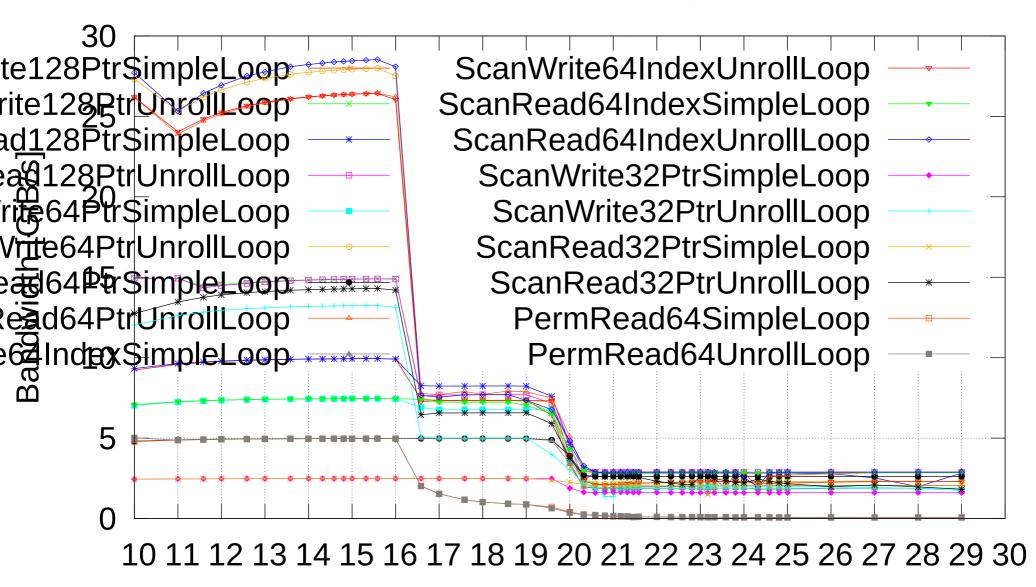
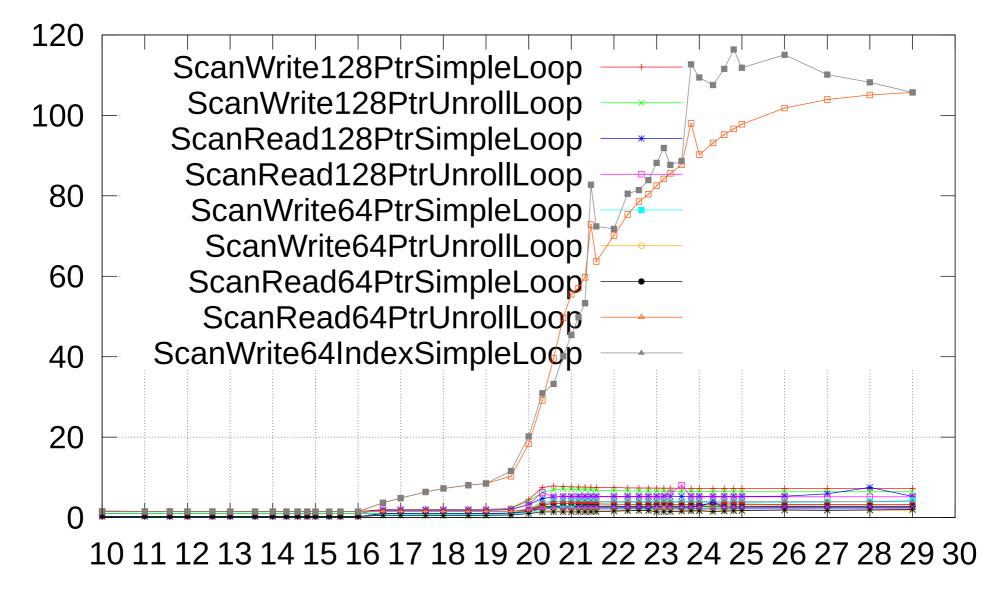
issdm-6 - One Thread Memory Bandwidth

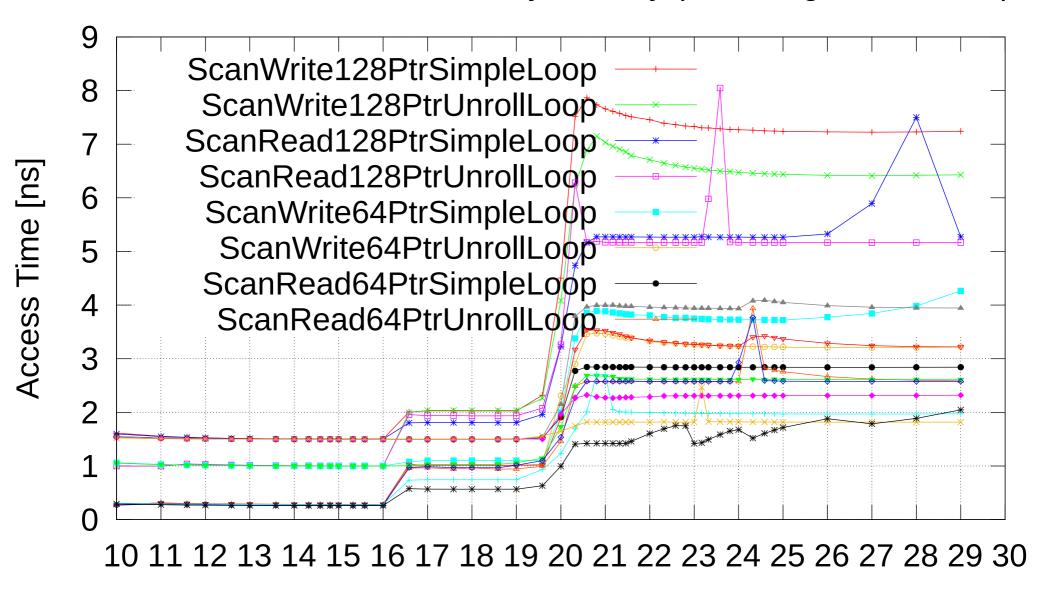


issdm-6 - One Thread Memory Latency (Access Time)

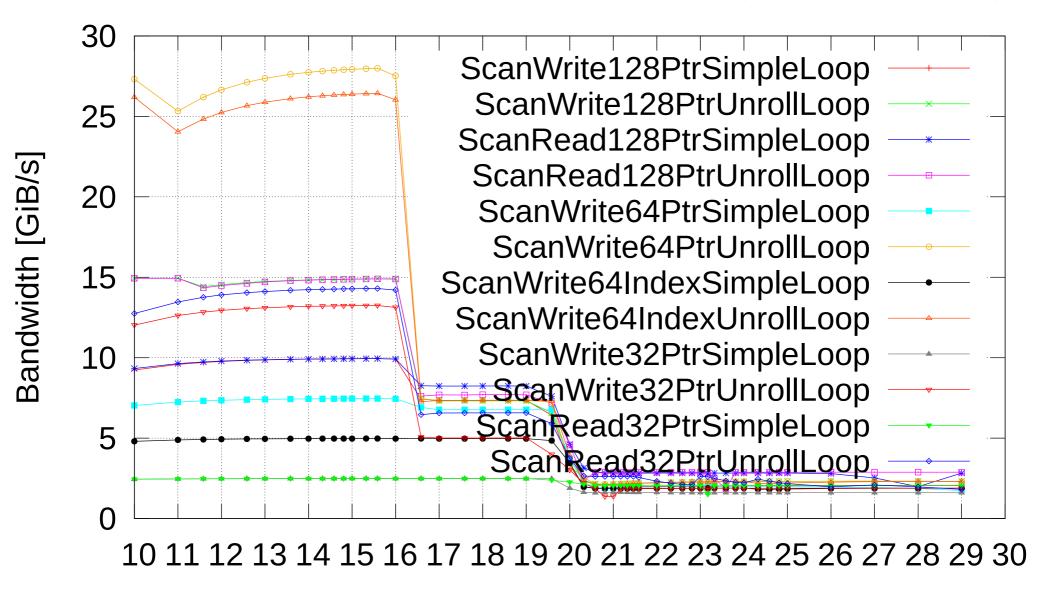


Access Time [ns]

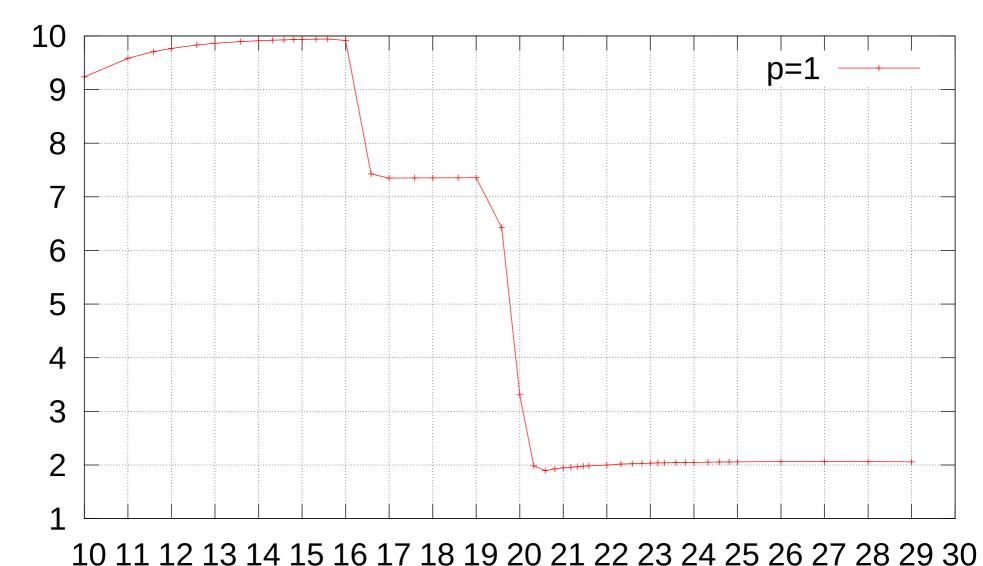
issdm-6 - One Thread Memory Latency (excluding Permutation)



issdm-6 - One Thread Memory Bandwidth (only 64-bit Reads)

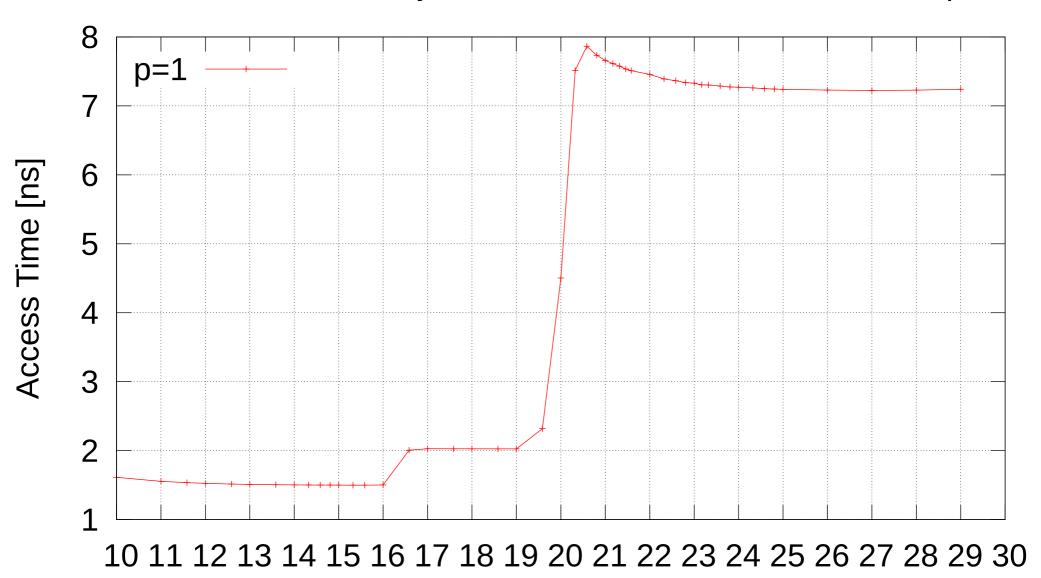


issdm-6 - Parallel Memory Bandwidth - ScanWrite128PtrSimpleLoop



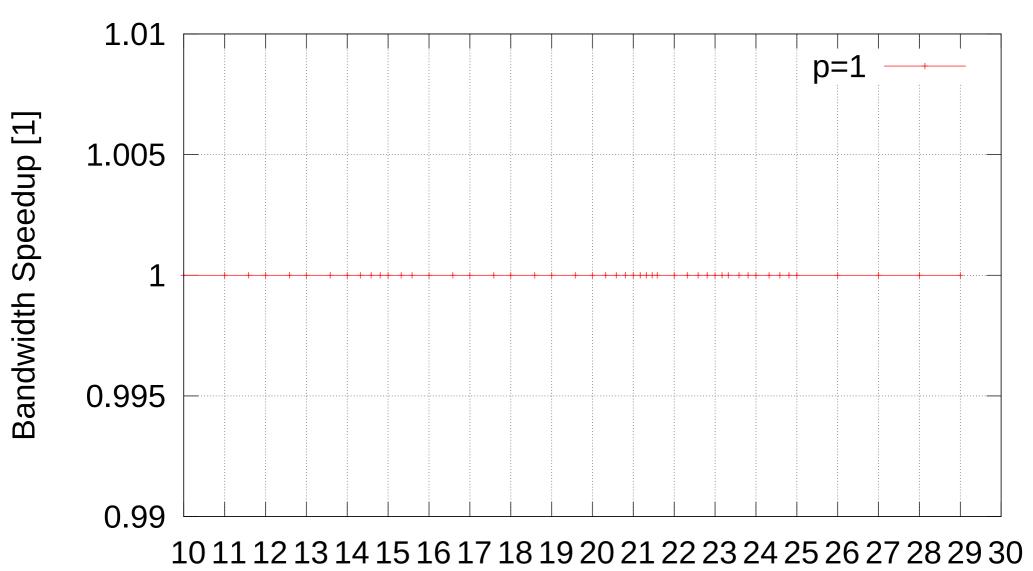
Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanWrite128PtrSimpleLoop



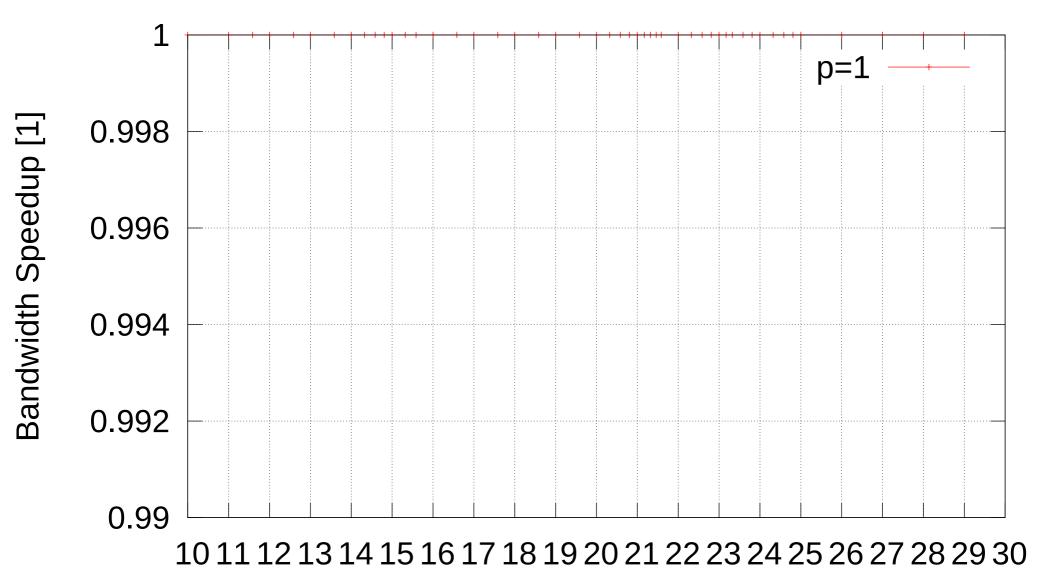
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanWrite128PtrSim

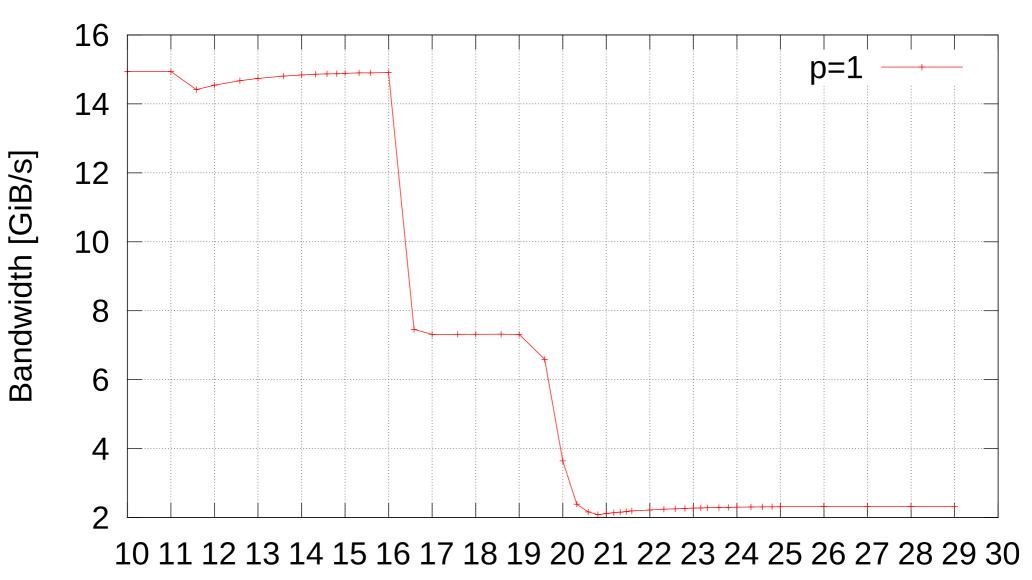


Array Size log₂ [B]

lm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128P

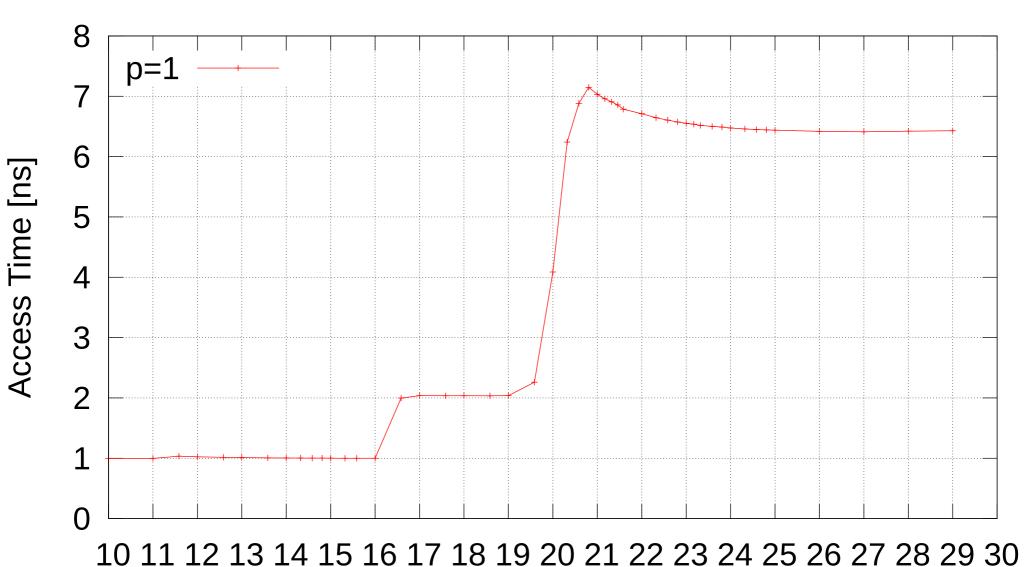


Array Size log₂ [B]

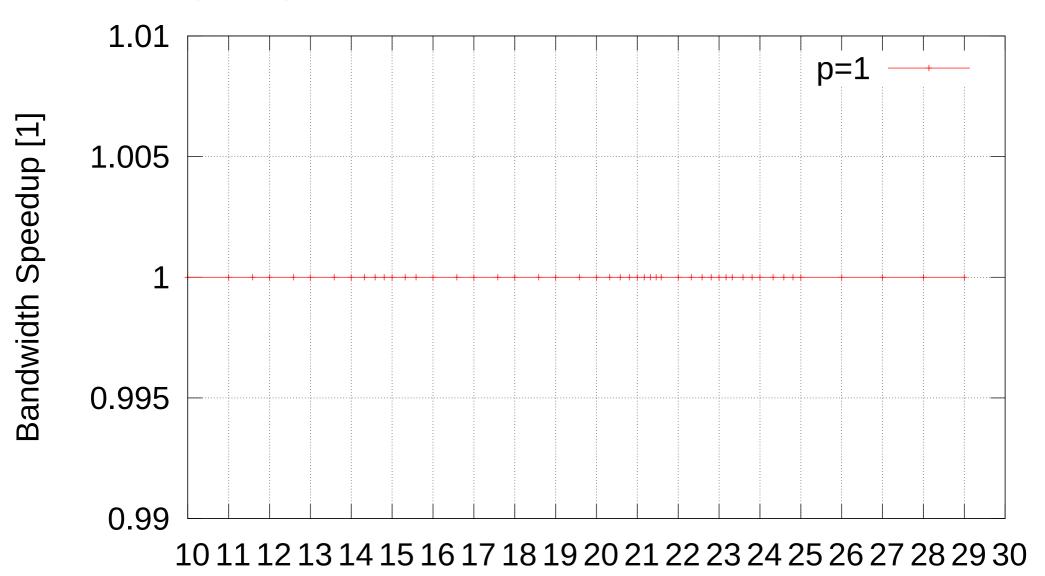


Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanWrite128PtrUnrollLoop

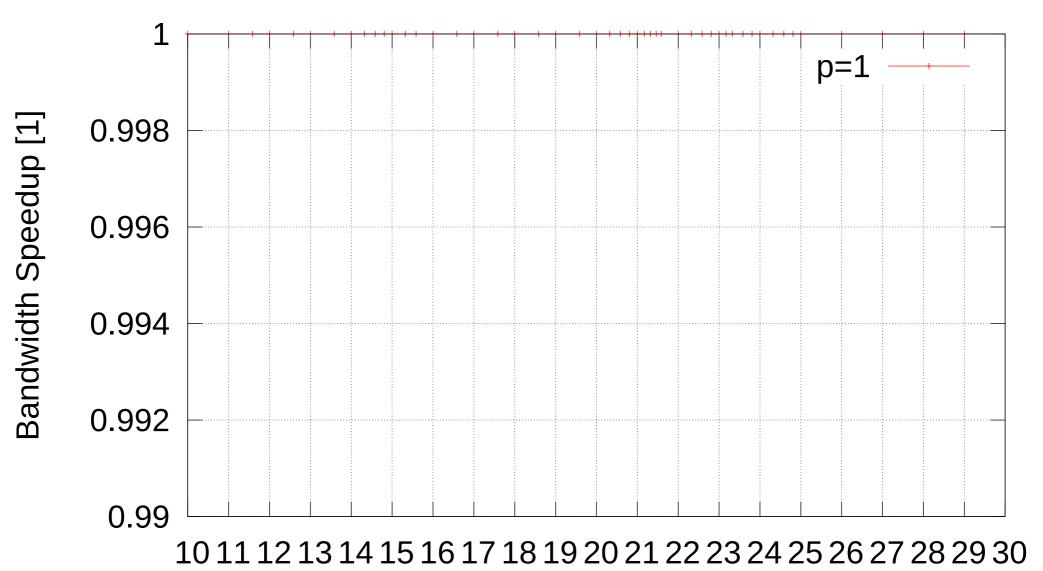


issdm-6 - Speedup of Parallel Memory Bandwidth - ScanWrite128PtrUnr



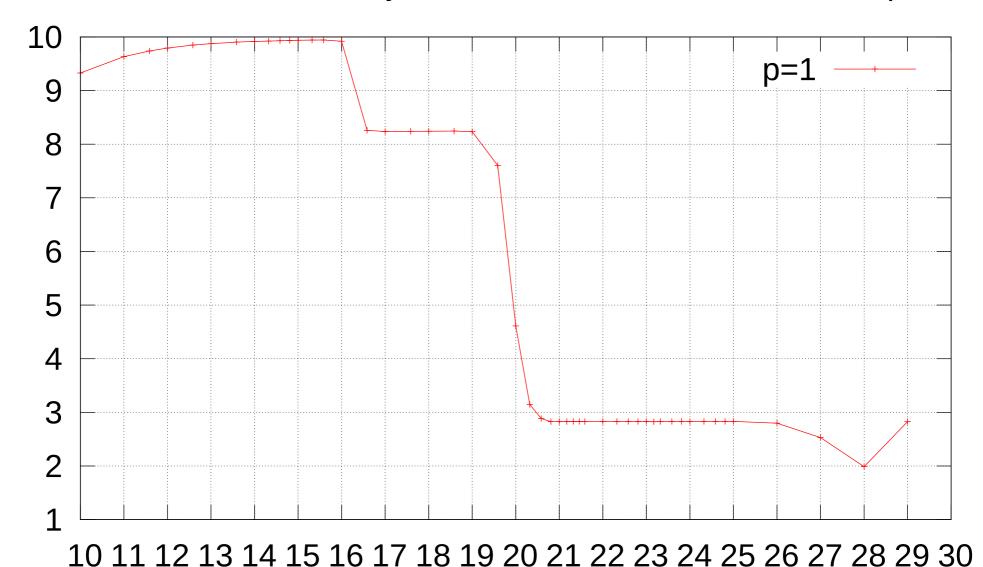
Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128F



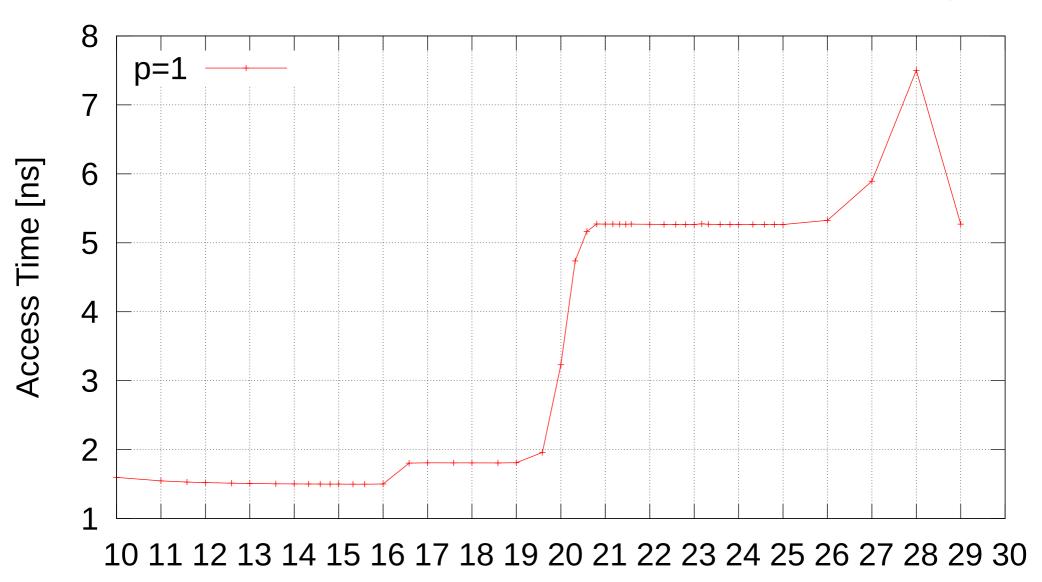
Array Size log_2 [B]

issdm-6 - Parallel Memory Bandwidth - ScanRead128PtrSimpleLoop



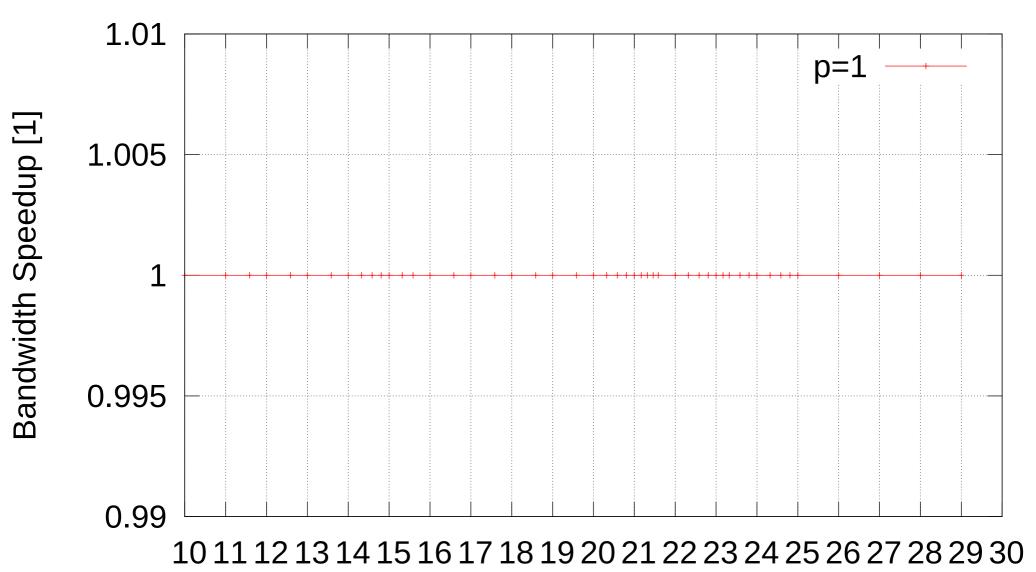
Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanRead128PtrSimpleLoop



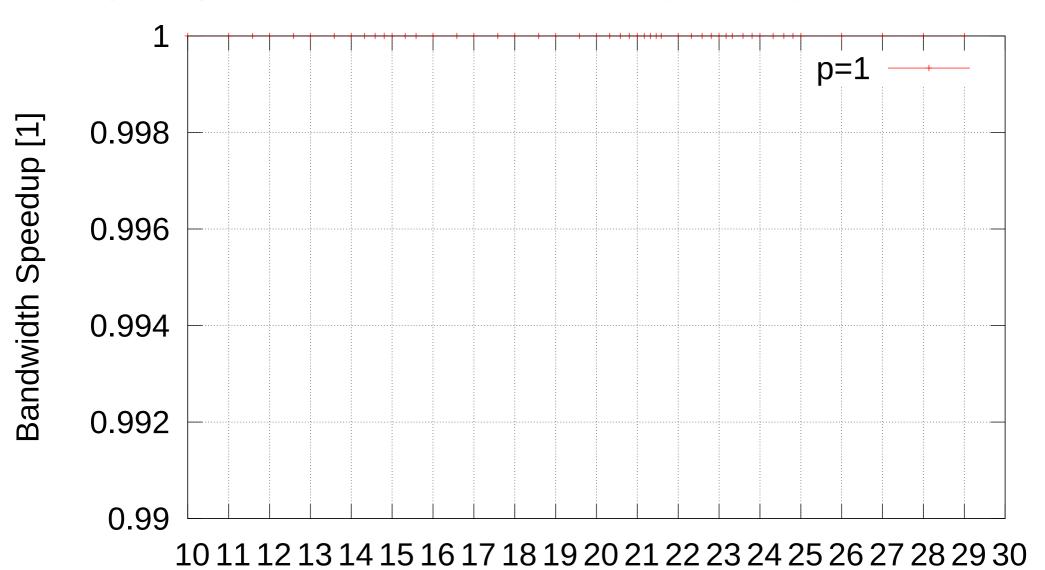
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanRead128PtrSim



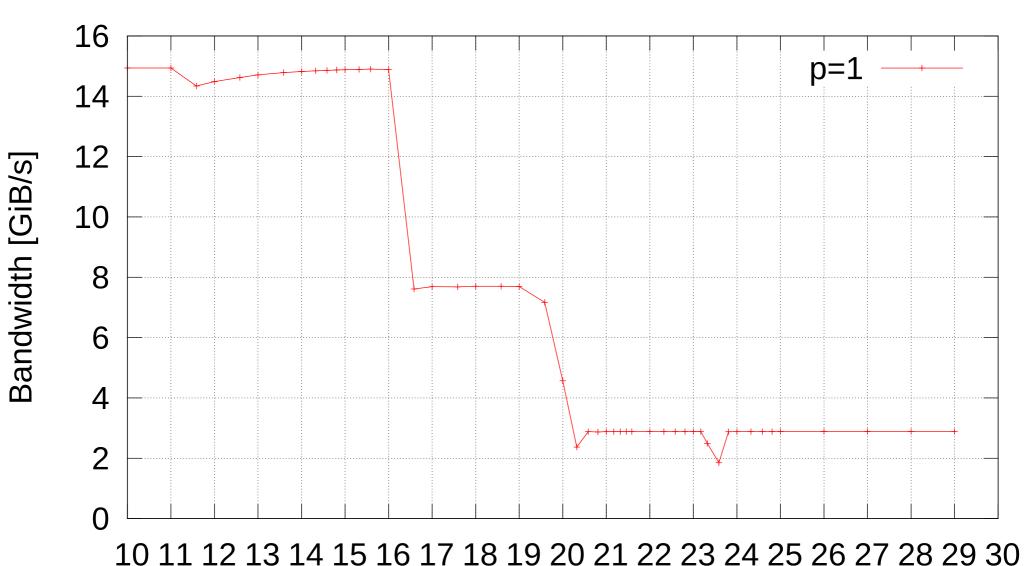
Array Size log₂ [B]

lm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128P



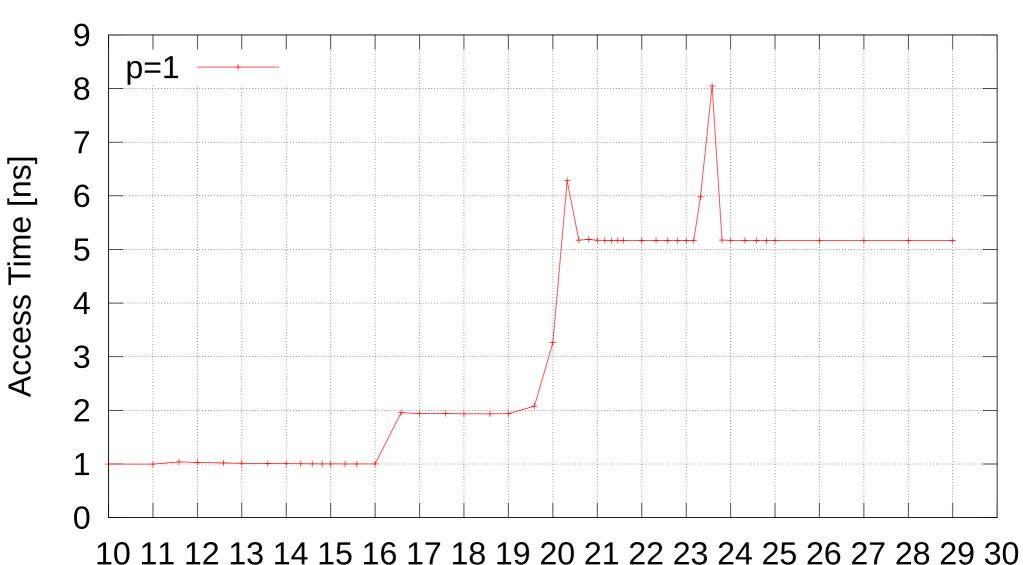
Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanRead128PtrUnrollLoop



Array Size log₂ [B]

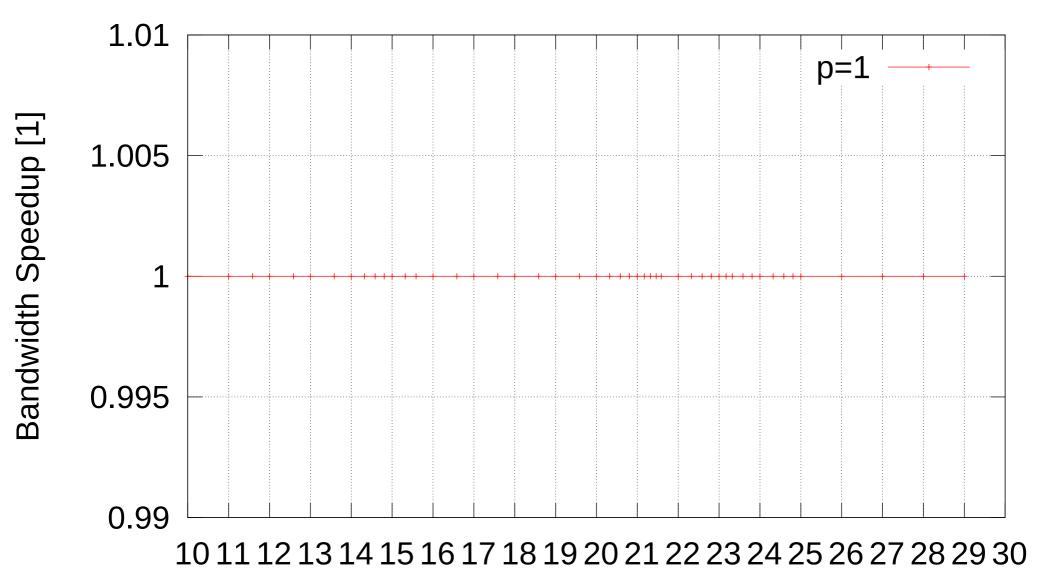
issdm-6 - Parallel Memory Access Time - ScanRead128PtrUnrollLoop



7 17 10 13 20 21 22 20 24 20 20 21 20 23 00

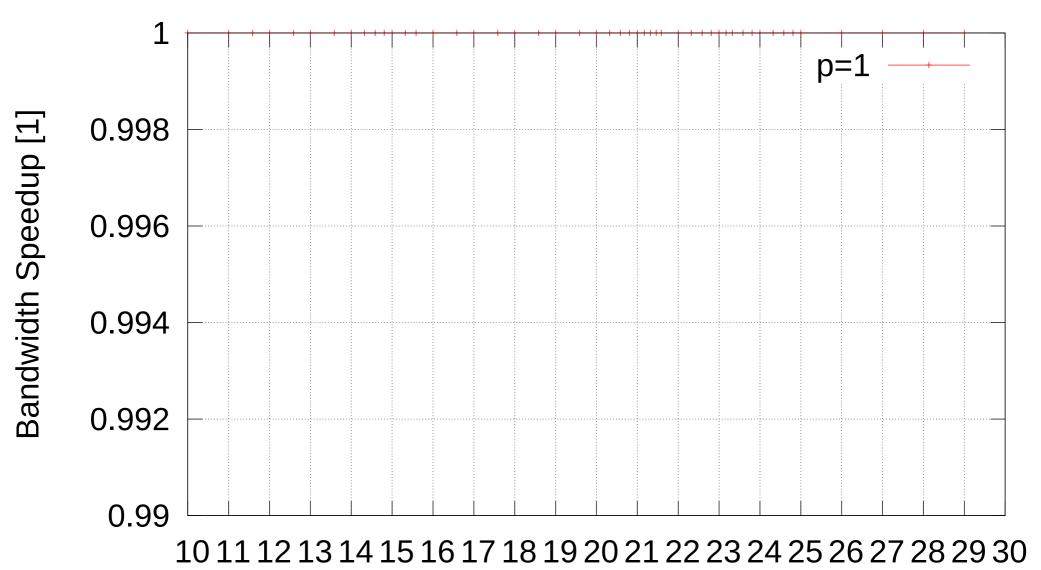
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanRead128PtrUnr



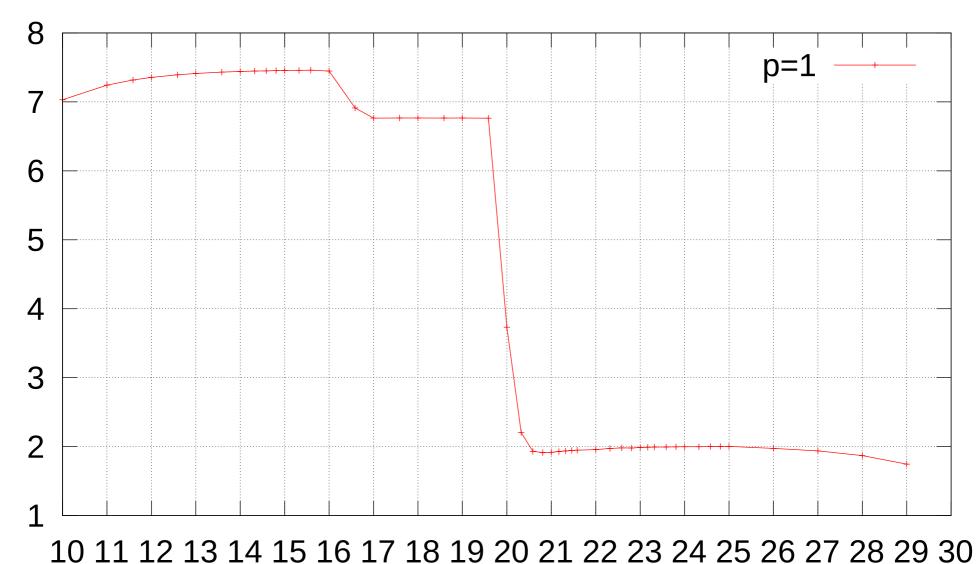
Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128F



Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop

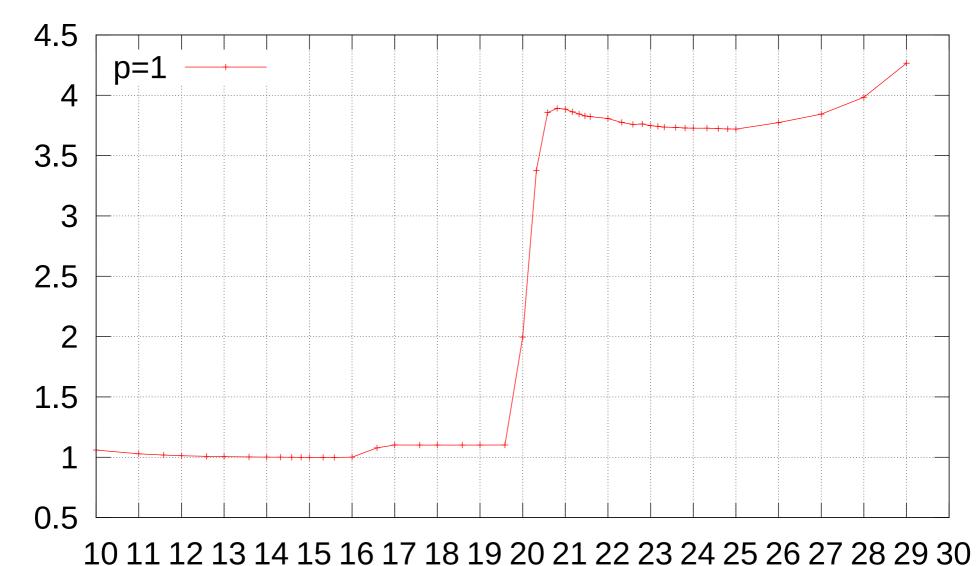


Bandwidth [GiB/s]

3 11 10 13 20 21 22 23 24 23 20 21 20 23 30

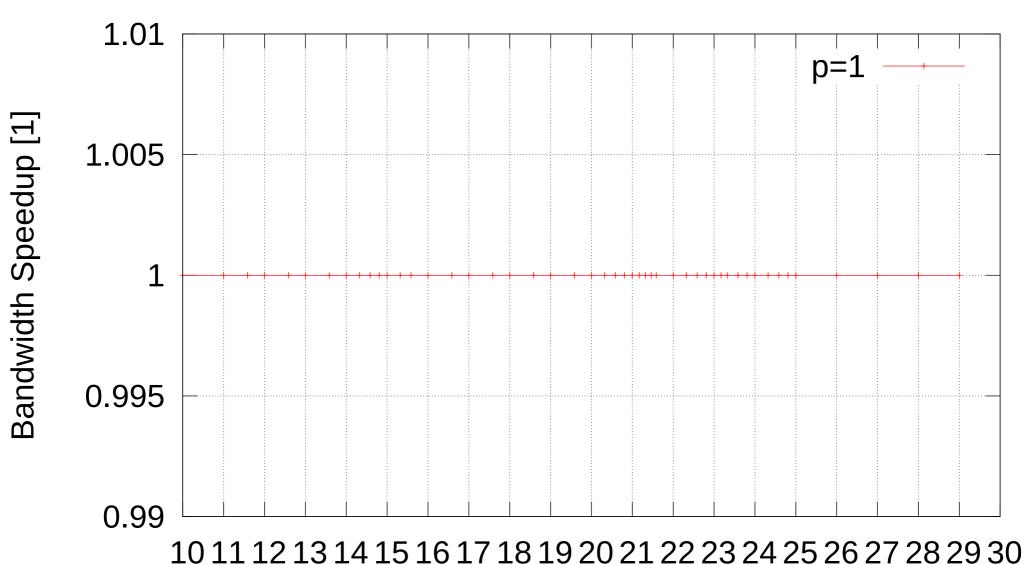
Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanWrite64PtrSimpleLoop



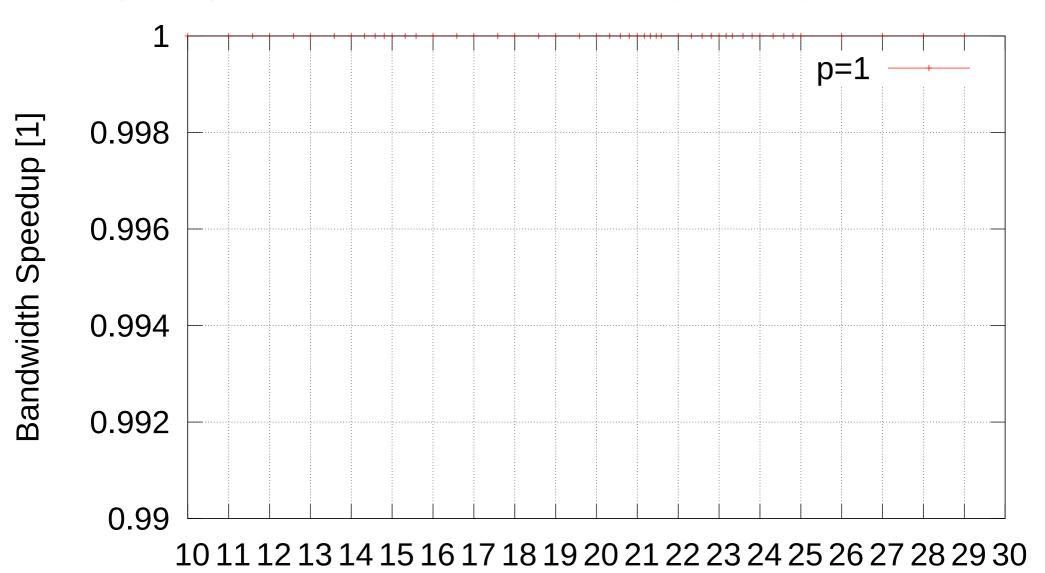
0 17 10 10 20 21 22 20 24 20 20 27 20 20 00

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrSimp



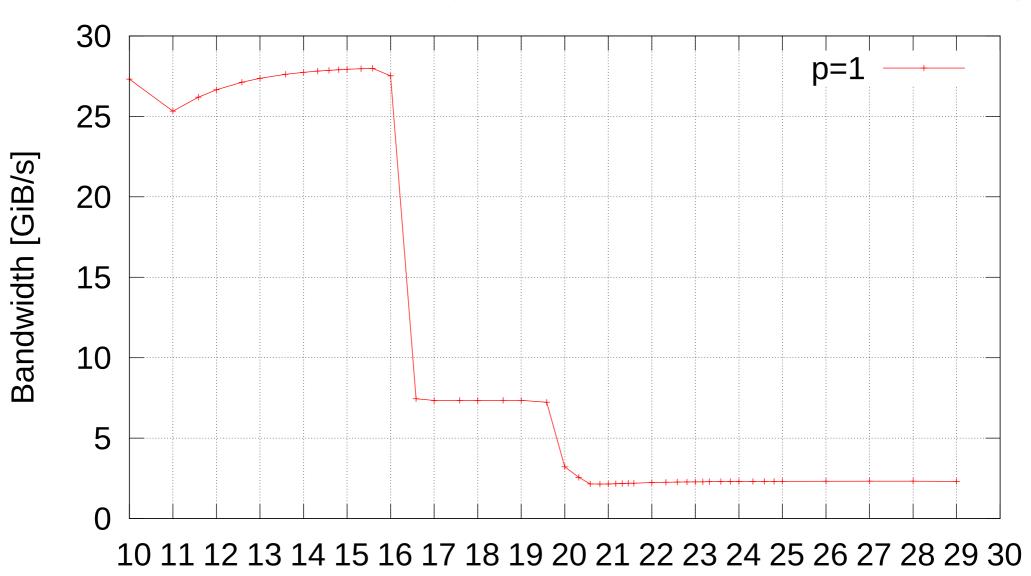
Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64Pt

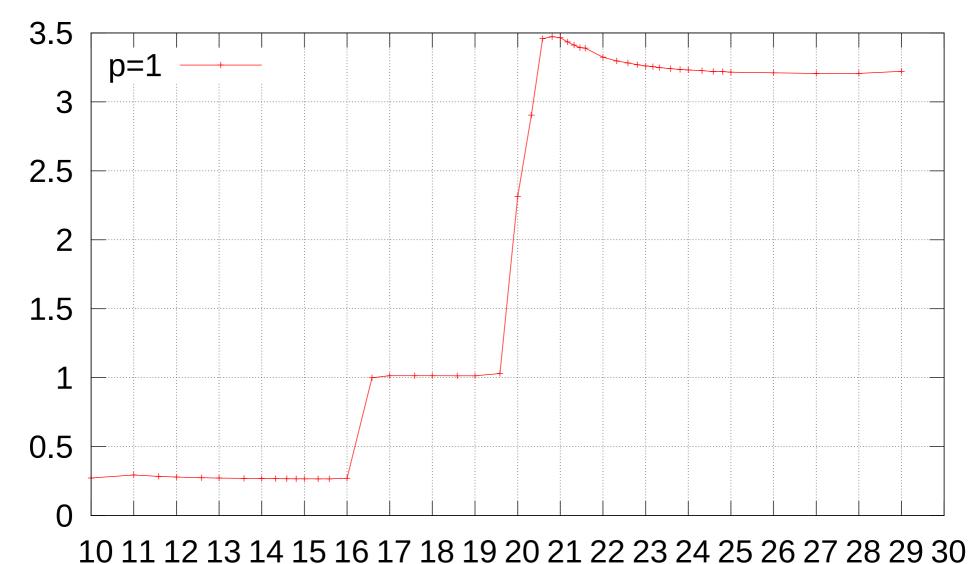


Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop



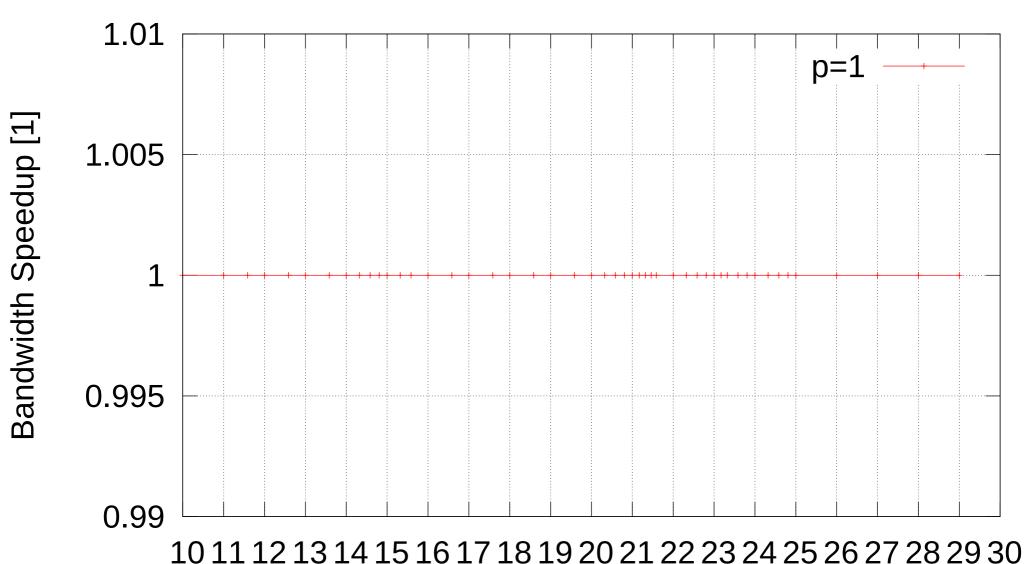
Array Size log₂ [B]



Access Time [ns]

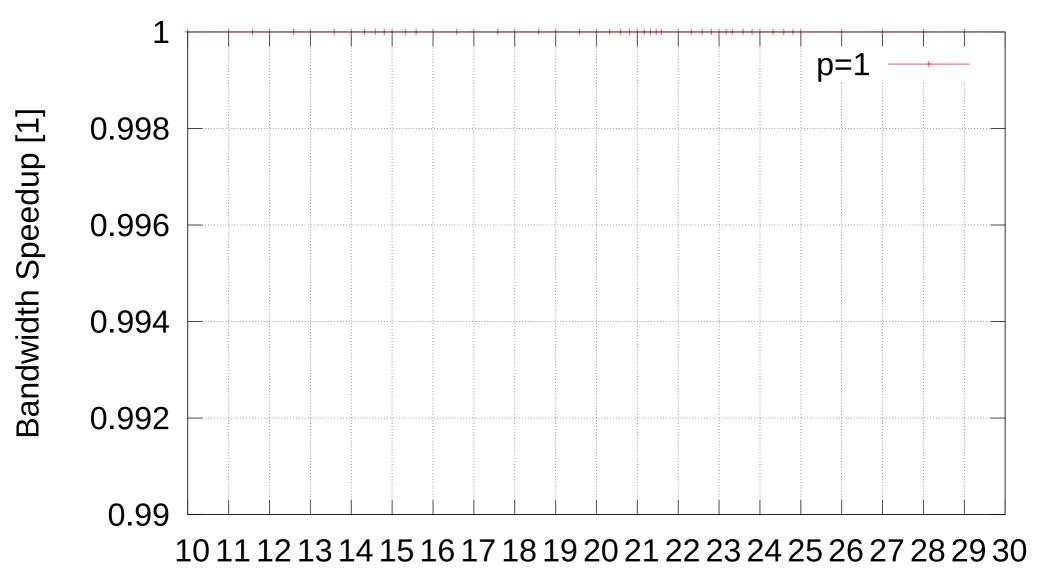
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrUnro



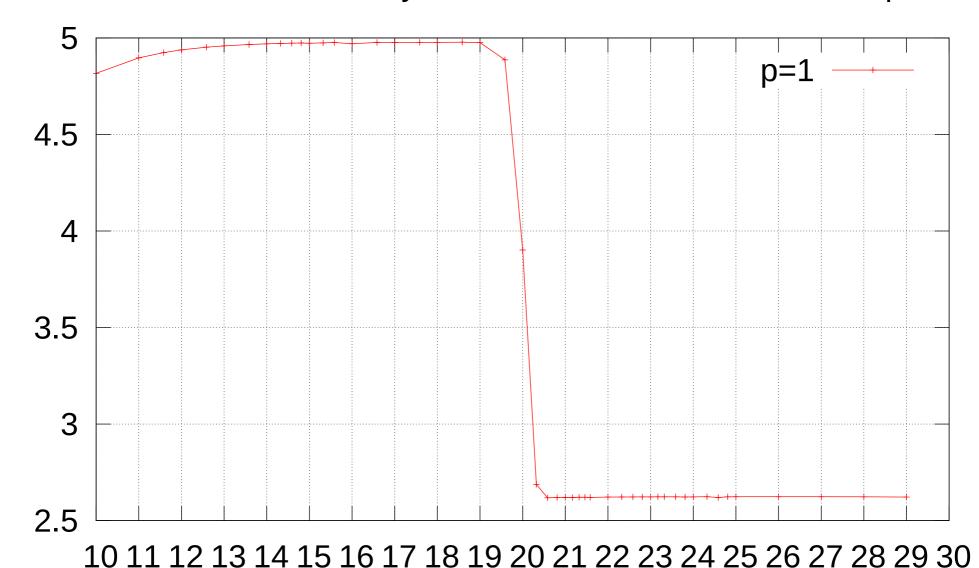
Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64Pt



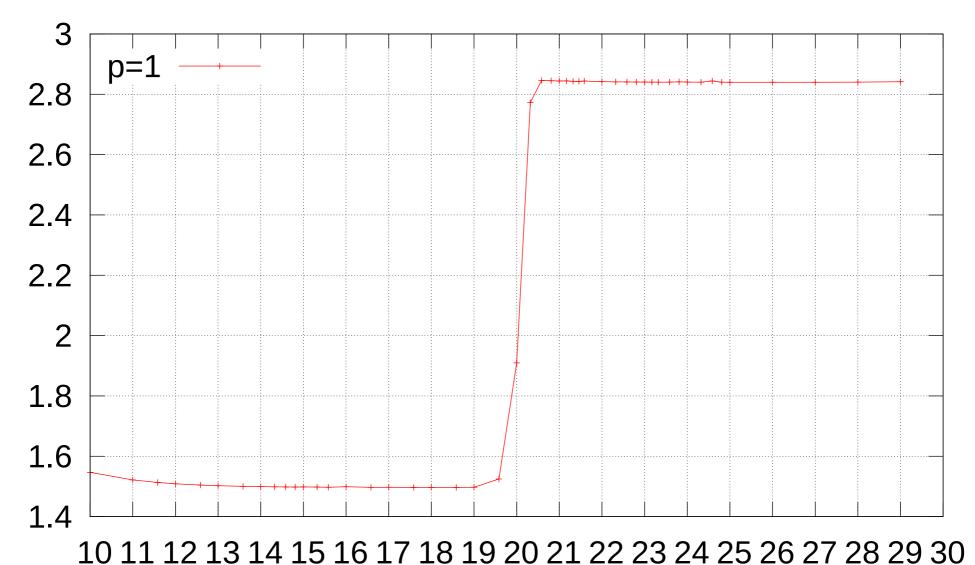
Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop



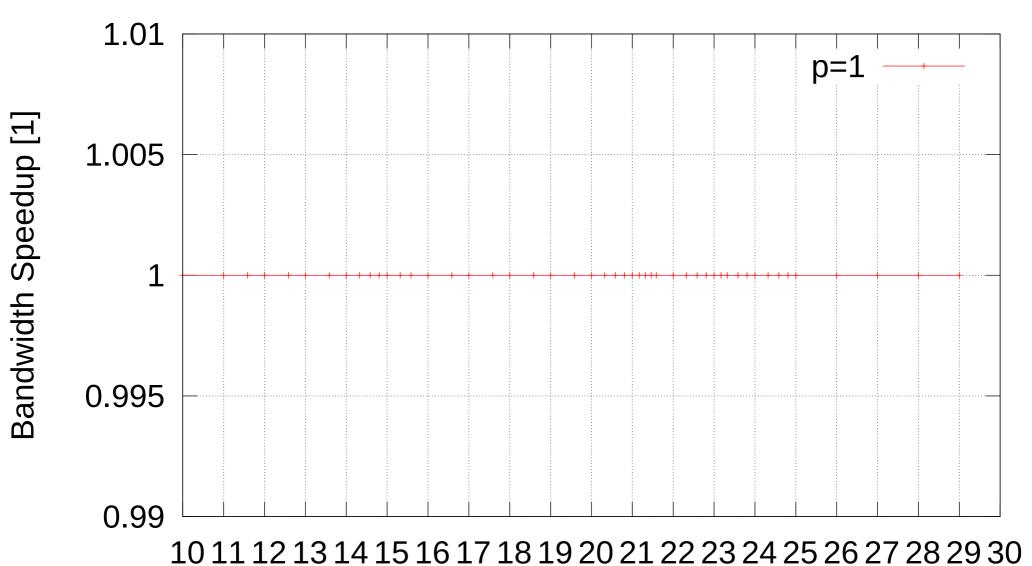
Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanRead64PtrSimpleLoop



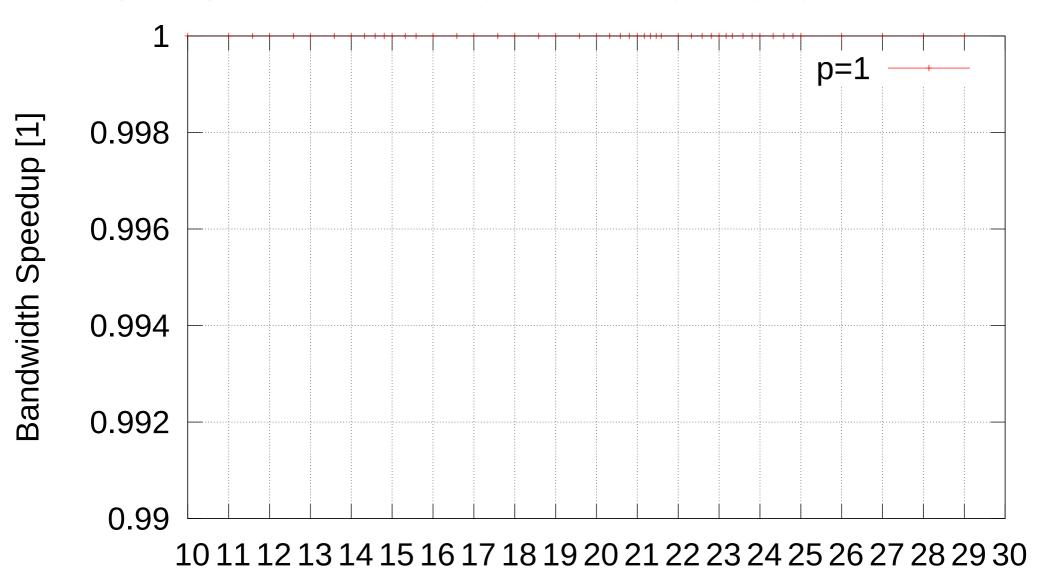
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanRead64PtrSimp



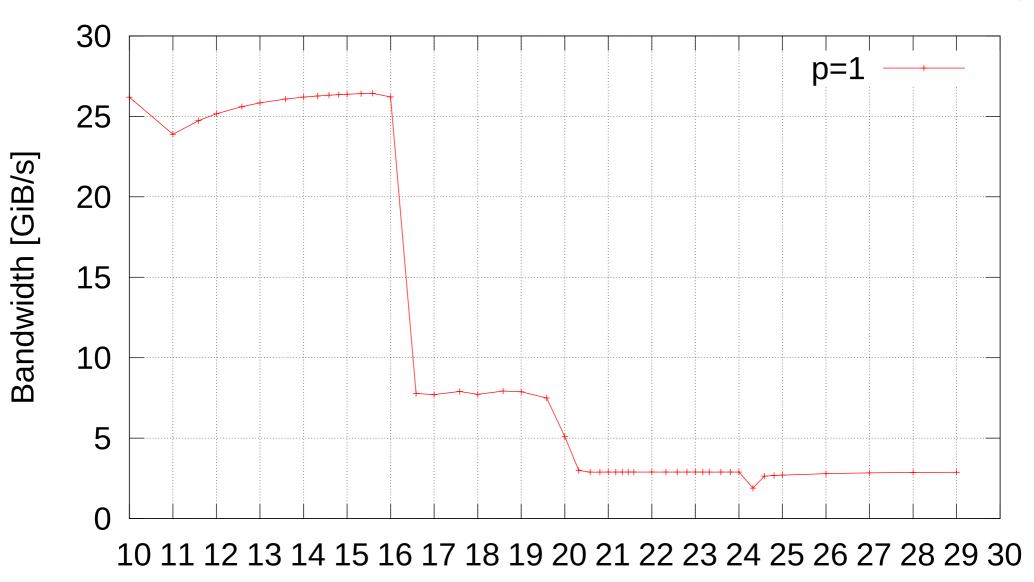
Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64Pt



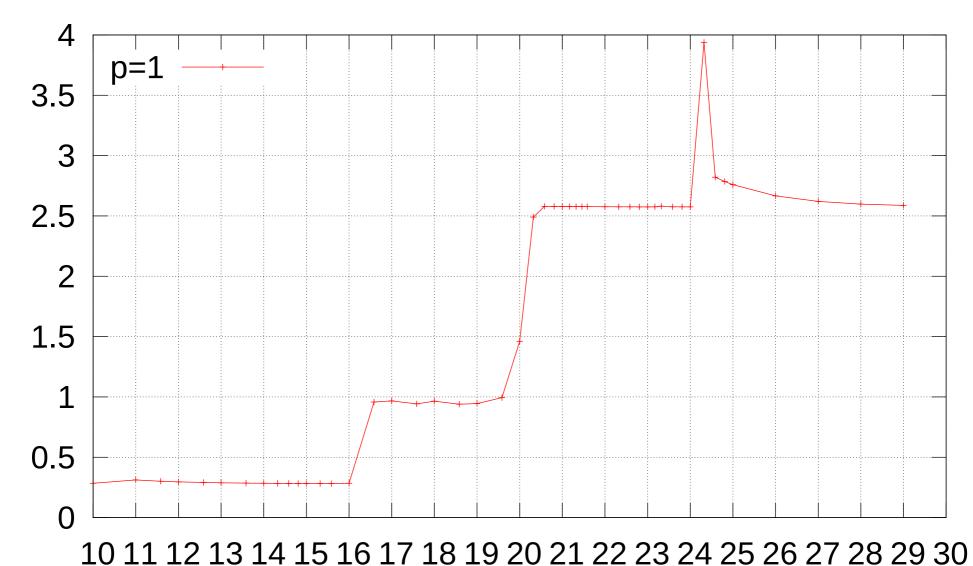
Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop



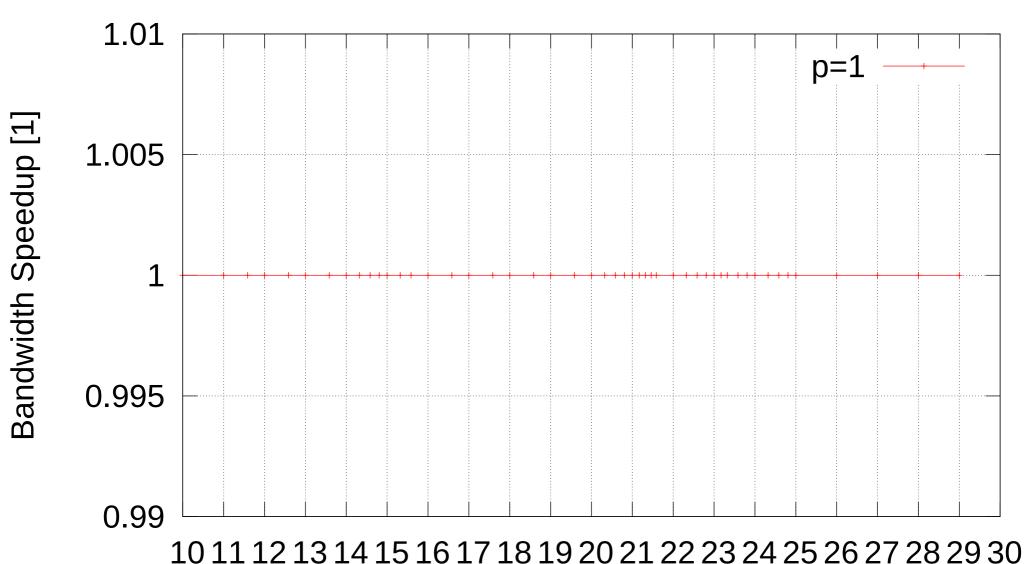
Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanRead64PtrUnrollLoop



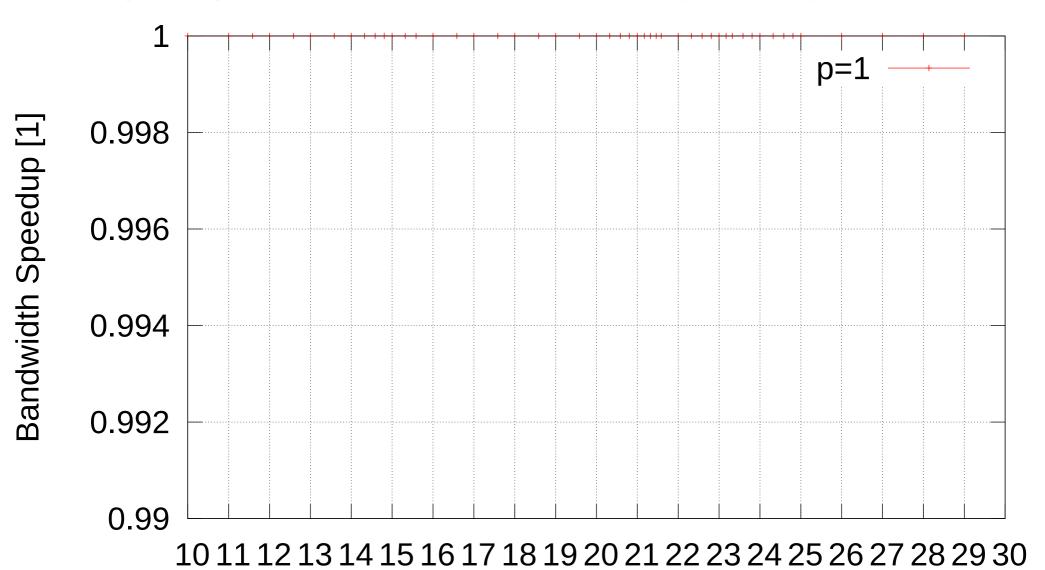
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanRead64PtrUnro



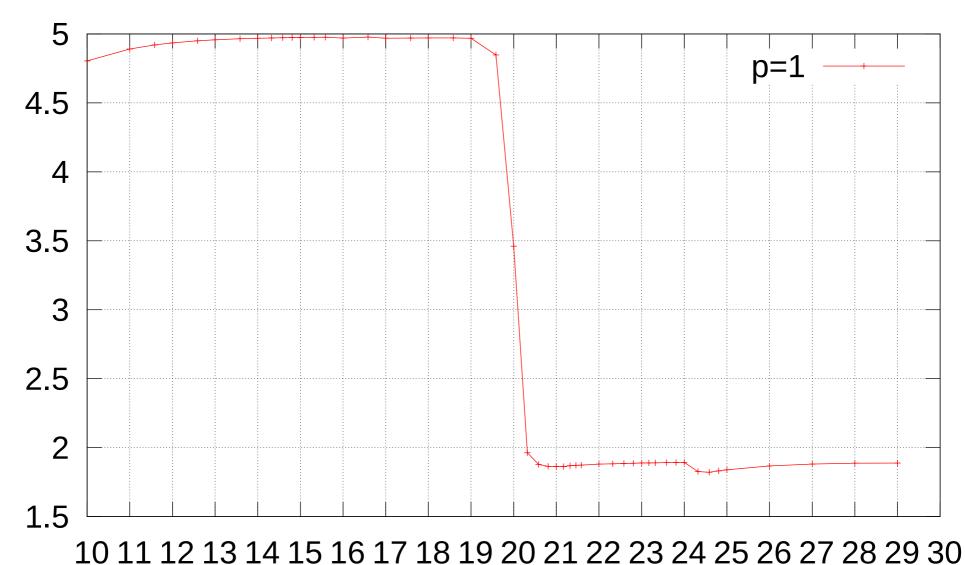
Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64P

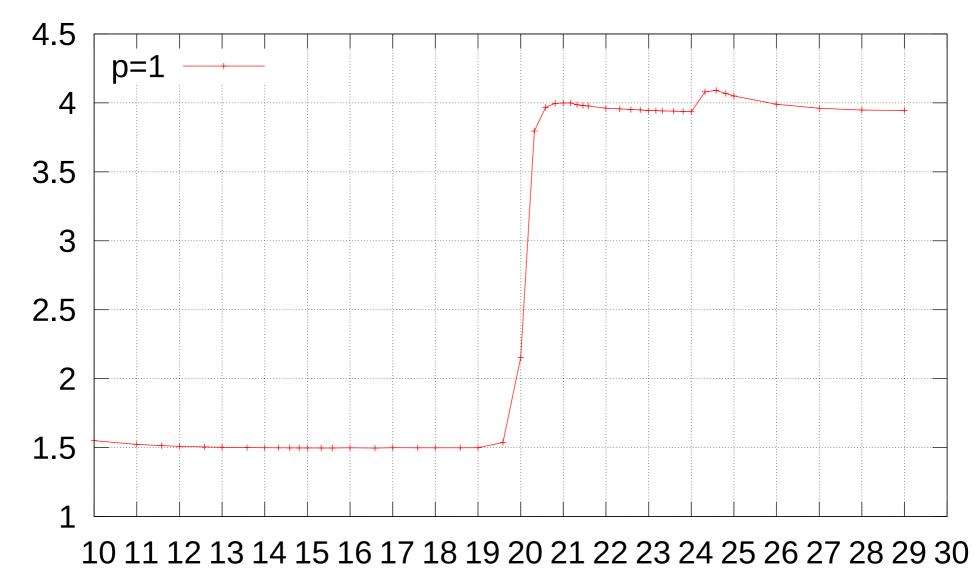


Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoo



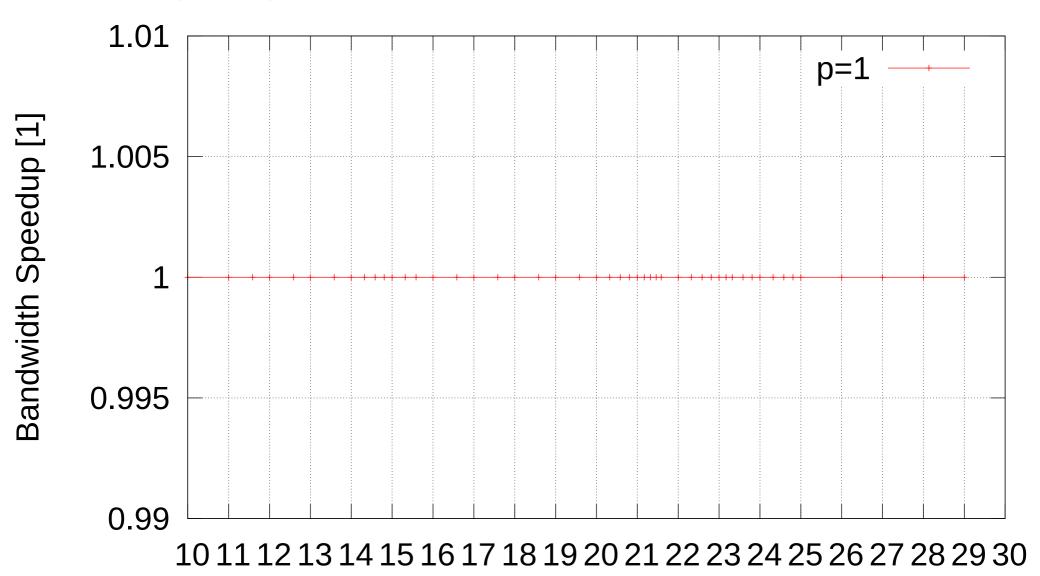
Array Size log₂ [B]



Access Time [ns]

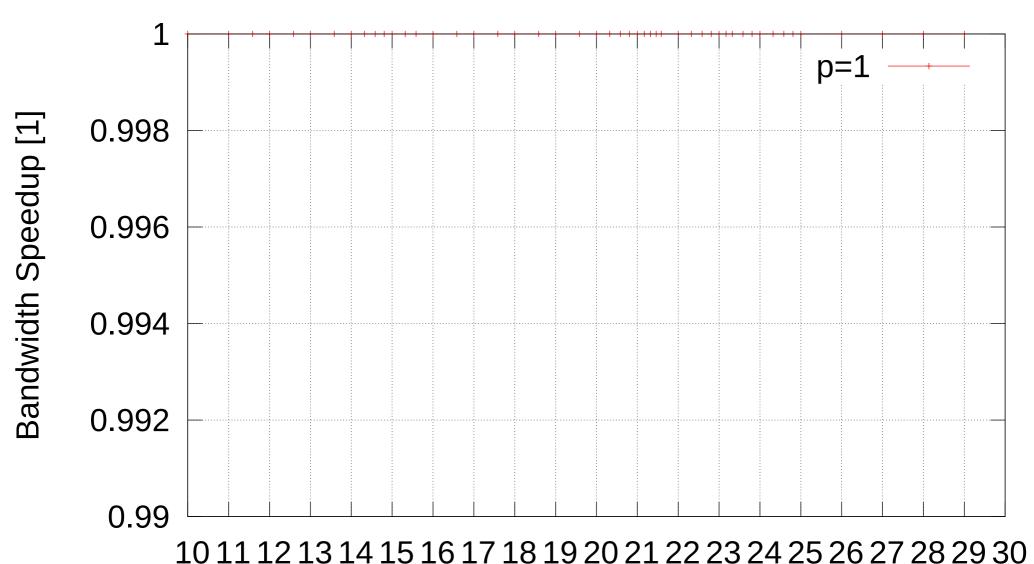
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanWrite64IndexSim

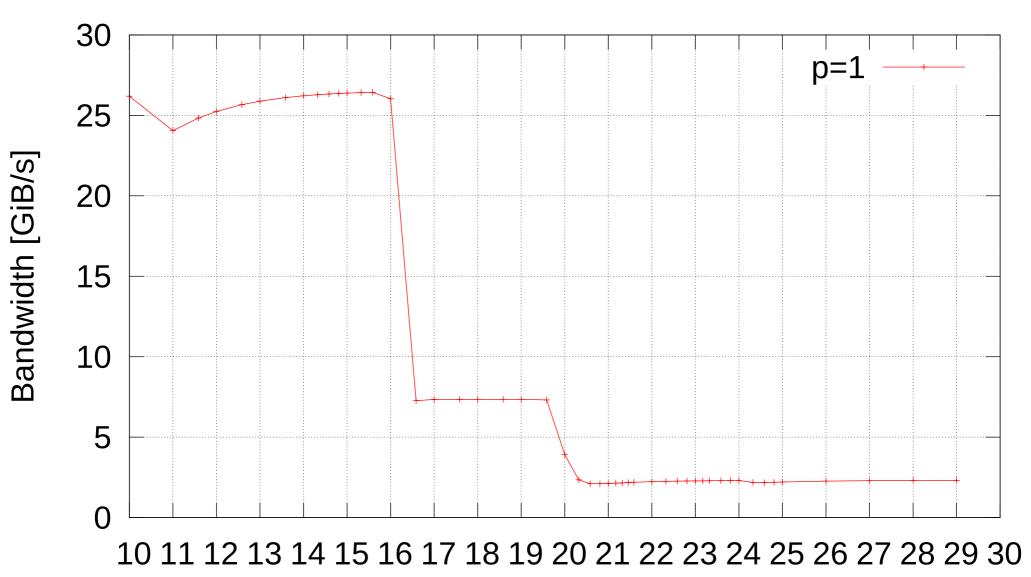


Array Size log₂ [B]

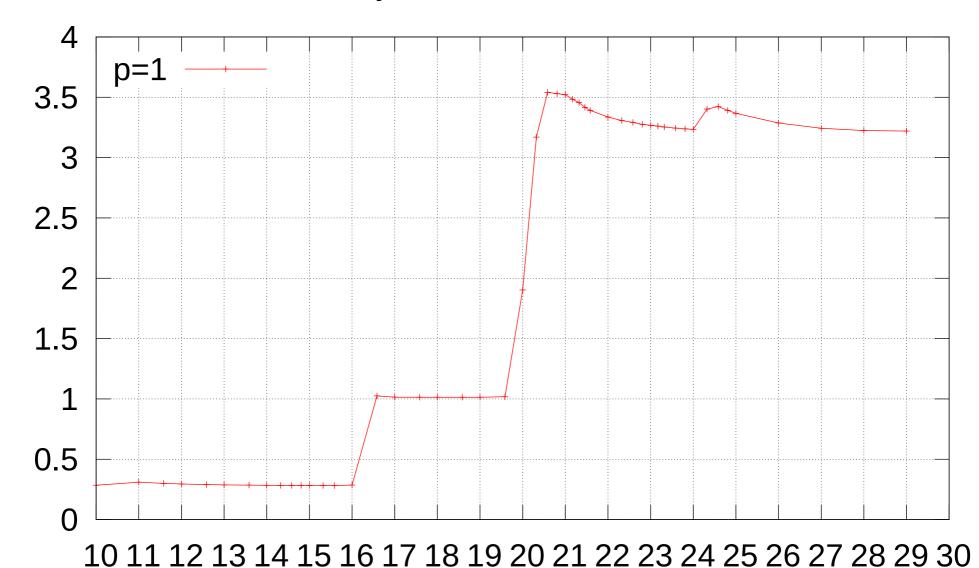
m-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64Inde



Array Size log₂ [B]

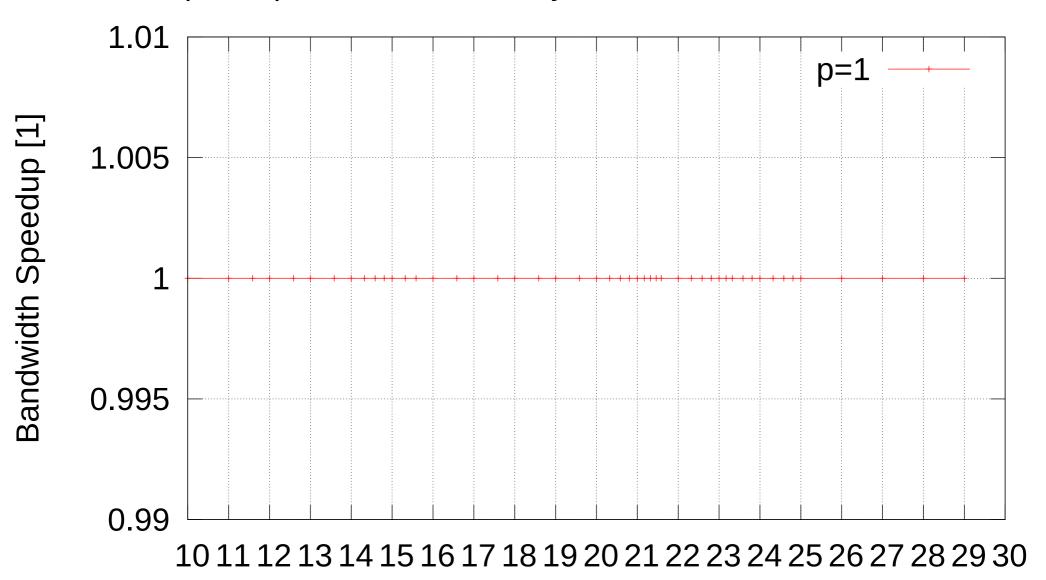


issdm-6 - Parallel Memory Access Time - ScanWrite64IndexUnrollLoc



Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanWrite64IndexUn



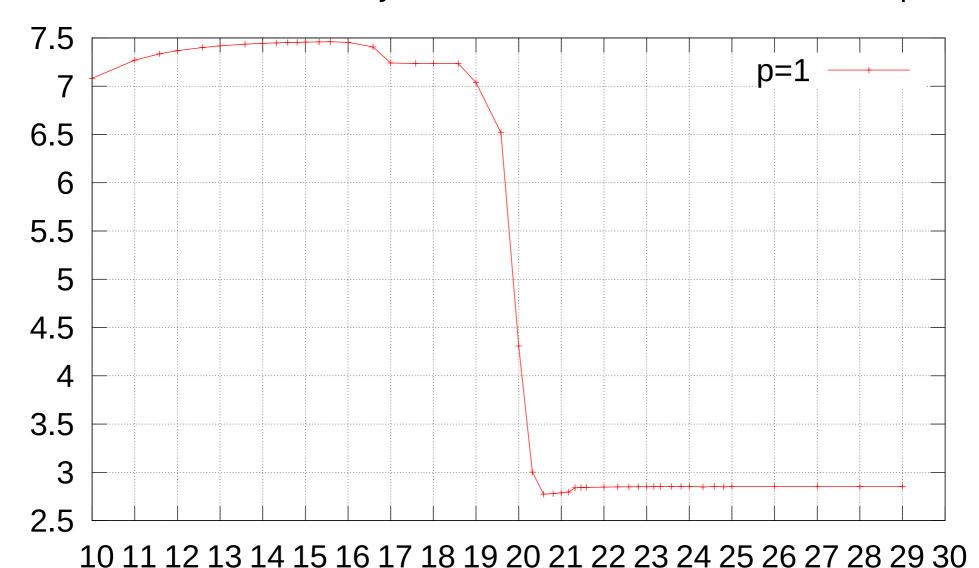
Array Size log₂ [B]

m-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64Ind

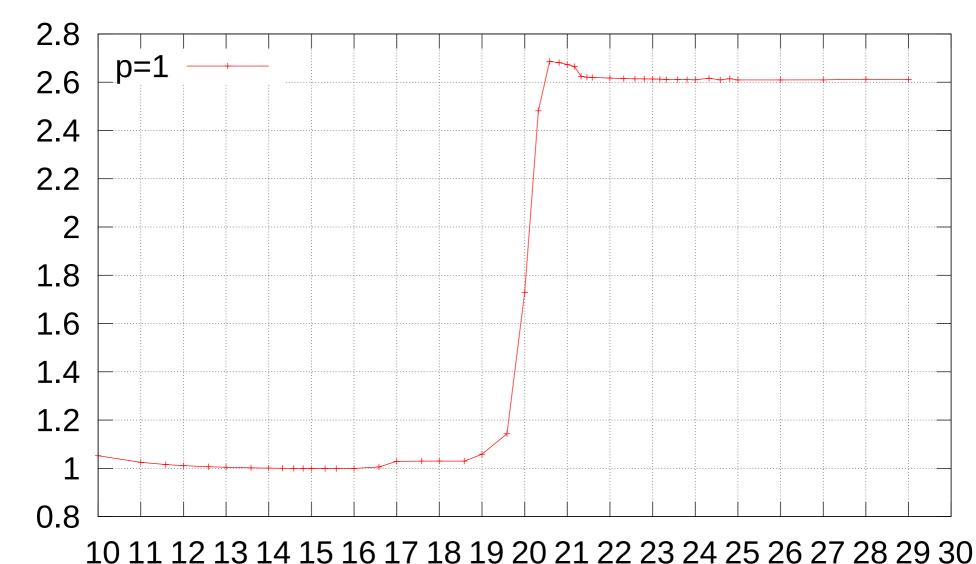


Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanRead64IndexSimpleLoo



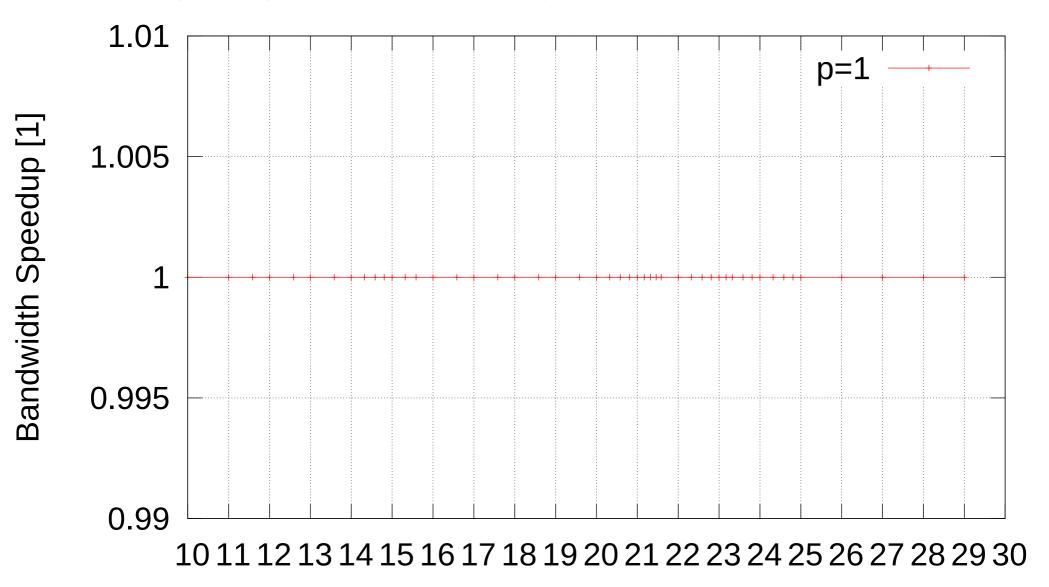
Array Size log₂ [B]



Access Time [ns]

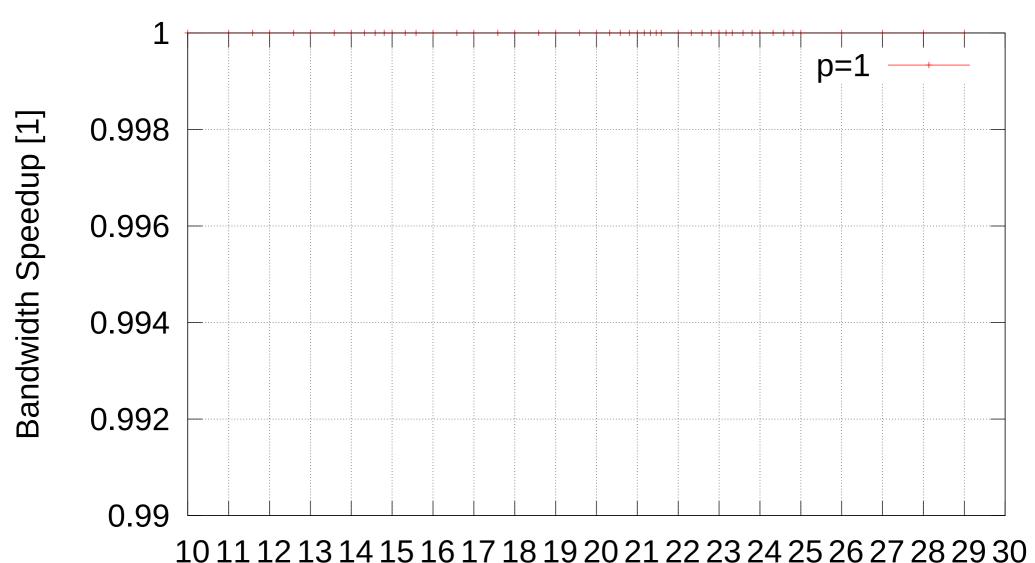
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanRead64IndexSim

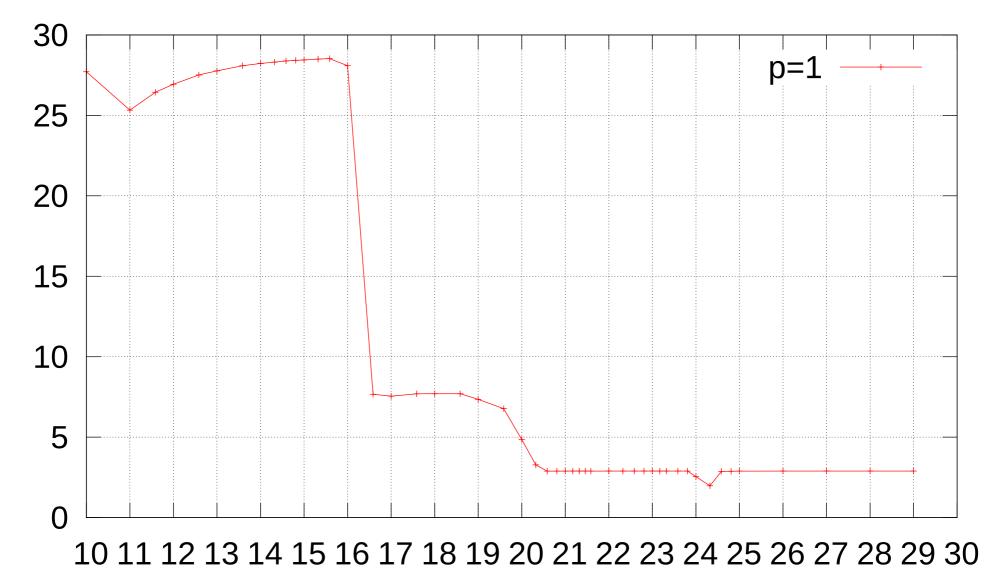


Array Size log₂ [B]

m-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64Inde



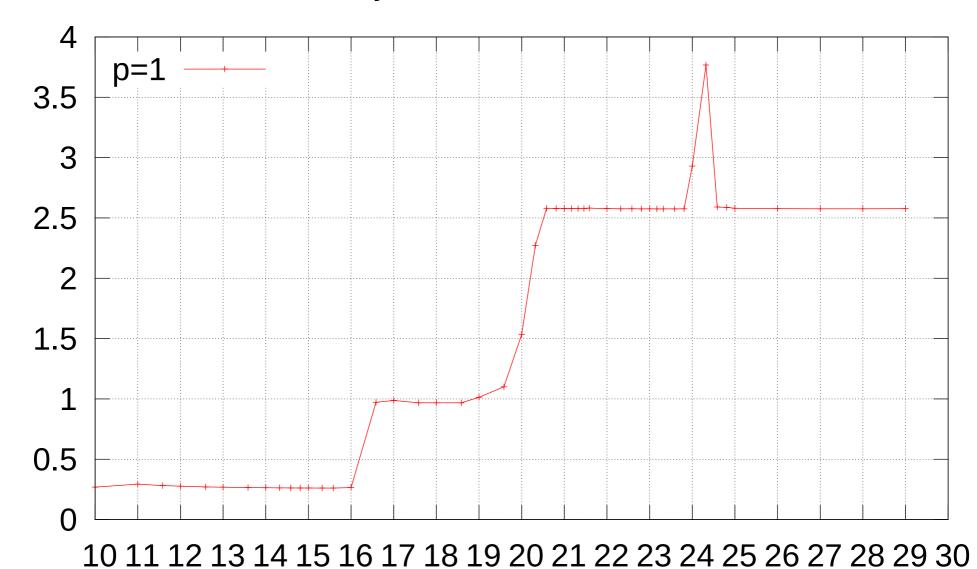
Array Size log₂ [B]



Bandwidth [GiB/s]

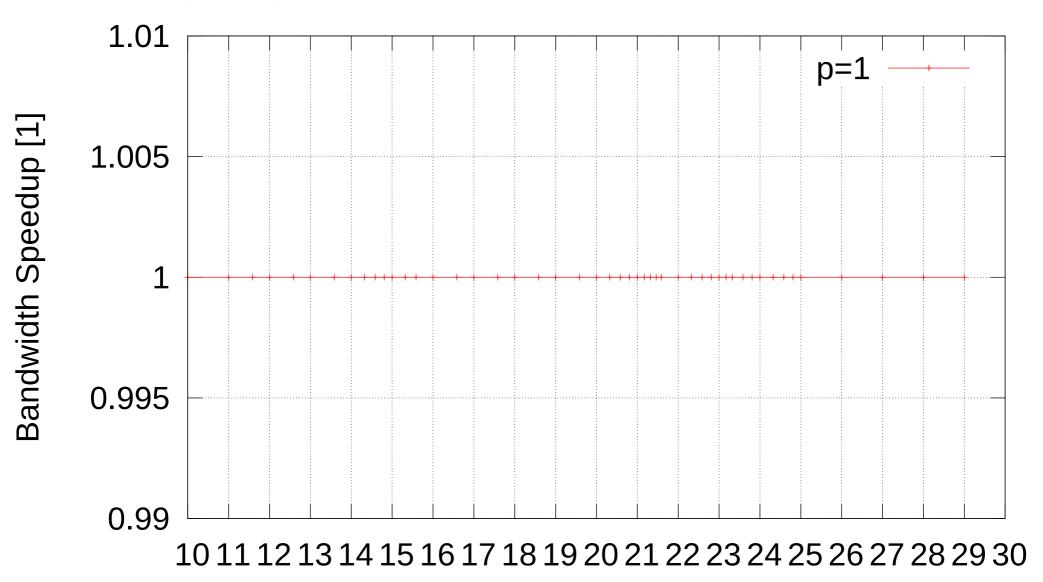
Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanRead64IndexUnrollLoc



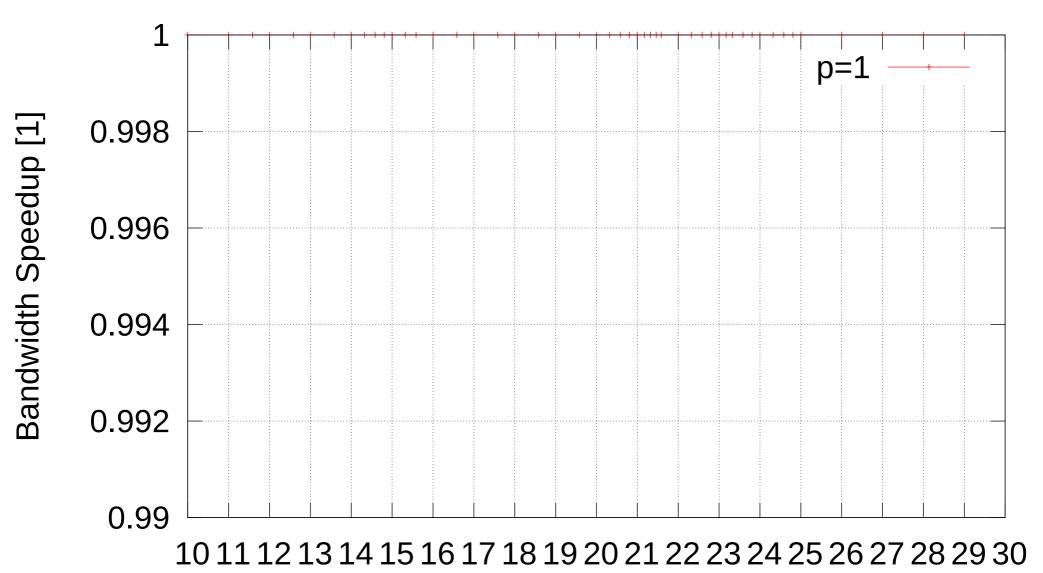
Array Size log_2 [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanRead64IndexUn



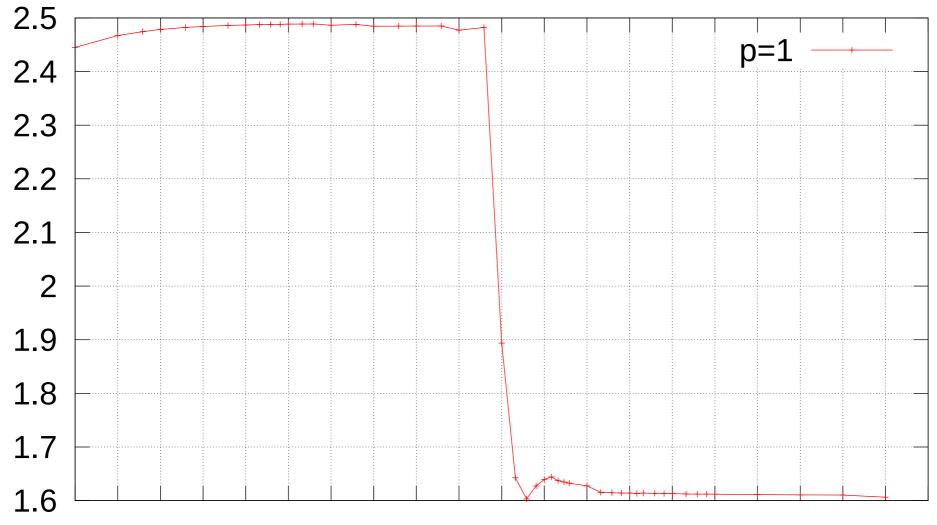
Array Size log₂ [B]

m-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64Ind



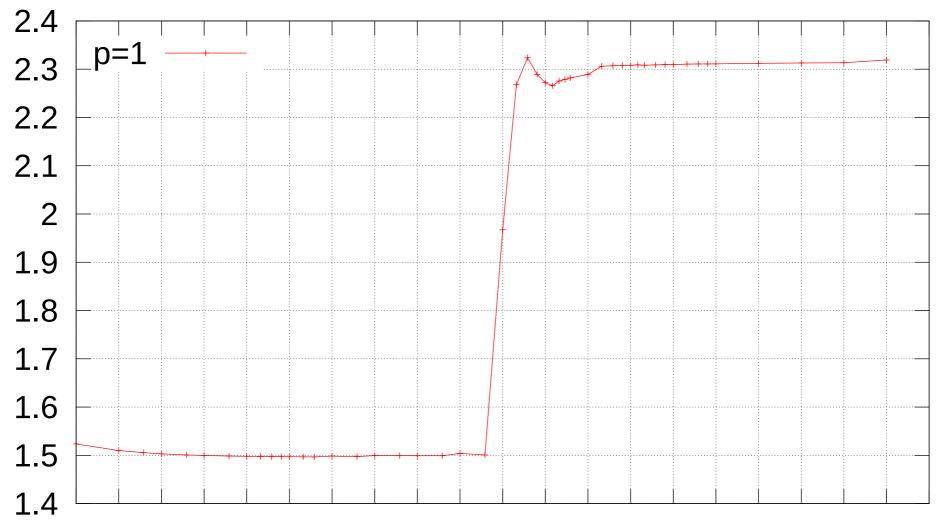
Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



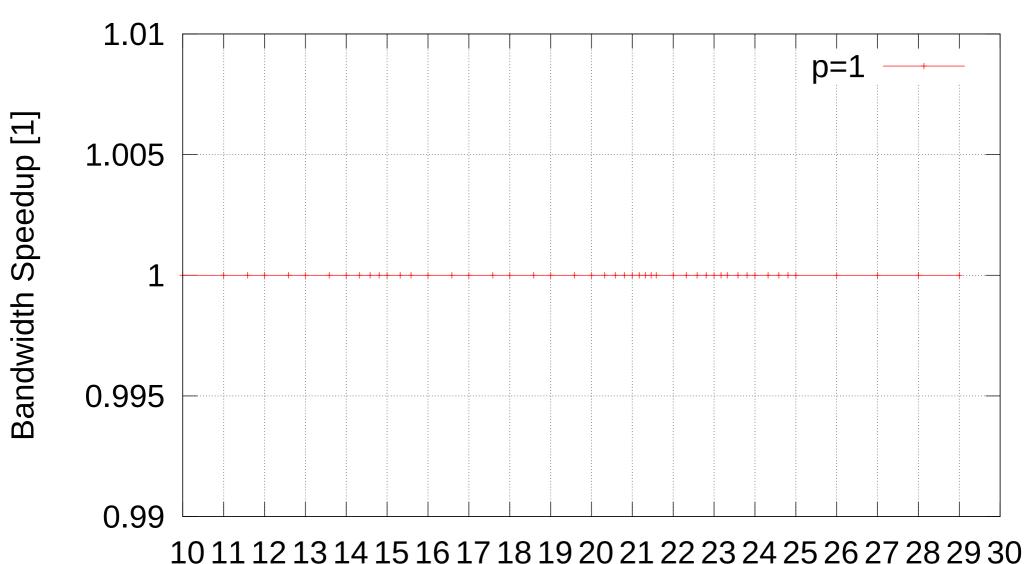
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

issdm-6 - Parallel Memory Access Time - ScanWrite32PtrSimpleLoop



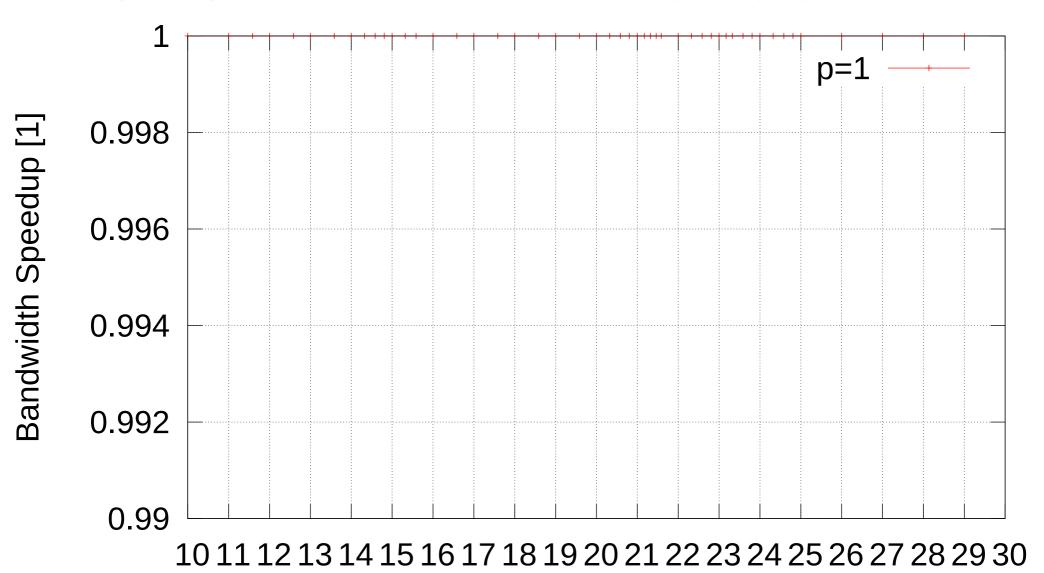
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrSimp

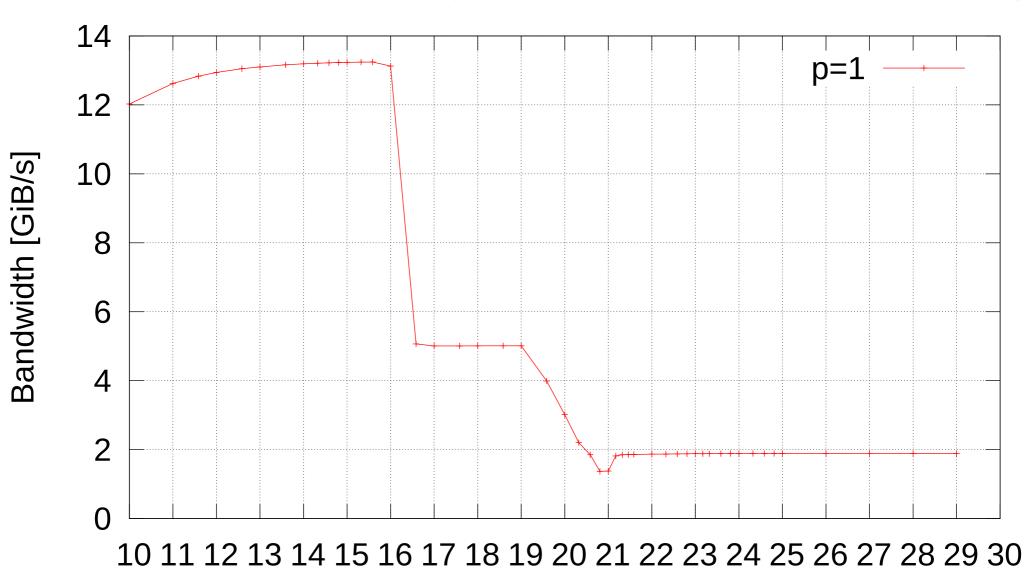


Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32Pt

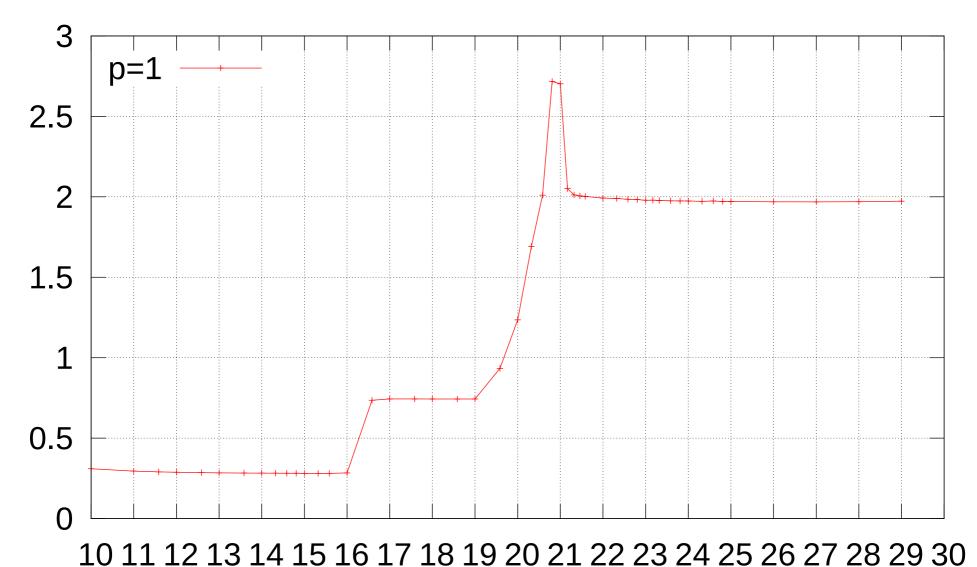


Array Size log₂ [B]



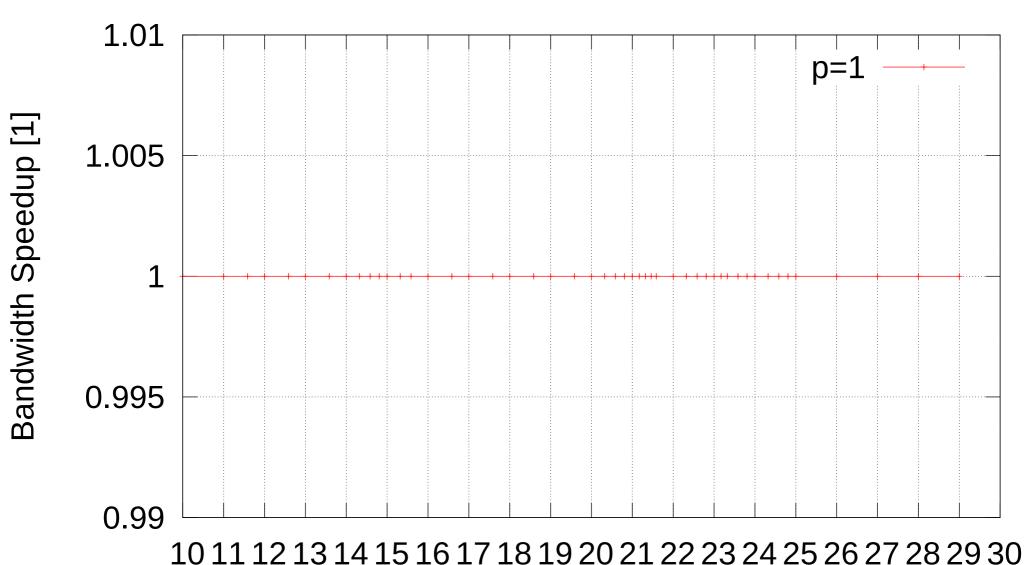
Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanWrite32PtrUnrollLoop



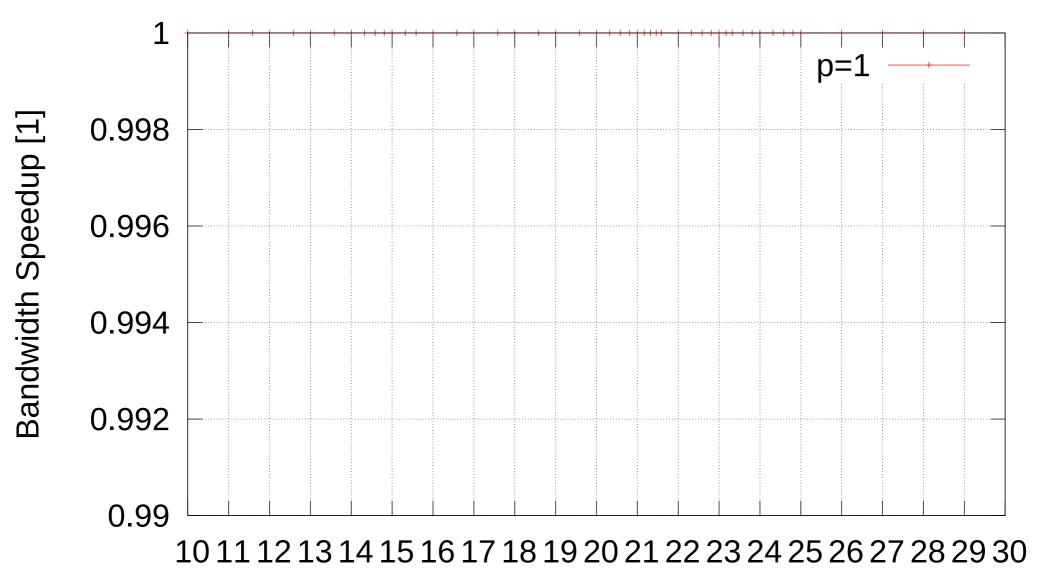
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrUnro



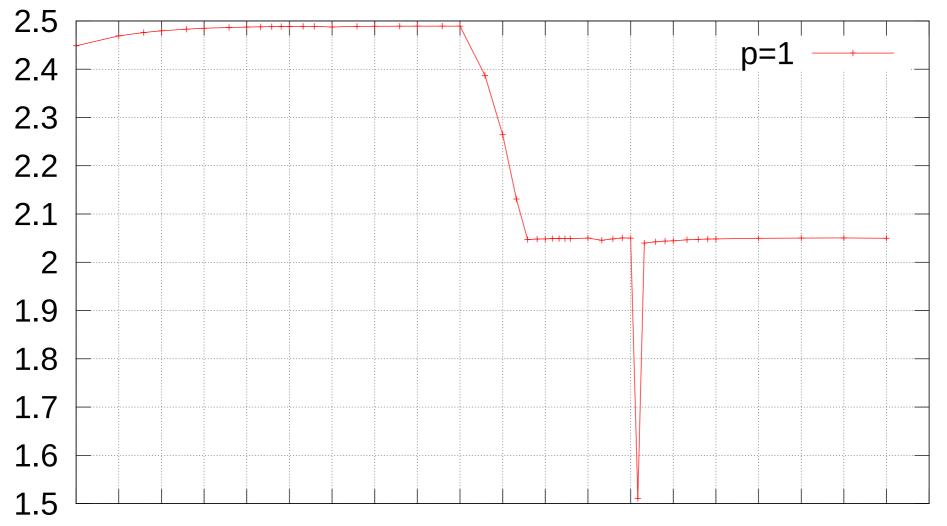
Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32Pt



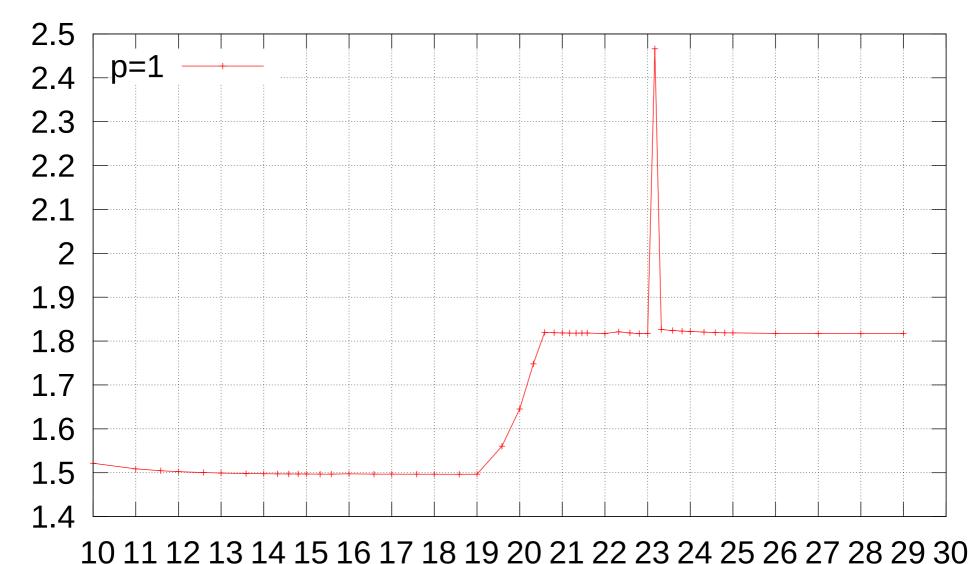
Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop



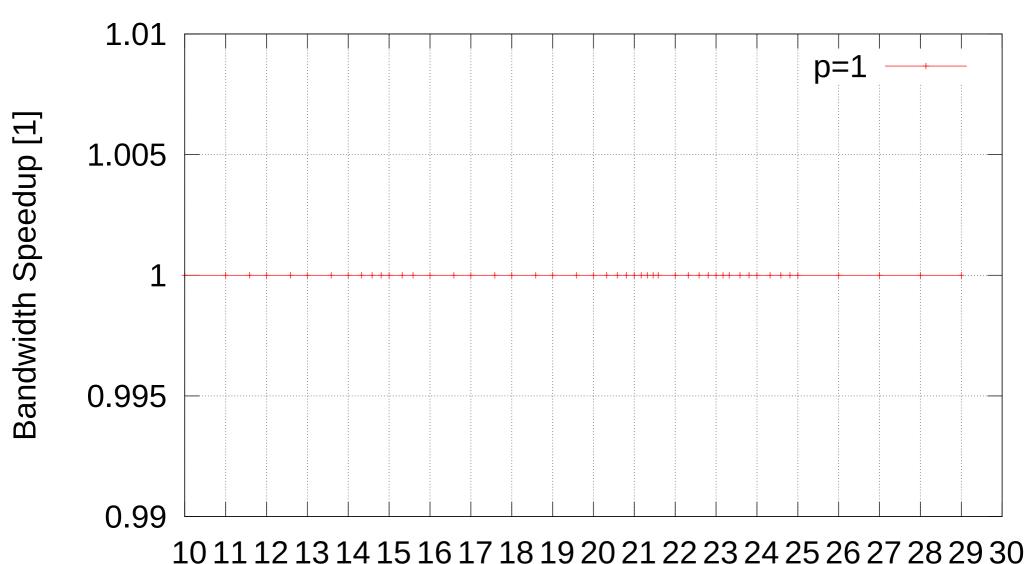
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

issdm-6 - Parallel Memory Access Time - ScanRead32PtrSimpleLoop



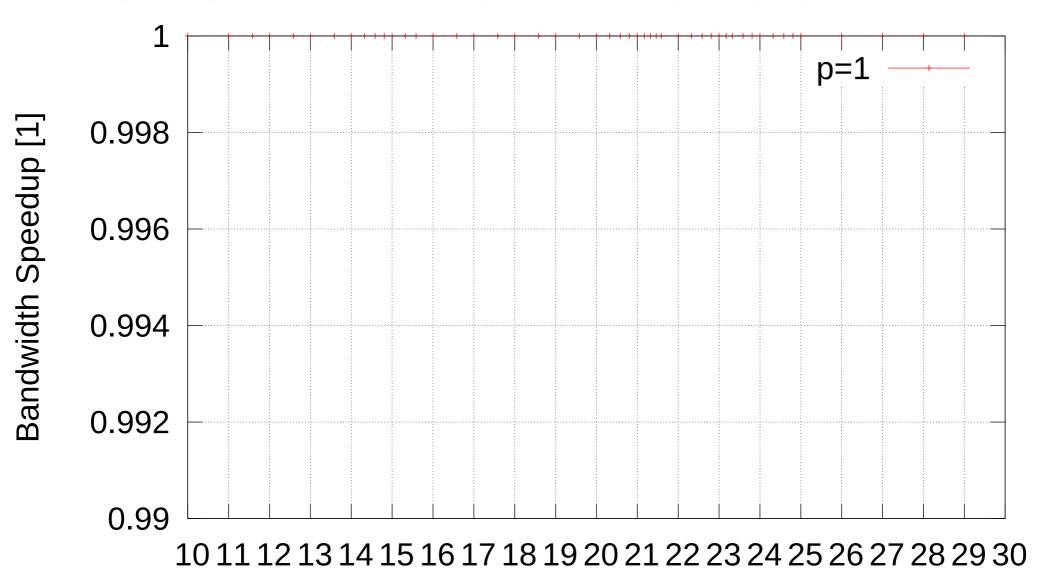
Array Size log₂ [B]

issdm-6 - Speedup of Parallel Memory Bandwidth - ScanRead32PtrSimp



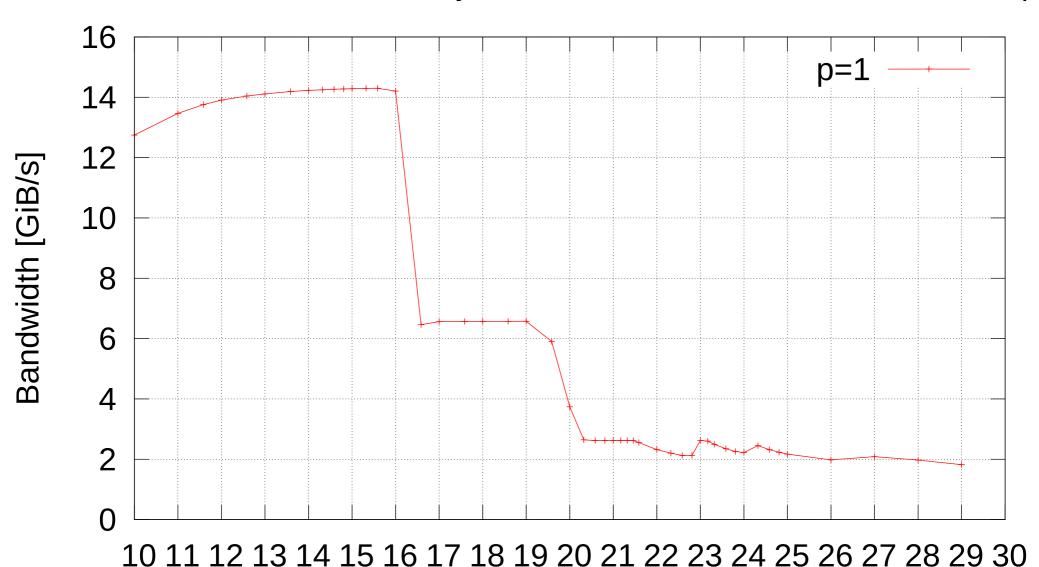
Array Size log₂ [B]

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32Pt



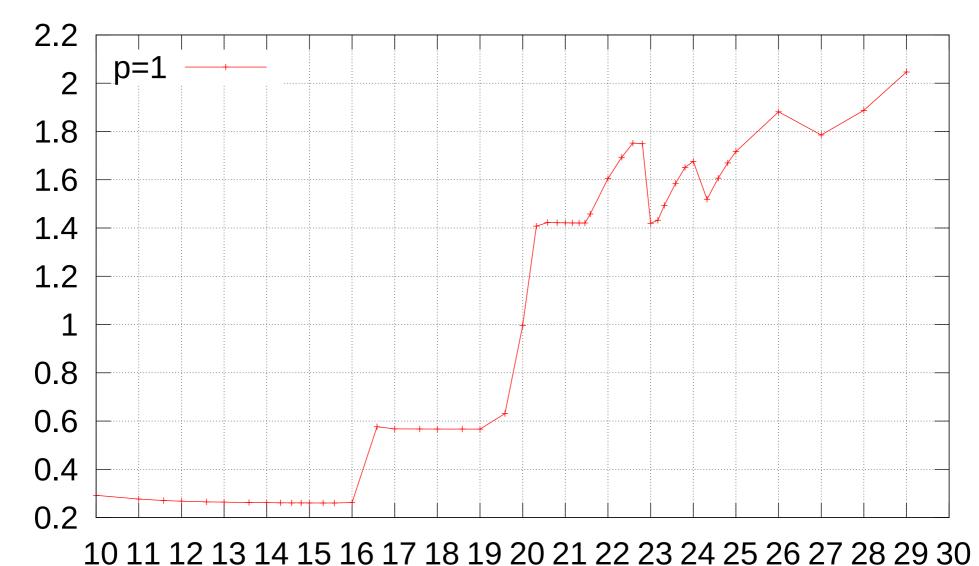
Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop

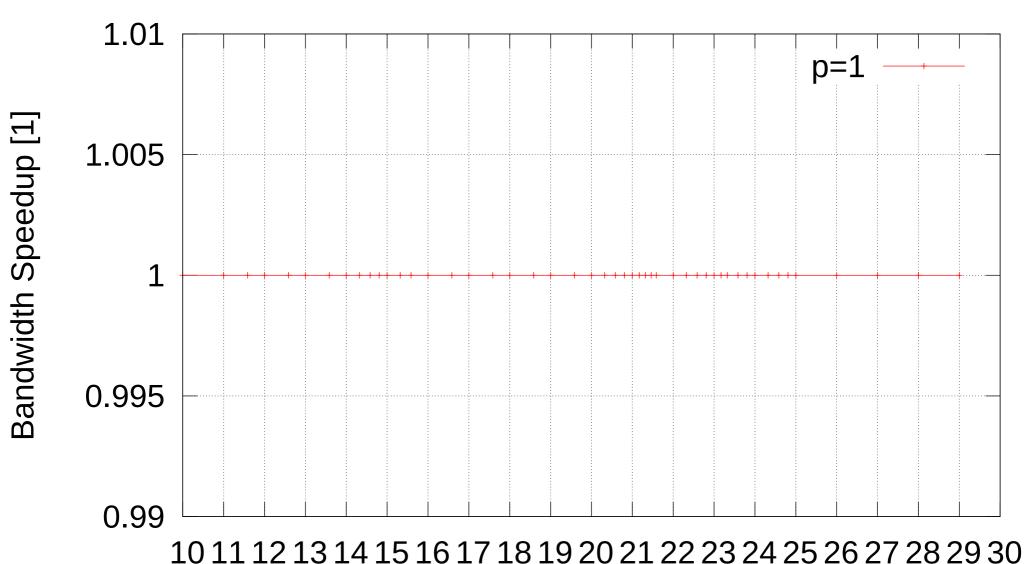


Array Size log₂ [B]

issdm-6 - Parallel Memory Access Time - ScanRead32PtrUnrollLoop

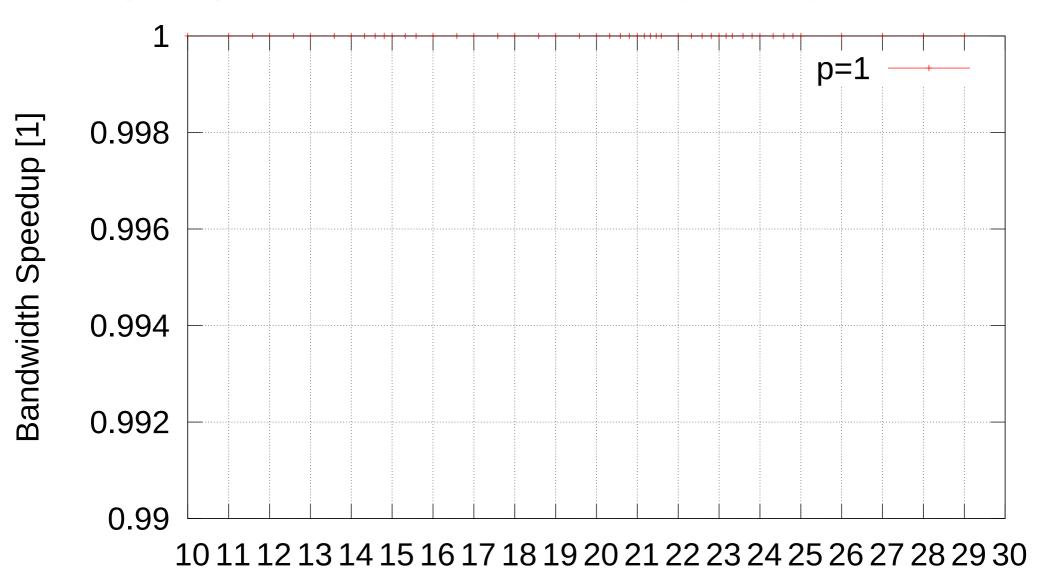


Array Size log₂ [B]



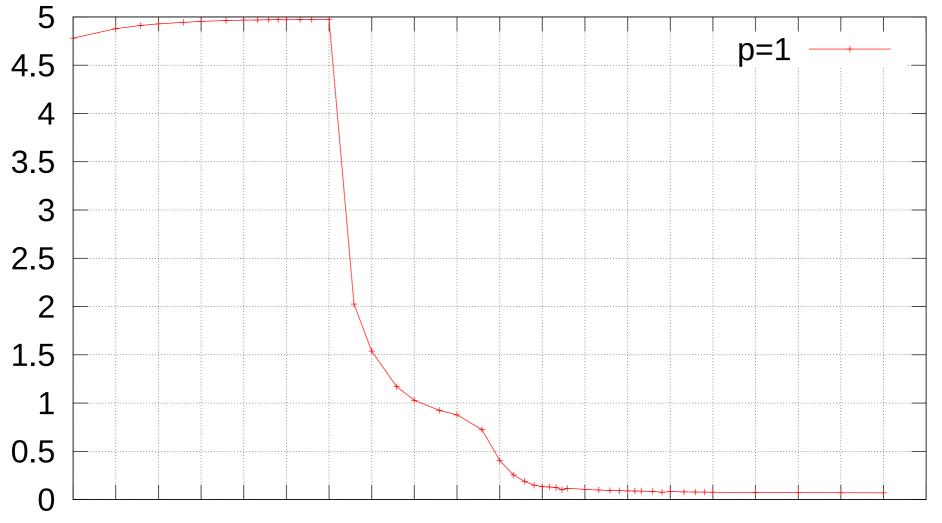
017101320212220272027202300

dm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32P



Array Size \log_2 [B]

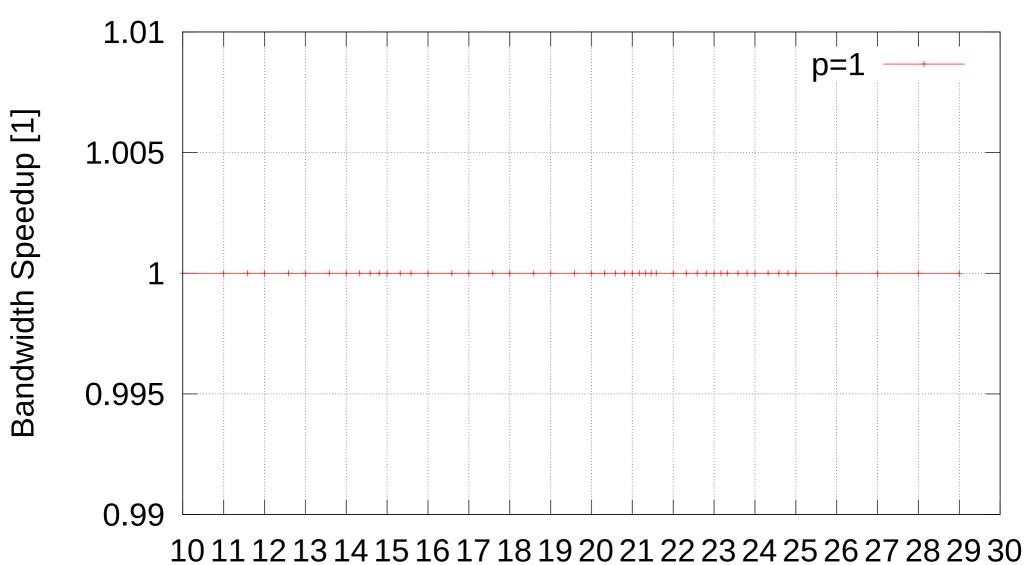
issdm-6 - Parallel Memory Bandwidth - PermRead64SimpleLoop



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

Access Time [ns]

Array Size log₂ [B]



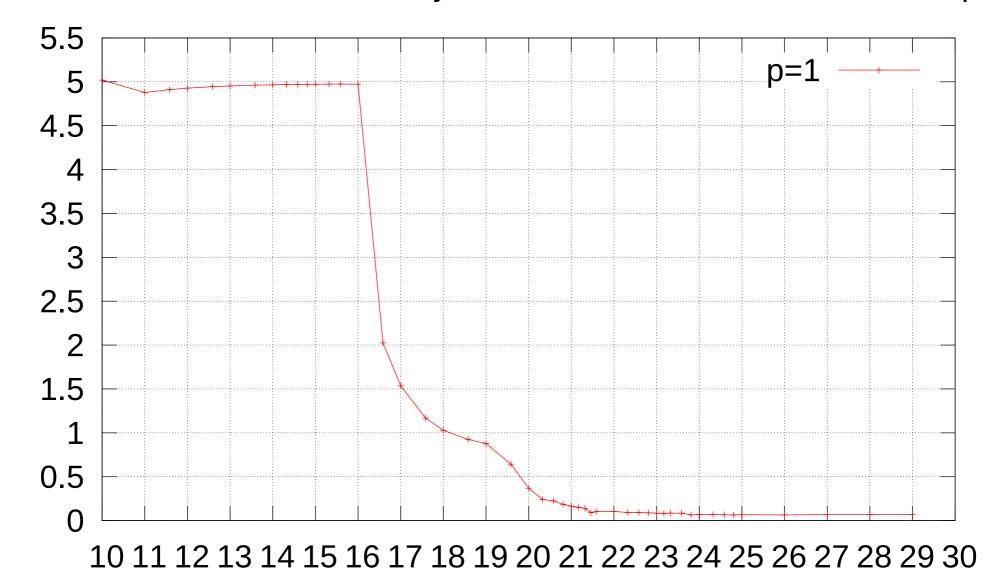
Array Size log₂ [B]

sdm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead649

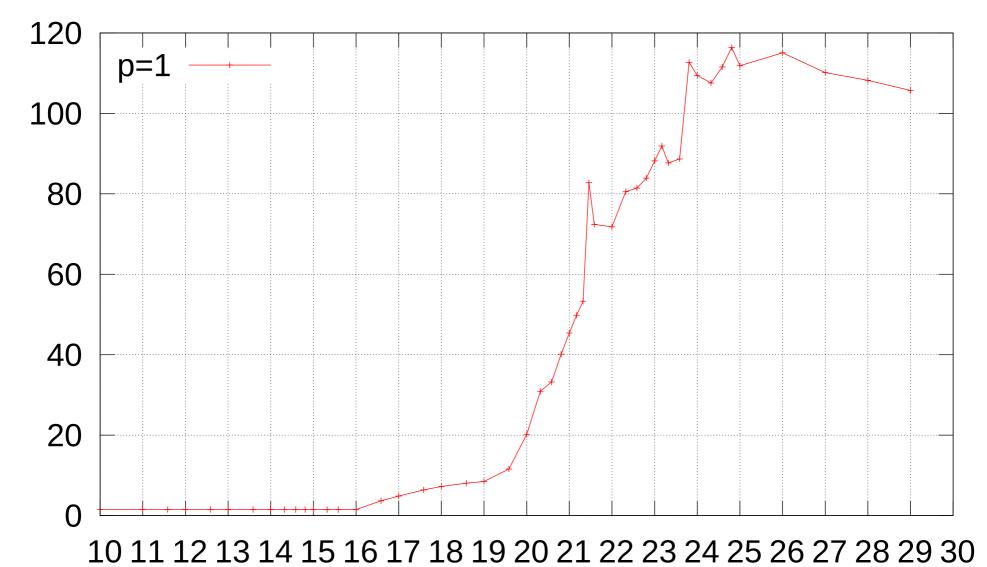


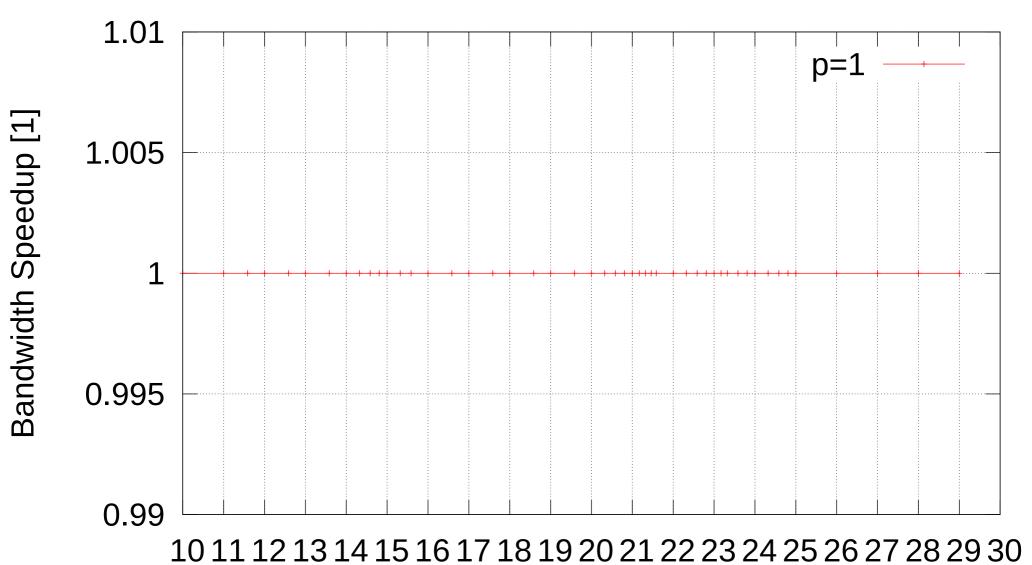
Array Size log₂ [B]

issdm-6 - Parallel Memory Bandwidth - PermRead64UnrollLoop



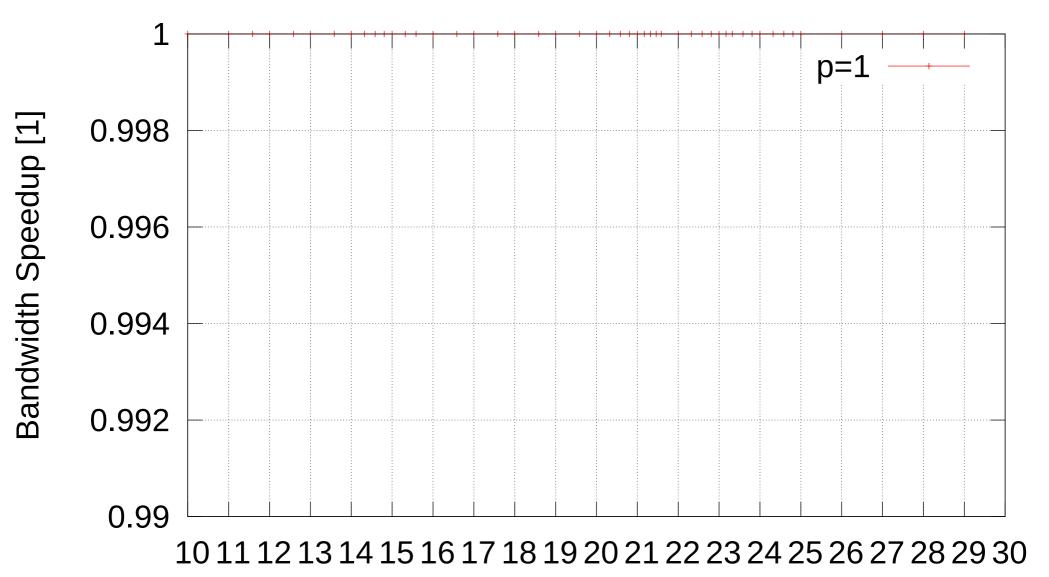
Array Size log₂ [B]





Array Size log₂ [B]

ssdm-6 - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64



Array Size log₂ [B]