

35.9 fb⁻¹ (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/ γ + jets

10⁷

10⁶

10⁵

10⁴

10³

10²

10

1

0

10

20

30

40

50

60

70

N^{vertex}

1.5

1

0.5

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

