$log(g_Z^4)$: -13.654200 B: 2457 Only Background S+B350000 Median - Only BG $\pm 1\sigma$ 300000 - $\pm 2\sigma$ 250000 -Number of Throws 200000 150000 -100000 50000 -200-150-100-5050 100 150 200 **NLLR**