$log(g_Z^4)$ : -14.646563 B: 2457 175000Only Background S+BMedian - Only BG 150000  $\pm 1\sigma$  $\pm 2\sigma$ 125000 Number of Throws 100000 -75000 -50000 25000 0 -200-150-100-5050 100 150 200 **NLLR**