
to the plot call (i.e. requests for exact range and extended range)
otherwise it will get scrambled--I would describe this as an infelicity.

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