## ABOUT THE EVIDENCE FOR HIGH EXCITED LEVELS OF $^5{\rm Li}$ ABOVE THE $\rm t+2p$ THRESHOLD IN THE $^3{\rm He}(\alpha,{\rm dt})^2{\rm He}$ REACTION

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## Summary

In the dt-coincidence matrix obtained due to the  $\alpha+$ t interaction at an  $\alpha$ -particle's beam energy of 67.2 MeV, a locus of the three-particle  $^3{\rm He}(\alpha,{\rm dt})^2{\rm He}$  reaction is observed. The atoms  $^3{\rm He}$  generated as a result of the  $\beta$ -decay of  $^3{\rm H}$  were accumulated in a titanium target. At the energy of excitation above the threshold of decay of  $^5{\rm Li}$  into t+2p (18.2 MeV), two excited levels with parameters  $E_1^*=19.67\pm0.18$  MeV;  $\Gamma_1=0.92\pm0.71$  MeV and  $E_2^*=20.43\pm0.14$  MeV;  $\Gamma_2=0.16\pm0.14$  MeV are observed.