

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

