$log(g_Z^4)$: -14.620130 B: 2457 Only Background S+B175000 Median - Only BG $\pm 1\sigma$ 150000 - $\pm 2\sigma$ 125000 -Number of Throws 100000 75000 -50000 25000 0 -200-150-100-5050 100 150 200 **NLLR**