

$\tau^{3\text{prong}} + \text{jets}$ $\geq 4 \text{ jets}$ $\geq 1 \text{ b-tags}$

ATLAS Internal

 $\chi^2/\text{ndf} = 9.7$

KS = 0.0008

 $\int \mathcal{L} \, dt = 19.5 \text{ fb}^{-1}$
 $\sqrt{s} = 8 \text{ TeV}$

- $t\bar{t} \rightarrow e, \mu, \tau$ (1563.8 evts)
- Singletop (61.9 evts)
- Wjets (36.1 evts)
- Zjets (24.0 evts)
- Diboson (0.0 evts)
- Fakes (21276.5 evts)
- Data (25108 evts)

Data/Pred.

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

 $\tau \eta$ 