Diagram showing a beam with dimensions:
- Length: 20 cm
- Width: 10 cm
- Thickness: t

Other dimensions:
- 2 cm
- 1 cm

Labels:
- Beam
- Section 1
- Section 2
Update
Geometry:

Material: Tungsten (all)

Pion yield: 4% higher than in the 'target only' case
A few different cases:

For tungsten 'shielding' we have ~ 4% rise in yield

A bit better if lower density material (copper shown as an example only)

Statistical error ~ 1%