

RRPL Operations

- RRPL - Week of 06/10:
 - Production
 - Ac-225 Chemical Preparations and Pre-Processing
 - Ac-225 Waste Removal
 - 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 μA	Raster Conditions	Comments
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
6/28/2024	7/9/2024	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. Roof repair in progress - should be completed by Wednesday 6/12
 - Th and Sc targets irradiation continues until Friday 6/14
 - Next irradiation scheduled to start next Tuesday 6/18

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
- AC group have installed a portable AC unit in the vault, awaiting drain line connection. Then Start-up and temp/humidity monitoring of the area before RF testing can begin.
- Vault Room Exhaust Fan bearing very noisy; F&O has replacement on order, along with a spare.
- Roof HVAC unit compressor replacement- F&O is planning installation
- Access Controls Group to update ADIV code - Work planning in progress
- Cobot testing/programming