$log(g_Z^4)$ : -14.652262 B: 2457 175000 Only Background S+BMedian - Only BG 150000  $\pm 1\sigma$  $\pm 2\sigma$ 125000 -Number of Throws 100000 75000 -50000 250000 -200-150-100-5050 100 150 200 **NLLR**