

*: normalised to total Bkg.

Events

6000

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

tHq(2lOS+1 τ)

PR
Pre-Fit

5000

4000

3000

2000

1000

0

1000

2000

3000

4000

5000

6000

● Data

--- tHq^*

tWH

tWZ

$t\bar{t}$

$t\bar{t}W$

$t\bar{t}Z$

$t\bar{t}H$

tZq

tW

Z+jets

Diboson

minor bkg

Uncertainty

$\chi^2/\text{ndf} = 26.1 / 10$ $\chi^2\text{prob} = 0.00$

Data / Bkg.

1.1

1.0

0.9

0.8

$p_T^{\min}(\text{lepton}) [\text{GeV}]$

