2.3 fb⁻¹ (13 TeV) Events / (50 GeV Low Purity - Sideband Region 10³ **CMS** Data Preliminary Expo tail Fit Model ± 2 s.d. $a1 = 0.0306 \pm 0.0100$ 10² $s1 = 92 \pm 25$ $\chi^2 / ndf = 0.877$ 10 10^{-1} Pulls -4 800 1000 1200 1400 1600 2000 600 1800 M_{τ} (GeV)