

CMS

18.1 fb⁻¹ $\sqrt{s} = 8$ TeV $m_{\tilde{\chi}_1^0}$ (GeV) $\tau_h \tau_h$ Channel $pp \rightarrow \tilde{\chi}^+ \tilde{\chi}^-$ $\tilde{\chi}^\pm \rightarrow \tilde{\tau}^\pm \nu_\tau, \tilde{\nu}_\tau \tau^\pm$ $\tilde{\tau}^\pm \rightarrow \tau^\pm \tilde{\chi}_1^0, \tilde{\nu} \rightarrow \nu \tilde{\chi}_1^0$

NLO+NLL exclusion

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