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Overview of heavy ion collision program at FRIB

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The Facility for Rare Isotope Beams (FRIB) is at the forefront of research into the fundamental properties of nuclear matter, utilizing heavy ion collisions to explore the physics of rare isotopes and the nuclear equation of state. This talk will provide an overview of the heavy ion collision program at FRIB, highlighting its scientific program and key experimental initiatives including detector development. The program's scientific focus includes probing the density dependence of the symmetry energy, which is crucial for understanding the structure and dynamics of neutron stars.

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Classification de Session: Investigations at existing and future accelerator facilities and detectors

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