$log(g_Z^4)$: -13.972902 B: 2457 Only Background 200000 S+BMedian - Only BG $\pm 1\sigma$ 175000 $\pm 2\sigma$ 150000 Number of Throws 125000 100000 -75000 -50000 25000 -0 -200-150-100-5050 100 150 200 **NLLR**