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P2.027 Sensitivity of atmospheric neutrino experiments to neutrino non-standard interactions

S Fukasawa and O Yasuda

Tokyo Metropolitan University, Japan

We study the sensitivity of atmospheric neutrino experiments to the neutrino non-standard interactions (NSI) which is motivated by the tension between the two mass squared differences extracted from the KamLAND and solar neutrino experiments. In this study the sensitivity of the future Hyper-Kamiokande experiments for 4438 days to NSI is shown.