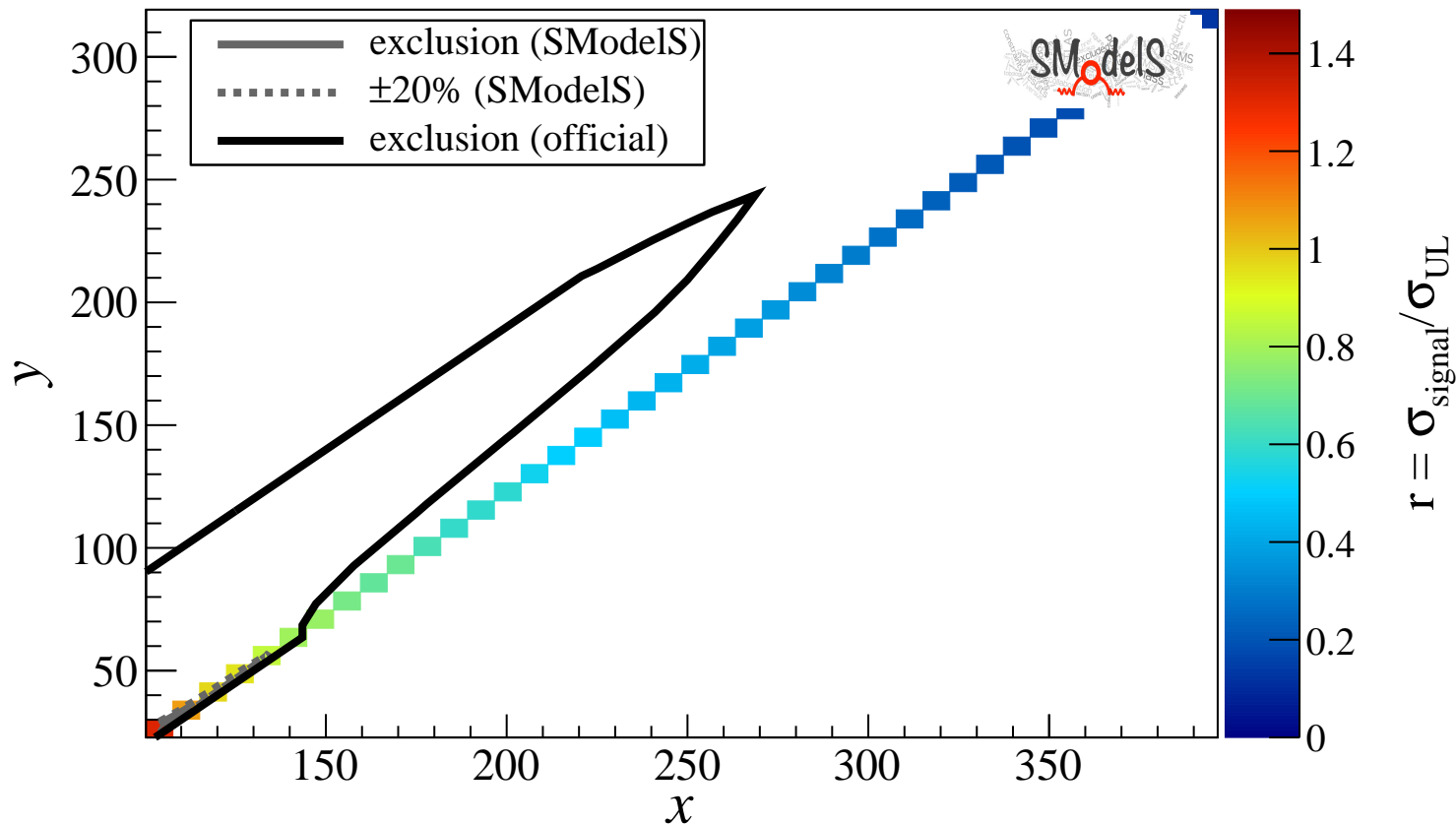# CMS-SUS-14-021 (upperLimit)

$T2bbWW : pp \rightarrow \tilde{t}\,\tilde{t},\ \tilde{t} \rightarrow b\,W\,\tilde{\chi}^{0}_{1}$

$m_{\tilde{t}} = x,\ m_{\tilde{\chi}^{0}_{1}} = y$

— exclusion (SModelS)
···· ±20% (SModelS)
— exclusion (official)

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

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS14021/singleLeptonLimits.pdf