Passive absorber

- Most of the radiation deposited in the MBW insulator comes from inside the beam pipe.
- The effectiveness of the absorber strongly depends on the inner radius.

**Ideal absorber. Pipe size.**

5-10 MGy/y

**Fe absorber. 2 cm radius (pipe is 4 cm)**

~ 1 MGy/y

- Need for smaller radius. Cu absorber? Ideas?