

Towards the estimation of the ECAL Energy Scale

STATUS REPORT

EnergyP

From Vitaly

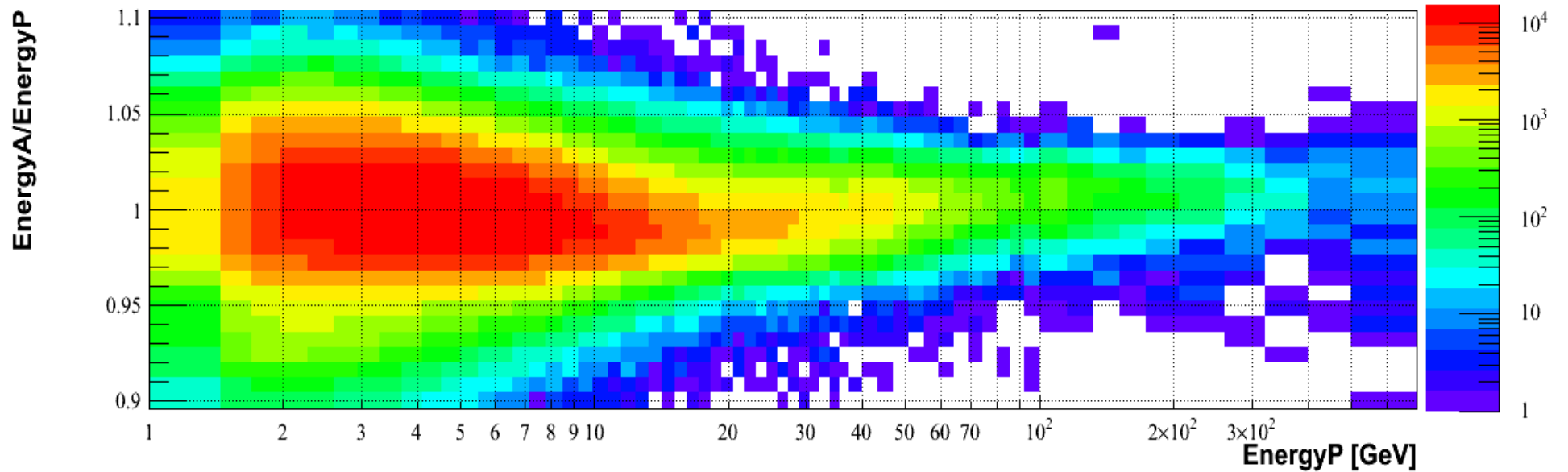
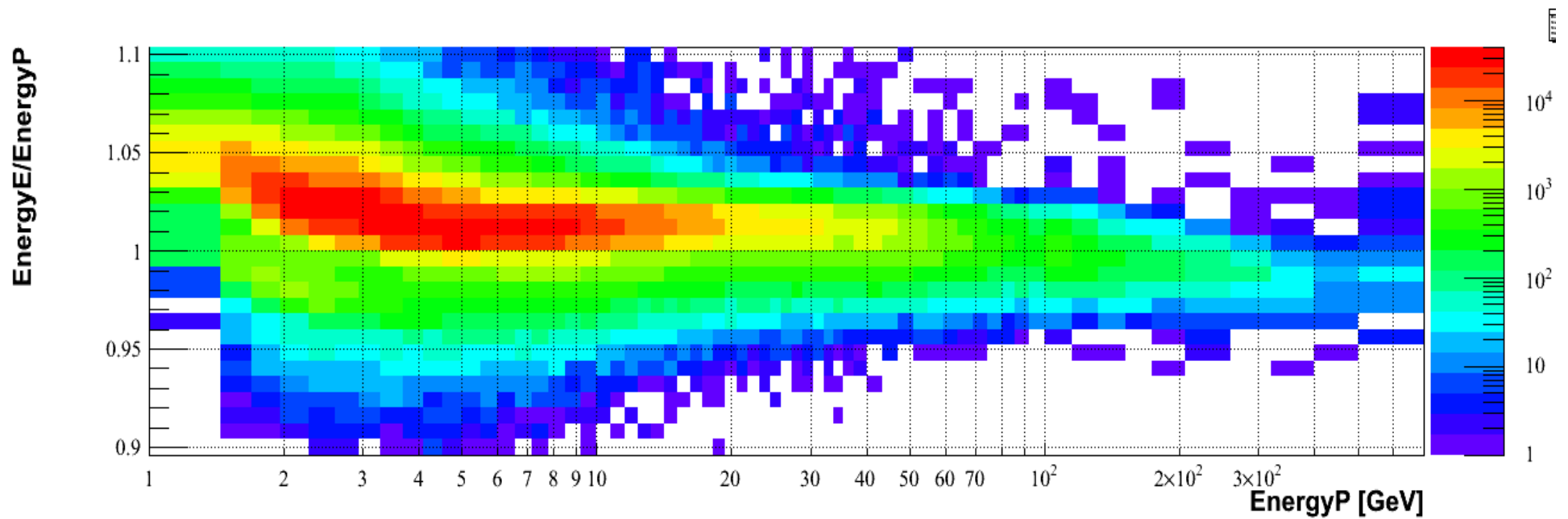
Checked with TB data 80,120,180 GeV ;
Shows $\sim 0.5\%$ agreement (Mean Value)

Summary of corrections:

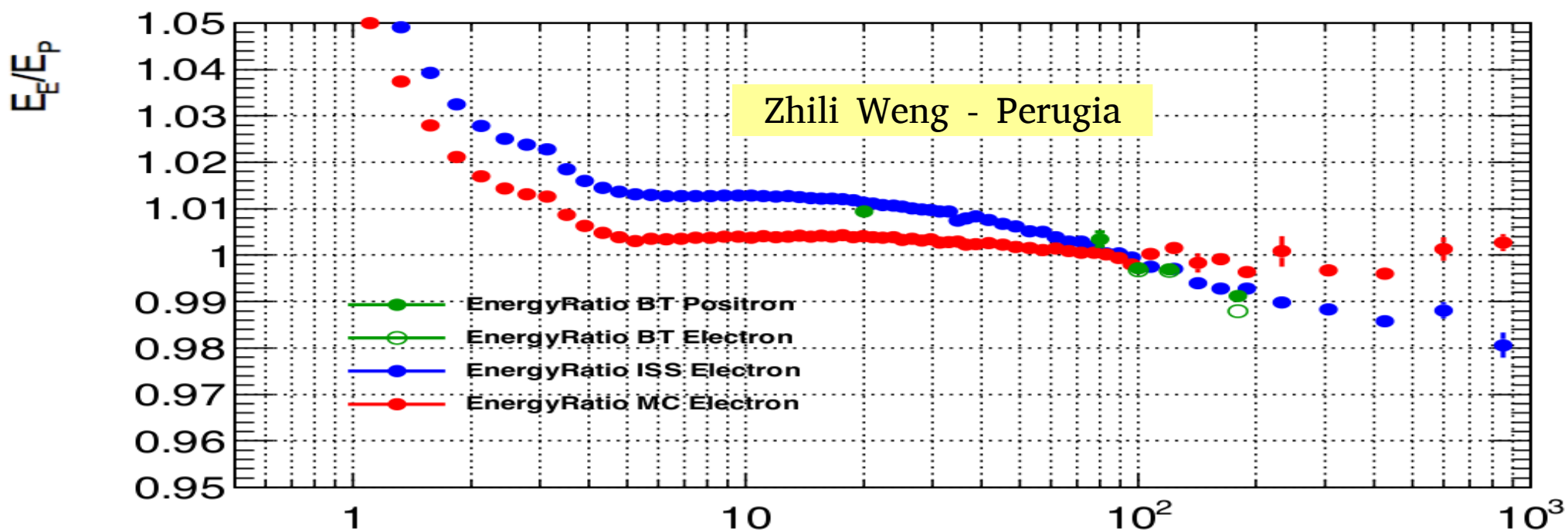
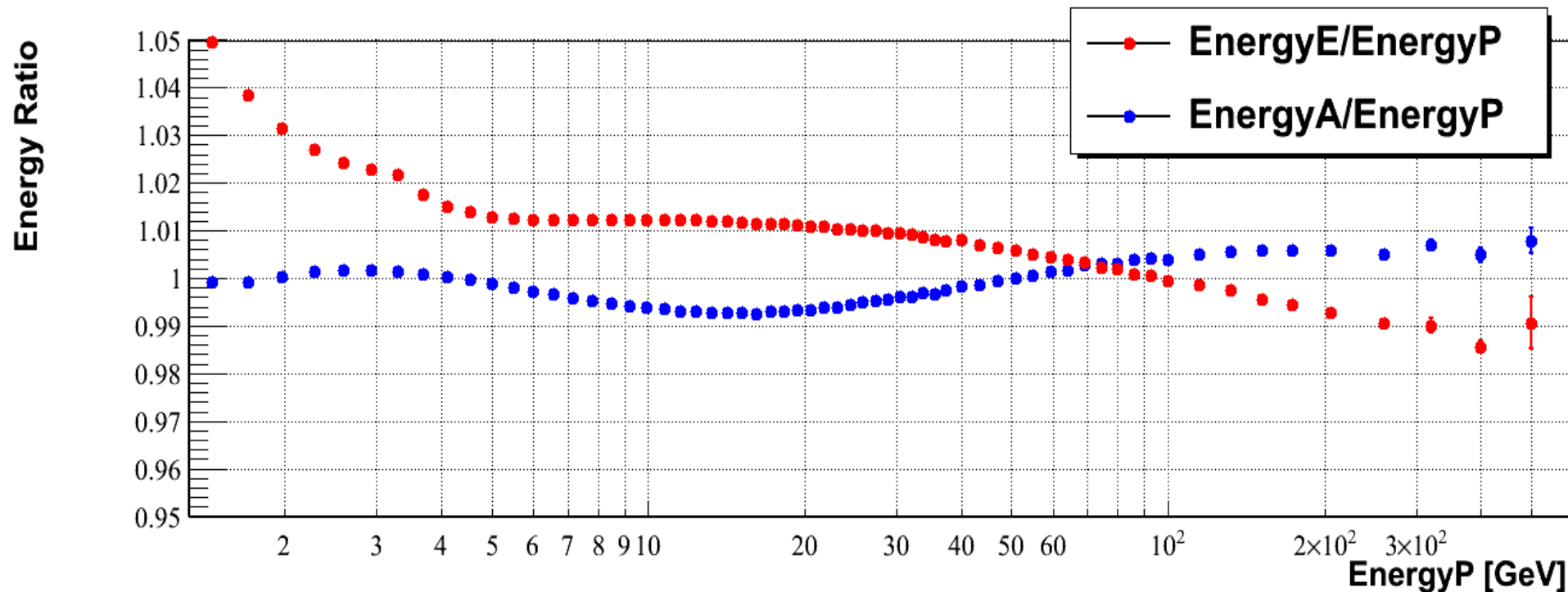
- 0) No correction for top of AMS
- 1) theta, phi corrections [mc driven]
- 2) energy leak [data,mc driven]

for $E_{\text{ec}} > 812$ gev, checked with mc up to 2 TeV

Comparison for e^- on ISS data (pass4)



Comparison for ISS data



A look at Test Beam data

Available data set (in progress)

Electrons :

- 100 GeV
- 120 GeV
- 180 GeV

Positrons :

- 20 GeV
- 80 GeV
- 100 GeV
- 120 GeV
- 180 GeV

