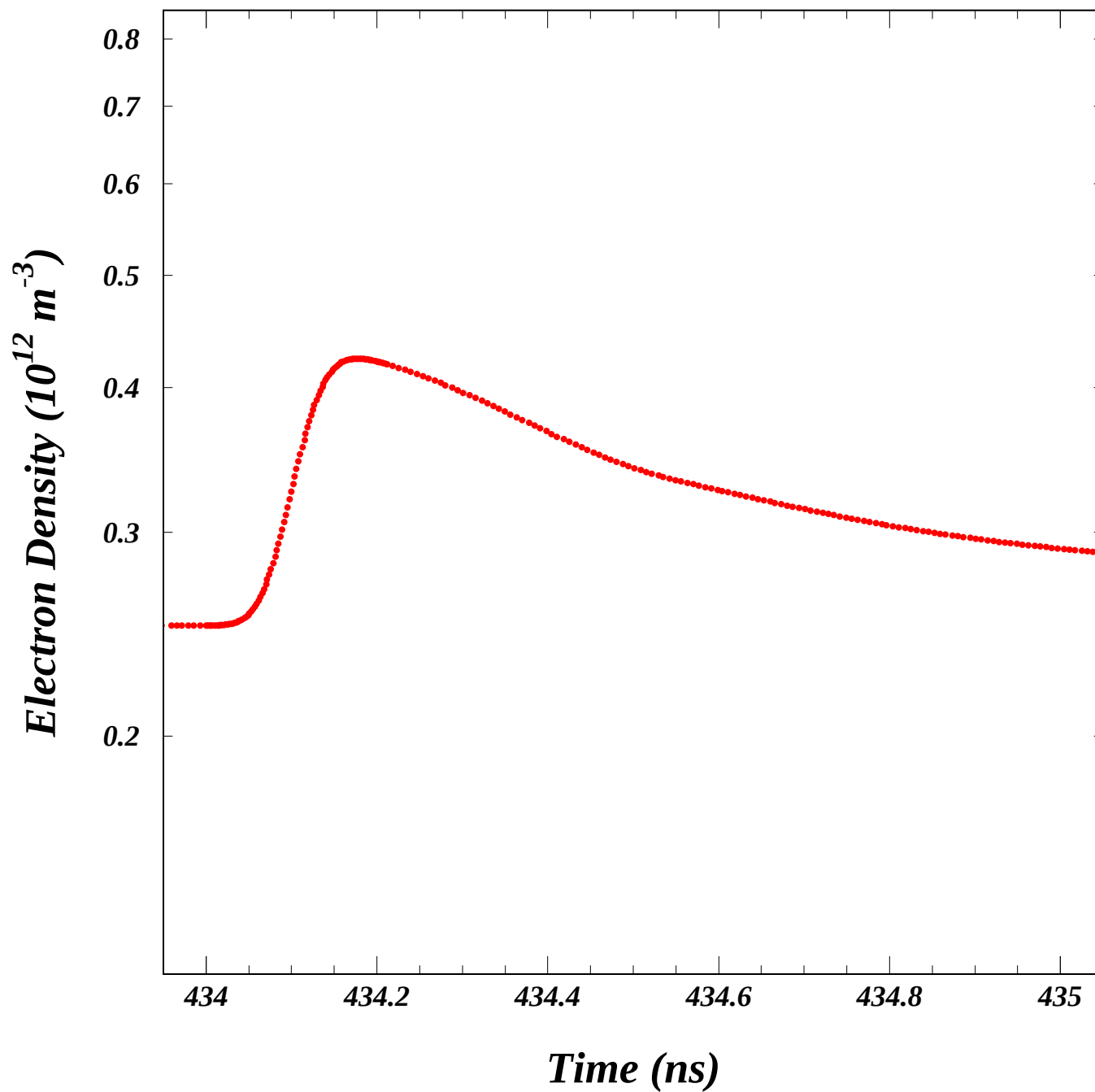
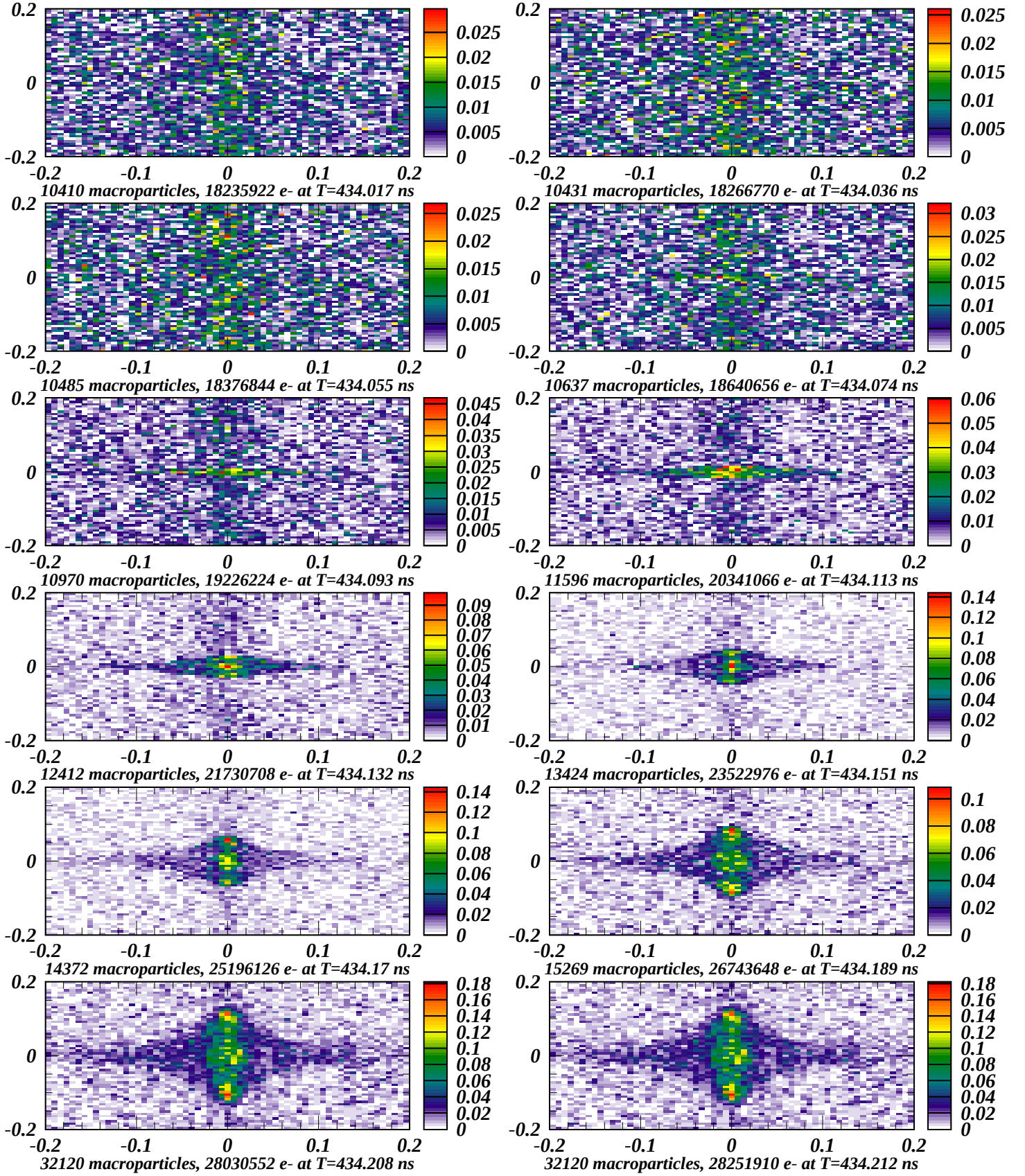


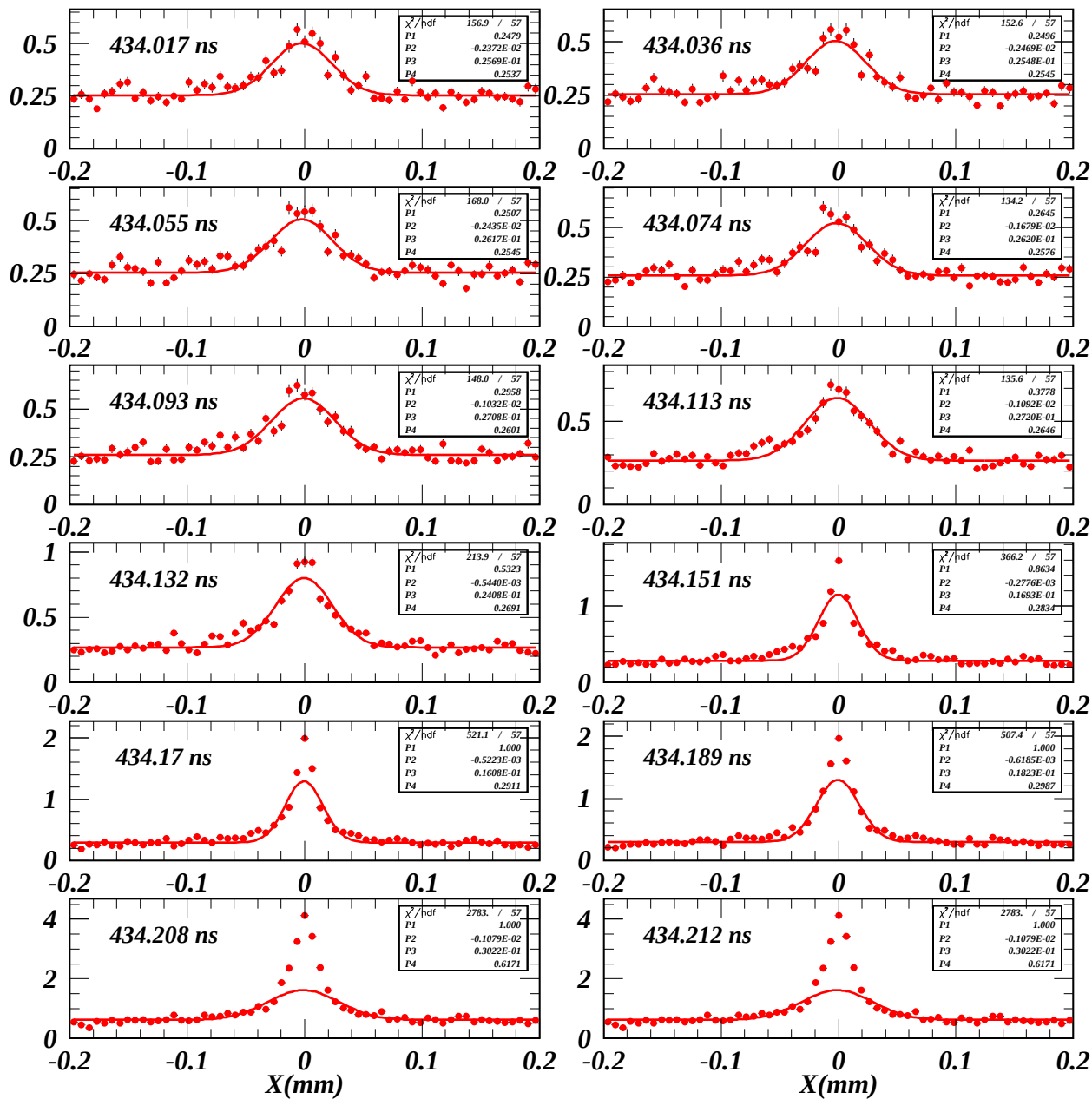
Job 41299: Beampipe-averaged Cloud Density (10^{12} m^{-3})



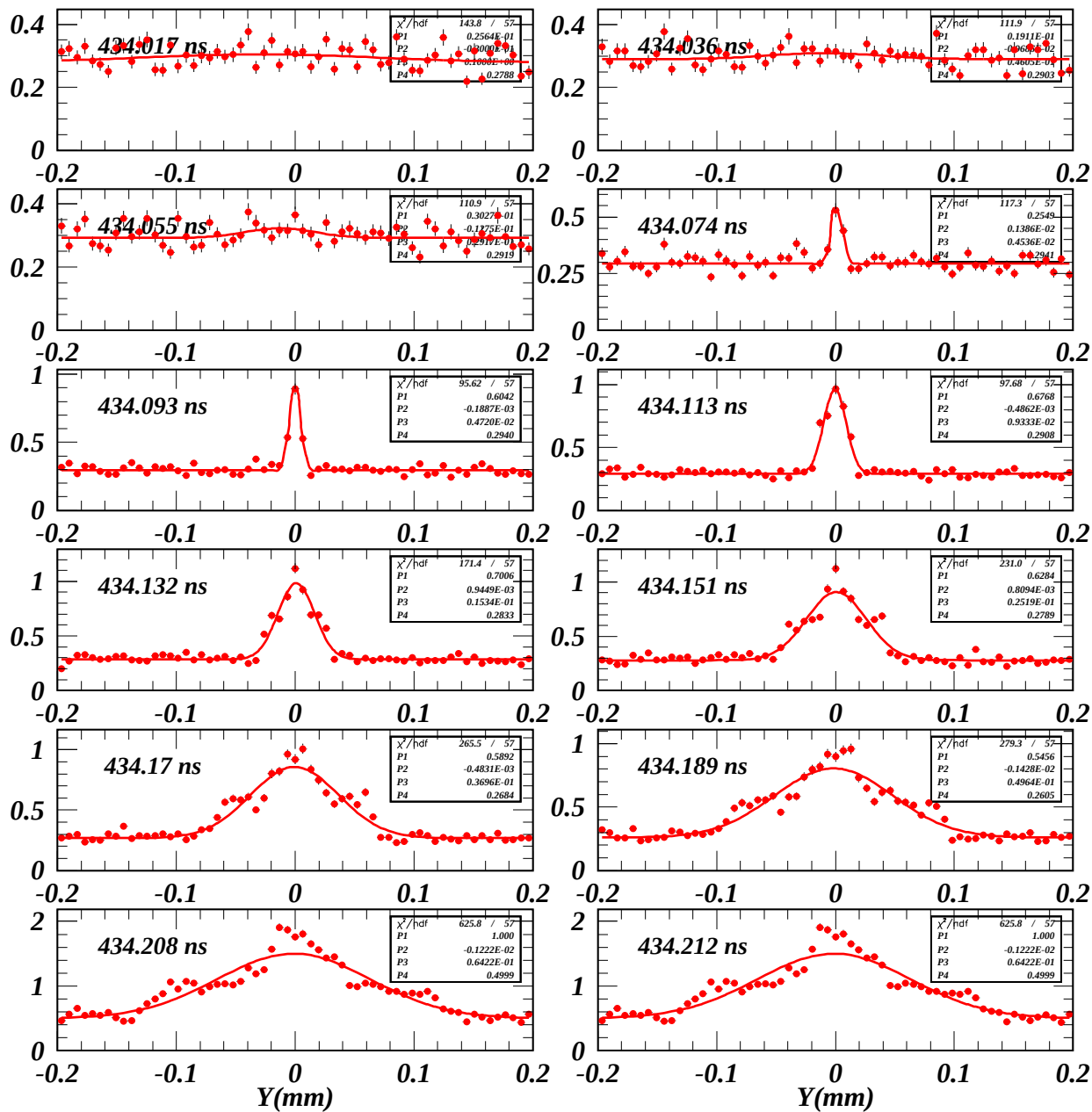
Job 41299: Cloud charge snapshots

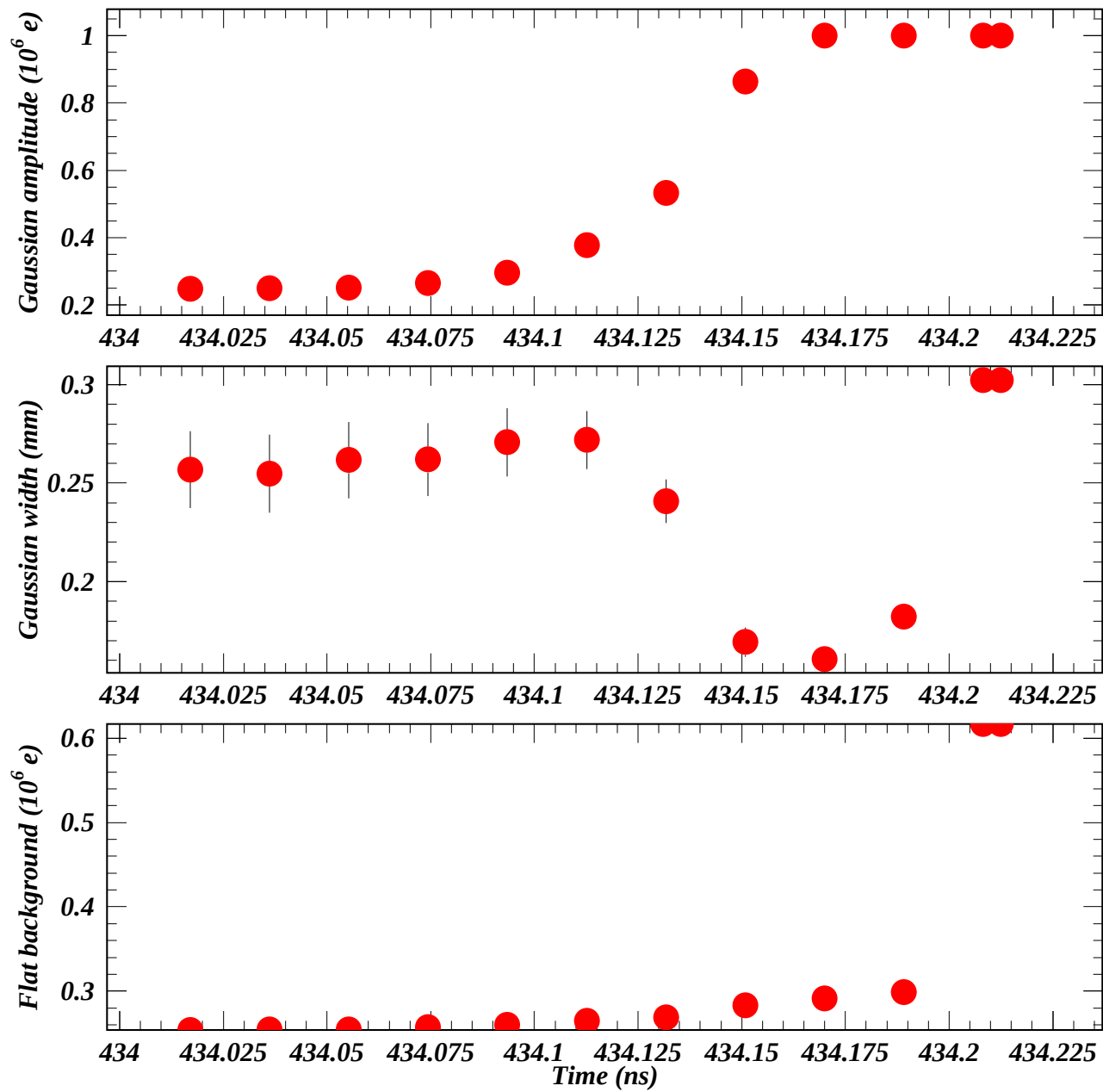


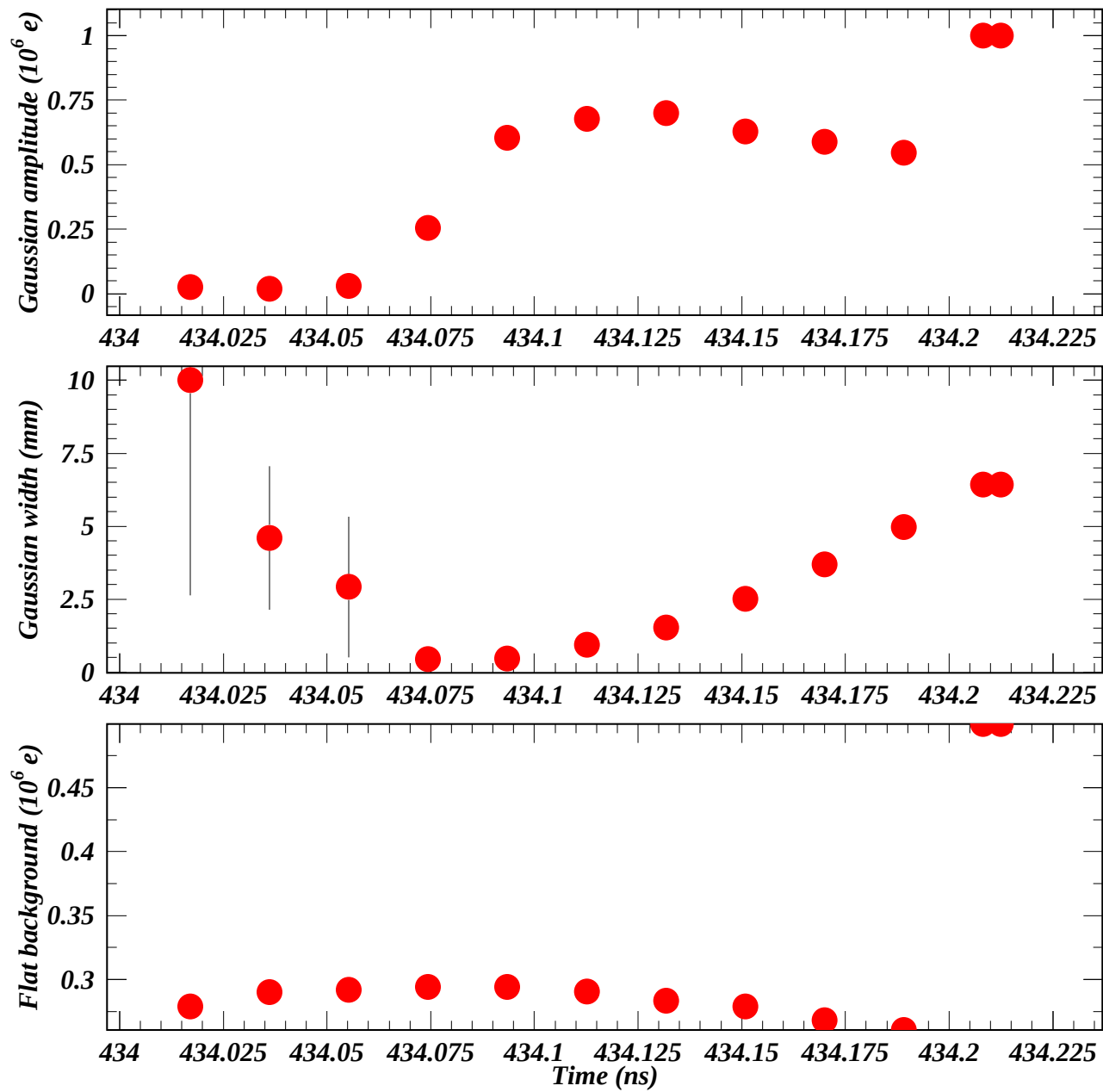
Job 41299: Fits to cloud charge X distribution



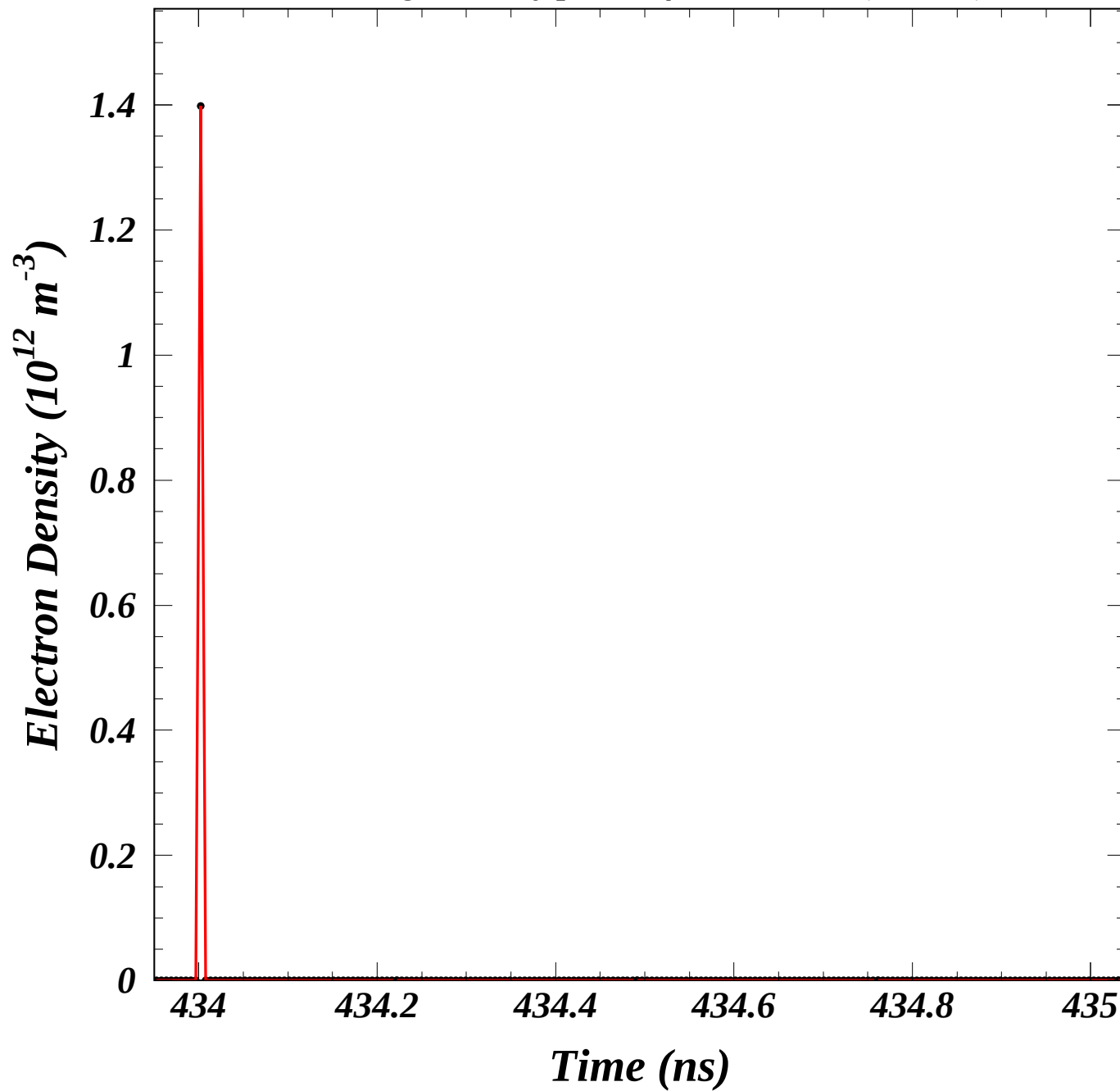
Job 41299: Fits to cloud charge Y distribution



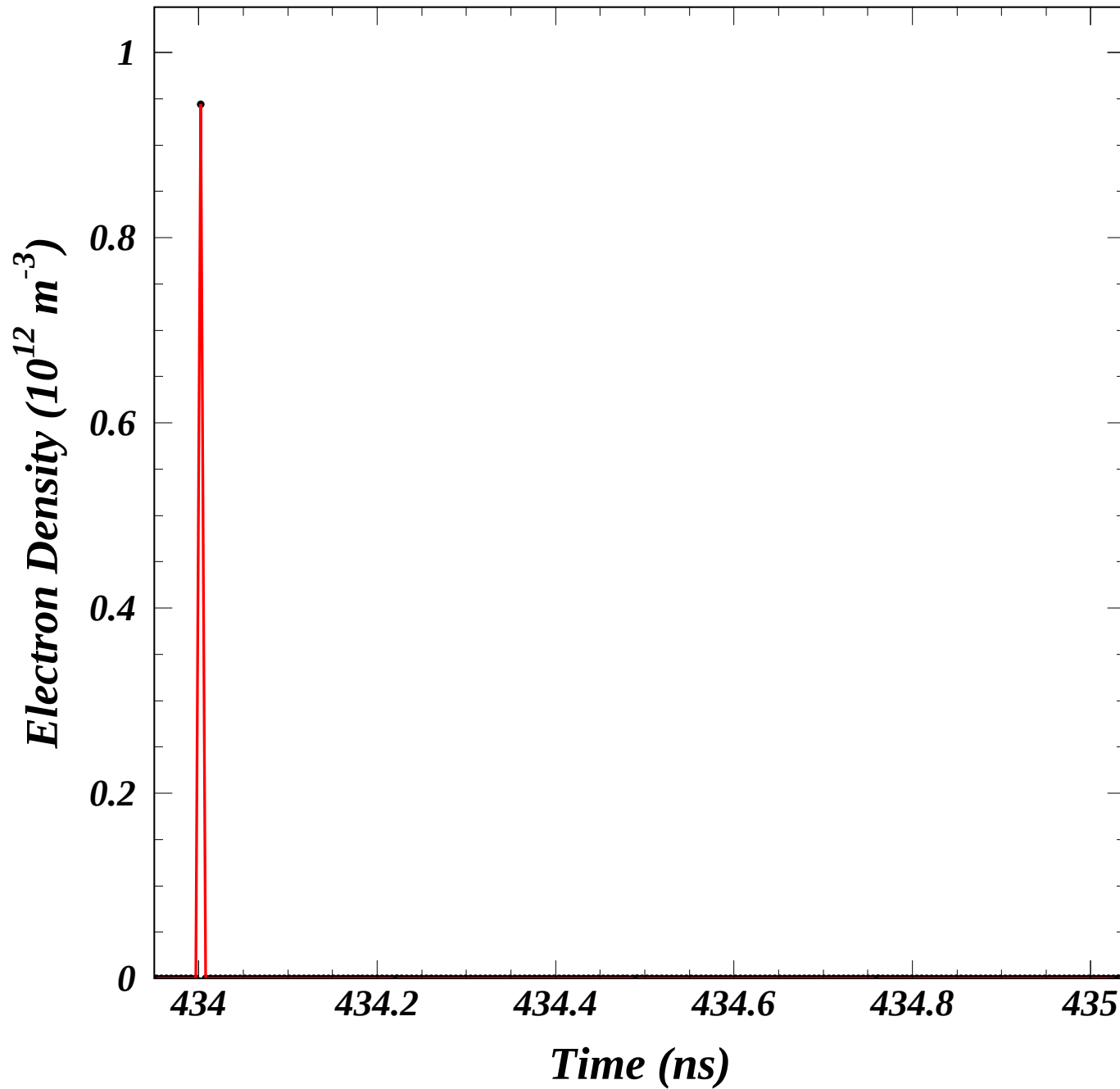
Job 41299: Fits to cloud charge X distribution

Job 41299: Fits to cloud charge Y distribution

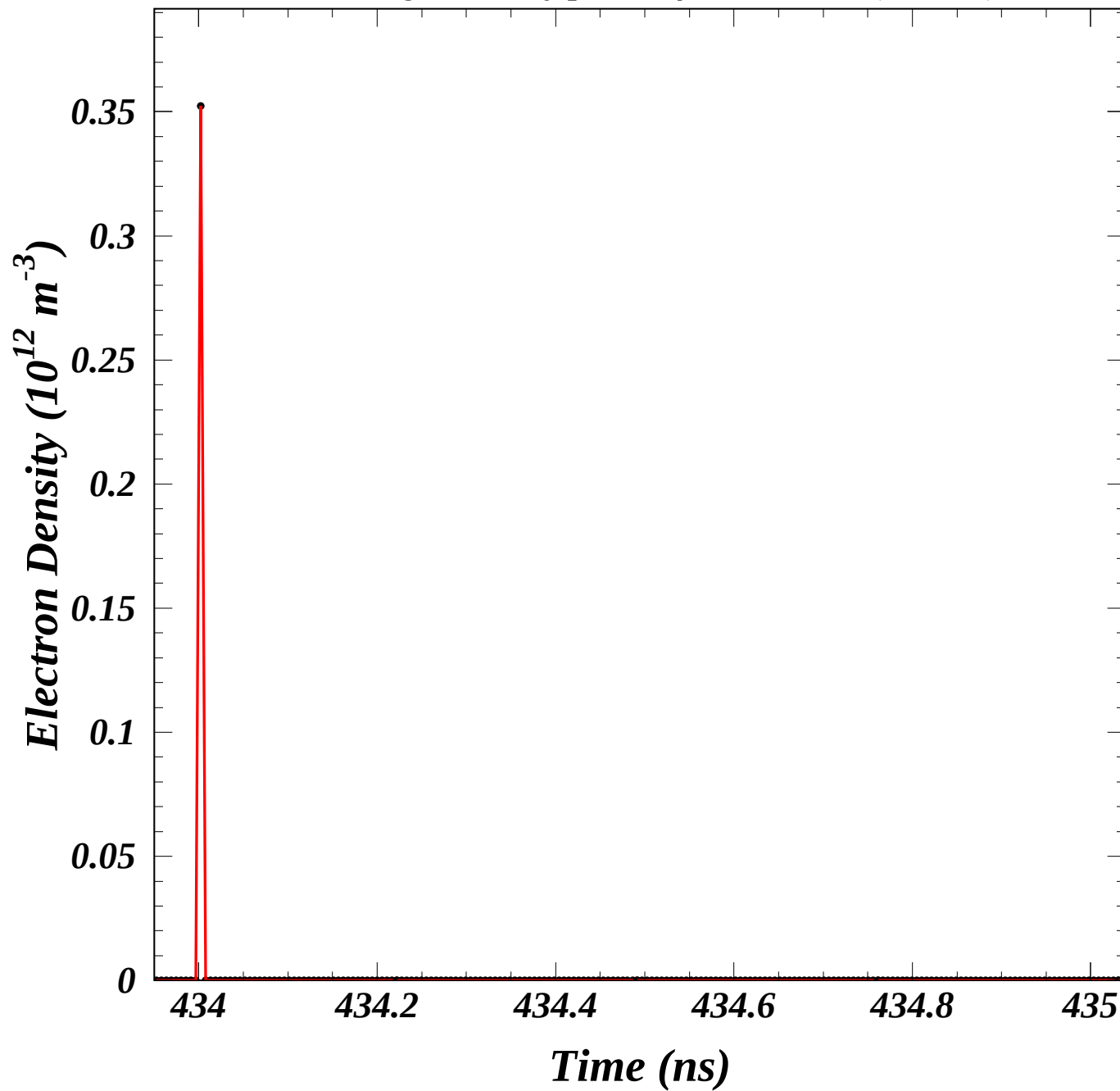
Beam-averaged density prior to filled bunches (10^{12} m^{-3})



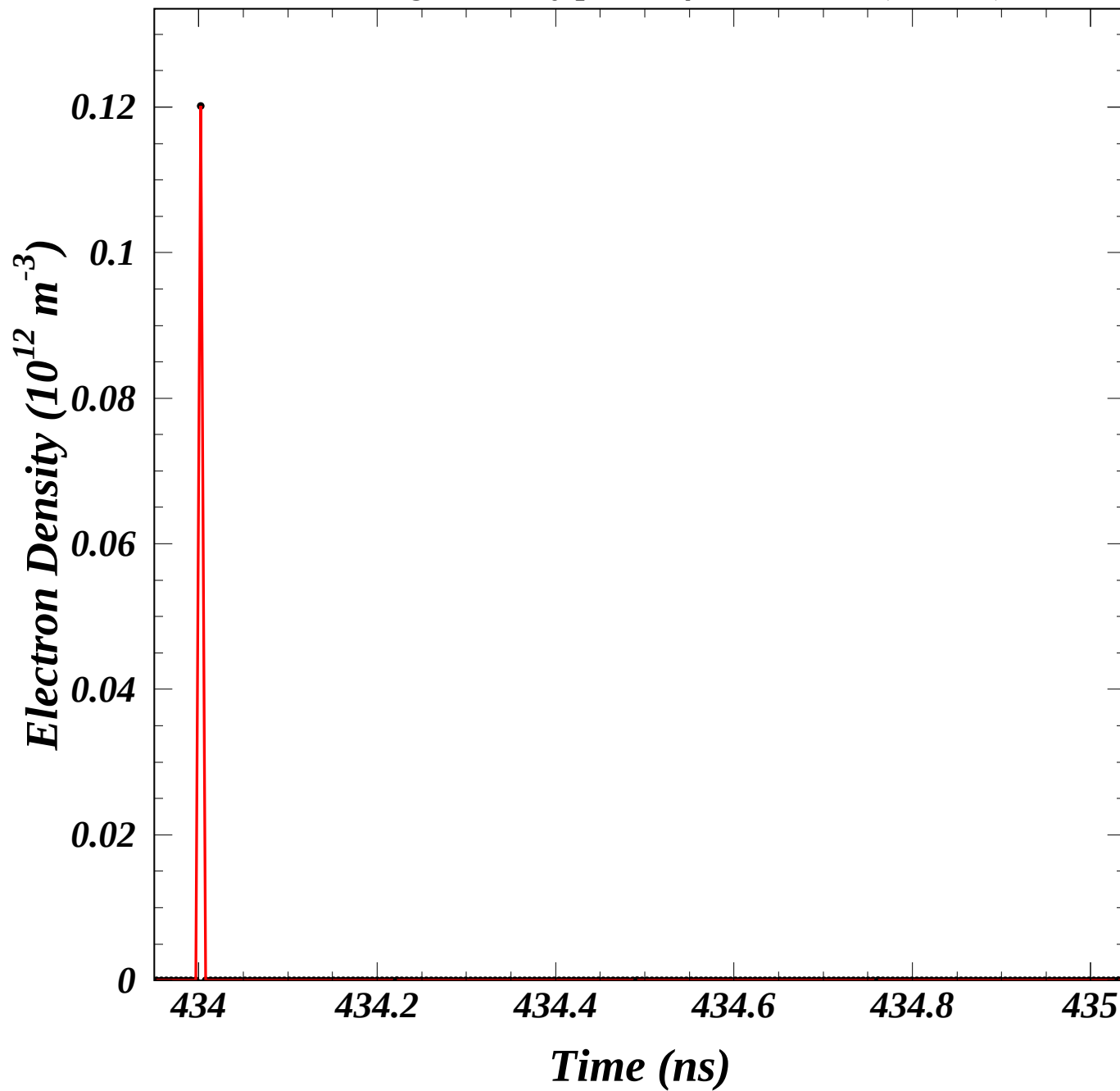
Central 5-sigma density prior to filled bunches (10^{12} m^{-3})



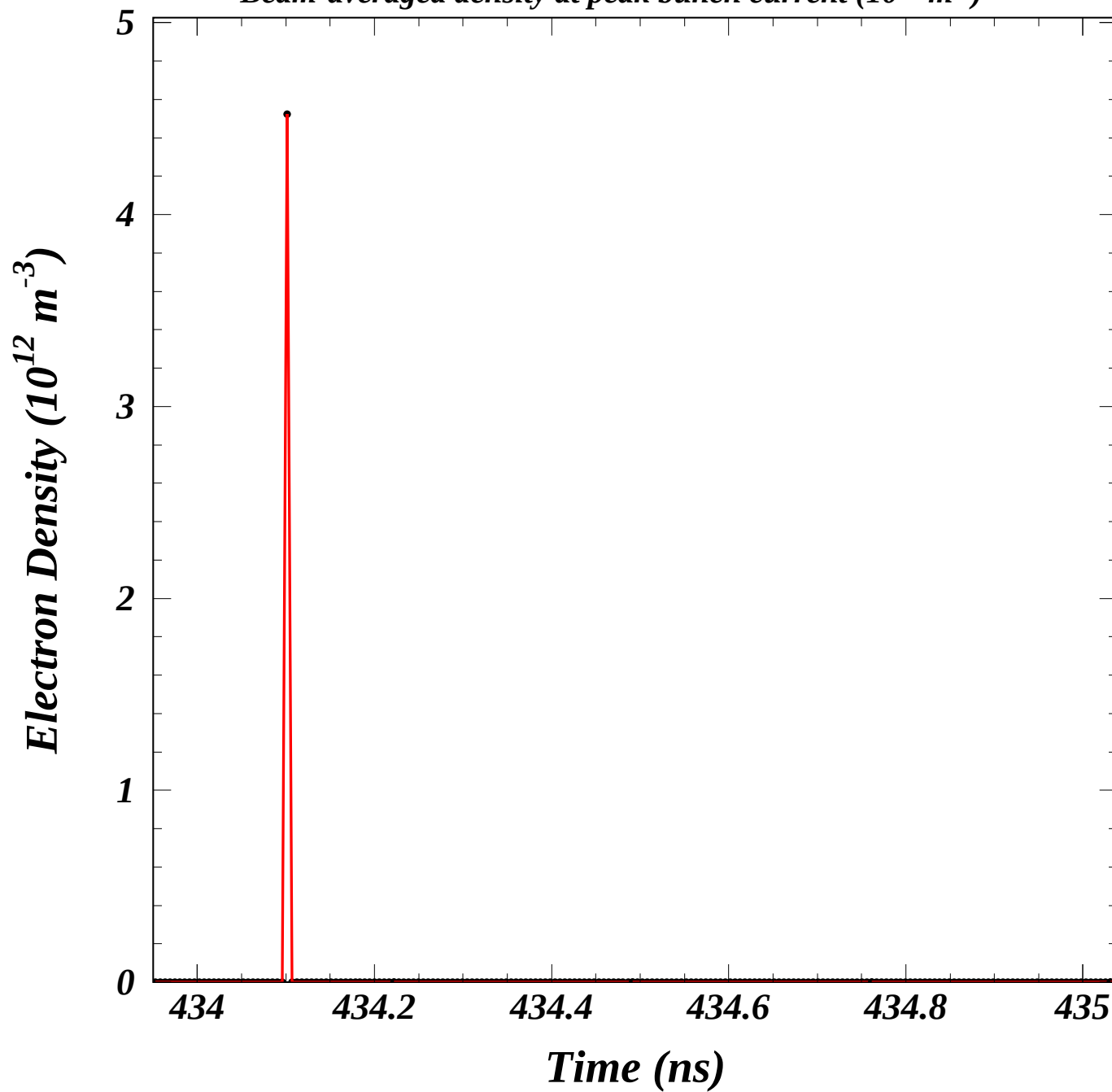
Central 20-sigma density prior to filled bunches (10^{12} m^{-3})

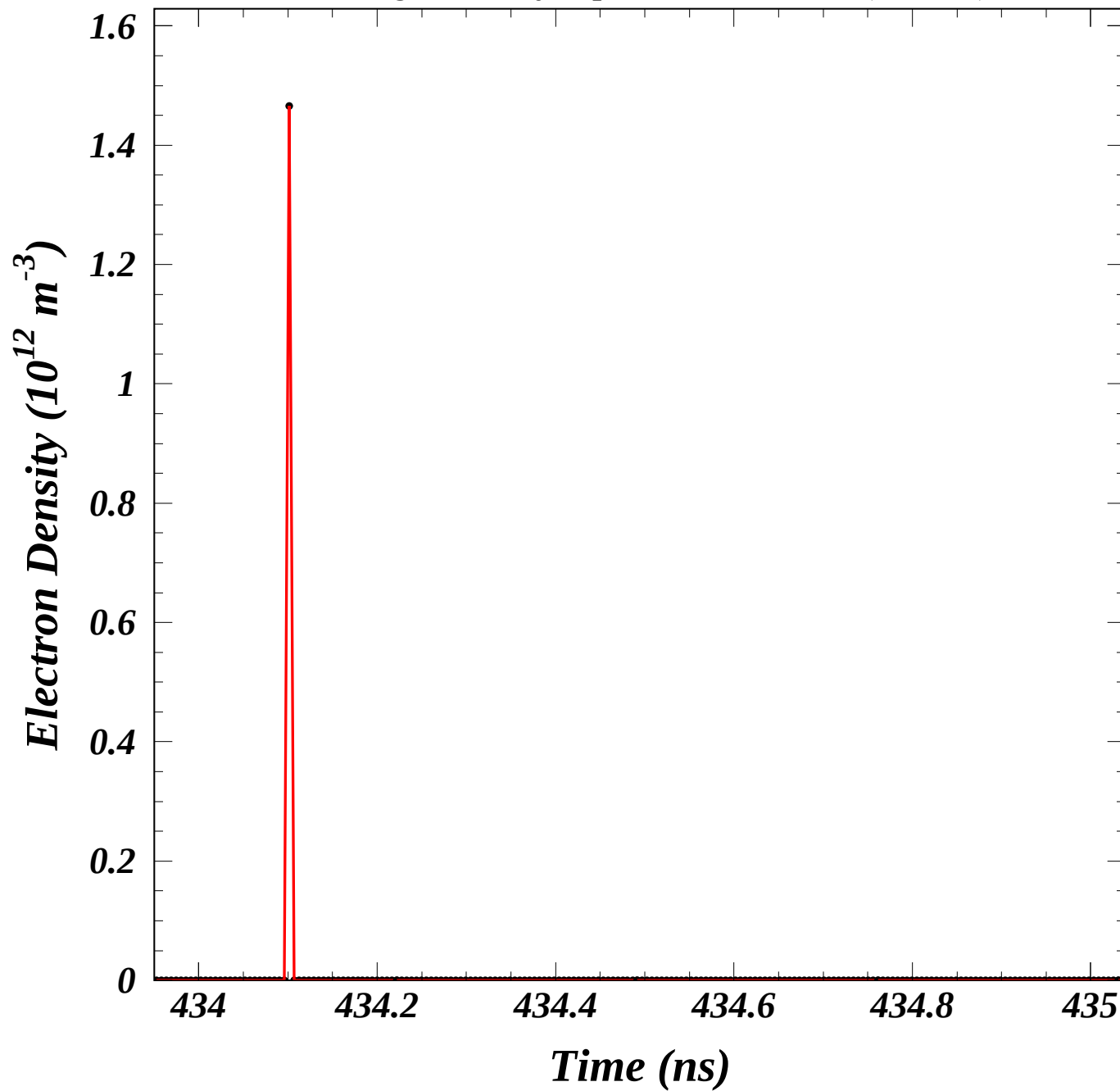


Central 100-sigma density prior to filled bunches (10^{12} m^{-3})

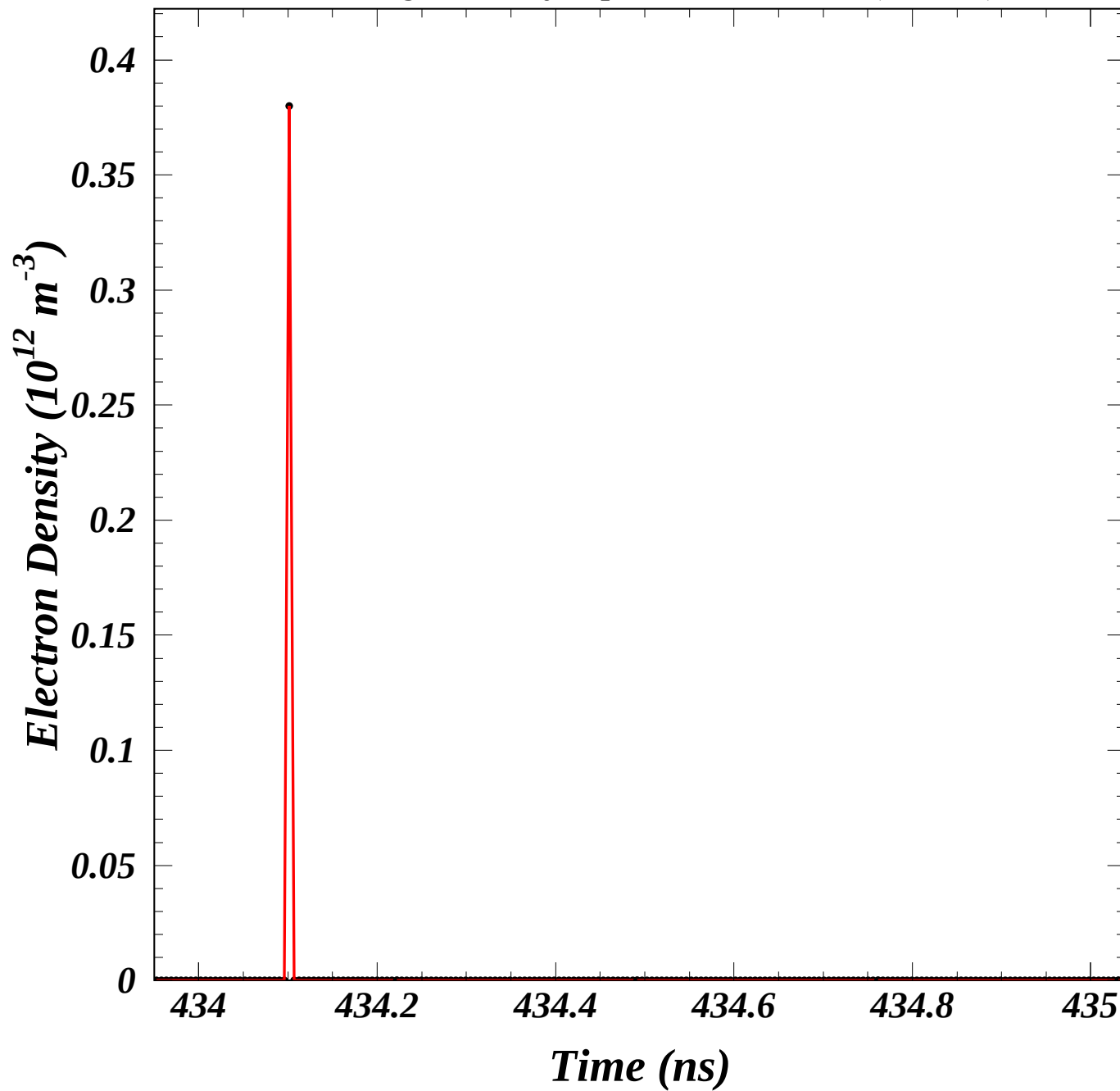


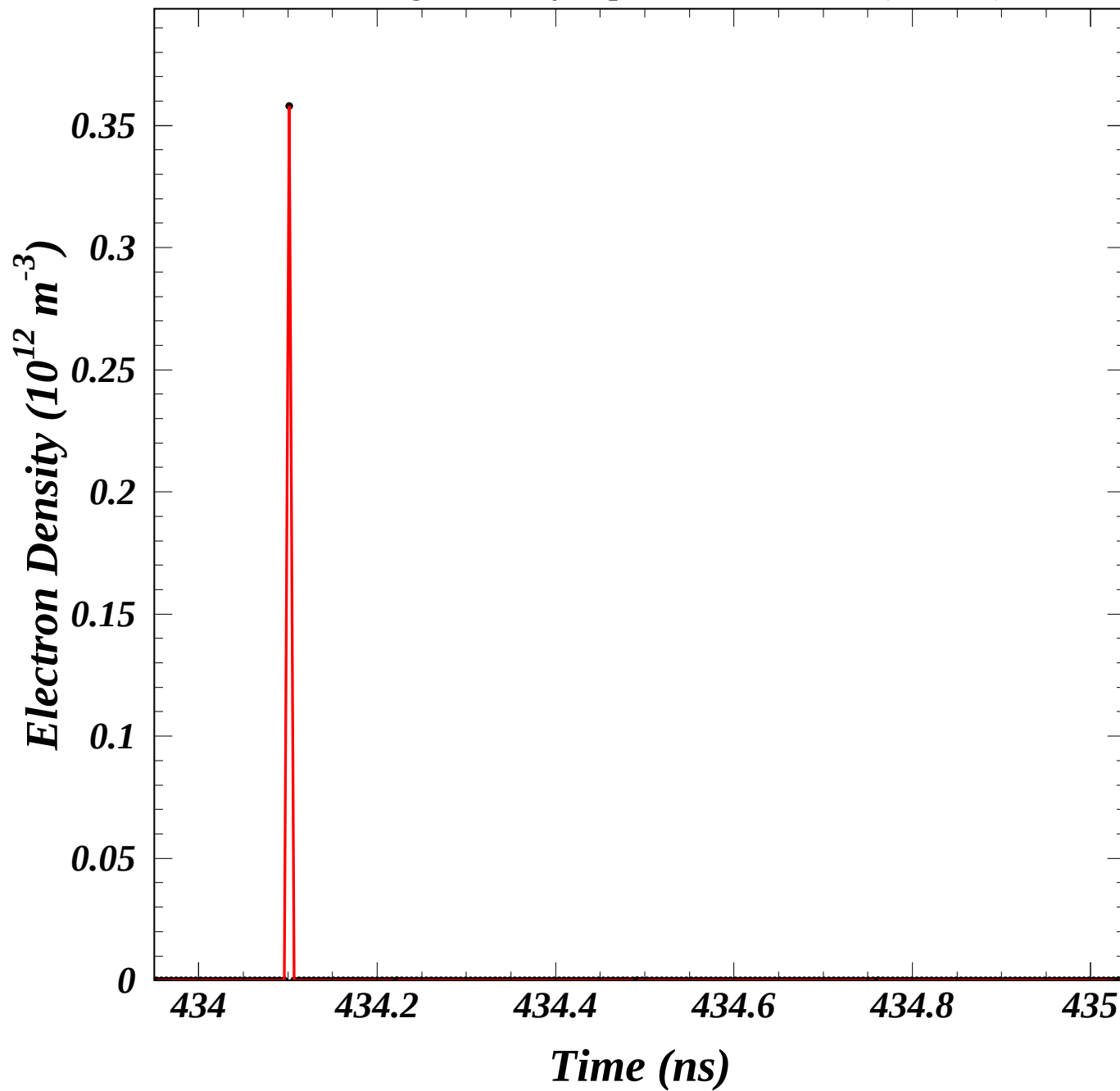
Beam-averaged density at peak bunch current (10^{12} m^{-3})

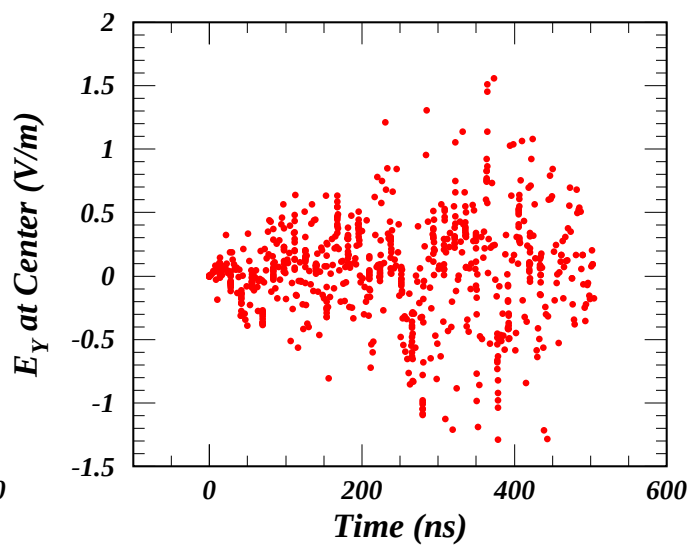
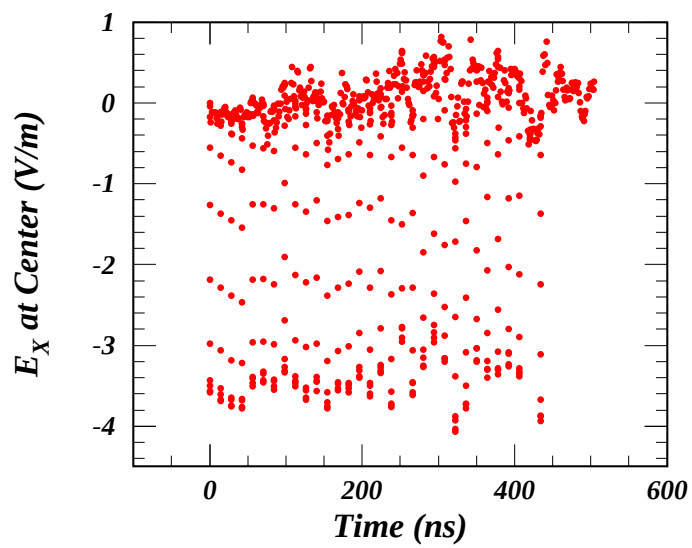


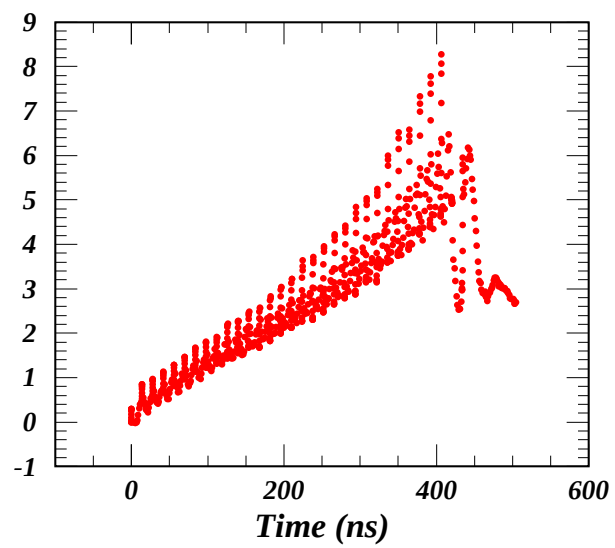
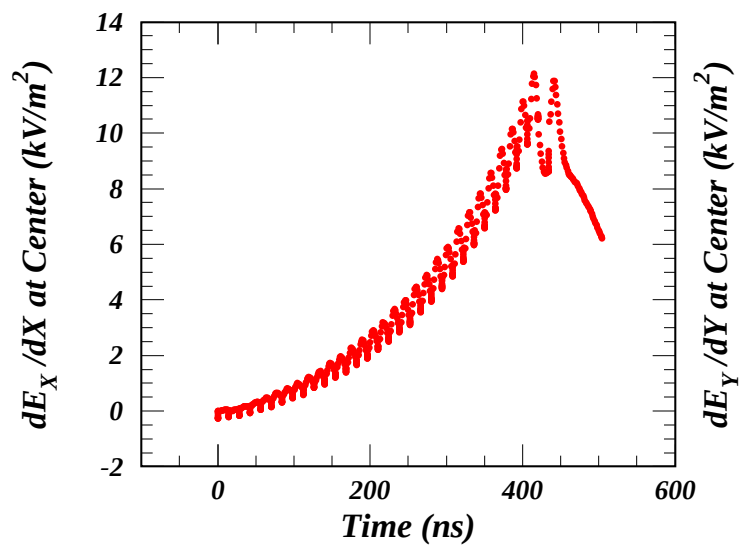
Central 5-sigma density at peak bunch current (10^{12} m^{-3})

Central 20-sigma density at peak bunch current (10^{12} m^{-3})

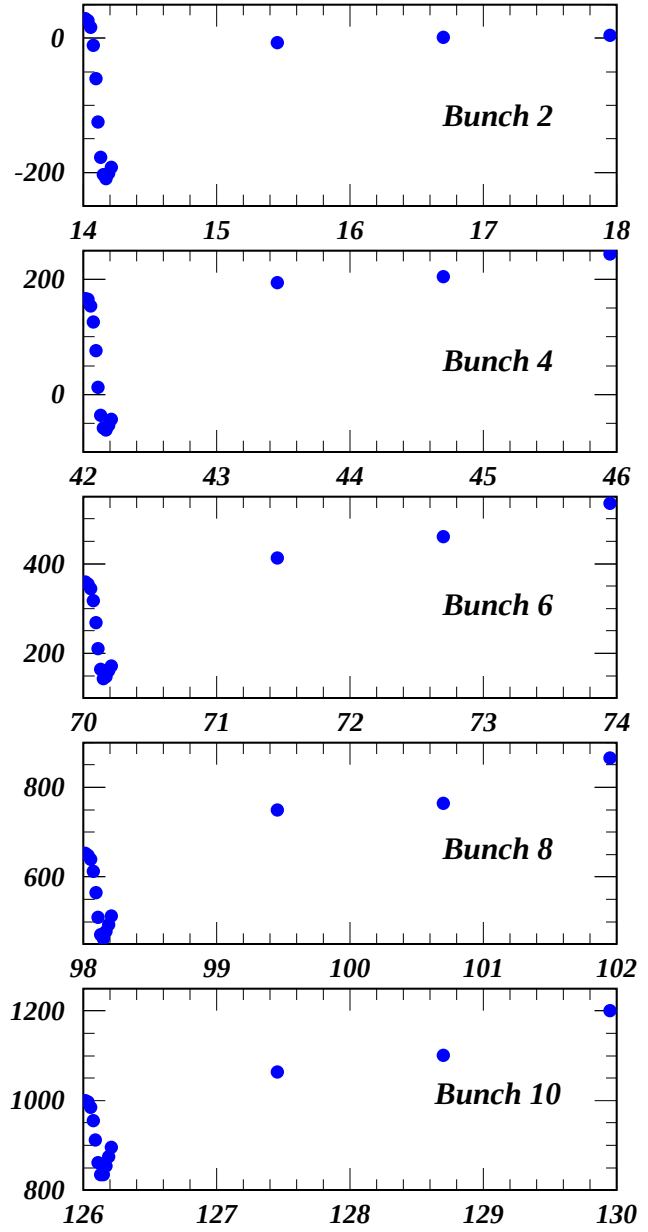
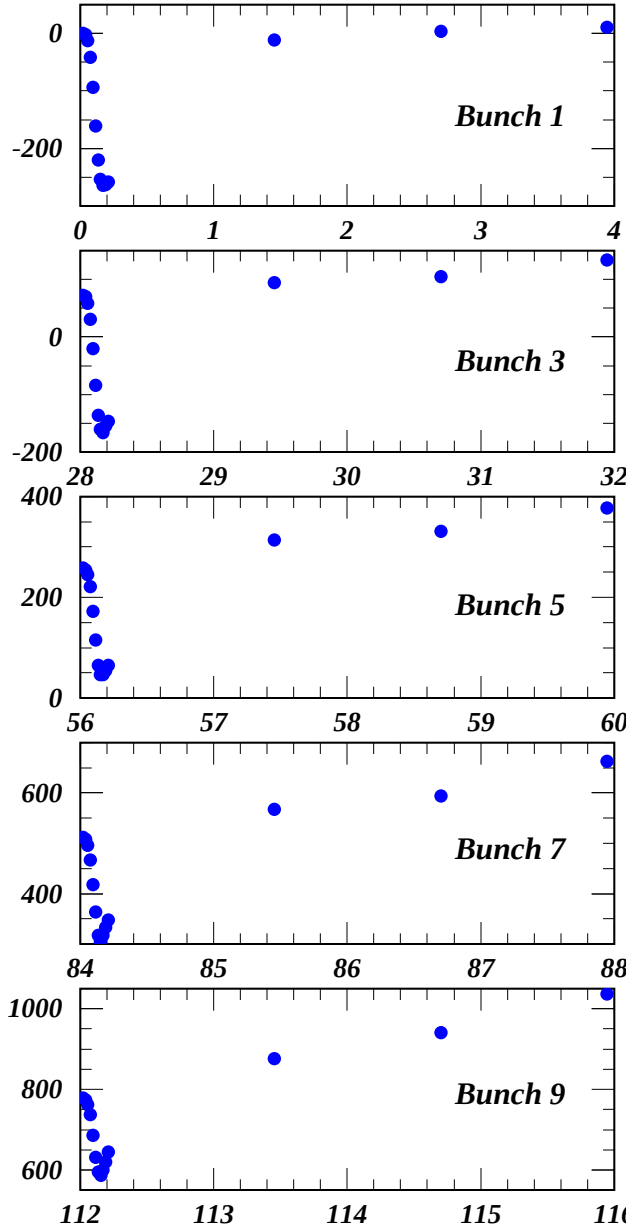


Central 100-sigma density at peak bunch current (10^{12} m^{-3})

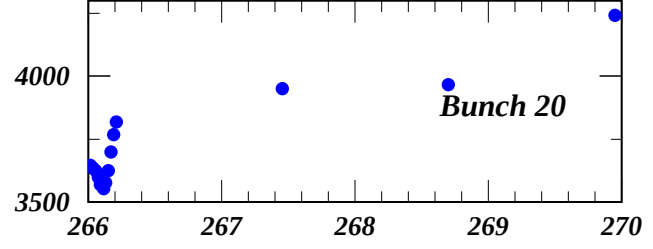
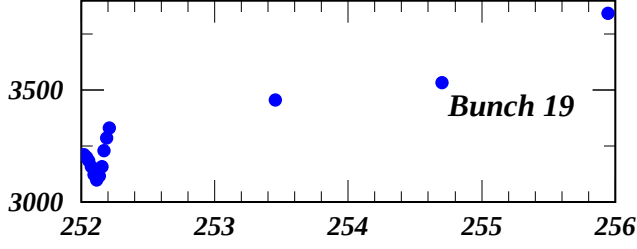
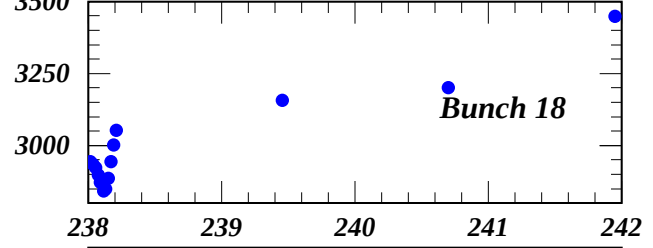
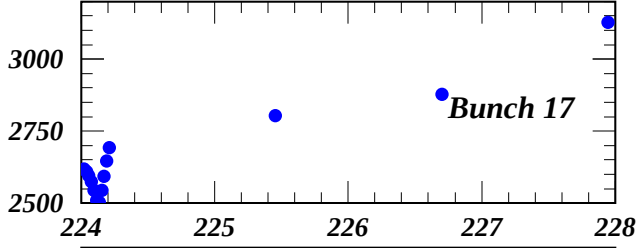
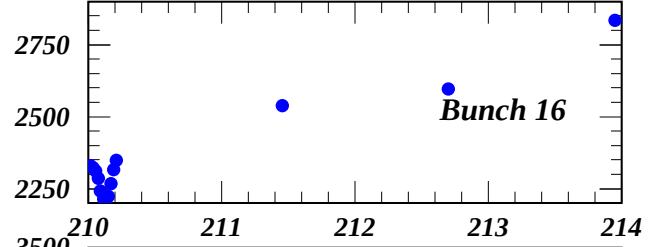
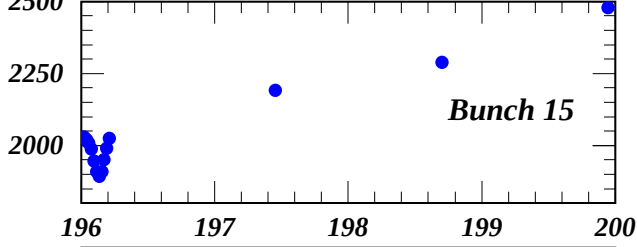
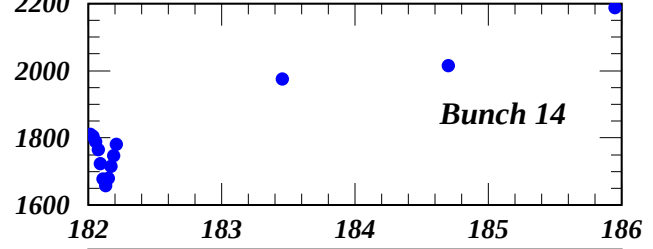
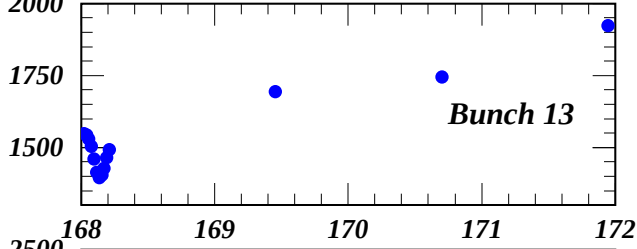
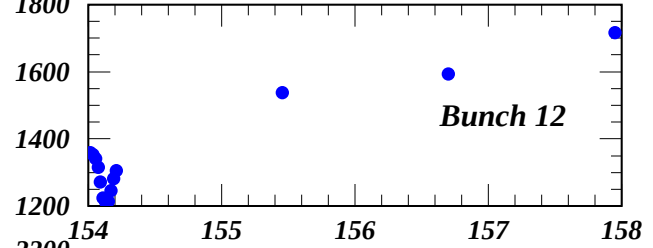
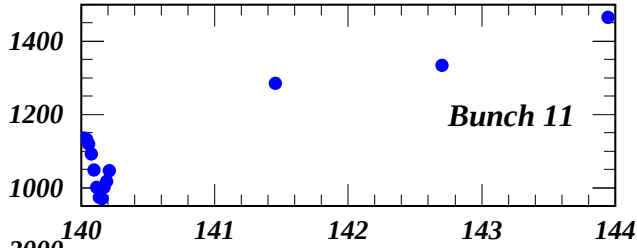




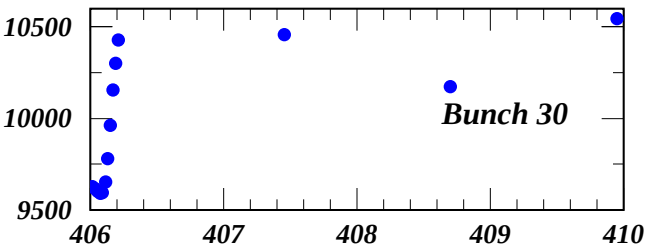
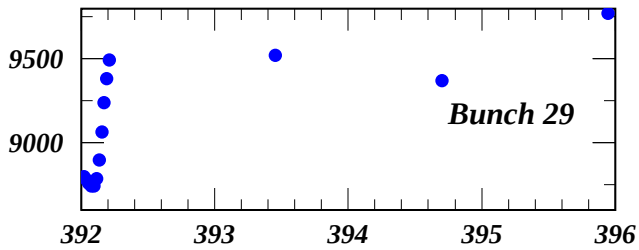
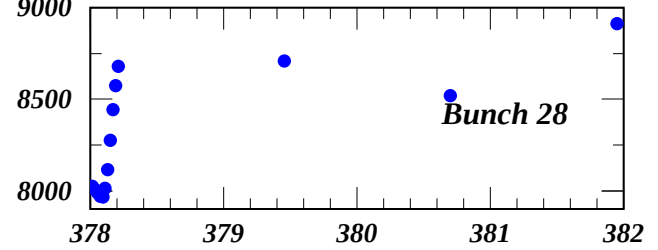
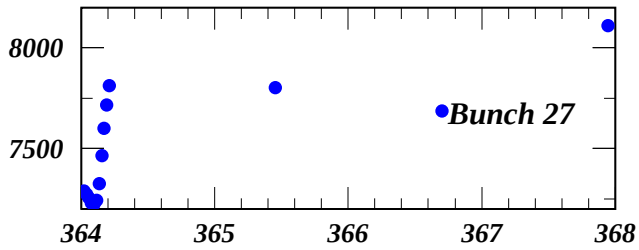
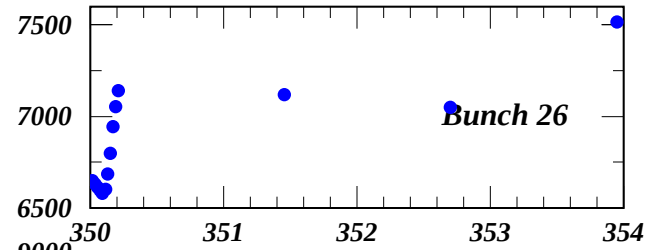
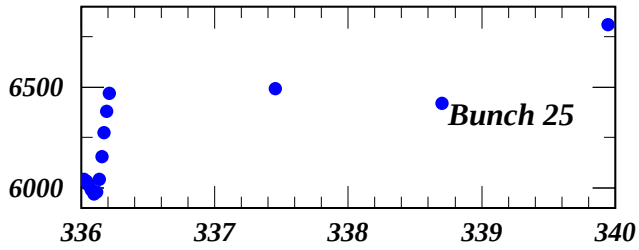
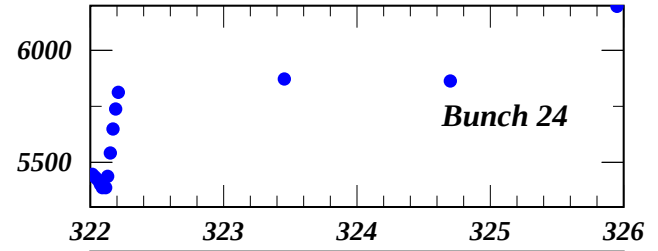
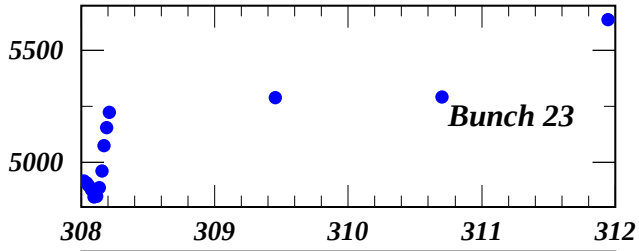
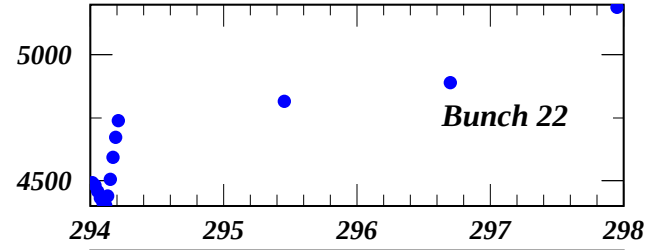
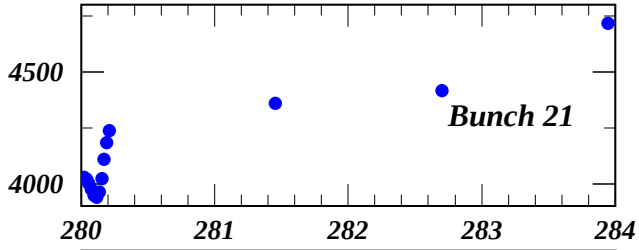
: Field Gradient dE_x/dX (V/m²)



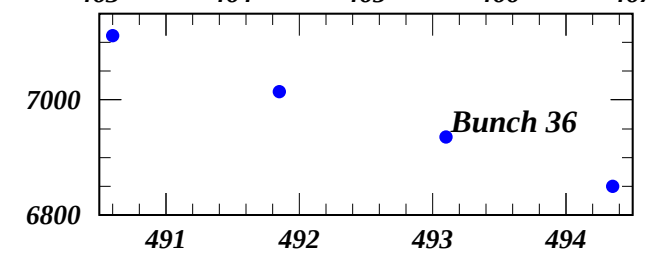
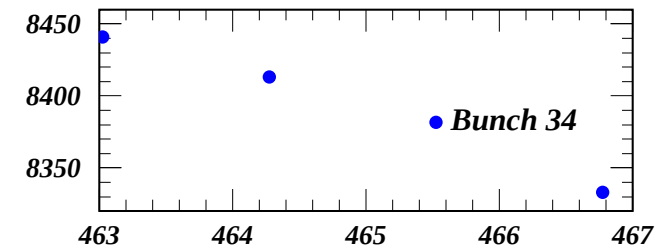
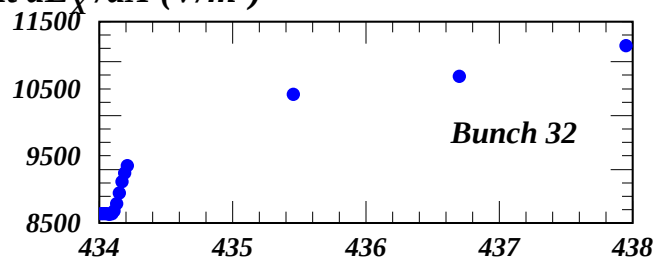
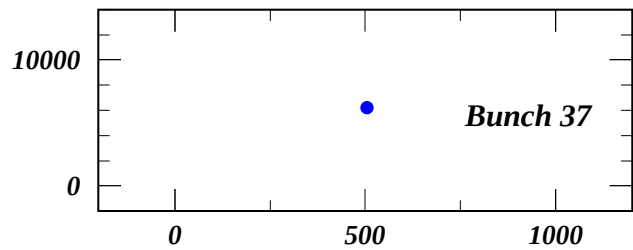
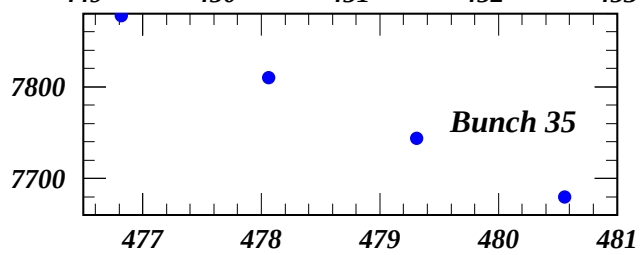
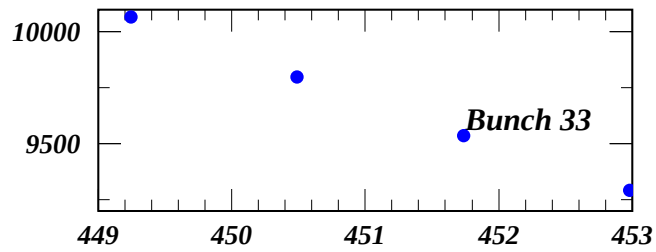
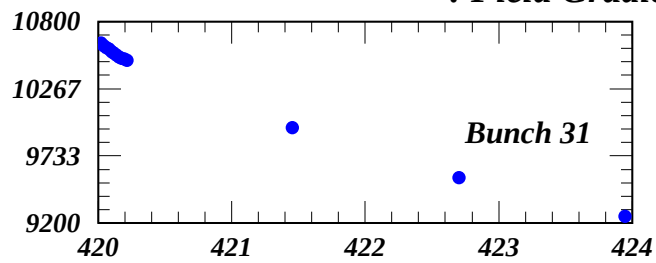
: Field Gradient dE_x/dX (V/m^2)



: Field Gradient dE_x/dX (V/m^2)



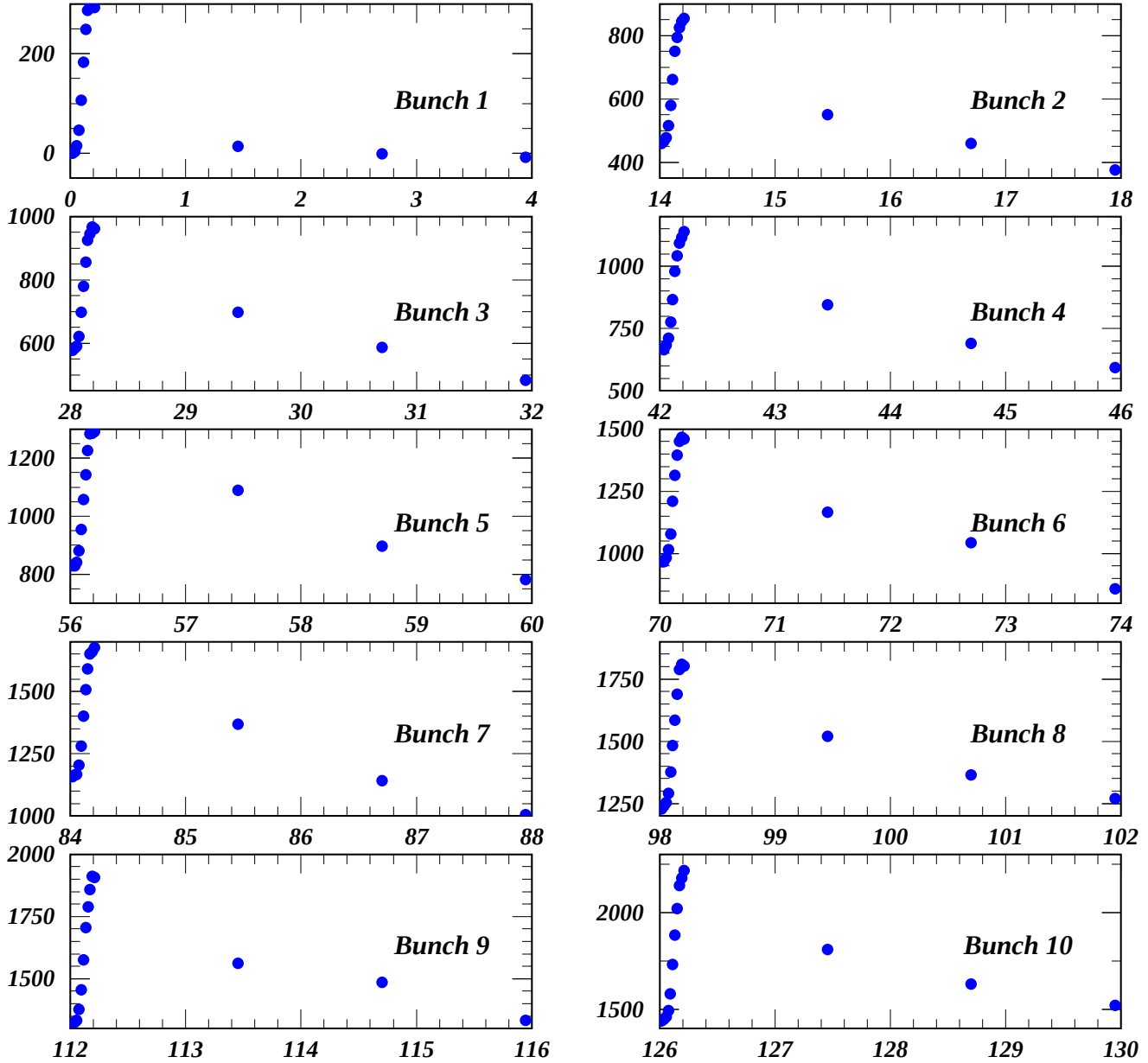
: Field Gradient dE_x/dX (V/m^2)



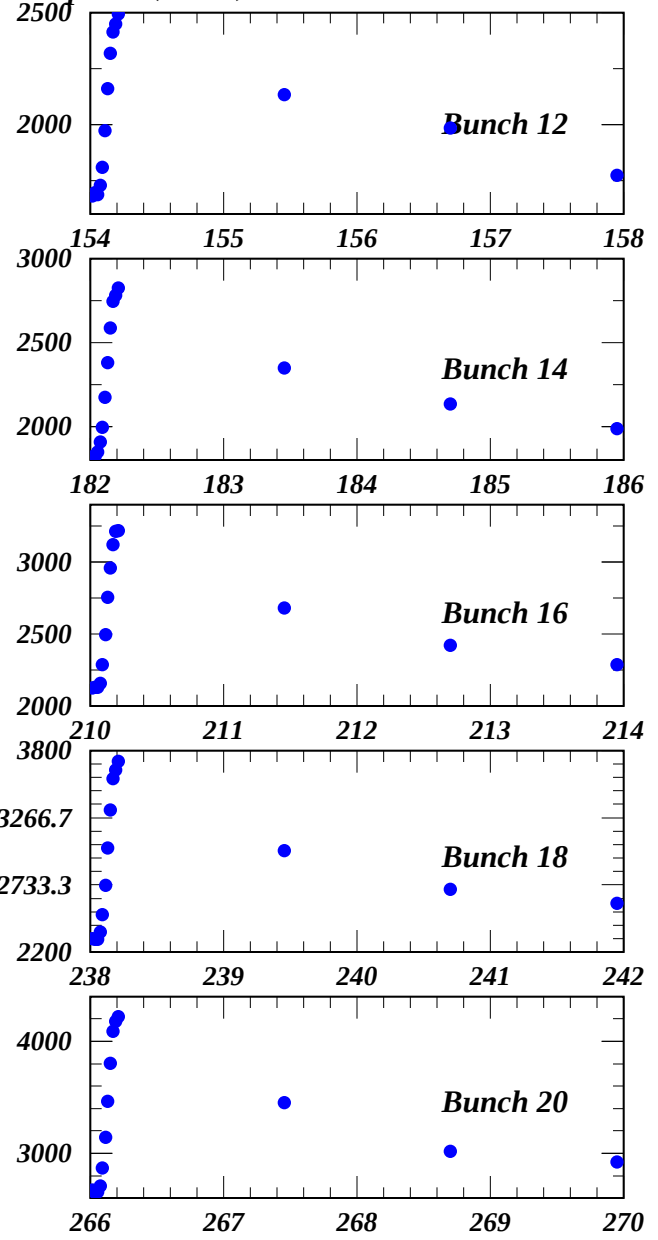
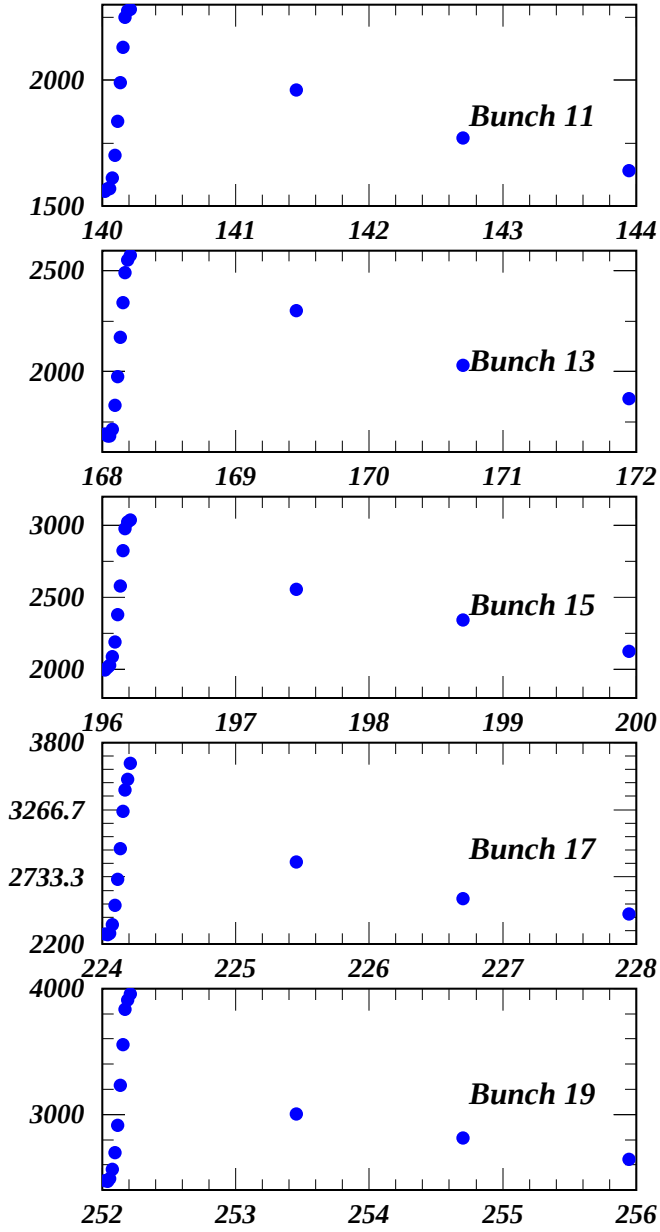
Time (ns)

Time (ns)

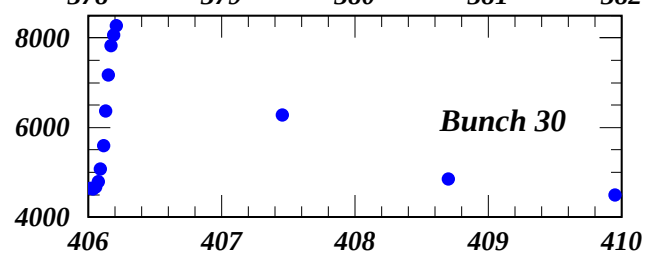
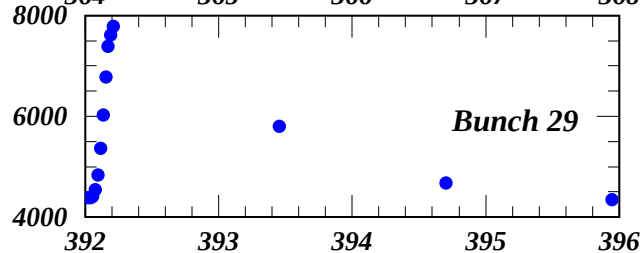
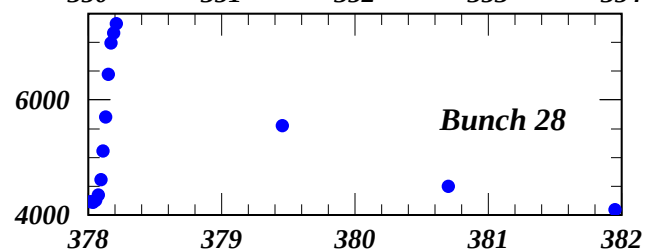
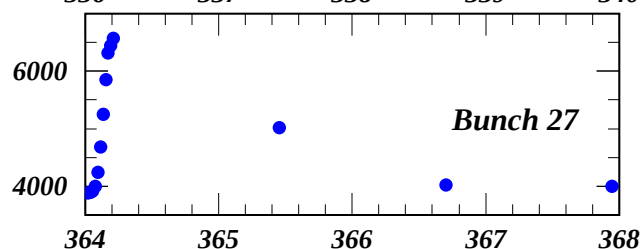
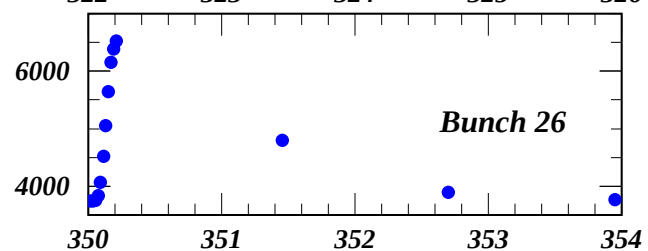
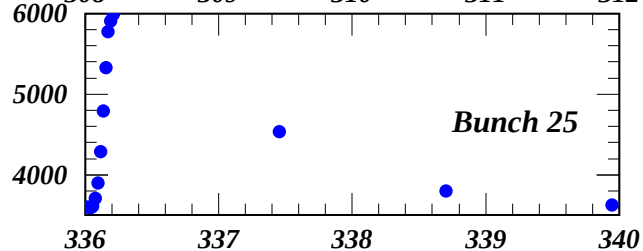
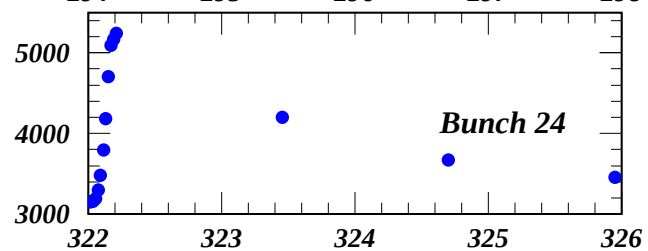
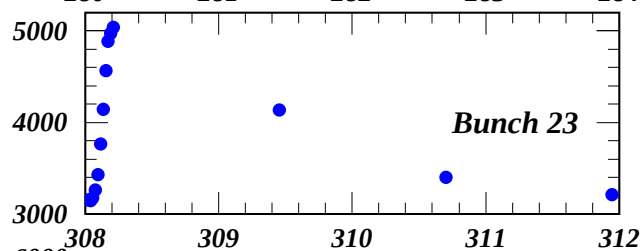
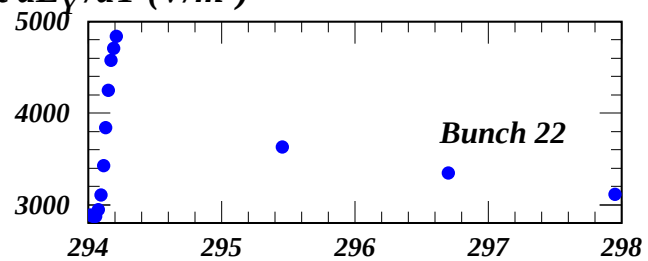
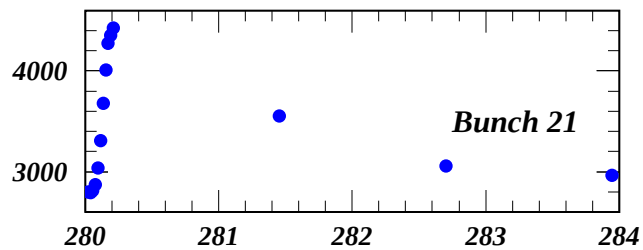
: Field Gradient dE_Y/dY (V/m^2)



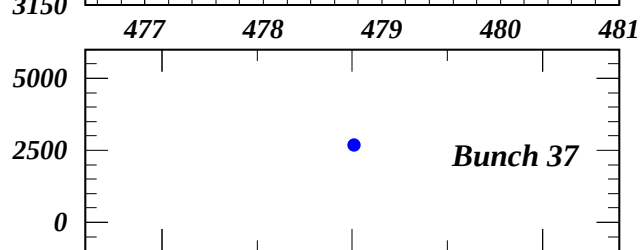
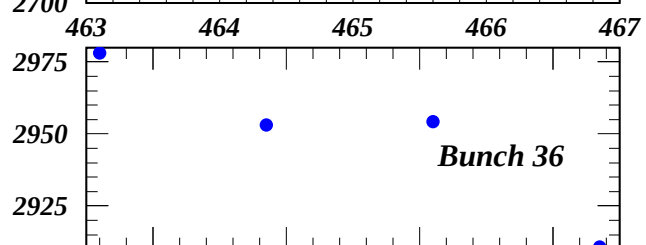
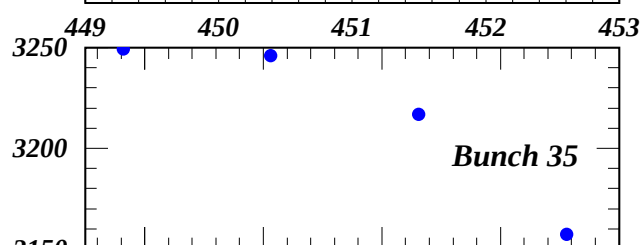
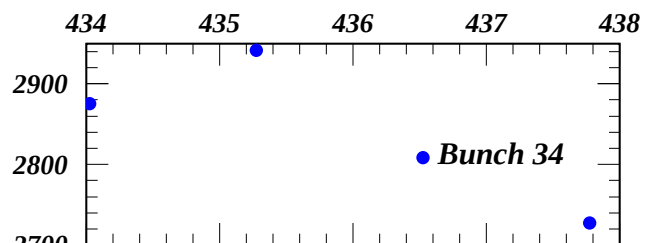
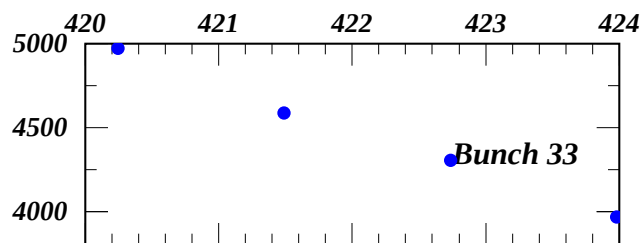
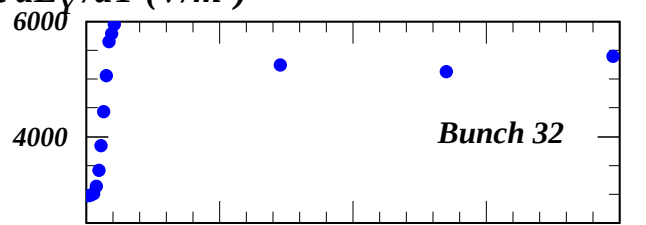
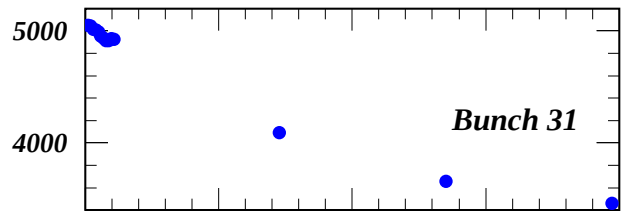
: Field Gradient dE_Y/dY (V/m²)



: Field Gradient dE_Y/dY (V/m^2)



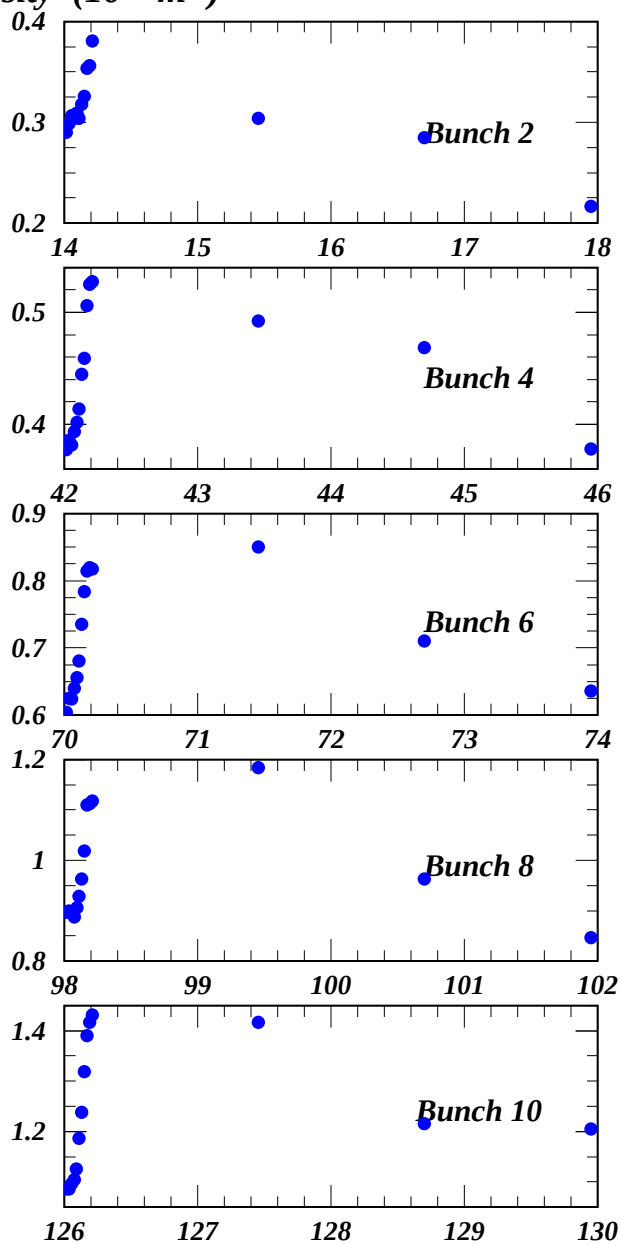
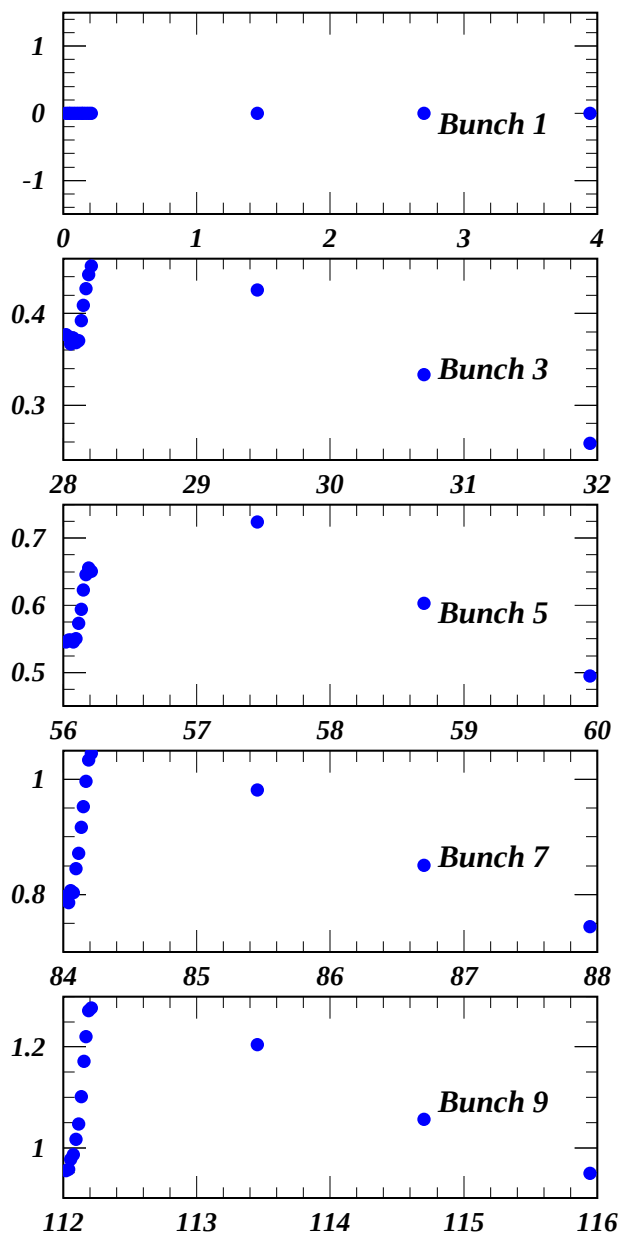
: Field Gradient dE_Y/dY (V/m^2)



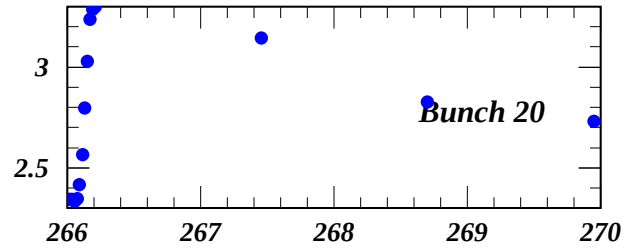
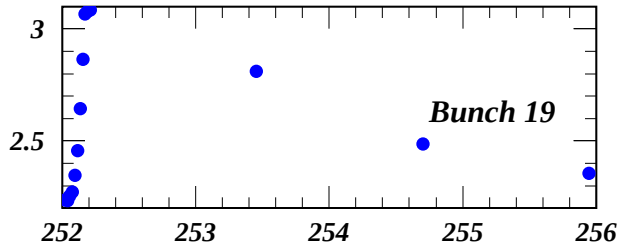
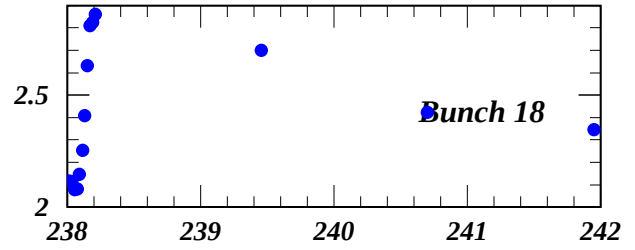
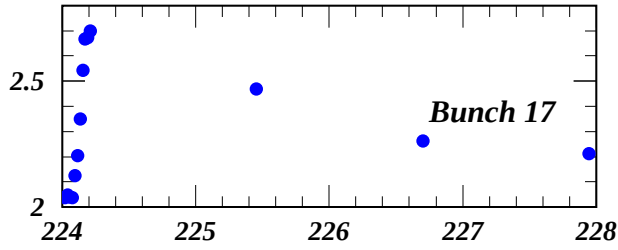
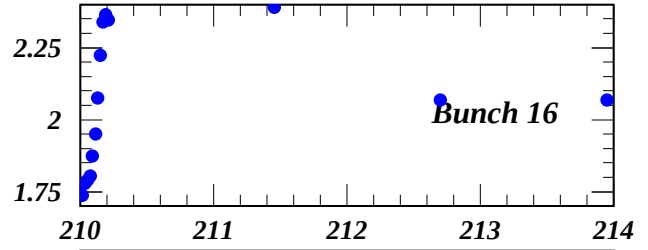
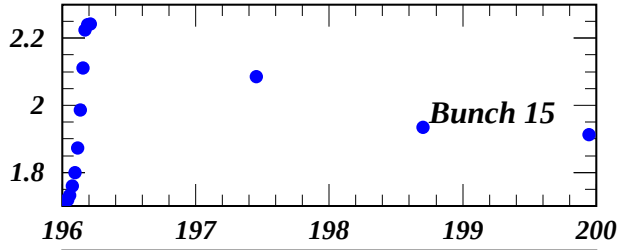
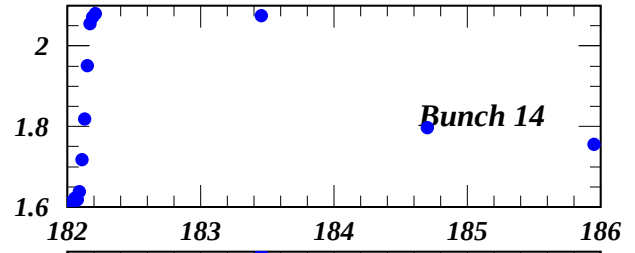
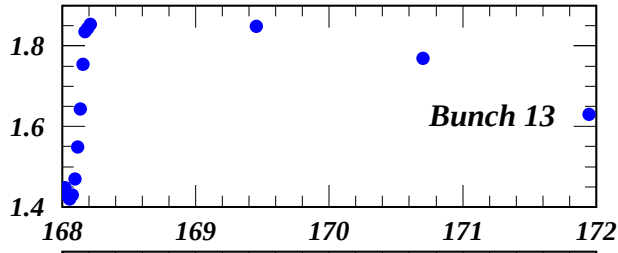
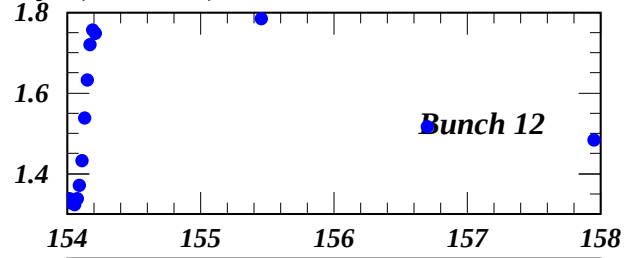
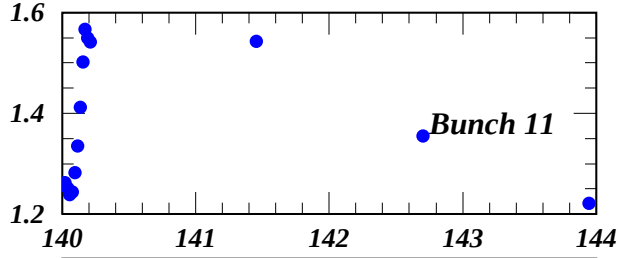
Time (ns)

Time (ns)

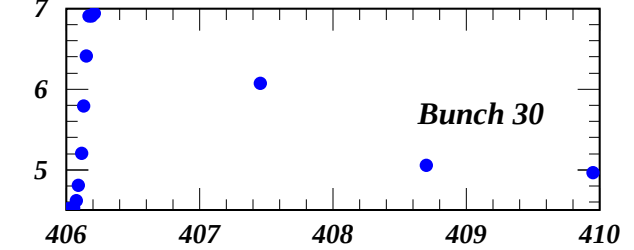
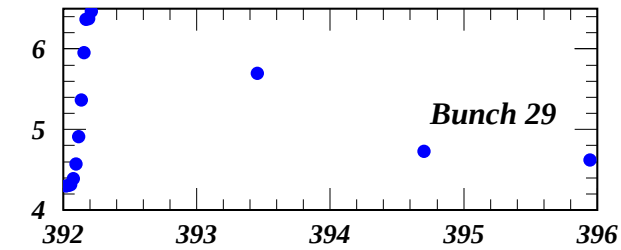
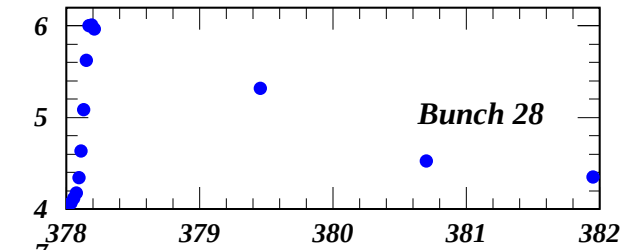
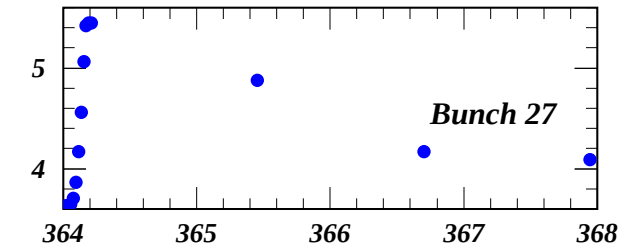
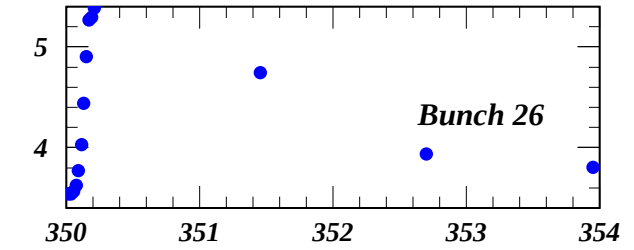
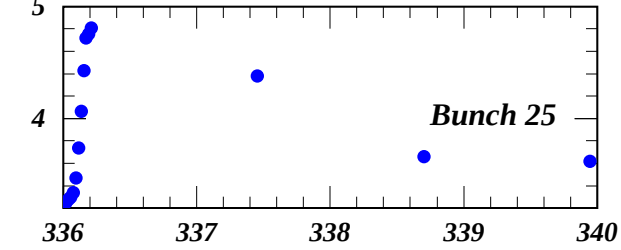
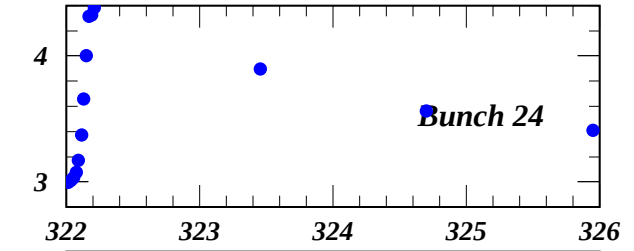
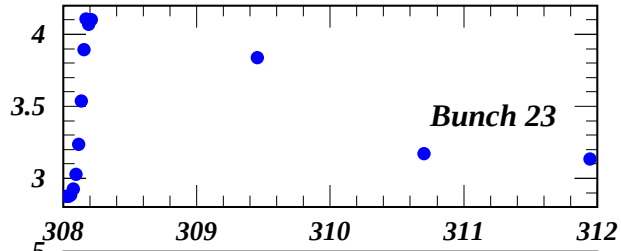
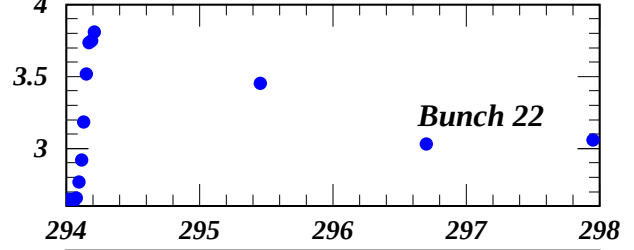
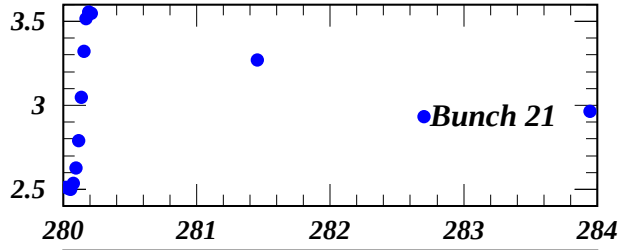
: 5σ Central Density (10^{11} m^{-3})



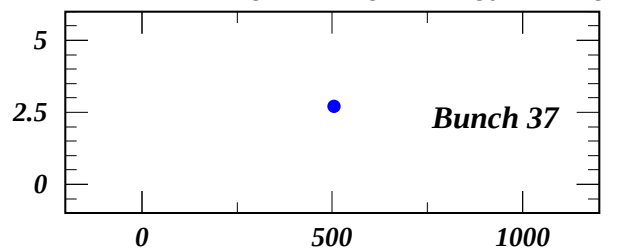
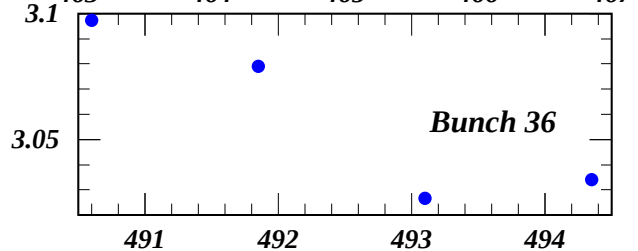
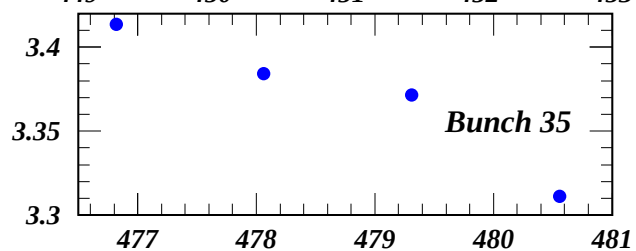
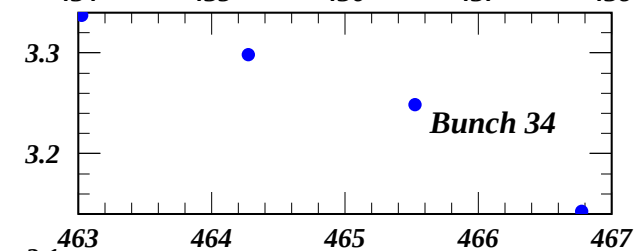
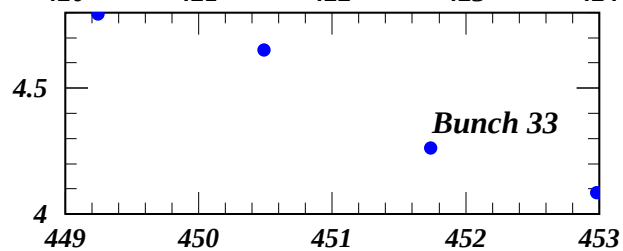
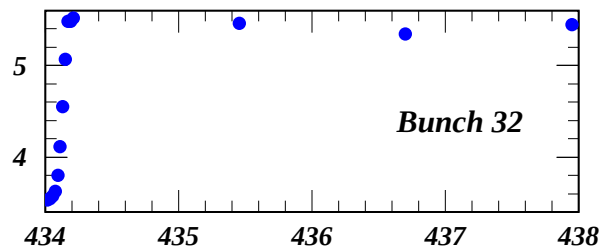
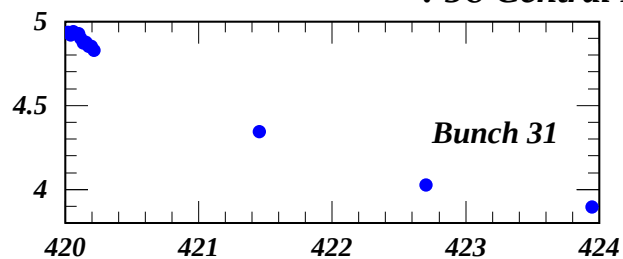
: 5σ Central Density (10^{11} m^{-3})



: 5σ Central Density (10^{11} m^{-3})



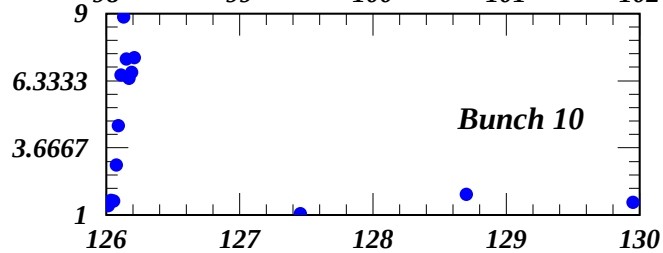
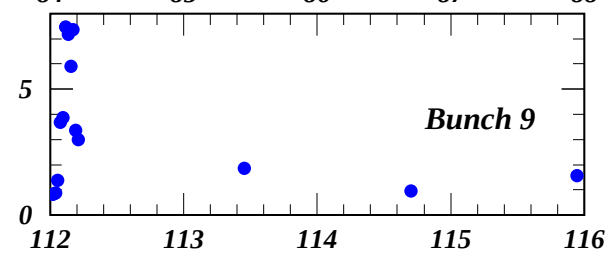
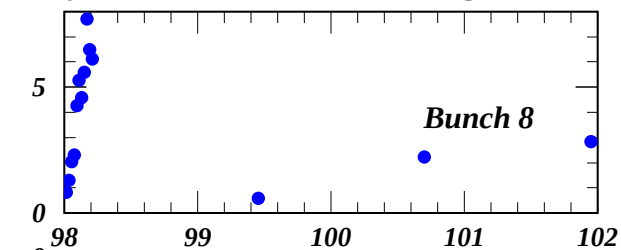
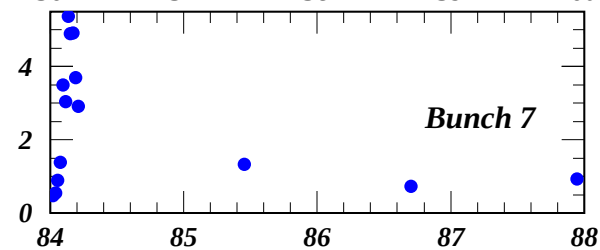
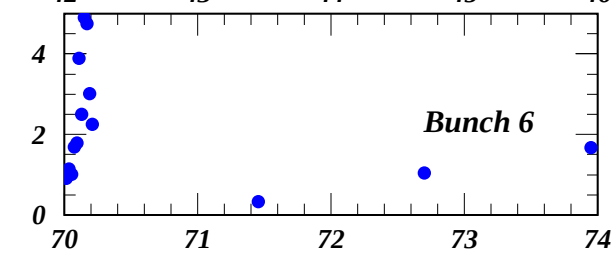
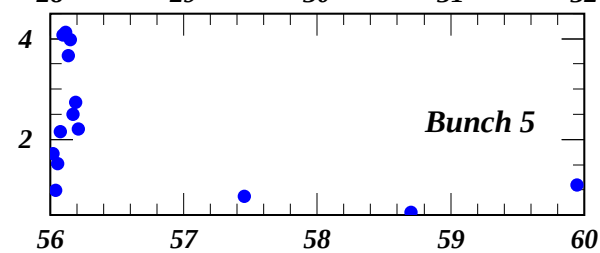
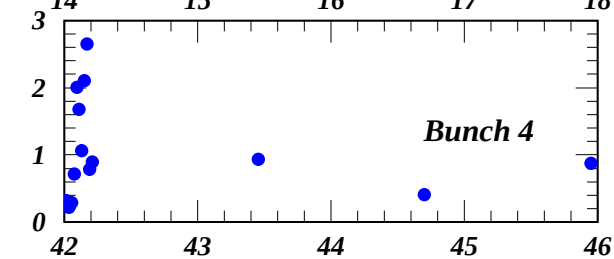
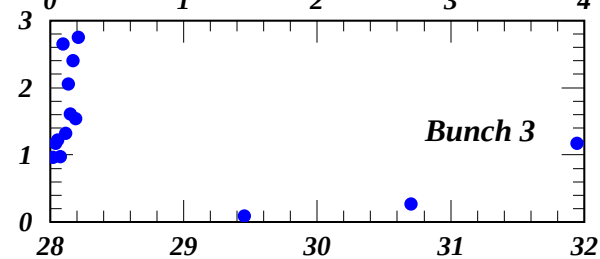
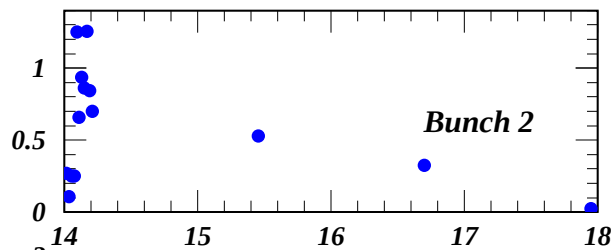
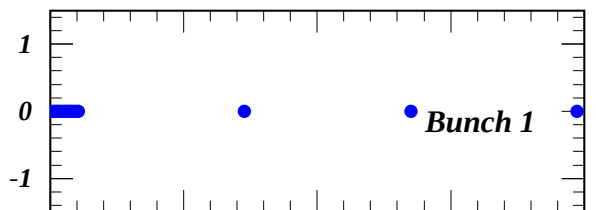
: 5σ Central Density (10^{11} m^{-3})



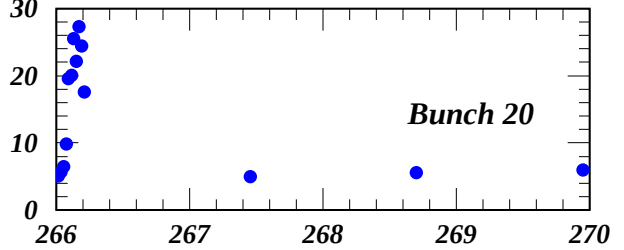
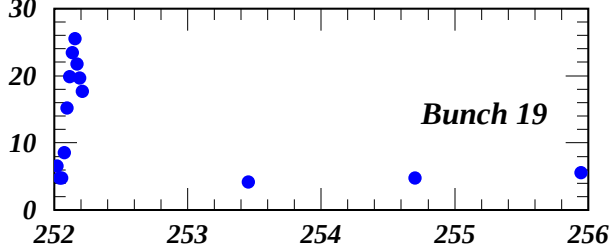
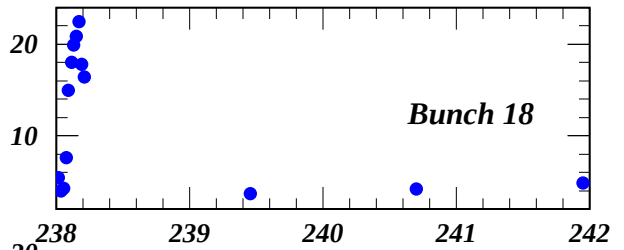
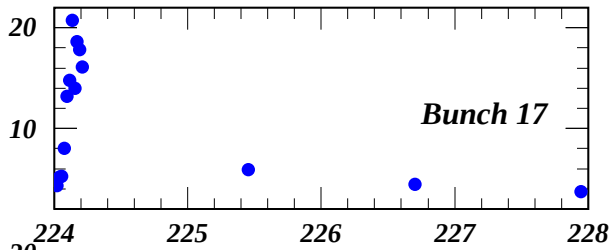
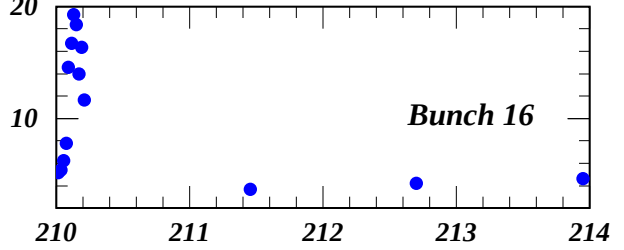
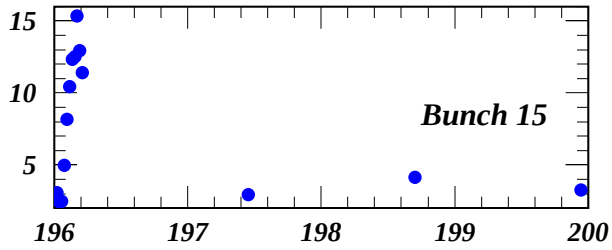
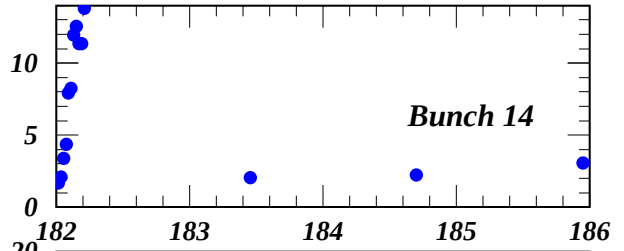
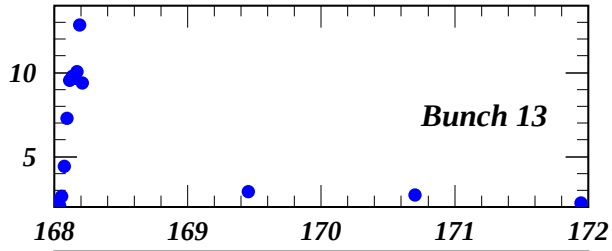
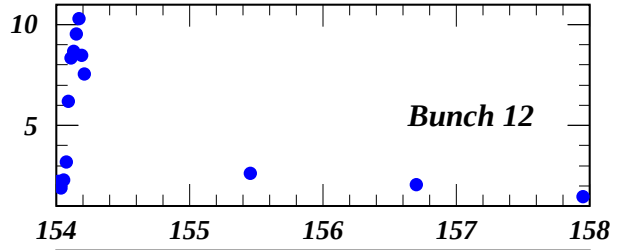
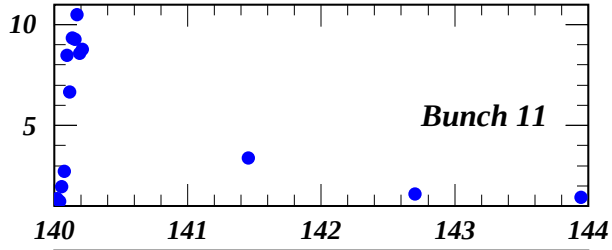
Time (ns)

Time (ns)

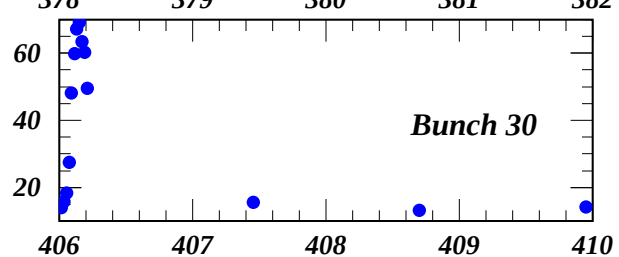
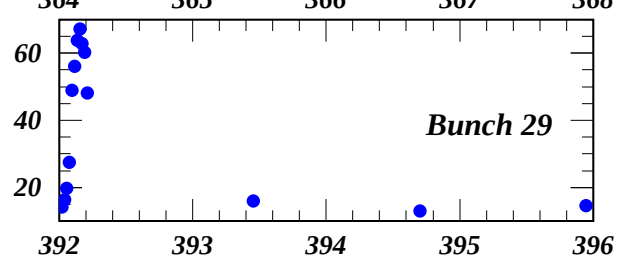
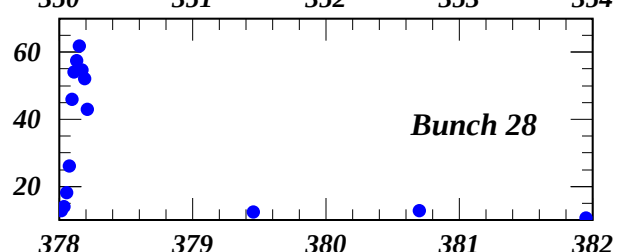
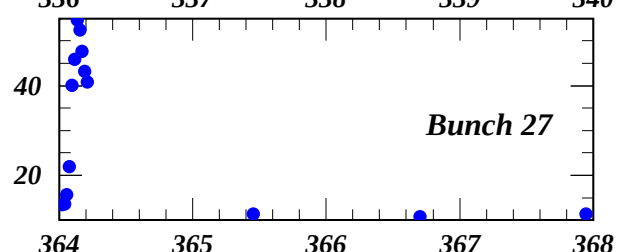
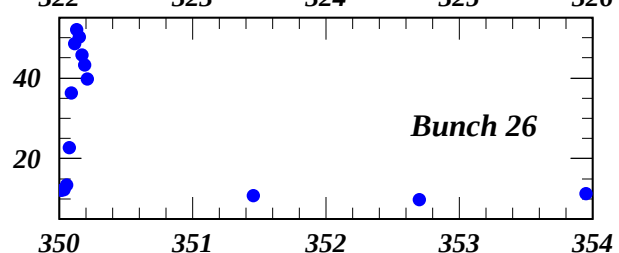
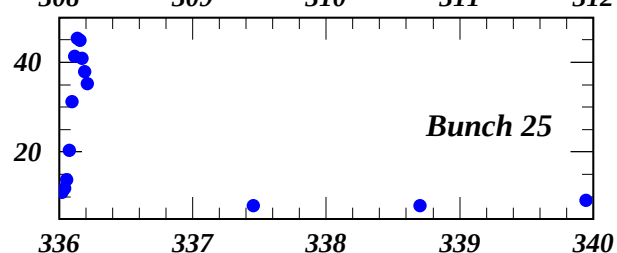
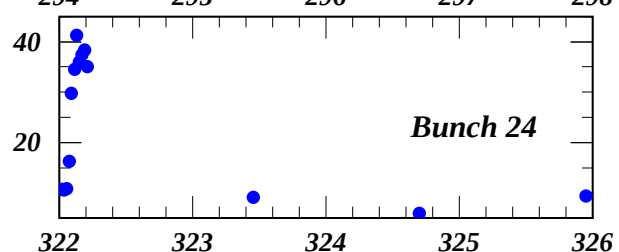
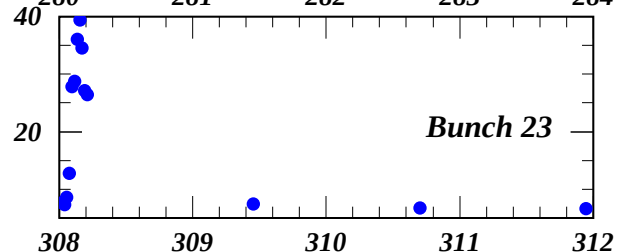
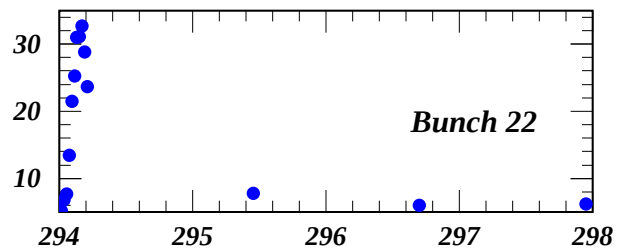
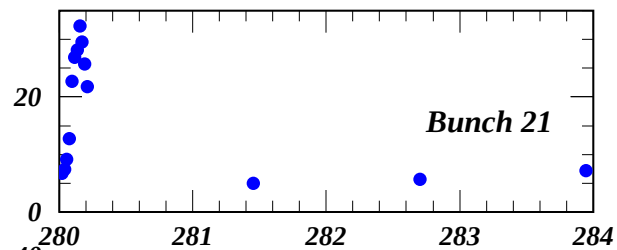
: Beam-weighted Density (10^{11} m^{-3})



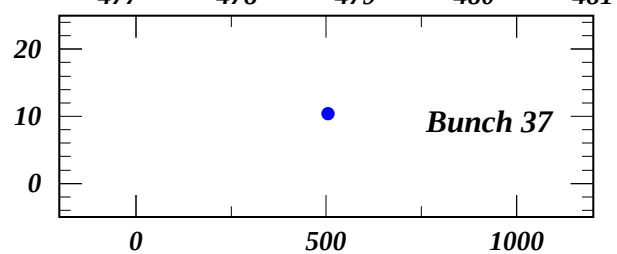
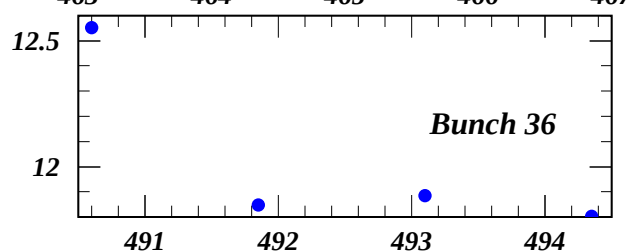
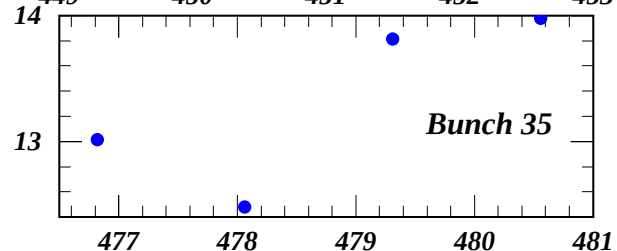
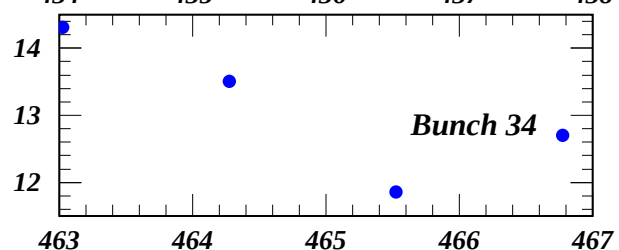
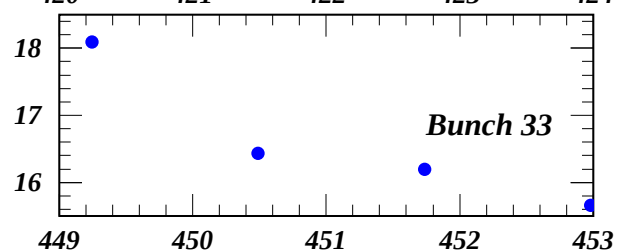
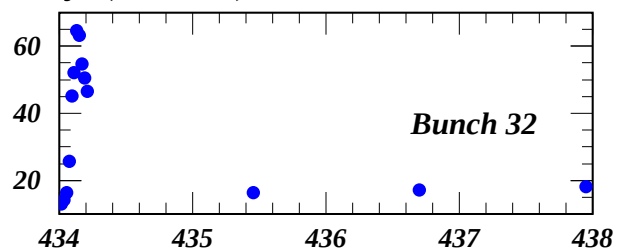
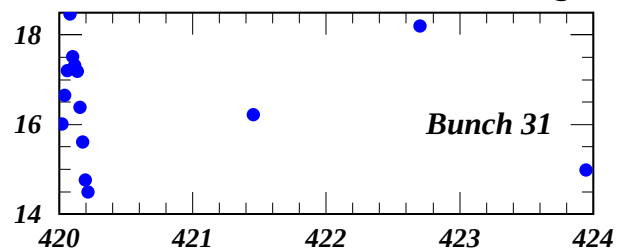
: Beam-weighted Density (10^{11} m^{-3})



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



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



Time (ns)

Time (ns)