800 2.5 exclusion (official) 700 600 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{o}_{ ext{Ul}}$ 500 1.5 400 300 200 0.5 100 1200 400 600 800 1000 1400 \mathcal{X} official plot: https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2013-089/fig_22a.png

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±20% (SModelS)

exclusion (SModelS)

 $T5WW: pp \rightarrow \widetilde{g} \ \widetilde{g}, \ \widetilde{g} \rightarrow q \ \overline{q} \ \widetilde{\chi}^{+}m_{p} \ \widetilde{\chi}^{+}m_{1} \rightarrow W \ \widetilde{\chi}^{0}$

 $Eq(m_{\tilde{g}}, x), Eq(m_{\tilde{\chi}_{m_{1}}^{+}}, 0.5*x + 0.5*y), Eq(m_{\tilde{\chi}_{m}^{0}}, y)$

900

(upperLimit)