CMS-SUS-16-039 (upperLimit)

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

$m_{\tilde{\chi}_2^0}, m_{\tilde{\chi}_1^\pm}=x, m_{\tilde{\tau}}, m_{\tilde{l}}=0.5*x + 0.5*y, m_{\tilde{\chi}_1^0}=y$

exclusion (SModelS)

±20% (SModelS)

k-factor = 1.25

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