$TChiWZoff: pp \rightarrow \widetilde{\chi}_{2}^{0} \ \widetilde{\chi}_{1}^{\pm}, \ \widetilde{\chi}_{2}^{0} \ \widetilde{\chi}_{1}^{\pm} \rightarrow Z^{*} \ W^{*} \ \widetilde{\chi}_{1}^{0} \ \widetilde{\chi}_{1}^{0}$ $m_{\tilde{\chi}_{2}^{0}}, m_{\tilde{\chi}_{1}^{\pm}} = x, m_{\tilde{\chi}_{1}^{0}} = y$ 3 SModelS exclusion (SModelS) 300 ±20% (SModelS) 2.5 250 k-factor = 1.25 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{Ul}}$ 200 1.5 150 100 0.5 50 150 300 350 200 250 \mathcal{X} official plot:

ATLAS-CONF-2013-035 (upperLimit)

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2013-035/figaux_01b.png