

The interior structure of the Earth and its effect over neutrino oscillation at the Superkamiokande's energy region

A. Misaki¹ and N. Takahashi²

¹Advanced Research Institute for Science and Engineering, Waseda University

²Faculty of Science and Technology, Hirosaki University

Abstract. In this paper, we give (anti-)electron energy spectrum and (anti-) muon energy spectrum for different zenith angles and for energy regions in which Superkamiokande is interested, taking into account of the interior structure of the

Earth and examine the validities on the results obtained by Superkamiokande.

Correspondence to: BYD02703@nifty.ne.jp