

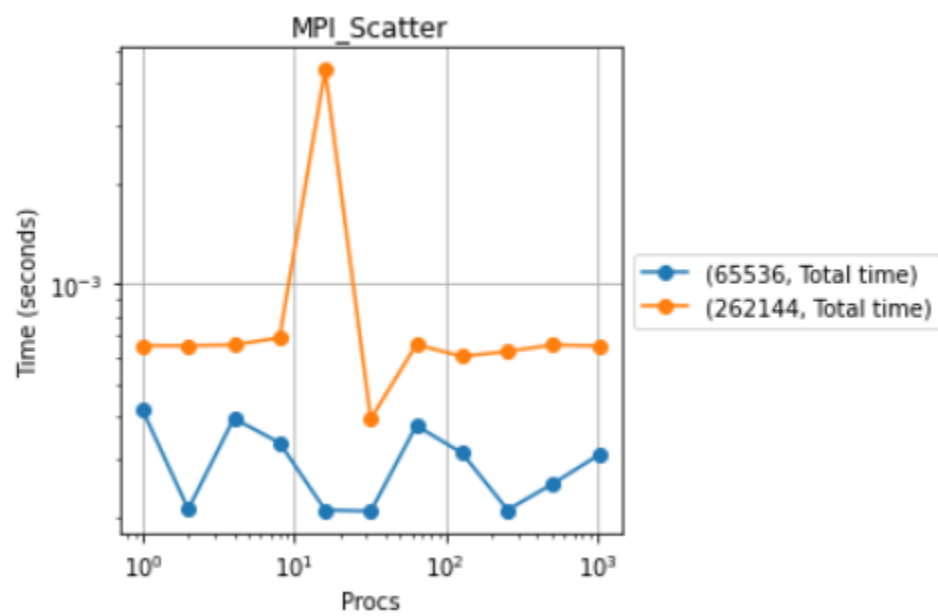
QuickSort

MPI

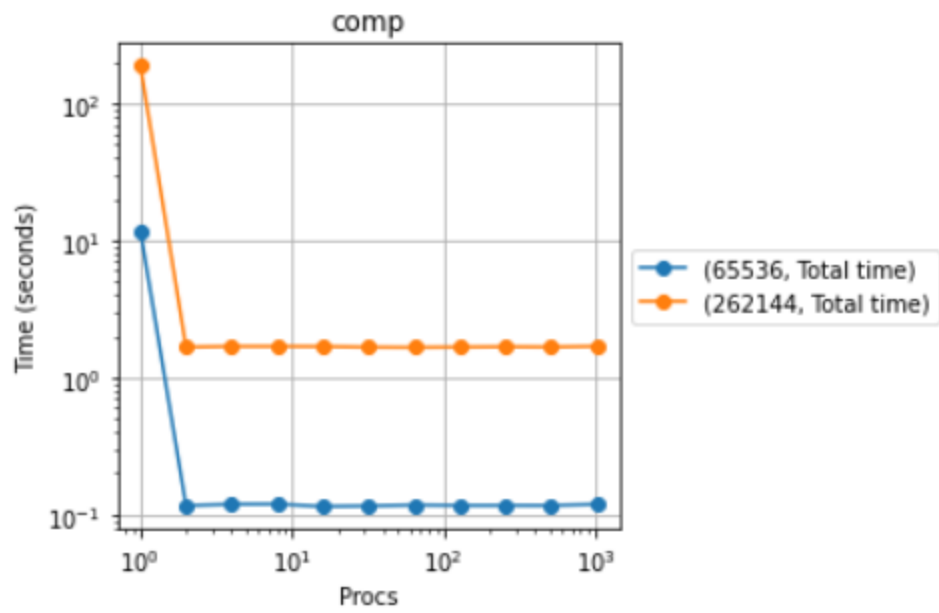
Random

Strong Scaling:

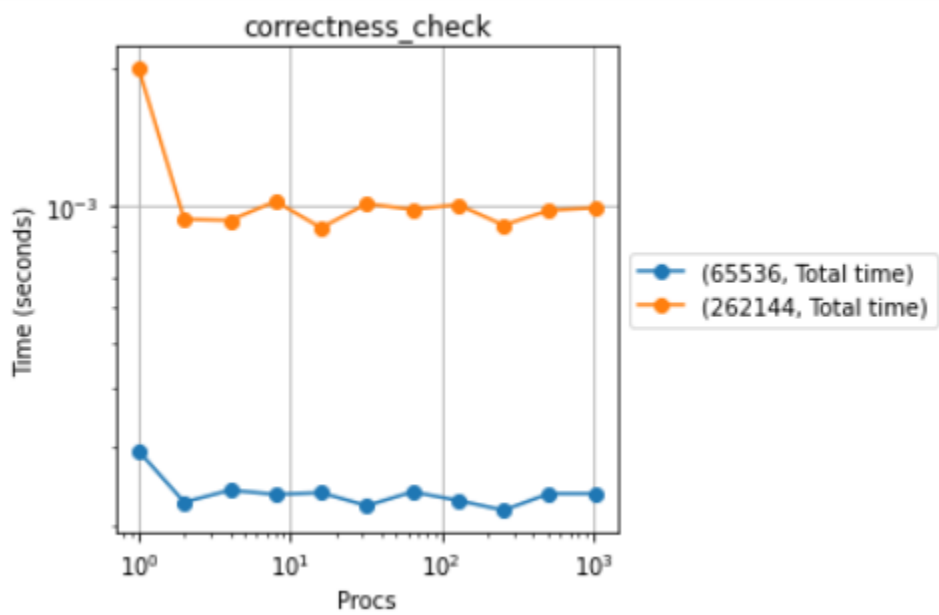
1. MPI Scatter



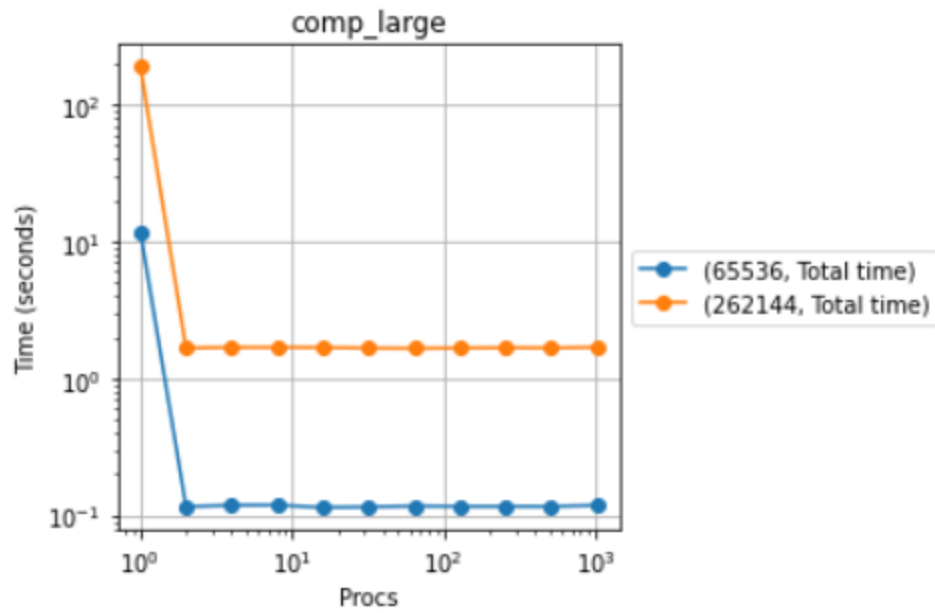
2. Comp



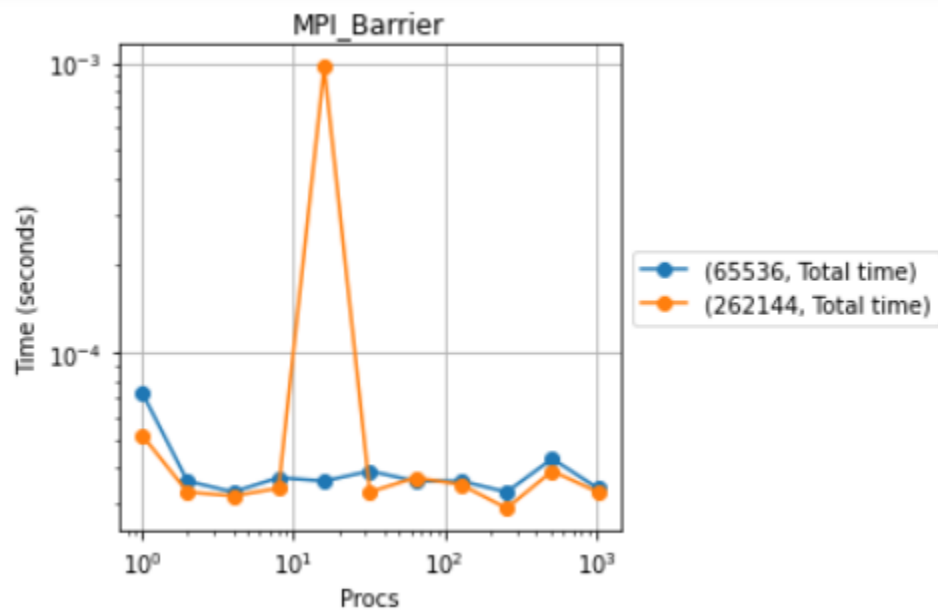
3. Correctness check



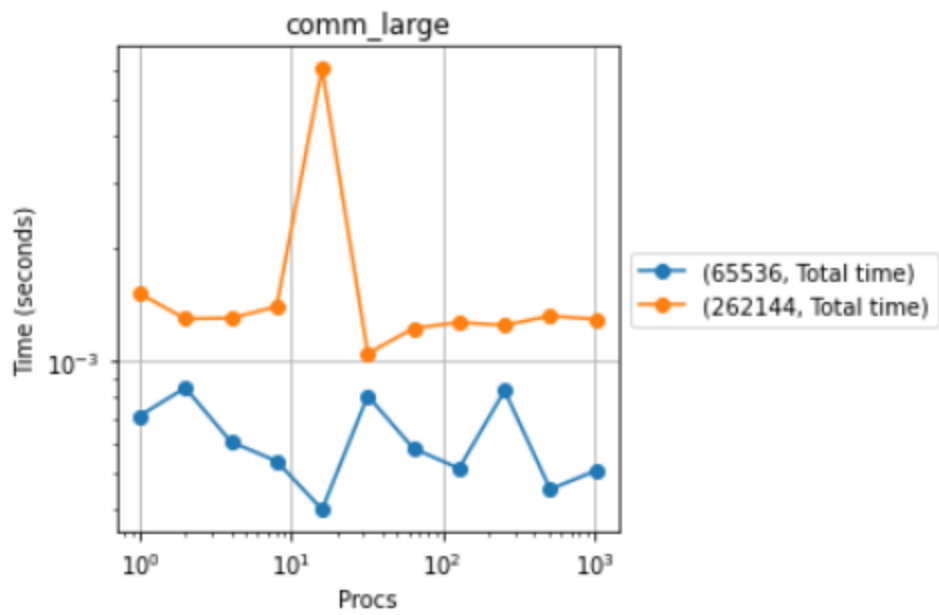
4. Comp large



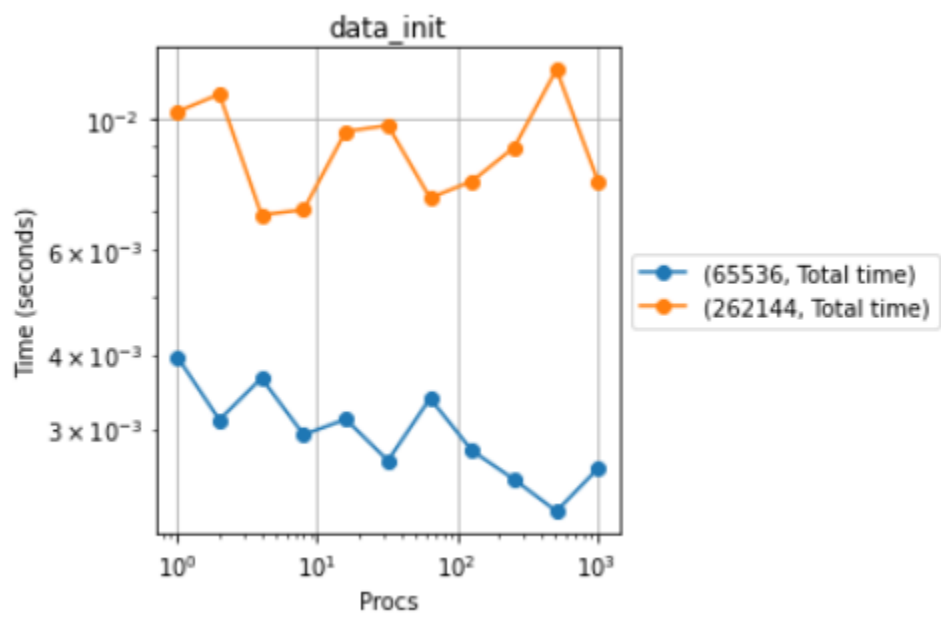
5. Mpi barrier



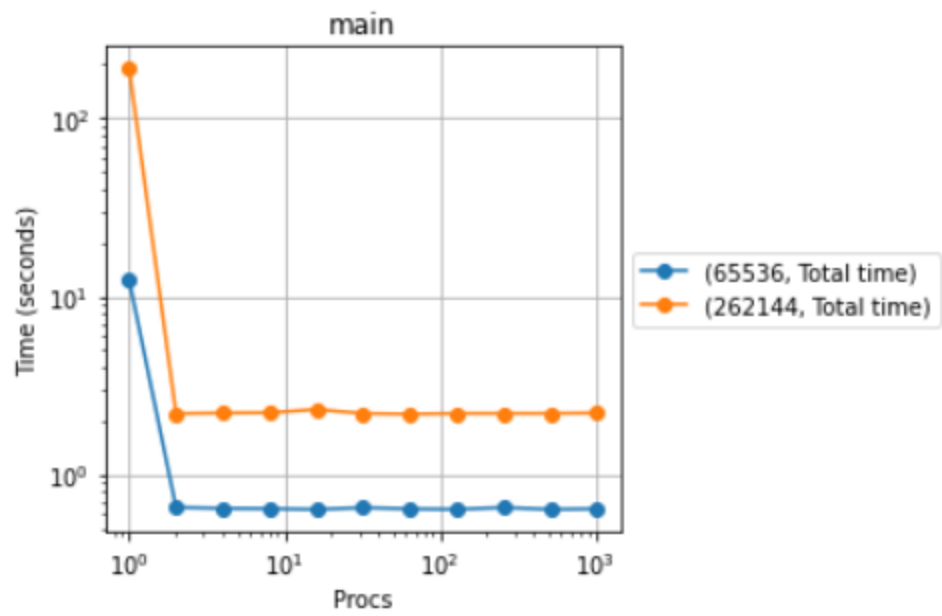
6. Comm large



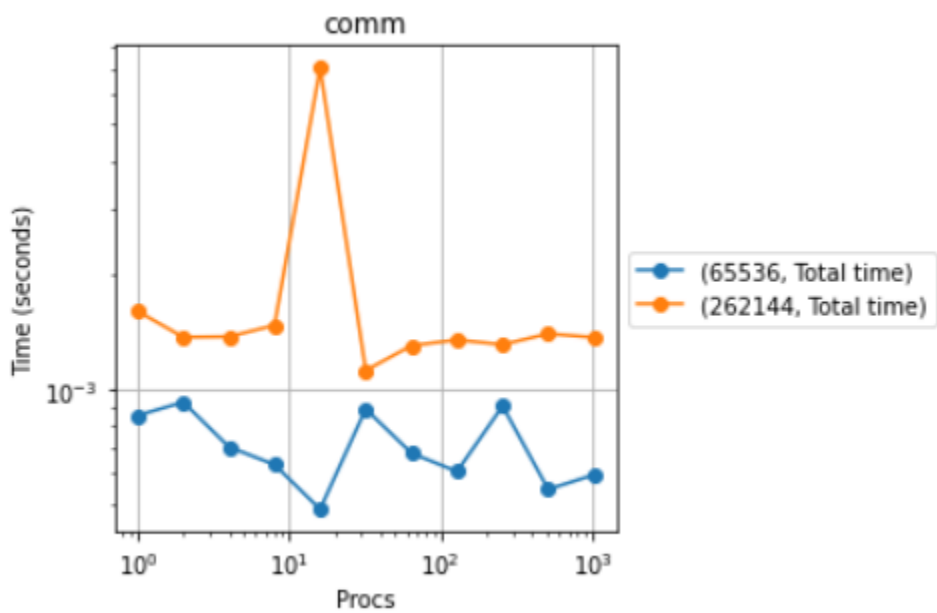
7. Data init



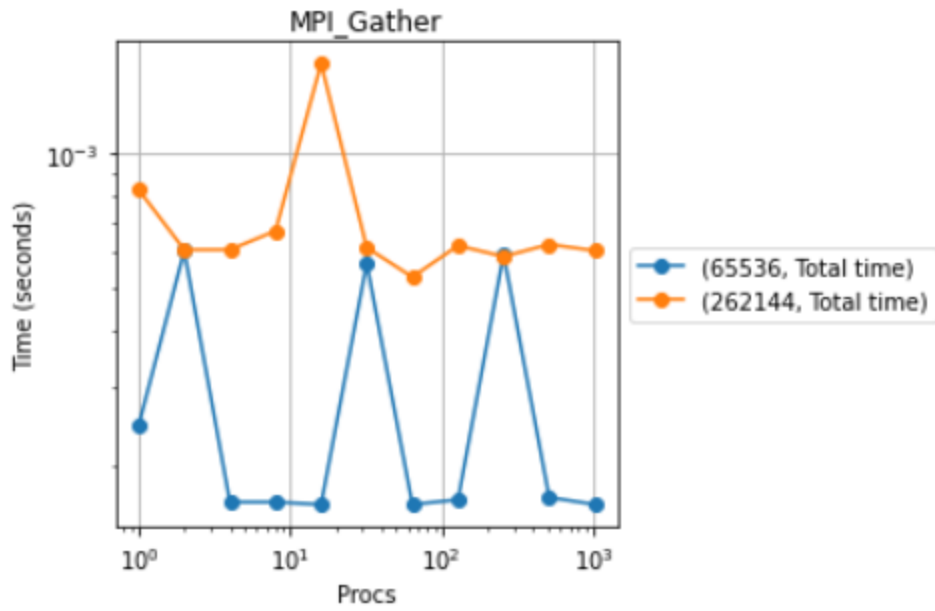
8. Main



9. Comm

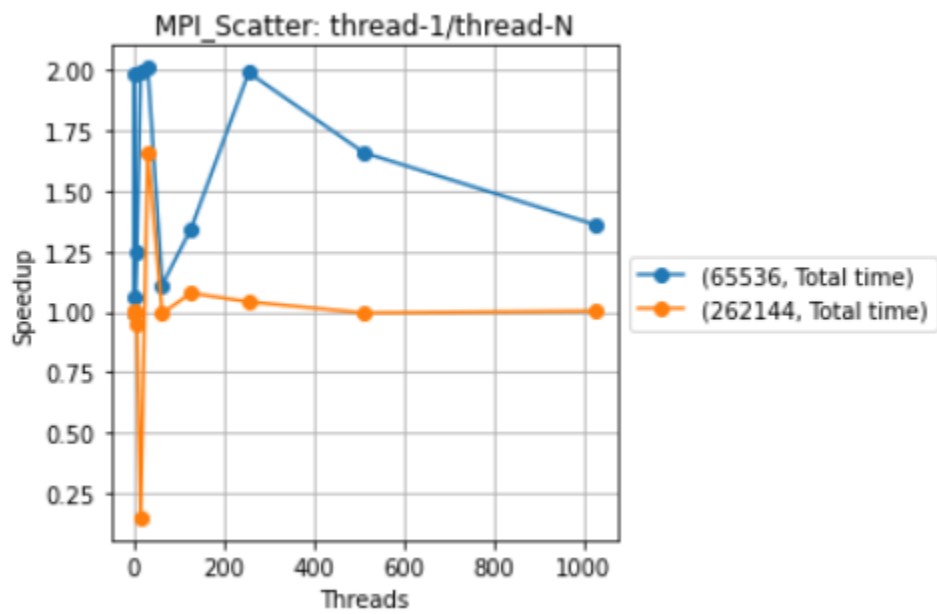


10. Mpi gather

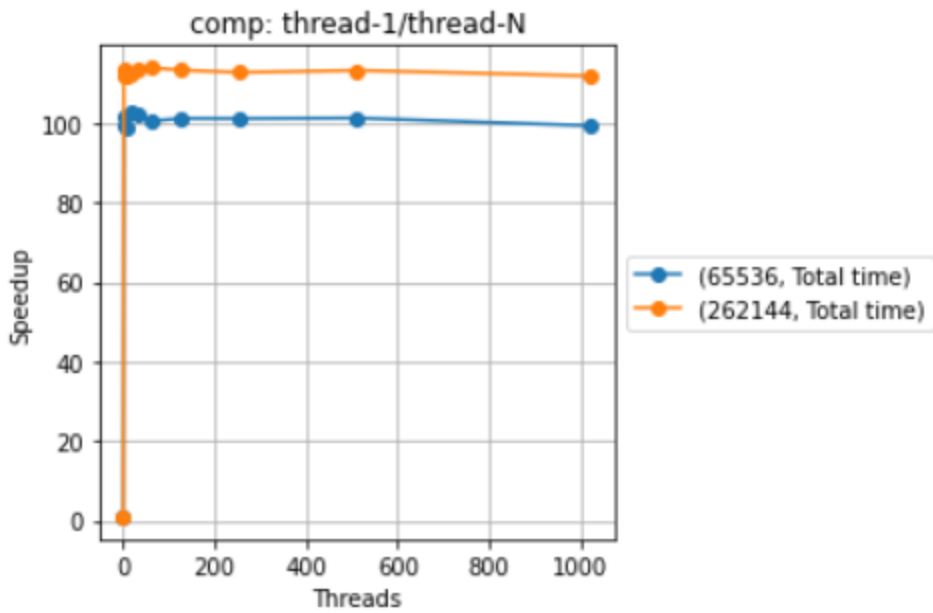


Speedup:

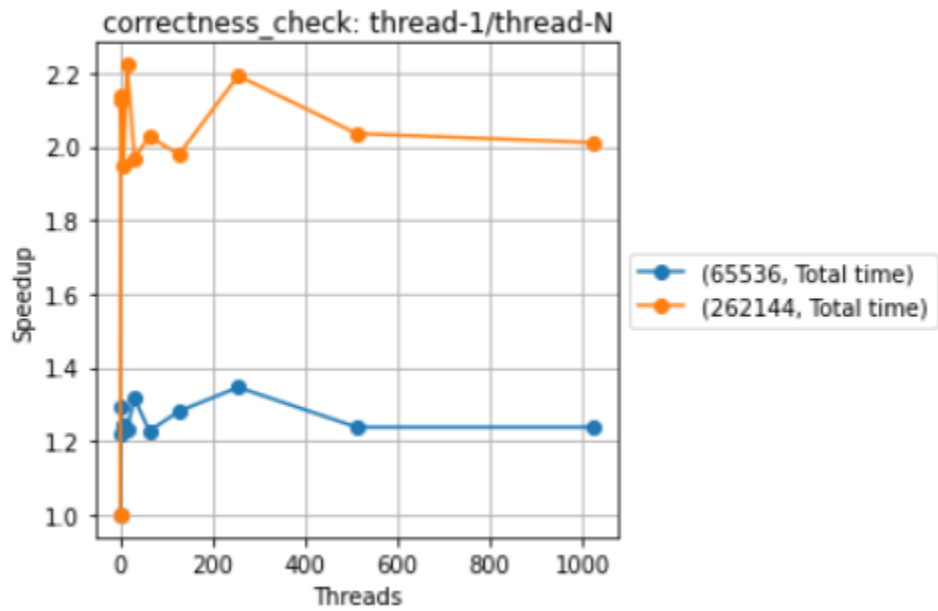
1. MPI Scatter



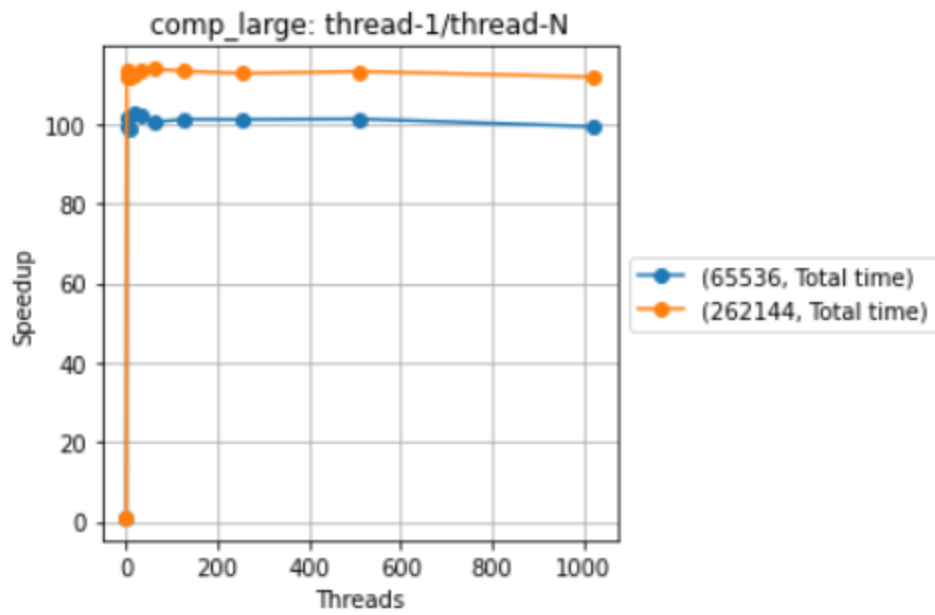
2. Comp



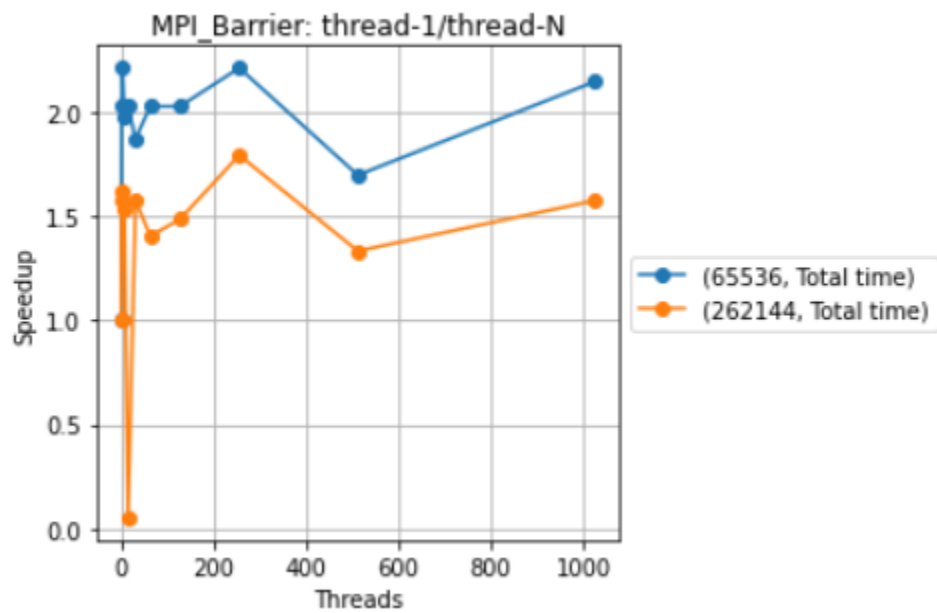
3. Correctness check



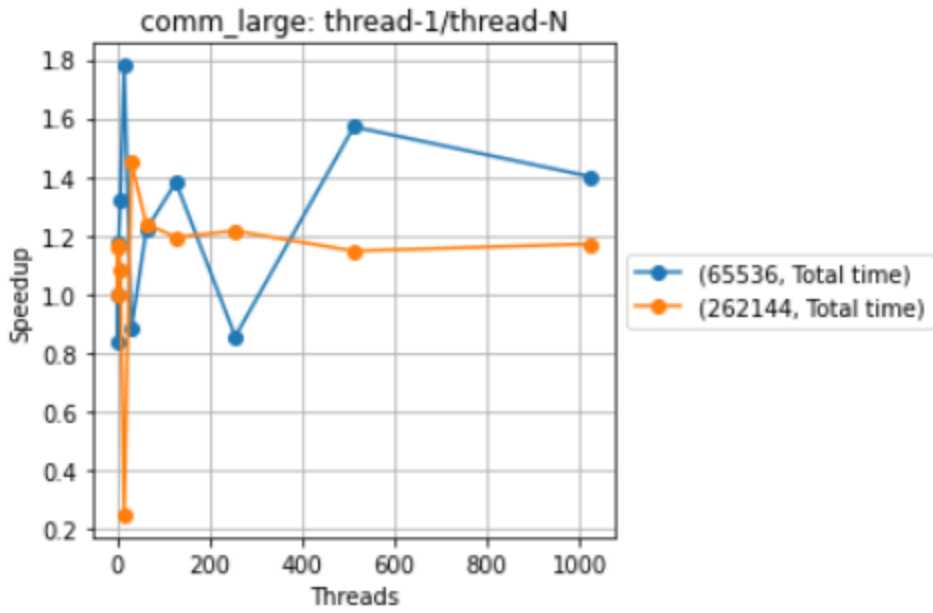
4. Comp large



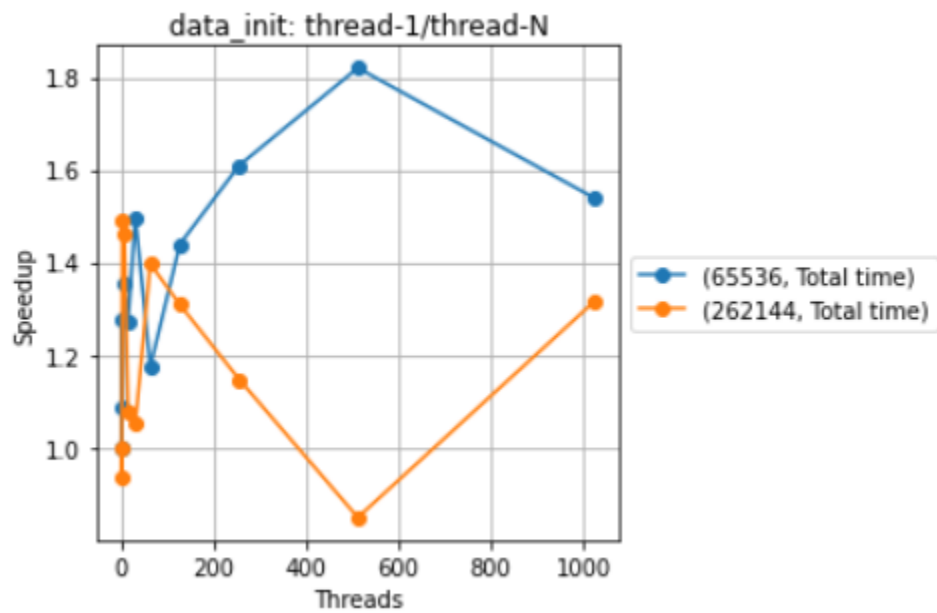
5. Mpi barrier



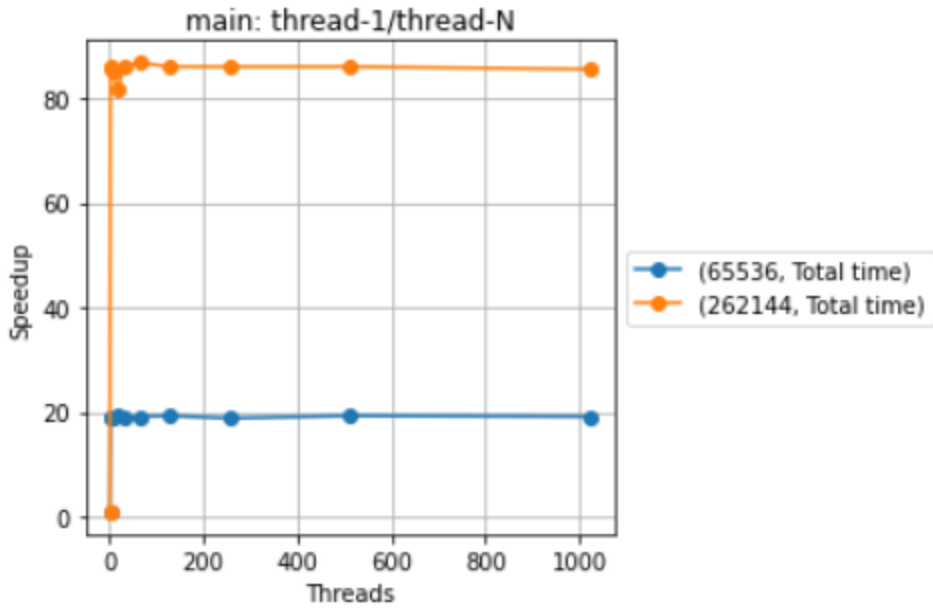
6. Comm large



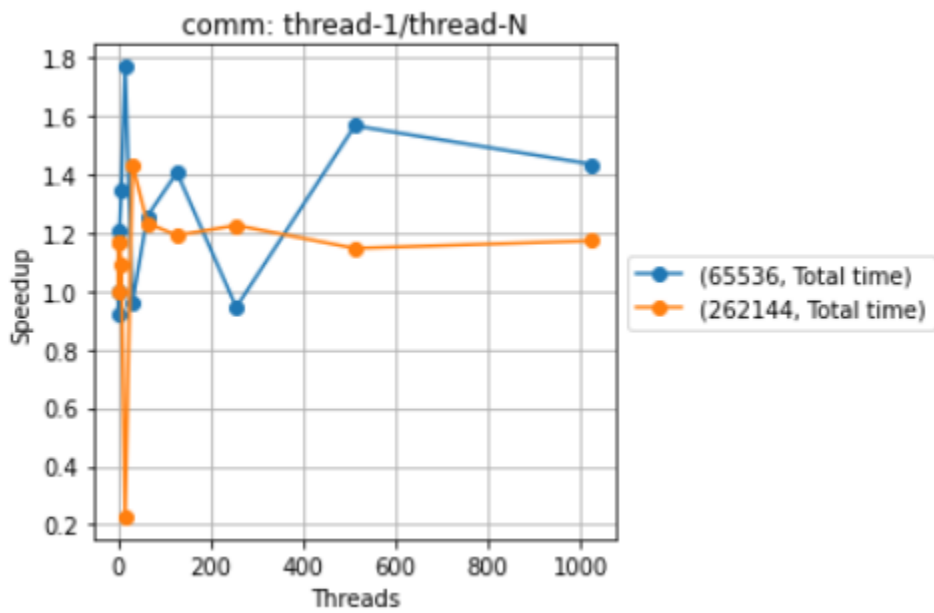
7. Data init



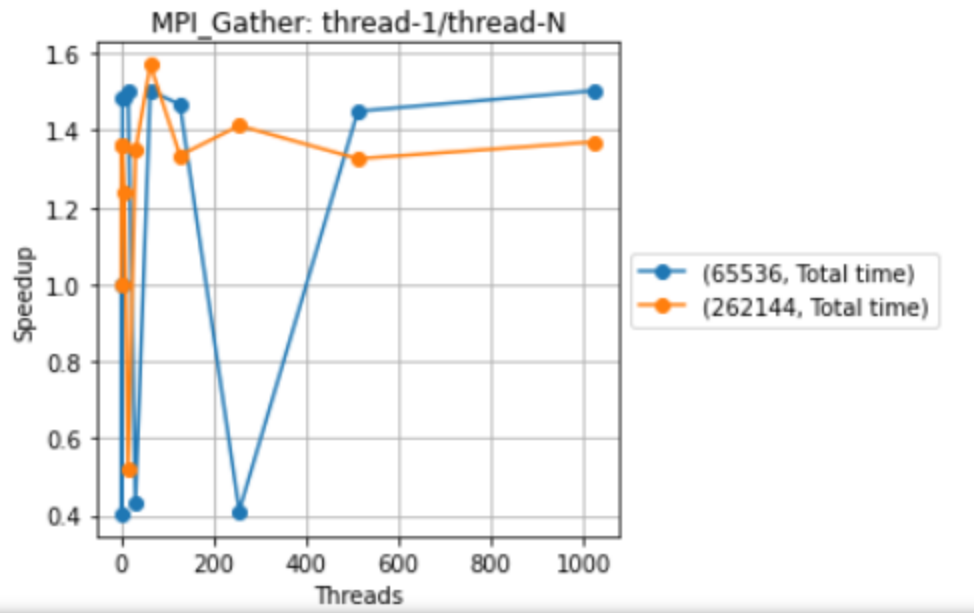
8. Main



9. Comm

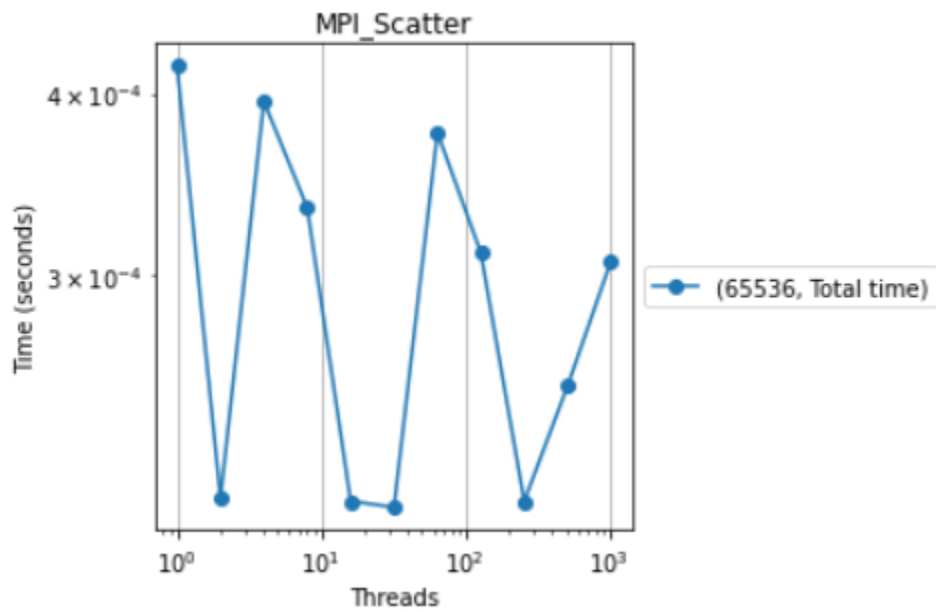


10. Mpi gather

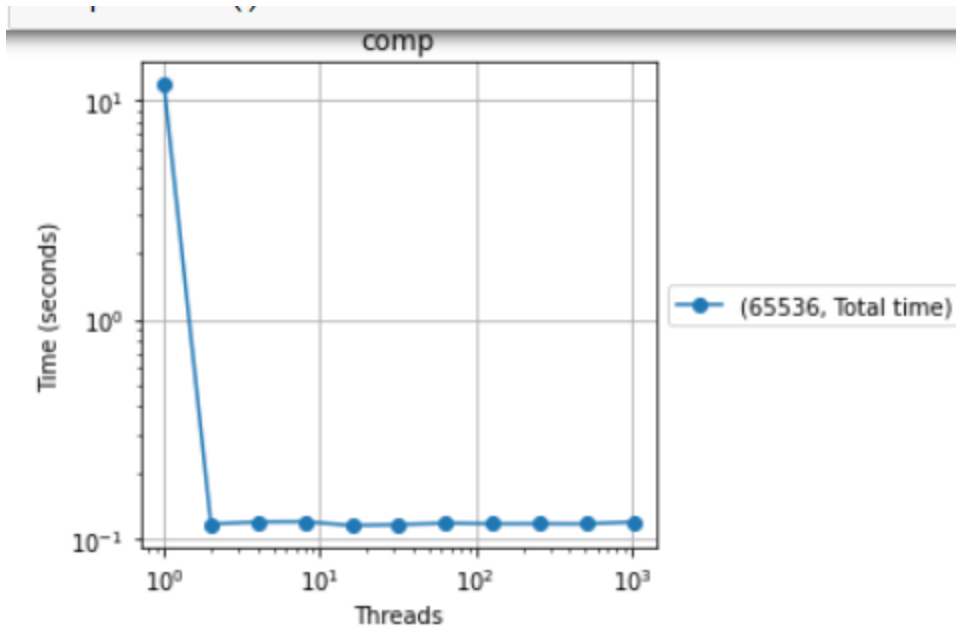


Weak Scaling:

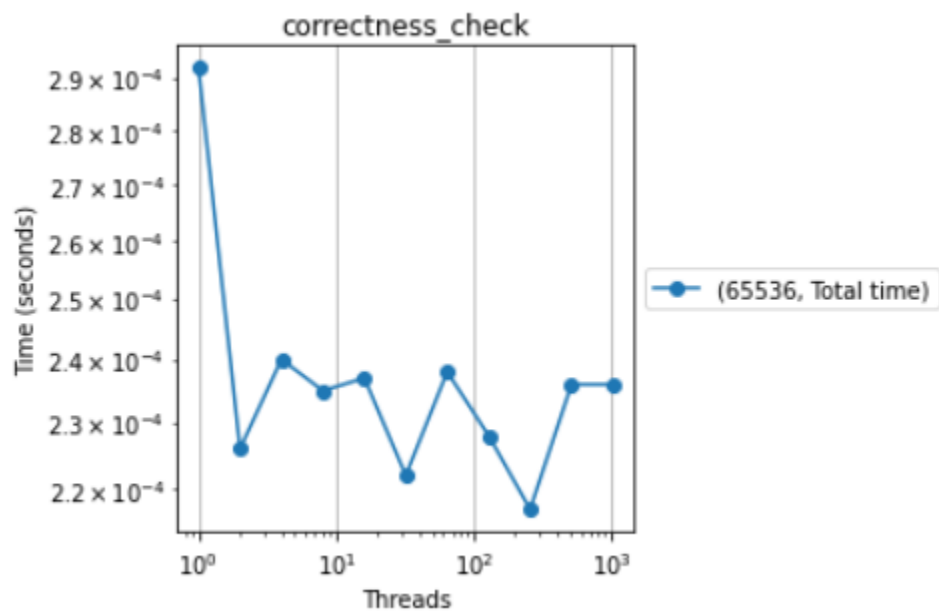
1. MPI Scatter



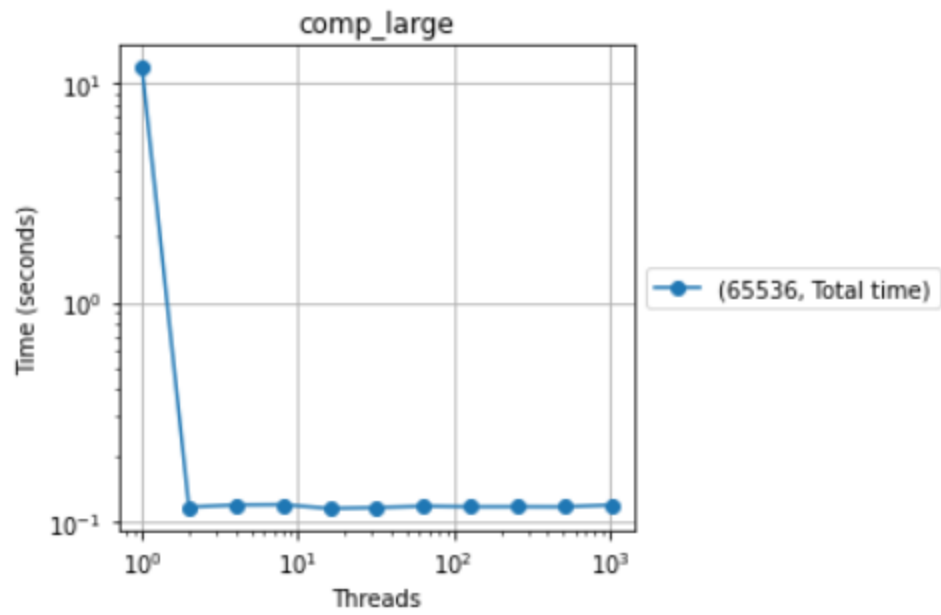
2. Comp



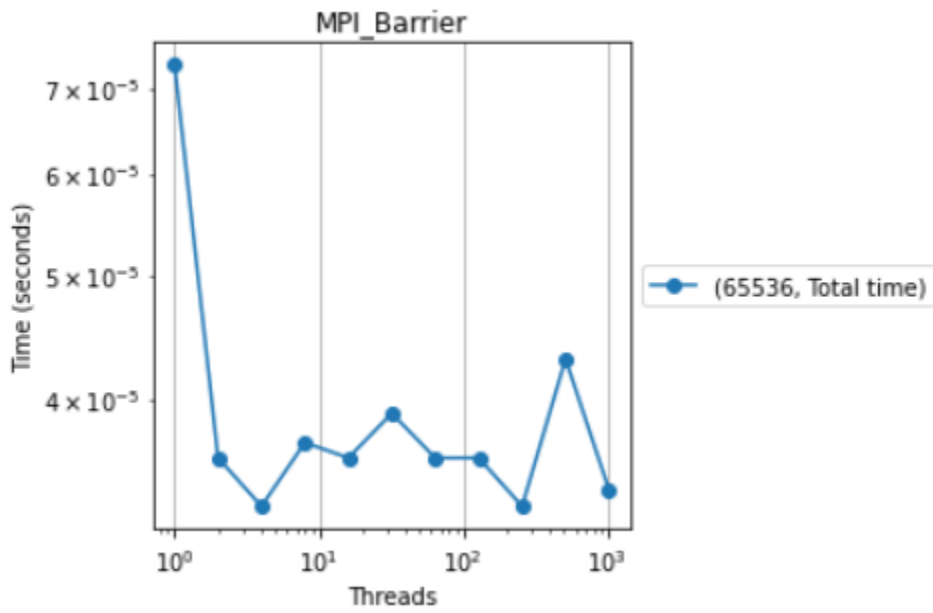
3. Correctness check



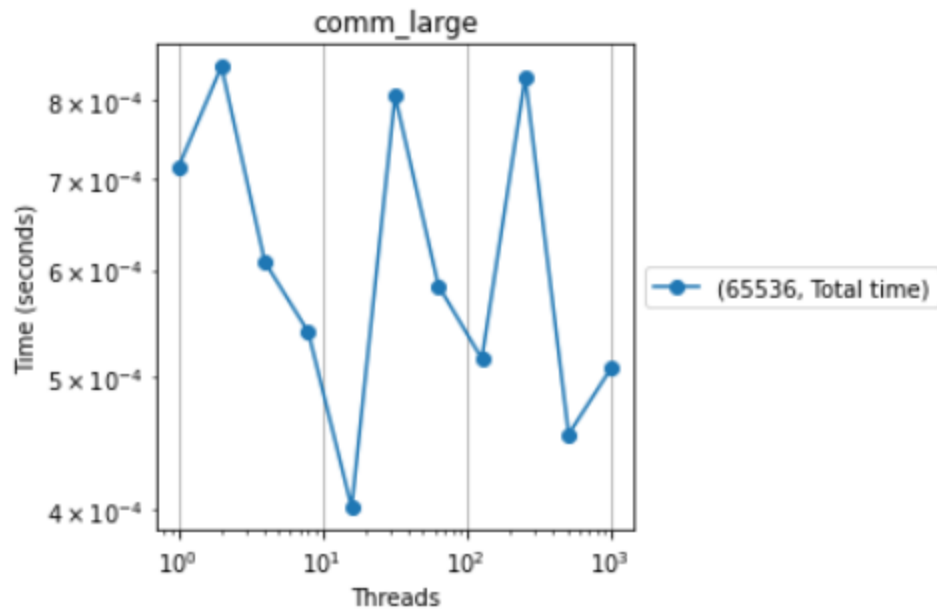
4. Comp large



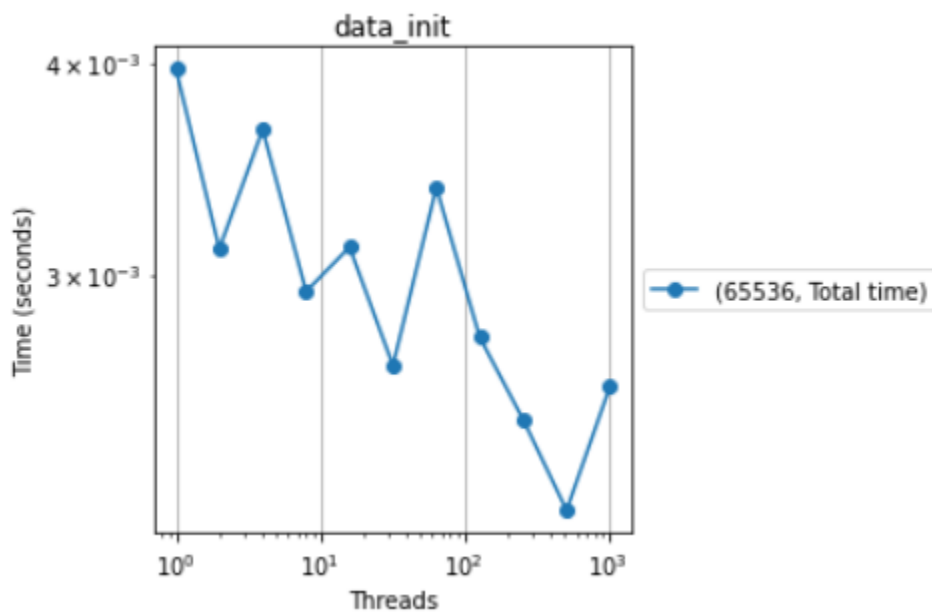
5. Mpi barrier



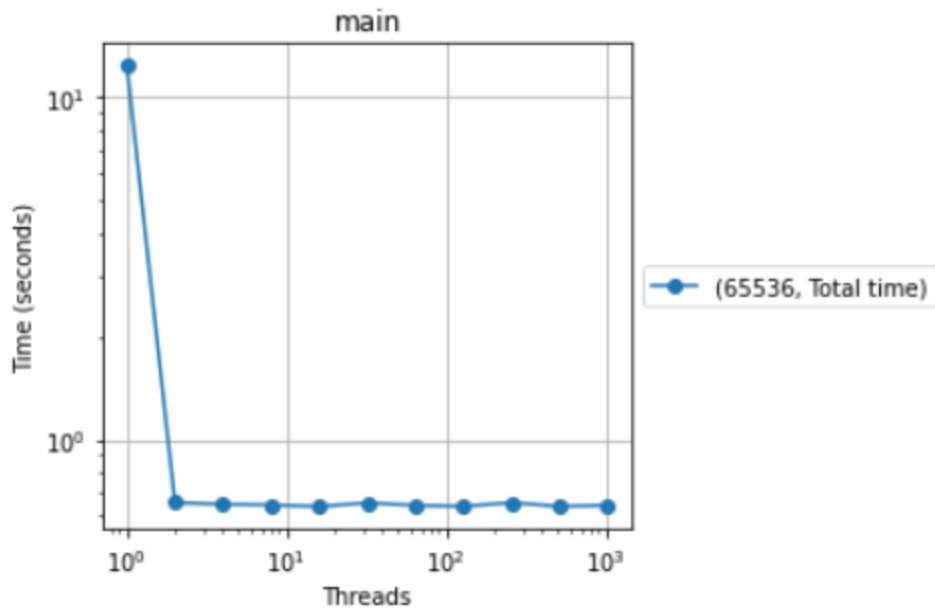
6. Comm large



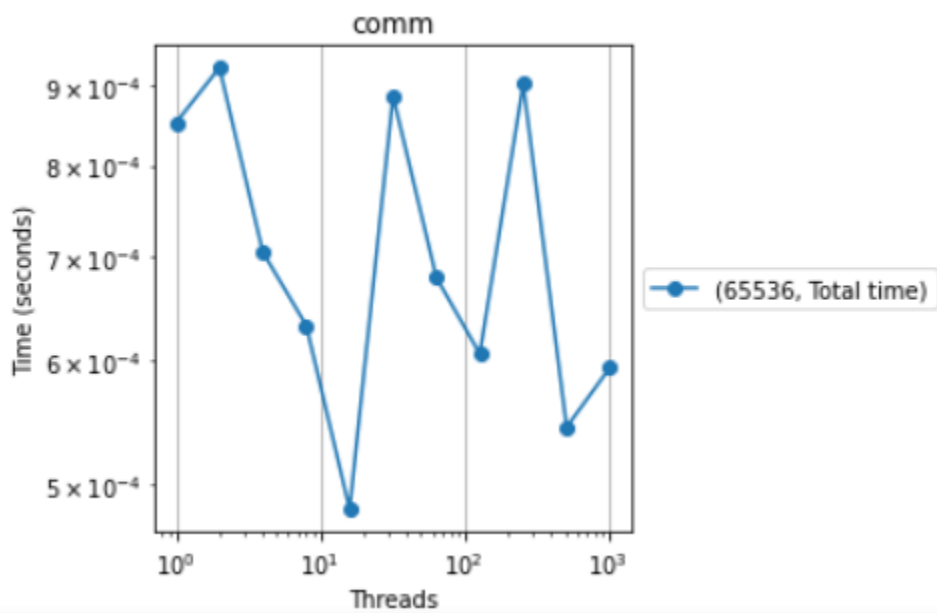
7. Data init



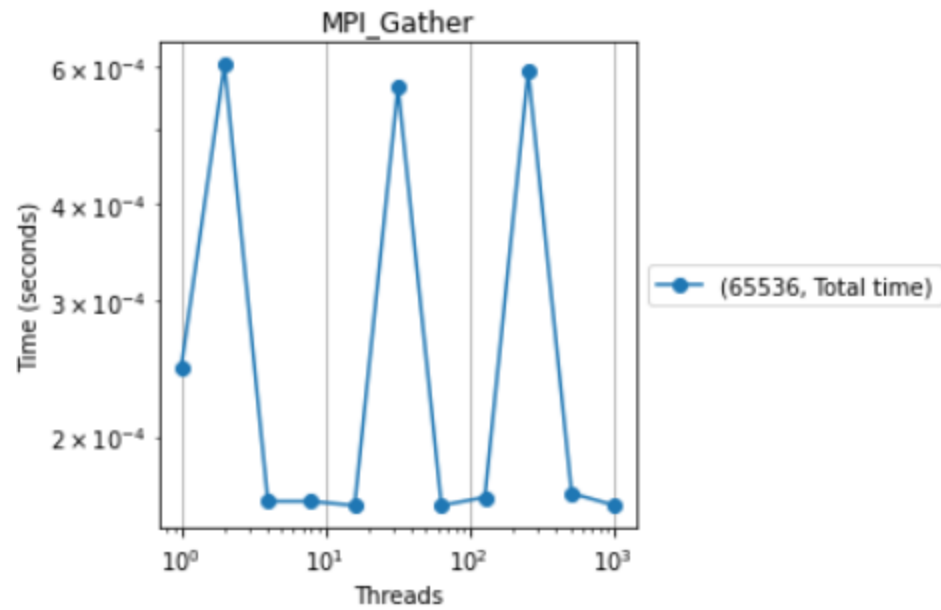
8. Main



9. Comm



10. Mpi gather

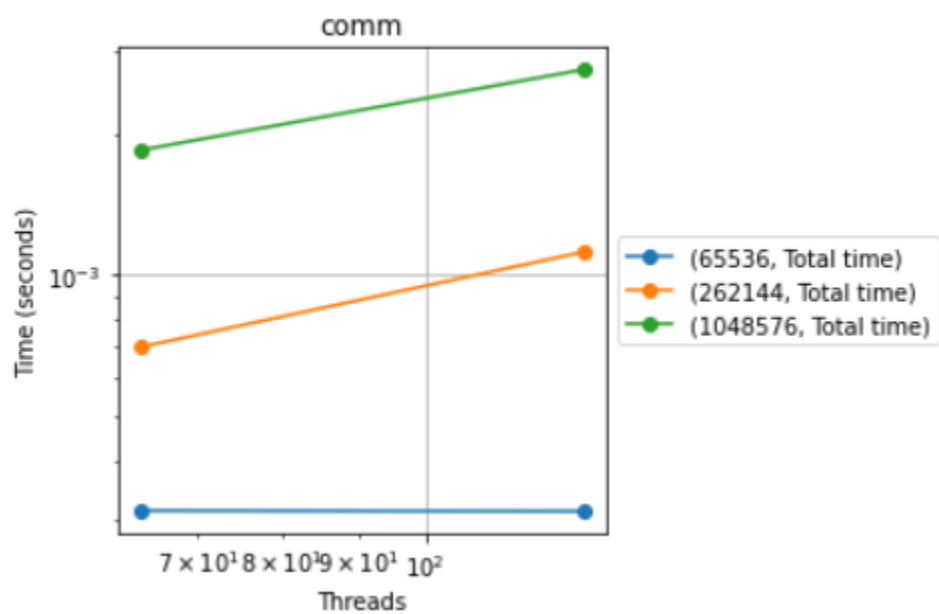


CUDA

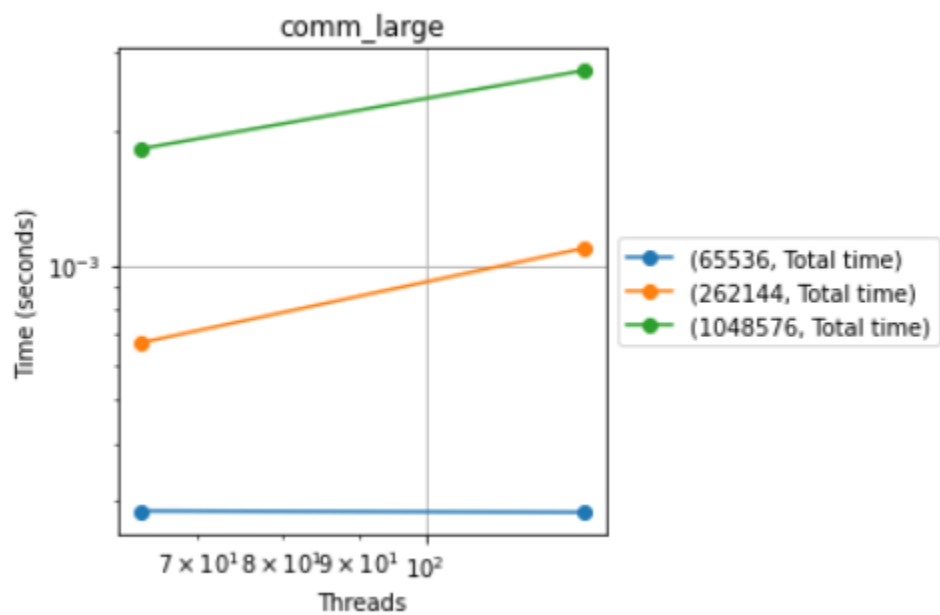
Random

Strong Scaling:

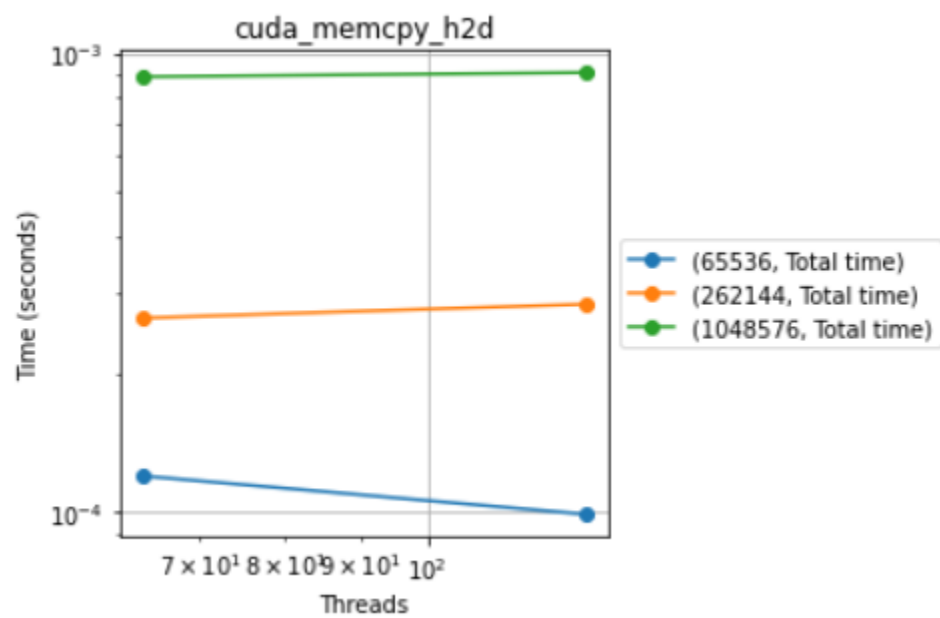
1. Comm



2. Comm large



3. Cuda



4. Main

