

35.9 fb⁻¹ (13 TeV)

Events / bin

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/ γ + jets $\frac{\text{Data}}{\text{Bkg}}$

0 10 20 30 40 50 60 70

 N^{vertex} 