**Ordinary Least Squares Regression** Cpus Per Node = 1 Cpus Per Node = 41e8 1.75 -90000 1.50 Num Simels Per Cpu = 1Simstep Period Inlet (ns) 85000 -1.25 1.00 80000 0.75 75000 0.50 0.25 70000 0.00 65000 1e6 1e6 2.1 2.0 Num Simels Per Cpu = 2048 Simstep Period Inlet (ns) 1.9 2.0 1.8 1.9 1.7 1.8 1.6 1.7 1.5 3 3 Log Num Processes Log Num Processes