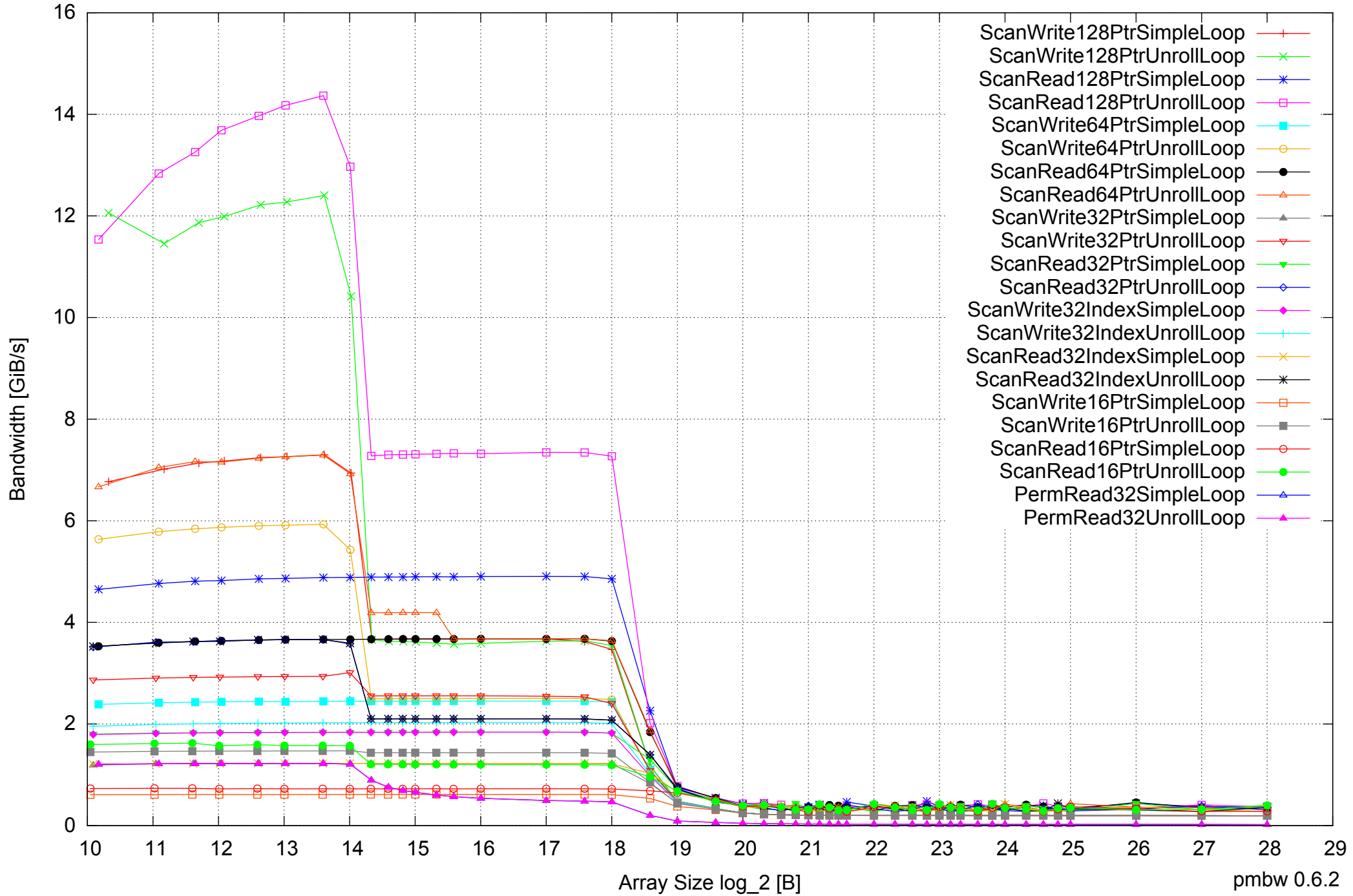
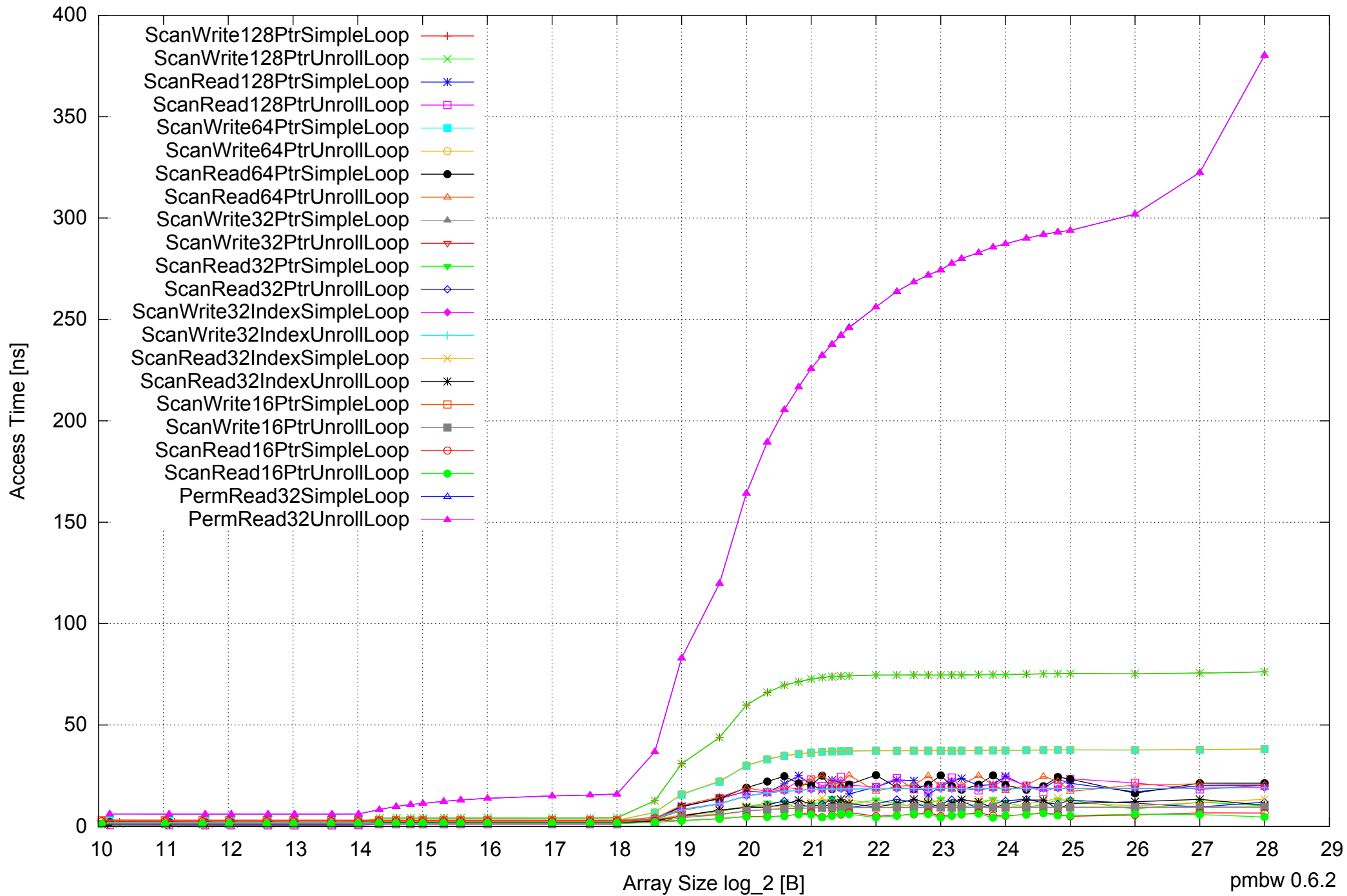


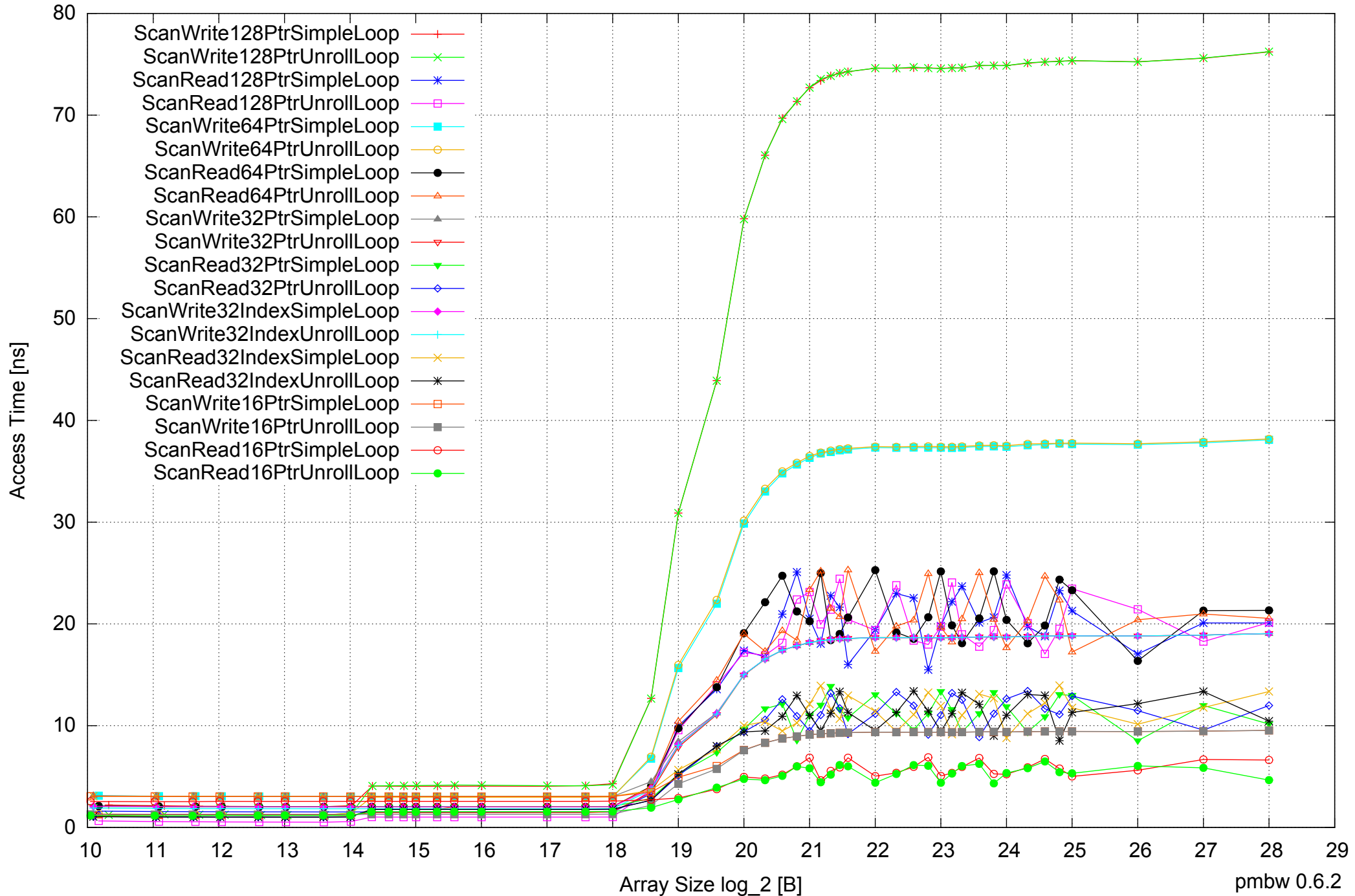
Intel Mobile Pentium III-M 512MB - One Thread Memory Bandwidth



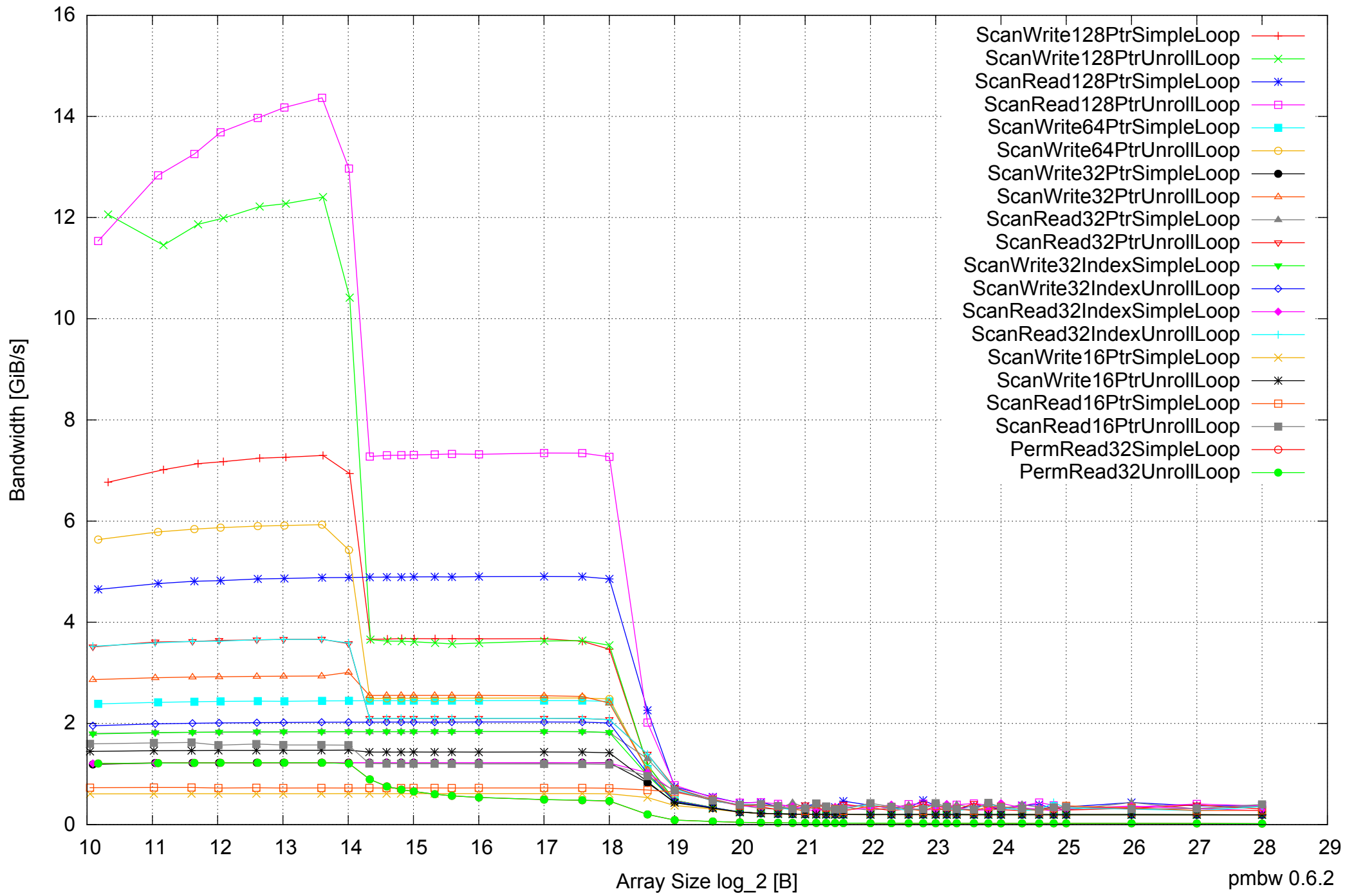
Intel Mobile Pentium III-M 512MB - One Thread Memory Latency (Access Time)



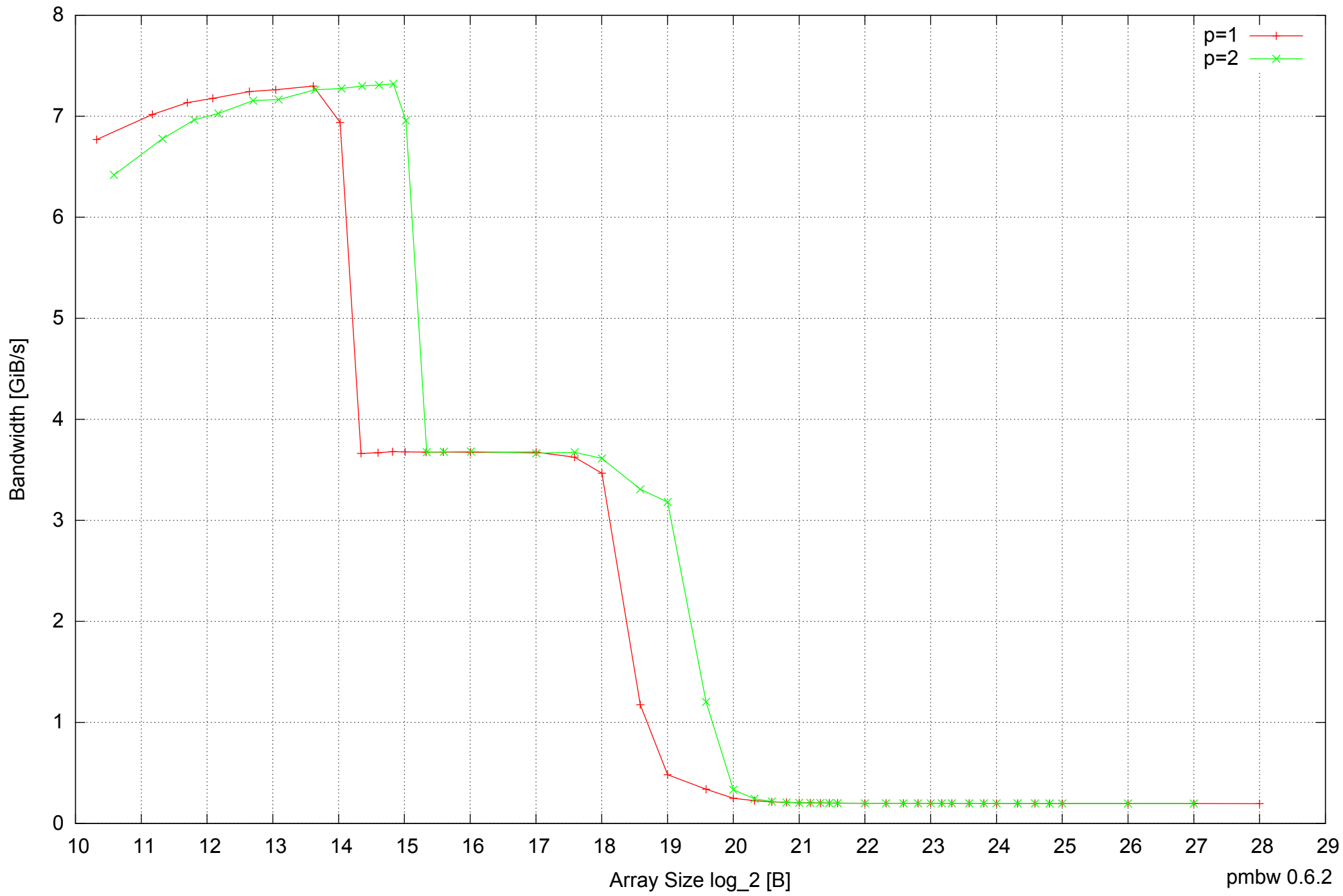
Intel Mobile Pentium III-M 512MB - One Thread Memory Latency (excluding Permutation)



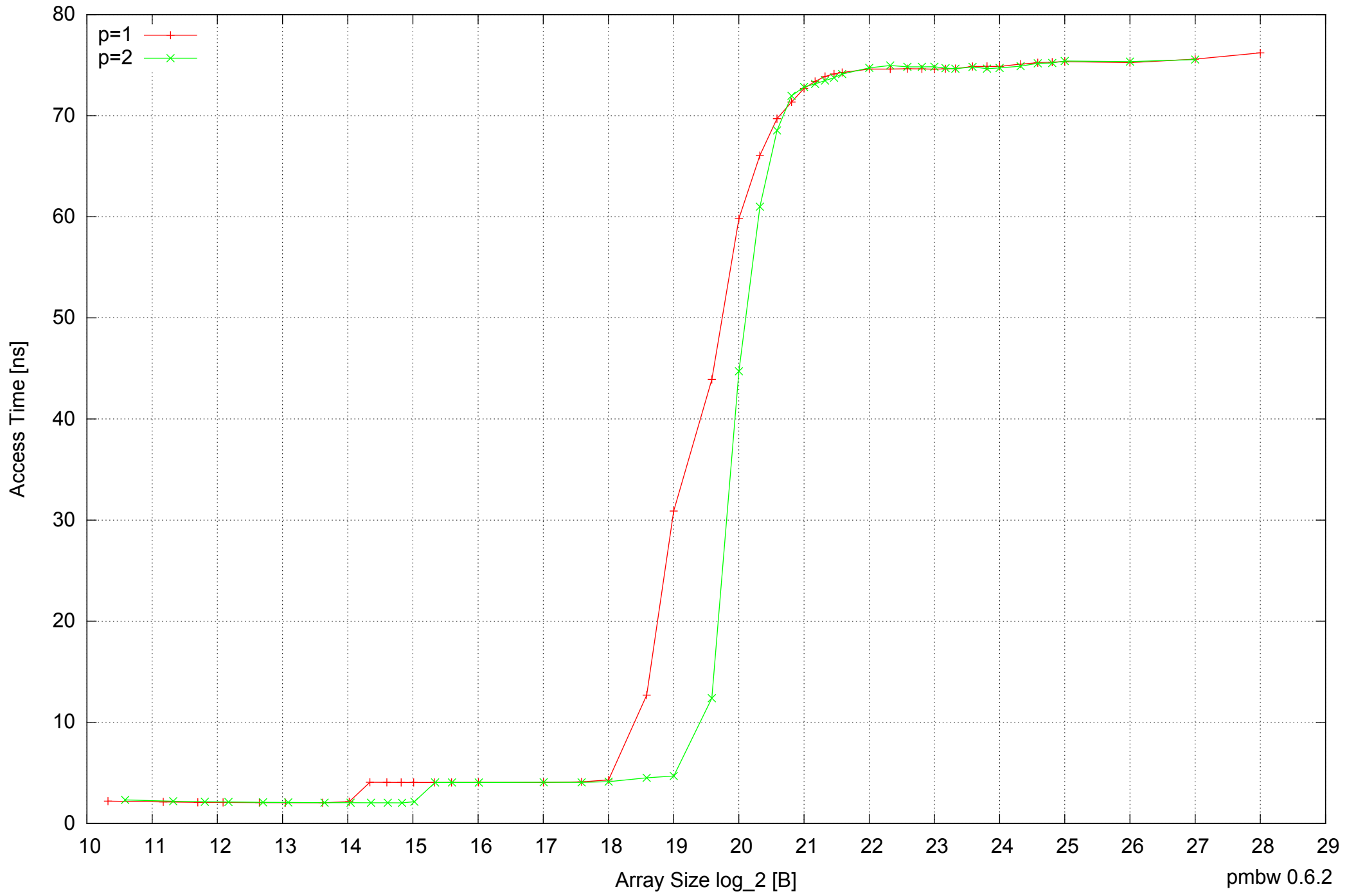
Intel Mobile Pentium III-M 512MB - One Thread Memory Bandwidth (only 64-bit Reads)



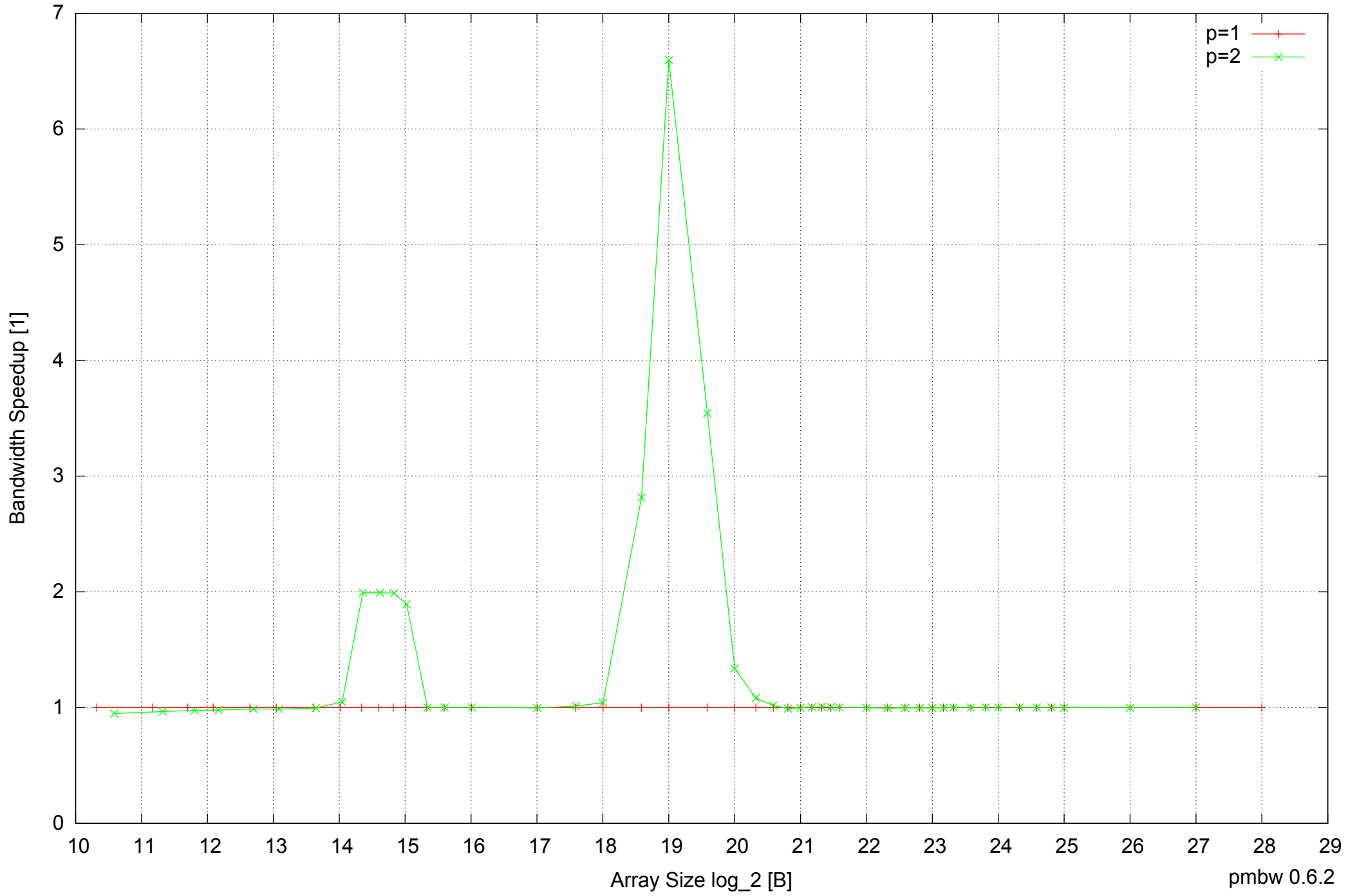
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite128PtrSimpleLoop



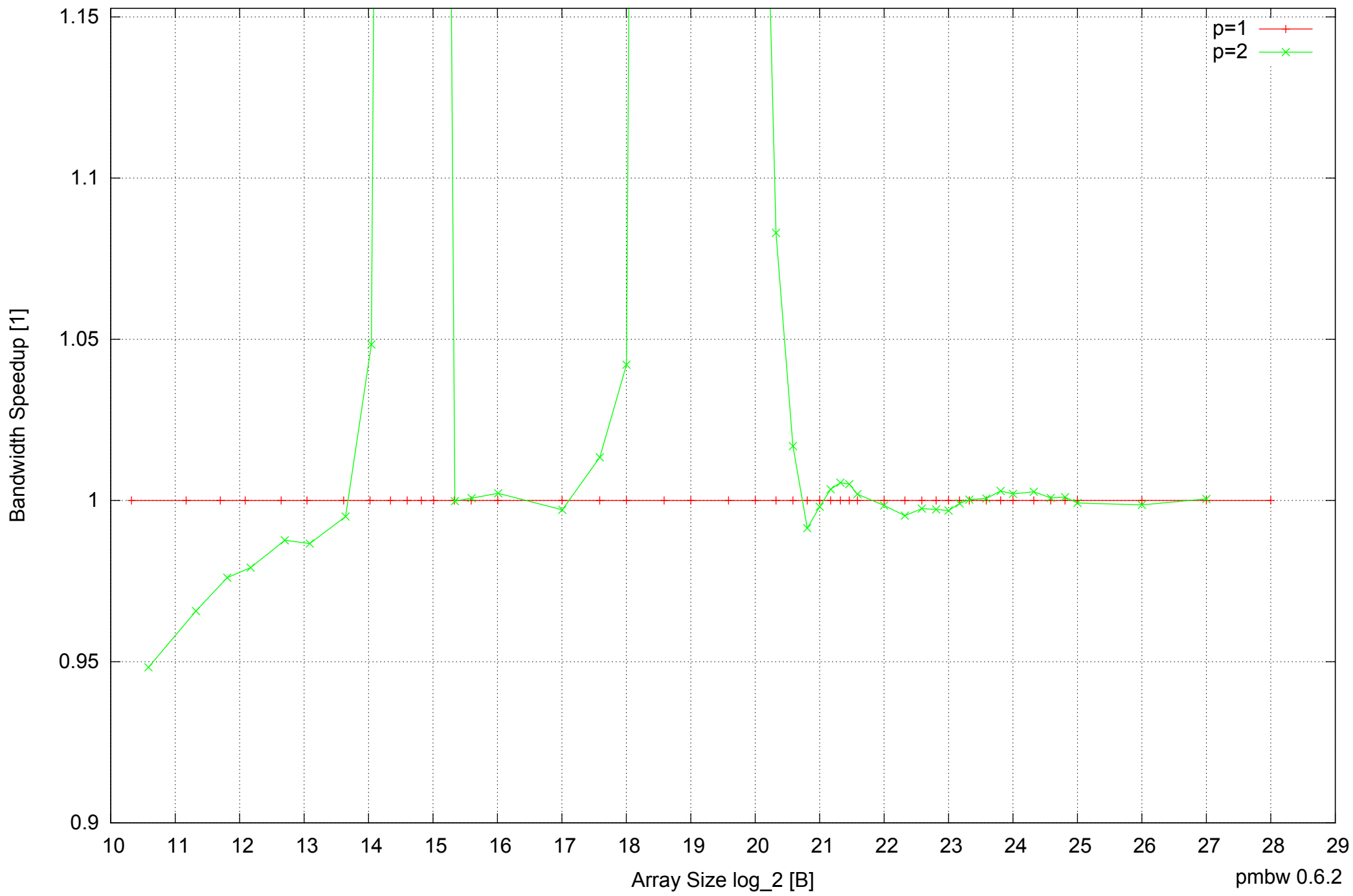
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite128PtrSimpleLoop



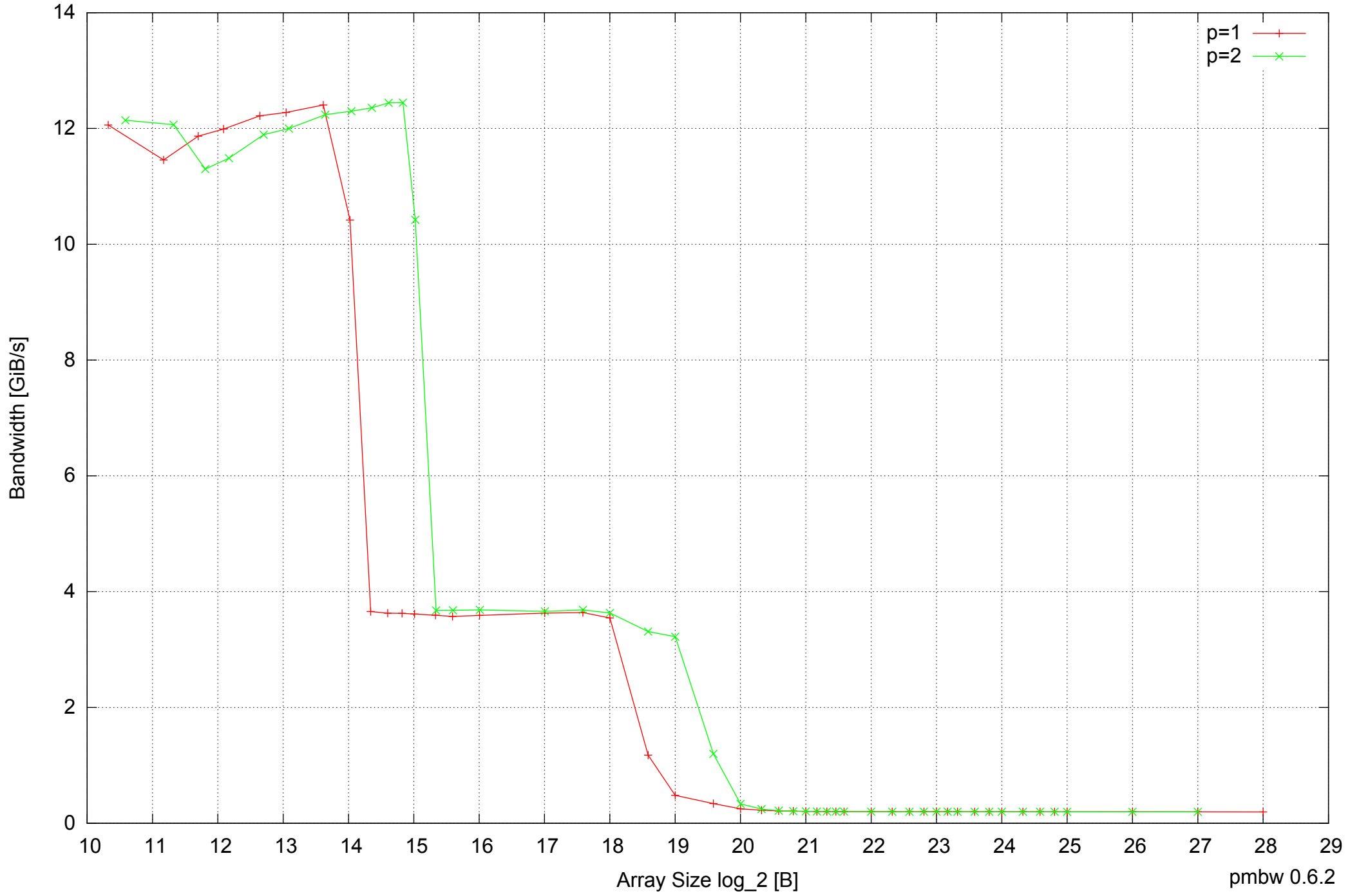
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite128PtrSimpleLoop



Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128PtrSimpleLoop



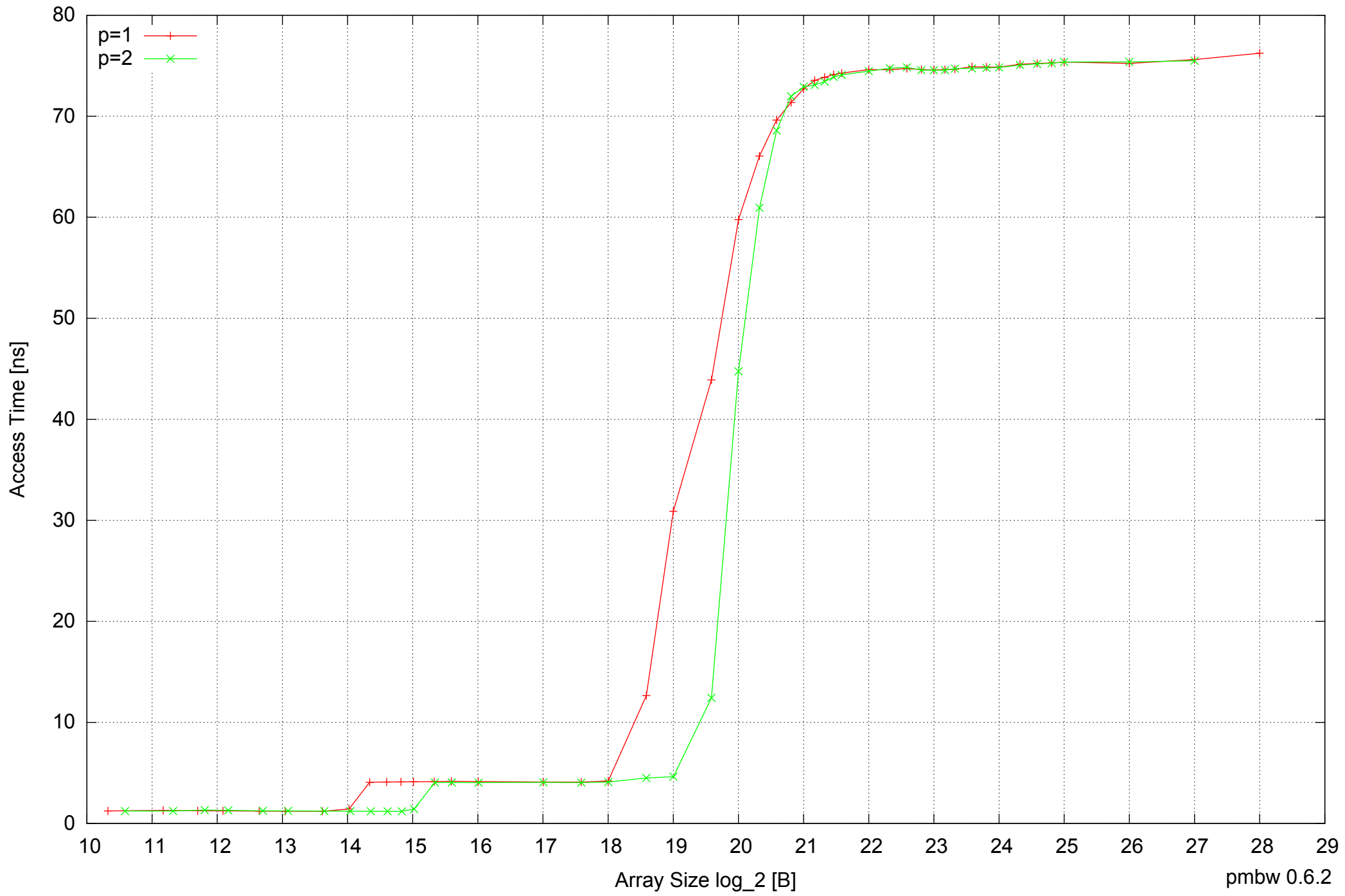
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite128PtrUnrollLoop



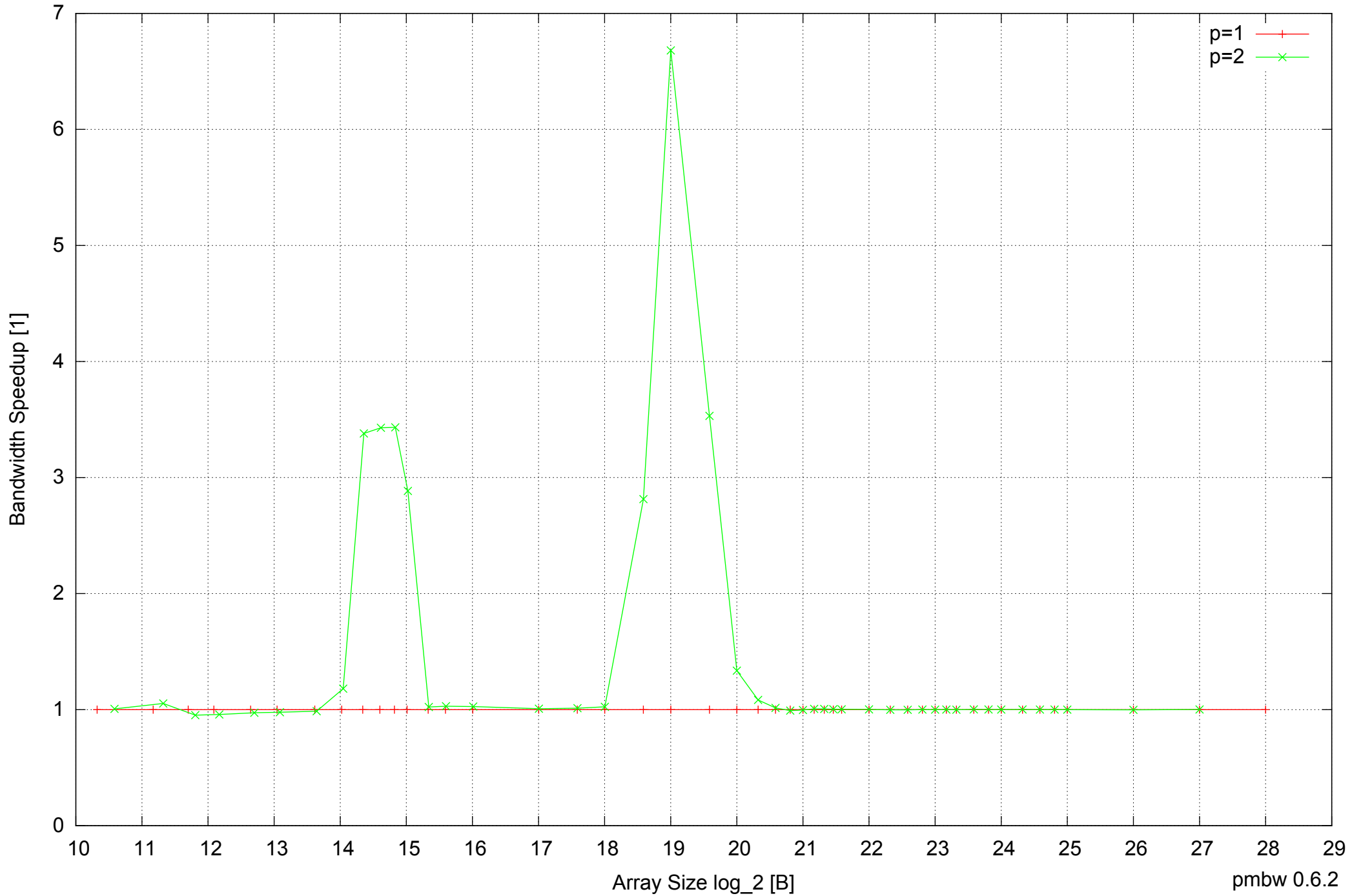
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p=2

Array Size log₂ [B] pmbw 0.6.2

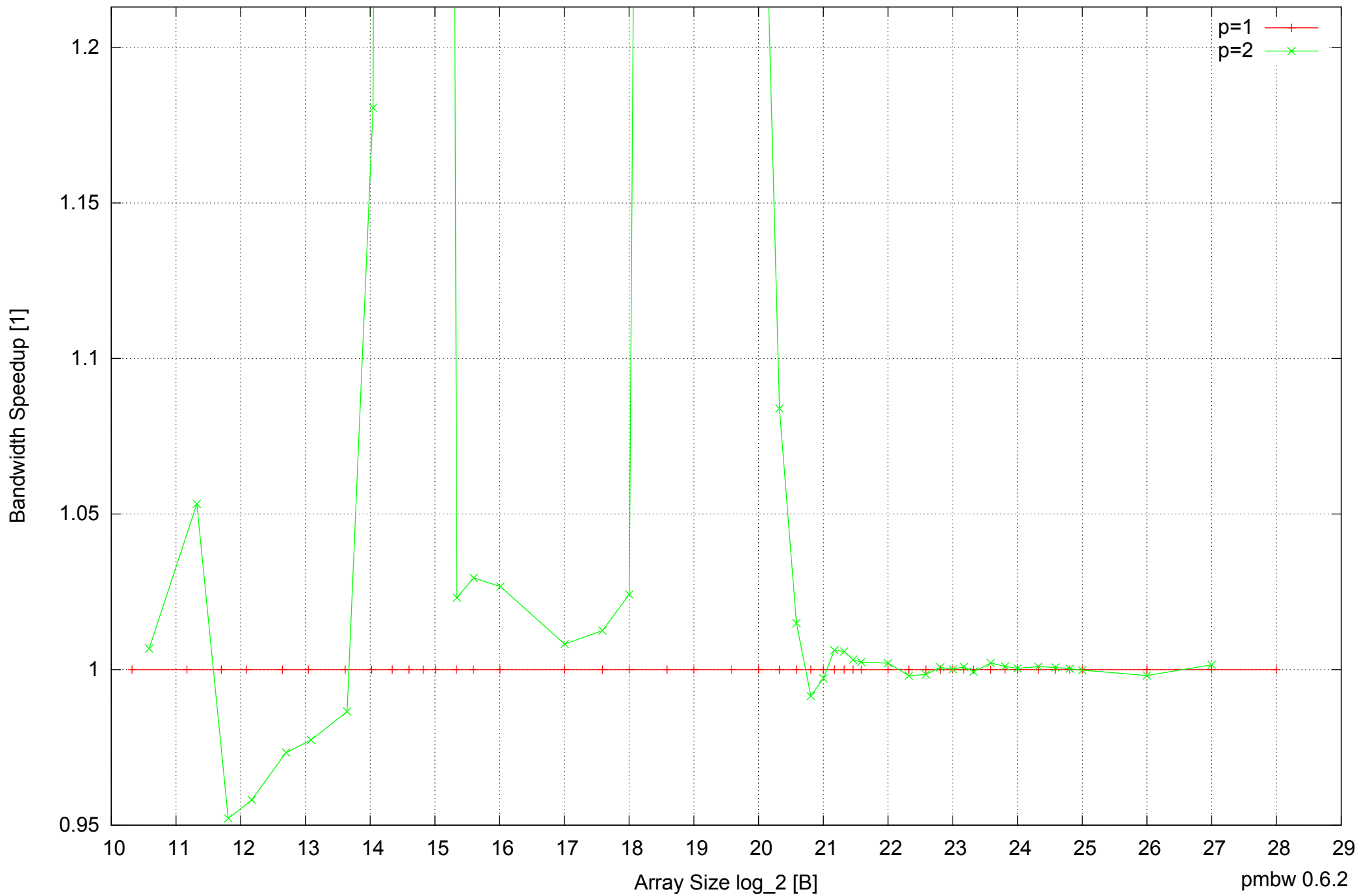
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite128PtrUnrollLoop



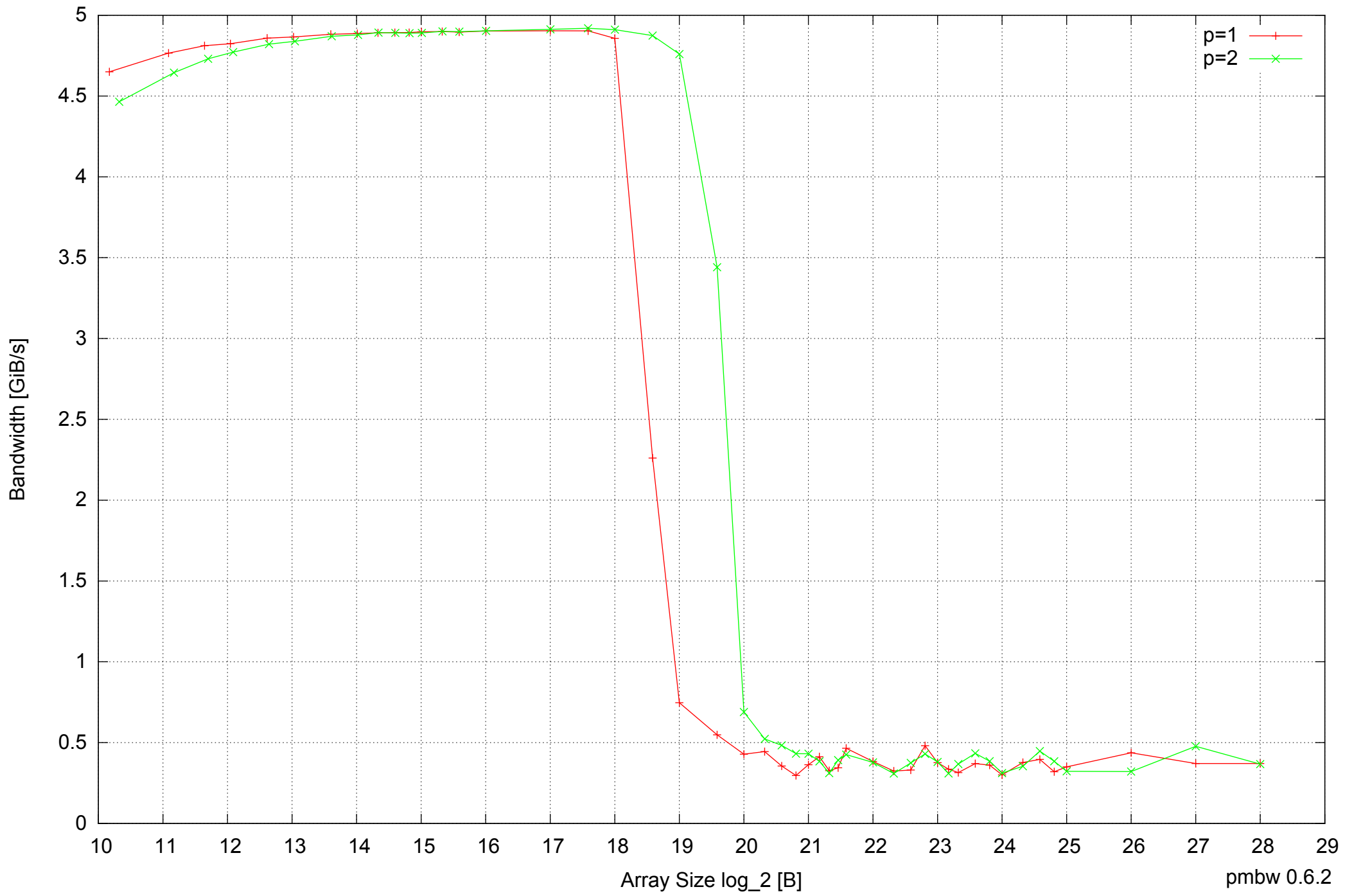
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite128PtrUnrollLoop



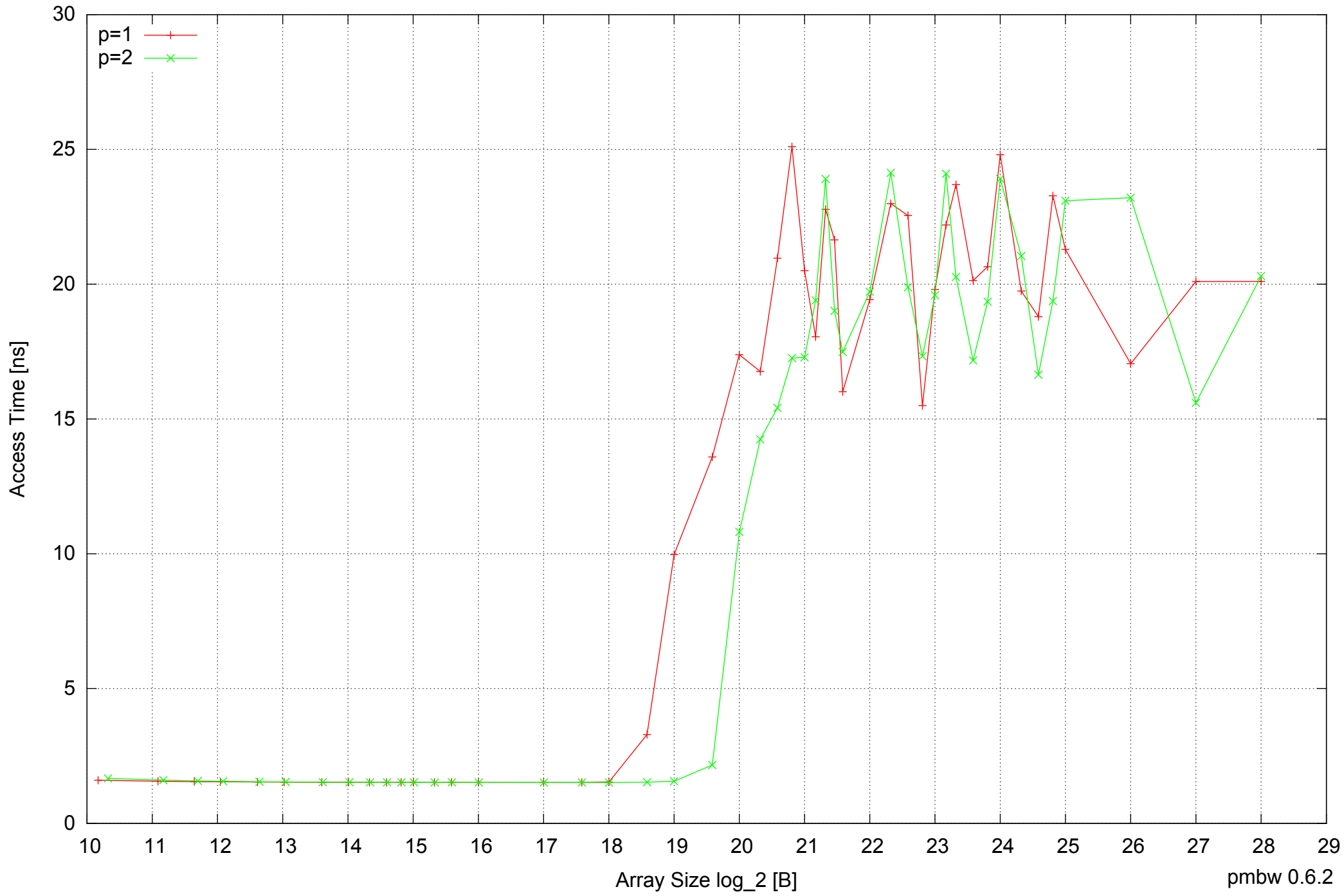
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite128PtrUnrollLoop



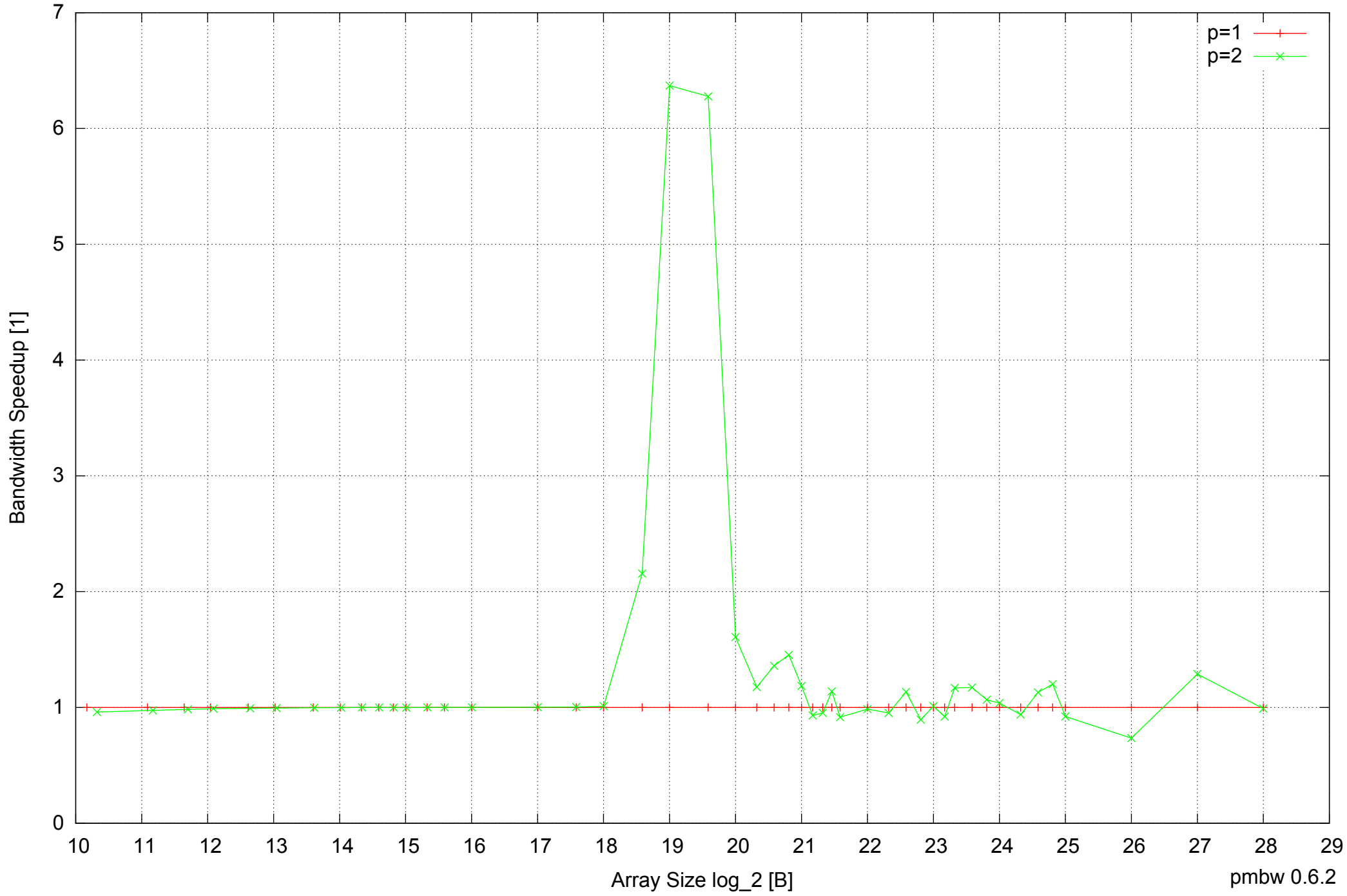
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead128PtrSimpleLoop



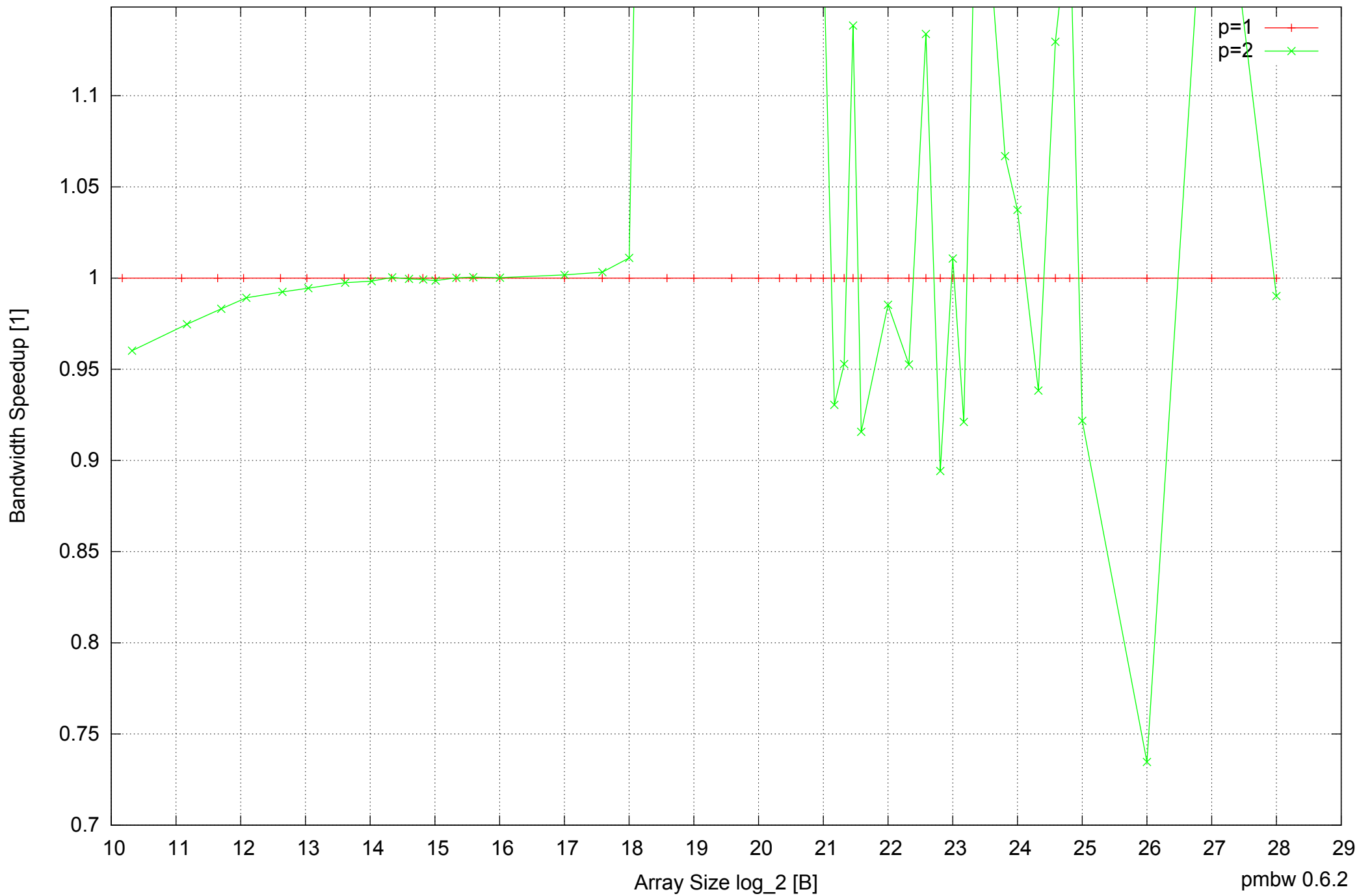
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead128PtrSimpleLoop



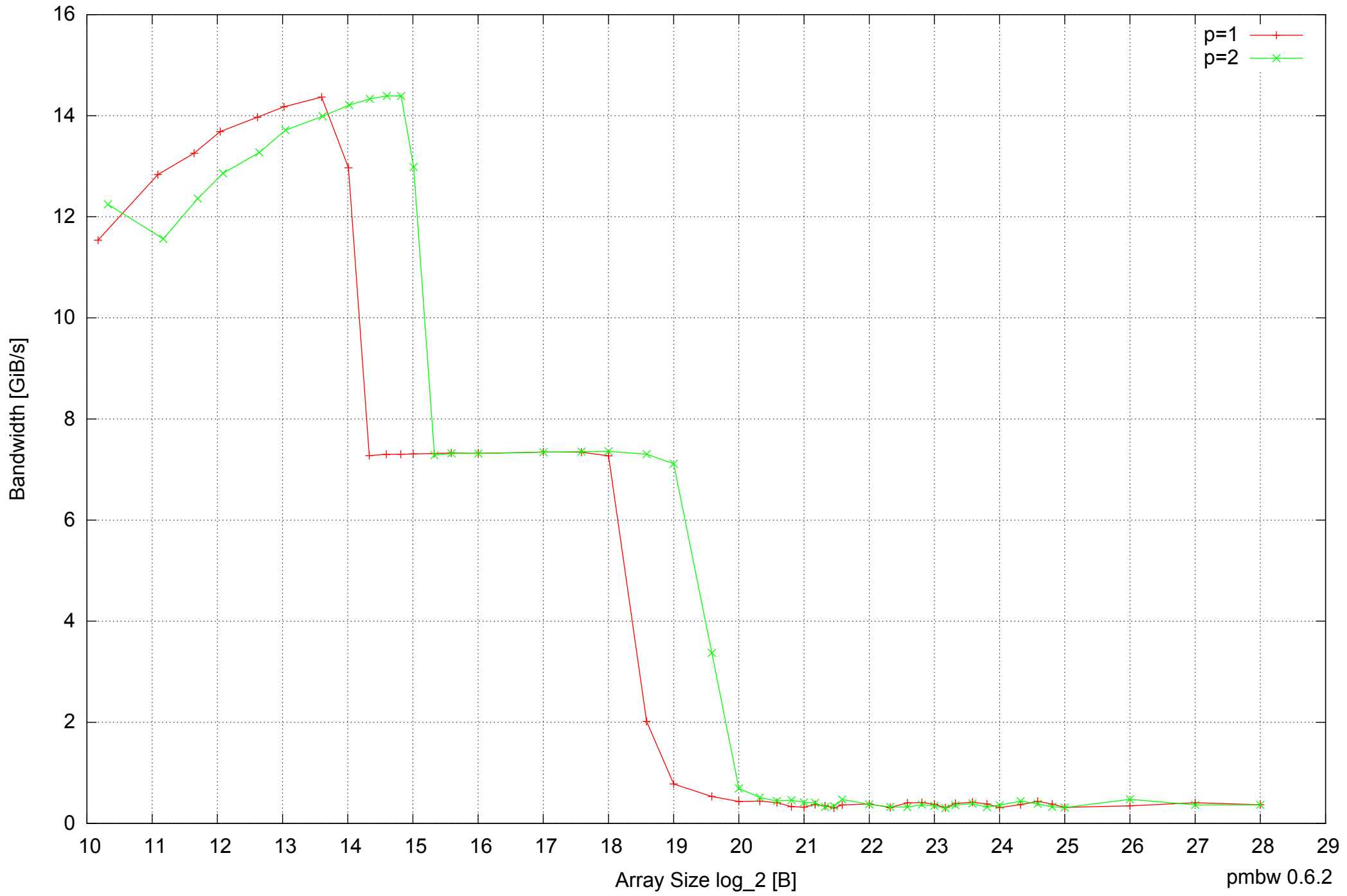
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead128PtrSimpleLoop



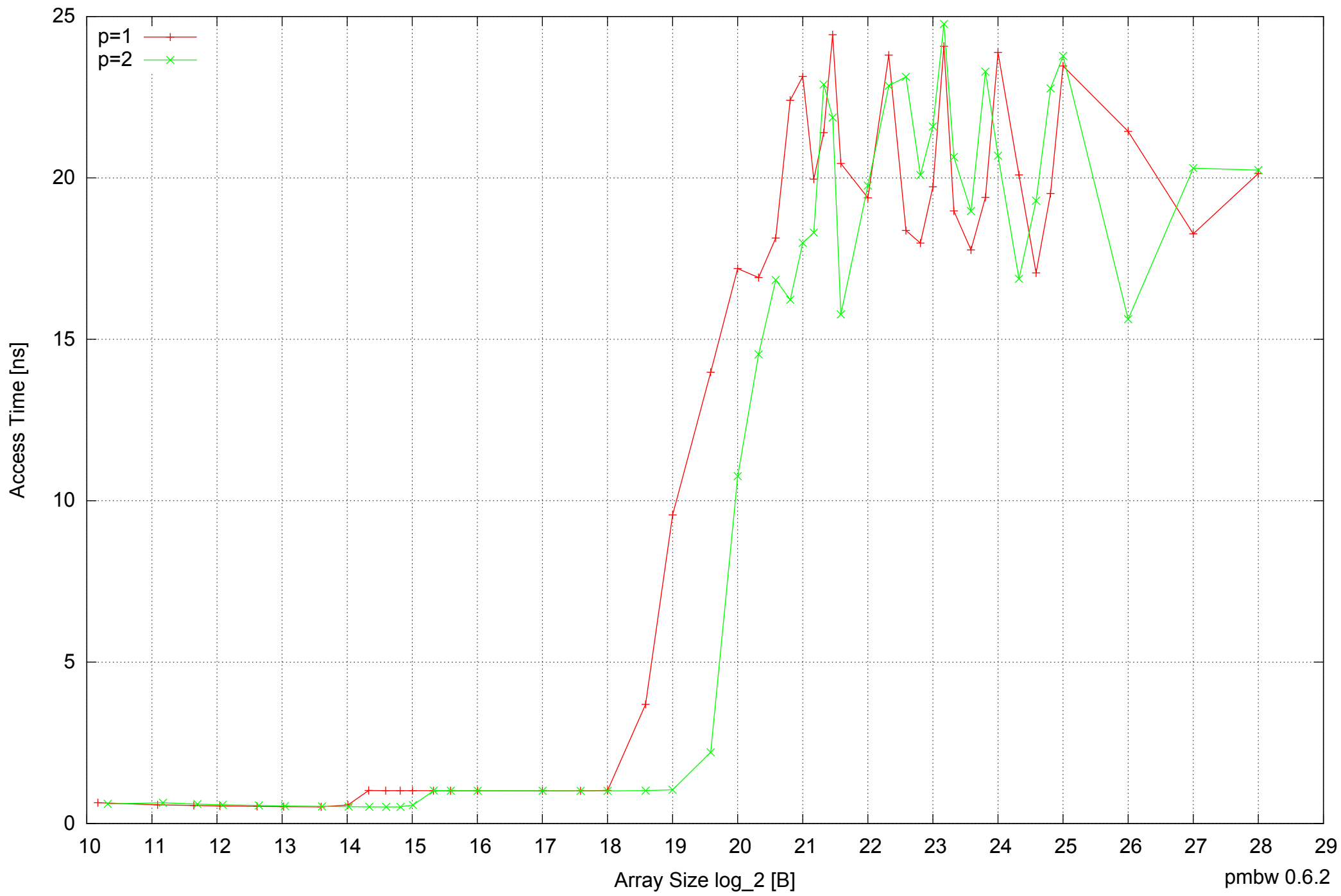
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128PtrSimpleLoop



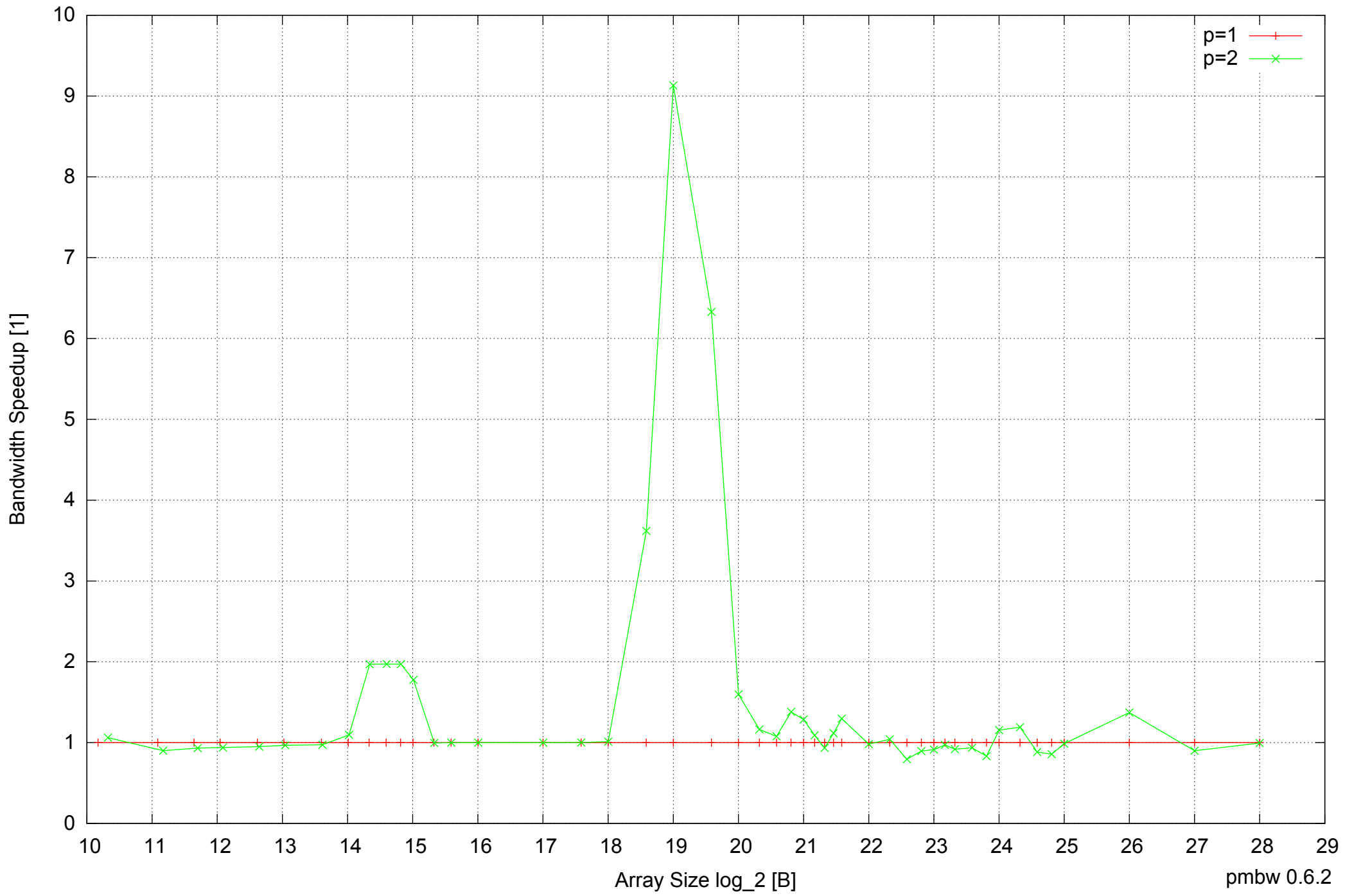
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead128PtrUnrollLoop



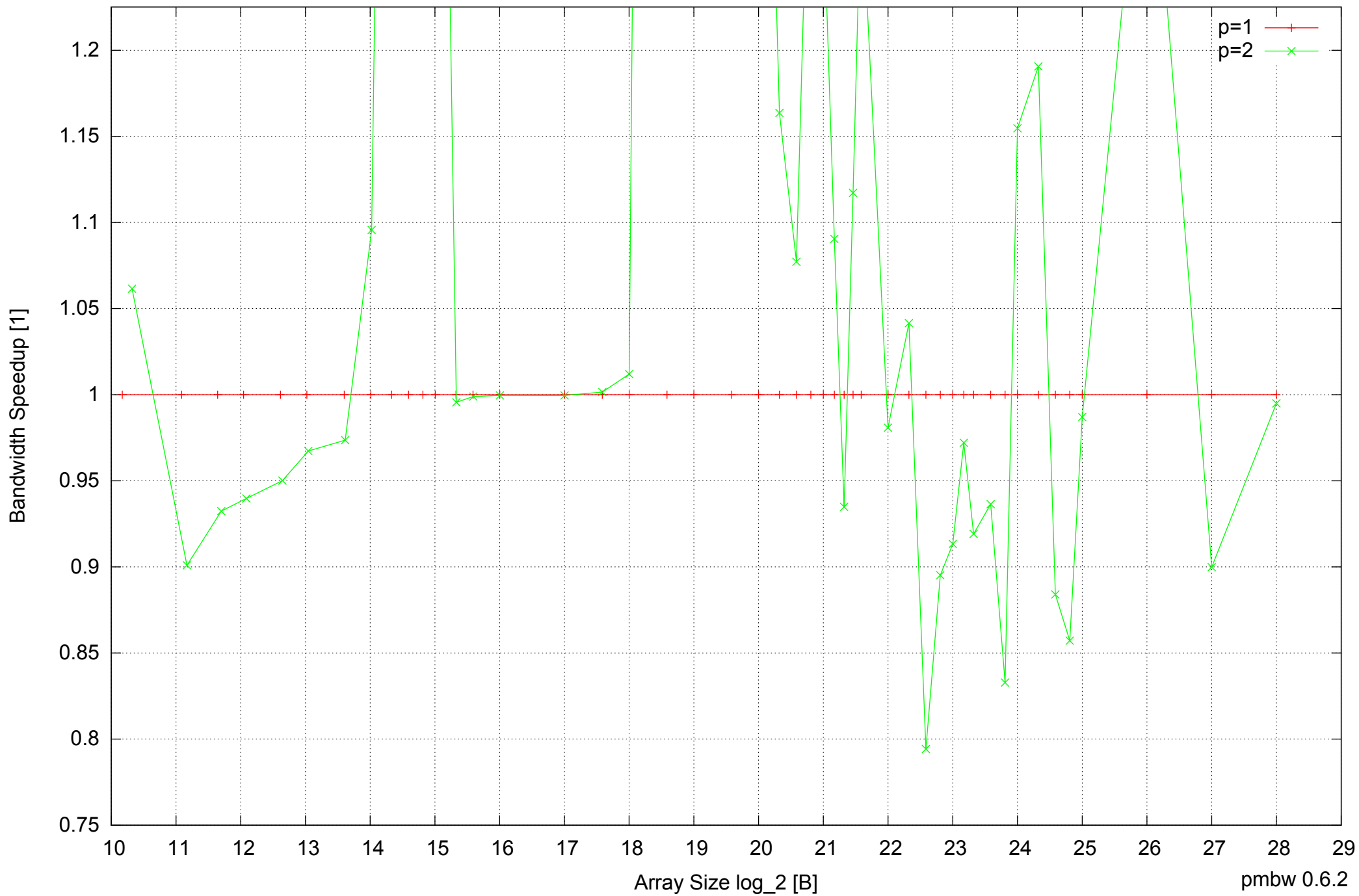
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead128PtrUnrollLoop



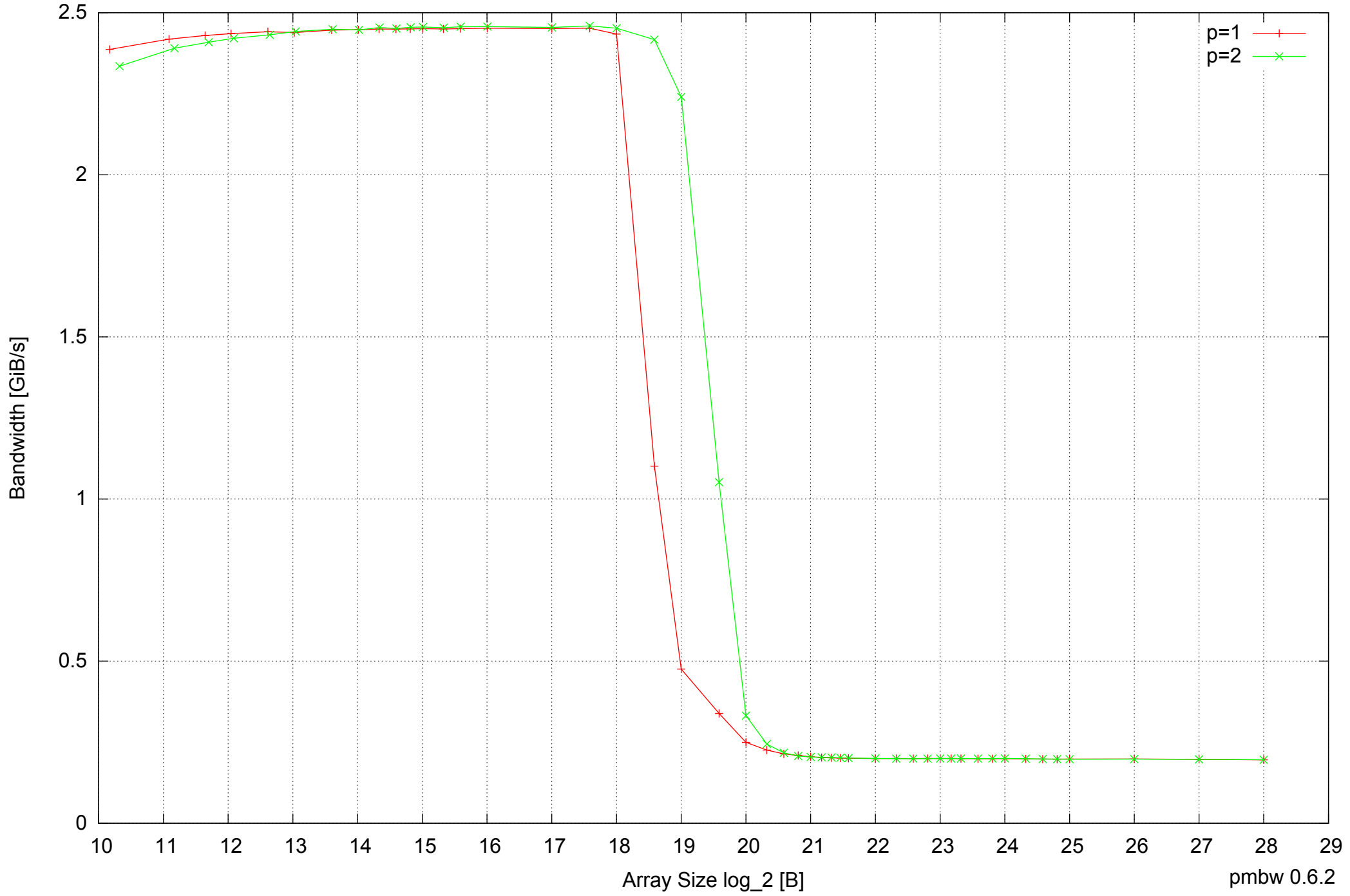
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead128PtrUnrollLoop



Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead128PtrUnrollLoop



Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop

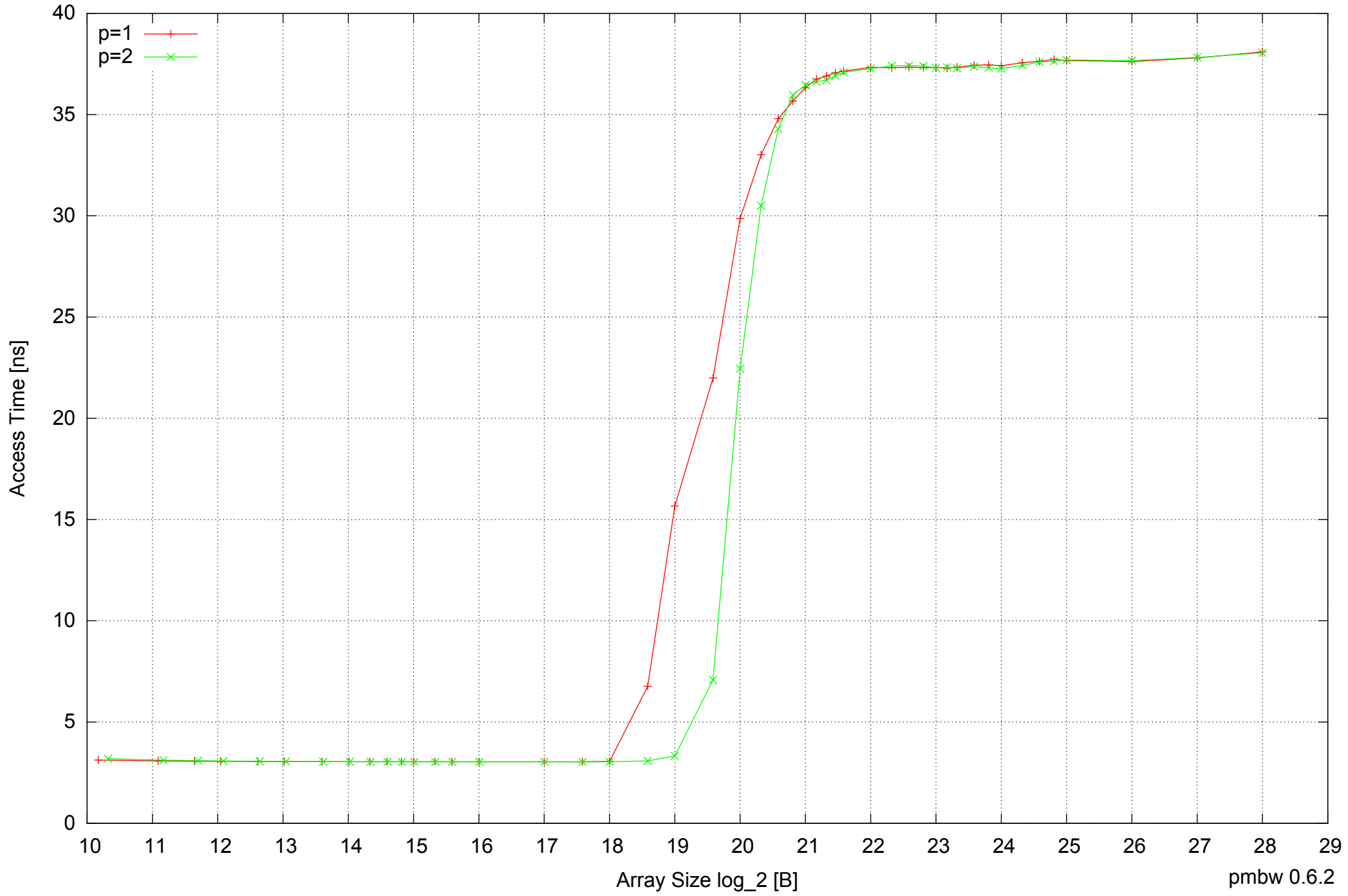


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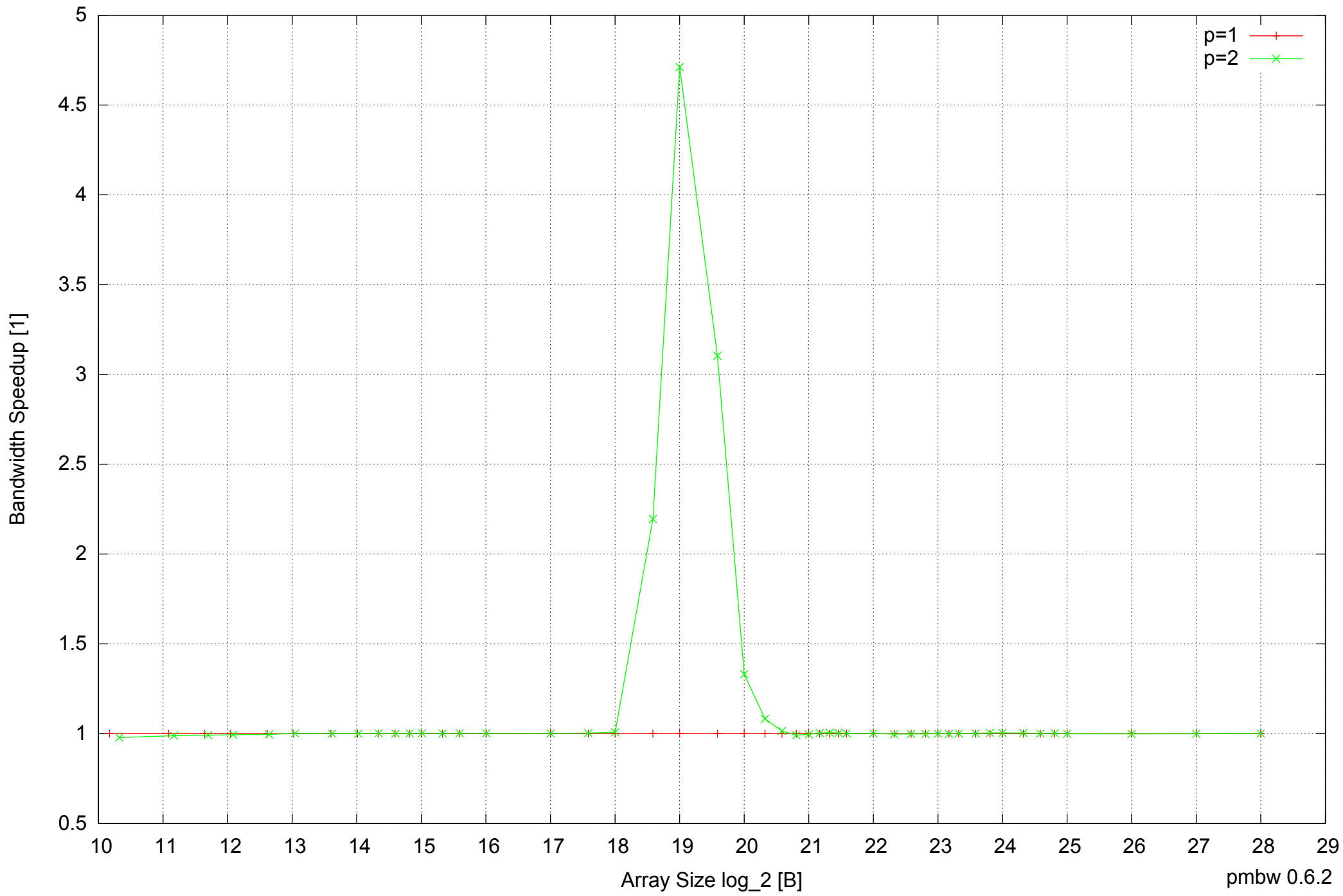
Array Size log₂ [B]

pmbw 0.6.2

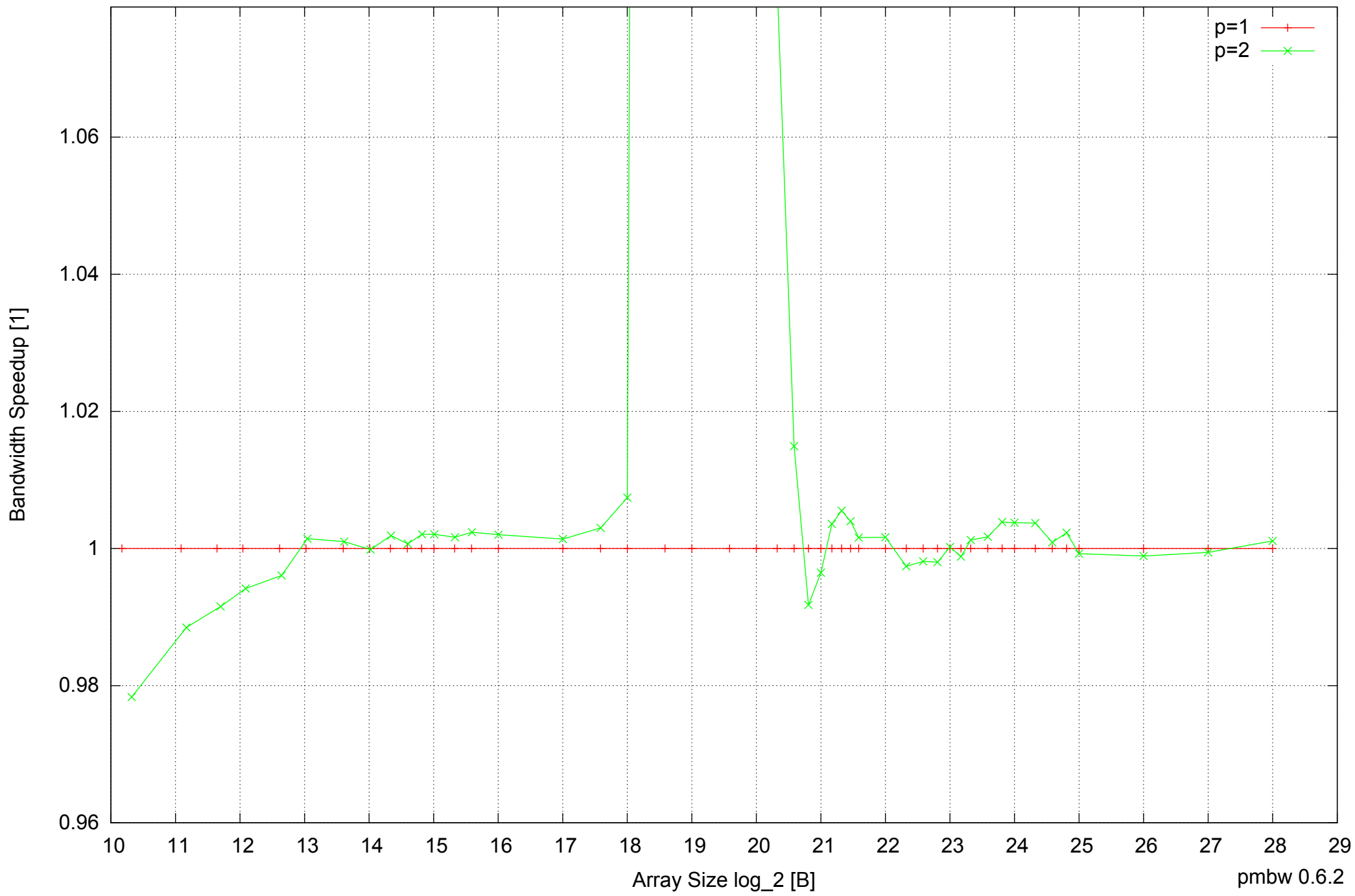
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite64PtrSimpleLoop



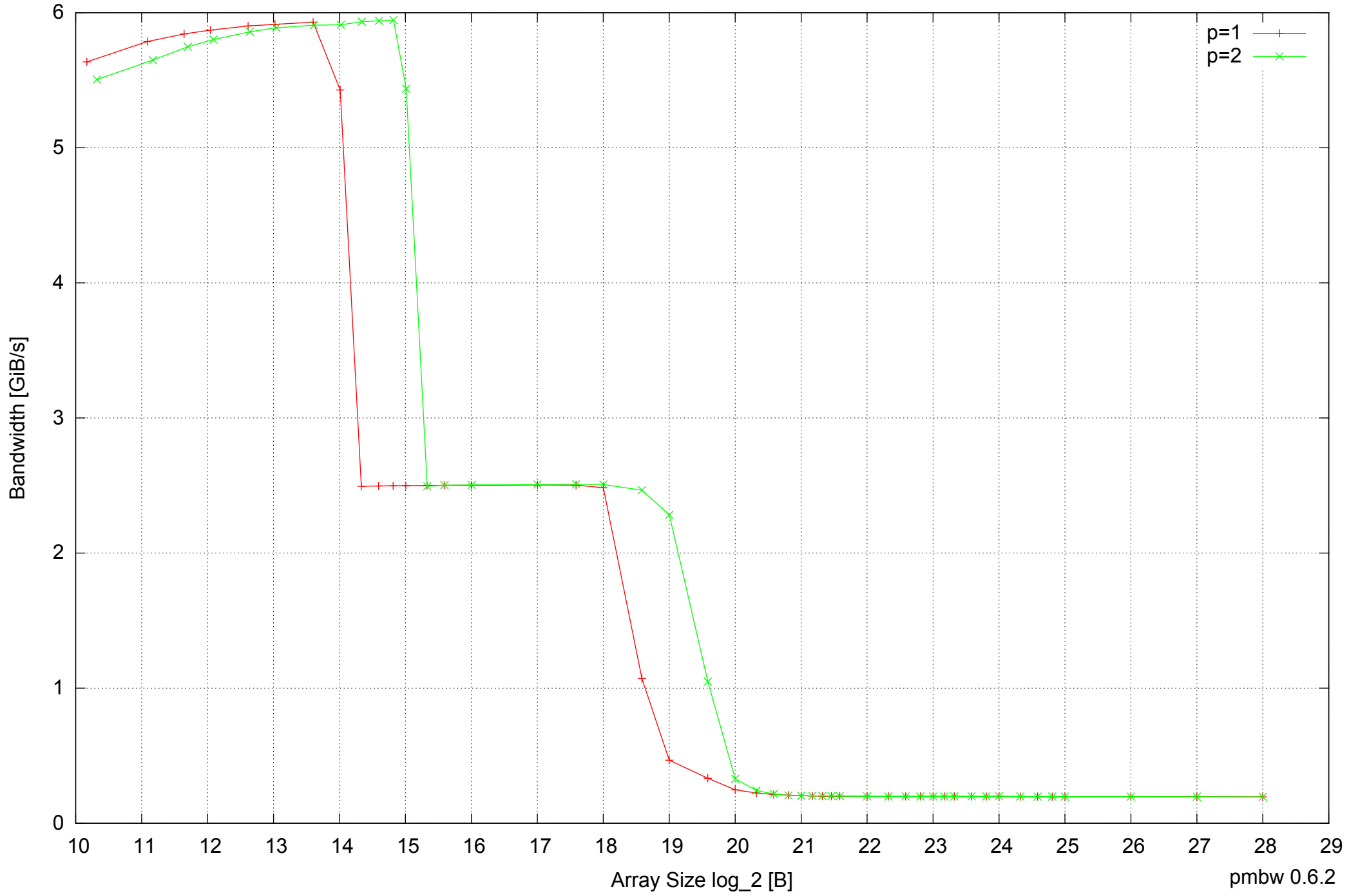
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop



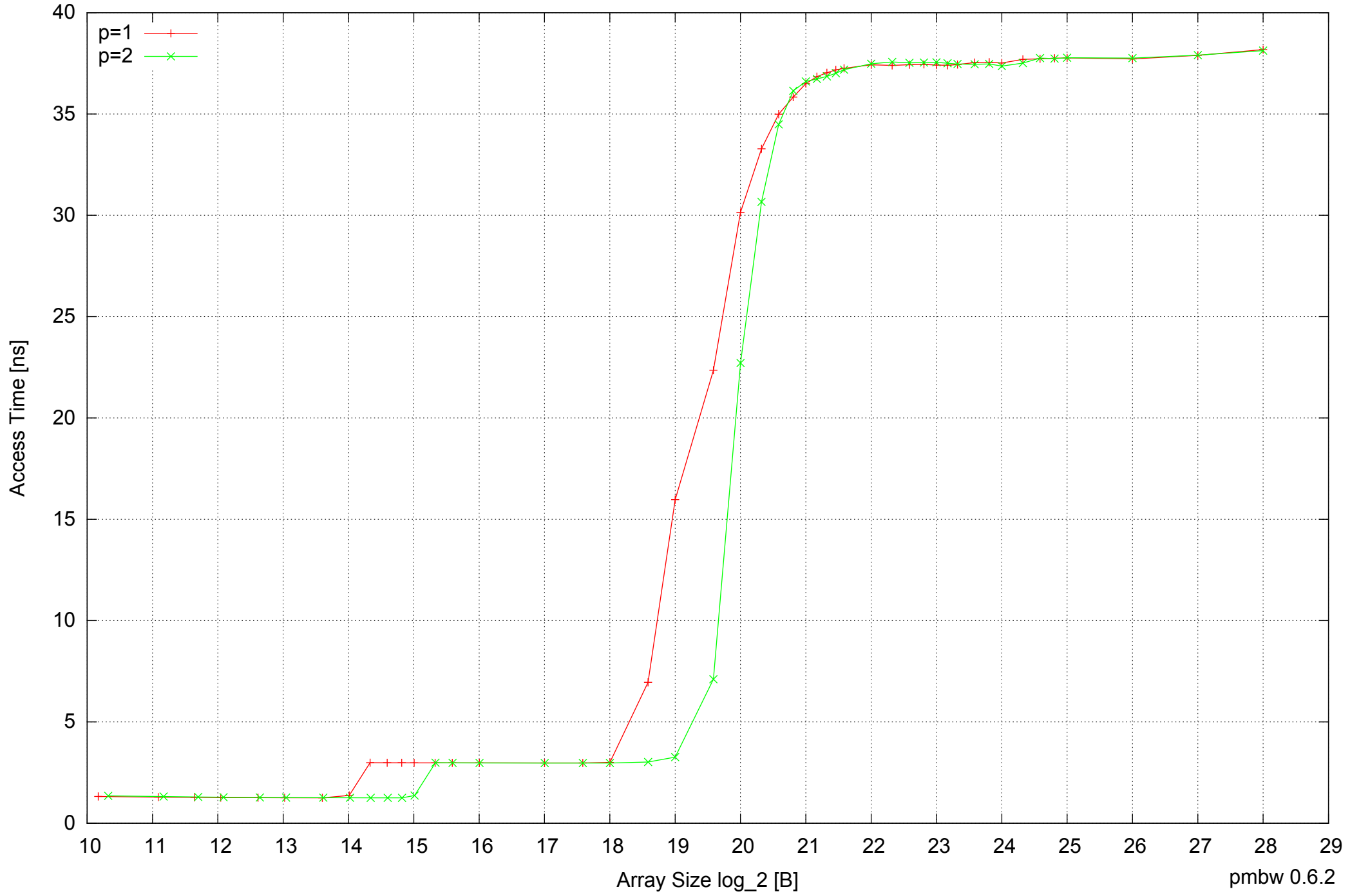
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrSimpleLoop



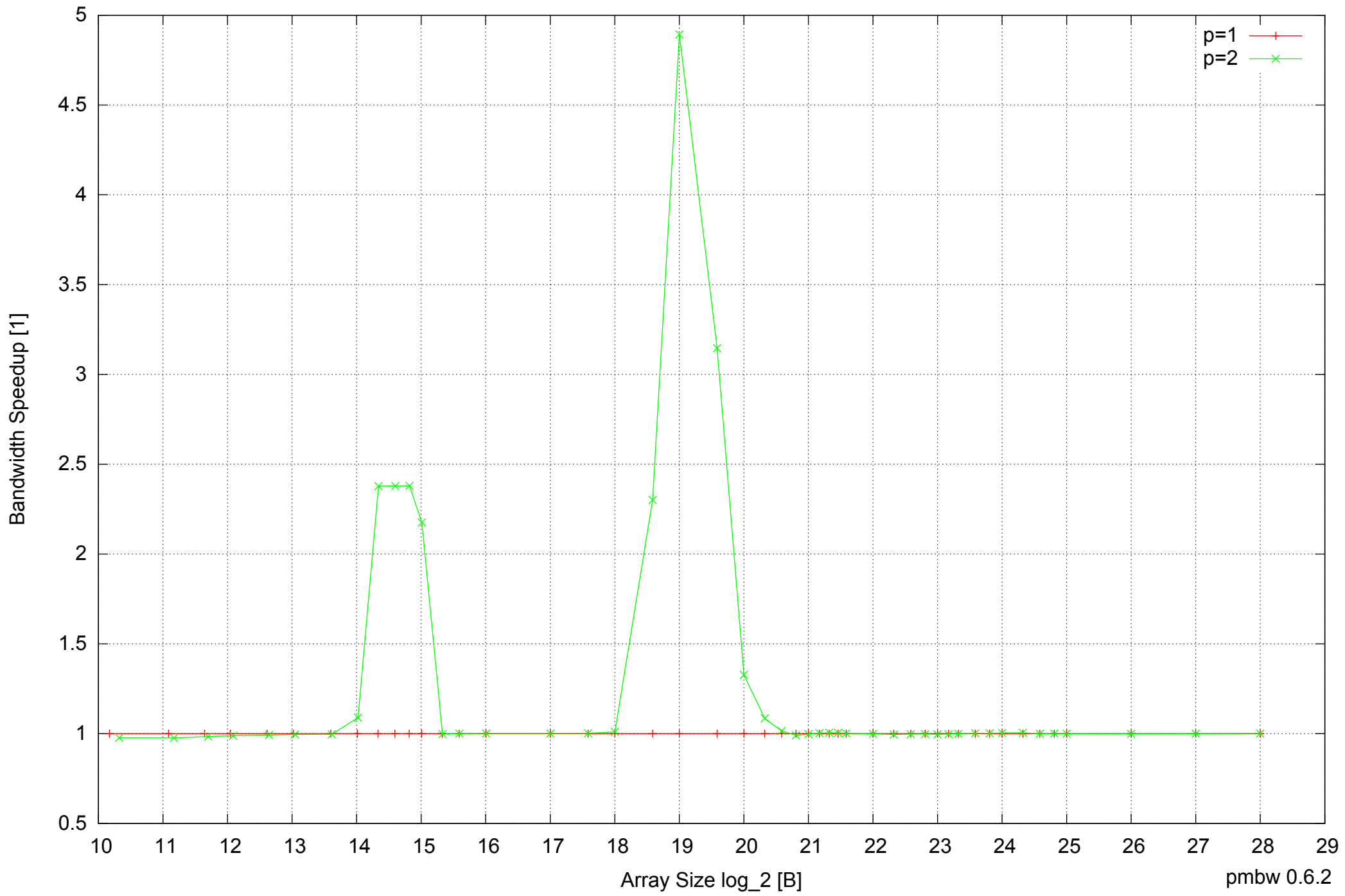
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop



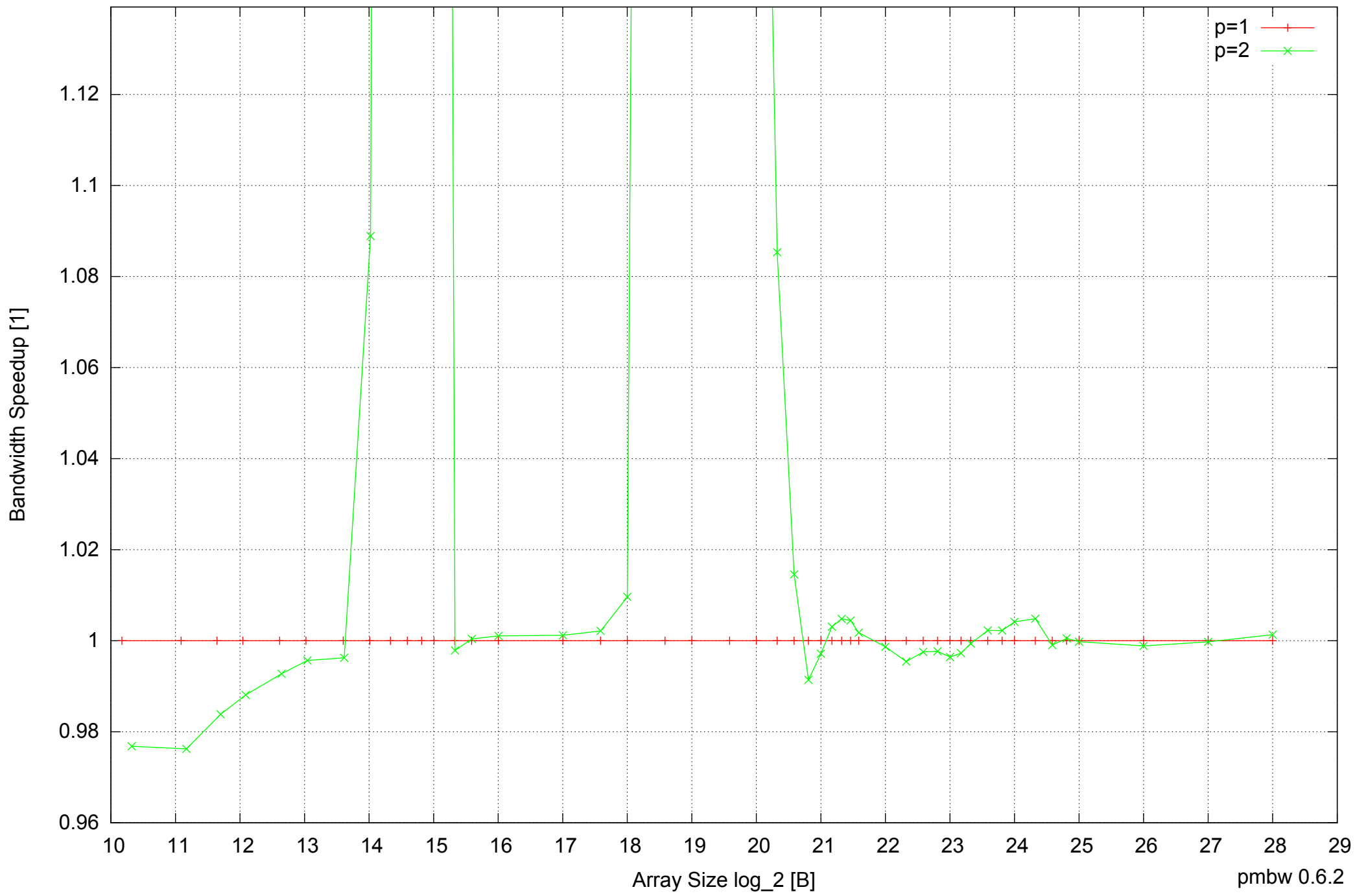
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite64PtrUnrollLoop



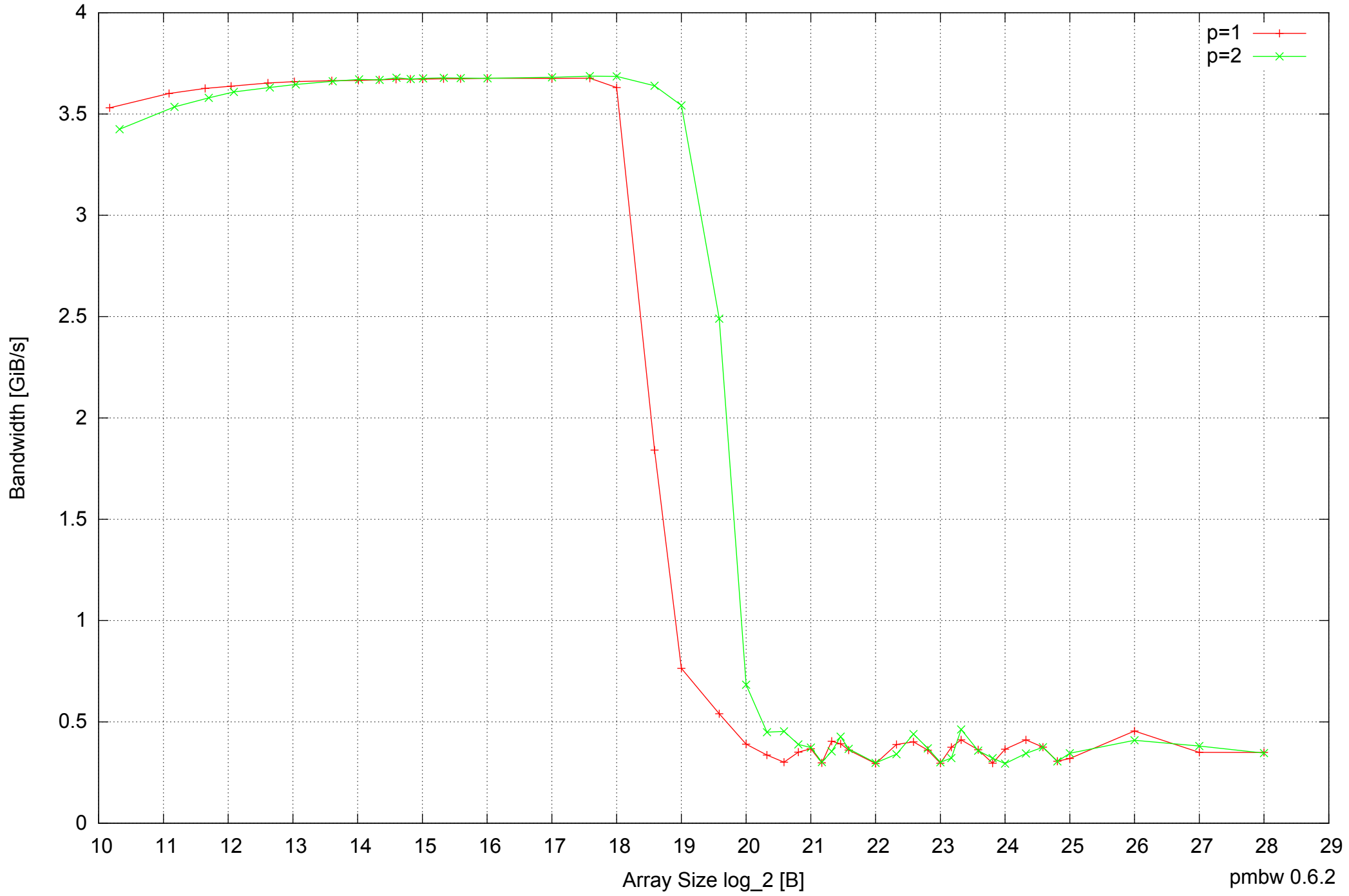
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop



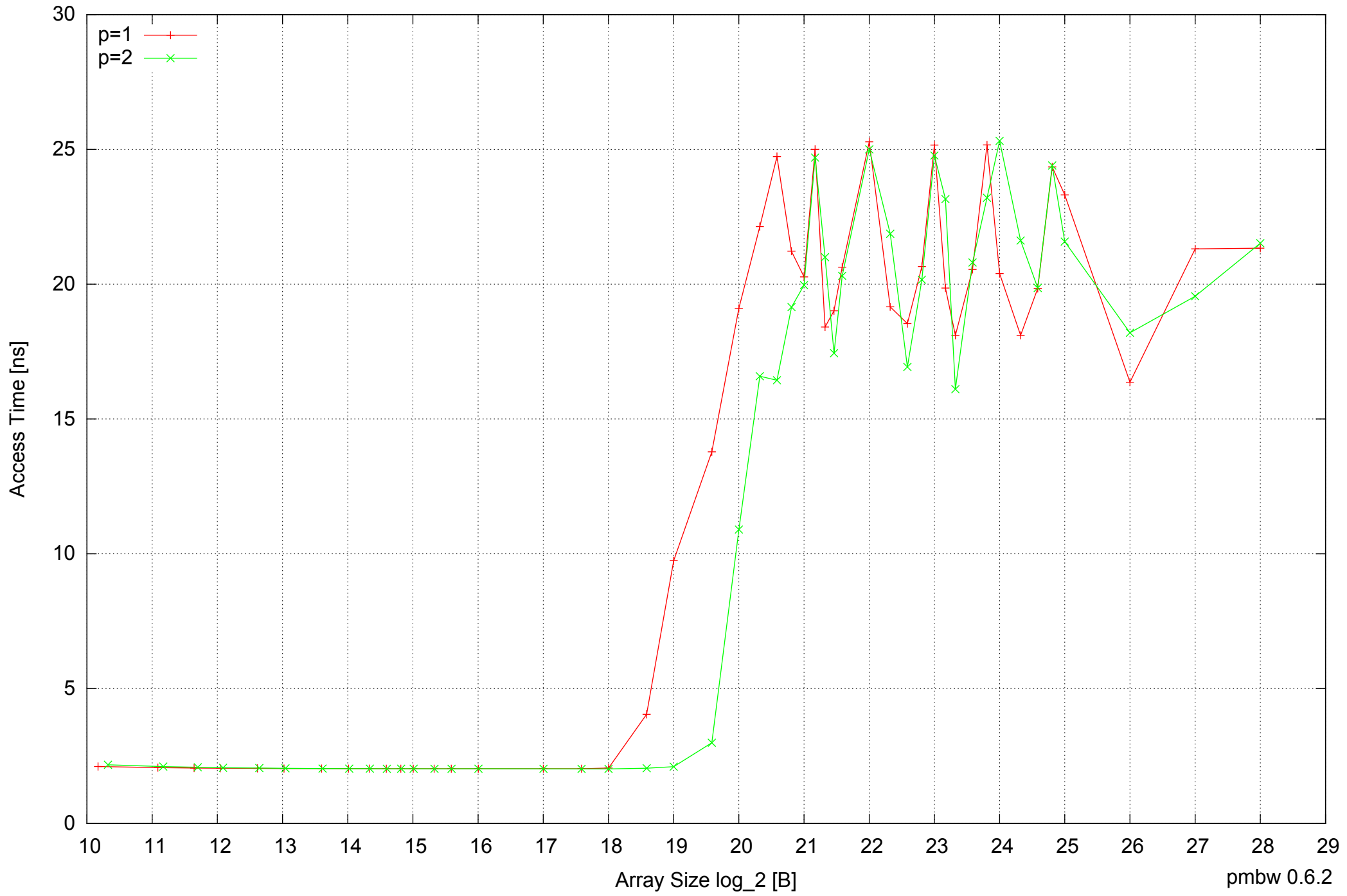
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrUnrollLoop



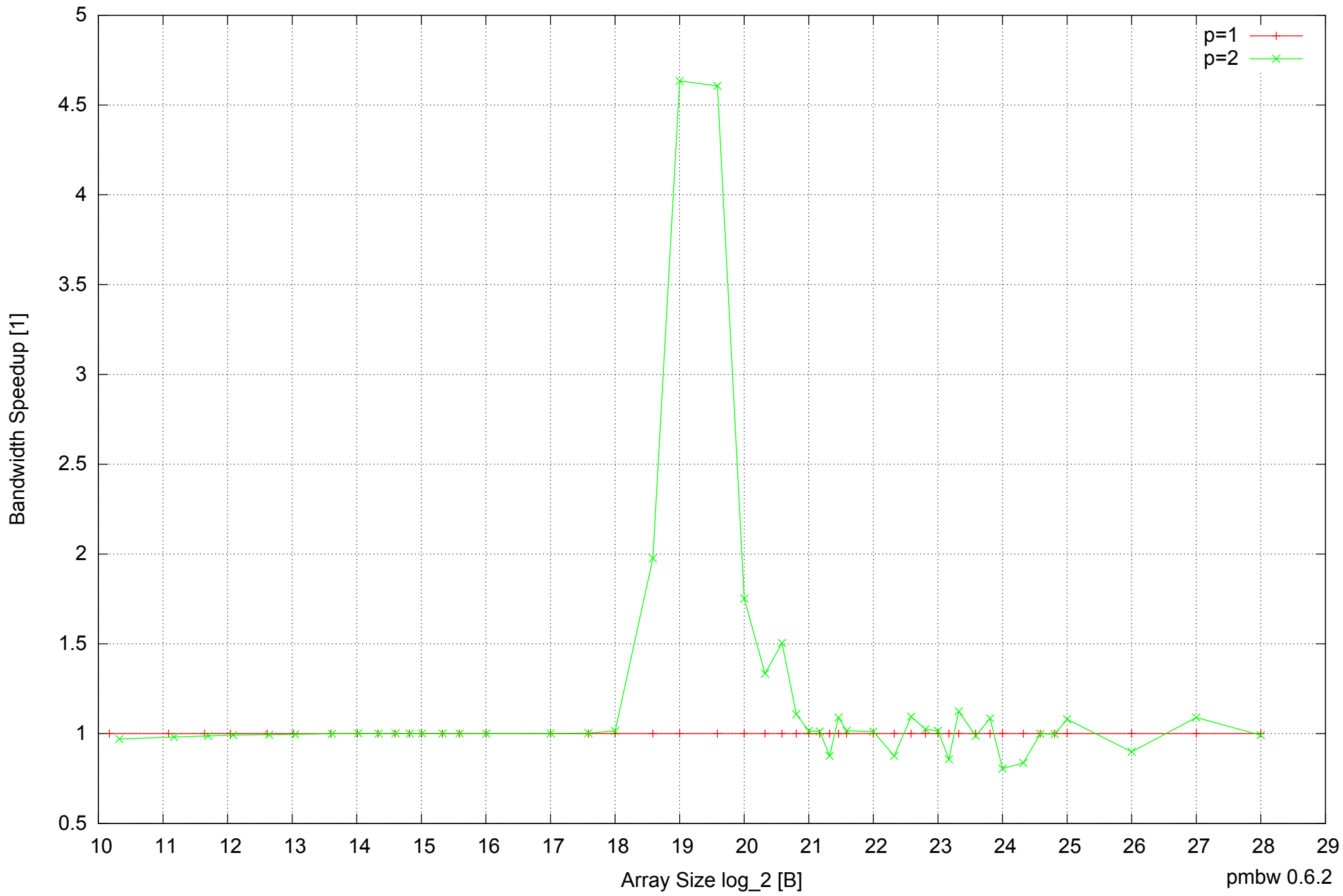
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop



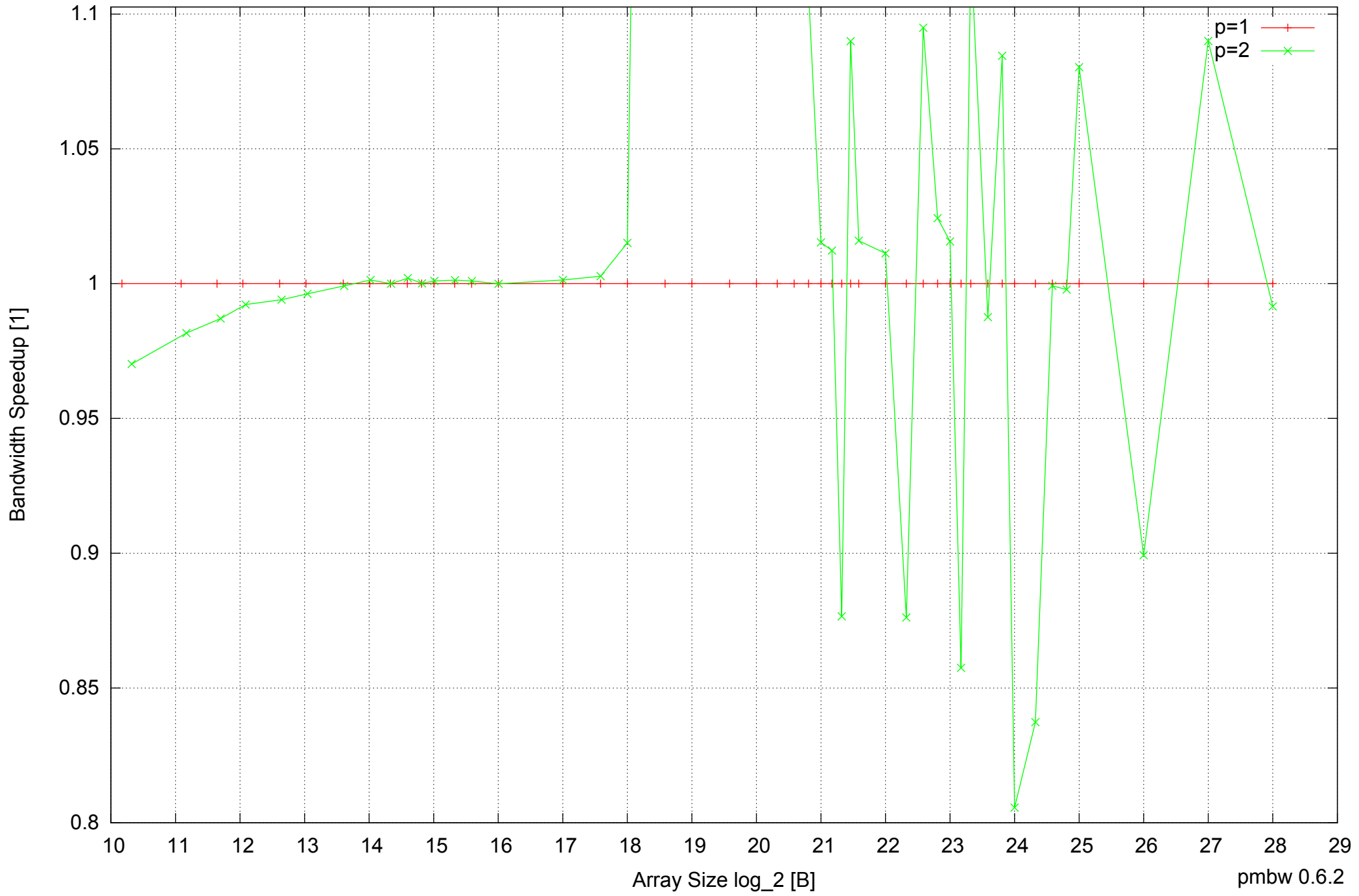
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead64PtrSimpleLoop



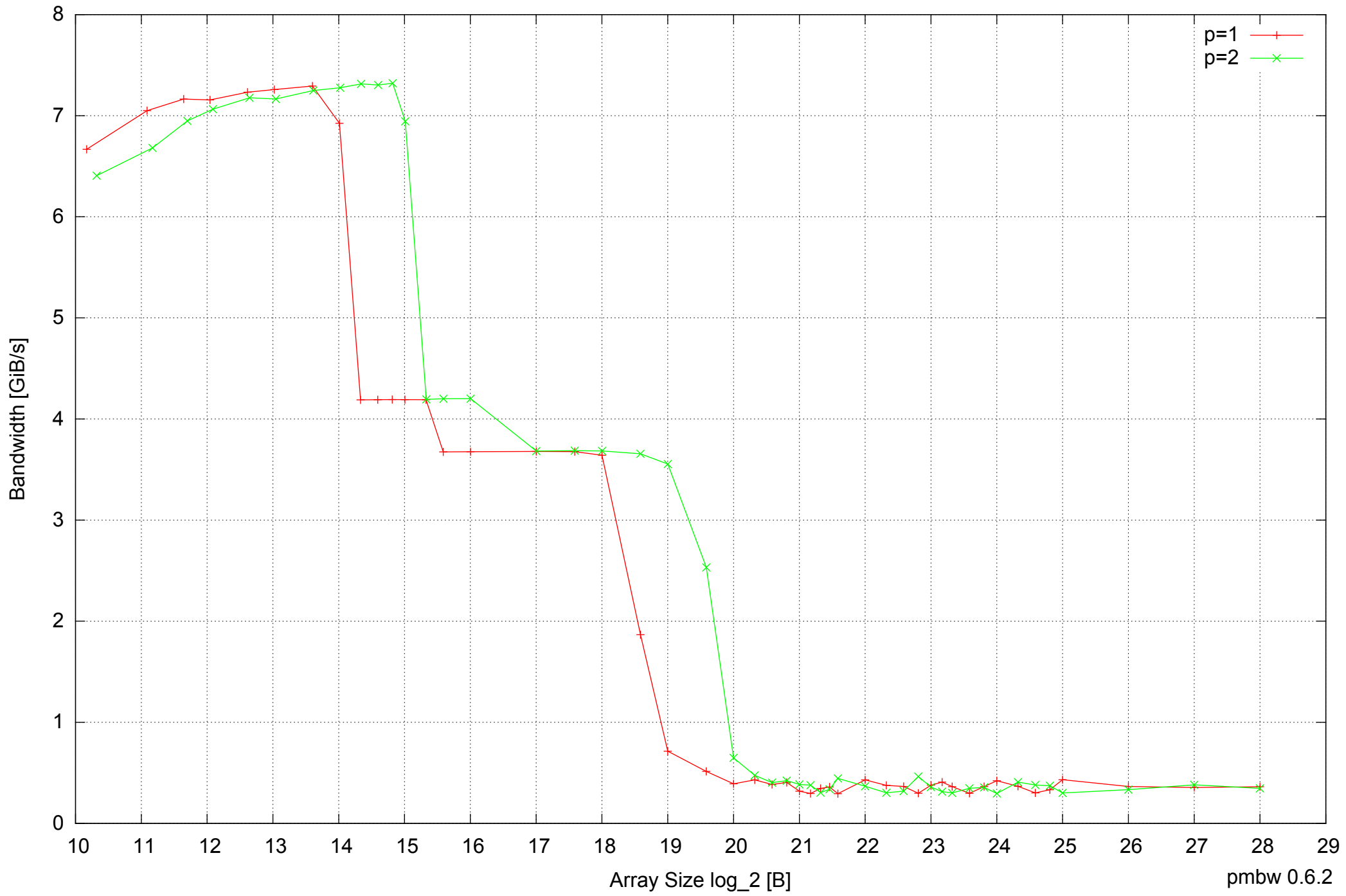
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop



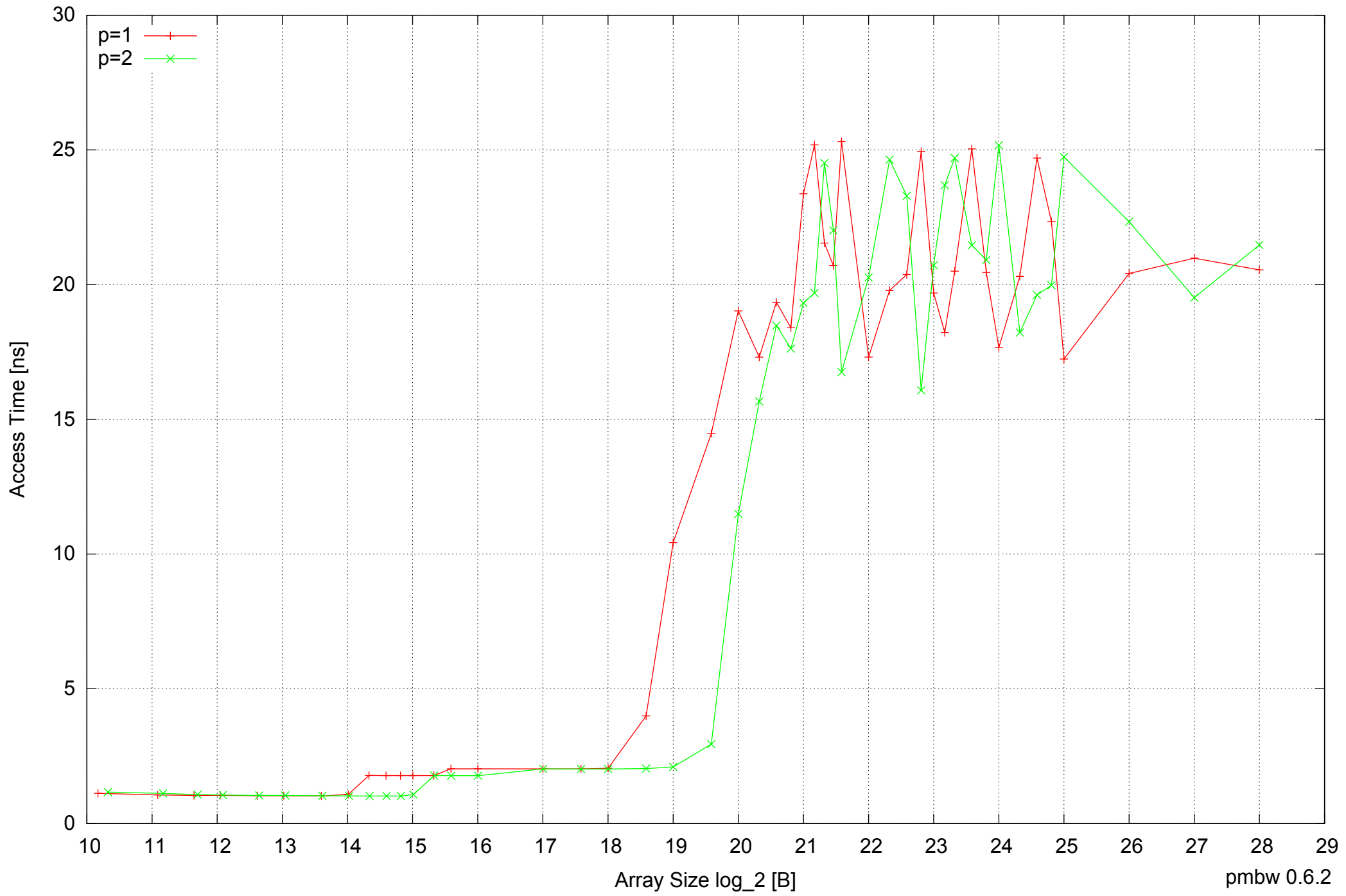
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64PtrSimpleLoop



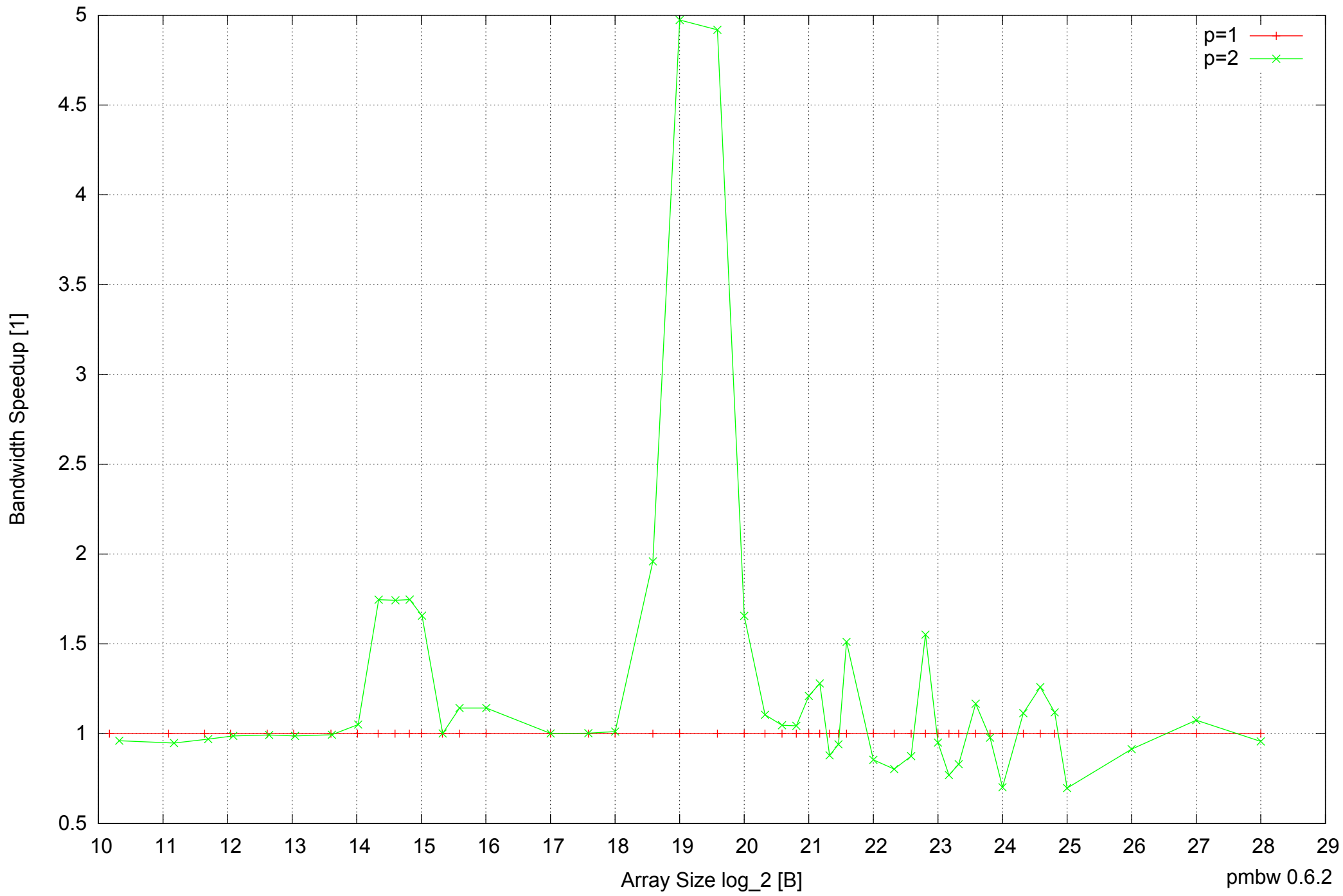
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop



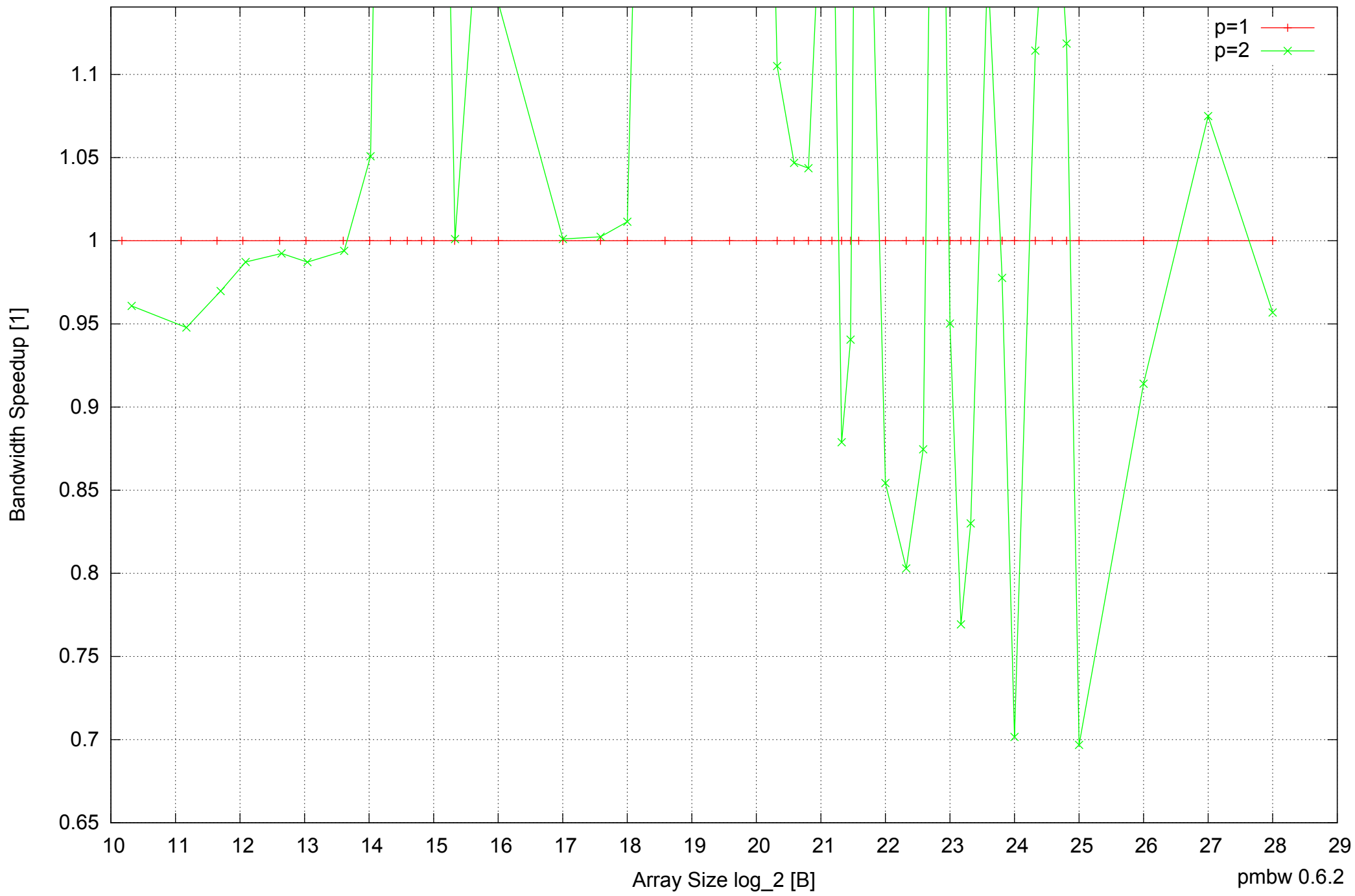
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead64PtrUnrollLoop



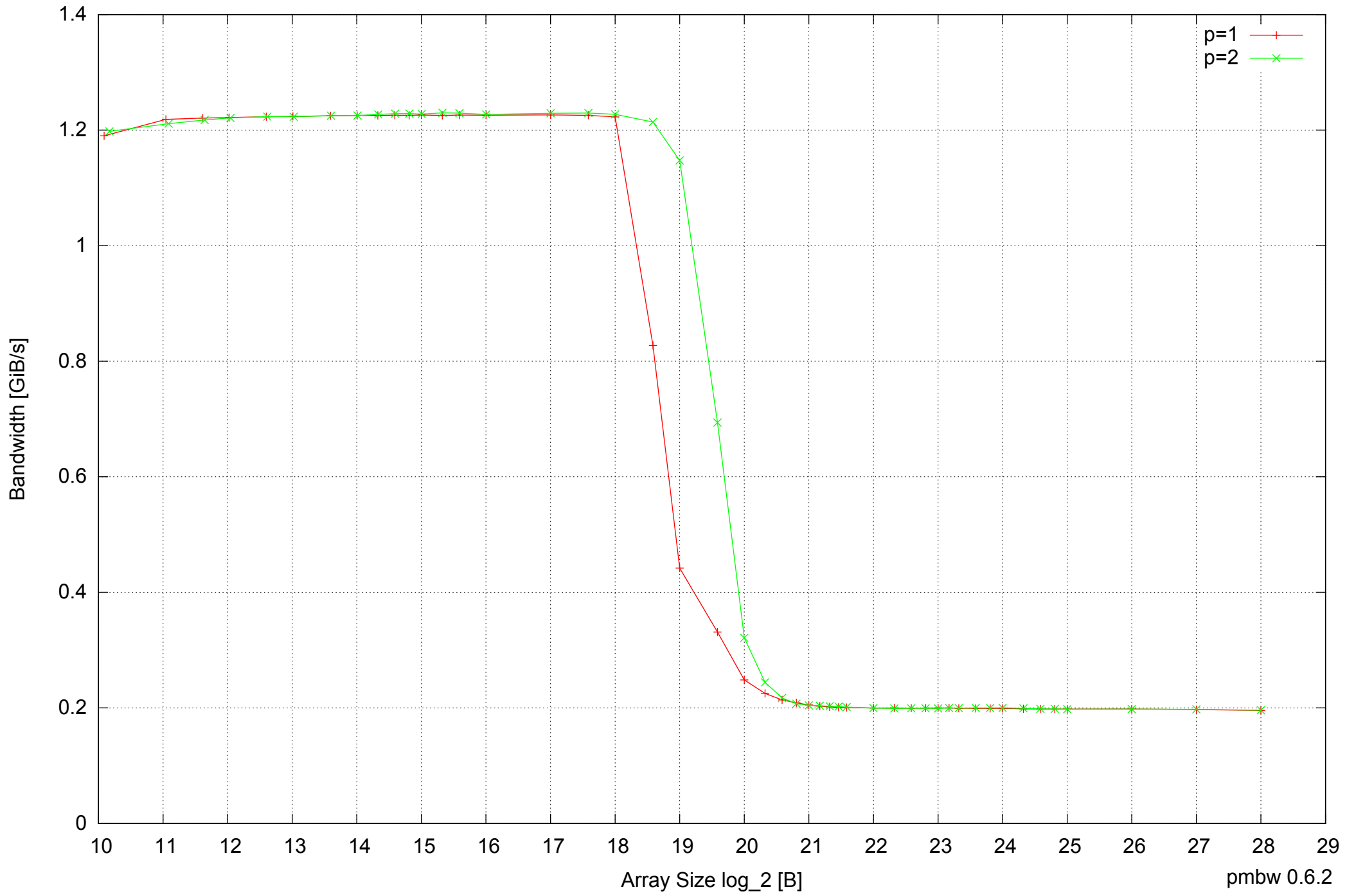
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop



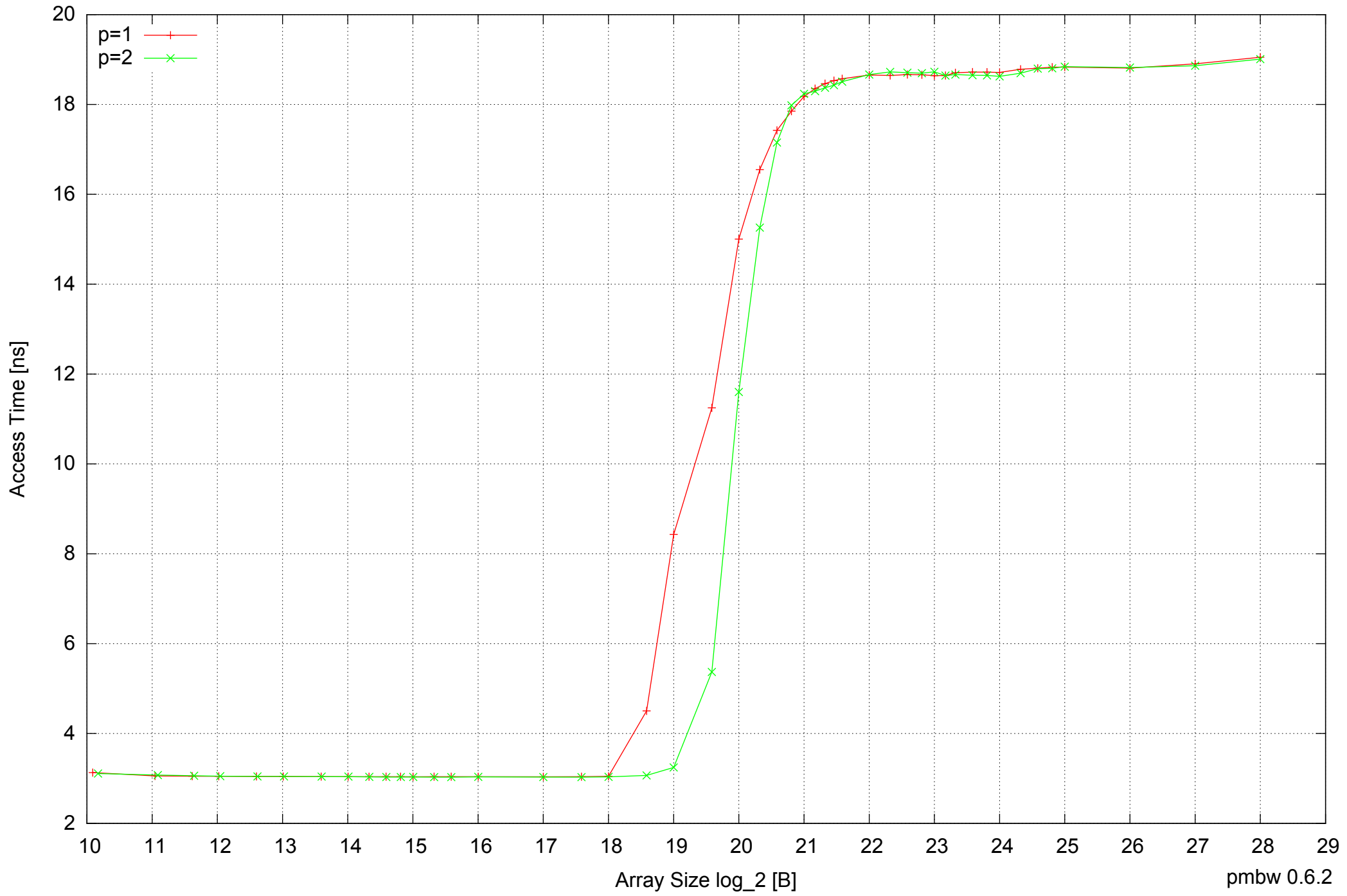
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64PtrUnrollLoop



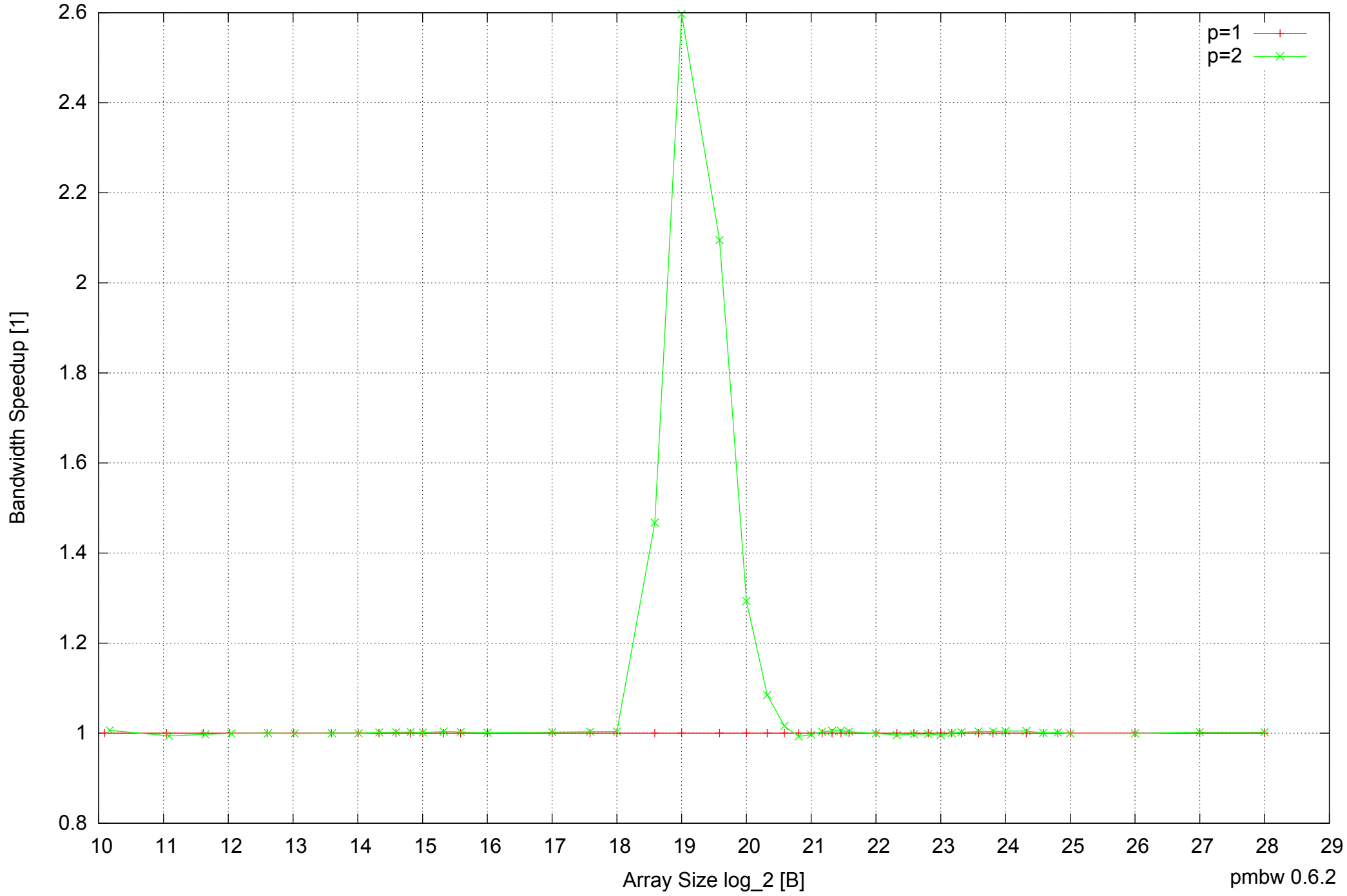
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



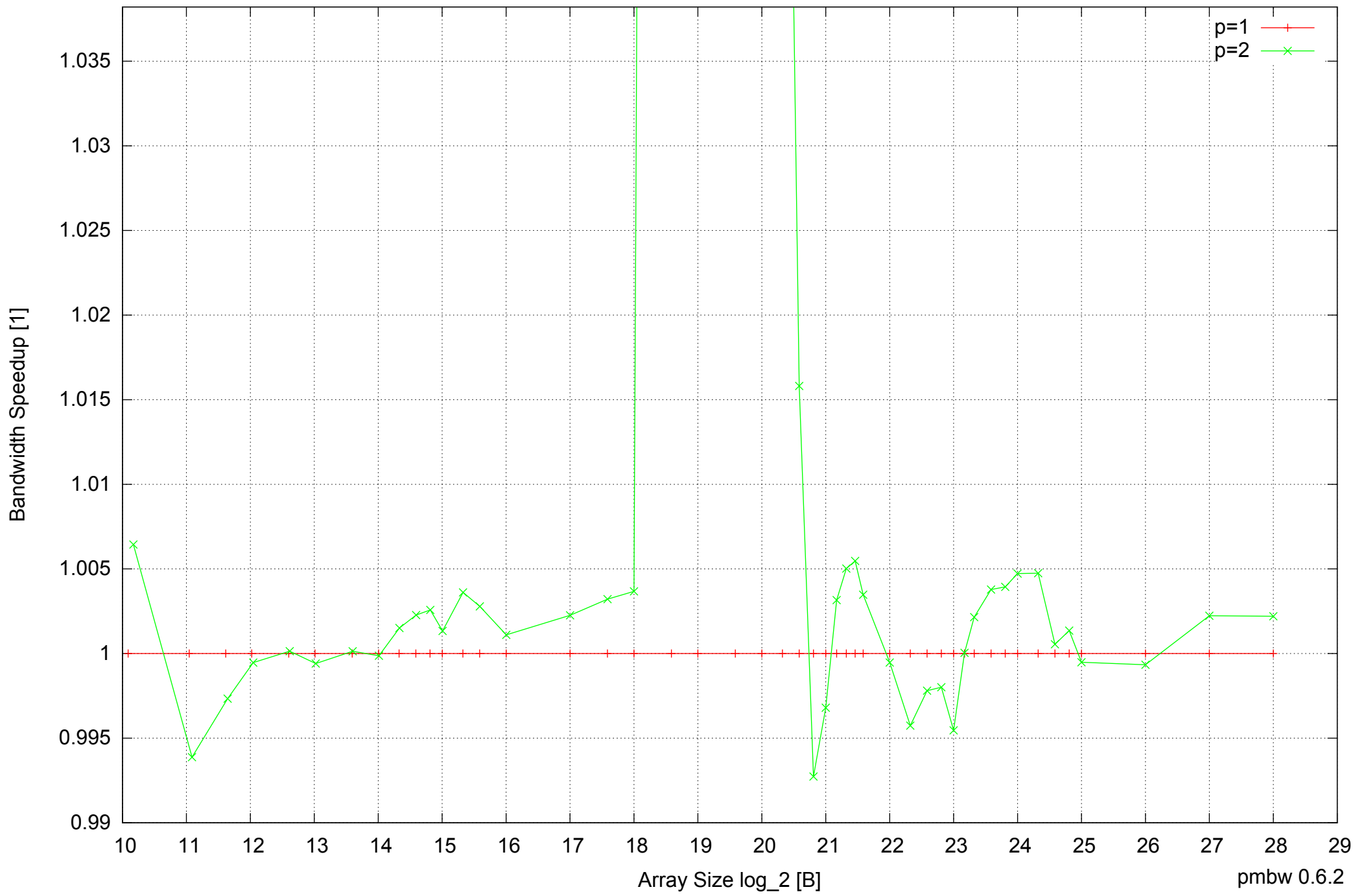
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite32PtrSimpleLoop



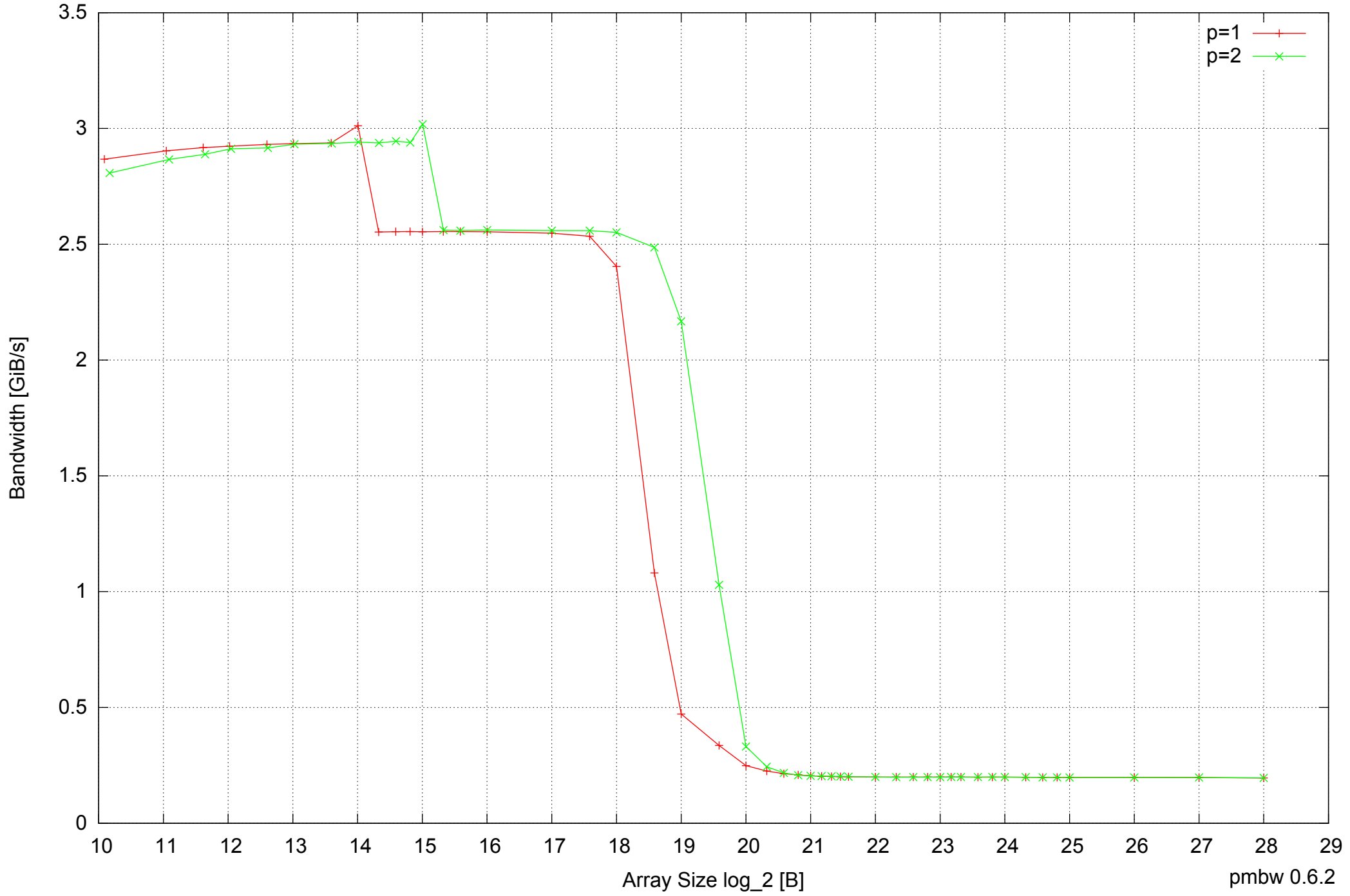
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



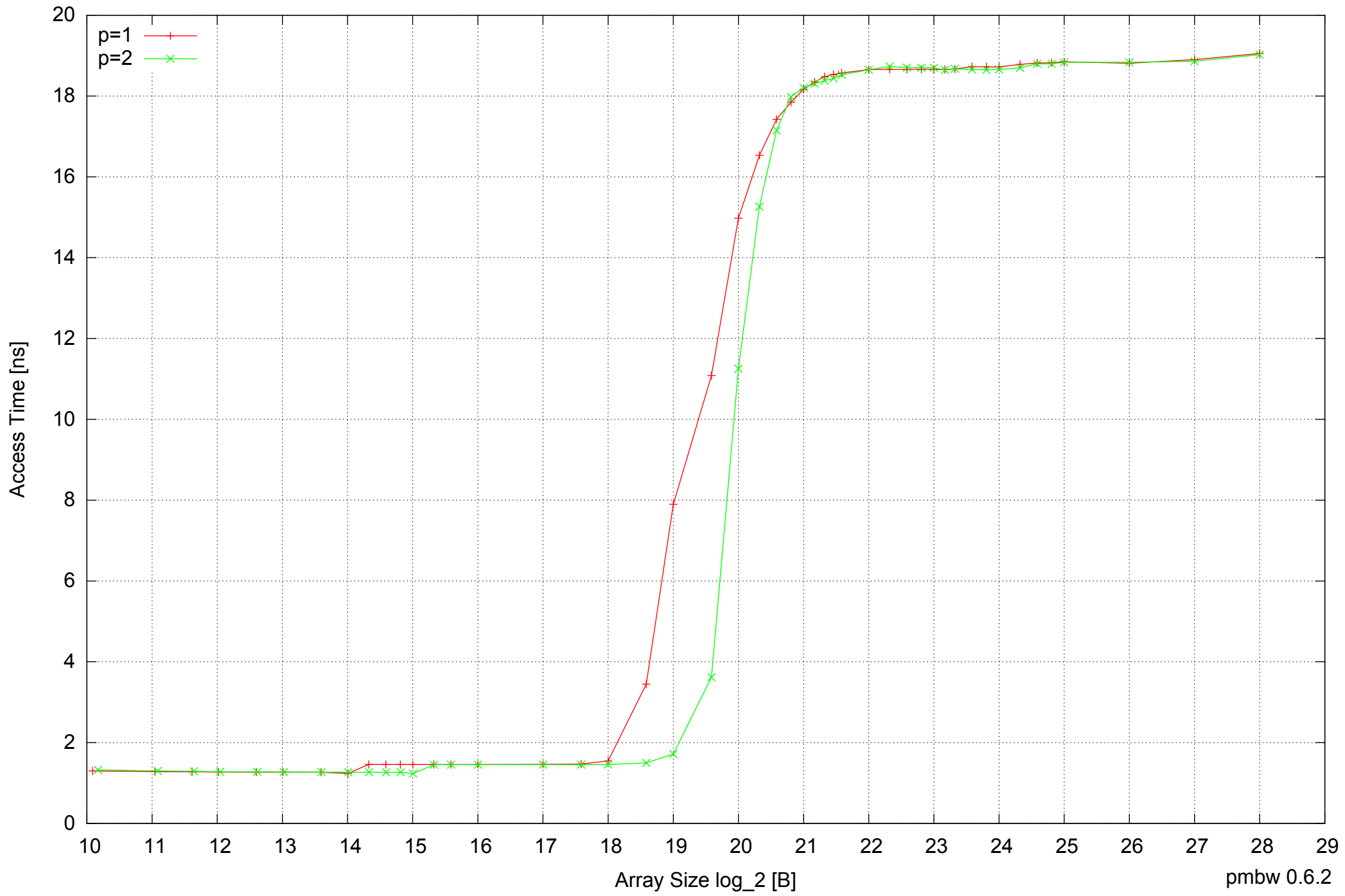
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32PtrSimpleLoop



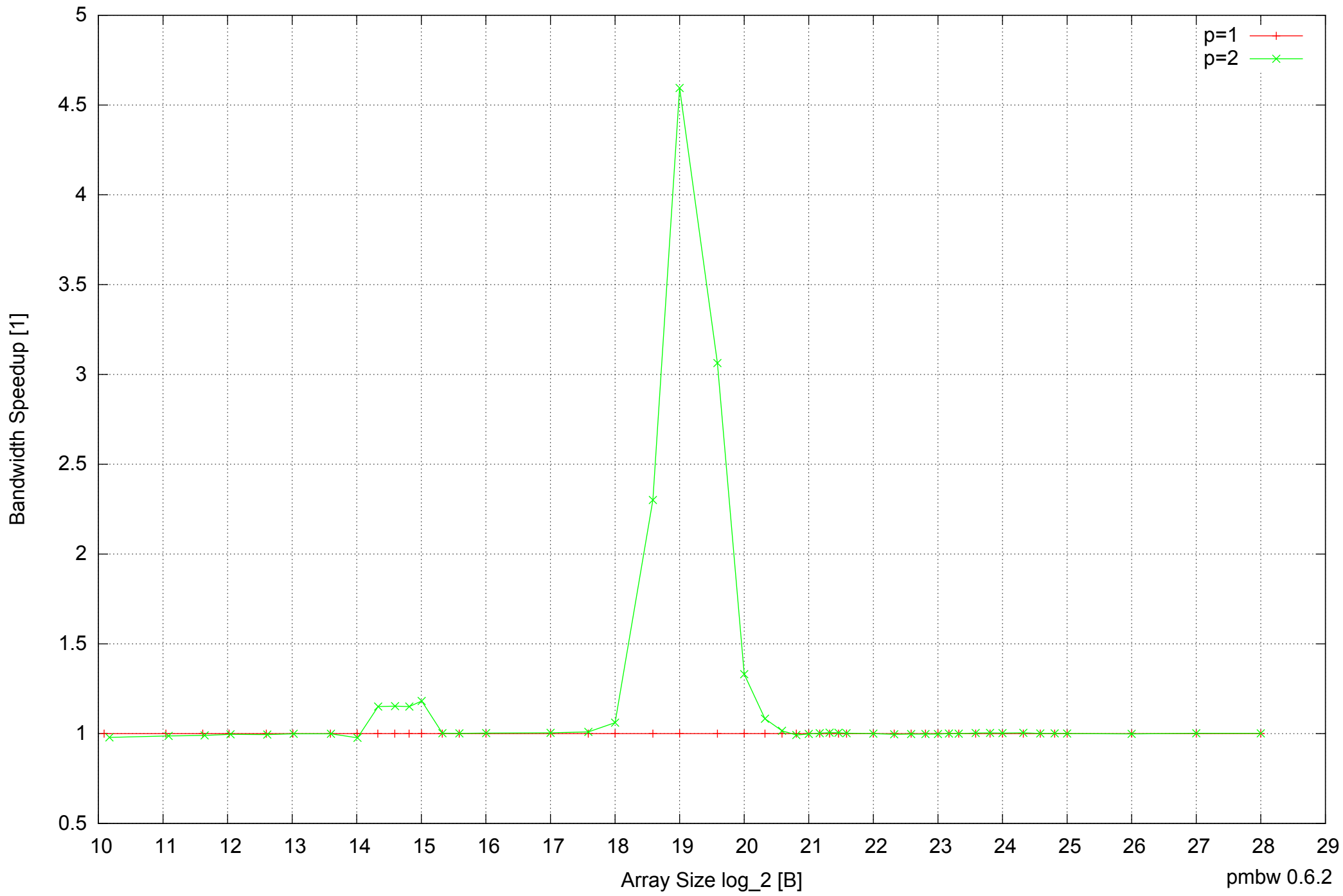
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop



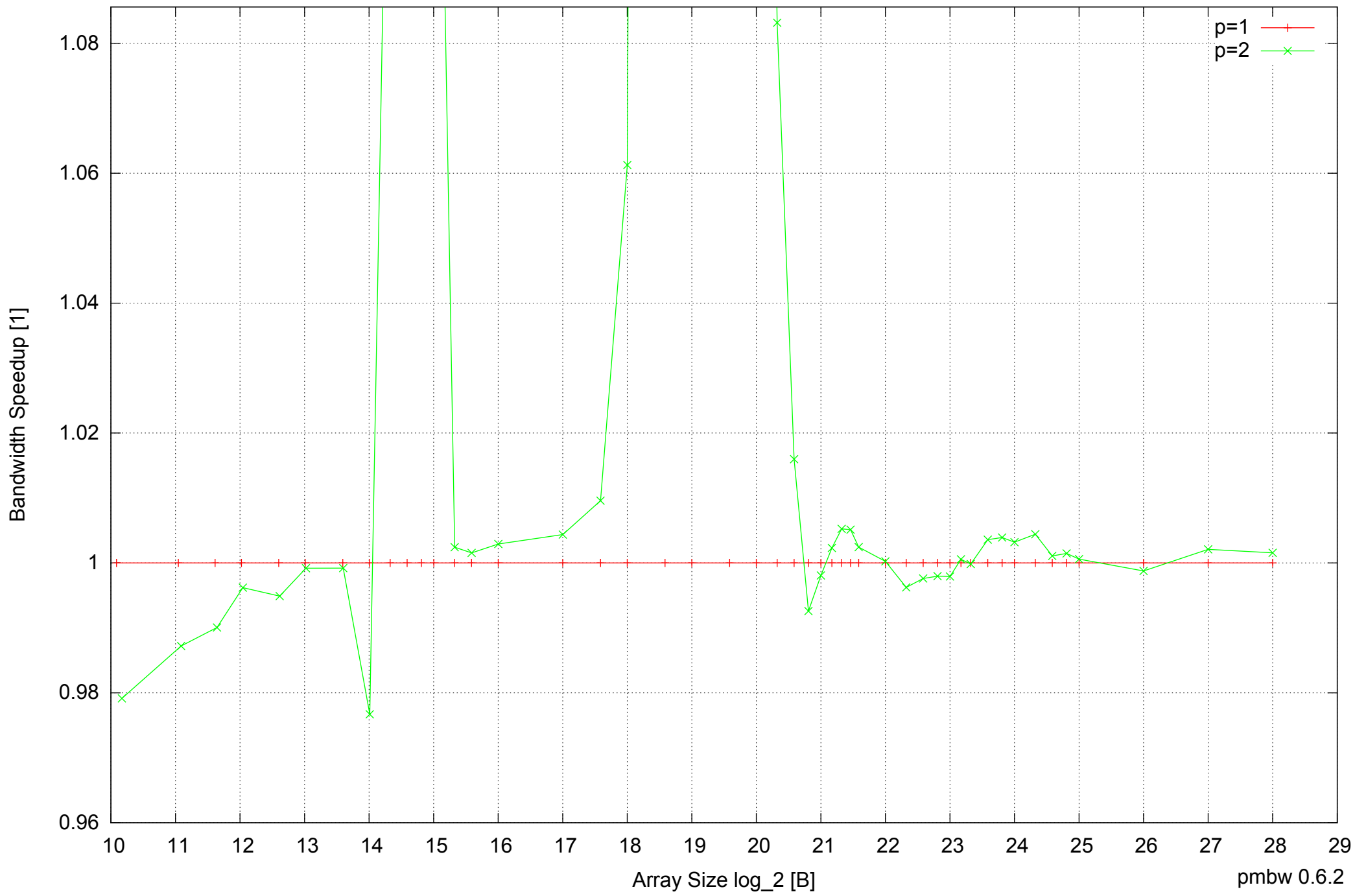
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite32PtrUnrollLoop



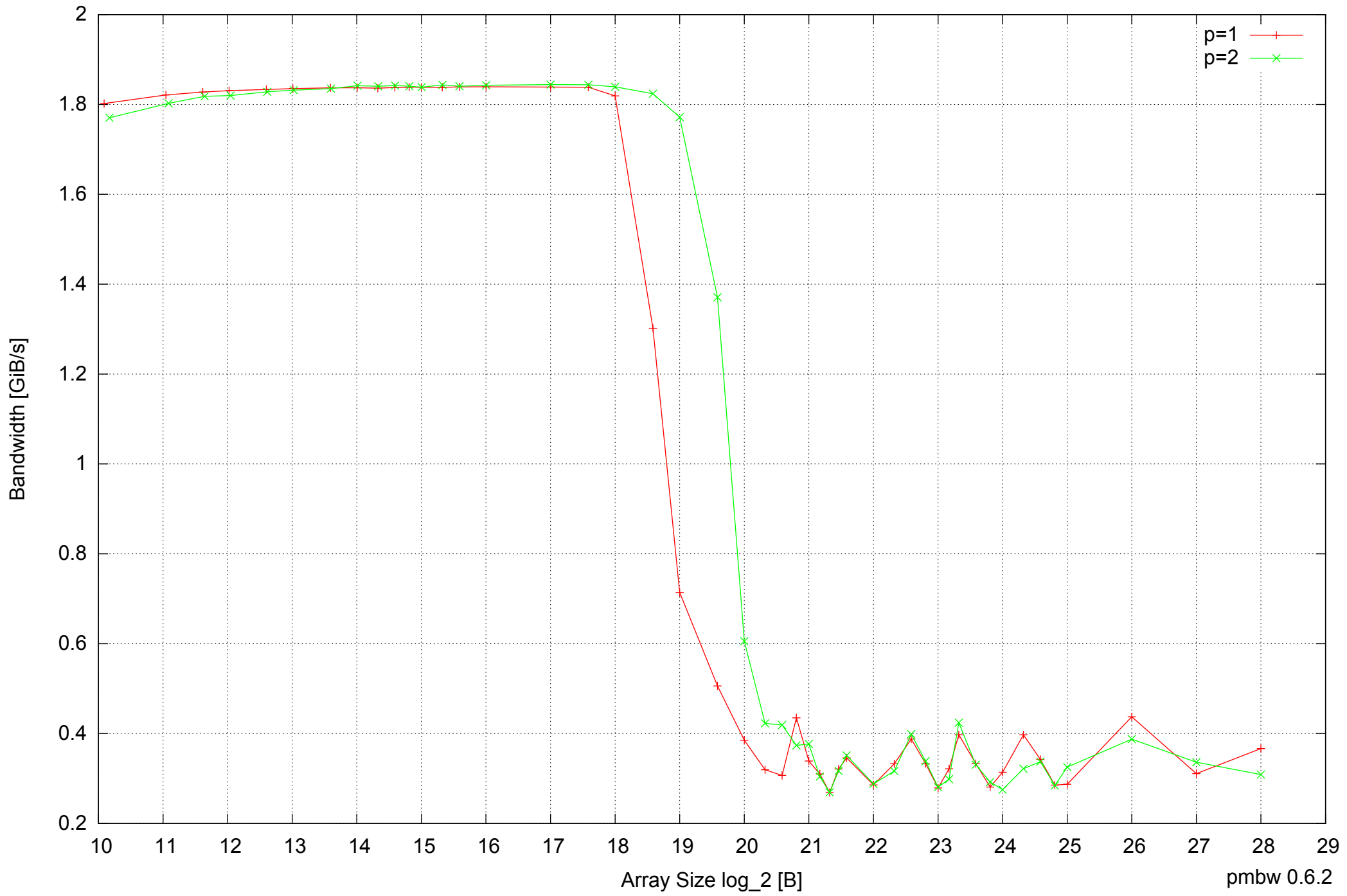
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop



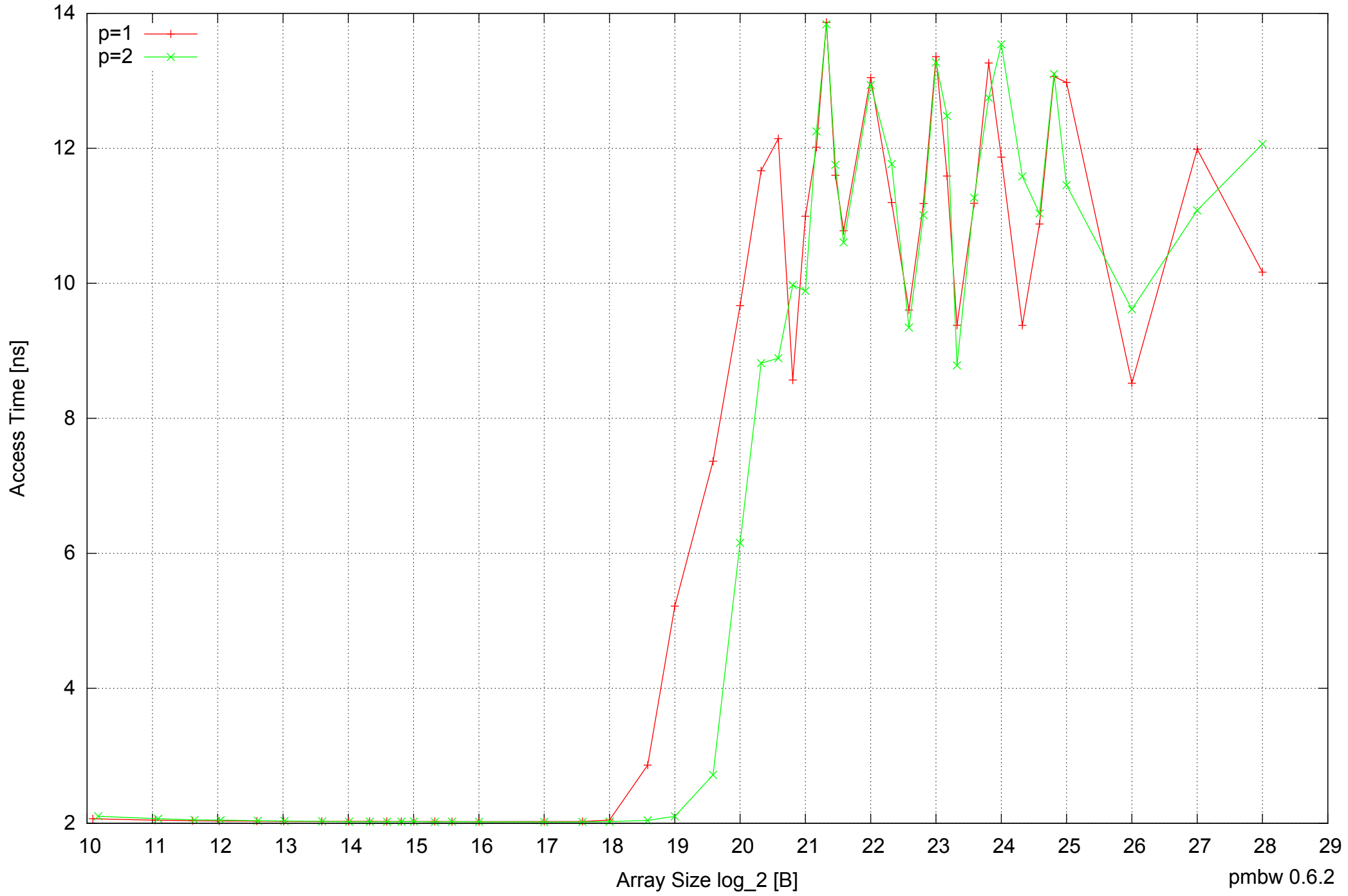
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32PtrUnrollLoop



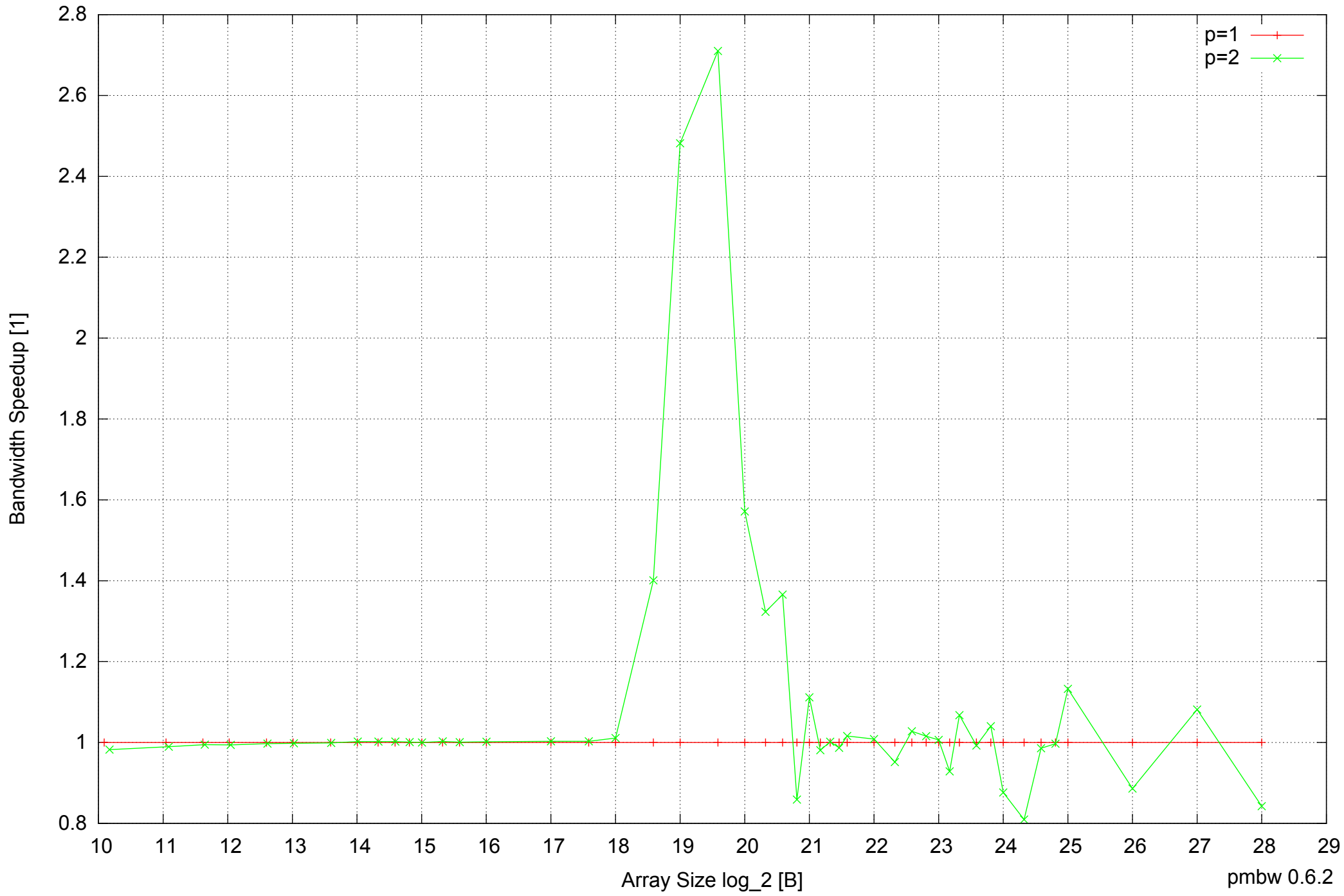
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop



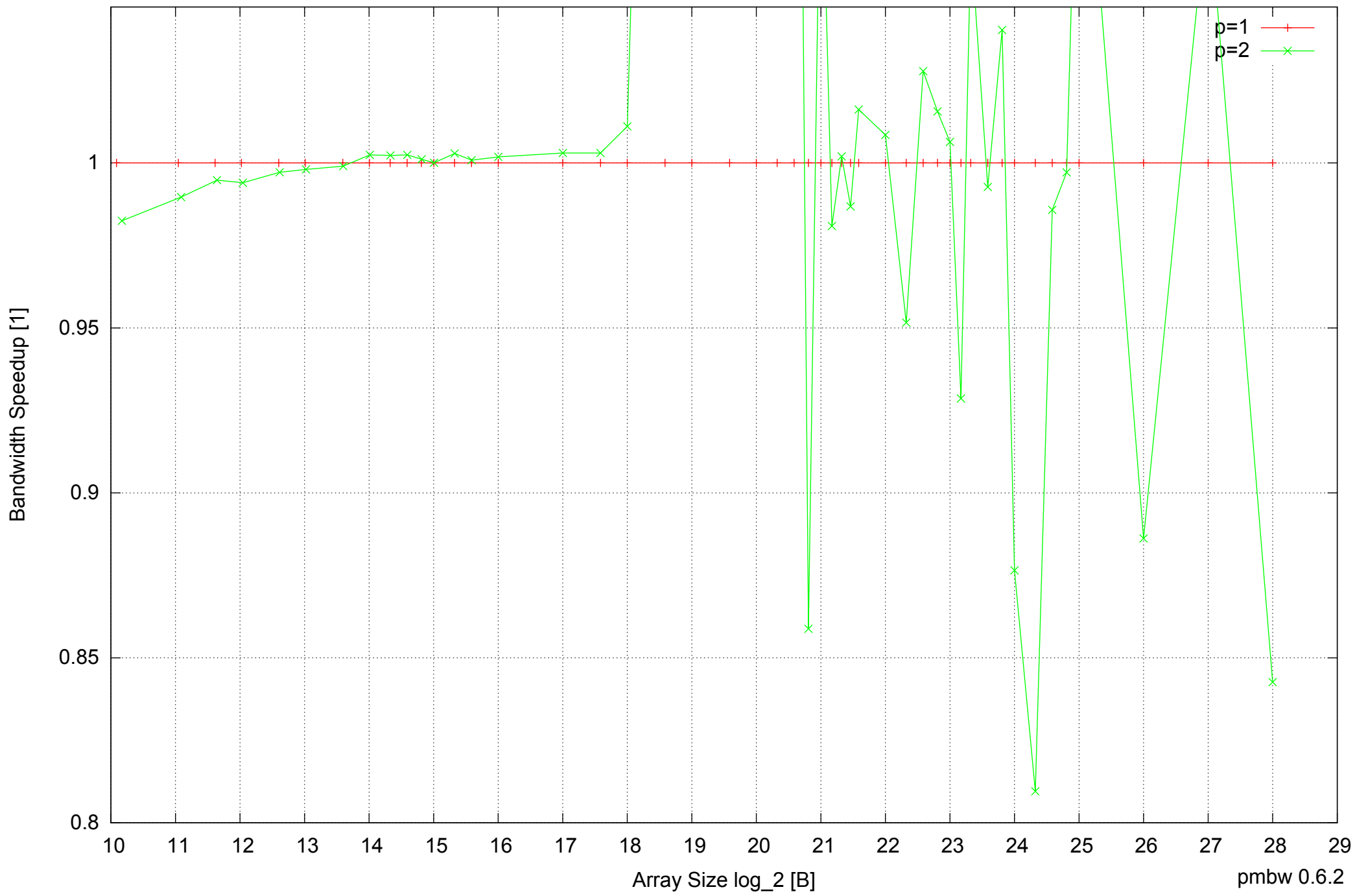
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead32PtrSimpleLoop



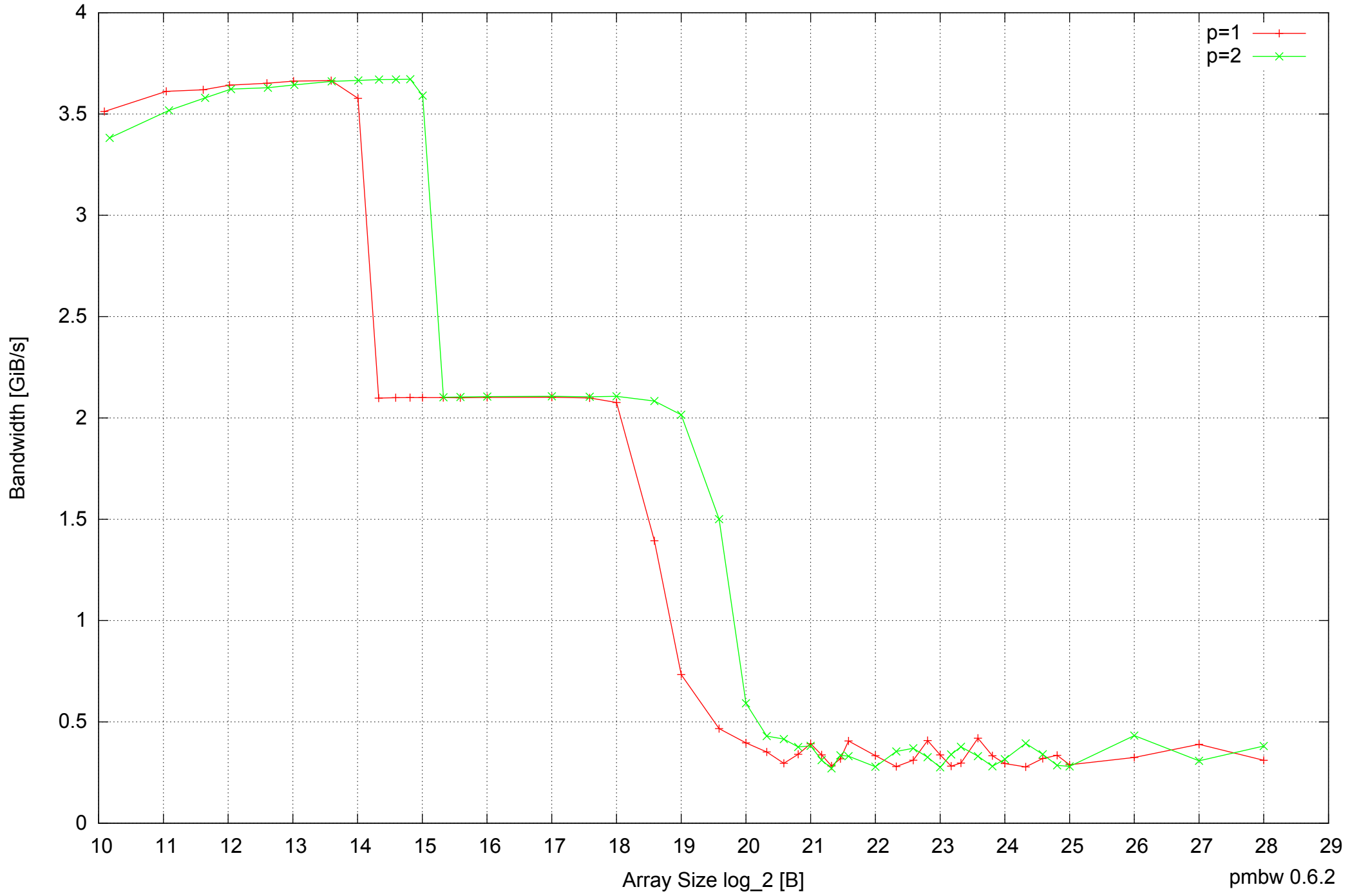
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop



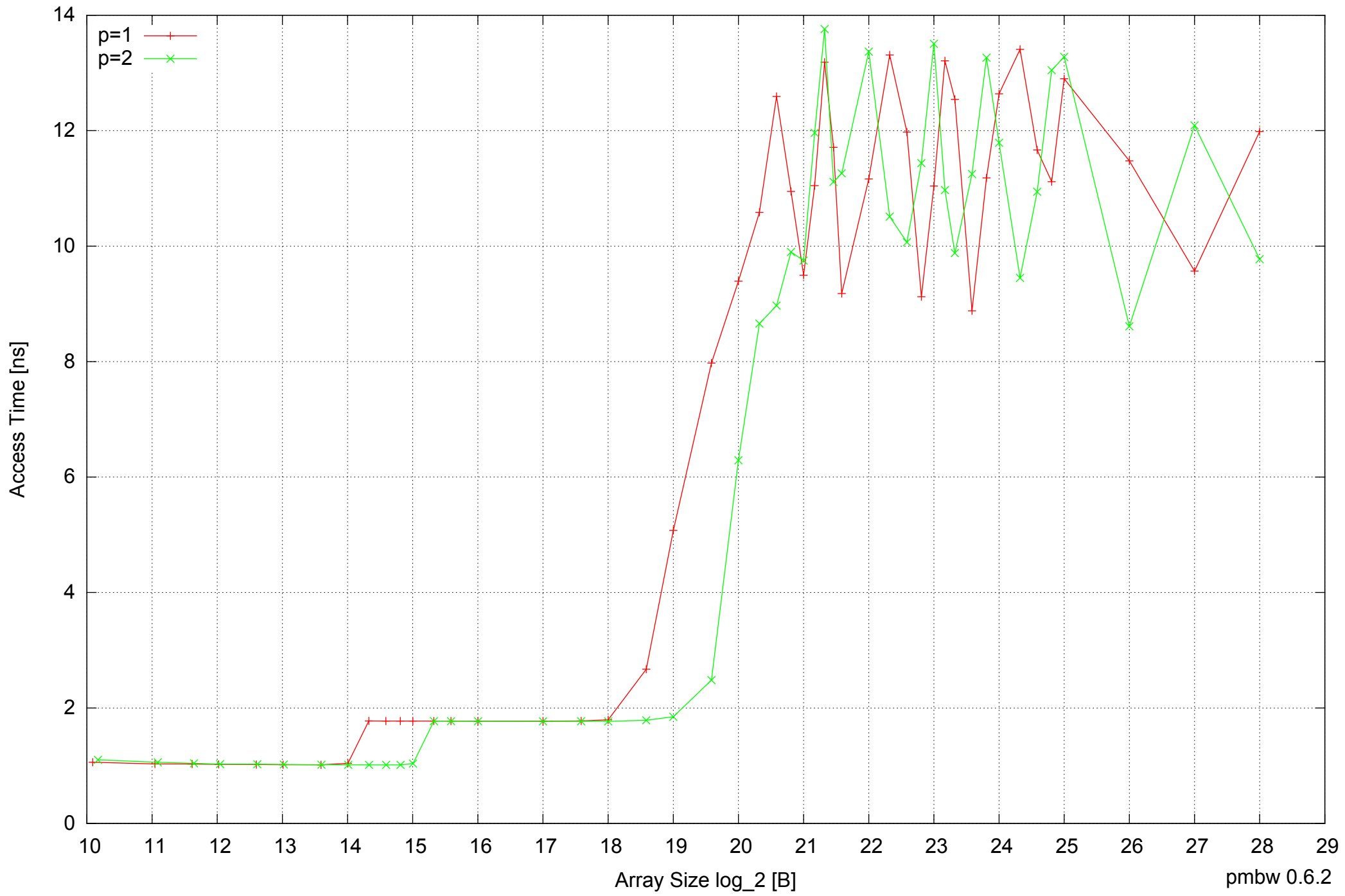
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32PtrSimpleLoop



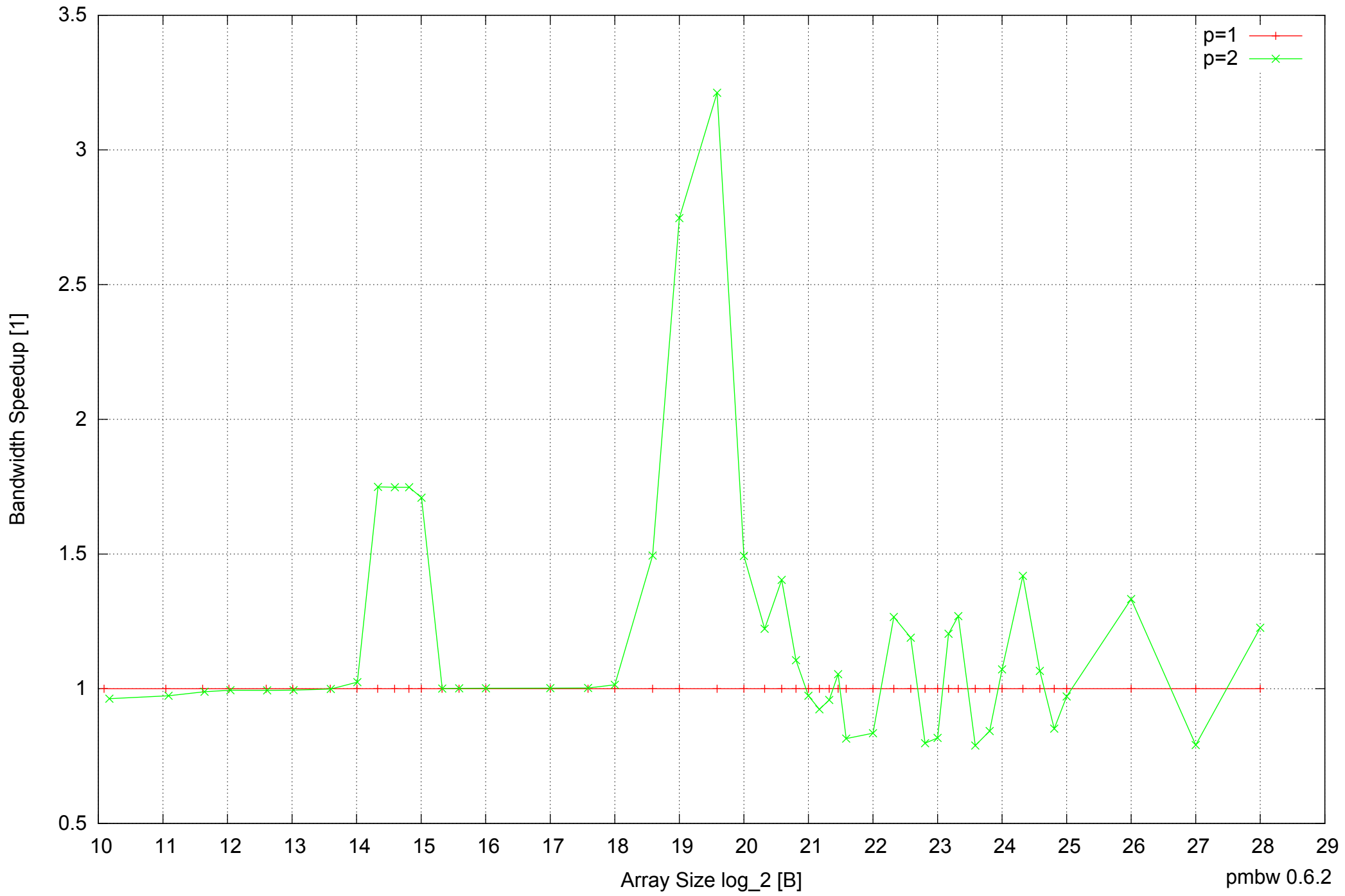
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop



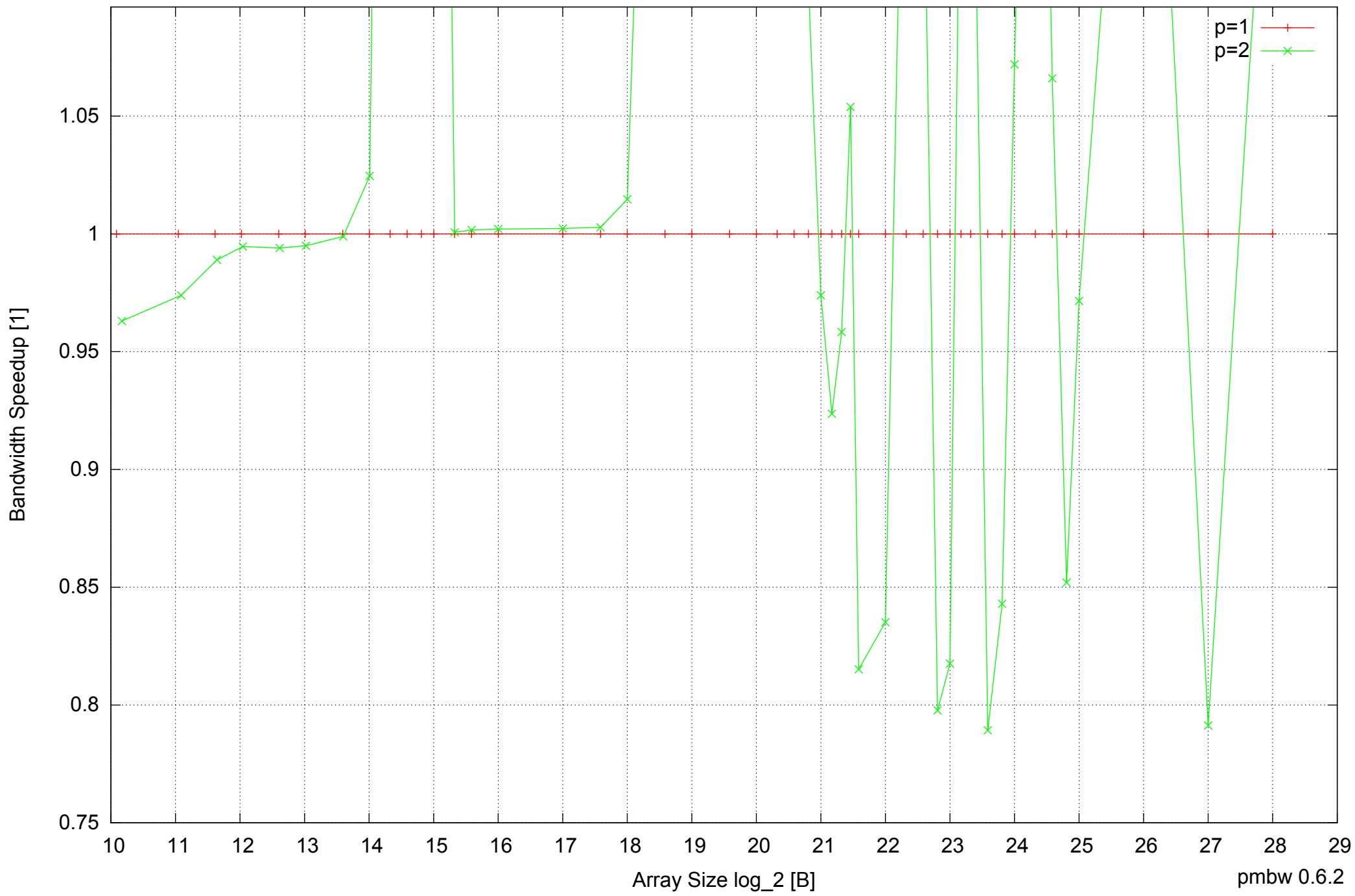
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead32PtrUnrollLoop



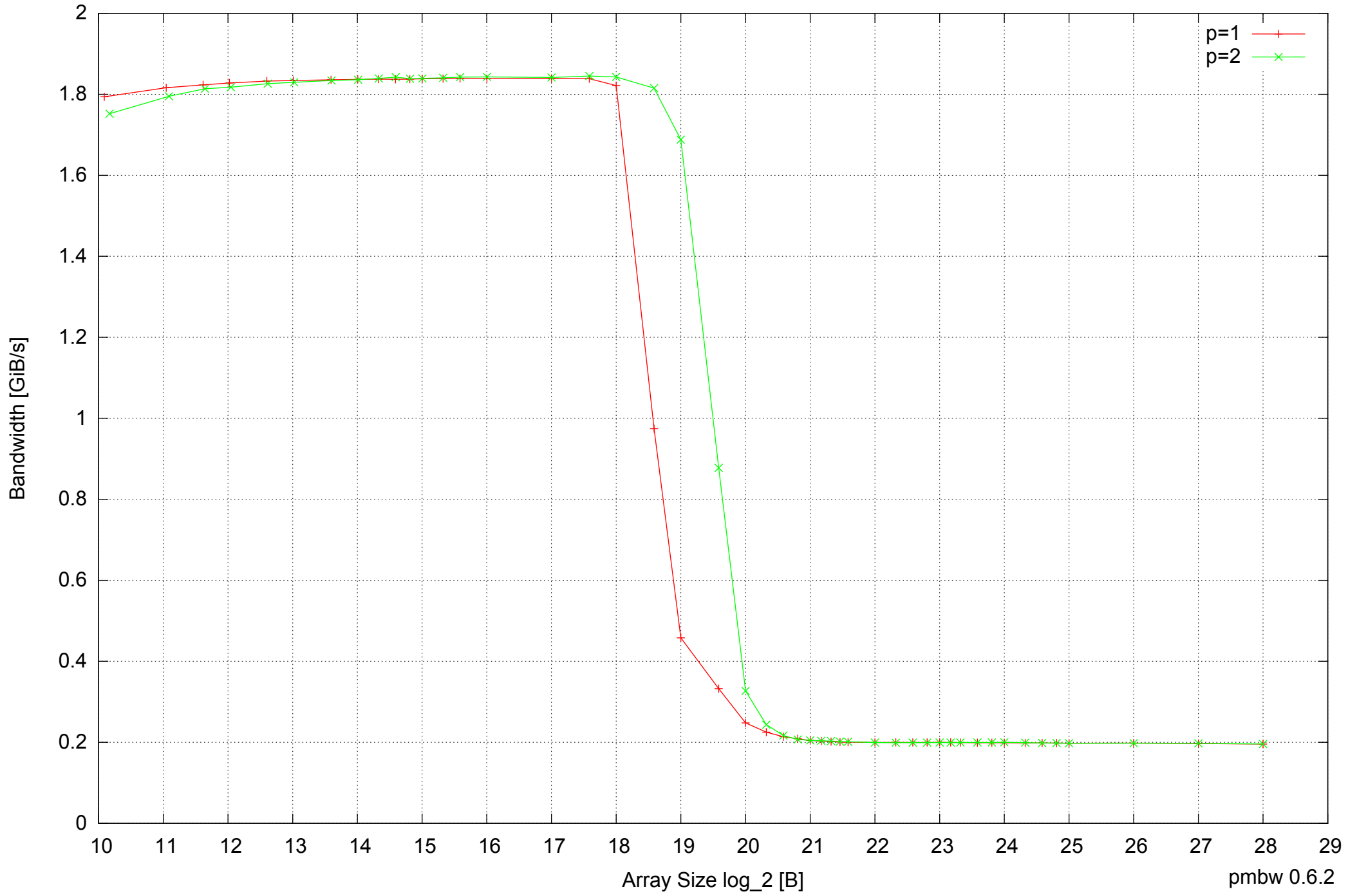
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop



Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32PtrUnrollLoop



Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite32IndexSimpleLoop



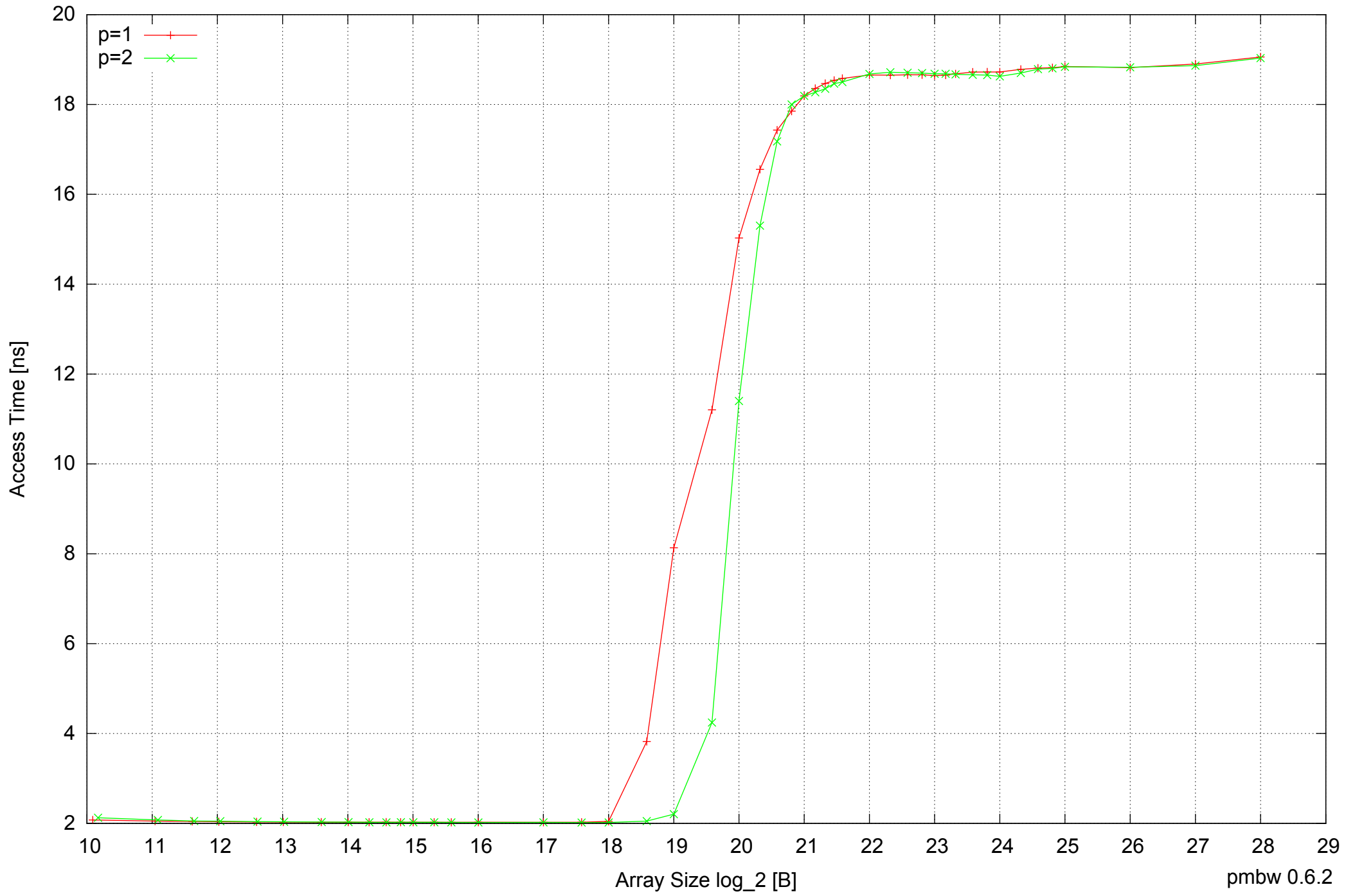
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Bandwidth [GiB/s]

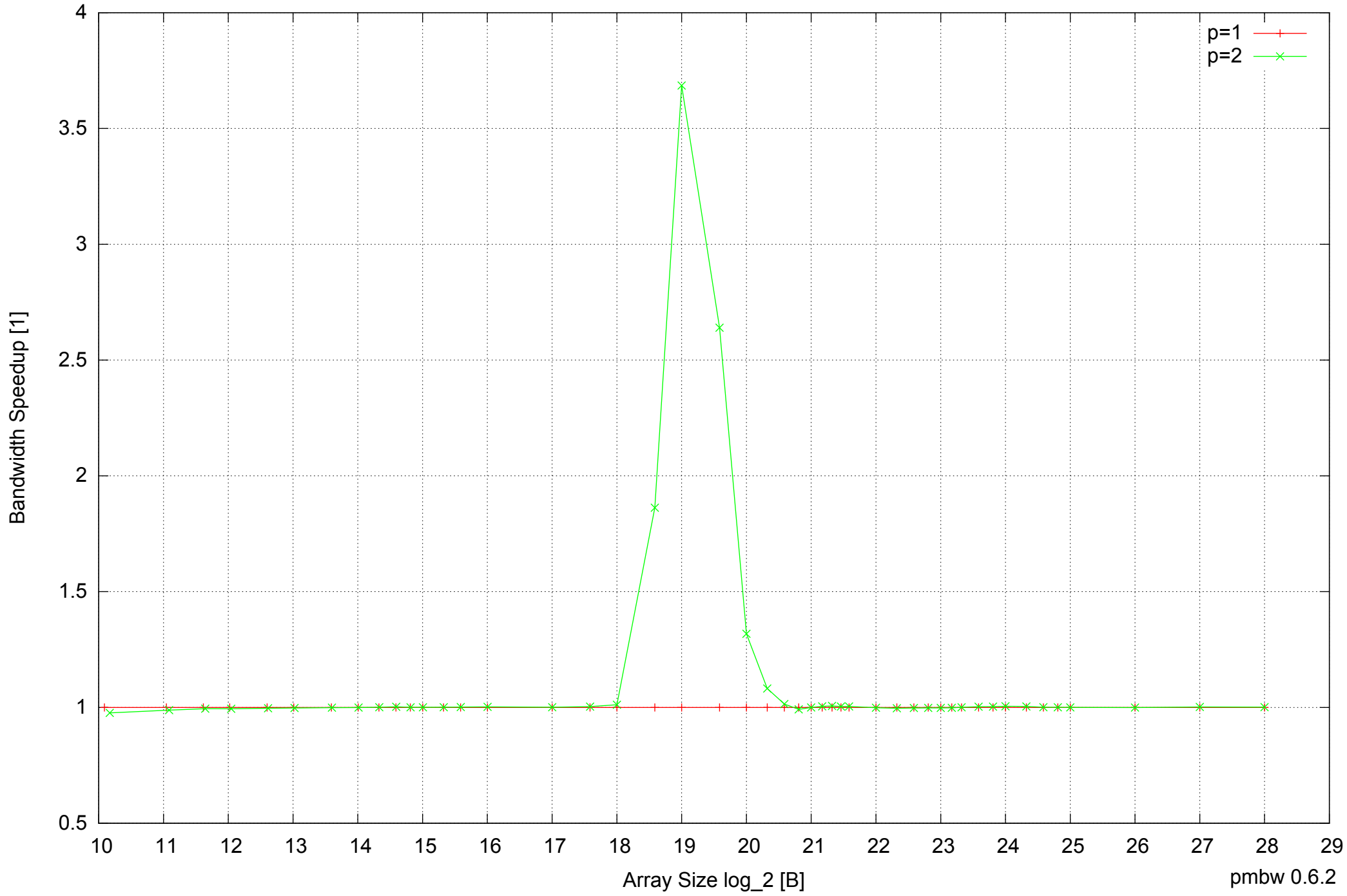
Array Size log₂ [B]

pmbw 0.6.2

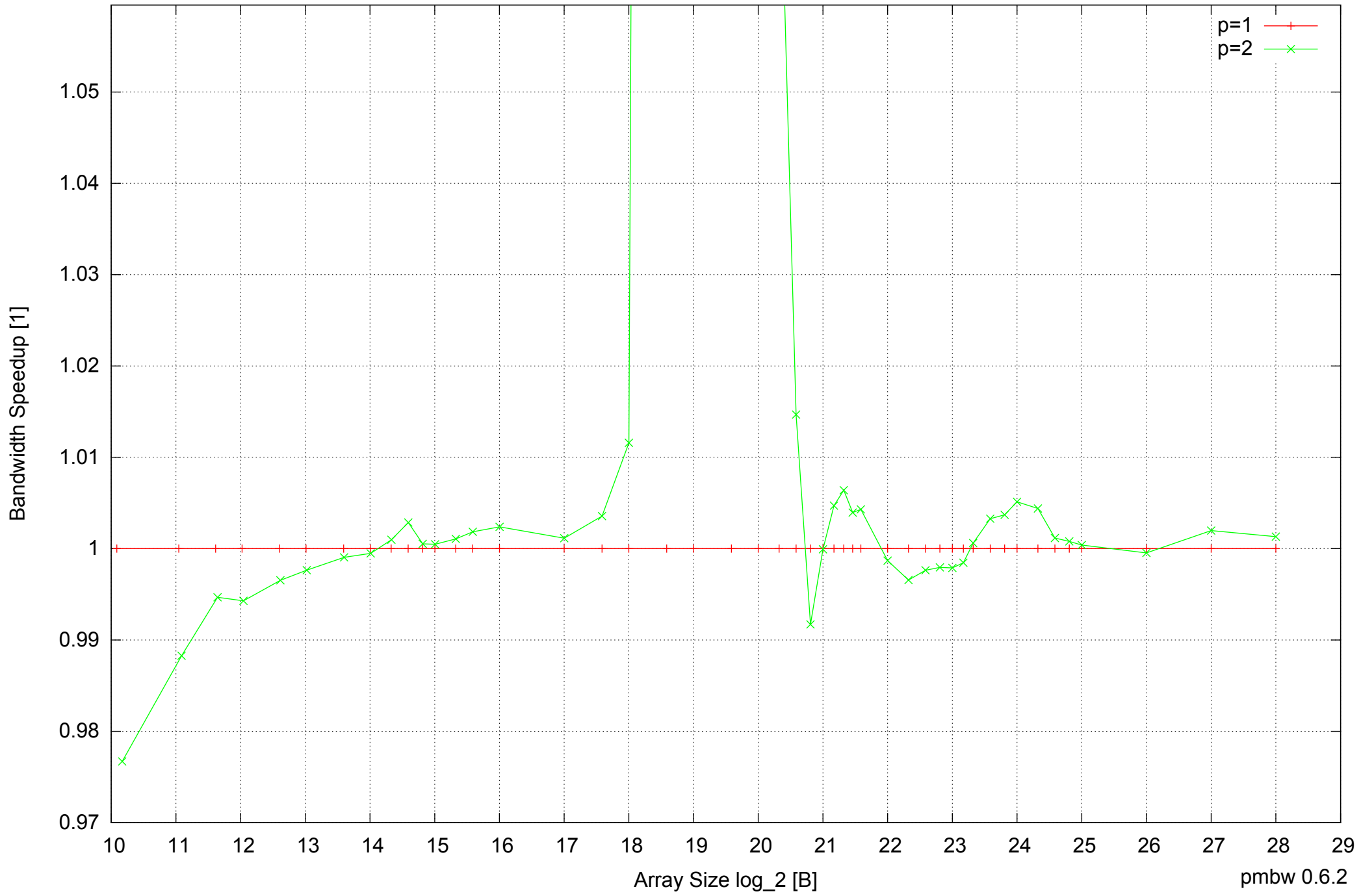
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite32IndexSimpleLoop



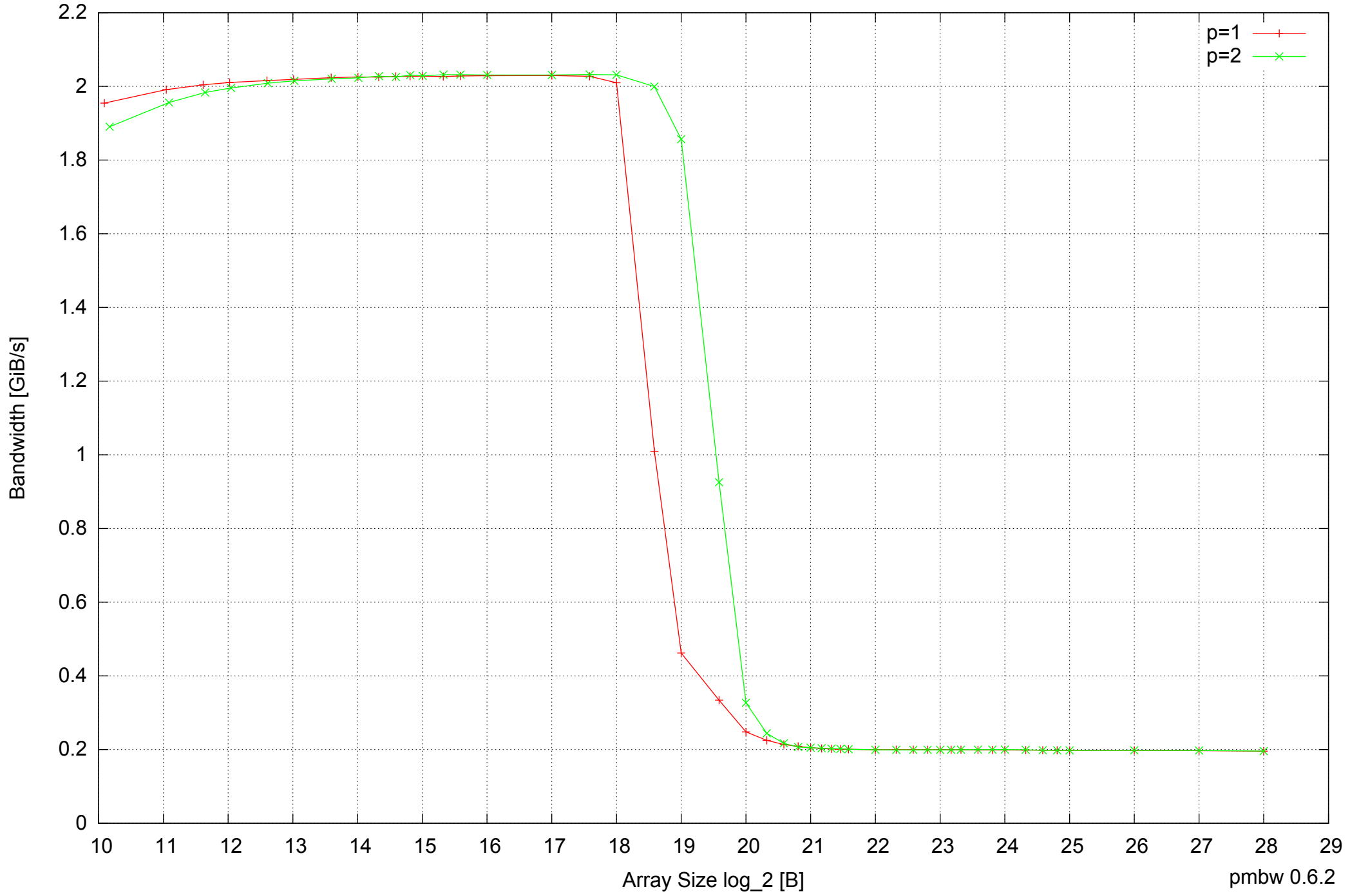
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite32IndexSimpleLoop



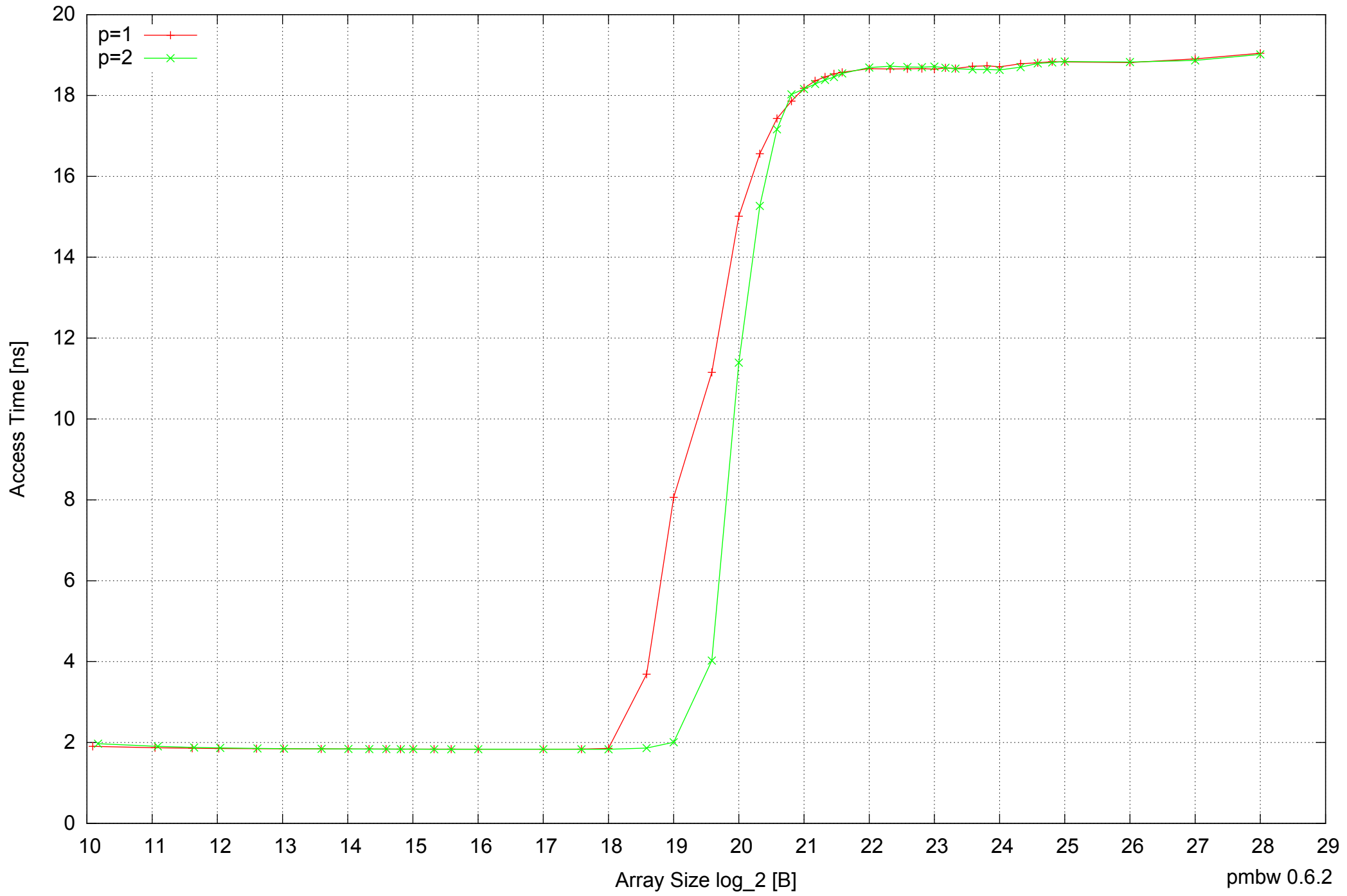
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32IndexSimpleLoop



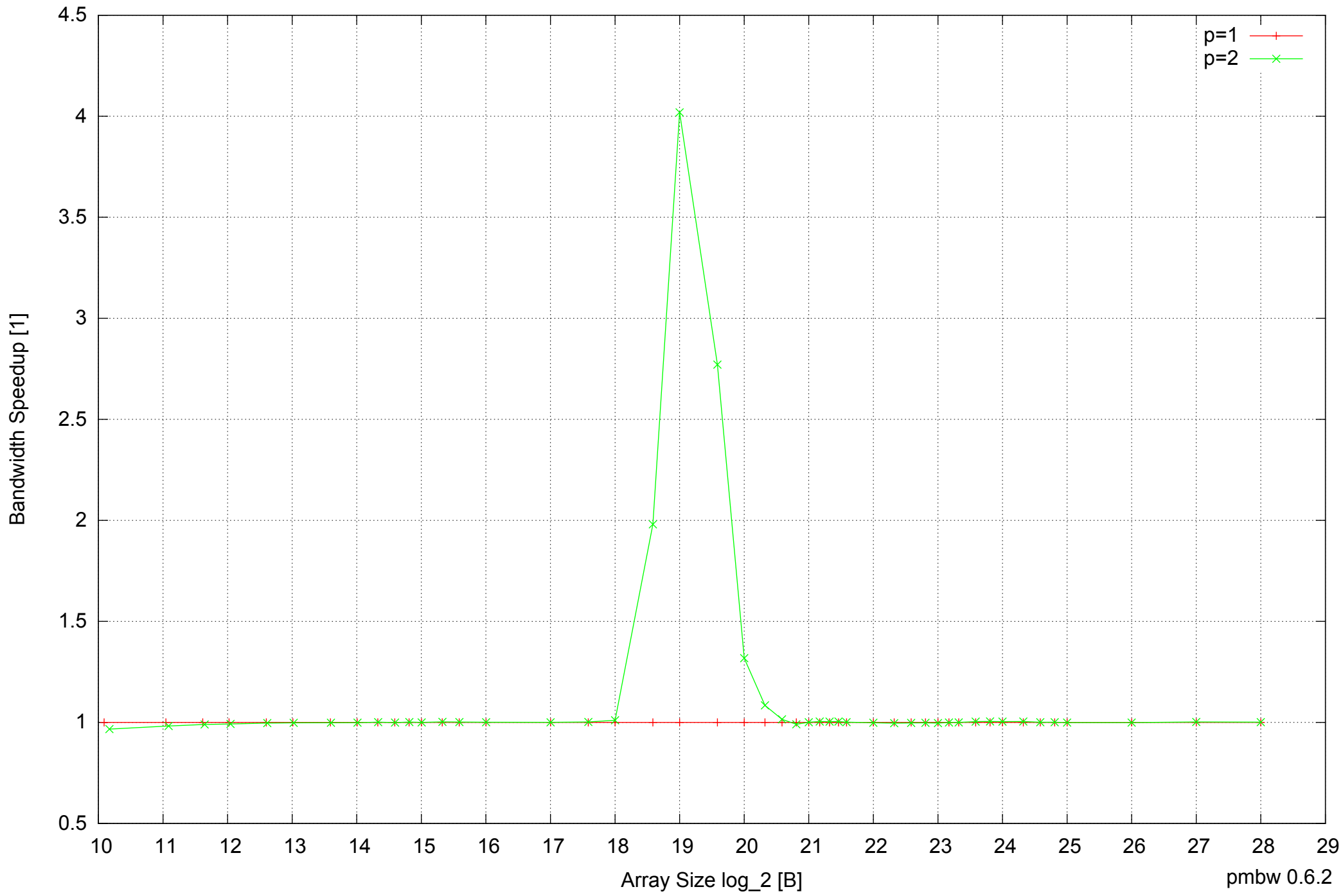
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite32IndexUnrollLoop



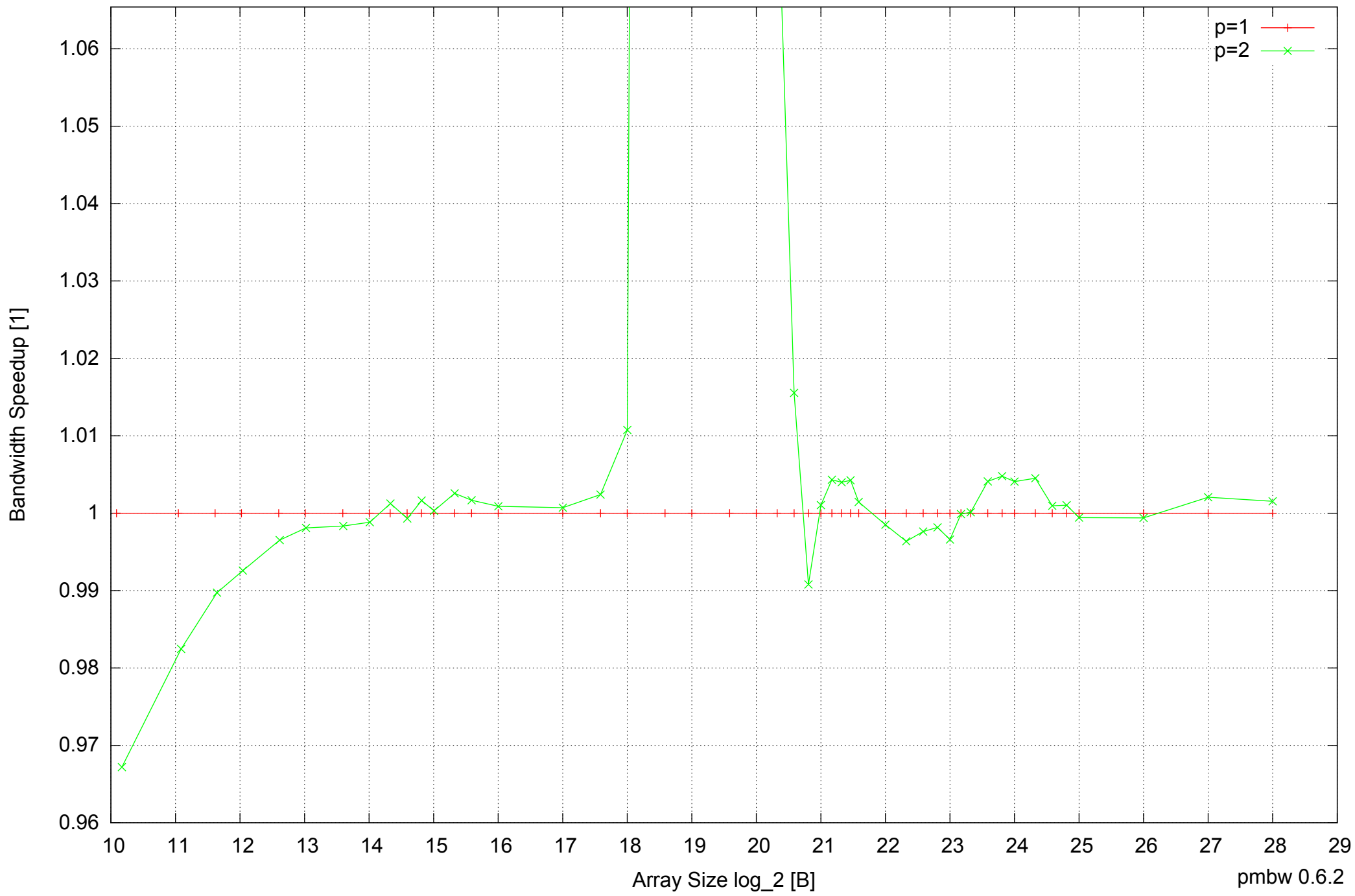
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite32IndexUnrollLoop



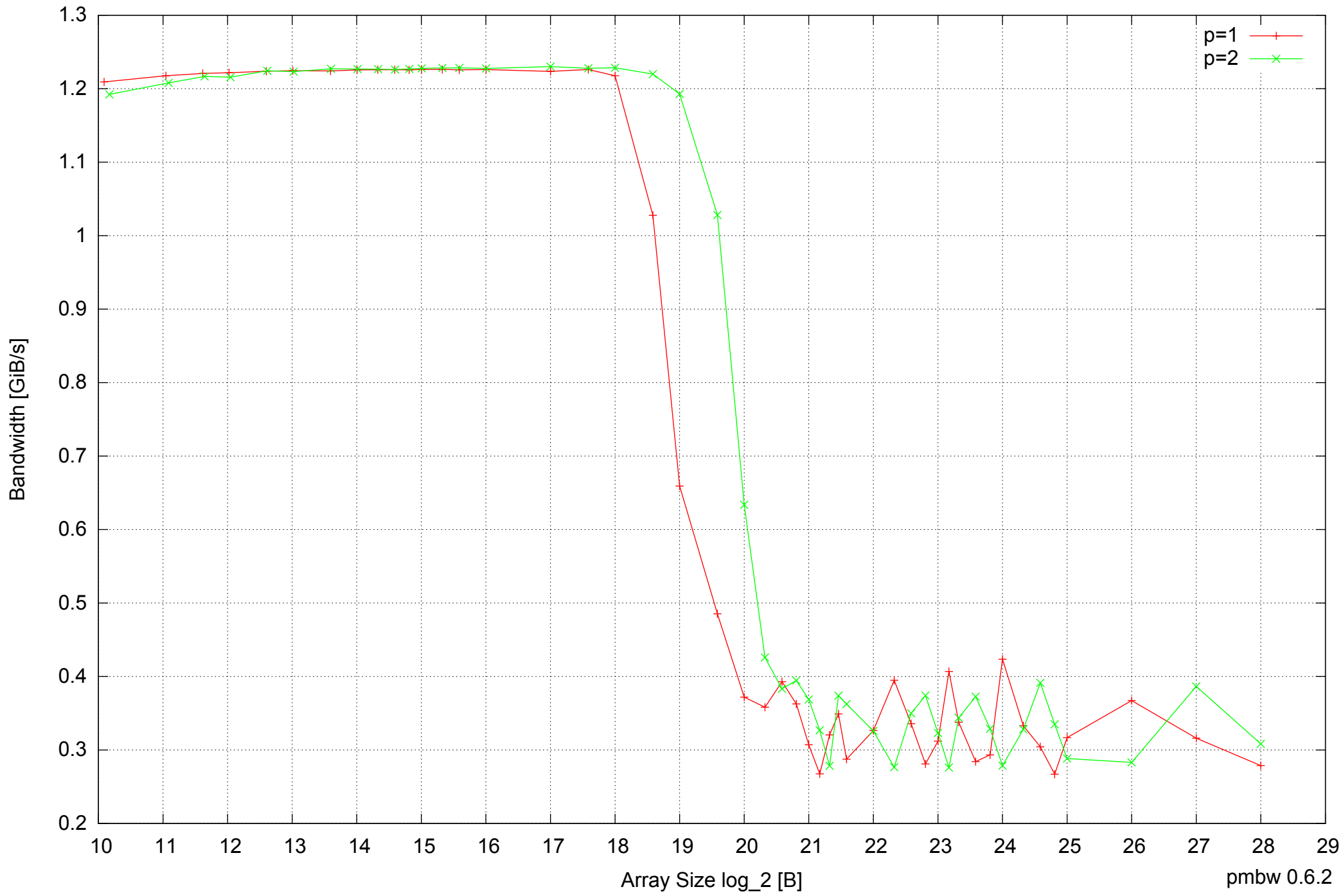
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite32IndexUnrollLoop



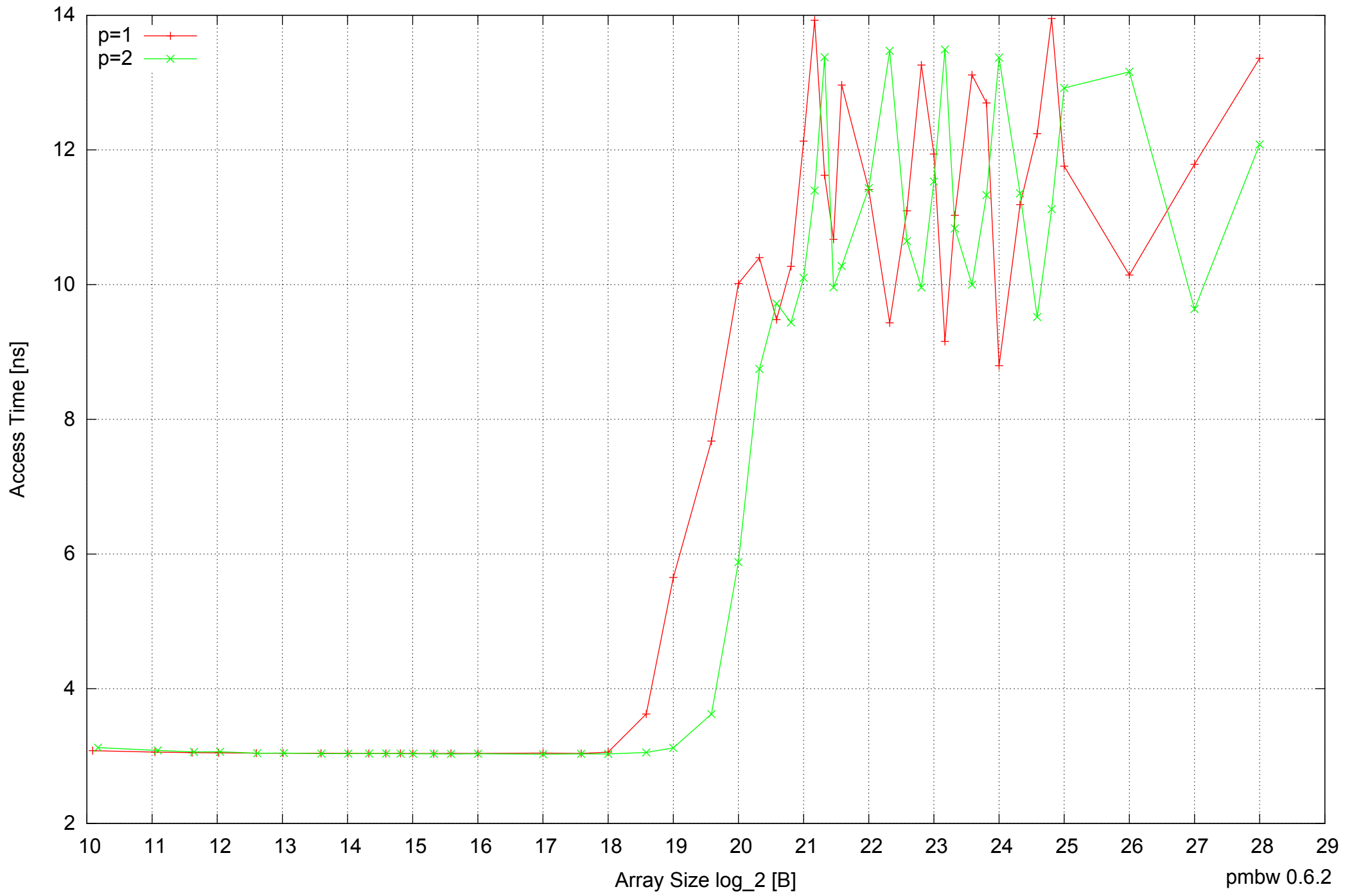
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32IndexUnrollLoop



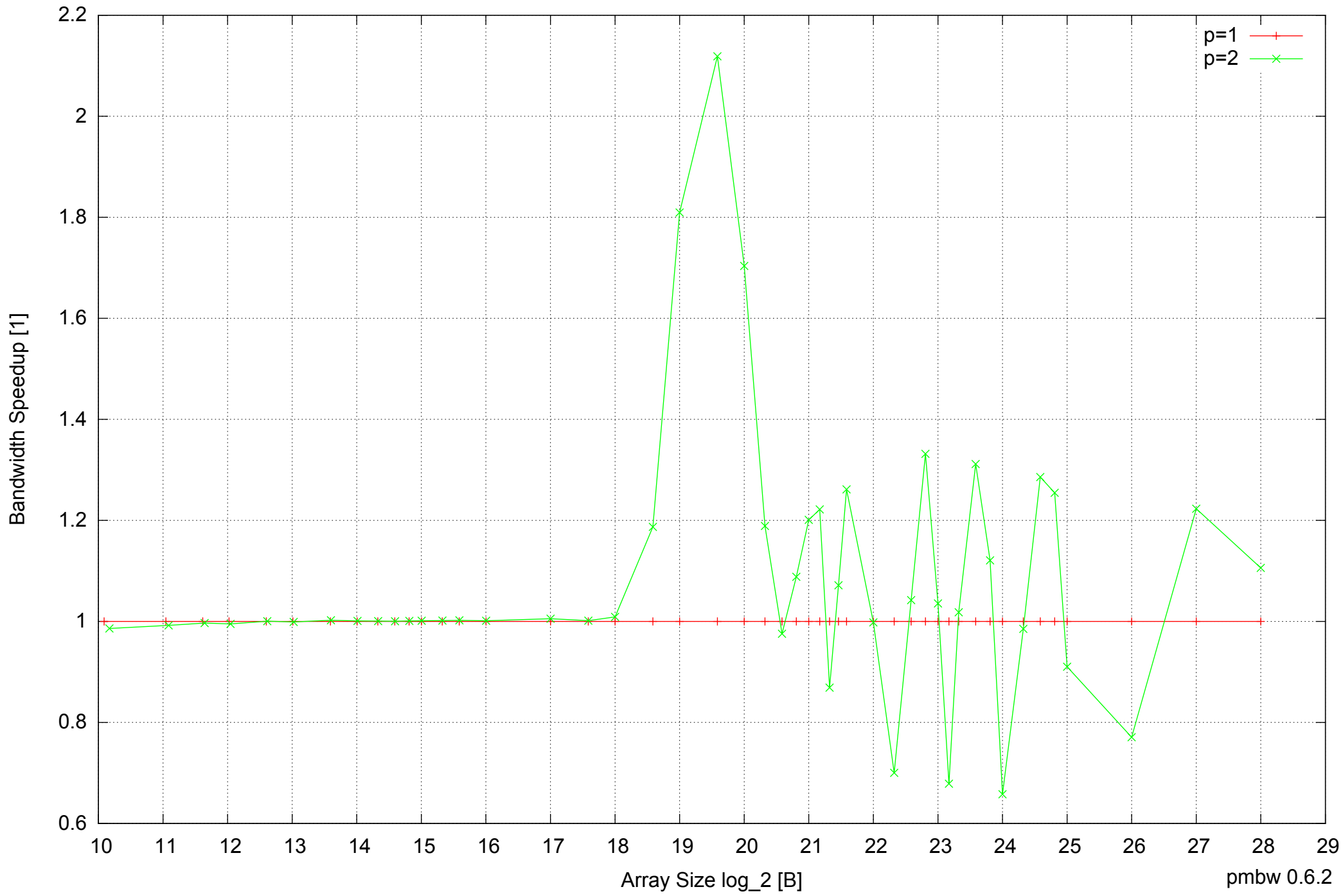
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead32IndexSimpleLoop



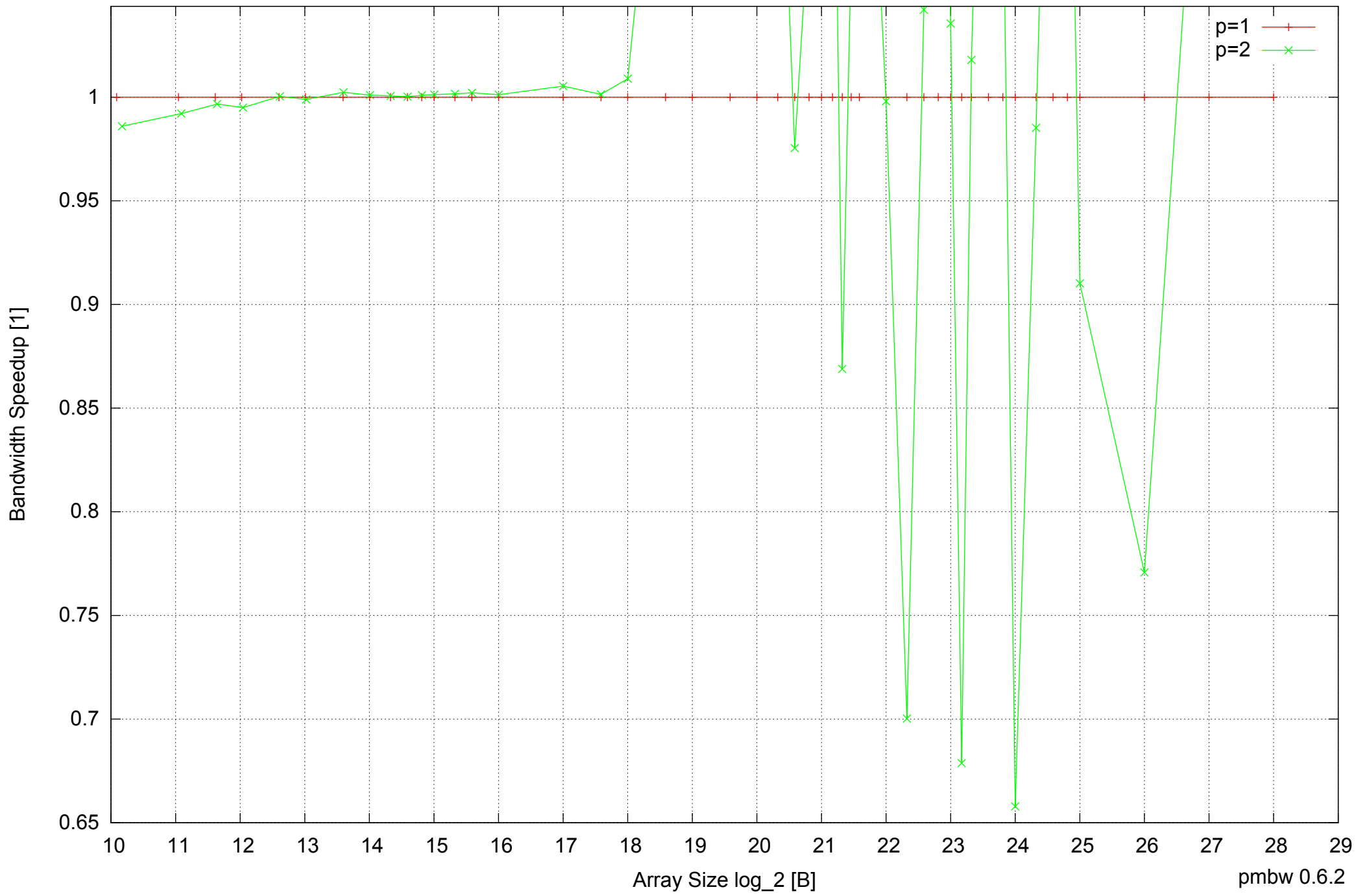
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead32IndexSimpleLoop



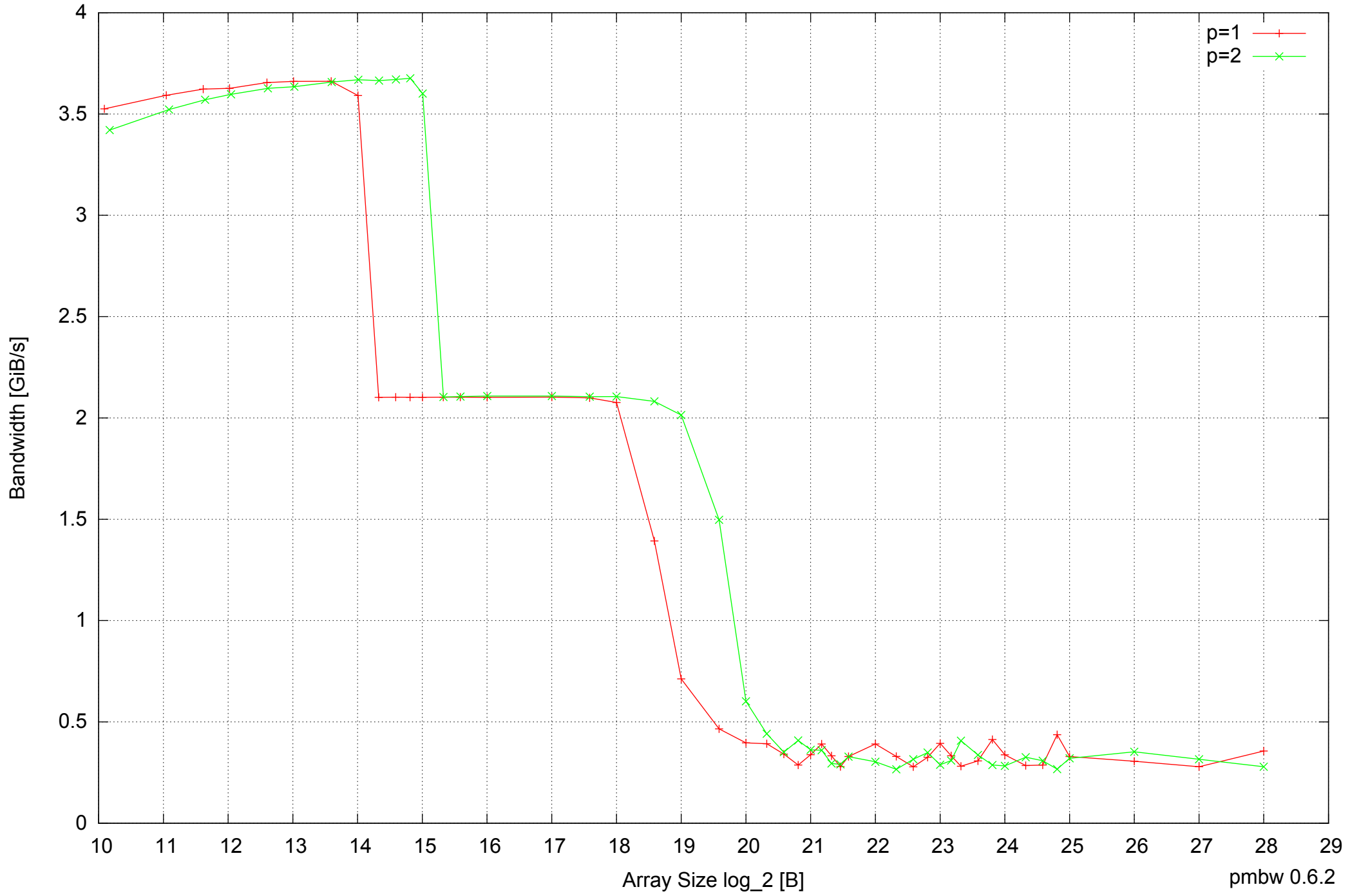
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead32IndexSimpleLoop



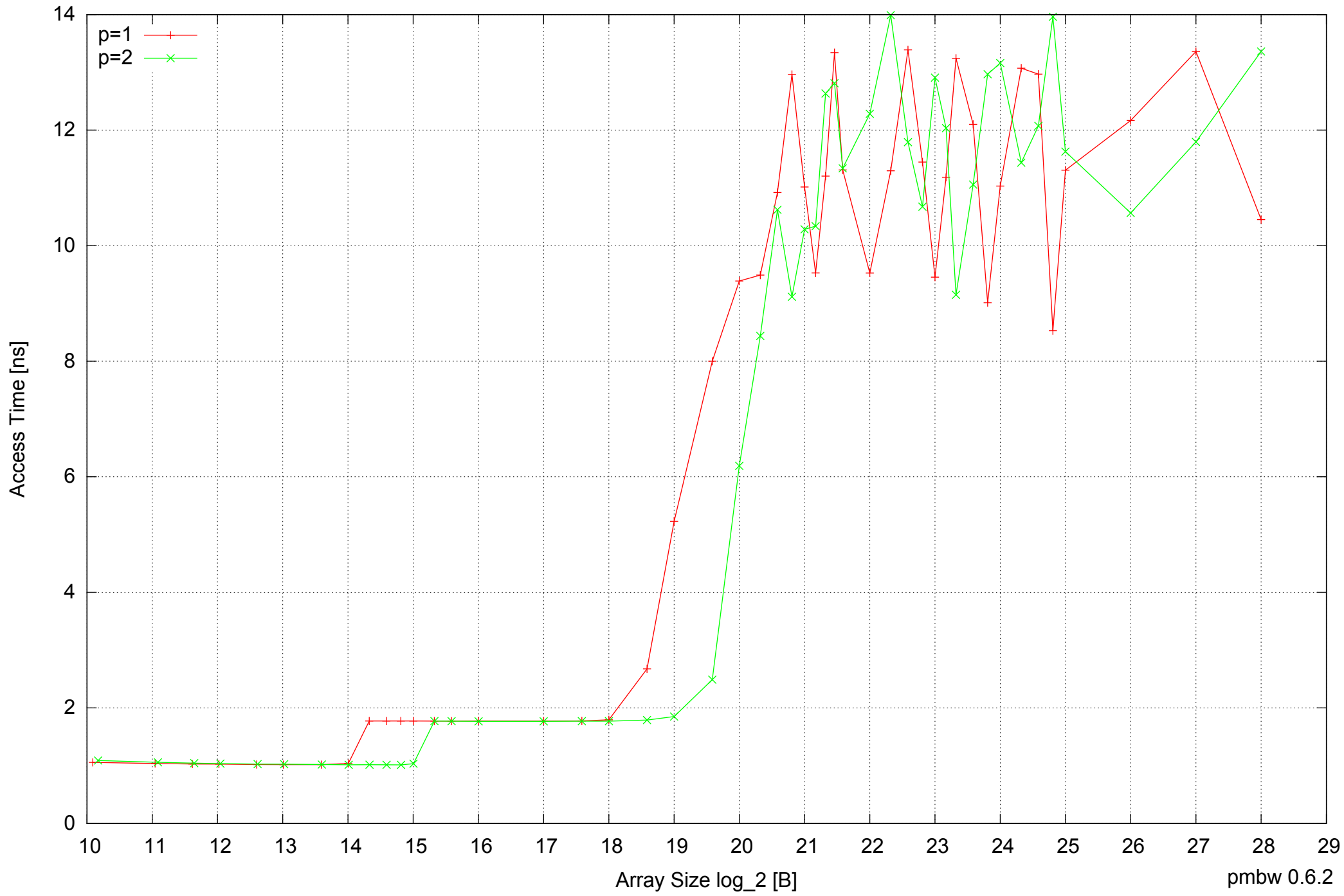
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32IndexSimpleLoop



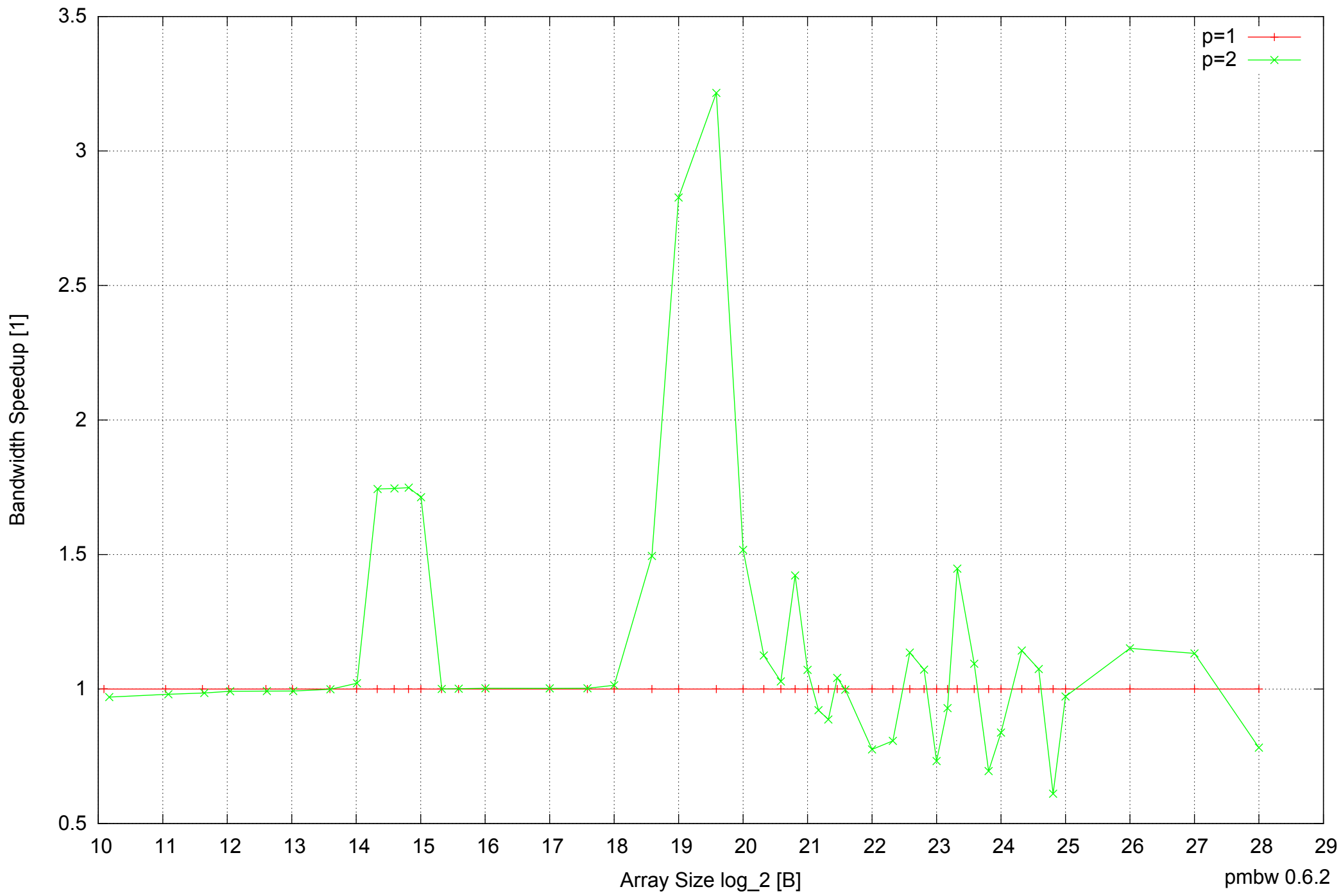
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead32IndexUnrollLoop



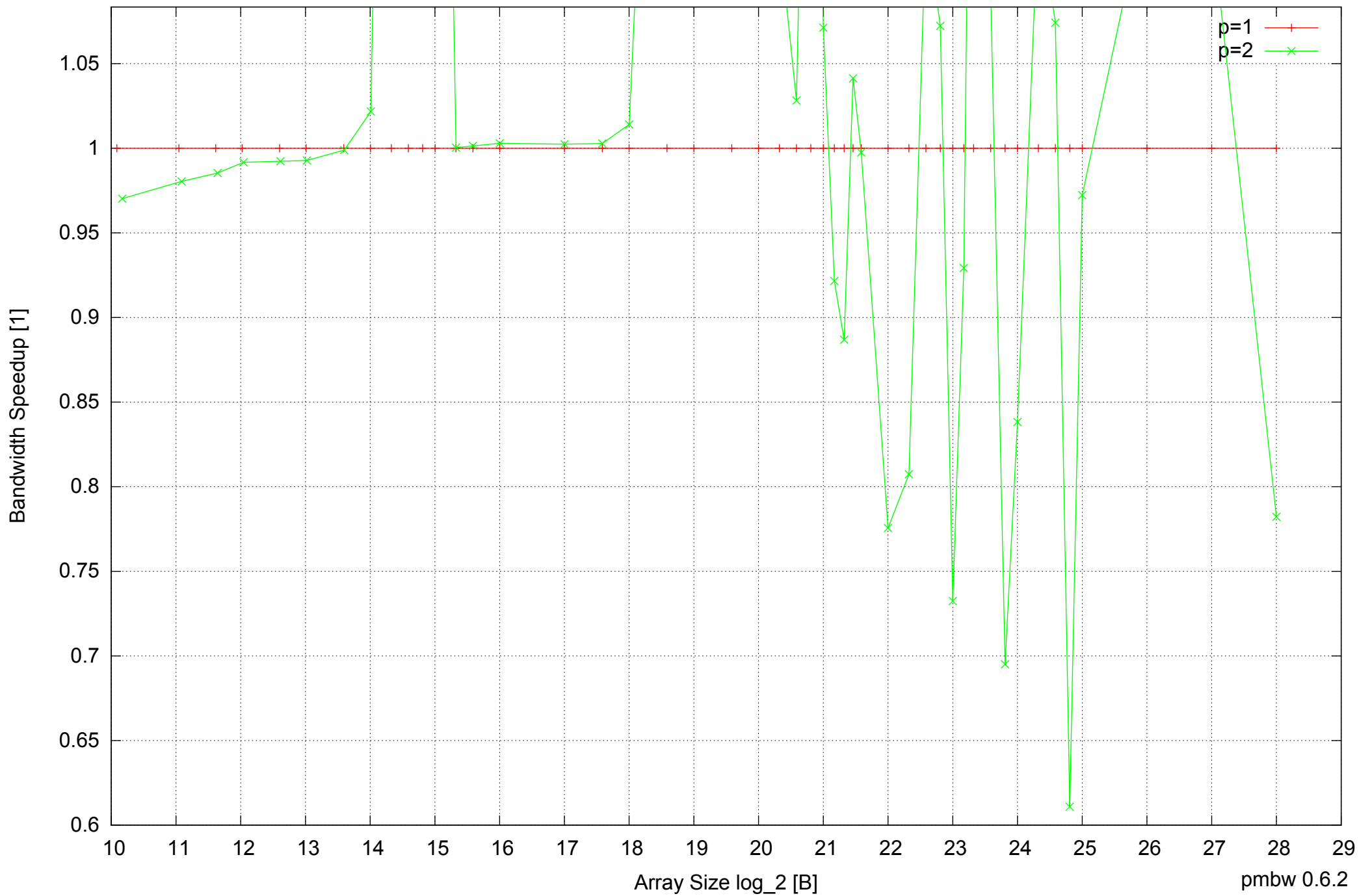
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead32IndexUnrollLoop



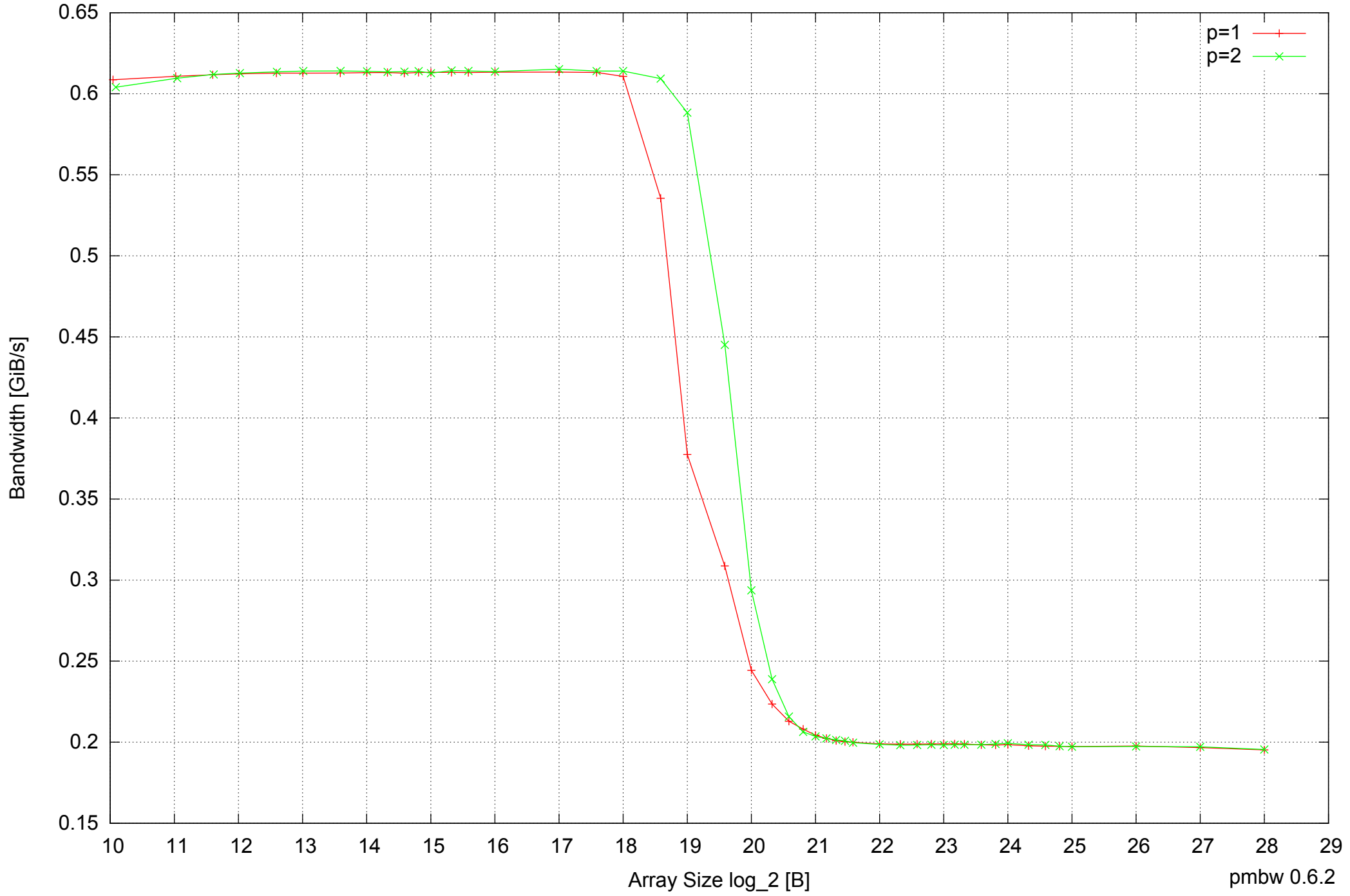
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead32IndexUnrollLoop



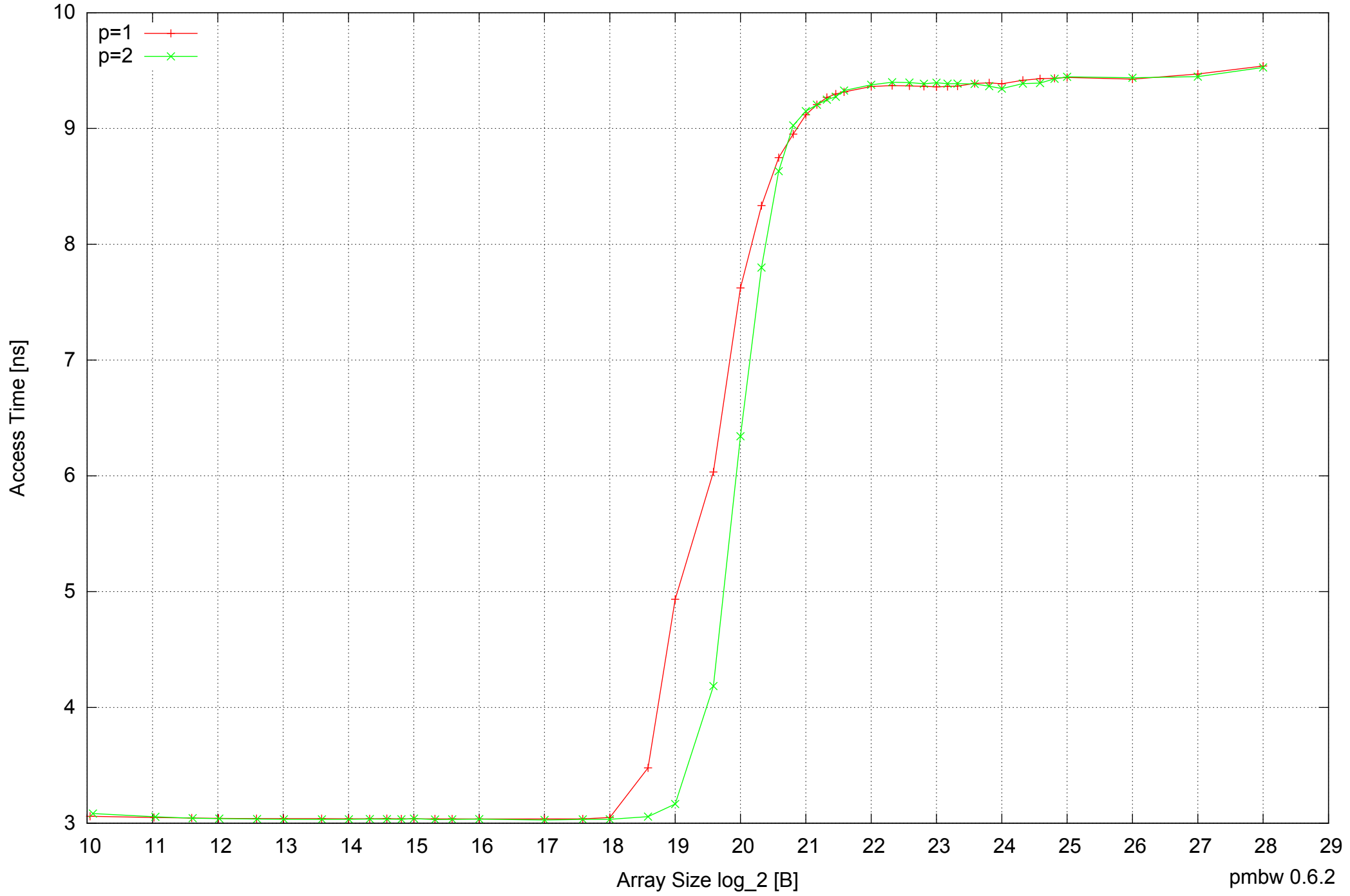
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32IndexUnrollLoop



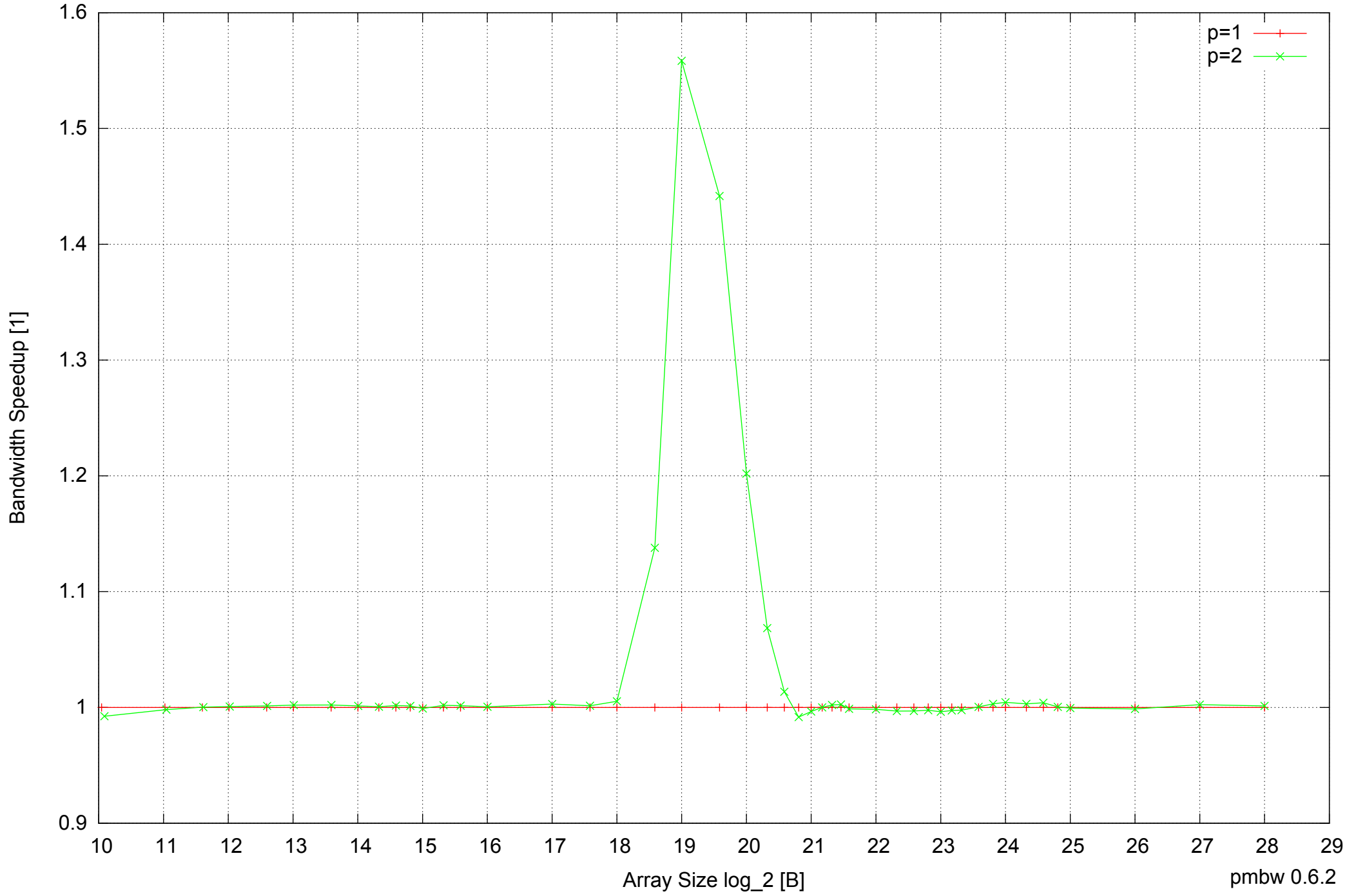
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite16PtrSimpleLoop



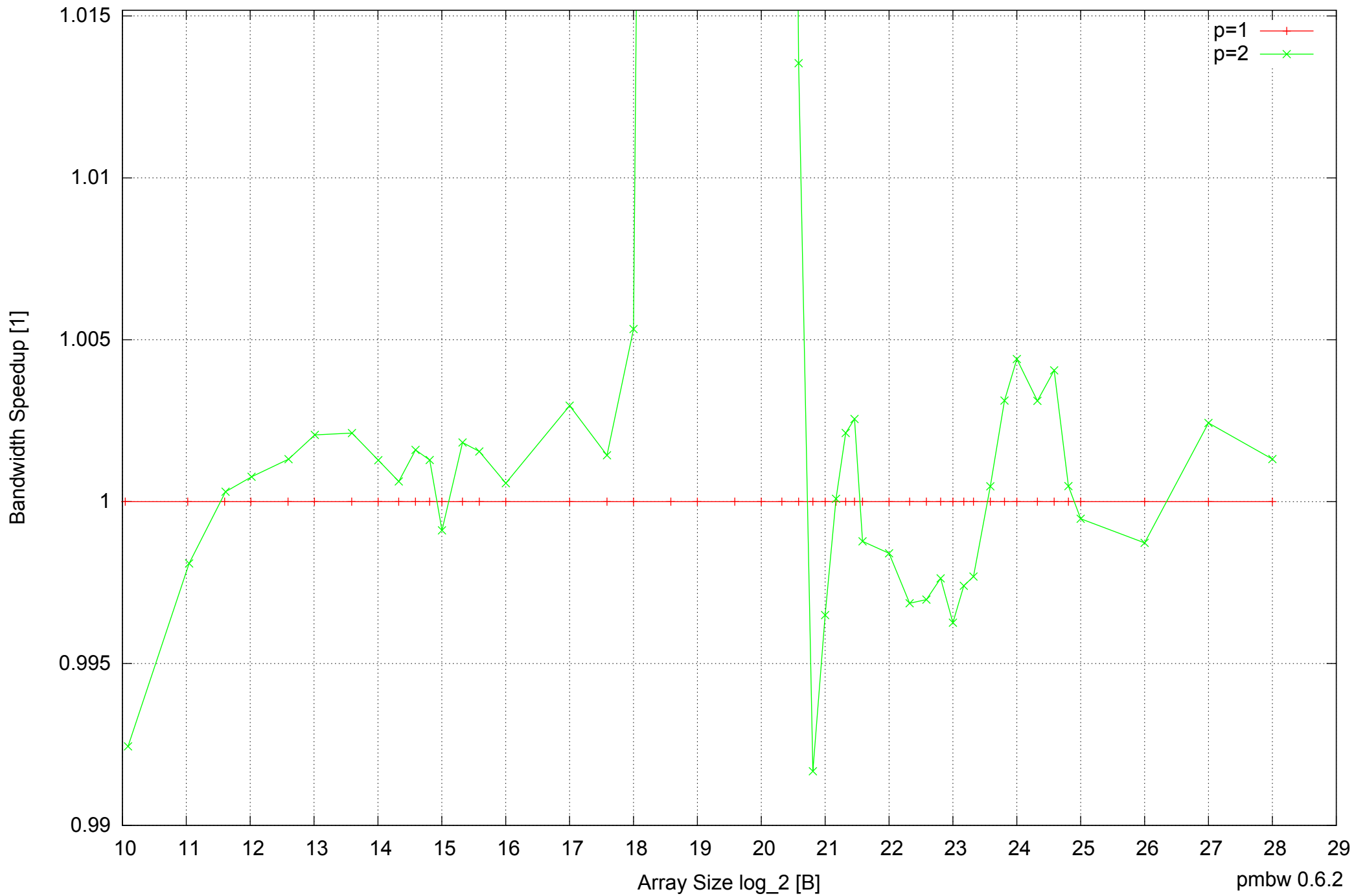
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite16PtrSimpleLoop



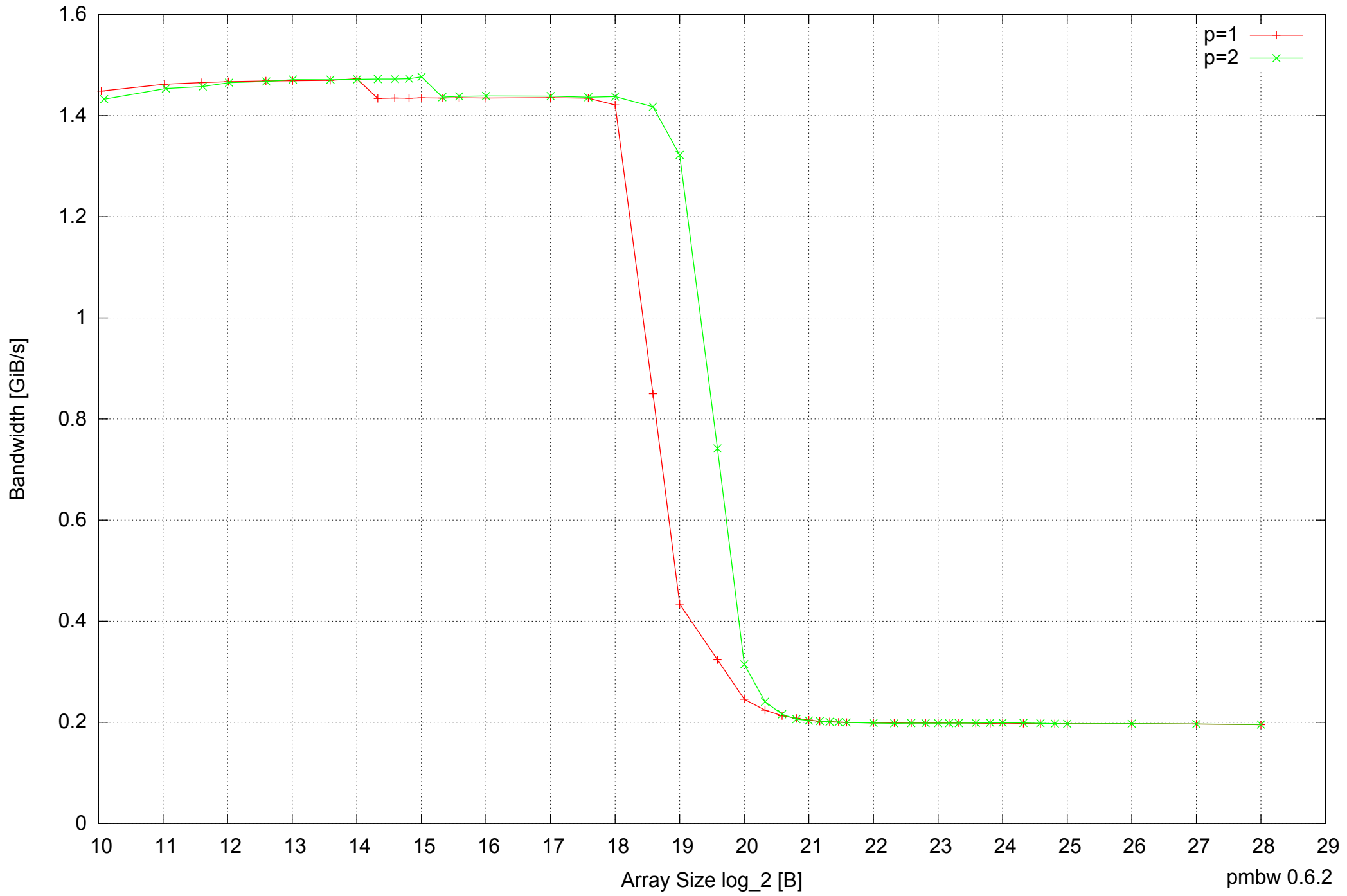
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite16PtrSimpleLoop



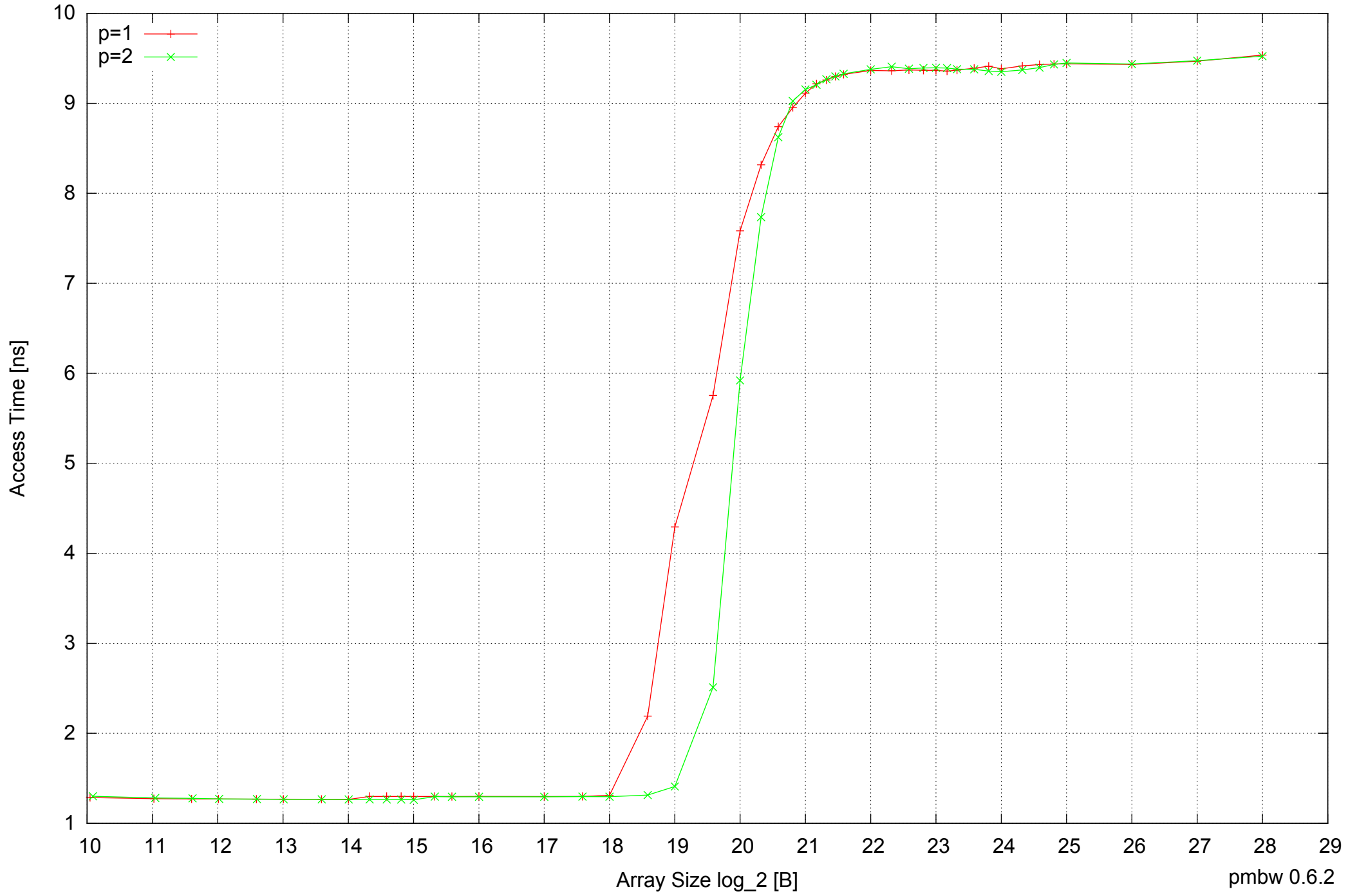
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite16PtrSimpleLoop



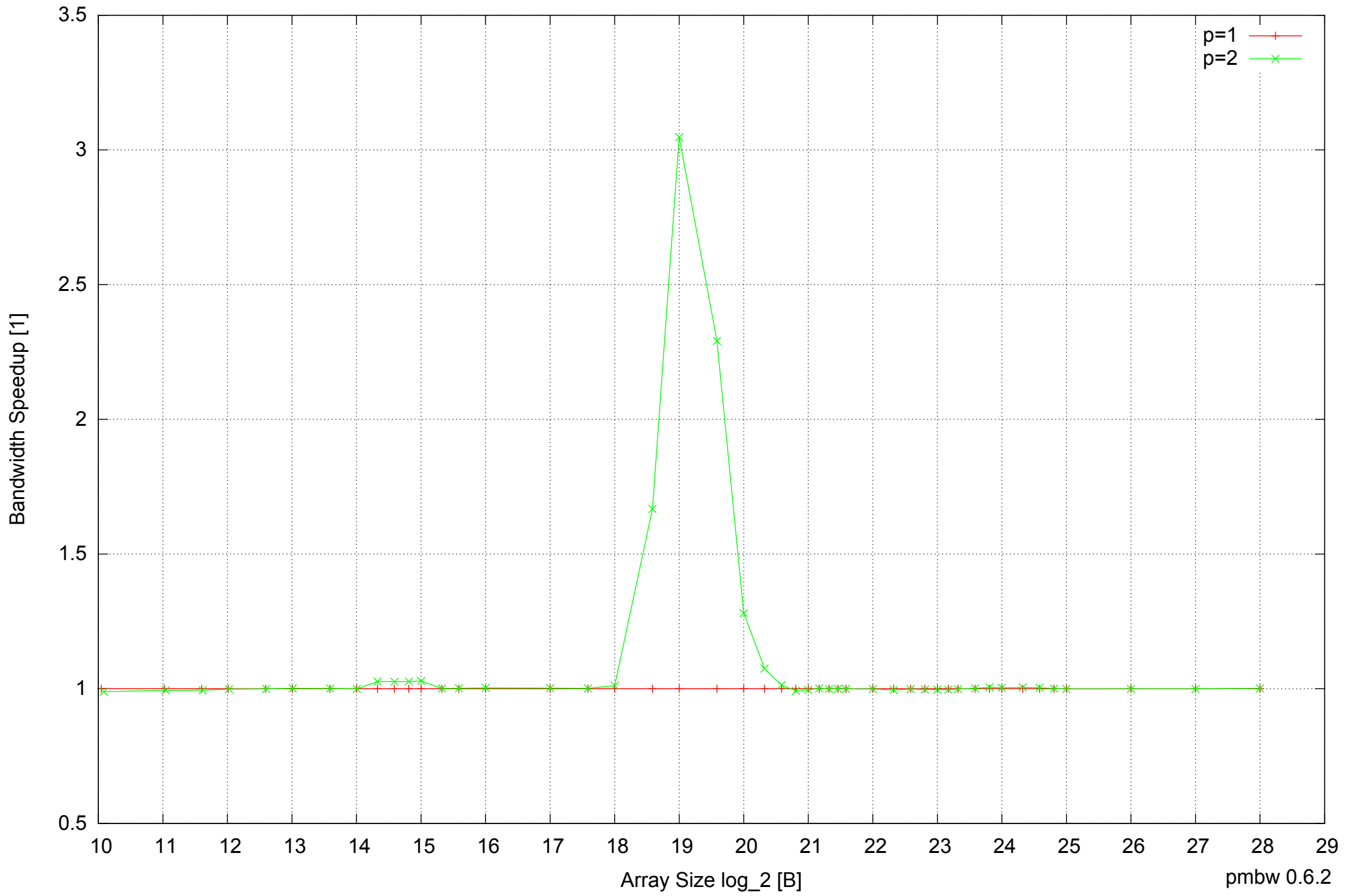
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanWrite16PtrUnrollLoop



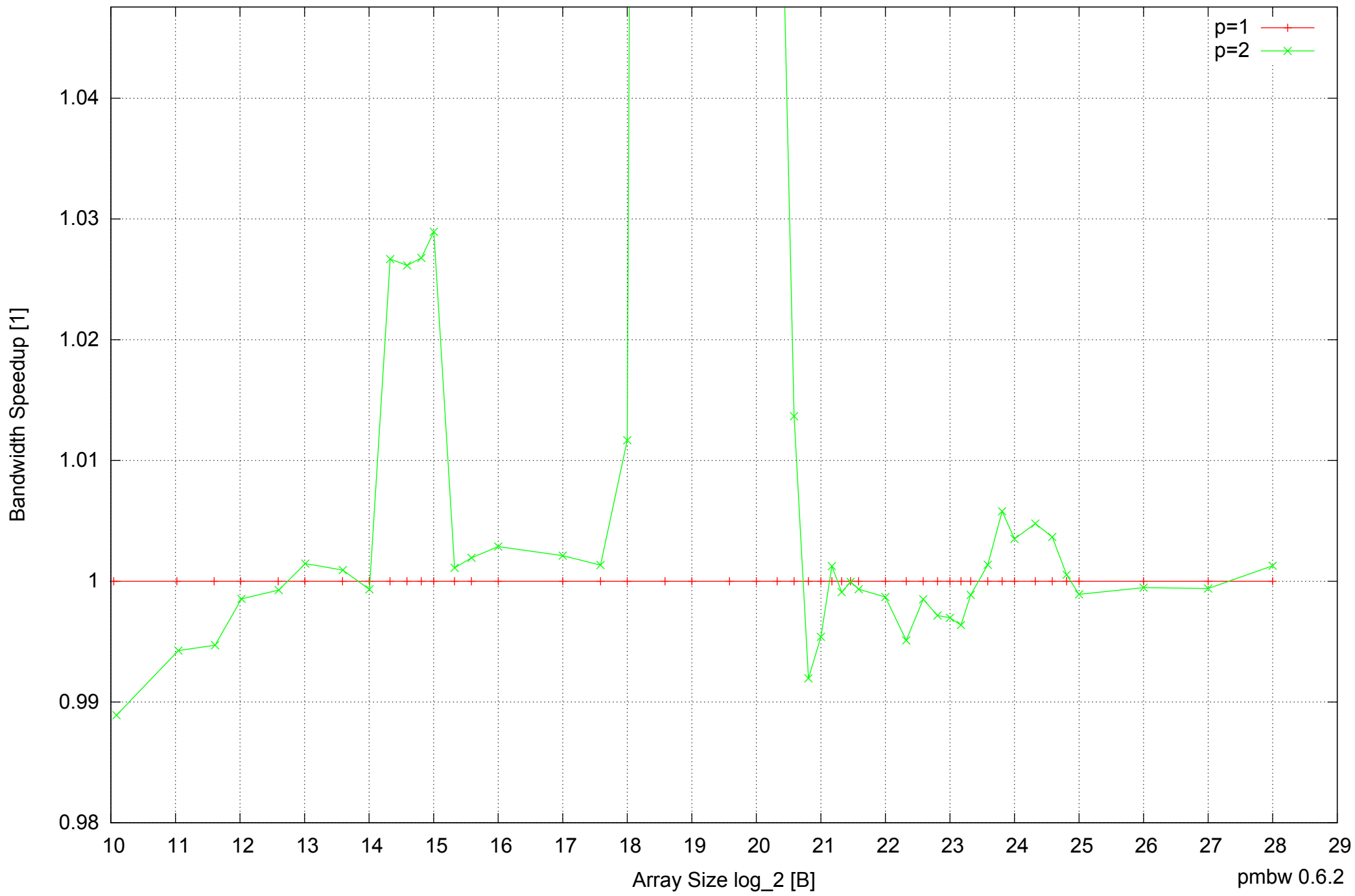
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanWrite16PtrUnrollLoop



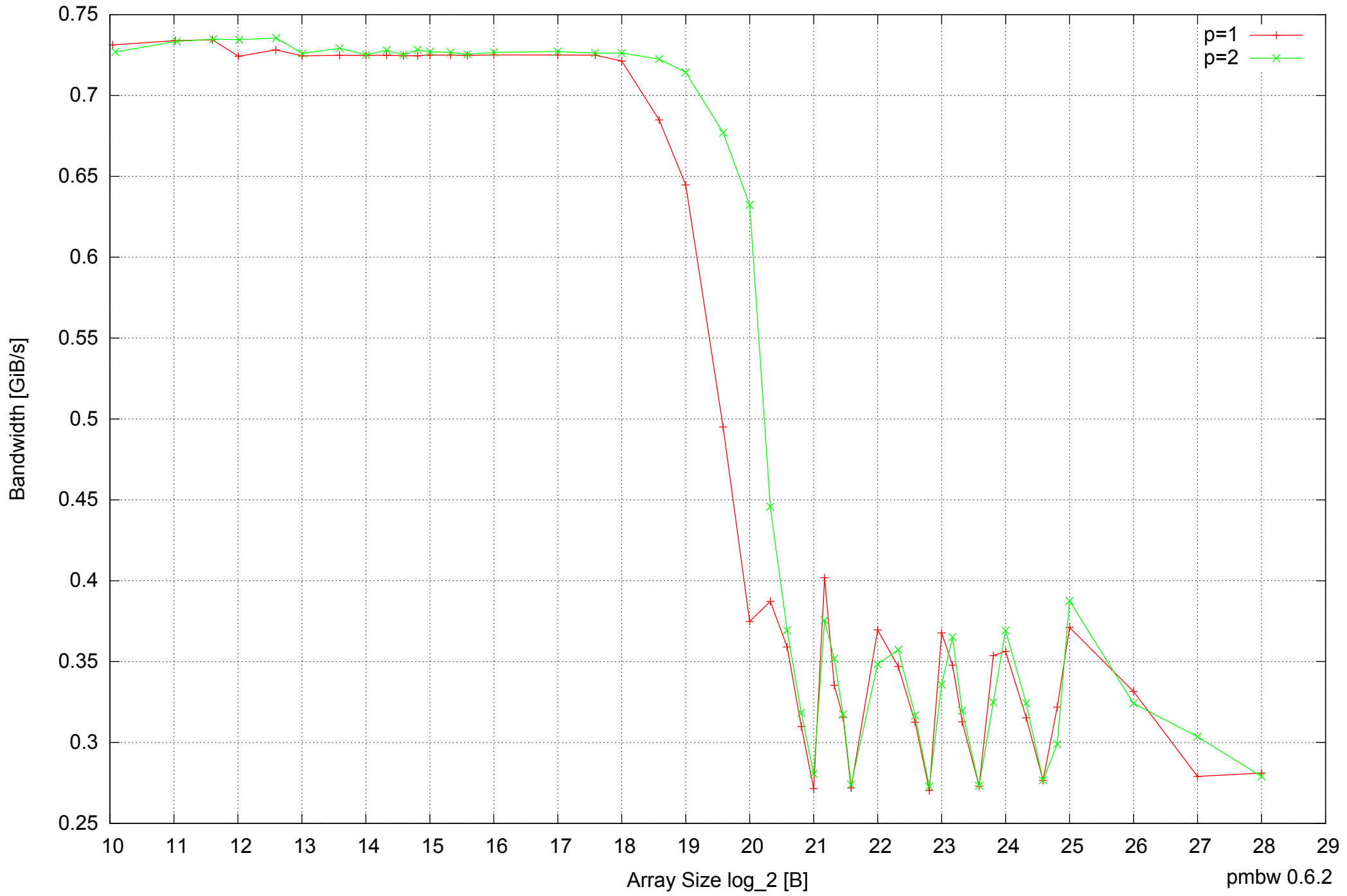
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanWrite16PtrUnrollLoop



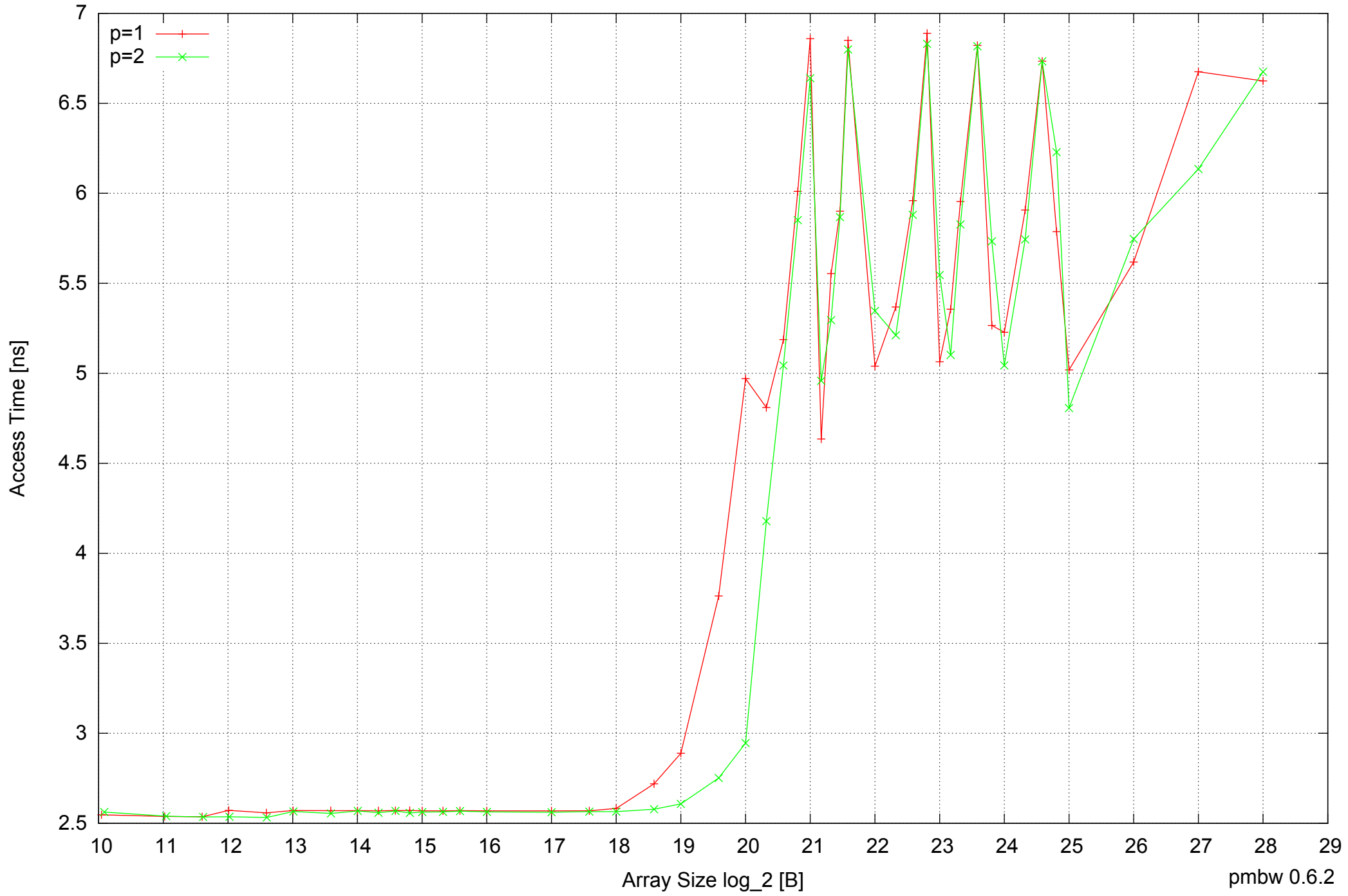
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite16PtrUnrollLoop



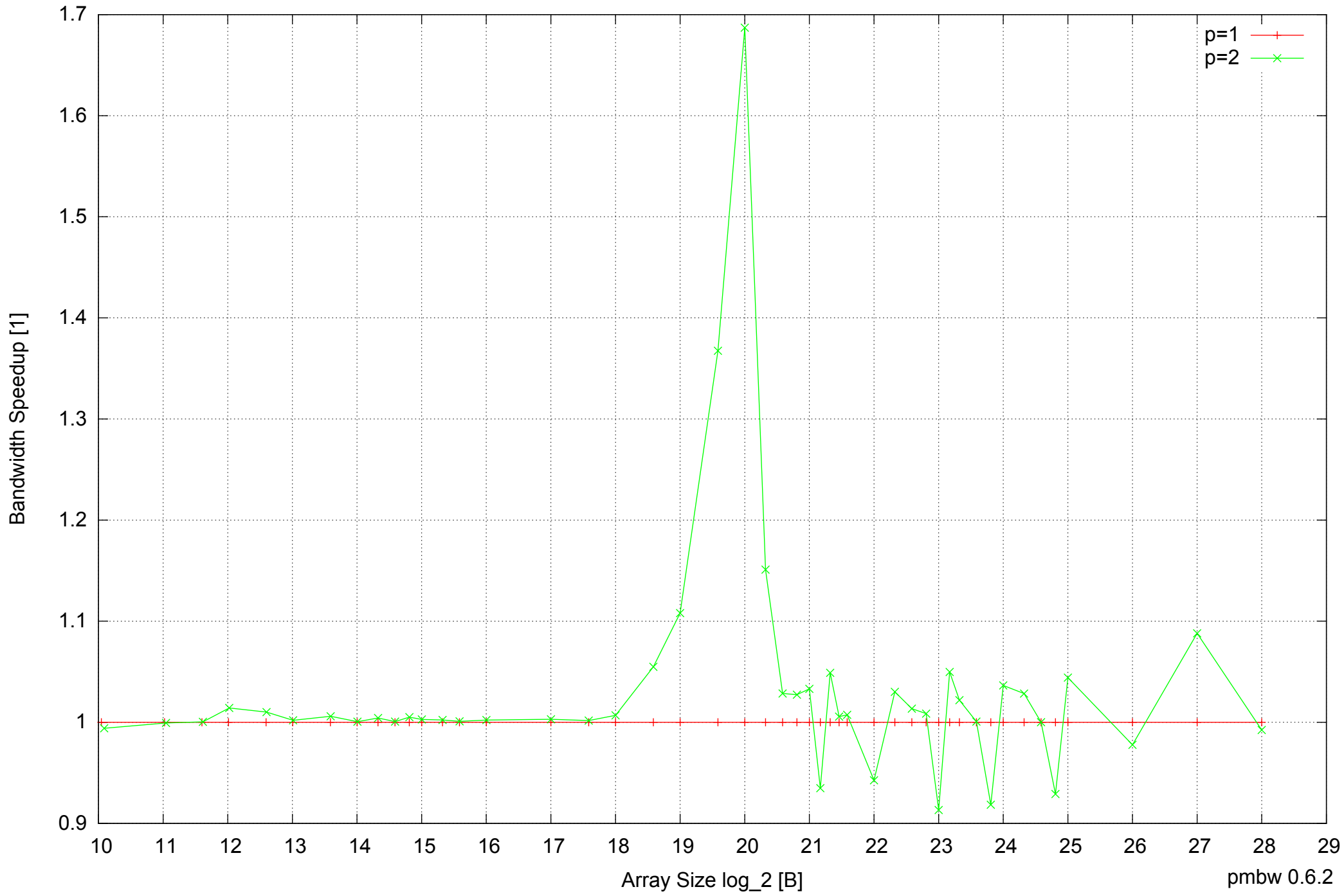
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead16PtrSimpleLoop



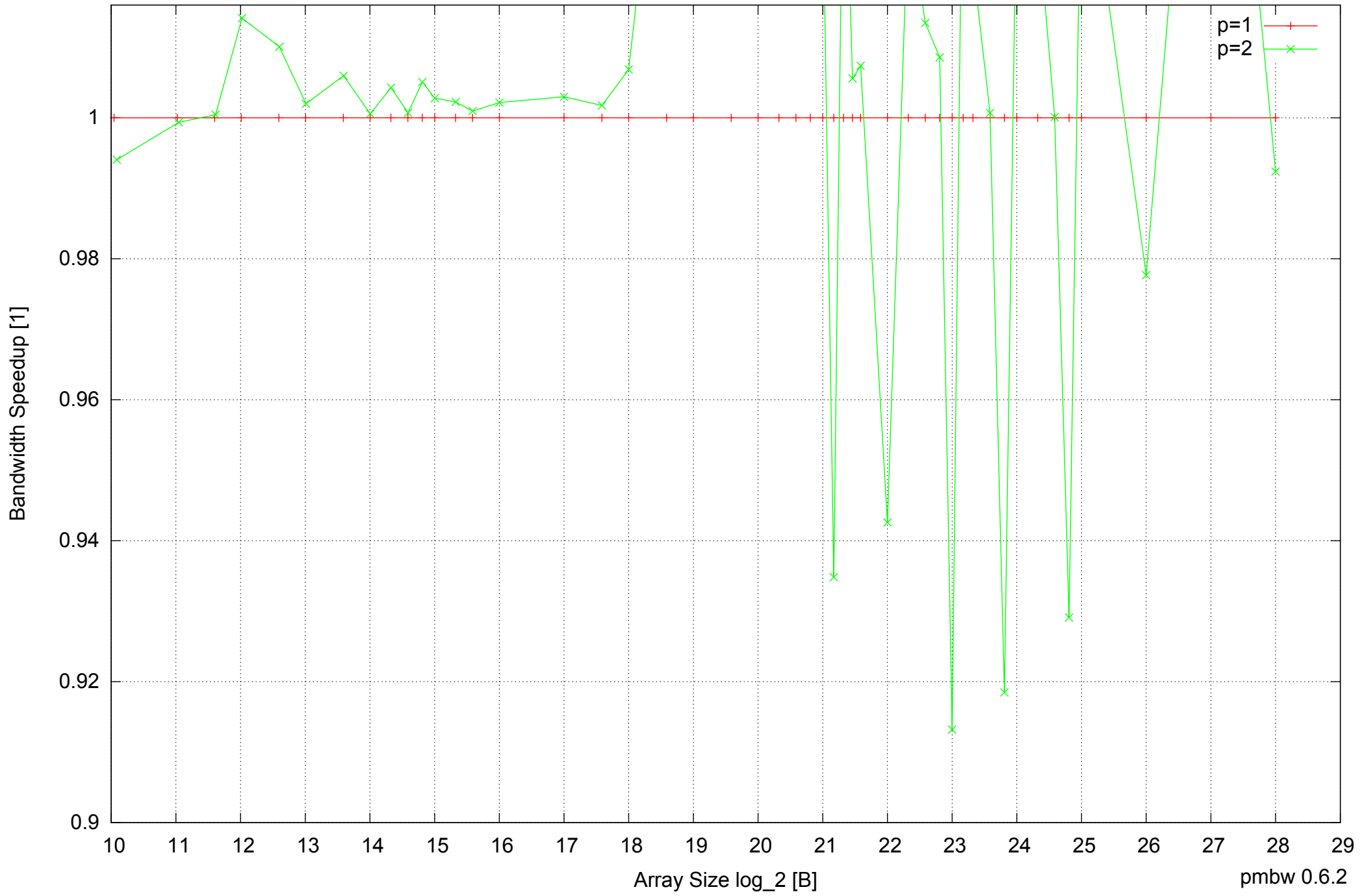
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead16PtrSimpleLoop



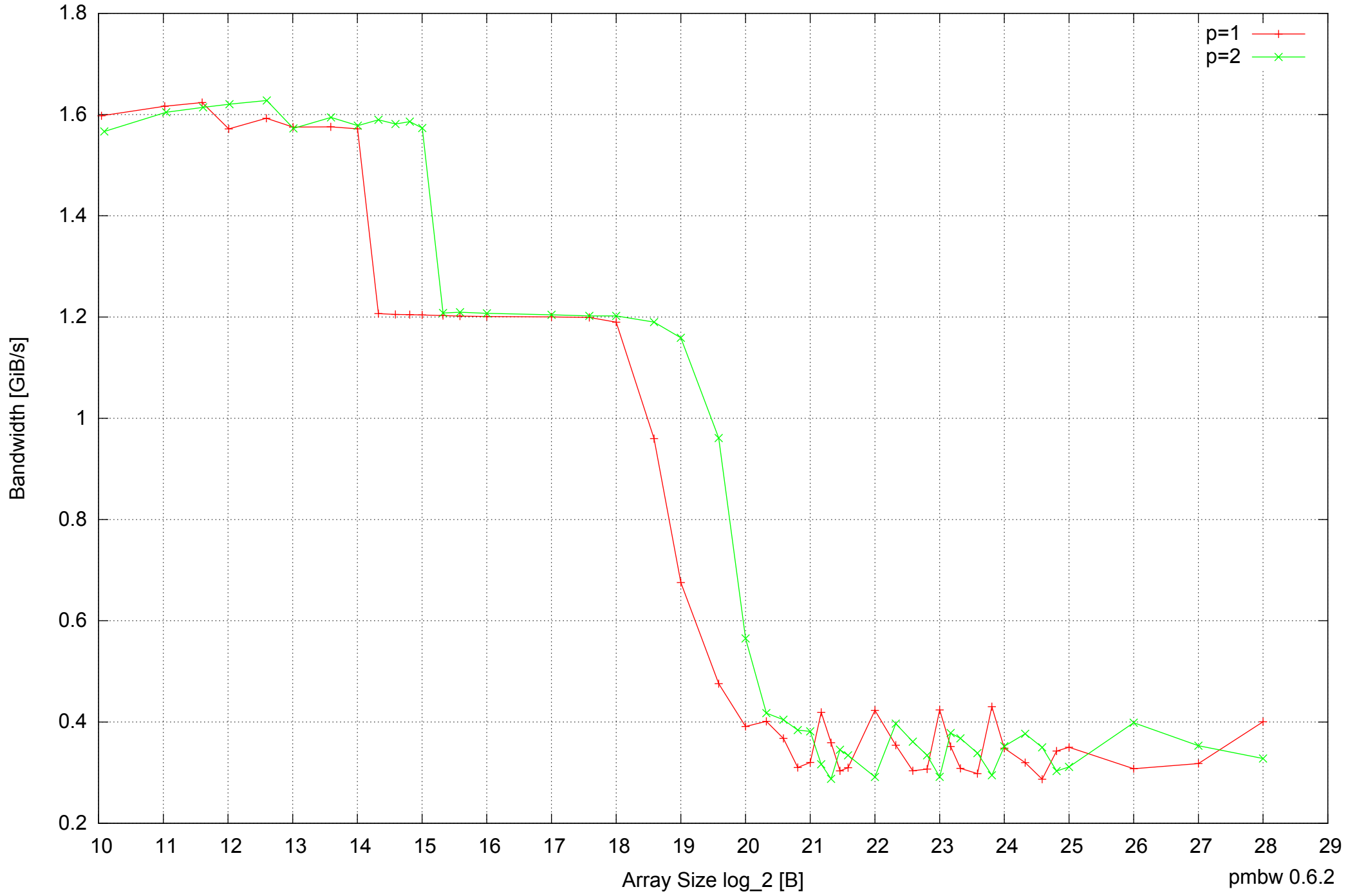
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead16PtrSimpleLoop



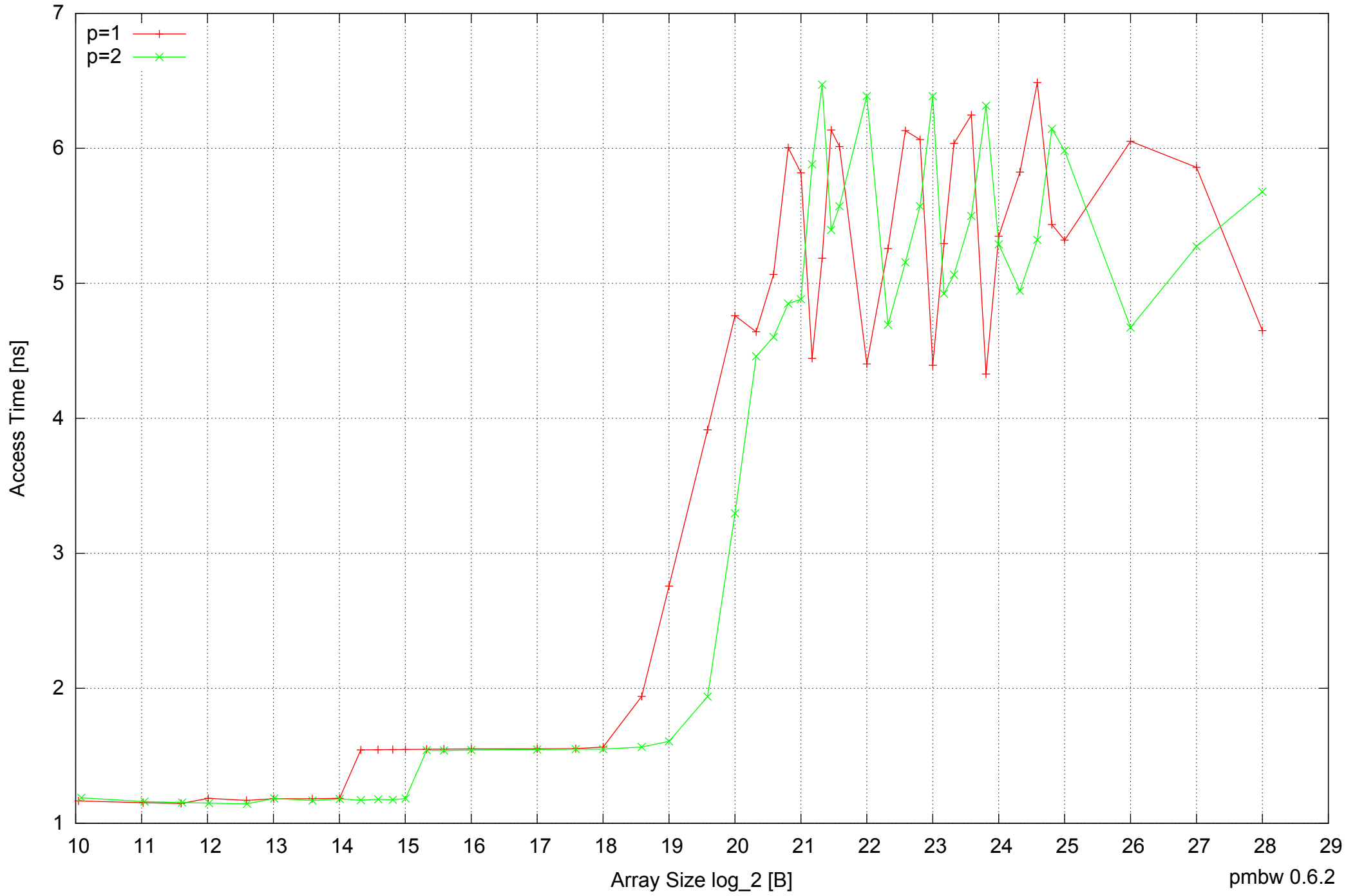
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead16PtrSimpleLoop



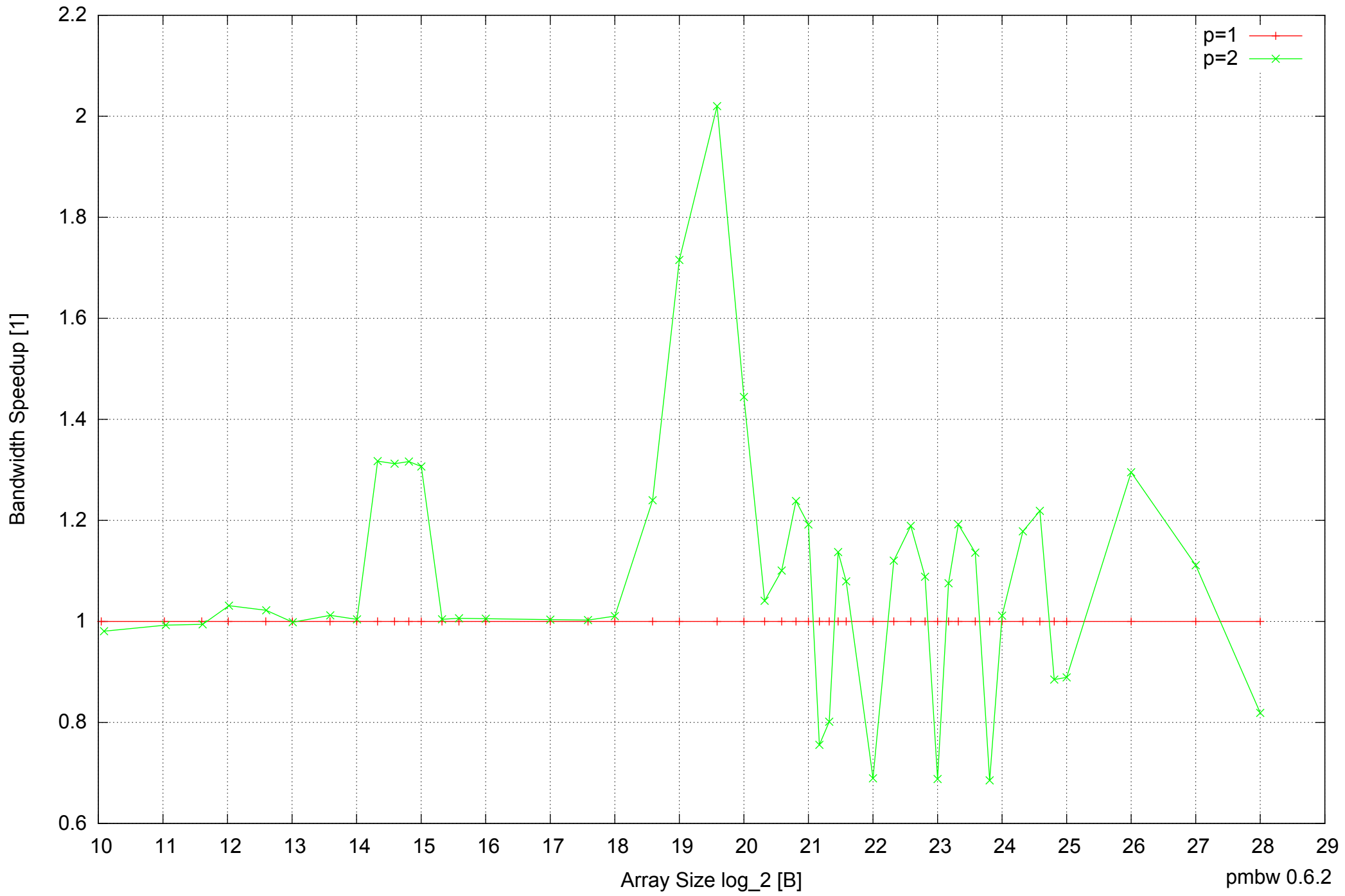
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - ScanRead16PtrUnrollLoop



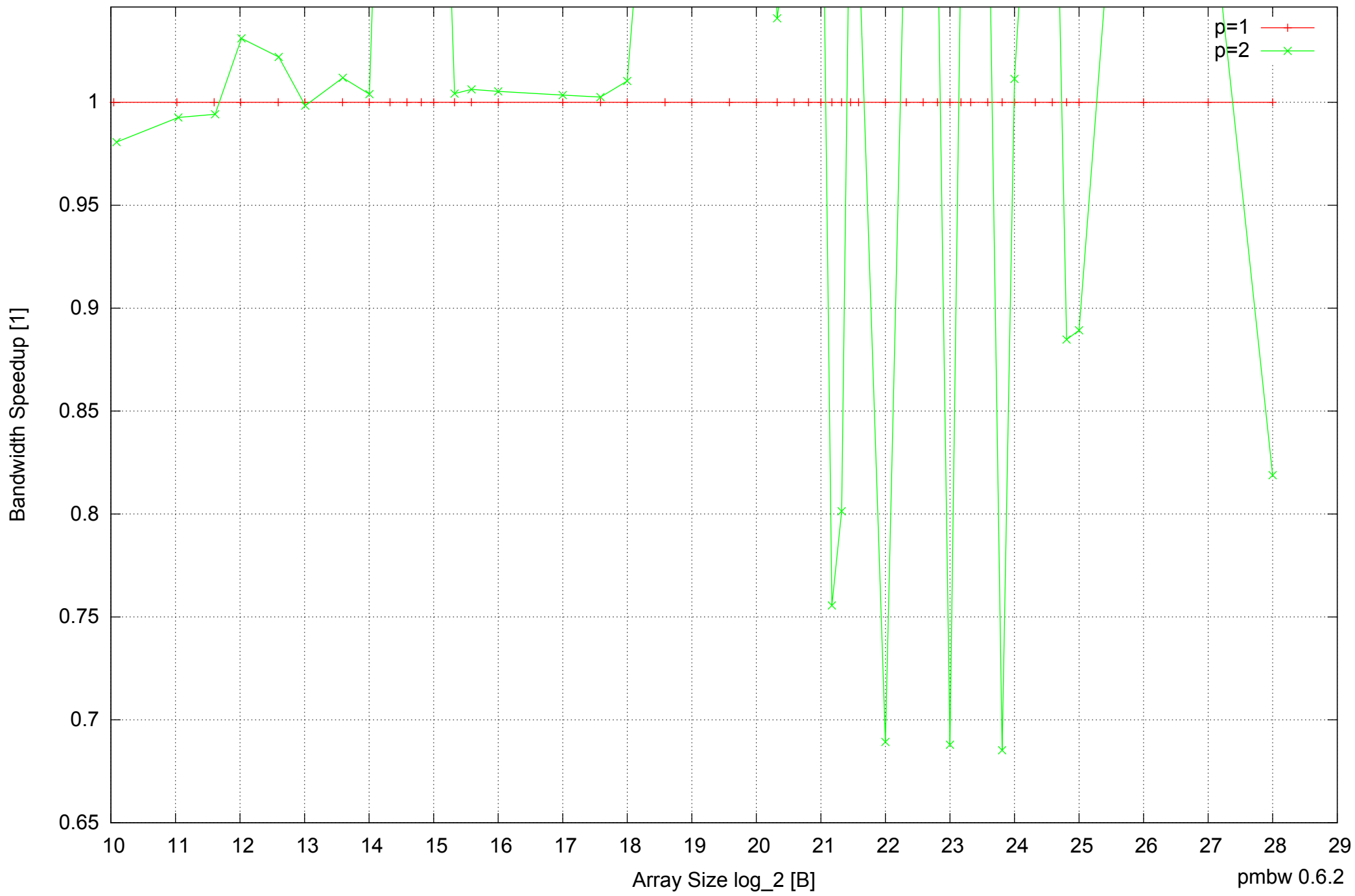
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - ScanRead16PtrUnrollLoop



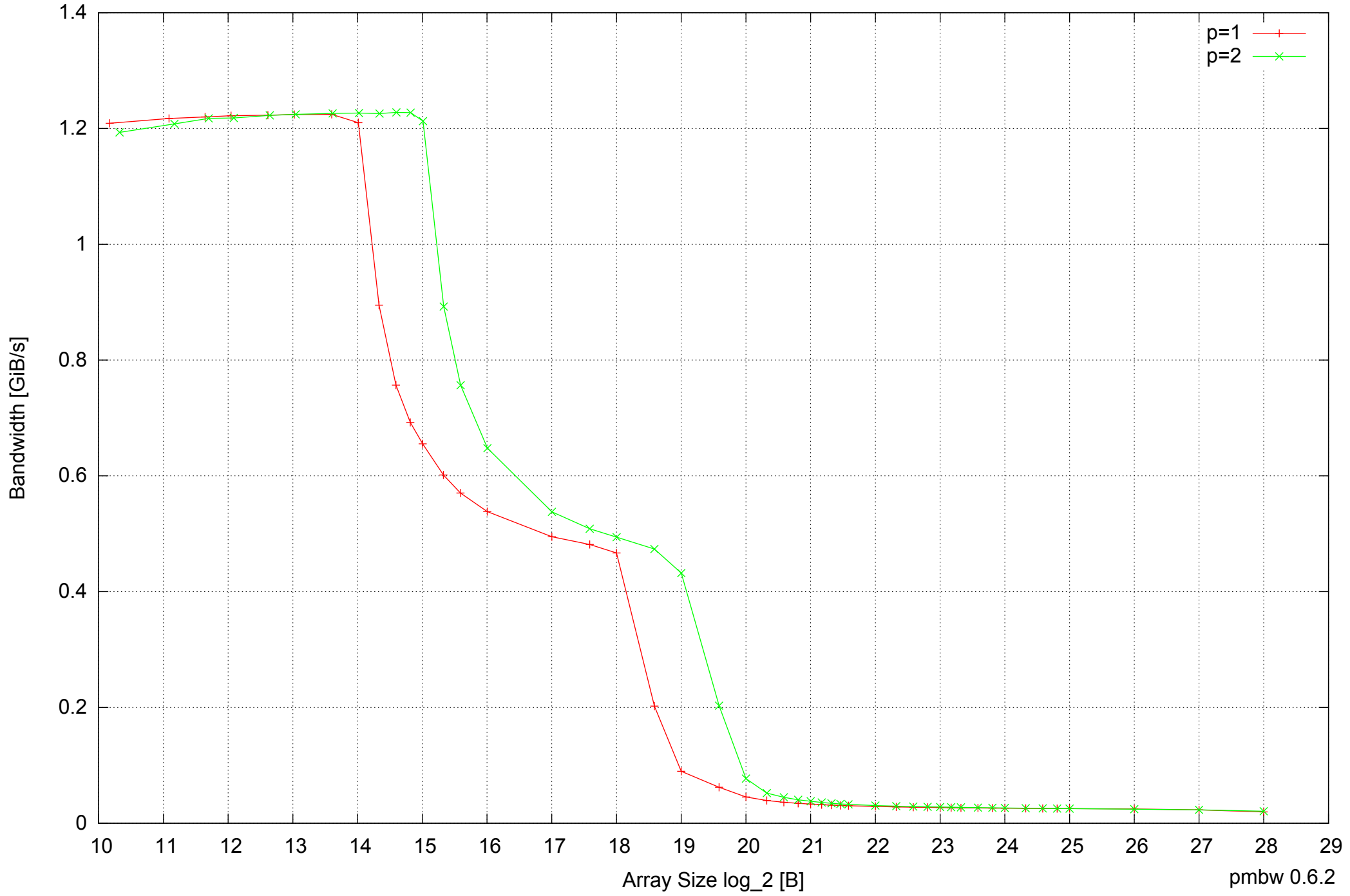
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - ScanRead16PtrUnrollLoop



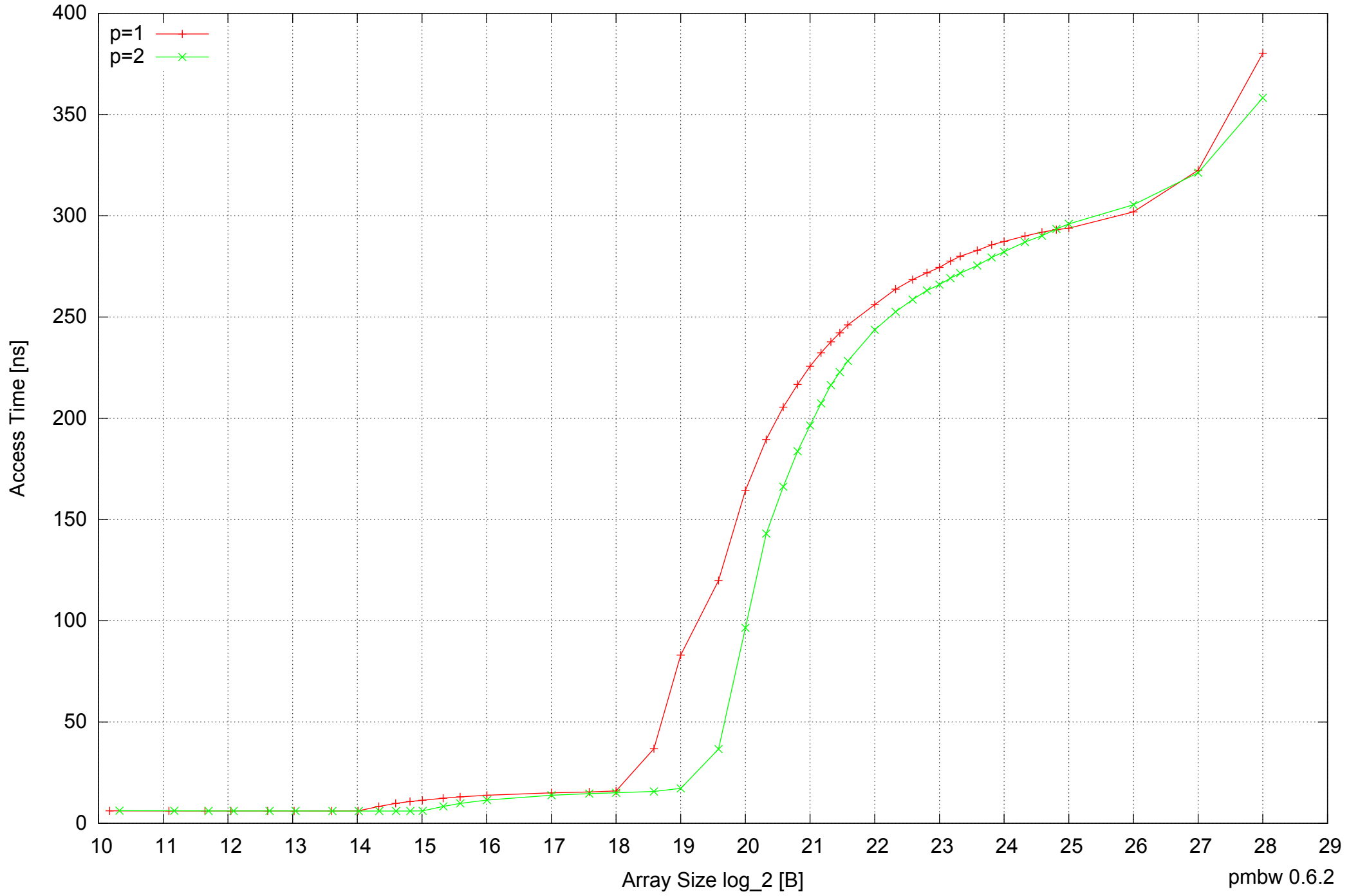
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead16PtrUnrollLoop



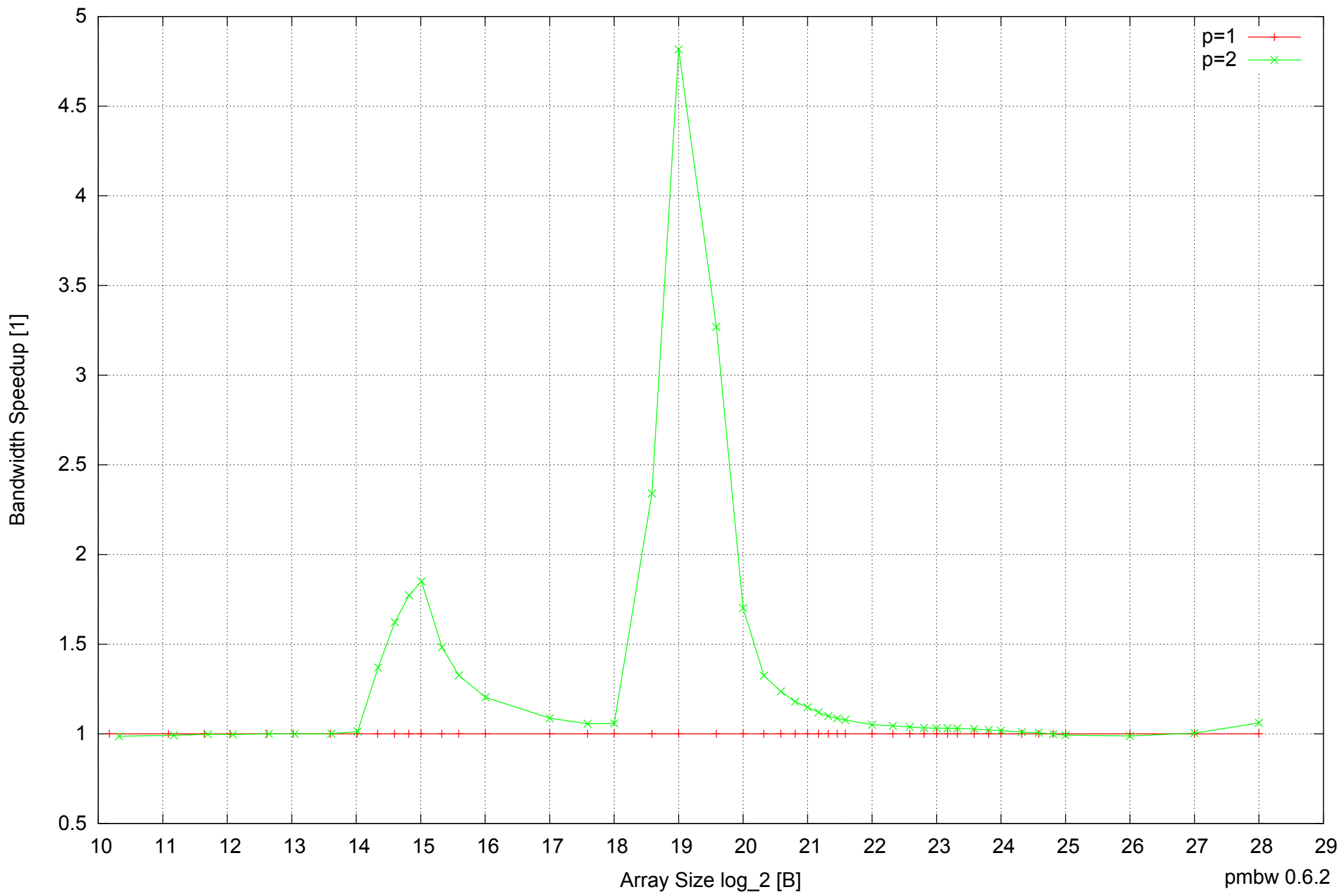
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - PermRead32SimpleLoop



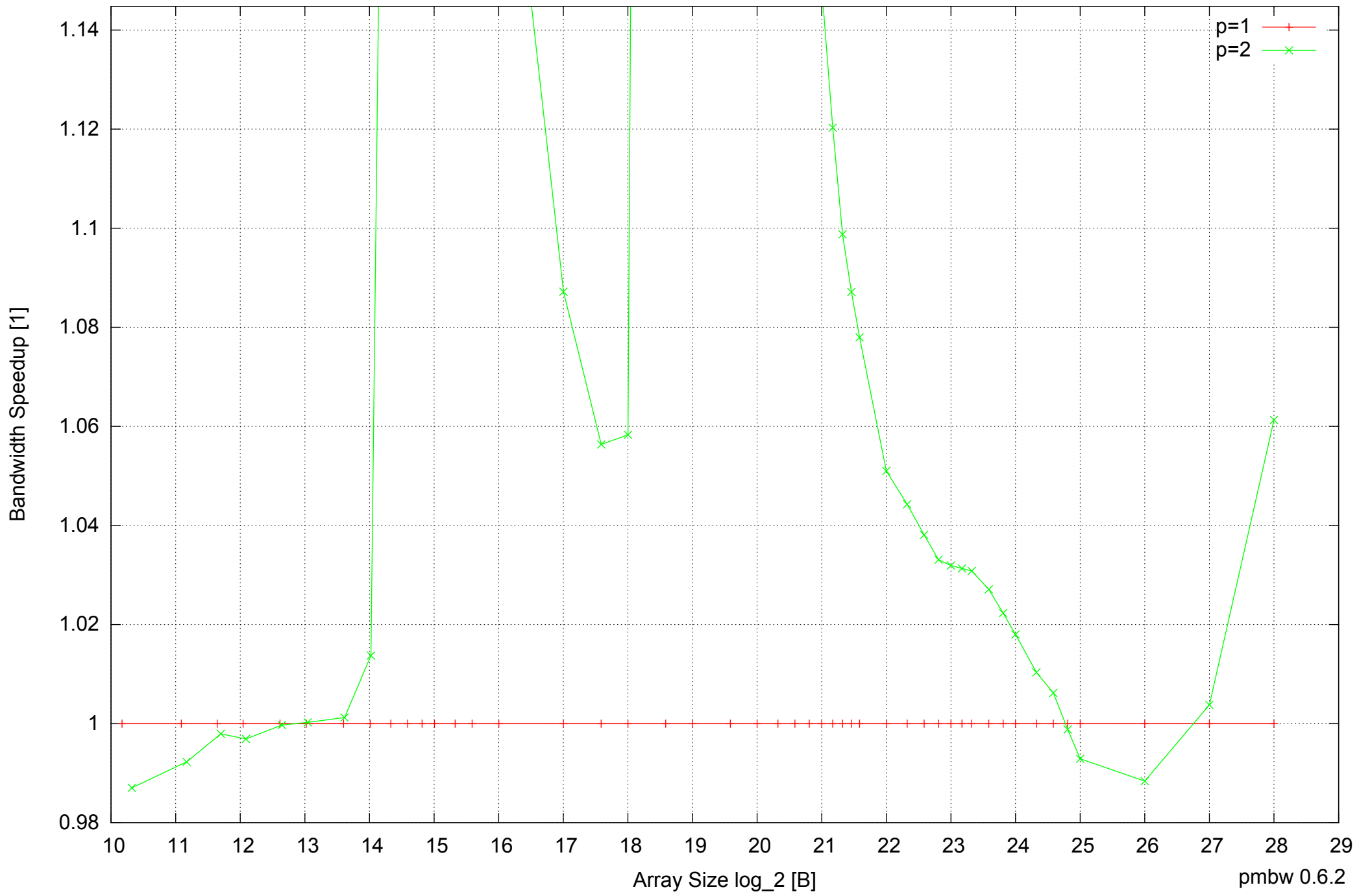
Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - PermRead32SimpleLoop



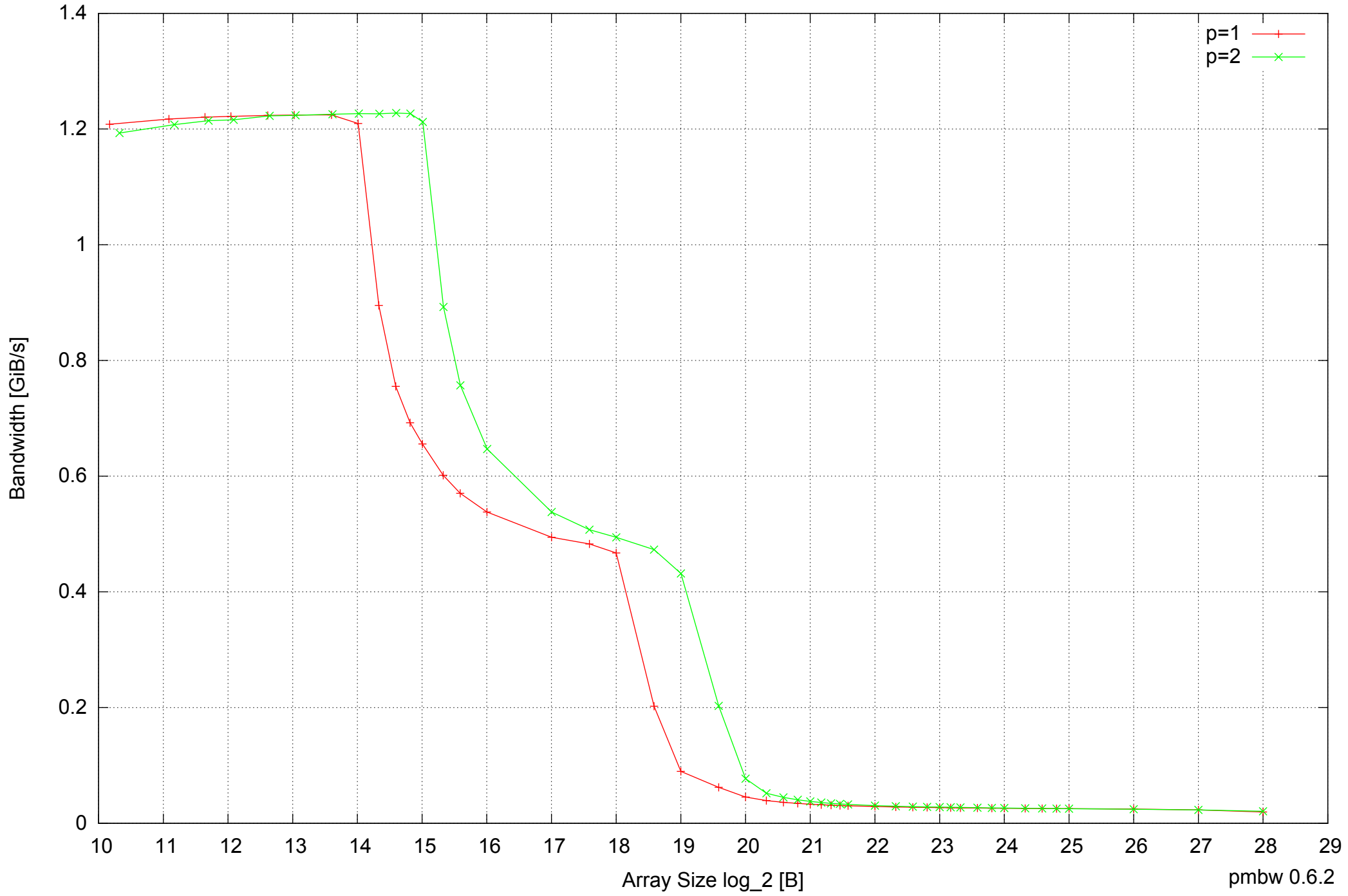
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - PermRead32SimpleLoop



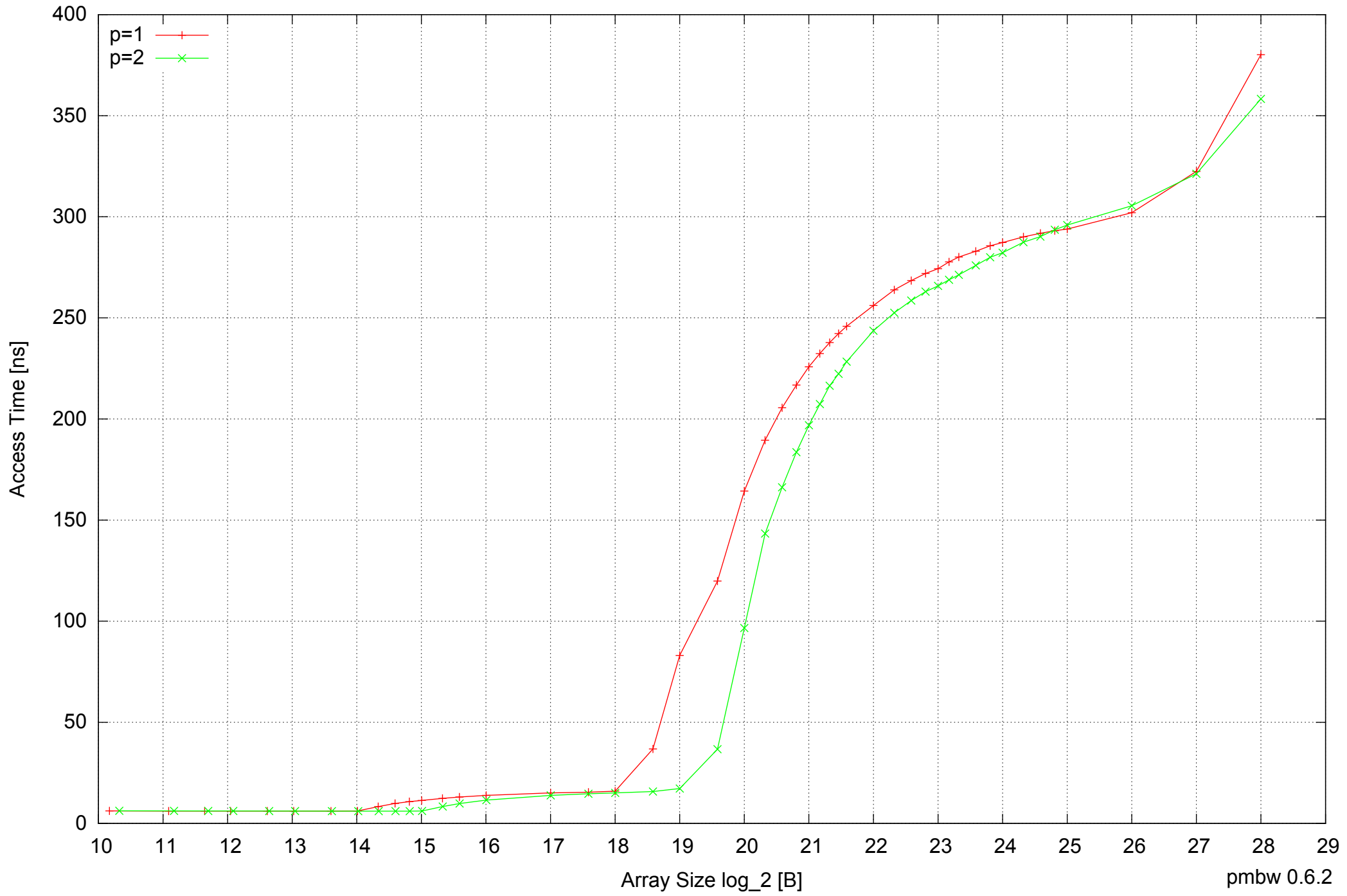
Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead32SimpleLoop



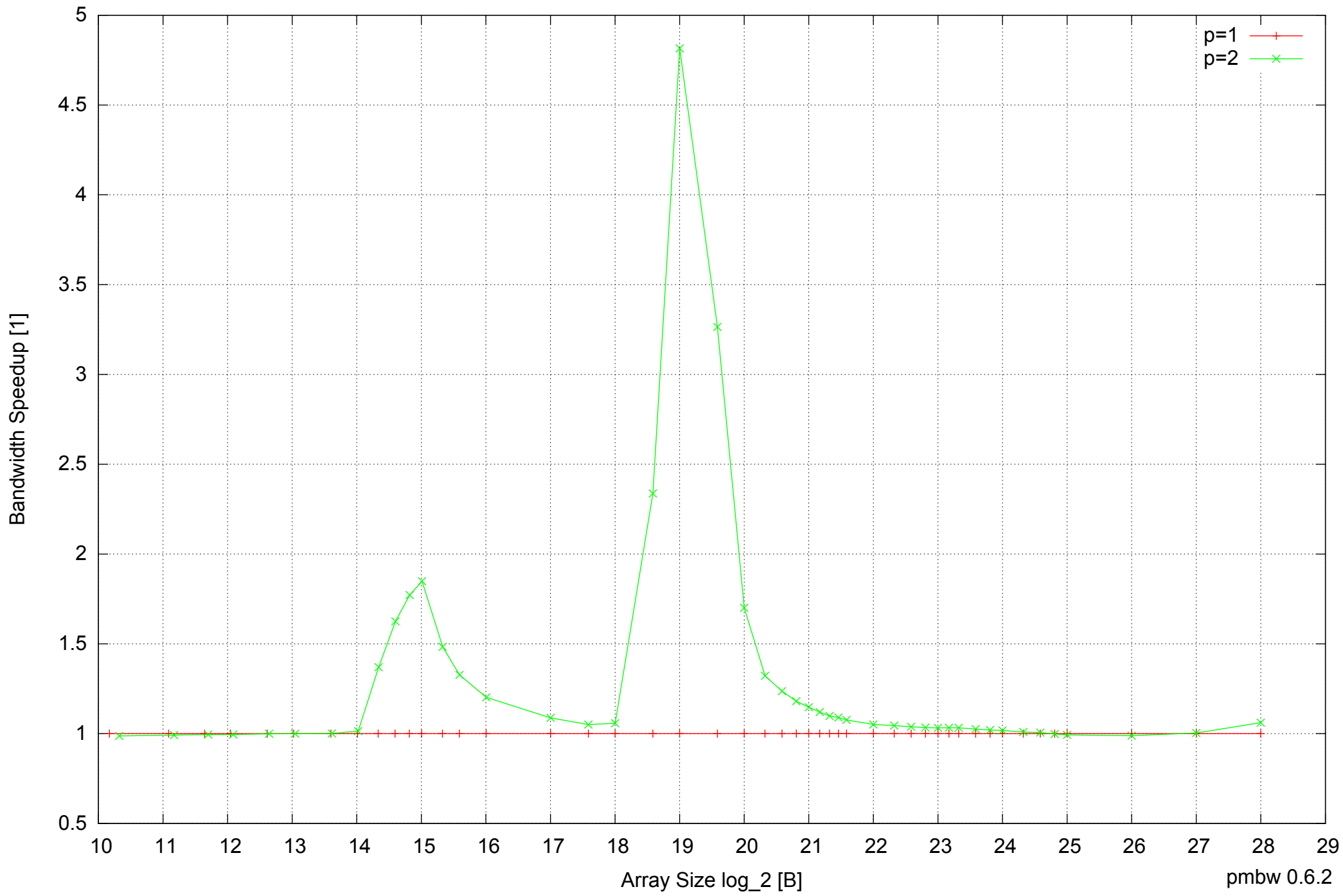
Intel Mobile Pentium III-M 512MB - Parallel Memory Bandwidth - PermRead32UnrollLoop



Intel Mobile Pentium III-M 512MB - Parallel Memory Access Time - PermRead32UnrollLoop



Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth - PermRead32UnrollLoop



Intel Mobile Pentium III-M 512MB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead32UnrollLoop

