

The r-process nucleosynthesis: connecting FRIB with the cosmos

In the first week of the program we have defined the open questions based on observations and model considerations. In the second week we will discuss the experimental possibilities at FRIB. In the third week, we will turn to astrophysical simulation, to discuss the importance of various measurements for each scenario.

Week one (May 31-June 3, 2016): r-process abundances, observations, abundance patterns, r-process sites, kinds and compositions of ejecta, multiple r-processes, chemical evolution constraints, kilonova, open questions.

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