## CMS-PAS-SUS-16-015 (upperLimit) T1tttt: $pp \to \tilde{g} \ \tilde{g}, \ \tilde{g} \to t \ \bar{t} \ \ \tilde{\chi}^{0}_{\tau}$

1000

800

1200

 $Eq(m_{_{\widetilde{o}}},\,x),\,Eq(m_{_{\widetilde{o}}^{o}},\,y)$ 3 ±20% (SModelS) 1400 exclusion (SModelS) 2.5 exclusion (official) 1200 1000  $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{U}}$ 800 1.5 600 400

official plot:

200

 $\dot{\text{http://cms-results/public-results/preliminary-results/SUS-16-015/CMS-PAS-SUS-16-015\_Figure\_006-b.pdf} and the properties of the prop$ 

1400

 $\mathcal{X}$ 

1600

0.5

2000

1800