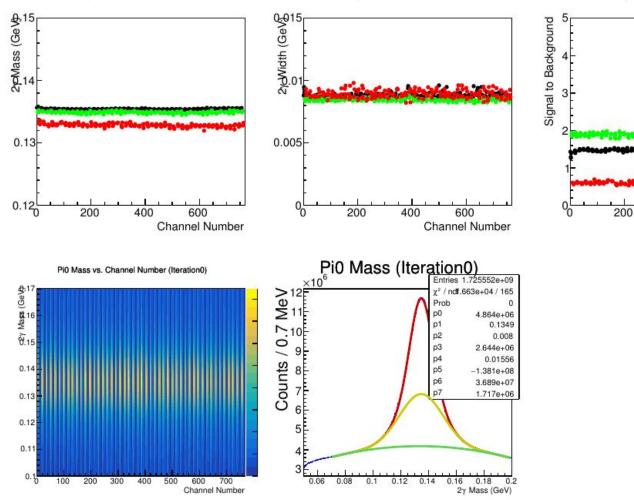
Summary on the BCAL gain calibrations Date: 24 January 2019 Karthik Suresh

- Mark determined the position constants for the spring and fall 2018
- A calibration on the spring 2018 data was done in order to check if the new position constants affect the gain calibration and to determine new gains.
- The run range for calibration is 40864 to 41102
- The gains converged to the right pi0 mass after 6 iterations.

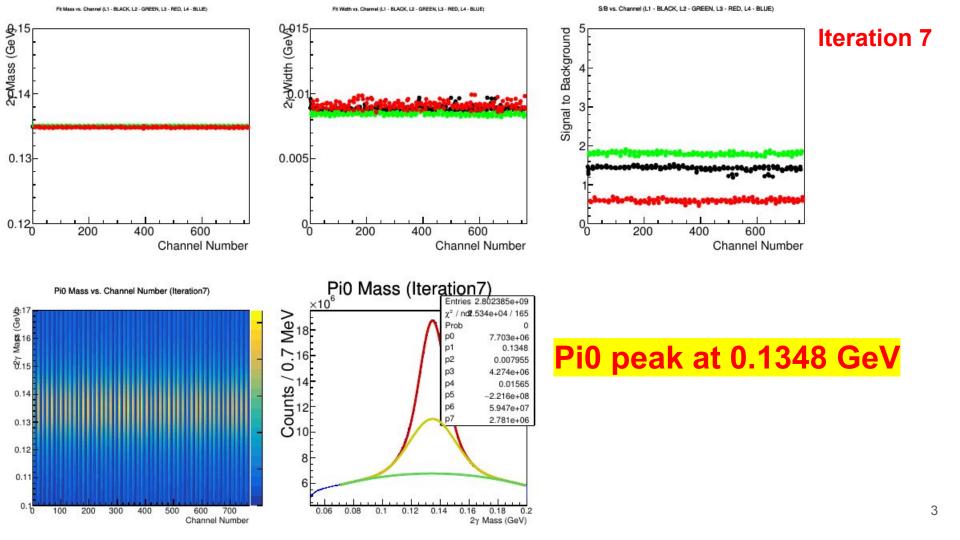


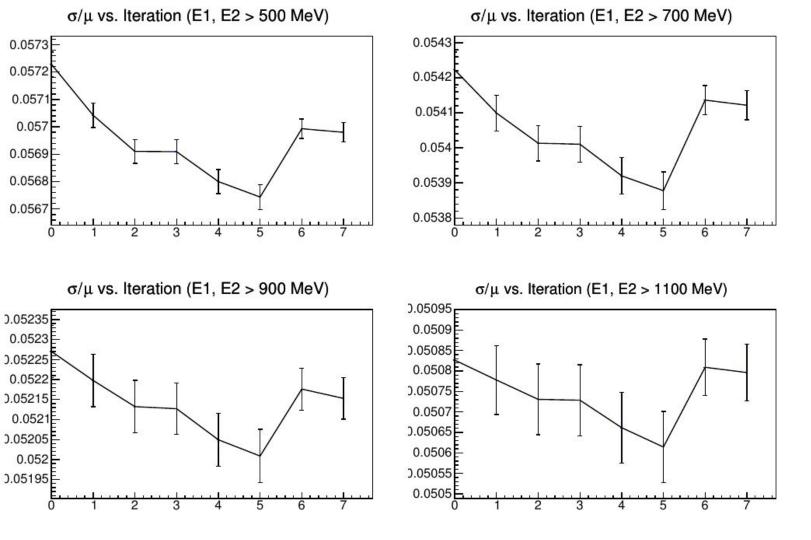
Iteration 0

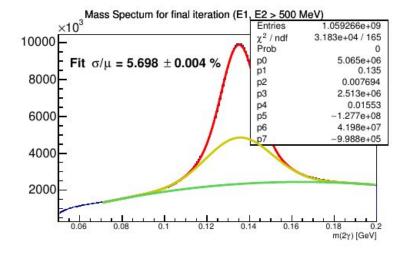
400

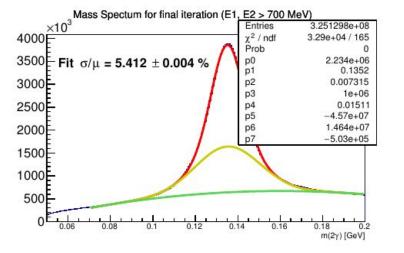
600

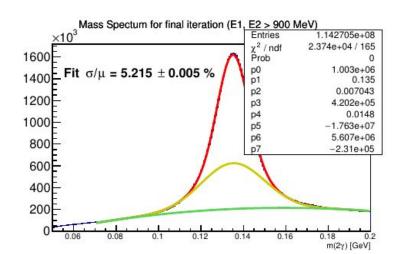
Channel Number

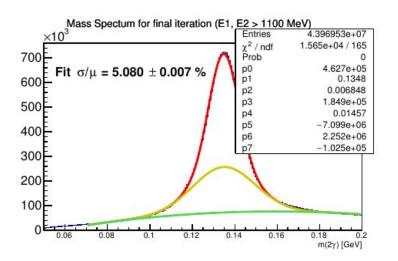






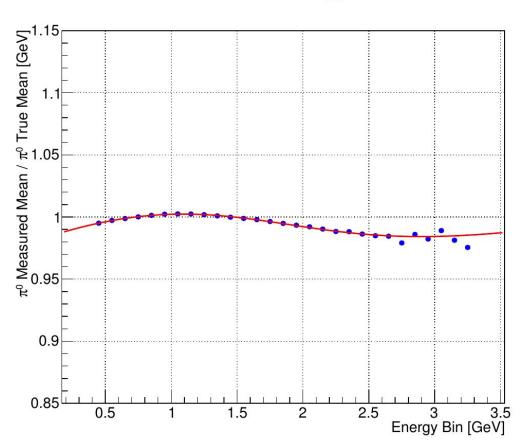






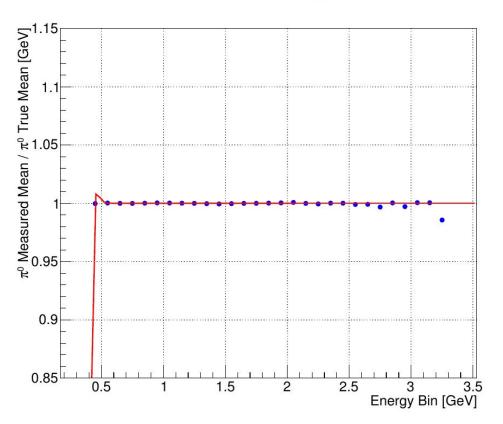
Pre - nonlinear correction

 π^0 Mean vs Energy bin

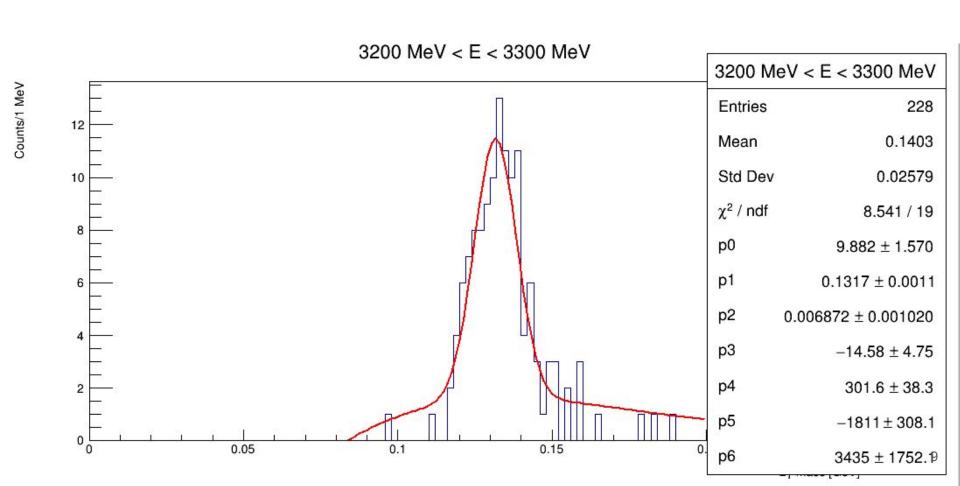


Post - nonlinear correction

 π^0 Mean vs Energy bin



BACKUP



3200 MeV < E < 3300 MeV

