Happy Election Day!

Expt 10015 – $^{74}$Kr Beam (11/4/2014) – Target ladder

As viewed by camera

Beamspot at center of target

Viewer on downstream side of target ladder
(target camera looks upstream)

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**Viewer**

- 31.0 mm
- 83.0 mm
- 134.0 mm
- 169.5 mm
- 193.5 mm
- 240 mm (at limit switch)

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**Beam**

- $\text{(CH}_2\text{)}_n$
  - 100 um;
  - $\sim$11 mg/cm²
- $\text{(CH}_2\text{)}_n$
  - 50 um;
  - $\sim$5.5 mg/cm²

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**Mask**

- Au
  - 20 mg/cm²

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**Empty**

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**Au + Mask**

- Hole size: 2mm
- 1 cm
- 3/4”x3/4”

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**Alpha source at corner**

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Happy Election Day!

**Expt 10015 – \(^{74}\text{Kr} \text{ Beam (11/4/2014)} – \text{Downstream Viewer}**

- **Blocker**: 0.063” thick (1.6 mm), 3”x4”
- **Viewer**: ~1.5 mm thick, 3”x3”
- **Beam Length**: 183.0 mm

**As viewed by camera**

- Beamspot 1 mm below center of viewer
- (viewer is too high by 1 mm)

**Viewer on upstream side of target ladder**
- (target camera looks downstream)
MCP 0 (upstream)

I250Y-R

As viewed by beam
Red: center
Gray: imaginary lines connecting holes

**MCP 0 is too high by 1 mm**
Beamspot will be 1 mm below center

MCP 1 (downstream)

I250X-R

As viewed by beam

Happy Election Day!
Expt 10015 – $^{74}$Kr Beam (11/4/2014) – MCP Drives