# CMS-PAS-SUS-12-026 (upperLimit)

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

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



- $\pm 20\%$ (SModelS)
- exclusion (SModelS)
- exclusion (official)

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

**official plot:**
**https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS12026/curve_T1tttt_overlay_observed.pdf**