CMS-PAS-SUS-14-011 (upperLimit)

0.5

 $m_{\tilde{g}} = x$, $m_{\tilde{\chi}_{\cdot}^{0}} = y$ 3 exclusion (SModelS) SModelS ±20% (SModelS) 1200 2.5 exclusion (official) 1000 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{o}_{ ext{Ul}}$ 800 1.5 600 400

1000

 \mathcal{X}

1200

1400

official plot:

200

 $T1bbbb: pp \to \tilde{g} \ \tilde{g}, \ \tilde{g} \ \to b \ \overline{b} \ \ \tilde{\chi}_{1}^{0}$

600

https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS14011/T1bbbbHybridNew0LXSEC.pdf

800