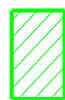


Selection:  $p_T > 250$  GeV,  $|\eta| < 2.0$   
mTAS\_Tops\_calibmCal\_000ro

**ATLAS Work In Progress**



Calo Jet Mass / True Jet Mass



TAS Jet Mass / True Jet Mass

entries / bin width

entries: 2808  
 $\mu = 1.006 \pm 0.000$   
 $\sigma = 0.082 \pm 0.000$   
 $\text{Int}_{\text{calo}}^{(-\infty; \mu - \sigma)} = 688$  (24.5 %)  
 $\text{Int}_{\text{calo}}^{(\mu + \sigma; \infty)} = 528$  (18.8 %)

entries: 2808  
 $\mu = 0.967 \pm 0.000$   
 $\sigma = 0.089 \pm 0.001$   
 $\text{Int}_{\text{TA}}^{(-\infty; \mu - \sigma)} = 643$  (22.9 %)  
 $\text{Int}_{\text{TA}}^{(\mu + \sigma; \infty)} = 584$  (20.8 %)  
 $1700 \text{ GeV} < p_{T,J} < 1900 \text{ GeV}$

0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

Reco / Truth jet mass