MC limit histogram of 10000 toys using skInterpBackground and lkMCMC. ukUncertain, $\sigma s = 0.0276$, $\sigma b = 0.0028$ puUncertain, $\sigma p = 0.0500$. candsInSens Expected limit $\beta_{\gamma} = 3.6060e + 10$ 180 -0 160 **-**140 -120 -MC toy count 3 candidates 100 -4 80 -5 60 -6 40 -Limit 20 -8 0 -5e+41 1e+42 1.5e+42 2e+42 2.5e+42 3e+42 3.5e+42 4e+42 9 Limit β^4