

Electron Calibration - Data vs MC Comparison

Josh Newell

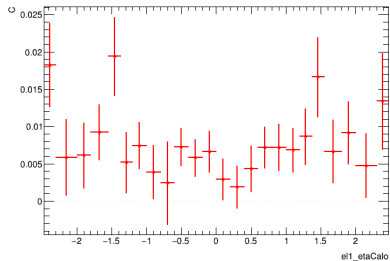
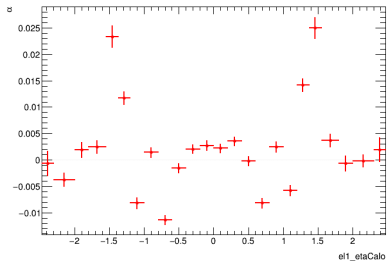
December 14, 2023

Table of contents

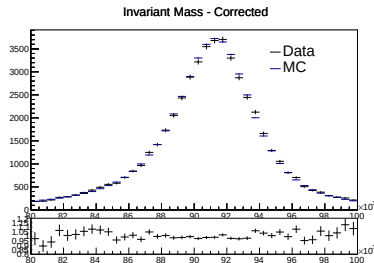
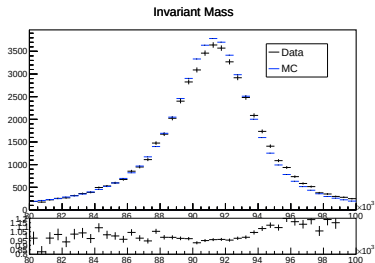
5 TeV E-Cal Plots

13 TeV E-Cal Plots

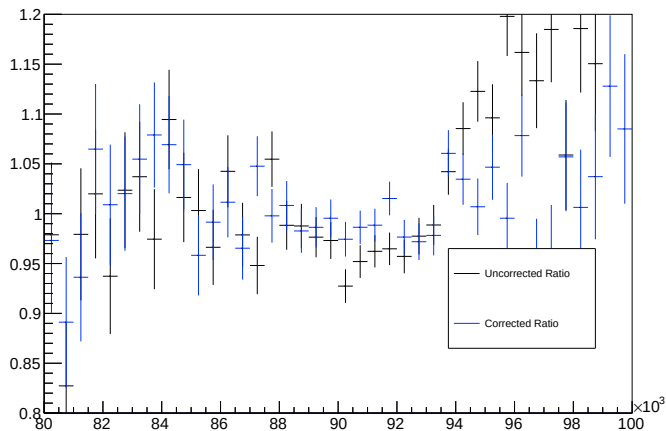
Alpha & C - 5 TeV



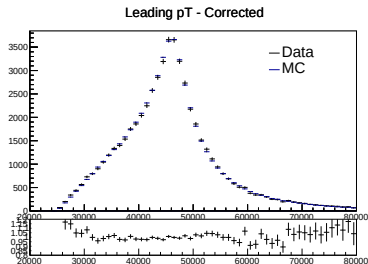
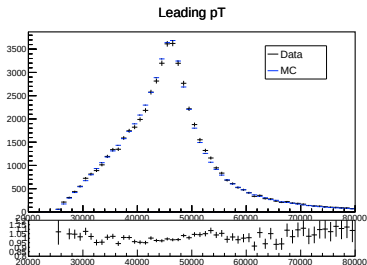
Invariant Mass - 5 TeV



Invariant Mass Data vs MC Ratio Comparison - 5 TeV

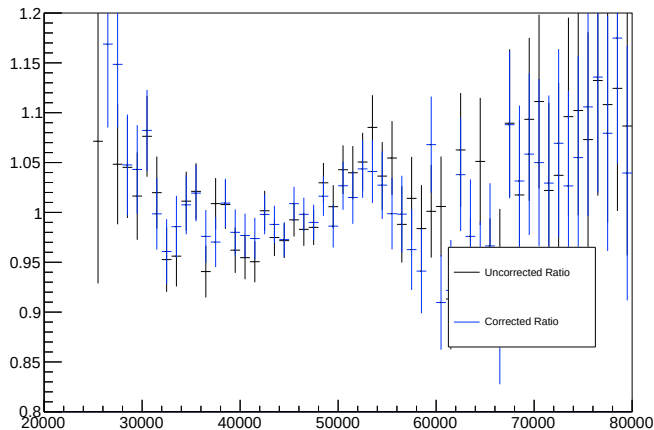


Leading Transverse Momentum - 5 TeV

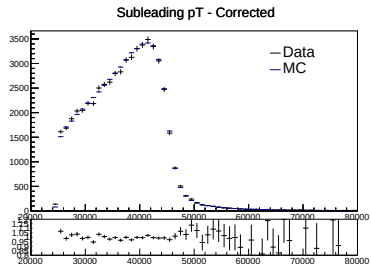
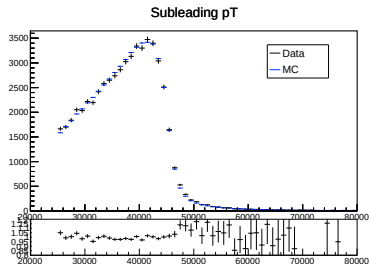


Leading Transverse Momentum Data vs MC Ratio

Comparison - 5 TeV

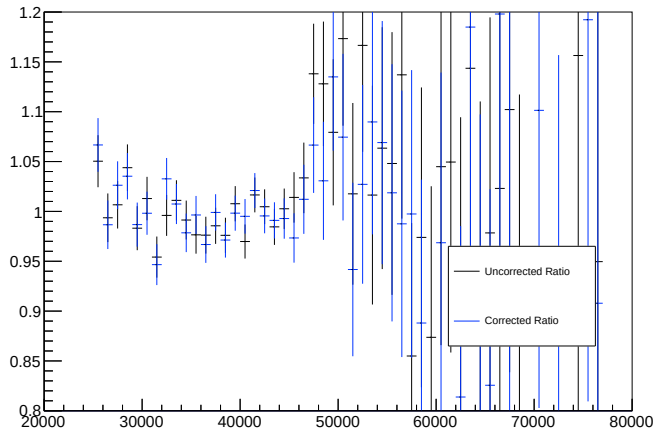


Subleading Transverse Momentum - 5 TeV

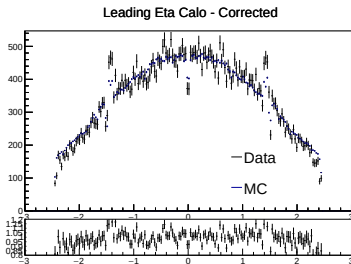
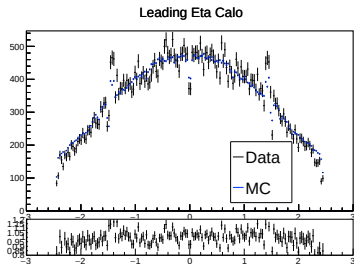


Subleading Transverse Momentum Data vs MC Ratio

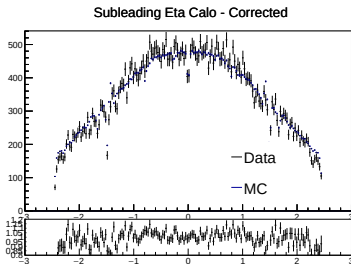
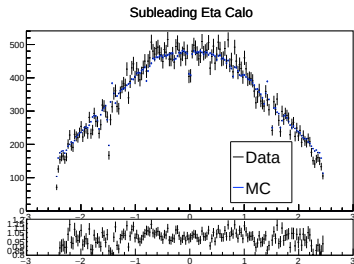
Comparison - 5 TeV



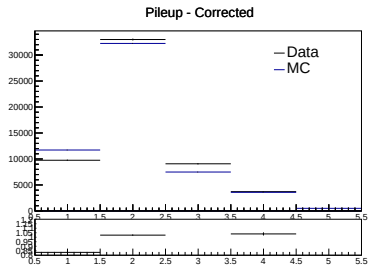
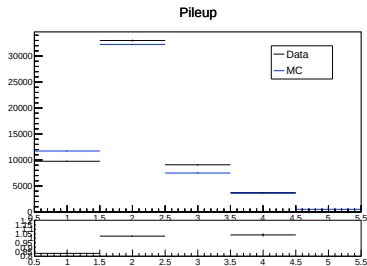
Leading Pseudorapidity - 5 TeV



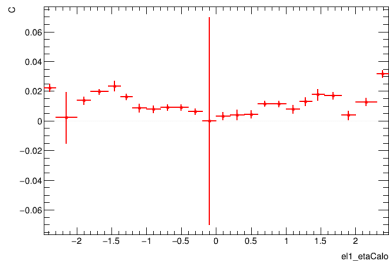
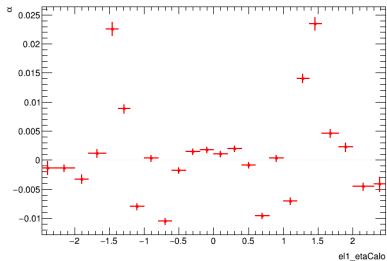
Subleading Pseudorapidity - 5 TeV



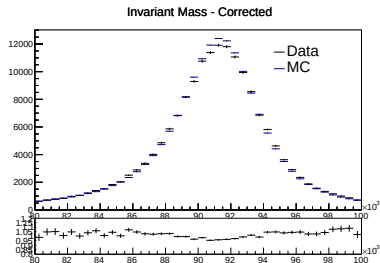
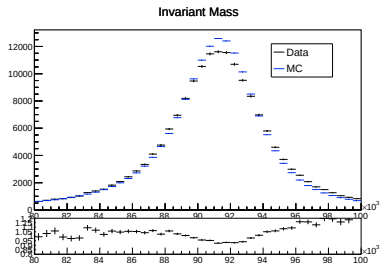
Pileup - 5 TeV



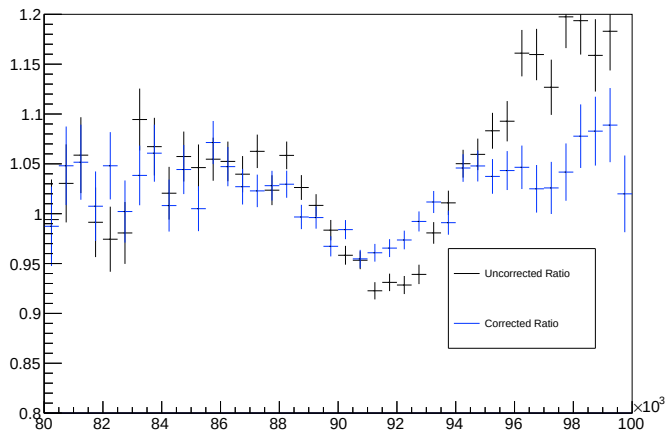
Alpha & C - 13 TeV



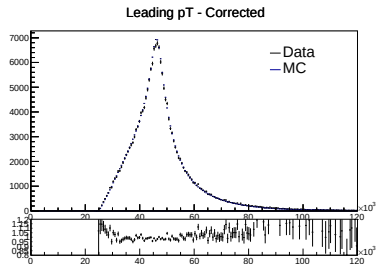
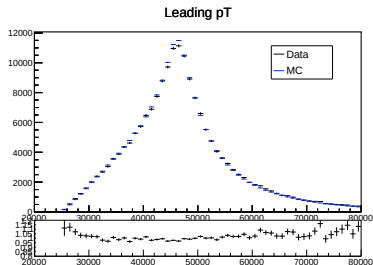
Invariant Mass - 13 TeV



Invariant Mass Data vs MC Ratio Comparison - 13 TeV

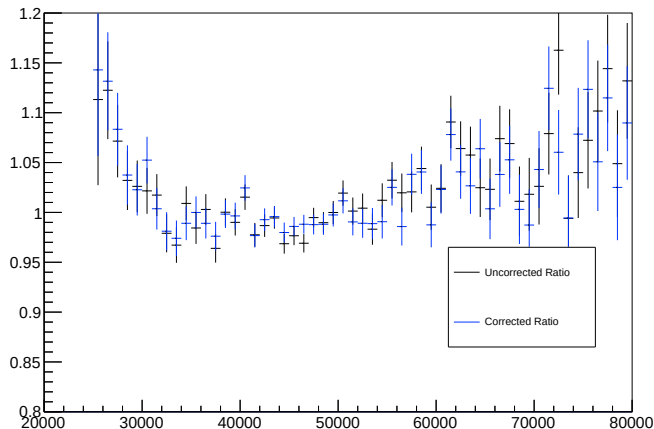


Leading Transverse Momentum - 13 TeV

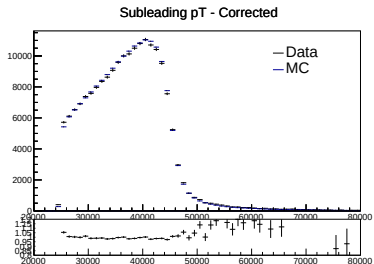
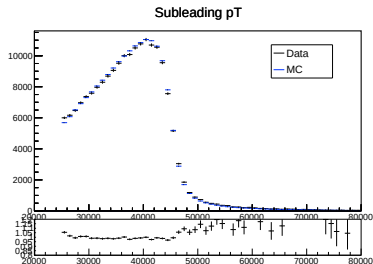


Leading Transverse Momentum Data vs MC Ratio

Comparison - 13 TeV

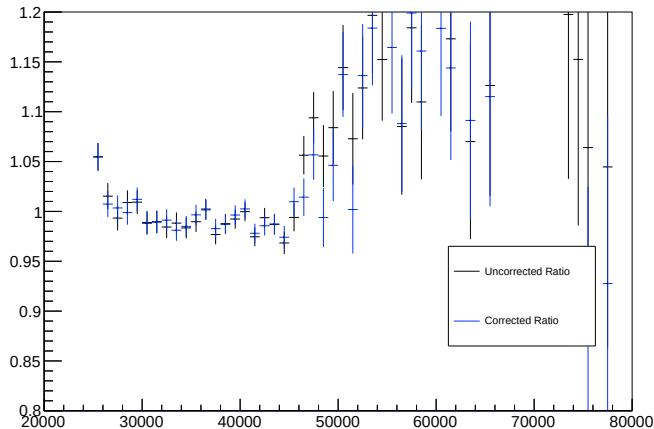


Subleading Transverse Momentum - 13 TeV

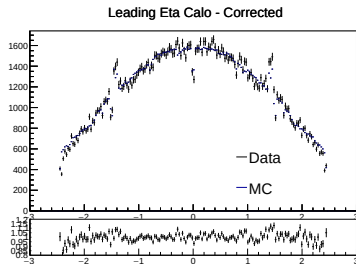
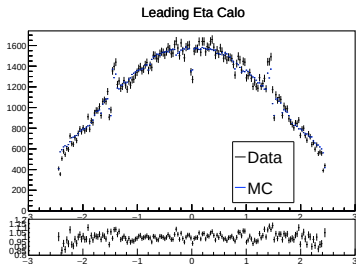


Subleading Transverse Momentum Data vs MC Ratio

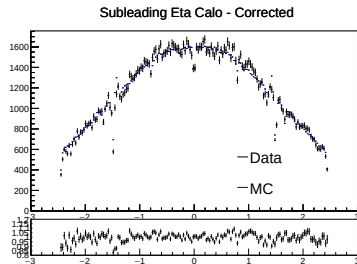
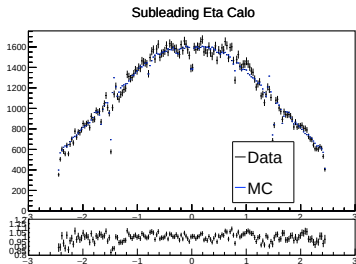
Comparison - 13 TeV



Leading Pseudorapidity - 13 TeV



Subleading Pseudorapidity - 13 TeV



Pileup - 13 TeV

