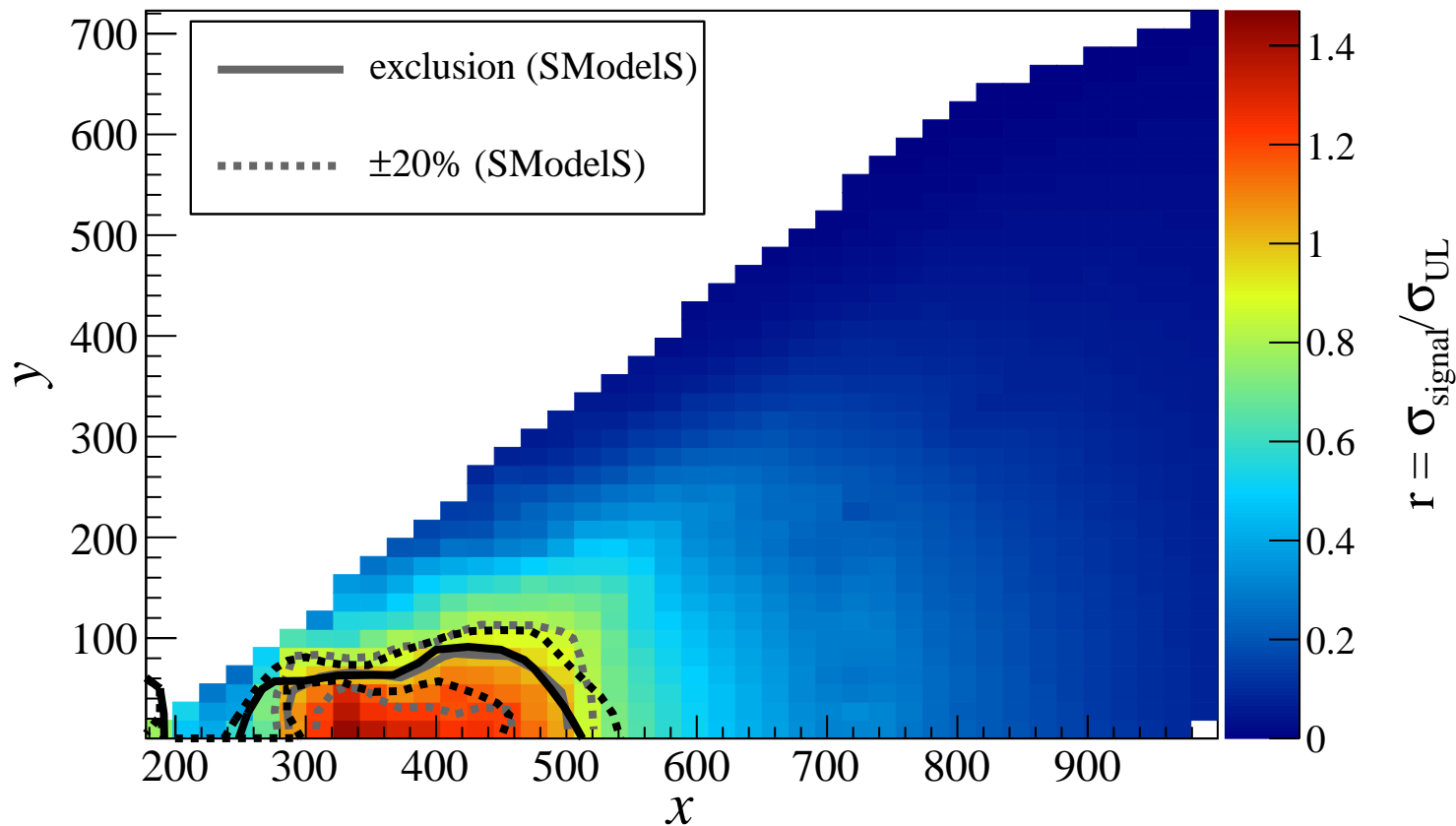# CMS-SUS-13-019 (upperLimit)

$T2tt : pp \rightarrow \tilde{t} \, \tilde{t}, \, \tilde{t} \rightarrow t \, \tilde{\chi}_1^0$

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

exclusion (SModelS)

$\pm 20\%$ (SModelS)

y

x

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

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13019/T2tt-SUS13019-final_XSEC.png