

$\tilde{g}\text{-}\tilde{g}$  production,  $\tilde{g}\rightarrow q\tilde{q}\tilde{\chi}_1^0$ ,  $\tilde{\chi}_1^0\rightarrow q\tilde{q}$



Expected limit ( $\pm 1\sigma_{\text{exp}}$ )



Observed limit ( $\pm 1\sigma_{\text{theory}}^{\text{SUSY}}$ )

All limits at 95% CL

**ATLAS**

$\sqrt{s} = 8\text{ TeV}, 20.3\text{ fb}^{-1}$

$\tilde{g}\rightarrow q\tilde{q}\tilde{\chi}_1^0$  forbidden  
Unevaluated Due to UDD Radiation Uncertainties

