

CMS**2.3 fb⁻¹ (13 TeV)** **$m_{\tilde{\chi}_1^0}$ [GeV]**

700 $pp \rightarrow \tilde{t}_1 \tilde{t}_1, \tilde{t}_1 \rightarrow c \tilde{\chi}_1^0 / b f f' \tilde{\chi}_1^0$ NLO+NLL exclusion

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

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

600

500

400

300

200

100

0

100 150 200 250 300 350 400 450 500 550

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

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

10²

10

1

95% CL upper limit on cross section [pb]

