40 k-factor = 1.25 0.8 0.6 0.6 0.4 0.2

160

180

170

 χ

190

200

exclusion (SModelS)

±20% (SModelS)

ATLAS-SUSY-2013-12 (upperLimit)

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-12/fig_07d.png

150

140

 $TChiWH: pp \to \widetilde{\chi}_{2}^{0} \ \widetilde{\chi}_{1}^{\pm}, \ \widetilde{\chi}_{2}^{0} \ \widetilde{\chi}_{1}^{\pm} \to H \ W \ \widetilde{\chi}_{1}^{0} \ \widetilde{\chi}_{1}^{0}$

 $m_{\tilde{\chi}_{2}^{0}}, m_{\tilde{\chi}_{1}^{\pm}} = x, m_{\tilde{\chi}_{1}^{0}} = y$

50

official plot: