exclusion (SModelS) ±20% (SModelS) 2.5 $\sigma_{\text{signal}'}$ 1.5 0.5 χ official plot:

ATLAS-SUSY-2013-02 (upperLimit)

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-02/figaux_11b.png

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

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