

Study of spectator charge distributions in the HADES experiment for Ag+Ag@1.58AGeV and Au+Au@1.23AGeV

Saturday 25 September 2021 17:15 (25 minutes)

Fragments charge has been measured with the forward hodoscope (FWall) in the HADES experiment for Ag+Ag@1.58AGeV and Au+Au@1.23AGeV. First results on the nuclei fragments description with the framework of the DCM-QGSM-SMM model and comparison with the experimental data will be presented. The description of the fragments within the model is a crucial task to determine the collision centrality and geometrical properties of the nucleus-nucleus collision.

Author: ZHEREBTSOVA, Elisaveta

Presenter: ZHEREBTSOVA, Elisaveta

Session Classification: Section 4. Relativistic nuclear physics, elementary particle physics and high-energy physics

Track Classification: Section 4. Relativistic nuclear physics, elementary particle physics and high-energy physics.