

VARIATION OF THE SOURCE VELOCITY IN COLLISIONS OF 2.1 GeV PROTONS WITH GOLD TARGET

Wednesday 3 July 2024 11:00 (10 minutes)

In the present work the source characteristics of multifragmentation are investigated for the p+Au collisions at 2.1 GeV. Beam of 2.1 GeV protons were obtained from the Dubna superconducting accelerator NUCLOTRON. Source velocities of carbon and lithium fragments were measured with the 4-pi device FAZA. It was found decreasing source velocities as the charge of fragment is decreasing. The research was supported by the Russian Science Foundation, Grant No. 23-22-00160.

Section

Experimental and theoretical studies of nuclear reactions

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Session Classification: Heavy ion collisions at Intermediate and high energies