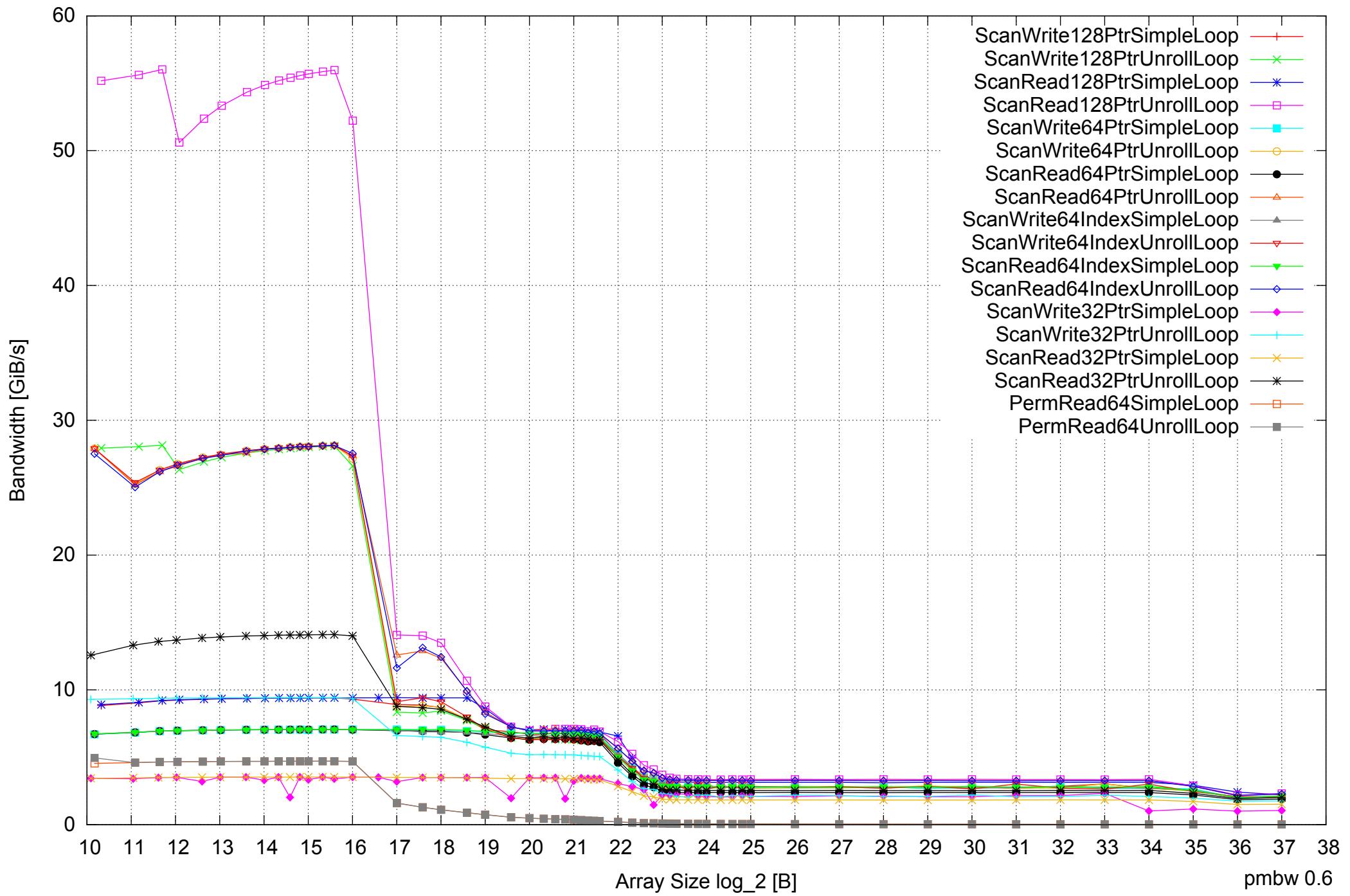
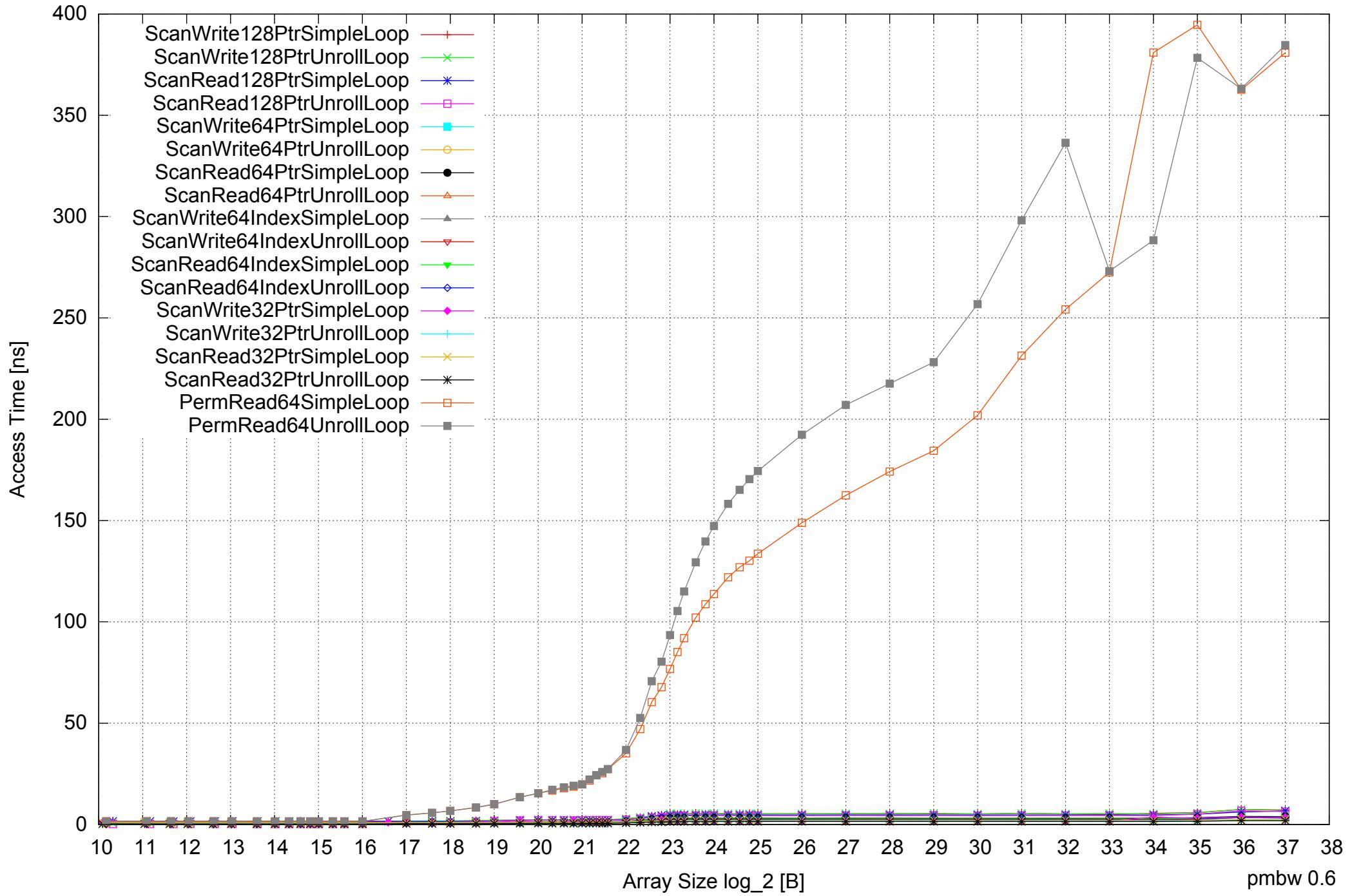


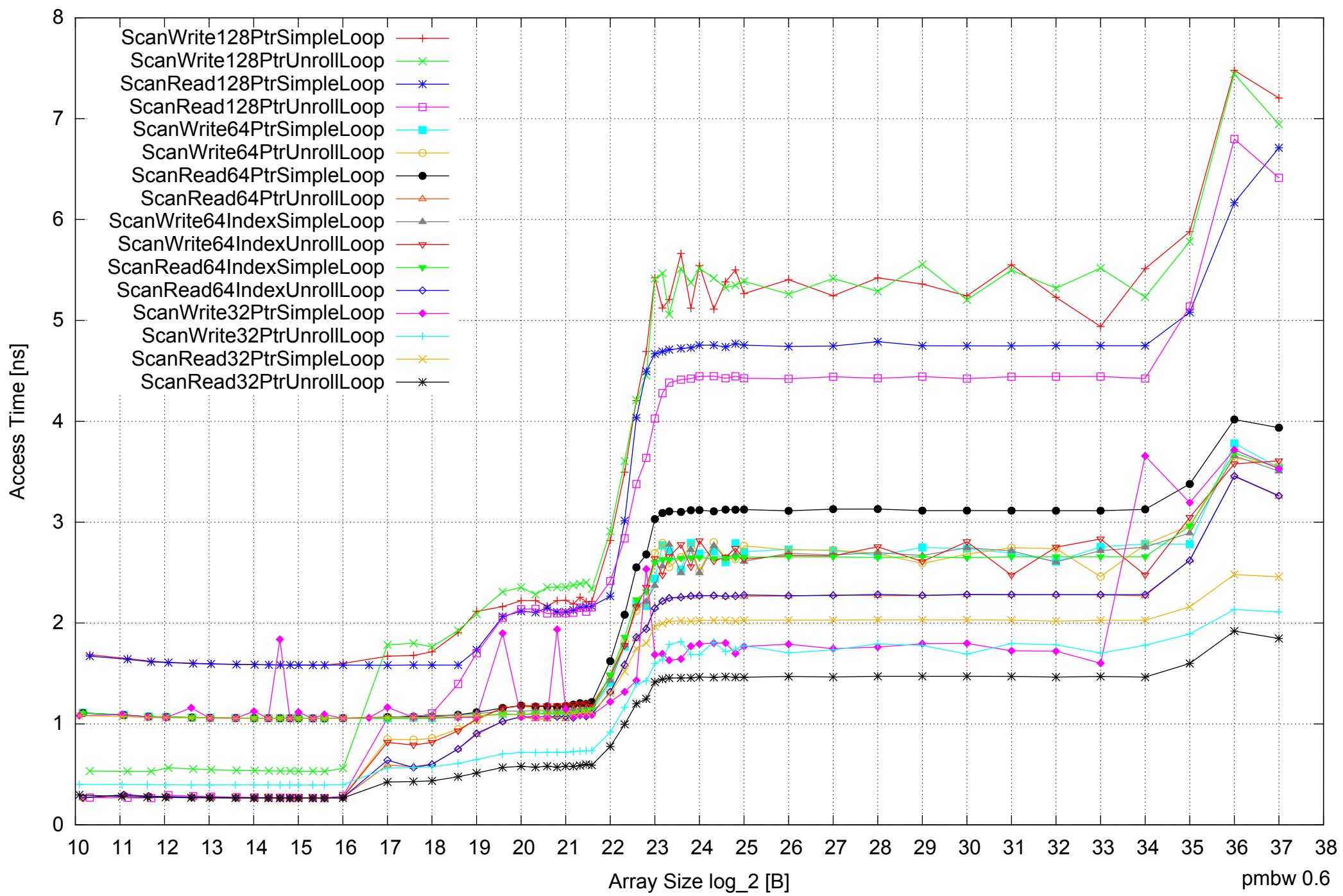
AMD Opteron 6168 256GB - One Thread Memory Bandwidth



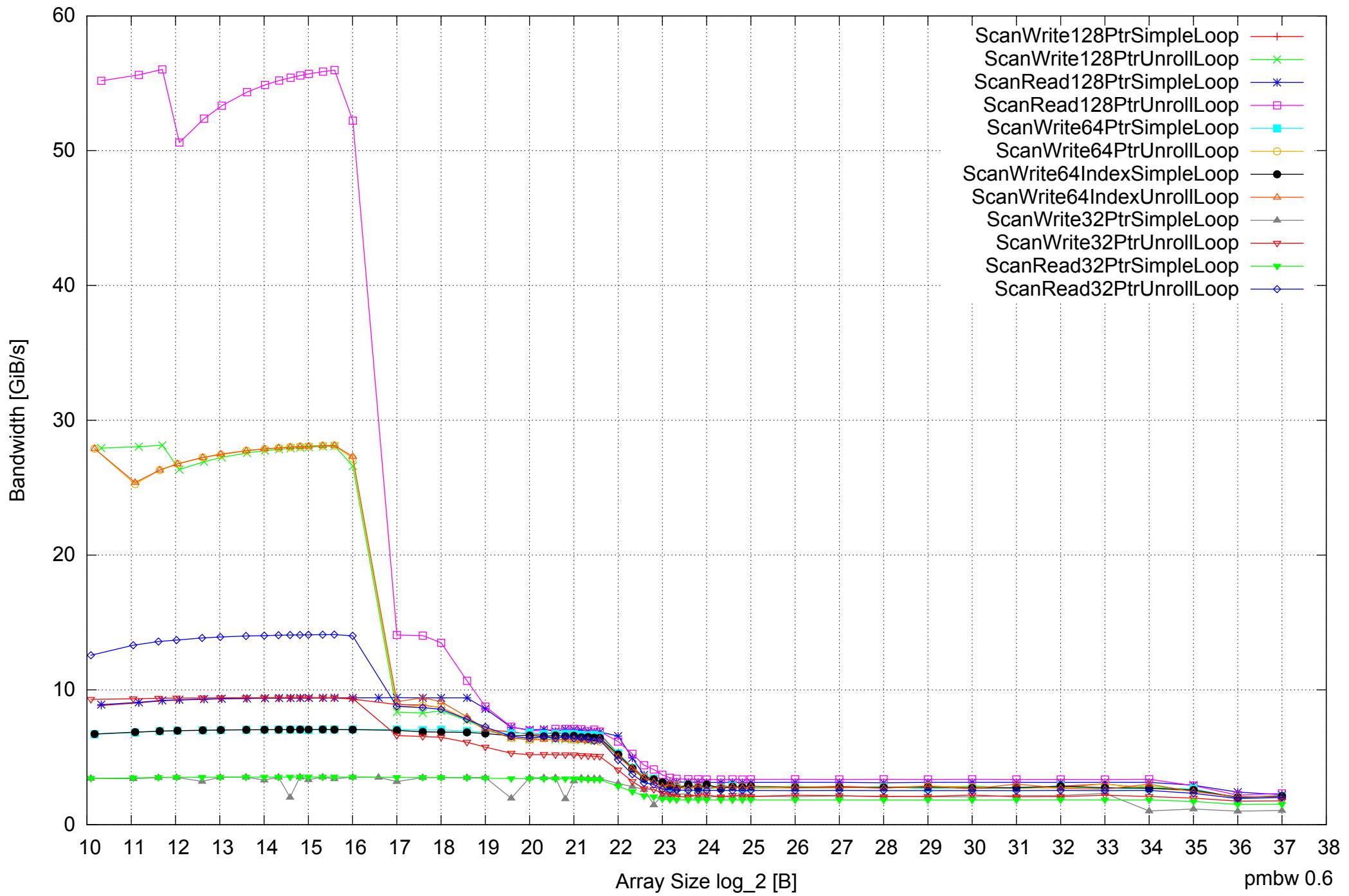
AMD Opteron 6168 256GB - One Thread Memory Latency



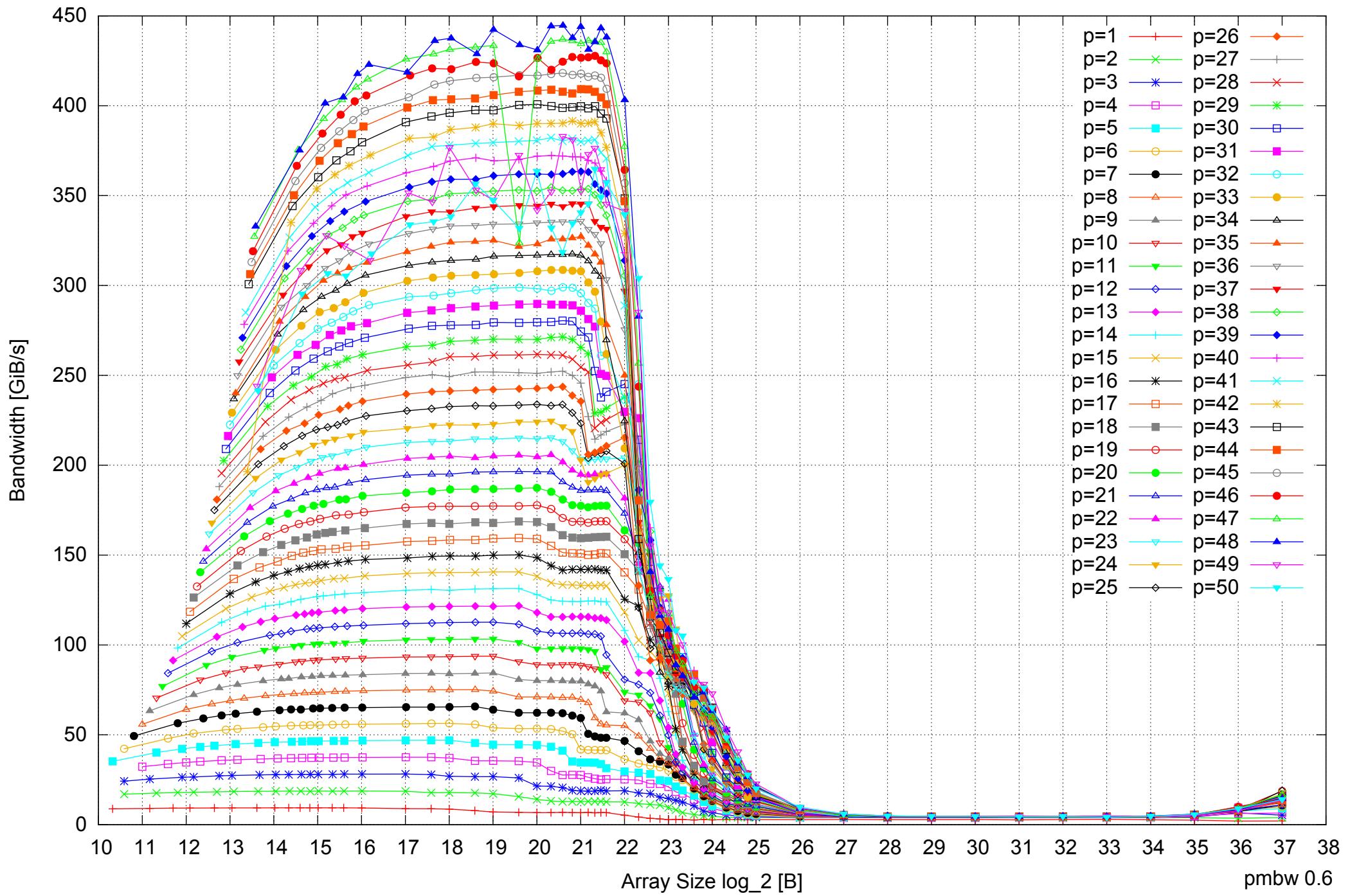
AMD Opteron 6168 256GB - One Thread Memory Latency (excluding Permutation)



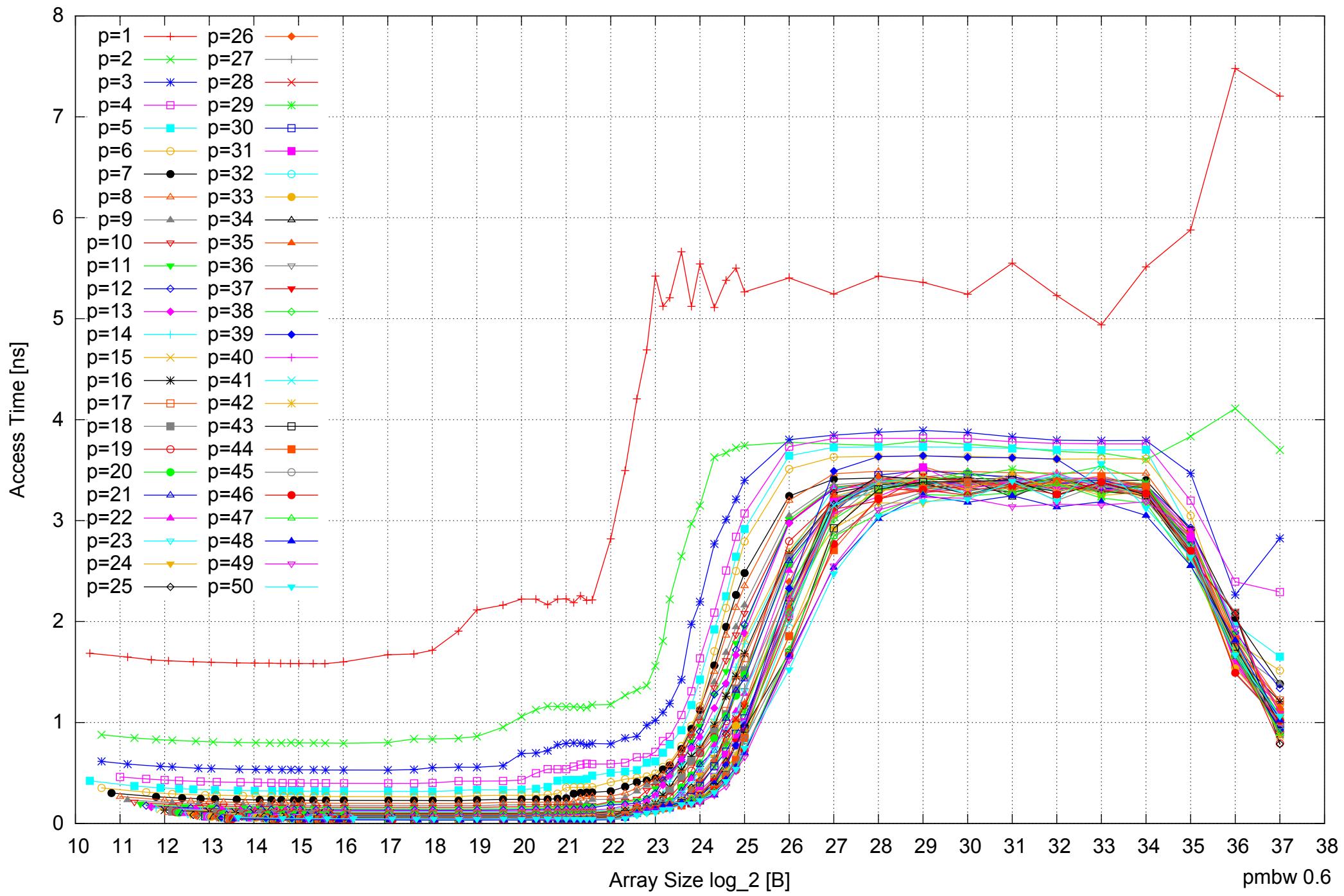
AMD Opteron 6168 256GB - One Thread Memory Bandwidth (only 64-bit Reads)



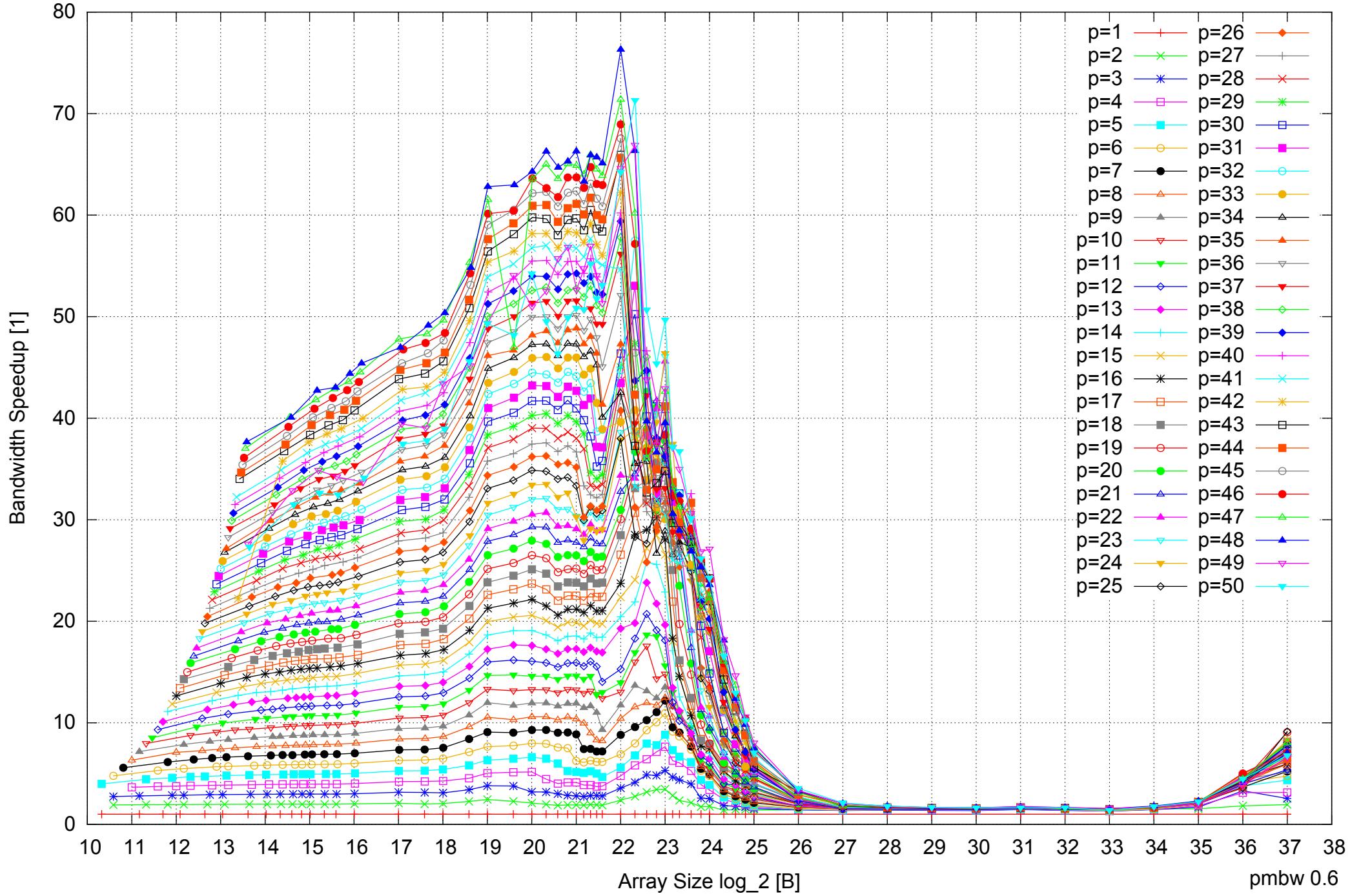
AMD Opteron 6168 256GB - Memory Bandwidth - ScanWrite128PtrSimpleLoop



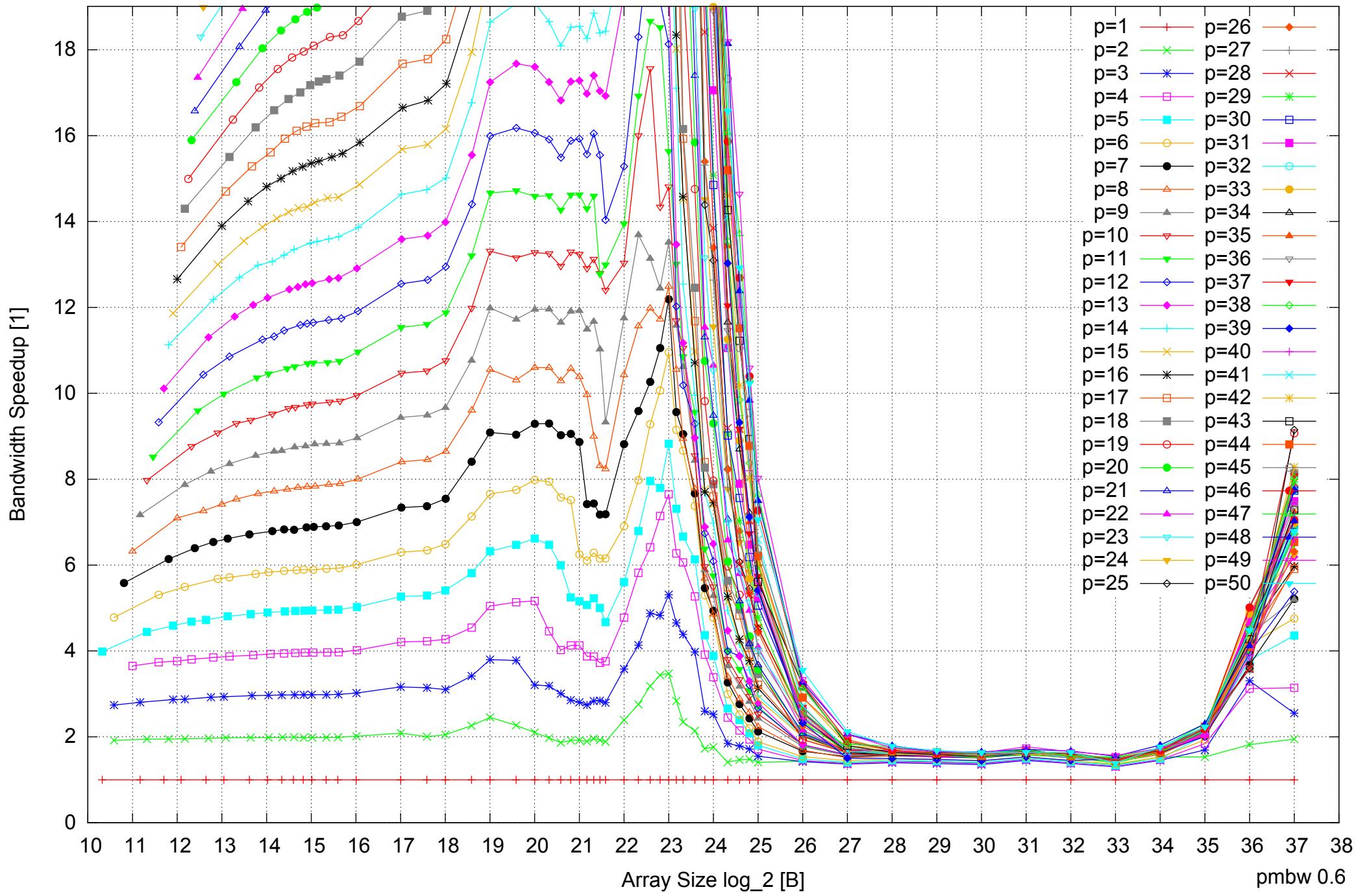
AMD Opteron 6168 256GB - Memory Latency - ScanWrite128PtrSimpleLoop



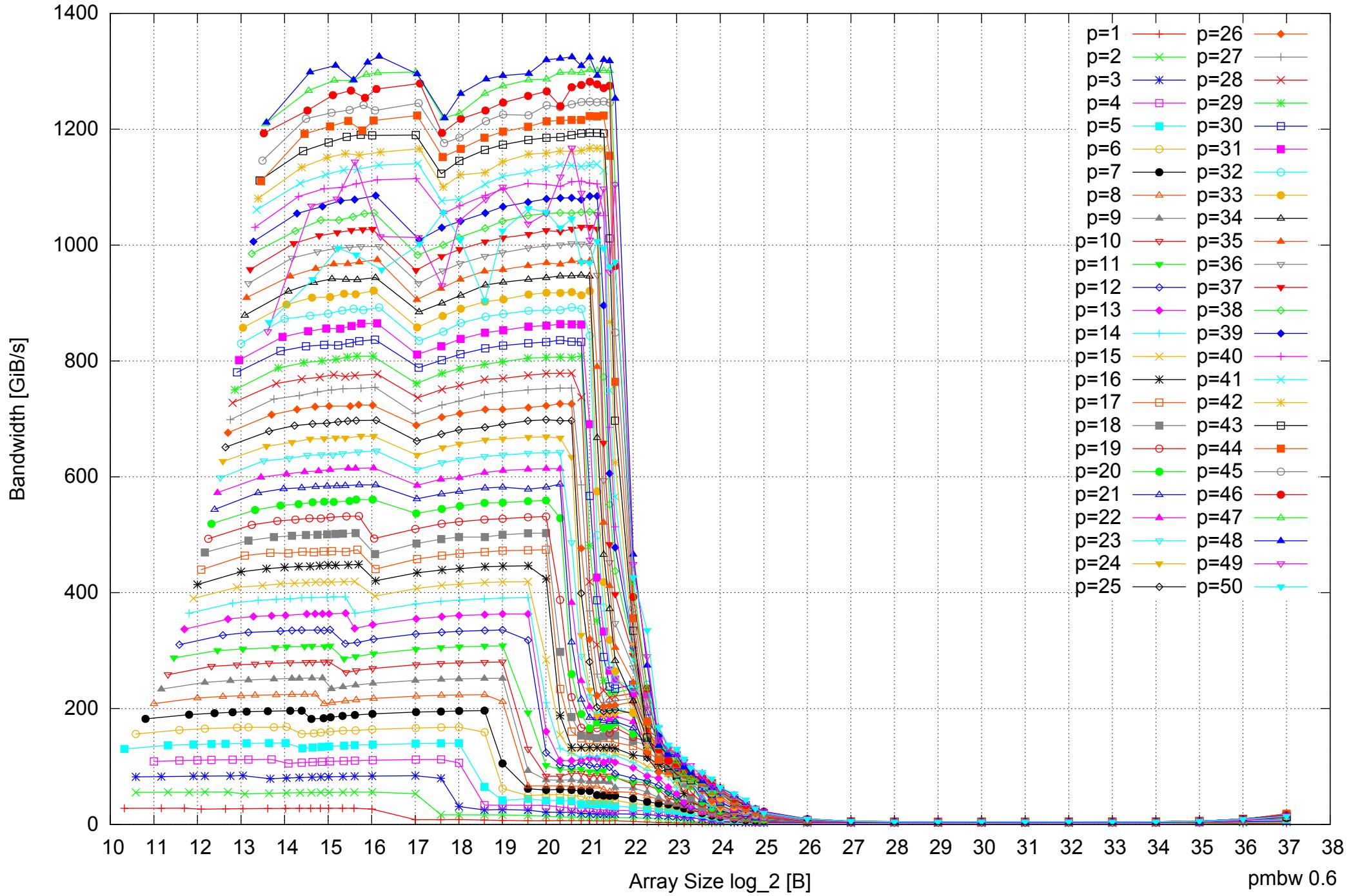
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanWrite128PtrSimpleLoop



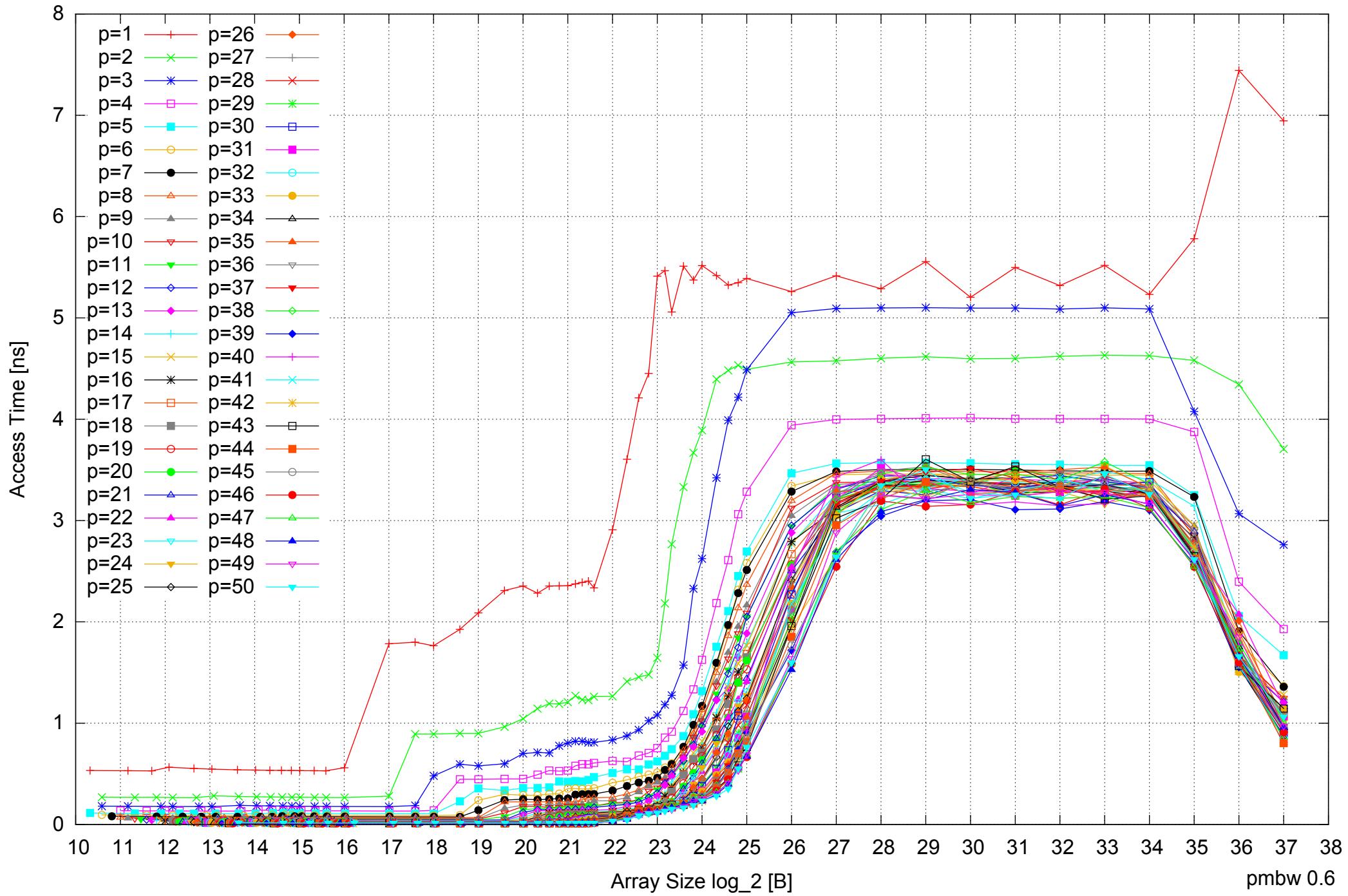
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite128PtrSimpleLoop



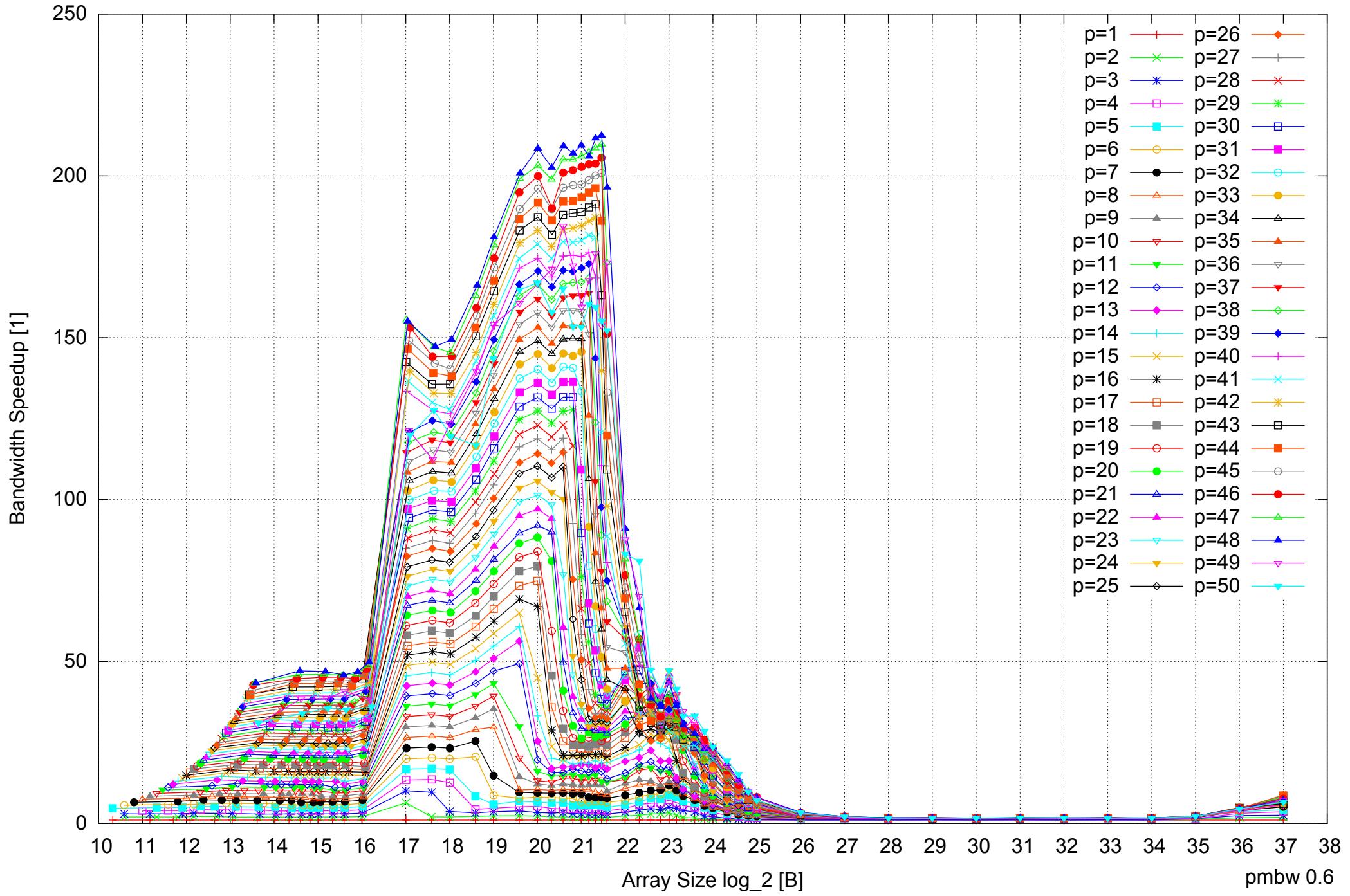
AMD Opteron 6168 256GB - Memory Bandwidth - ScanWrite128PtrUnrollLoop



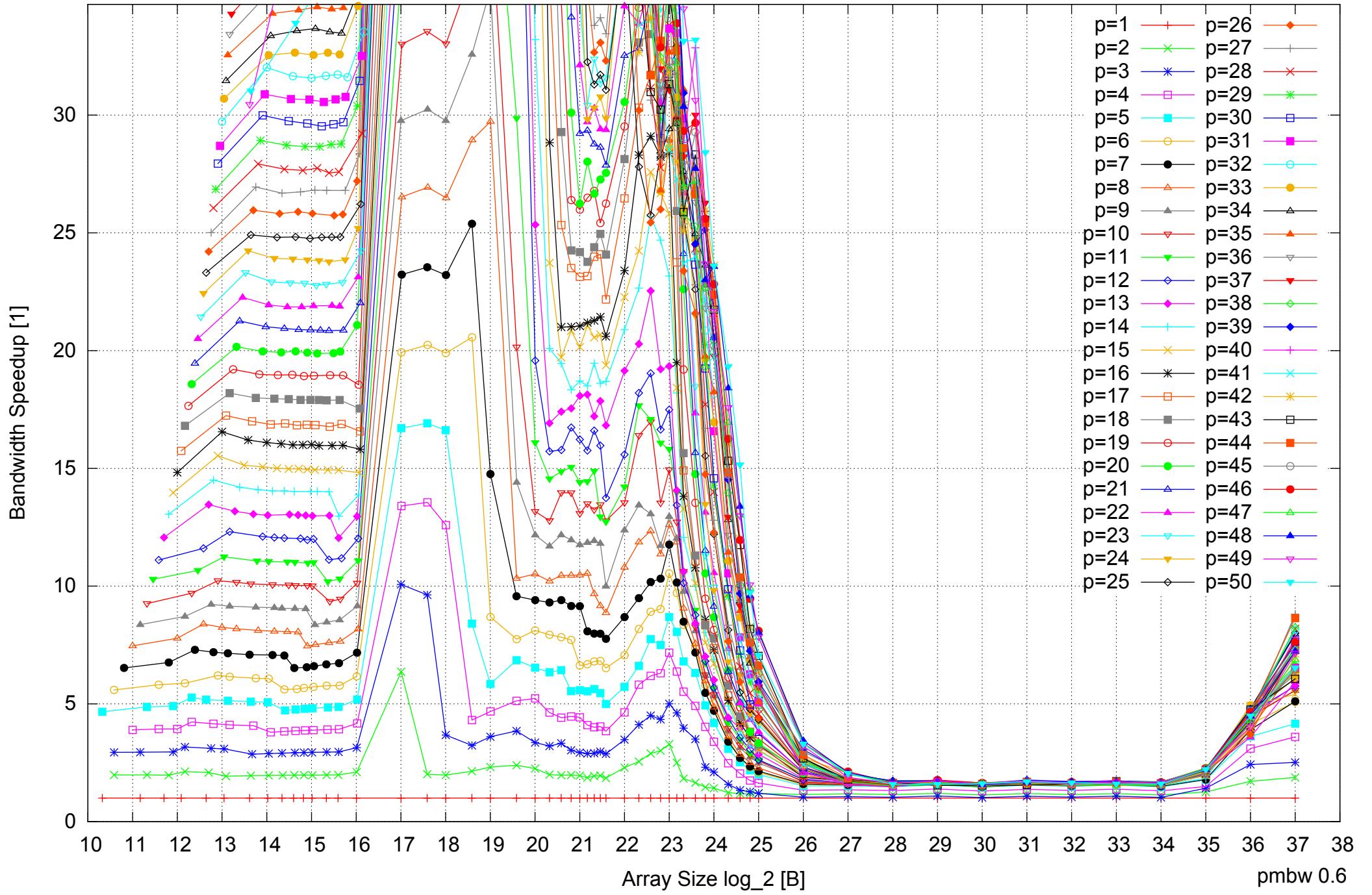
AMD Opteron 6168 256GB - Memory Latency - ScanWrite128PtrUnrollLoop



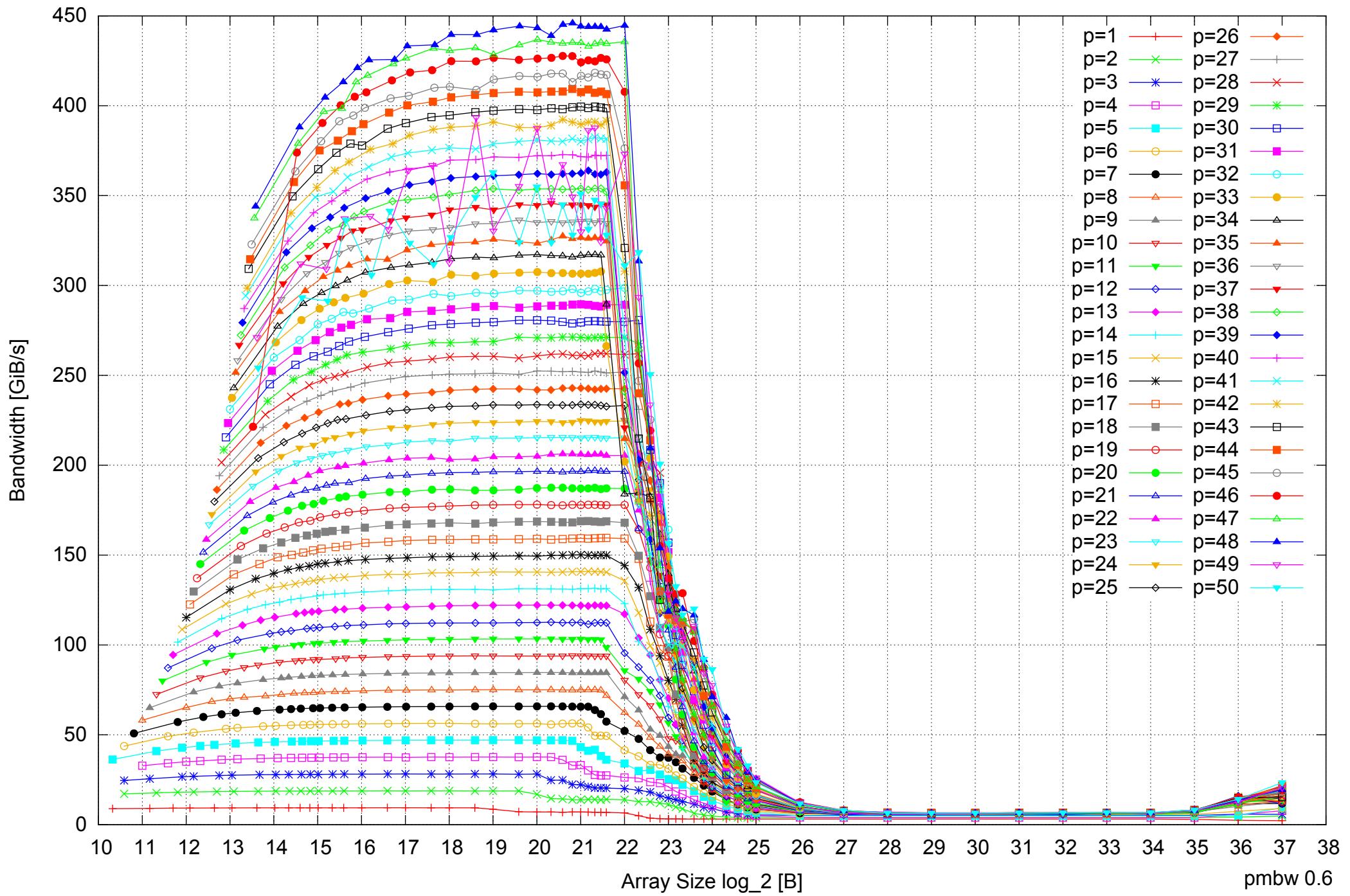
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanWrite128PtrUnrollLoop



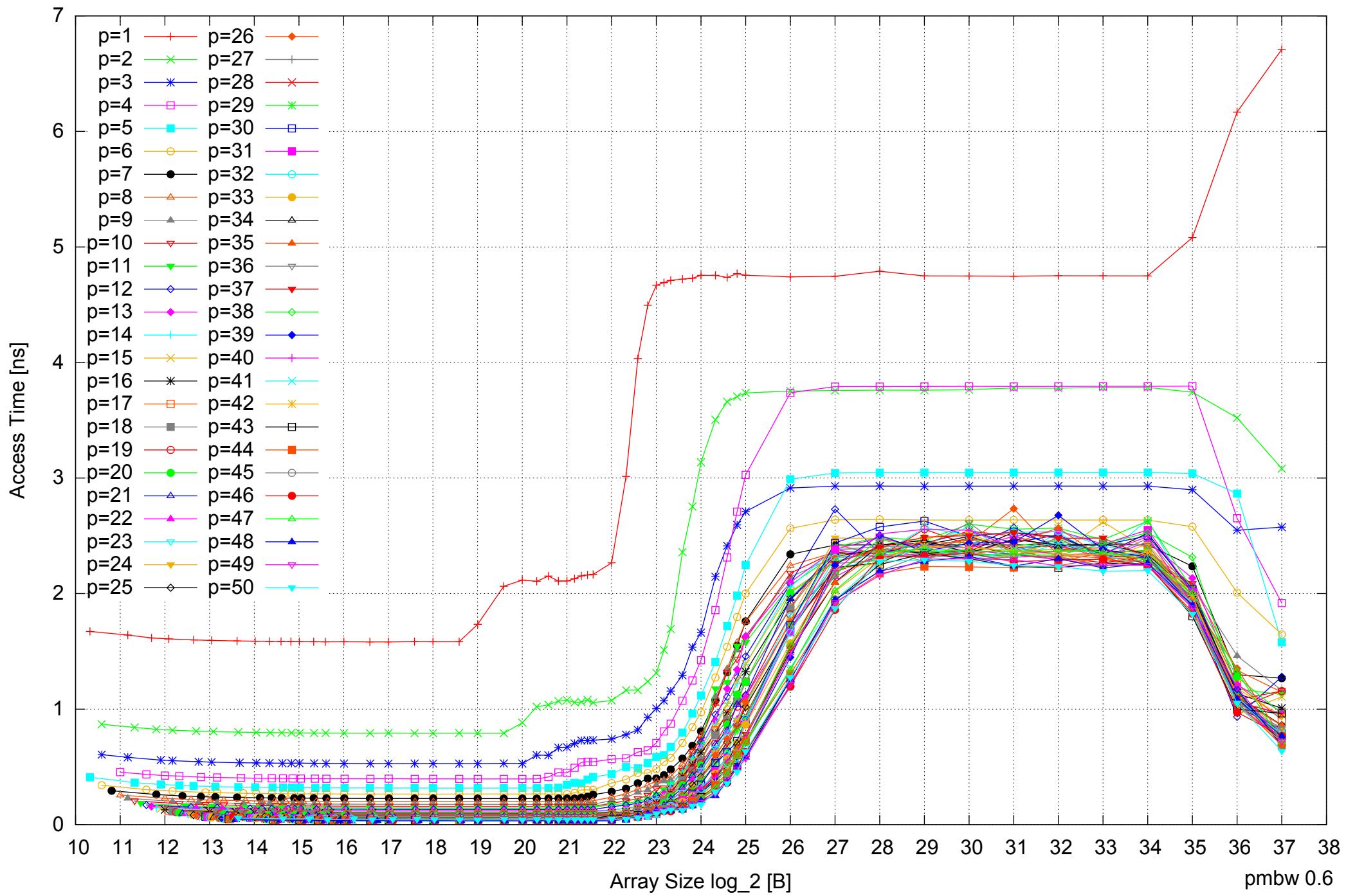
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite128PtrUnrollLoop



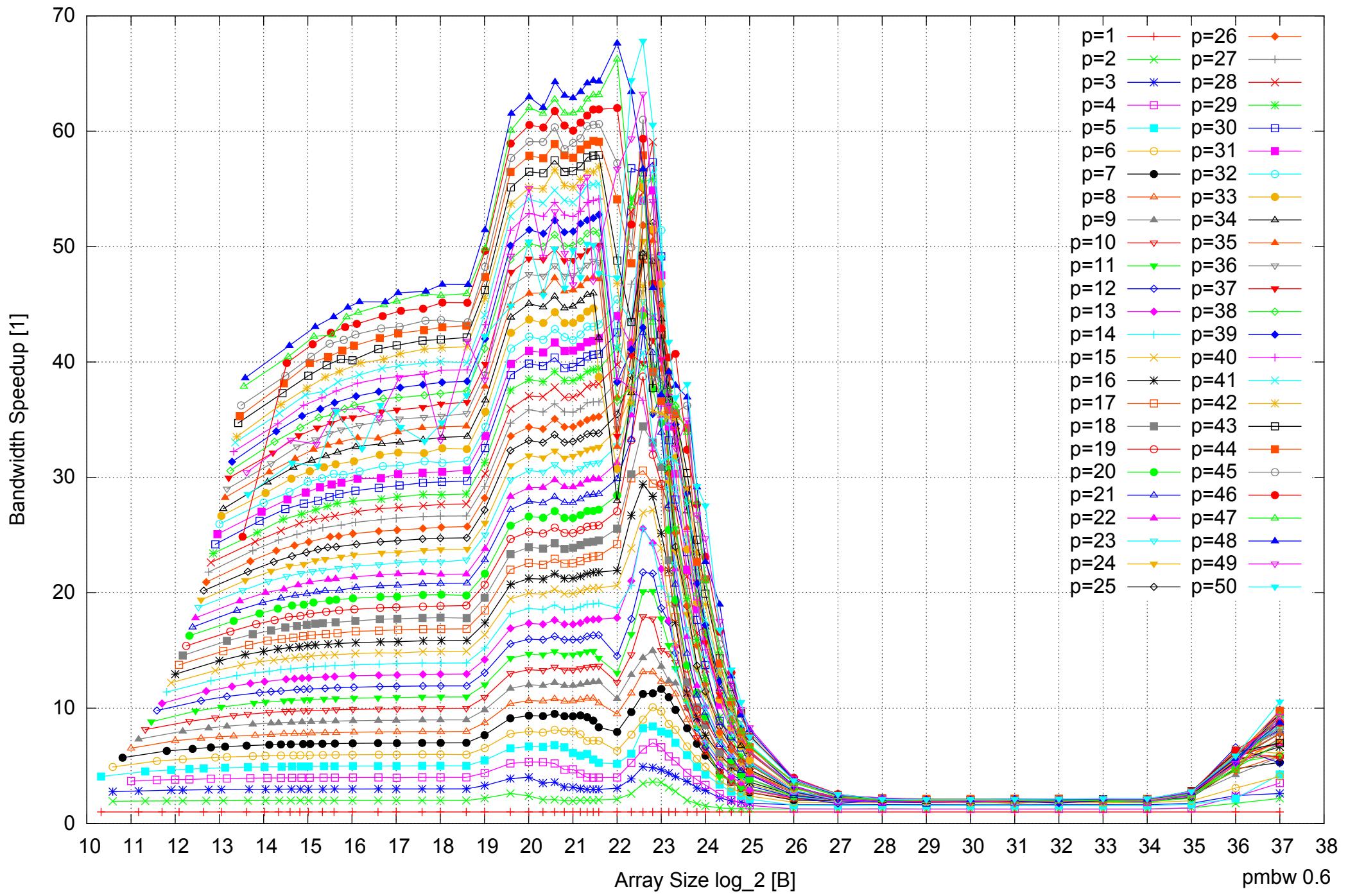
AMD Opteron 6168 256GB - Memory Bandwidth - ScanRead128PtrSimpleLoop



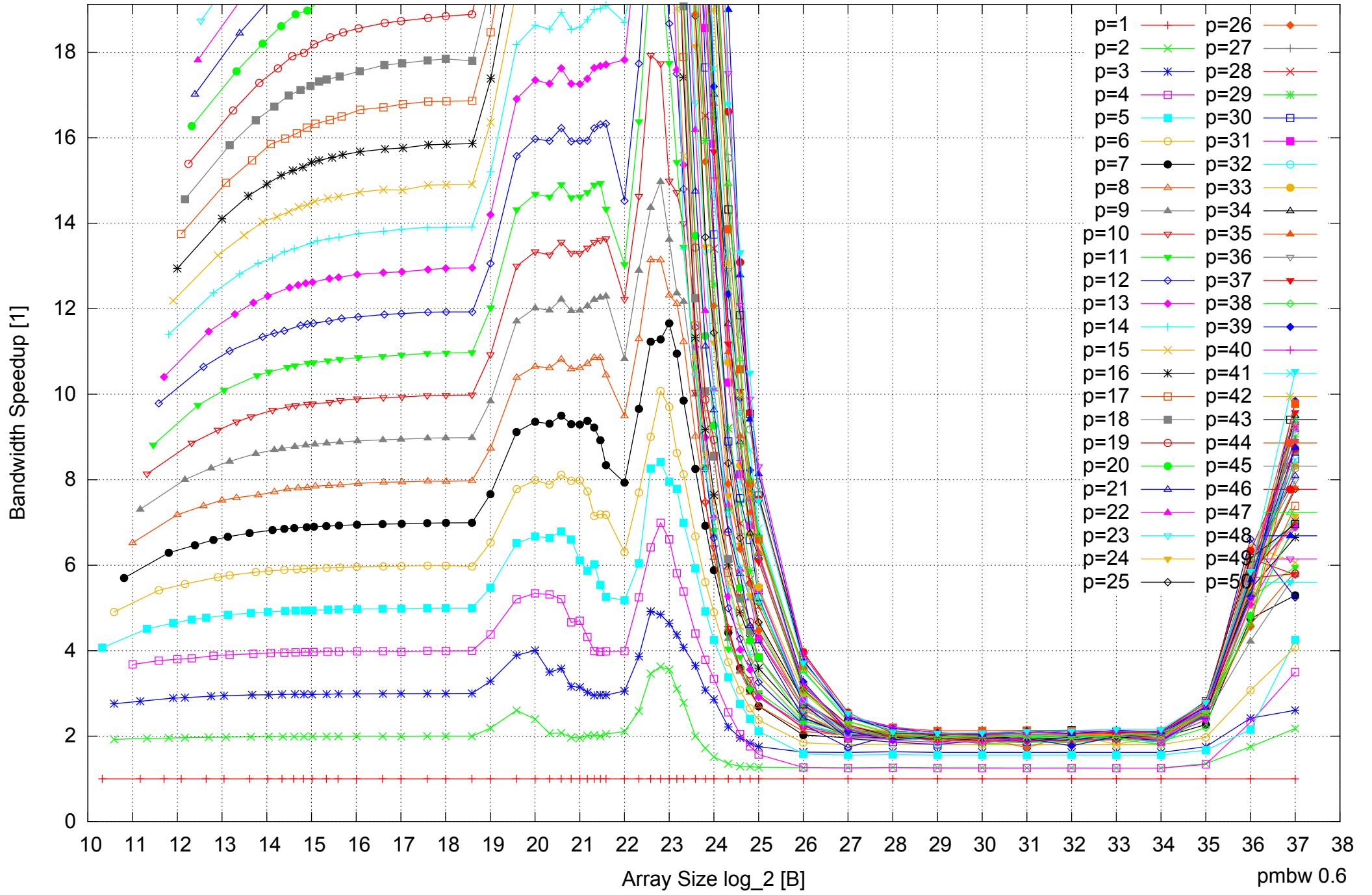
AMD Opteron 6168 256GB - Memory Latency - ScanRead128PtrSimpleLoop



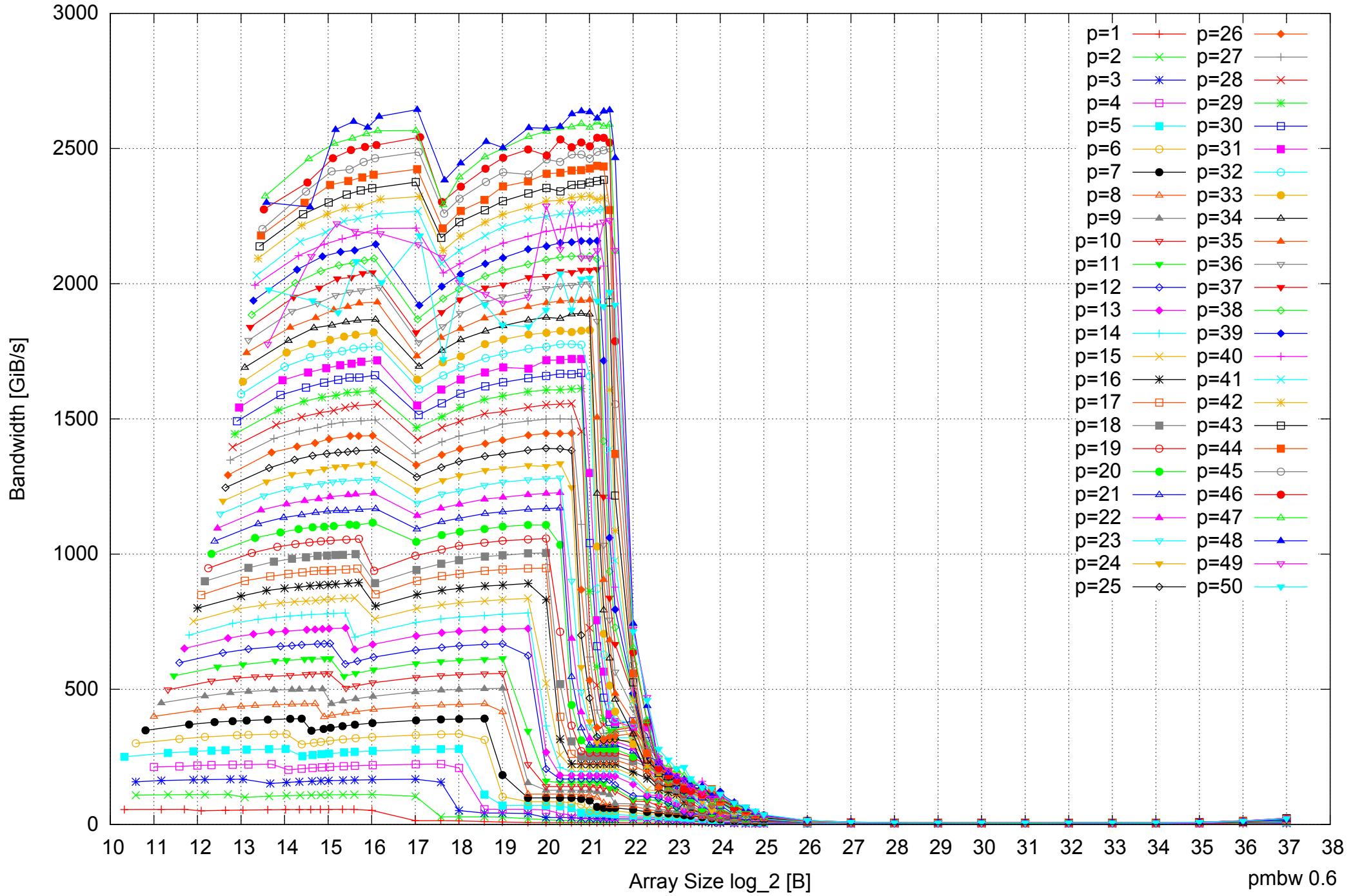
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanRead128PtrSimpleLoop



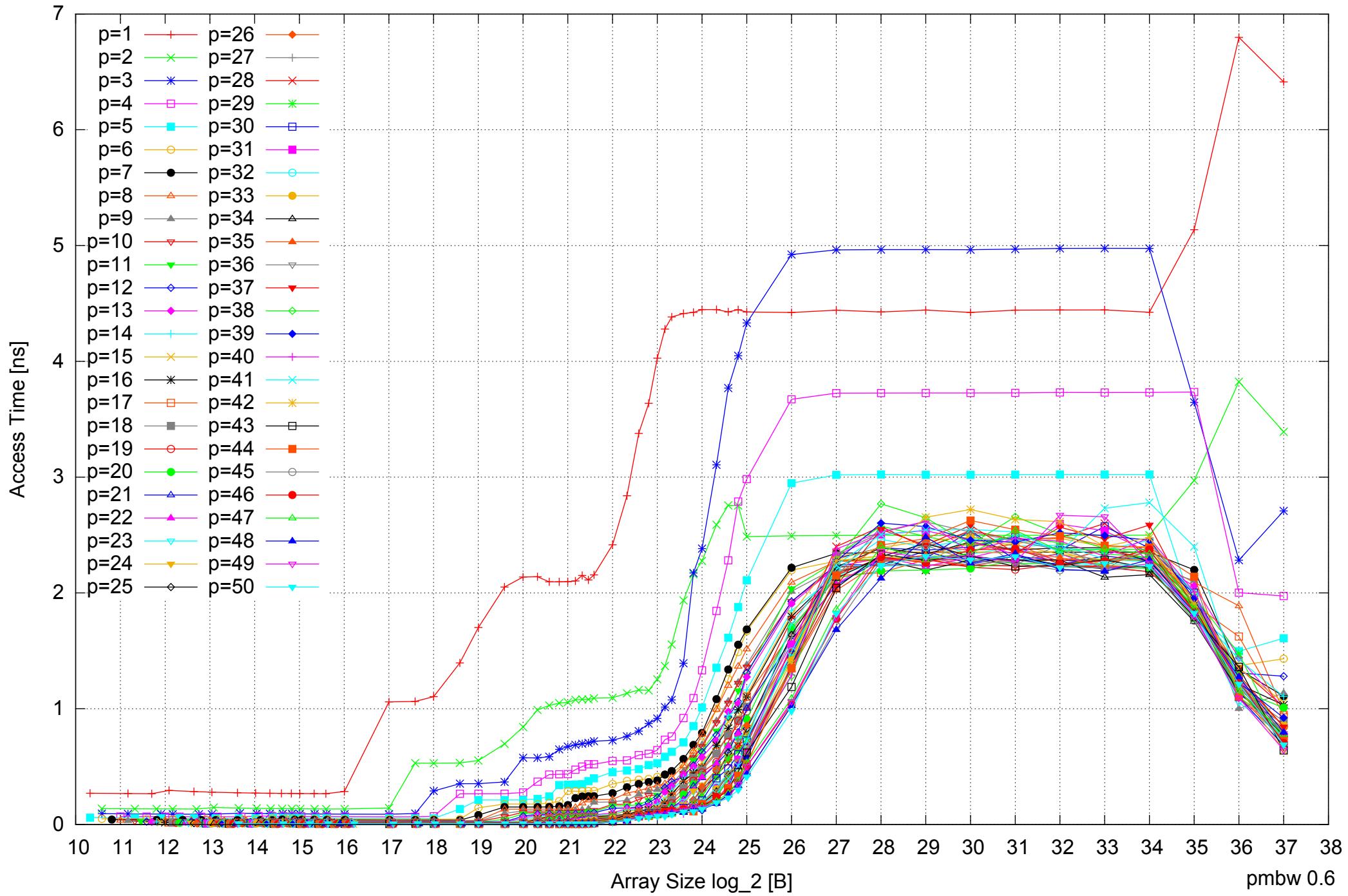
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanRead128PtrSimpleLoop



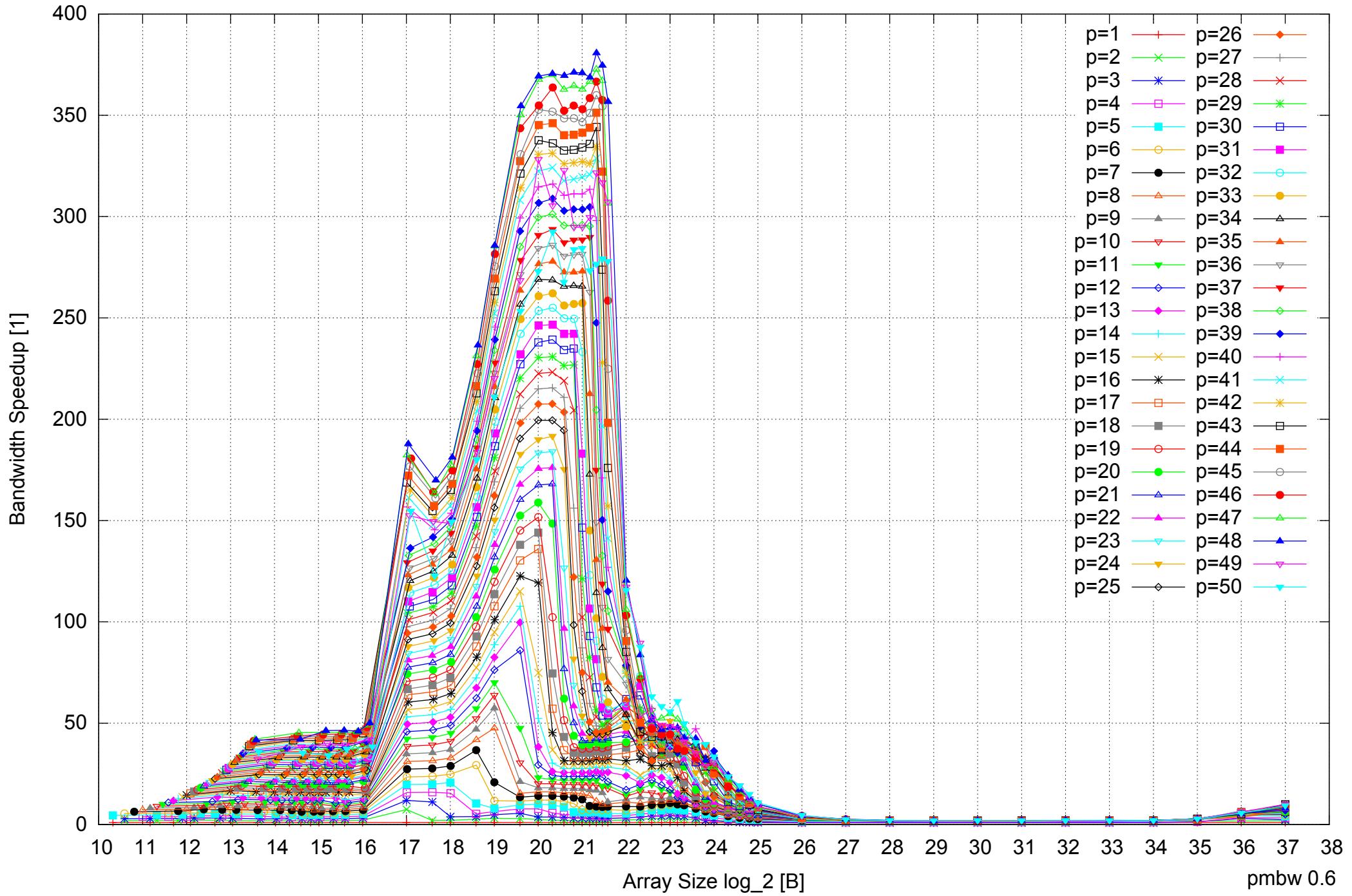
AMD Opteron 6168 256GB - Memory Bandwidth - ScanRead128PtrUnrollLoop



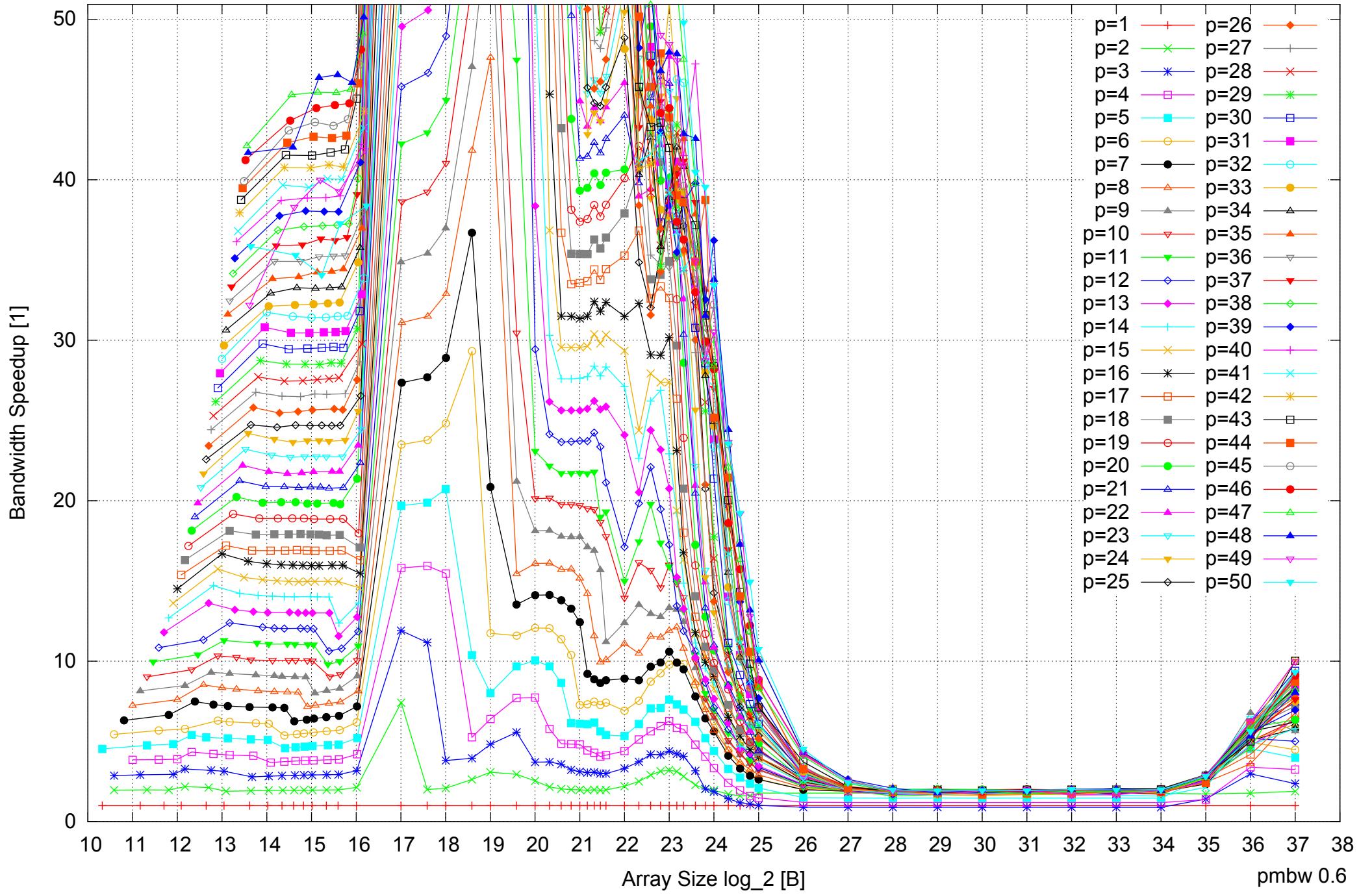
AMD Opteron 6168 256GB - Memory Latency - ScanRead128PtrUnrollLoop



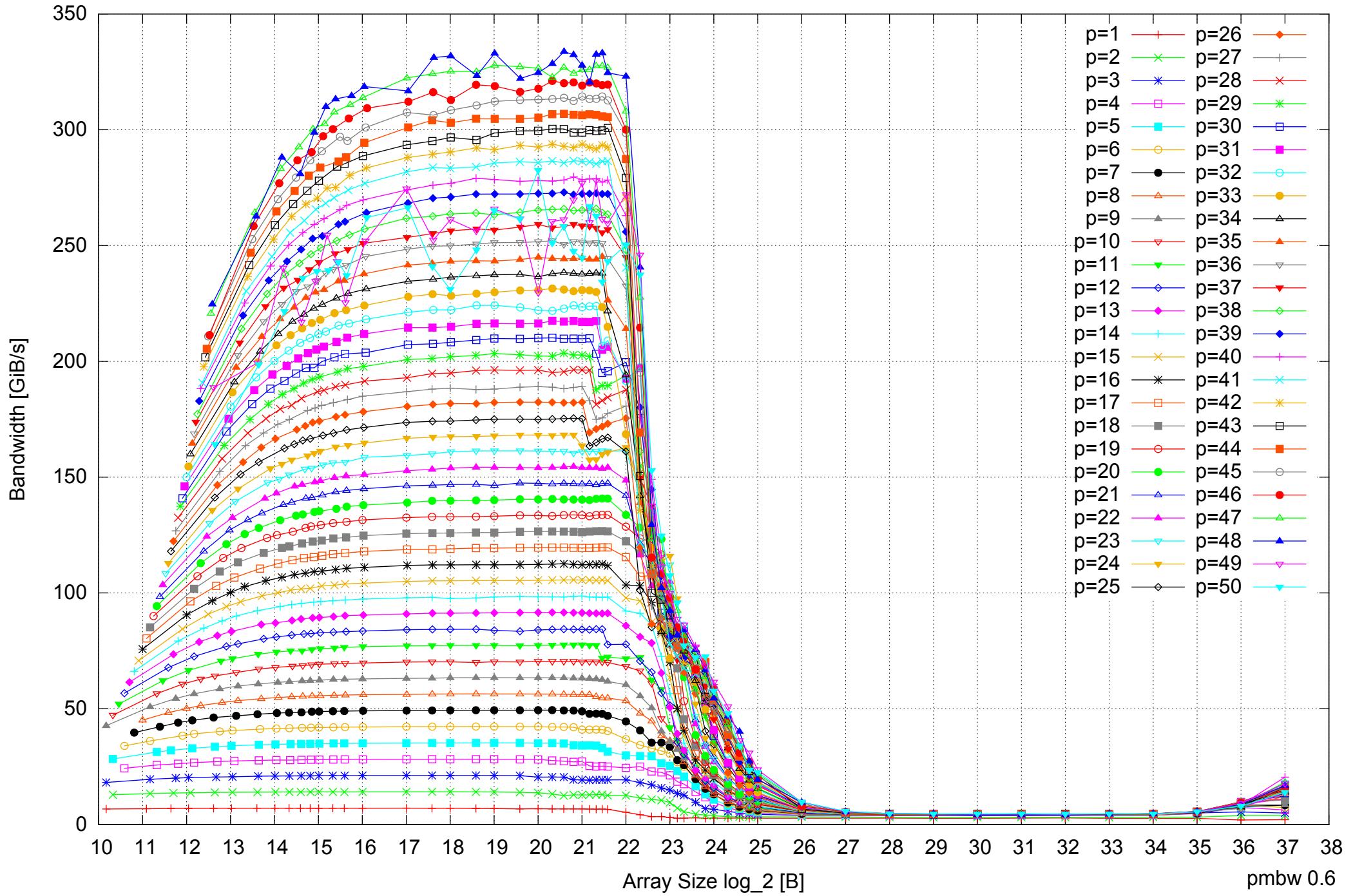
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanRead128PtrUnrollLoop



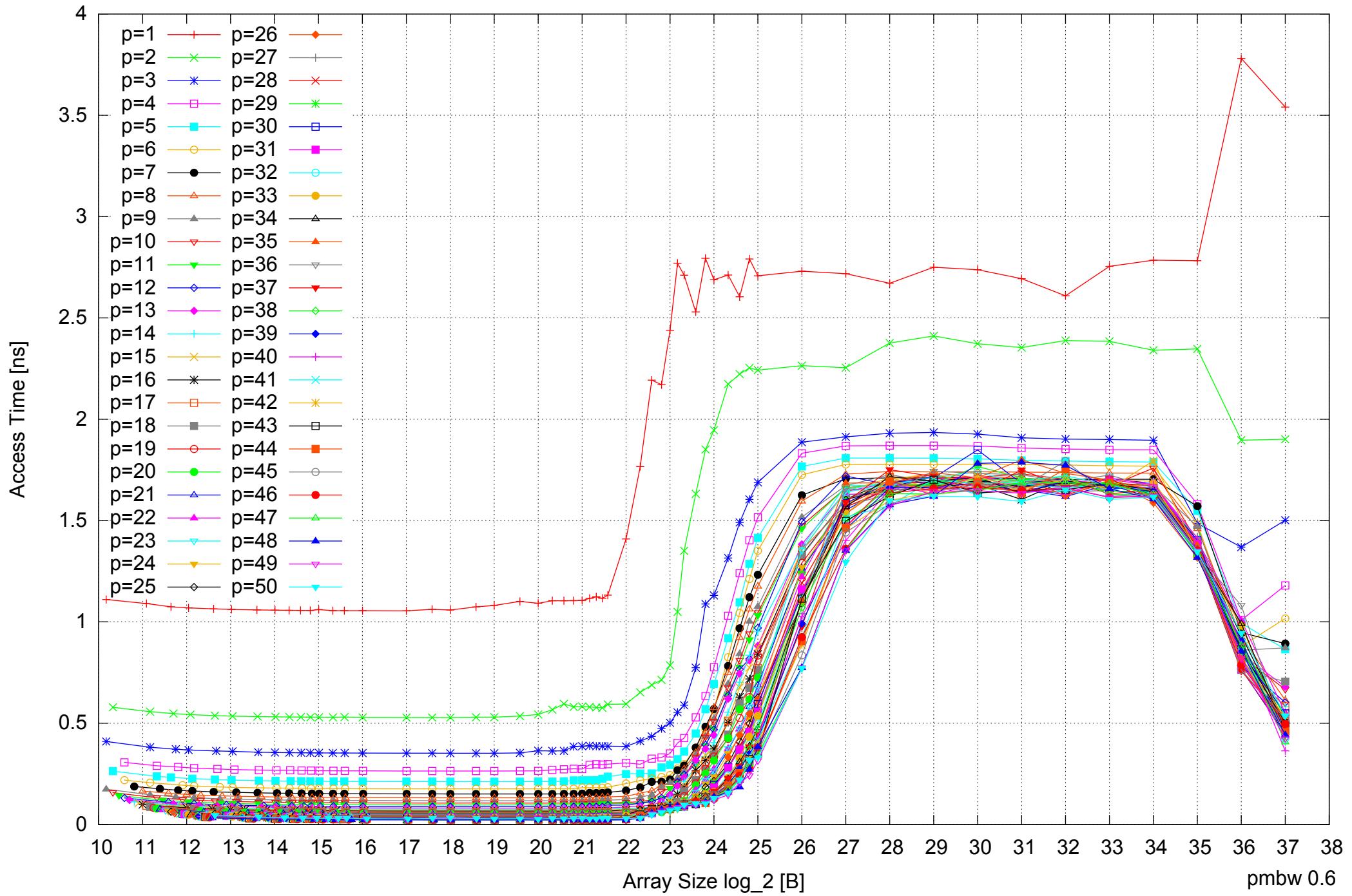
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanRead128PtrUnrollLoop



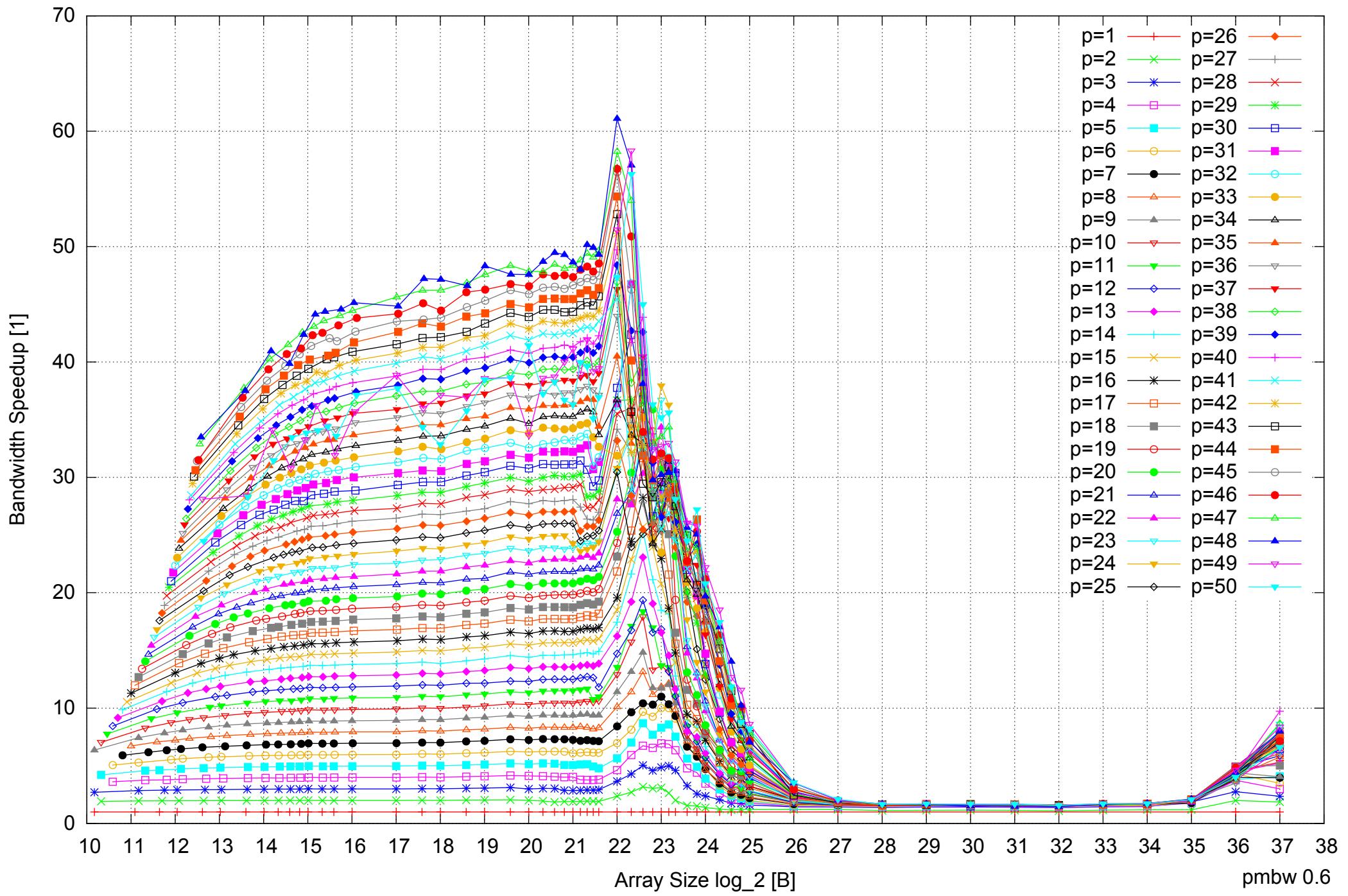
AMD Opteron 6168 256GB - Memory Bandwidth - ScanWrite64PtrSimpleLoop



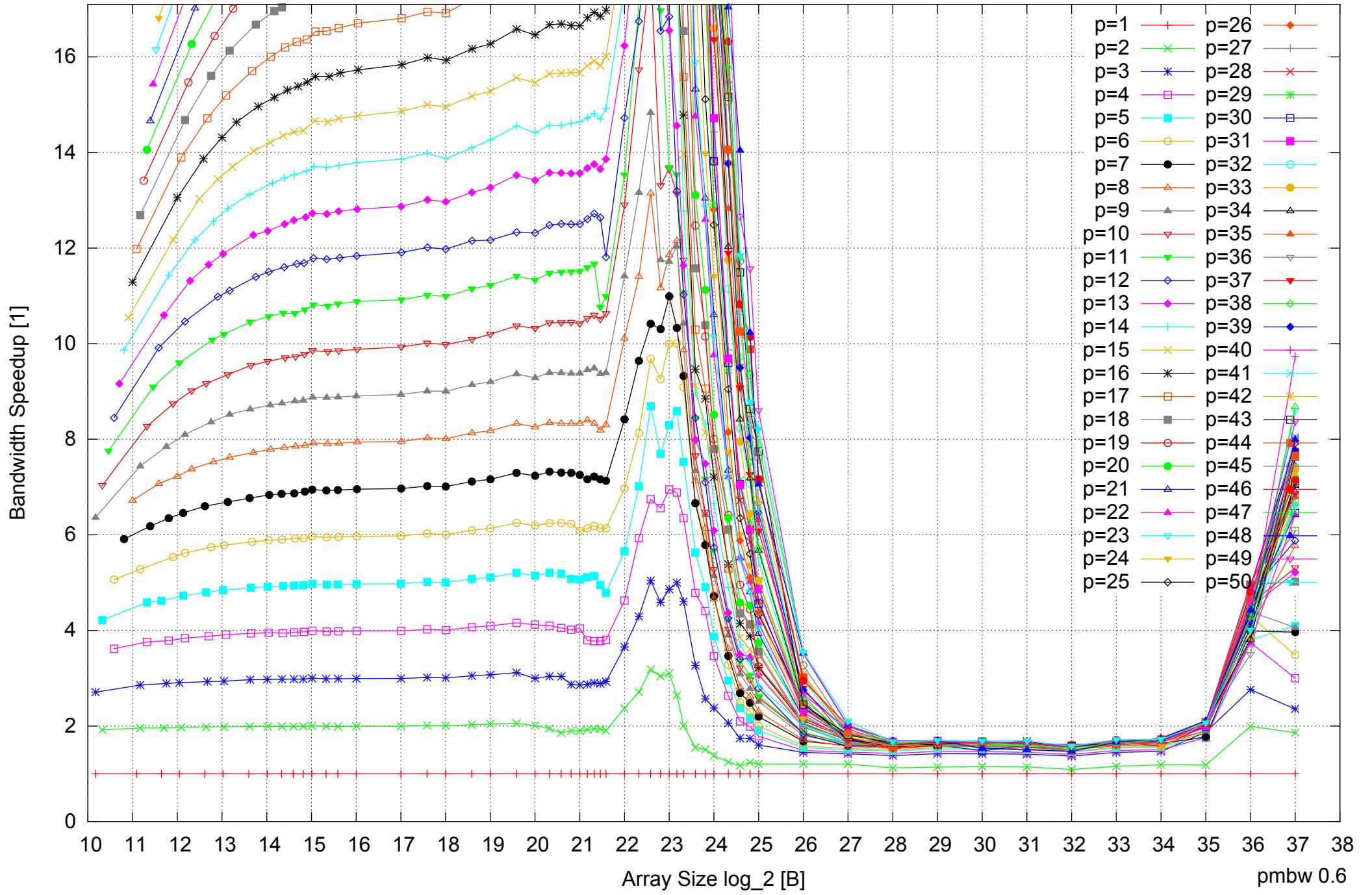
AMD Opteron 6168 256GB - Memory Latency - ScanWrite64PtrSimpleLoop



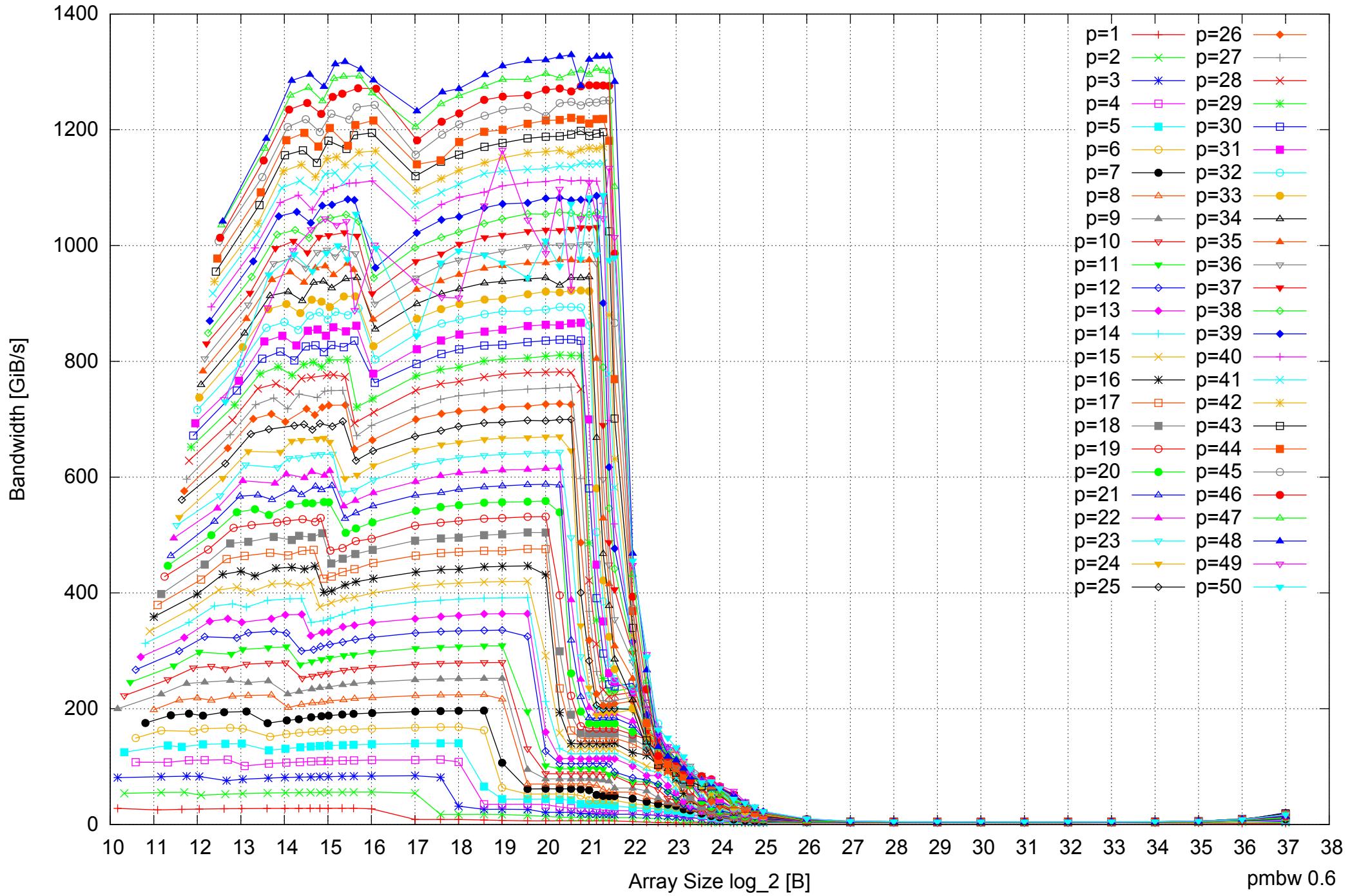
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanWrite64PtrSimpleLoop



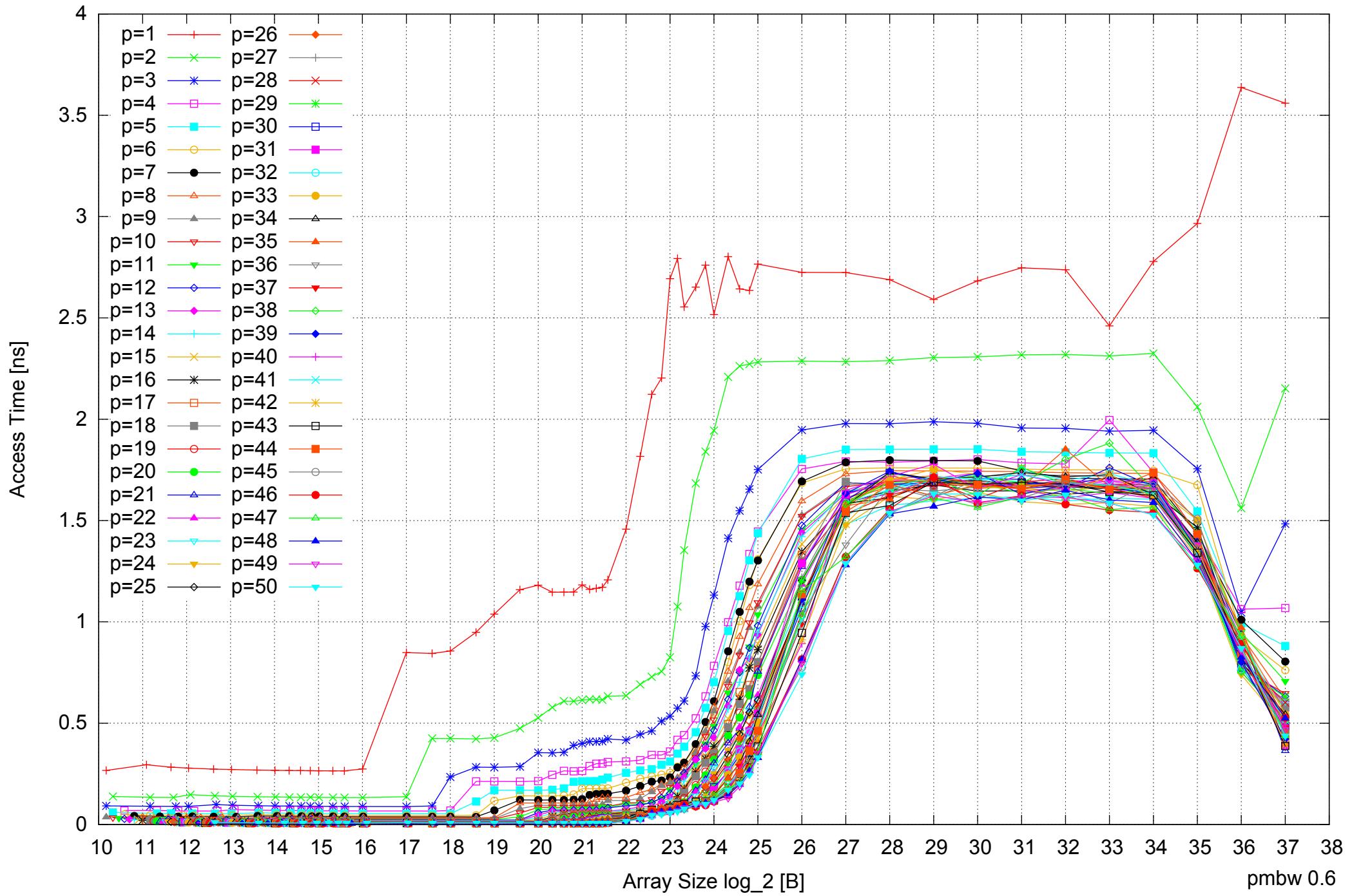
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite64PtrSimpleLoop



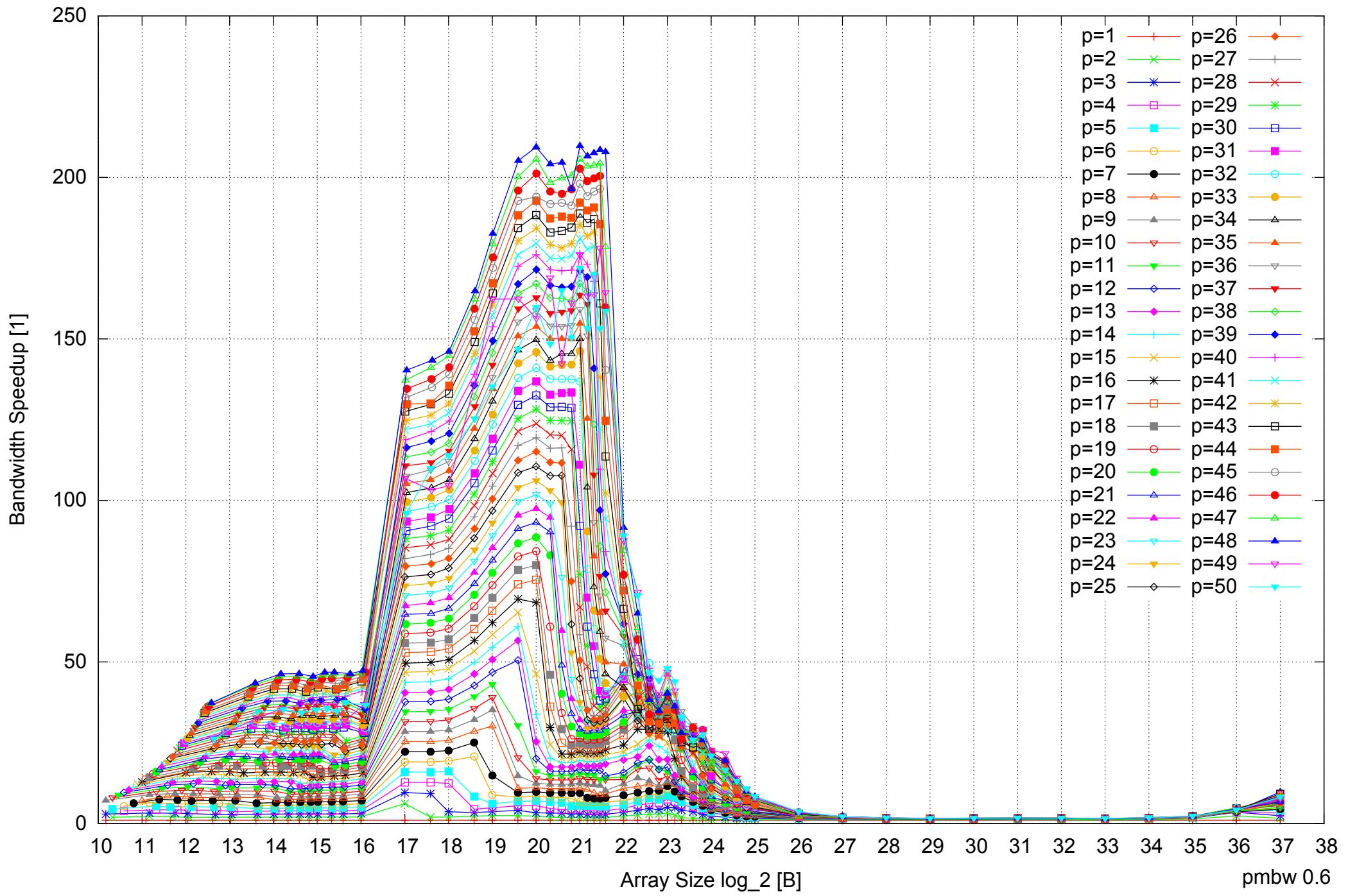
AMD Opteron 6168 256GB - Memory Bandwidth - ScanWrite64PtrUnrollLoop



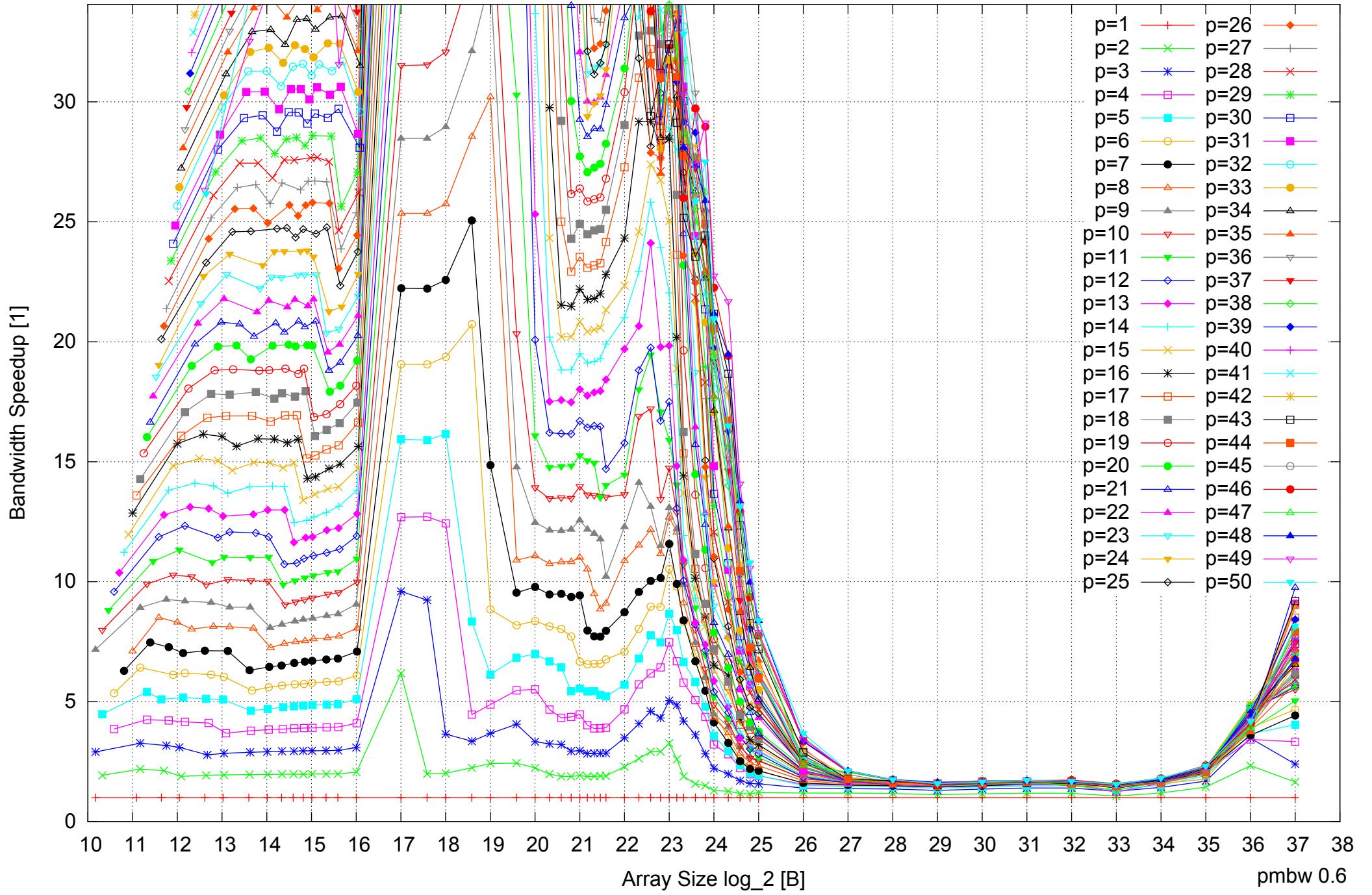
AMD Opteron 6168 256GB - Memory Latency - ScanWrite64PtrUnrollLoop



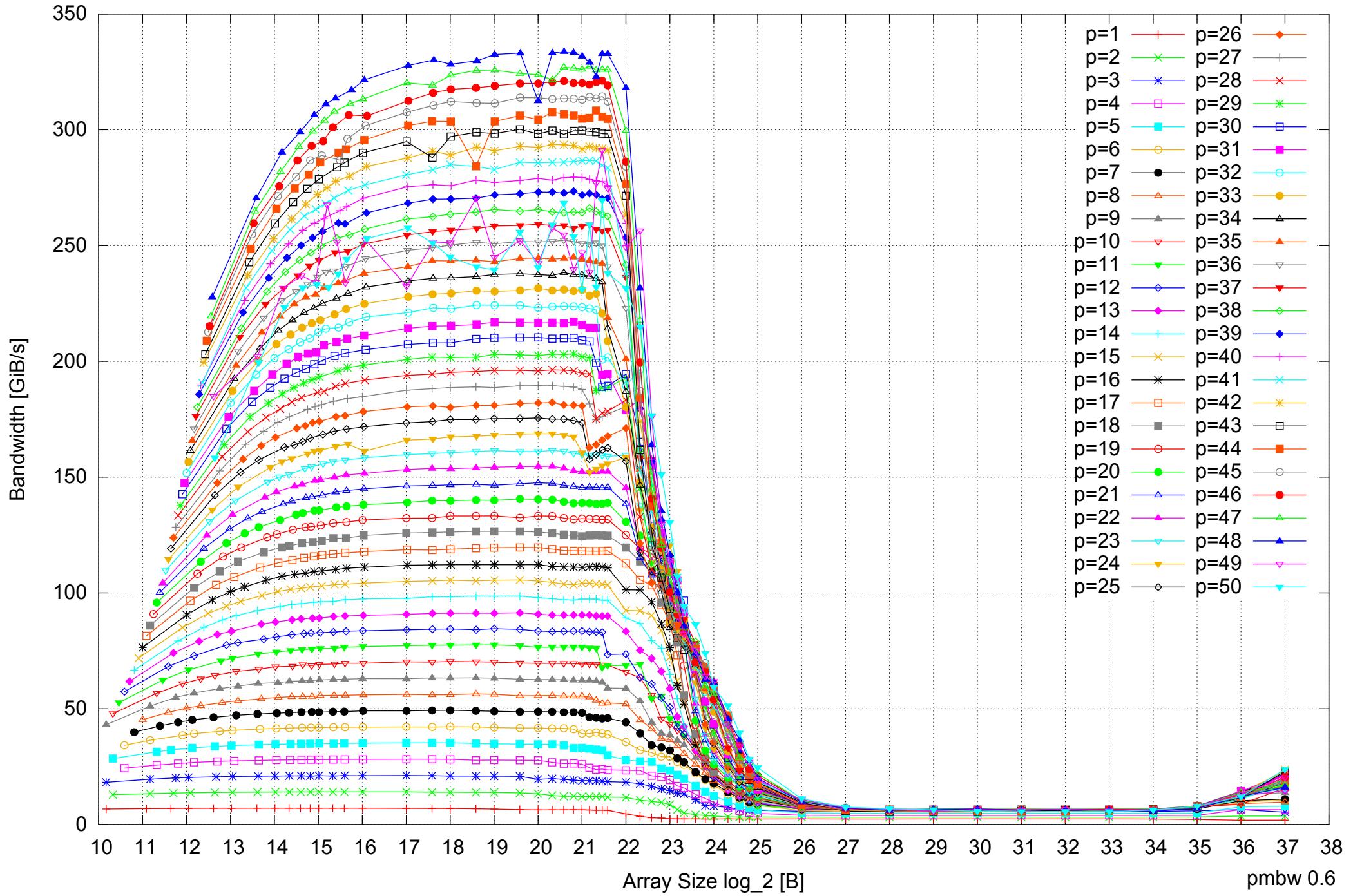
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanWrite64PtrUnrollLoop



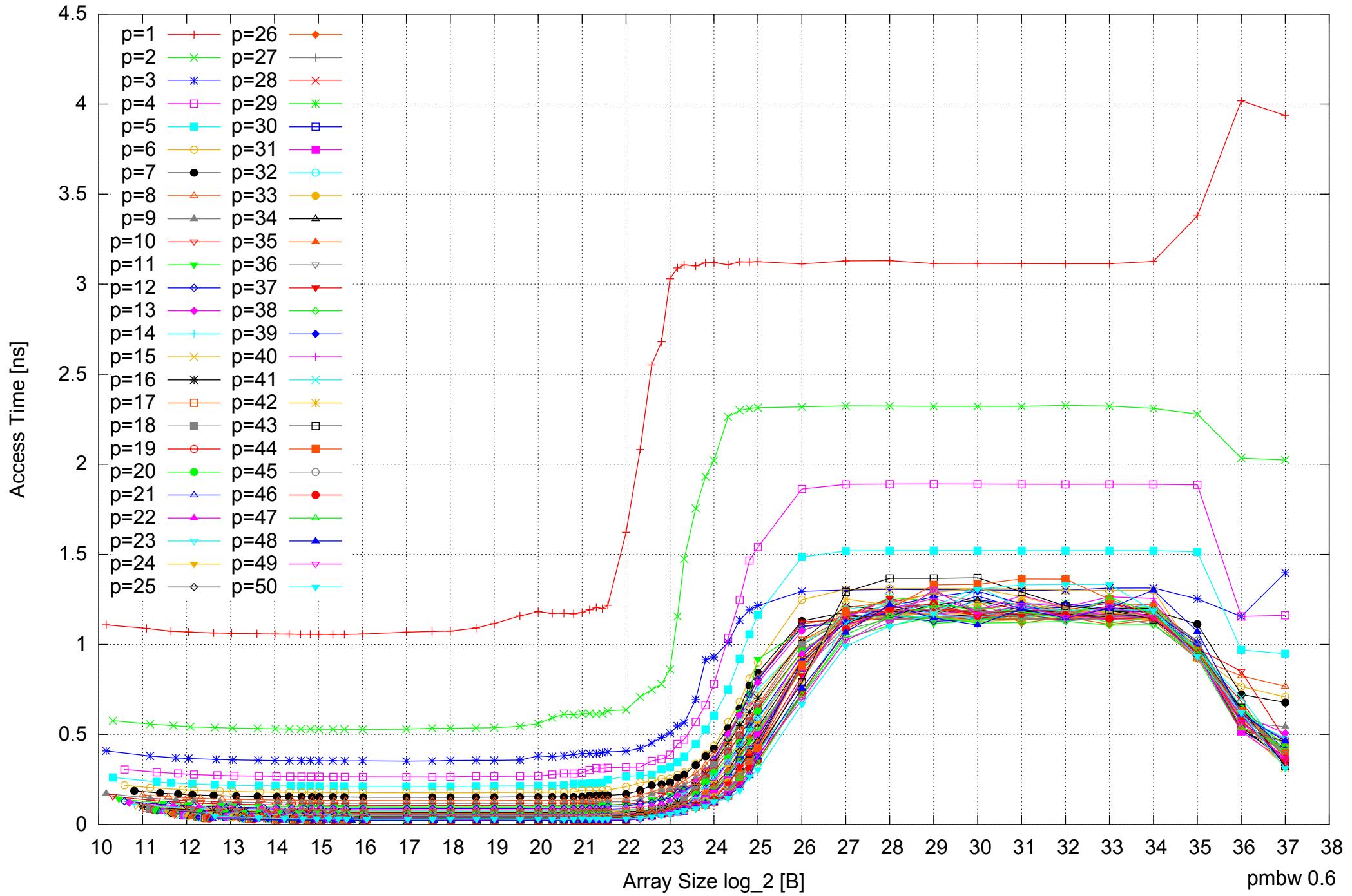
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite64PtrUnrollLoop



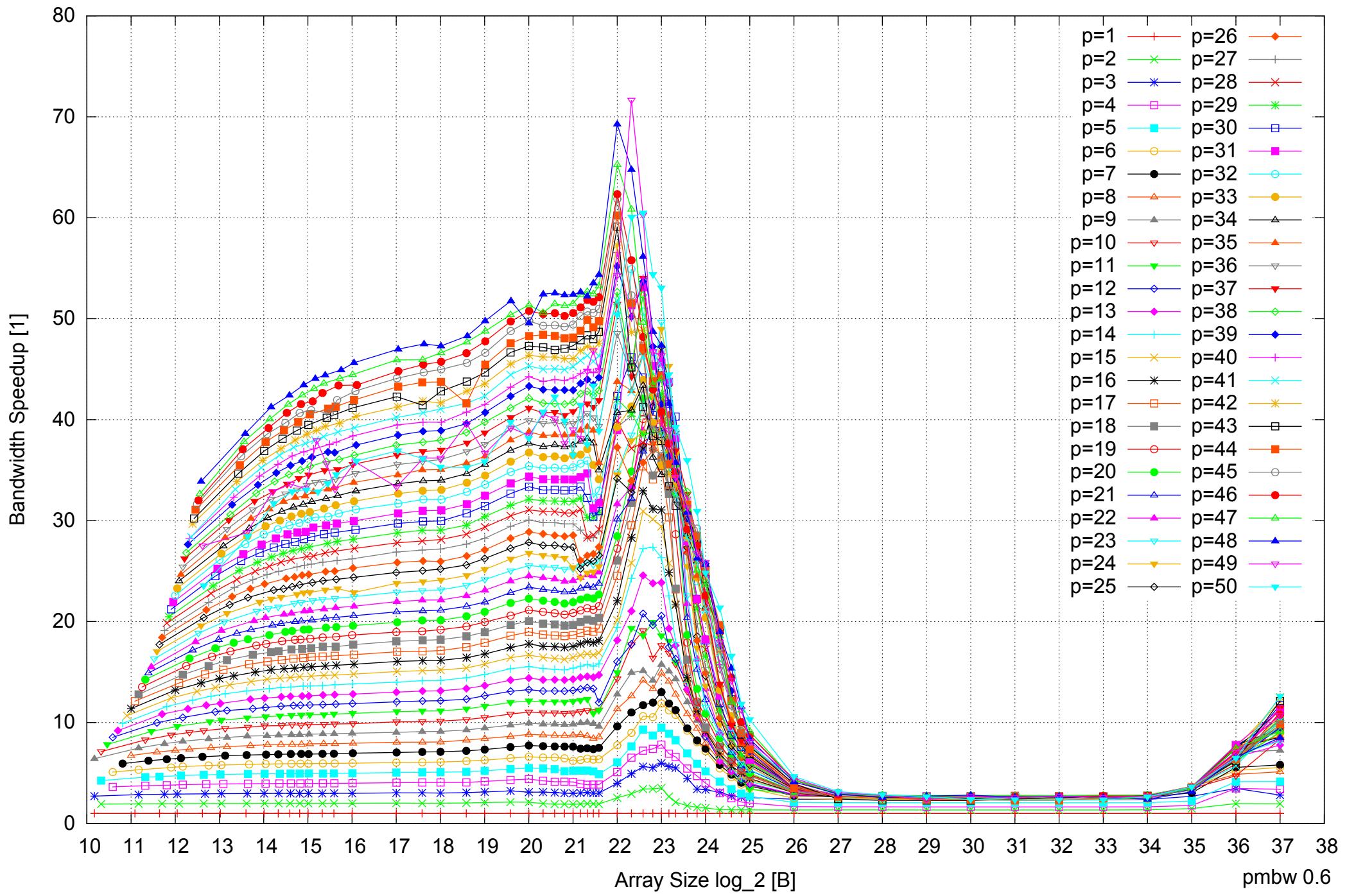
AMD Opteron 6168 256GB - Memory Bandwidth - ScanRead64PtrSimpleLoop



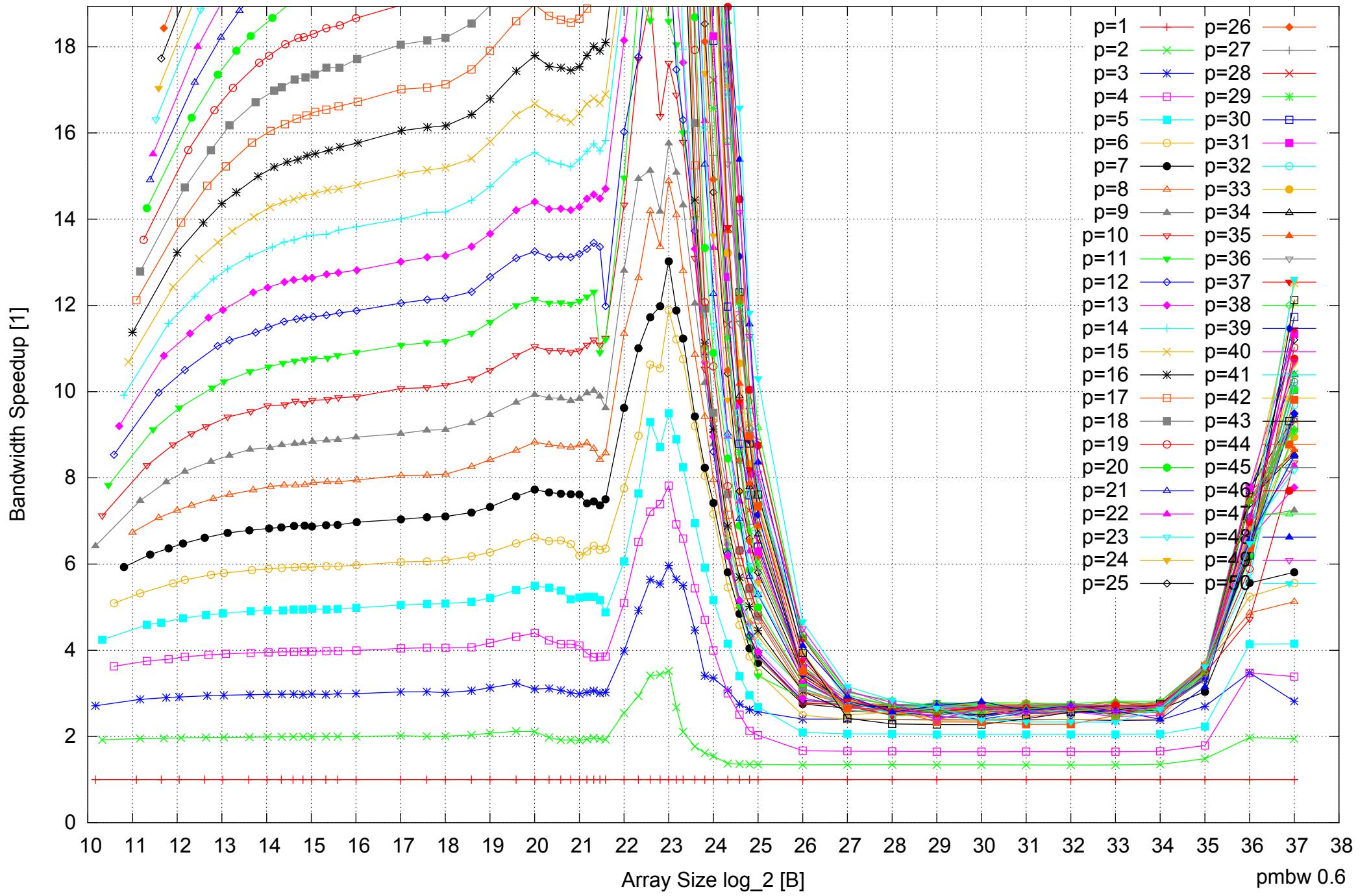
AMD Opteron 6168 256GB - Memory Latency - ScanRead64PtrSimpleLoop



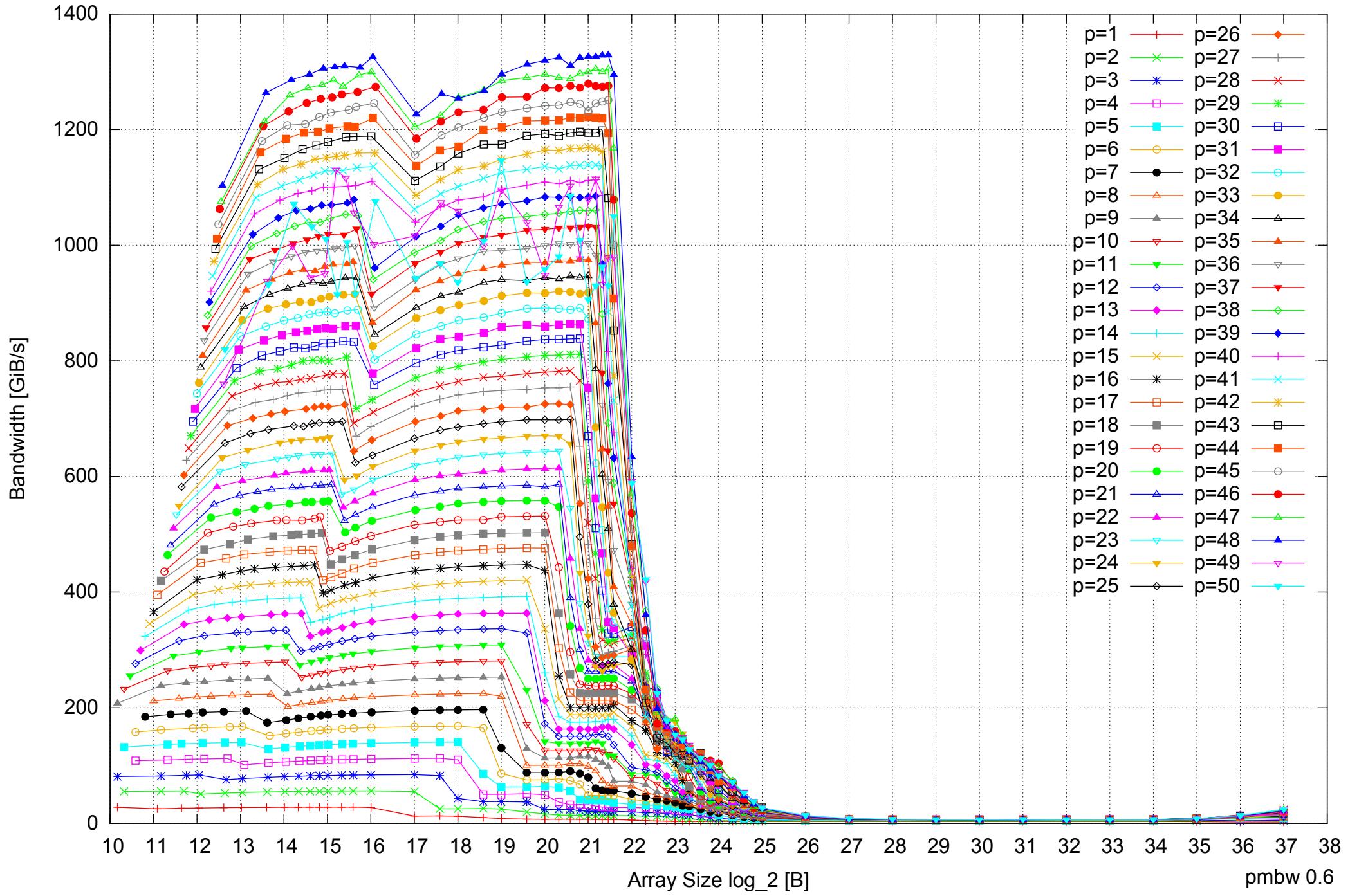
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanRead64PtrSimpleLoop



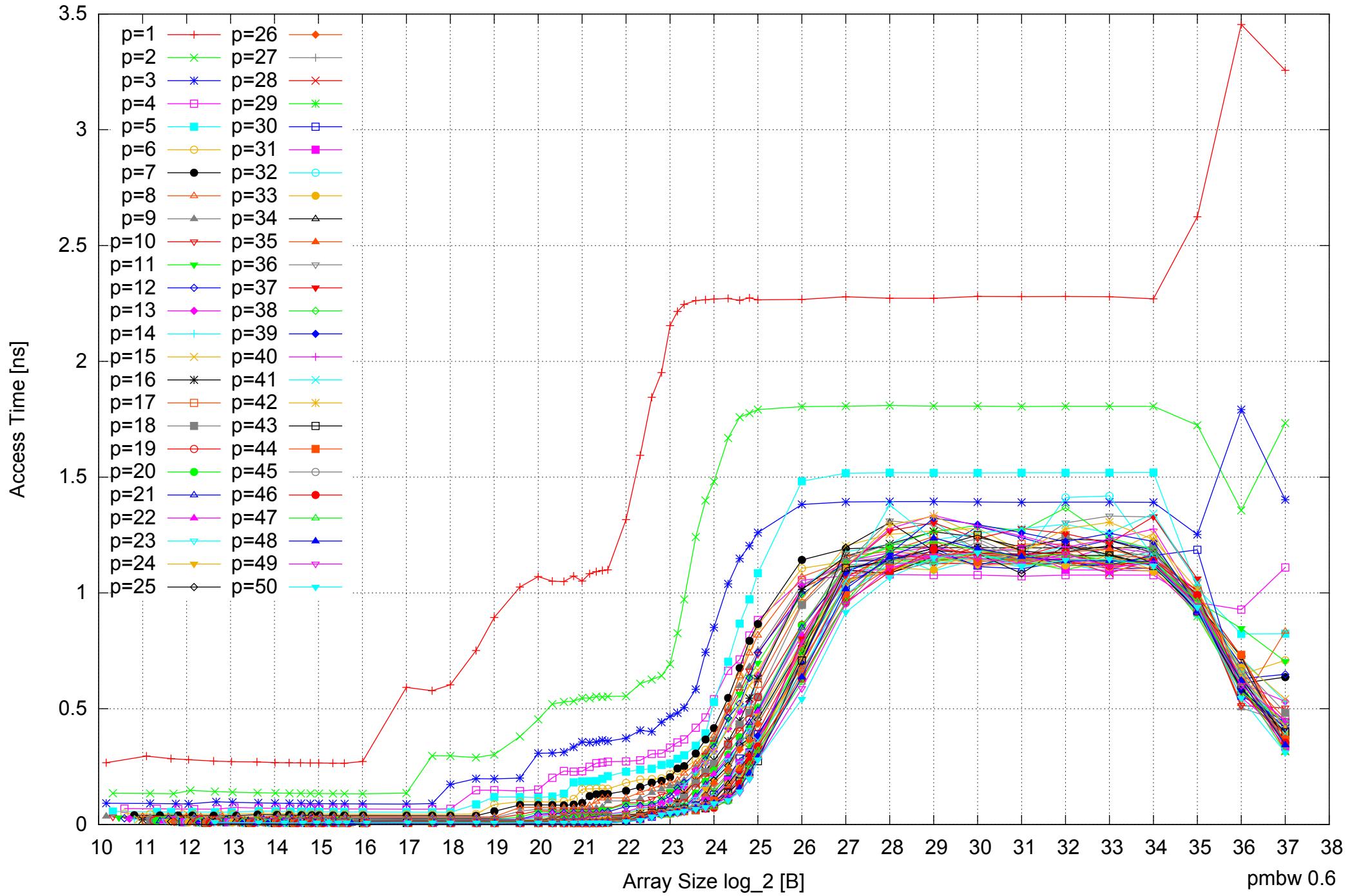
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanRead64PtrSimpleLoop



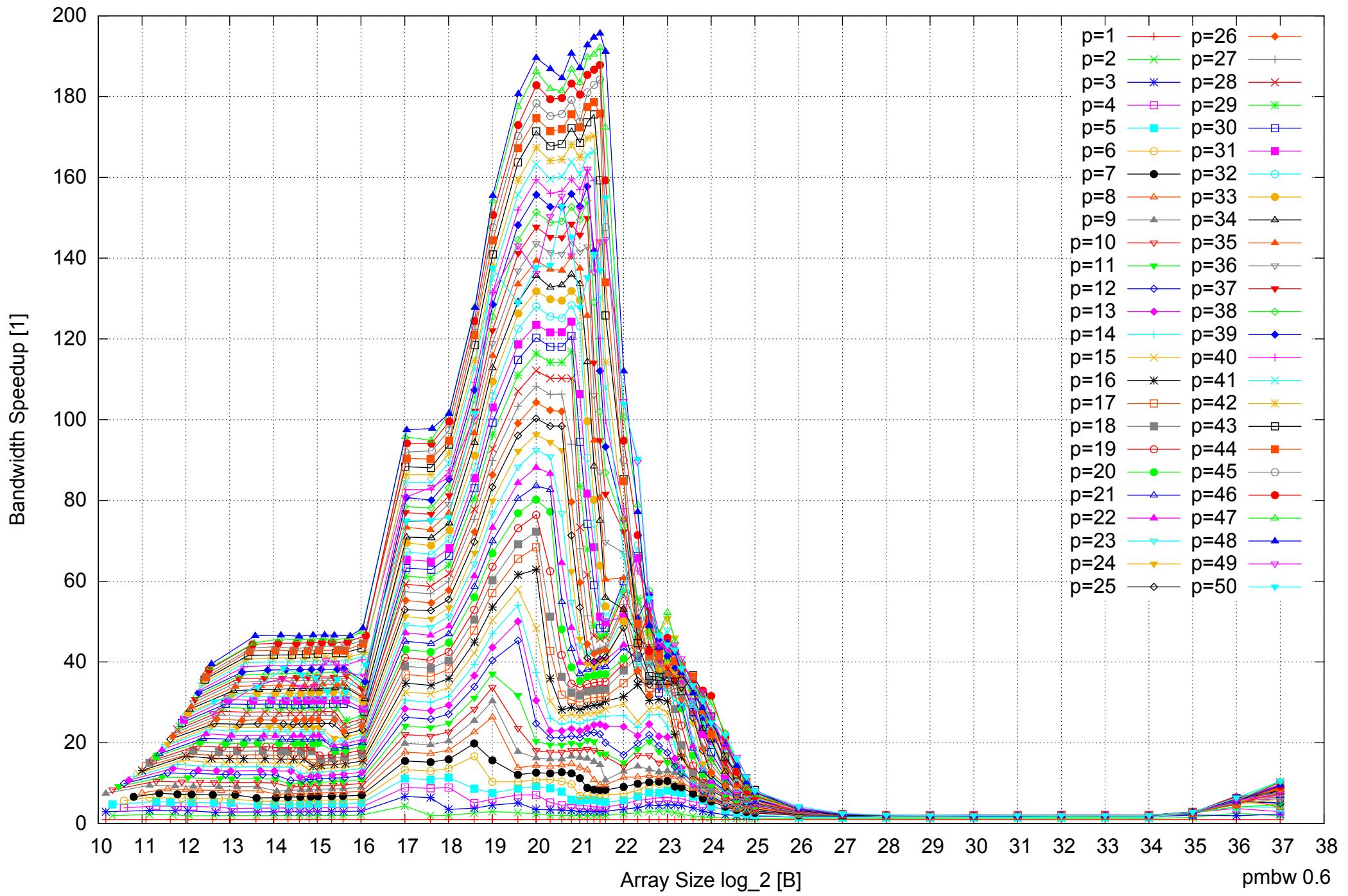
AMD Opteron 6168 256GB - Memory Bandwidth - ScanRead64PtrUnrollLoop



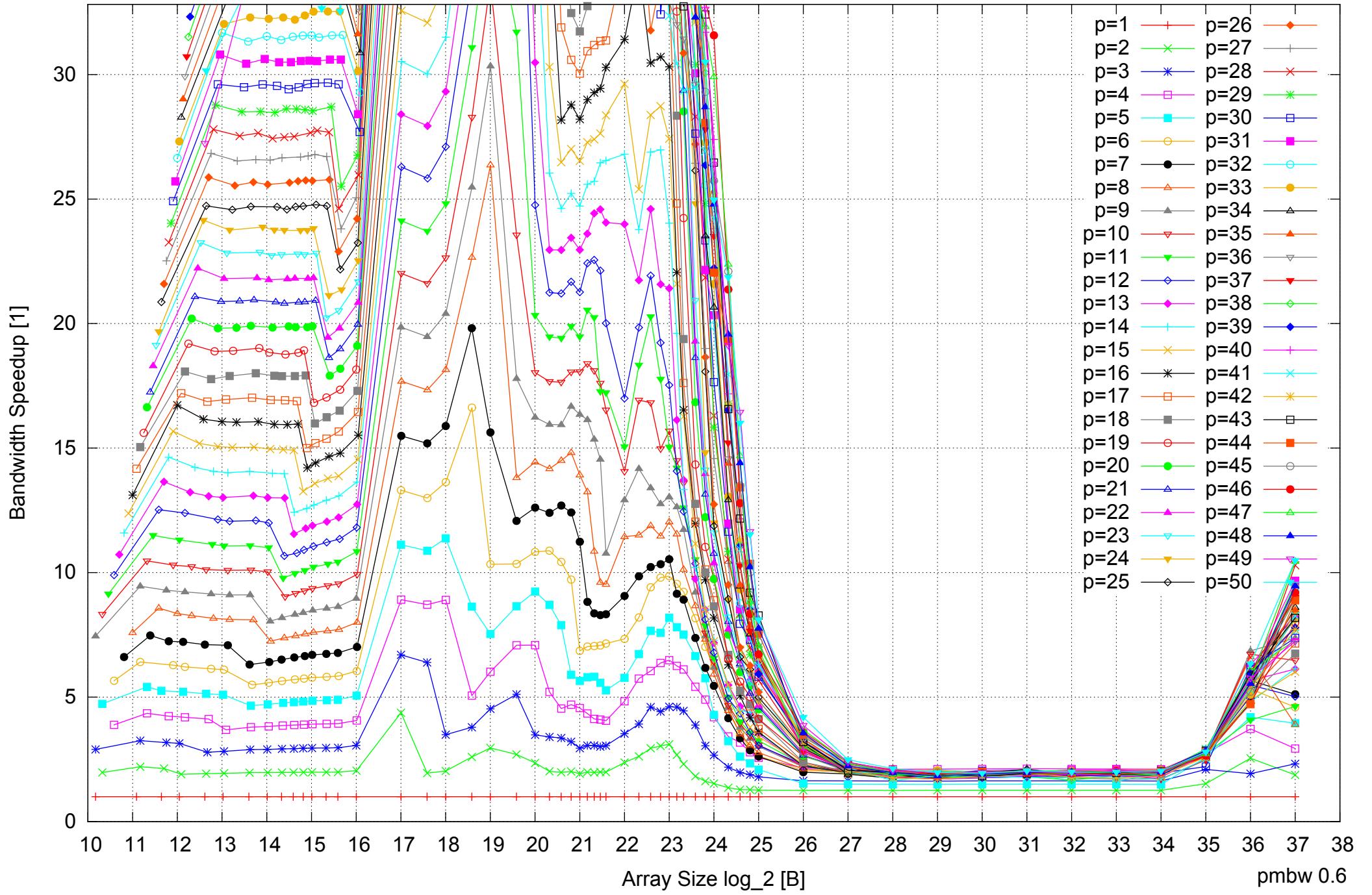
AMD Opteron 6168 256GB - Memory Latency - ScanRead64PtrUnrollLoop



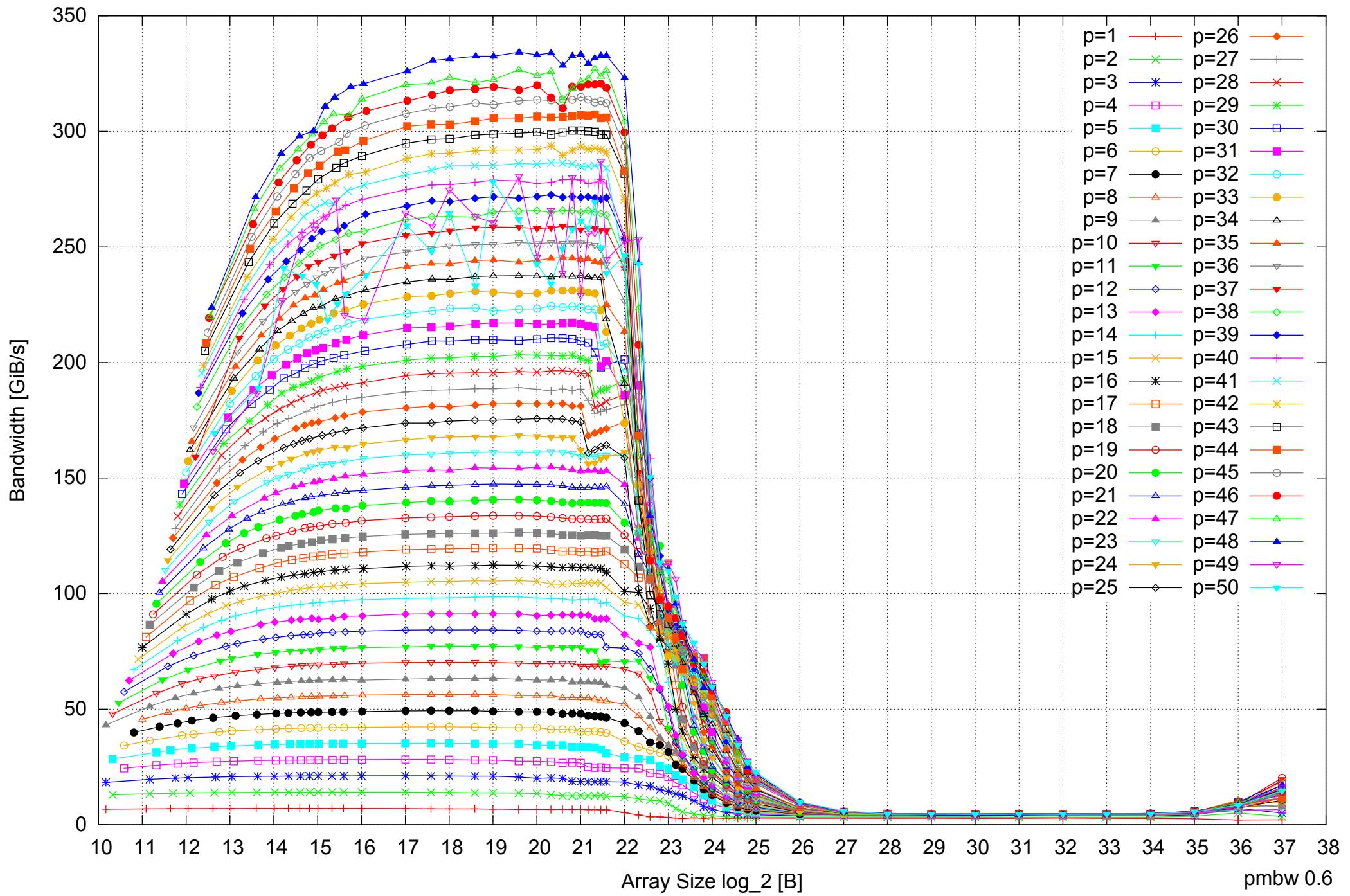
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanRead64PtrUnrollLoop



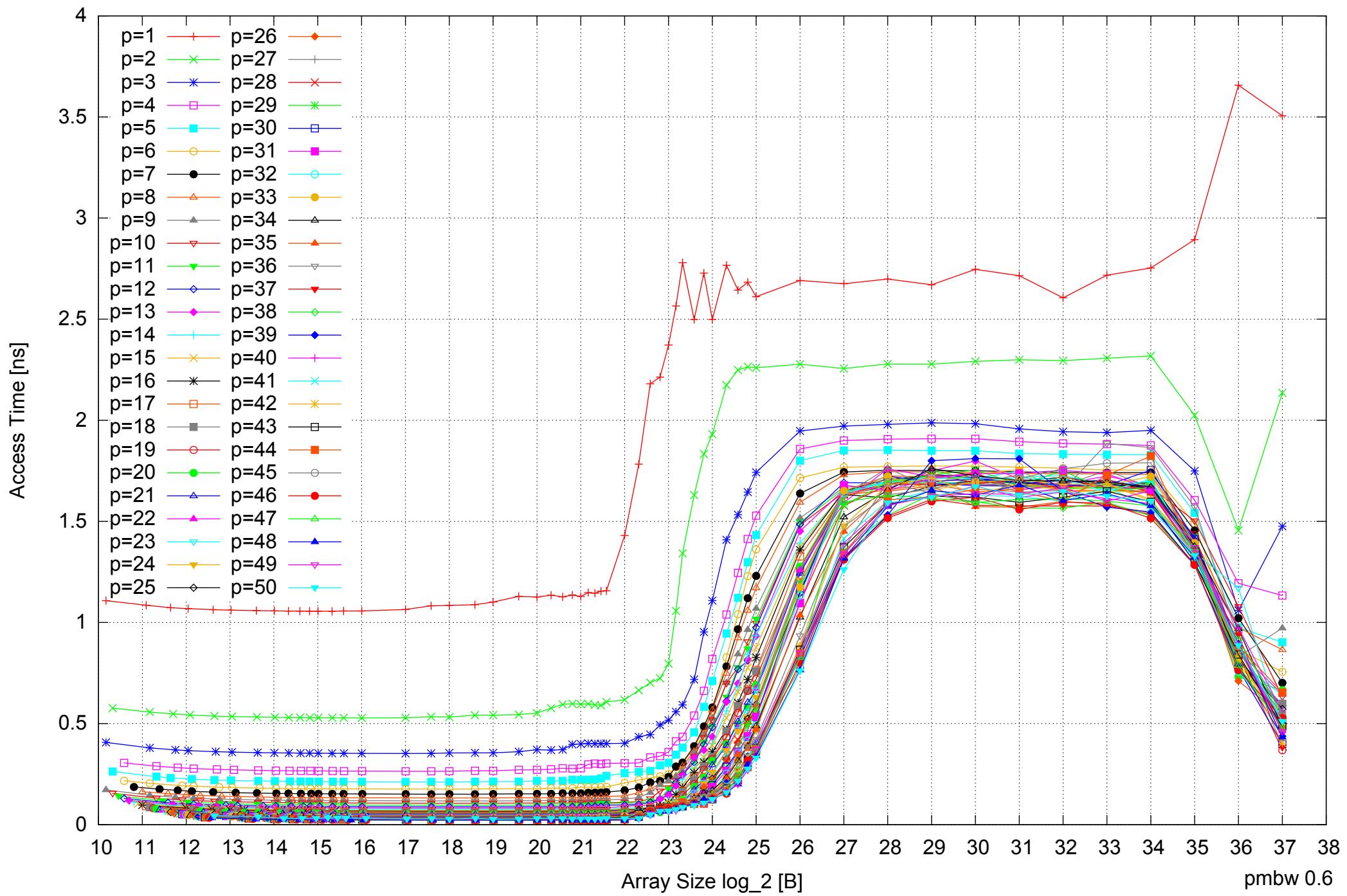
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanRead64PtrUnrollLoop



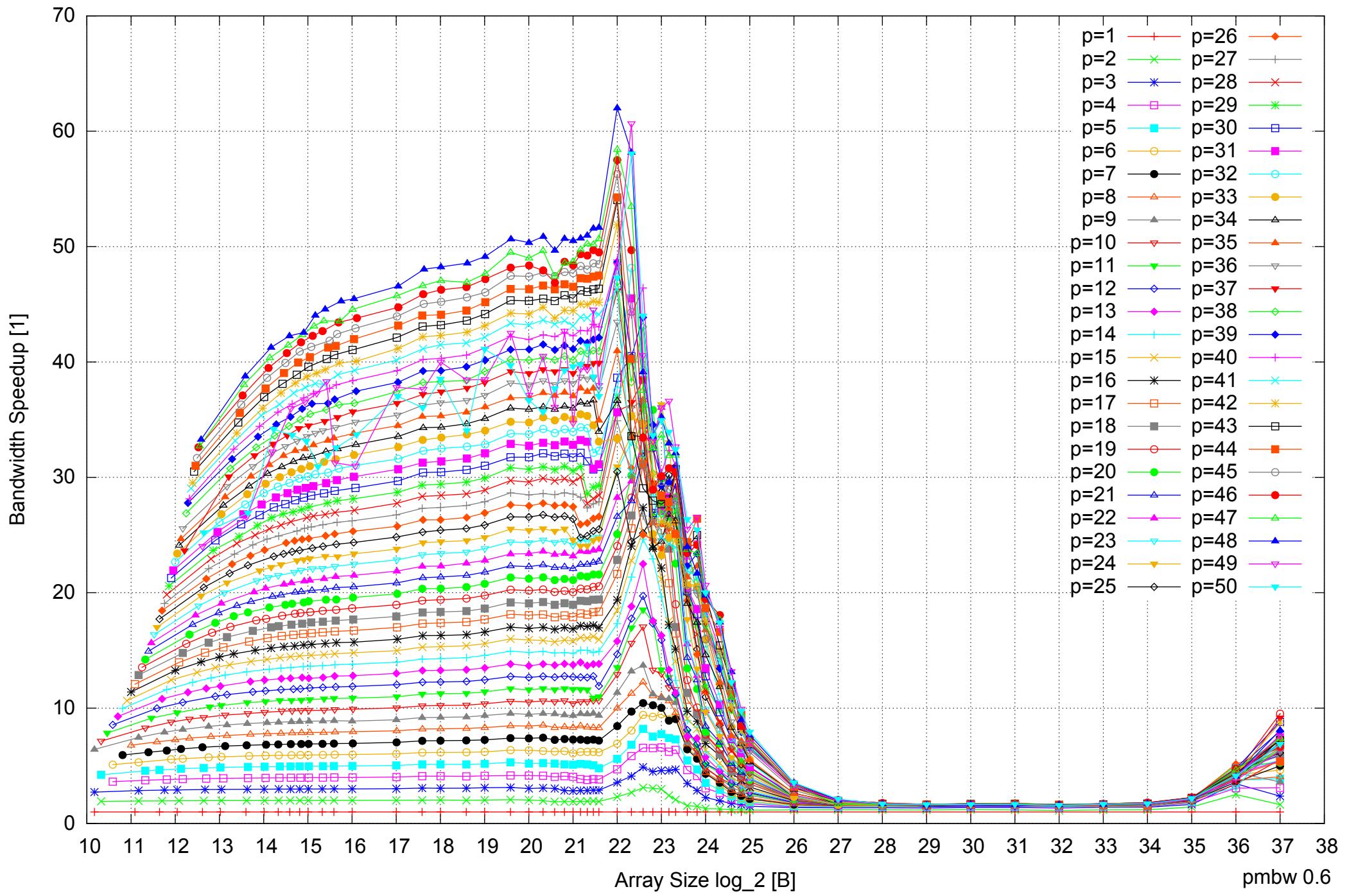
AMD Opteron 6168 256GB - Memory Bandwidth - ScanWrite64IndexSimpleLoop



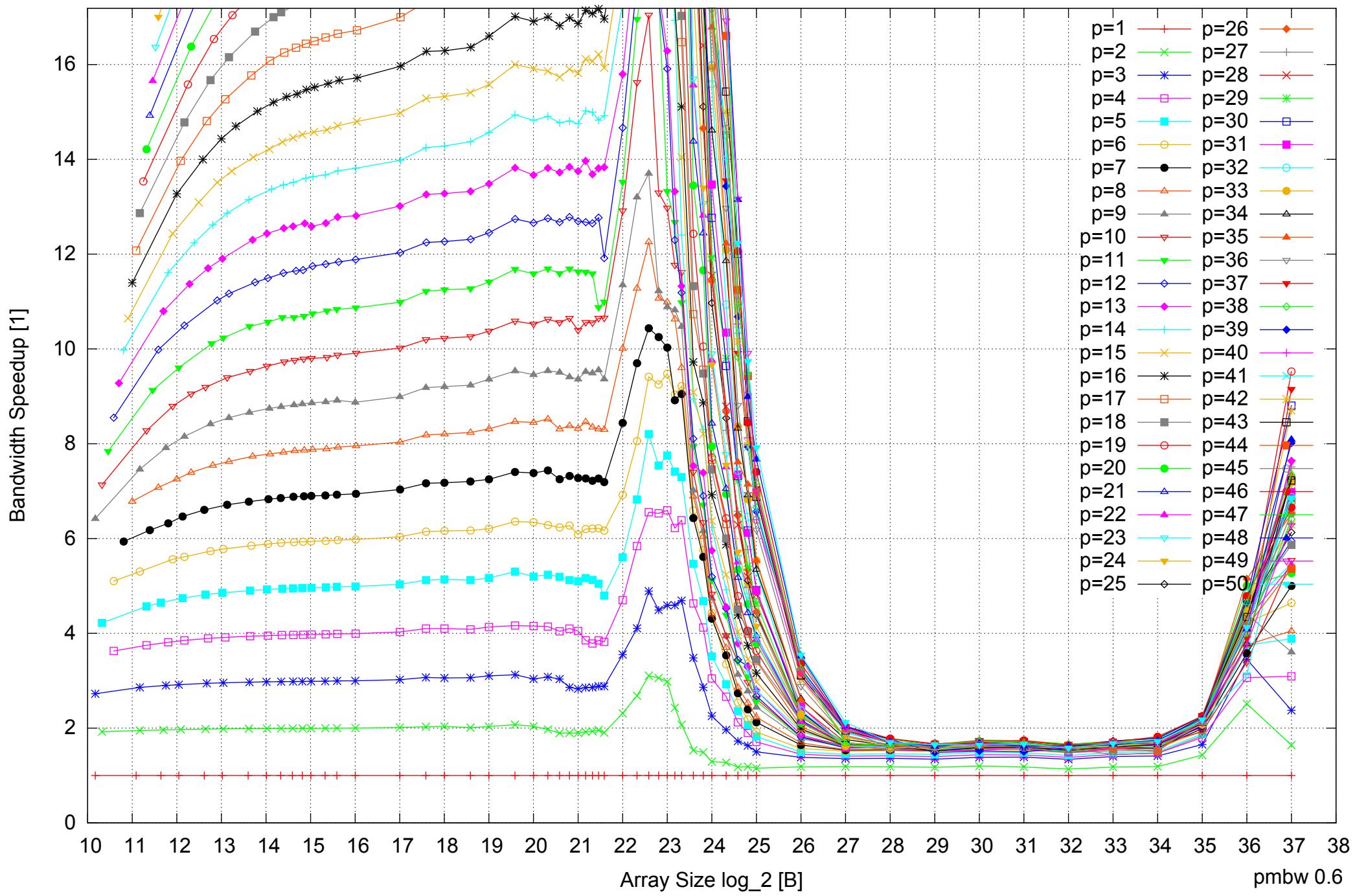
AMD Opteron 6168 256GB - Memory Latency - ScanWrite64IndexSimpleLoop



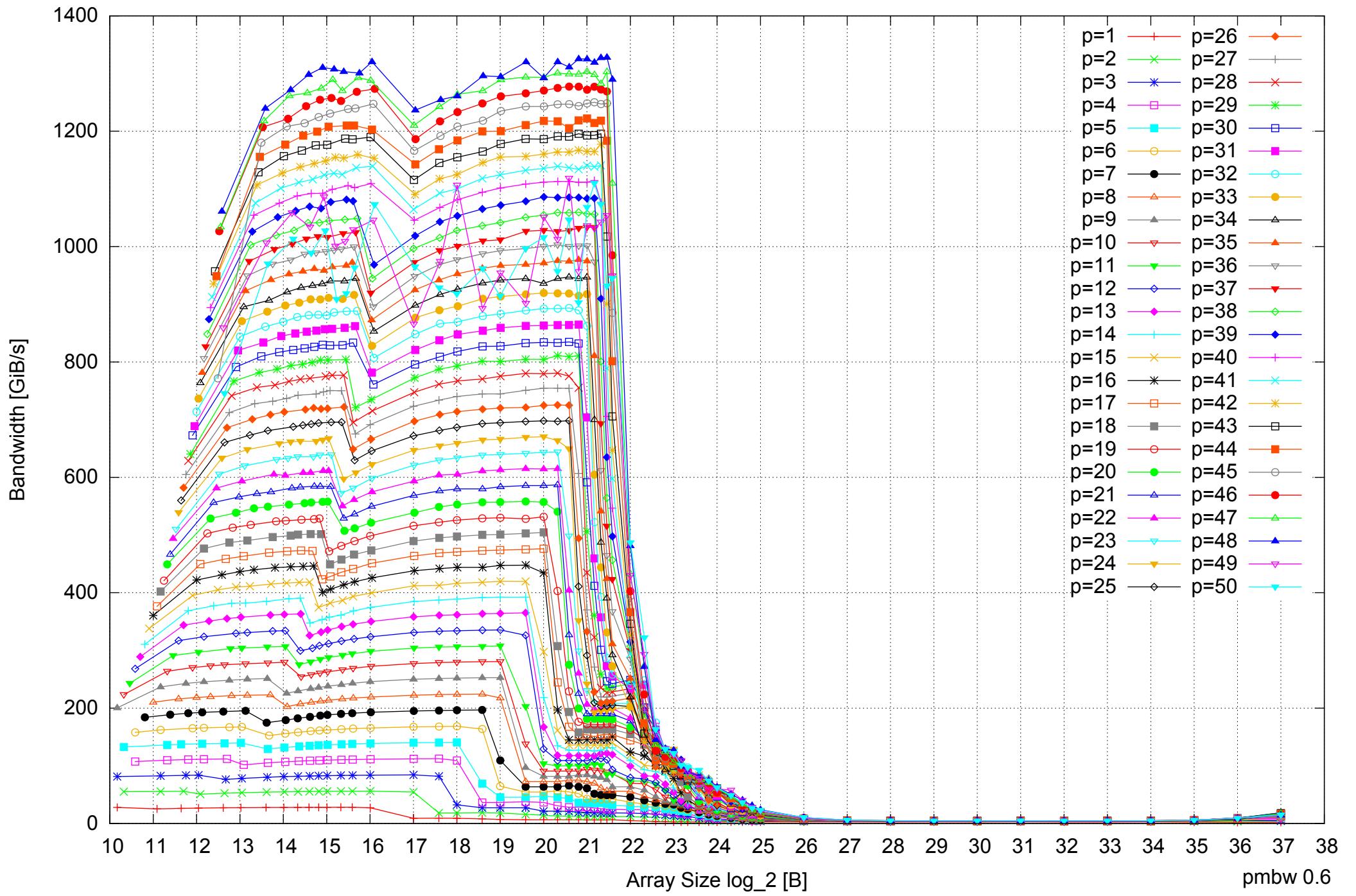
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanWrite64IndexSimpleLoop



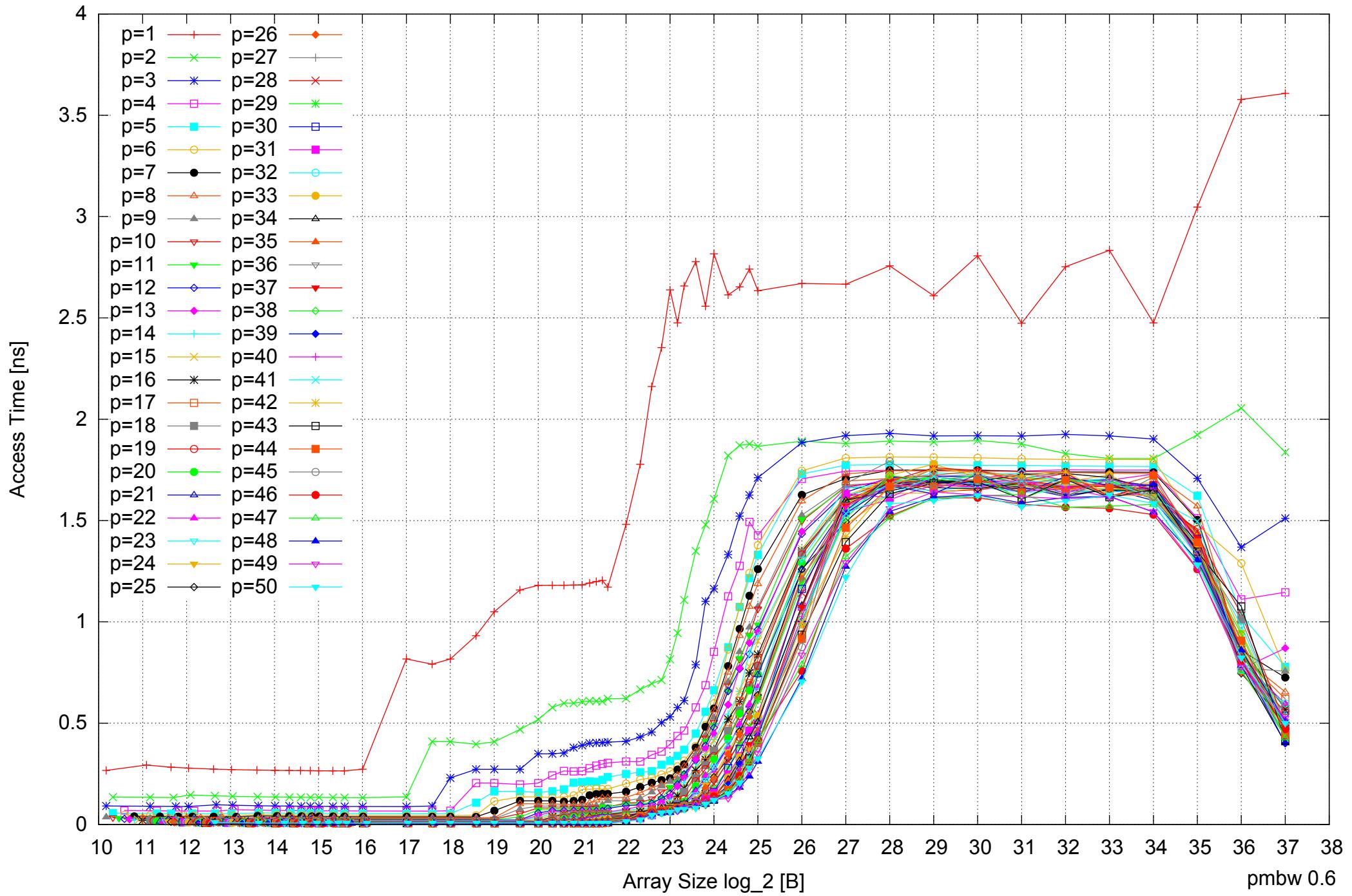
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite64IndexSimpleLoop



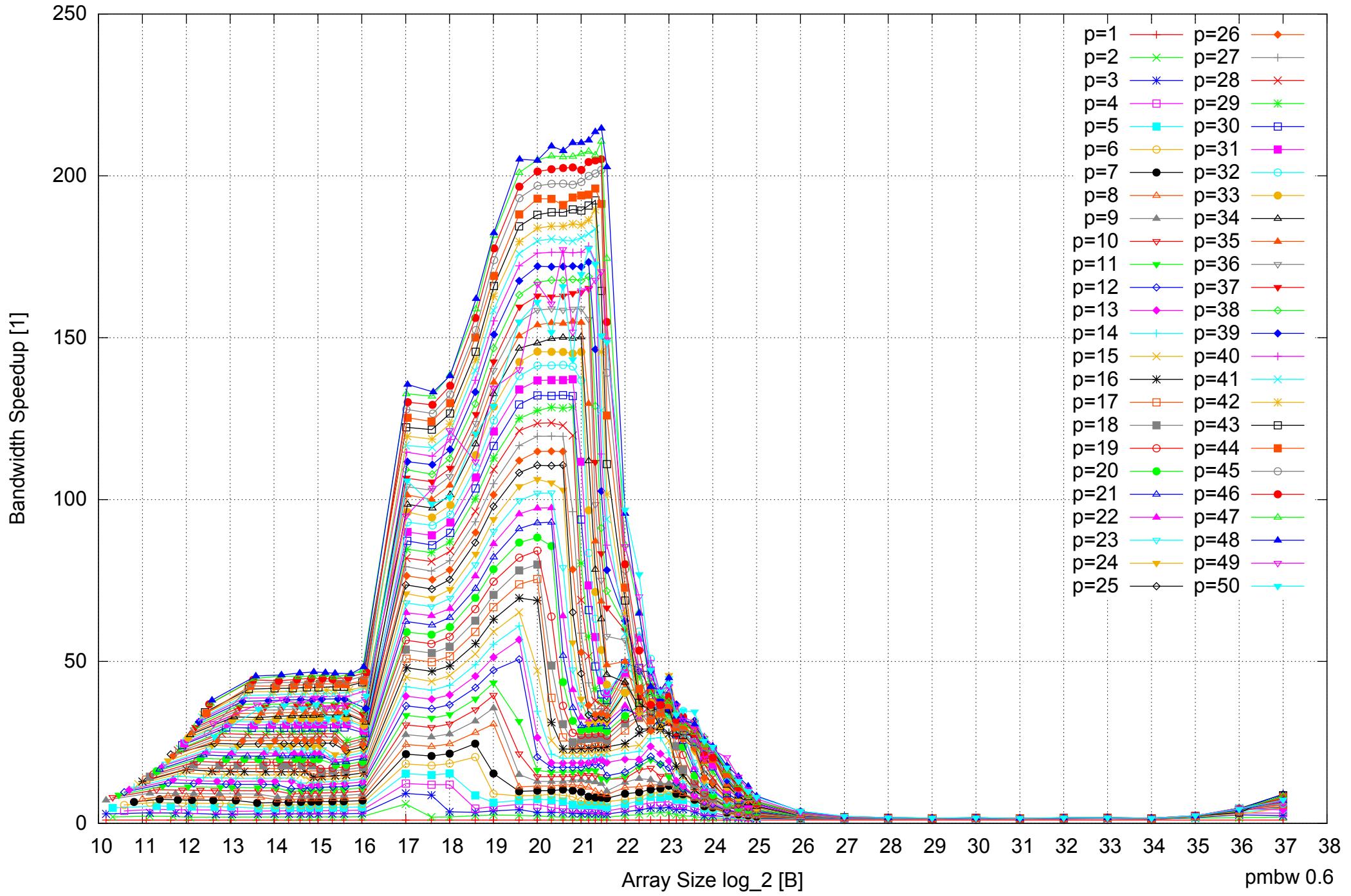
AMD Opteron 6168 256GB - Memory Bandwidth - ScanWrite64IndexUnrollLoop



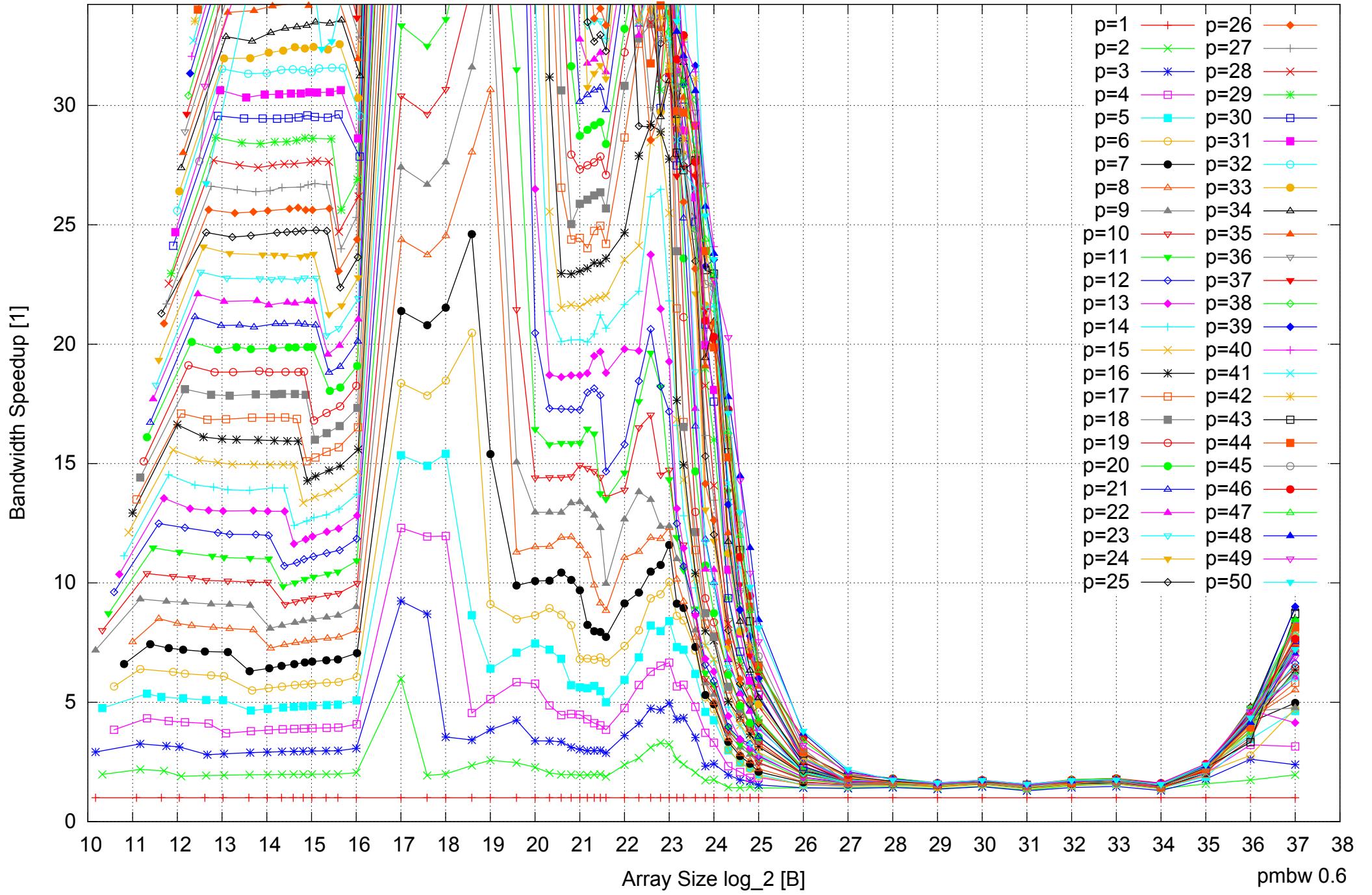
AMD Opteron 6168 256GB - Memory Latency - ScanWrite64IndexUnrollLoop



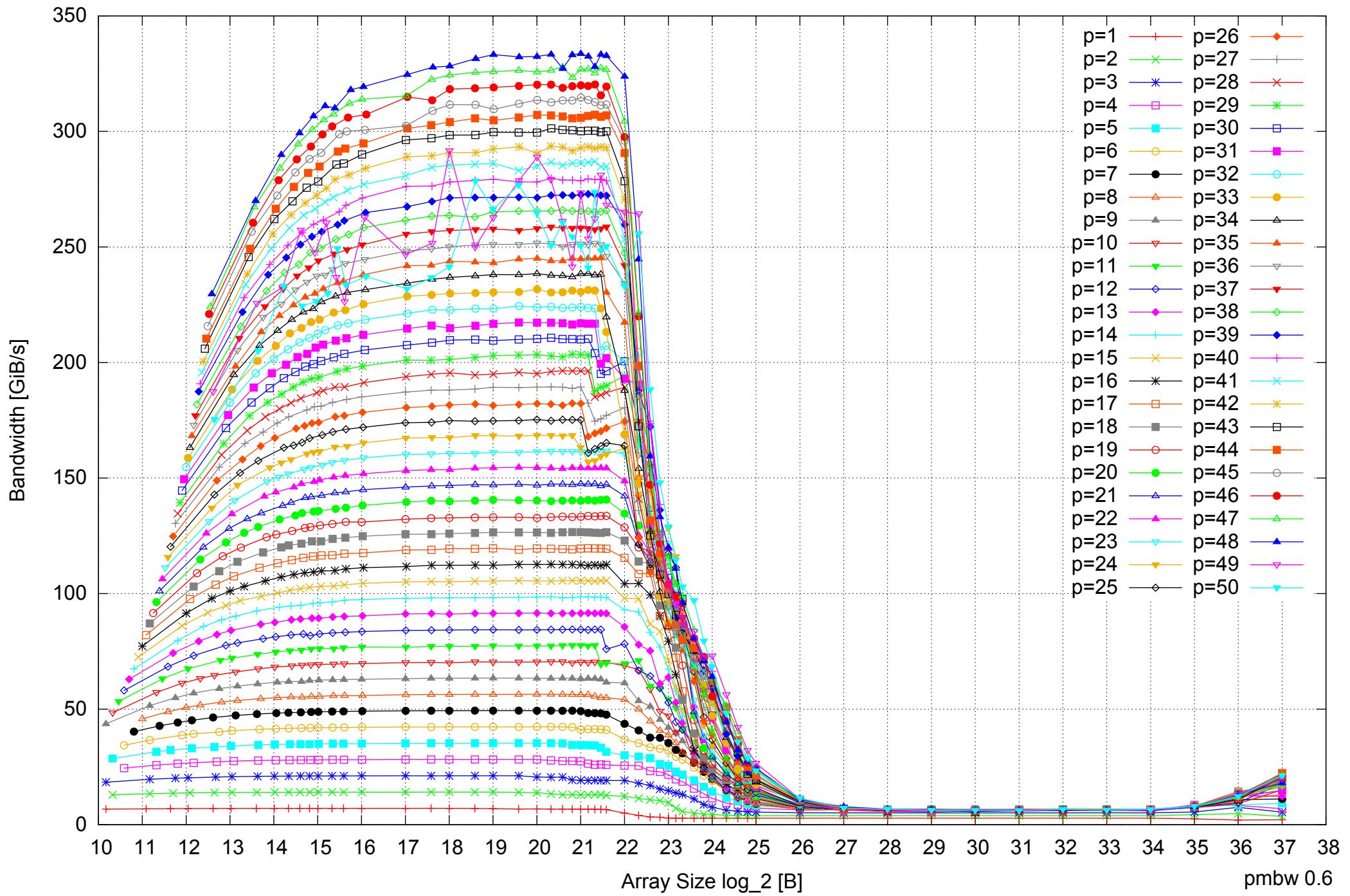
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanWrite64IndexUnrollLoop



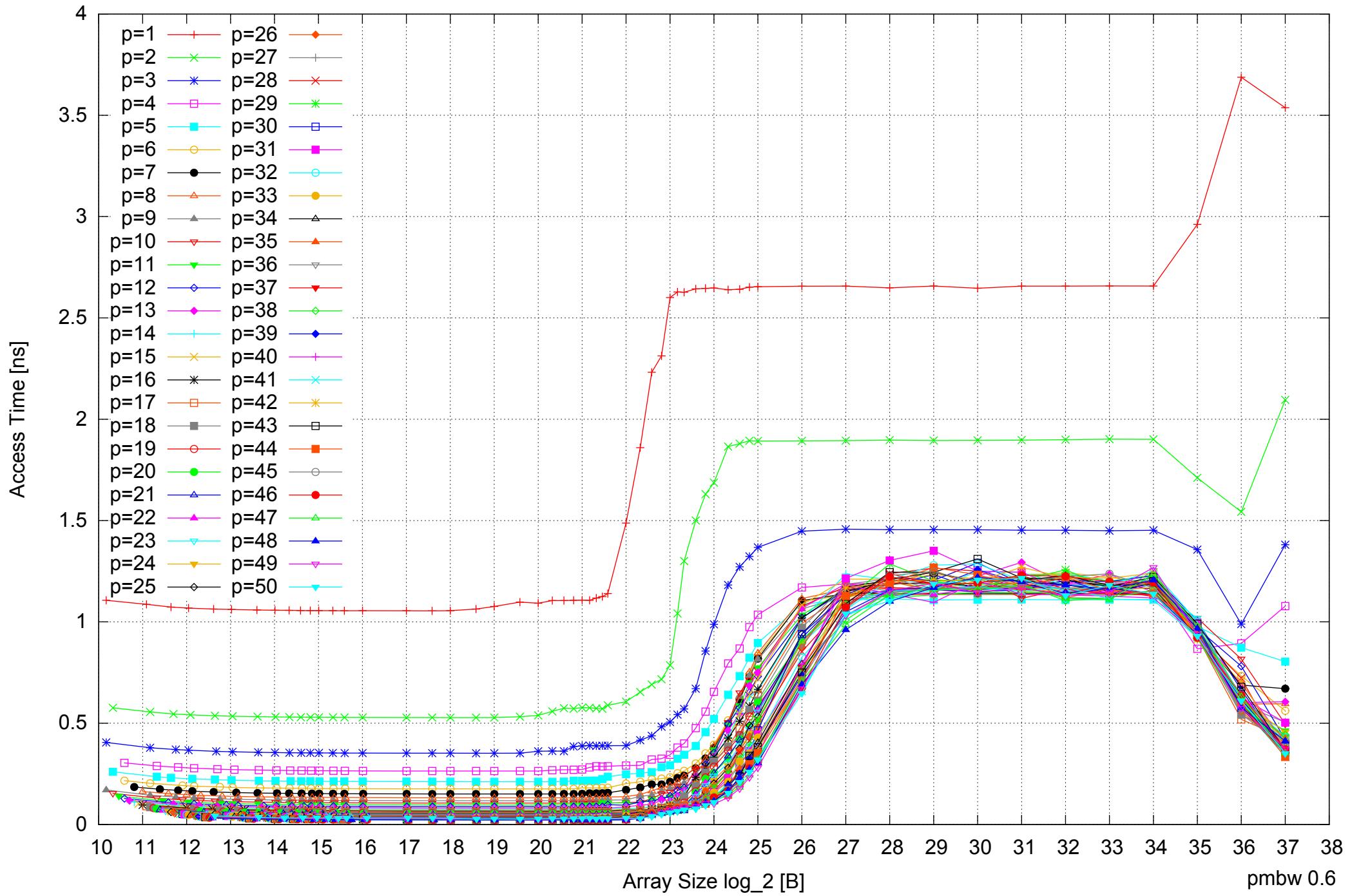
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite64IndexUnrollLoop



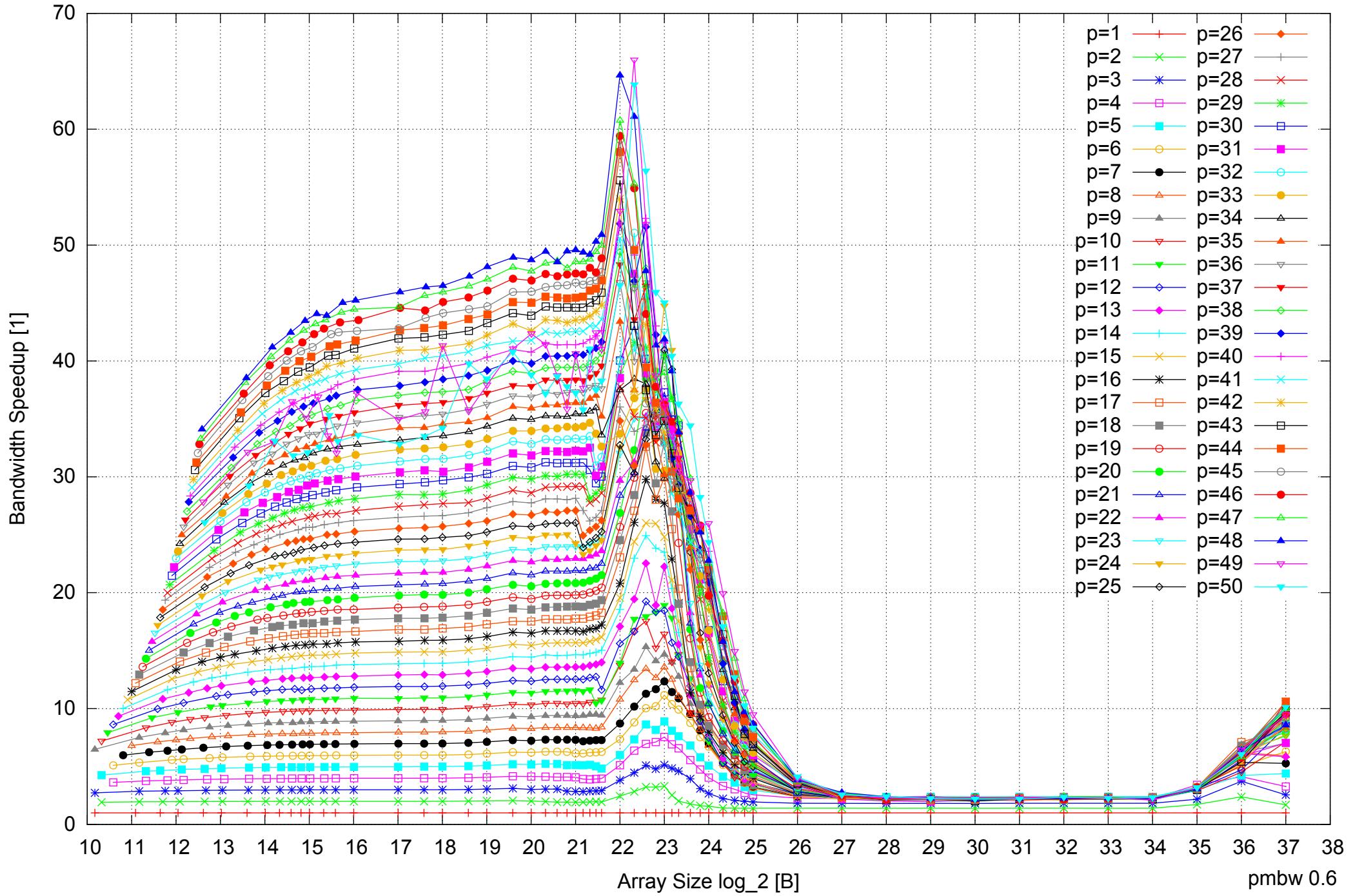
AMD Opteron 6168 256GB - Memory Bandwidth - ScanRead64IndexSimpleLoop



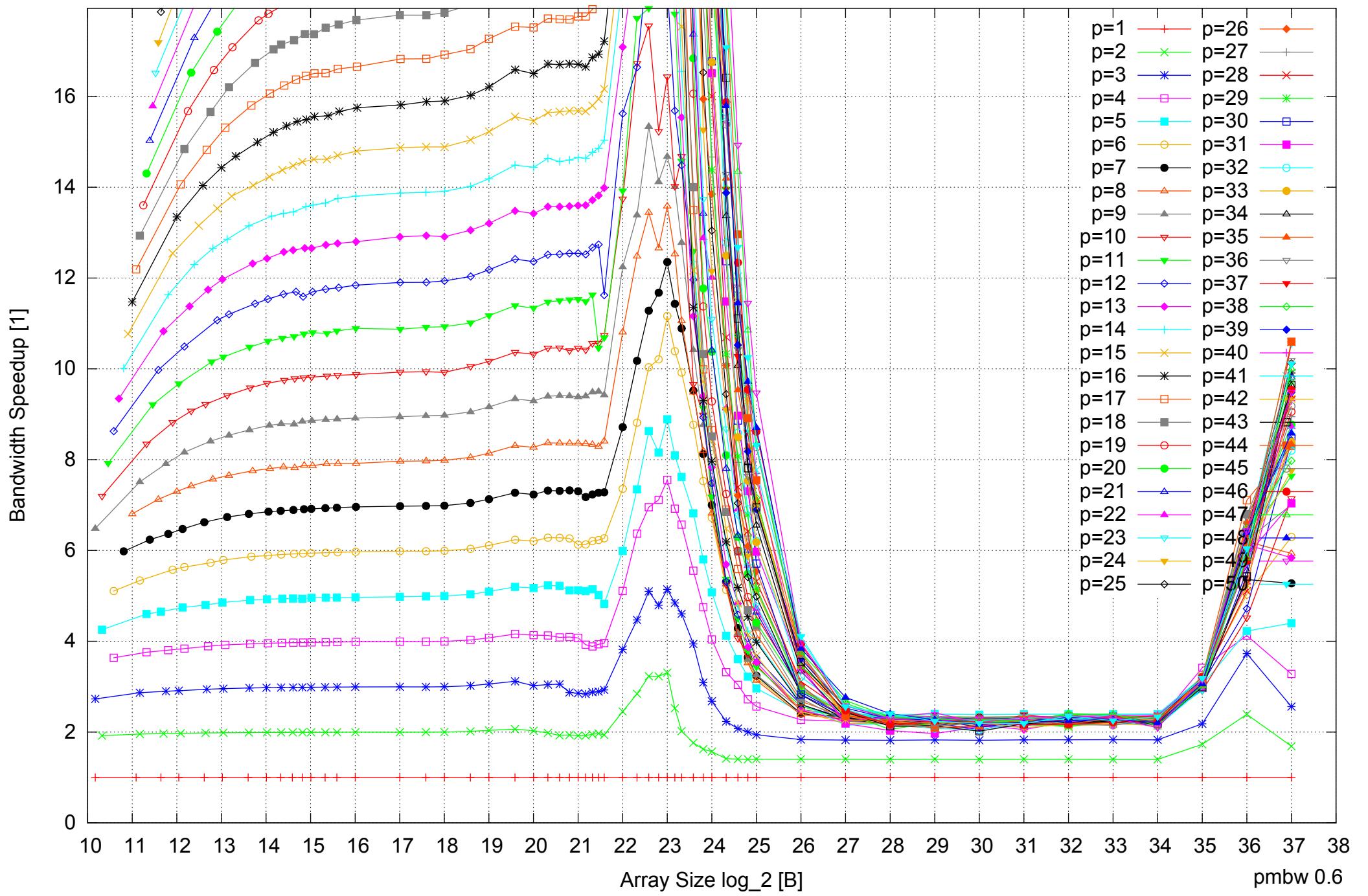
AMD Opteron 6168 256GB - Memory Latency - ScanRead64IndexSimpleLoop



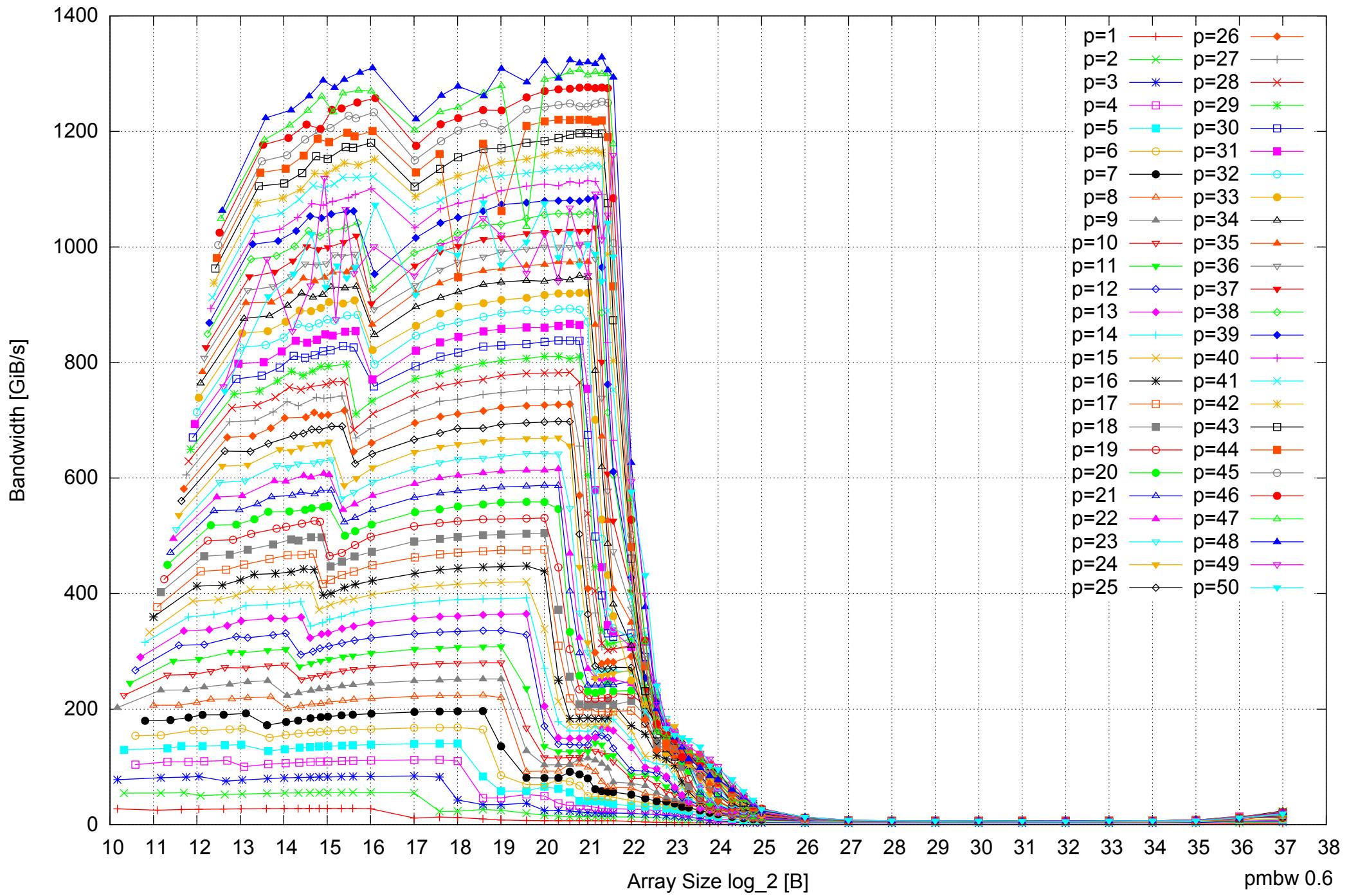
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanRead64IndexSimpleLoop



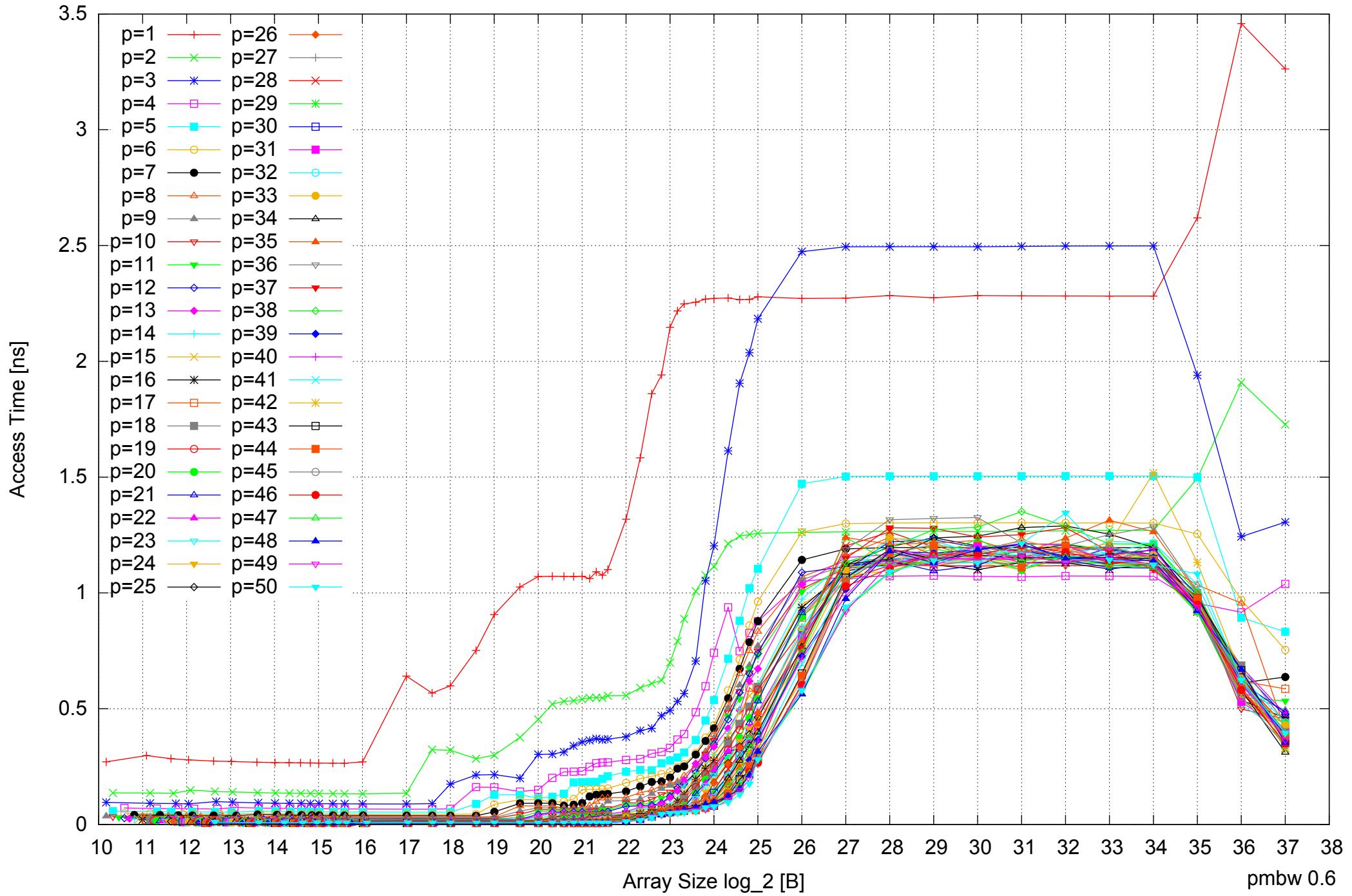
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanRead64IndexSimpleLoop



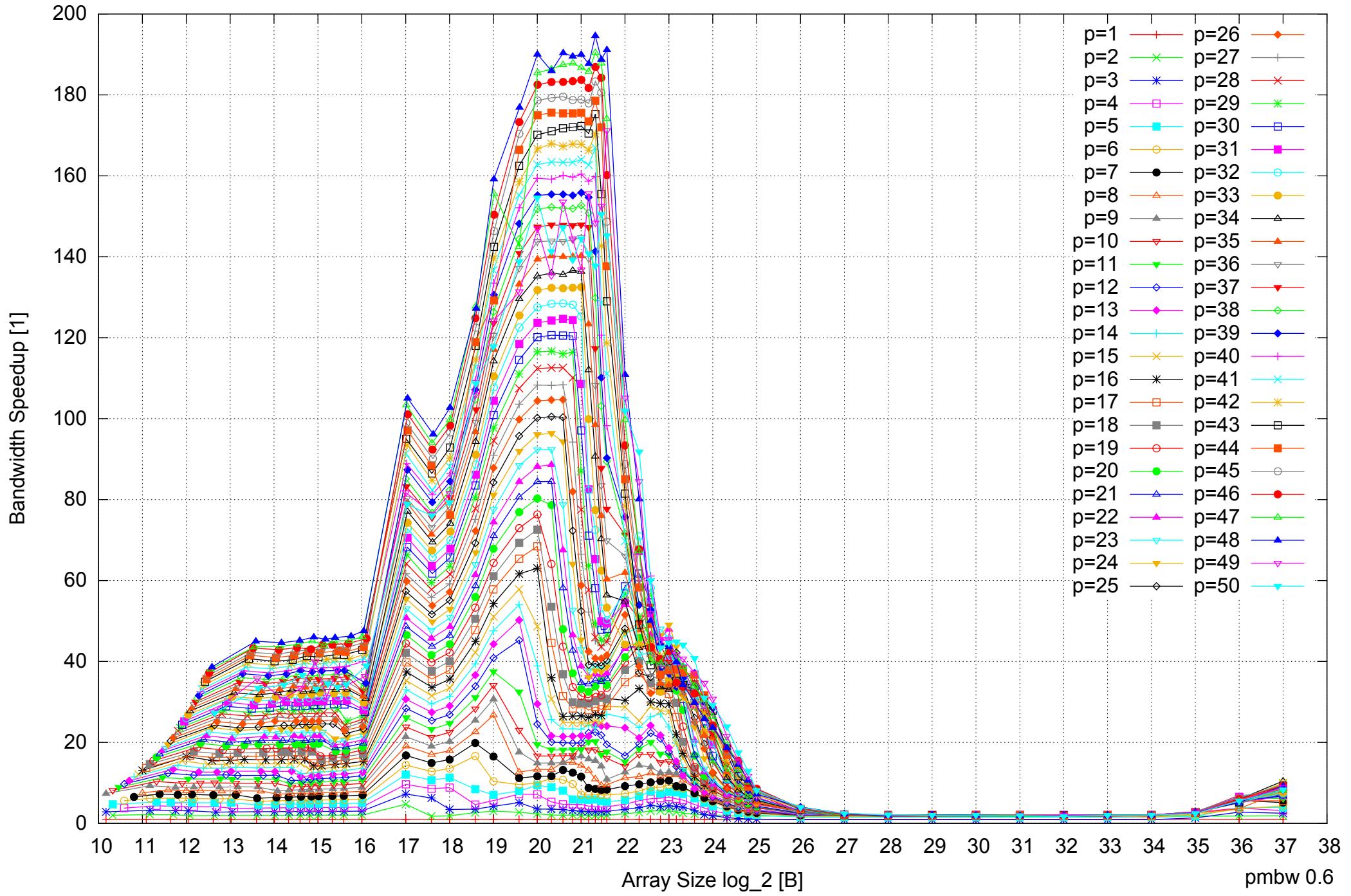
AMD Opteron 6168 256GB - Memory Bandwidth - ScanRead64IndexUnrollLoop



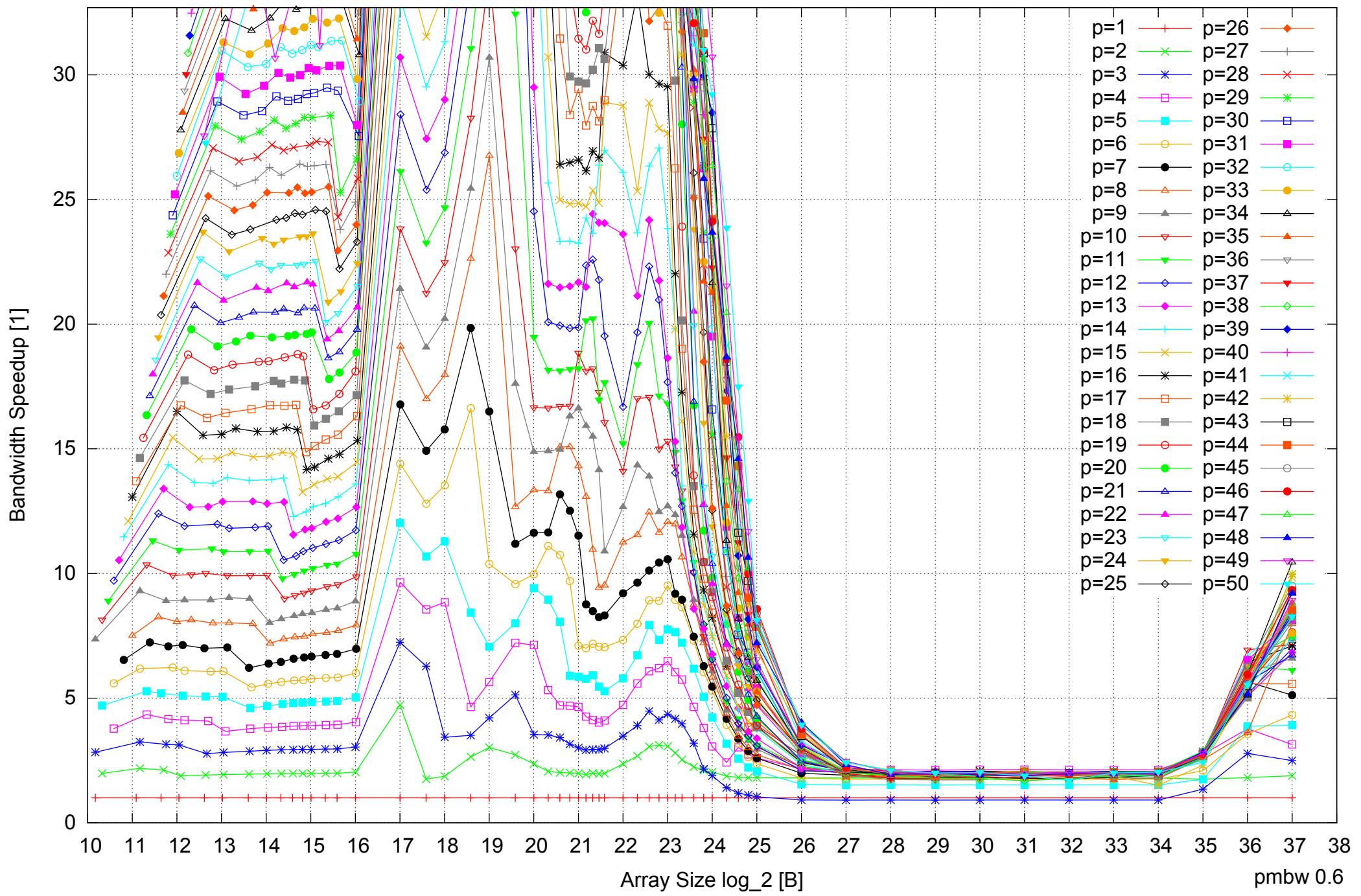
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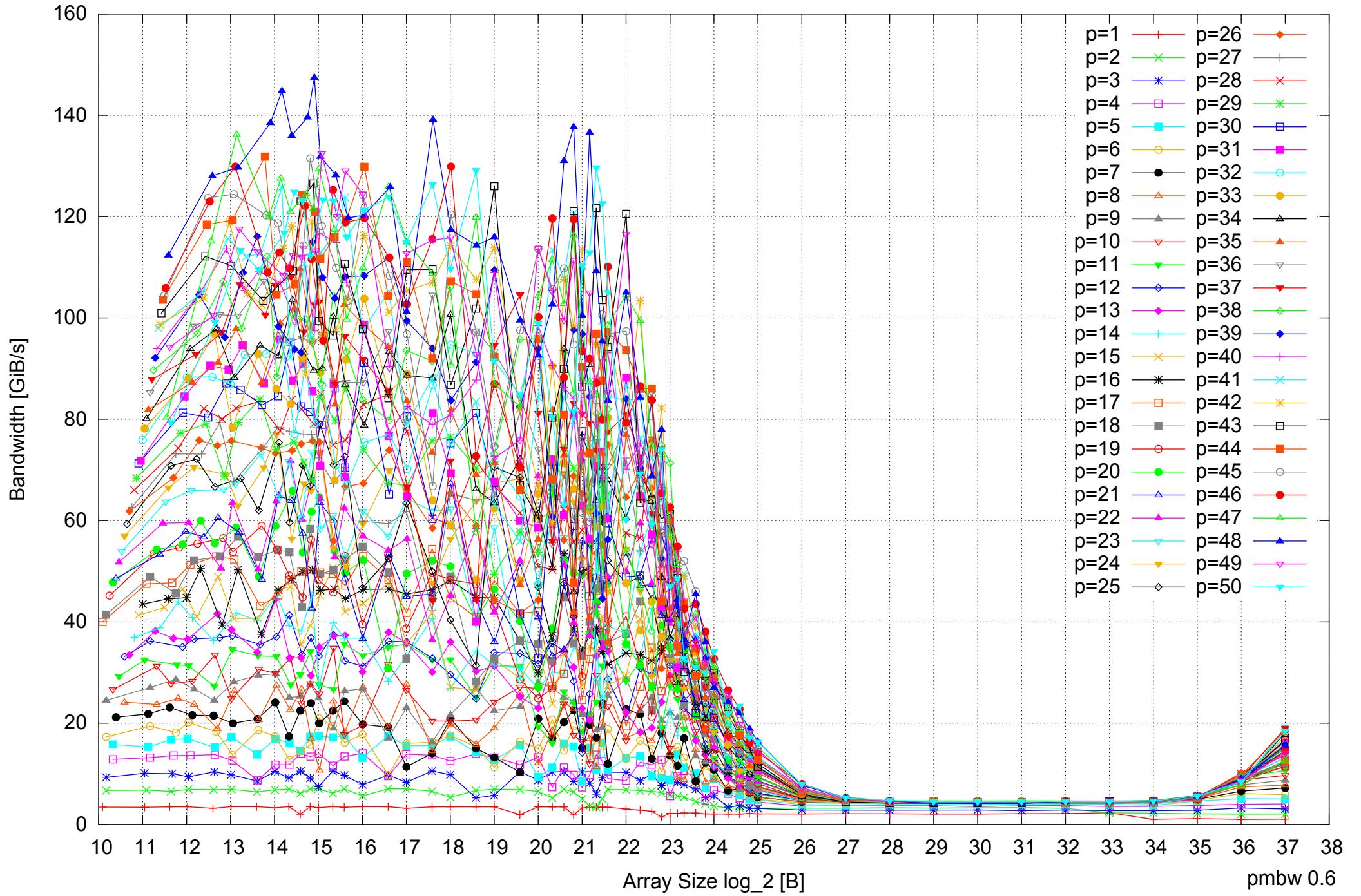
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanRead64IndexUnrollLoop



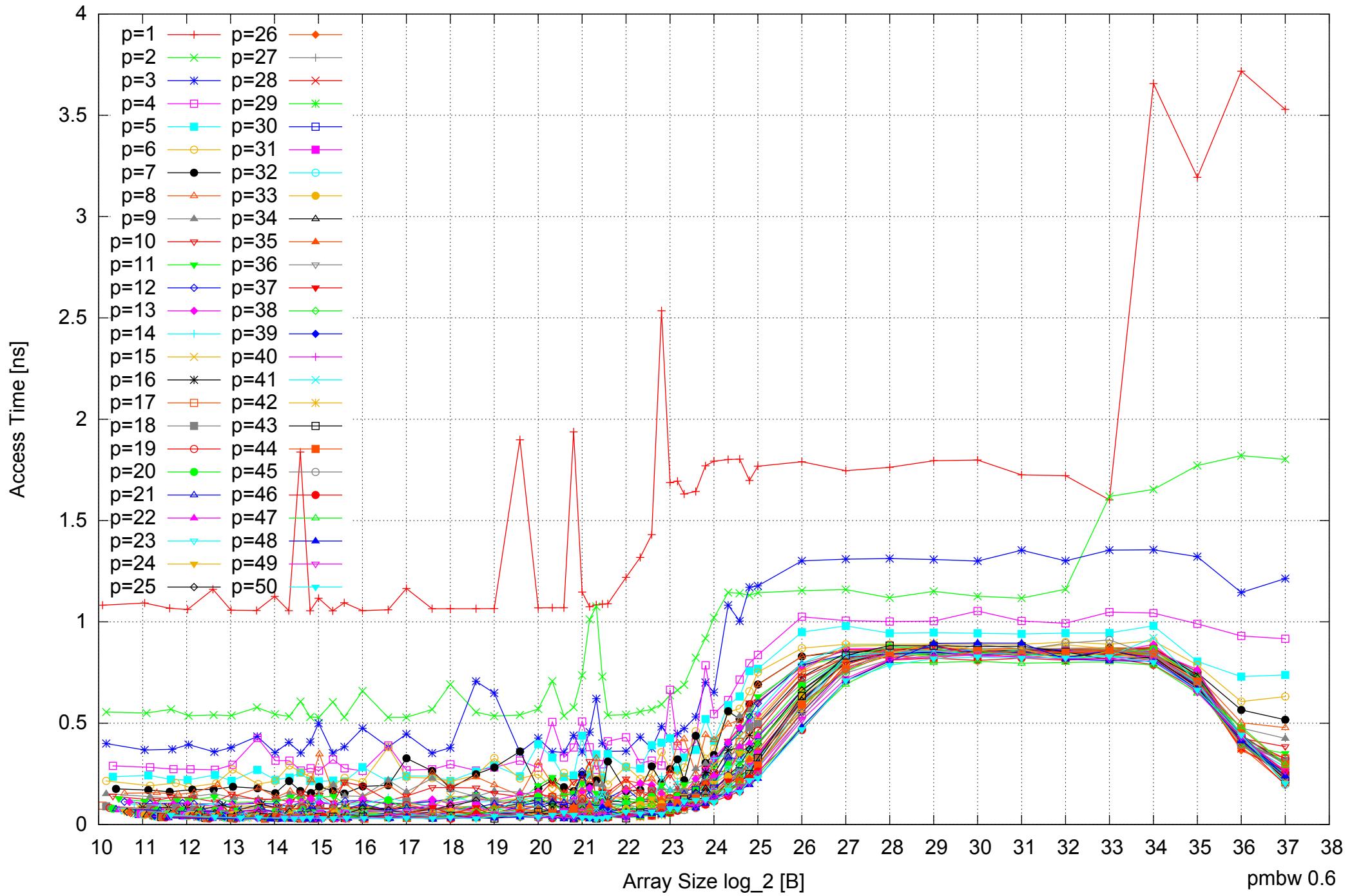
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanRead64IndexUnrollLoop



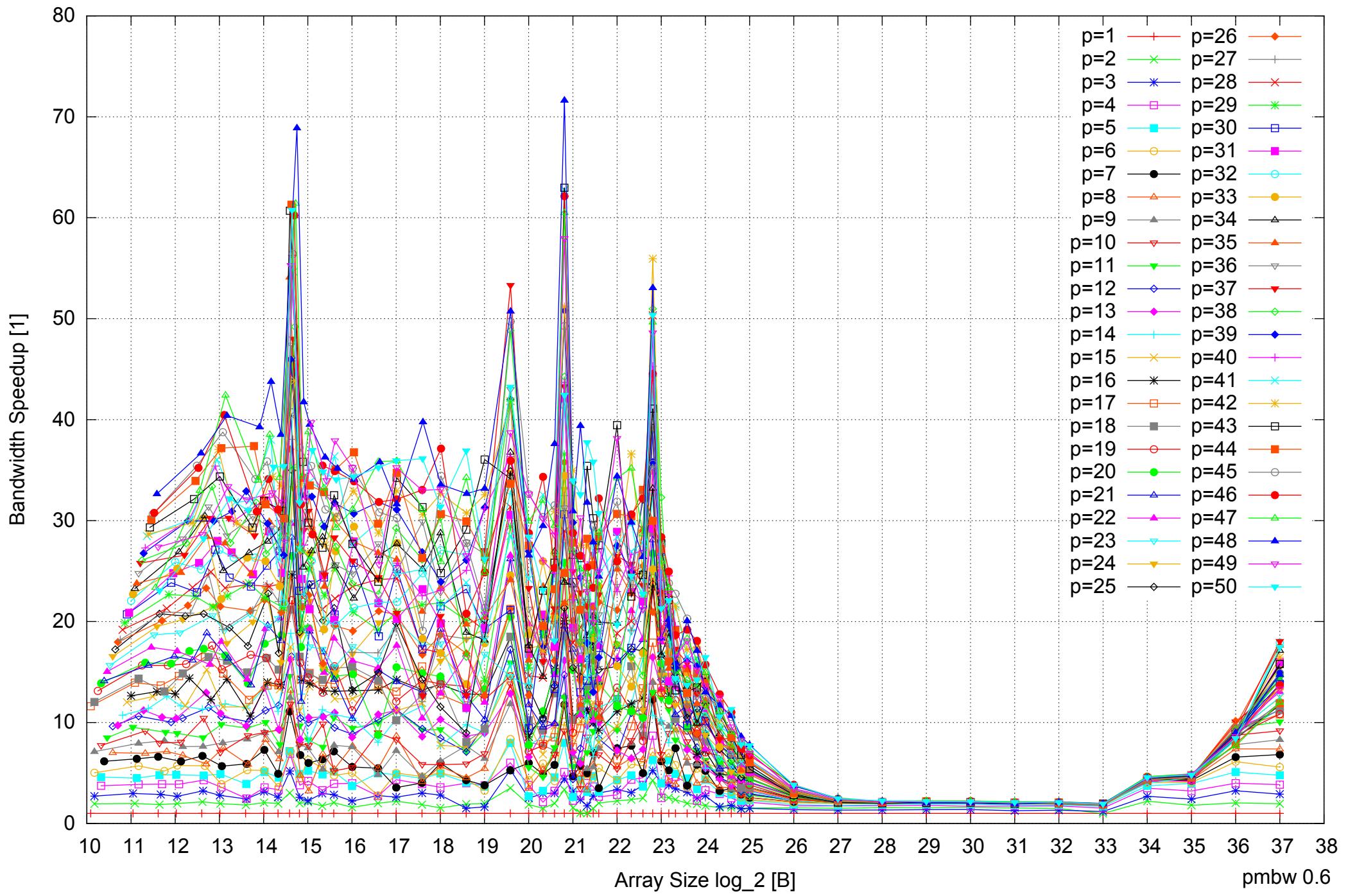
AMD Opteron 6168 256GB - Memory Bandwidth - ScanWrite32PtrSimpleLoop



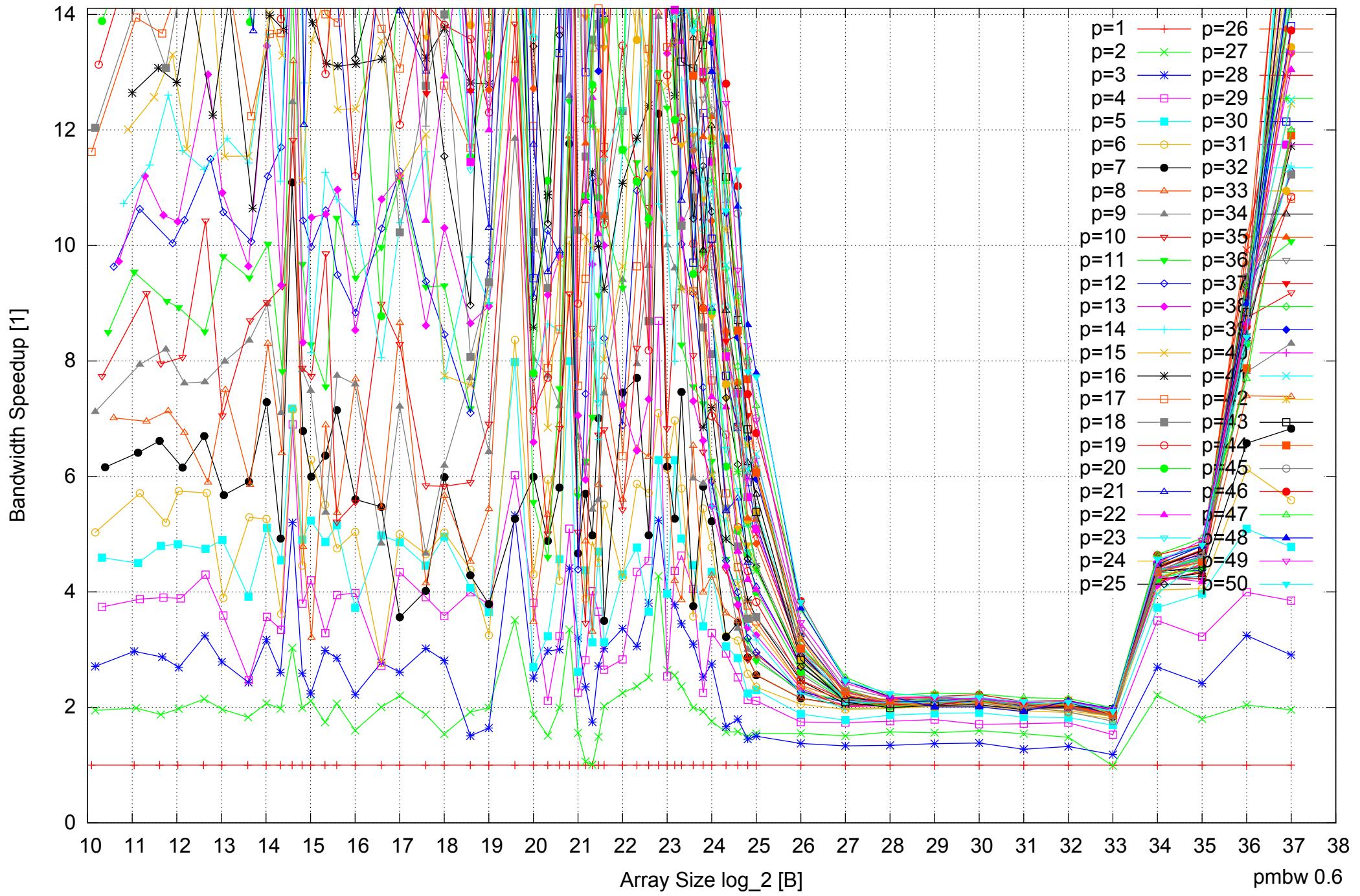
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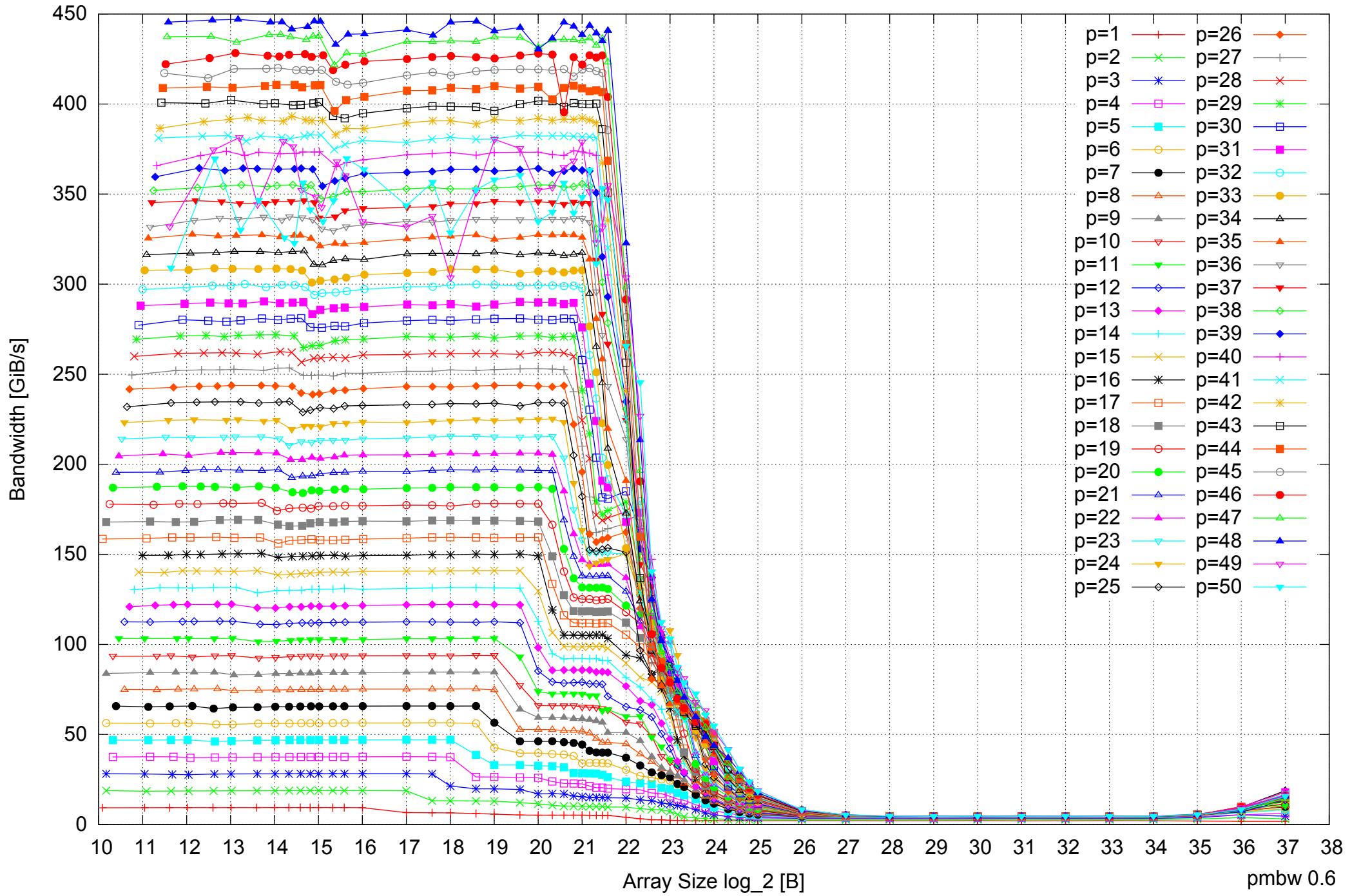
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanWrite32PtrSimpleLoop



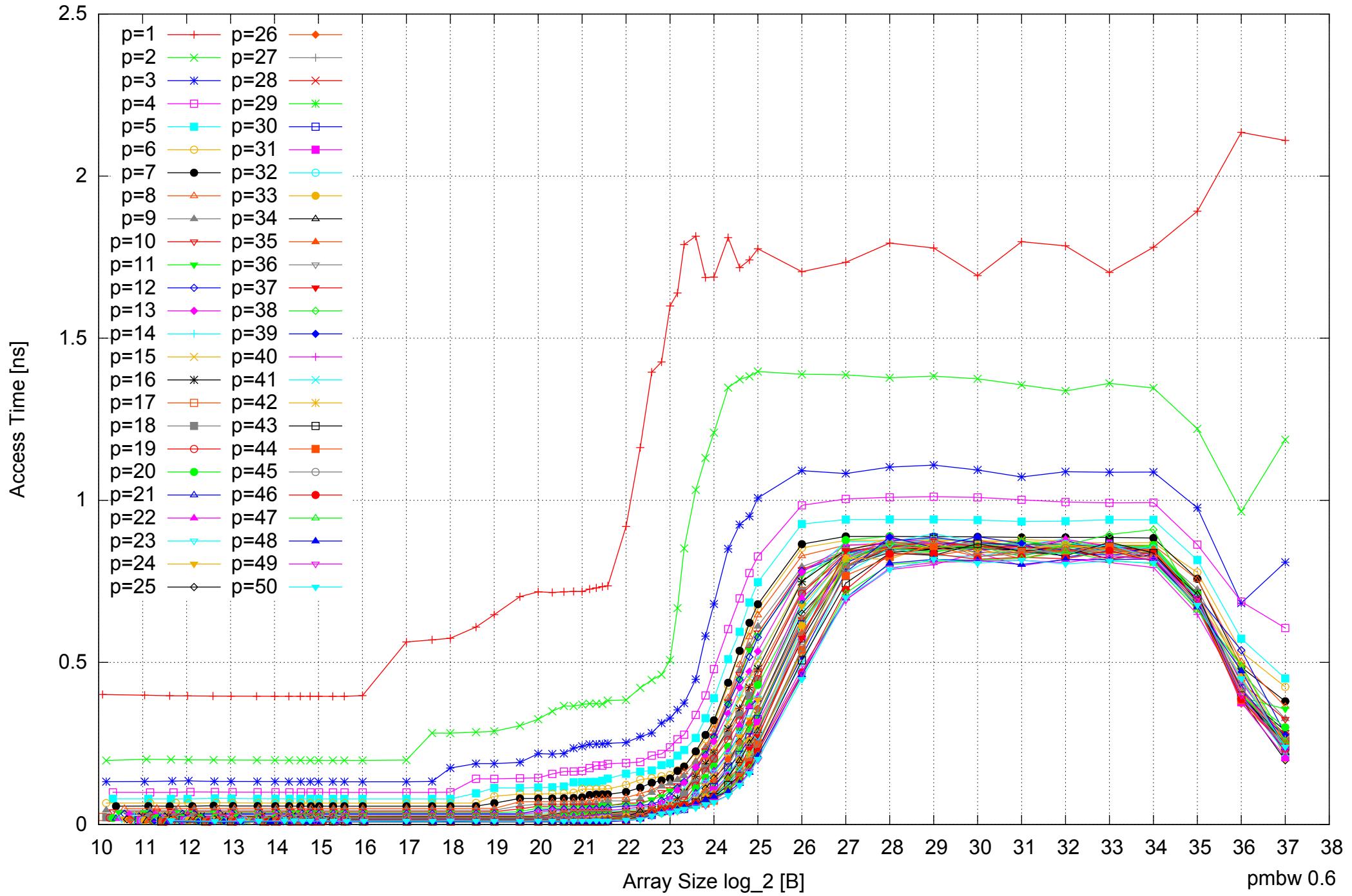
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite32PtrSimpleLoop



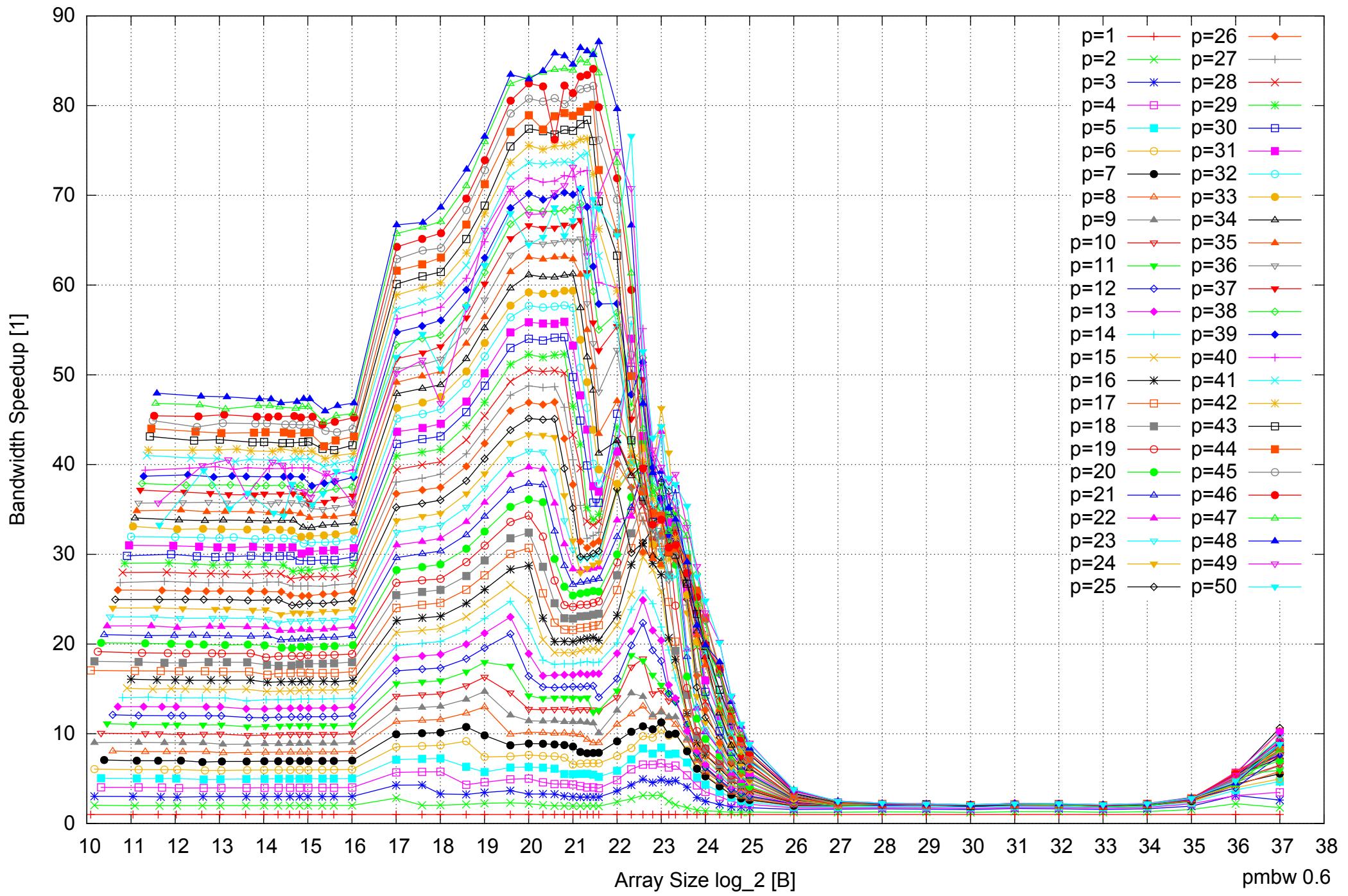
AMD Opteron 6168 256GB - Memory Bandwidth - ScanWrite32PtrUnrollLoop



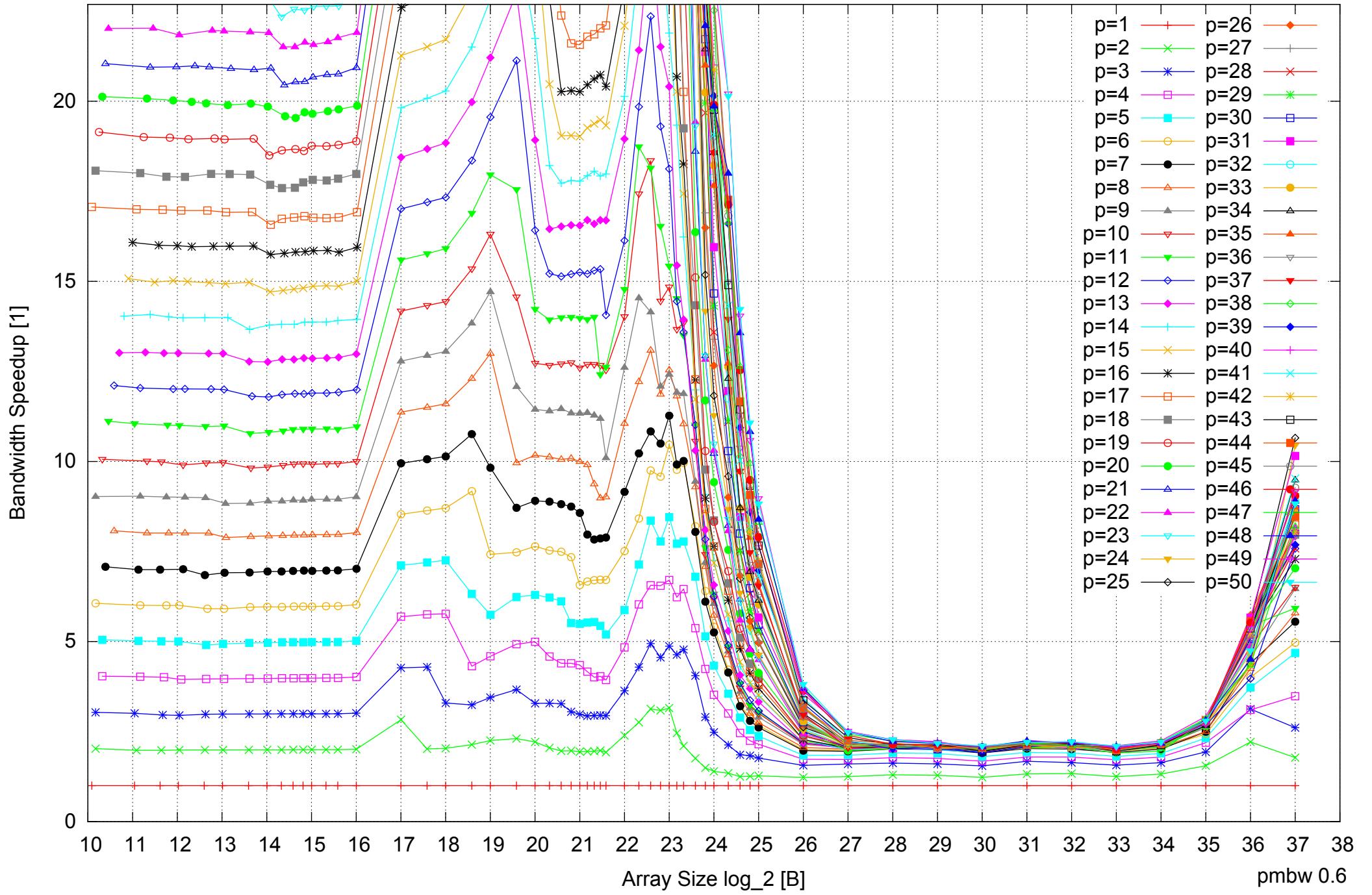
AMD Opteron 6168 256GB - Memory Latency - ScanWrite32PtrUnrollLoop



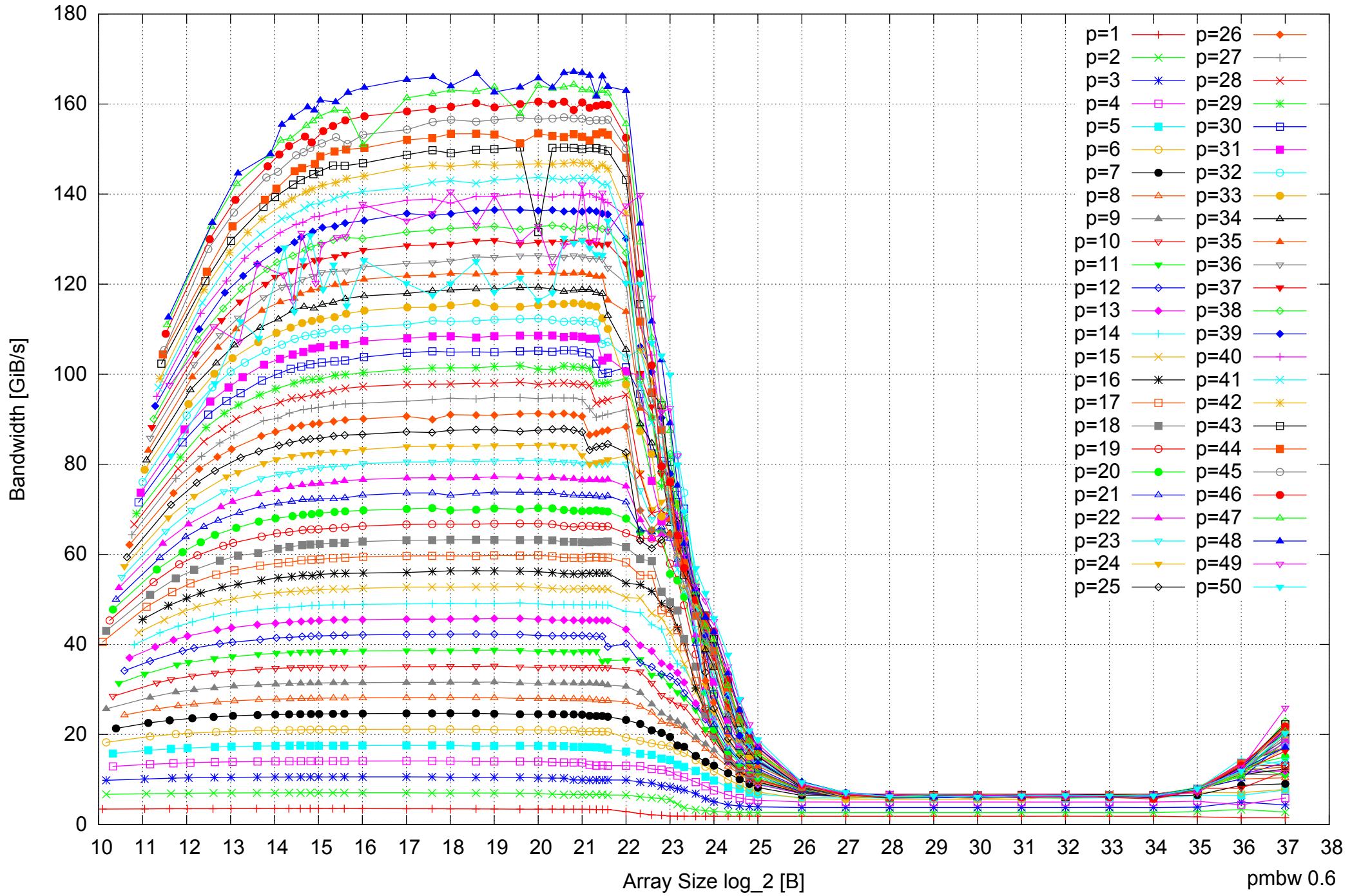
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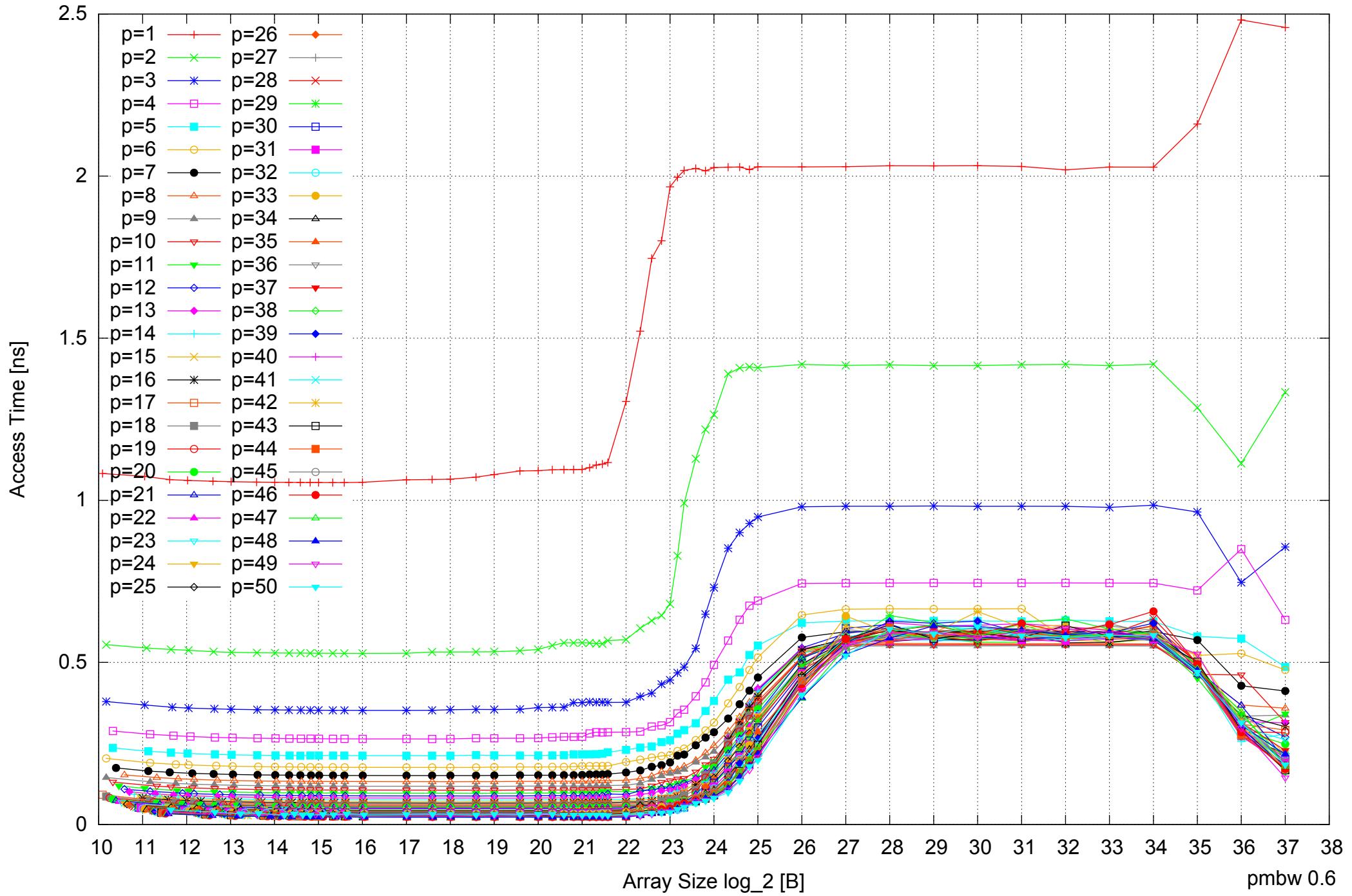
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanWrite32PtrUnrollLoop



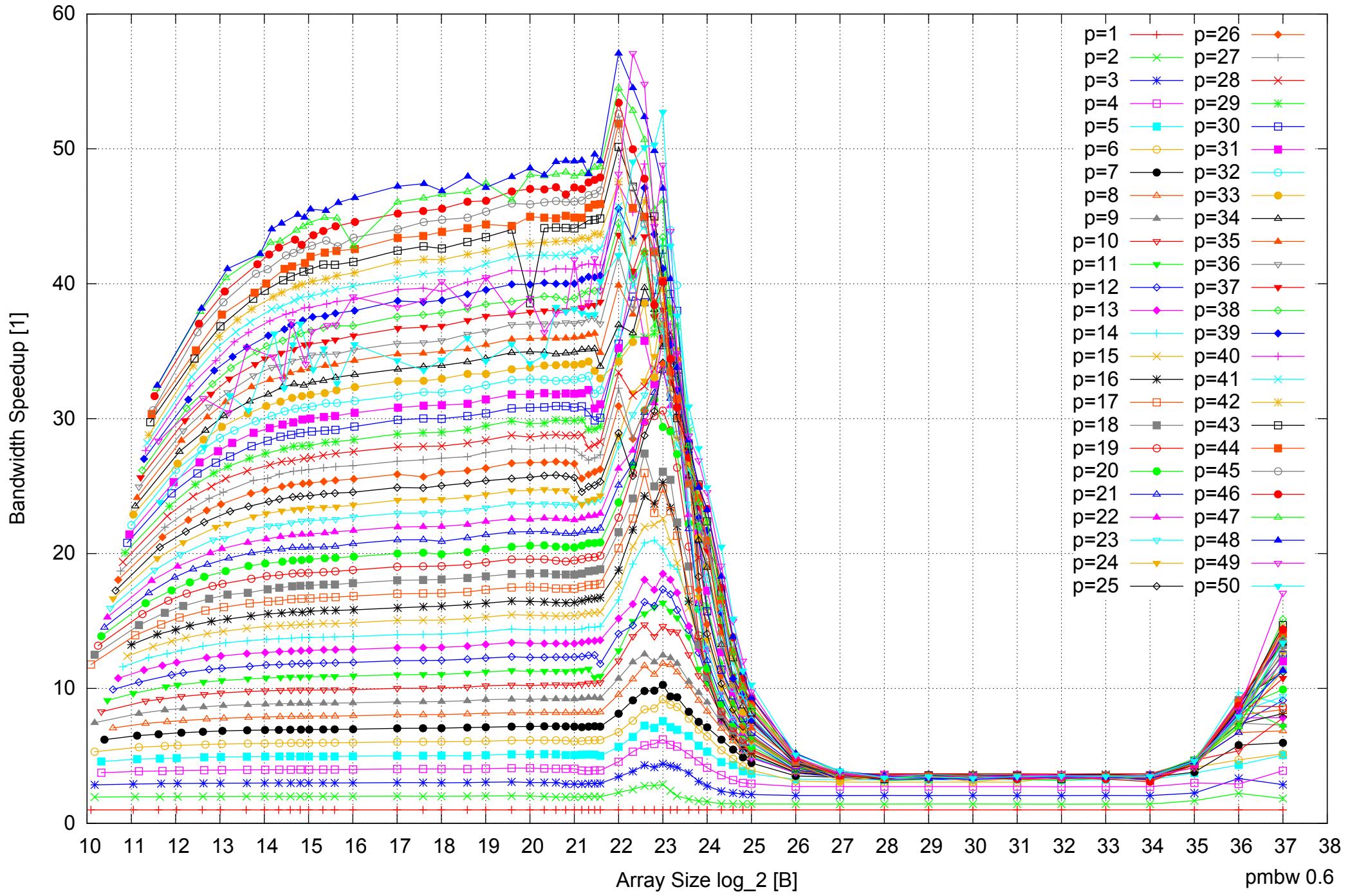
AMD Opteron 6168 256GB - Memory Bandwidth - ScanRead32PtrSimpleLoop



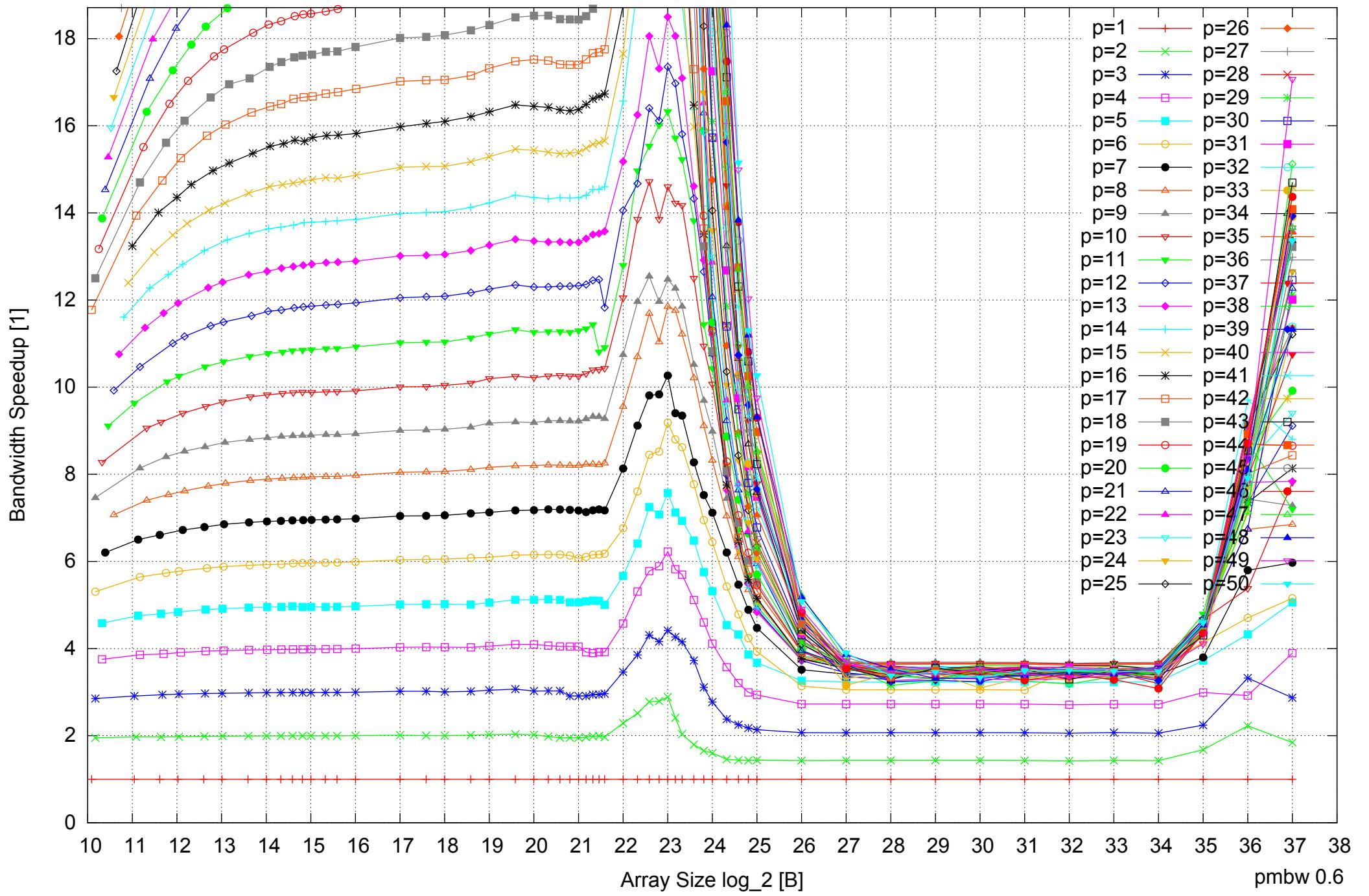
AMD Opteron 6168 256GB - Memory Latency - ScanRead32PtrSimpleLoop



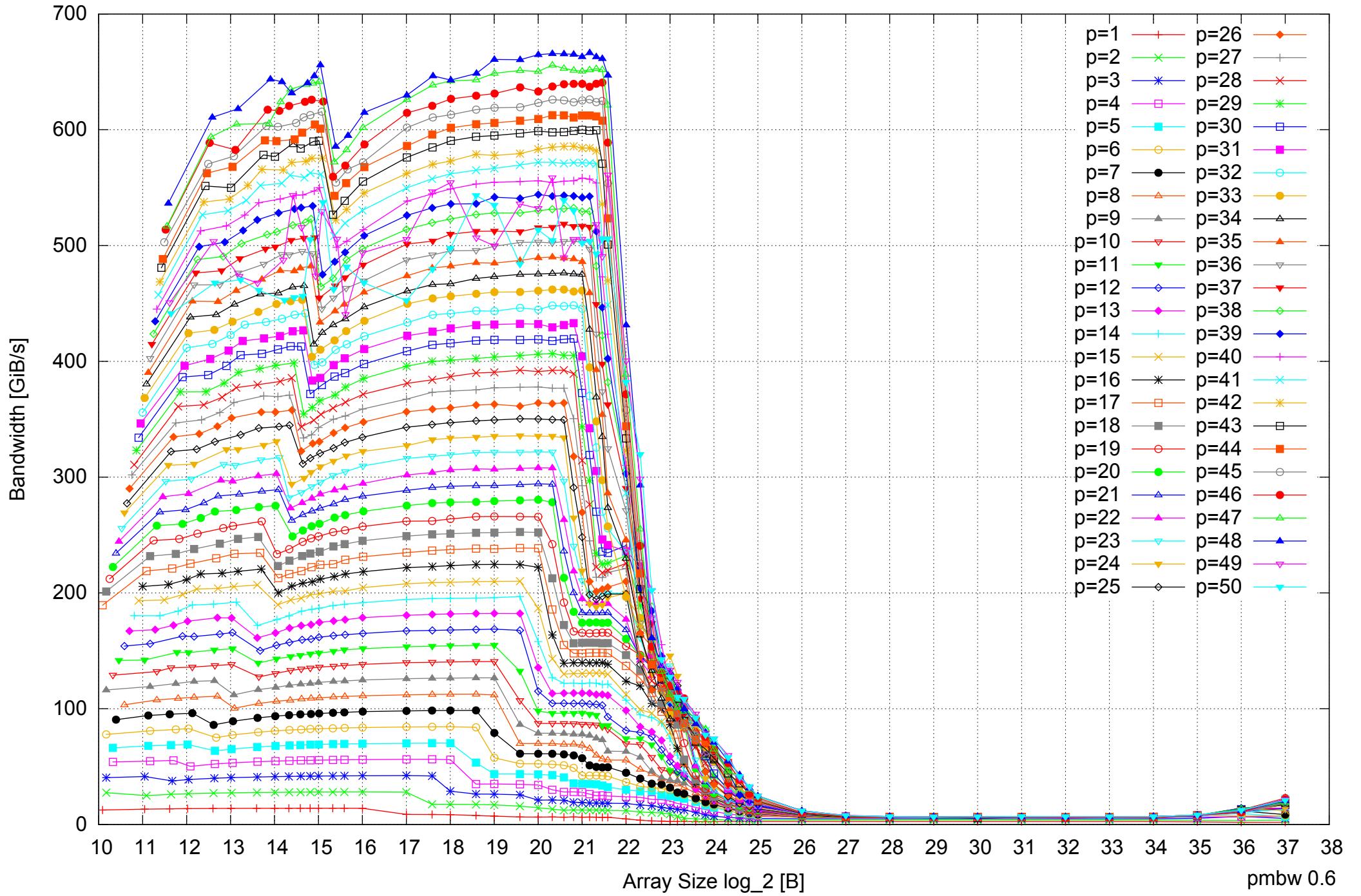
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanRead32PtrSimpleLoop



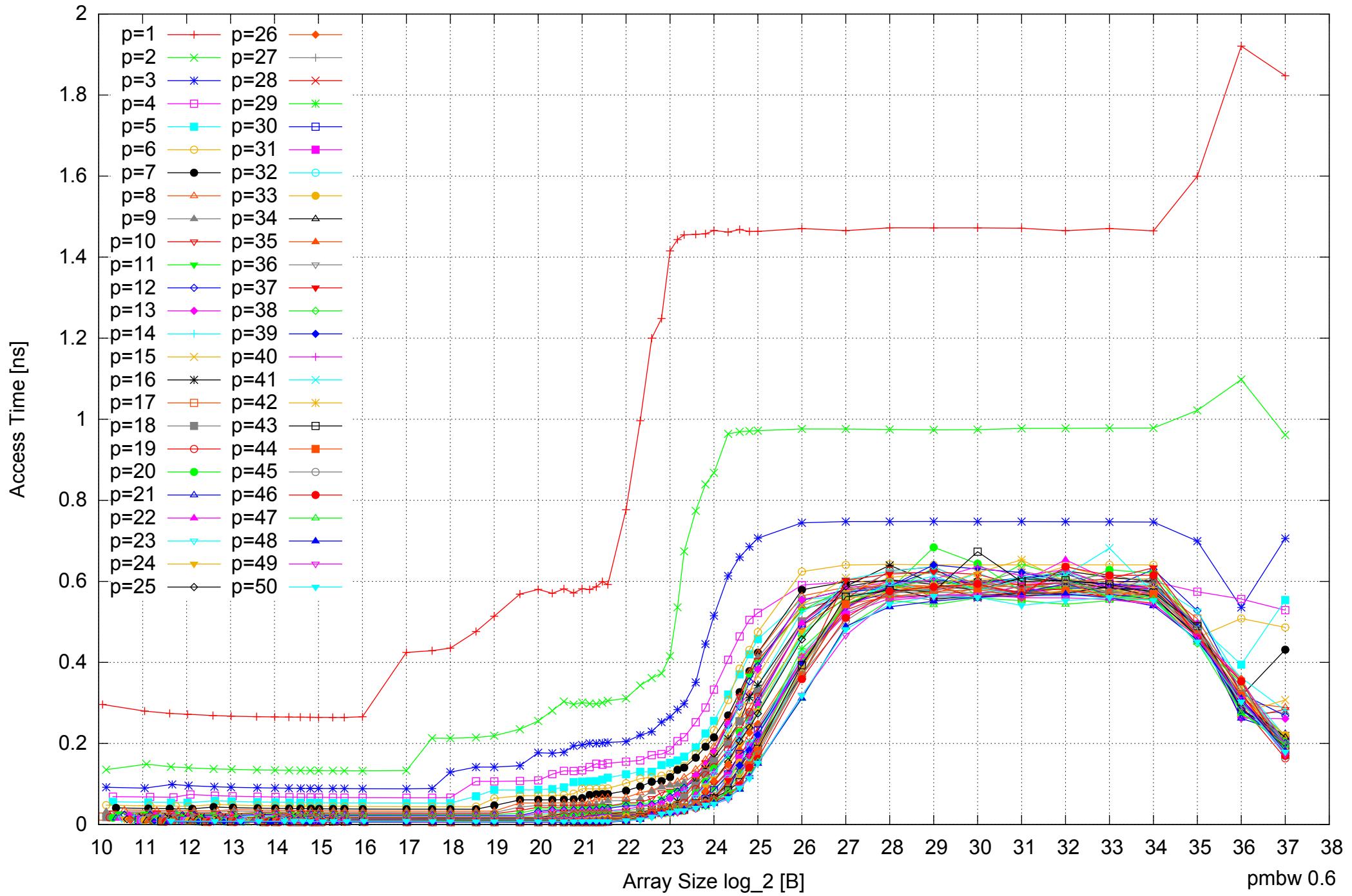
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanRead32PtrSimpleLoop



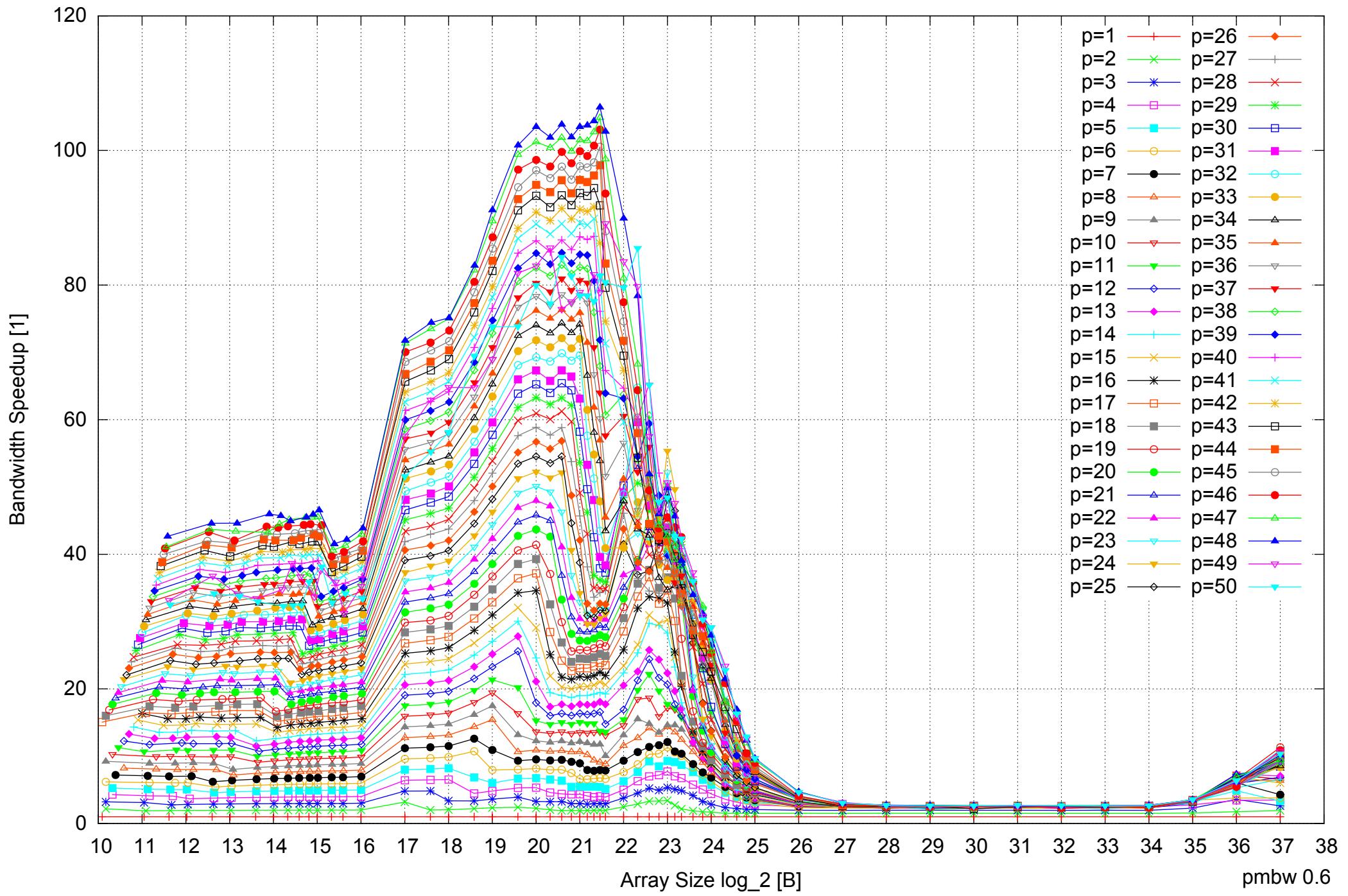
AMD Opteron 6168 256GB - Memory Bandwidth - ScanRead32PtrUnrollLoop



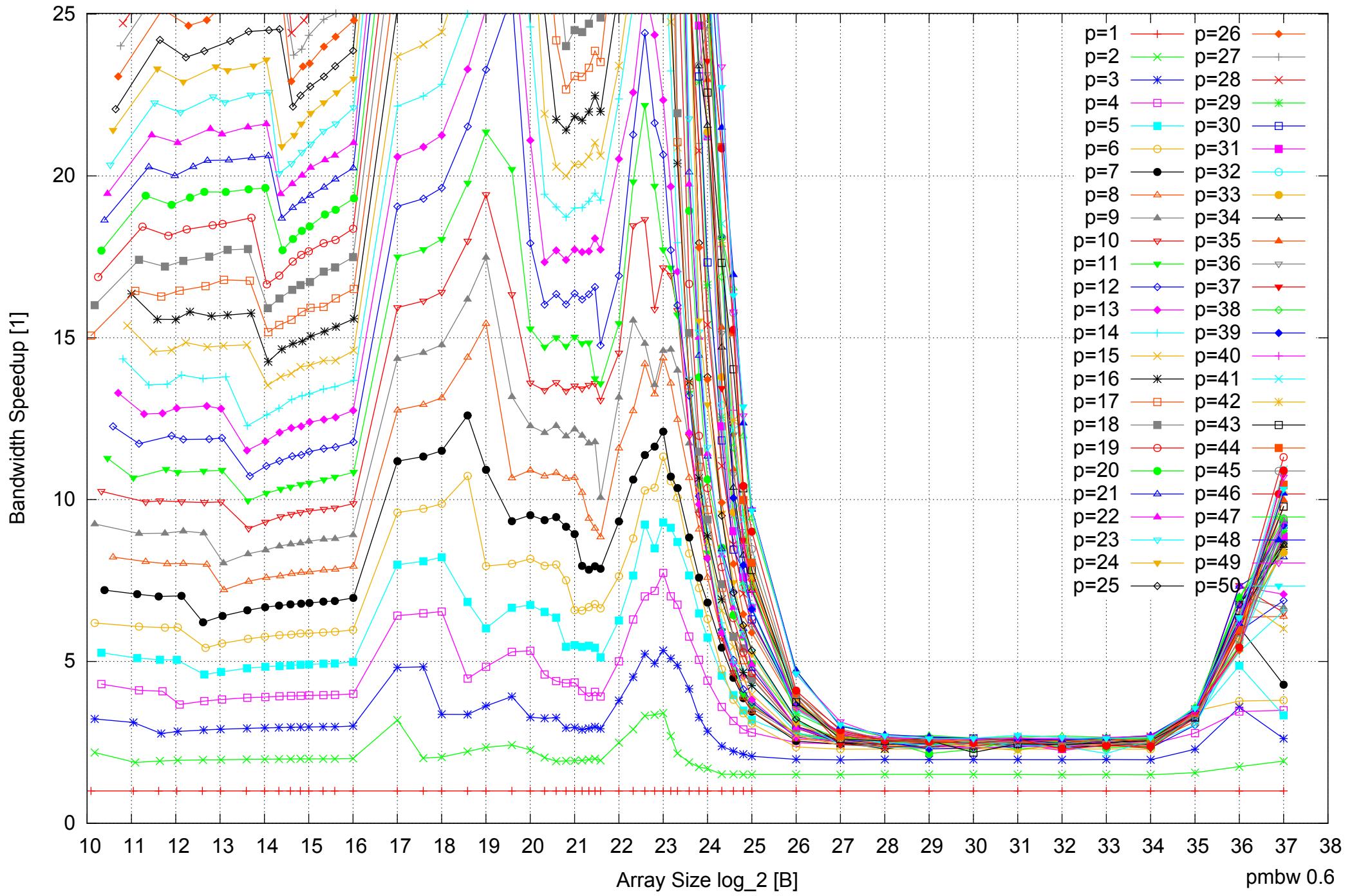
AMD Opteron 6168 256GB - Memory Latency - ScanRead32PtrUnrollLoop



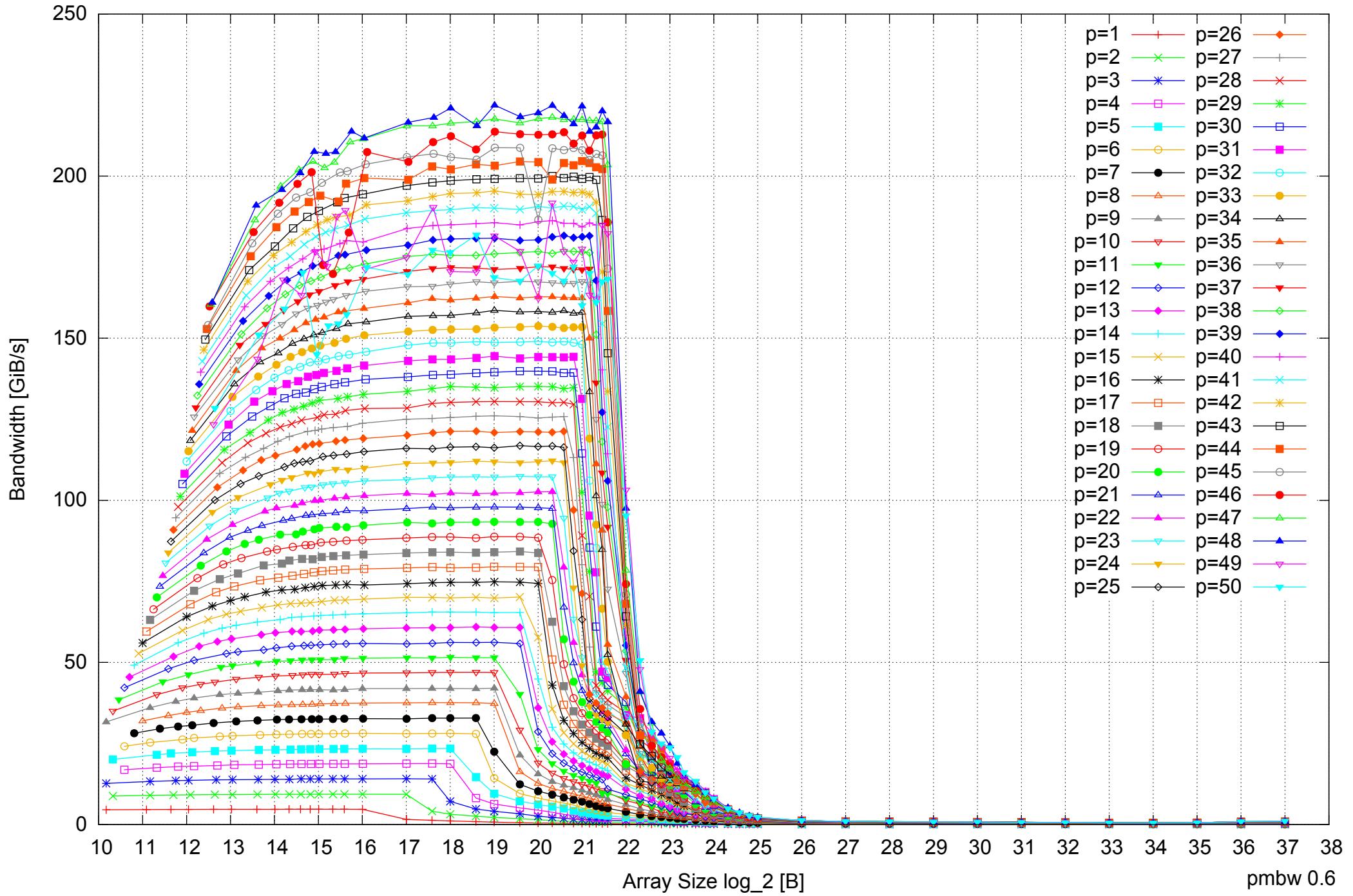
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - ScanRead32PtrUnrollLoop



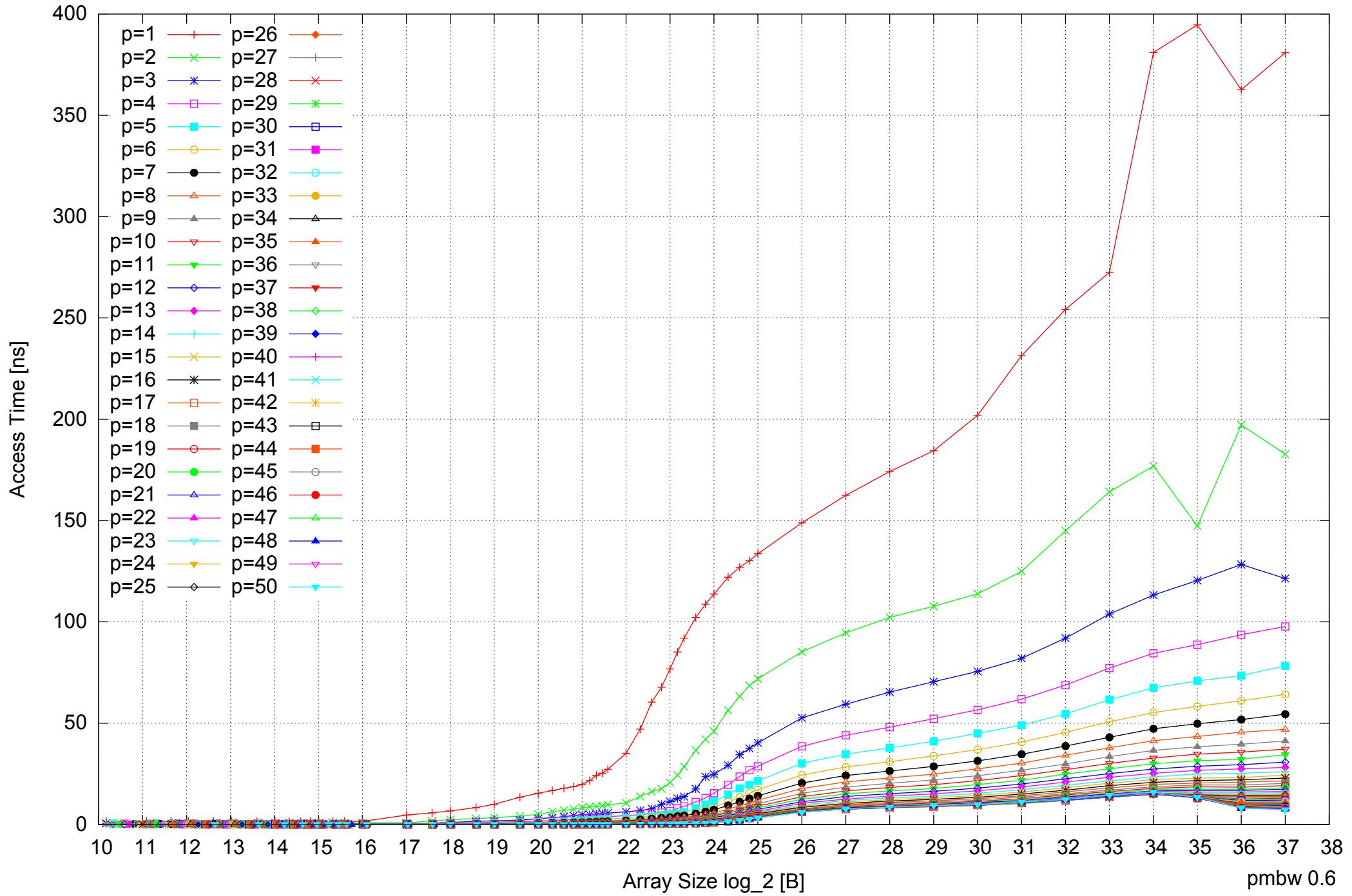
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - ScanRead32PtrUnrollLoop



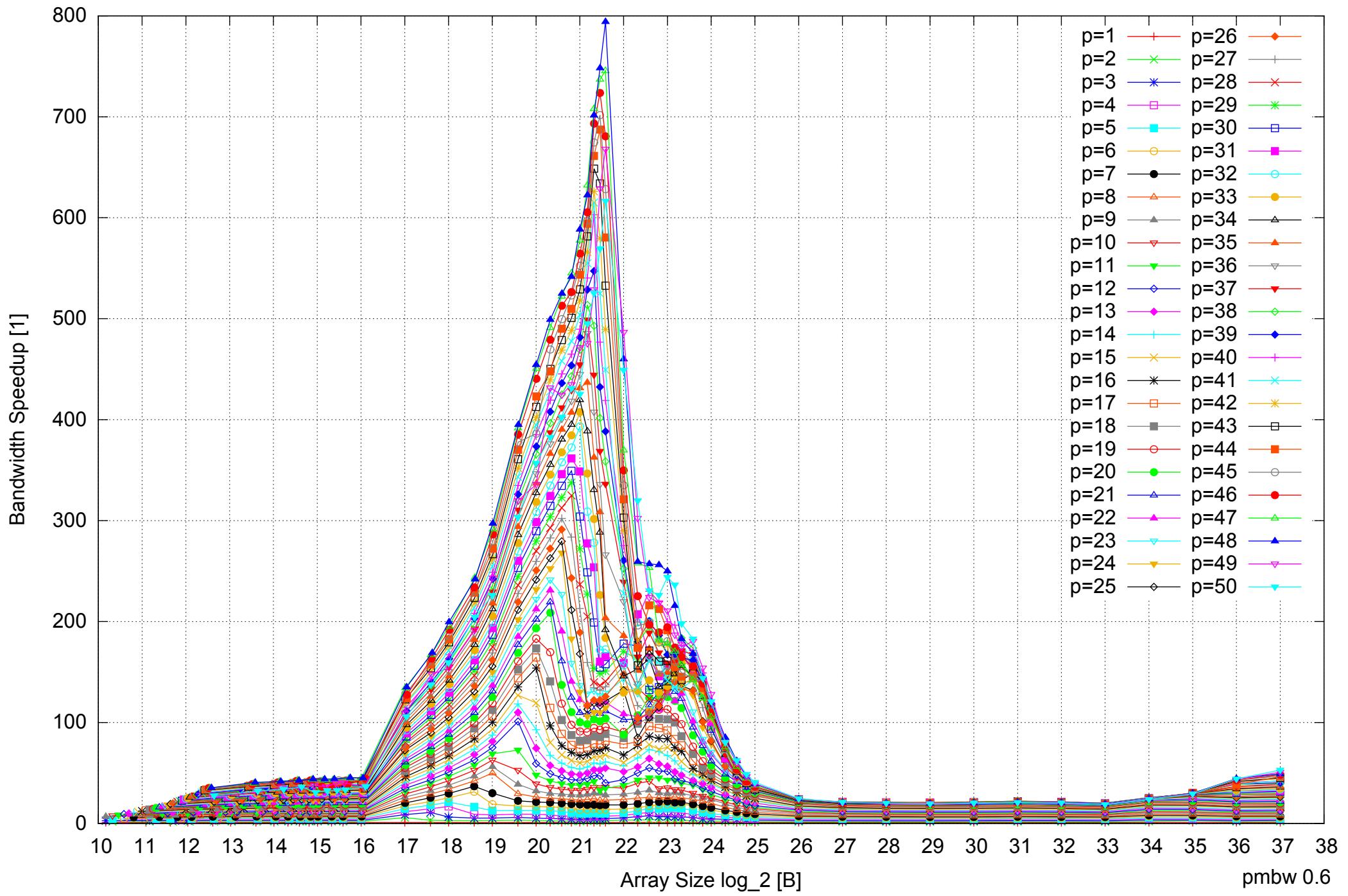
AMD Opteron 6168 256GB - Memory Bandwidth - PermRead64SimpleLoop



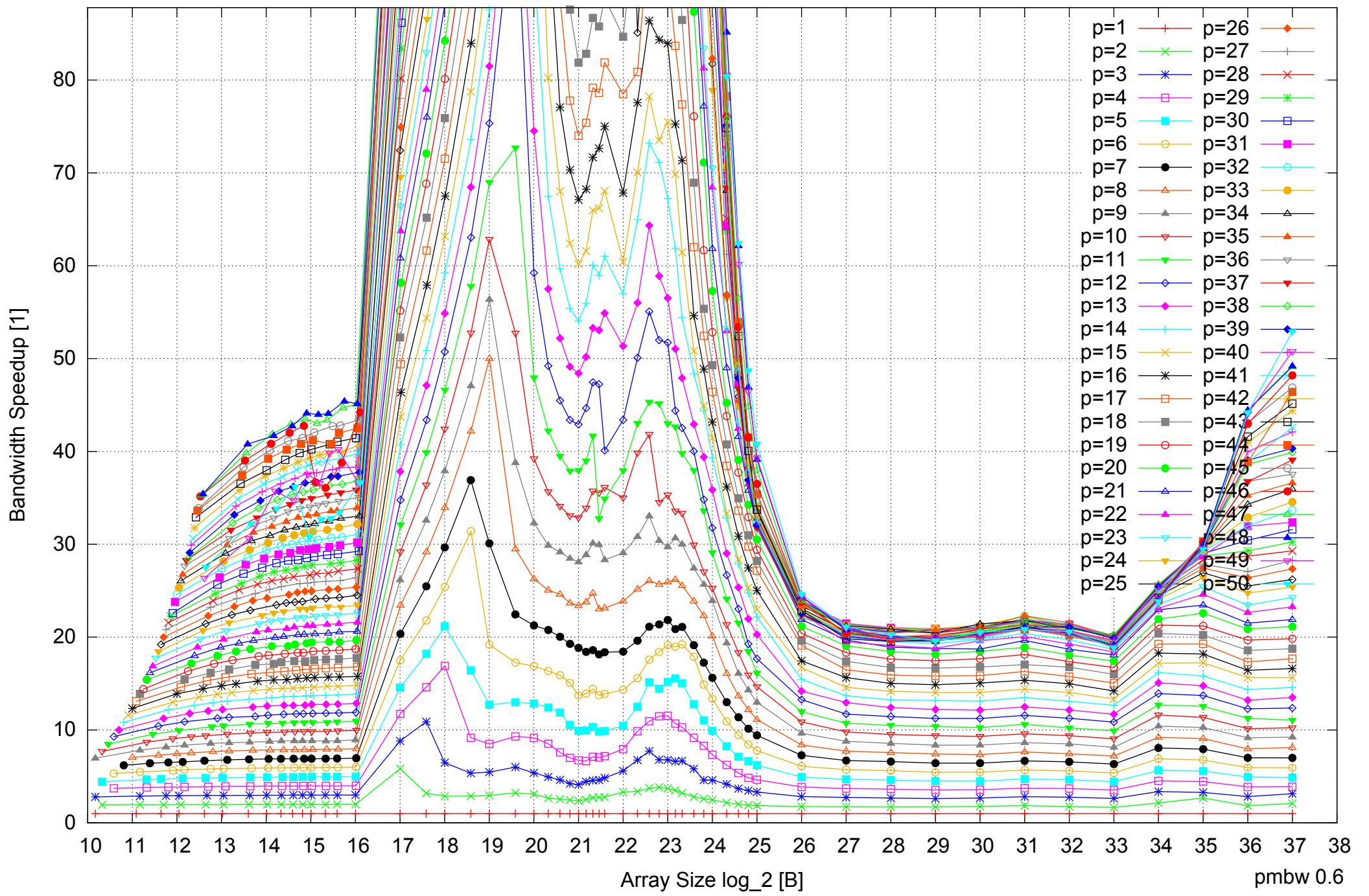
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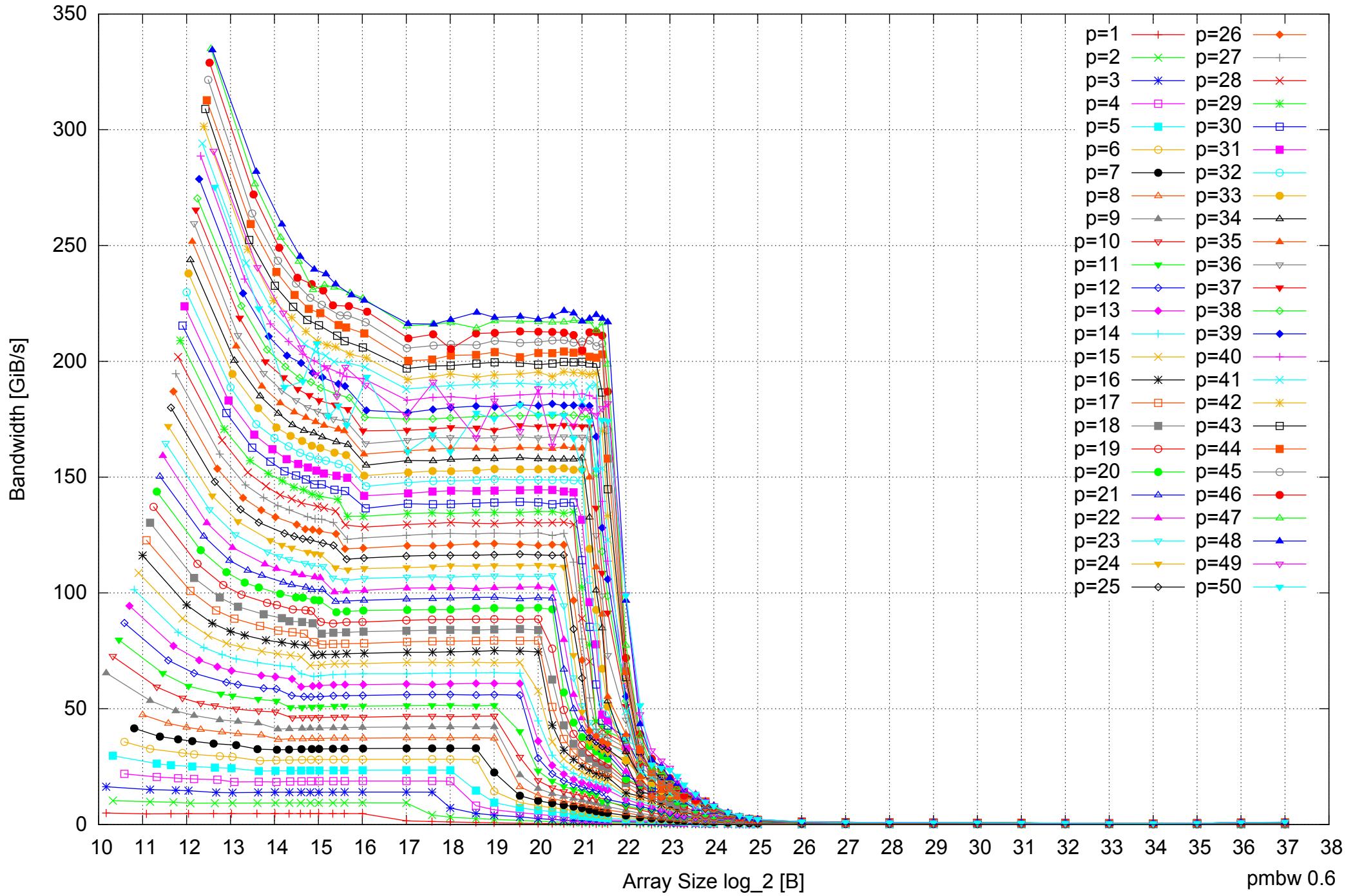
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - PermRead64SimpleLoop



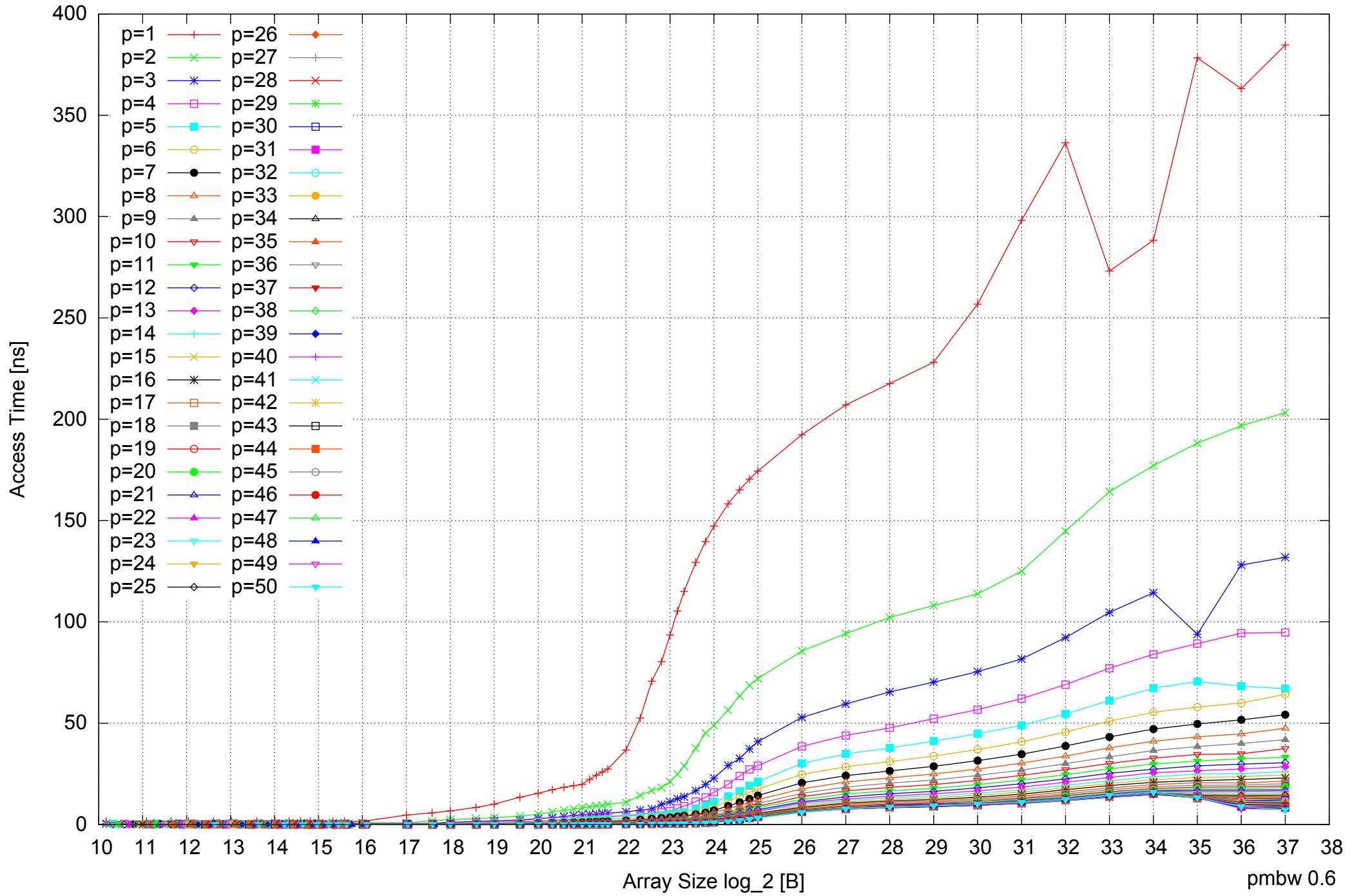
AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - PermRead64SimpleLoop



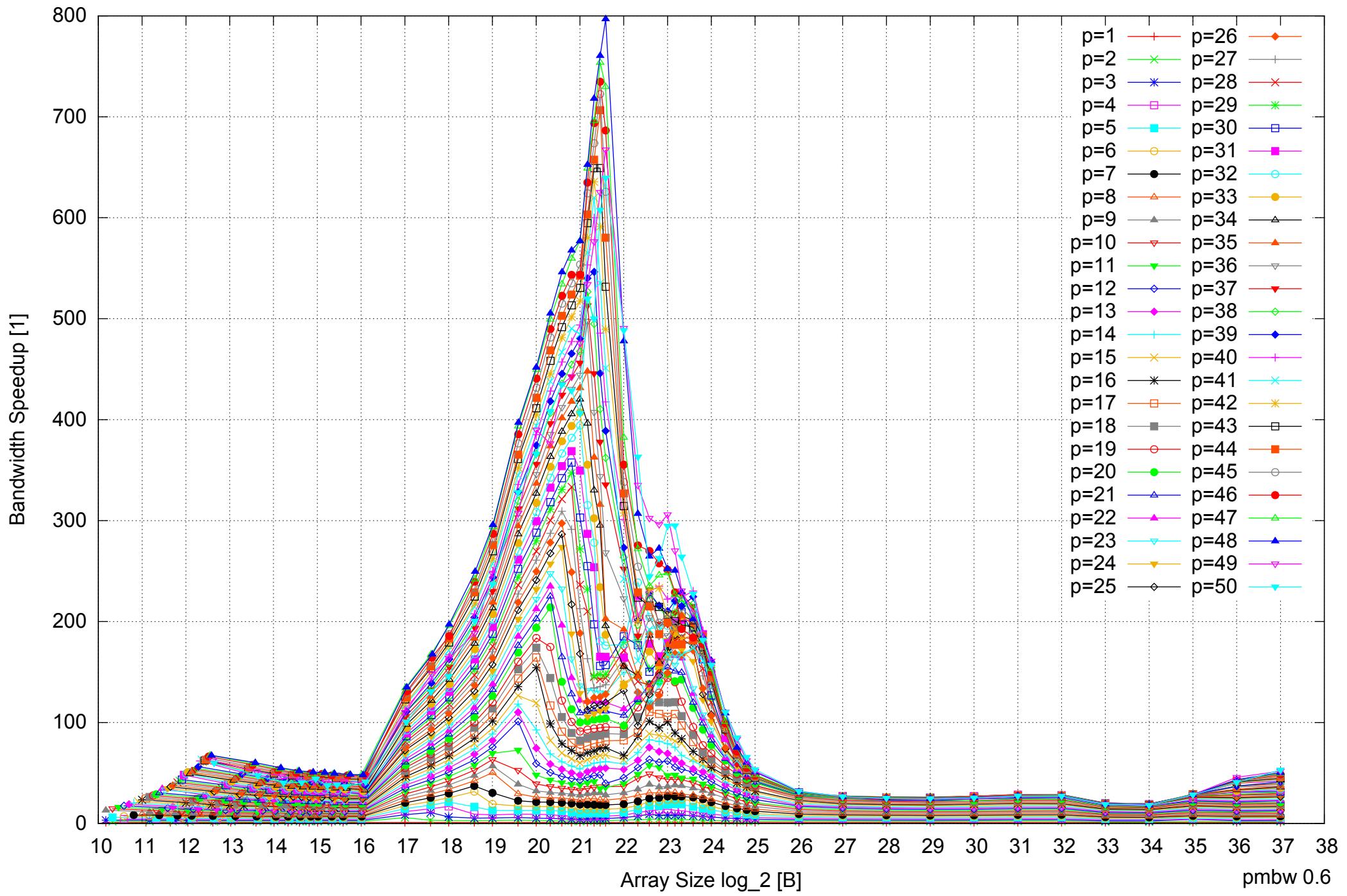
AMD Opteron 6168 256GB - Memory Bandwidth - PermRead64UnrollLoop



AMD Opteron 6168 256GB - Memory Latency - PermRead64UnrollLoop



AMD Opteron 6168 256GB - Speedup of Memory Bandwidth - PermRead64UnrollLoop



AMD Opteron 6168 256GB - Speedup of Memory Bandwidth (enlarged) - PermRead64UnrollLoop

