

138 fb⁻¹ (13 TeV)

CMS

$X \rightarrow Y(qq)q$



Obs. exclusion, q^* (95% CL)

$\Lambda = 1.0$ TeV, $f_{SU(2)} = 1.0$

$f_{U(1)} = 1.0$, $f_{SU(3)} = 1.0$

ρ_m

0.8
0.7
0.6
0.5
0.4
0.3
0.2

2

3

4

5

6

7

8

9

m_X [TeV]



10³
10²
10
1
10⁻¹
10⁻²
10⁻³

$\sigma B(X \rightarrow Y(qq)q) A$ at 95% CL [fb]