

$\geq 1 \tau^{1\text{prong}}$ $\geq 2 \text{ jets}$ $\geq 1 \text{ b-tags}$ $\text{MTW} > 0$ **ATLAS** Internal $\chi^2/\text{ndf} = 1.0$

KS = 0.8975

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

- $t\bar{t} \rightarrow \tau$ (3453.0 evts)
- $t\bar{t} \rightarrow e, \mu$ (102.1 evts)
- Singletop (455.7 evts)
- Wjets (1132.0 evts)
- Zjets (101.5 evts)
- Diboson (5.6 evts)
- Fakes (571.5 evts)
- Data (5402 evts)

Data/Pred.

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

