CMS Preliminary 35.9 fb⁻¹ (13 TeV) $m_{\widetilde{\chi}_{0}^{o}}$ [GeV] $pp \rightarrow \tilde{q} \tilde{q} NLO+NLL exclusion$ **Expected** 1200 Observed pp $\rightarrow \tilde{t}_1 \tilde{t}_1, \tilde{t}_1 \rightarrow t^{(*)} \tilde{\chi}_1^0$ pp $\rightarrow \tilde{t}_1 \tilde{t}_1, \tilde{t}_1 \rightarrow c \tilde{\chi}_1^0$ 800 Kins $\Delta m_1 \equiv m_{\tilde{t}} - m_{\chi_1^0} = m_W$ $\Delta m_2 \equiv m_{\,\widetilde{t}}$ - $m_{\chi^0_{_1}} = m_{\,t}$ 600 400 200 200 400 600 800 1000 1200 1400 m_ã [GeV]