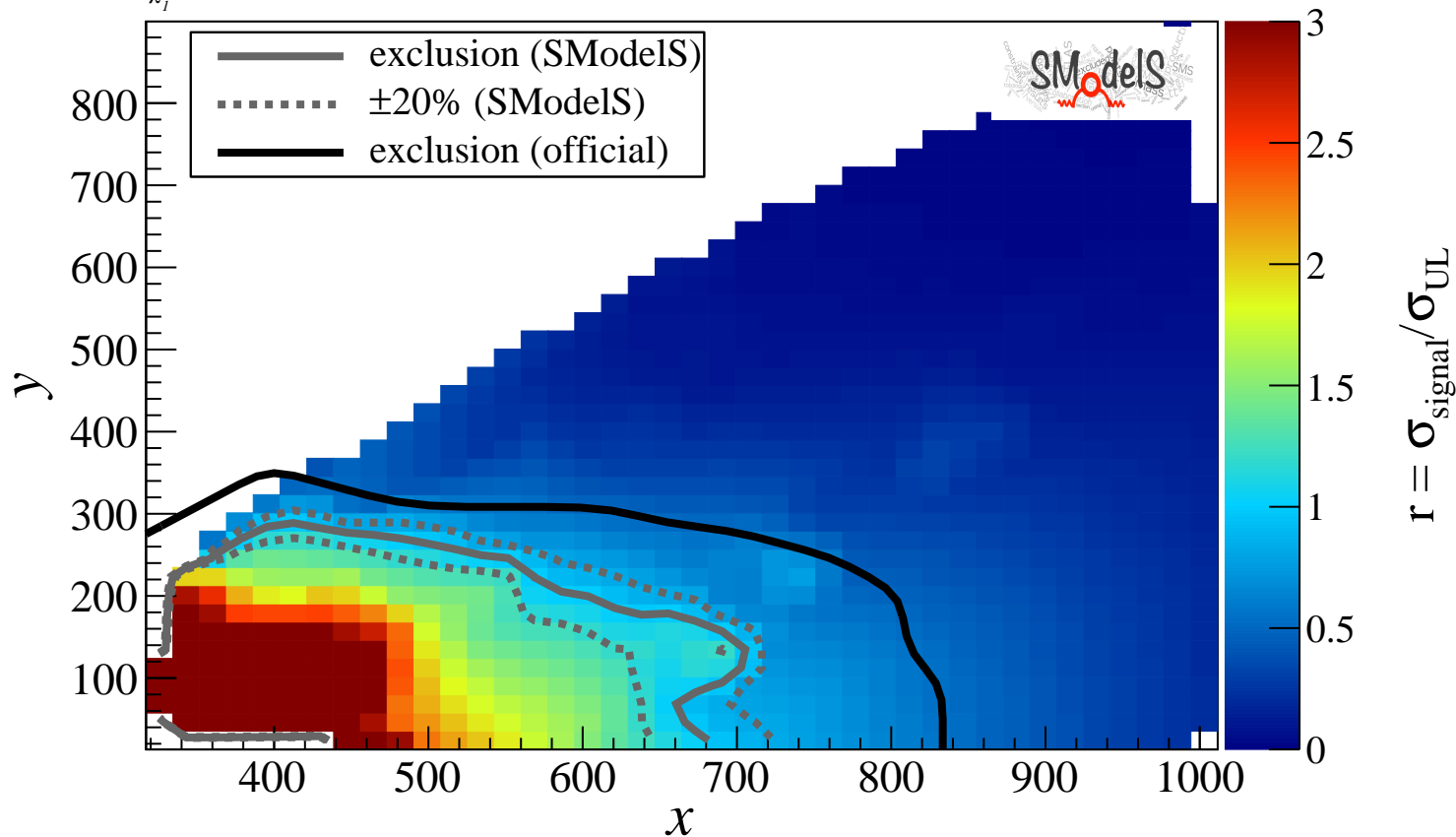# CMS-SUS-13-012 (efficiencyMap)

$T2 : pp \rightarrow \tilde{q} \, \tilde{q}, \, \tilde{q} \rightarrow q \, \tilde{\chi}_1^0$

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

exclusion (SModelS)

±20% (SModelS)

exclusion (official)

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

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13012/Fig_7a.pdf