

CMS *Preliminary*2.3 fb⁻¹ (13 TeV) $m_{\tilde{\chi}_1^0}$ [GeV]500
450
400
350
300
250
200
150
100
50
0 $pp \rightarrow \tilde{t}\tilde{t}, \tilde{t} \rightarrow t \tilde{\chi}_1^0$ NLO+NLL exclusion≡ Observed $\pm 1 \sigma_{\text{theory}}$ - - - Expected $\pm 1 \sigma_{\text{experiment}}$ $m + m_{\tilde{\chi}_1^0}$ $m_{\tilde{t}}$ [GeV]

100 200 300 400 500 600 700 800 900

10²

10

1

10⁻¹

95% CL upper limit on cross section [pb]

