

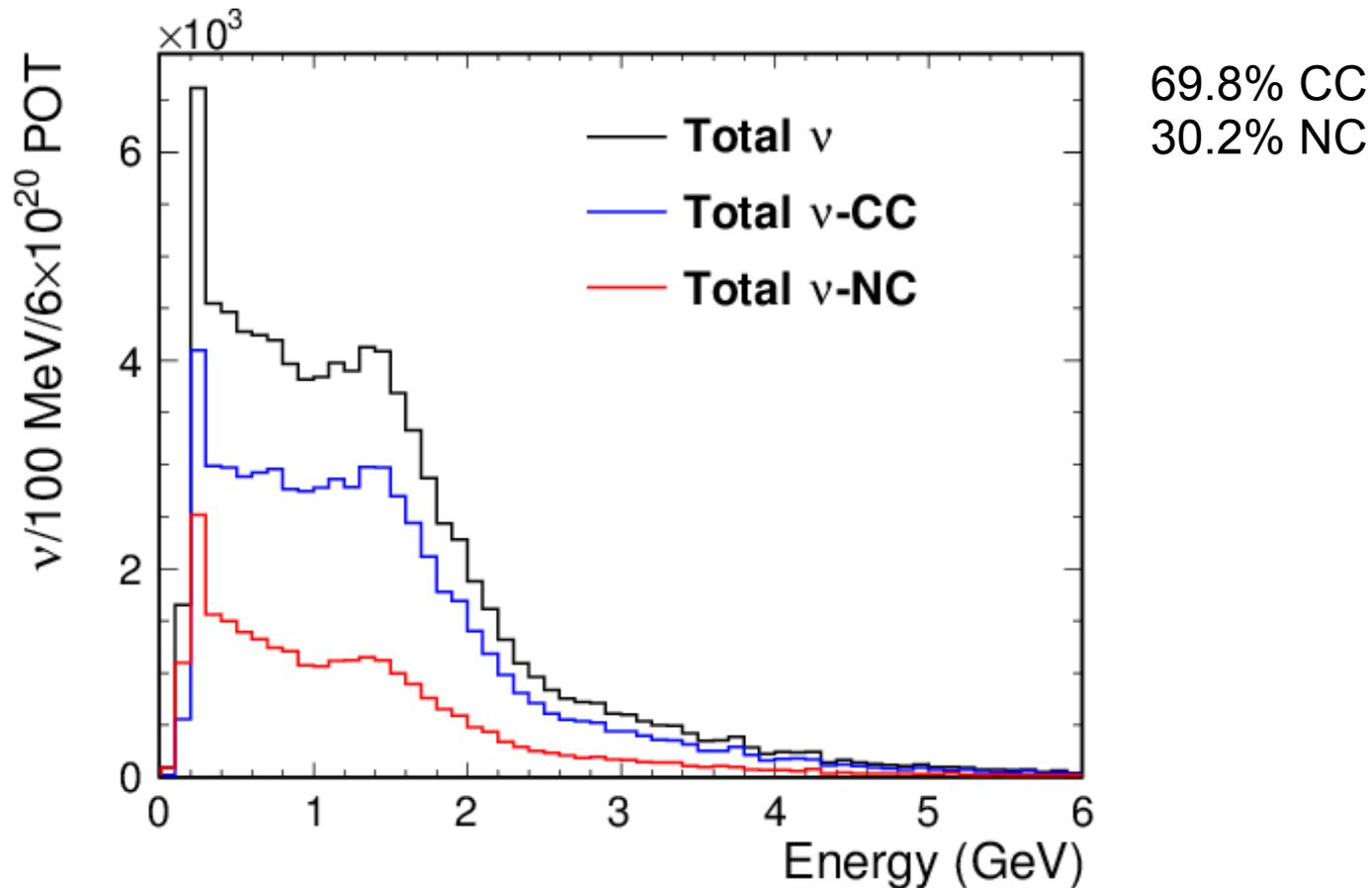
# NuMI Flux at MicroBooNE

Used the recent MC production run from Tia Miceli.

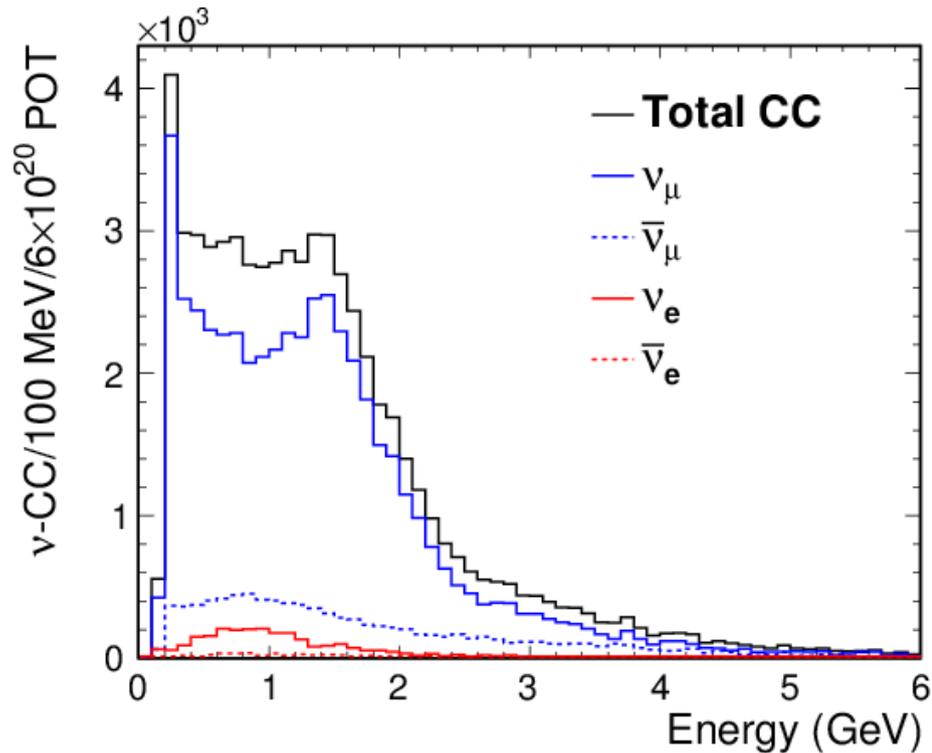
1000 files with 100 events each.

Total of  $\sim 6e20$  POT.

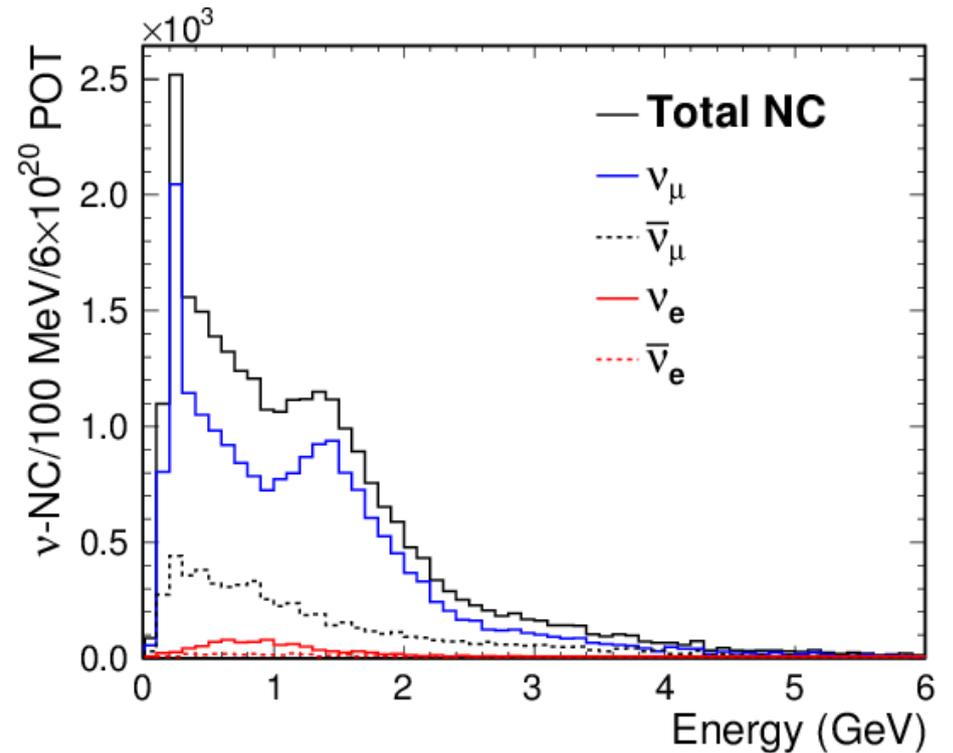
Counting neutrino interactions in Microboone fiducial volume.



# Event Rate by Flavor

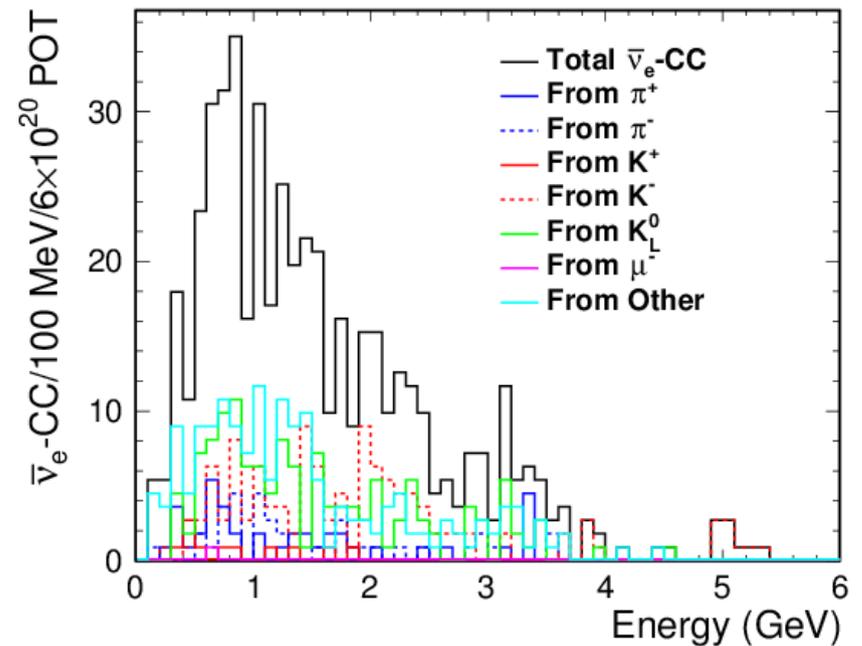
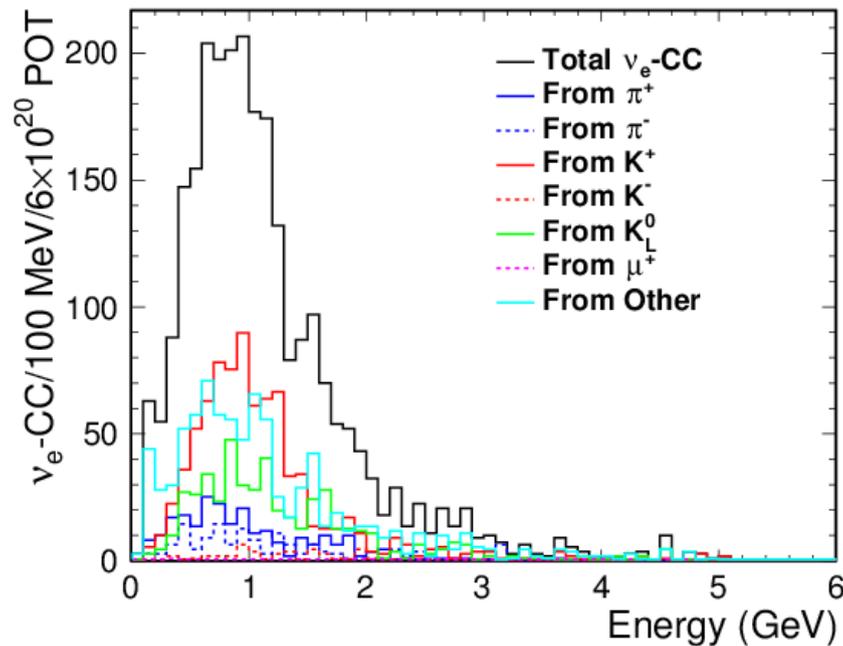
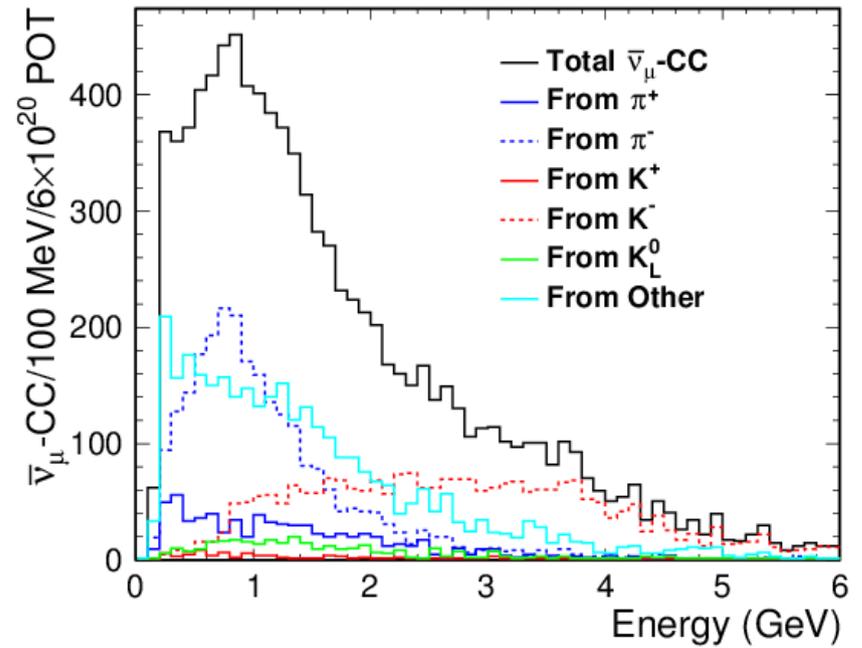
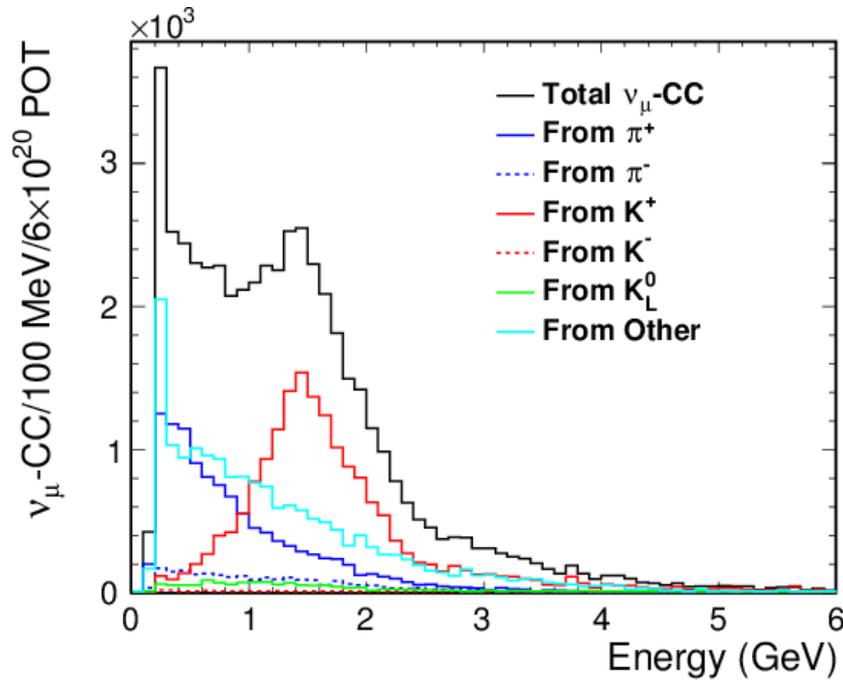


80.2% NuMu  
14.9% Anti-NuMu  
4.1% Nue  
0.8% Anti-Nue

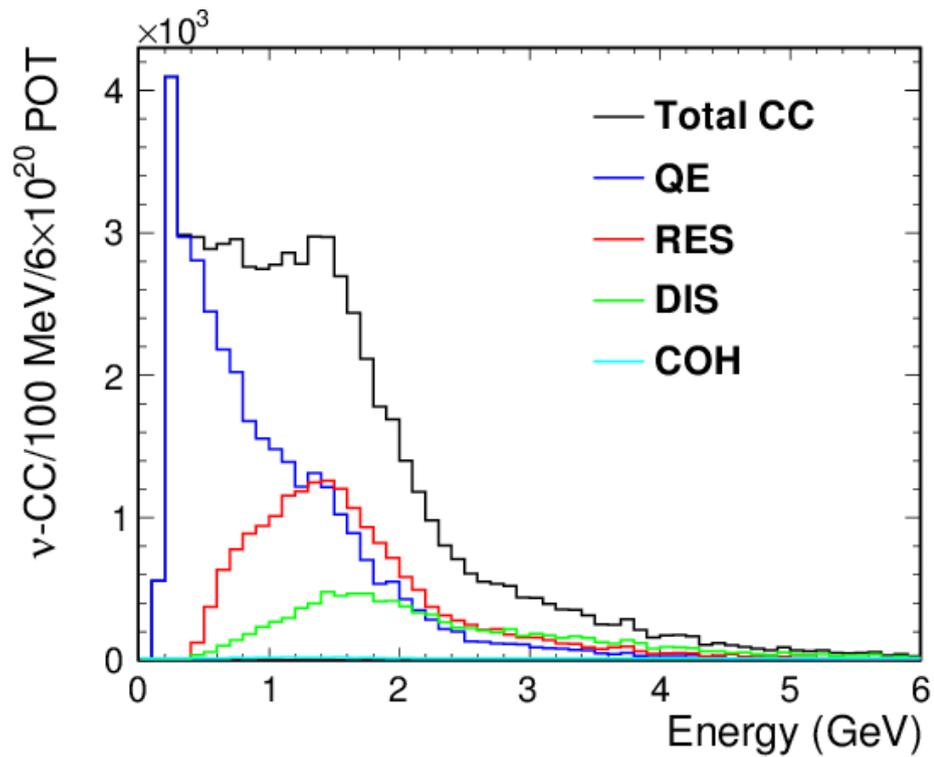


73.3% NuMu  
22.1% Anti-NuMu  
3.5% Nue  
1.1% Anti-Nue

# CC Event Rate by Parent



# Event Rate by Interaction Type



53.8% QE  
30.2% RES  
15.4% DIS  
0.6% COH

# CCQE Event Rate by Parent

