$T6WWoff: pp \rightarrow \widetilde{q} \ \widetilde{q}, \ \widetilde{q} \rightarrow q \ \widetilde{\chi}_{_{I}}^{_{+}}, \ \widetilde{\chi}_{_{I}}^{_{+}} \rightarrow W^{*} \ \widetilde{\chi}_{_{I}}^{^{0}}$ $m_{\tilde{q}} = x$, $m_{\tilde{z}^{\pm}} = 0.5 * x + 0.5 * y$, $m_{\tilde{z}^{0}} = y$ exclusion (SModelS) ±20% (SModelS) 2.5 $\sigma_{ m signal'}$ 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_11d.png