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Recent Results from MINERvA

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Neutrino cross sections are important both as a key component of neutrino oscillation experiments and as a way to study the axial and vector response in nuclear systems. MINERvA is a neutrino cross section experiment that has been taking data at Fermilab since 2009. The beam energy is well-matched to existing oscillation experiments such as MINOS/MINOS+ and NOvA and planned experiments such as DUNE. The experiment has the unique capability to measure cross sections simultaneously with hydrocarbon, iron, and lead targets. Numerous publications have provided new data for neutrino and antineutrino interactions in these targets including quasielastic, pion production, and inclusive processes. This talk will present a series of recent measurements, their relationship to oscillation experiments and to nuclear physics.