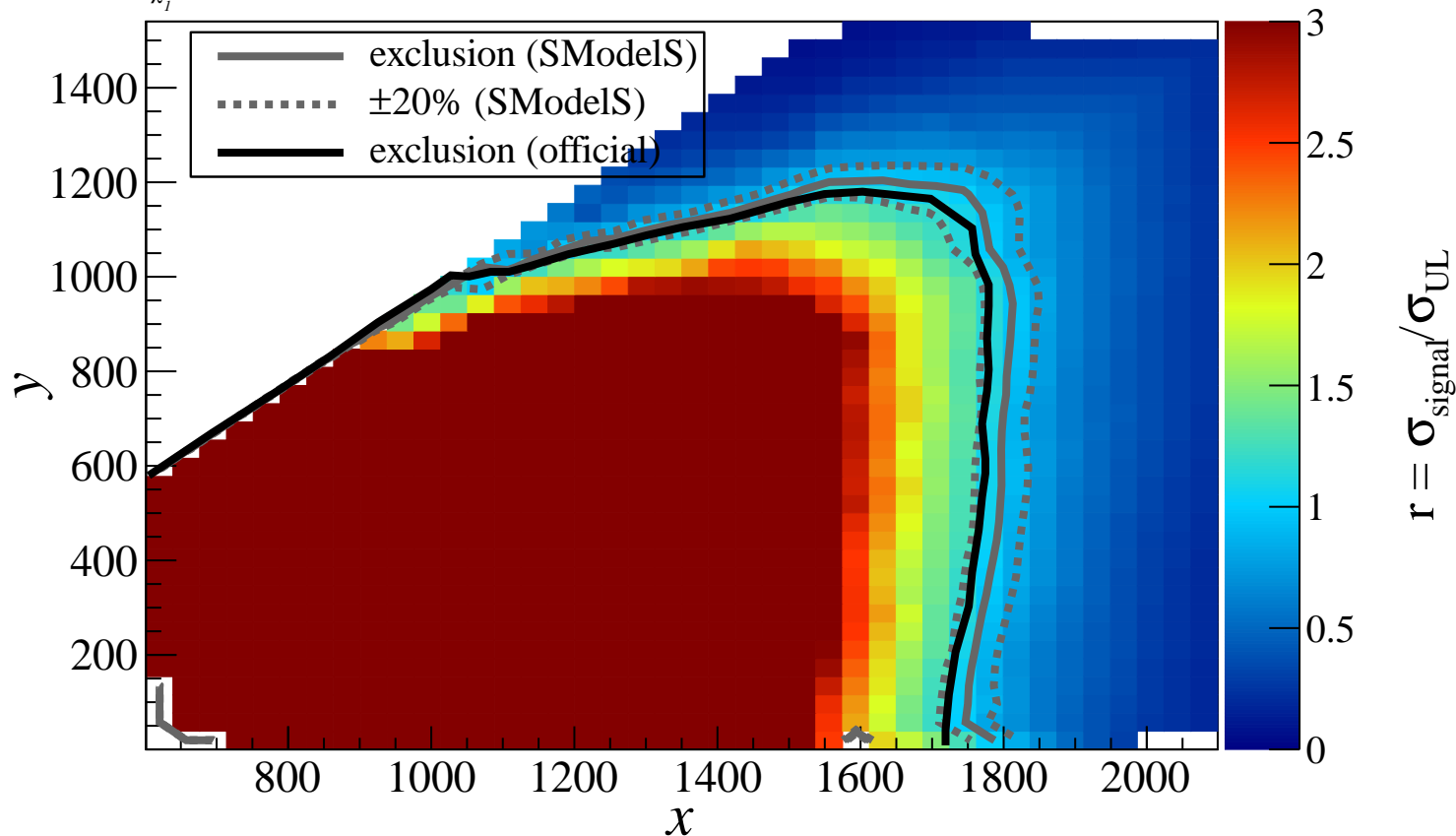# CMS-PAS-SUS-16-016 (upperLimit)

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

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

exclusion (SModelS)
±20% (SModelS)
exclusion (official)

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

official plot:
http://cms-results.web.cern.ch/cms-results/public-results/preliminary-results/SUS-16-016/CMS-PAS-SUS-16-016_Figure_005-a.pdf