$log(g_Z^4)$ : -14.734758 B: 2457 Only Background S+B120000 Median - Only BG  $\pm 1\sigma$ 100000  $\pm 2\sigma$ Number of Throws 80000 60000 -4000020000 0 -200-150-100-5050 100 150 200 0

**NLLR**