

19.7 fb<sup>-1</sup> (8 TeV)**CMS** $pp \rightarrow \bar{t}(b)H^+, H^+ \rightarrow t\bar{b}$   
 $l+\text{jets}, \mu\tau_h, // \text{ final states}$ Assuming  $B(H^+ \rightarrow t\bar{b}) = 1$ 

- Observed
- Expected median  $\pm 1\sigma$
- Expected median  $\pm 2\sigma$

95% CL limit on  $\sigma_{H^+}$  [pb]