CMS-PAS-SUS-15-002 (upperLimit) T1tttt: $pp \rightarrow \widetilde{g} \ \widetilde{g}, \ \widetilde{g} \ \rightarrow t \ \overline{t} \ \widetilde{\chi}^0_{_I}$

800

 $m_{\tilde{g}}=x$, $m_{\tilde{\chi}_{0}^{0}}=y$ 3 1400 exclusion (SModelS) 1200 2.5 ±20% (SModelS) 1000 $\sigma_{
m signal}/\sigma_{
m Ul}$ 800 1.5 600 400 0.5 200

official plot: http://cms-results.web.cern.ch/cms-results/public-results/superseded/SUS-15-002/CMS-PAS-SUS-15-002_Figure_008-b.png

 \mathcal{X}

1400

1600

1800

1200

1000