$log(g_Z^4)$ : -13.829890 B: 2457 Only Background S+BMedian - Only BG 250000  $\pm 1\sigma$  $\pm 2\sigma$ 200000 -Number of Throws 150000 100000 50000

-200

-150

-100

-50

**NLLR** 

50

100

150

200