Transition Probability with Rotating Field 1.0 8.0 A_1 =0.000035 $k_1 = 1$ $k_2 = 0.01$ 0.6 Probability 0.4 0.2 0.0 50000 100000 150 000 200 000 250 000 300 000 350 000 $\omega_m x$ A_2 =0.0083666 △ A_2 =0.03 Rabi Formula for $A_2=0$. ---- Rabi Formula for $A_2=0.0083666$ Rabi Formula for A_2 =0.02 — Rabi Formula for A_2 =0.03

Neutrino Oscillations with Matter Perturbation