

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

CMS Simulation (8 TeV)

N Events

Razor  $\gamma\gamma + \geq 1$  jet

$m_{\tilde{g}} = 1350$  GeV,  $m_{\tilde{\chi}_1^0} = 225$  GeV

$m_{\tilde{g}} = 1350$  GeV,  $m_{\tilde{\chi}_1^0} = 675$  GeV

$m_{\tilde{g}} = 1350$  GeV,  $m_{\tilde{\chi}_1^0} = 1275$  GeV

Background Model

