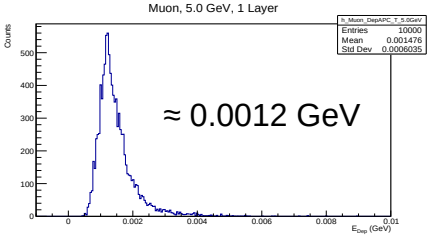
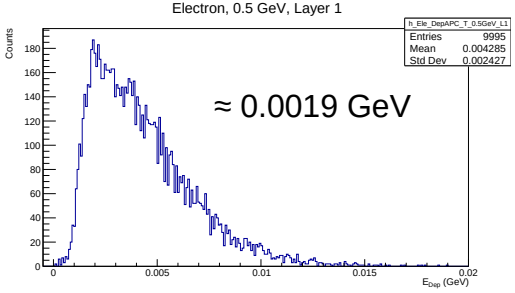
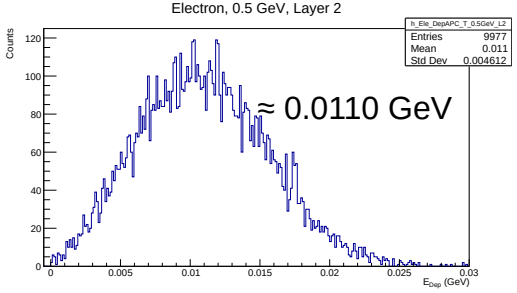
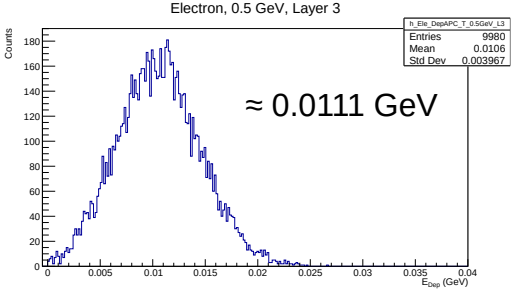
BeamTest
HallD

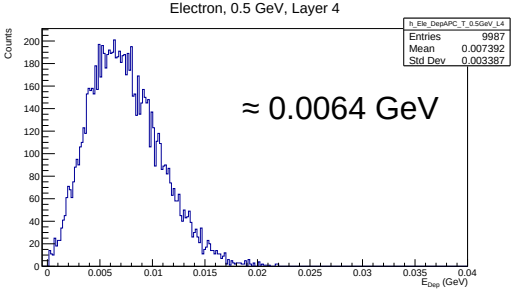
MIPs and Ele

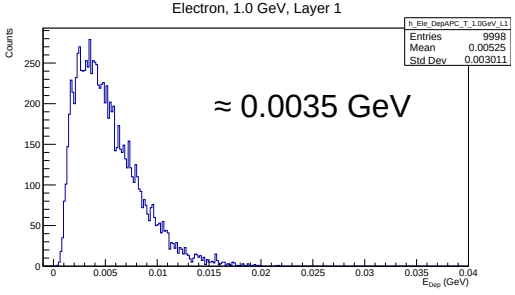

Muon, 5.0 GeV, 1 Layer
h_Muon_DepAPC_T_5.0GeV
Entries 10000
Mean 0.001476
Std Dev 0.0006035
≈ 0.0012 GeV
Counts
E_Dep (GeV)

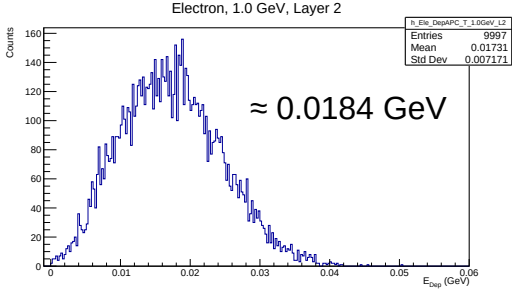

Electron, 0.5 GeV, Layer 1
h_Ele_DepAPC_T_0.5GeV_L1
Entries 9995
Mean 0.004285
Std Dev 0.002427
≈ 0.0019 GeV
Counts
E_Dep (GeV)

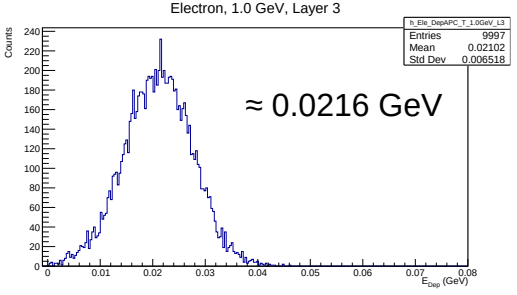

Electron, 0.5 GeV, Layer 2
h_Ele_DepAPC_T_0.5GeV_L2
Entries 9977
Mean 0.011
Std Dev 0.004612
≈ 0.0110 GeV
Counts
E_Dep (GeV)

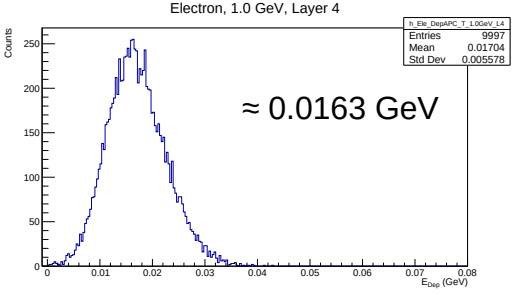

Electron, 0.5 GeV, Layer 3
h_Ele_DepAPC_T_0.5GeV_L3
Entries 9980
Mean 0.0106
Std Dev 0.003967
≈ 0.0111 GeV
Counts
E_Dep (GeV)

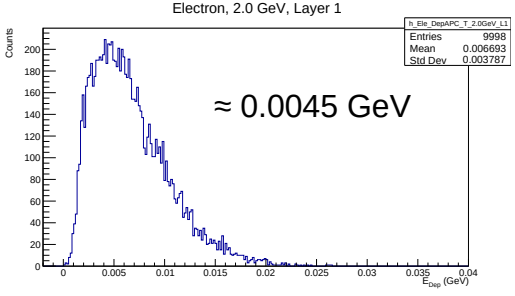

Electron, 0.5 GeV, Layer 4
h_Ele_DepAPC_T_0.5GeV_L4
Entries 9987
Mean 0.007392
Std Dev 0.003387
≈ 0.0064 GeV
Counts
E_Dep (GeV)

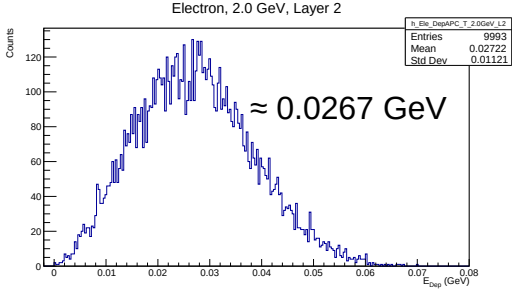

Electron, 1.0 GeV, Layer 1
h_Ele_DepAPC_T_1.0GeV_L1
Entries 9998
Mean 0.00525
Std Dev 0.003011
≈ 0.0035 GeV
Counts
E_Dep (GeV)

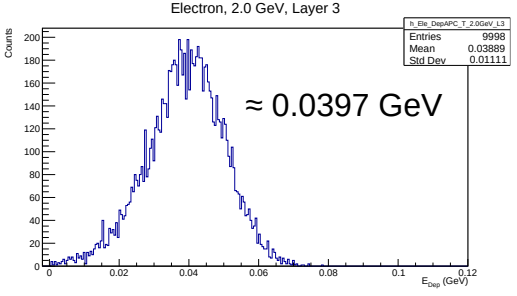

Electron, 1.0 GeV, Layer 2
h_Ele_DepAPC_T_1.0GeV_L2
Entries 9997
Mean 0.01731
Std Dev 0.007171
≈ 0.0184 GeV
Counts
E_Dep (GeV)

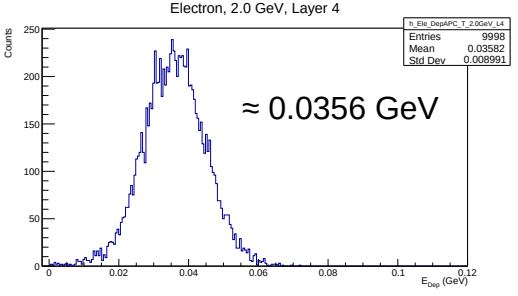

Electron, 1.0 GeV, Layer 3
h_Ele_DepAPC_T_1.0GeV_L3
Entries 9997
Mean 0.02102
Std Dev 0.006518
≈ 0.0216 GeV
Counts
E_Dep (GeV)


Electron, 1.0 GeV, Layer 4
h_Ele_DepAPC_T_1.0GeV_L4
Entries 9997
Mean 0.01704
Std Dev 0.005578
≈ 0.0163 GeV
Counts
E_Dep (GeV)


Electron, 2.0 GeV, Layer 1
h_Ele_DepAPC_T_2.0GeV_L1
Entries 9998
Mean 0.006693
Std Dev 0.003787
≈ 0.0045 GeV
Counts
E_Dep (GeV)


Electron, 2.0 GeV, Layer 2
h_Ele_DepAPC_T_2.0GeV_L2
Entries 9993
Mean 0.02722
Std Dev 0.01121
≈ 0.0267 GeV
Counts
E_Dep (GeV)


Electron, 2.0 GeV, Layer 3
h_Ele_DepAPC_T_2.0GeV_L3
Entries 9998
Mean 0.03889
Std Dev 0.01111
≈ 0.0397 GeV
Counts
E_Dep (GeV)


Electron, 2.0 GeV, Layer 4
h_Ele_DepAPC_T_2.0GeV_L4
Entries 9998
Mean 0.03582
Std Dev 0.008991
≈ 0.0356 GeV
Counts
E_Dep (GeV)