

CMS *Preliminary*12.9 fb⁻¹ (13 TeV) $m_{\tilde{\chi}_1^0}$ [GeV]700
600
500
400
300
200
100
0 $pp \rightarrow \tilde{t}_1 \tilde{t}_1, \tilde{t}_1 \rightarrow t \tilde{\chi}_1^0$ NLO+NLL exclusion≡ Observed $\pm 1 \sigma_{\text{theory}}$ ⋯ Expected ± 1 and $2 \sigma_{\text{experiment}}$ $m_t = m_{\tilde{t}} + m_{\tilde{\chi}_1^0}$ $m_{\tilde{t}} \text{ [GeV]}$ 10²
10
1
10⁻¹
10⁻²
10⁻³

95% CL upper limit on cross section [pb]

