## 3 1100 exclusion (SModelS) 1000 ±20% (SModelS) 2.5 900 800 $\sigma_{ m signal'}$ 700 1.5 600 500 400 0.5 300 200 500 800 1000 1100 300 400 600 700 900 $\mathcal{X}$ official plot: https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-02/figaux\_11b.png

ATLAS-SUSY-2013-02 (upperLimit)

 $T5WWoff: pp \rightarrow \widetilde{g} \ \widetilde{g}, \ \widetilde{g} \rightarrow q \ \overline{q} \ \widetilde{\chi}_{i}^{\pm}, \ \widetilde{\chi}_{i}^{\pm} \rightarrow W^{*} \ \widetilde{\chi}_{i}^{0}$ 

 $m_{\tilde{g}} = x$ ,  $m_{\tilde{g}^{\pm}} = 0.5 * x + 0.5 * y$ ,  $m_{\tilde{g}^{0}} = y$