

# RRPL Operations

- RRPL - Week of 04/29:
  - Production
    - Ac-225 Pre-Processing
    - Th waste removal
    - La waste removal
  - Researchers
    - Work with various generators/Radiolabeling Experiments
    - Ac-225 Separations R&D

Coming weeks:

- Ac-225 Waste Removal
- Ac-225 Processing
- Ti/Sc Processing

# BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current $\mu$ A	Raster Conditions	Comments
4/22/2024	5/03/2024	200	150	10(11.5mm):1(5.5mm)	N/A
5/07/2024	5/10/2024	117	62	5.5 mm	N/A
5/10/2024	5/21/2024	200	150	10(11.5mm):1(5.5mm)	N/A
6/3/2024	6/14/2024	200	150	10(11.5mm):1(5.5mm)	N/A
6/18/2024	6/21/2024	117	62	5.5 mm	N/A
6/21/2024	7/2/2024	200	150	10(11.5mm):1(5.5mm)	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 – order placed, need to start discussion if the windows should be replaced during this next maintenance cycle.
  - We are monitoring the water leaks over the Control Room; water diverters installed. Waiting for proper weather to work on the roof.
  - Th irradiation – Started yesterday 4/22

# Cyclotron Activities

On Friday 4/26/24, received approval from DOE-BHISO for authorization to start commissioning.

- Initiated Commissioning Plan Module I on Monday 4/29/24.  
Path Forward: Commissioning is estimated to take ~3 to 6 months to perform.
- Troubleshooting ISIS gate valve positioning.
- Awaiting risk assessment report to begin Cobot testing.