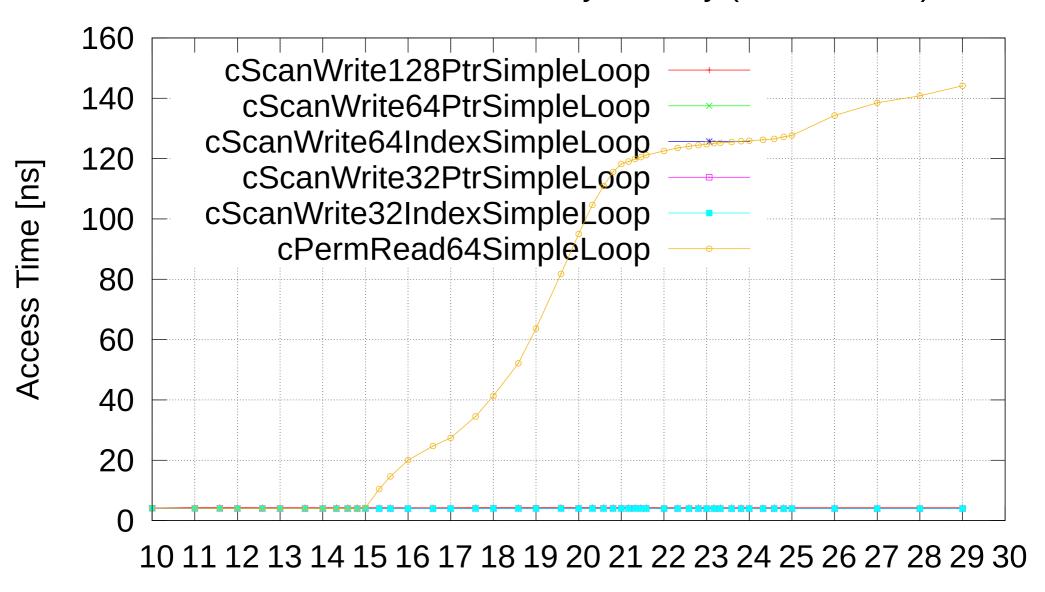
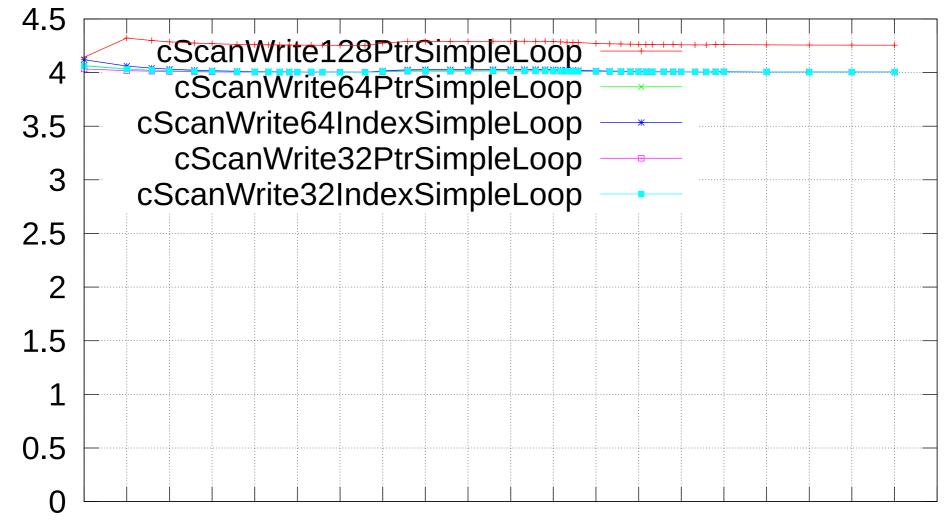


kv7 - One Thread Memory Latency (Access Time)

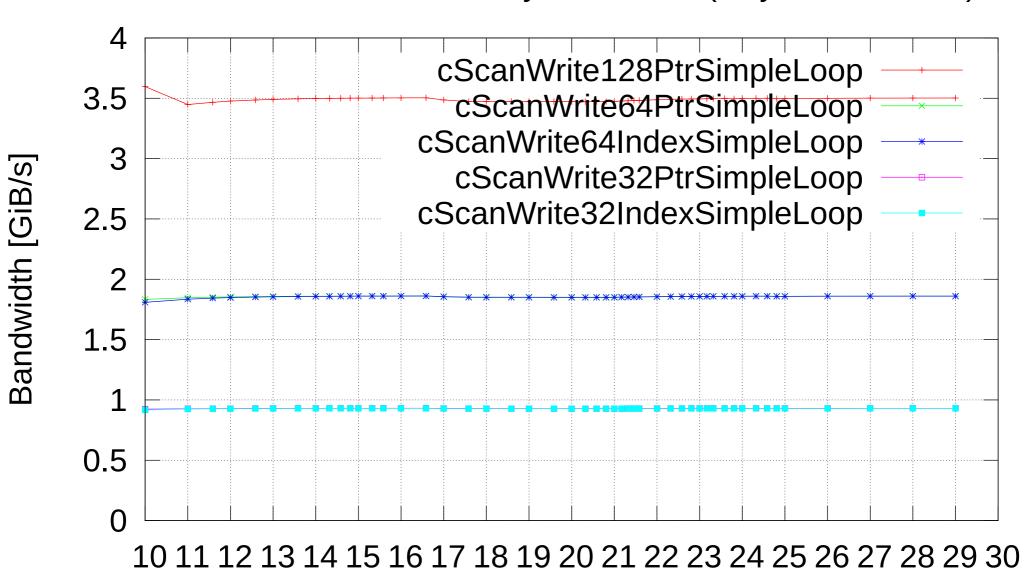


kv7 - One Thread Memory Latency (excluding Permutation)

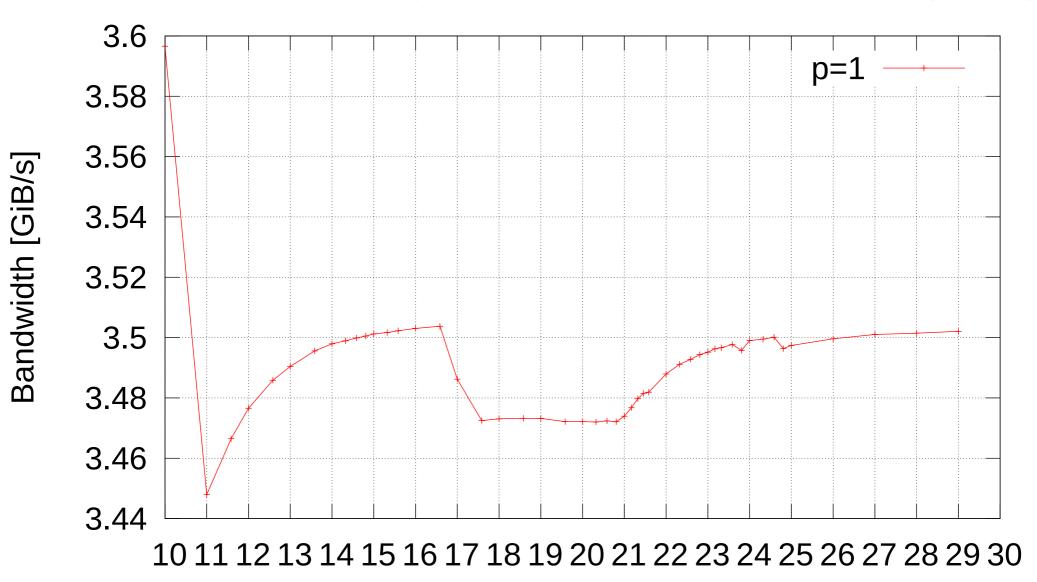


10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

kv7 - One Thread Memory Bandwidth (only 64-bit Reads)

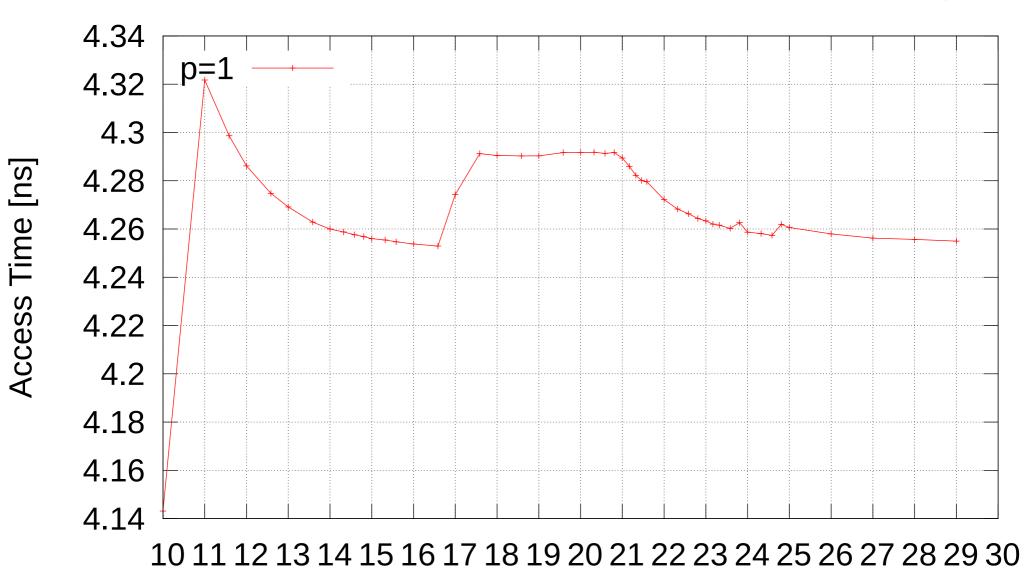


kv7 - Parallel Memory Bandwidth - cScanWrite128PtrSimpleLoop



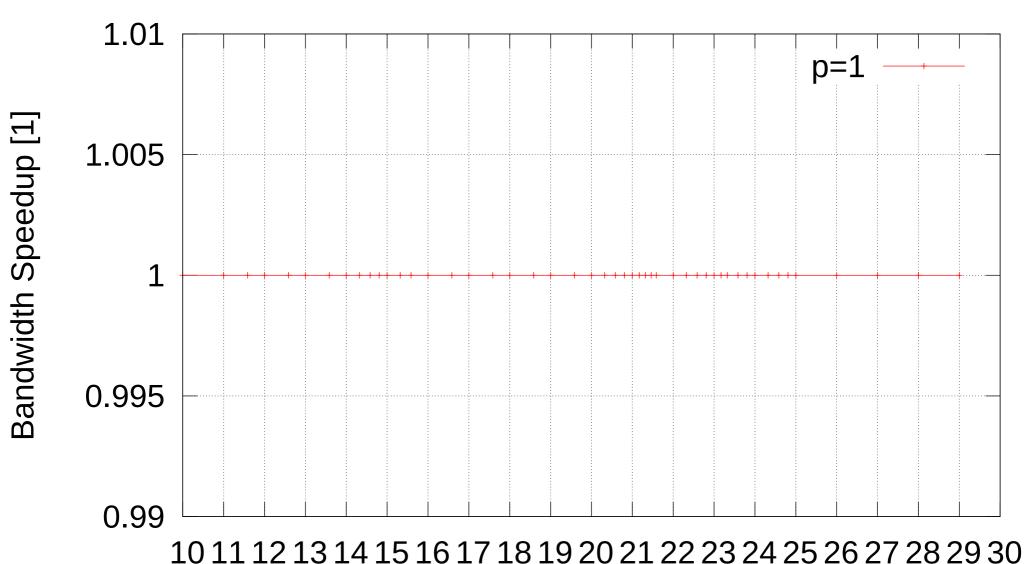
Array Size log<sub>2</sub> [B]

kv7 - Parallel Memory Access Time - cScanWrite128PtrSimpleLoop



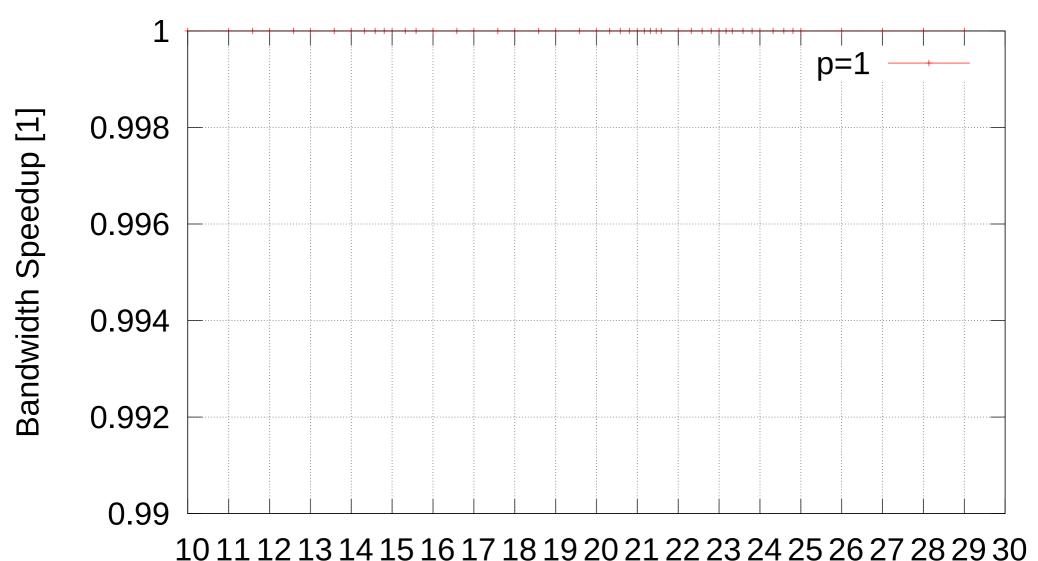
Array Size log<sub>2</sub> [B]

kv7 - Speedup of Parallel Memory Bandwidth - cScanWrite128PtrSimple



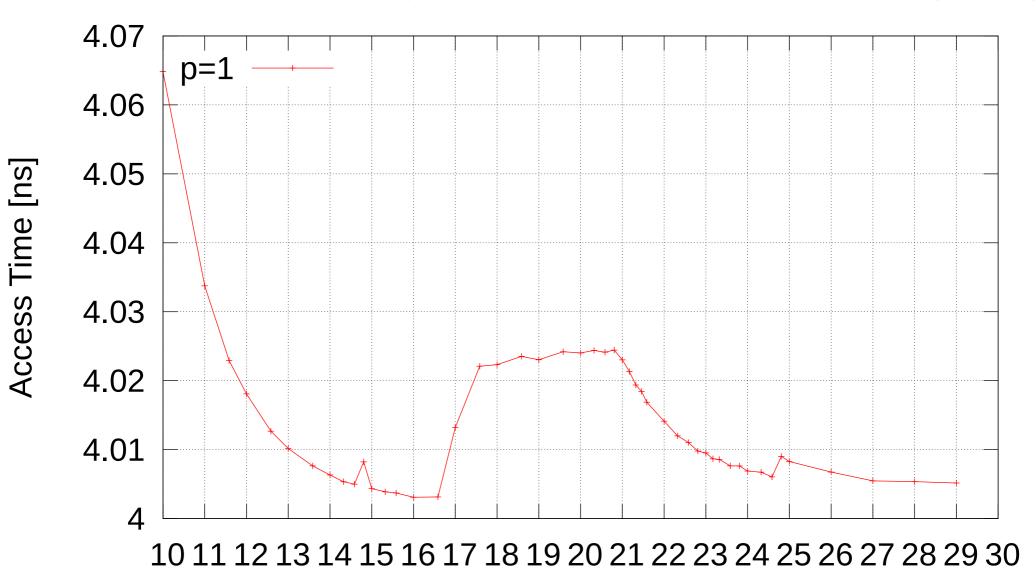
Array Size log<sub>2</sub> [B]

7 - Speedup of Parallel Memory Bandwidth (enlarged) - cScanWrite128Ptr



Array Size log<sub>2</sub> [B]

kv7 - Parallel Memory Access Time - cScanWrite64PtrSimpleLoop

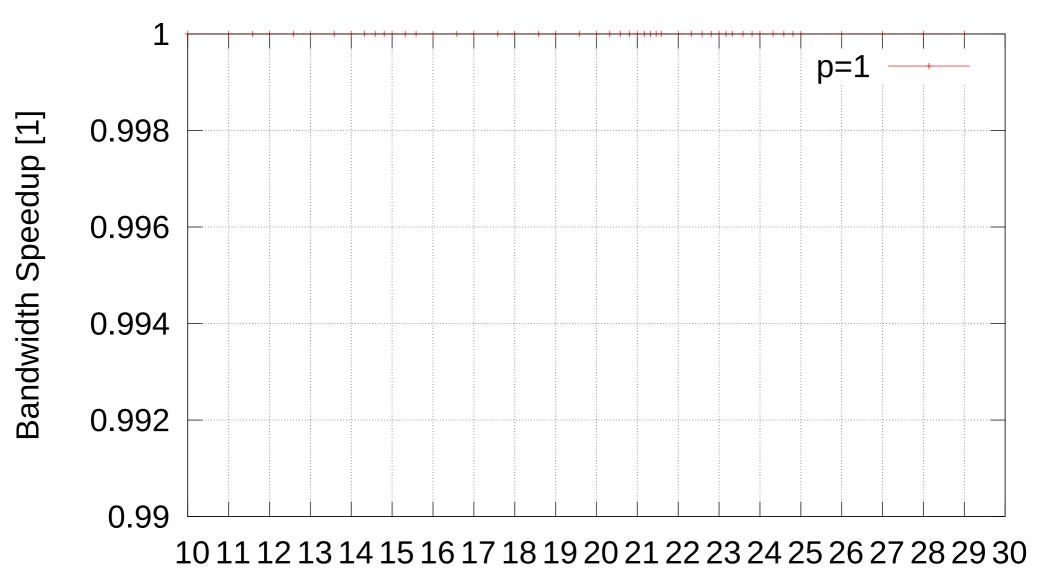


Array Size log<sub>2</sub> [B]

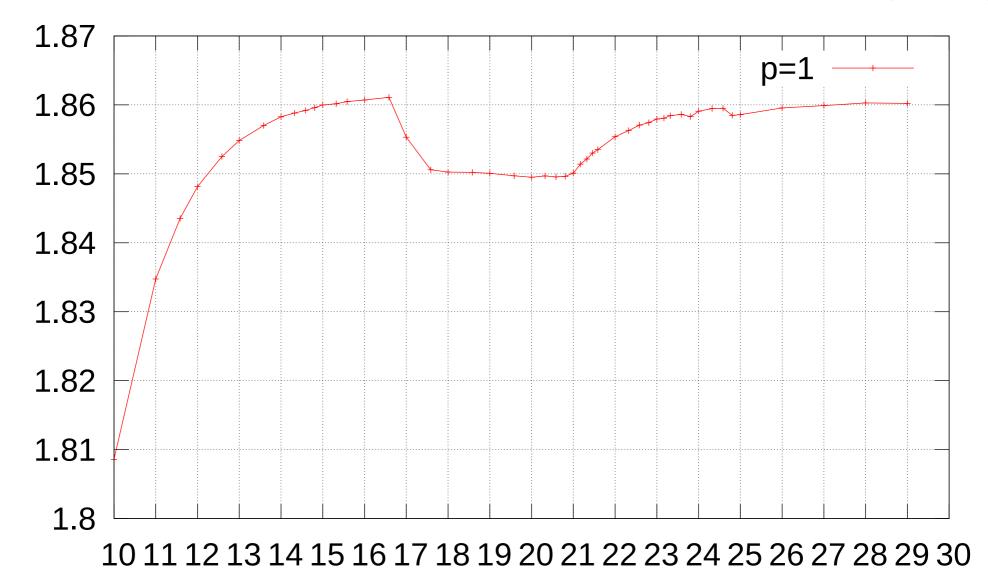
Array Size log<sub>2</sub> [B]

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

v7 - Speedup of Parallel Memory Bandwidth (enlarged) - cScanWrite64PtrS



Array Size log<sub>2</sub> [B]

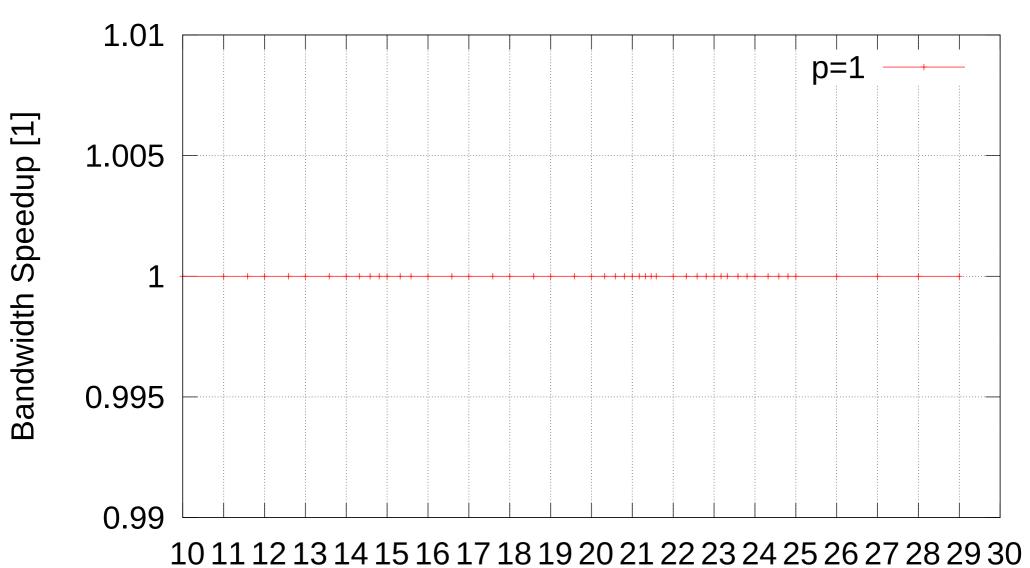


Bandwidth [GiB/s]

Array Size log<sub>2</sub> [B]

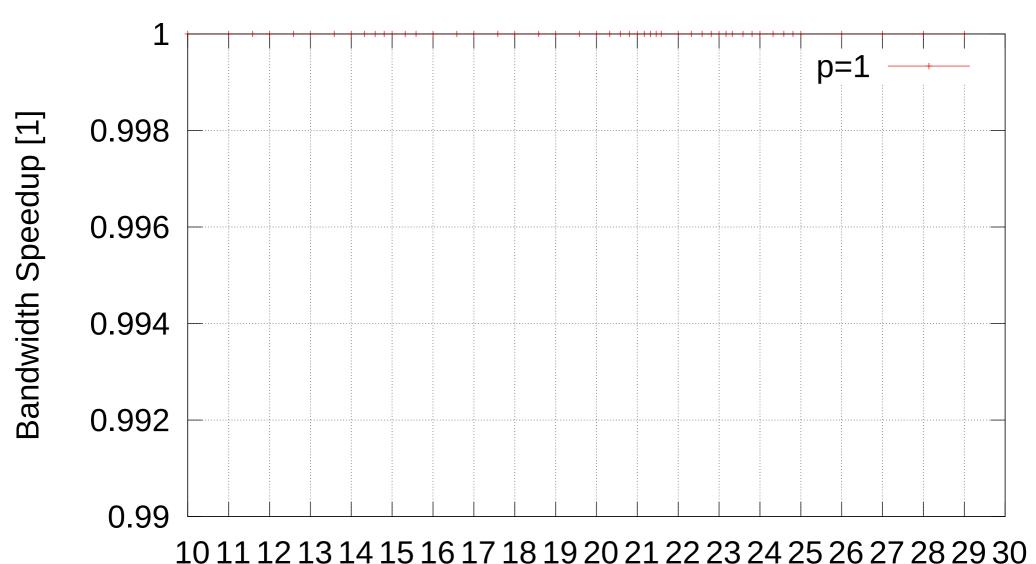
Access Time [ns]

Array Size log<sub>2</sub> [B]



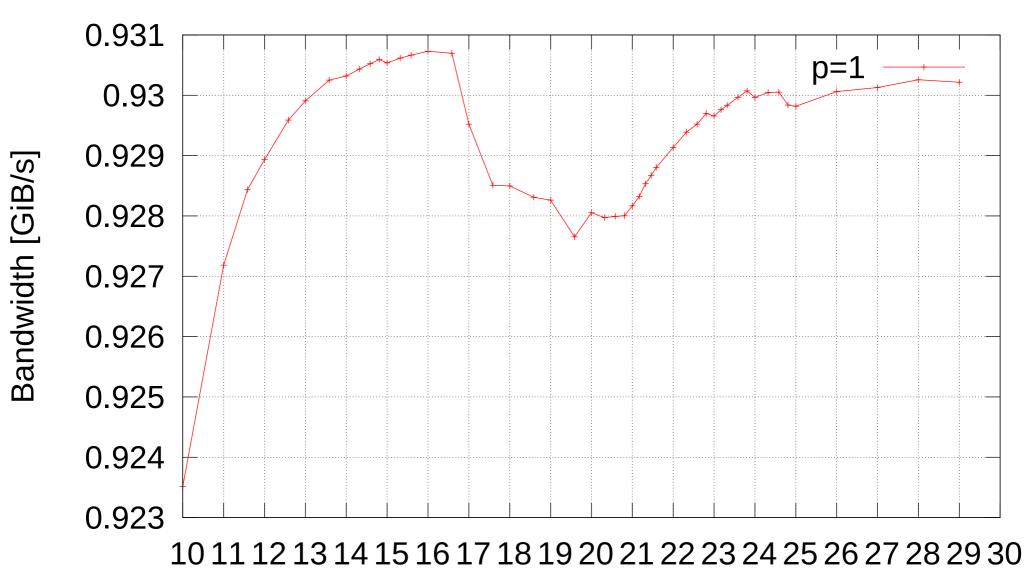
Array Size log<sub>2</sub> [B]

7 - Speedup of Parallel Memory Bandwidth (enlarged) - cScanWrite64Index

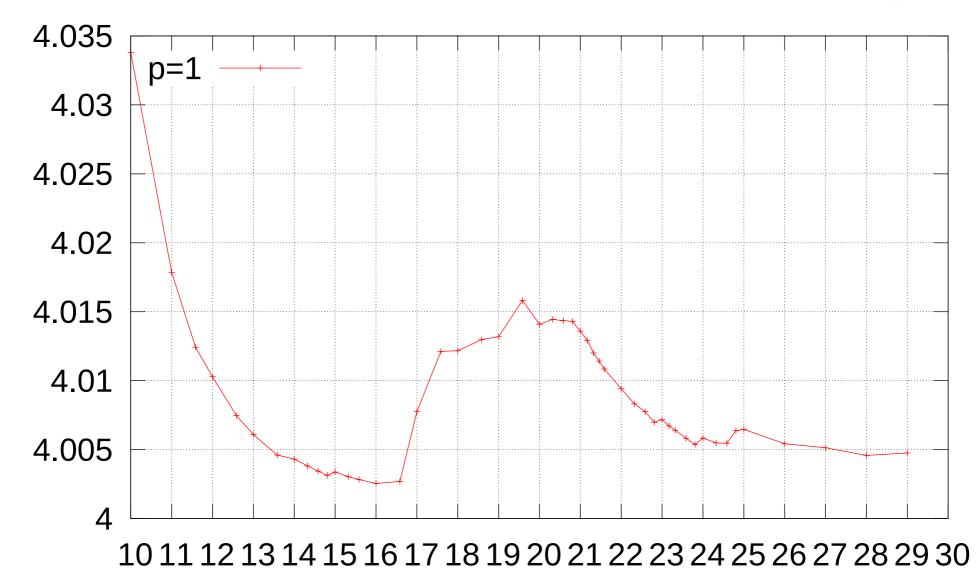


Array Size log<sub>2</sub> [B]

kv7 - Parallel Memory Bandwidth - cScanWrite32PtrSimpleLoop

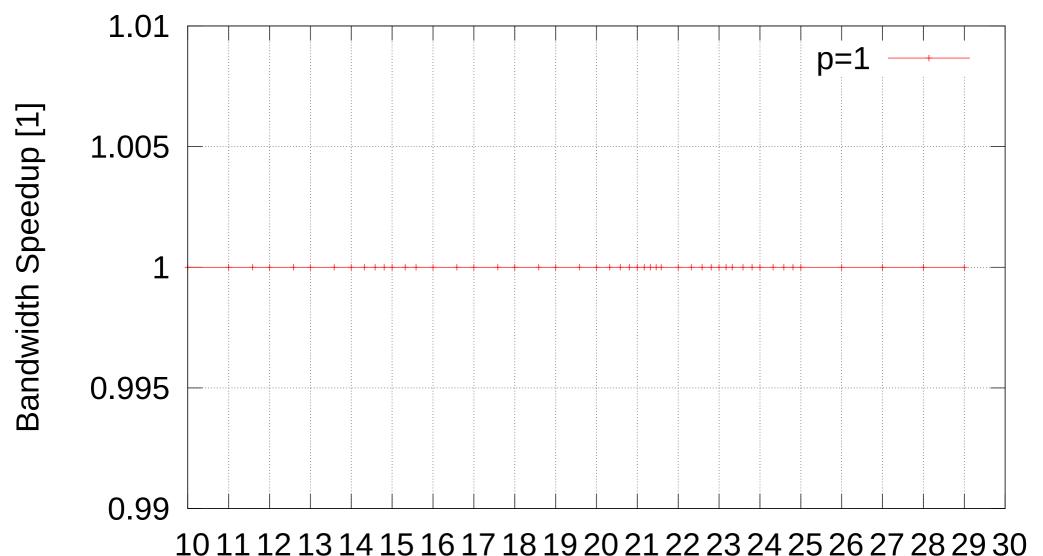


kv7 - Parallel Memory Access Time - cScanWrite32PtrSimpleLoop



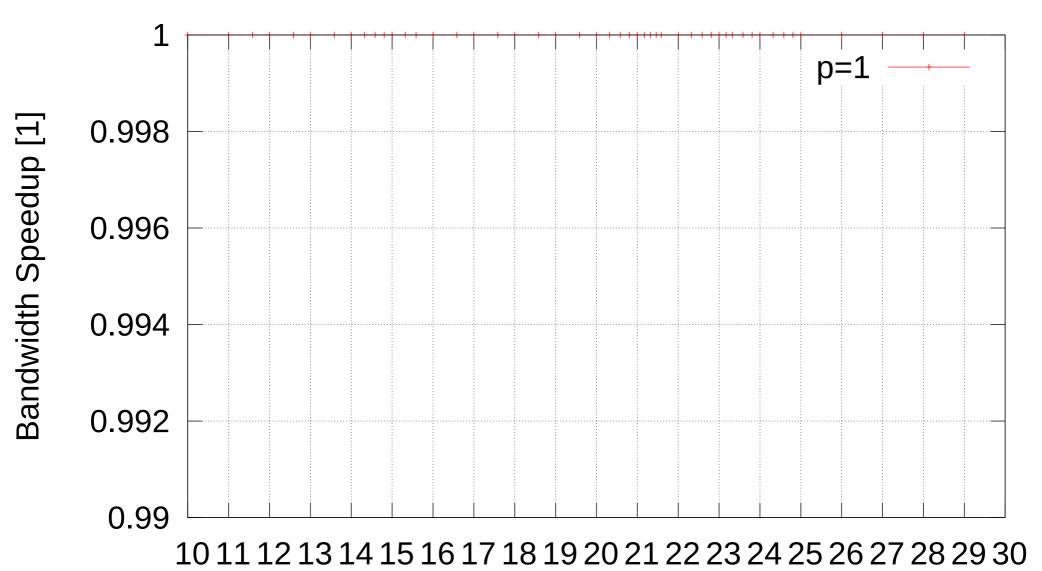
Access Time [ns]

Array Size log<sub>2</sub> [B]



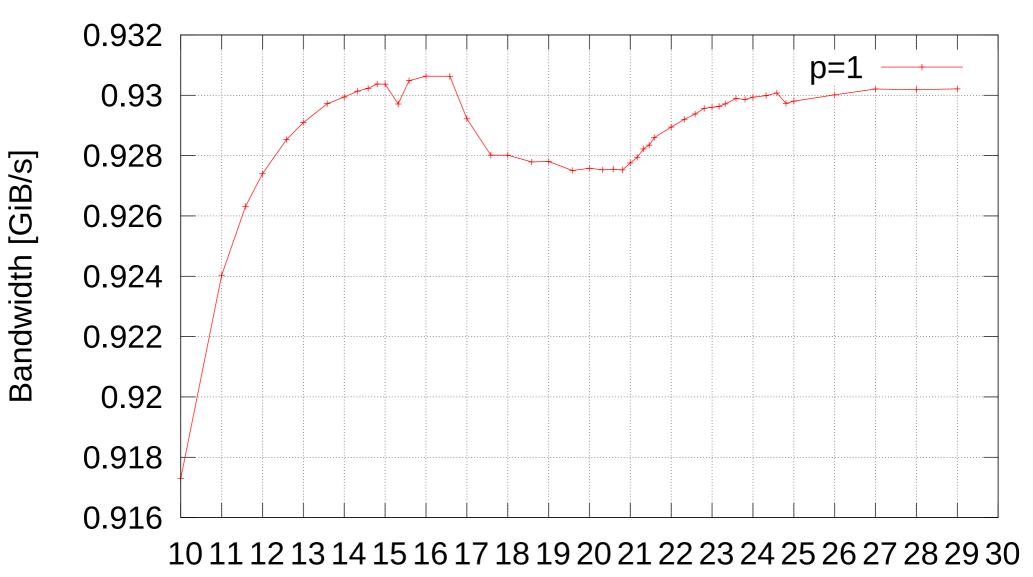
Array Size log<sub>2</sub> [B]

v7 - Speedup of Parallel Memory Bandwidth (enlarged) - cScanWrite32PtrS



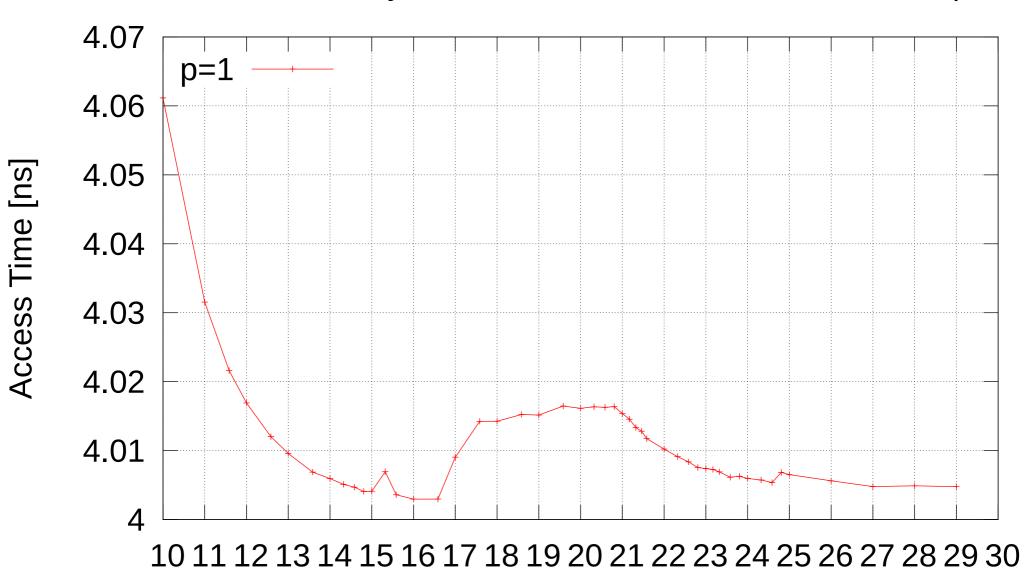
Array Size log<sub>2</sub> [B]

kv7 - Parallel Memory Bandwidth - cScanWrite32IndexSimpleLoop

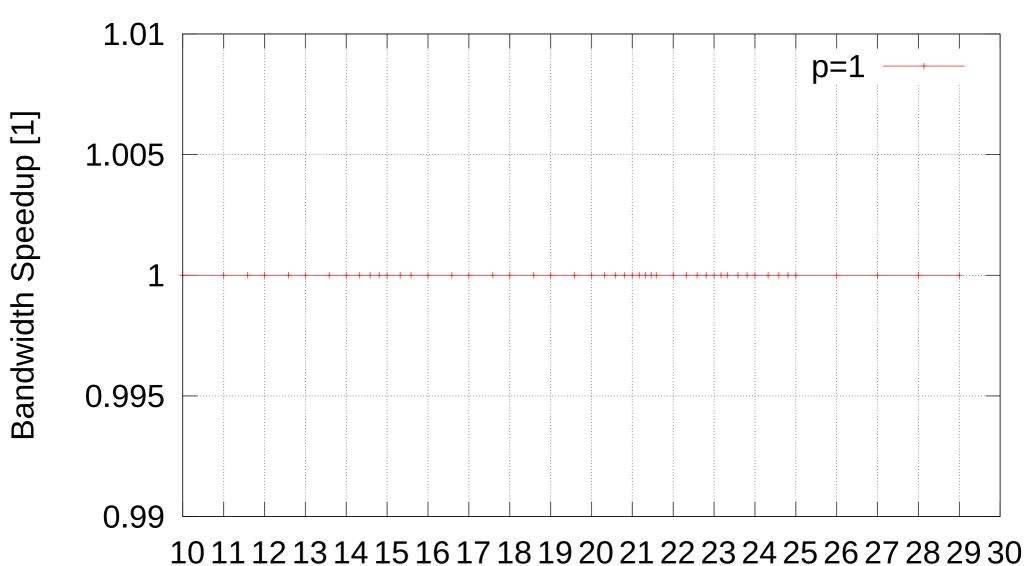


Array Size  $\log_2$  [B]

kv7 - Parallel Memory Access Time - cScanWrite32IndexSimpleLoo

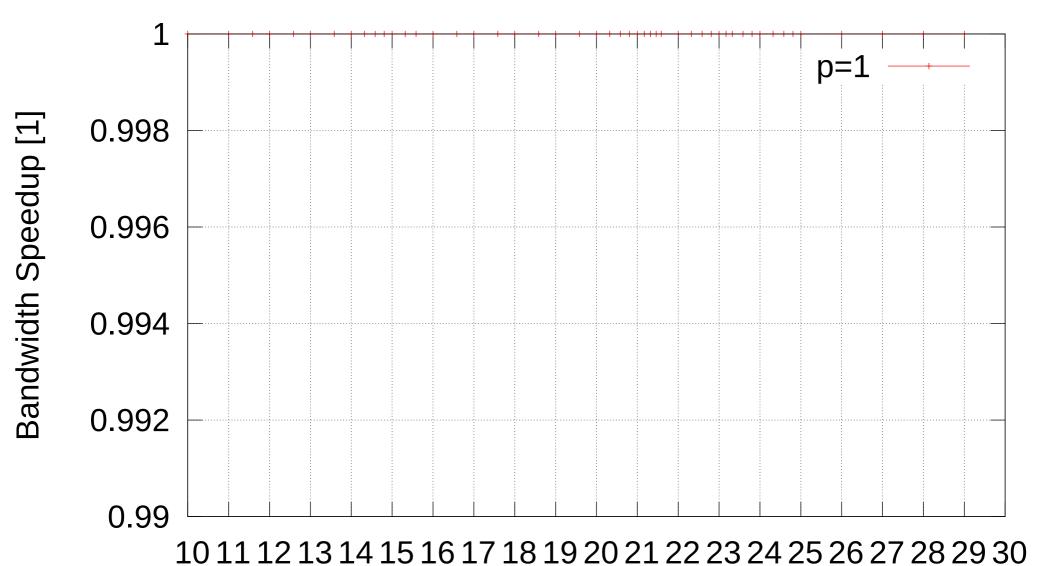


Array Size log<sub>2</sub> [B]



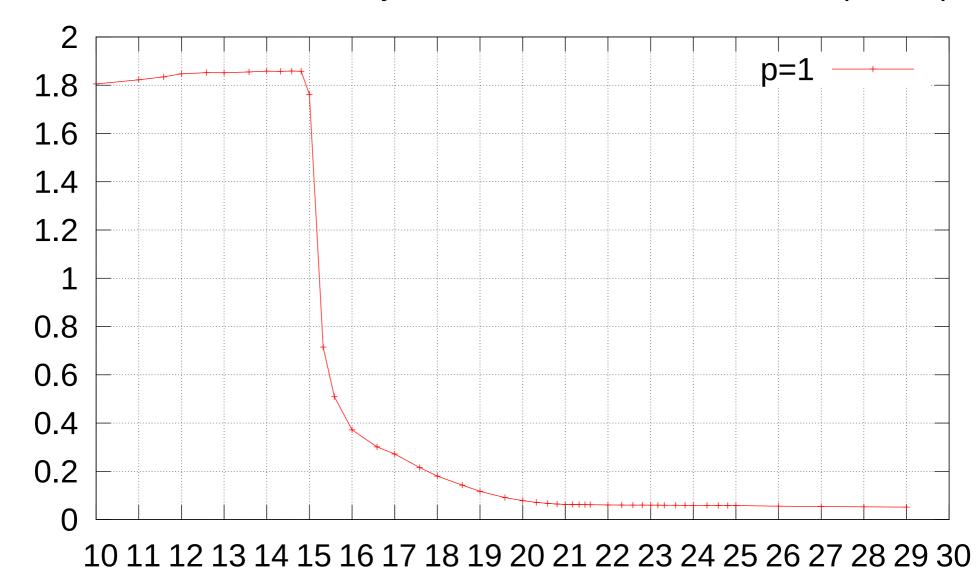
Array Size log<sub>2</sub> [B]

7 - Speedup of Parallel Memory Bandwidth (enlarged) - cScanWrite32Index

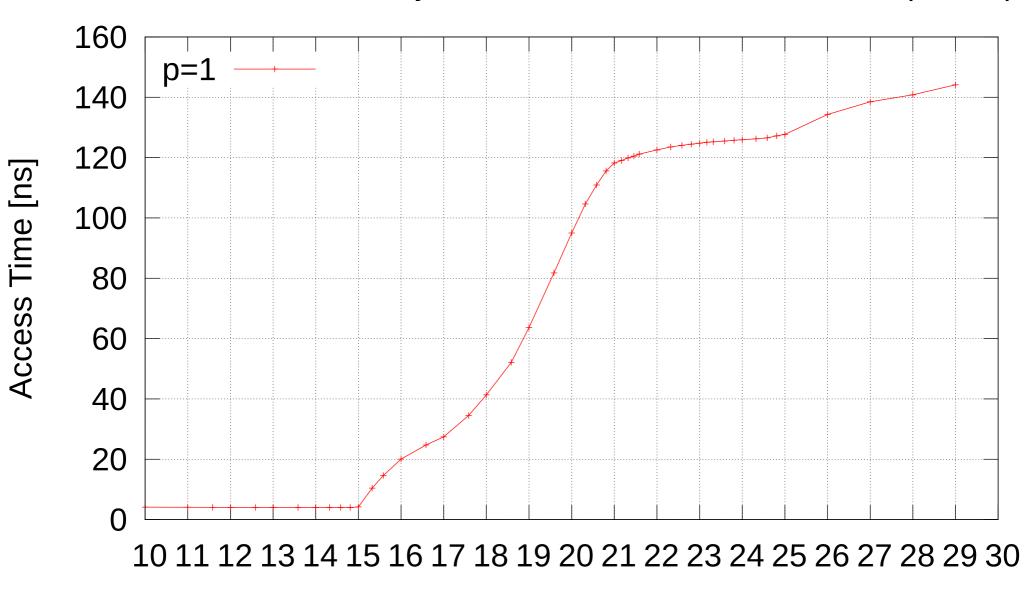


Array Size log<sub>2</sub> [B]

kv7 - Parallel Memory Bandwidth - cPermRead64SimpleLoop

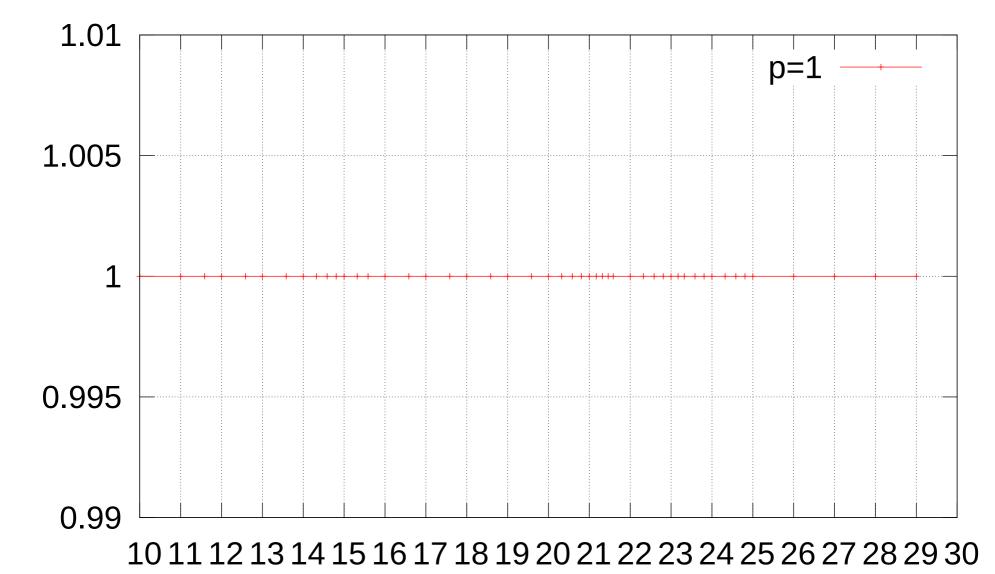


kv7 - Parallel Memory Access Time - cPermRead64SimpleLoop



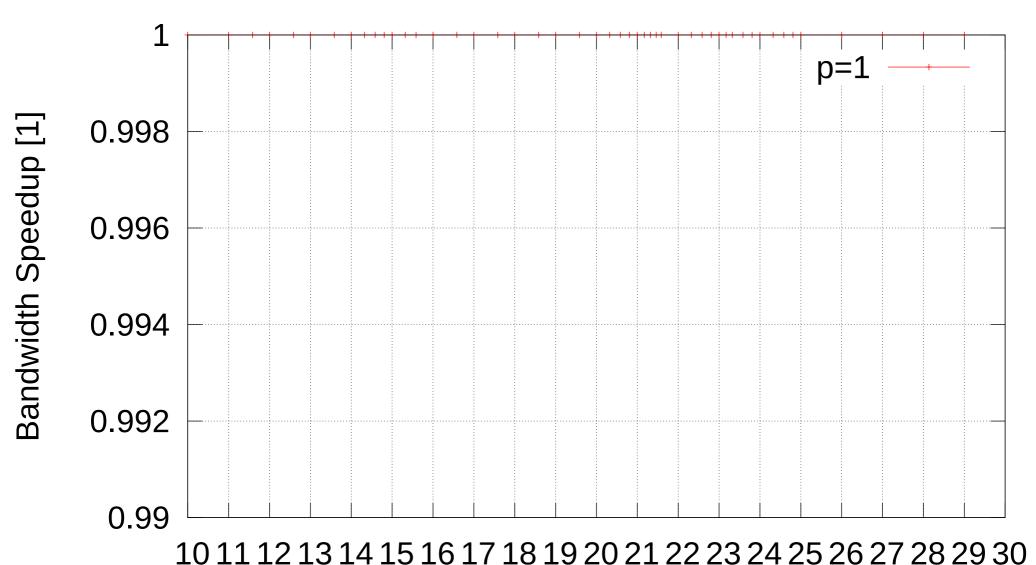
Array Size log<sub>2</sub> [B]

kv7 - Speedup of Parallel Memory Bandwidth - cPermRead64SimpleL



Array Size log<sub>2</sub> [B]

kv7 - Speedup of Parallel Memory Bandwidth (enlarged) - cPermRead64Si



Array Size log<sub>2</sub> [B]