

Abstract Submitted
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Neutrino-anti-neutrino analysis of atmospheric data JESUS ESCAMILLA¹, Vanderbilt University, DAVID LATIMER, University of Kentucky, DAVID ERNST, Vanderbilt University — To date all atmospheric neutrino oscillation data does not discriminate between neutrinos and anti-neutrinos. We investigate the possibility of performing an analysis using realistic hypothetical data that distinguishes neutrinos from anti-neutrinos. This allows us to examine in more detail the role of the MSW effect and CP violation. This will provide guidance for future possible experiments.

¹Membership Pending

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