Status of the Project 8 Experiment

Tuesday, 5 May 2015 14:36 (18 minutes)

Project 8 is developing a new approach to the tritium-endpoint method of direct neutrino mass measurement. First results from a proof-of-principle system demonstrate the Cyclotron Radiation Emission Spectroscopy technique by measuring the conversion electron spectrum of krypton-83m. I will provide an overview of the technique and released results, as well as future prospects.

Primary author: Mr LAROQUE, Benjamin (UC Santa Barbara)Presenter: Mr LAROQUE, Benjamin (UC Santa Barbara)Session Classification: Accelerator-Based Neutrino

Track Classification: Accelerator-Based Neutrino Physics