CMS-SUS-12-028 (upperLimit)

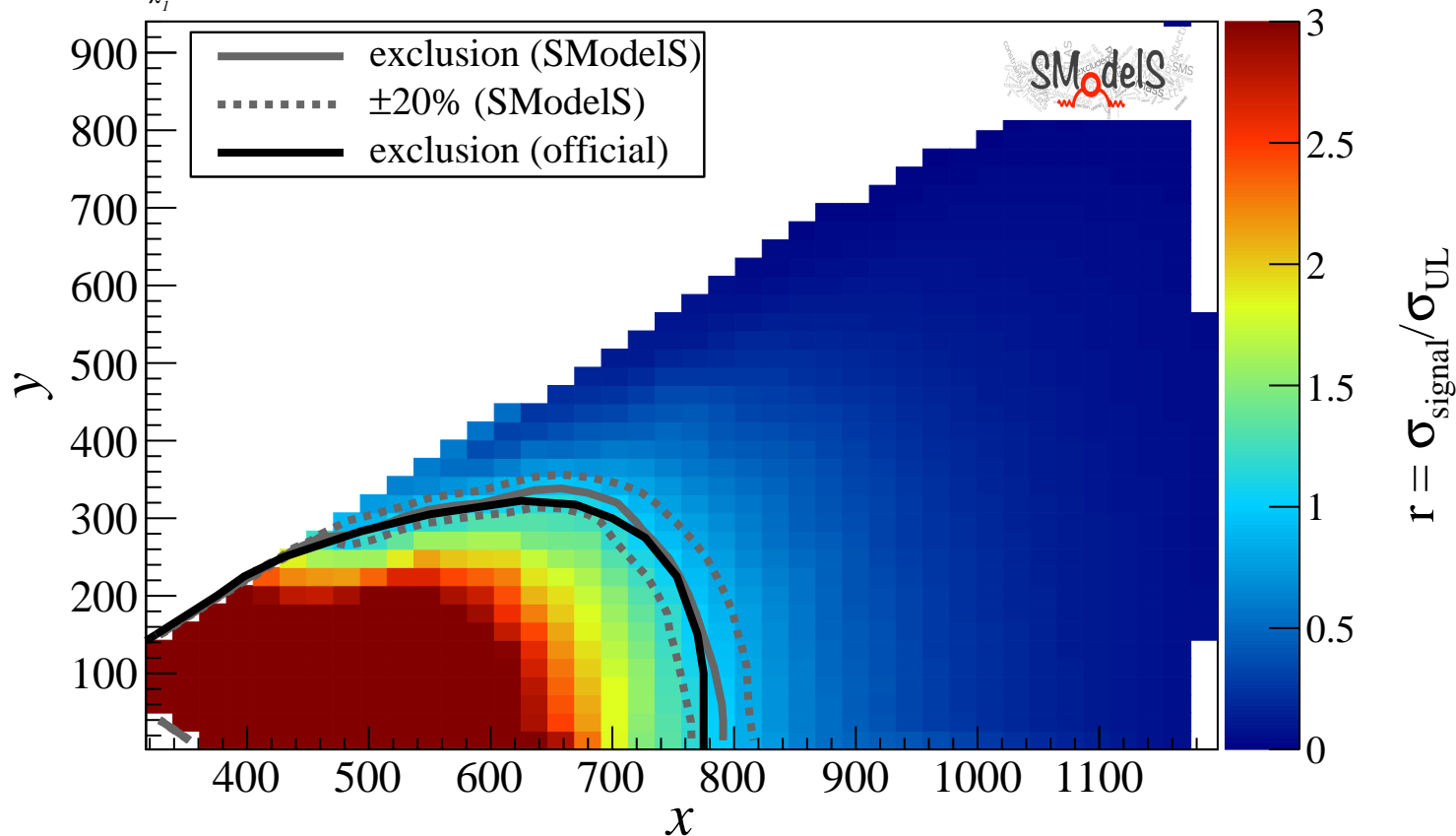$T2 : pp \rightarrow \tilde{q}\ \tilde{q},\ \tilde{q}\ \rightarrow q\ \tilde{\chi}^0_1$

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

— exclusion (SModelS)

⋯ ±20% (SModelS)

— exclusion (official)

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

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS12028/t2.pdf