## 35.9 fb<sup>-1</sup> (13 TeV) $B(t + H^{+}b)$ 10 95% CL upper limits **CMS** Observed **Preliminary** ···· Median expected 68% expected $t \rightarrow H^{+} b, H^{+} \rightarrow c\overline{s}$ 95% expected $B(H^{\dagger} \rightarrow c\overline{s}) = 100\%$ $\mu$ + jets, loose 3×10 100 110 120 130 140 150 160