$log(g_Z^4)$: -14.731218 B: 2457 Only Background S+B120000 Median - Only BG $\pm 1\sigma$ $\pm 2\sigma$ 100000 Number of Throws 80000 -60000 -40000 20000 0 -200-150-100-5050 100 150 200 **NLLR**