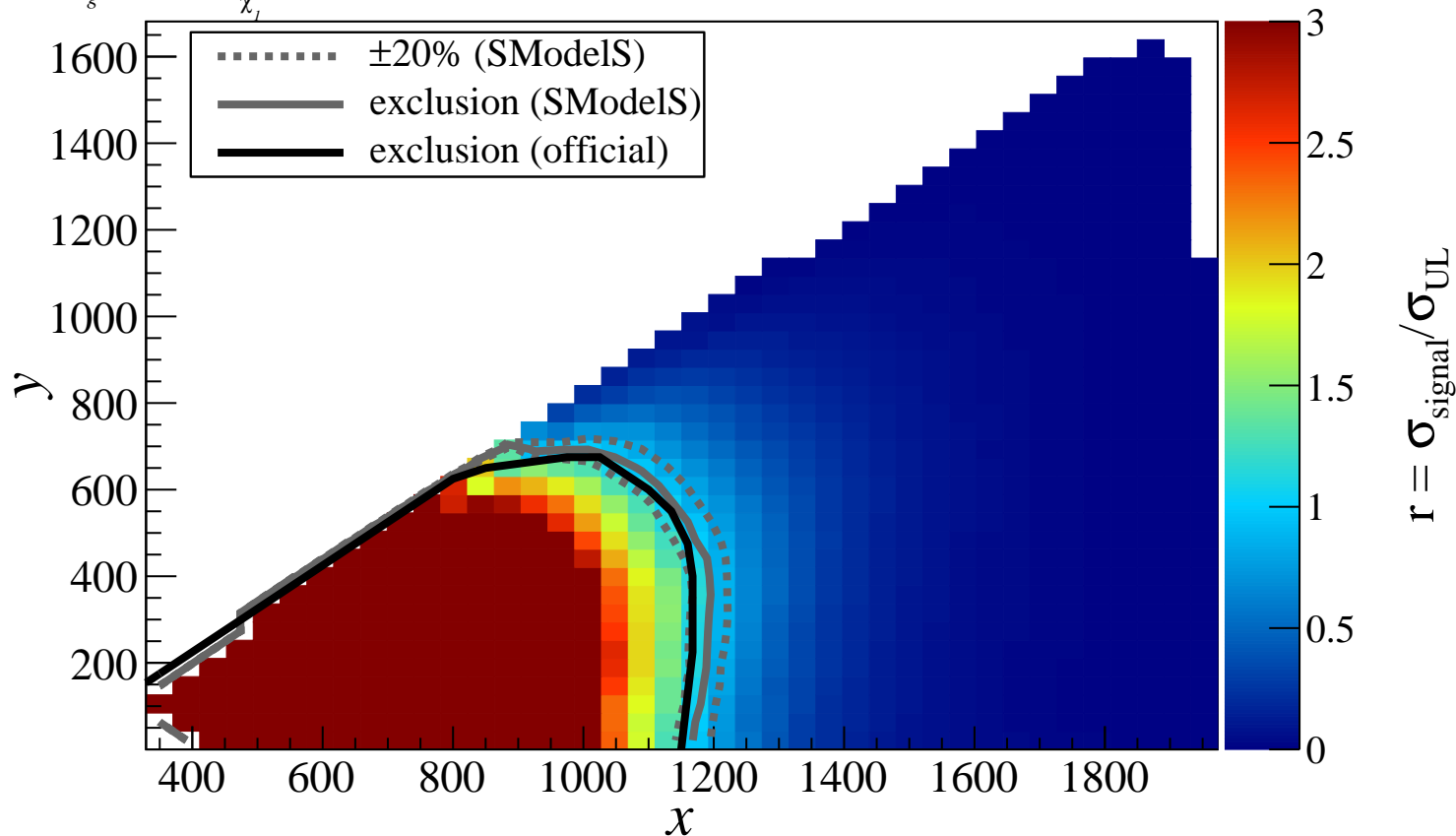# CMS-SUS-12-028 (upperLimit)

$T1bbbb : pp \rightarrow \tilde{g}\ \tilde{g},\ \tilde{g} \rightarrow b\ \overline{b}\ \tilde{\chi}_1^0$

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

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

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

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS12028/t1bbbb.pdf