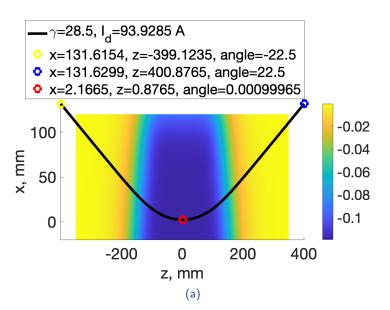
CeC Physics

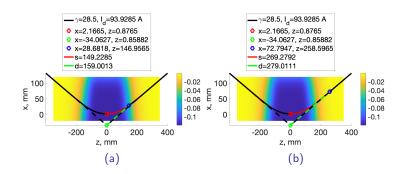
Jun Ma

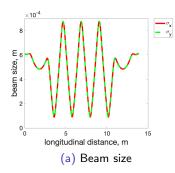
Collider-Accelerator Department Brookhaven National Laboratory

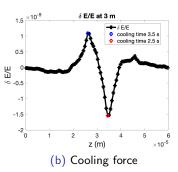
7/2/2021

- Center of 2nd dipole to Sol 1: 0.959 m
- Sol 1 to Sol 2: 2.2 m
- Previous simulation uses 3 m modulator, which starts 0.159 m after center of 2nd dipole.
- Current simulation uses 2.88 m modulator, which starts 0.279 m after center of 2nd dipole.
- Initial condition: normalized KV emittance 7e-6 (RMS 1.75e-6), β 6 m, α 0.4.

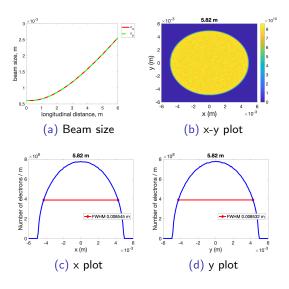




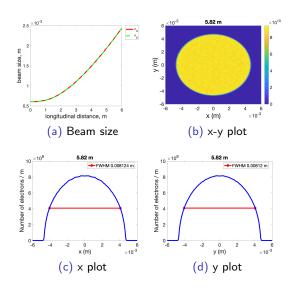




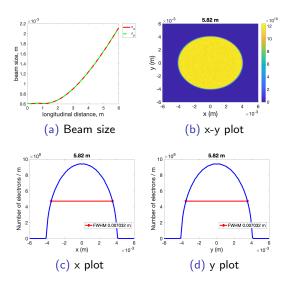
Common Sol 1 at 0 A



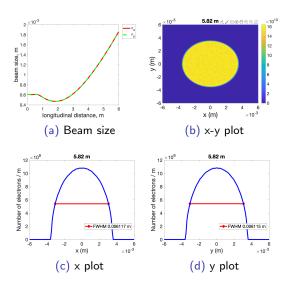
Common Sol 1 at 20 A



Common Sol 1 at 40 A



Common Sol 1 at 60 A



Common Sol 1 at 80 A

