

*: normalised to total Bkg.

Events

1000

$\sqrt{s} = 13 \text{ TeV}, 140 \text{ fb}^{-1}$

tHq(2l+1 τ OS)

PR

Pre-Fit

● Data

■ $tWH+tHq$

- - - $tWH+tHq$ *

■ tWZ

■ $t\bar{t}$

■ $t\bar{t}W$

■ $t\bar{t}Z$

■ $t\bar{t}H$

■ tZq

■ tW

■ Z+jets

■ Diboson

■ minor bkg

/ / / Uncertainty

600

400

200

0

Data / Pred.

1.5

1

0.5

0

$\chi^2/\text{ndf} = 15.0 / 11$ $\chi^2\text{prob} = 0.18$

-6

-4

-2

0

2

4

6

$\Delta\eta(\text{forward non-}b\text{-tagged jet, leading } b\text{-tagged jet})$

