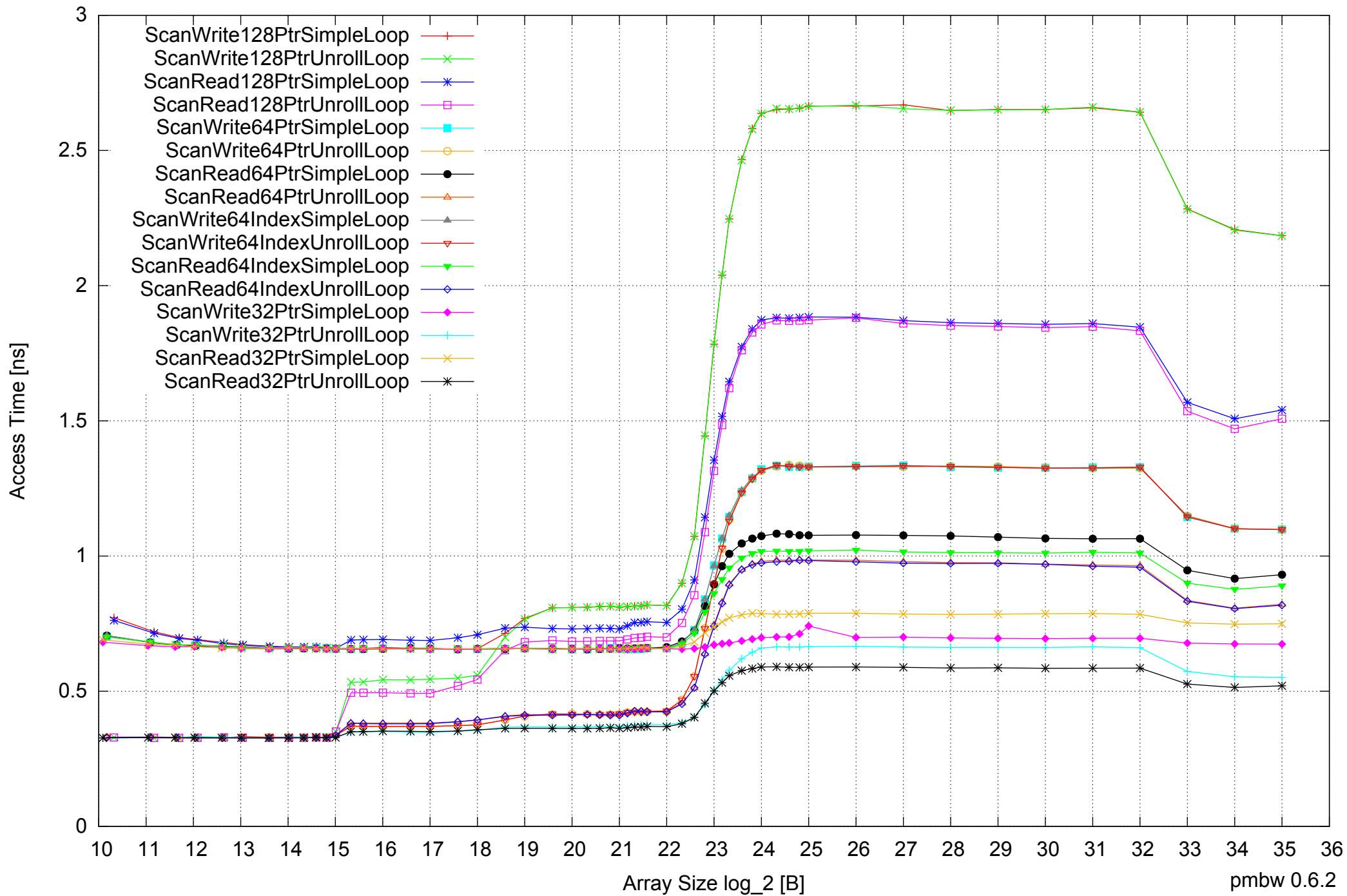


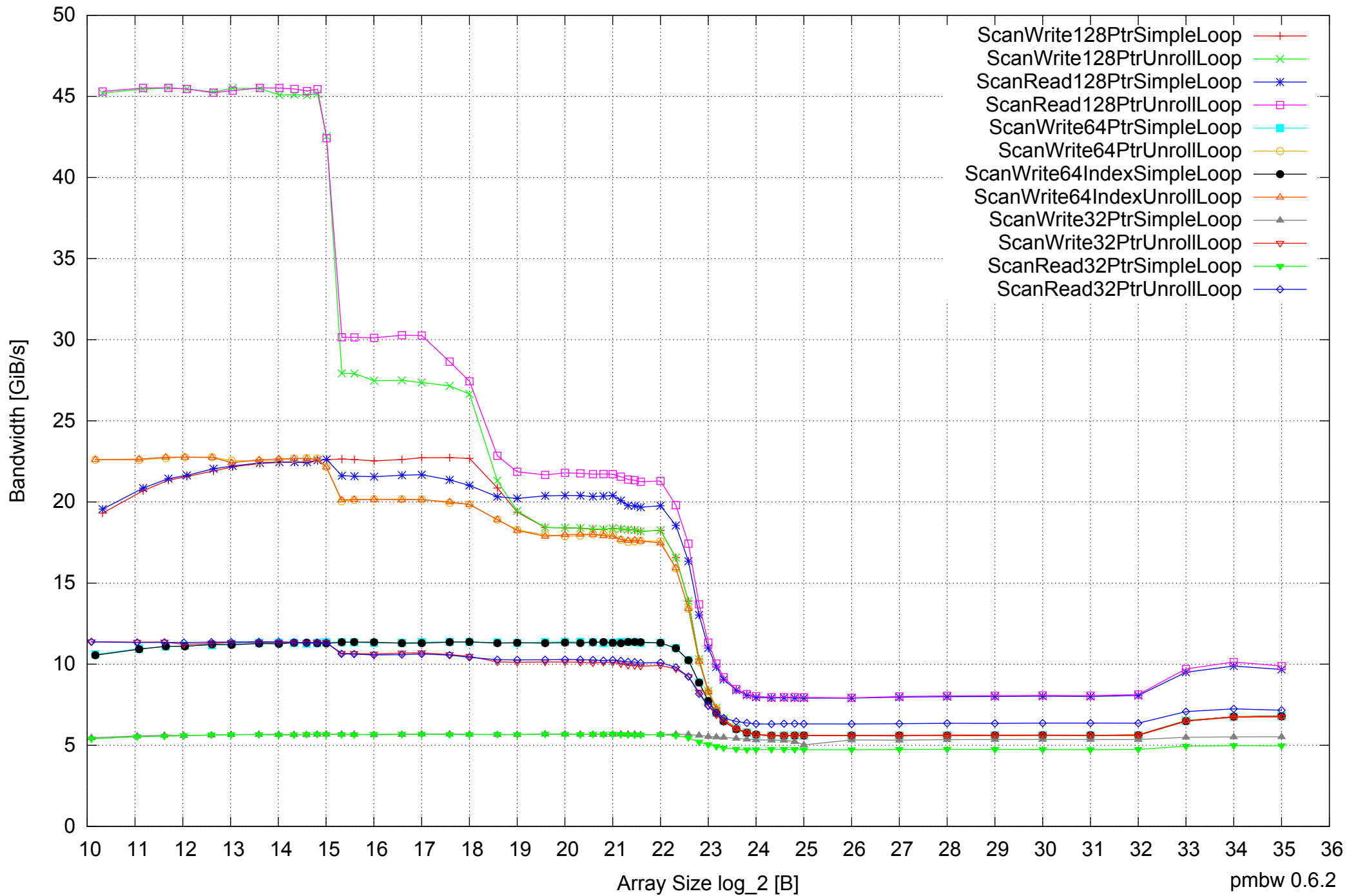




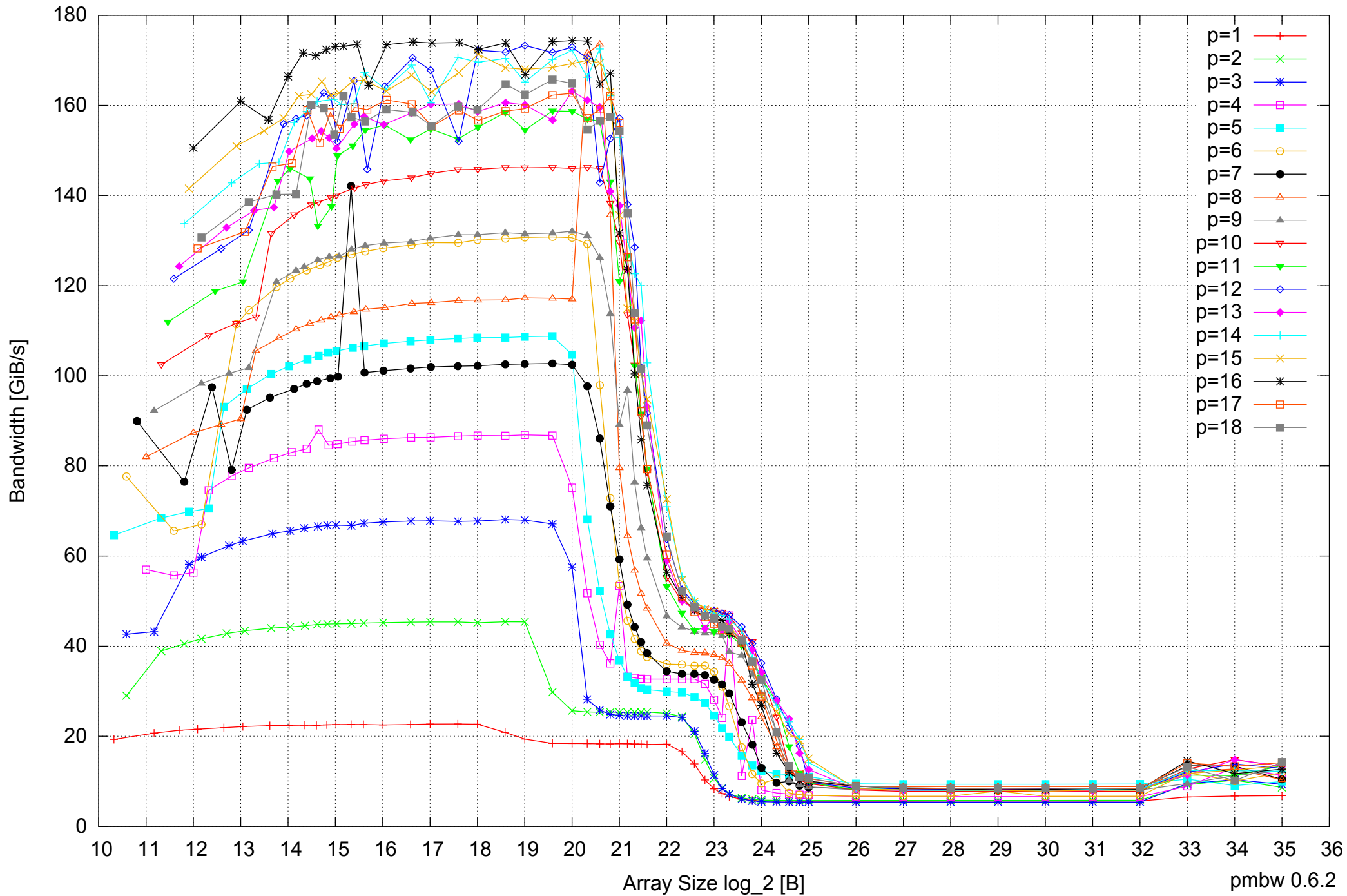
Intel Xeon X5550 48GB - One Thread Memory Latency (excluding Permutation)



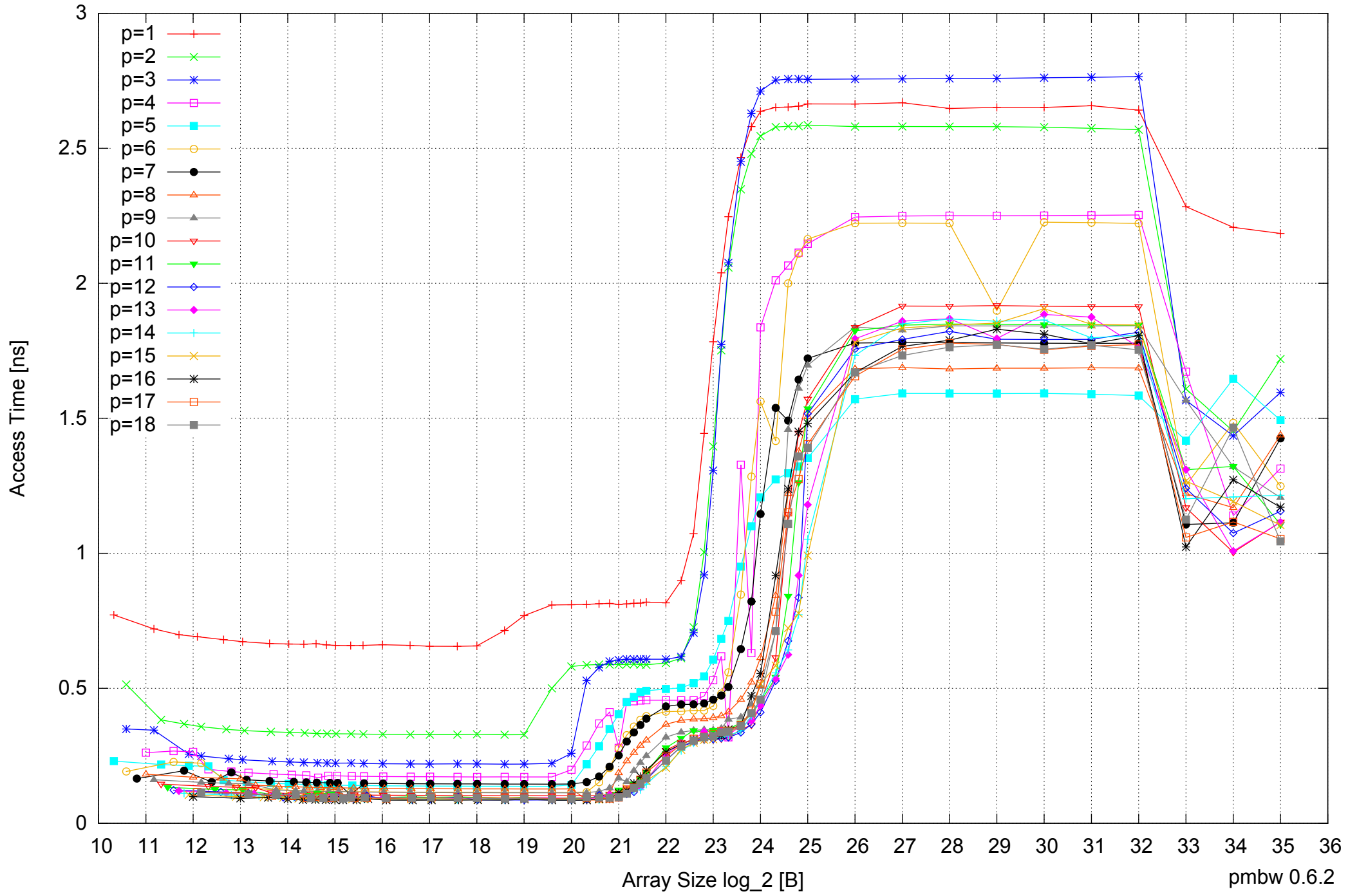
Intel Xeon X5550 48GB - One Thread Memory Bandwidth (only 64-bit Reads)



Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanWrite128PtrSimpleLoop

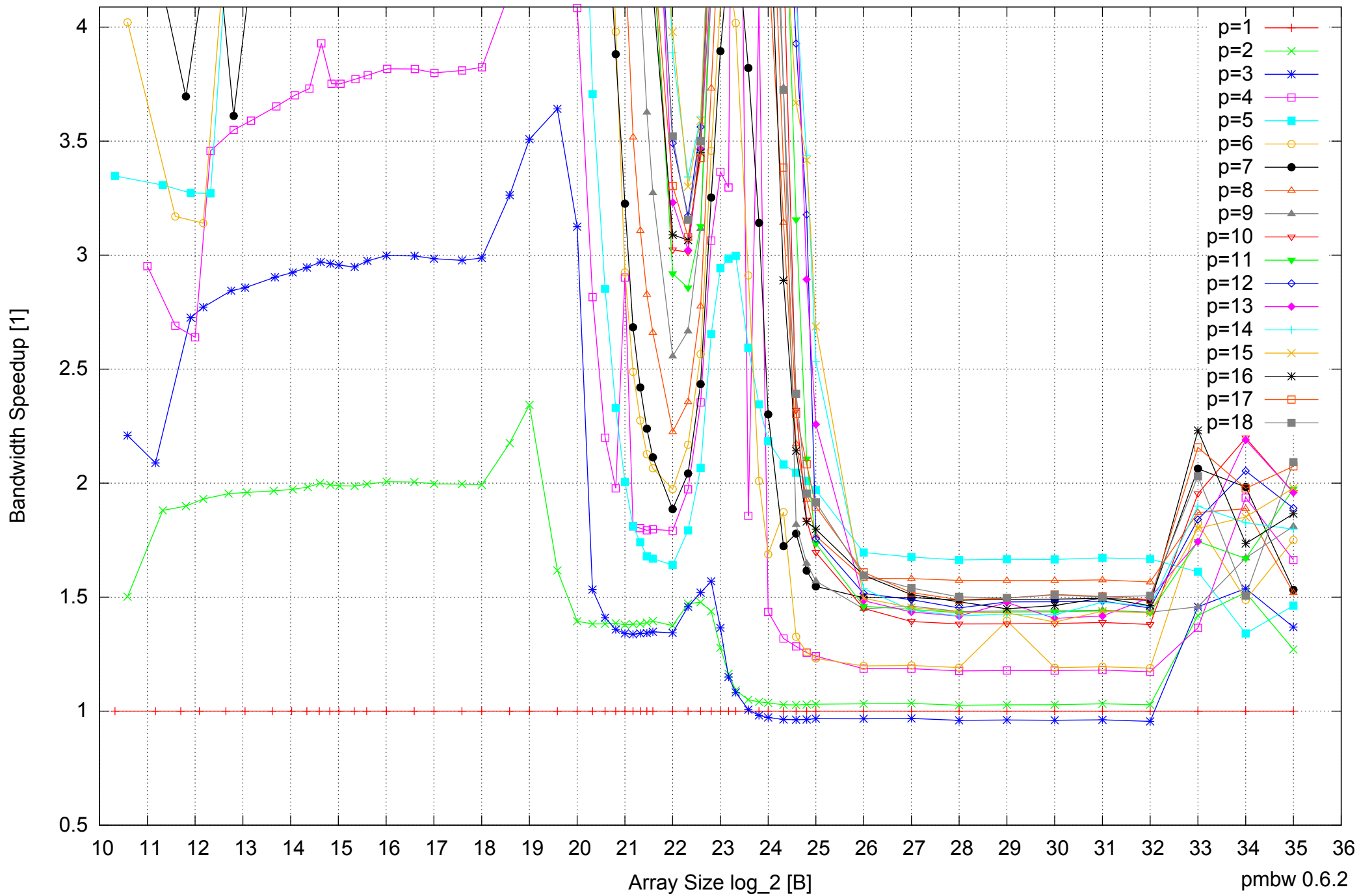


Intel Xeon X5550 48GB - Parallel Memory Access Time - ScanWrite128PtrSimpleLoop



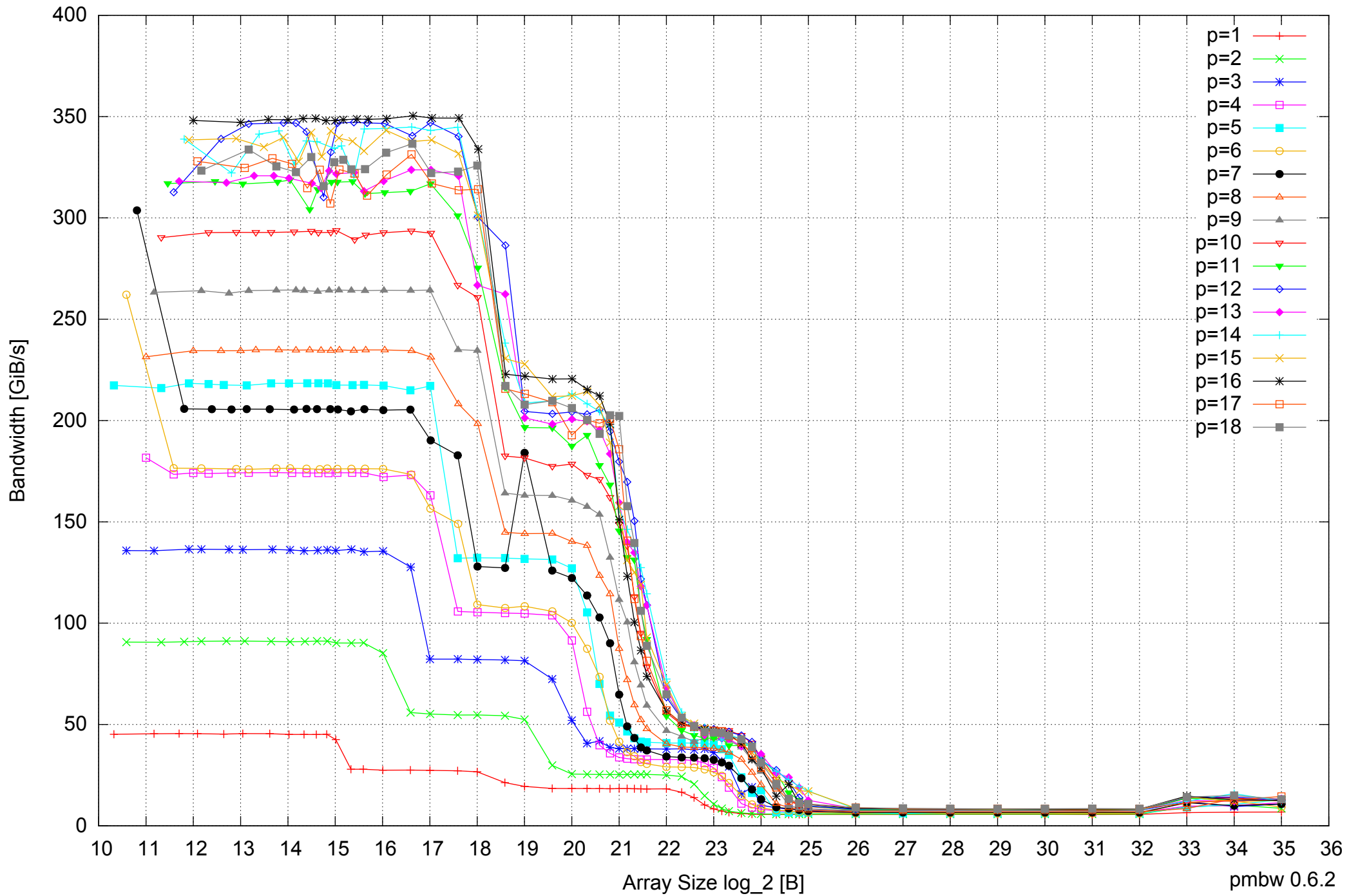


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128PtrSimpleLoop

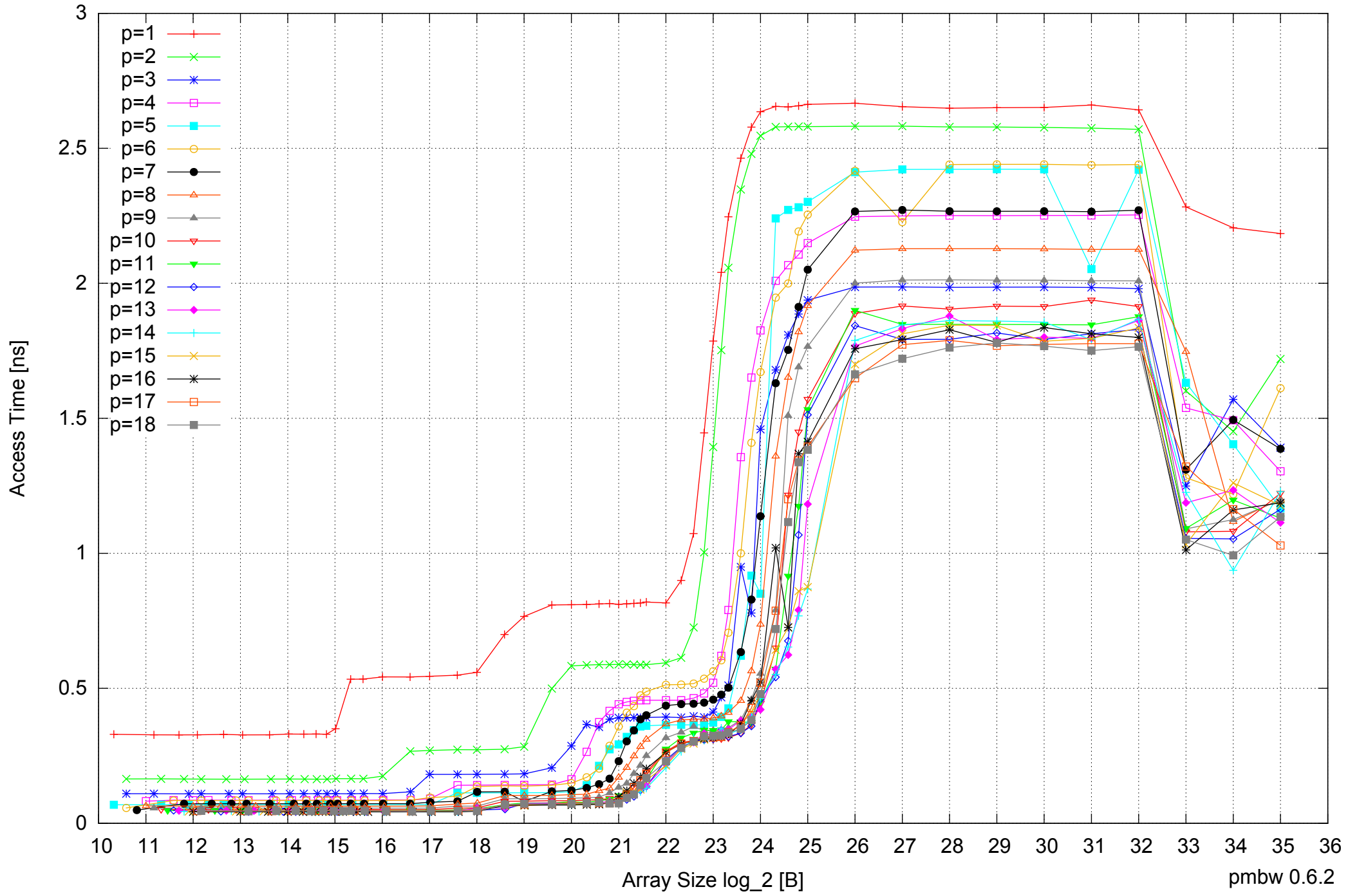




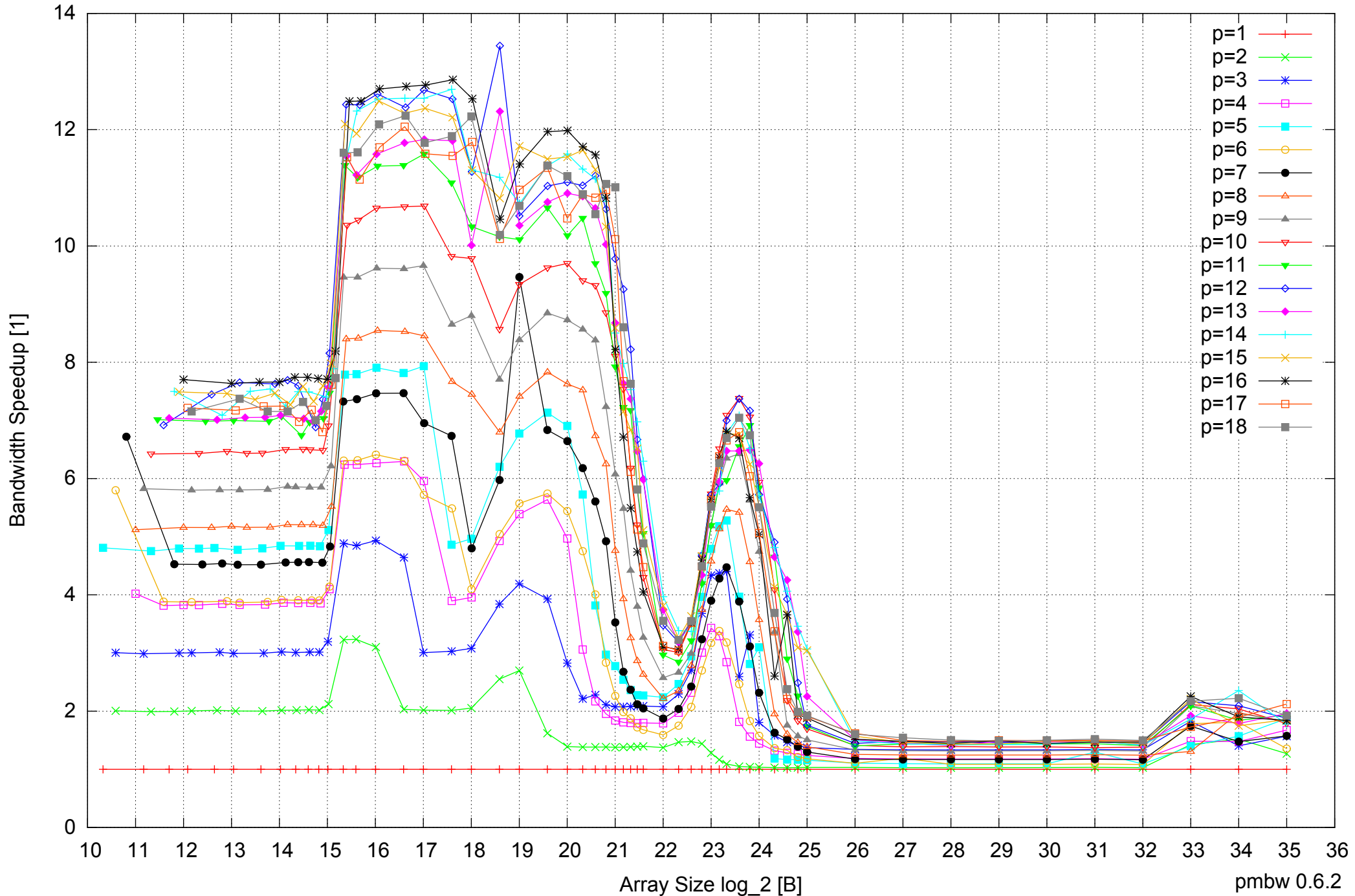
Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanWrite128PtrUnrollLoop



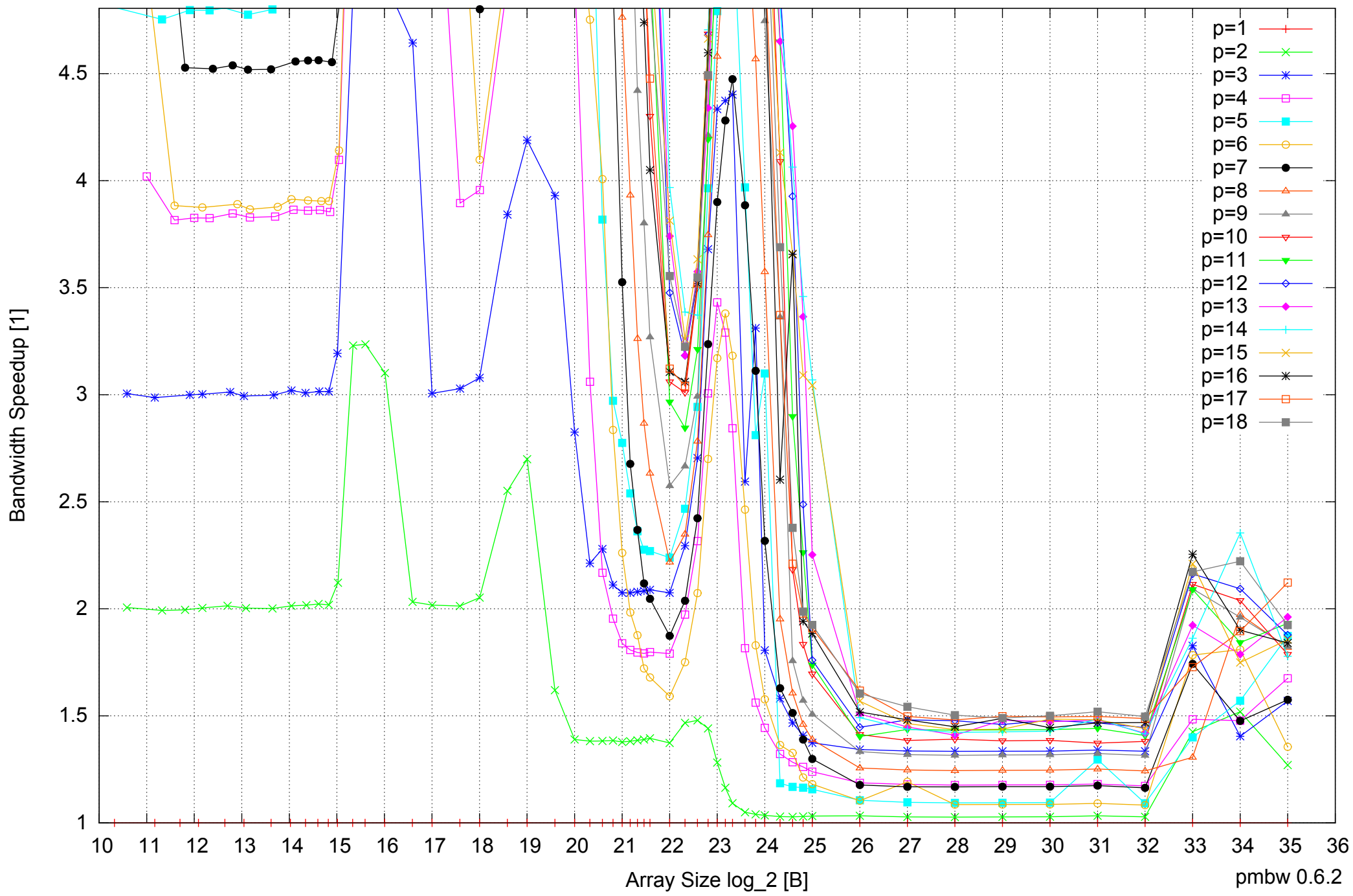
Intel Xeon X5550 48GB - Parallel Memory Access Time - ScanWrite128PtrUnrollLoop



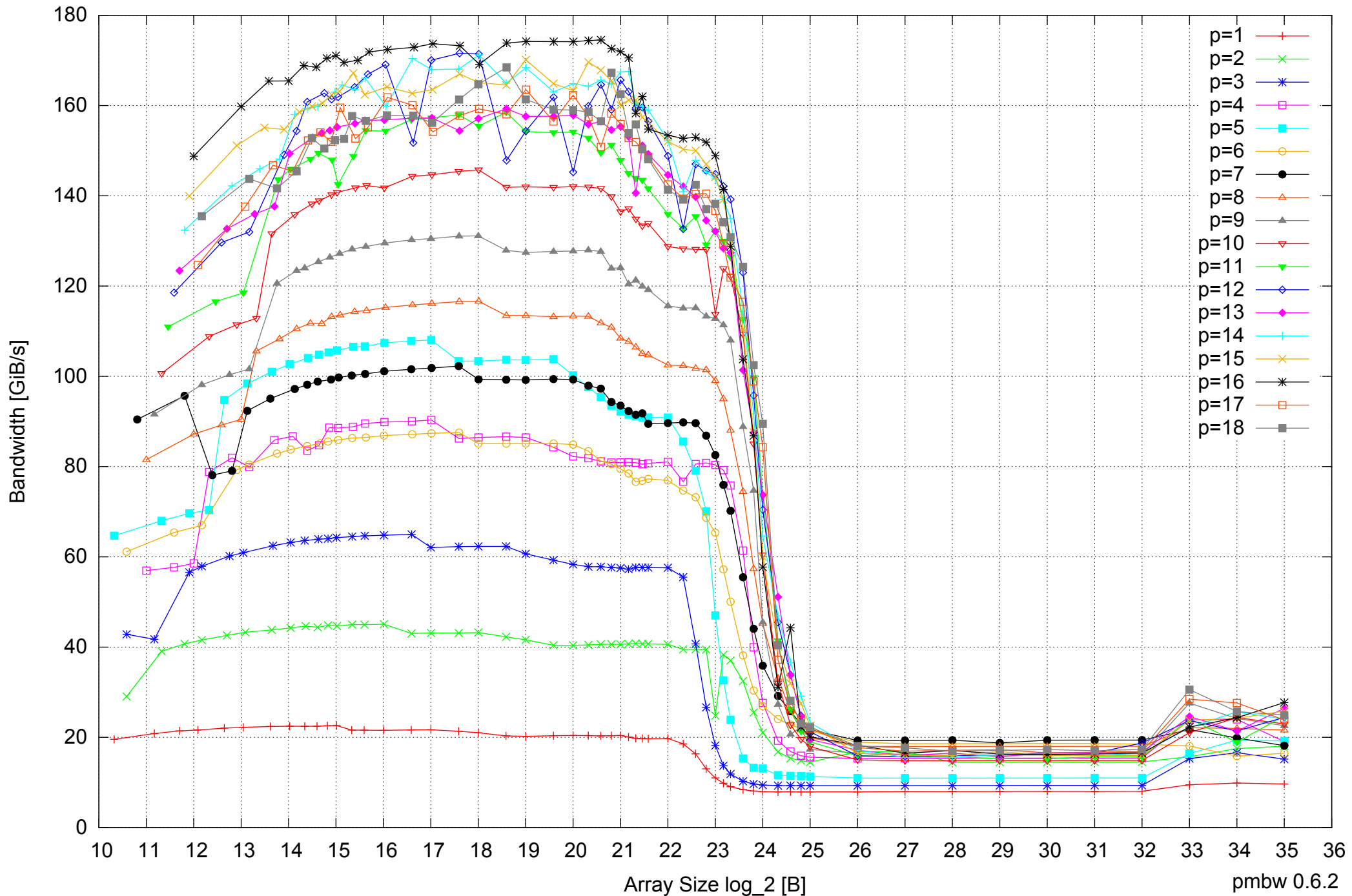
Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanWrite128PtrUnrollLoop



Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128PtrUnrollLoop



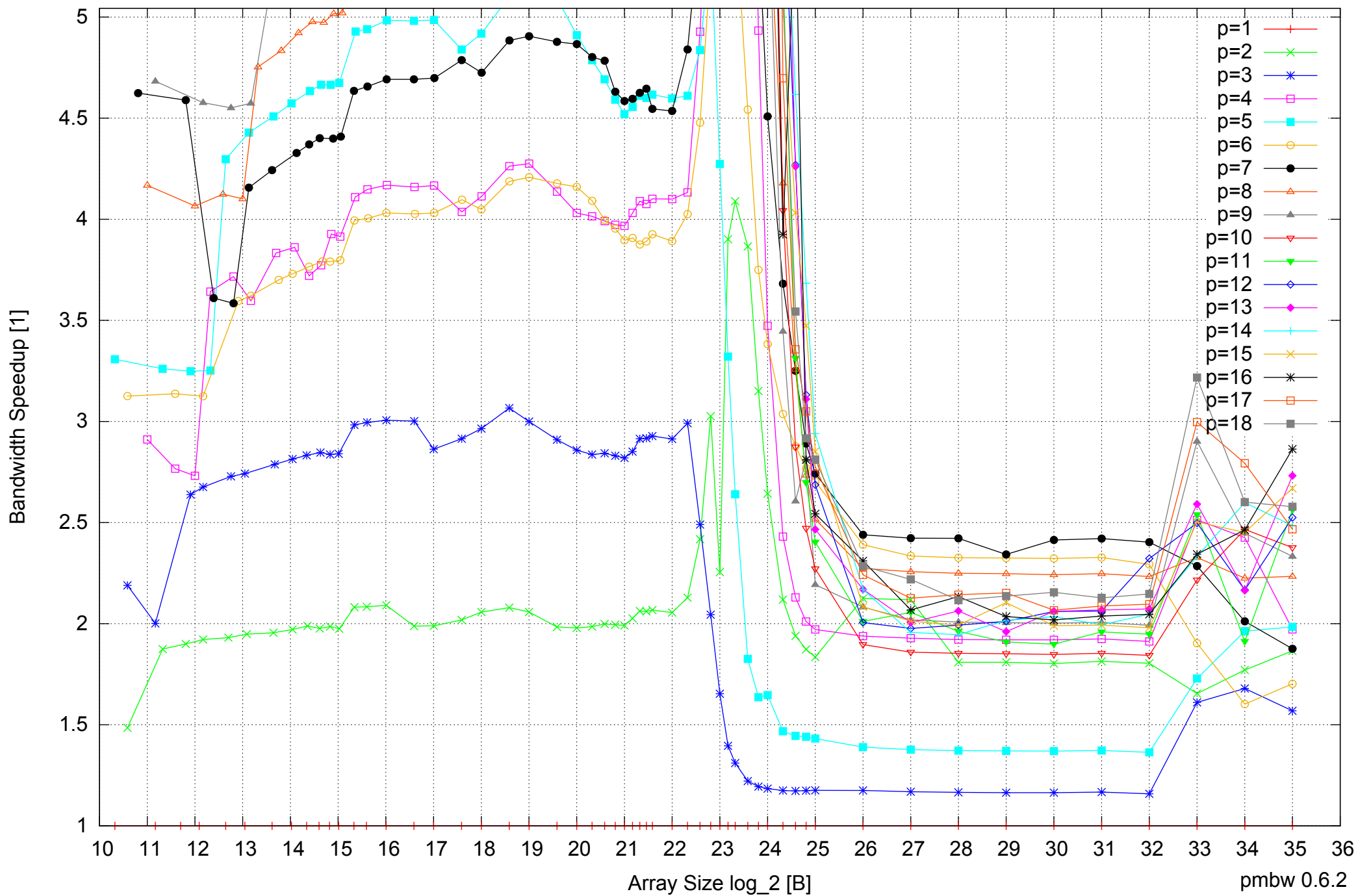
Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanRead128PtrSimpleLoop





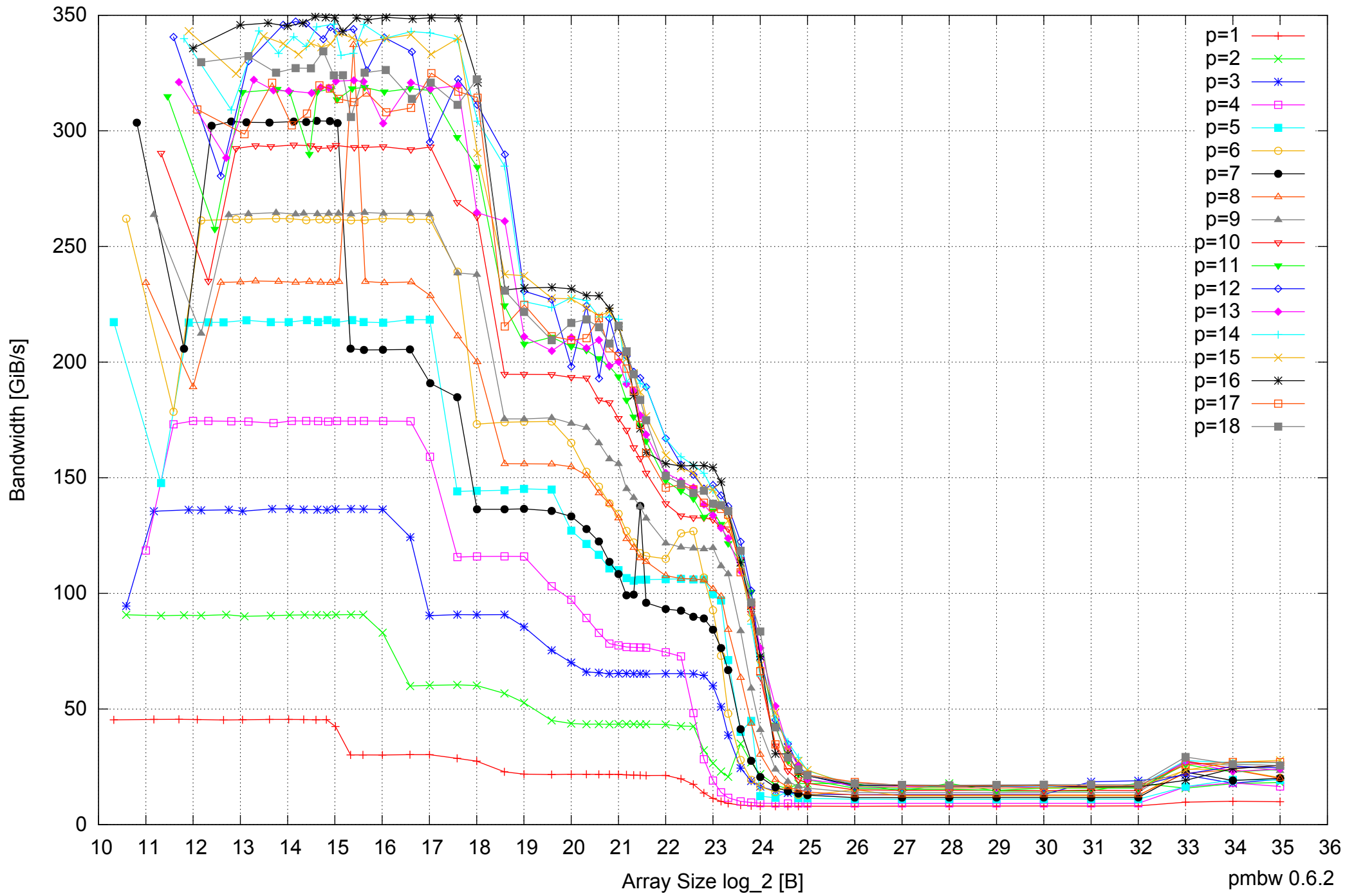


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128PtrSimpleLoop





Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanRead128PtrUnrollLoop

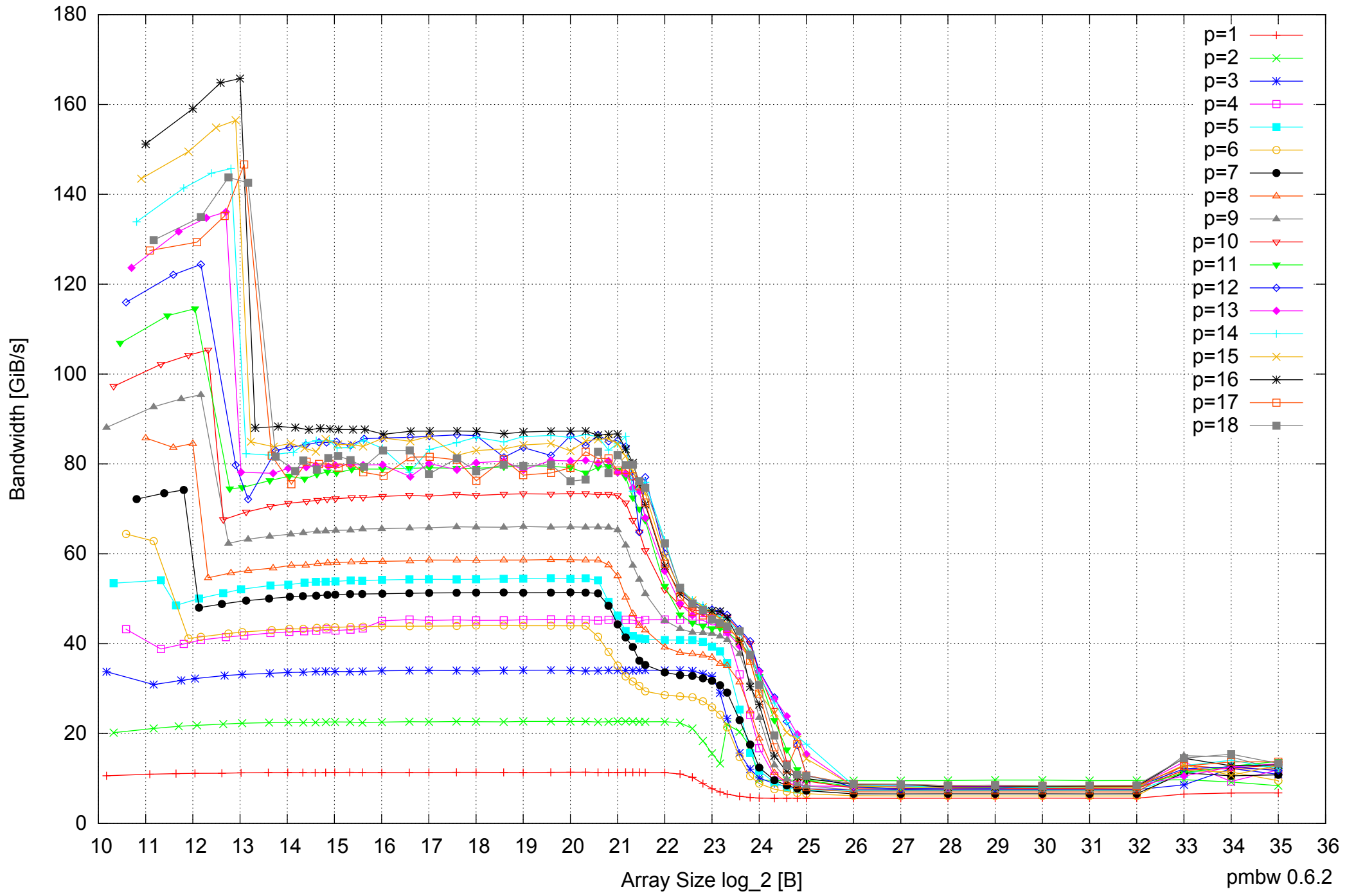






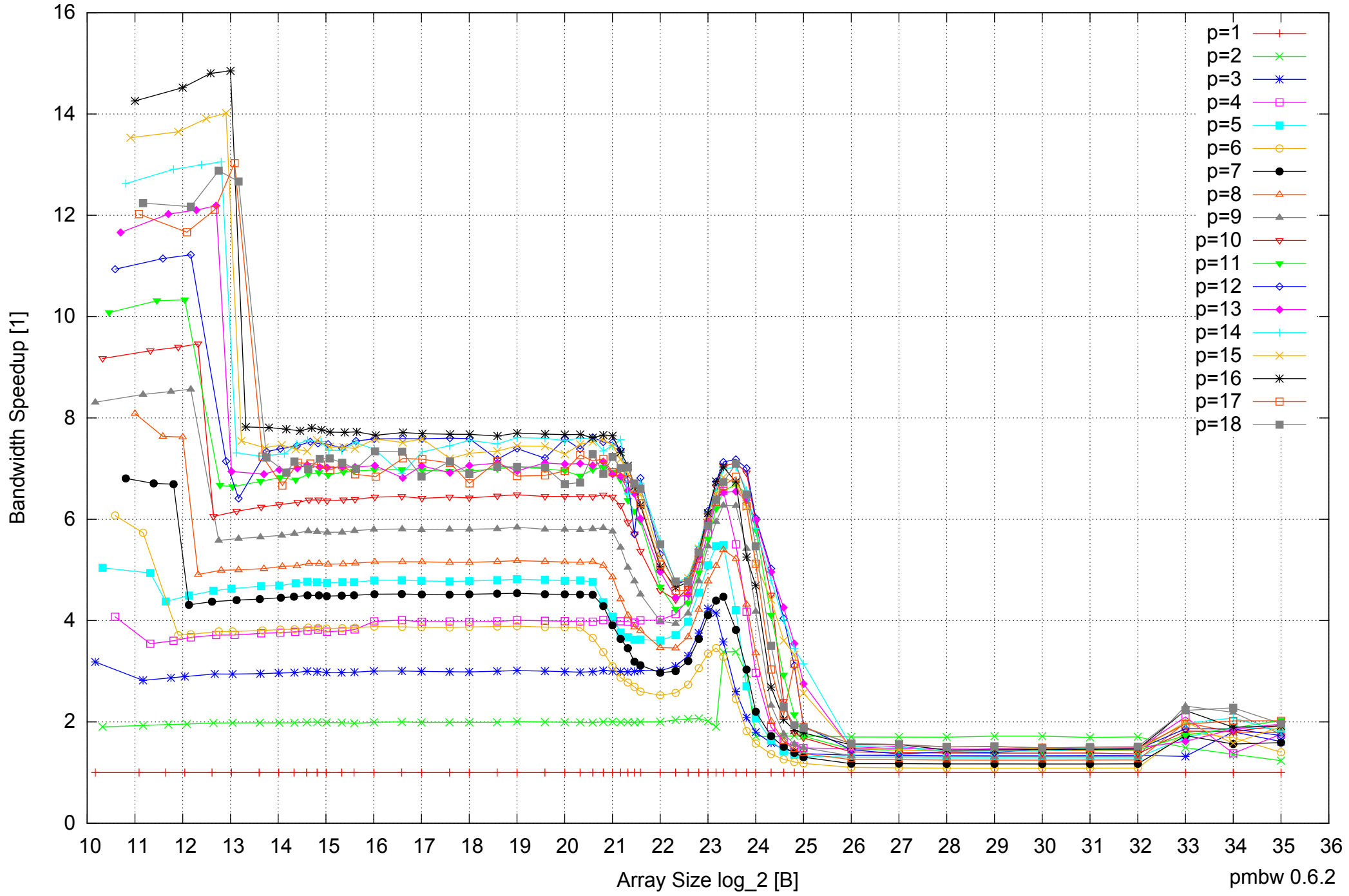


Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop

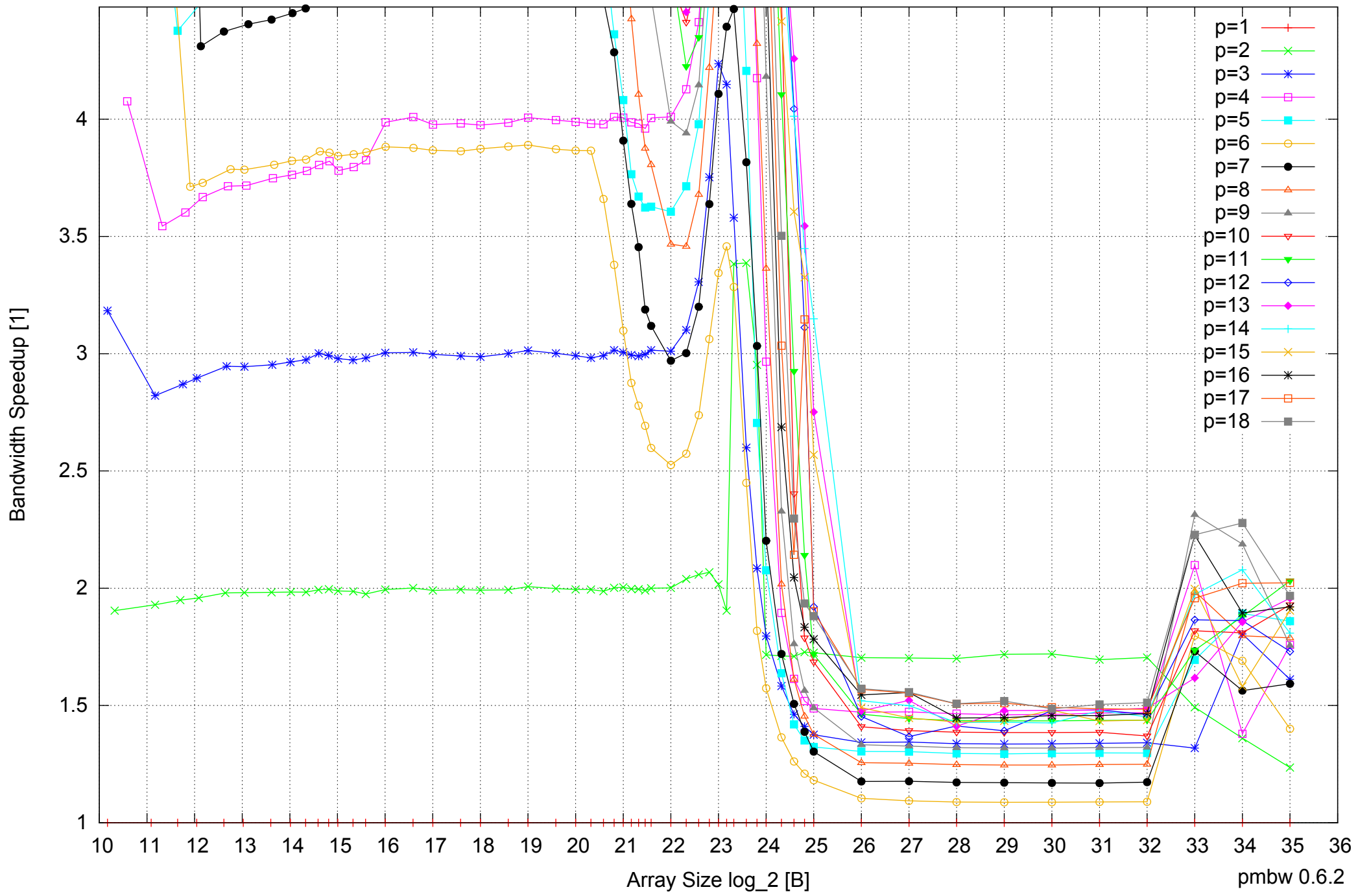




Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop

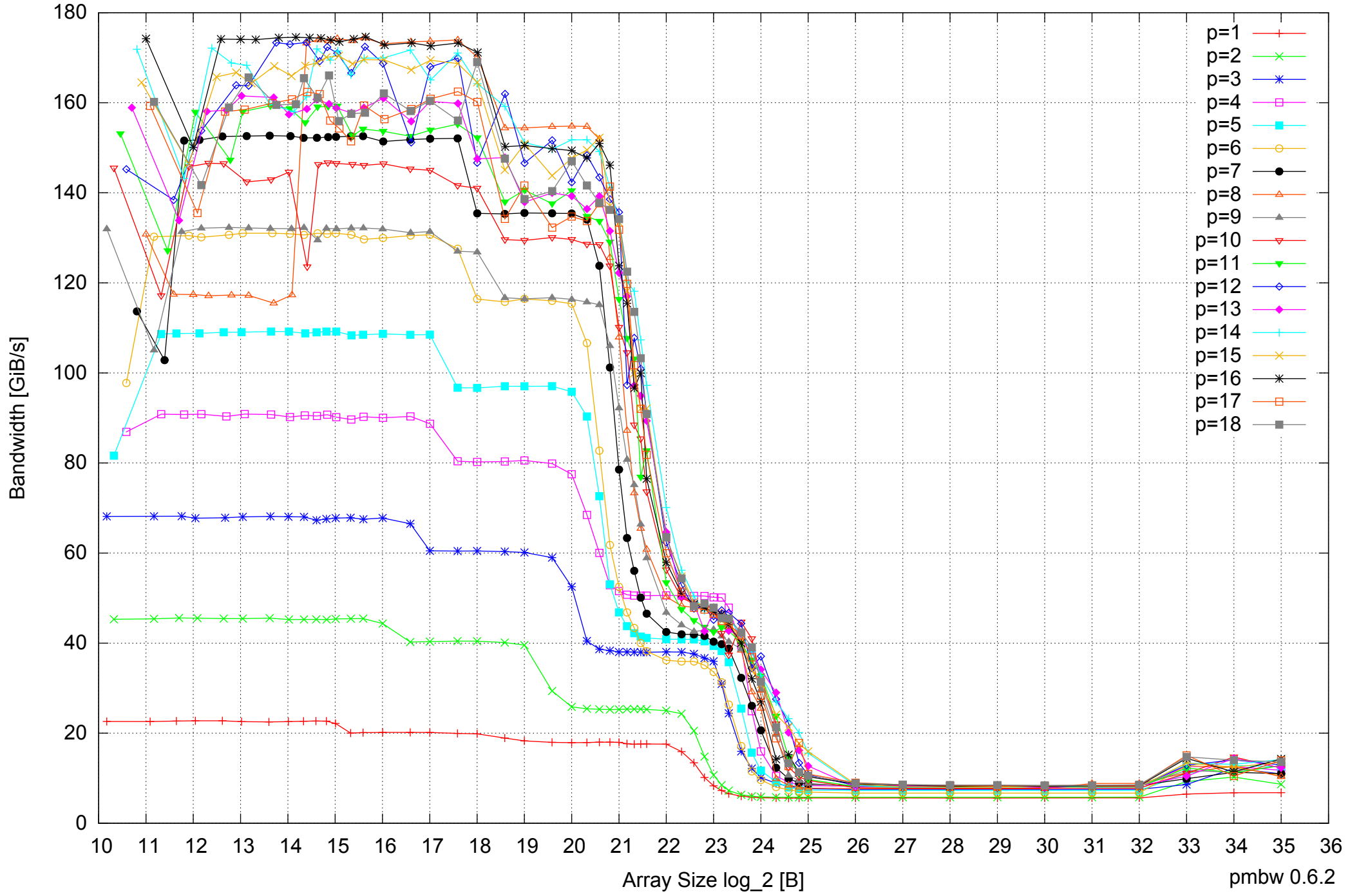


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrSimpleLoop



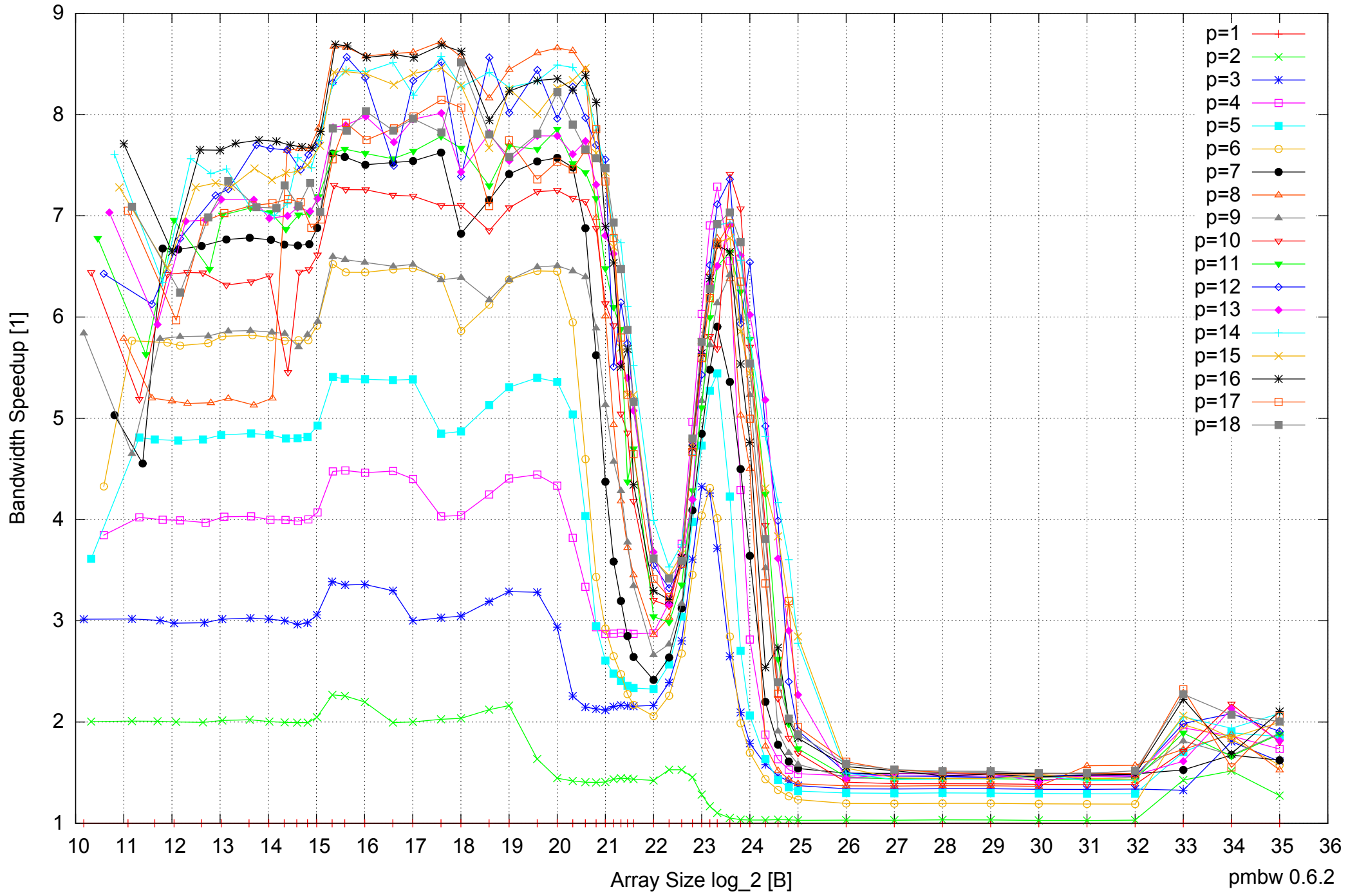


Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop

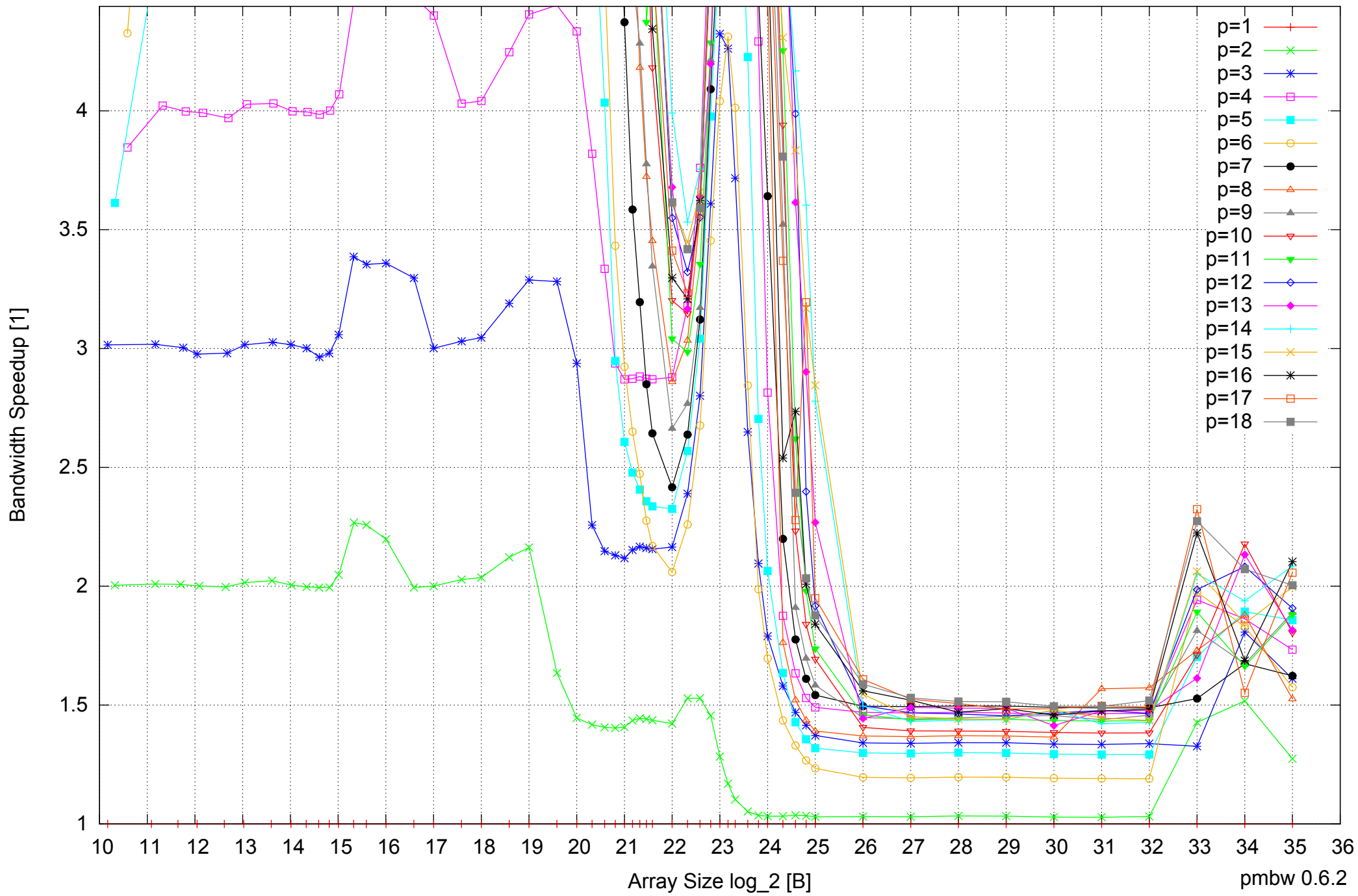




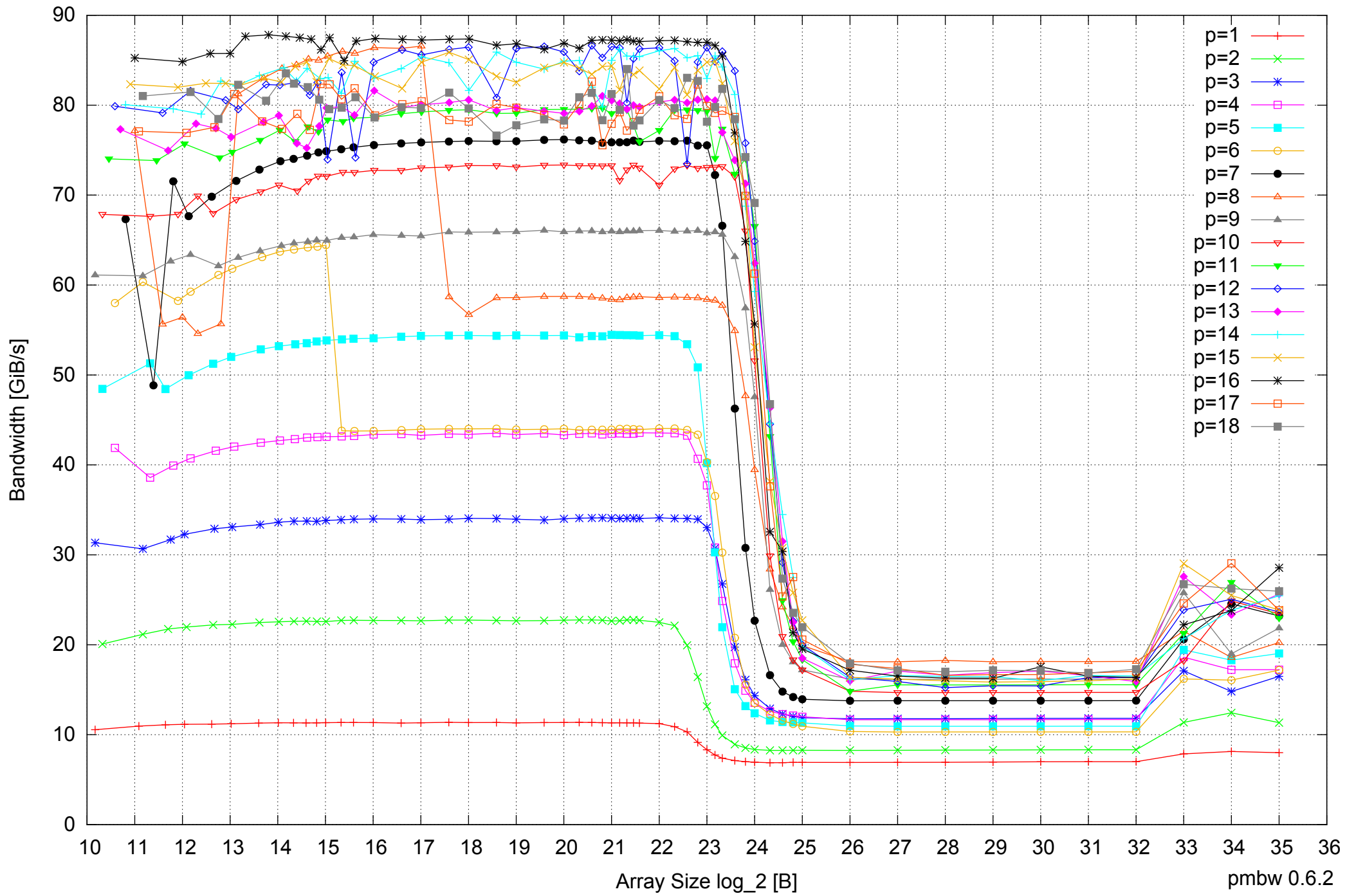
Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop



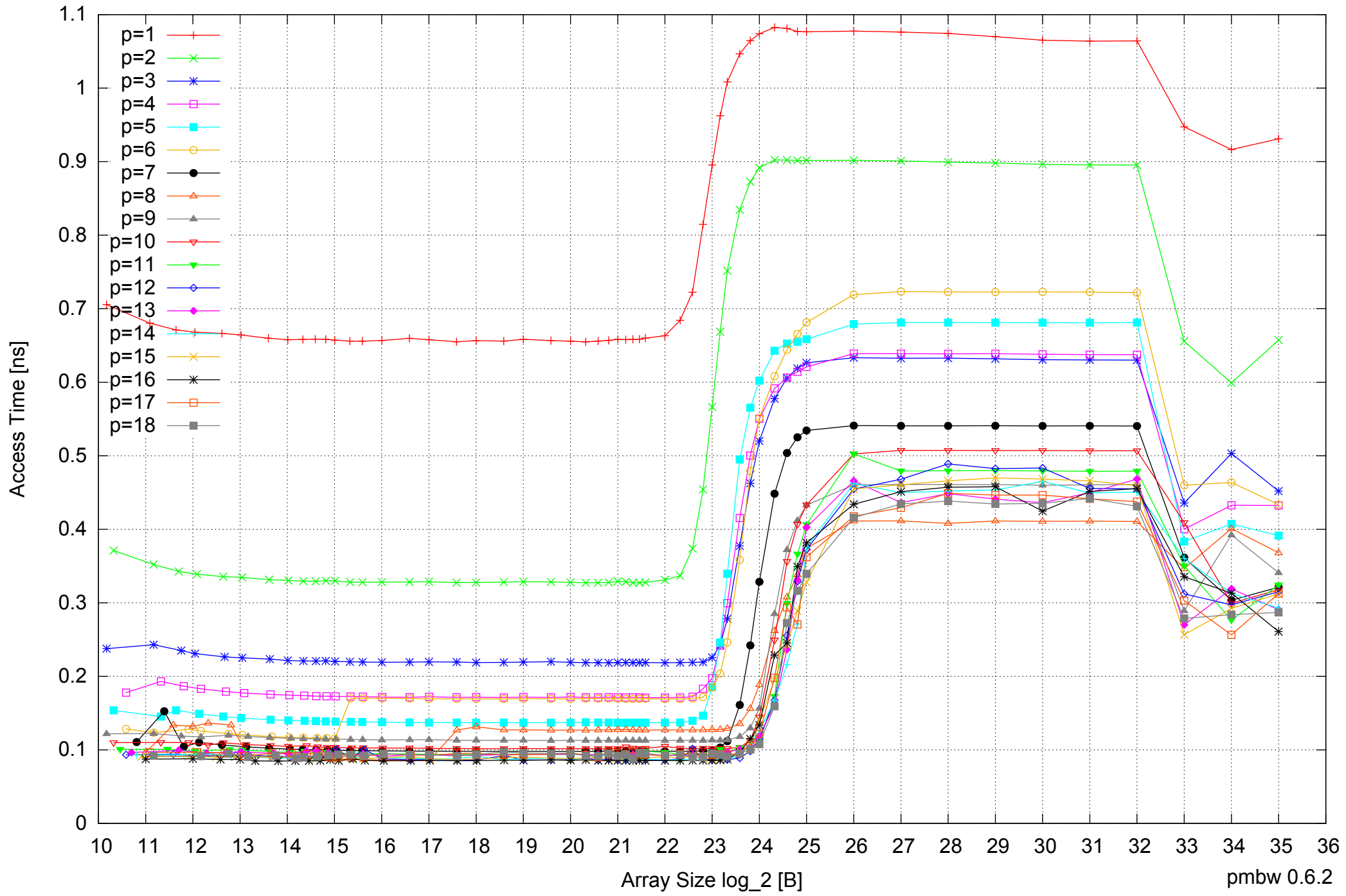
Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrUnrollLoop



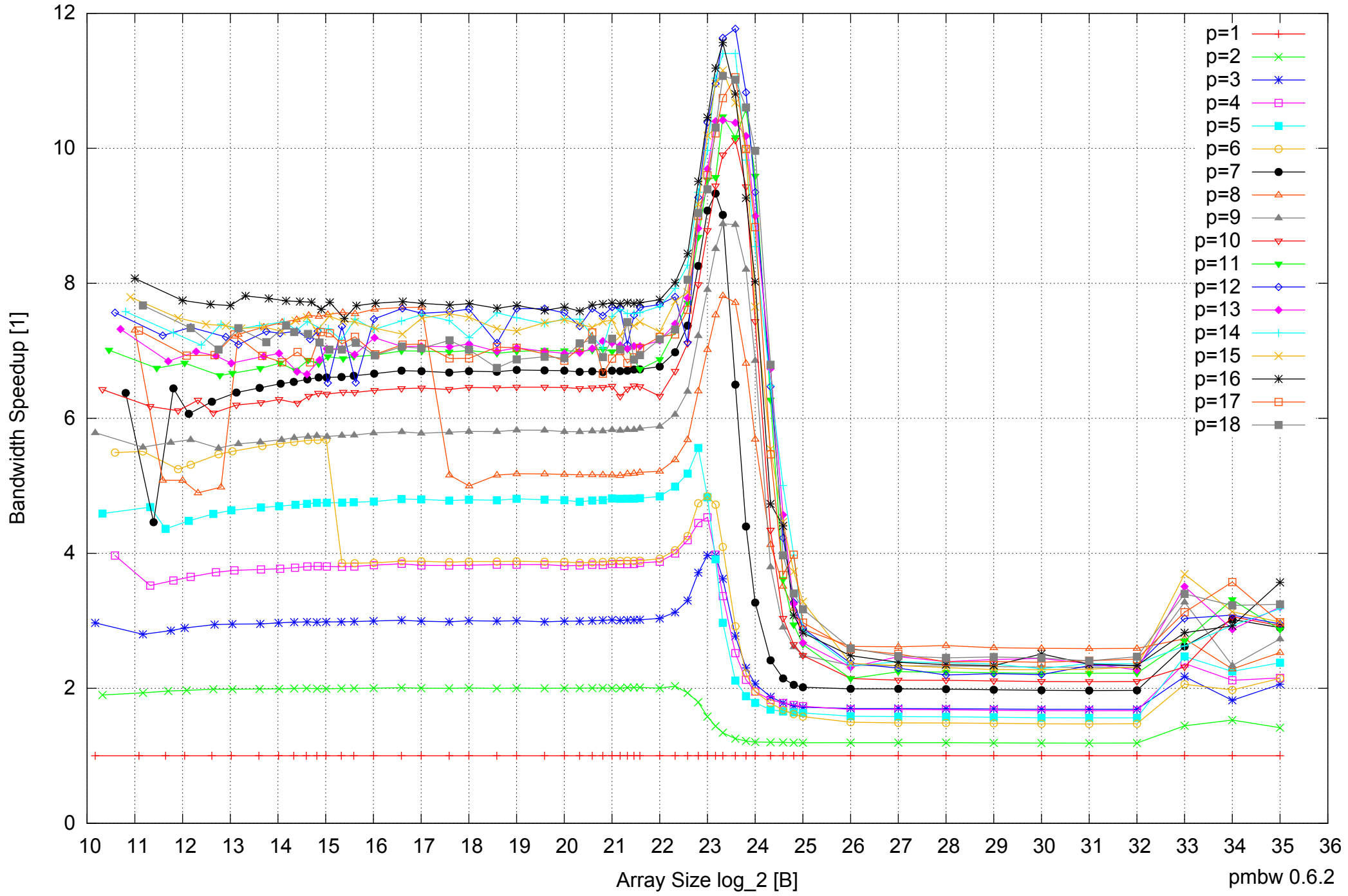
Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop



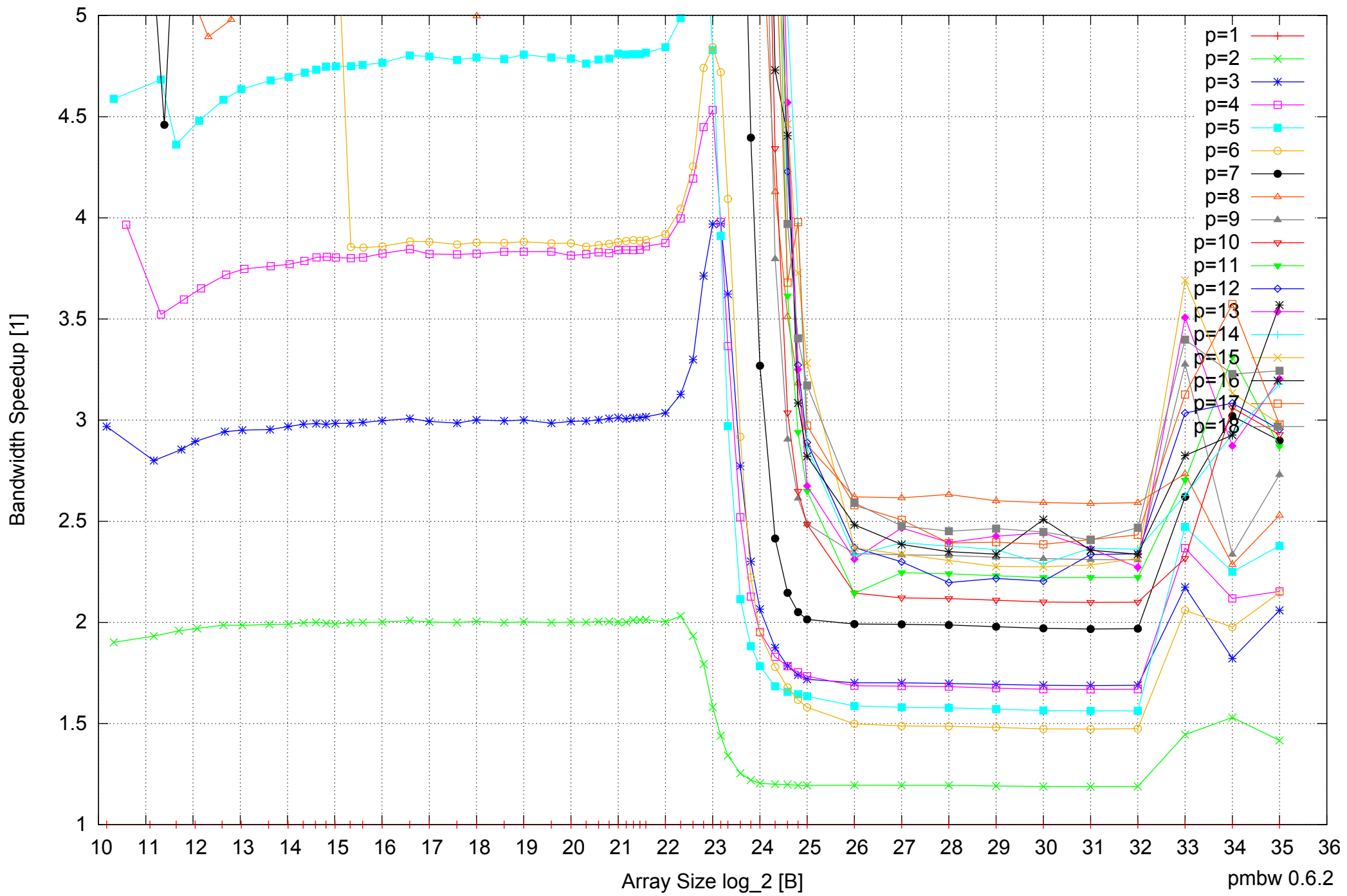
Intel Xeon X5550 48GB - Parallel Memory Access Time - ScanRead64PtrSimpleLoop



Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop

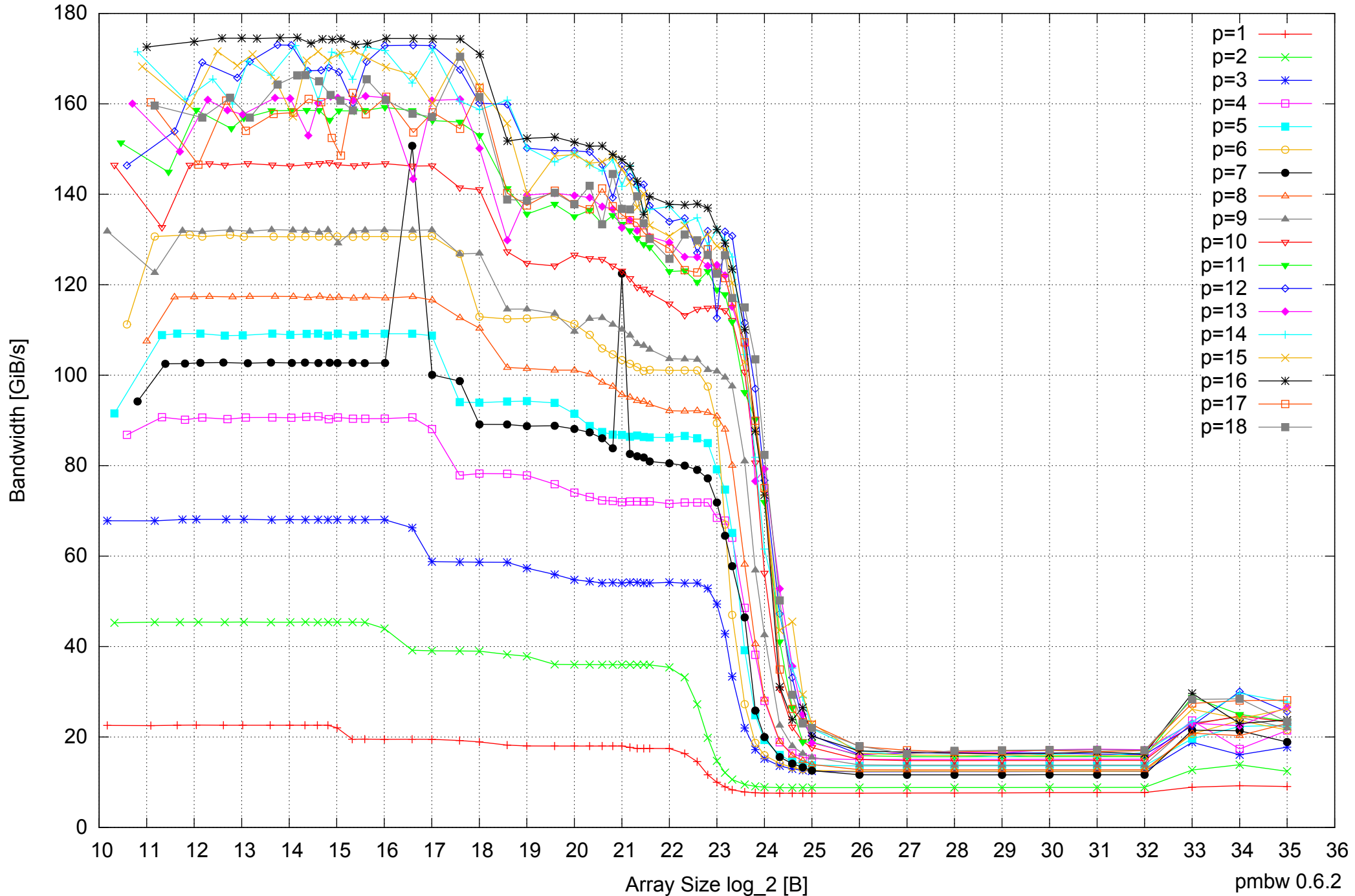


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64PtrSimpleLoop





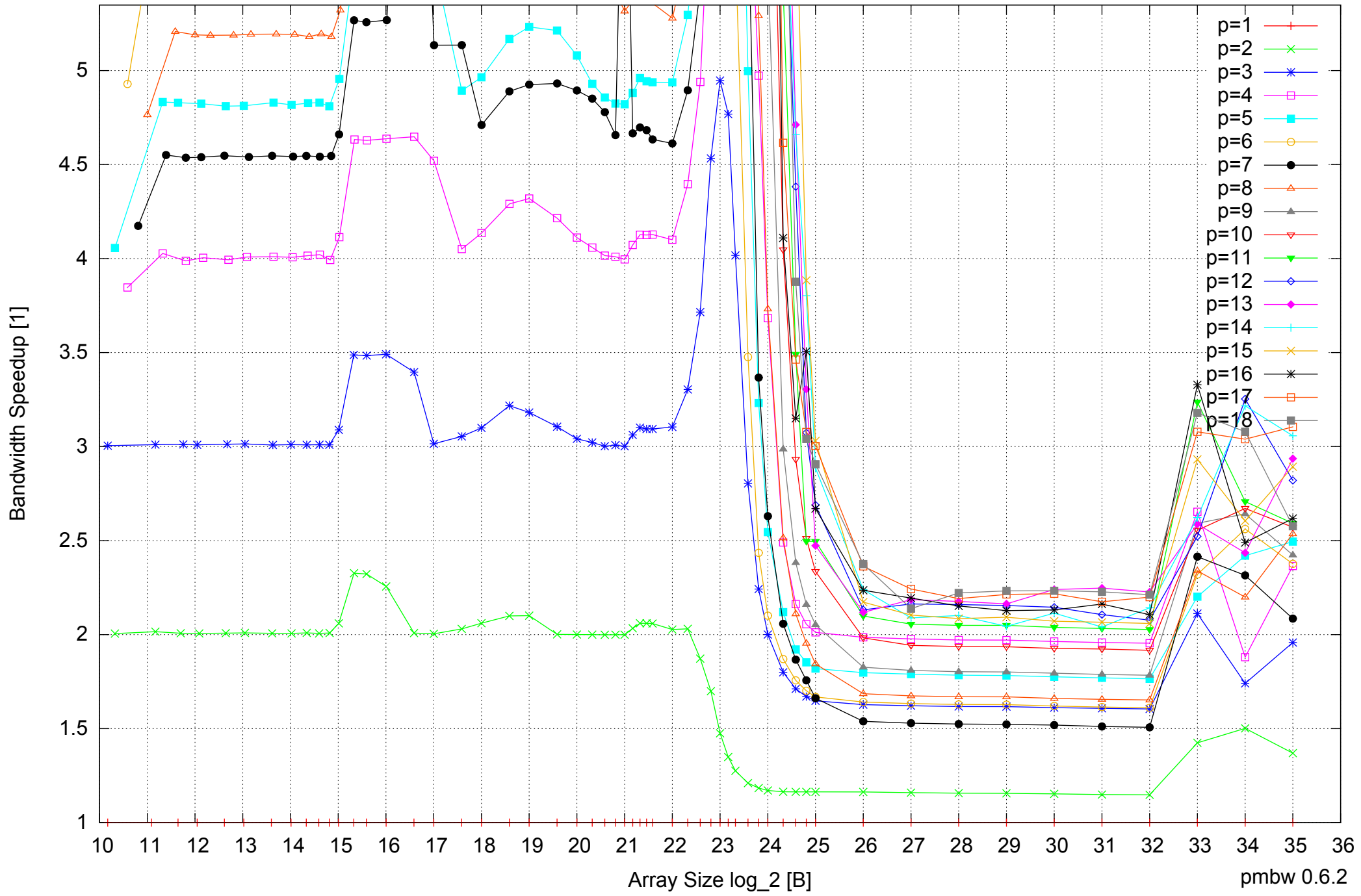
Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop



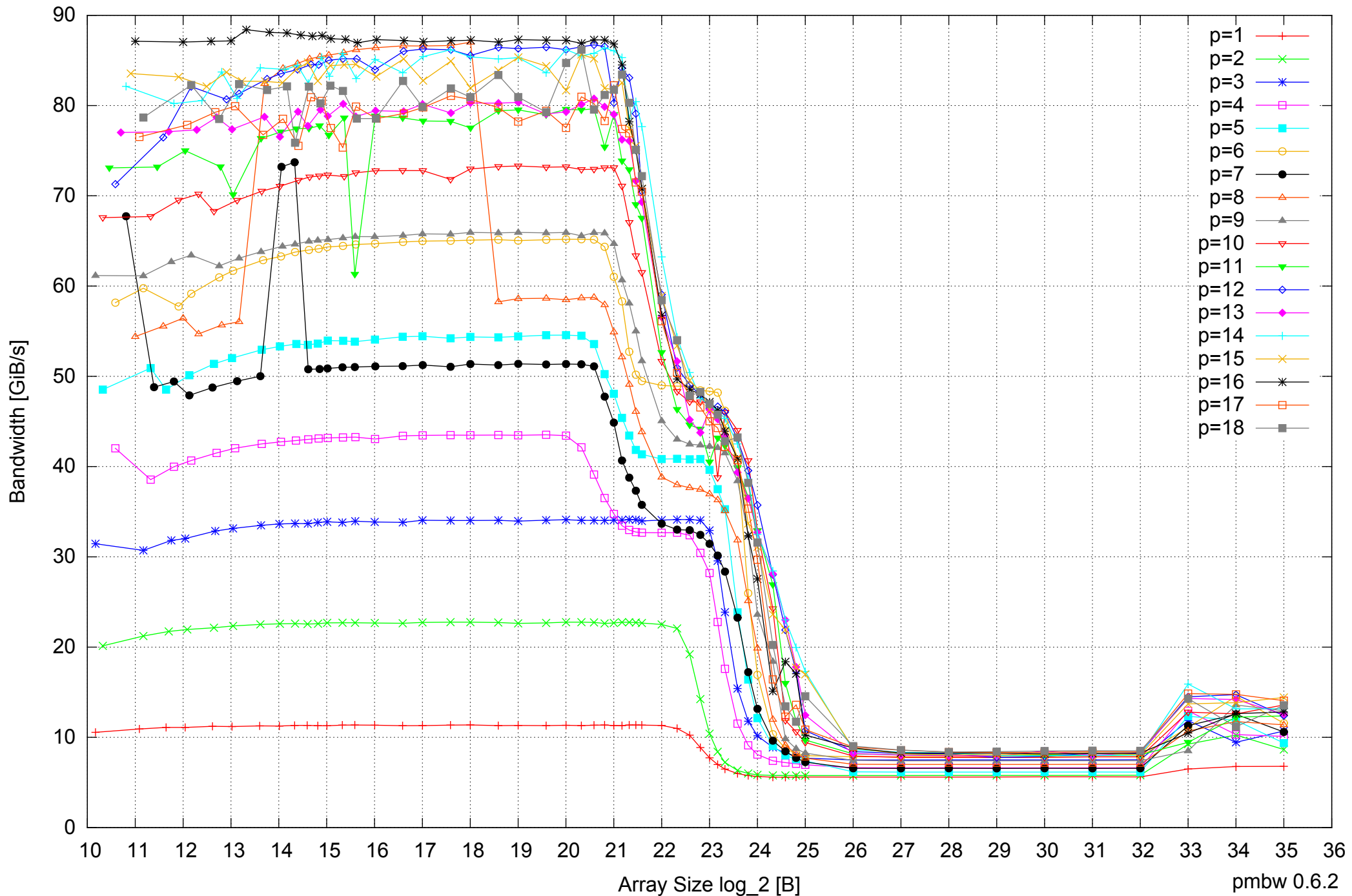




Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64PtrUnrollLoop

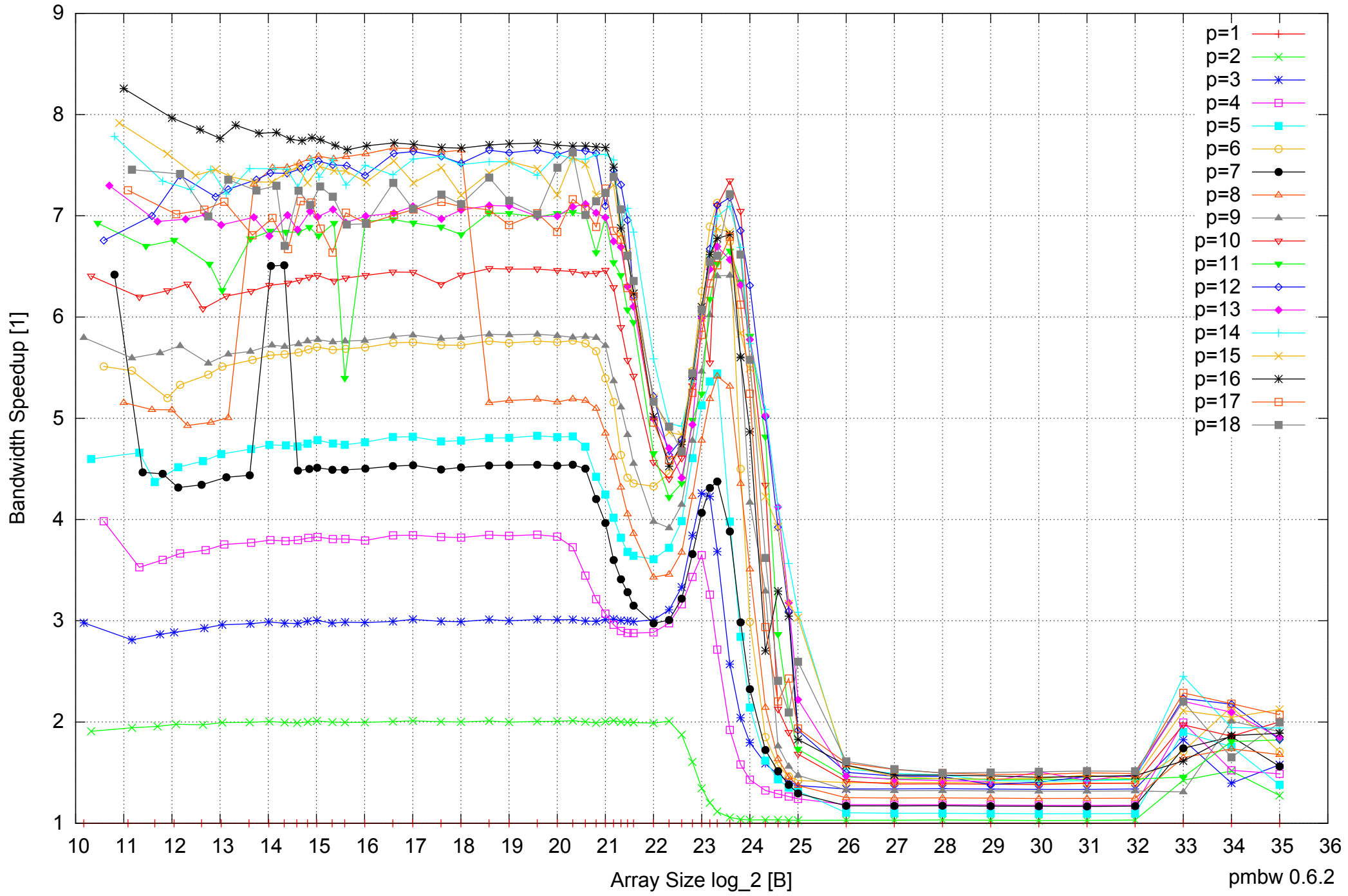


Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoop





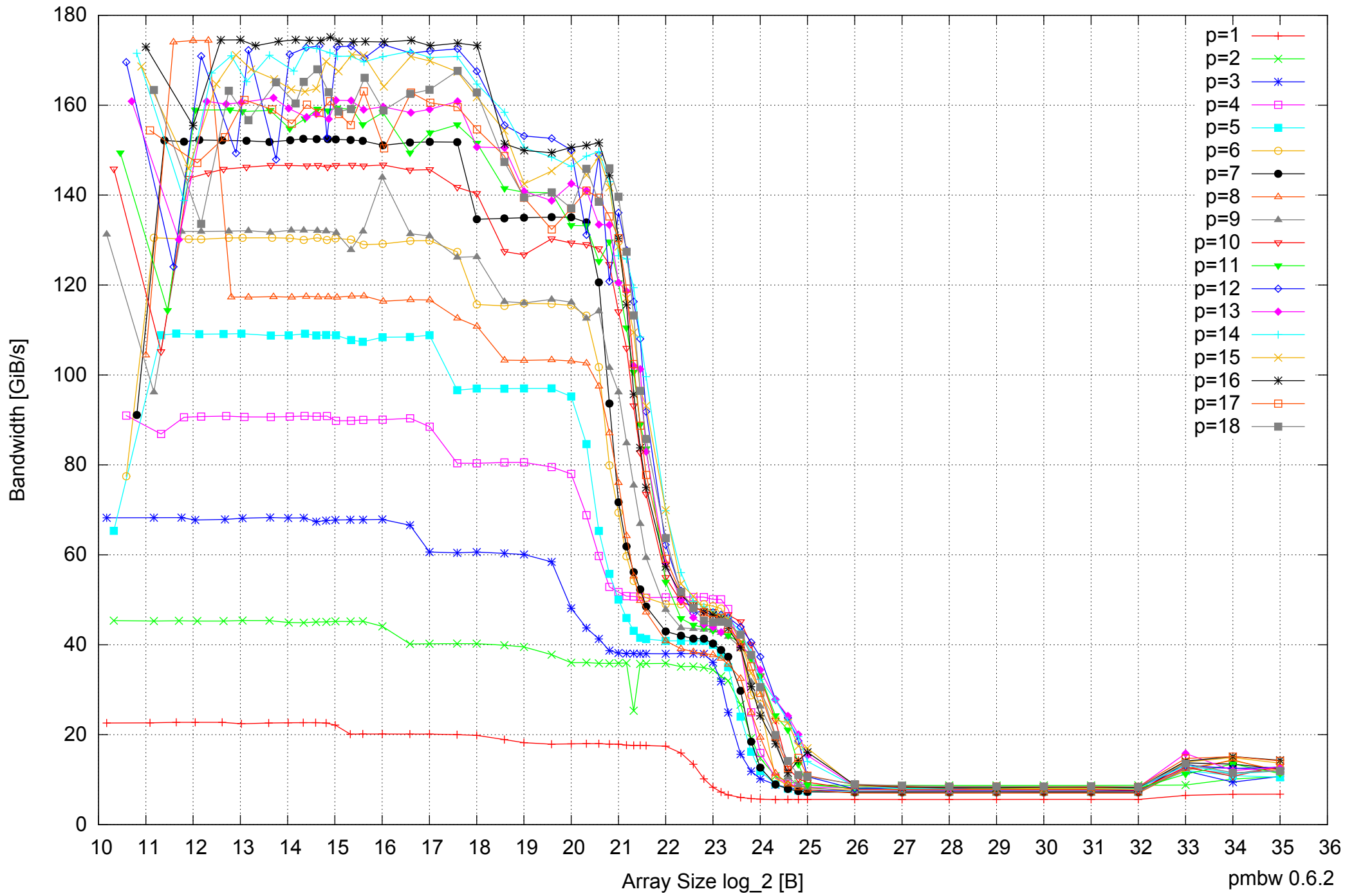
Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoop



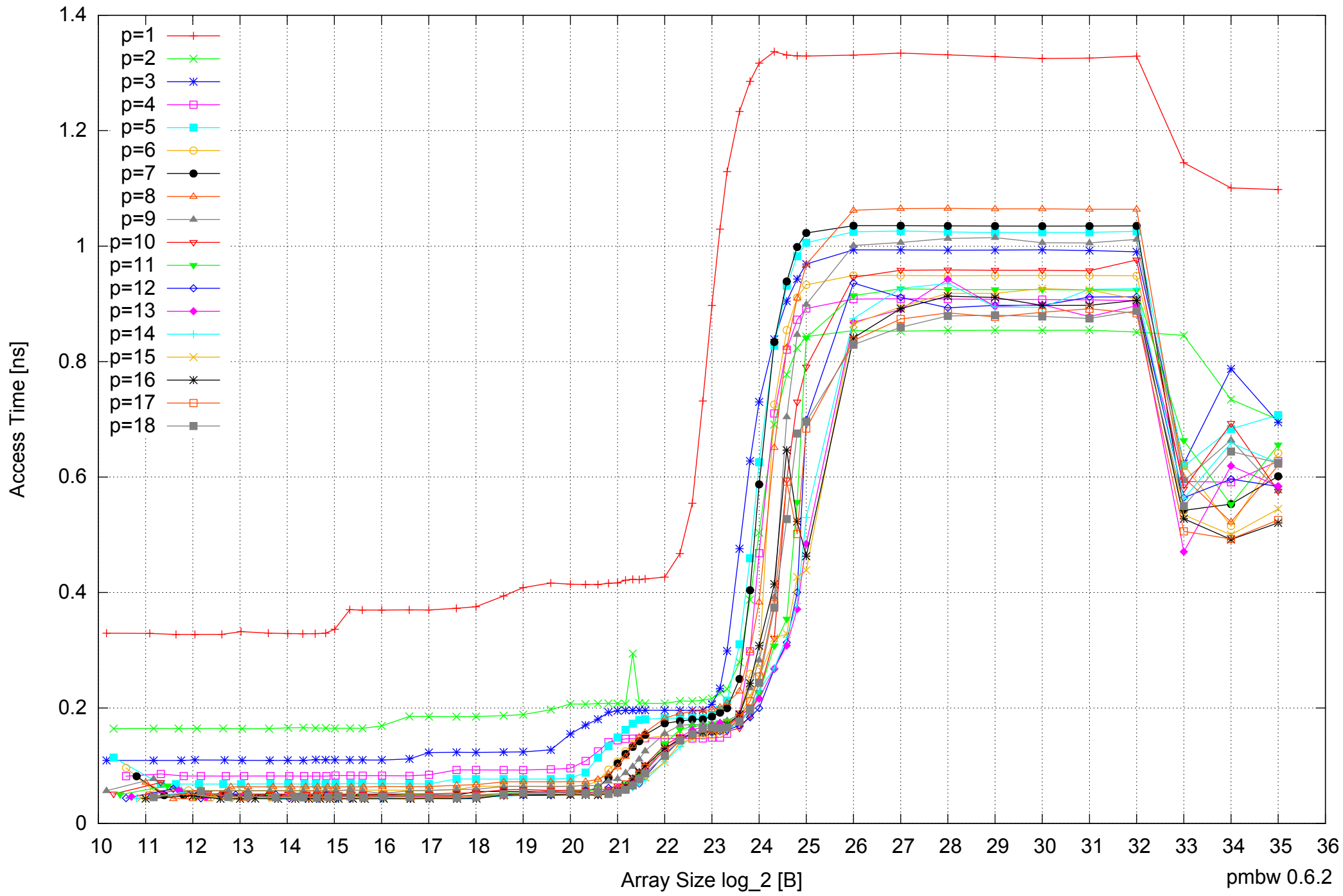




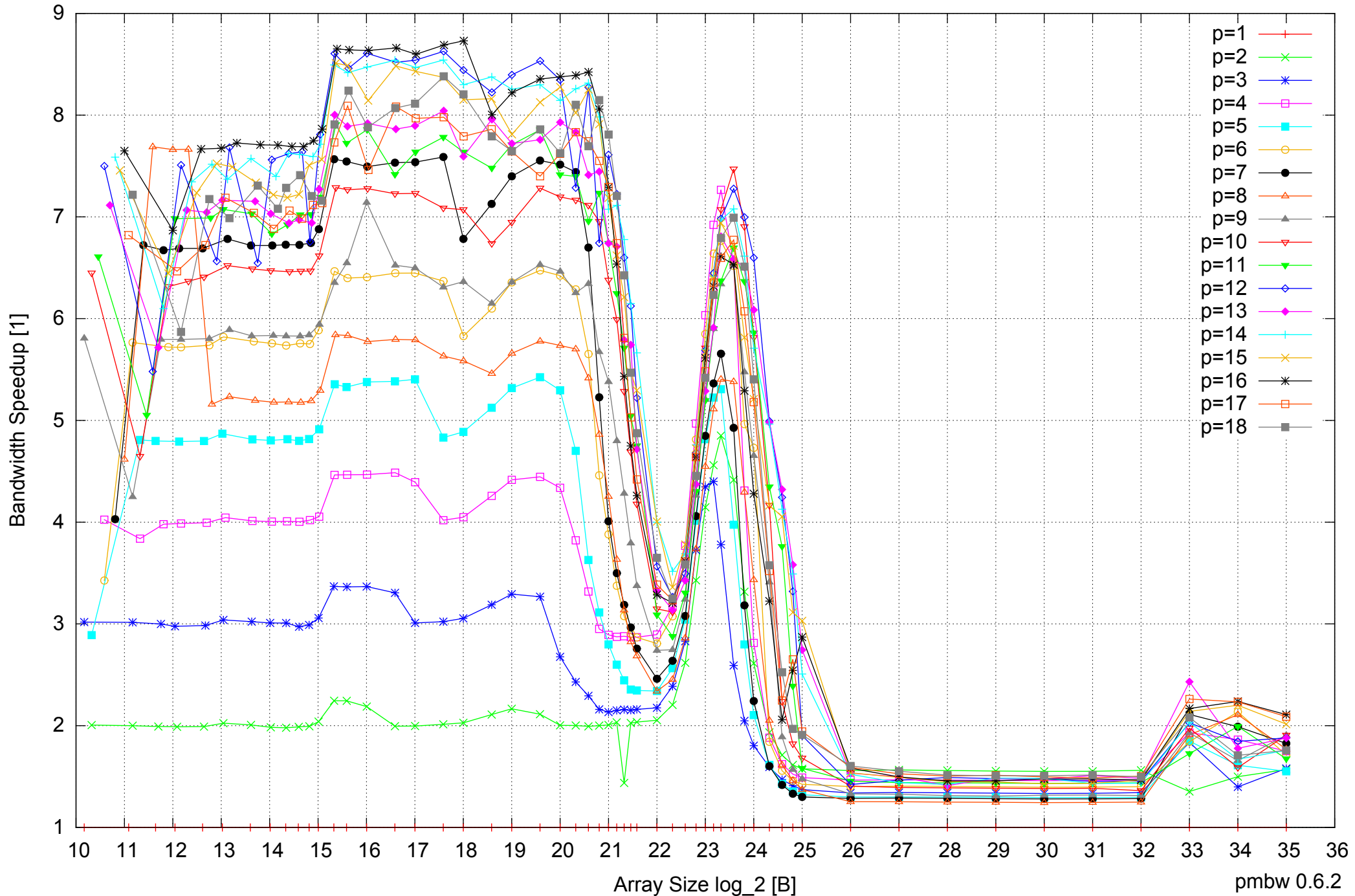
Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanWrite64IndexUnrollLoop



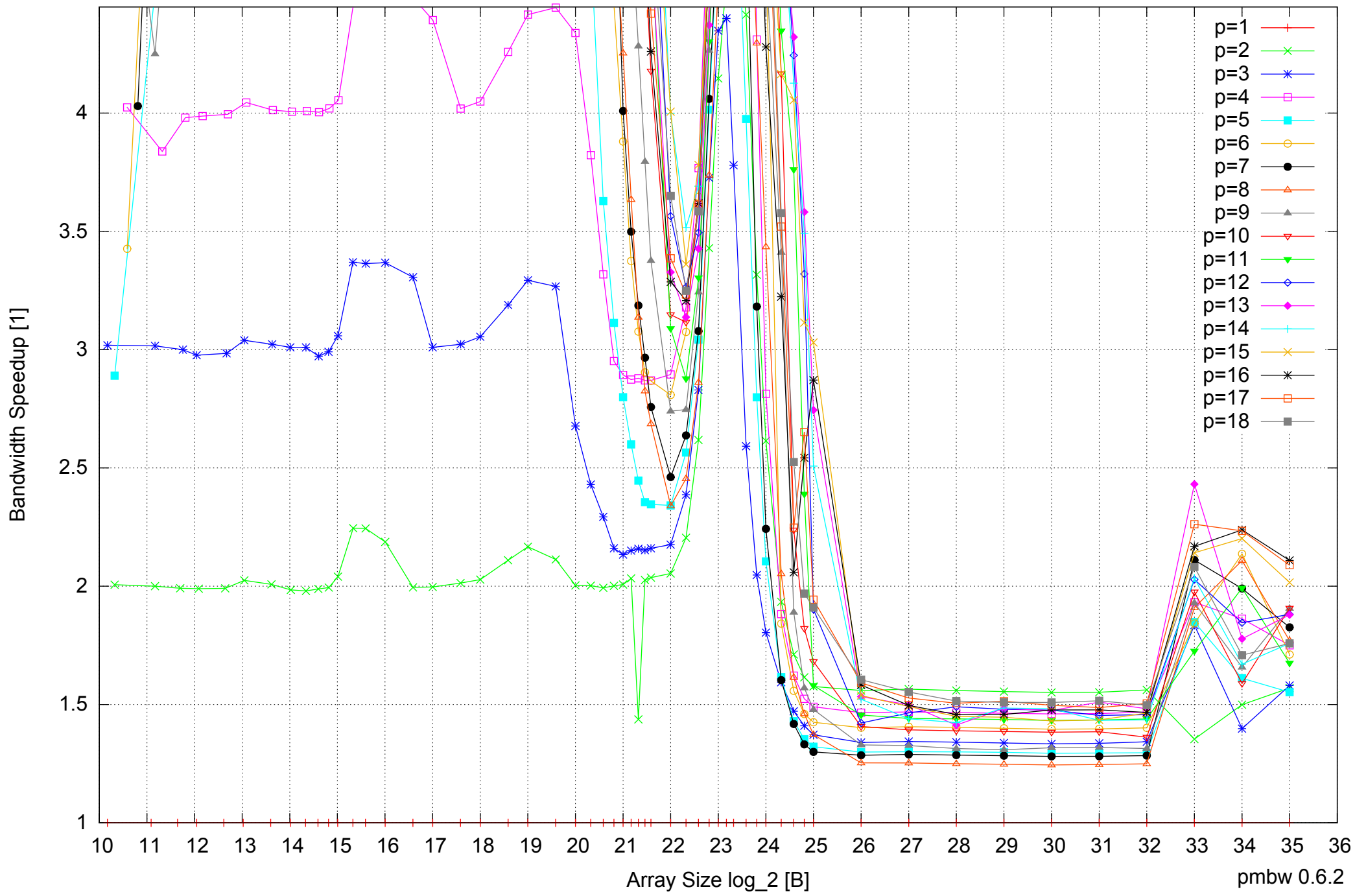
Intel Xeon X5550 48GB - Parallel Memory Access Time - ScanWrite64IndexUnrollLoop



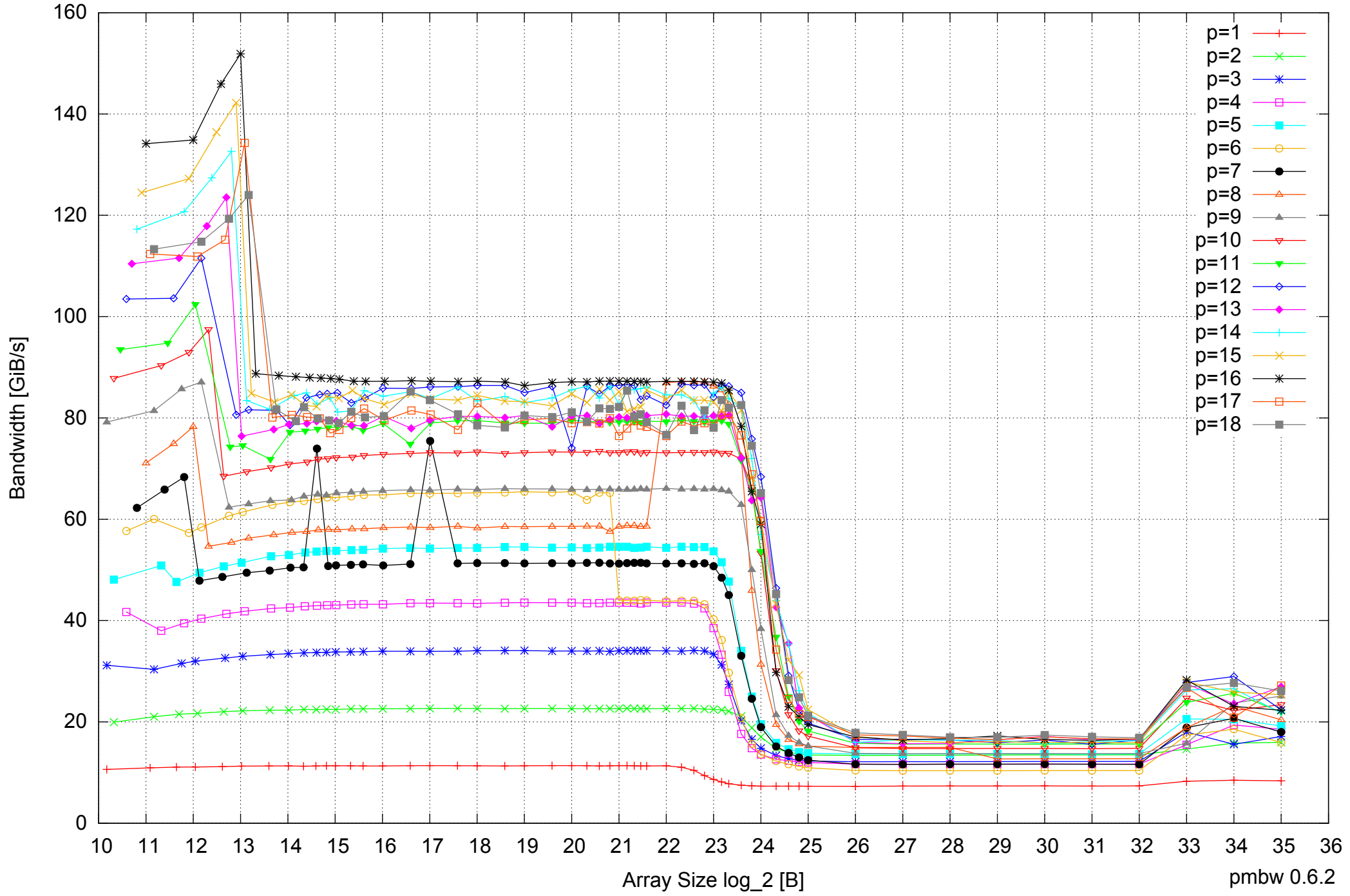
Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanWrite64IndexUnrollLoop



Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64IndexUnrollLoop

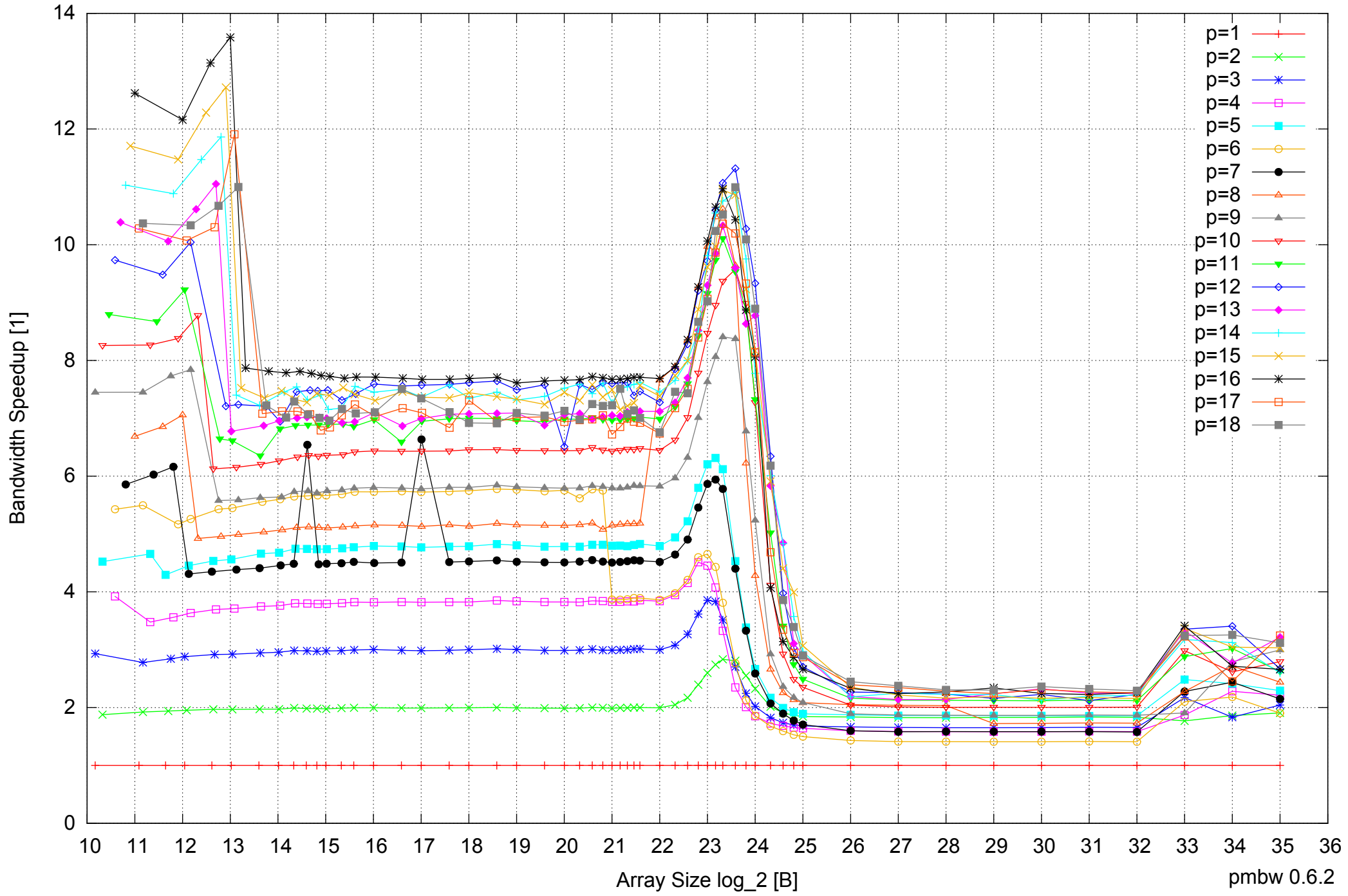


Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanRead64IndexSimpleLoop

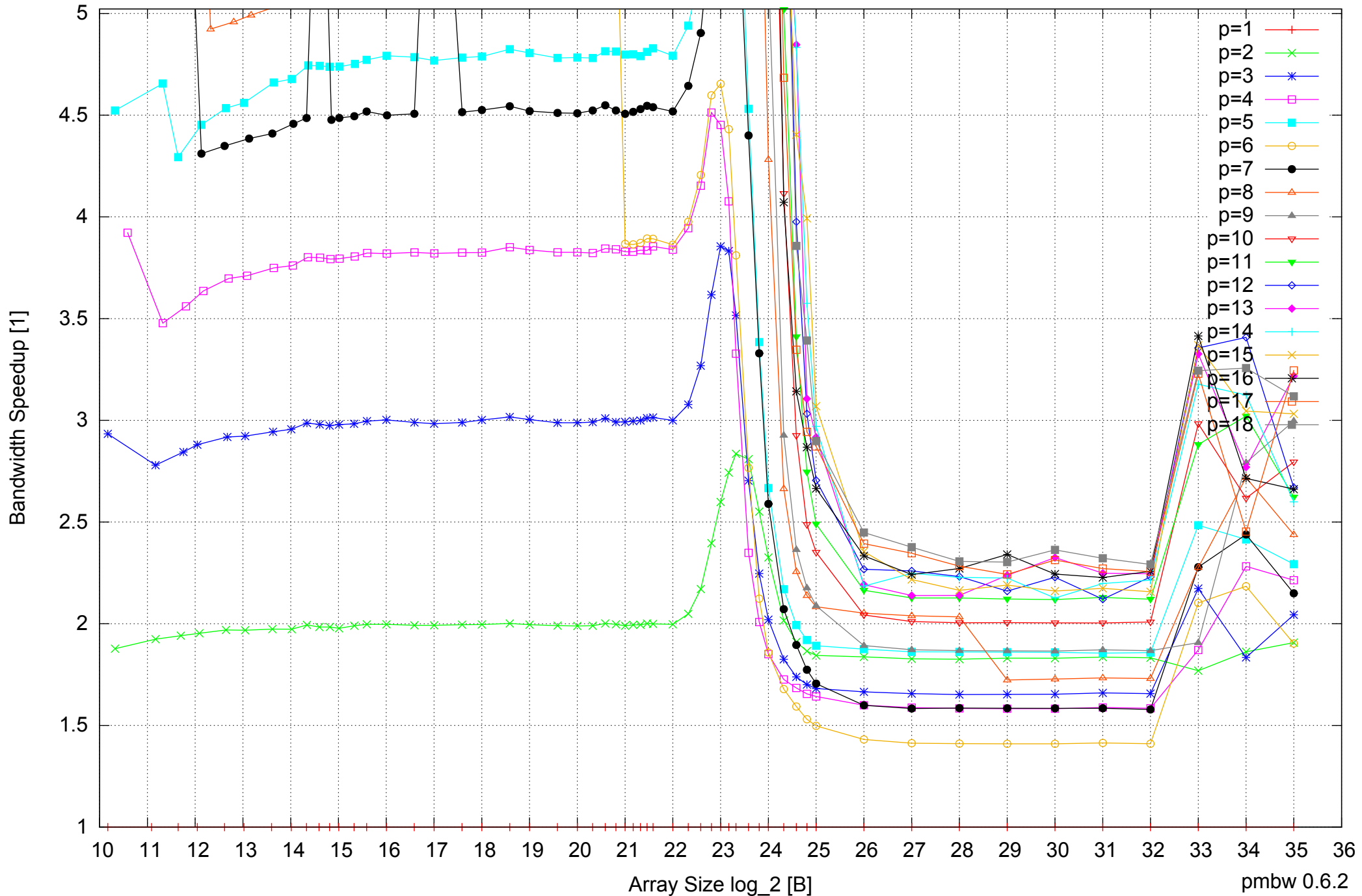




Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanRead64IndexSimpleLoop

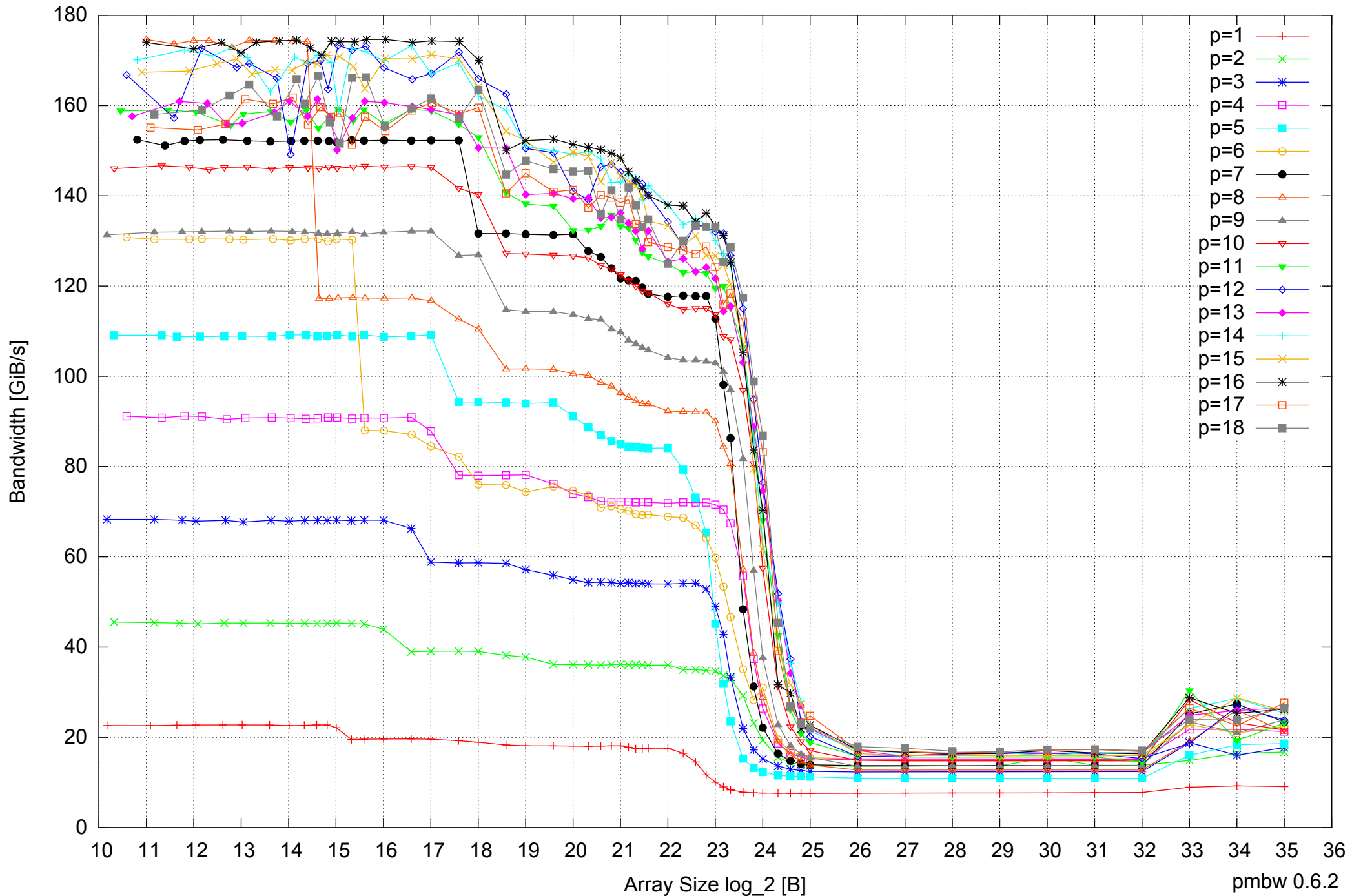


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64IndexSimpleLoop



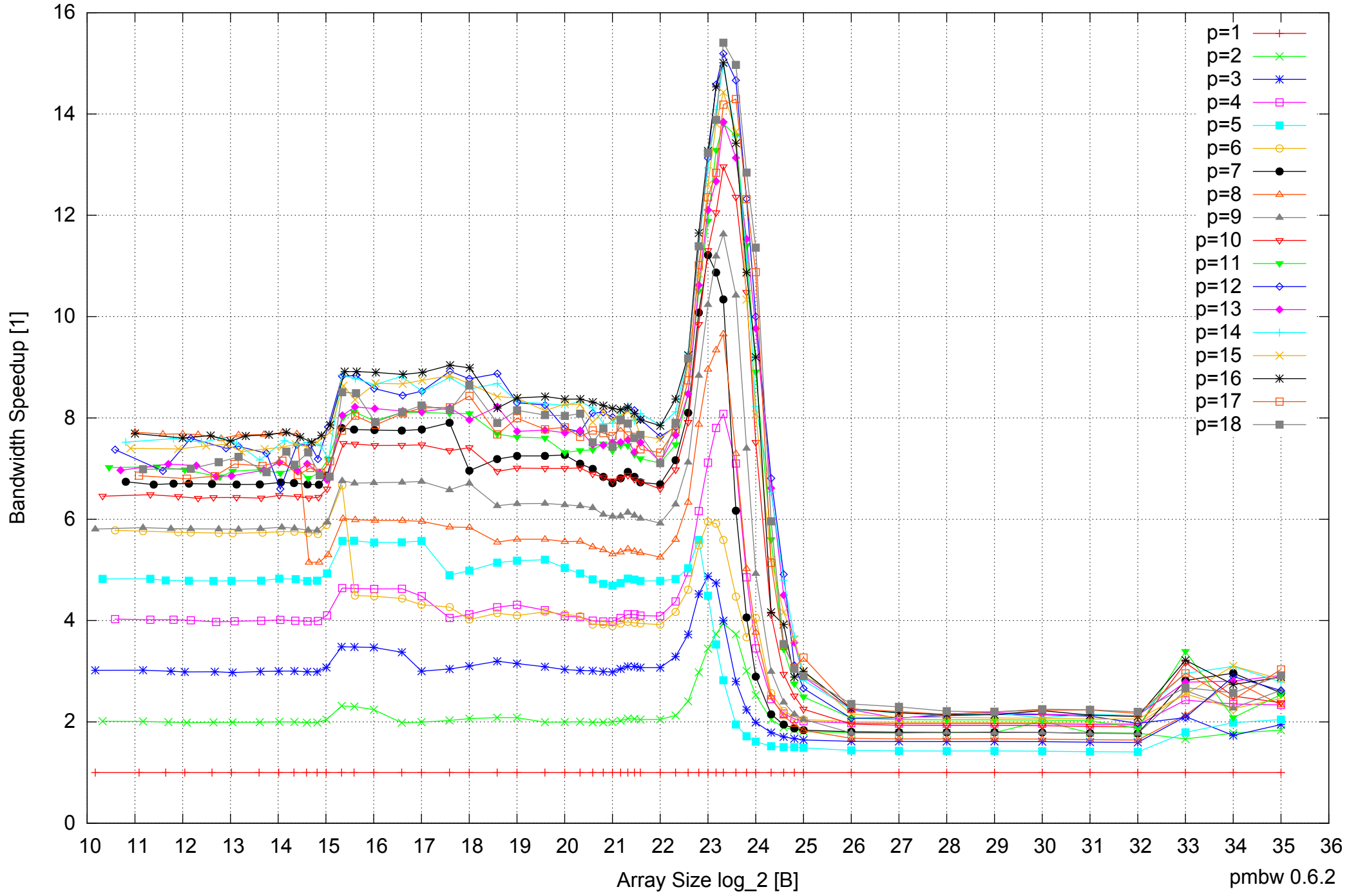


Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanRead64IndexUnrollLoop

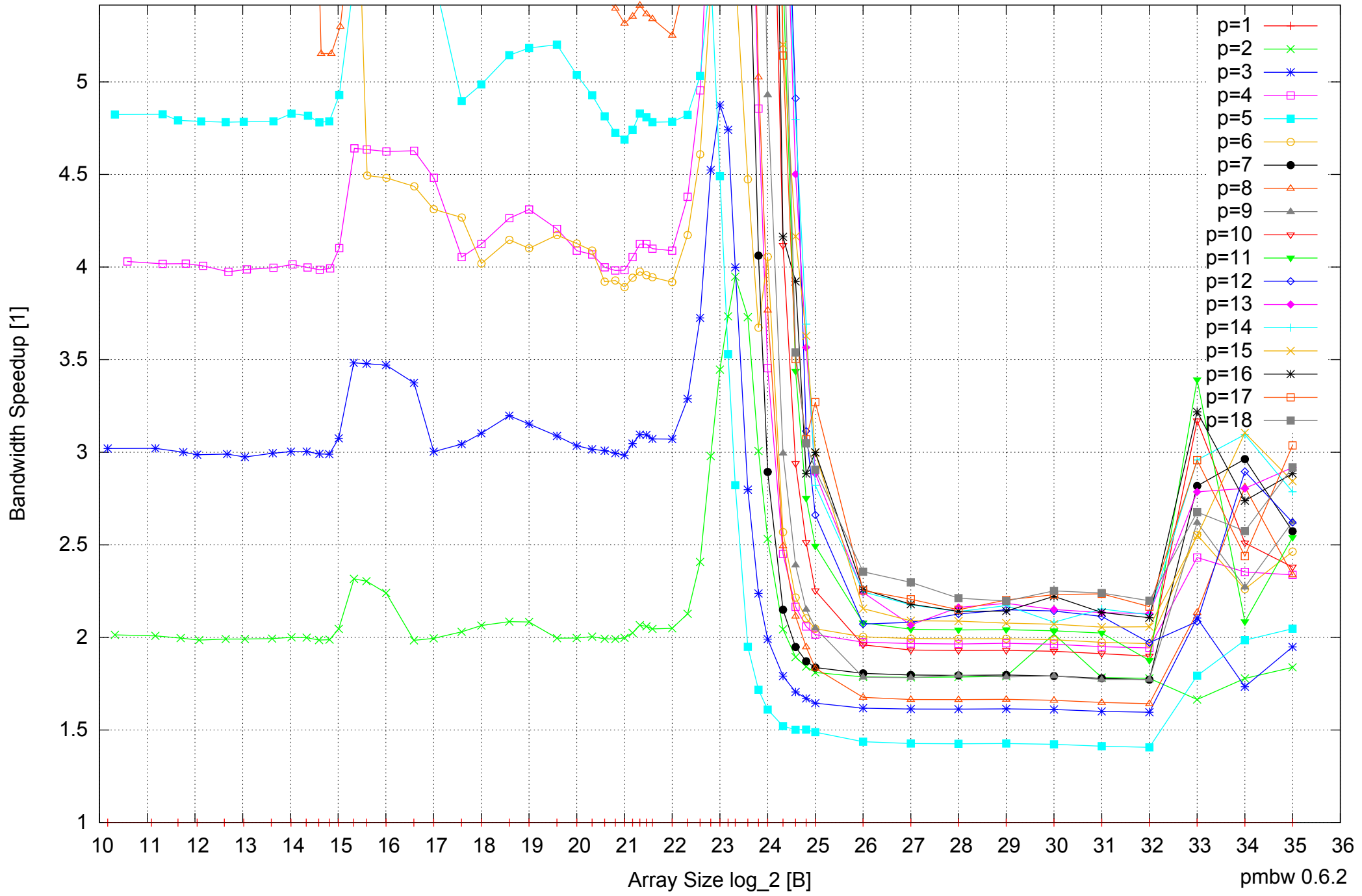




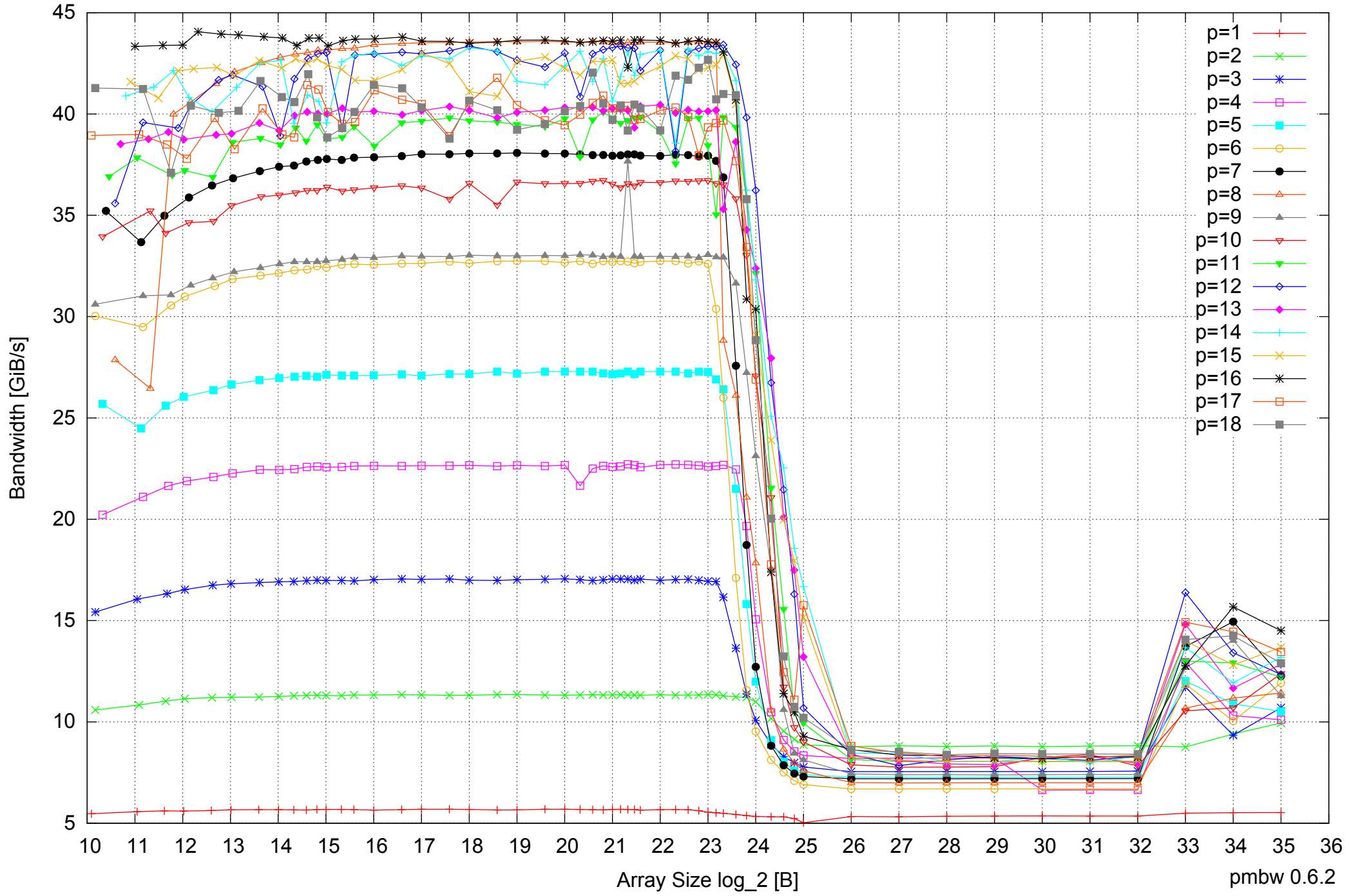
Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanRead64IndexUnrollLoop



Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64IndexUnrollLoop



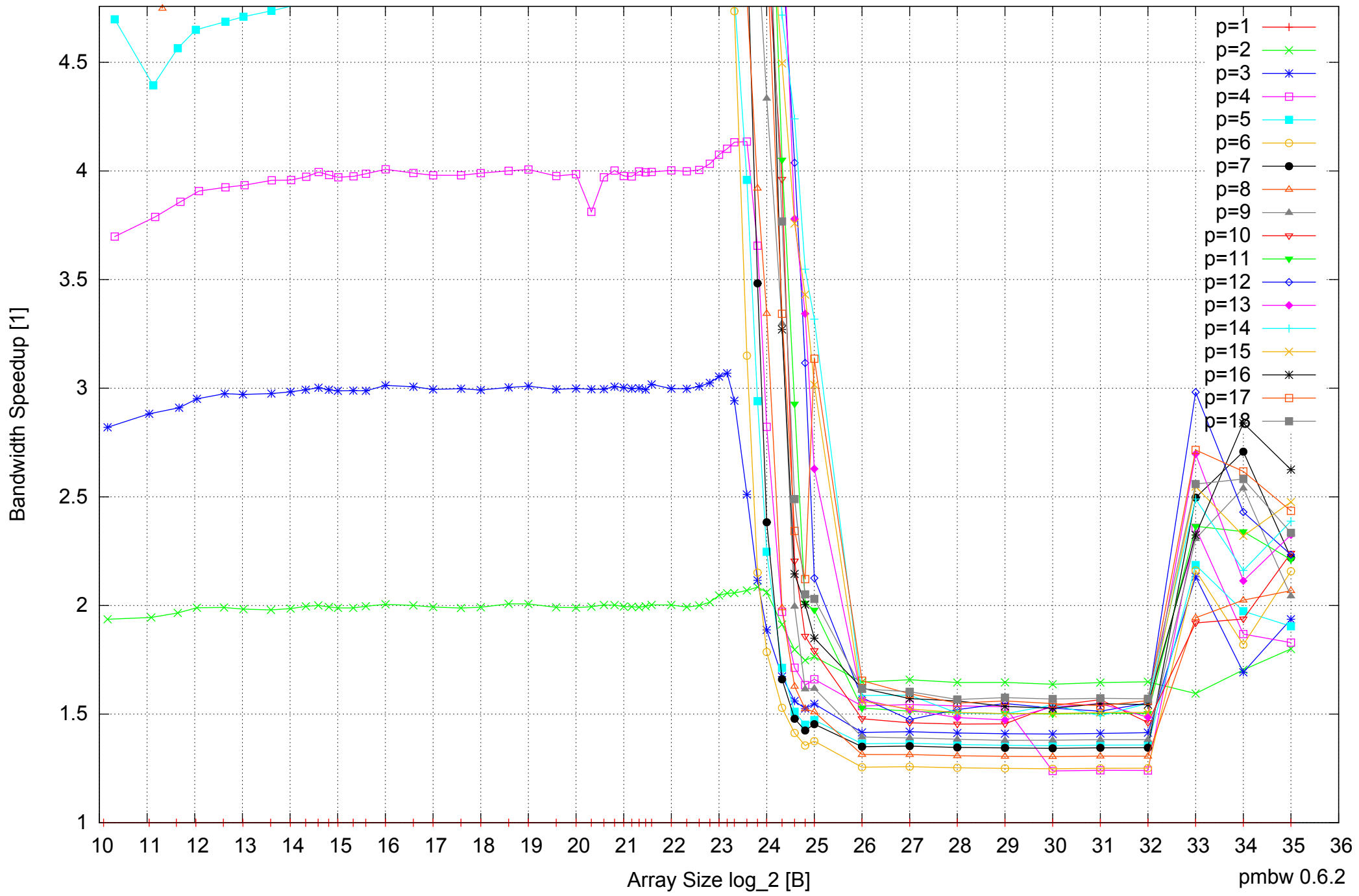
Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop





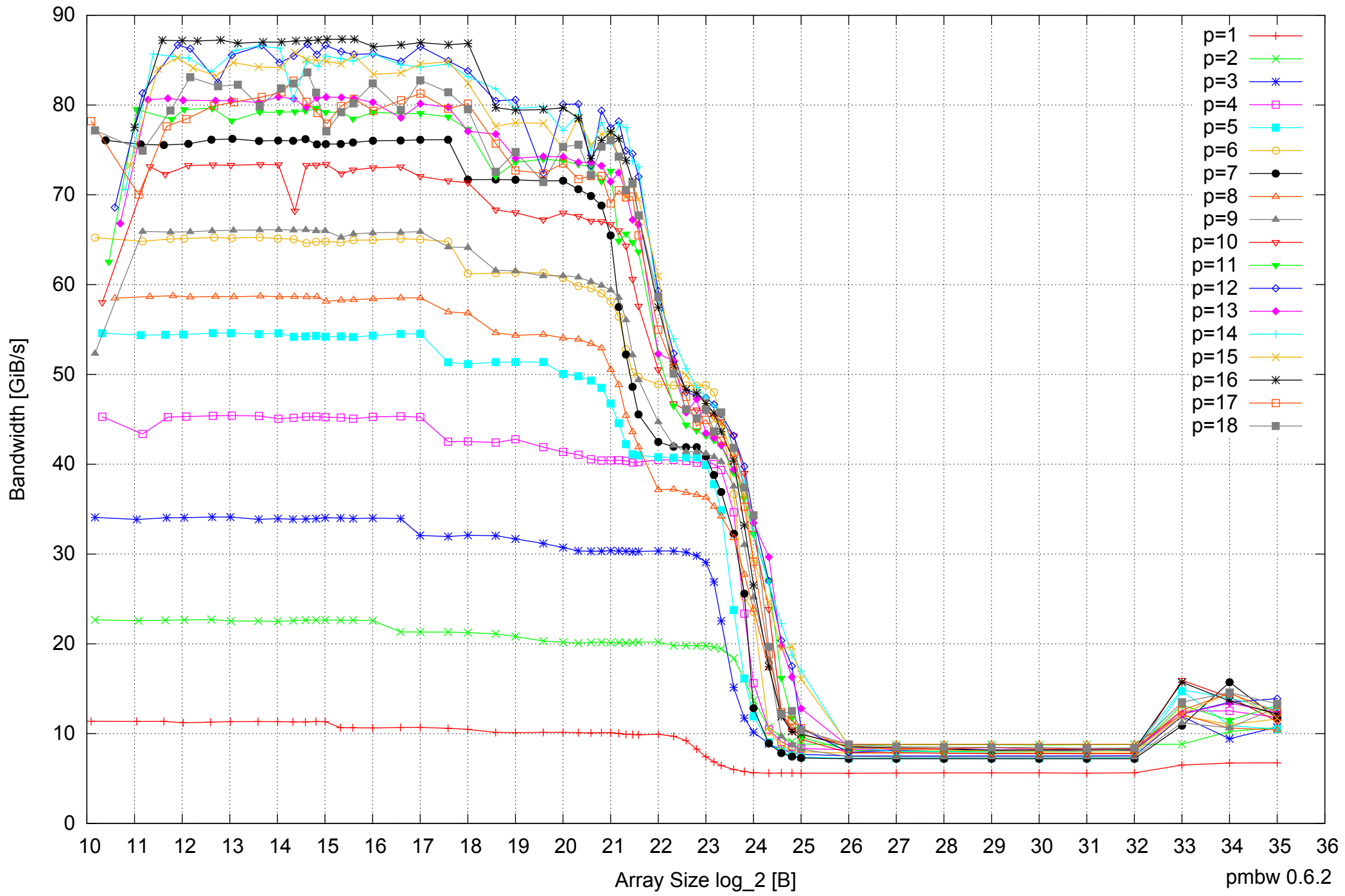


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32PtrSimpleLoop



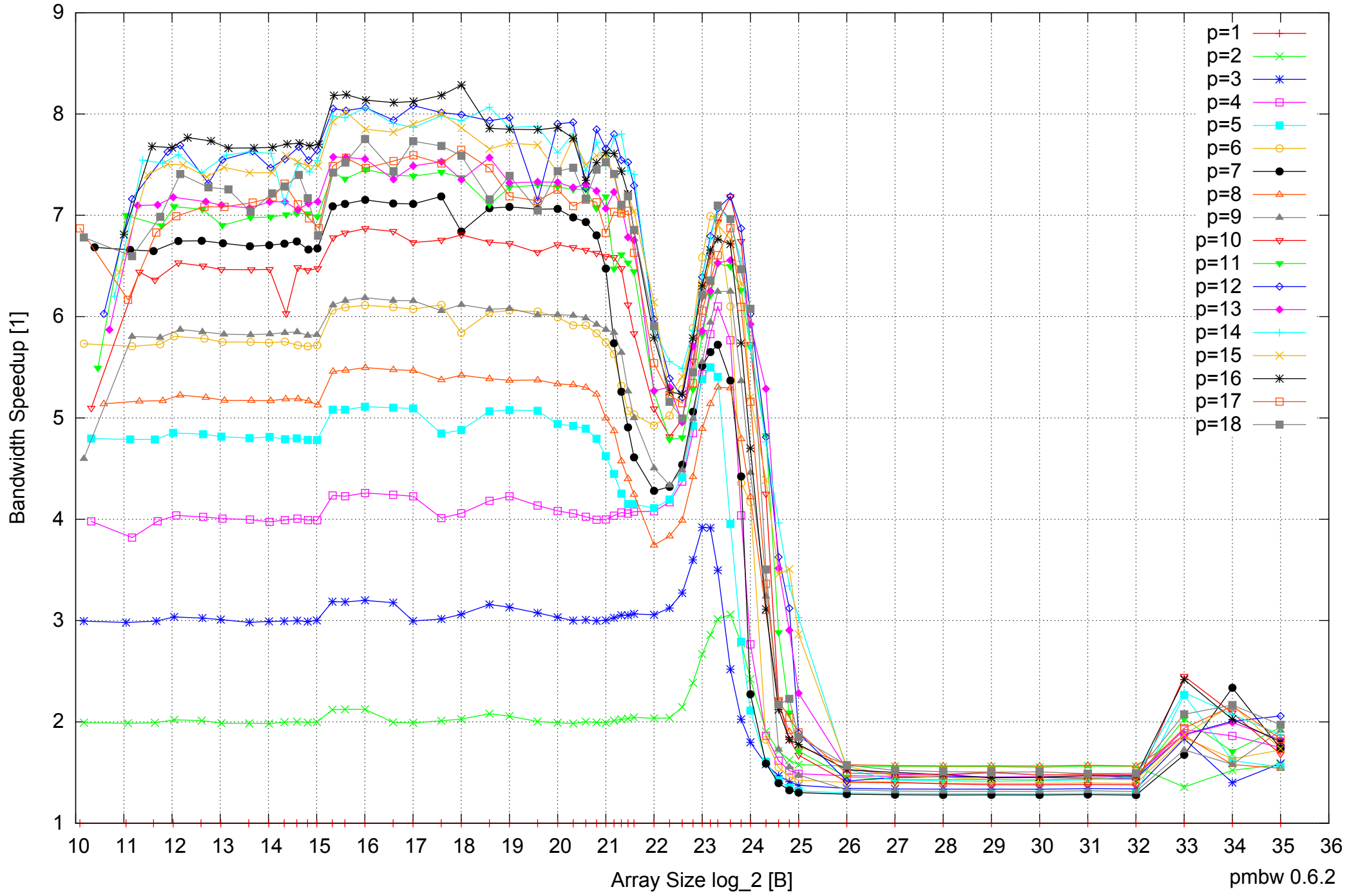


Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop



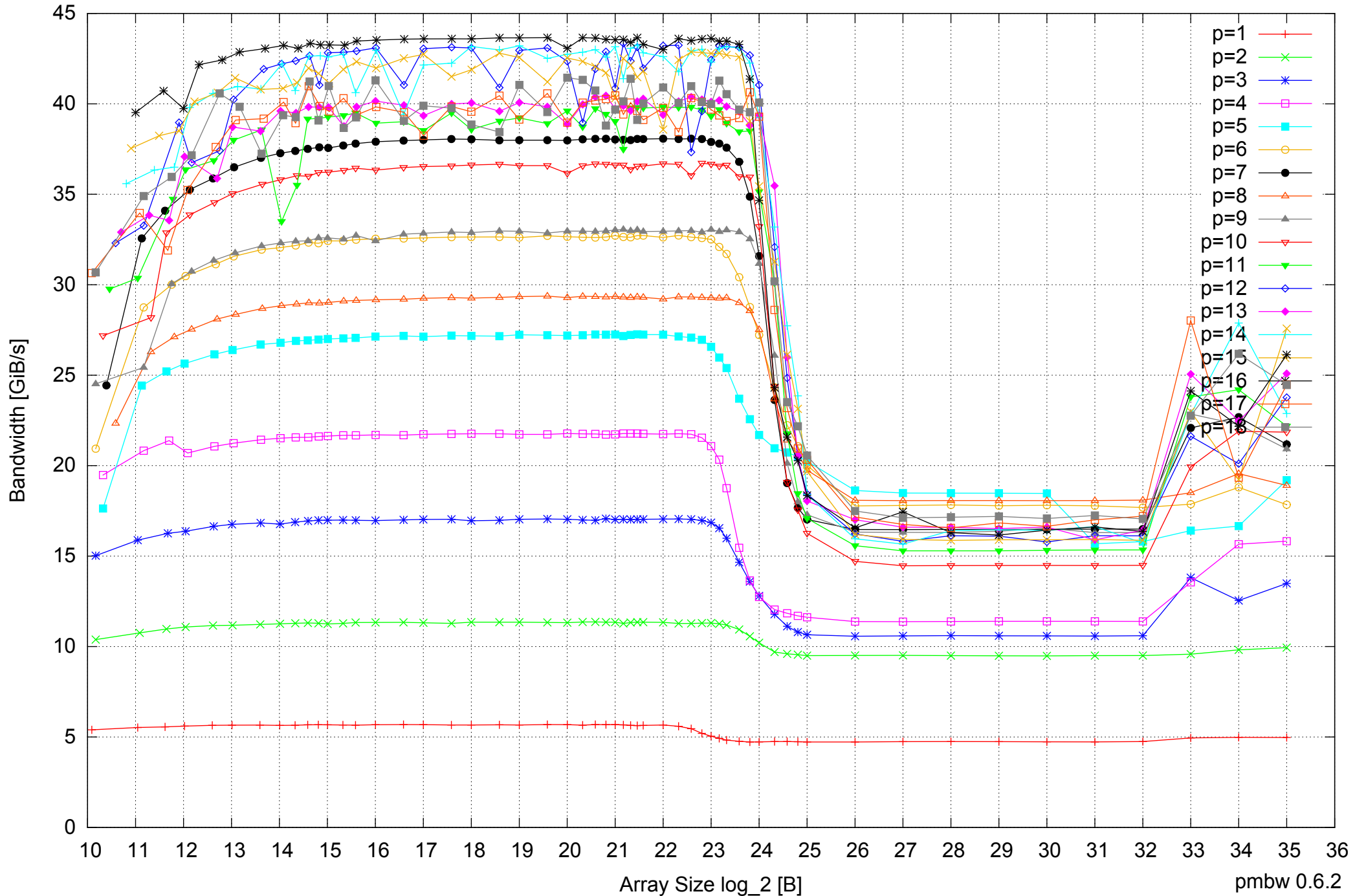


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop

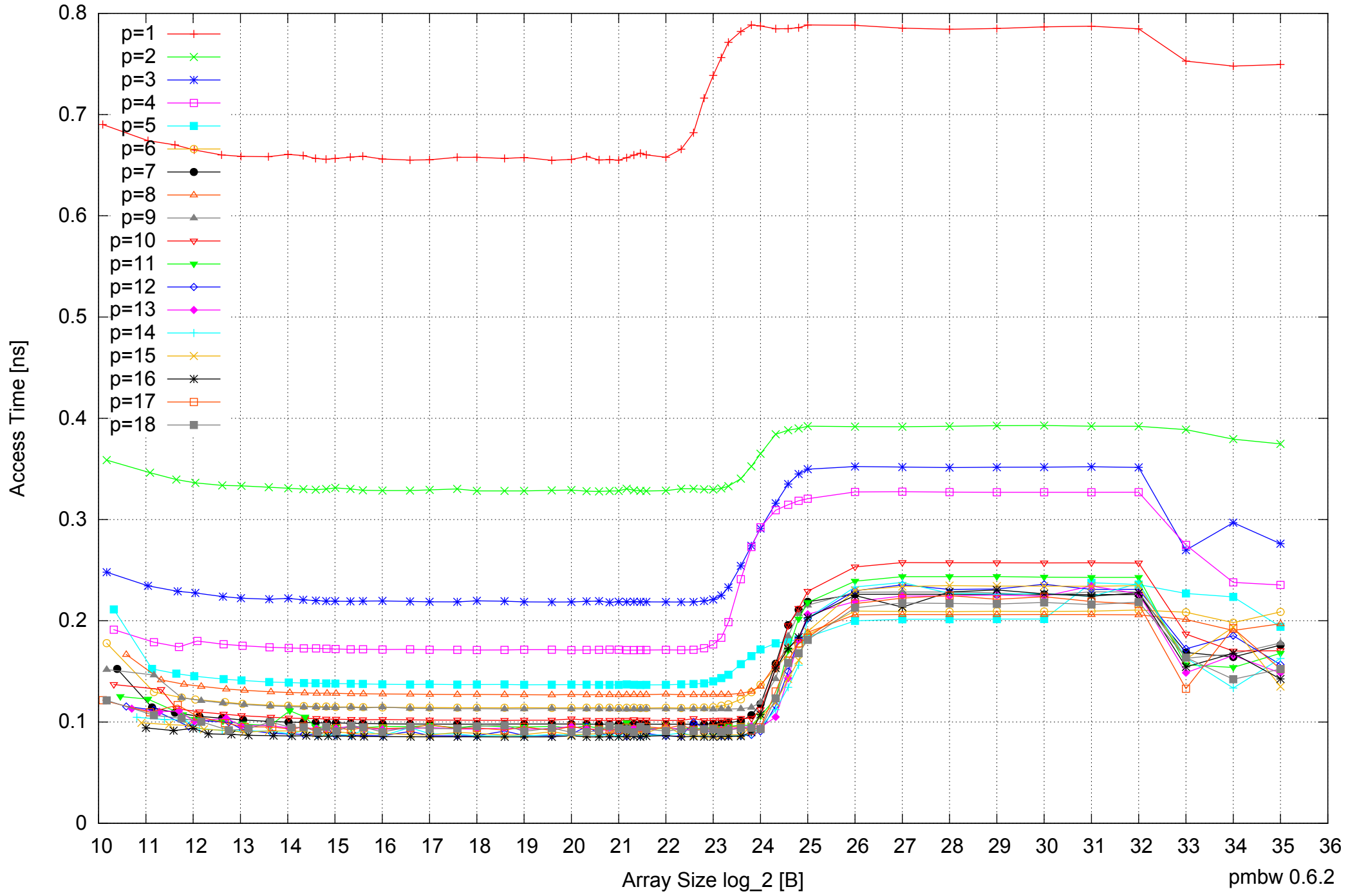




Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop

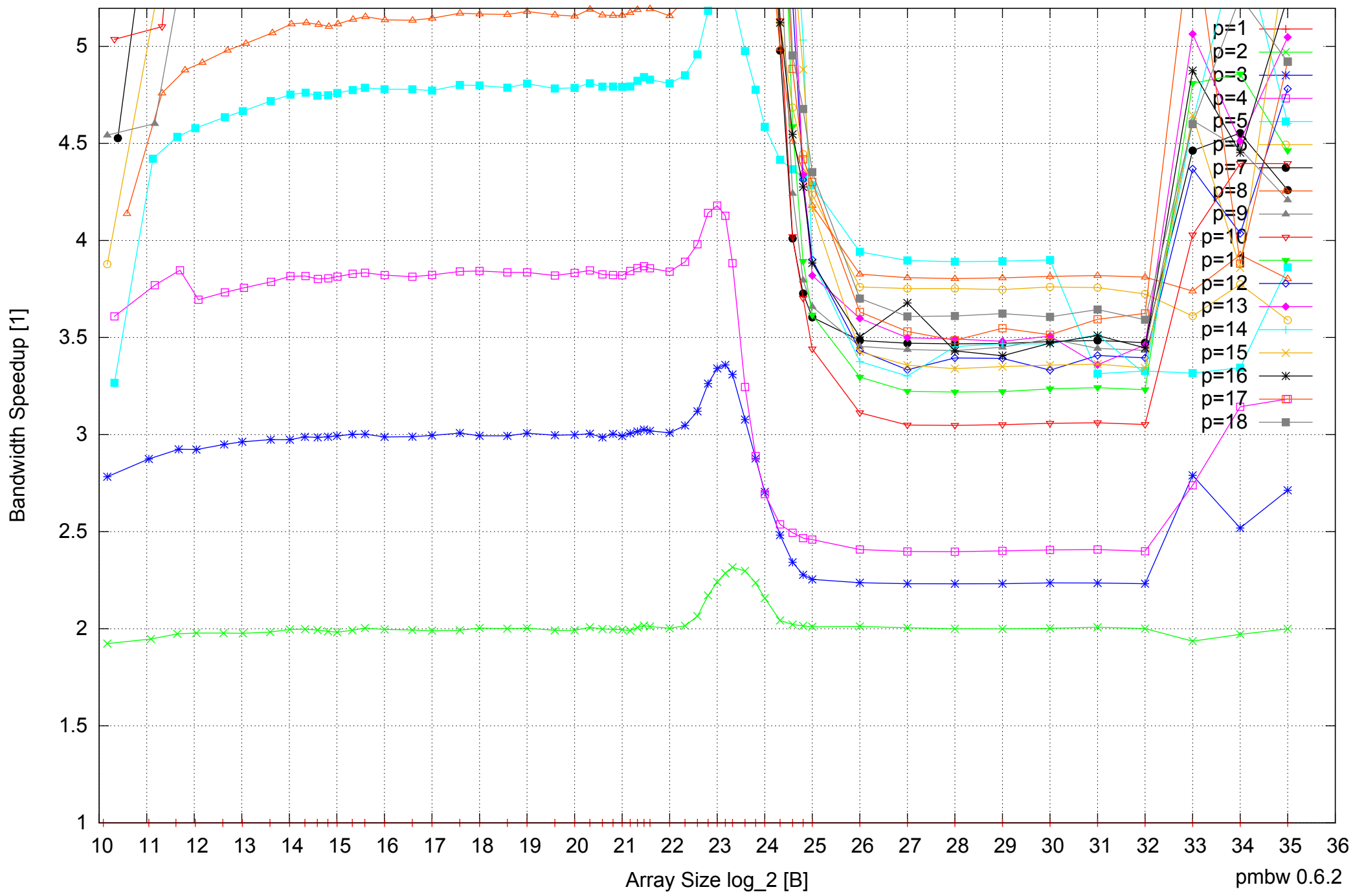


Intel Xeon X5550 48GB - Parallel Memory Access Time - ScanRead32PtrSimpleLoop



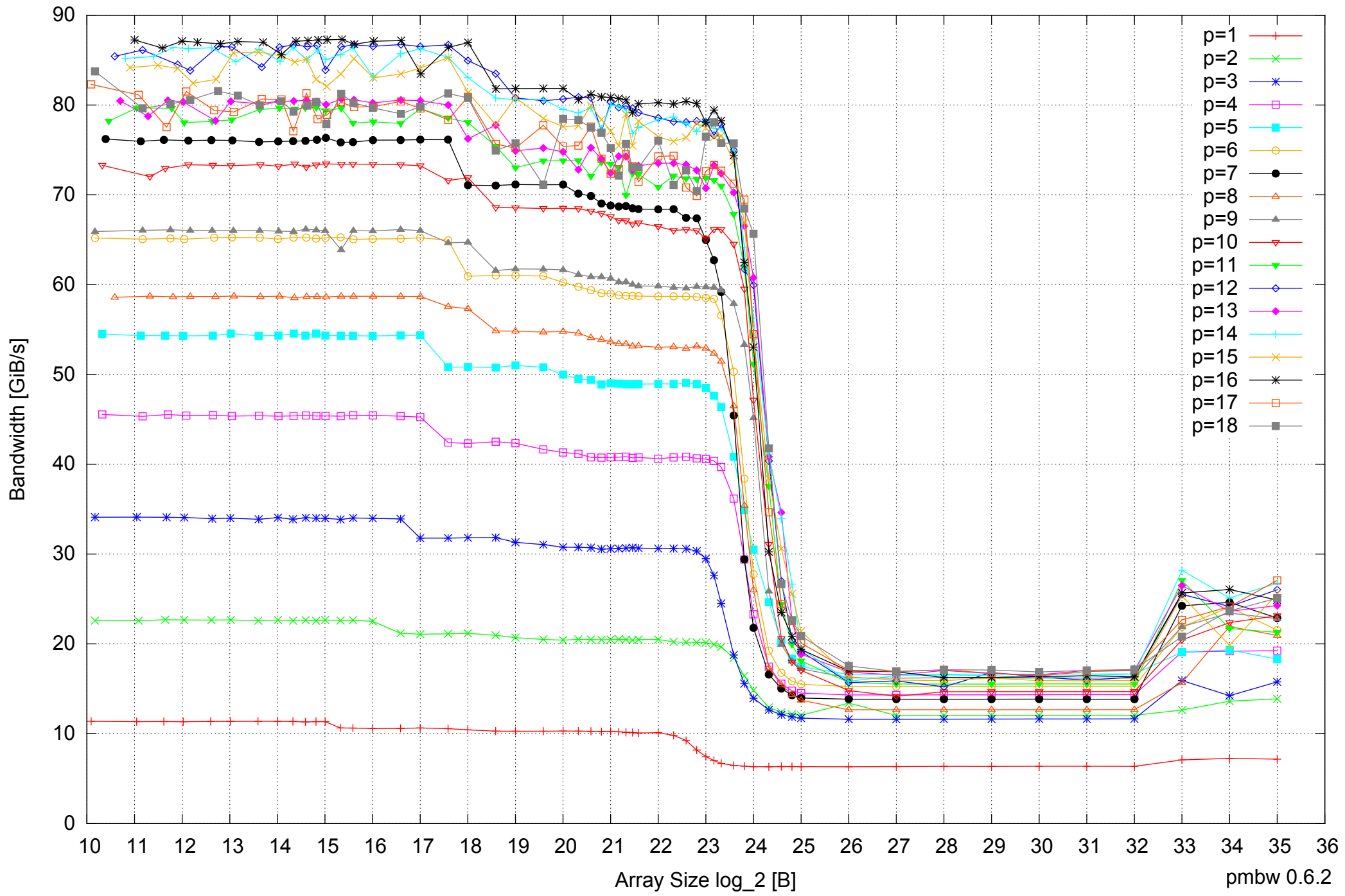


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32PtrSimpleLoop



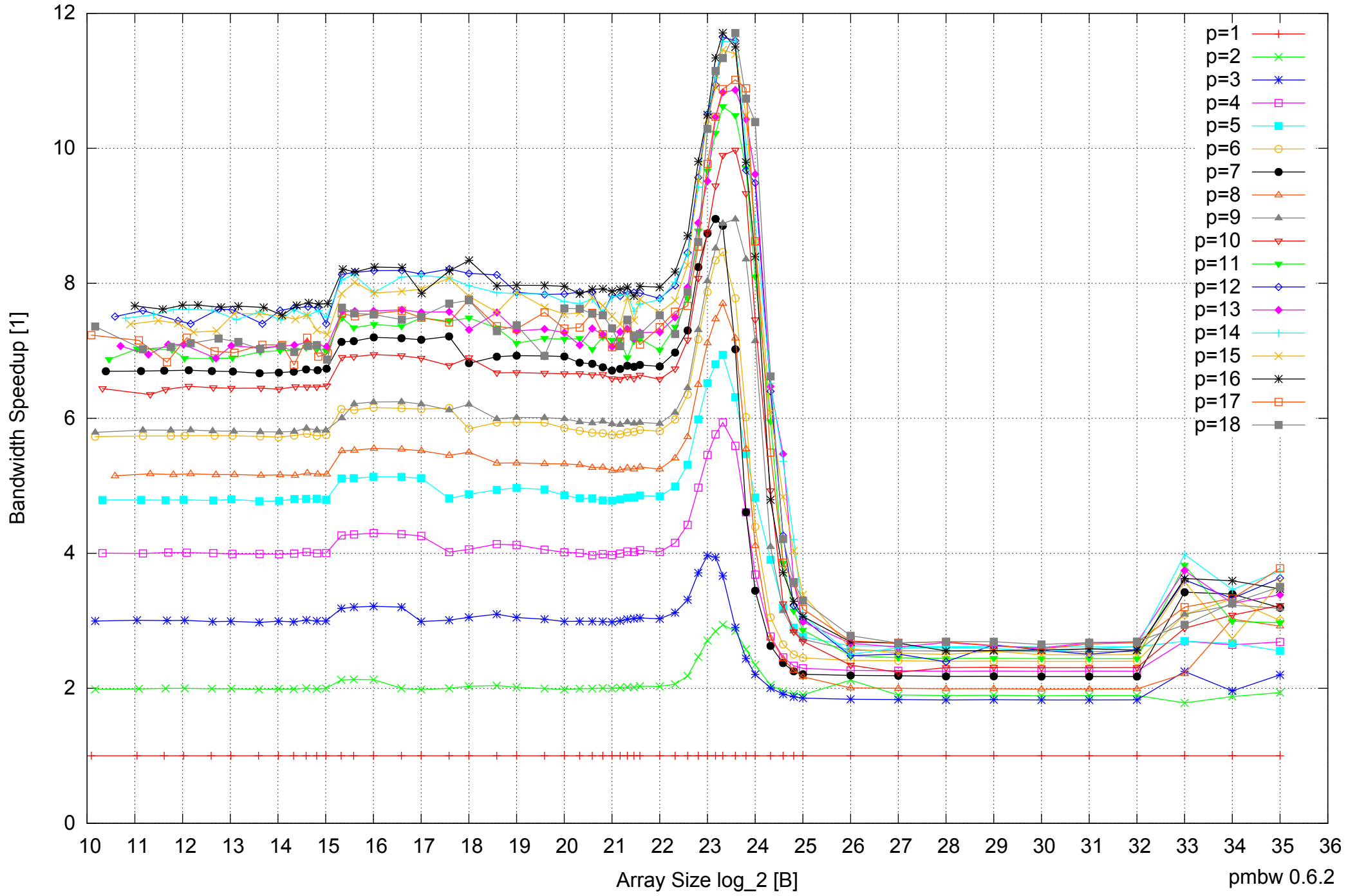


Intel Xeon X5550 48GB - Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop



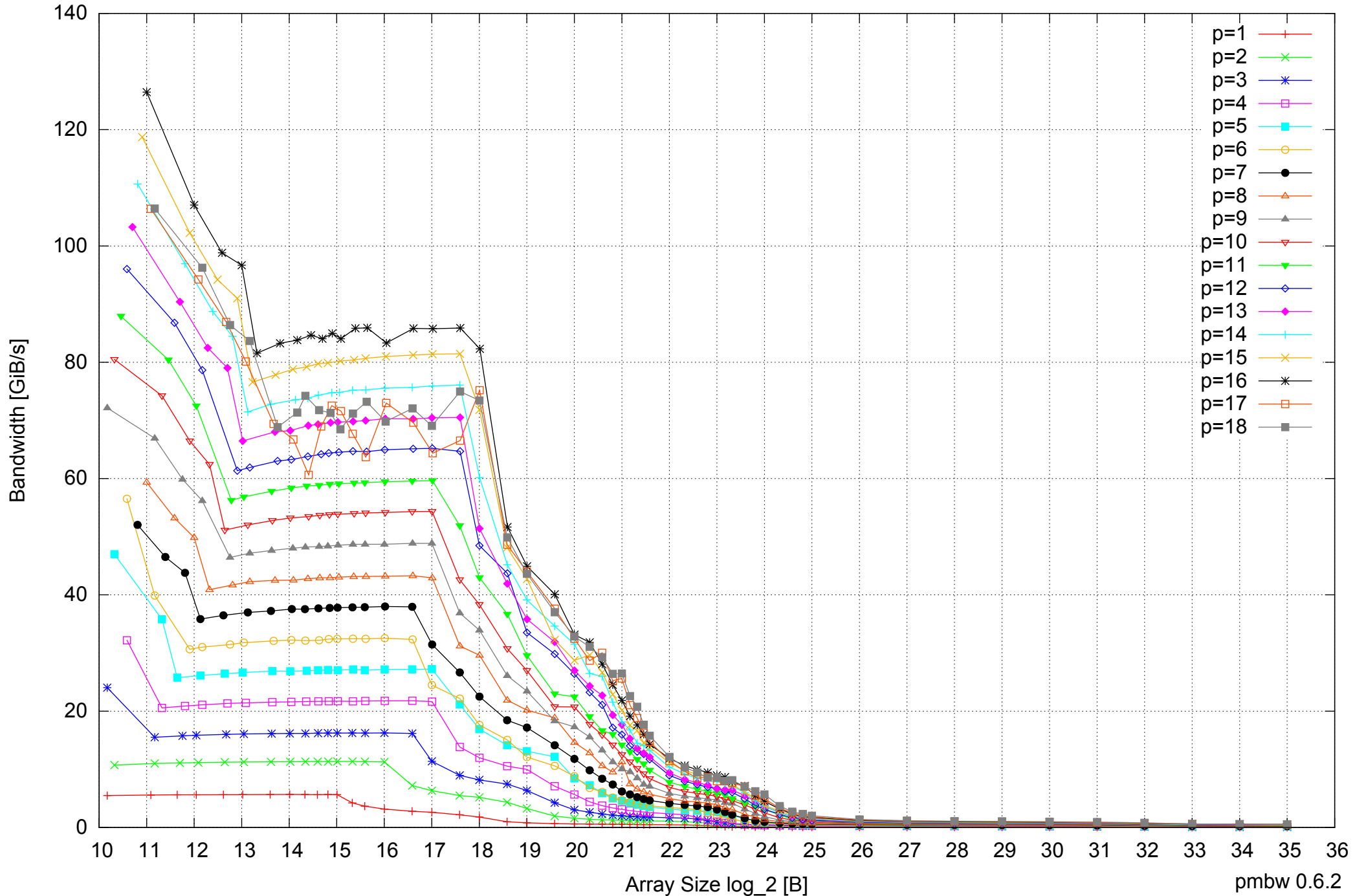


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop



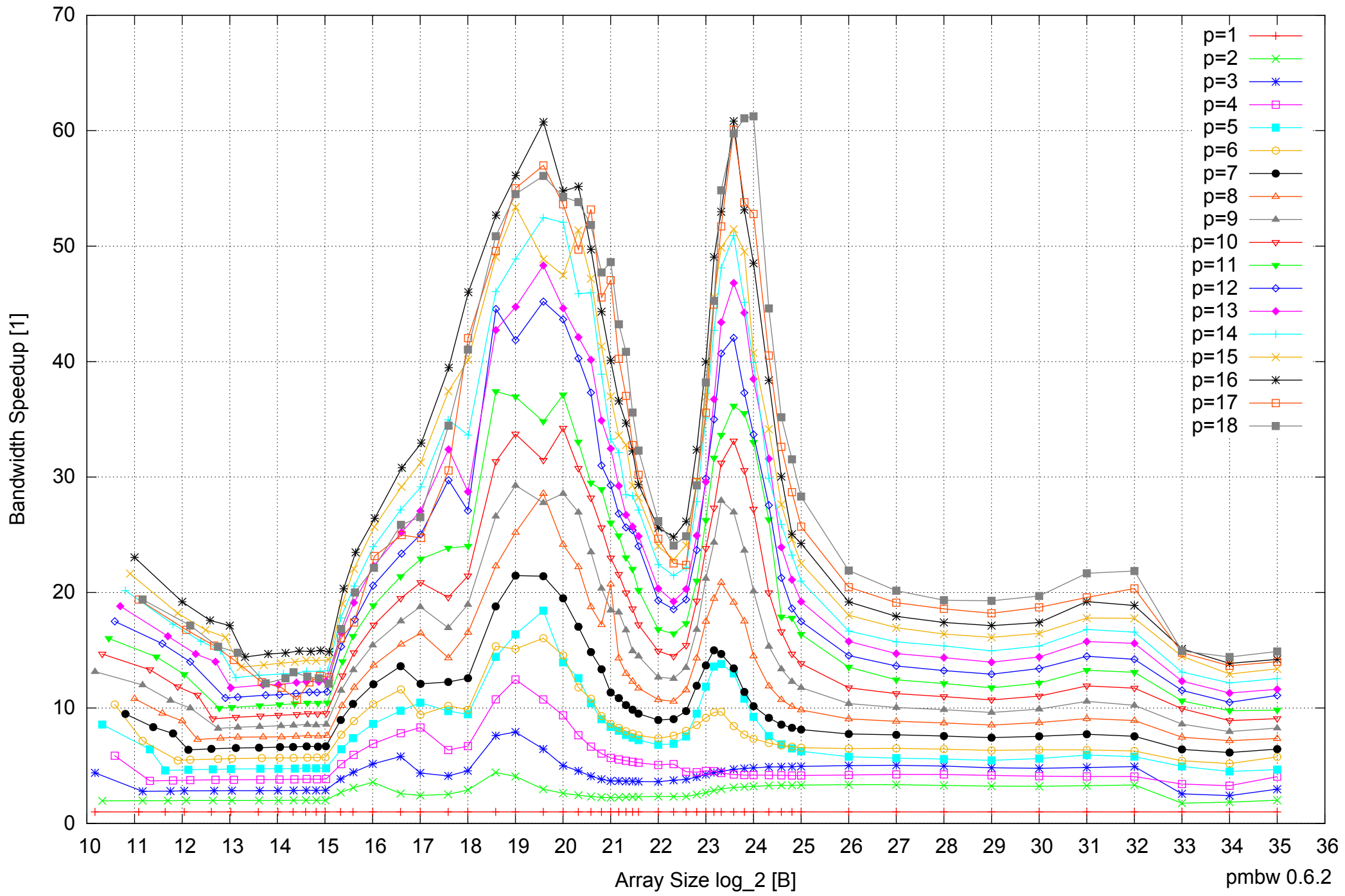


Intel Xeon X5550 48GB - Parallel Memory Bandwidth - PermRead64SimpleLoop

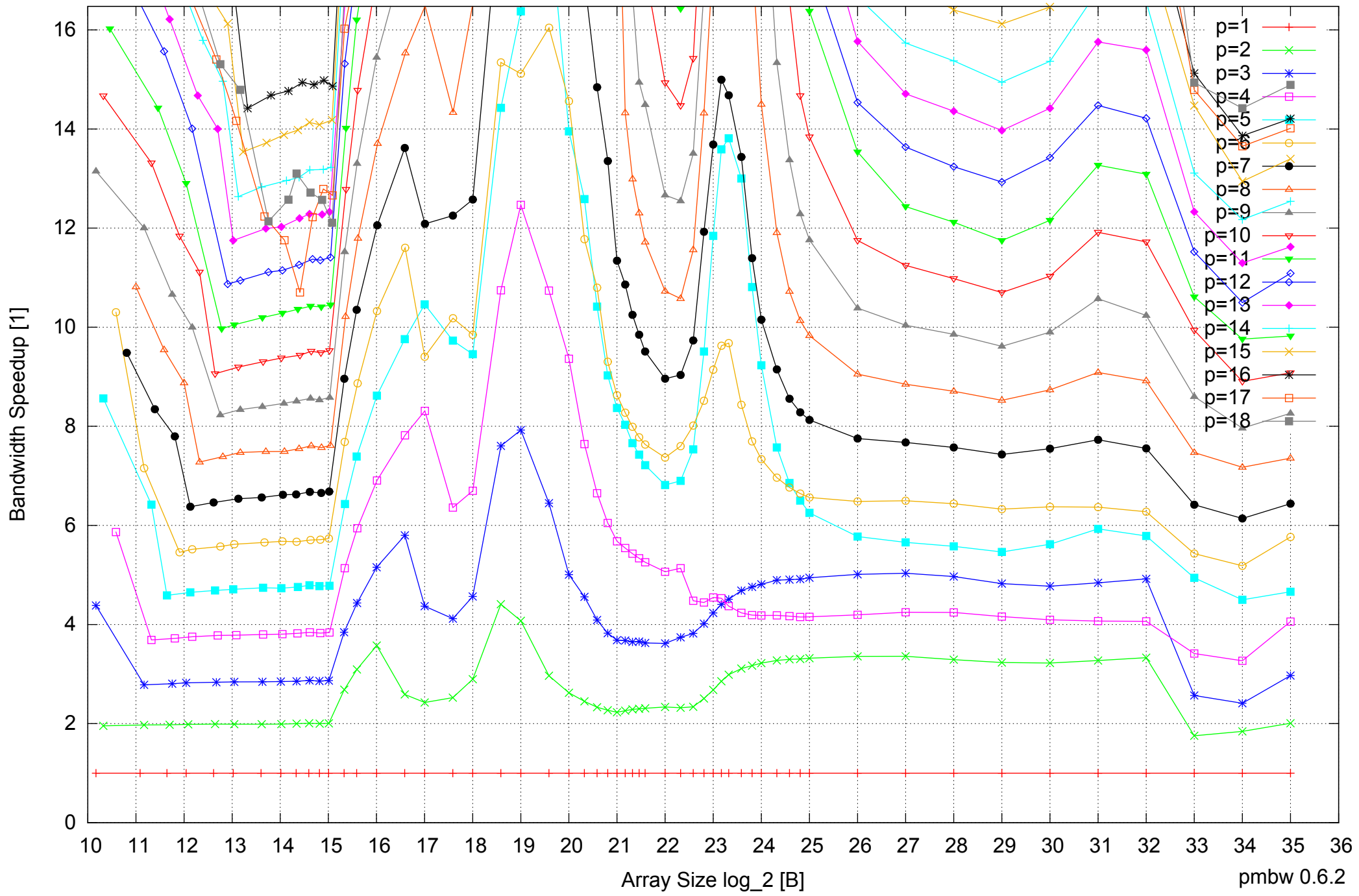




Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - PermRead64SimpleLoop

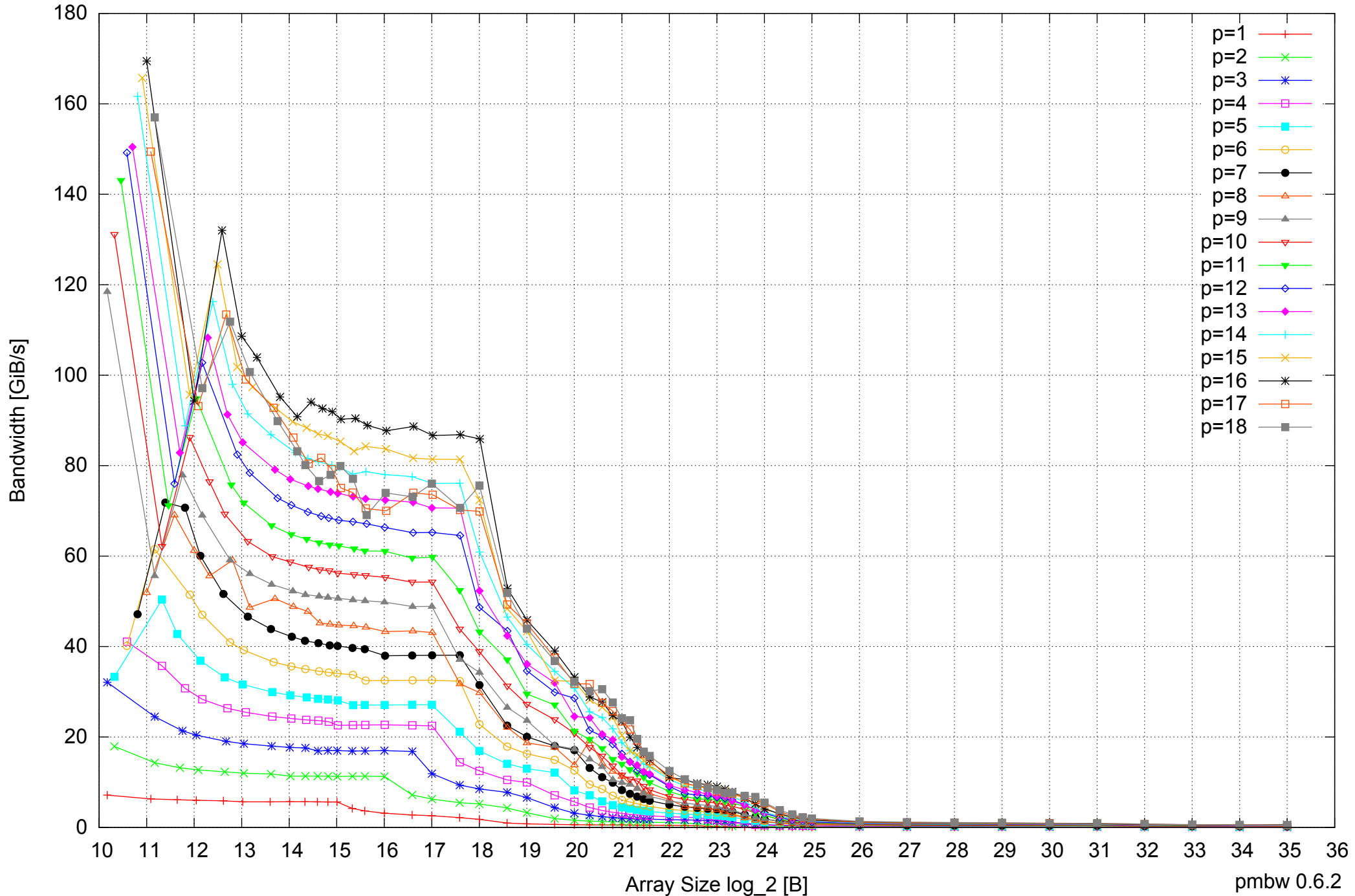


Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64SimpleLoop

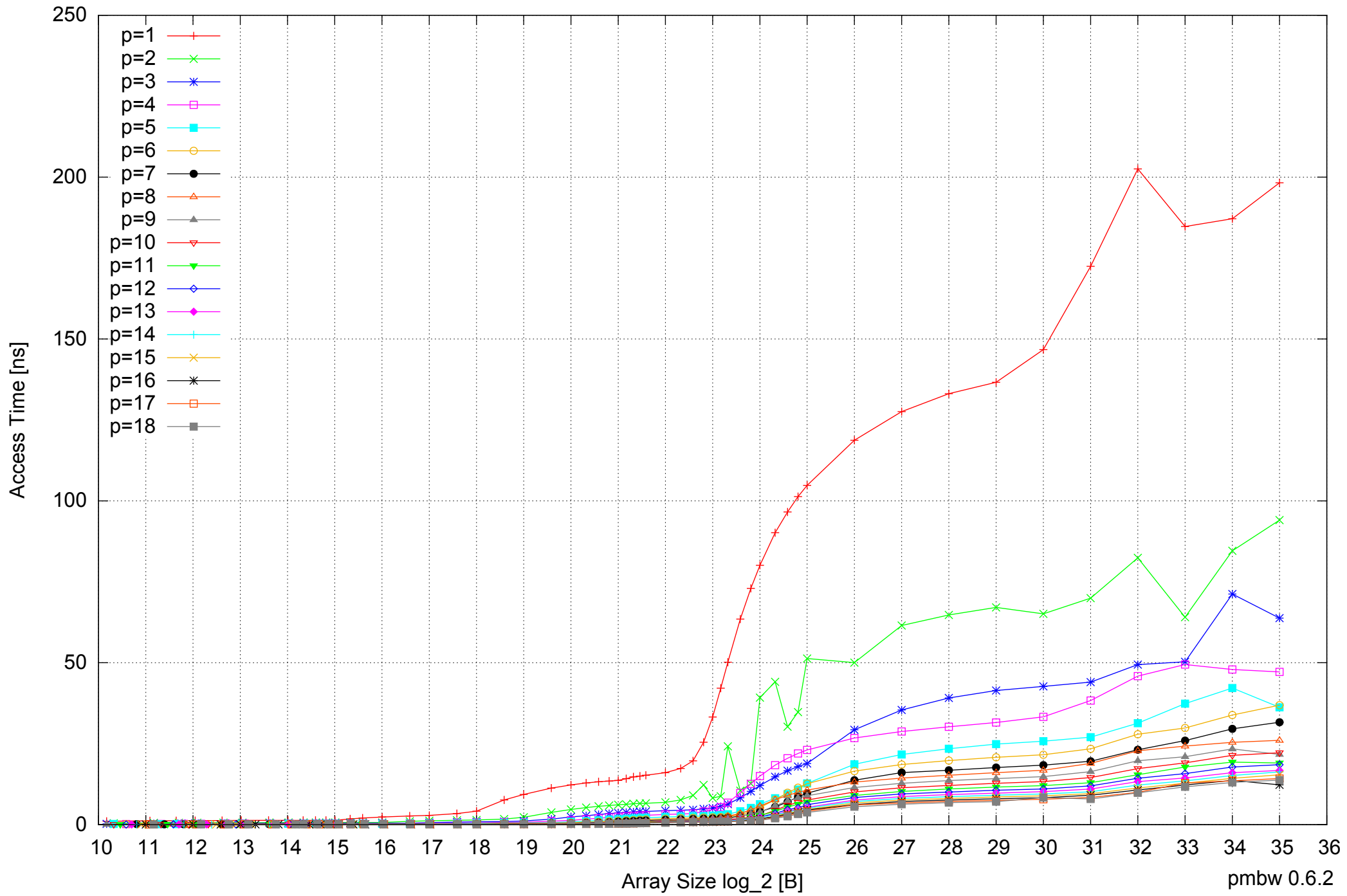




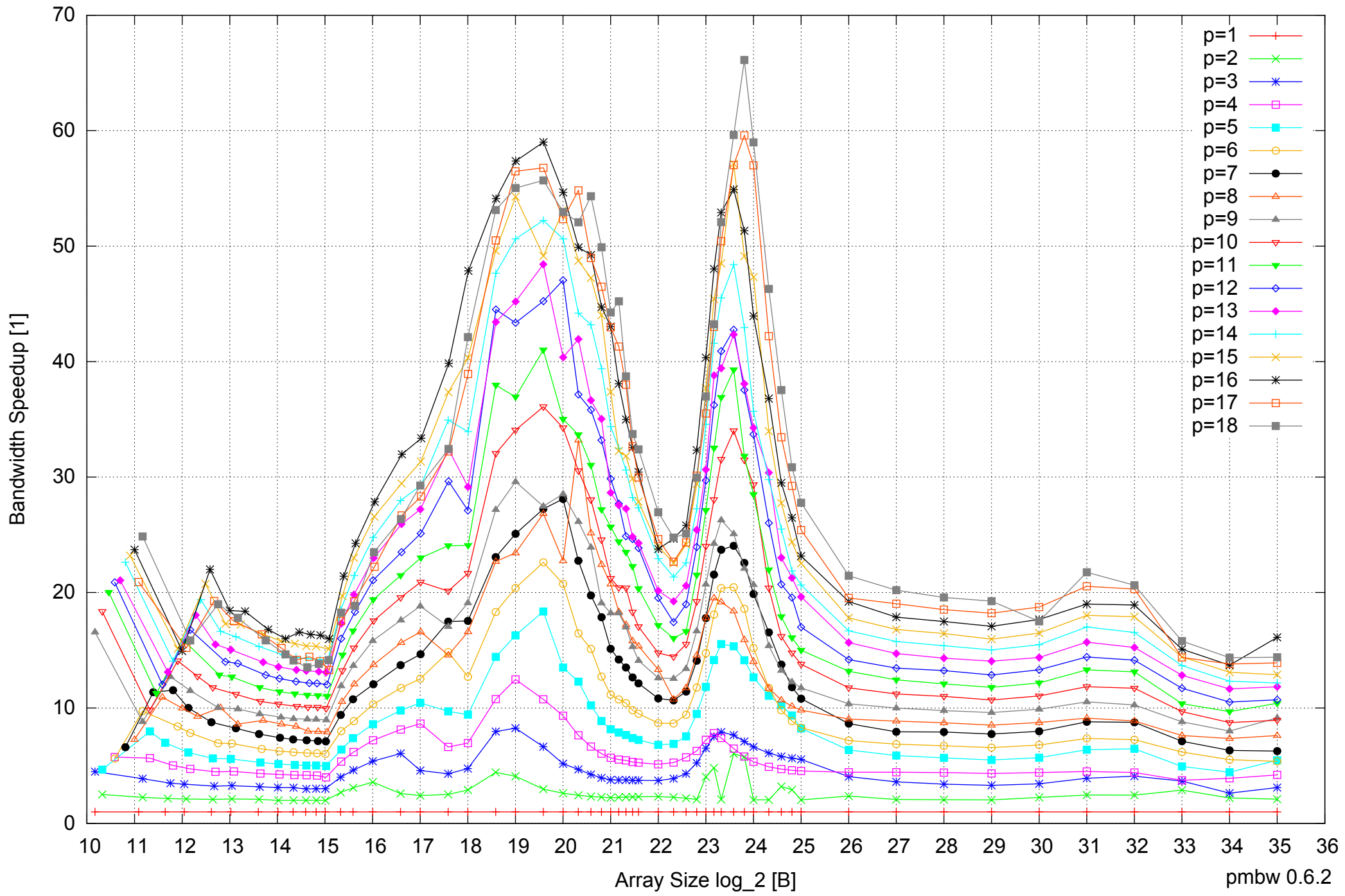
Intel Xeon X5550 48GB - Parallel Memory Bandwidth - PermRead64UnrollLoop



Intel Xeon X5550 48GB - Parallel Memory Access Time - PermRead64UnrollLoop



Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth - PermRead64UnrollLoop



Intel Xeon X5550 48GB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64UnrollLoop

