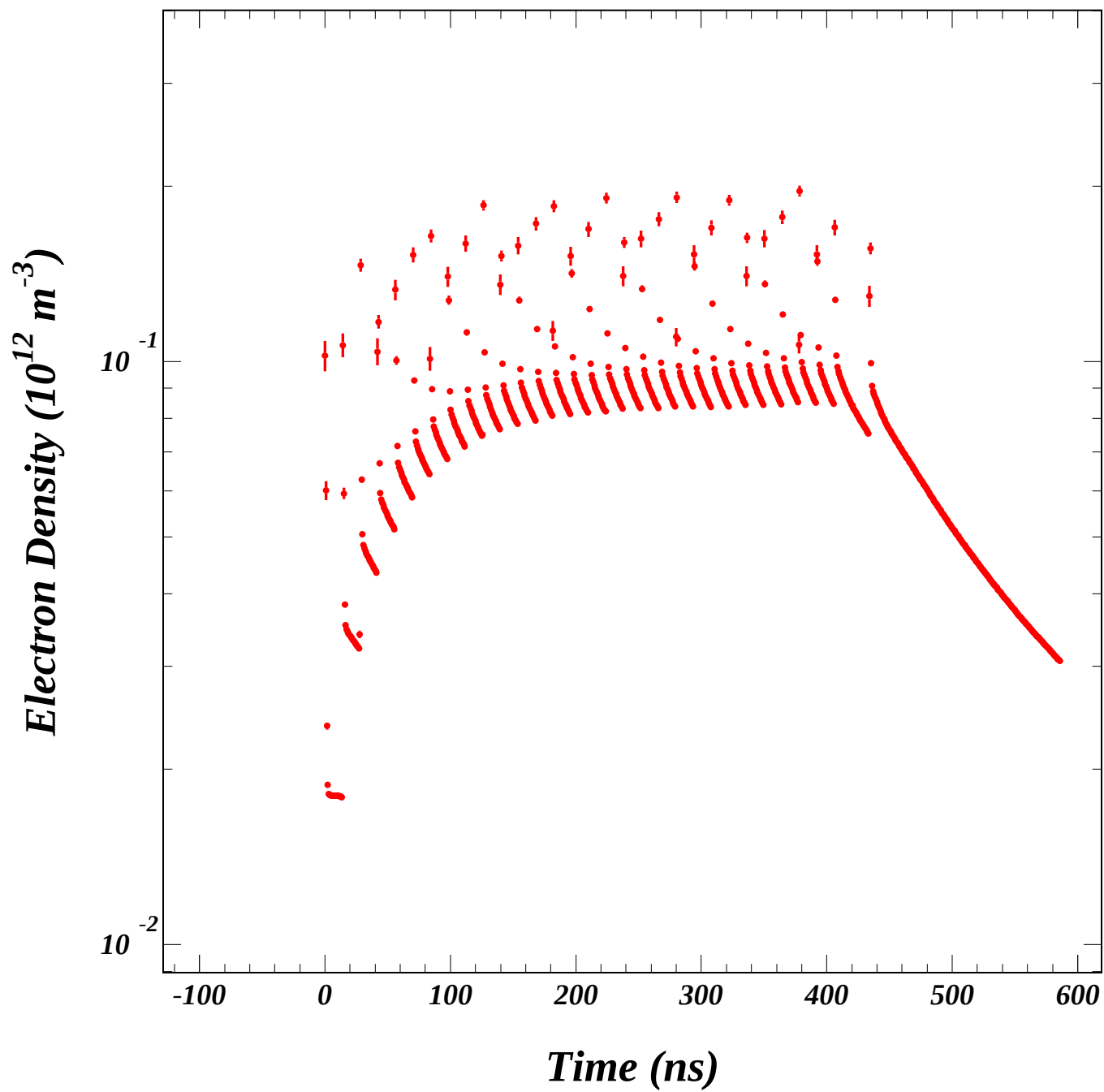
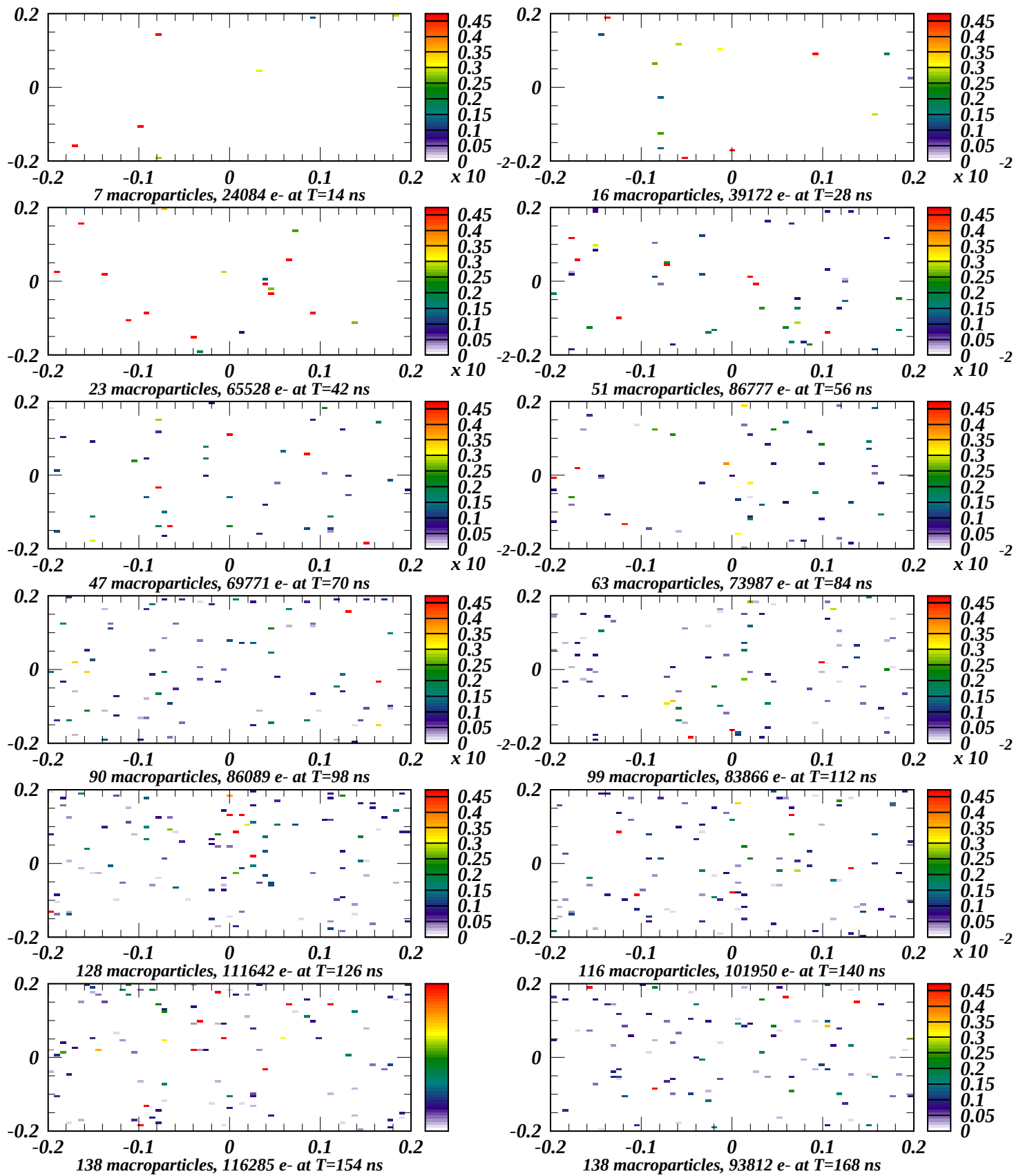


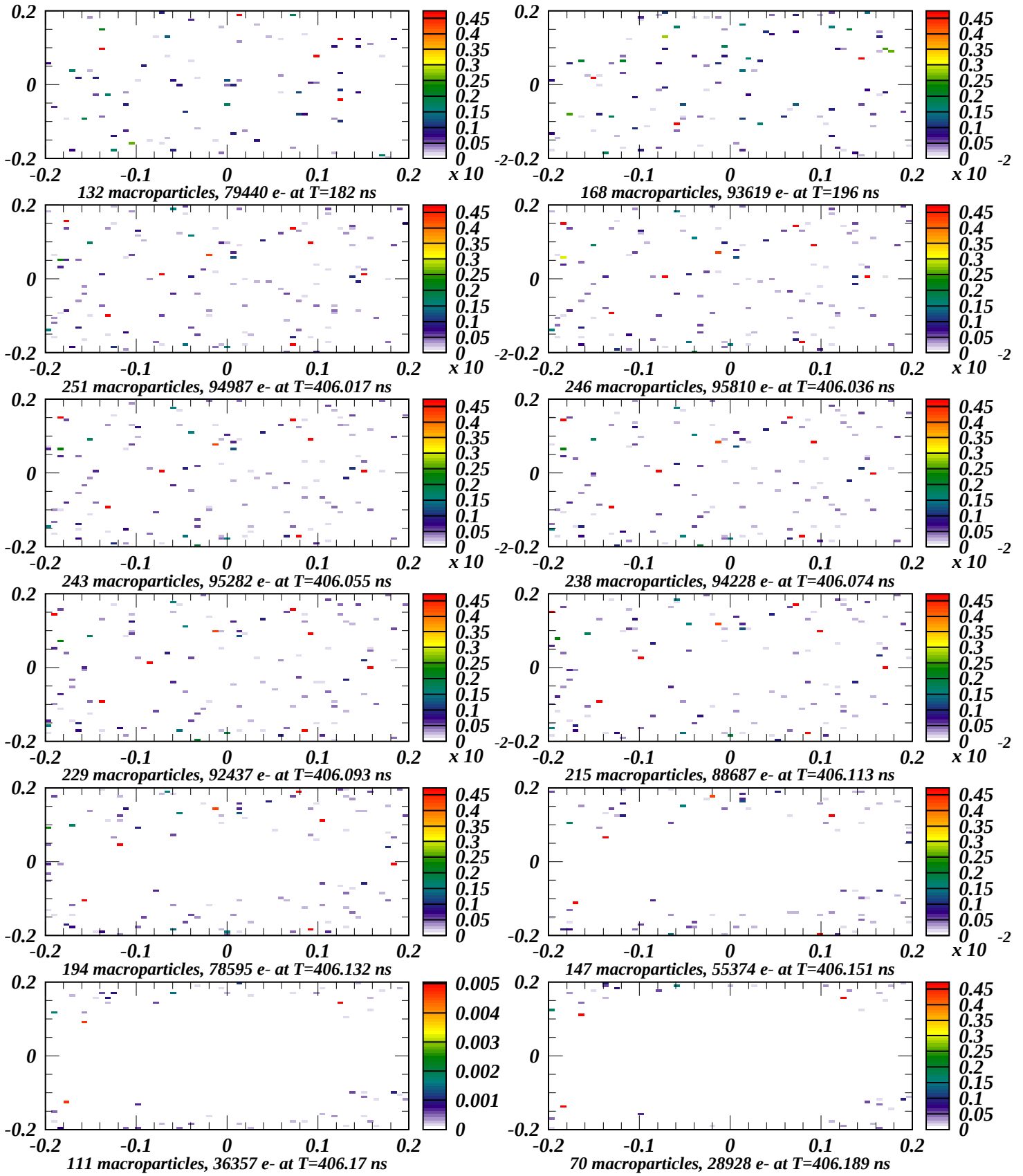
Job 41295: Beampipe-averaged Cloud Density (10^{12} m^{-3})



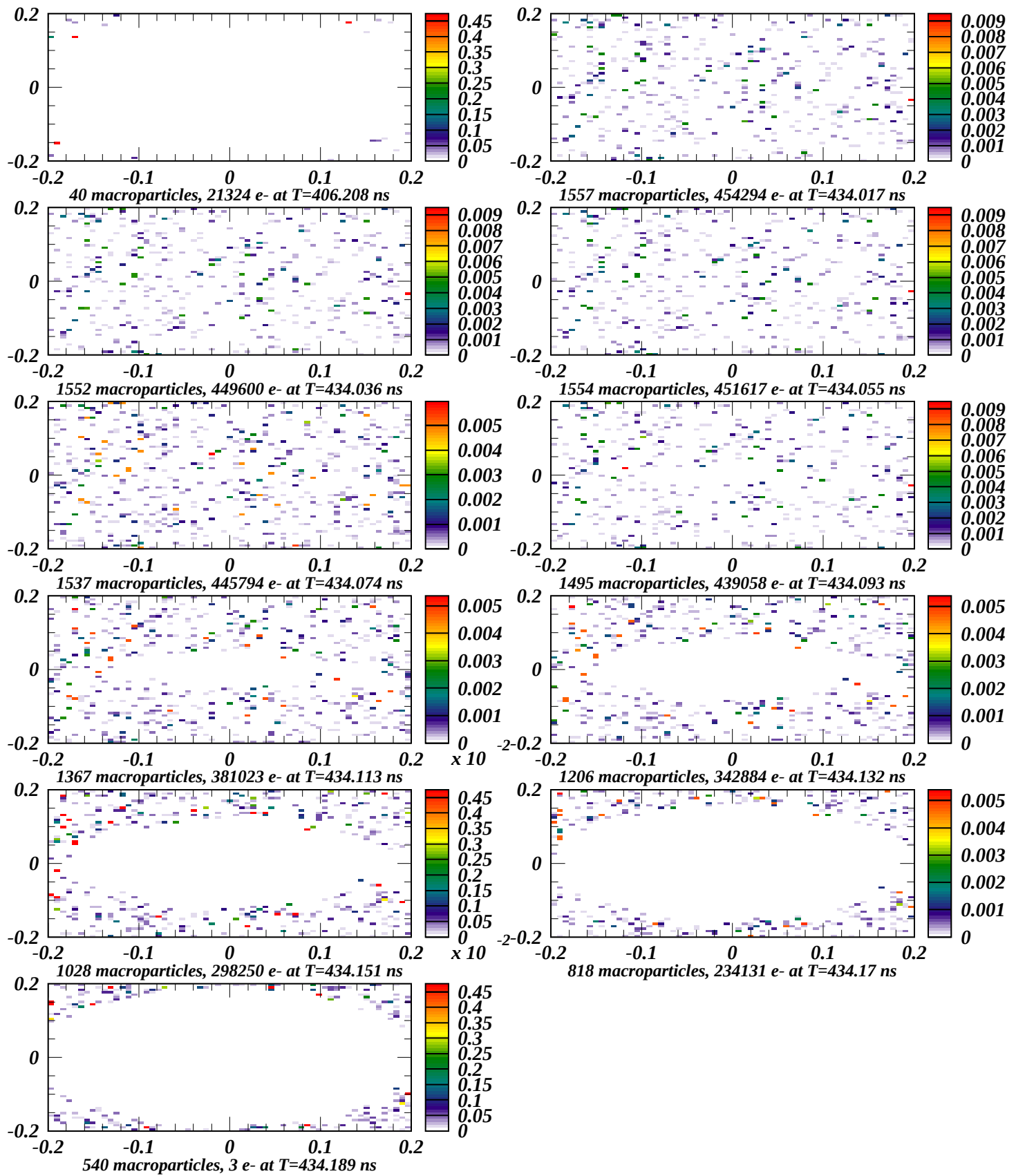
Job 41295: Cloud charge snapshots

 $\times 10^{-2}$


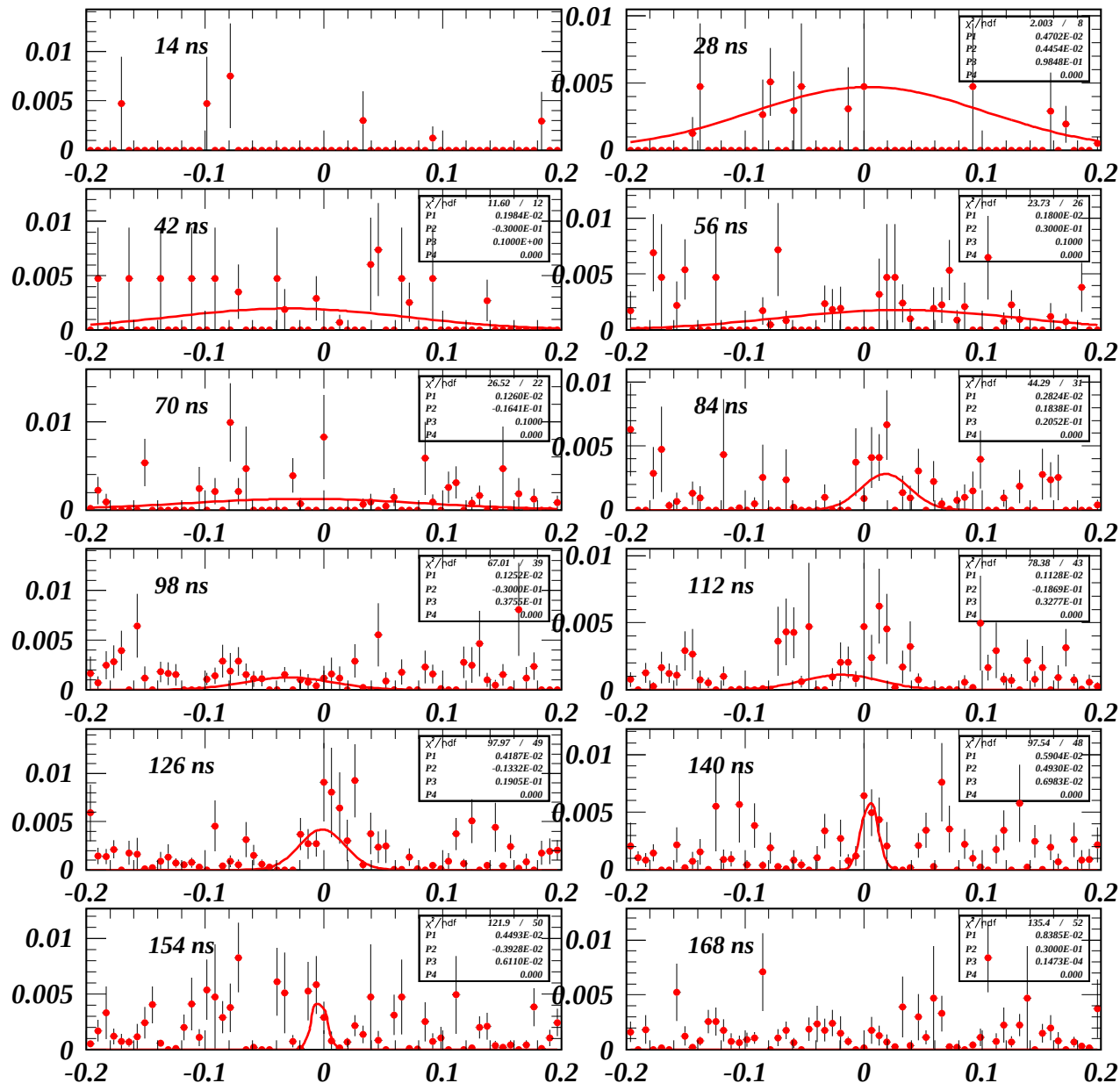
Job 41295: Cloud charge snapshots

 $\times 10^{-2}$


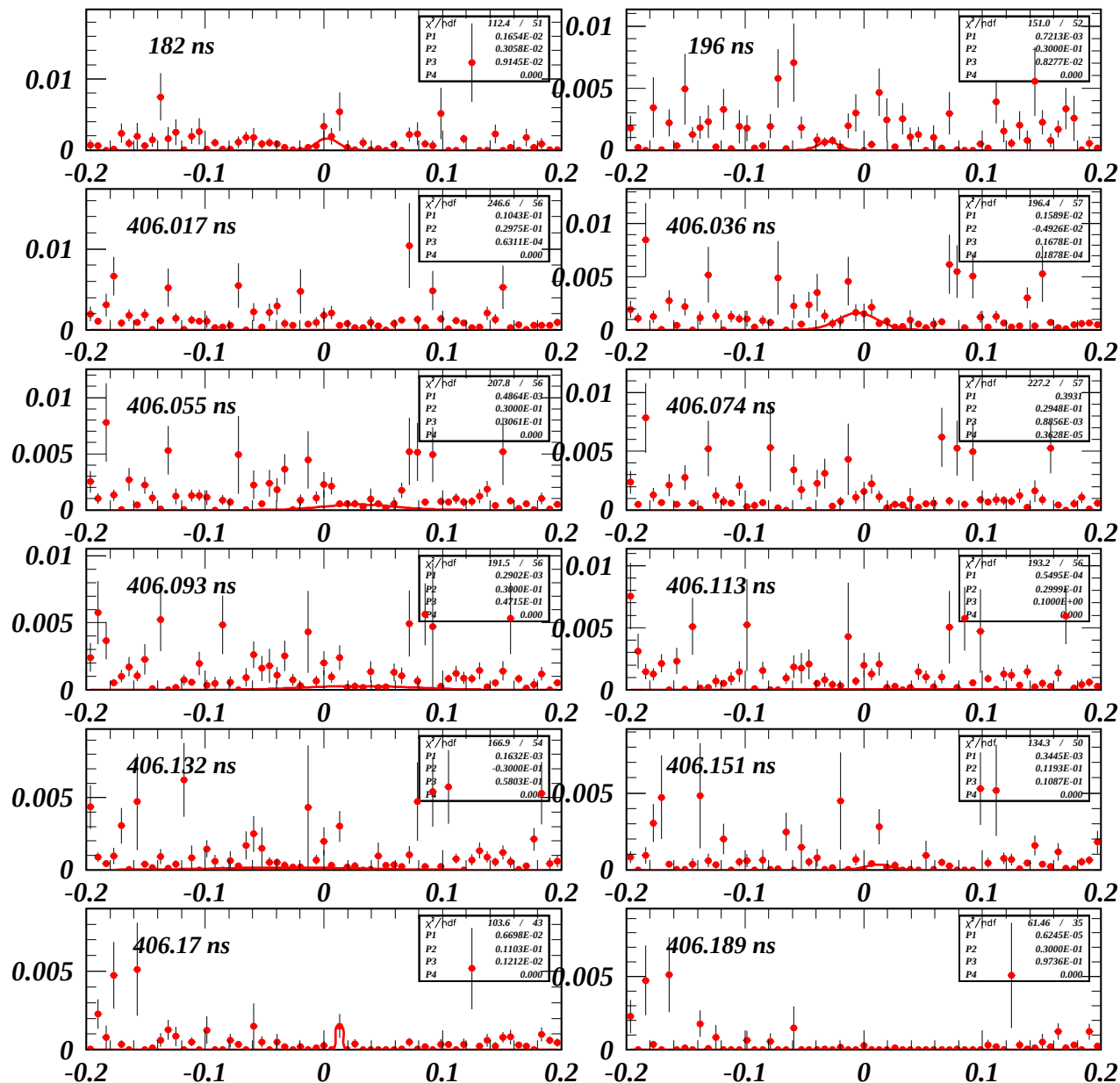
Job 41295: Cloud charge snapshots



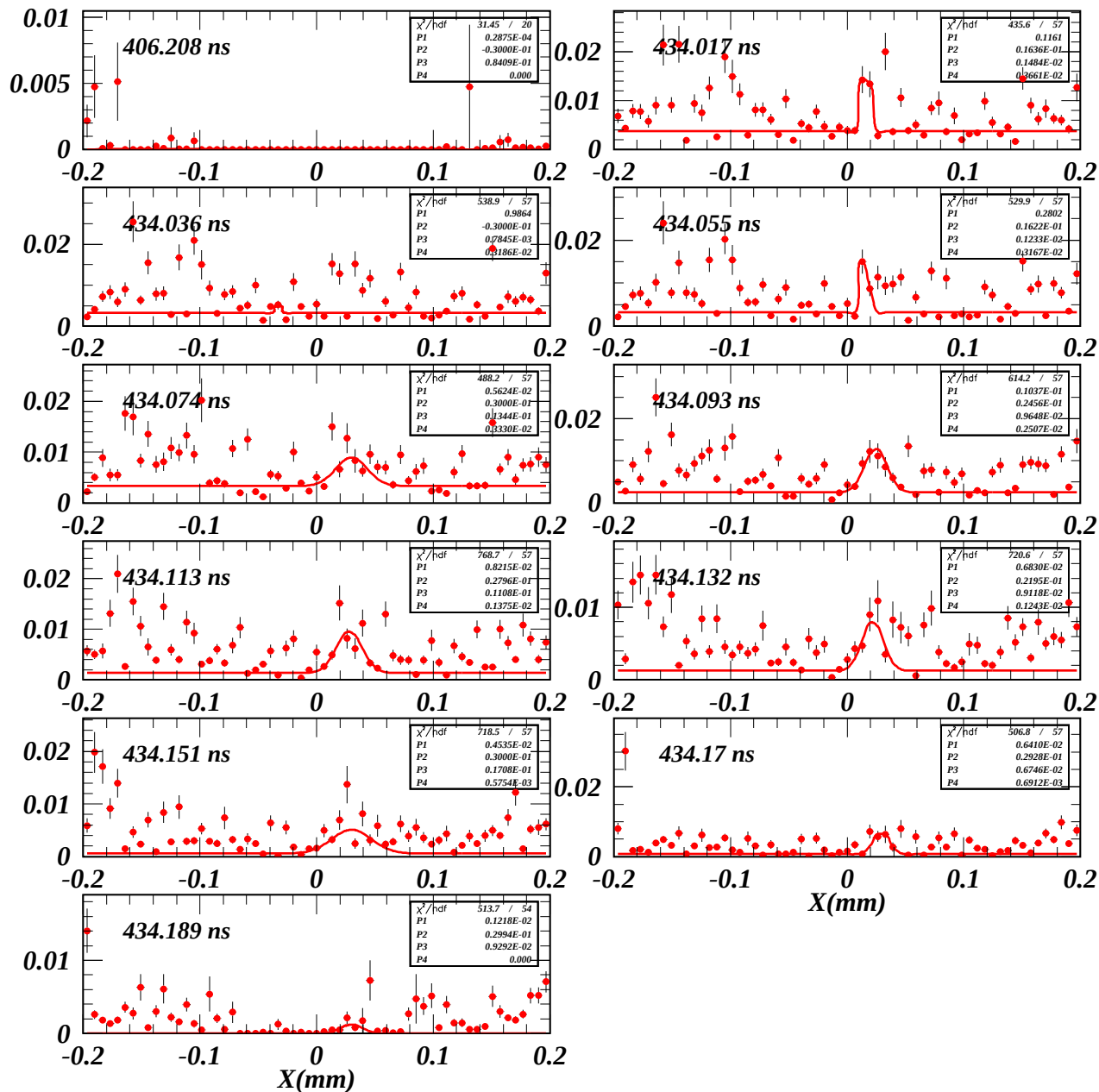
Job 41295: Fits to cloud charge X distribution



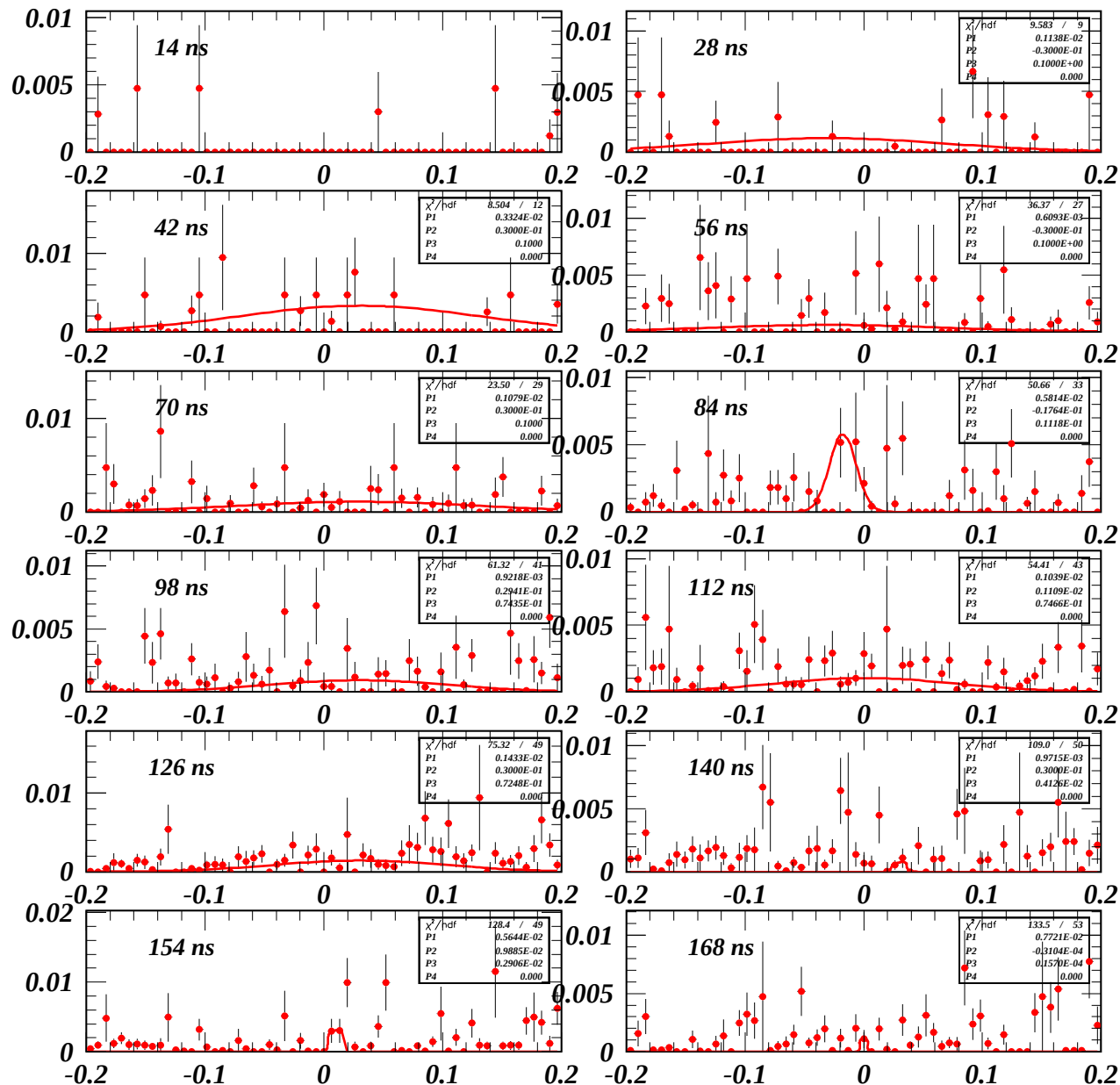
Job 41295: Fits to cloud charge X distribution



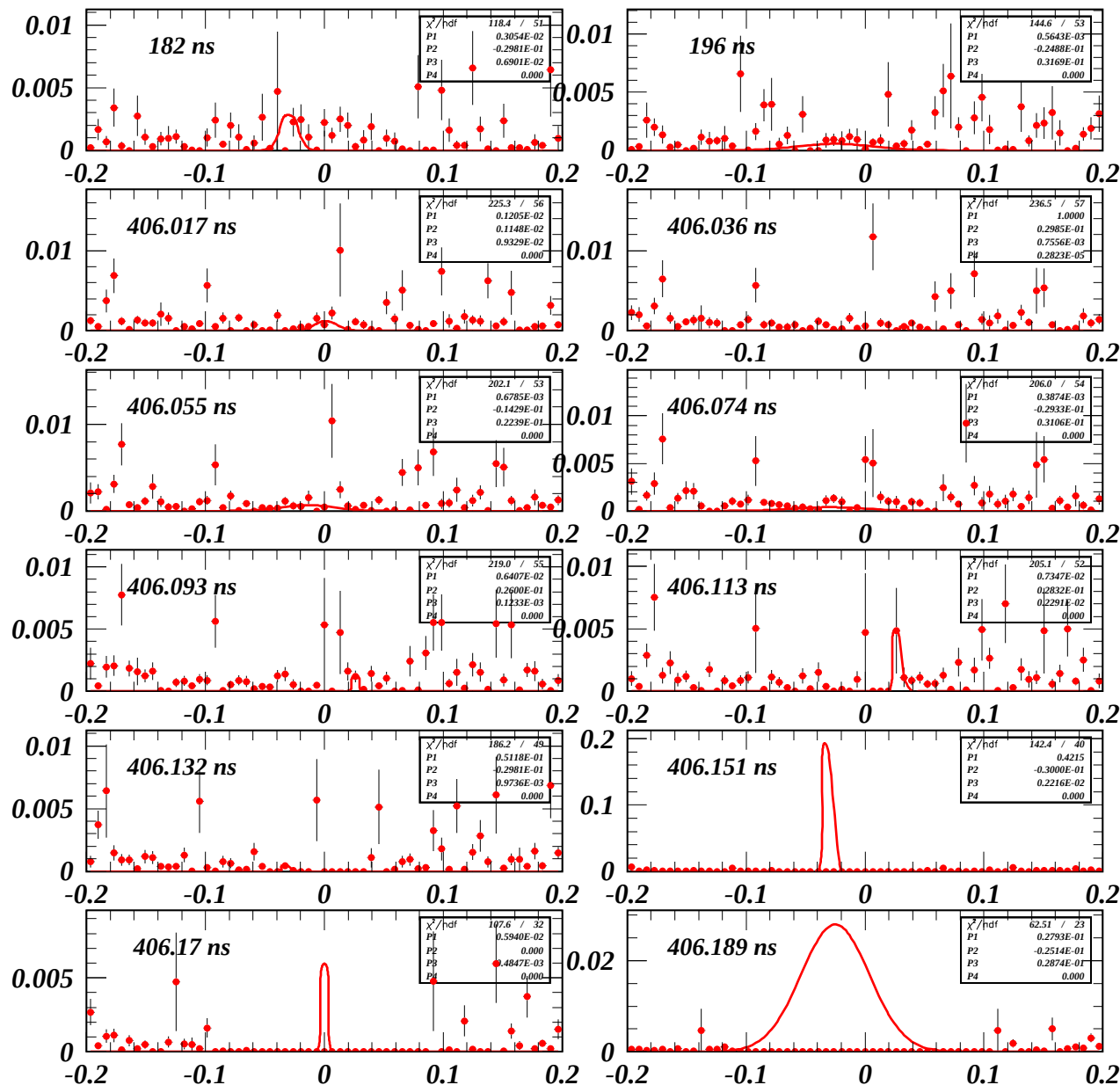
Job 41295: Fits to cloud charge X distribution



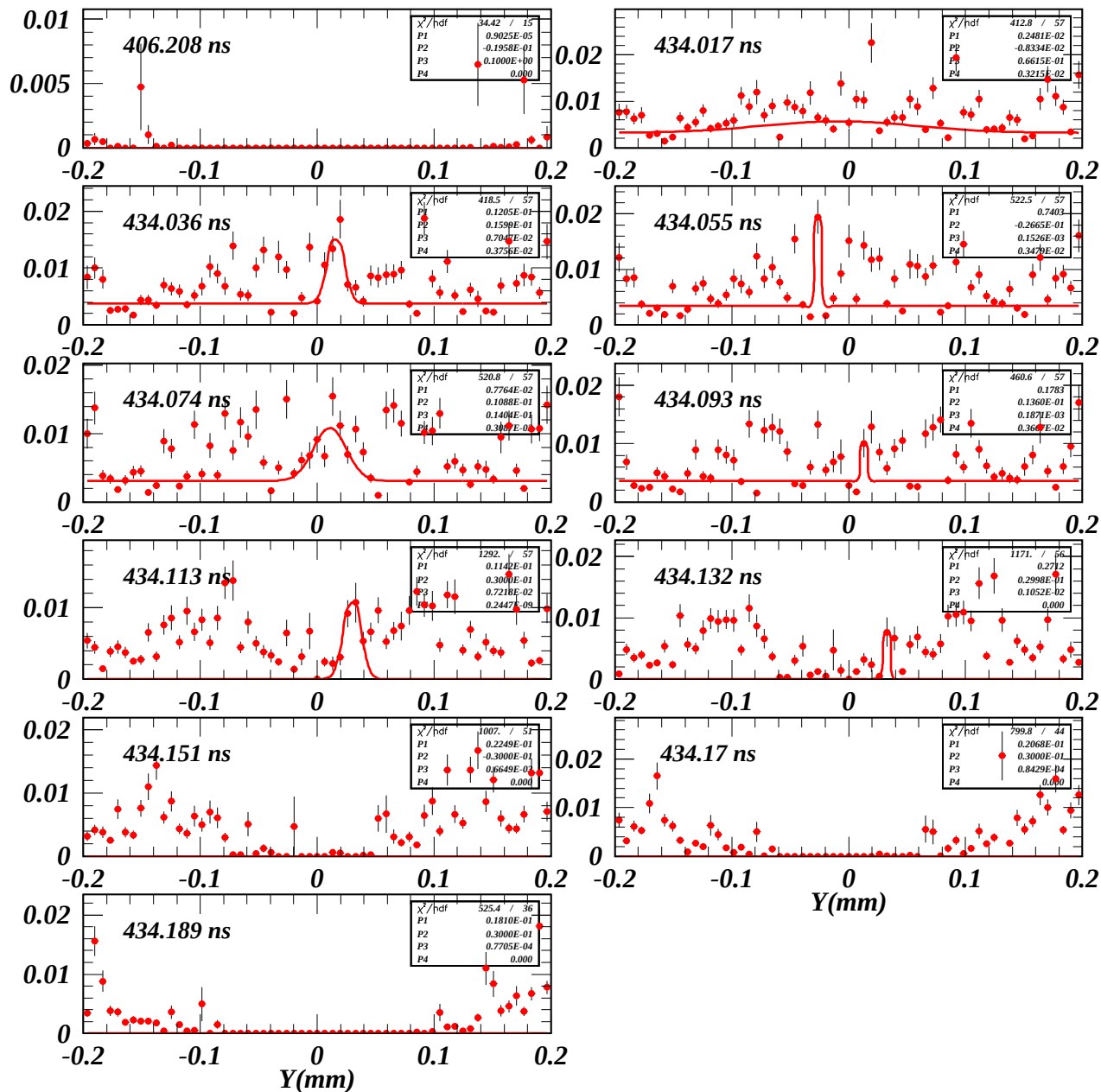
Job 41295: Fits to cloud charge Y distribution



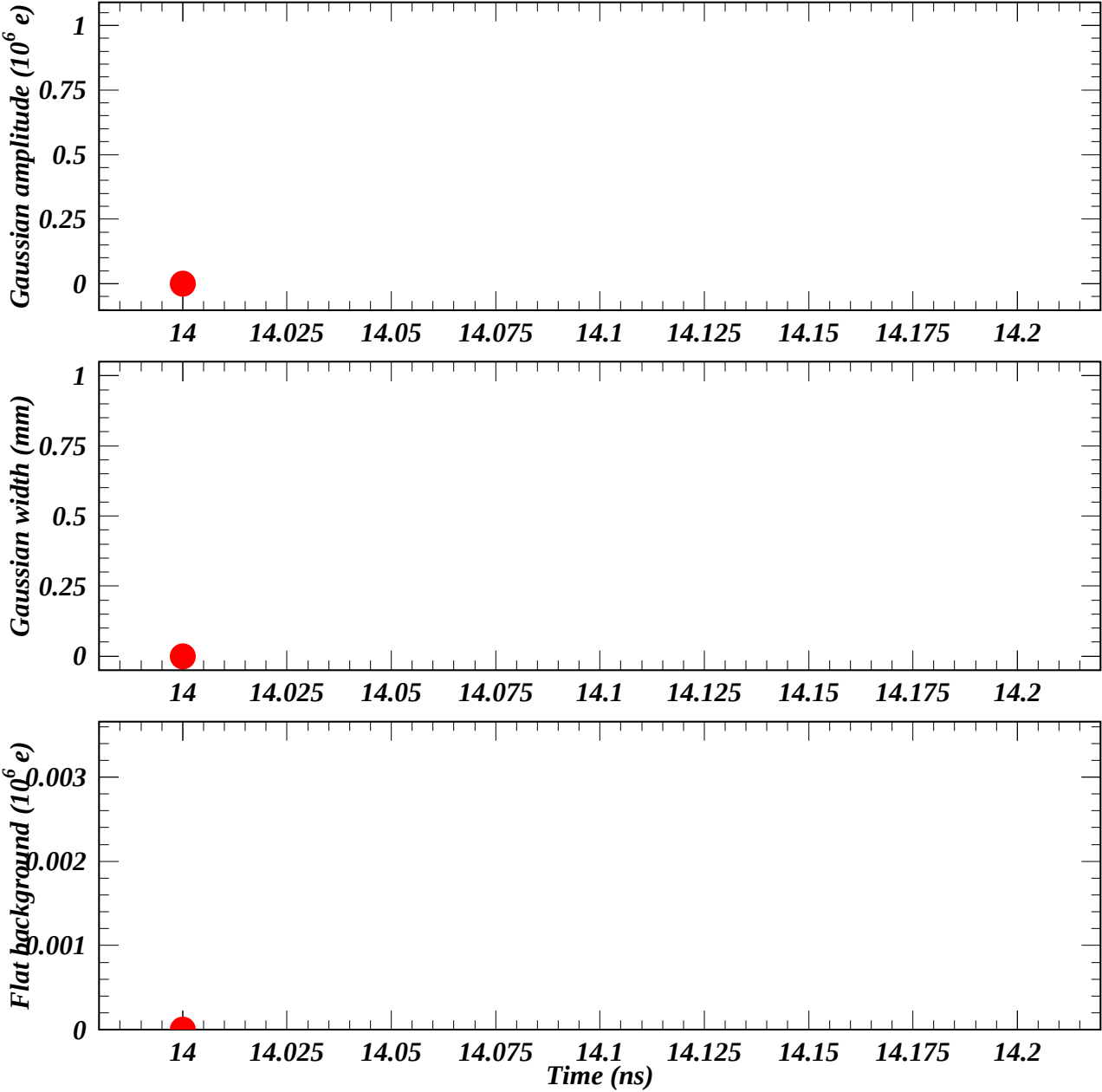
Job 41295: Fits to cloud charge Y distribution



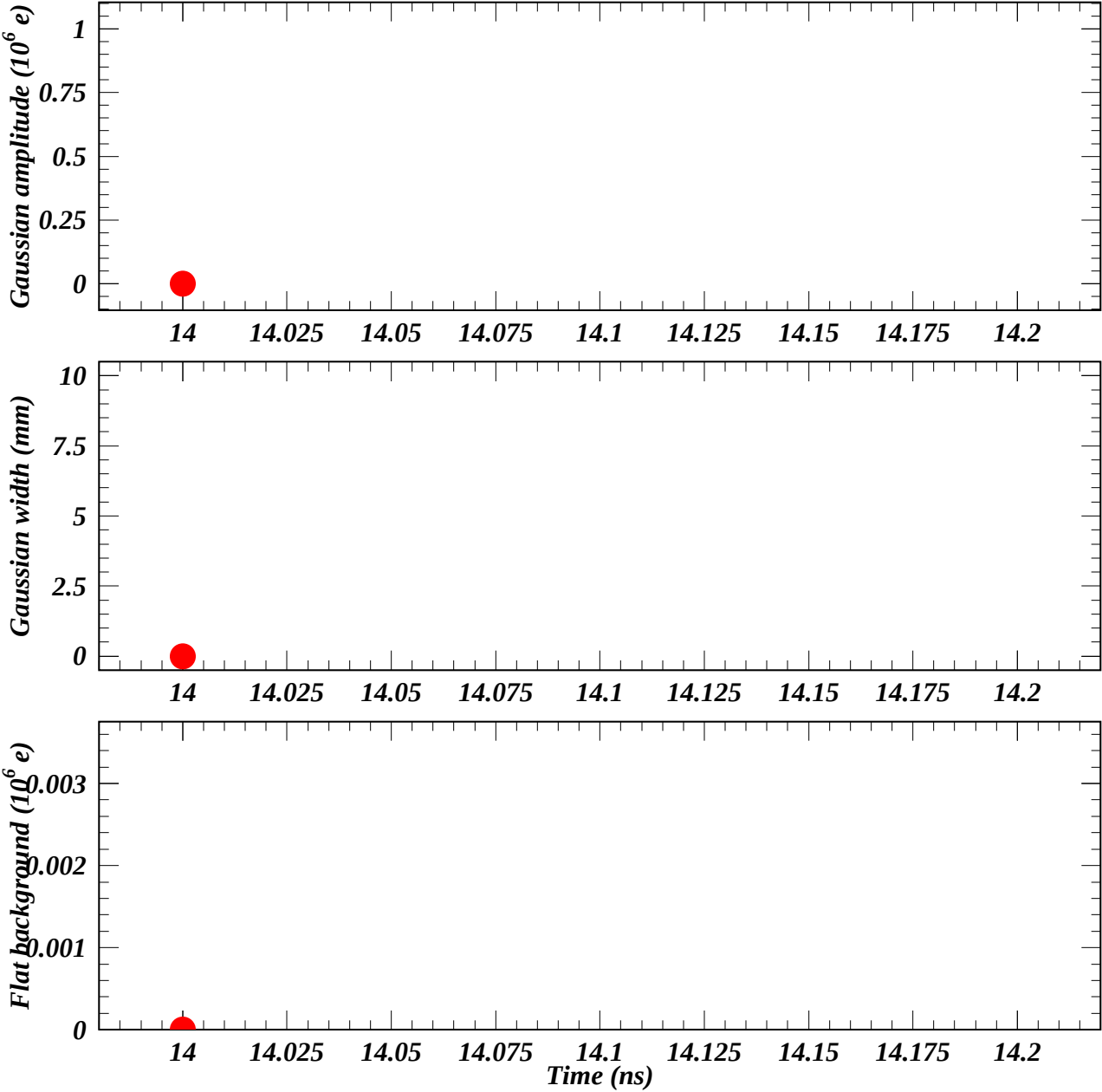
Job 41295: Fits to cloud charge Y distribution



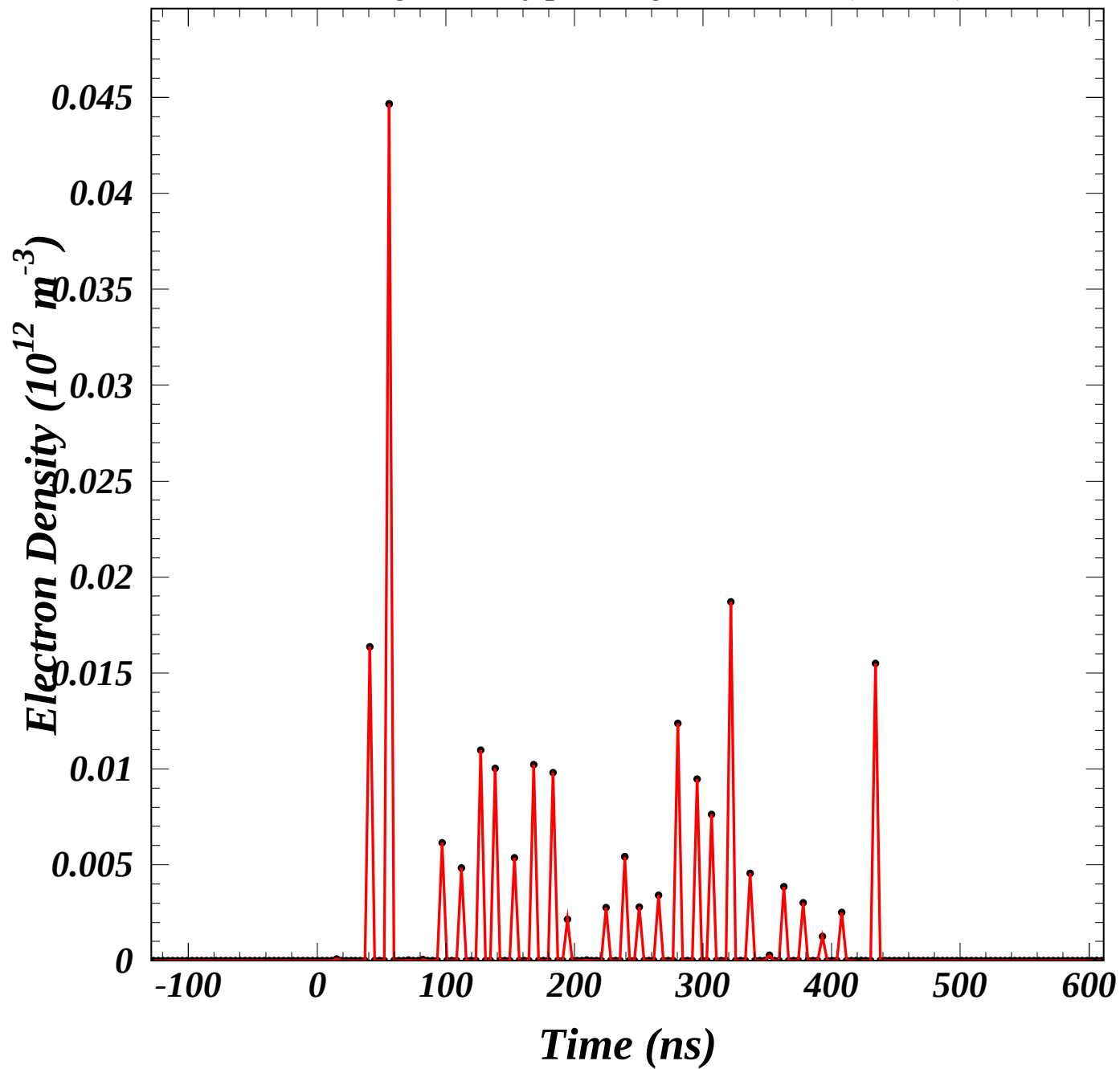
Job 41295: Fits to cloud charge X distribution

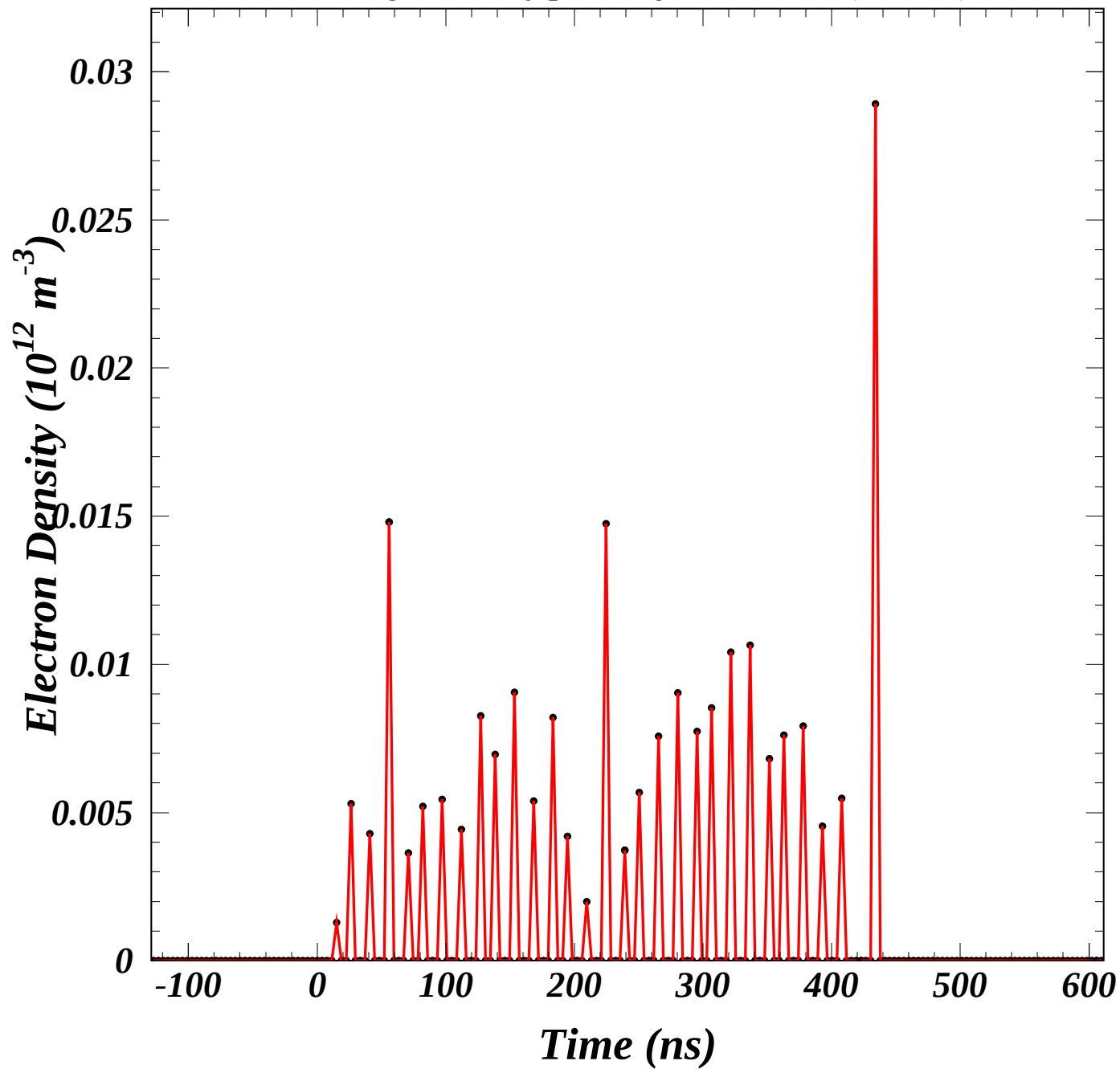


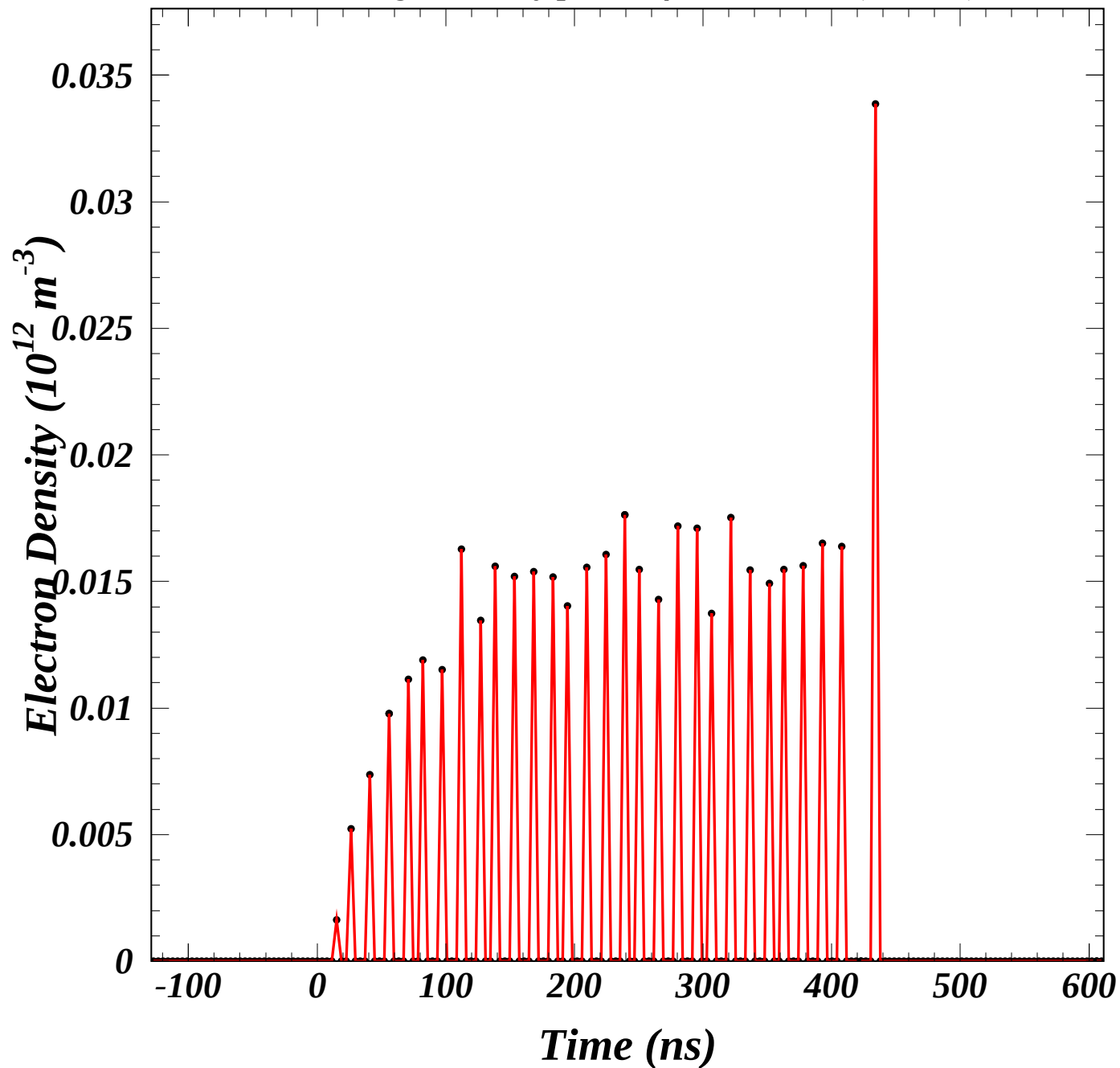
Job 41295: Fits to cloud charge Y distribution



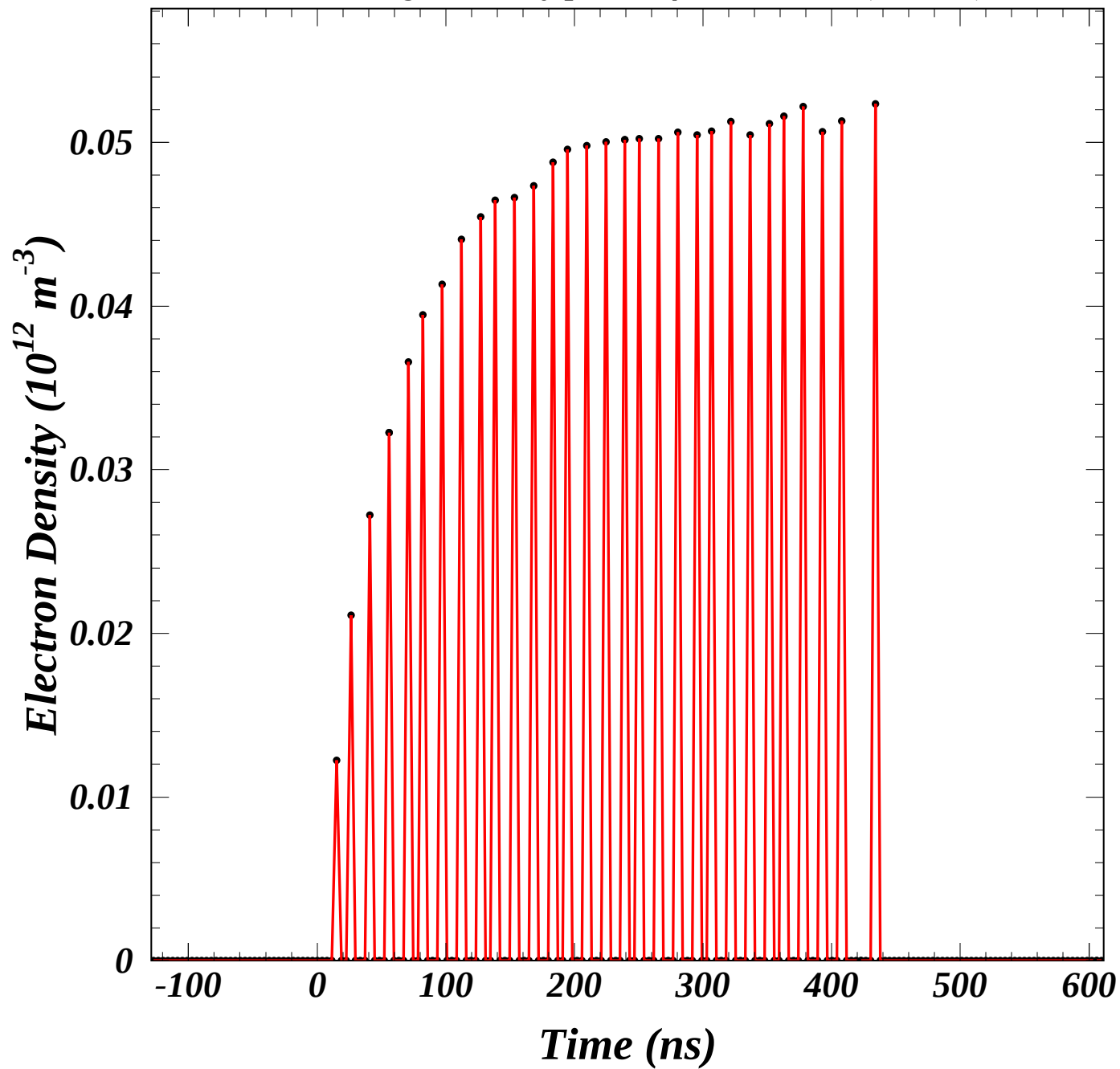
Beam-averaged density prior to filled bunches (10^{12} m^{-3})



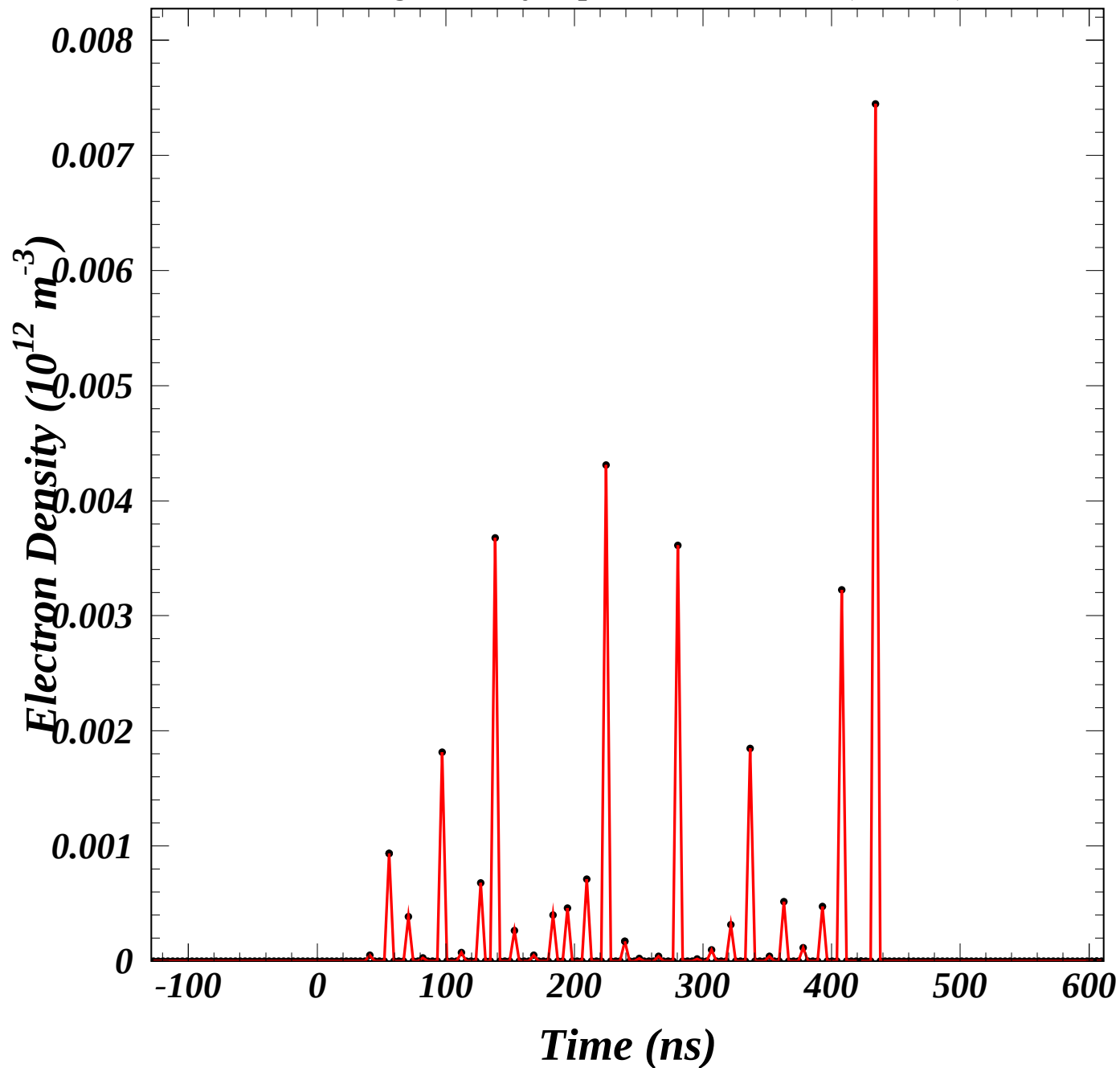
Central 5-sigma density prior to filled bunches (10^{12} m^{-3})

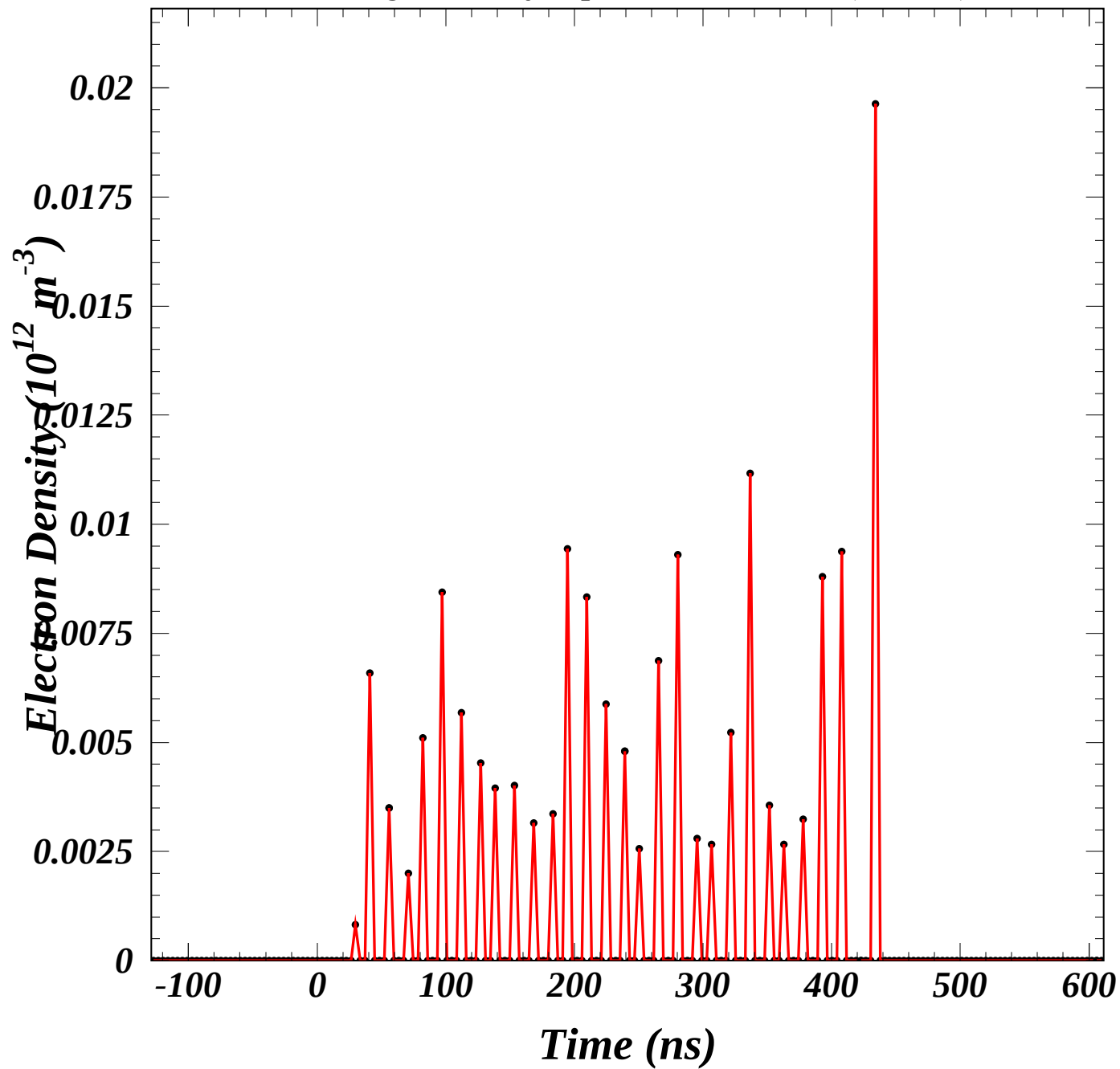
Central 20-sigma density prior to filled bunches (10^{12} m^{-3})

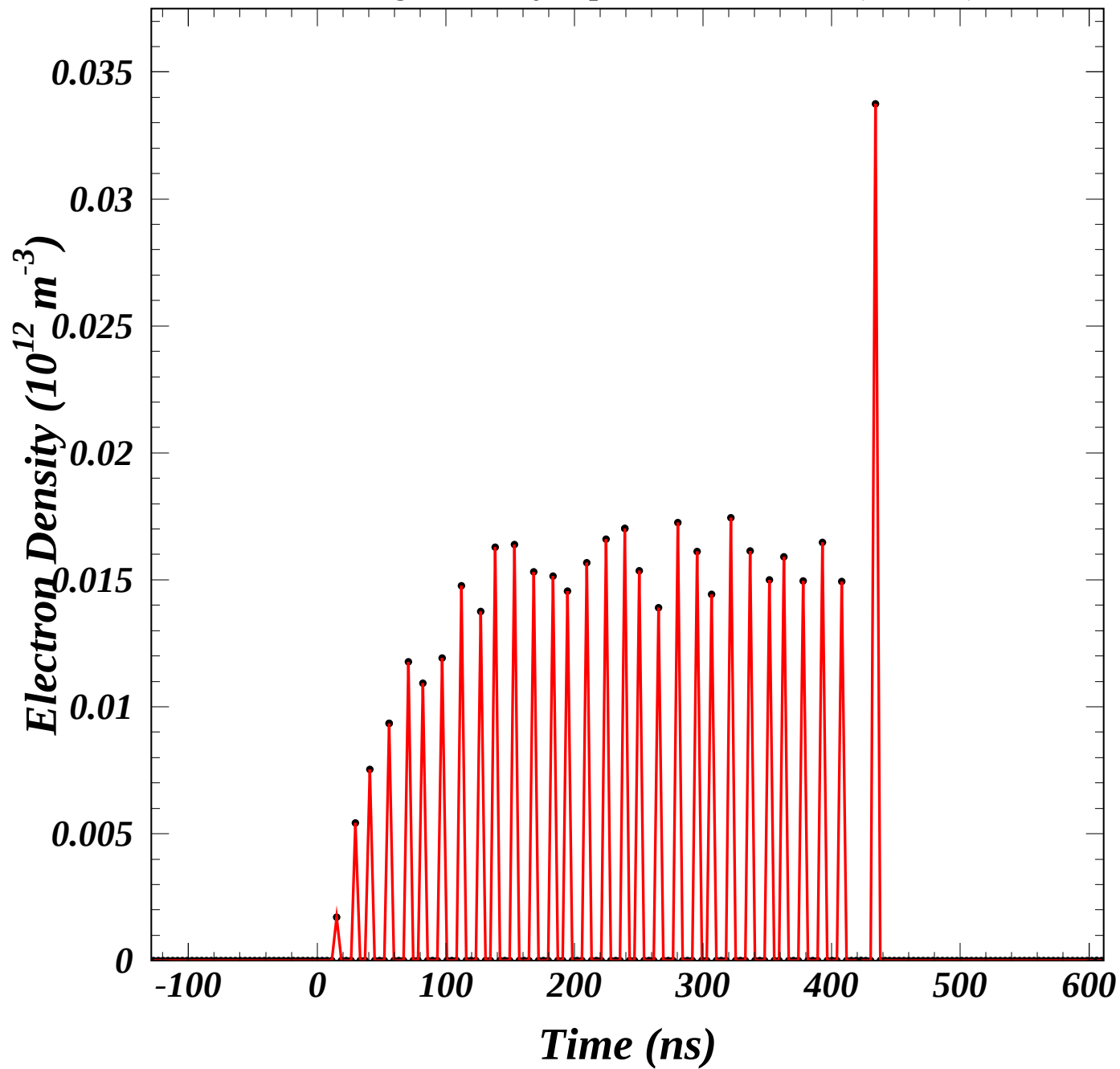
Central 100-sigma density prior to filled bunches (10^{12} m^{-3})

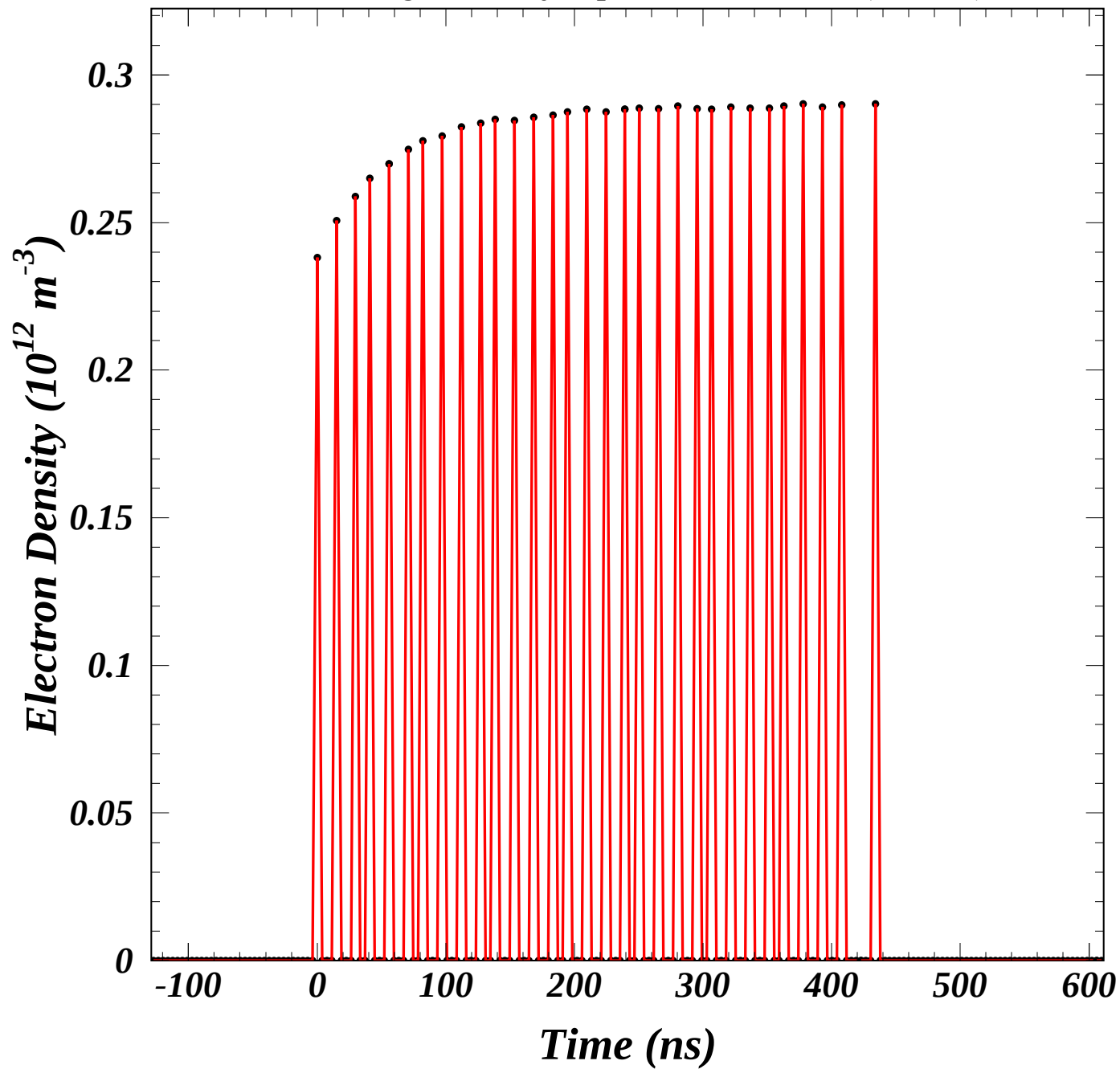


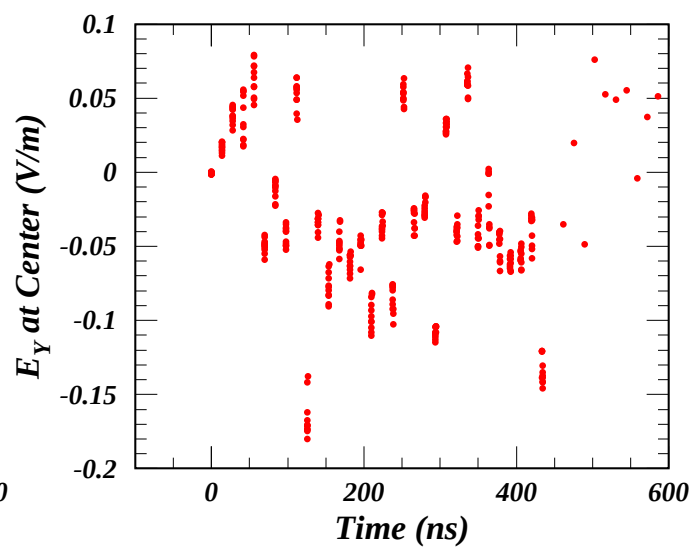
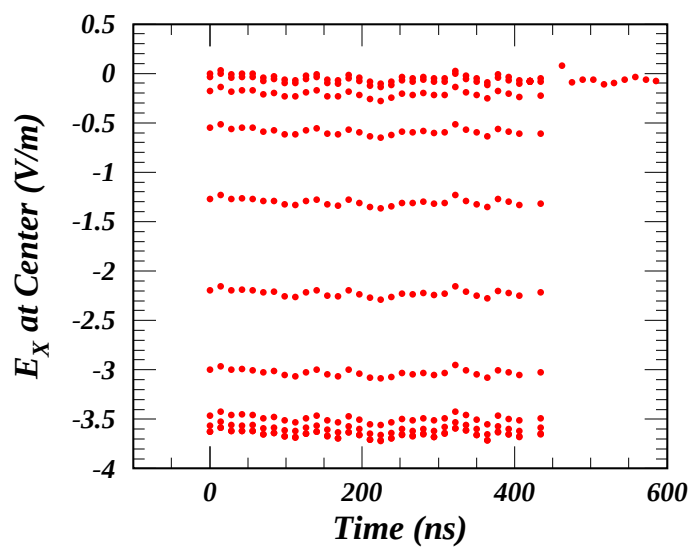
Beam-averaged density at peak bunch current (10^{12} m^{-3})

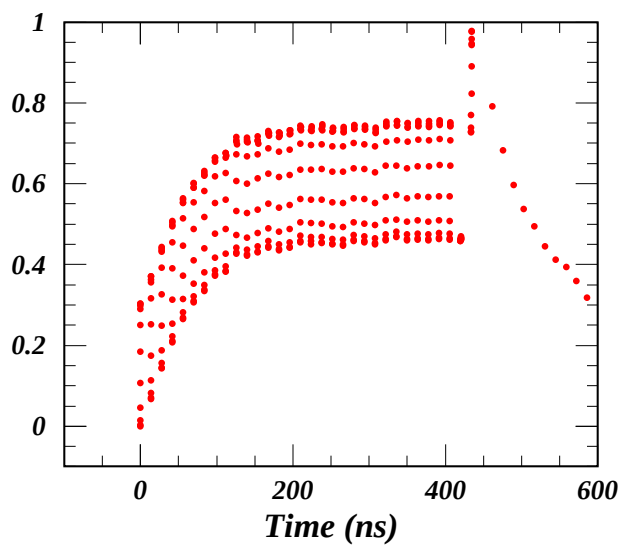
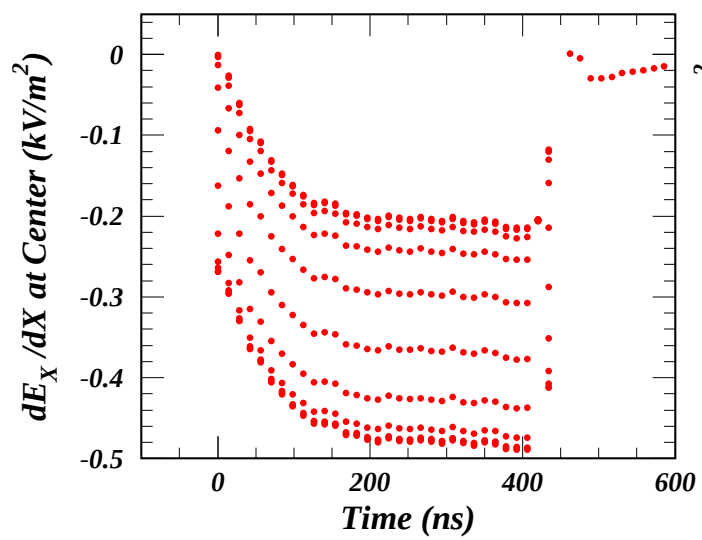


Central 5-sigma density at peak bunch current (10^{12} m^{-3})

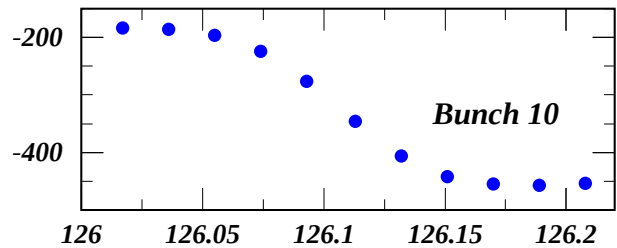
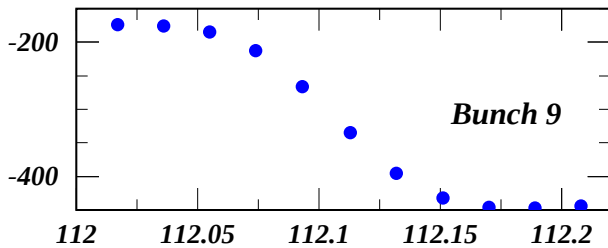
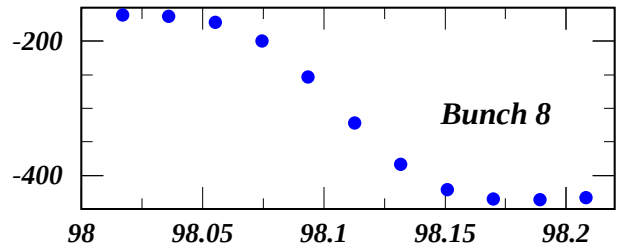
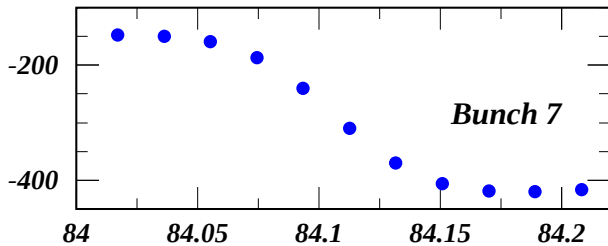
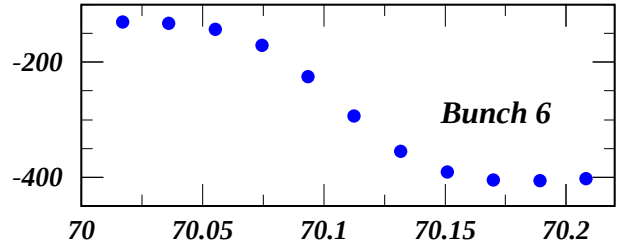
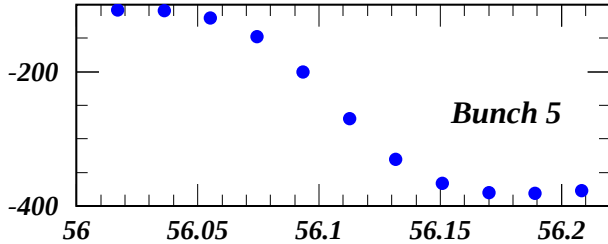
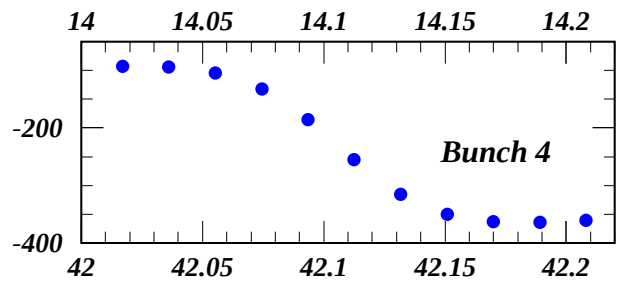
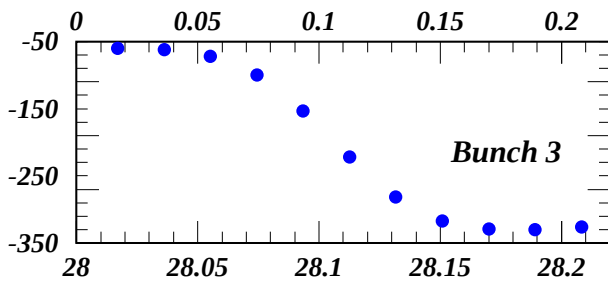
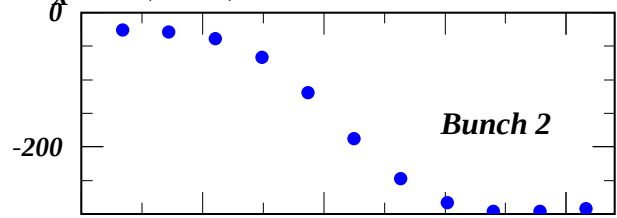
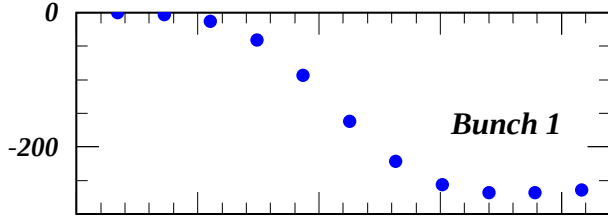
Central 20-sigma density at peak bunch current (10^{12} m^{-3})

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

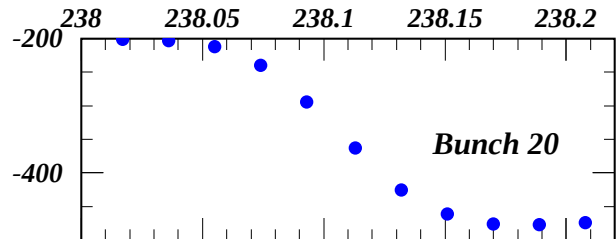
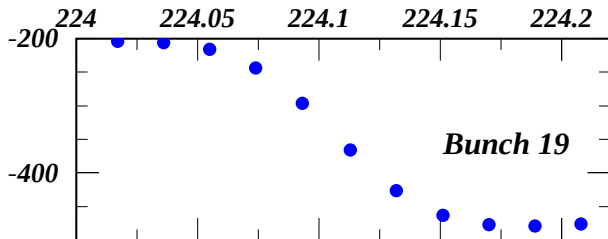
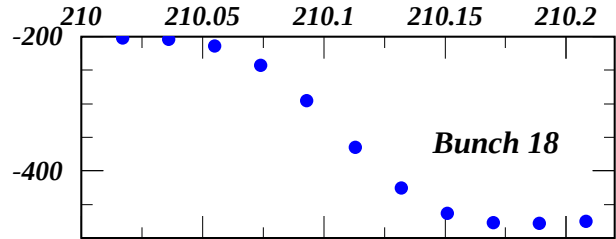
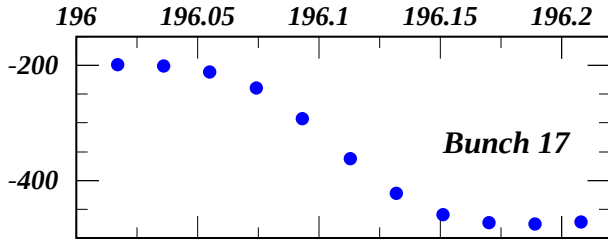
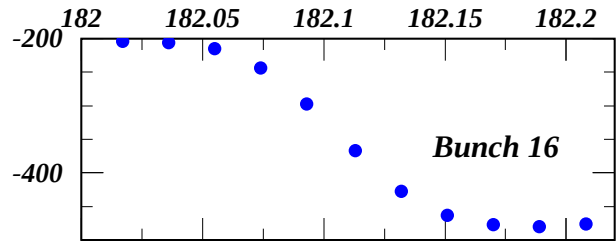
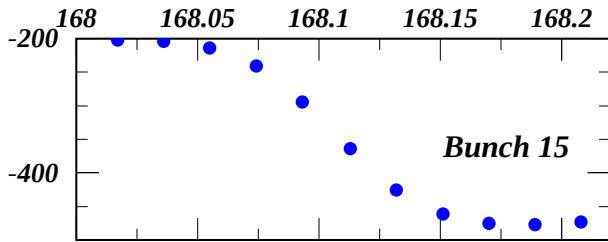
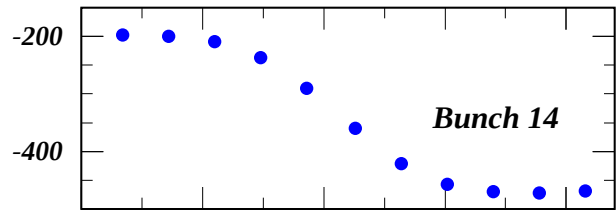
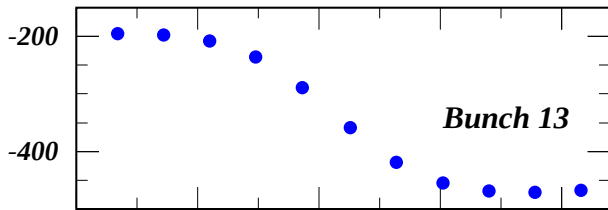
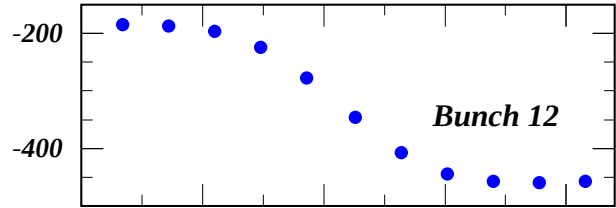
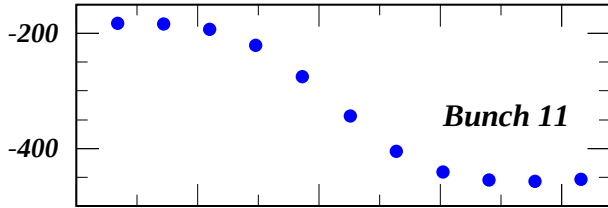




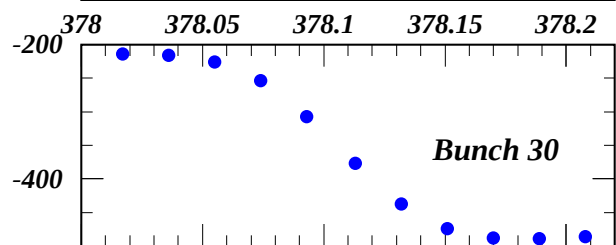
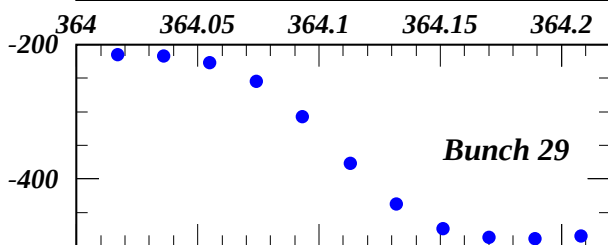
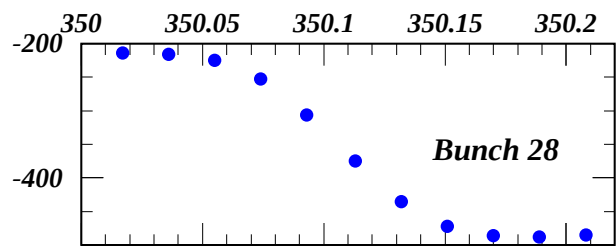
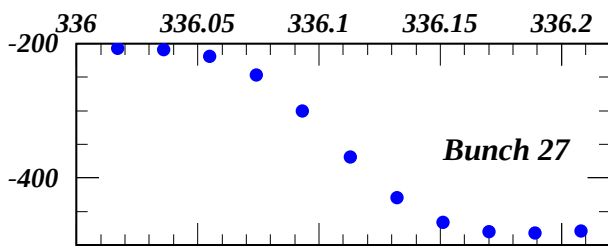
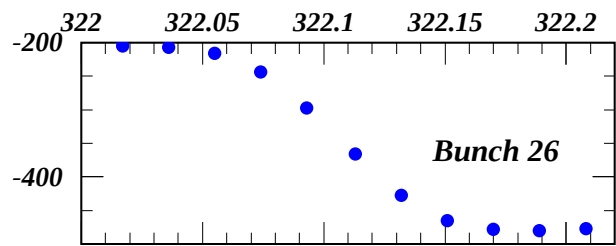
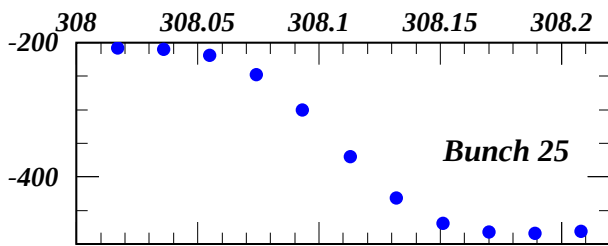
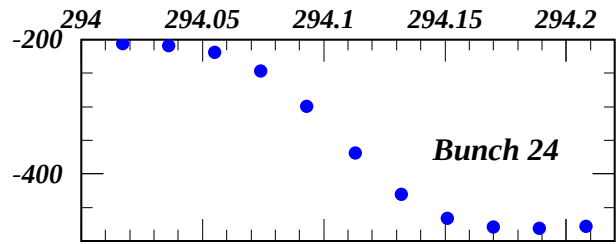
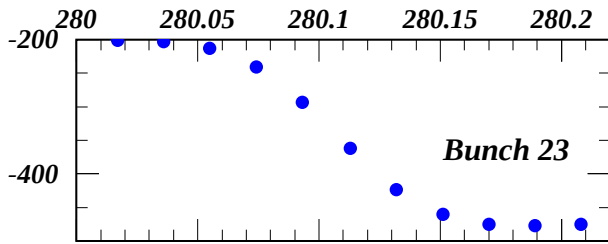
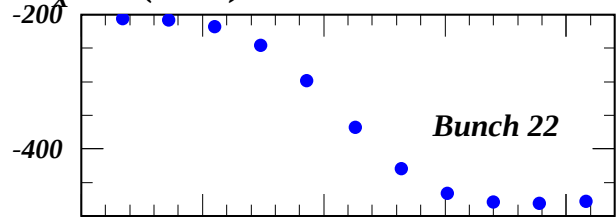
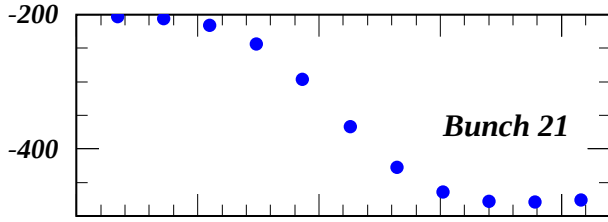
: Field Gradient dE_x/dX (V/m²)



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



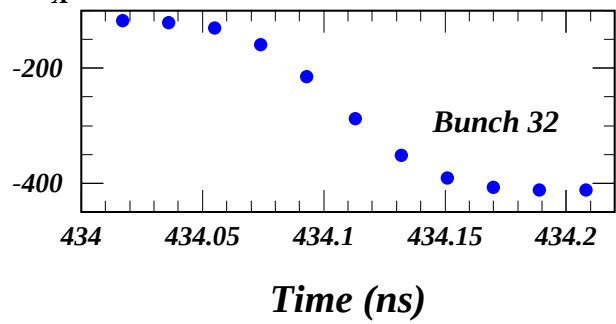
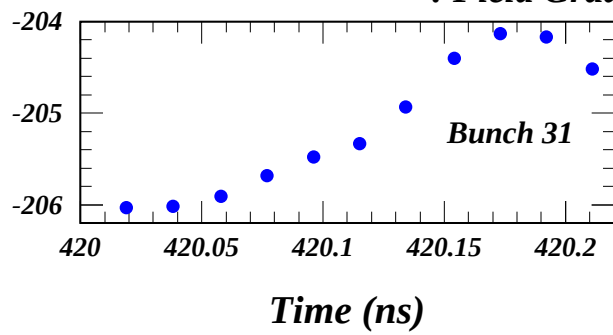
: Field Gradient dE_x/dX (V/m^2)



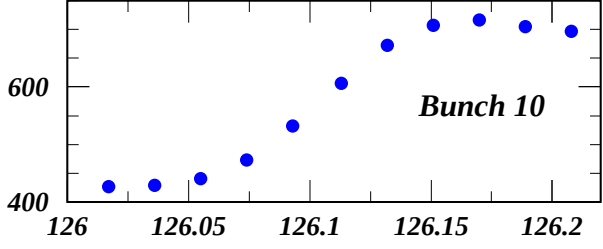
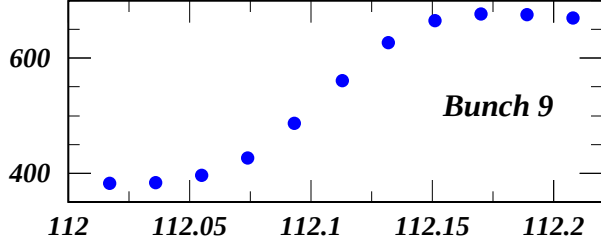
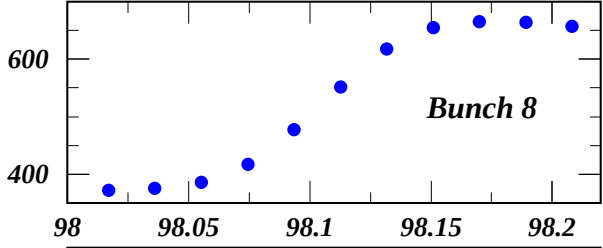
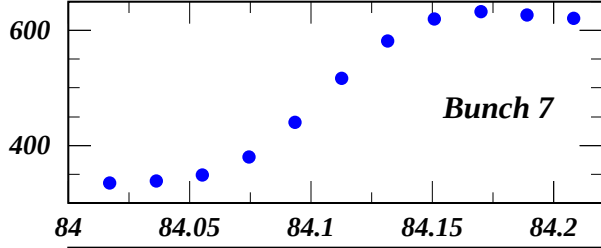
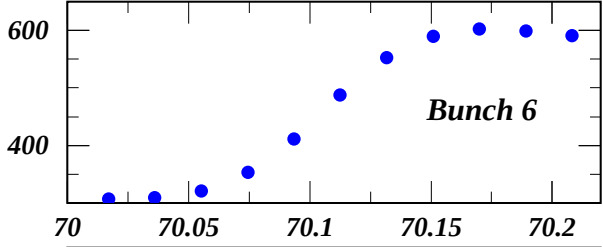
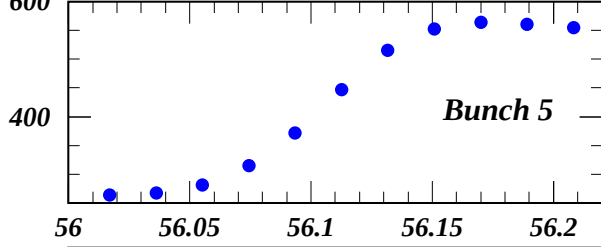
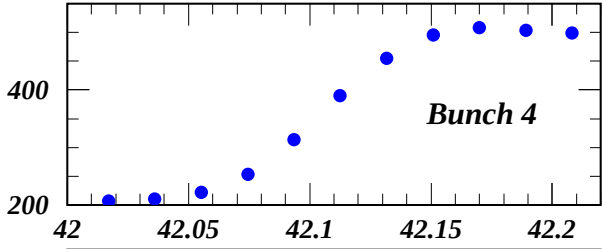
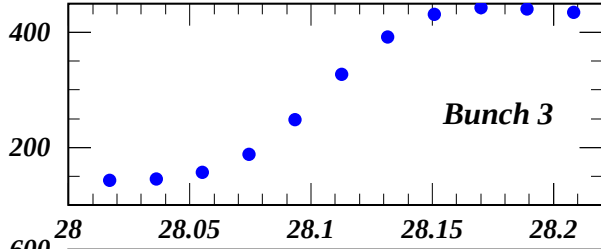
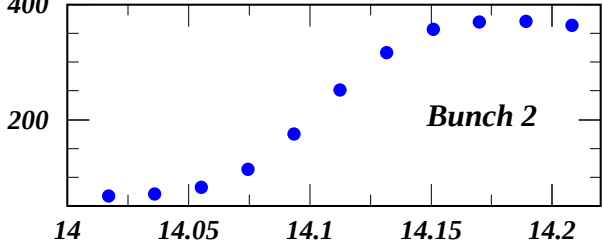
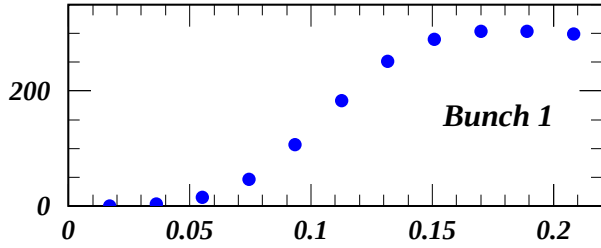
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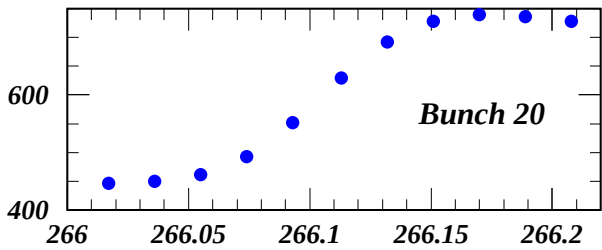
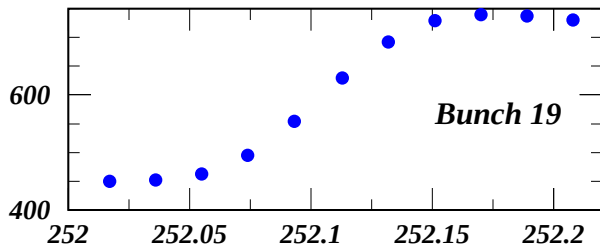
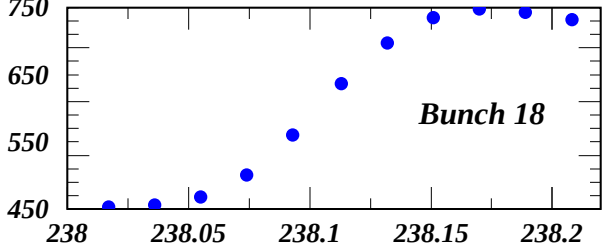
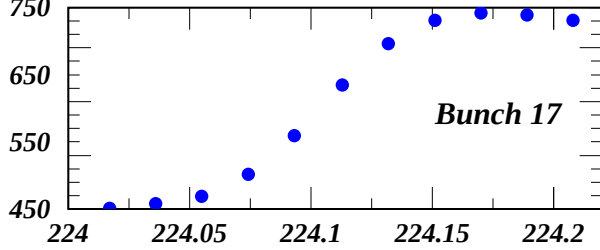
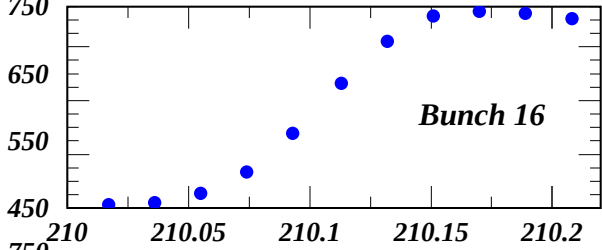
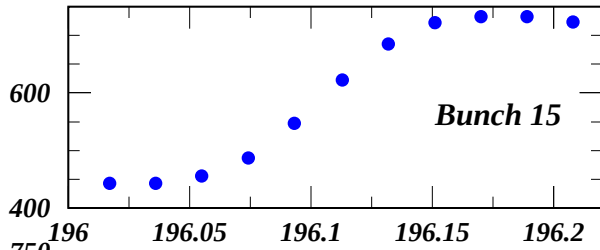
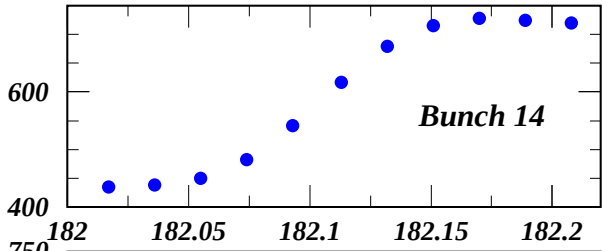
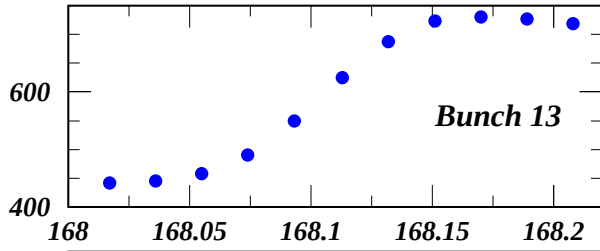
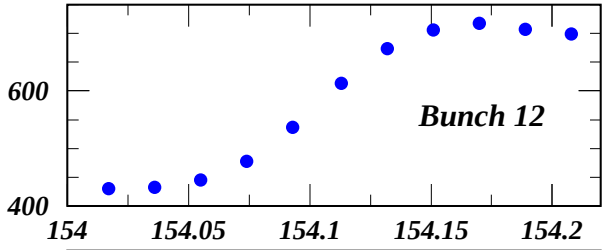
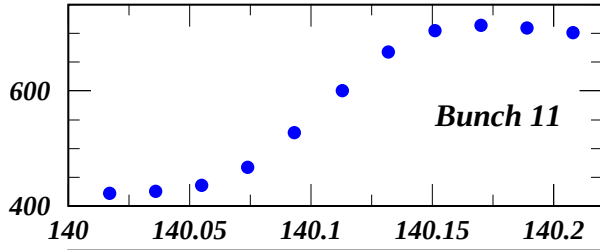
: Field Gradient dE_x/dX (V/m^2)



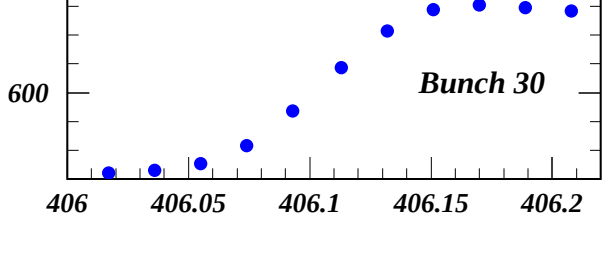
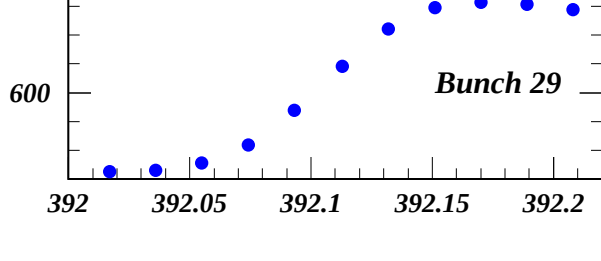
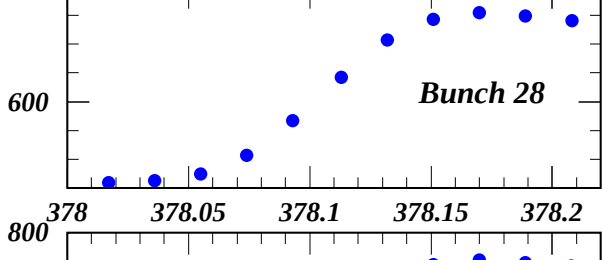
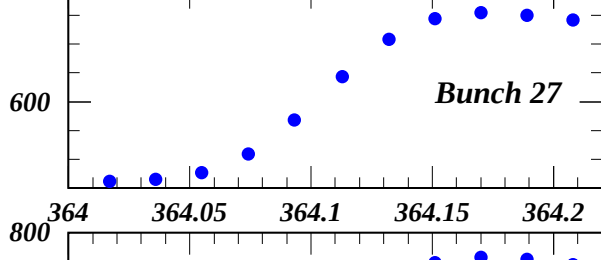
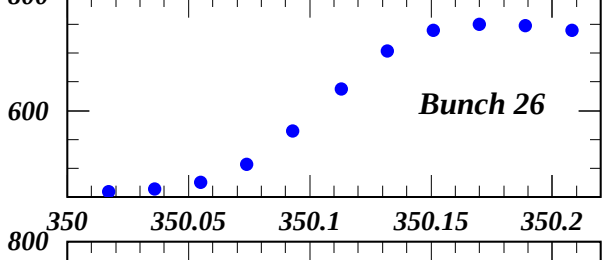
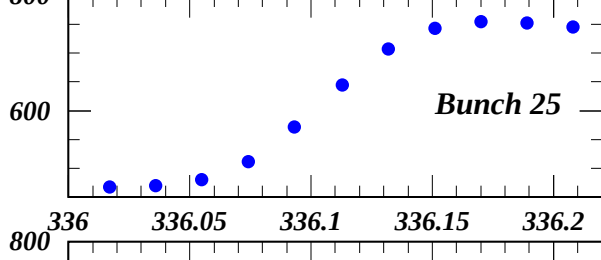
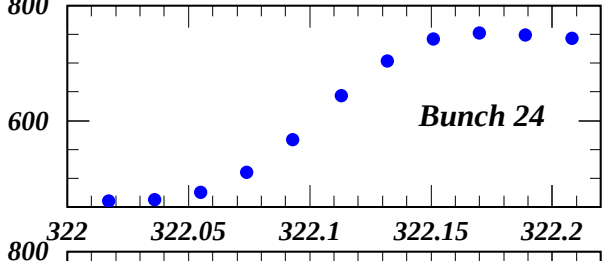
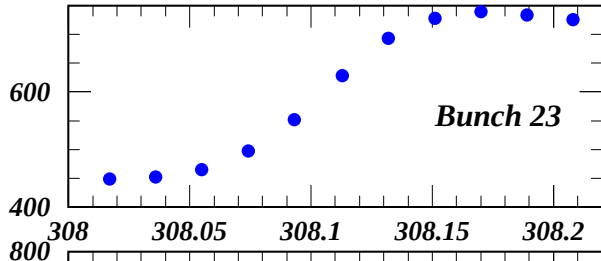
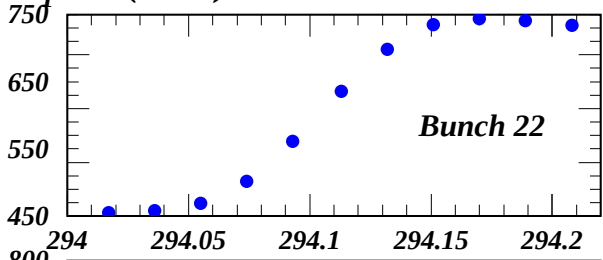
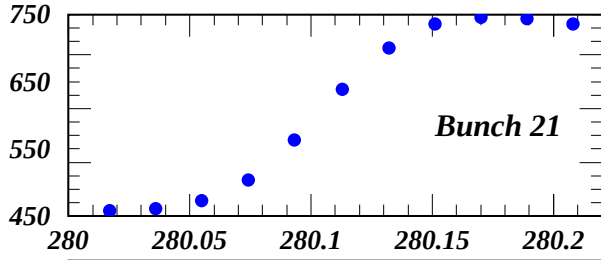
: Field Gradient dE_Y/dY (V/m²)



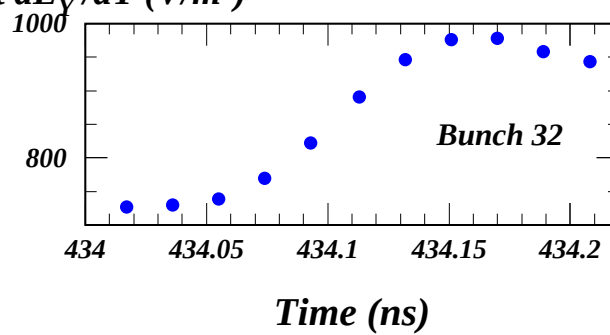
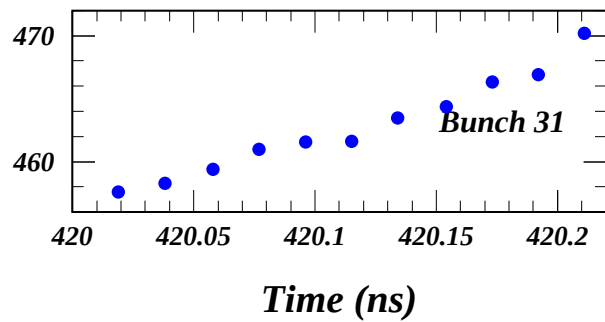
: Field Gradient dE_Y/dY (V/m^2)



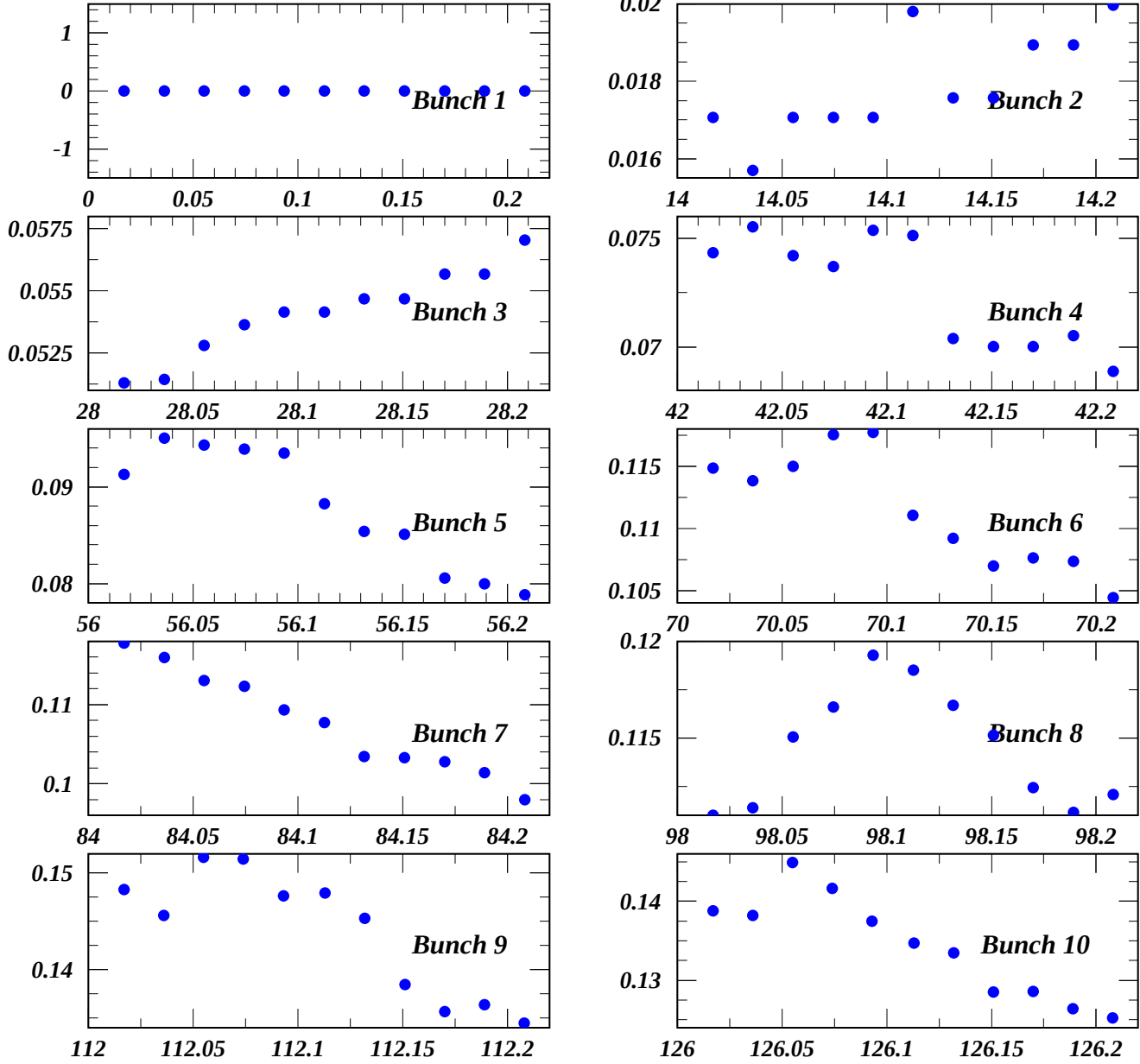
: Field Gradient dE_Y/dY (V/m^2)



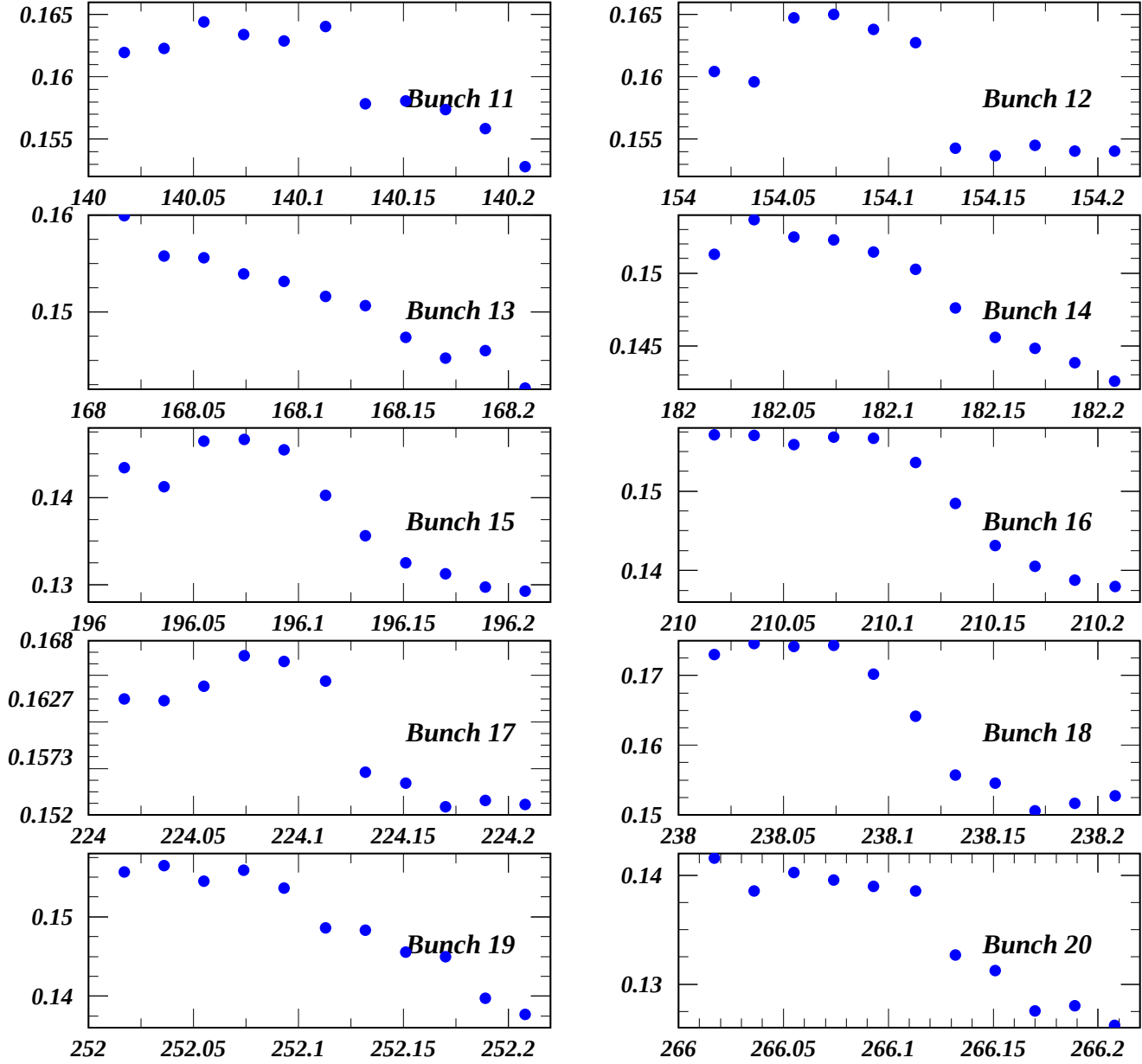
: Field Gradient dE_Y/dY (V/m²)



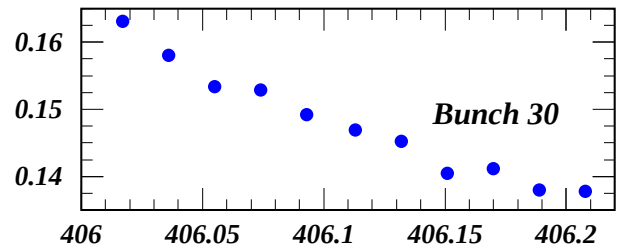
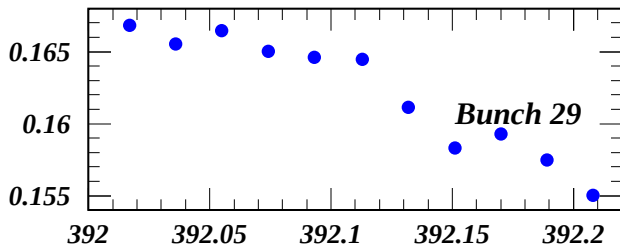
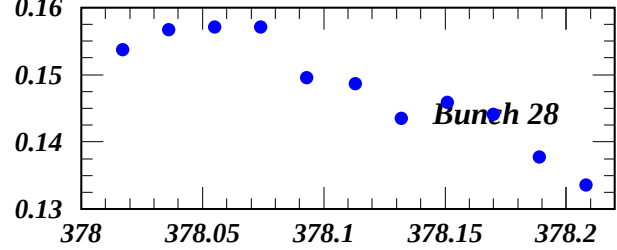
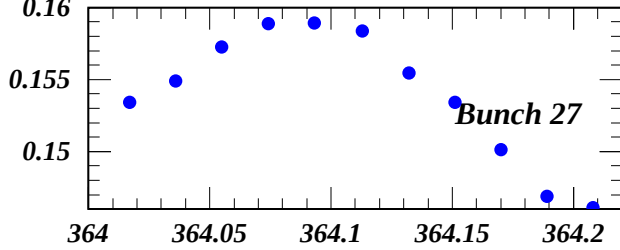
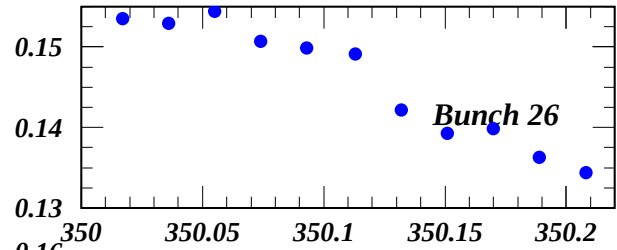
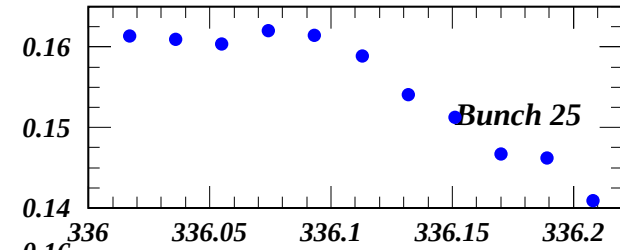
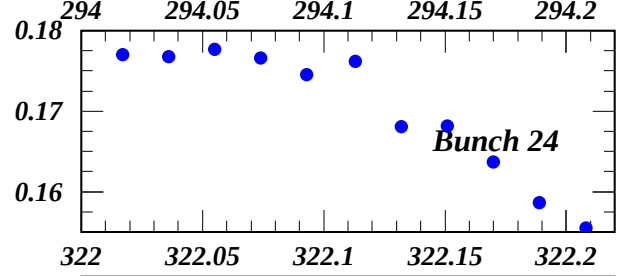
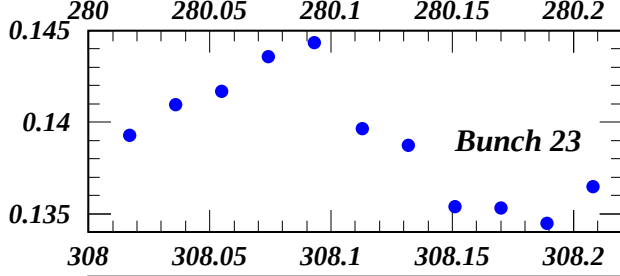
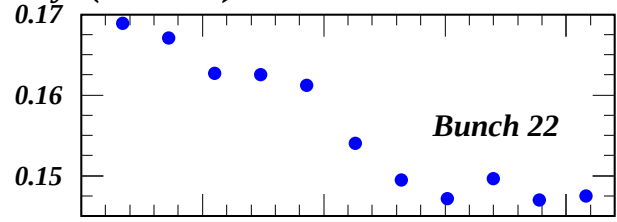
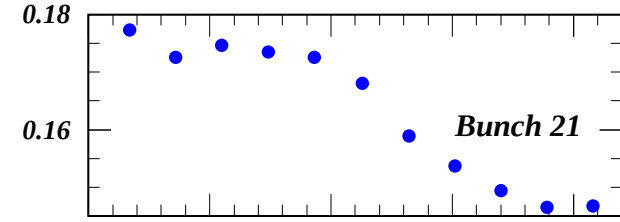
: 5σ Central Density (10^{11} m^{-3})



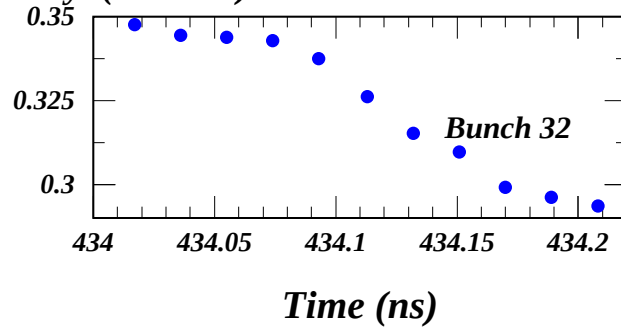
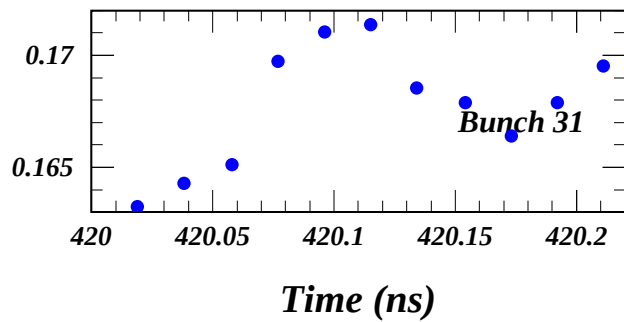
: 5σ Central Density (10^{11} m^{-3})



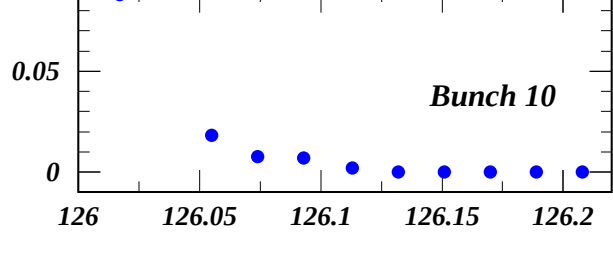
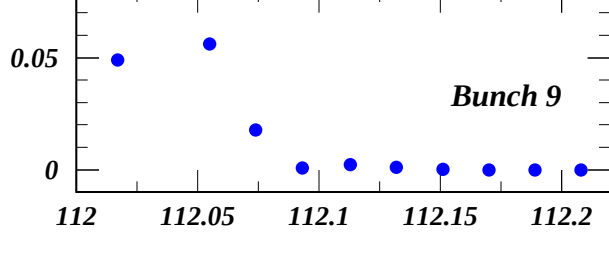
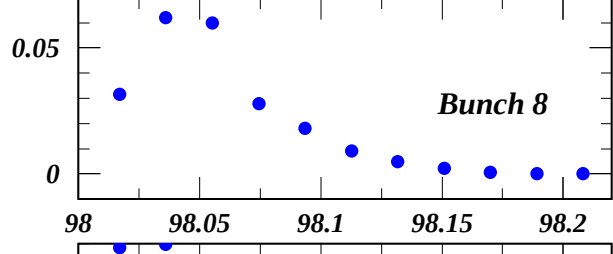
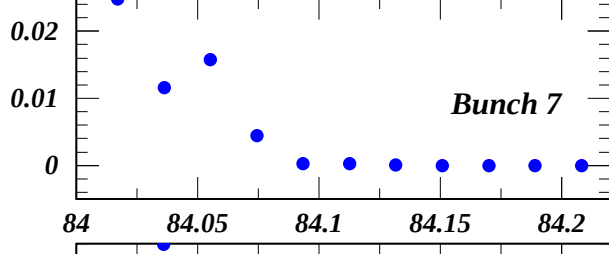
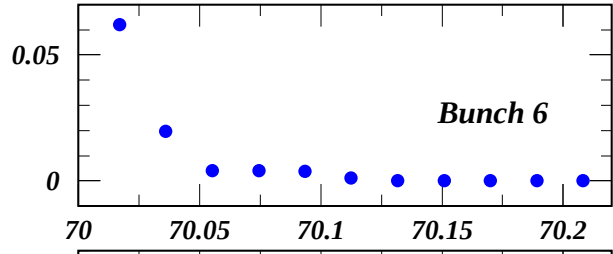
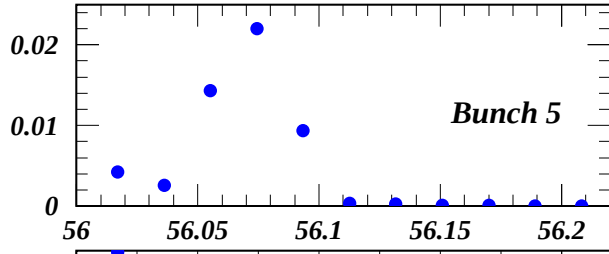
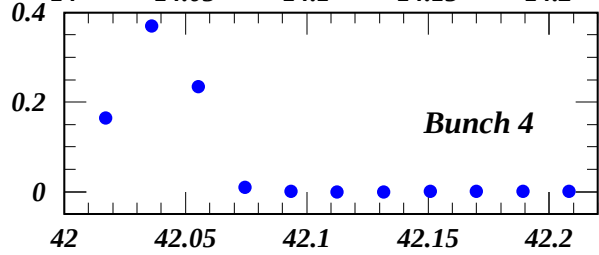
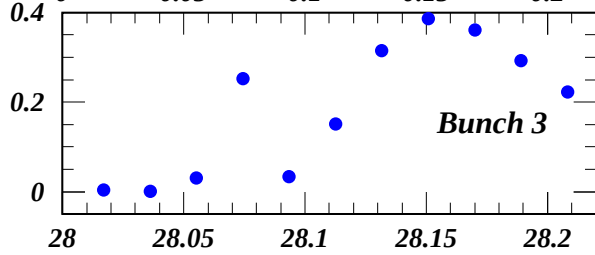
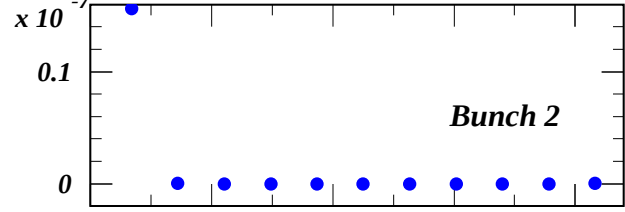
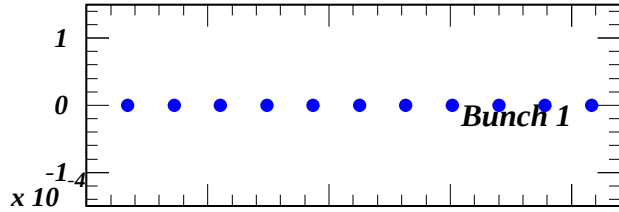
: 5σ Central Density (10^{11} m^{-3})



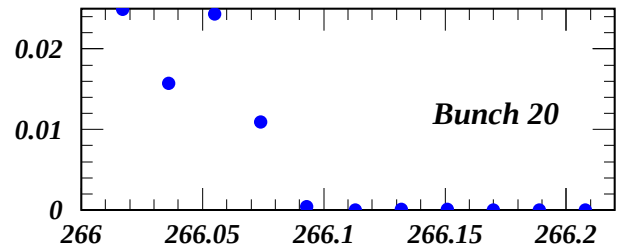
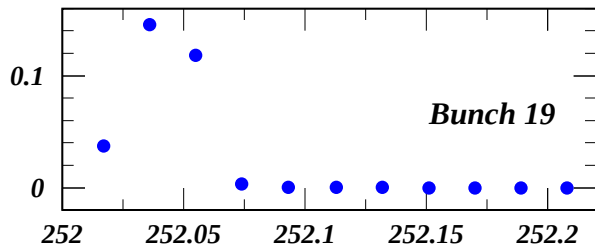
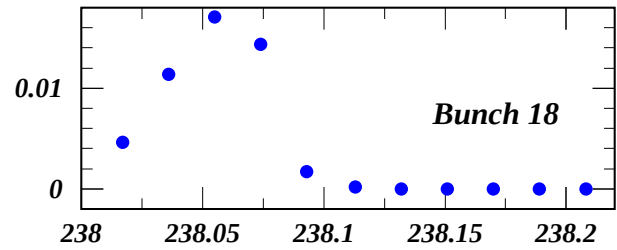
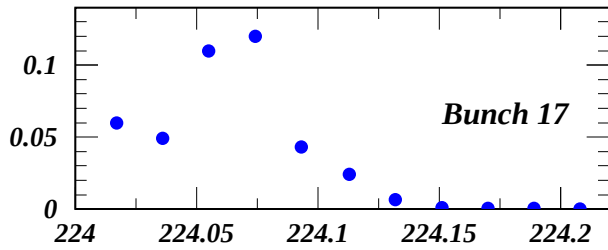
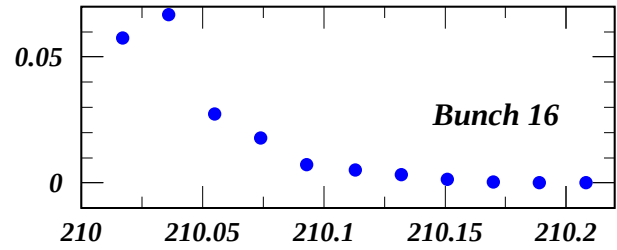
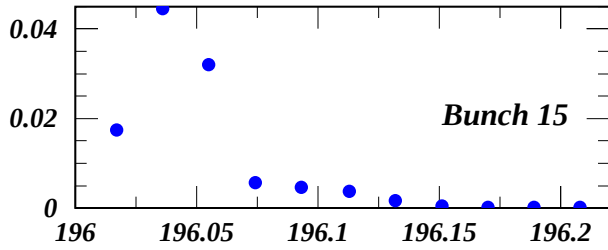
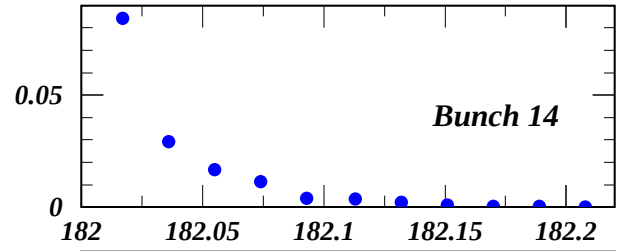
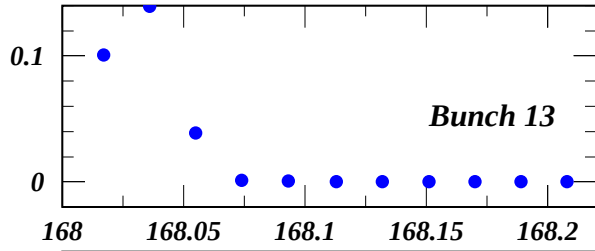
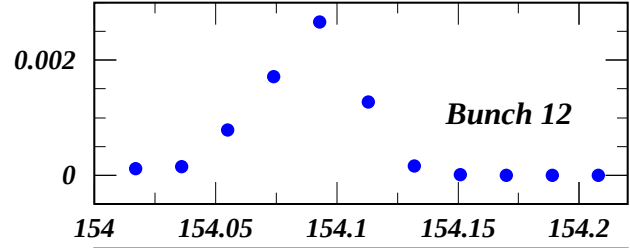
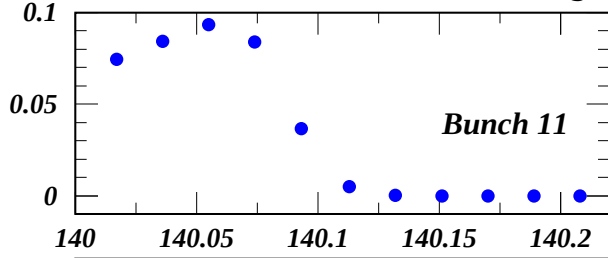
: 5σ Central Density (10^{11} m^{-3})



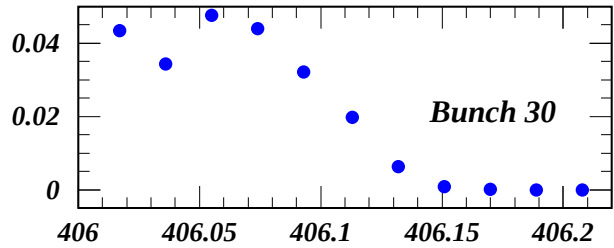
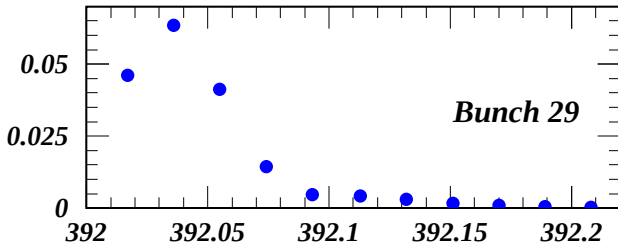
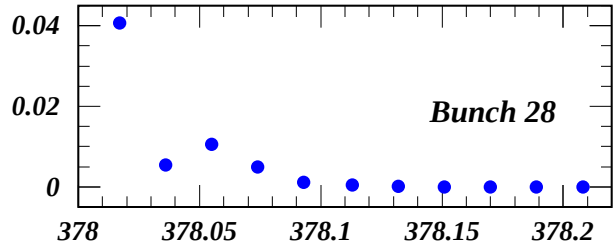
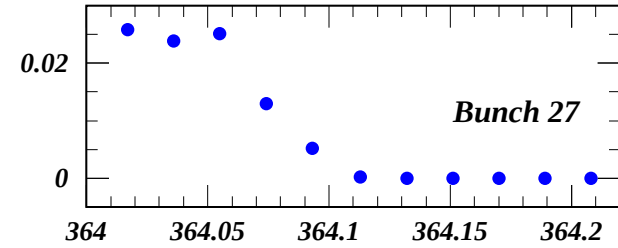
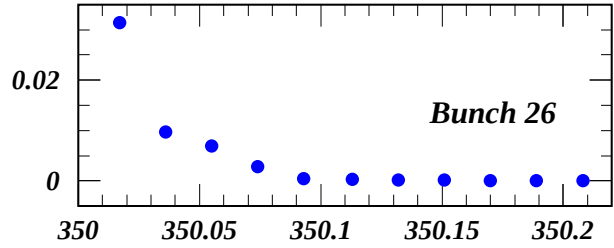
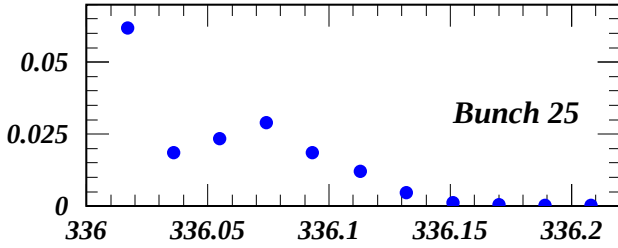
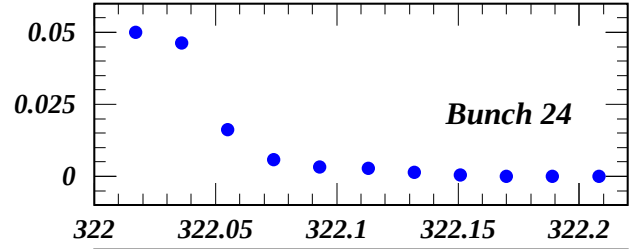
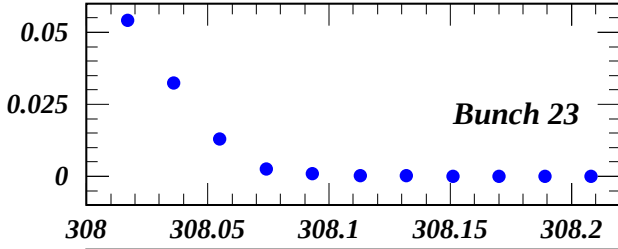
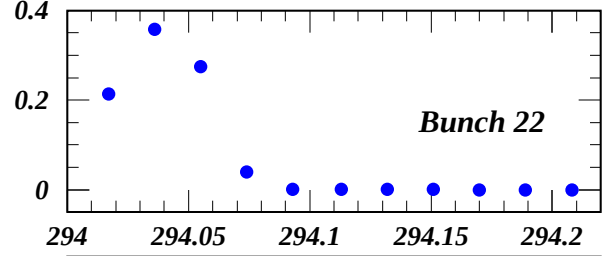
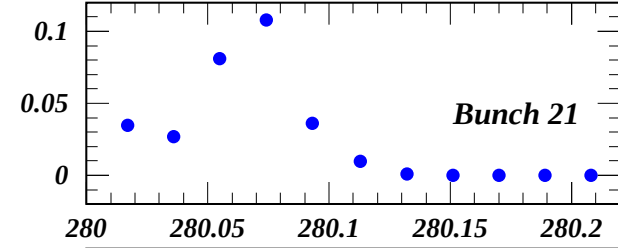
: Beam-weighted Density (10^{11} m^{-3})



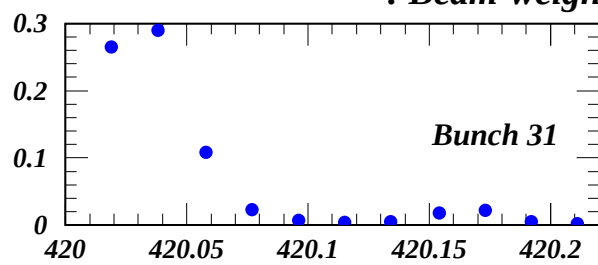
: Beam-weighted Density (10^{11} m^{-3})



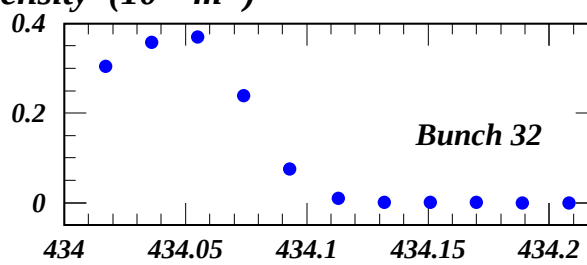
: Beam-weighted Density (10^{11} m^{-3})



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



Time (ns)



Time (ns)