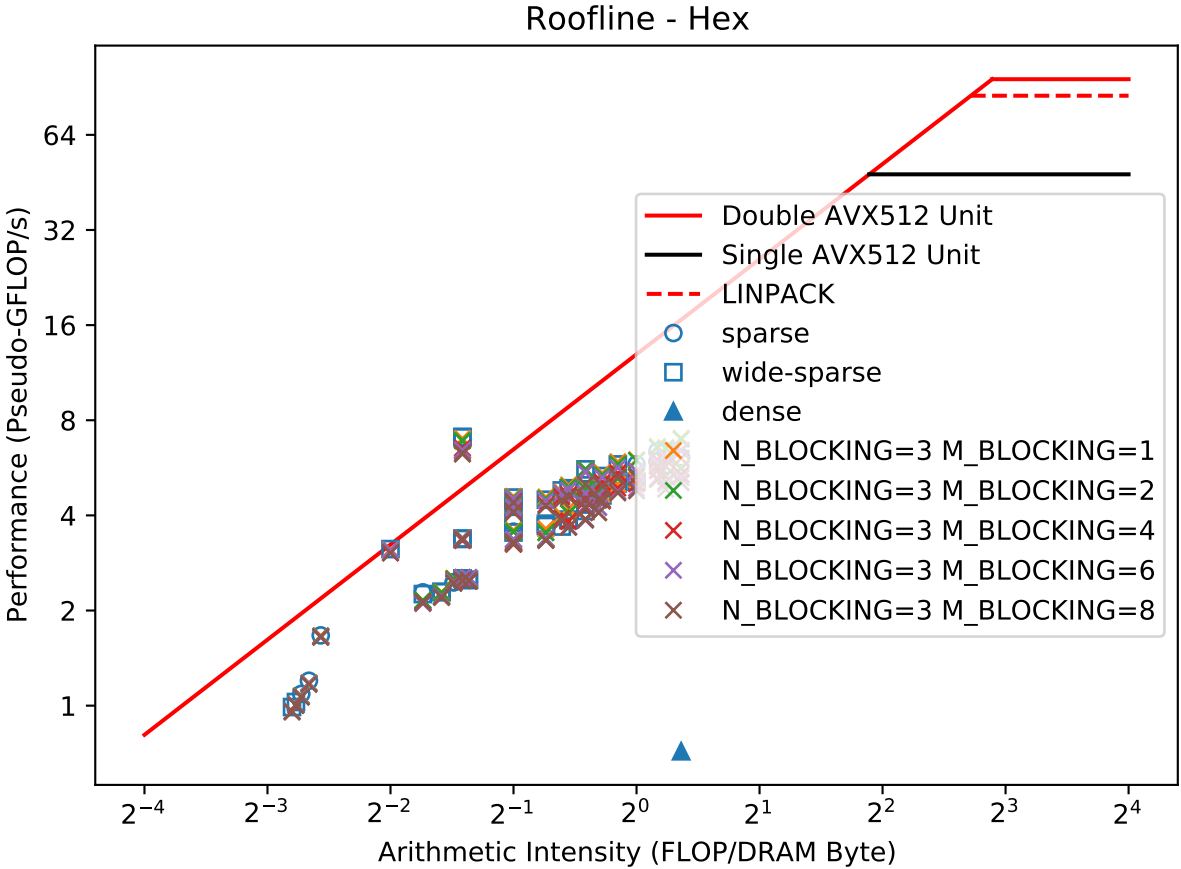
Roofline - Hex
Performance (Pseudo-GFLOP/s)
64
32
16
8
4
2
1
Arithmetic Intensity (FLOP/DRAM Byte)
2^{-4}
2^{-3}
2^{-2}
2^{-1}
2^{0}
2^{1}
2^{2}
2^{3}
2^{4}
Double AVX512 Unit
Single AVX512 Unit
LINPACK
sparse
wide-sparse
dense
N_BLOCKING=3 M_BLOCKING=1
N_BLOCKING=3 M_BLOCKING=2
N_BLOCKING=3 M_BLOCKING=4
N_BLOCKING=3 M_BLOCKING=6
N_BLOCKING=3 M_BLOCKING=8