

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

$$\mu = 0.992 \pm 0.000$$

$$\sigma = 0.081 \pm 0.000$$

$$\text{Int}_{0.6} = 3.7 \%$$

$$\mu = 0.970 \pm 0.000$$

$$\sigma = 0.113 \pm 0.000$$

$$\text{Int}_{0.6} = 7.2 \%$$

$$900 \text{ GeV} < p_{T,J} < 1100 \text{ GeV}$$

entries / bin width

500

400

300

200

100

0

0.2

0.4

0.6

0.8

1

1.2

1.4

1.6

1.8

2

Reco / Truth jet mass