

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

Events / bin

**CMS** $\mu + \text{jets}$ 

BTag

• Data

■ QCD

■ VV

---  $m_{H^+} = 100 \text{ GeV}, B(t \rightarrow H^+ b) = 0.13$ ■  $t\bar{t}$ 

■ W + jets

■ Pre-fit unc.(Bkg. stat.  $\oplus$  sys.)

■ Single t

■ Z/ $\gamma$  + jets $\frac{\text{Data}}{\text{Bkg}}$  $p_T^\mu \text{ (GeV)}$ 