

$\geq 1 \tau$ ≥ 2 jets ≥ 1 b-tags

MTW > 0

ATLAS Internal

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

KS = 0.7937

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

- $t\bar{t} \rightarrow \tau$ (4520.1 evts)
- $t\bar{t} \rightarrow e, \mu$ (154.0 evts)
- Singletop (593.1 evts)
- Wjets (1445.2 evts)
- Zjets (118.9 evts)
- Diboson (7.5 evts)
- Fakes (836.3 evts)
- Data (7273 evts)

Data/Pred.

- data stat. unc.
- MC stat. unc.
- MC syst. unc.

