CMS-SUS-13-004 (upperLimit)

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

$Eq(m_{\tilde{g}}, x),\ Eq(m_{\tilde{\chi}_1^0}, y)$

±20% (SModelS)
exclusion (SModelS)
exclusion (official)

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

y

x

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13004/T1ttttHybridNew0Lp1Lp2LXSEC.pdf