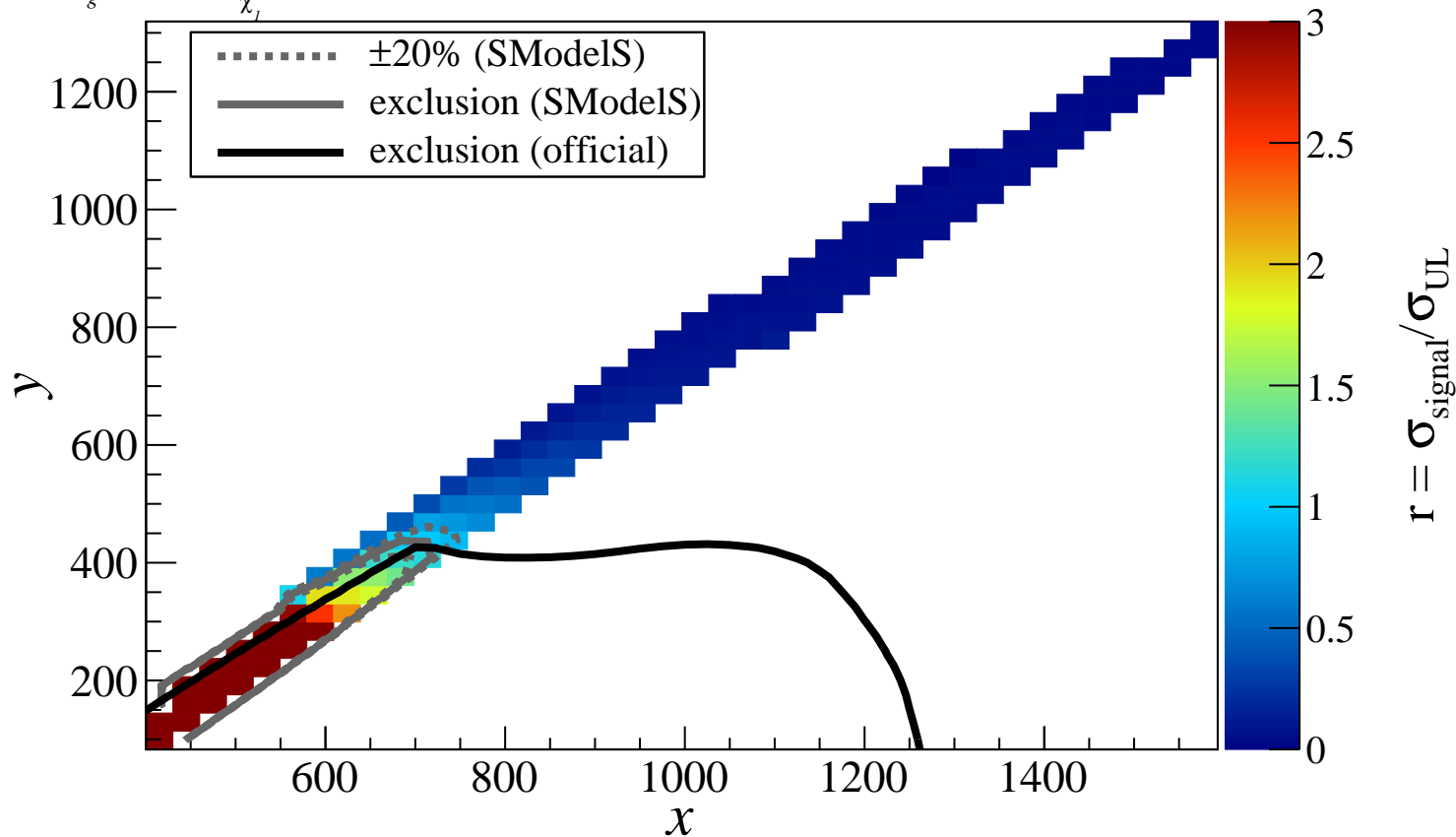# CMS-SUS-13-004 (upperLimit)

$T1ttttoff : pp \rightarrow \tilde{g} \; \tilde{g}, \; \tilde{g} \rightarrow t^* \; \bar{t}^* \; \tilde{\chi}_1^0$

$Eq(m_{\tilde{g}}, x), Eq(m_{\tilde{\chi}_1^0}, y)$

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

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

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13004/T1ttttHybridNew0Lp1Lp2LXSEC.pdf