

CMS *Preliminary*

12.9 fb⁻¹ (13 TeV)

$m_{\tilde{\chi}_1^0}$ [GeV]

800
700
600
500
400
300
200
100
0

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

≡ Observed $\pm 1 \sigma_{\text{theory}}$

Expected ± 1 and $2 \sigma_{\text{experiment}}$



10

1

10⁻¹

10⁻²

10⁻³

95% CL upper limit on cross section [pb]

300 400 500 600 700 800 900 1000 1100 1200

$m_{\tilde{b}}$ [GeV]