

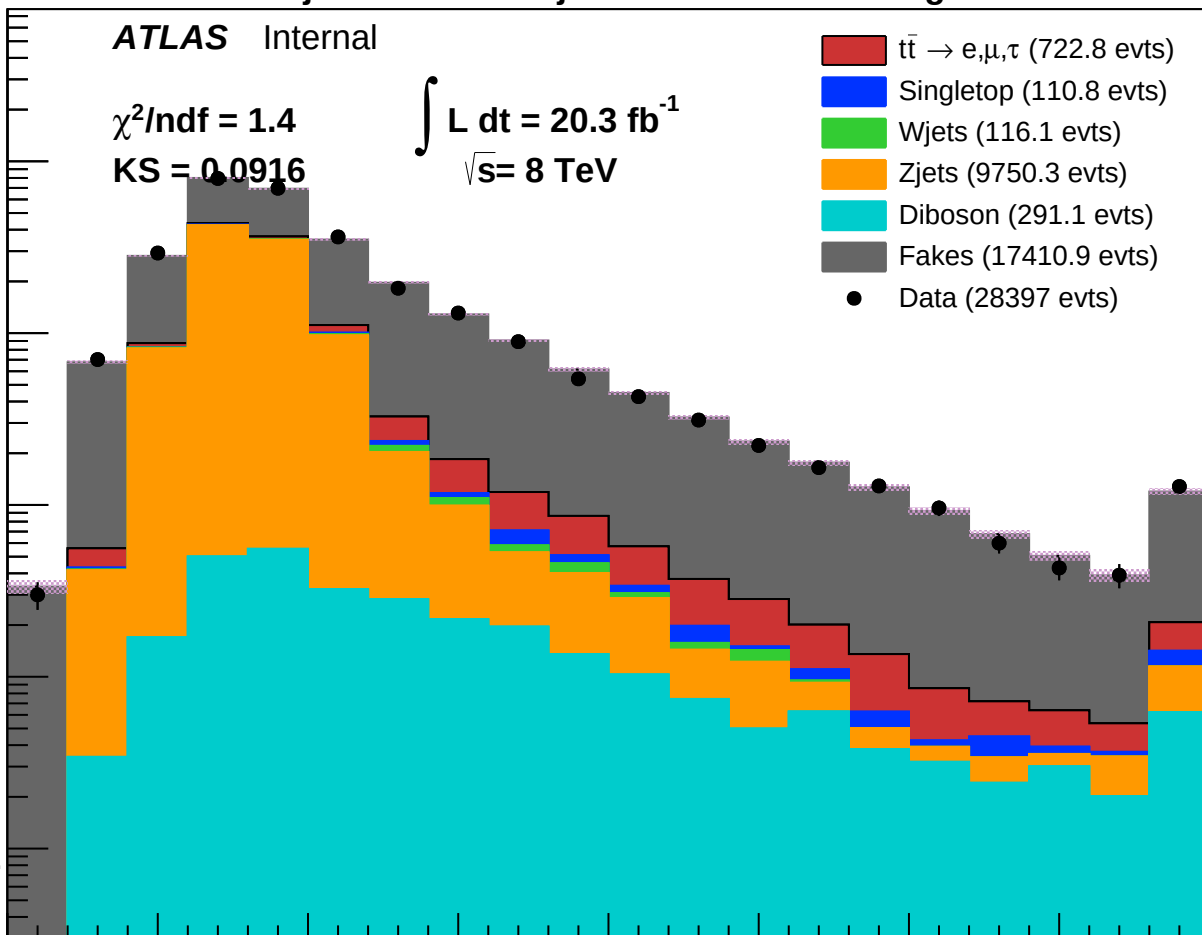
$\tau^{1\text{prong}} + \text{jets}$ $\geq 1 \text{ jets}$ $= 0 \text{ b-tags}$ **ATLAS** Internal $\chi^2/\text{ndf} = 1.4$

KS = 0.0916

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

- $t\bar{t} \rightarrow e, \mu, \tau$ (722.8 evts)
- Singletop (110.8 evts)
- Wjets (116.1 evts)
- Zjets (9750.3 evts)
- Diboson (291.1 evts)
- Fakes (17410.9 evts)
- Data (28397 evts)

10^4
 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
 $M(\mu, \tau) [\text{GeV}]$