

INVESTIGATION OF SIMULTANEOUS EMISSION OF TWO K-ELECTRONS FROM ^{123m}Te NUCLEI

I. N. Vishnevsky, V. A. Zheltonozhsky, N. V. Strilchuk, S. S. Drapey

Measurements of probability of simultaneous emission of two K-electrons at internal conversion of γ -transition with energy 88.5 keV in ^{123m}Te decay have been carried out. As a result of measurements it was obtained that $P_{KK} = (6.6 \pm 0.7) \cdot 10^{-4}$. It has been shown that direct electron interaction is the main mechanism.