

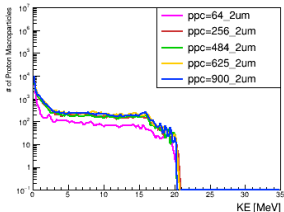
# LhARA Capture Meeting

Hin Tung Lau

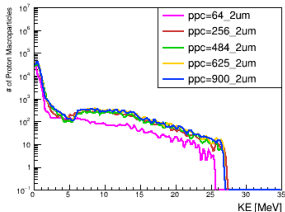
July 2, 2020

# Convergence

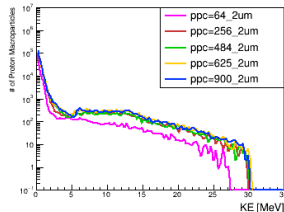
Time = 249 [fs]



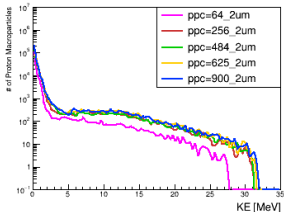
Time = 389 [fs]



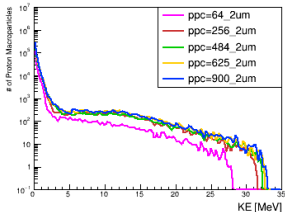
Time = 534 [fs]



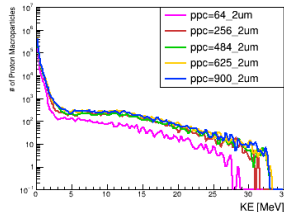
Time = 673 [fs]



Time = 818 [fs]



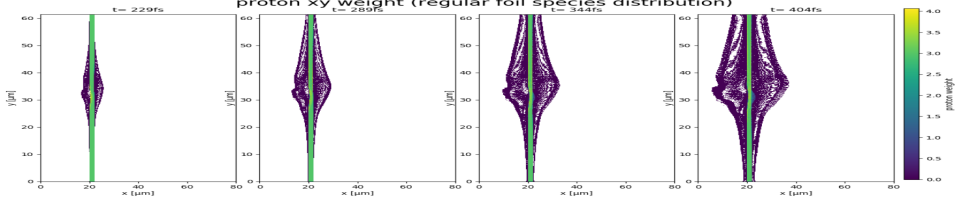
Time = 963 [fs]



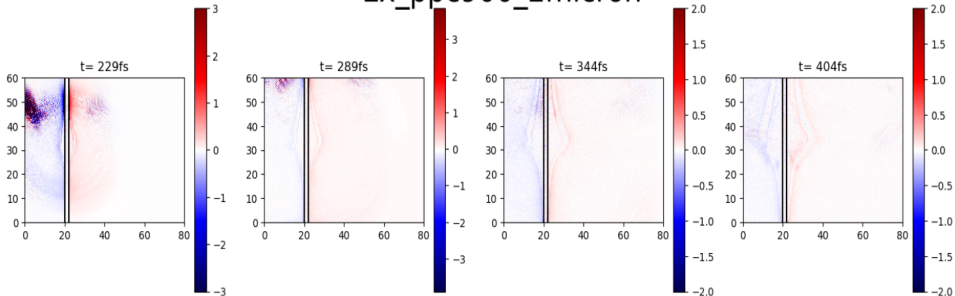
Looks like a ppc value between 256 and 484 is sufficient.

# ppc=900: Longitudinal electric field and proton distribution

proton xy weight (regular foil species distribution)

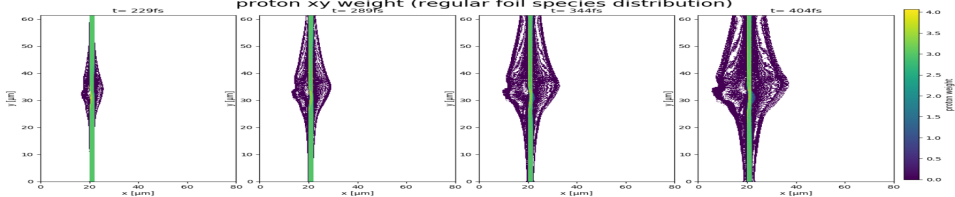


Ex\_ppc900\_2micron

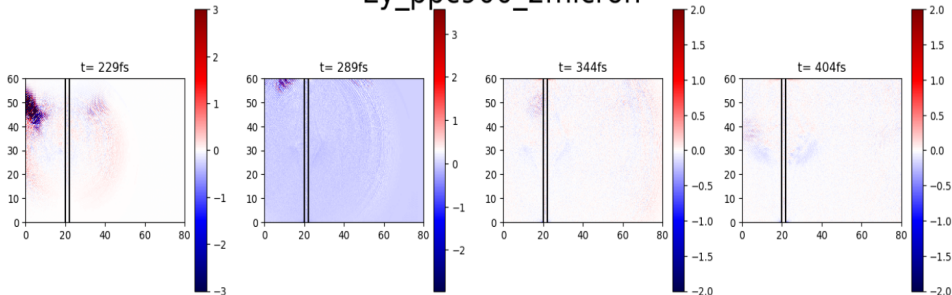


# ppc=900: Transverse electric field and proton distribution

proton xy weight (regular foil species distribution)

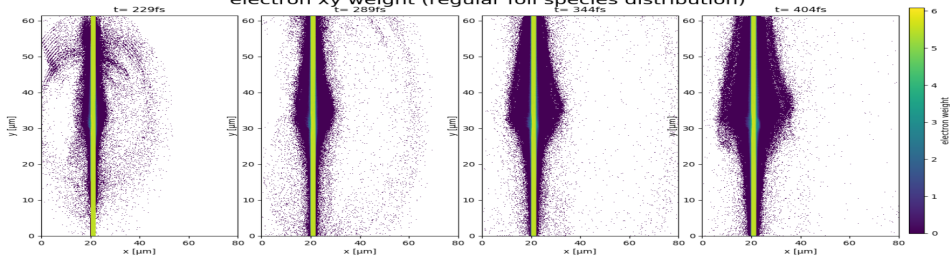


$E_y$ \_ppc900\_2micron



# Backup

electron xy weight (regular foil species distribution)



carbon xy weight (regular foil species distribution)

