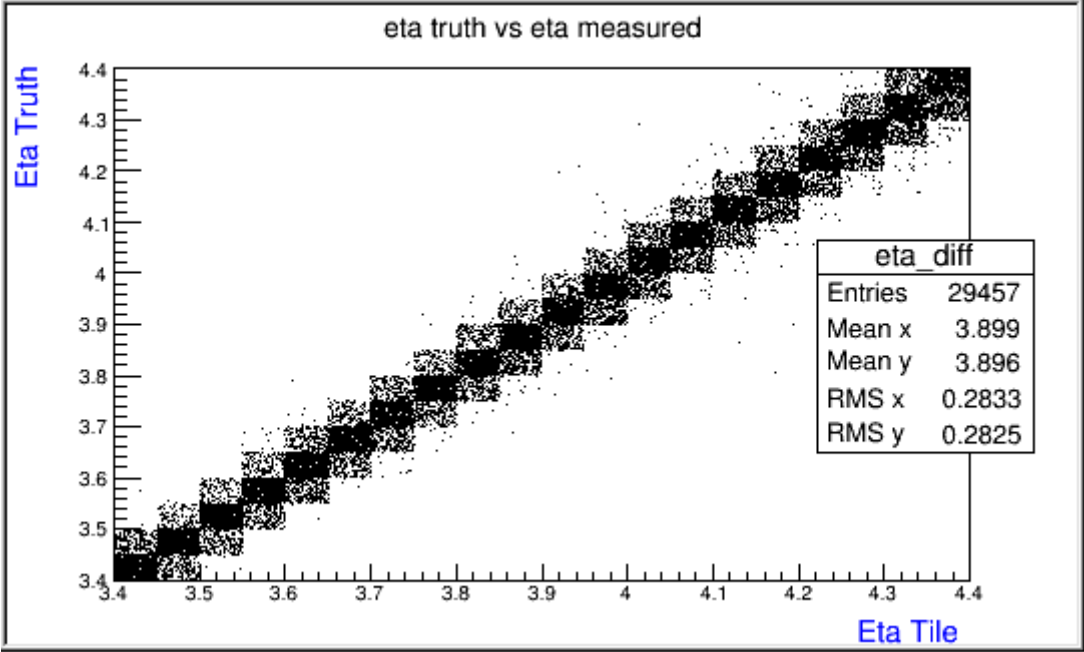
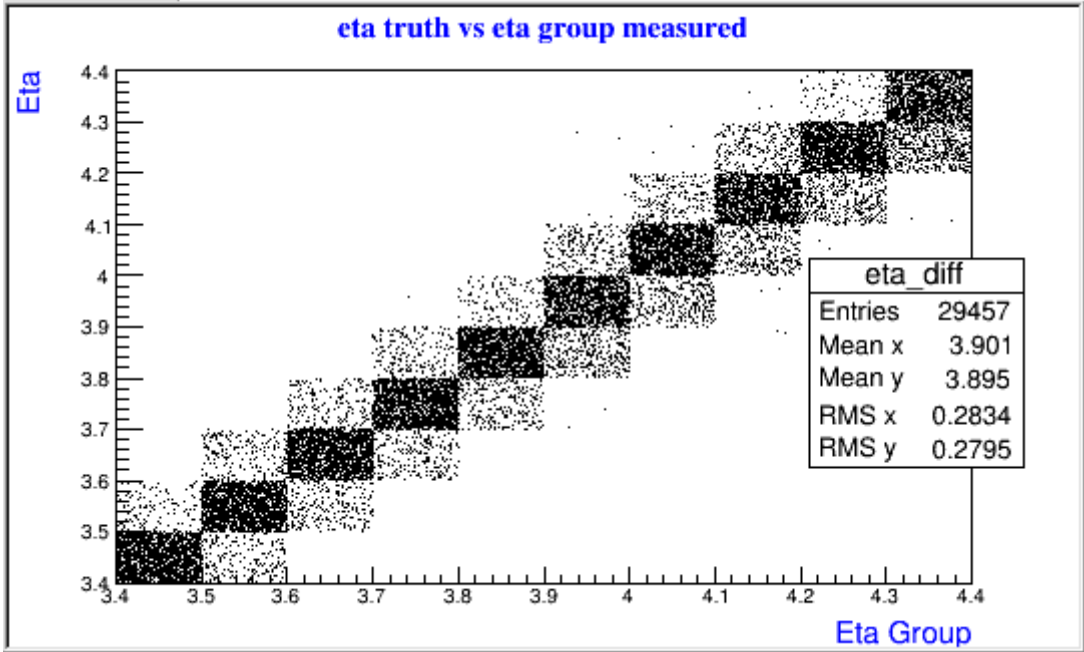


*Electron 5 GeV*



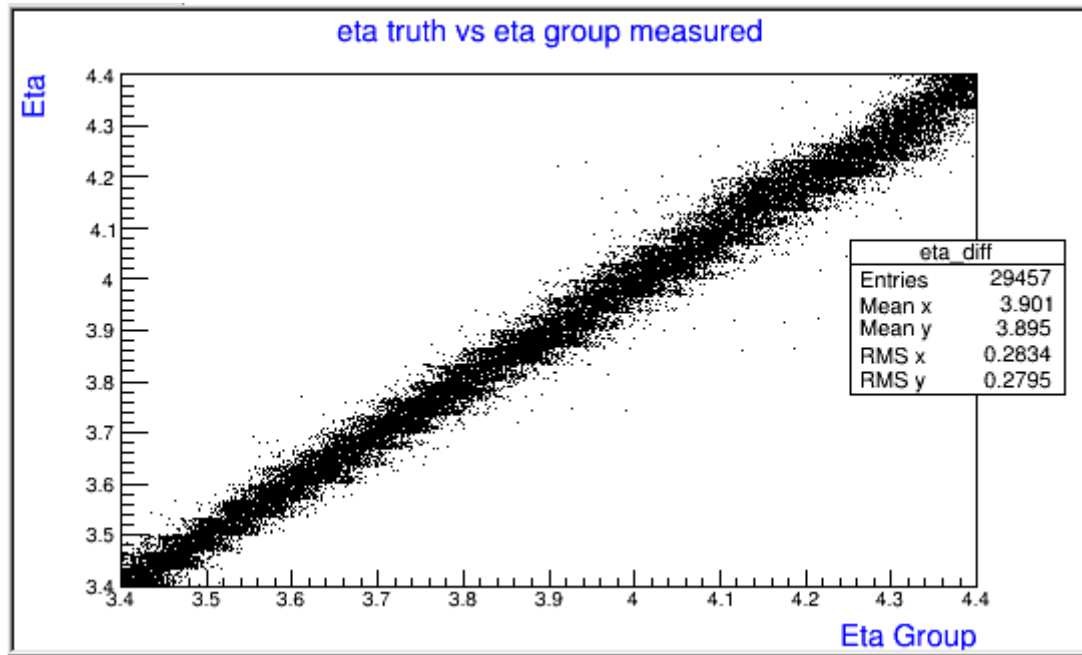
Eta truth vs eta tile measured with eta cuts between 3.4 & 4.4

Number of both bins is 20



Eta truth vs eta group measured with eta cuts between 3.4 & 4.4

Number of both bins is 10

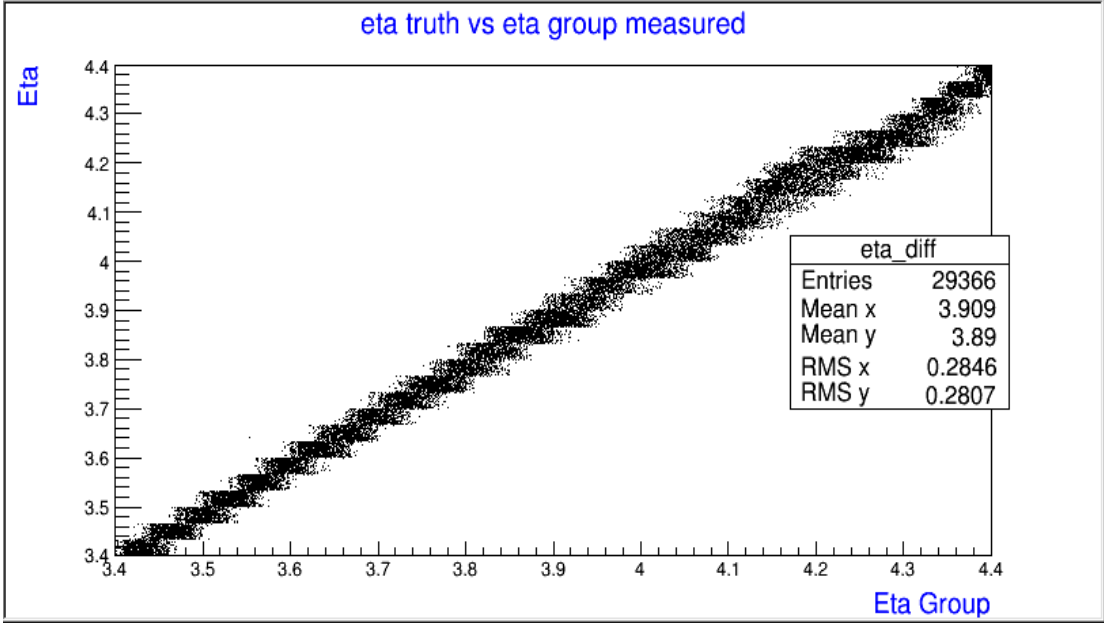


Eta truth vs eta group measured with eta cuts between 3.4 & 4.4

Number of eta bin is 100 & that of eta group is 30

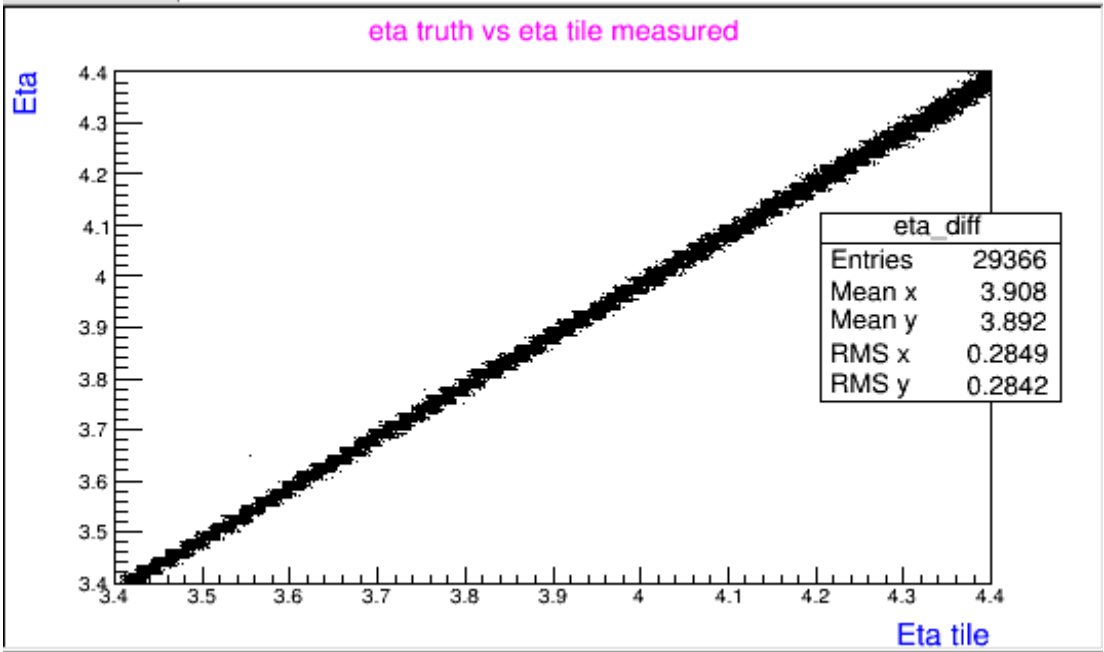
- 20 is the number of bins for both eta truth & eta tile, Where :
- $\eta = -\log(\tan(\theta/2))$
- $\theta_{truth} = \text{atan}\sqrt{(x^2 + y^2)/z^2}$
- $\theta_{tile} = \text{atan}\sqrt{(x_{tile}^2 + y_{tile}^2)/z_{tile}^2}$

*Electron 200 GeV*



Eta truth vs eta group measured with eta cuts between 3.4 & 4.4

Number of eta bin is 100 & that of eta group is 30



Eta truth vs eta group measured with eta cuts between 3.4 & 4.4

Number of eta bin is 1000 & that of eta group is 60

