

**CMS** *Preliminary*35.9 fb<sup>-1</sup> (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  $\pm 1$  and  $2 \sigma_{\text{experiment}}$ 

300

500

700

900

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

1100

1300

10

1

10<sup>-1</sup>10<sup>-2</sup>10<sup>-3</sup>

95% CL upper limit on cross section [pb]