

19.7 fb<sup>-1</sup> (8 TeV)

CMS Preliminary

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

- 95% CL Observed limits
- 95% CL Expected limits
- ± 1  $\sigma_{\text{exp}}$
- ± 2  $\sigma_{\text{exp}}$
- Theory cross section ± 1  $\sigma_{\text{th}}$

$$(m_{\tilde{b}} - m_{\tilde{\chi}_1^0}) = 149 \text{ GeV}$$

