ATLAS-CONF-2013-007 (upperLimit) T1btbt: $pp \rightarrow \tilde{g} \ \tilde{g}, \ \tilde{g} \rightarrow b \ t \ \tilde{\chi}_{t}^{0}$

 $m_{\tilde{g}} = x$, $m_{\tilde{\chi}_{\cdot}^{0}} = y$

3 900 exclusion (SModelS) SModelS ±20% (SModelS) 800 2.5 exclusion (official) 700 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{Ul}}$ 600 1.5 500 400 300 0.5 200 600 700 800 900 1000 1100 χ official plot:

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2013-007/fig_11.png