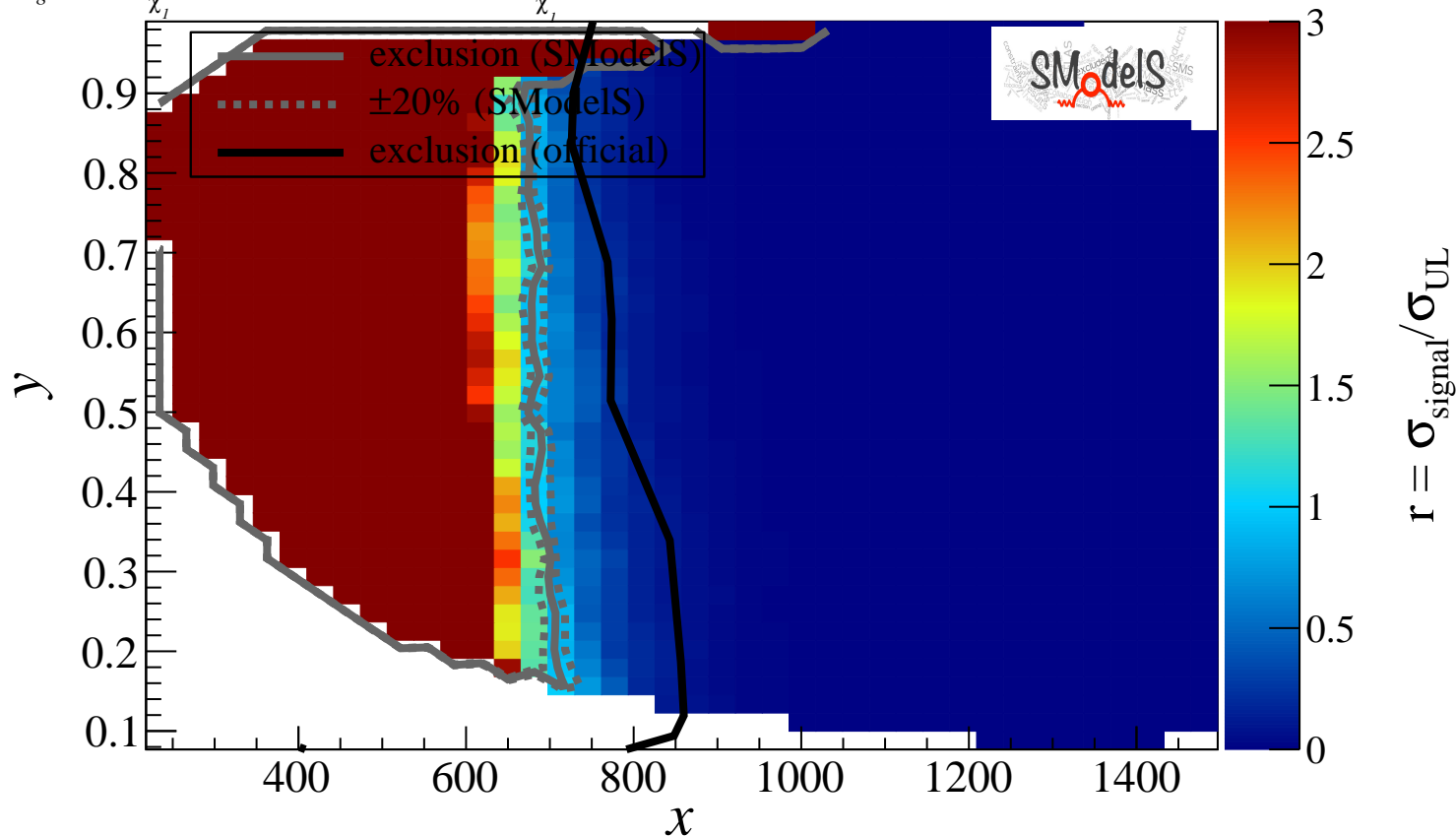# ATLAS-CONF-2013-089 (upperLimit)

$T5WW : pp \rightarrow \tilde{g}\,\tilde{g},\ \tilde{g}\ \rightarrow q\,\bar{q}\,\tilde{\chi}_1^{\pm},\ \tilde{\chi}_1^{\pm} \rightarrow W\,\tilde{\chi}_1^0$

$m_{\tilde{g}} = x,\ m_{\tilde{\chi}_1^{\pm}} = x*y - 60.0*y + 60.0,\ m_{\tilde{\chi}_1^0} = 60.0$

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

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

official plot:
https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2013-089/fig_22b.png