

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 $2 \sigma_{\text{experiment}}$

$m_{\tilde{t}} = m_t + m_{\tilde{\chi}_1^0}$

10²
10
1
10⁻¹
10⁻²
10⁻³

95% CL upper limit on cross section [pb]

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

