$T6WWoff: pp \rightarrow \tilde{q} \ \tilde{q}, \ \tilde{q} \rightarrow q \ \tilde{\chi}^{+}m_{p} \ \tilde{\chi}^{+}m_{l} \rightarrow W^{*} \ \tilde{\chi}^{0}_{l}$ $Eq(m_{\tilde{q}}, x), Eq(m_{\tilde{\chi}^+_{m_s}}, 0.5*x + 0.5*y), Eq(m_{\tilde{\chi}^0}, y)$ 3 ±20% (SModelS) 1000 exclusion (SModelS) 2.5 exclusion (official) 900 800 700 $\sigma_{ m signal'}$ 1.5 600 500 400 0.5 300 200 300 500 700 800 400 600 900 1000 1100 χ official plot:

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-02/figaux_11d.png

ATLAS-SUSY-2013-02

(upperLimit)