Kernel Execution Time VS Array Length Plot

Data Value Table:

Array Size	512 Threads per block (seconds)	1024 Threads per block (seconds)	512 threads per block (in log2(t) (s))	1024 threads per block (in log2(t) (s))
10	0.00160986	0.00065024	-9.278849054	-10.58674007
11	0.000537376	0.000627648	-10.86178049	-10.63775669
12	0.0012152	0.00118374	-9.68459051	-9.722432047
13	0.000835904	0.00863021	-10.22437512	-6.85638862
14	0.00068	0.00206234	-10.52217763	-8.921502088
15	0.00427347	0.00398122	-7.87037629	-7.972573689
16	0.00323197	0.00931603	-8.273370478	-6.746068999
17	0.00176394	0.00694266	-9.146982796	-7.170295764
18	0.00215738	0.00847952	-8.85650397	-6.881801684
19	0.010006	0.000518752	-6.642990832	-10.91266739
20	0.00326624	0.0021936	-8.258153482	-8.832483808
21	0.00573133	0.00665389	-7.446914318	-7.231586268
22	0.00297565	0.00227731	-8.39257944	-8.778453592
23	0.00198269	0.000919744	-8.97832516	-10.08648002
24	0.00486803	0.00668816	-7.682446226	-7.224174923
25	0.00519376	0.00513942	-7.589004935	-7.604178729
26	0.00521382	0.00625101	-7.583443508	-7.321694974
27	0.00722669	0.00755037	-7.112449276	-7.04923694
28	0.0147962	0.0199552	-6.078629483	-5.647091452
29	0.0284773	0.0290827	-5.134043822	-5.103694976