$log(g_Z^4)$: -13.774150 B: 2457 Only Background 300000 S+BMedian - Only BG $\pm 1\sigma$ 250000 $\pm 2\sigma$ Number of Throws 200000 150000 -100000 -50000 -200-150-100-5050 100 150 200 **NLLR**