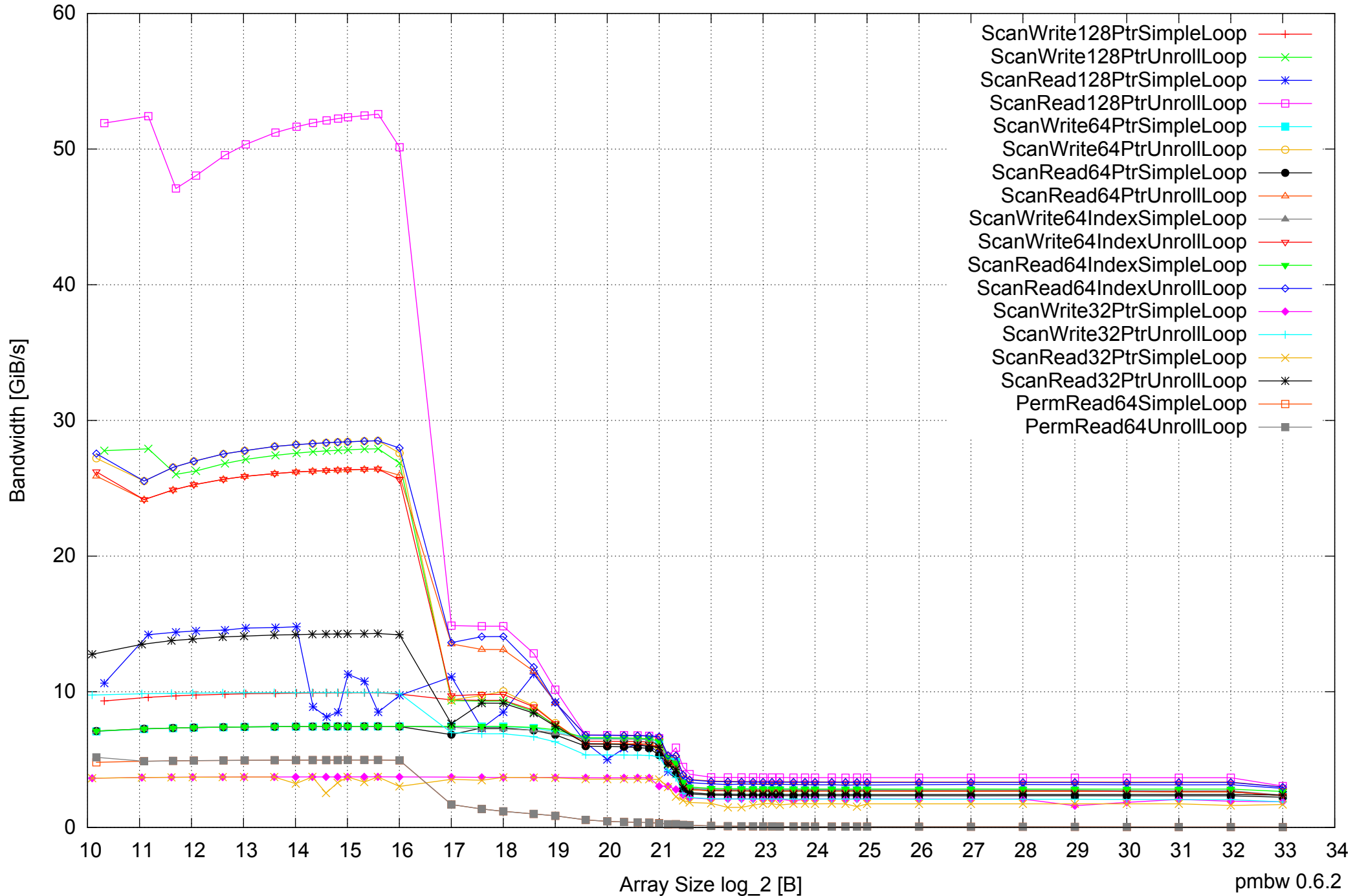
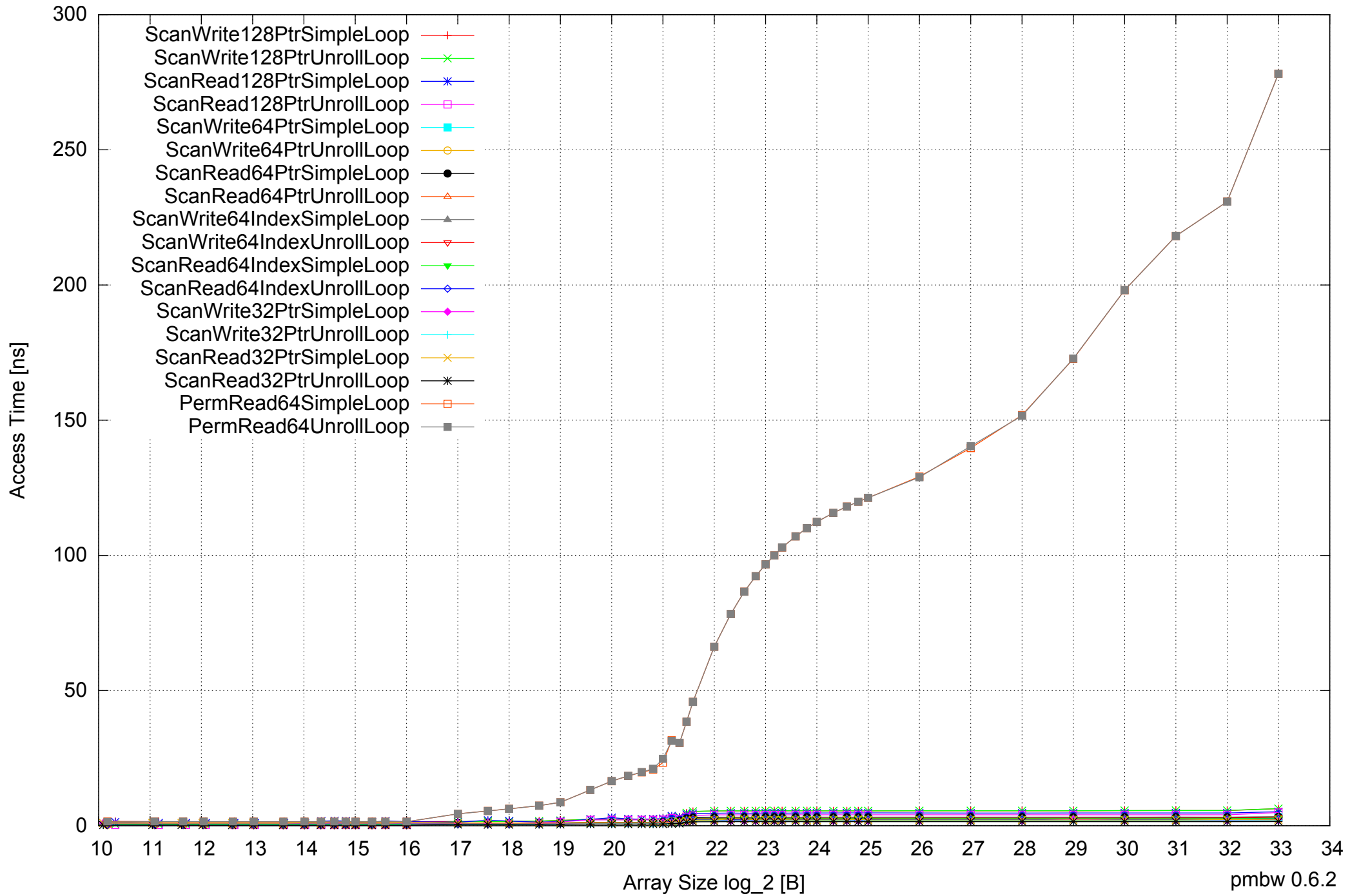


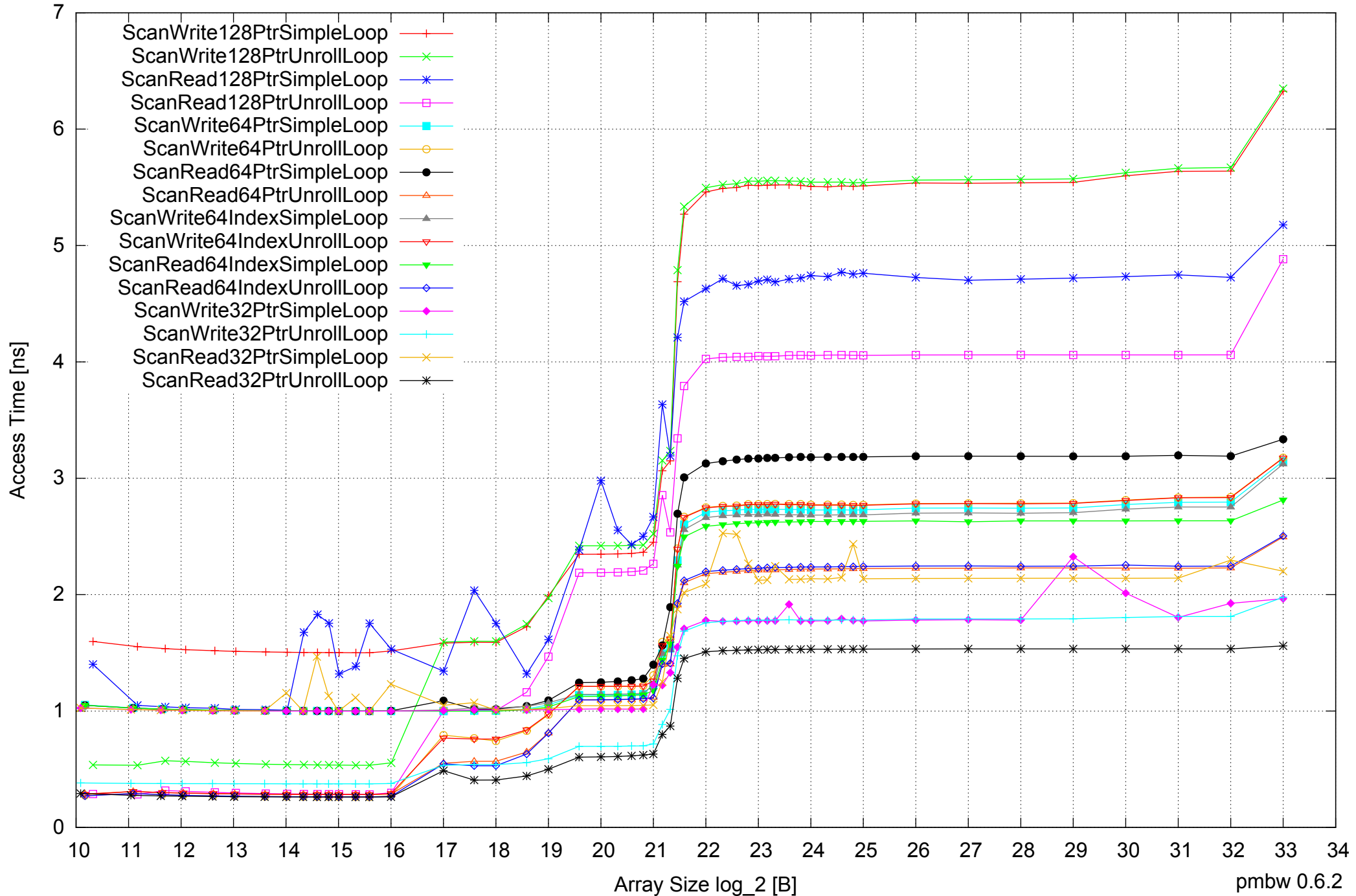
AMD Opteron 2350 16GB - One Thread Memory Bandwidth



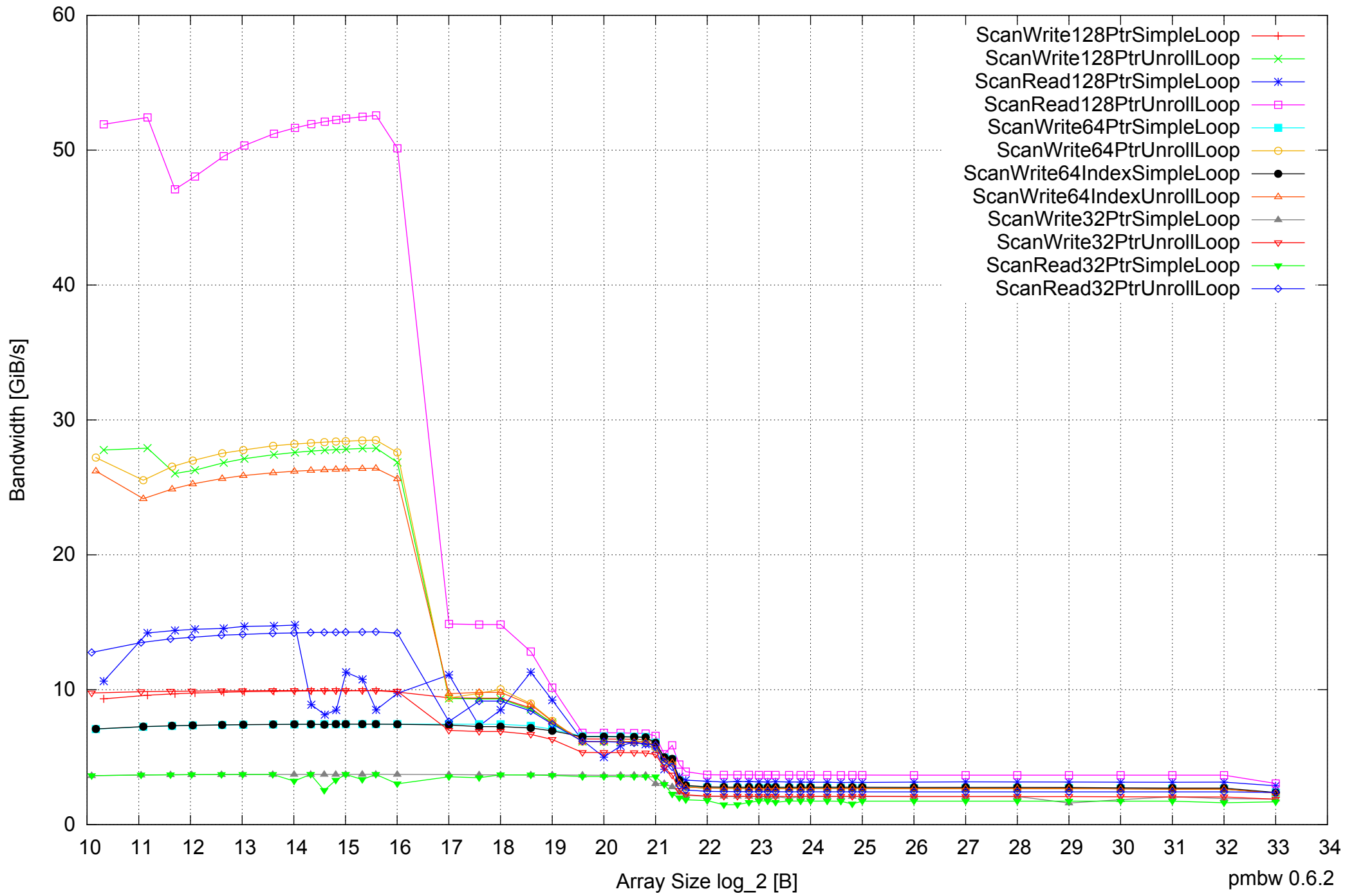
AMD Optron 2350 16GB - One Thread Memory Latency (Access Time)



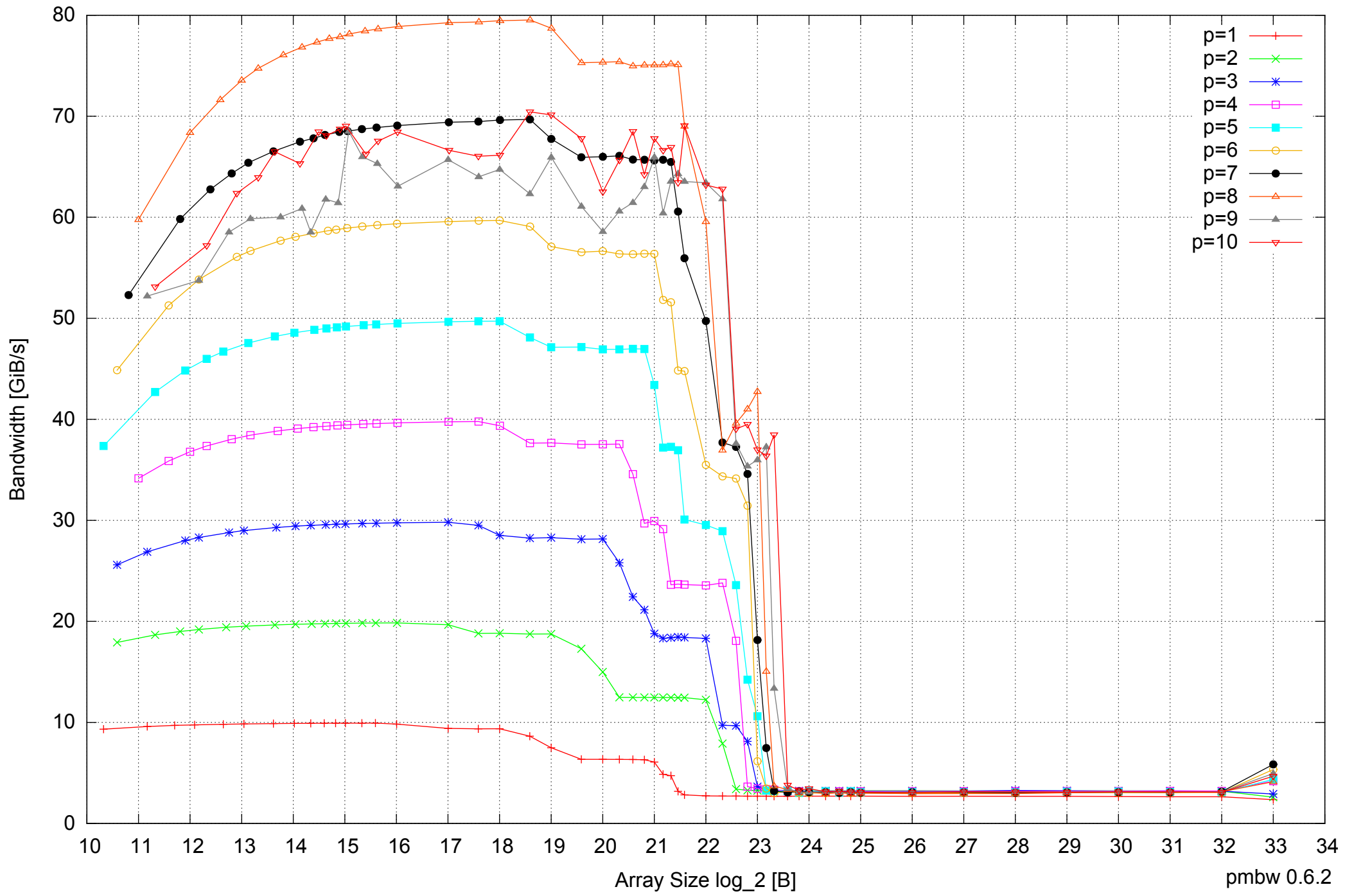
AMD Opteron 2350 16GB - One Thread Memory Latency (excluding Permutation)



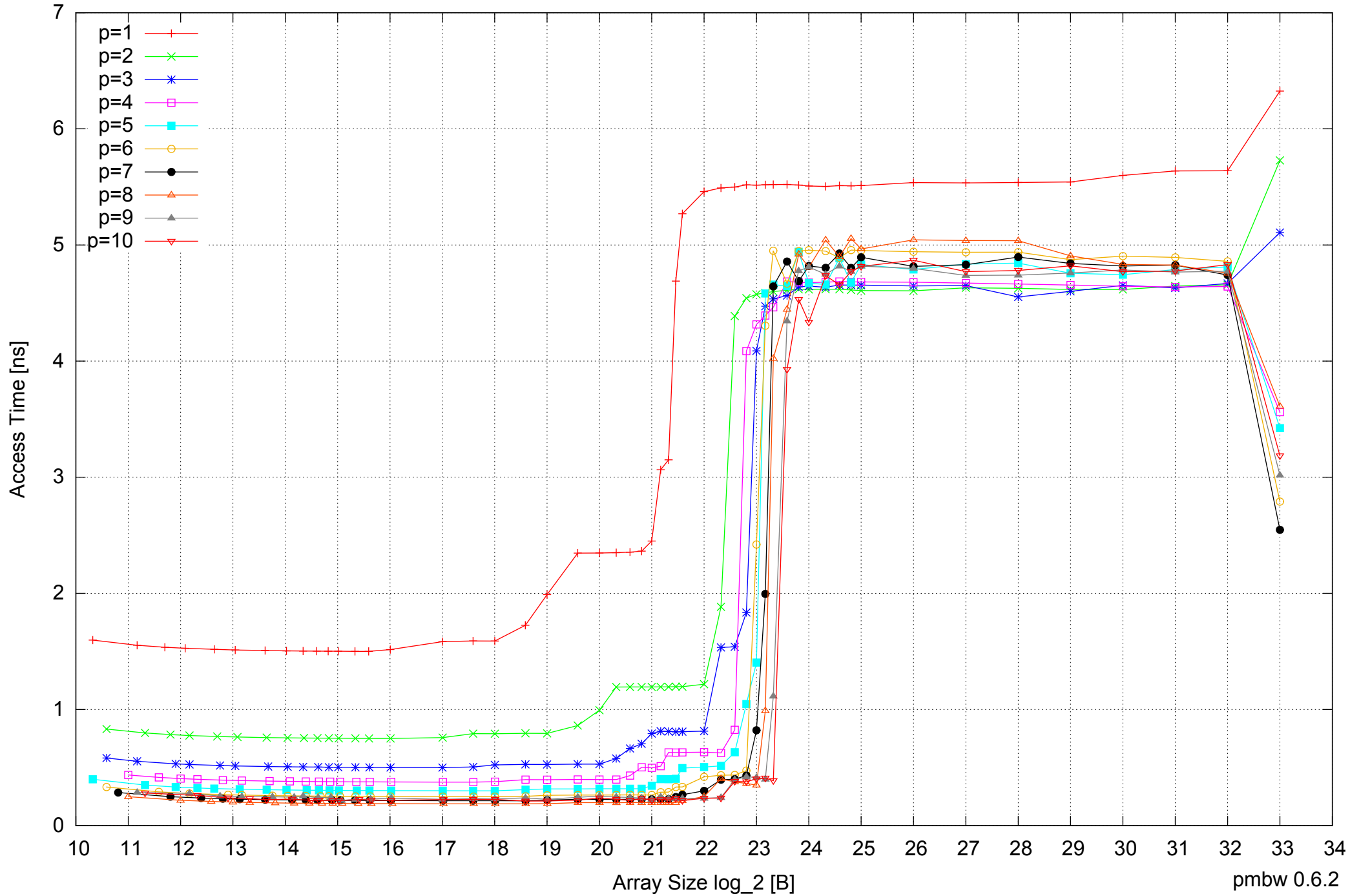
AMD Opteron 2350 16GB - One Thread Memory Bandwidth (only 64-bit Reads)



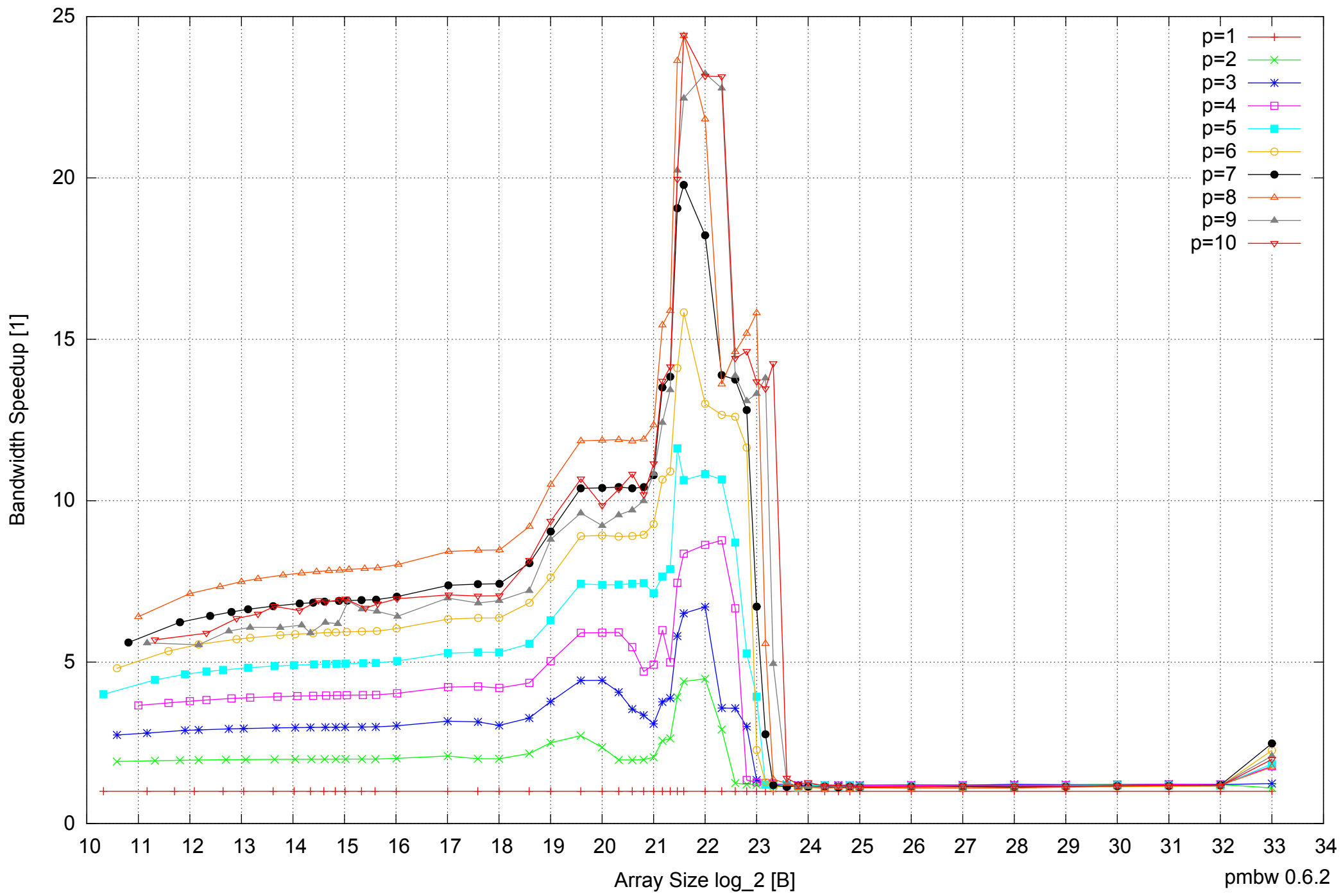
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanWrite128PtrSimpleLoop



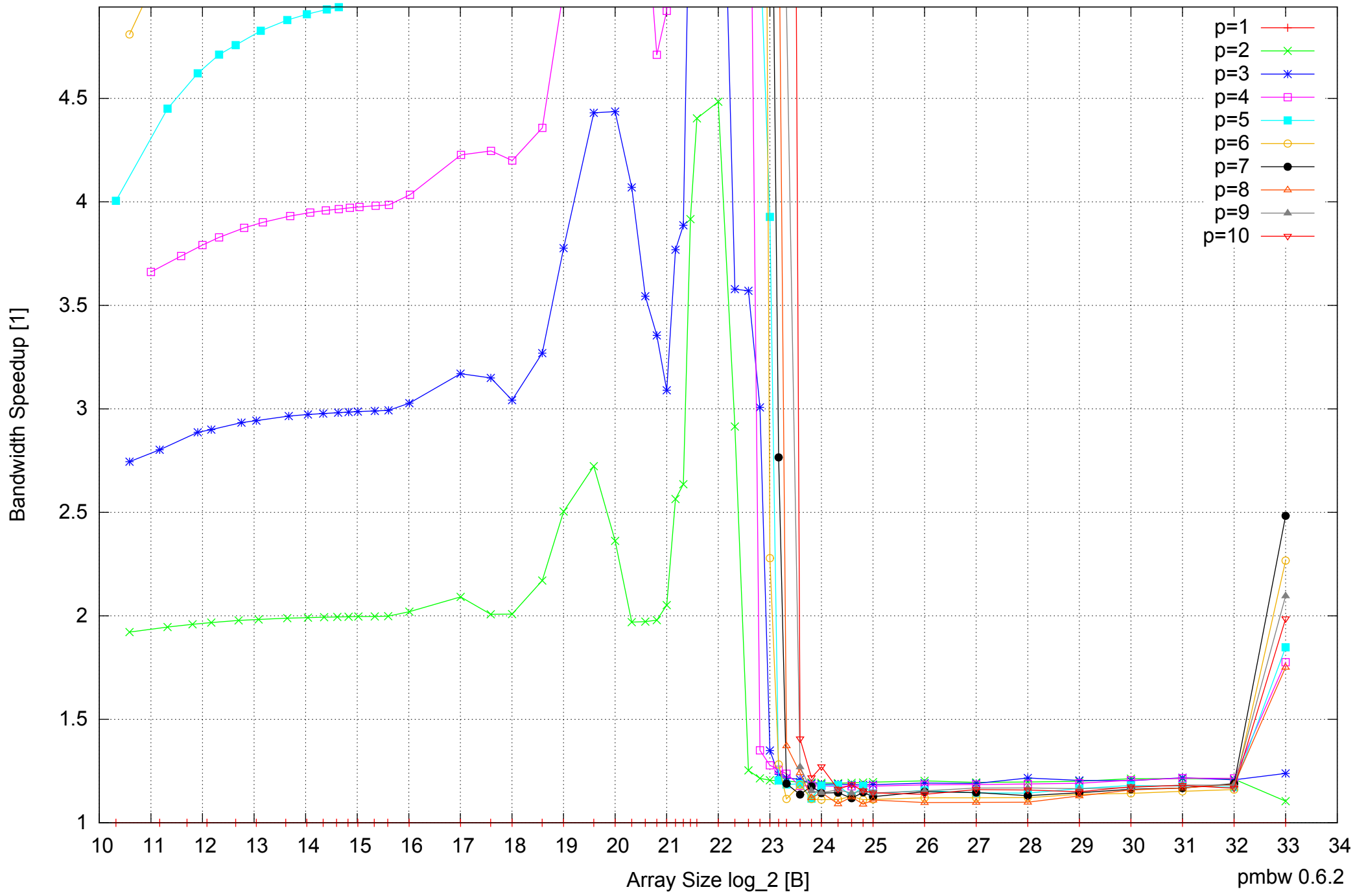
AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanWrite128PtrSimpleLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanWrite128PtrSimpleLoop

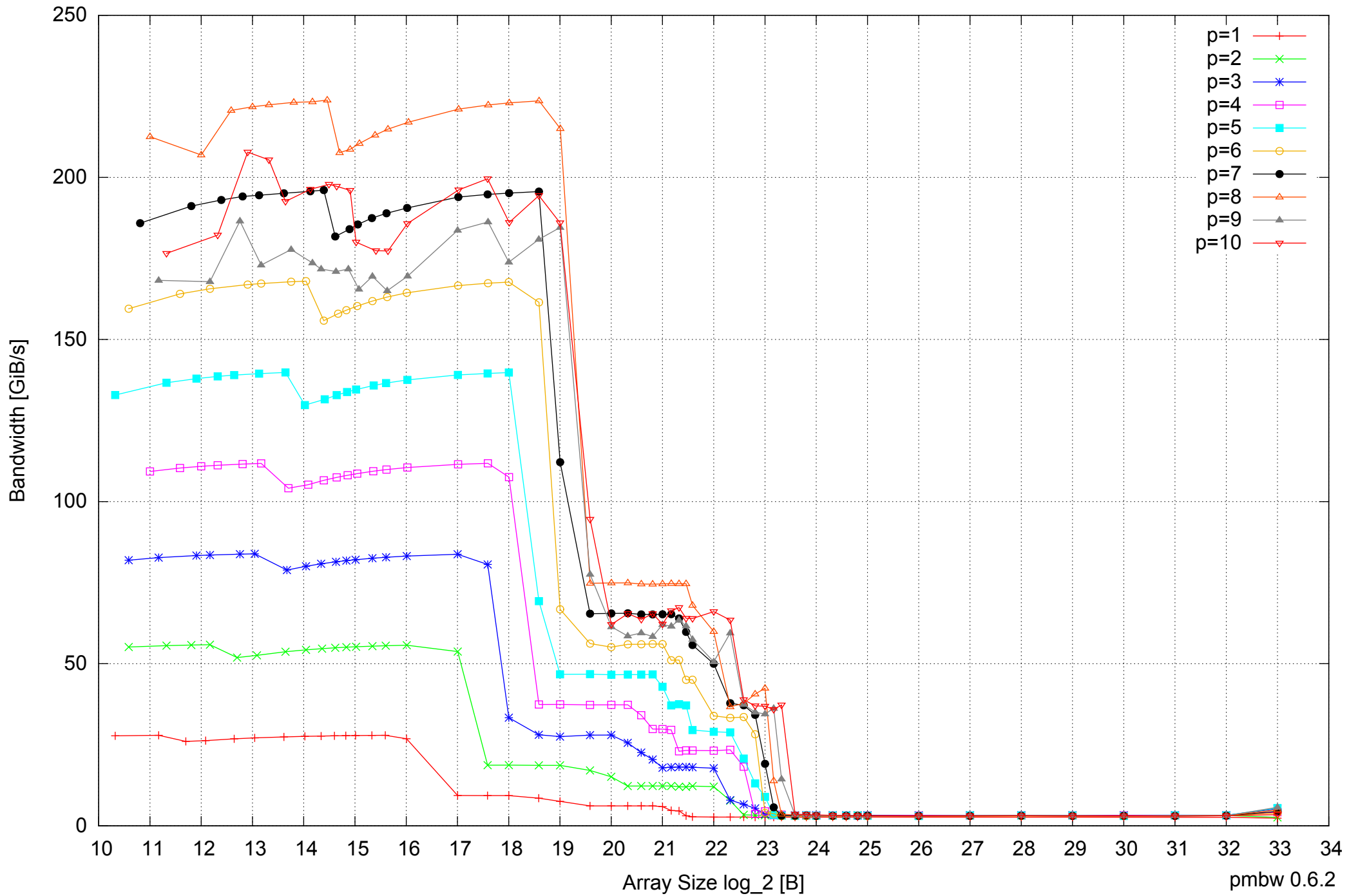


AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128PtrSimpleLoop

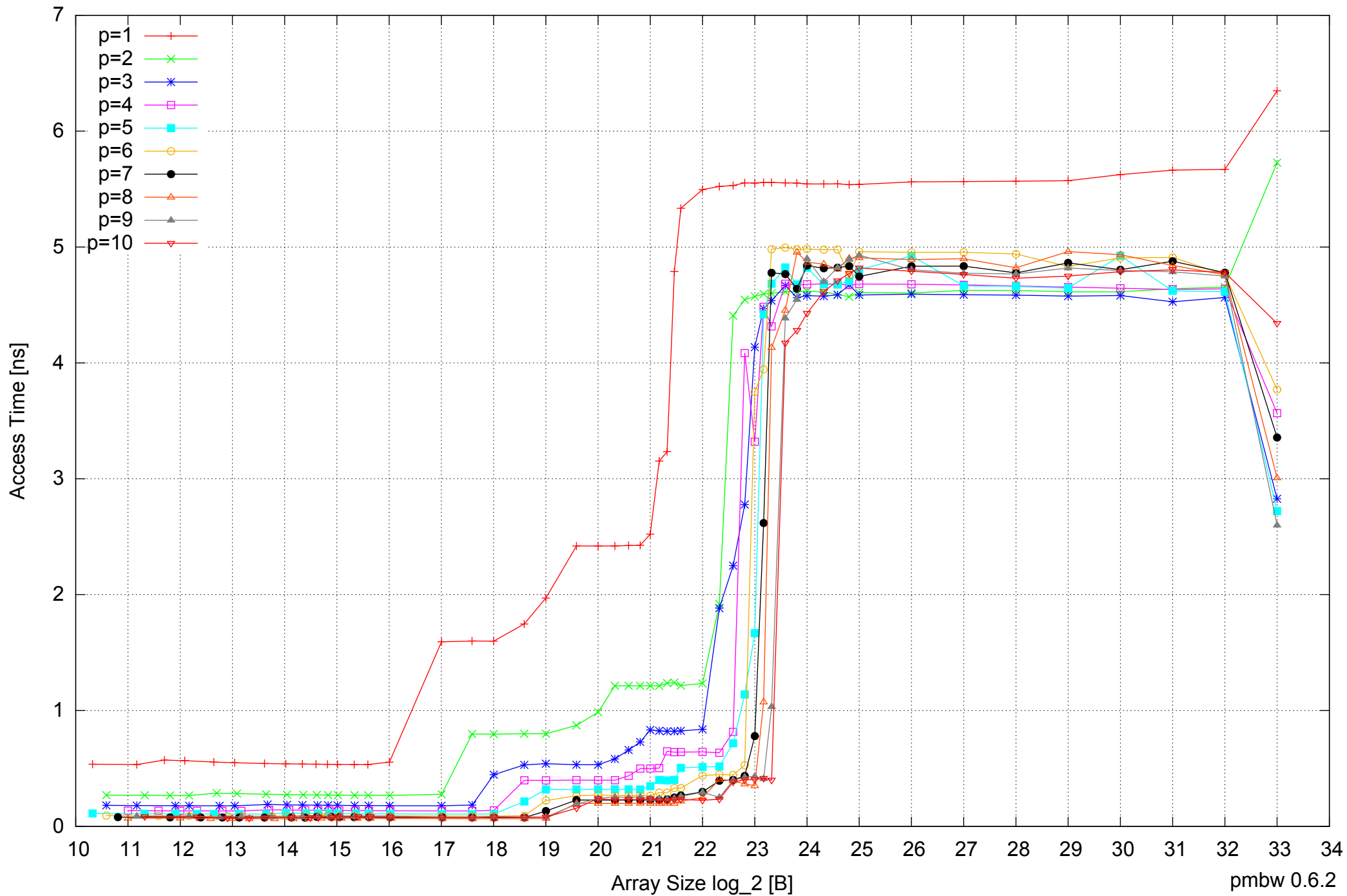




AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanWrite128PtrUnrollLoop

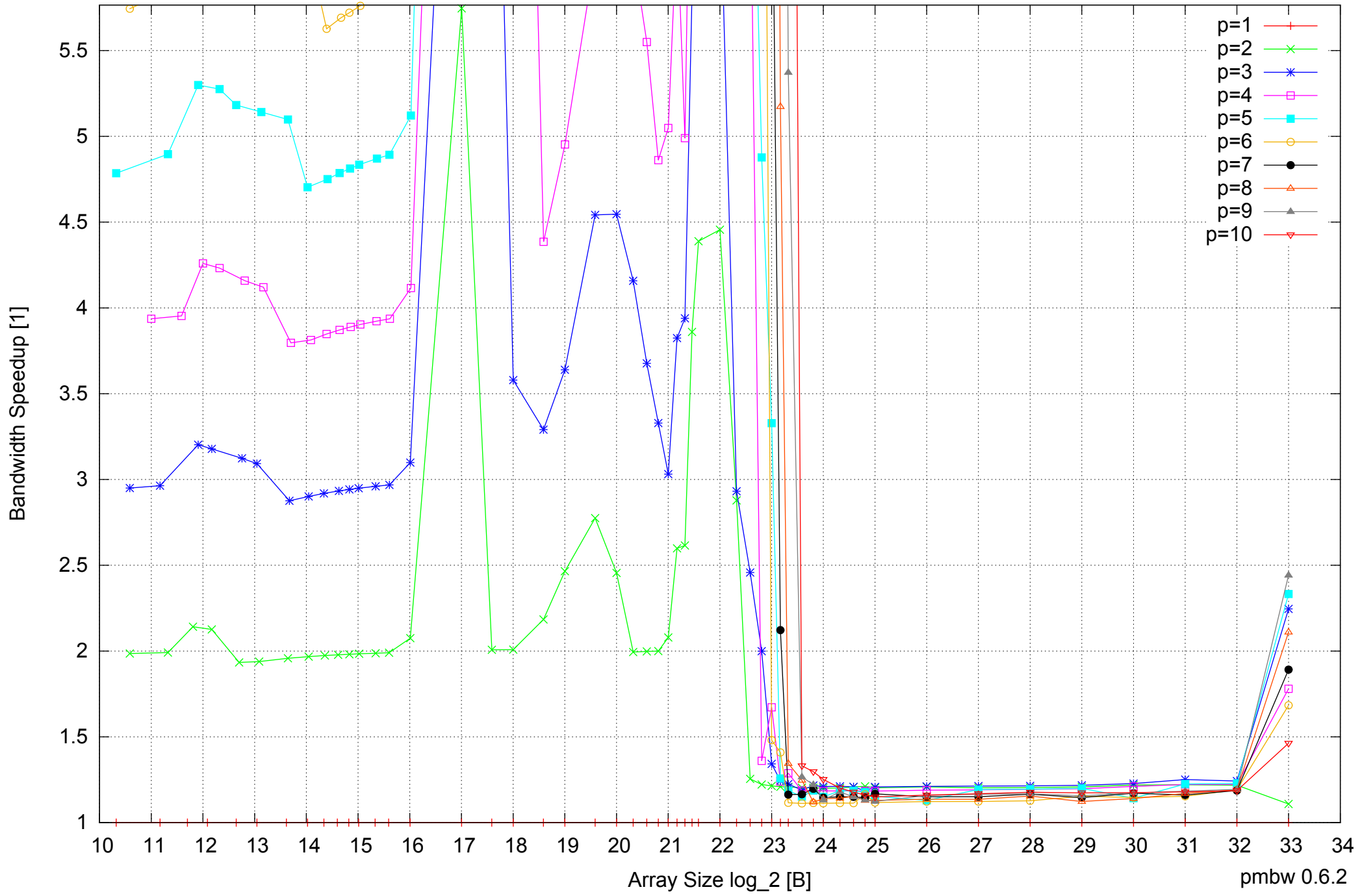


AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanWrite128PtrUnrollLoop

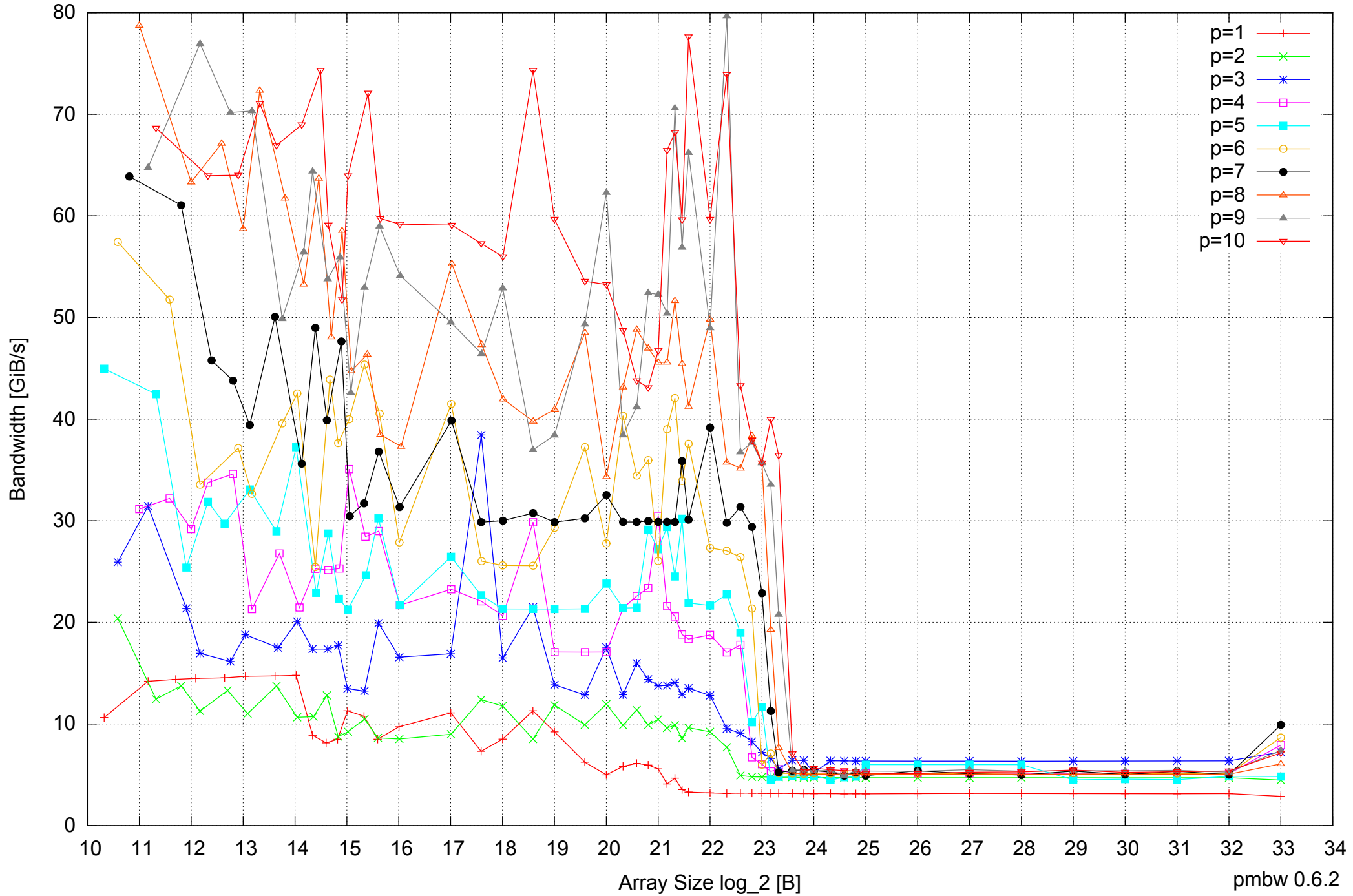




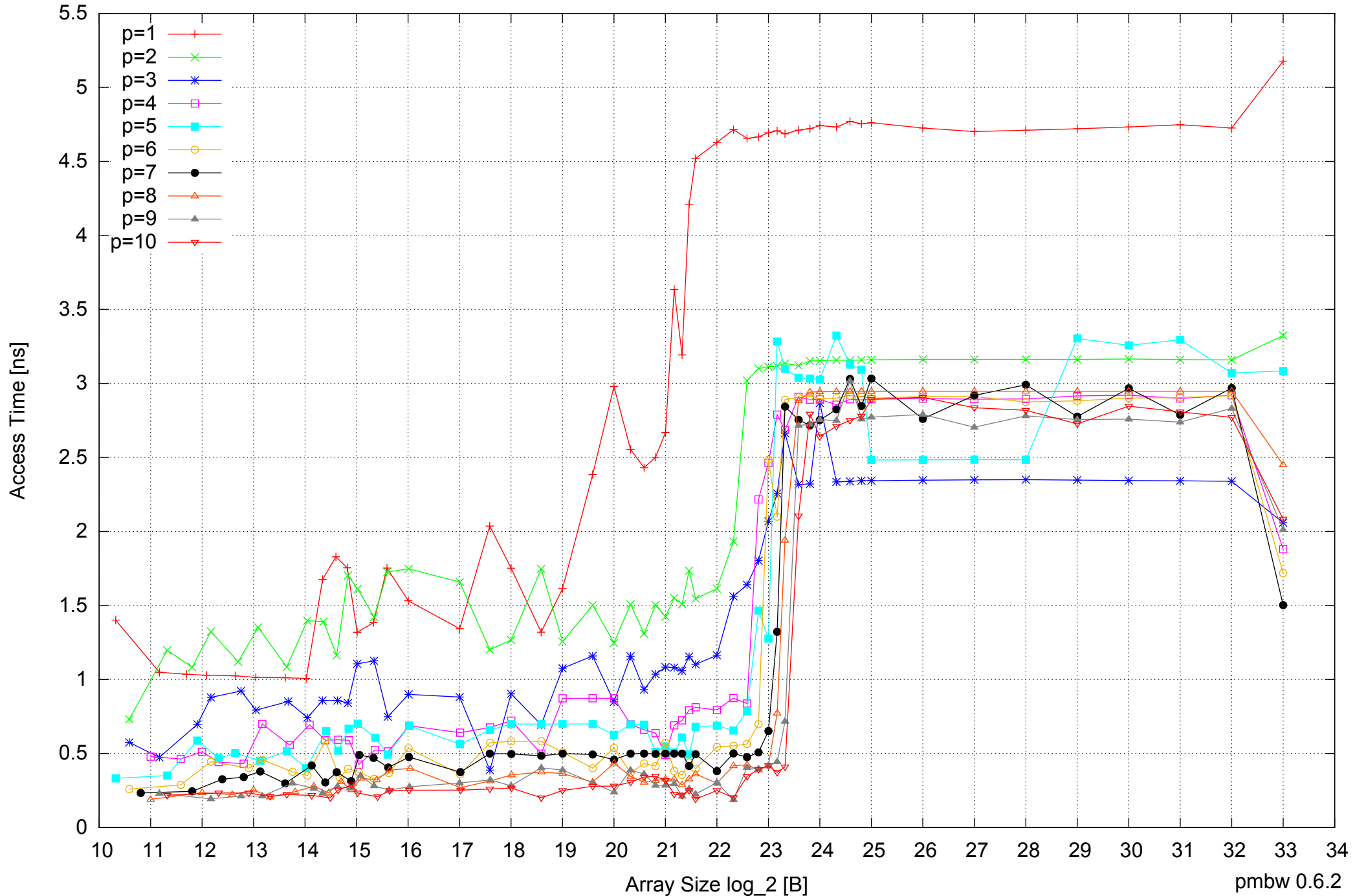
AMD Optron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128PtrUnrollLoop



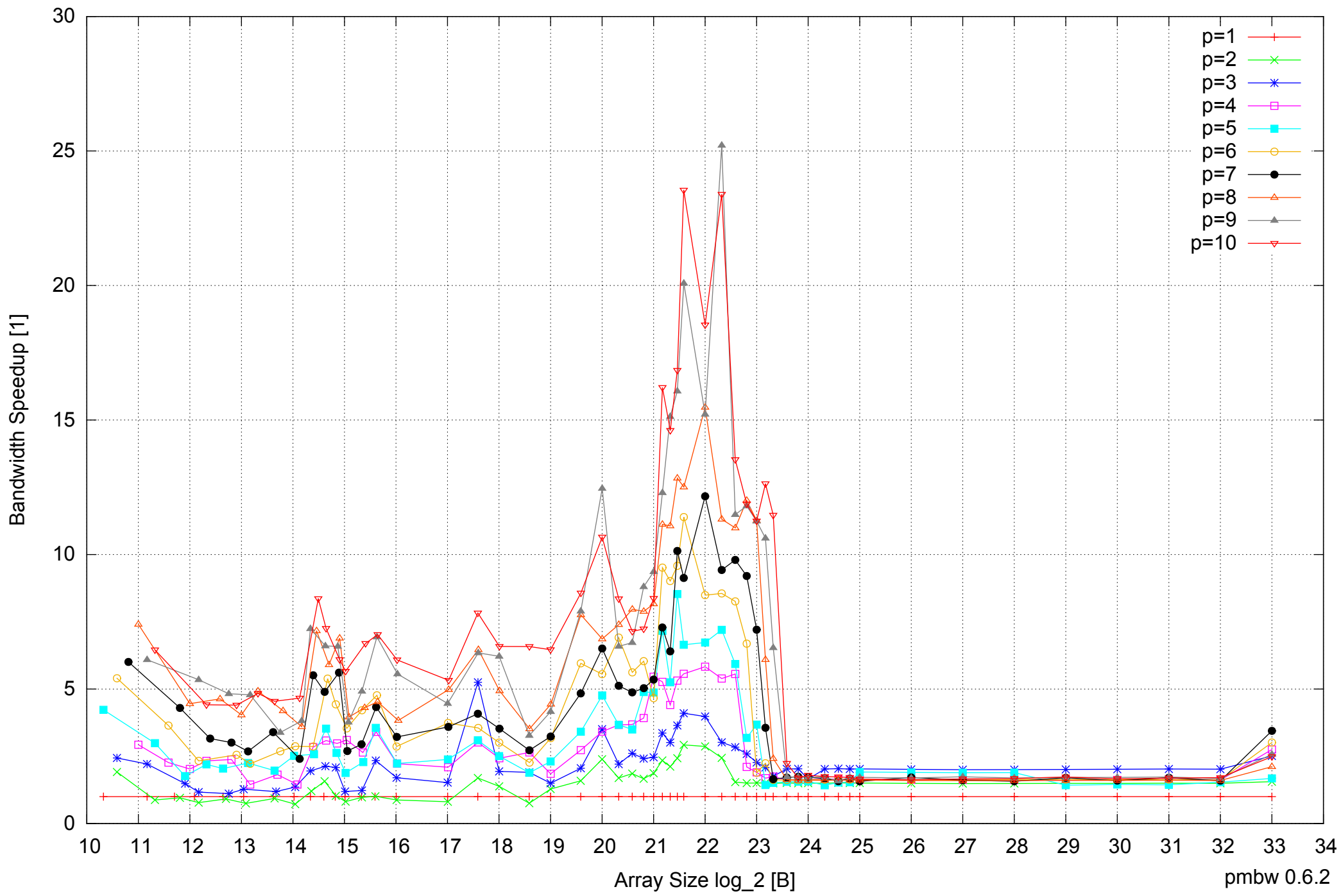
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanRead128PtrSimpleLoop



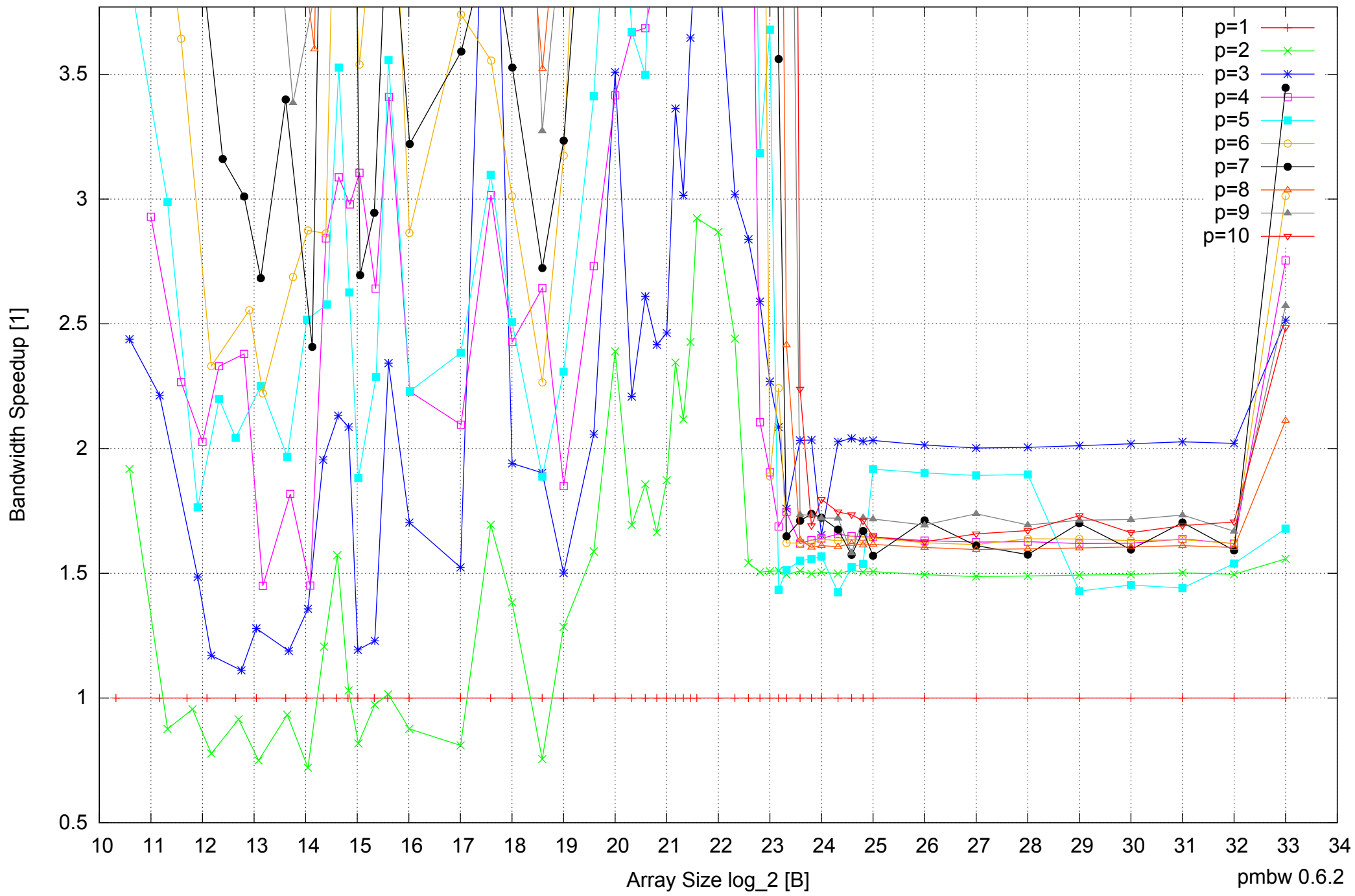
AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanRead128PtrSimpleLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanRead128PtrSimpleLoop



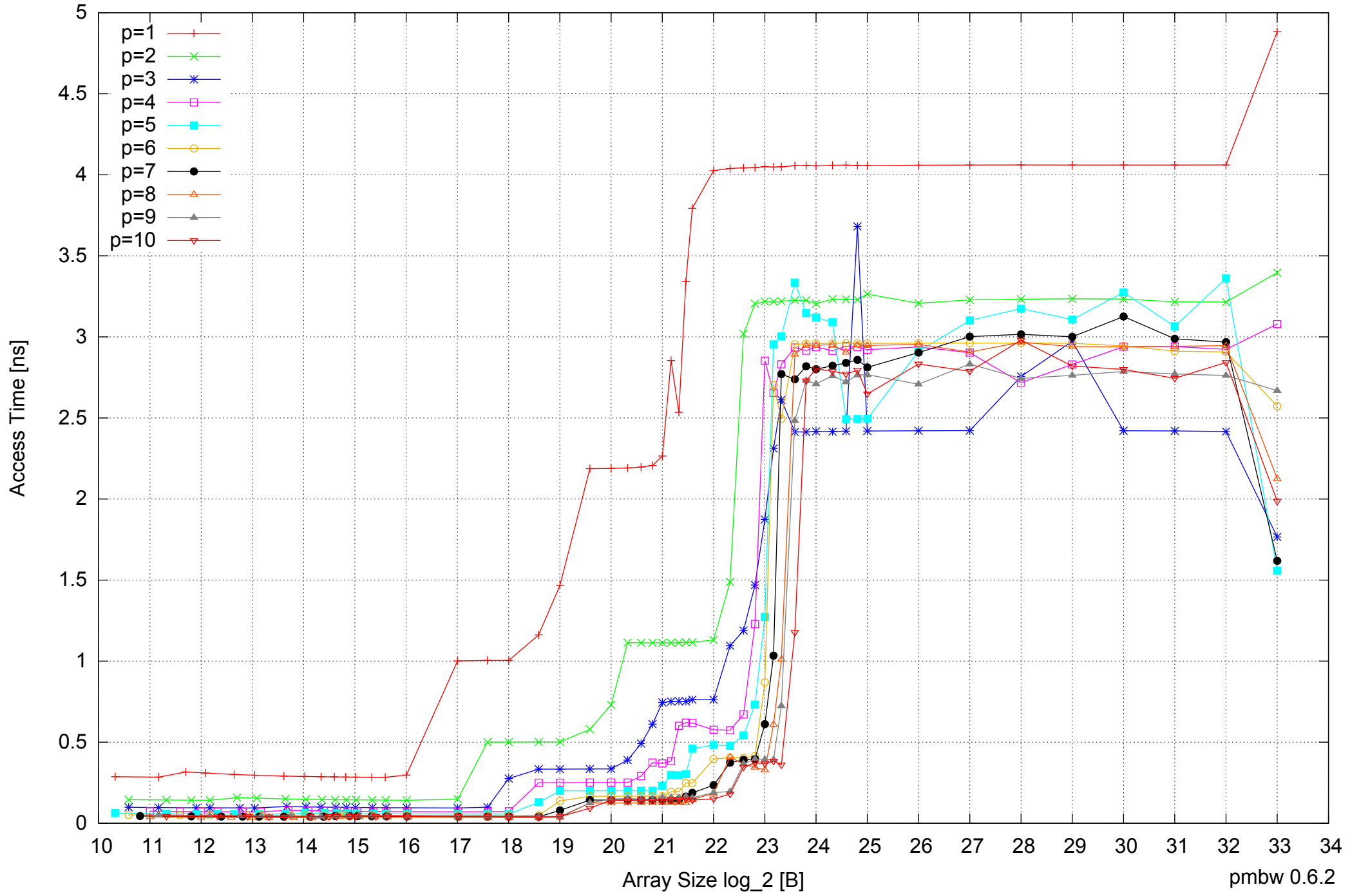
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128PtrSimpleLoop





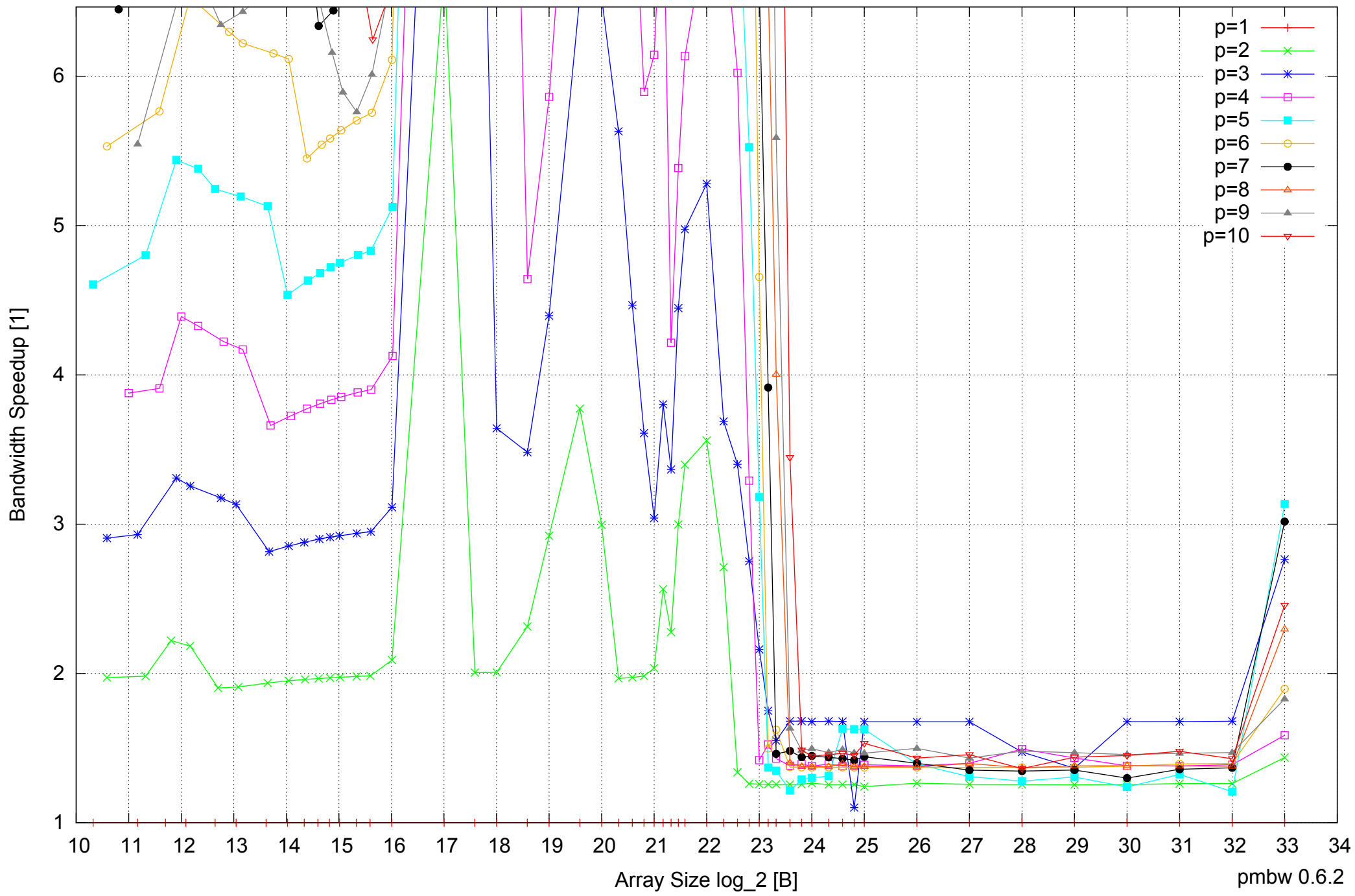


AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanRead128PtrUnrollLoop

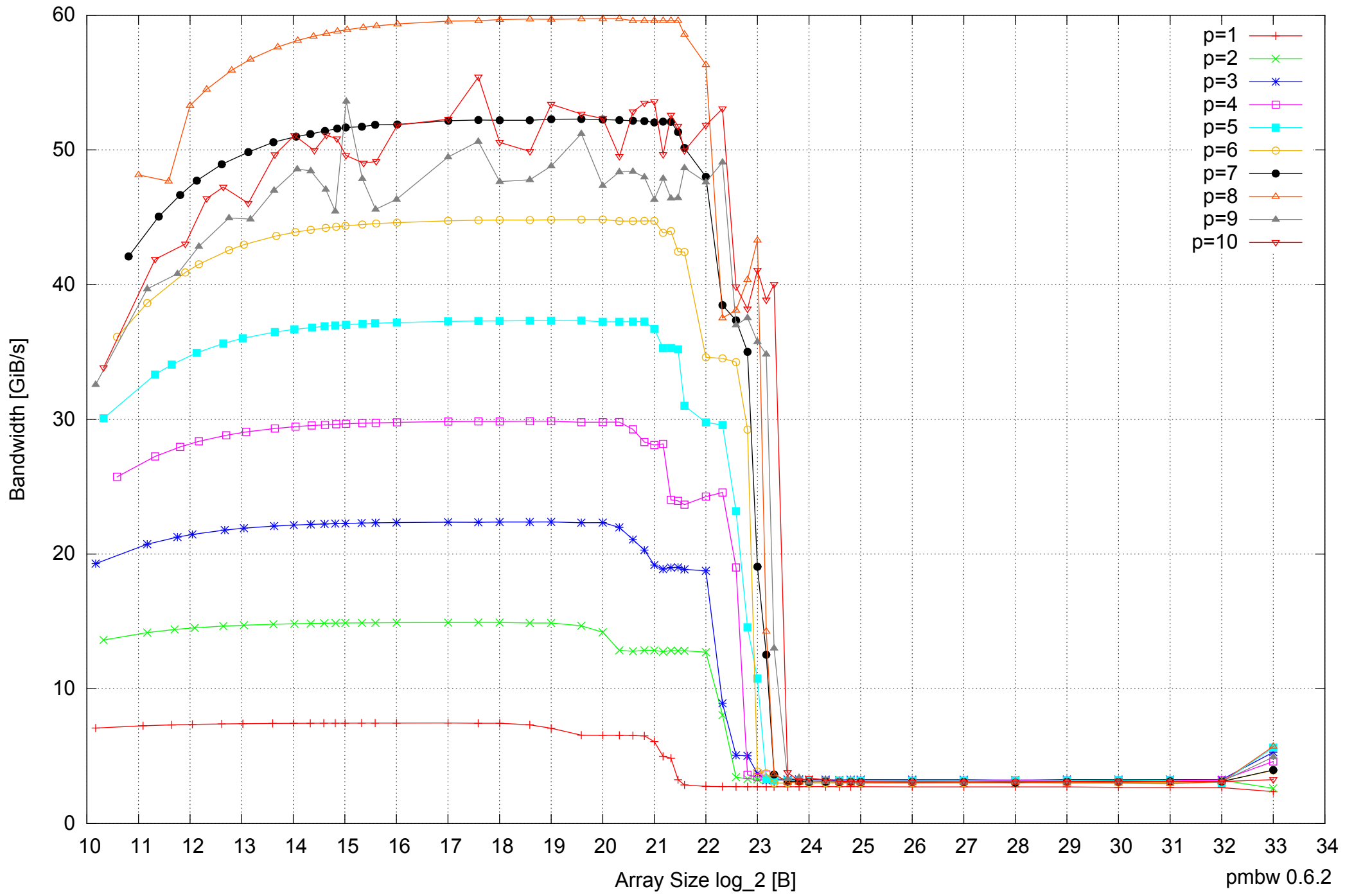




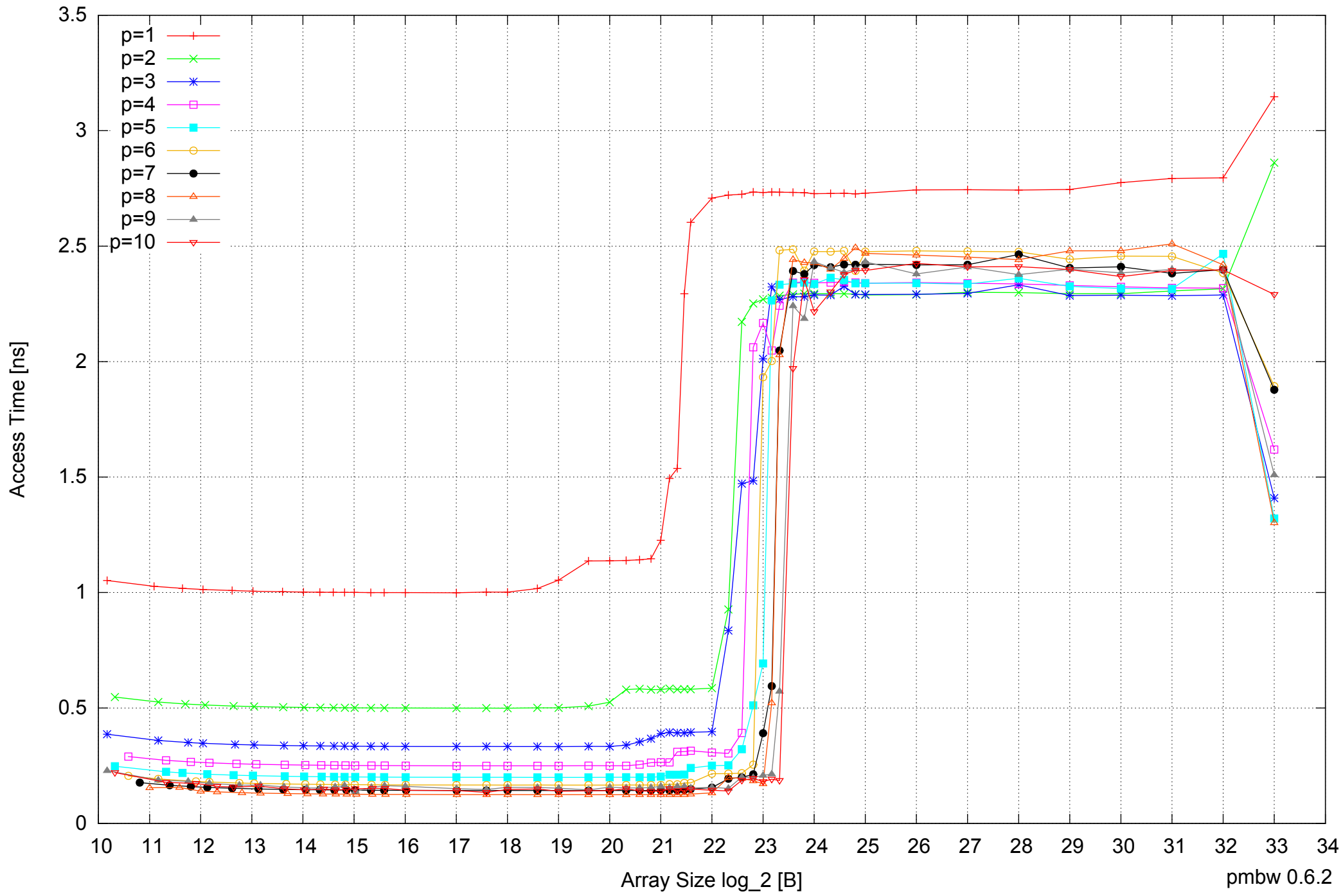
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128PtrUnrollLoop



AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop

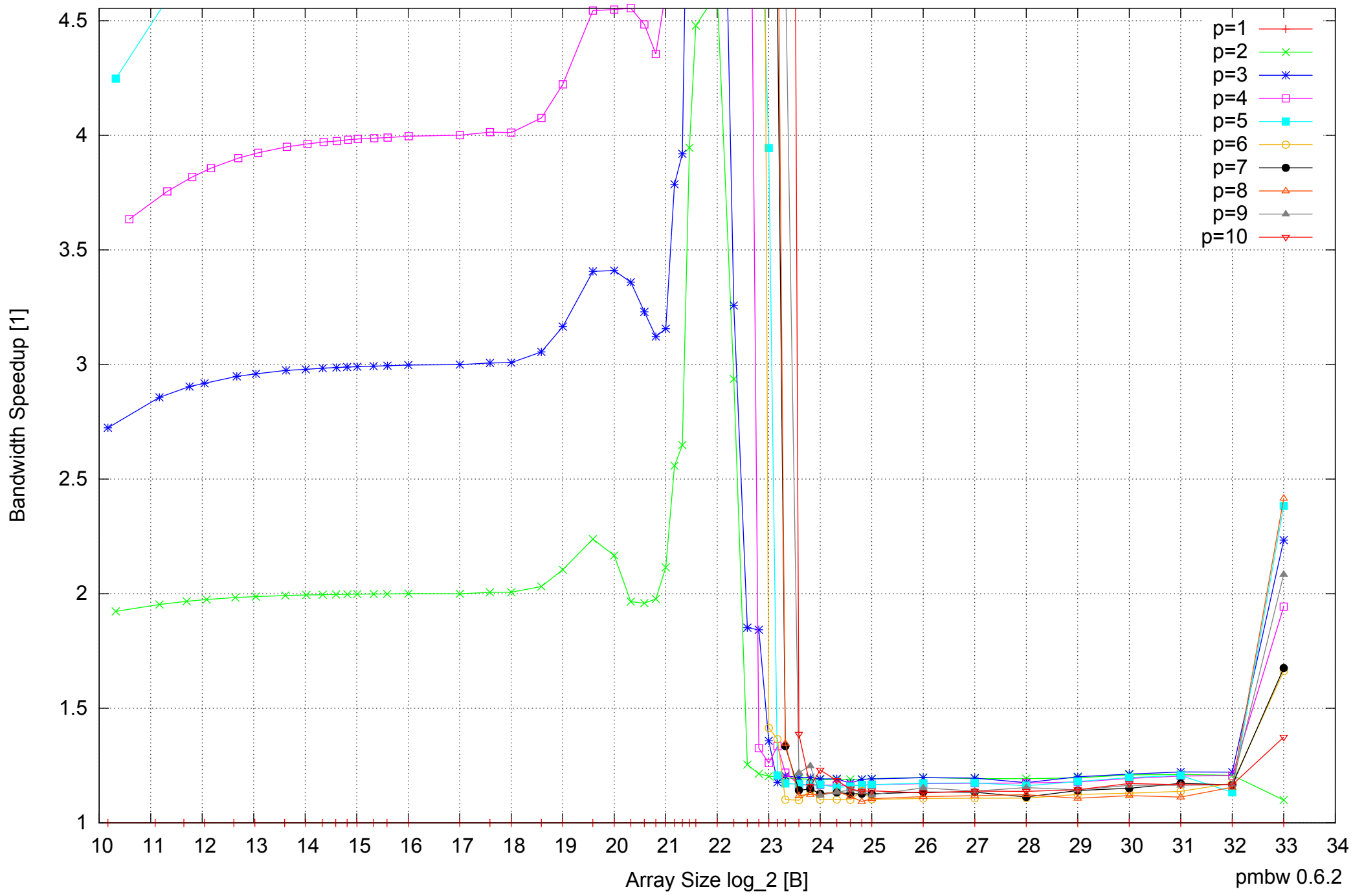


AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanWrite64PtrSimpleLoop



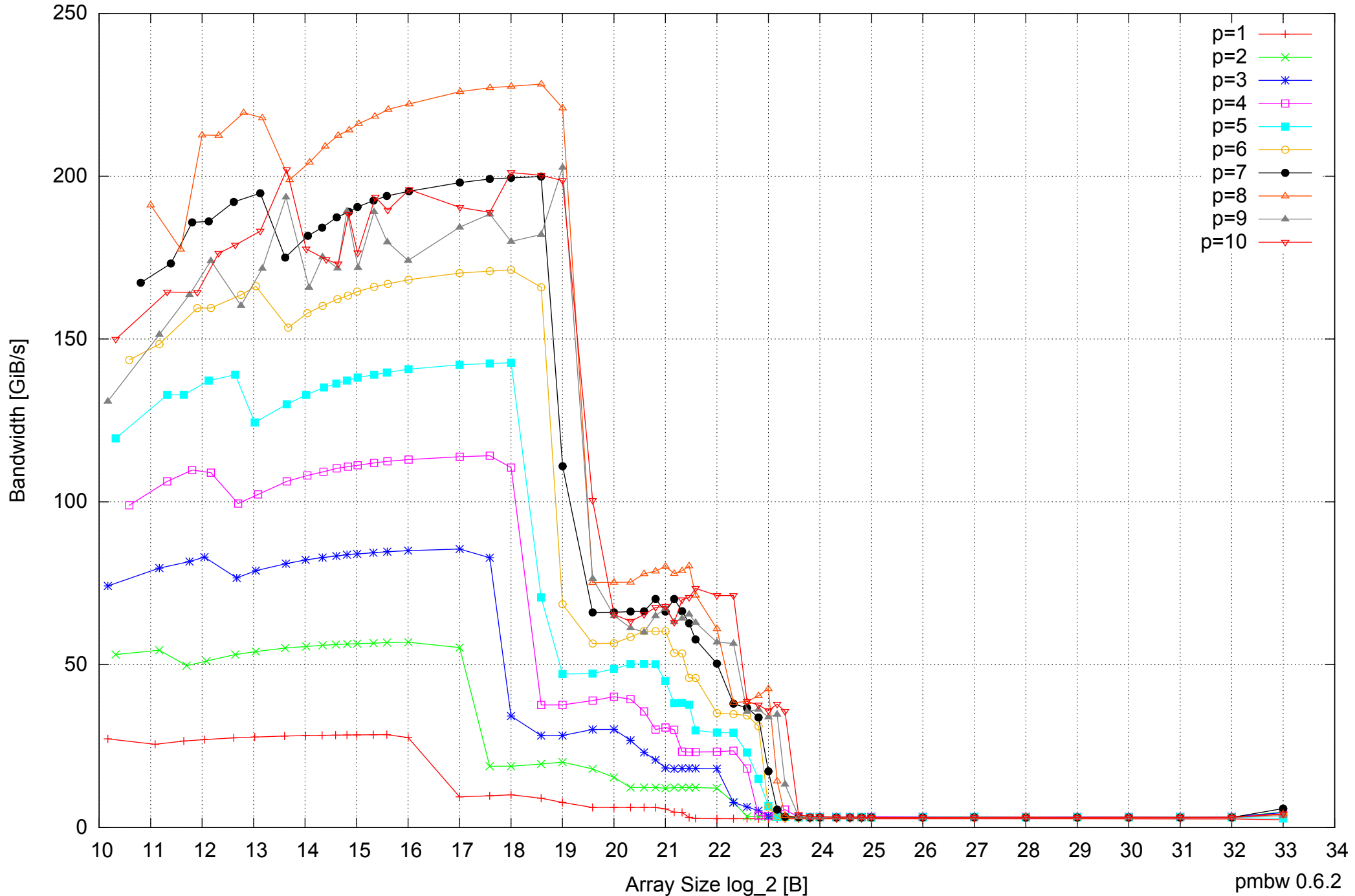


AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrSimpleLoop

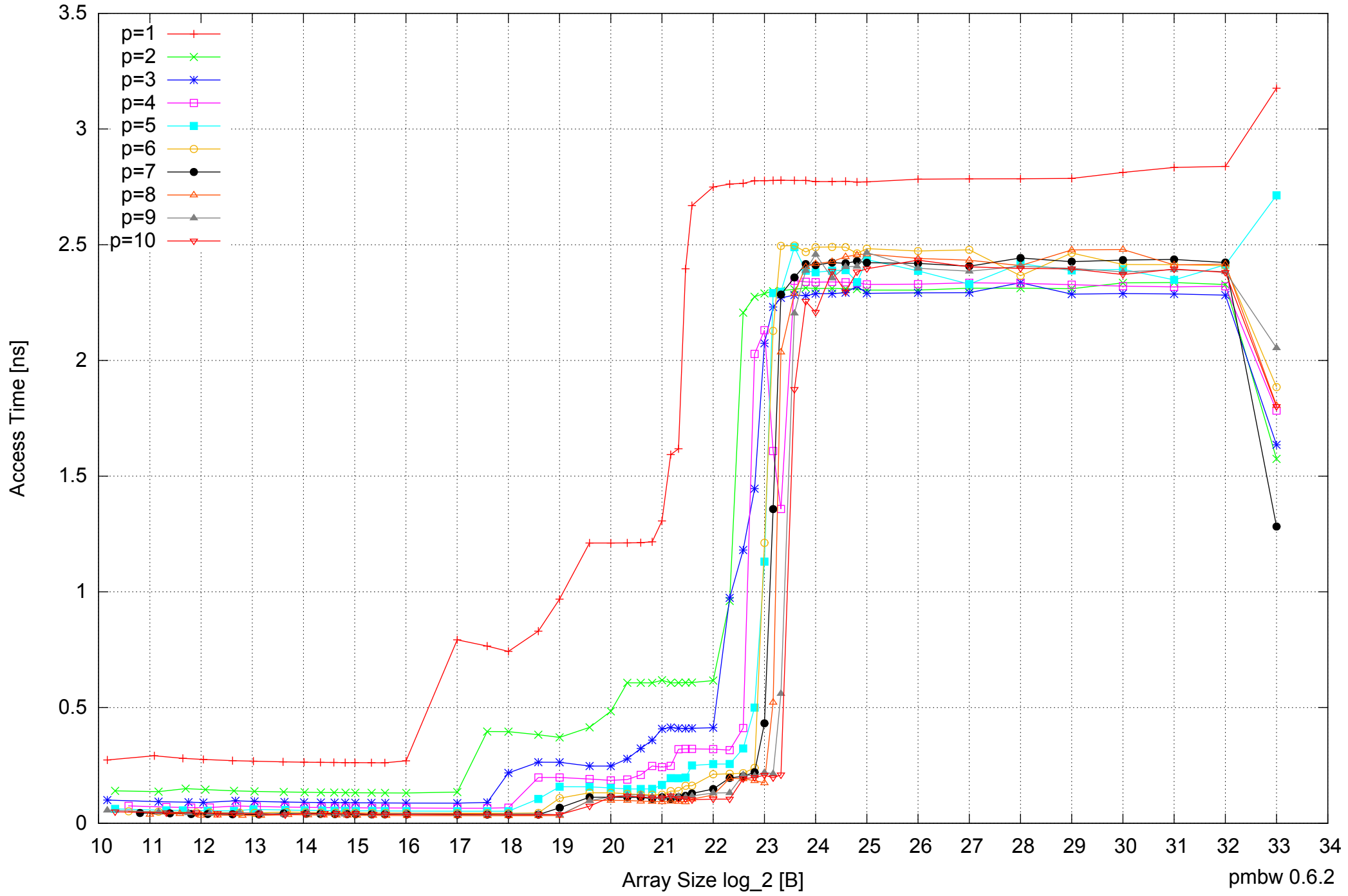




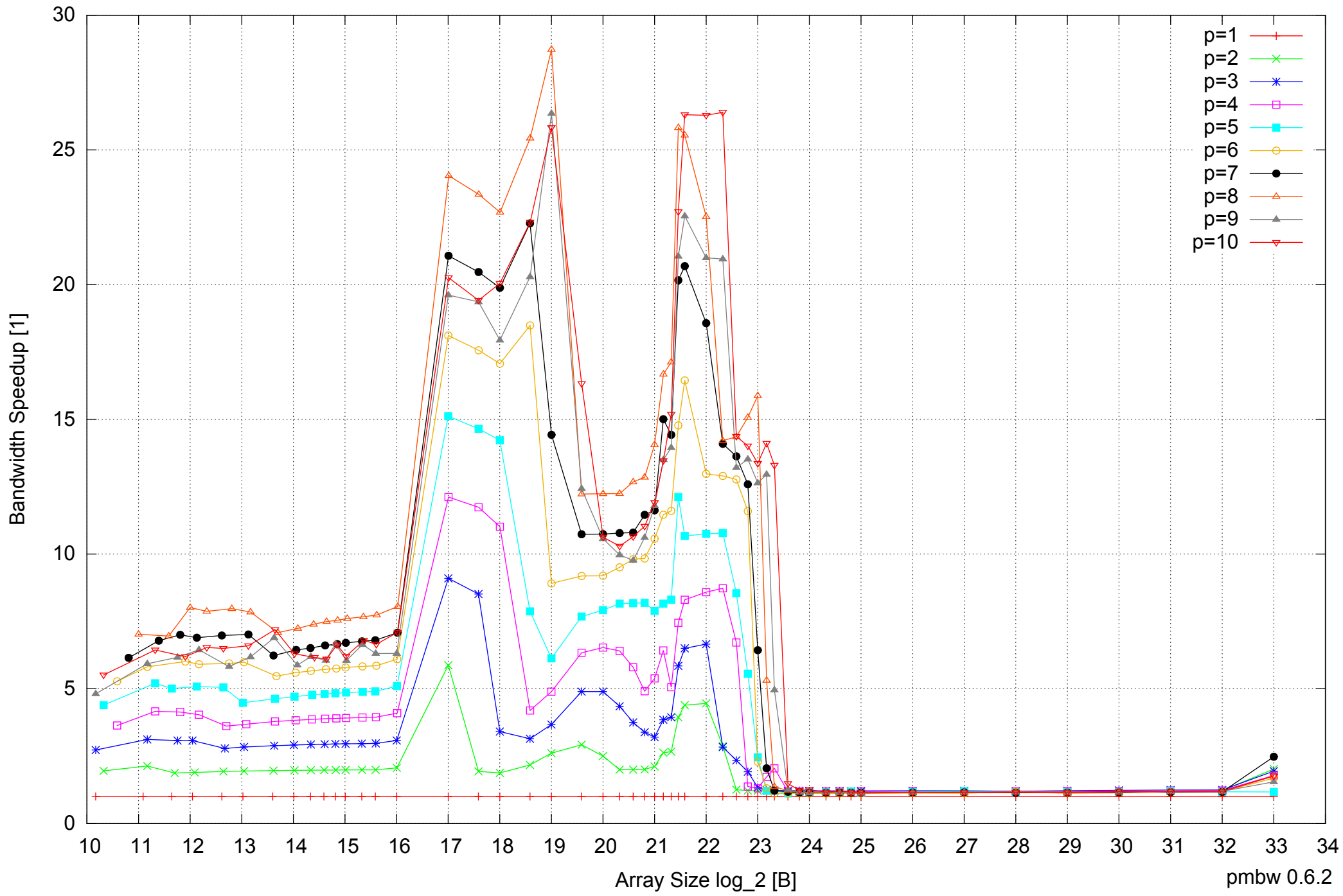
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop



AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanWrite64PtrUnrollLoop



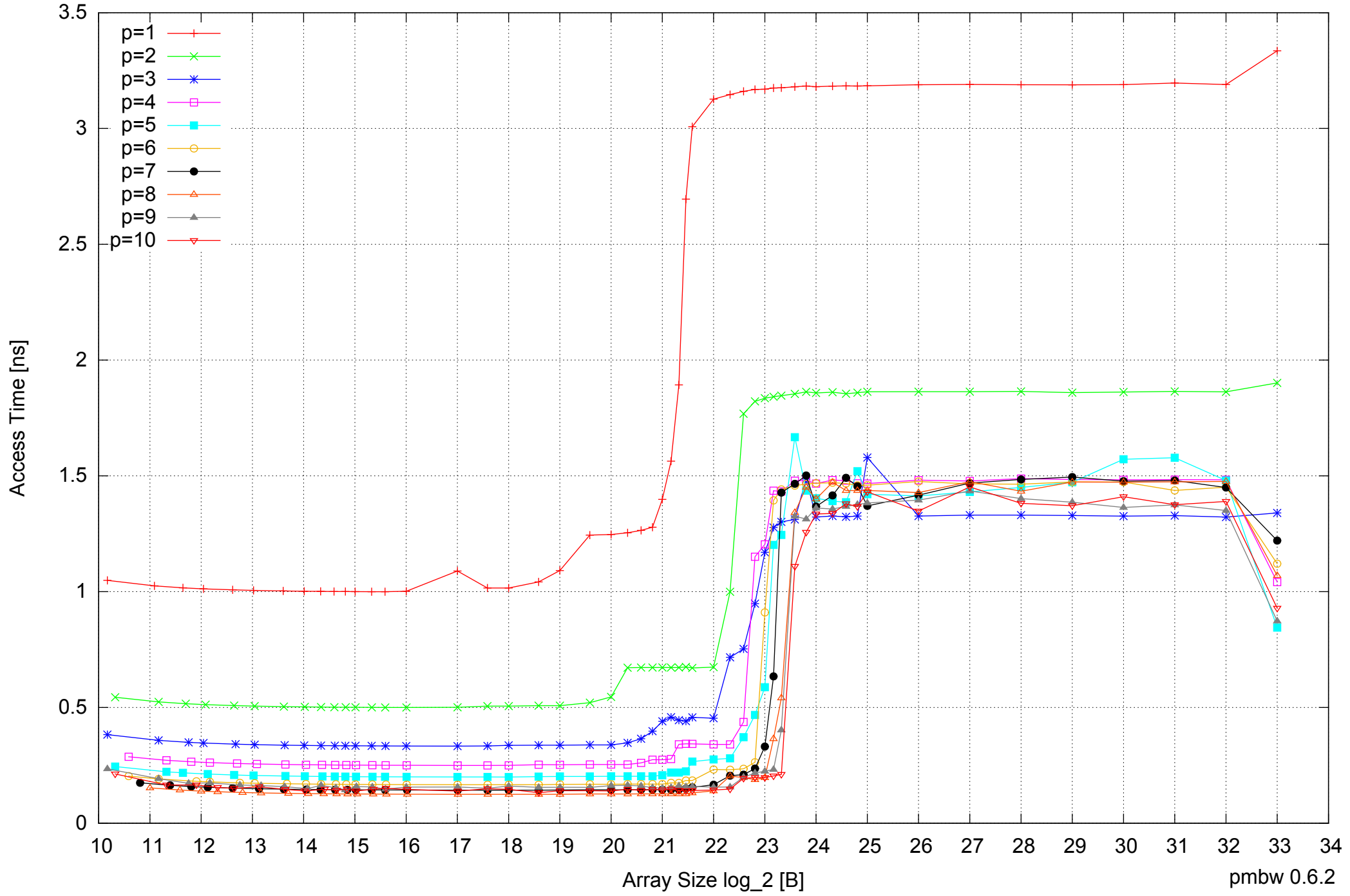
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop



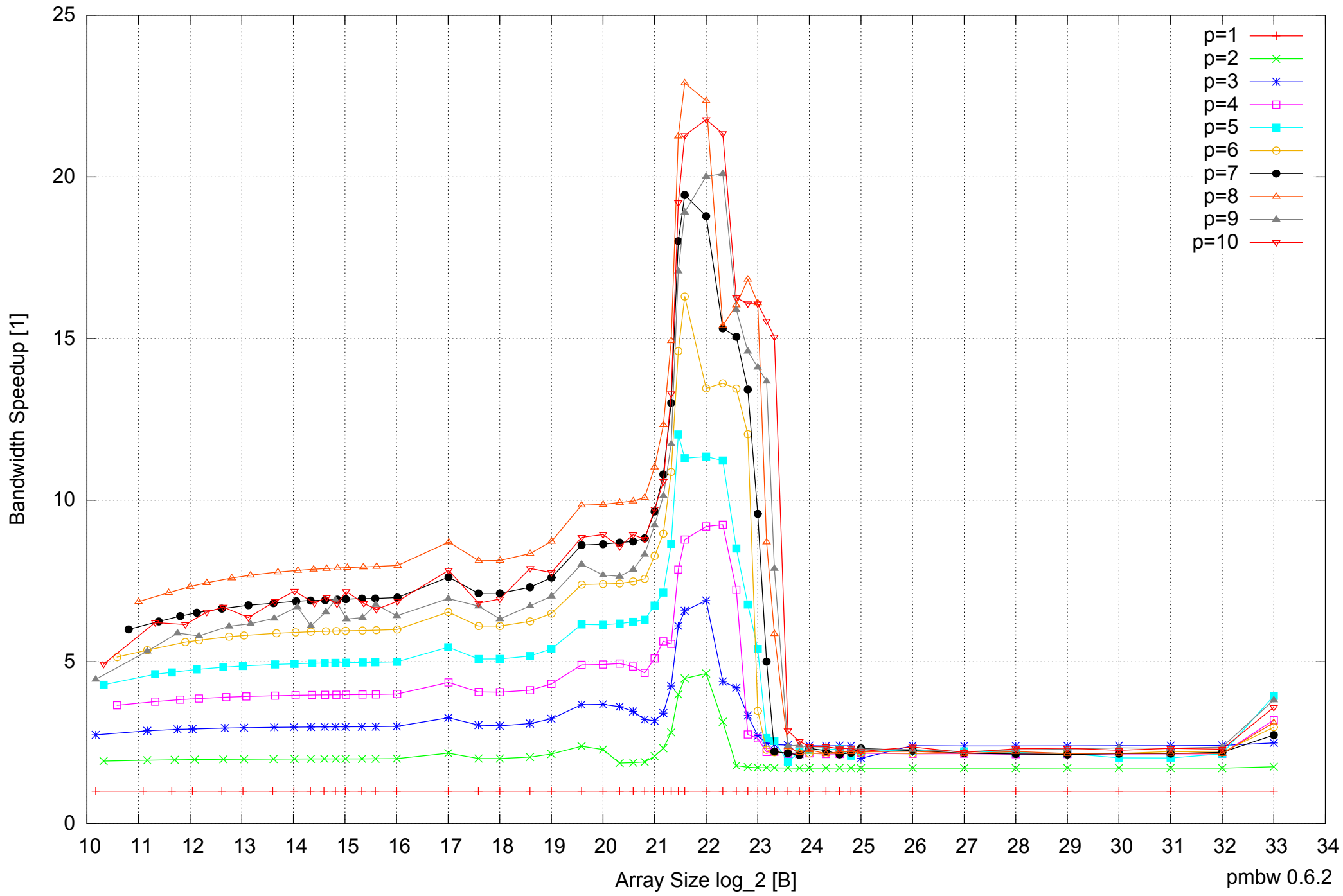




AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanRead64PtrSimpleLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop

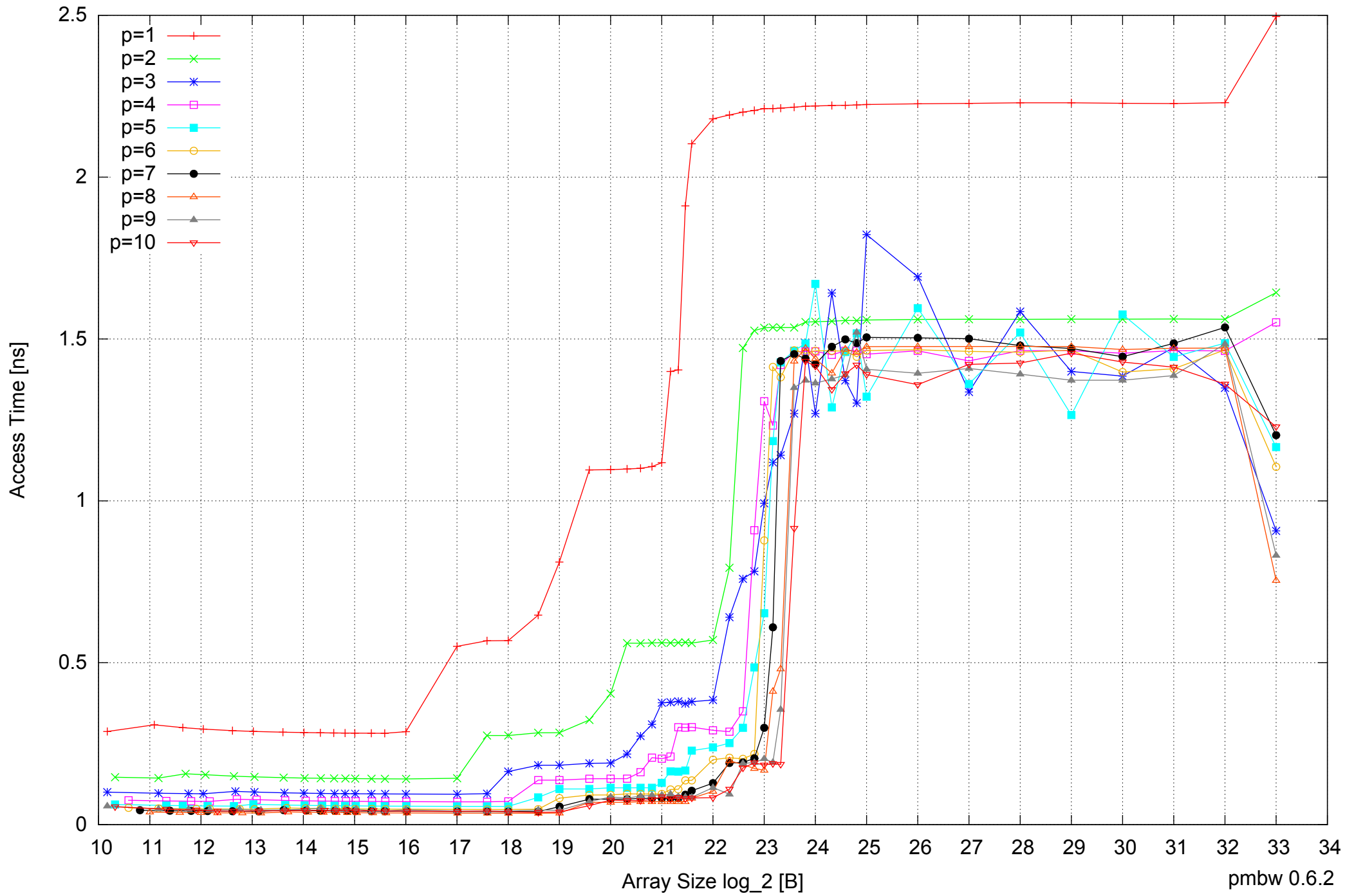




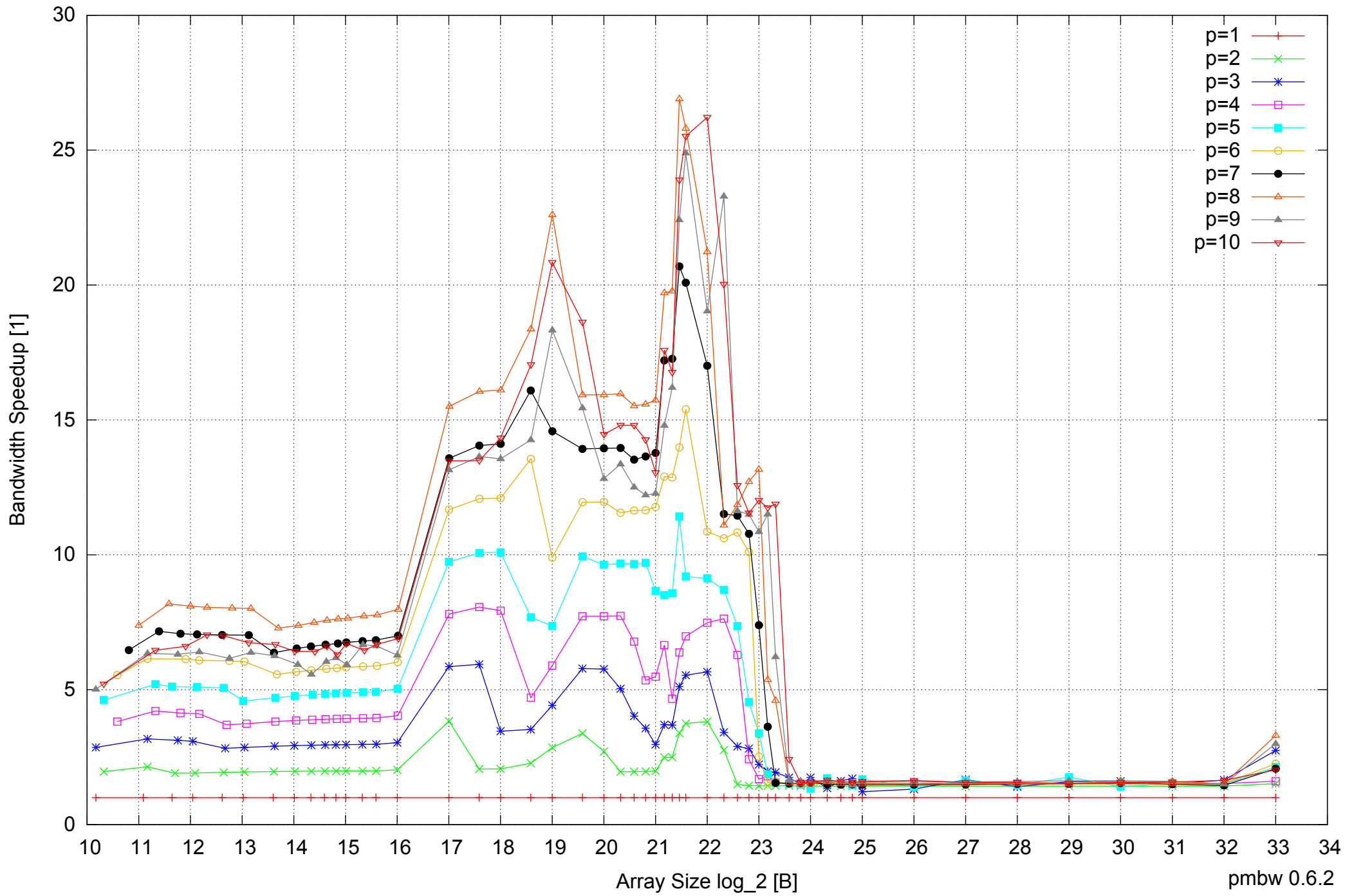




AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanRead64PtrUnrollLoop

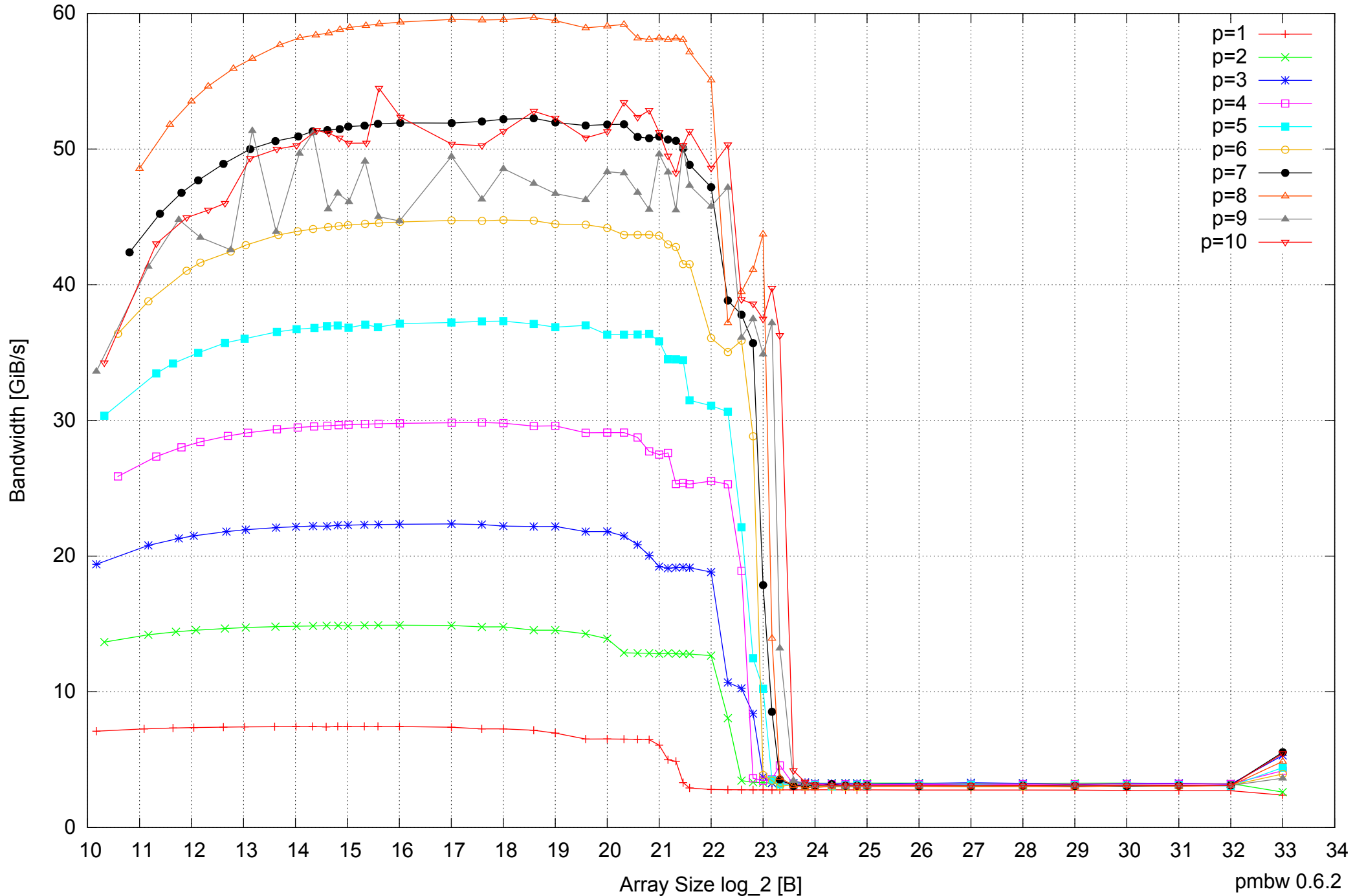


AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop

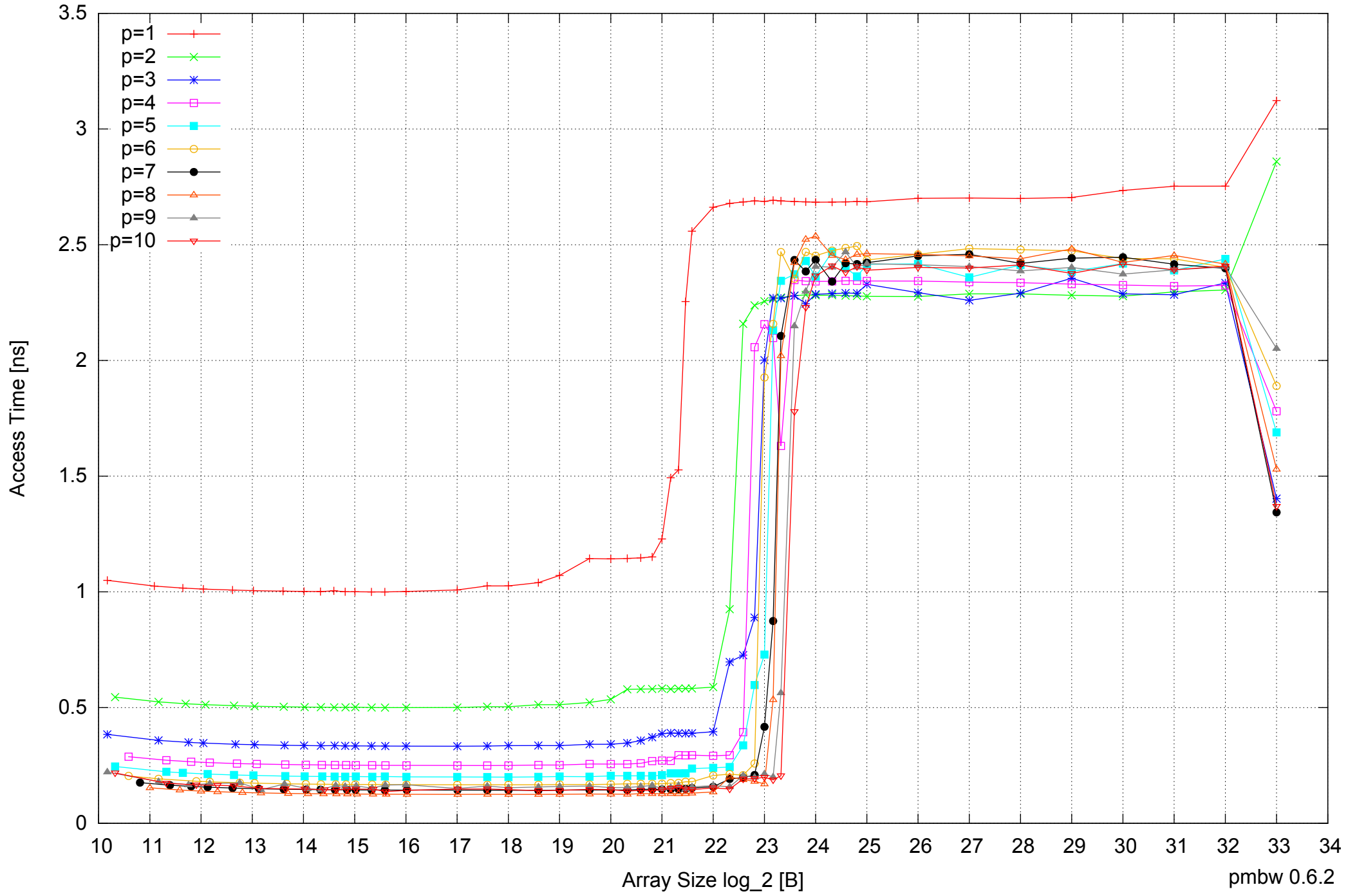




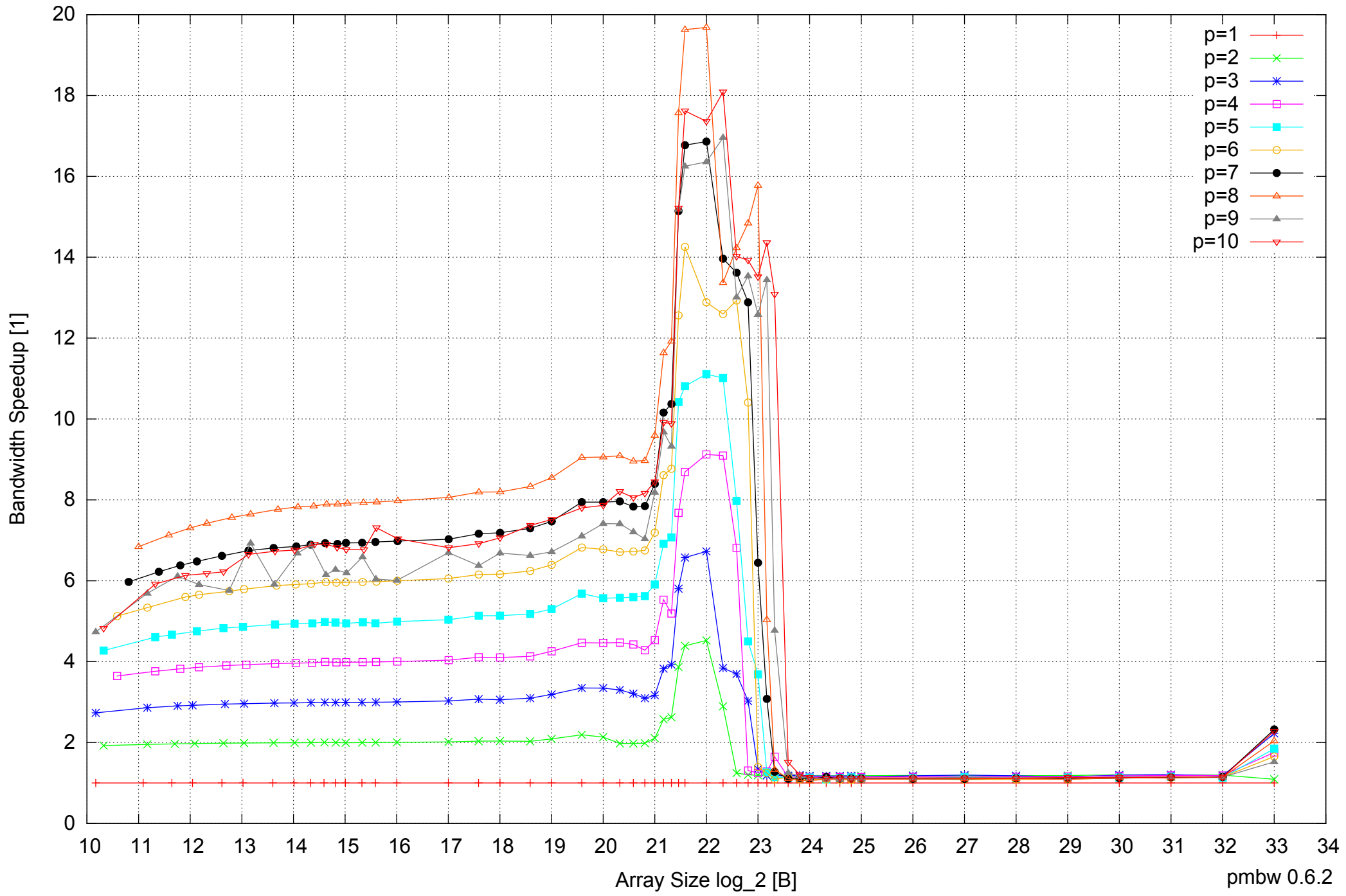
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoop



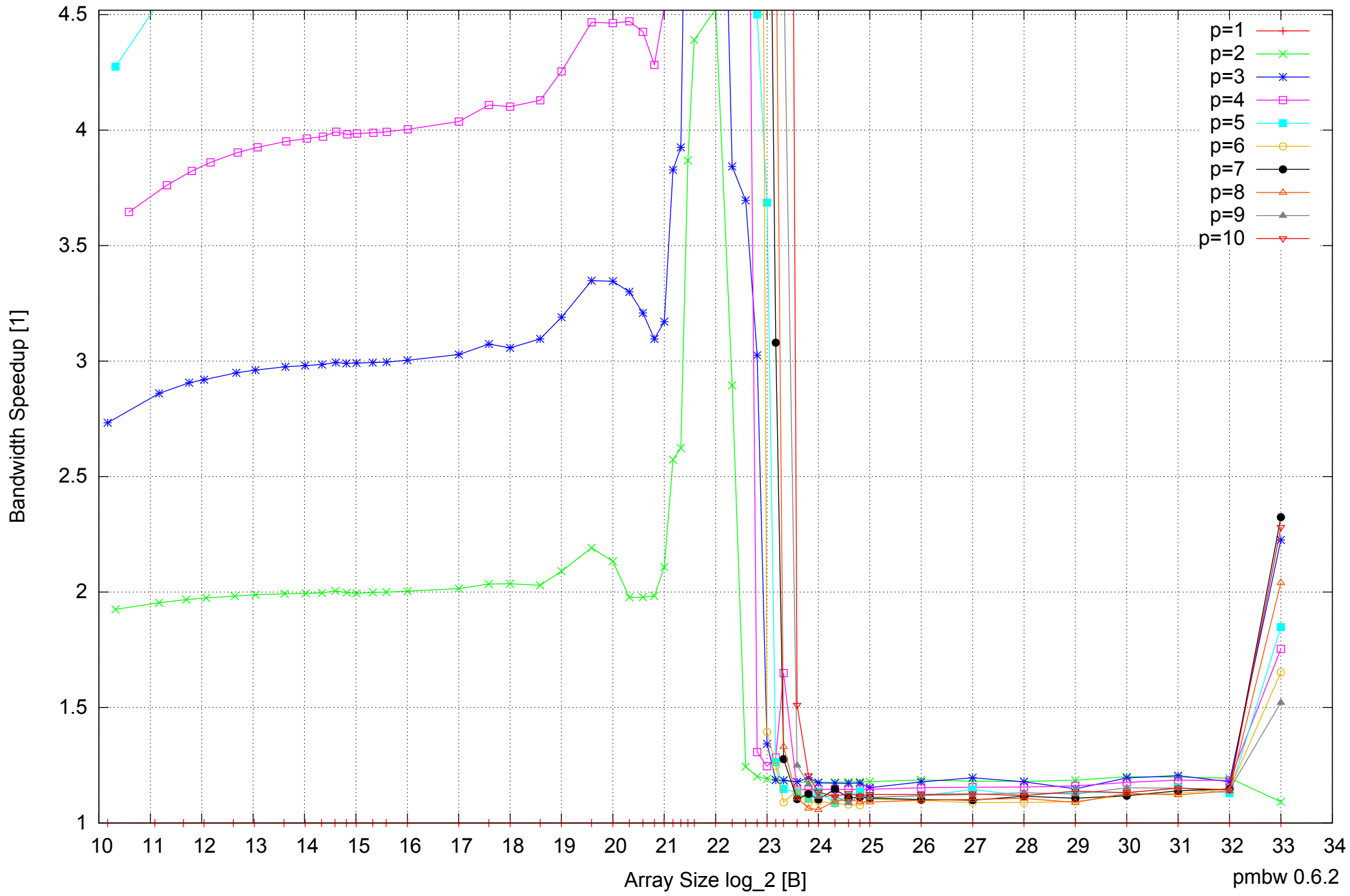
AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanWrite64IndexSimpleLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanWrite64IndexSimpleLoop

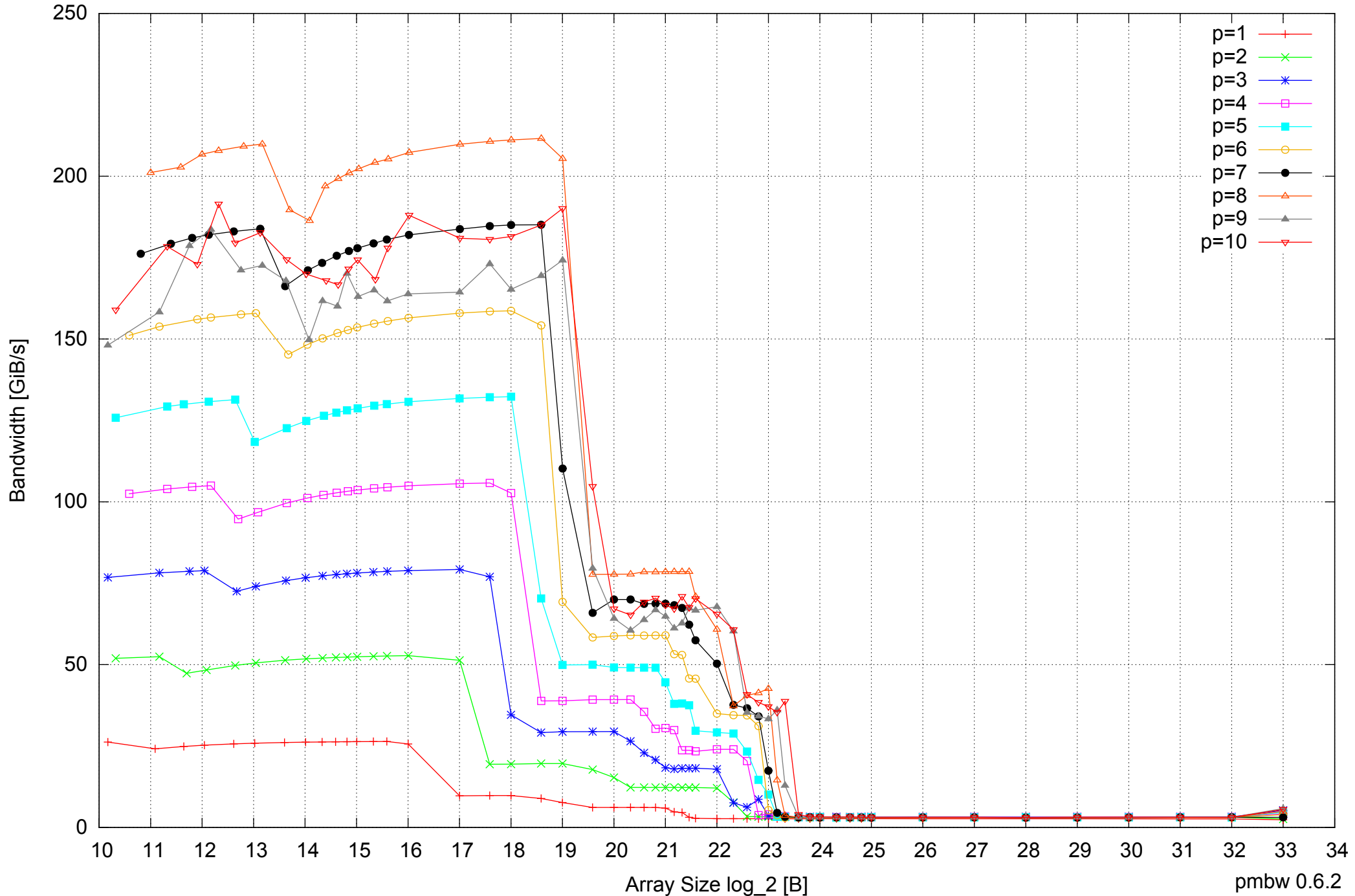


AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64IndexSimpleLoop

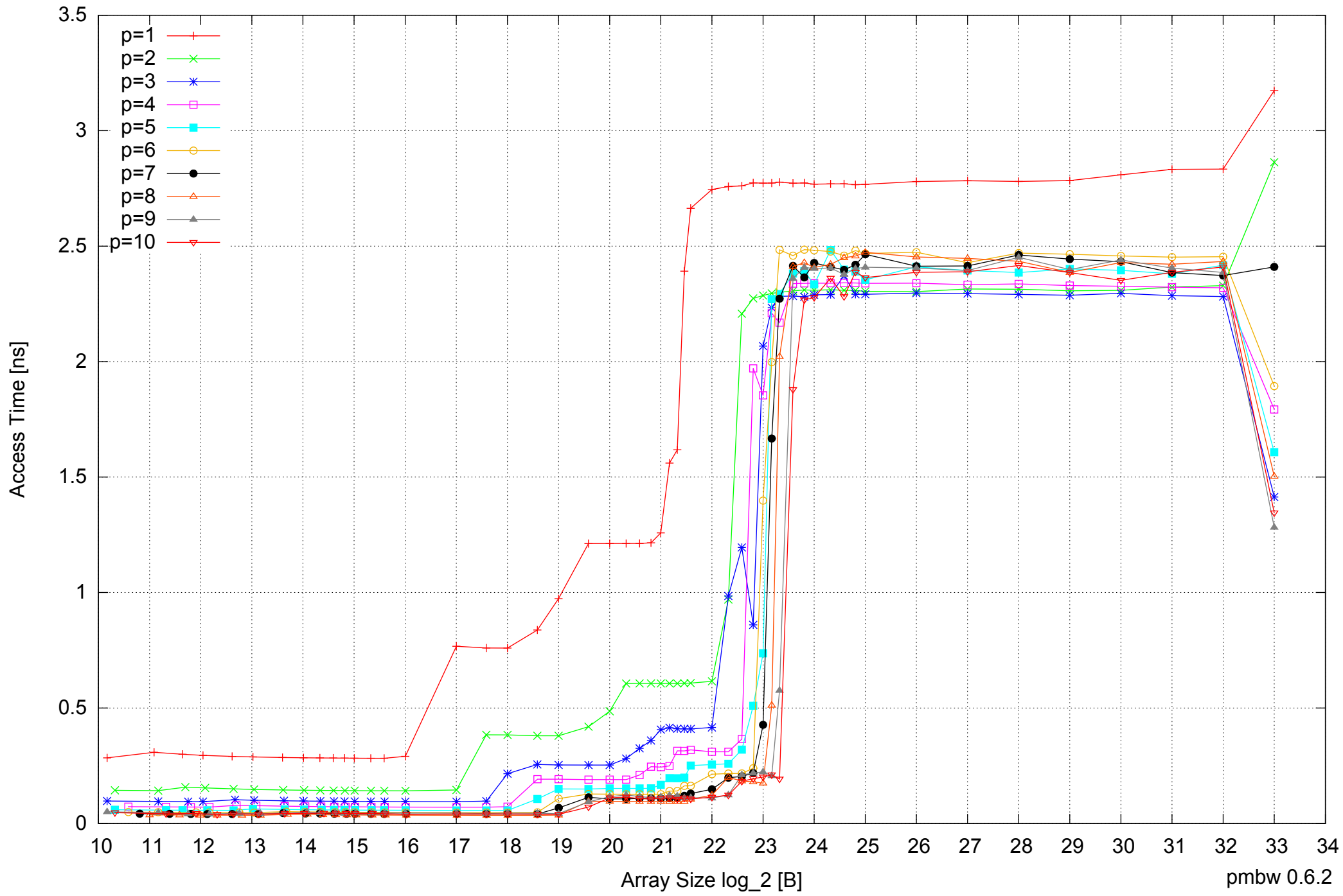




AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanWrite64IndexUnrollLoop

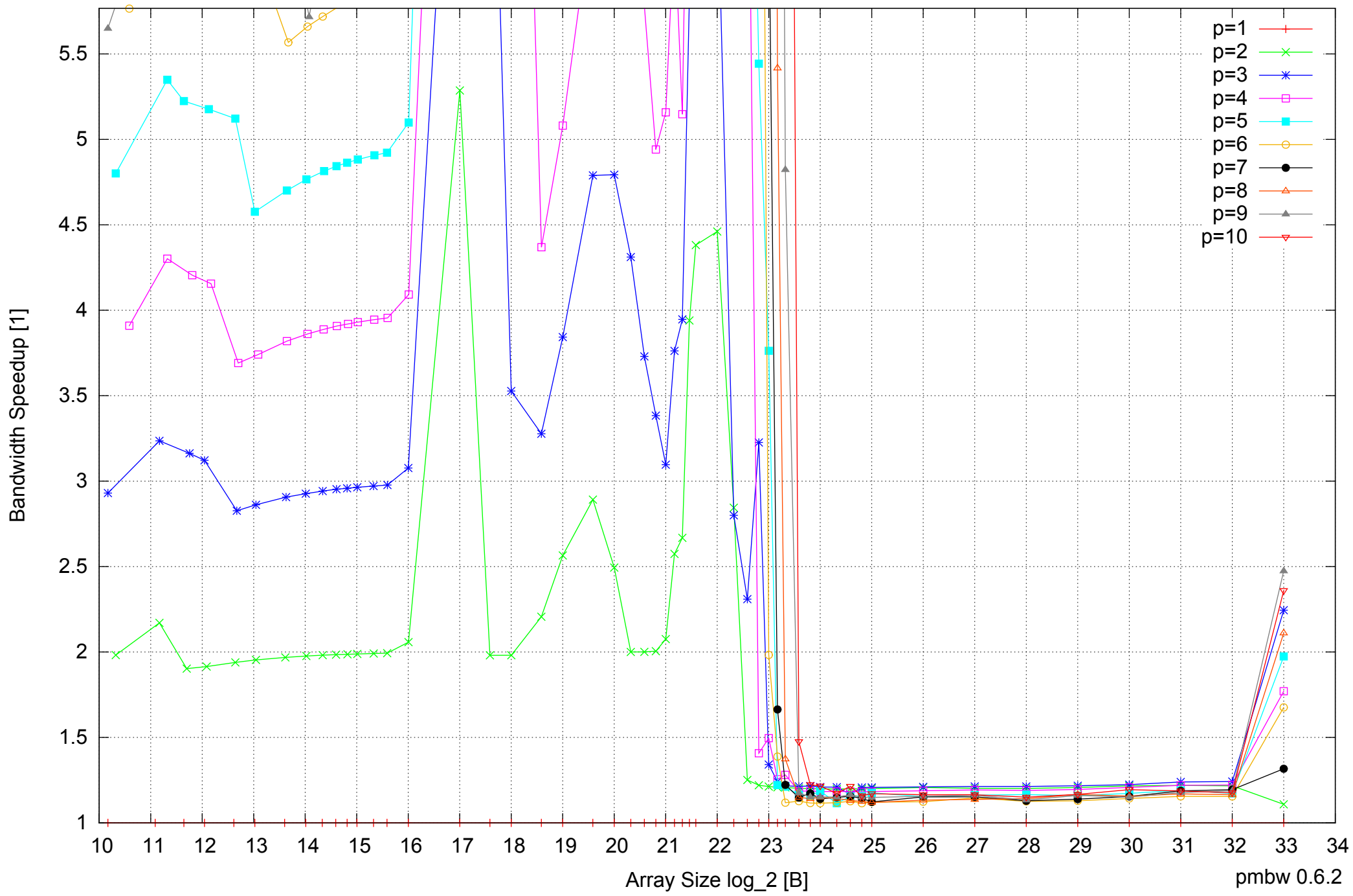


AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanWrite64IndexUnrollLoop



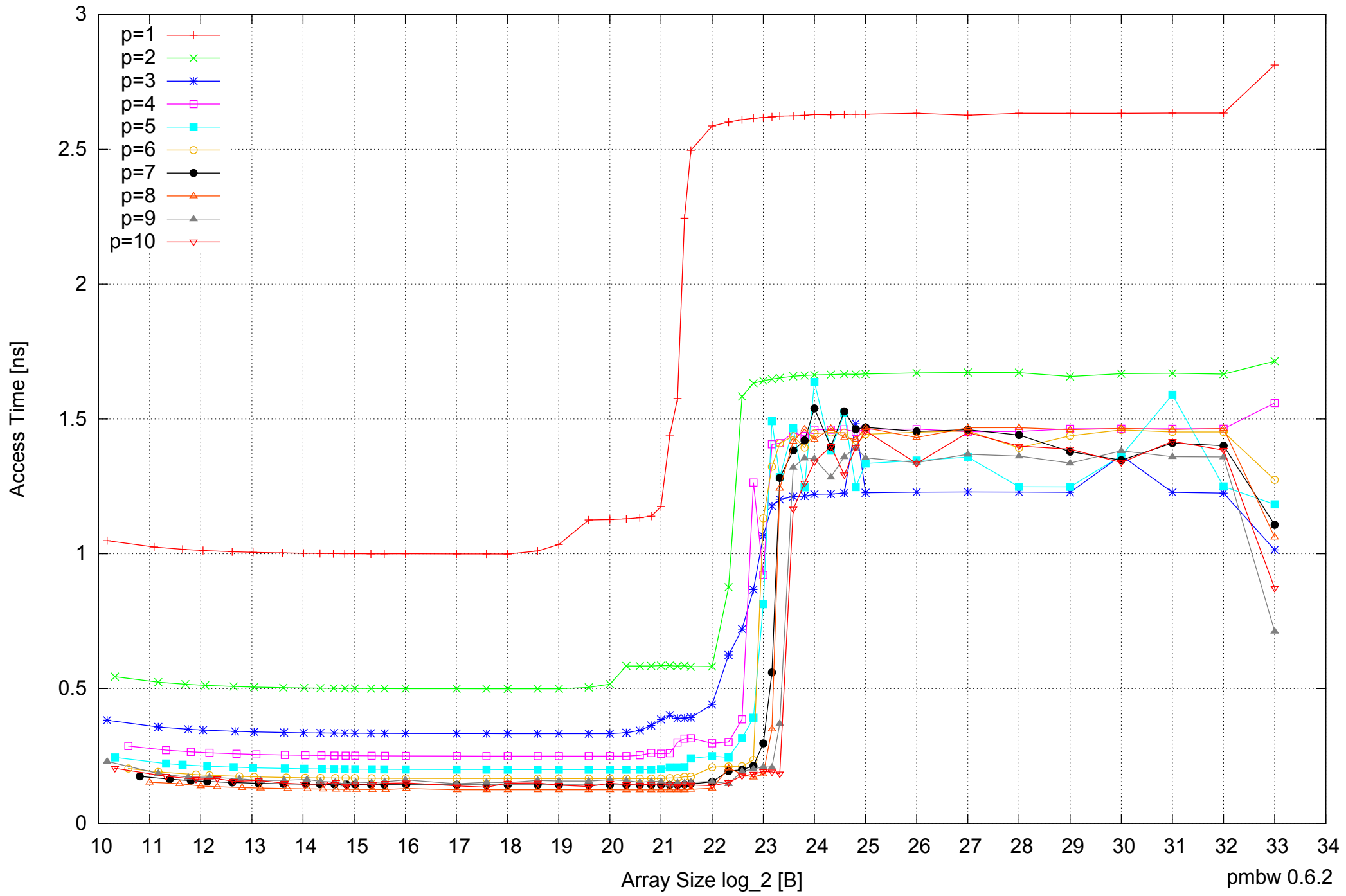


AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64IndexUnrollLoop

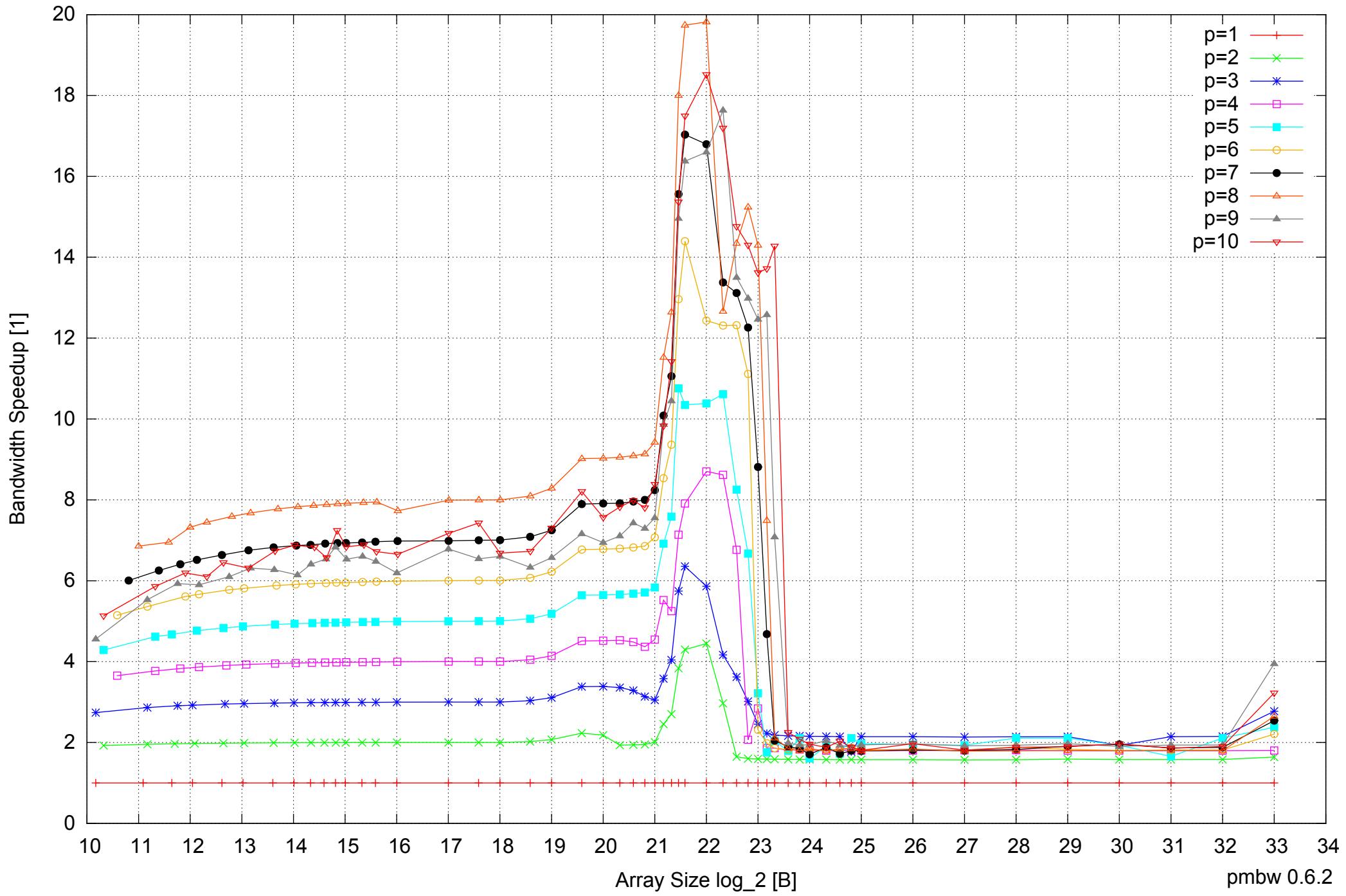




AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanRead64IndexSimpleLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanRead64IndexSimpleLoop

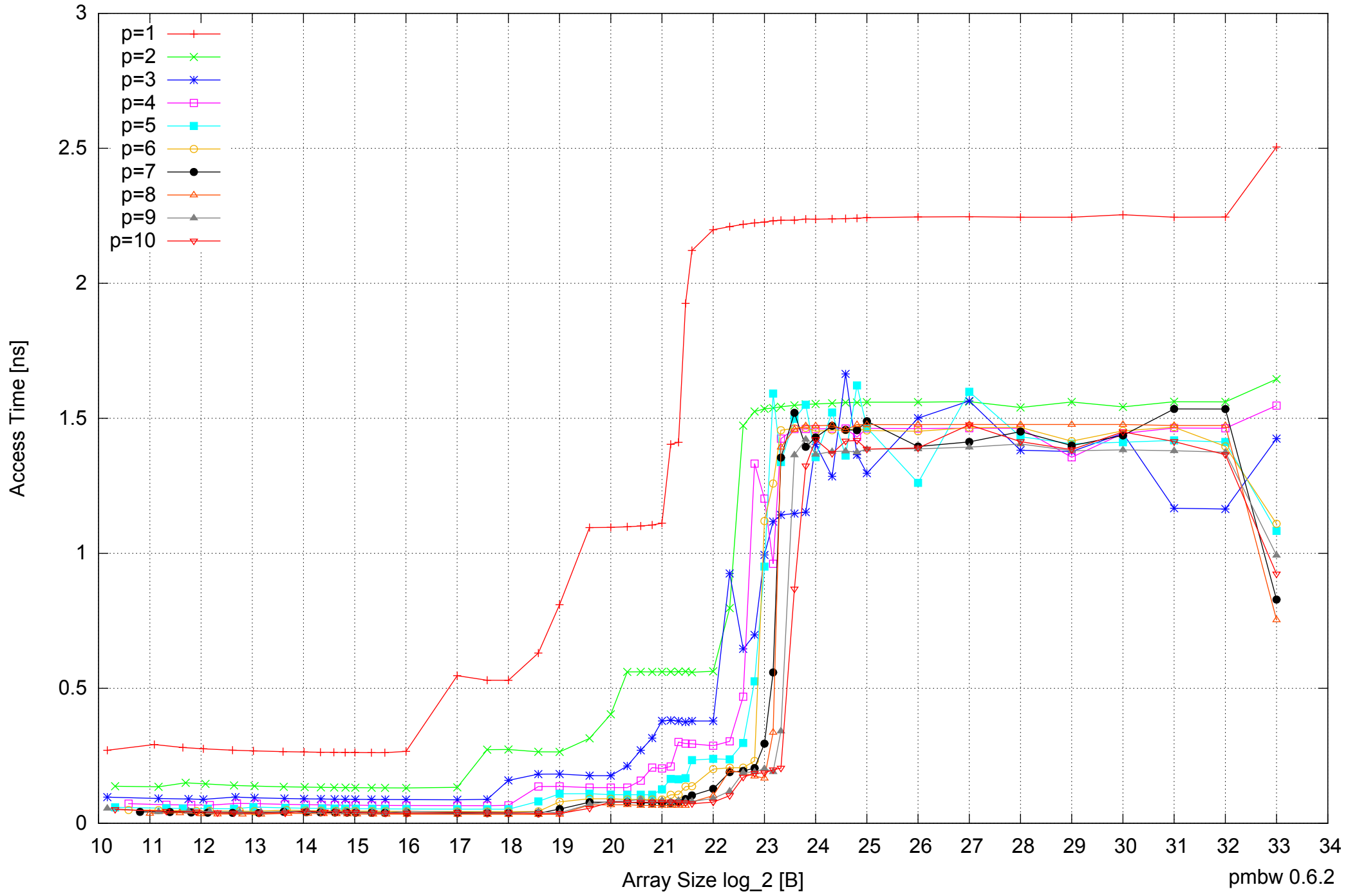




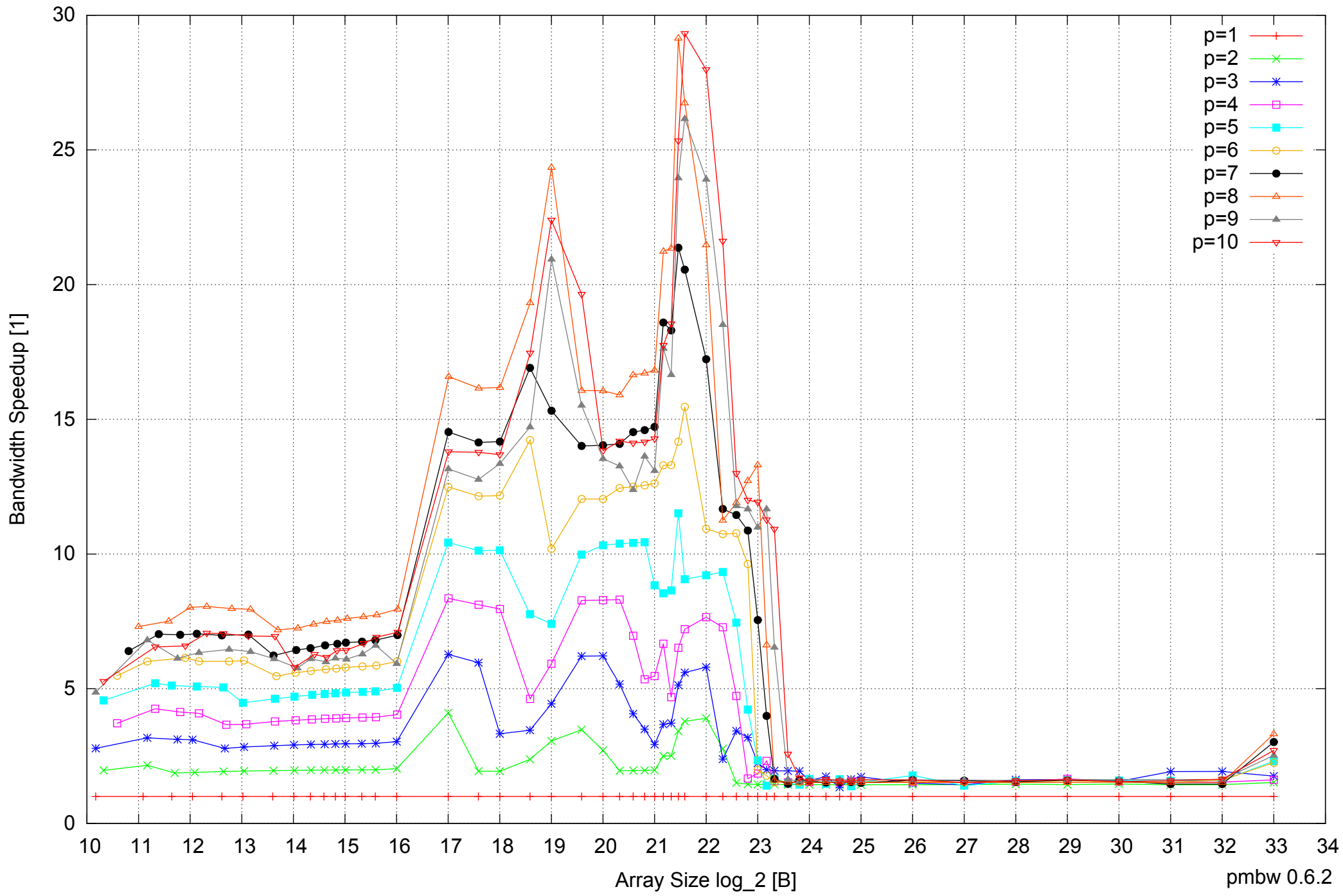




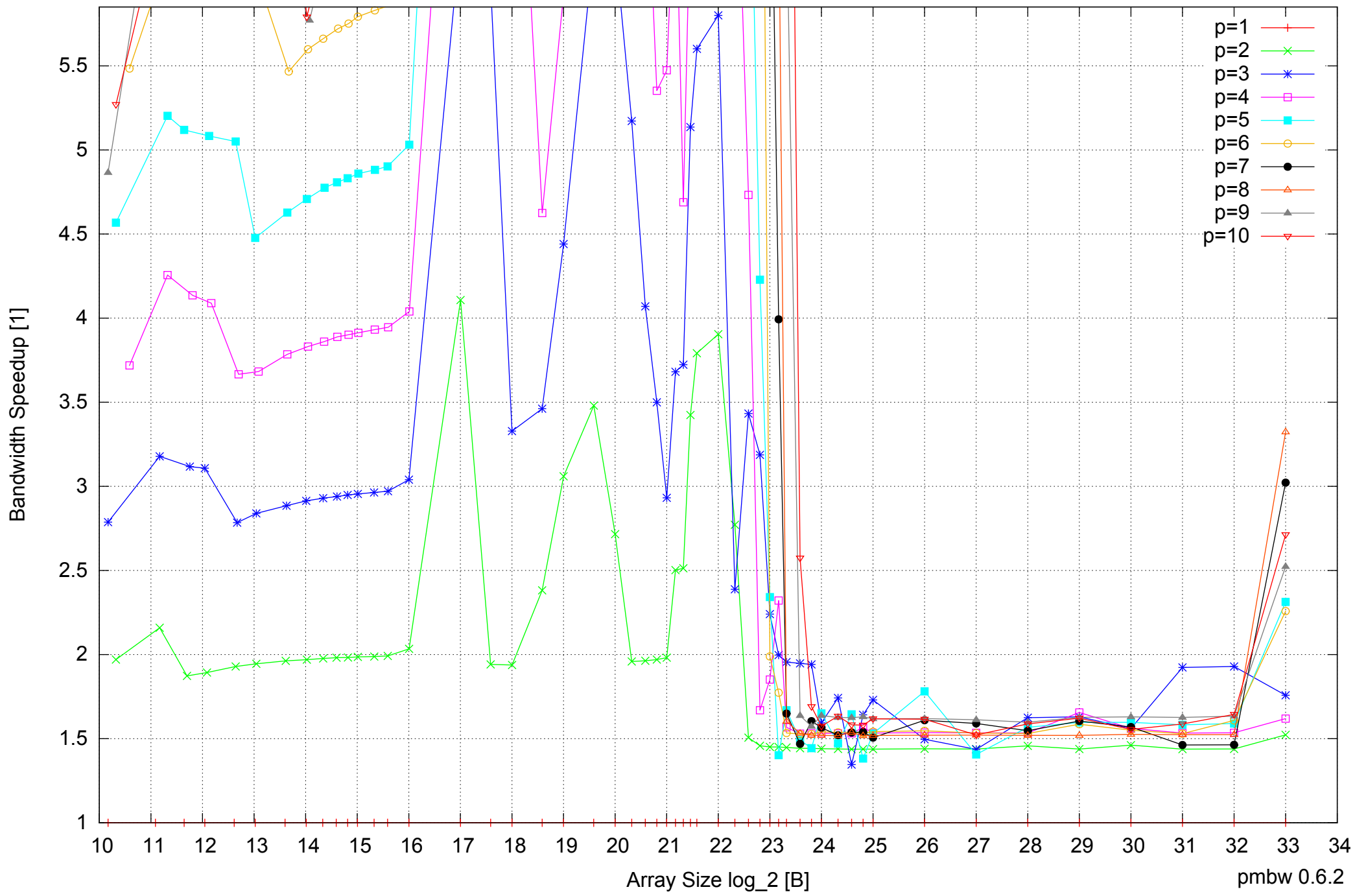
AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanRead64IndexUnrollLoop



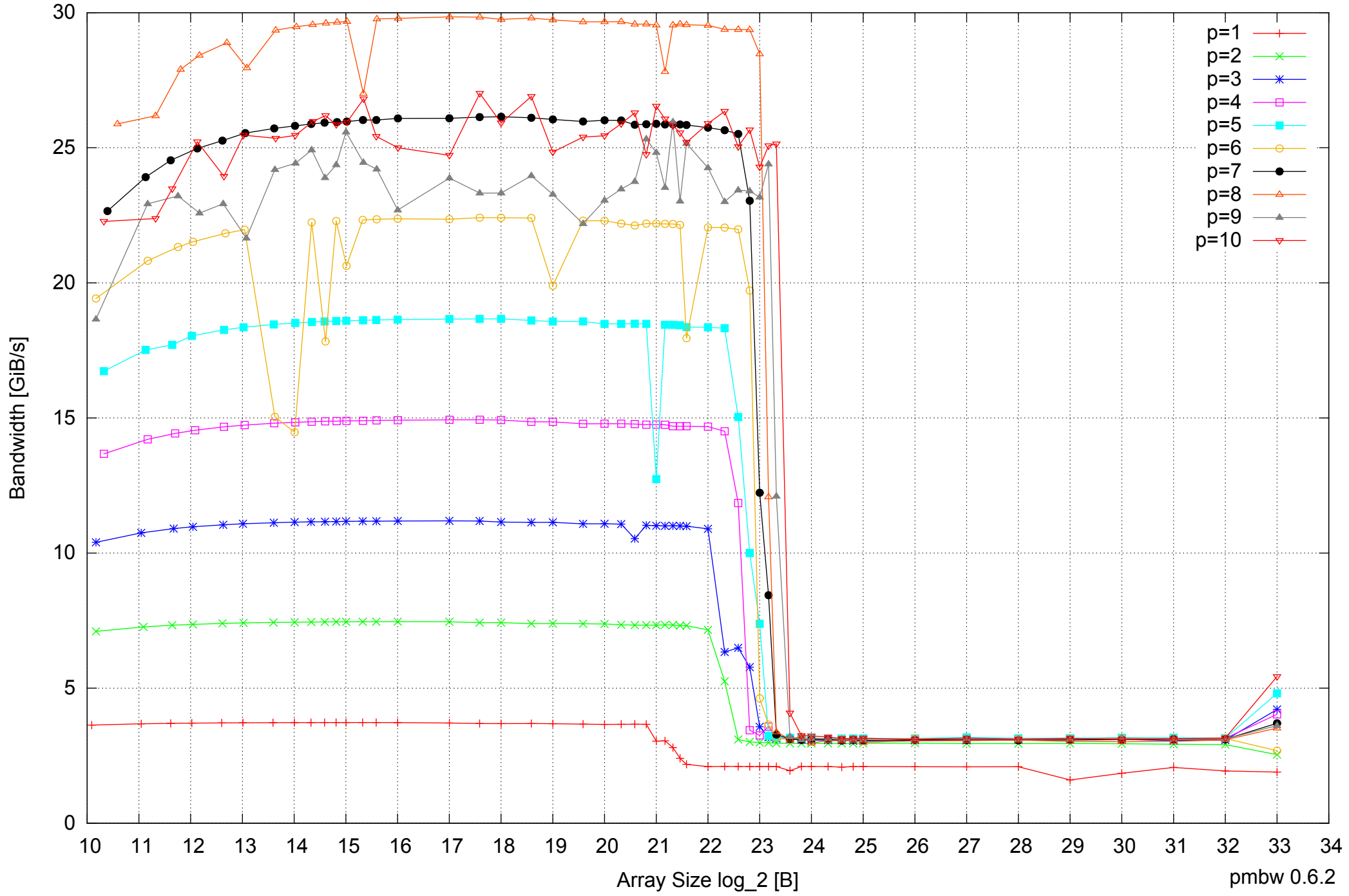
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanRead64IndexUnrollLoop



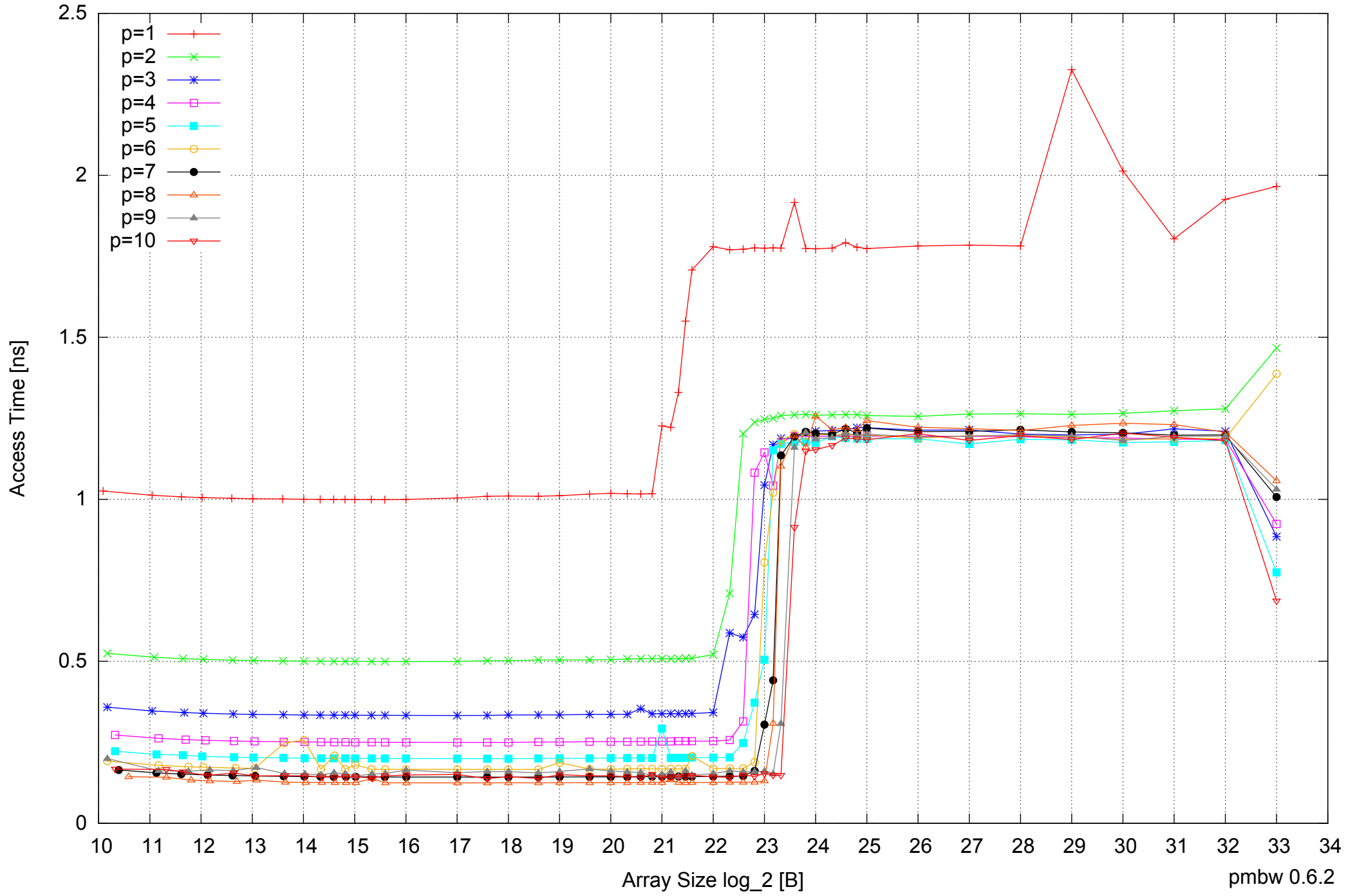
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64IndexUnrollLoop



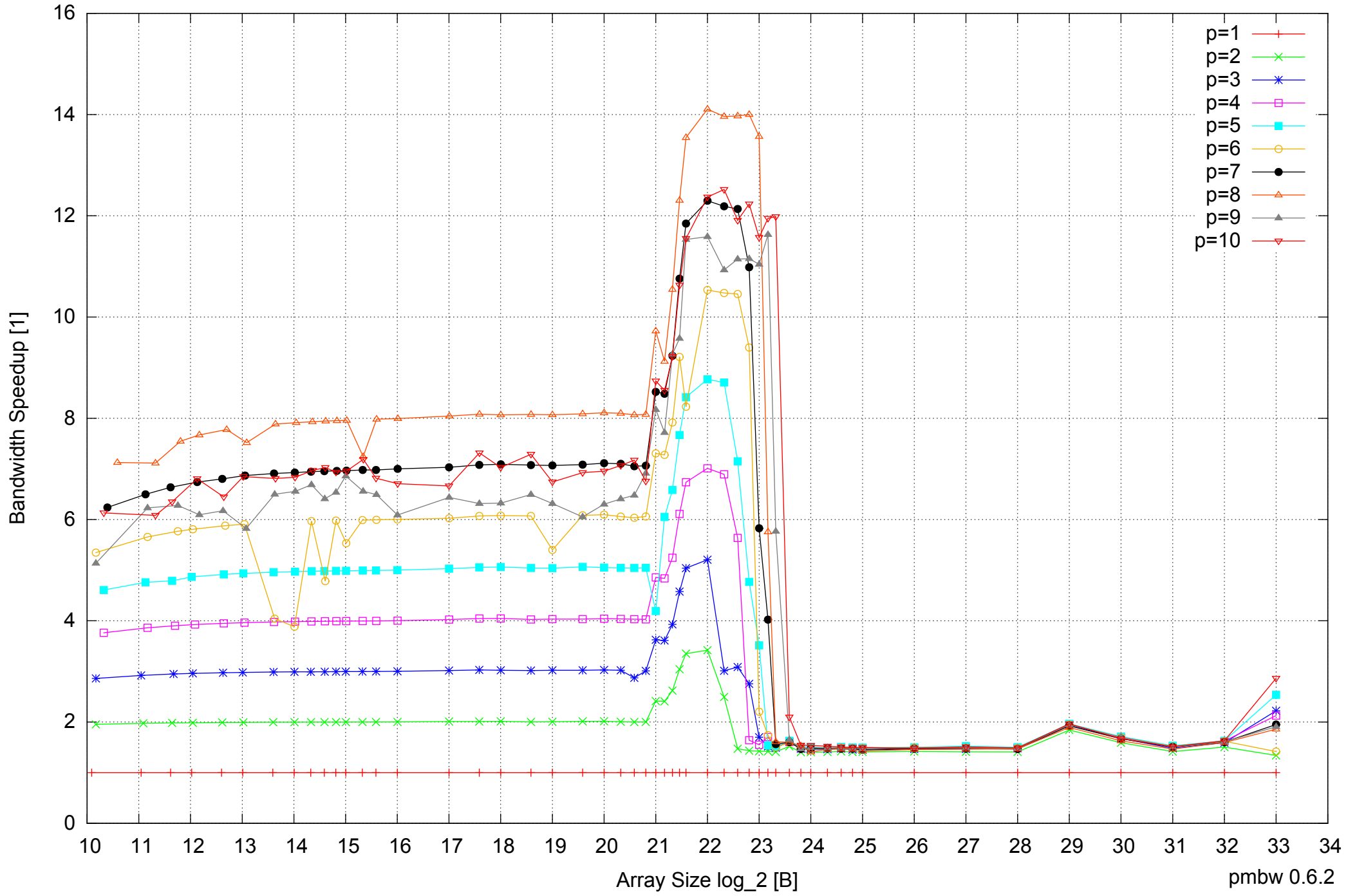
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



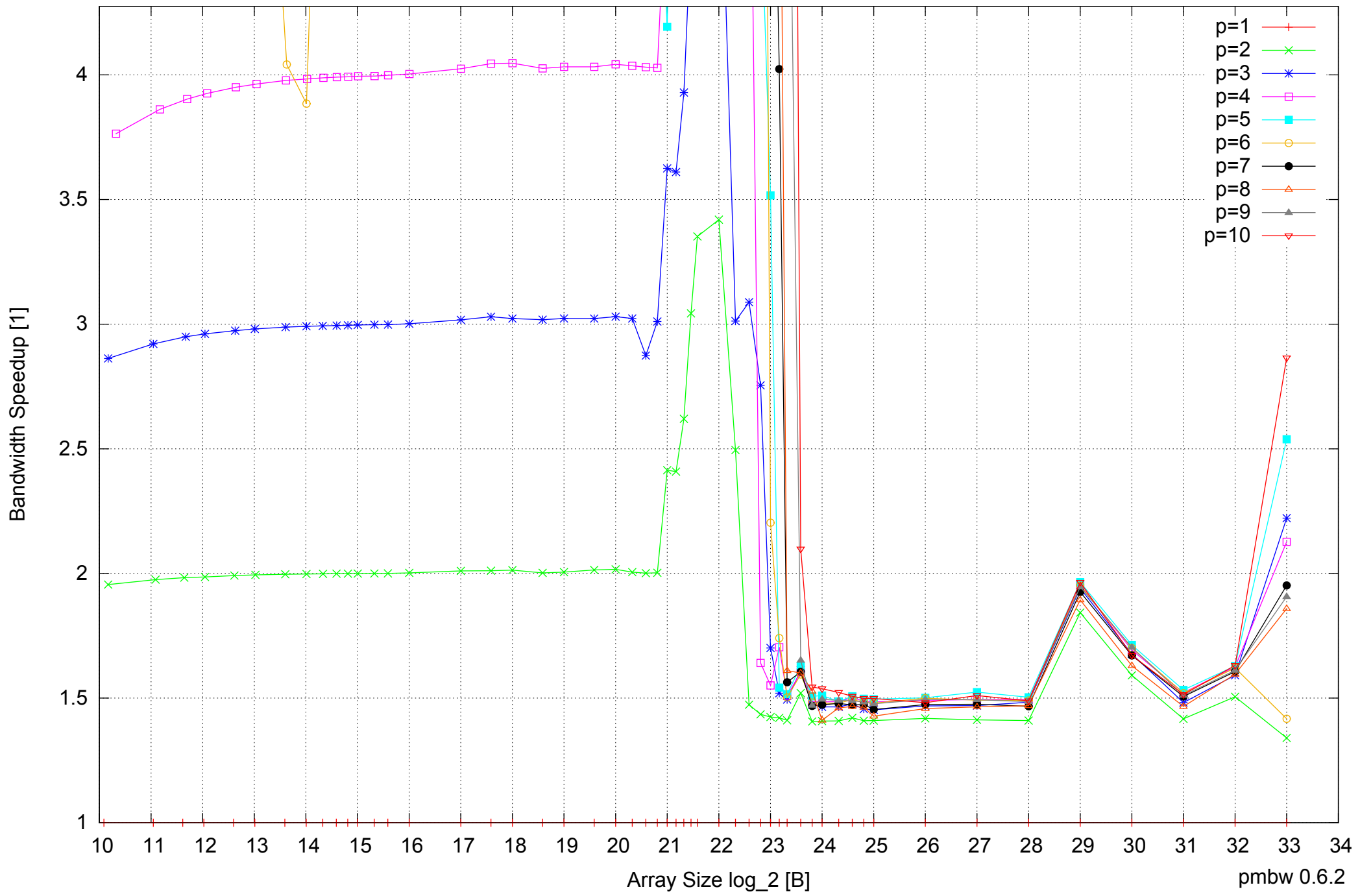
AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanWrite32PtrSimpleLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop

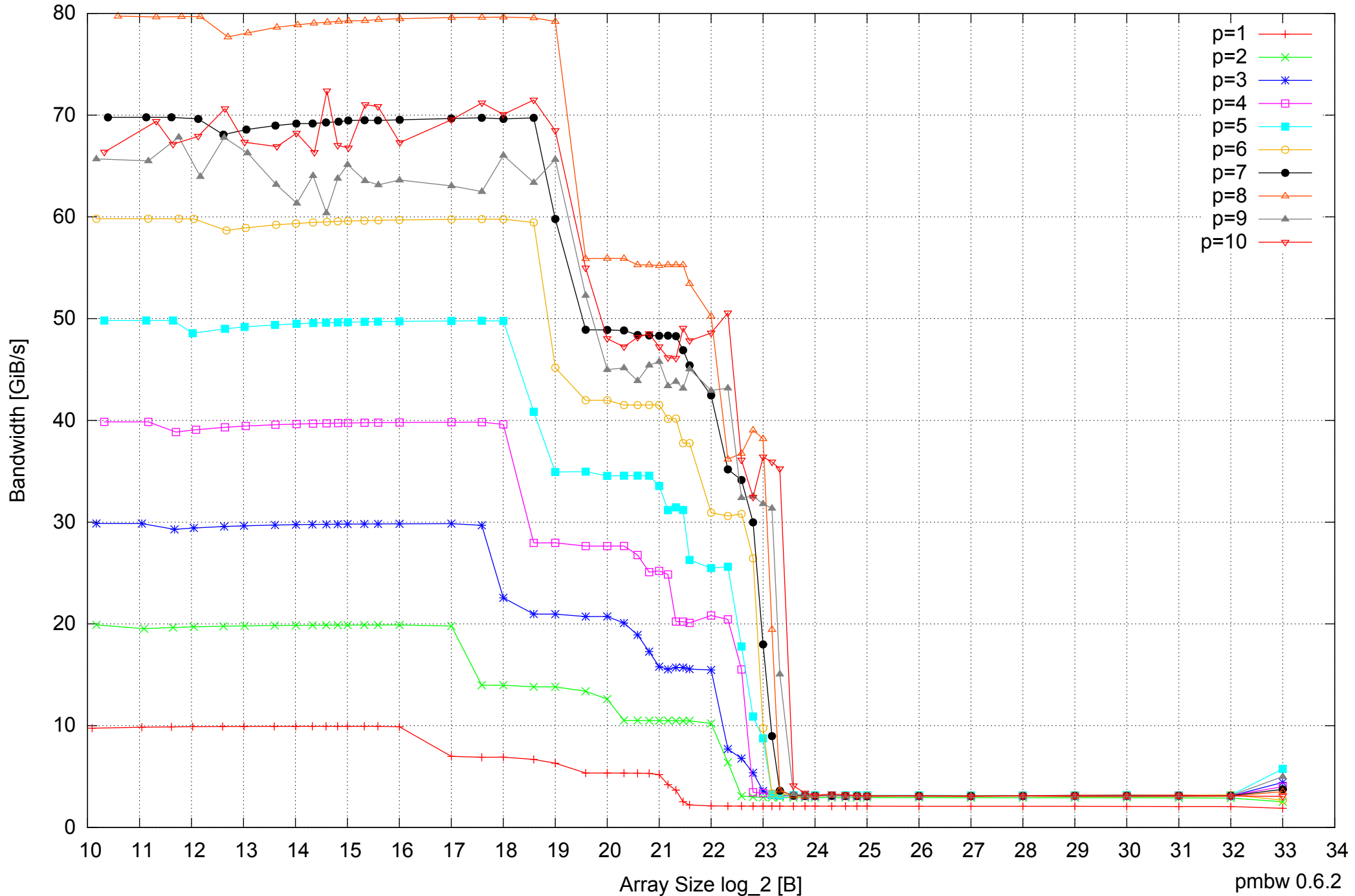


AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32PtrSimpleLoop

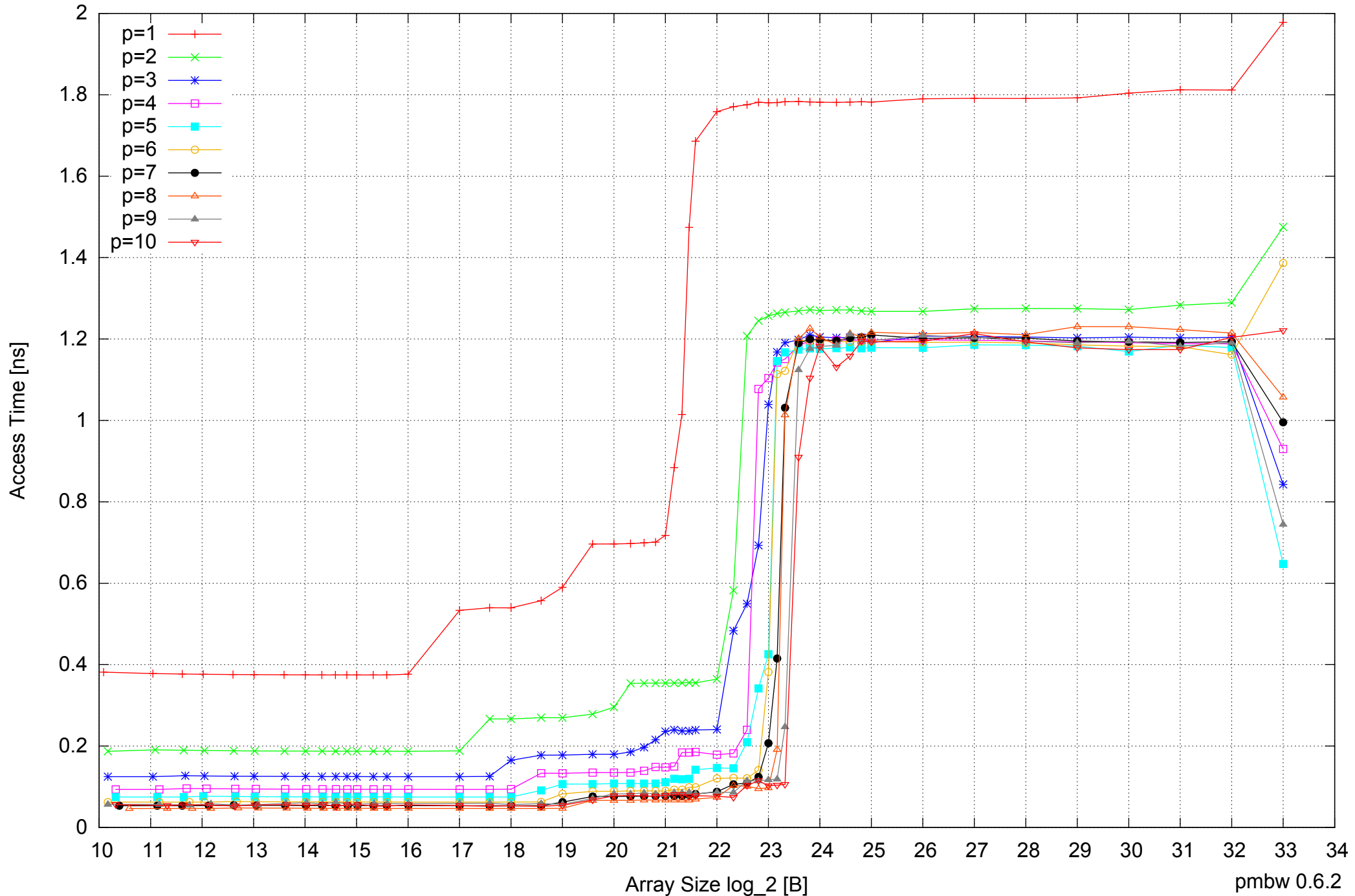




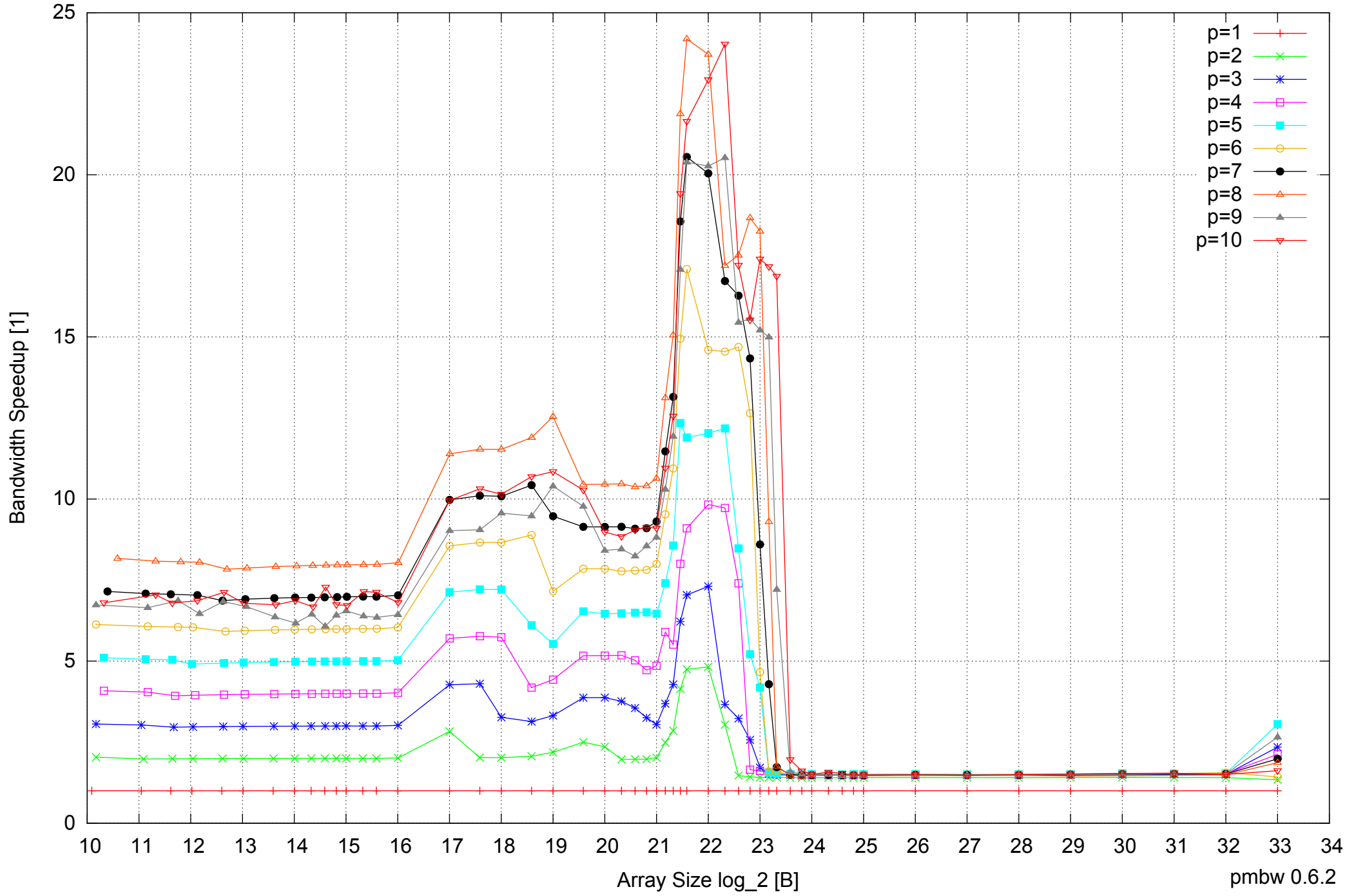
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop



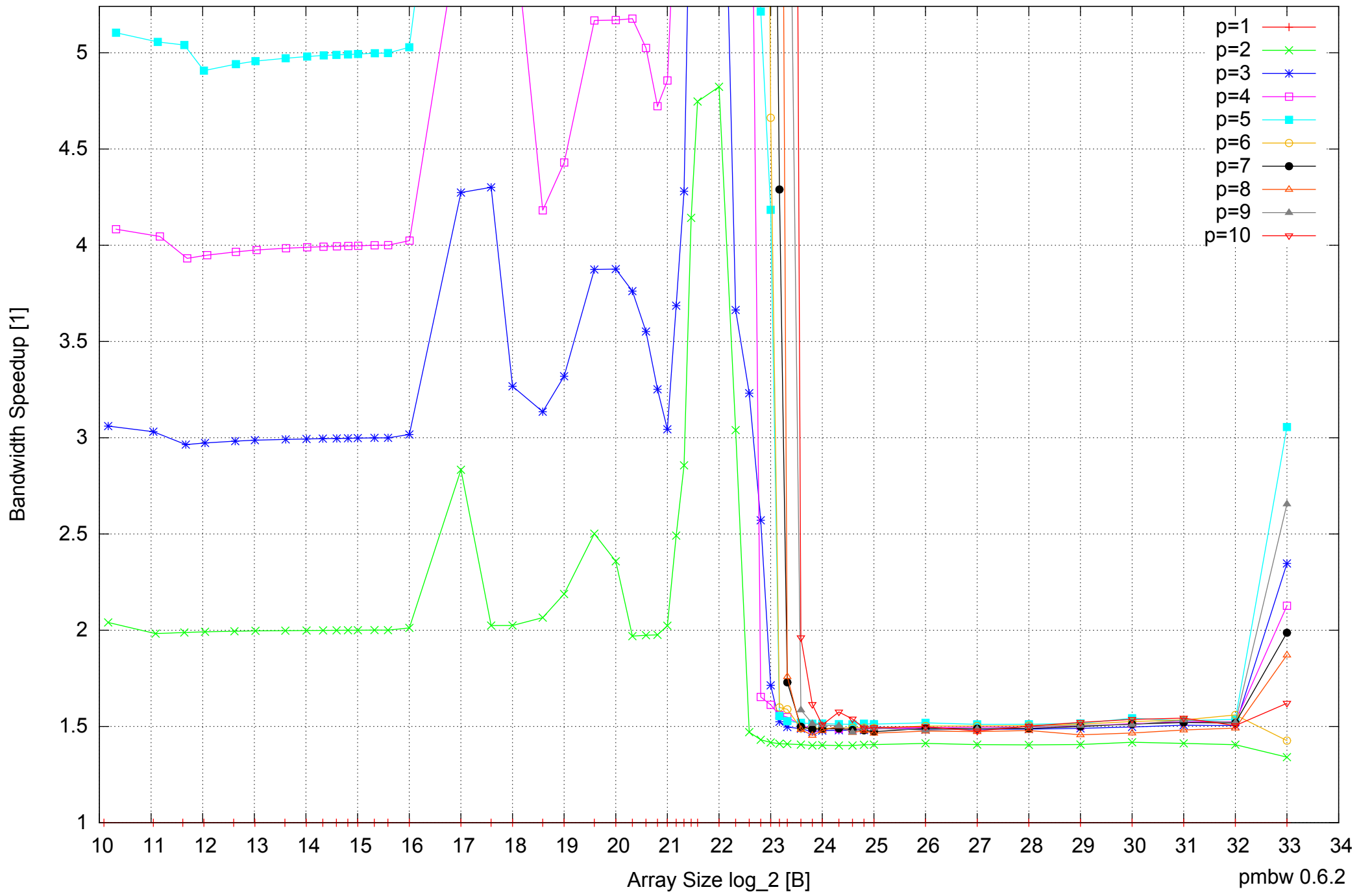
AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanWrite32PtrUnrollLoop



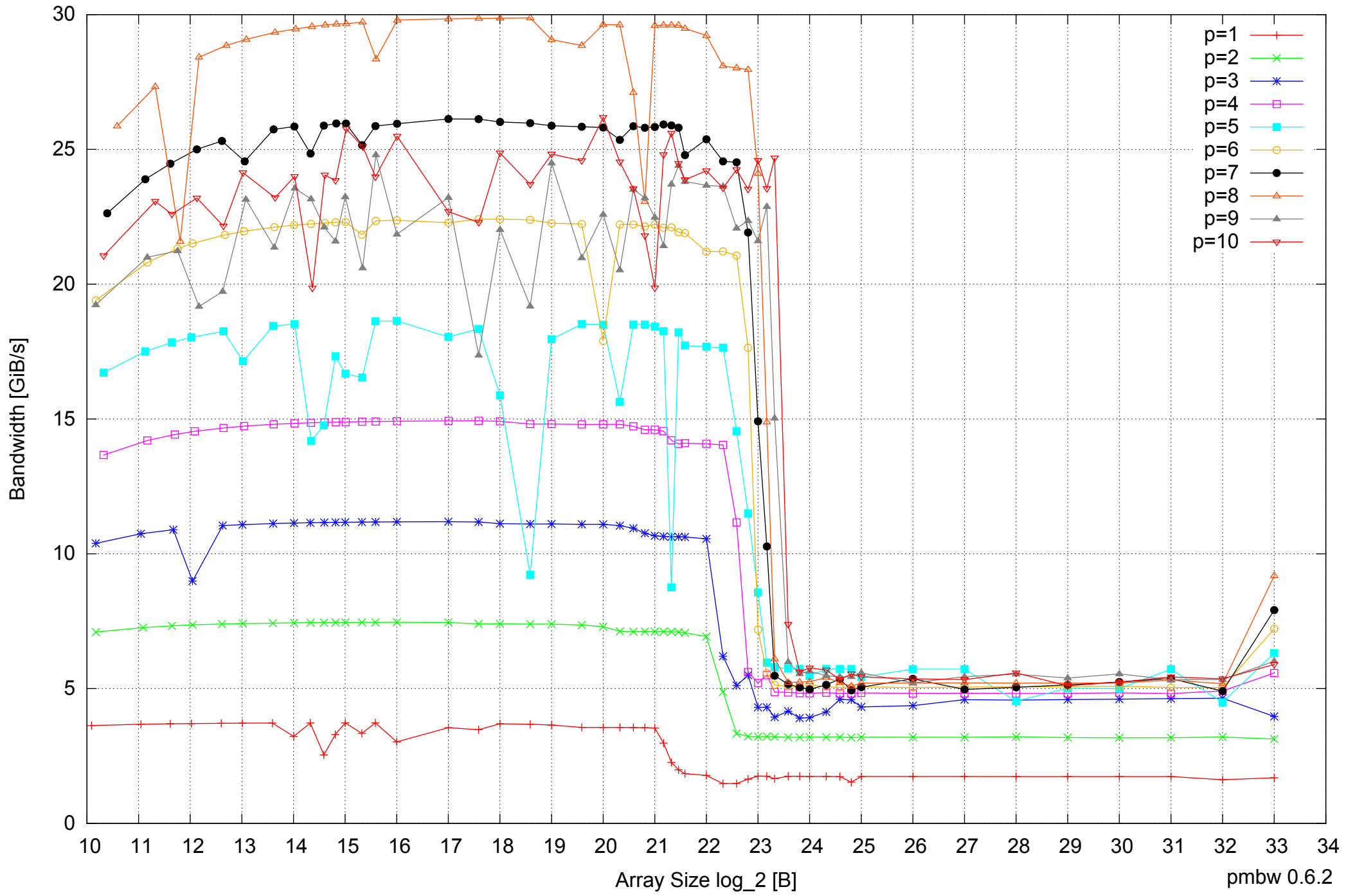
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop



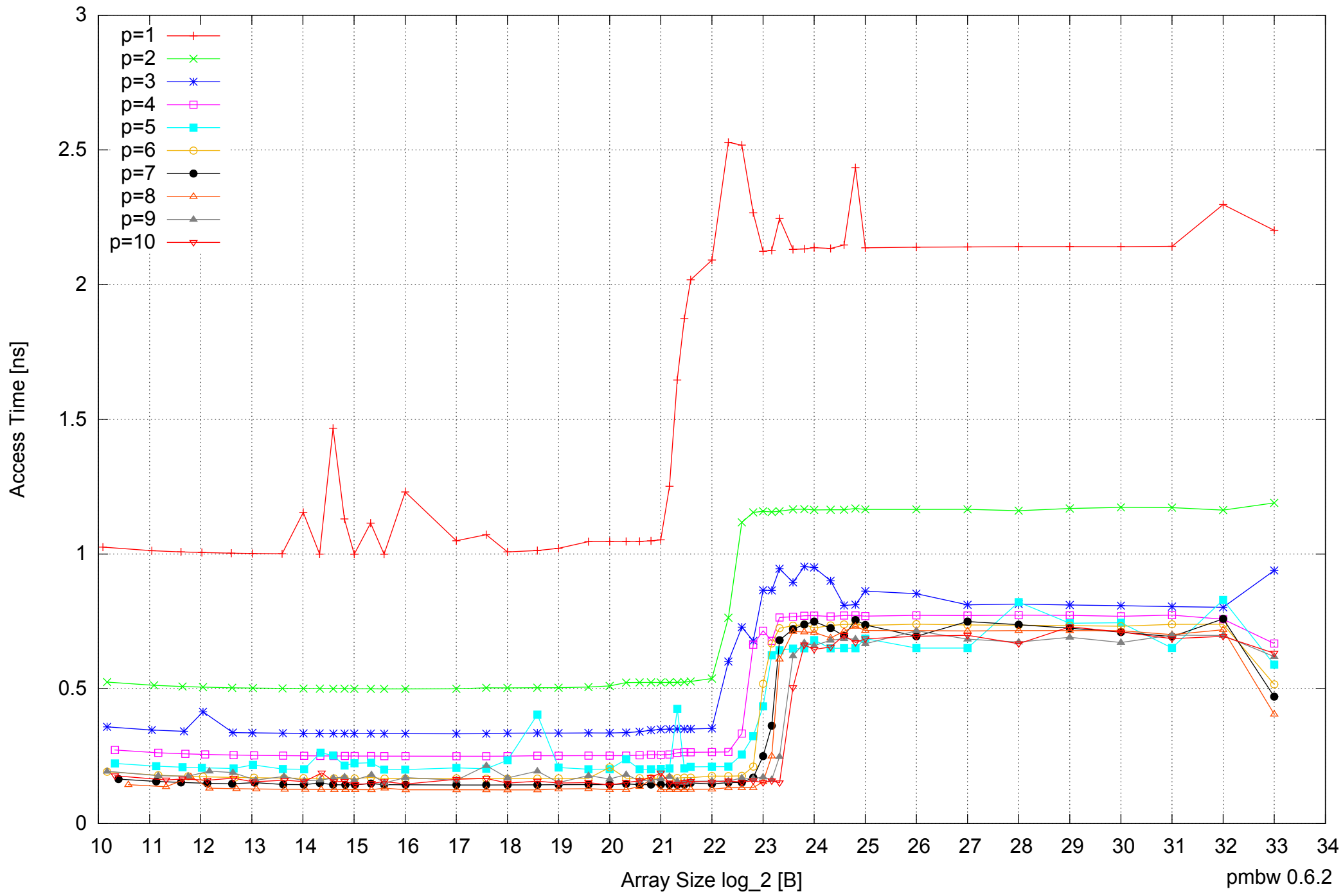
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32PtrUnrollLoop



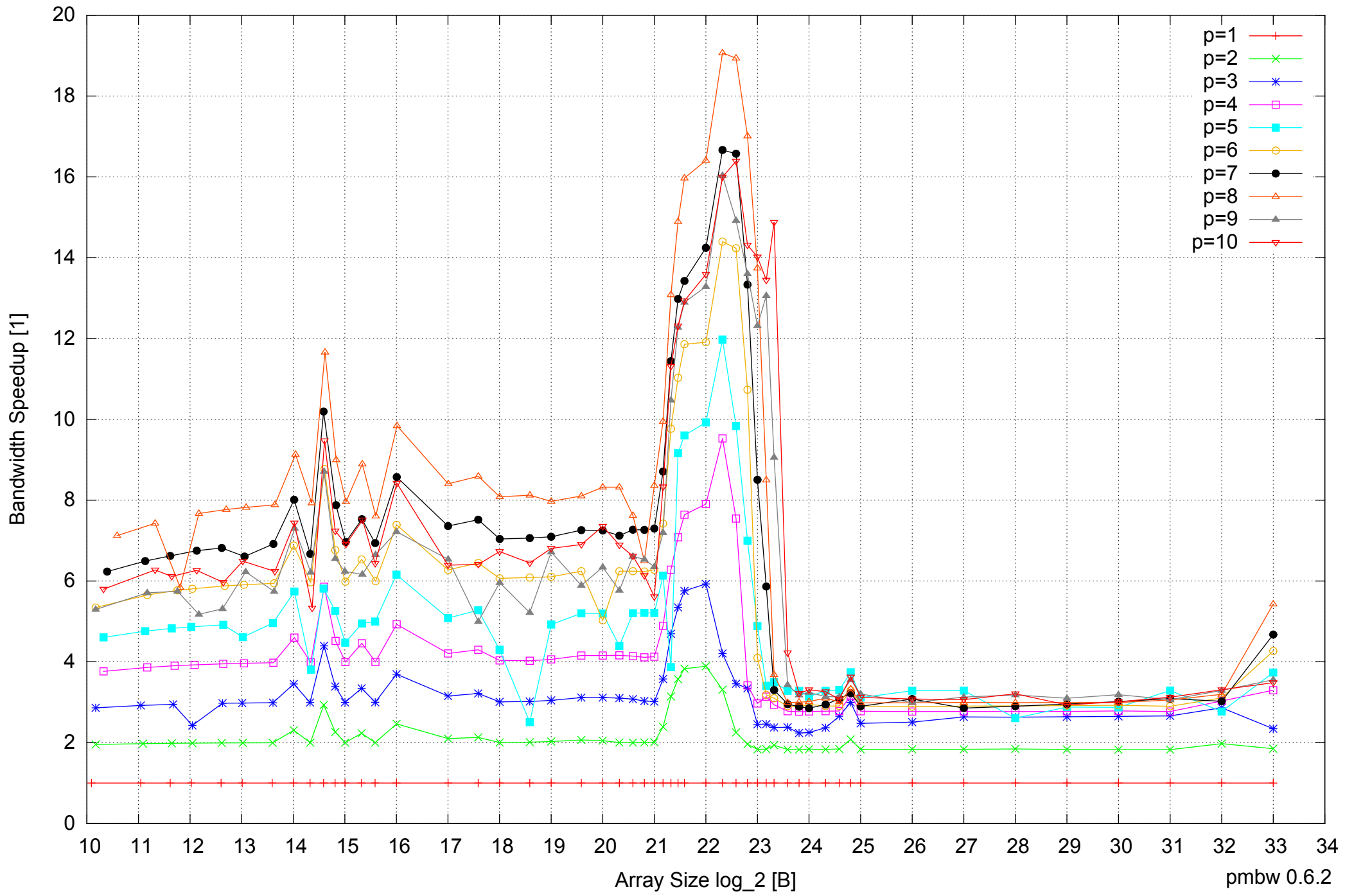
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop



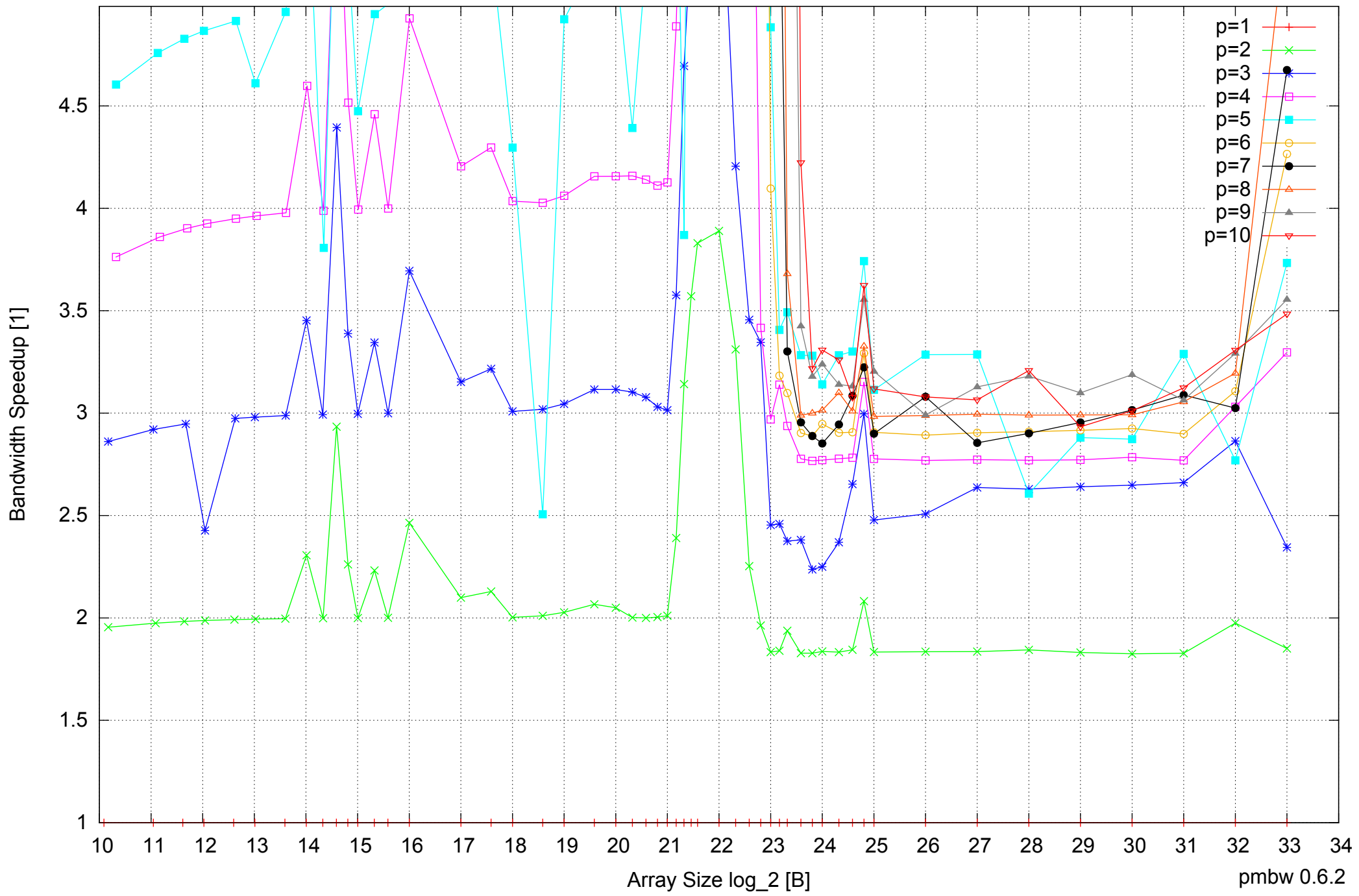
AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanRead32PtrSimpleLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop

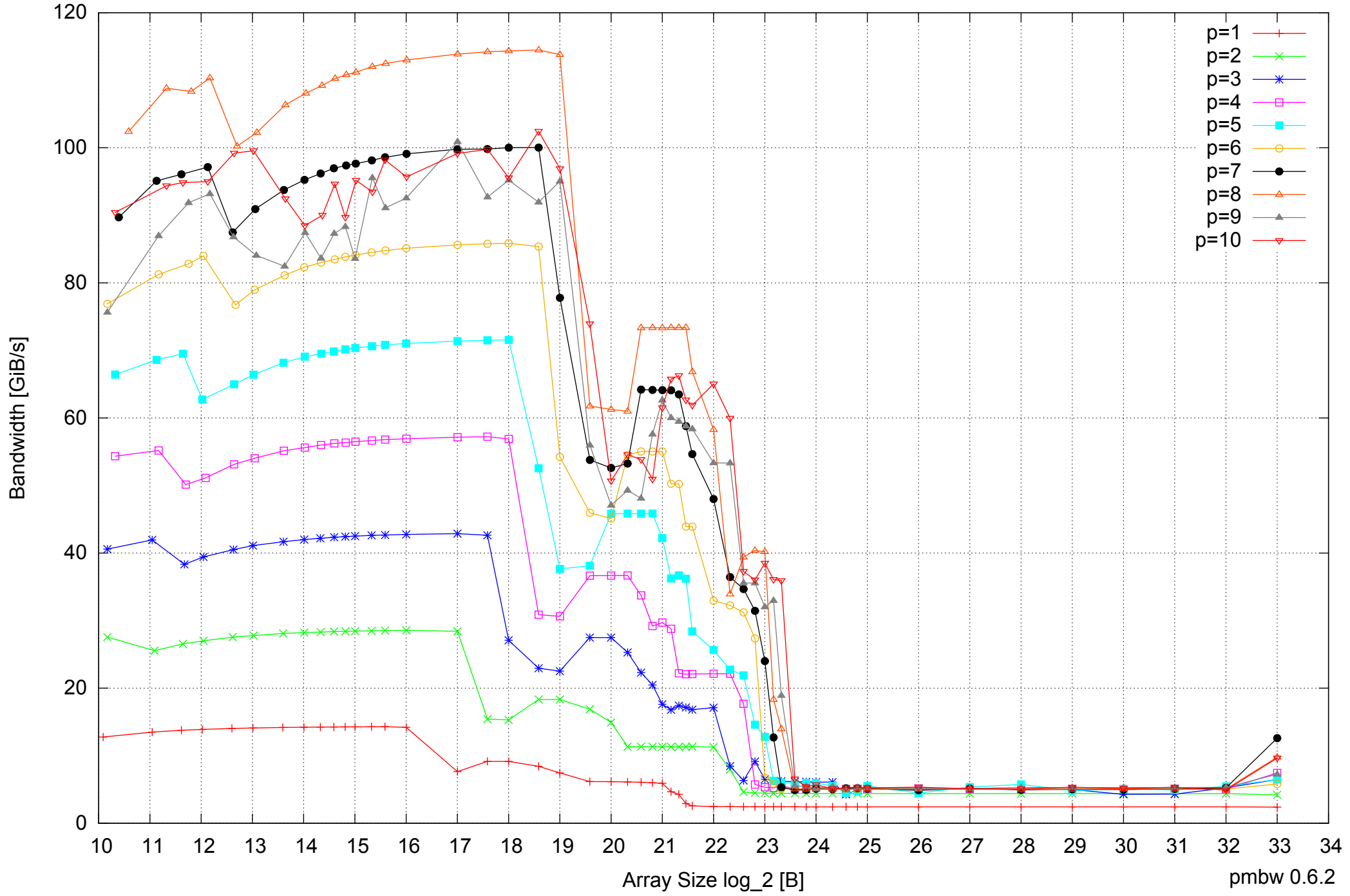


AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32PtrSimpleLoop

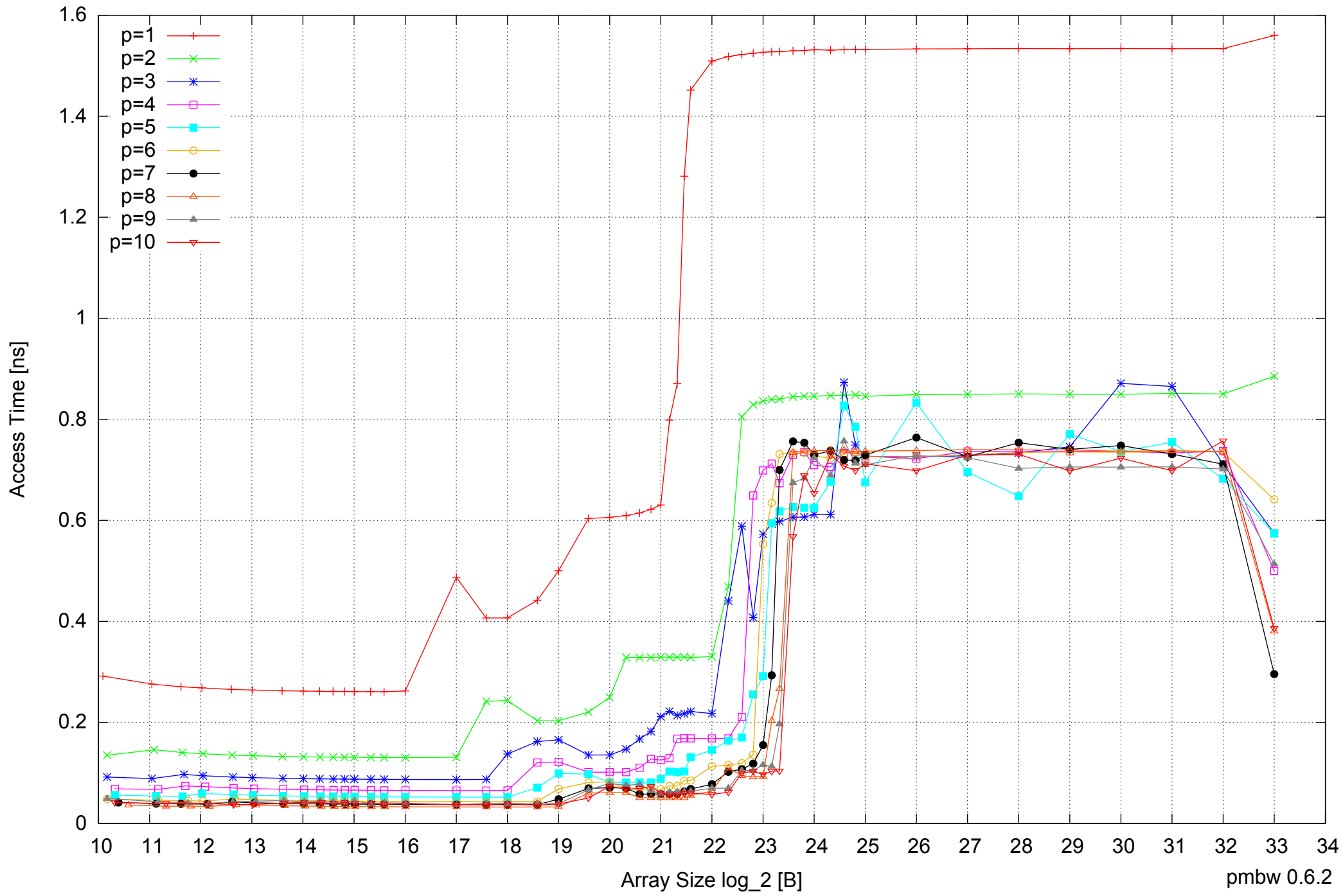




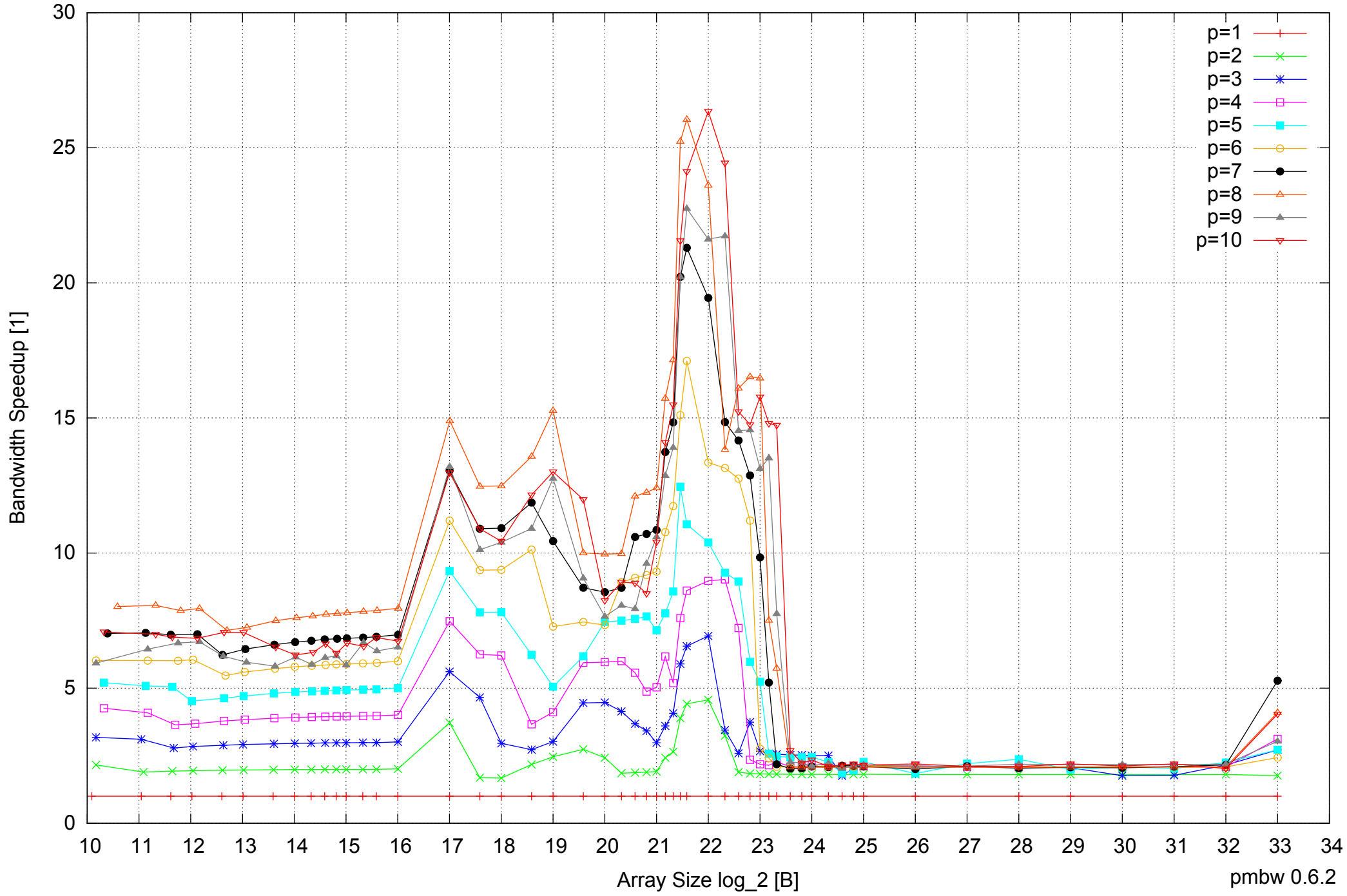
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop



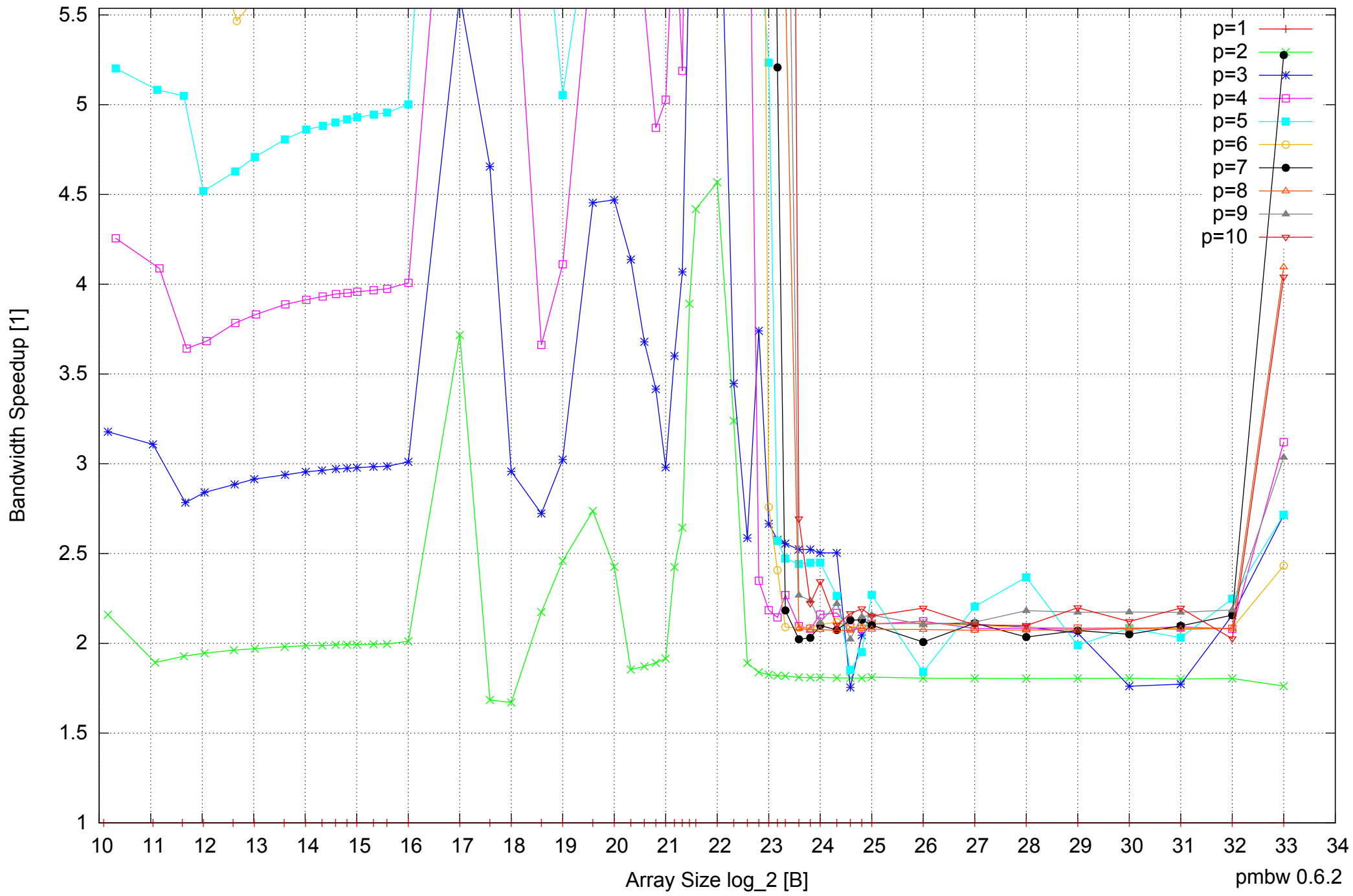
AMD Opteron 2350 16GB - Parallel Memory Access Time - ScanRead32PtrUnrollLoop



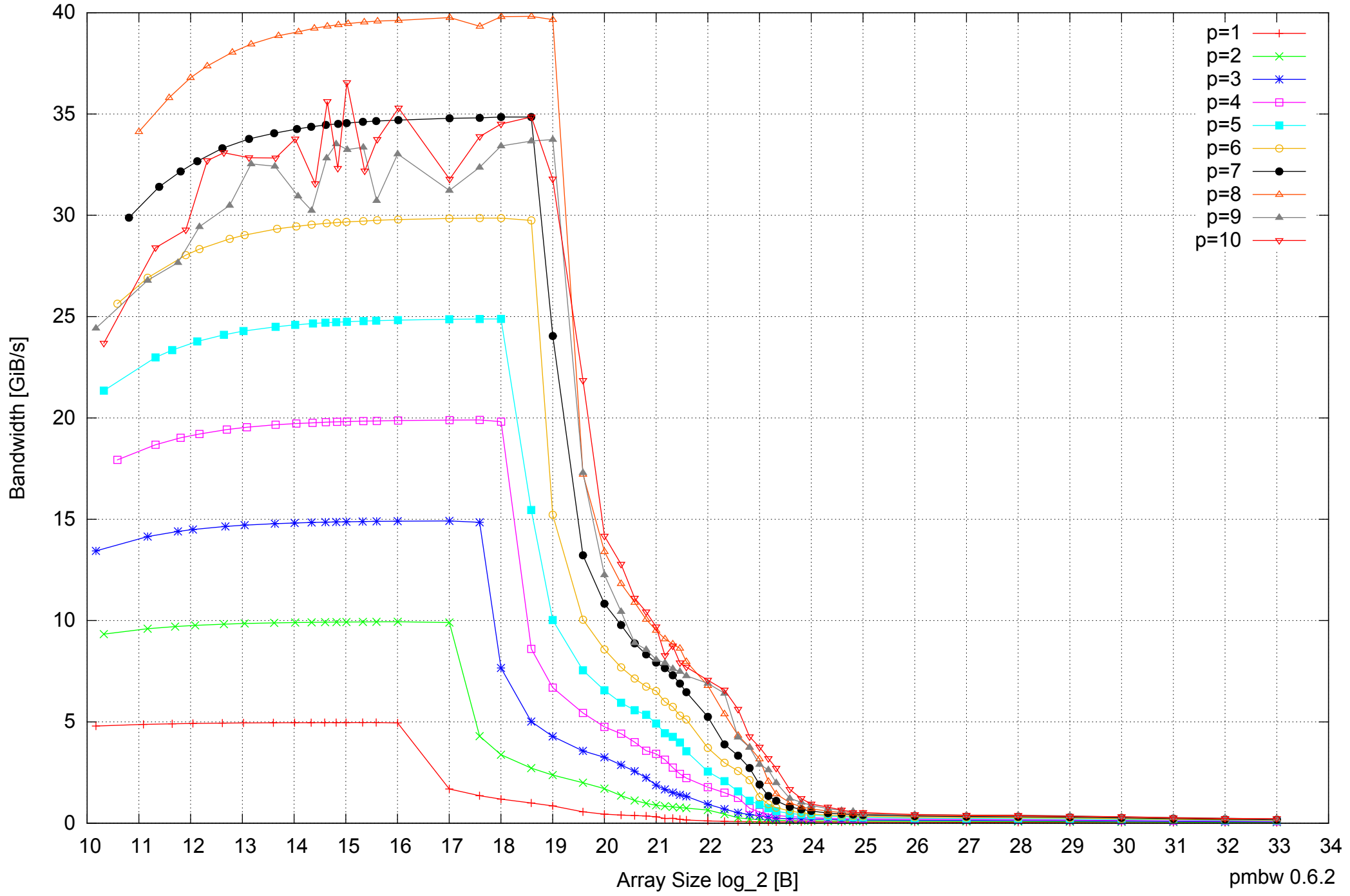
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop



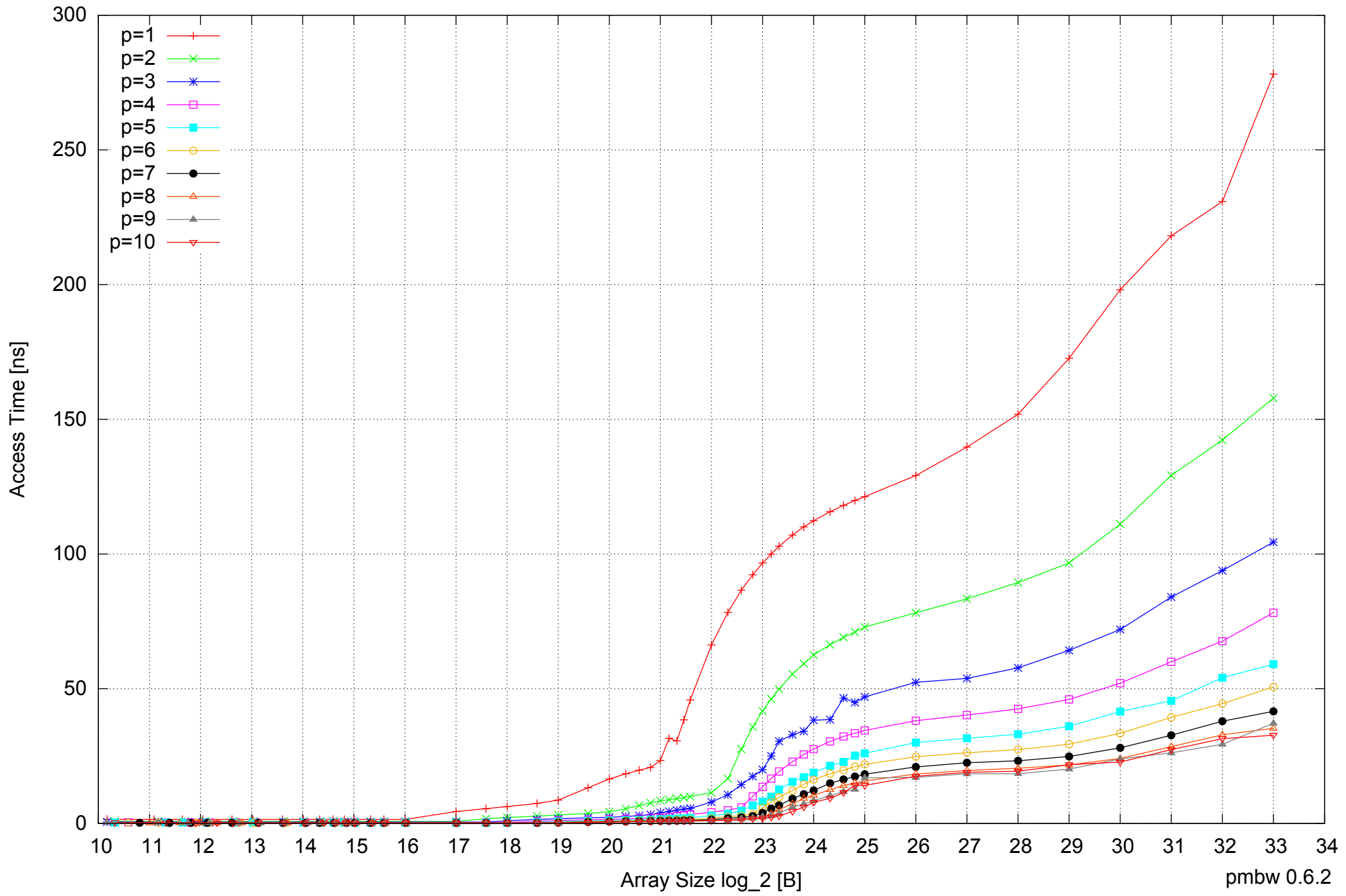
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32PtrUnrollLoop



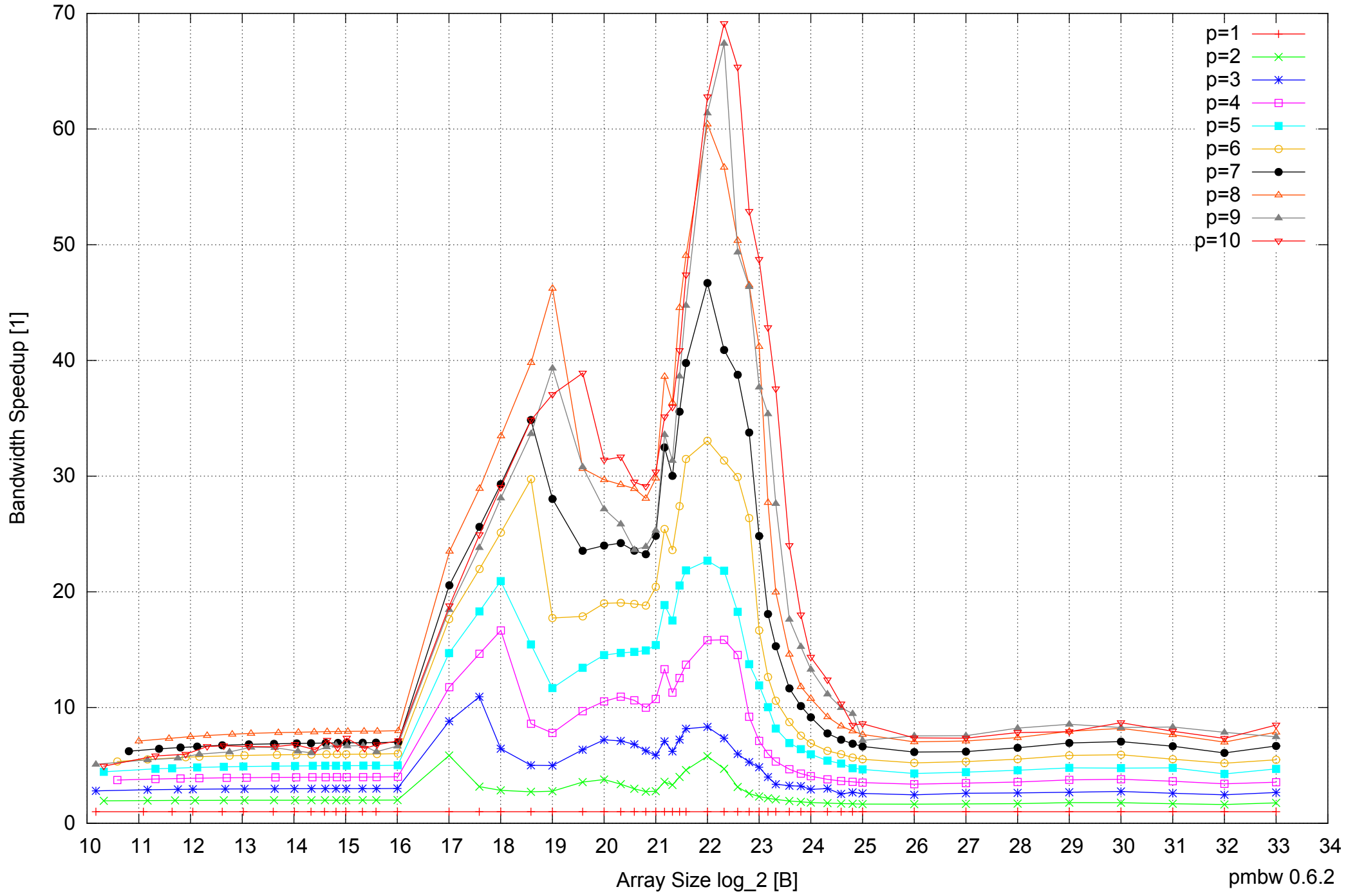
AMD Opteron 2350 16GB - Parallel Memory Bandwidth - PermRead64SimpleLoop



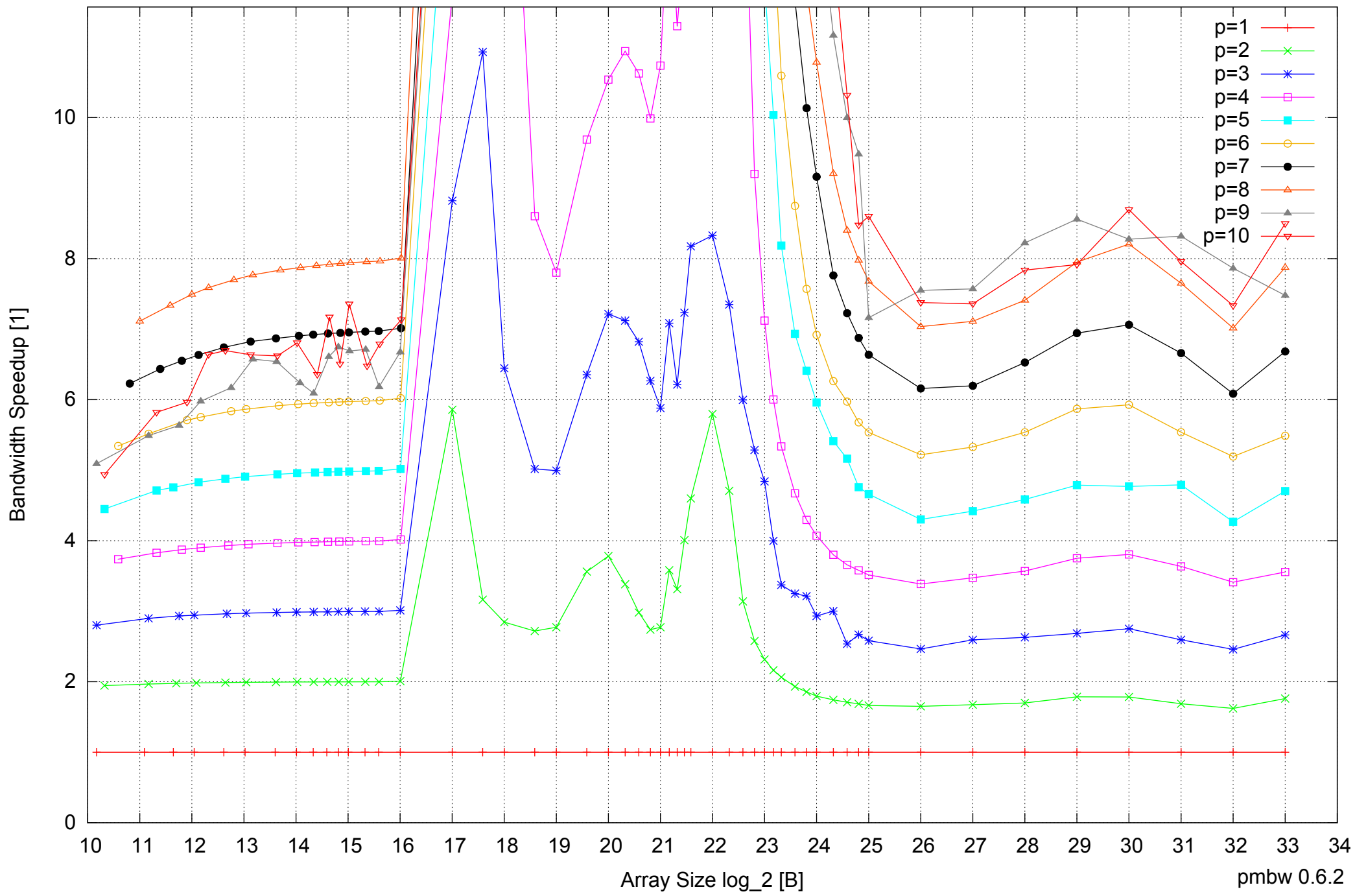
AMD Opteron 2350 16GB - Parallel Memory Access Time - PermRead64SimpleLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - PermRead64SimpleLoop



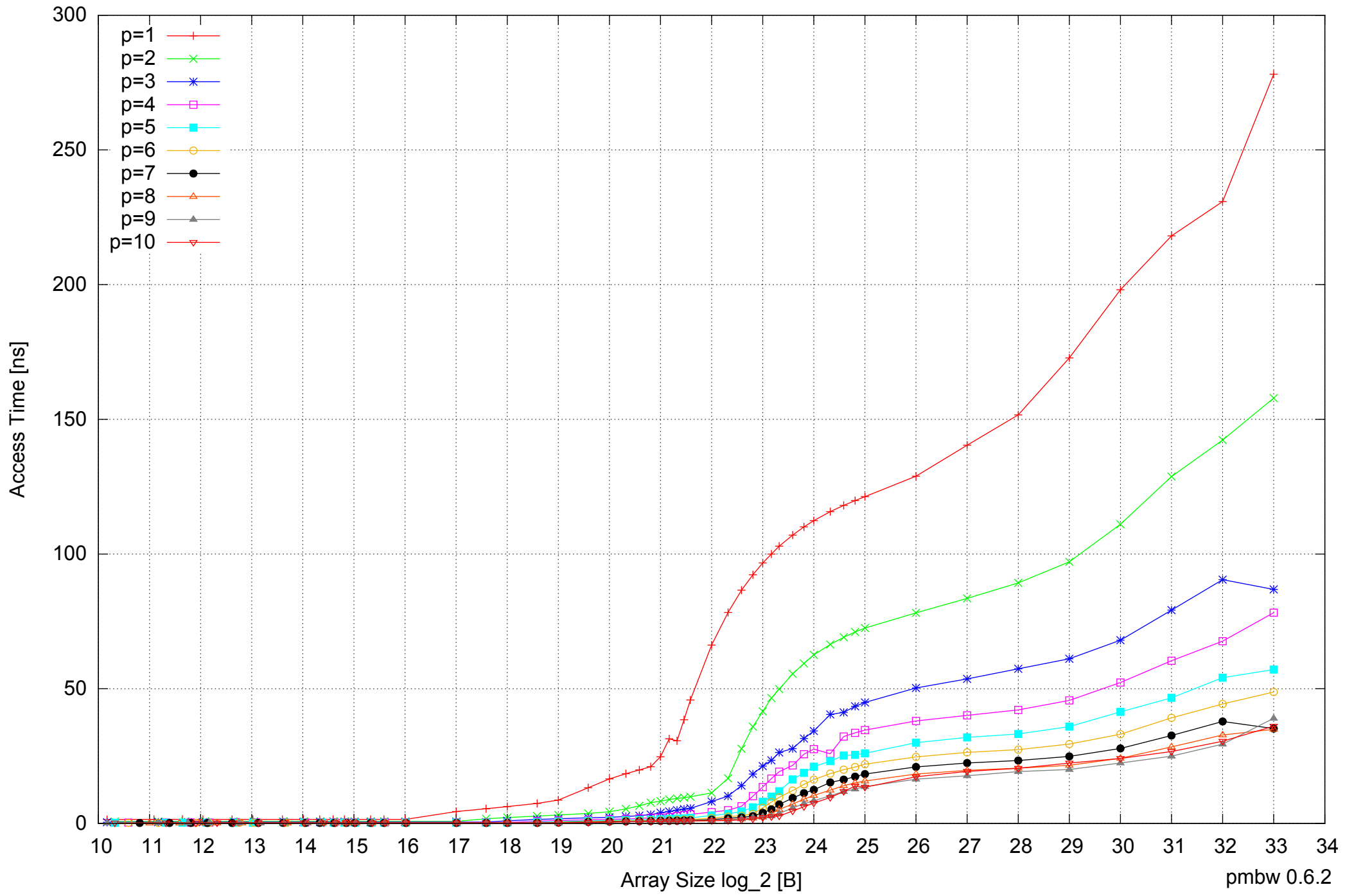
AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64SimpleLoop



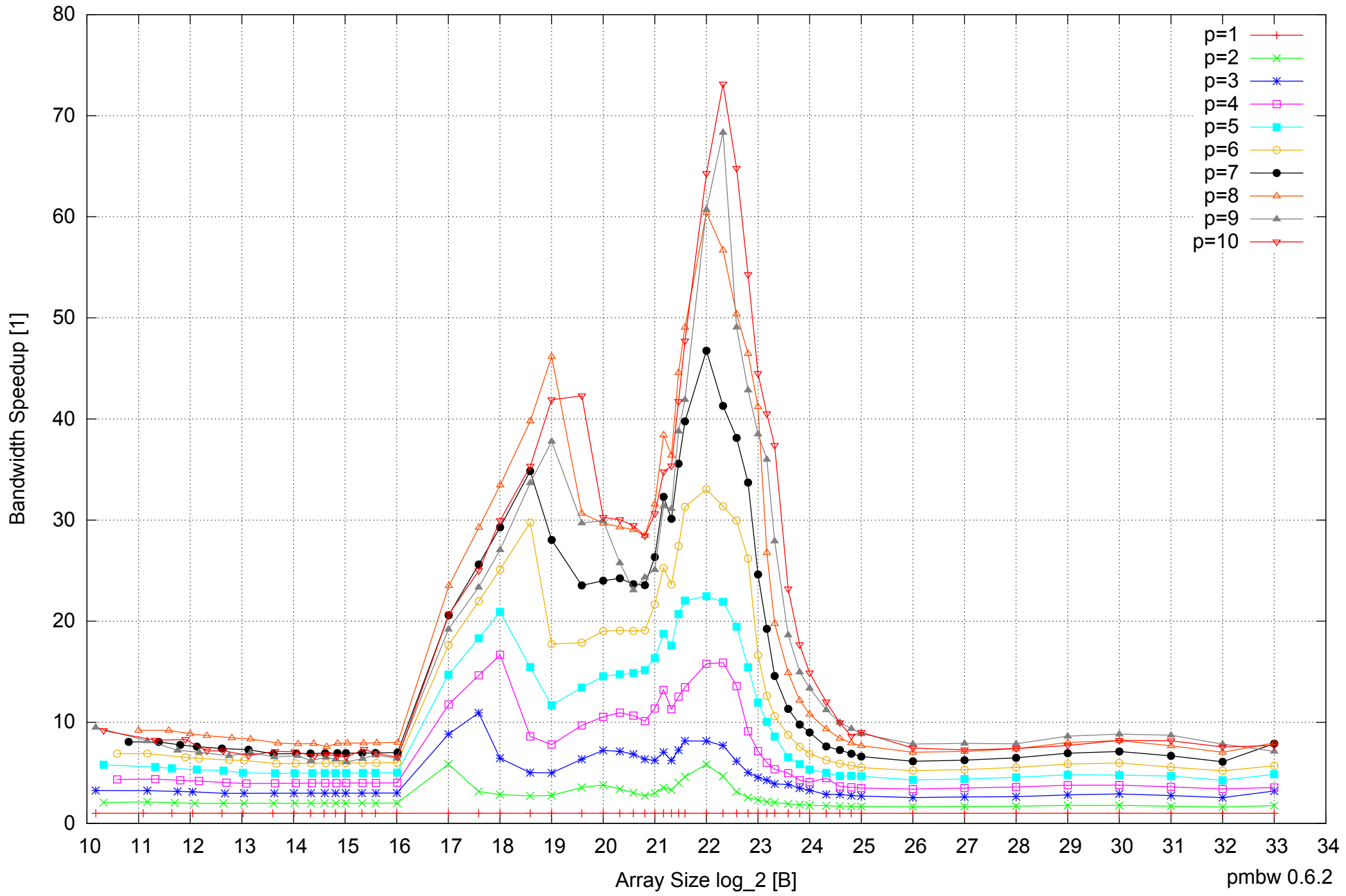




AMD Opteron 2350 16GB - Parallel Memory Access Time - PermRead64UnrollLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth - PermRead64UnrollLoop



AMD Opteron 2350 16GB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64UnrollLoop

