Plan Overview

A Data Management Plan created using DMPTool

Title: Complete Information on Nuclear Reaction Mechanism for Nuclear Applications

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Copyright information:

Complete Information on Nuclear Reaction Mechanism for Nuclear Applications

The data generated in the course of the proposed research will be

1. first saved in multiple copies, on internal NSF space and external hard drive backups

2. shared with the collaboration and in public

3. available with two types of data sets; (a) raw data and (b) processed data with the data reply code

4. following the requirements of preseving the initial raw data set (a) to be easily converted to the processed data (b) via applying the data reply code, which is provided in the step 3.

5. provided digitally for the data and the data taking log, through an electronic logbook website.

Data content and format will be binary data format from the experiment and will be stored to the local data cluster space.

At the time of publication, the data will be digitally accessible through the US National Nuclear Data Center repository (www. nndc.bnl.gov), whcih includes charts, figures, and any plots.

The data will not include any personnaly identifiable information and national security, and will recognize proprietary interests, business confidential infromation and intellectual propoerty through multiple reviews in collaboration and institutionally.

The data management plan for this proposed research is to preserve the data to be available to the collaboration and for public for the benefit of the availability of the rare data set, since the LANSCE facility and the LENZ detector combination provides a unique capability to produce this high quality data.

Throughout the research, I will produce the data replay codes, written in C++ and python, which are all Open Source License to be used. The data replay codes will be available with the raw data to the community.