

# Laser Intensity Jitter in Simulation of 409 CeC

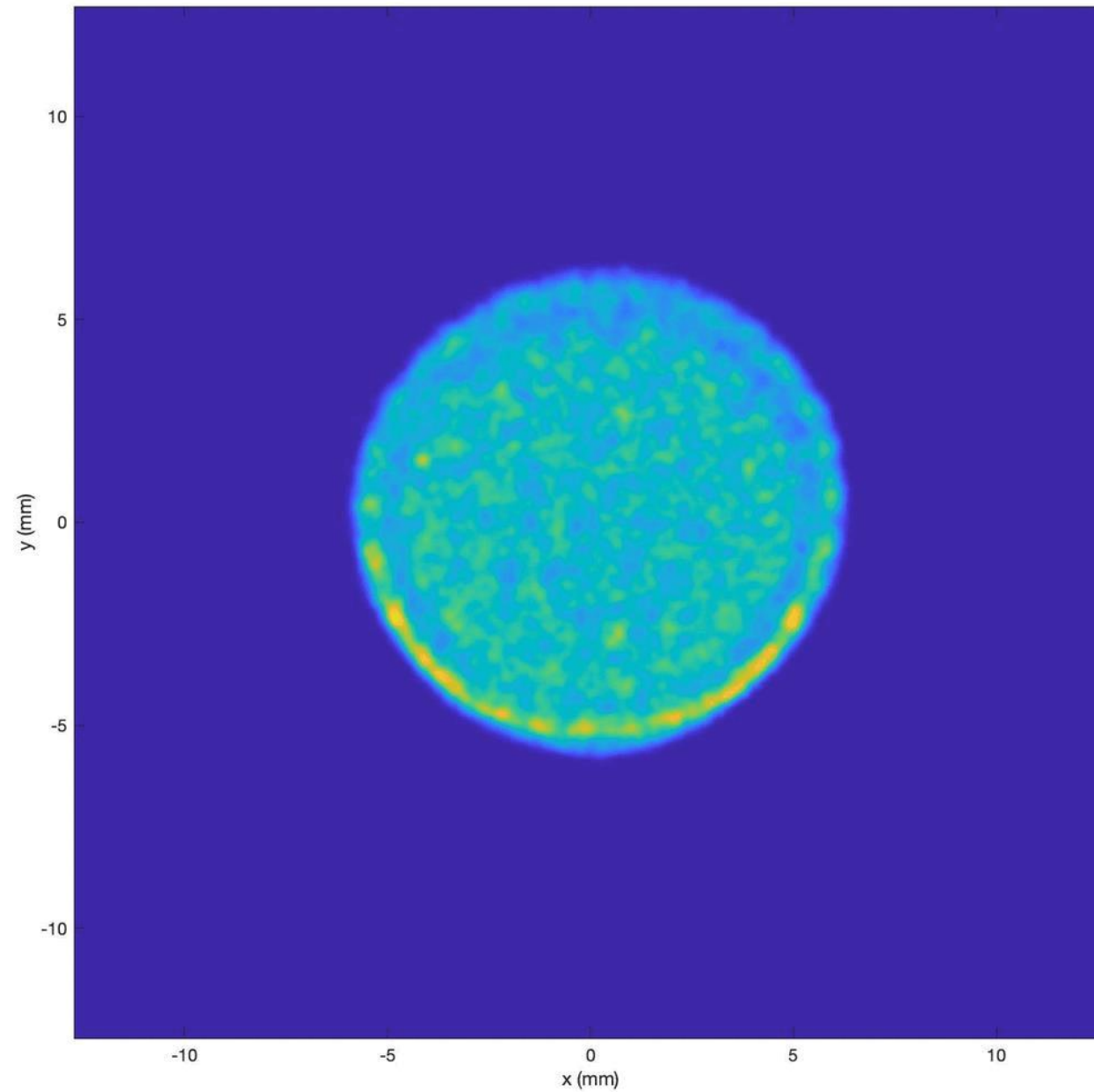
KS

3/8/2022

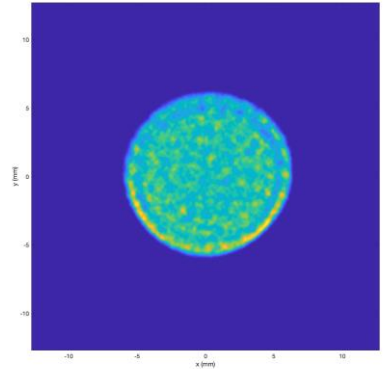
409 CeC  
Core Simulation 205kV

# YAG 1

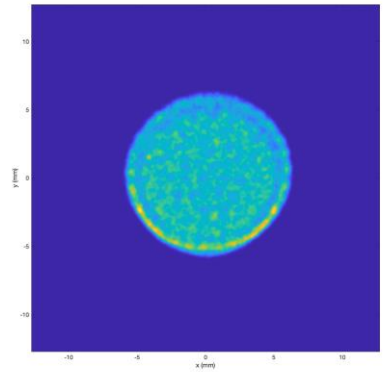
4.2829 m



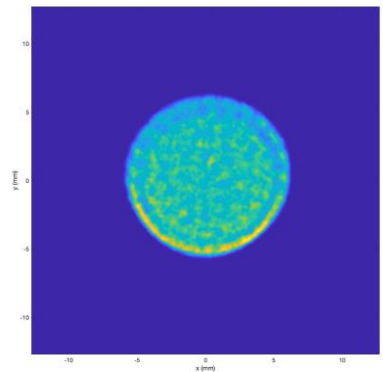
+10% C



reference

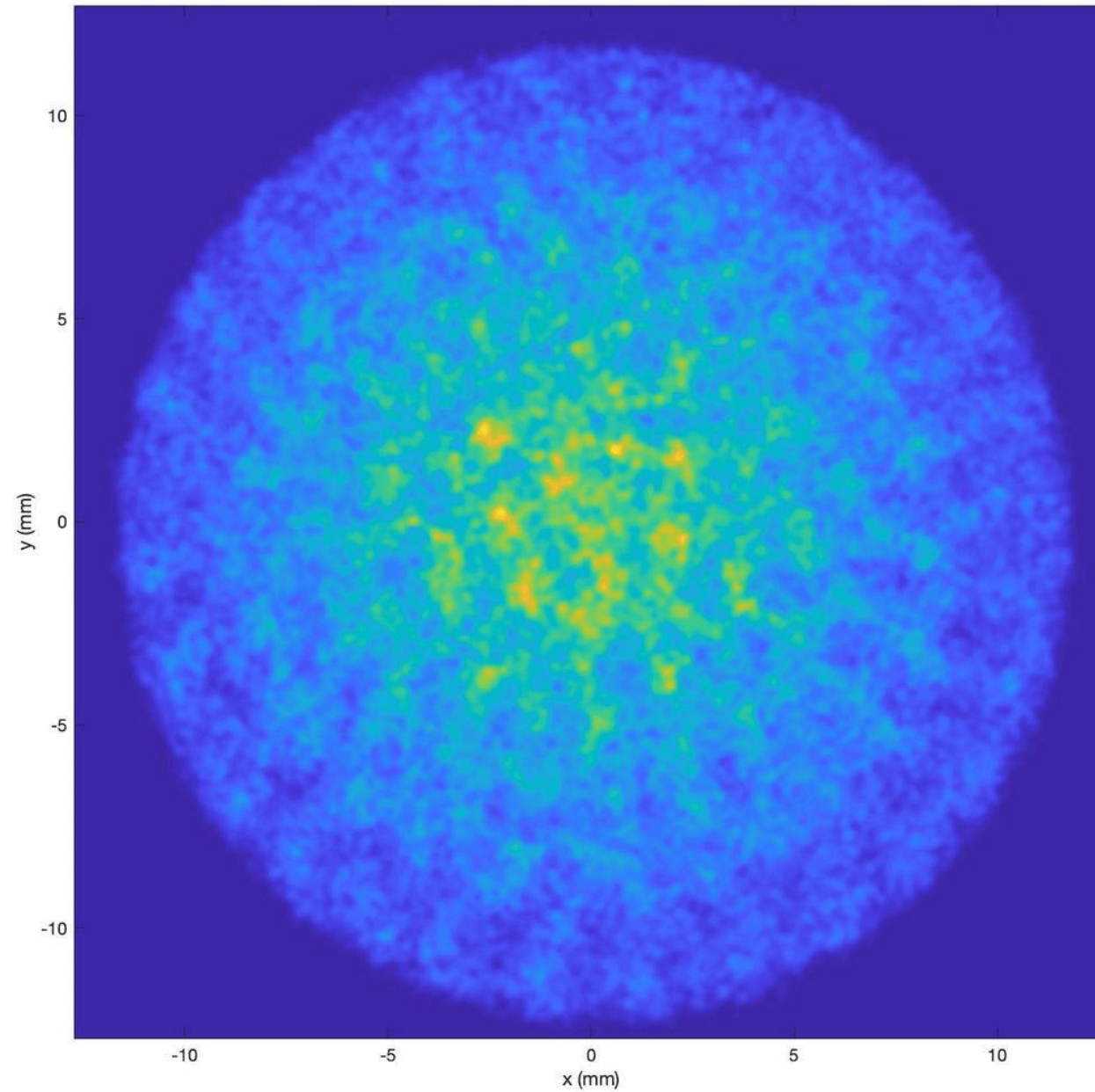


-10% C

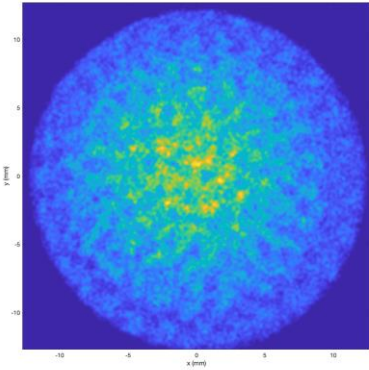


# YAG 2

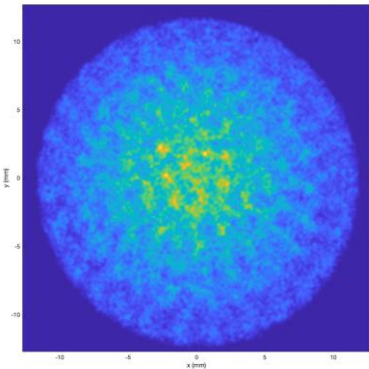
8.9879 m



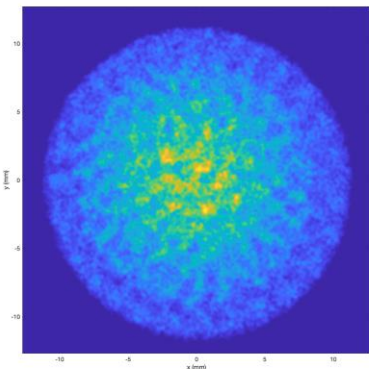
+10% C



reference

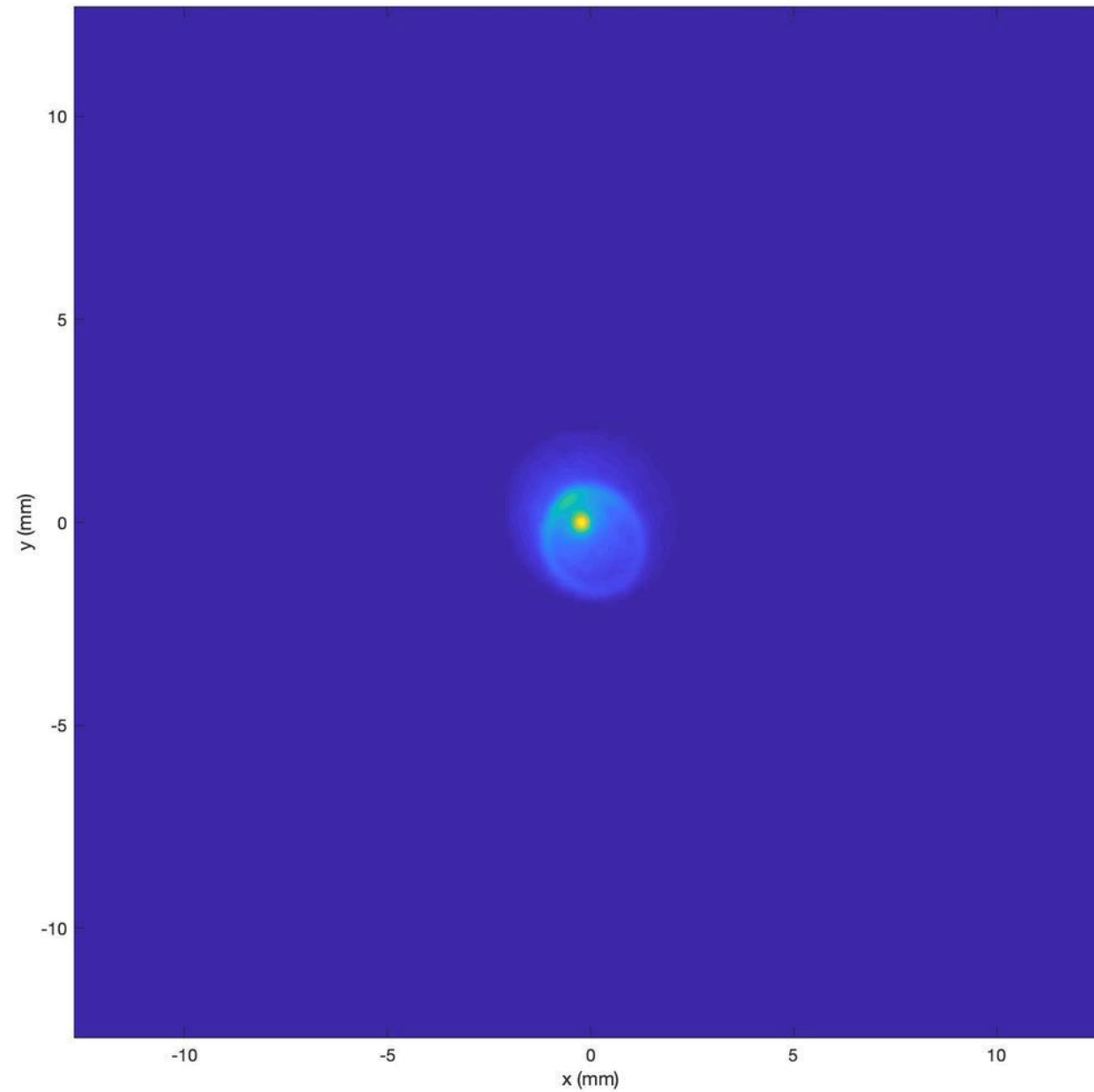


-10% C

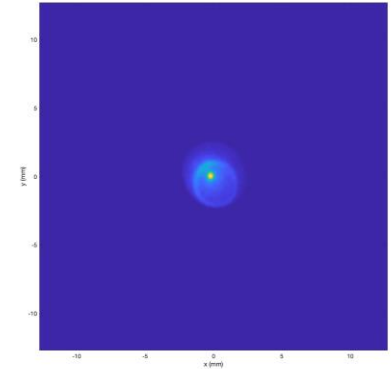


after 704

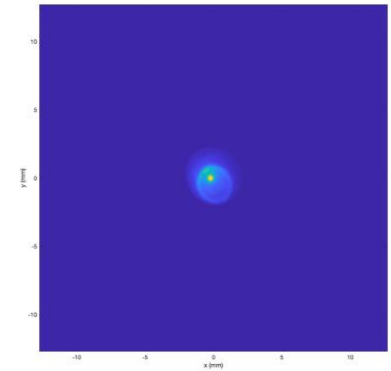
13.500 m



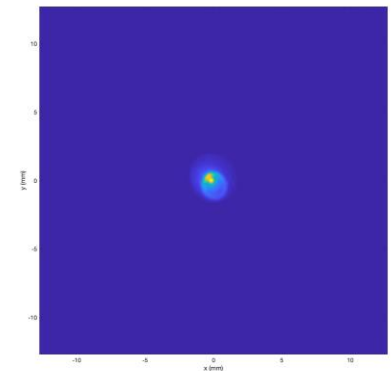
+10% C



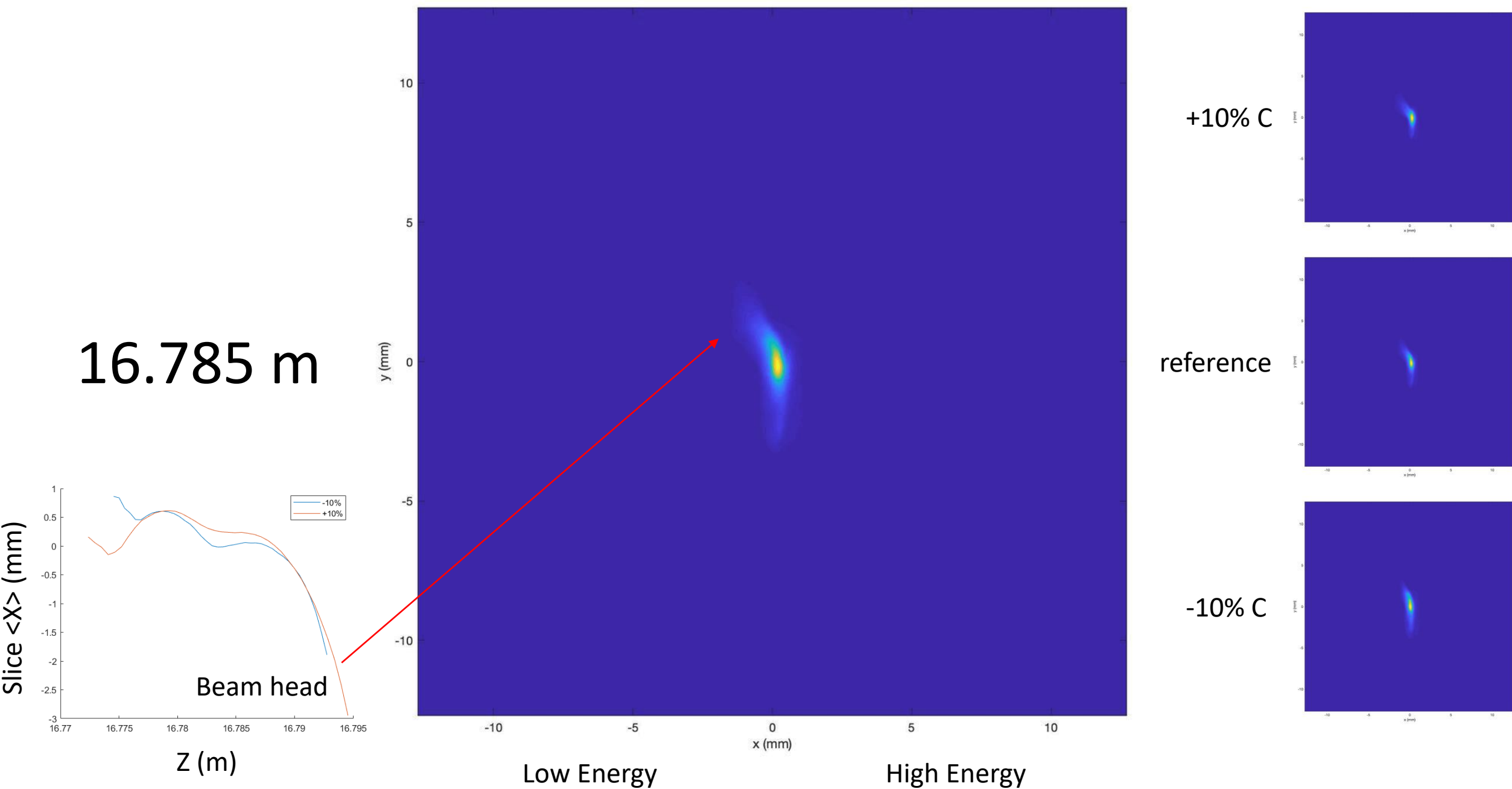
reference



-10% C

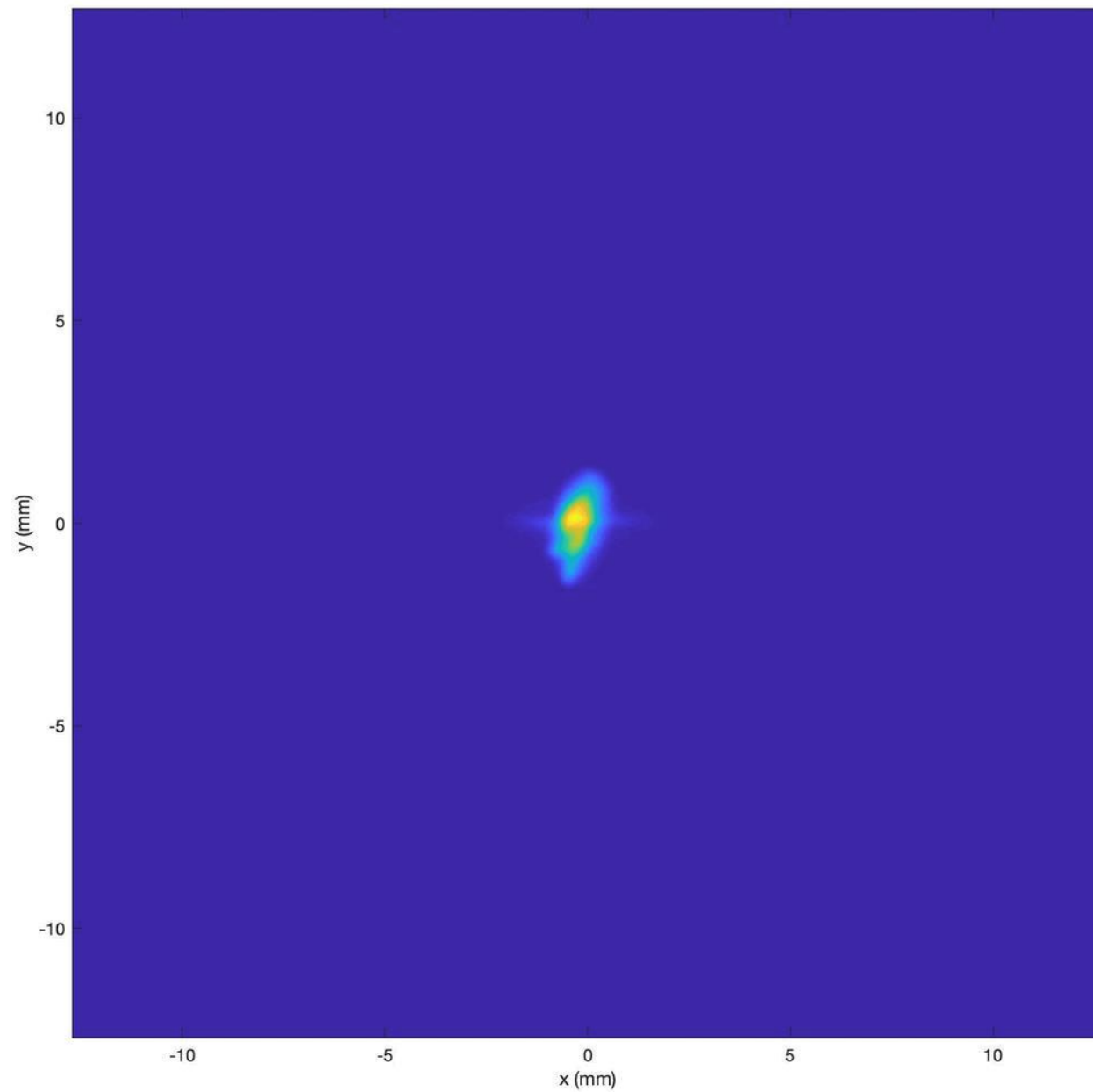
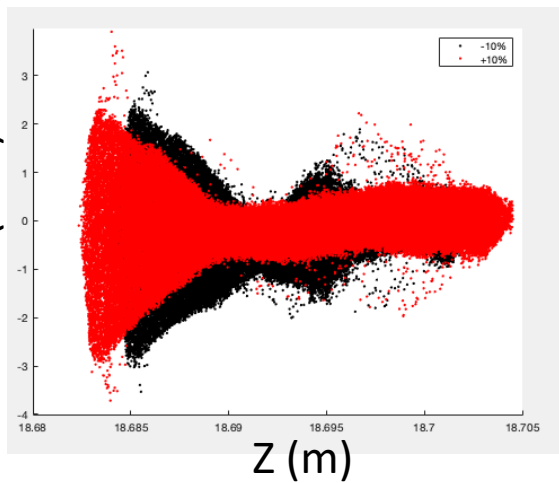


# DL YAG

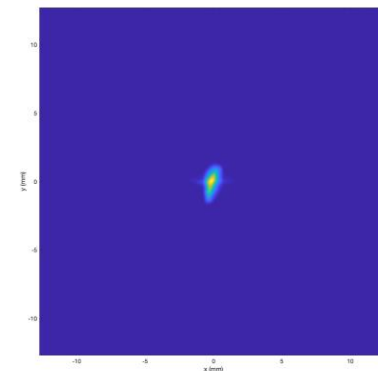


# MBPM

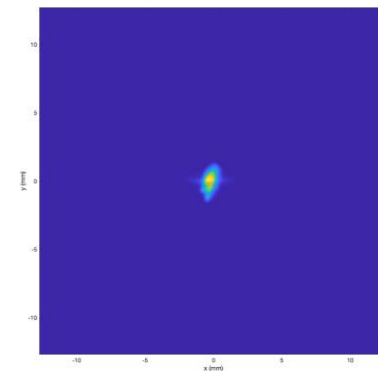
18.694 m



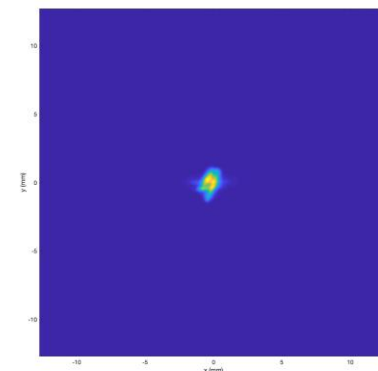
+10% C



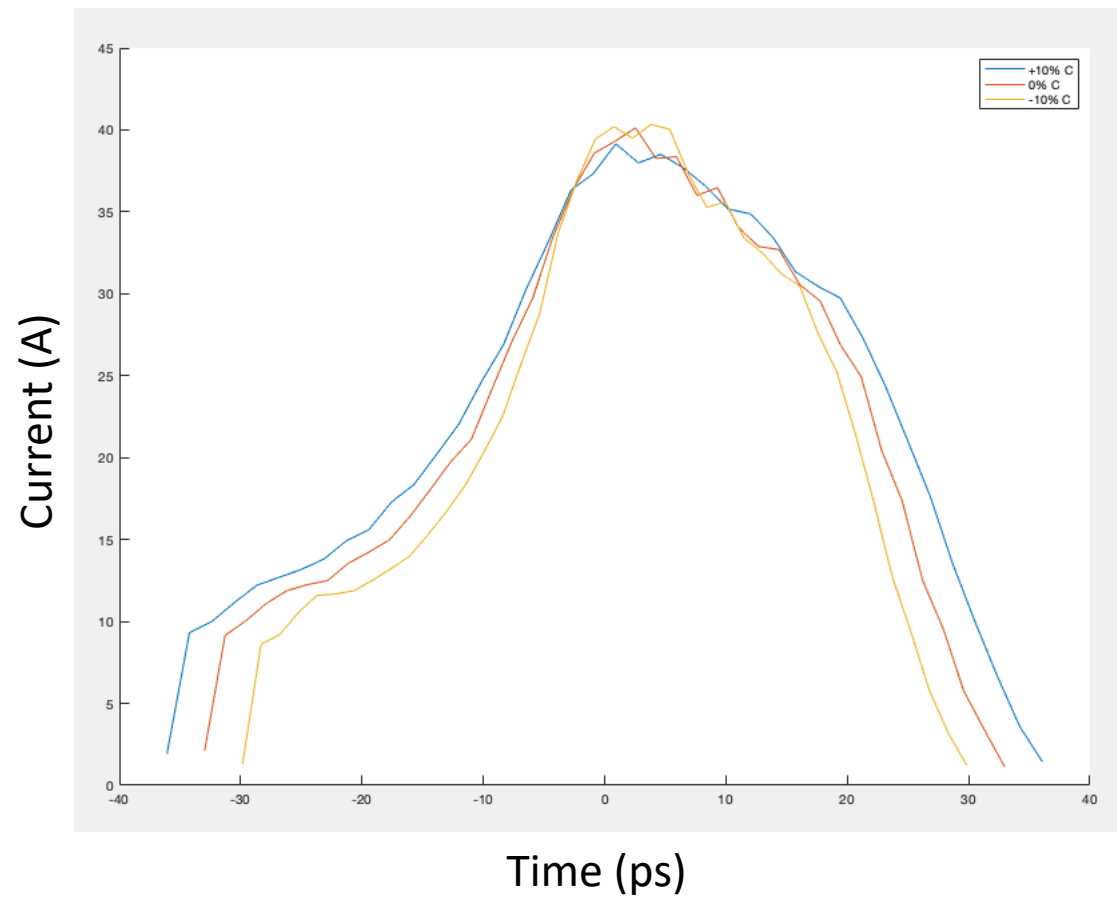
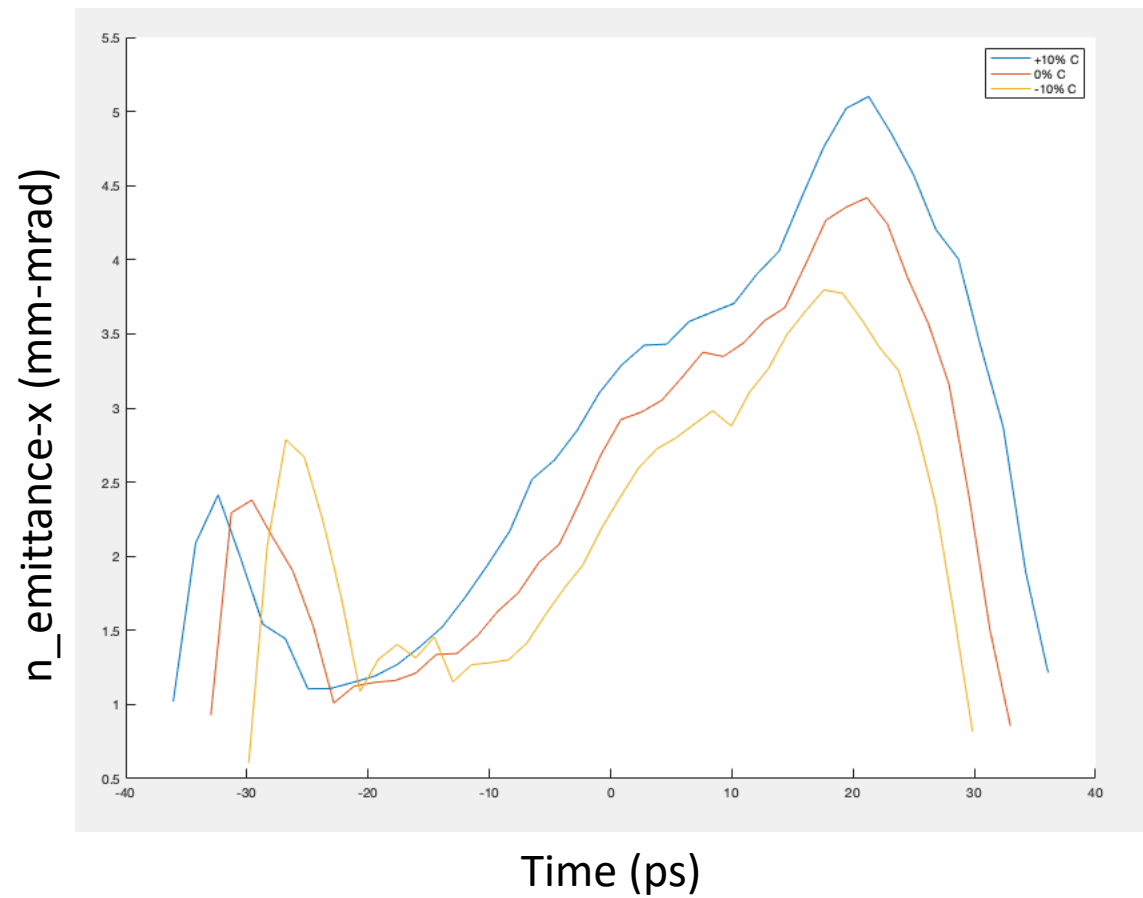
reference



-10% C



# MBPM



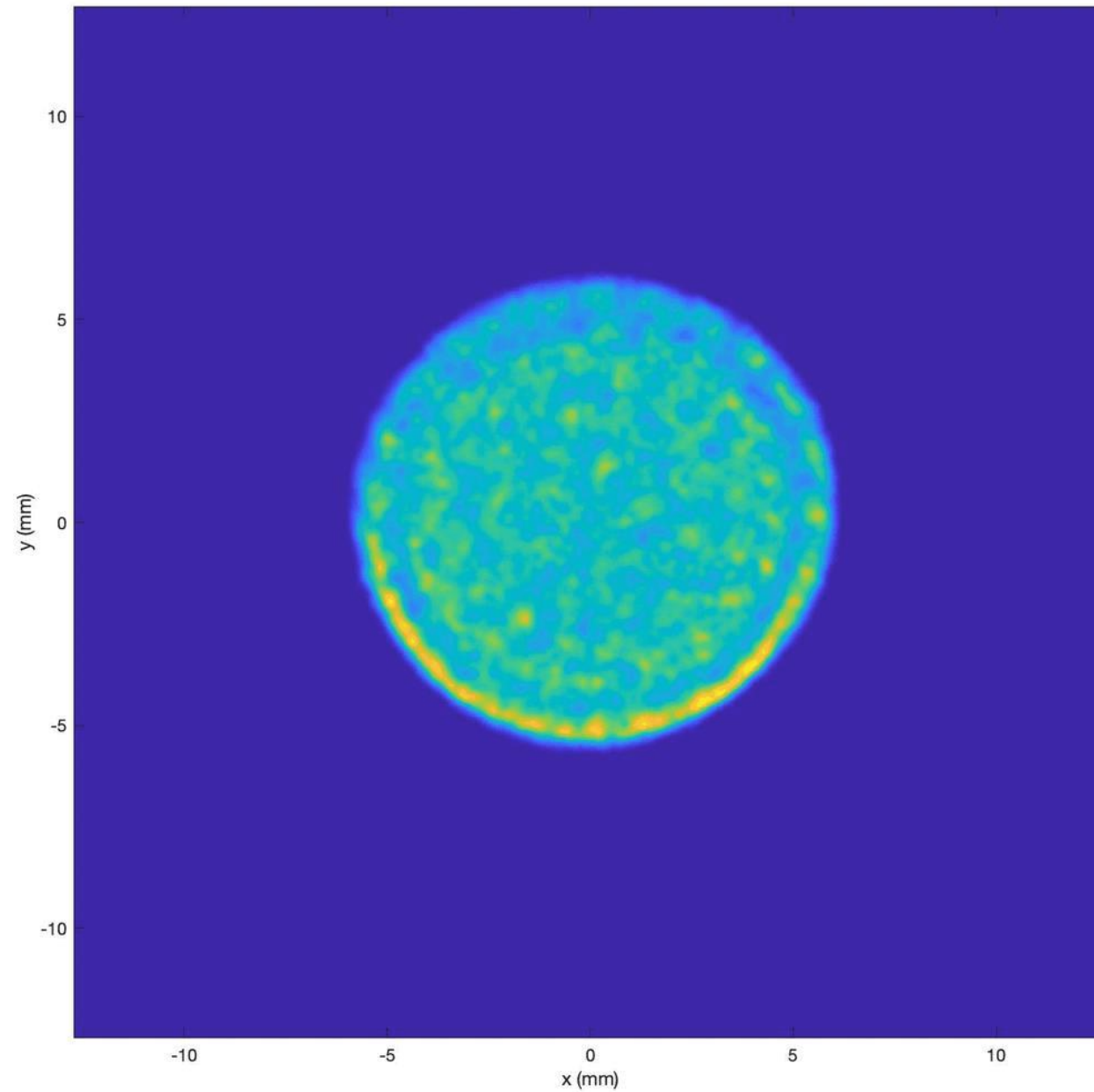
Time = 0 for  $\langle z \rangle$



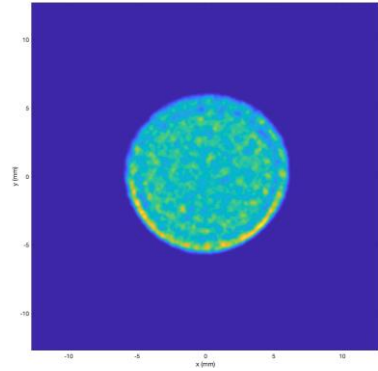
409 CeC  
Edge Simulation 175kV

# YAG 1

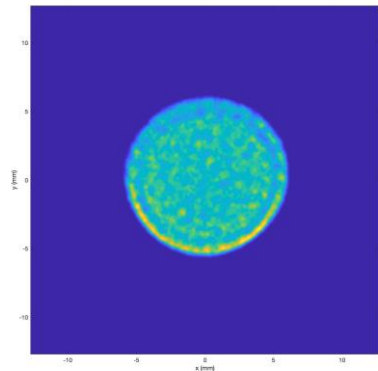
4.2829 m



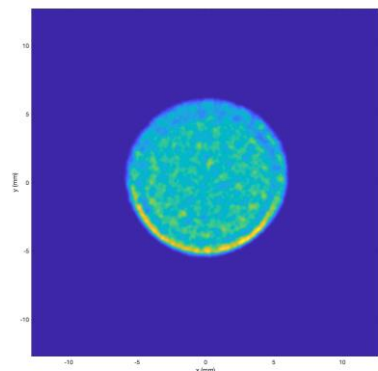
+10% C



reference

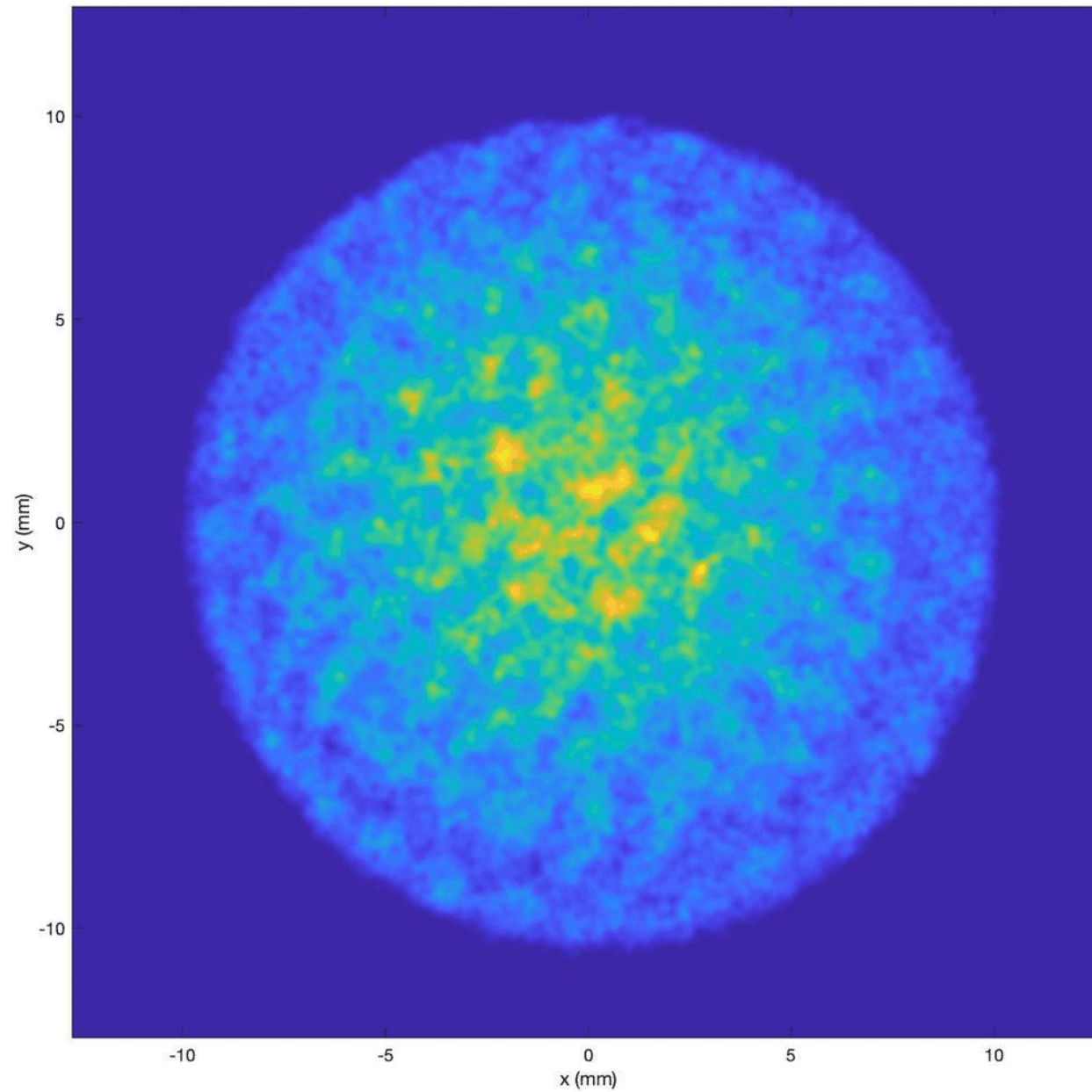


-10% C

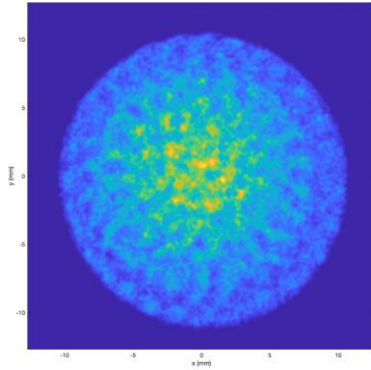


# YAG 2

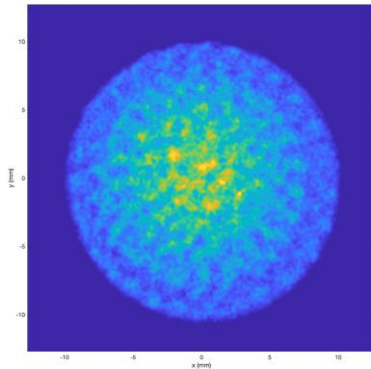
8.9879 m



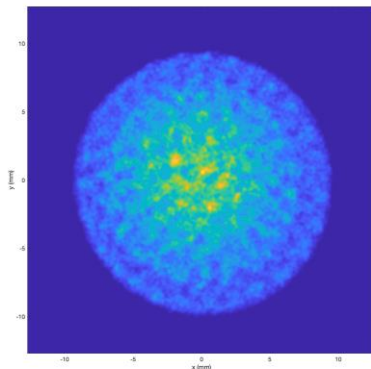
+10% C



reference

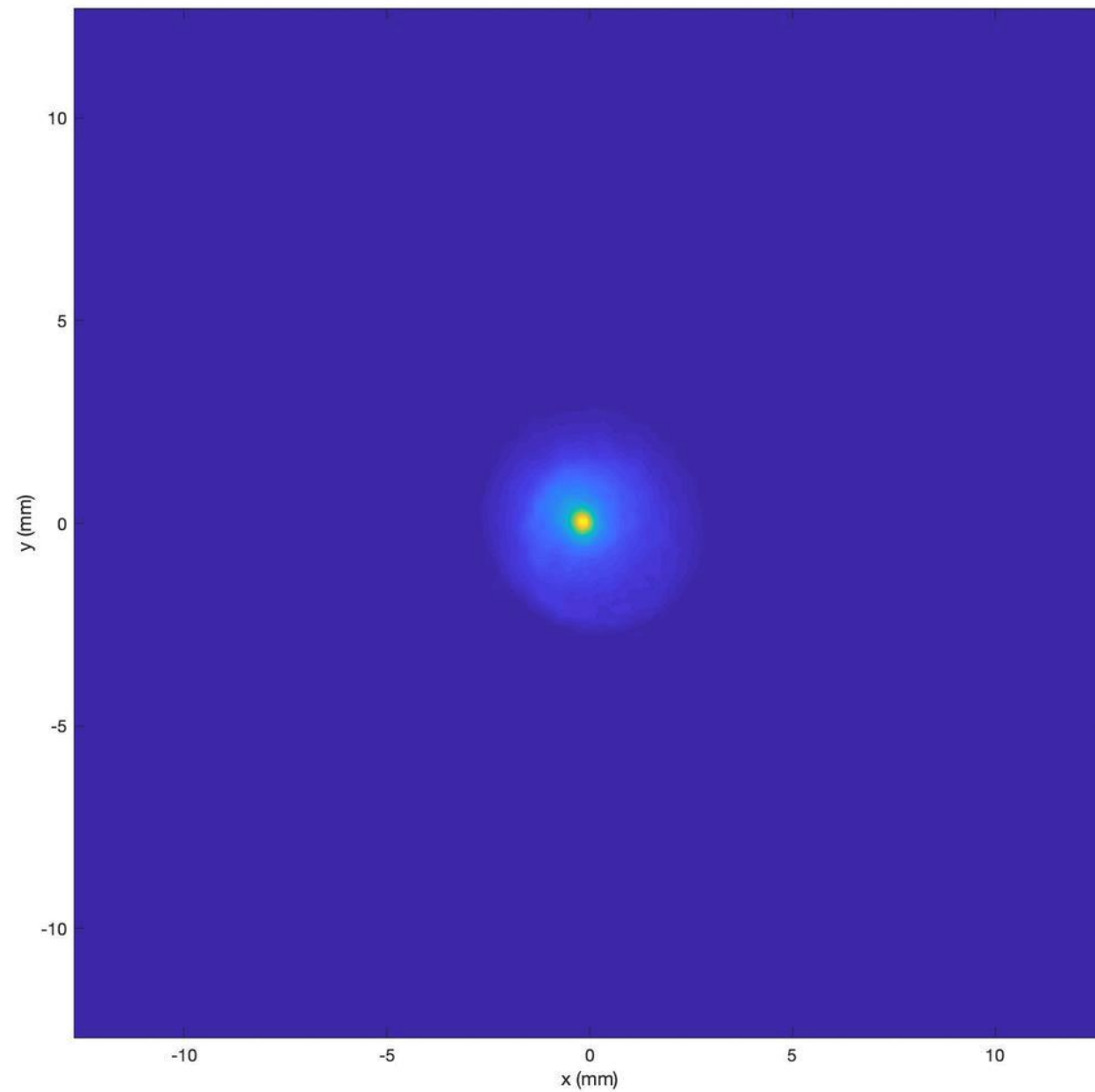


-10% C

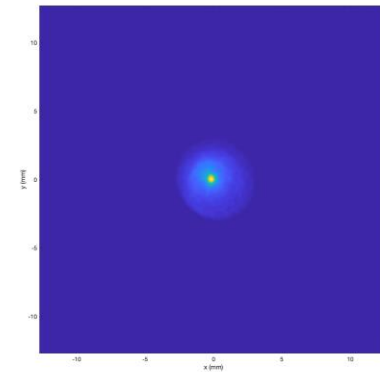


after 704

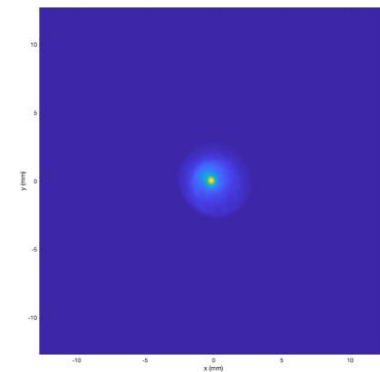
13.500 m



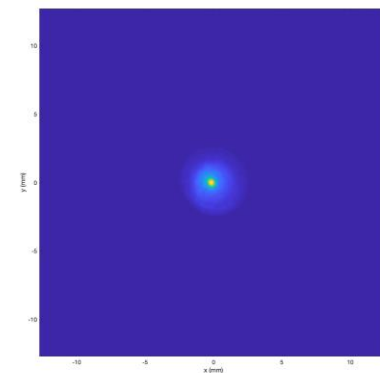
+10% C



reference

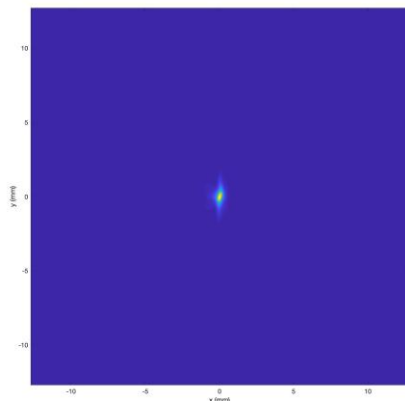


-10% C



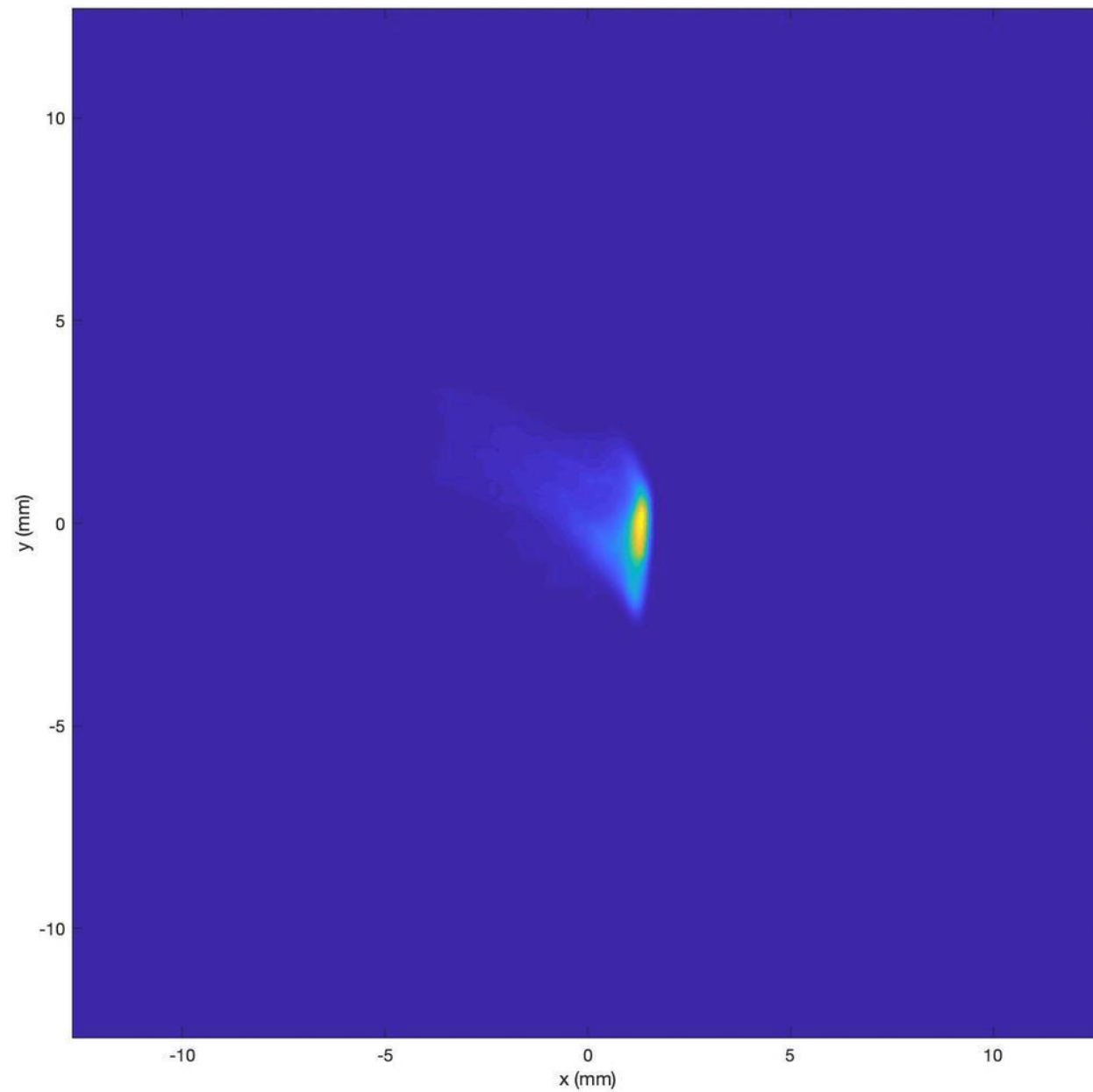
# DL YAG

2D sim.



16.785 m

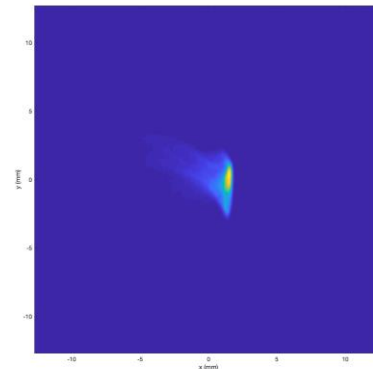
CeC 09/4



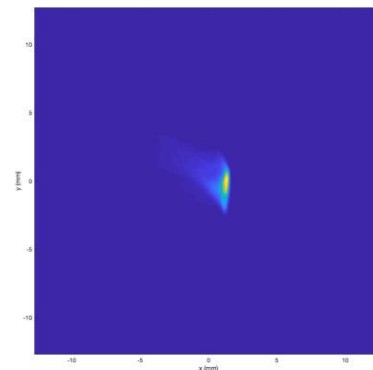
Low Energy

High Energy

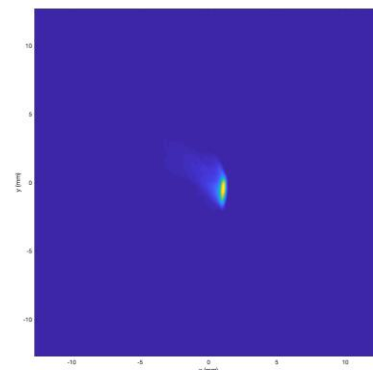
+10% C



reference

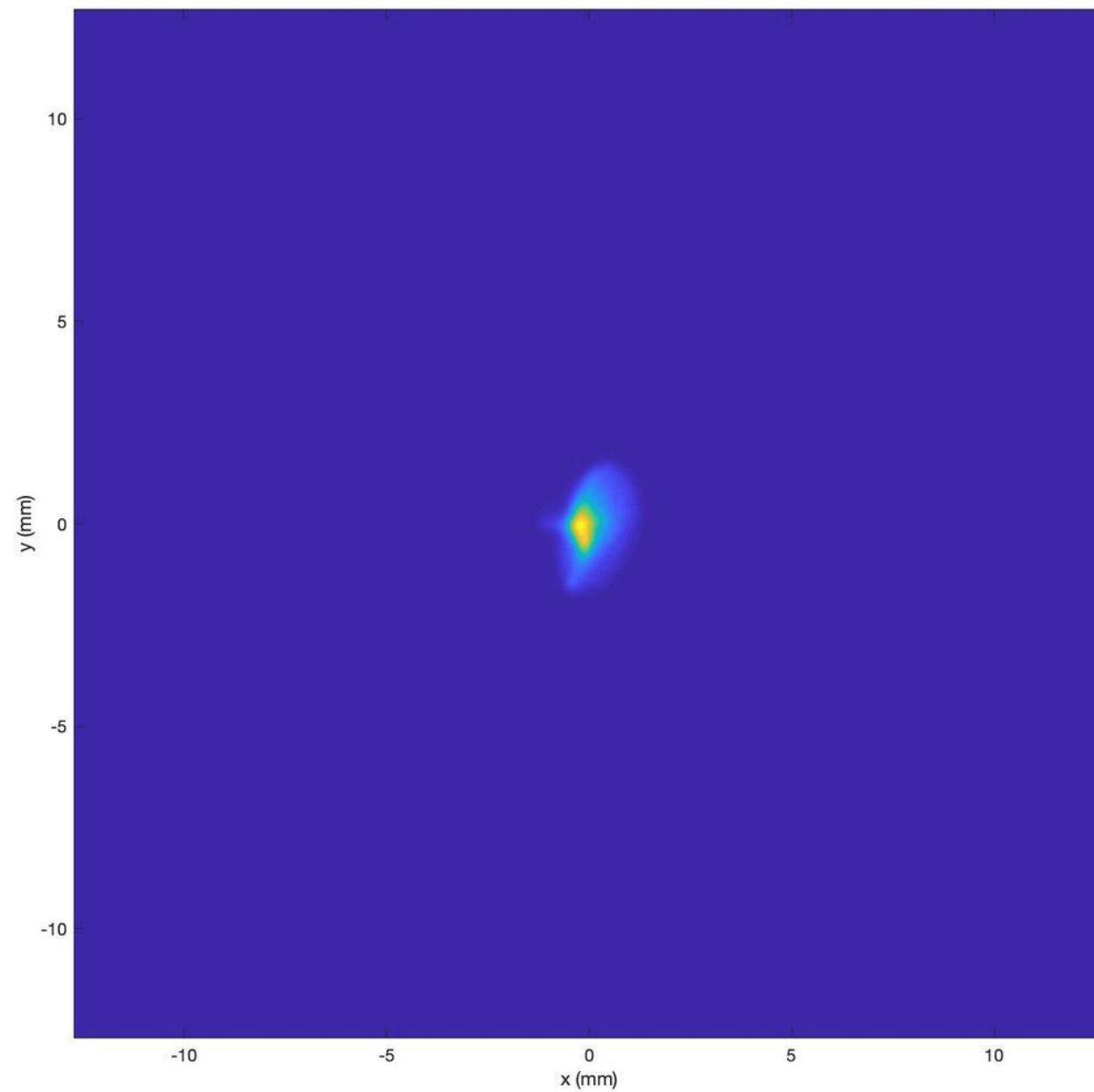


-10% C

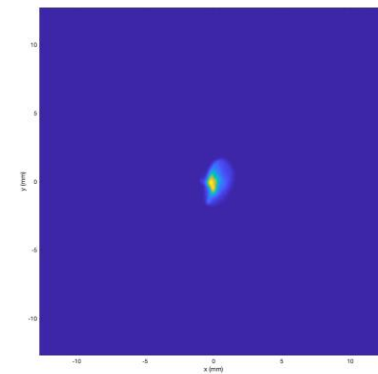


# MBPM

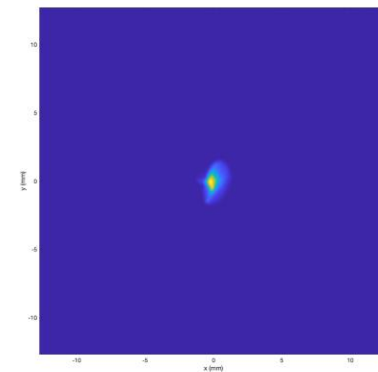
18.694 m



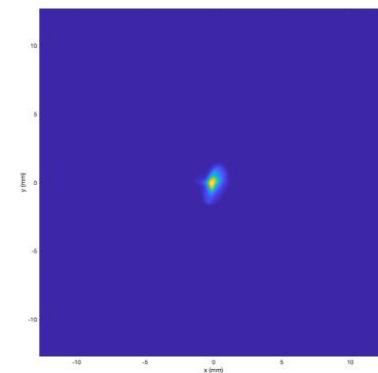
+10% C

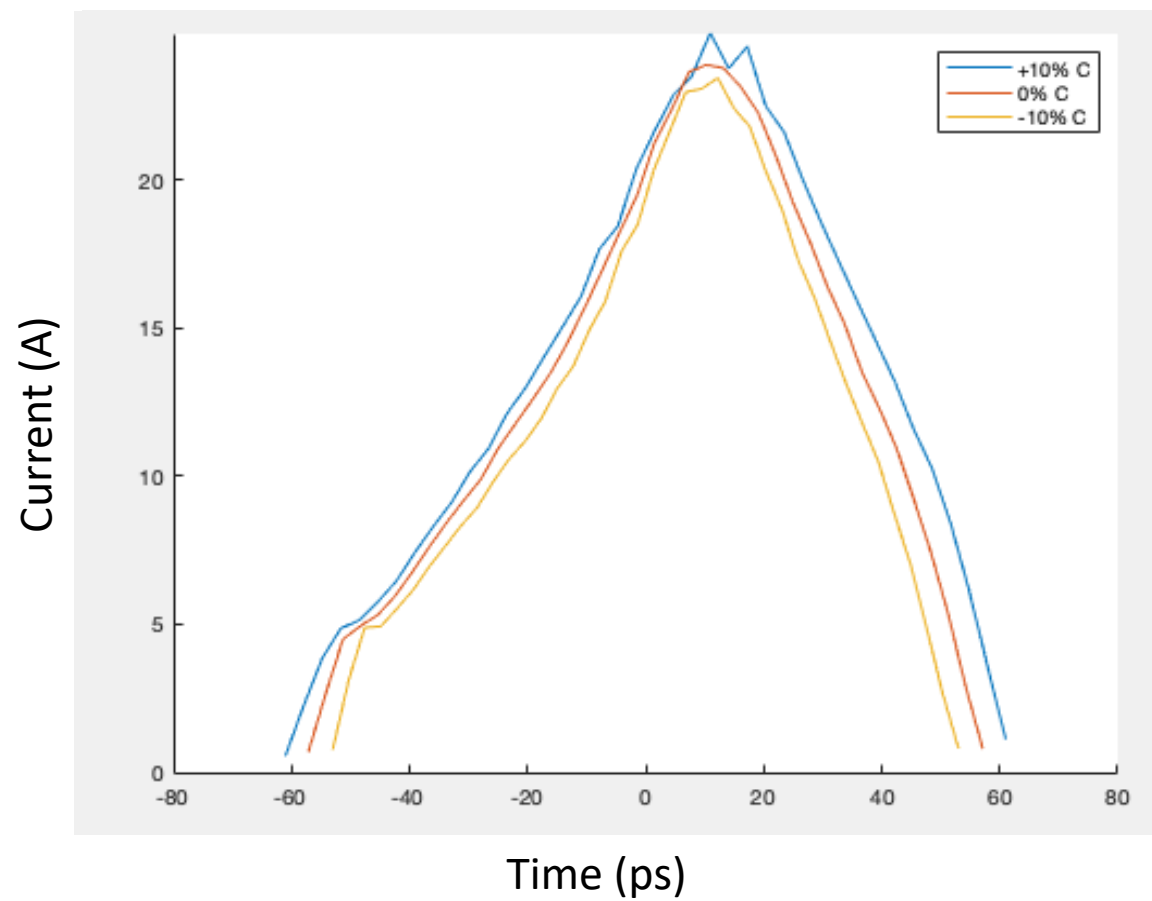
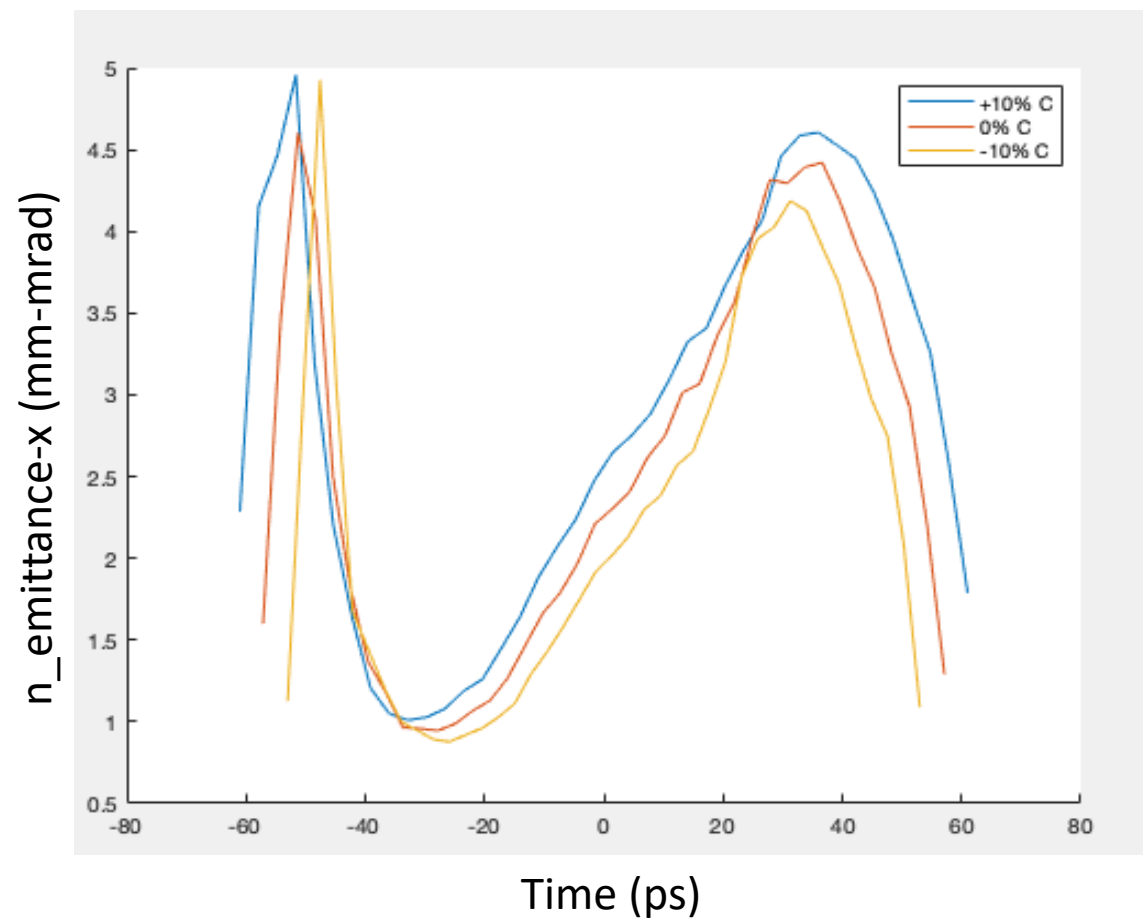


reference



-10% C





Time = 0 for  $\langle z \rangle$