## NSCL PAC 41 PROPOSAL ELEMENTS

## (all sections should be completed)

## Description of Experiment

(no more than 4 pages of text for items 1through 3 - 1 1/2 spaced, 12pt; no limit on figures or tables; figures, tables and references to come at the end of the text)

Please organize material under the following headings or their equivalent:

1. Physics justification, including background and references.
2. Goals of proposed experiment
3. Experimental details—what is to be measured; technical feasibility of measurement; count rate estimate; basis of time request; discussion of present state of readiness of the experiment and an estimated earliest date for inclusion in the run schedule; discussion of any technical assistance (design, fabrication, installation, etc.) that may be requested from NSCL;
4. Supplemental material (Figures, Tables, References, etc.). One figure must be a layout of the experimental apparatus. All graphics should be such that black-and-white copies will convey the intended information correctly; references to color should be avoided.

### Physics Justification

### Goals of the proposed experiment

### Experimental Details

### Supplemental Information (Figures, Tables, References, etc., including one figure that depicts the layout of the experimental apparatus)

## Status of Previous Experiments

Results from, or status of analysis of, previous experiments at the CCF listed by experiment number. Please indicate publications, invited talks, Ph.D.s awarded, Master’s degrees awarded, undergraduate theses completed.

## Educational Impact of Proposed Experiment

If the experiment will be part of a thesis project, please include the total number of years the student has been in graduate school, what other experiments the student has participated in at the NSCL and elsewhere (explicitly identify the experiments done as part of thesis work), and what part the proposed measurement plays in the complete thesis project.