

Latest (Anti-)Neutrino Oscillation Results from T2K

The T2K long-baseline neutrino oscillation experiment has been running in anti-neutrino mode since 2014 in order to perform an electron anti-neutrino appearance search, which is an essential step to a lepton CP-violation measurement, as well as a muon anti-neutrino disappearance measurement, which could be different from that of neutrinos if CPT symmetry is violated or unknown neutrino-matter interactions exist. Results with anti-neutrino data taken through summer 2015, analyzed in the three-flavour framework, will be presented along with the results from neutrino data to obtain world-leading measurements of δ_{CP} , θ_{23} and Δm_{32}^2 .

Summary

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