

MODERNIZATION OF MULTICHANNEL GAMMA-RAY SPECTROMETER AT THE SECOND HORIZONTAL CHANNEL OF REACTOR WWR-M

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Fast anti coincidence scheme with one privileged entrance has been developed, made and adjusted for underestimation of background distribution under full absorption peaks of gamma-ray by transformation one track of multichannel pair gamma-ray spectrometer into anticompton spectrometer. Obtained suppression factor of background is from 1,5 to 4, depending on gamma-ray energy.