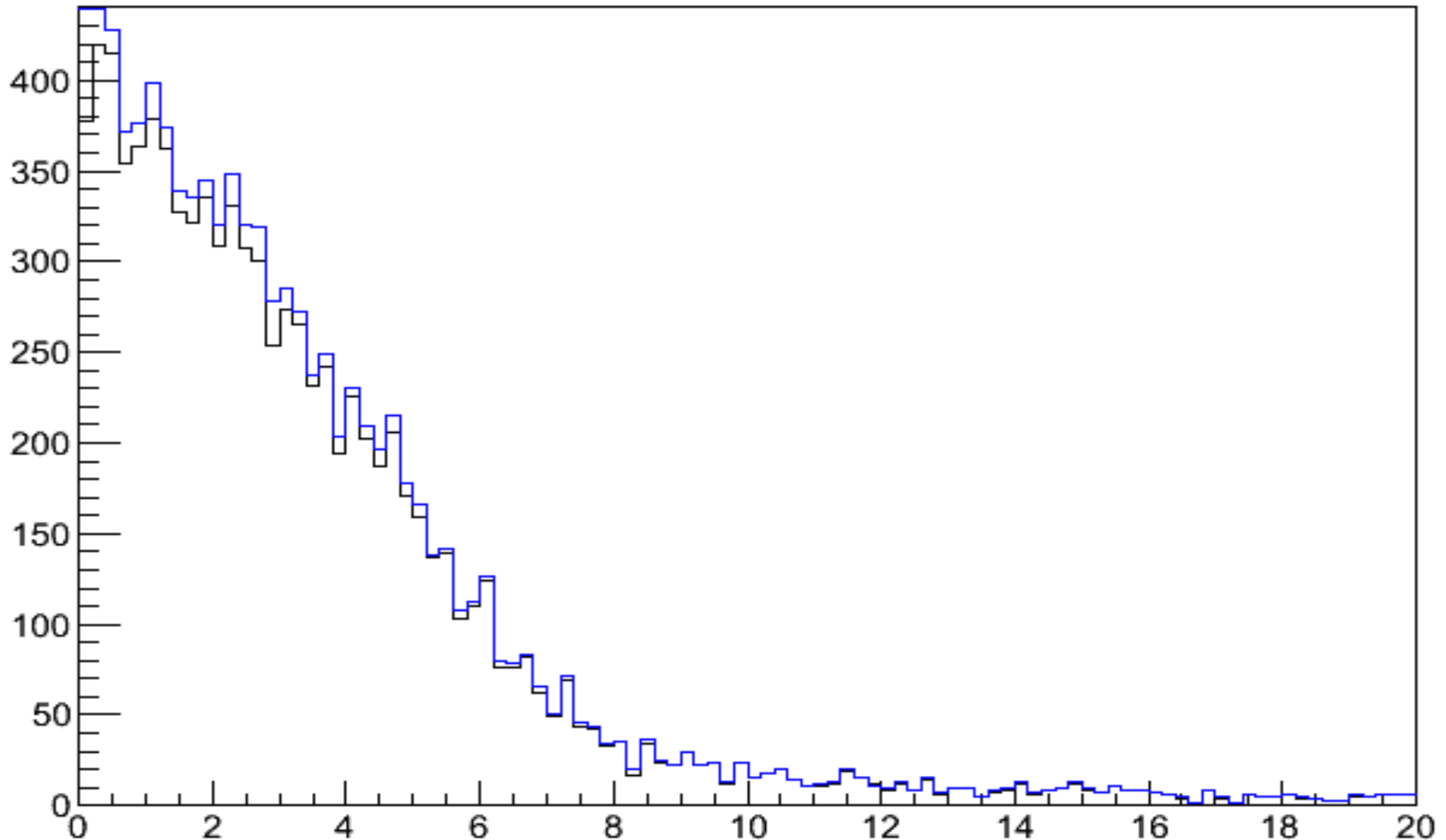


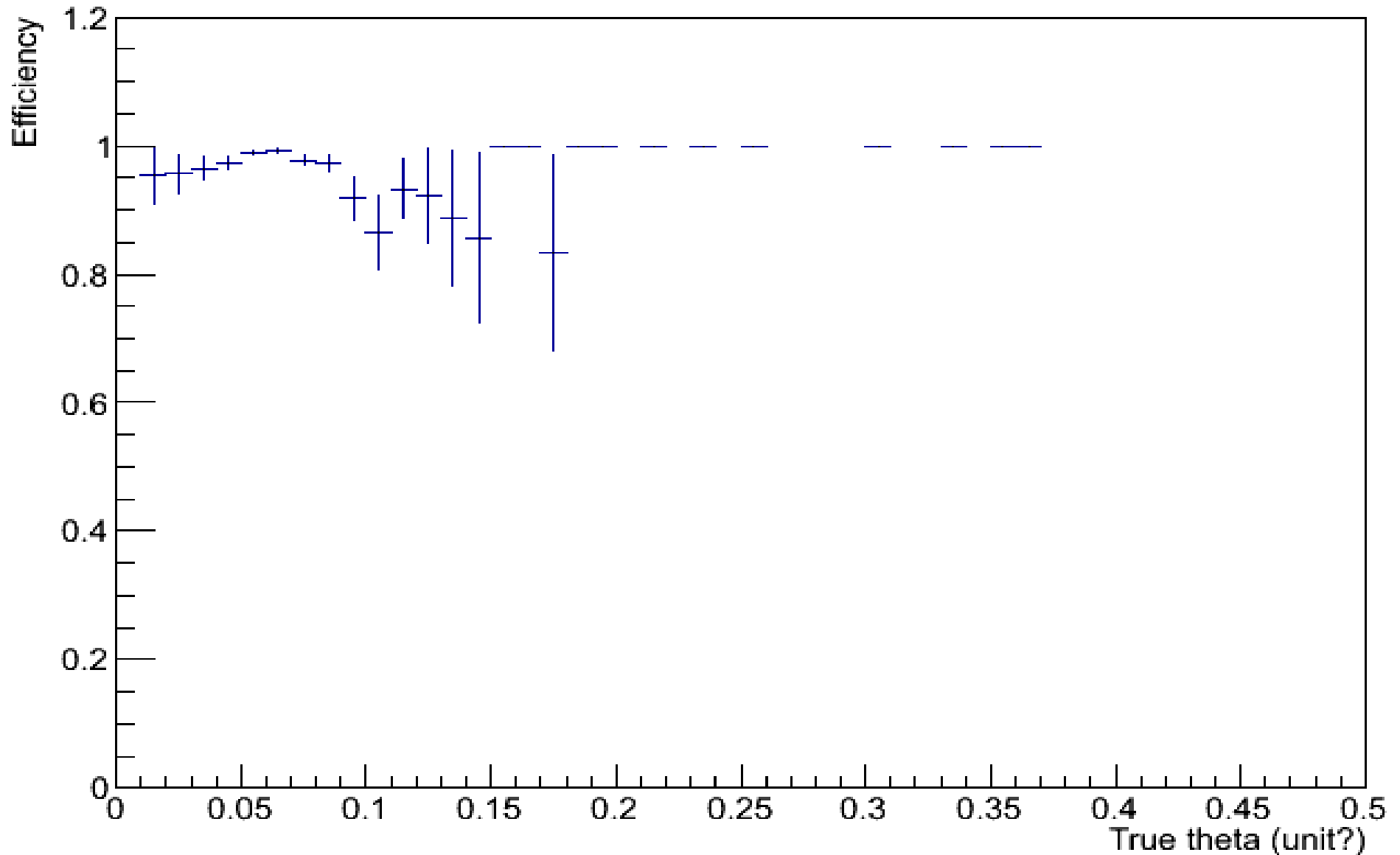
Question last week: True E vs Genie E (no selection)

E



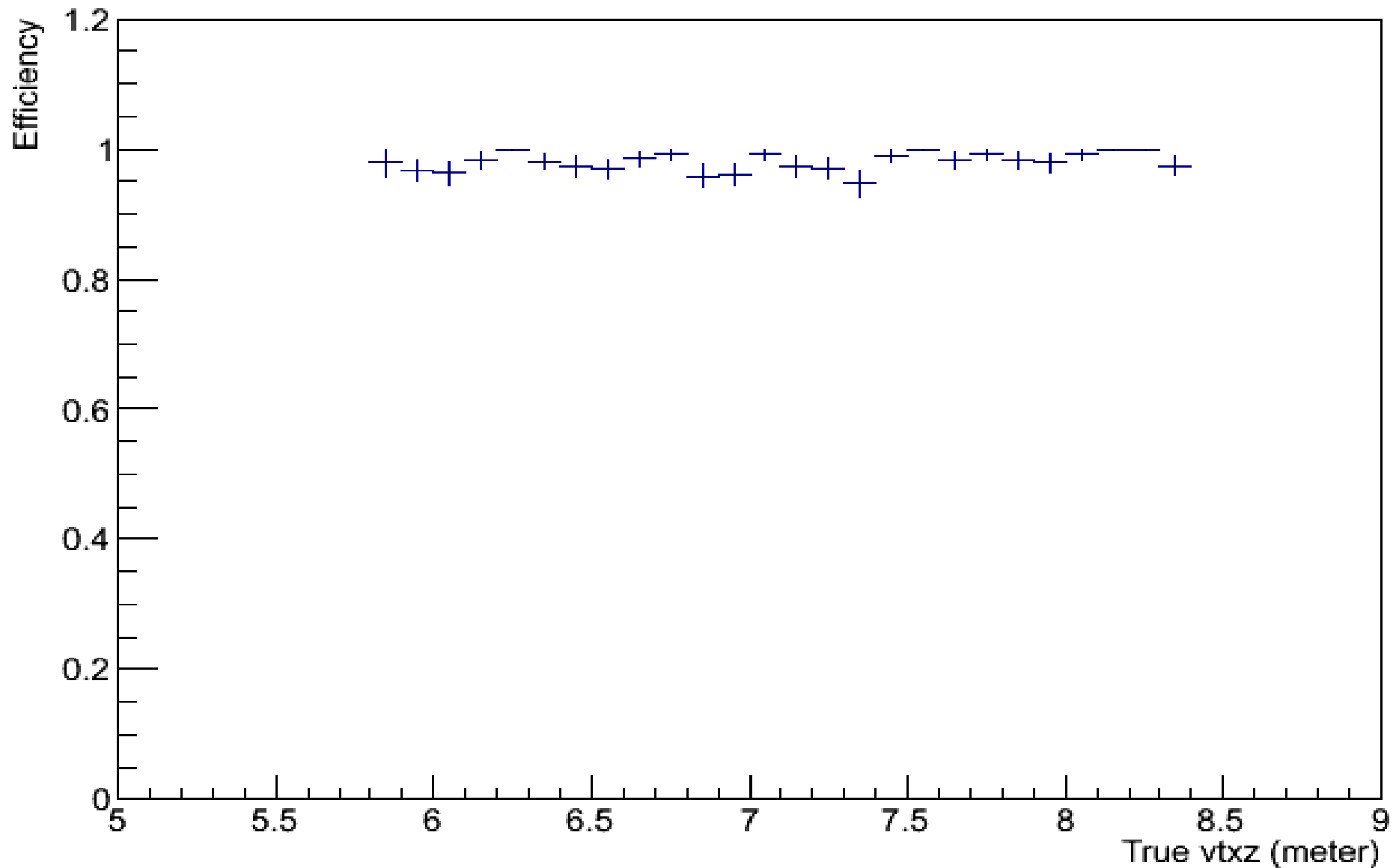
Efficiency vs truth theta

Electron reconstruction efficiency



Efficiency vs truth vertex z

Electron reconstruction efficiency



Question: EMShower variables

https://cdcvs.fnal.gov/redmine/projects/minerva-sw/wiki/EMShower_ntuple_variables

package: EMShower; Header; Truth; Meta
(same variables in EMShower and Truth, have different information)

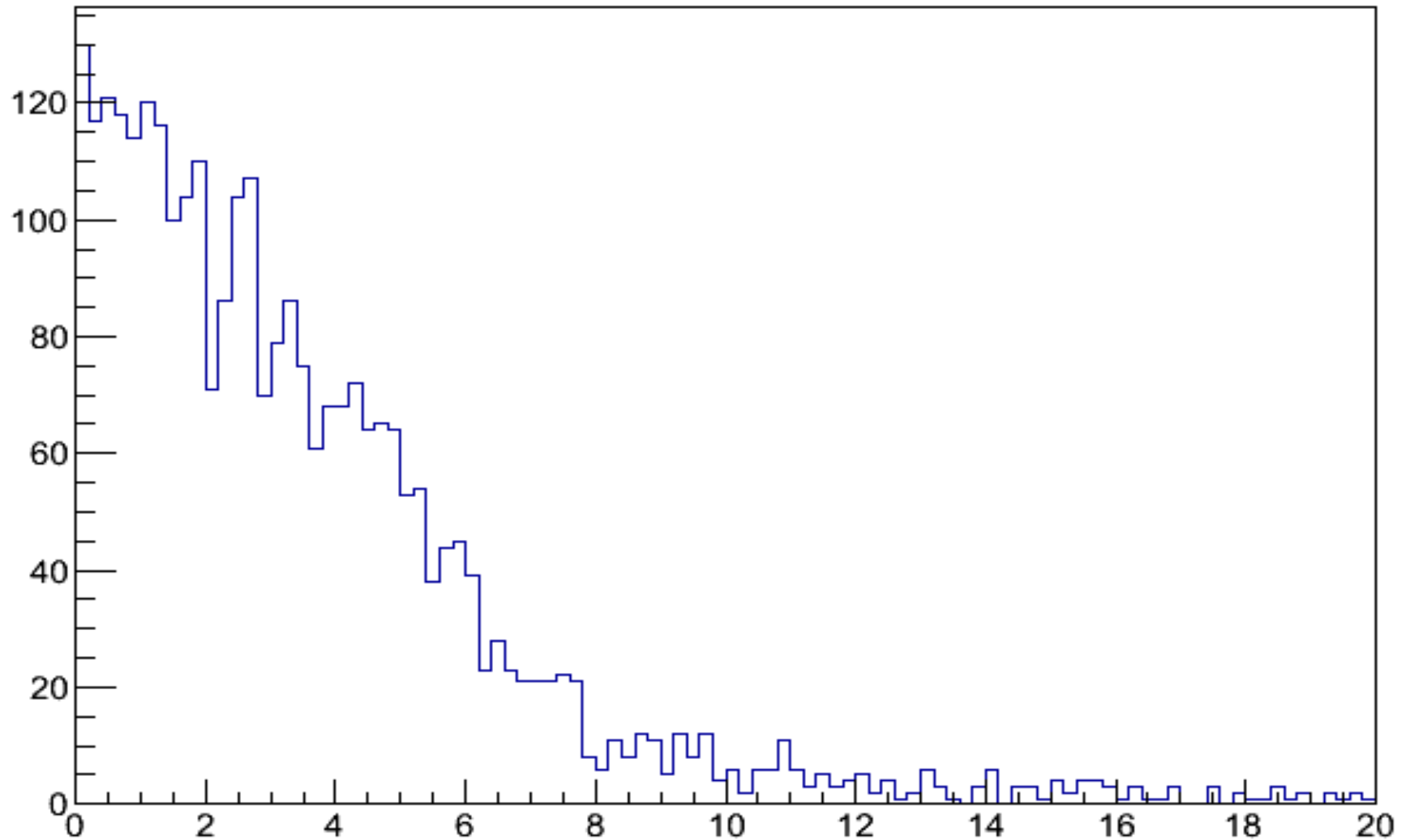
Variable Name difference: e.g. true_vtx_x and truth_vtx_x

Some variables I didn't find them in EMShower. Marked as "*" in the table

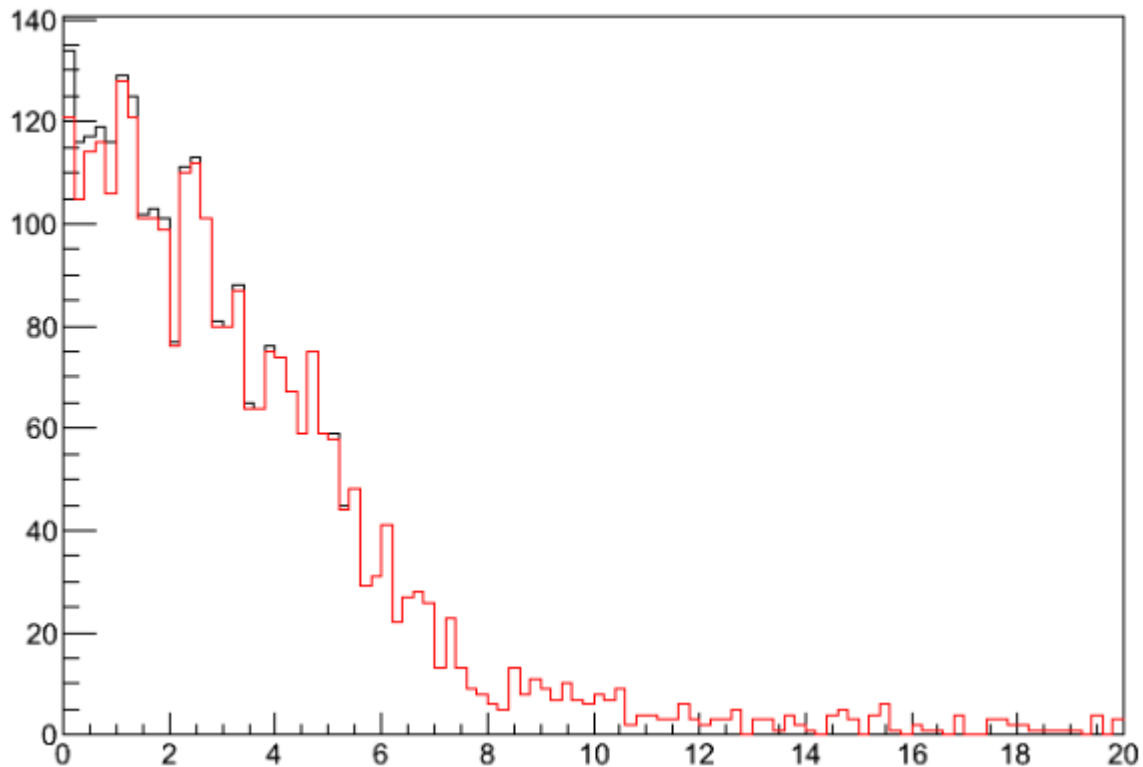
reco_vtx_z is vtx_z ?

Reconstructed Fiducial E plot

RecoE_s



Question: difference between recoE_s and truth_E with eff_cut?

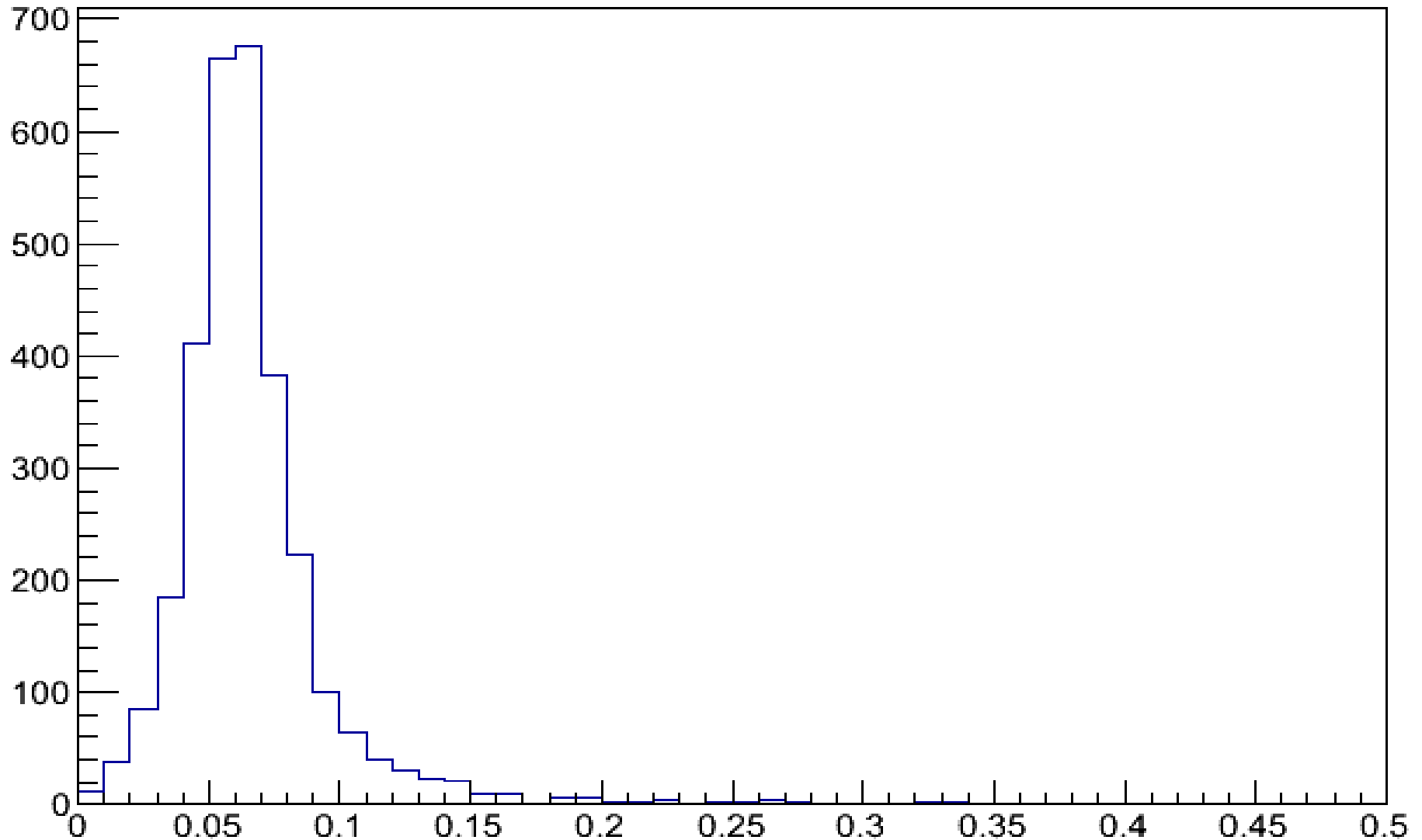


Red line:

```
truth_fiducial_evt==1 &&  
recoStatus!=0 &&  
outsideConeE_frac<0.05 &&  
outsideConeE<300
```

Reconstructed Fiducial Theta

Reco theta



Reconstructed Fiducial Vertex Z

vtx_z

