

BLIP Operations

February 25-March 4, 2013

- Irradiated Th-232 to produce Ac-225 at 139 MeV from Feb. 20-26 with regular production targets downstream. Beam current was low ($\sim 70\mu\text{A}$) and beam spot was too diffuse for optimal yield. Low current was due to problems with mod 6. RF tube socket needs cleaning, to be done during Friday maintenance. Extra time will be needed to tune the beam spot in the future.
- Routine production of Sr-82 at 117 MeV resumed on Feb. 26-March 1 at high current ($\sim 105\mu\text{A}$), and then Ge-68 target was loaded downstream and current reduced to $\sim 75\mu\text{A}$ over the weekend.
 - Target failure of both Sr-82 targets was detected on Monday morning. Cause is under investigation.