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## FLUKA and GEANT4 simulations for studying the production of ${}^6\text{He}$

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In this paper the experimental results and simulation results of the production of the exotic  ${}^6\text{He}$  nuclei with the use of the 22 MeV electron beam provided by the MT-25 microtron are presented.

This method for obtaining  ${}^6\text{He}$  nuclei may turn out to be one of the most optimal and inexpensive as compared with other methods, which are used for the production of exotic nuclei.

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