

**CMS**129–137 fb<sup>-1</sup> (13 TeV) $pp \rightarrow \tilde{t} \tilde{t}^*, \tilde{t} \rightarrow b \tilde{\chi}_1^\pm \rightarrow b W \tilde{\chi}_1^0, m_{\tilde{\chi}_1^\pm} = (m_{\tilde{t}} + m_{\tilde{\chi}_1^0})/2$  (T2bW)

NLO-NLL exclusion

Expected  $\pm 1 \sigma_{\text{experiment}}$ Observed  $\pm 1 \sigma_{\text{theory}}$ 