

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

Events / bin

**CMS**

*Preliminary*

$\mu$  + jets

• Data

$t\bar{t}$  + jets

Single t

QCD

W + jets

Z/ $\gamma$  + jets

VV

--- Signal

( $m_{H^+}=120$  GeV)

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

Mu trigger

No. of  $\mu$  = 1

No. of jets  $\geq 4$

MET  $\geq 20$  GeV

No. of b-jets  $\geq 2$

KinFit Sel

No. of c-jet  $\geq 1$

Cutflow

