

$pp \rightarrow \tilde{g}\tilde{g}, \quad \tilde{g} \rightarrow q\bar{q} + \tilde{\chi}_1^0, \quad \tilde{\chi}_1^0 \rightarrow \tilde{G} \gamma$

CMS Preliminary $\sqrt{s} = 8 \text{ TeV}, L = 19.7 \text{ fb}^{-1}$

Razor $\gamma\gamma + \geq 1 \text{ jet}$

NLO+NLL Exclusion

Expected Exclusion

Observed Exclusion

Expected Exclusion $\pm 1\sigma$

Observed Exclusion $\pm 1\sigma$

