

== 1 τ

≥ 2 jets

= 1 b-tags

ATLAS Internal

$\chi^2/\text{ndf} = 0.8$

KS = 0.3696

$\int \mathcal{L} \, dt = 20.2 \, \text{fb}^{-1}$
 $\sqrt{s} = 8 \, \text{TeV}$

- $t\bar{t} \rightarrow \tau$ (2901.6 evts)
- $t\bar{t} \rightarrow e, \mu$ (108.1 evts)
- Singletop (443.6 evts)
- Wjets (1339.7 evts)
- Zjets (103.1 evts)
- Diboson (6.0 evts)
- Fakes (575.7 evts)
- Data (5155 evts)
- - tcHq (450 evts)

10^3

10^2

10

1

Data/Pred.

1.6

1.4

1.2

1.0

0.8

0.6

0.4

● data stat. unc.

■ MC stat. unc.

leading non-b-tagged jet p_T [GeV]

0

100

200

300

400

500

600