## ATLAS-CONF-2012-105 (upperLimit) T1tttt: $pp \to \tilde{g} \ \tilde{g}, \ \tilde{g} \ \to t \ \bar{t} \ \ \tilde{\chi}^0_{_I}$

 $m_{\tilde{g}}=x$ ,  $m_{\tilde{\chi}_{i}^{0}}=y$ 3 exclusion (SModelS) SModelS 700 ±20% (SModelS) 2.5 exclusion (official) 600  $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{o}_{ ext{Ul}}$ 500 400 1.5 300 200

0.5

1100

1000

900

official plot:

600

500

100

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2012-105/fig\_03.png

800

 $\mathcal{X}$ 

700