$log(g_Z^4)$ : -14.388952 B: 2457 300000 Only Background S+BMedian - Only BG 250000  $\pm 1\sigma$  $\pm 2\sigma$ 200000 Number of Throws 150000 -100000 50000 -200-150-100-5050 100 150 200

**NLLR**