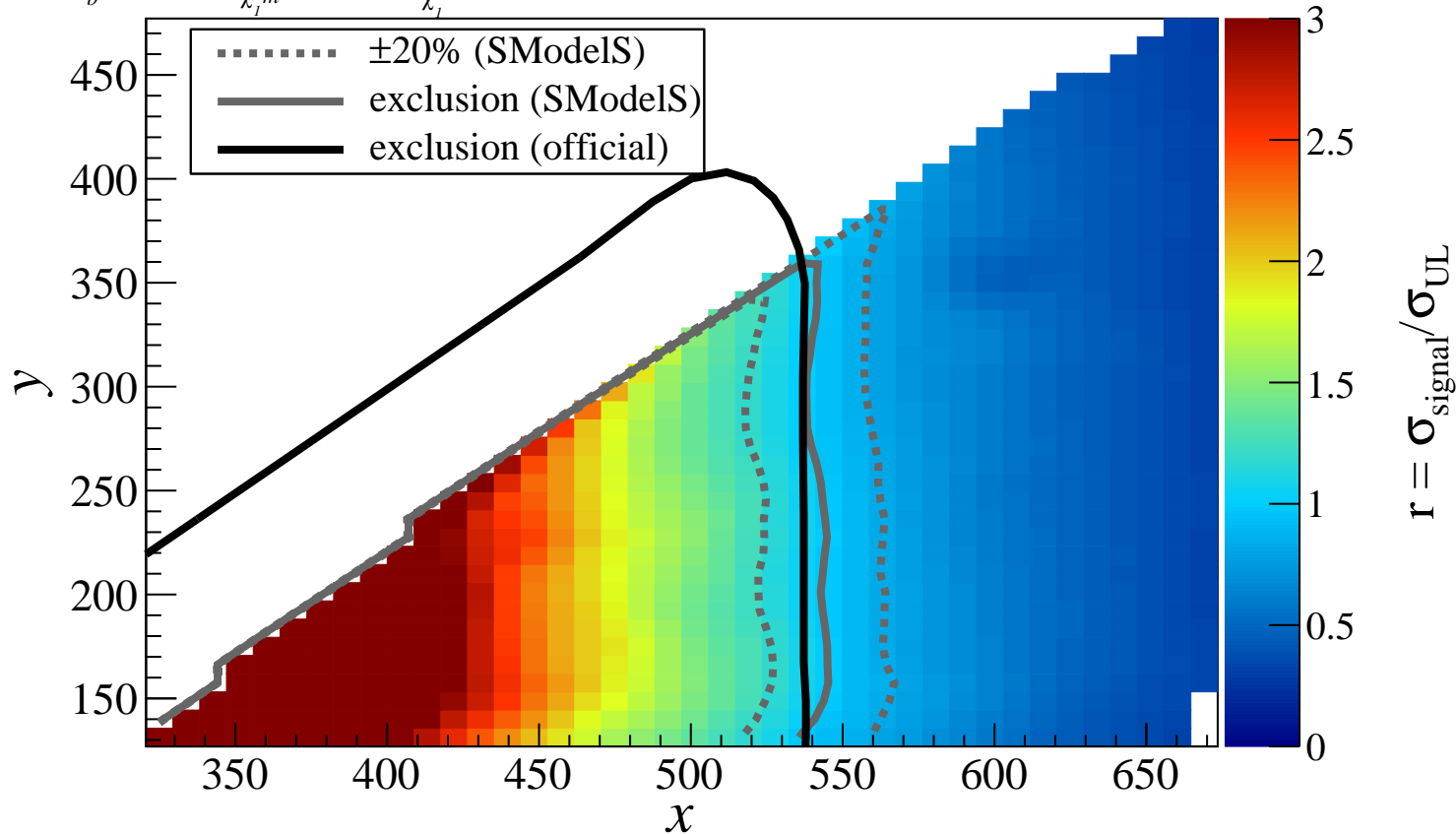# CMS-SUS-13-013 (upperLimit)

$T6ttWW : pp \rightarrow \tilde{b}\,\tilde{b},\ \tilde{b} \rightarrow t\,\tilde{\chi}_1^+ m,\ \tilde{\chi}_1^+ m \rightarrow W\,\tilde{\chi}_1^0$

$Eq(m_{\tilde{b}}, x),\ Eq(m_{\tilde{\chi}_1^+ m}, y),\ Eq(m_{\tilde{\chi}_1^0}, 50)$

- $\pm 20\%$ (SModelS)
- exclusion (SModelS)
- exclusion (official)

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

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13013/Figure6_B1a.pdf