CMS-SUS-16-039 (upperLimit)

 $\textit{TChiChipmSlepStau}: pp \to \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1} \; \widetilde{\chi}^{\scriptscriptstyle \pm}_{\scriptscriptstyle 1}, \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 2} \; \widetilde{\chi}^{\scriptscriptstyle \pm}_{\scriptscriptstyle 1} \; \to l \; \widetilde{l} \; \nu \; \widetilde{\tau}, \; \widetilde{l} \to l \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}, \; \widetilde{\tau} \to \tau \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}$ $m_{\tilde{\chi}_{l}^{\pm}}, m_{\tilde{\chi}_{0}^{0}} = x, m_{\tilde{l}}, m_{\tilde{\tau}} = 0.95 * x + 0.05 * y, m_{\tilde{\gamma}_{0}^{0}} = y$ 3 ±20% (S 600 exclusion (SModelS) 2.5 500 exclusion (official) ±1σ (official) k-factor = 1.25400 1.5 300

