Allocate, Free and Allocate jemalloc (DRAM) 1200^{-1} nvm_malloc with CLWB nvm_malloc no fences/flushes 1000 pmcto_malloc pmobj_malloc 800 600 400200 20.0 2.5 5.0 15.0 17.5 7.5 10.0 12.5 Parallel Threads