

# Inclusive Reactions Group

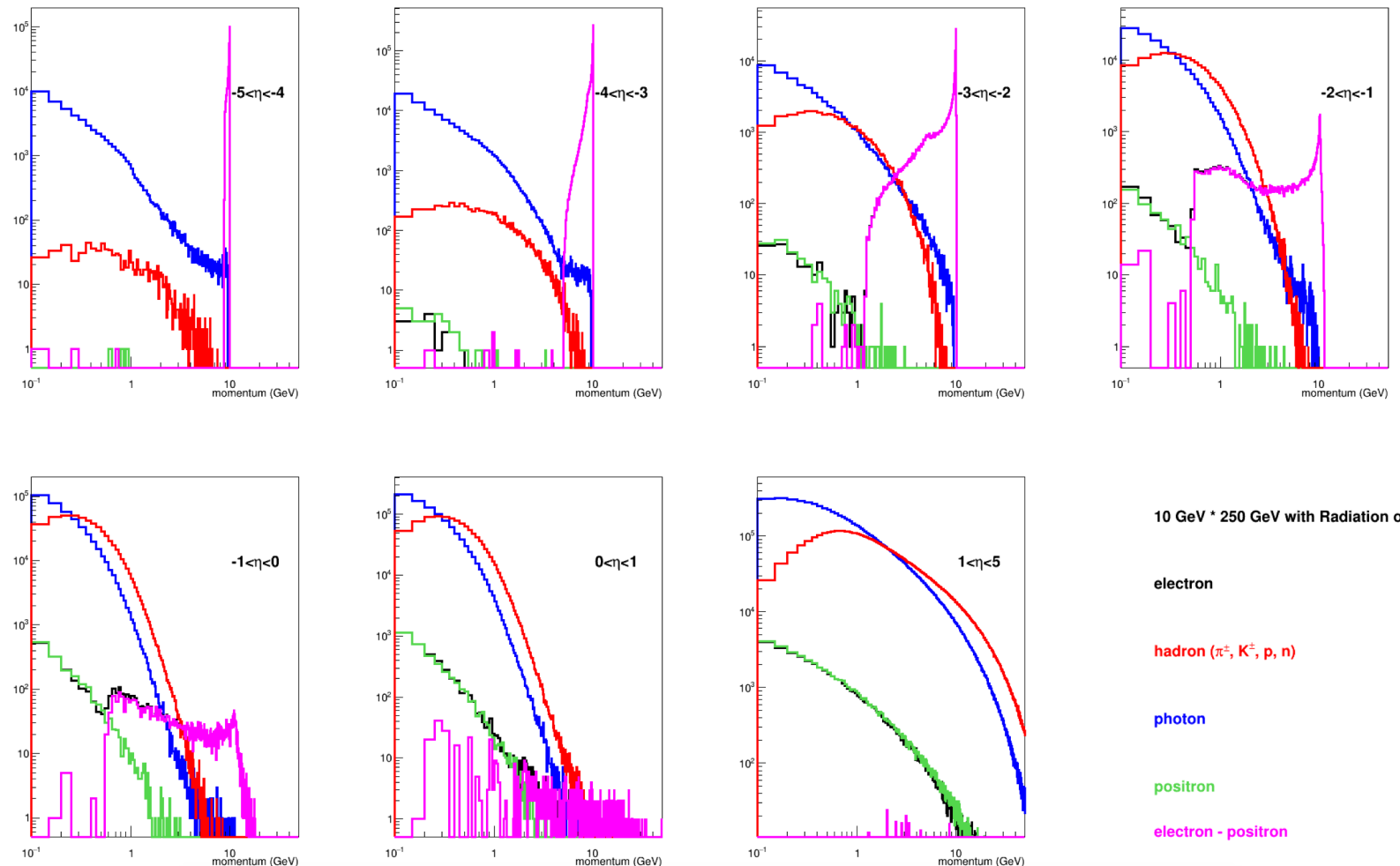
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# Electron/Hadron Discrimination

- Ultimately we need to provide hadron suppression capabilities as a function of  $\eta$  and momentum for various ECAL resolutions.
- Started by making simple study of particle yields.
- Raises the question - Does the detector group want hit maps for background physics observables? For example, do you want hit maps for positrons and pions?

10x250 Djangoh, RC on,  $Q^2_{\min} = 0.1 \text{ GeV}$



# Hadronic Calorimetry

- Charge current channels reconstruct kinematics from the hadronic recoil.
- The hadronic calorimeter resolution will be the driving factor in determining accuracy of reconstruction.
- What are reasonable variations of hadronic calorimeter resolutions?

## Resolution map

