



Towards calorimetry review: a SciGlass update

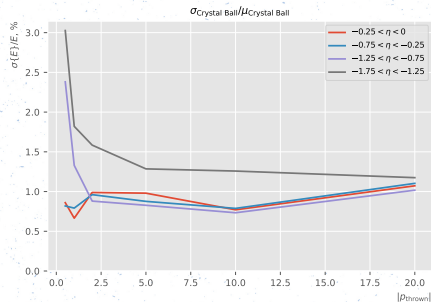
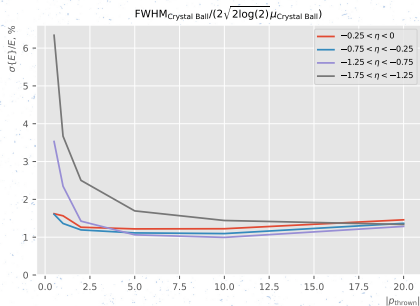
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Electron energy resolution: Rapidity dependence

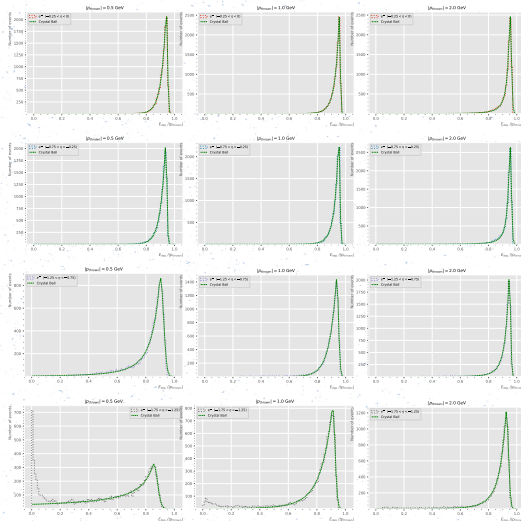
Electron energy resolution: η dependence



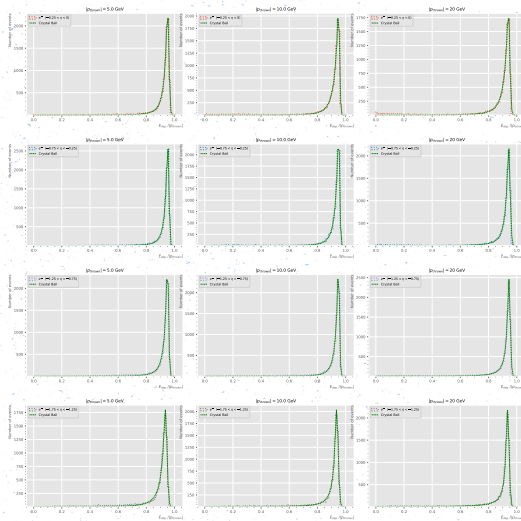
Electron energy resolution fits 0.1 – 0.2 GeV

Not included

Electron energy resolution fits 0.5 – 2 GeV

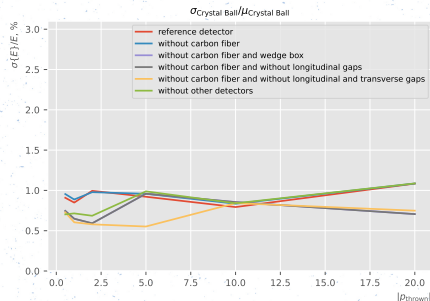
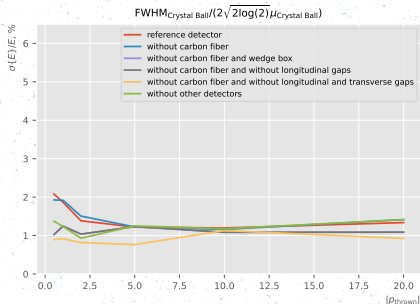


Electron energy resolution fits 5 – 20 GeV



Electron energy resolution: Geometry dependence

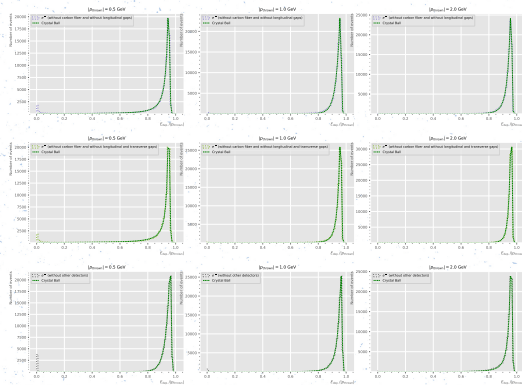
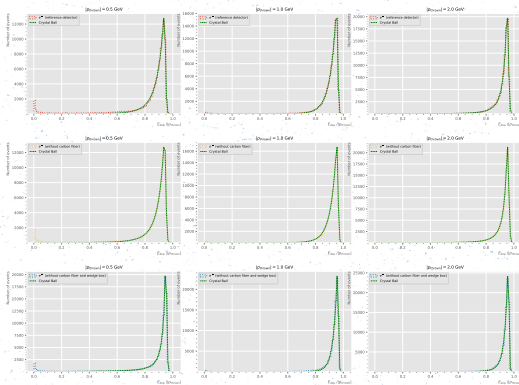
Electron energy resolution: Geometry dependence



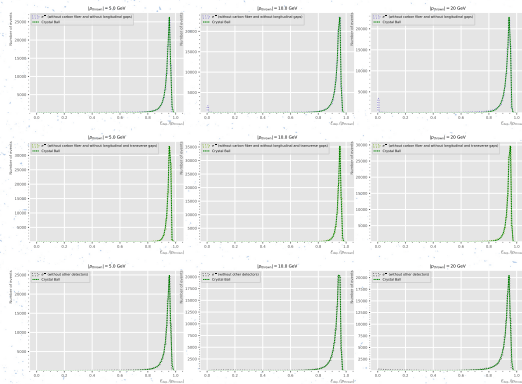
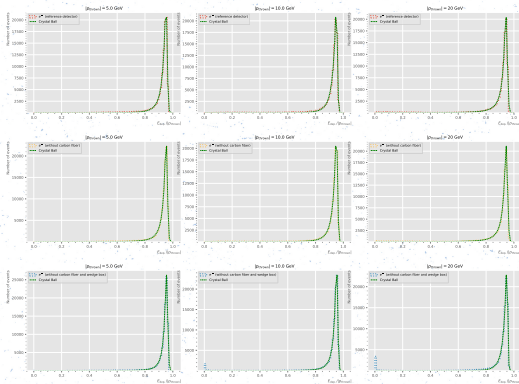
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Electron energy resolution fits 5 – 20 GeV



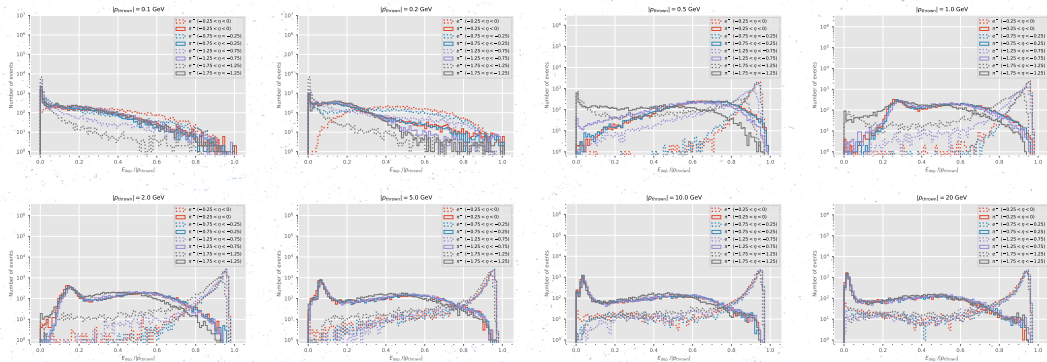
Pion rejection: Rapidity dependence



Goal

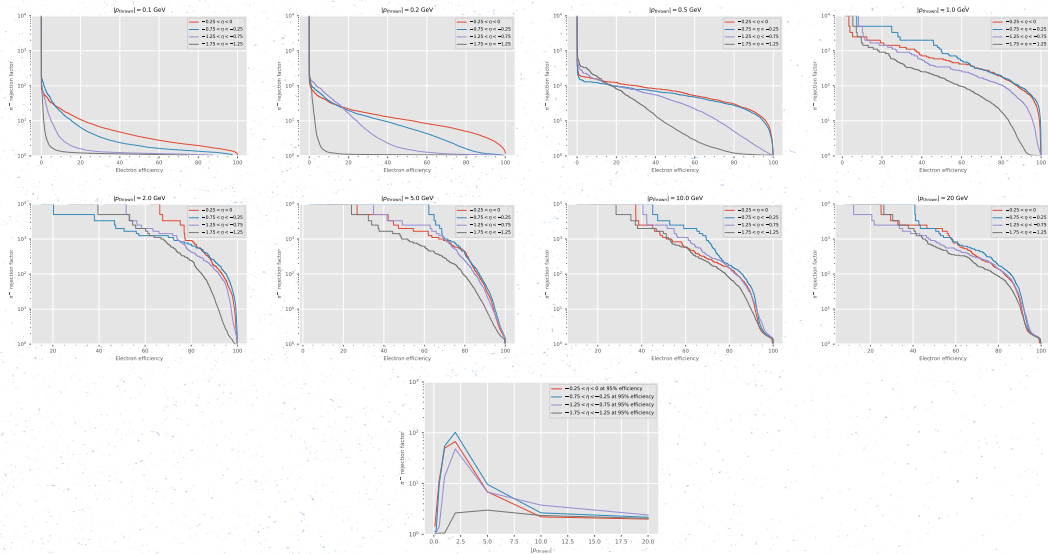
Determine rapidity dependence of the observables, as described in the calorimeter review charge.

Pion rejection: E/p spectra

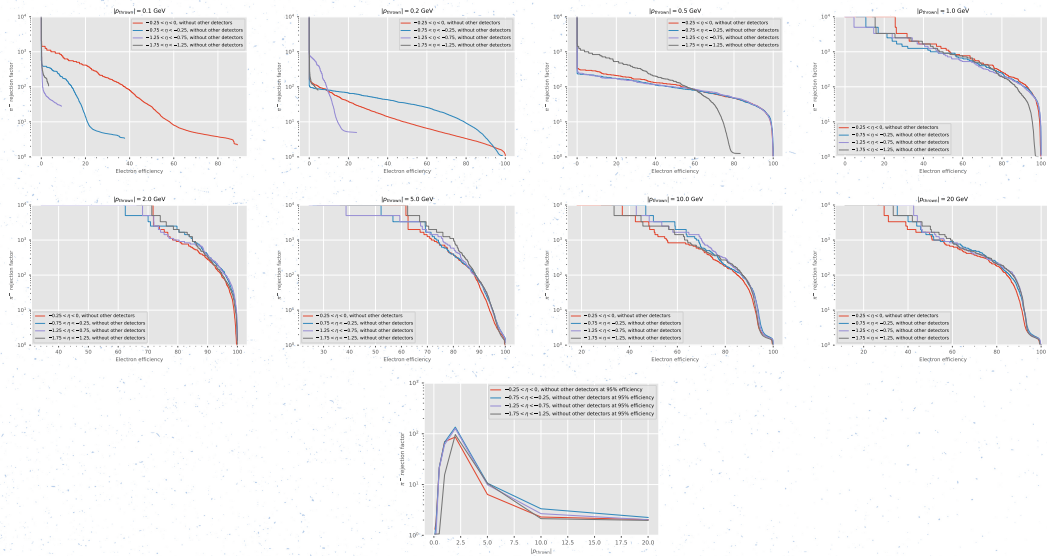




Pion rejection: η dependence



Pion rejection: η dependence (w/o other detectors)



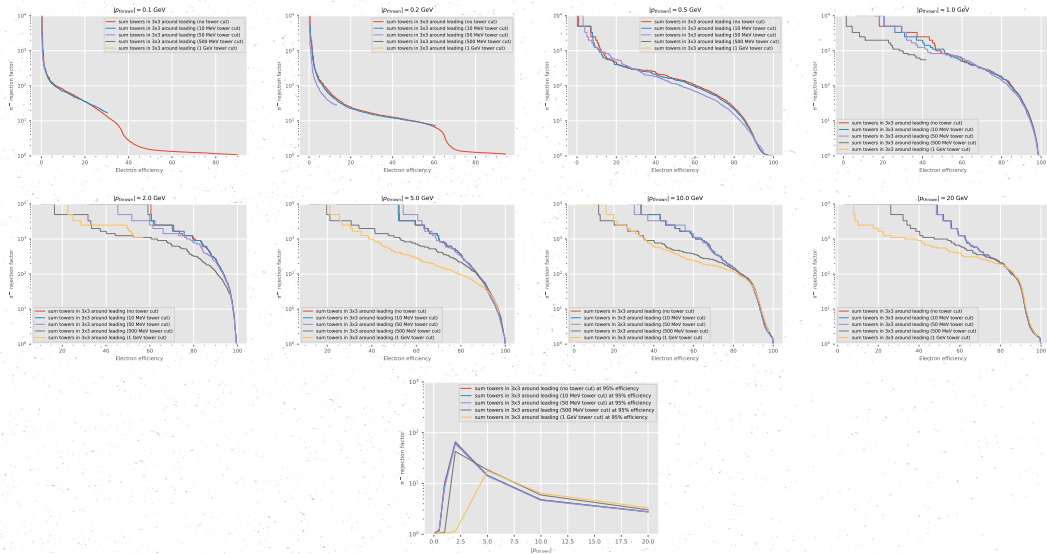
Tower energy cut dependence



Goal

Determine whether there is any effect of tower threshold cut on the pion rejection.

Pion rejection: tower energy cut (E/p classifier)



Pion rejection: tower energy cut (ML classifier)

