

Efficiency curve (2010.7.13)

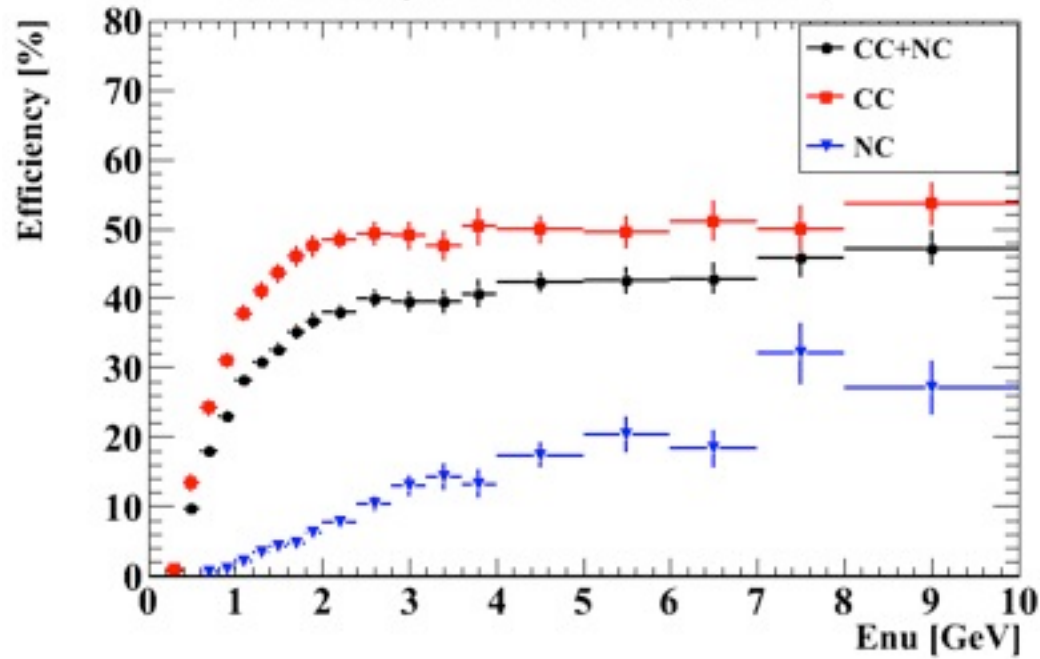
- Jnubeam 10ab
- NEUT
 - # of interaction is $8e4$ entry / 7 modules
 - Statistic is low yet.
- INGRID MC (GEANT4, not ND280 package)
- Use only MC samples of horizontal modules.

Efficiency

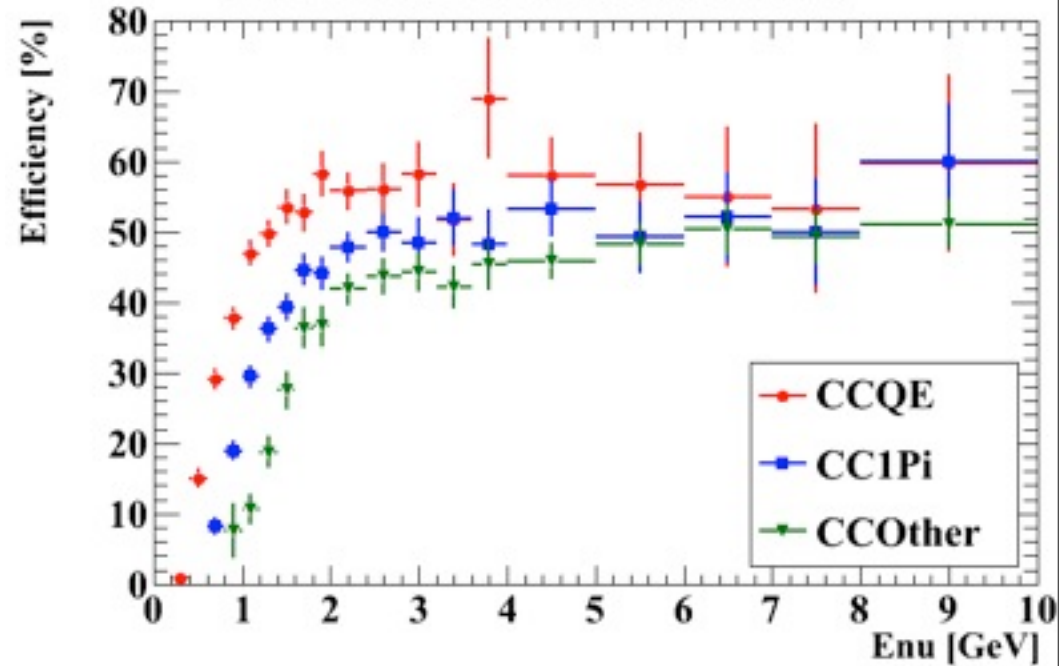
- $\text{Efficiency}(E) = N^{\text{intmode}}_{\text{obs}}(E) / N^{\text{intmode}}_{\text{int}}(E)$
 - $N^{\text{intmode}}_{\text{obs}}$: # of observations at each interaction mode
 - $N^{\text{all}}_{\text{int}}$: # of interactions at each interaction mode

numu

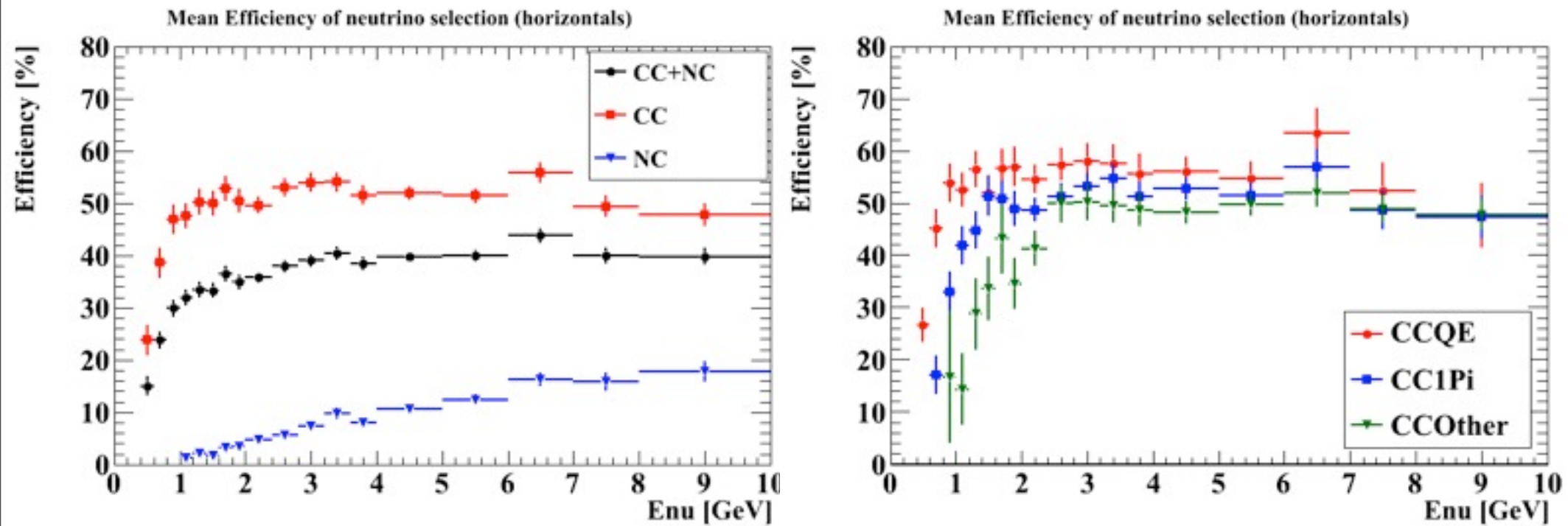
Mean Efficiency of neutrino selection (horizontal)



Mean Efficiency of neutrino selection (horizontal)

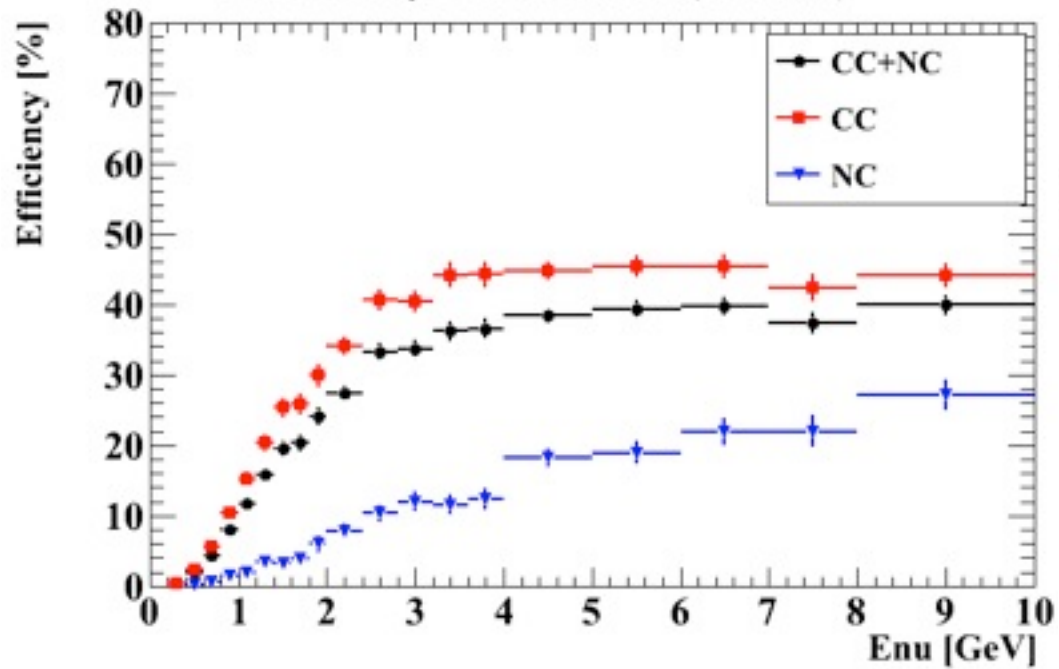


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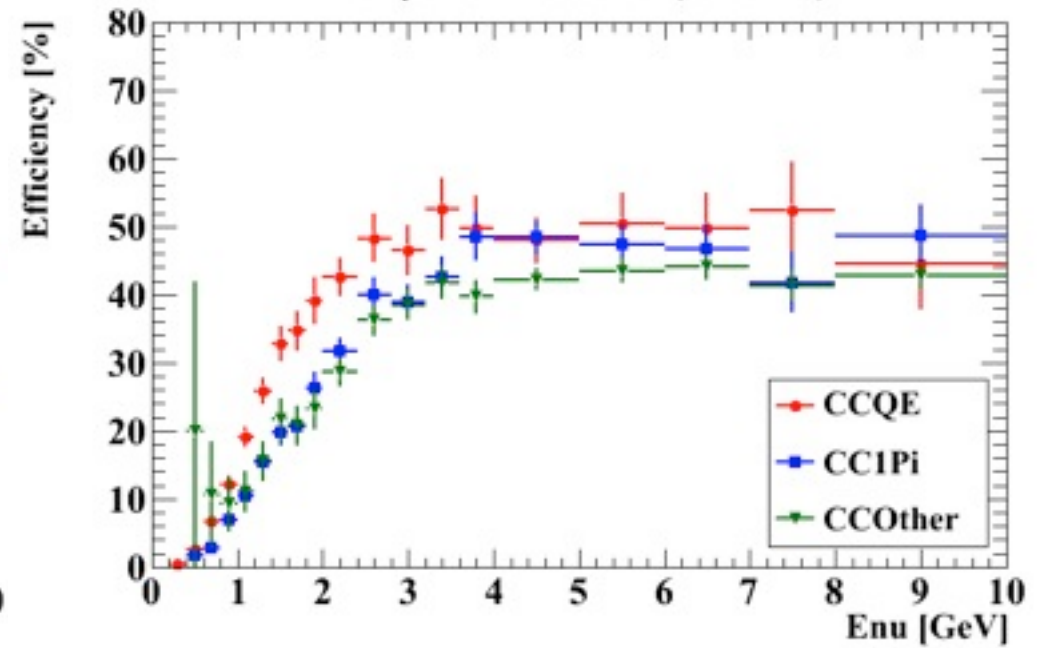


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Mean Efficiency of neutrino selection (horizontal)



Mean Efficiency of neutrino selection (horizontal)



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