

$\geq 1 \tau^{3\text{prong}}$ $\geq 2 \text{ jets}$ $\geq 1 \text{ b-tags}$ $MT_W > 0$ **ATLAS** Internal $\chi^2/\text{ndf} = 0.9$

KS = 0.9997

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

- $t\bar{t} \rightarrow \tau$ (1059.0 evts)
- $t\bar{t} \rightarrow e, \mu$ (51.9 evts)
- Singletop (136.5 evts)
- Wjets (313.2 evts)
- Zjets (16.4 evts)
- Diboson (1.9 evts)
- Fakes (244.7 evts)
- Data (1839 evts)

Data/Pred.

