CUDA FFT Timings by Thread Count (Log-Log) Thread Count 10^1 O(N log N) 32 threads 64 threads 128 threads 10^{0} 256 threads 1024 threads Execution Time (seconds) 10^{-1} 10-2 10⁻³ 10^{-4} 10² 10^{1} 10³ 10^{4} Problem Size (N)