## $T6WW: pp \rightarrow \widetilde{q} \ \widetilde{q}, \ \widetilde{q} \ \rightarrow q \ \widetilde{\chi}^{+}m_{p} \ \widetilde{\chi}^{+}m_{l} \rightarrow W \ \widetilde{\chi}_{l}^{0}$ $Eq(m_{\tilde{q}}, x), Eq(m_{\tilde{\chi}^{+}m_{s}}, 0.5*x + 0.5*y), Eq(m_{\tilde{\chi}^{0}}, y)$ 3 800 ±20% (SModelS) exclusion (SModelS) 700 2.5 exclusion (official) 600 500 1.5 400 300 200 0.5 100 400 500 700 1000 1100 300 600 800 900 $\mathcal{X}$ official plot:

(upperLimit)

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https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2013-089/fig\_23a.png