

RRPL Operations

- RRPL - Week of 05/06:
 - Production
 - Ac-225 Pre-Processing and Start of Processing
 - La target waste removal
 - Ce-134 Pre-Processing
 - Researchers
 - Work with various generators/Radiolabeling Experiments
 - Ac-225 Separations R&D

Coming weeks:

- Ac-225 Waste Removal
- Continued Ac-225 Processing
- Ti-44 Processing
- Ce-134 Processing

BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current μA	Raster Conditions	Comments
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.
 - La irradiation – Started today 5/07 and will end Friday 5/10
 - Th irradiation will start Friday 5/10
 - Floor repair in BLIP hot cell area will be done on Friday 5/10

Cyclotron Activities

- Completed Commissioning Plan Module I on Friday 5/3/24.
- Initiated Module II on Monday 5/6/24: Cooling water system and main magnet were brought up thus far.

Path Forward: Commissioning is estimated to take ~3 to 6 months

- Troubleshooting ISIS gate valve positioning.
- Finalizing risk assessment review to begin Cobot testing.