

CMS

 $L = 19.5 \text{ fb}^{-1}$  $\sqrt{s} = 8 \text{ TeV}$  $\sigma \text{ (pb)}$  $m_{\tilde{\chi}_2^0} = m_{\tilde{\chi}_1^\pm} = m_{\tilde{\chi}_1^0}; m_{\tilde{G}} = 1 \text{ GeV}$ 

Individual expected

$\geq 3\text{l}$        $b\bar{b}b\bar{b}$   
 $\gamma\gamma b\bar{b}$        $\gamma\gamma \text{l}$

 $\tilde{\chi}_1^0 \tilde{\chi}_1^0 \rightarrow h\tilde{G}h\tilde{G}$ 

— Observed

— Expected  $\pm 1 \sigma_{\text{exp.}}$ 

$\pm 2 \sigma_{\text{exp.}}$        $\pm 3 \sigma_{\text{exp.}}$

— NLO+NLL  $\pm 1 \sigma_{\text{theory}}$ 