Intel® Core™ i7-1068NG7 @ 2.3 GHz L1: 48KB L2:512KB L3:8MB Memory Bandwidth: 27 bytes/cycle Compiler: GCC 10.2.0 Compiler Flags: -O3 -march=native -ffast-math

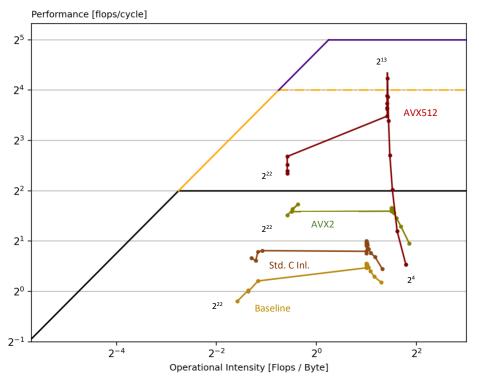


Fig. 11. Roofline Plot of Various GJK versions

Theoretical Max. (Scalar)

Theoretical Max. (AVX2)

Theoretical Max. (AVX512)