

35.9 fb^{-1} (13 TeV)

$\sigma \times B(X_{5/3} \rightarrow tW) [\text{pb}]$

CMS

$X_{5/3} + t, \text{ LH}$

$(\Gamma/m)_{\text{VLQ}} = 10\%$

- Obs 95% CL upper limits
- Exp 95% CL upper limits
- ± 2 std. deviation
- ± 1 std. deviation
- - Theory

1

10^{-1}

10^{-2}

800

1000

1200

1400

1600

1800

2000

$m_{\text{VLQ}} [\text{GeV}]$