Subject: xrange woes
Posted by Josh on Wed, 18 Jul 2007 17:18:07 GMT

this is a new one for me...
i'm plotting data points (~50) that are spread over a small x range
(relative to the values). these data points lie at values around
2,000,000, but are spread over a range of about 0.01. I can use
xrange=[x1,x2] up until the difference between x2 and x1 is about
0.25. If I try to make the range smaller, it is just ignored (and
left at ~0.25) until the range decreases to 0.1 at which point the
plotted x range jumps to ~30! The xstyle keyword follows the same
pattern (works until the range is ~0.25, then is ignored).

Has anyone else ever had this happen? Is there some limitation on how
small xrange can be given the actual xvalues? btw, these data points
have legitimate values to the standard double precision accuracy.