

# RRPL Operations

- RRPL - Week of 09/23:
  - Production
    - Ac-225 Chemical Processing
  - Researchers
    - Separations and Labeling R&D

Coming weeks:

- Ac-225 QC / Dispensing
- Th Shipment to ORNL

# BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current $\mu\text{A}$	Raster Conditions	Comments
9/20/2024	9/30/2024	200	150	10:1	Thank you for the continued support all year.

# BLIP Operation

- BLIP Tasks.
  - The Be and water windows – working towards replacing during this current maintenance cycle.
  - Roof leaks: repair completed on the Control Room section. Water diverter still remains in the Control Room until we see that the repair was successful. Still waiting for more materials for the section over the garage area, (but there is no leak in the garage area).
  - The irradiation season is extended: Th irradiation 9/20 - EOB 9/30
  - **Cooling system upgrade work on hold due to extended irradiation season until end of beam. Will focus on the chilled water system (cold side) during this maintenance cycle.**

# Cyclotron Activities

## Commissioning Path Forward: Started Commissioning Module II

- Commissioning is on hold pending resolution of RF breaker trip issue
  - RF breaker trip issue
    - Initiated USI to temporarily bypass ACG interlock for RF breaker trip issue. USI package submitted to DOE–BHSO on 9/23.
    - Remaining RF and source bias interlock tests will be completed when RF breaker trip issue is resolved.
  - Vault room temperature / humidity controls path forward
    - MPO developing CURL project to replace entire unit – estimated end of CY24 installation. USI draft in progress.
  - Work planning for the replacement of compressed air regulator manifold inside HV cabinet.
  - COBOT testing/programming
    - Testing with pneumatic gripper using target adapter plate to simulate precision target loading and unloading with target holder and installing switch ( per manufacturer instructions) to enable remote operation of cobot in manual mode from control room. Testing only in room 136.