Nuclear Lunch Questions
11/8/2023

1. What is symmetry energy and what are the implications? What kind of FRIB measurements will constrain it? (Ryan)

2. Give some brief introduction to how QMC (specifically ADFMC) works to solve the Schrödinger equation using this potential. (Alexandra)

3. What EOS is used for the crusted EOS? Discuss the structure of it (pasta phase? etc.) (Caspian)

4. What is a kilonova? (Sijan)

5. What are highlights of the FOPI10 and ASY-EOS11 experiments? (Justin Bryan)

6. What is the general significance of Mass vs Radius plots/measurements for neutron stars, and what are an example or two of observational data used for constraining these plots used in this paper or not used in the paper. (Josh)