$log(g_Z^4)$ : -14.056151 B: 2457 Only Background S+B160000 Median - Only BG  $\pm 1\sigma$ 140000  $\pm 2\sigma$ 120000 -Number of Throws 100000 80000 -60000 4000020000 0 -200-150-100-5050 100 150 200 **NLLR**