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

(upperLimit)

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https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2013-089/fig_23a.png