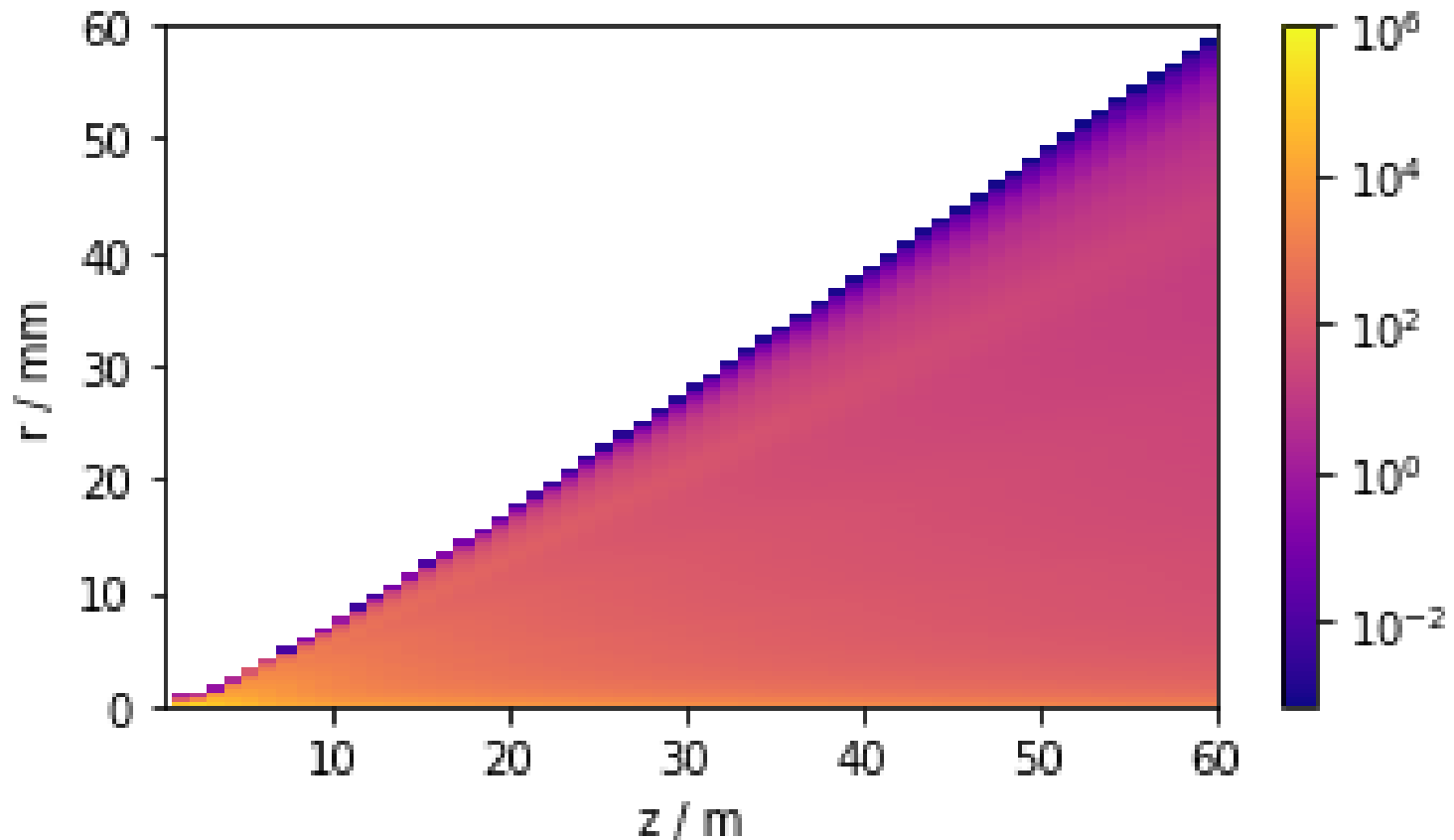


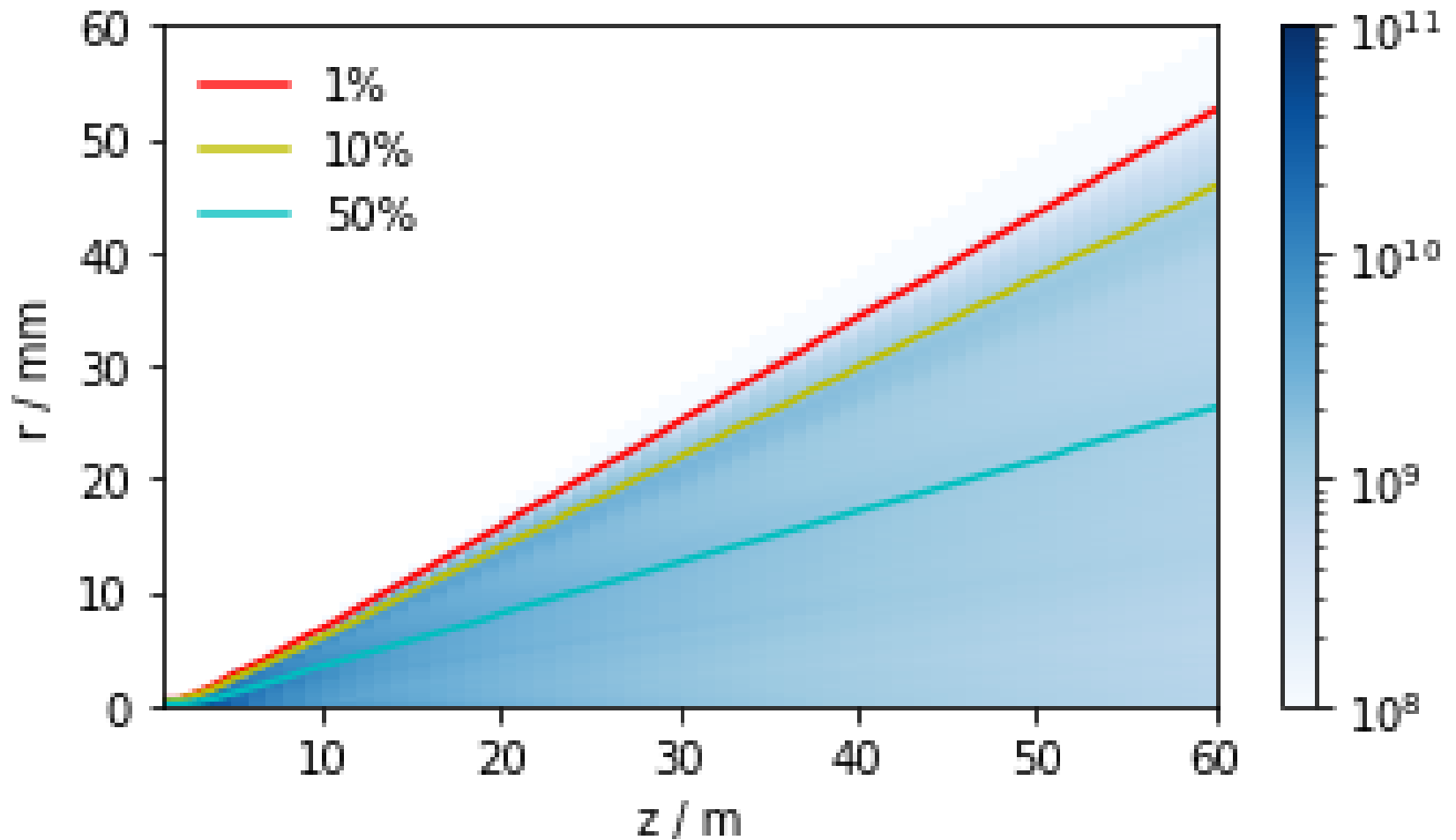
Proton beam size downstream the plasma cell

Input from Marlene Turner



Simulations are based on run 2 baseline parameters, $7e14$. $z=0$ is the start of the SM plasma.

After 10m the beam continues here in vacuum.



In the plot 1% of the protons have a bigger radius than the red line. 10% than the yellow line and 50% than the blue line.