

Comparison of Methods for Analysis of Radioxenon Beta-Gamma Coincidence Spectra Using MIKS Data

> N.A. Sidorov, M.S. Orlov, D.E. Ergashev, Yu.D. Arapov, and O.V. Tkachev Dukhov Automatics Research Institute (VNIIA)



- There are several different approaches for estimating radioxenon activity by analyzing beta-gamma coincidence spectra.
- It is necessary to compare methods for obtaining more stable and accurate results, especially in the case of poor statistics.
- The most important and general approaches to activity estimates based on beta-gamma spectrum data were considered.
- Some calculations were carried out on the MIKS data using various methods.

