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 |