

$\geq 1 \tau^{1\text{prong}}$ $\geq 2 \text{ jets}$ $\geq 1 \text{ b-tags}$ $MTW < 90$ **ATLAS** Internal $\chi^2/\text{ndf} = 0.9$

KS = 0.3789

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

- $t\bar{t} \rightarrow \tau$ (3074.7 evts)
- $t\bar{t} \rightarrow e, \mu$ (68.0 evts)
- Singletop (426.2 evts)
- Wjets (1094.5 evts)
- Zjets (97.7 evts)
- Diboson (5.2 evts)
- Fakes (191.0 evts)
- Data (4603 evts)

Data/Pred.

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

