ISOMERIC YIELDS RATIOS OF ^{238}U PHOTOFISSION FRAGMENTS AT END-POINT ENERGY OF BREMMSSTRAHLUNG PHOTONS ABOUT 18 MeV

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Investigation of ^{238}U photofission fragments has been used in $(\gamma, f) + (\gamma, n f) + (\gamma, 2n f)$ reactions at end-point energy of bremmsstrahlung photons about 18 MeV. The irradiations were done on the M-30 microtron of the Laboratory of Photonuclear Reactions at IEP, Uzhgorod. The gamma-spectra of the reaction products were measured by the semiconductor spectrometers based on HPGe-detectors. Isomeric yields ratios have been defined for isomeric pars of the heavy nuclides shown in the table.

Analysis obtained data is transacted.

Nuclide	^{238}U
^{131}Te	0.93(9)
^{132}Sb	3(1)
^{134}I	0.36(4)
^{135}Xe	0.069(7)
^{84}Br	0.40(4)
^{90}Rb	1.0(2)
^{95}Nb	0.67(7)
^{130}Sb	1.4(3)
^{133}Te	1.29(12)
^{133}Xe	1.7(5)