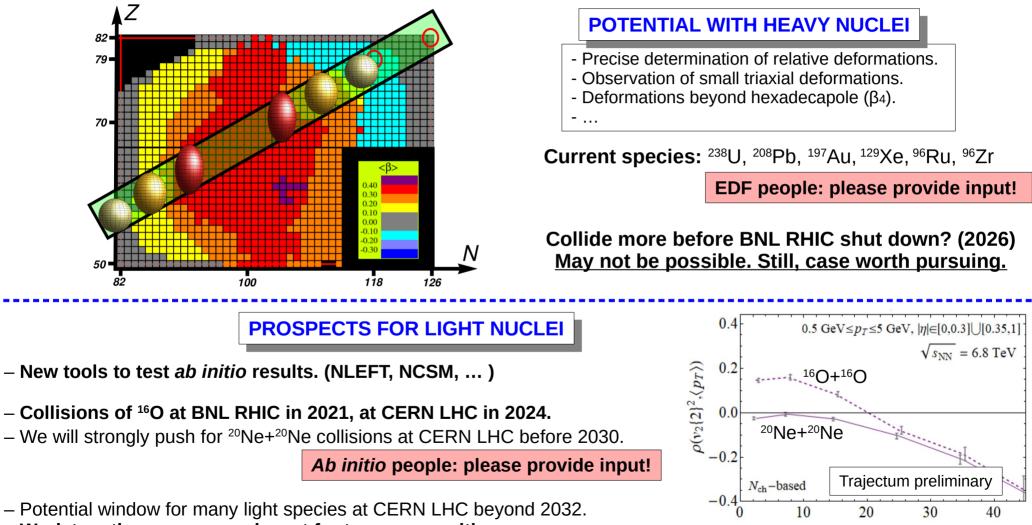


- Scattering at the level of nucleons + instantaneous interaction. All positions of nucleons are probed. Input to the collision model is a sampling of the wave function.
- Collective spatial correlations of nucleons show up clearly at high energy. We see all deformations/shapes. Quadrupole, triaxiality, octupole, hexadecapole, and even skin differences between isobars.
- We have developed tools to precisely probe the influence of structural properties of the colliding nuclei. We assess the consistency of nuclear models/experiments across energy scales.

Main outcome: Knowledge about stable nuclei fully complementary to low-energy experiments.



centrality [%]

Work together on cases relevant for two communities.