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Exploring multinucleon-knockout effects in NuWro Monte Carlo generator

Friday, 21 June 2024 17:30 (2 hours)

The NuWro Monte Carlo generator has been improved by taking into account the results of theoretical calculations for MEC from the work of J.E. Sobczyk, J. Nieves, F. Sanchez [Phys.Rev.C 102 (2020) 024601]. MEC events lead to the ejection of two or three correlated nucleons. These correlations are simulated using latent parameters. Predictions after the FSI from NuWro are compared to experimental results for proton observables obtained by experimental collaborations T2K and MINERvA.

Poster prize

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