Tudolier 2-28-74

Blumberg
No. 54

Glenn, Steve Smith

A series of targets were tried at the "C" slow beam target station. The secondary flux was measured in the LESB. The results indicate:

1) Iridium and Heavymet targets produce about equal flux.
2) Copper targets flux is about half.
3) 0.2" dia × 3" long targets produce ~30% more flux than 0.1" dia × 2½" targets with <u>no</u> loss in purity of ~~K~~ the K to π ratio.
4) The heat sink mounted on the far side of the target from the LESB does not increase the π contamination in the beam.