
U02-15

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Anti-Neutrino Directionality with KamLAND

XU, Benda^{1*}

¹RCNS, Tohoku University

KamLAND holds its novelty in the observation of reactor anti-neutrino disappearance. After the great Tohoku earthquake in 2011, almost all nuclear power plants of Japan are closed for safety inspection. This Reactor-Off period offers a unique opportunity to study the directionality of anti-neutrinos from the earth and the remaining nuclear reactors with the liquid scintillator detector.

Keywords: neutrino