

CMS *Preliminary*

12.9 fb⁻¹ (13 TeV)

$m_{\tilde{\chi}_1^0}$ [GeV]

$pp \rightarrow \tilde{t}_1 \tilde{t}_1, \tilde{t}_1 \rightarrow t \tilde{\chi}_1^0$ NLO+NLL exclusion

≡ Observed $\pm 1 \sigma_{\text{theory}}$

Expected $\pm 1 \sigma_{\text{experiment}}$

700

600

500

400

300

200

100

0

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

200 400 600 800 1000 1200

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

