$log(g_Z^4)$ : -14.570774 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**