# CMS-SUS-15-002 (upperLimit)
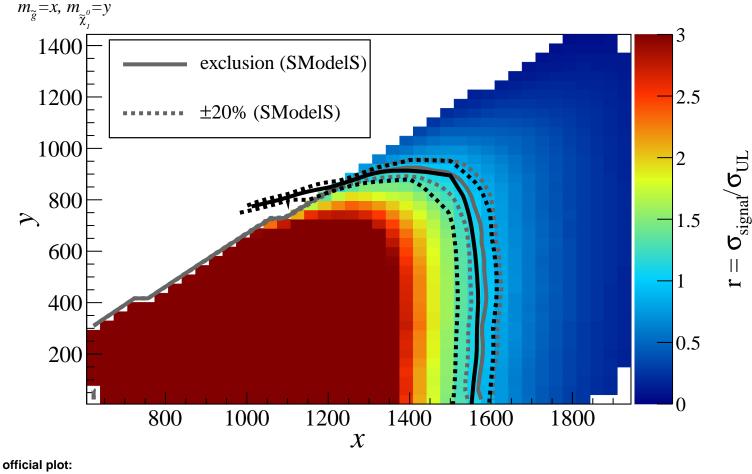


$T1tttt : pp \rightarrow \tilde{g}\ \tilde{g},\ \tilde{g} \rightarrow t\ \bar{t}\ \tilde{\chi}_1^0$

$m_{\tilde{g}} = x,\ m_{\tilde{\chi}_1^0} = y$

exclusion (SModelS)

±20% (SModelS)

$r = \sigma_{signal}/\sigma_{UL}$

**official plot:**
**http://cms-results.web.cern.ch/cms-results/public-results/publications/SUS-15-002/CMS-SUS-15-002_Figure_008-a.png**