

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: 13558
 $\mu = 1.015 \pm 0.000$
 $\sigma = 0.089 \pm 0.000$
 $\text{Int}_{\text{calo}}^{(-\infty; \mu - \sigma)} = 3275 \text{ (24.2 \%)}$
 $\text{Int}_{\text{calo}}^{(\mu + \sigma; \infty)} = 2805 \text{ (20.7 \%)}$

entries: 13553
 $\mu = 0.966 \pm 0.000$
 $\sigma = 0.077 \pm 0.000$
 $\text{Int}_{\text{TA}}^{(-\infty; \mu - \sigma)} = 3207 \text{ (23.7 \%)}$
 $\text{Int}_{\text{TA}}^{(\mu + \sigma; \infty)} = 2966 \text{ (21.9 \%)}$
 $1100 \text{ GeV} < p_{T,J} < 1300 \text{ GeV}$

