100 exclusion (official) 1.8 80 1.6 1.4 60 1.2 40 0.8 0.6 20 0.4 0.2

 \mathcal{X}

300

350

400

ATLAS-SUSY-2013-14 (upperLimit)

2.2

 $\sigma_{
m signal}/\sigma_{
m UI}$

exclusion (SModelS)

±20% (SModelS)

 $m_{\tilde{\chi}_{.}^{\pm}} = x, m_{\tilde{\tau}}, m_{\tilde{\nu}} = 0.5 * x + 0.5 * y, m_{\tilde{z}^{0}} = y$

150

official plot:

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-14/figaux_11a.png

250

200