

Selection:  $p_T > 250$  GeV,  $|\eta| < 2.0$   
TEST\_CalibmassiveW\_mTAS

**ATLAS** Work In Progress



Calo Jet Mass / True Jet Mass



TAS Jet Mass / True Jet Mass

entries: 13675  
 $\mu = 0.977 \pm 0.000$   
 $\sigma = 0.054 \pm 0.000$   
 $\text{Int}_{\text{calo}}^{(-\infty; \mu - \sigma)} = 3481$  (25.5 %)  
 $\text{Int}_{\text{calo}}^{(\mu + \sigma; \infty)} = 2546$  (18.6 %)

entries: 13675  
 $\mu = 0.966 \pm 0.000$   
 $\sigma = 0.049 \pm 0.000$   
 $\text{Int}_{\text{TAS}}^{(-\infty; \mu - \sigma)} = 3354$  (24.5 %)  
 $\text{Int}_{\text{TAS}}^{(\mu + \sigma; \infty)} = 2683$  (19.6 %)  
 $1100 \text{ GeV} < p_{T,J} < 1300 \text{ GeV}$

entries / bin width

