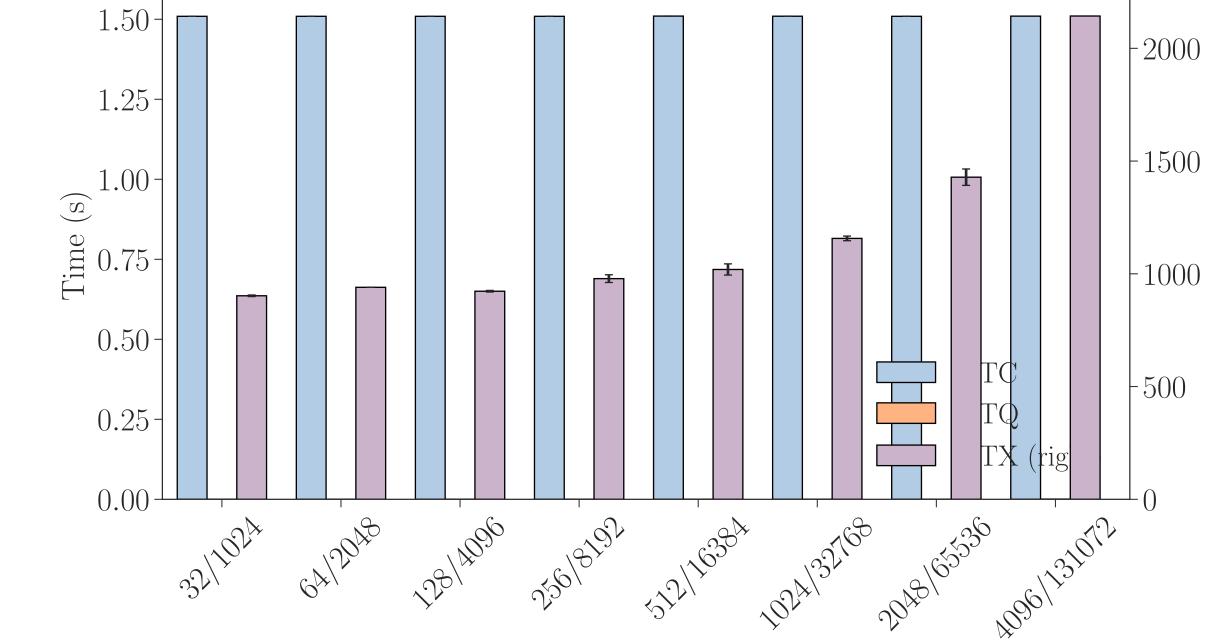
ORNL Titan: Weak scaling of Synapse emulating Gromacs simulations of BPTI protein with #atoms 32–8192 tasks; 32 cores/task; 1024-262144 cores; $\approx 15 \text{m/task}$ Time to completion (TTC); Queuing time (TTQ); Execution time (TTX) 1.50-1.25-1.25-1.25-1.2000



Number of Tasks/Cores