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Status of Dimuon Analysis in the MINOS Near Detector AZIZUR RAHAMAN, JIAJIE LING, SANJIB MISHRA, University of South Carolina, MINOS COLLABORATION — We present the status of neutrino induced dimuon events in the MINOS Near Detector (ND). The ND has 3.2M identified $\nu_\mu$-CC events with an identified single negative muon with an average neutrino energy ($E_\nu$) of 10.5 GeV. The dimuon analysis focuses on the neutrino charm-production where the charmed hadron decays into a positive-muon. Estimates of signal (charm) efficiency and background, and sensitivity to physics parameters such as strange quark distribution and the mass parameter of the charm quark will be presented.

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