

## MEASUREMENTS OF PHOTOFISSION PRODUCTS OF $^{232}\text{Th}$

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Our research group fulfilled measurements of relative output fragments activities of  $^{232}\text{Th}$  photofission by  $\gamma$ -quanta with boundary energies 22 MeV. As the results of experiments, in spectra activities of isomeric pairs  $^{117\text{m,g}}\text{In}$ ,  $^{135\text{m,g}}\text{Xe}$  and feeding radionuclide were discovered. At first these researches allow to measure quantities of  $\sigma_{\text{m}}/\sigma_{\text{g}}$  for these fragments, which were founded equal for  $^{117}\text{In}$   $\sigma_{\text{m}}/\sigma_{\text{g}} = 1,3 \pm 0,4$  and for  $^{135}\text{Xe}$   $\sigma_{\text{m}}/\sigma_{\text{g}} = 0,66 \pm 0,09$ . We define quantities of medium angular moments for  $^{117}\text{In}$   $\bar{J} = 7,5$  and for  $^{135}\text{Xe}$   $\bar{J} = 4,5$ .