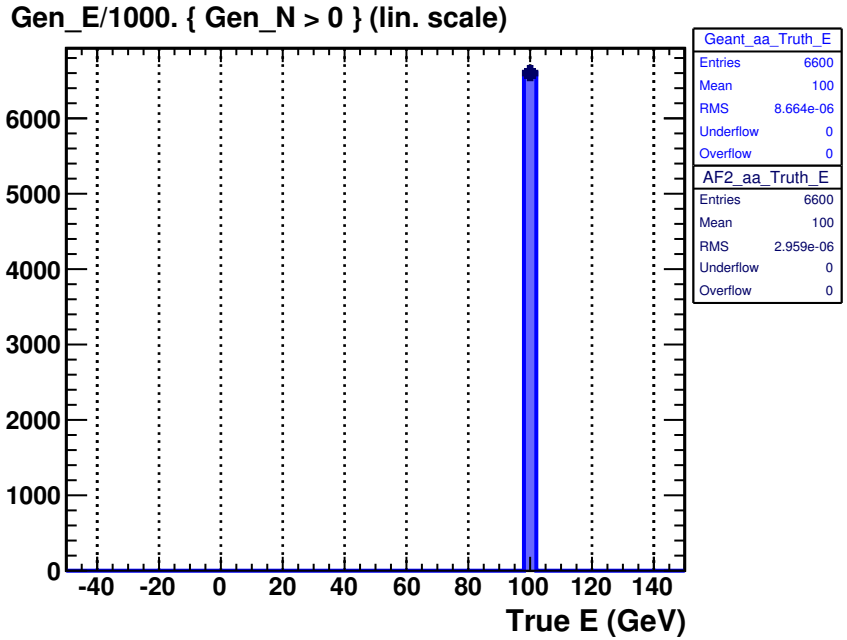
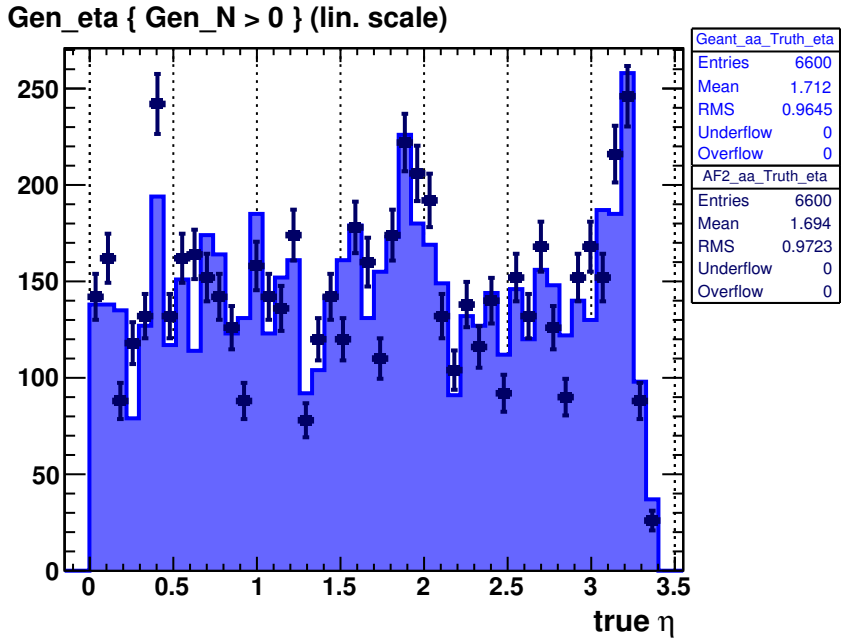
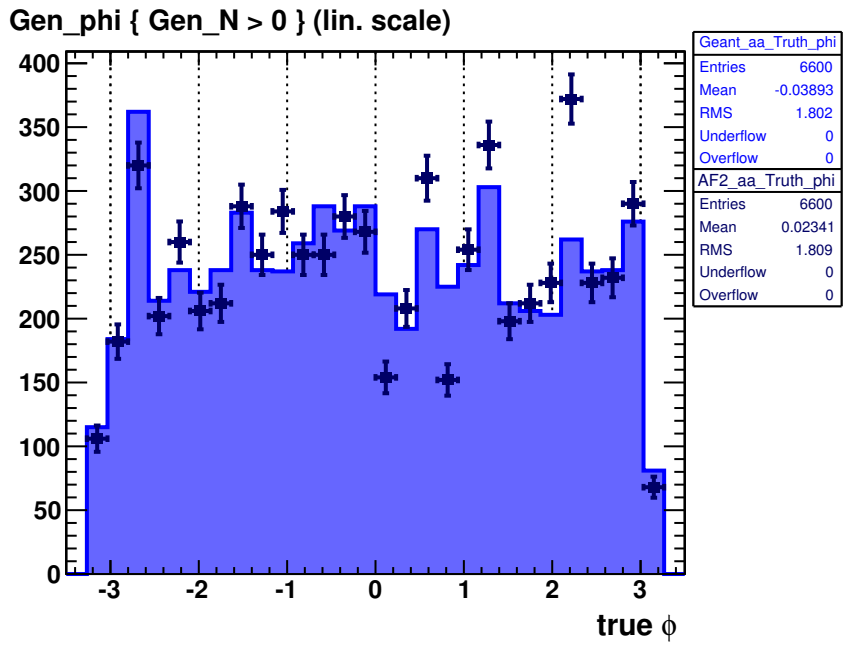
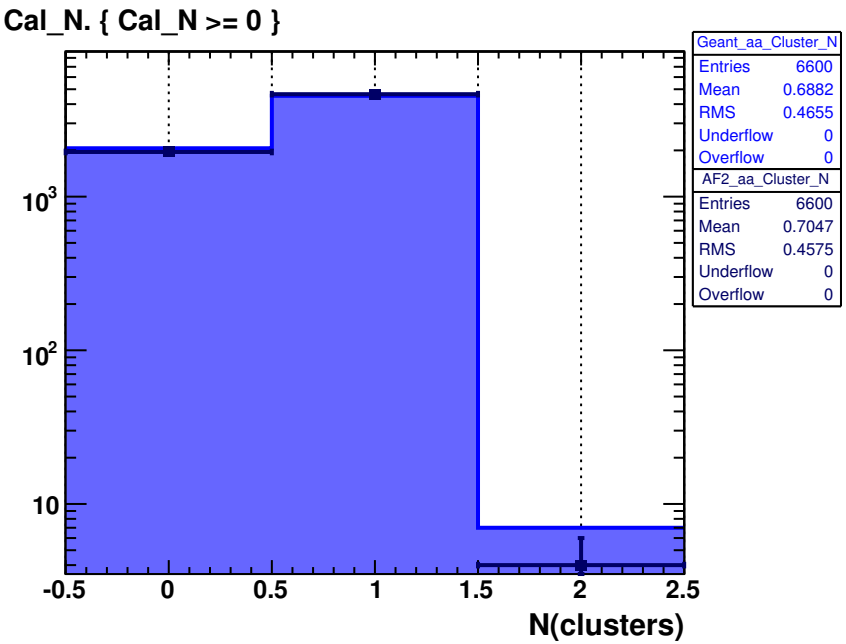
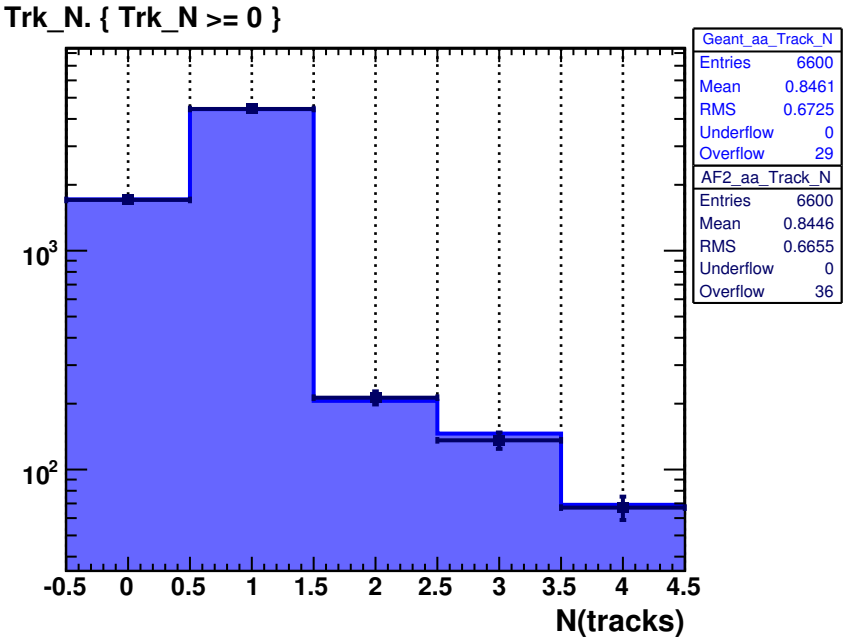
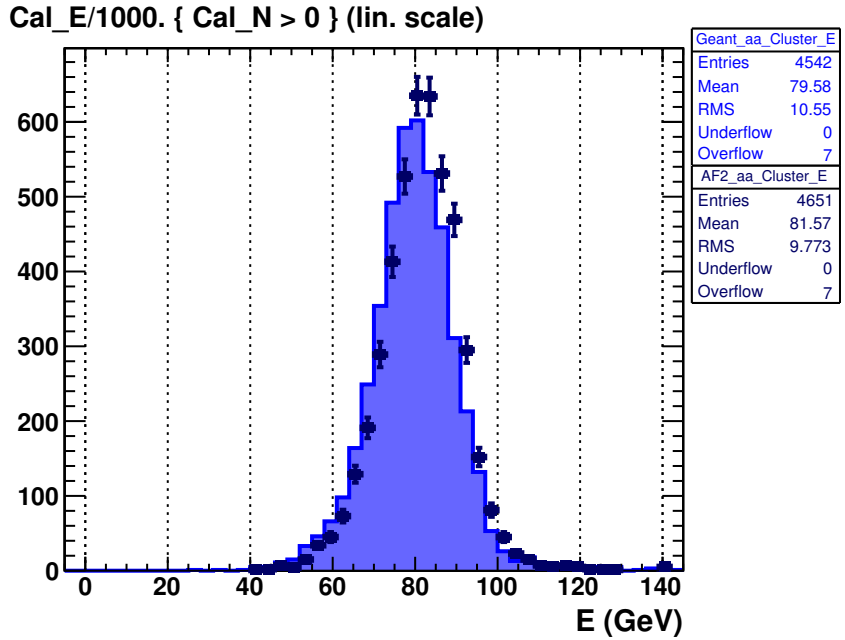

Gen_E/1000. { Gen_N > 0 } (lin. scale)
Geant_aa_Truth_E
Entries 6600
Mean 100
RMS 8.664e-06
Underflow 0
Overflow 0
AF2_aa_Truth_E
Entries 6600
Mean 100
RMS 2.959e-06
Underflow 0
Overflow 0
True E (GeV)

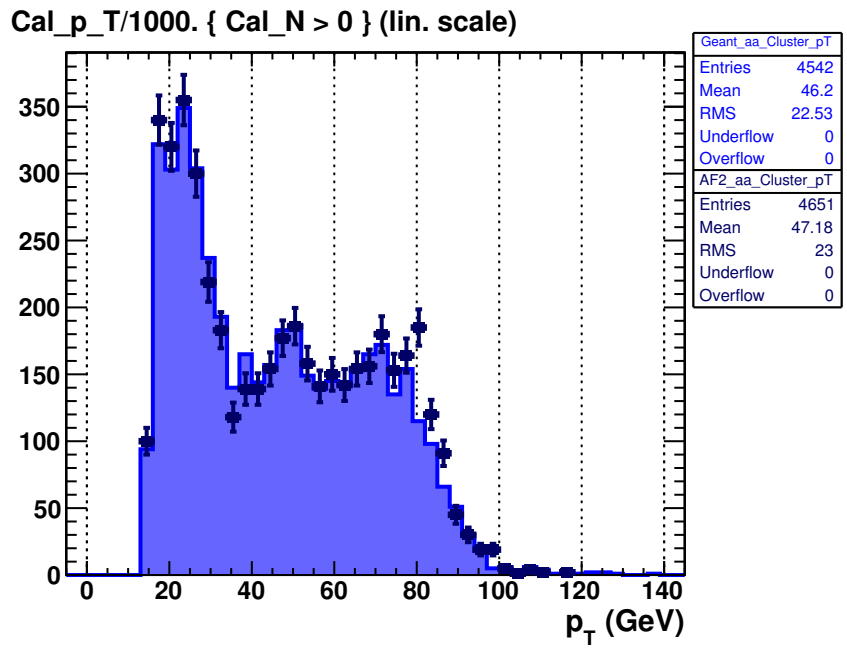

Gen_eta { Gen_N > 0 } (lin. scale)
Geant_aa_Truth_eta
Entries 6600
Mean 1.712
RMS 0.9645
Underflow 0
Overflow 0
AF2_aa_Truth_eta
Entries 6600
Mean 1.694
RMS 0.9723
Underflow 0
Overflow 0
true η

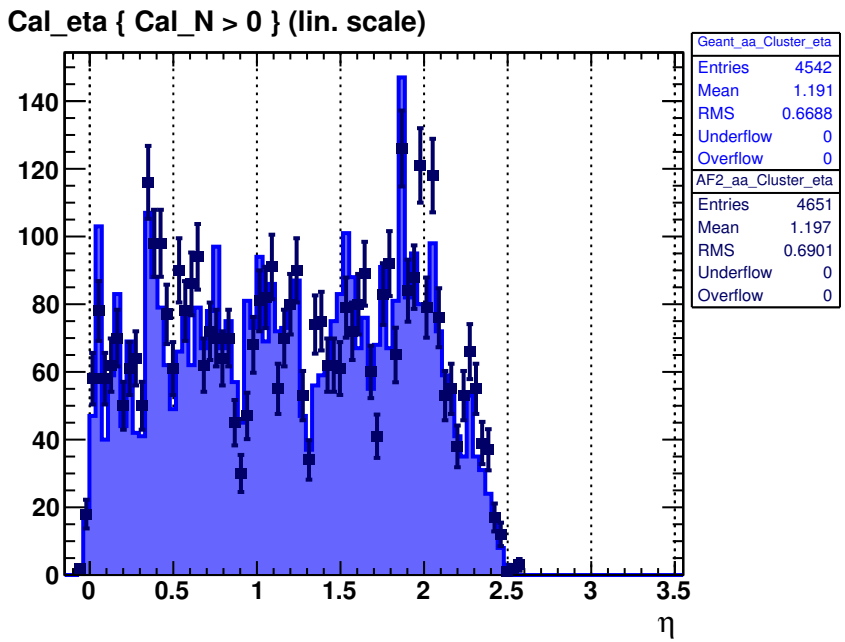

Gen_phi { Gen_N > 0 } (lin. scale)
Geant_aa_Truth_phi
Entries 6600
Mean -0.03893
RMS 1.802
Underflow 0
Overflow 0
AF2_aa_Truth_phi
Entries 6600
Mean 0.02341
RMS 1.809
Underflow 0
Overflow 0
true ϕ

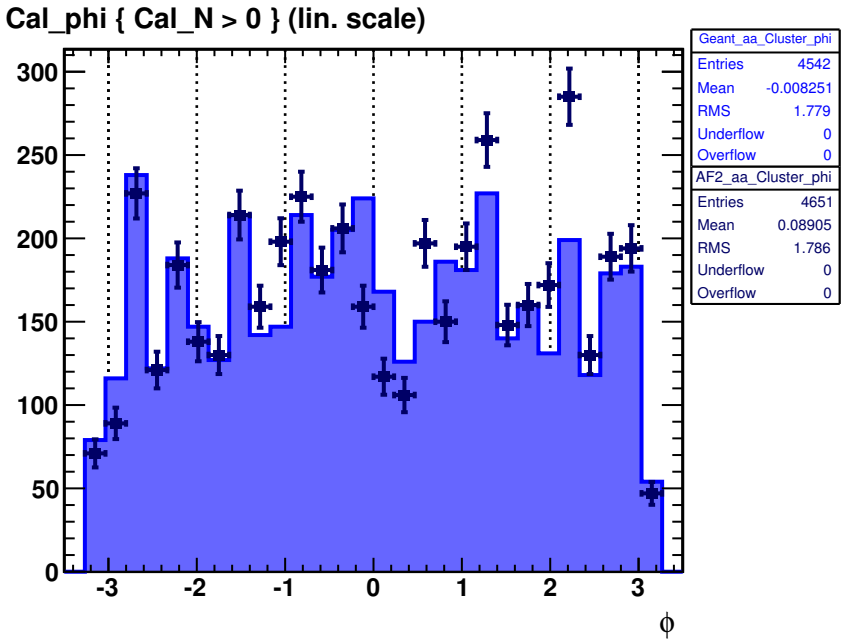

Cal_N. { Cal_N >= 0 }
Geant_aa_Cluster_N
Entries 6600
Mean 0.6882
RMS 0.4655
Underflow 0
Overflow 0
AF2_aa_Cluster_N
Entries 6600
Mean 0.7047
RMS 0.4575
Underflow 0
Overflow 0
N(clusters)

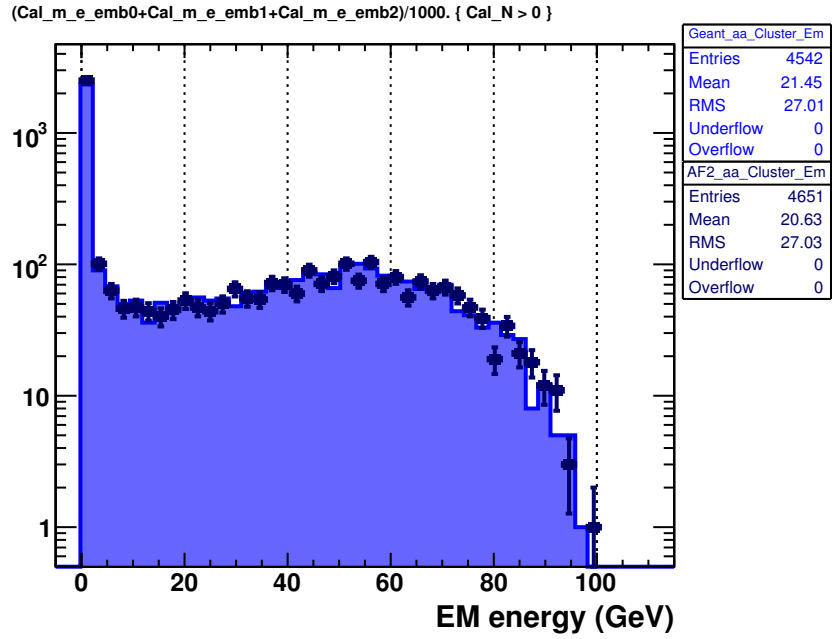

Trk_N. { Trk_N >= 0 }
Geant_aa_Track_N
Entries 6600
Mean 0.8461
RMS 0.6725
Underflow 0
Overflow 29
AF2_aa_Track_N
Entries 6600
Mean 0.8446
RMS 0.6655
Underflow 0
Overflow 36
N(tracks)

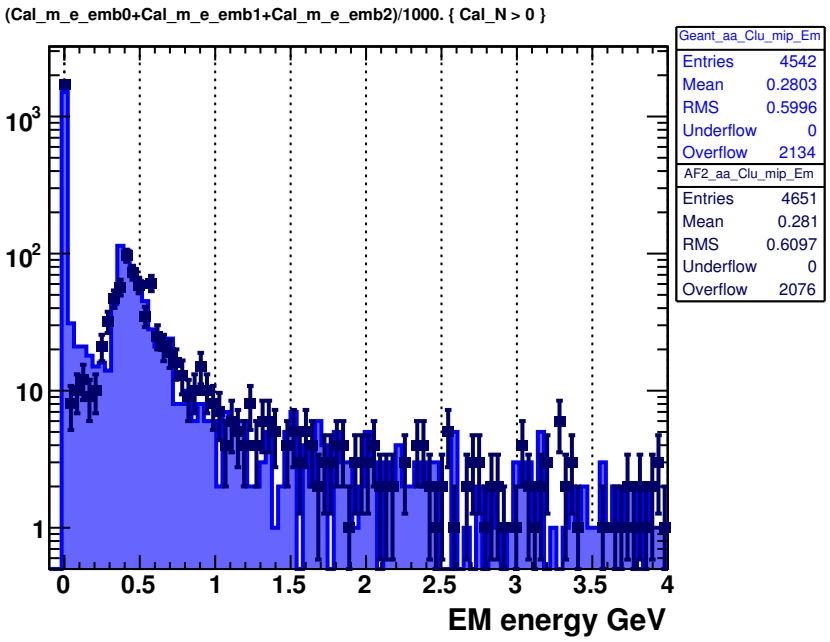

Cal_E/1000. { Cal_N > 0 } (lin. scale)
Geant_aa_Cluster_E
Entries 4542
Mean 79.58
RMS 10.55
Underflow 0
Overflow 7
AF2_aa_Cluster_E
Entries 4651
Mean 81.57
RMS 9.773
Underflow 0
Overflow 7
E (GeV)

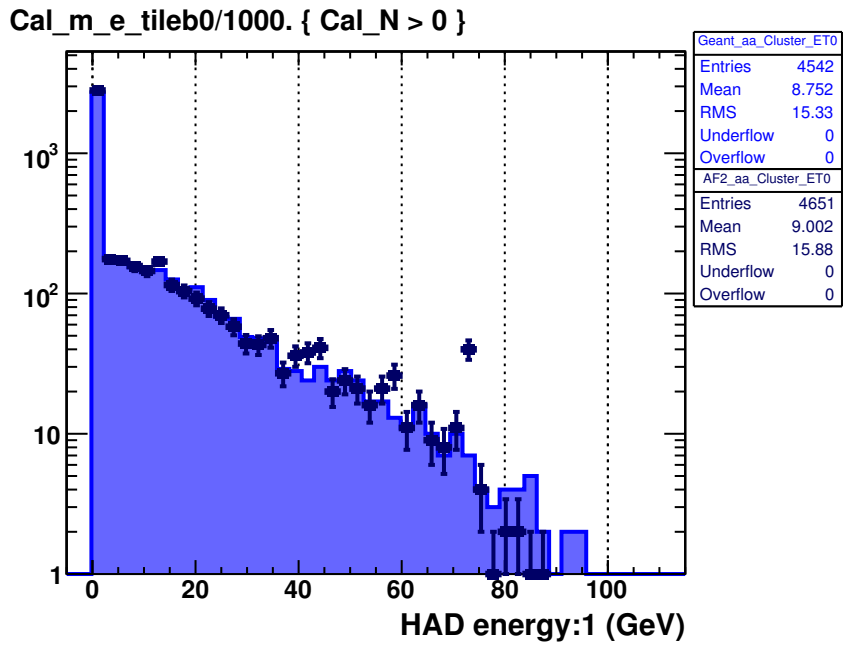

Cal_p_T/1000. { Cal_N > 0 } (lin. scale)
Geant_aa_Cluster_pT
Entries 4542
Mean 46.2
RMS 22.53
Underflow 0
Overflow 0
AF2_aa_Cluster_pT
Entries 4651
Mean 47.18
RMS 23
Underflow 0
Overflow 0
p_T (GeV)

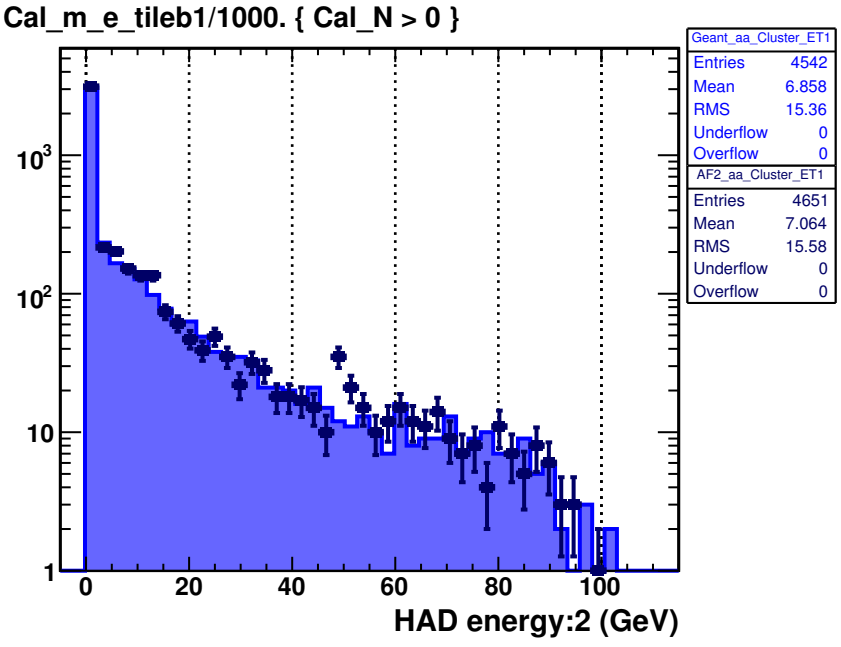

Cal_eta { Cal_N > 0 } (lin. scale)
Geant_aa_Cluster_eta
Entries 4542
Mean 1.191
RMS 0.6688
Underflow 0
Overflow 0
AF2_aa_Cluster_eta
Entries 4651
Mean 1.197
RMS 0.6901
Underflow 0
Overflow 0
η

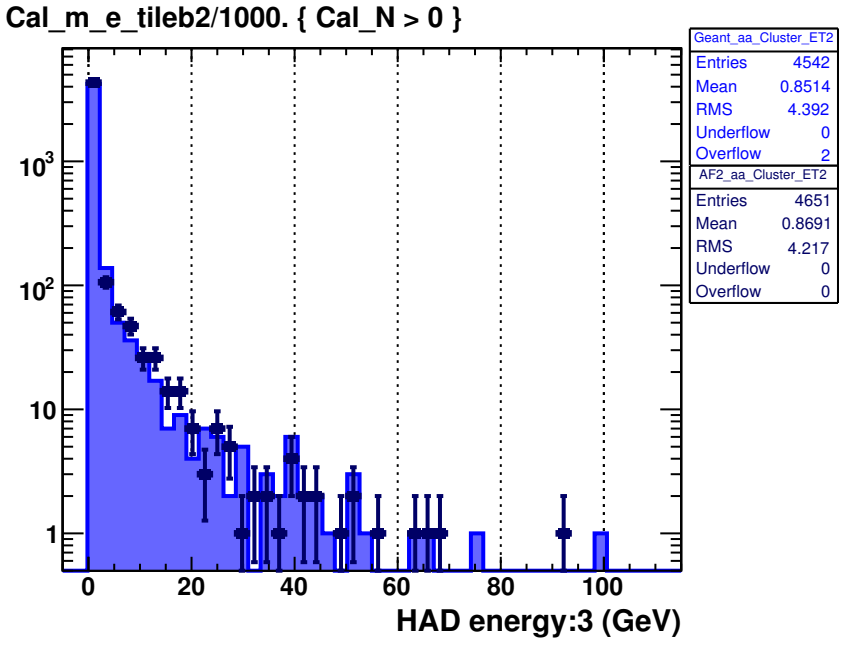
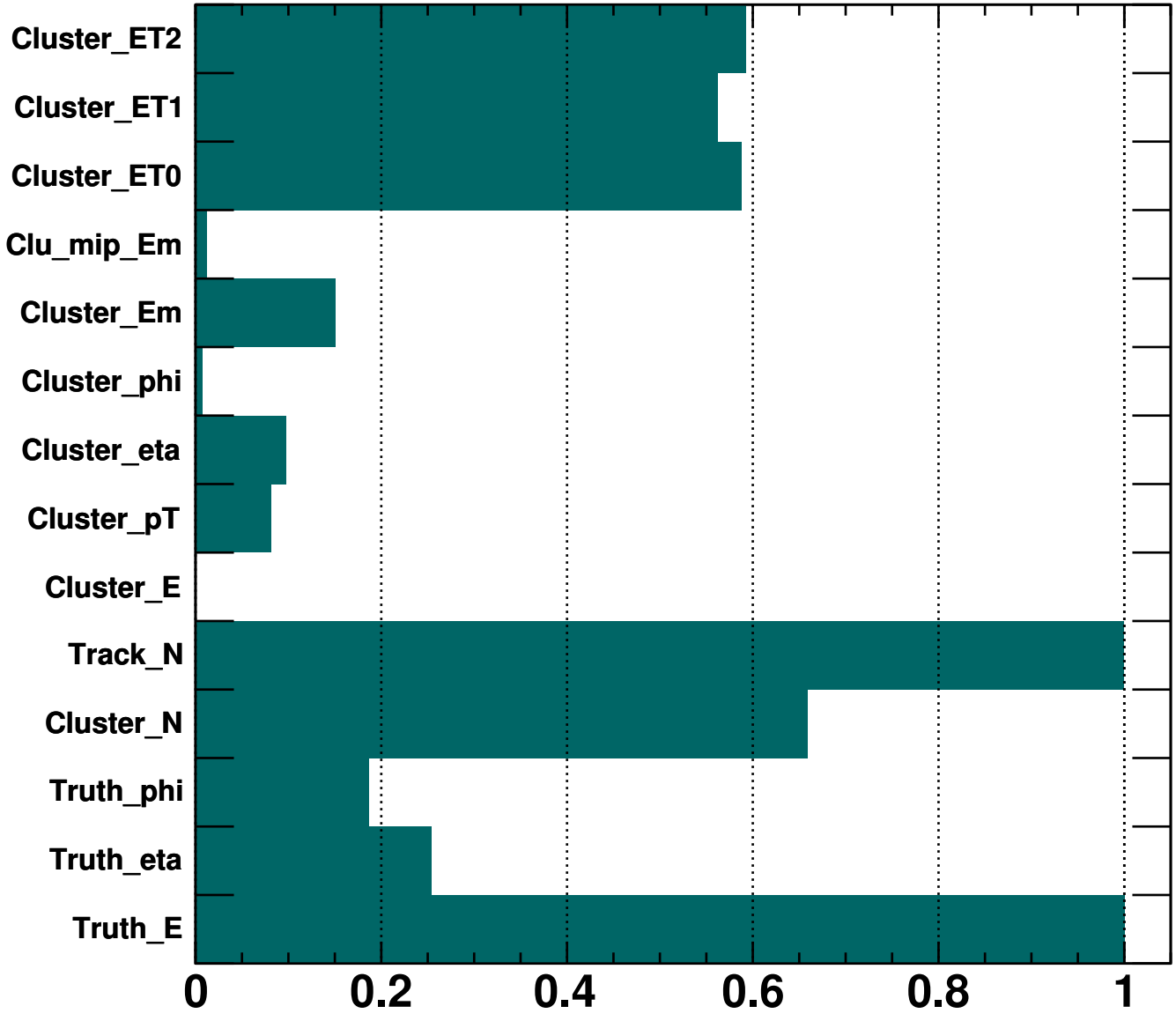

Cal_phi { Cal_N > 0 } (lin. scale)
Geant_aa_Cluster_phi
Entries 4542
Mean -0.008251
RMS 1.779
Underflow 0
Overflow 0
AF2_aa_Cluster_phi
Entries 4651
Mean 0.08905
RMS 1.786
Underflow 0
Overflow 0
ϕ


(Cal_m_e_emb0+Cal_m_e_emb1+Cal_m_e_emb2)/1000. { Cal_N > 0 }
Geant_aa_Cluster_Em
Entries 4542
Mean 21.45
RMS 27.01
Underflow 0
Overflow 0
AF2_aa_Cluster_Em
Entries 4651
Mean 20.63
RMS 27.03
Underflow 0
Overflow 0
EM energy (GeV)


(Cal_m_e_emb0+Cal_m_e_emb1+Cal_m_e_emb2)/1000. { Cal_N > 0 }
Geant_aa_Clu_mip_Em
Entries 4542
Mean 0.2803
RMS 0.5996
Underflow 0
Overflow 2134
AF2_aa_Clu_mip_Em
Entries 4651
Mean 0.281
RMS 0.6097
Underflow 0
Overflow 2076
EM energy GeV


Cal_m_e_tileb0/1000. { Cal_N > 0 }
Geant_aa_Cluster_ET0
Entries 4542
Mean 8.752
RMS 15.33
Underflow 0
Overflow 0
AF2_aa_Cluster_ET0
Entries 4651
Mean 9.002
RMS 15.88
Underflow 0
Overflow 0
HAD energy:1 (GeV)


Cal_m_e_tileb1/1000. { Cal_N > 0 }
Geant_aa_Cluster_ET1
Entries 4542
Mean 6.858
RMS 15.36
Underflow 0
Overflow 0
AF2_aa_Cluster_ET1
Entries 4651
Mean 7.064
RMS 15.58
Underflow 0
Overflow 0
HAD energy:2 (GeV)


Cal_m_e_tileb2/1000. { Cal_N > 0 }
Geant_aa_Cluster_ET2
Entries 4542
Mean 0.8514
RMS 4.392
Underflow 0
Overflow 2
AF2_aa_Cluster_ET2
Entries 4651
Mean 0.8691
RMS 4.217
Underflow 0
Overflow 0
HAD energy:3 (GeV)

χ^2 for distributions