

indirect Constraints of Neutron-Induced Reactions

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Neutron-induced reactions on radioactive nuclei are important for a variety of applications. However, these reactions are often difficult to measure directly due to the unstable nature of the reactants. A variety of indirect methods have been developed in which experimental measurements are used to constrain the statistical calculations of these reactions. I will discuss the epistemological uncertainties inherent in these approaches and share some results from a recent experimental campaign in which we gathered data for several indirect constraints.

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