$log(g_Z^4)$: -14.138821 B: 2457 Only Background 120000 S+BMedian - Only BG $\pm 1\sigma$ 100000 $\pm 2\sigma$ Number of Throws 80000 60000 40000 20000 0 -200-150-100-5050 100 150 200 **NLLR**