

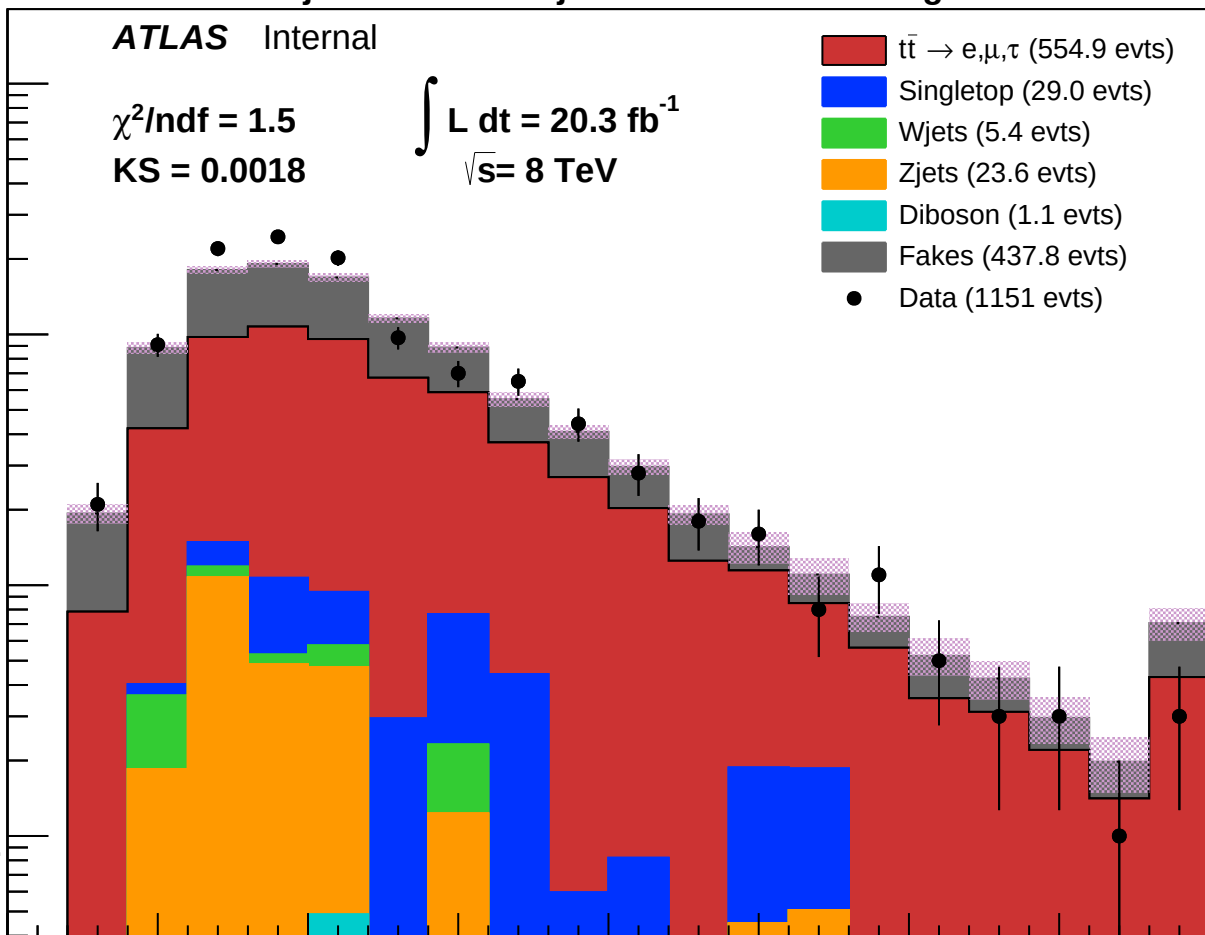
$\tau^{3\text{prong}} + \text{jets}$ $\geq 3 \text{ jets}$ $\geq 1 \text{ b-tags}$ **ATLAS** Internal $\chi^2/\text{ndf} = 1.5$

KS = 0.0018

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

- $t\bar{t} \rightarrow e, \mu, \tau$ (554.9 evts)
- Singletop (29.0 evts)
- Wjets (5.4 evts)
- Zjets (23.6 evts)
- Diboson (1.1 evts)
- Fakes (437.8 evts)
- Data (1151 evts)

10^3
 10^2
10
1



Data/Pred.

1.6
1.4
1.2
1.0
0.8
0.6
0.4

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

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