

RRPL Operations

- RRPL - Week of 06/02:
 - Production
 - Ac-225 Pre-Processing
 - Ti-44 Purification
 - Researchers
 - Work with various generators/Radiolabeling Experiments
 - Ac-225 Separations R&D

Coming weeks:

- Ac-225 Waste Removal
- Ce-134 Waste Processing
- 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.
 - Th and Sc targets irradiation started 6/3 and continues until 6/14
 - Next Monday 6/10 IAEA training tours starting 13:00

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
- RF Kapton tube replaced. RF system testing pending stabilization of humidity/ temperature in the vault area.
- AC group working to improve Temp/humidity issue in the vault.
- Vault Room Exhaust Fan bearing very noisy; F&O has replacement on order, along with a spare.