$log(g_Z^4)$ : -13.663612 B: 2457 Only Background S+B350000 -Median - Only BG  $\pm 1\sigma$ 300000  $\pm 2\sigma$ 250000Number of Throws 200000 -150000 -100000 50000

-200

-150

-100

-50

**NLLR** 

50

100

150

200