## Inclusive neutrino cross section measurements at MINERvA

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### **‡Fermilab**

# Physics Goals

Measure charged and neutral current event ratios
Provide more precise cross section measurements
Measure x-dependence of nuclear effects
Contribute to world effort to extract x-, Q<sup>2</sup>- dependence of nuclear parton distribution functions
Measure final state multiplicities
Measure hadronic energy Each as a function of the interaction nucleus

# Scintillator Modules

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