Proposal for Experiment

Involving Highly Charged Ion Beams at the James R. Macdonald Laboratory User Facility

For the Time Period 21 November 1998 to 20 May 1999

(Please type or print clearly)

1. Project Title: (__ Check here if this is a request for a continuation of a previous proposal)

2. Brief description (1 sentence) of the proposed project:

3. Attach ≤ three page description and justification of the proposal for the experiment for PAC consideration. Please include the beam(s) to be run, measurement(s) to be made, and the specific physics being investigated. If this is a continuation of a previous experiment, it is not necessary to repeat the original proposal. Instead, please attach a brief summary of the previous proposal, a short progress report (including presentations and/or publications and beam time used), and a description of exactly what measurement(s) will be made in the continuation period.

4. Facilities to be used in the experiment (check all that apply):
   __ Tandem __ Tandem/LINAC
   __ CRYEBIS __ Ion-Ion

5. List of participants in the experiment:

6. Contact person(s) for the experiment (include address, telephone, FAX, and email).

7. Local (JRML) contact (collaborator) person for experiment (optional but desirable).

8. Total number of days requested for this experiment _____.

9. Number of days requested for this experiment in this scheduling period _____.

10. Preferred dates for this experiment _____.

11. Special considerations and/or additional comments (attach additional pages if necessary):

_____ _____ _____

Name (print) Signature Date

Submit completed proposal no later than 30 September 1998 to: Director, J. R. Macdonald Lab, Department of Physics, 116 Cardwell Hall, Kansas State University, Manhattan, KS 66506-2604