$log(g_Z^4)$ : -14.649816 B: 2457 175000 Only 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**