Subject: Alternate plot scales
Posted by Brad Gom on Wed, 06 Jan 1999 08:00:00 GMT
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I'm looking for a way to draw a secondary plot scale. The problem is
that I want the second axis scale to be a function of the first.

For example, the lower x-axis is a standard linear scale, and the upper
x-axis is the square of the lower axis. Now the tricky part: I want the
tickmarks for the second axis to occur at regular -numeric- (not
graphical) intervals.

eg. if the lower scale had ticks at [4,5,6,7,8], then it would be
trivial to have the upper axis with the corresponding ticks labeled
[16,25,36,49,64]. What I want is for the ticks on the upper axis to
occur at some interval like [20,25,30,35,40,45,50,55,60] so that their
spacing on the plot gets tighter but the numeric interval is constant.

Thanks