

## Anisotropic flow at energies $\sqrt{s_{NN}}=2-11$ GeV

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Multi-Purpose Detector (MPD) experiment at NICA collider has the potential for discoveries in the area of QCD phase diagram with high net baryon densities and moderate temperatures. Anisotropic transverse flow is one of the key observables to study the properties of matter created in heavy-ion collisions. The directed and elliptic flow were studied at the beam energy range  $\sqrt{s_{NN}}=2-11$  GeV corresponding to HADES (SIS18), BMN (Nuclotron), and MPD (NICA) experiments. Comparison of the existing experimental data with different heavy-ion event generators is employed to provide a useful tool for feasibility studies at the MPD experiment.

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