PREX PRODUCTION-MODE TARGETS

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This is a conceptual sketch.
An engineering dwg is available elsewhere

Element provided by

Pb / Diam. #1
Pb / Diam. #2
Pb / Diam. #3
Bob (Pb/Diam.) 0.5 mm lead isotopically pure
0.15 mm diamond
Meekins 100 mg/cm^2

BeO viewer

181 Ta

Thin Lead

Thick 12 C

Thin 12 C

Super-thin 12 C

Holey 12 C

Bob 0.05 mm (67 mg/cm^2)

Bob 2 mm (530 mg/cm^2)

Bob 0.15 mm (45 mg/cm^2)

Bob 0.075 mm (22 mg/cm^2)

Meekins 100 mg/cm^2

The "empty target" position is at the bottom (fully retracted)