ATLAS-CONF-2013-061 (upperLimit)

900 1000 1100 1200 1300 1400

T1tttt: $pp \to \tilde{g} \ \tilde{g}, \ \tilde{g} \to t \ \bar{t} \ \tilde{\chi}^0$ $m_{\tilde{g}} = x$, $m_{\tilde{\chi}_{i}^{0}} = y$ 3 exclusion (SModelS) SModelS ±20% (SModelS) 600 2.5 exclusion (official) 500 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{Ul}}$ 400 1.5 300 200 0.5 100

official plot:

500

600

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2013-061/fig_12b.png

 \mathcal{X}

800

700