

CMS $2.3 \text{ fb}^{-1} (13 \text{ TeV})$ $m_{\tilde{\chi}_1^0} [\text{GeV}]$ 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 \equiv Observed $\pm 1 \sigma_{\text{theory}}$ \cdots Expected $\pm 1 \sigma_{\text{experiment}}$

10

1

 10^{-1} 10^{-2} 10^{-3}

95% CL upper limit on cross section [pb]

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