

CMS *Preliminary*2.3 fb⁻¹ (13 TeV) $m_{\tilde{\chi}_1^0}$ [GeV]600
500
400
300
200
100 $pp \rightarrow \tilde{t}_1 \tilde{t}_1, \tilde{t}_1 \rightarrow b \tilde{\chi}_1^\pm$ NLO+NLL exclusion≡ Observed $\pm 1 \sigma_{\text{theory}}$ - - - Expected $\pm 1 \sigma_{\text{experiment}}$ $m_t = m_t + m_{\tilde{\chi}_1^0}$

200

300

400

500

600

700

800

900

 $m_{\tilde{t}}$ [GeV]10²
10
1
10⁻¹
10⁻²

95% CL upper limit on cross section [pb]

