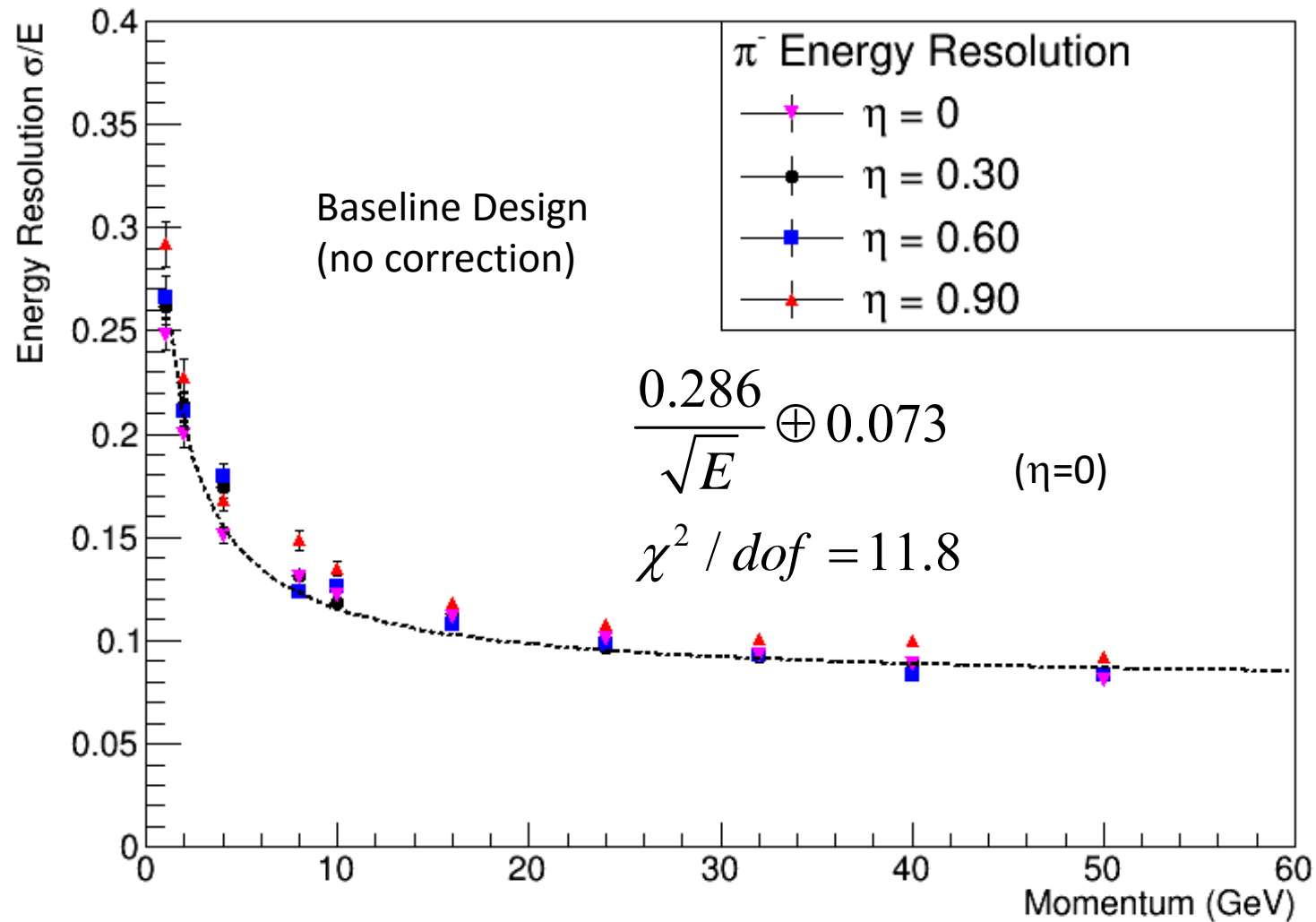


# Energy Resolution (I)

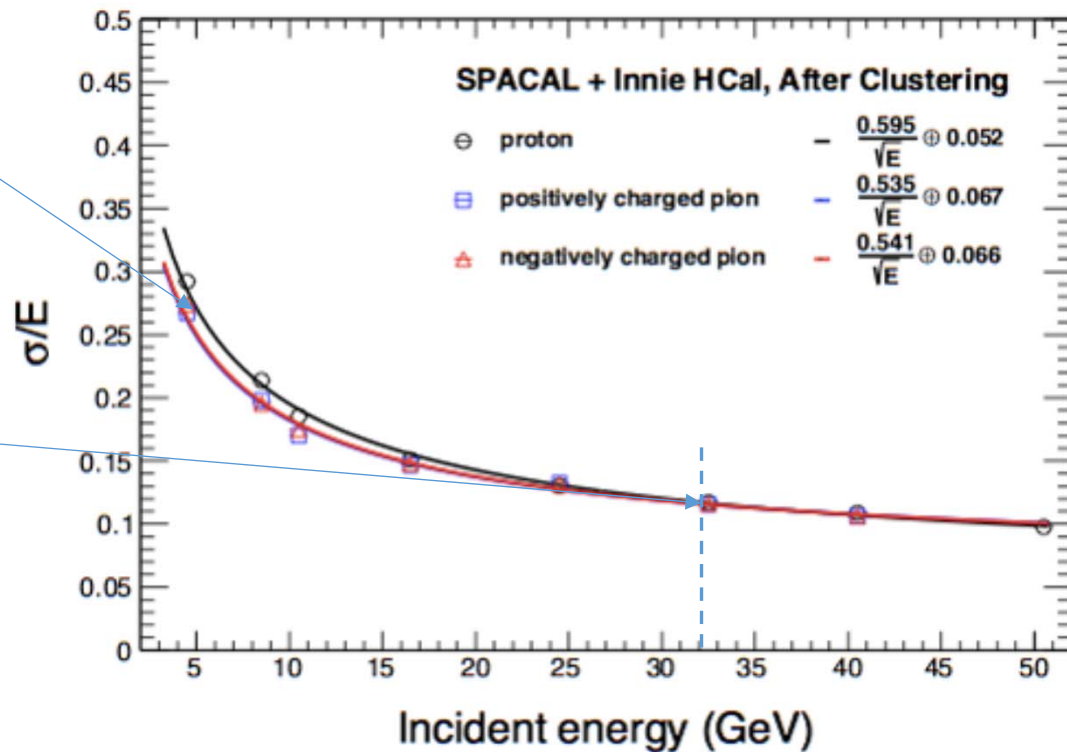


# Is the energy resolution different from the proposal?

From the sPHENIX proposal fig 3.17 (includes clustering)

Worse resolution at low energy than current simulations.

About 14% at 32GeV: a little higher than current simulations.

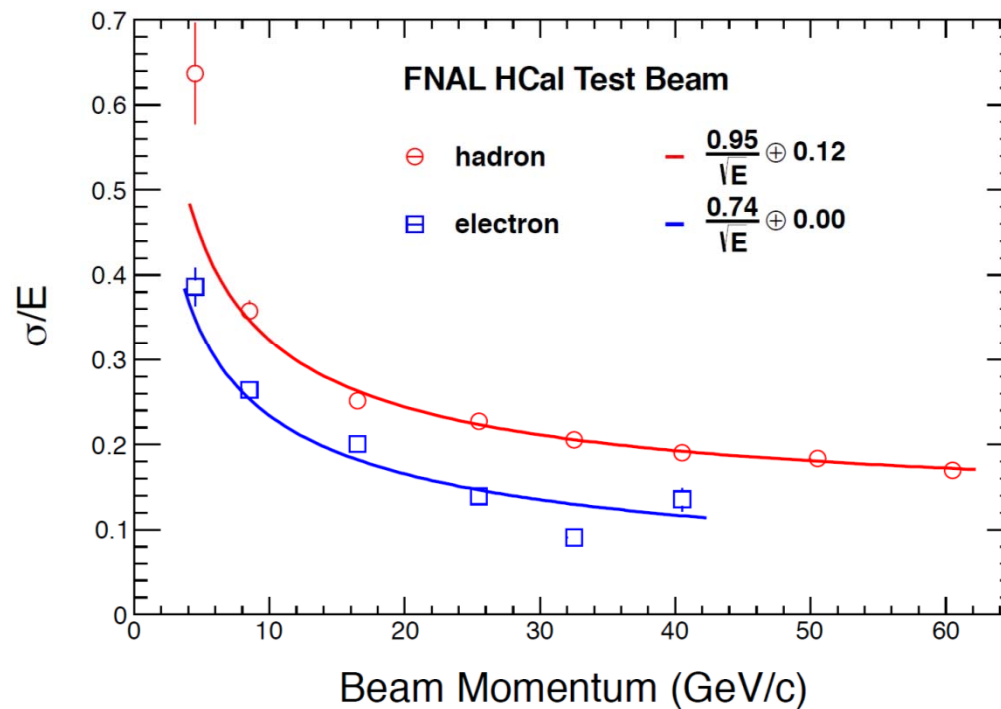


# How does the energy resolution compare with the test beam?

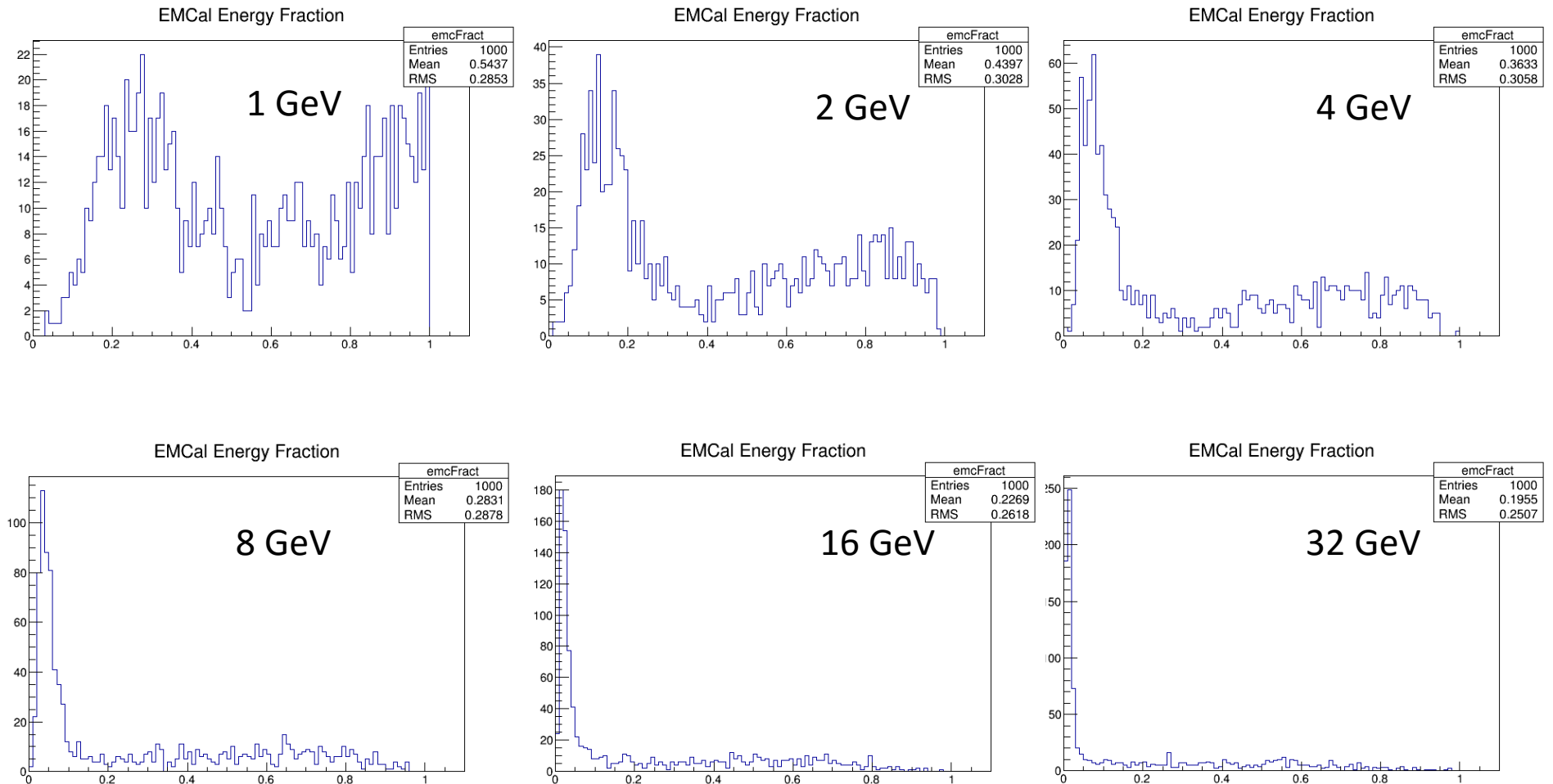
NOTE: The test beam did *\*not\** include the EMCal, for low energy hadrons a sizable fraction of the energy is deposited in the EMCal.



Apples and oranges comparison....



# Fraction of Energy in EMCal ( $\pi^-$ , $\eta=0$ )



# Energy Resolution (1.5)

