$log(g_Z^4)$ : -13.729400 B: 2457 350000 Only Background S+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**