

19.7 fb⁻¹ (8 TeV)

CMS Preliminary

$\tilde{b} \rightarrow b\tilde{\chi}_1^0$ NLO+NLL exclusion

— 95% CL Observed limits

— 95% CL Expected limits

± 1 σ_{exp}

± 2 σ_{exp}

Theory cross section ± 1 σ_{th}

$$(m_{\tilde{b}} - \tilde{\chi}_1^0) = 450 \text{ GeV}$$