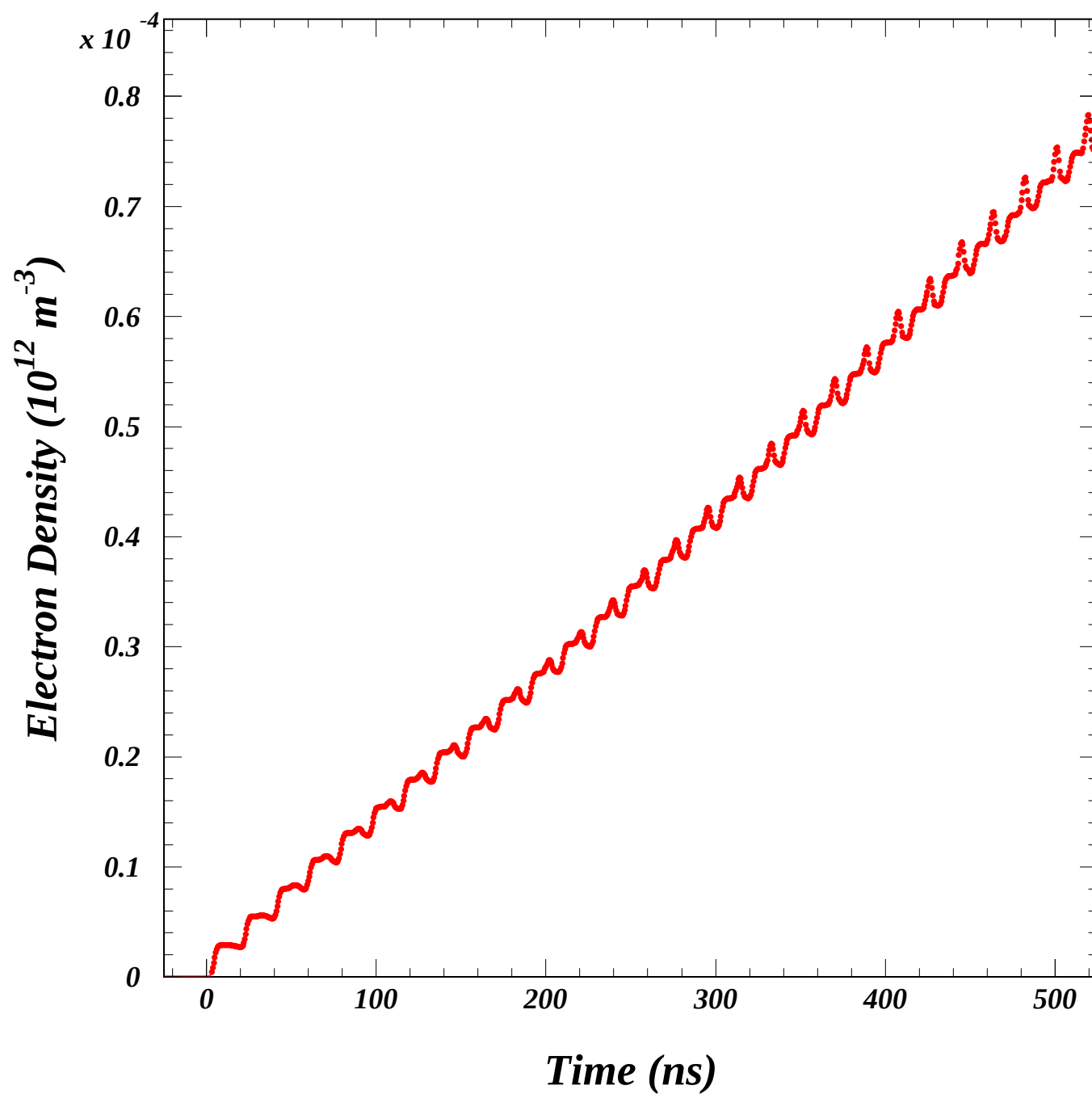
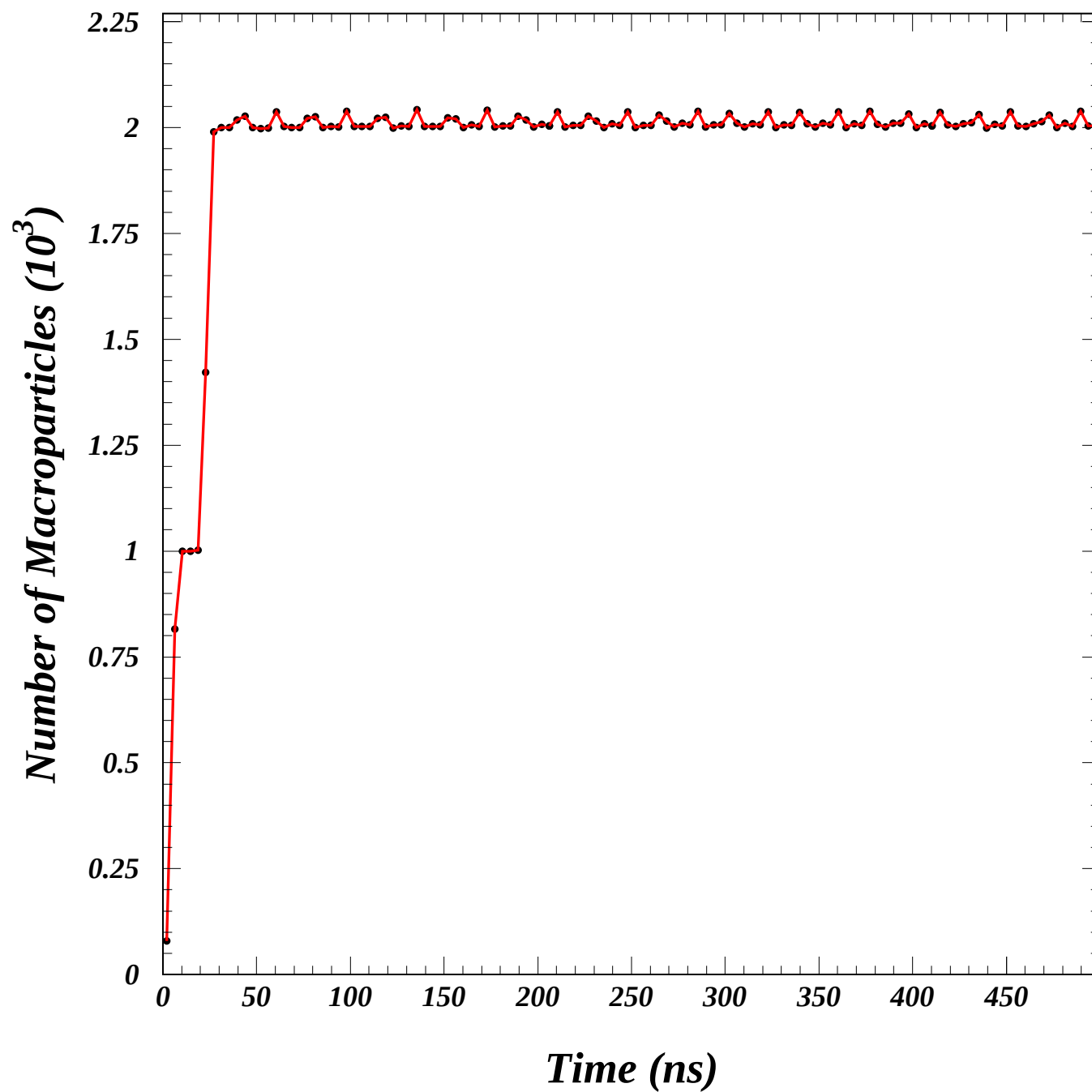


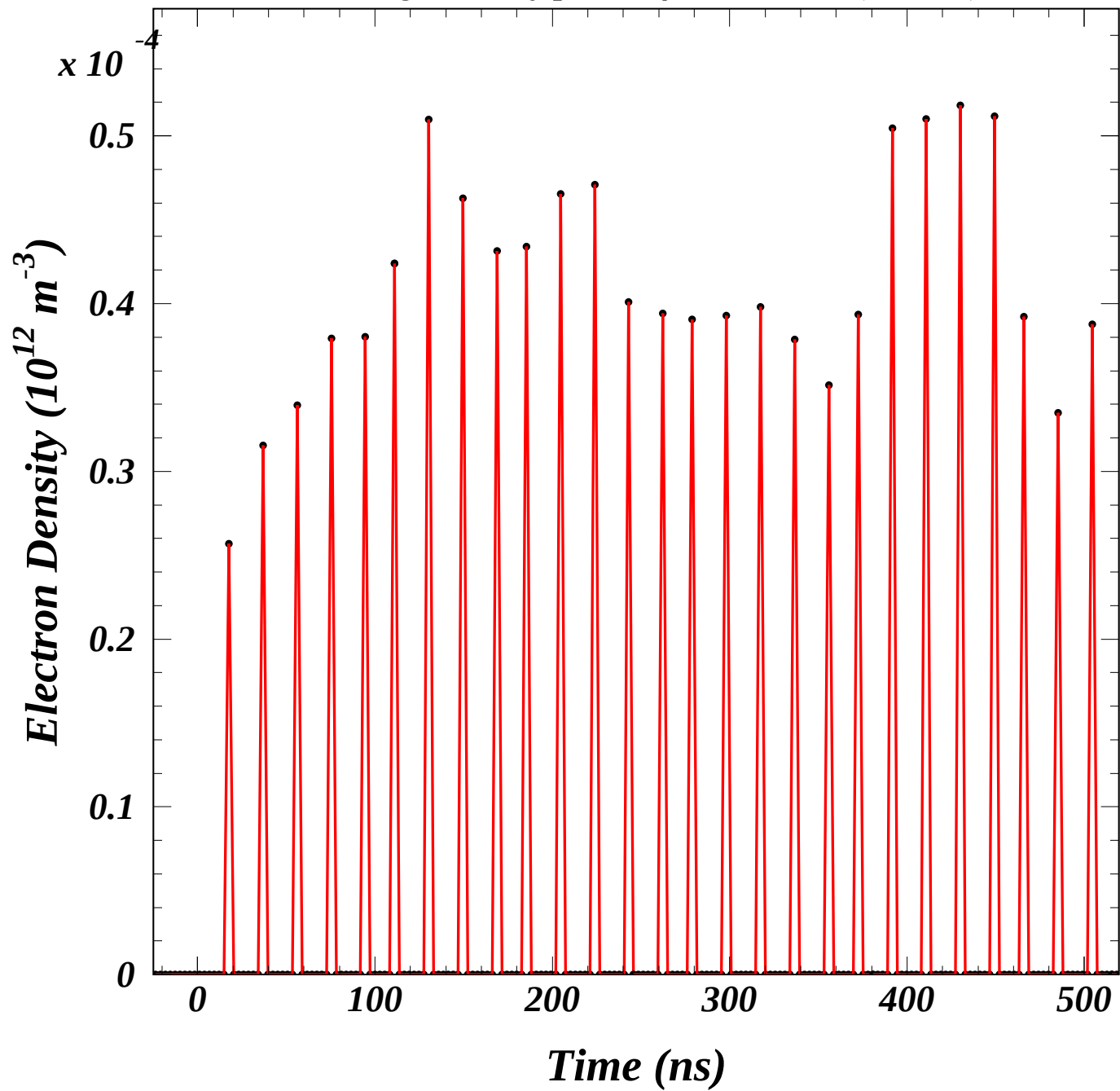
Job 51275: Beampipe-averaged Cloud Density (10^{12} m^{-3})

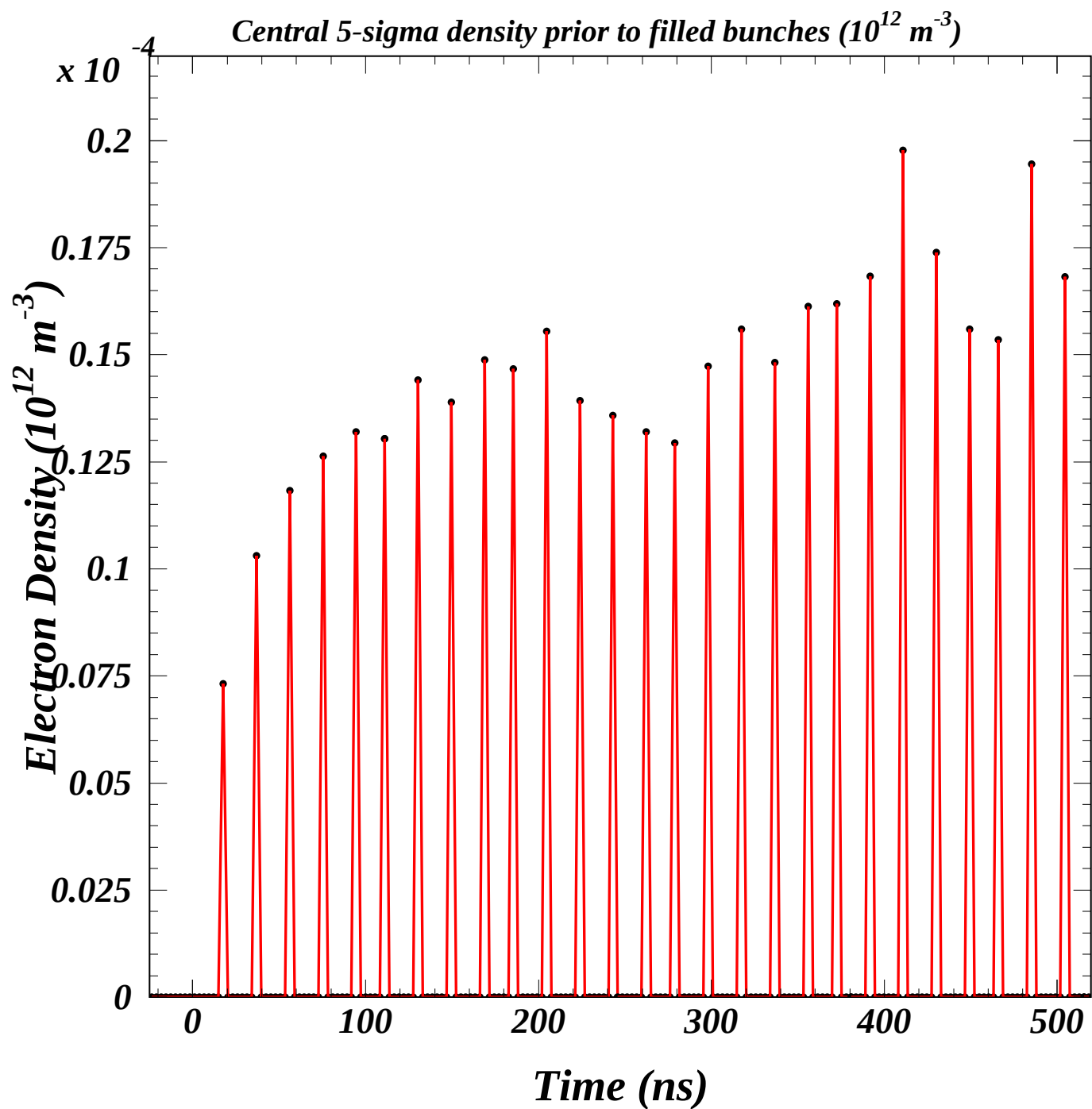


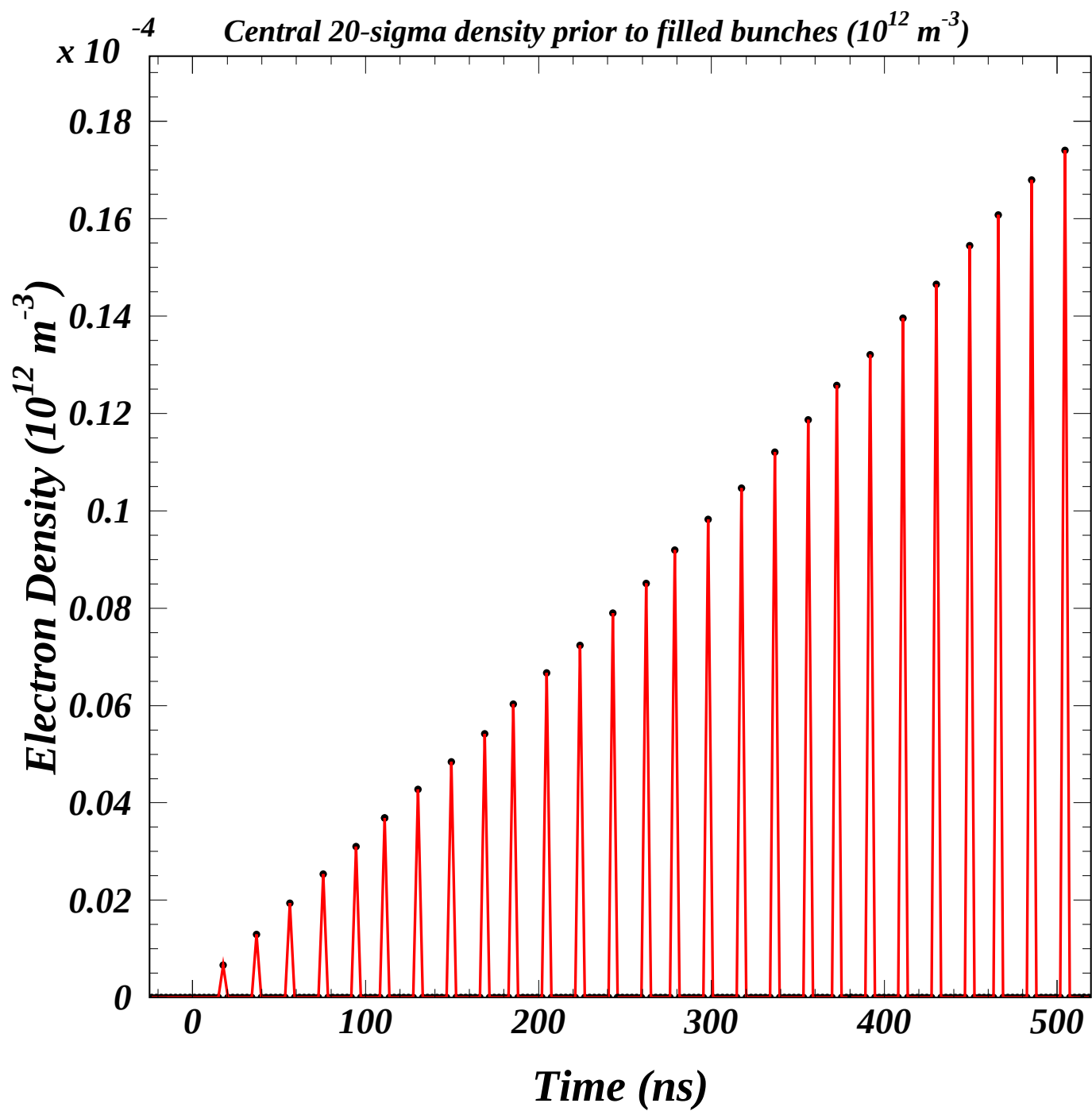
Macroparticle Statistics

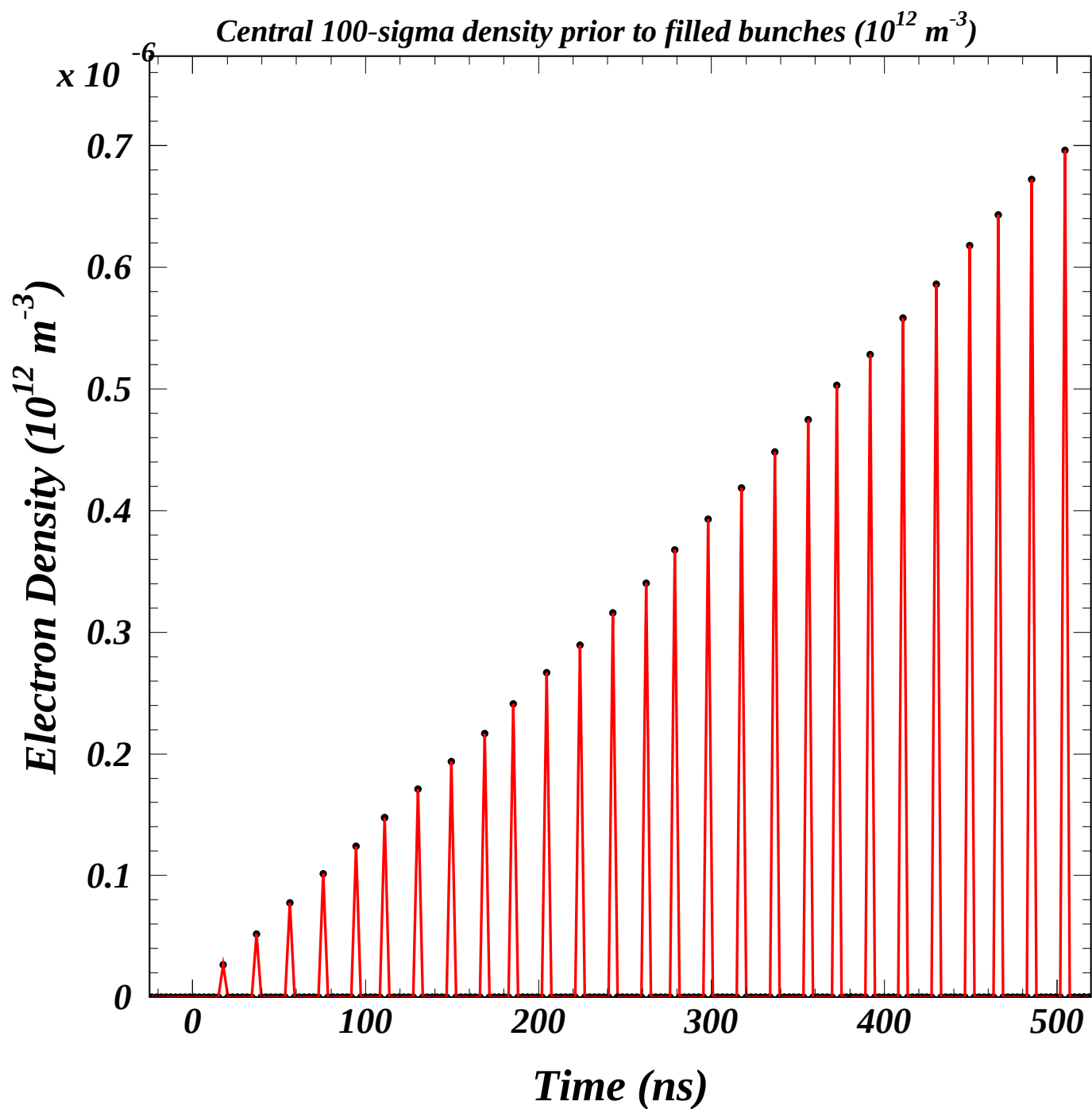


Beam-averaged density prior to filled bunches (10^{12} m^{-3})





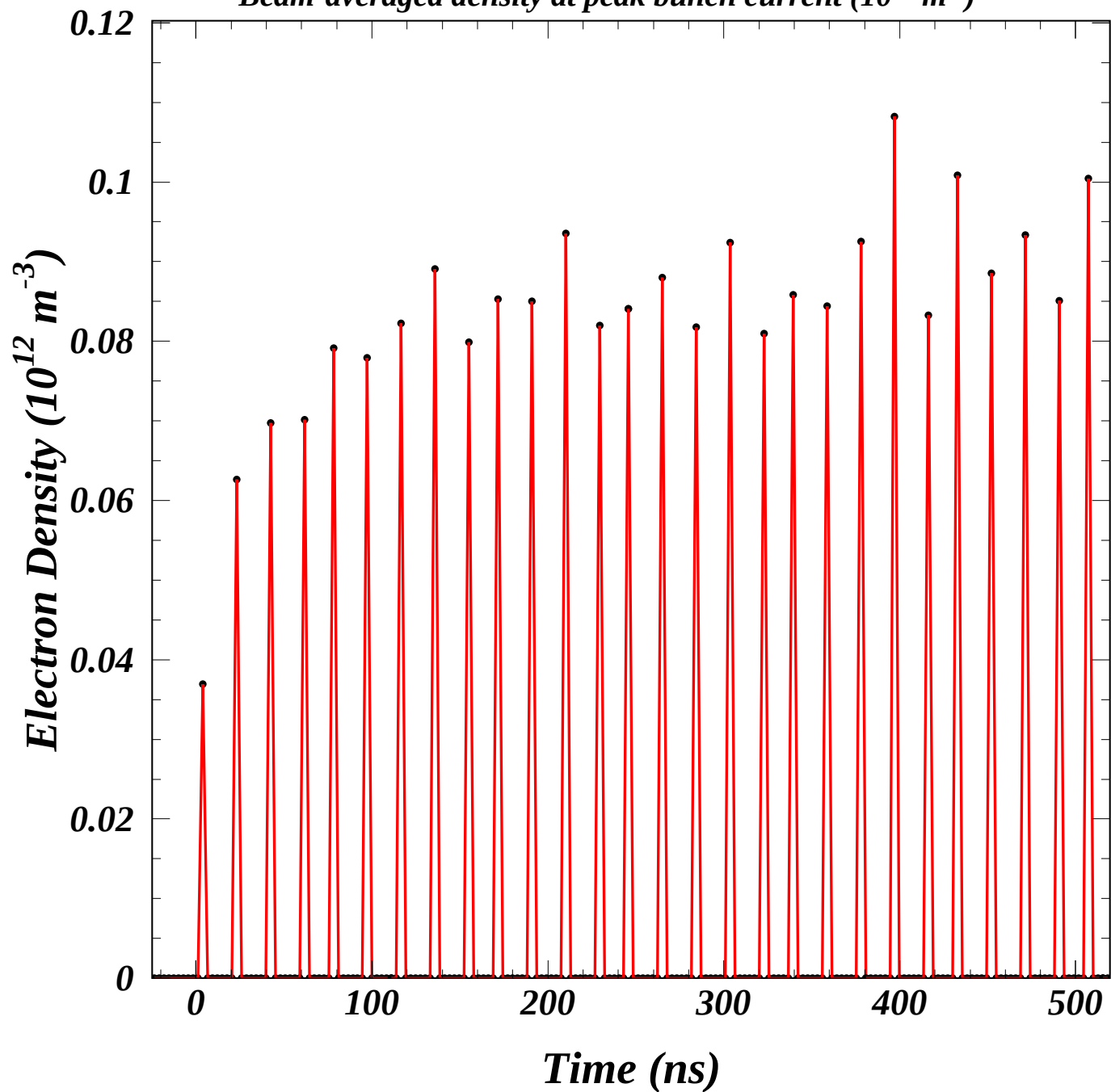


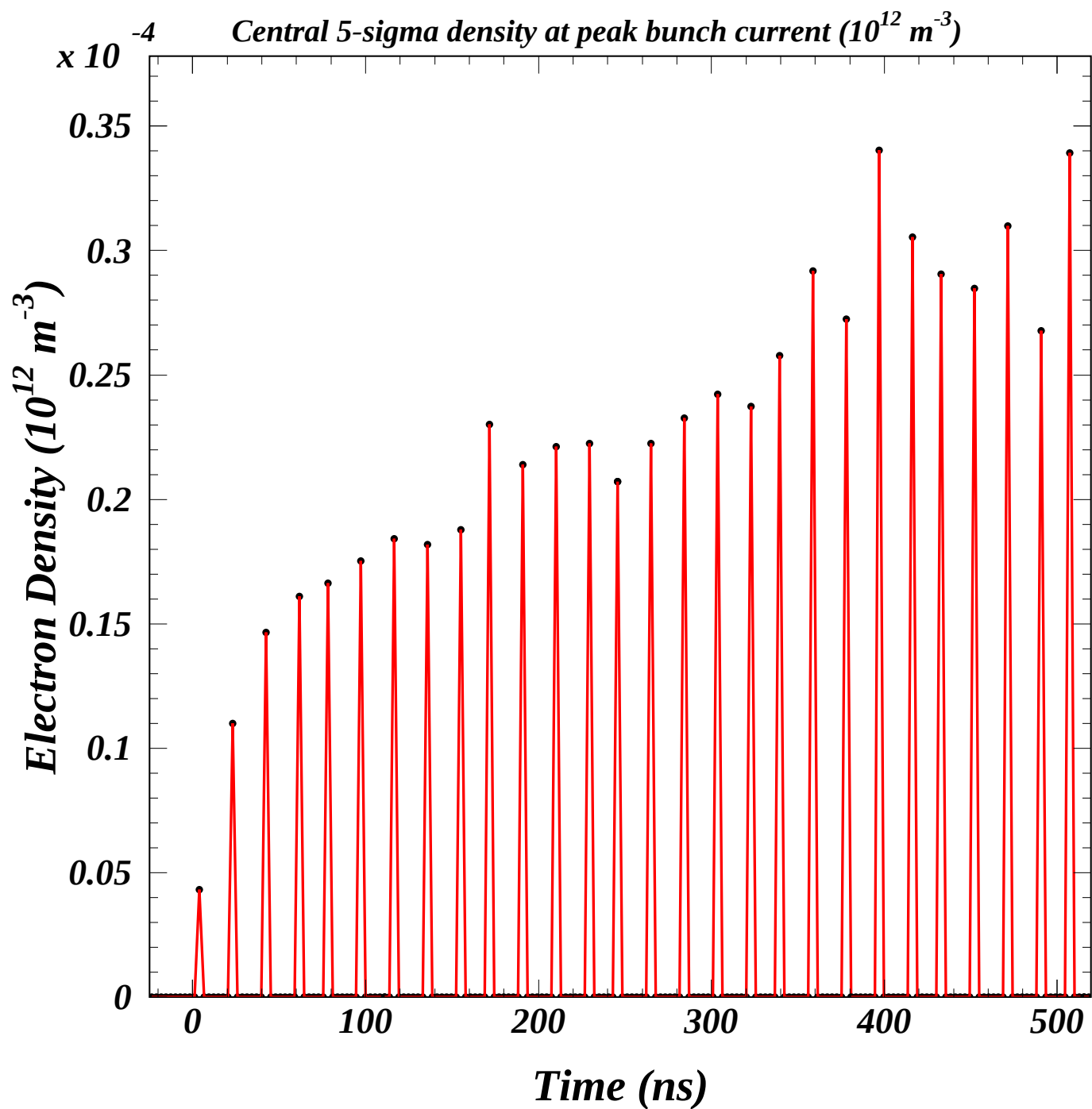


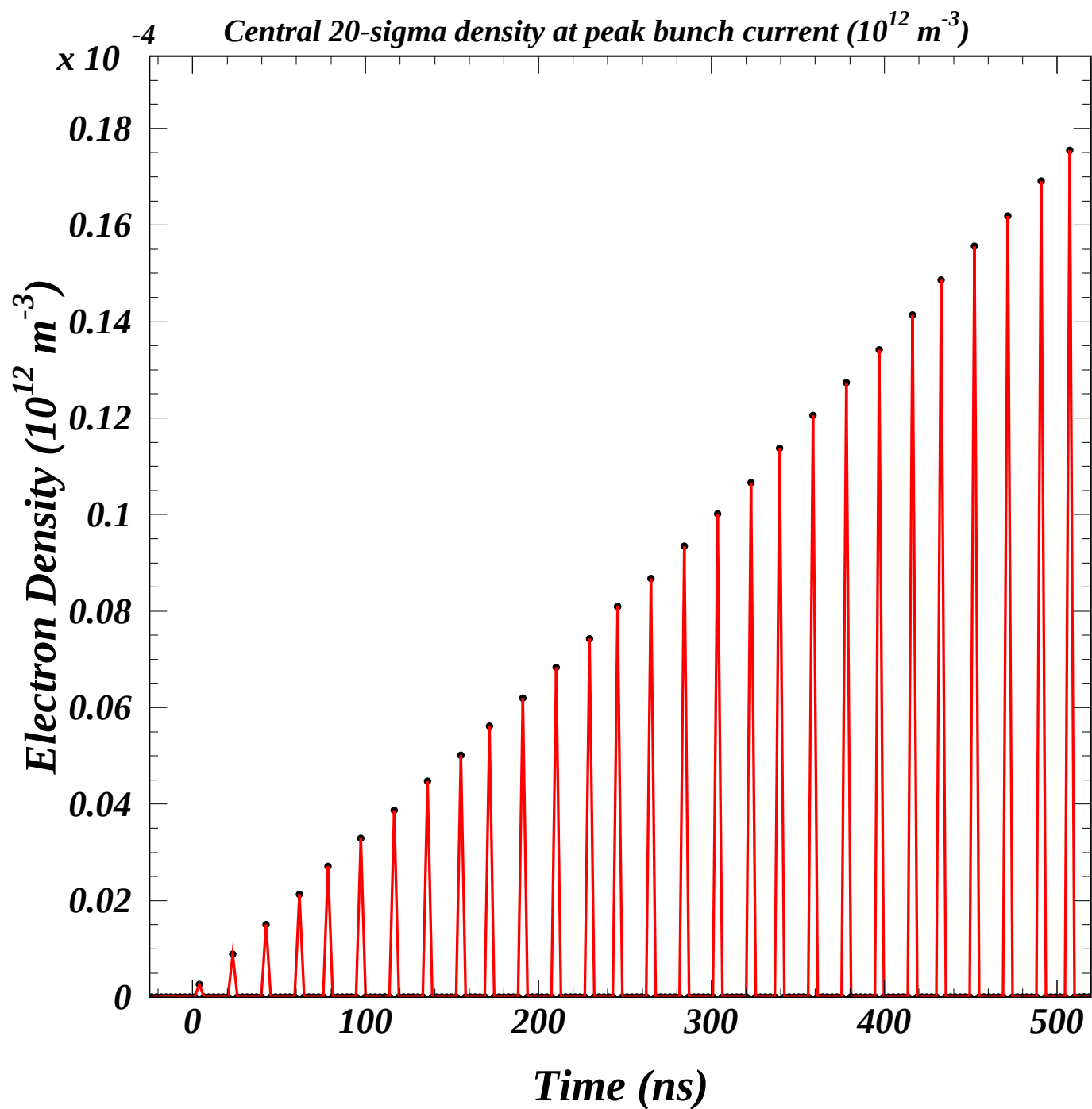
$\times 10^{-3}$

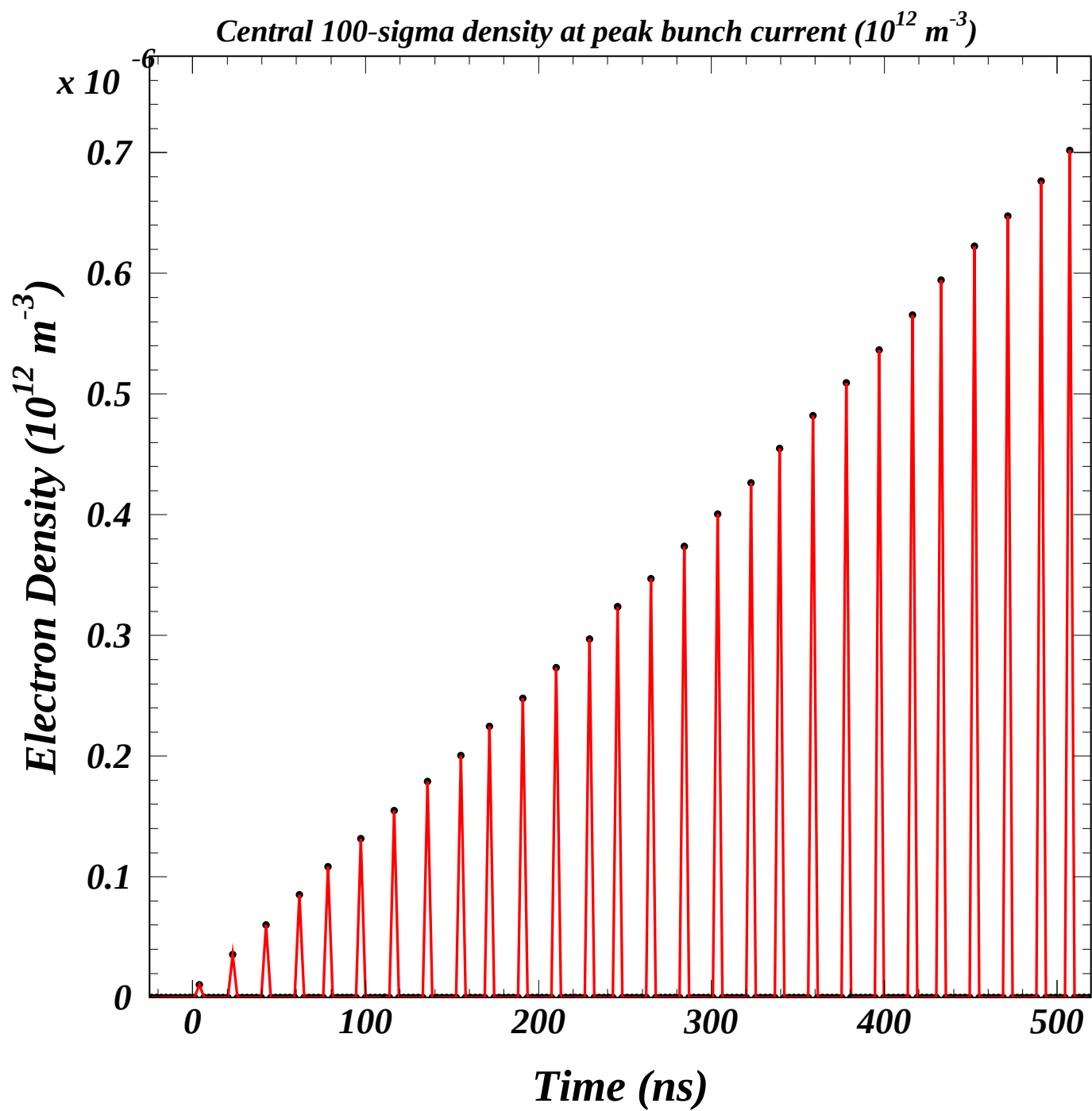
17/01/02 10.43

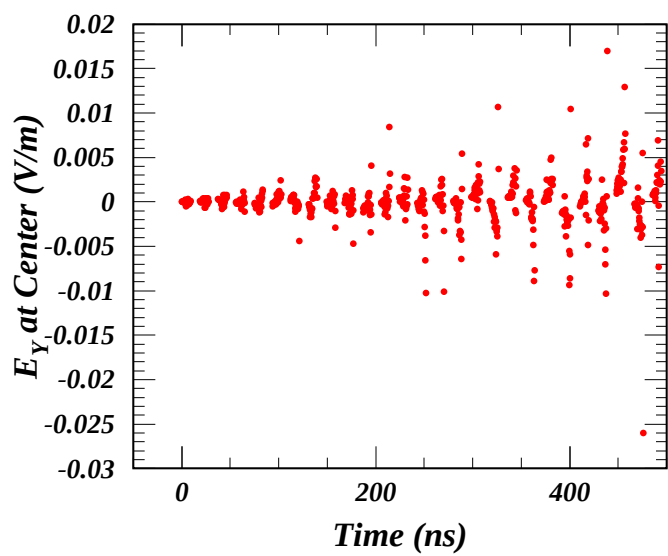
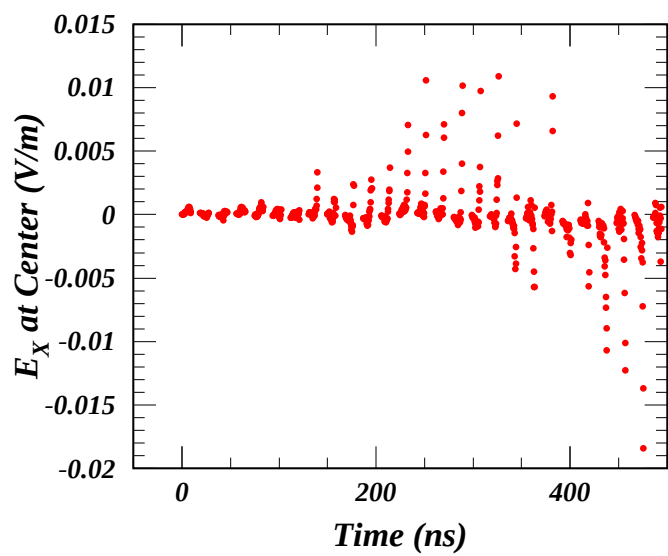
Beam-averaged density at peak bunch current (10^{12} m^{-3})

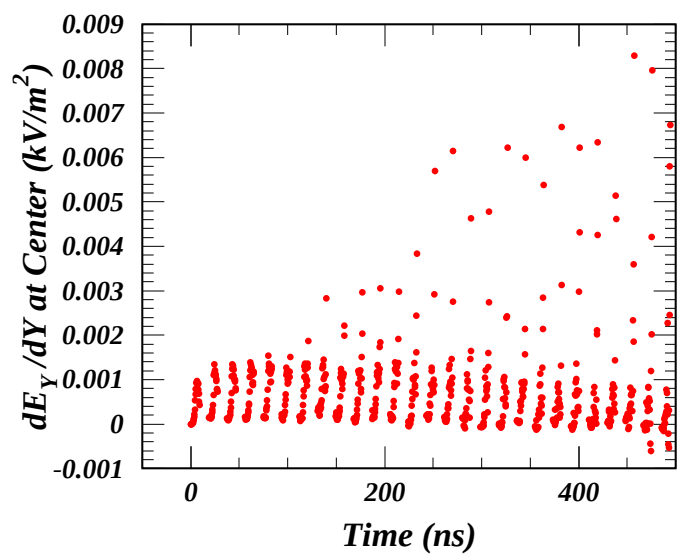
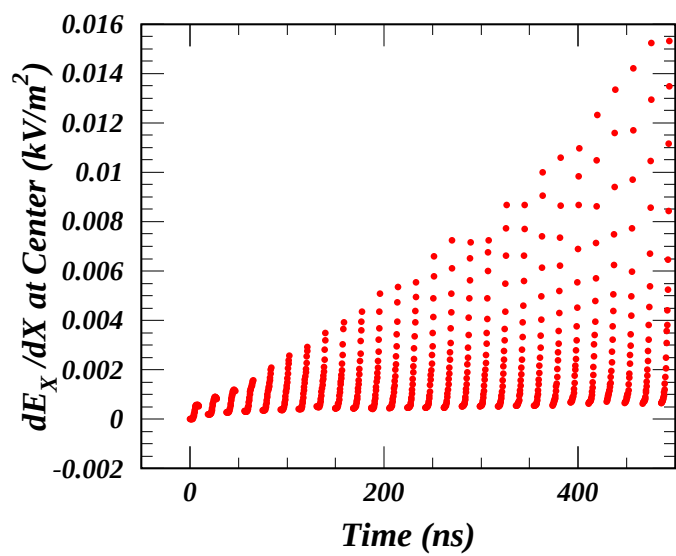




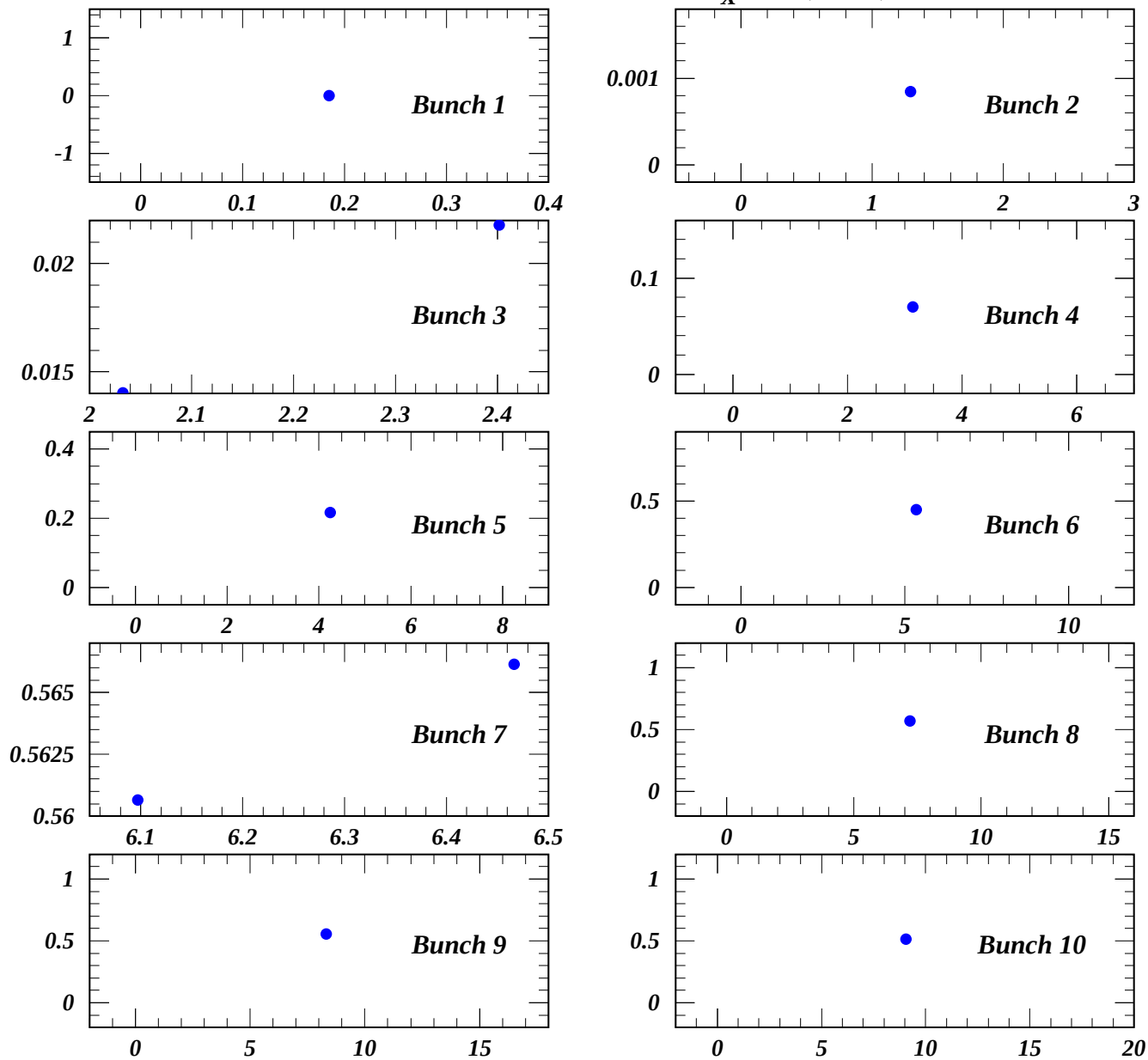




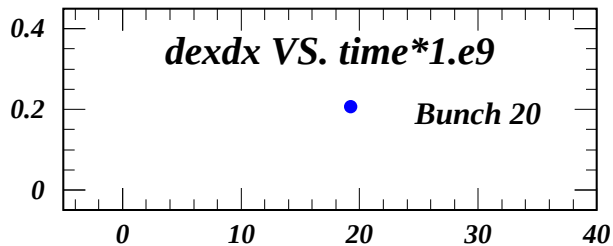
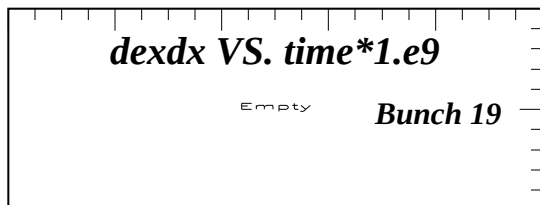
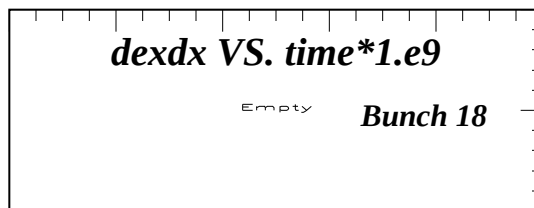
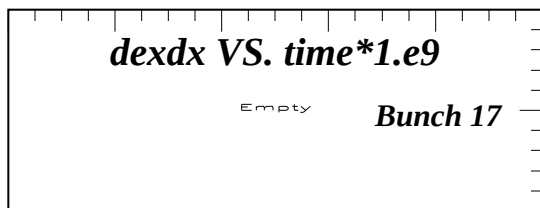
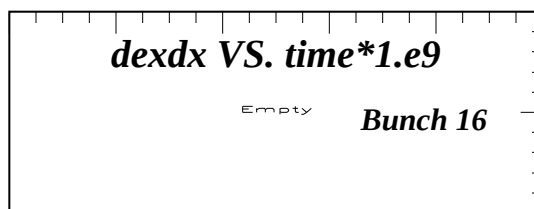
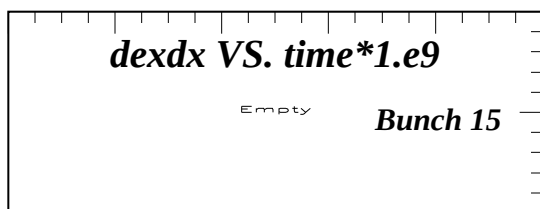
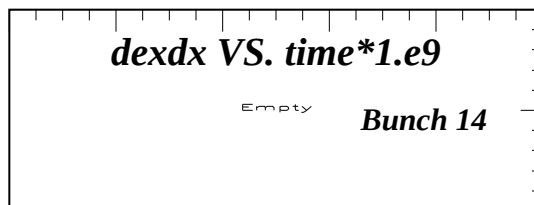
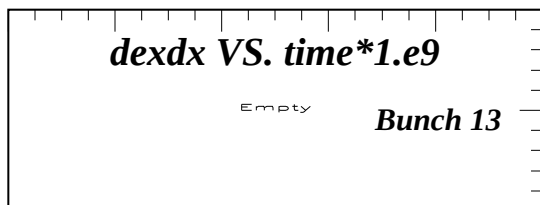
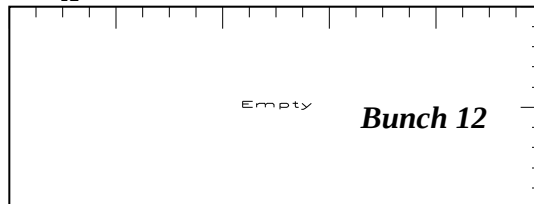
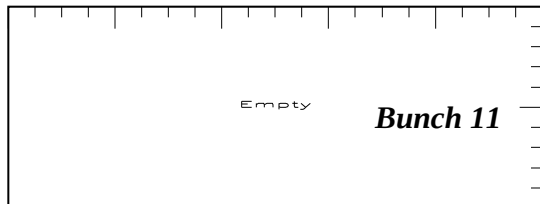




Job 51275: Field Gradient dE_x/dX (V/m²)

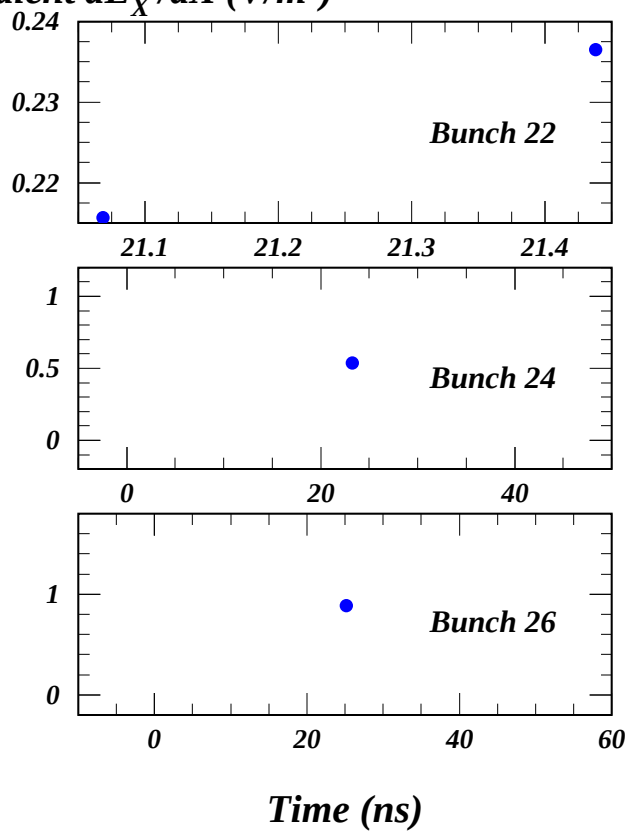
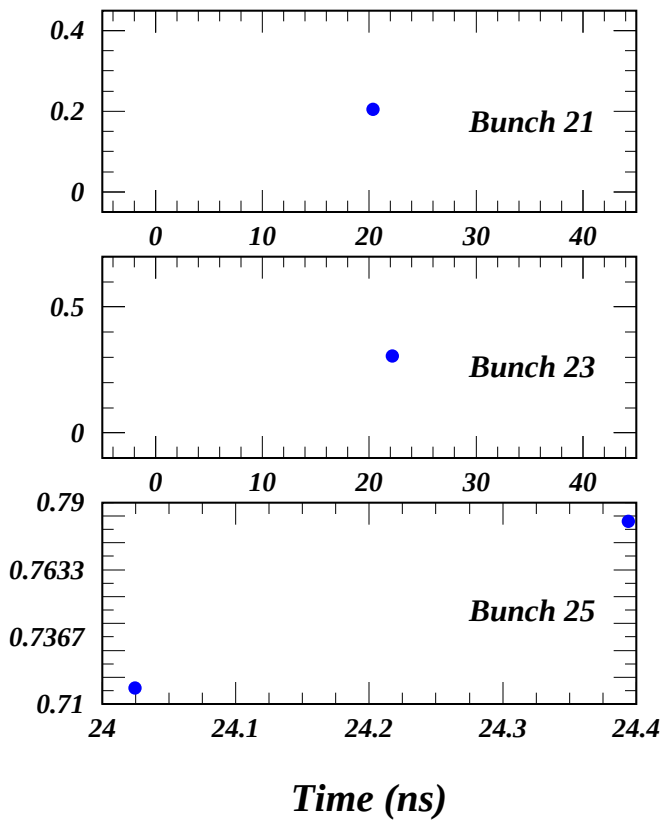


Job 51275: Field Gradient dE_x/dX (V/m²)

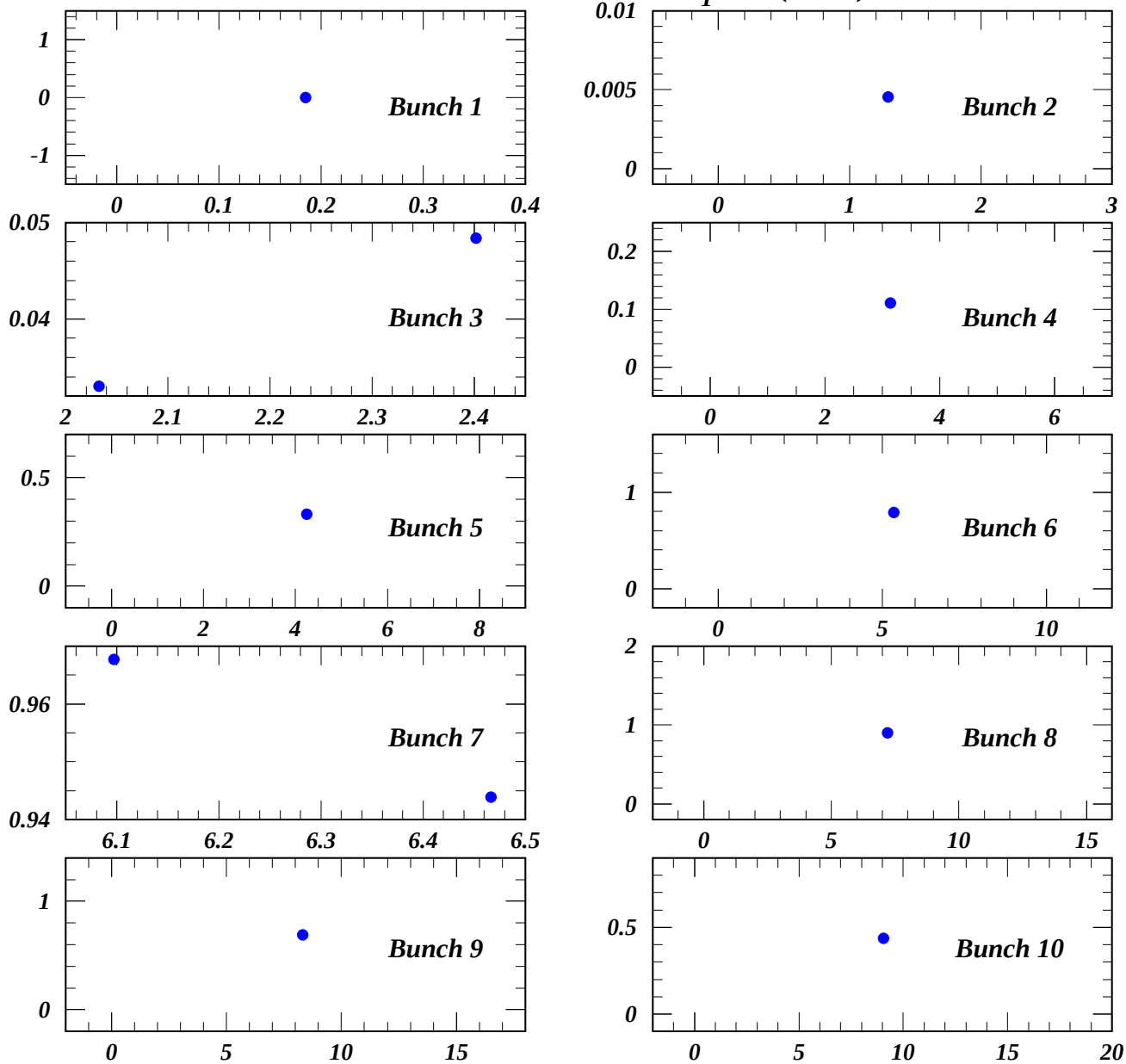


dexdx VS. time*1.e9

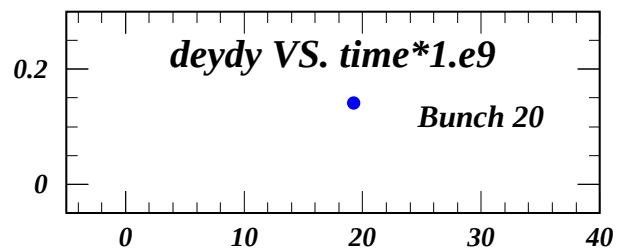
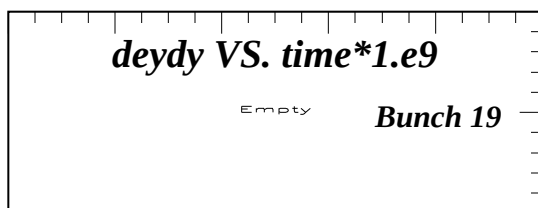
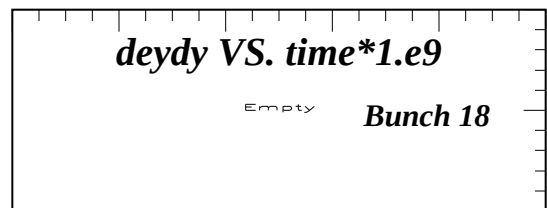
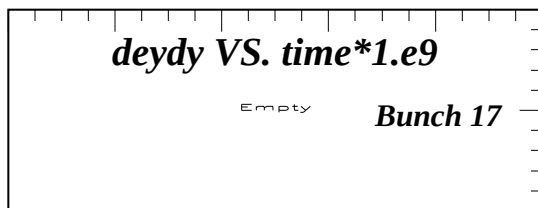
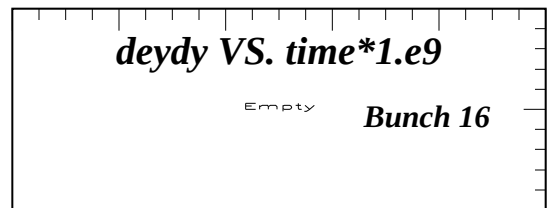
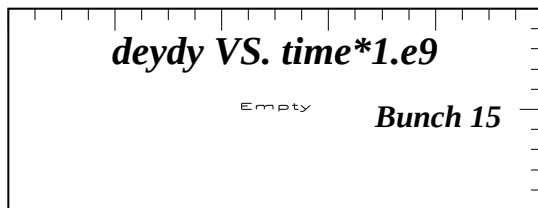
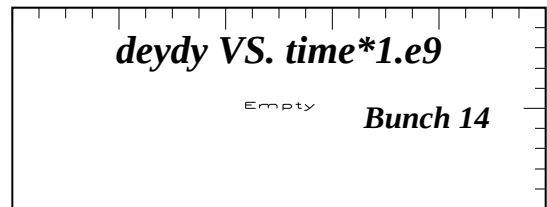
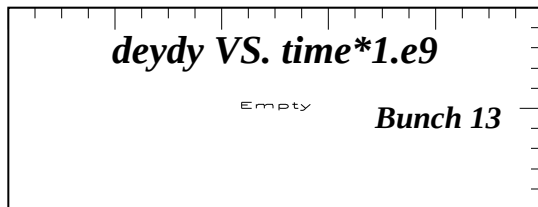
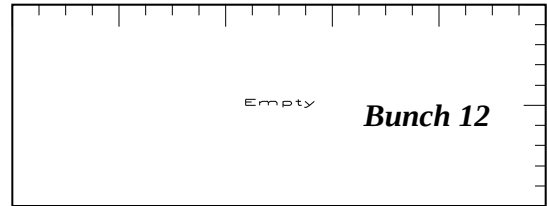
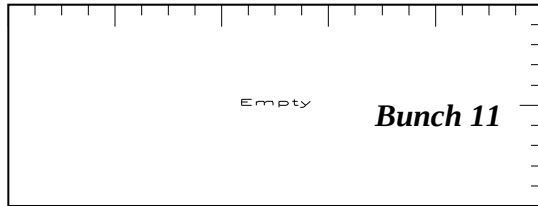
Job 51275: Field Gradient dE_x/dX (V/m²)



Job 51275: Field Gradient dE_Y/dY (V/m²)

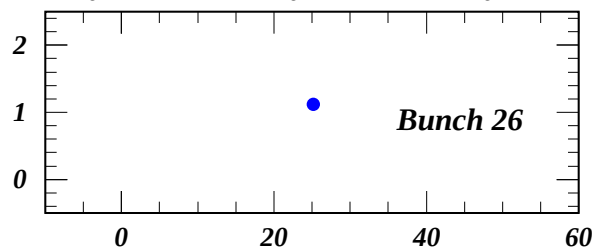
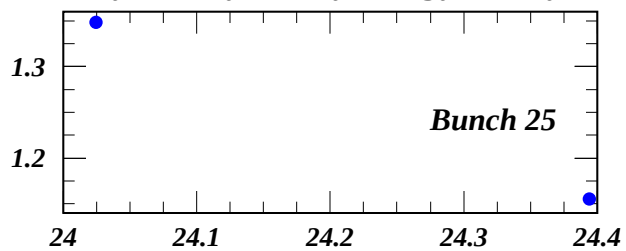
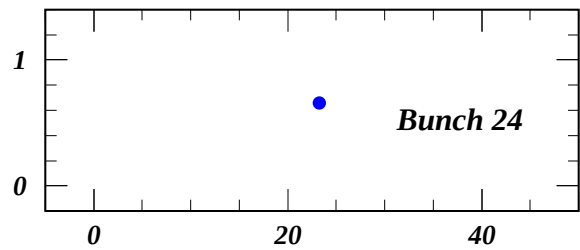
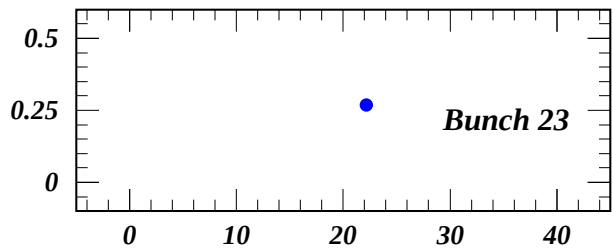
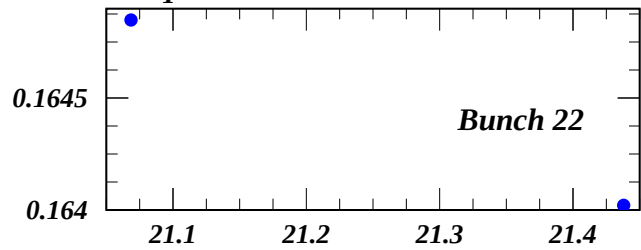
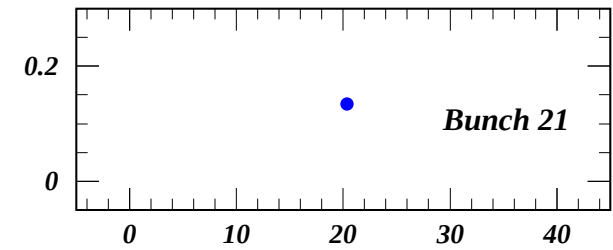


Job 51275: Field Gradient dE_Y/dY (V/m²)



deydy VS. time*1.e9

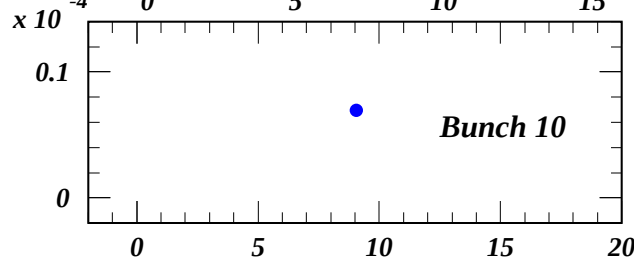
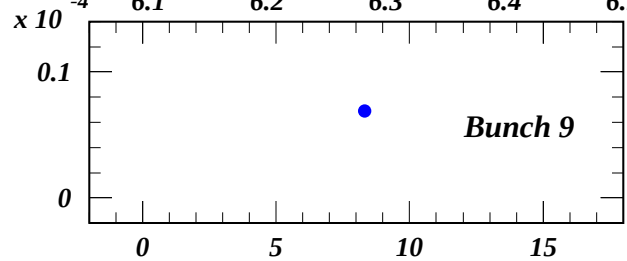
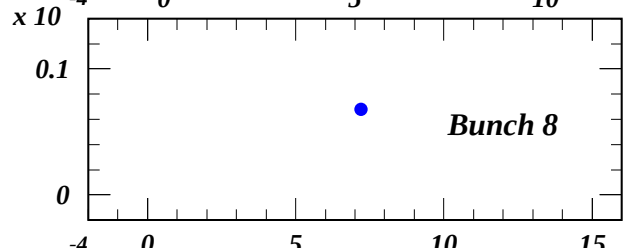
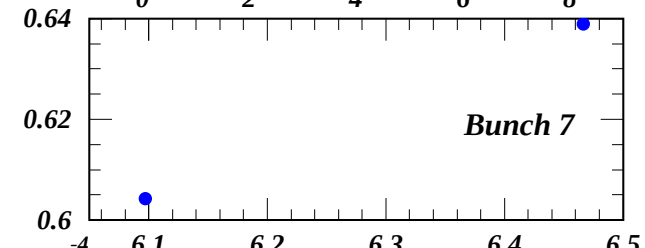
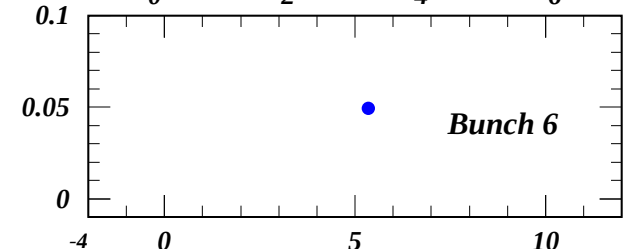
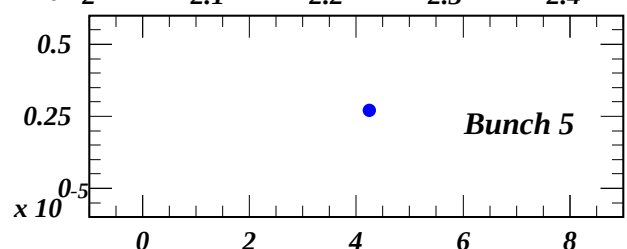
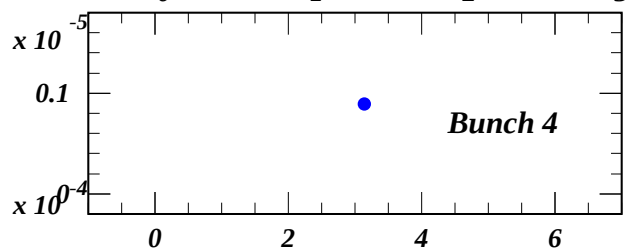
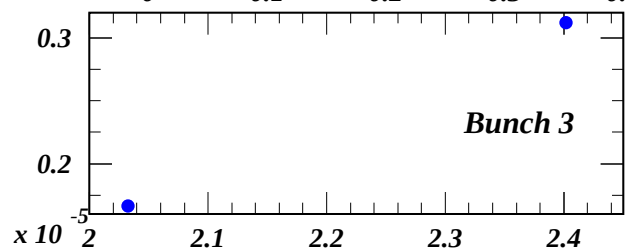
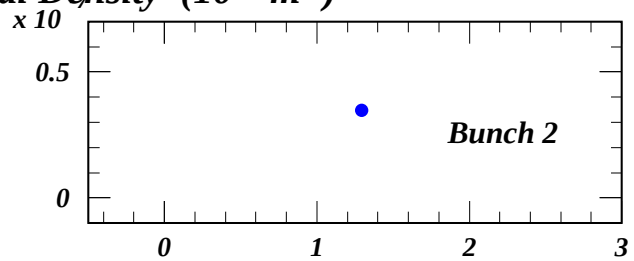
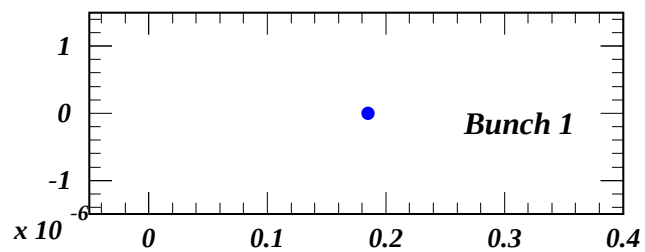
Job 51275: Field Gradient dE_Y/dY (V/m²)



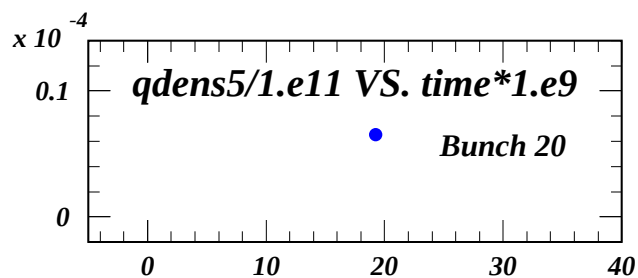
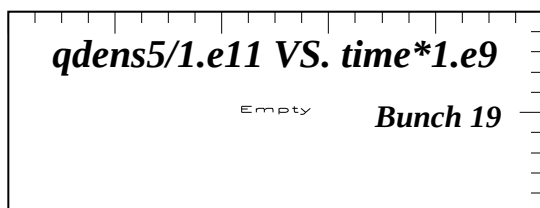
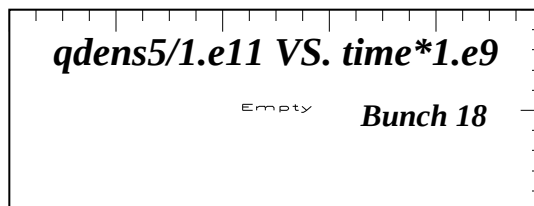
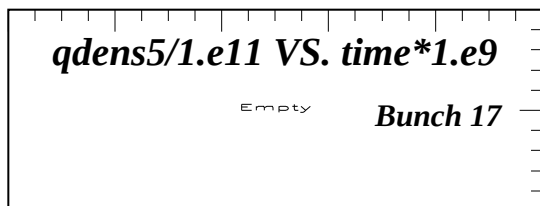
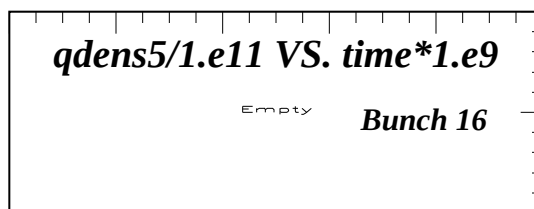
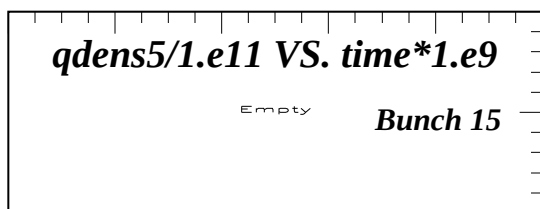
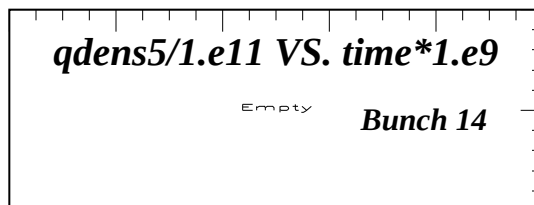
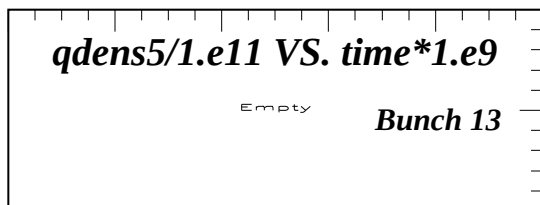
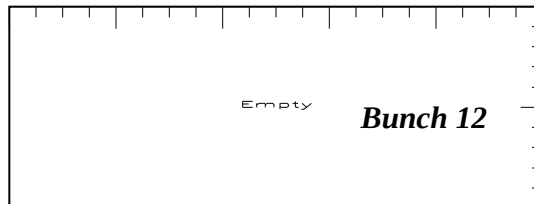
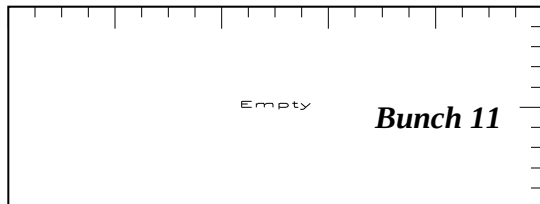
Time (ns)

Time (ns)

Job 51275: 5σ Central Density (10^{11} m^{-3})

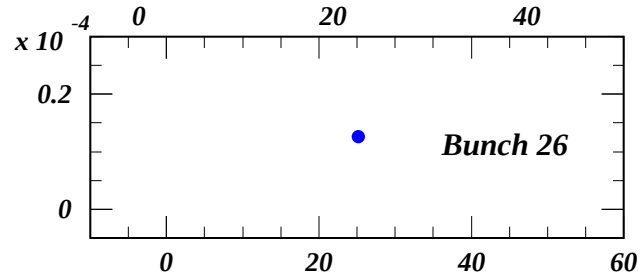
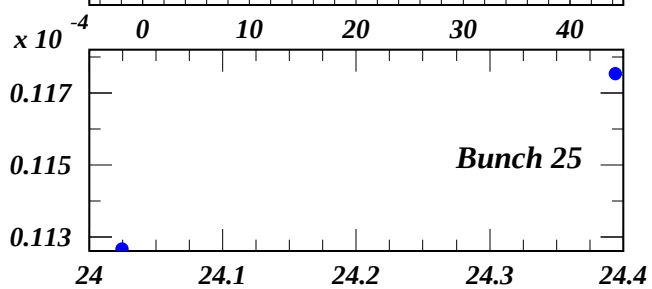
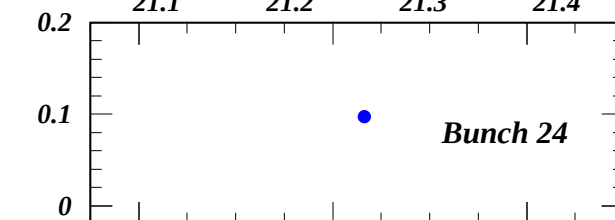
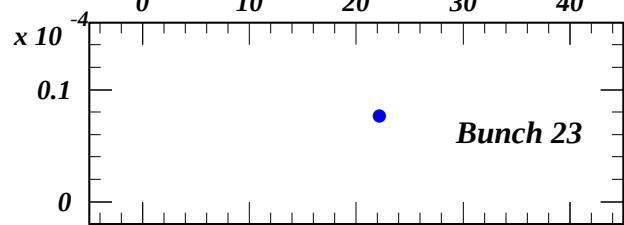
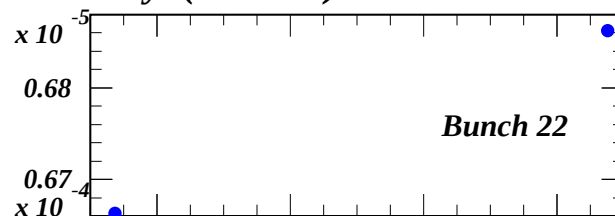
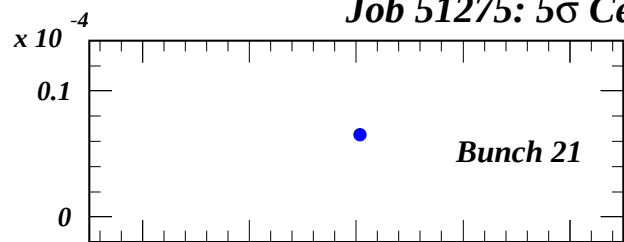


Job 51275: 5σ Central Density (10^{11} m^{-3})



qdens5/1.e11 VS. time*1.e9

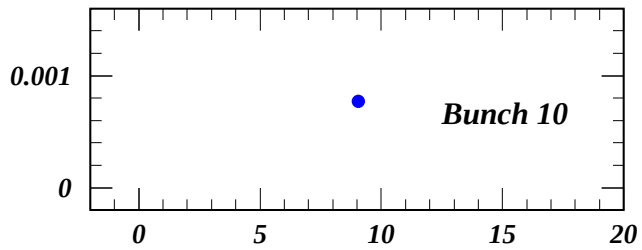
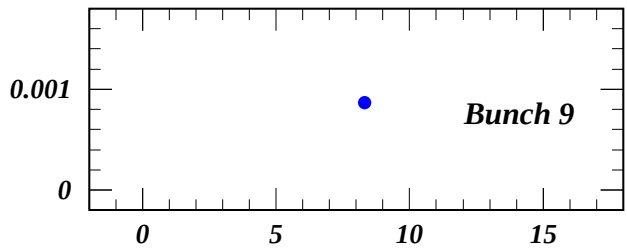
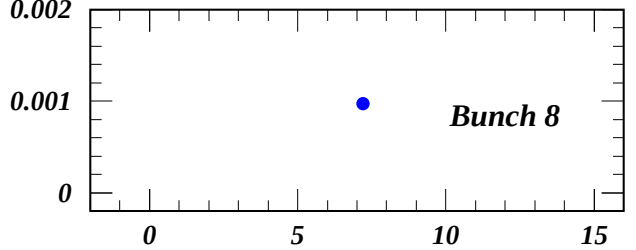
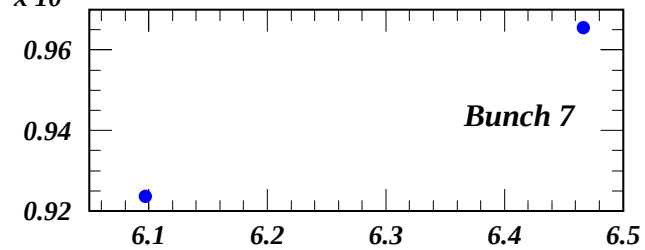
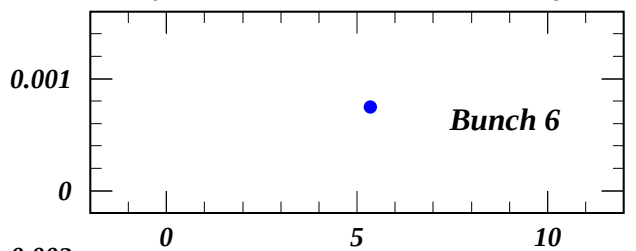
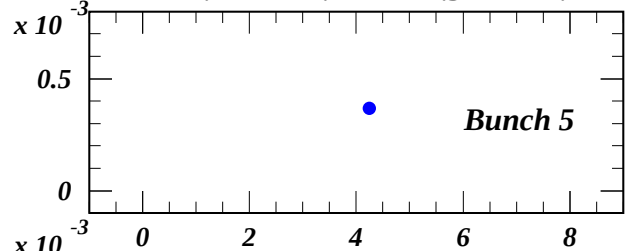
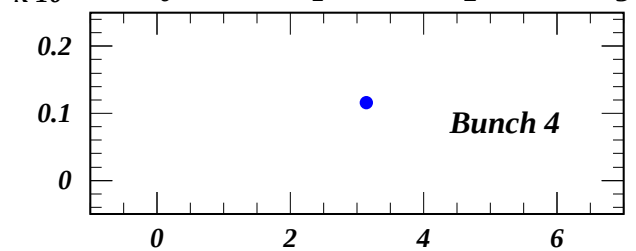
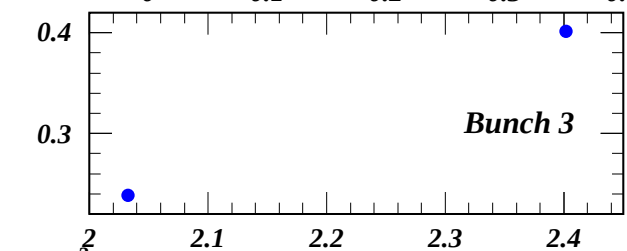
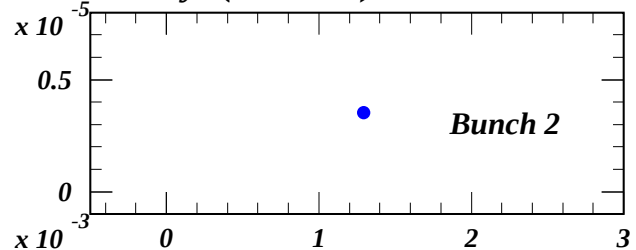
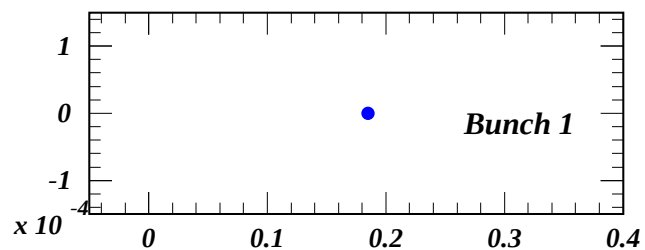
Job 51275: 5σ Central Density (10^{11} m^{-3})



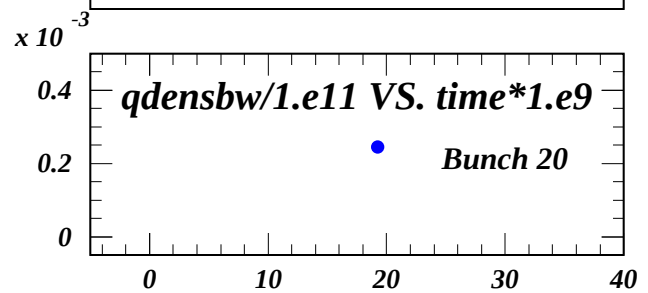
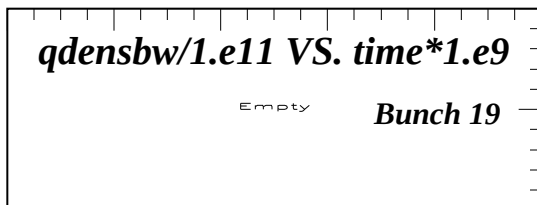
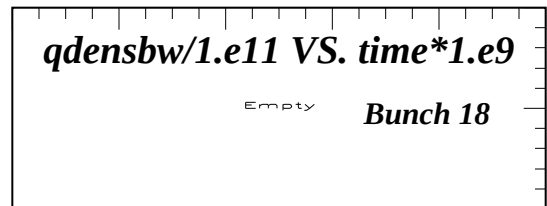
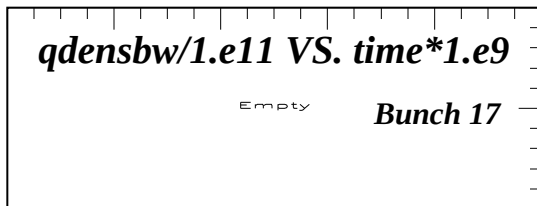
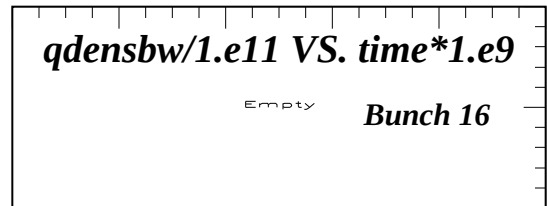
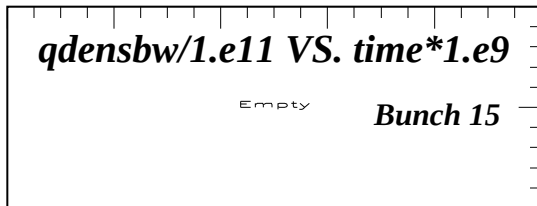
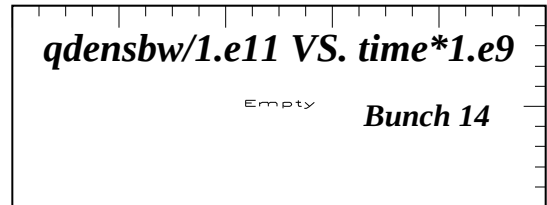
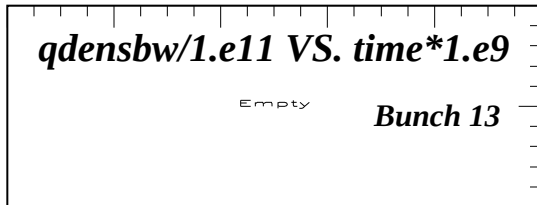
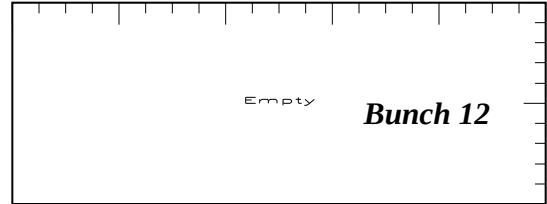
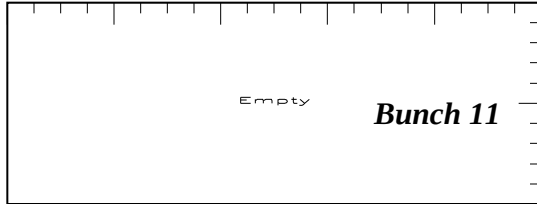
Time (ns)

Time (ns)

Job 51275: Beam-weighted Density (10^{11} m^{-3})



Job 51275: Beam-weighted Density (10^{11} m^{-3})



qdensbw/1.e11 VS. time*1.e9

Job 51275: Beam-weighted Density (10^{11} m^{-3})

