

An overview of the neutrino interaction cross-section measurements in the T2K experiment

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In addition to its contributions to our understanding of neutrino oscillation parameters, the T2K long-baseline neutrino oscillation experiment has a complementary program of neutrino interaction cross-section measurements with its near detector complex. With multiple targets (carbon, water, argon, iron), and with on- and off-axis detectors which sample different neutrino spectra from the same beamline, T2K is able to investigate atomic number and energy dependent behavior in a single experiment.

This talk presents an overview of the T2K neutrino cross sections, focusing on the latest results.

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