CMS-SUS-13-011 (efficiencyMap)
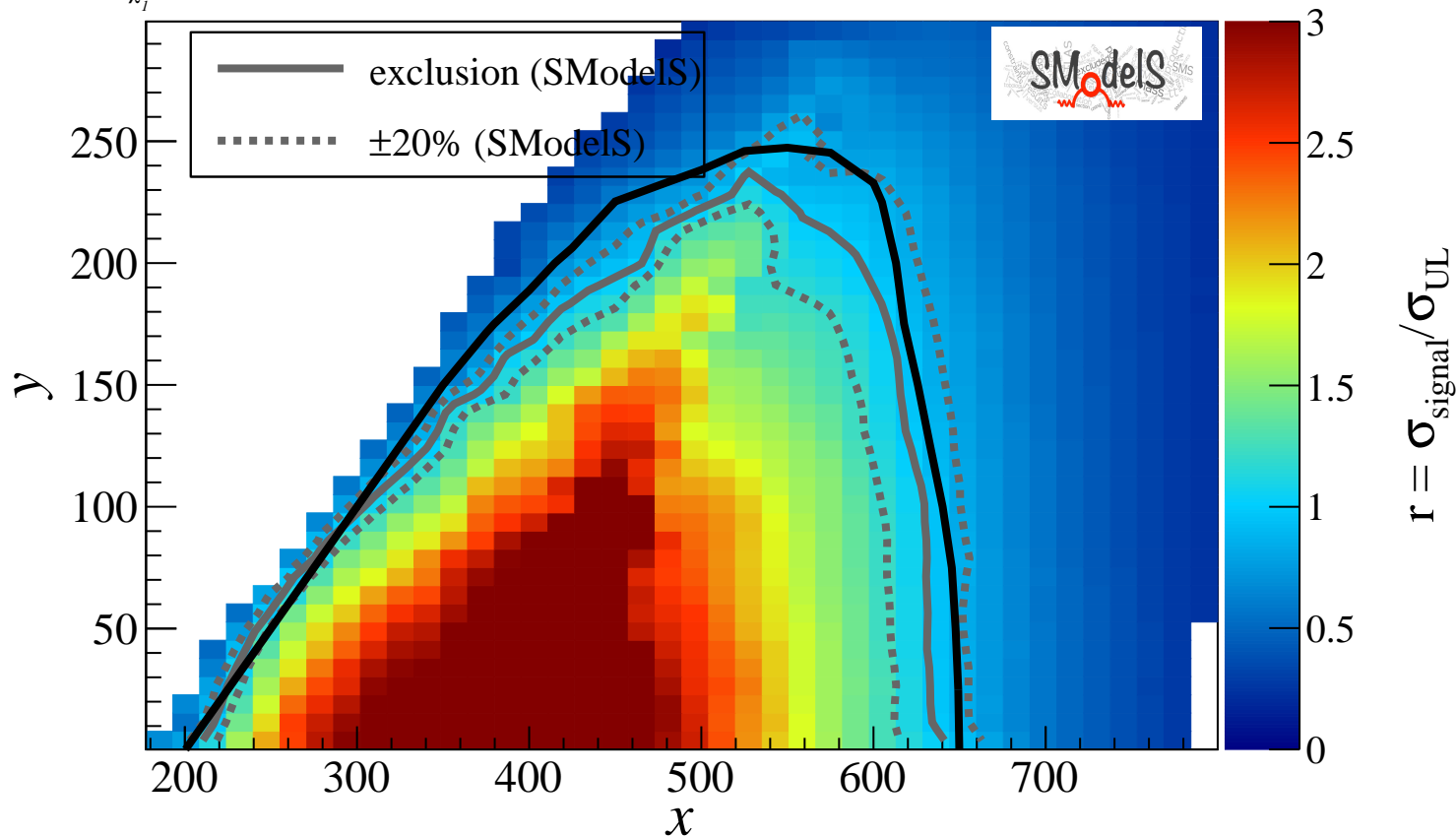

$T2tt : pp \rightarrow \tilde{t}\,\tilde{t},\ \tilde{t} \rightarrow t\,\tilde{\chi}_1^0$

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

Legend:
- —— exclusion (SModelS)
- ⋯⋯ ±20% (SModelS)

SModelS

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

x axis: 200, 300, 400, 500, 600, 700

y axis: 50, 100, 150, 200, 250

colorbar: 0, 0.5, 1, 1.5, 2, 2.5, 3

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13011/topneutralino_cutbased_efficiencies.pdf