

CMS,  $\sqrt{s} = 7$  TeV,  $L = 4.73$  fb $^{-1}$

$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow q\bar{q} + Z + \tilde{\chi}^0; m(\tilde{q}) \gg m(\tilde{g})$

$m(\tilde{\chi}_2^0) = 0.5 m(\tilde{\chi}^0) + 0.5 m(\tilde{g})$

$M_{T2}b$  Analysis

— obs. limit ( $\pm 1\sigma$  theo.)

- - exp. limit ( $\pm 1\sigma$  expt.)

