

**CMS** *Preliminary*

2.3 fb<sup>-1</sup> (13 TeV)

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

800  
700  
600  
500  
400  
300  
200

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

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

Expected  $\pm 1$  and  $2 \sigma_{\text{experiment}}$

10

1

95% CL upper limit on cross section [pb]

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

250 300 350 400 450 500 550 600

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