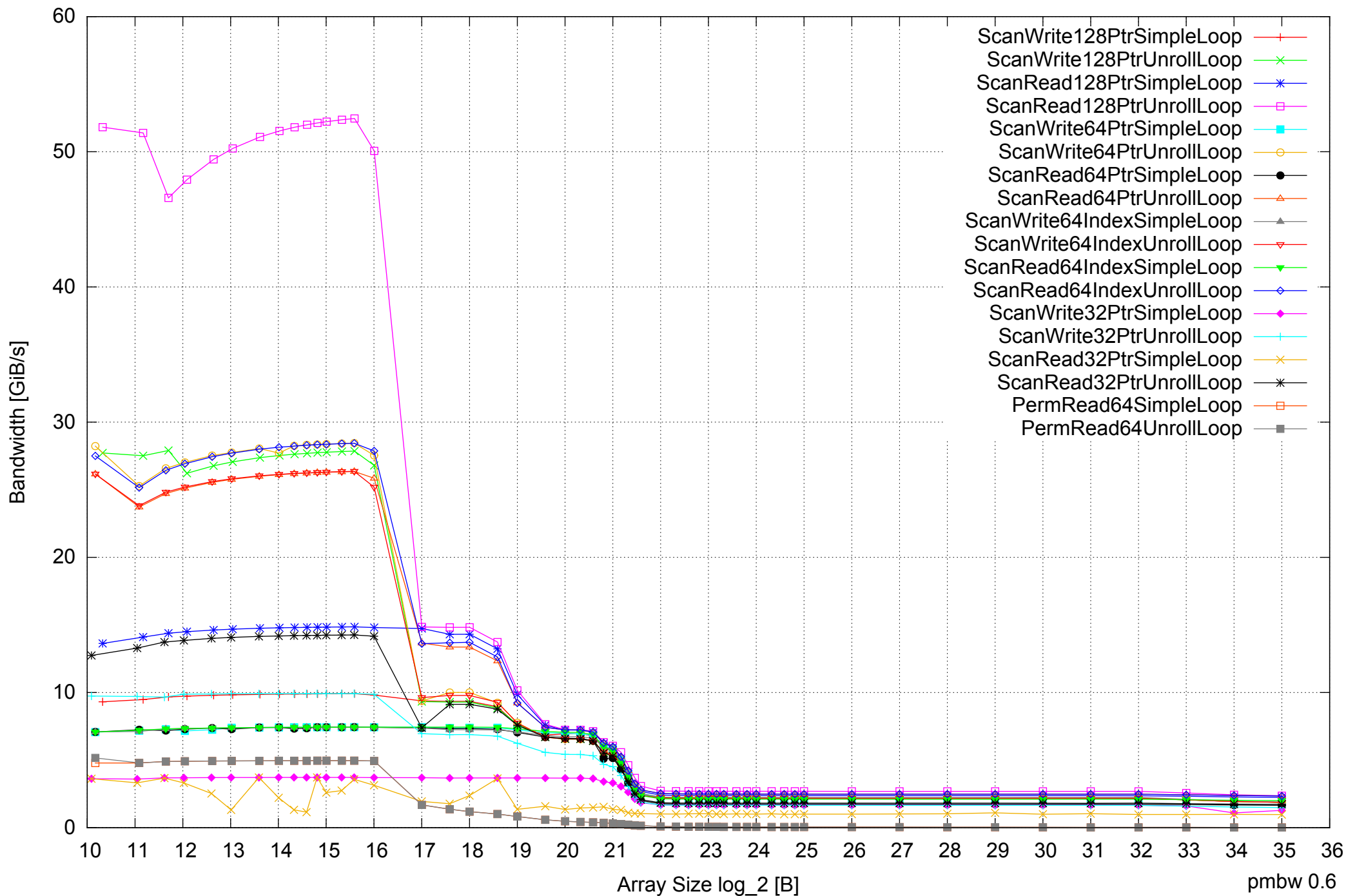
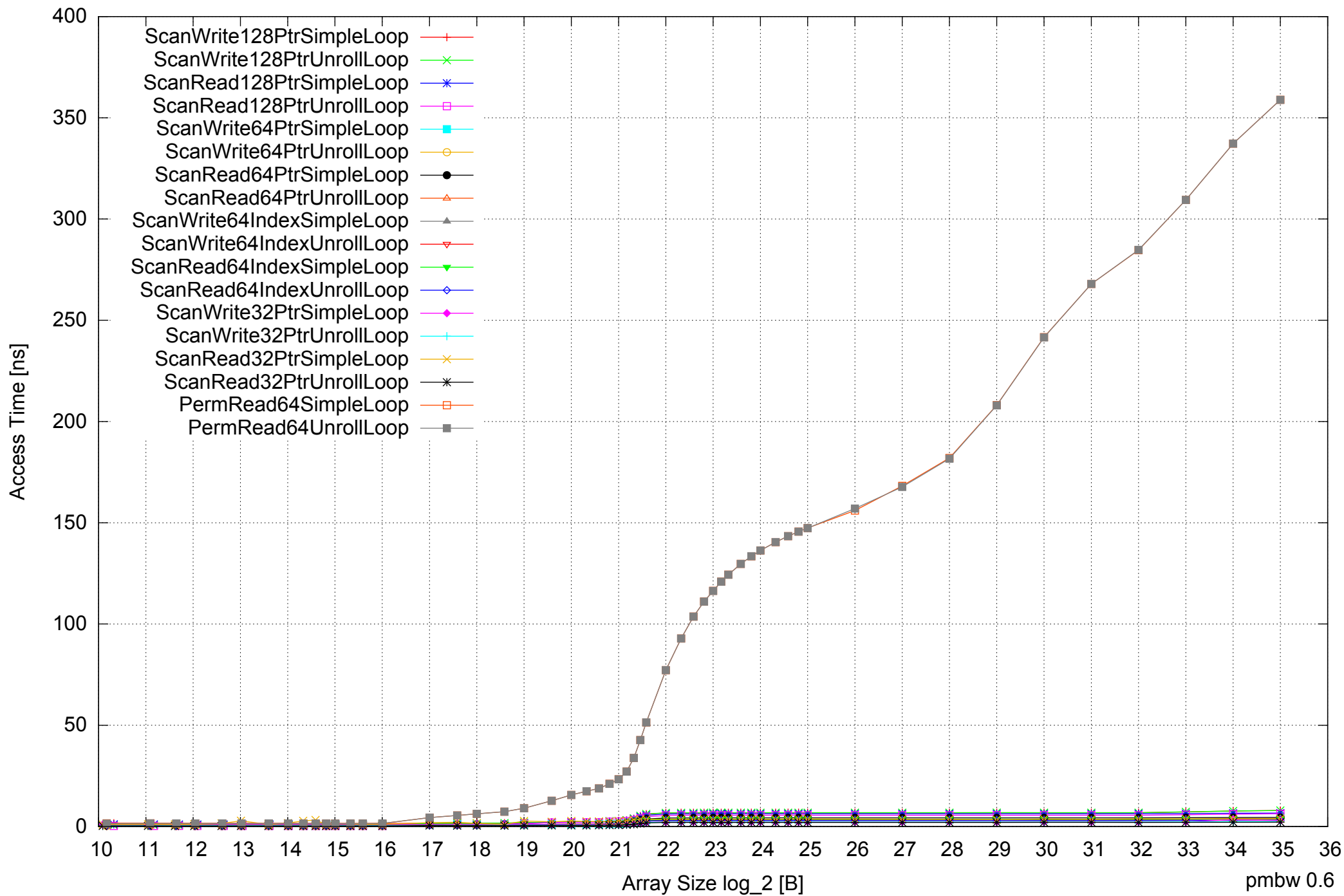


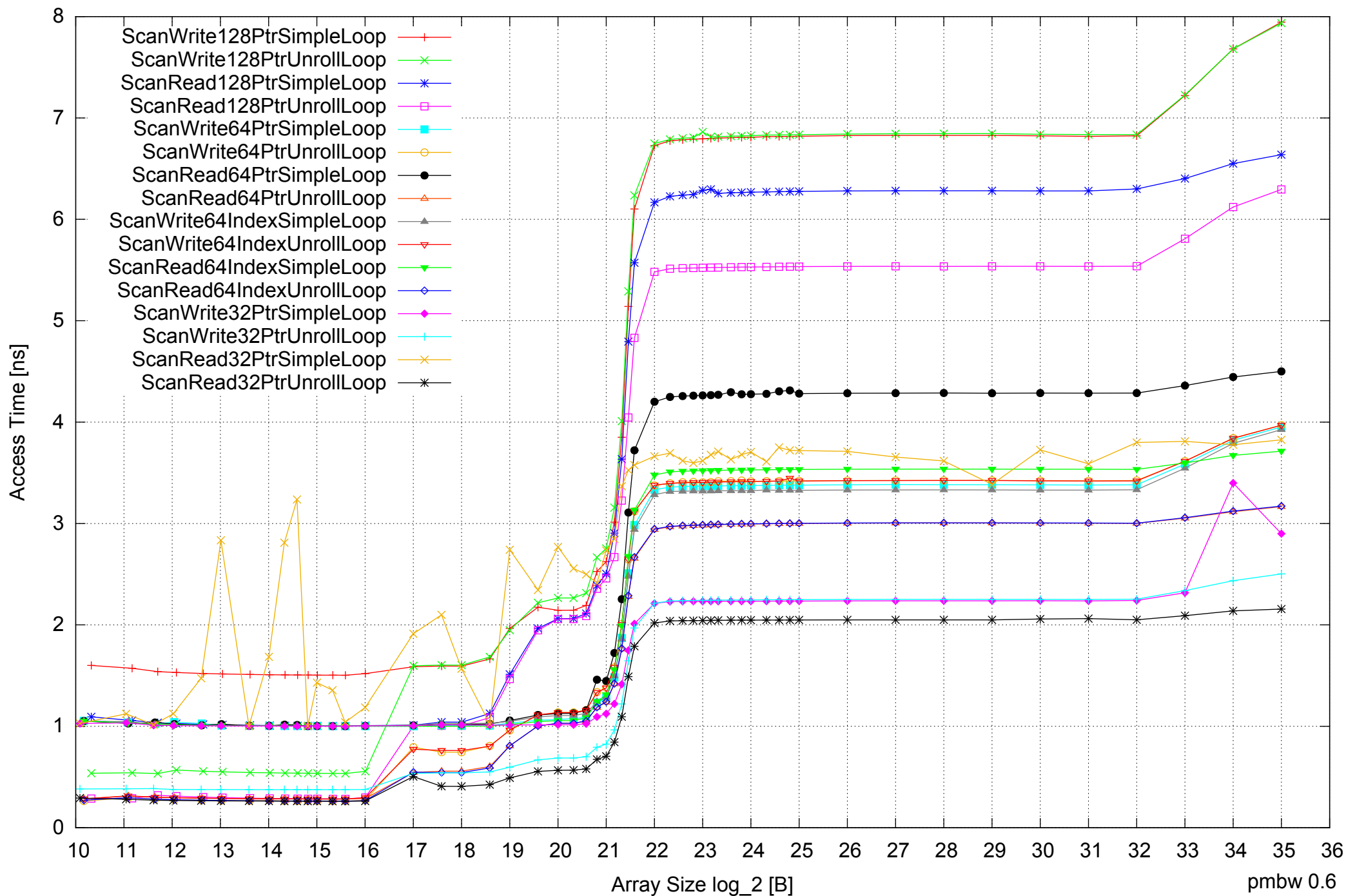
AMD Opteron 8350 64GB - One Thread Memory Bandwidth



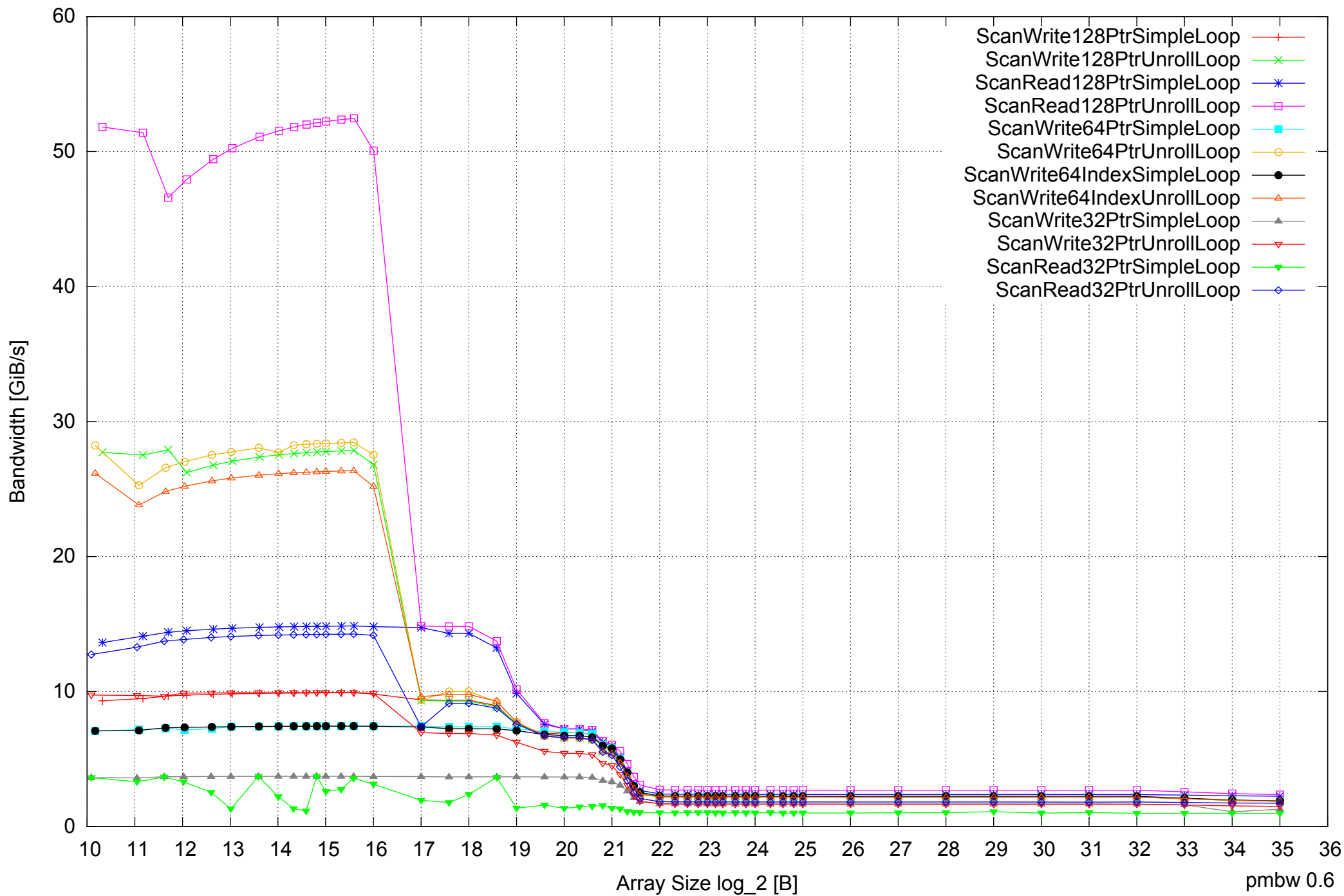
AMD Opteron 8350 64GB - One Thread Memory Latency



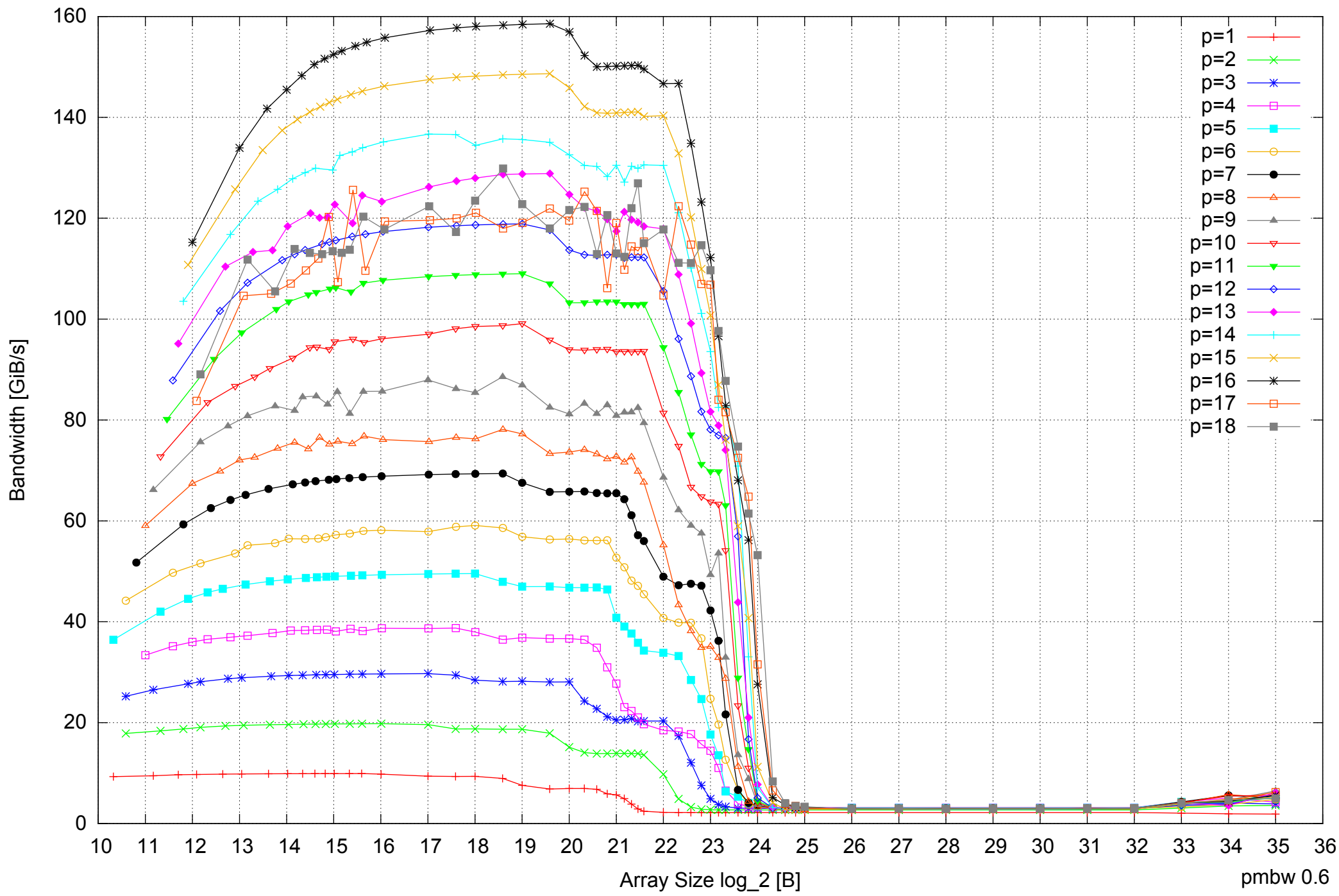
AMD Opteron 8350 64GB - One Thread Memory Latency (excluding Permutation)



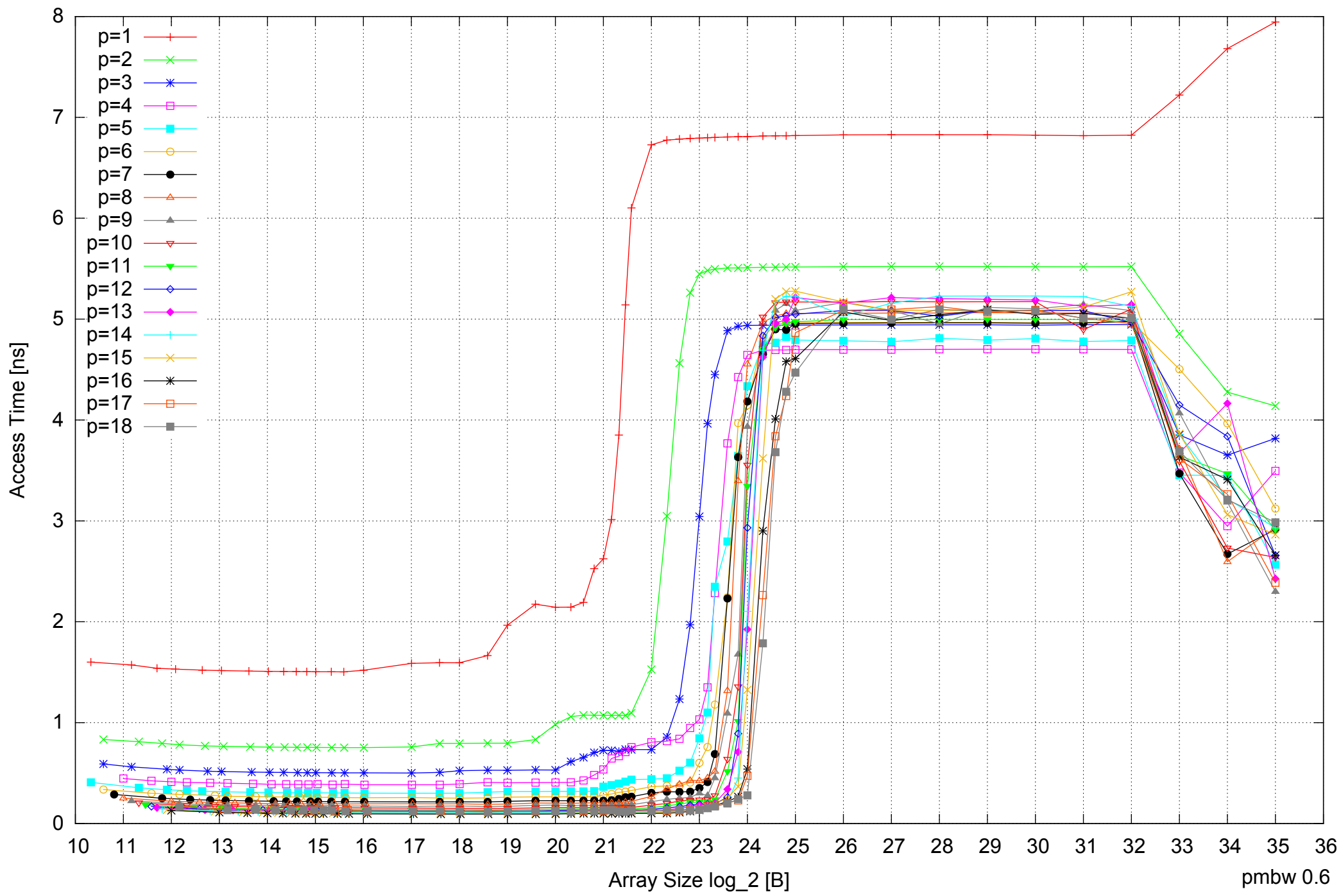
AMD Opteron 8350 64GB - One Thread Memory Bandwidth (only 64-bit Reads)



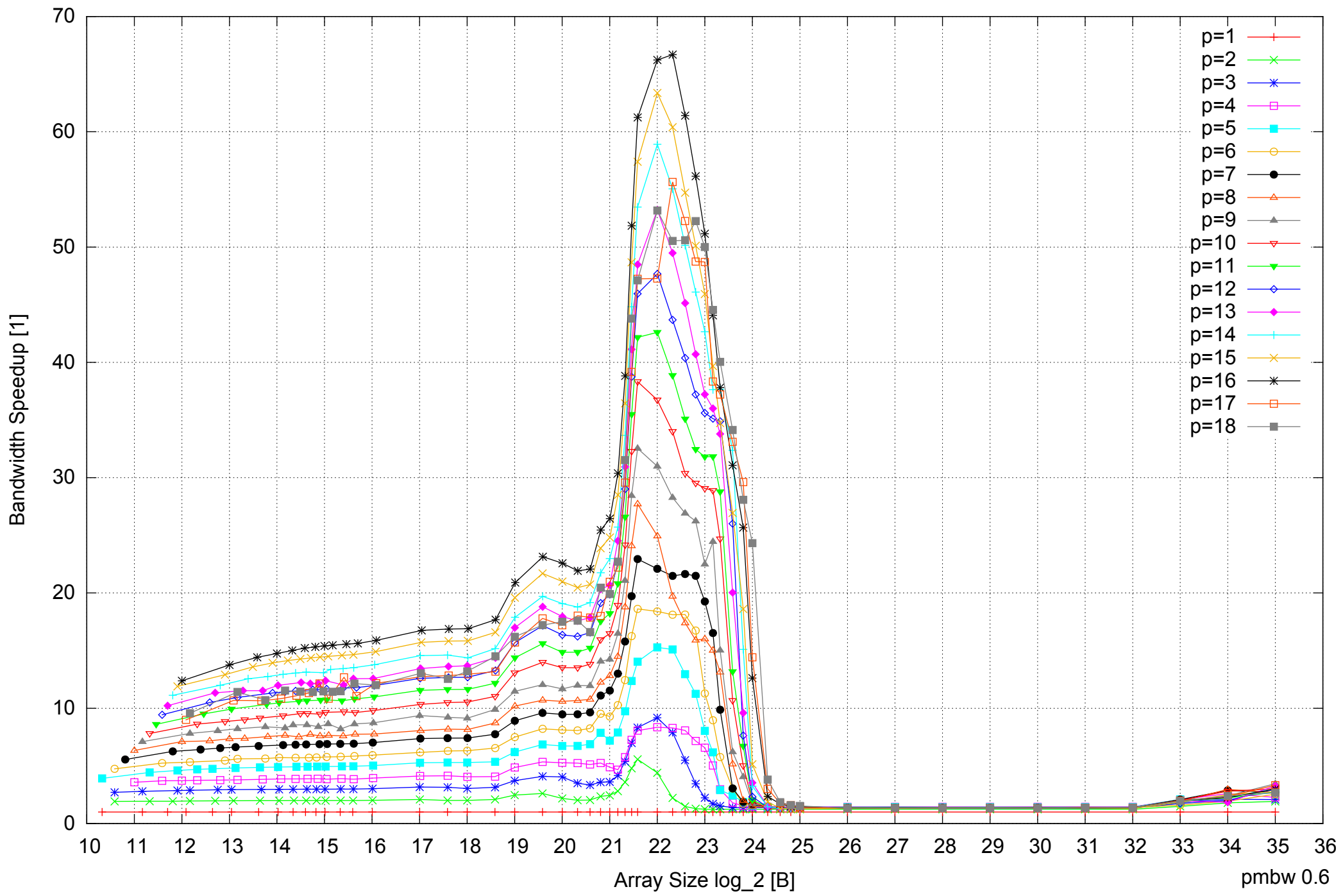
AMD Opteron 8350 64GB - Memory Bandwidth - ScanWrite128PtrSimpleLoop



AMD Opteron 8350 64GB - Memory Latency - ScanWrite128PtrSimpleLoop

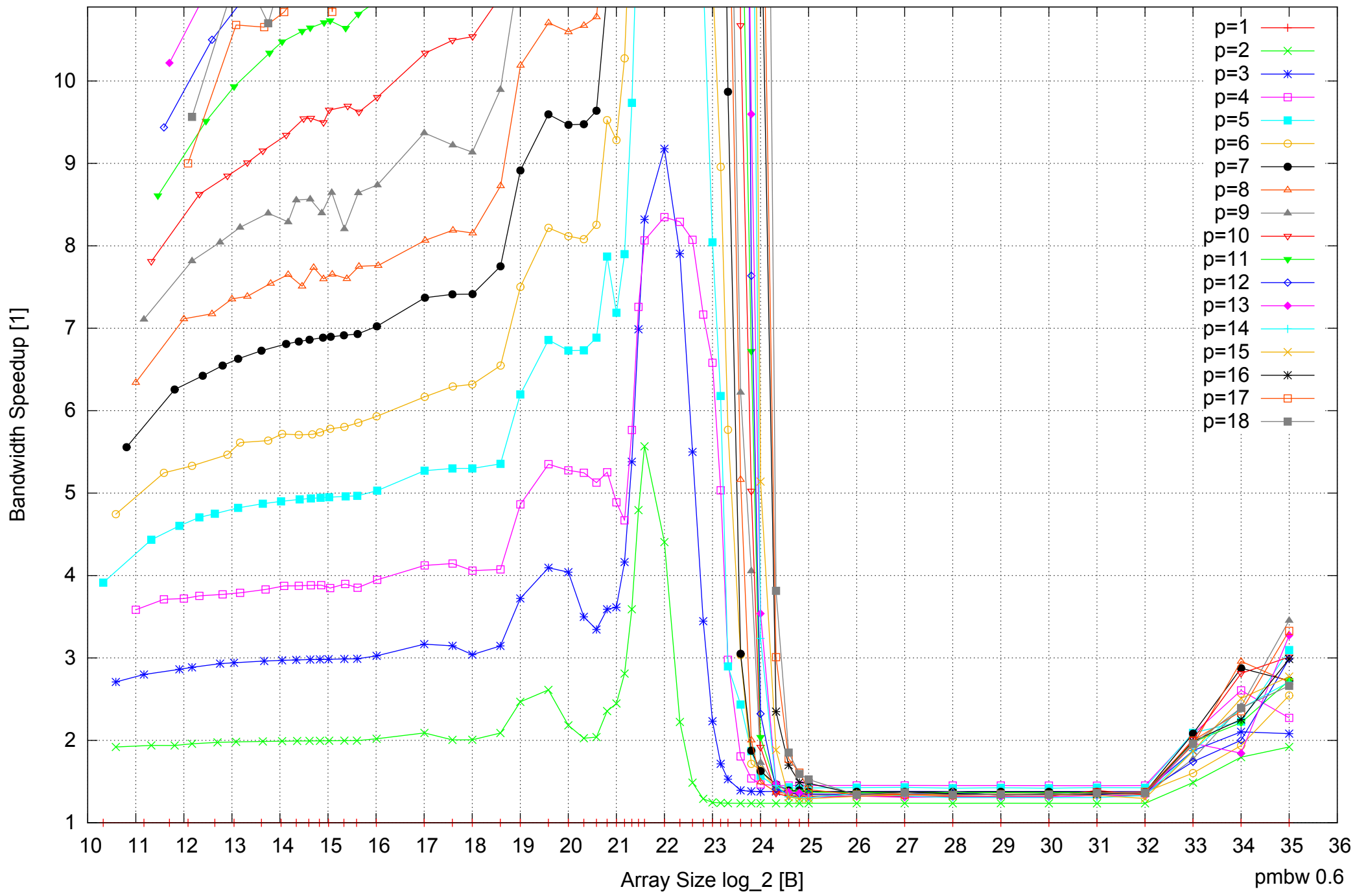


AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanWrite128PtrSimpleLoop



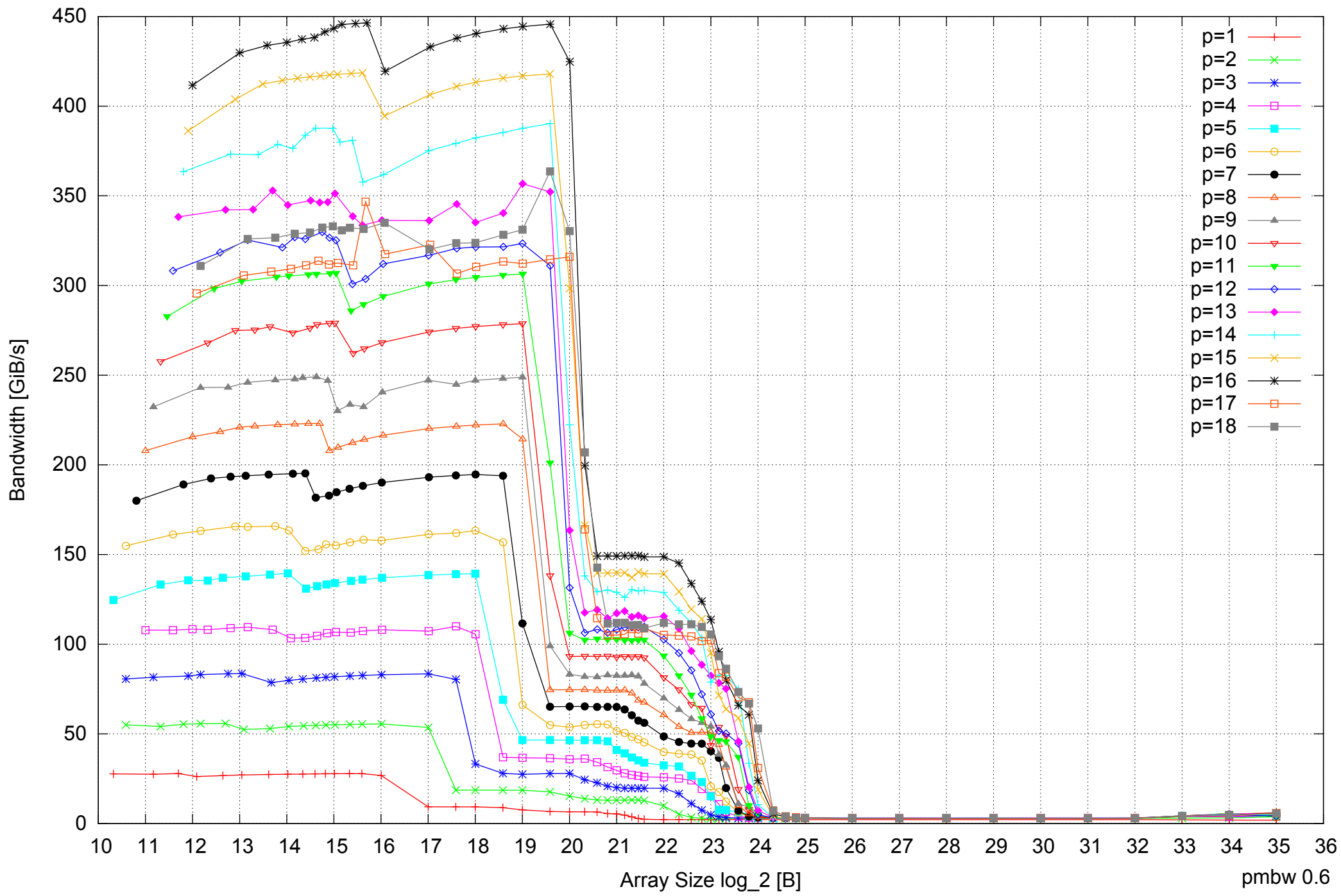


AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite128PtrSimpleLoop

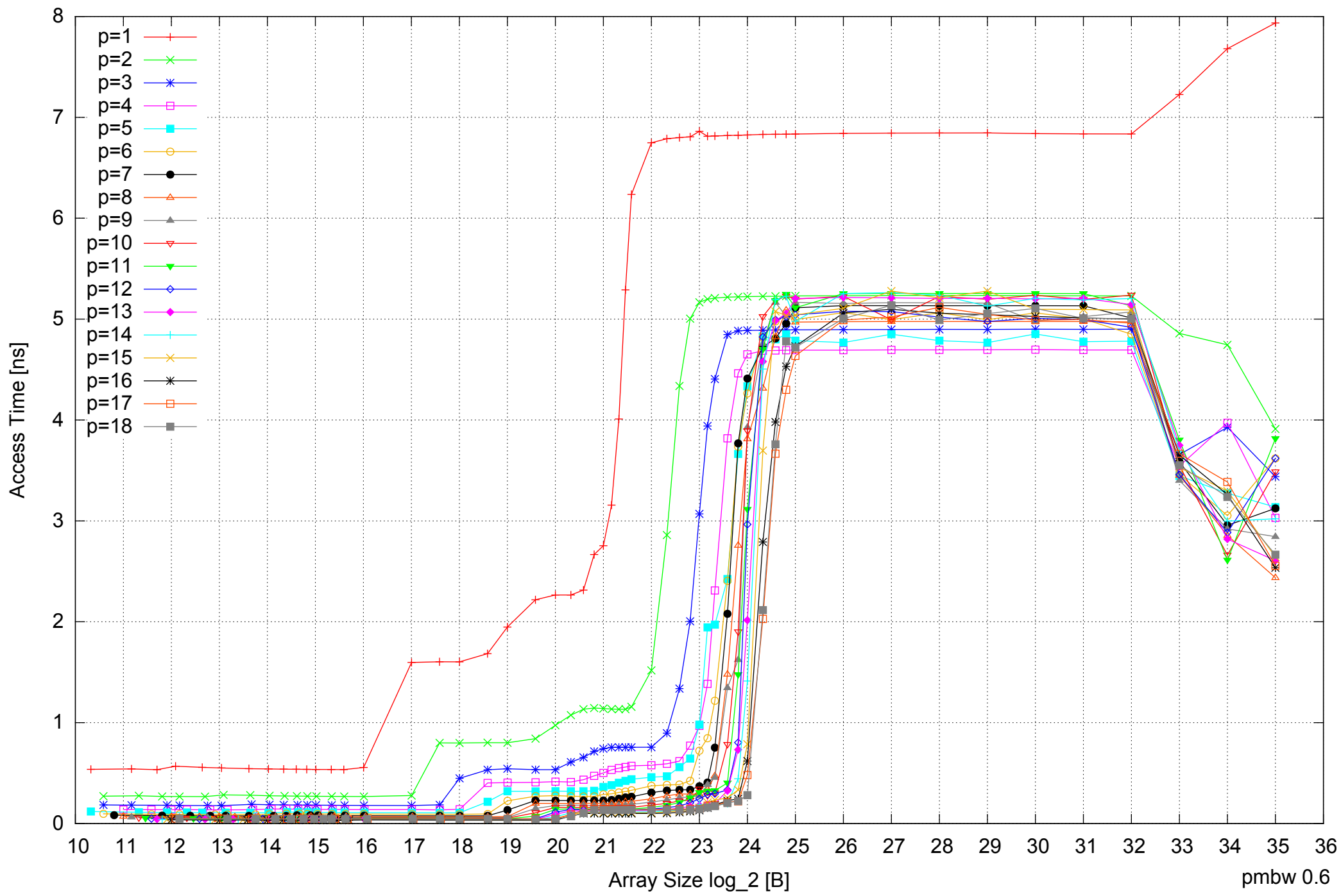




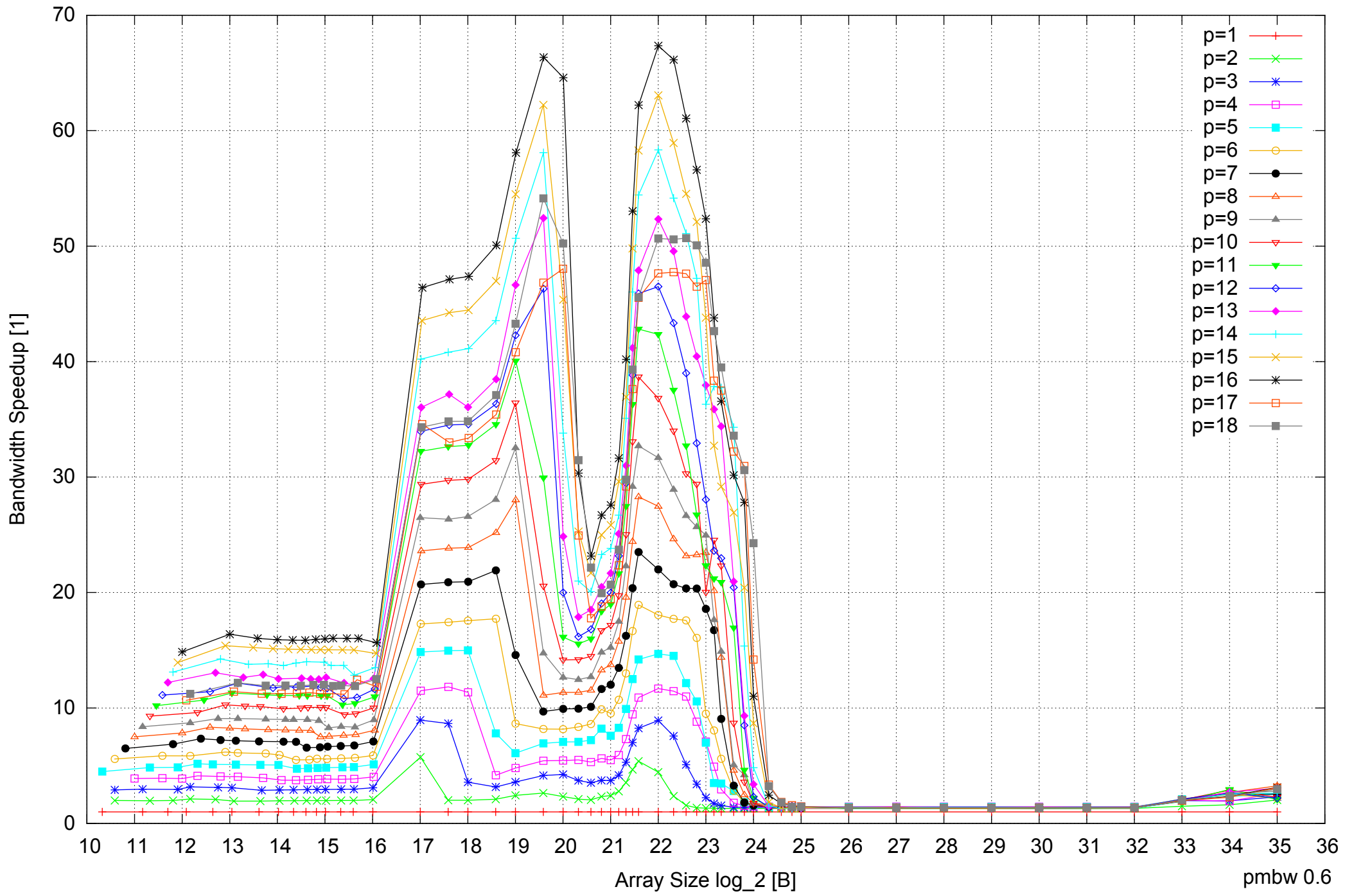
AMD Opteron 8350 64GB - Memory Bandwidth - ScanWrite128PtrUnrollLoop



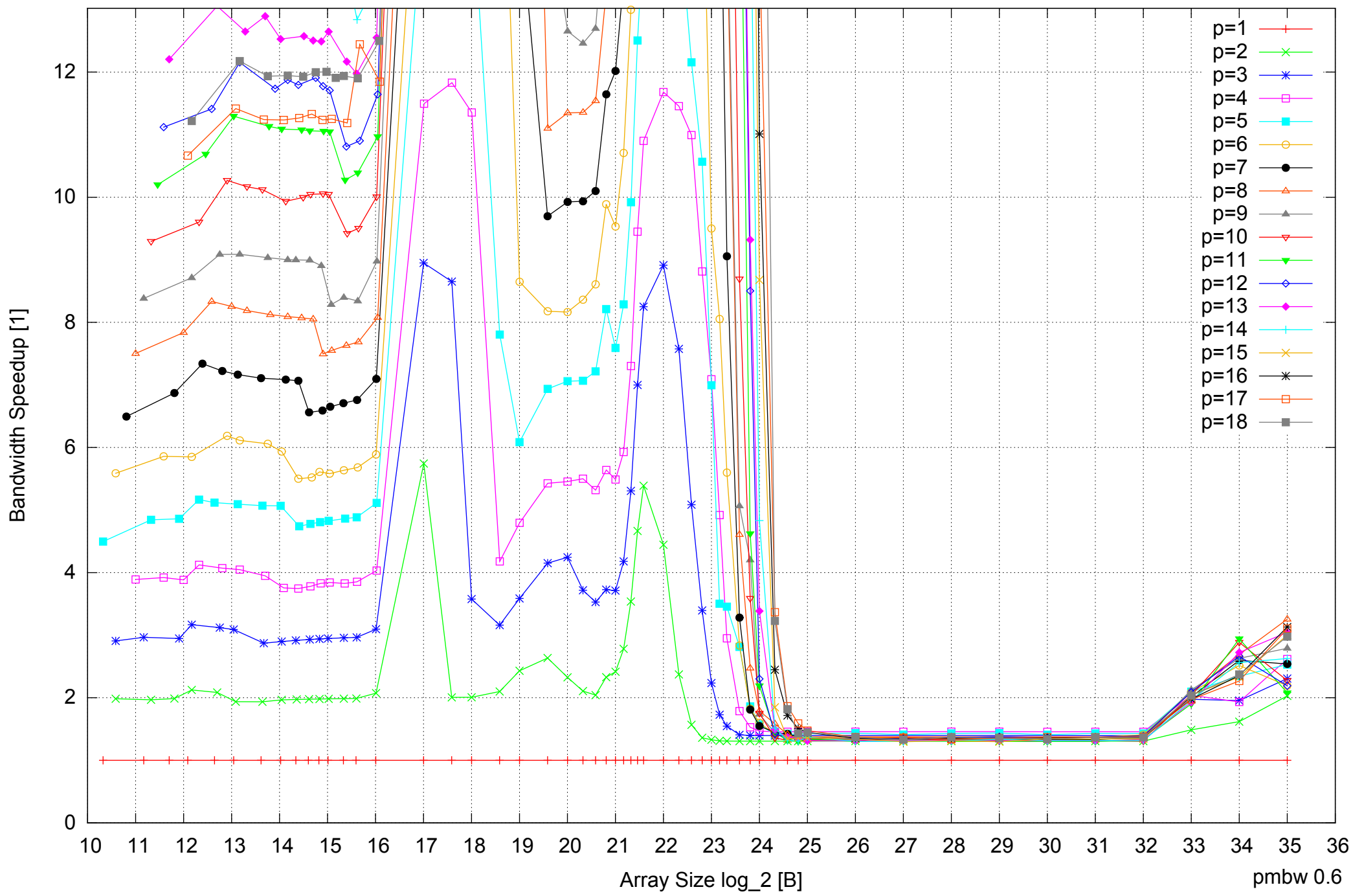
AMD Opteron 8350 64GB - Memory Latency - ScanWrite128PtrUnrollLoop



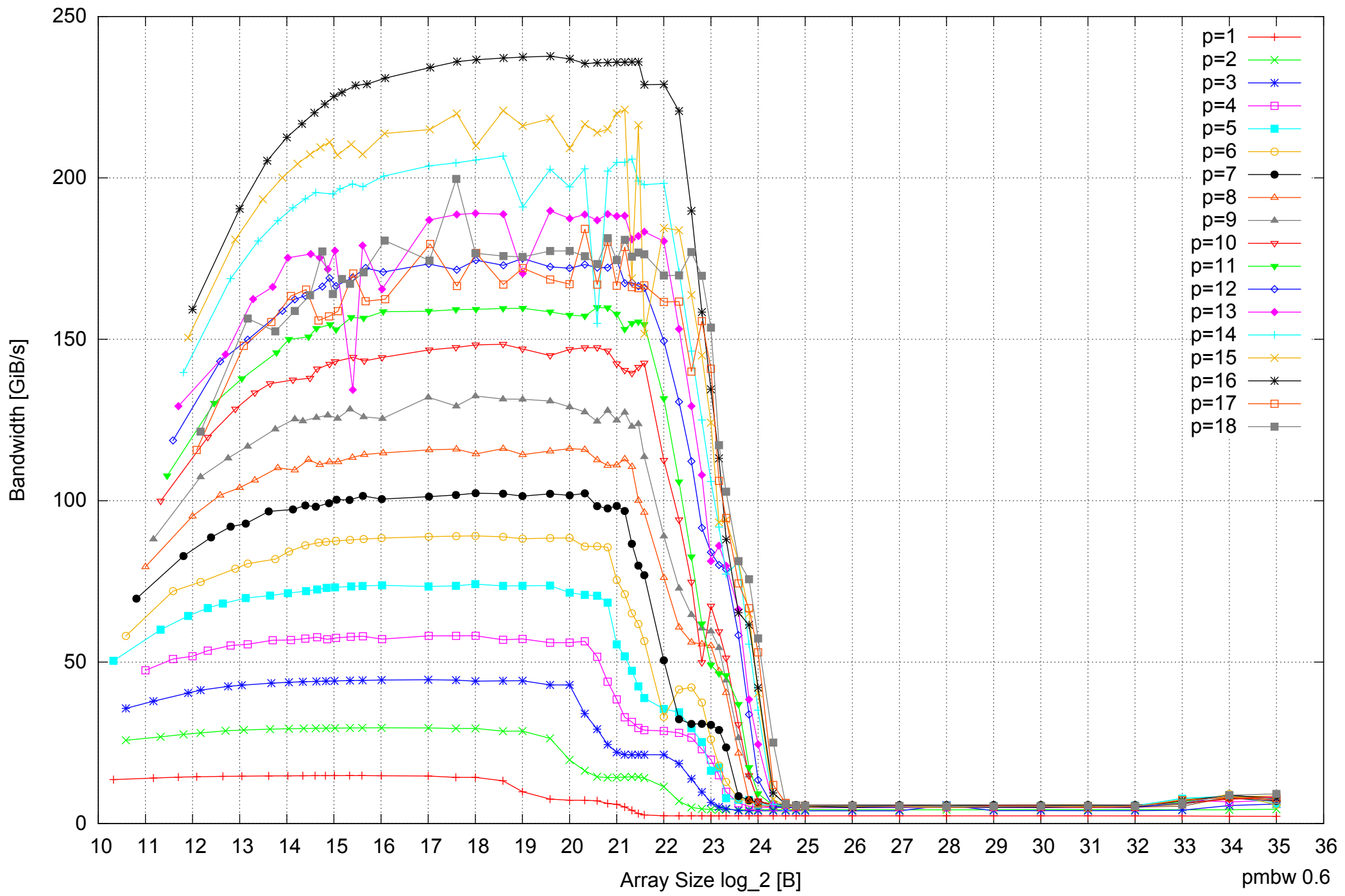
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanWrite128PtrUnrollLoop



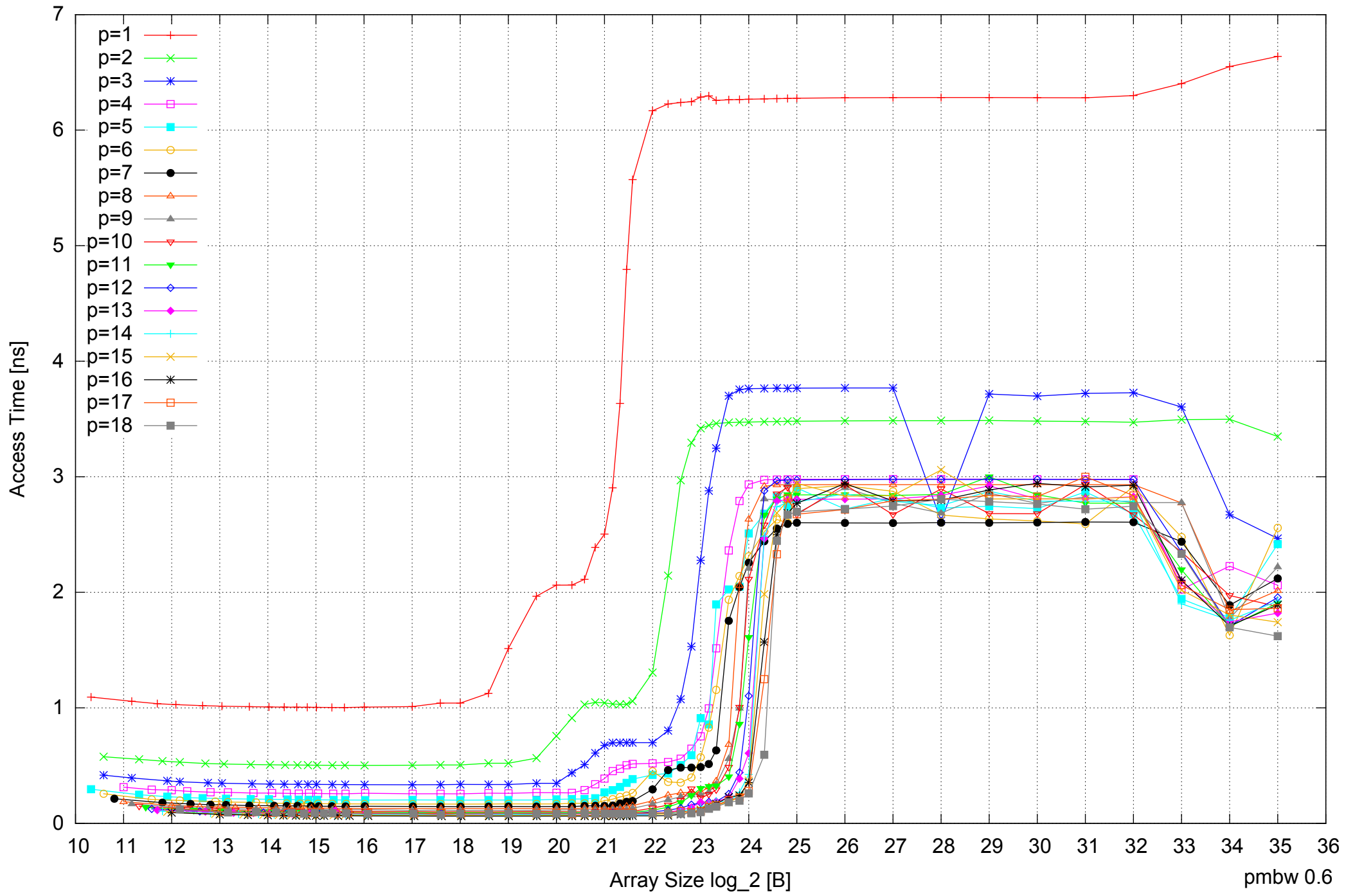
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite128PtrUnrollLoop



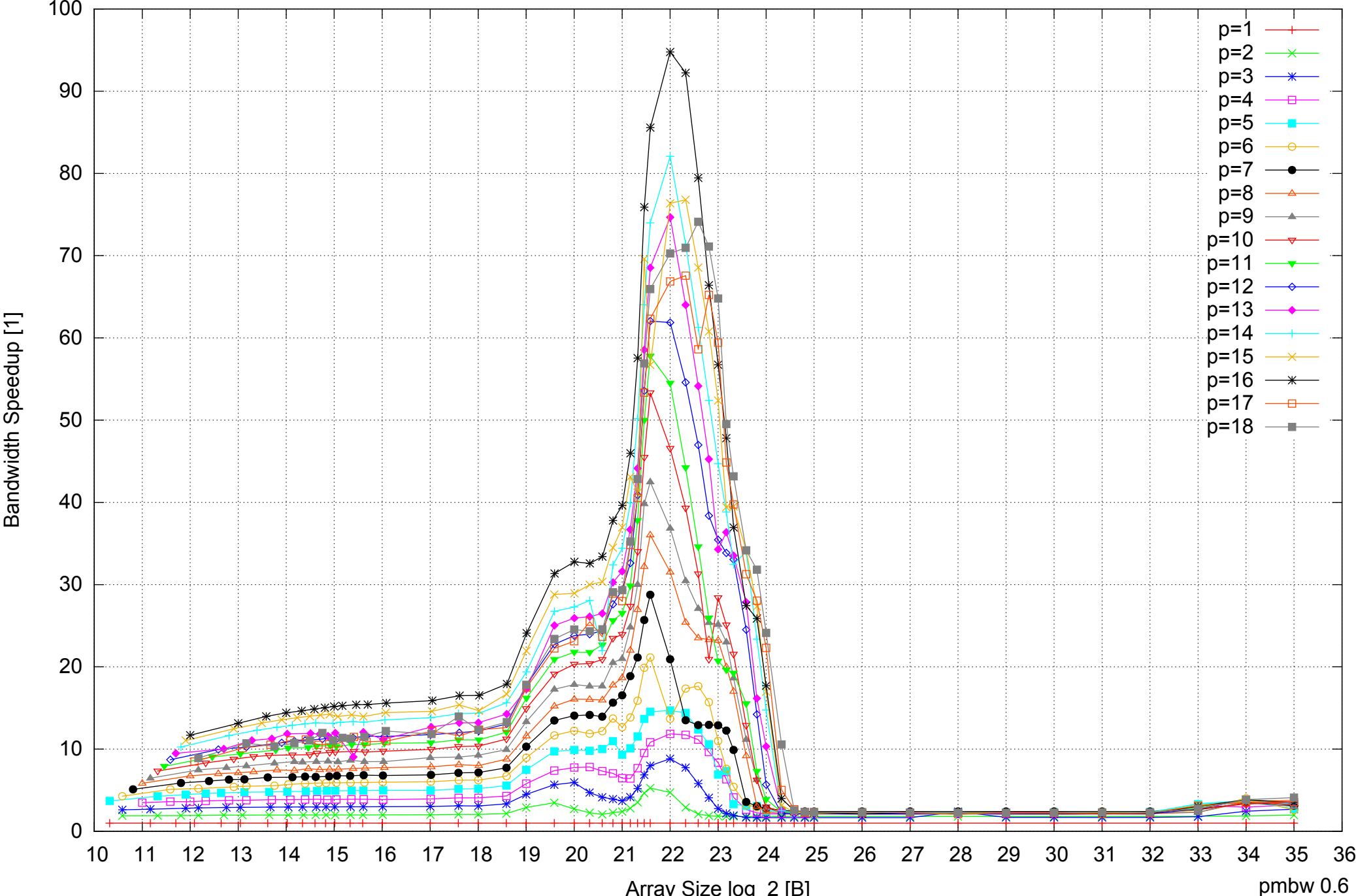
AMD Opteron 8350 64GB - Memory Bandwidth - ScanRead128PtrSimpleLoop



AMD Opteron 8350 64GB - Memory Latency - ScanRead128PtrSimpleLoop

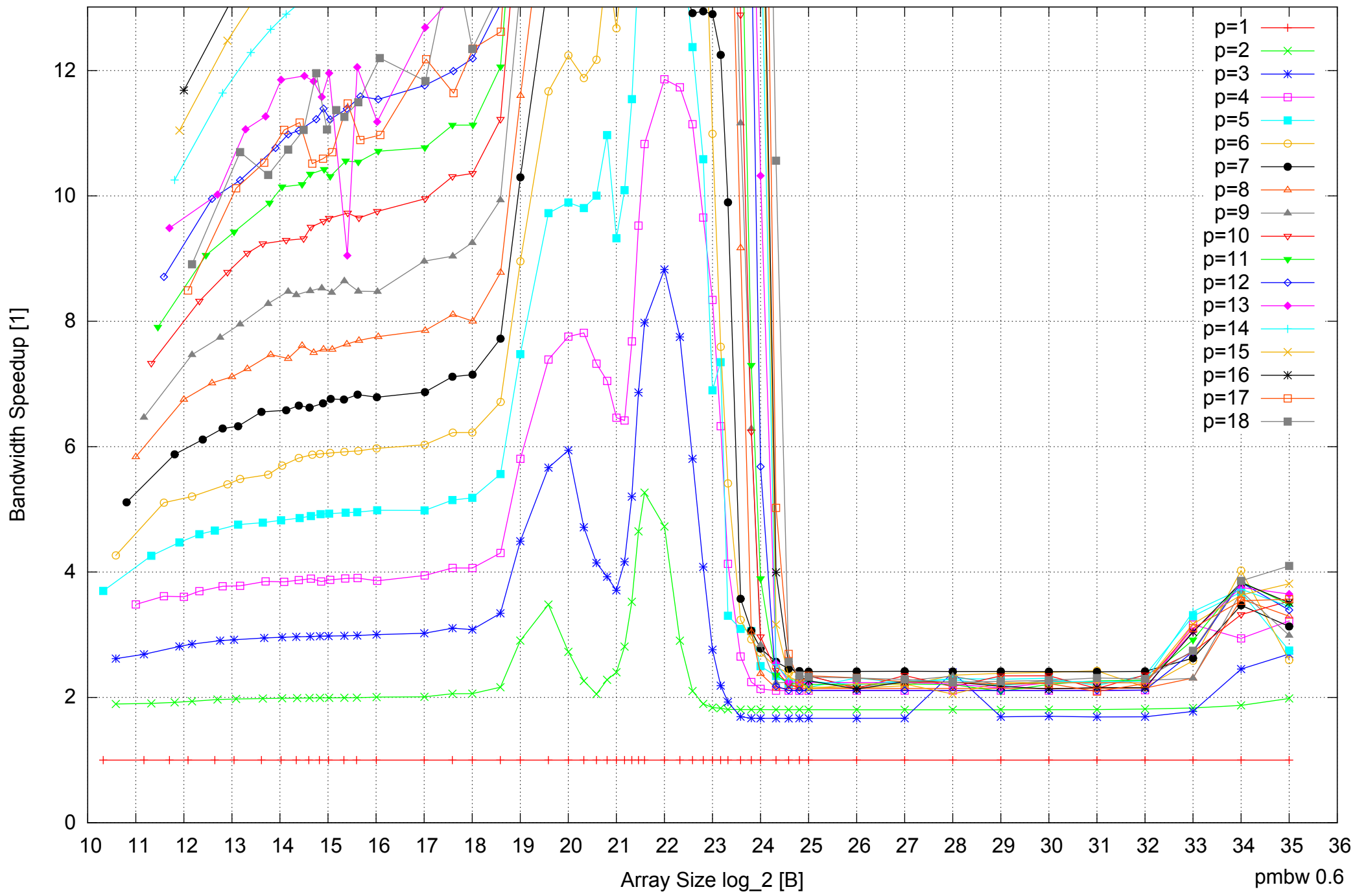


AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanRead128PtrSimpleLoop

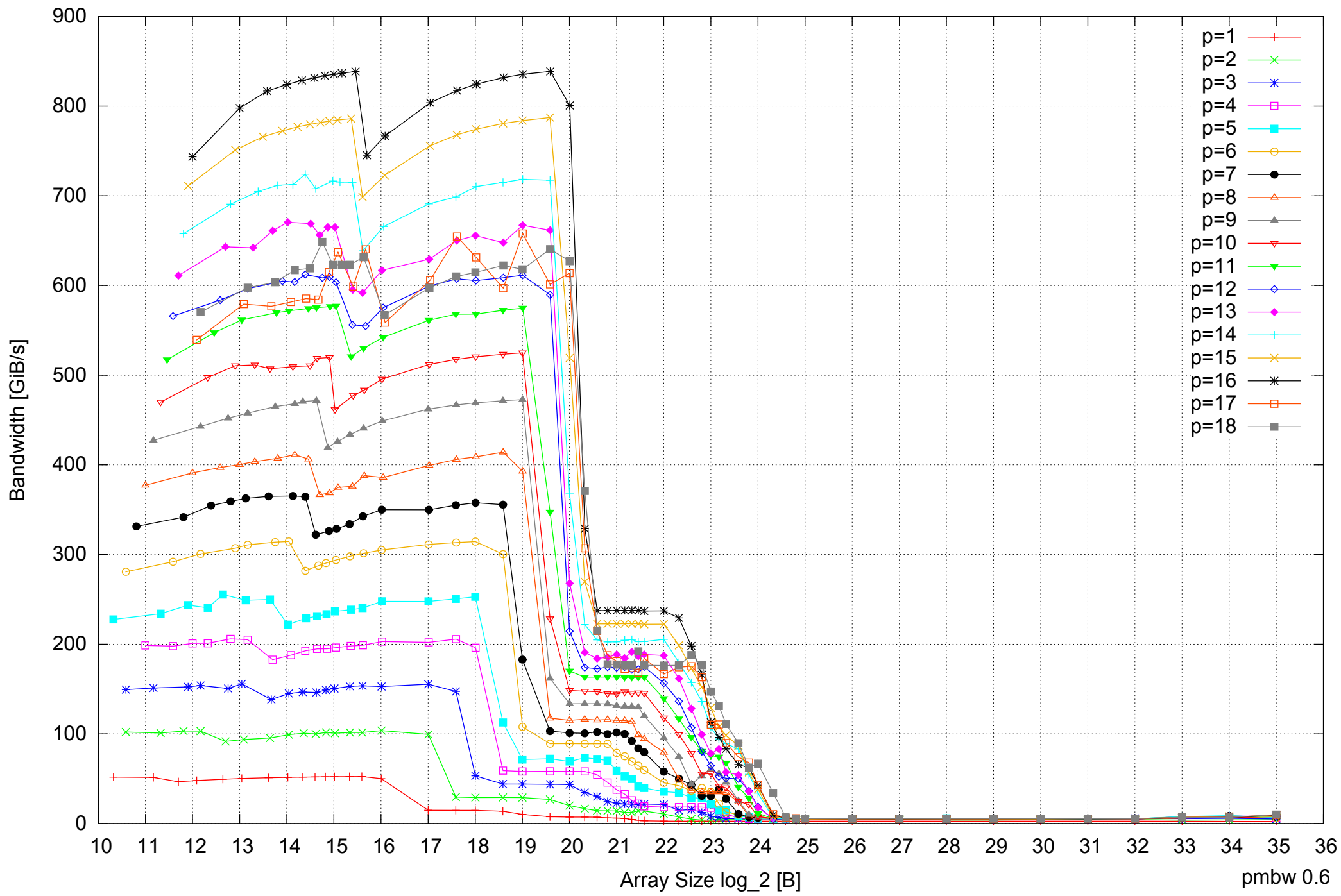




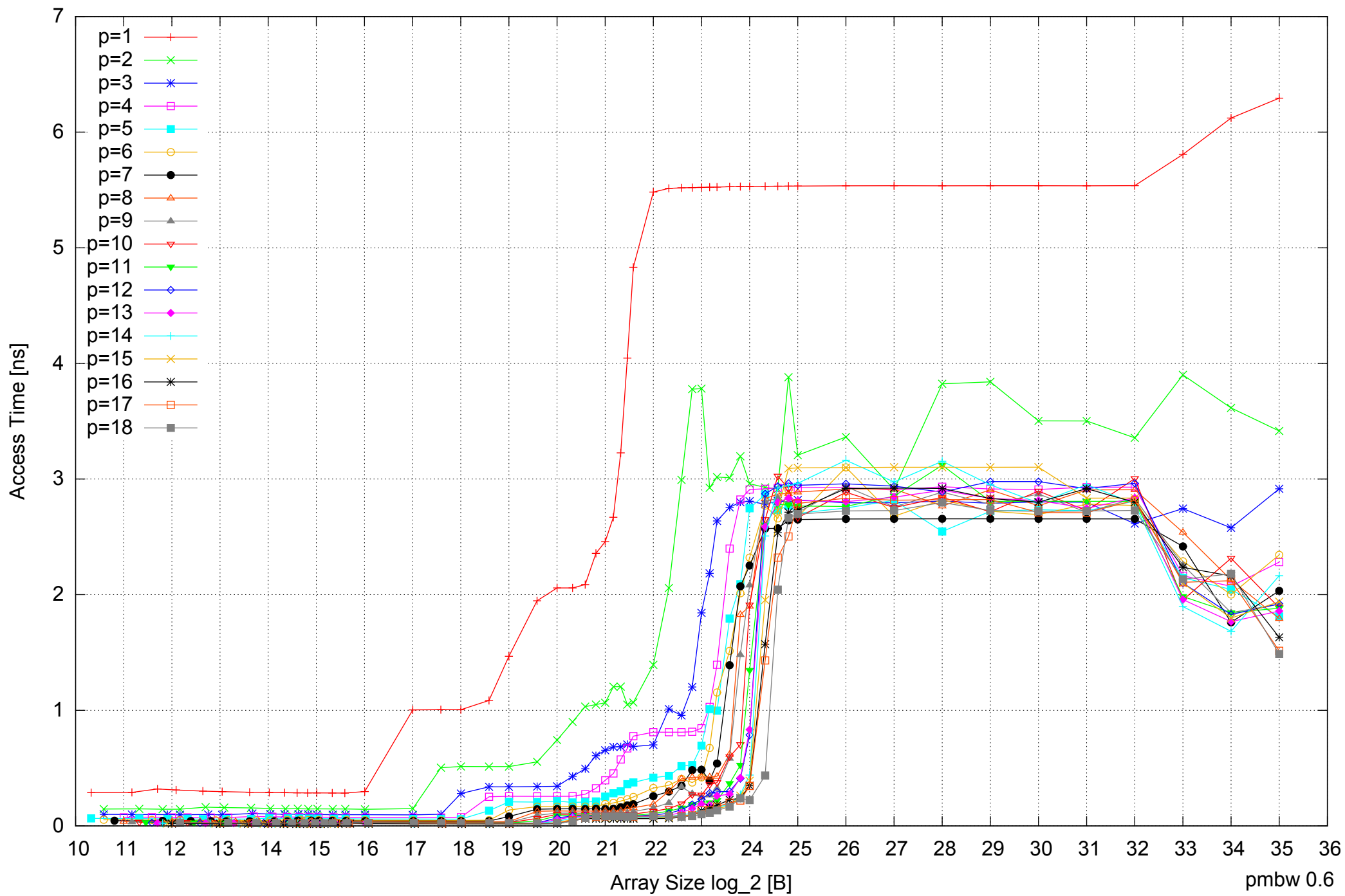
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanRead128PtrSimpleLoop



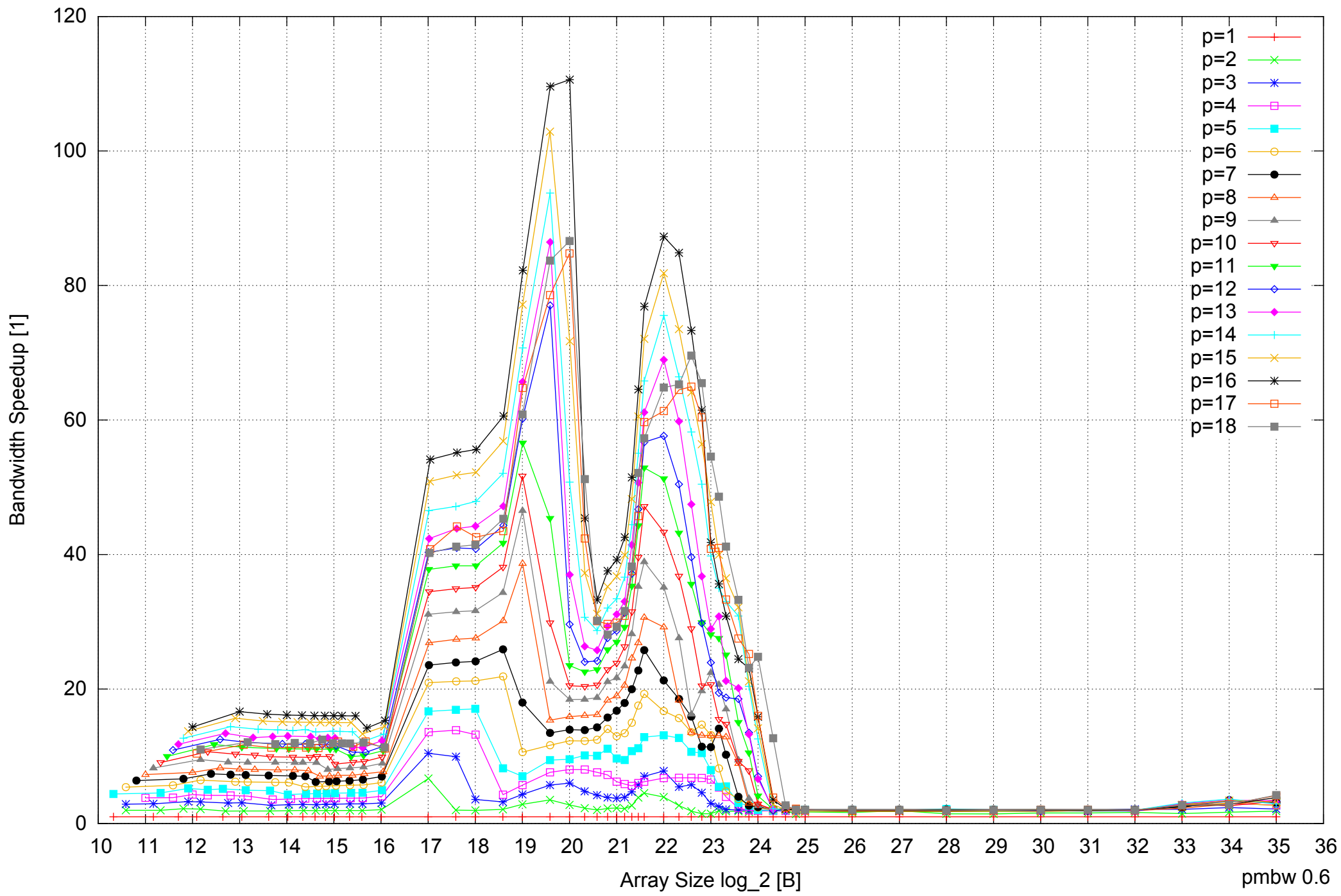
AMD Opteron 8350 64GB - Memory Bandwidth - ScanRead128PtrUnrollLoop



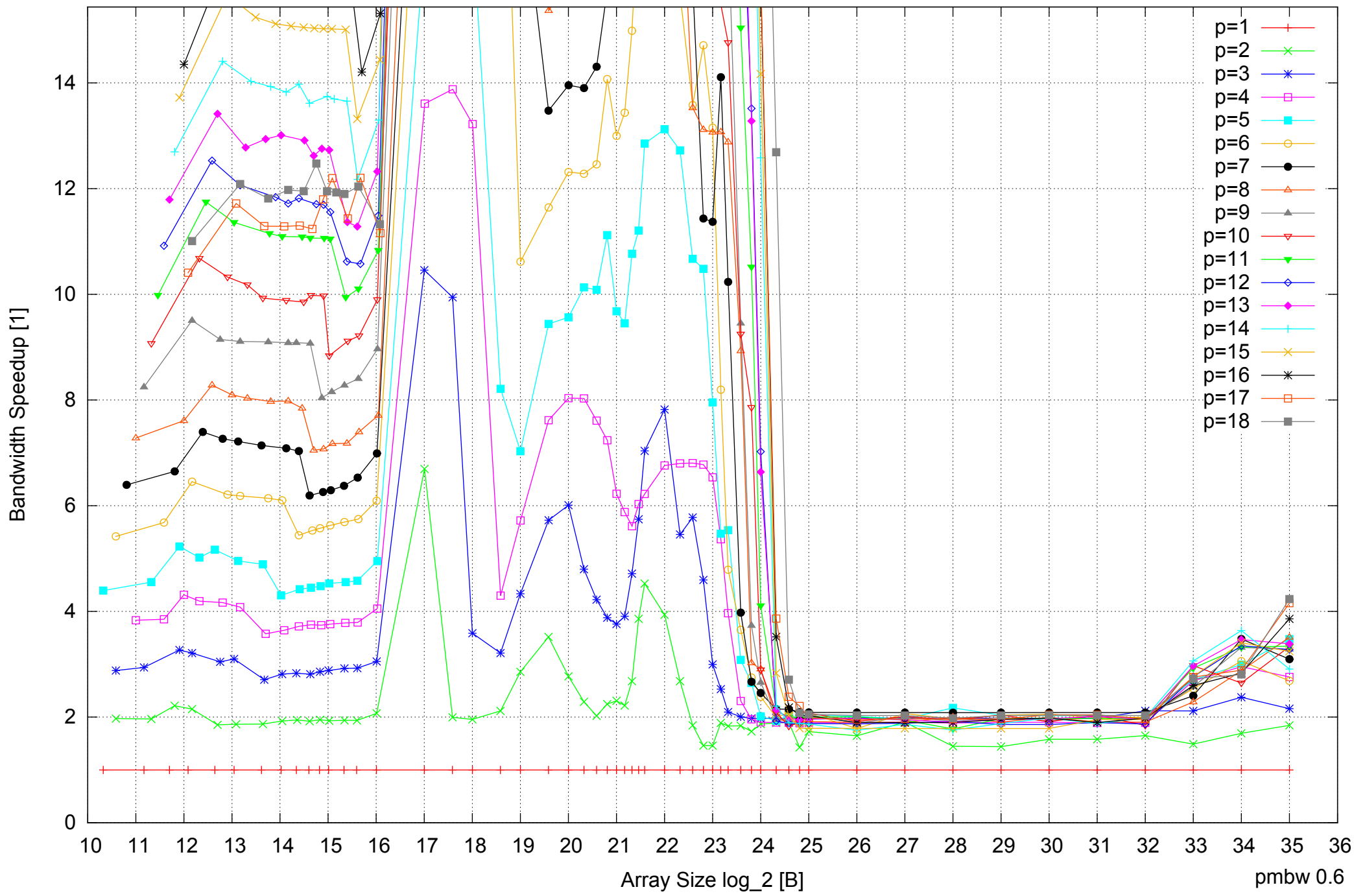
AMD Opteron 8350 64GB - Memory Latency - ScanRead128PtrUnrollLoop



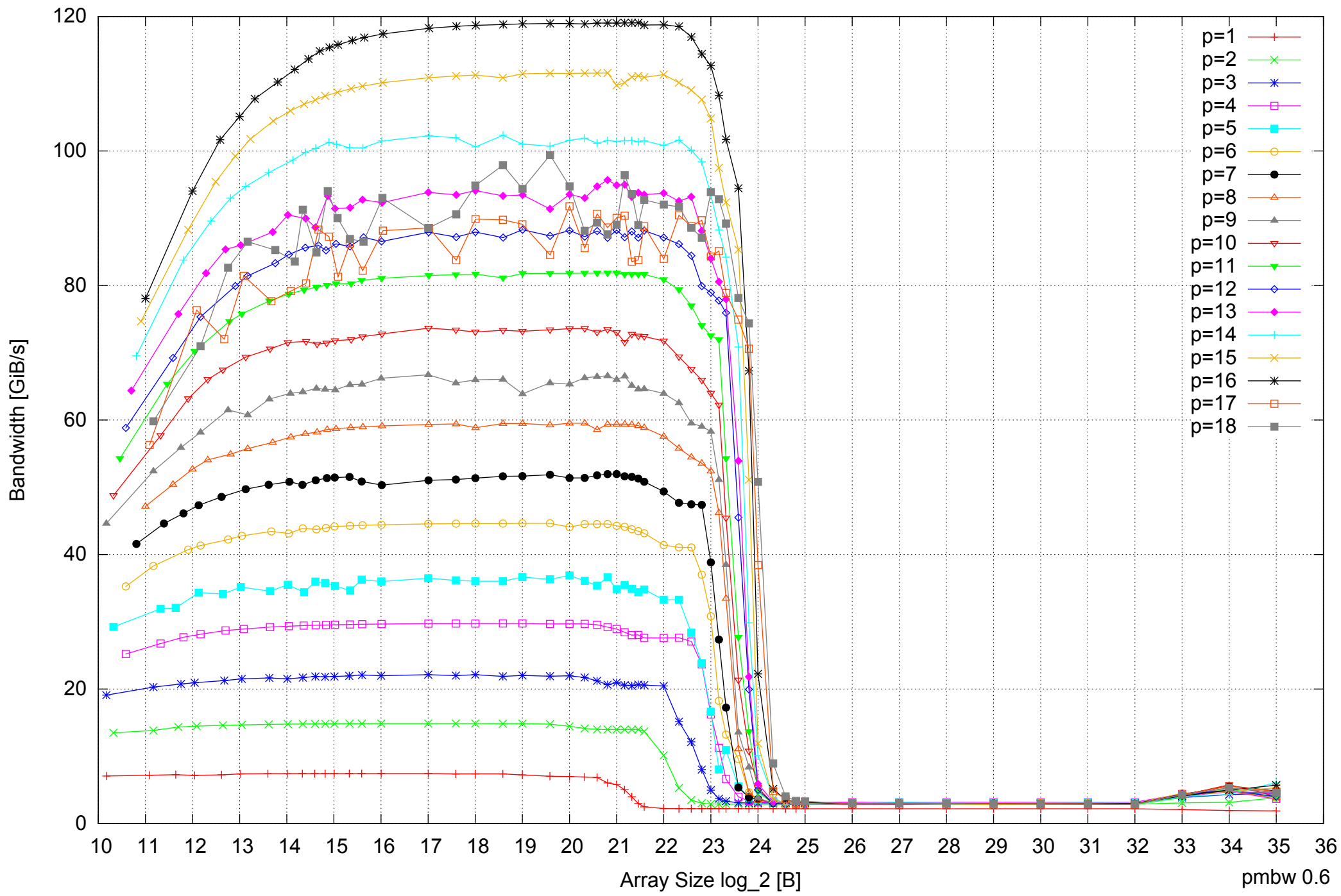
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanRead128PtrUnrollLoop



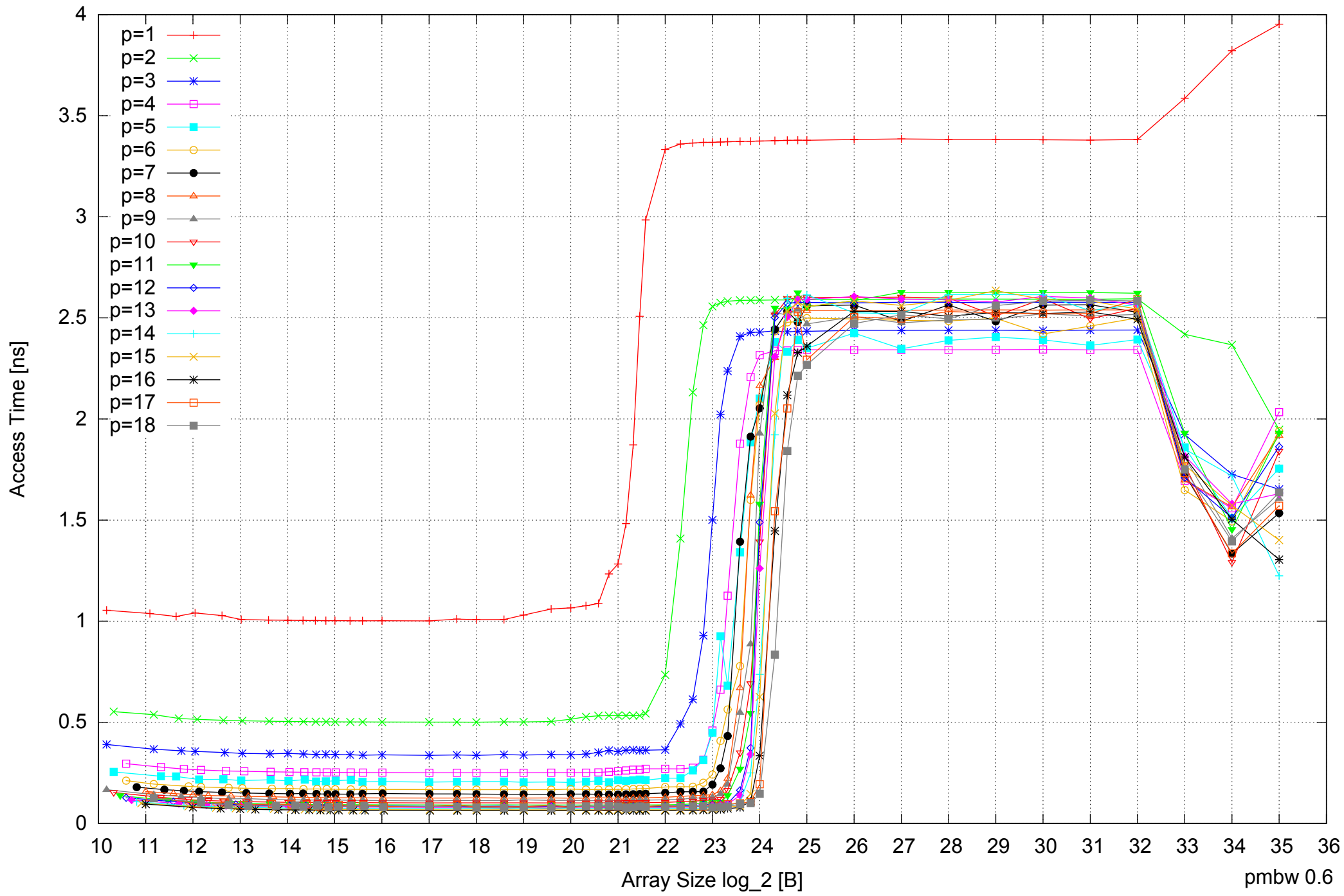
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanRead128PtrUnrollLoop



AMD Opteron 8350 64GB - Memory Bandwidth - ScanWrite64PtrSimpleLoop

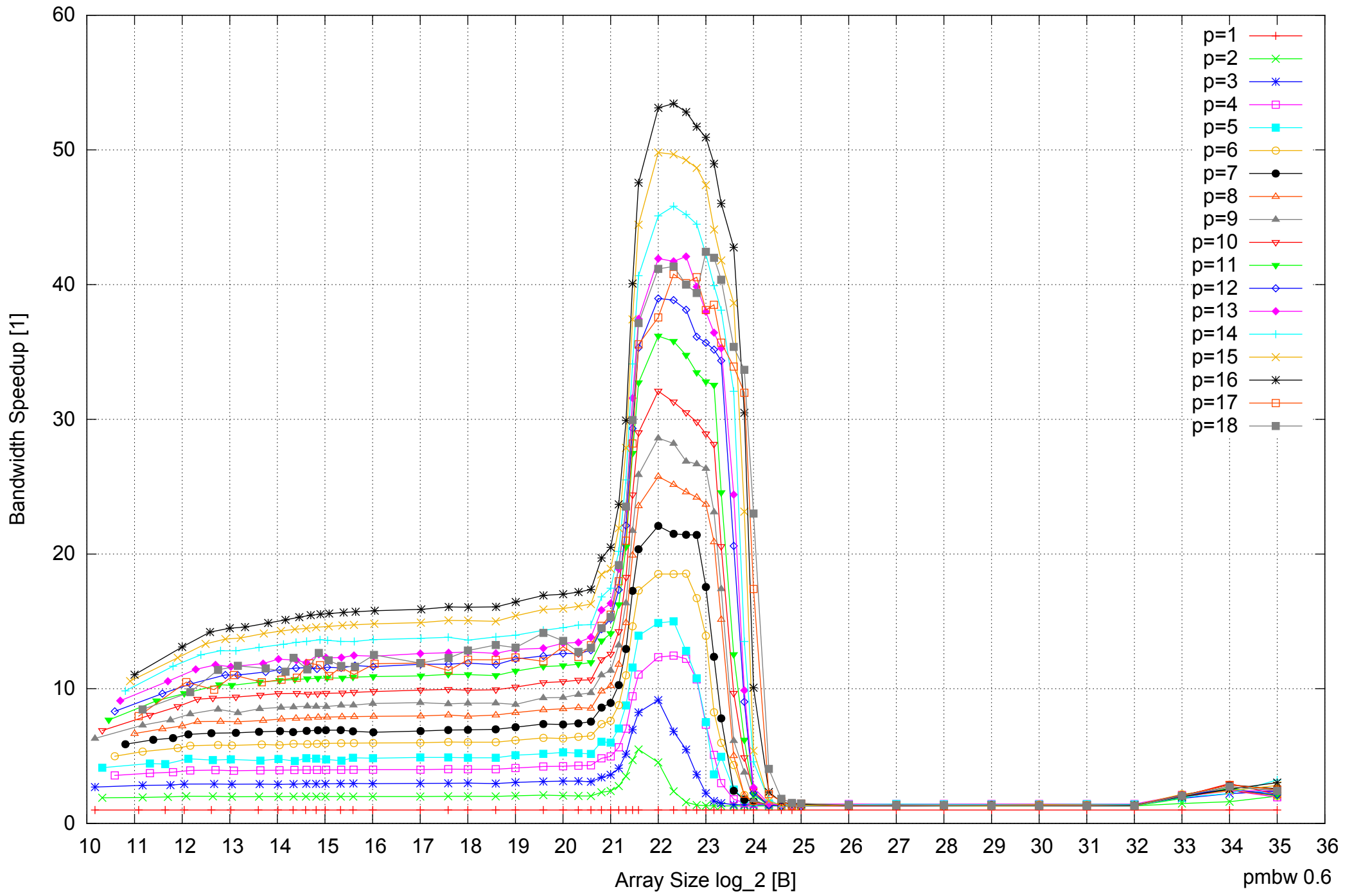


AMD Opteron 8350 64GB - Memory Latency - ScanWrite64PtrSimpleLoop

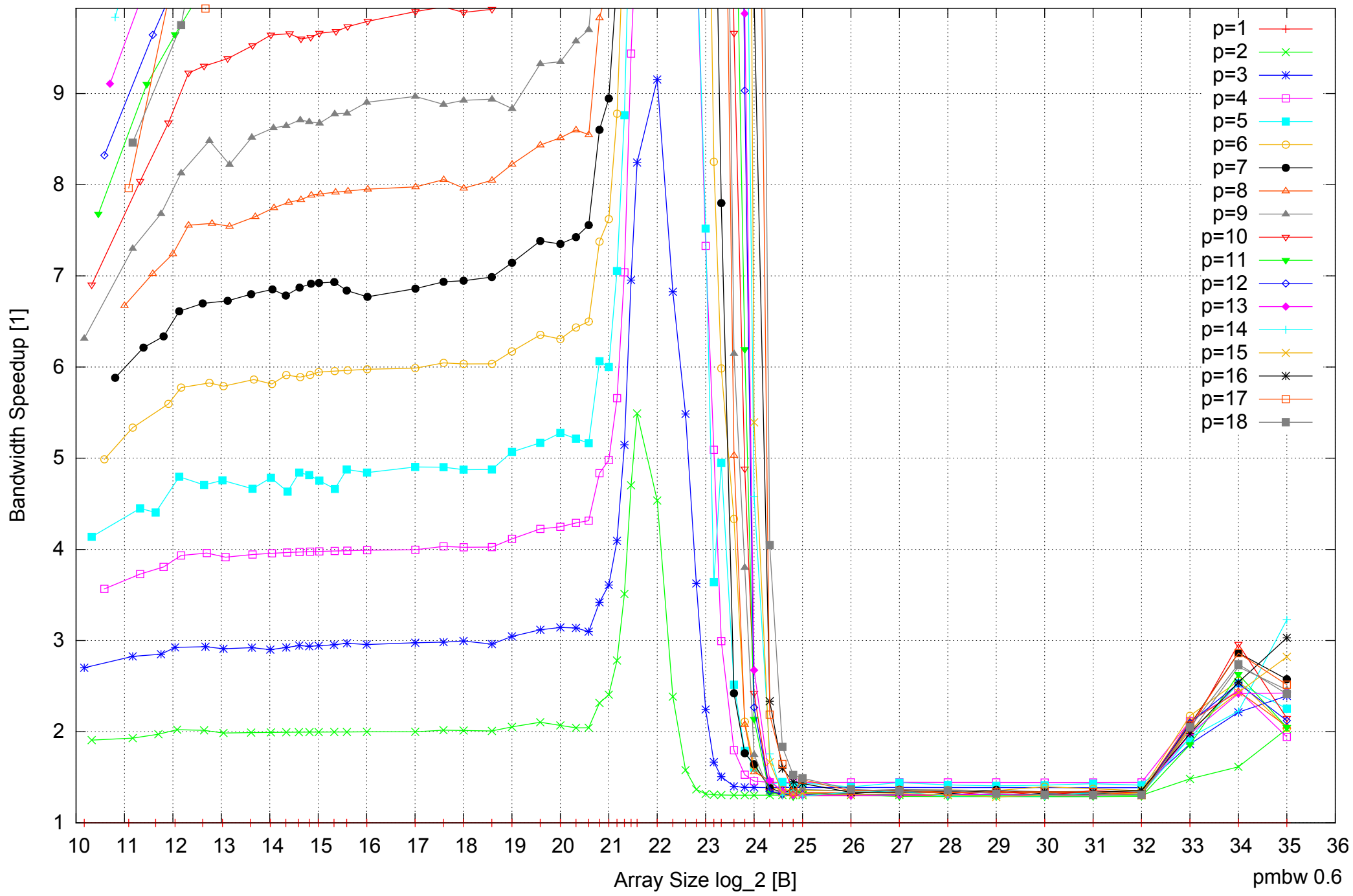




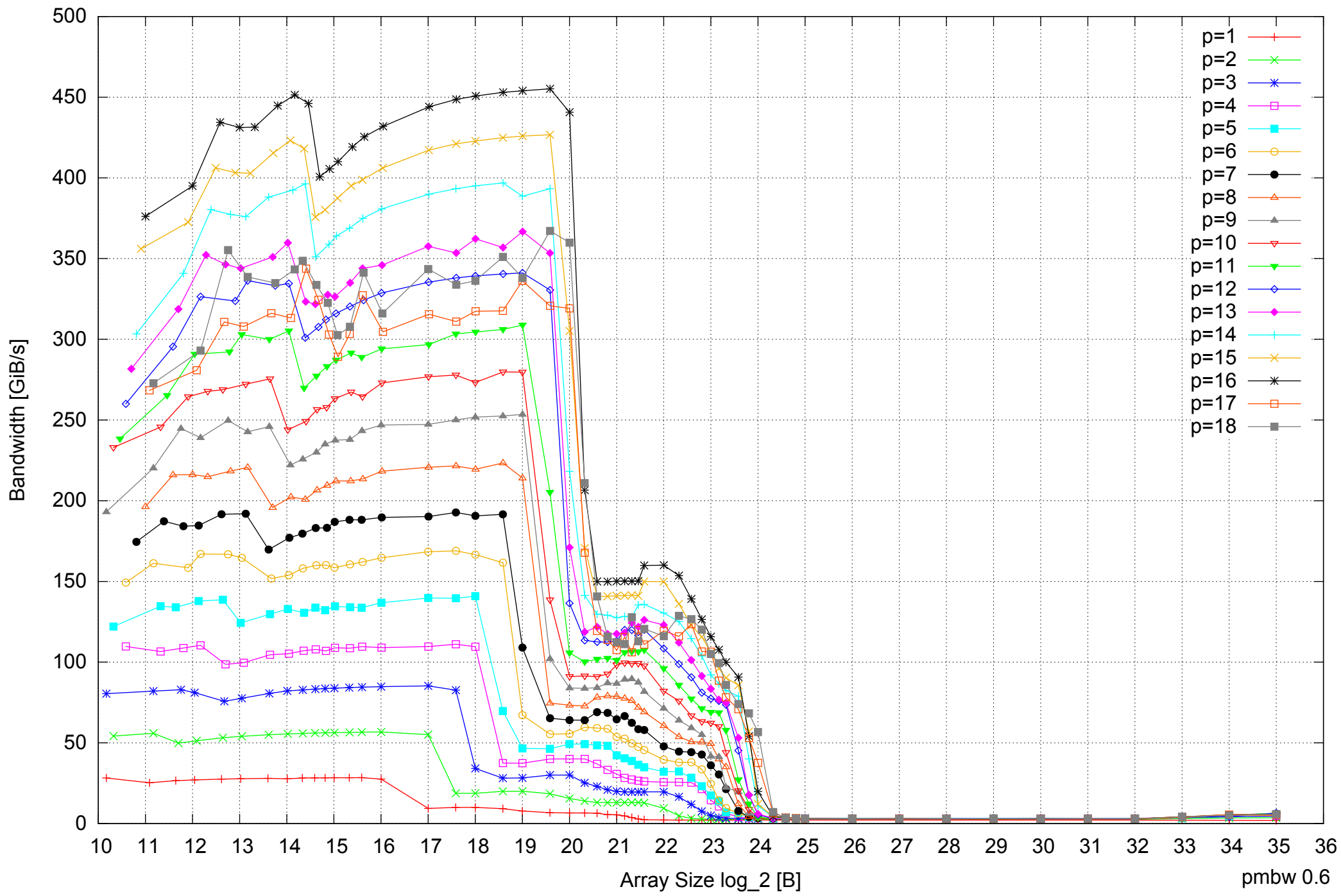
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanWrite64PtrSimpleLoop



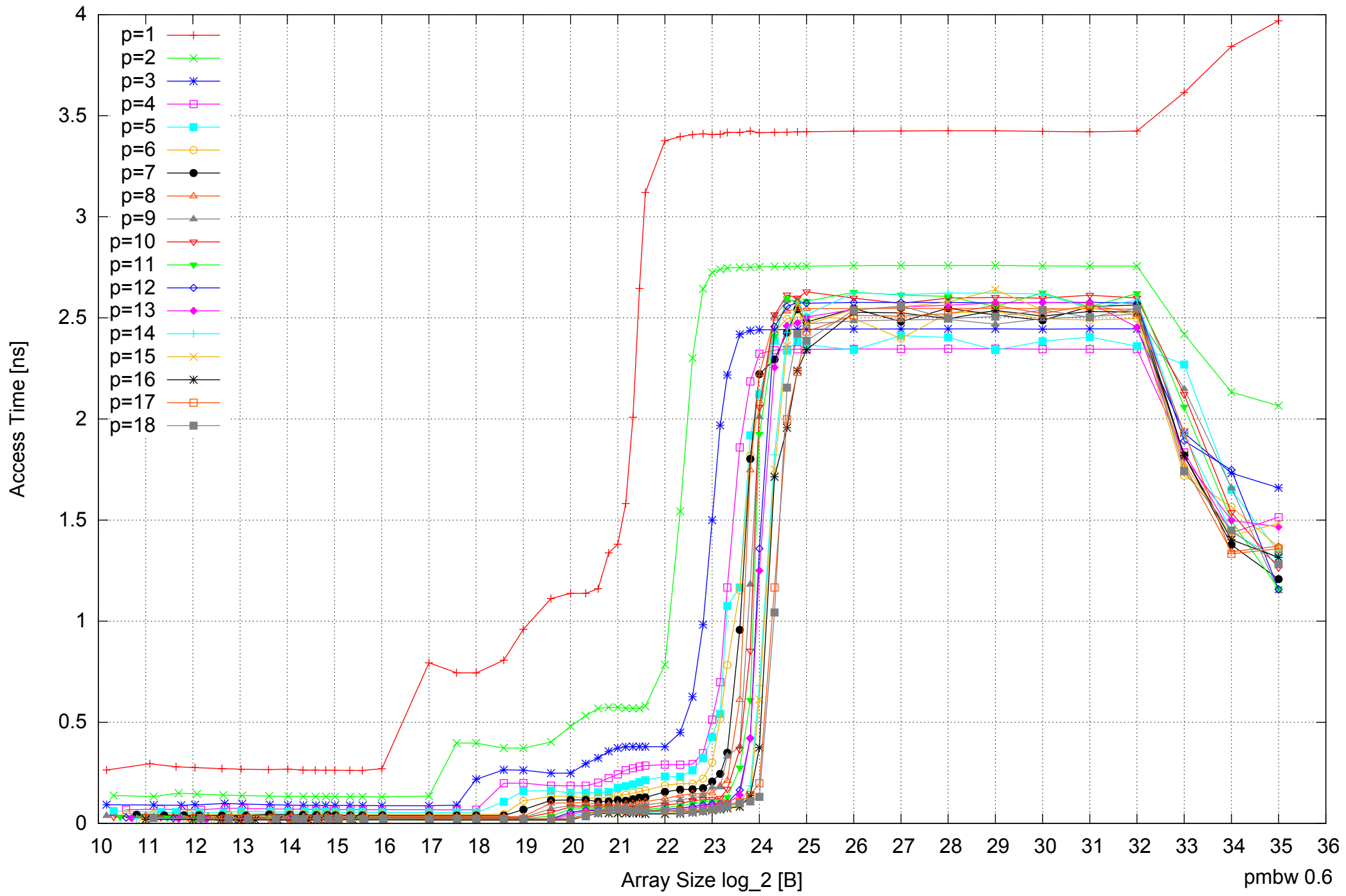
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite64PtrSimpleLoop



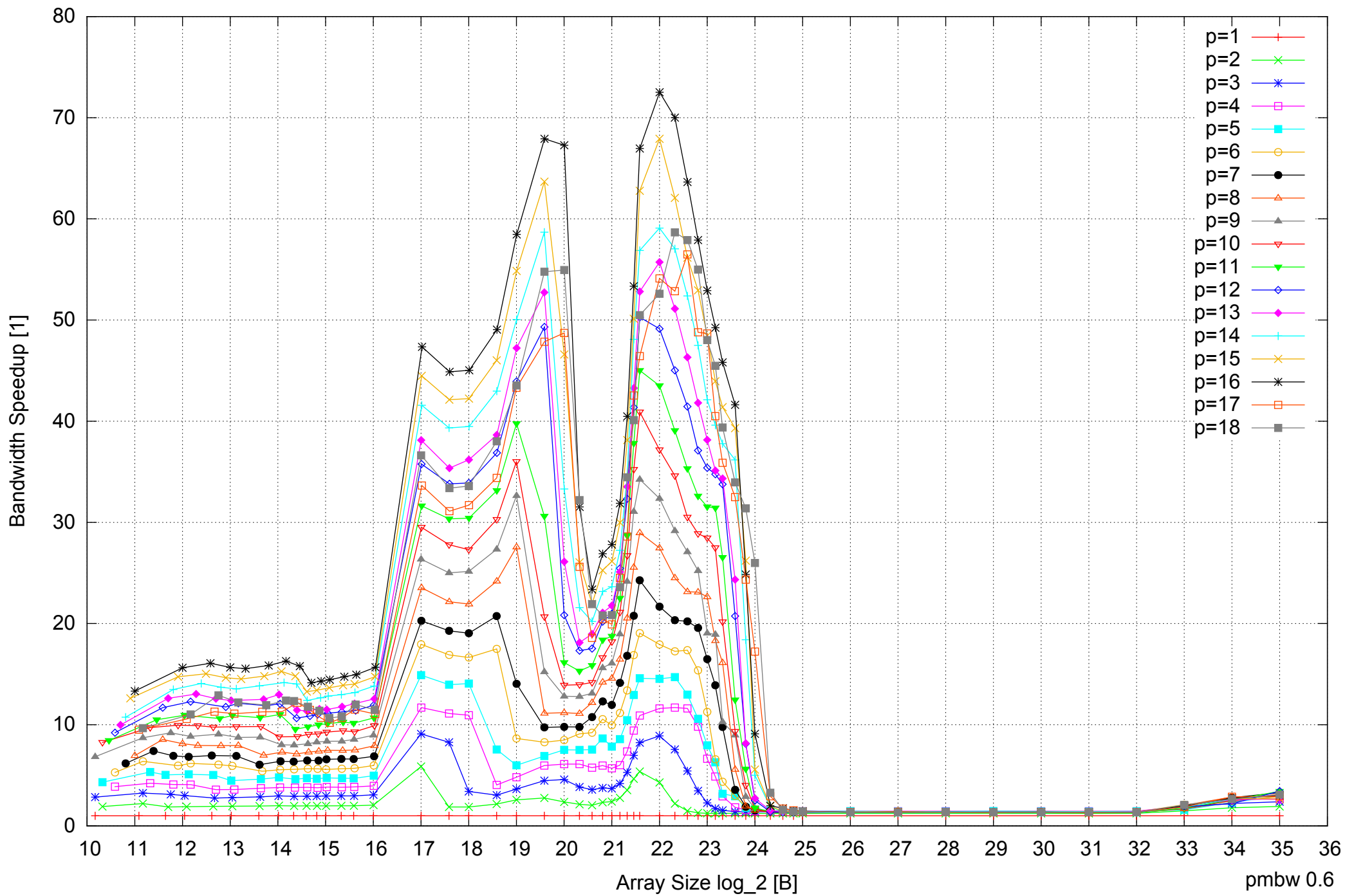
AMD Opteron 8350 64GB - Memory Bandwidth - ScanWrite64PtrUnrollLoop



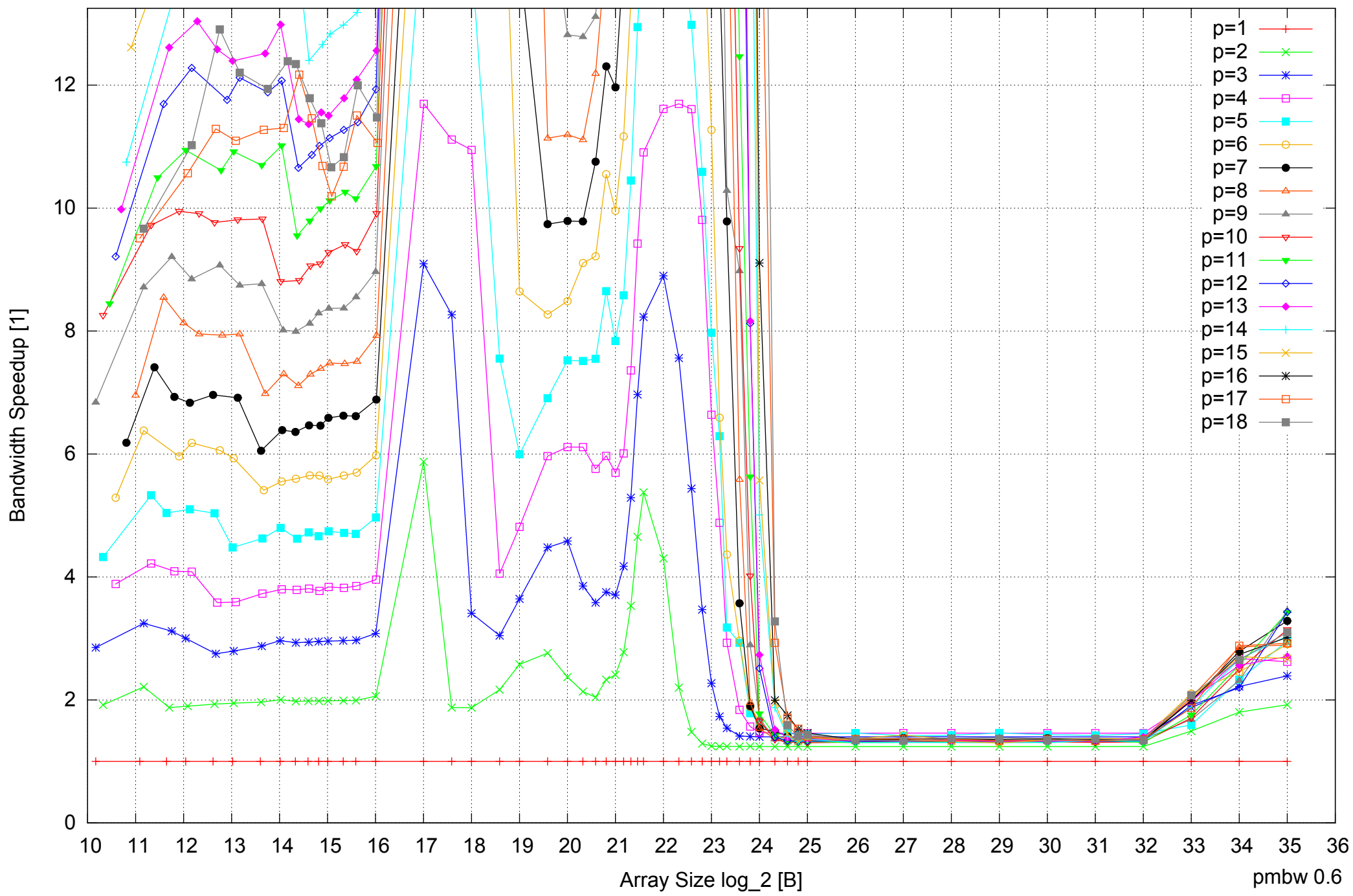
AMD Opteron 8350 64GB - Memory Latency - ScanWrite64PtrUnrollLoop



AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanWrite64PtrUnrollLoop

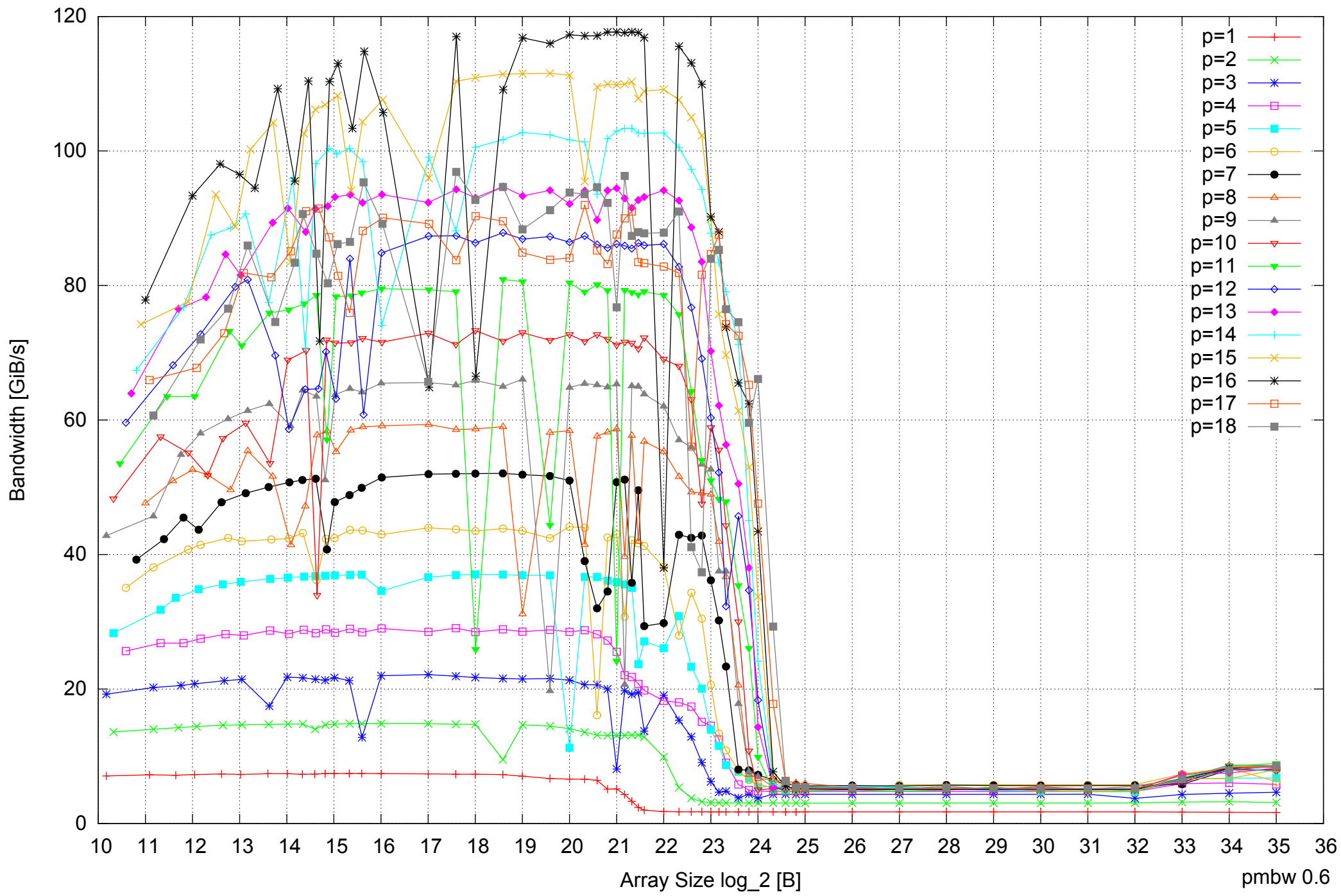


AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite64PtrUnrollLoop



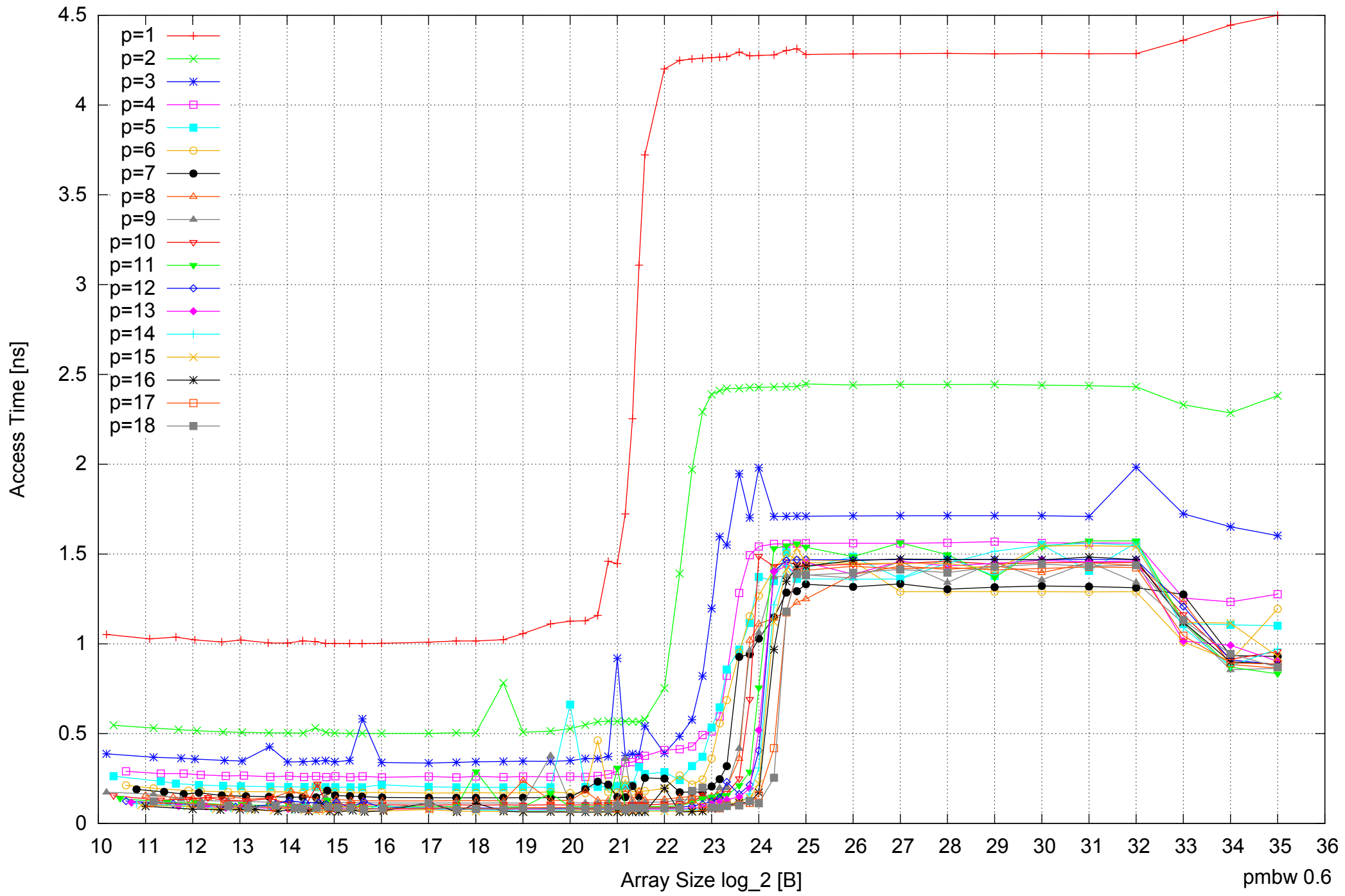


AMD Opteron 8350 64GB - Memory Bandwidth - ScanRead64PtrSimpleLoop



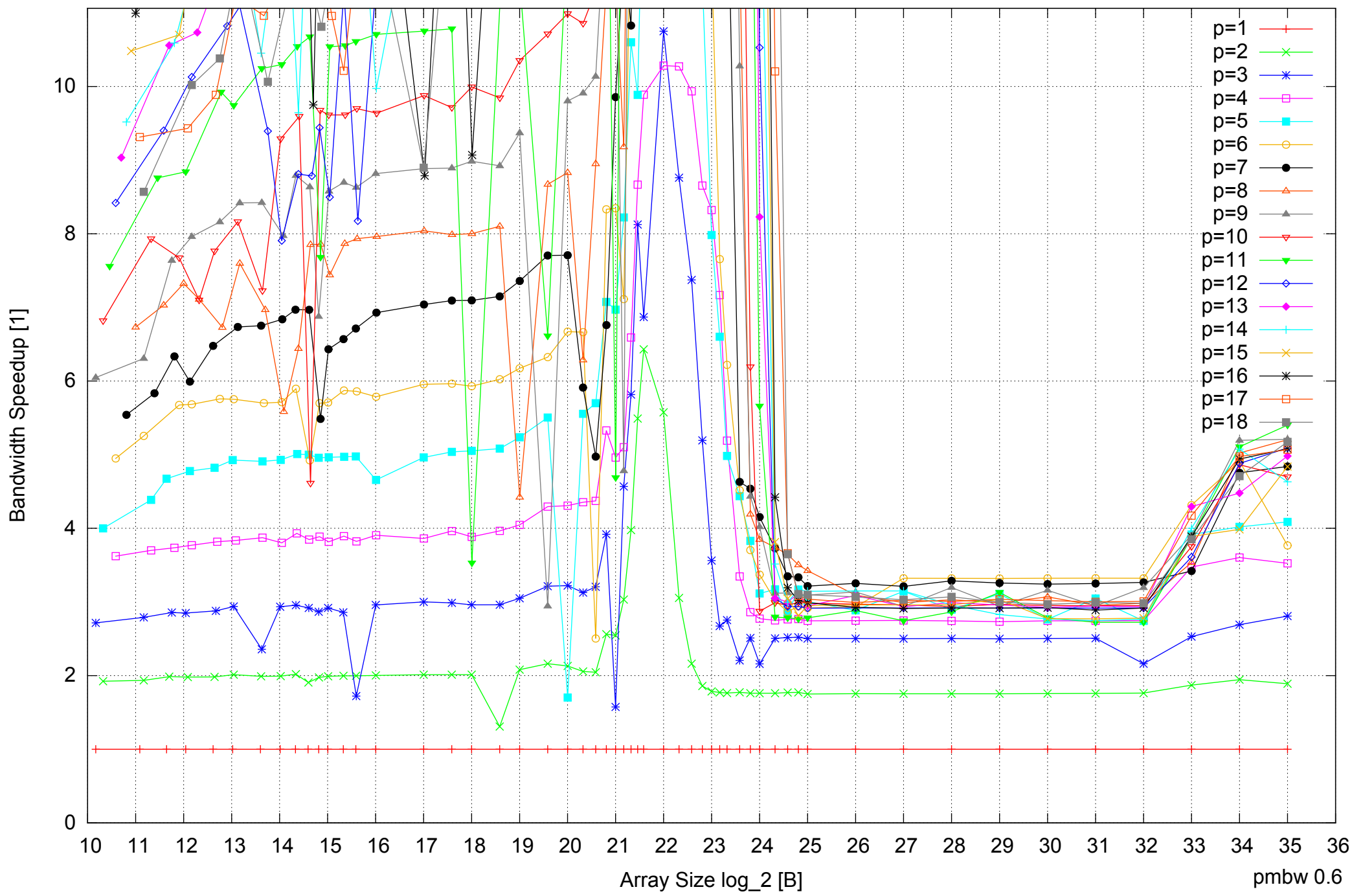


AMD Opteron 8350 64GB - Memory Latency - ScanRead64PtrSimpleLoop

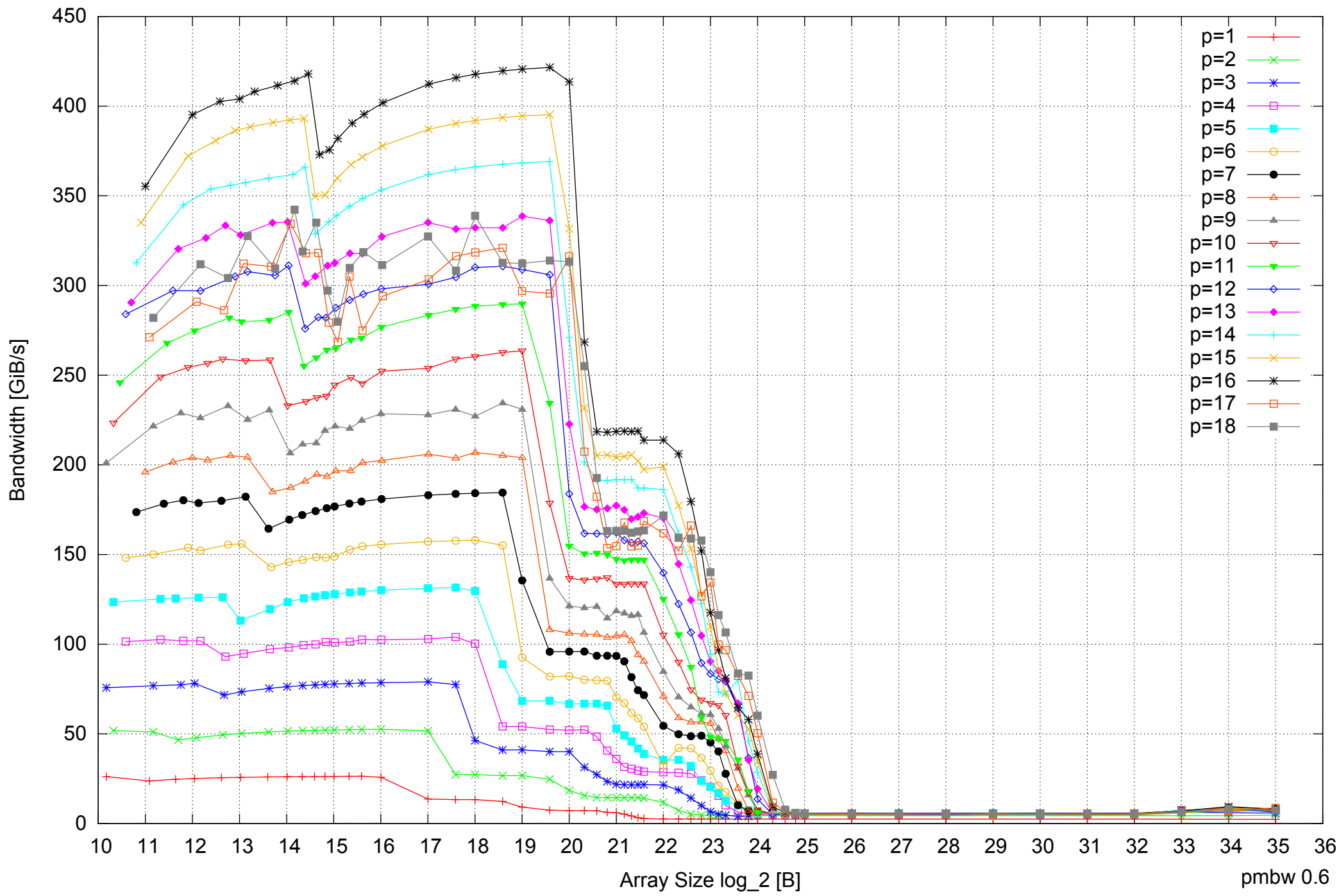




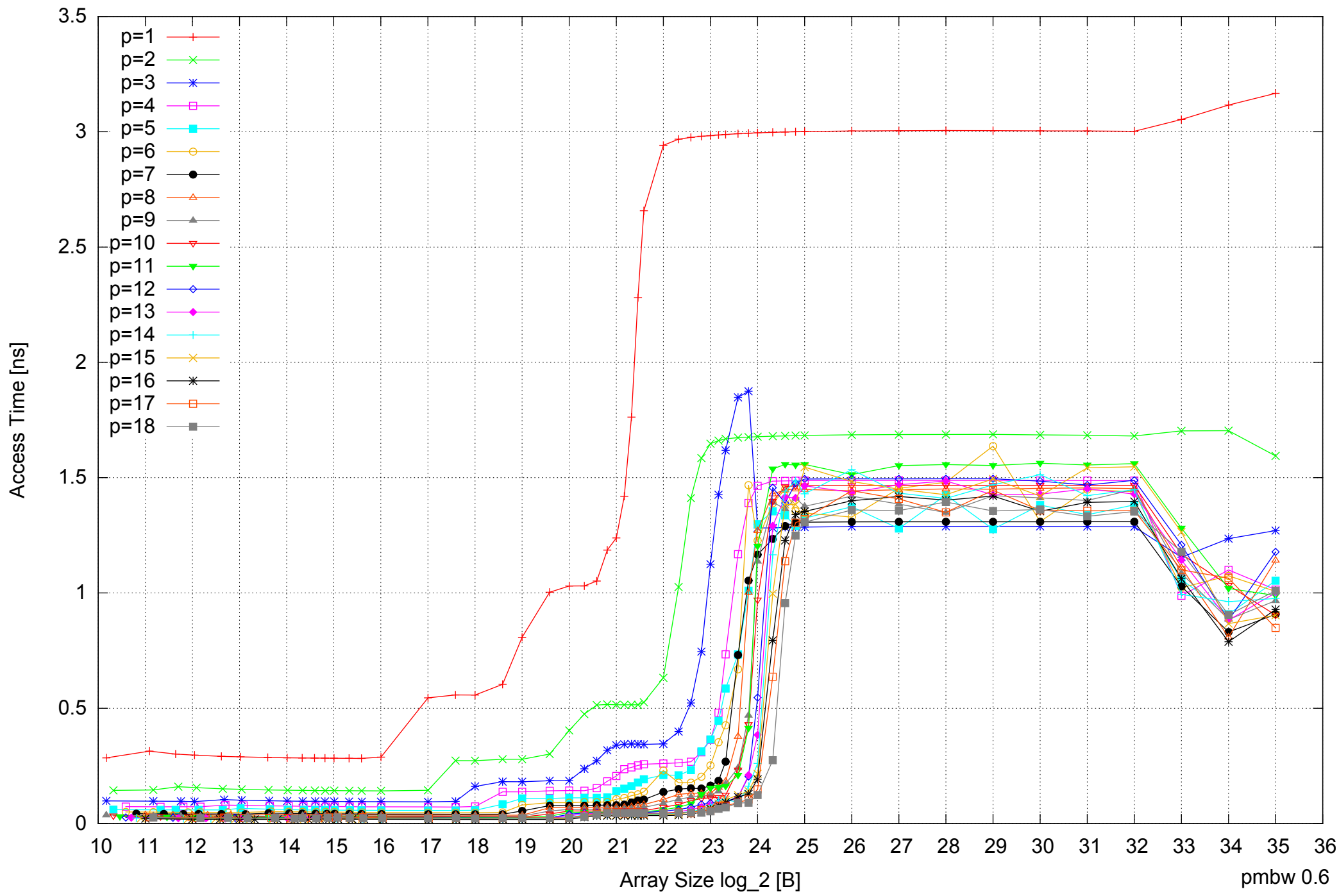
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanRead64PtrSimpleLoop



AMD Opteron 8350 64GB - Memory Bandwidth - ScanRead64PtrUnrollLoop



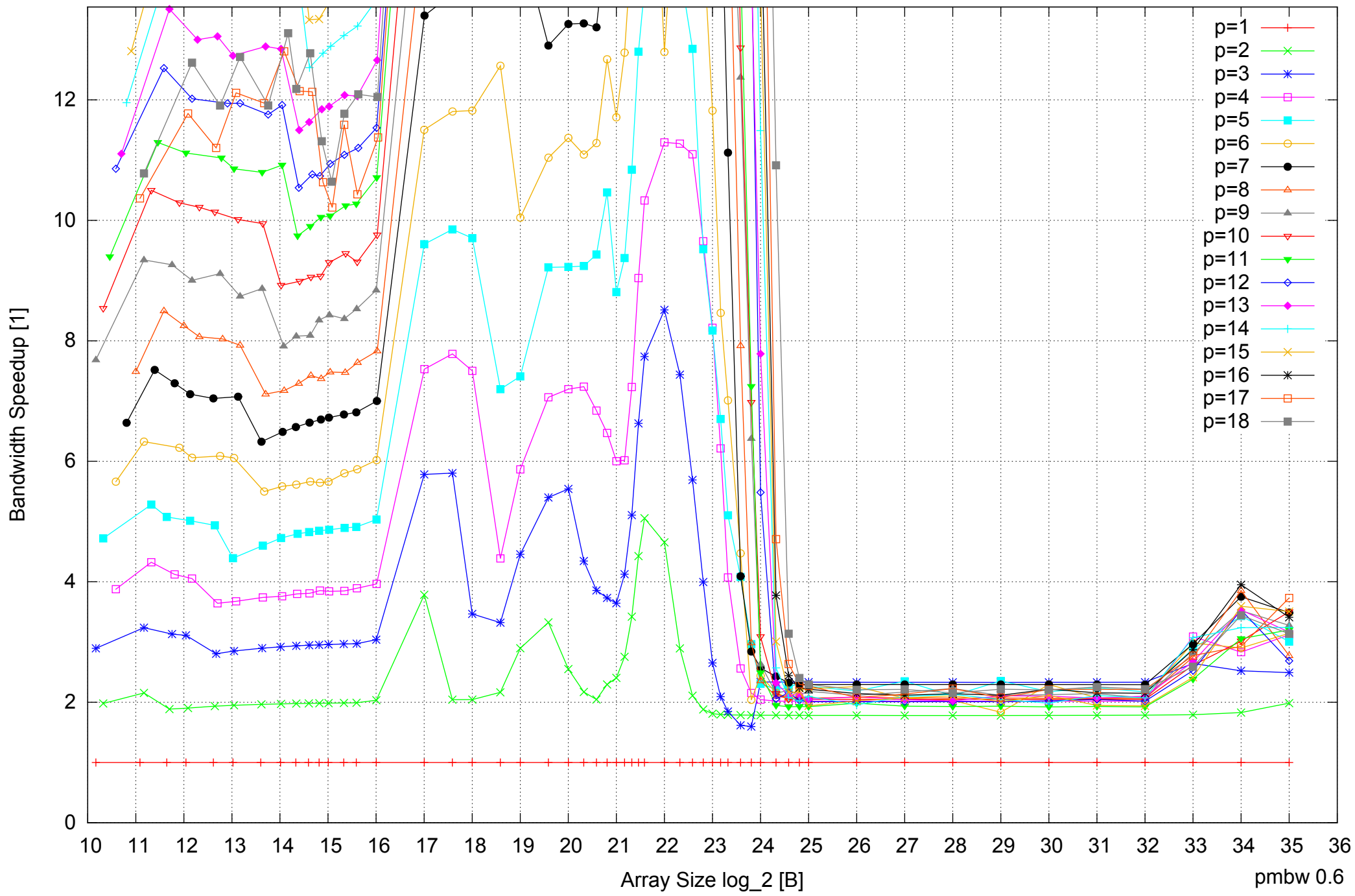
AMD Opteron 8350 64GB - Memory Latency - ScanRead64PtrUnrollLoop





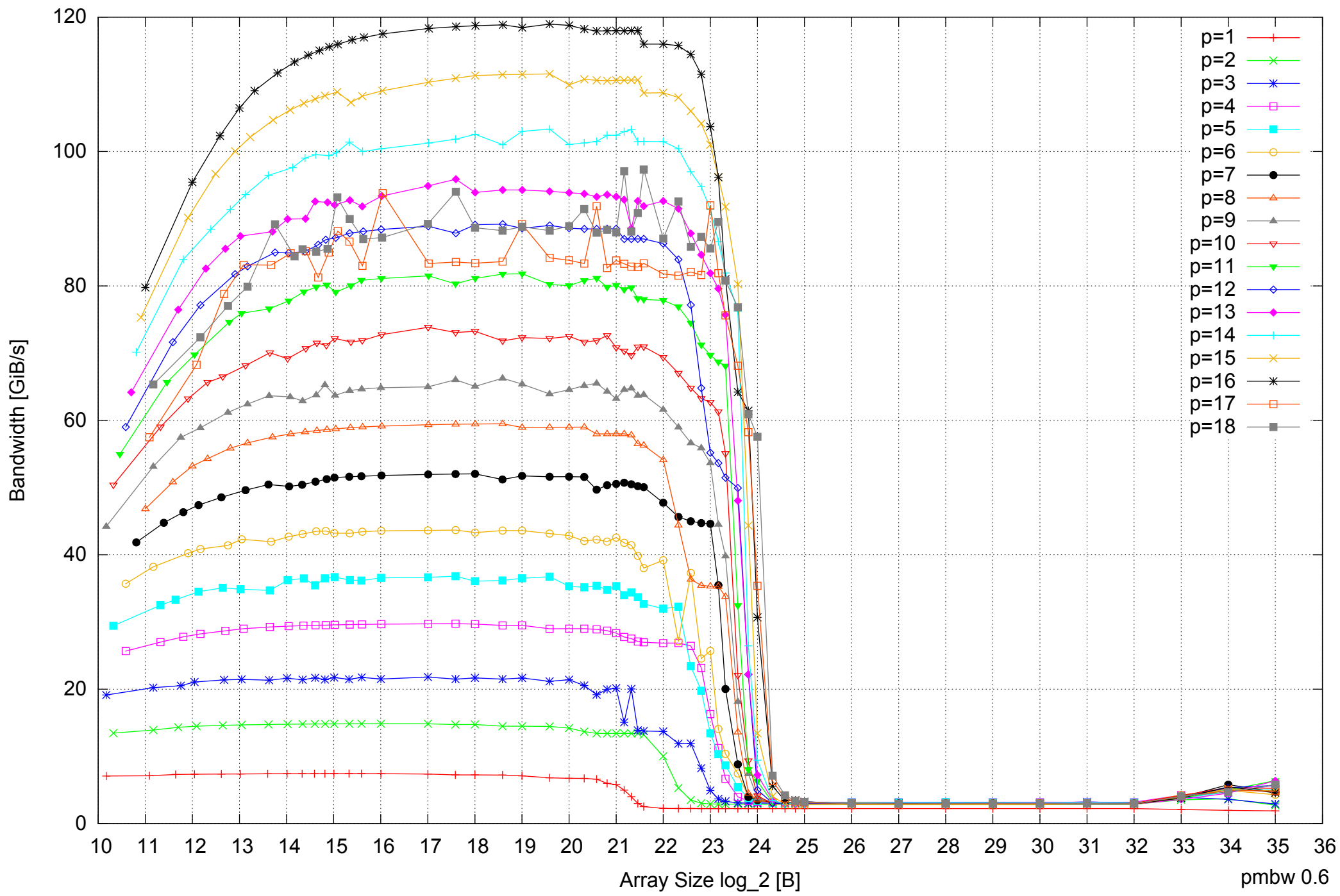


AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanRead64PtrUnrollLoop

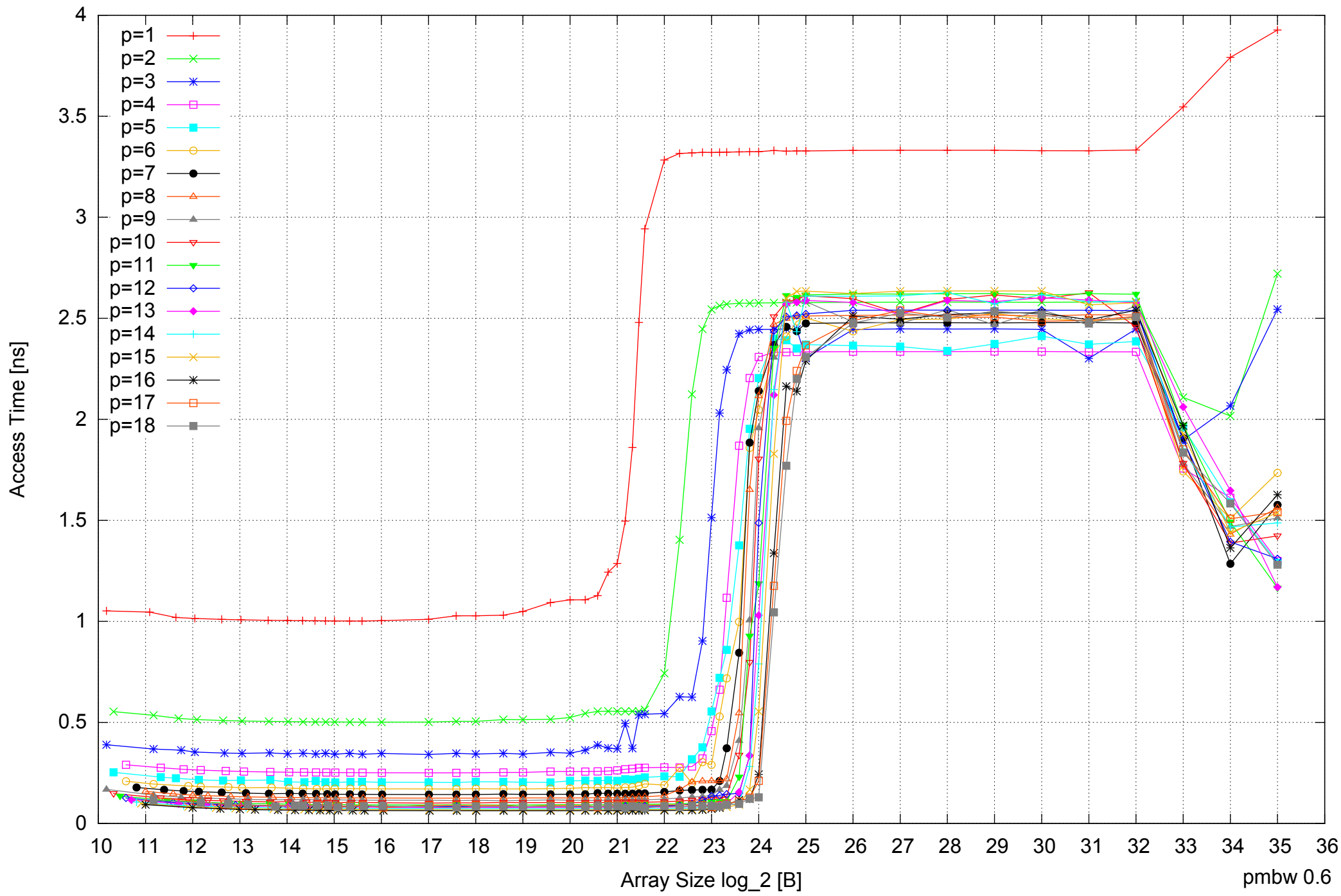




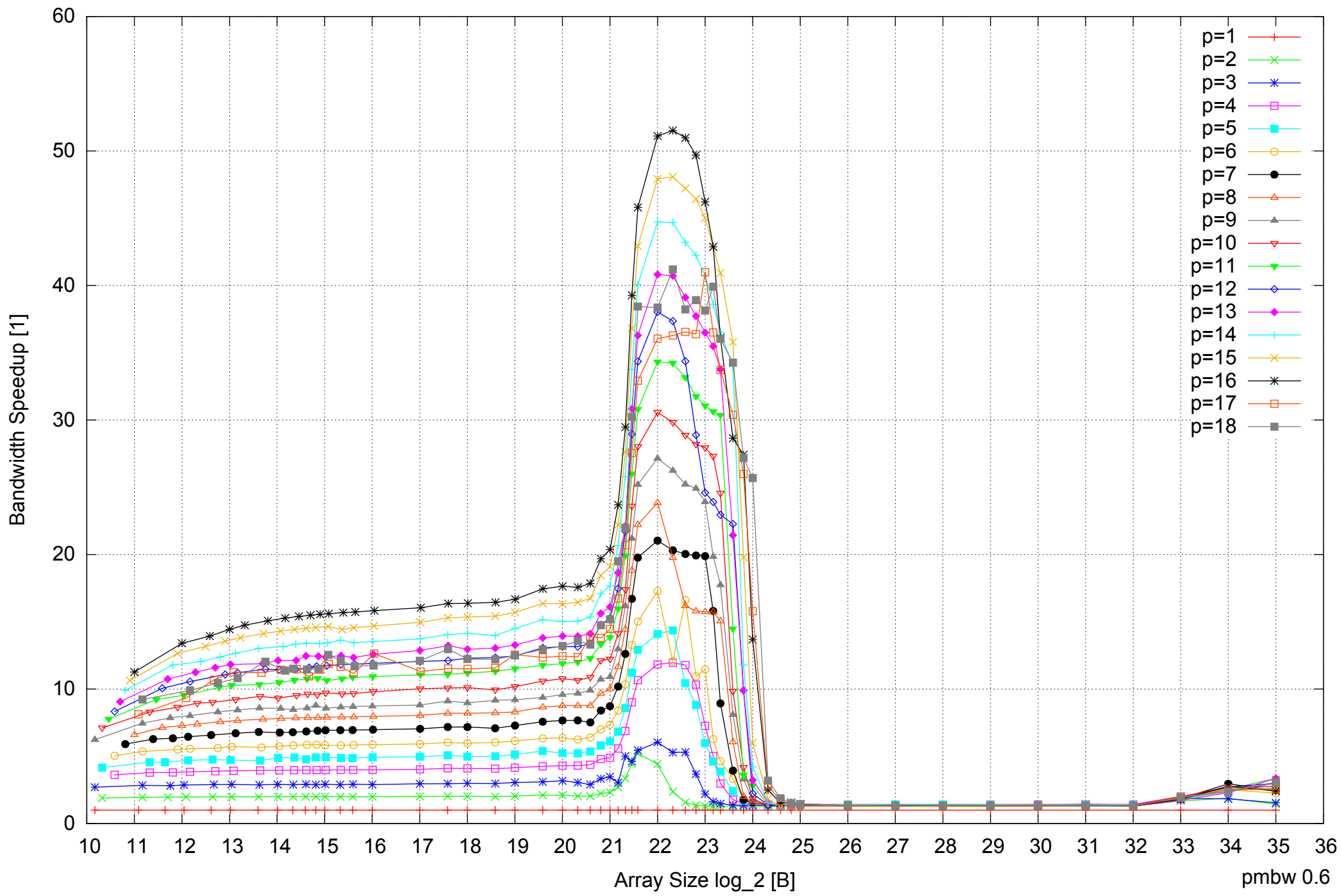
AMD Opteron 8350 64GB - Memory Bandwidth - ScanWrite64IndexSimpleLoop



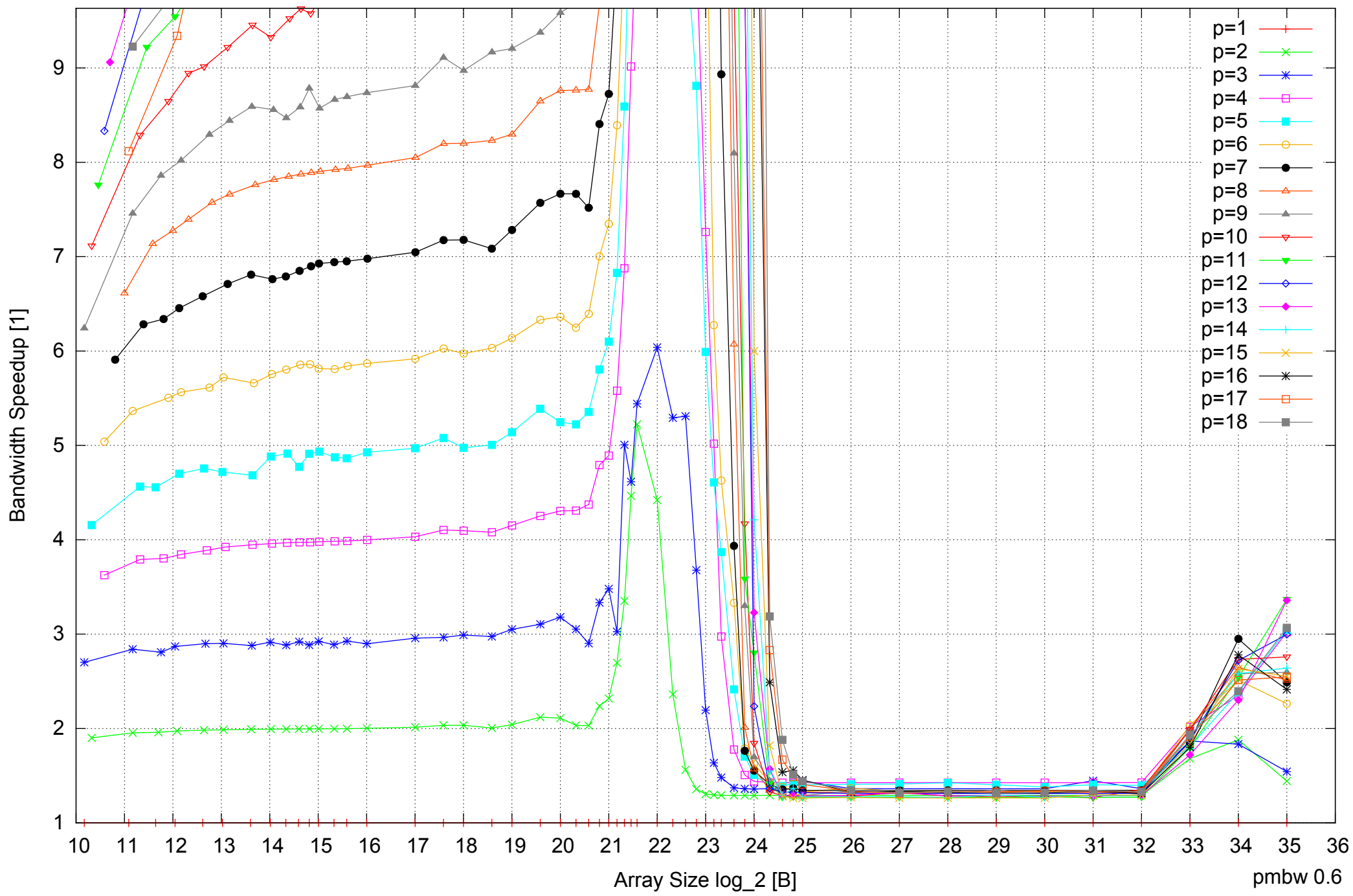
AMD Opteron 8350 64GB - Memory Latency - ScanWrite64IndexSimpleLoop



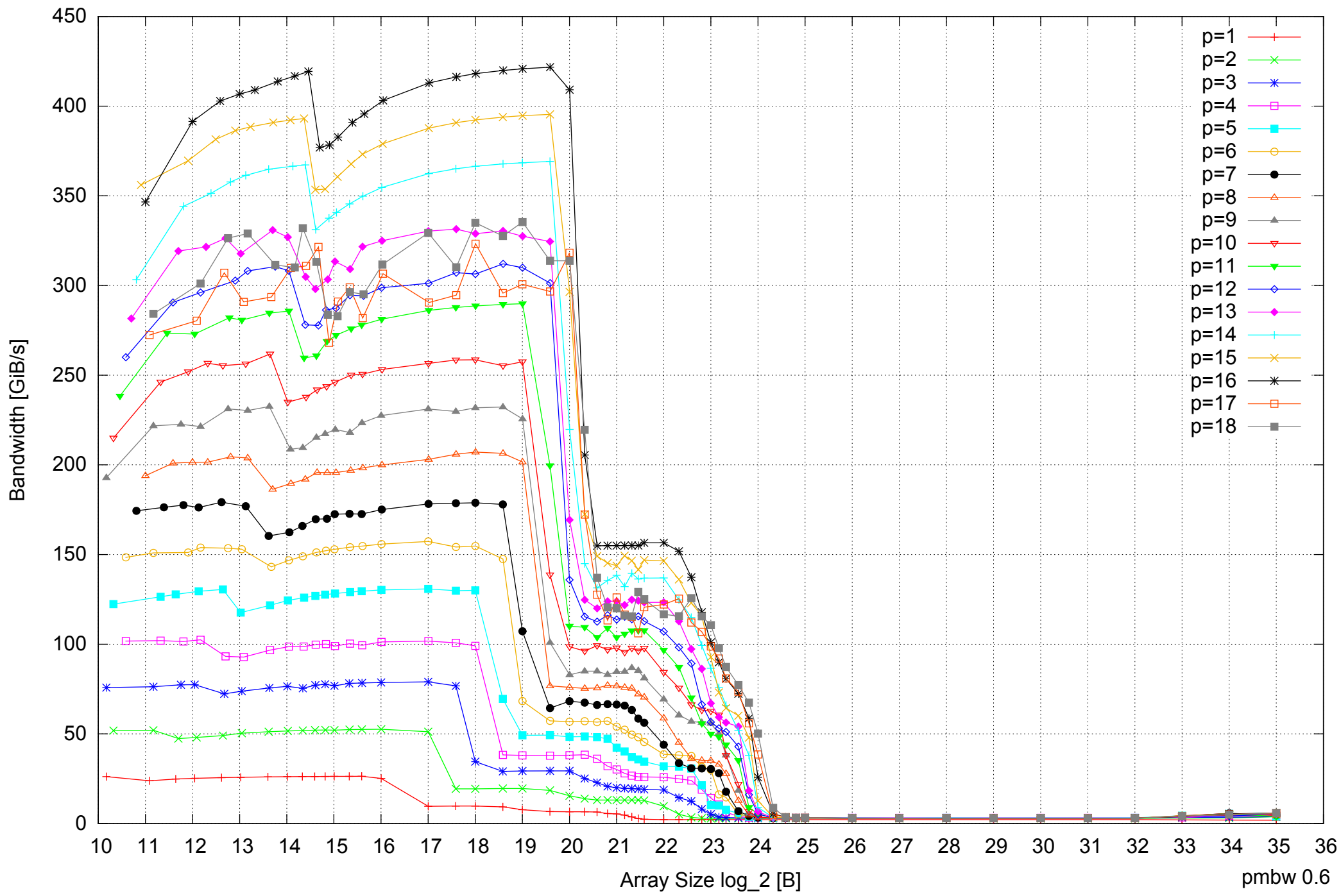
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanWrite64IndexSimpleLoop



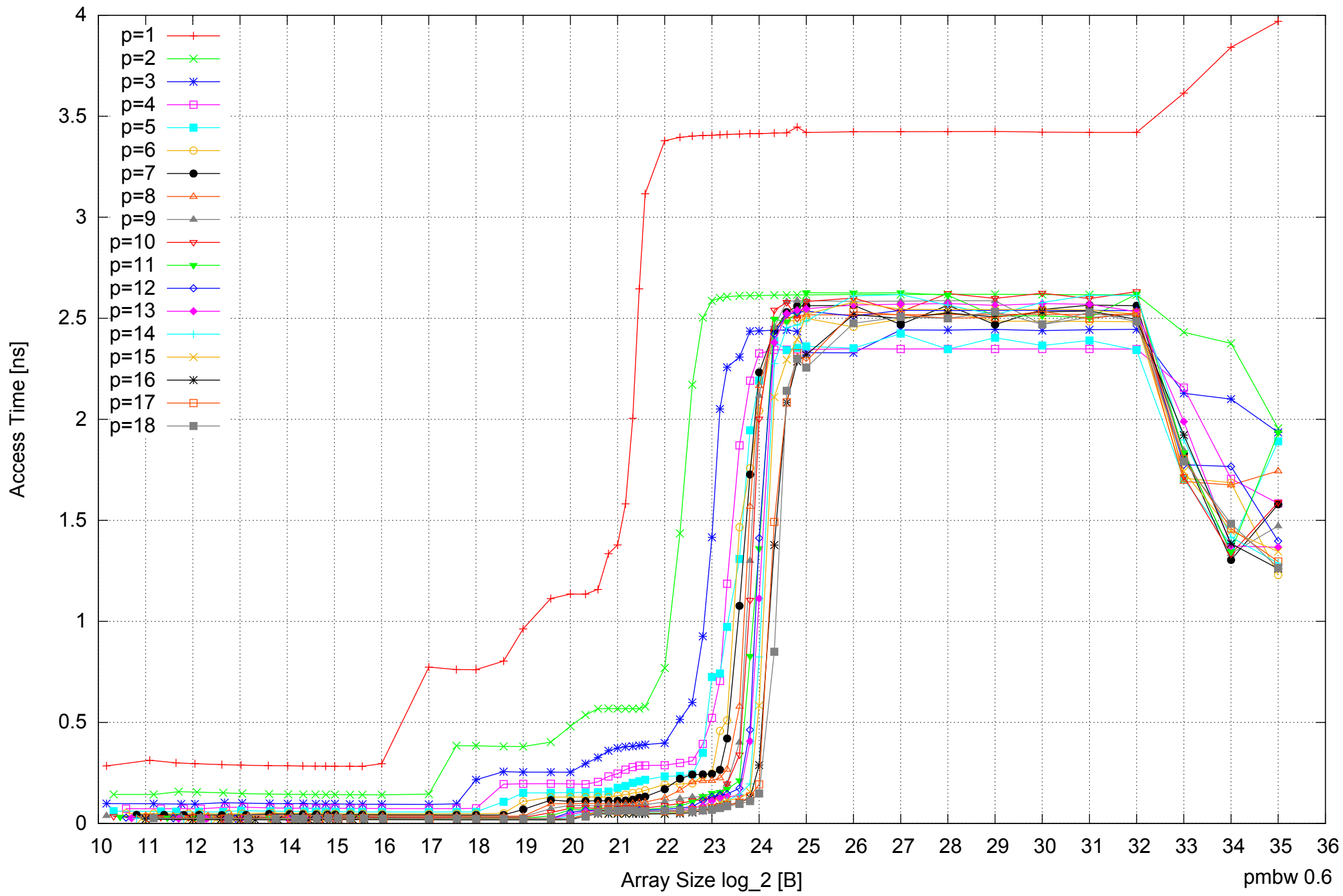
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite64IndexSimpleLoop



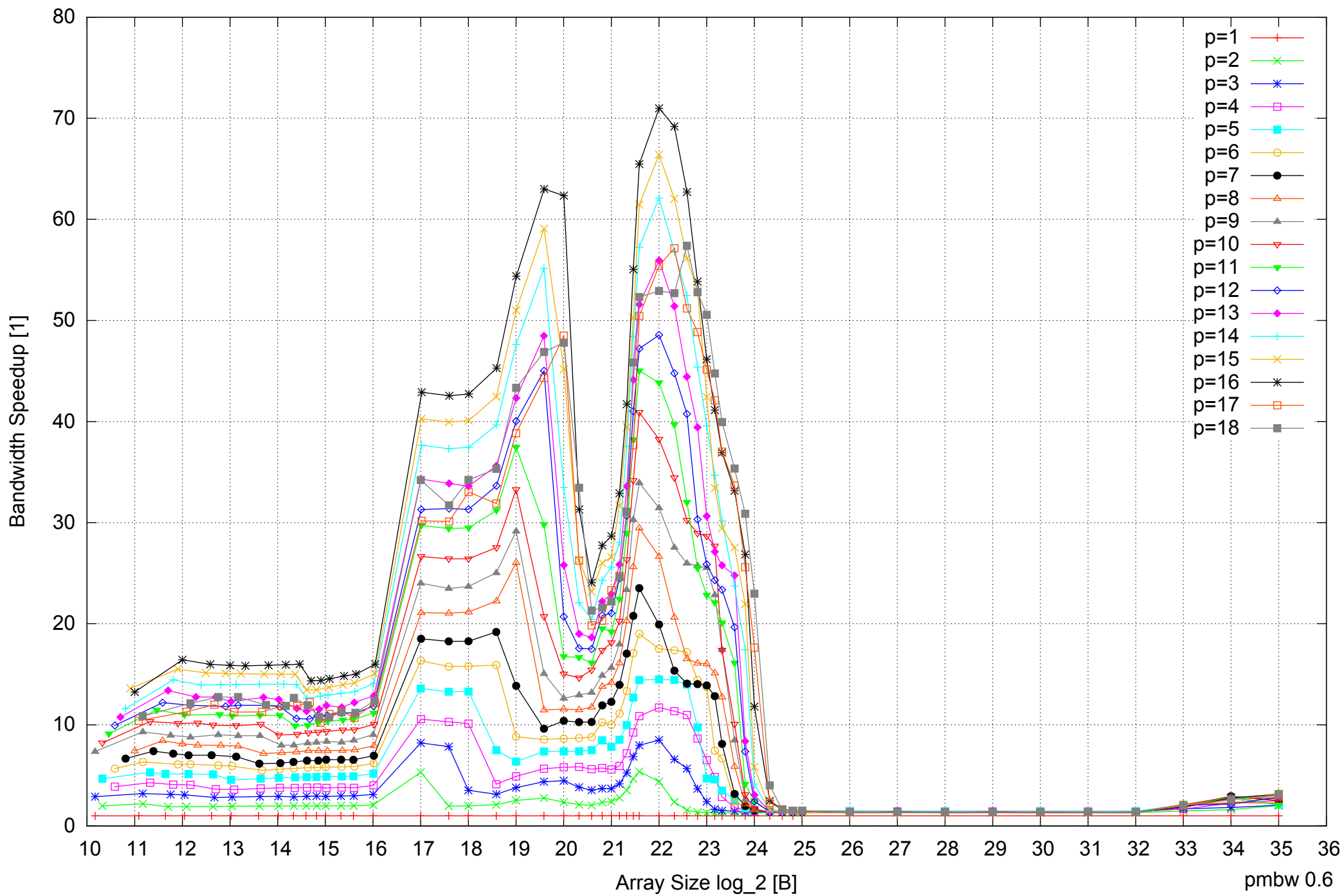
AMD Opteron 8350 64GB - Memory Bandwidth - ScanWrite64IndexUnrollLoop



AMD Opteron 8350 64GB - Memory Latency - ScanWrite64IndexUnrollLoop

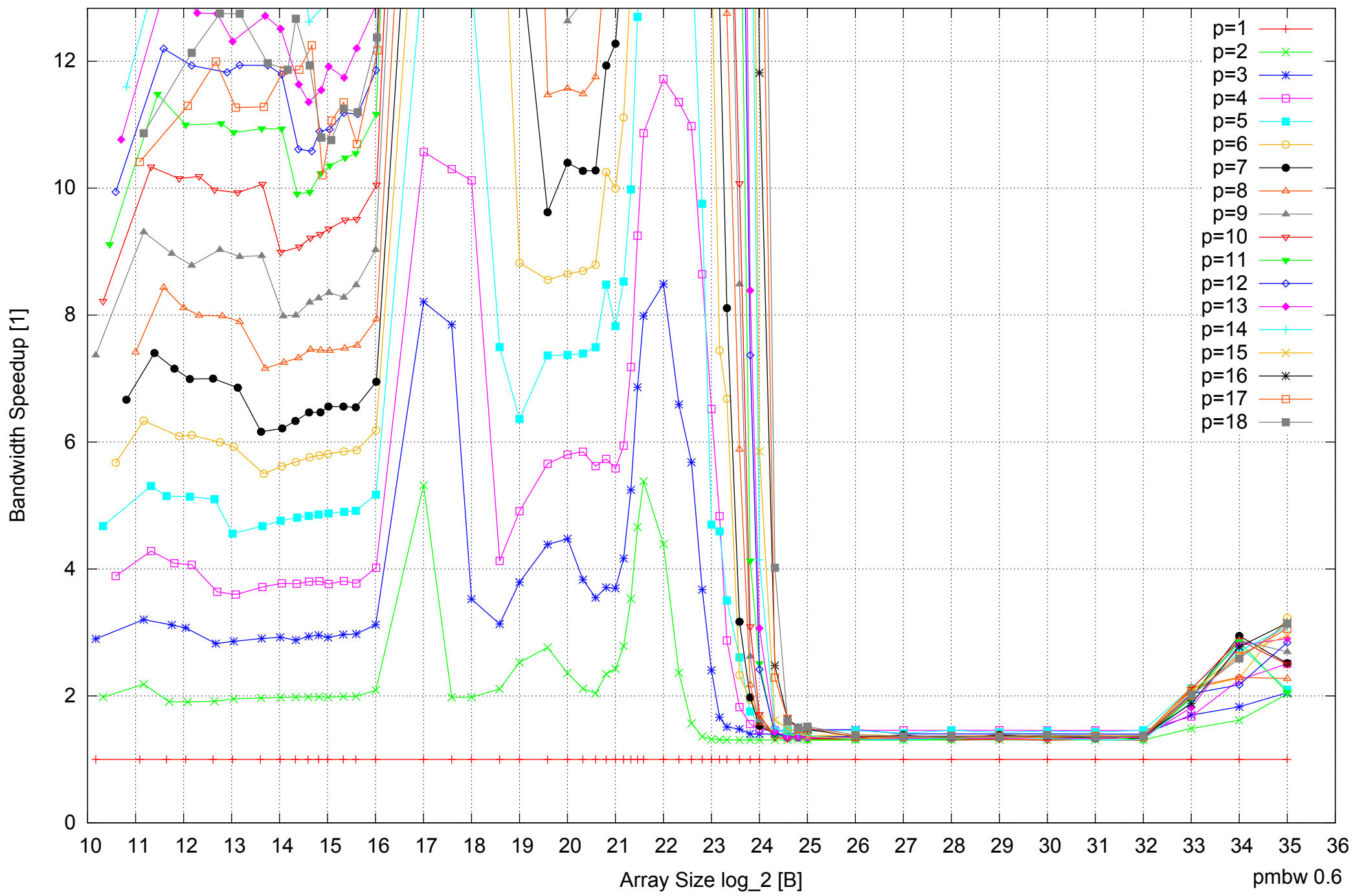


AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanWrite64IndexUnrollLoop

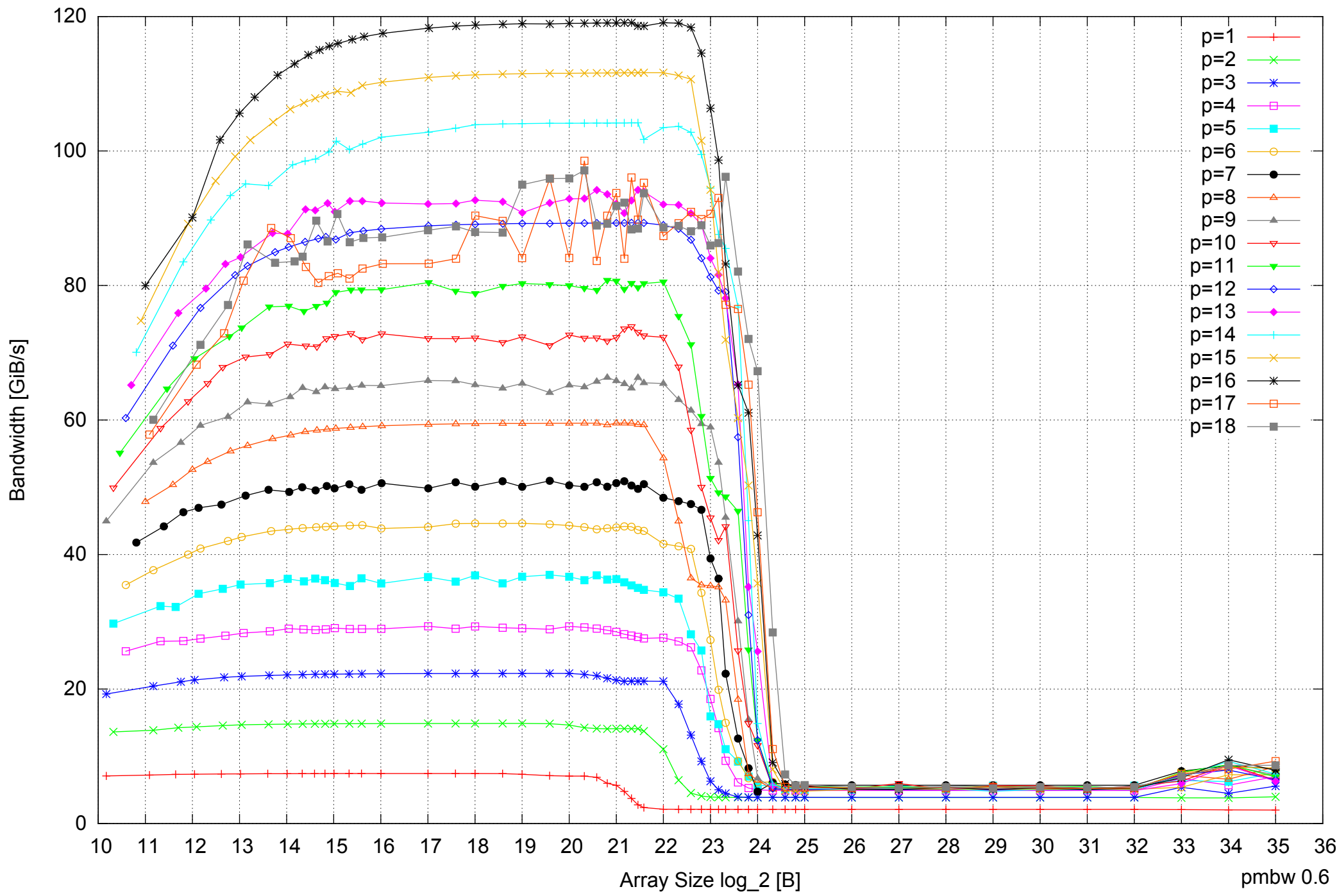




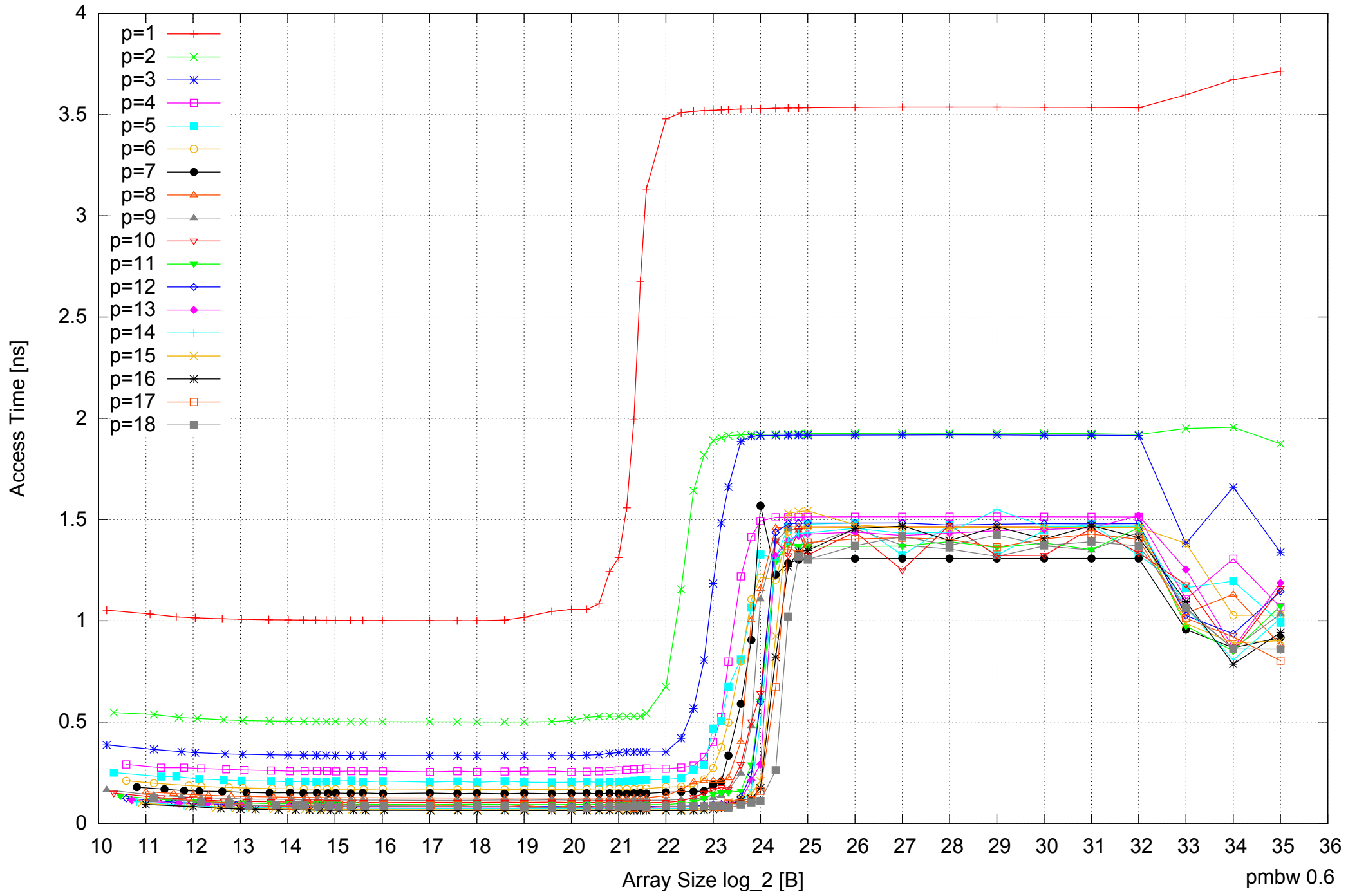
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite64IndexUnrollLoop



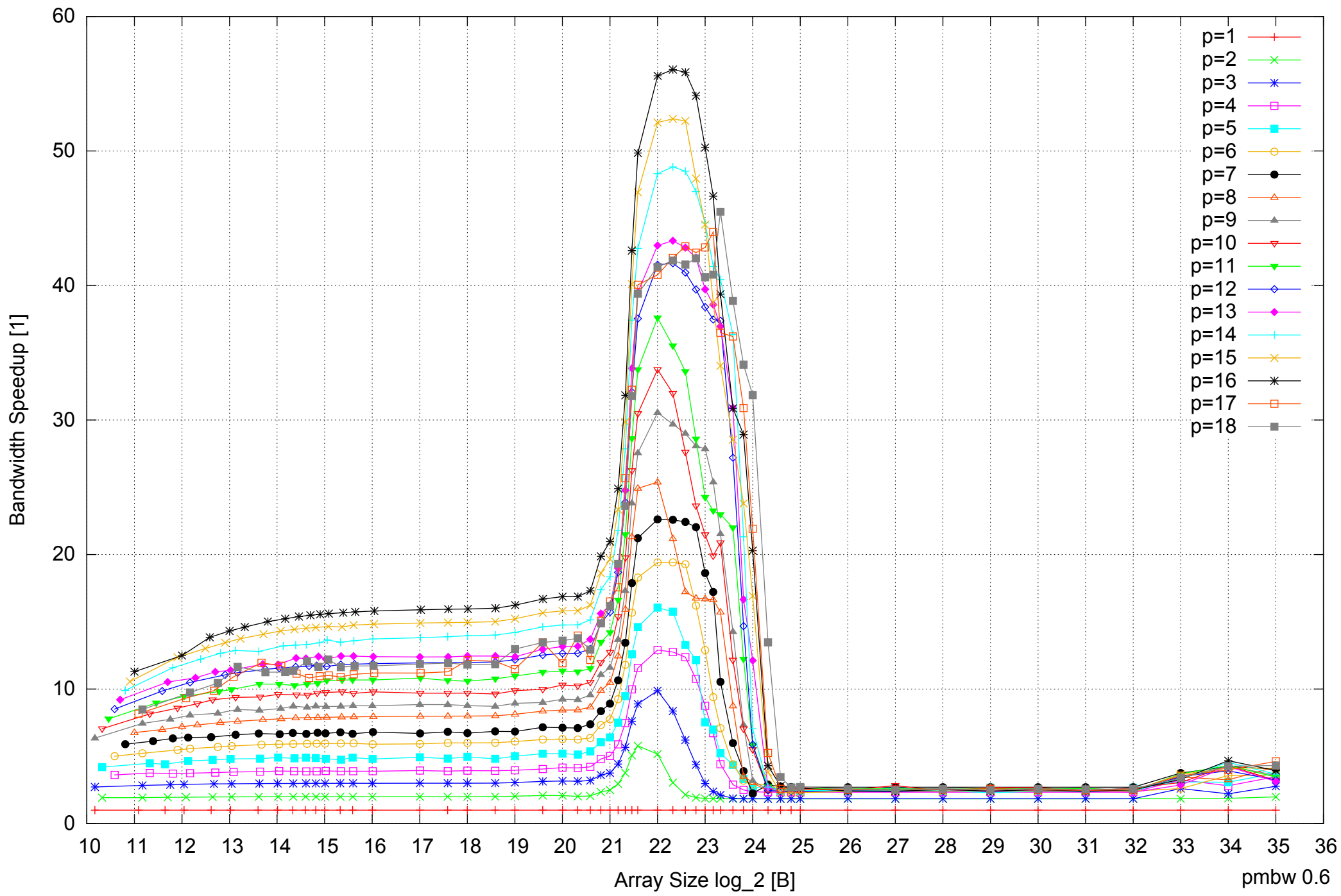
AMD Opteron 8350 64GB - Memory Bandwidth - ScanRead64IndexSimpleLoop



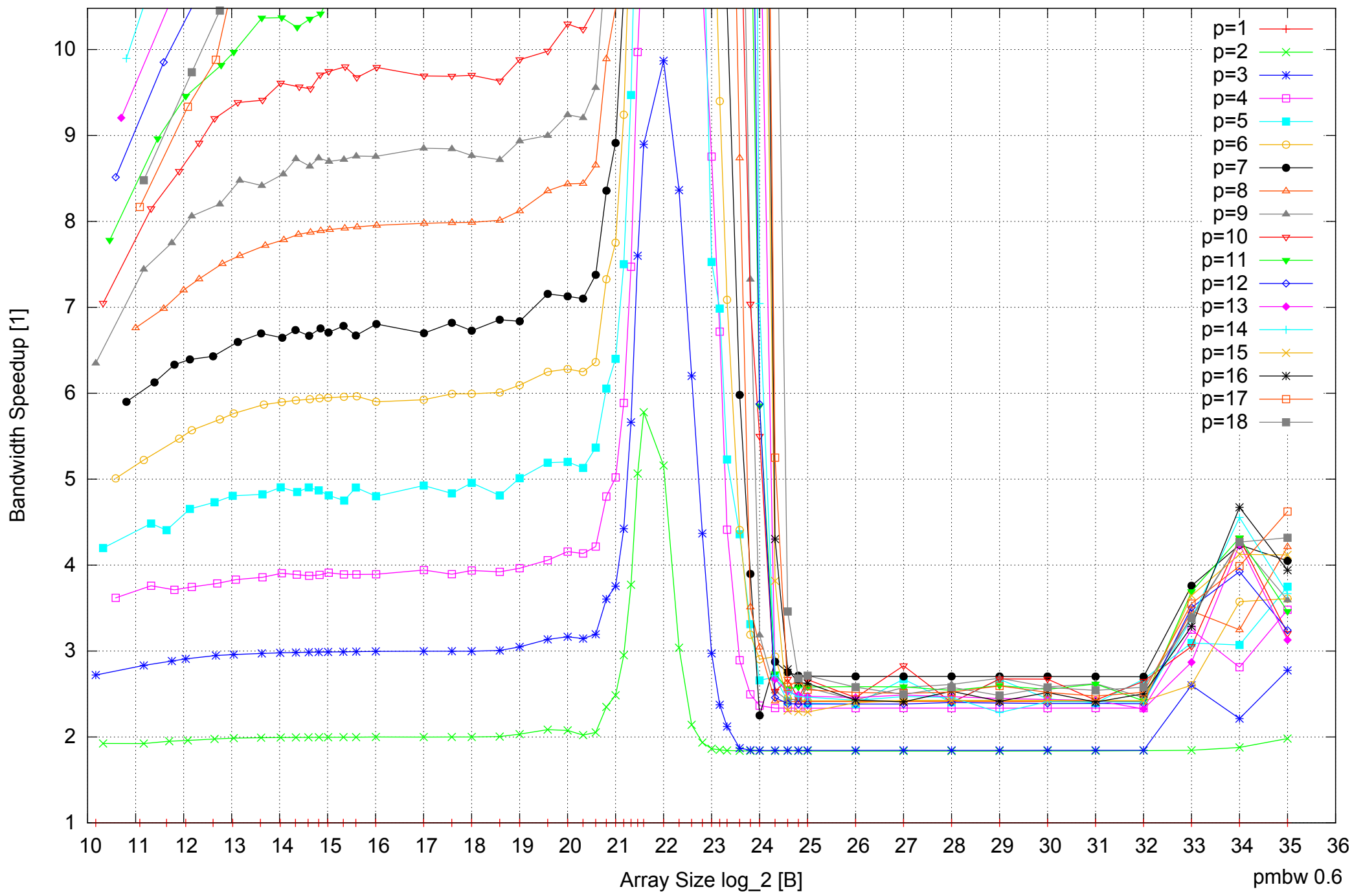
AMD Opteron 8350 64GB - Memory Latency - ScanRead64IndexSimpleLoop



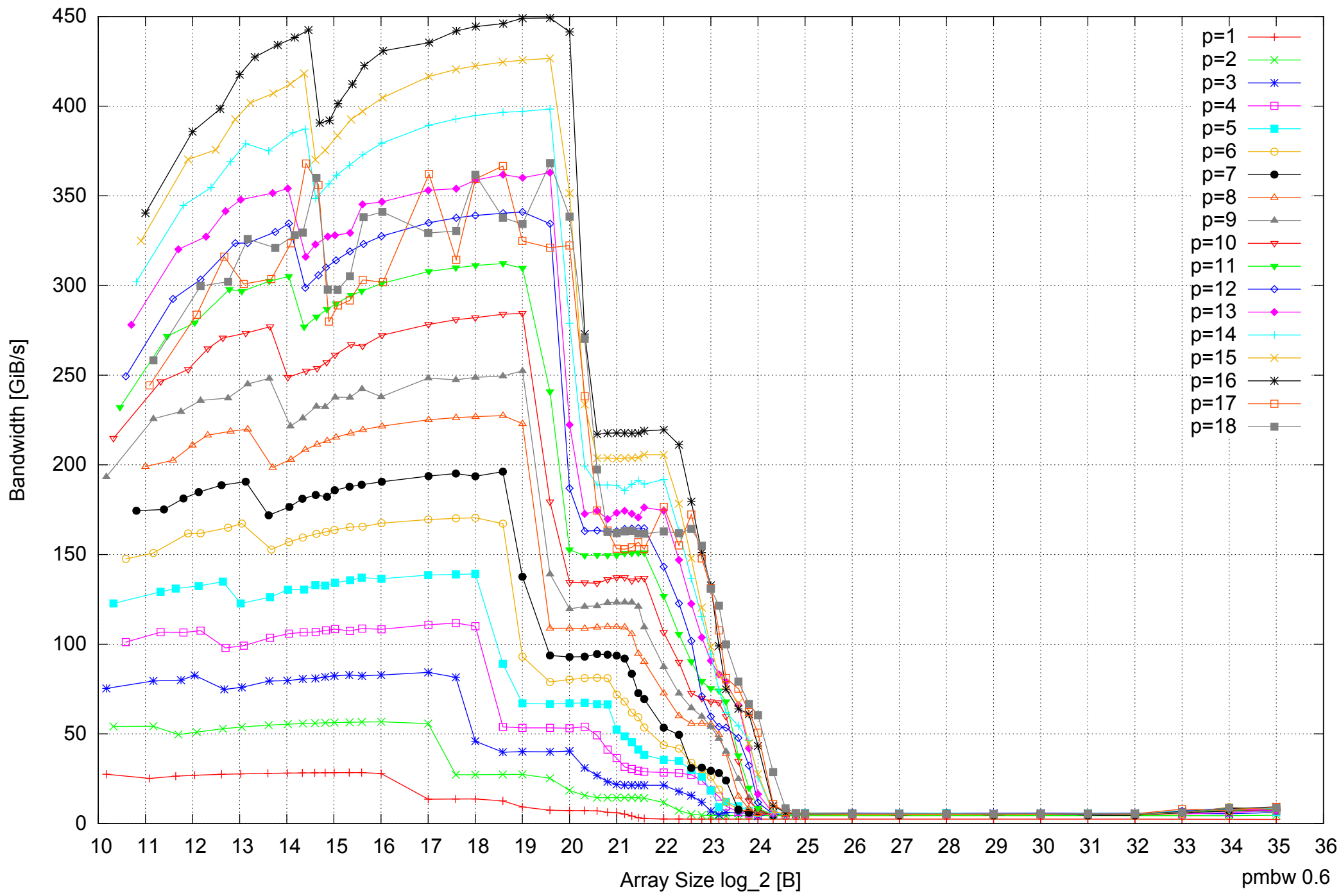
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanRead64IndexSimpleLoop



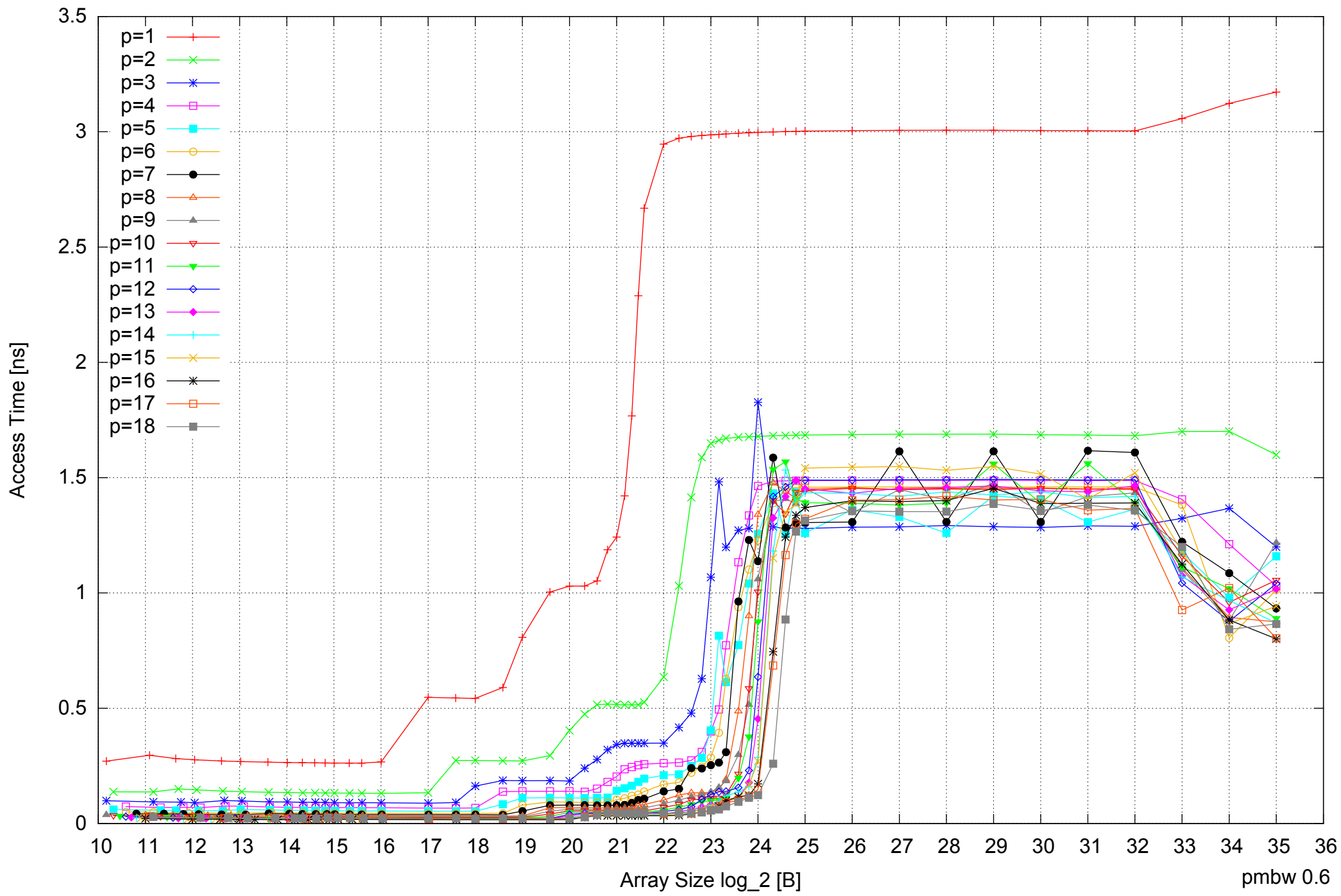
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanRead64IndexSimpleLoop



AMD Opteron 8350 64GB - Memory Bandwidth - ScanRead64IndexUnrollLoop

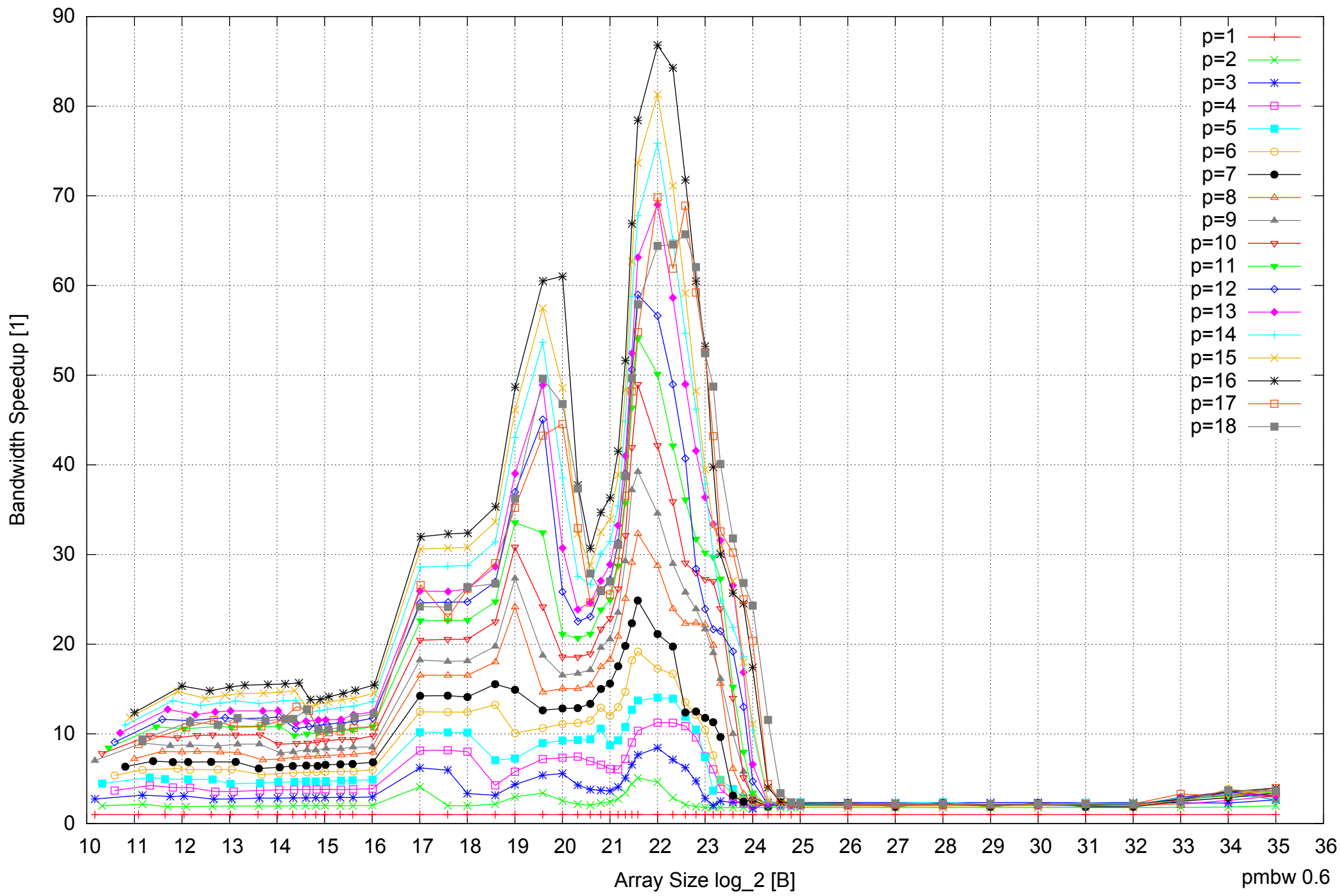


AMD Opteron 8350 64GB - Memory Latency - ScanRead64IndexUnrollLoop

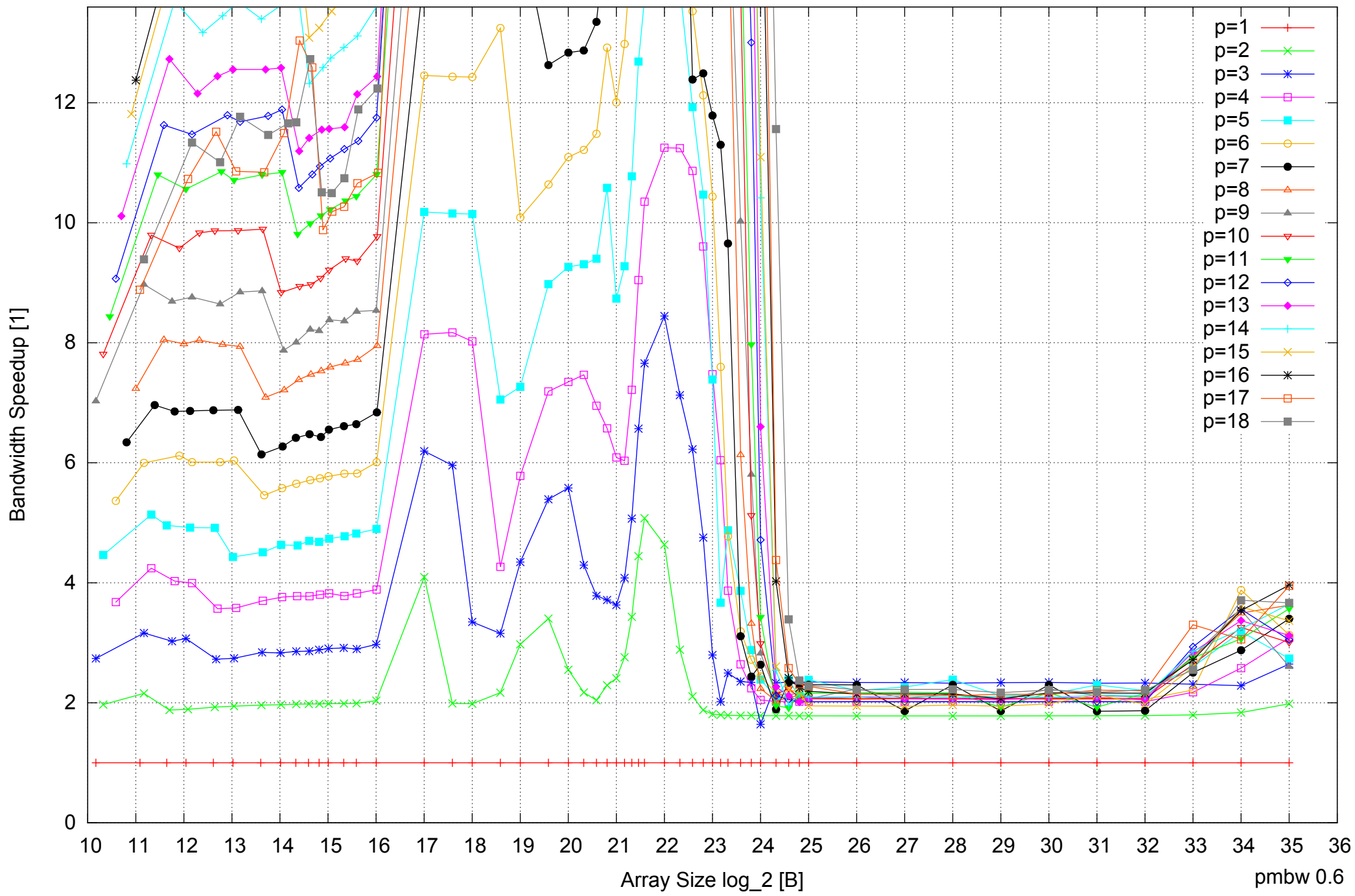




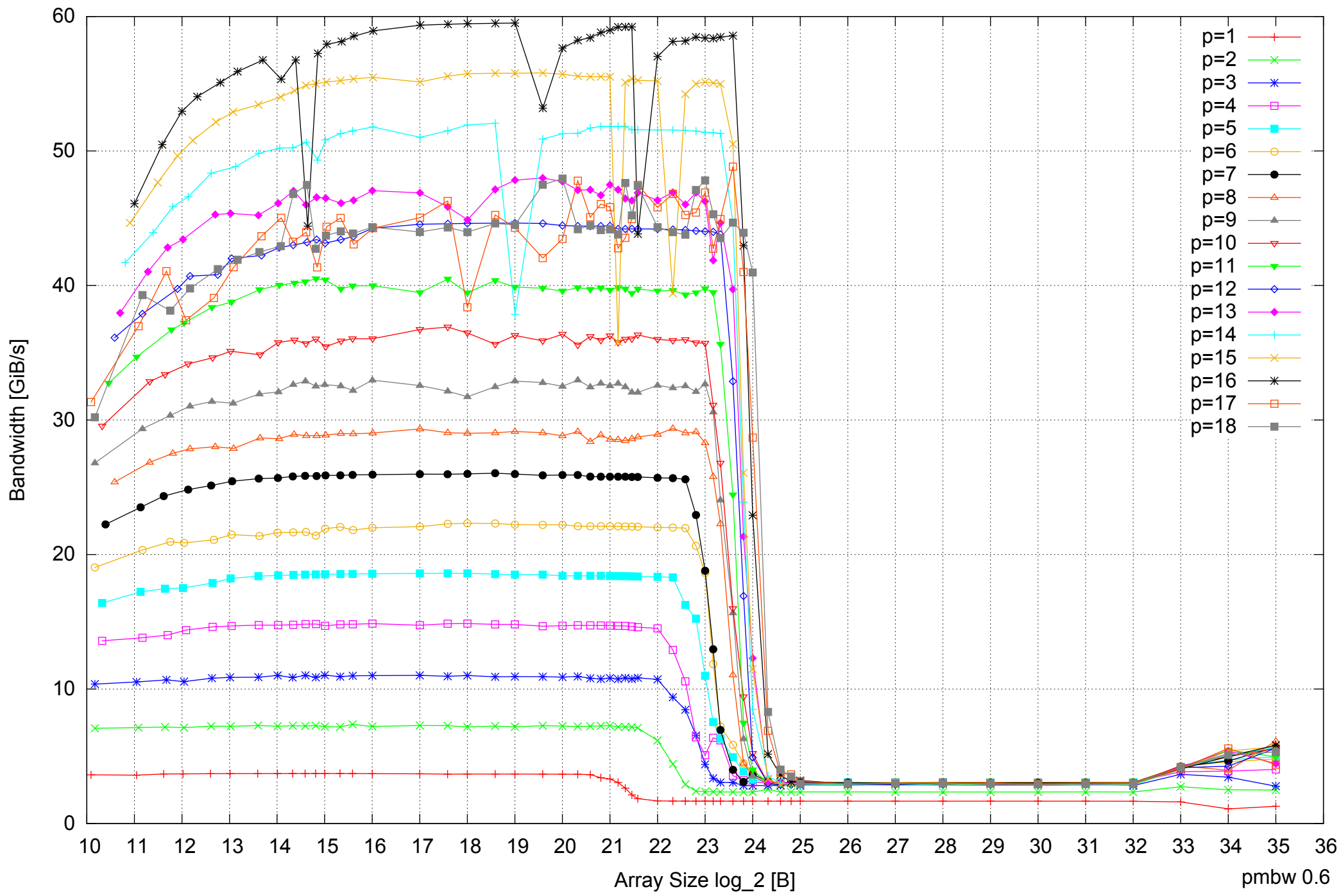
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanRead64IndexUnrollLoop



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

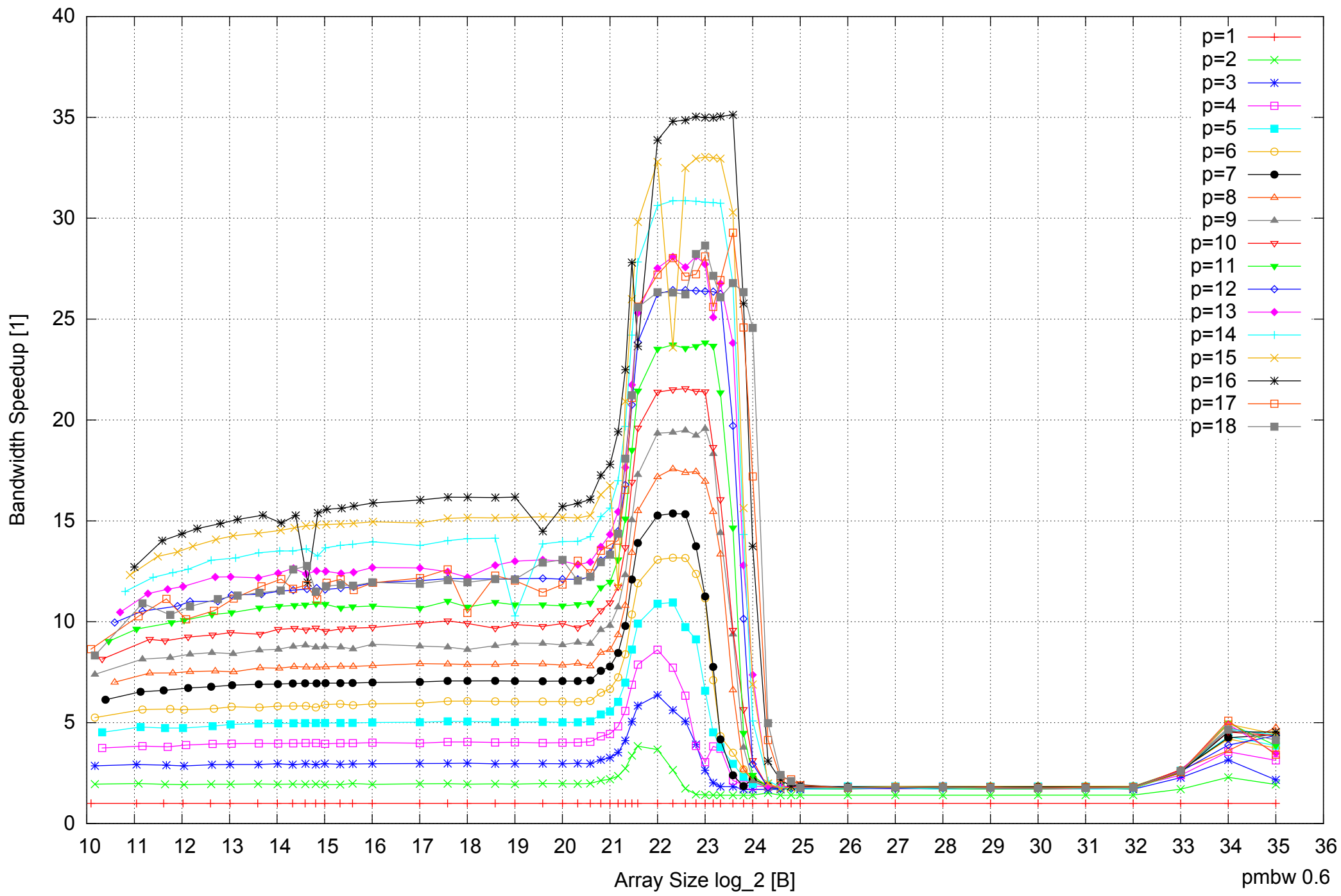


AMD Opteron 8350 64GB - Memory Bandwidth - ScanWrite32PtrSimpleLoop

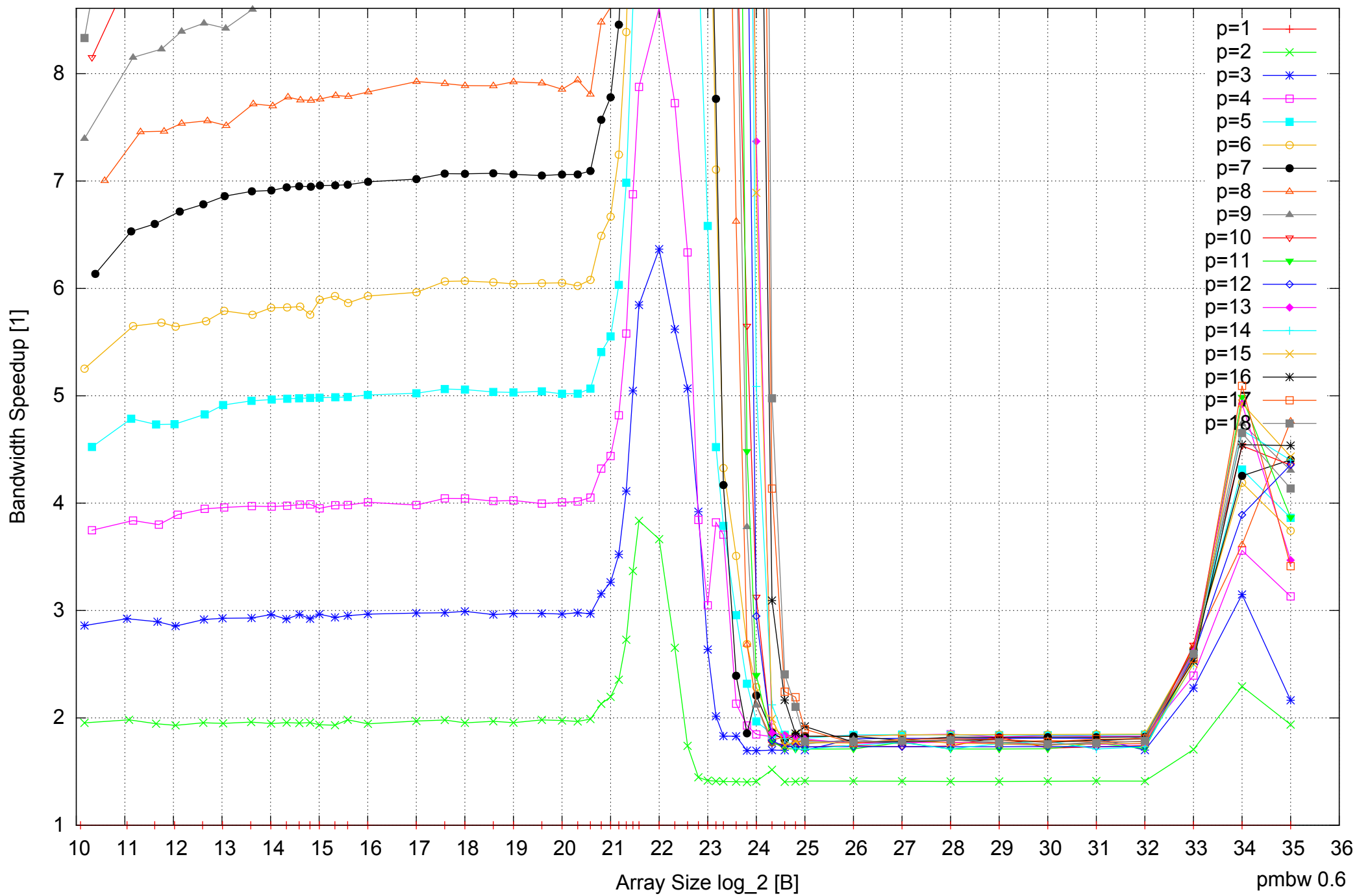




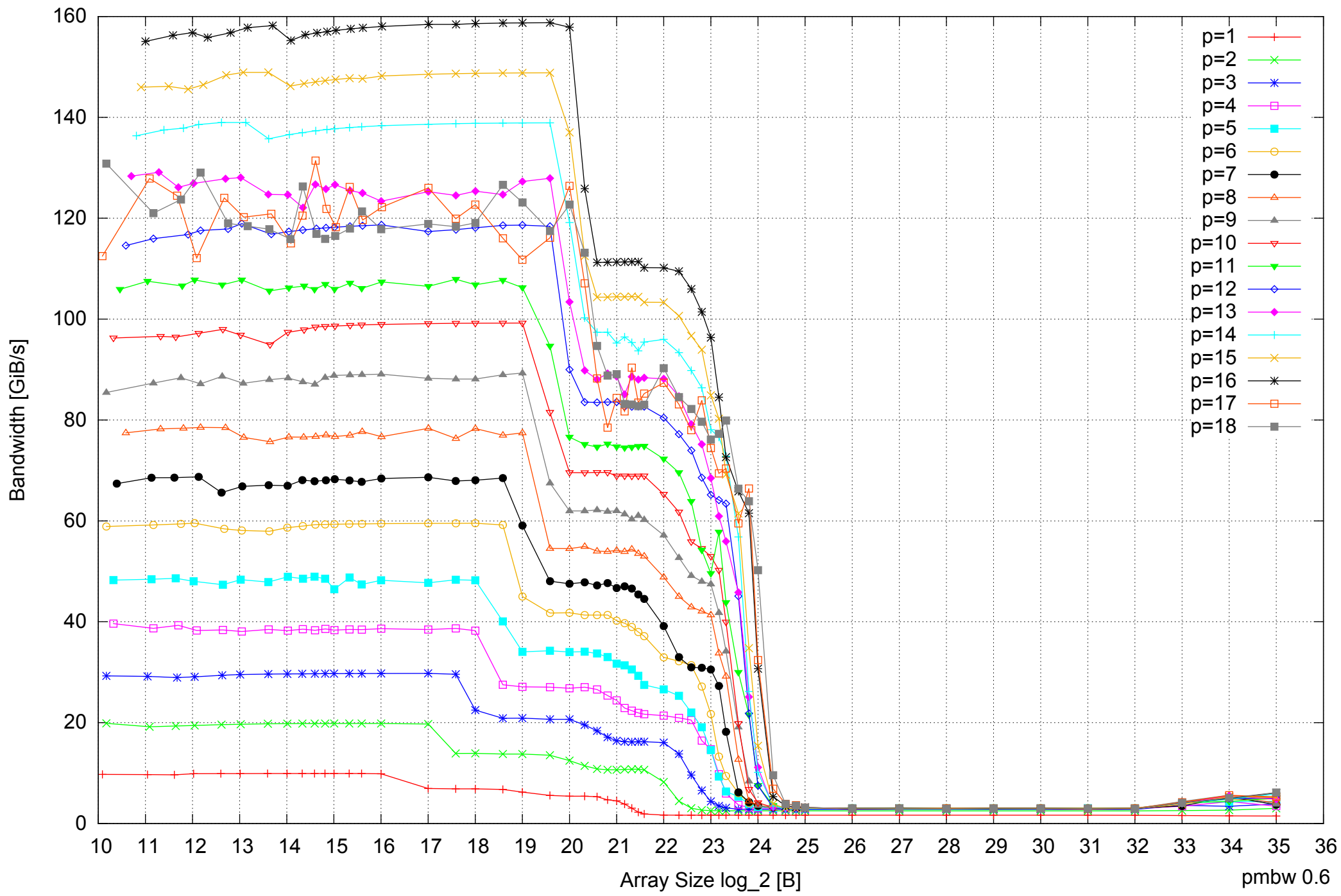
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanWrite32PtrSimpleLoop



AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite32PtrSimpleLoop



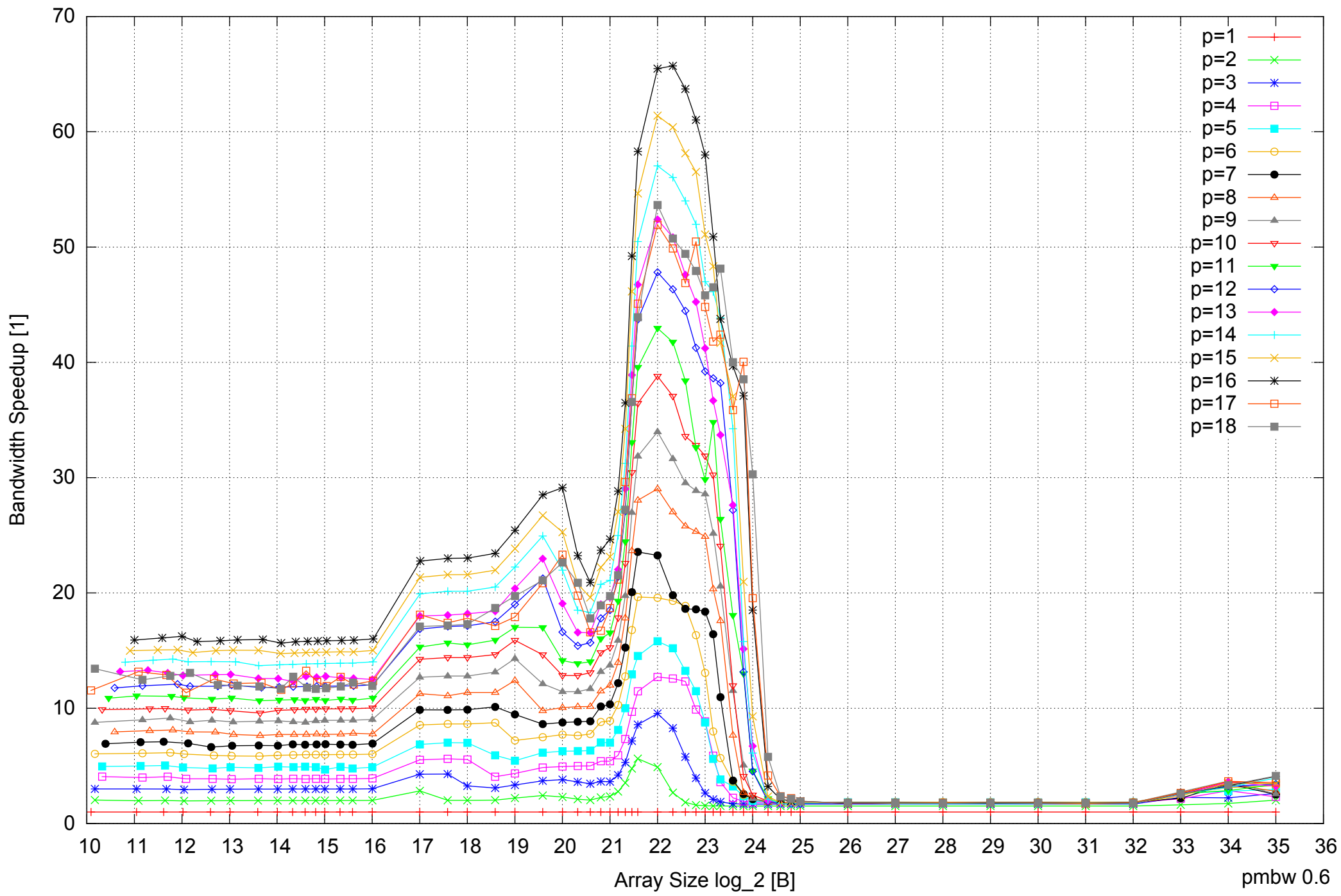
AMD Opteron 8350 64GB - Memory Bandwidth - ScanWrite32PtrUnrollLoop



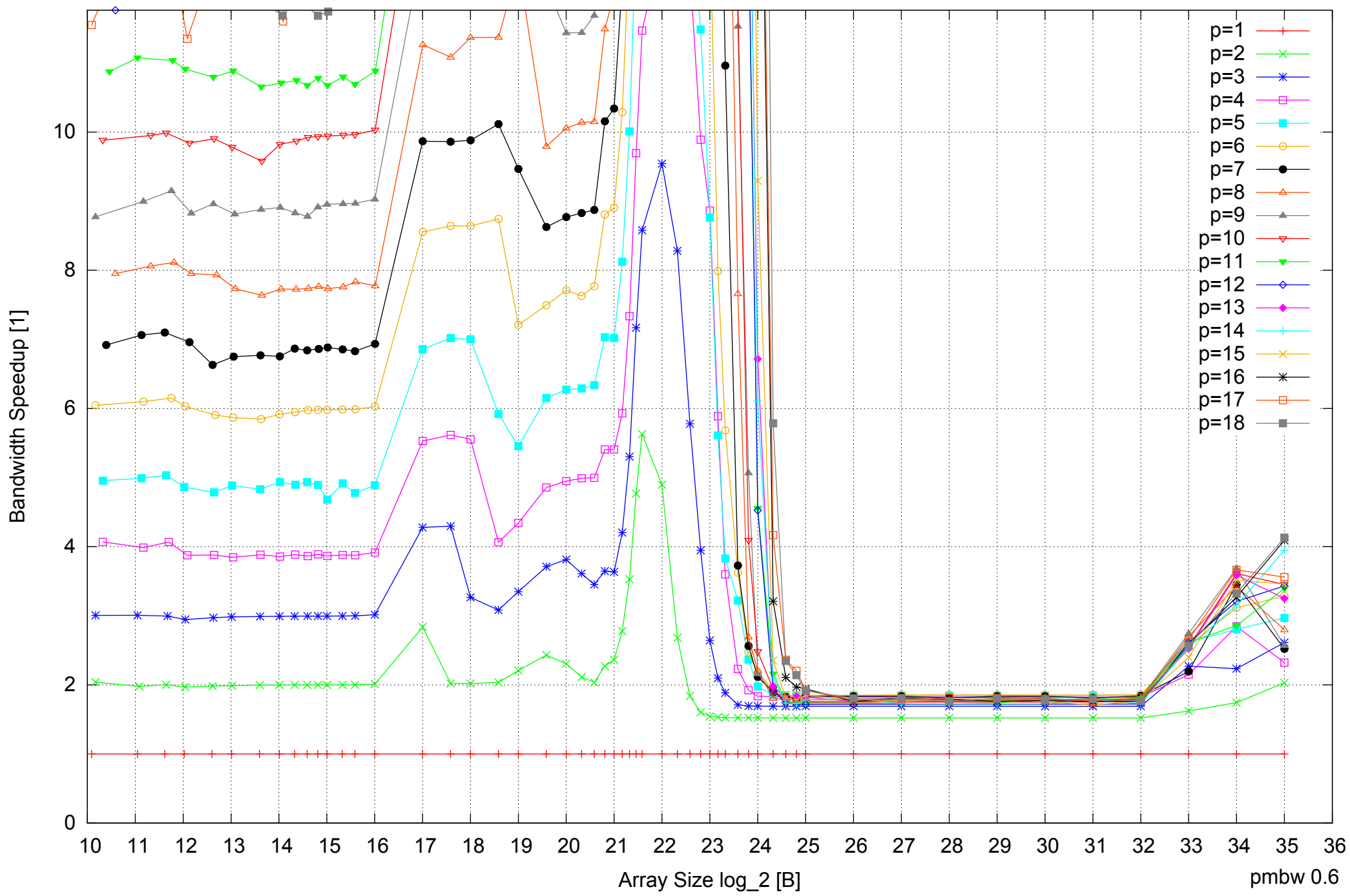




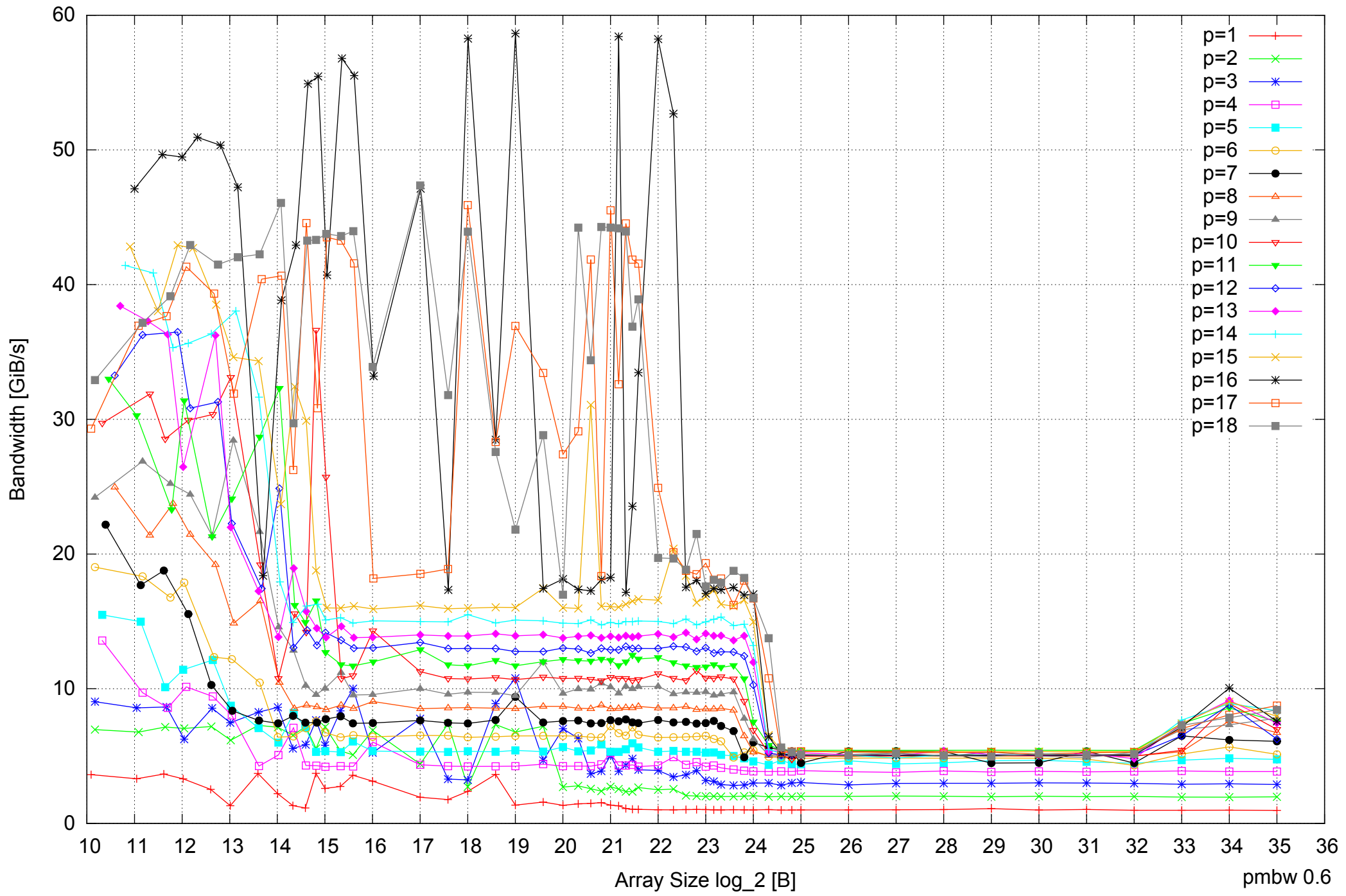
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - ScanWrite32PtrUnrollLoop



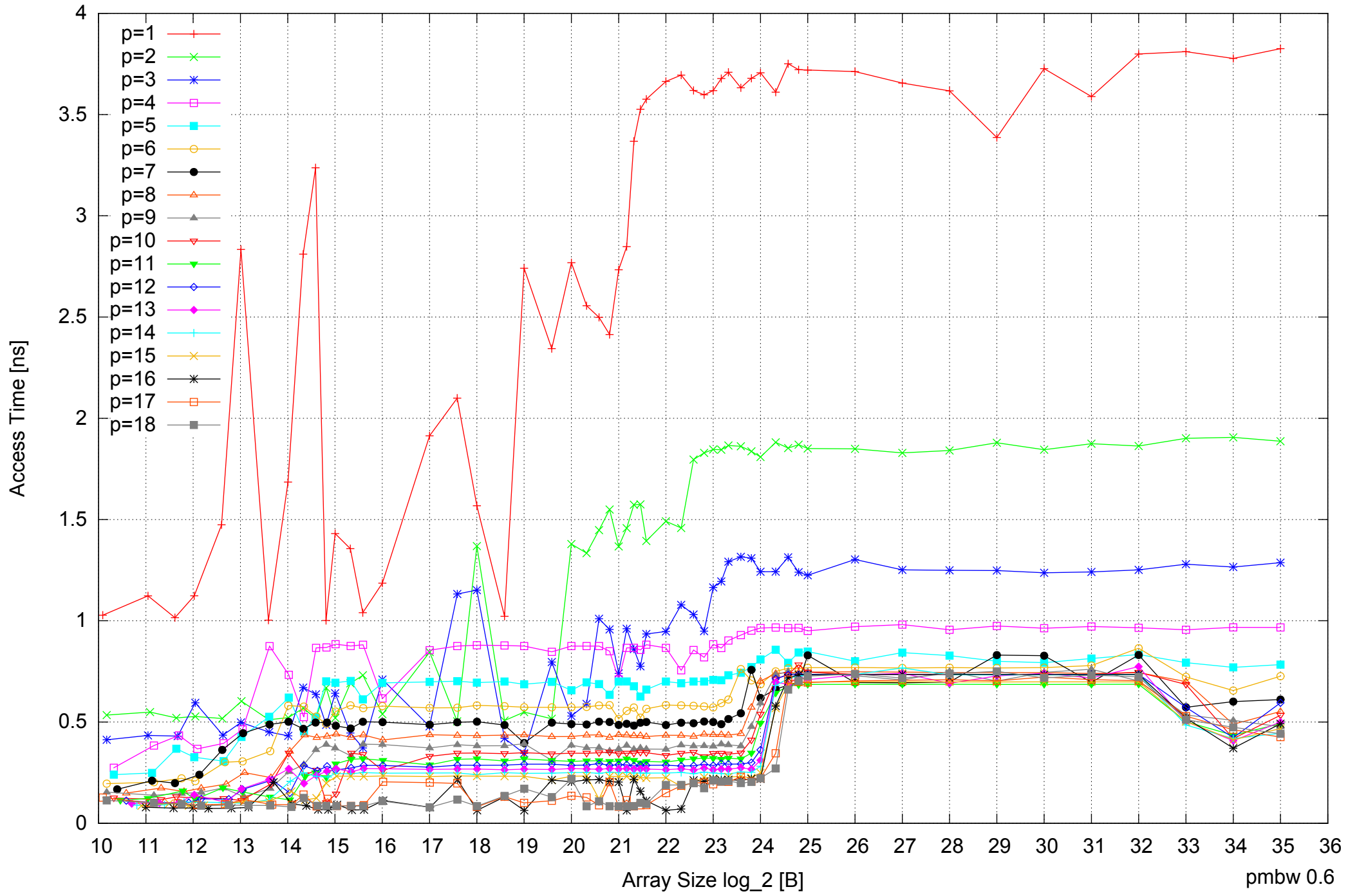
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite32PtrUnrollLoop



AMD Opteron 8350 64GB - Memory Bandwidth - ScanRead32PtrSimpleLoop



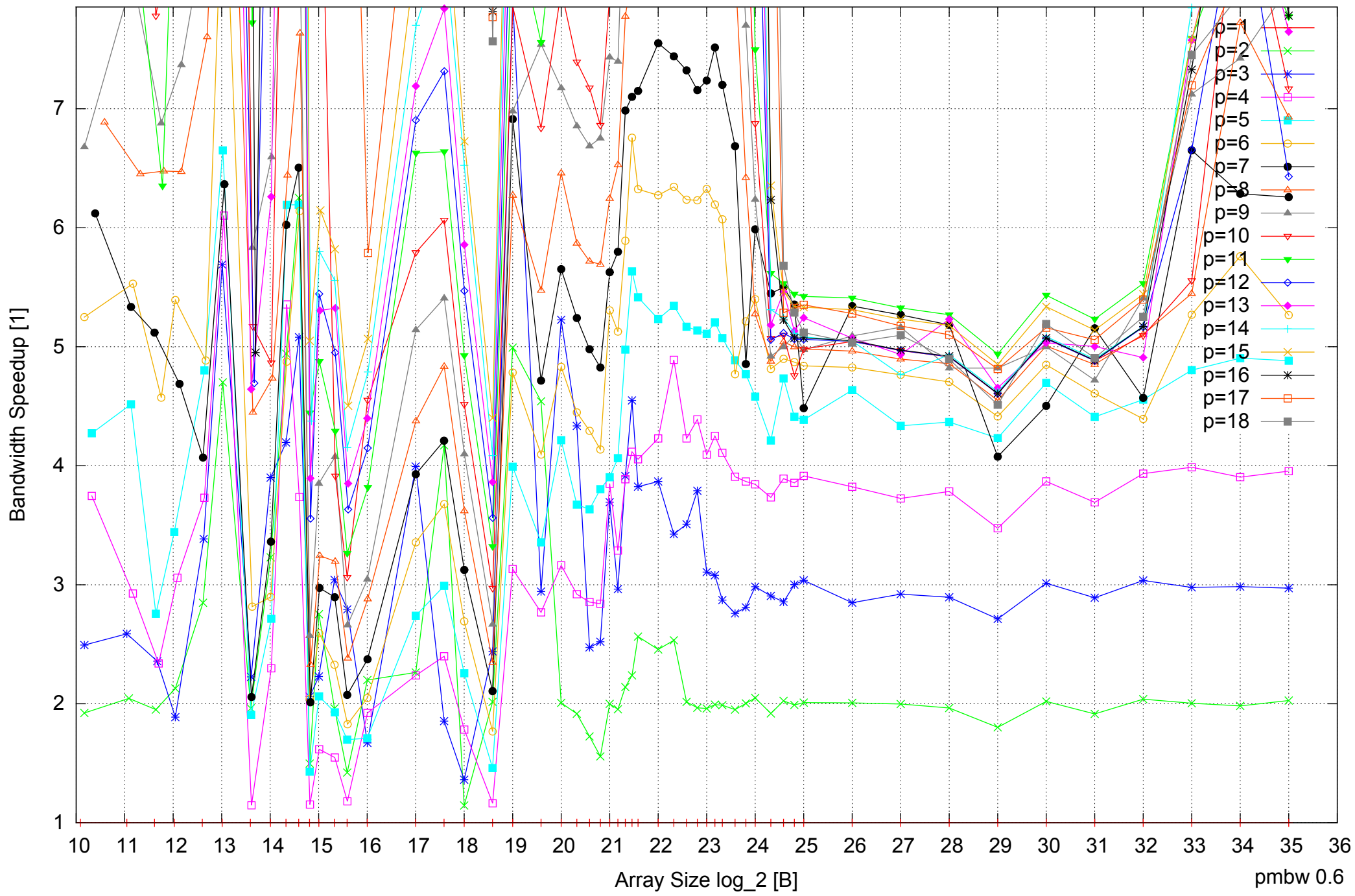
AMD Opteron 8350 64GB - Memory Latency - ScanRead32PtrSimpleLoop





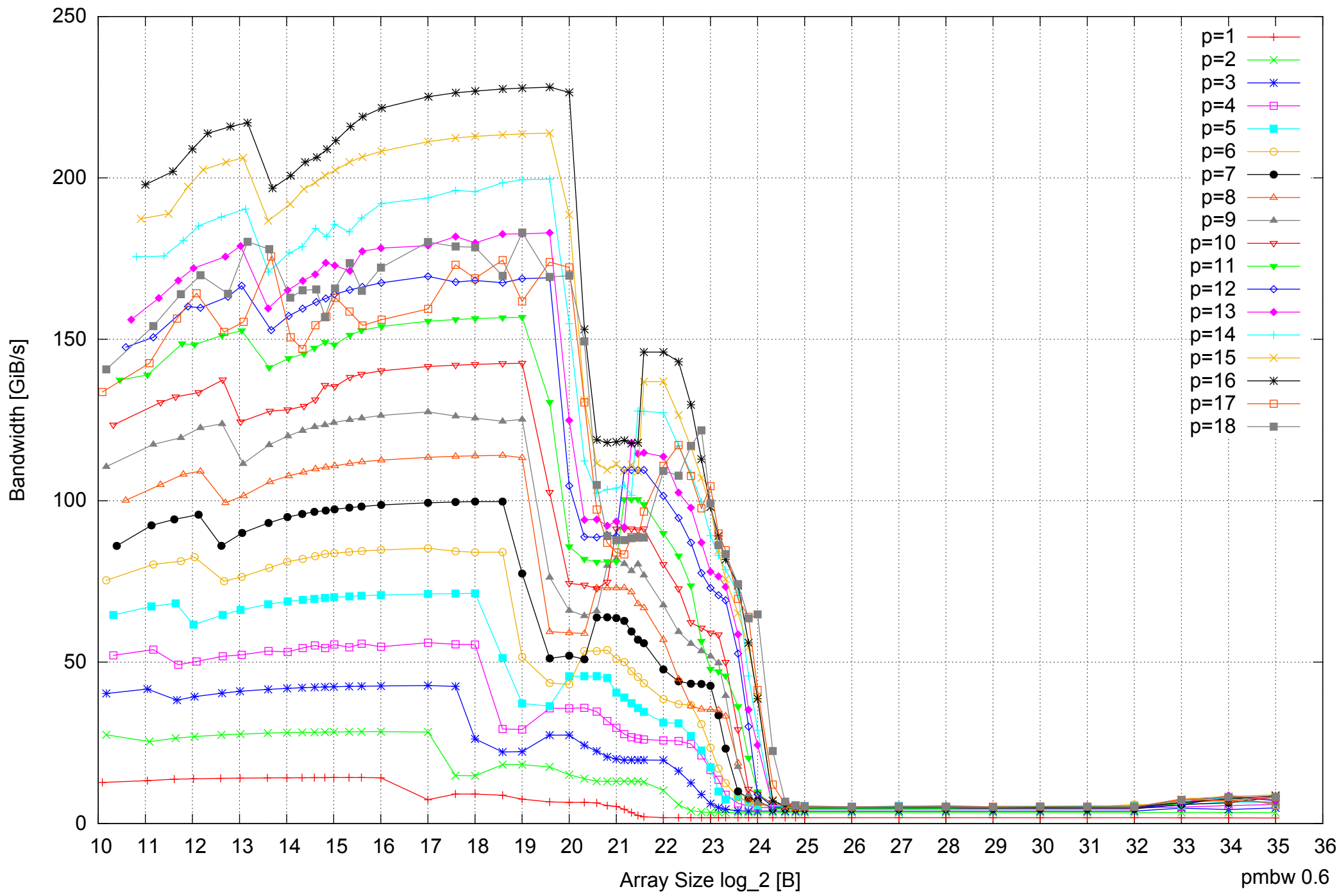


AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanRead32PtrSimpleLoop

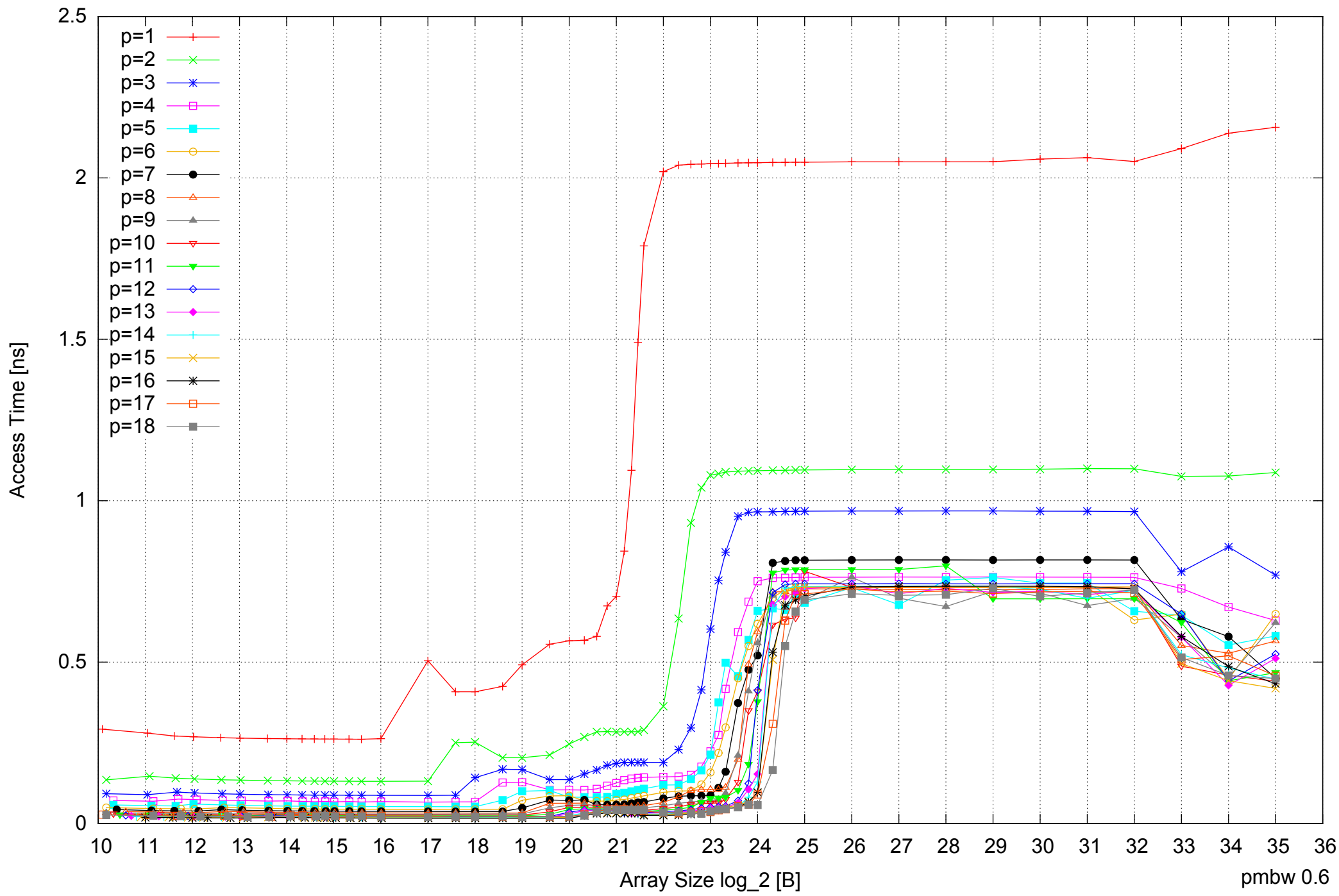




AMD Opteron 8350 64GB - Memory Bandwidth - ScanRead32PtrUnrollLoop

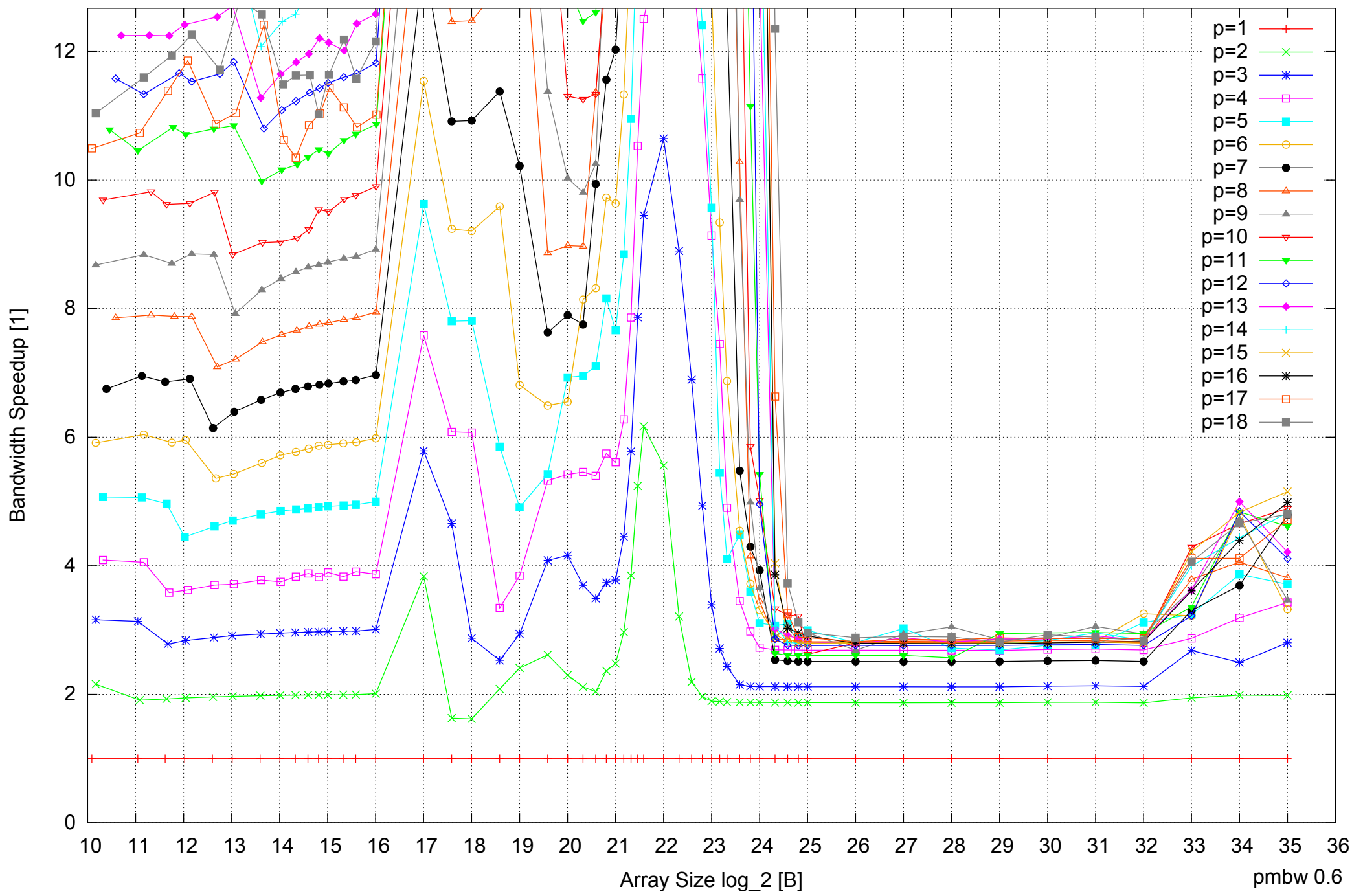


AMD Opteron 8350 64GB - Memory Latency - ScanRead32PtrUnrollLoop

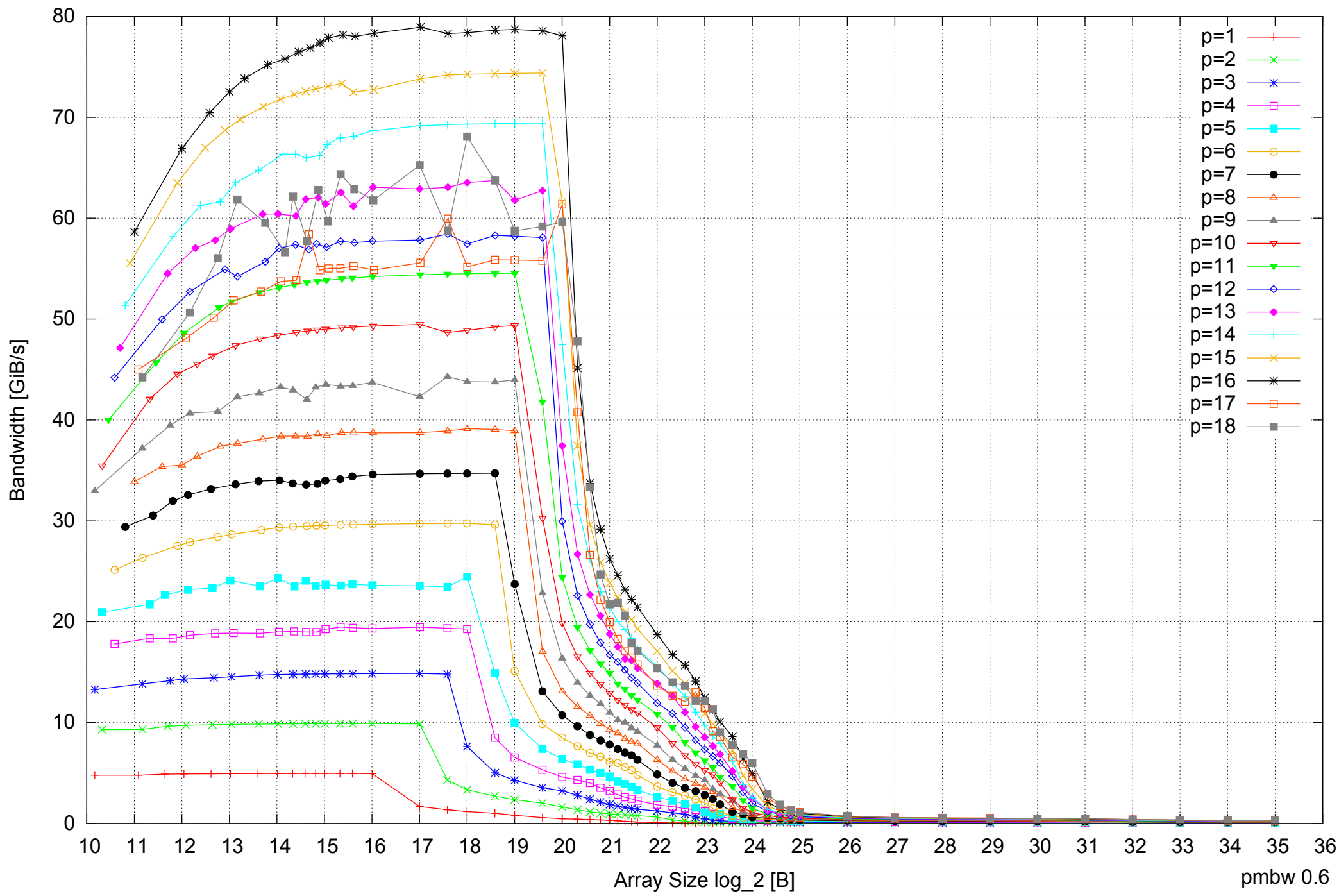




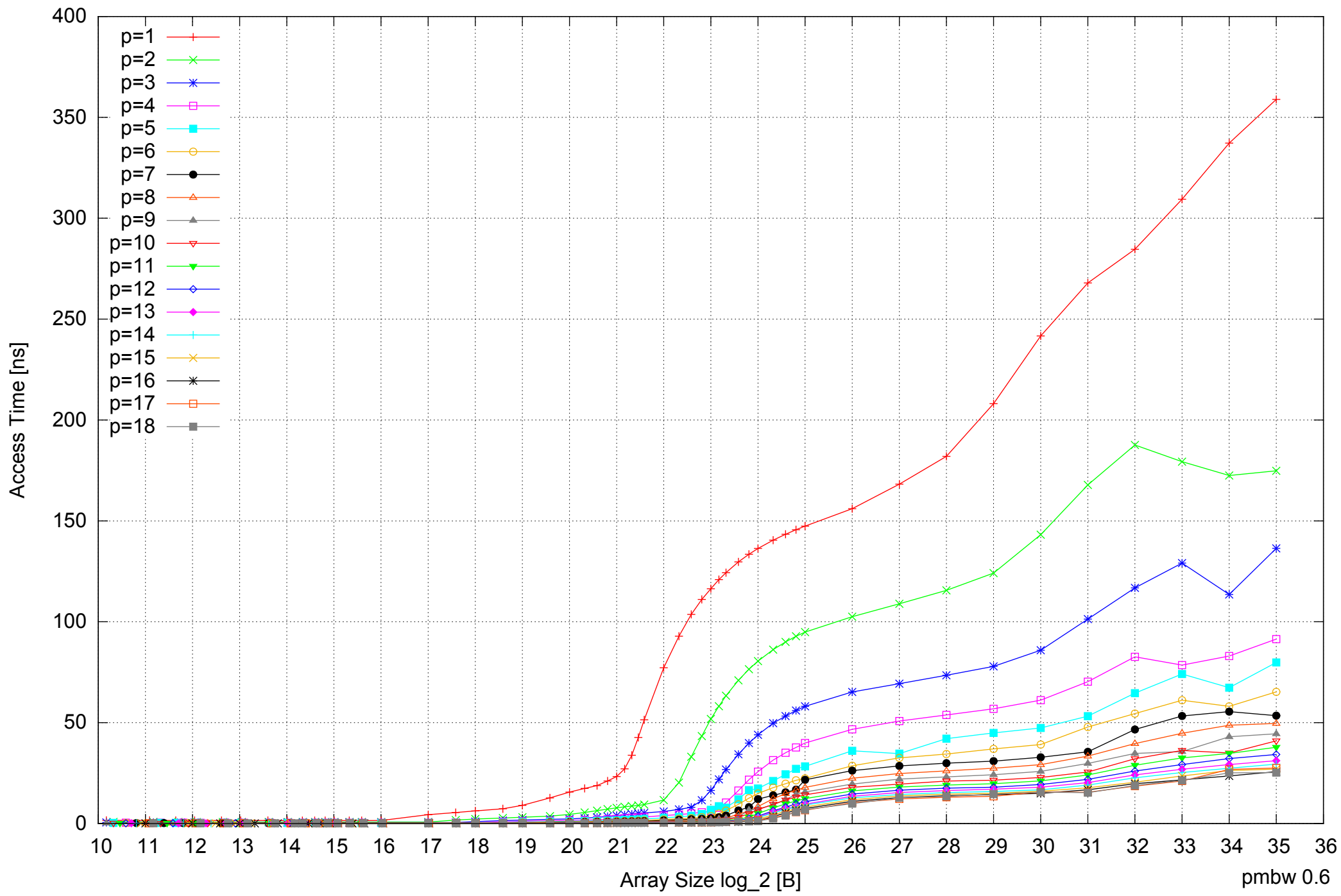
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - ScanRead32PtrUnrollLoop



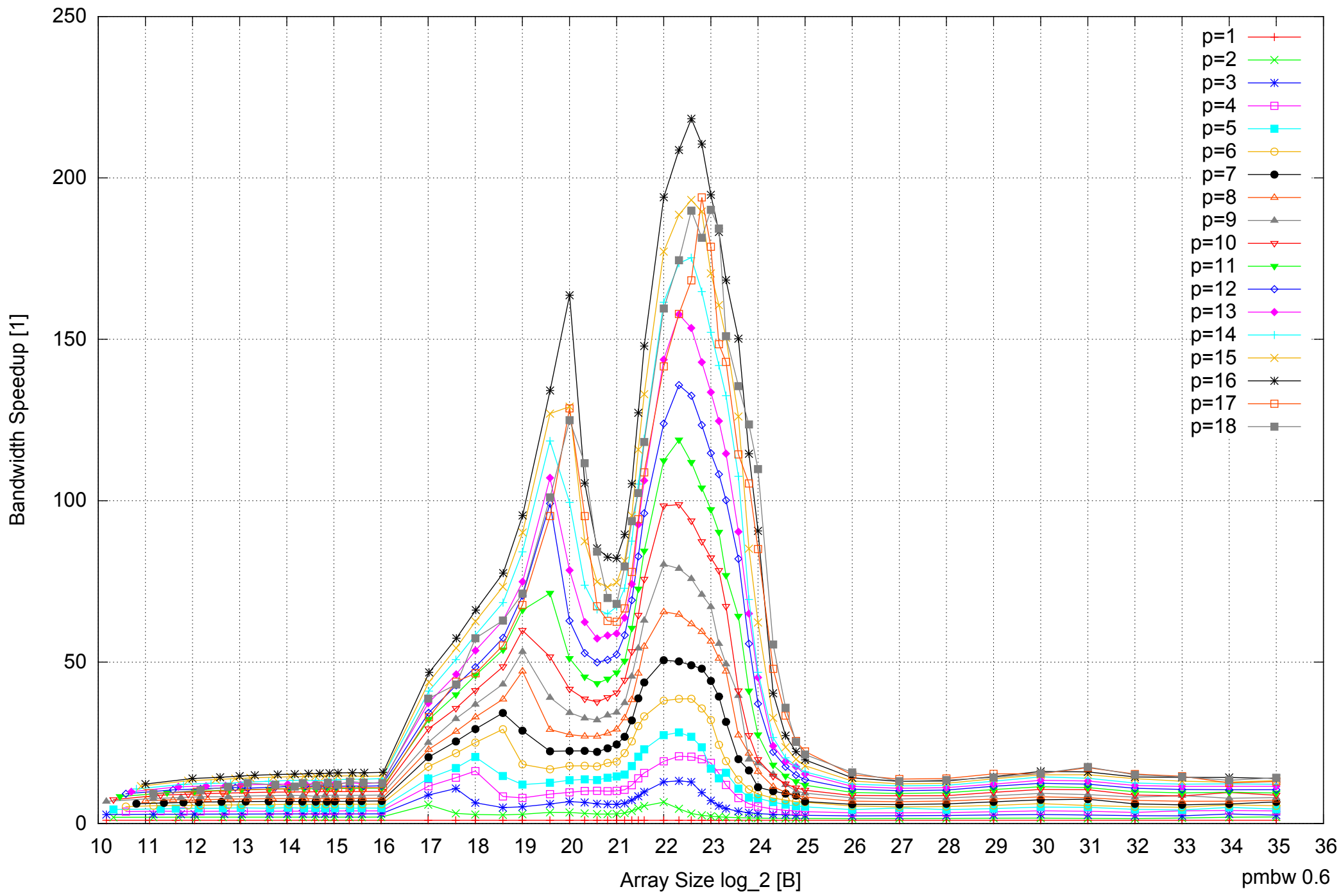
AMD Opteron 8350 64GB - Memory Bandwidth - PermRead64SimpleLoop



AMD Opteron 8350 64GB - Memory Latency - PermRead64SimpleLoop

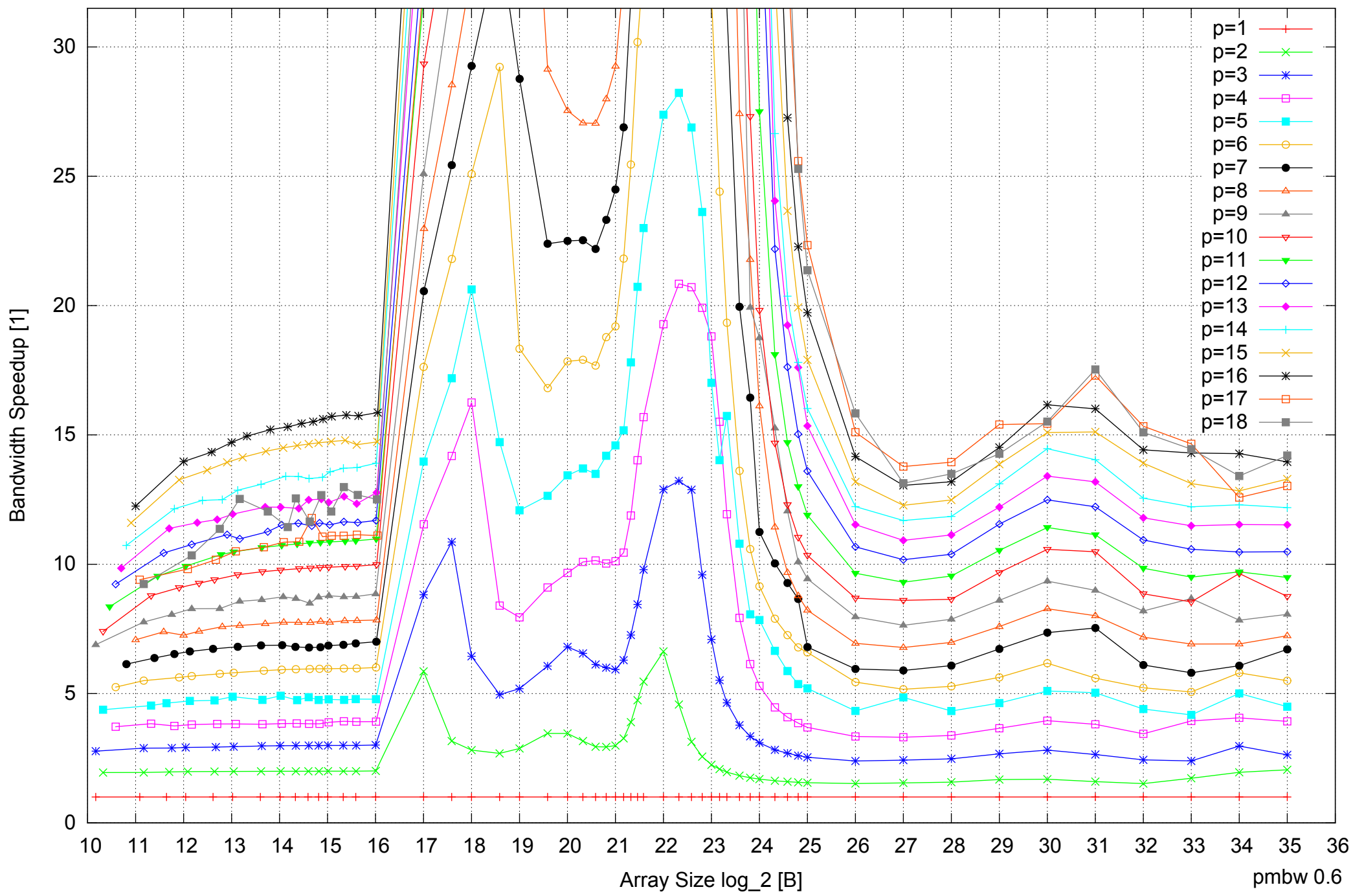


AMD Opteron 8350 64GB - Speedup of Memory Bandwidth - PermRead64SimpleLoop

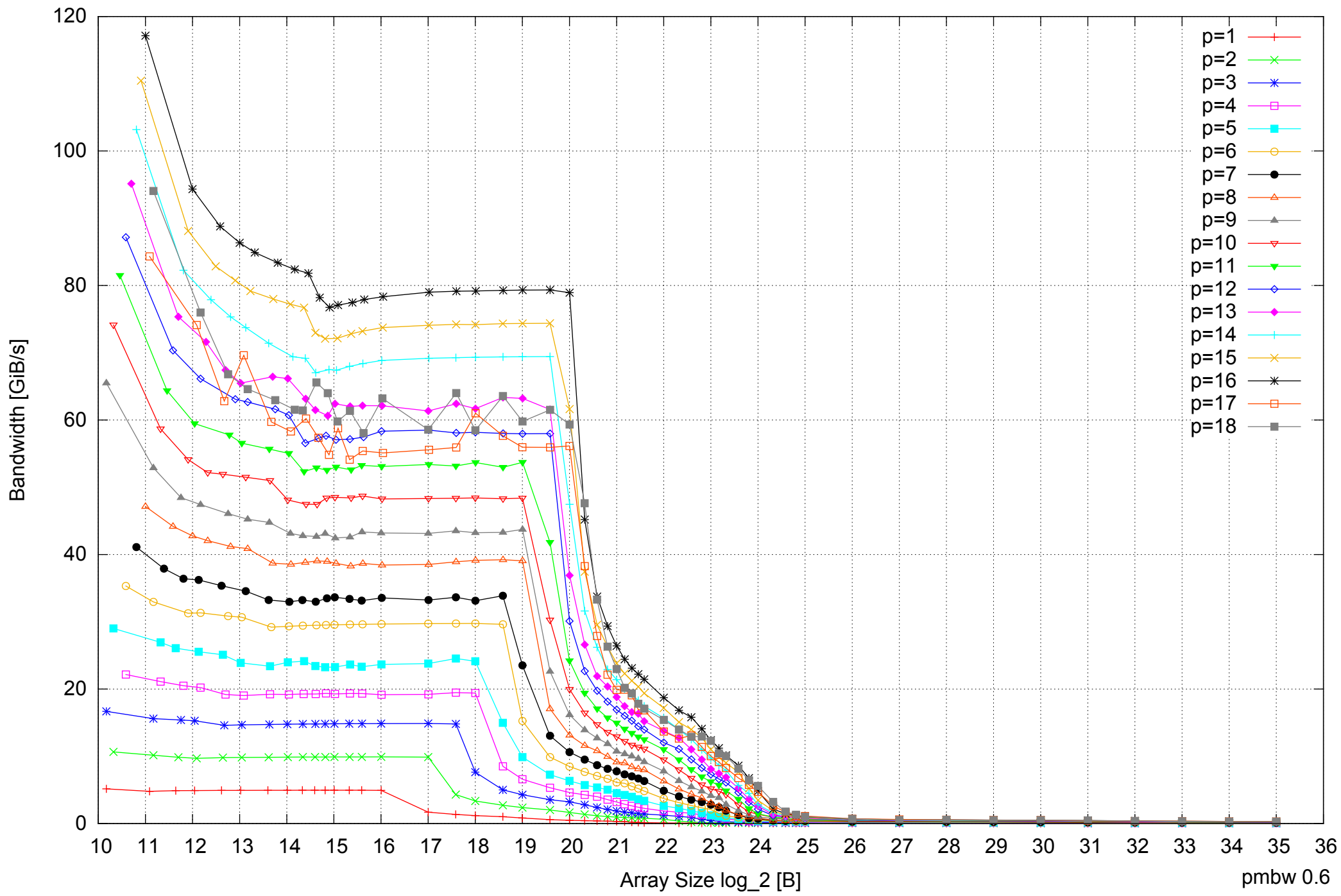




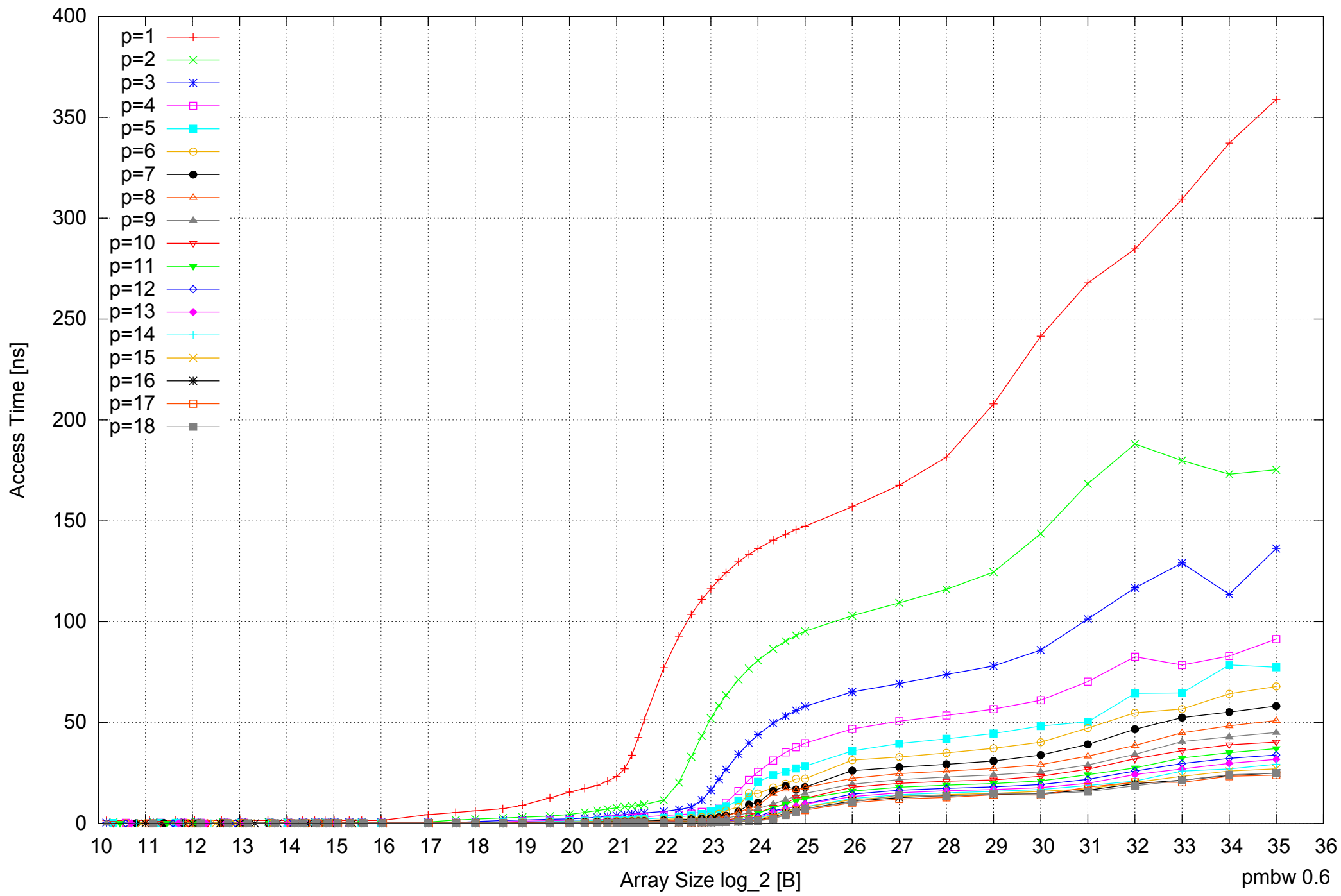
AMD Opteron 8350 64GB - Speedup of Memory Bandwidth (enlarged) - PermRead64SimpleLoop



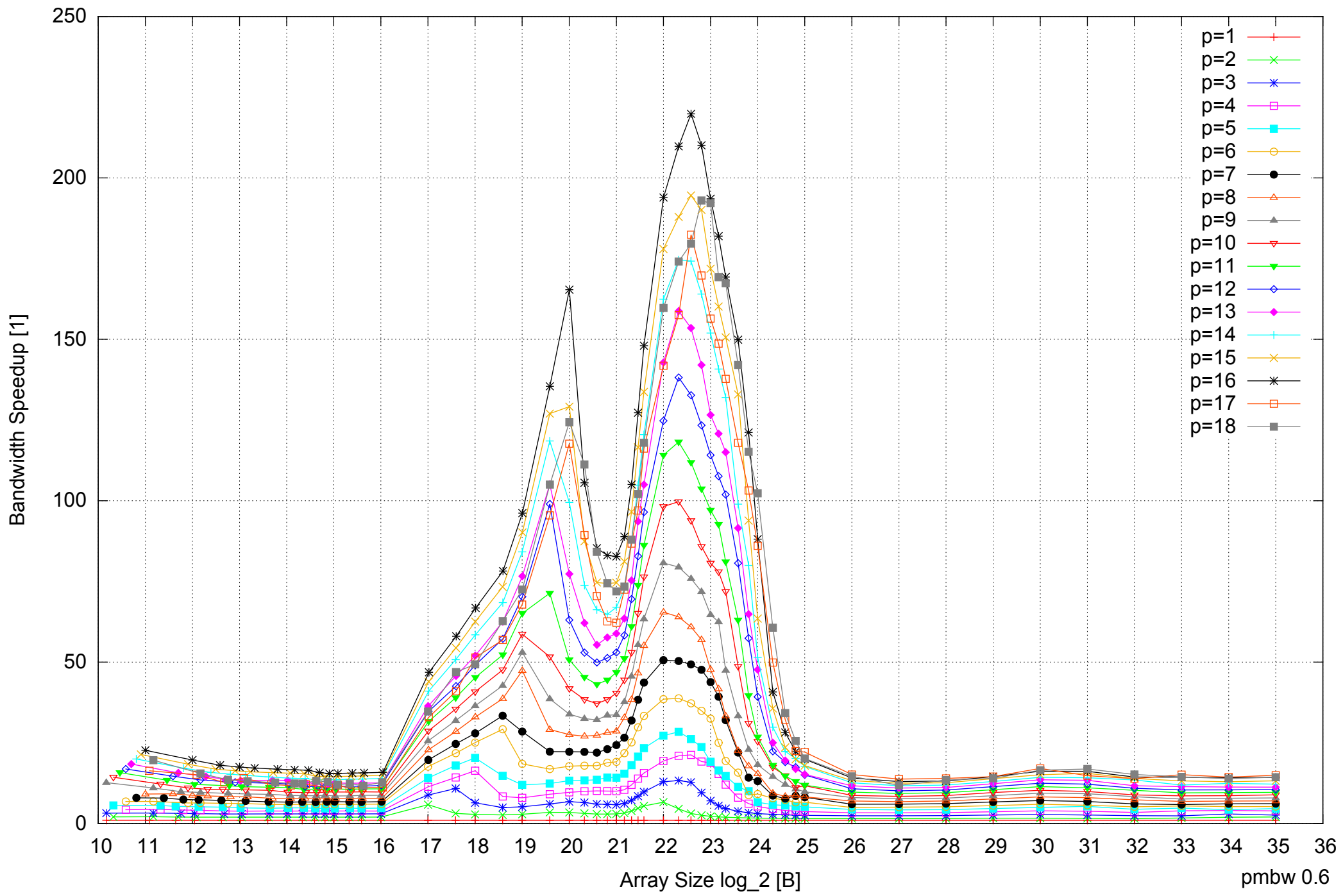
AMD Opteron 8350 64GB - Memory Bandwidth - PermRead64UnrollLoop



AMD Opteron 8350 64GB - Memory Latency - PermRead64UnrollLoop



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



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

