

CMS  $\sqrt{s}=7$  TeV  $\int Ldt=35$  pb $^{-1}$

$$m_{\tilde{q}} = m_{\tilde{g}} / 1.2$$

$$m_{h_d} = 1.2 \text{ GeV}/c^2$$

$$m_{\gamma_d} = 0.5 \text{ GeV}/c^2$$

$$B(\tilde{q} \rightarrow qn_2 \rightarrow qn_1\gamma_d) = 100\%$$

95% CL Upper Limit

—●—  $B(\gamma_d \rightarrow \mu\mu) = 100\%$

—○—  $B(\gamma_d \rightarrow \mu\mu) = 50\%$

—□—  $B(\gamma_d \rightarrow \mu\mu) = 33\%$

—△—  $B(\gamma_d \rightarrow \mu\mu) = 20\%$

— Theory

