exclusion (SModelS) 1400 2.5 ±20% (SModelS) 1200 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{Ul}}$ 1000 1.5 800 600 0.5 400 1800 800 1000 1200 1400 1600 \mathcal{X} official plot: http://cms-results.web.cern.ch/cms-results/public-results/publications/SUS-16-035/CMS-SUS-16-035_Figure_005-a.png

CMS-SUS-16-035 (upperLimit)

3

T1ttttoff: $pp \to \tilde{g} \ \tilde{g}, \ \tilde{g} \to t^* \ \bar{t}^* \ \tilde{\chi}^0_{l}$

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