

The CTEQ Nuclear Parton Distribution Functions

Wednesday 27 August 2014 11:00 (25 minutes)

Nuclear parton distribution functions (nPDFs) are important for the comparison of experimental scattering results off different nuclear targets in the middle-to-high W kinematic regime. The latest CTEQ nPDF study now has a new set of these distributions along with their errors. A review of an earlier CTEQ nPDF study that found a difference in nPDFs from neutrino-A vs mu/e-A scattering will also be presented for discussion.

WG3: Accelerator Physics (Yes/No)

No

WG2: Neutrino Scattering Physics (Yes/No)

Yes

WG4: Muon Physics (Yes/No)

No

WG1: Neutrino Oscillation Physics (Yes/No)

No

Type of presentation

Oral presentation

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Session Classification: WG2: Neutrino Scattering Physics