ATLAS-CONF-2013-036 (upperLimit)

$TChiChiSlepSlep : pp \rightarrow \tilde{\chi}_3^0 \tilde{\chi}_2^0, \tilde{\chi}_3^0 \tilde{\chi}_2^0 \rightarrow l \tilde{l} l \tilde{l}, \tilde{l} \rightarrow l \tilde{\chi}_1^0$

$Eq(m_{\tilde{\chi}_2^0}, m_{\tilde{\chi}_3^0}, x + y), Eq(m_{\tilde{l}}, 1.0*x + 0.5*y), Eq(m_{\tilde{\chi}_1^0}, x)$

±20% (SModelS)

exclusion (SModelS)

exclusion (official)

k-factor = 1.25

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

official plot:
https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2013-036/fig_07b.png