

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

e + jets

After KF

• Data

■ QCD

■ VV

---  $m_{H^+} = 100$  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

Events / bin

 $\frac{\text{Data}}{\text{Bkg}}$  $p_T^e$  (GeV)