Execution Time on Mac

Matrix Size:	Threads:	Time (s):
500	1	1
1000	1	19
1500	1	41
2000	1	165
2500	1	292
3000	1	557
3500	1	1174
4000	1	2528
4500	1	4374
5000	1	6498

Execution Time on HPC Server

Matrix Size:	Threads:	Time 1 (s):	Time 2 (s):	Time AVG (s):	Each Speedup:
1000	1	5.482	5.043	5.262	1.000
1000	4	1.055	1.040	1.048	5.023
1000	8	0.565	0.563	0.564	9.324
1000	16	0.456	0.463	0.460	11.445
1000	28	0.251	0.280	0.266	19.806
2000	1	67.940	67.988	67.964	1.000
2000	4	13.575	13.342	13.458	5.050
2000	8	5.438	5.200	5.319	12.778
2000	16	3.923	3.889	3.906	17.399
2000	28	1.987	1.842	1.914	35.505
5000	1	1464.360	1470.400	1467.380	1.000
5000	4	227.395	221.024	224.210	6.545
5000	8	112.019	161.922	136.971	10.713
5000	16	61.497	61.501	61.499	23.860
5000	28	37.475	37.407	37.441	39.192
7000	1	3773.740	2454.950	3114.345	1.000
7000	4	661.906	621.378	641.642	4.854
7000	8	287.240	435.322	361.281	8.620
7000	16	219.789	230.229	225.009	13.841
7000	28	94.199	94.671	94.435	32.979
10000	1	12420.500	12819.000	12619.750	1.000
10000	4	1870.840	1823.000	1846.920	6.833
10000	8	1125.580	1507.100	1316.340	9.587
10000	16	599.075	796.837	697.956	18.081
10000	28	304.413	333.028	318.721	39.595

		Average		1	1.000
		Speedup		4	5.661
		Per		8	10.205
		Thread		16	16.925
		Count:		28	33.415