

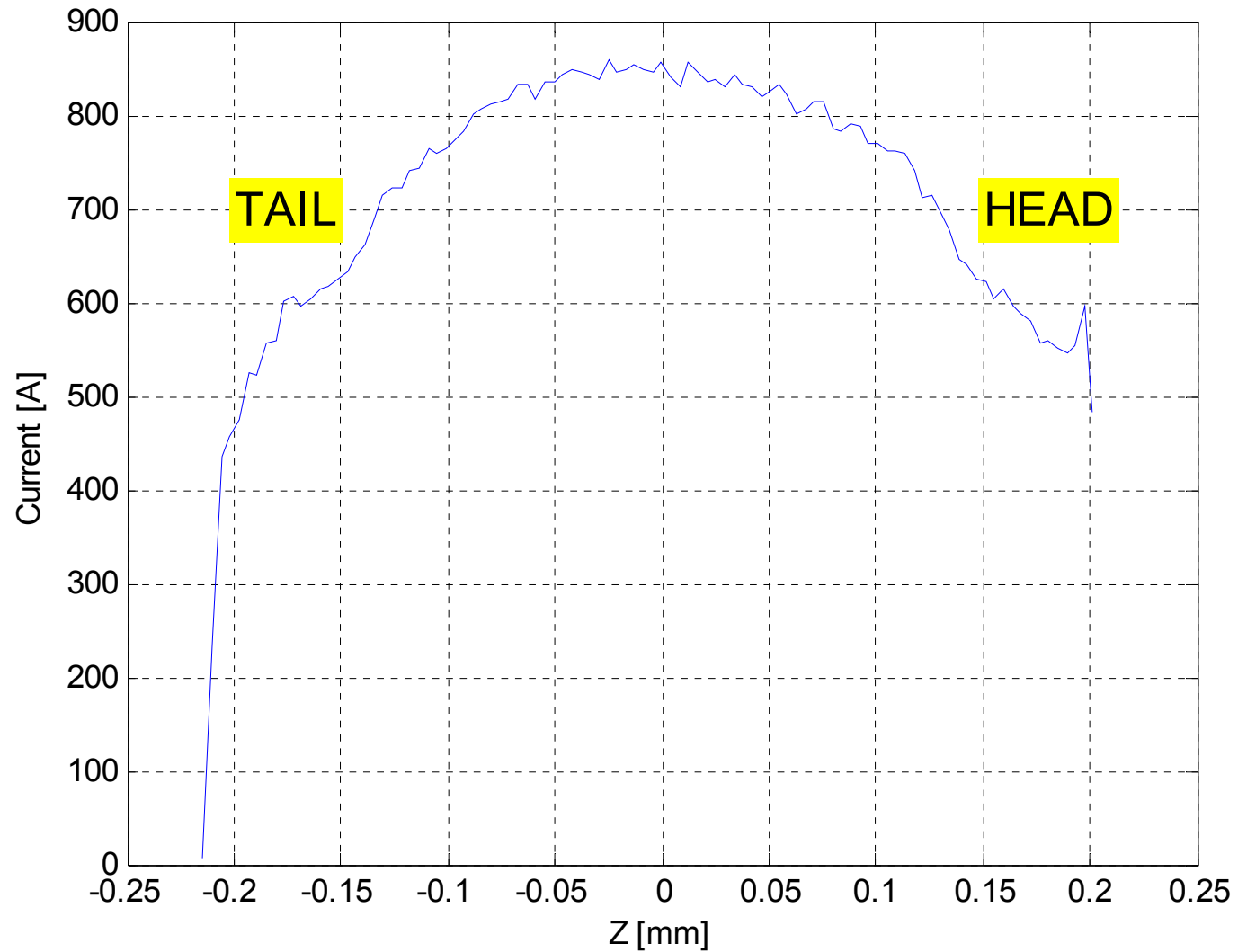
XFEL 20 GeV with double chicane.
With CSR

MAIN BEAM PARAMETERS AT Z=94.5 METERS
(1 meter upstream BC2)
FROM ELEGANT OUTPUTS
(200 k particules, 100 slices)

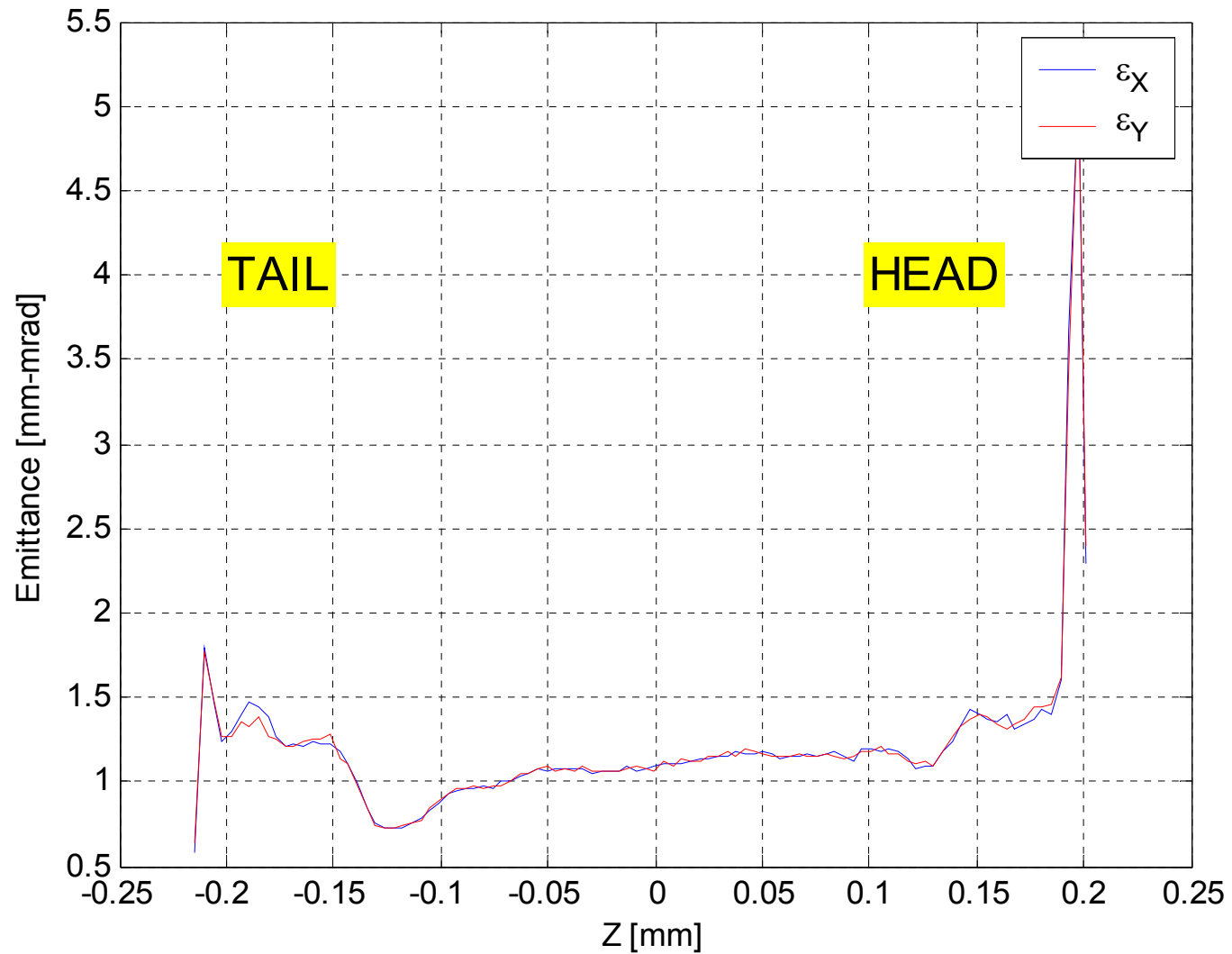
PARAMETERS AT Z = 9.453712E+001 METERS (FROM ELEGANT OUTPUT FILE)

ALPHA X	2.126479E+000
BETA X [m-1]	4.338695E+001
ALPHA Y	2.342957E+000
BETA Y [m-1]	4.910461E+001
SIGMA X [m]	2.513730E-004
SIGMA Y [m]	2.515860E-004
SIGMA Z [m]	1.124078E-004
RMS EMIT X [m-rad]	1.429026E-006
RMS EMIT Y [m-rad]	1.301939E-006
TOTAL ENERGY [MeV]	5.114112E+002
ENERGY SPREAD	1.873313E-002

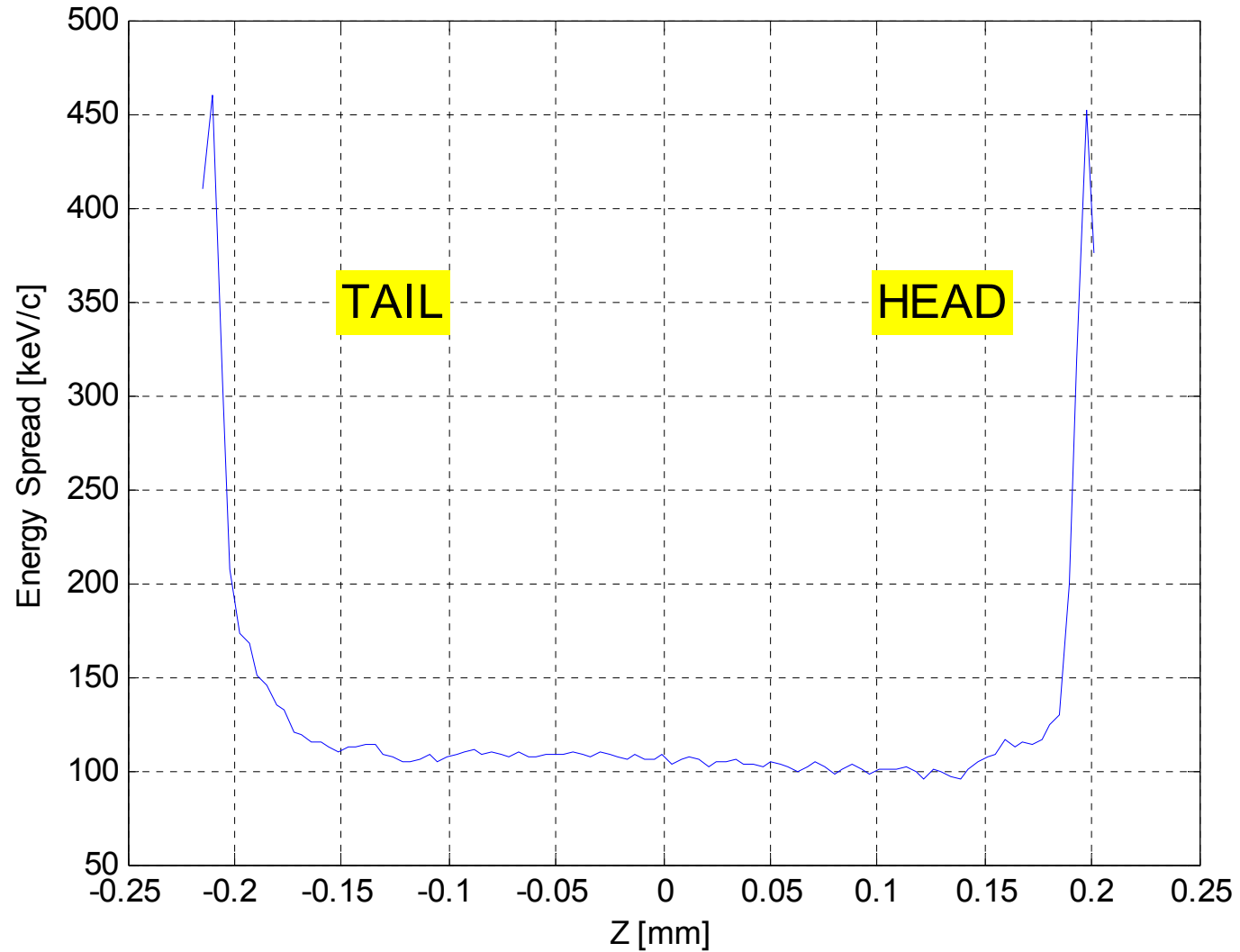
Current Distribution UBC2 XFEL / 1 nC Case

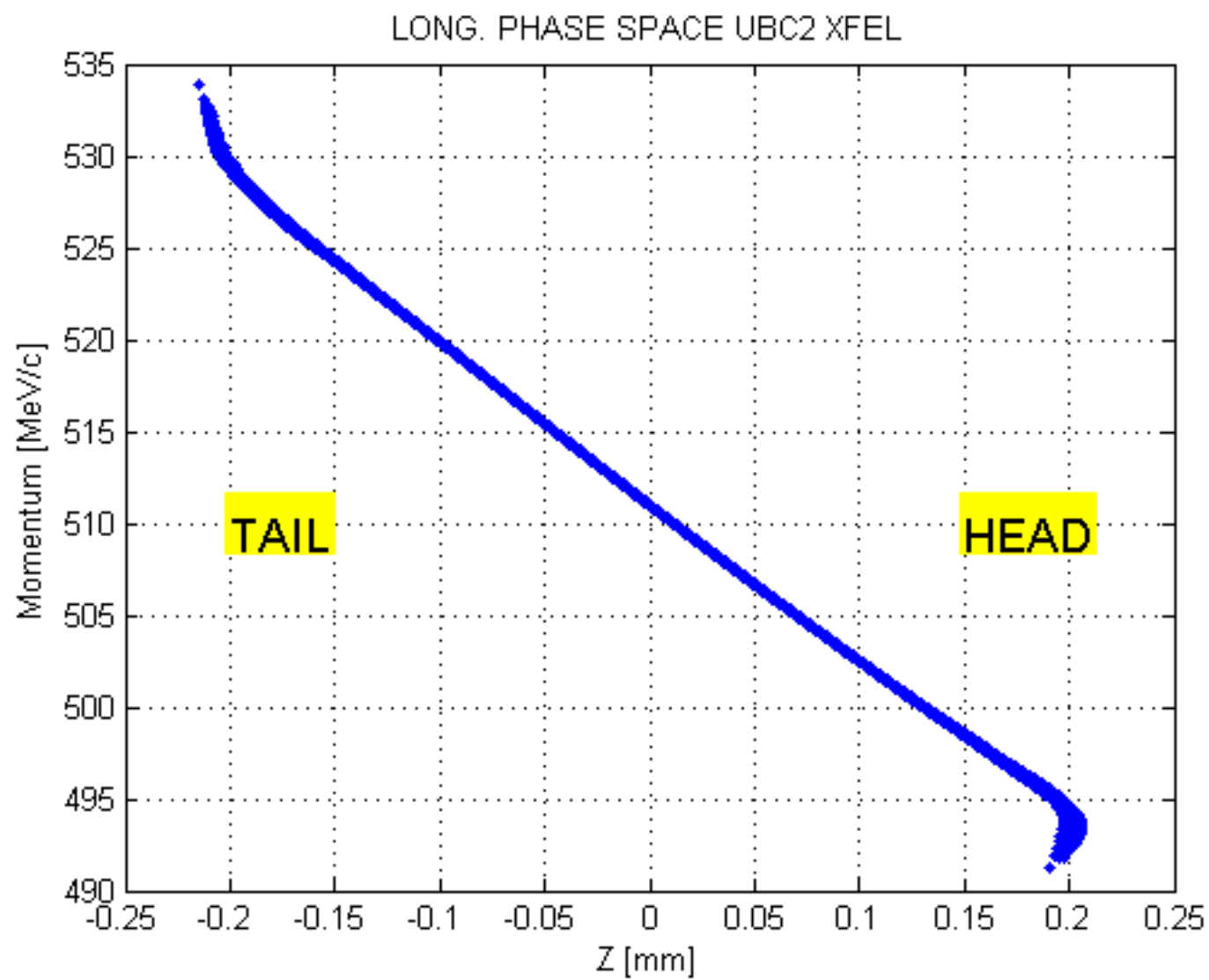


Slice Emittance End Linac / 1 nC Case

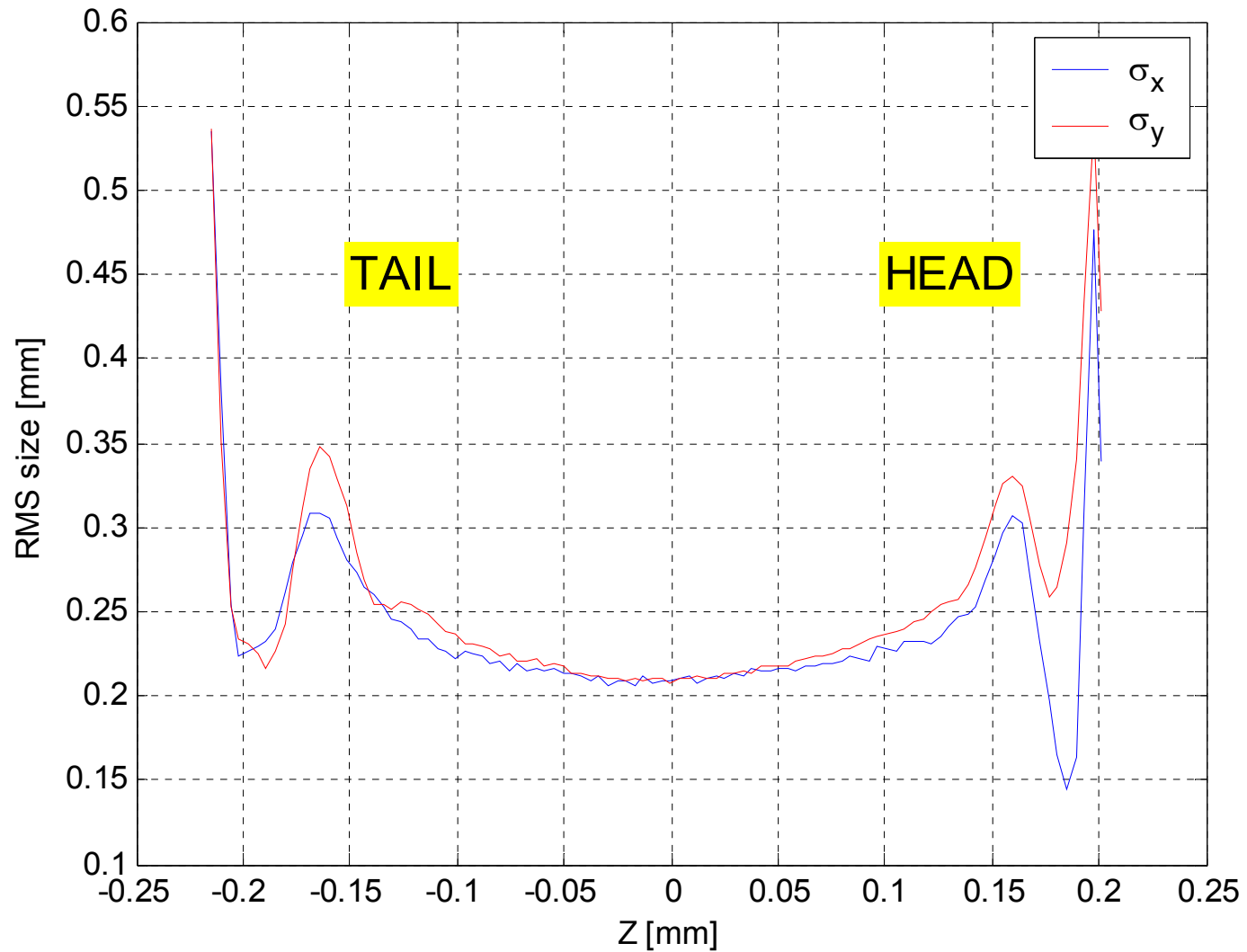


Slice Energy Spread End Linac / 1 nC Case

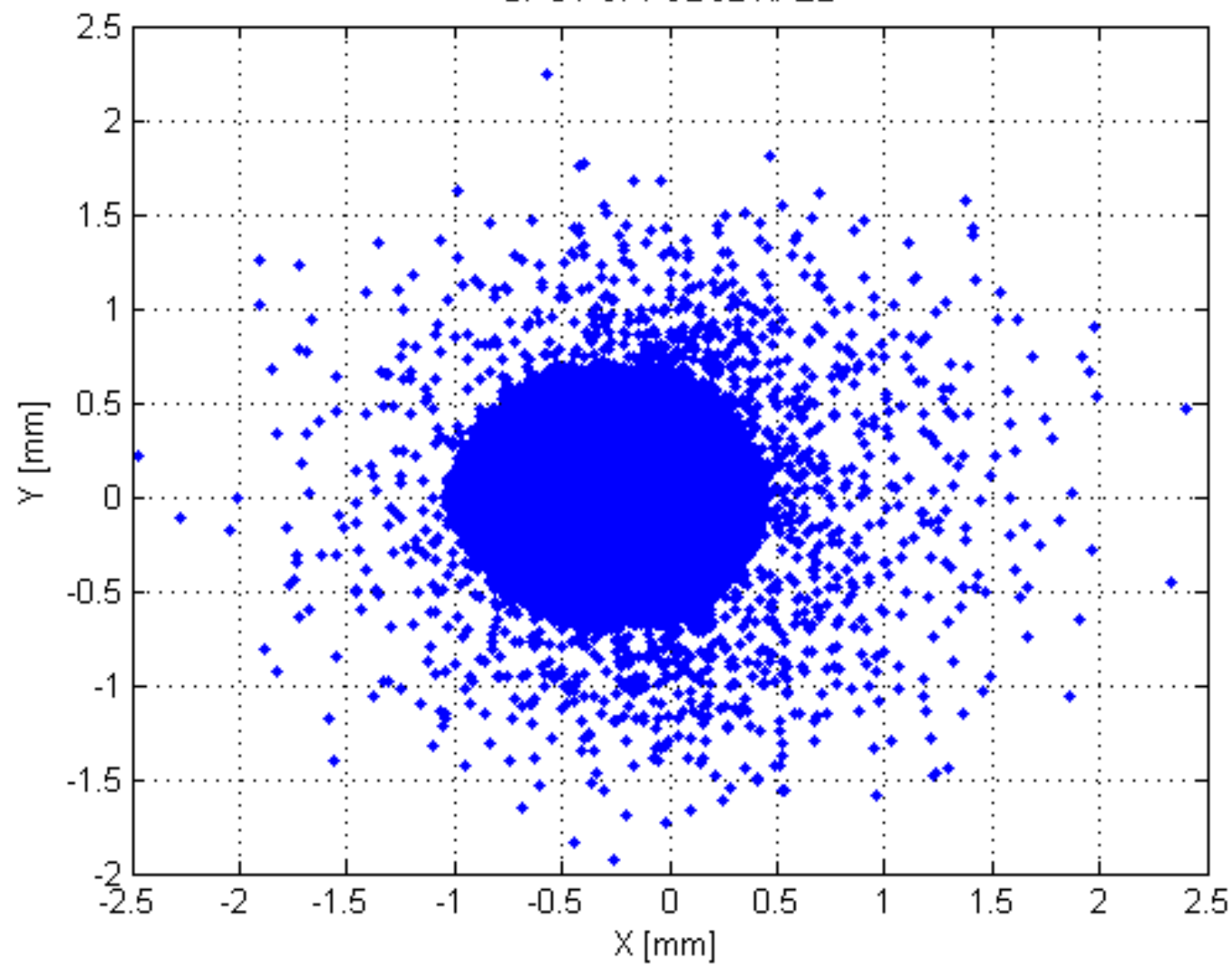




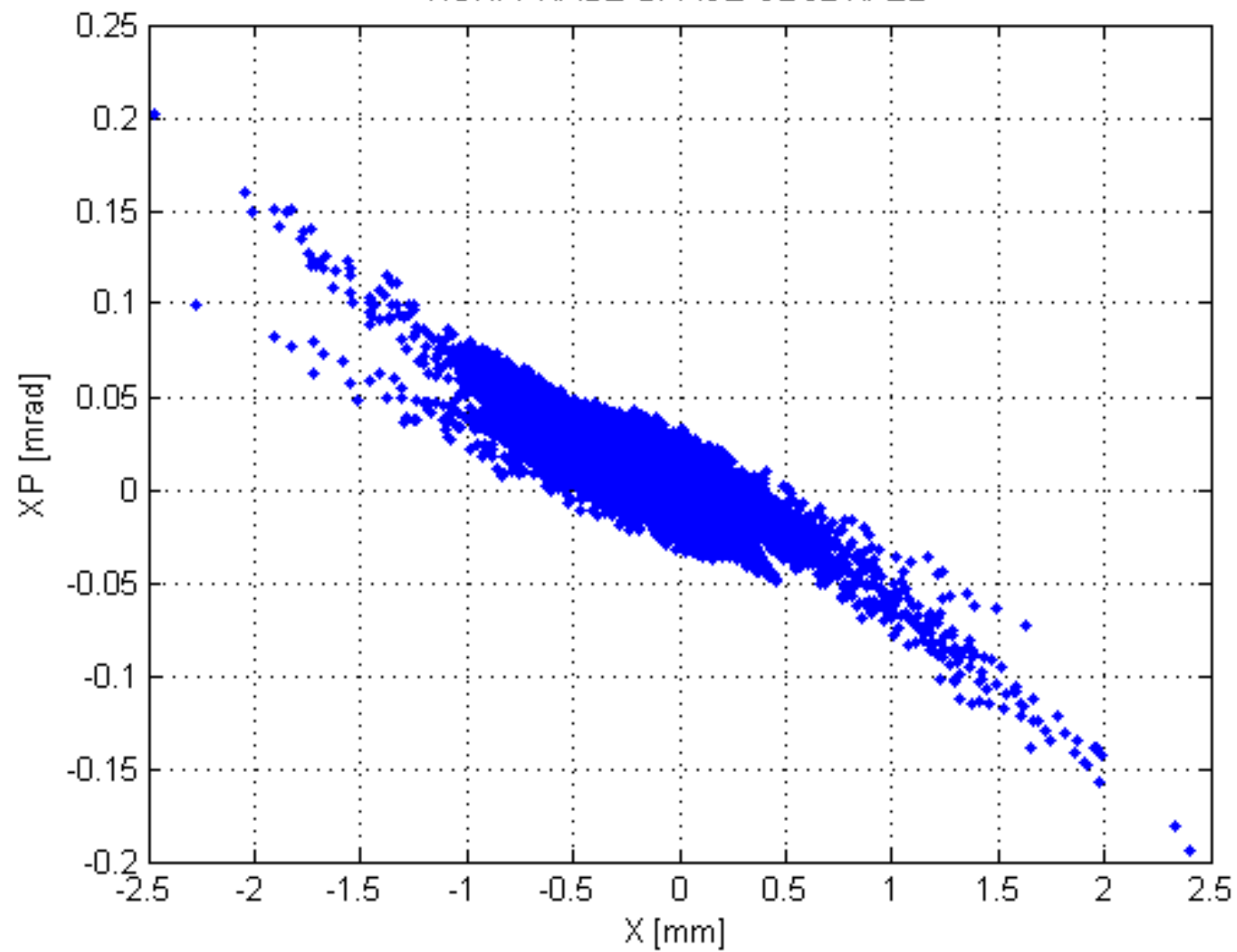
Slice RMS size End Linac / 1 nC Case



SPOT UP. UBC2 XFEL



HOR. PHASE SPACE UBC2 XFEL



VERT. PHASE SPACE UBC2 XFEL

