SModelS exclusion (SModelS) 900 ±20% (SModelS) 2.5 800 700 $\sigma_{
m signal}/\sigma_{
m UI}$ 600 500 1.5 400 300 200 0.5 100

1000 1100 1200 1300

CMS-SUS-13-007 (efficiencyMap)

3

 $T1tttt: pp \to \widetilde{g} \ \widetilde{g}, \ \widetilde{g} \ \to t \ \overline{t} \ \widetilde{\chi}_{1}^{0}$

500

official plot:

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

https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13007/DPhi_Method_T1tttt_Elect_250_Nb2.pdf

900 X

800

700

600