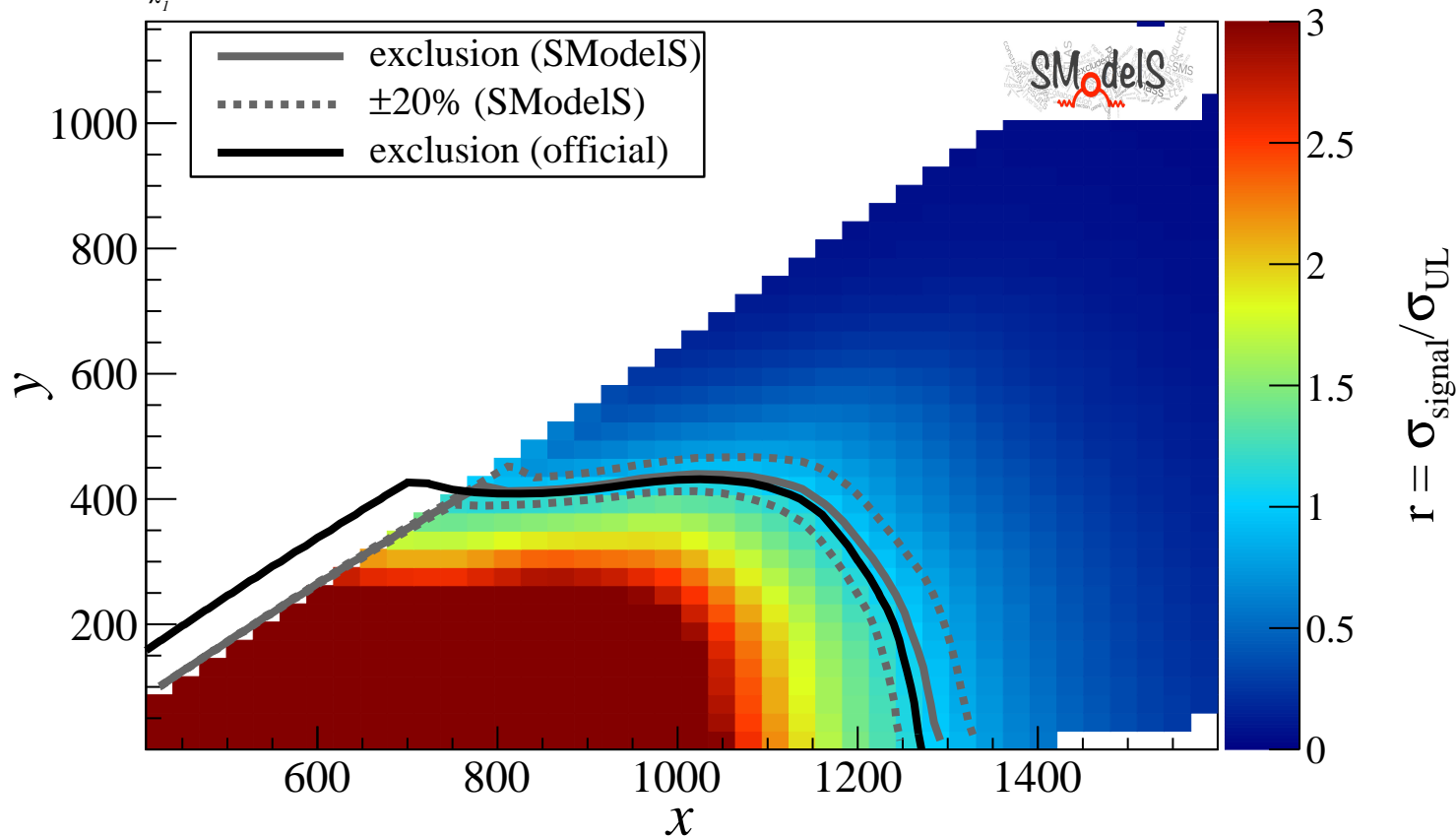# CMS-PAS-SUS-14-011 (upperLimit)

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

$m_{\tilde{g}} = x,\ m_{\tilde{\chi}_1^0} = y$

- exclusion (SModelS)
- ±20% (SModelS)
- exclusion (official)

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

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS14011/T1ttttHybridNew0Lp1Lp2LXSEC.pdf