

1 Results from the Beam Energy Scan program at STAR
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6 The main goal of beam energy scan in relativistic heavy-ion collisions is
7 to explore the QCD phase structure from low baryon densities and high
8 temperatures (top RHIC and LHC energies) to high baryon densities and
9 low temperatures (SIS-18, FAIR, NICA and low RHIC energies). We
10 present results of heavy-ion collisions at low and intermediate energies,
11 to study the properties of the QCD matter, including vortical structure
12 and spatiotemporal extents of particle emission, and search for the
13 critical point.