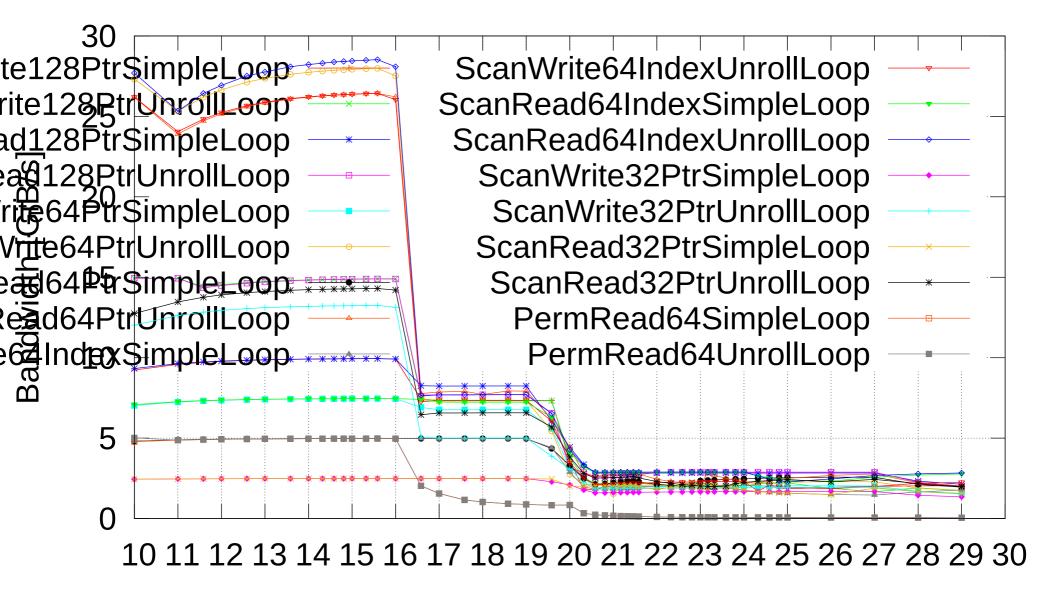
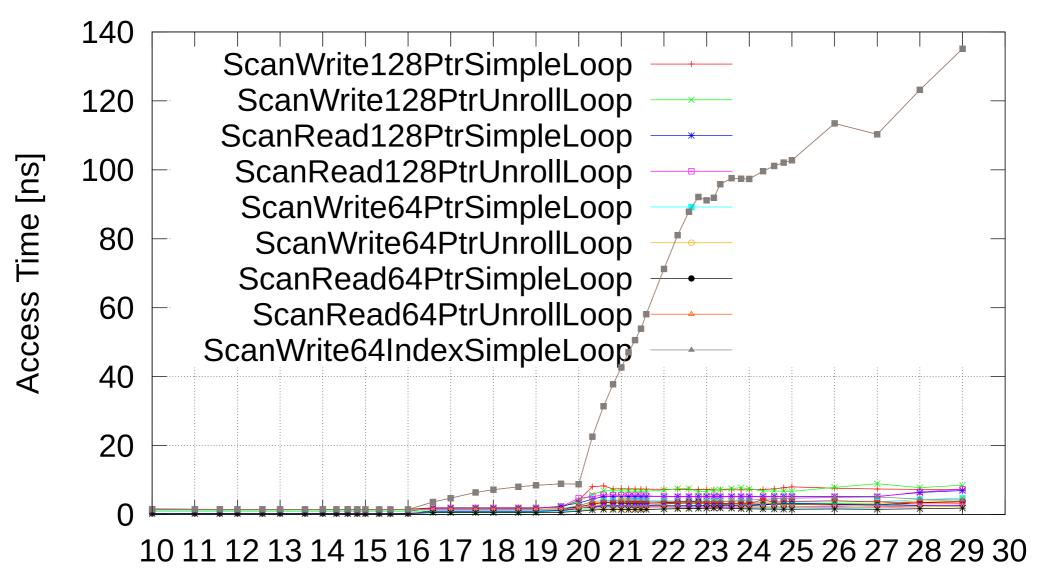
## 3792f0ee3854 - One Thread Memory Bandwidth



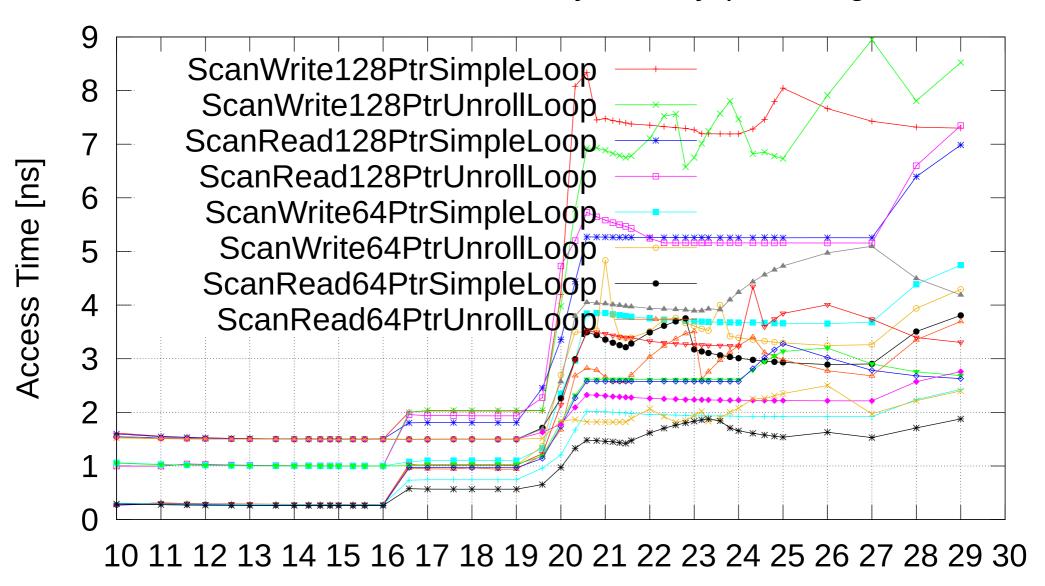
Array Size log<sub>2</sub> [B]

## 3792f0ee3854 - One Thread Memory Latency (Access Time)

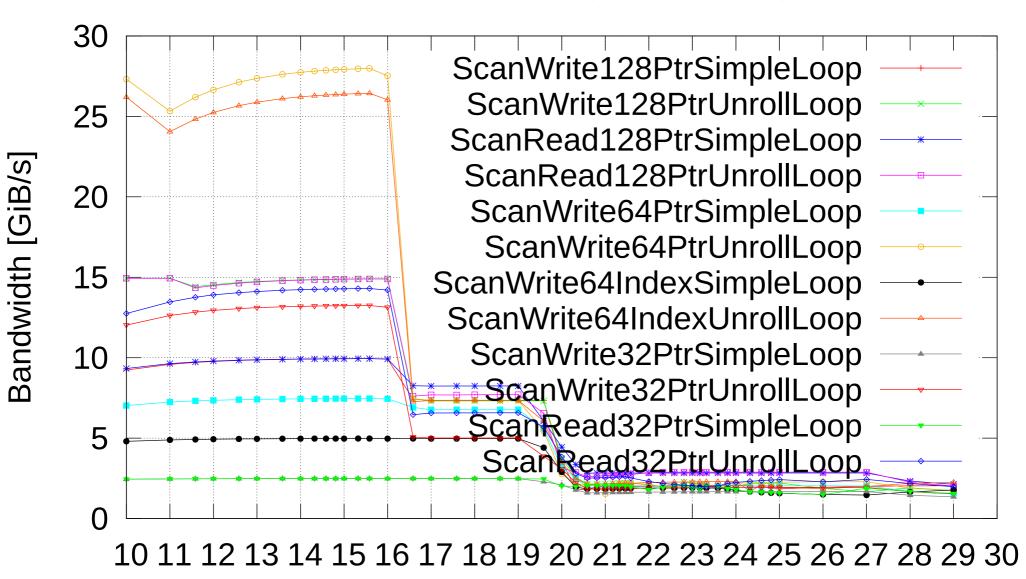


Array Size log<sub>2</sub> [B]

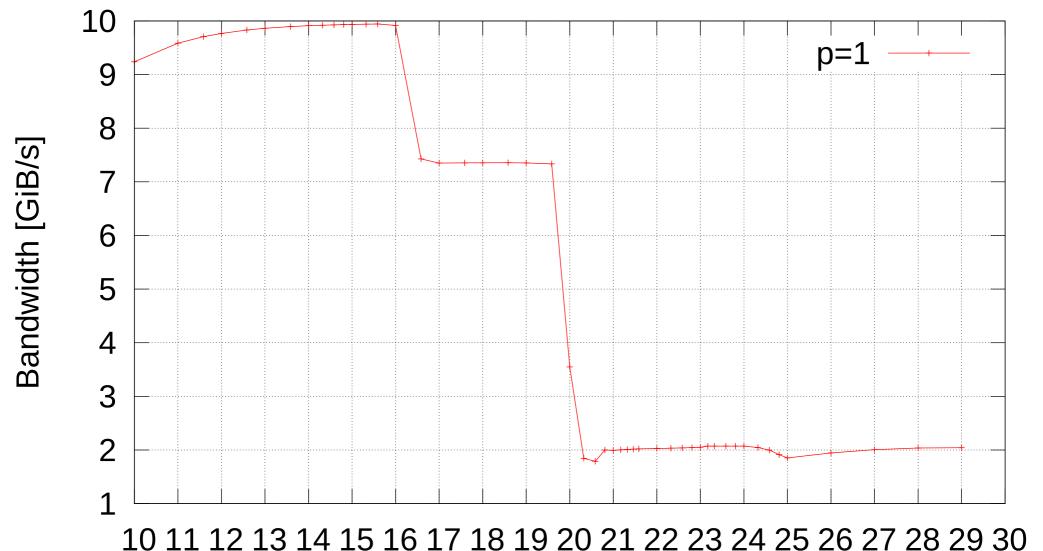
## 3792f0ee3854 - One Thread Memory Latency (excluding Permutation)



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

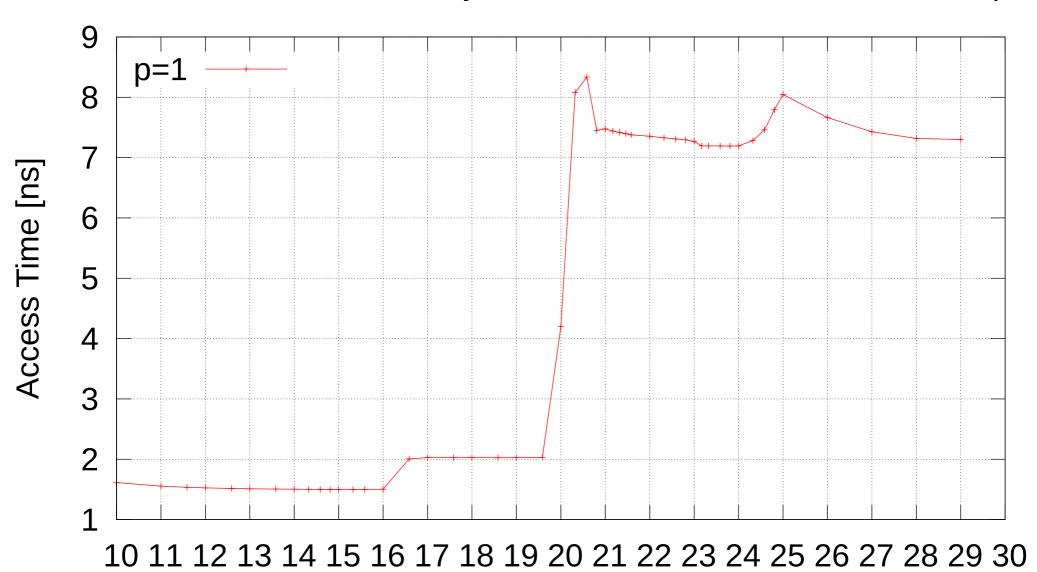


Array Size log<sub>2</sub> [B]



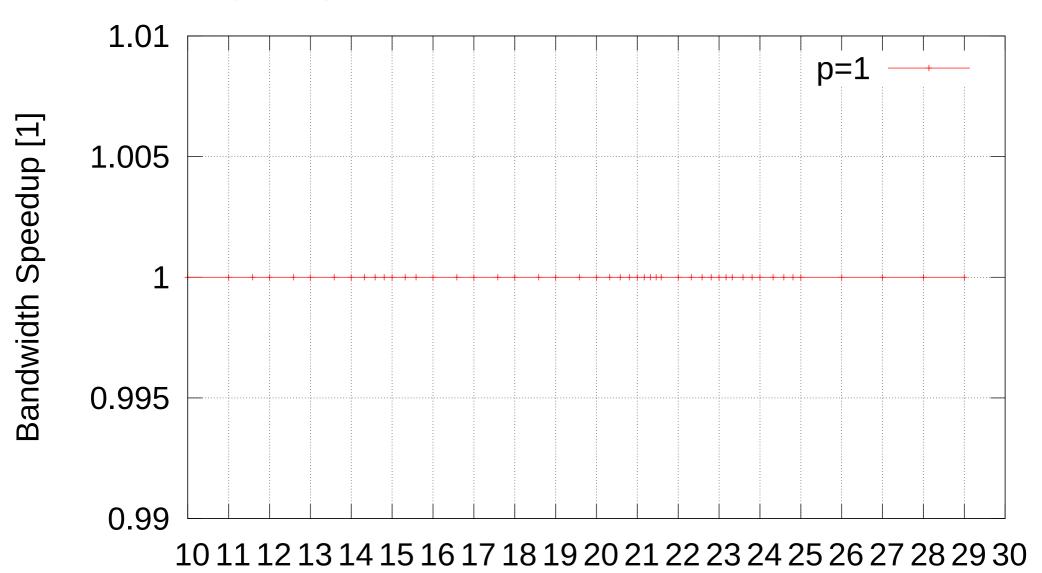
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - ScanWrite128PtrSimpleLe



Array Size  $log_2$  [B]

792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanWrite128PtrS



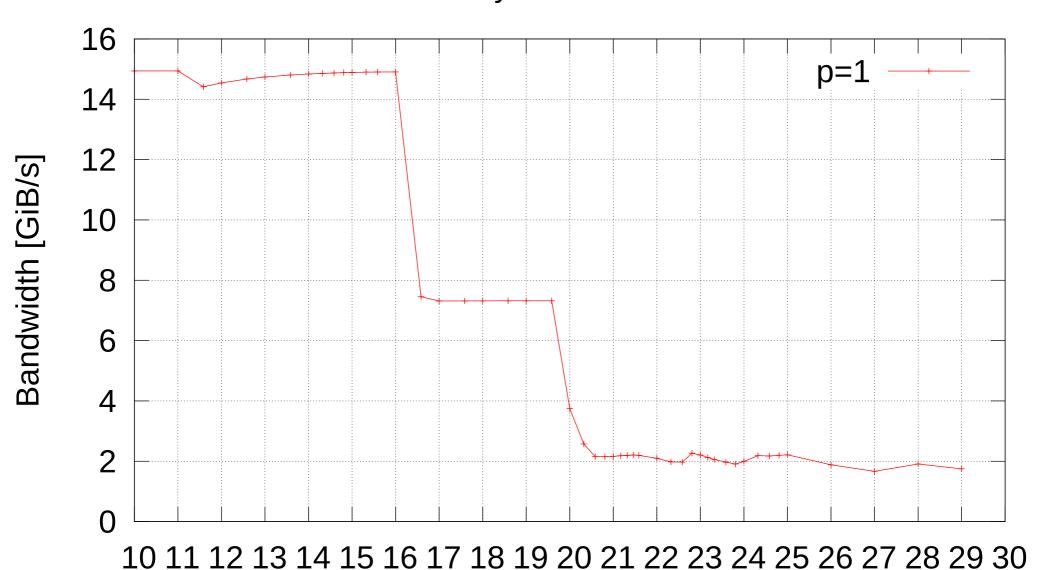
Array Size log<sub>2</sub> [B]

ee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite12



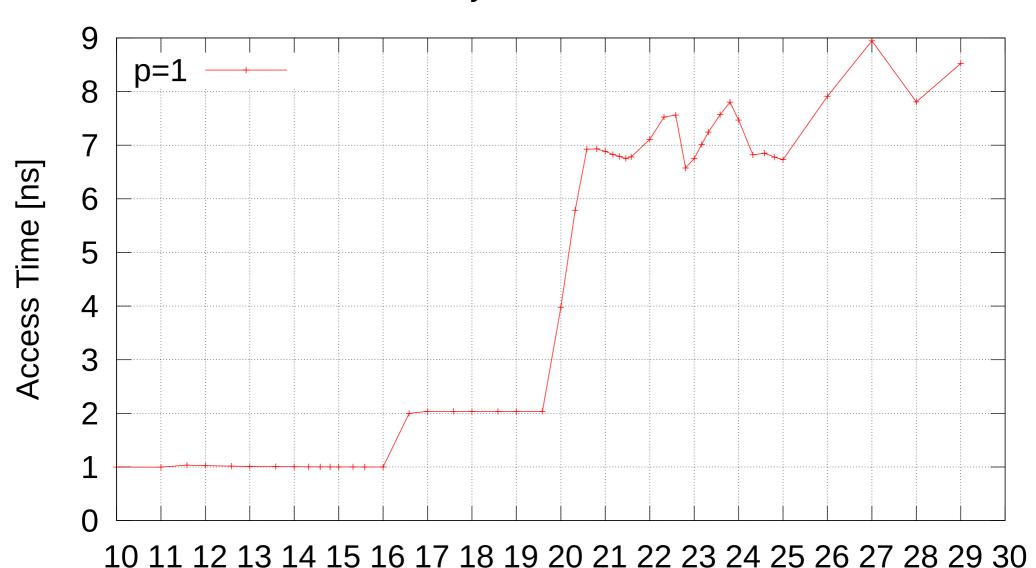
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanWrite128PtrUnrollLo



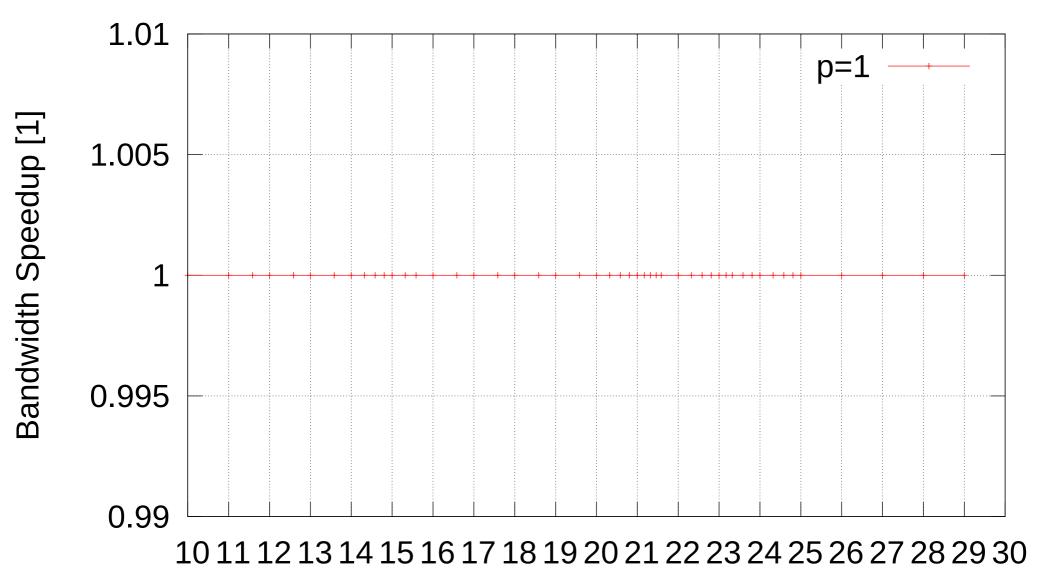
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - ScanWrite128PtrUnrollLo



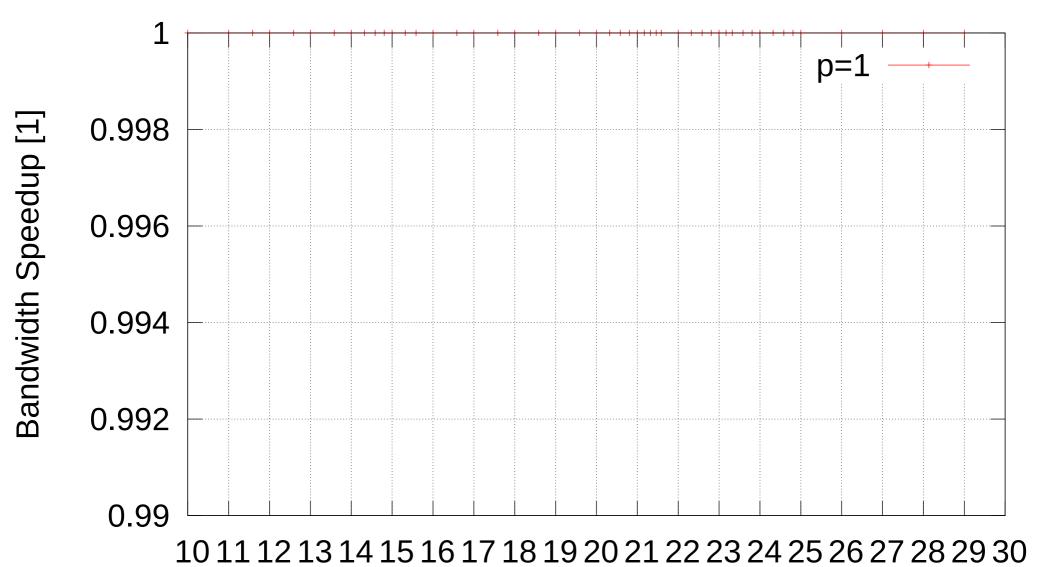
Array Size log<sub>2</sub> [B]

792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanWrite128Ptrl



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

Dee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite12

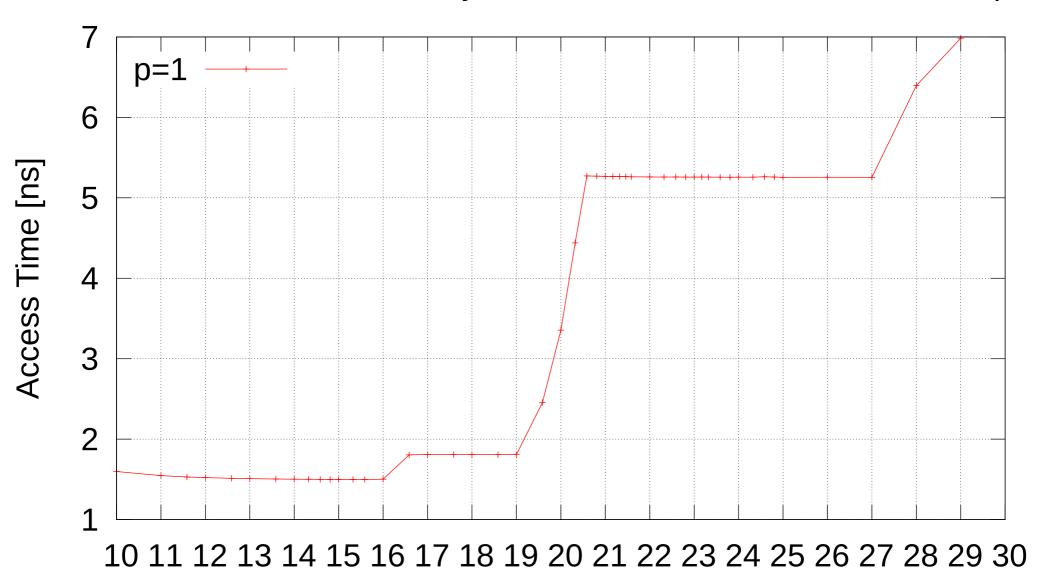


Array Size log<sub>2</sub> [B]



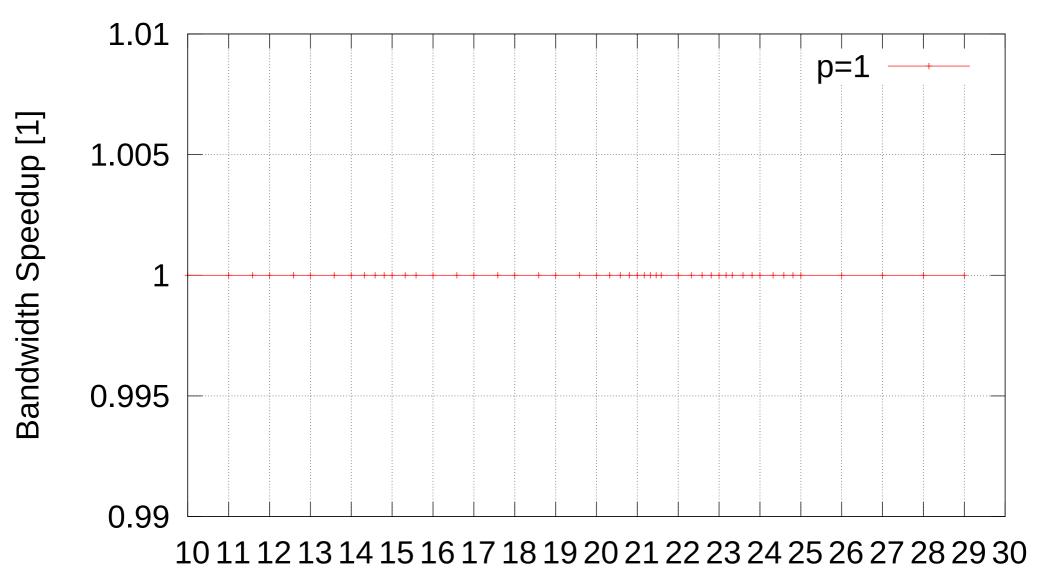
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - ScanRead128PtrSimpleLe



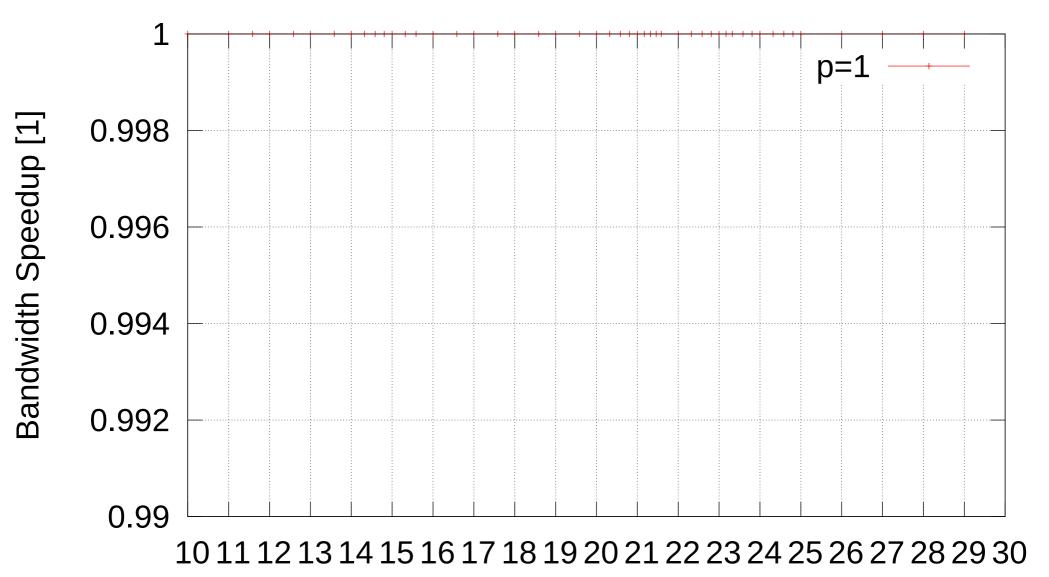
Array Size log<sub>2</sub> [B]

792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanRead128PtrS



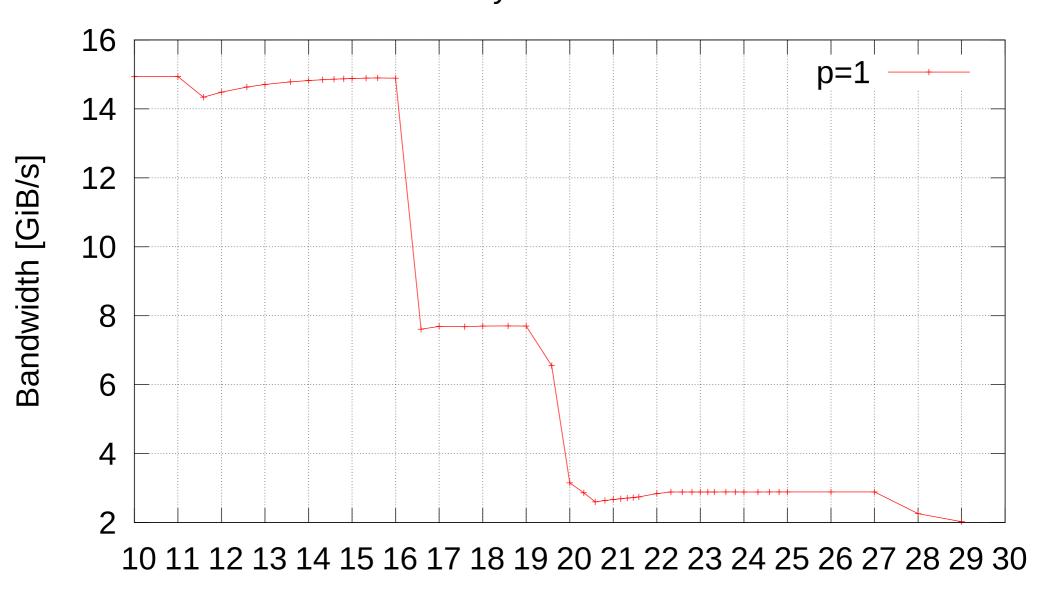
Array Size log<sub>2</sub> [B]

ee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead12



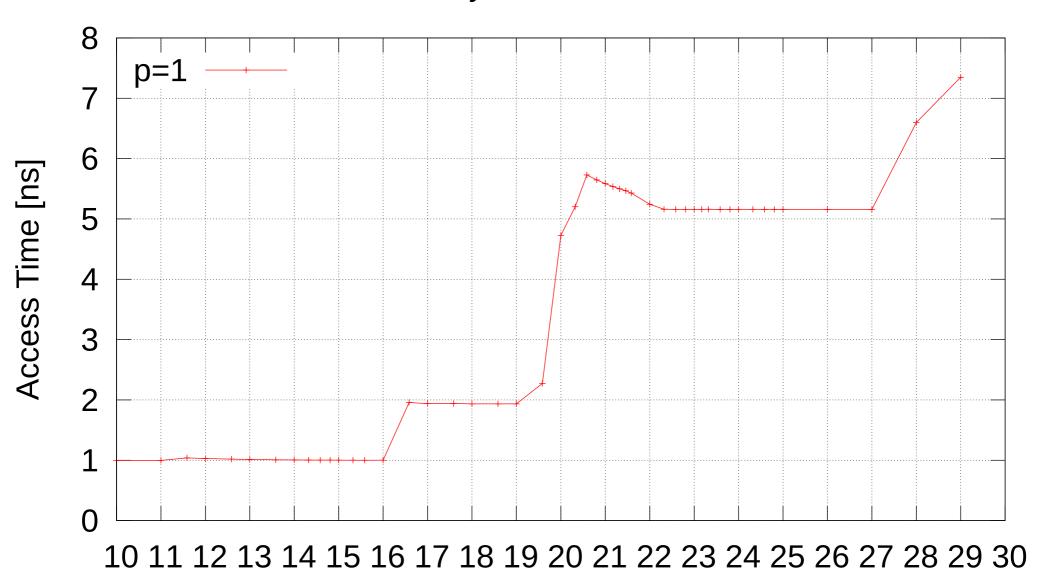
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanRead128PtrUnrollLo



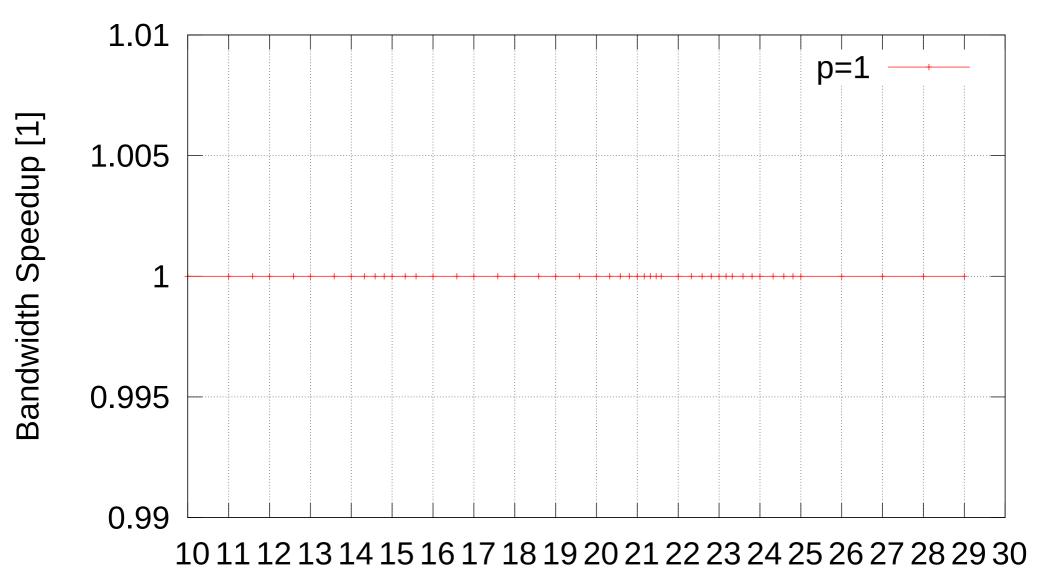
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - ScanRead128PtrUnrollLo



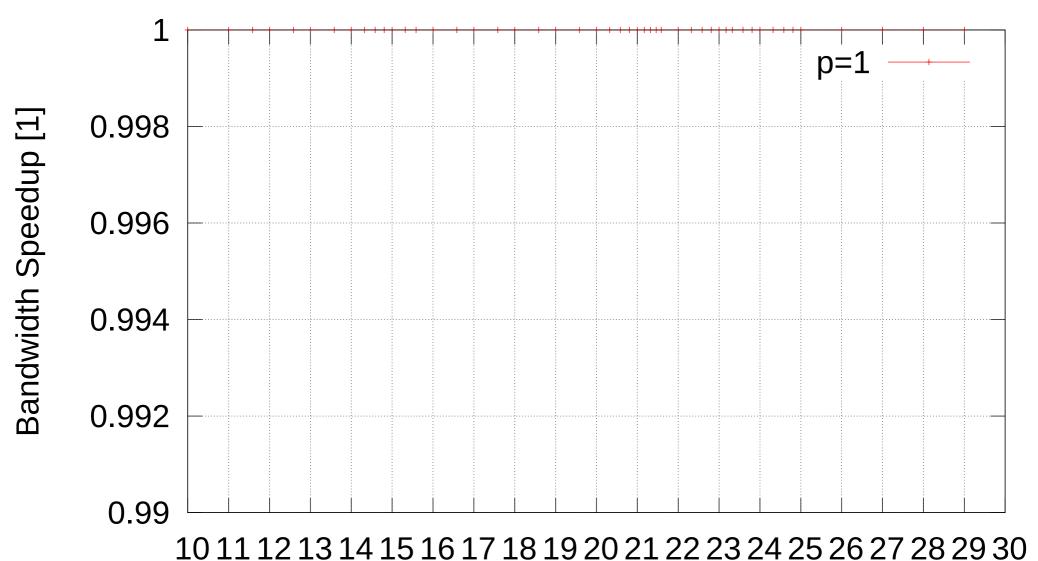
Array Size log<sub>2</sub> [B]

792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanRead128Ptrl



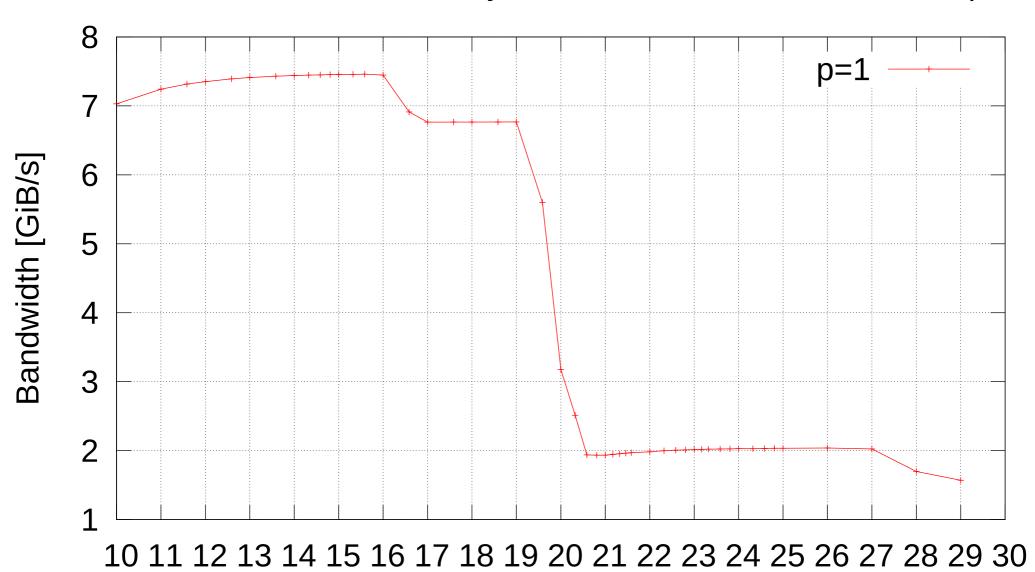
Array Size log<sub>2</sub> [B]



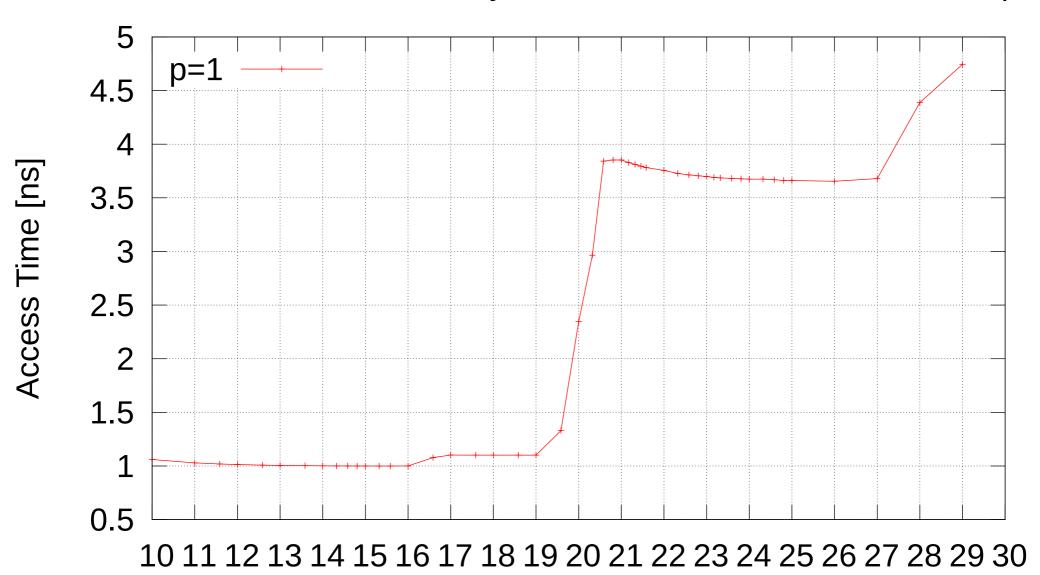


Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoc

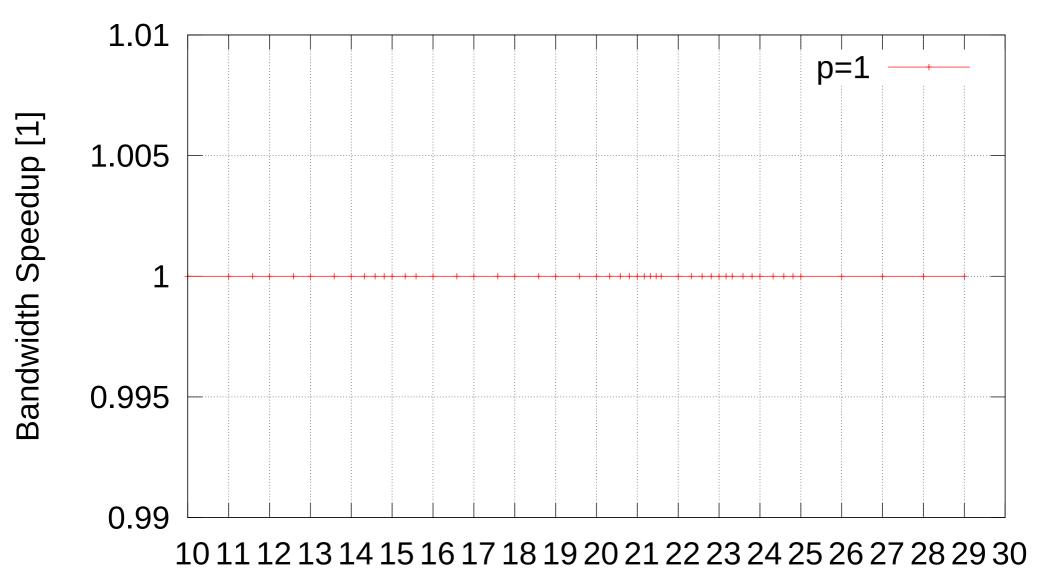


Array Size log<sub>2</sub> [B]



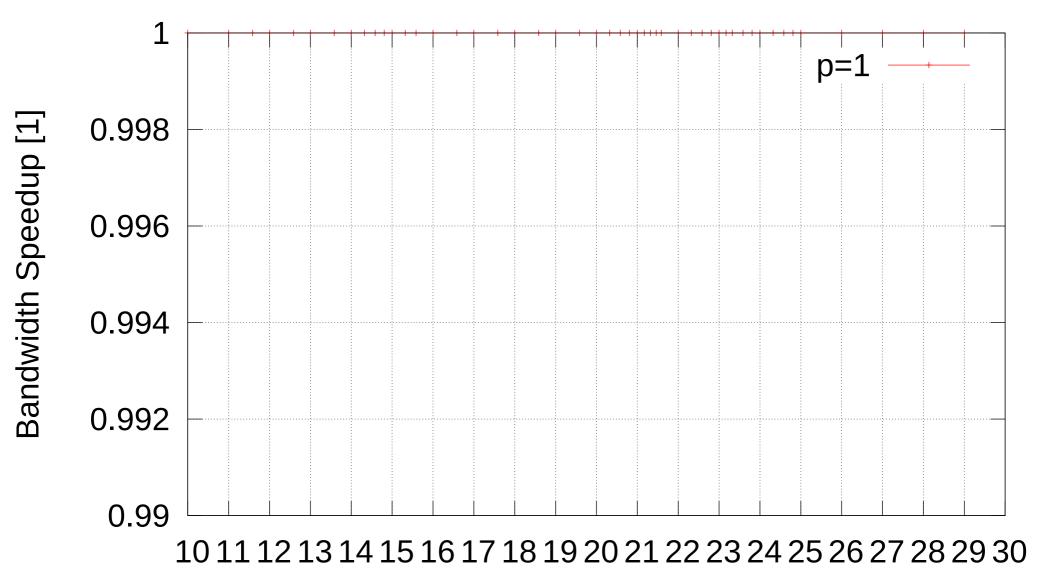
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrS



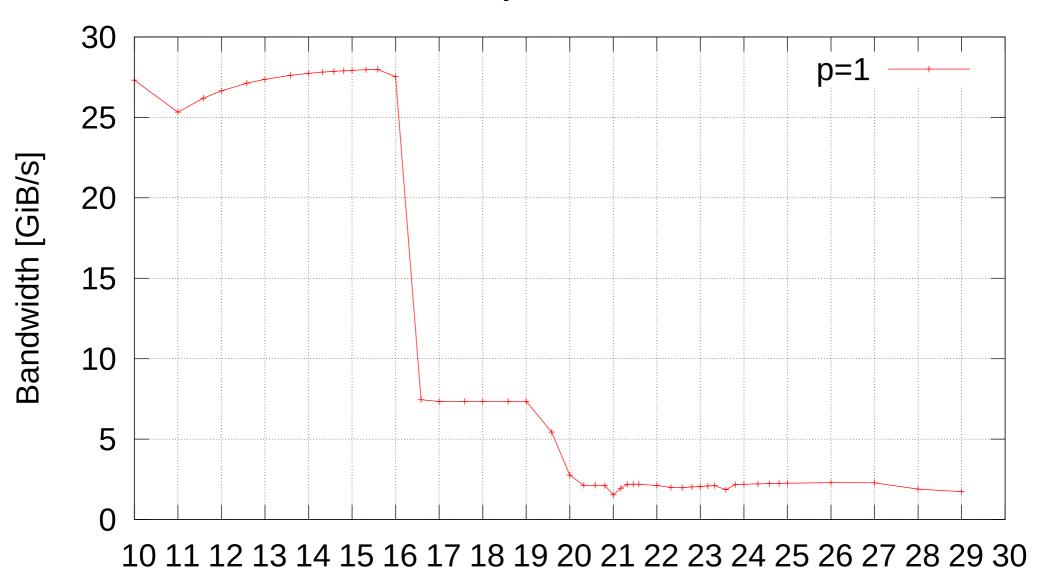
Array Size log<sub>2</sub> [B]

Dee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite6

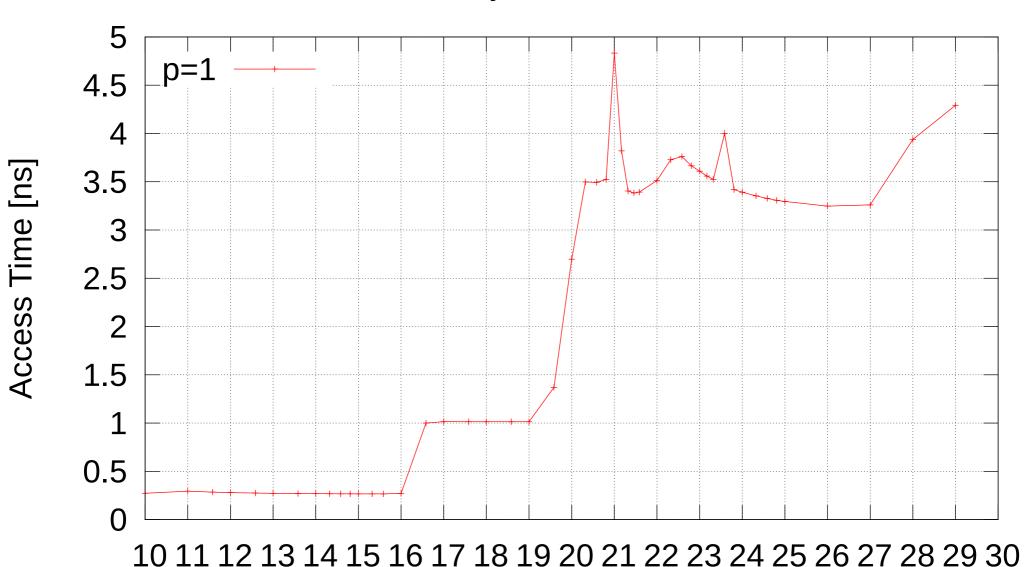


Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoc

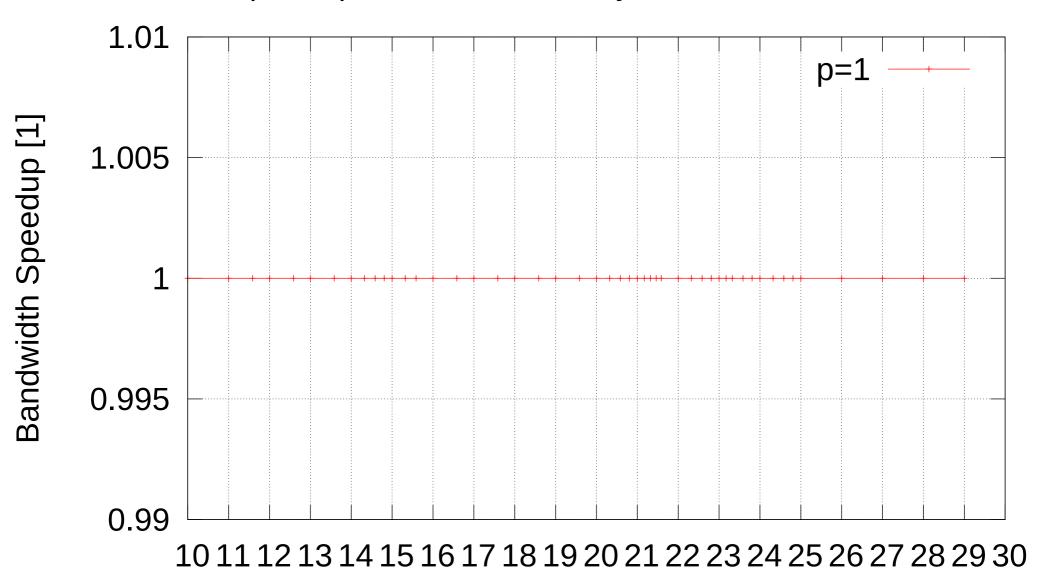


Array Size log<sub>2</sub> [B]



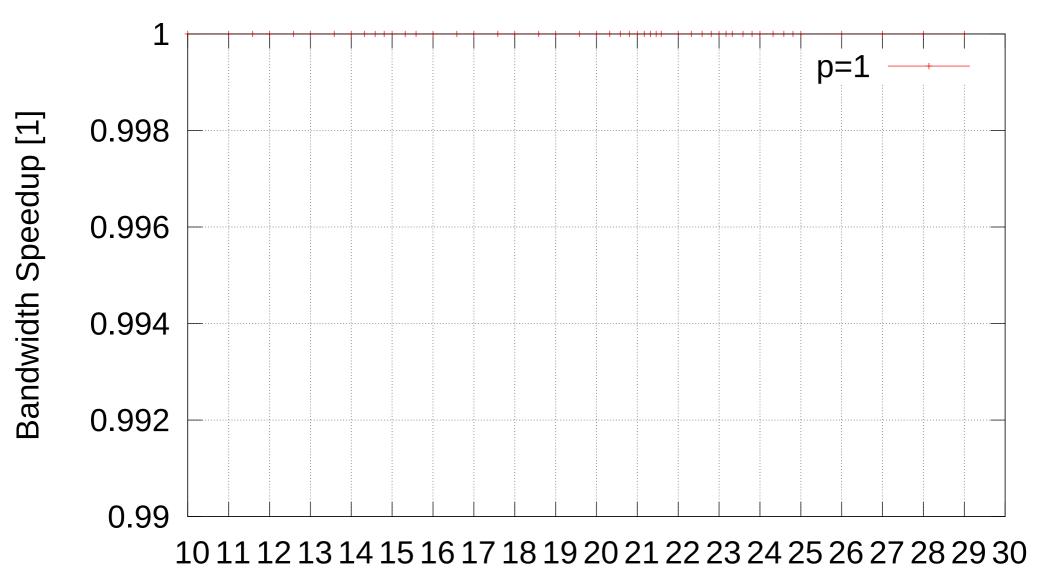
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrU

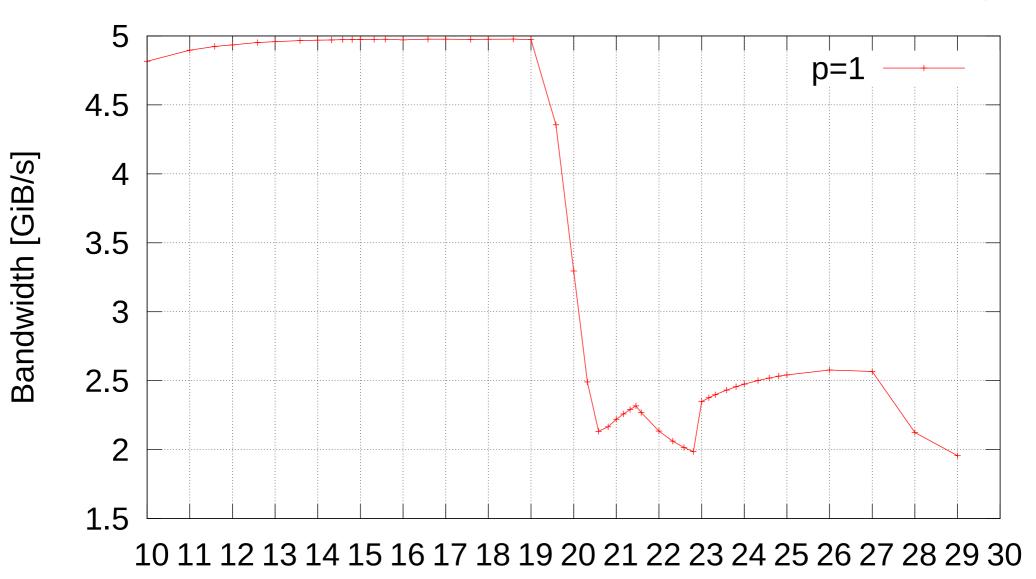


Array Size log<sub>2</sub> [B]

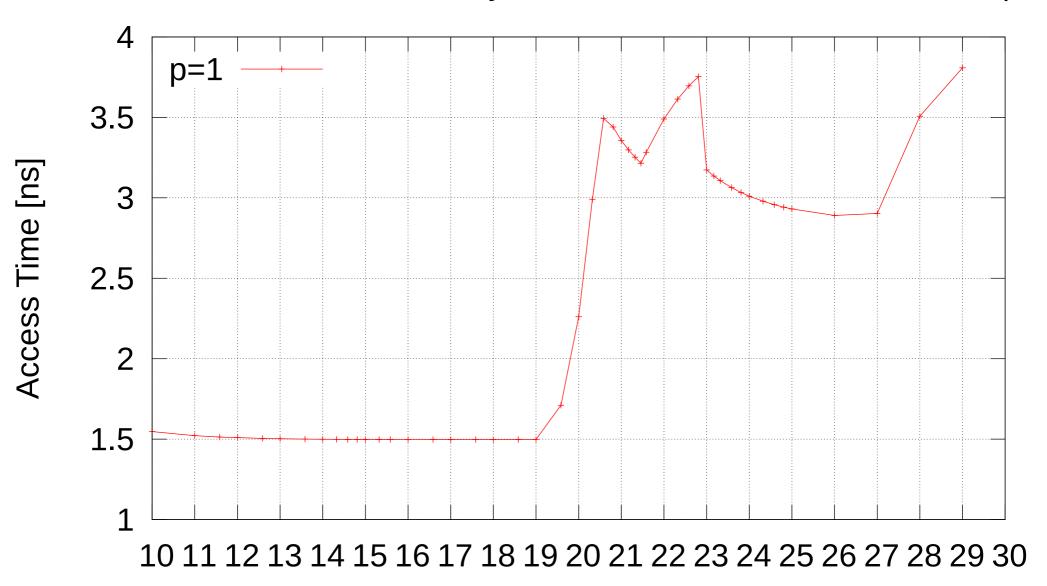
0ee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite6



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

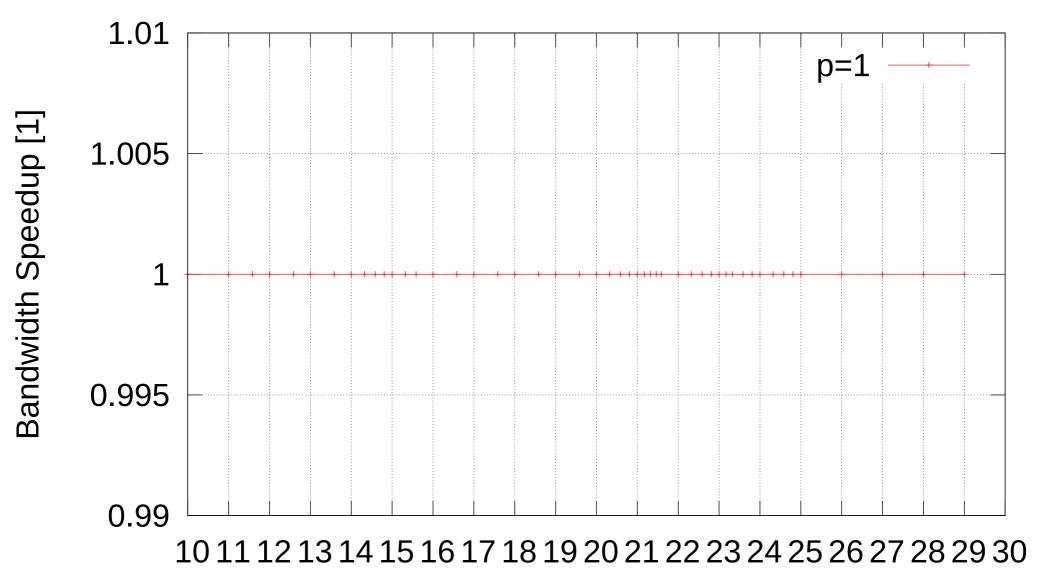


Array Size log<sub>2</sub> [B]



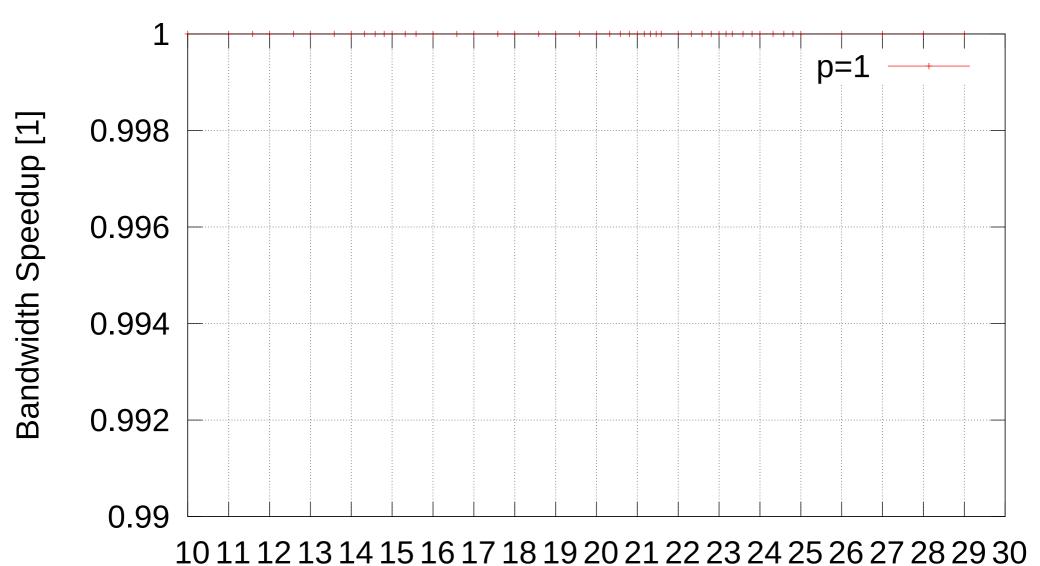
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanRead64PtrS



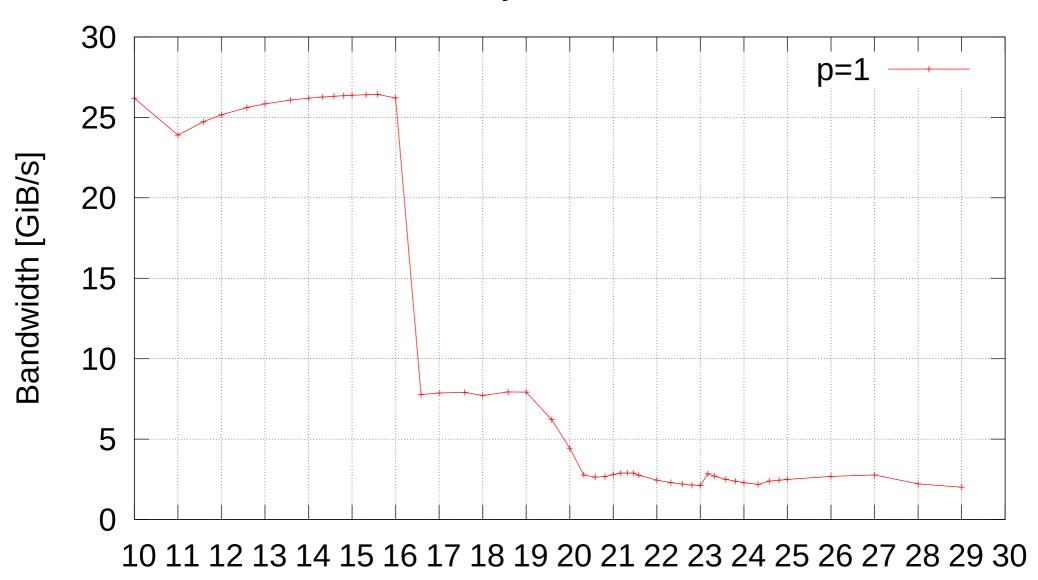
Array Size log<sub>2</sub> [B]

Dee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead6

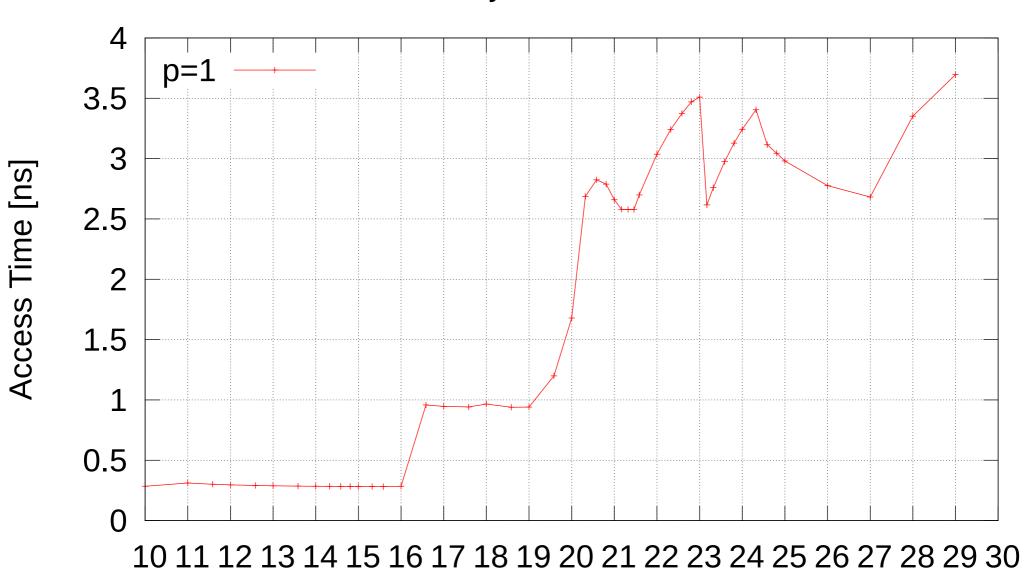


Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanRead64PtrUnrollLoc

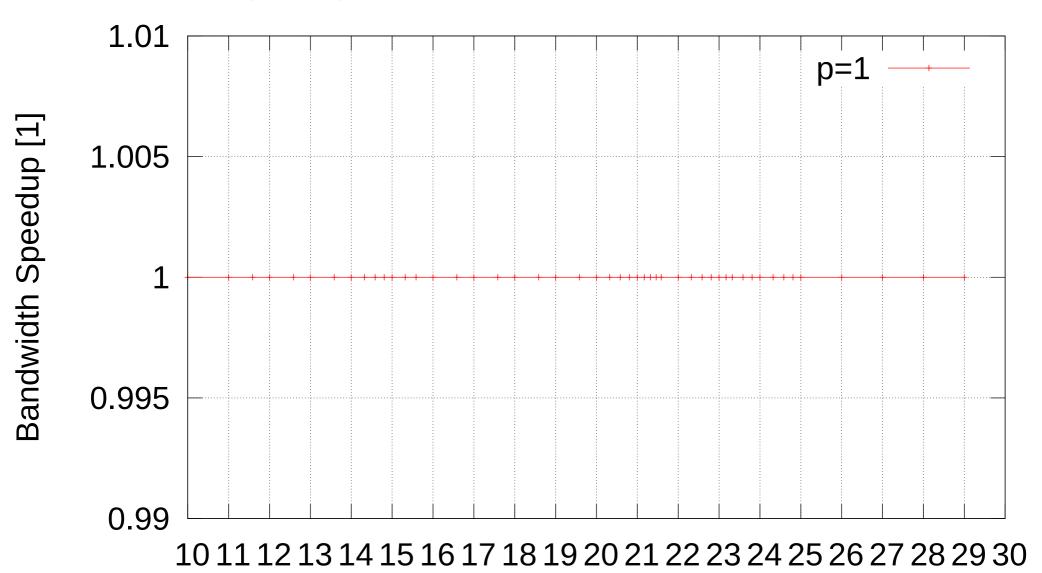


Array Size log<sub>2</sub> [B]



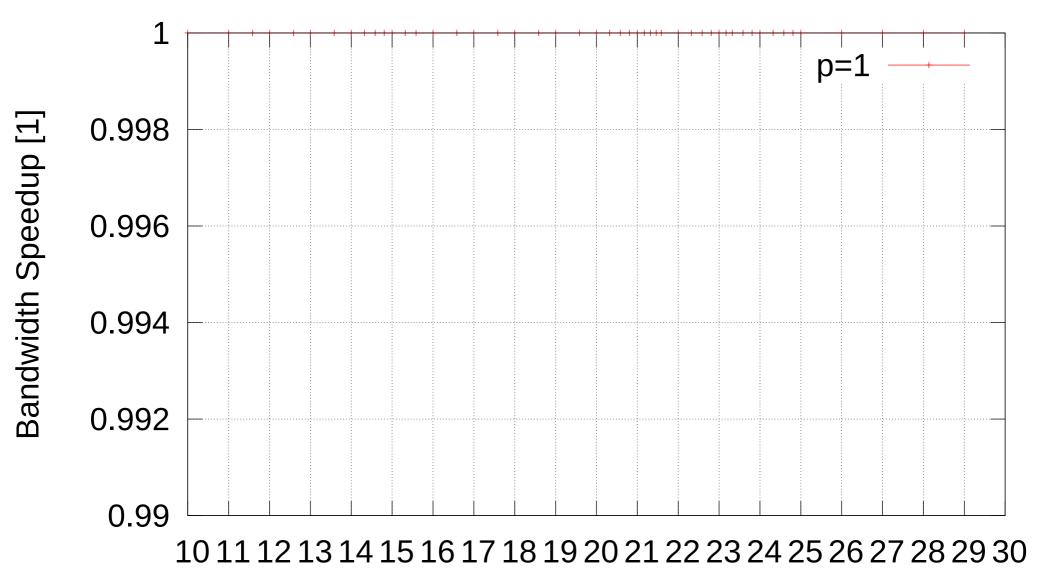
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanRead64PtrL



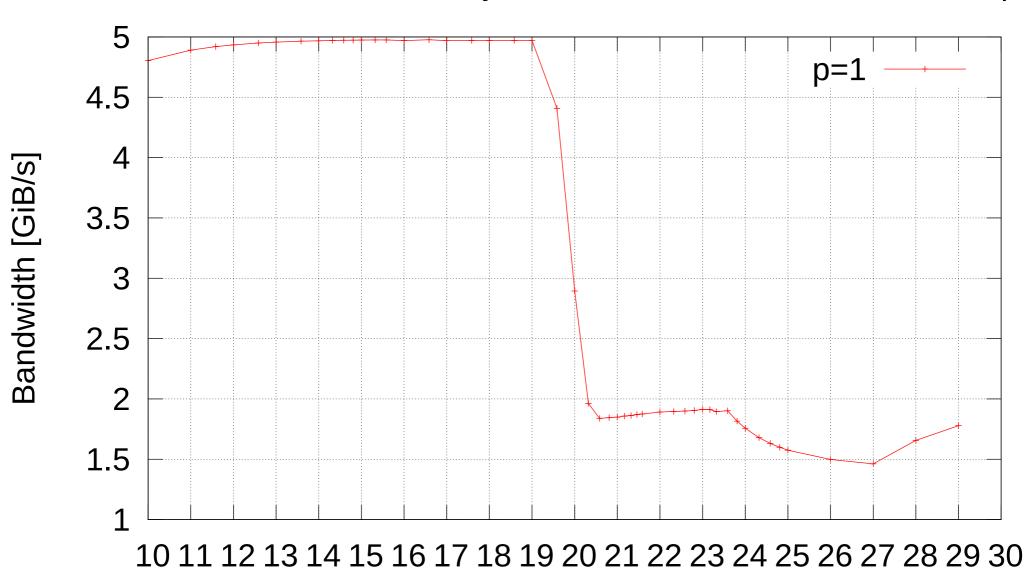
Array Size log<sub>2</sub> [B]

Dee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead6



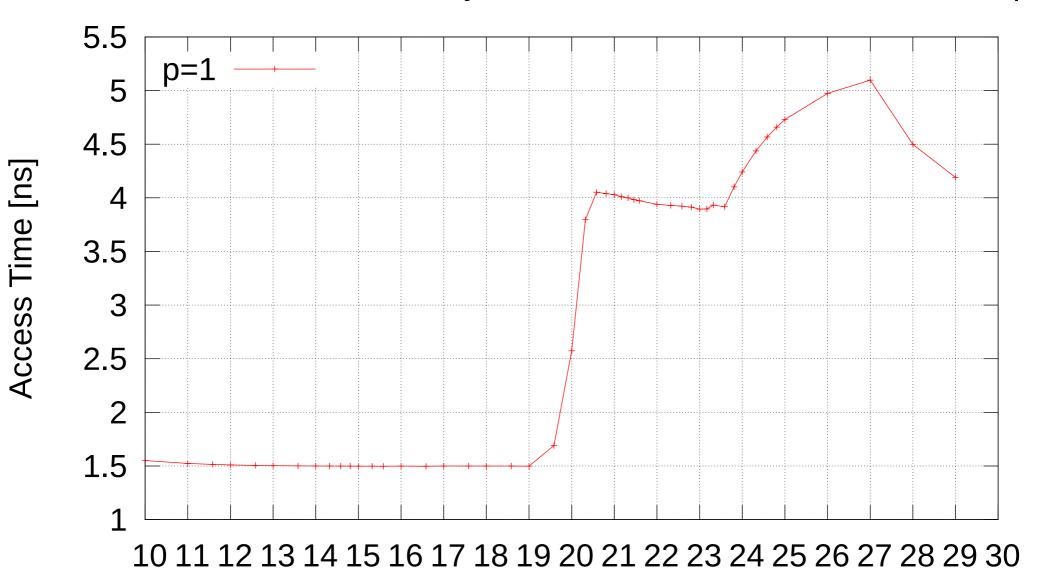
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanWrite64IndexSimpleL



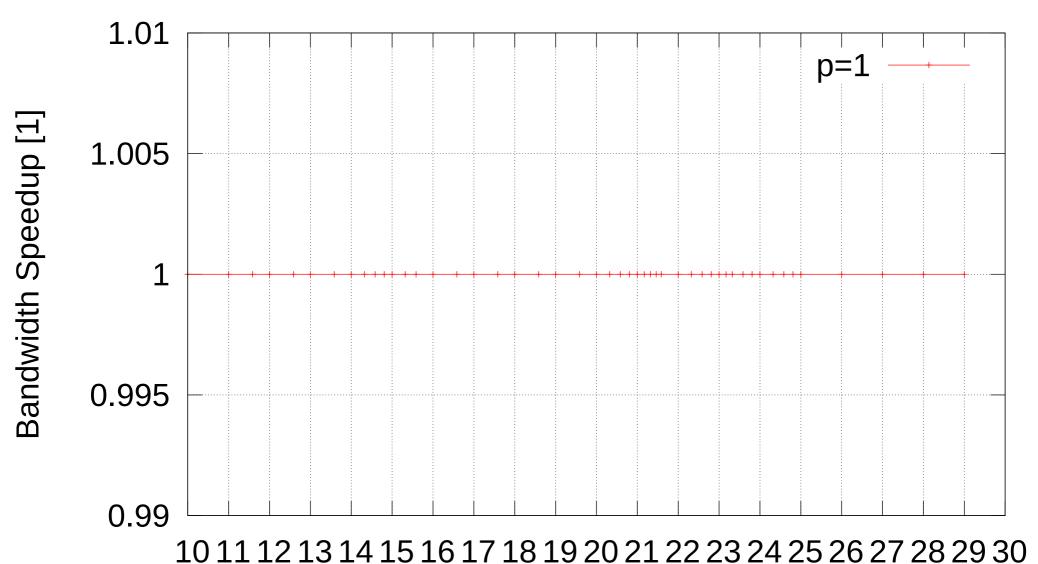
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - ScanWrite64IndexSimple



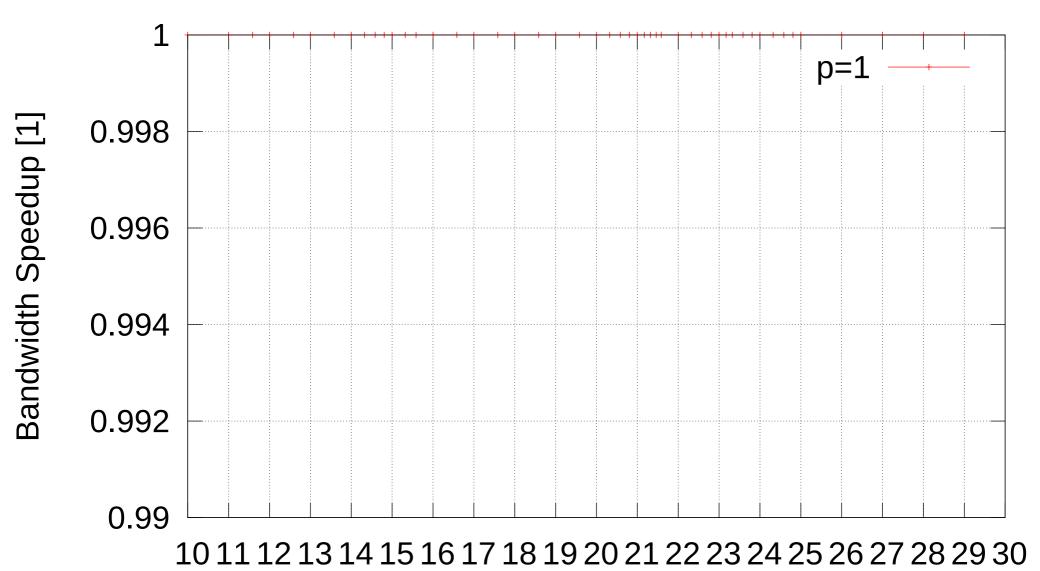
Array Size log<sub>2</sub> [B]

'92f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanWrite64Index



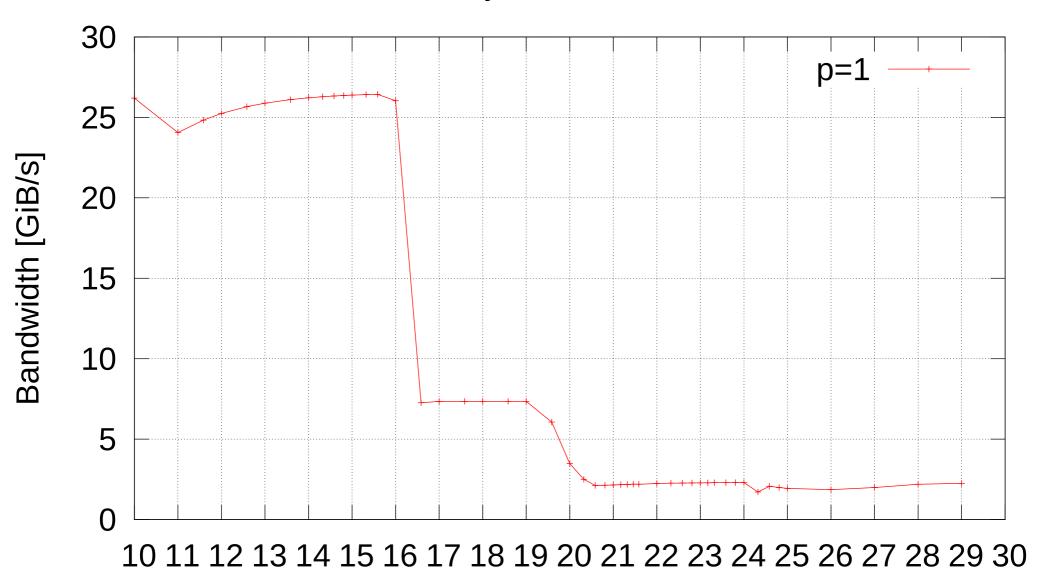
Array Size log<sub>2</sub> [B]

e3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64

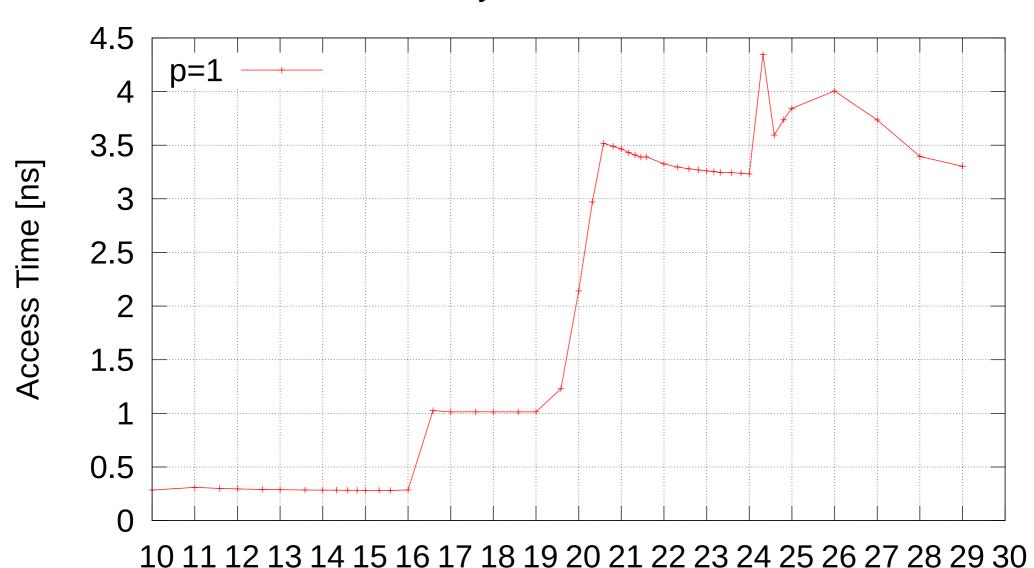


Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanWrite64IndexUnrollLo

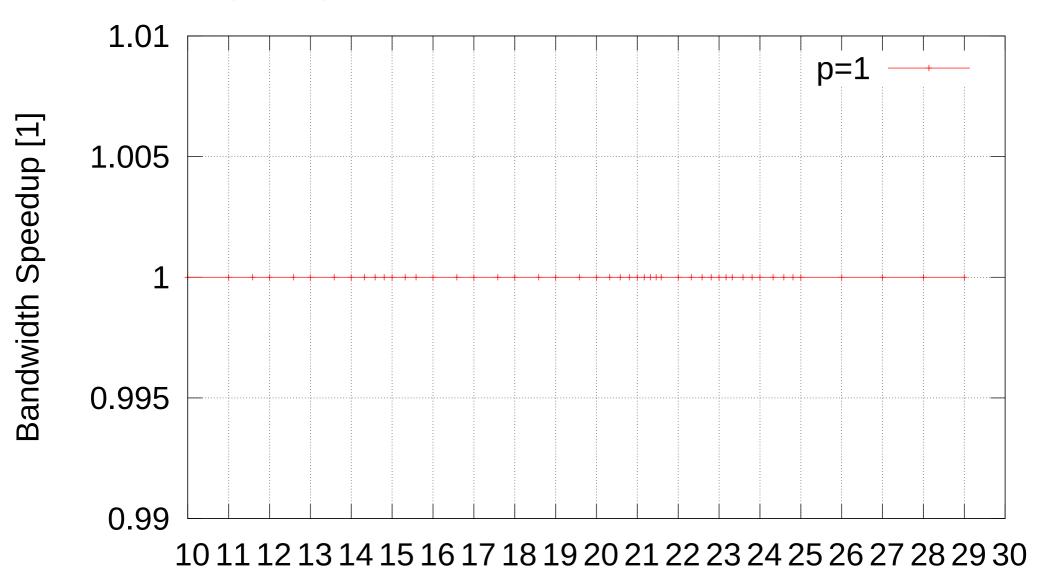


Array Size log<sub>2</sub> [B]



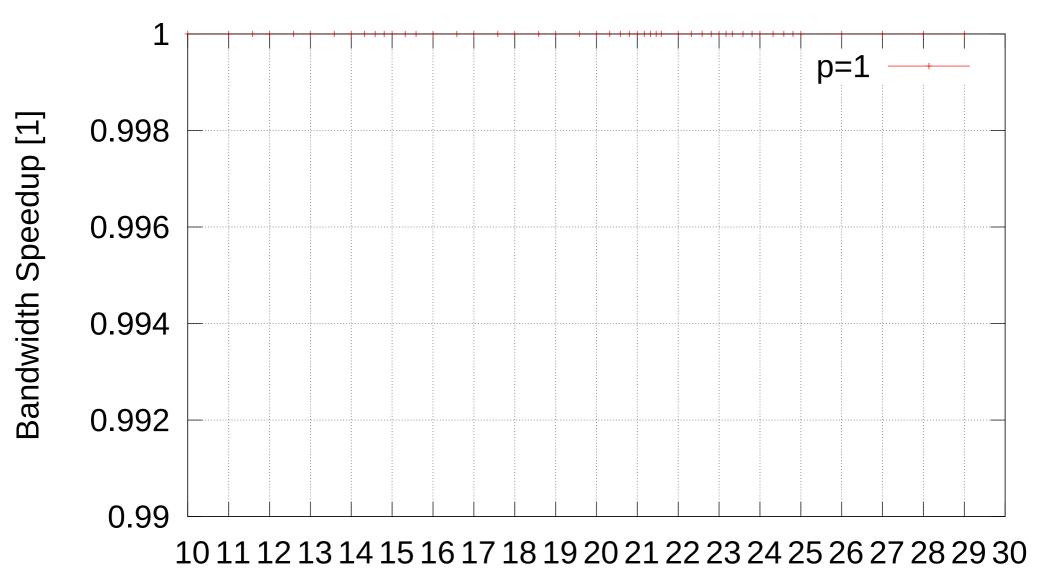
Array Size log<sub>2</sub> [B]

792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanWrite64Index



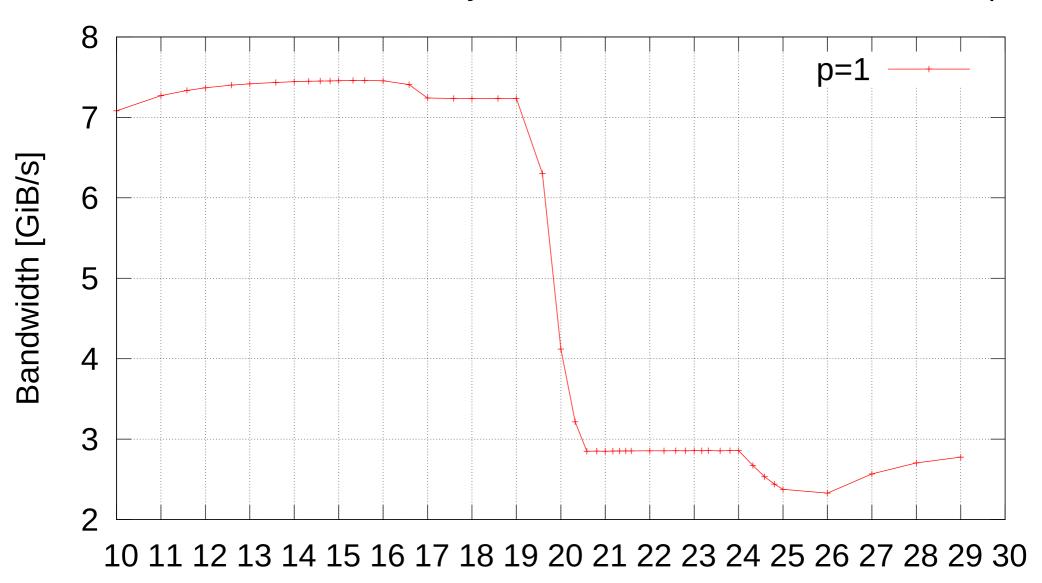
Array Size log<sub>2</sub> [B]

ee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64



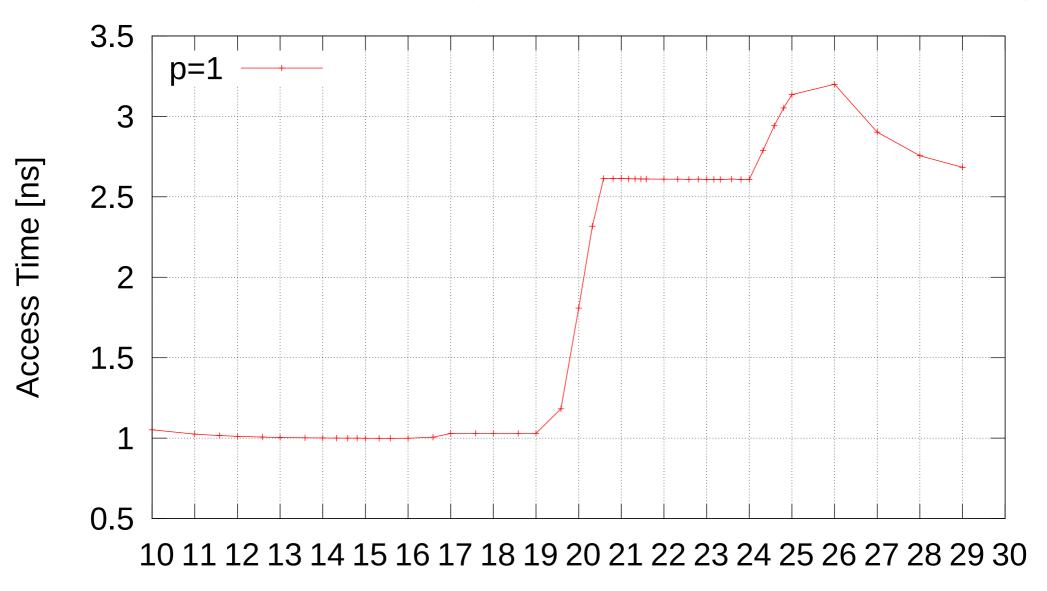
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanRead64IndexSimpleLo



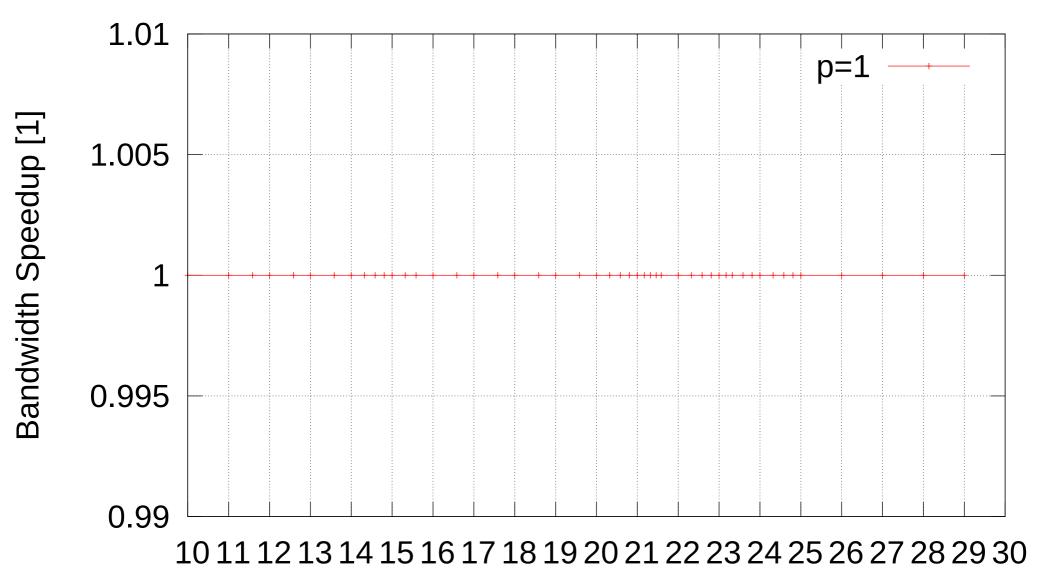
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - ScanRead64IndexSimple



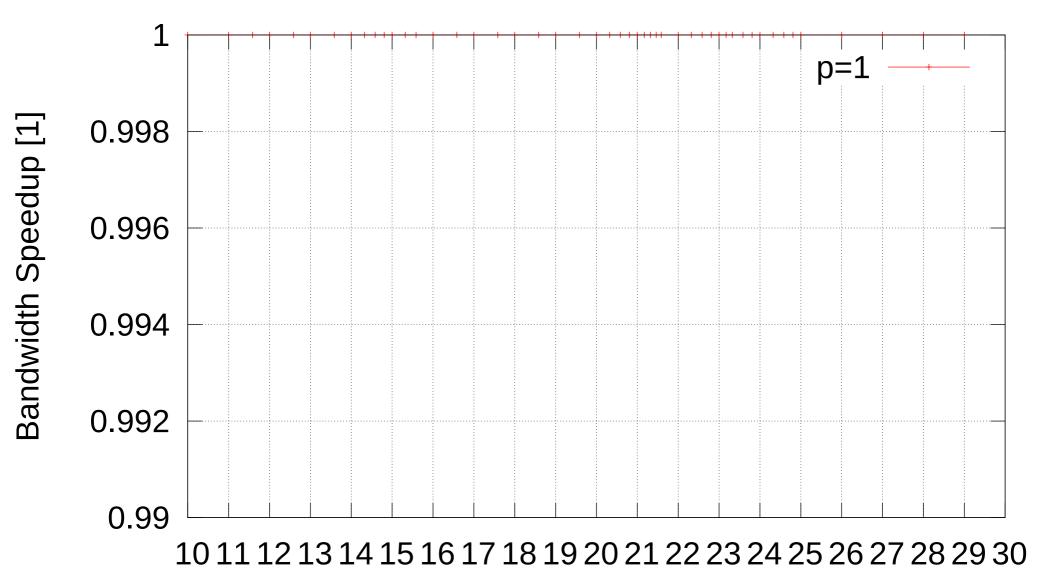
Array Size log<sub>2</sub> [B]

'92f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanRead64Index



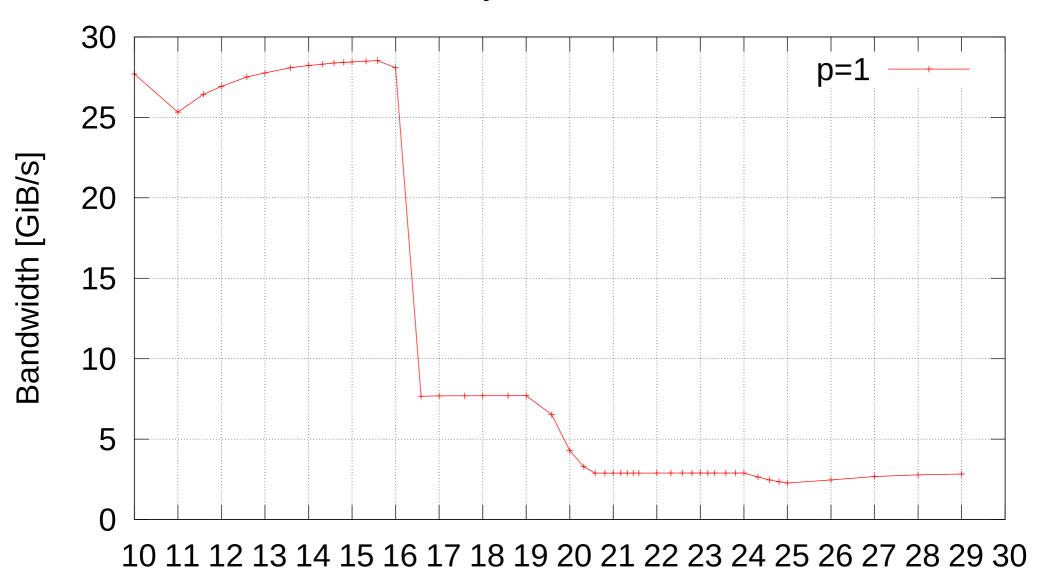
Array Size log<sub>2</sub> [B]

e3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64



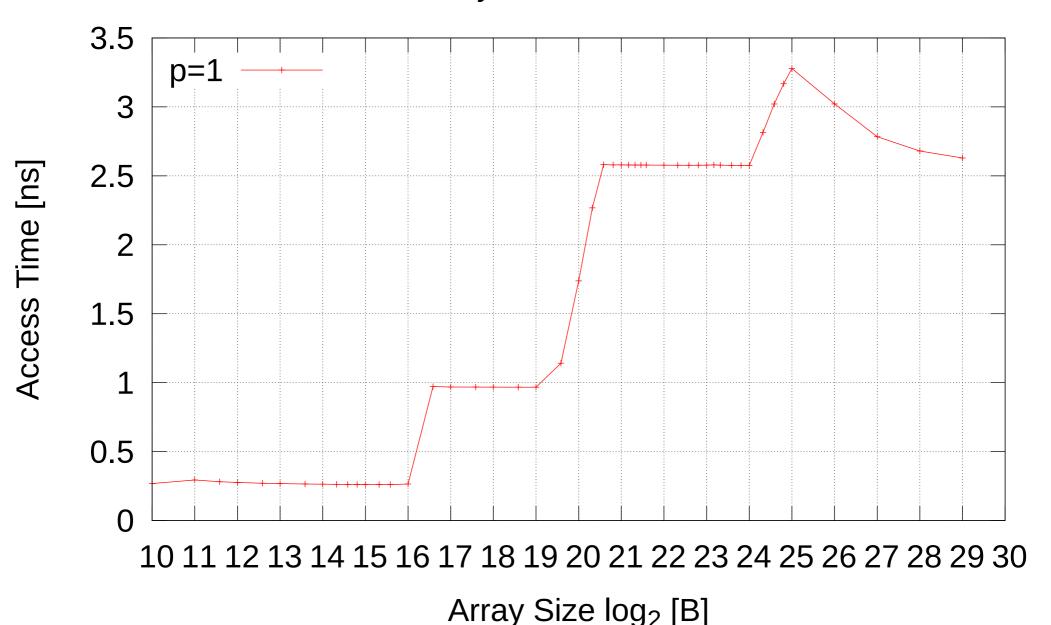
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanRead64IndexUnrollLo



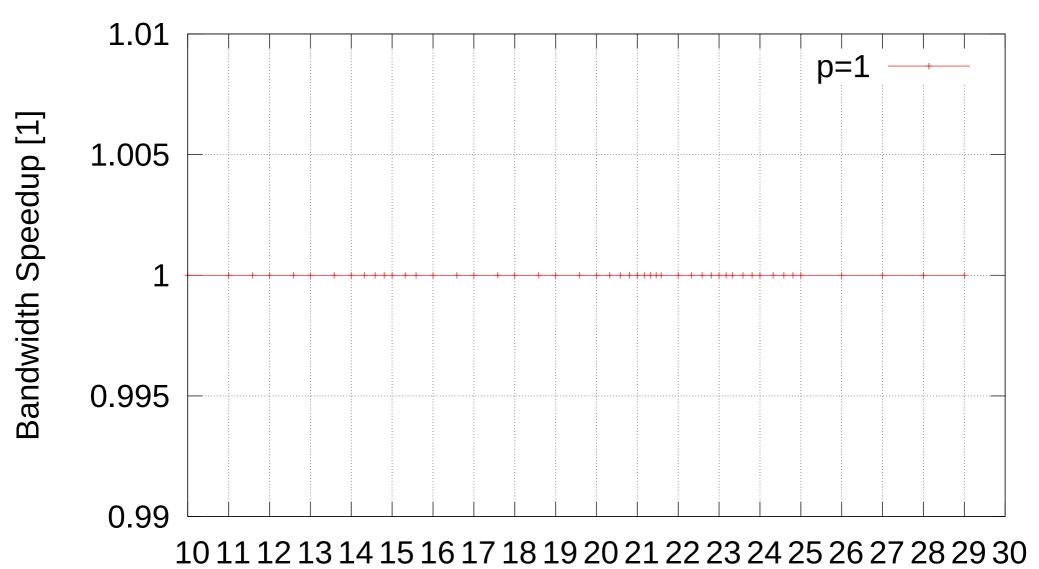
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - ScanRead64IndexUnroll



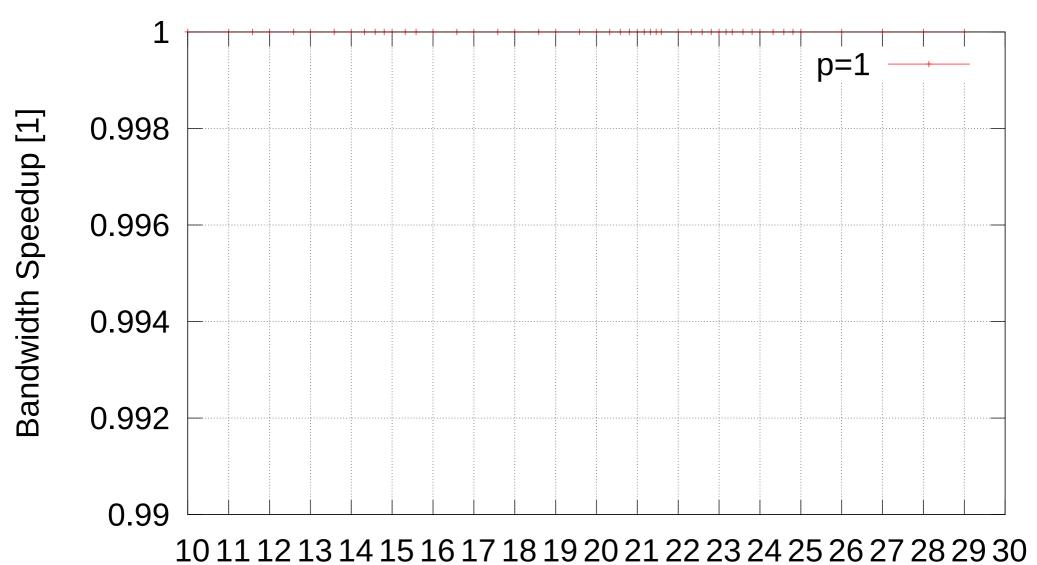
pmbw 0.6.2

792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanRead64Index

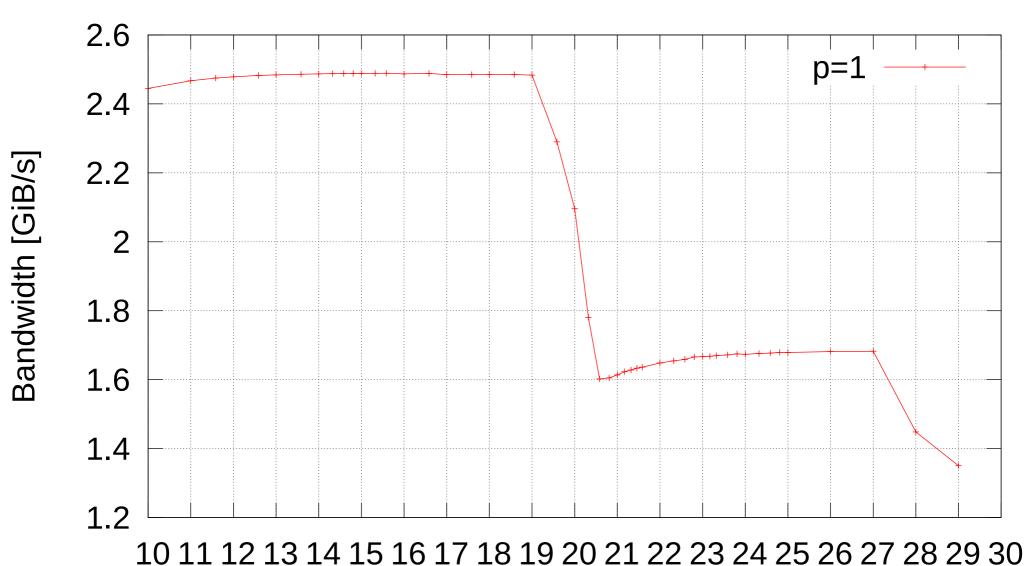


Array Size log<sub>2</sub> [B]

ee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64

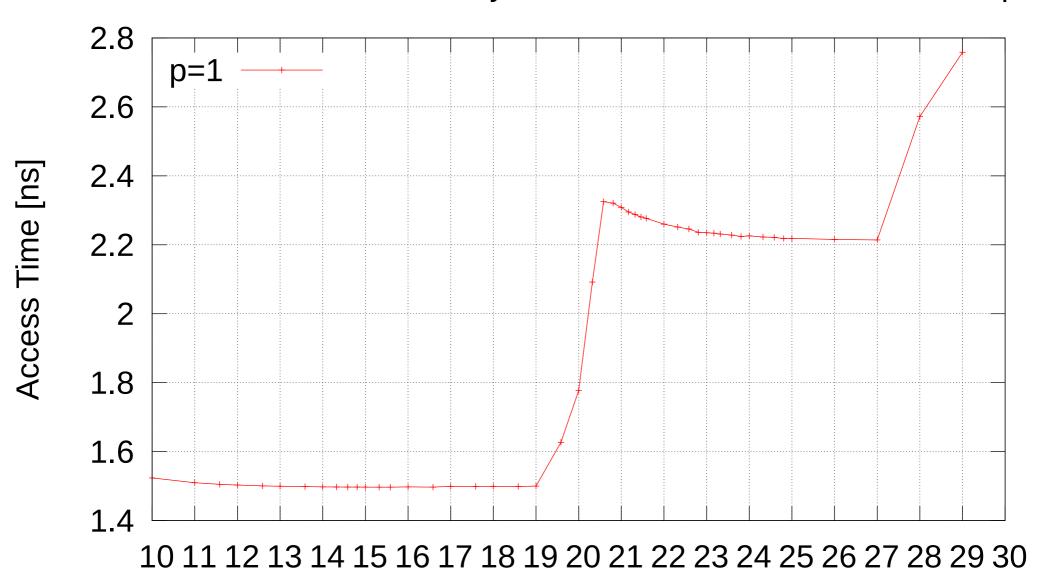


Array Size log<sub>2</sub> [B]



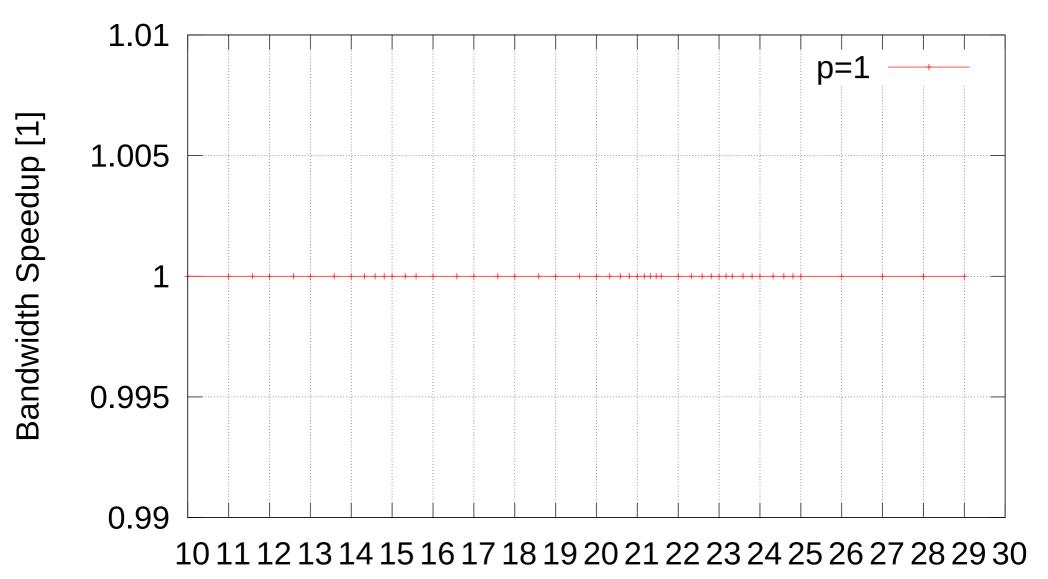
Array Size log<sub>2</sub> [B]

## 3792f0ee3854 - Parallel Memory Access Time - ScanWrite32PtrSimpleL



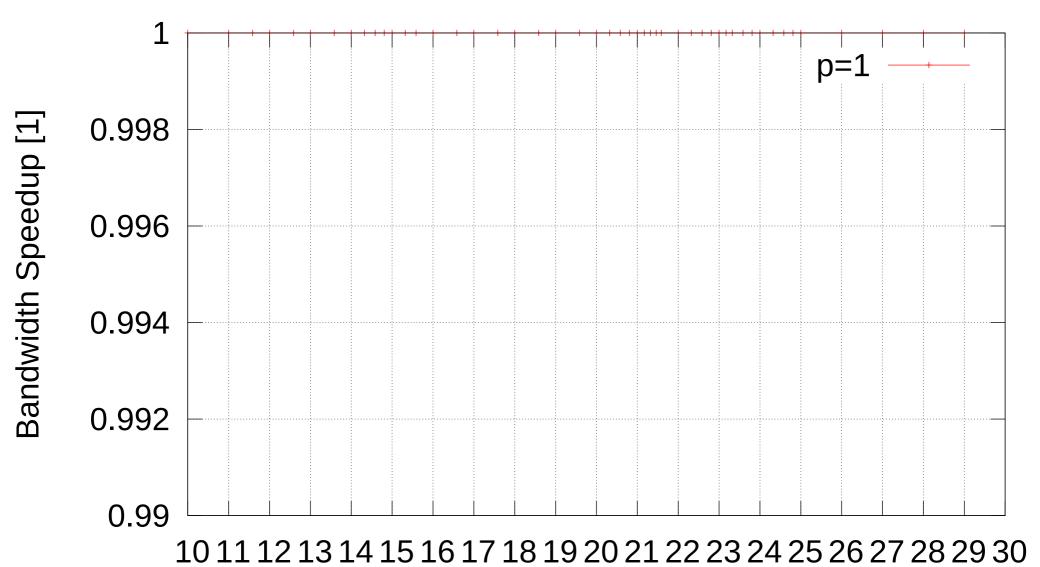
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrS



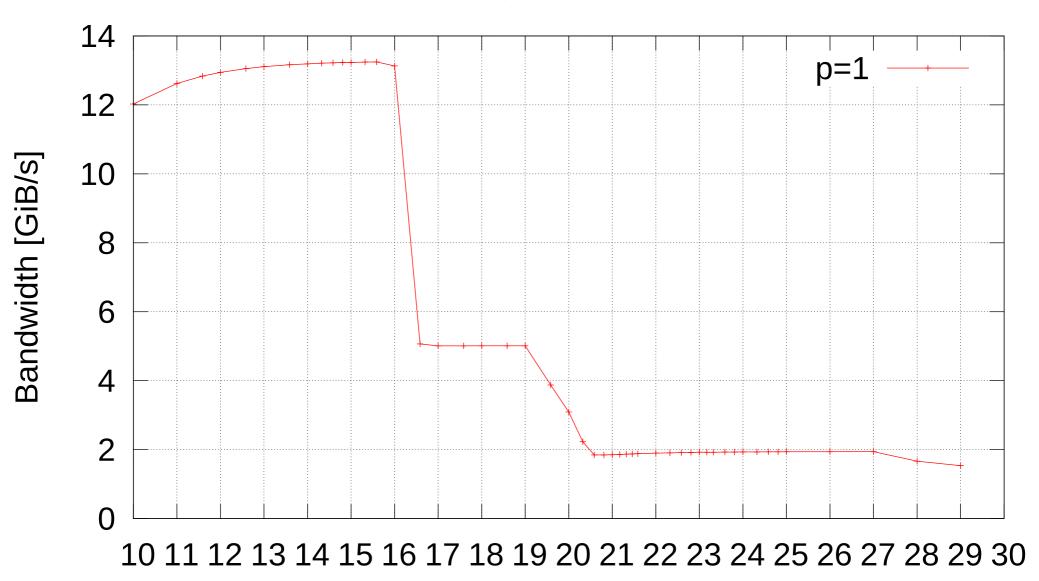
Array Size log<sub>2</sub> [B]

Dee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite3

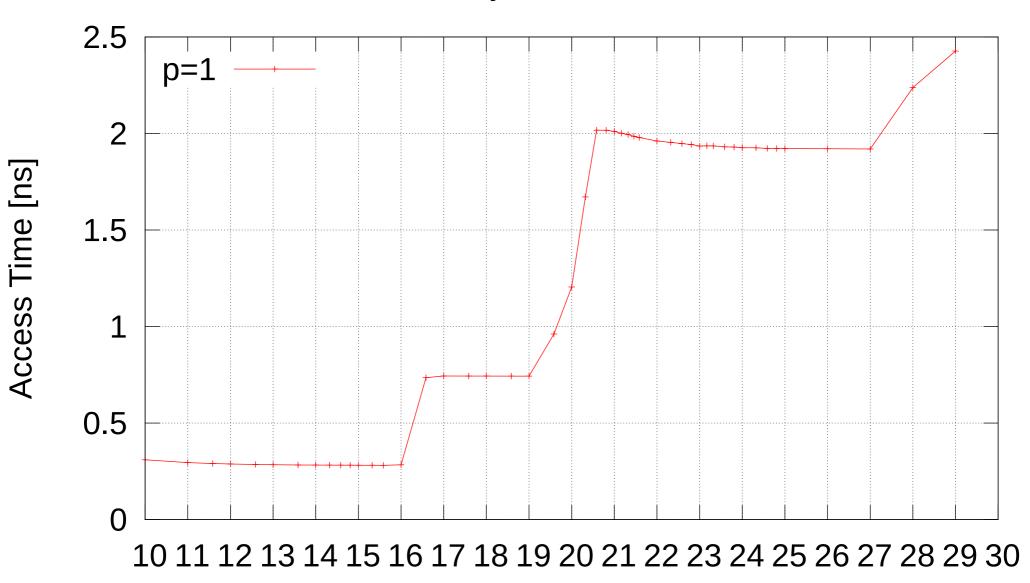


Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoc

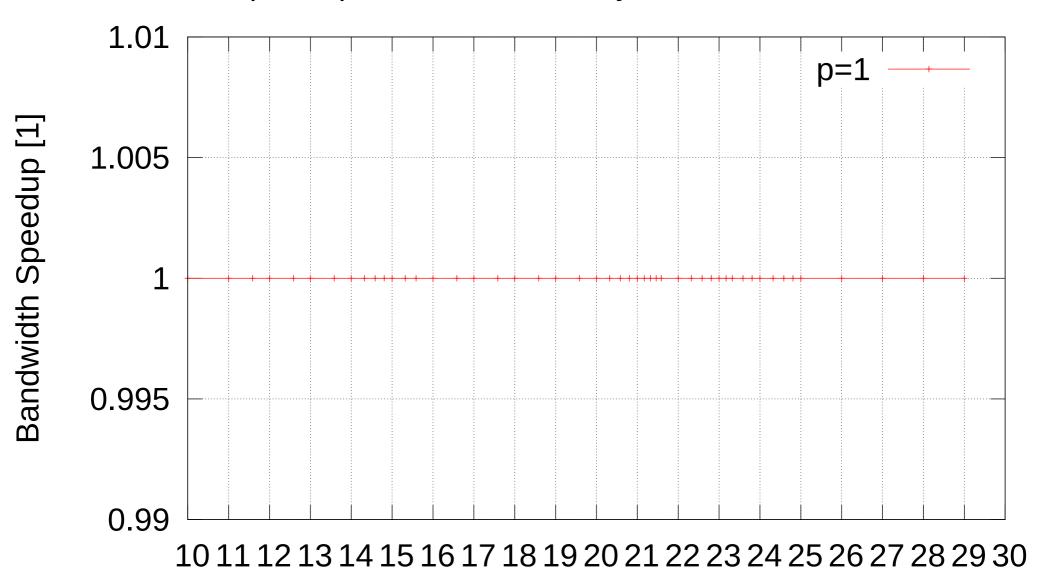


Array Size log<sub>2</sub> [B]



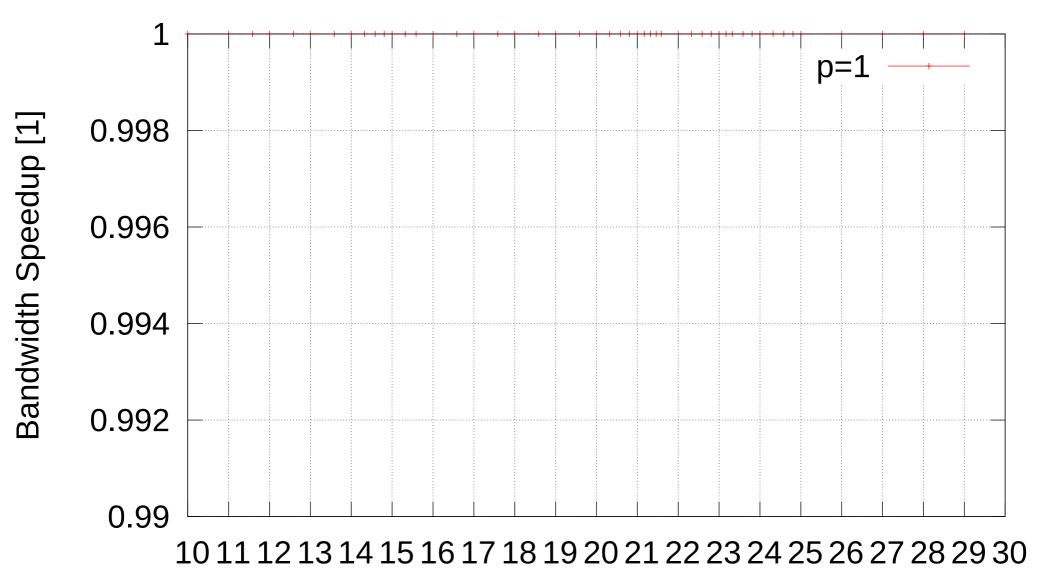
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrU

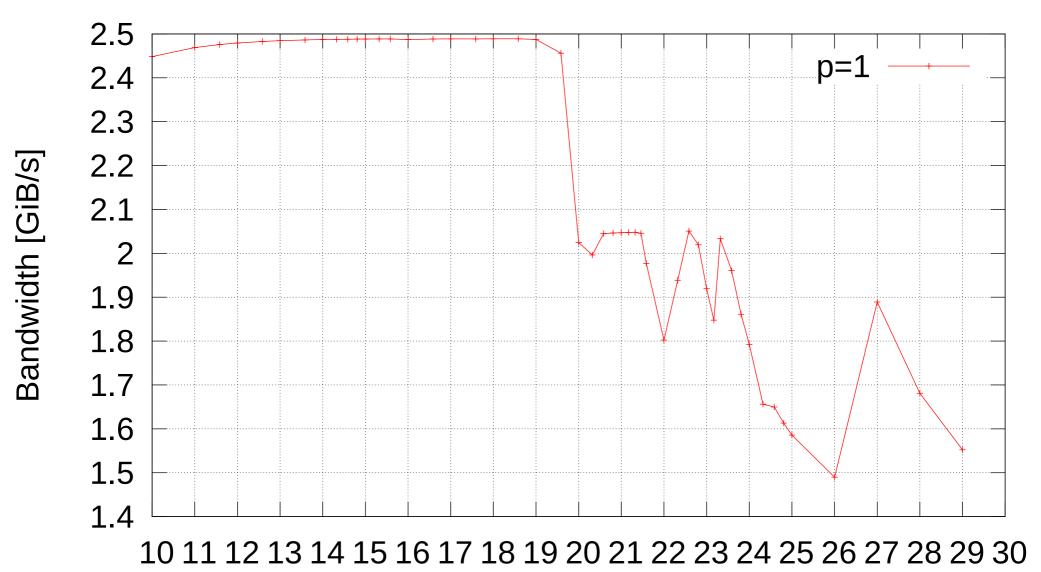


Array Size log<sub>2</sub> [B]

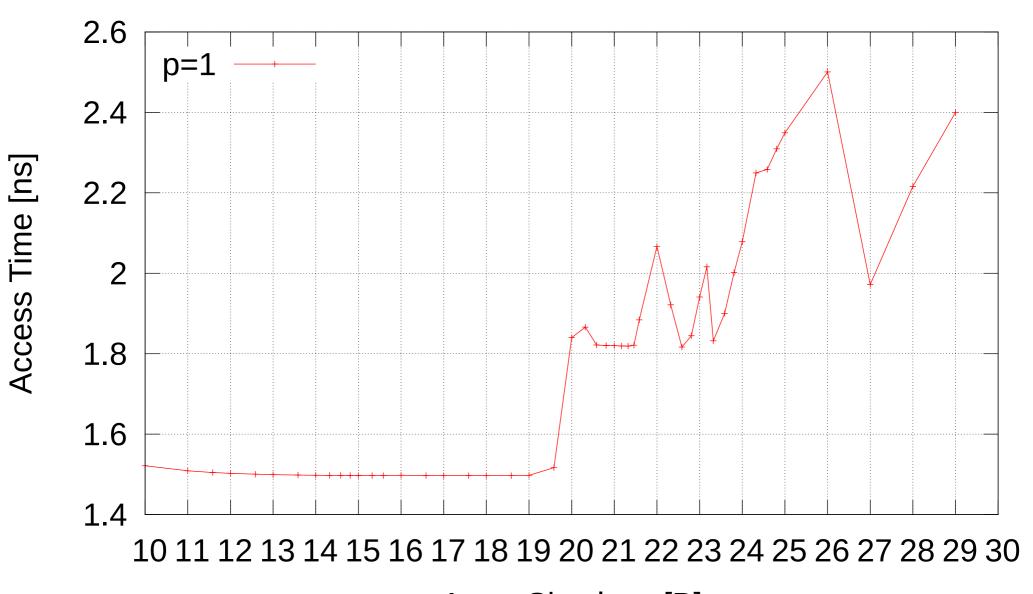
0ee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite3



Array Size  $\log_2$  [B]

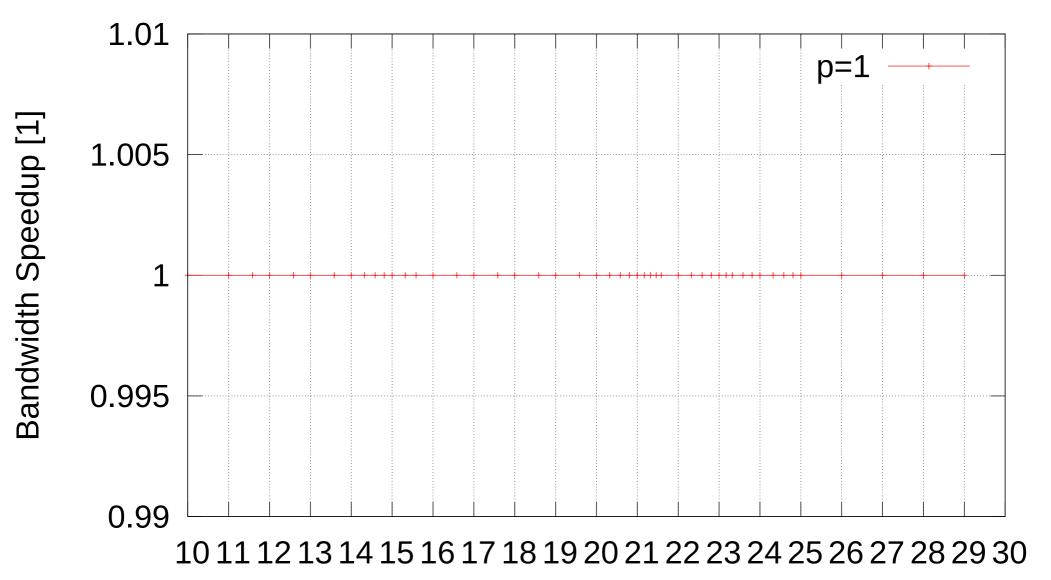


Array Size log<sub>2</sub> [B]



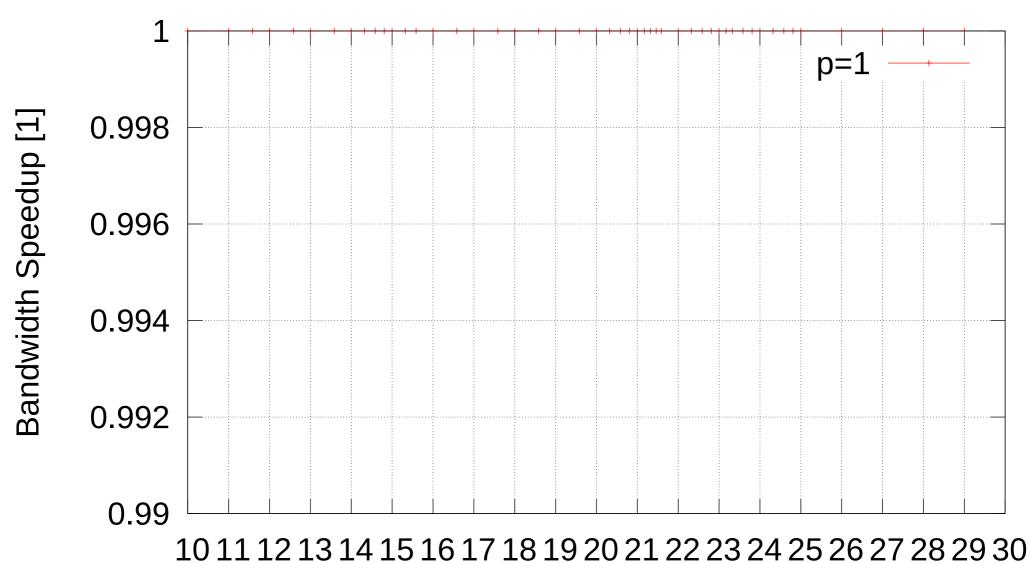
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanRead32PtrS



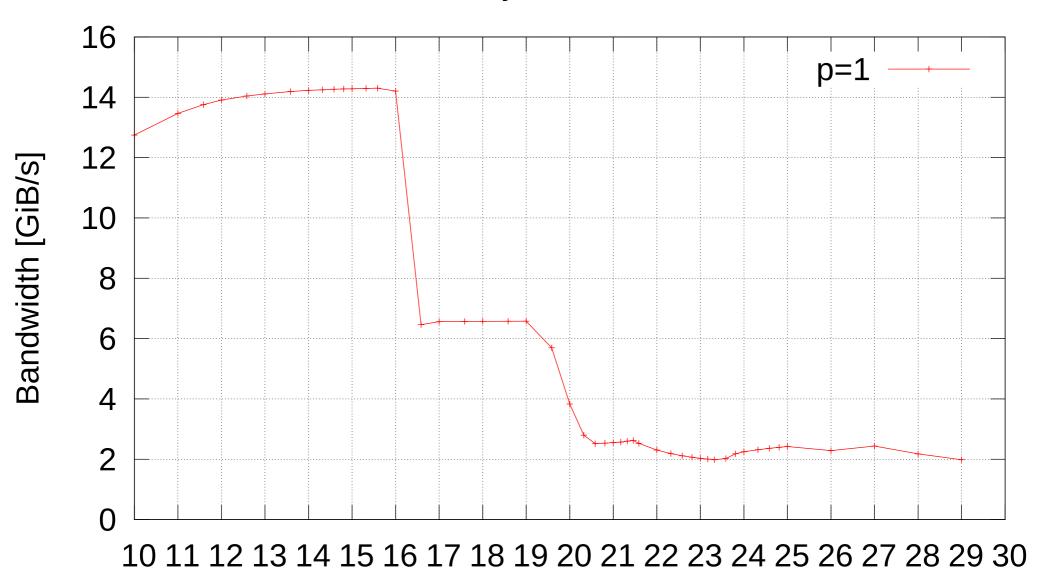
Array Size log<sub>2</sub> [B]



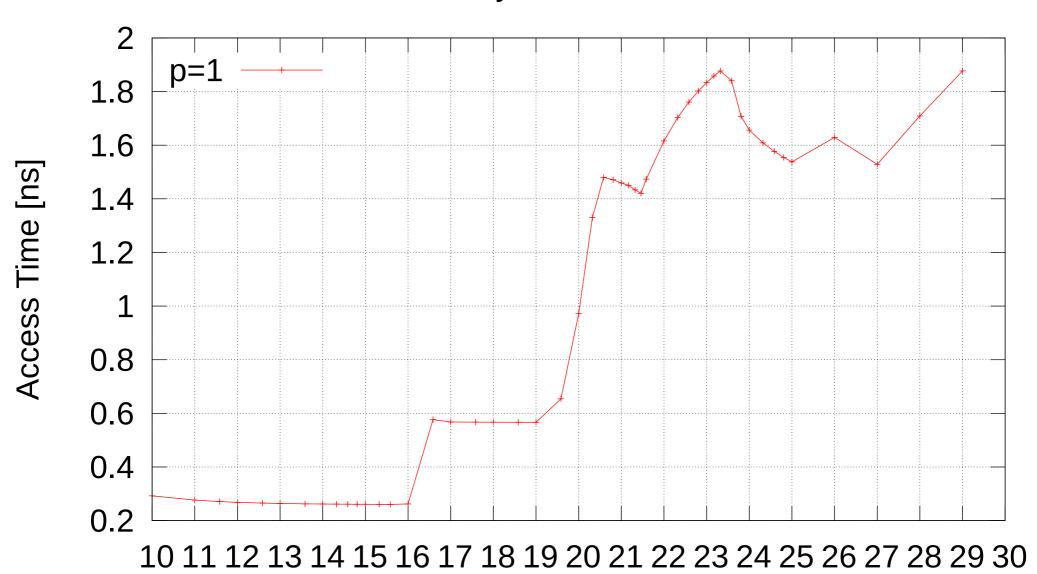


Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Bandwidth - ScanRead32PtrUnrollLoc

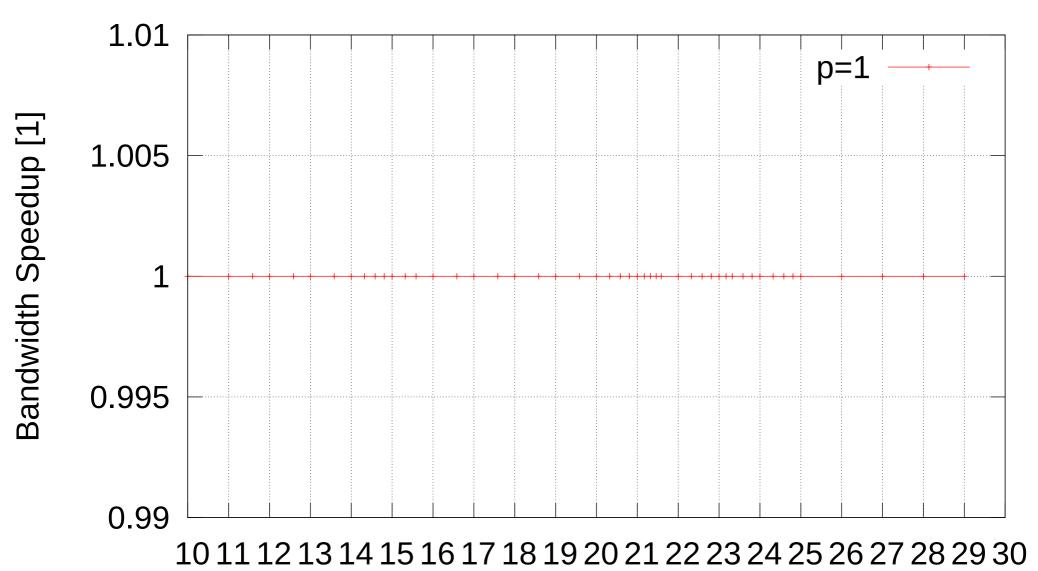


Array Size log<sub>2</sub> [B]



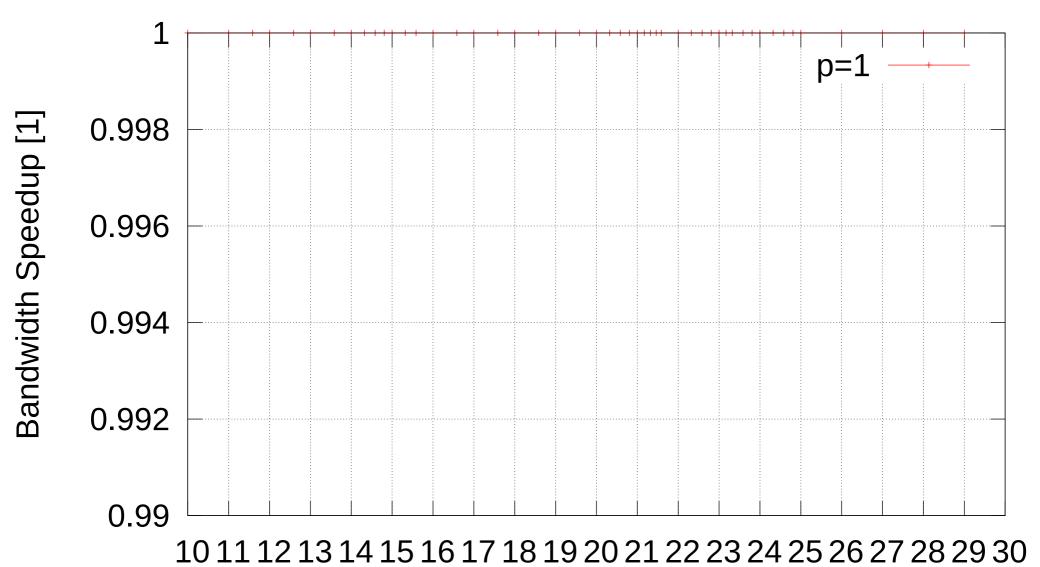
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - ScanRead32PtrU



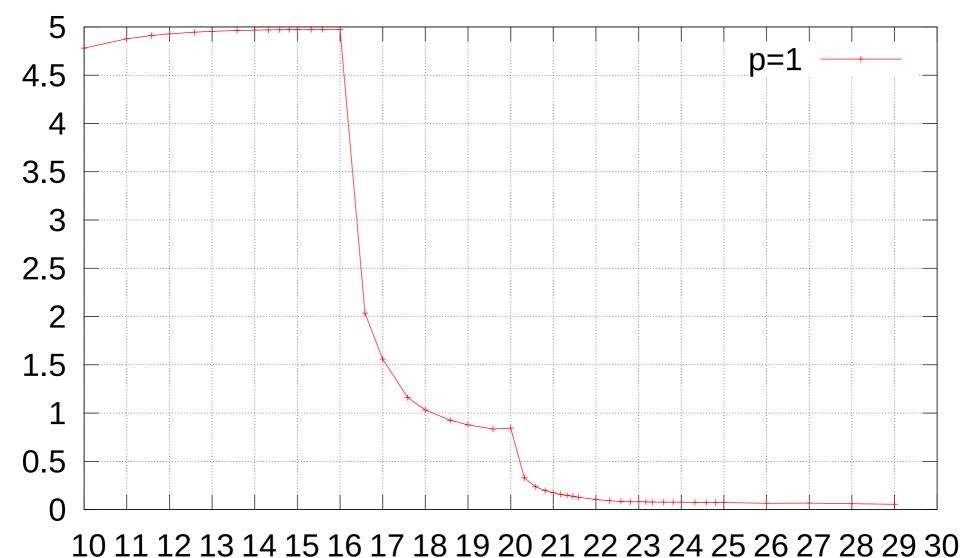
Array Size log<sub>2</sub> [B]

Dee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead3



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

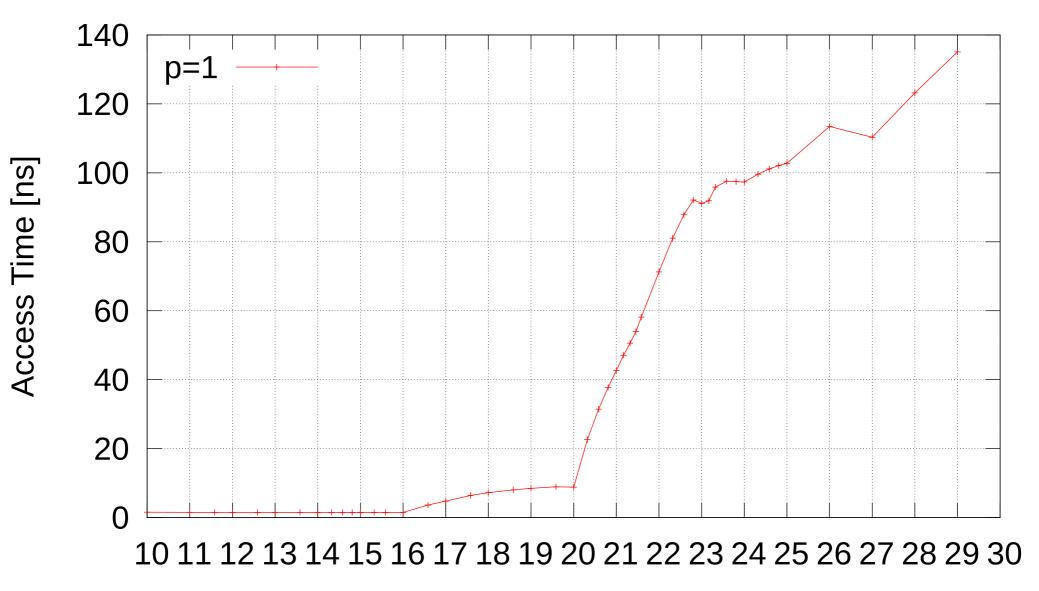




3 10 11 10 13 20 21 22 23 24 23 20 21 20 23 30

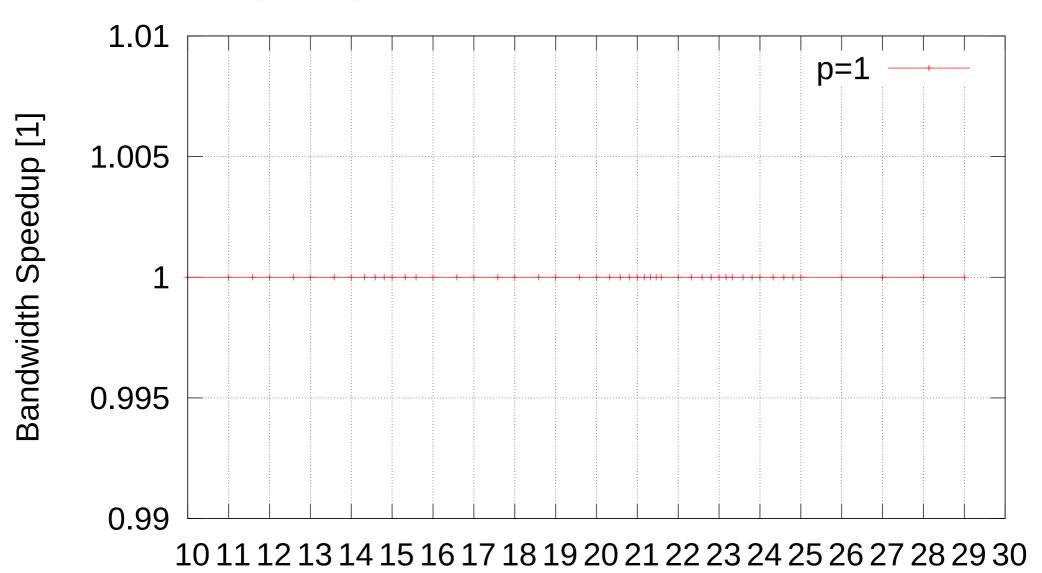
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - PermRead64SimpleLo



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

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - PermRead64Sir



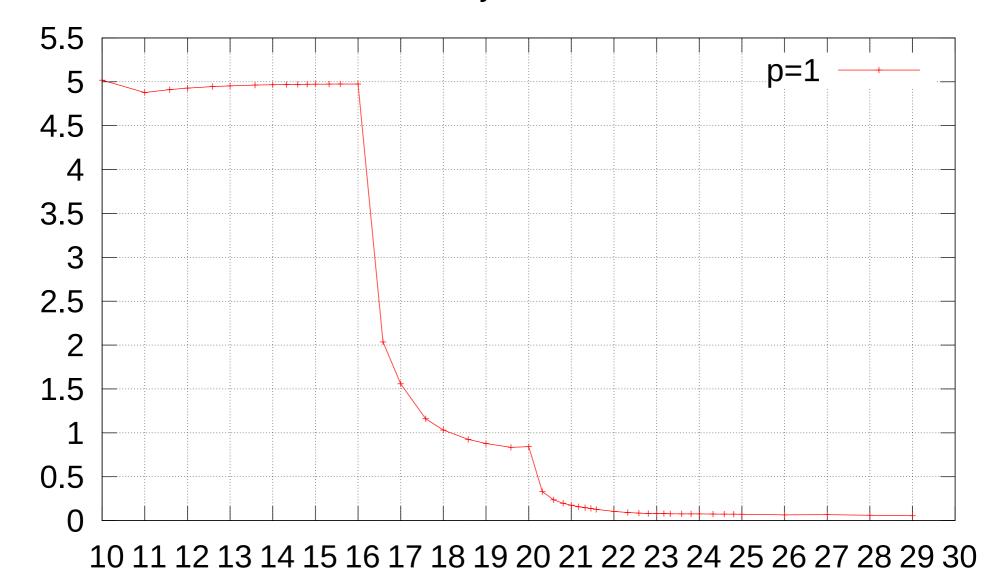
Array Size log<sub>2</sub> [B]

f0ee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead



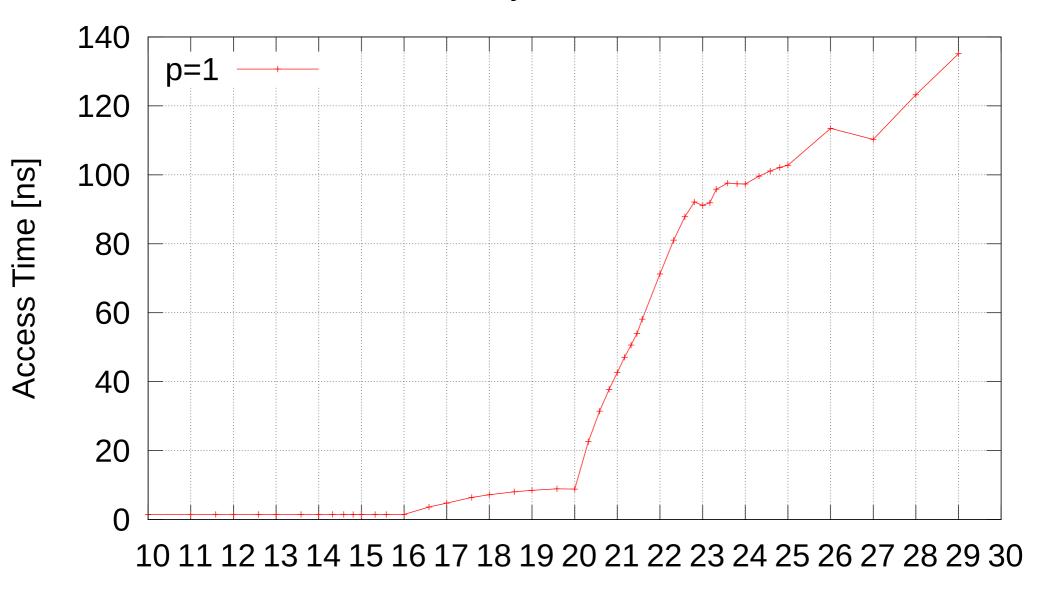
Array Size log<sub>2</sub> [B]

## 3792f0ee3854 - Parallel Memory Bandwidth - PermRead64UnrollLoo



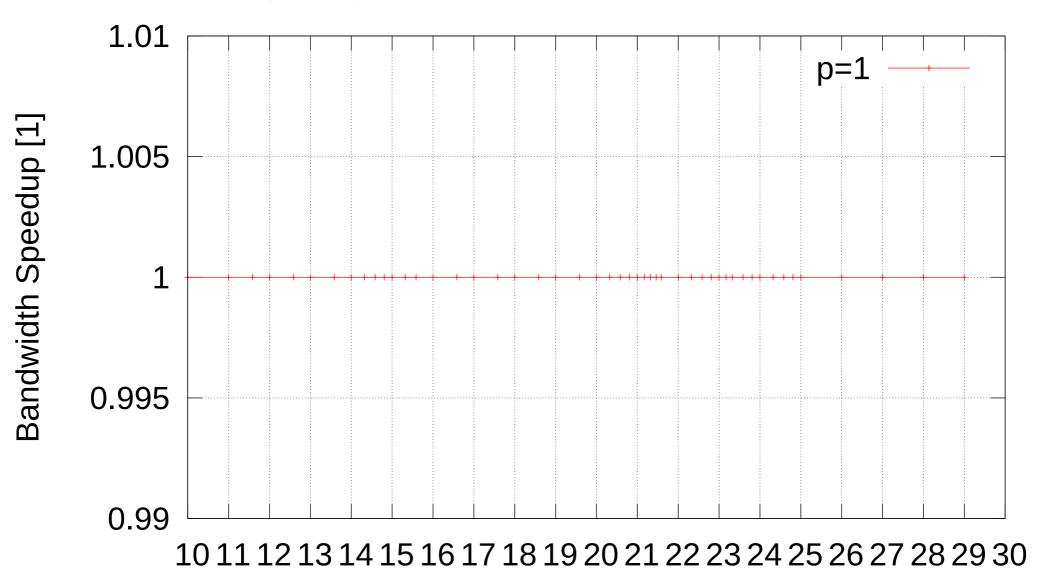
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Parallel Memory Access Time - PermRead64UnrollLo



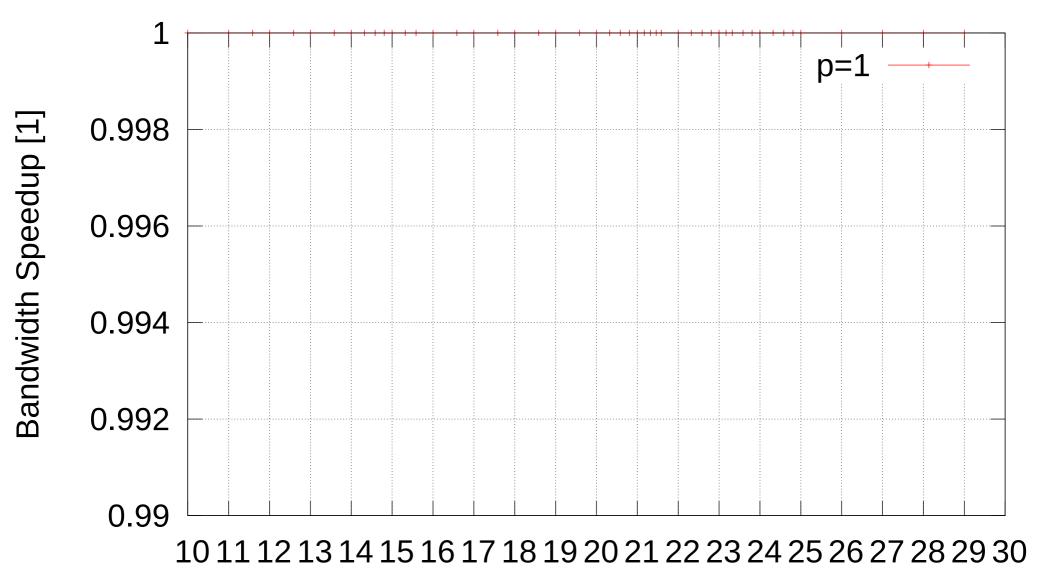
Array Size log<sub>2</sub> [B]

3792f0ee3854 - Speedup of Parallel Memory Bandwidth - PermRead64Ur



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

2f0ee3854 - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead



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