

Target Operation Manual

0.1 Contacts

Hall-B beam line expert:

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0.2 Target

Figure 1 shows the HPS target. The $4\mu\text{m}$ -thick tungsten is used for 1.1 GeV and 2.2 GeV data taking, and the $8\mu\text{m}$ -thick tungsten is for 4.4 GeV and 6.6 GeV. The graphite and CH_2 targets are for cross section calibration.

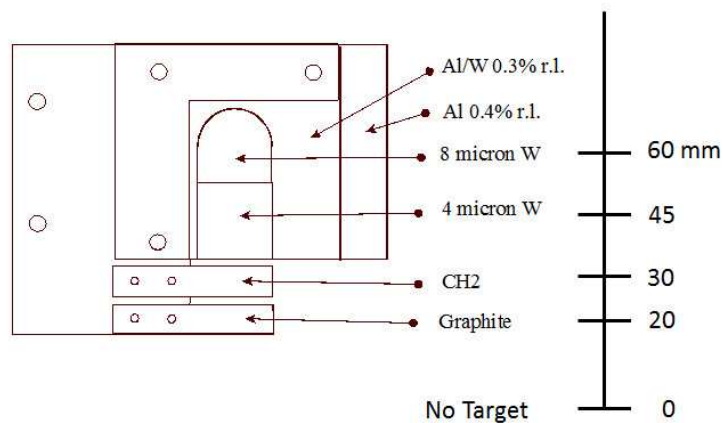


Figure 1: Target

0.3 Setting the target

Target can be set by running the target GUI (Figure 2).

- Type in who you are.
- Call MCC to turn off the beam and click “Have you called MCC to turn off the beam?”.

- Hit appropriate target button.
- Hit “Remove Target” button to remove the target.

Your name and Date and Time will be logged. The target will be placed at the nominal beam position. By providing an offset value, the target position can be adjusted vertically.

HPS Target

Who:

Have you called MCC to turn off the beam?

4 μm 8 μm C CH2

Offset: mm

Target Position:

Remove Target

Figure 2: Target GUI