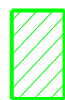


Selection: $p_t > 250$ GeV, $|\eta| < 2.0$
 W_{mTA_calib}

ATLAS Work In Progress



Calo Jet Mass / True Jet Mass



TAS Jet Mass / True Jet Mass

entries / bin width

30000
25000
20000
15000
10000
5000

0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

Reco / Truth jet mass

entries: 8776

$\mu = 1.020 \pm 0.000$

$\sigma = 0.116 \pm 0.000$

$\text{Int}_{\text{calo}}^{(-\infty; \mu - \sigma)} = 1988$ (22.7 %)

$\text{Int}_{\text{calo}}^{(\mu + \sigma; \infty)} = 1602$ (18.3 %)

entries: 8774

$\mu = 0.984 \pm 0.000$

$\sigma = 0.098 \pm 0.000$

$\text{Int}_{\text{TAS}}^{(-\infty; \mu - \sigma)} = 2288$ (26.1 %)

$\text{Int}_{\text{TAS}}^{(\mu + \sigma; \infty)} = 1759$ (20.0 %)

$900 \text{ GeV} < p_{T,J} < 1100 \text{ GeV}$