**MAGNITUDE AND SKEWNESS OF ELLIPTIC FLOW FLUCTUATIONS AT NICA ENERGIES**

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In this work, we exploit the cumulant ratios: 𝑣2{4}/𝑣2{2} and 𝑣2{6}/𝑣2{4} to study the magnitude and skewness of elliptic flow fluctuations in Au+Au collisions at NICA energies in the framework of several state-of-the-art models of relativistic heavy-ion collisions. The agreement of 𝑣2{4}/𝑣2{2} ratio for different models with different initial conditions supports the assumption that dominant contribution to the final elliptic flow fluctuations is the participant fluctuations in the initial geometry.