

CMS**2.3 fb⁻¹ (13 TeV)** **$m_{\tilde{\chi}_1^0}$ [GeV]**600
500
400
300
200
100
0 $pp \rightarrow \tilde{t}_1 \tilde{t}_1, \tilde{t}_1 \rightarrow t \tilde{\chi}_1^0/b \tilde{\chi}_1^\pm$ NLO+NLL exclusion**==** Observed $\pm 1 \sigma_{\text{theory}}$ **---** Expected $\pm 1 \sigma_{\text{experiment}}$ $m_t = m_{\tilde{t}} + m_{\tilde{\chi}_1^0}$ **$m_{\tilde{t}} \text{ [GeV]}$**

200 300 400 500 600 700 800 900

10²
10
1
10⁻¹
10⁻²**95% CL upper limit on cross section [pb]**