Matrix Size (n x n):	Serial BSUB Time (s):	Parallel_Serial BSUB Time (s):	Parallel BSUB Time (s):	Speedup (S)
4000	0.0134	0.0134	0.036	0.3722
8000	0.0704	0.067	0.0769	0.9155
12000	0.1207	0.1225	0.1232	0.9797
16000	0.2996	0.2964	0.1726	1.7358
20000	0.3647	0.3397	0.2182	1.6714
24000	0.6336	0.6359	0.2667	2.3757
28000	0.6727	0.7167	0.3276	2.0534
32000	3.2546	3.2566	0.4378	7.434
36000	1.1782	1.1795	0.4445	2.6506
40000	2.3445	2.5681	0.5474	4.283
44000	2.0195	2.0345	0.5933	3.4038

The Effect of Matrix Size on BSUB Runtime

The Effect of Matrix Size on Speedup