CMS-SUS-13-006 (upperLimit)

$TChiChipmSlepStau : pp \rightarrow \tilde{\chi}_2^0 \, \tilde{\chi}_1^\pm, \, \tilde{\chi}_2^0 \, \tilde{\chi}_1^\pm \rightarrow l \, \tilde{l} \, \nu \, \tilde{\tau}, \, \tilde{l} \rightarrow l \, \tilde{\chi}_1^0, \, \tilde{\tau} \rightarrow \tau \, \tilde{\chi}_1^0$

$m_{\tilde{\chi}_2^0}, \, m_{\tilde{\chi}_1^\pm} = x, \, m_{\tilde{\tau}}, \, m_{\tilde{l}} = 0.95 * x + 0.05 * y, \, m_{\tilde{\chi}_1^0} = y$

exclusion (SModelS)

$\pm 20\%$ (SModelS)

k-factor = 1.25

$r = \sigma_{signal} / \sigma_{UL}$