# CMS-SUS-14-010 (upperLimit)

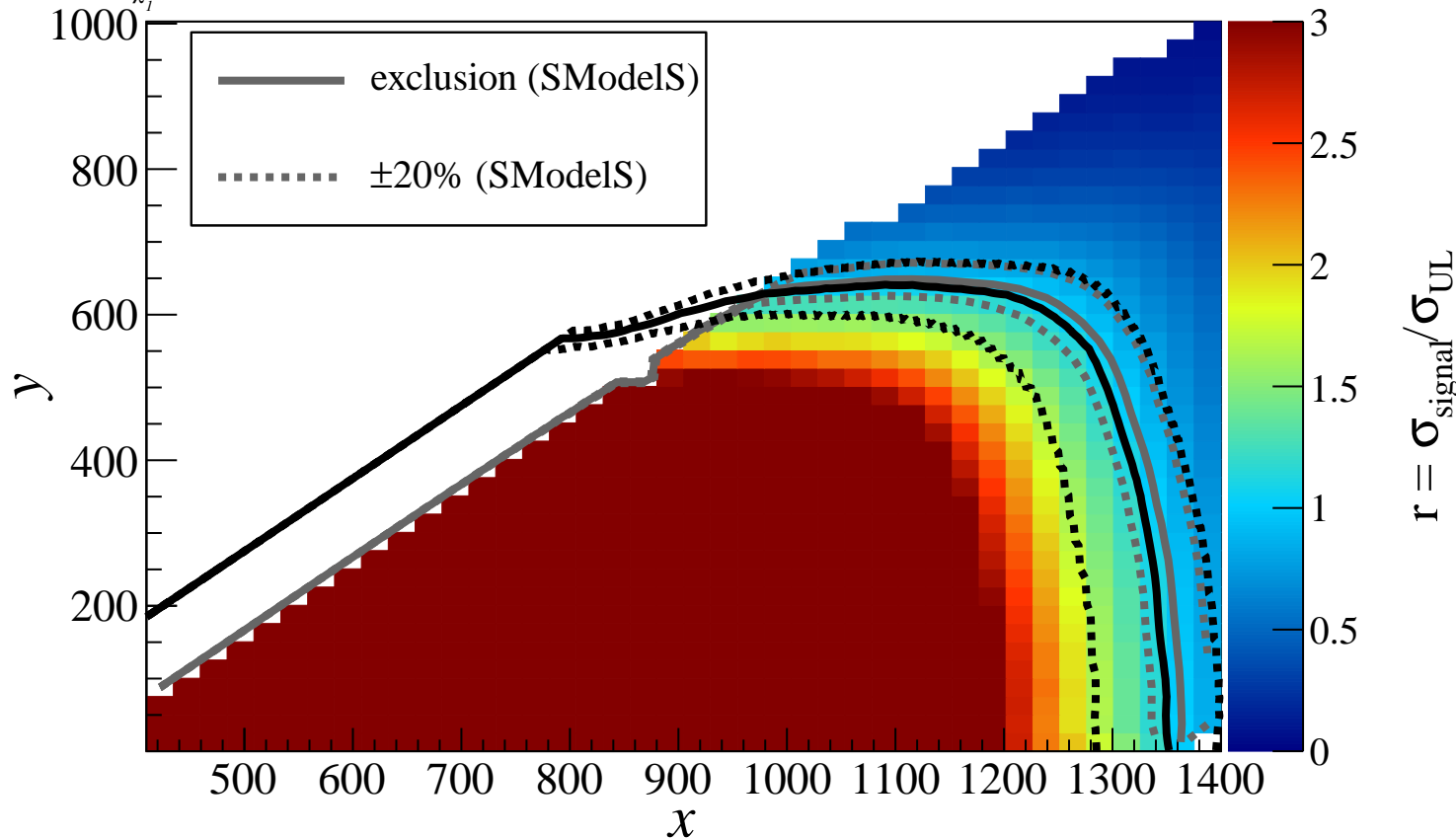$T1tttt : pp \rightarrow \tilde{g}\,\tilde{g},\ \tilde{g} \rightarrow t\,\bar{t}\ \tilde{\chi}_1^0$

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

exclusion (SModelS)

±20% (SModelS)

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

**official plot:**
**https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS14010/T1CombXSEC.pdf**