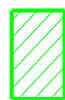


Selection: $p_t > 250 \text{ GeV}$, $|\eta_{\text{jet}}| < 2.0$
 $m_{\text{TA_Tops_calibmCal_000ro}}$

ATLAS Work In Progress



Calo Jet Mass / True Jet Mass



TAS Jet Mass / True Jet Mass

entries / bin width

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

entries: 2808
 $\mu = 0.993 \pm 0.001$
 $\sigma = 0.125 \pm 0.001$
 $\text{Int}_{\text{TA}}^{(-\infty; \mu - \sigma)} = 597 \text{ (21.3 \%)}$
 $\text{Int}_{\text{TA}}^{(\mu + \sigma; \infty)} = 621 \text{ (22.1 \%)}$
 $1700 \text{ GeV} < p_{\text{T,J}} < 1900 \text{ GeV}$

0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

Reco / Truth jet mass