

5. 21 Meeting

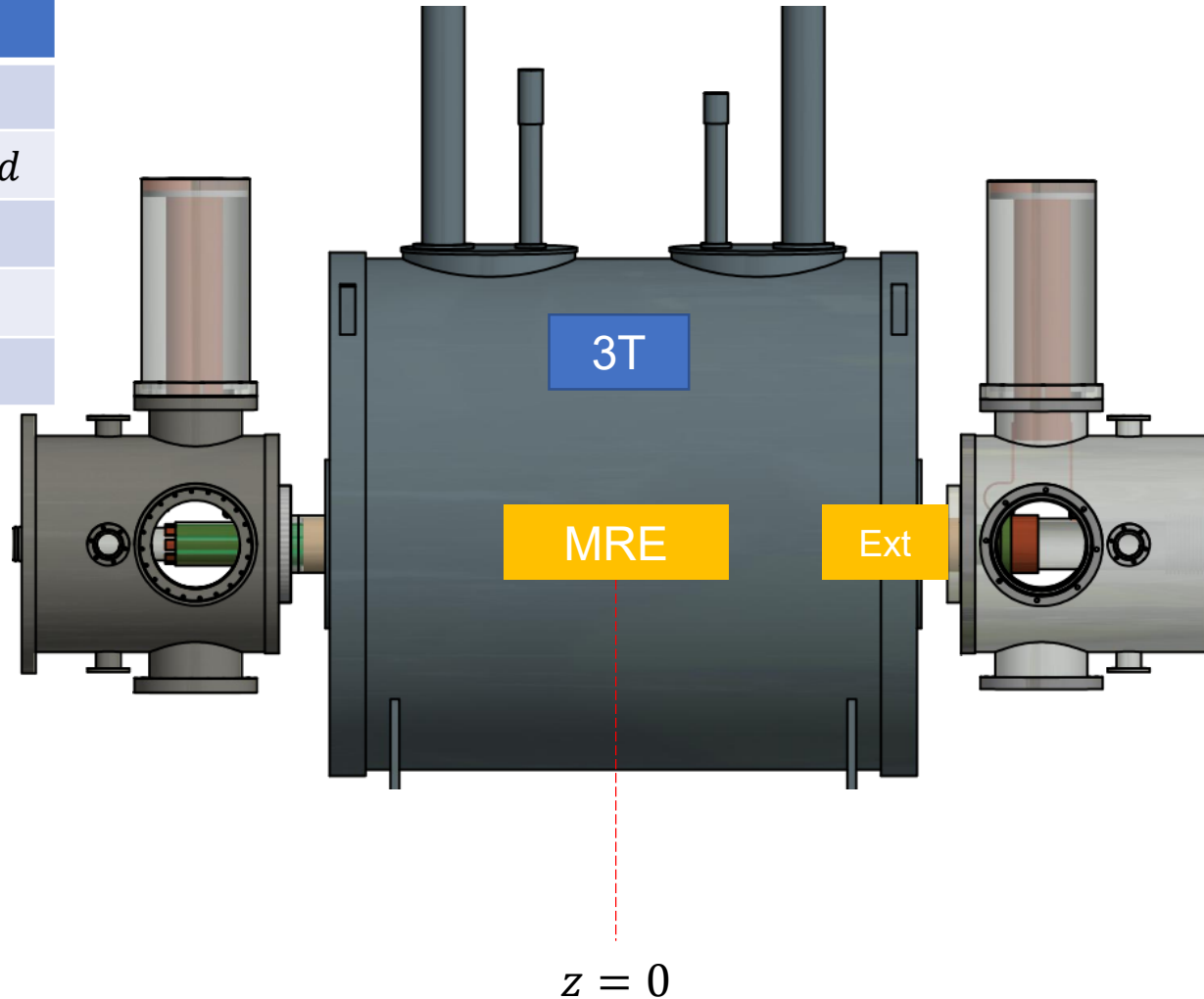
Kyoung-Hun Yoo

Injection Beam Parameter in Simulation

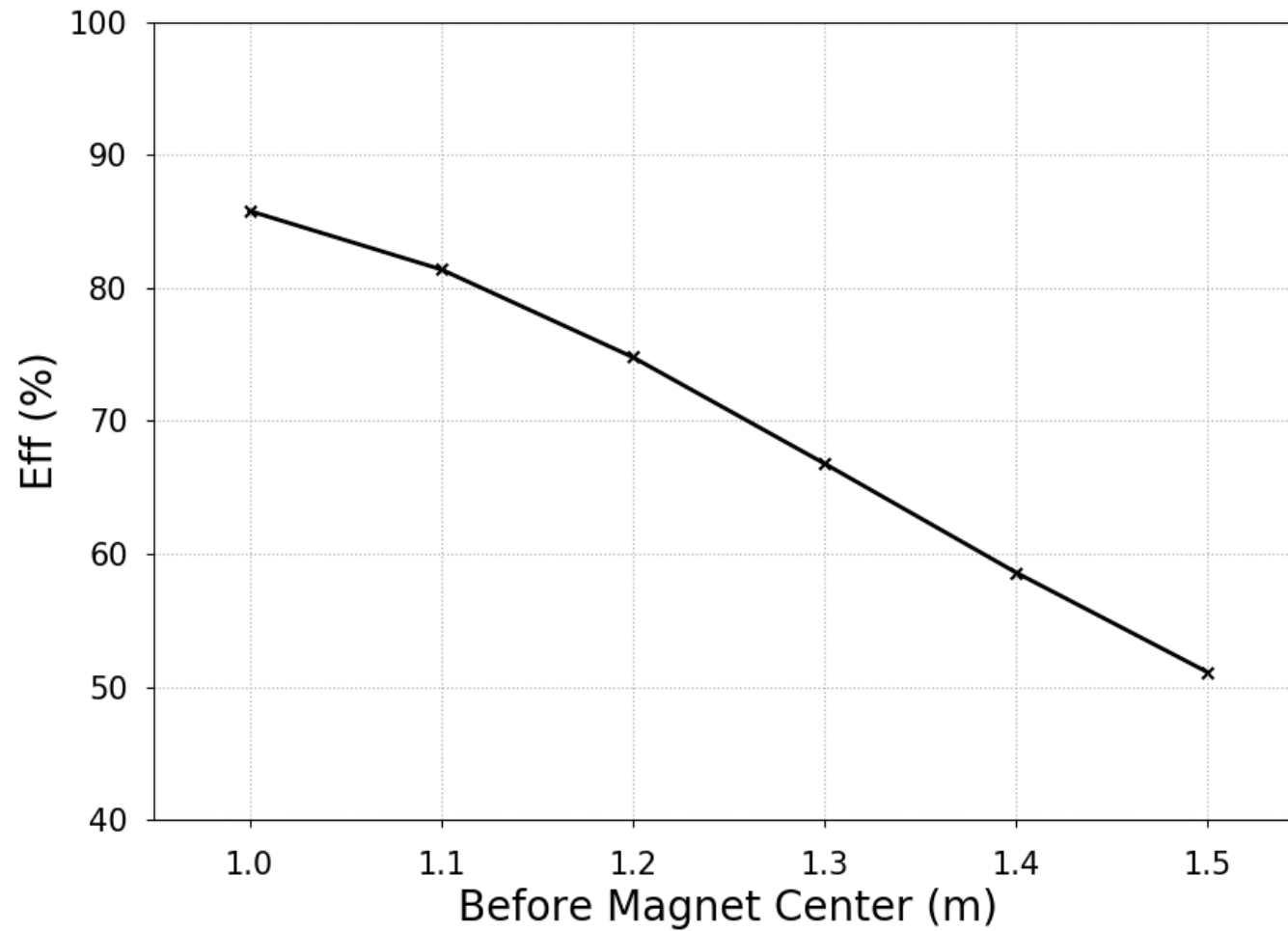
Parameter	Value
Transverse Size	$\sigma_x = 1.57 \text{ mm}$
Emittance	$\epsilon_x = 9.72 \text{ mm mrad}$
Bunch Length	$\sigma_t = 150 \text{ ns}$
Mean Energy	$E = 1.04 \text{ keV}$
Energy Spread	$\sigma_E = 124.5 \text{ eV}$

$\bar{p}$

$z = -1 \sim 1.5 \text{ m}$

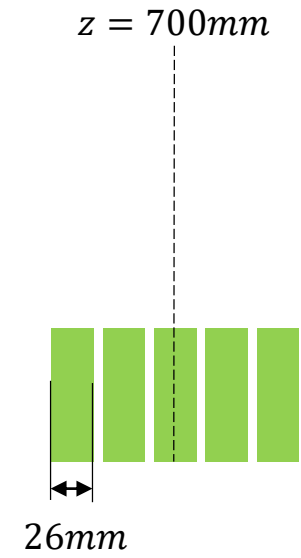
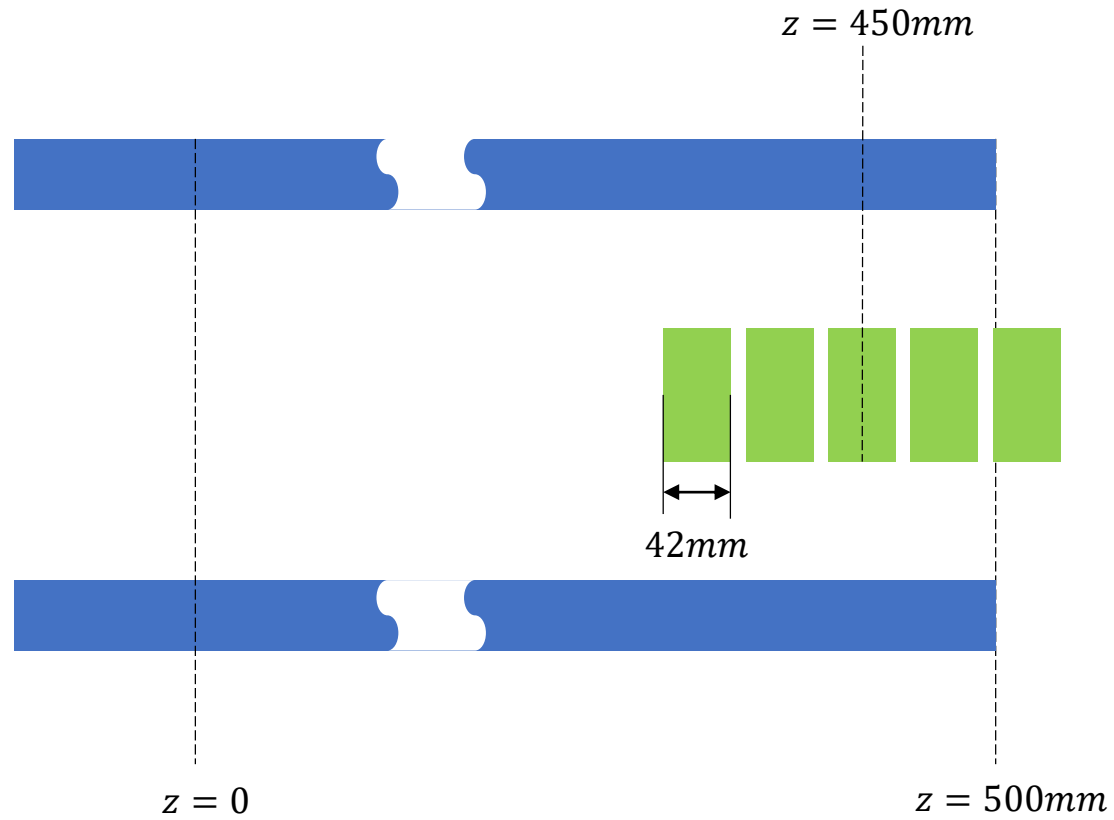


Catching Simulation

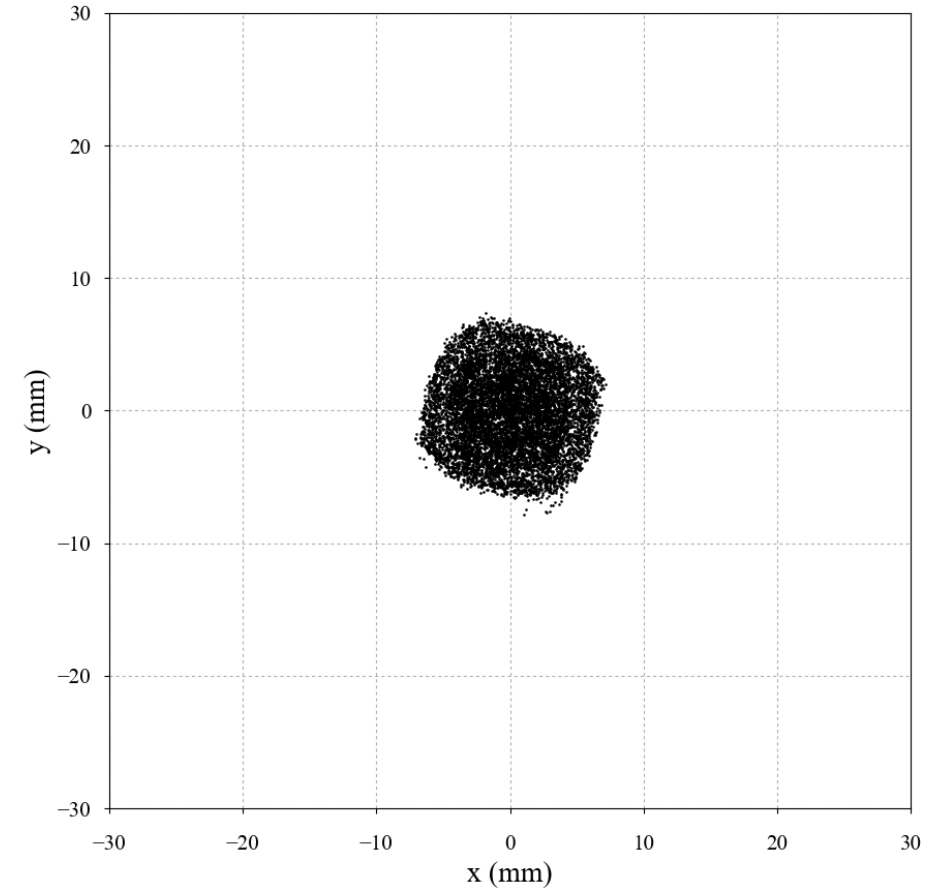
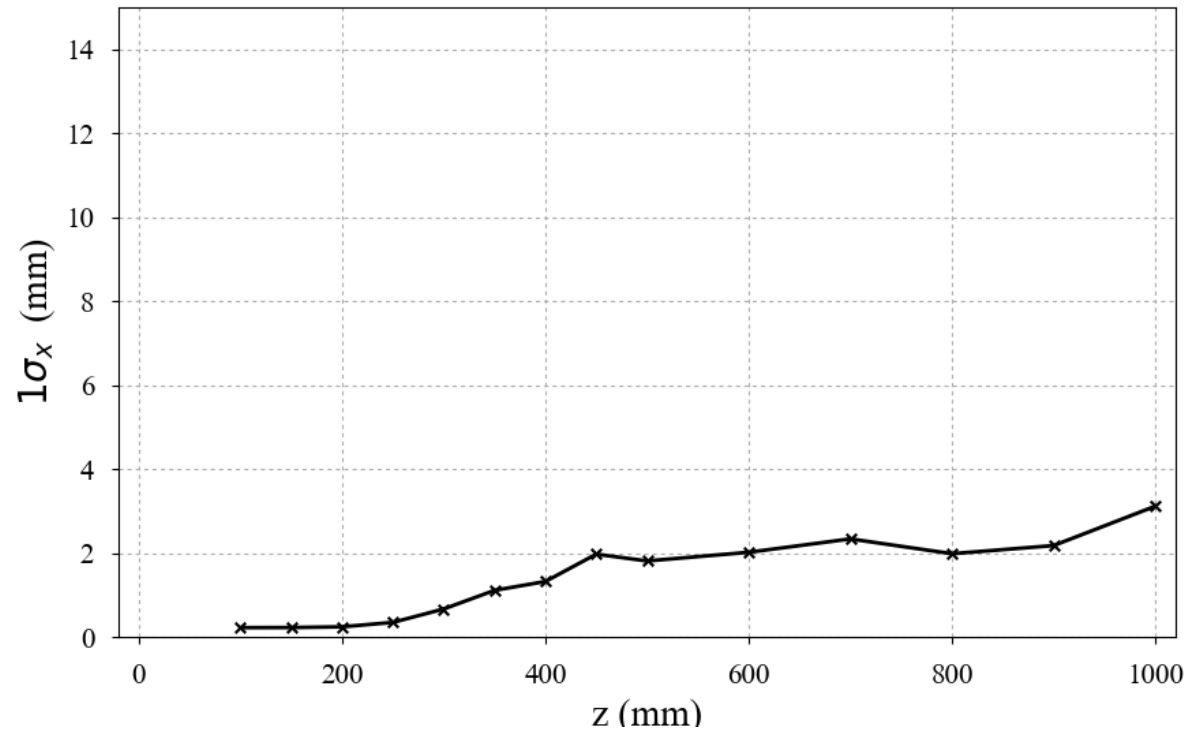


Time to turn on high voltage for catching is not optimized.

Extracting Simulation



Extracting Simulation; at $z = 1$ m



Extracting Simulation ; at $z = 1 \text{ m}$

