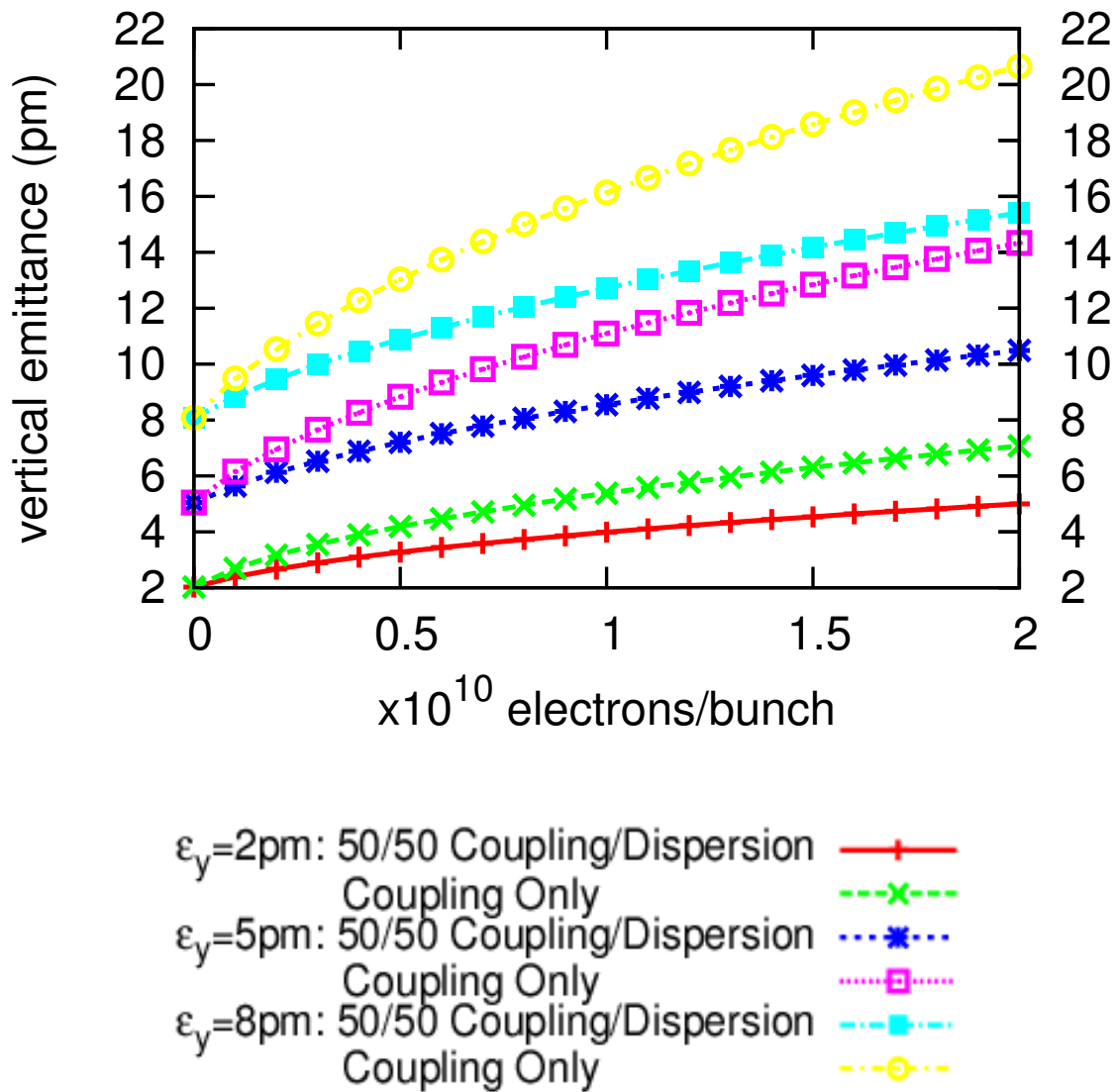
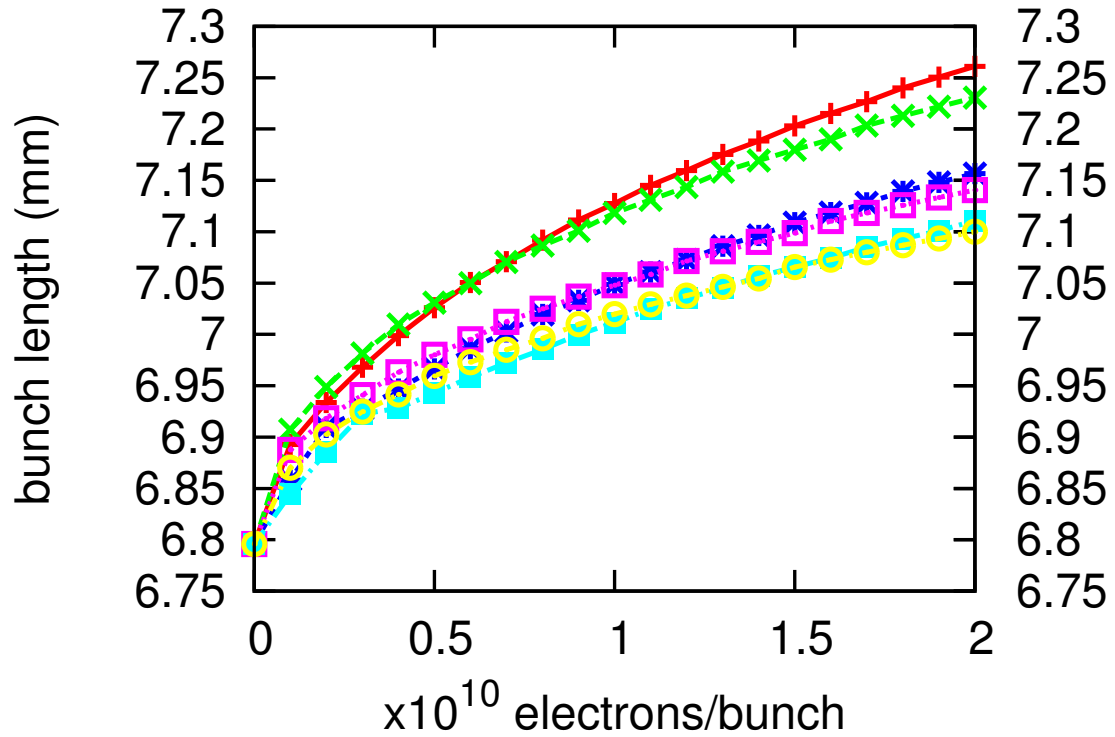


Selected plots from CesrTF proposal

IBS Vertical Emittance Growth: 2.0 GeV $V_{rf}=15$ MV

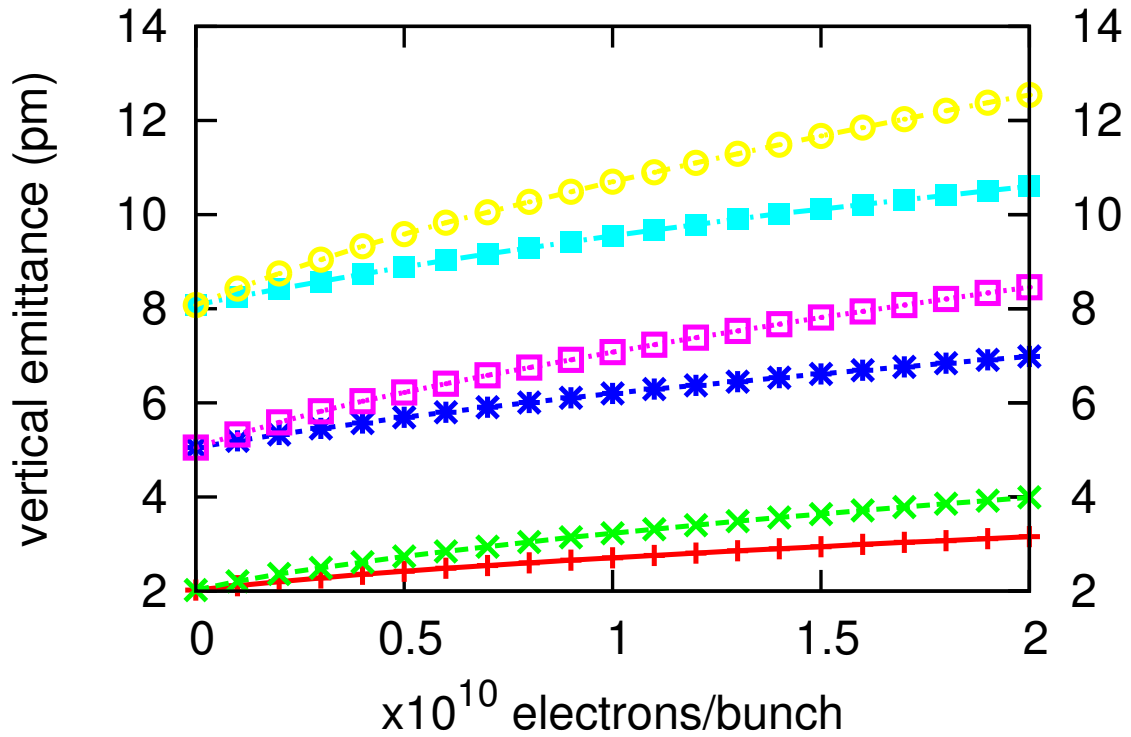


IBS Bunch Length Growth: 2.0 GeV $V_{rf}=15$ MV



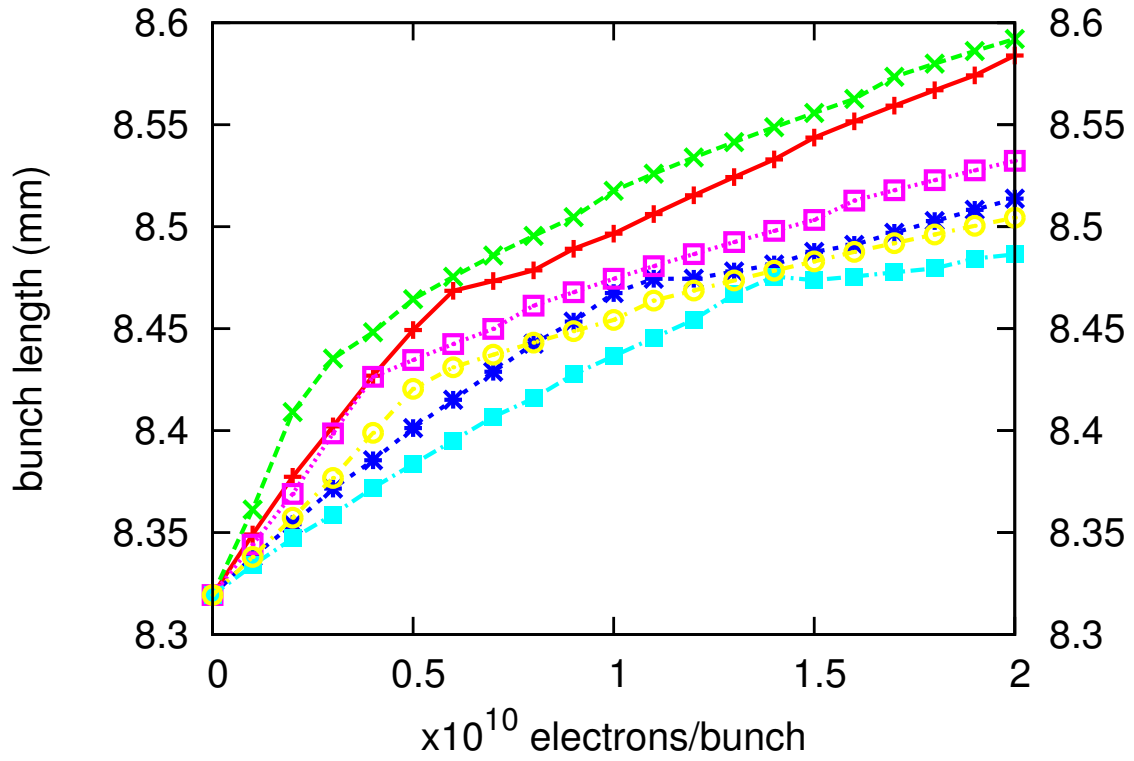
- $\epsilon_y=2\text{pm}$: 50/50 Coupling/Dispersion —+
- Coupling Only - -x-
- $\epsilon_y=5\text{pm}$: 50/50 Coupling/Dispersion ...*
- Coupling Only ...□
- $\epsilon_y=8\text{pm}$: 50/50 Coupling/Dispersion - · - · □
- Coupling Only - · - · ○

IBS Vertical Emittance Growth: 2.5 GeV $V_{rf}=15$ MV



- $\epsilon_y=2\text{pm}$: 50/50 Coupling/Dispersion —+
- Coupling Only - - x - -
- $\epsilon_y=5\text{pm}$: 50/50 Coupling/Dispersion ...*
- Coupling Only ...□
- $\epsilon_y=8\text{pm}$: 50/50 Coupling/Dispersion - - □ - -
- Coupling Only - - ○ - -

IBS Bunch Length Growth: 2.5 GeV $V_{rf}=15$ MV



$\epsilon_y=2\text{pm}$: 50/50 Coupling/Dispersion ———+—————
 Coupling Only ———x—————
 $\epsilon_y=5\text{pm}$: 50/50 Coupling/Dispersion*.....
 Coupling Only□.....
 $\epsilon_y=8\text{pm}$: 50/50 Coupling/Dispersion -.-.-■-.-.-
 Coupling Only -.-.-○-.-.-