

**CMS**137 fb<sup>-1</sup> (13 TeV)

95% CL upper limit on cross section (fb)

10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-1</sup>

- Observed
- Median expected, ±1 and 2 s.d. experiment
- $\sigma_{\text{theory}} (pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow tbs)$ , NNLO+NNLL

1600 1800 2000 2200 2400  
m <sub>$\tilde{g}$</sub>  (GeV)