

$\geq 1 \tau$ ≥ 2 jets ≥ 1 b-tags

MTW < 90

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

KS = 0.9956

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

- $t\bar{t} \rightarrow \tau$ (3957.9 evts)
- $t\bar{t} \rightarrow e, \mu$ (95.3 evts)
- Singletop (552.1 evts)
- Wjets (1381.7 evts)
- Zjets (114.1 evts)
- Diboson (6.9 evts)
- Fakes (294.8 evts)
- Data (6085 evts)

Data/Pred.

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

 n_{jets}