

Hall D CPS Configurations

- Suggestions to explore the design space with 60kW e- beam
- Magnet sizes:
 - 45 cm x 2 cm
 - 60 cm x 1.5 cm
 - 90 cm x 1 cm
- Shielding configurations (assume poly+Pb skin)
 - All Pb
 - Pb upstream, W downstream (“half-and-half”)
 - Pb upstream, W downstream around beam hole
- Default size: same as CPS +20 cm up- and downstream
 - Can later think of performing finer scans