

Selection:  $p_t > 250 \text{ GeV}$ ,  $|\eta| < 2.0$   
Higgs\_mTAS\_Calib

**ATLAS Work In Progress**



Calo Jet Mass / True Jet Mass



TAS Jet Mass / True Jet Mass

entries: 20134  
 $\mu = 1.031 \pm 0.000$   
 $\sigma = 0.079 \pm 0.000$   
 $\text{Int}_{\text{calo}}^{(-\infty; \mu - \sigma)} = 5116 \text{ (25.4 \%)}$   
 $\text{Int}_{\text{calo}}^{(\mu + \sigma; \infty)} = 4330 \text{ (21.5 \%)}$   
entries: 20131  
 $\mu = 0.959 \pm 0.000$   
 $\sigma = 0.073 \pm 0.000$   
 $\text{Int}_{\text{TA}}^{(-\infty; \mu - \sigma)} = 5459 \text{ (27.1 \%)}$   
 $\text{Int}_{\text{TA}}^{(\mu + \sigma; \infty)} = 3853 \text{ (19.1 \%)}$   
 $500 \text{ GeV} < p_{T,J} < 700 \text{ GeV}$

