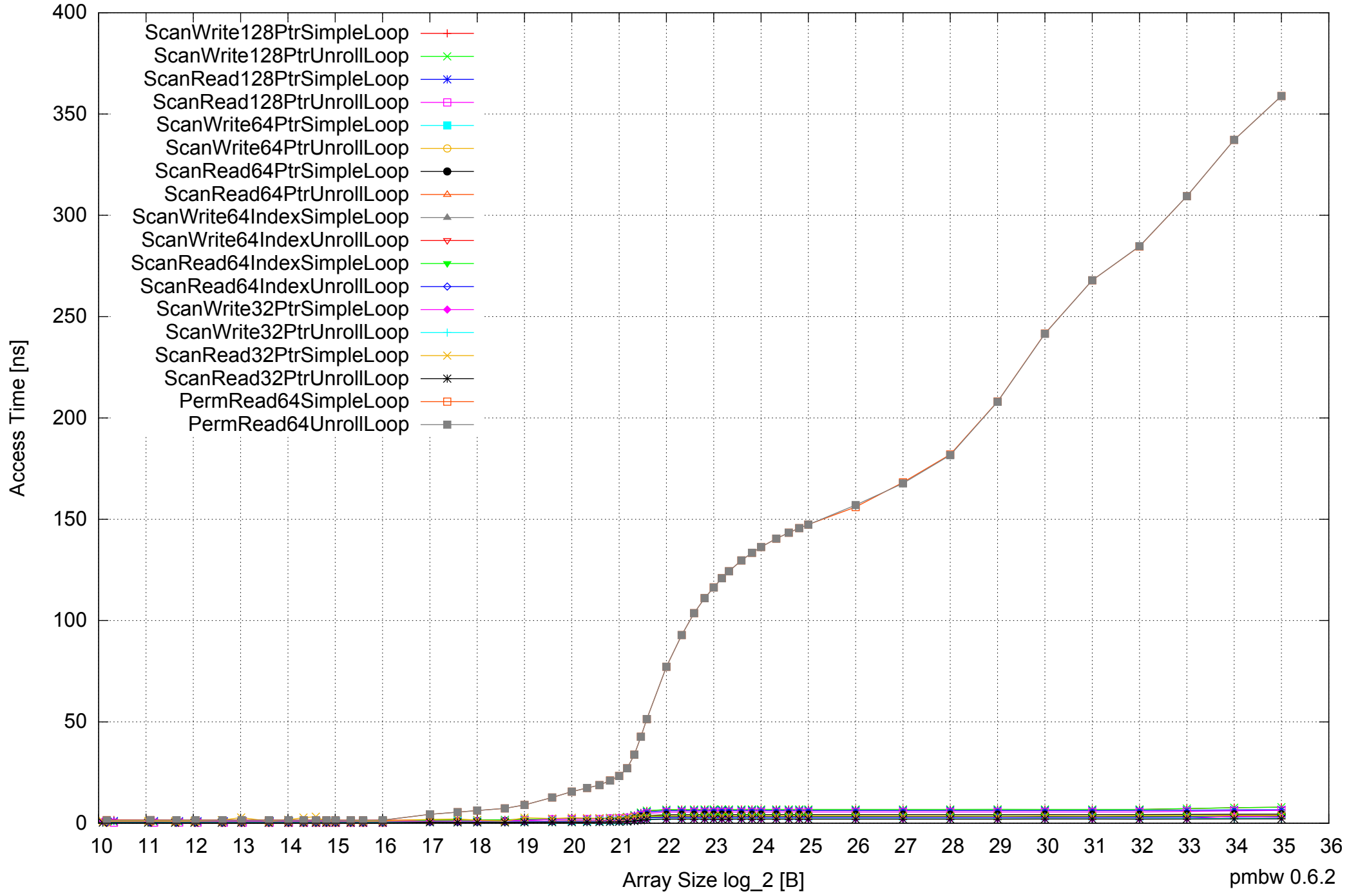


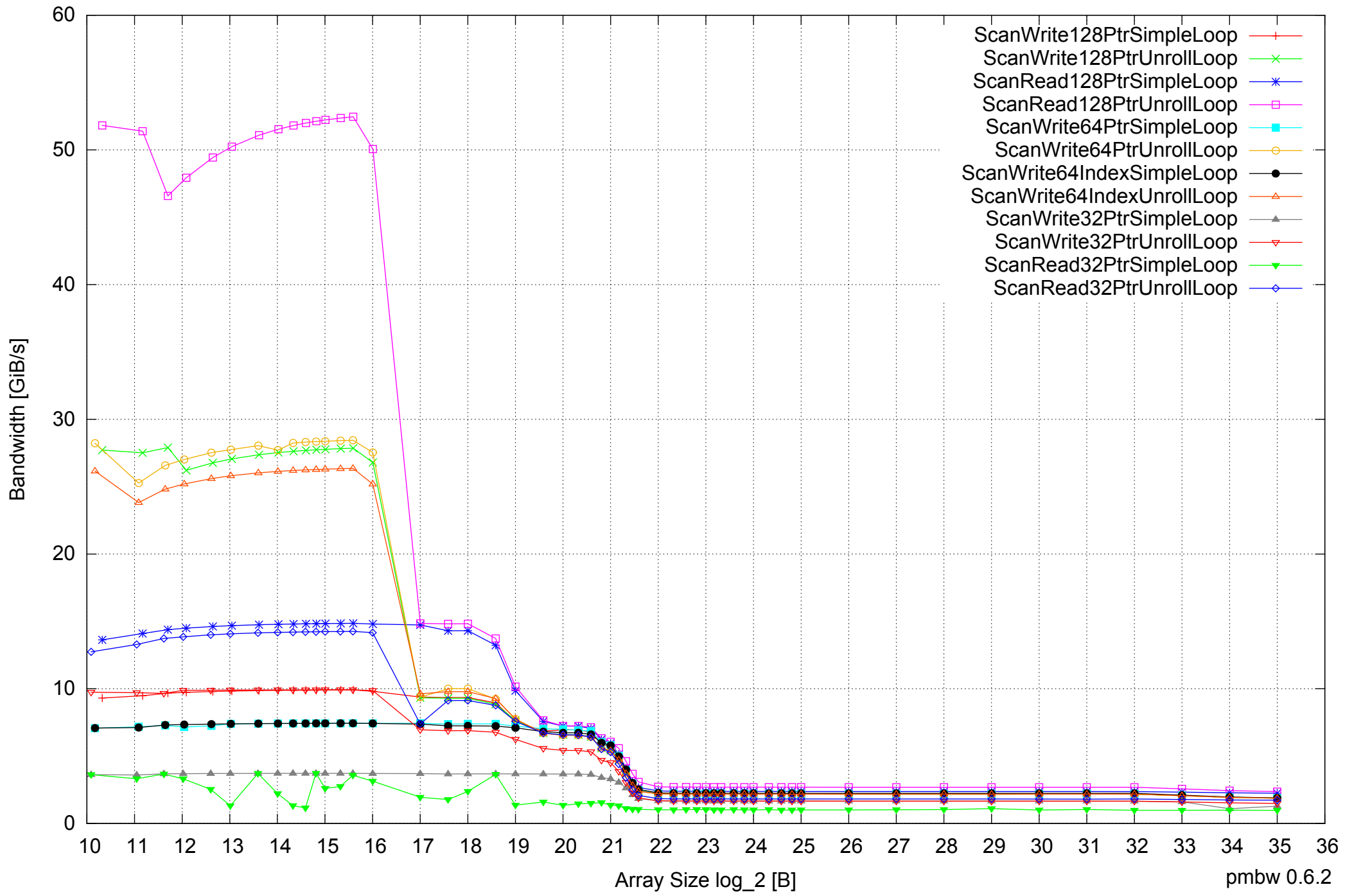


AMD Optron 8350 64GB - One Thread Memory Latency (Access Time)

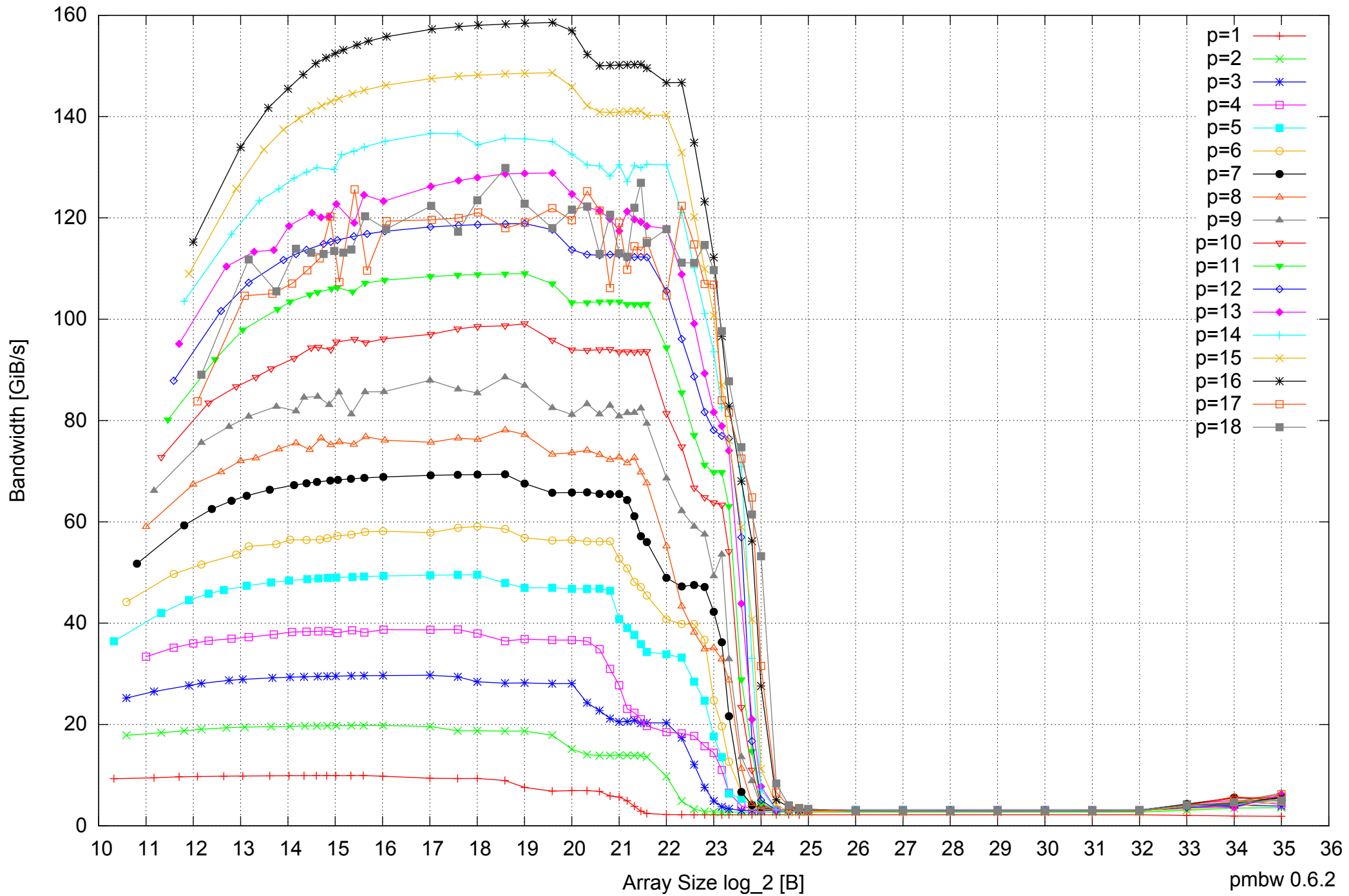




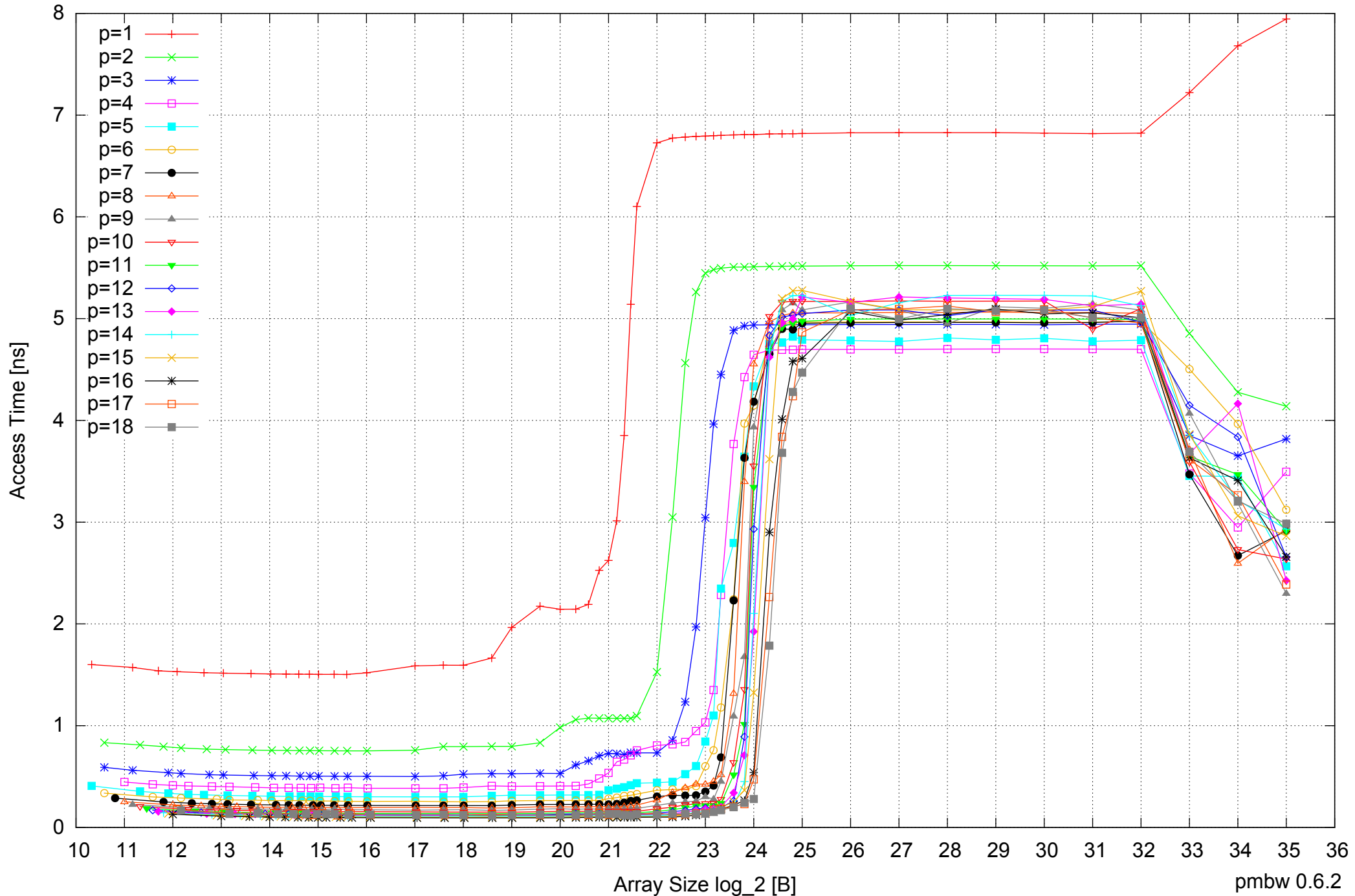
AMD Opteron 8350 64GB - One Thread Memory Bandwidth (only 64-bit Reads)



AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanWrite128PtrSimpleLoop



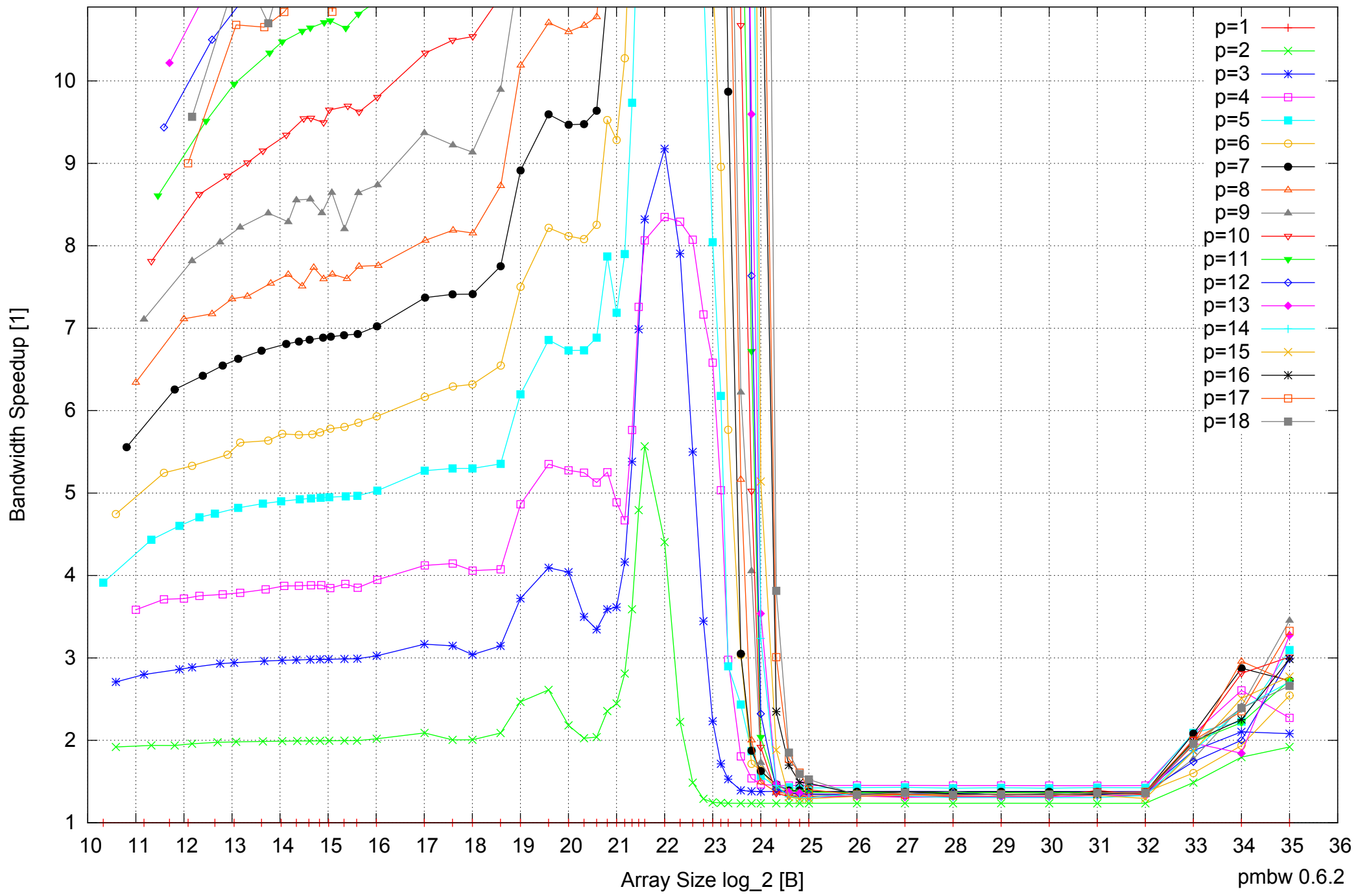
AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanWrite128PtrSimpleLoop





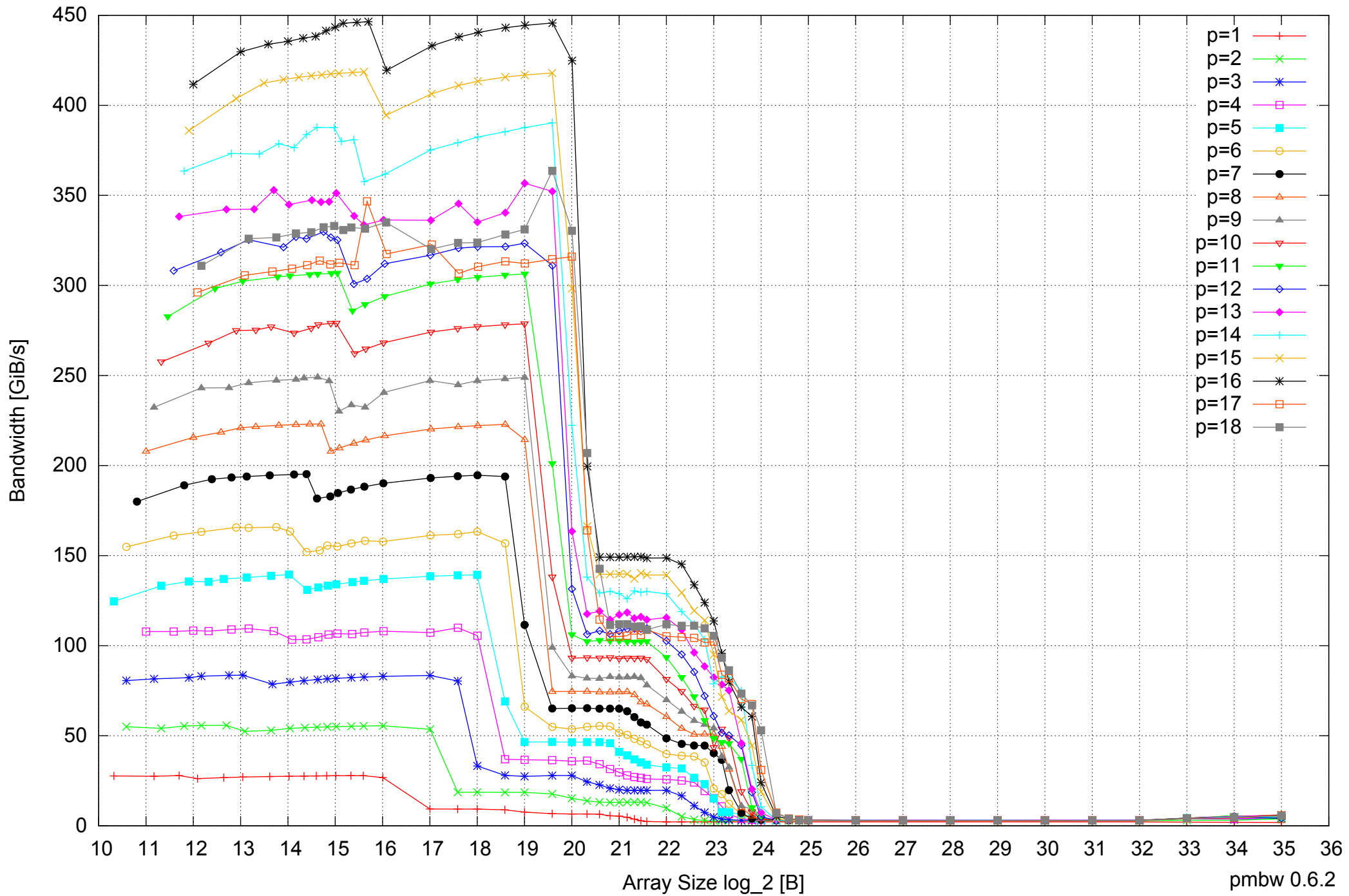


AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128PtrSimpleLoop





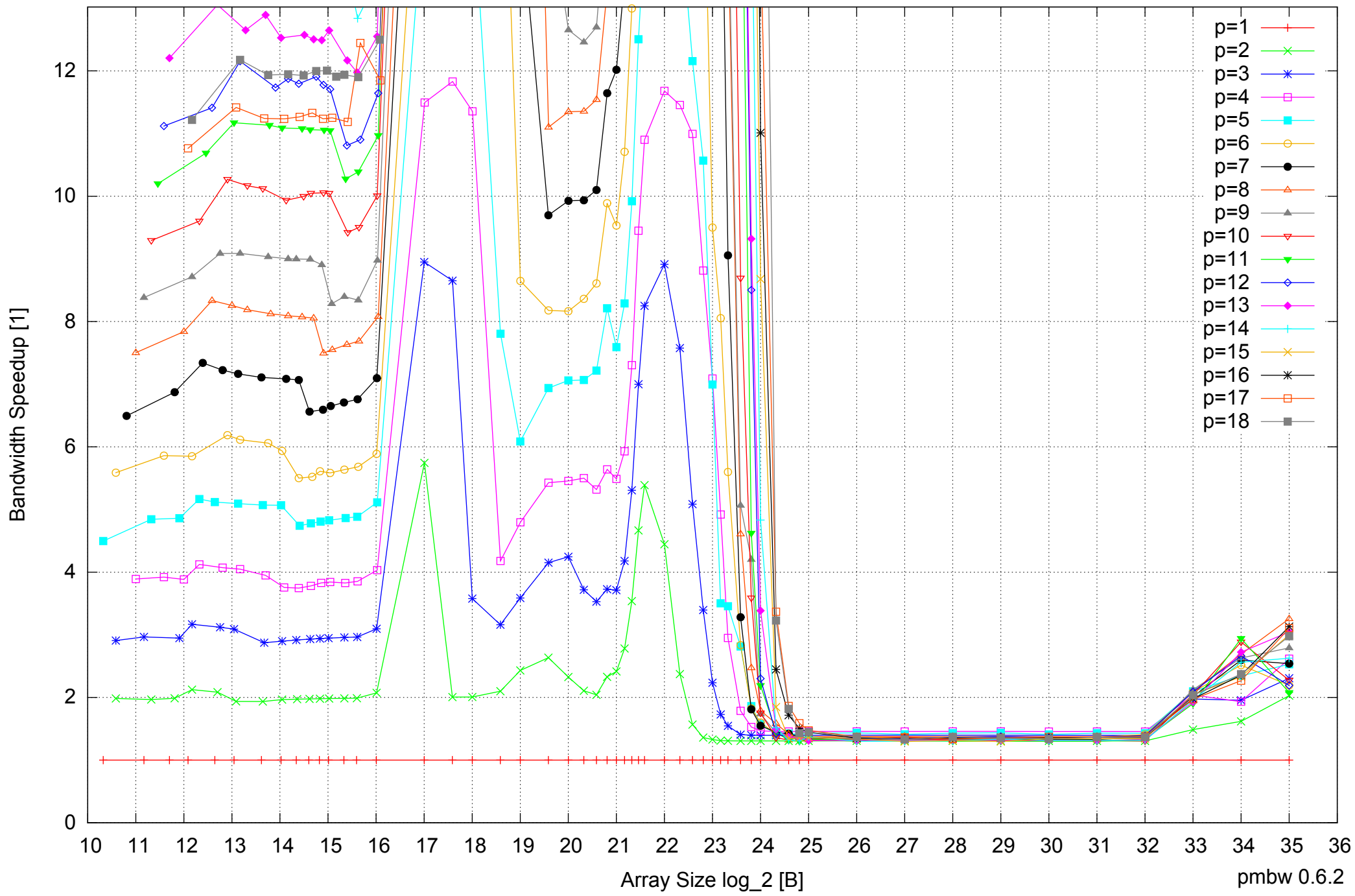
AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanWrite128PtrUnrollLoop



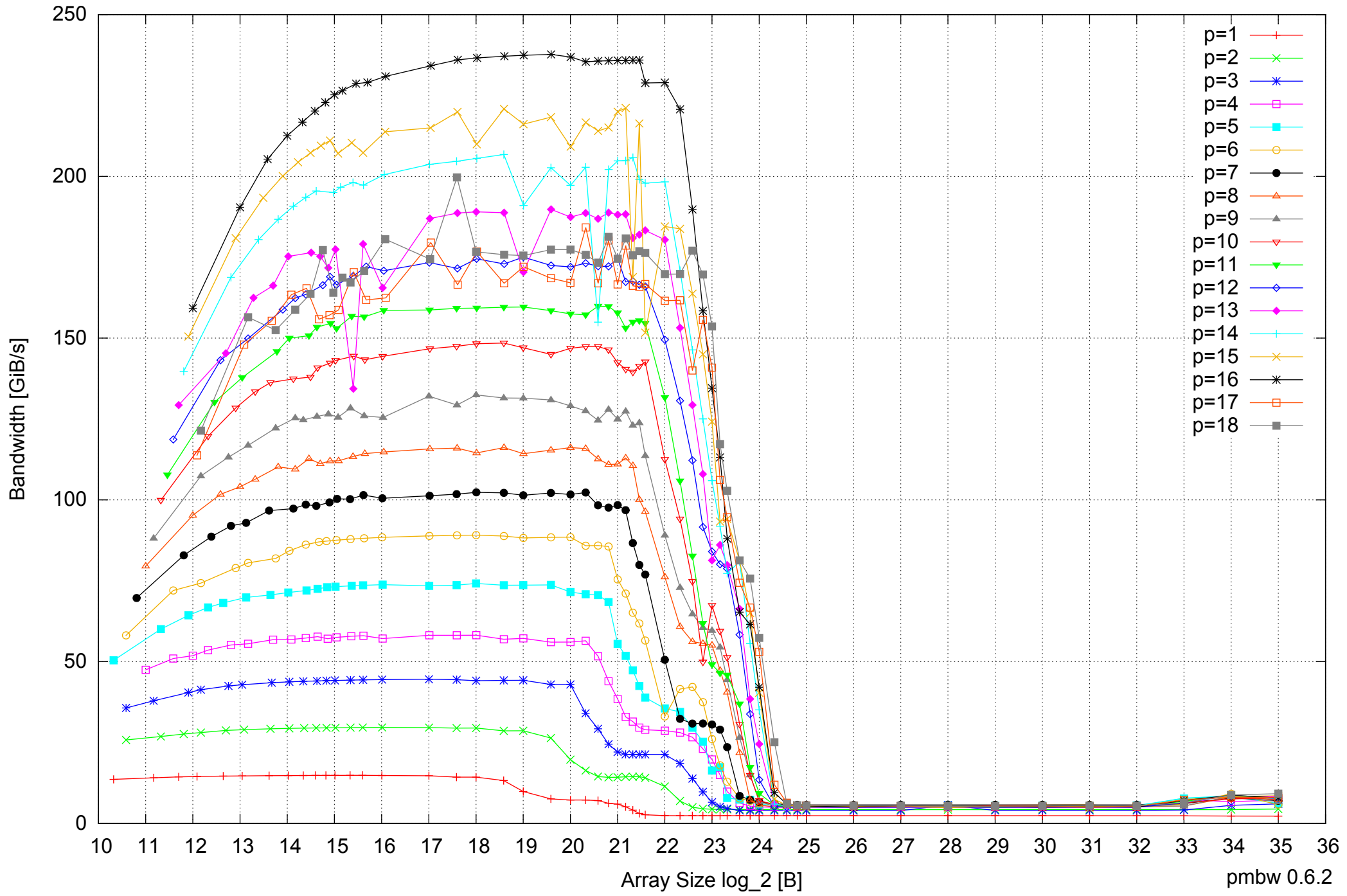




AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128PtrUnrollLoop



AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanRead128PtrSimpleLoop

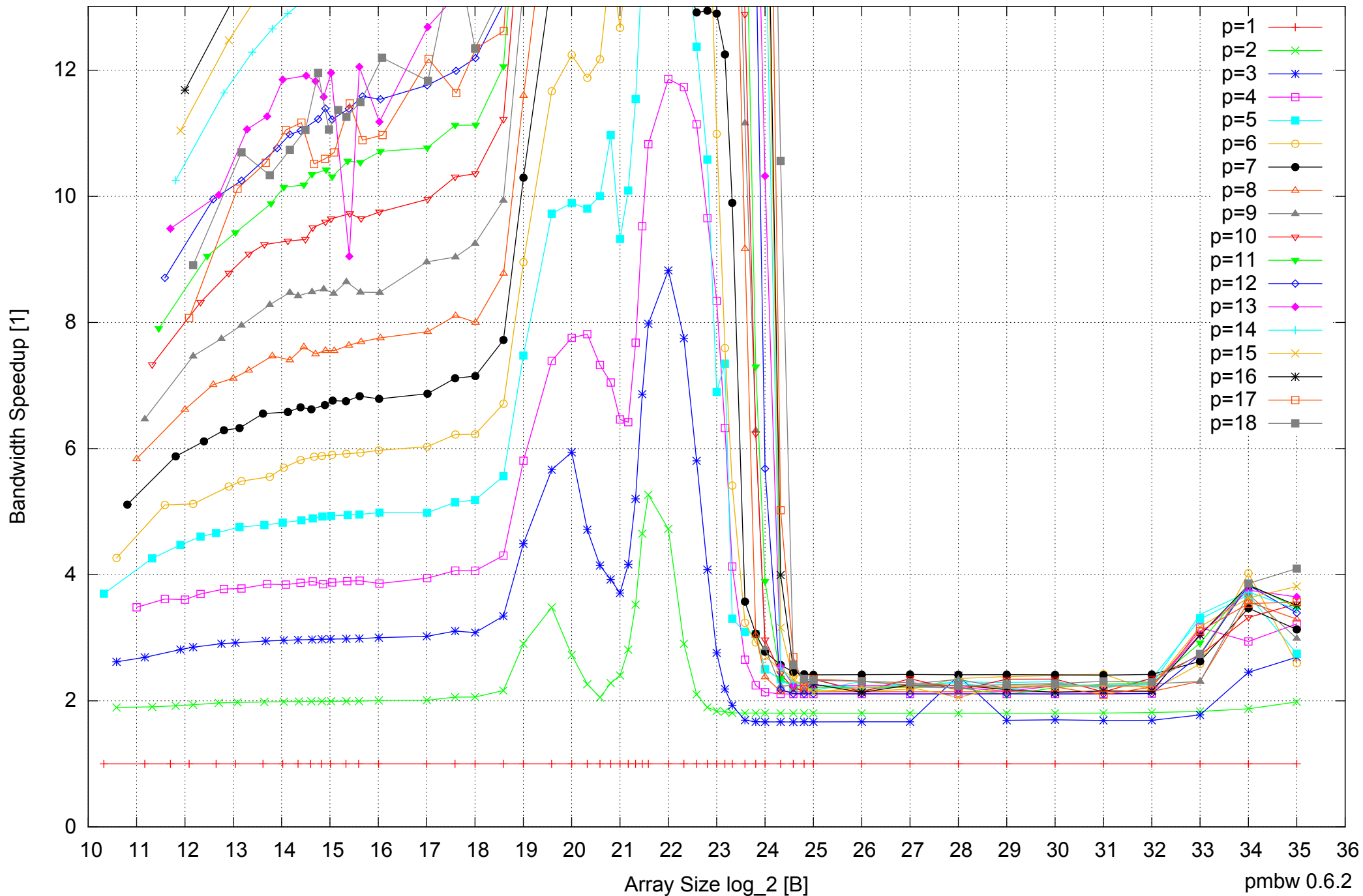




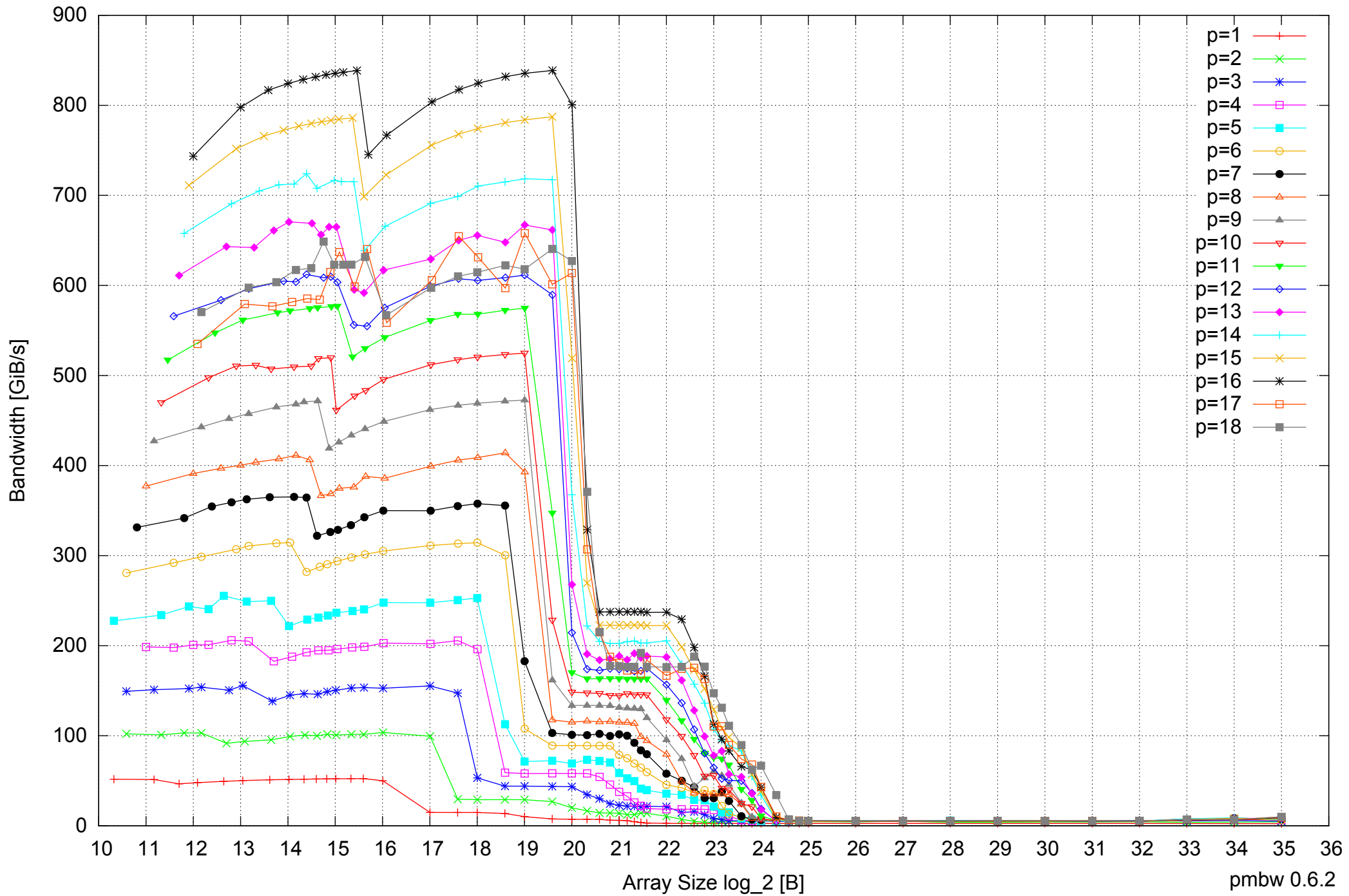




AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128PtrSimpleLoop



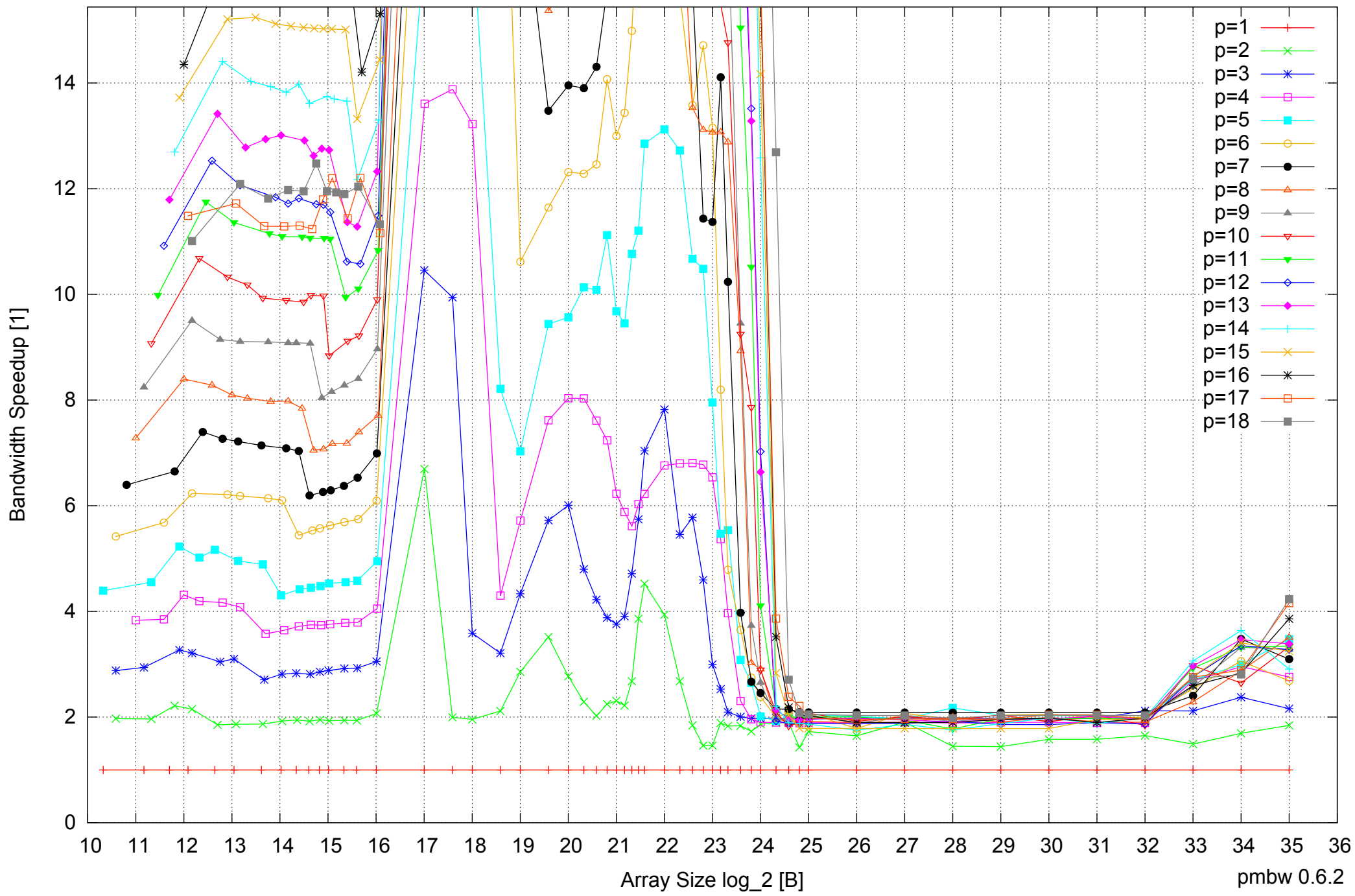
AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanRead128PtrUnrollLoop



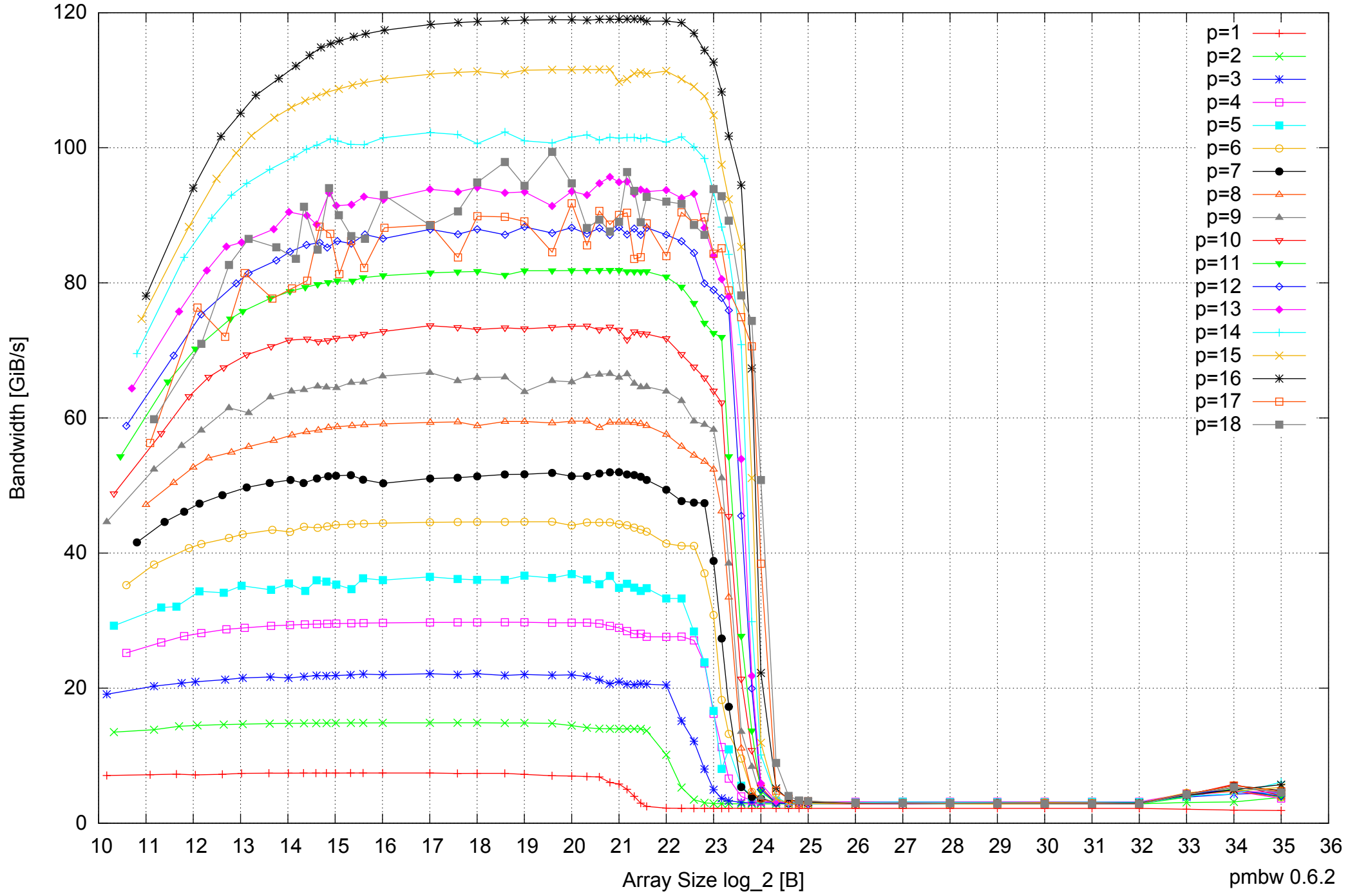




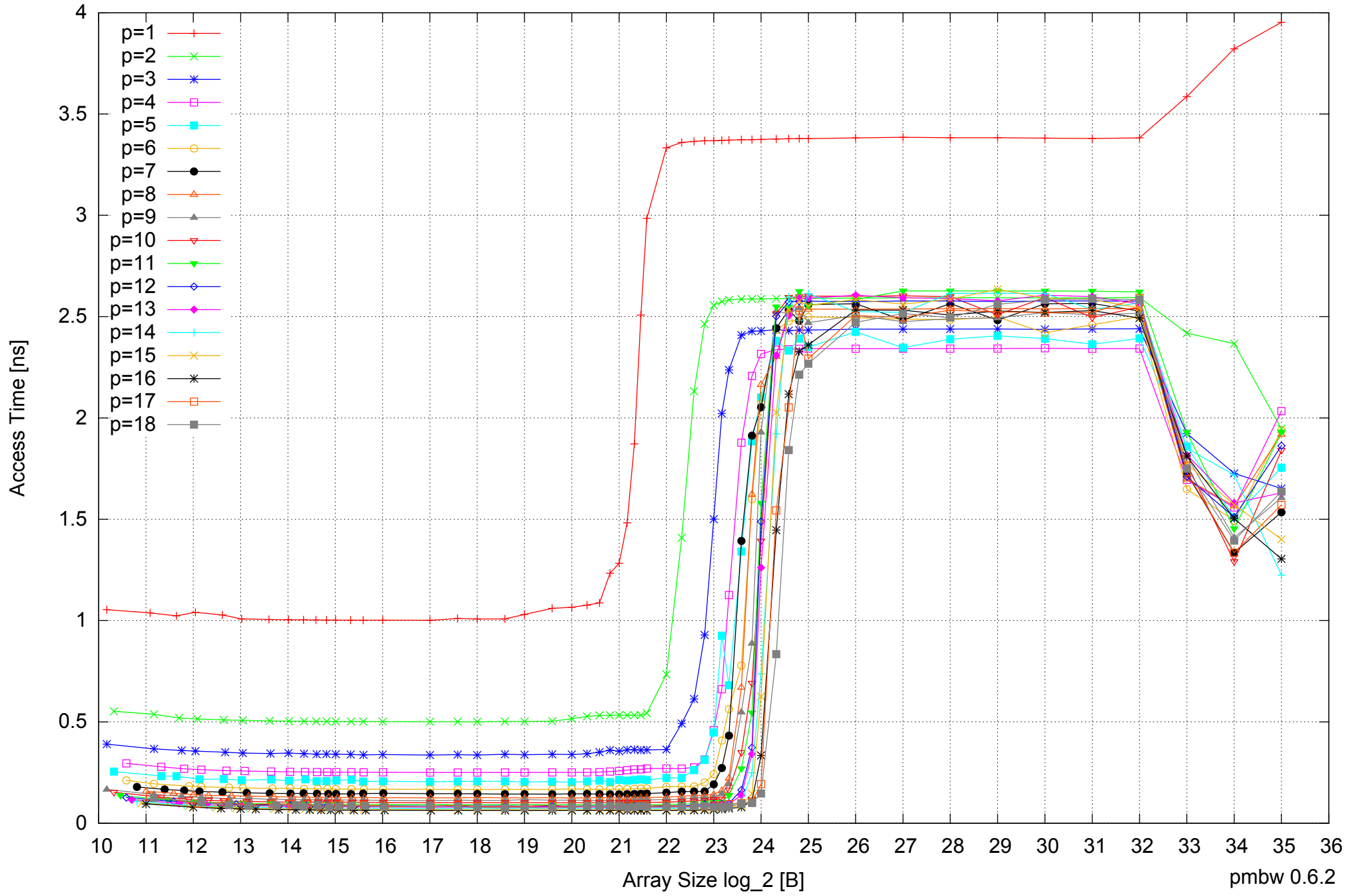
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128PtrUnrollLoop



AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop

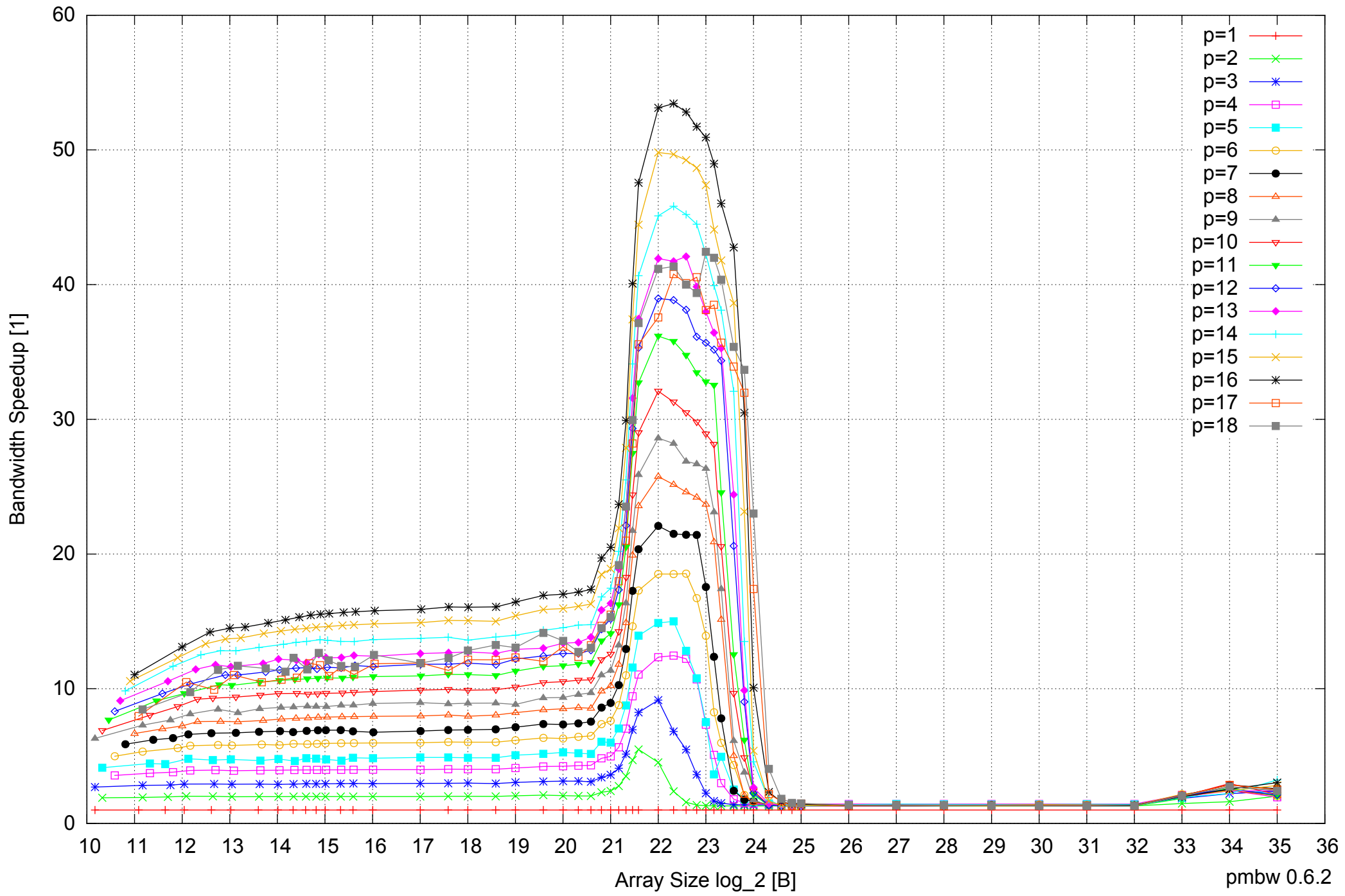


AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanWrite64PtrSimpleLoop

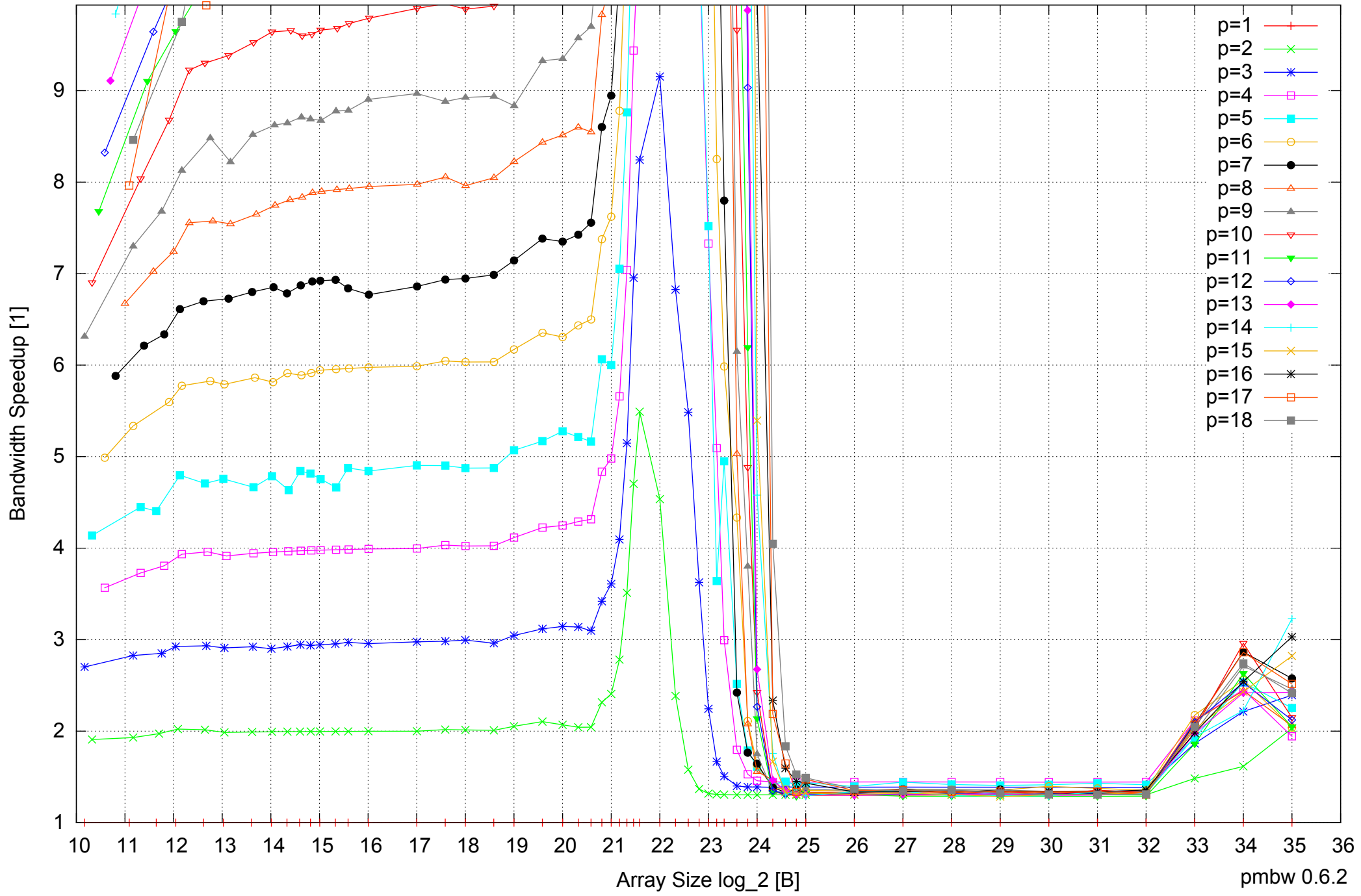




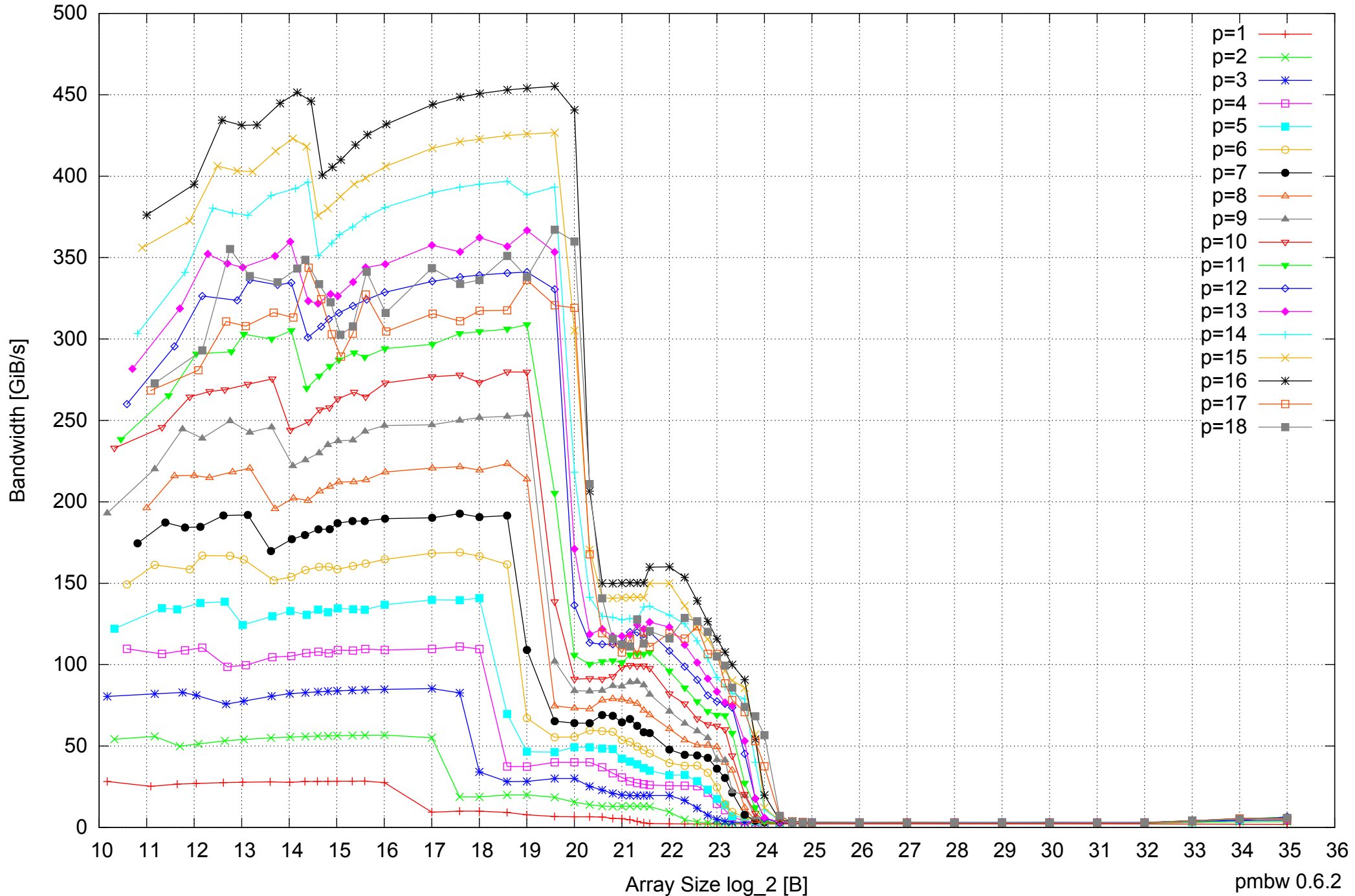
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop



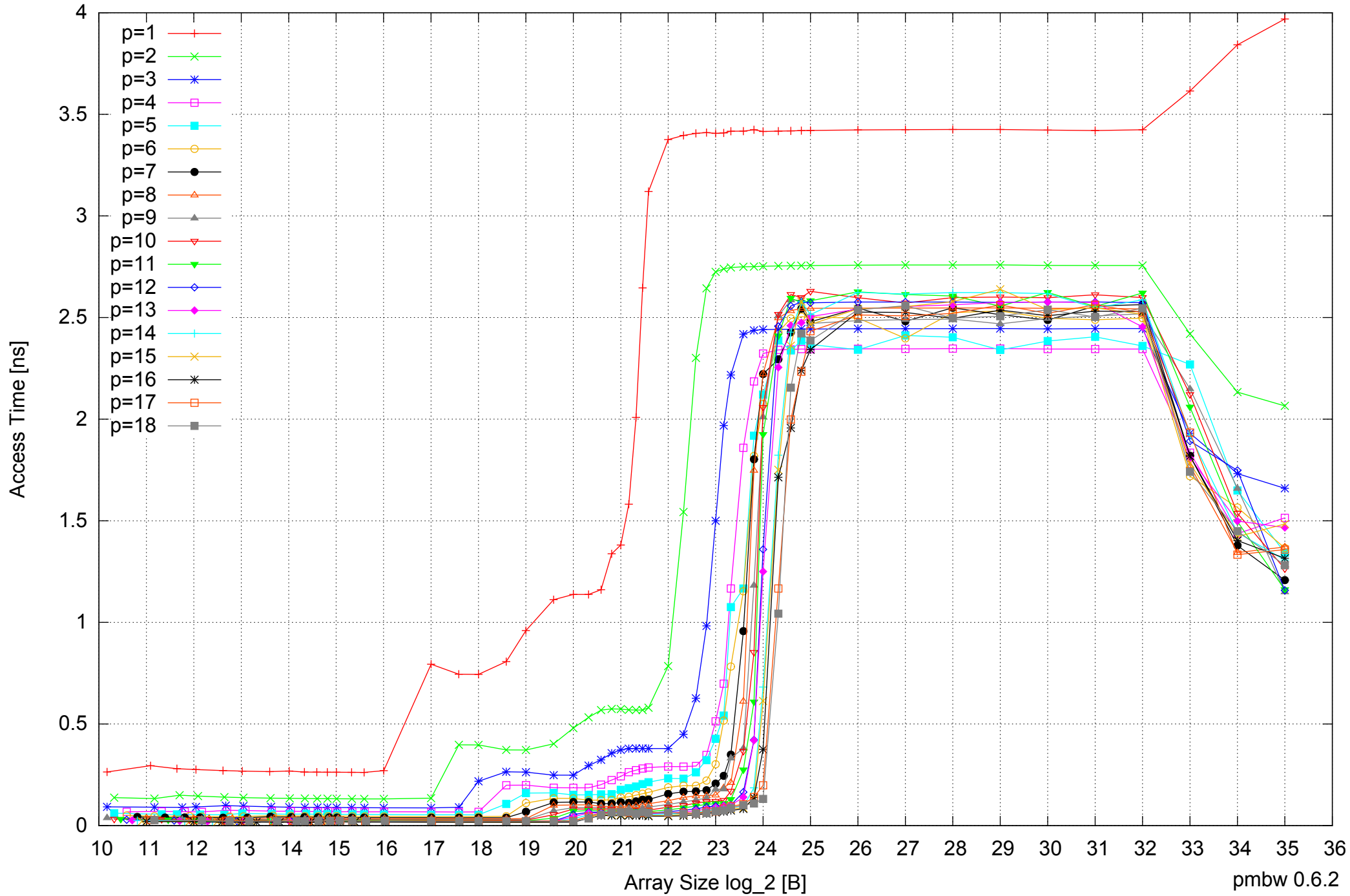
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrSimpleLoop



AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop

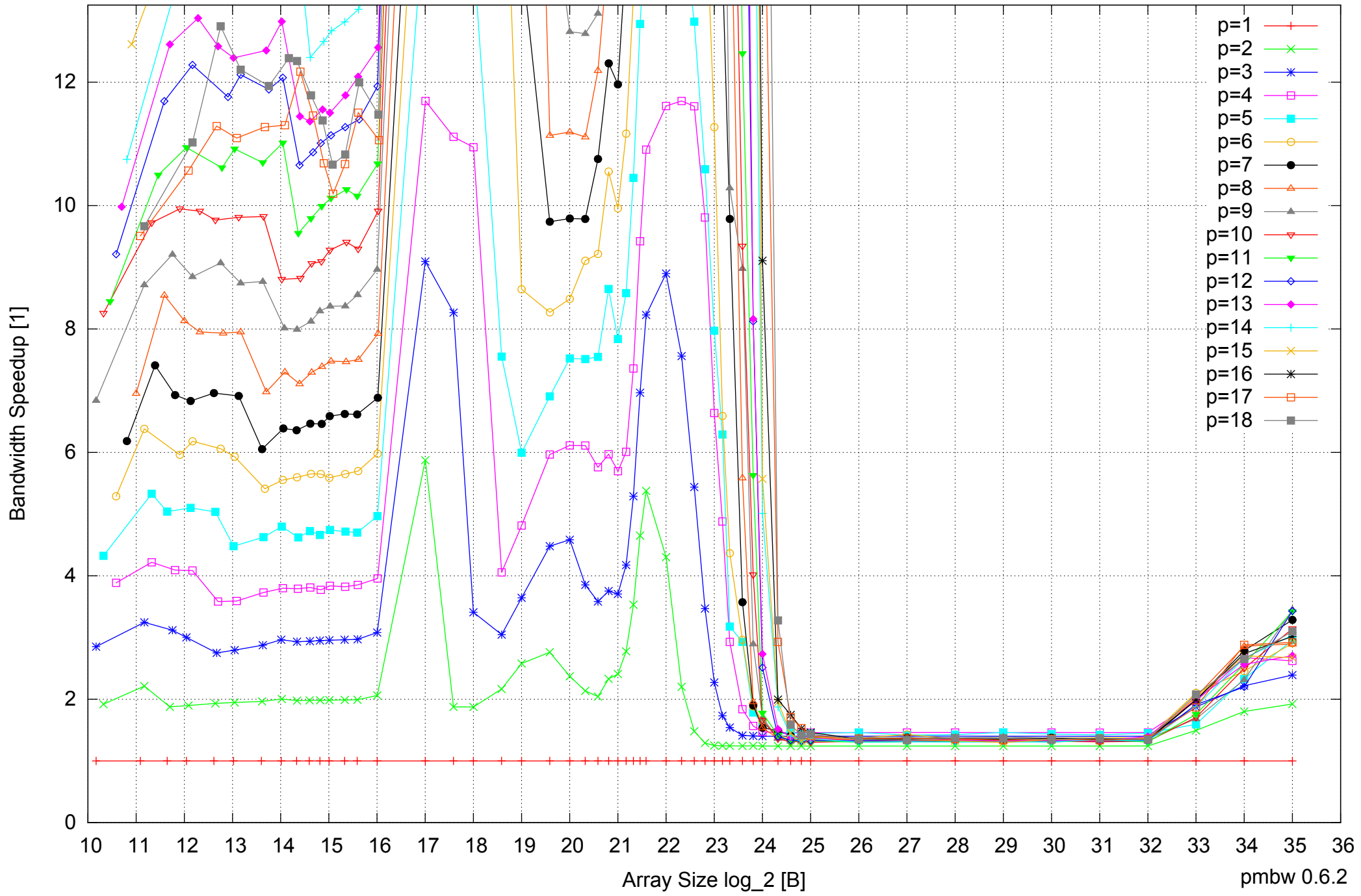


AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanWrite64PtrUnrollLoop



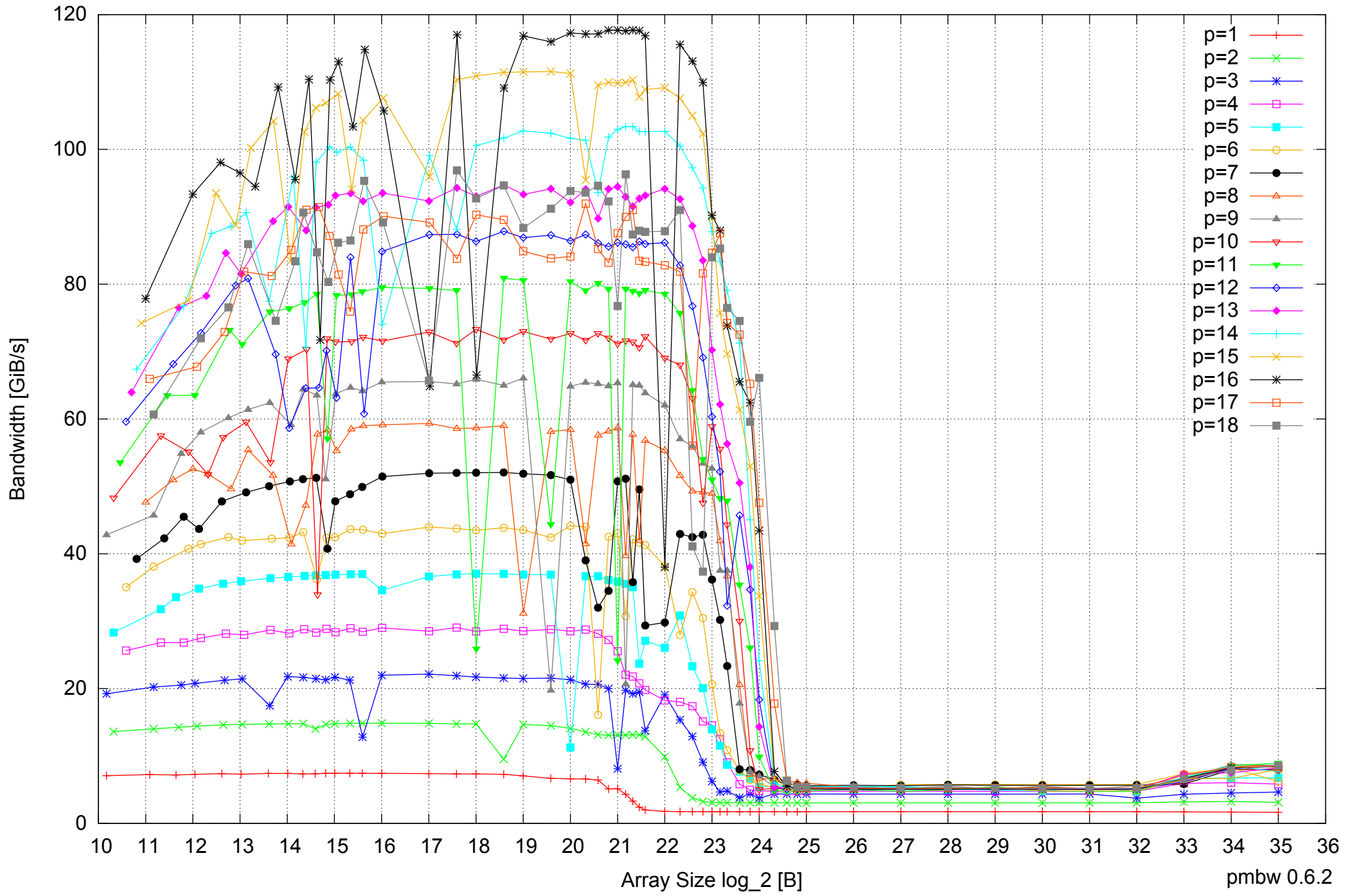


AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrUnrollLoop





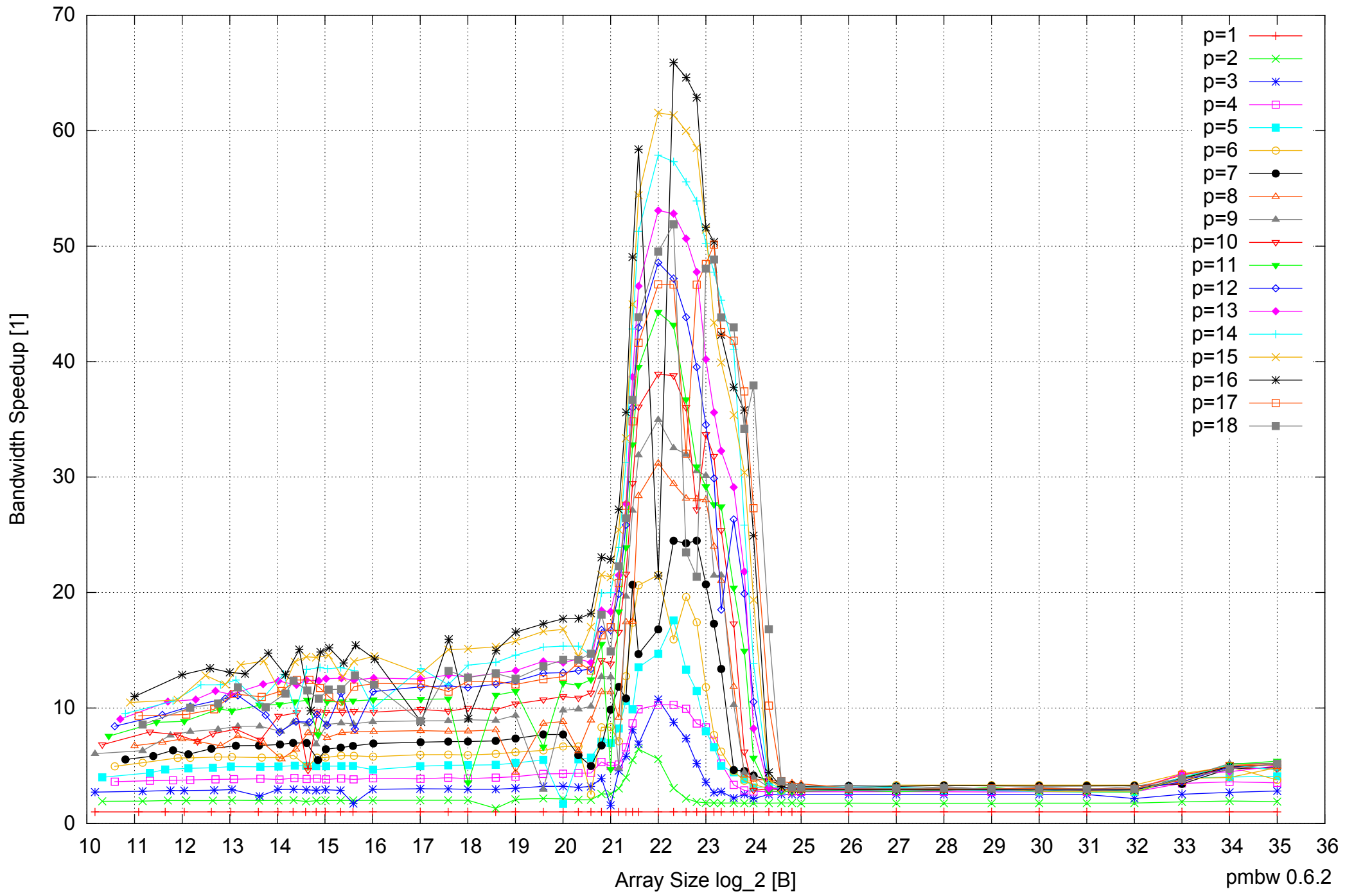
AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop



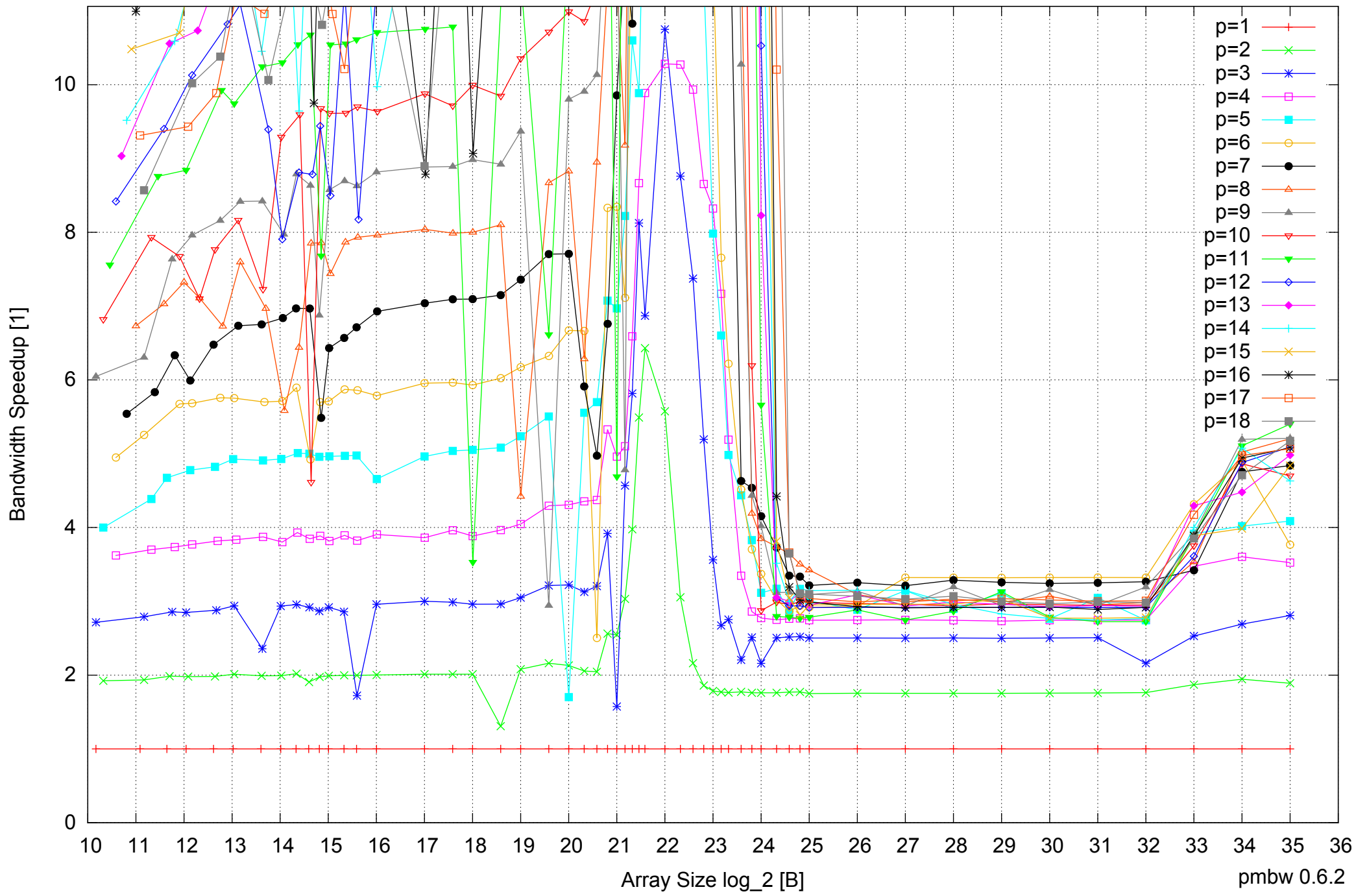




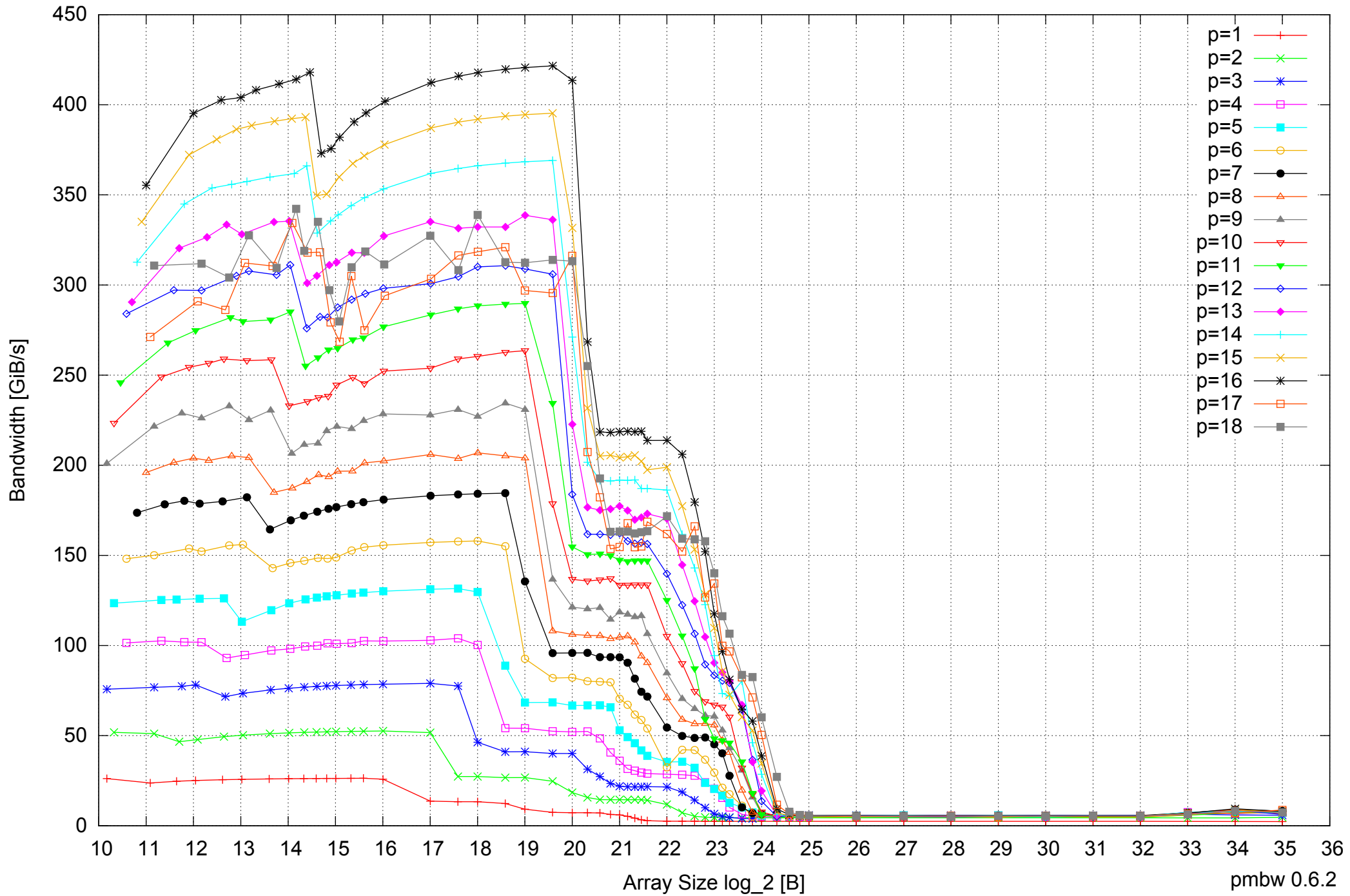
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop



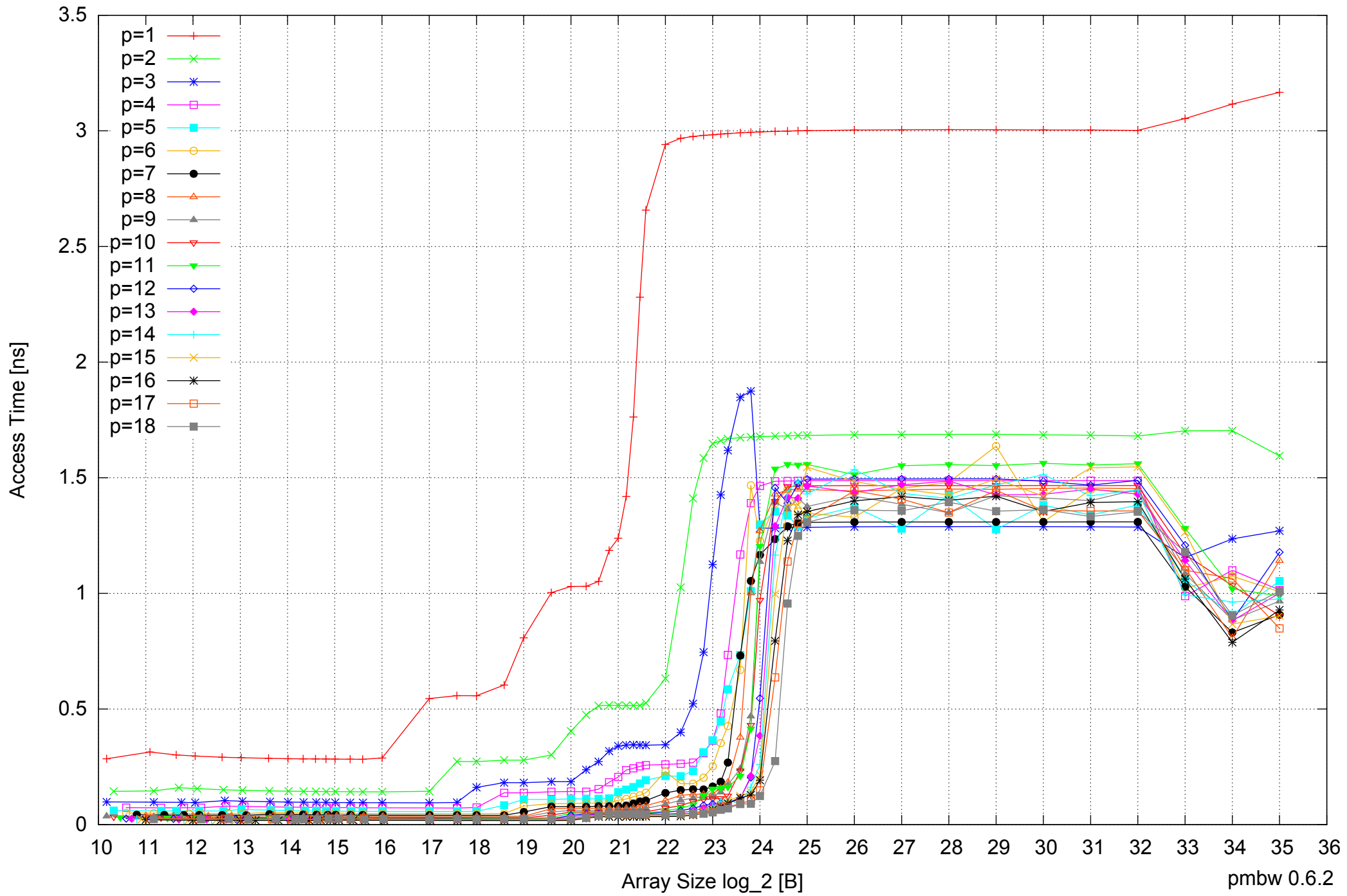
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64PtrSimpleLoop



AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop



AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanRead64PtrUnrollLoop



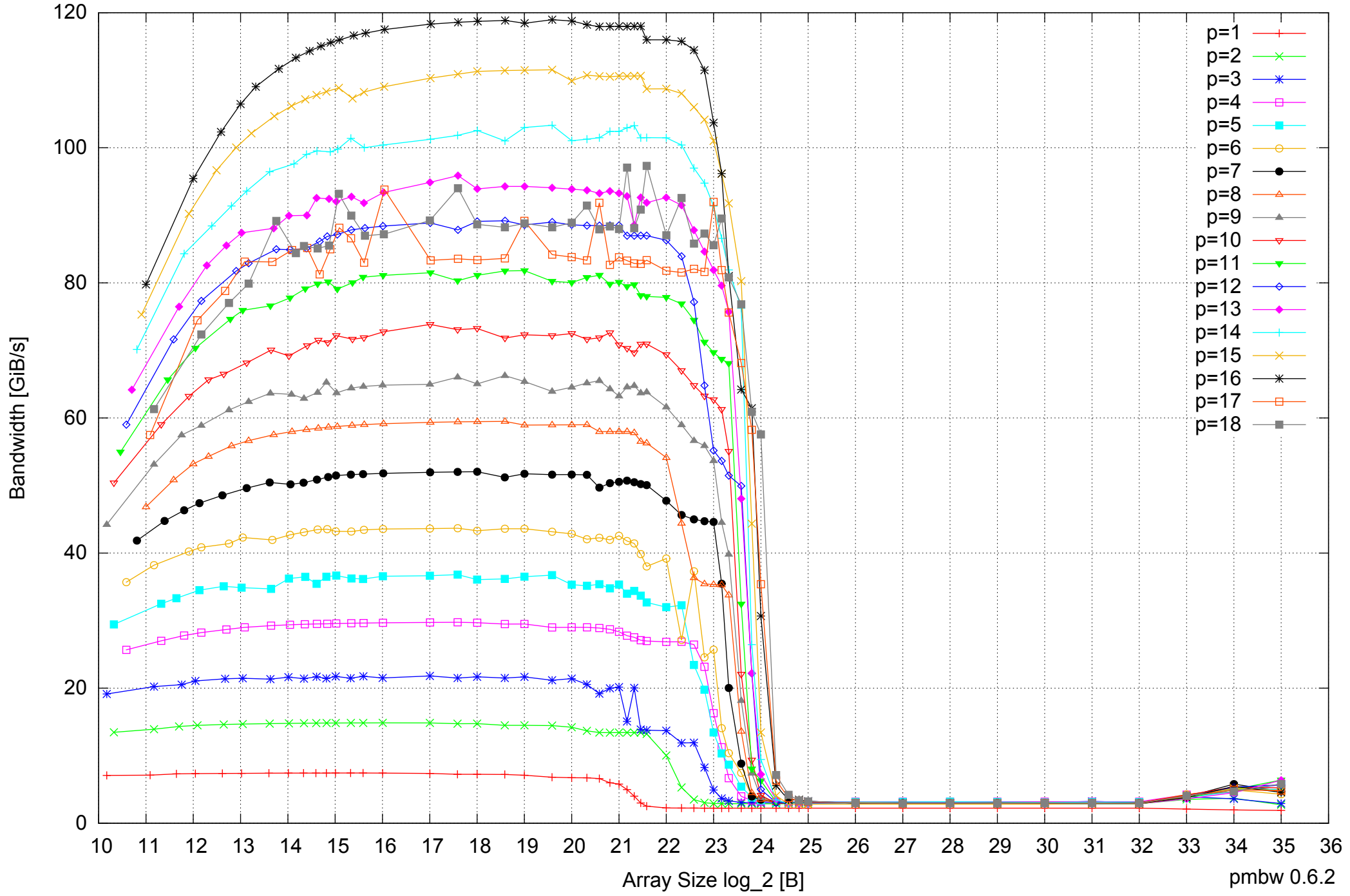






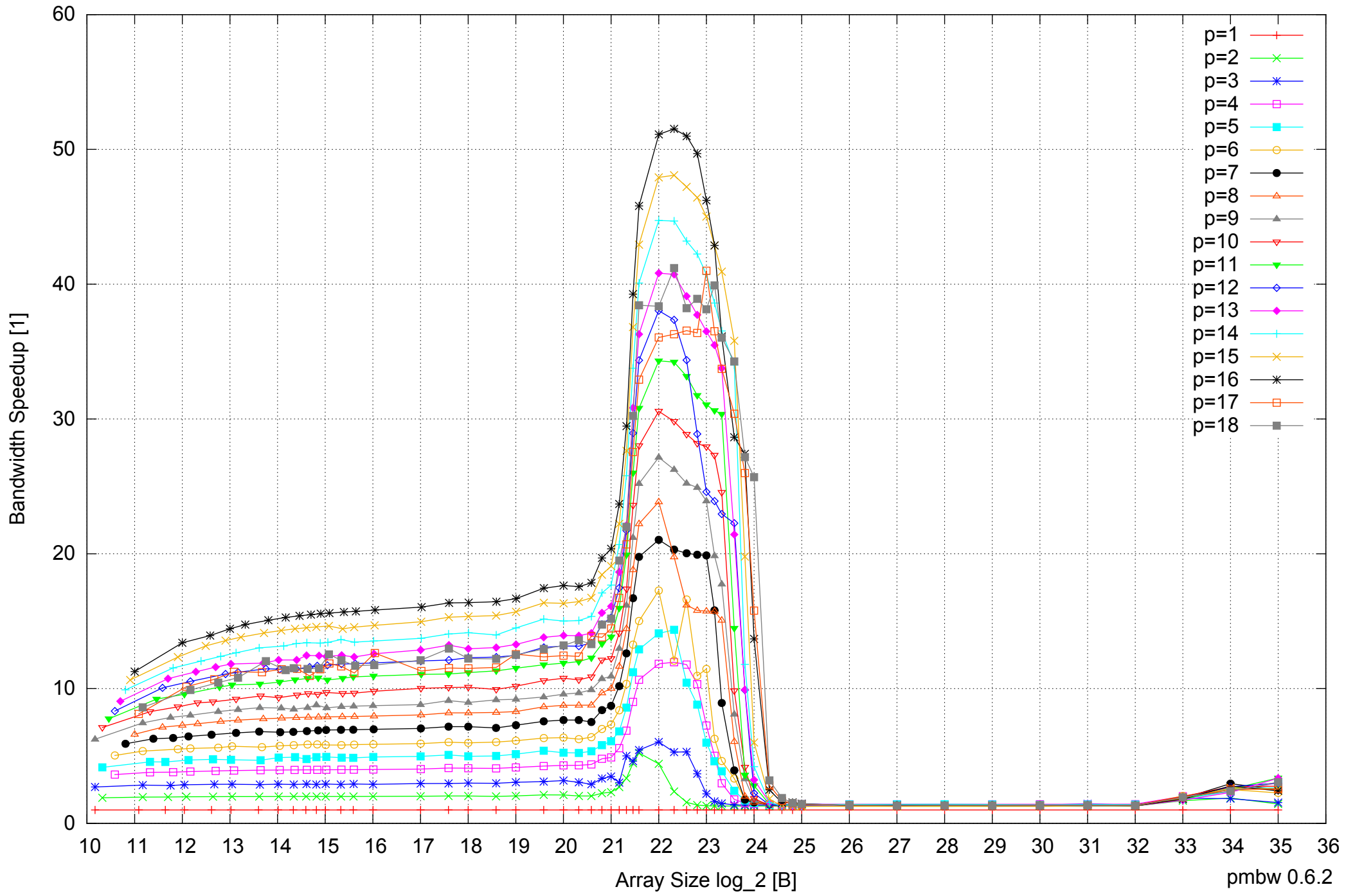


AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoop

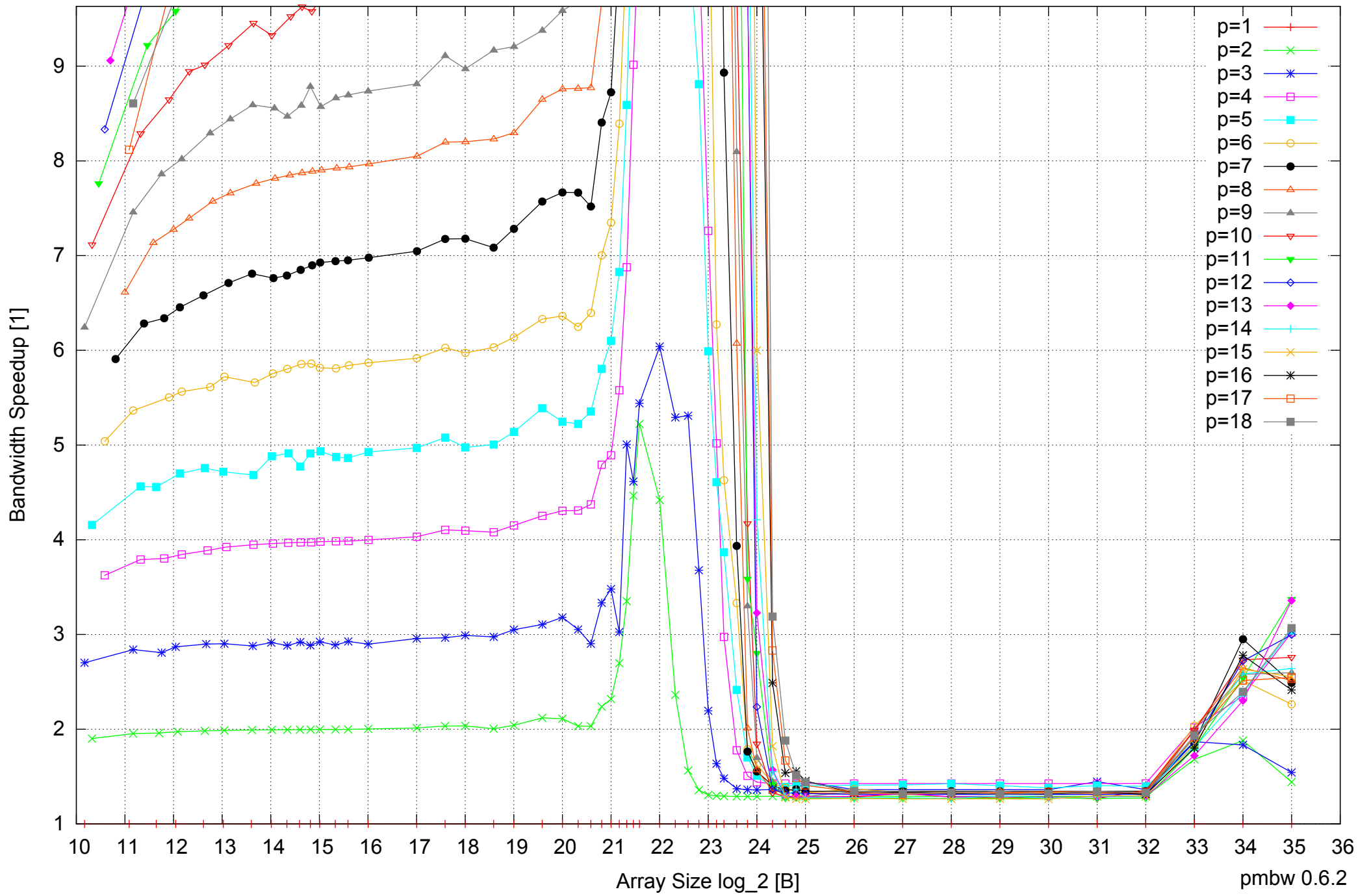




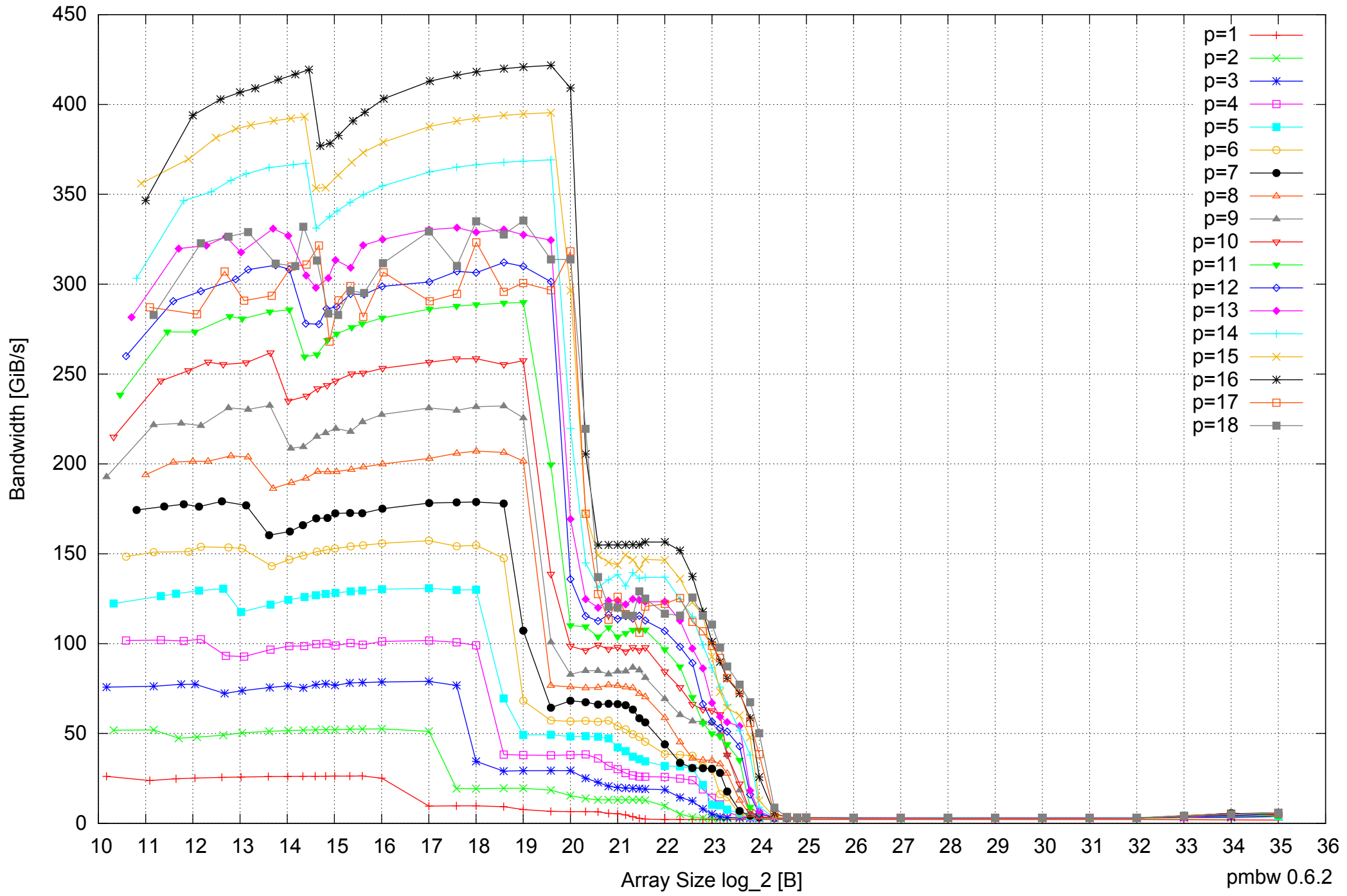
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoop



AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64IndexSimpleLoop



AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanWrite64IndexUnrollLoop

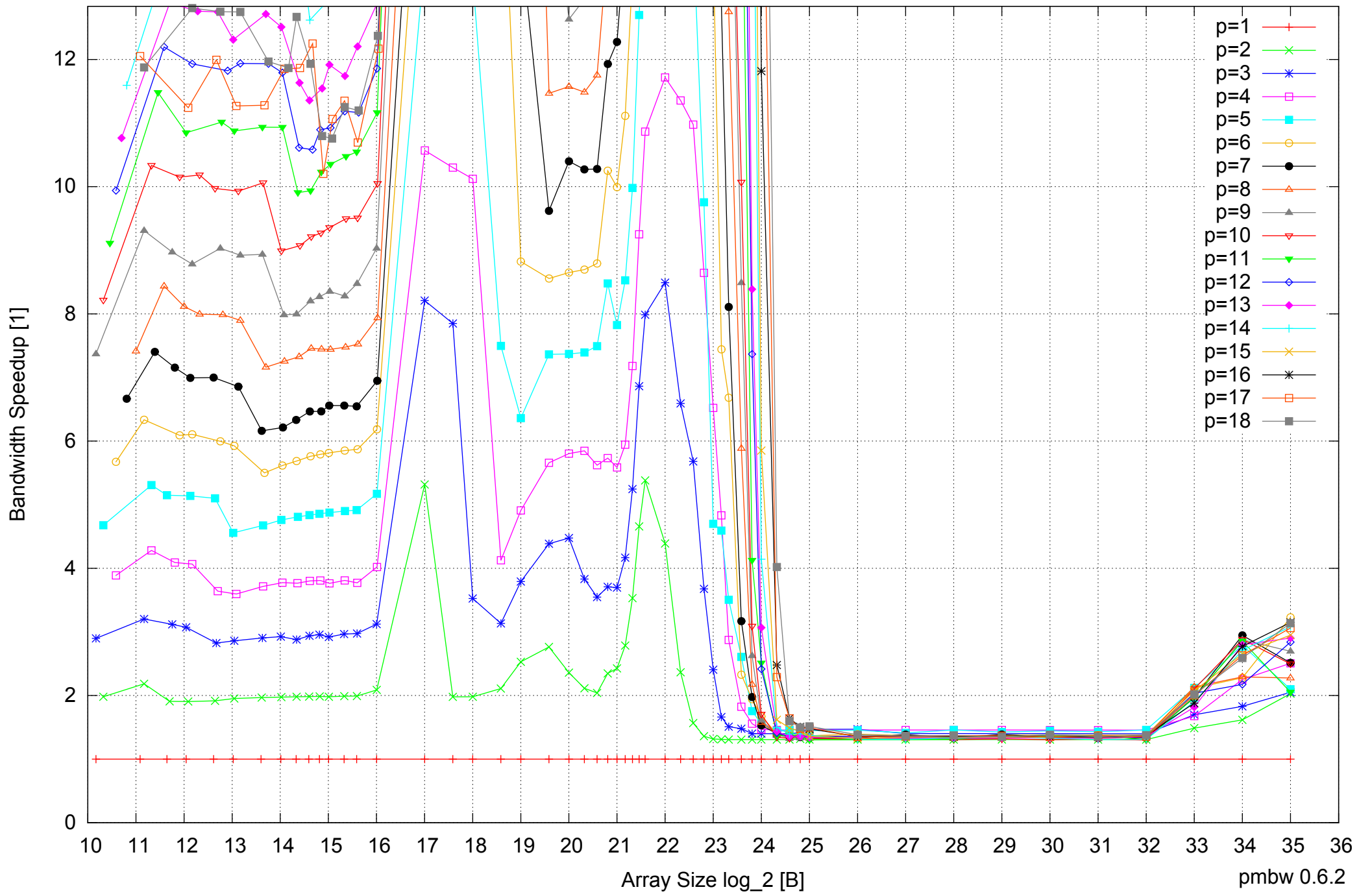




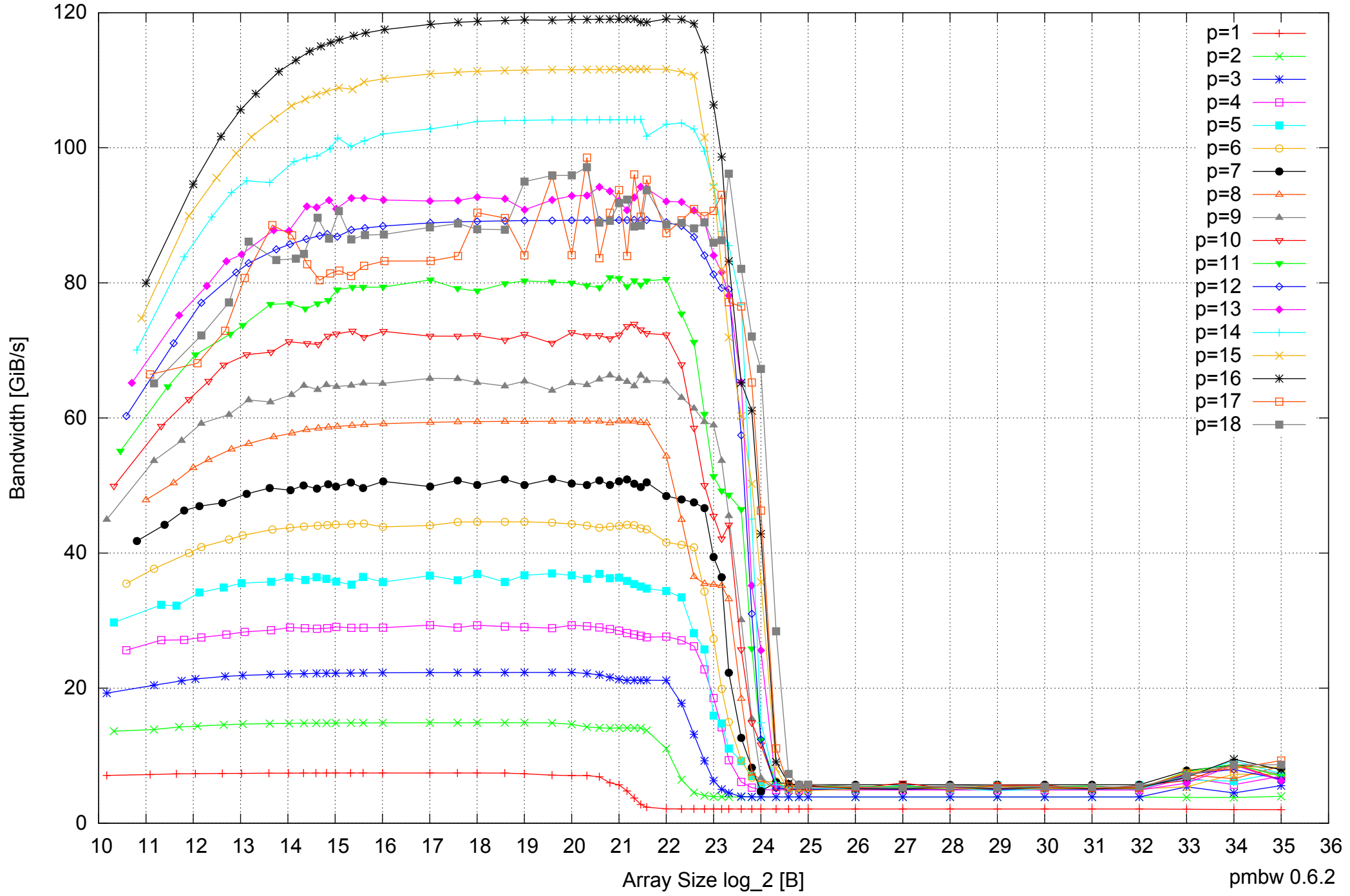




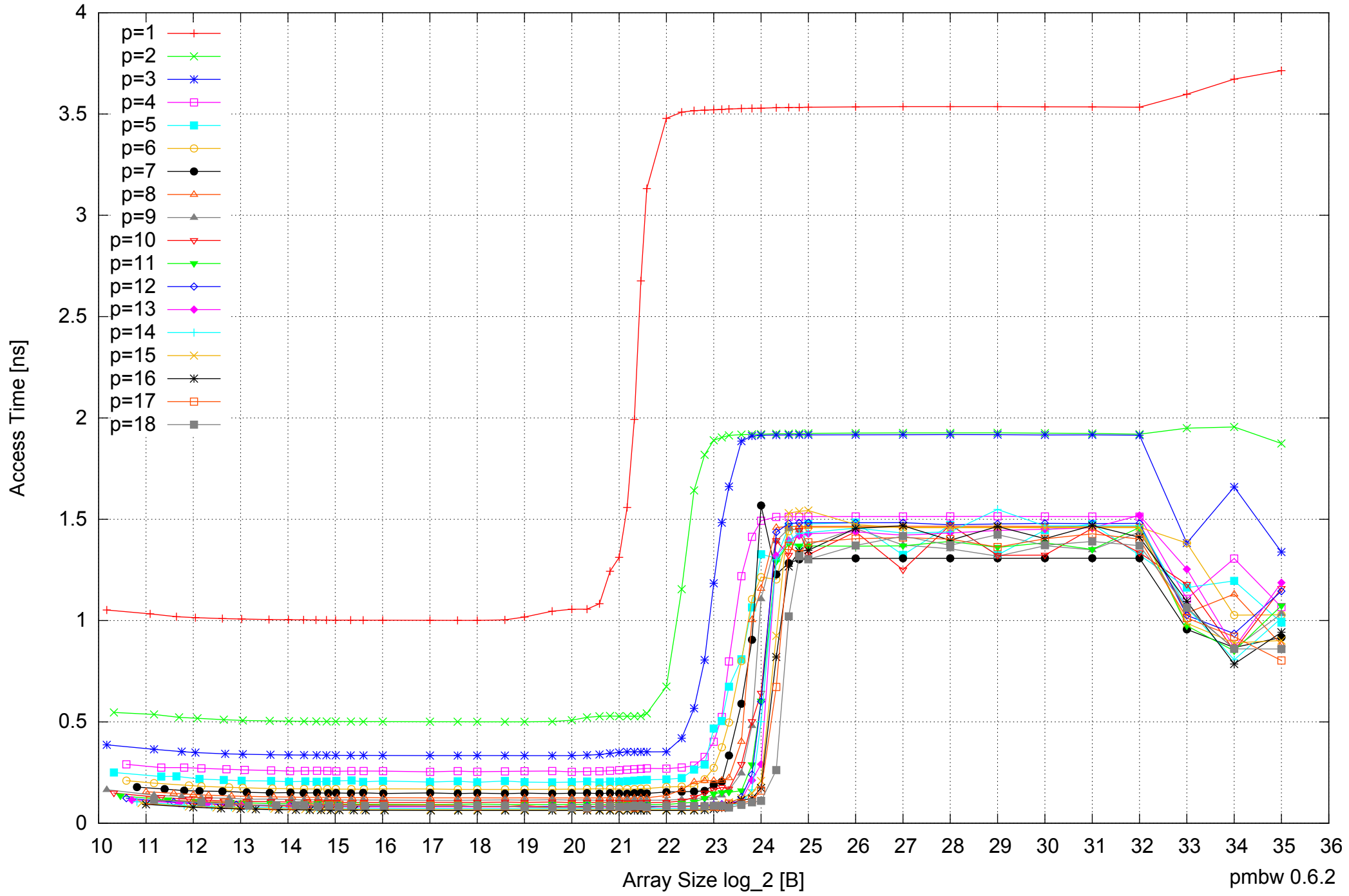
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64IndexUnrollLoop



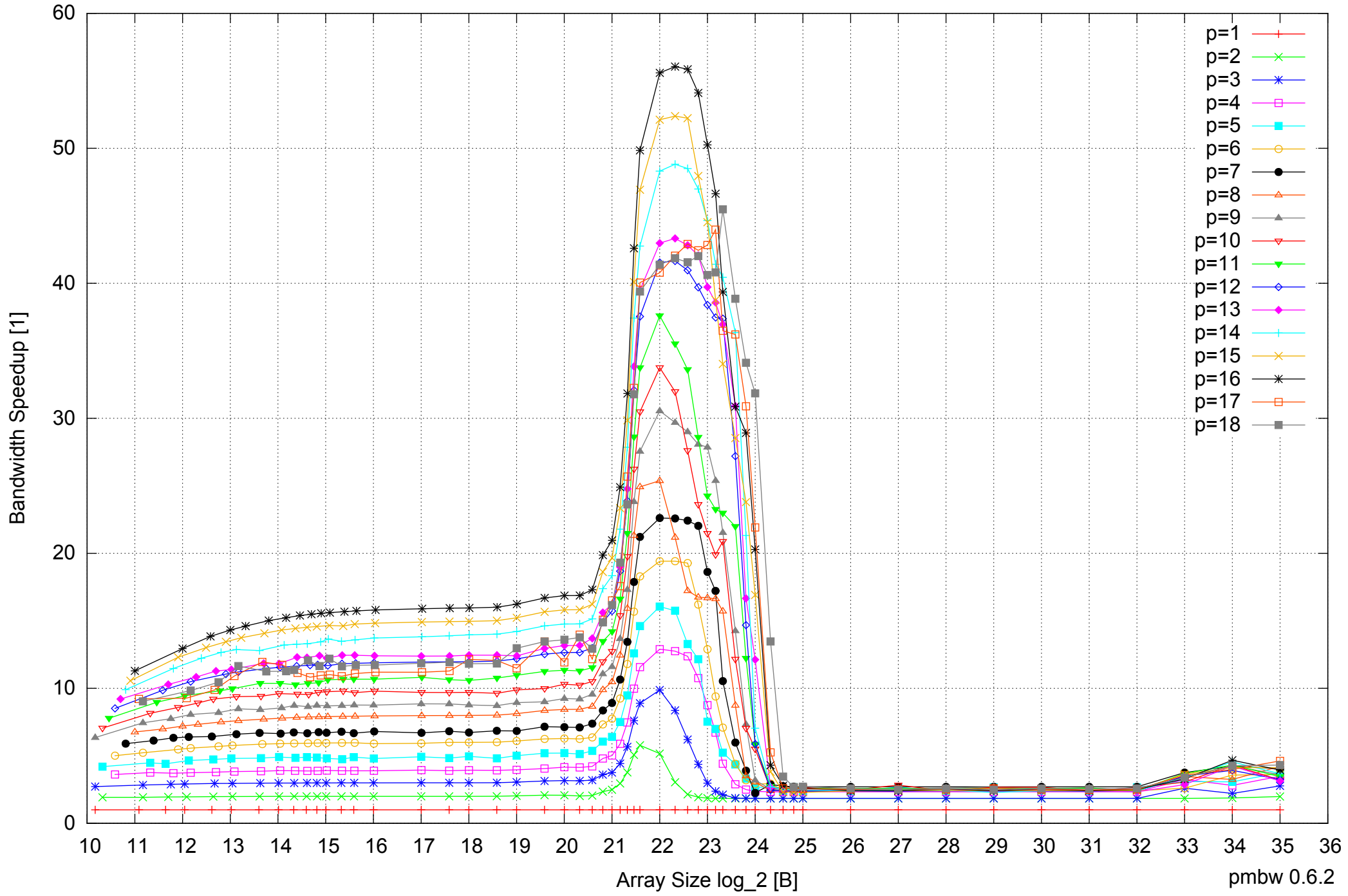
AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanRead64IndexSimpleLoop



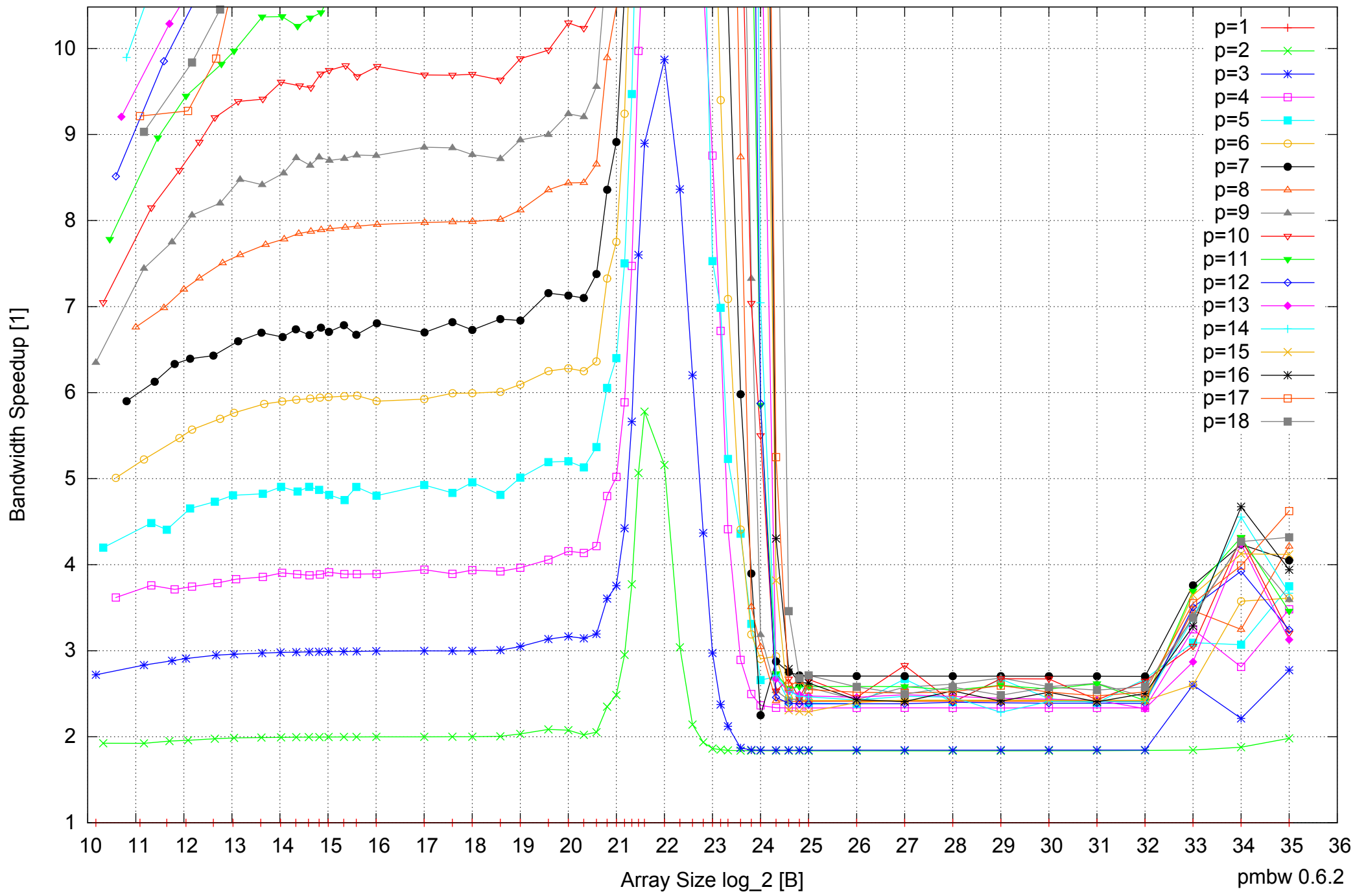
AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanRead64IndexSimpleLoop



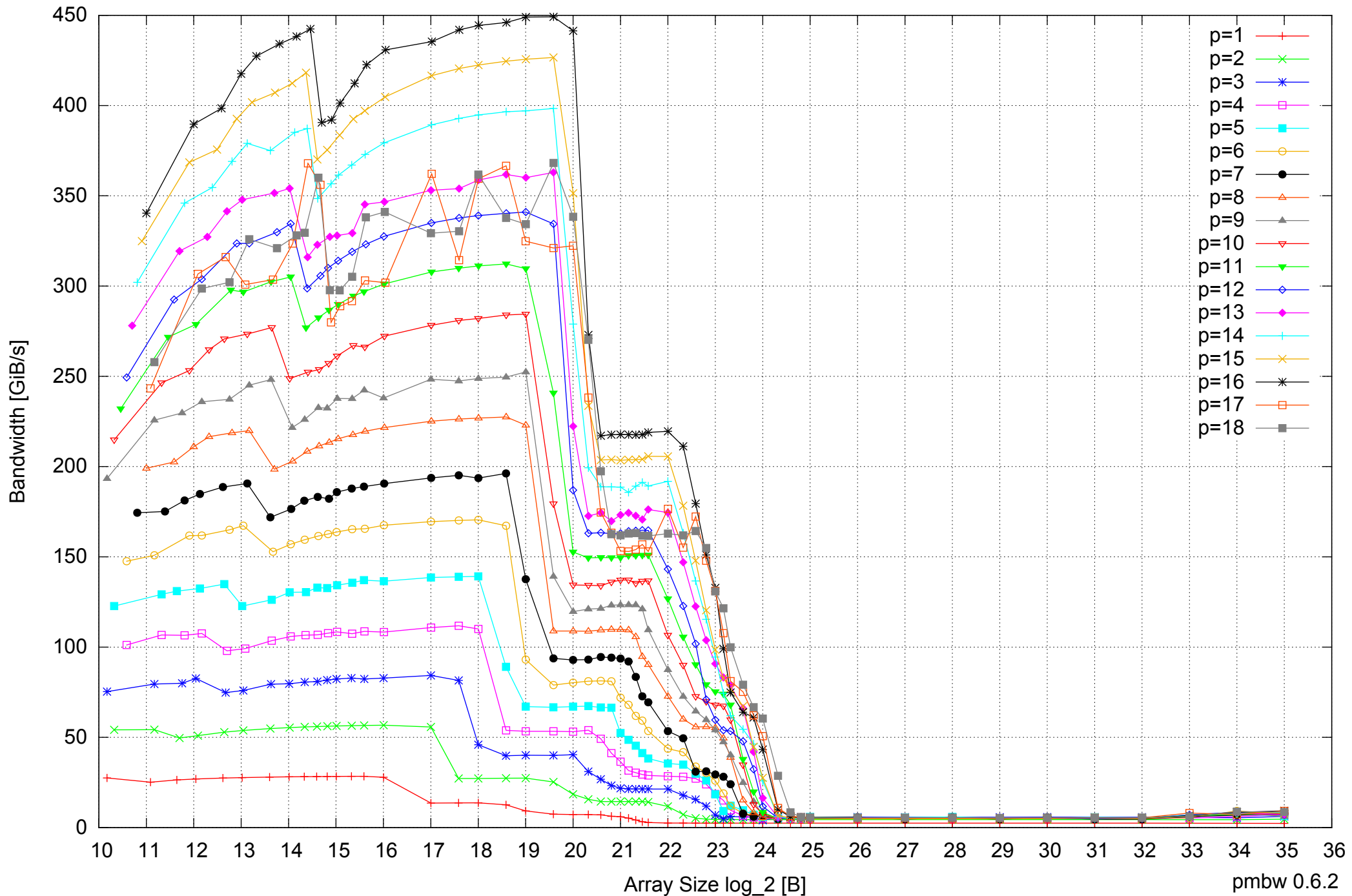
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth - ScanRead64IndexSimpleLoop



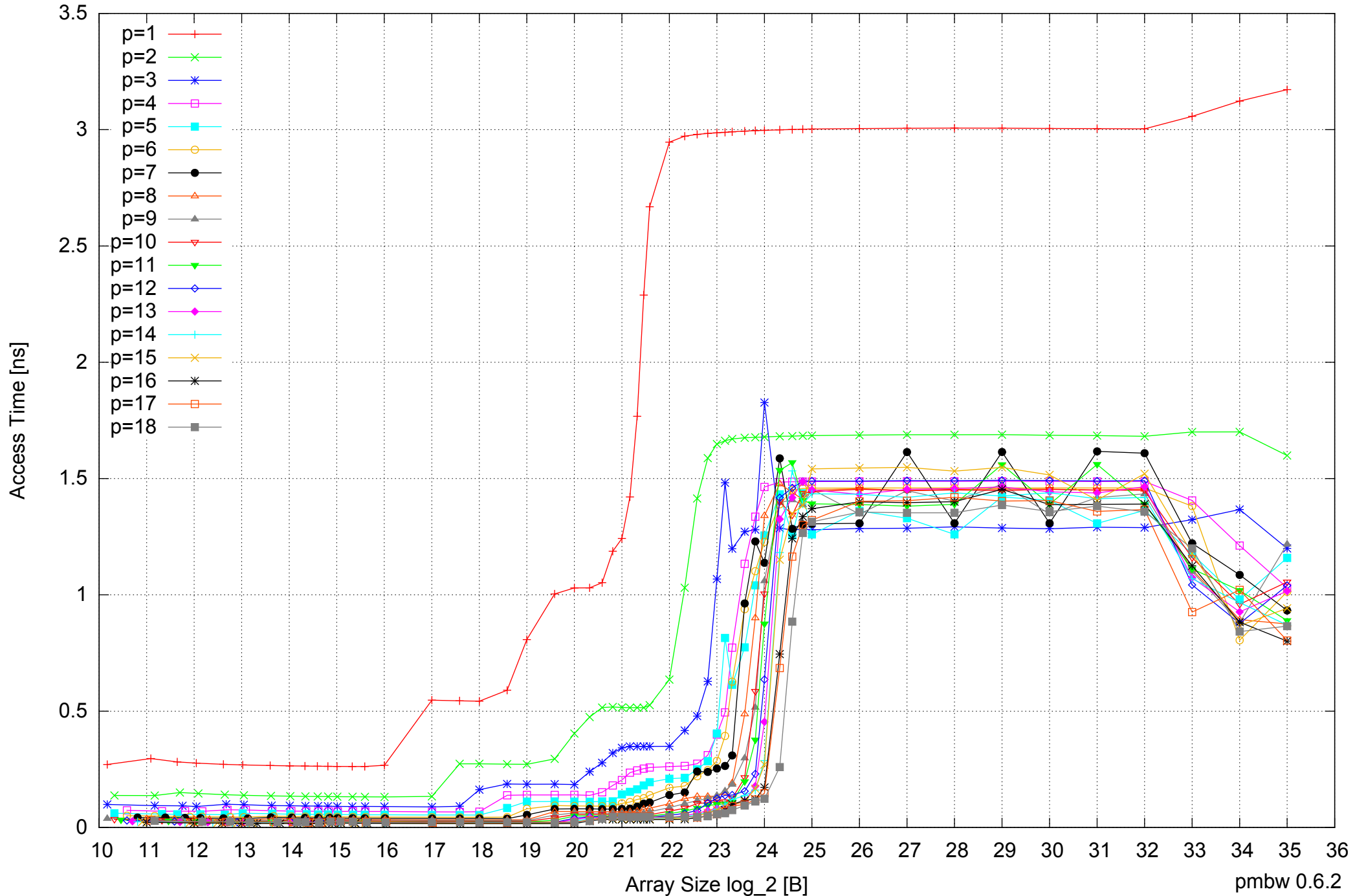
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64IndexSimpleLoop



AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanRead64IndexUnrollLoop



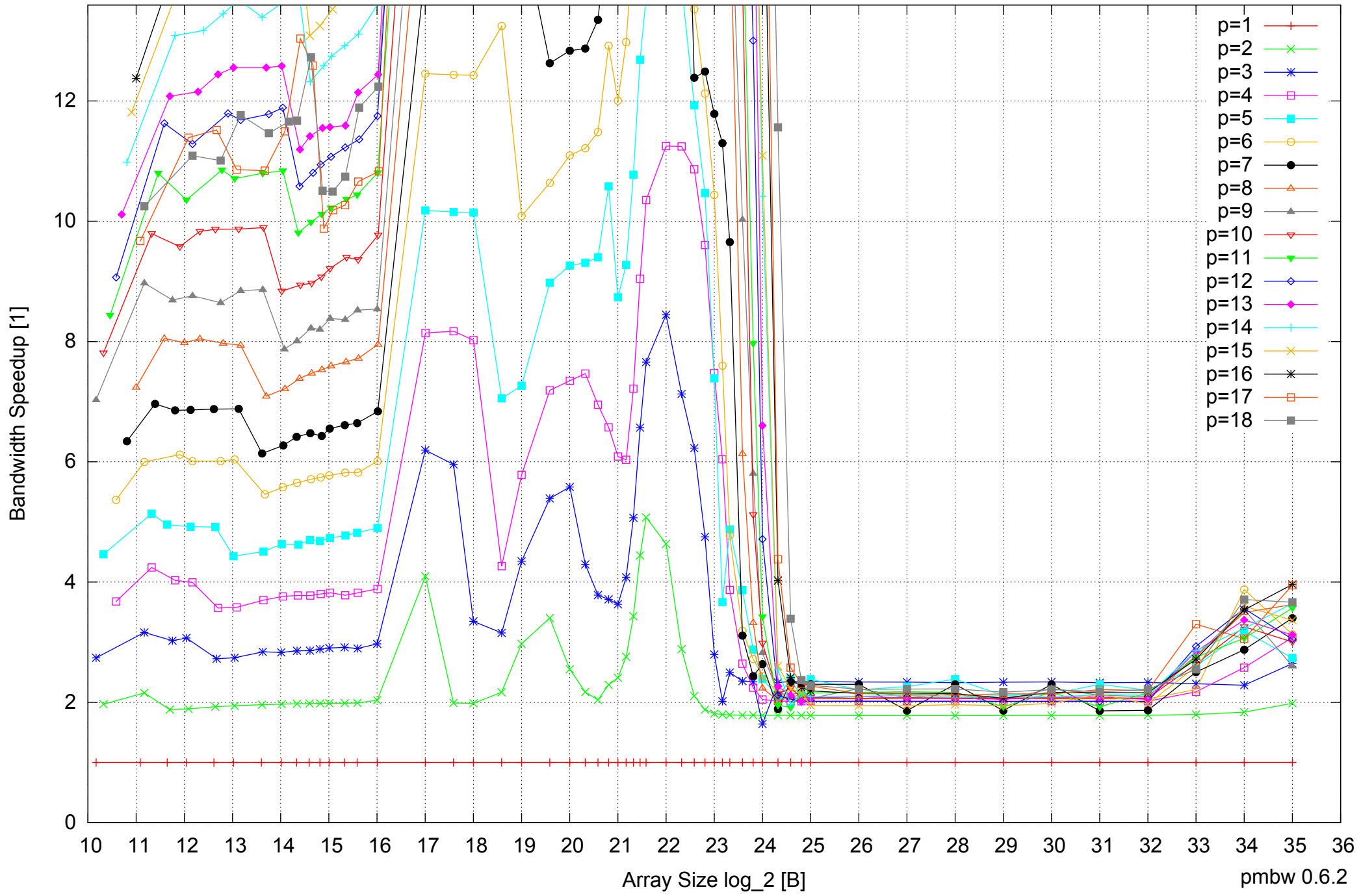
AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanRead64IndexUnrollLoop



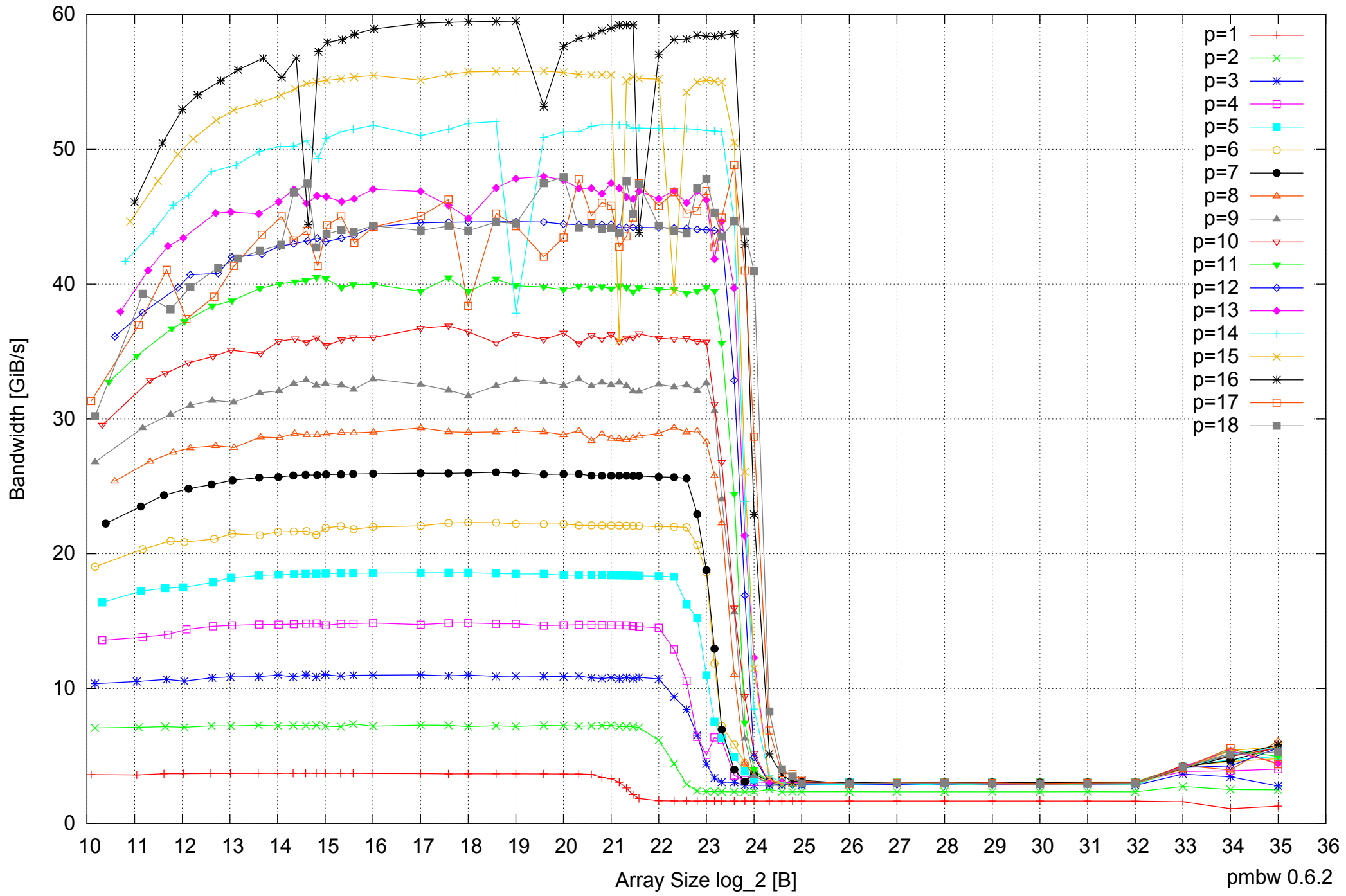




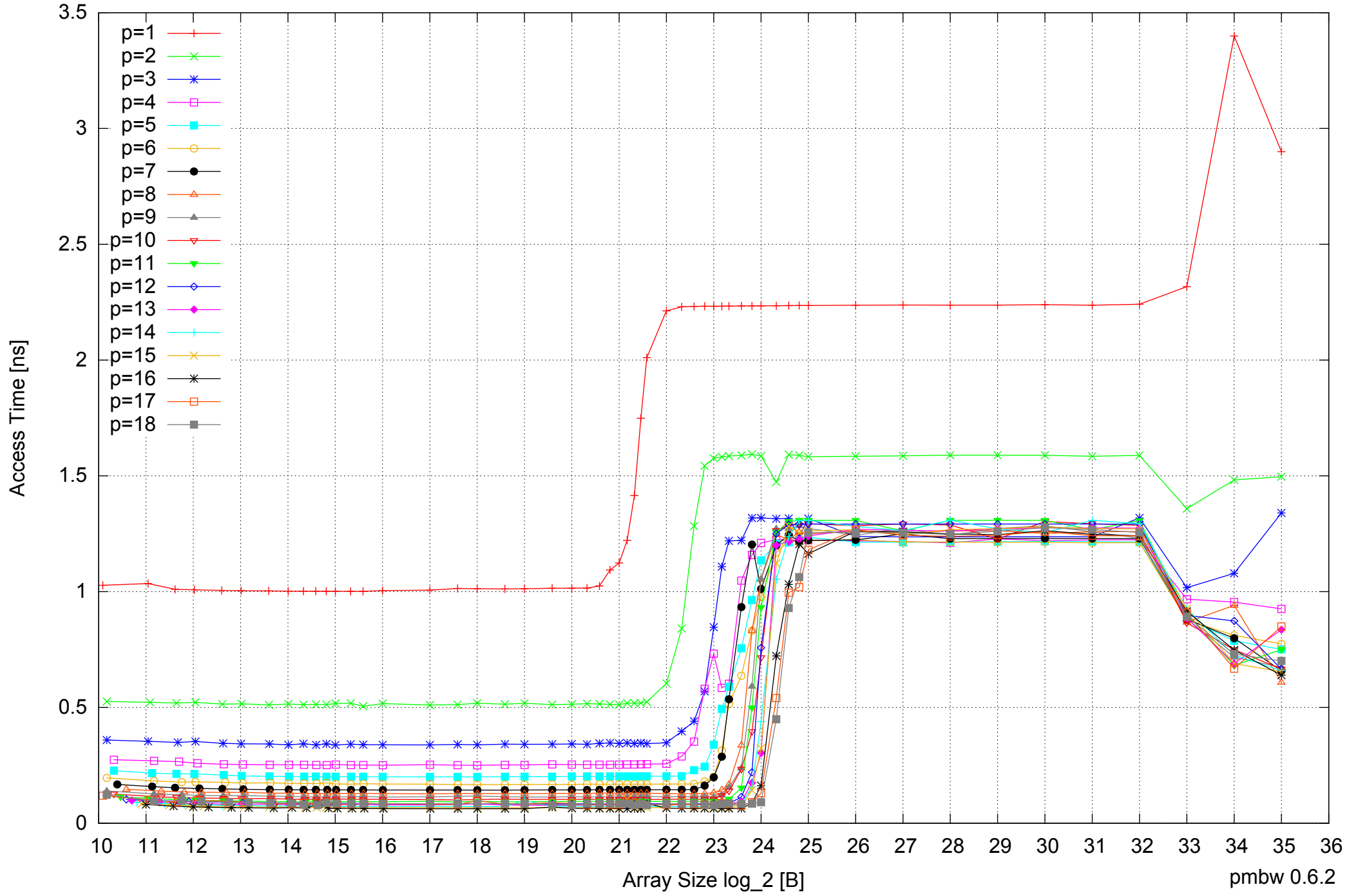
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64IndexUnrollLoop



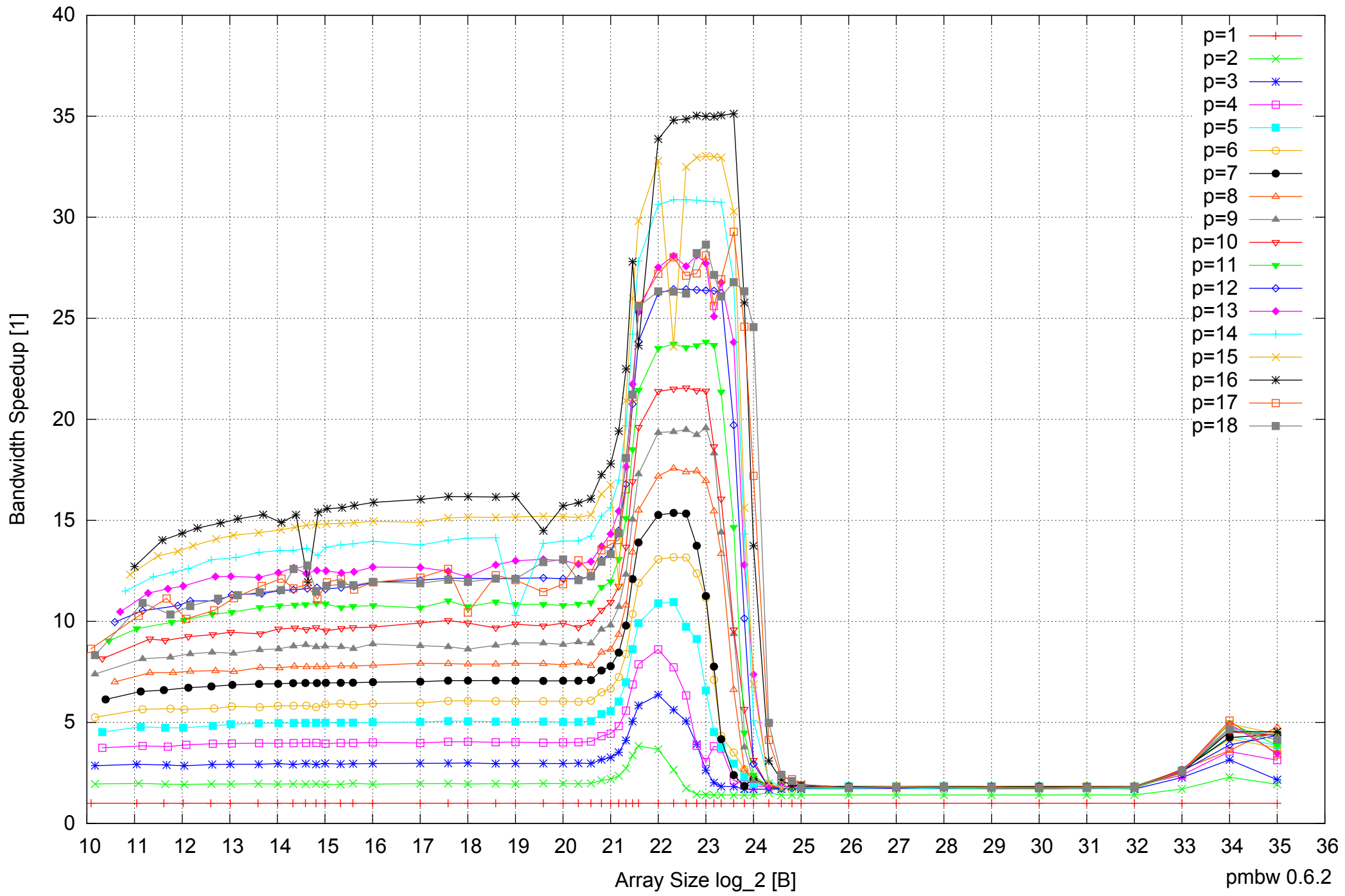
AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanWrite32PtrSimpleLoop

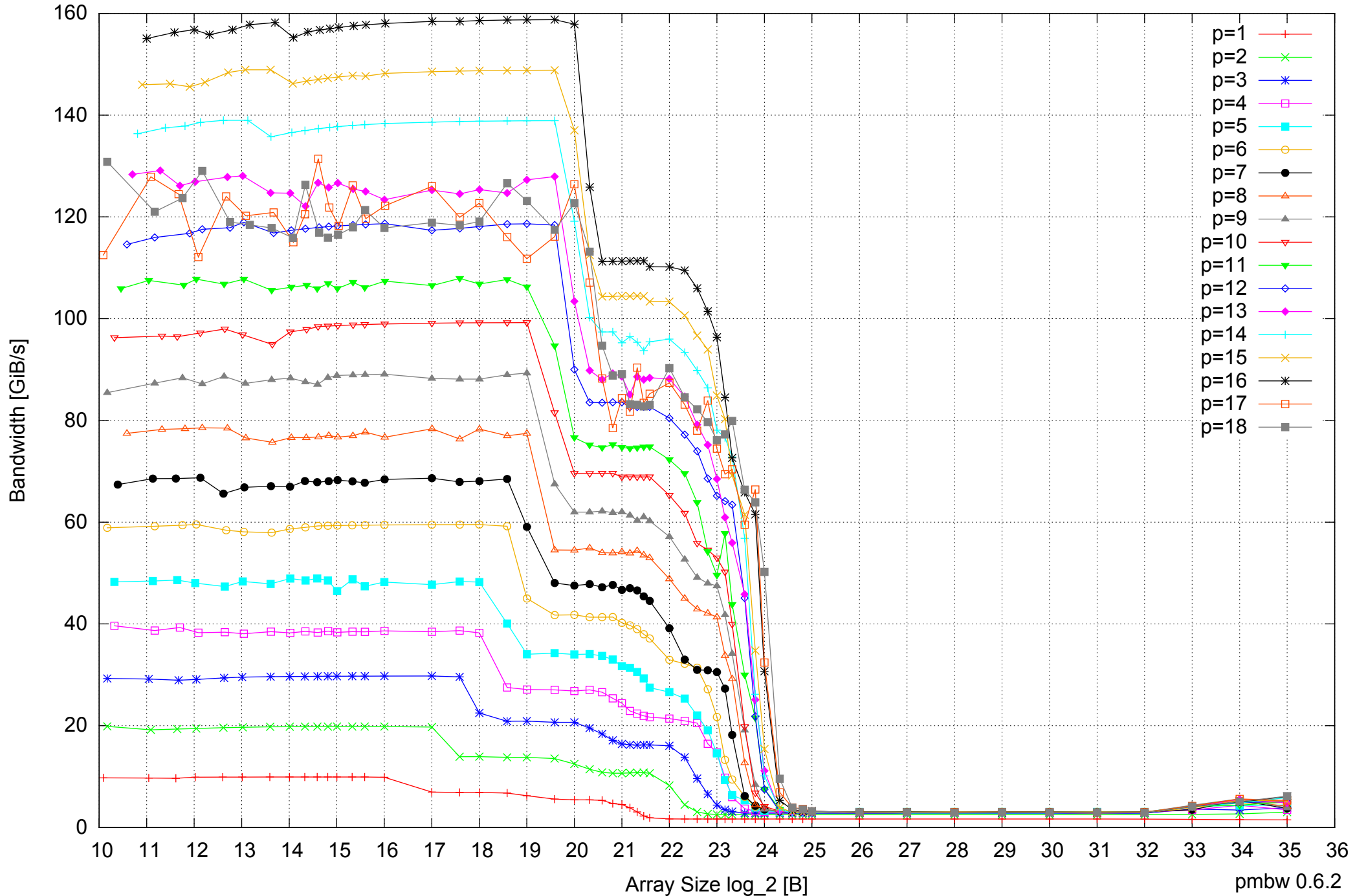


AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



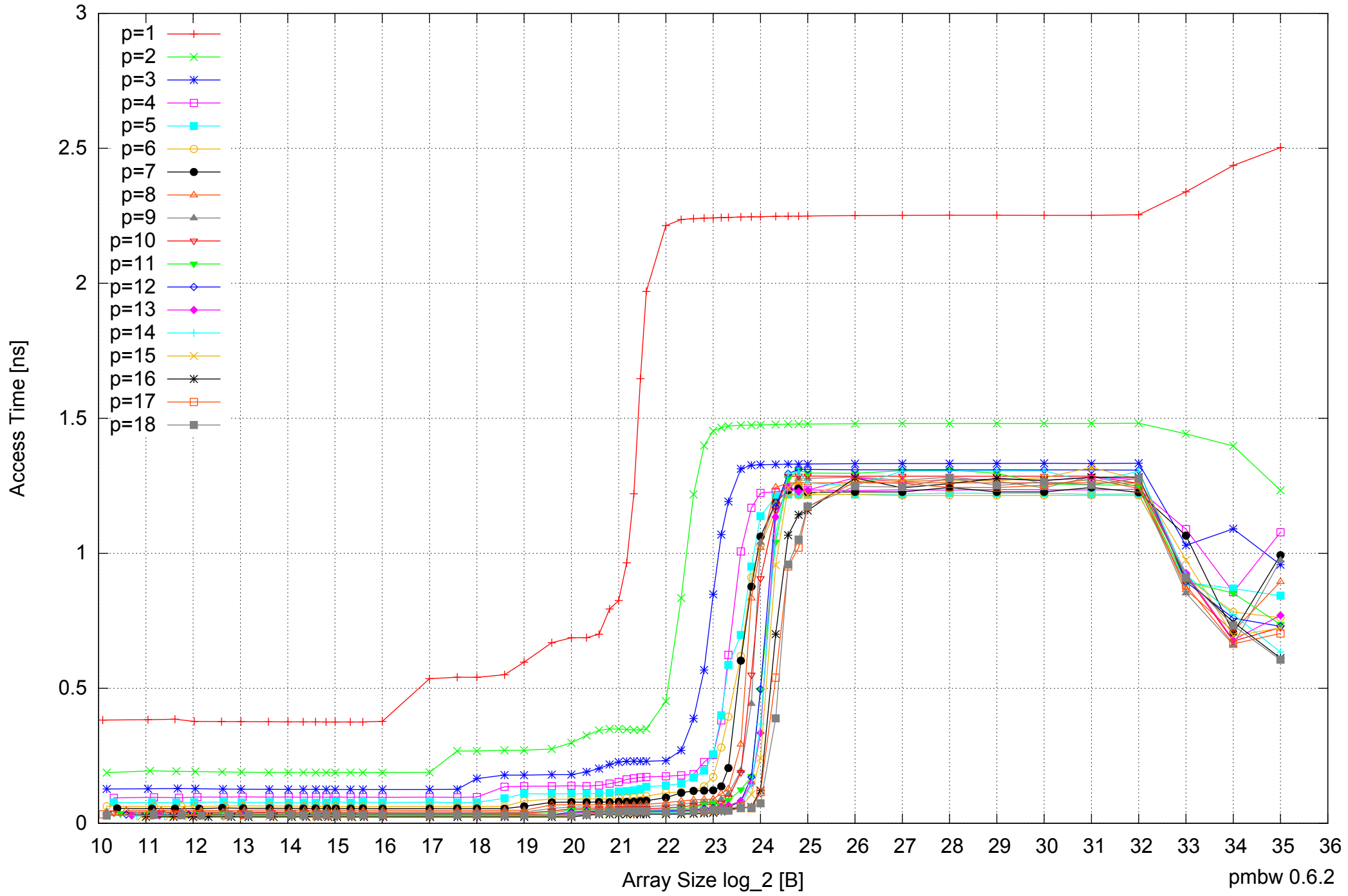


AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop

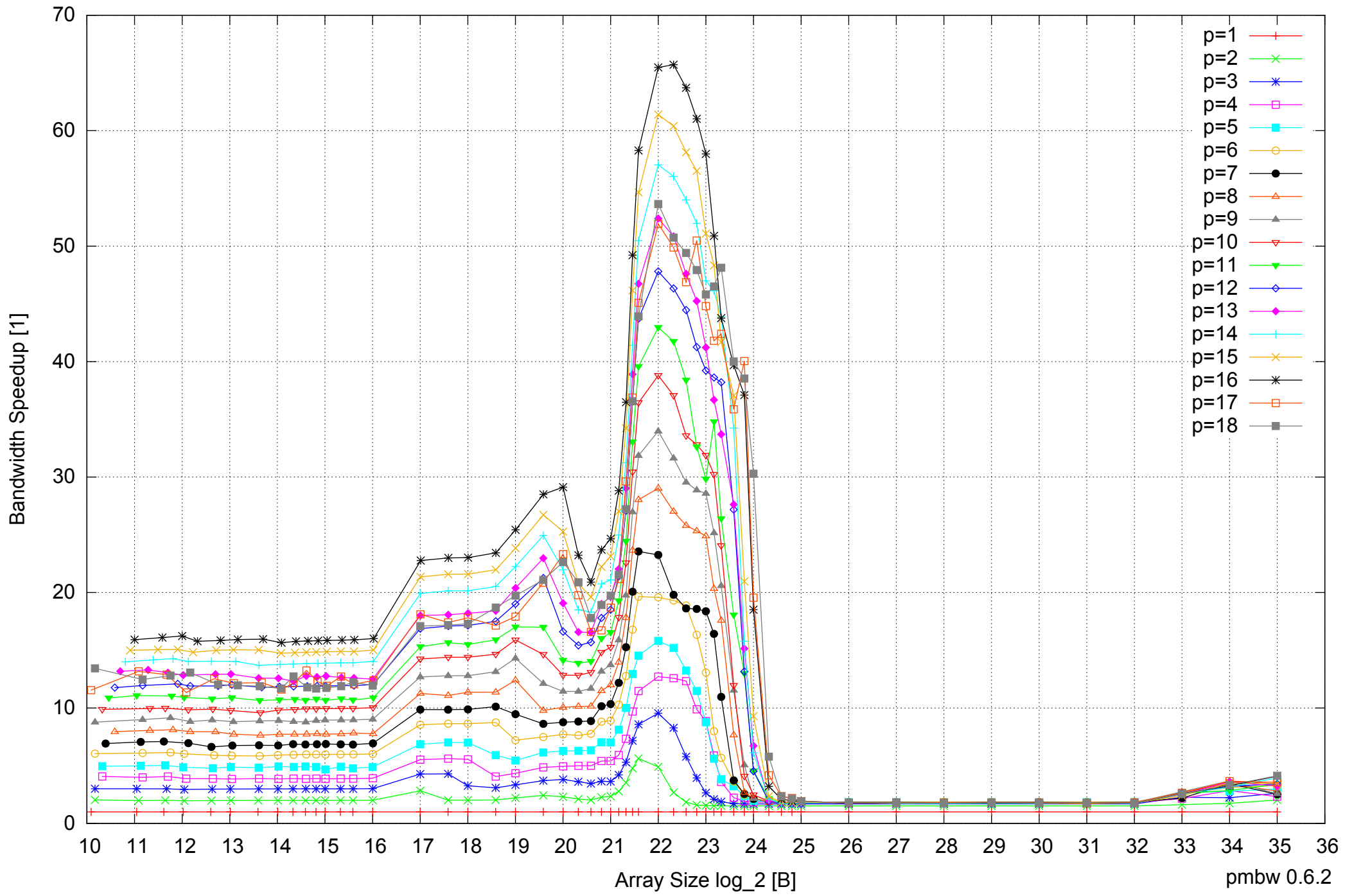




AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanWrite32PtrUnrollLoop

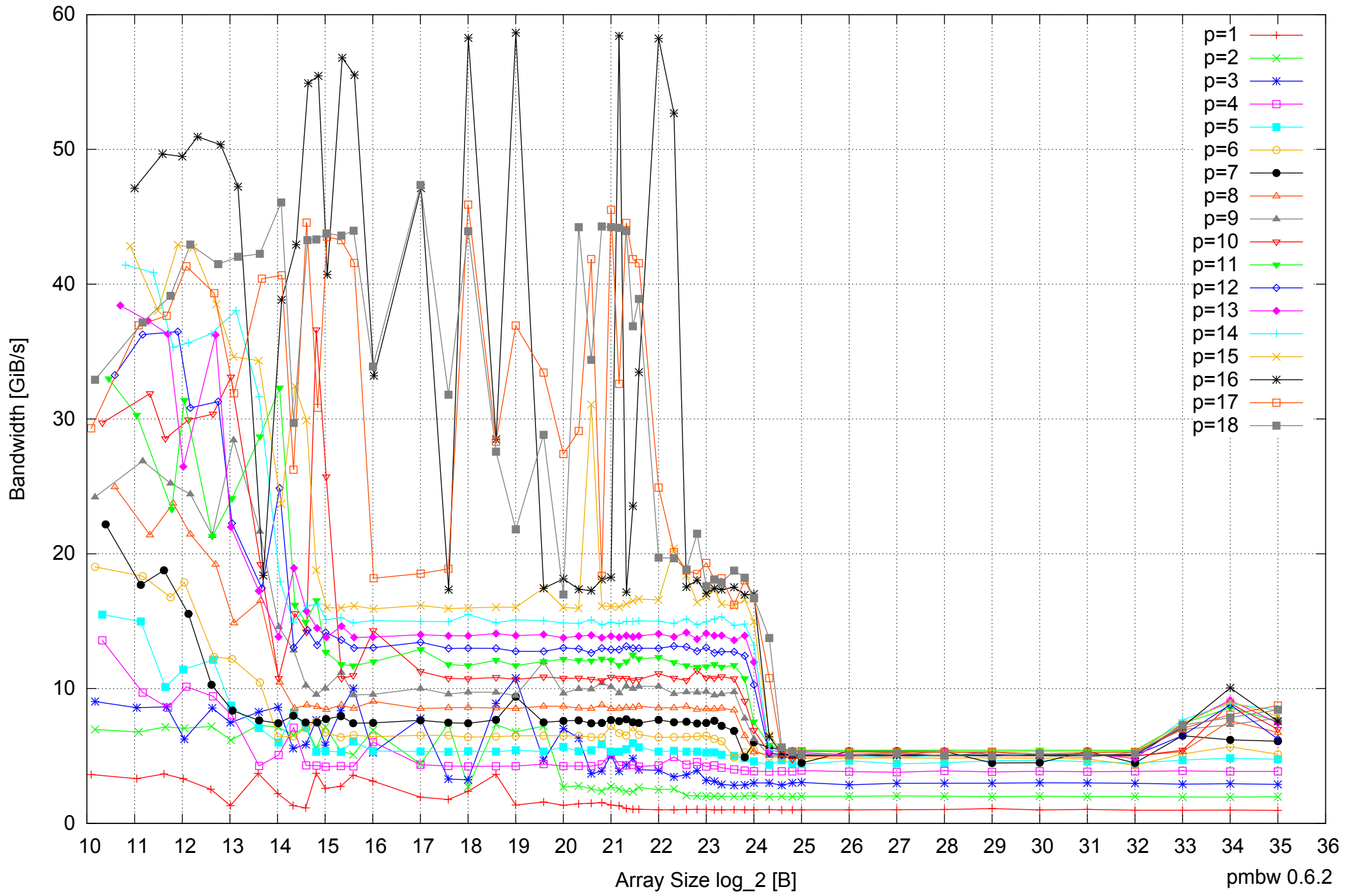


AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop

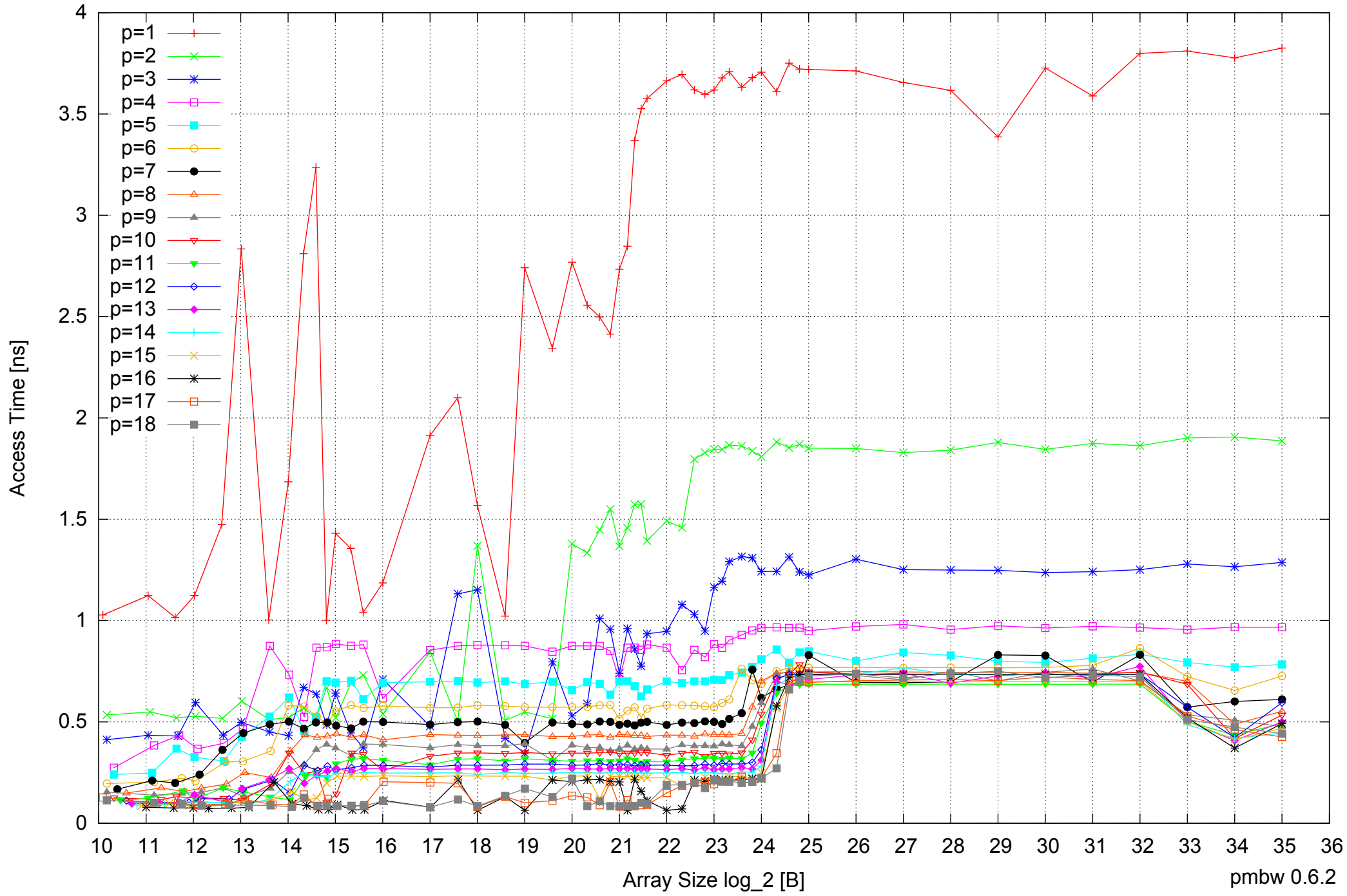




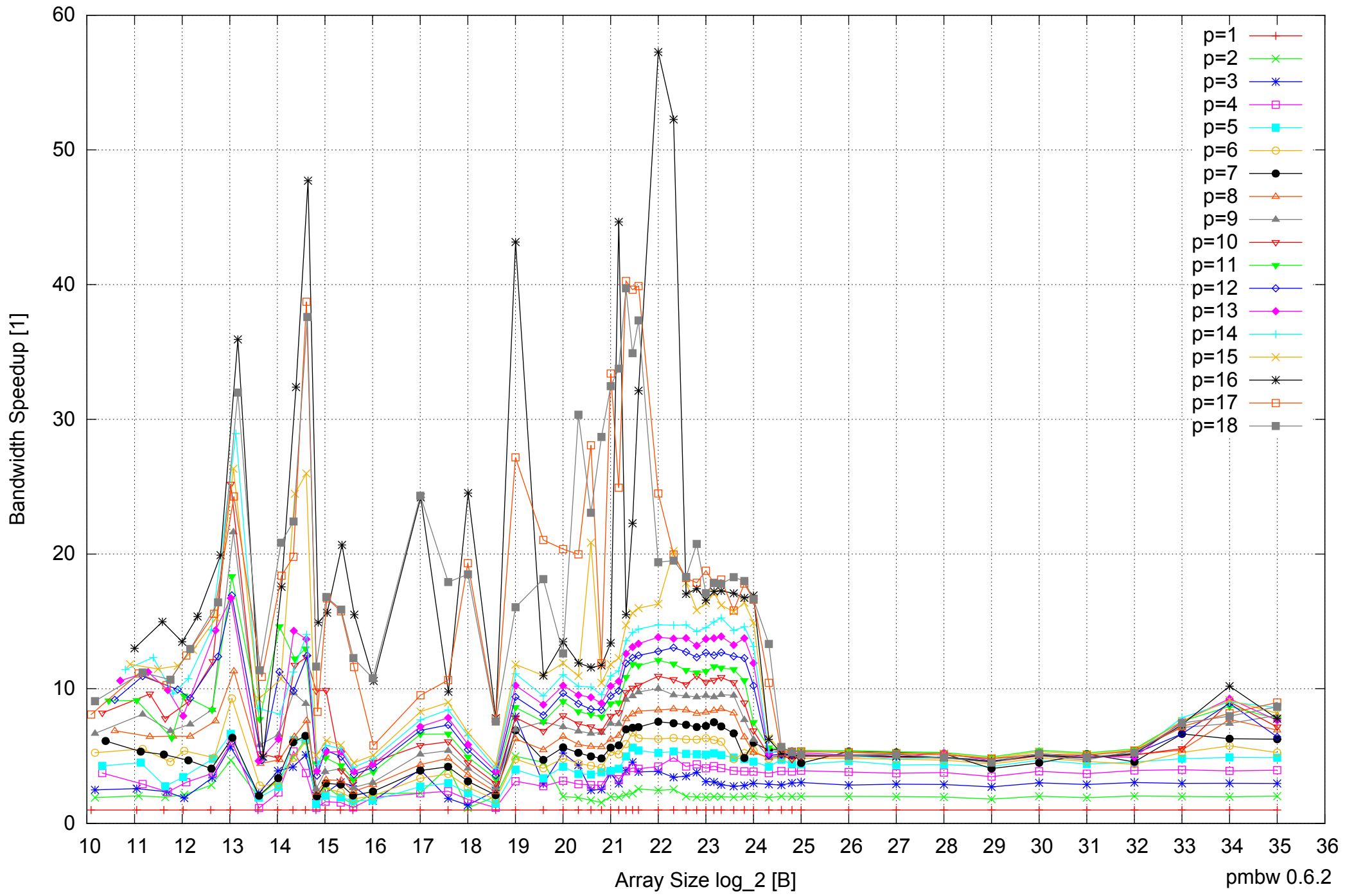
AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop



AMD Opteron 8350 64GB - Parallel Memory Access Time - ScanRead32PtrSimpleLoop



AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop

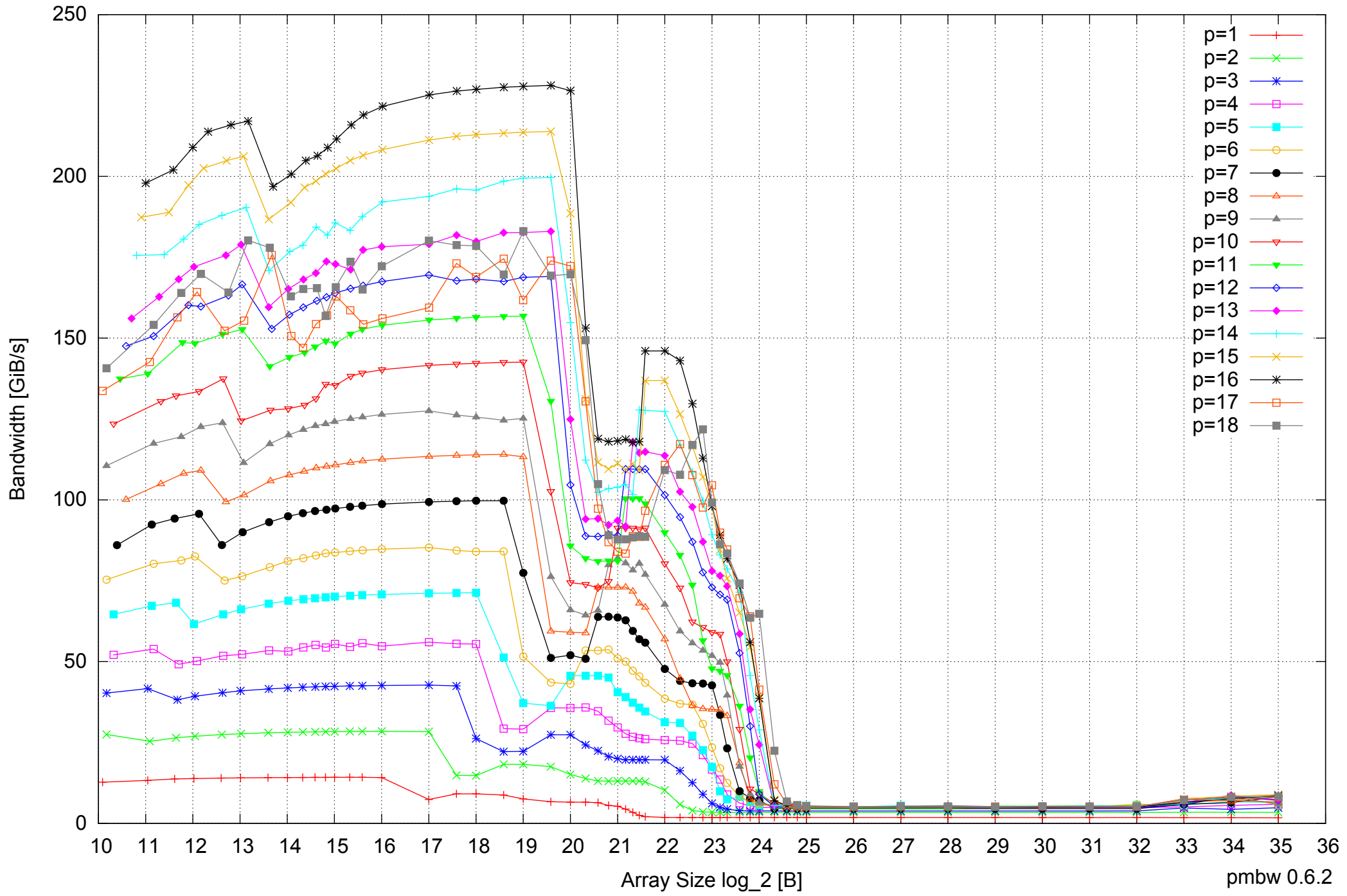








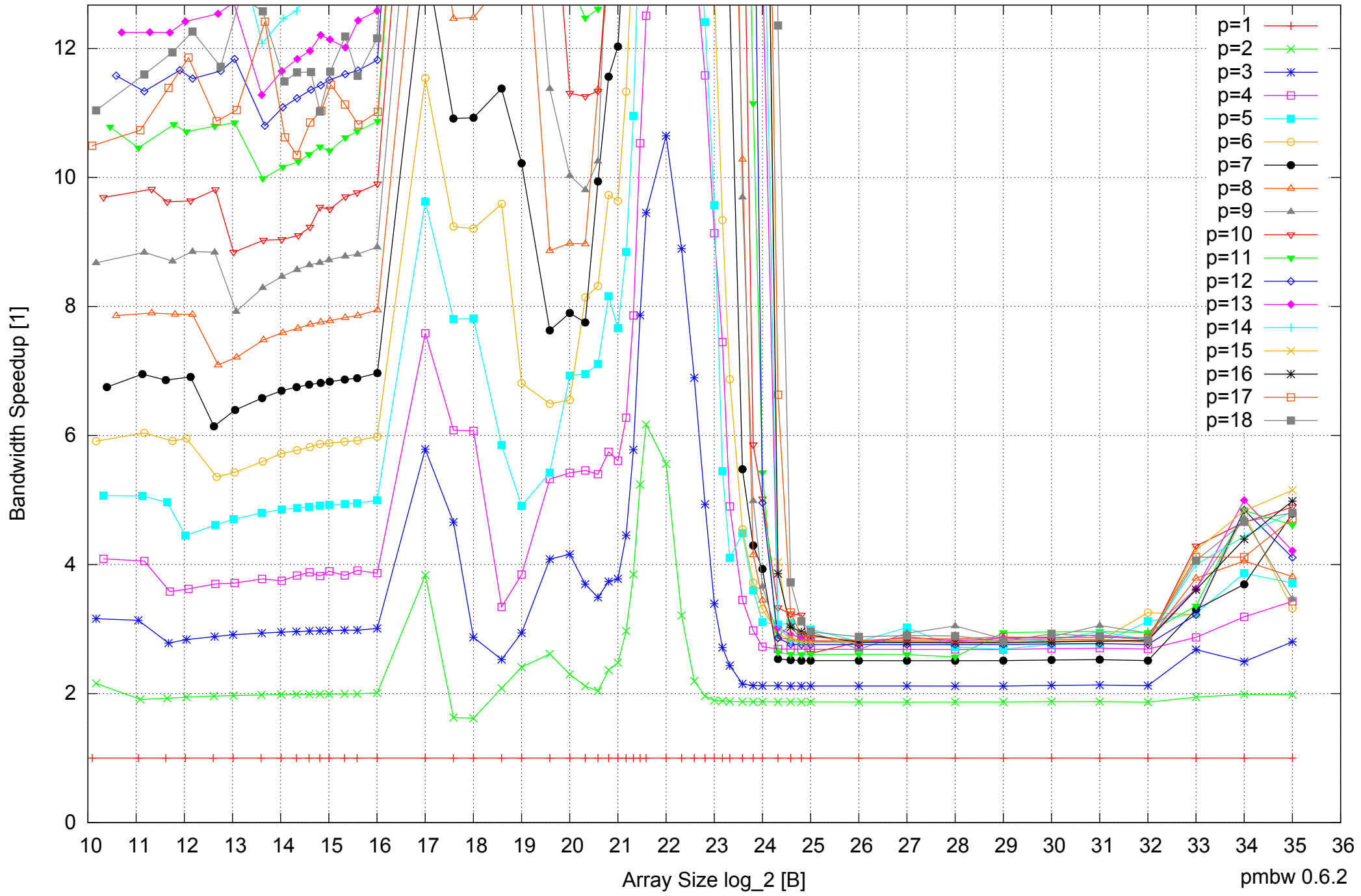
AMD Opteron 8350 64GB - Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop



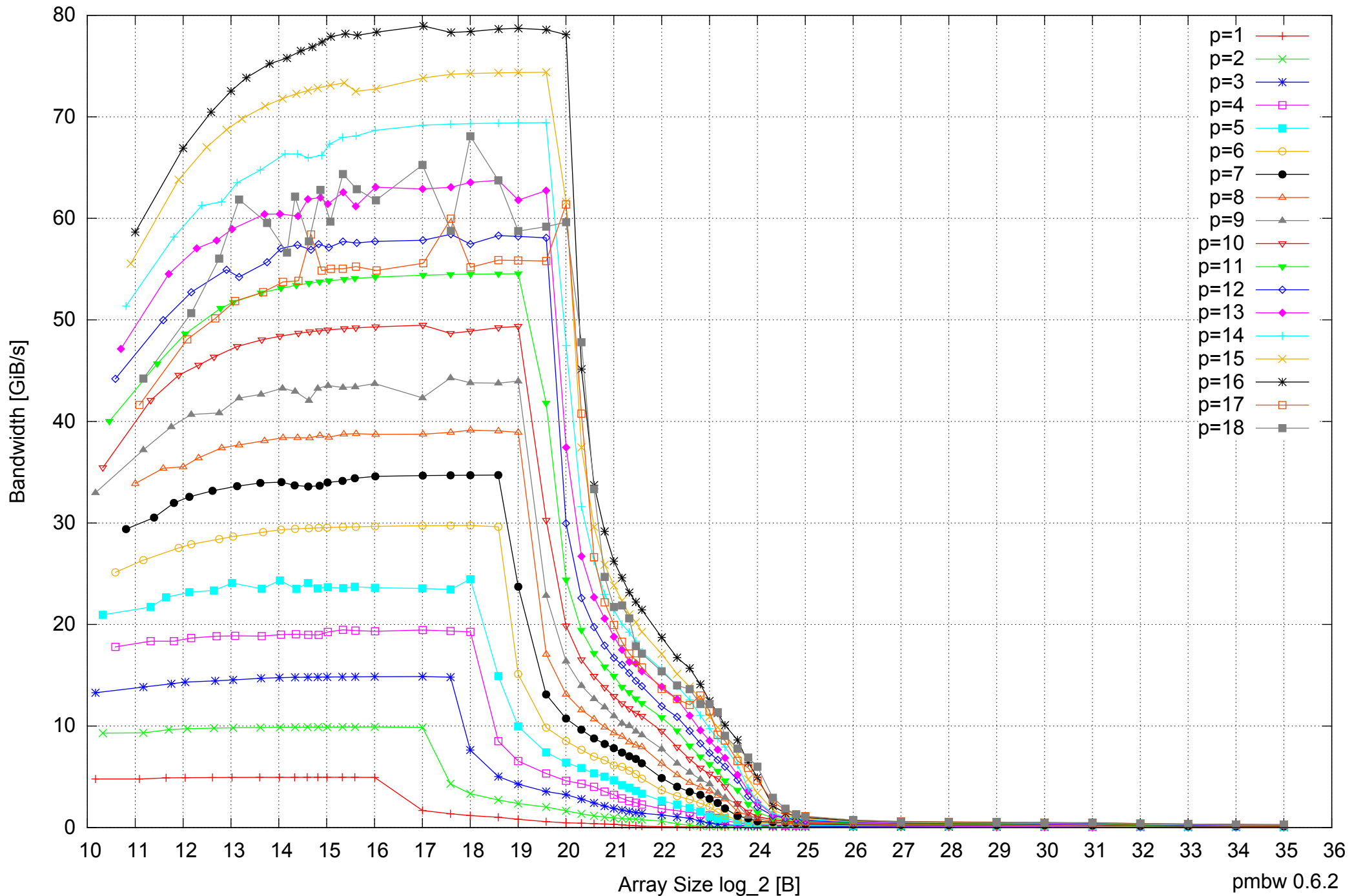




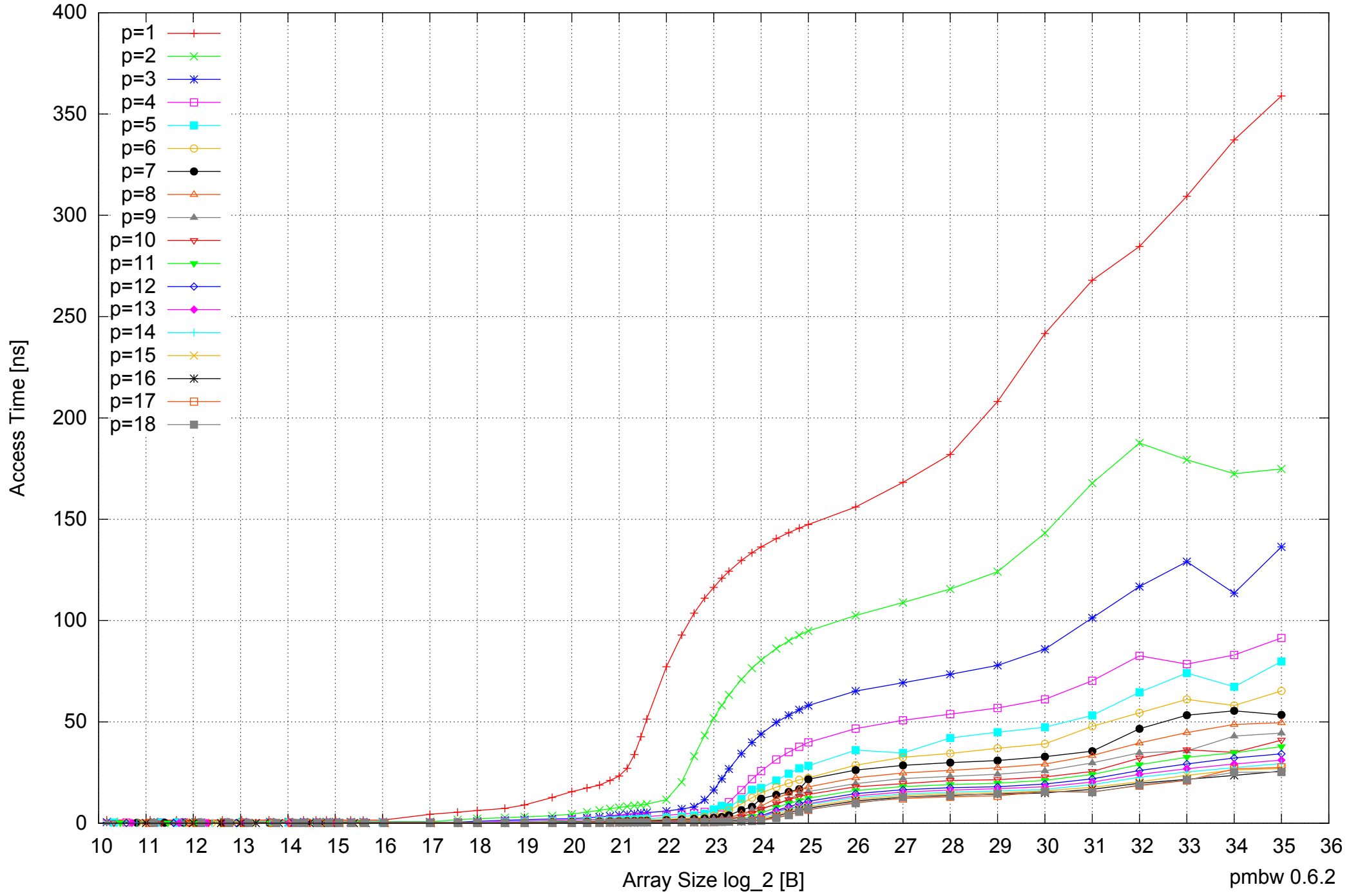
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32PtrUnrollLoop



AMD Opteron 8350 64GB - Parallel Memory Bandwidth - PermRead64SimpleLoop



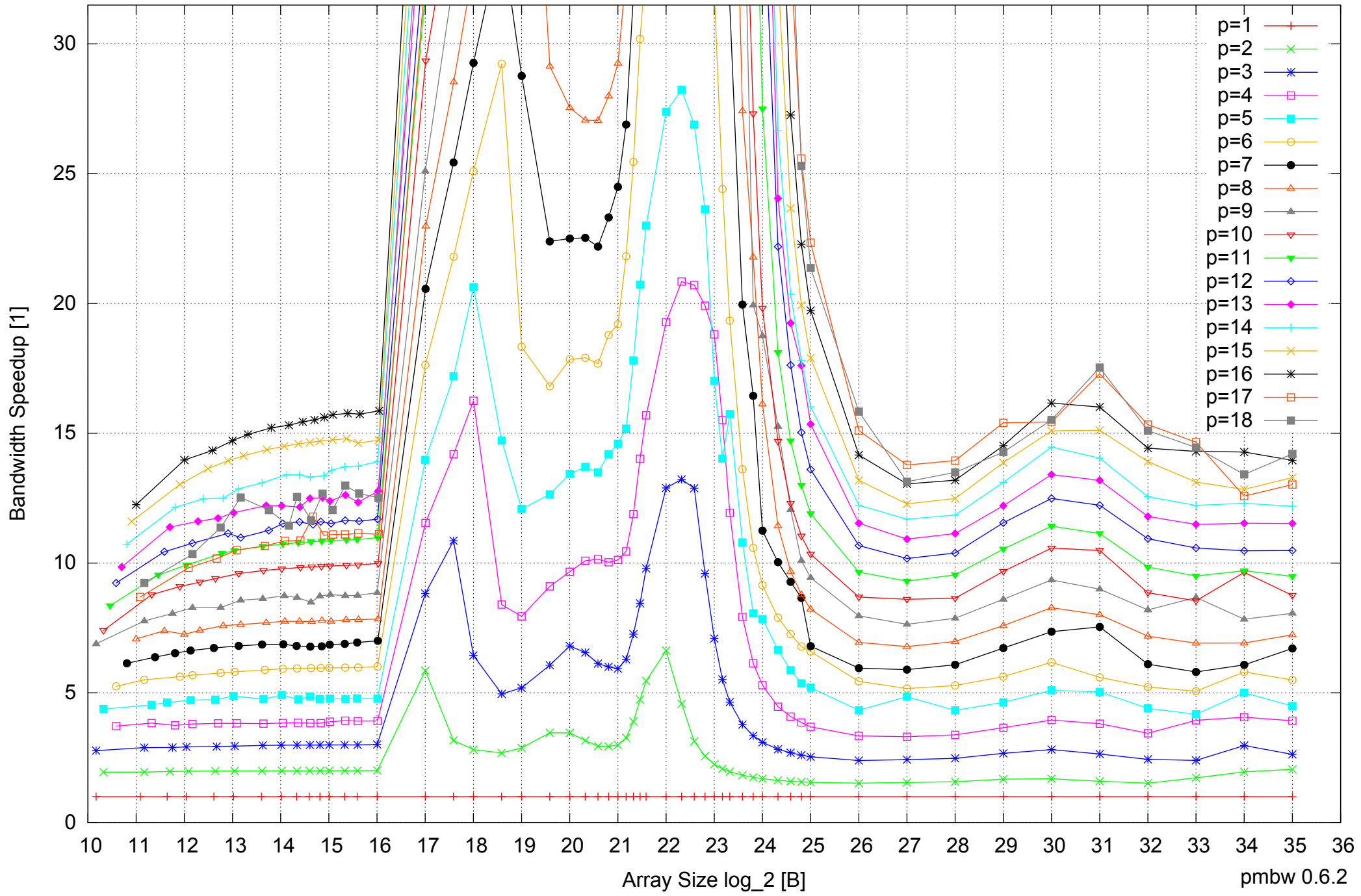
AMD Opteron 8350 64GB - Parallel Memory Access Time - PermRead64SimpleLoop



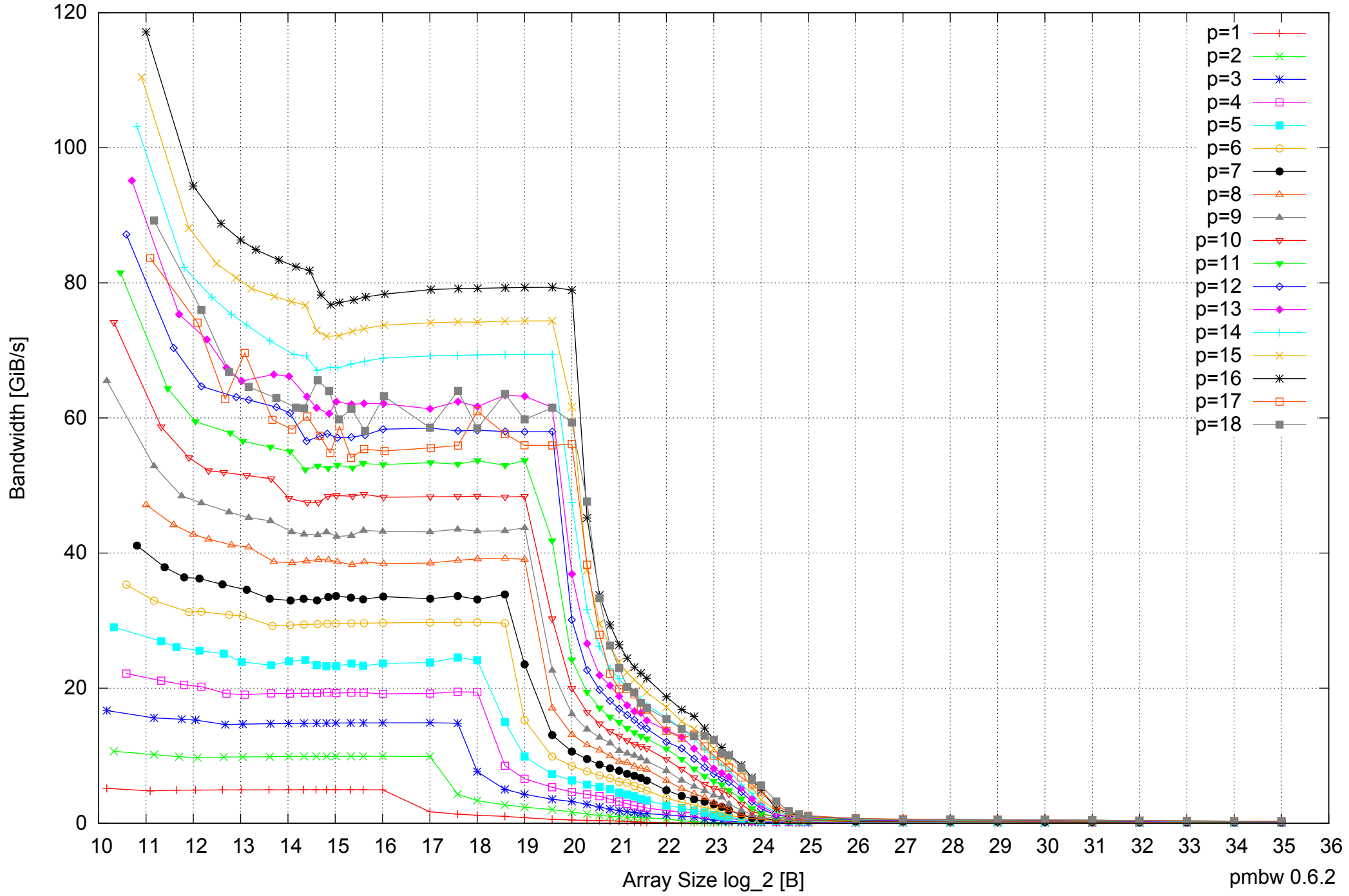




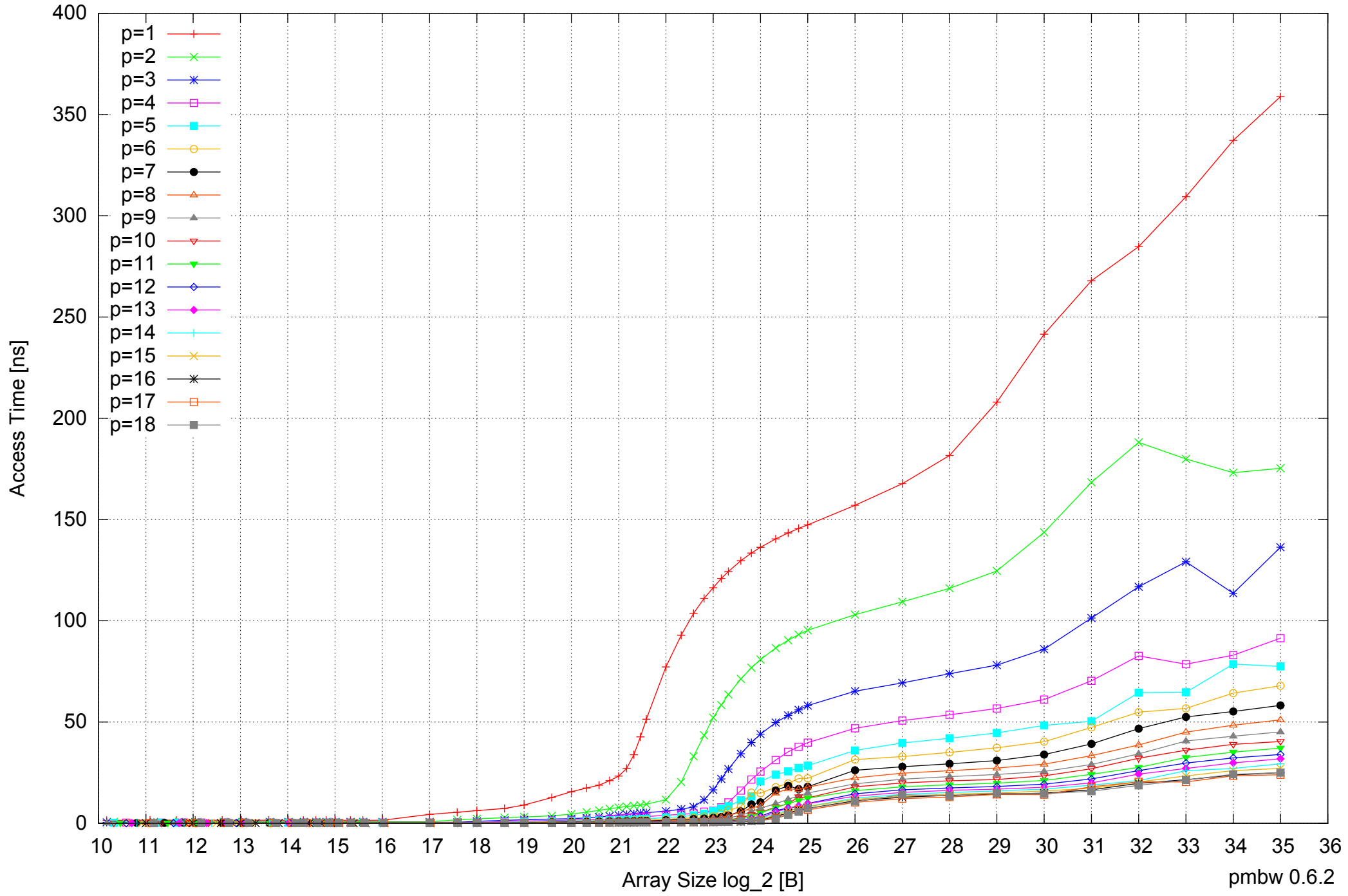
AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64SimpleLoop



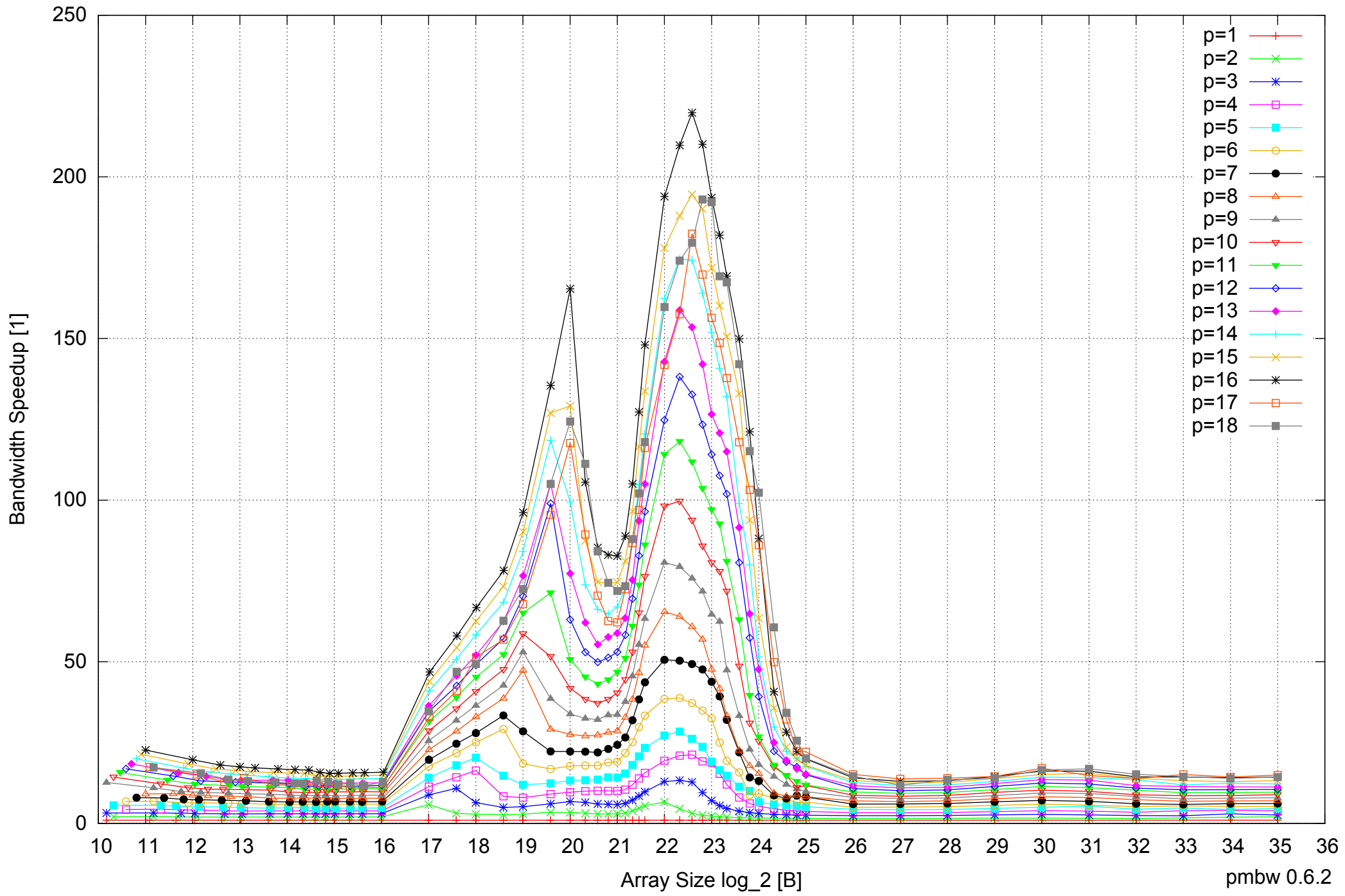
AMD Opteron 8350 64GB - Parallel Memory Bandwidth - PermRead64UnrollLoop



AMD Opteron 8350 64GB - Parallel Memory Access Time - PermRead64UnrollLoop



AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth - PermRead64UnrollLoop



AMD Opteron 8350 64GB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64UnrollLoop

