$\sigma [fb]$ 

[Graph showing $\sigma [fb]$ vs. $c\tau_0 [mm]$ with $95\%$ CL upper limits for $\tilde{g} \rightarrow tbs$.

- Observed
- Median expected

$\text{NNLO}_{\text{approx}} + \text{NNLL} \quad \sigma(pp \rightarrow \tilde{g}\tilde{g})$

- $m_{\tilde{g}} = 1600$ GeV
- $m_{\tilde{g}} = 2400$ GeV
- $m_{\tilde{g}} = 1400$ GeV
- $m_{\tilde{g}} = 2000$ GeV

CMS Preliminary $132 \text{ fb}^{-1} (13 \text{ TeV})$

$\tilde{g} \rightarrow tbs \quad \lambda''_{323}$

$\text{RPV}$