$TChiChipmSlepL: pp \rightarrow \widetilde{\chi}^{0}_{2} \ \widetilde{\chi}^{\pm}_{1}, \ \widetilde{\chi}^{0}_{2} \ \widetilde{\chi}^{\pm}_{1} \ \rightarrow l \ \widetilde{l} \ (\ \nu \ \widetilde{\nu}\) \ l \ \widetilde{\nu} \ (\ \nu \ \widetilde{\widetilde{l}}\), \ \widetilde{l} \rightarrow l \ \widetilde{\chi}^{0}_{1}, \ \widetilde{\nu} \rightarrow \nu \ \widetilde{\chi}^{0}_{1}, \ \widetilde{\nu}^{0}_{$ $m_{\tilde{\chi}_{2}^{0}}, m_{\tilde{\chi}_{2}^{\pm}} = x, m_{\tilde{v}}, m_{\tilde{l}} = 0.5 * x + 0.5 * y, m_{\tilde{z}^{0}} = y$ 600 exclusion (SModelS) ±20% (SModelS) 500 2.5 k-factor = 1.25 400 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{Ul}}$ > 300 1.5 200 100 0.5 200 300 400 700 800 500 600 χ

ATLAS-SUSY-2013-12 (upperLimit)

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-12/fig_07a.png

official plot: