NEW RESULTS ON EAS MUON COMPONENT IN THE GAMMA EXPERIMENT AT MT. ARAGATS

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ABSTRACT

We present analysis of the GAMMA data connected with study of the 5 GeV muon characteristics for EAS with $N_e \in [3\ 10^5\text{-}10^7]$ obtained with help of the new configuration of the muon underground detector on the GAMMA array. The results are compared with previous GAMMA results as well as with data of the Tien-Shan experiment. Comparison with the simulation data is also carried out.