

**CMS****12.9 fb<sup>-1</sup> (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 $\equiv$  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]

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

300 400 500 600 700 800 900 1000 1100 1200