

# Yields of p, d, t formed in stopped pion absorption by intranuclear clusters

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Results on the measurement of the spectra of p, d, t formed in the reaction of stopped pion absorption by atomic nuclei from the wide mass number range ( $6 < A < 209$ ) are presented. Phenomenological model developed by us [1, 2] had allowed to calculate contributions of cluster absorption, preequilibrium and evaporation processes in the particle formation. A-dependences of primary particles formed in the cluster absorption process are obtained. Analytical expressions are developed that allow to describe A-dependences successfully in the investigated mass number range.

1. L.Yu.Korotkova et al. // Bull. of RAS.: Phys. 2012. V. 76. P. 446.
2. Yu.B.Gurov et al. // Bull. of RAS.: Phys. 2013. V. 77. P. 415.

## Presentation type

Section talk (10+5 min)

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