Massively Quantum Parallel Computing (MQPC) PaRSEC Irregular Tensor Problem Scaling on Spock; 1 node (128 cores, 4x M100 AMD GPU) N=8k M=K=160k; Average Block size 1024x1024

Legend:
- Hipblas GEMM, 1x AMD M100 (peak for fully dense)
- PaRSEC MQPC Tensor, 4x AMD M100
- PaRSEC MQPC Tensor, 2x AMD M100
- PaRSEC MQPC Tensor, 1x AMD M100

Y-axis: Performance (TFlop/s)
X-axis: Matrix Density (1=fully dense)