$log(g_Z^4)$ : -14.677894 B: 2457 160000 Only Background S+B140000 Median - Only BG  $\pm 1\sigma$  $\pm 2\sigma$ 120000 -Number of Throws 100000 -80000 -60000 40000 20000 0 -200-150-100-5050 100 150 200 **NLLR**