

Calculation and measurement of Ce-Pr-144 beta spectrum

Monday, 2 October 2017 15:10 (170)

We calculate beta spectrum of ^{144}Ce - ^{144}Pr source taking into account several types of corrections. The result is compared with the experimental data obtained at NRC "Kurchatov Institute". Based on this comparison, we estimate the reliability of theoretical calculations for electron and antineutrino spectra from beta decay.

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Session Classification : Poster session and coffee&reception