

Figure 1 is a line graph showing the number of iterations required to solve a problem versus the number of threads. The x-axis is labeled "Threads" and ranges from 1 to 128. The y-axis ranges from 0 to 7000. Multiple lines with different markers (circles, triangles, diamonds, crosses) represent different data series. Most series show a sharp increase in iterations as the number of threads increases, particularly after 32 threads. One series (solid line with circles) remains relatively flat and low, around 500 iterations, across all thread counts.

Threads	Solid Line (Circles)	Dashed Line (Triangles)	Dotted Line (Diamonds)	Dash-dot Line (Crosses)	Long-dashed Line (Inverted Triangles)
1	~100	~100	~100	~100	~100
2	~100	~100	~100	~100	~100
4	~100	~100	~100	~100	~100
8	~100	~100	~100	~100	~100
16	~400	~400	~400	~400	~400
32	~450	~450	~450	~450	~450
64	~700	~1800	~1200	~1600	~1800
128	~550	~6900	~6100	~5000	~6400

