

Abstract Submitted
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Prospect of Dimuon Analysis at the MINOS Near Detector AZ-IZUR RAHAMAN, SANJIB MISHRA, University of South Carolina, MINOS COLLABORATION — We present the prospect for a dimuon analysis in the MINOS Near Detector. A sample of about 10M muon-neutrino charged current events has been accumulated with the MINOS Near Detector. The dimuon analysis focuses on neutrino charm-production where the charmed hadron decays into a positive-muon. The estimates of signal efficiency and background, and the sensitivity to physics parameters will be presented.

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