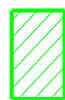


Selection: $p_T > 250 \text{ GeV}$, $|\eta| < 2.0$
higgs_full_val_mTA

ATLAS Work In Progress



Calo Jet Mass / True Jet Mass



TAS Jet Mass / True Jet Mass

$$\mu = 1.010 \pm 0.004$$

$$\sigma = 0.150 \pm 0.005$$

$$\text{Int}_{0.6} = 2.3 \%$$

$$\mu = 0.987 \pm 0.003$$

$$\sigma = 0.149 \pm 0.003$$

$$\text{Int}_{0.6} = 7.1 \%$$

$$2100 \text{ GeV} < p_{T,J} < 2300 \text{ GeV}$$

entries / bin width

2200
2000
1800
1600
1400
1200
1000
800
600
400
200

0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

Reco / Truth jet mass