CMS-PAS-SUS-14-011 (upperLimit)

0.5

T1tttt: $pp \to \tilde{g} \ \tilde{g}, \ \tilde{g} \to t \ \bar{t} \ \tilde{\chi}_{1}^{0}$ $m_{\tilde{g}} = x$, $m_{\tilde{\chi}_{\cdot}^{0}} = y$ 3 exclusion (SModelS) SModelS ±20% (SModelS) 1000 2.5 exclusion (official) 800 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{o}_{ ext{Ul}}$ 600 1.5 400 200



600

https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS14011/T1ttttHybridNew0Lp1Lp2LXSEC.pdf

1000

 \mathcal{X}

1200

1400

800