$60$ fb$^{-1}$ (13 TeV)

CMS

$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow q\bar{q}'V^*\chi_1^0$

NNLO+NNLL

exclusion

$95\%$ CL upper limit on cross section (pb)

theory

Observed $\pm 1$ s.d.

Expected $\pm 1$ and $2$ s.d.

$\chi_1^0 = m_0 + 20$ GeV

$\chi_1^0 = m_0$

$\chi_1^0$