$log(g_Z^4)$: -13.689798 B: 2457 Only Background 350000S+BMedian - Only BG 300000 $\pm 1\sigma$ $\pm 2\sigma$ 250000 Number of Throws 200000 150000 100000 50000-200-150-100-5050 100 150 200 **NLLR**