

# RRPL Operations

- RRPL - Week of 06/17:
  - Production
    - Ac-225 Chemical Processing
    - Ce-134 Waste Processing
  - Researchers
    - Work with various generators/Radiolabeling Experiments

Coming weeks:

  - Ac-225 and Ce-134 Processing

# BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current $\mu\text{A}$	Raster Conditions	Comments
6/18/2024	6/21/2024	117	62	5.5 mm	N/A
6/28/2024	7/9/2024	200	150	10(11.5mm):1(5.5mm)	N/A
7/15/2024	7/16/2024	117	3	Focused	24h foil
7/16/2024	7/19/2024	117	62	5.5 mm	N/A
7/22/2024	8/2/2024	200	150	10(11.5mm):1(5.5mm)	N/A

# BLIP Operation

- BLIP Tasks.
  - Working on target cooling system up-grade and target drive projects. Have been told will receive funds in the next allocation.
  - The Be windows – working towards replacing during this next maintenance cycle.
  - We are monitoring the water leaks over the Control Room; water diverters installed. Roof repair completed on the Control Room section. Waiting for more materials to repair the section over the garage area
  - Th target transferred to AP hot cells Monday 6/17
  - La irradiation started today 6/18 and will run till Friday 6/21

# Cyclotron Activities

Path Forward: Started Commissioning Module II - Cooling water and main magnet are online; vacuum very good

- Commissioning is estimated to take ~3 to 6 months
- F&O AC group have installed a portable AC unit in the vault. All connections/ ducting completed. Electrical inspection completed 6/18, awaiting approval to start unit pending removal of complex LOTO and AC support to power on the unit. Post start- temp/humidity monitoring of the area before RF testing can begin.
- Vault room HVAC unit compressor replacement - F&O replacing compressor 6/18
- Vault Room Exhaust Fan bearing very noisy; F&O has replacement on order, along with a spare.
- Access Controls Group to update ADIV code - Work completed and tested 6/17
- Cobot testing/programming