$log(g_Z^4)$ : -14.566270 B: 2457 Only Background S+B200000 Median - Only BG  $\pm 1\sigma$ 175000  $\pm 2\sigma$ 150000 -Number of Throws 125000 -100000 -75000 50000 250000

-200

-150

-100

-50

**NLLR** 

50

100

150

200