

Experimental search for double beta decay of Zr-96 to excited states of Mo-96

Wednesday 1 November 2023 14:20 (15 minutes)

The report is devoted to the ongoing experiment of the JINR DLNP which is dedicated to the study of double beta decay of the Zr-96 isotope and the experimental detection of the decay mode to excited states of Mo-96. It covers the description of the experimental setup, results of the Monte-Carlo modeling of experiment in Geant4 and preliminary analysis of future prospects

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Session Classification: Experimental Nuclear Physics

Track Classification: Experimental Nuclear Physics