

Results:

Trails	N	Matrix multiplication	Cache memory	Registers	Cache miss	Cache hit
1	300	0.15	0.16	0.11	4424	4423
2	500	0.77	0.74	0.58	24842	24841
3	700	2.04	2.02	1.54	74107	74106
4	1000	5.45	5.68	4.33	258021	258020
5	1500	19.24	19.32	14.33	1619964	1619963
6	2000	59.97	52.57	45.98	84331367	84331366
7	2500	158.09	139.90	67.91	1874242480	1874242479
8	3000	209.91	203.98	123.33	3380111043	3380111042
9	3500	522.00	404.36	284.19	5380649268	5380649267
10	4000	681.65	435.14	451.85	8048920483	8048920482
Average		165.926	137.187	99.415		