

Results from the RHIC Beam Energy Scan Program

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We will present the results from the Beam Energy Scan (BES) program at the Relativistic Heavy-Ion Collider (RHIC). In this program, Au ion collisions at center of mass energies of 7.7, 11.5, 19.6, 27 and 39 GeV allowed RHIC to extend the study of the QCD phase diagram from baryonic chemical potential values of 20 MeV to about 400 MeV. Results related to freeze-out properties, partonic versus hadronic interactions, novel symmetries of QCD and search for QCD critical point will be discussed.

Keywords

QCD phase diagram, Quark Gluon Plasma

Primary author: Prof. MOHANTY, Bedangadas (National Institute of Science Education and Research)

Presenter: Prof. MOHANTY, Bedangadas (National Institute of Science Education and Research)

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