ATLAS-SUSY-2013-12 (upperLimit)

$TChiChipmSlepL : pp \rightarrow \tilde{\chi}_2^0 \tilde{\chi}_1^\pm, \tilde{\chi}_2^0 \tilde{\chi}_1^\pm \rightarrow l\, \tilde{l}\, (\nu\, \tilde{\nu})\, l\, \tilde{\nu}\, (\nu\, \tilde{l}), \tilde{l} \rightarrow l\, \tilde{\chi}_1^0, \tilde{\nu} \rightarrow \nu\, \tilde{\chi}_1^0$

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

k-factor = 1.25

±20% (S   SModelS

exclusion (SModelS)

exclusion (official)

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

upper limit