$log(g_Z^4)$: -13.700206 B: 2457 Only Background 350000S+BMedian - Only BG 300000 $\pm 1\sigma$ $\pm 2\sigma$ 250000Number of Throws 200000 150000 -100000 50000 -150-100-5050 100 150 200 -200**NLLR**