

35.9 fb<sup>-1</sup> (13 TeV)

**CMS**

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

Obs 95% CL upper limits

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

-.-.  $(\Gamma/m)_{\text{VLQ}} = 20\%$

⋯  $(\Gamma/m)_{\text{VLQ}} = 30\%$

Theory

—  $(\Gamma/m)_{\text{VLQ}} = 10\%$

—  $(\Gamma/m)_{\text{VLQ}} = 20\%$

—  $(\Gamma/m)_{\text{VLQ}} = 30\%$

