Elapsed Time for OpenMP GMP Operations on Ryzen 3970X 32-Core (dim=100,000,000, prec=512) 0.40 0.39 0.38 0.35 0.33 0.33 0.33 0.32 0.32 0.30 **(s) Elapsed Time** 0.25 naive C orig(gmp 0.20 mkII(gmp mkIISR(g 0.15 0.10 0.05 0.00

Operation