

35.9 fb⁻¹ (13 TeV)

Events / 5 GeV

$\times 10^3$

CMS

Preliminary

μ + jets

After KF

• Data

■ $t\bar{t}$ + jets

■ Single t

■ QCD

■ W + jets

■ Z/ γ + jets

■ VV

■ Pre-fit unc.

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

$B(t \rightarrow H^+ b) = 0.065$

25

20

15

10

5

1.4

1.2

1.0

0.8

0.6

20

40

60

80

100

120

140

160

m_{jj} (GeV)

$\frac{\text{Data}}{\text{Bkg}}$