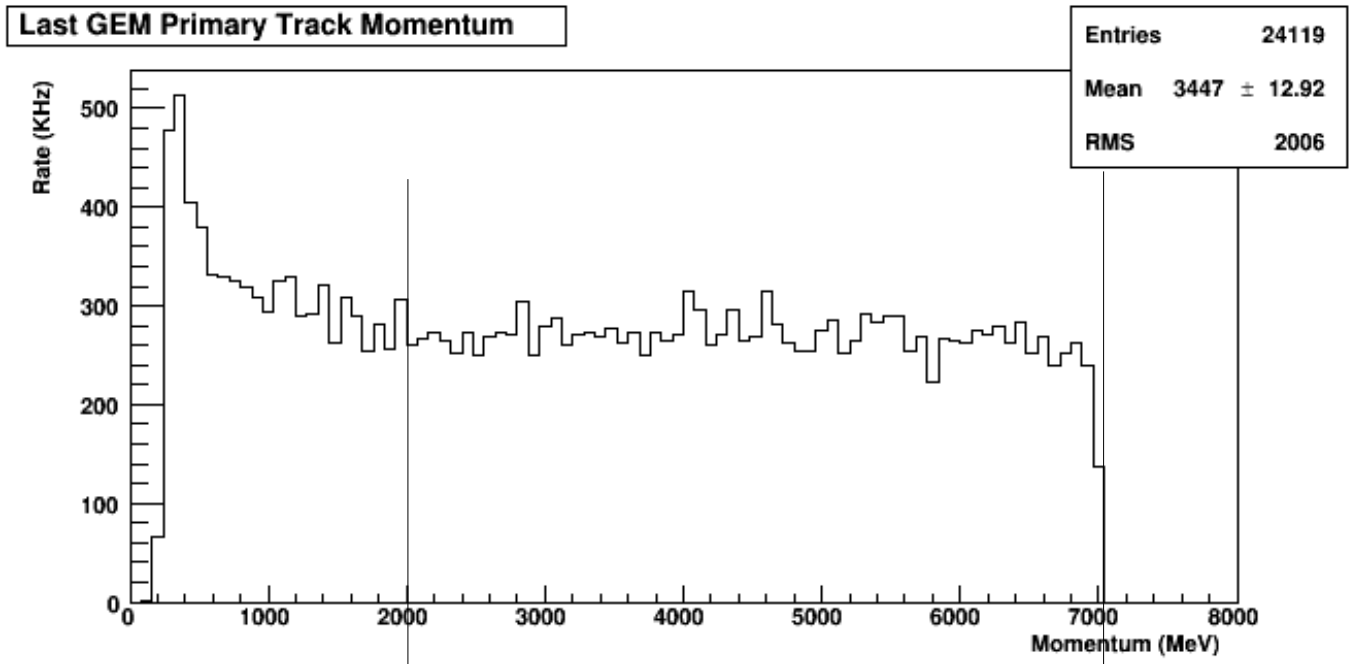
ECAL Update

Energy Resolution : Shower

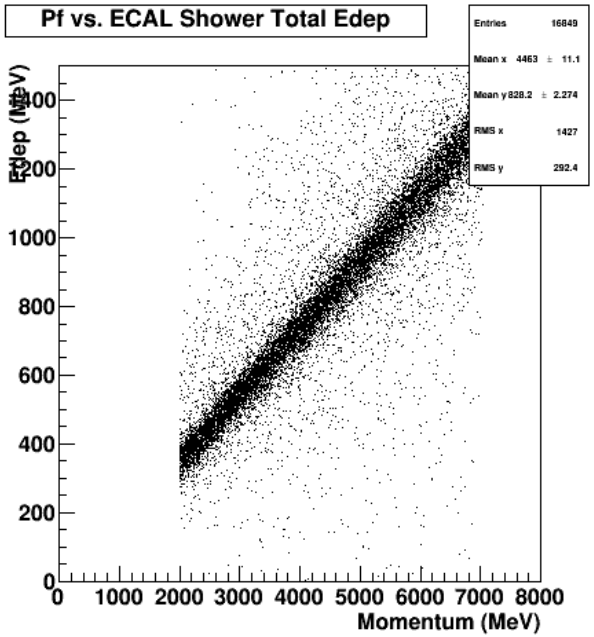
- Input flat distribution : electrons
- Use ecal cluster energy and input momentum to get
  - Energy Resolution

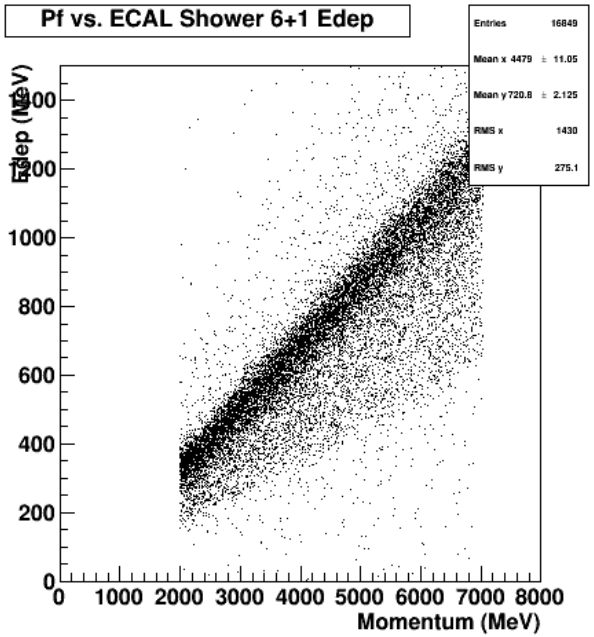
Input Flat Distribution

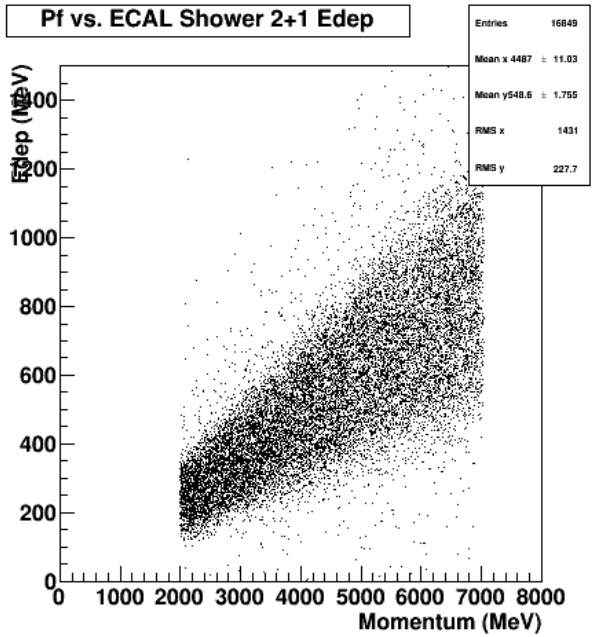


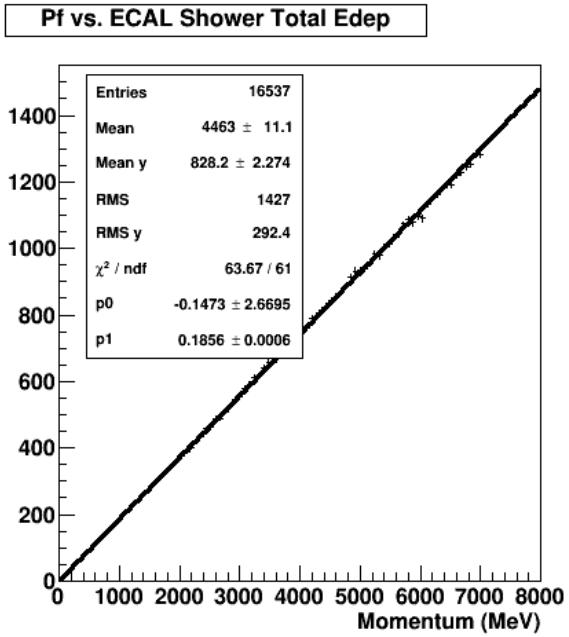
← Energy Range →

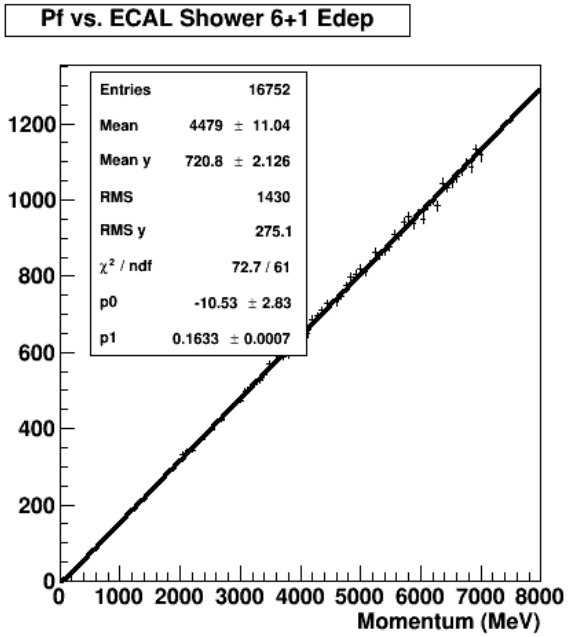
Edep Cluster Energy Calibration

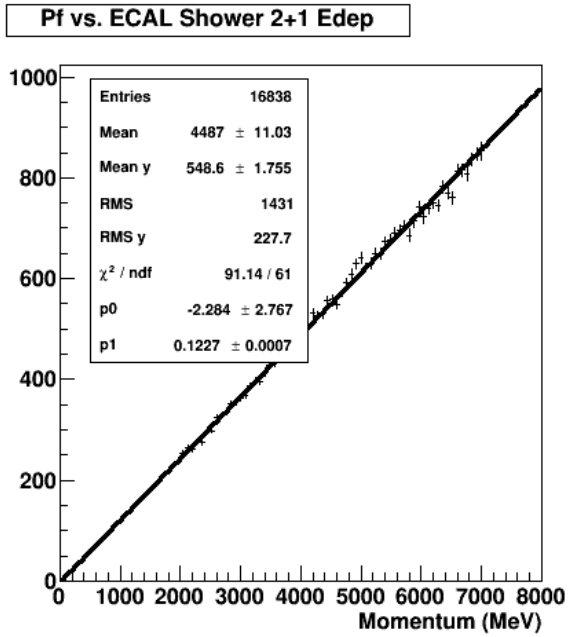




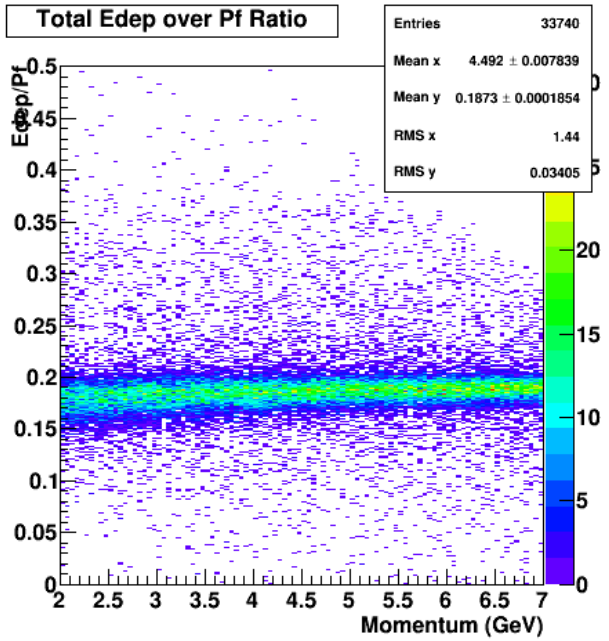


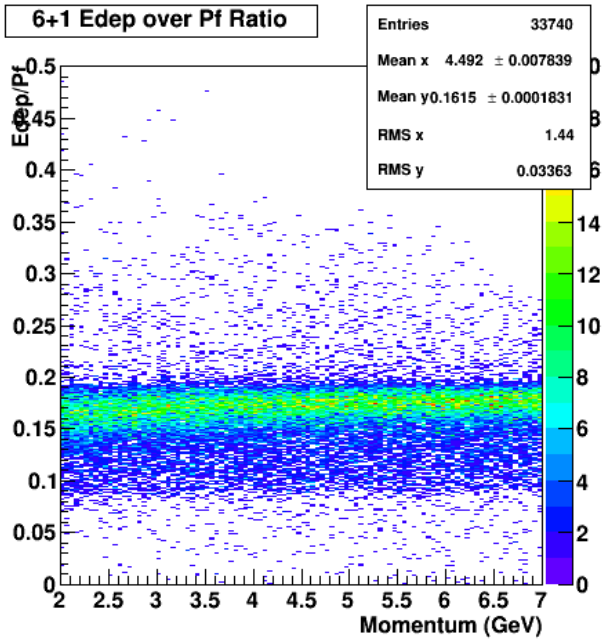


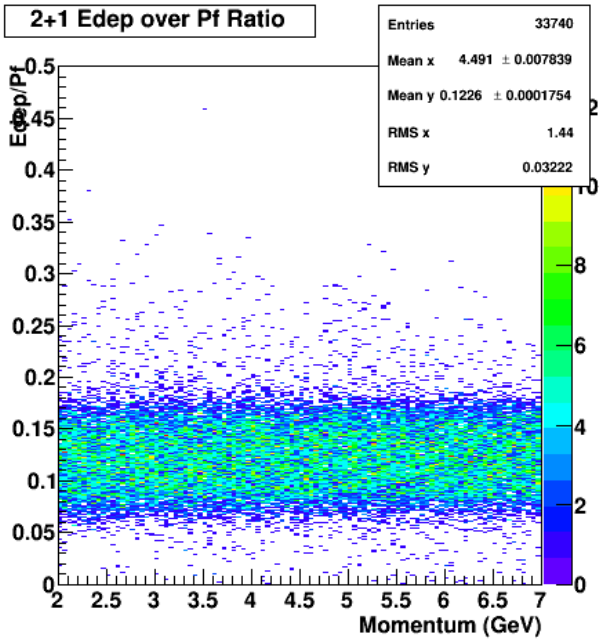




Momentum (edep) over P_f Ratio

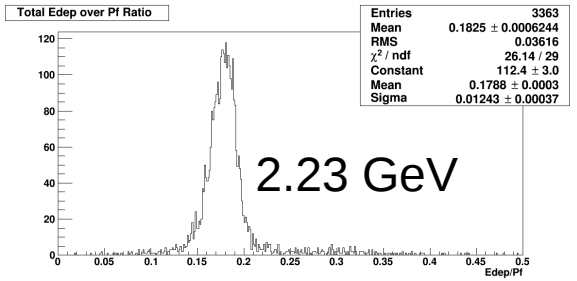


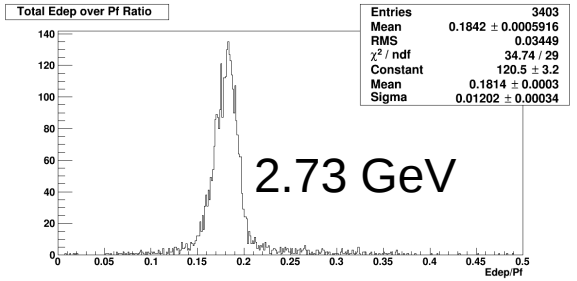


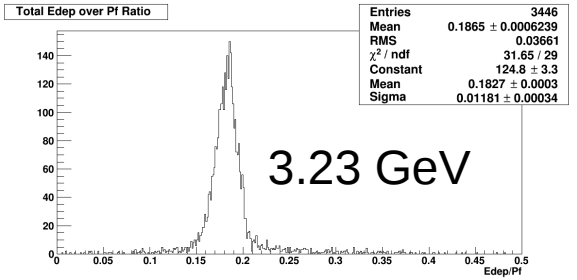


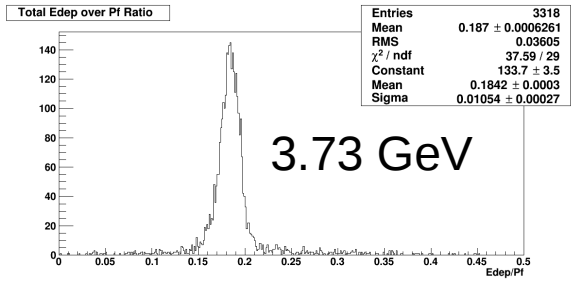
Momentum (edep) over P_f Ratio

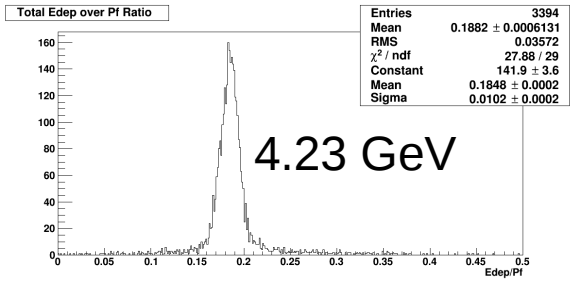
- Get the spread in edep over Pf ratio in incident energy bins
  - Energy resolution based on total energy deposit

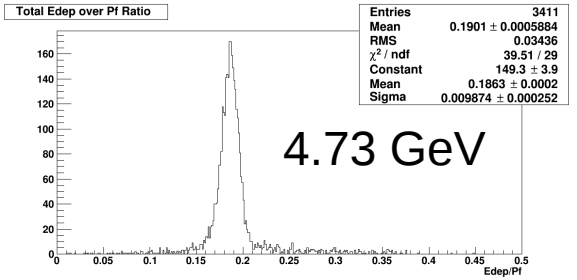


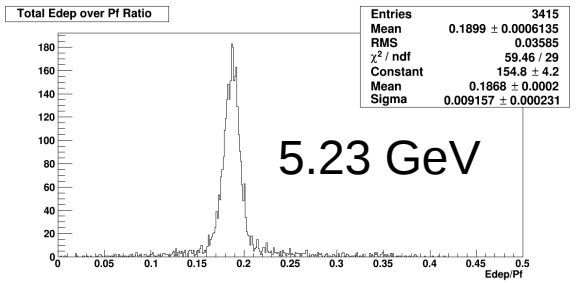


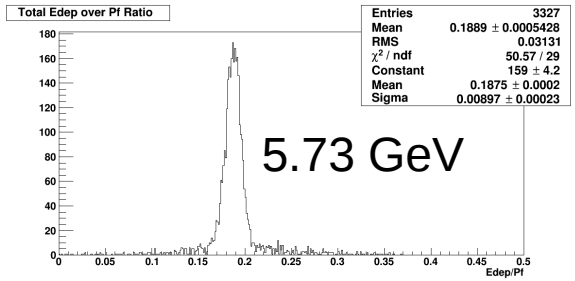


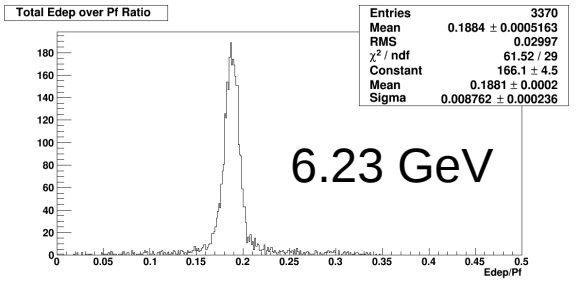




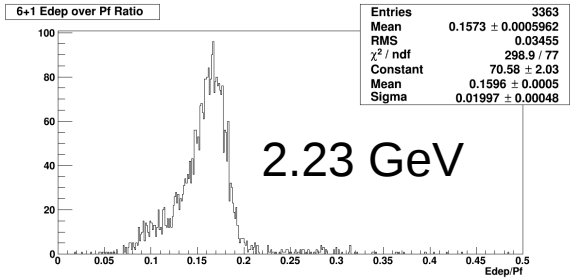


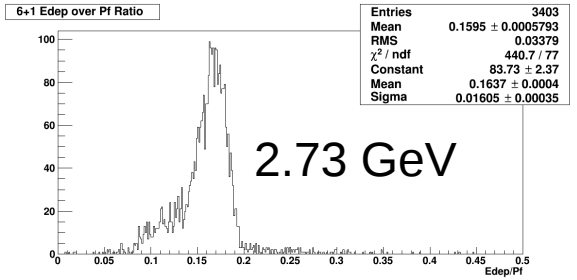


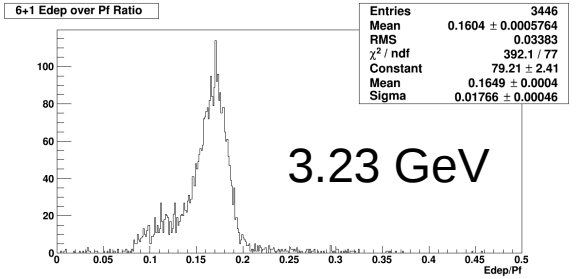


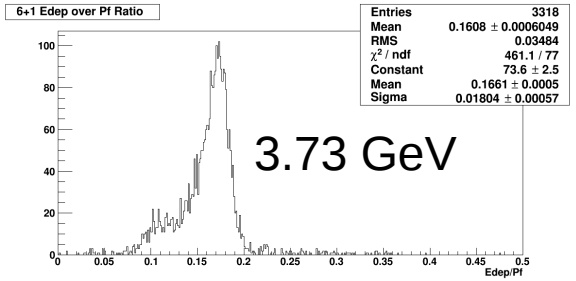


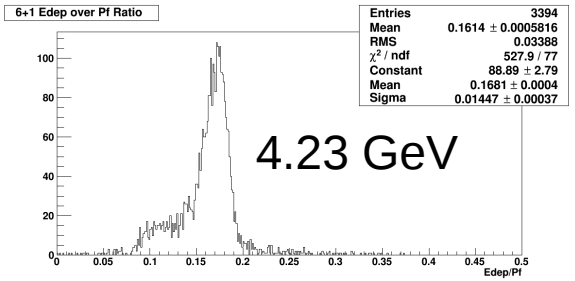
Momentum (edep) over P_f Ratio : 6+1

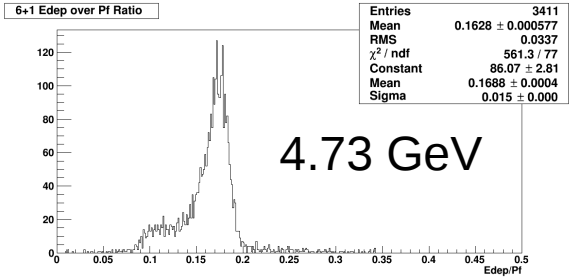


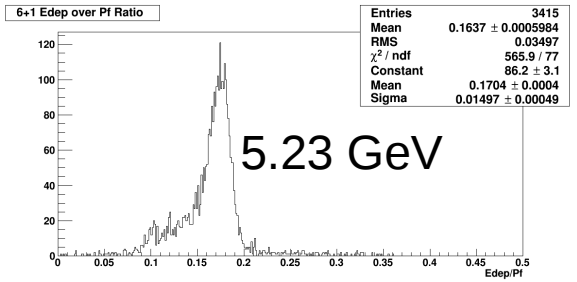


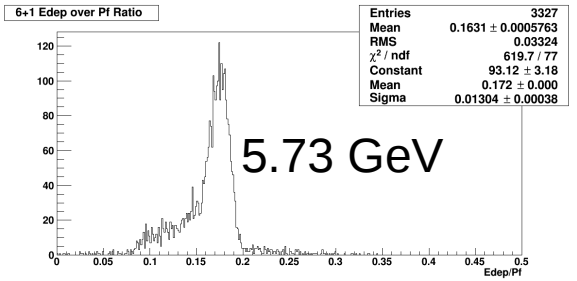


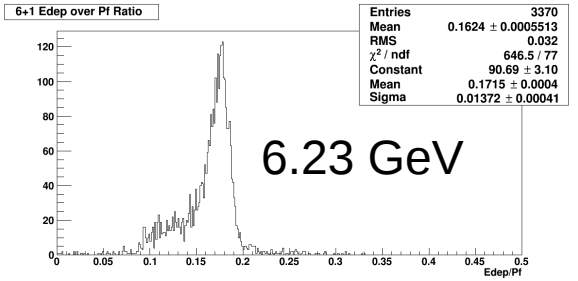




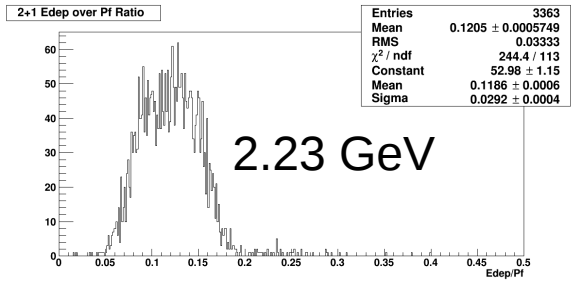


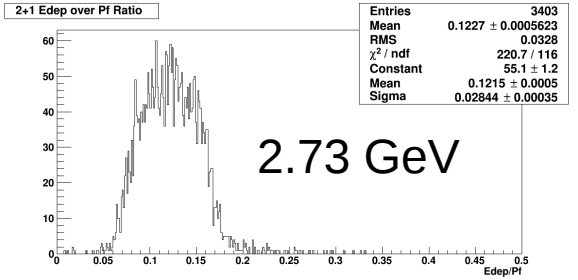


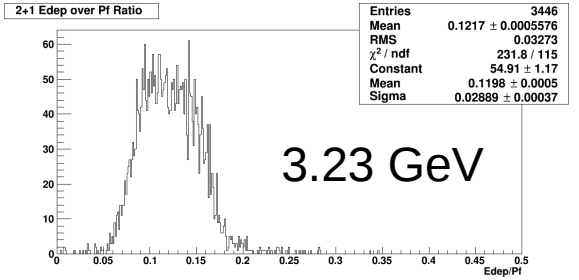


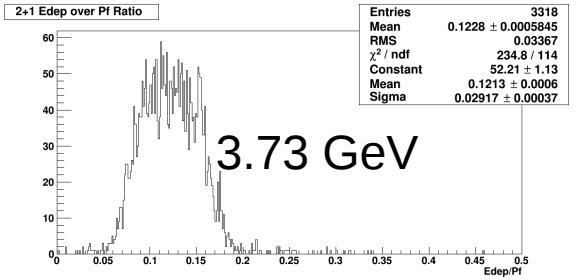


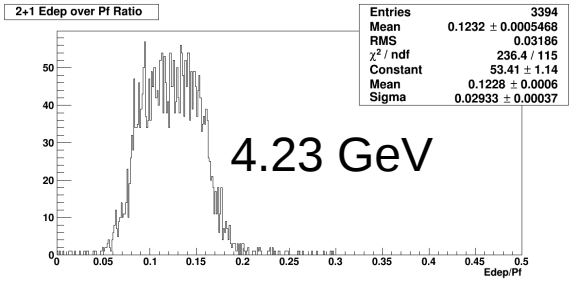
Momentum (edep) over Pf Ratio : 2+1

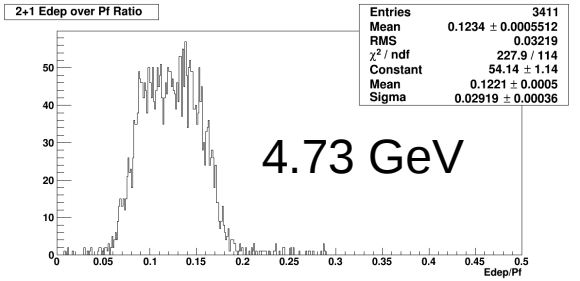


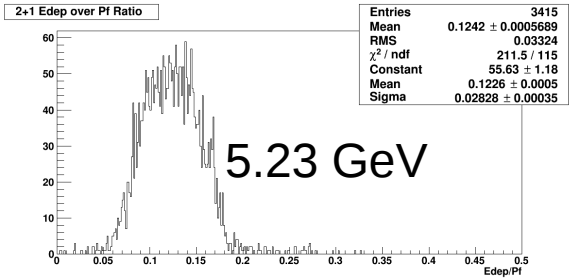


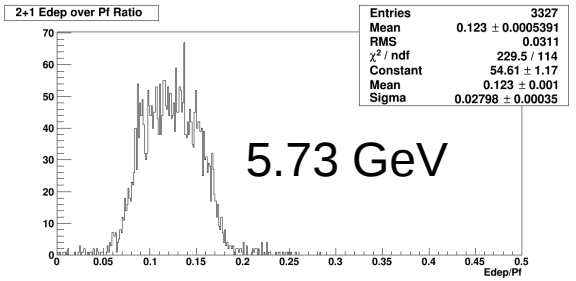


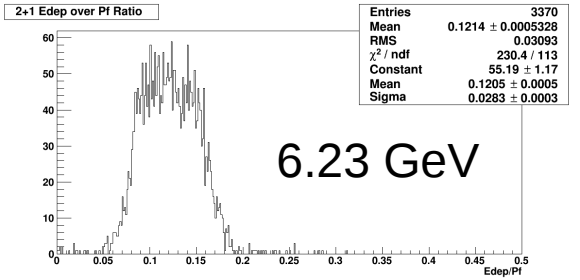






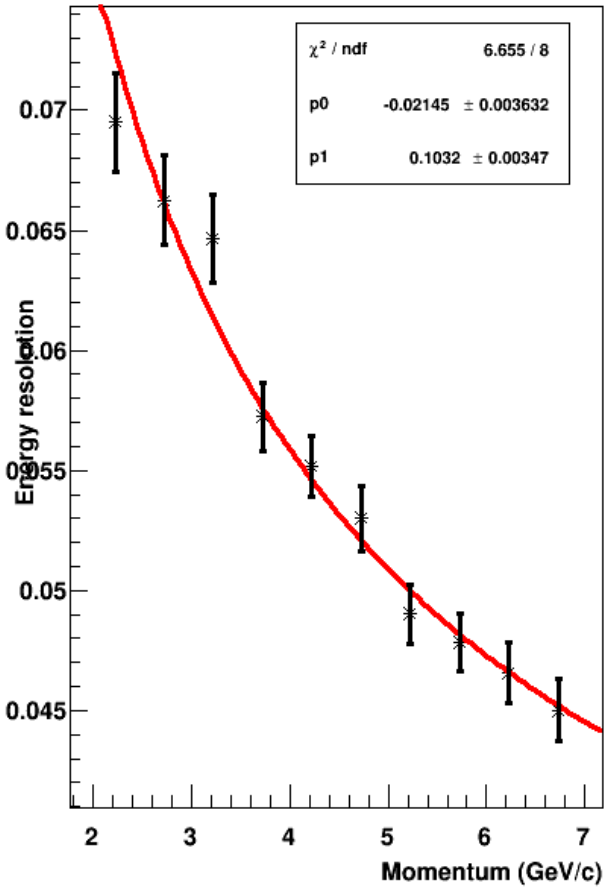




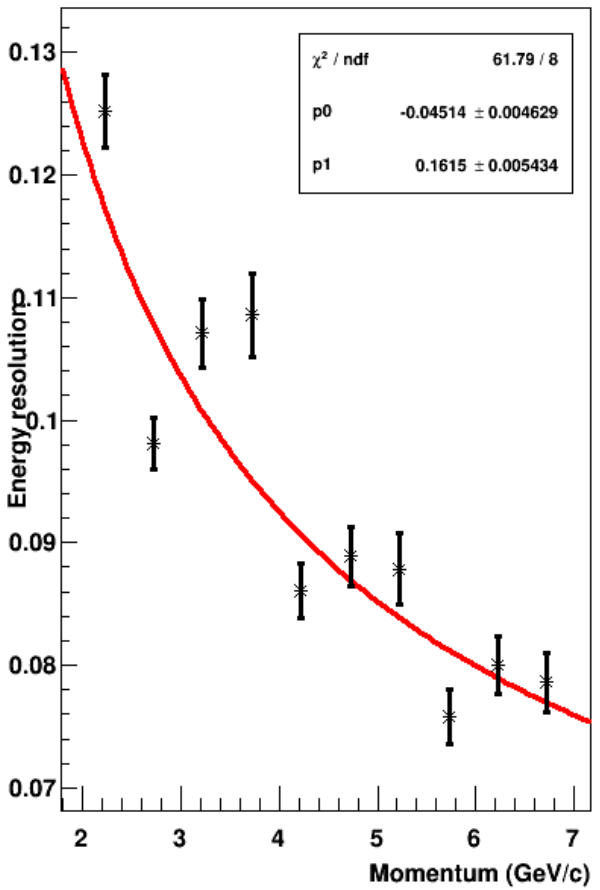


Shower Energy Resolution

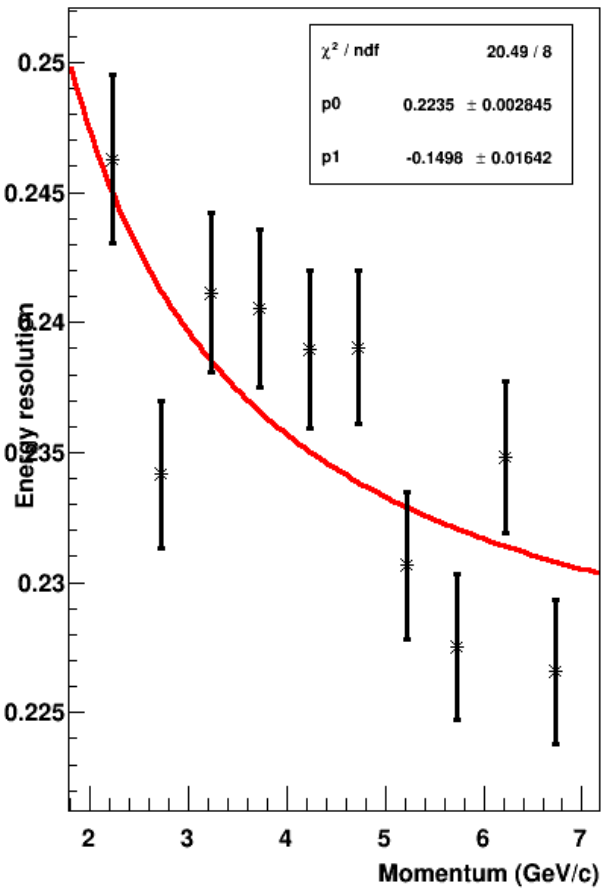
ECAL Total Energy Resolution VS p



ECAL 6+1 Energy Resolution VS p



ECAL 2+1 Energy Resolution VS p



Supplementary