

$\tau^{3\text{prong}} + \text{jets}$  $\geq 2 \text{ jets}$  $\geq 1 \text{ b-tags}$ **ATLAS** Internal $\chi^2/\text{ndf} = 1.7$ 

KS = 0.0002

 $\int \mathcal{L} \, dt = 20.3 \text{ fb}^{-1}$   
 $\sqrt{s} = 8 \text{ TeV}$ 

- $t\bar{t} \rightarrow e, \mu, \tau$  (1131.0 evts)
- Singletop (70.2 evts)
- Wjets (14.8 evts)
- Zjets (55.3 evts)
- Diboson (2.6 evts)
- Fakes (681.2 evts)
- Data (2093 evts)

 $10^3$  $10^2$ 

10

1

Data/Pred.

● data stat. unc.■ MC stat. unc.

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0

50

100

150

200

250

300

350

400

 $M(\mu, \tau) [\text{GeV}]$