±20% (SModelS) 200 2 1.5 150 100 0.5 50 260 180 220 240 280 120 140 160 200 \mathcal{X}

ATLAS-SUSY-2013-19

exclusion (SModelS)

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-19/fig_16.png

 $T6bbWWoff: pp \rightarrow \widetilde{t} \ \widetilde{t}, \ \widetilde{t} \ \rightarrow b \ \widetilde{\chi}_{i}^{\pm}, \ \widetilde{\chi}_{i}^{\pm} \rightarrow W^{*} \ \widetilde{\chi}_{i}^{0}$

 $m_{\tilde{t}} = 300.0, m_{\tilde{x}^{\pm}} = x, m_{\tilde{x}^{0}} = y$

250

official plot:

(upperLimit)

2.5

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