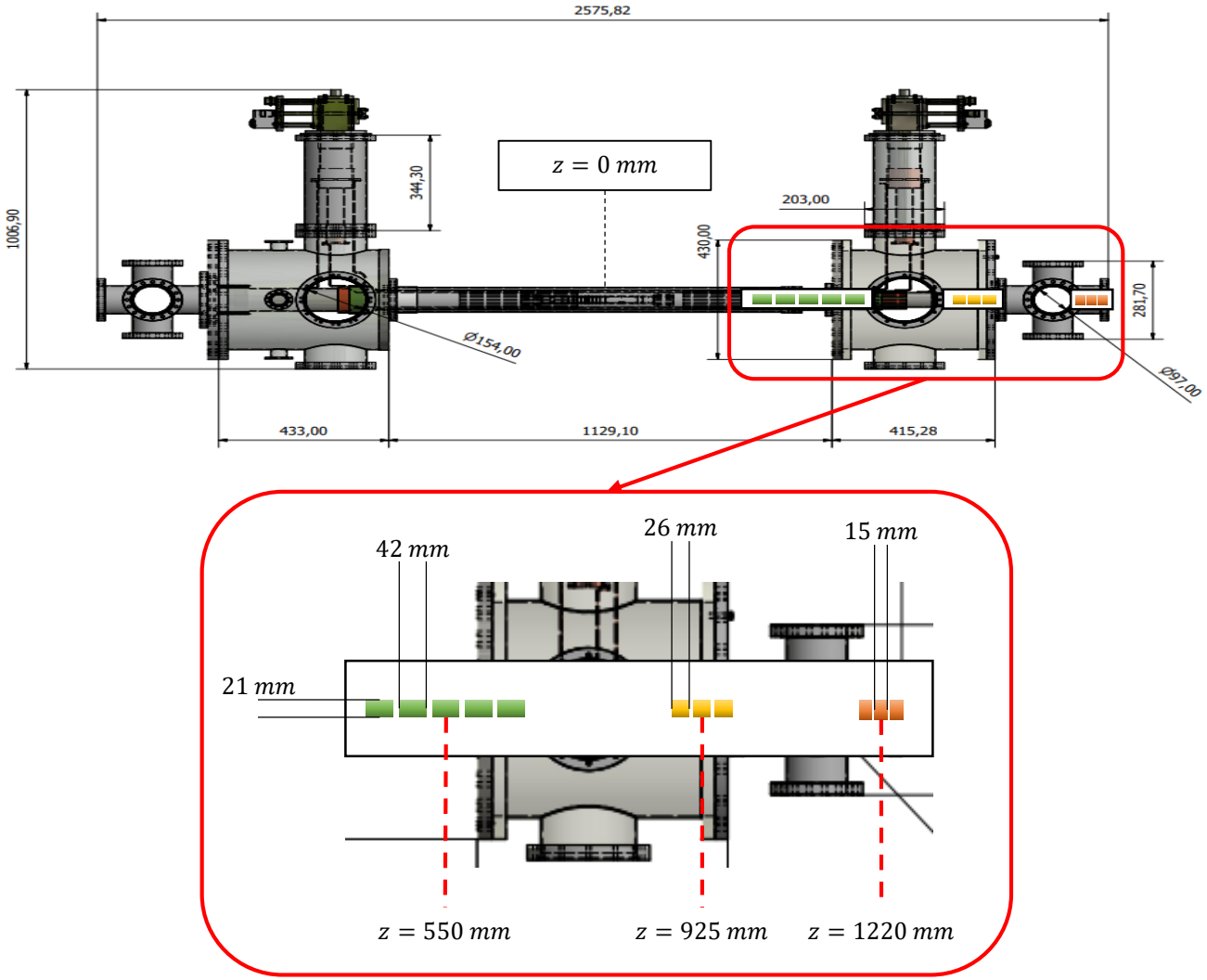
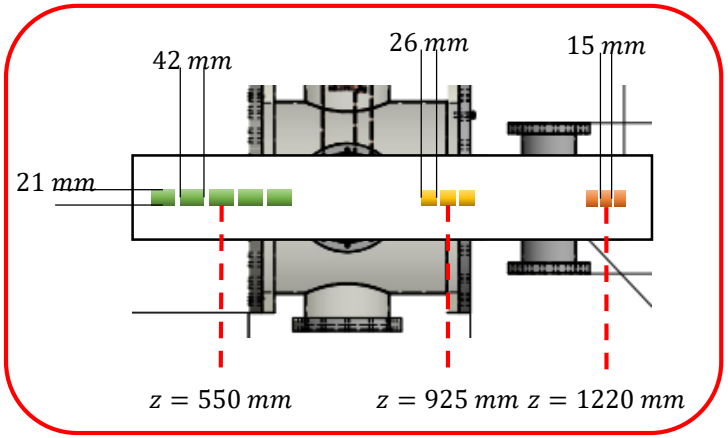
Meeting 0329

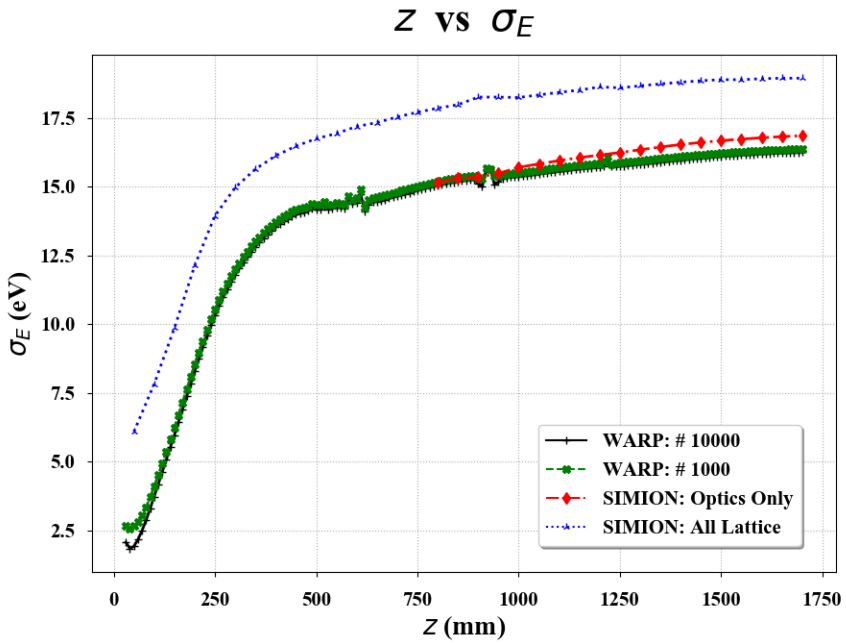
Kyoung-Hun Yoo

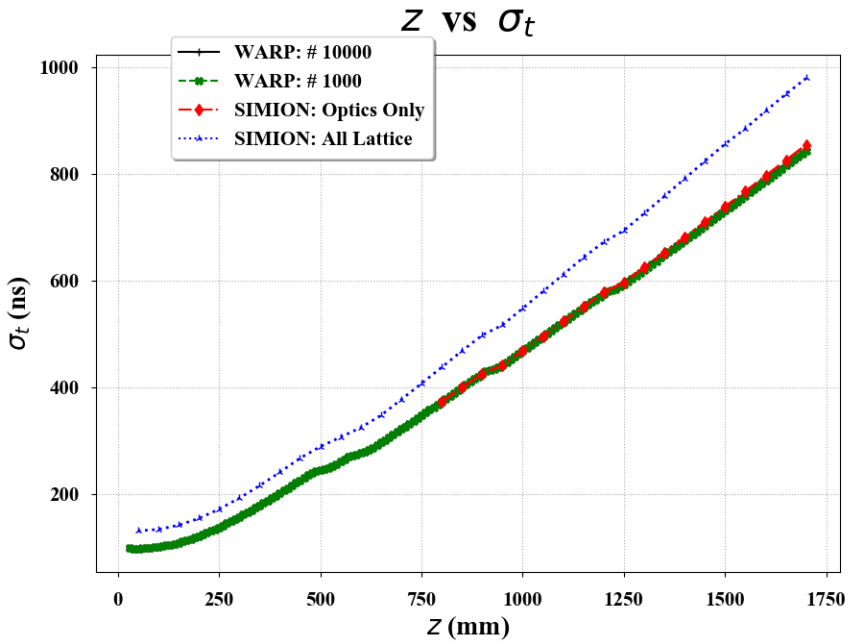
Extraction & Transport Line Setting



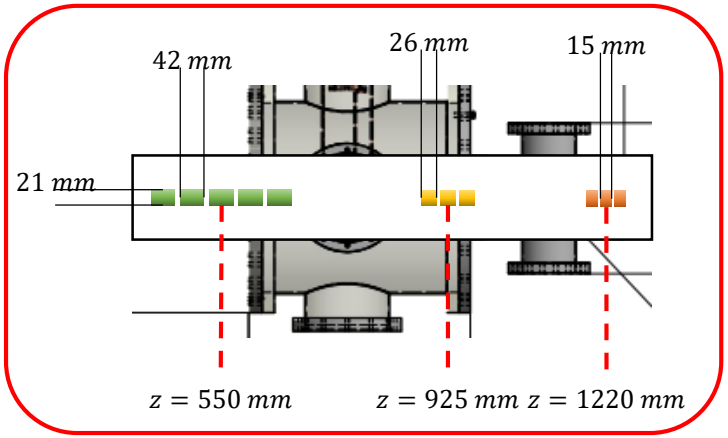
Comparison between WARP & SIMION

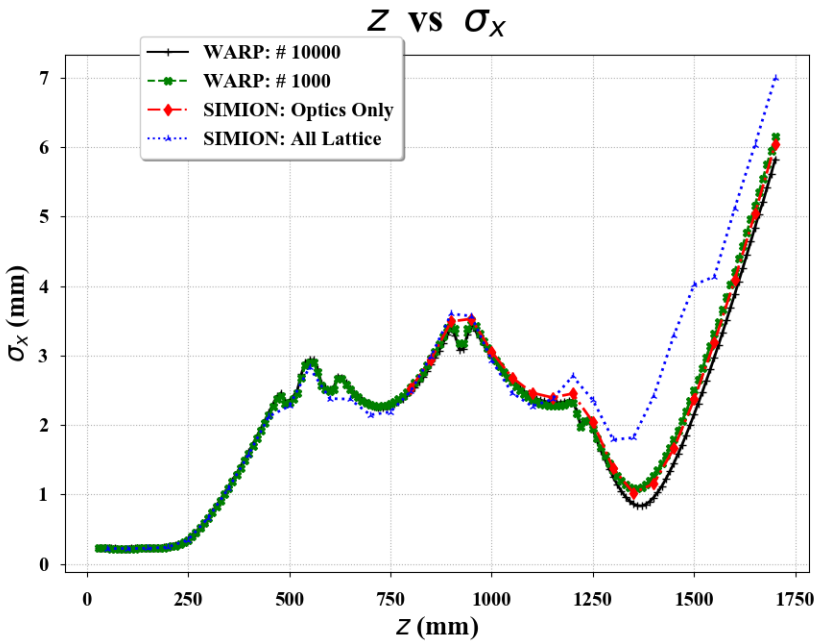


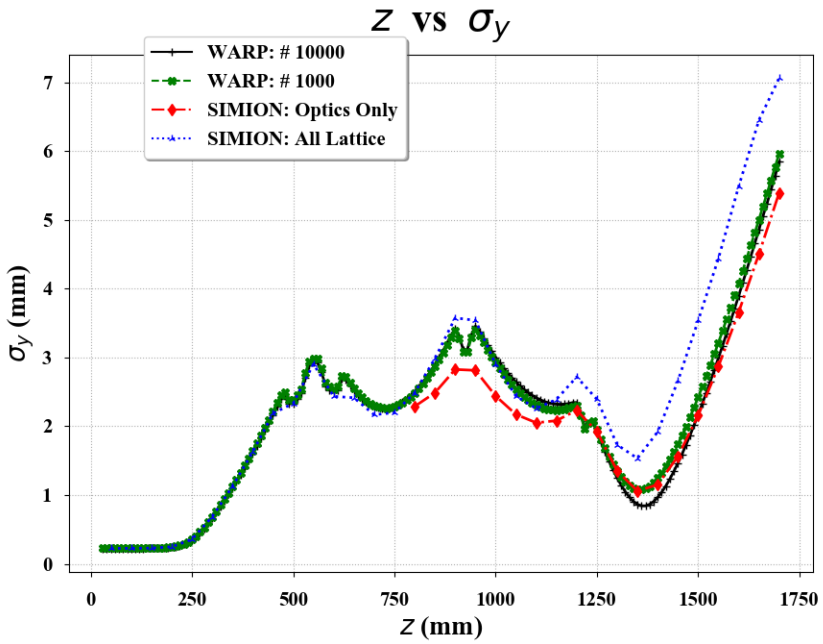




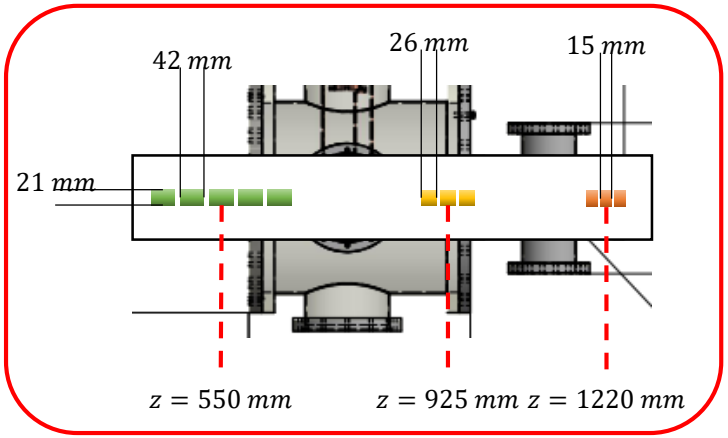
Comparison between WARP & SIMION

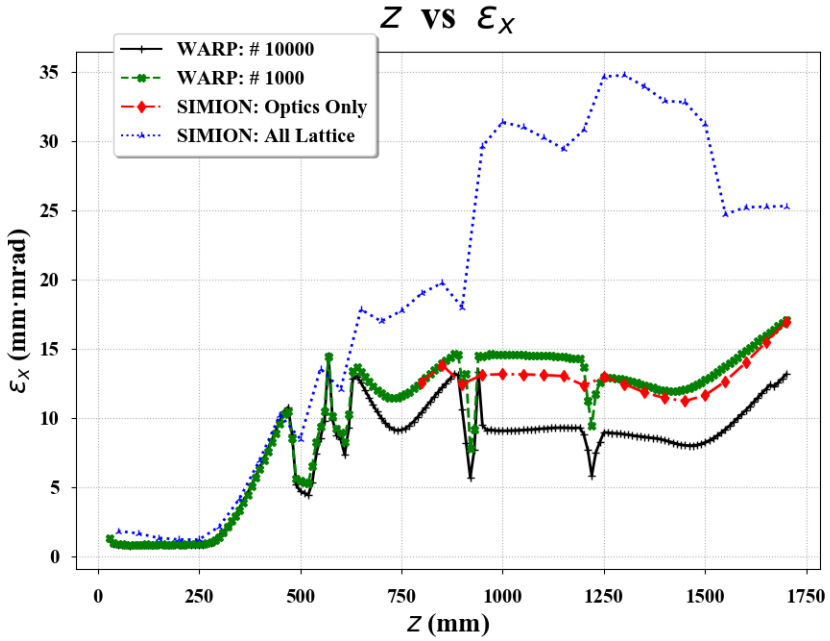


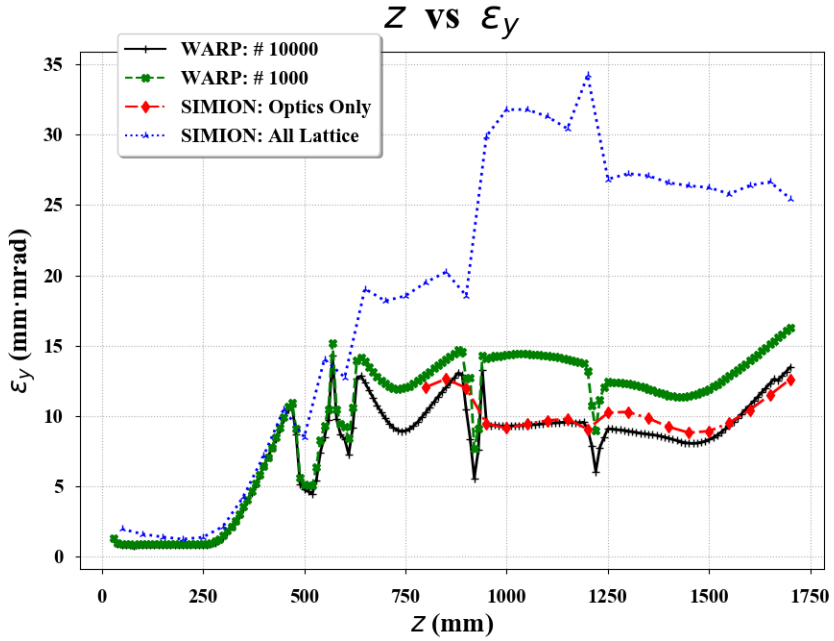




Comparison between WARP & SIMION

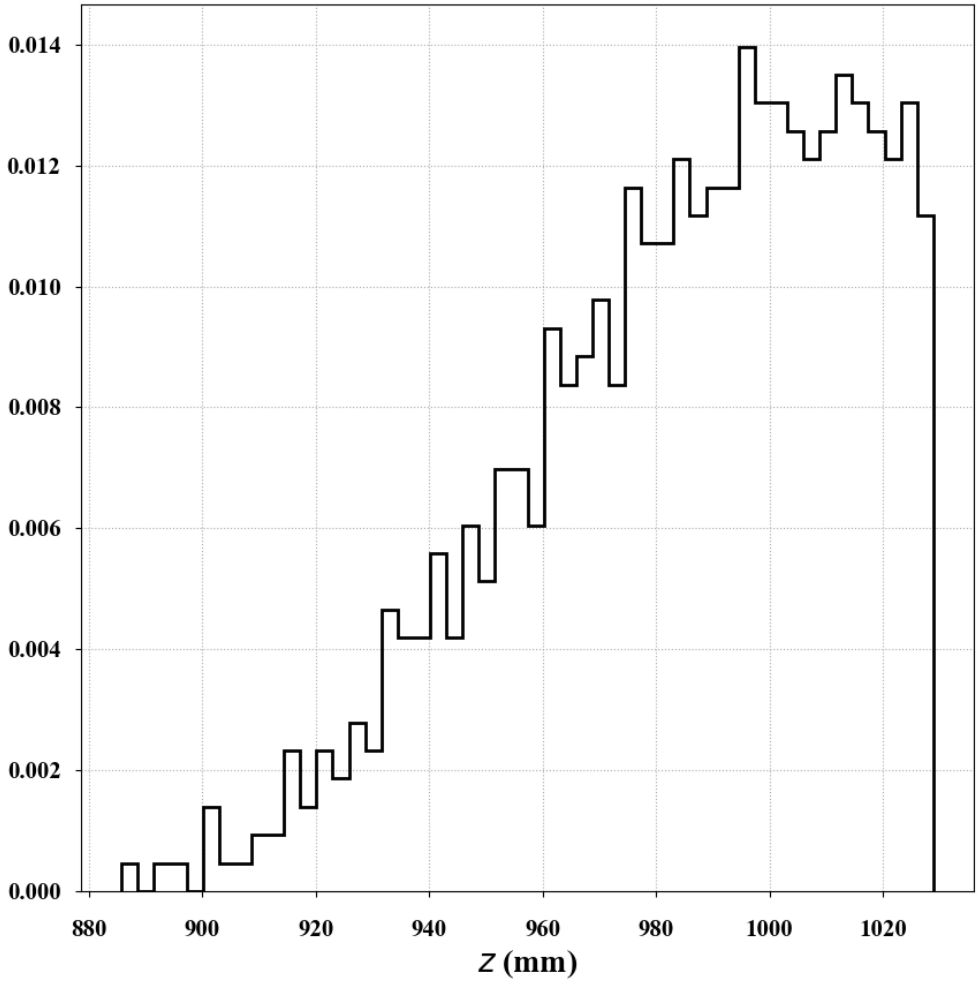




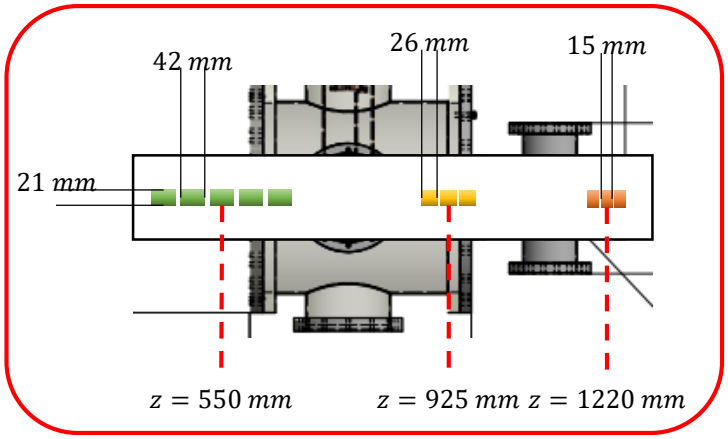


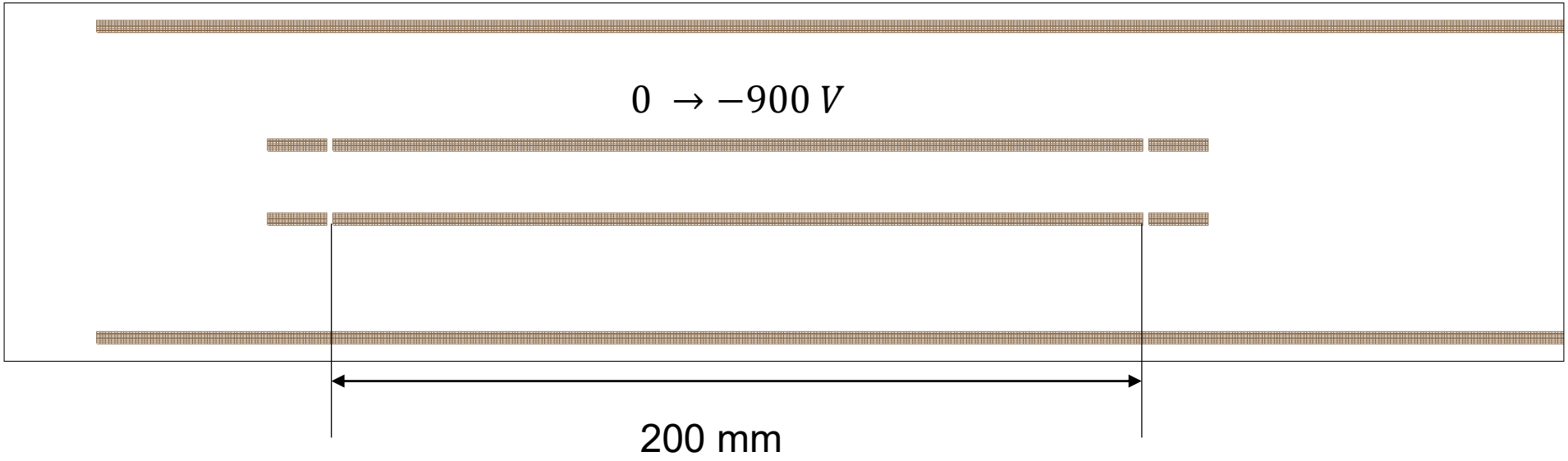
Reacceleration

Beam Length in Space

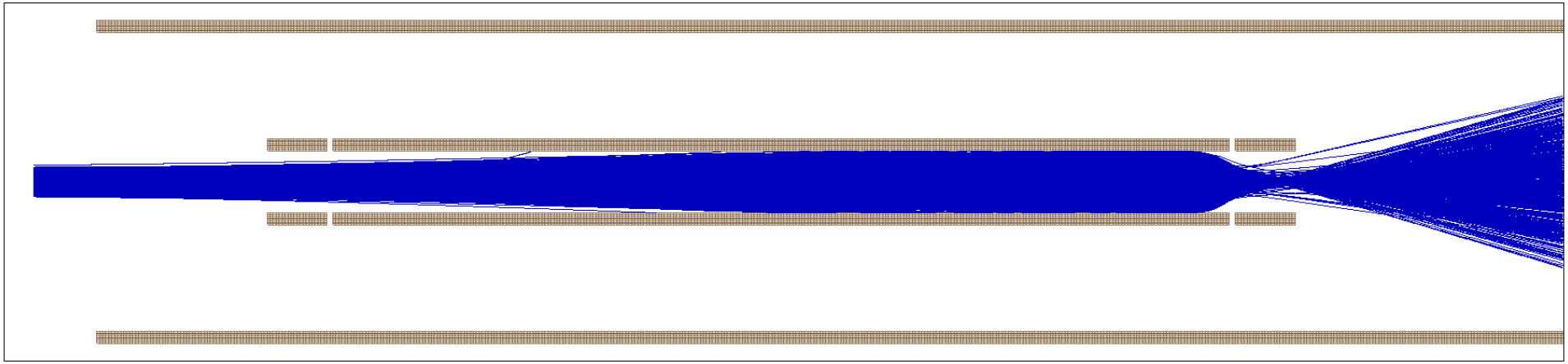


Reacceleration Lattice

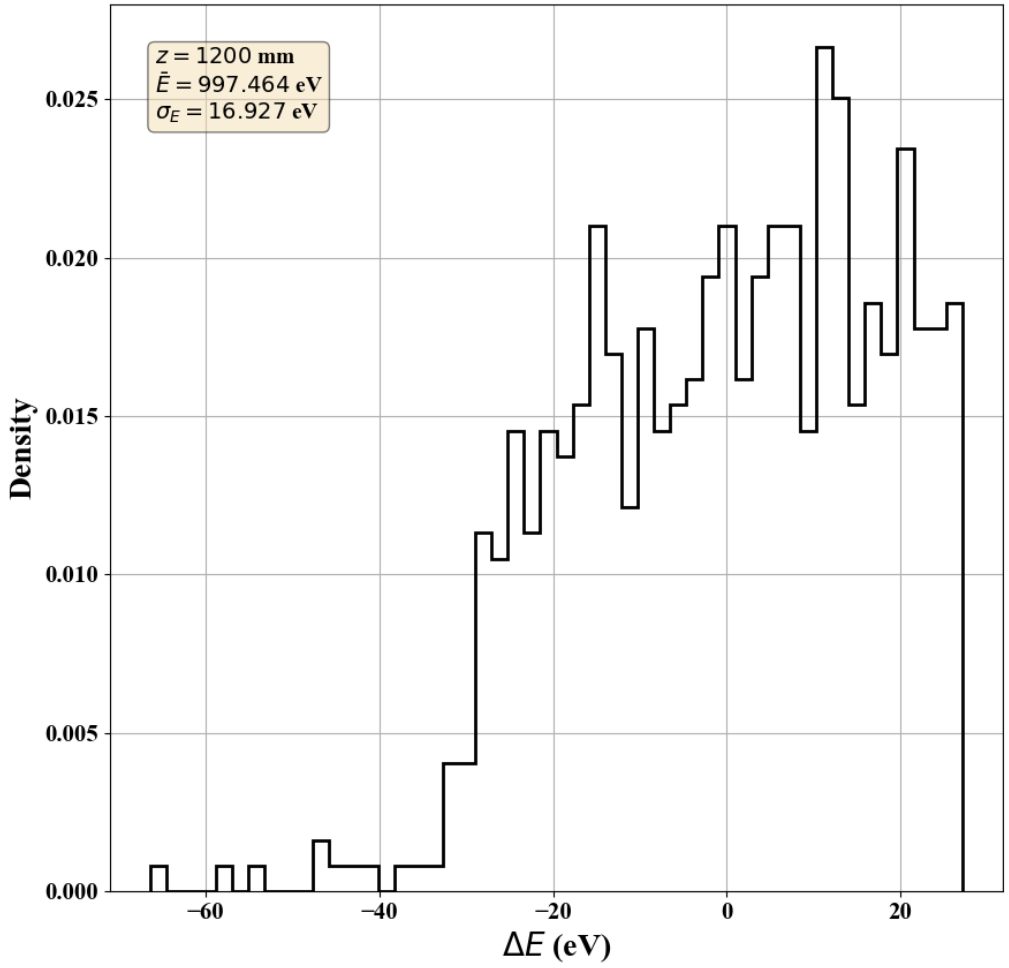




Reacceleration Lattice

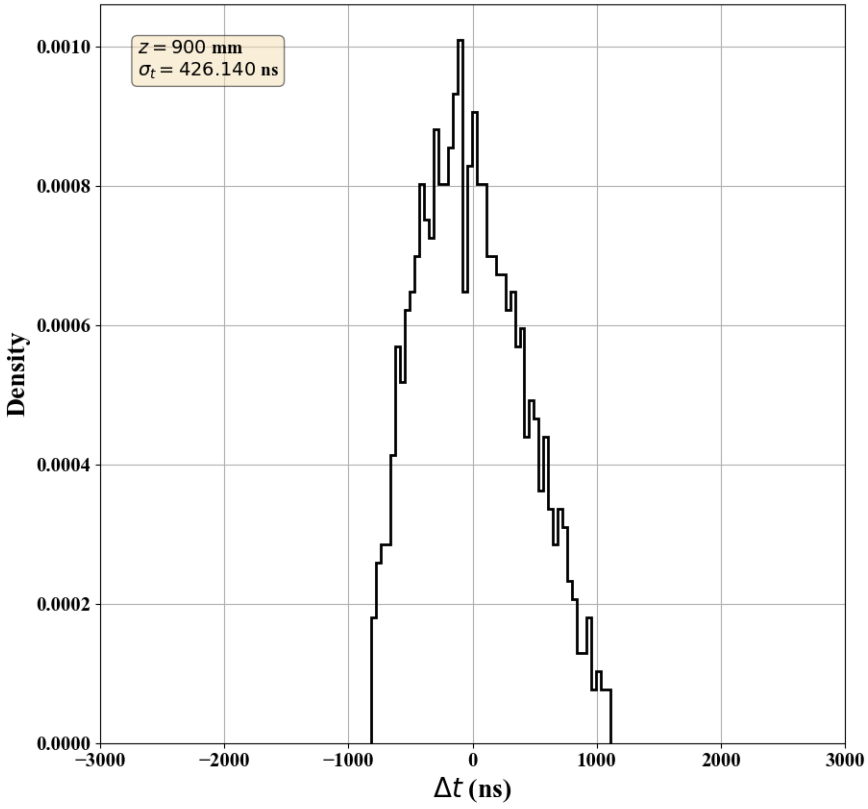


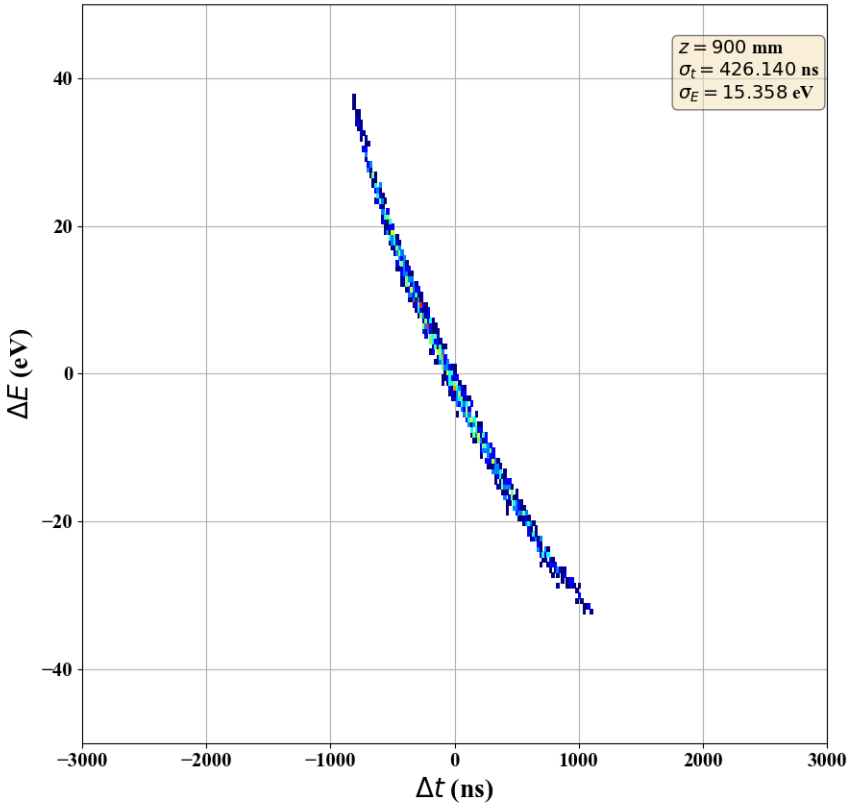
Reacceleration Lattice



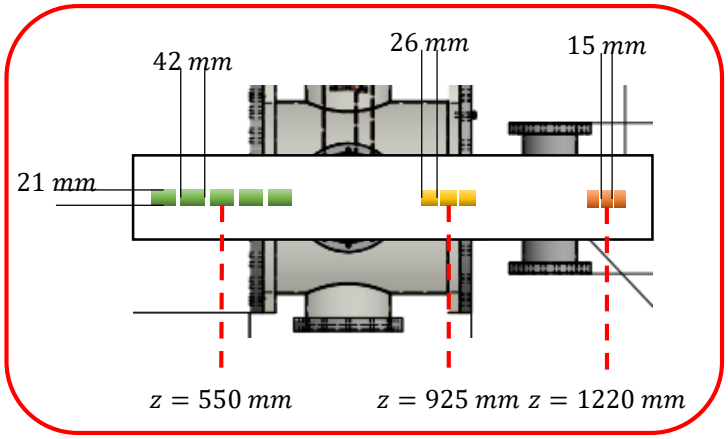
Bunch Compression

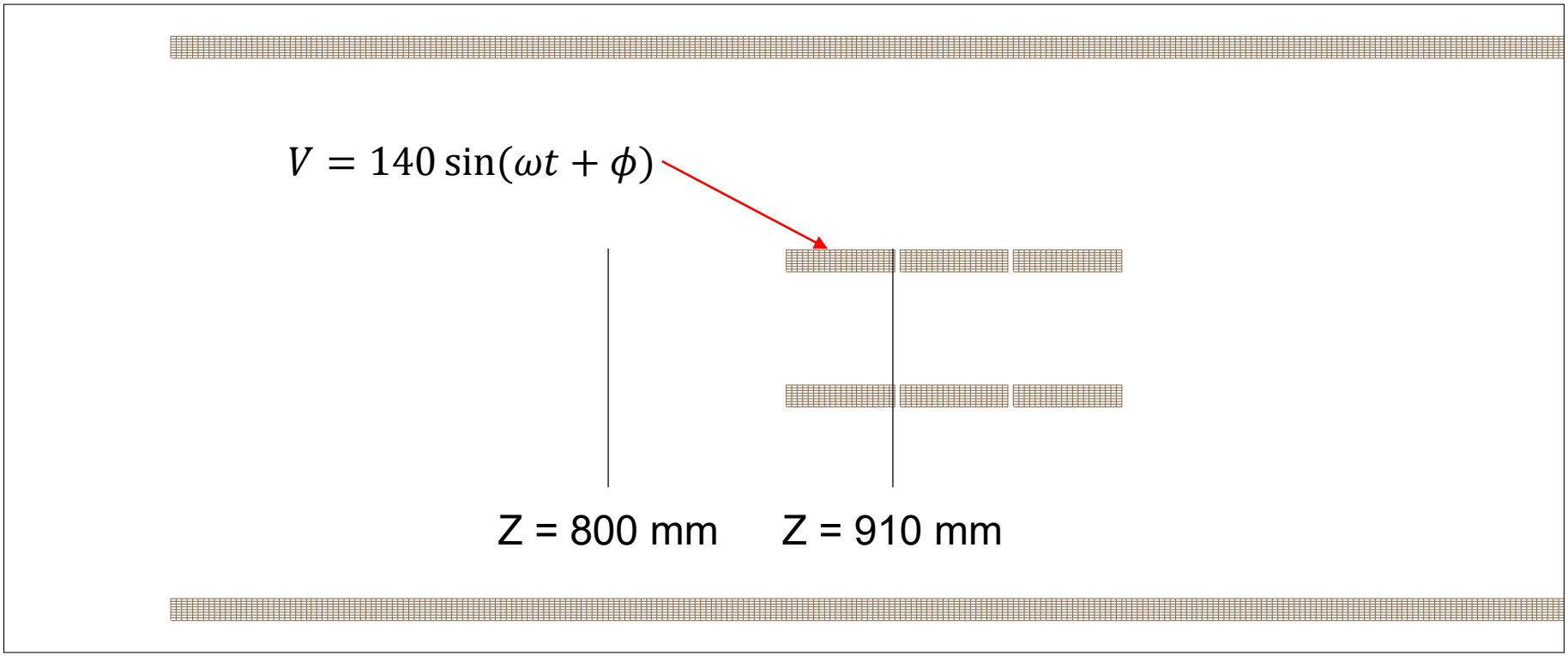
Beam Length in Time

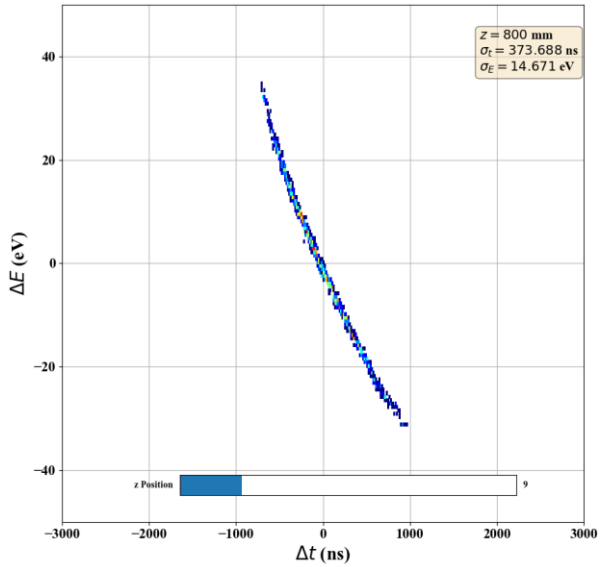


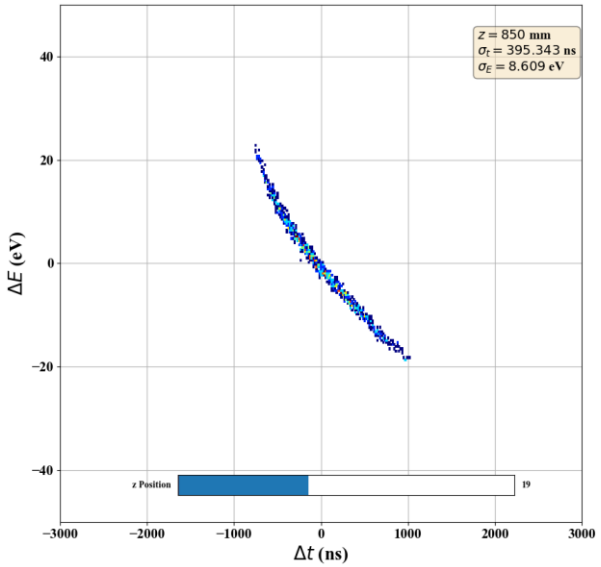


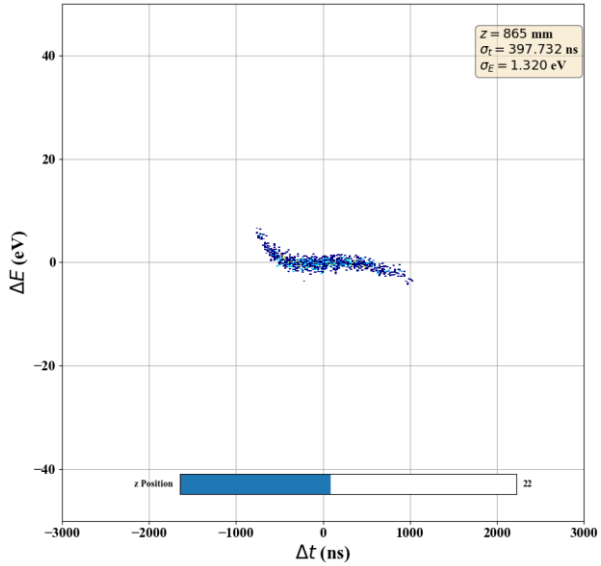
Bunch Compression Lattice

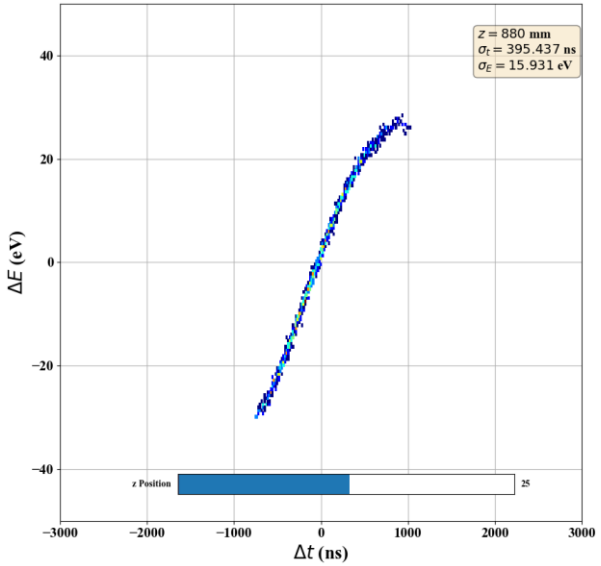


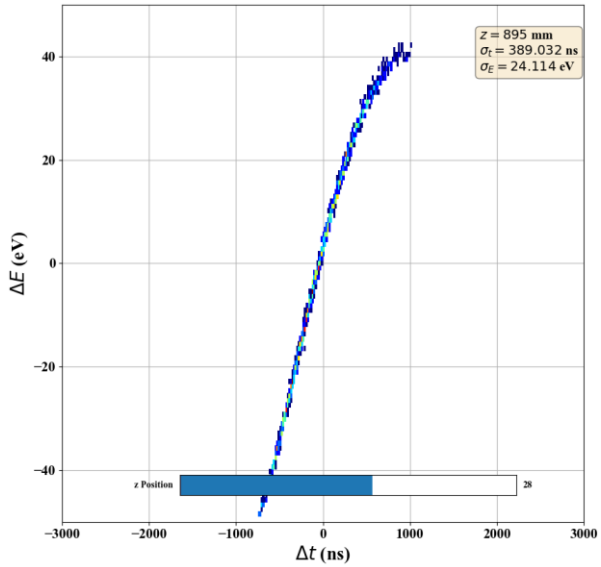


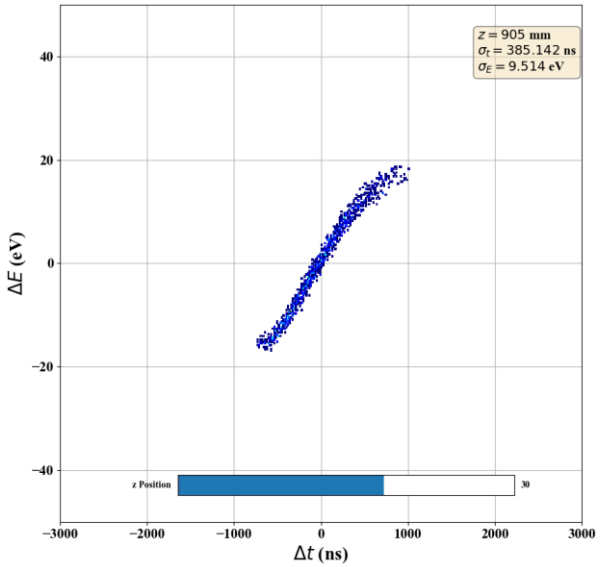

z = 800 mm
σt = 373.688 ns
σE = 14.671 eV
ΔE (eV)
Δt (ns)
z Position
9

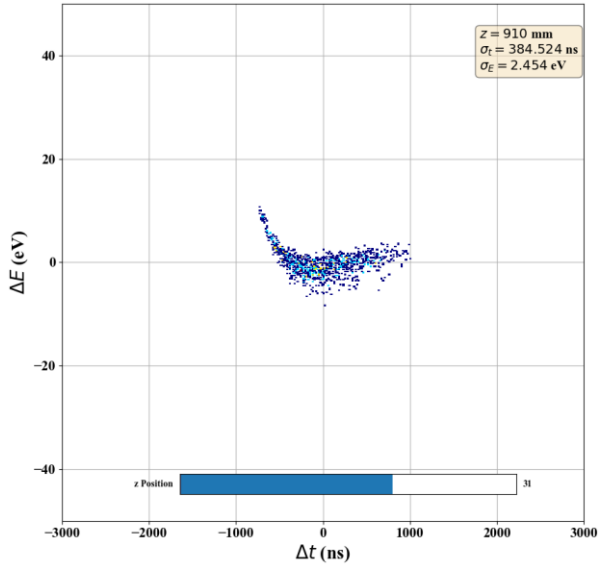

z = 850 mm
σt = 395.343 ns
σE = 8.609 eV
ΔE (eV)
Δt (ns)
z Position
19

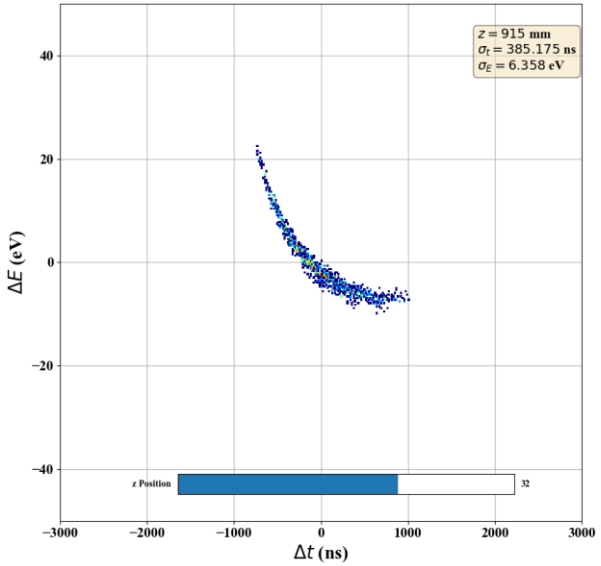

z = 865 mm
σt = 397.732 ns
σE = 1.320 eV
ΔE (eV)
Δt (ns)
z Position
22

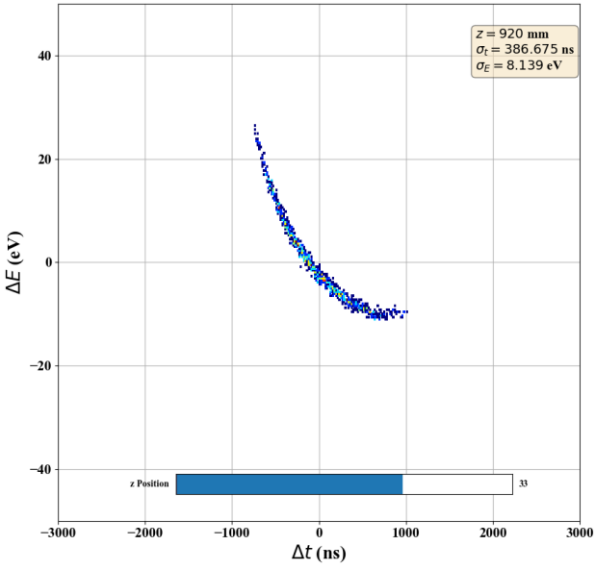

z = 880 mm
σt = 395.437 ns
σE = 15.931 eV
ΔE (eV)
Δt (ns)
z Position
25

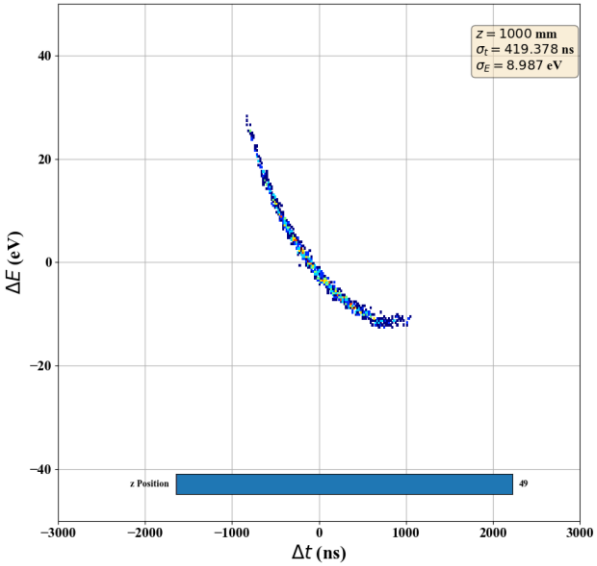

z = 895 mm
σt = 389.032 ns
σE = 24.114 eV
ΔE (eV)
Δt (ns)
z Position
28


z = 905 mm
σt = 385.142 ns
σE = 9.514 eV
ΔE (eV)
Δt (ns)
z Position
30

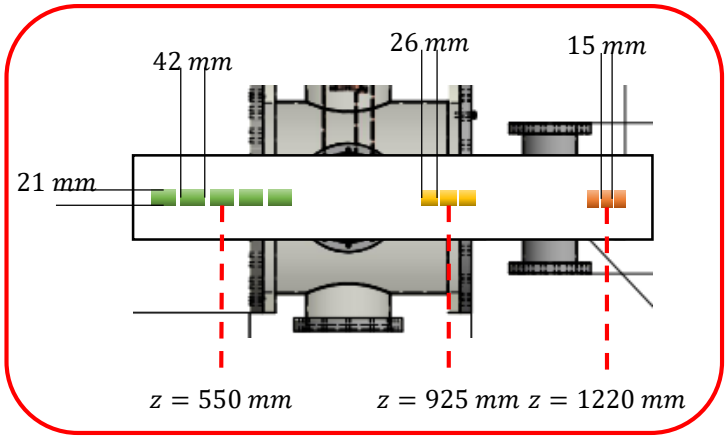

z = 910 mm
σt = 384.524 ns
σE = 2.454 eV
ΔE (eV)
Δt (ns)
z Position
31

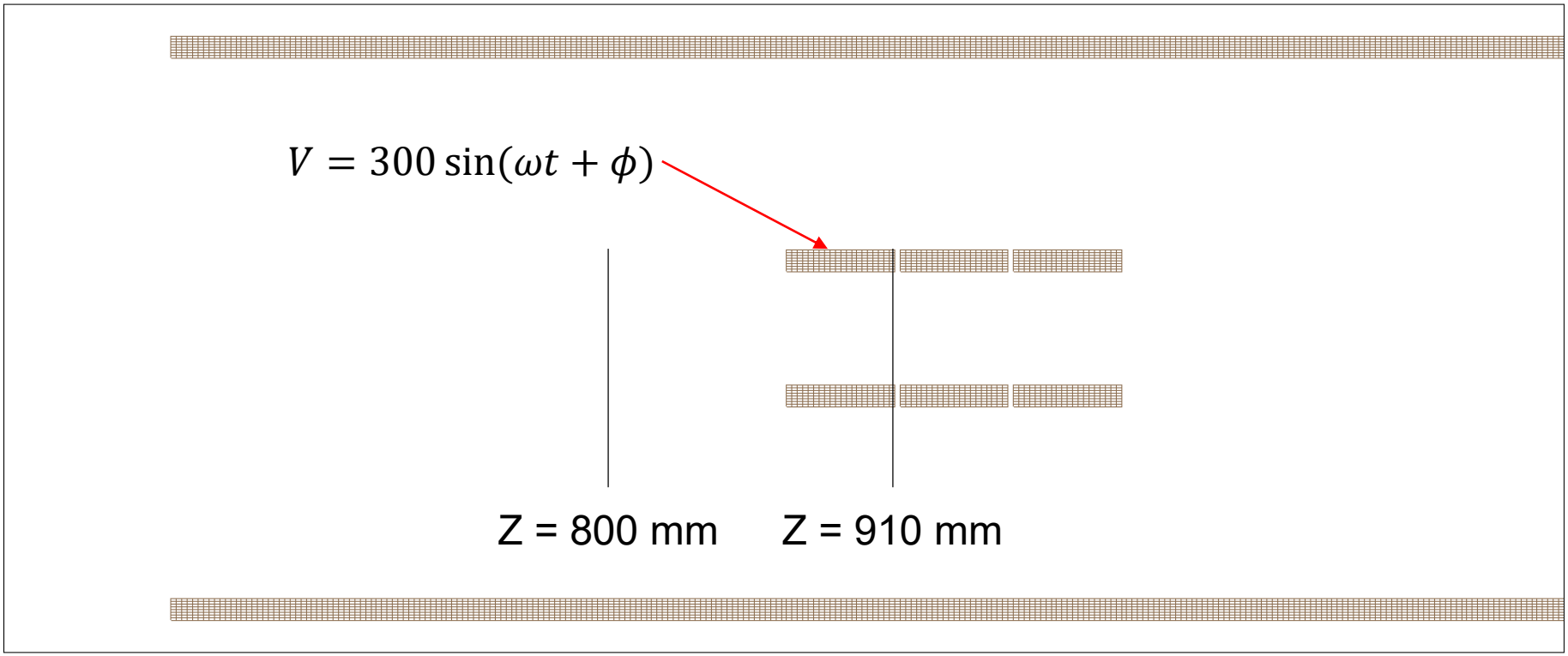

z = 915 mm
σt = 385.175 ns
σE = 6.358 eV
ΔE (eV)
Δt (ns)
z Position
32

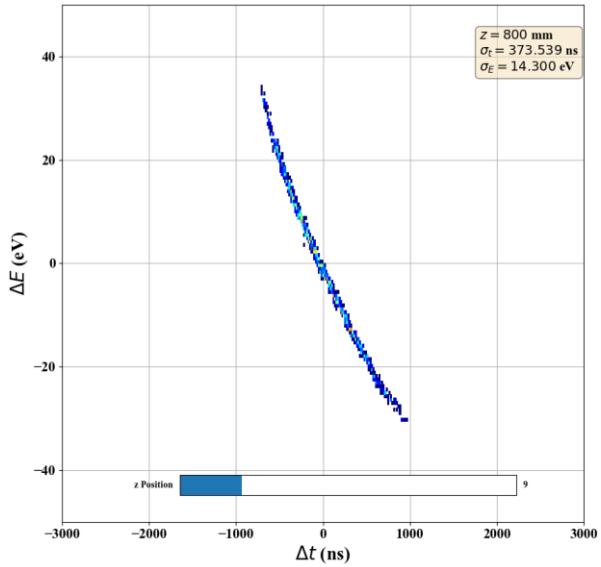

$z = 920$ mm
$\sigma_t = 386.675$ ns
$\sigma_E = 8.139$ eV
z Position
33
ΔE (eV)
Δt (ns)

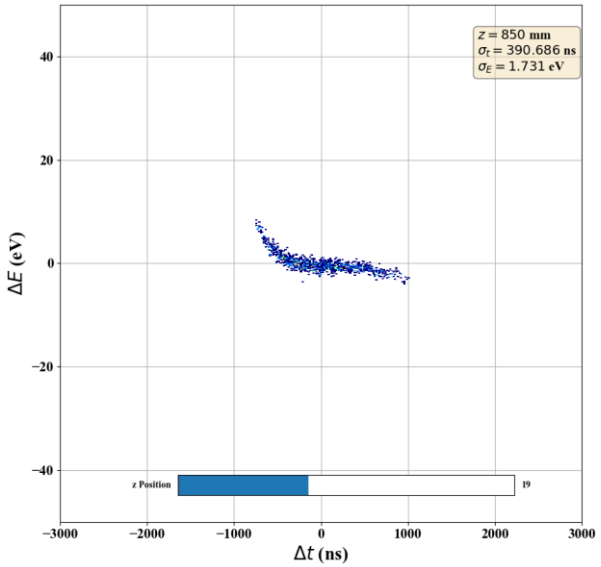

$z = 1000$ mm
$\sigma_t = 419.378$ ns
$\sigma_E = 8.987$ eV
z Position
49
ΔE (eV)
Δt (ns)

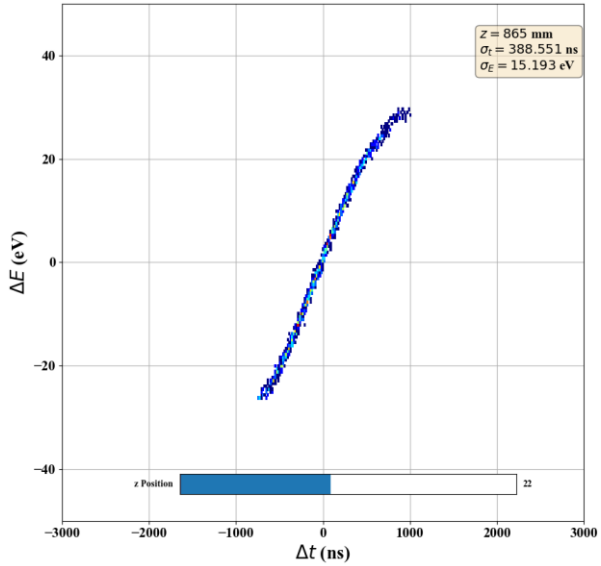
Bunch Compression Lattice

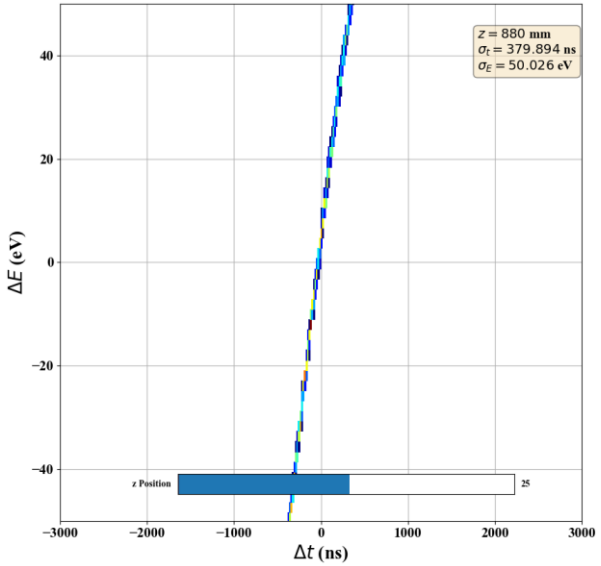


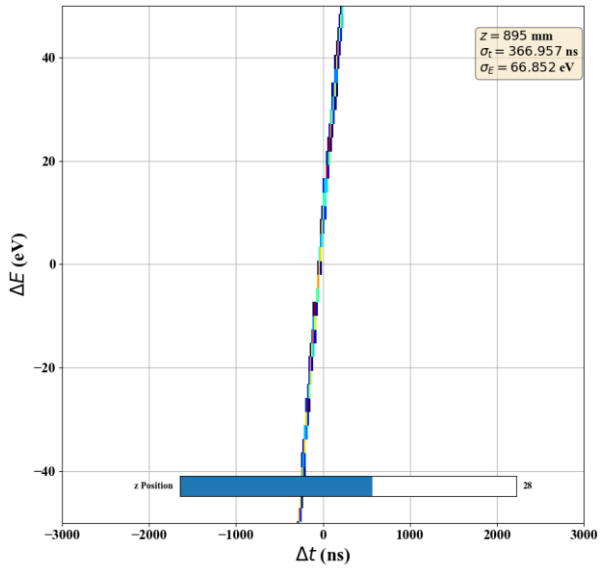


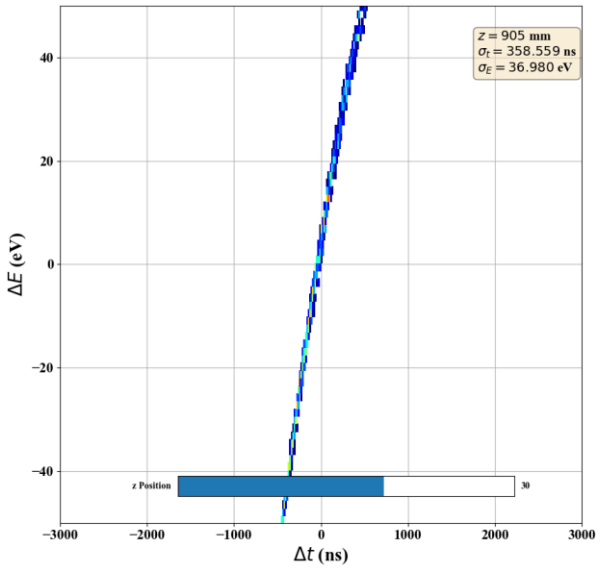

z = 800 mm
σt = 373.539 ns
σE = 14.300 eV
ΔE (eV)
Δt (ns)
z Position
9

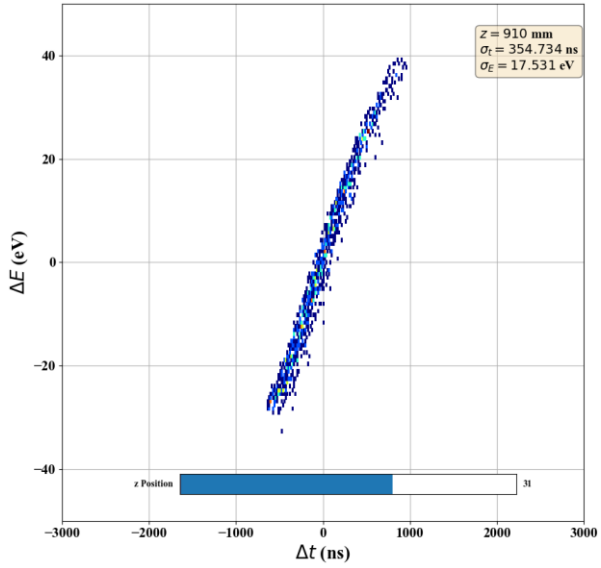

z = 850 mm
σt = 390.686 ns
σE = 1.731 eV
ΔE (eV)
Δt (ns)
z Position
19

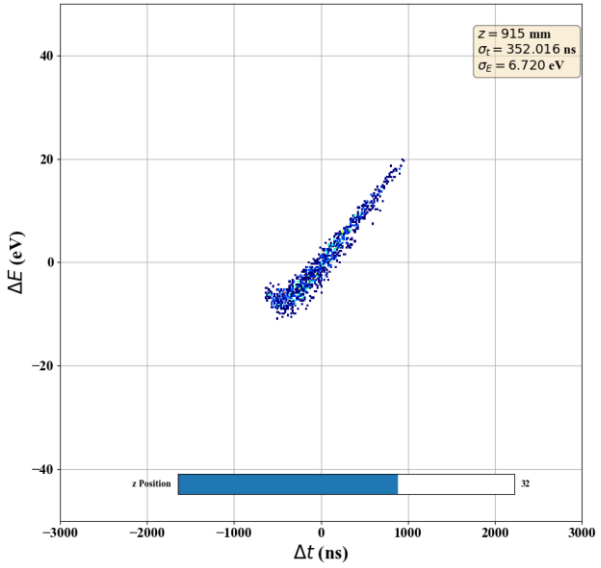

z = 865 mm
σt = 388.551 ns
σE = 15.193 eV
ΔE (eV)
Δt (ns)
z Position
22

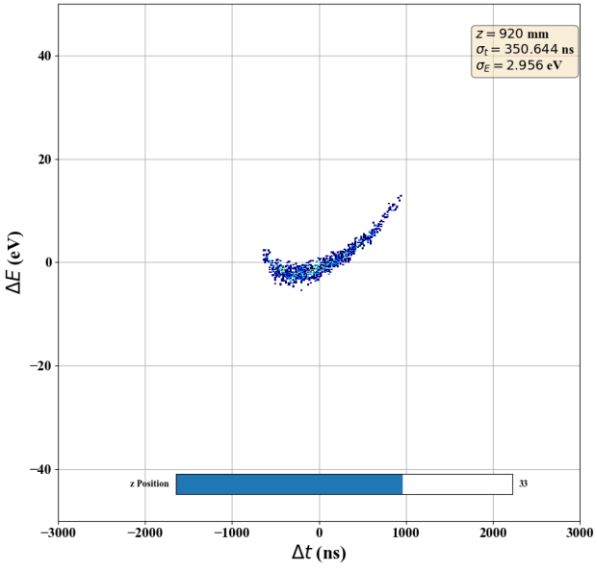

z = 880 mm
σt = 379.894 ns
σE = 50.026 eV
ΔE (eV)
Δt (ns)
z Position
25

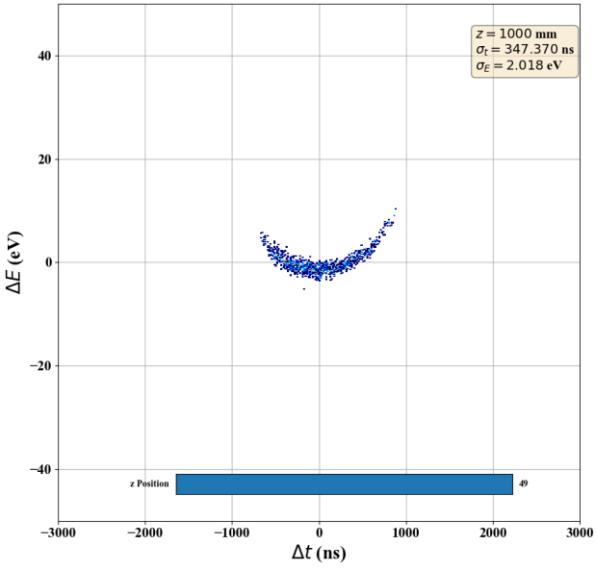

z = 895 mm
σt = 366.957 ns
σE = 66.852 eV
ΔE (eV)
Δt (ns)
z Position
28


z = 905 mm
σt = 358.559 ns
σE = 36.980 eV
ΔE (eV)
Δt (ns)
z Position
30


z = 910 mm
σt = 354.734 ns
σE = 17.531 eV
ΔE (eV)
Δt (ns)
z Position
31


z = 915 mm
σt = 352.016 ns
σE = 6.720 eV
ΔE (eV)
Δt (ns)
z Position
32


$z = 920$ mm
$\sigma_t = 350.644$ ns
$\sigma_E = 2.956$ eV
ΔE (eV)
Δt (ns)
z Position
33


$z = 1000$ mm
$\sigma_t = 347.370$ ns
$\sigma_E = 2.018$ eV
ΔE (eV)
Δt (ns)
z Position
49