Matrix Multiplication Performance threads_per_block=256 threads_per_block=1024 --- O(n³) reference 10⁶ 10^{5} 10^{4} Execution Time (ms) 10³ 10² 10^{1} 10^{0} 10^{-1} 2¹² 2⁶ 2⁸ 2^{14} Matrix Size (n)