

## **8. $\alpha + t$ THREE-BODY REACTIONS AND EXCITED LEVELS OF THE LIGHTEST NUCLEI**

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The three-body reactions from interaction alpha-particle with energy 67.2 MeV and tritium were investigated in kinematically-complete experiment. The excitation energies and energy widths of some unbound levels of nuclei  ${}^4\text{H}$ ,  ${}^5\text{He}$  and  ${}^6\text{Li}$  were determined using of sequential decay model.