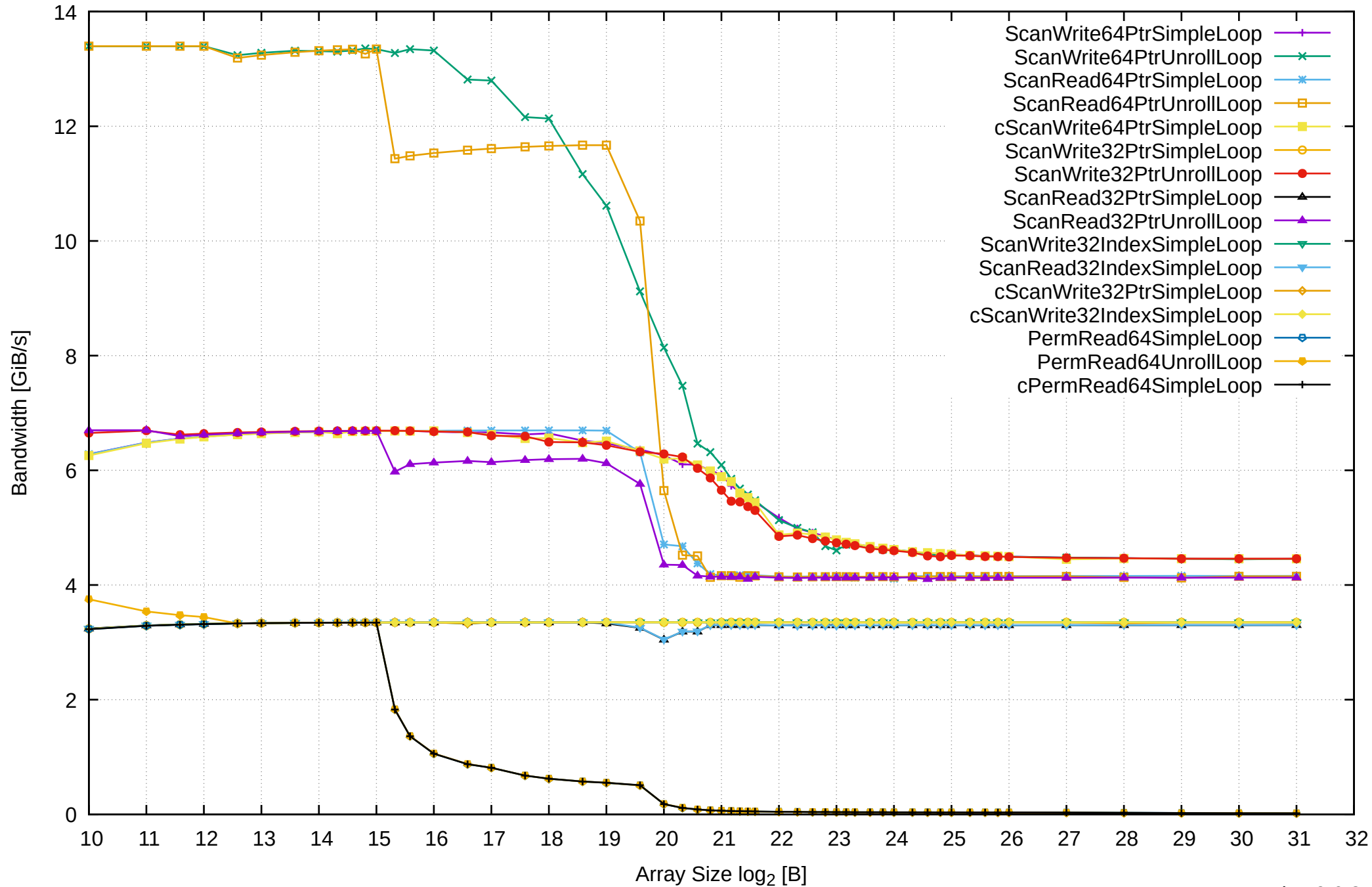
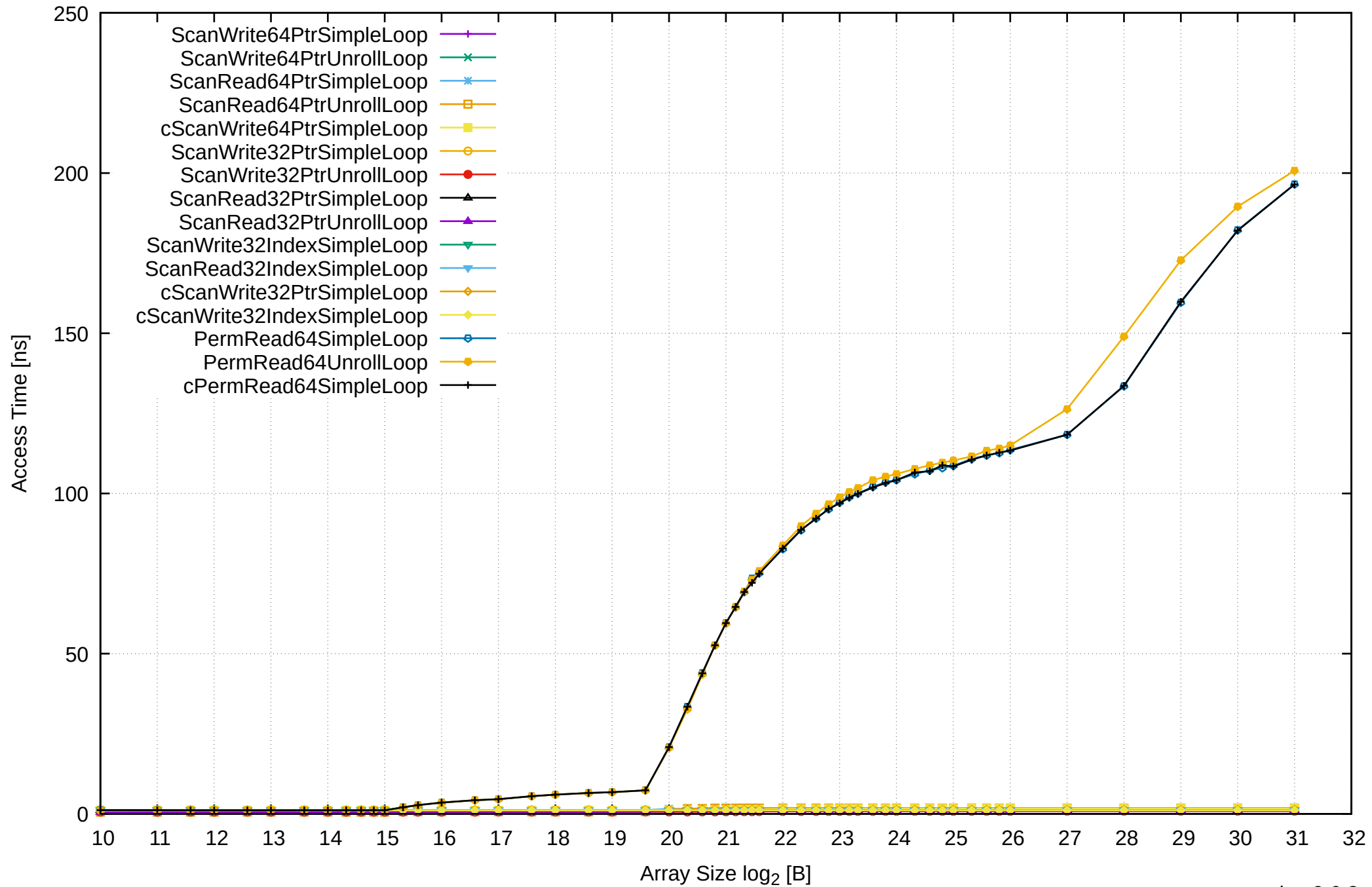


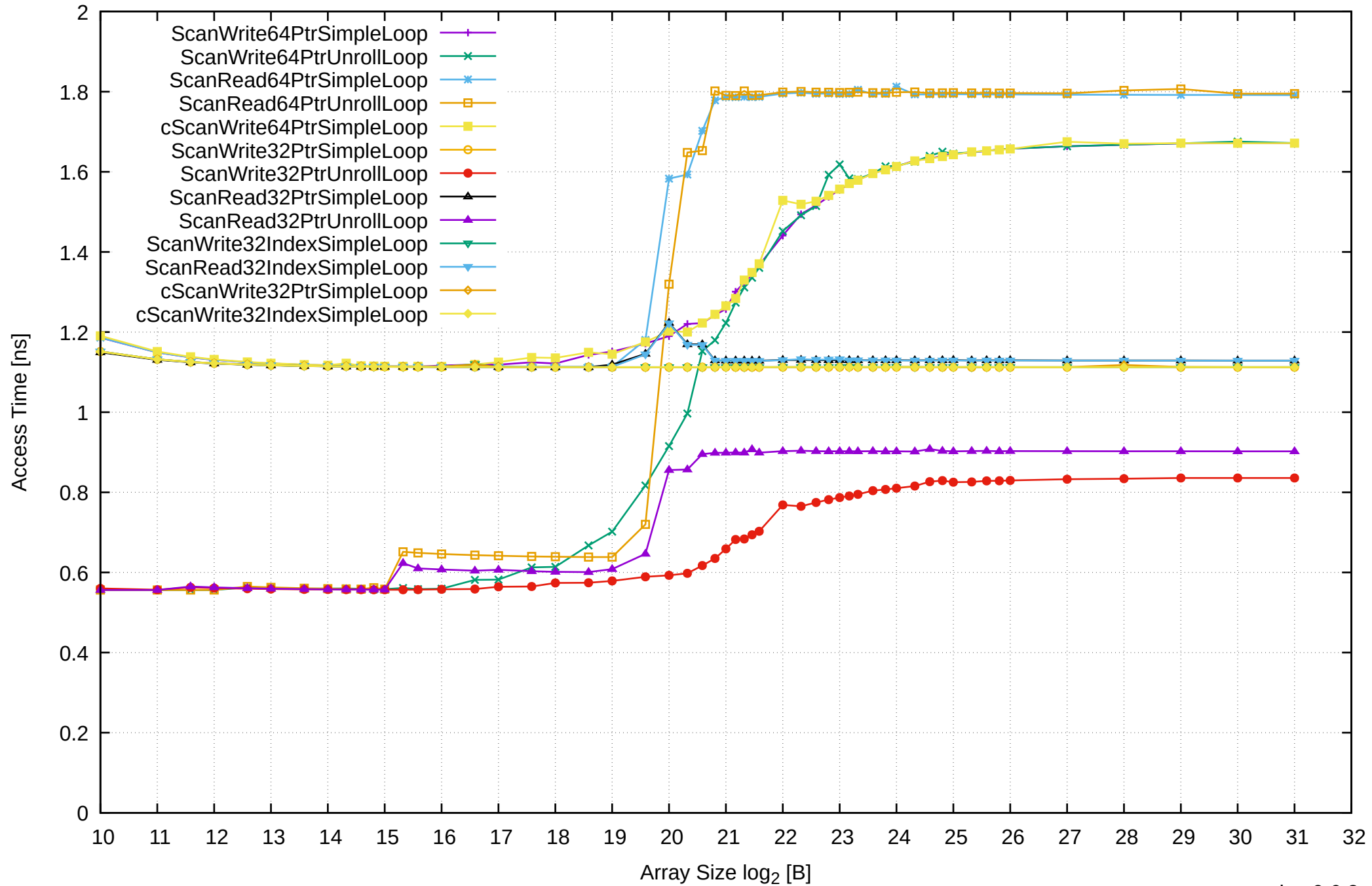
Pine64 RockPro64 Rockchip RK3399 - 4GB - One Thread Memory Bandwidth



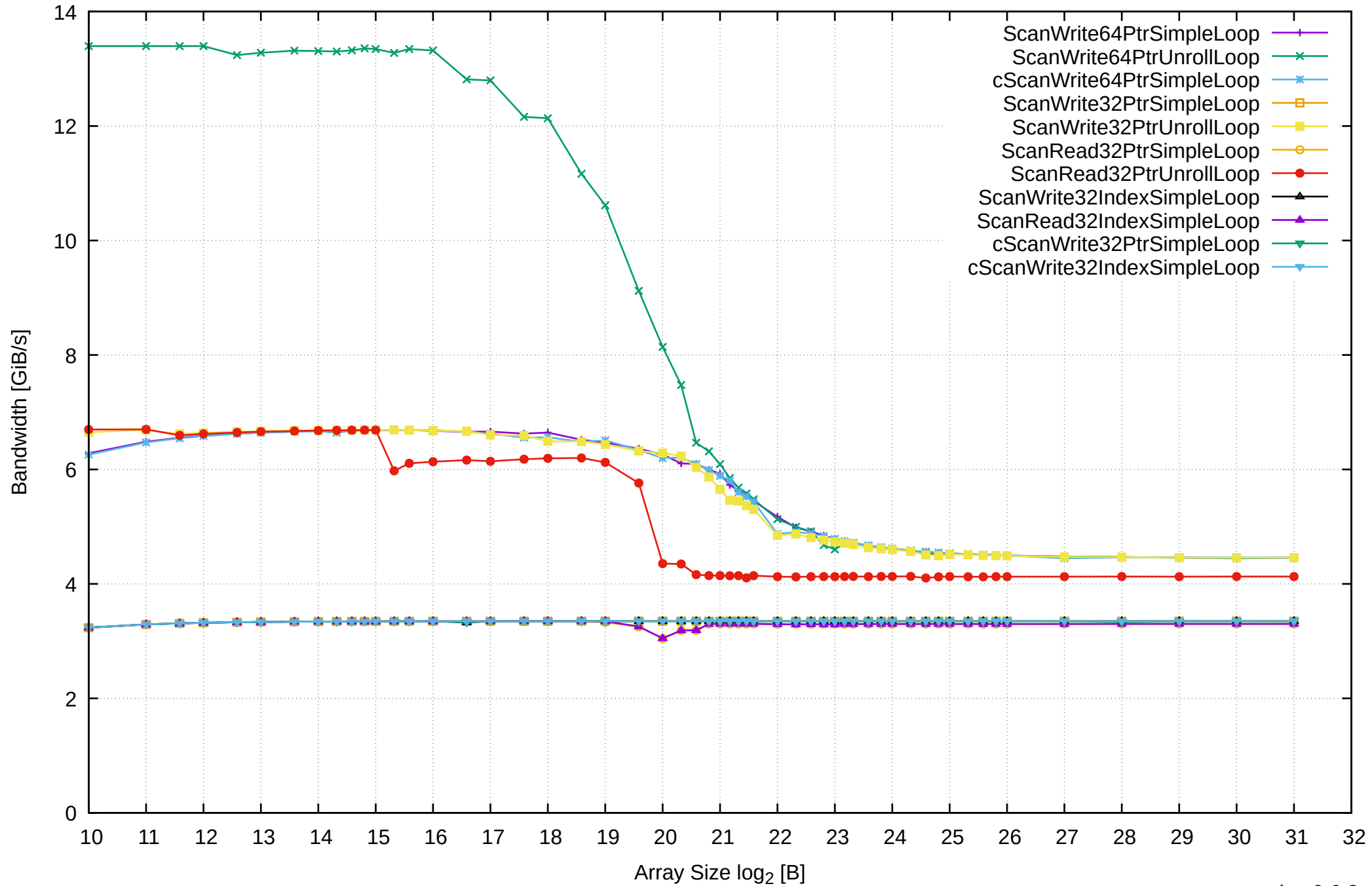
Pine64 RockPro64 Rockchip RK3399 - 4GB - One Thread Memory Latency (Access Time)



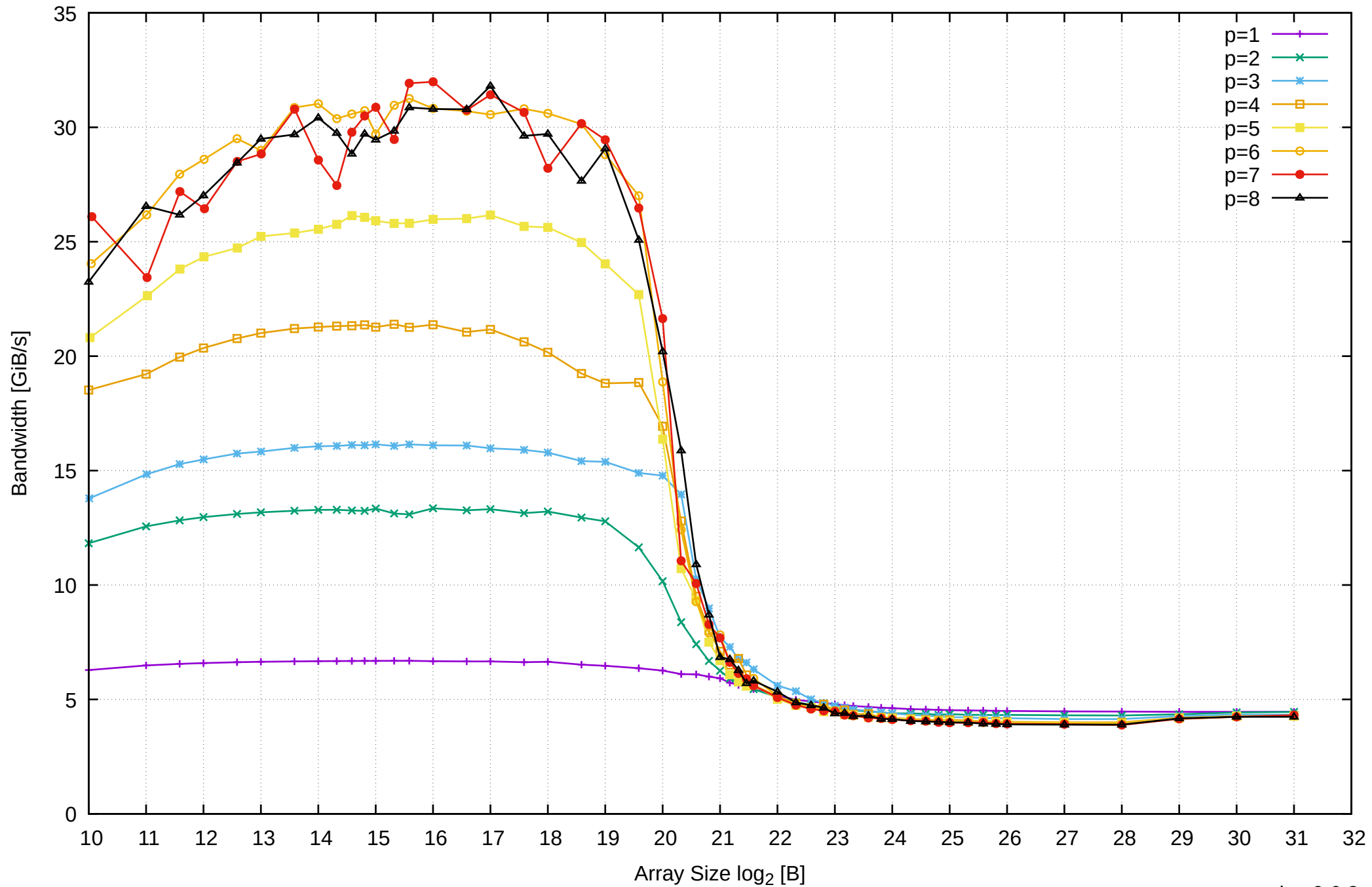
Pine64 RockPro64 Rockchip RK3399 - 4GB - One Thread Memory Latency (excluding Permutation)



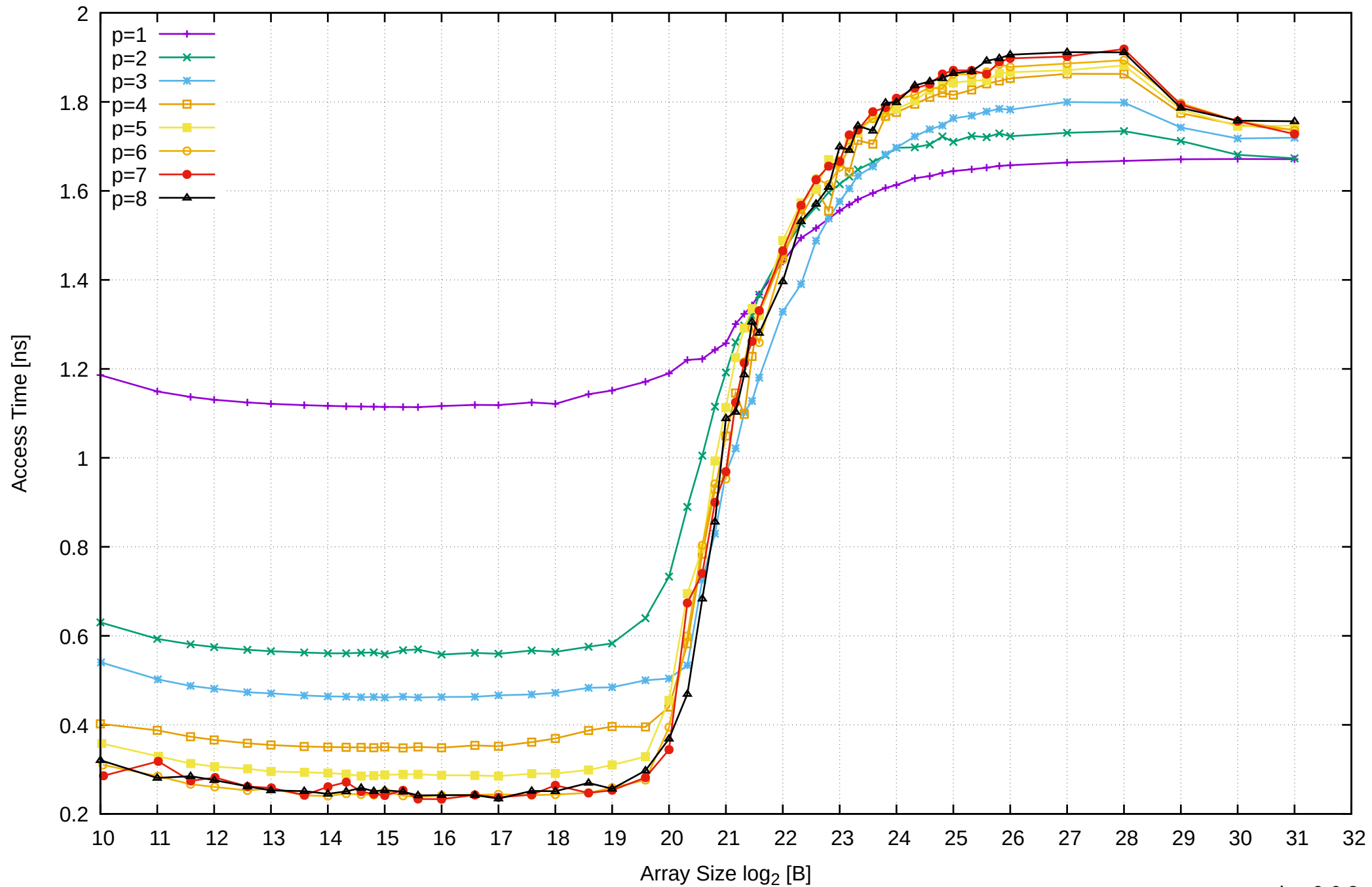
Pine64 RockPro64 Rockchip RK3399 - 4GB - One Thread Memory Bandwidth (only 64-bit Reads)



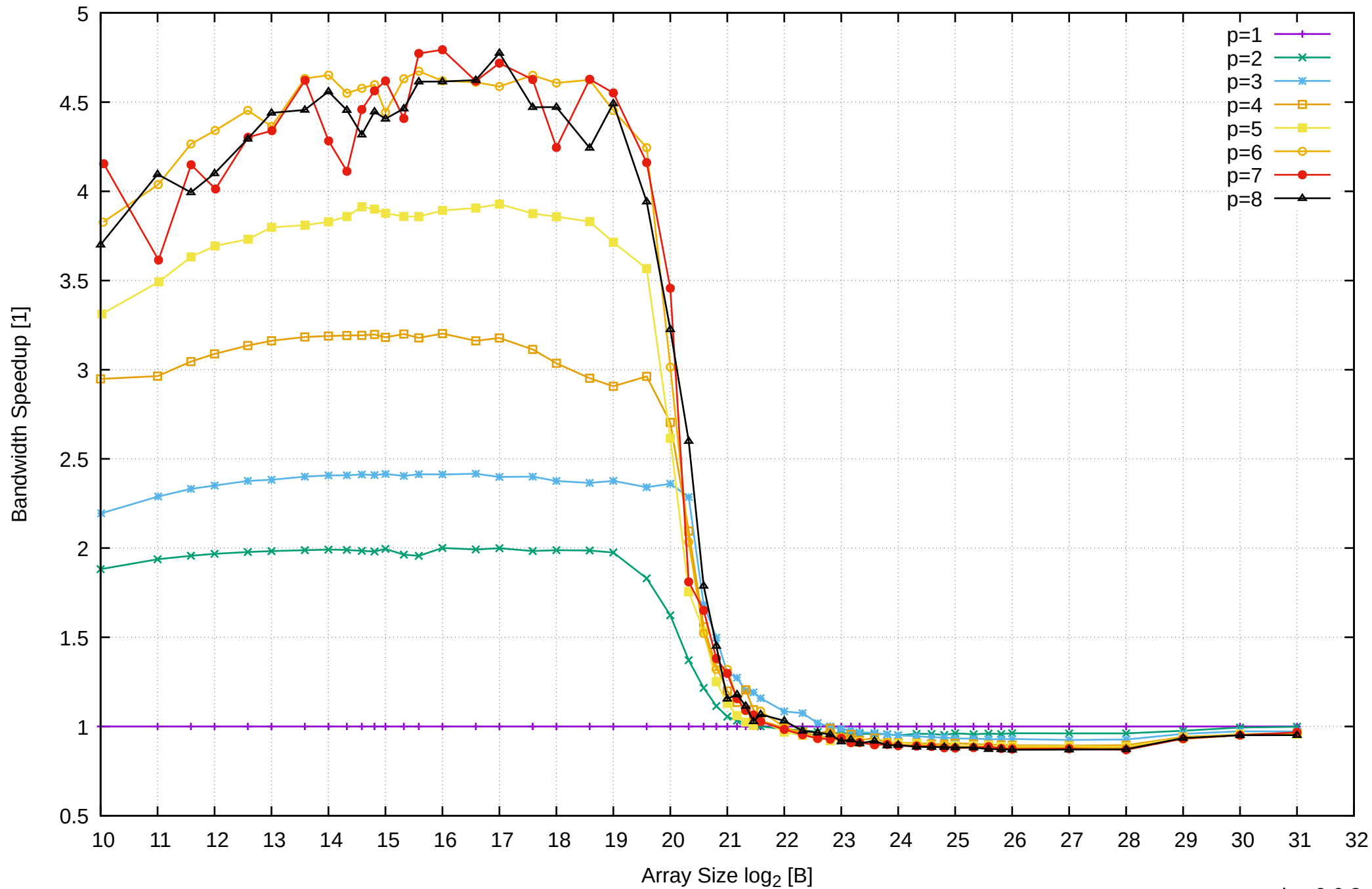
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop



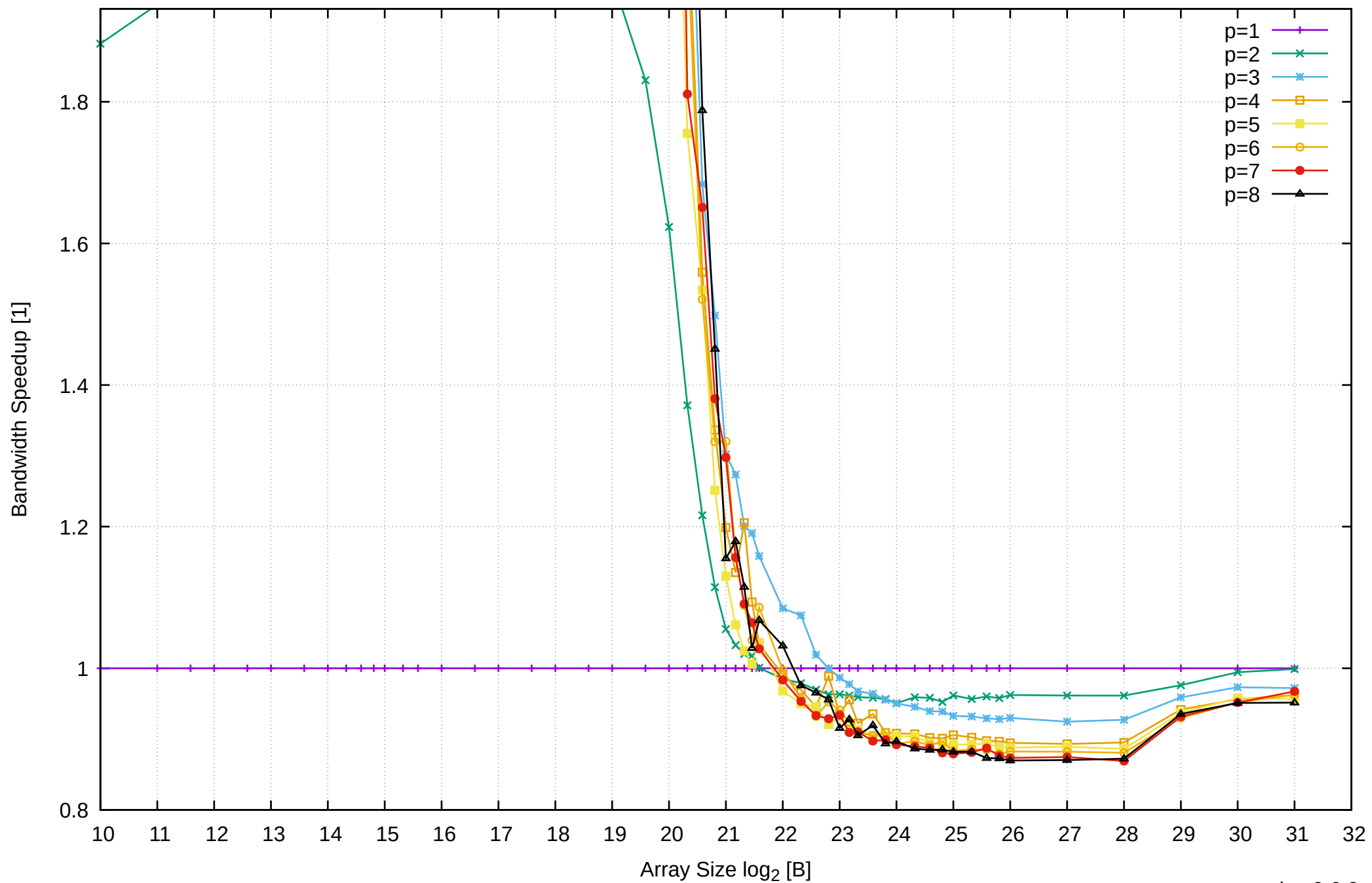
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - ScanWrite64PtrSimpleLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrSimpleLoop

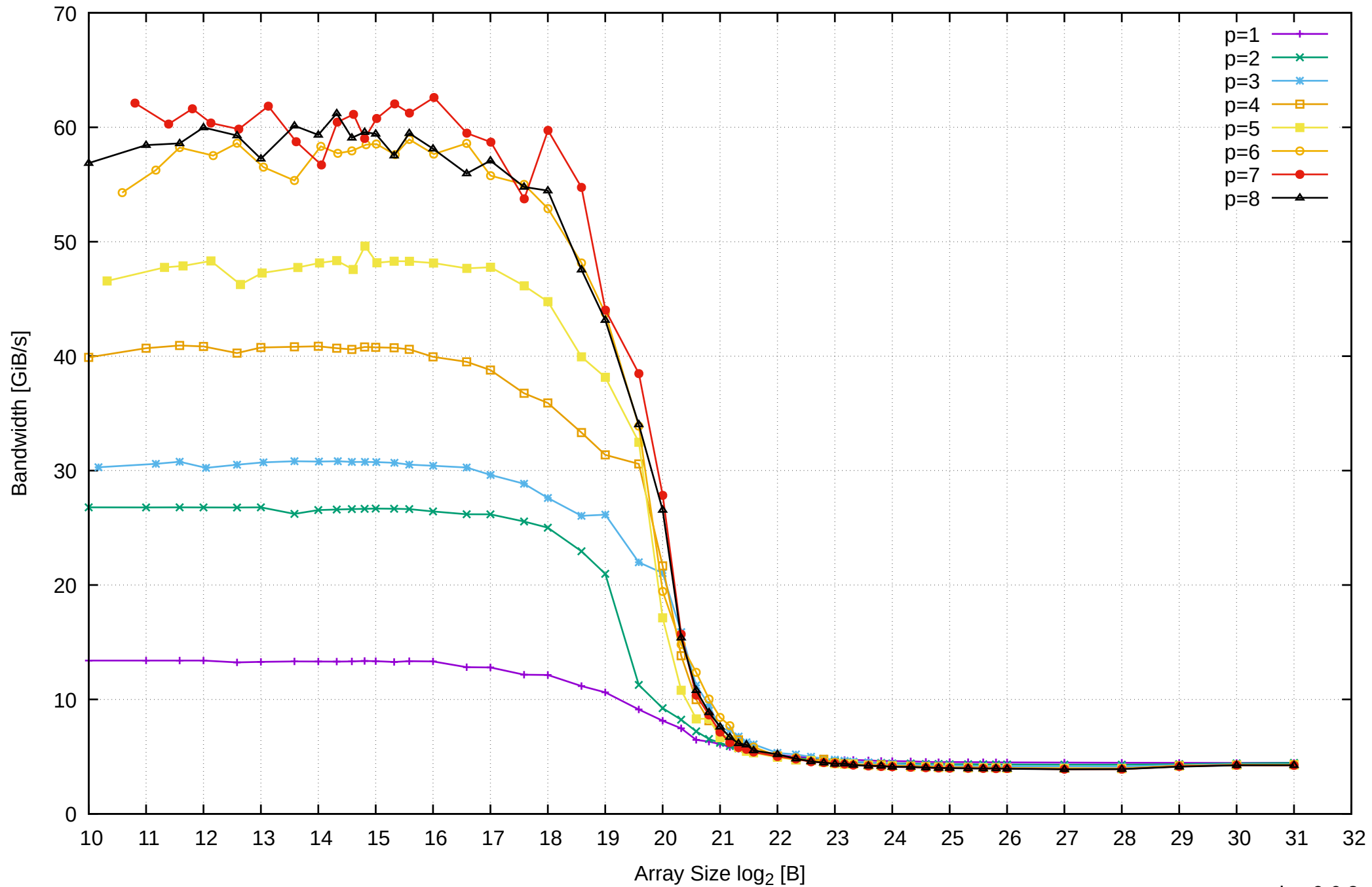


Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrSimpleLoop

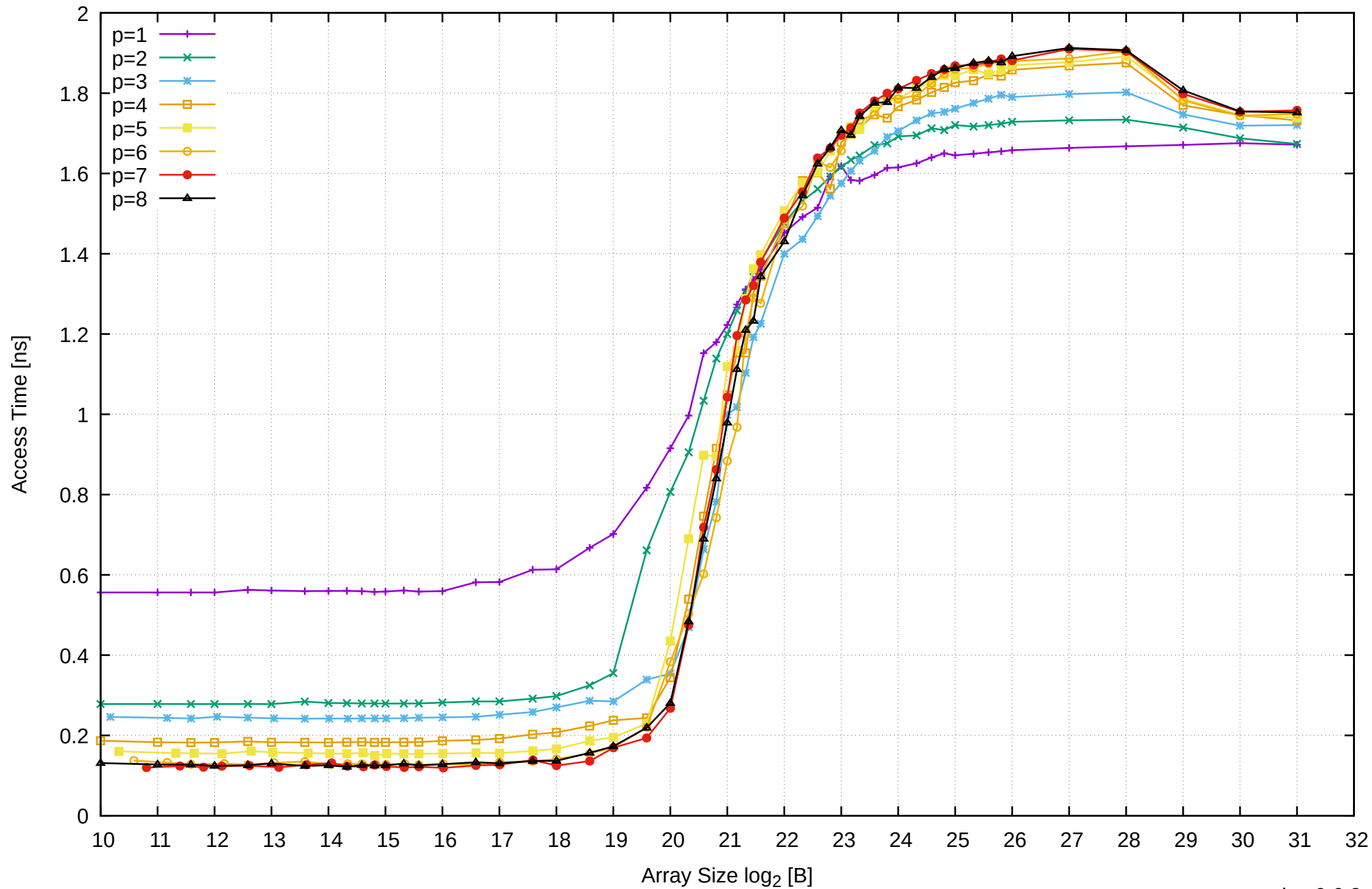




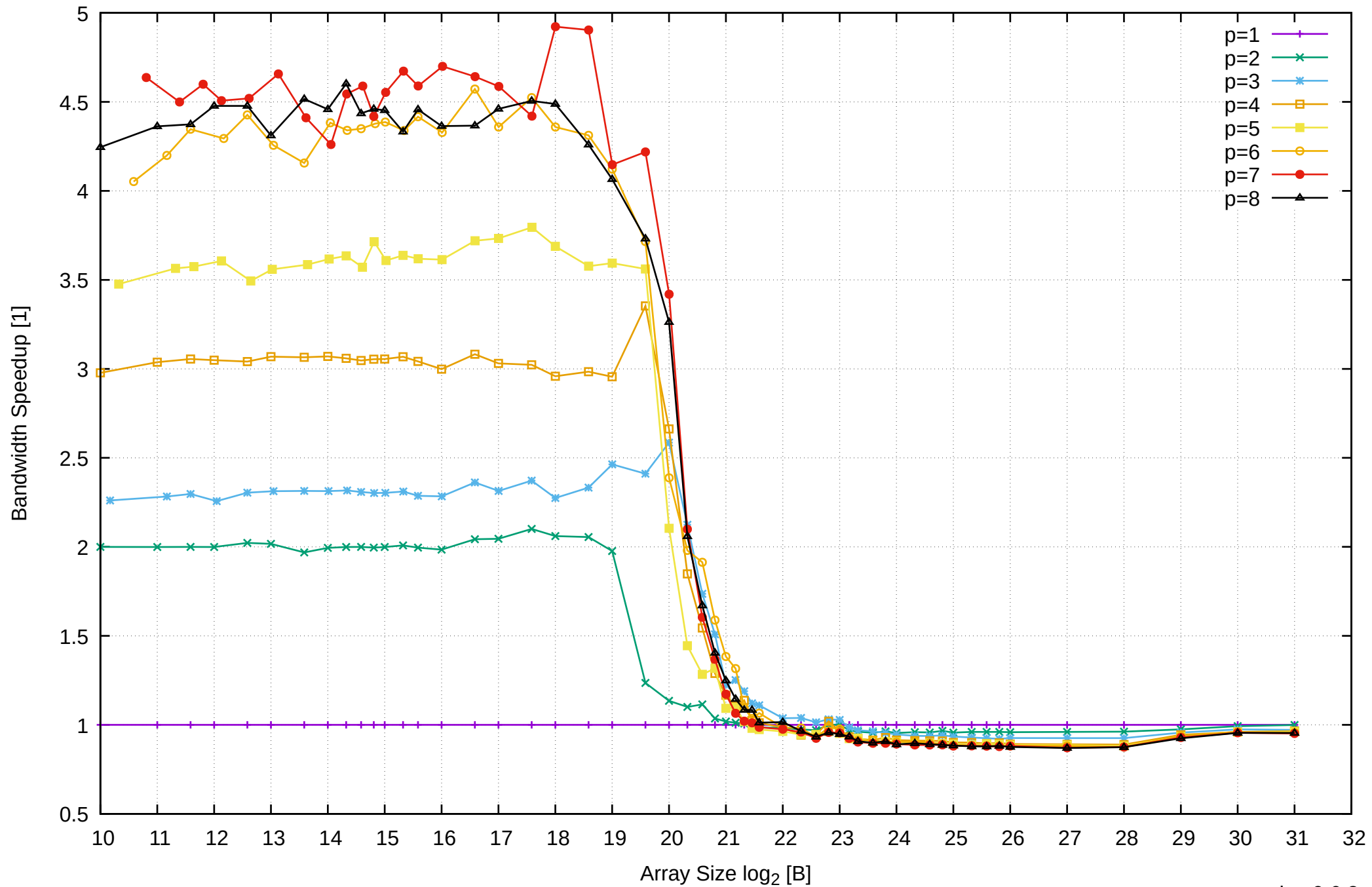
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop



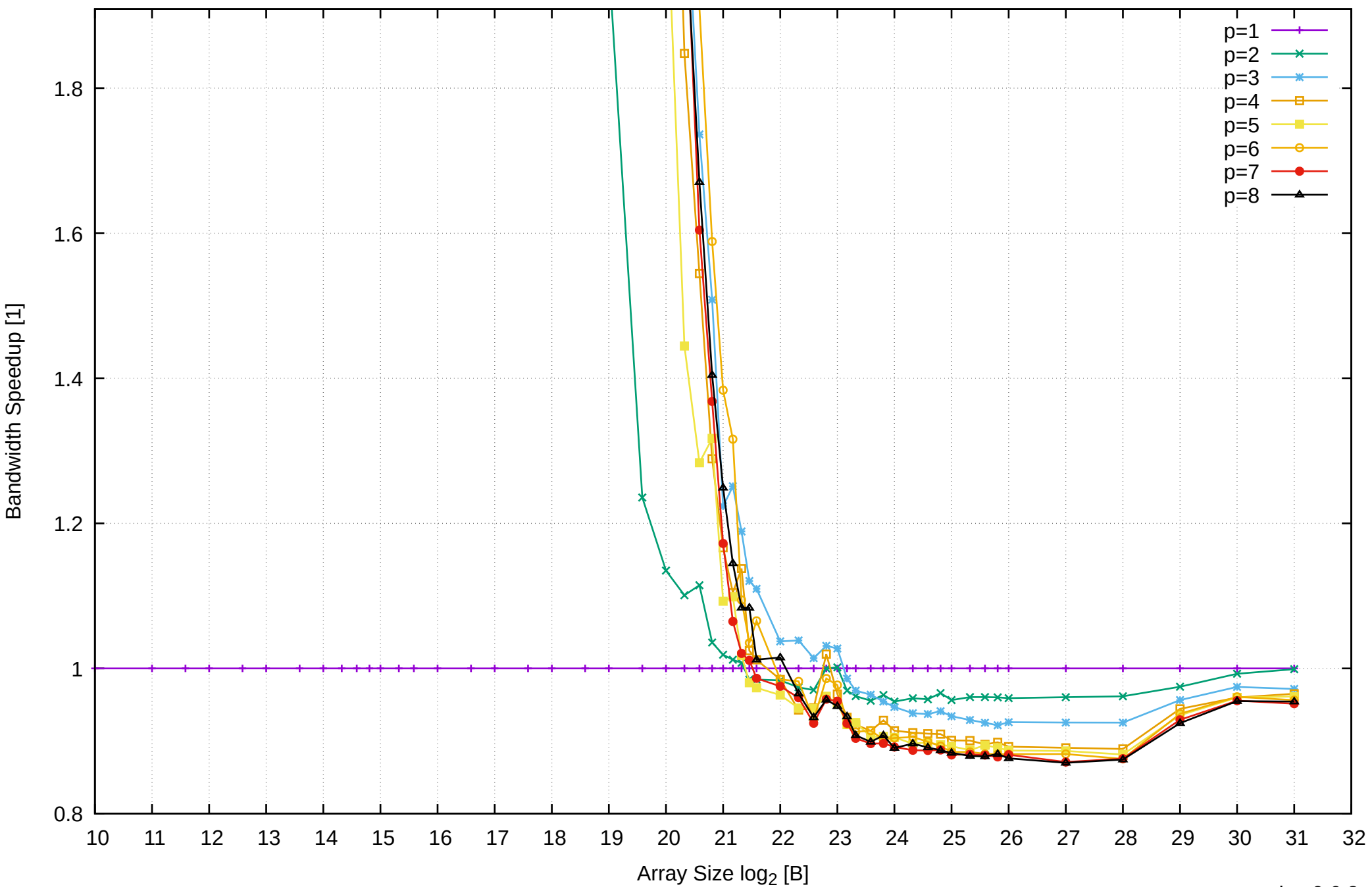
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - ScanWrite64PtrUnrollLoop



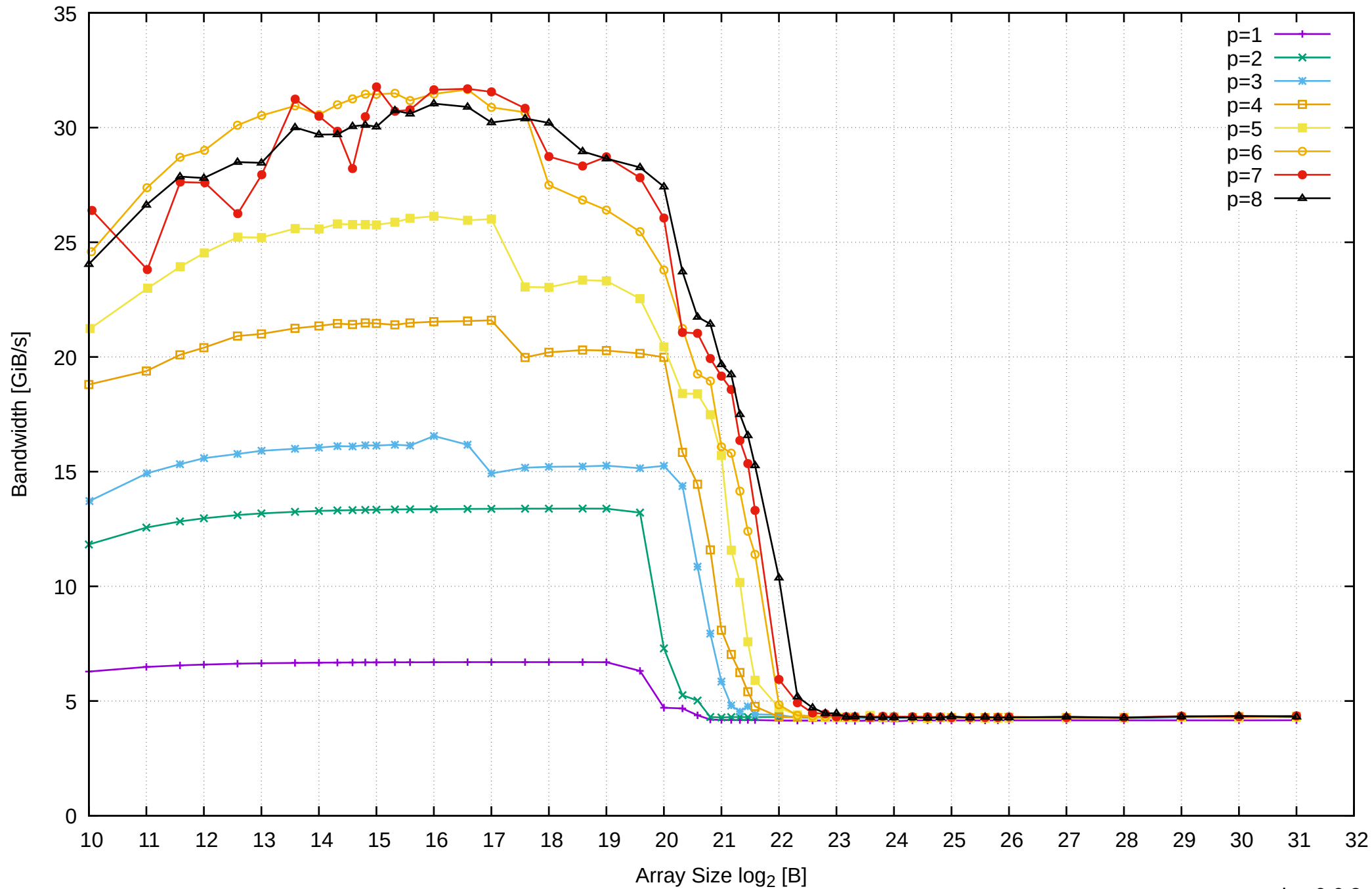
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanWrite64PtrUnrollLoop



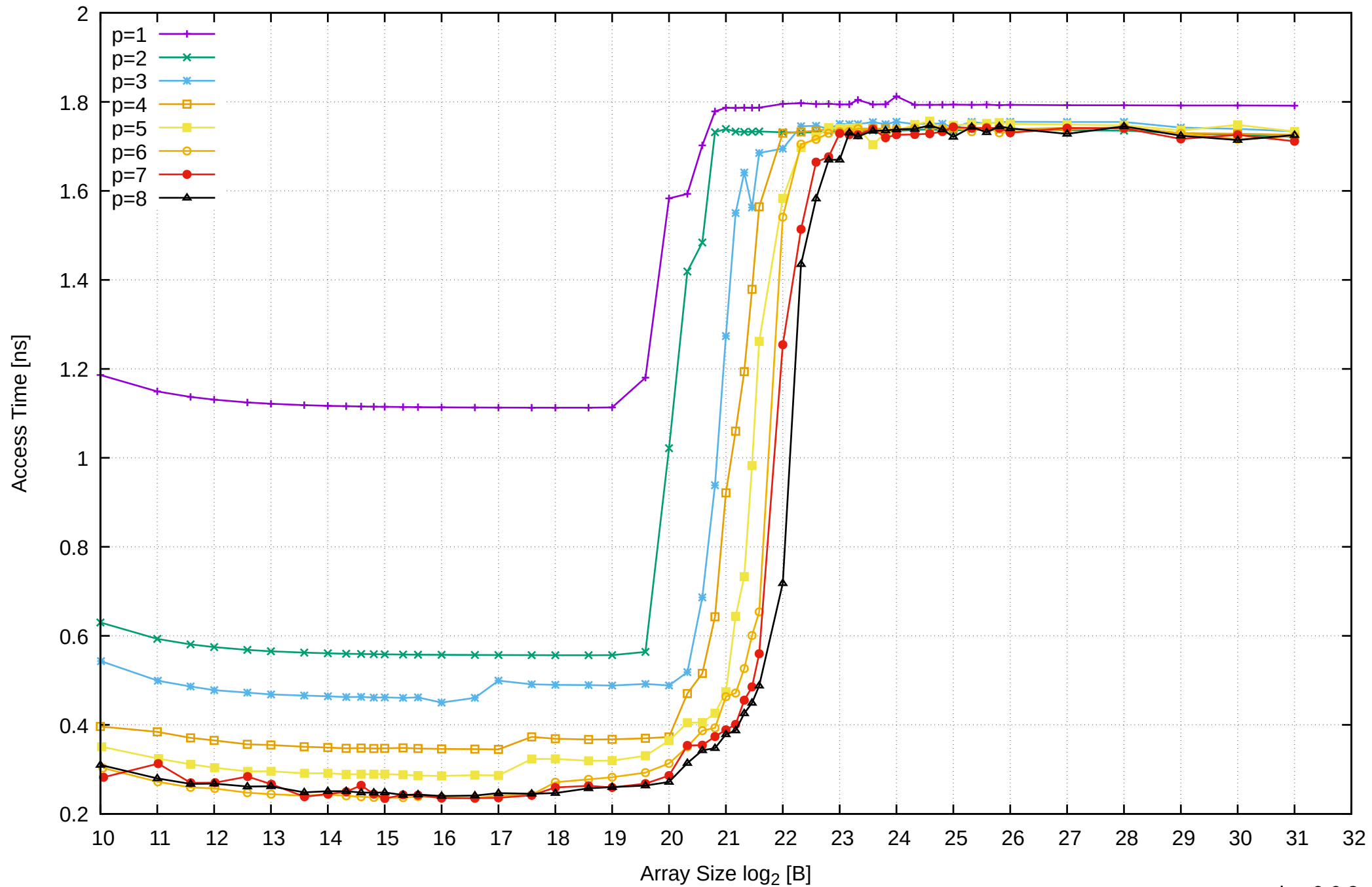
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite64PtrUnrollLoop



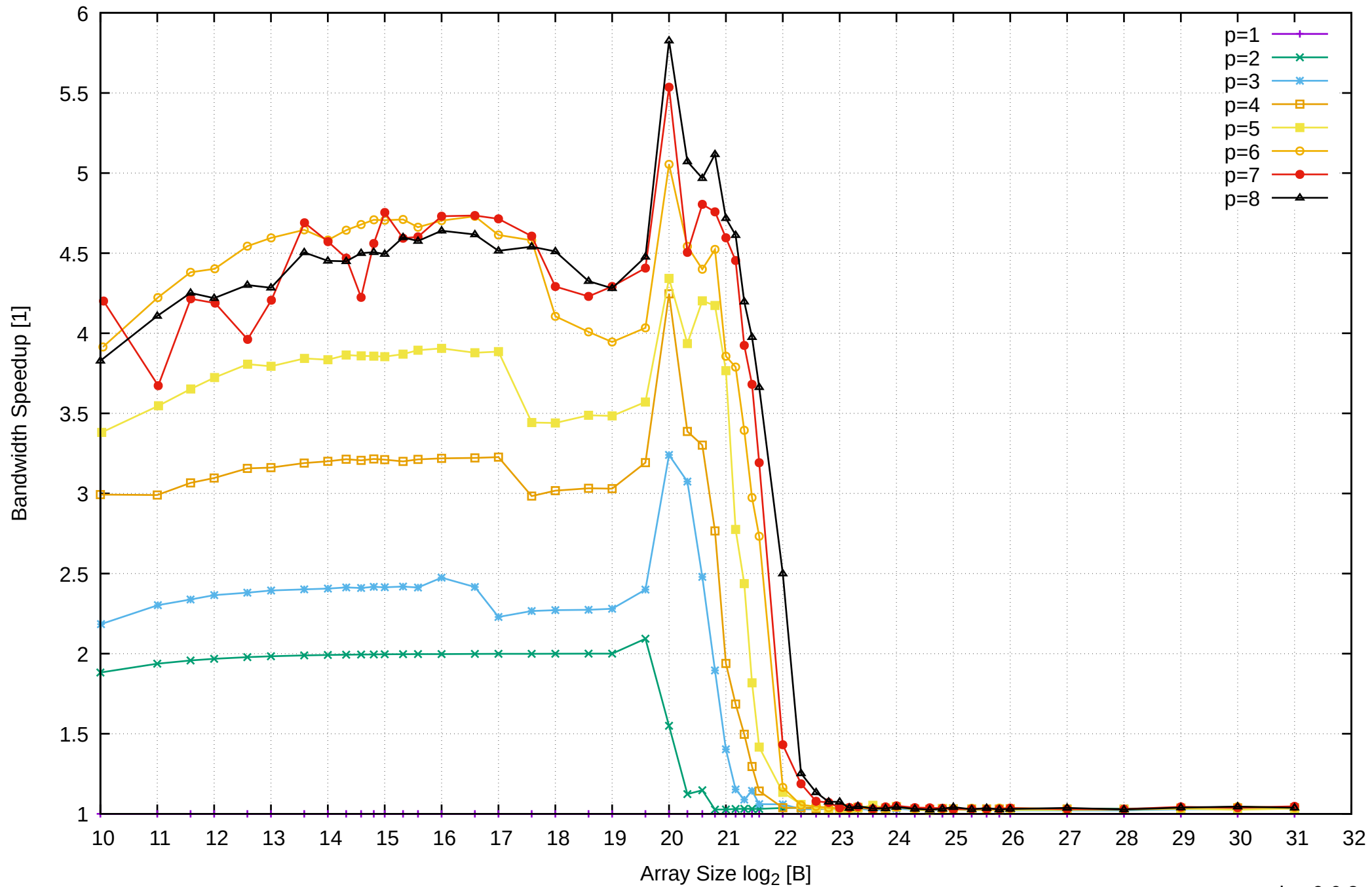
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop



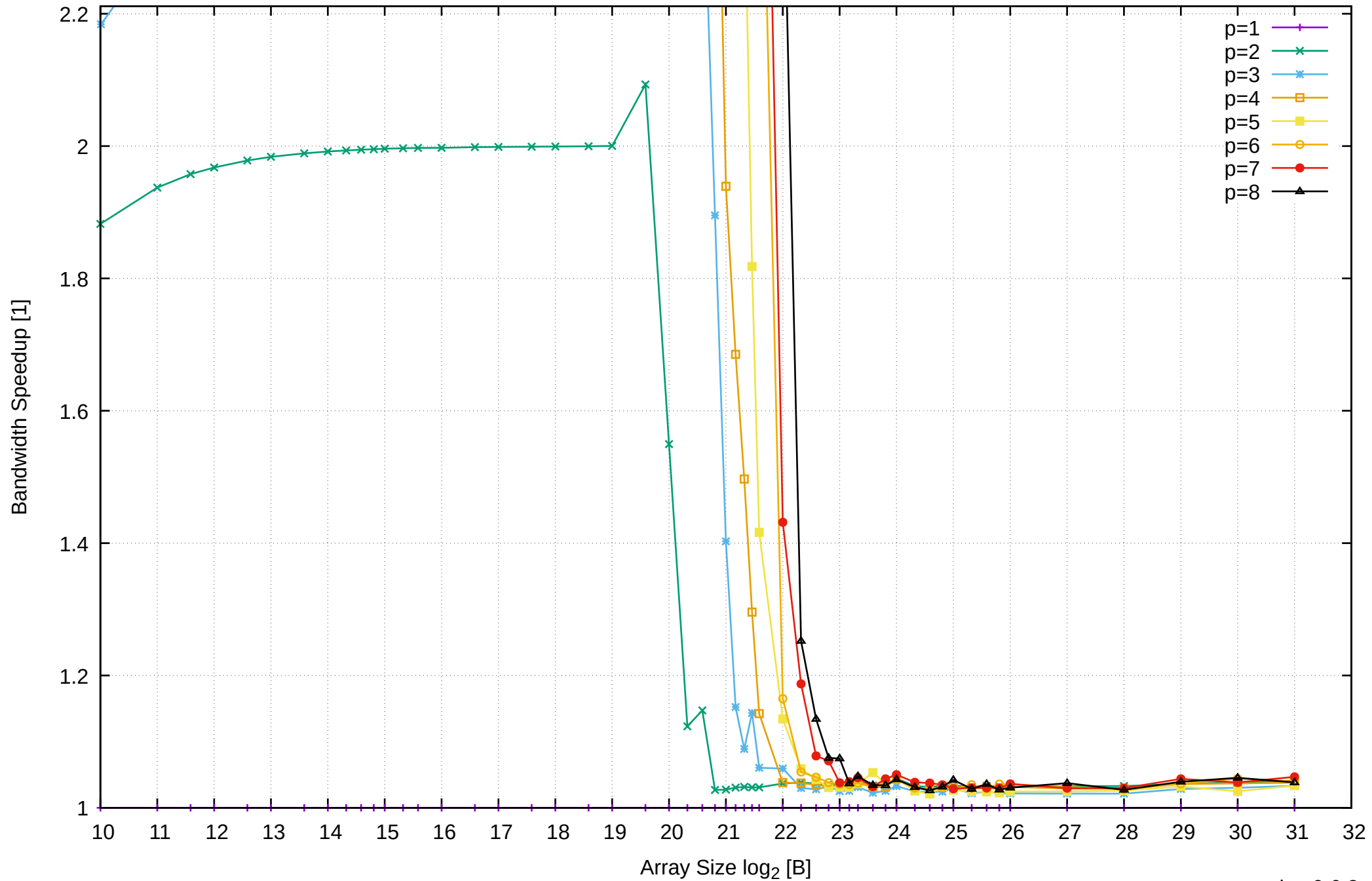
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - ScanRead64PtrSimpleLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrSimpleLoop

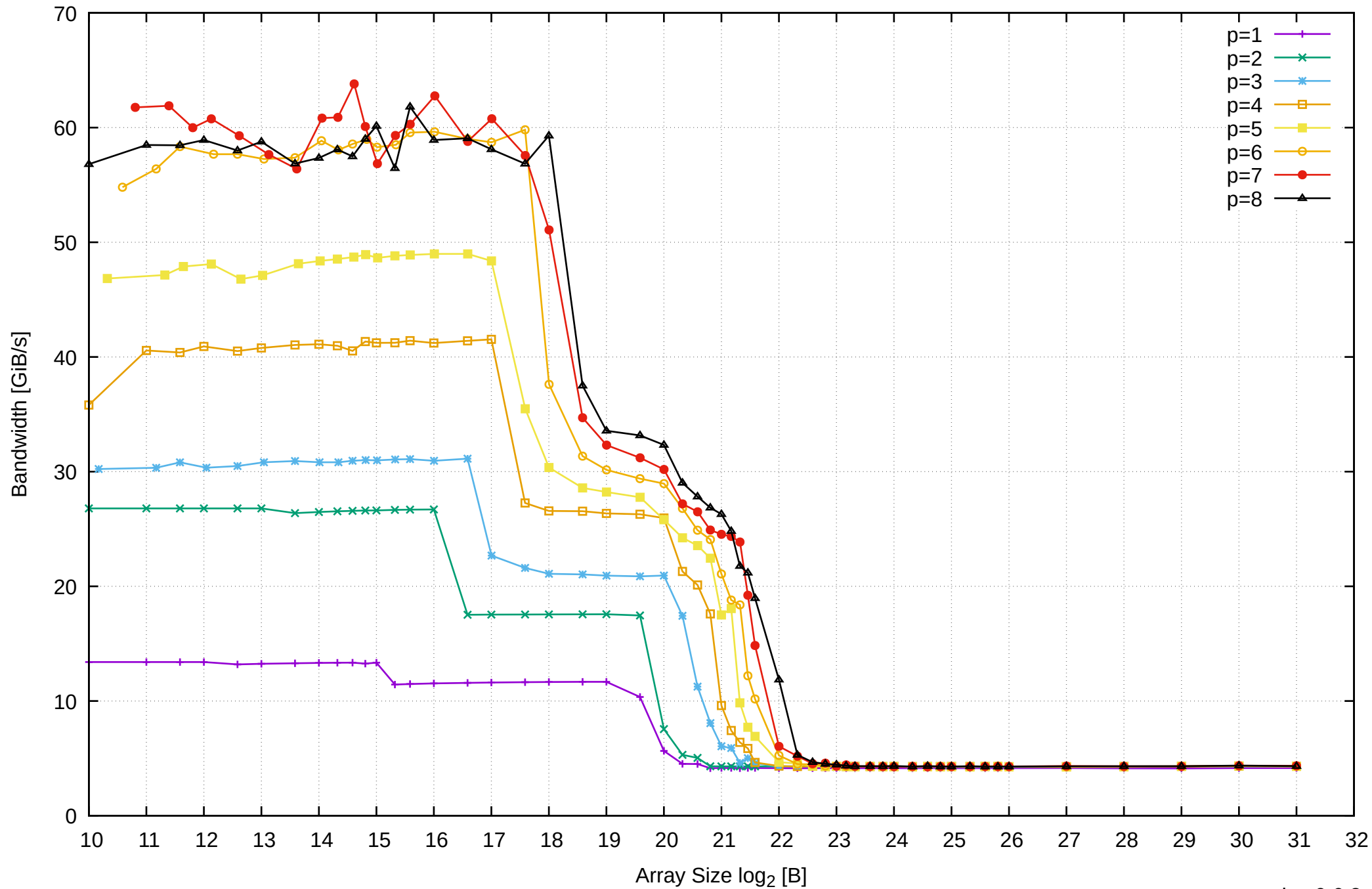


Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64PtrSimpleLoop

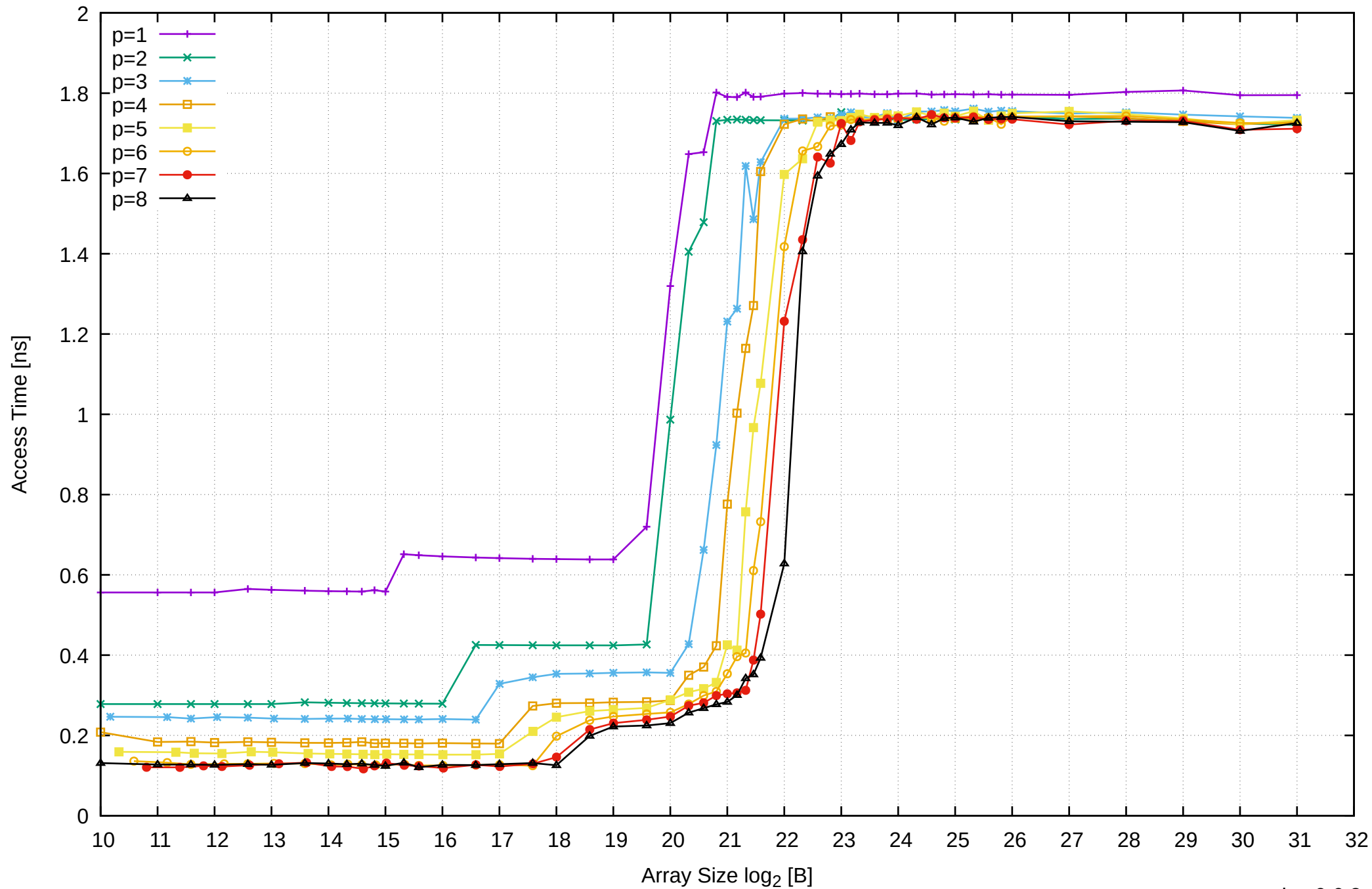




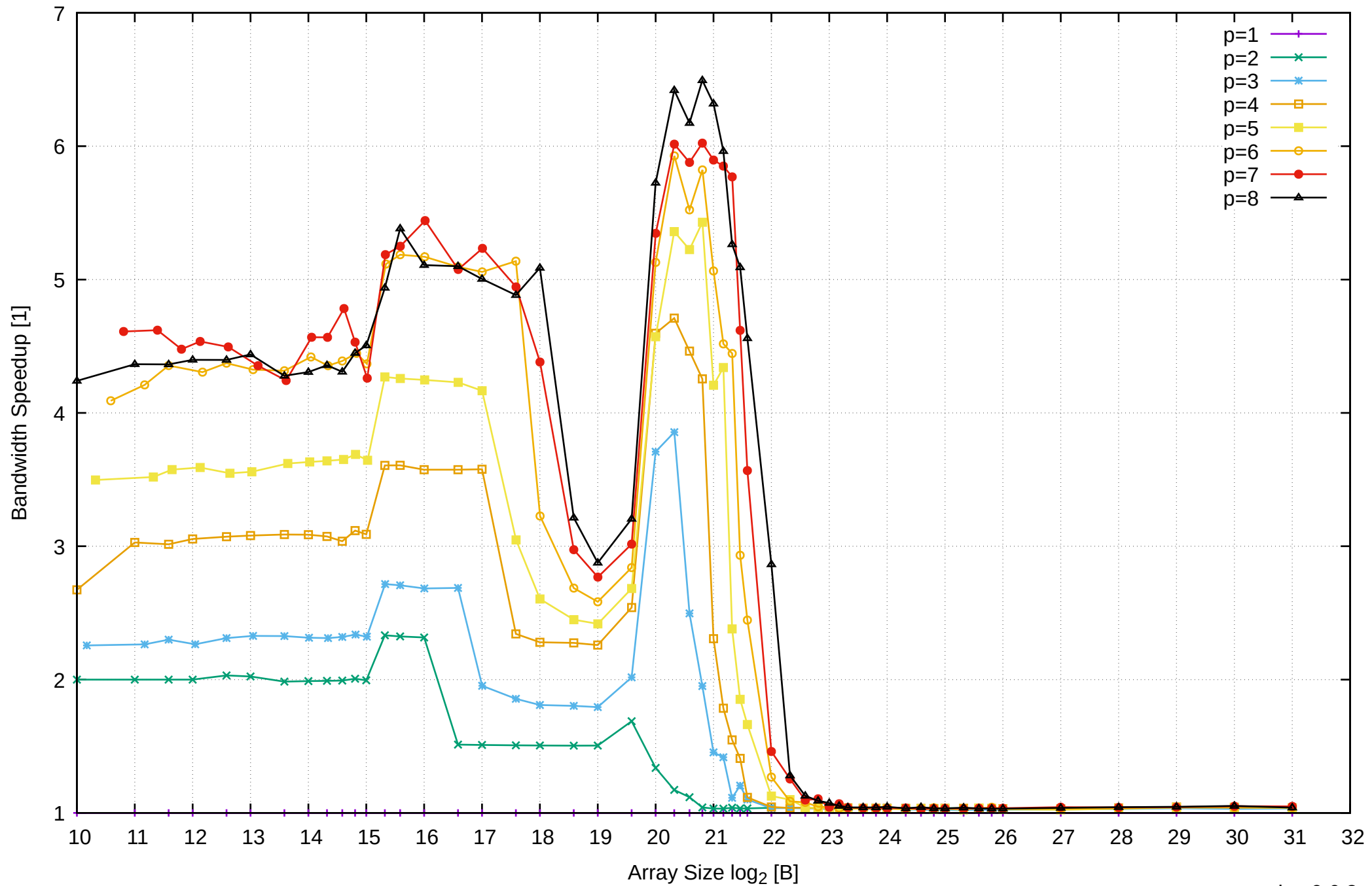
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop



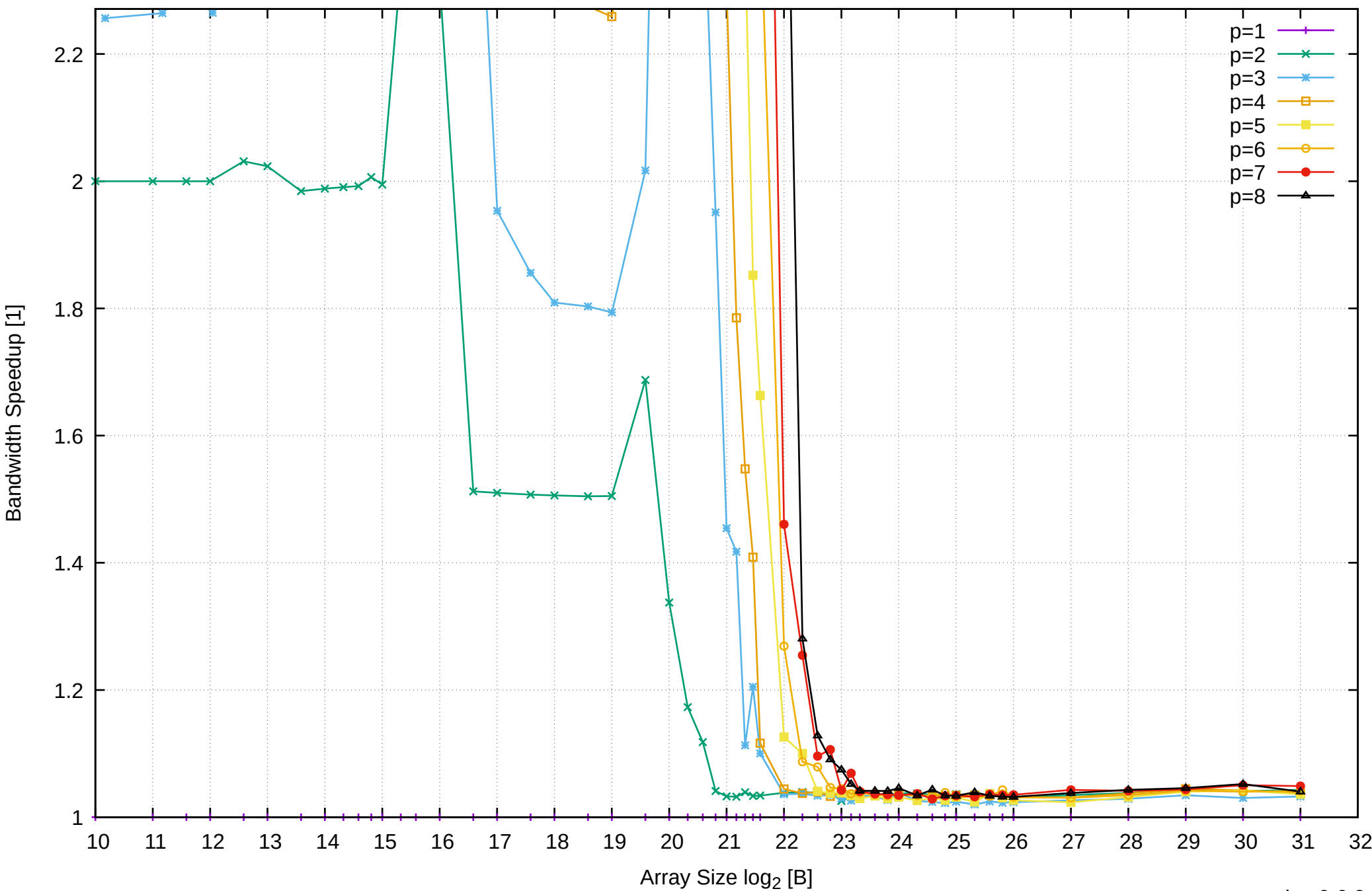
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - ScanRead64PtrUnrollLoop



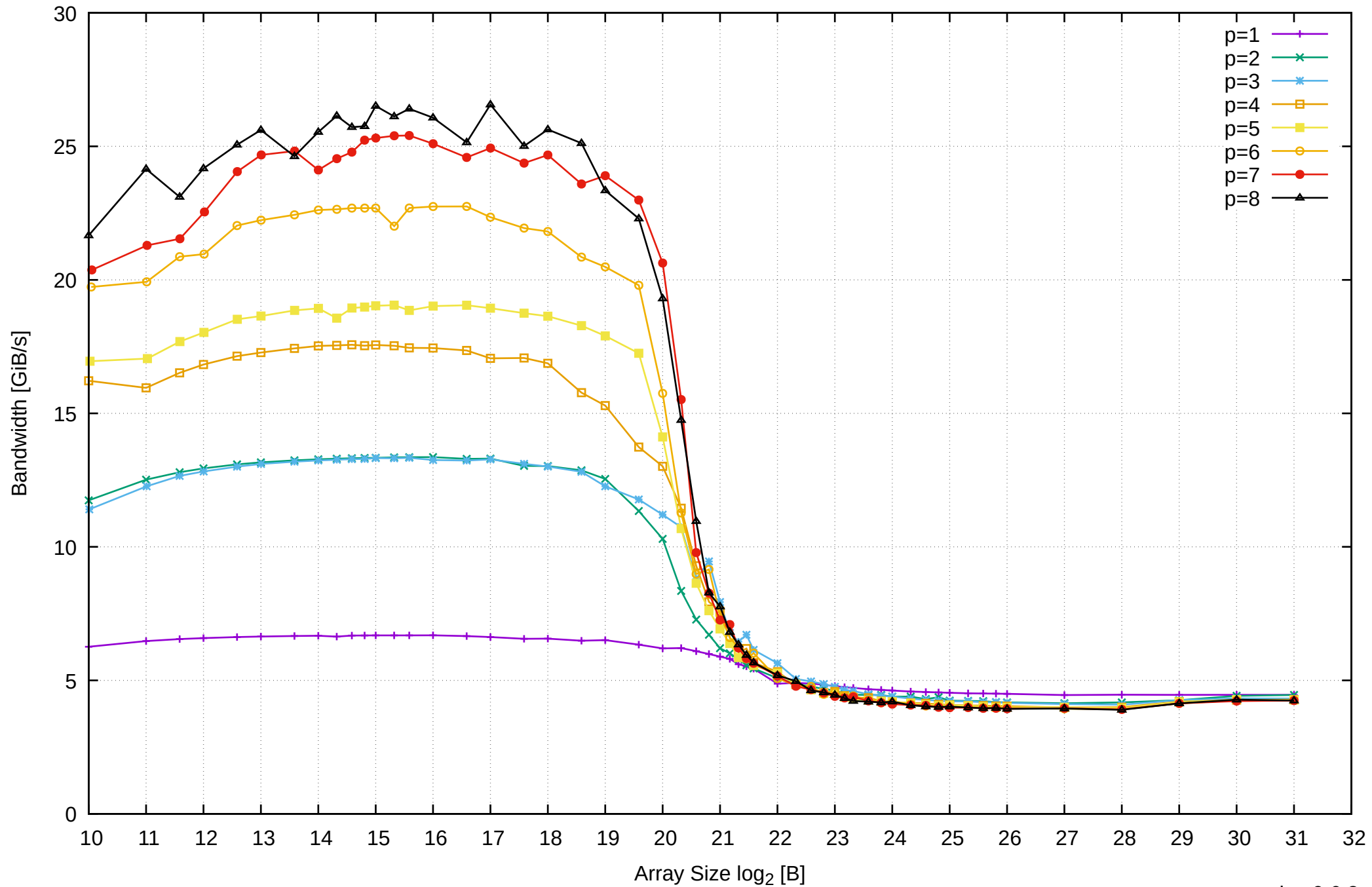
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanRead64PtrUnrollLoop



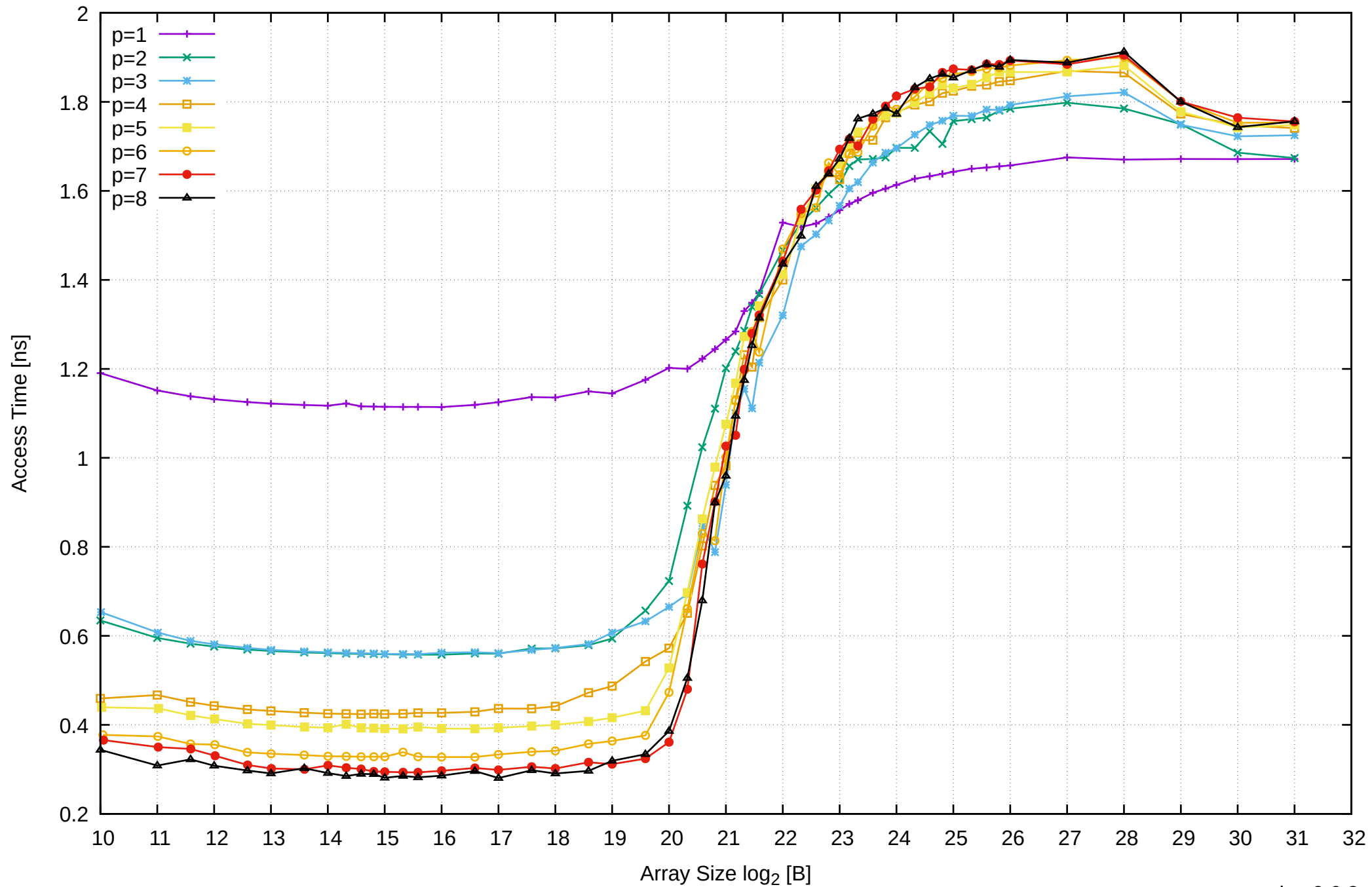
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead64PtrUnrollLoop



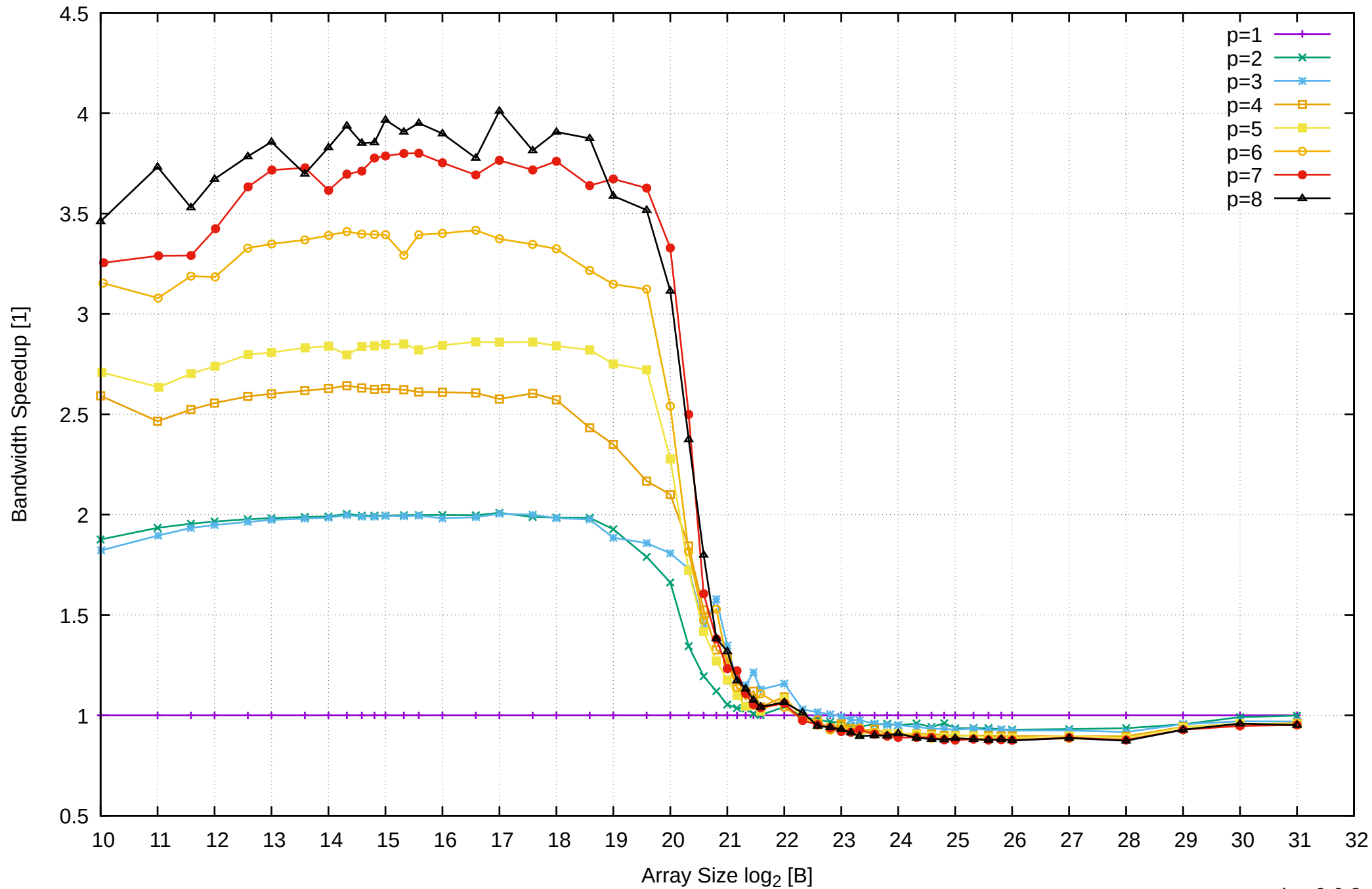
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - cScanWrite64PtrSimpleLoop



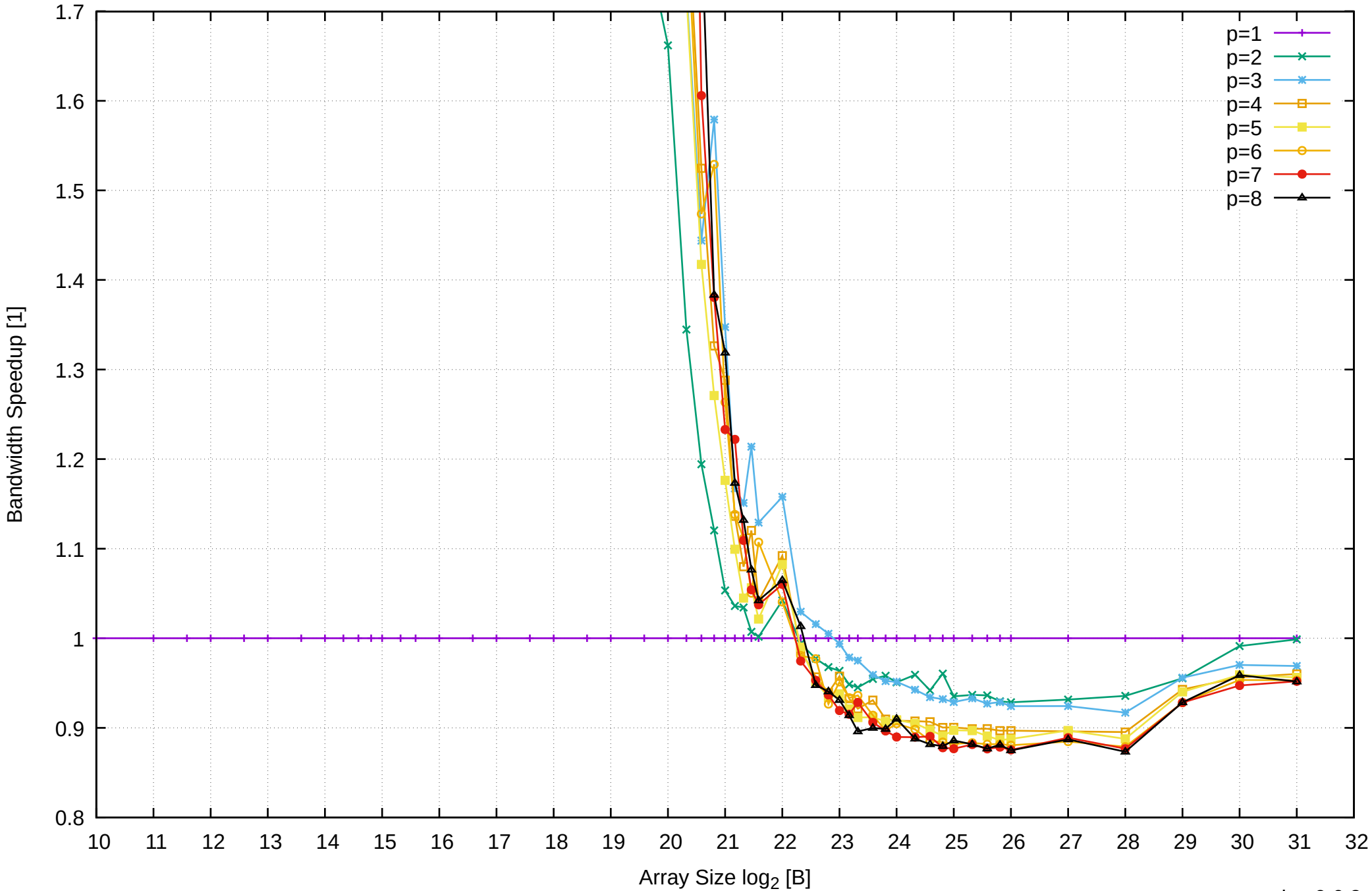
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - cScanWrite64PtrSimpleLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - cScanWrite64PtrSimpleLoop

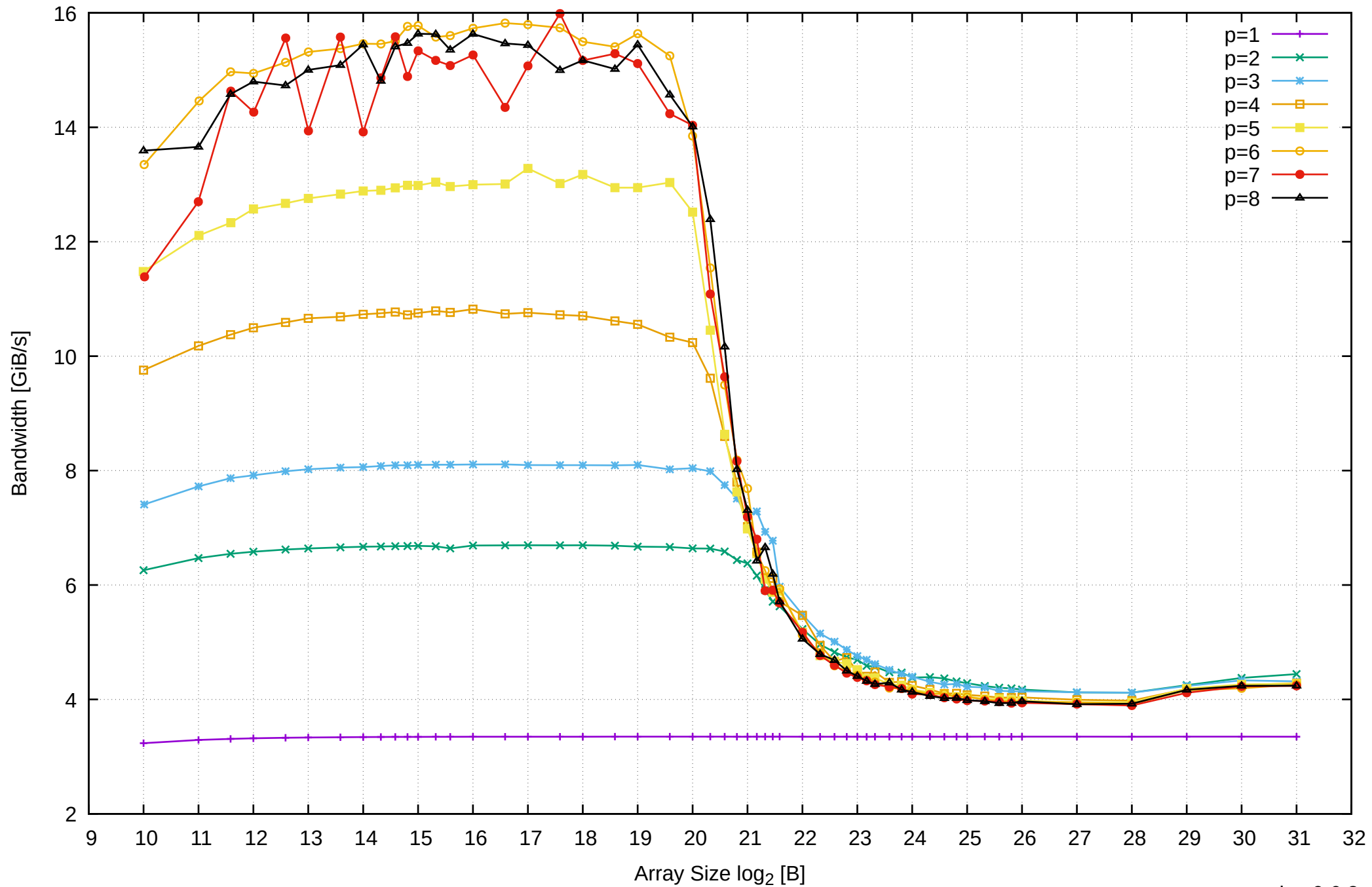


Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - cScanWrite64PtrSimpleLoop

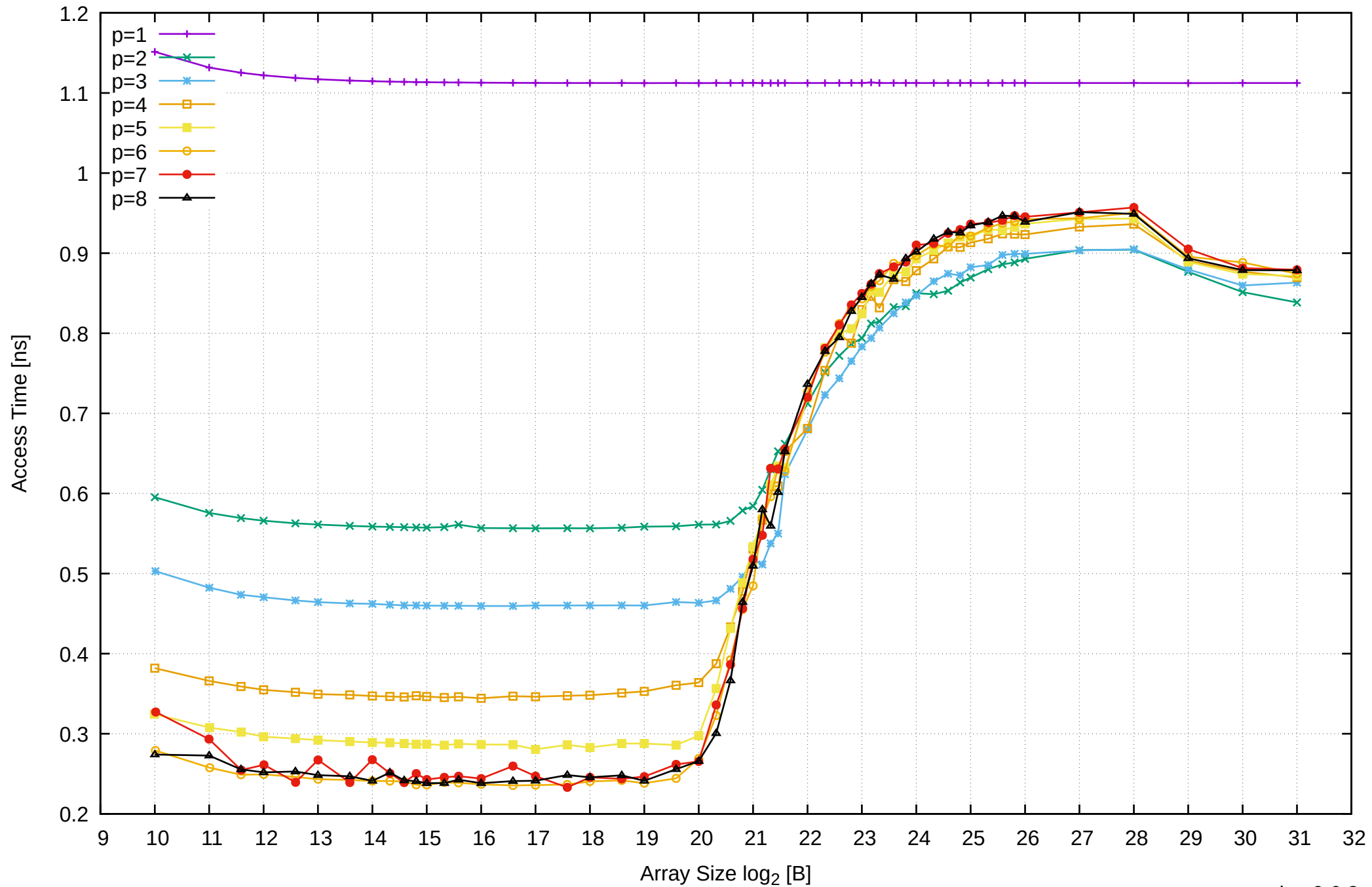




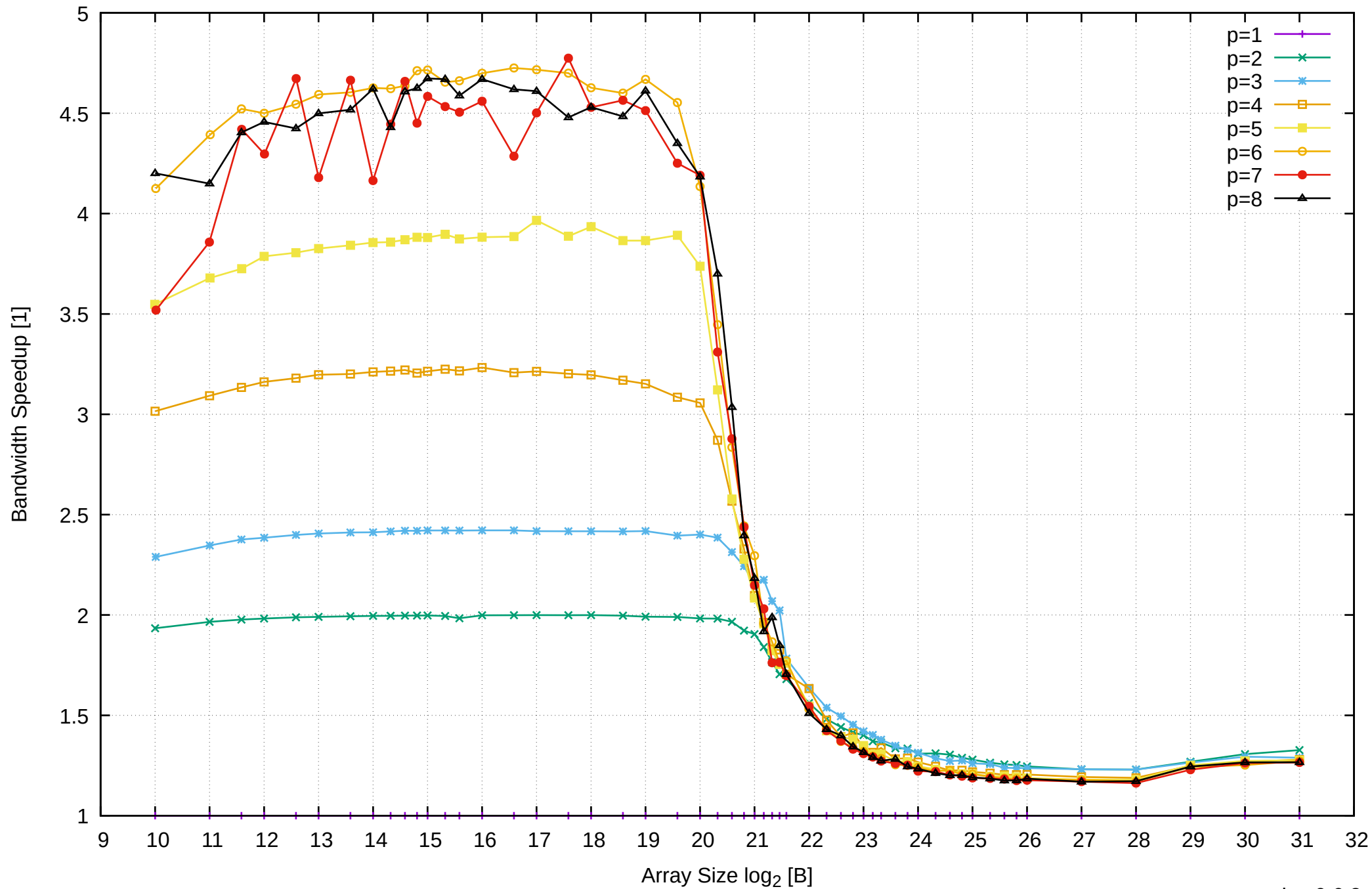
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



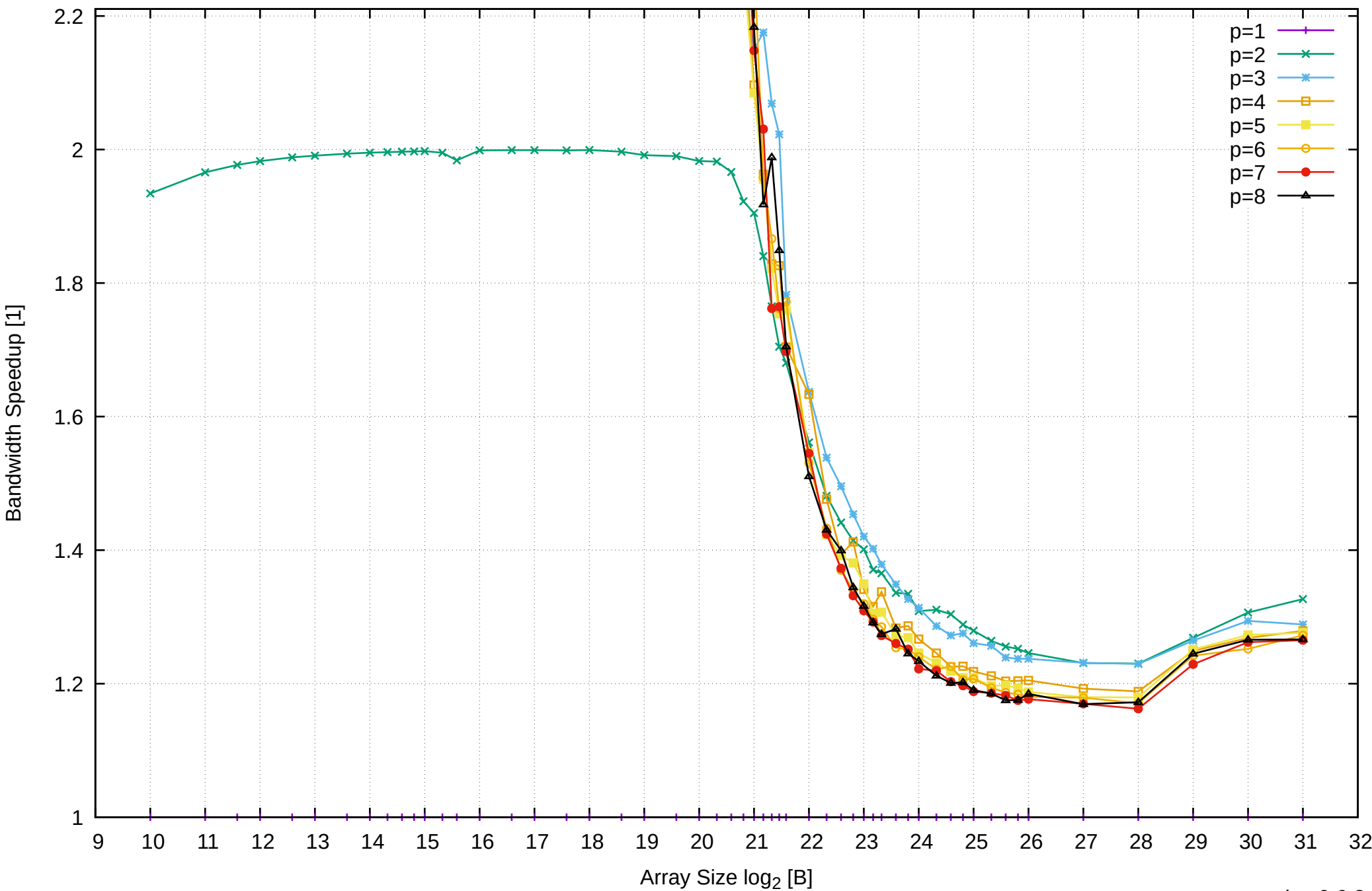
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - ScanWrite32PtrSimpleLoop



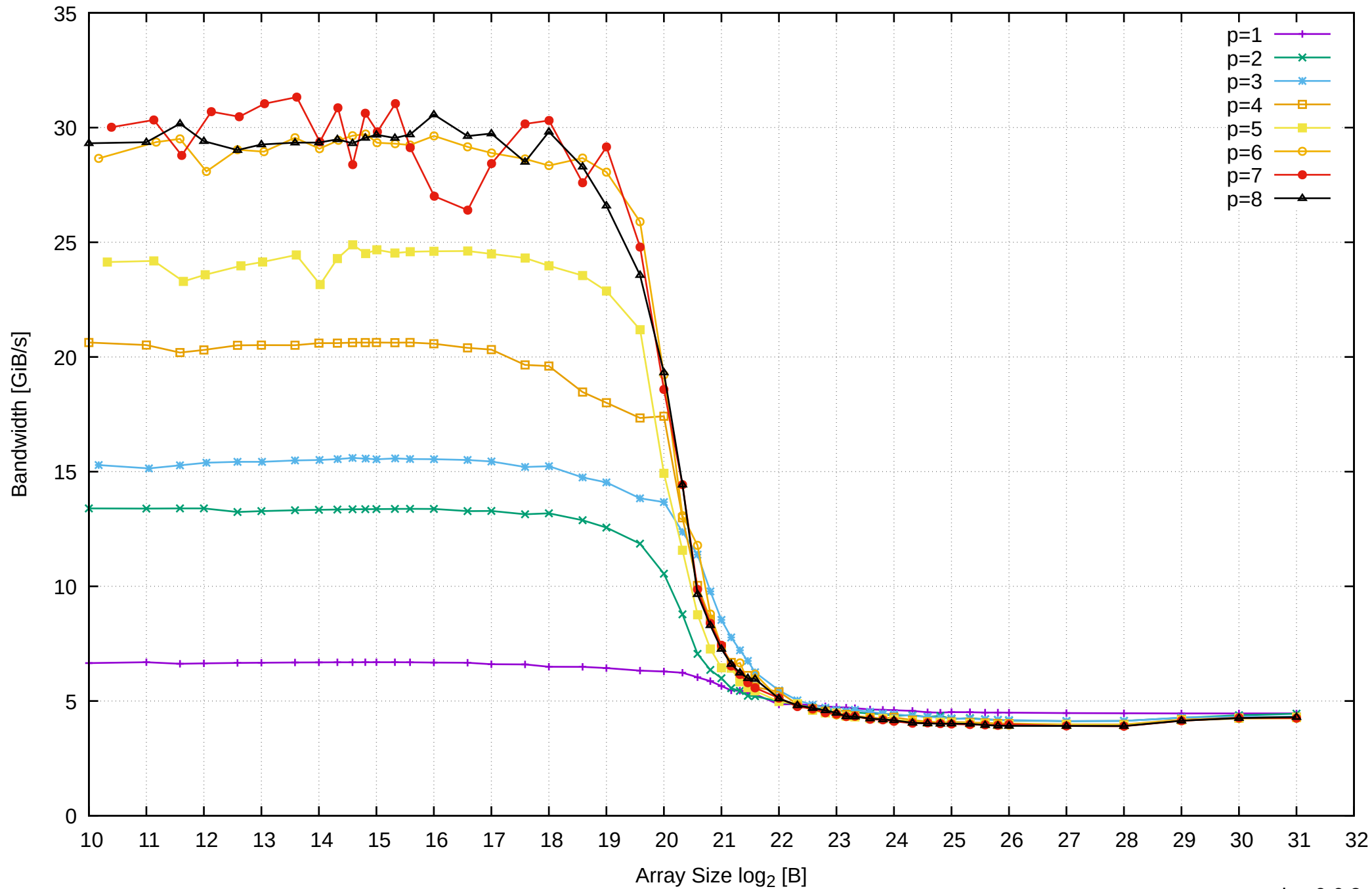
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrSimpleLoop



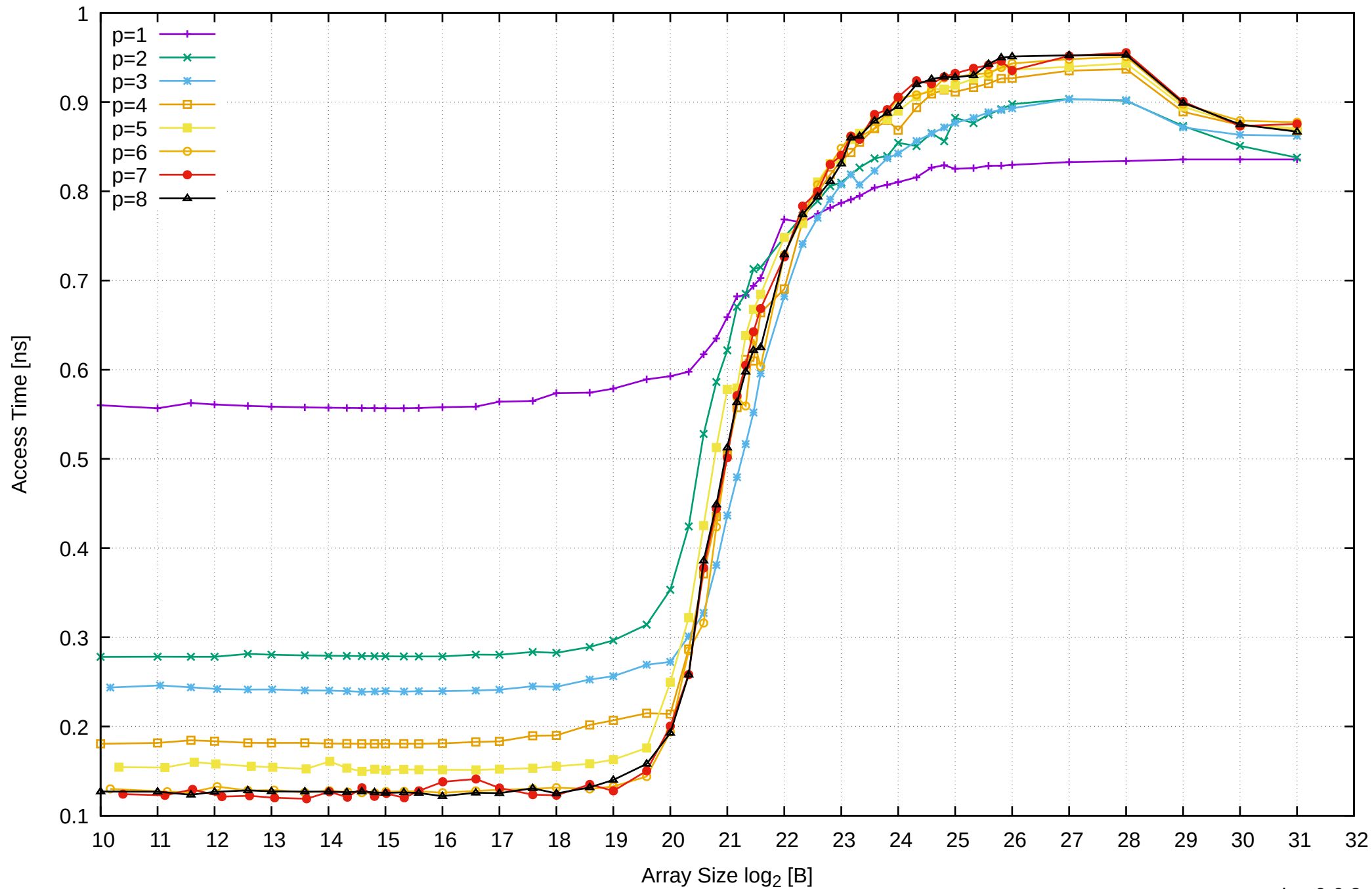
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32PtrSimpleLoop



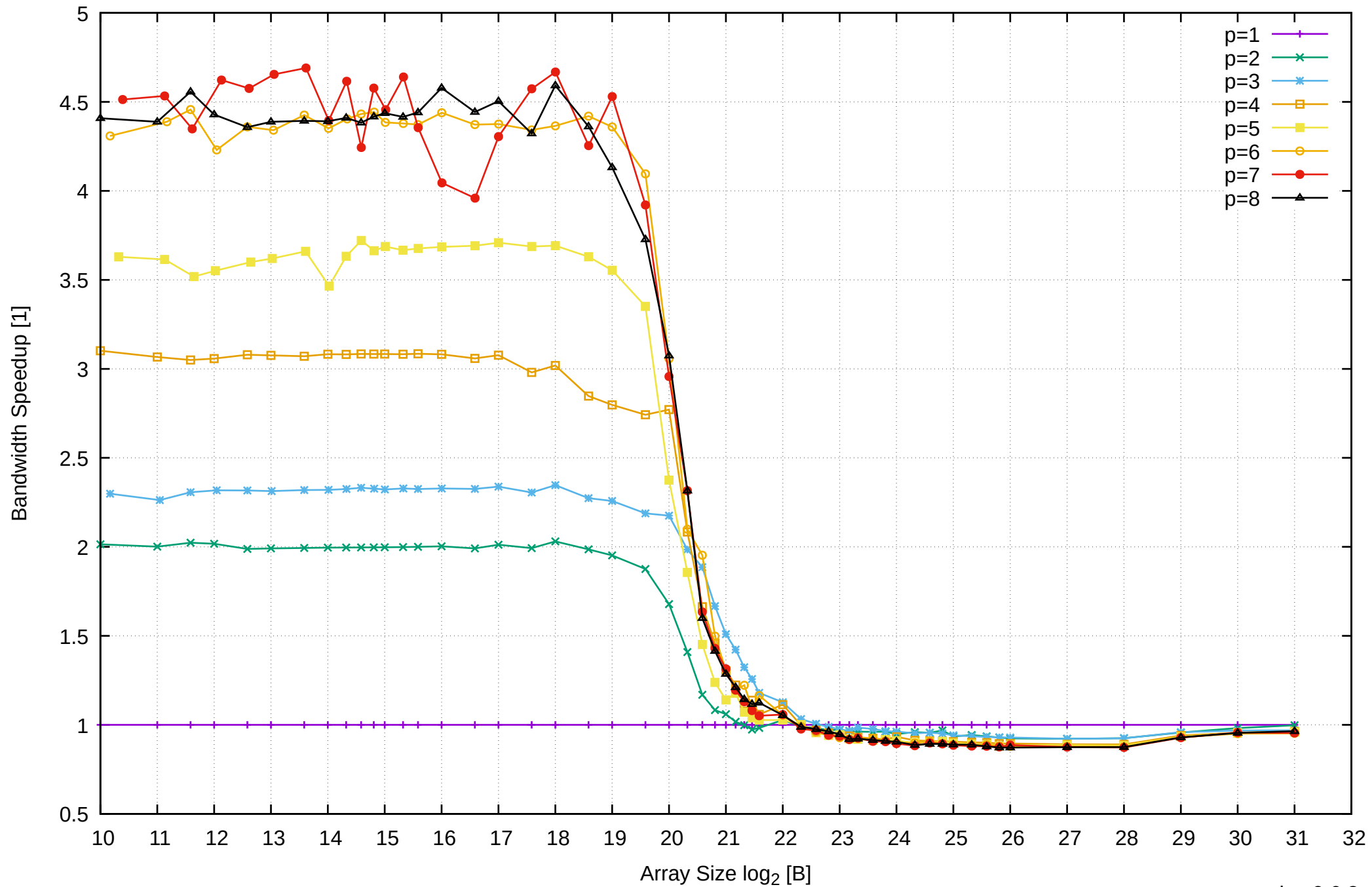
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop



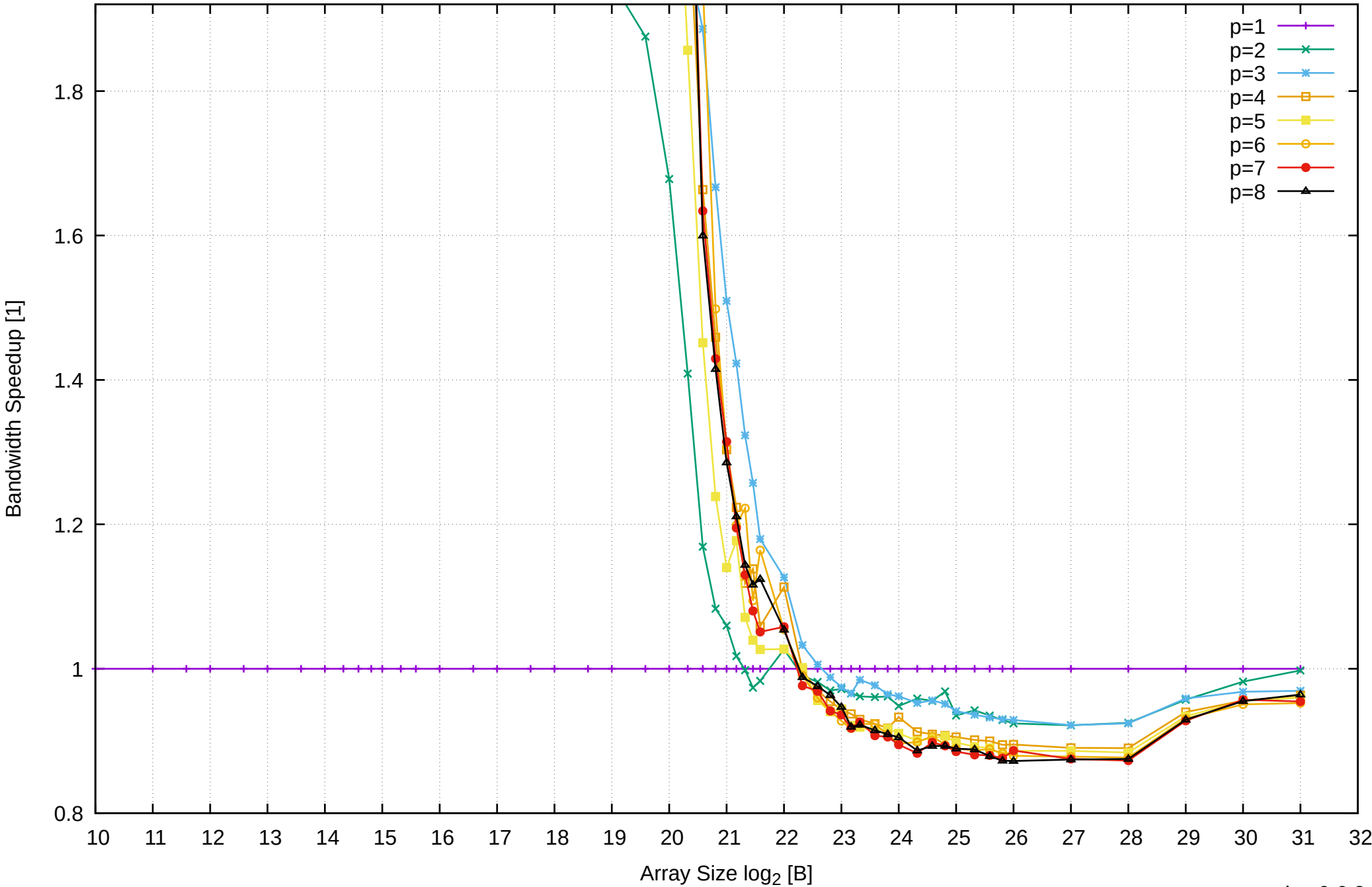
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - ScanWrite32PtrUnrollLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanWrite32PtrUnrollLoop

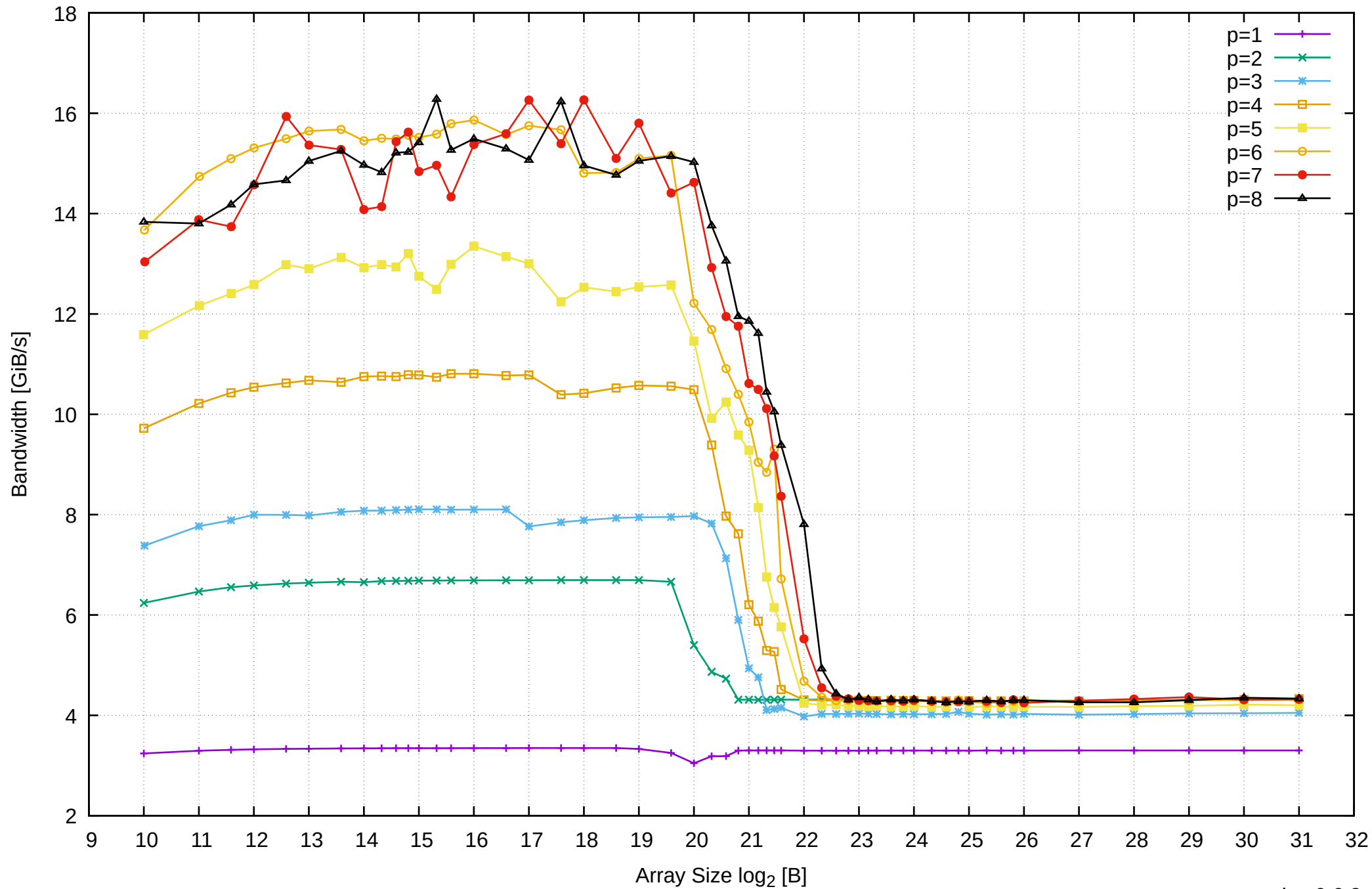


Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32PtrUnrollLoop

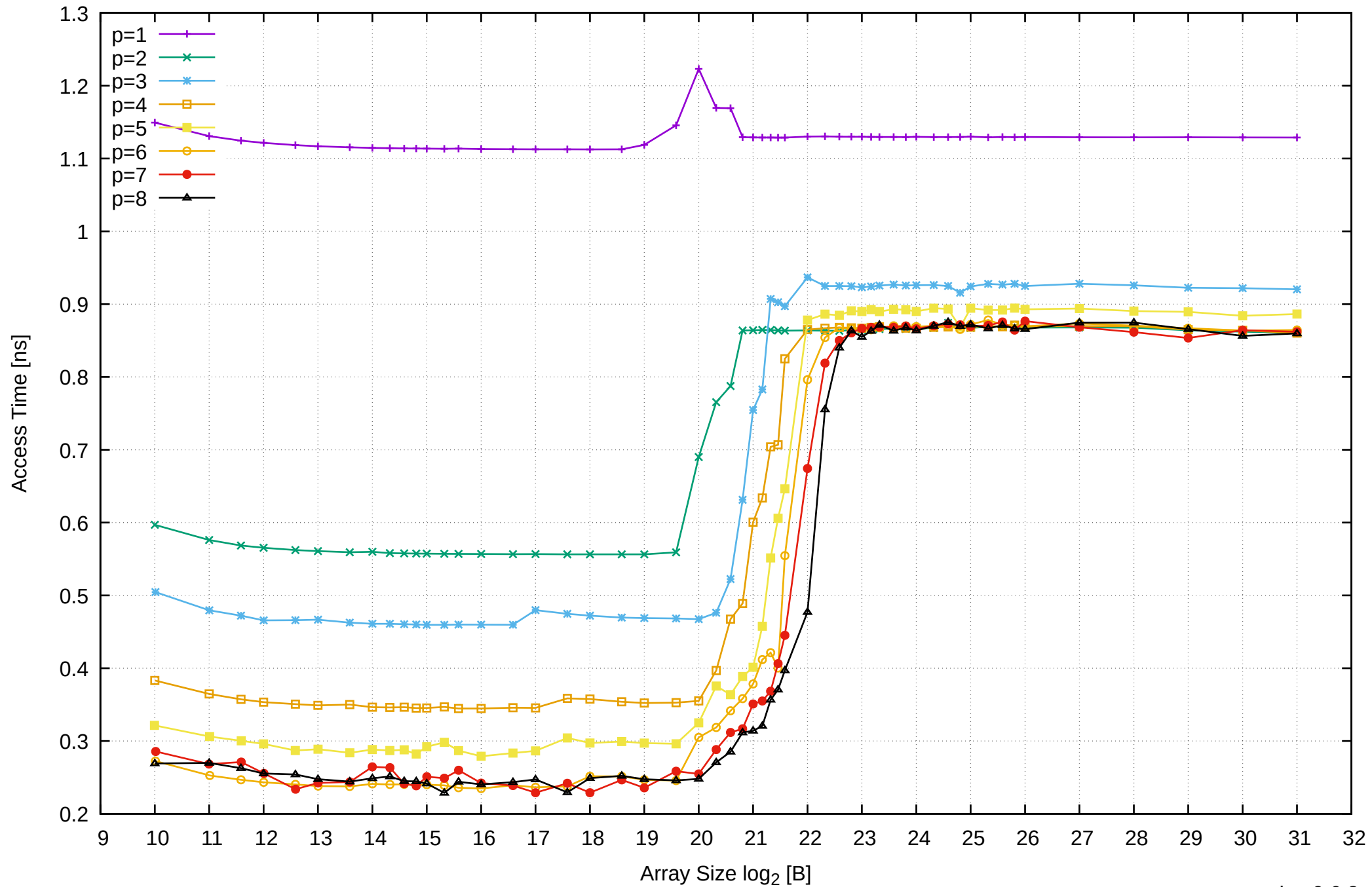




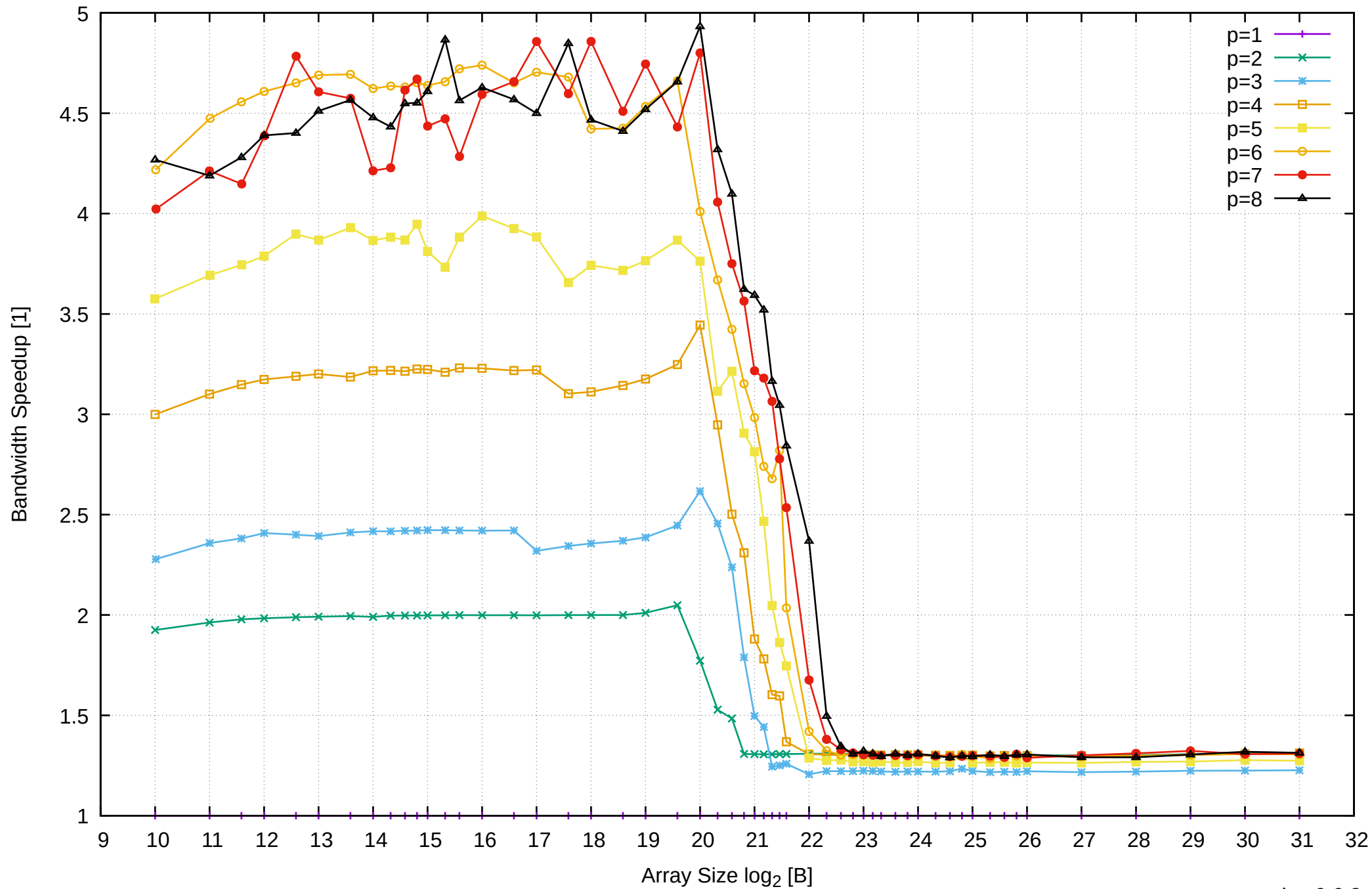
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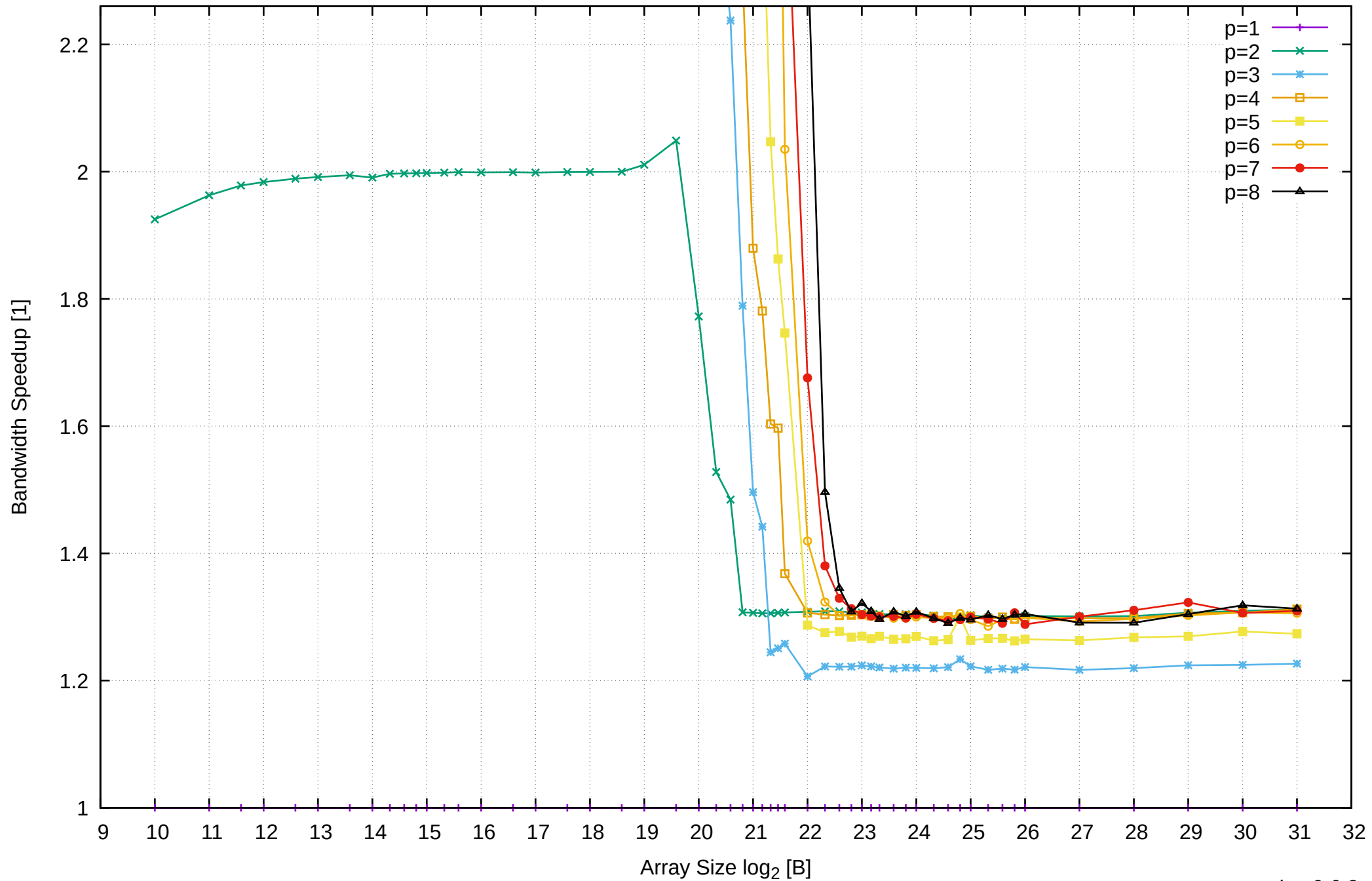
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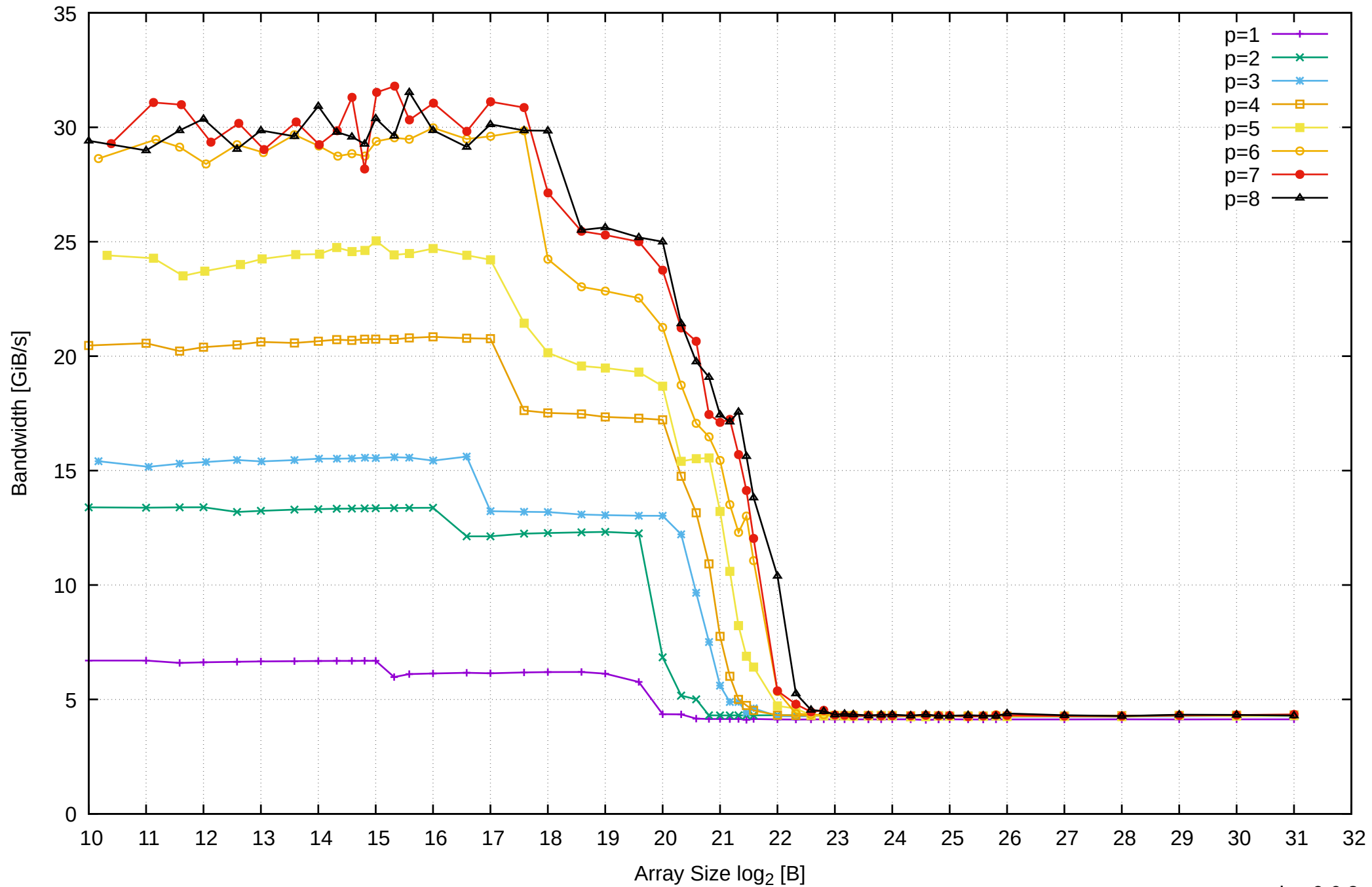
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrSimpleLoop



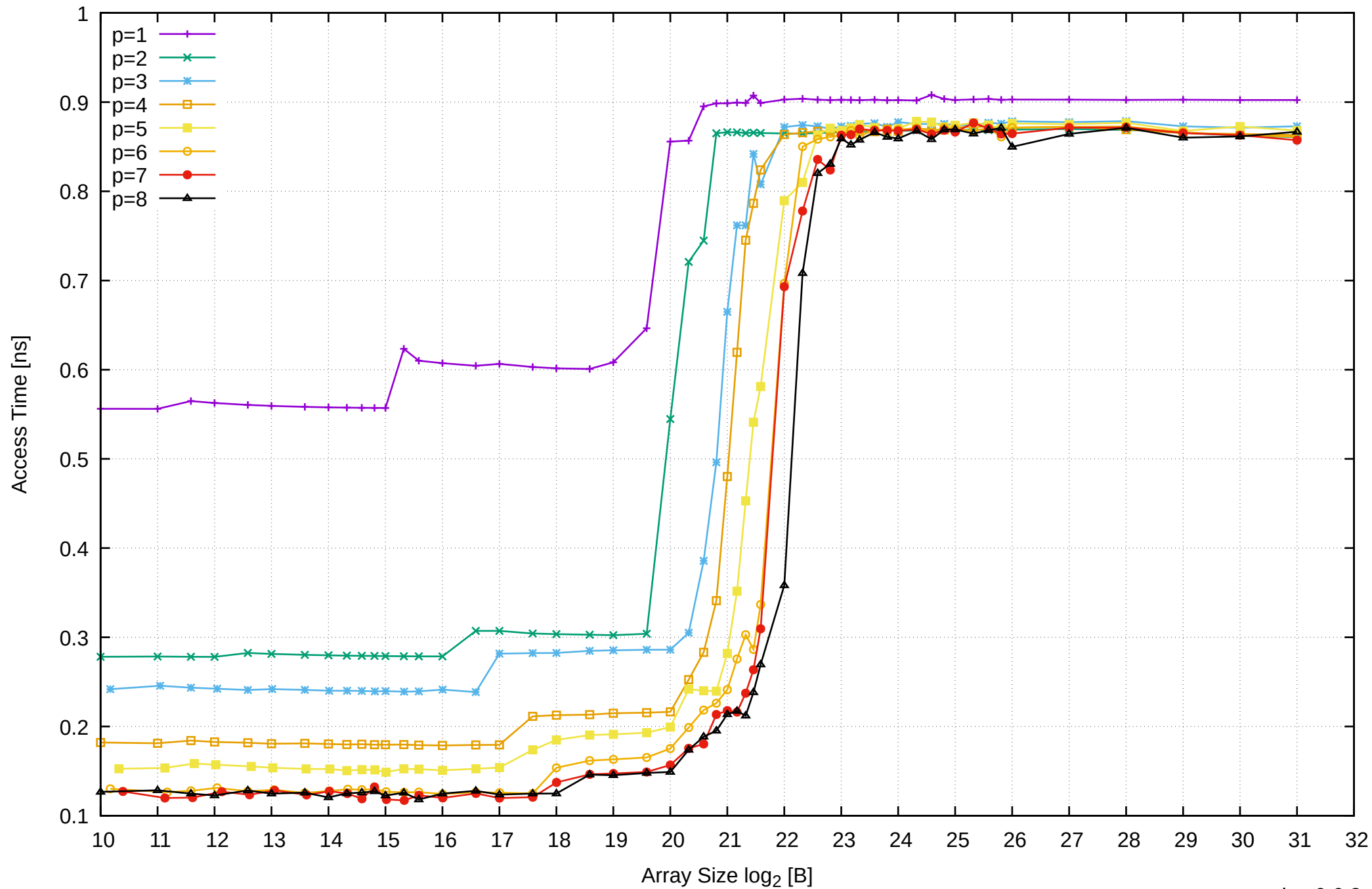
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32PtrSimpleLoop



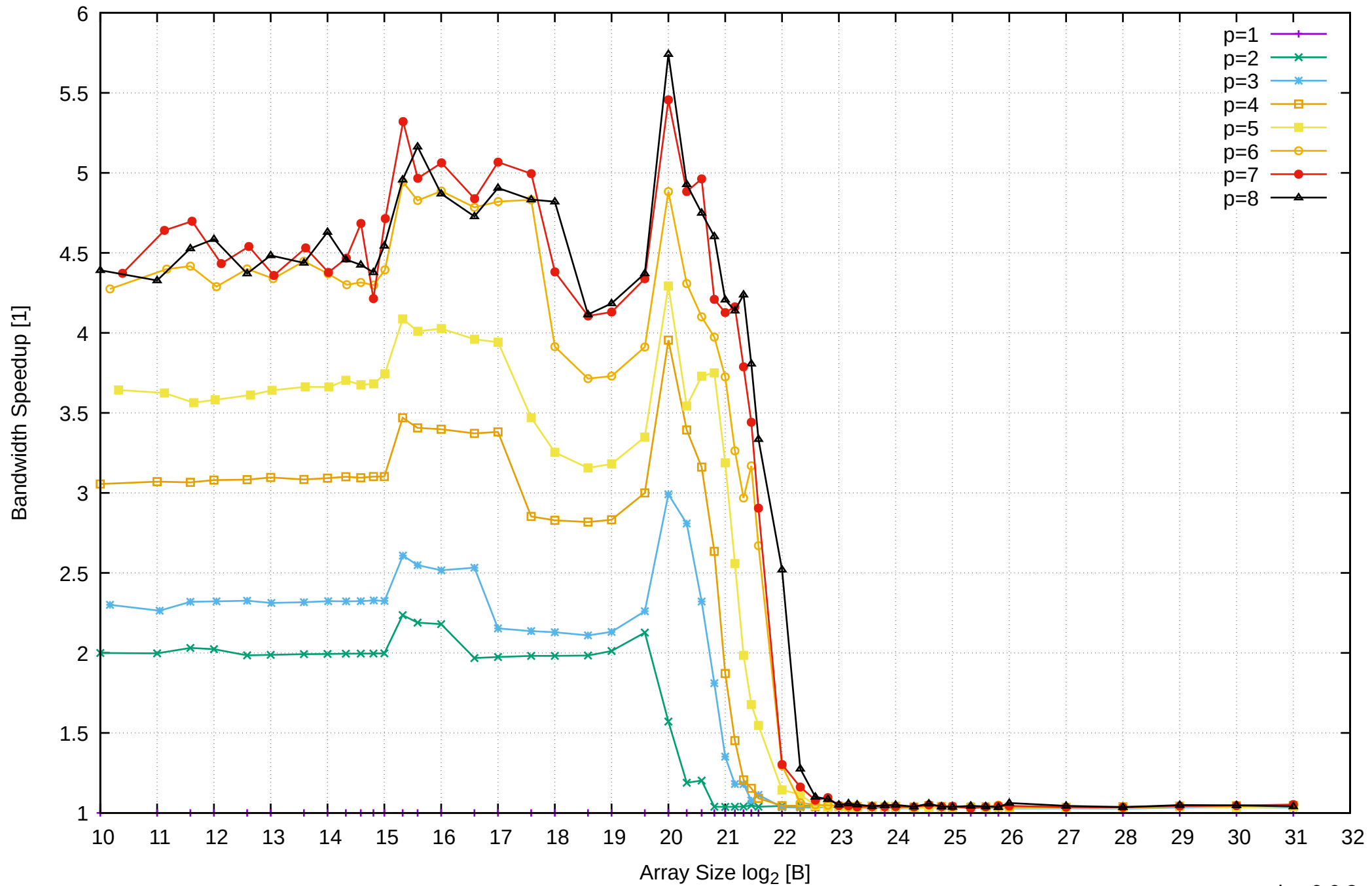
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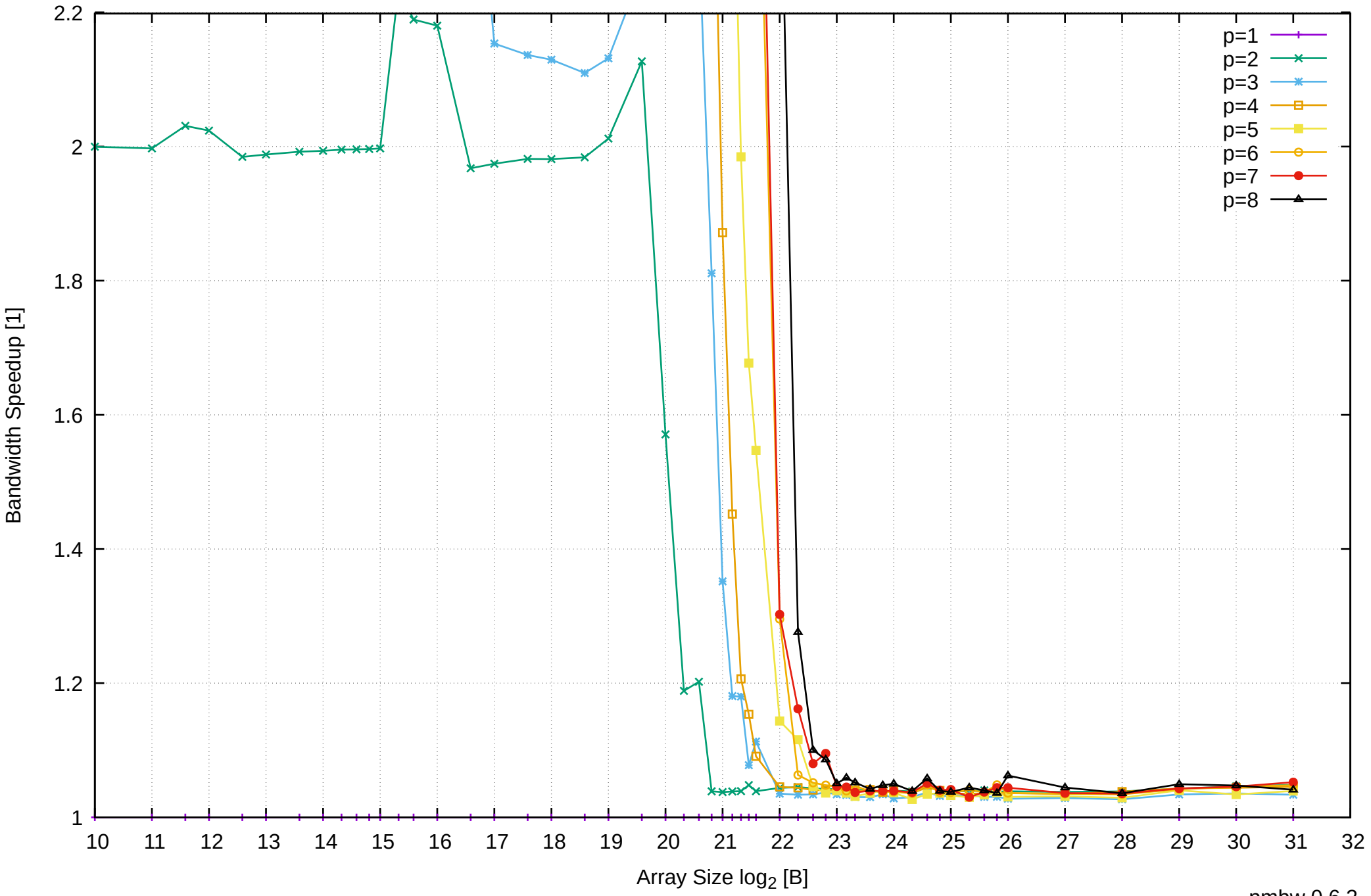
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - ScanRead32PtrUnrollLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanRead32PtrUnrollLoop

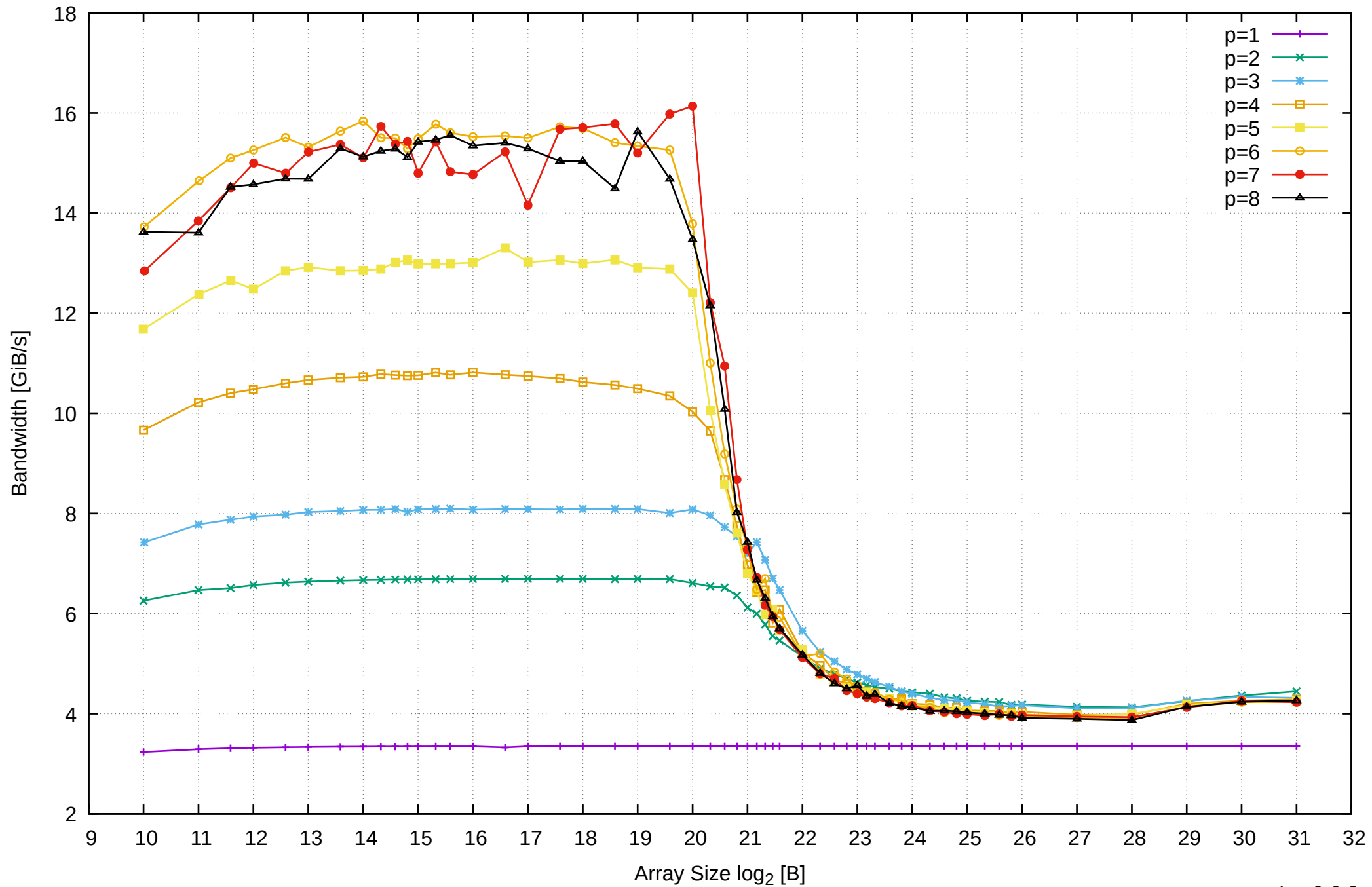


Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32PtrUnrollLoop

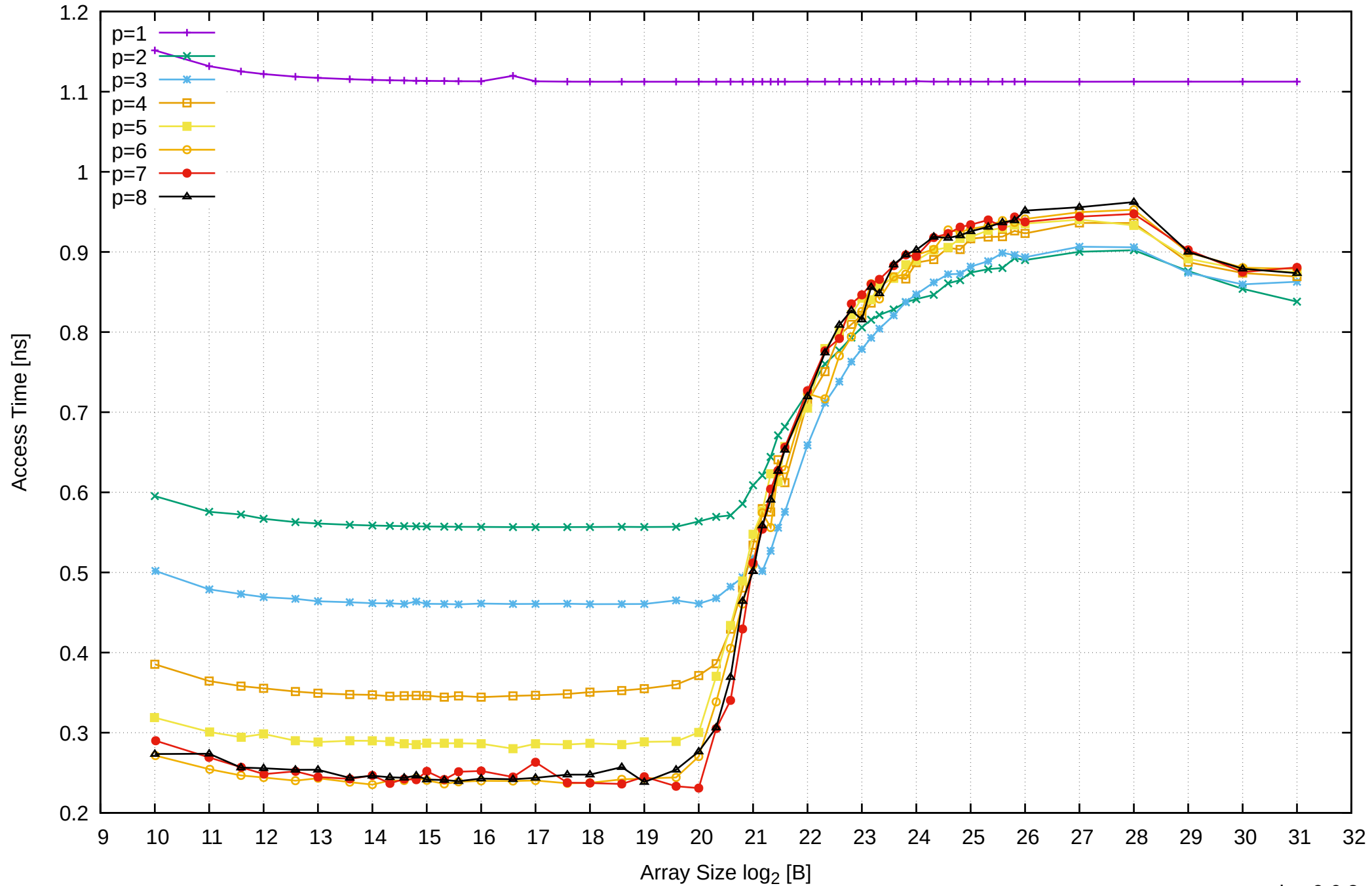




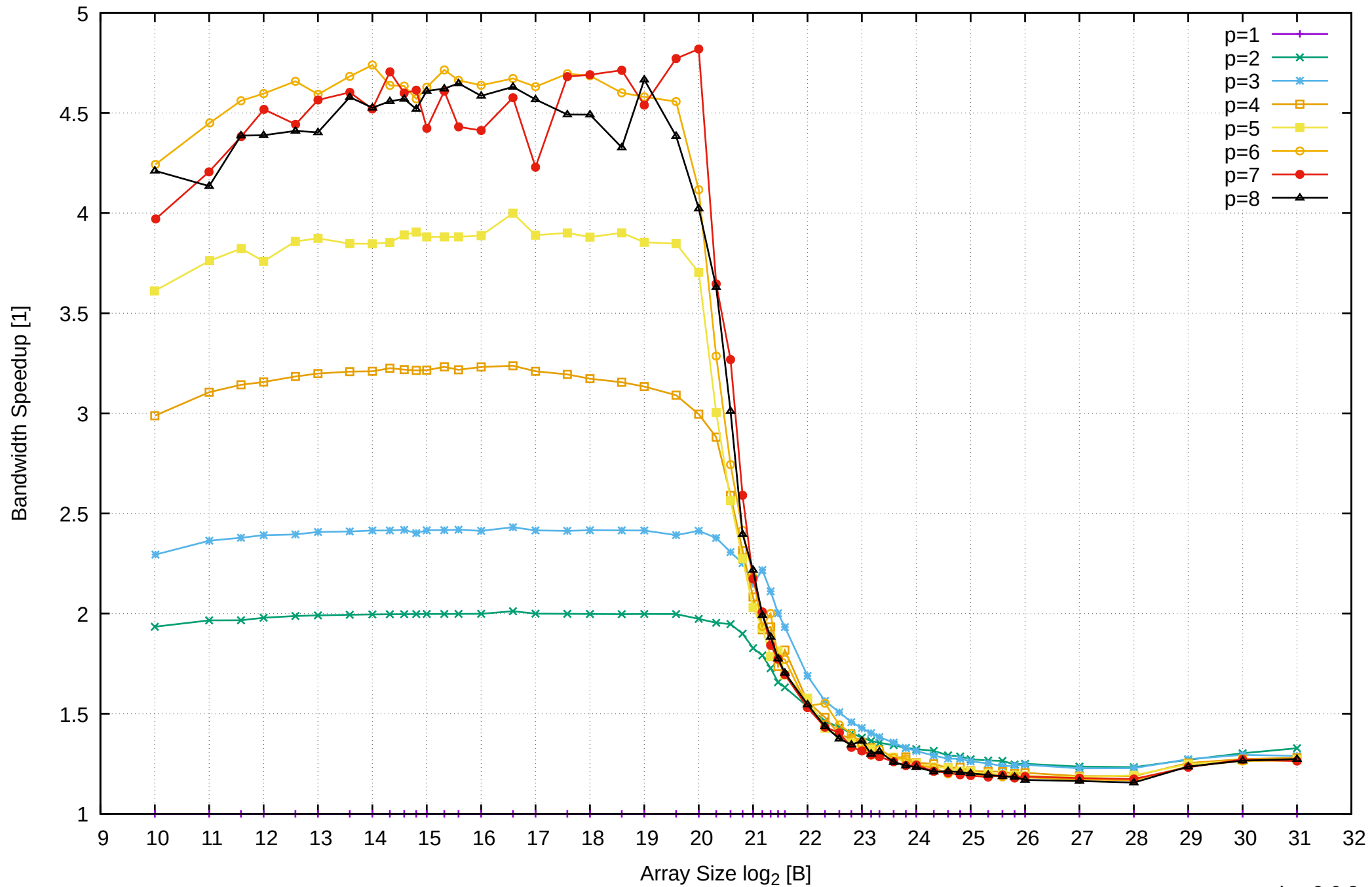
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - ScanWrite32IndexSimpleLoop



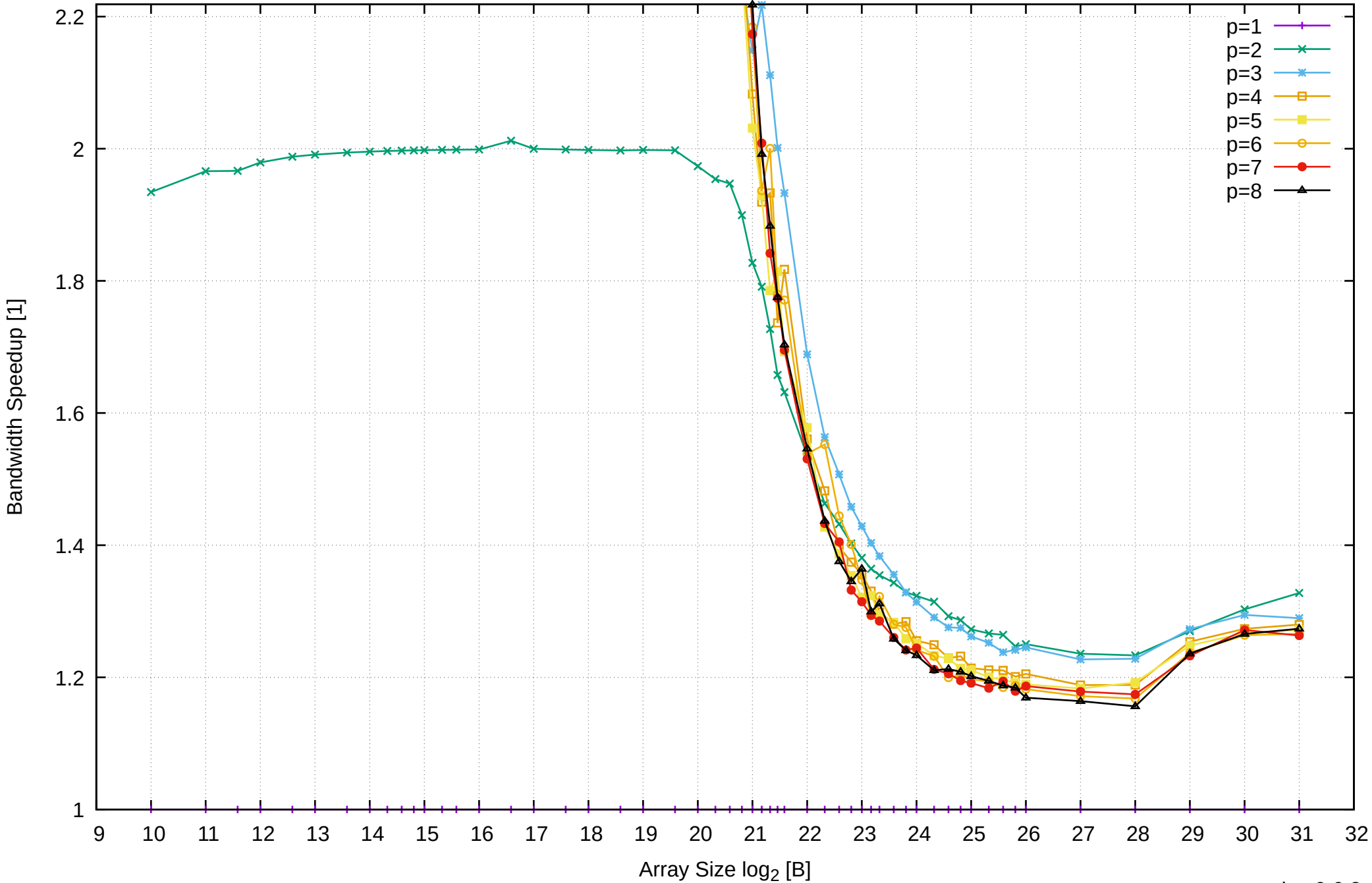
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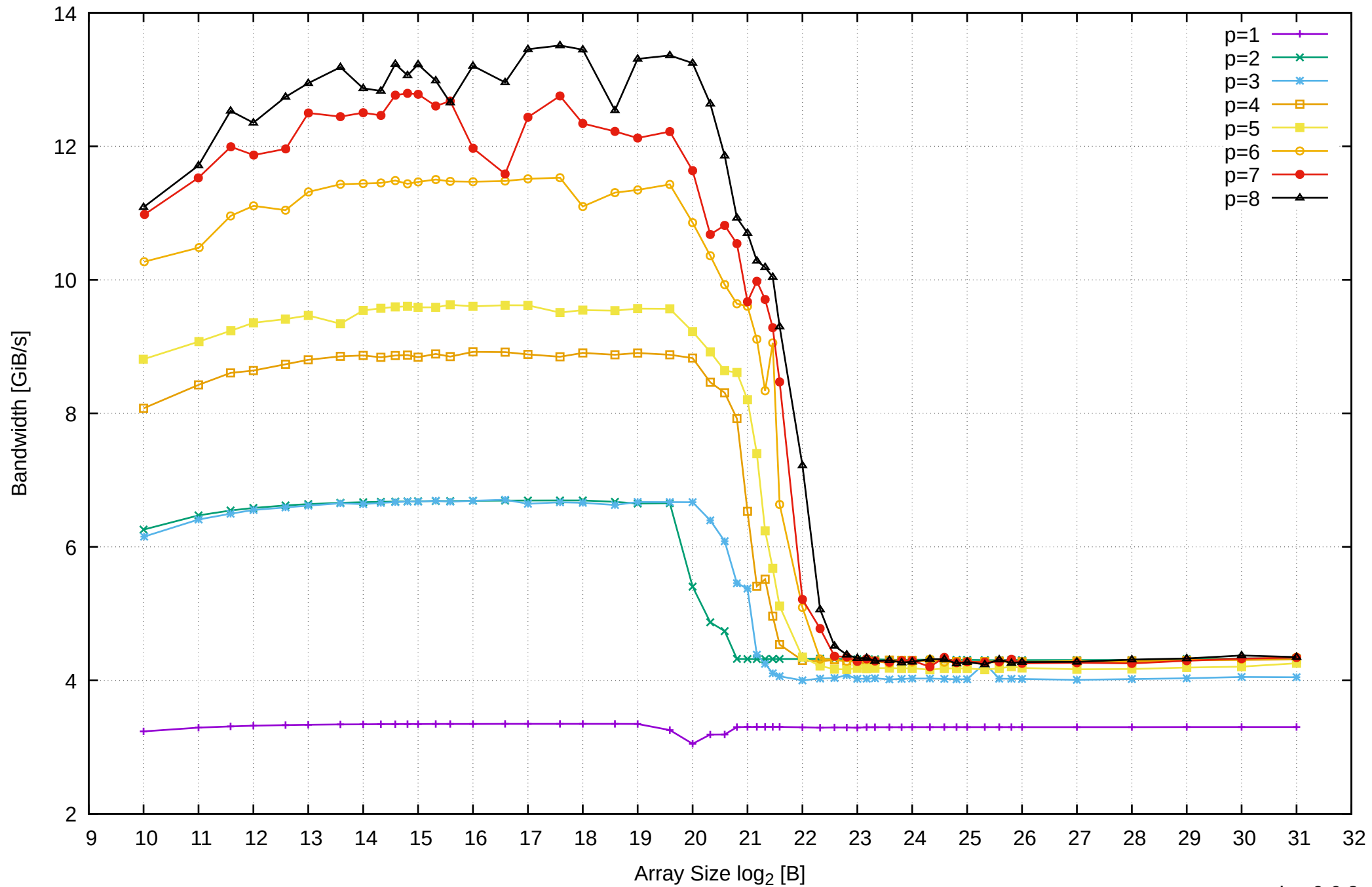
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanWrite32IndexSimpleLoop



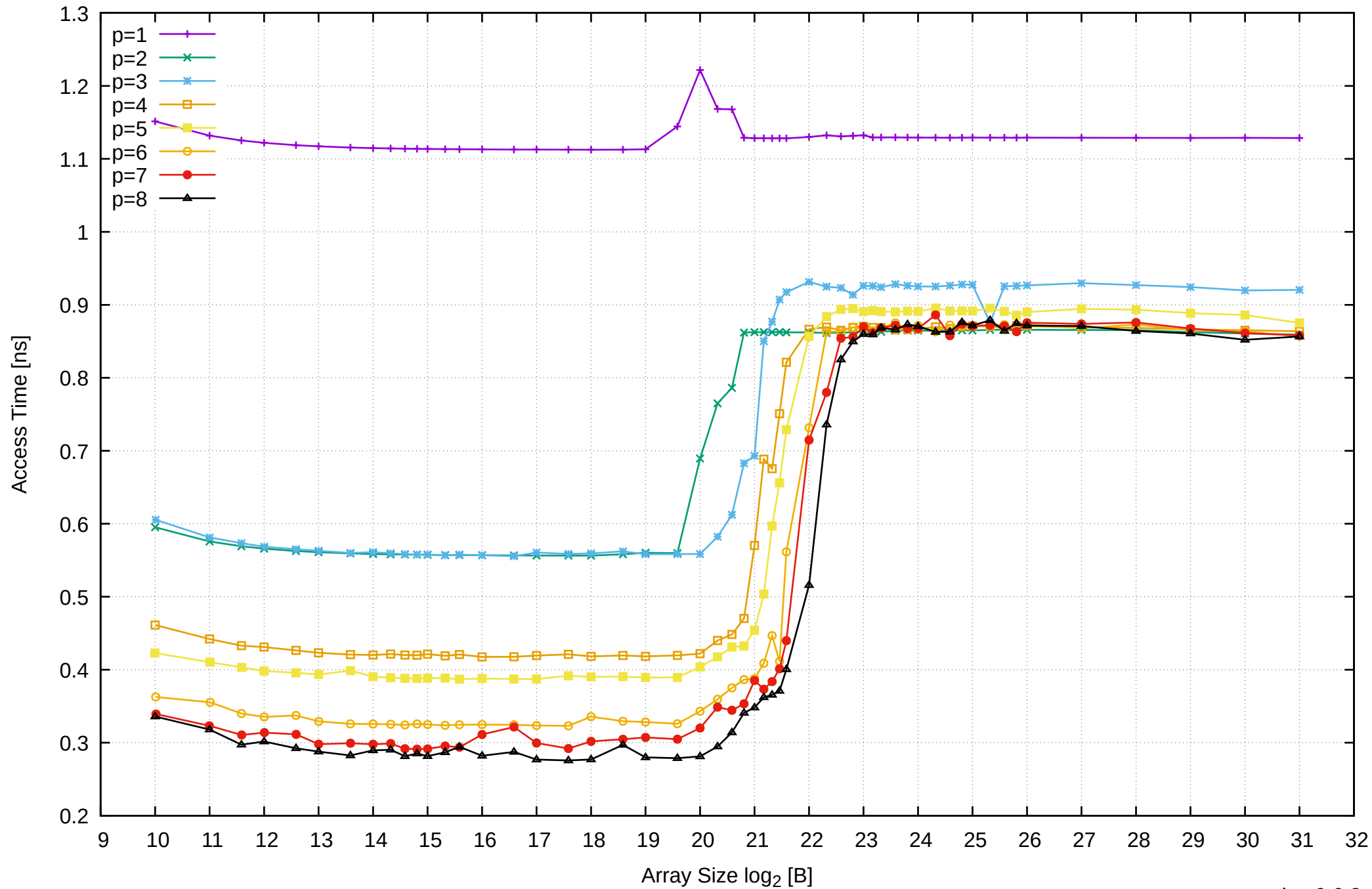
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanWrite32IndexSimpleLoop



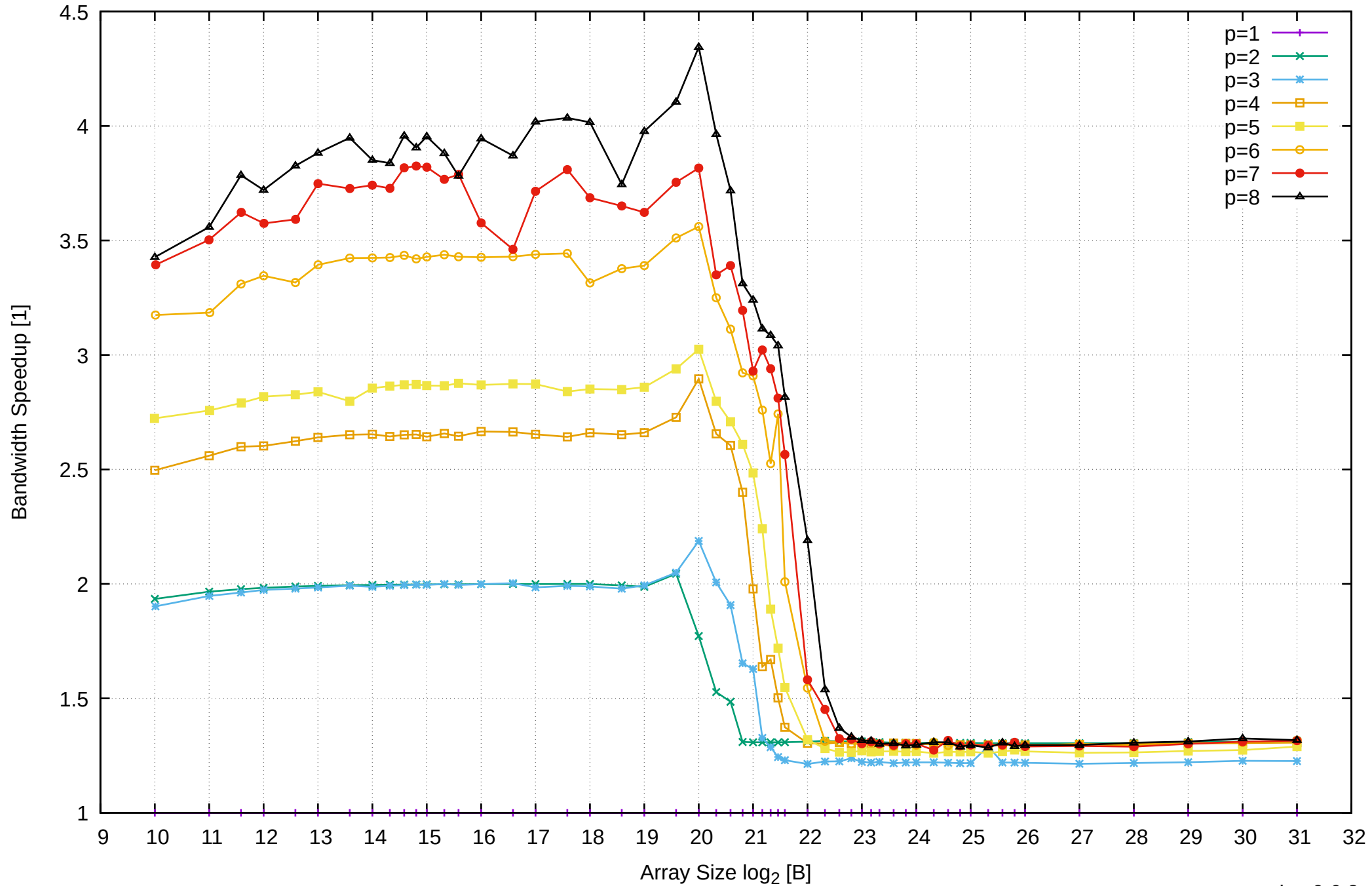
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - ScanRead32IndexSimpleLoop



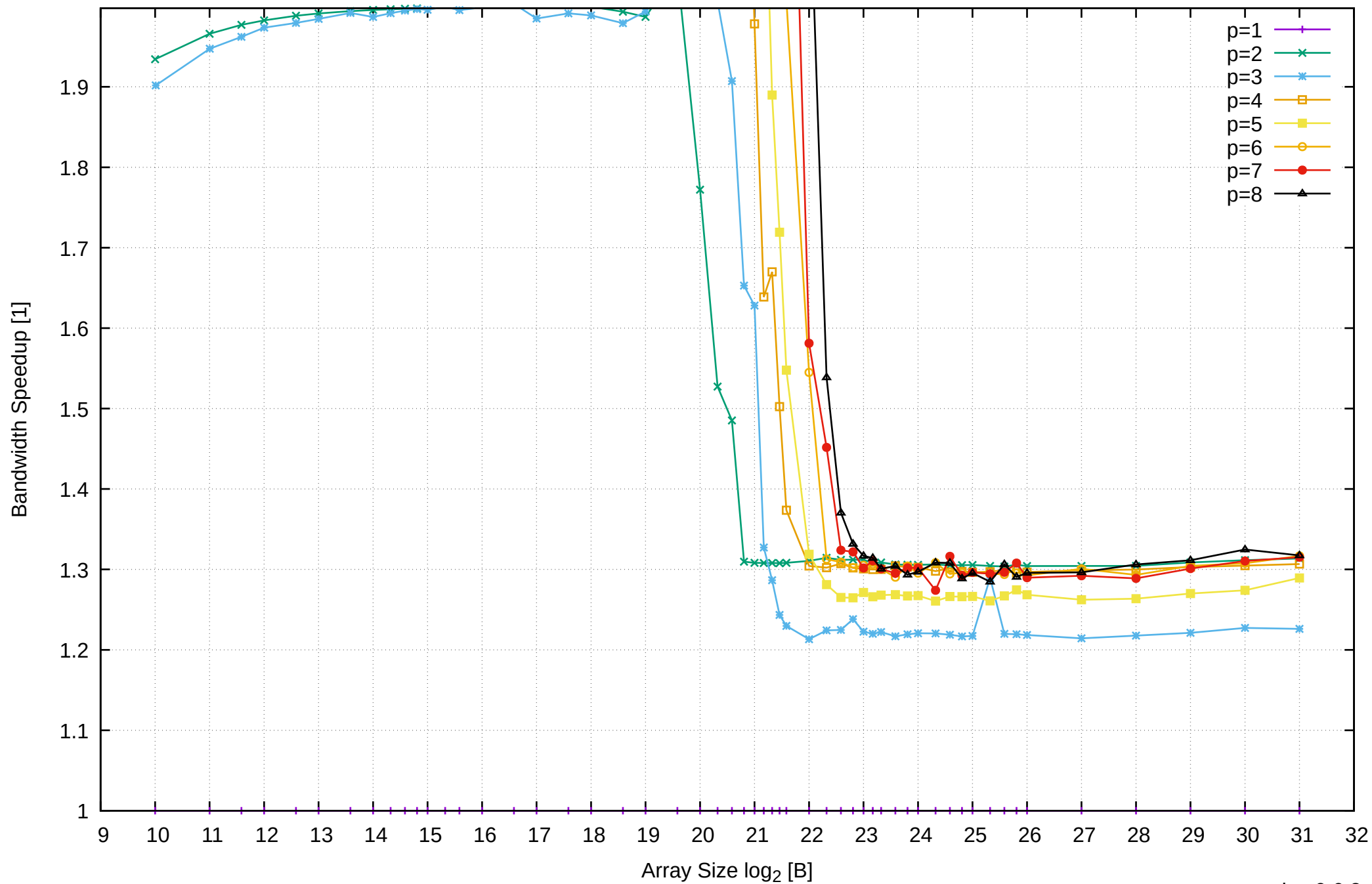
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - ScanRead32IndexSimpleLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - ScanRead32IndexSimpleLoop

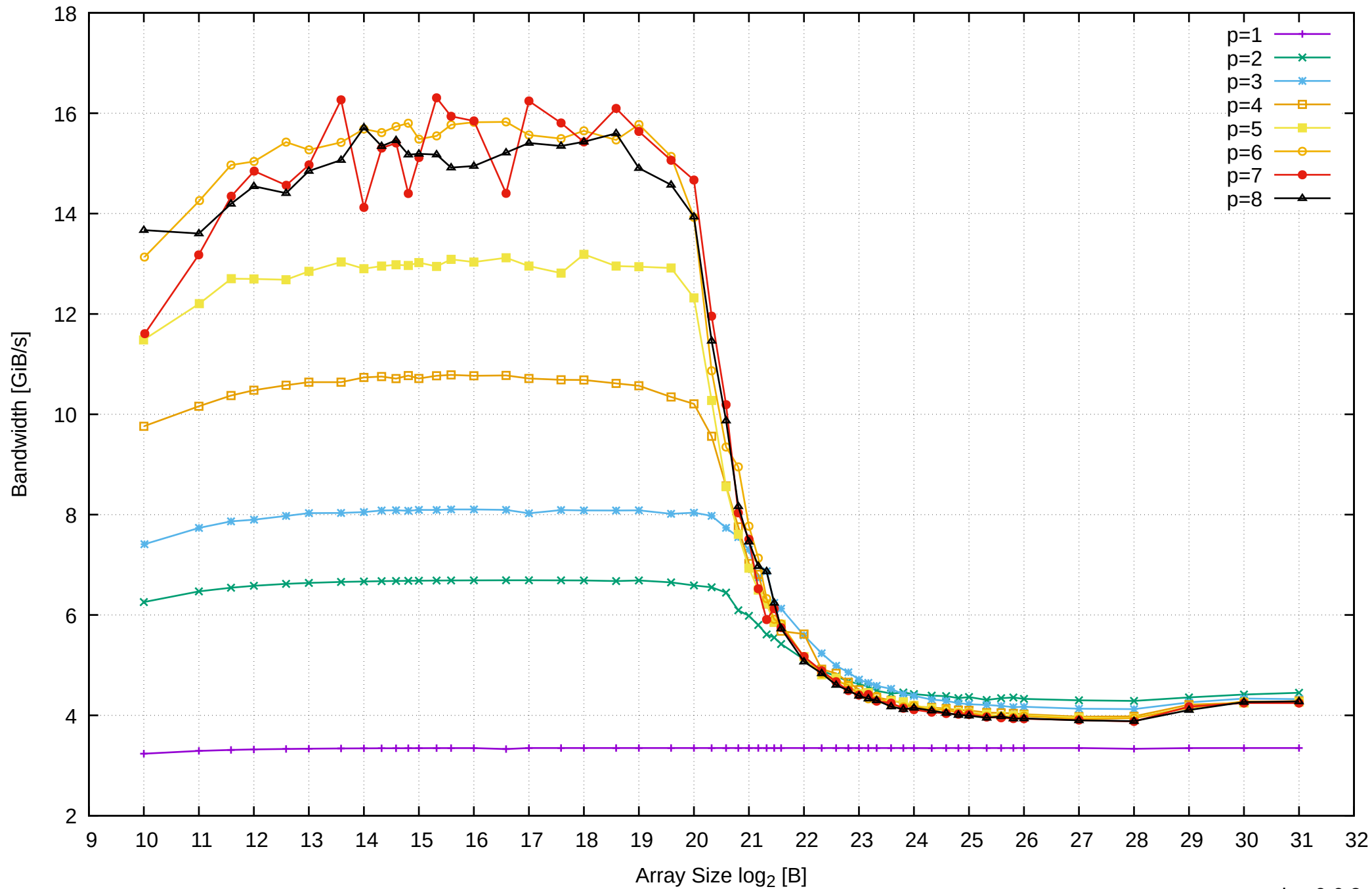


Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - ScanRead32IndexSimpleLoop

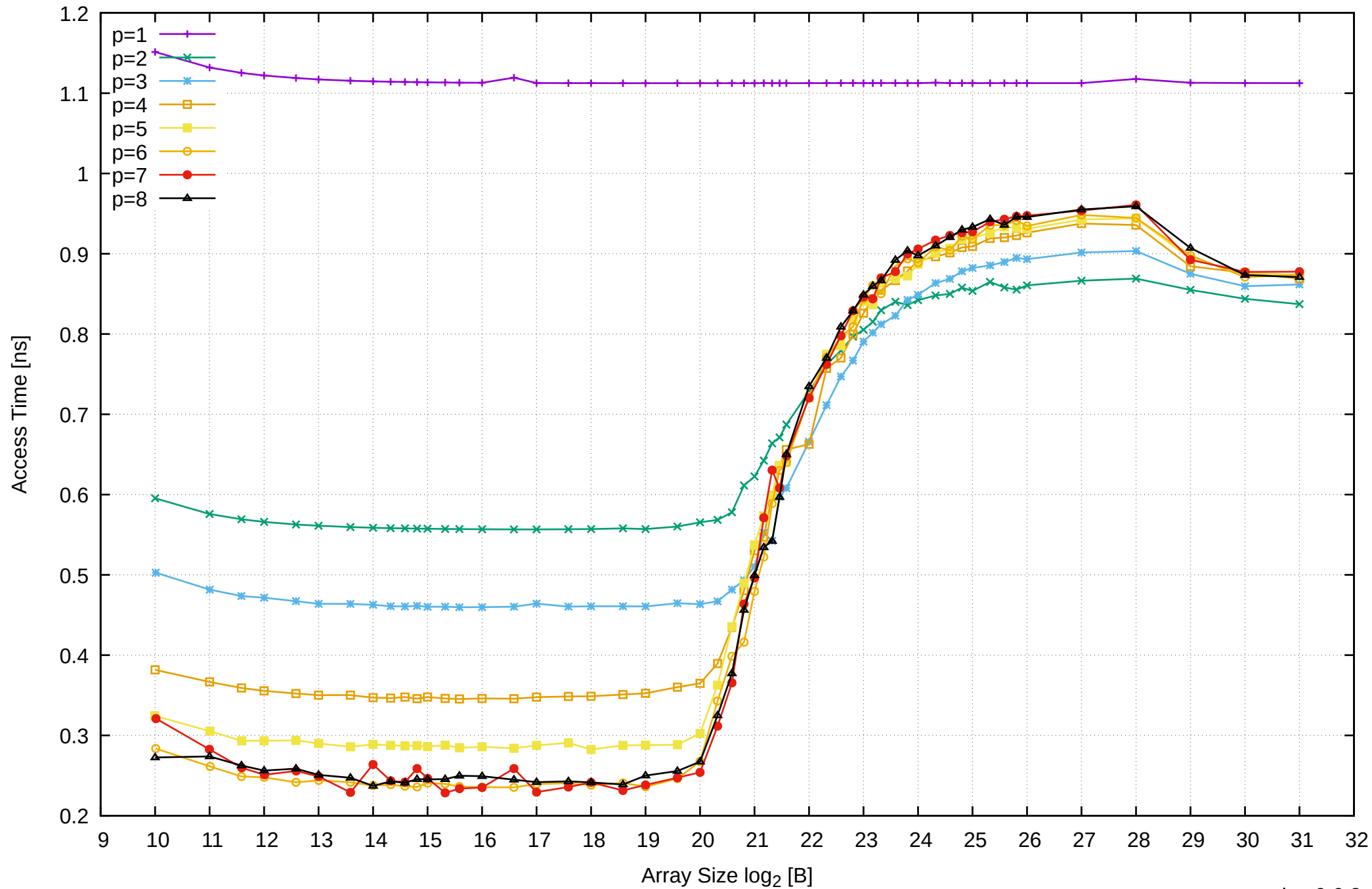




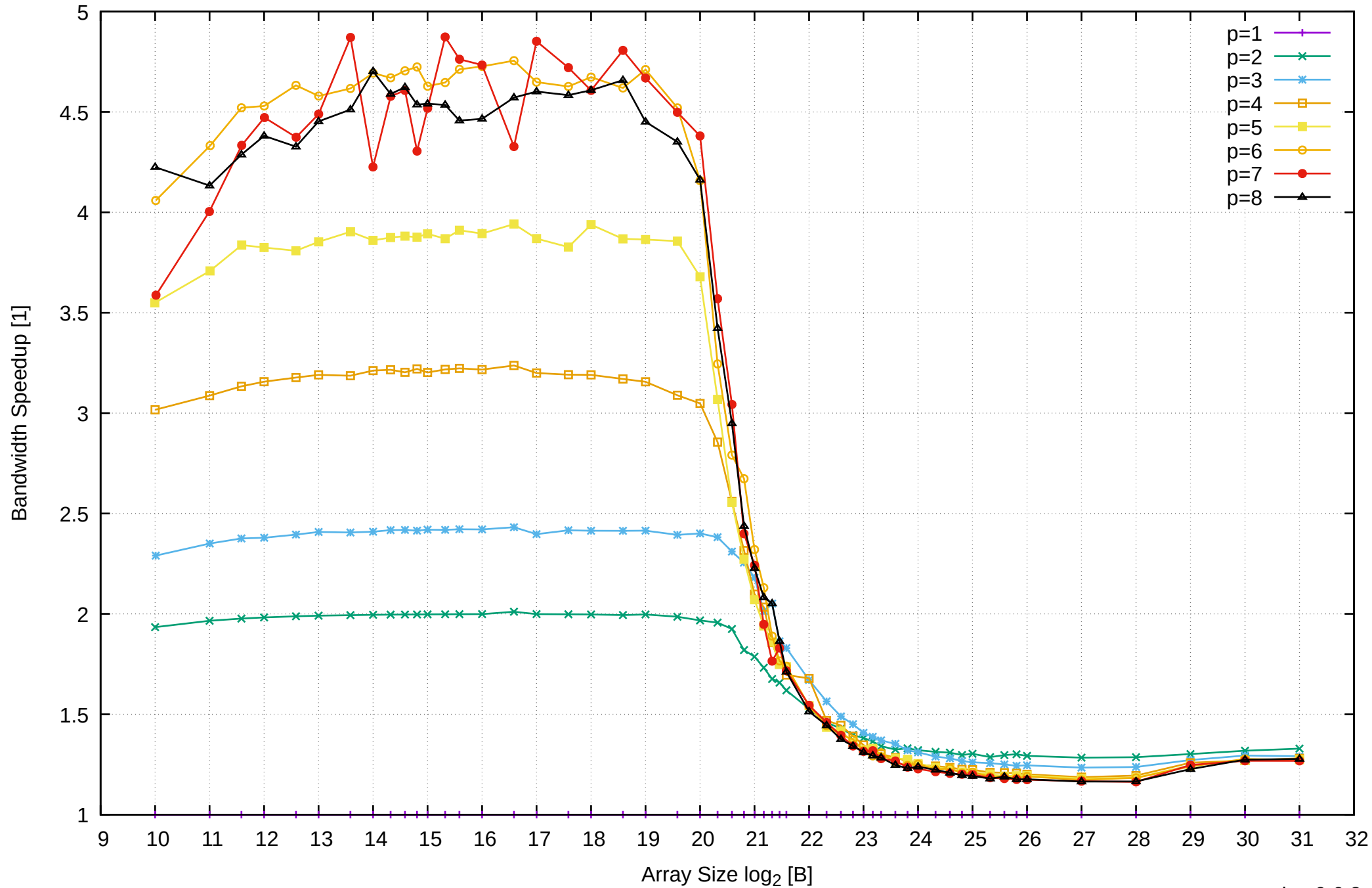
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - cScanWrite32PtrSimpleLoop



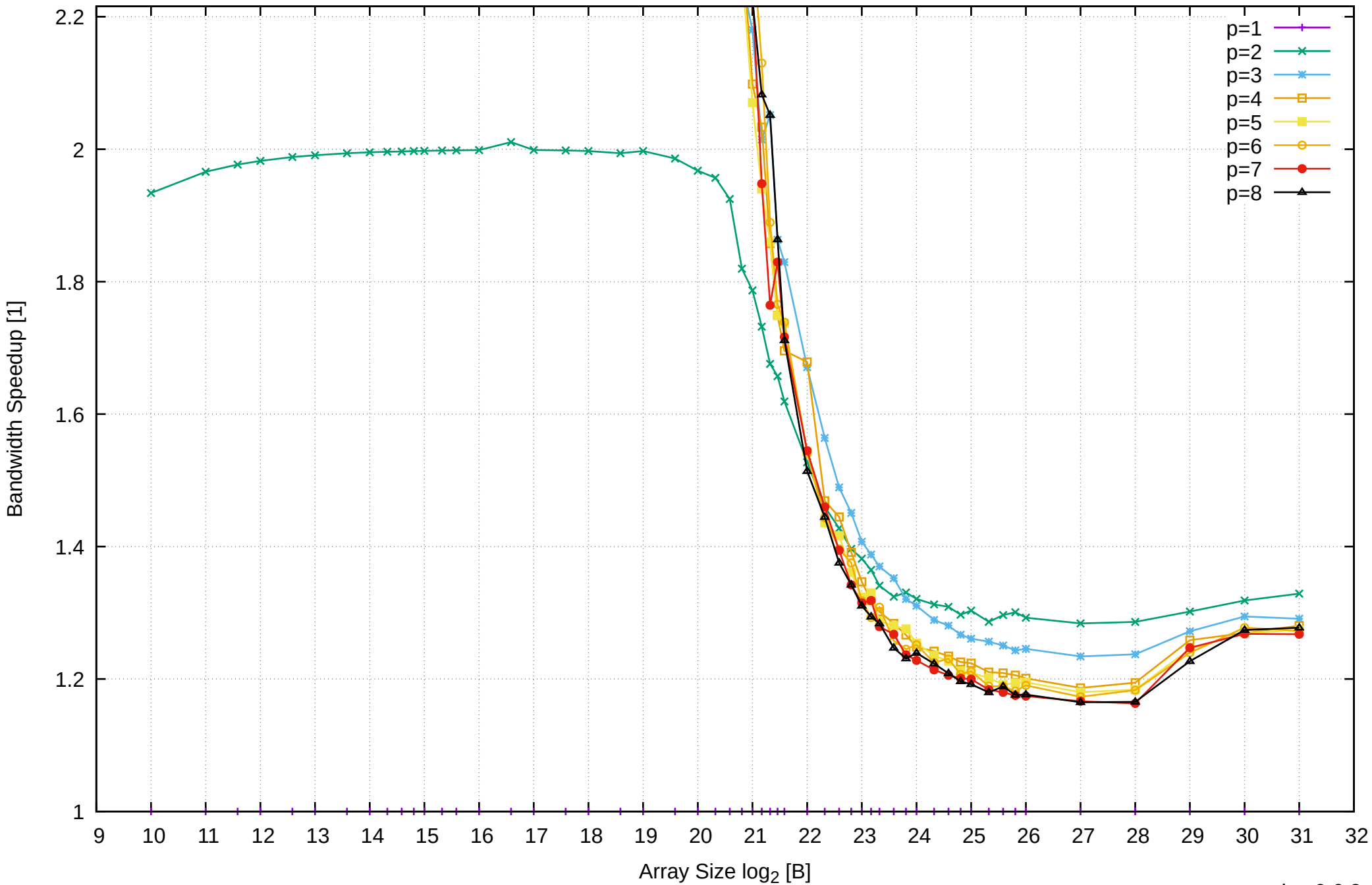
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - cScanWrite32PtrSimpleLoop



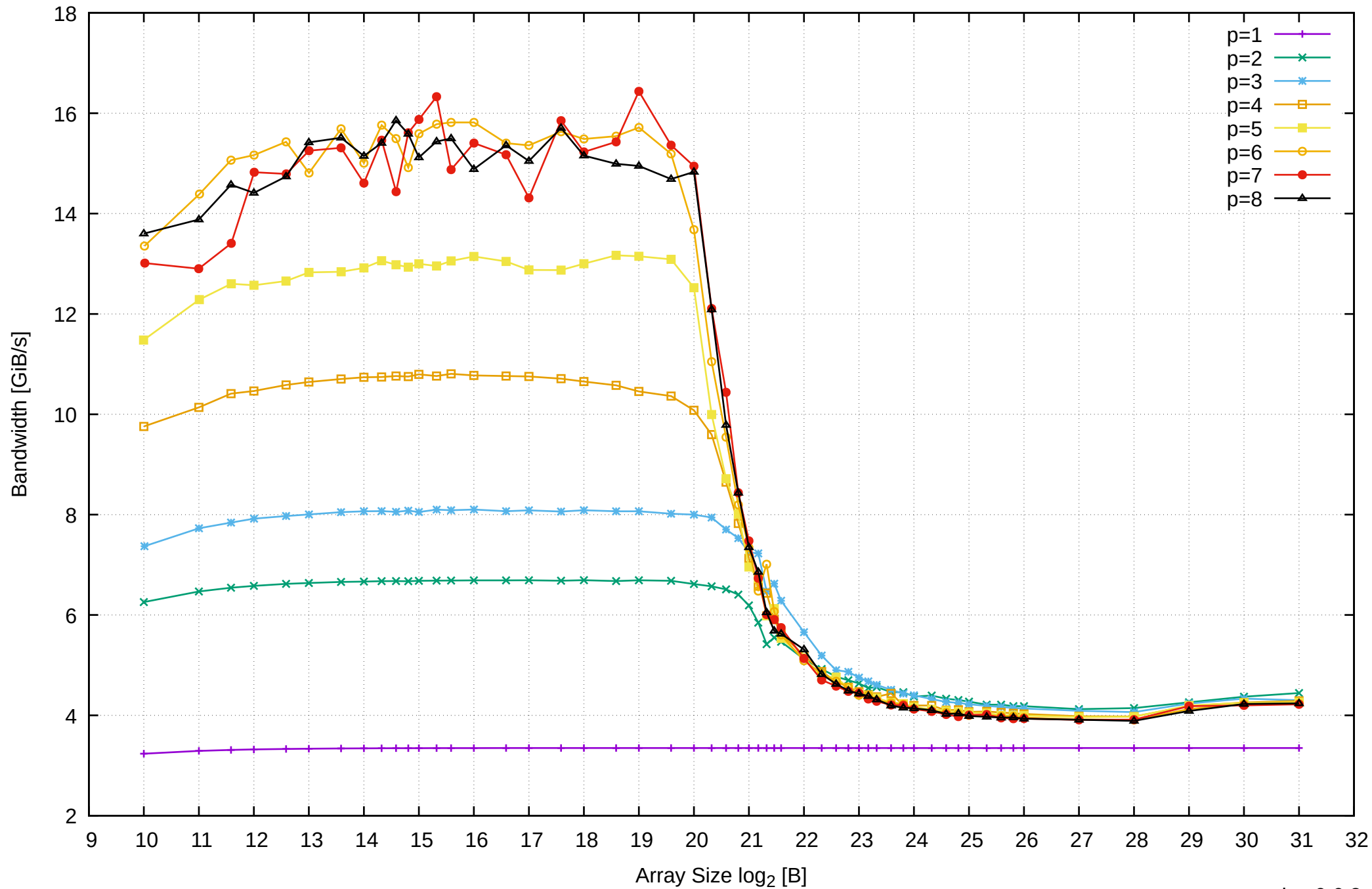
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - cScanWrite32PtrSimpleLoop



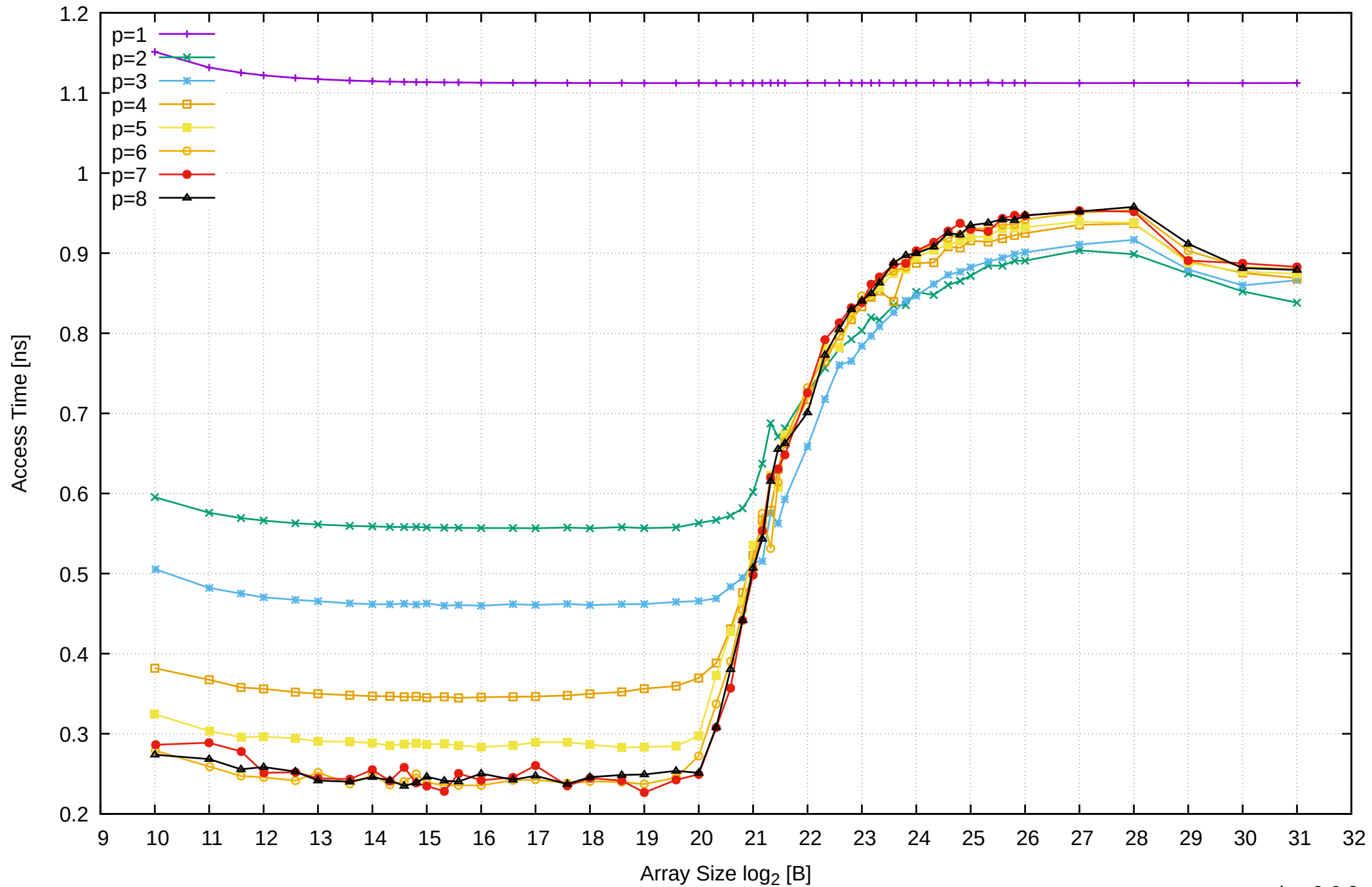
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - cScanWrite32PtrSimpleLoop



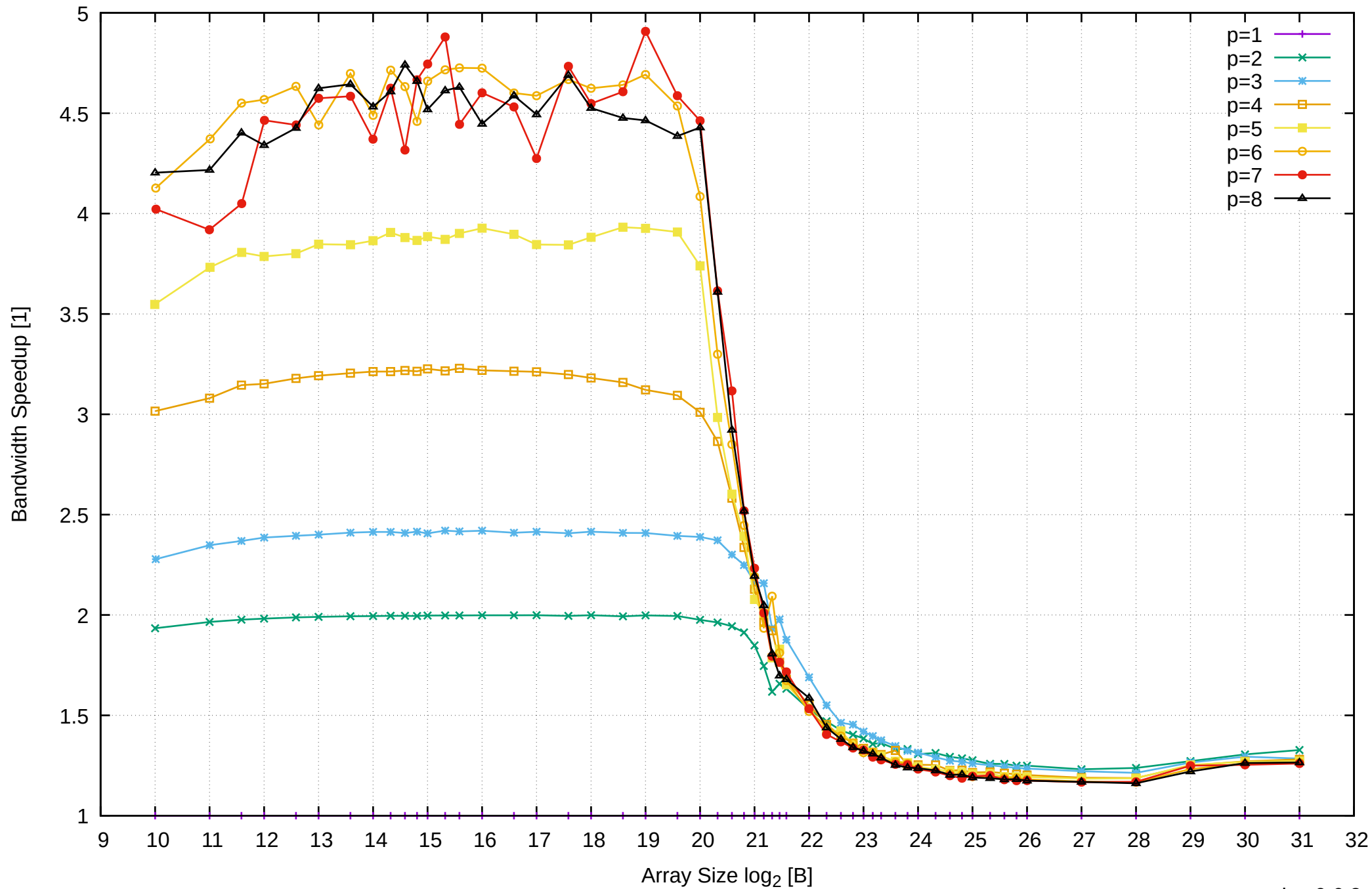
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - cScanWrite32IndexSimpleLoop



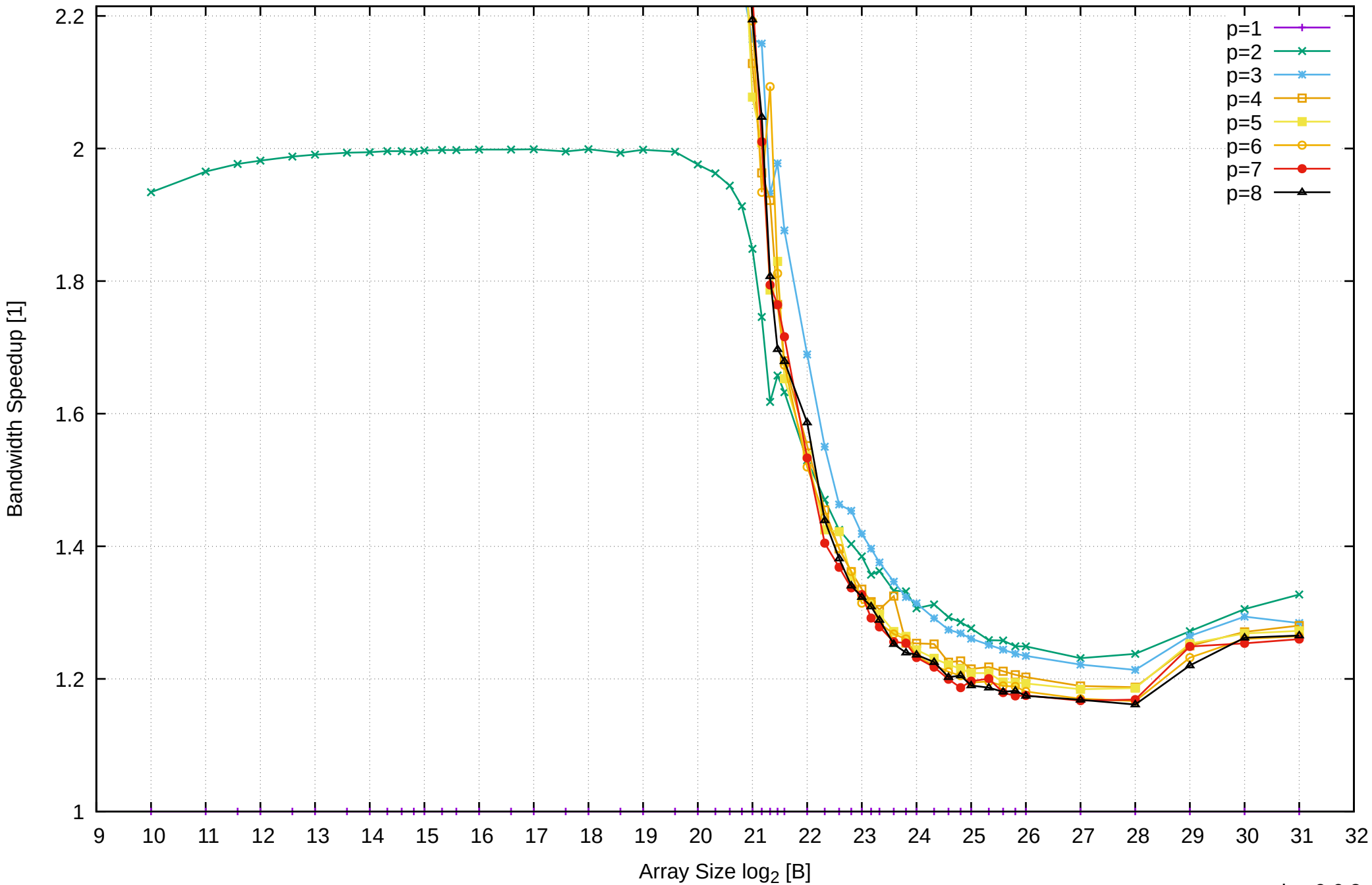
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - cScanWrite32IndexSimpleLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - cScanWrite32IndexSimpleLoop

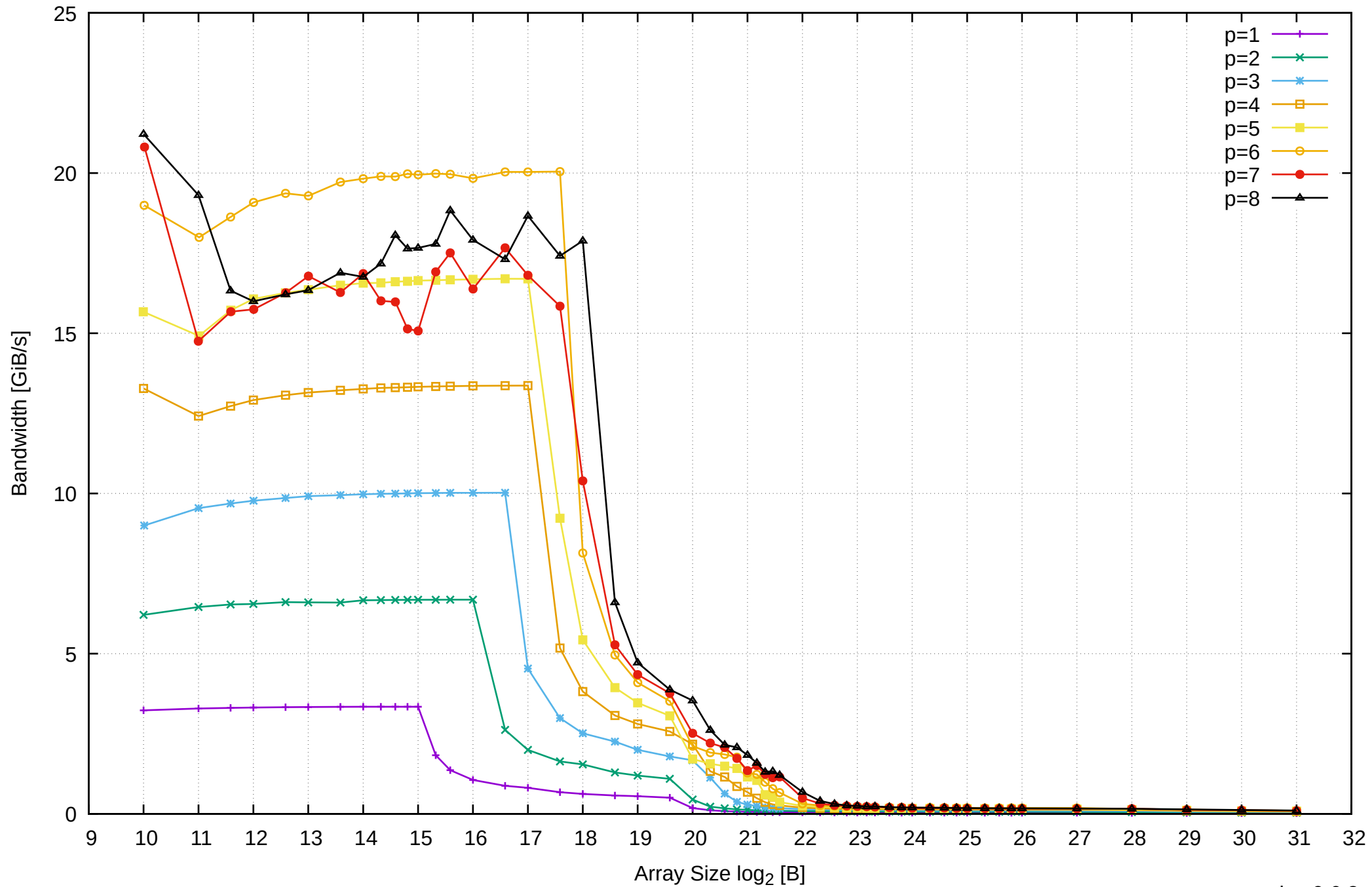


Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - cScanWrite32IndexSimpleLoop

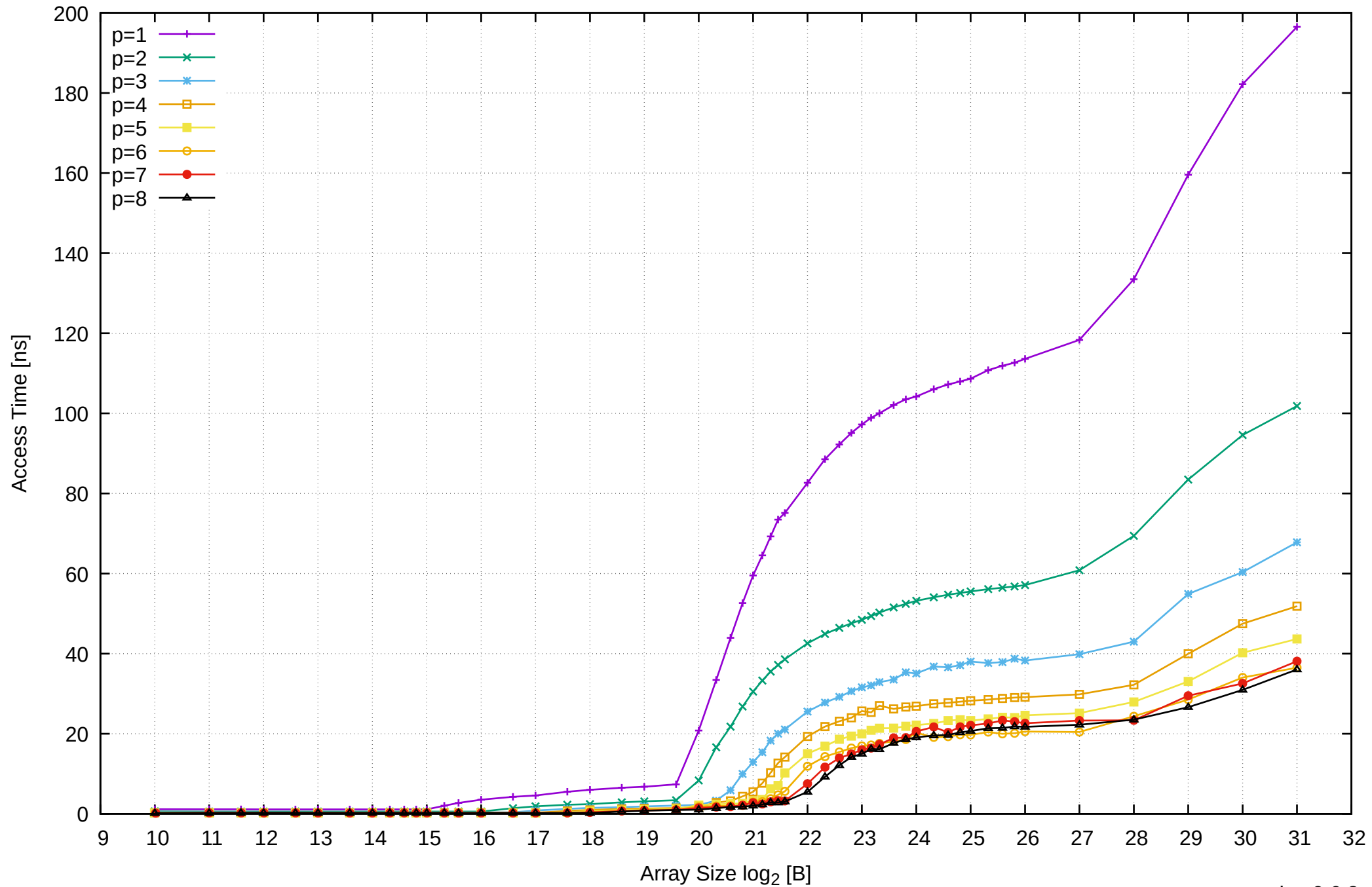




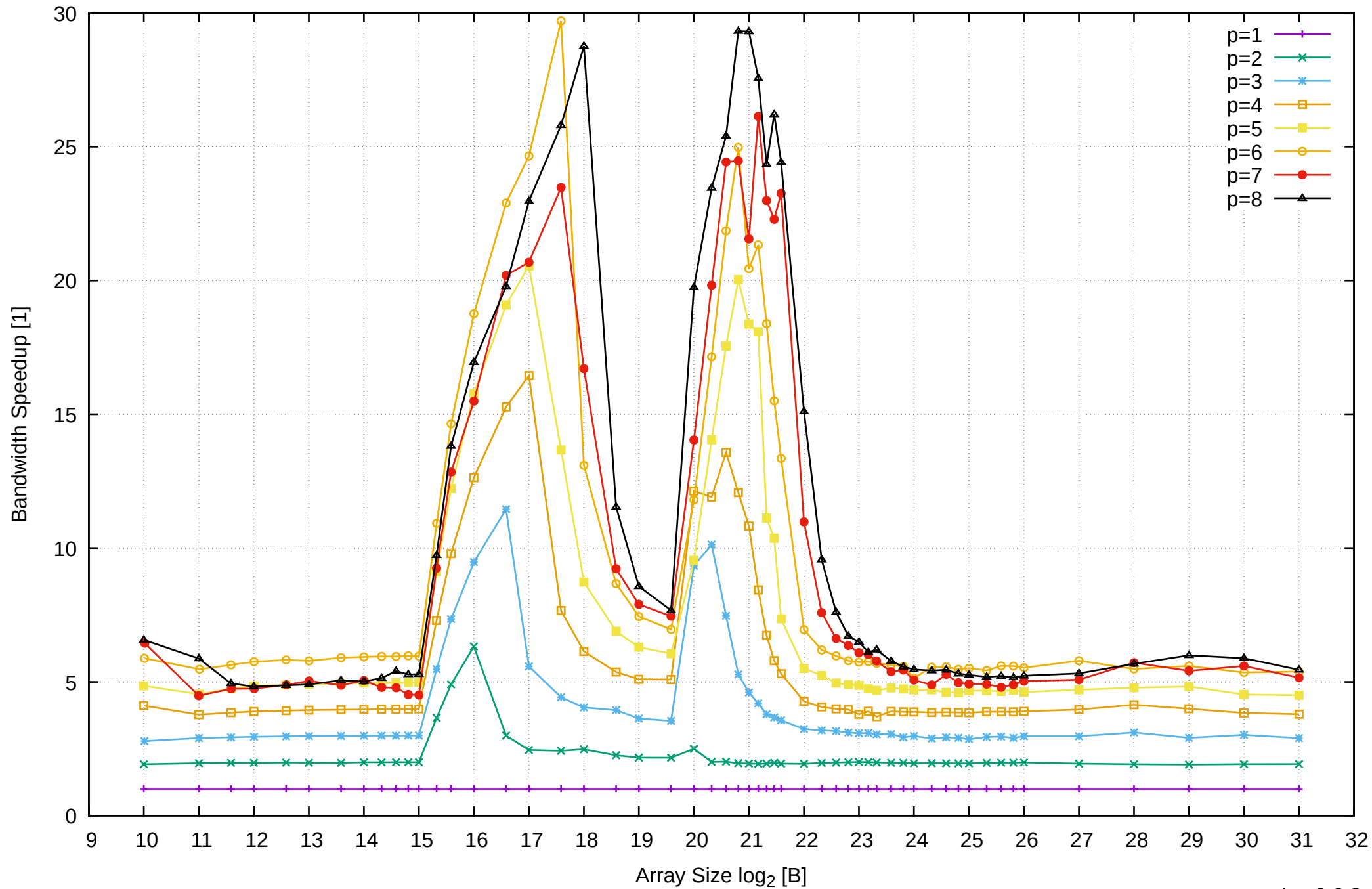
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - PermRead64SimpleLoop



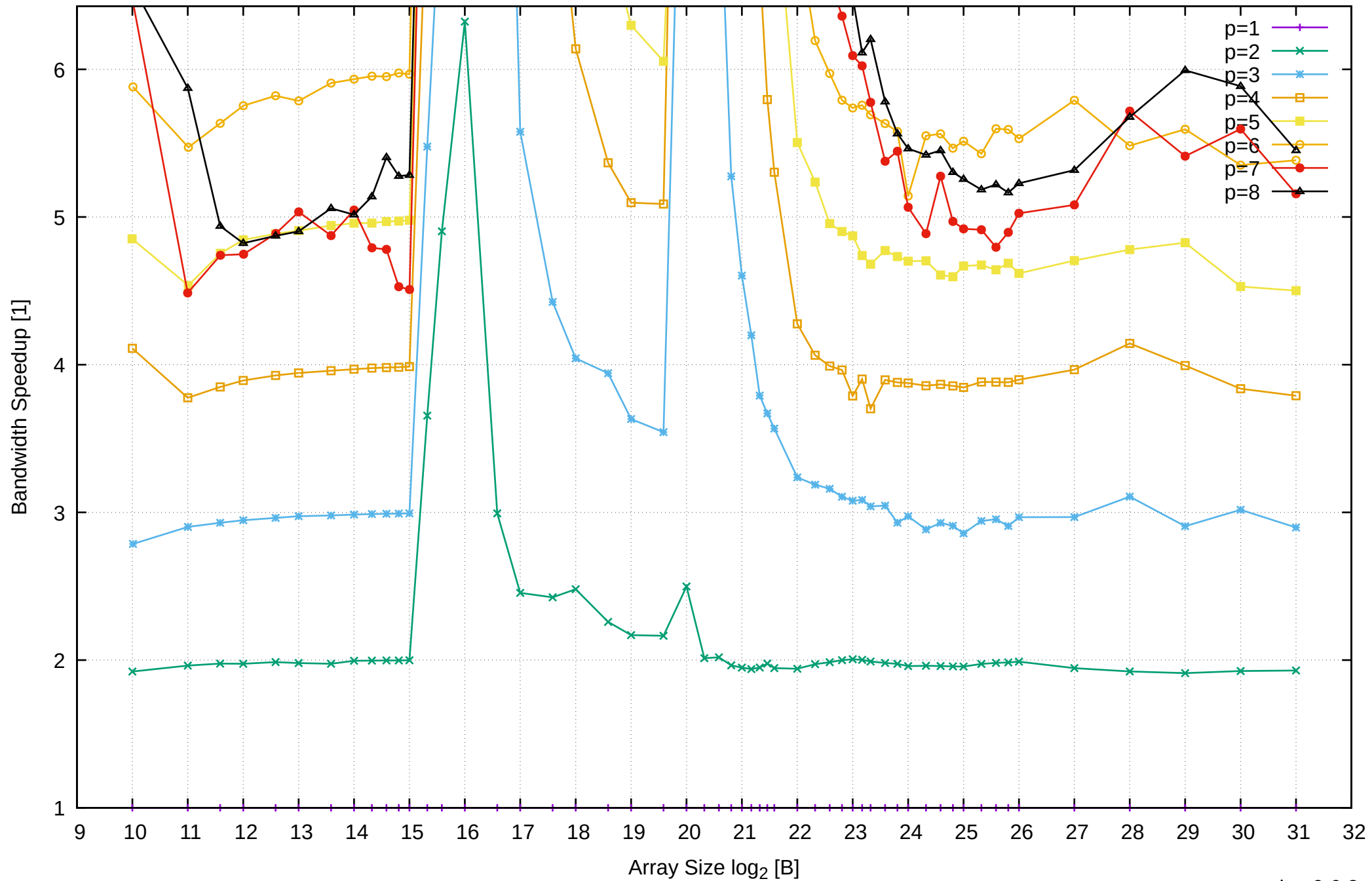
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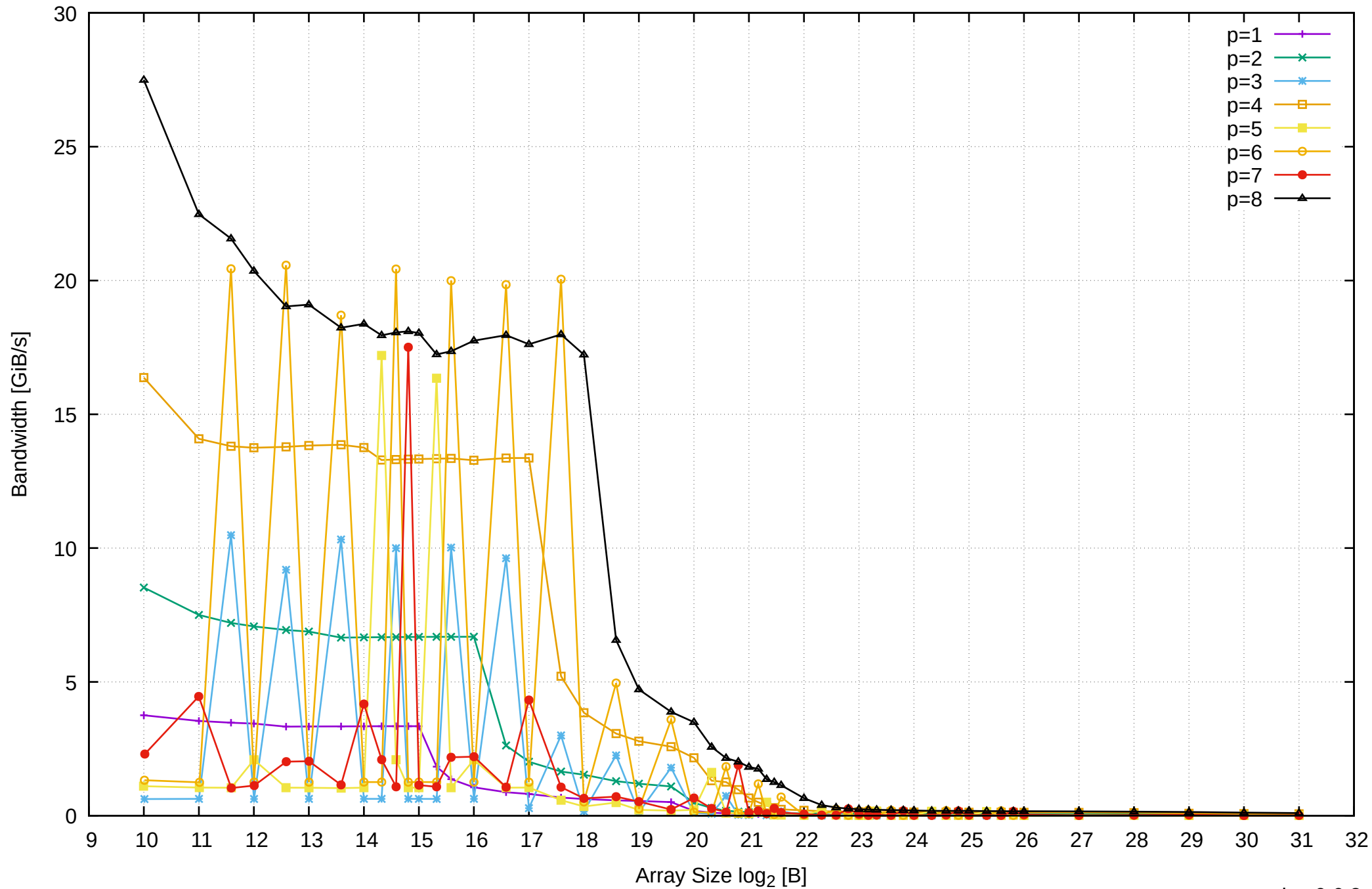
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - PermRead64SimpleLoop



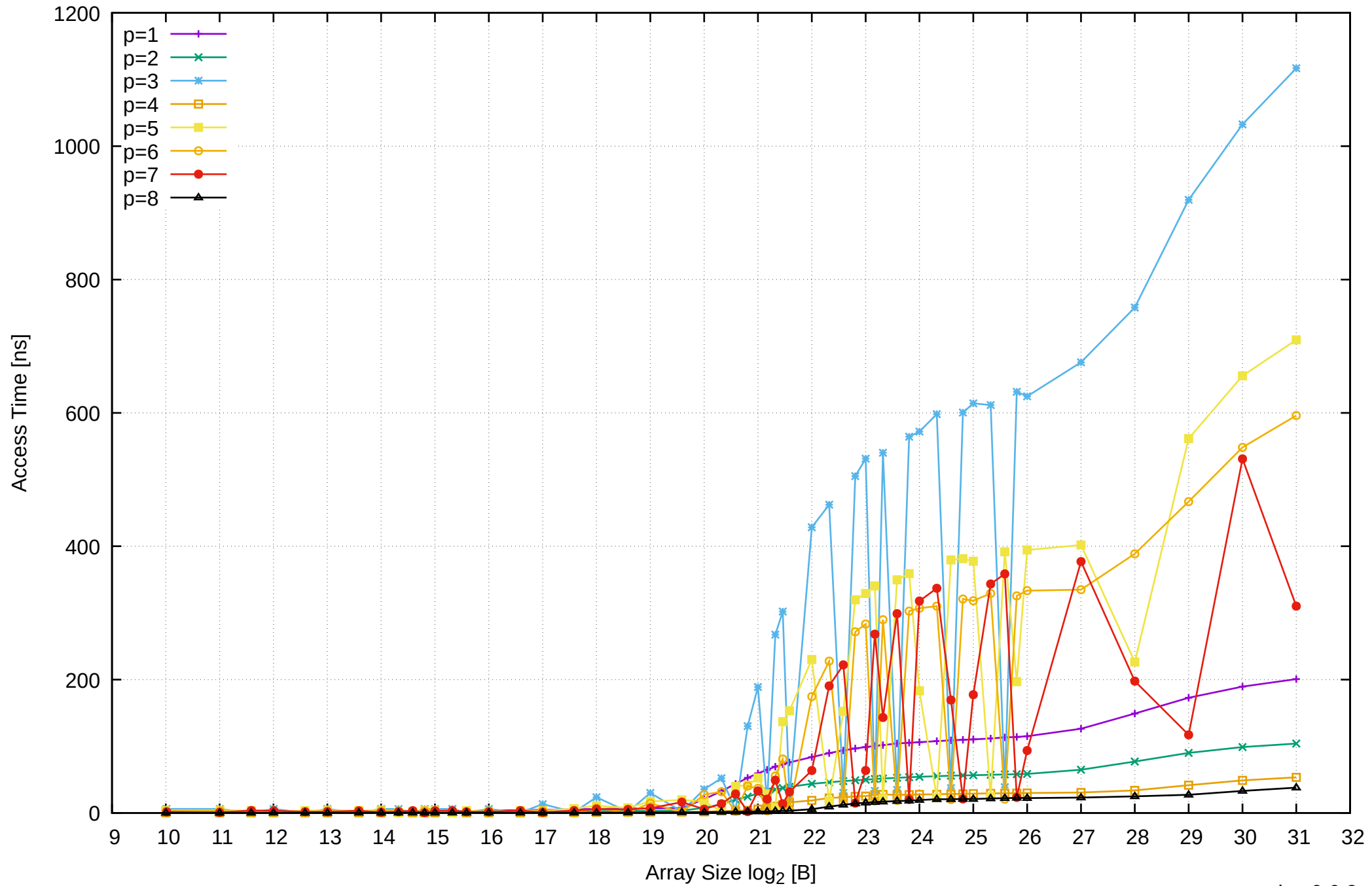
Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64SimpleLoop



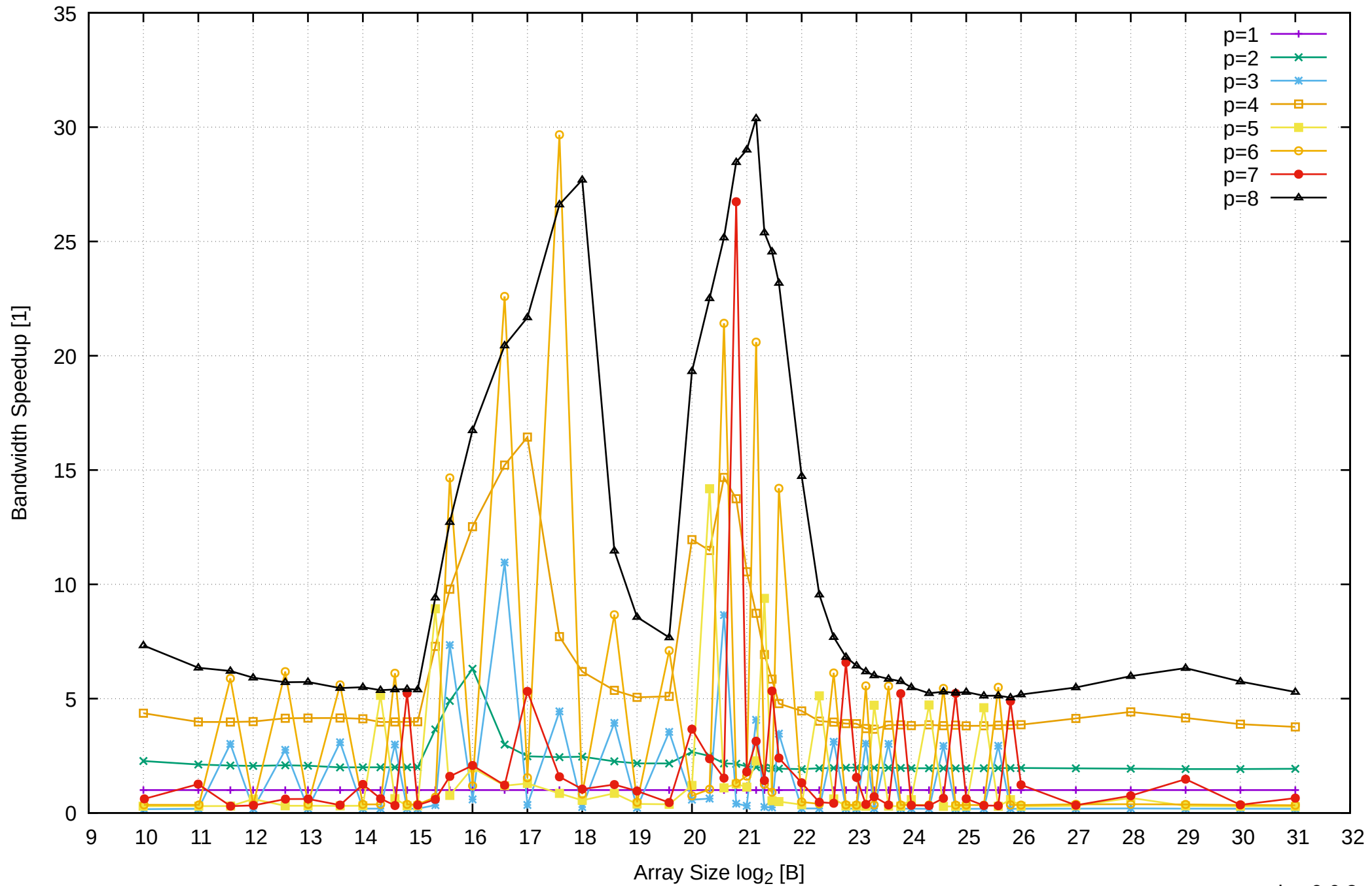
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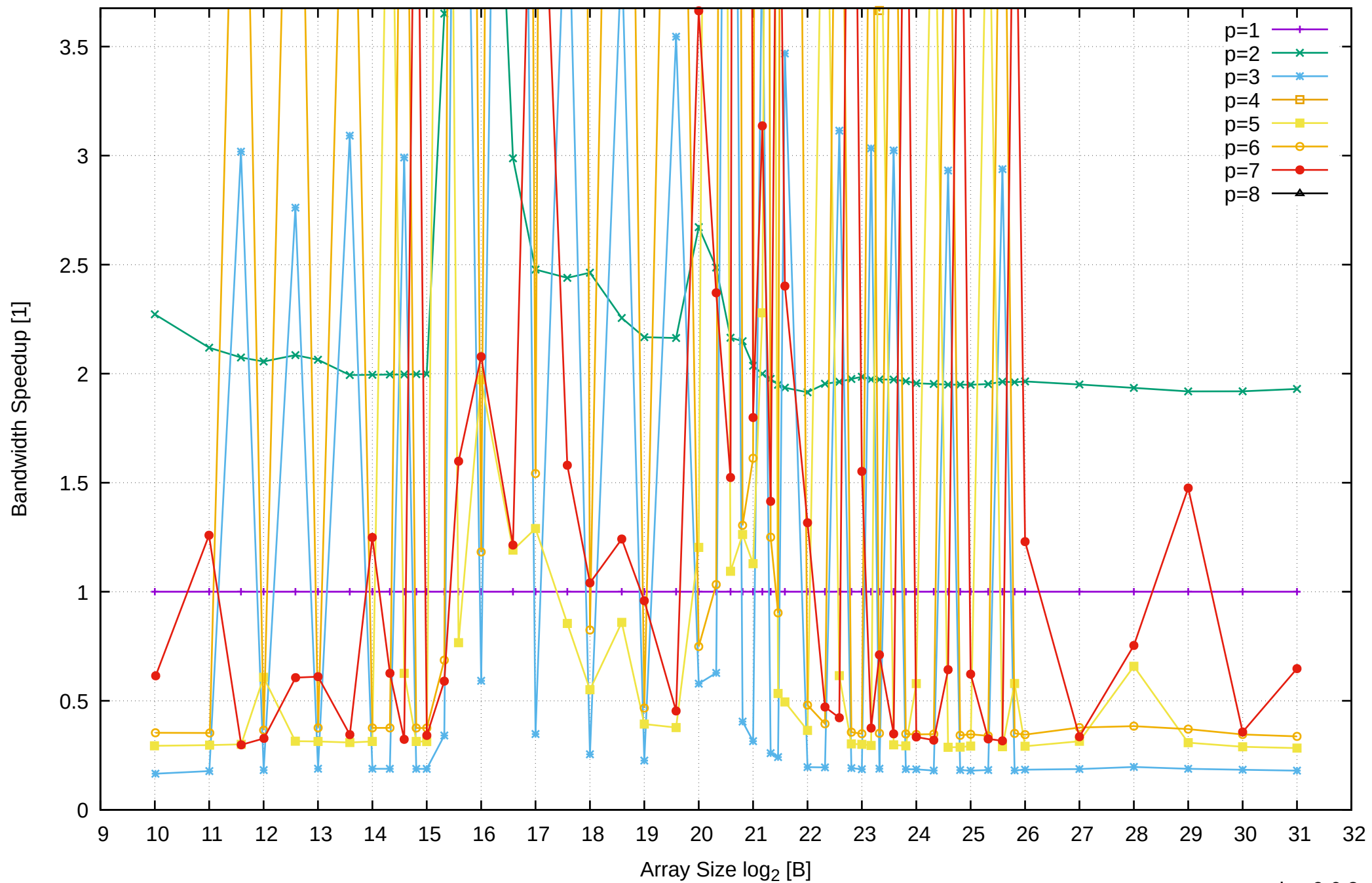
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - PermRead64UnrollLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - PermRead64UnrollLoop

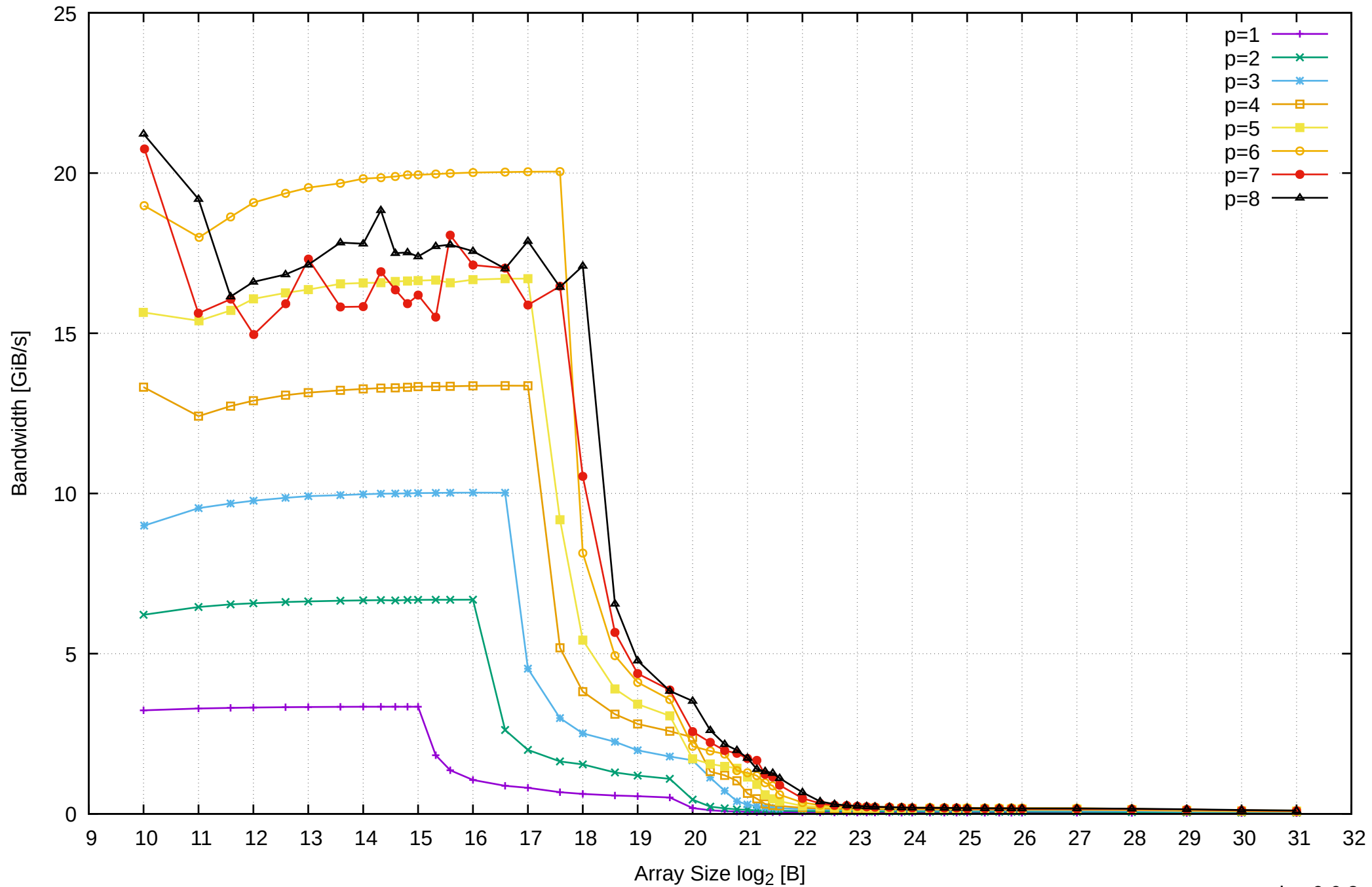


Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - PermRead64UnrollLoop

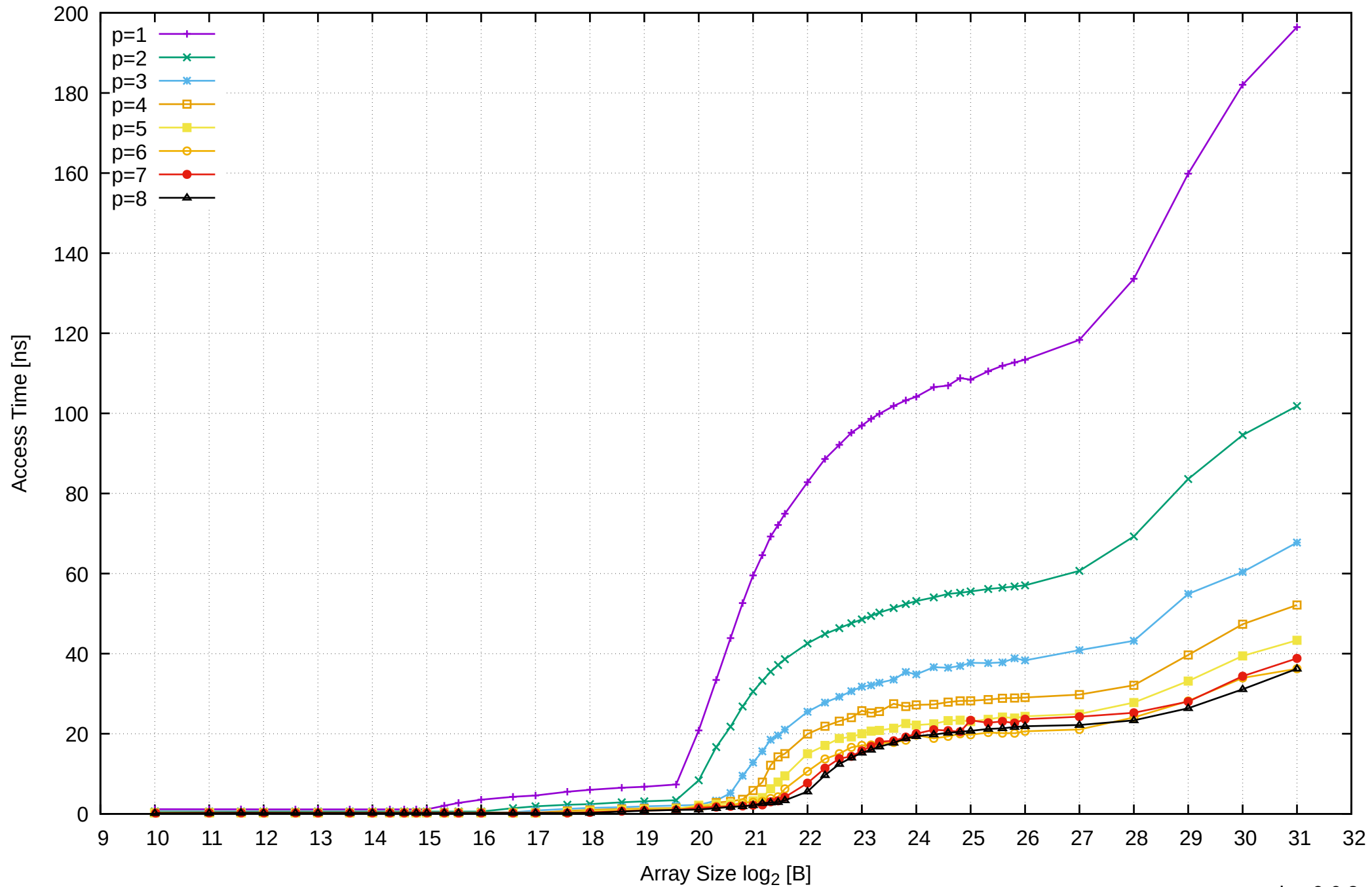




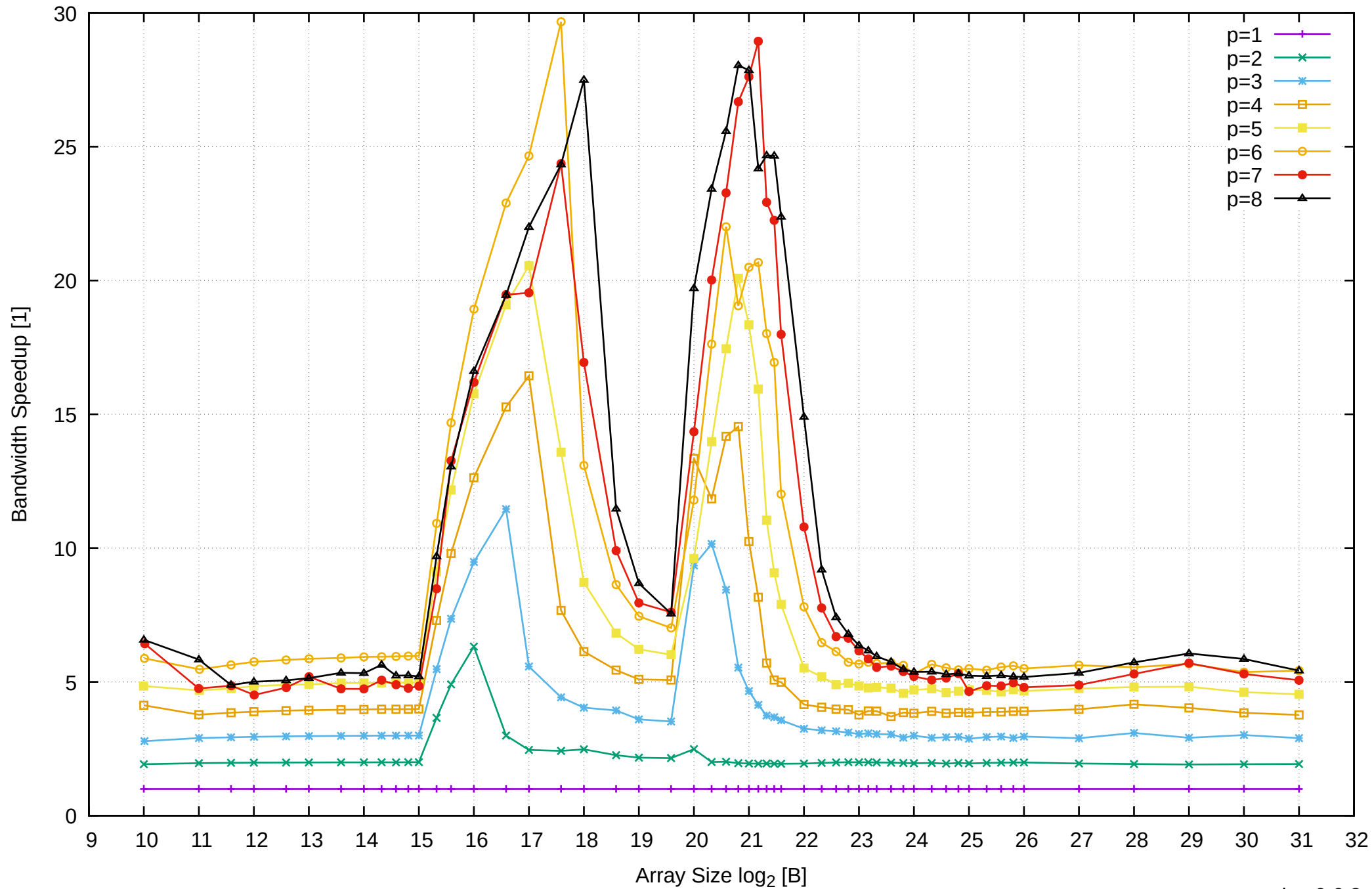
Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Bandwidth - cPermRead64SimpleLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Parallel Memory Access Time - cPermRead64SimpleLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth - cPermRead64SimpleLoop



Pine64 RockPro64 Rockchip RK3399 - 4GB - Speedup of Parallel Memory Bandwidth (enlarged) - cPermRead64SimpleLoop

