

CMS *Preliminary*35.9 fb⁻¹ (13 TeV) $m_{\tilde{\chi}_1^0}$ [GeV]900
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

10⁻¹10⁻²10⁻³

95% CL upper limit on cross section [pb]

300

500

700

900

1100

1300

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