Happy …? Day!

Expt 09084 – Ar Beam (12/5/2014) – **Target ladder**

As viewed by camera

Beamspot at center of target

Viewer on **downstream** side of target ladder

(target camera looks upstream)

C + Mask

Hole size: 2mm

1 cm

1/4”

3/4”x3/4”

C

Alpha source at corner

Empty

**(CH₂)ₙ**

25 um;

~2.8 mg/cm²

**(CH₂)ₙ**

75 um;

~8.2 mg/cm²

Mask C

17 mg/cm²

Viewer

31.0 mm

83.0 mm

134.0 mm

169.5 mm

193.5 mm

240 mm

(at limit switch)
Happy …? Day!

Expt 09084 – Ar Beam (12/5/2014) – MCP ladders

MCP 0 (upstream)

I250Y-R

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

112? mm
188.0 mm

Foil
Mask

Photograph from downstream side (looking upstream)

MCP 1 (downstream)

I250X-R

As viewed by beam

107.5 mm
183.5 mm
259.5 ? mm

Carbon Foil
50 um
Mask
Empty

Photograph from downstream side (looking upstream)

Mylar foil=1.9um
MCP 0 (upstream)

I250Y-R

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

MCP 1 (downstream)

I250X-R

As viewed by beam

Photograph from downstream side (looking upstream)

Photograph from downstream side (looking upstream)

Mylar foil = 1.9um

Foil
Mask

Foil
Mask
Empty

112? mm
188.0 mm

107.5 mm
183.5 mm
259.5 ? mm

Expt 09084 – Ar Beam (12/5/2014) – MCP ladders – color version

Happy …? Day!