

MIRP Operations –3/2016

- **Safety**

- Received FDA closeout
- EPA visit and tour of BLIP 3/28
- Bracco audit March 29-30th
- Isotope Program Strategic meeting April 20-21st
- Annual Review for Ac-225 July 27th and 28th

- **Production**

- 4th set of RbCl targets being pulled out on Wednesday the 16th @ 0900
- Proceeding with fabrication of new Ga targets for Ge-68 production
- Packaging Sr-82 Monday and Thursday of this week
- GAW target being inserted into beam Wednesday for a single dedicated run
- GAW and RbCl targets will be transferred to TPL Wednesday or Thursday depending on dose rates.

BLIP Target Data

- **4th Set of RbCl Targets (BVD and BVE)**
- Total Accumulated μA 's as of 3//14/16 @ 23:59 – 65,110.67
- Total Hours – 430.14
- Average Current – 151.37 $\mu\text{A/hr}$
- SOB- 2/24/16 @ 16:12.... EOB- 3/16/16 0900

TPL Operations– 3/2016

○ TPL Maintenance

- Ongoing work on the D tanks
- Painting walls/floors/ceilings 2-66 & 2-66A
- Backup generator test

○ BLIP Maintenance

- Next maintenance March 24th
- Friday Deepak will be working on narrowing the beam

○ Research

- GaAs March 16th, Thorium target April 12th -18th, TBD

Aluminum Screw Bolted Target Can



Can Utilization

☐ Aluminum target holder

- Metal foil irradiations for up to an hr at BLIP
- Allows for the production of radiotracer quantities using thin foils.

☐ Bronze-Copper Target Can (Bz-Cu)

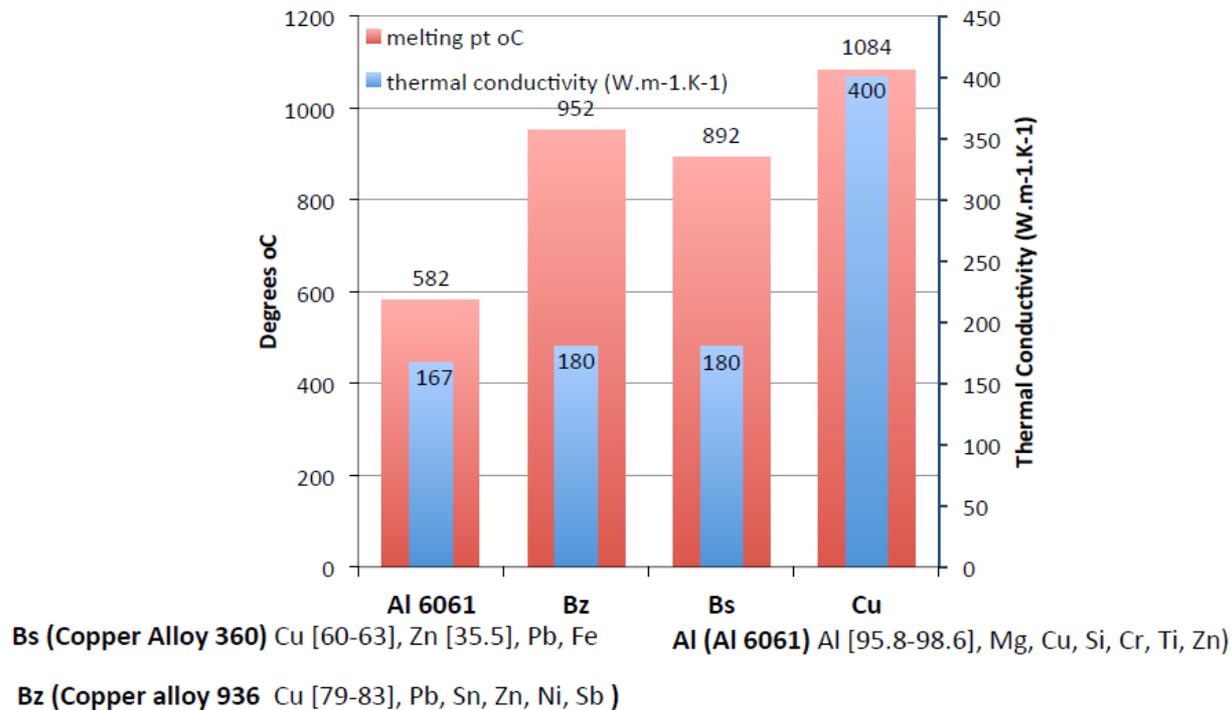
- Designed to house either electroplated or foil target materials.

☐ Brass-Copper Target Can (Bs-Cu)

- Designed to house either electroplated or foil target materials.

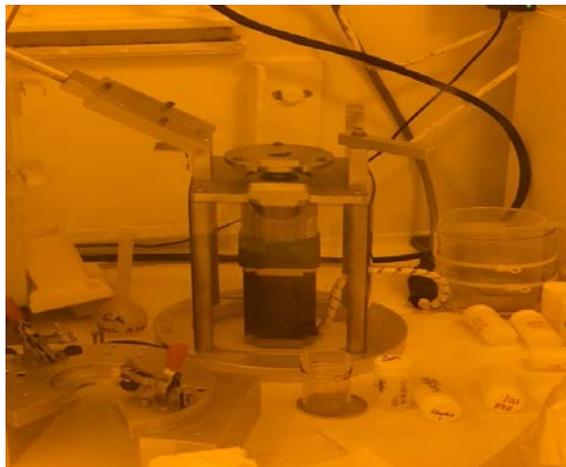
Melting Points and Thermal Conductivity of Target Can Material

Melting points and thermal conductivity of target can material.



GAW Target

Copper/Brass target can opener



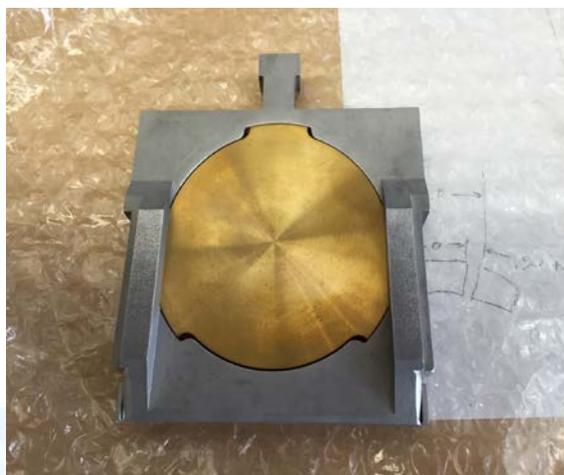
Copper/Brass target can opener control box



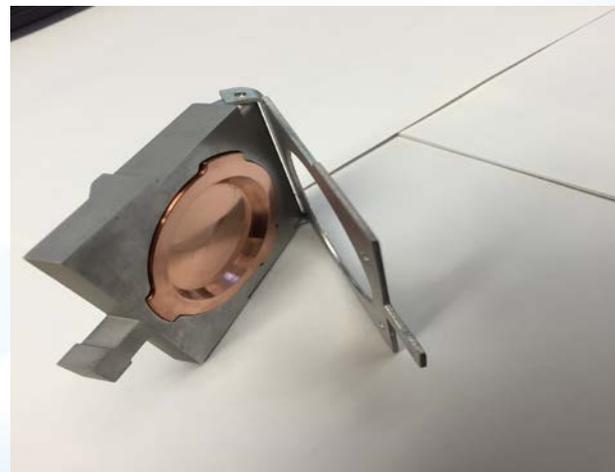
2 Copper/Brass targets (opened)



Copper/Brass target in holder



Copper/Brass in holder while opened



Can Opener for New Targets

