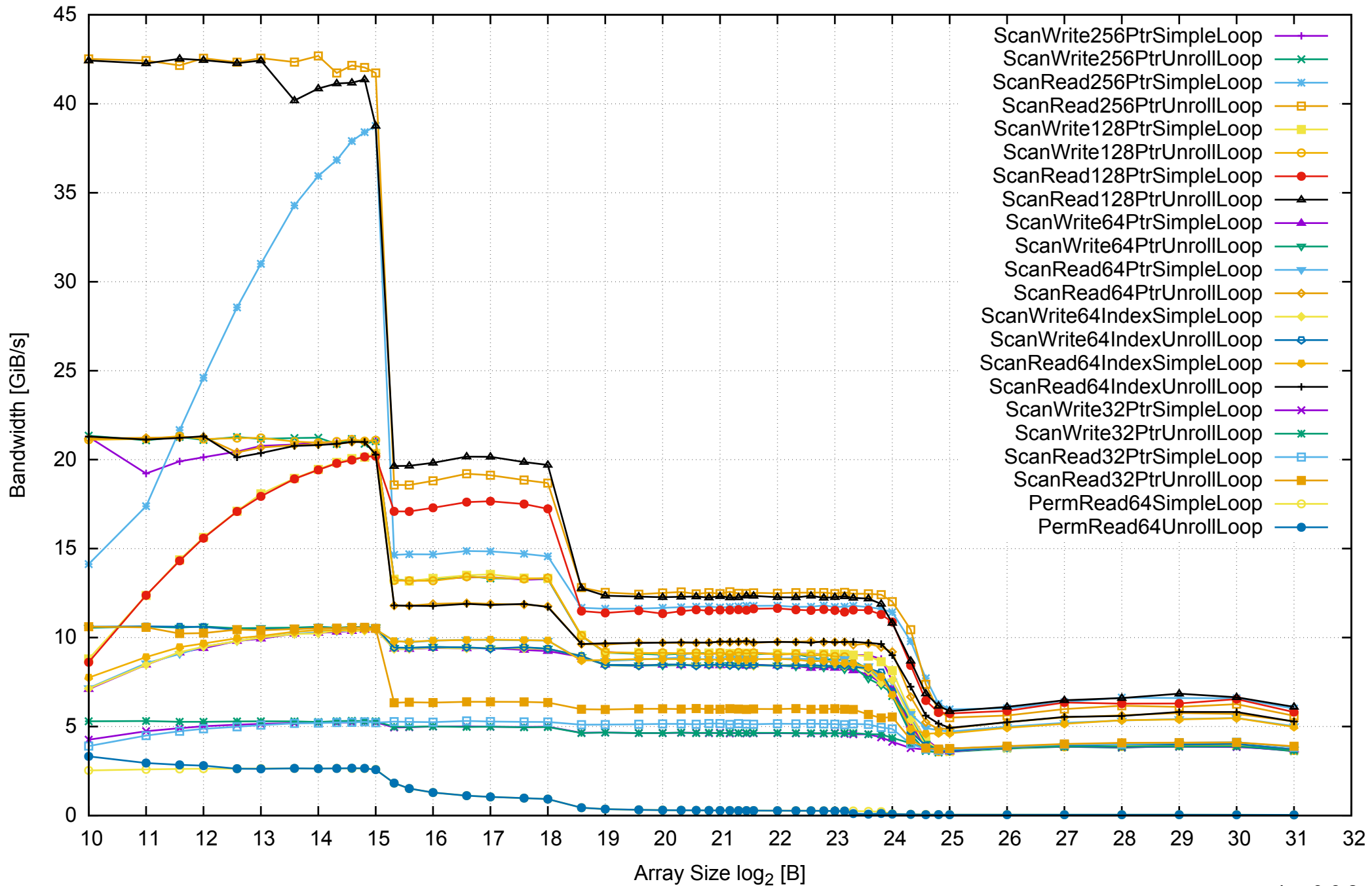
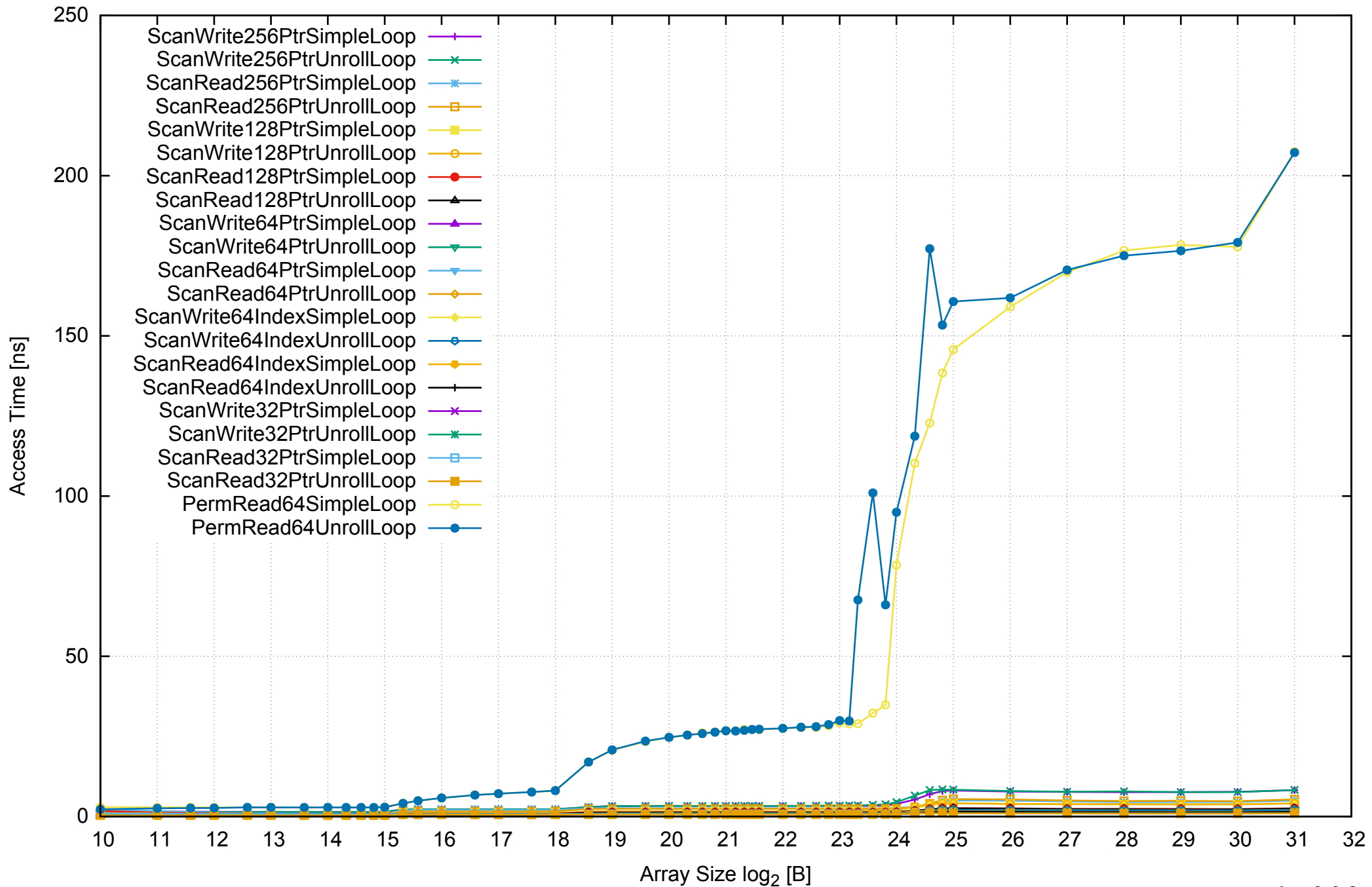


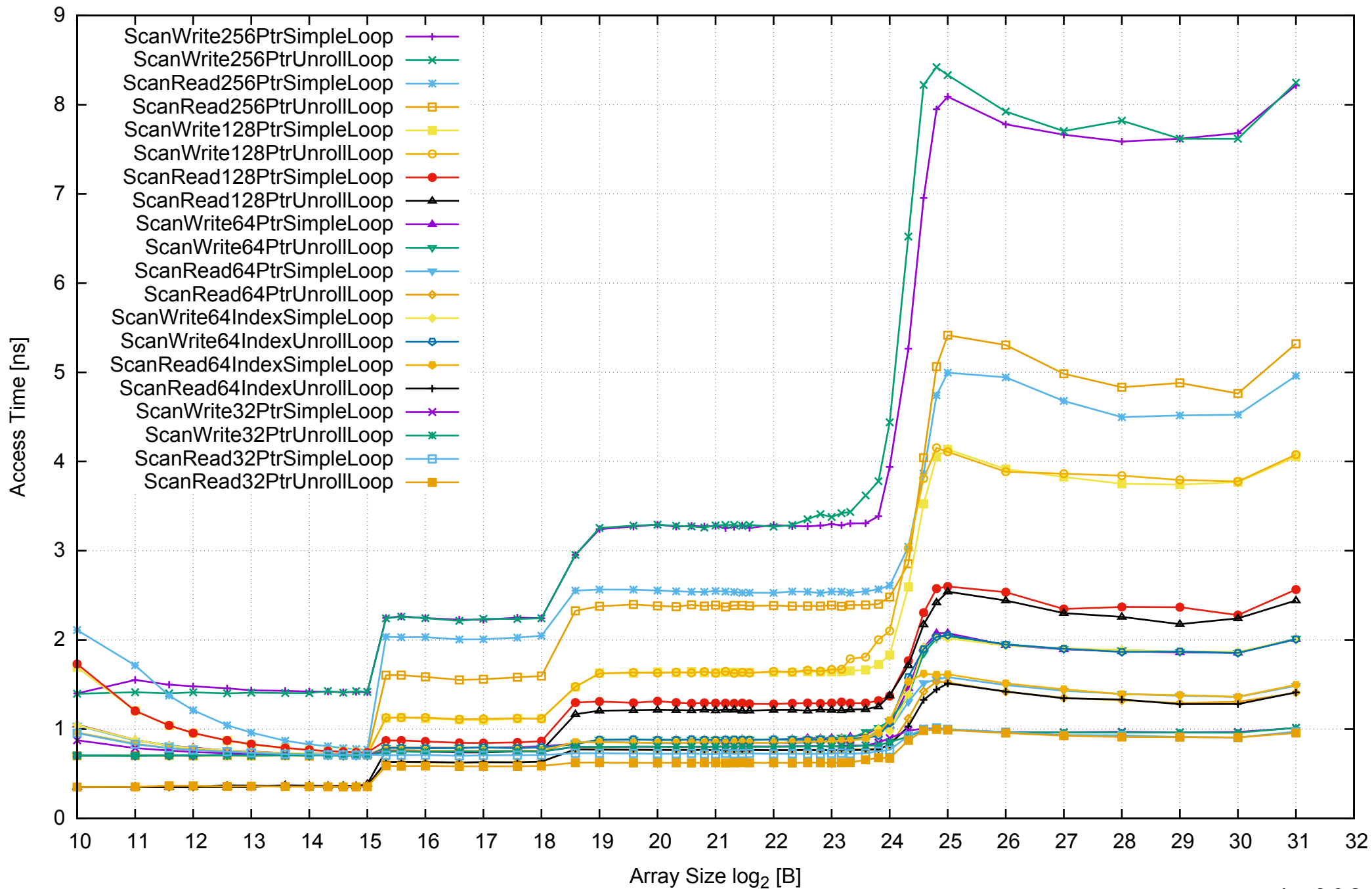
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - One Thread Memory Bandwidth



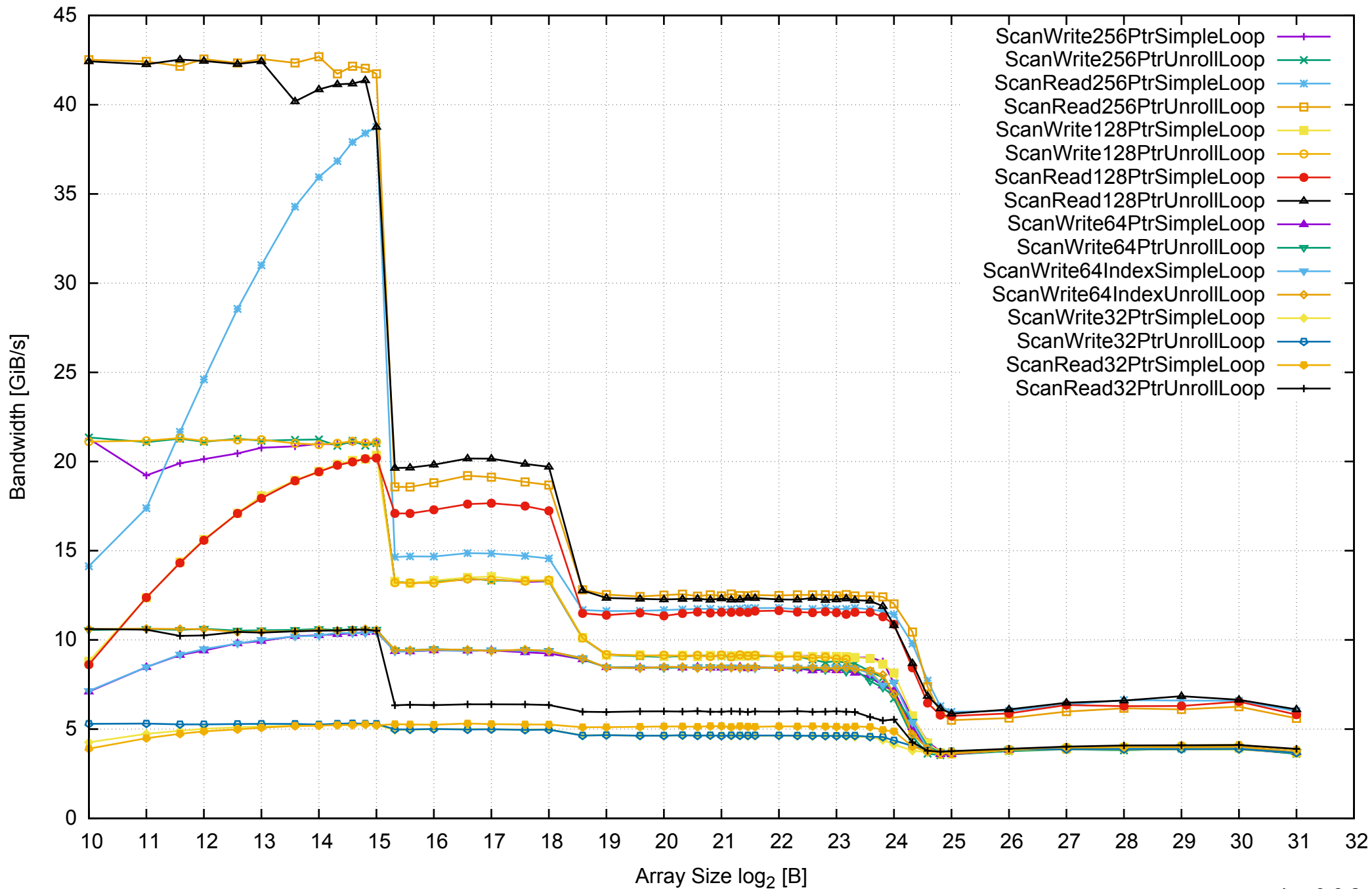
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - One Thread Memory Latency (Access Time)



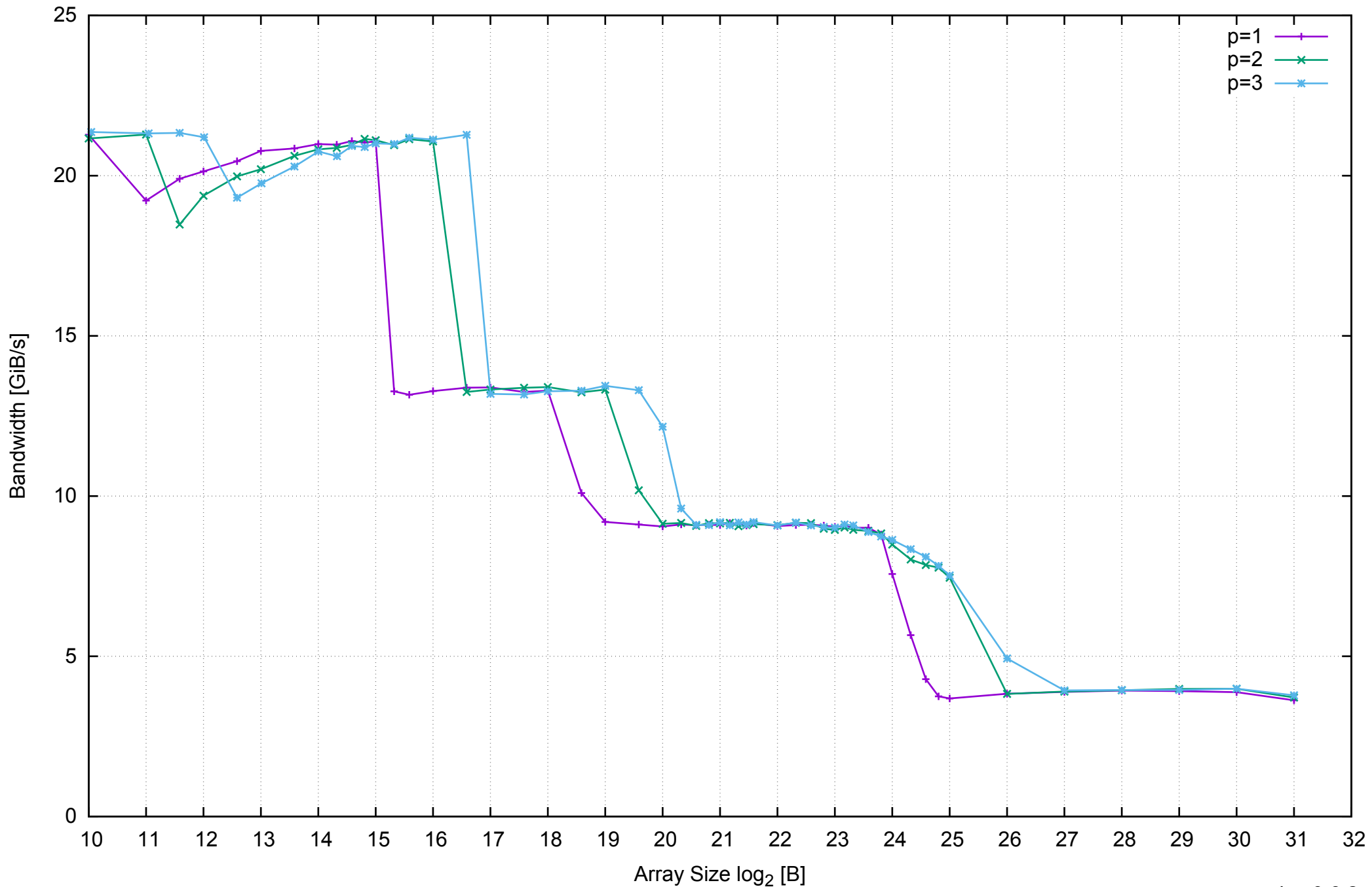
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - One Thread Memory Latency (excluding Permutation)



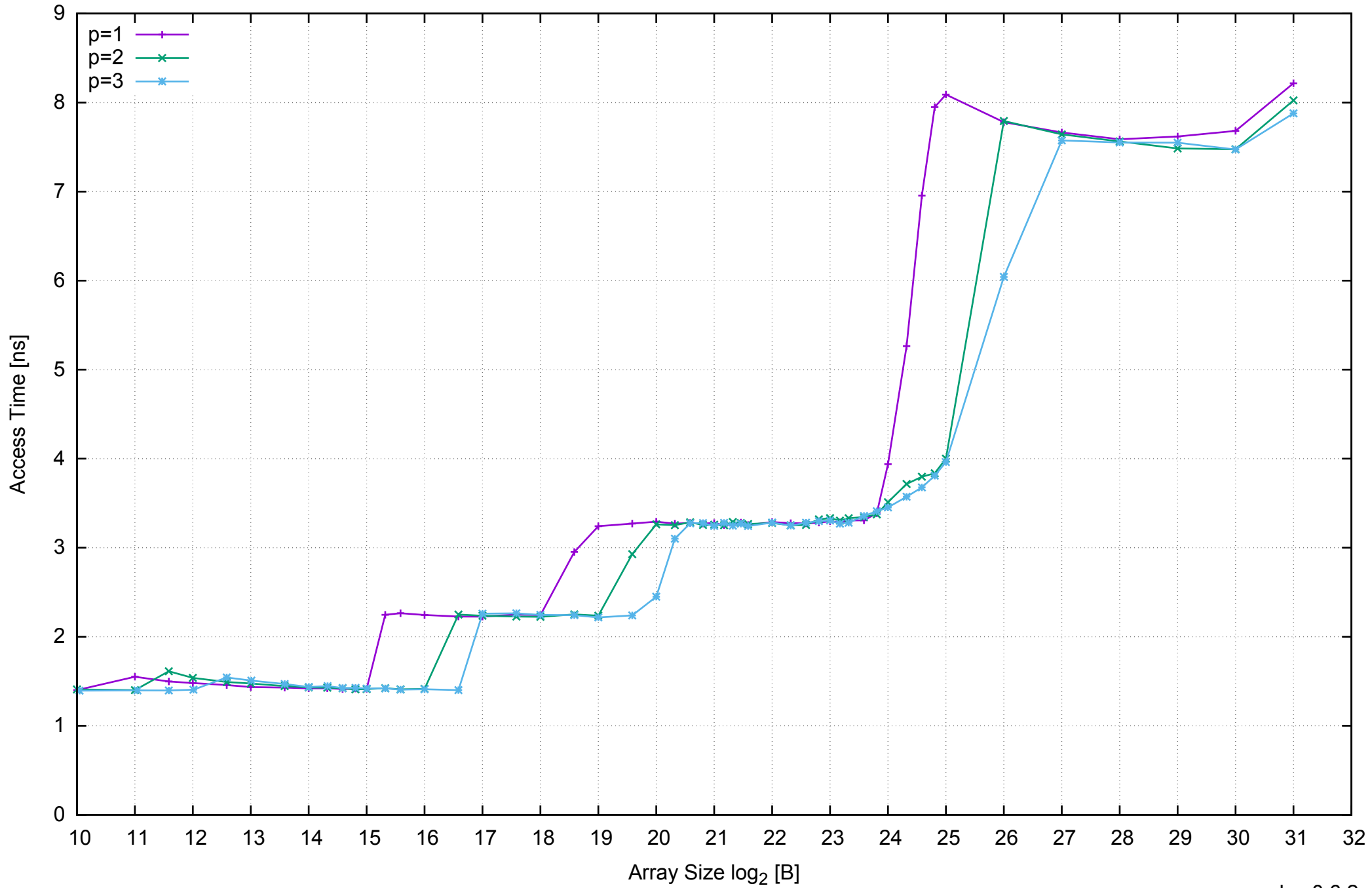
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - One Thread Memory Bandwidth (only 64-bit Reads)

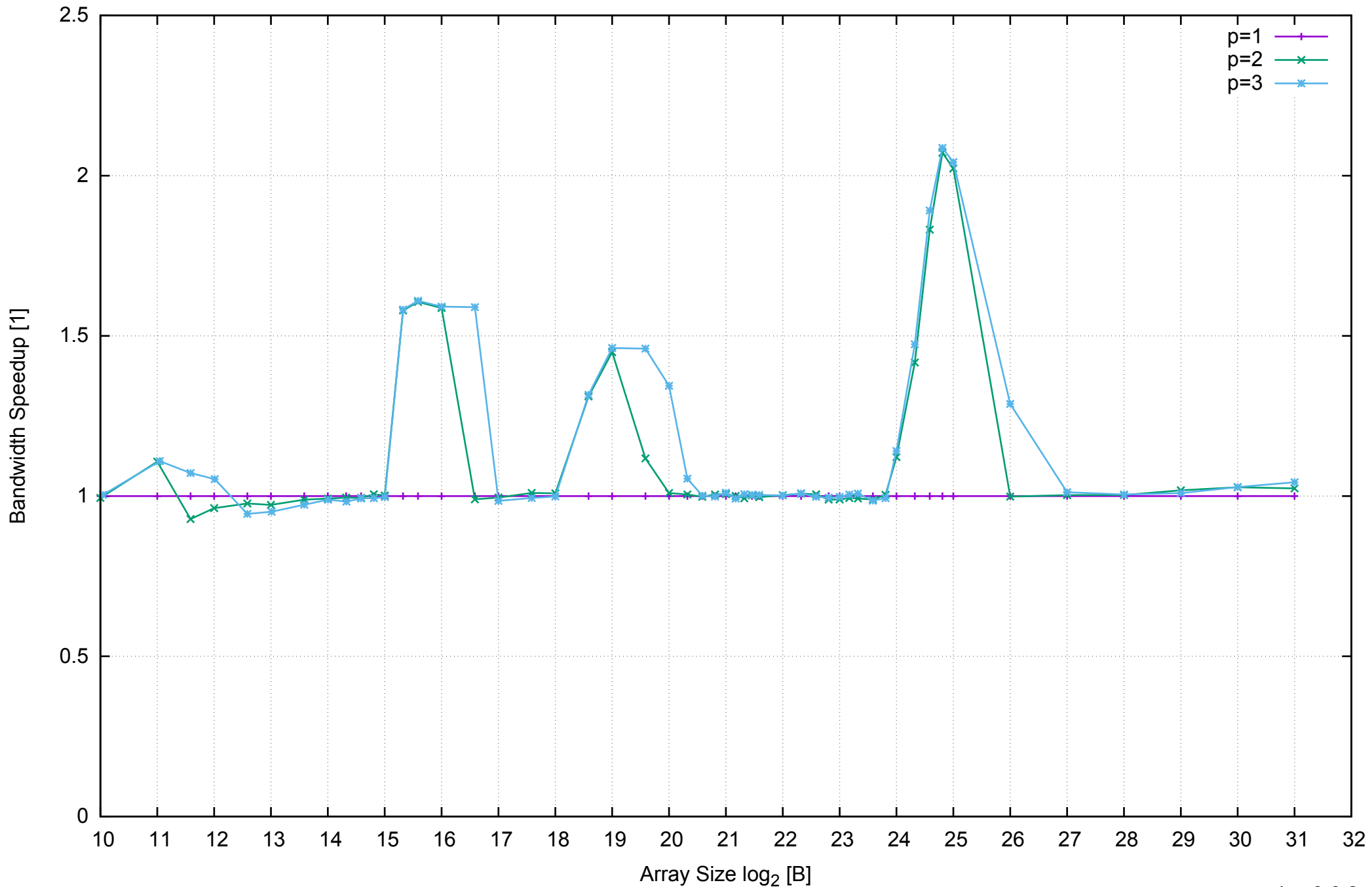


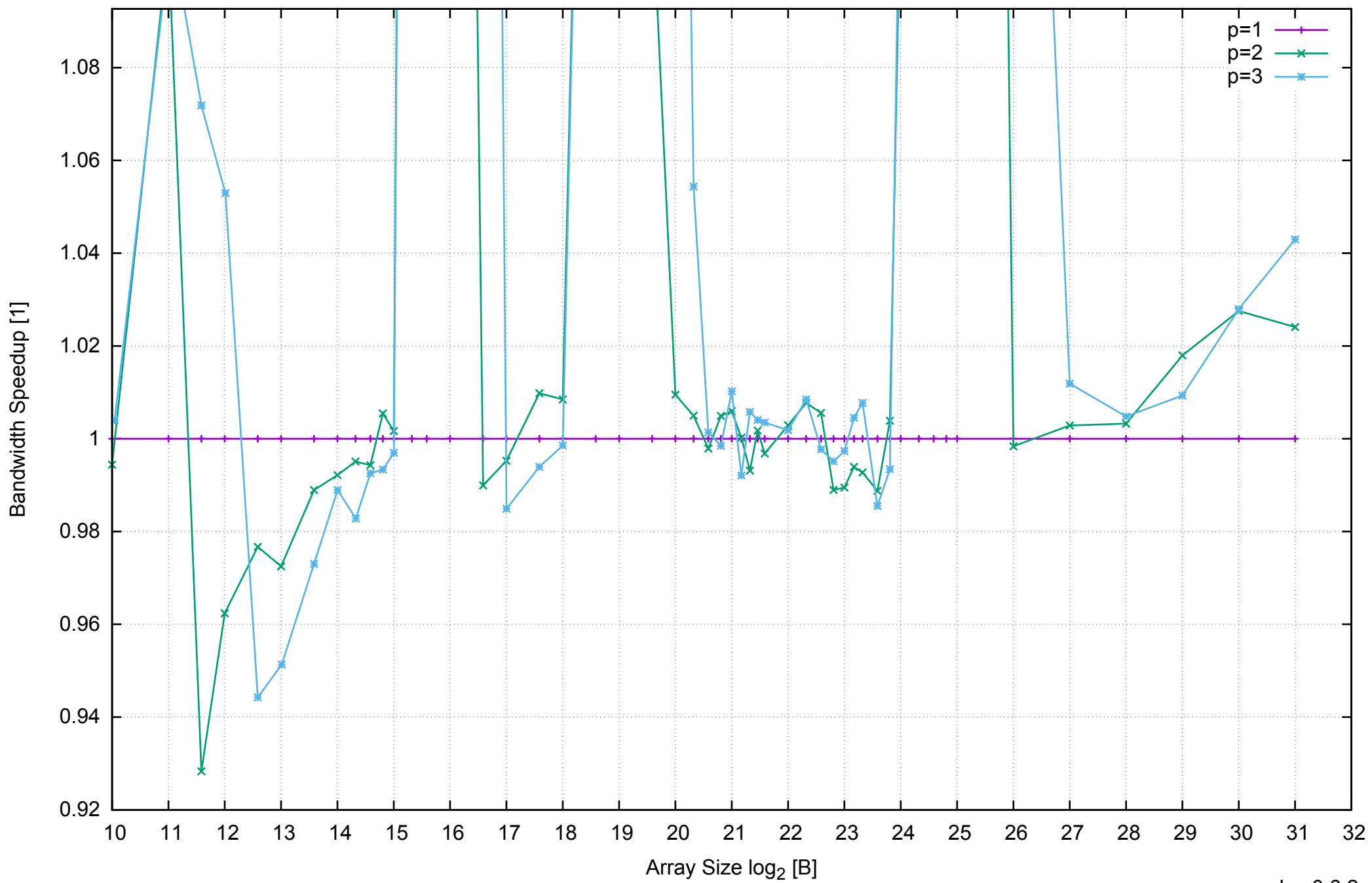
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite256PtrSimpleLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite256PtrSimpleLoop

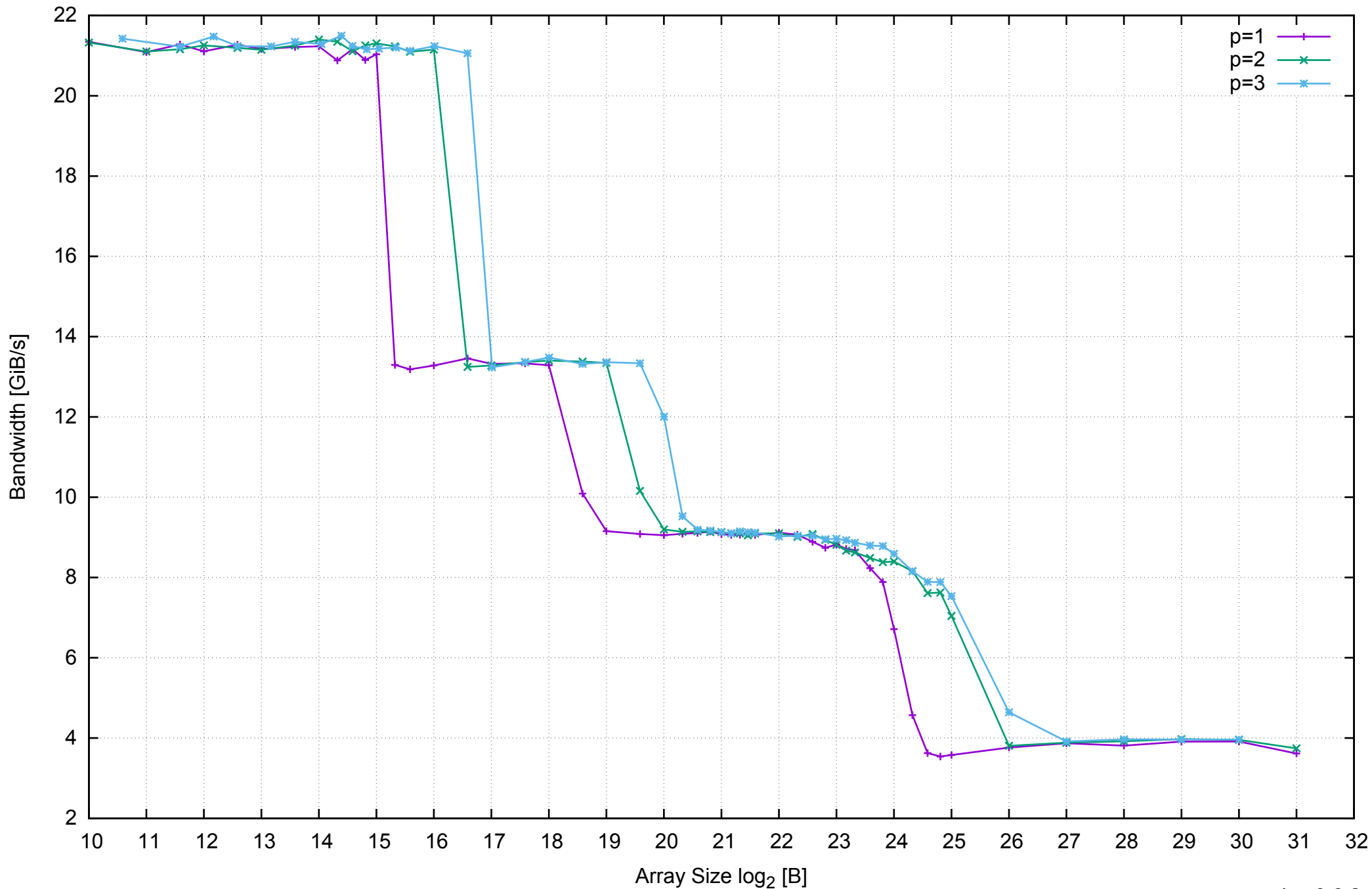




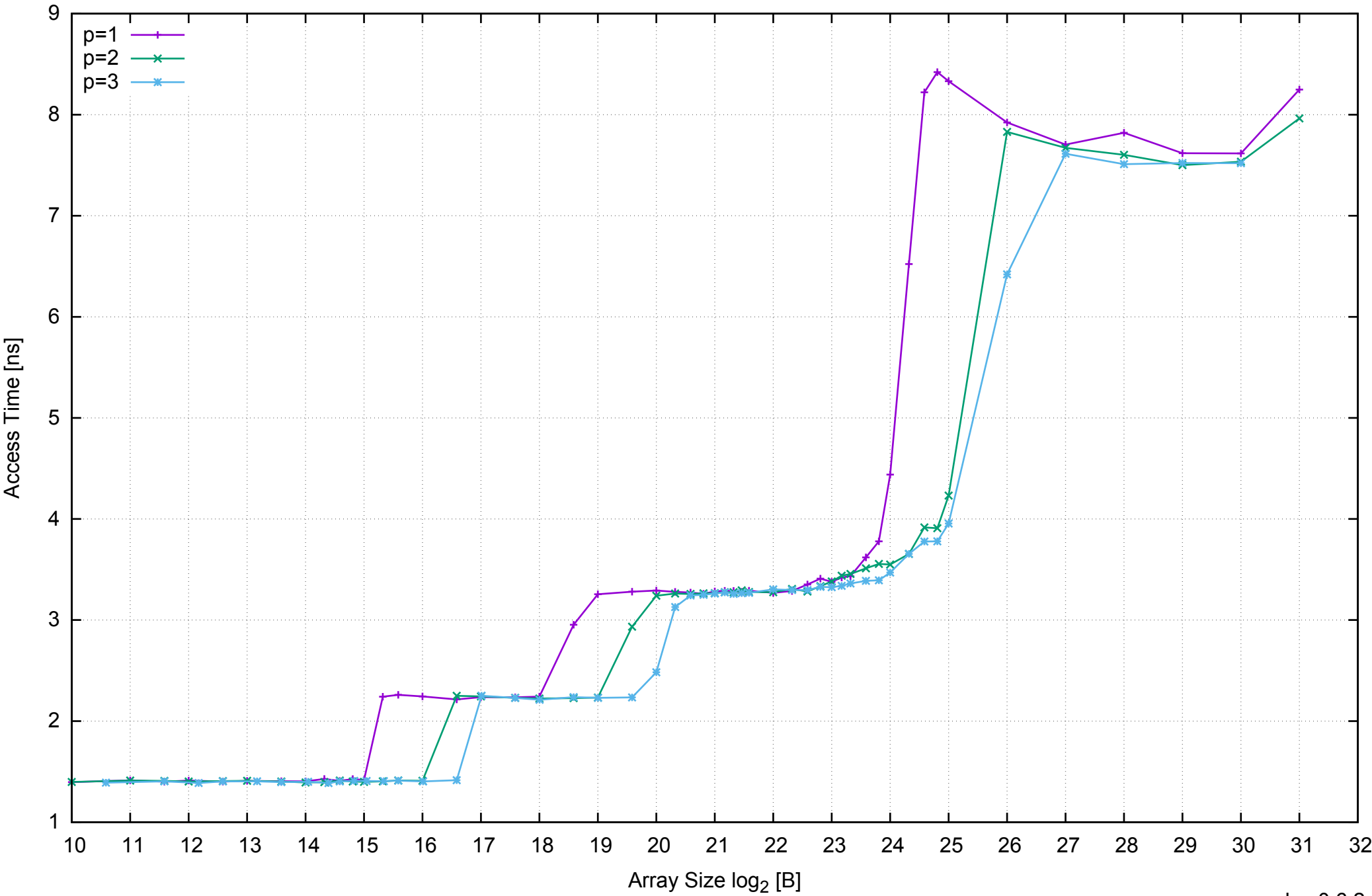


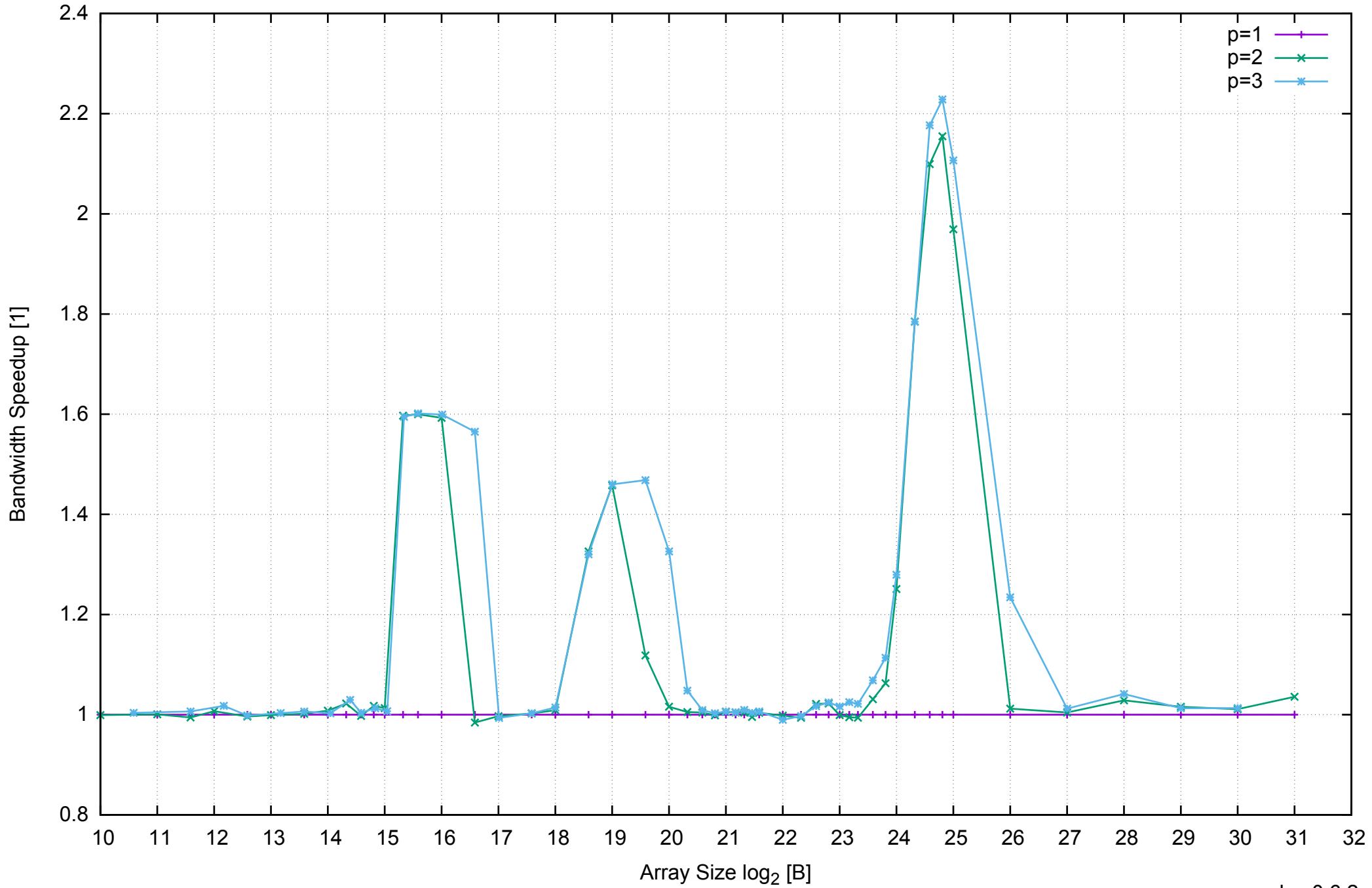


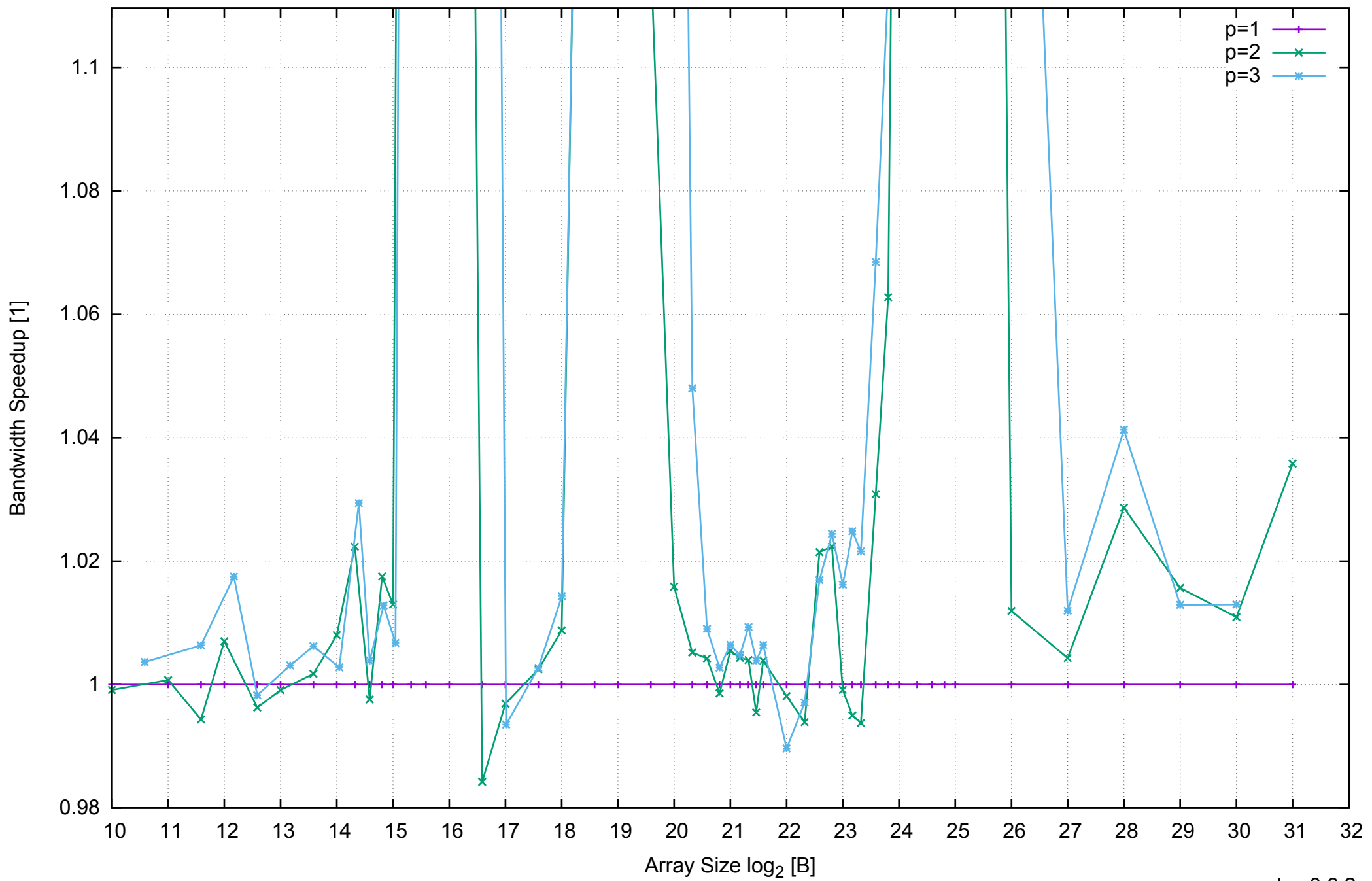
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite256PtrUnrollLoop



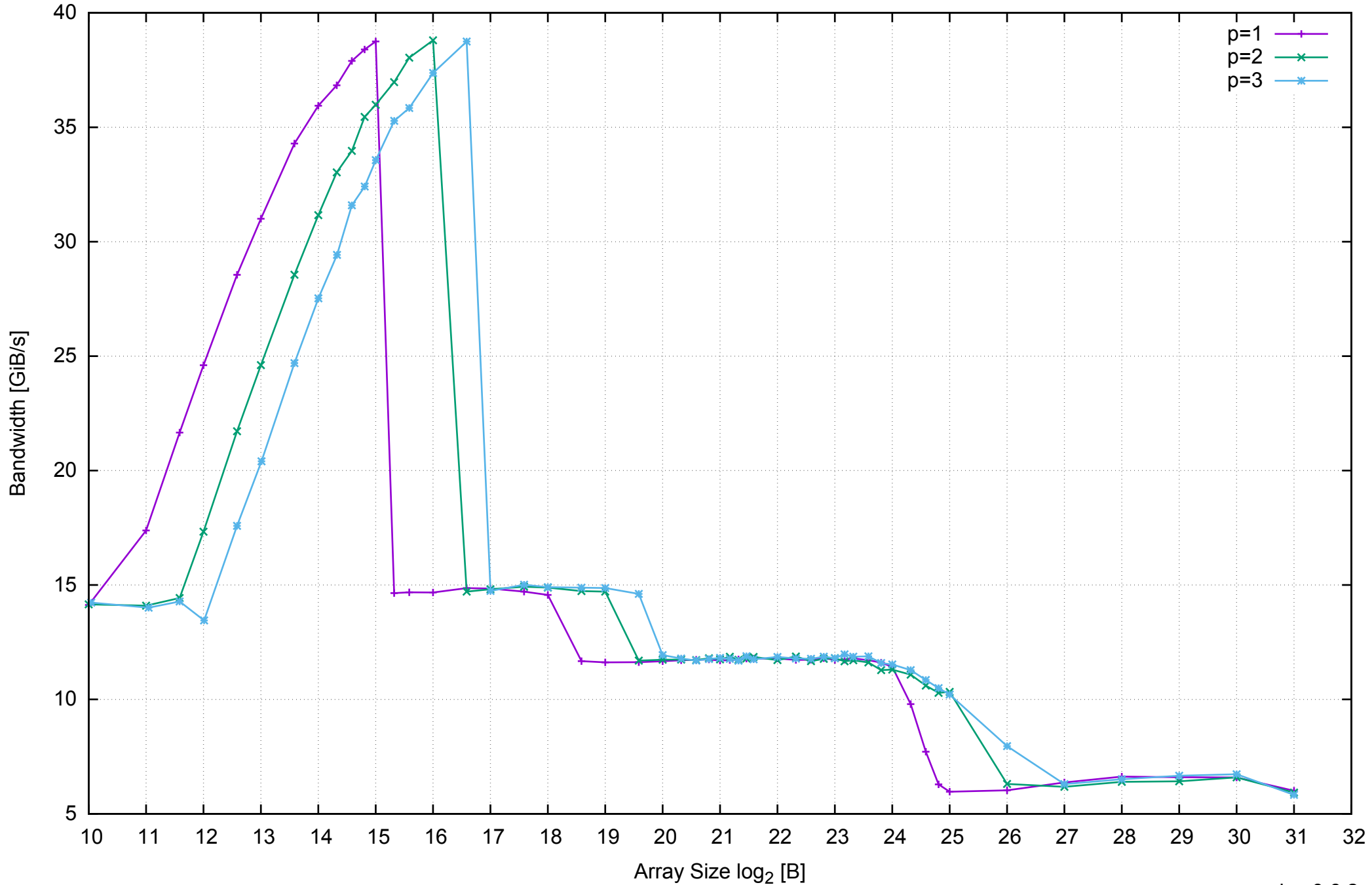
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite256PtrUnrollLoop



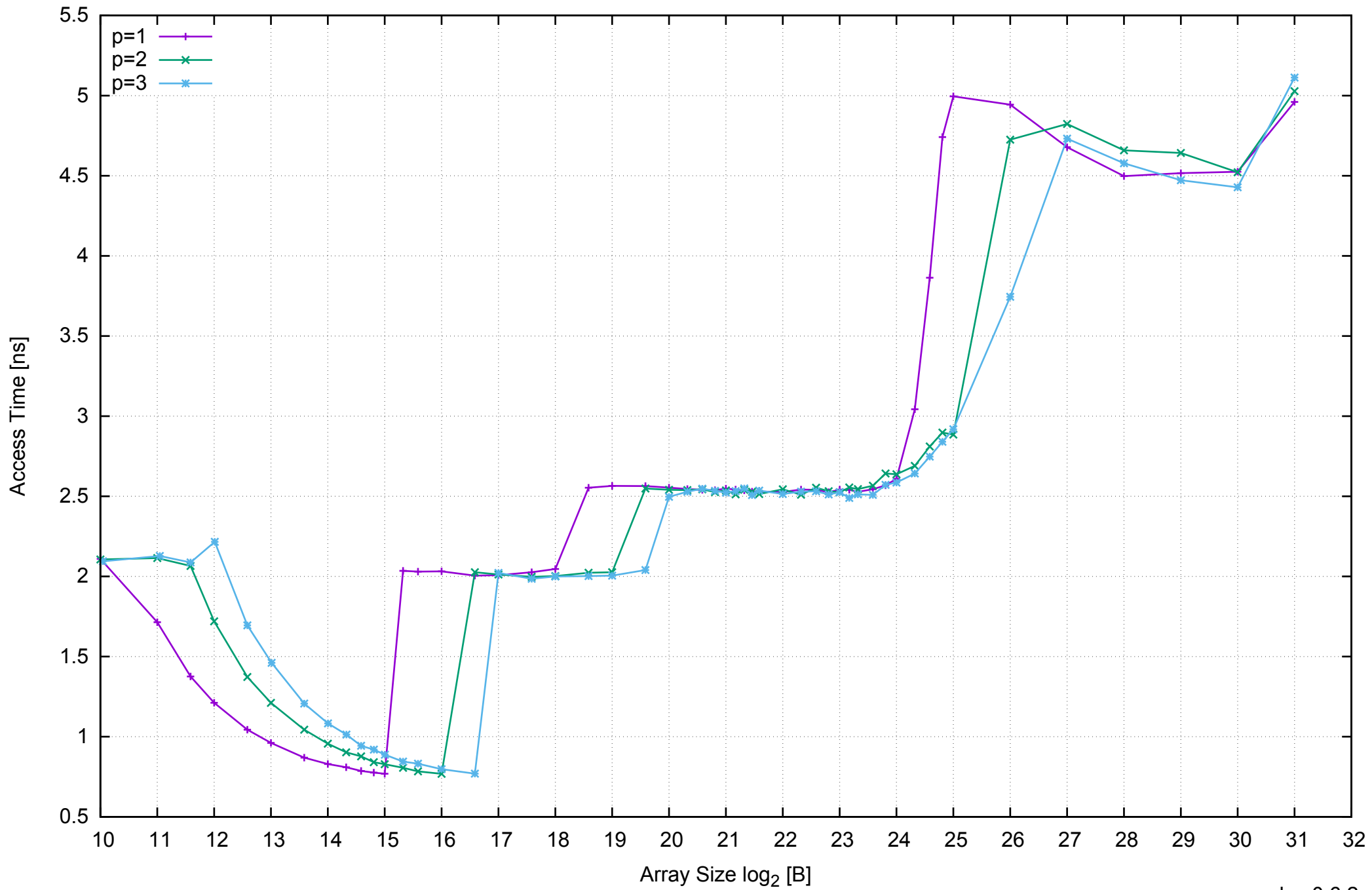


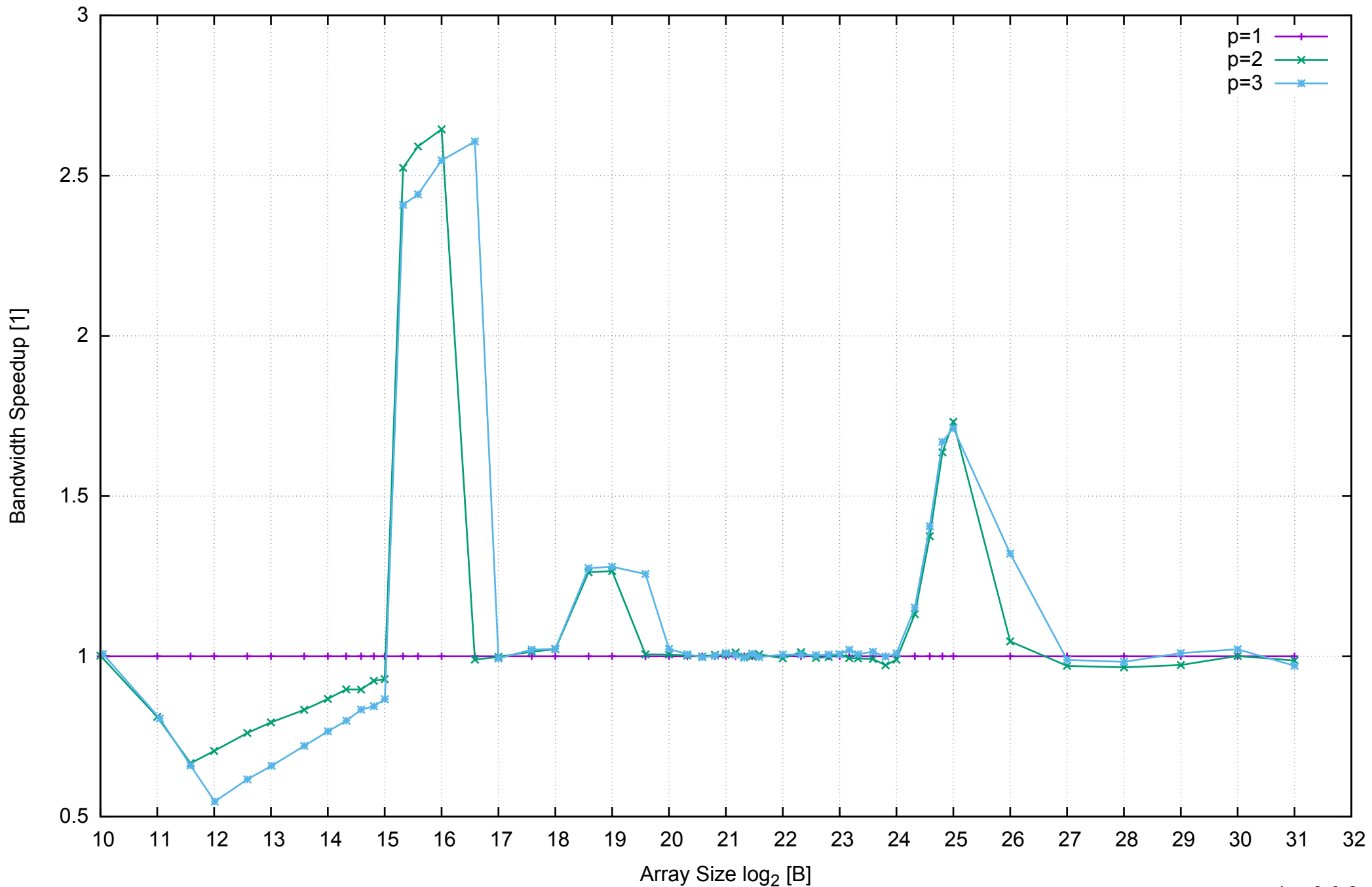


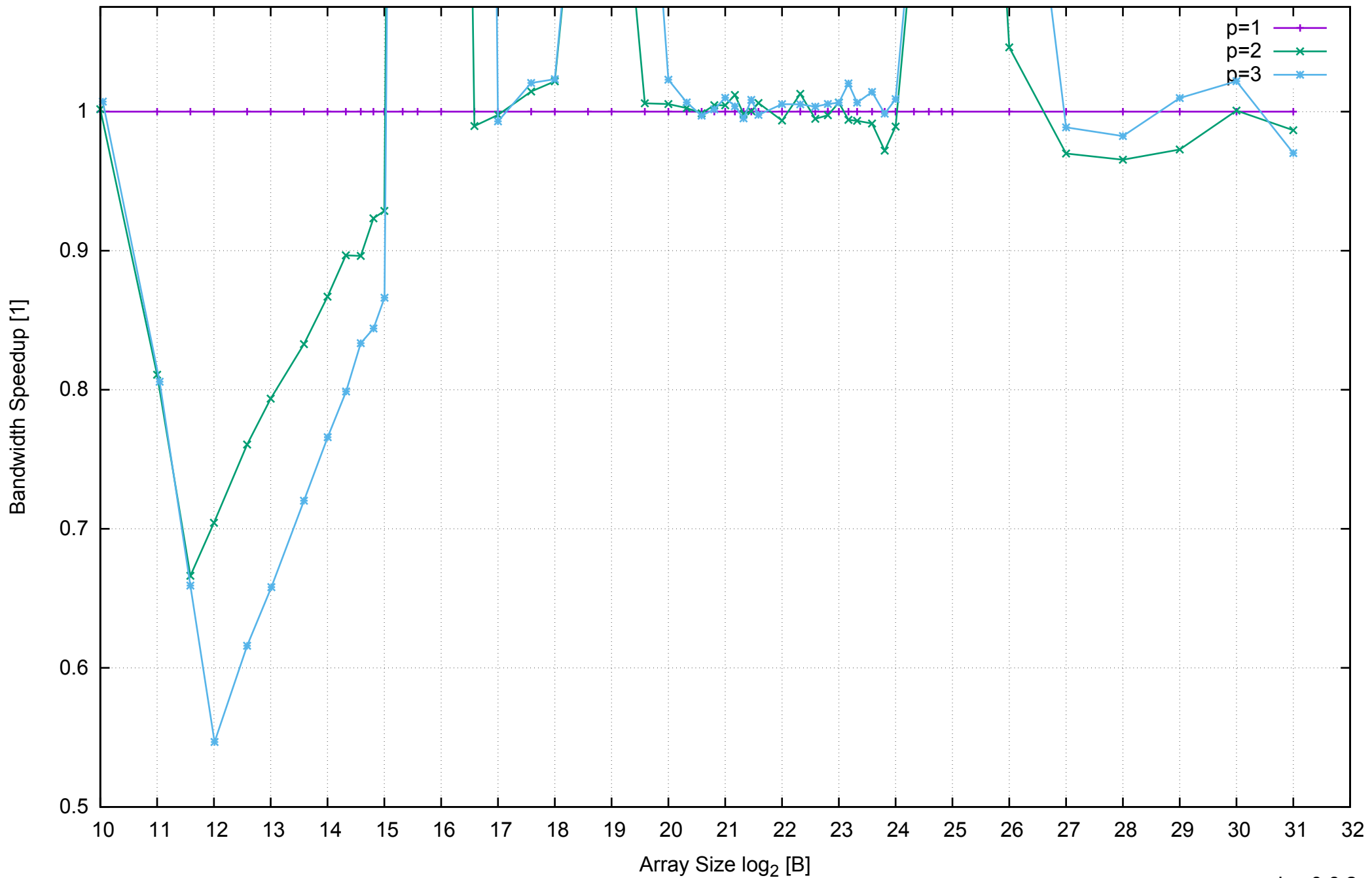
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead256PtrSimpleLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead256PtrSimpleLoop

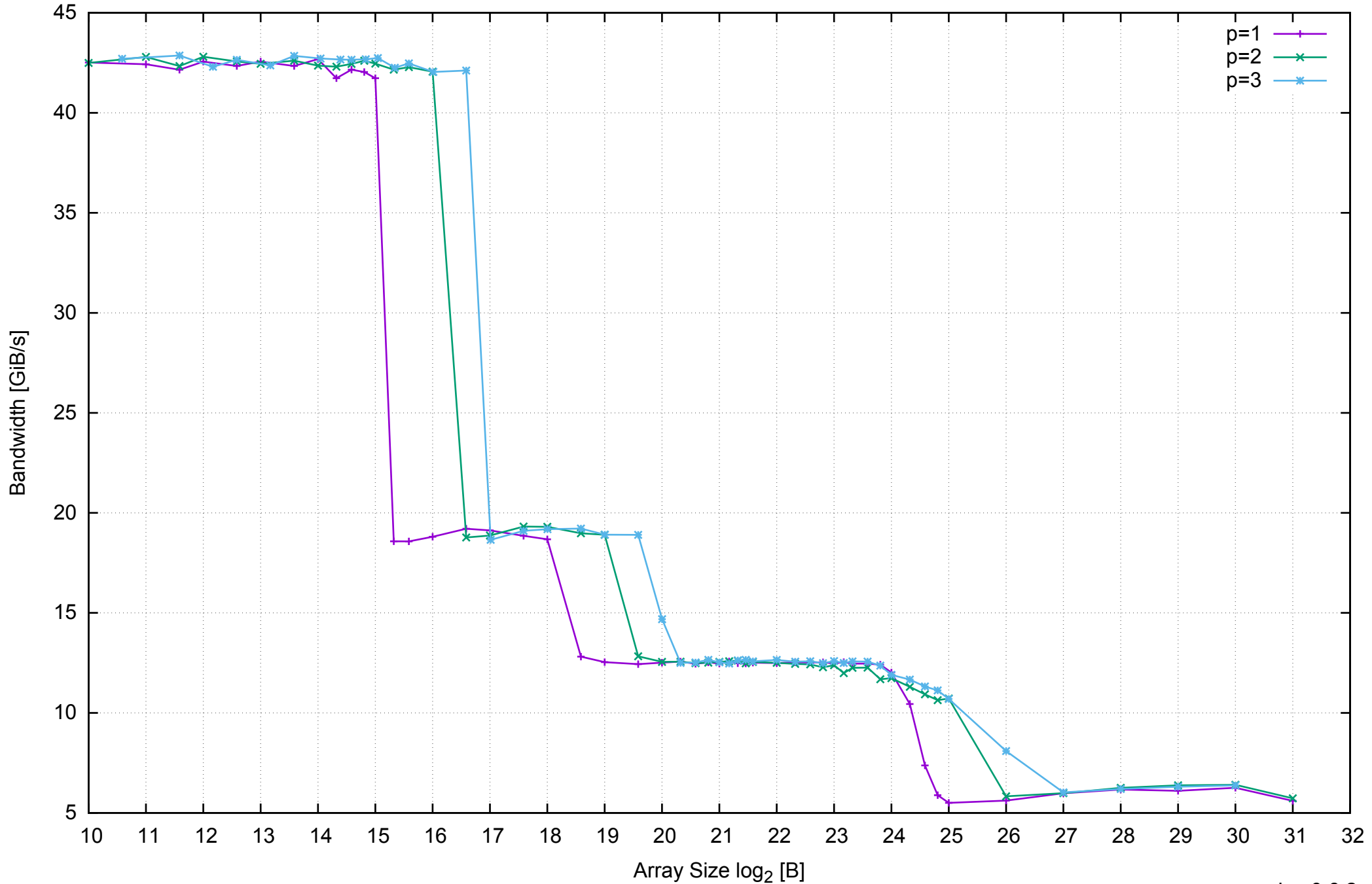




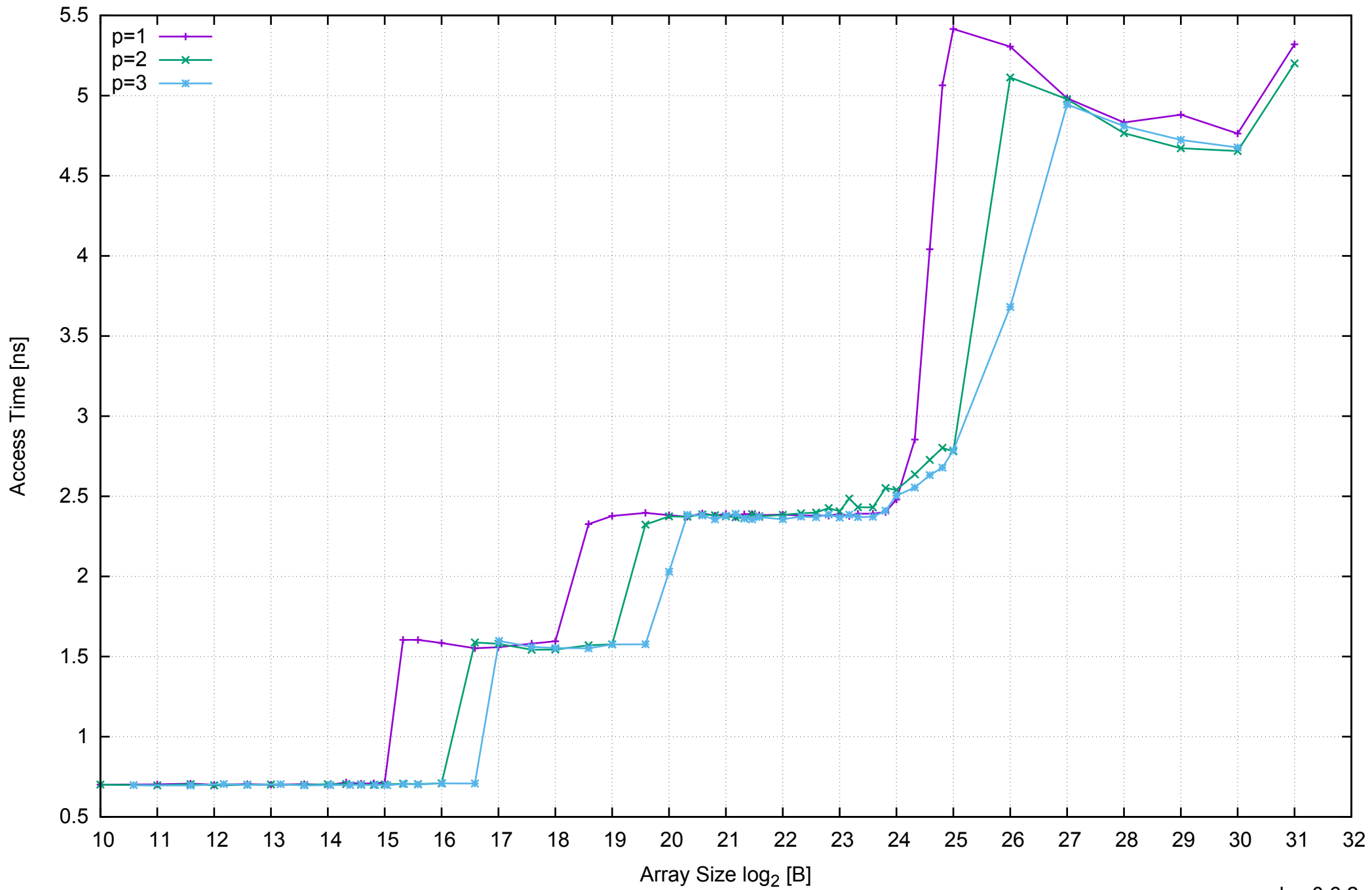


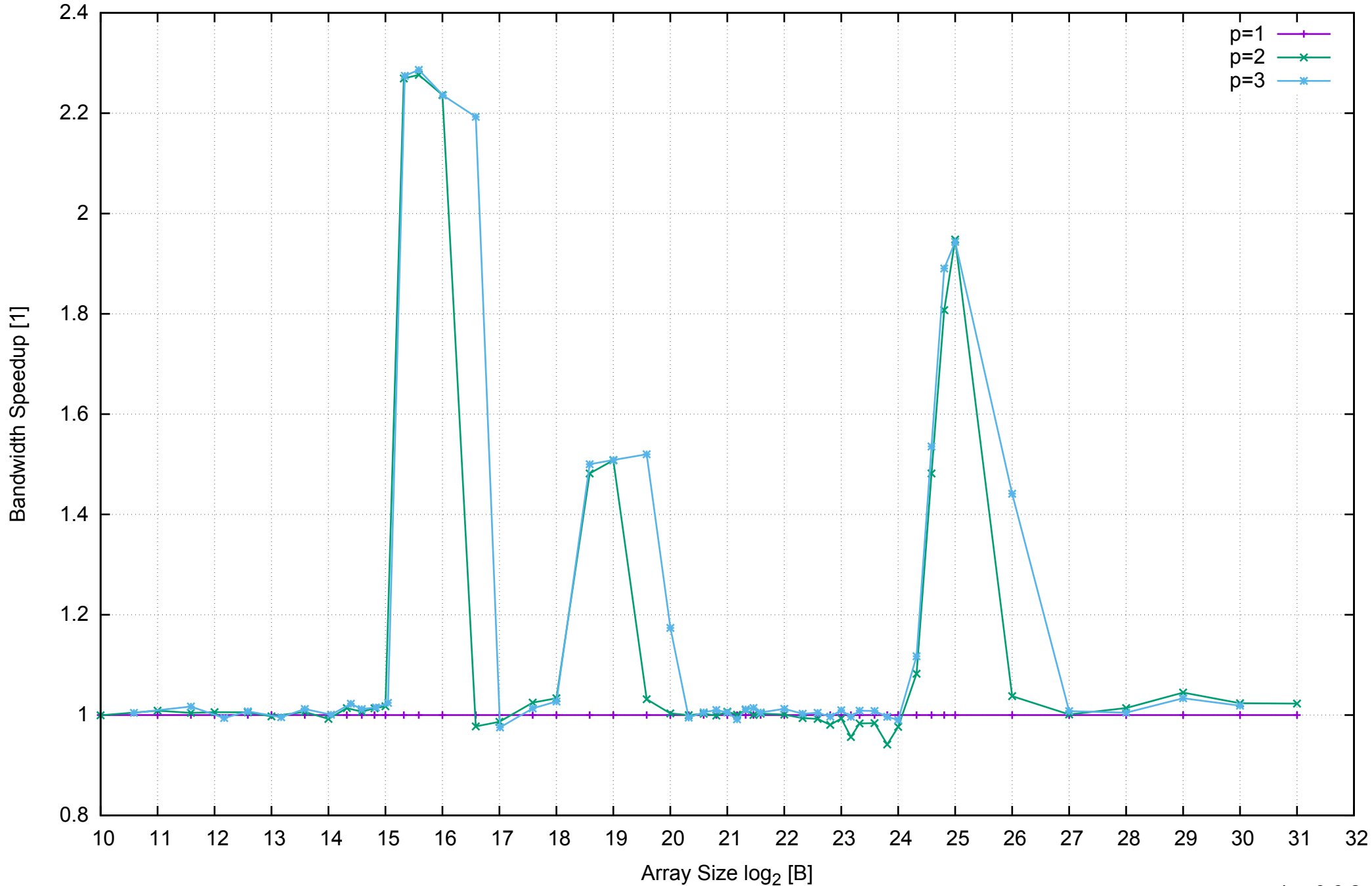


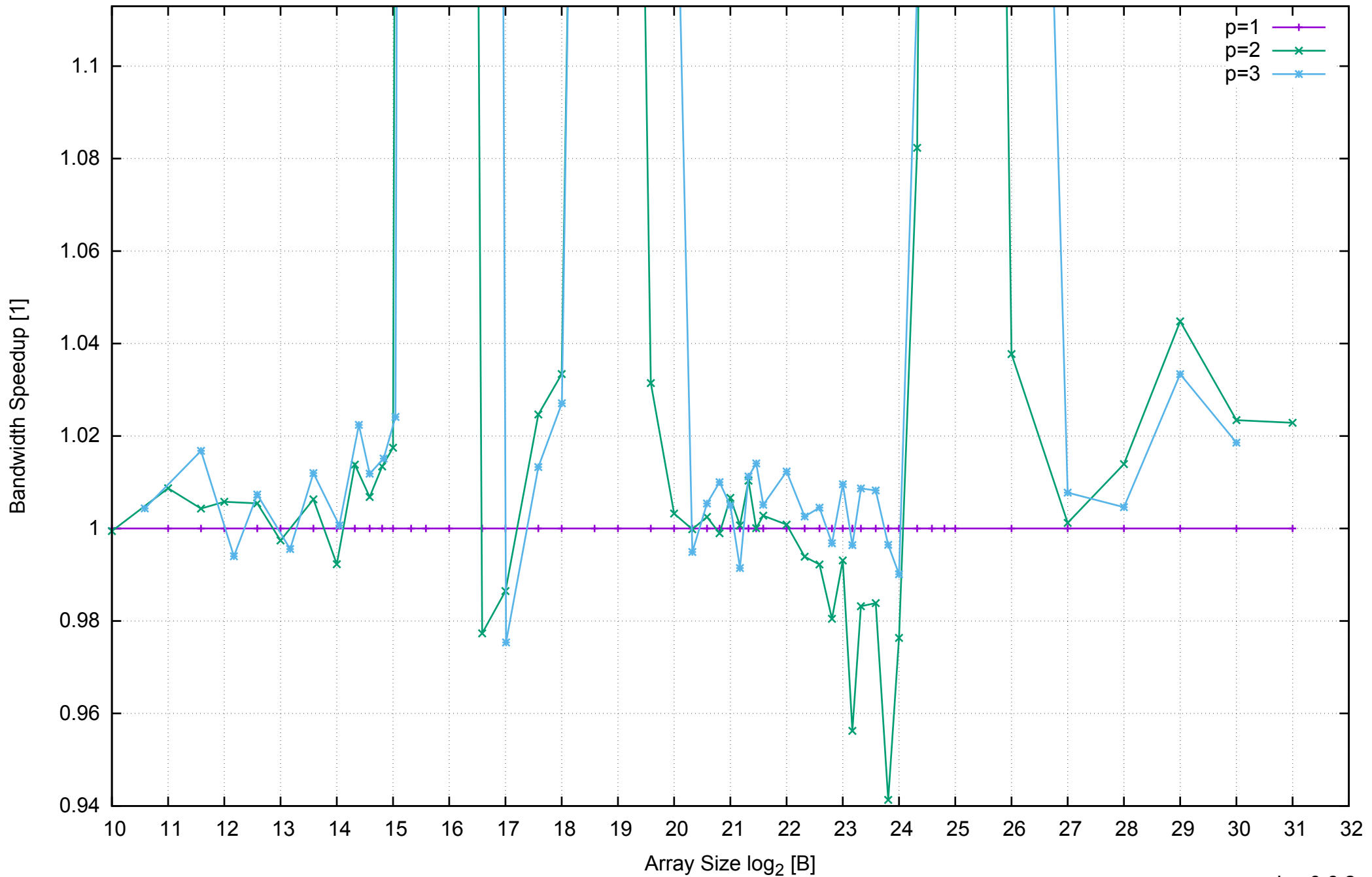
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead256PtrUnrollLoop



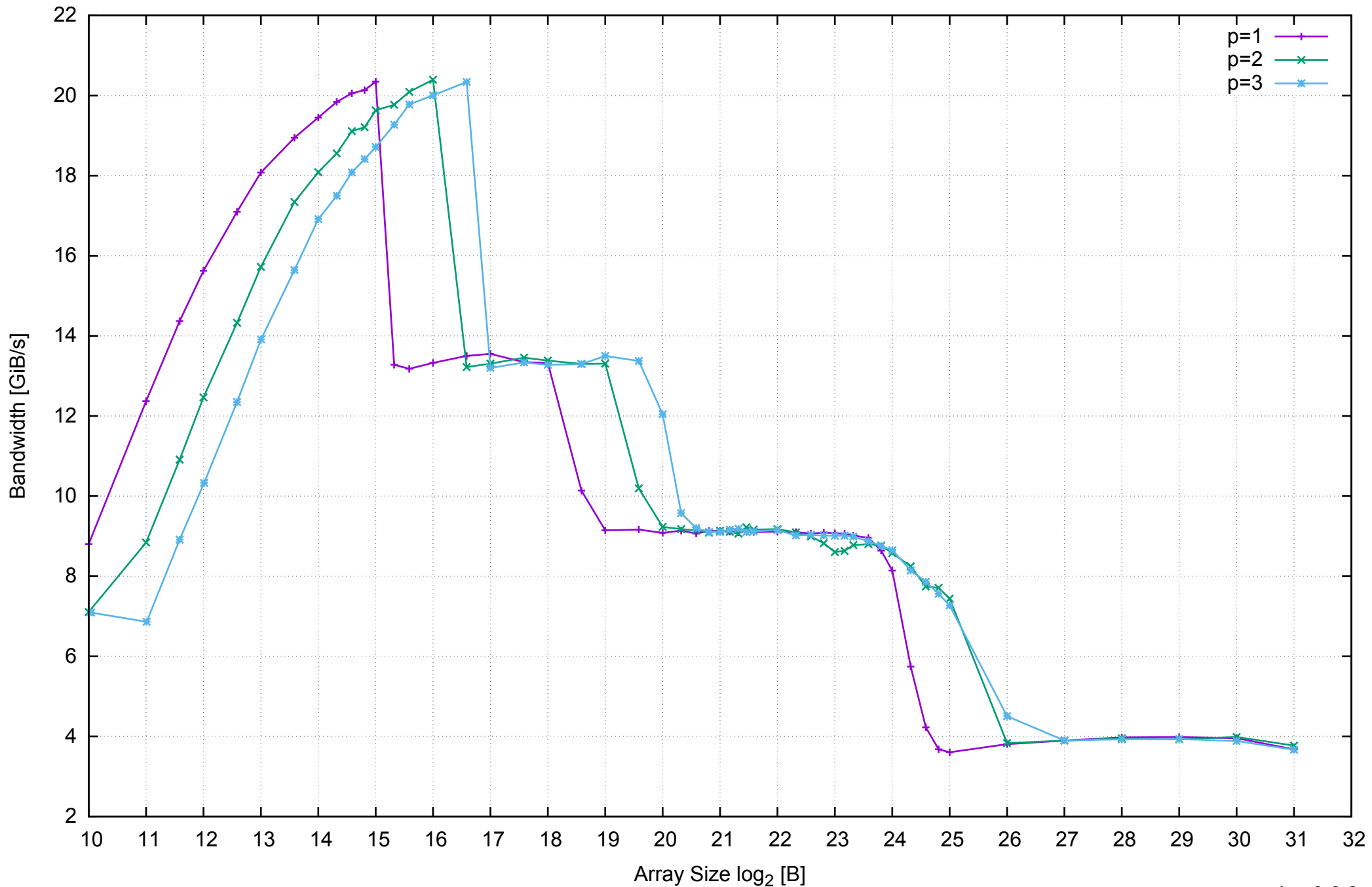
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead256PtrUnrollLoop



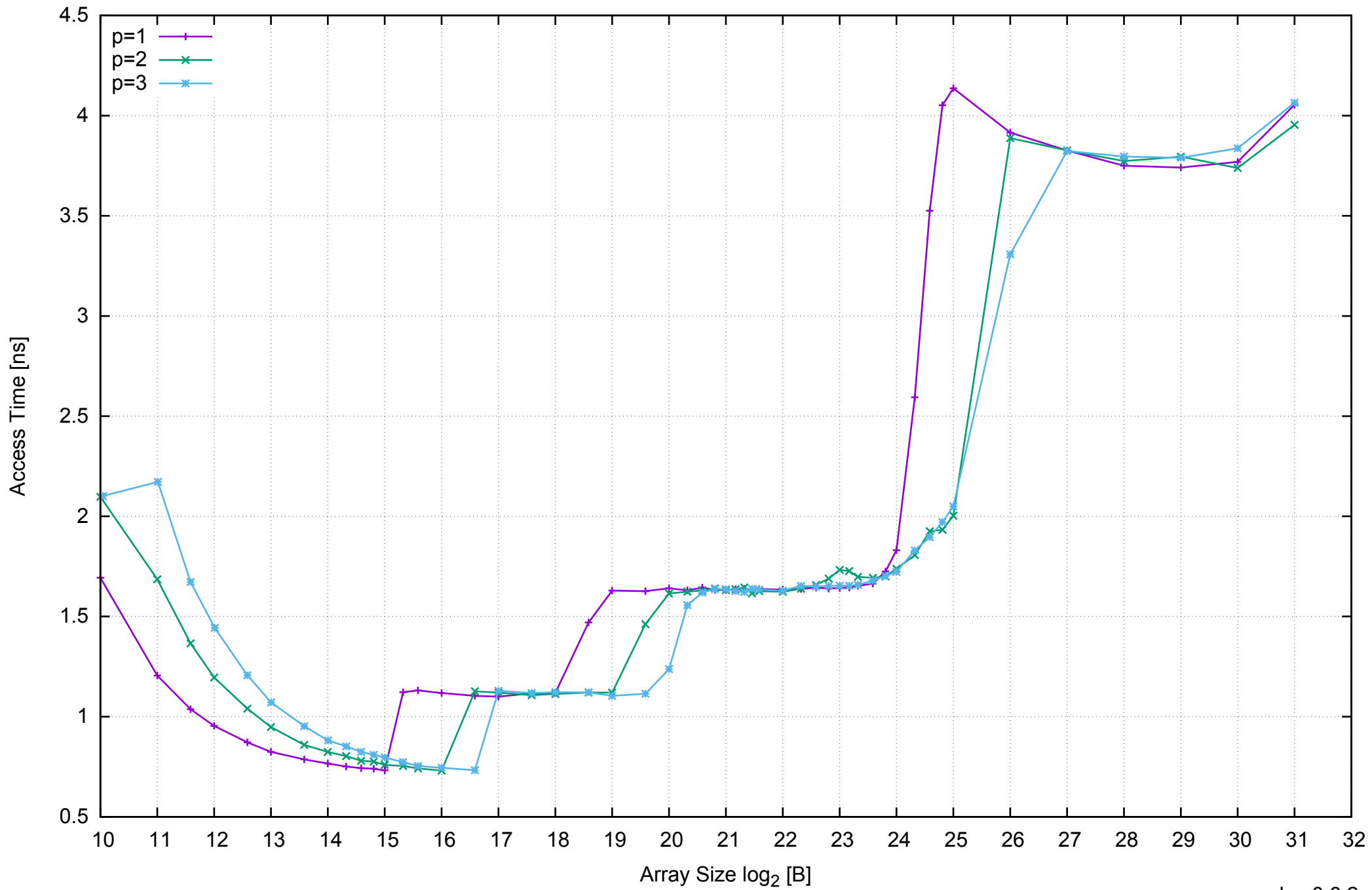


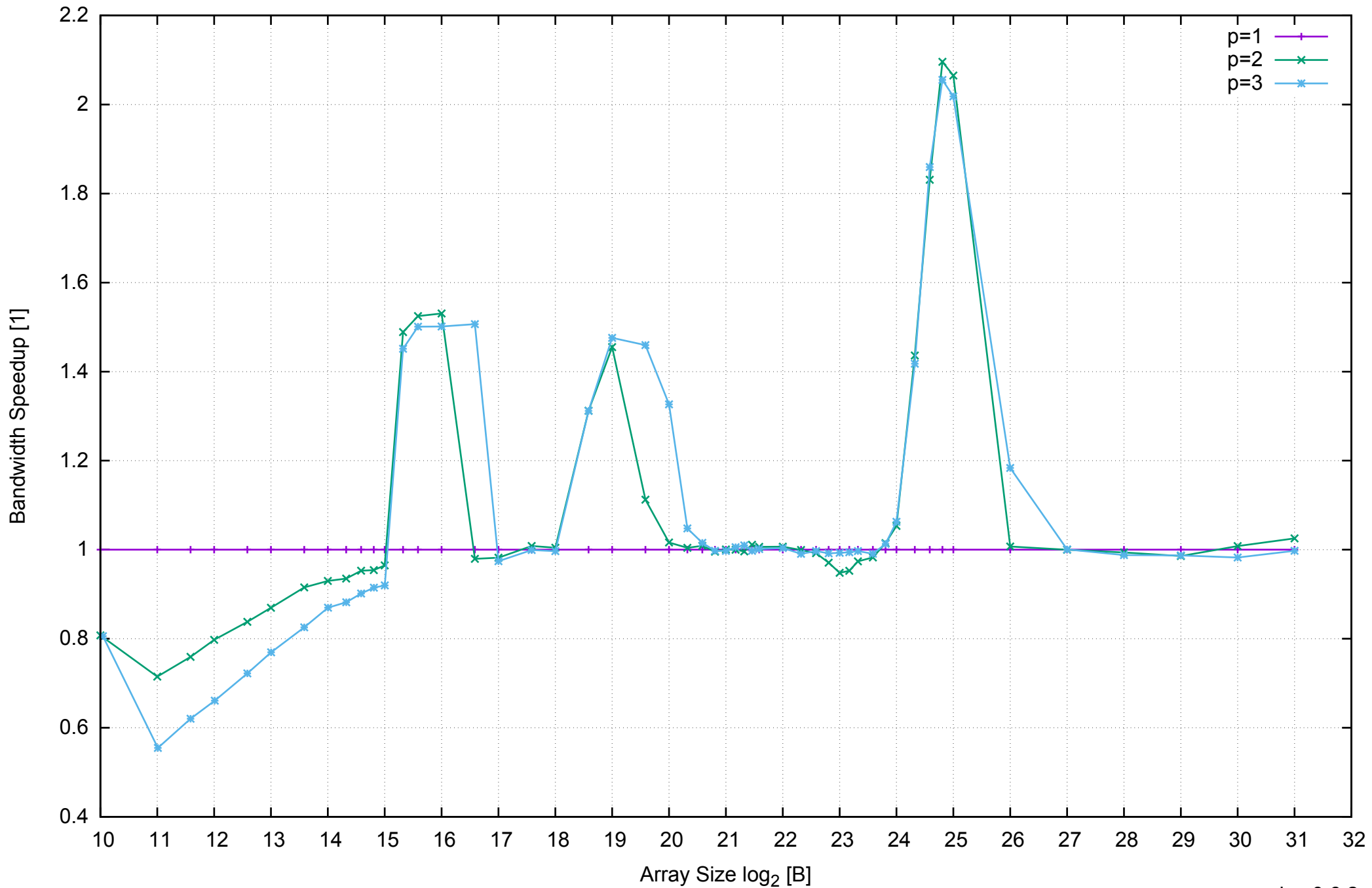


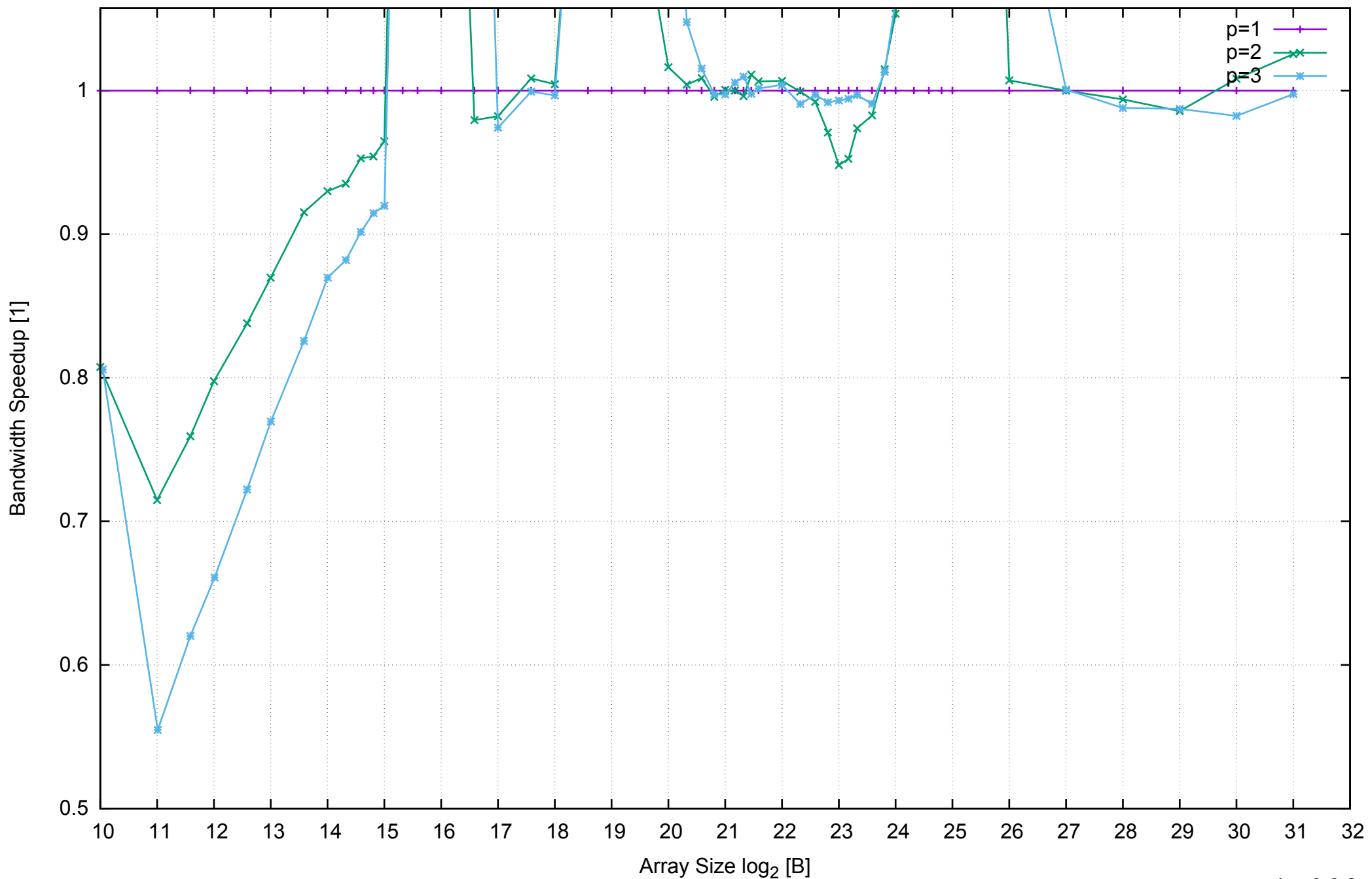
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite128PtrSimpleLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite128PtrSimpleLoop

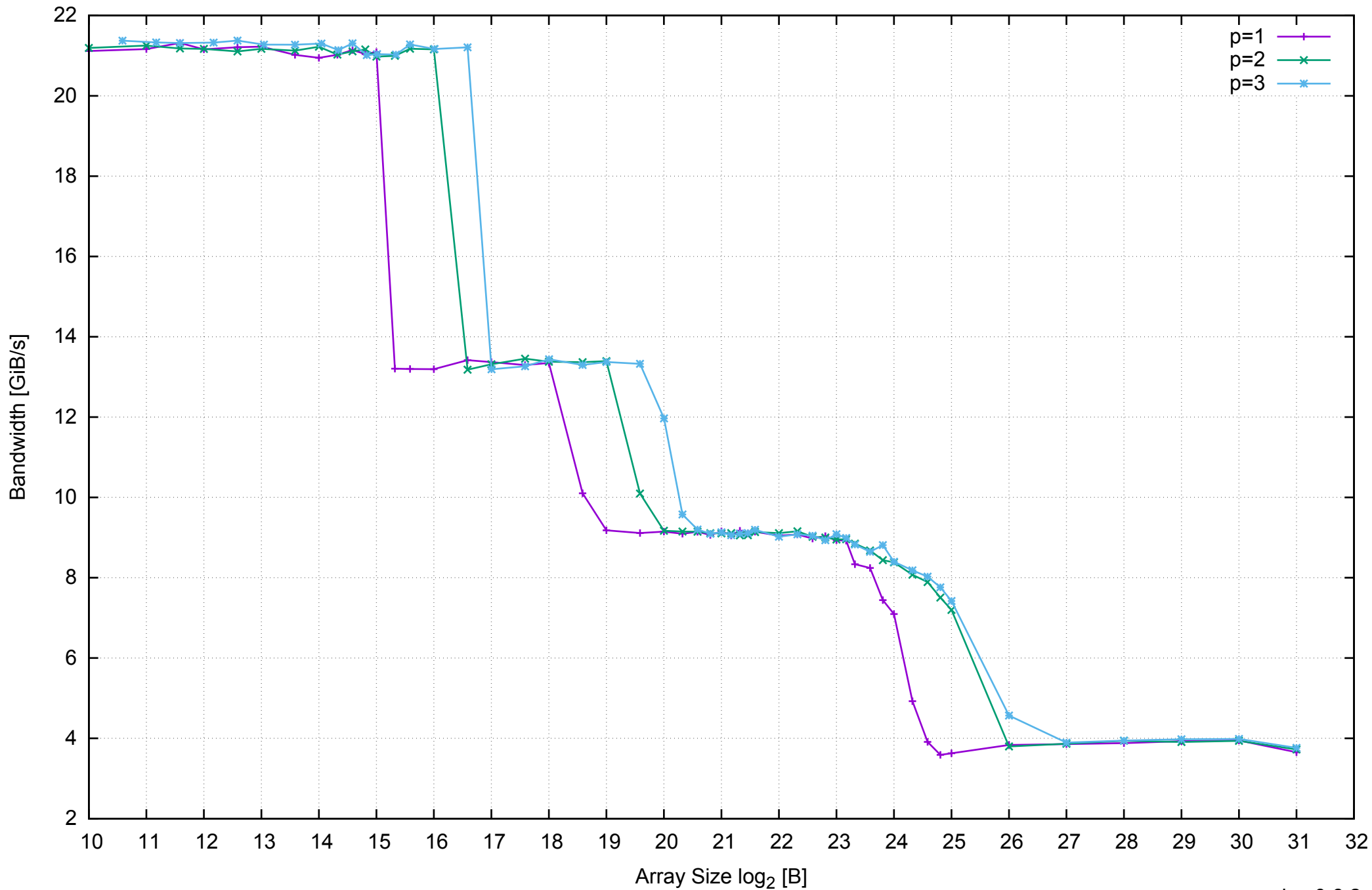




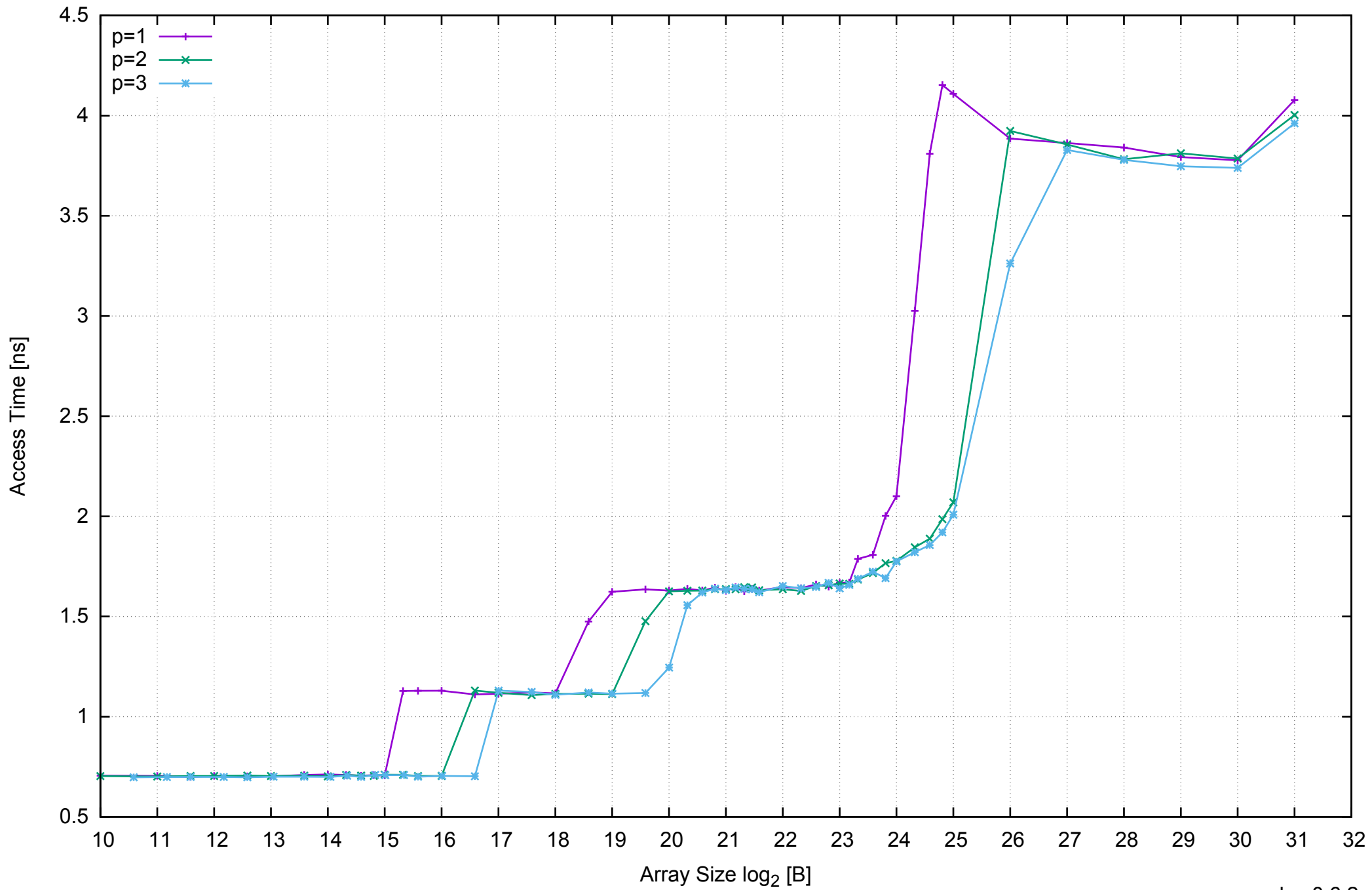


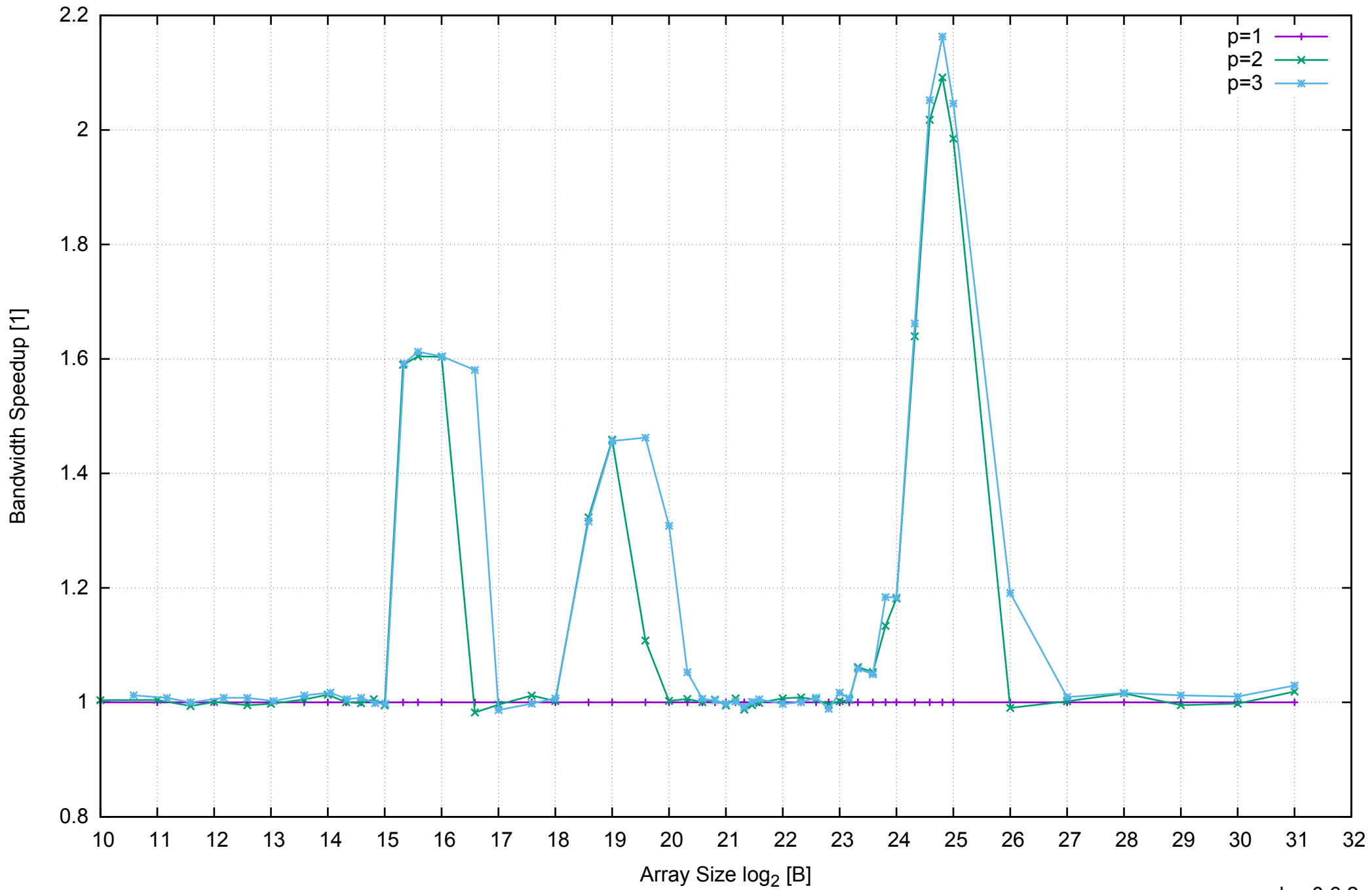


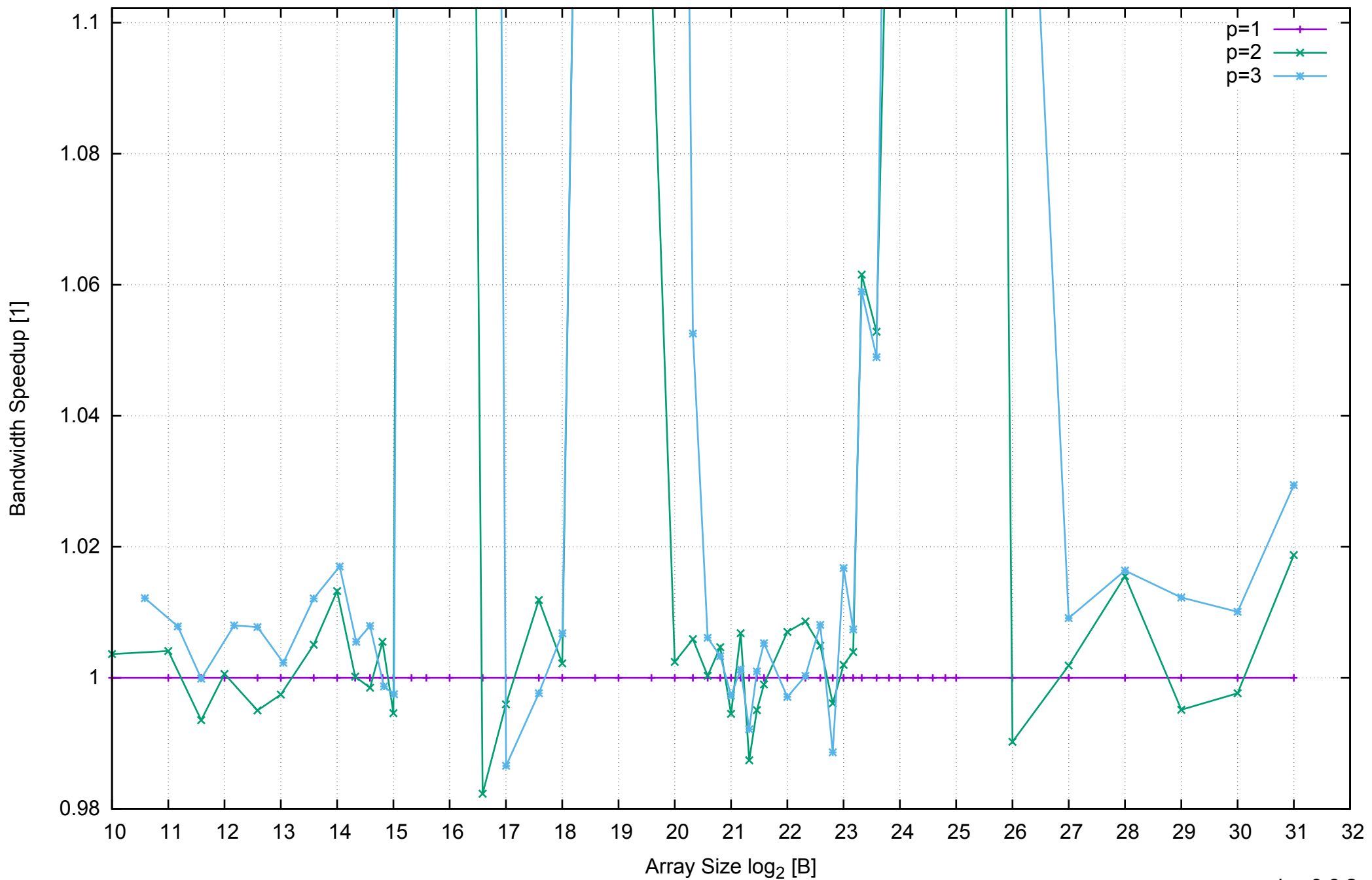
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite128PtrUnrollLoop



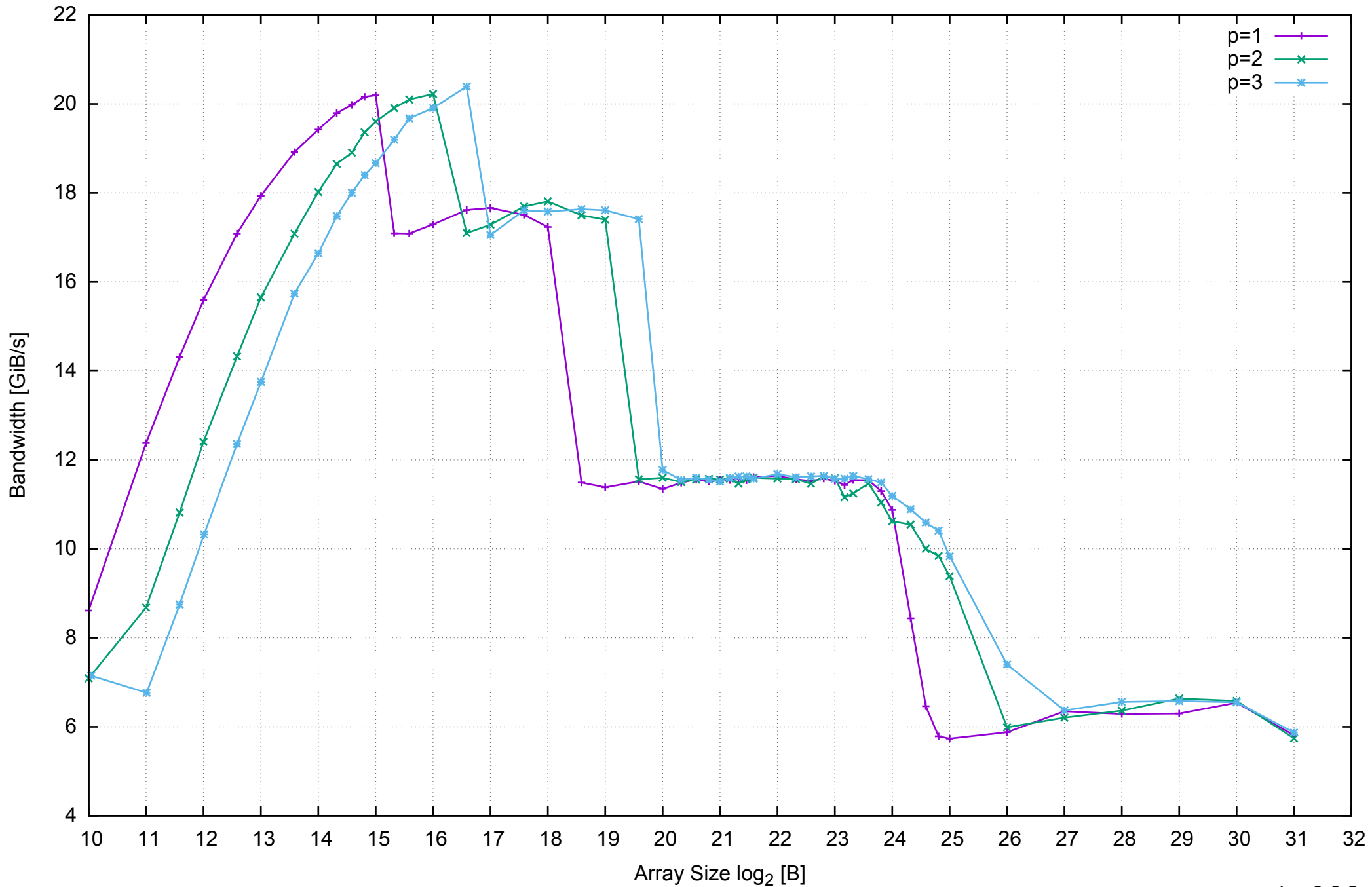
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite128PtrUnrollLoop



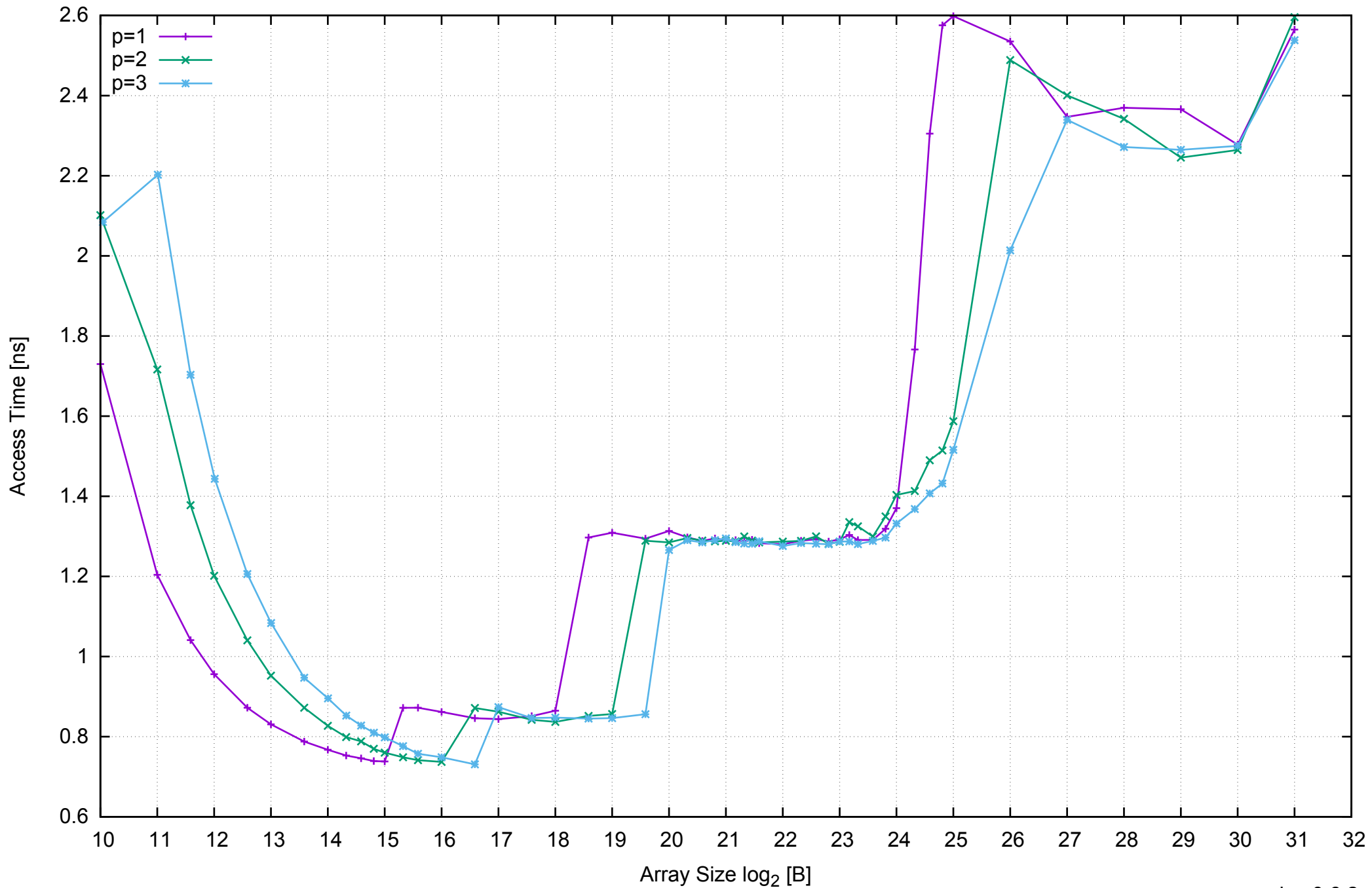


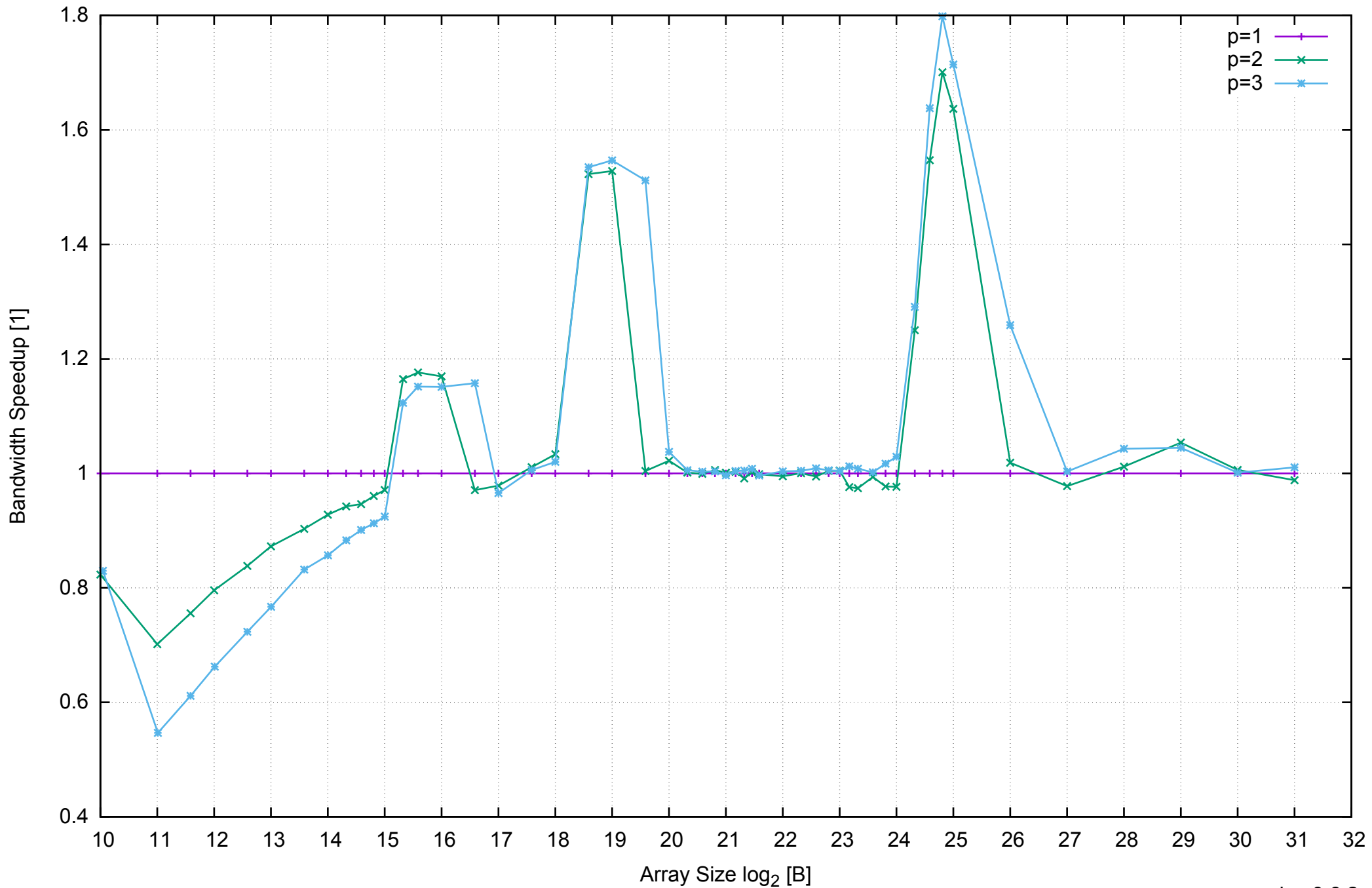


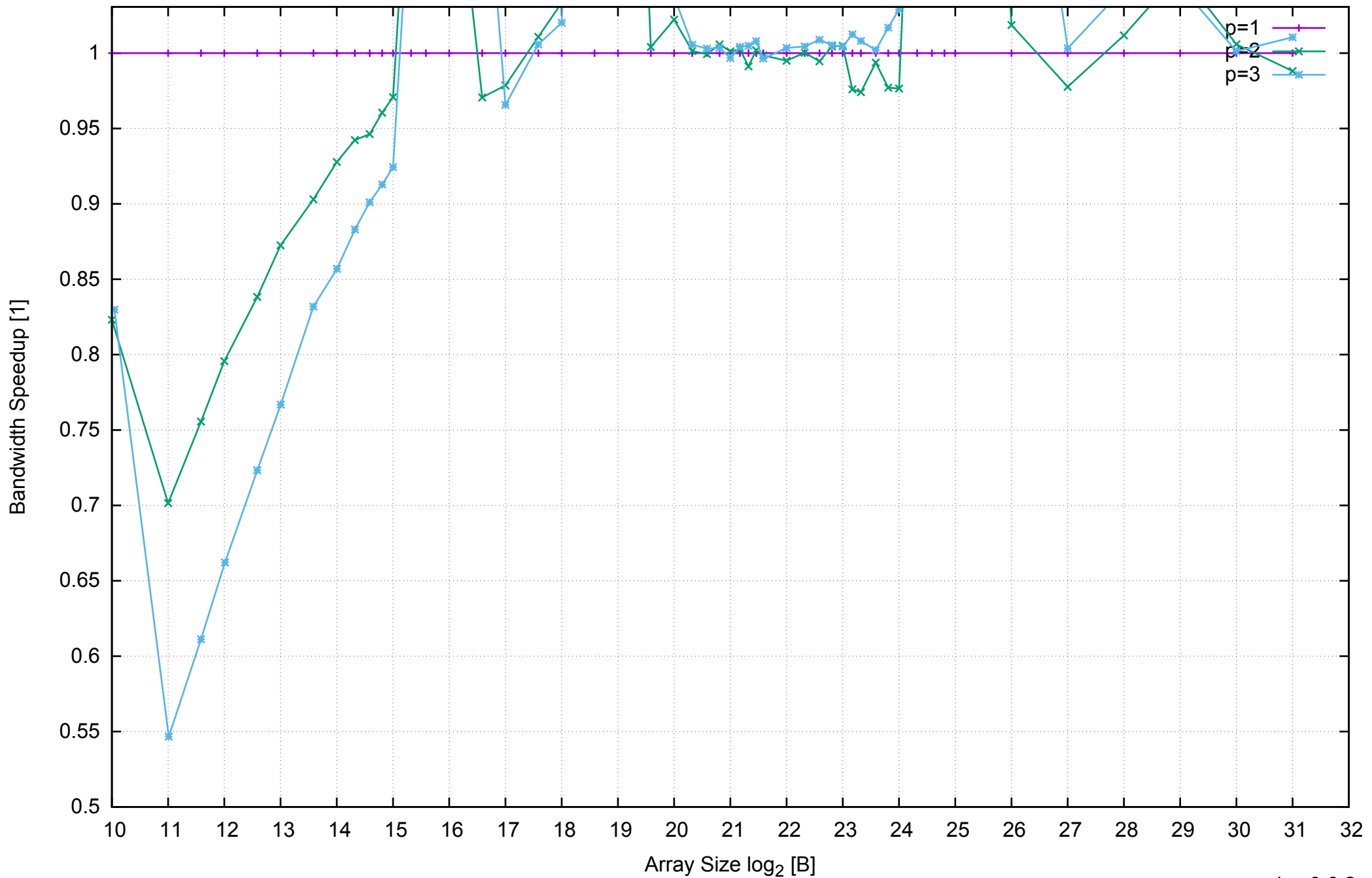
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead128PtrSimpleLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead128PtrSimpleLoop

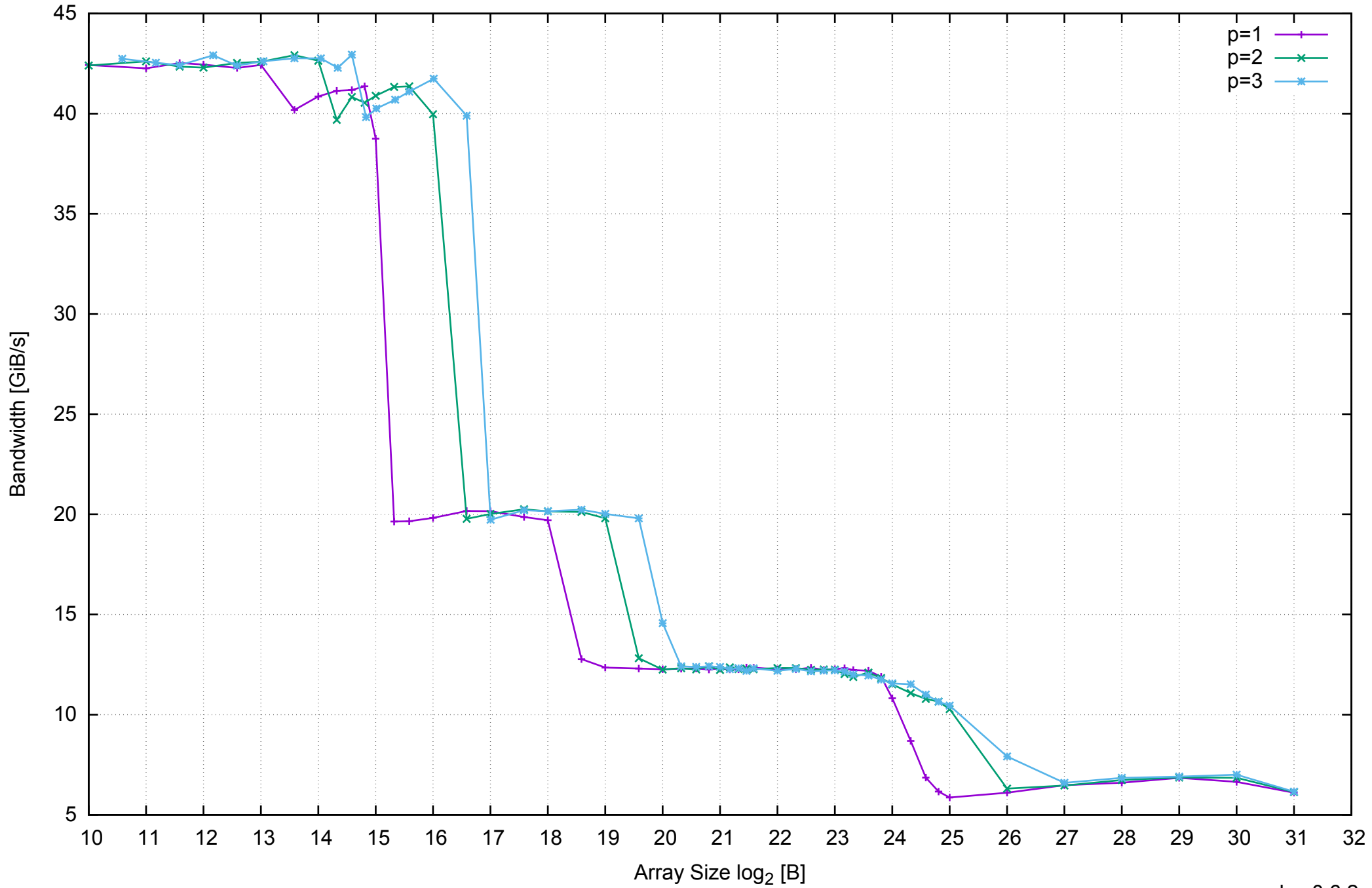




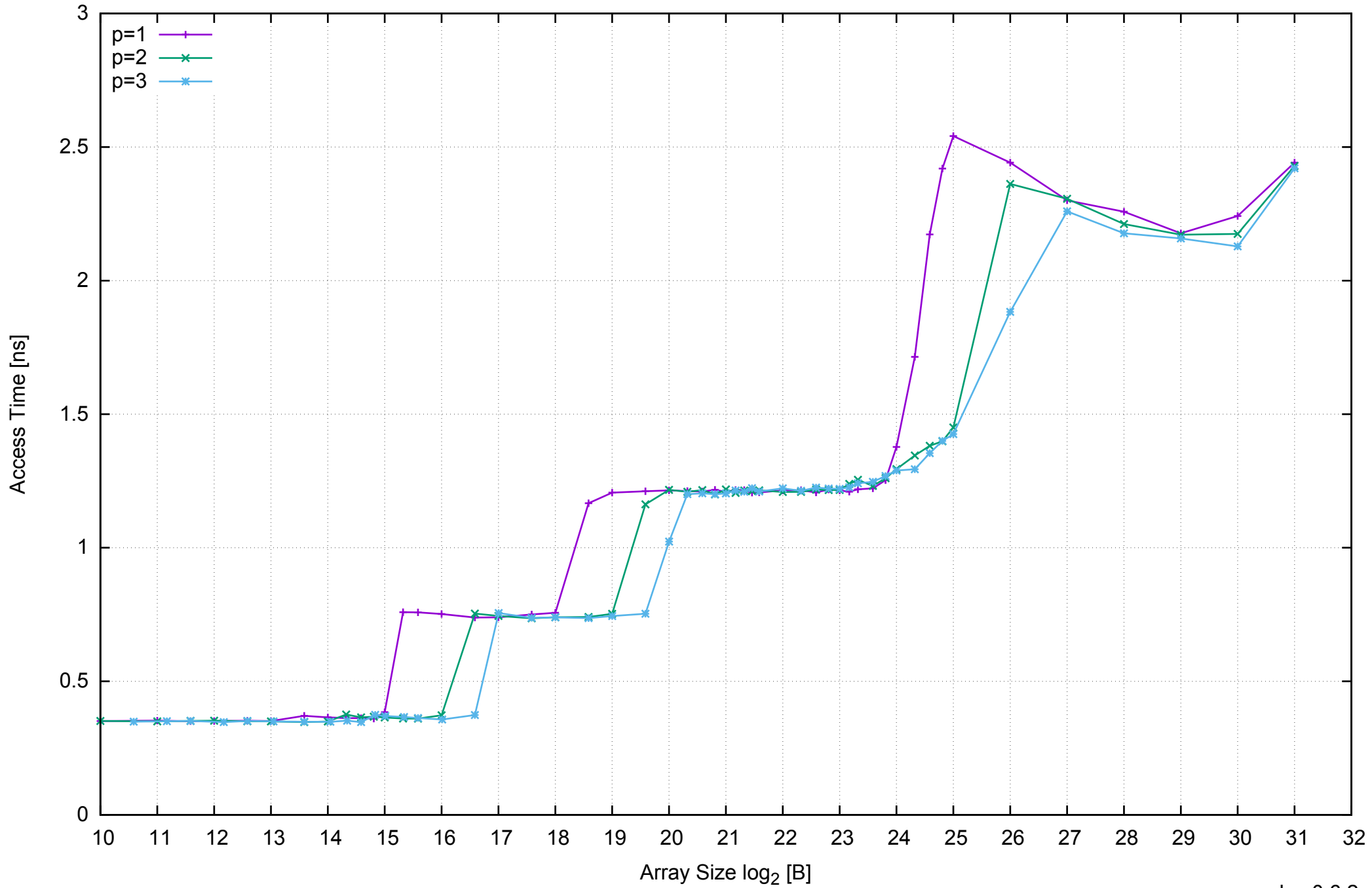


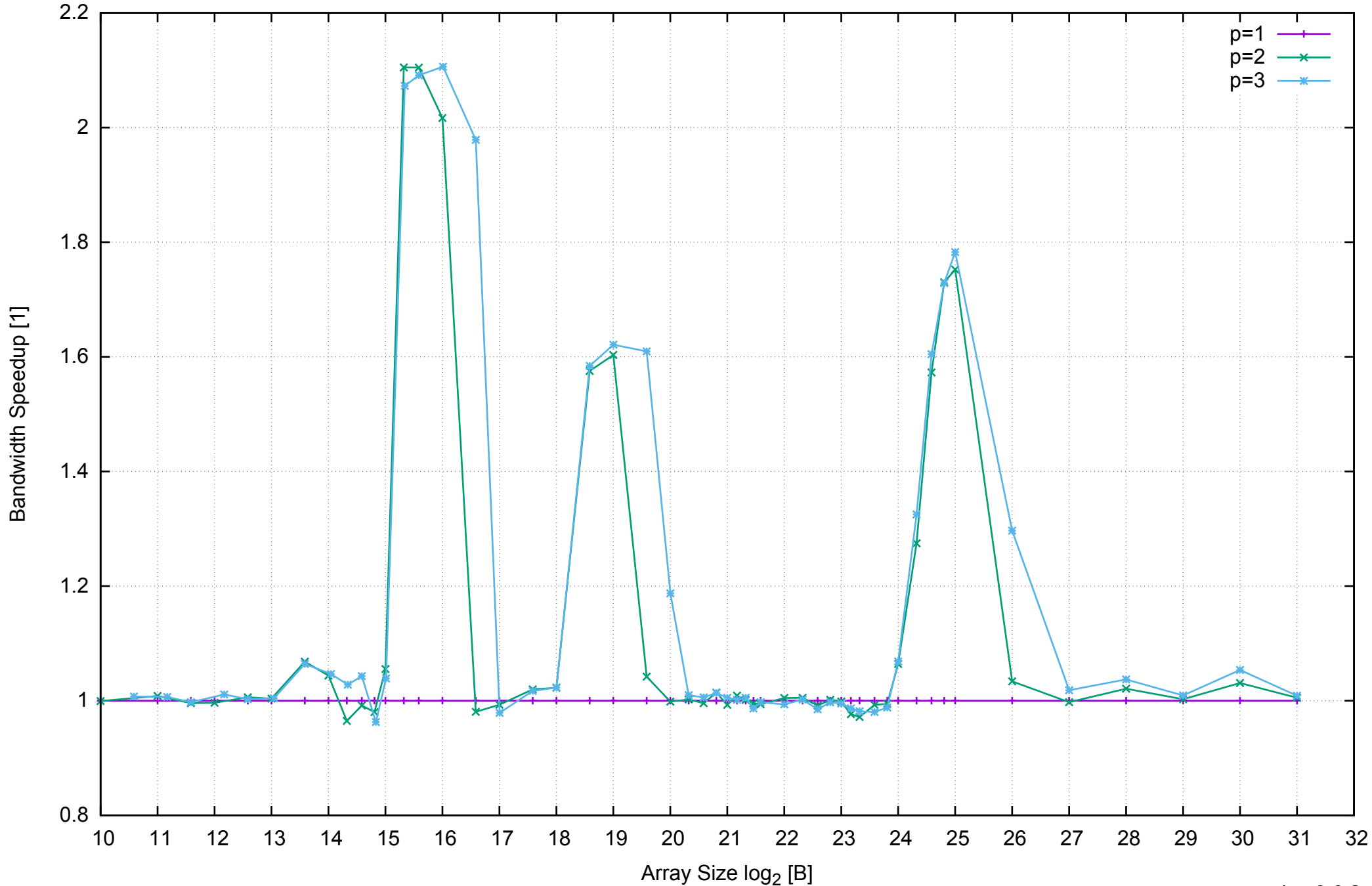


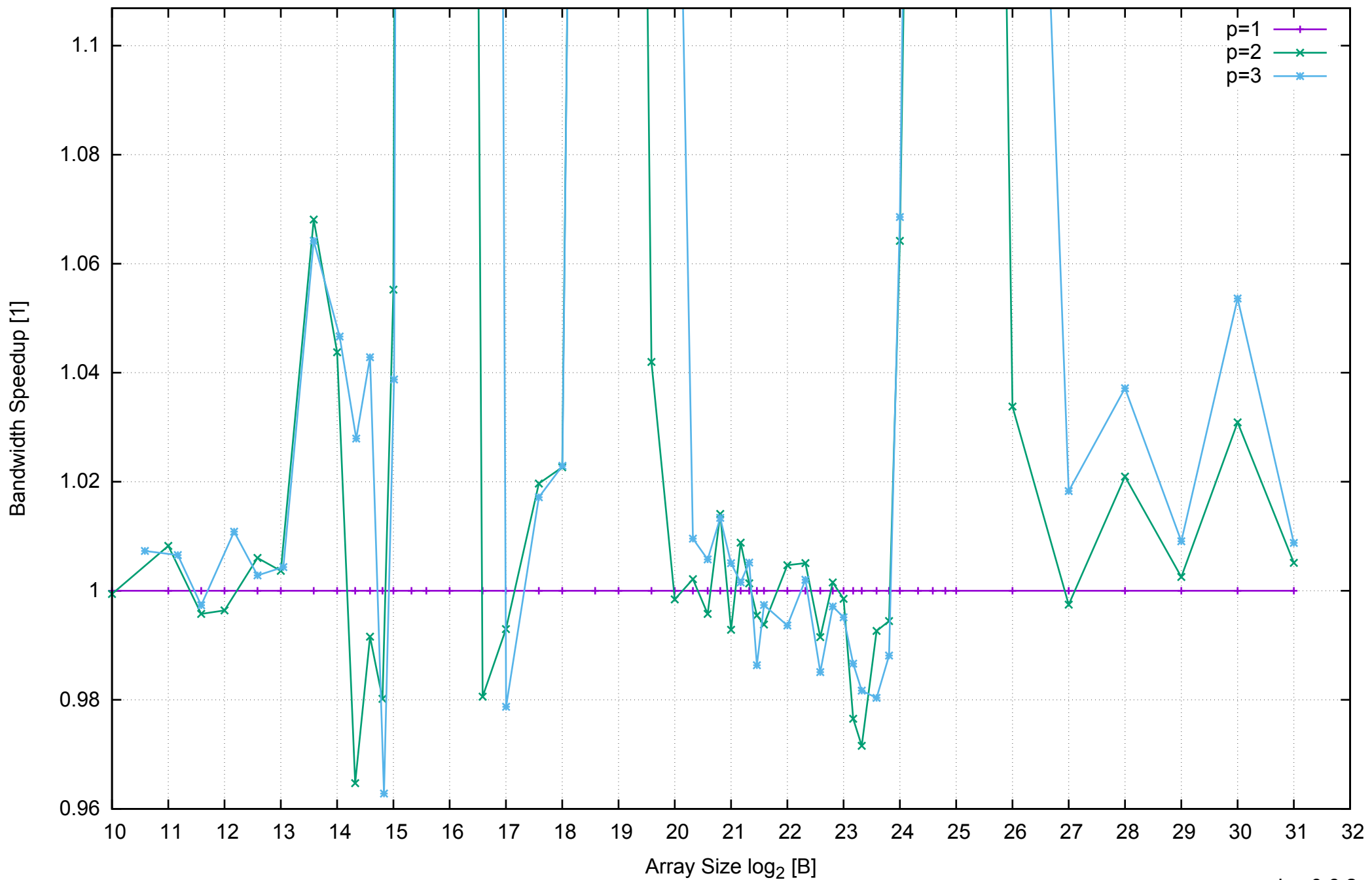
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead128PtrUnrollLoop



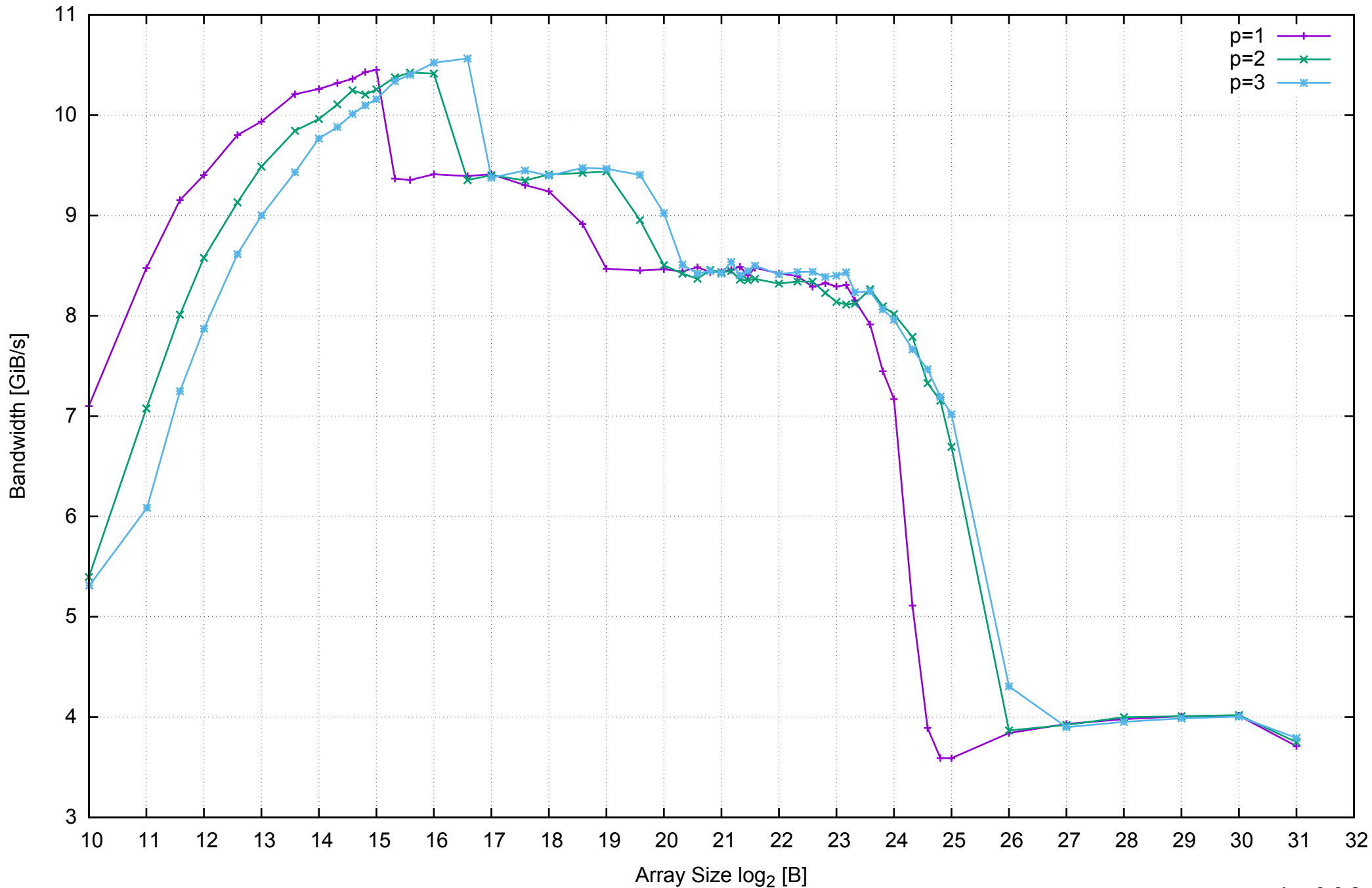
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead128PtrUnrollLoop



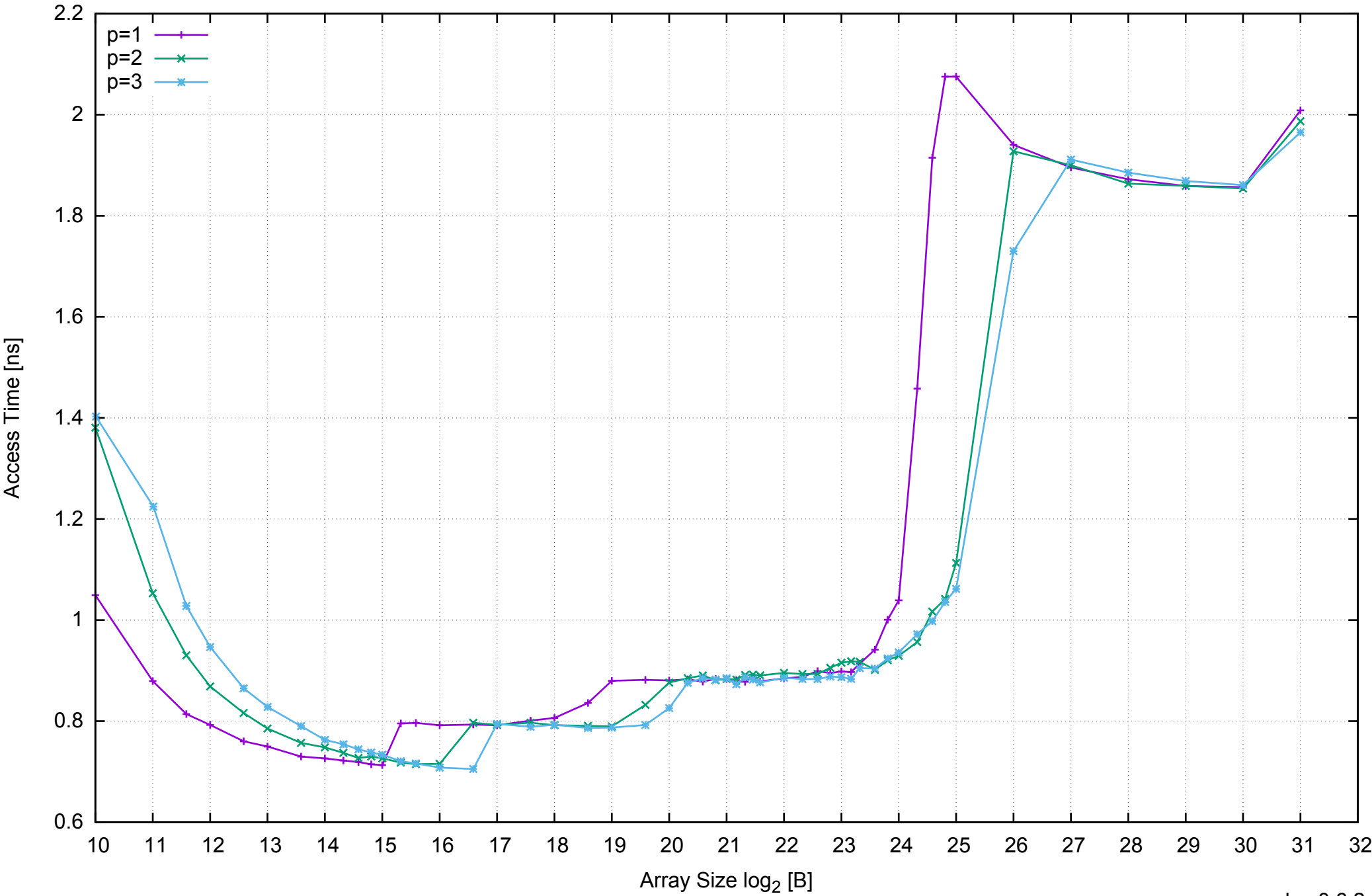


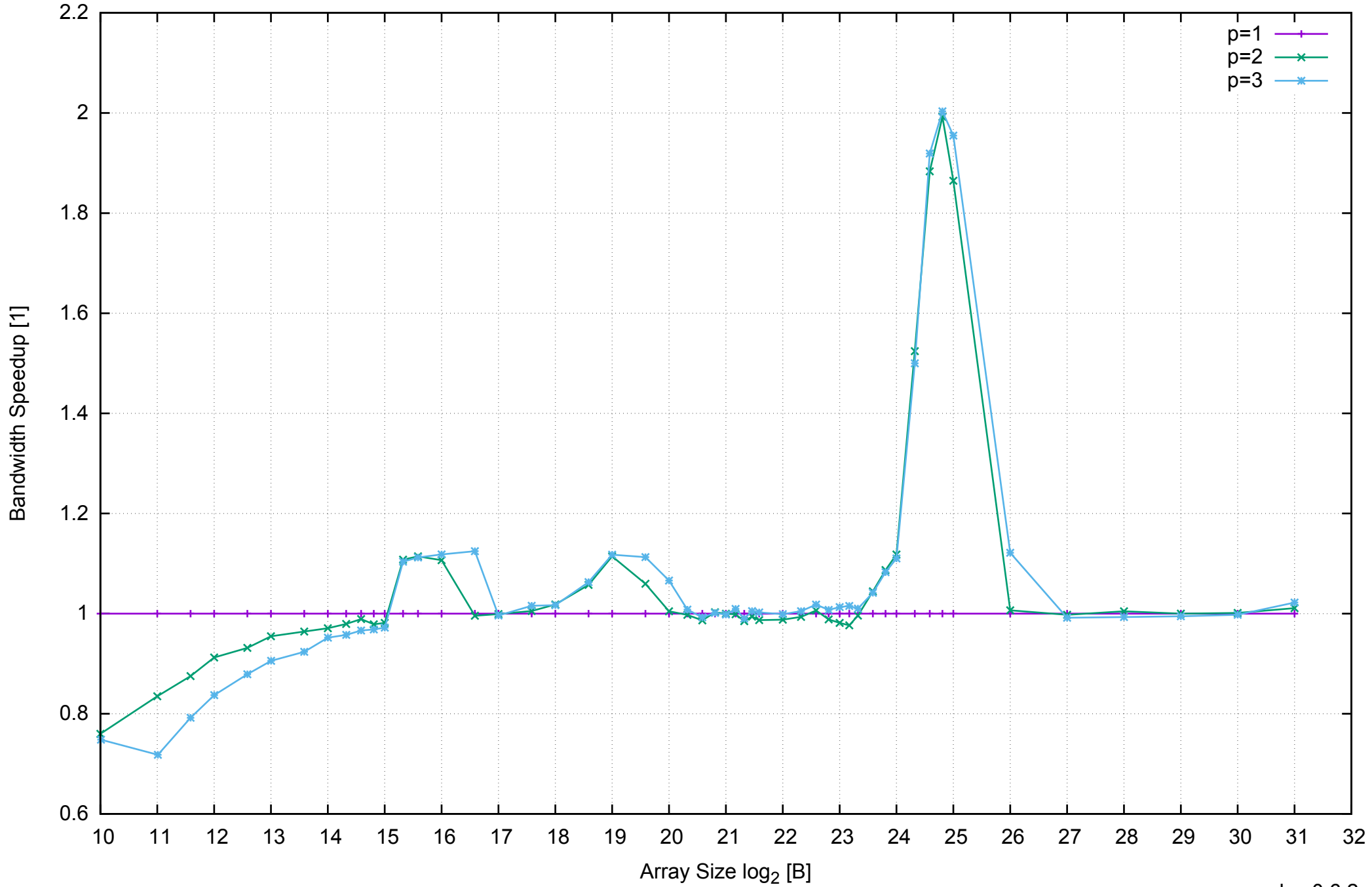


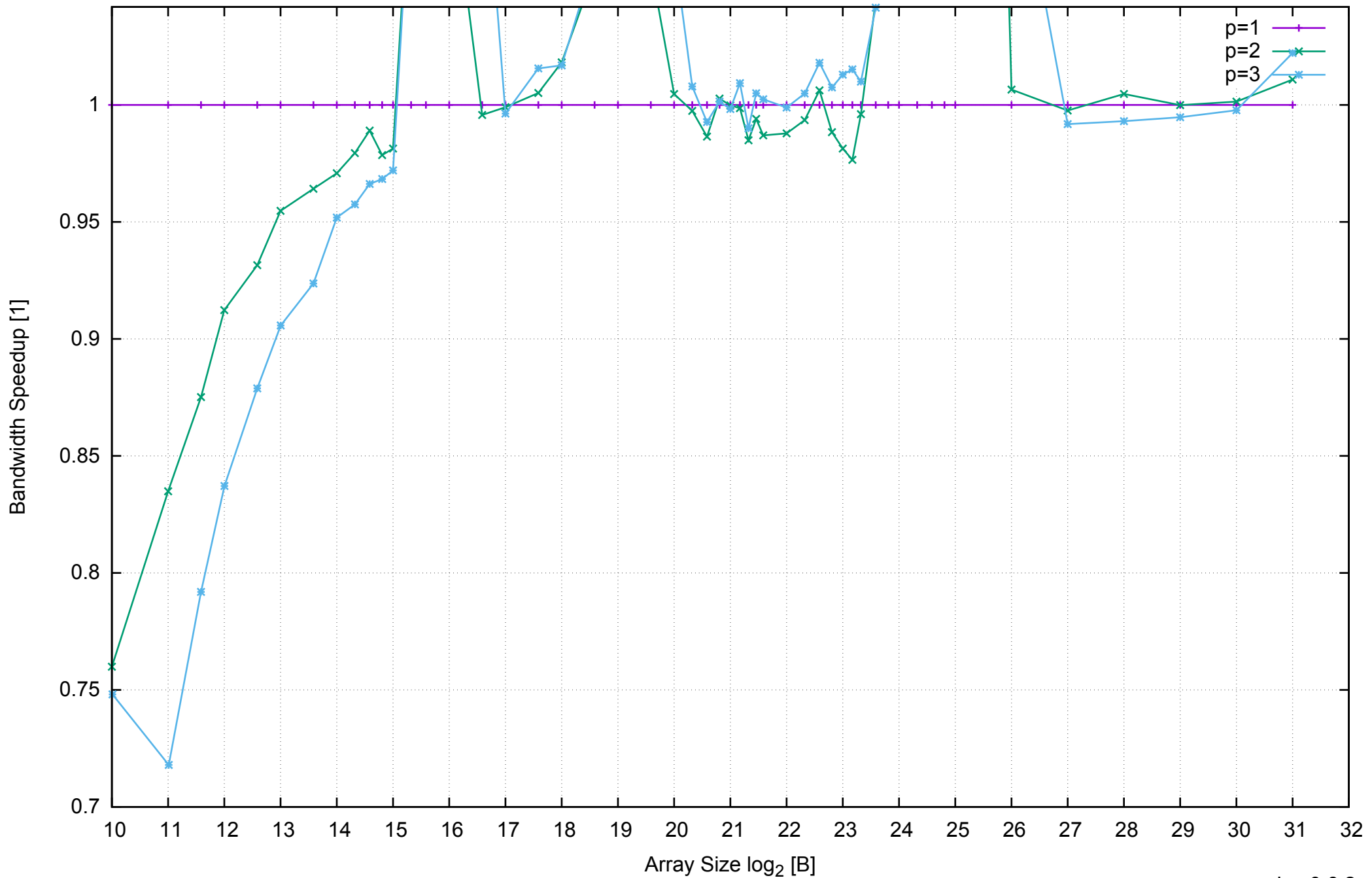
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite64PtrSimpleLoop

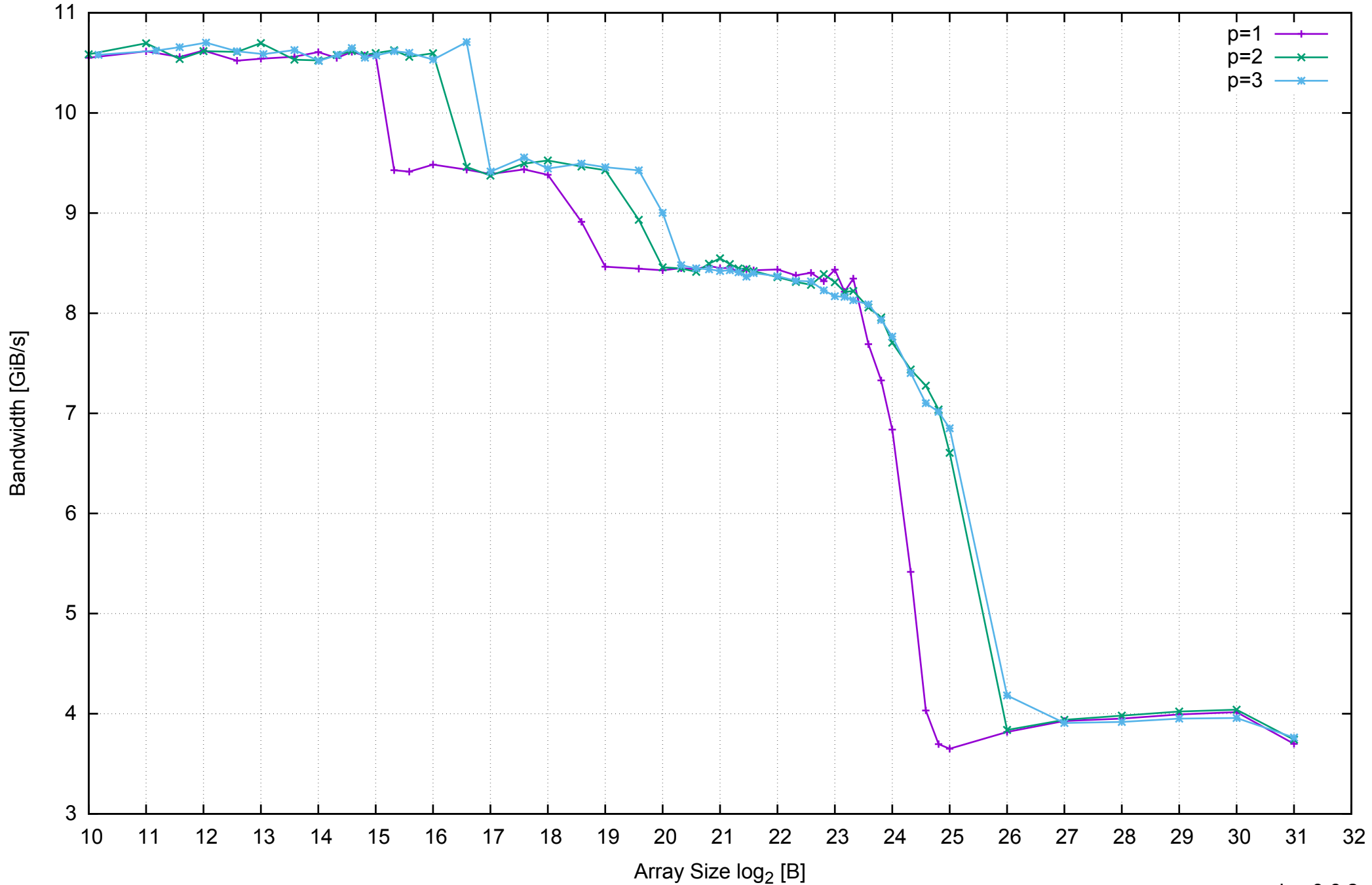




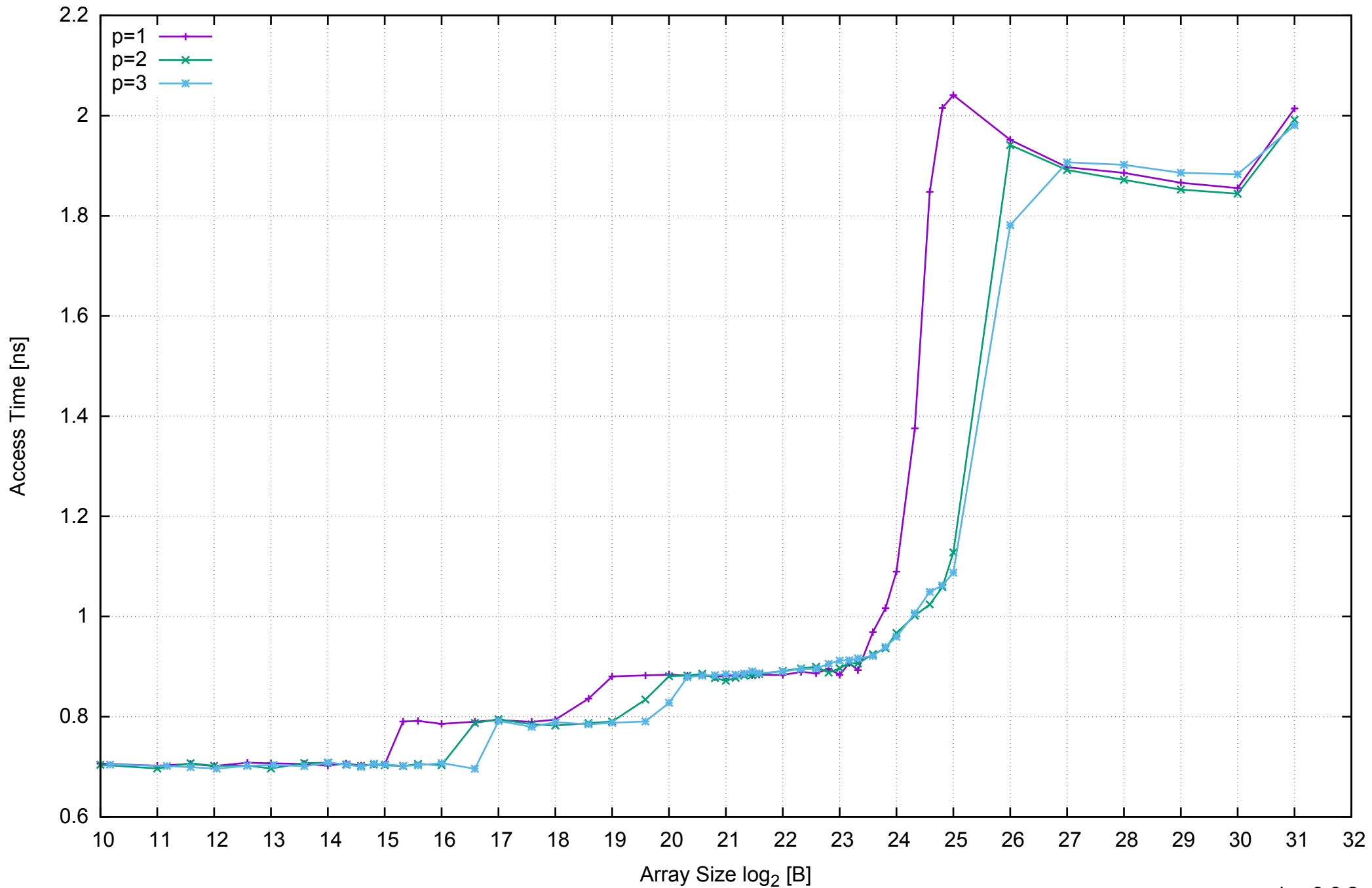




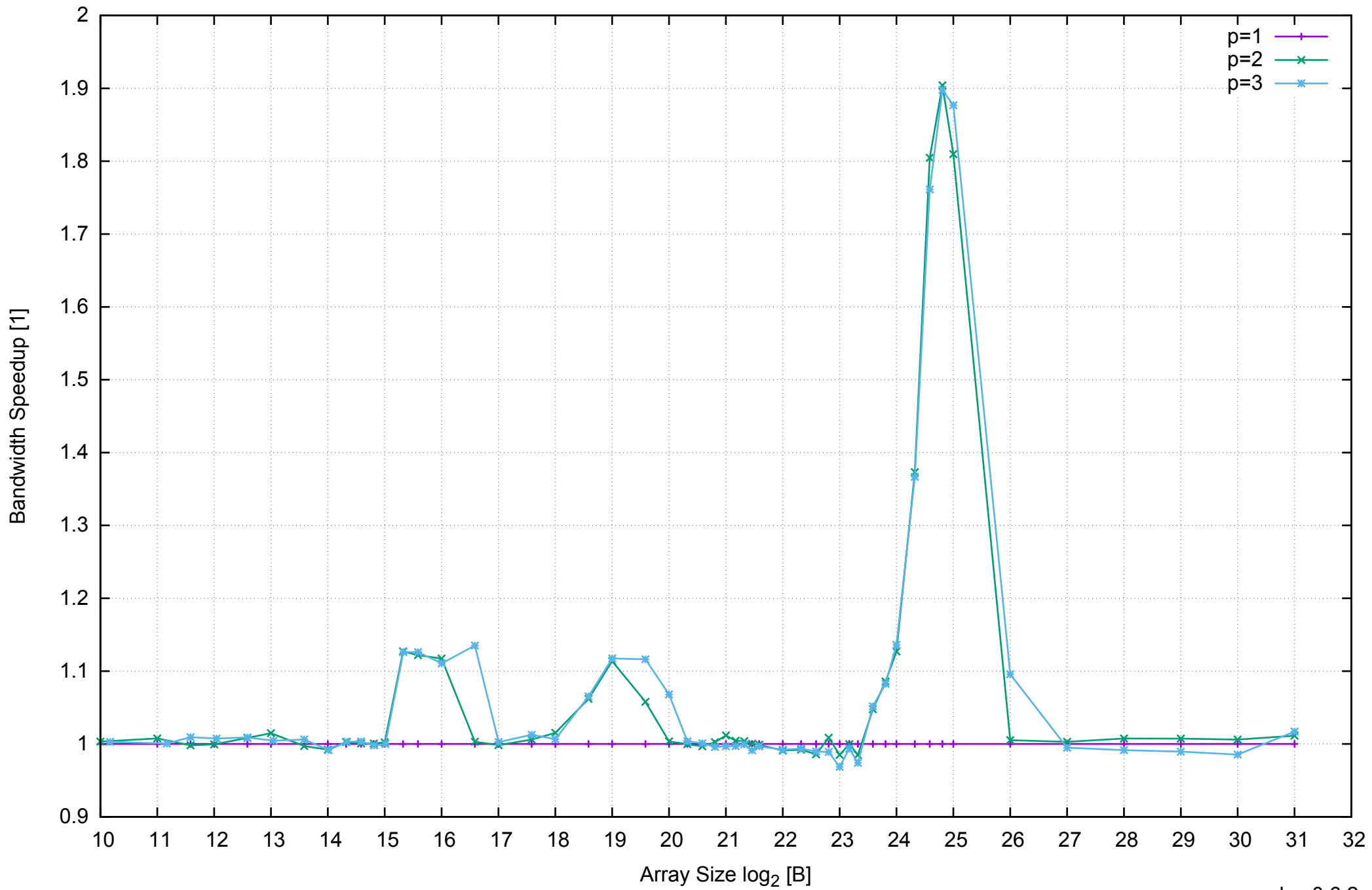
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop

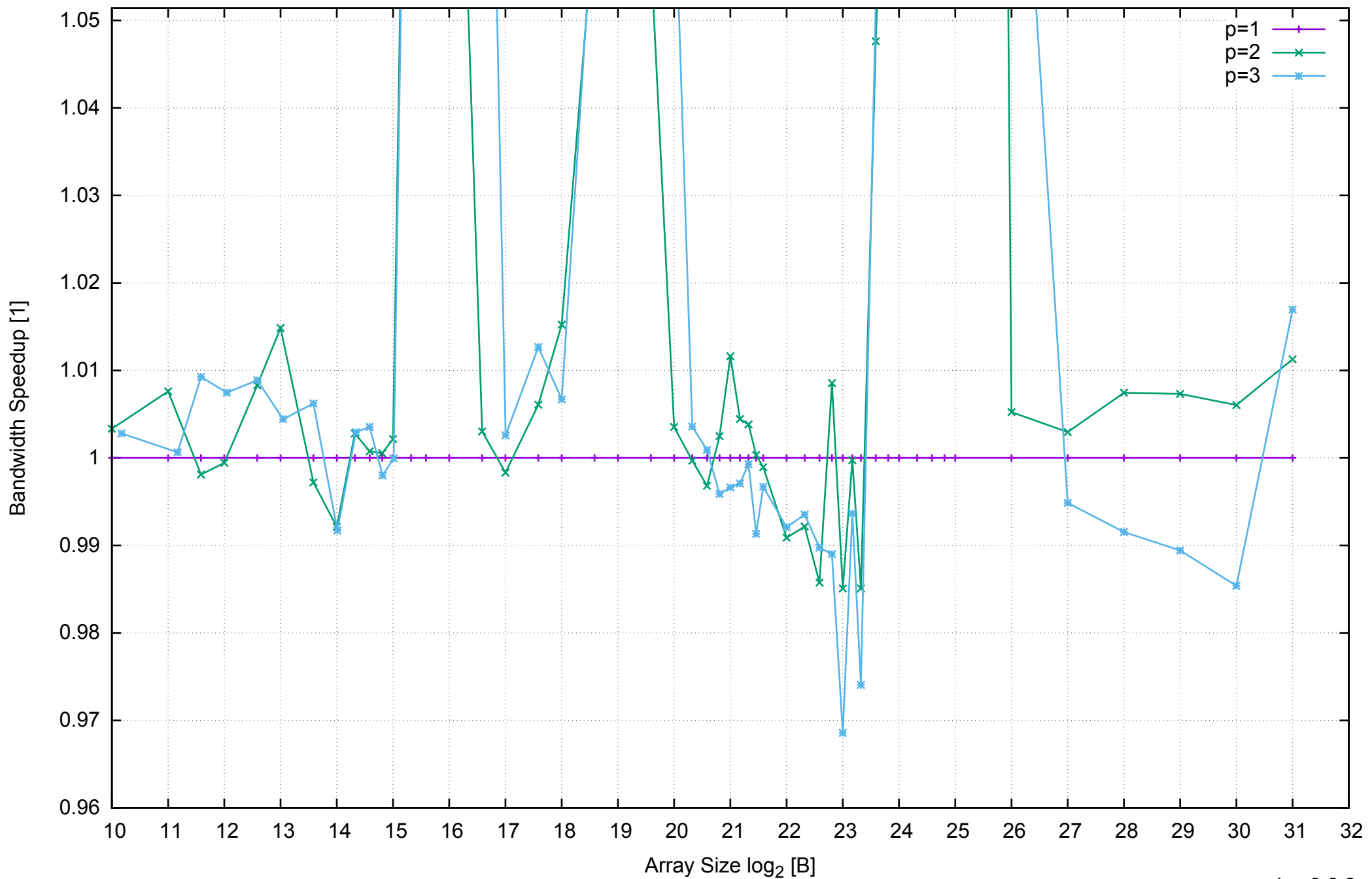


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite64PtrUnrollLoop

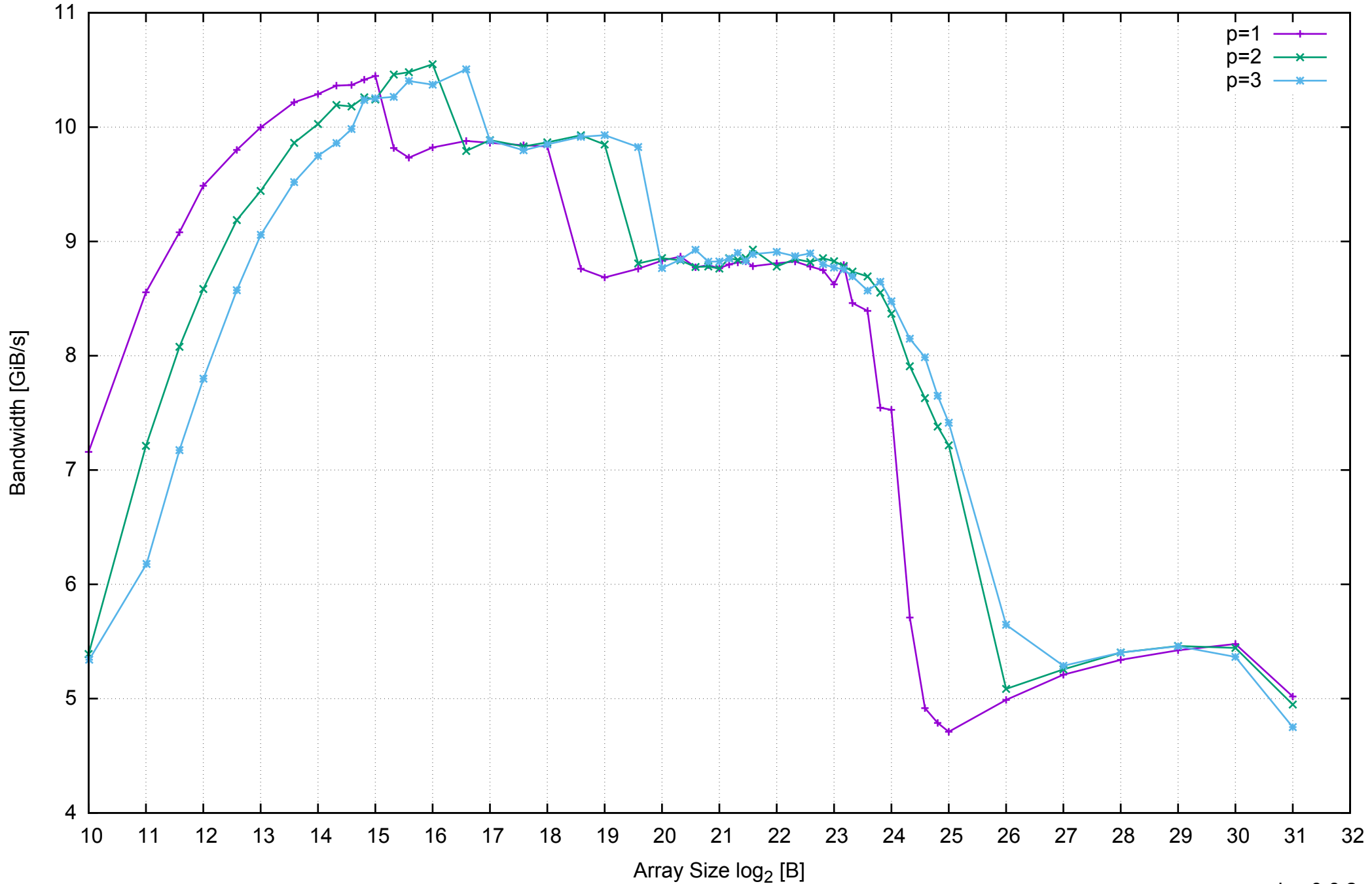


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop

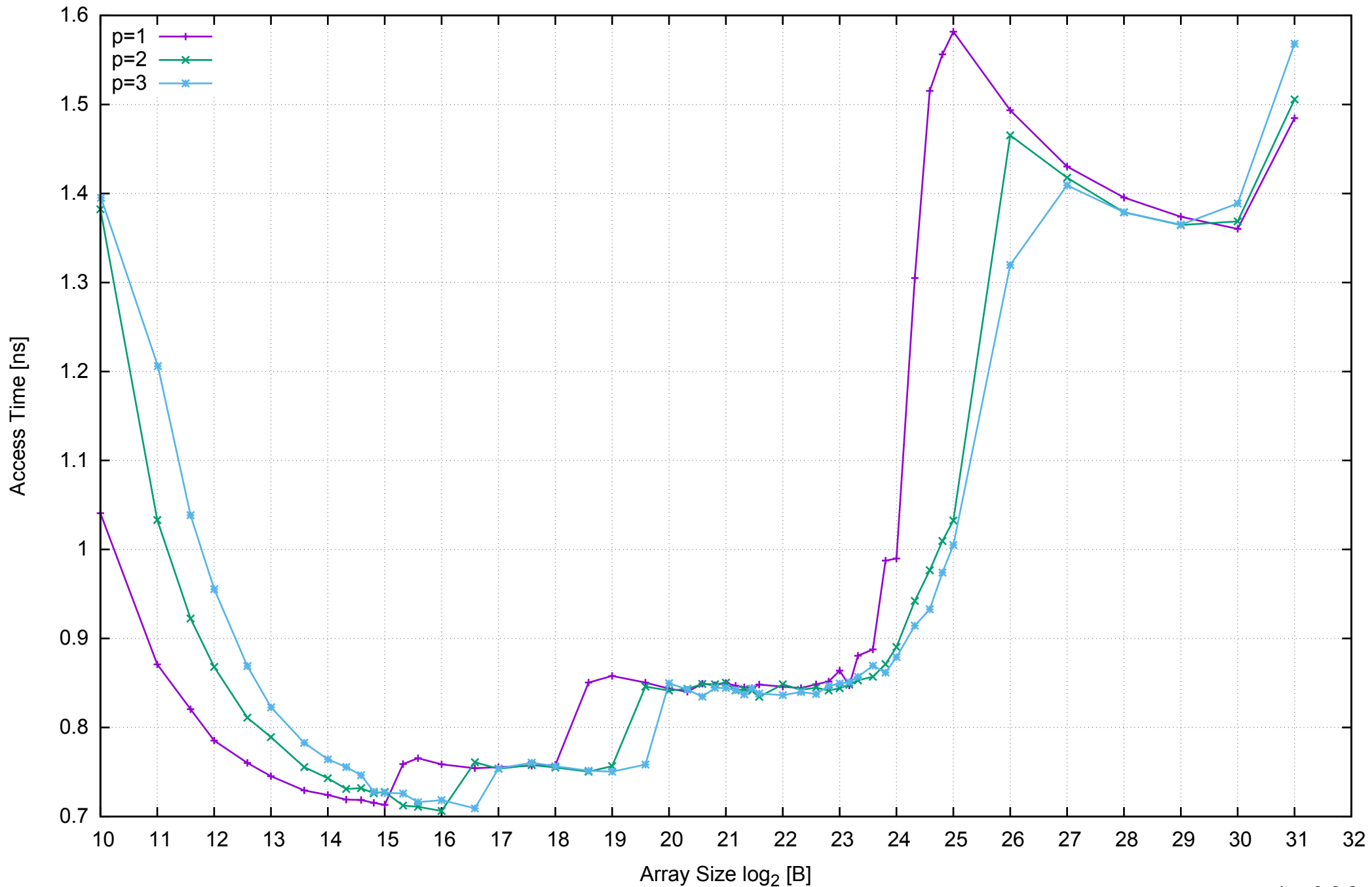


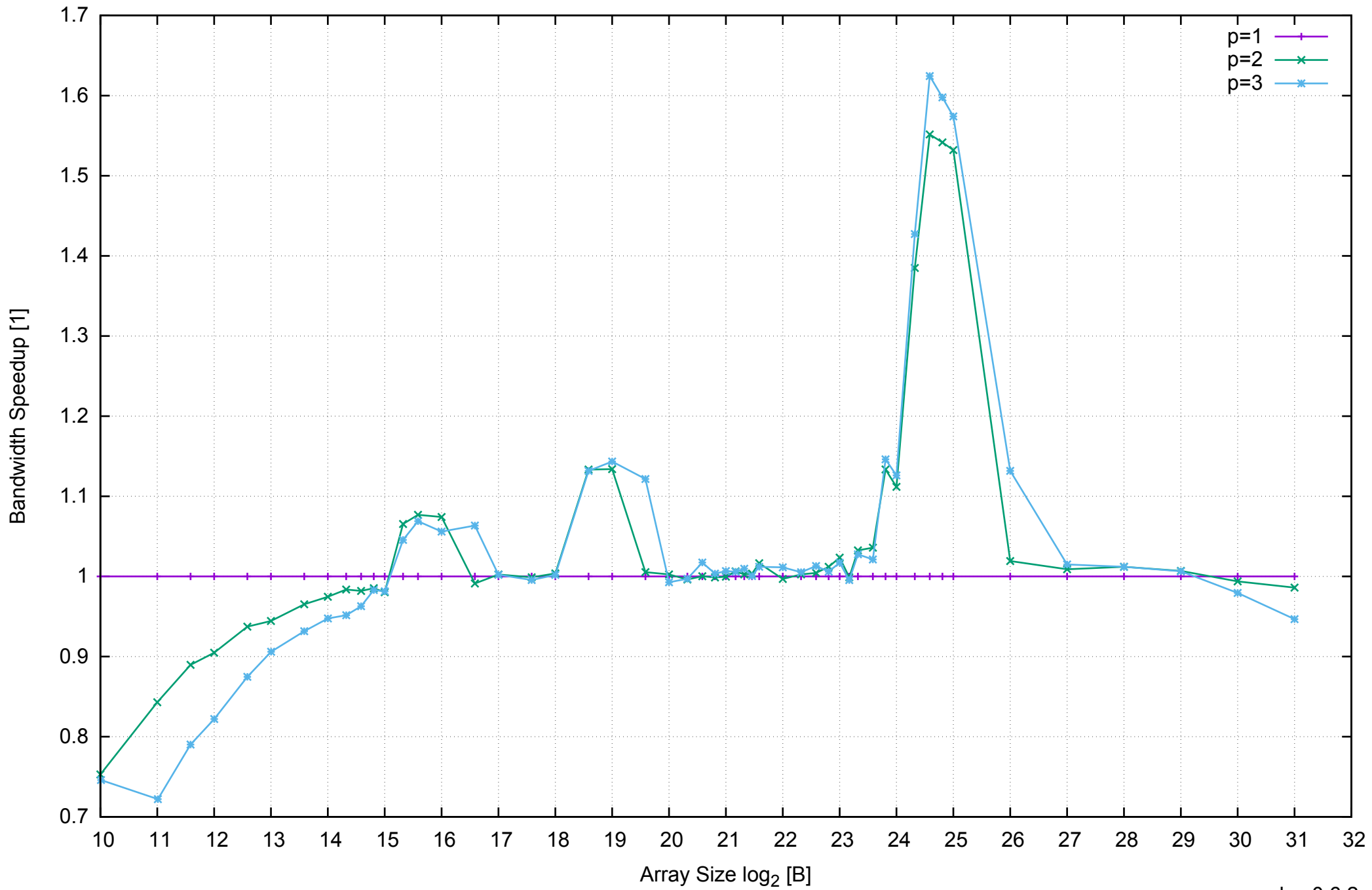


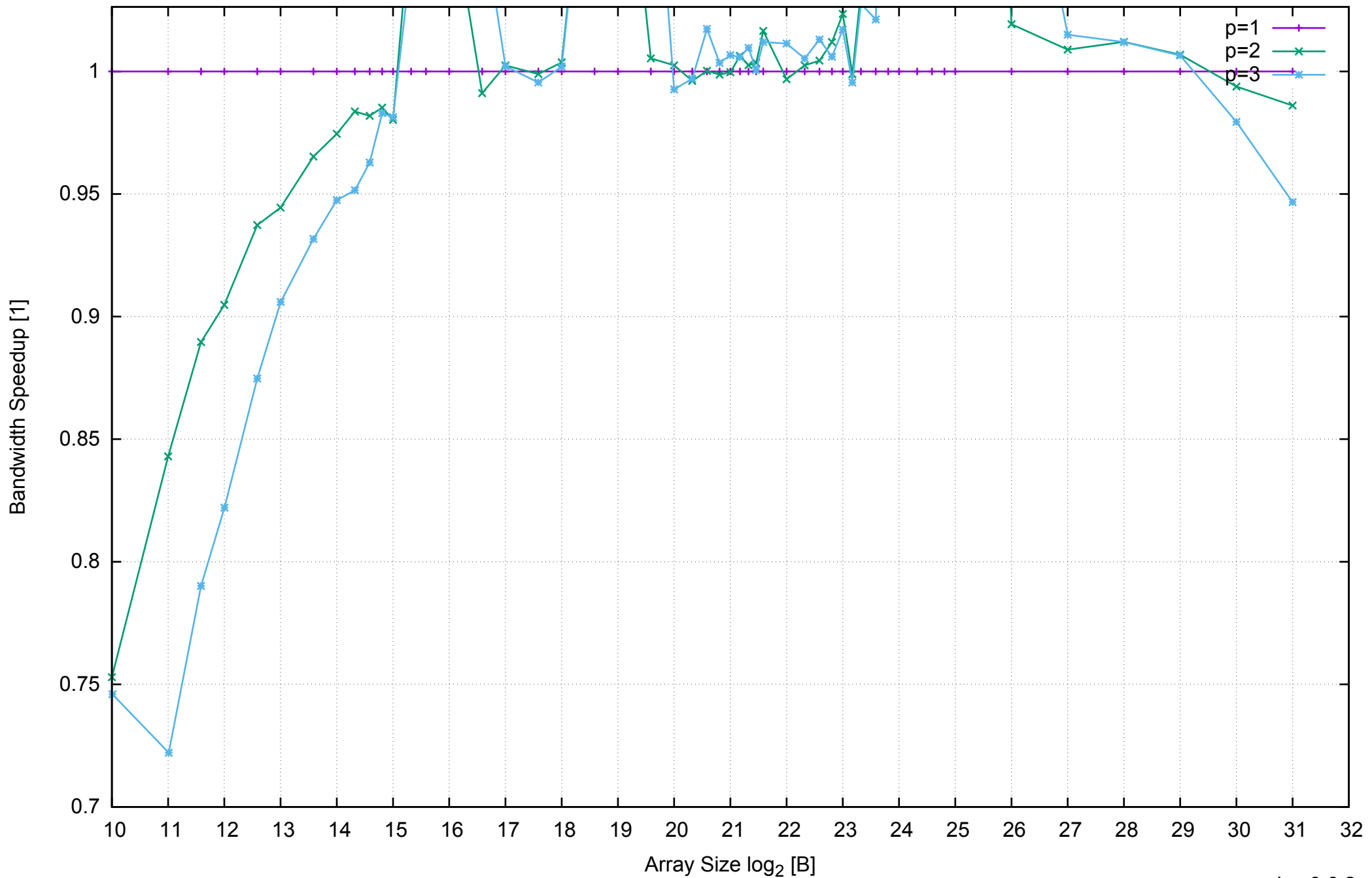
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead64PtrSimpleLoop

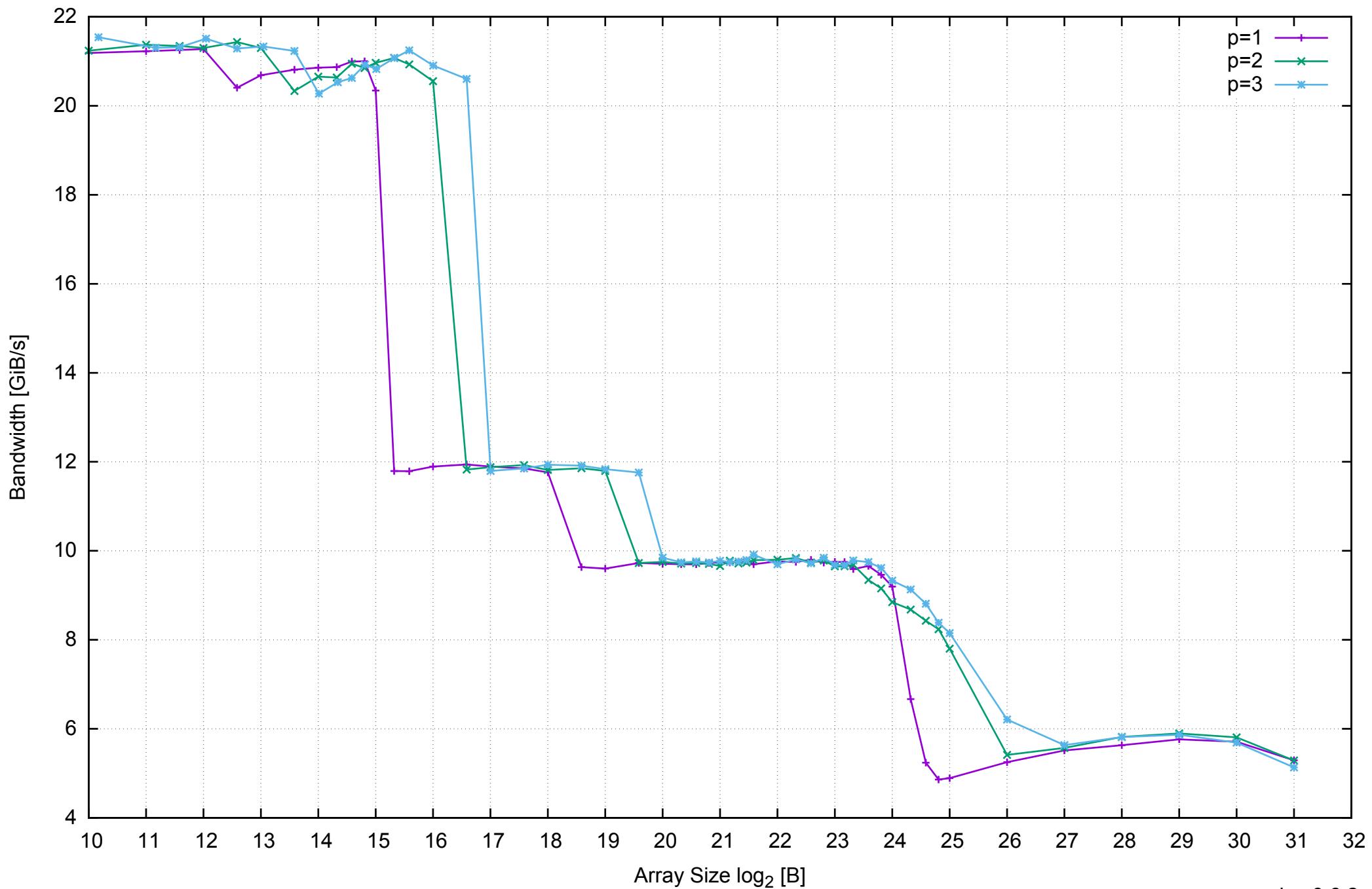




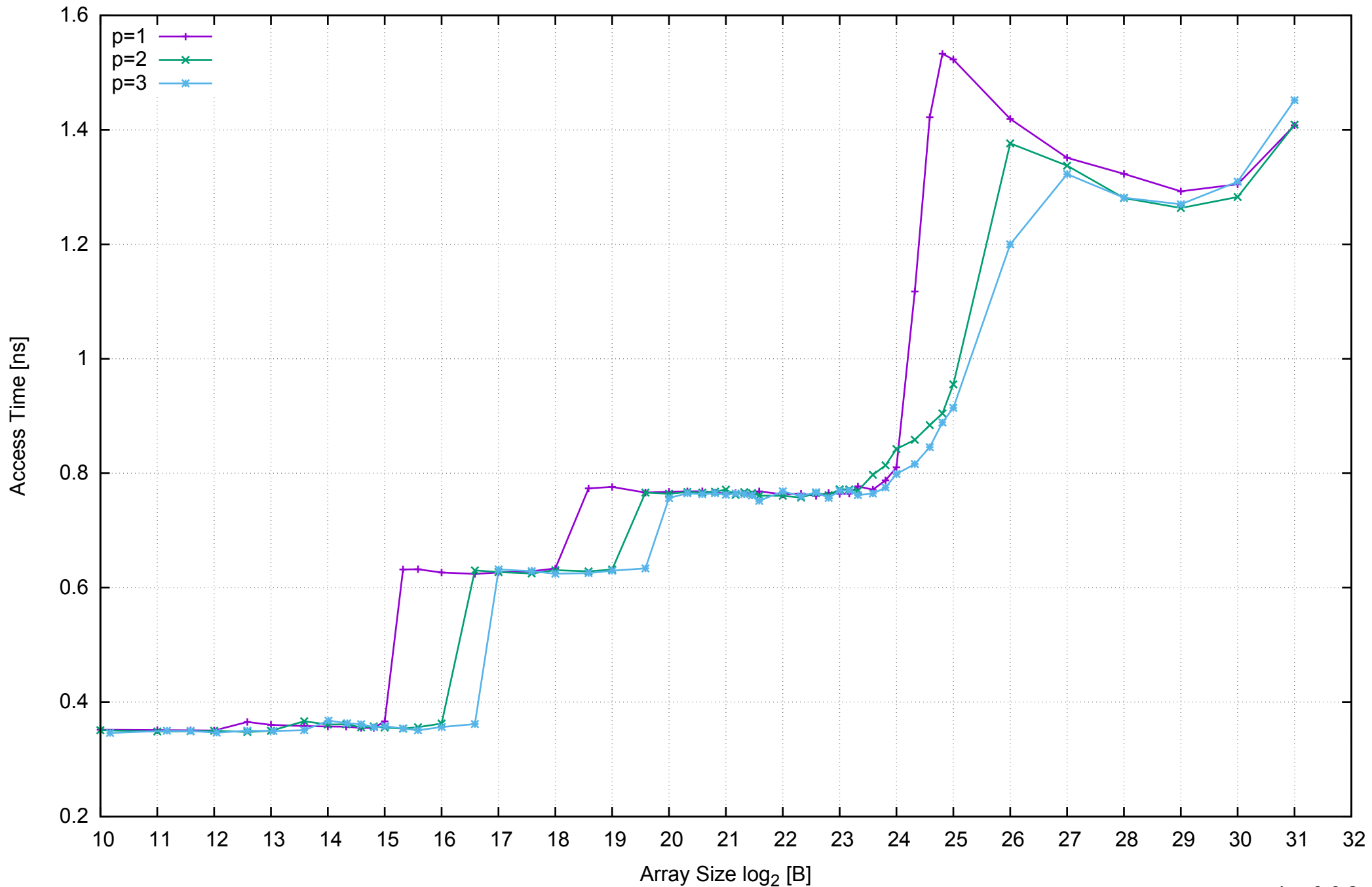




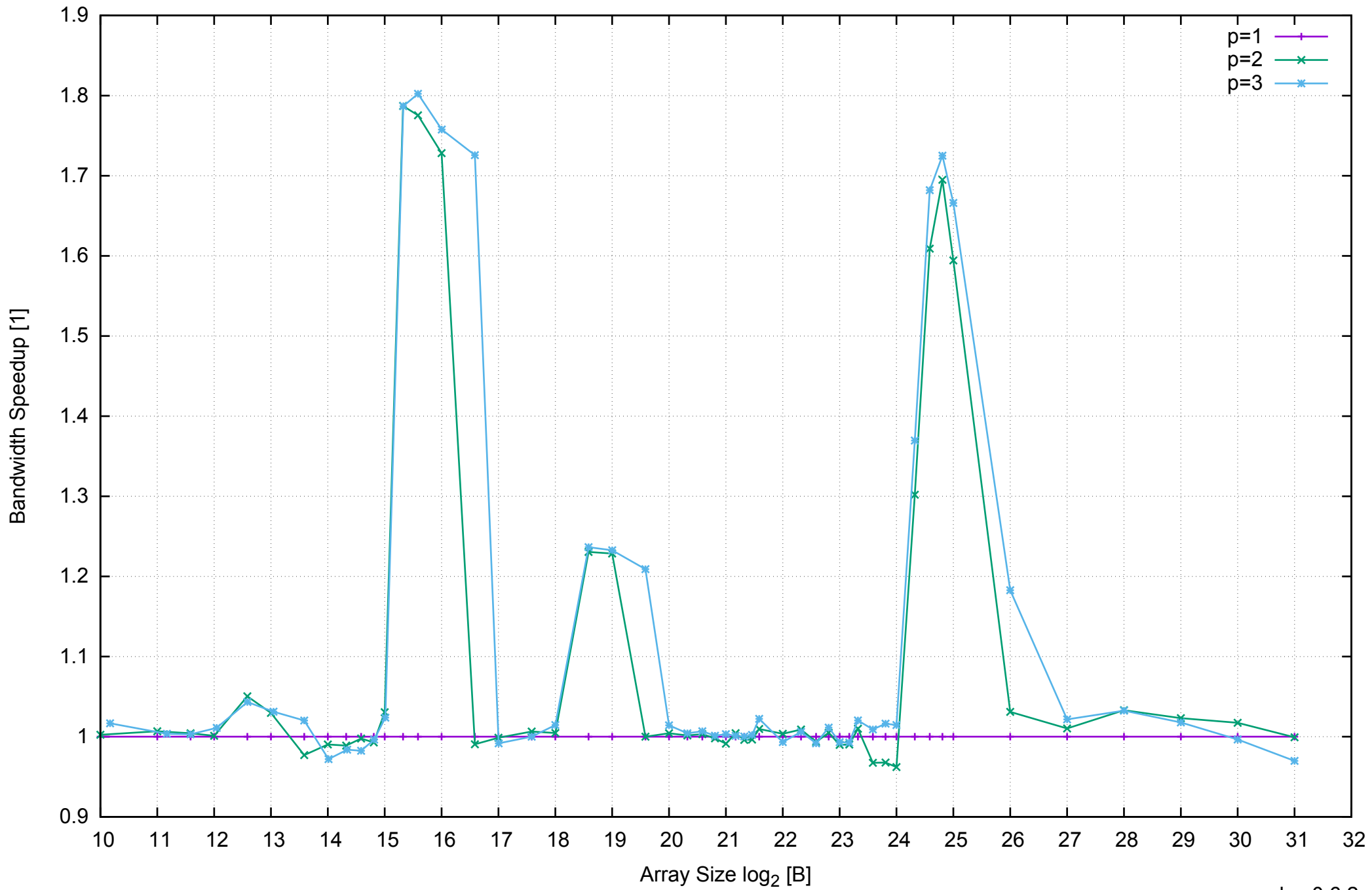
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop

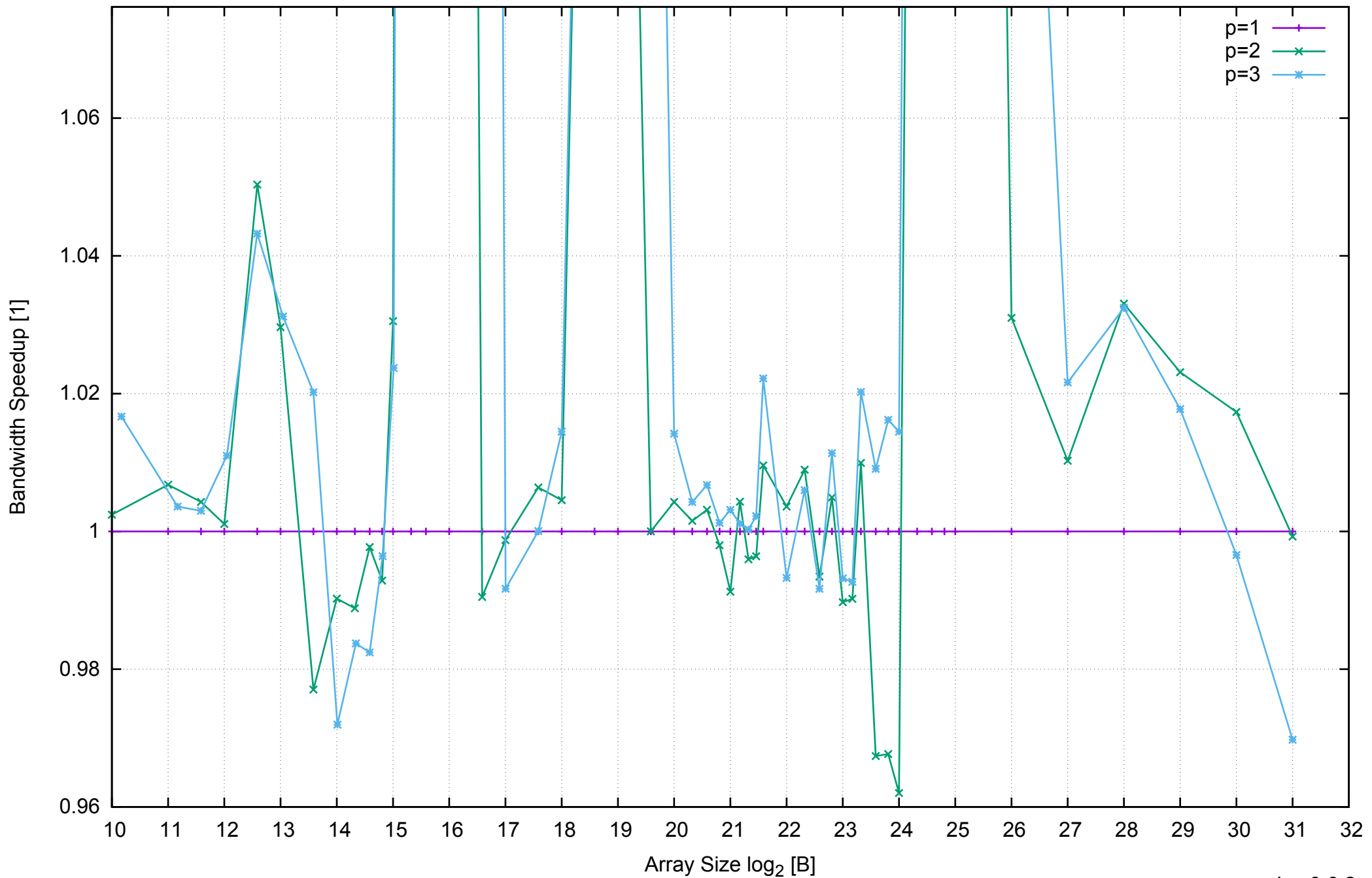


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead64PtrUnrollLoop

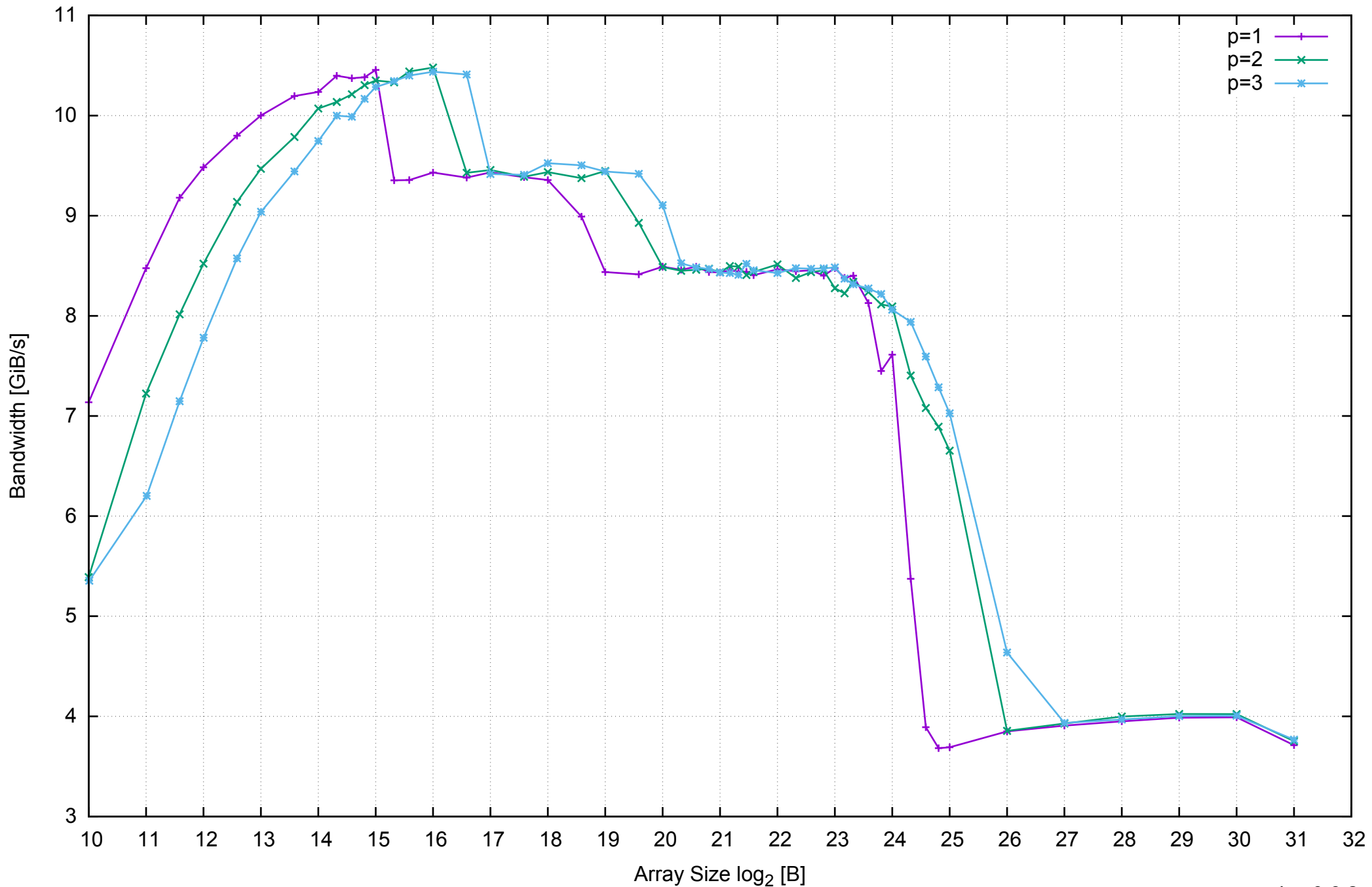


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop

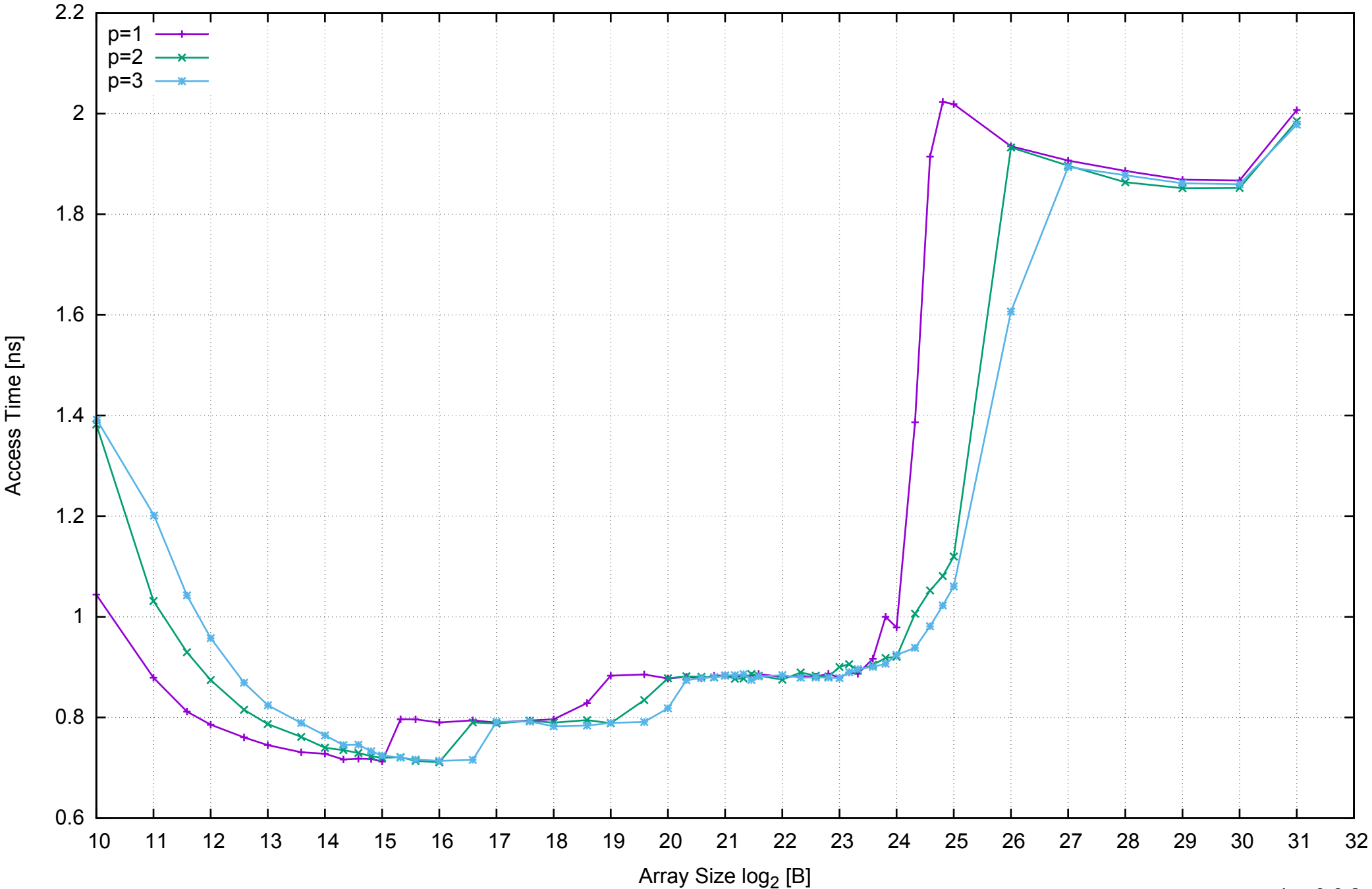




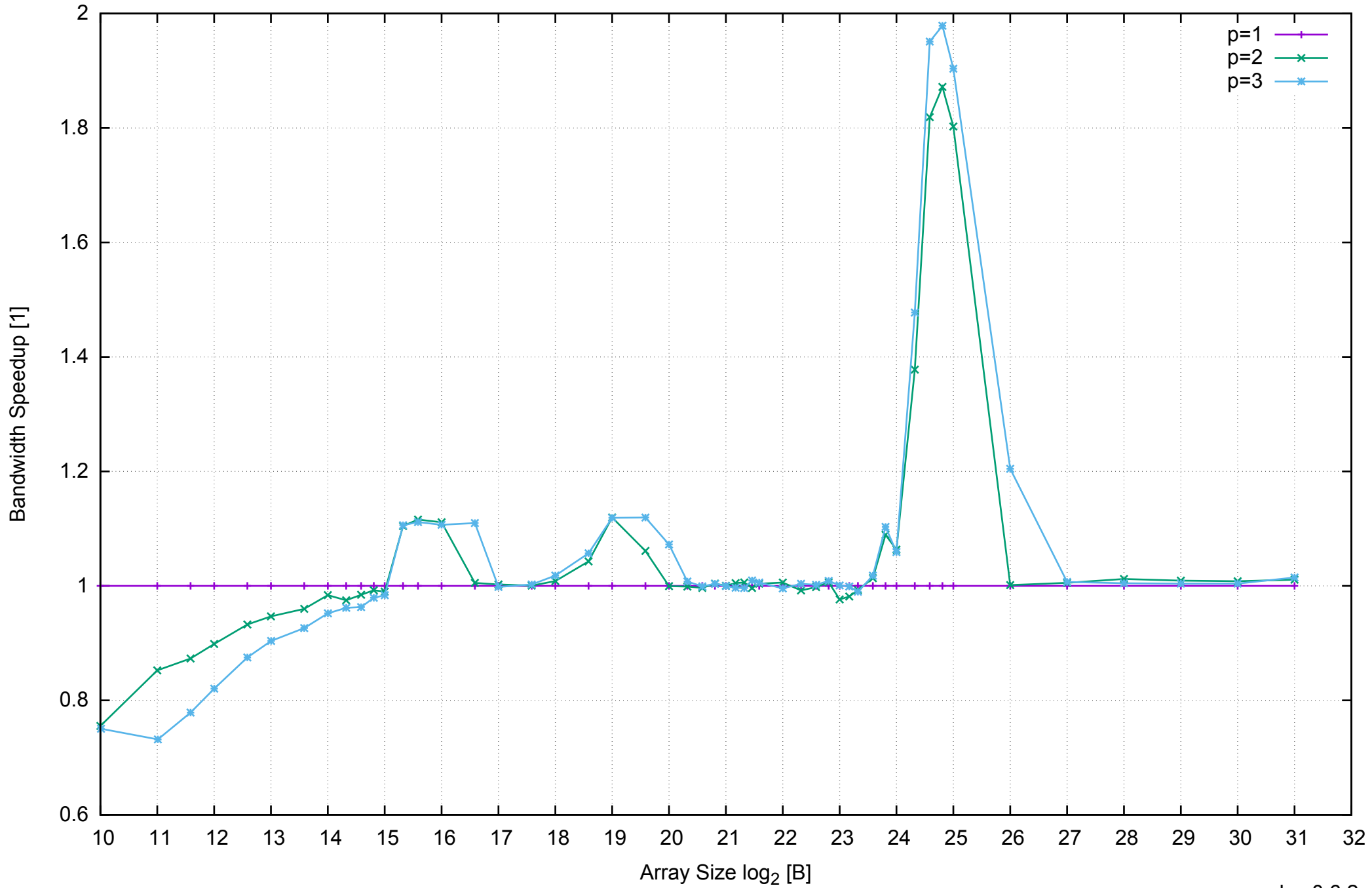
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoop

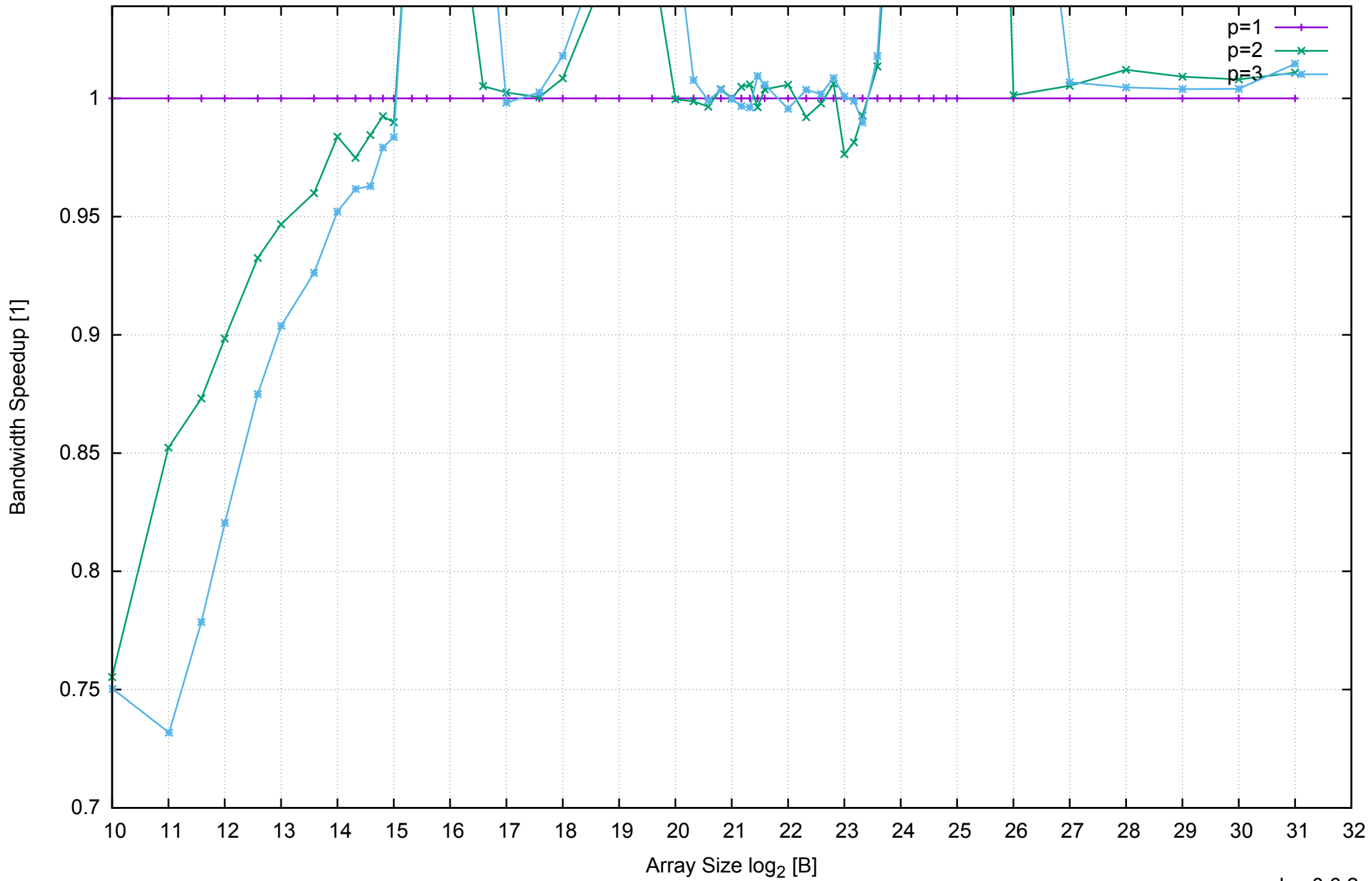


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite64IndexSimpleLoop



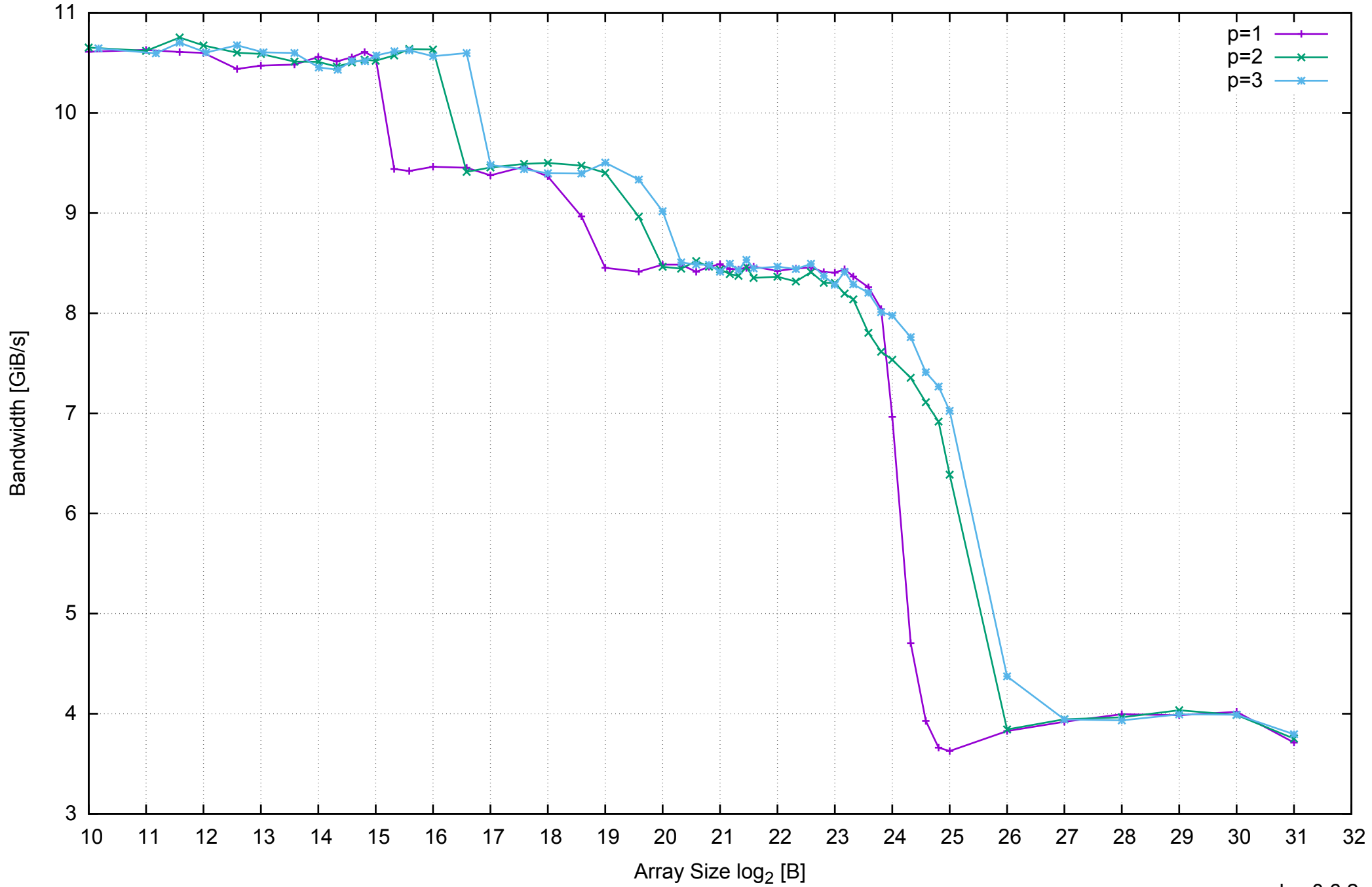
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoop



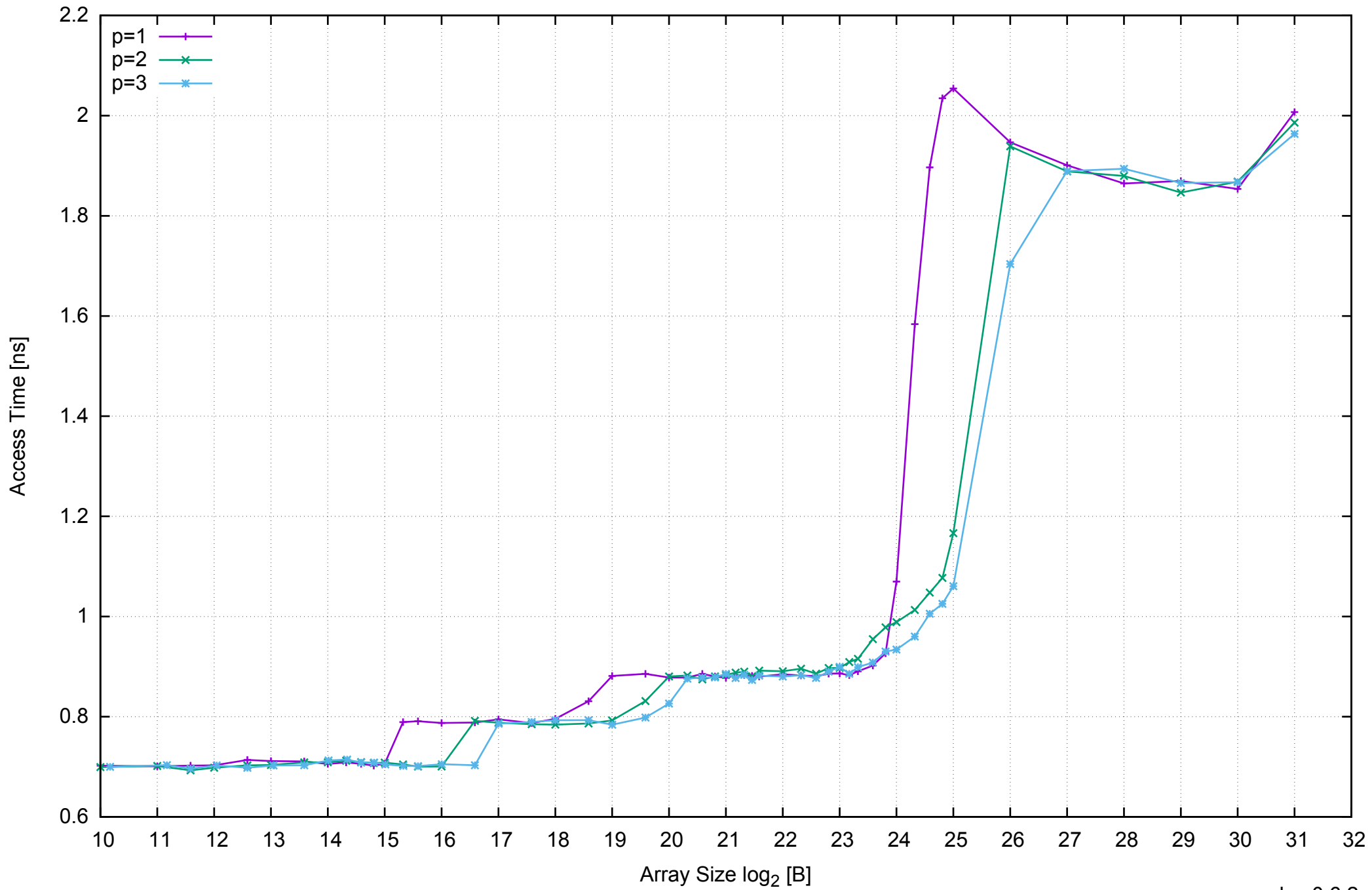


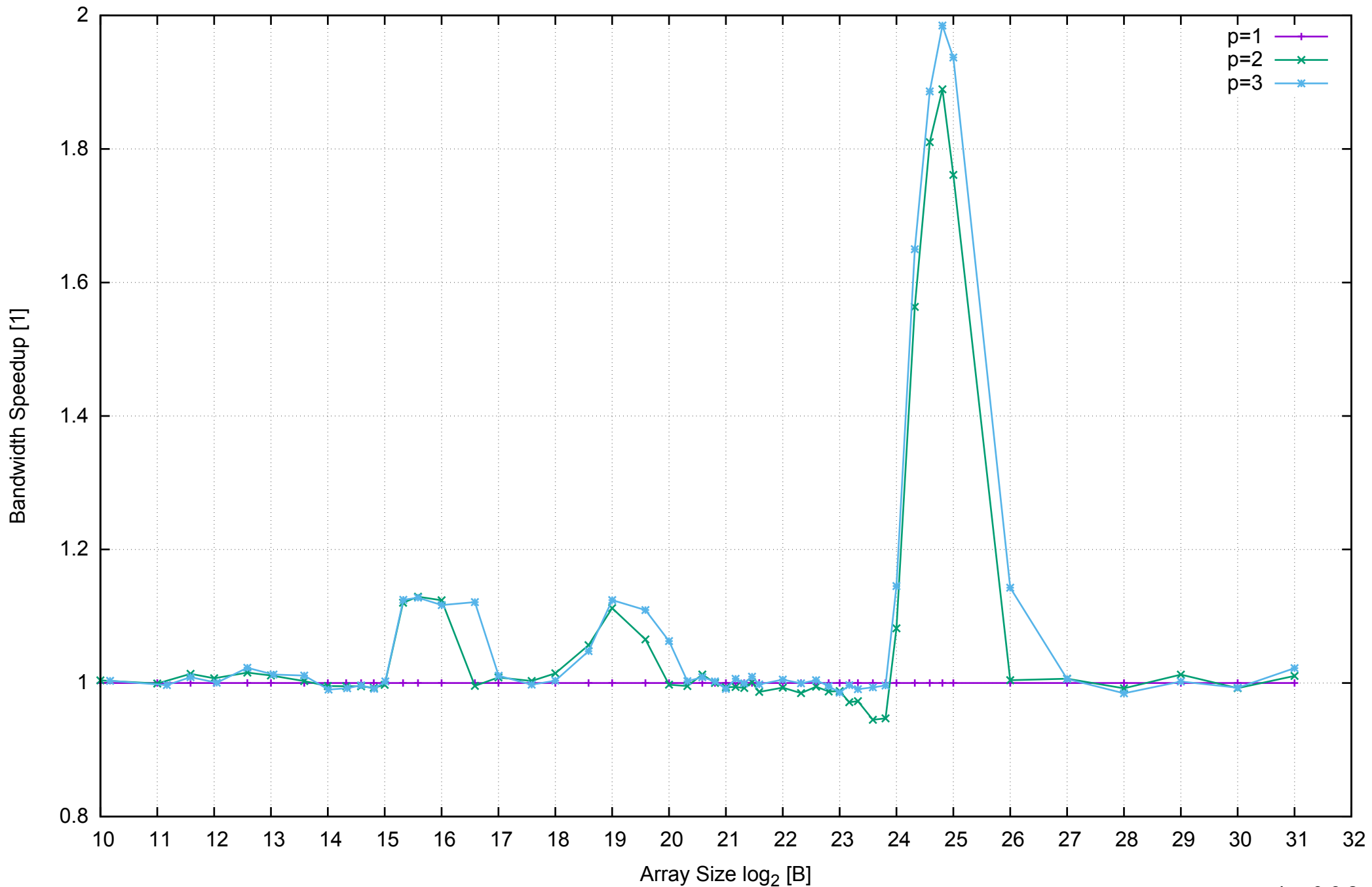


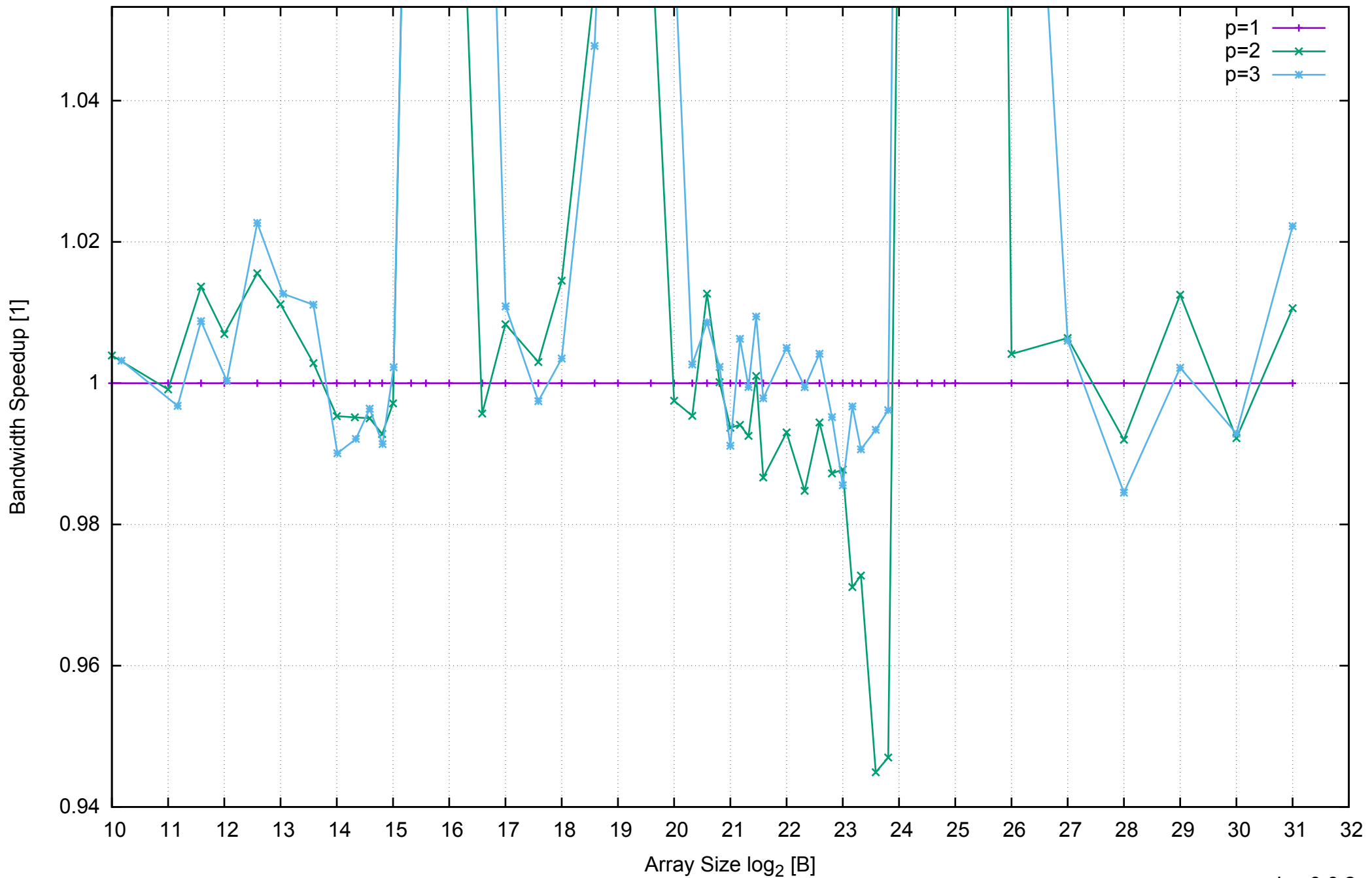
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite64IndexUnrollLoop



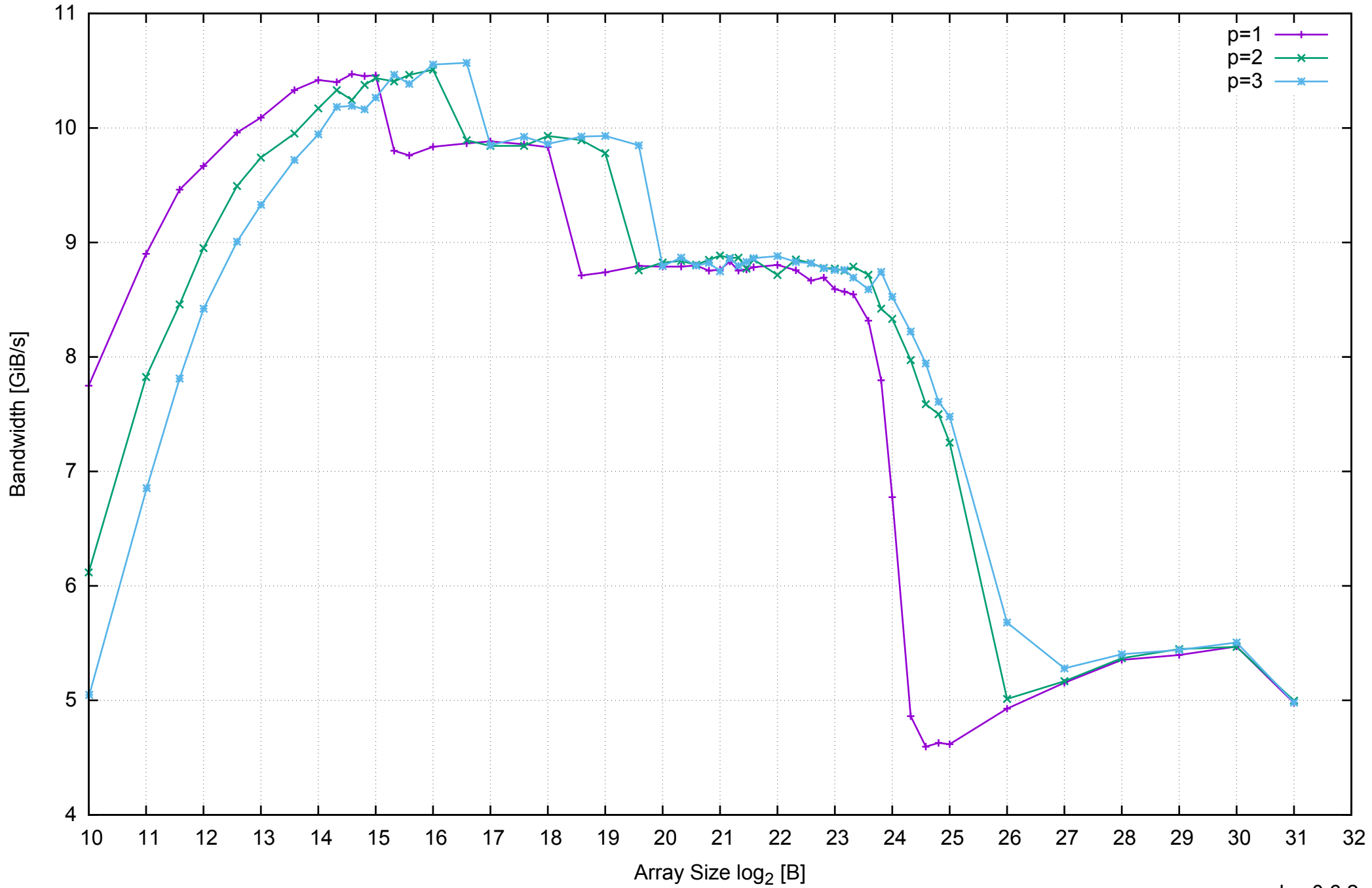
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite64IndexUnrollLoop



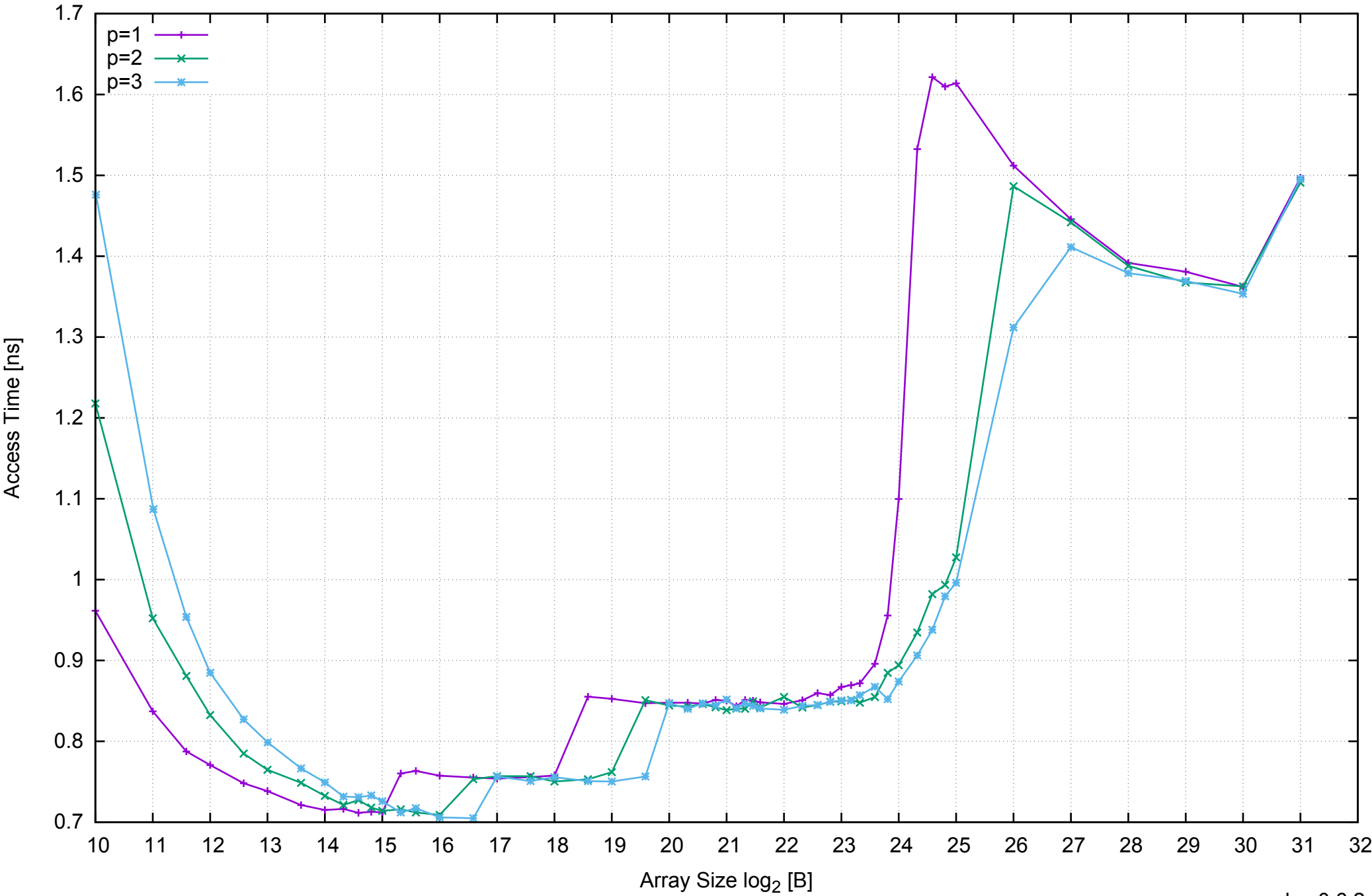


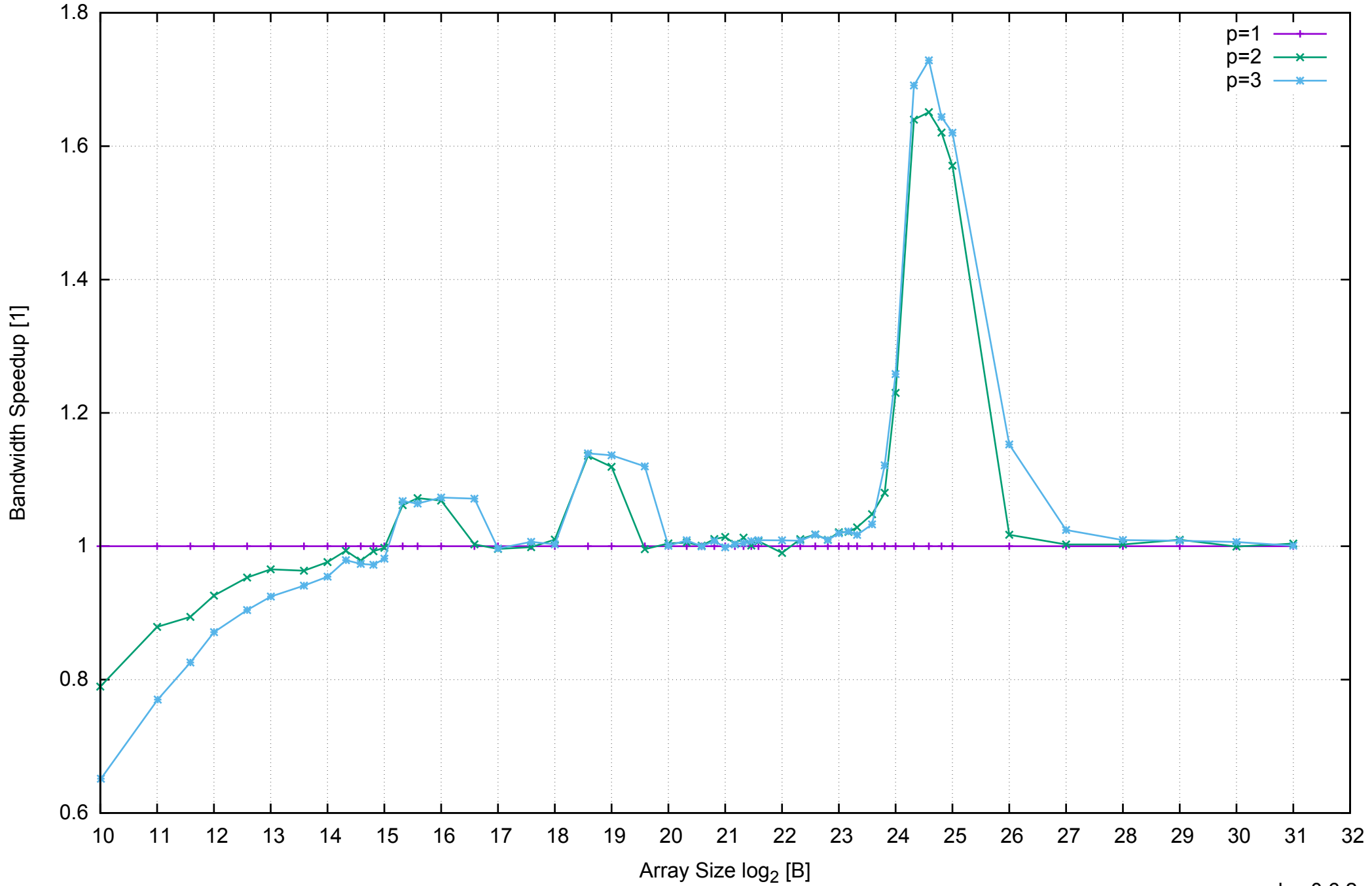


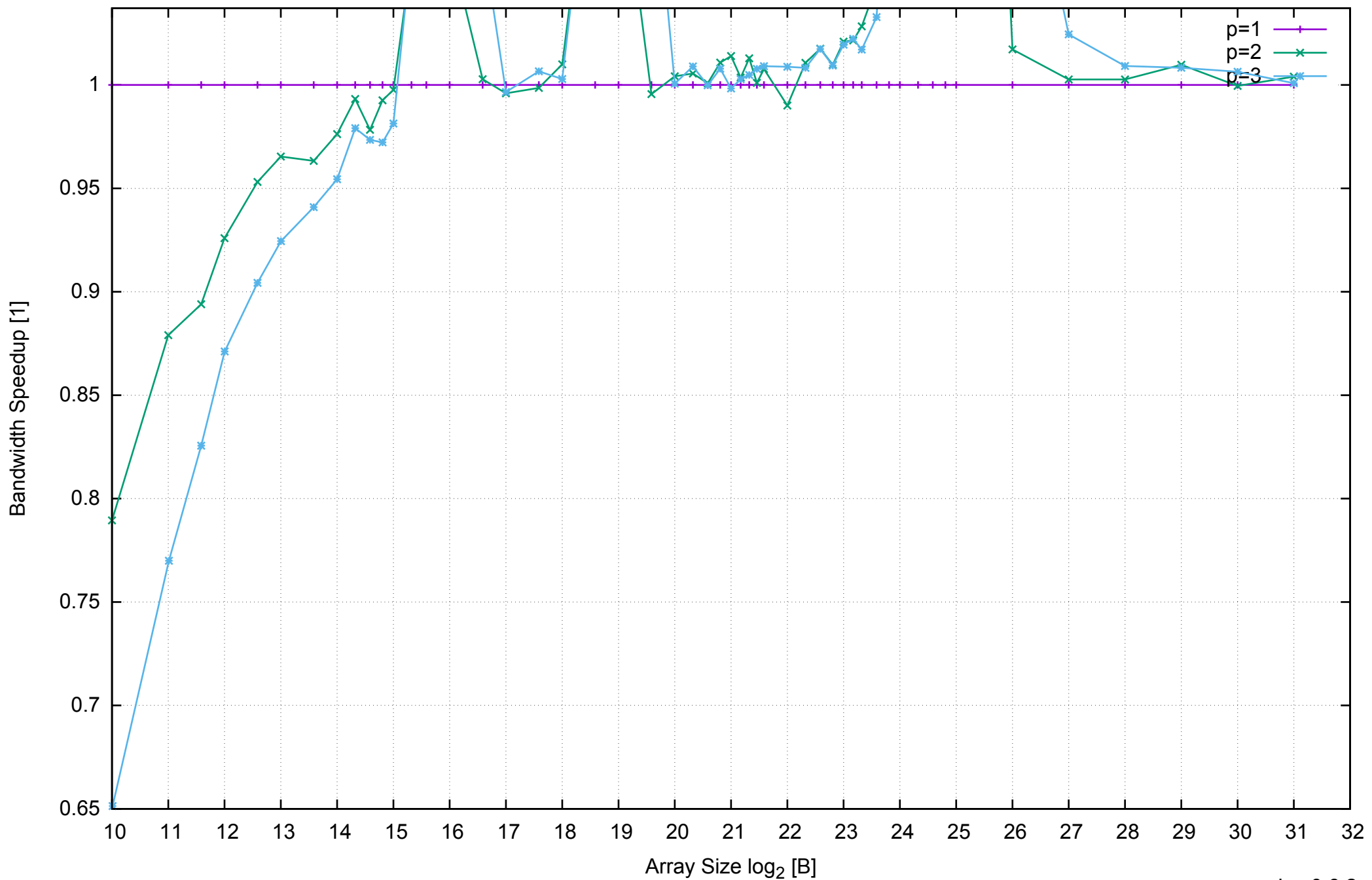
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead64IndexSimpleLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead64IndexSimpleLoop

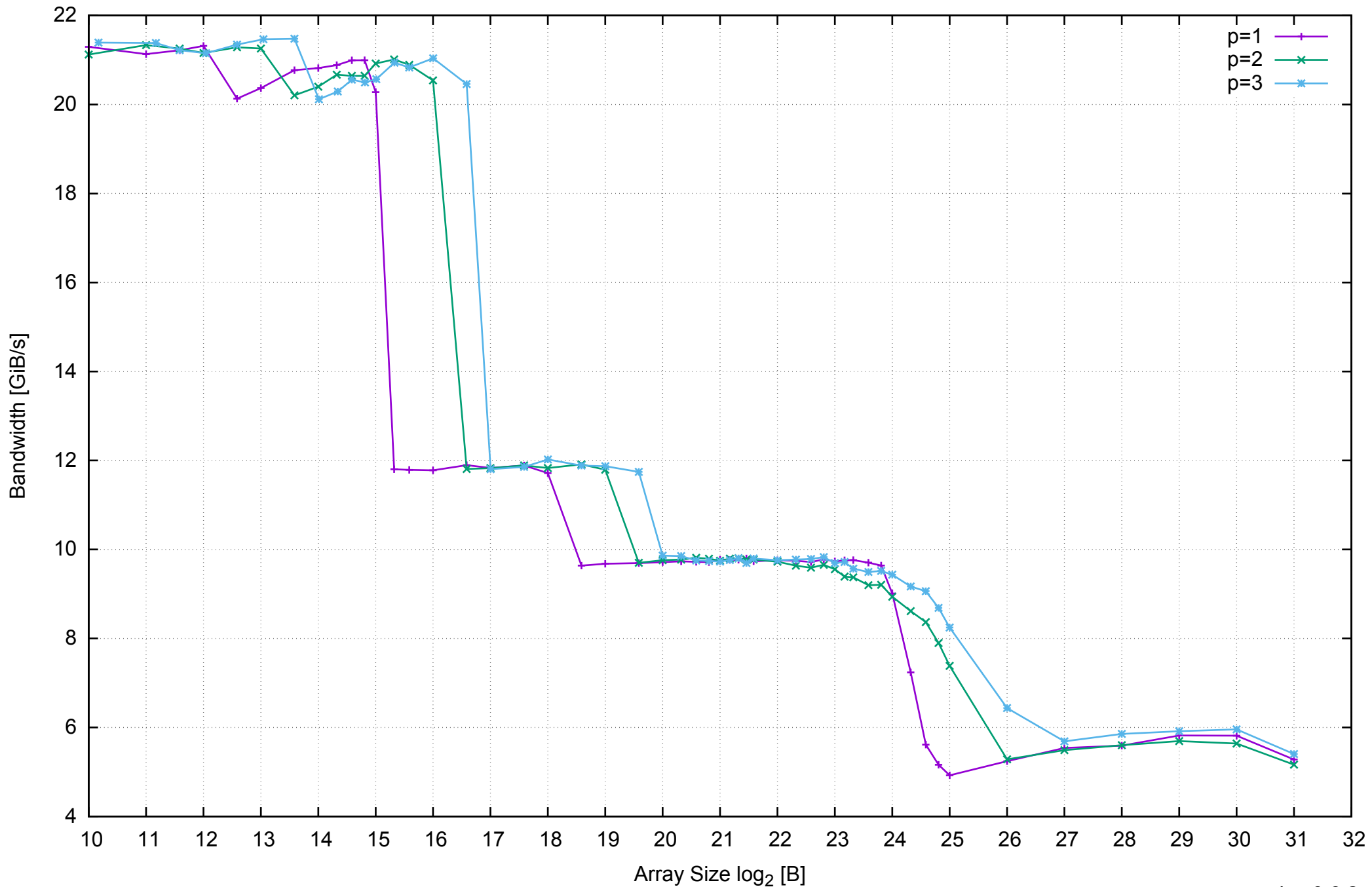




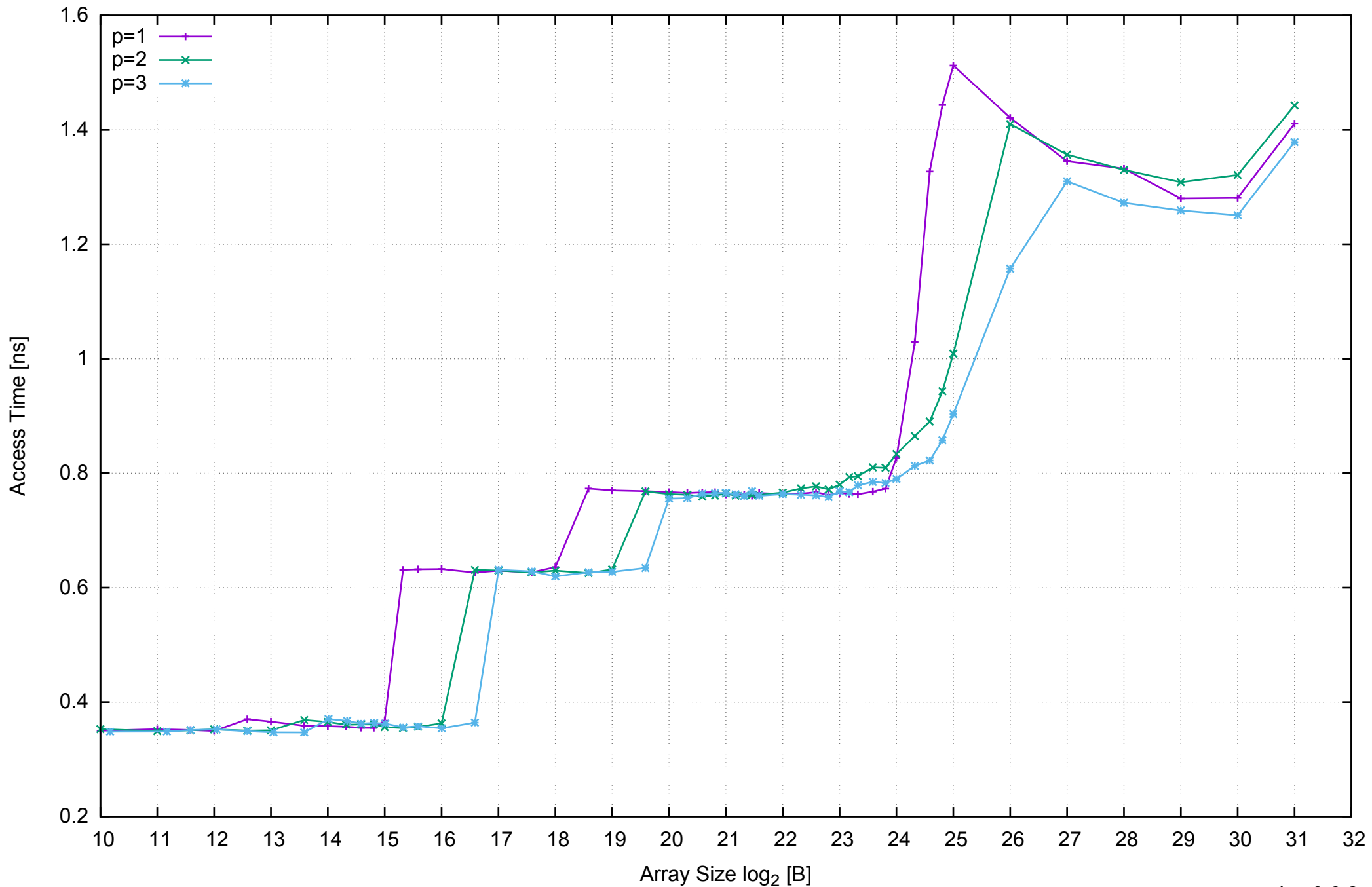




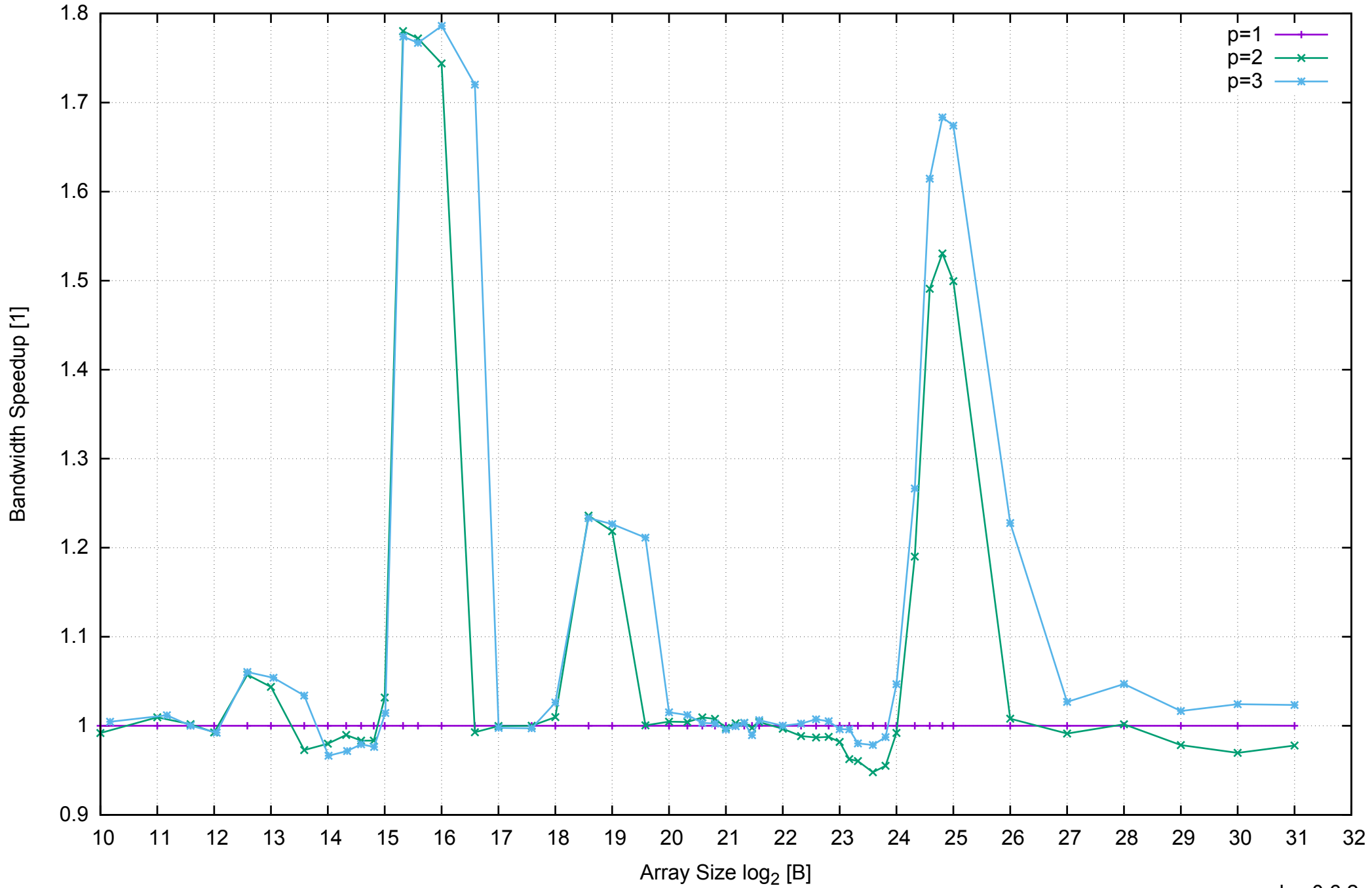
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead64IndexUnrollLoop

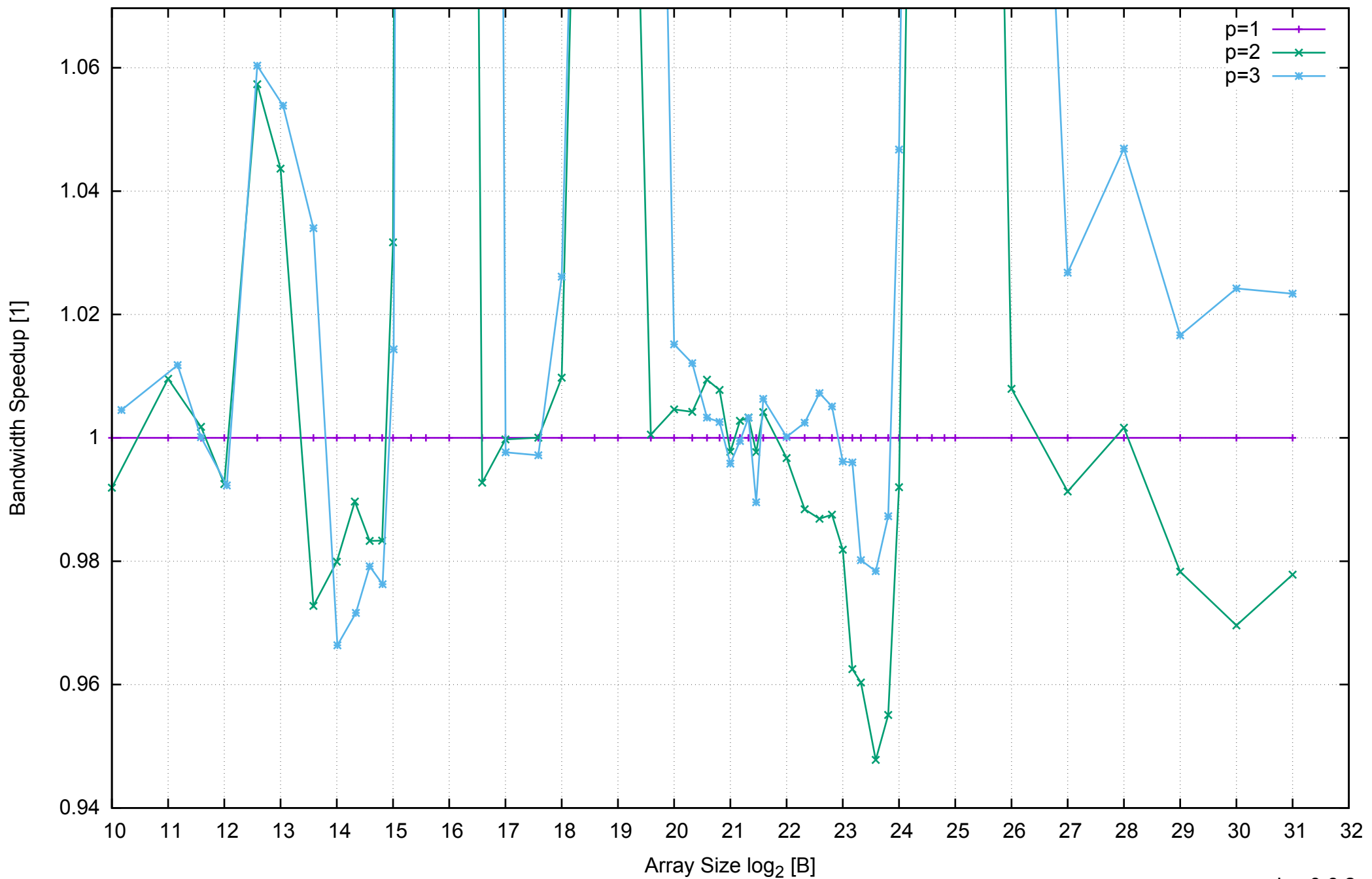


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead64IndexUnrollLoop

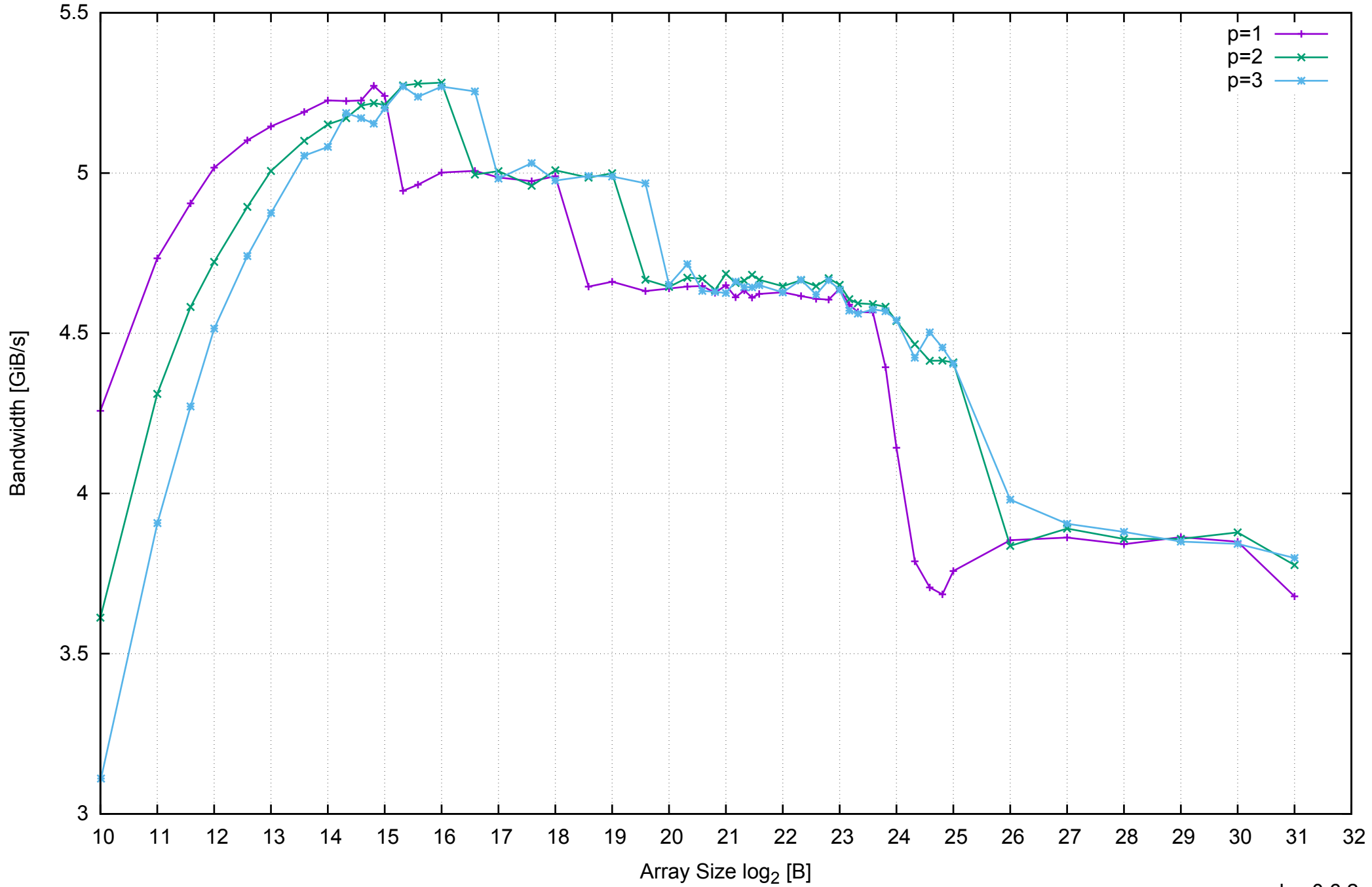


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - ScanRead64IndexUnrollLoop

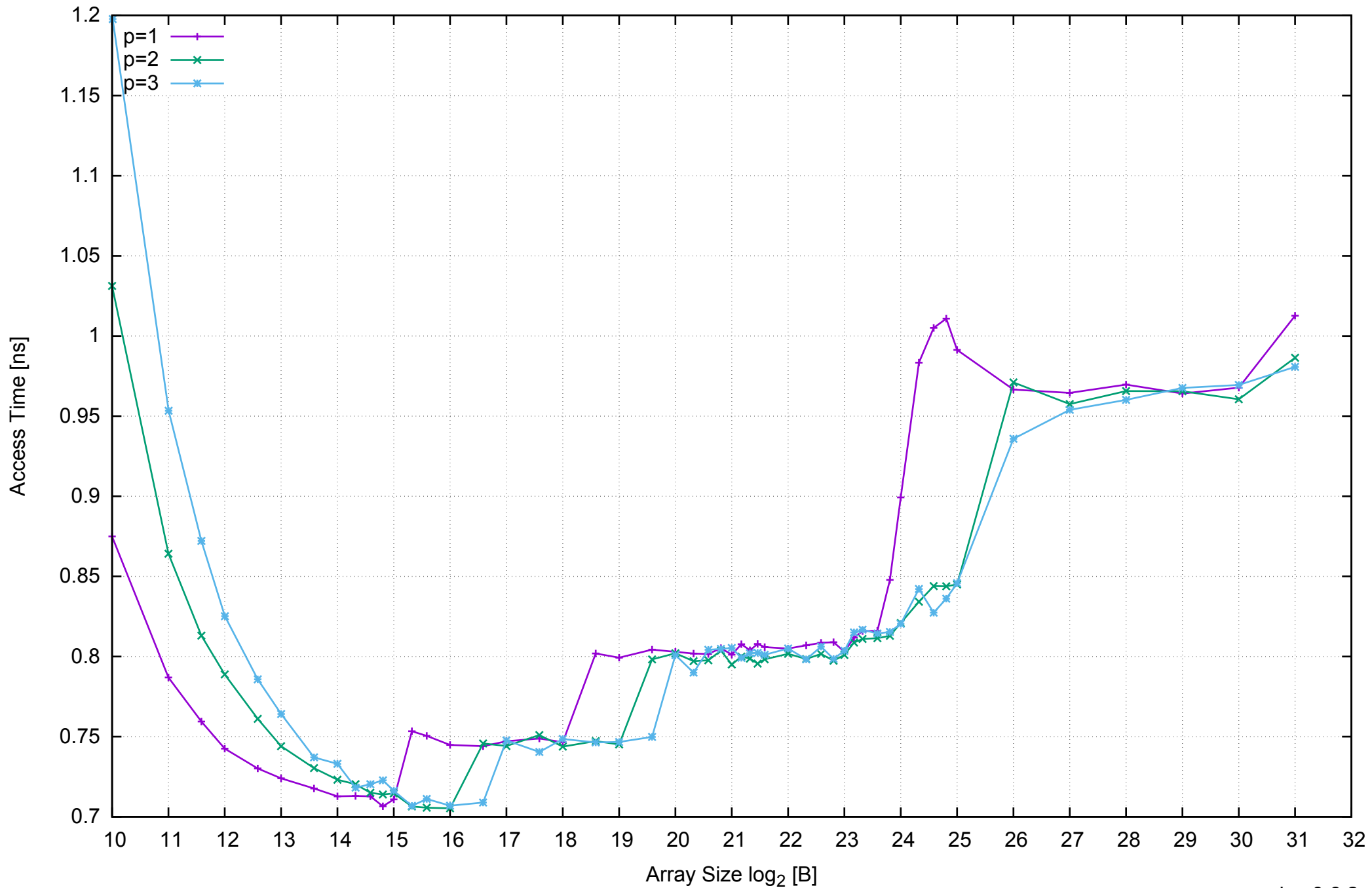




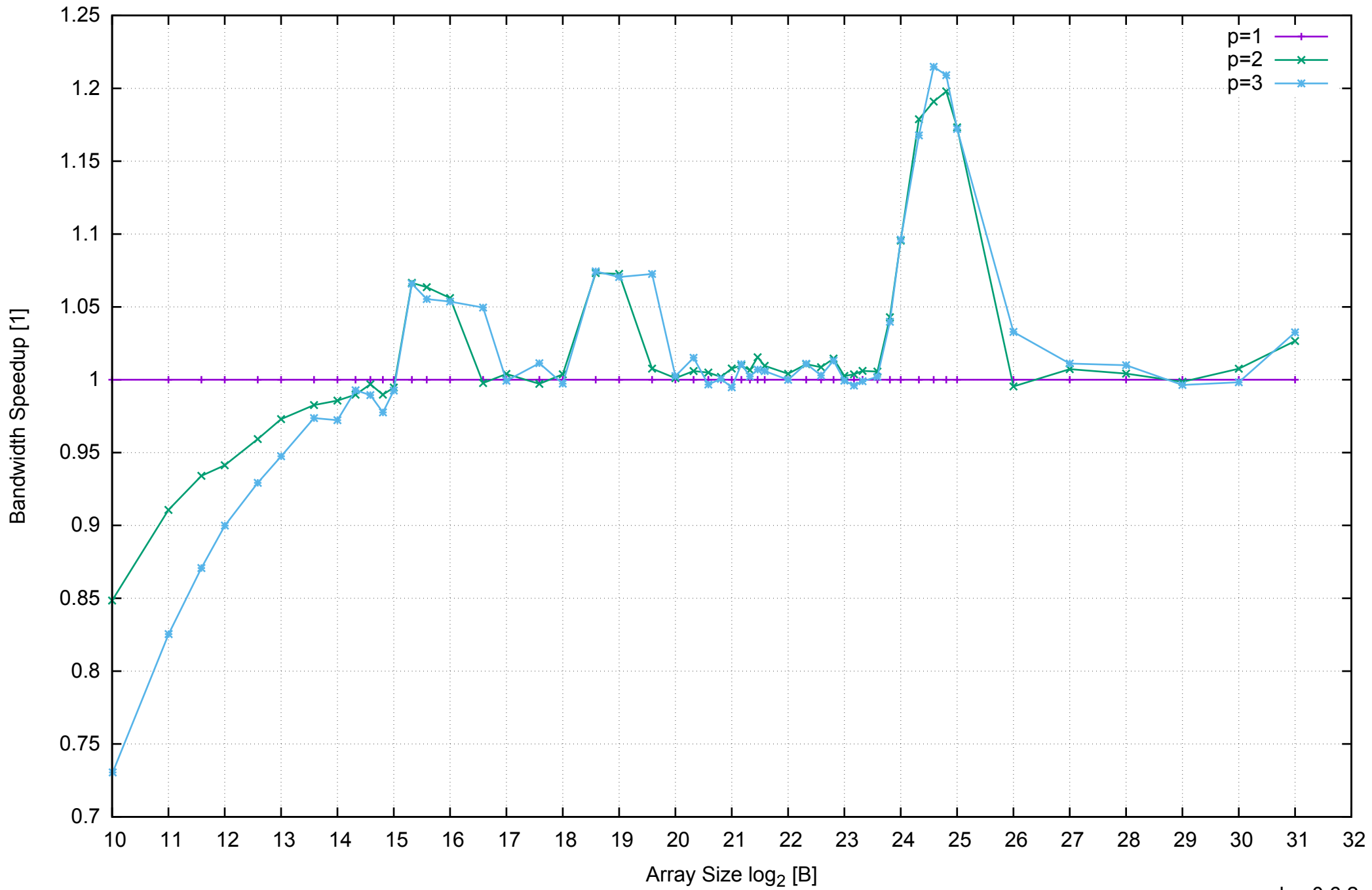
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop

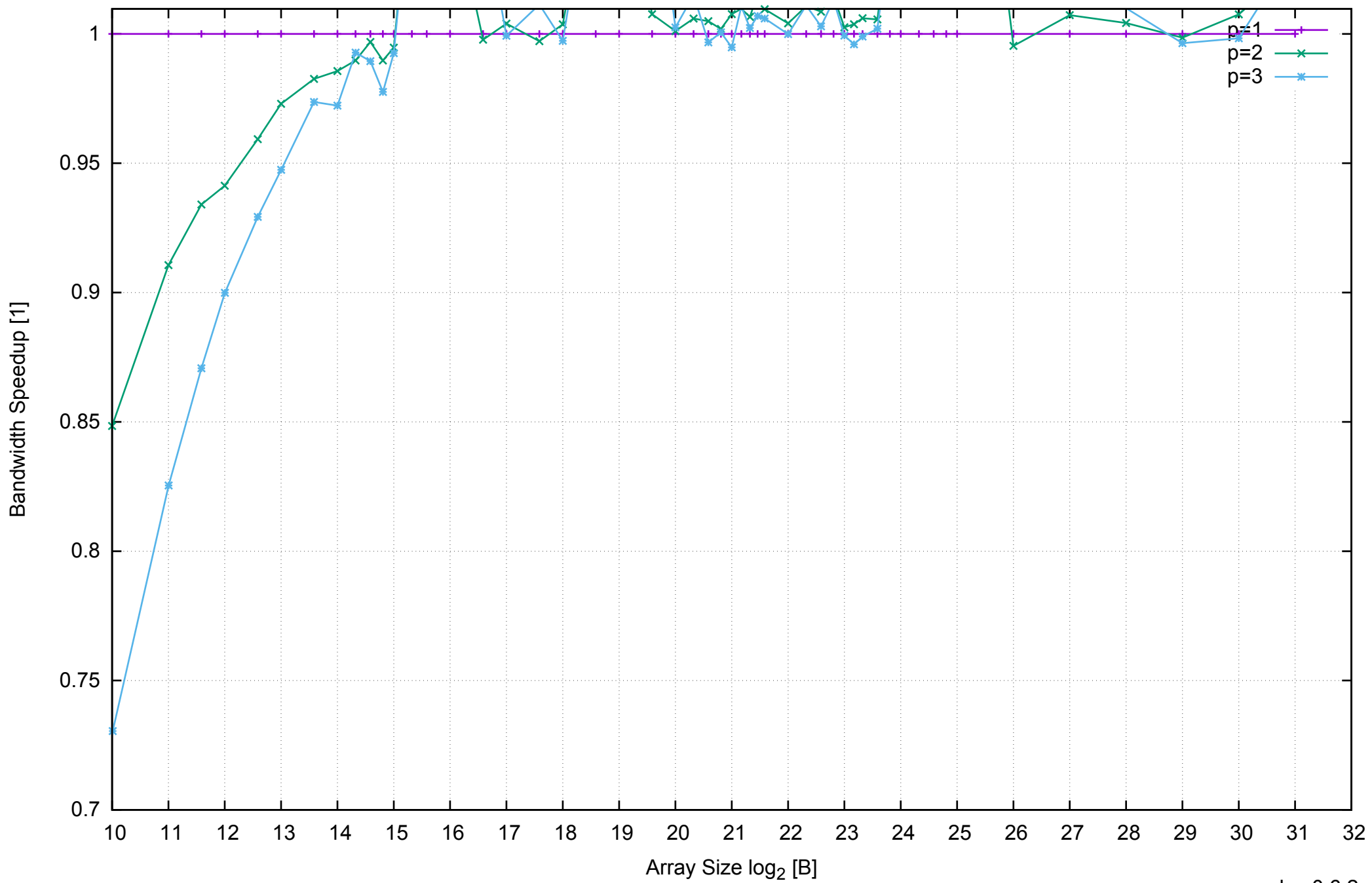


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite32PtrSimpleLoop



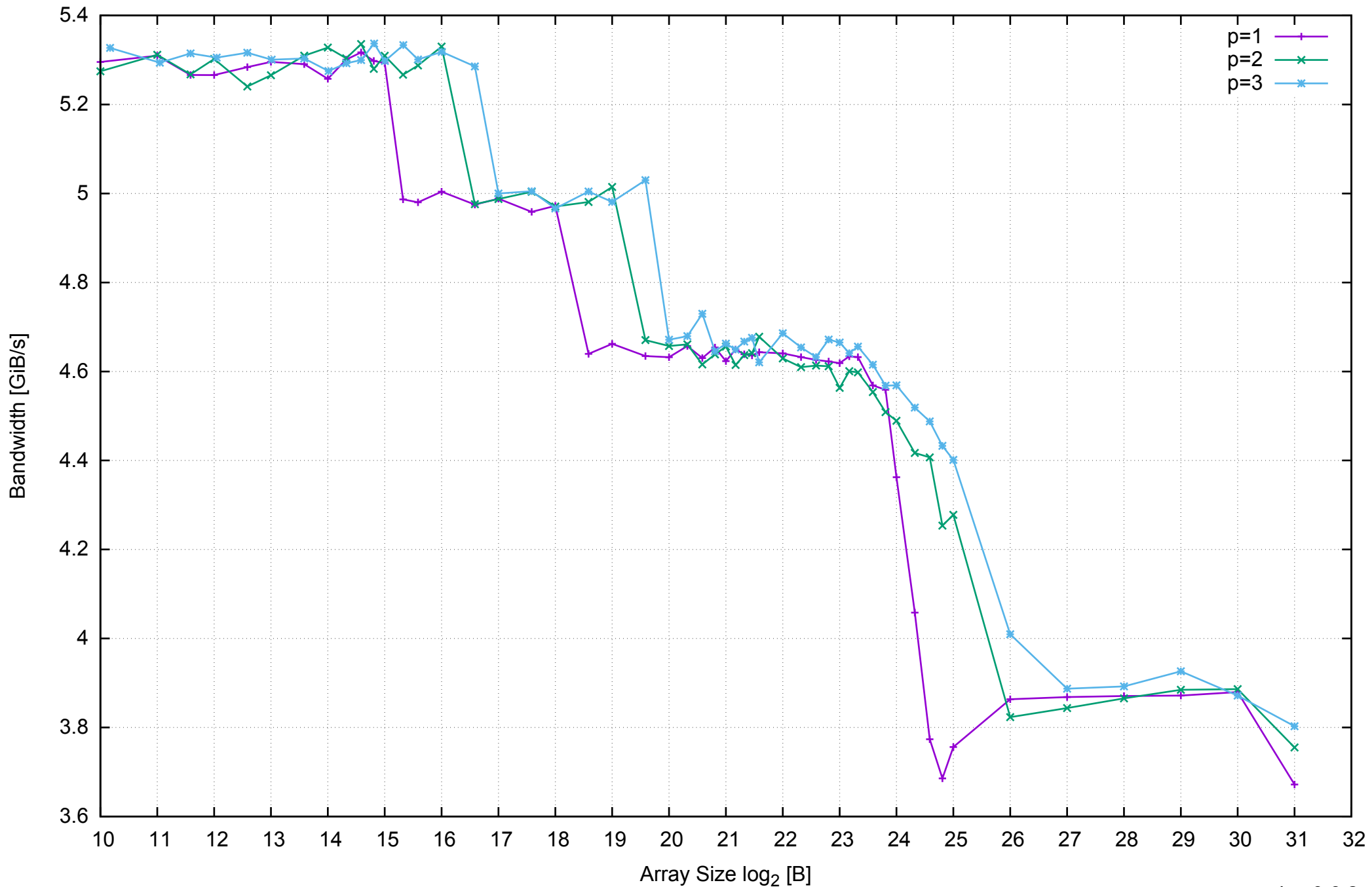
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



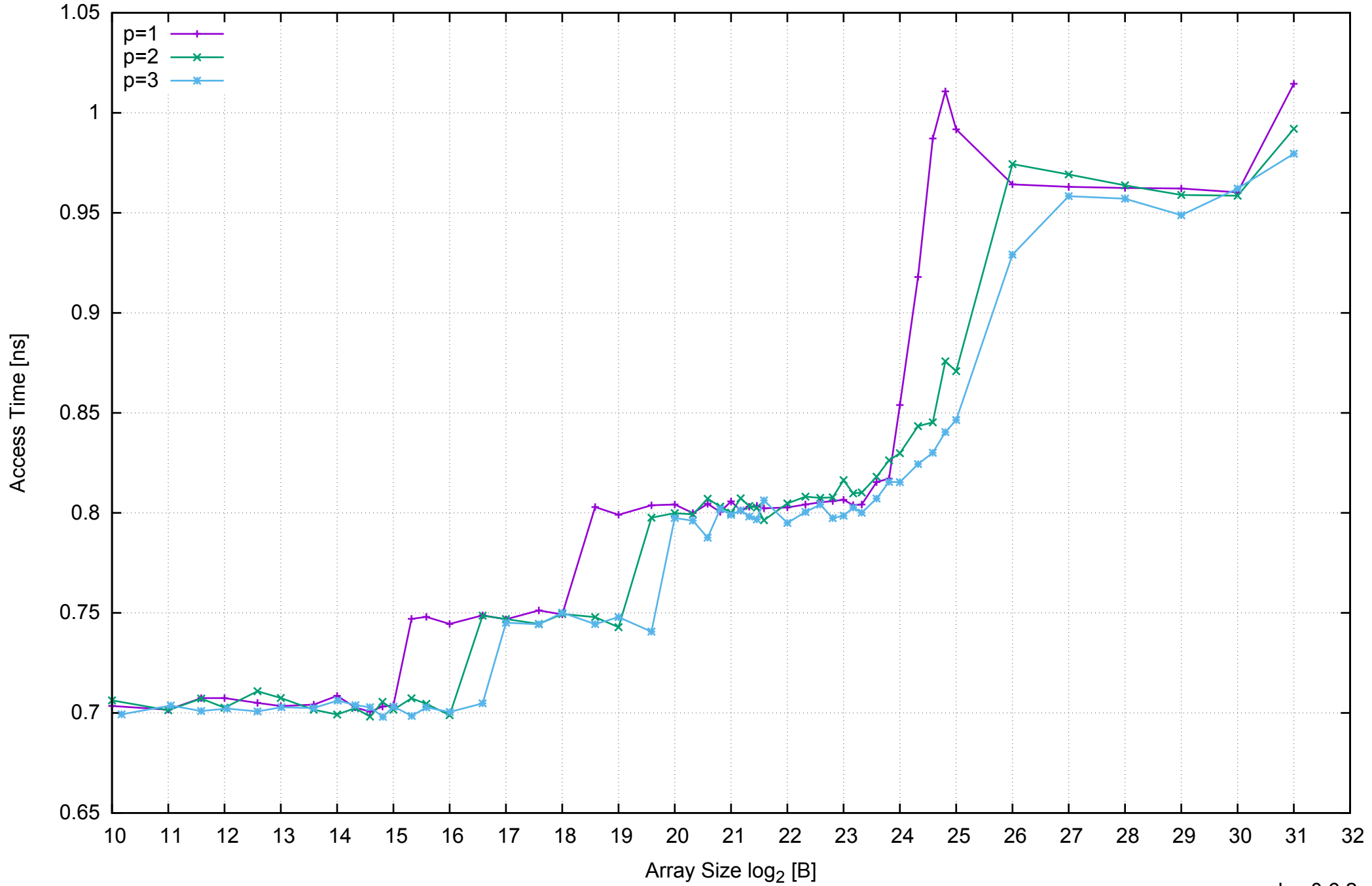




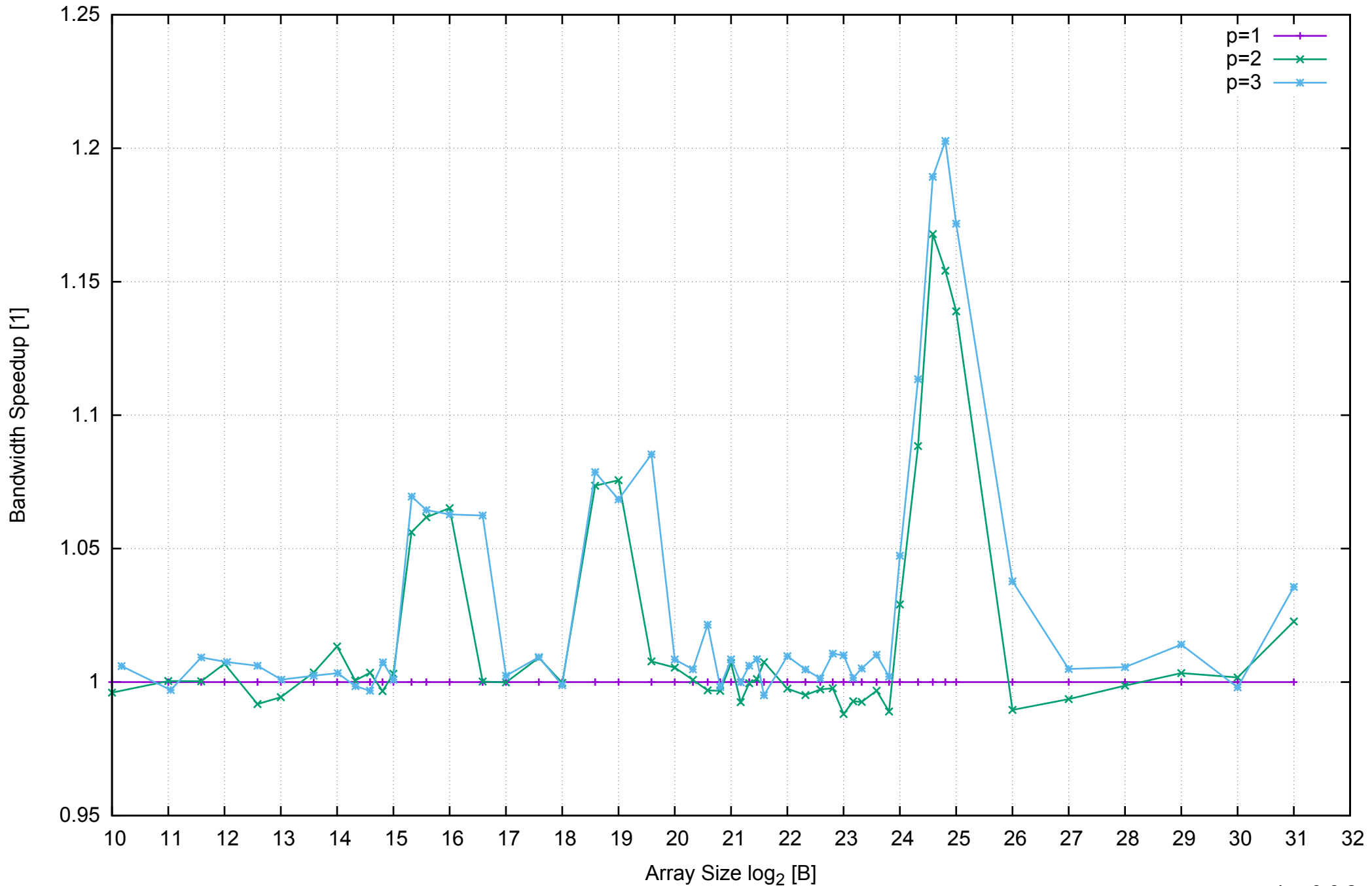
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop

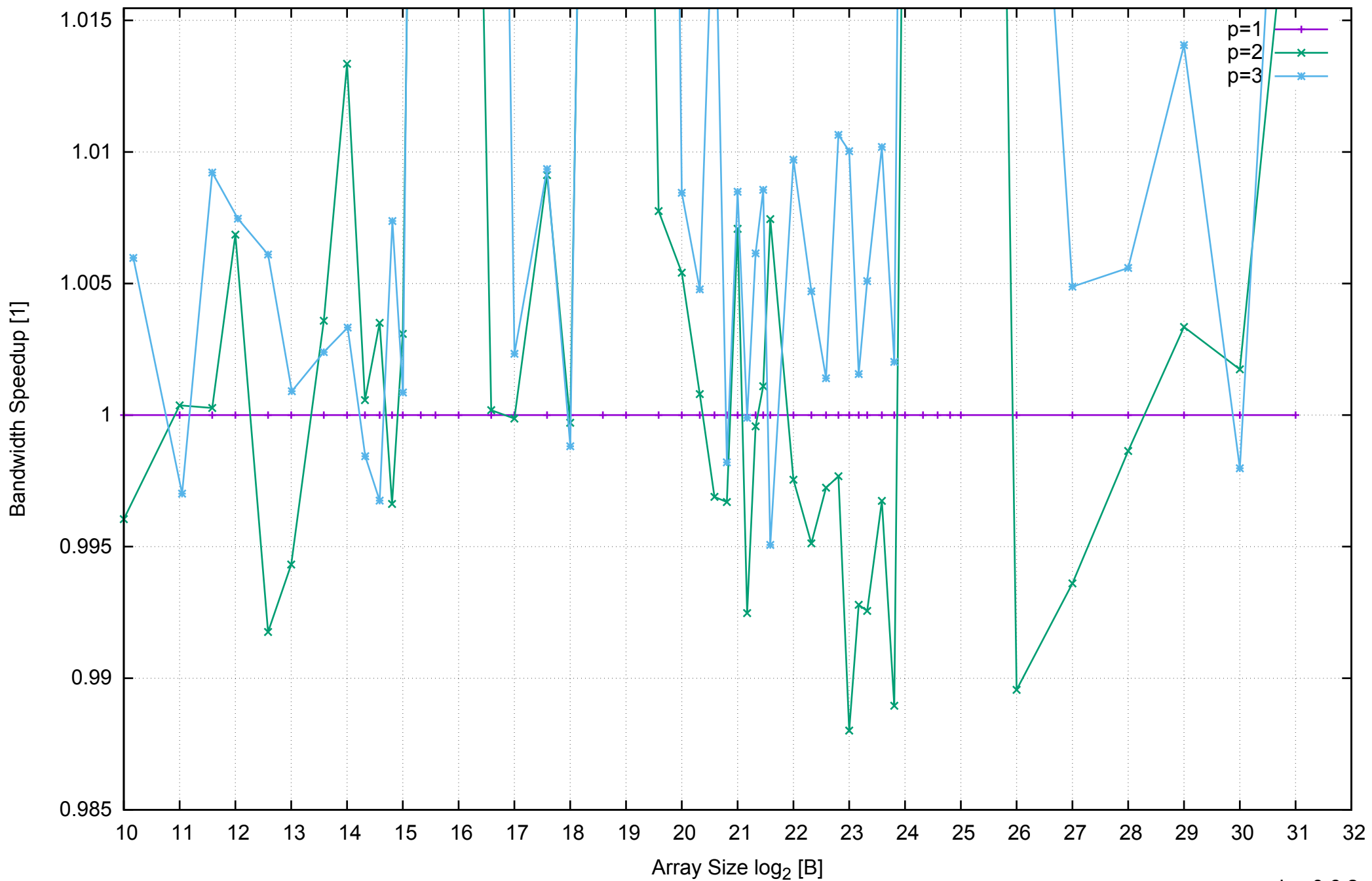


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanWrite32PtrUnrollLoop

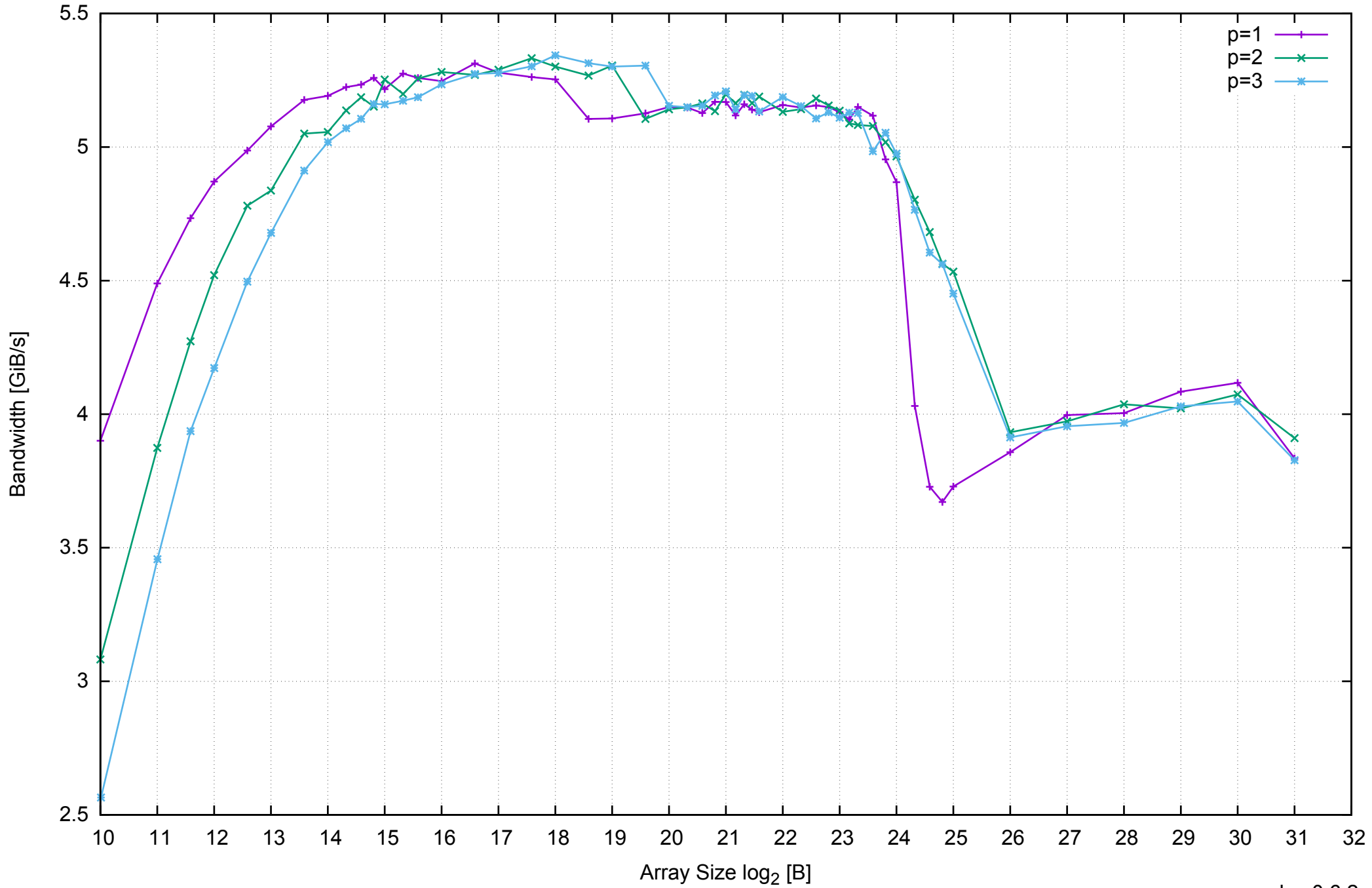


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop

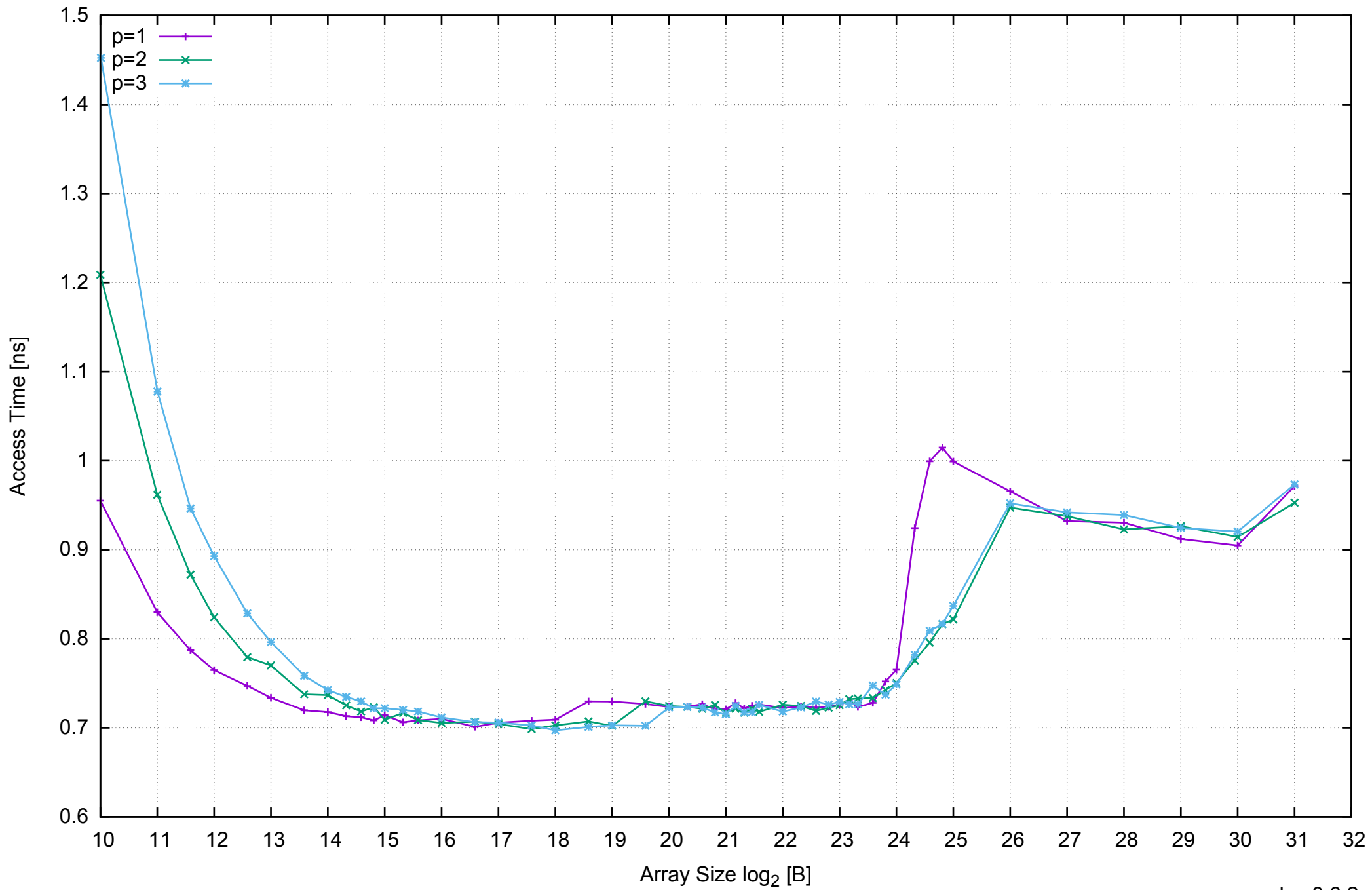


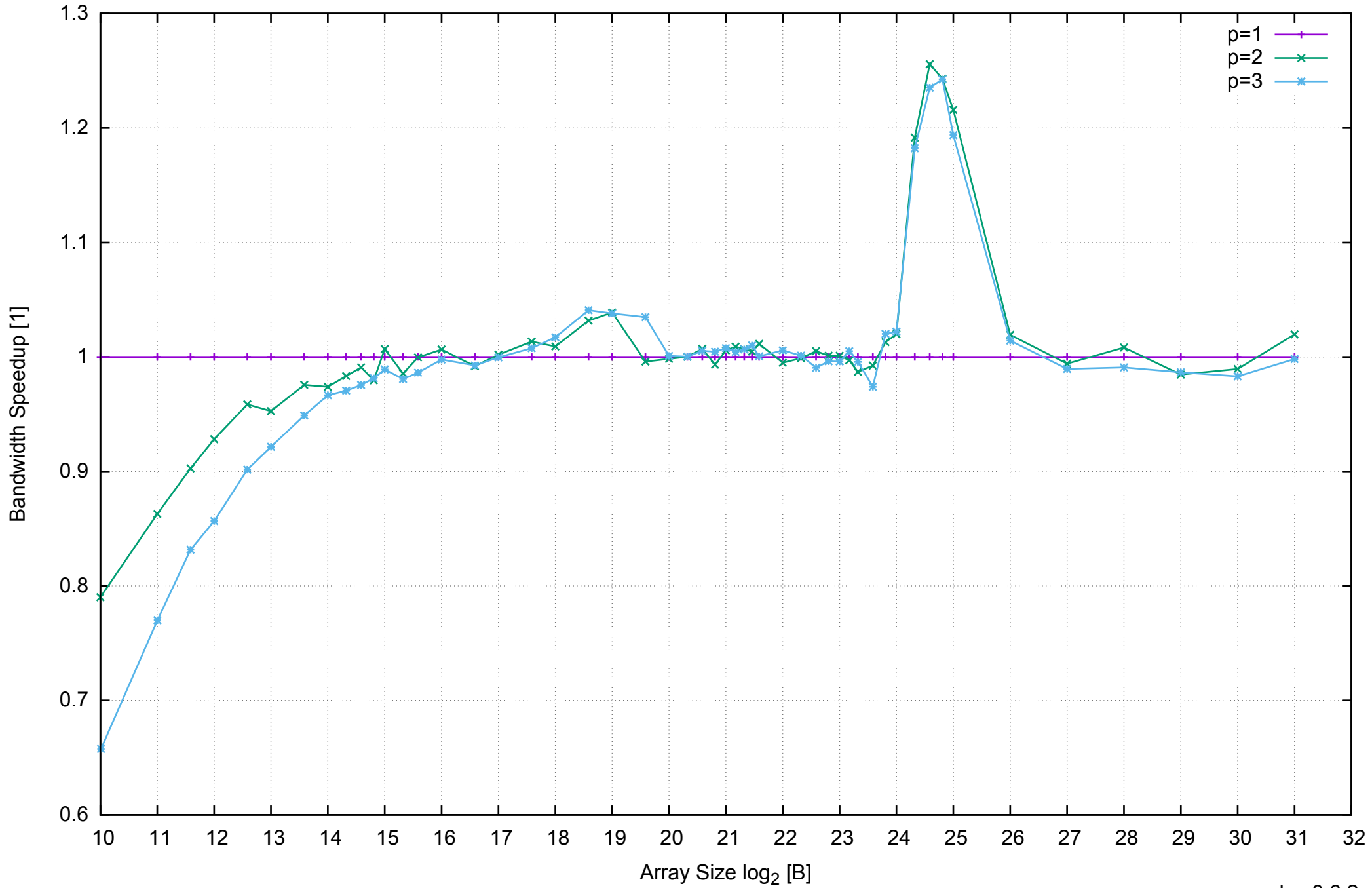


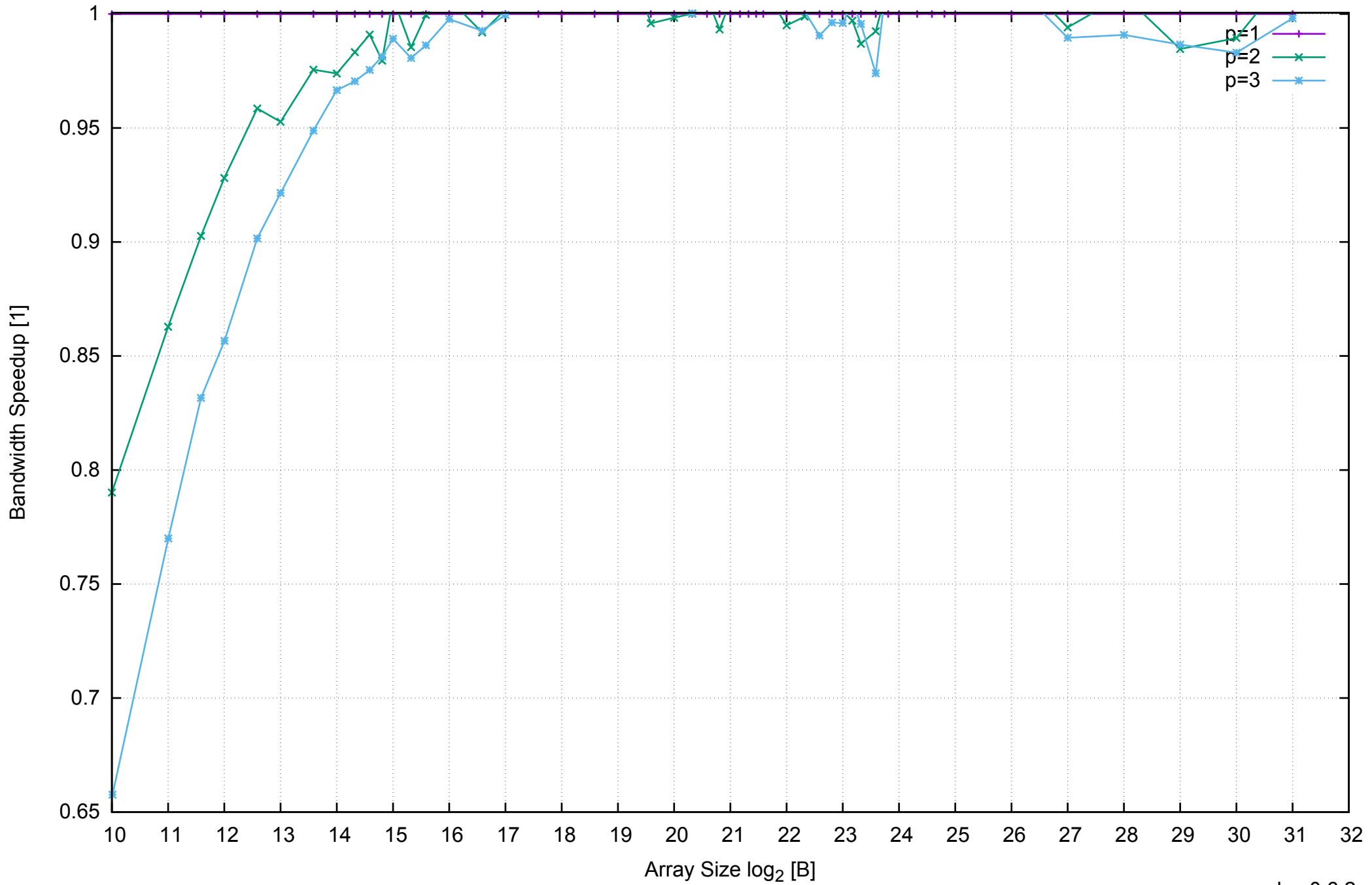
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead32PtrSimpleLoop

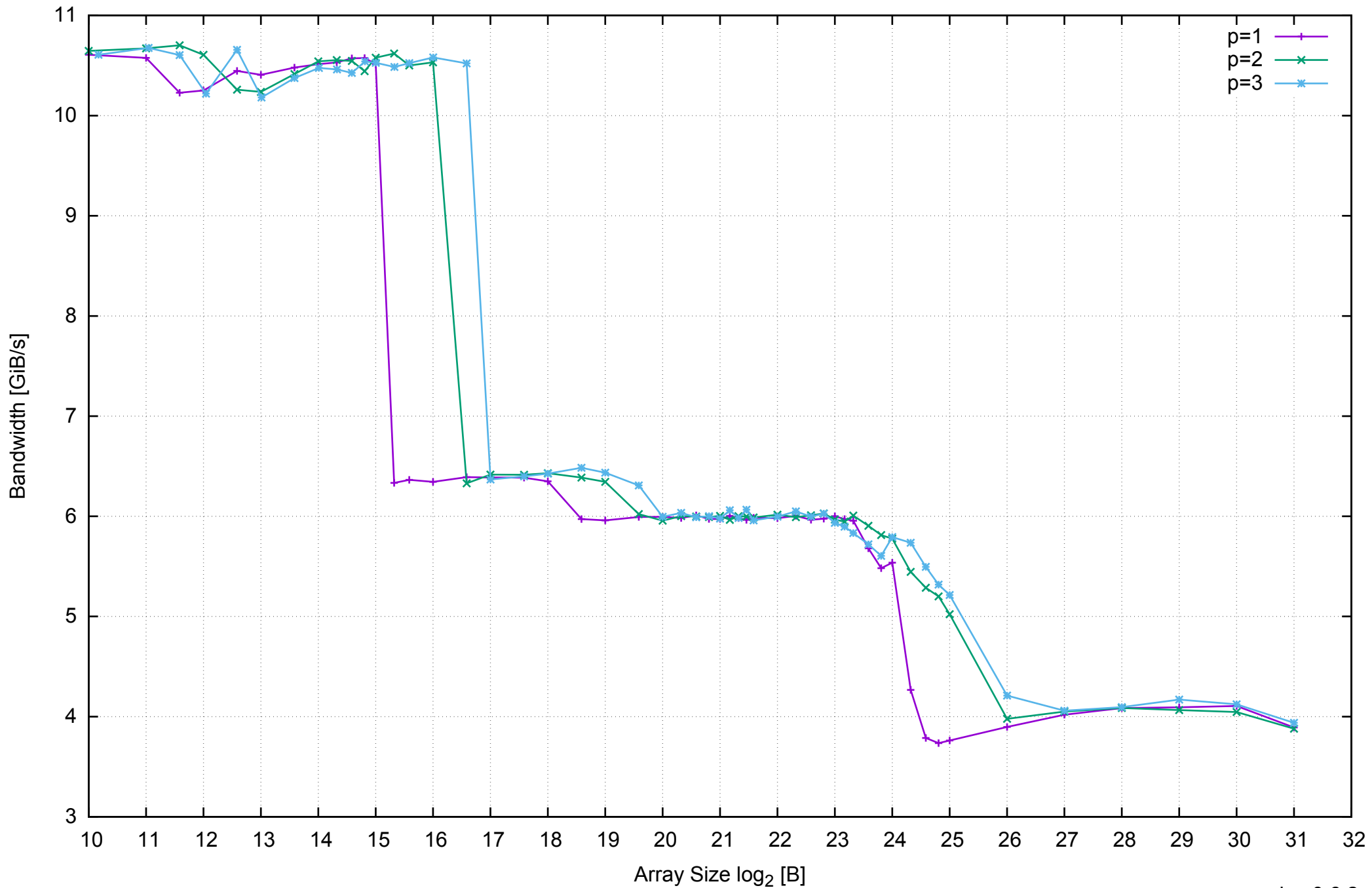




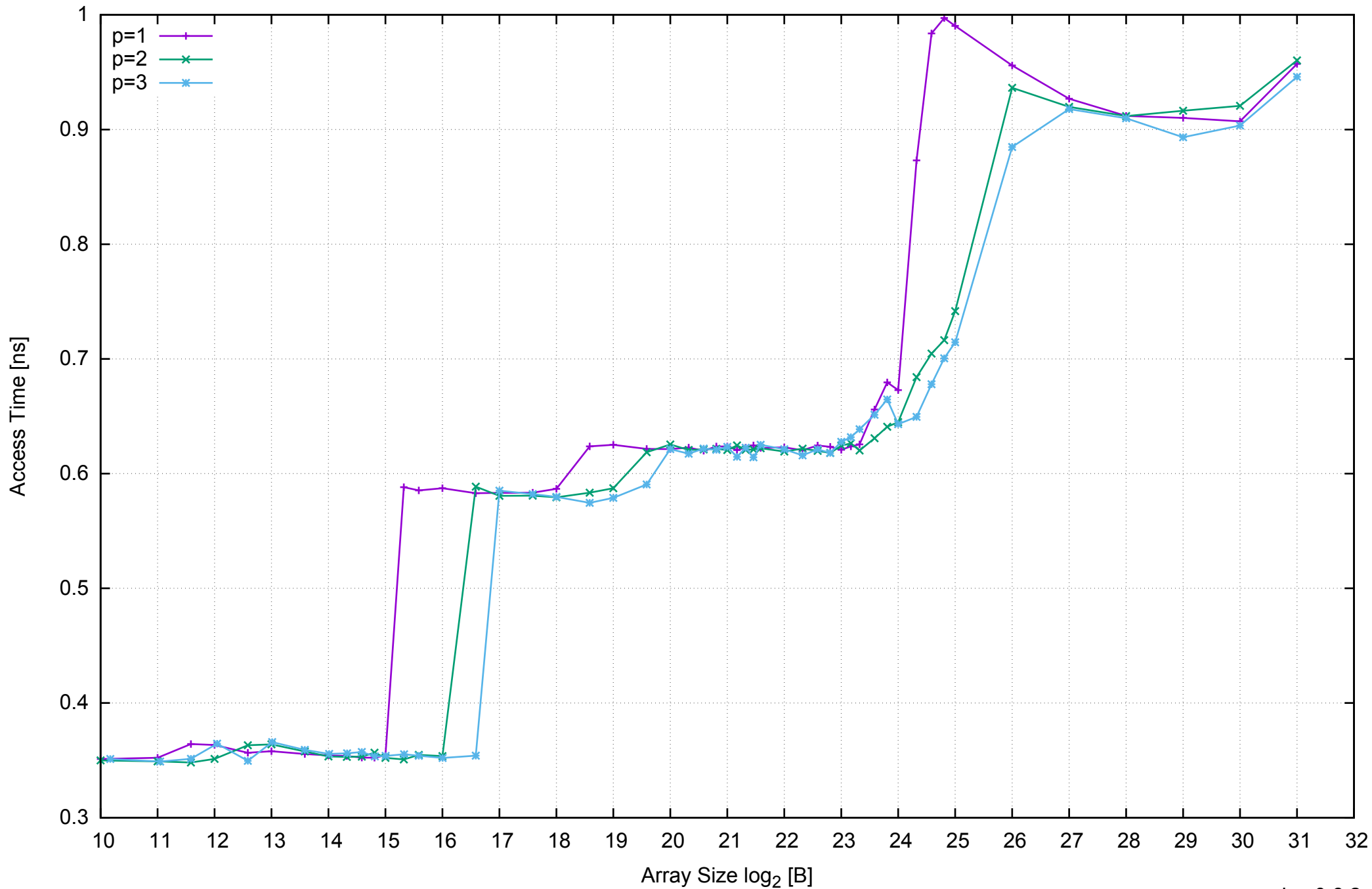




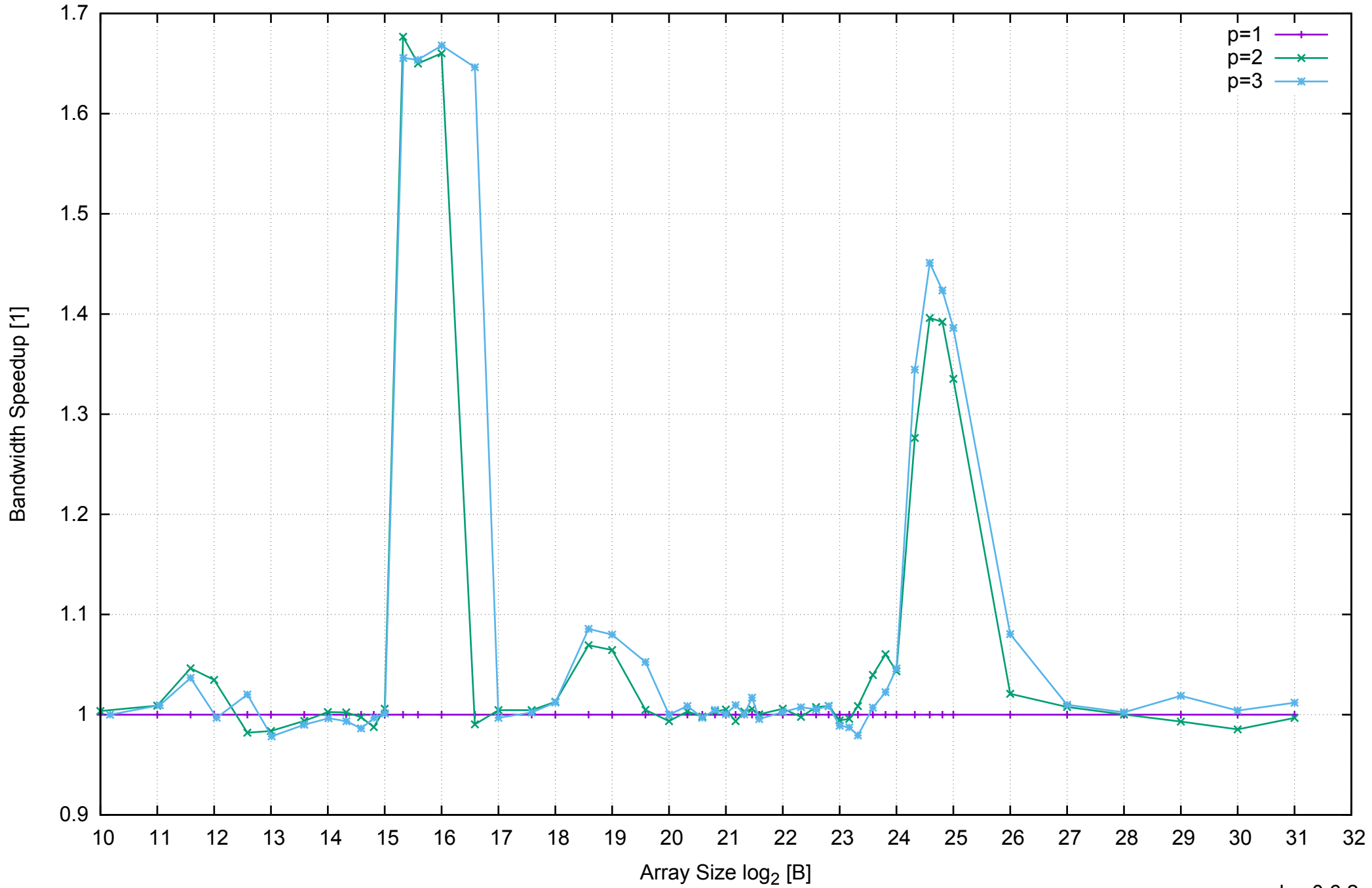
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop

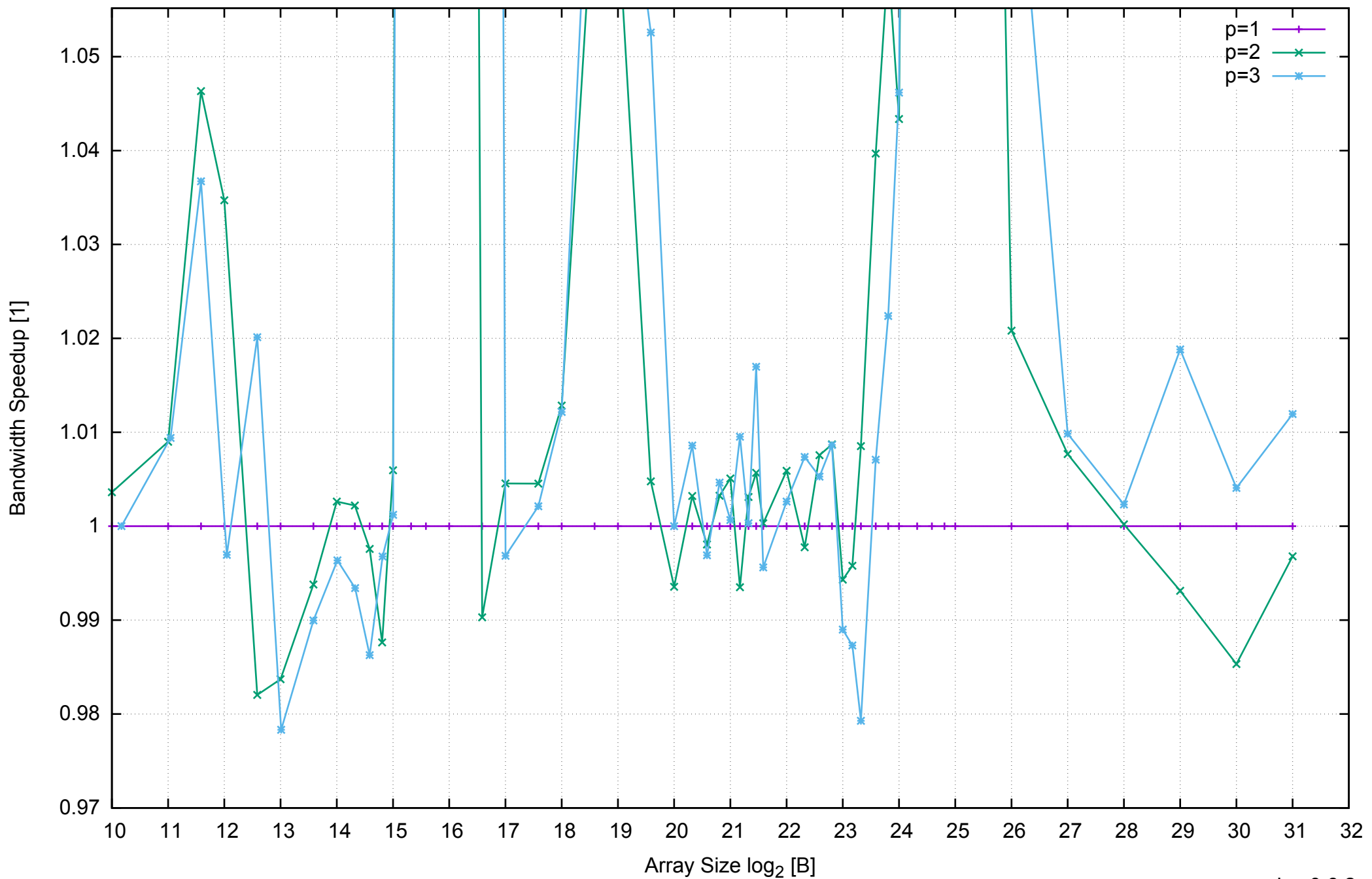


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - ScanRead32PtrUnrollLoop

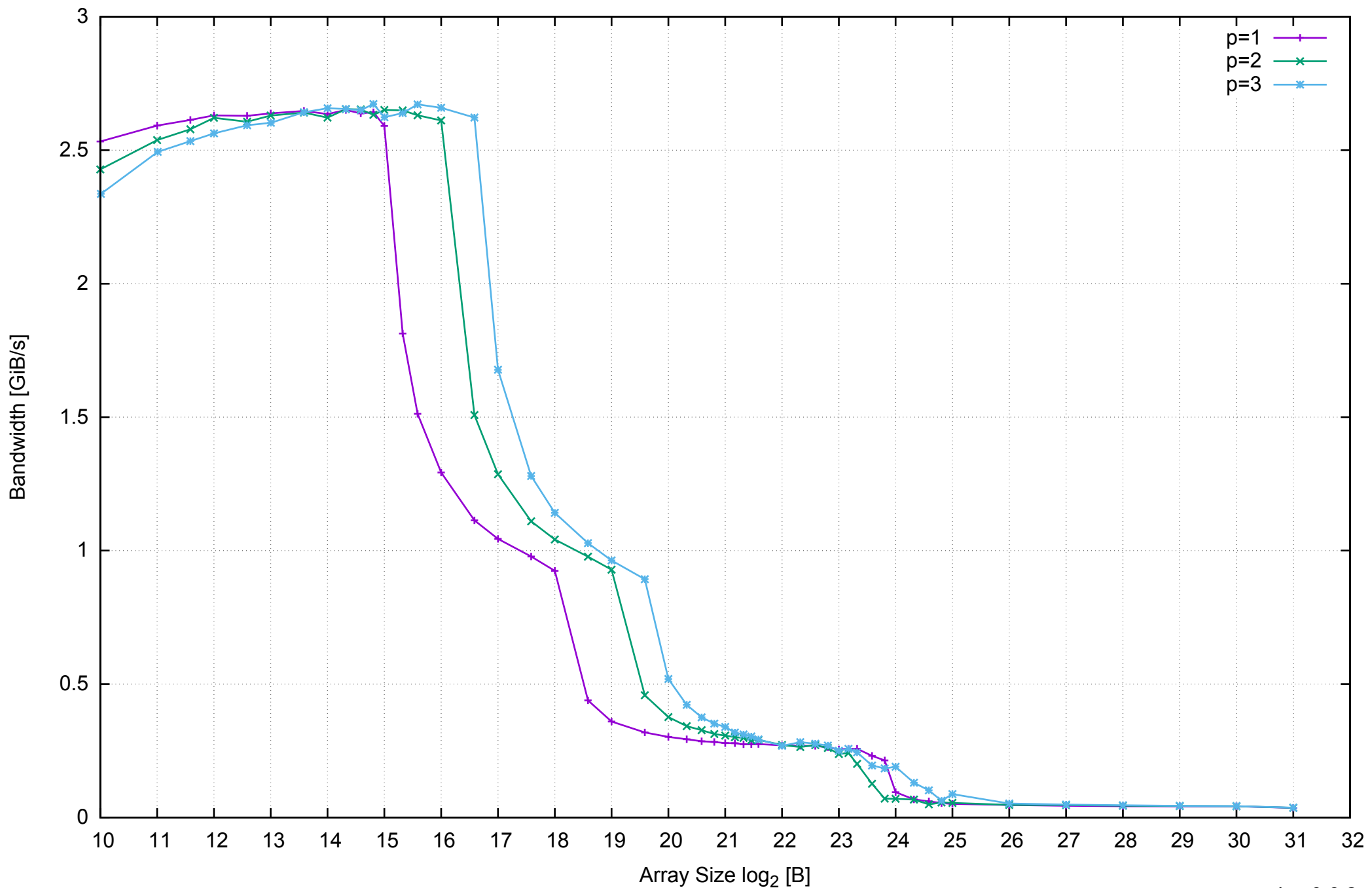


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop

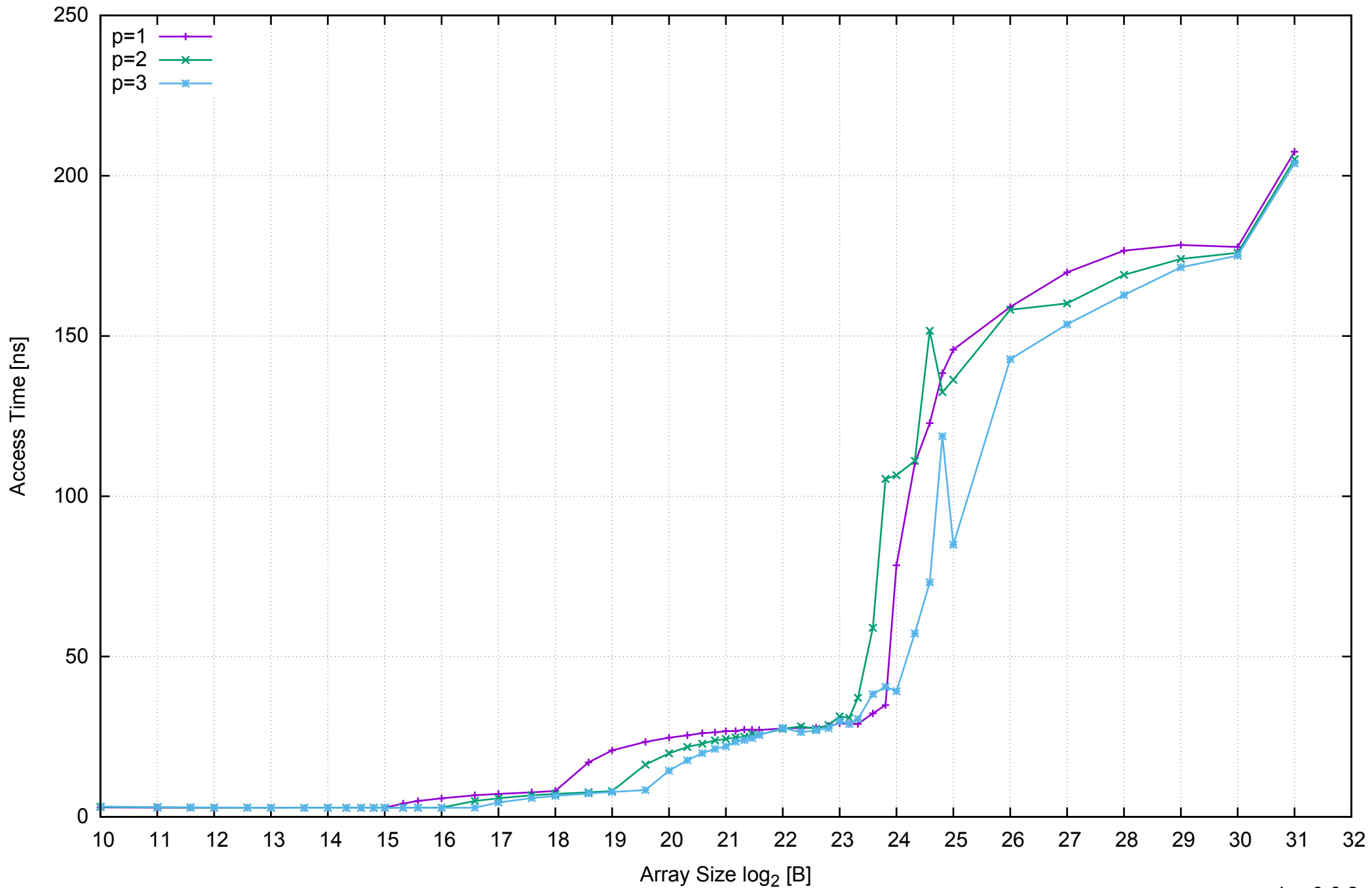




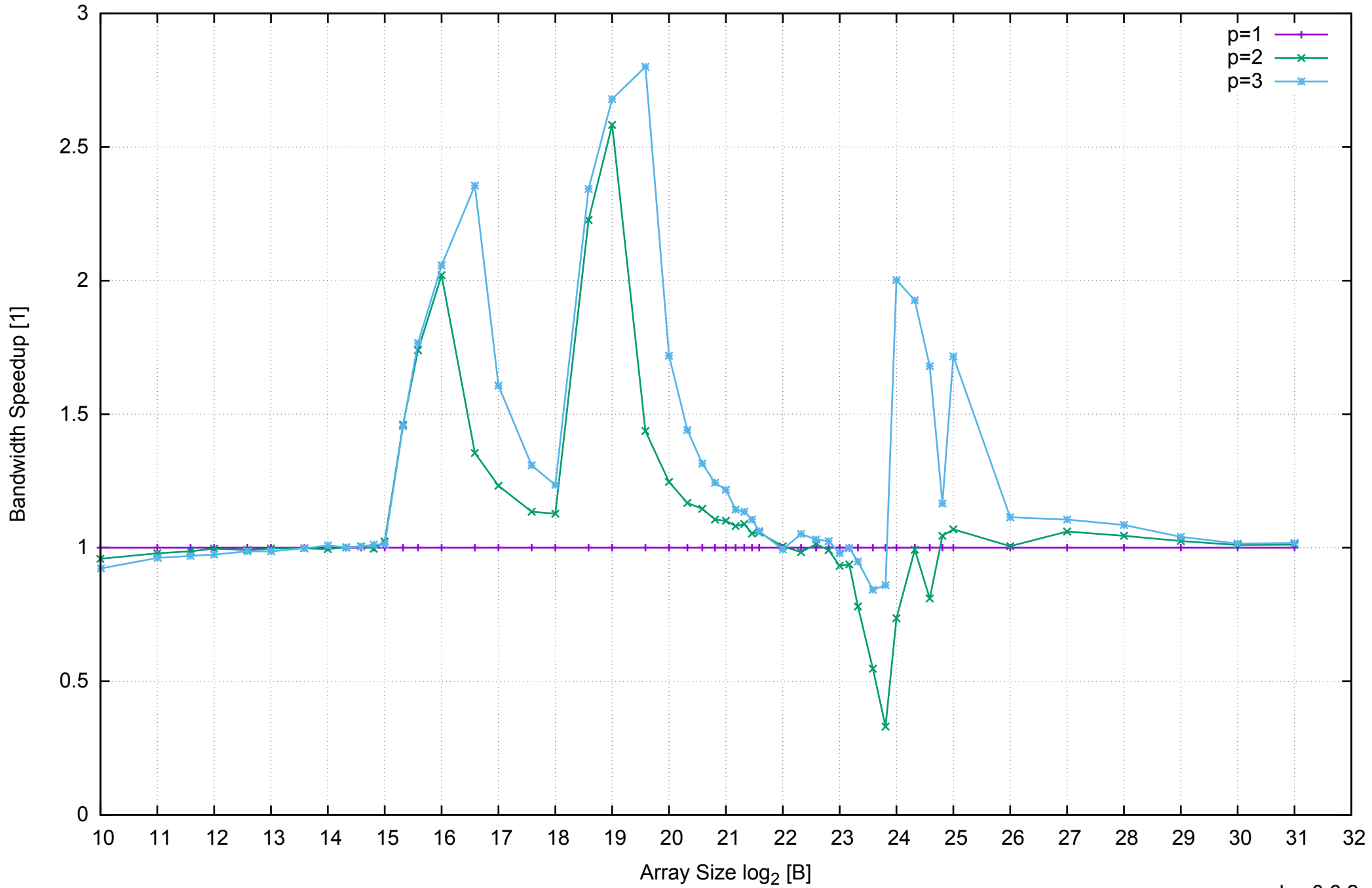
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - PermRead64SimpleLoop

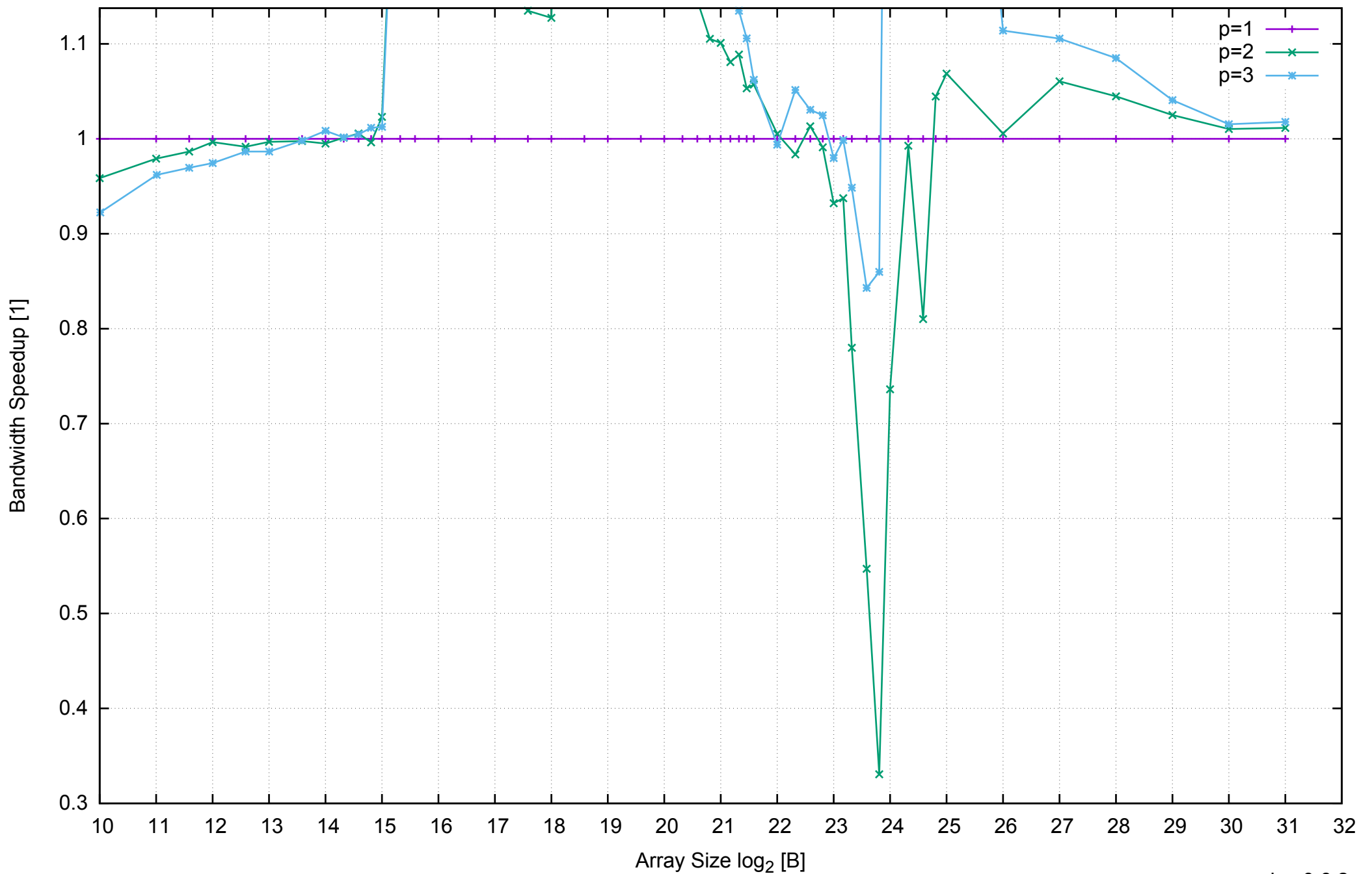


AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - PermRead64SimpleLoop



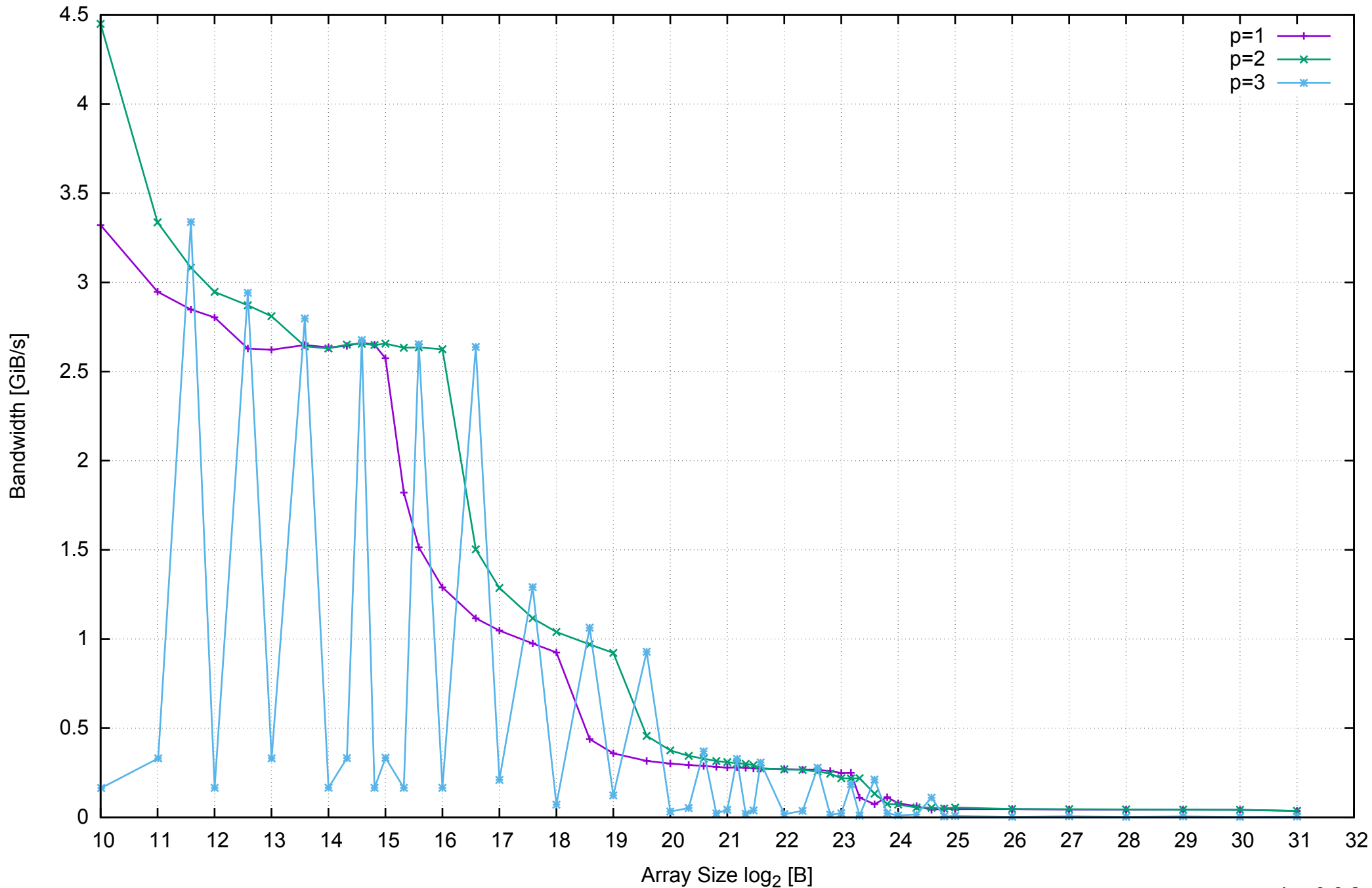
AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - PermRead64SimpleLoop



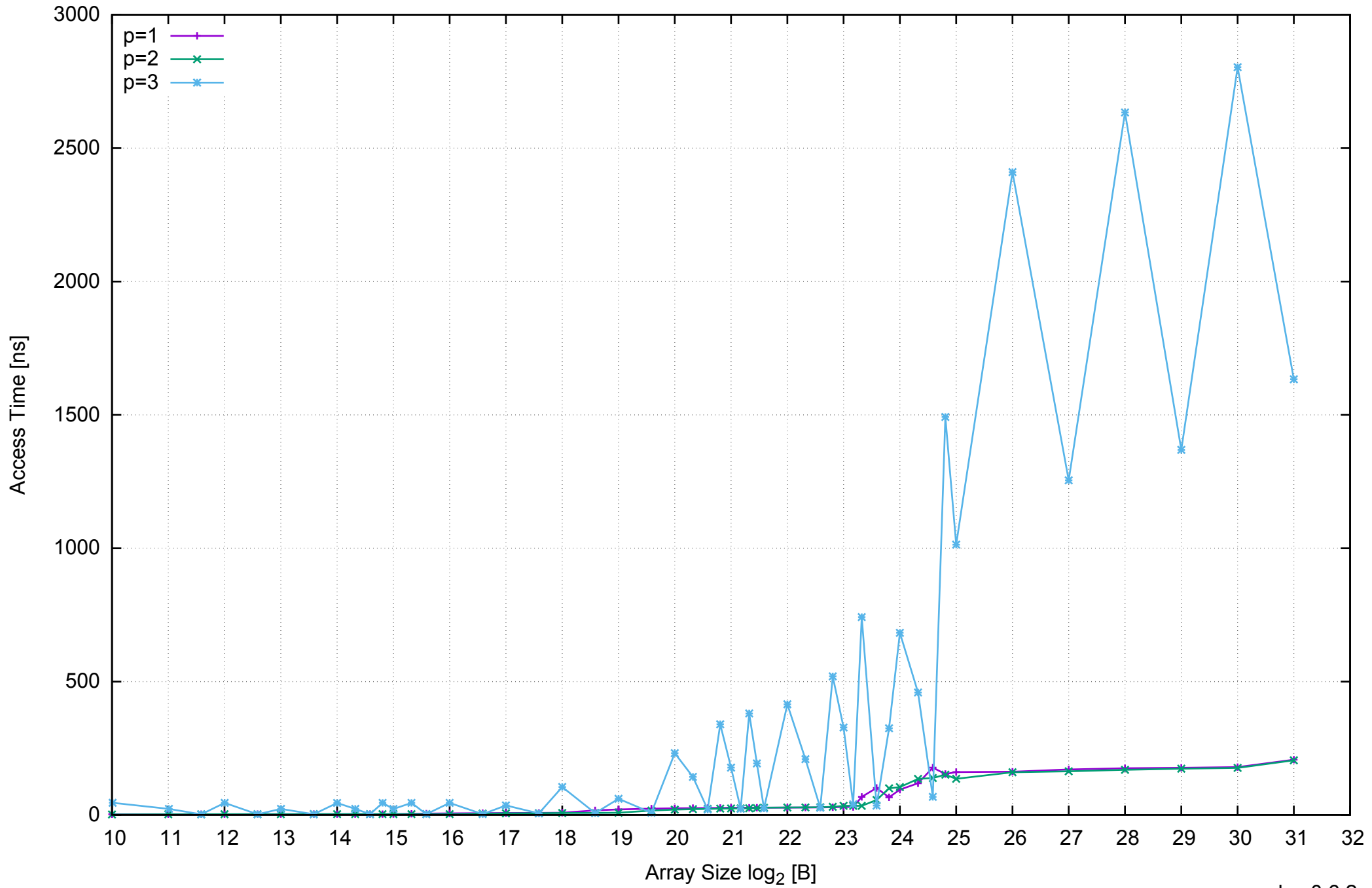




AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Bandwidth - PermRead64UnrollLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Parallel Memory Access Time - PermRead64UnrollLoop



AWS m3.medium - Intel Xeon E5-2670 v2, 2.50 GHz 3.75GB - Speedup of Parallel Memory Bandwidth - PermRead64UnrollLoop

