

CMS Preliminary

35.9 fb⁻¹ (13 TeV)

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

800

600

400

200

0

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

— Observed ± 1 s.d._{theory}

- - - Expected ± 1 s.d._{exp.}

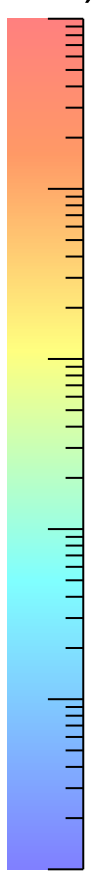
· · · Expected 0l analysis

· · · Expected 1l analysis

- · - · Expected 2l analysis

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

$m_{\tilde{t}_1}$ [GeV]



10²
10
1
10⁻¹
10⁻²
10⁻³

95% CL upper limit on cross section [pb]