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## T2K latest results on neutrino-nucleus cross sections

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A detailed understanding of neutrino( $\nu$ )-nucleus interactions is essential for the precise measurement of neutrino oscillations at long baseline experiments, such as T2K. The T2K near detector complex, designed to constrain the T2K flux and cross section models, also provides a complementary program of neutrino interaction cross-section measurements. Through the use of multiple target materials (carbon, water, argon, iron, lead), and the ability to sample different neutrino spectra (with detectors located on- and off-axis with respect to the flux), T2K is able to investigate atomic number and energy dependence of interaction cross sections in single experiment. An overview of the T2K measurement strategy, adopted to reduce the model dependence, and the most recent results will be presented.

### Collaboration name

T2K

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