

Model Independent test for T-violation with T2HK and DUNE

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We studied the Time reversal symmetry violation in a model-independent way for the long baseline experiments T2HK and DUNE. The theoretical framework allows us to find the energy bins that provide sensitivity for T-violation test. We then perform extensive numerical simulations on the appearance probabilities to testify our theoretical calculations. The measurement accuracy at the near detector and the better detector resolution significantly improve the χ^2 analysis.

Title of the Poster/Talk

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Related Papers/Preprints

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