v oscillations at low energy LBL experiments in the presence of NSI & parameter degeneracy

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Osamu Yasuda Tokyo Metropolitan University

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• Main issue: Can we determine (ε_D , ε_N) by long baseline accelerator experiments?

<u>**Result1</u>: P(v_{\mu} \rightarrow v_{e}) \& P(v_{\mu} \rightarrow v_{\mu}) at low</u>** energy (<1GeV) involve only (δ , ϵ_D , ϵ_N , ϵ_{1} , (ϵ_{1} := ϵ_{11} + ϵ_{22}).

Result2: T2HK+T2HKK can determine $(\delta, \varepsilon_D, \varepsilon_N, \varepsilon_I)$ if the experimental errors are small.



