$log(g_Z^4)$: -14.691385 B: 2457 Only Background S+B140000 Median - Only BG $\pm 1\sigma$ 120000 $\pm 2\sigma$ 100000 -Number of Throws 80000 60000 -40000 20000 0 -200-150-100-5050 100 150 200 **NLLR**