Allocation Loop jemalloc (DRAM) 3500 nvm_malloc with CLWB nvm_malloc no fences/flushes 3000 pmcto_malloc 2500 pmobj_malloc $\frac{s}{2000}$ ے الے 1500 1000 500 2.5 7.5 20.0 5.0 10.0 12.5 15.0 17.5 Parallel Threads