

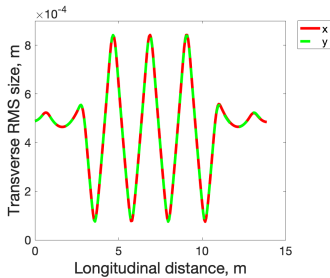
CeC Physics

Jun Ma

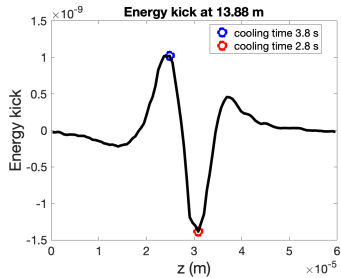
Collider-Accelerator Department
Brookhaven National Laboratory

7/22/2022

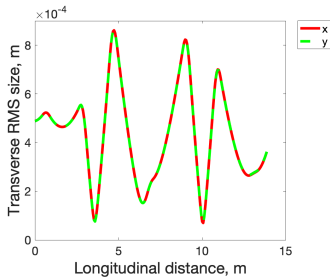
- Peak current 50 A, KV emittance $6 \mu\text{m}$, energy spread $2\text{e-}4$
- Sol345 at different currents



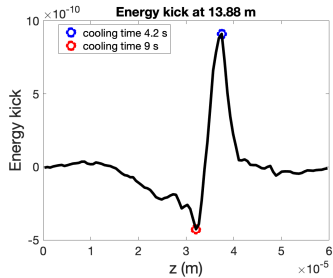
(a)



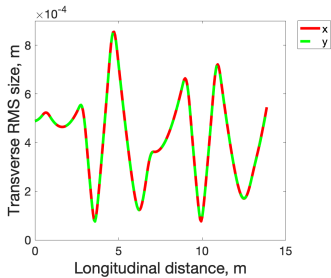
(b)



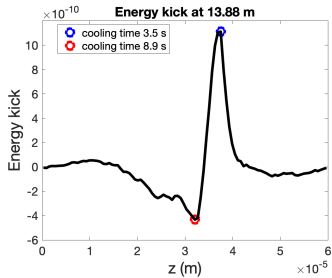
(a)



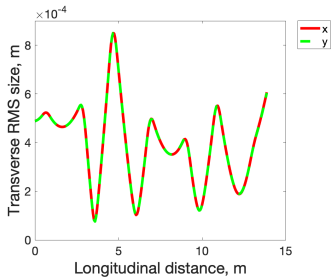
(b)



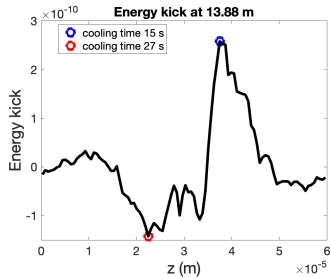
(a)



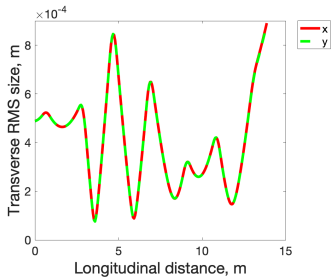
(b)



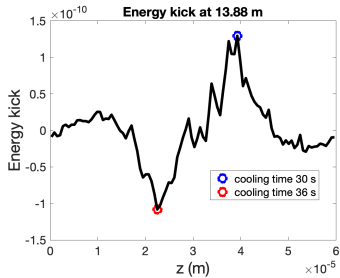
(a)



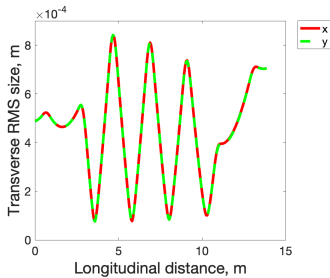
(b)



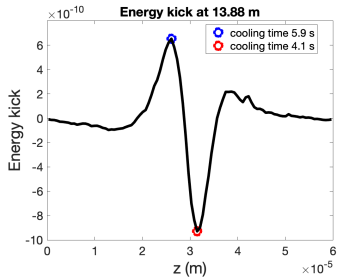
(a)



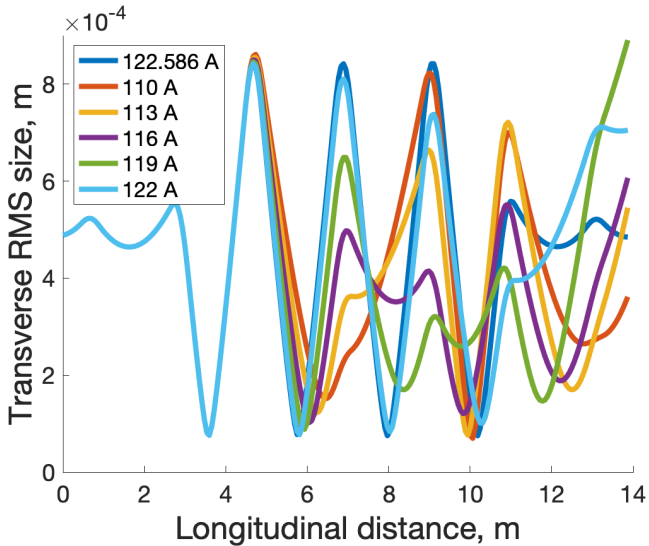
(b)



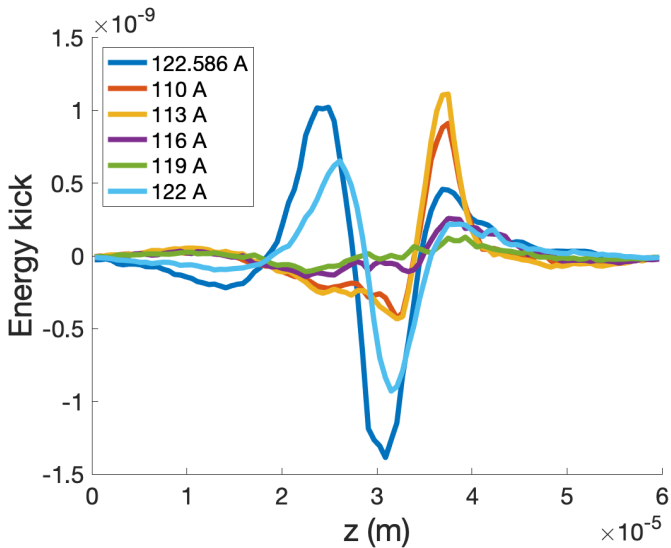
(a)



(b)



(a)



(a)