Subject: Re: Large File Plotting Posted by promashkin on Thu, 28 Sep 2000 07:00:00 GMT View Forum Message <> Reply to Message

- > What is needed is
- > something that can detect file size and
- > only display to the pixel resolution of the
- > screen.

I think this is exactly what you need. At 1024 x 768, a monitor is capable of producing not better than 85 points per inch. Resample your large array to the desired resolution and plot it. PLOT will do this anyway (on a visual level), but a lot less efficiently.

If the axis you plot against is 5" long, then the maximum number of points you'll be able to see is < 500. Use CONGRID for plotting:

plot, congrid(a, 500)

works very fast. Cheers, Pavel