With CACHE

calculation time [ms]

2,922 — 1thread IO DDR
2,642 — 1thread IO SMEM
2,881 — 1thread SMEM
1,599 — 2thread IO DDR
1,388 — 2thread IO SMEM
1,440 — 2thread SMEM
746 — 4thread IO DDR
609 — 4thread IO SMEM
720 — 4thread SMEM
360 — 8thread SMEM
181 — 16thread SMEM