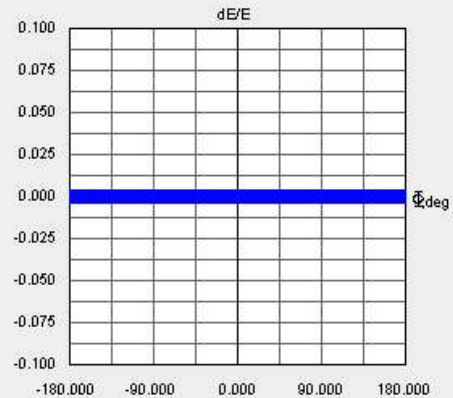
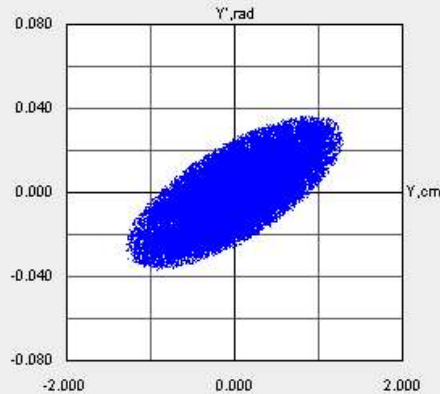
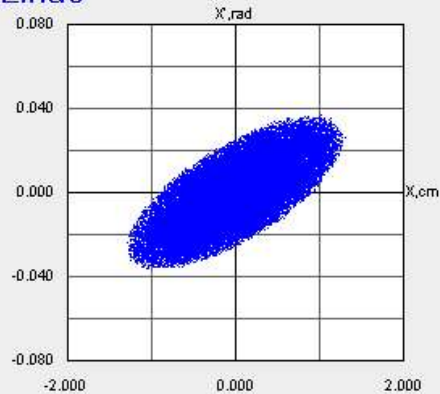


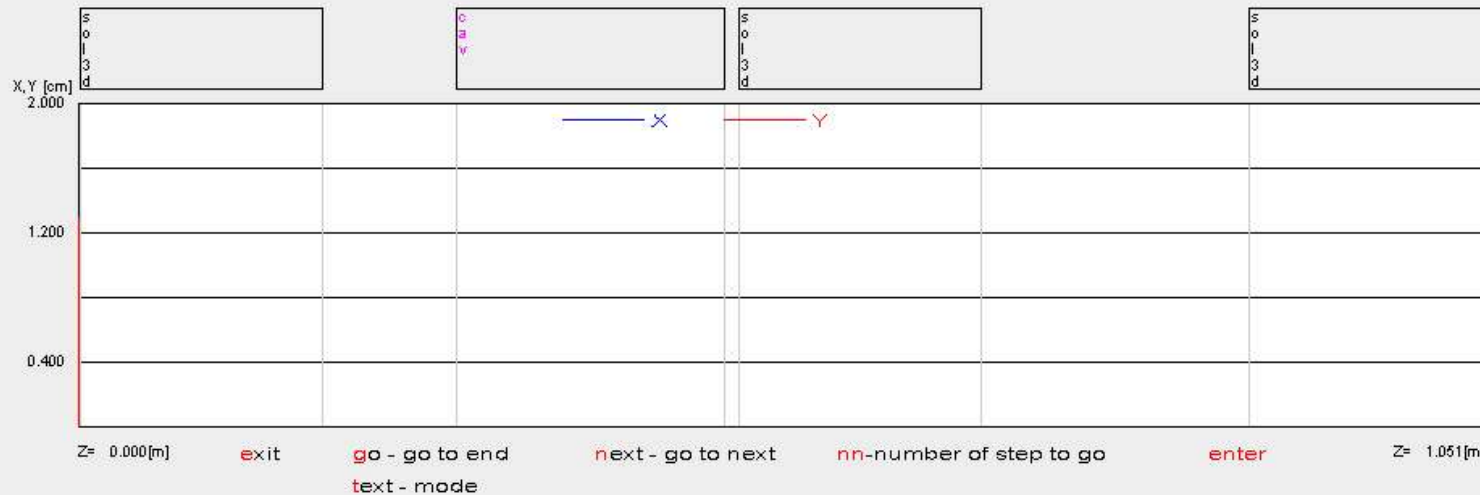
Bunching of 2 MeV, 500 mA Ne¹⁺ beam

HEDP Linac

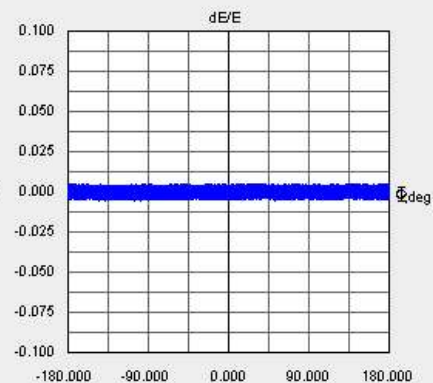
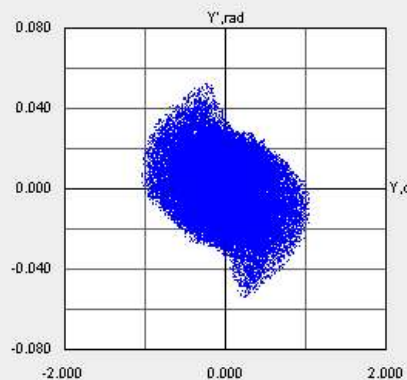
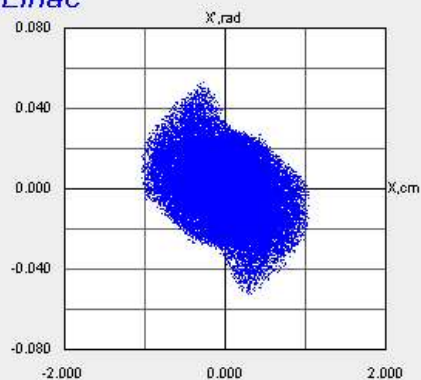


Q= 1

z= 0.00 cm
W= 100.001 keV/u

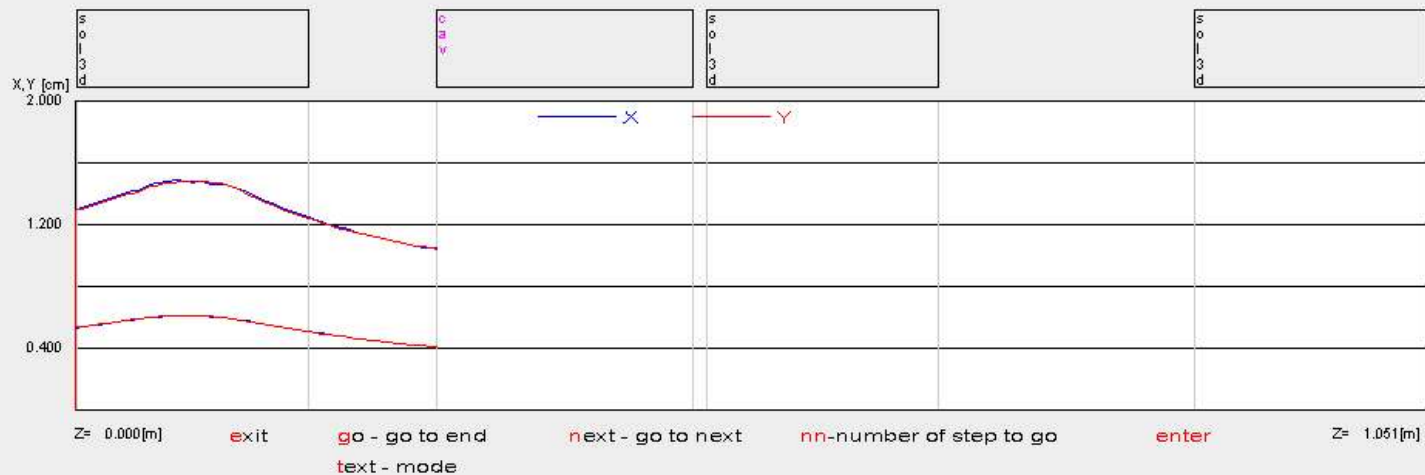


HEDP Linac

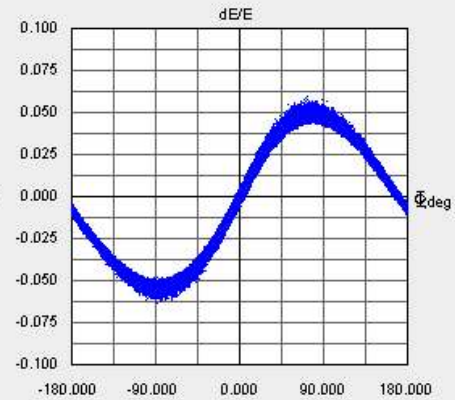
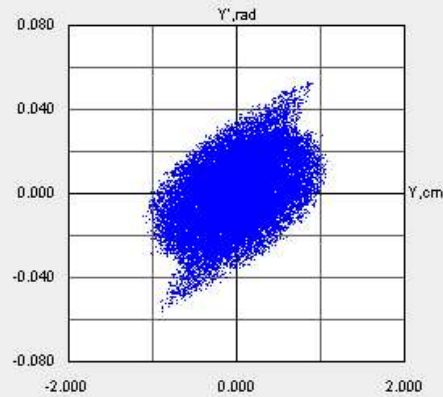
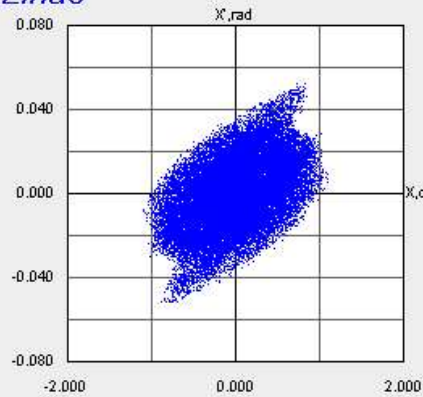


Q= 1

z= 28.10 cm
W= 99.988 keV/u

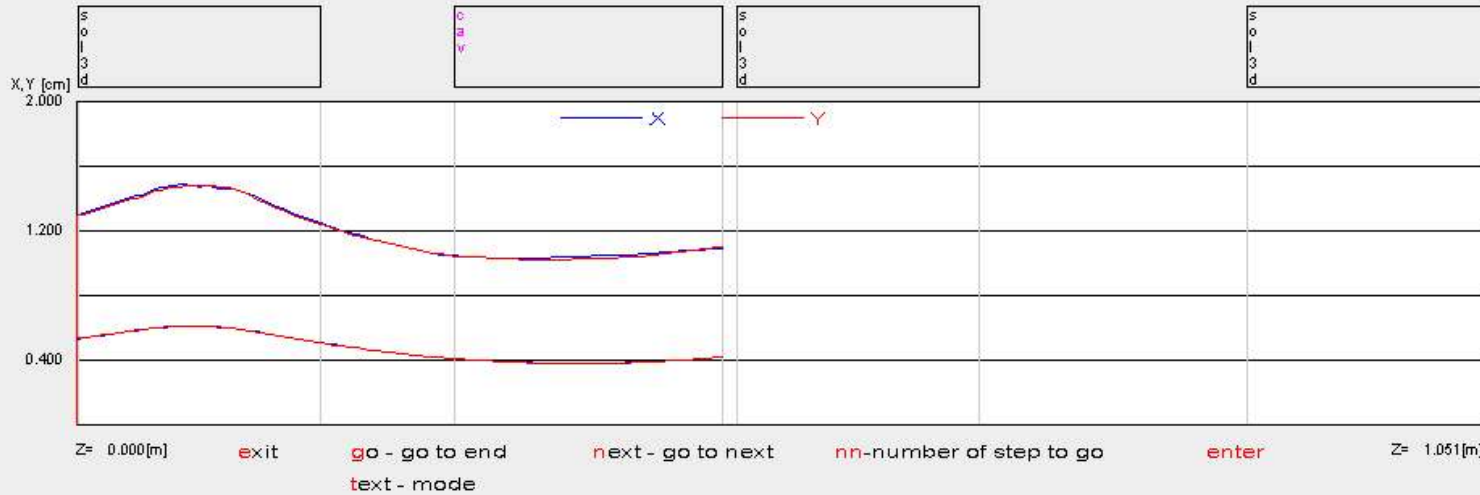


HEDP Linac

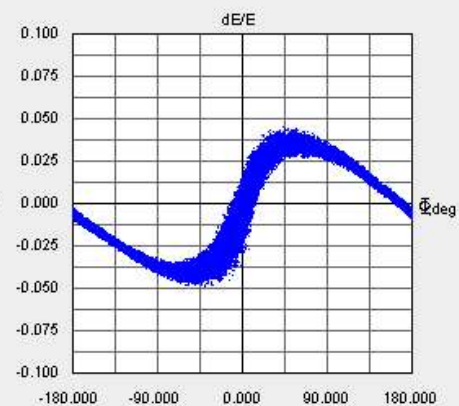
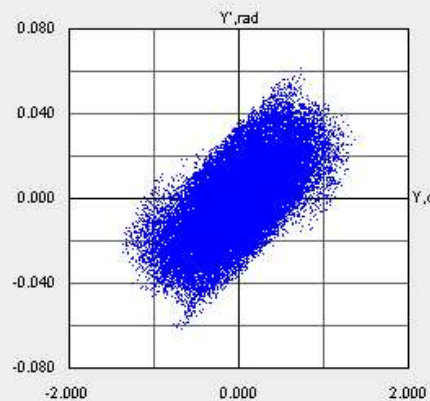
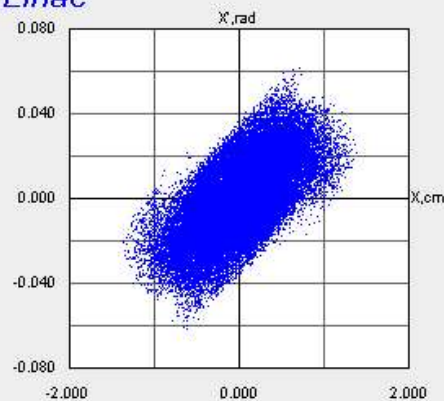


Q= 1

z= 48.10 cm
W= 100.104 keV/u

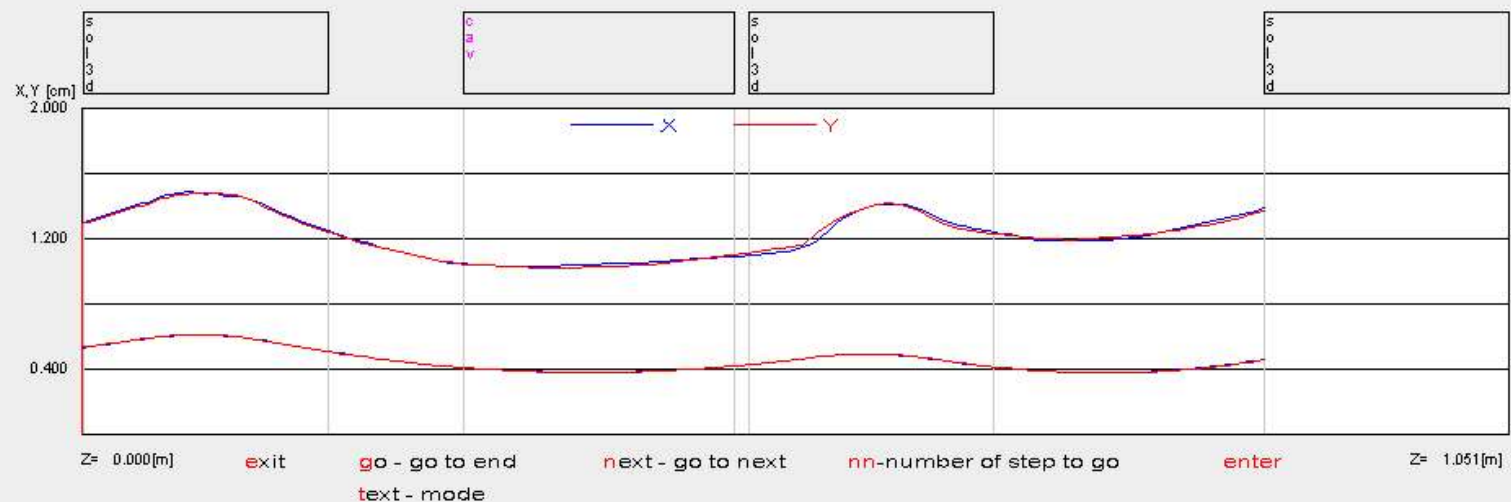


HEDP Linac

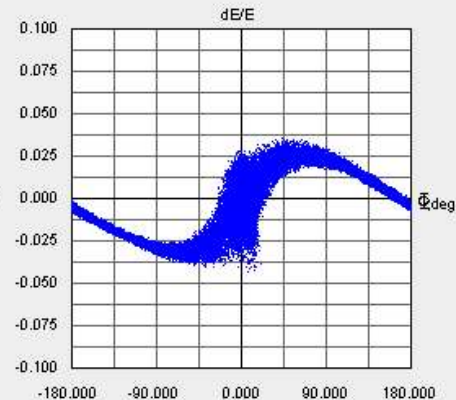
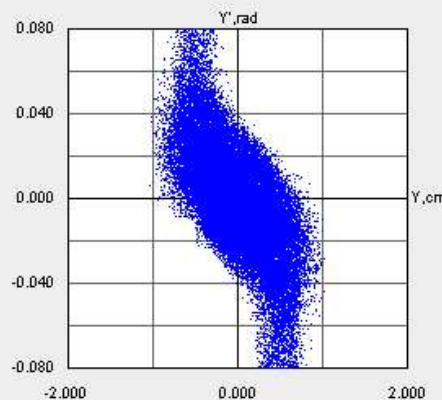
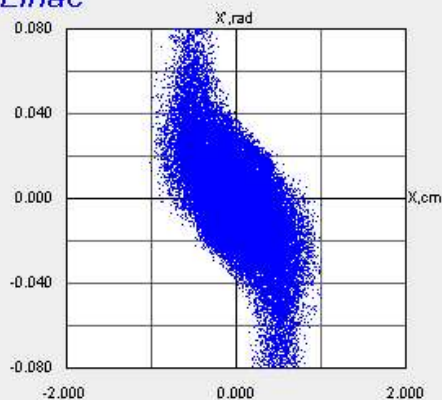


Q= 1

Z= 87.10 cm
W= 100.104 keV/u



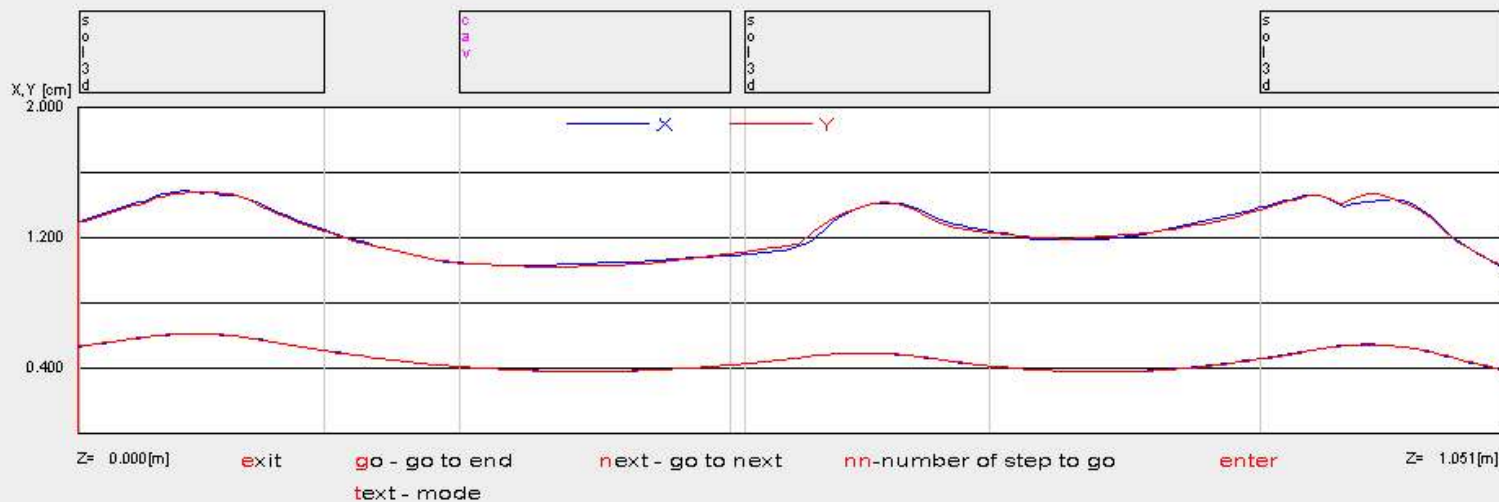
HEDP Linac



Q= 1

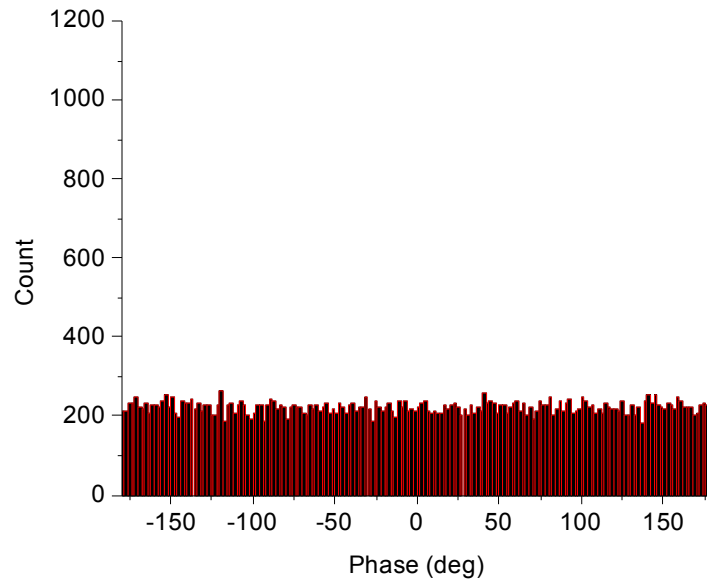
Z= 105.10 cm

W= 100.087 keV/u

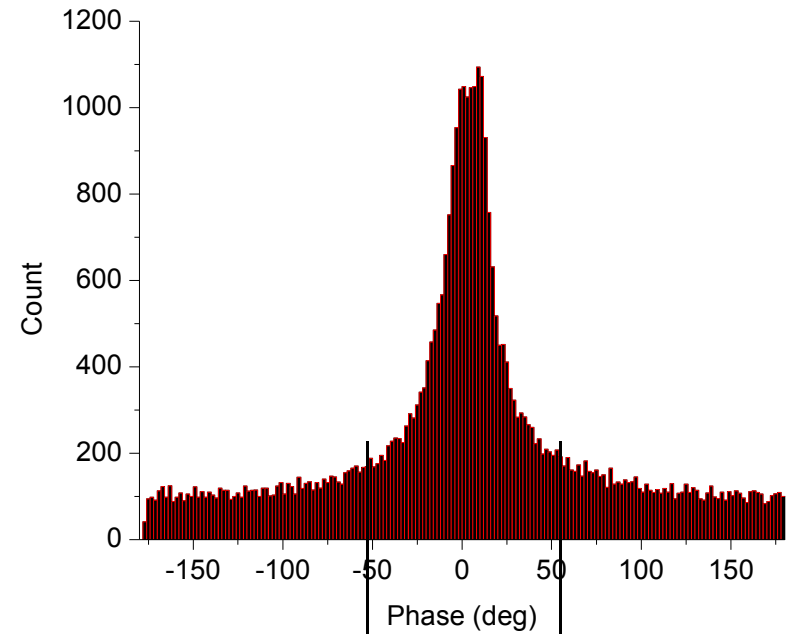


Bunch phase spectrum

Before the buncher



At the entrance of the Linac



63% are within 100 degrees

$$500 \text{ mA} \times 0.63 = 315 \text{ mA}$$