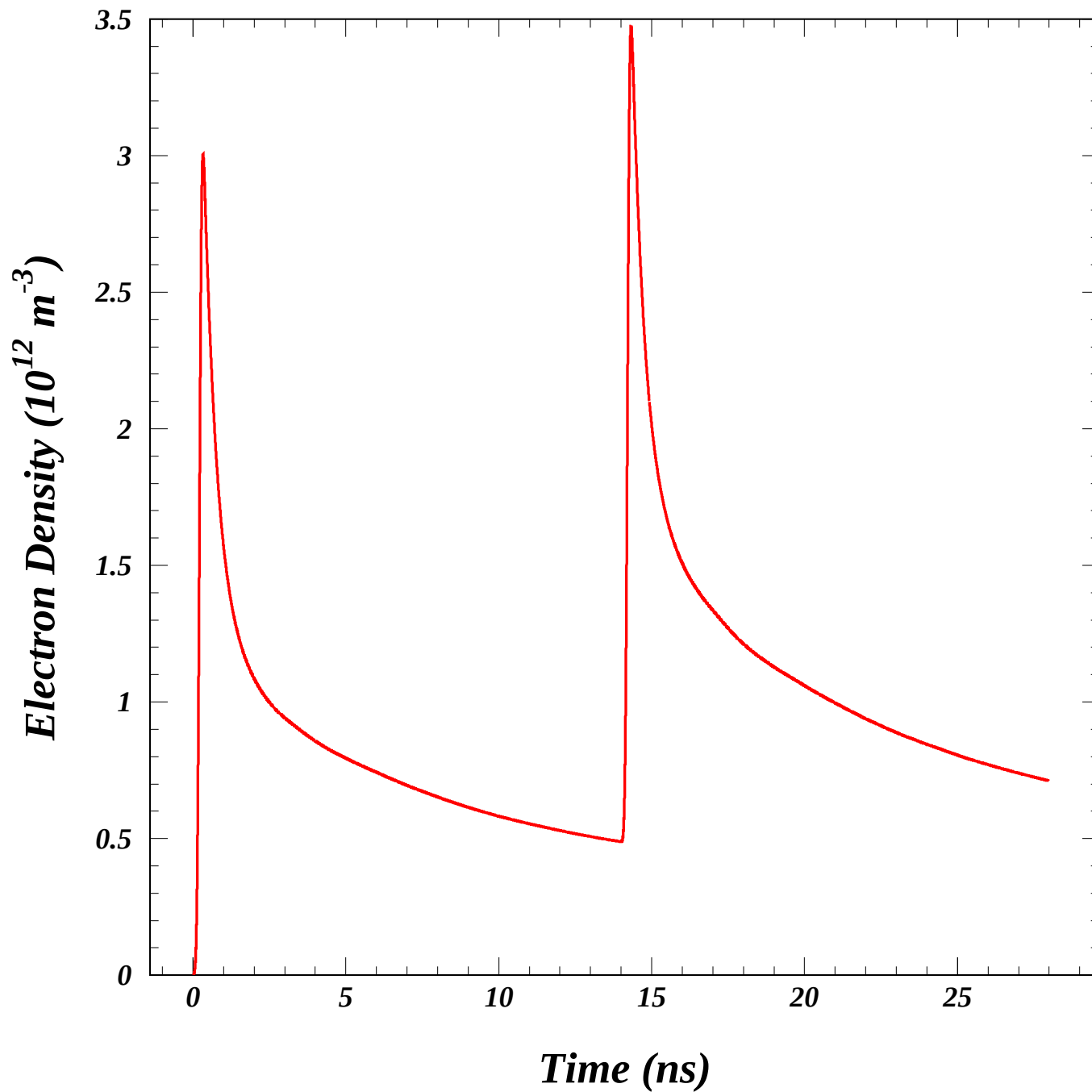
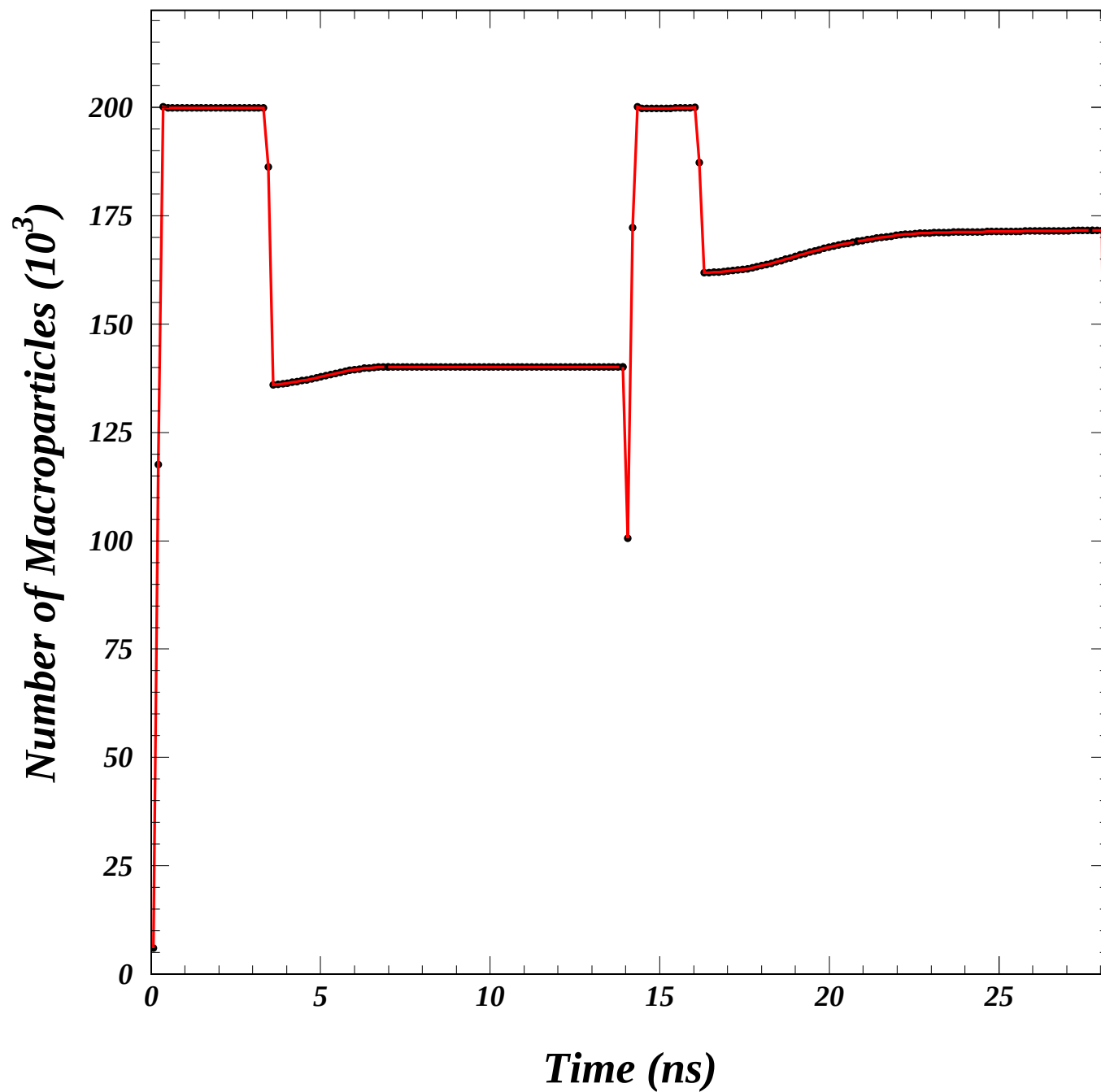
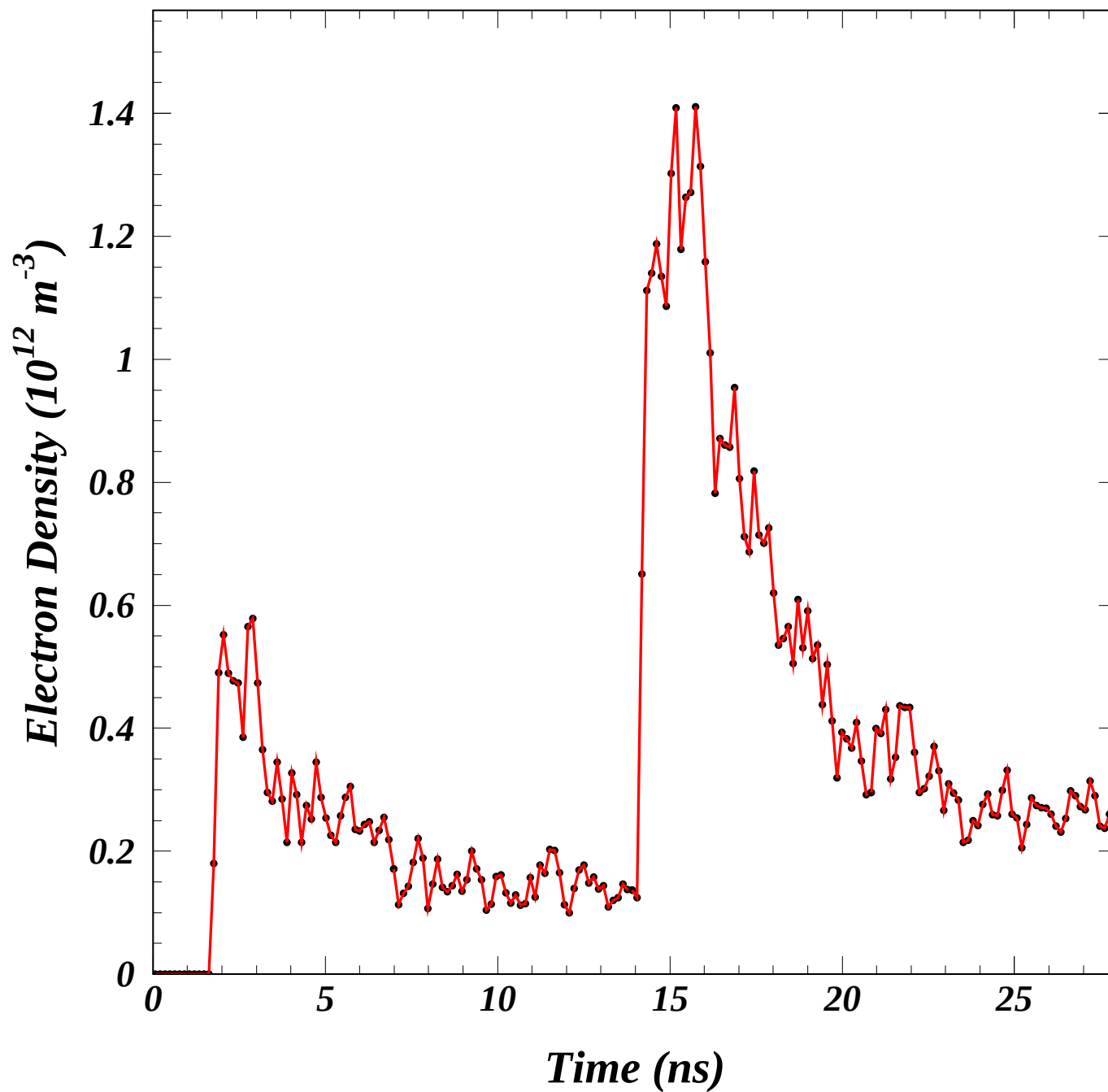


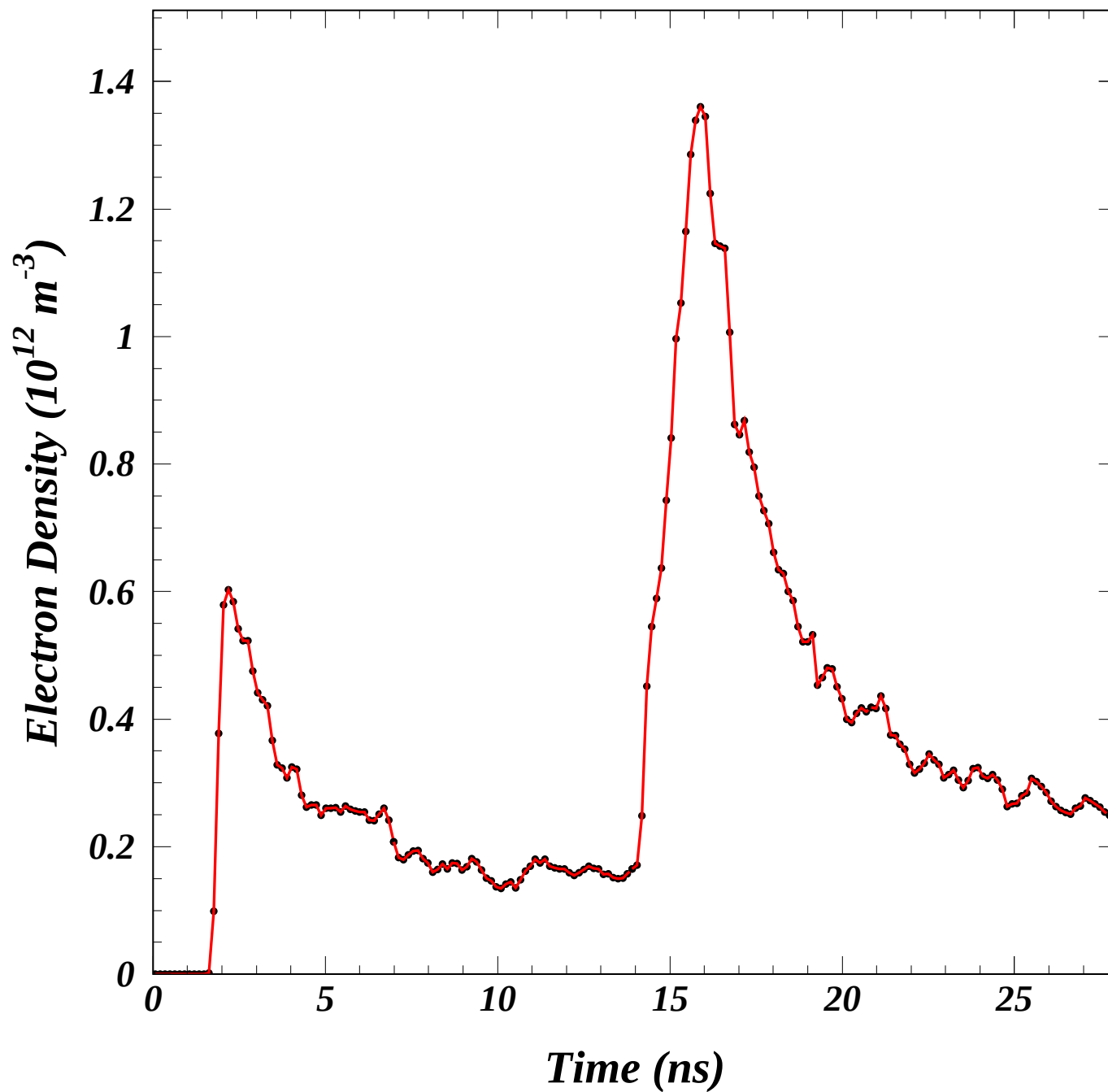
Beampipe-averaged Cloud Density (10^{12} m^{-3}) 10/04/07 11.50

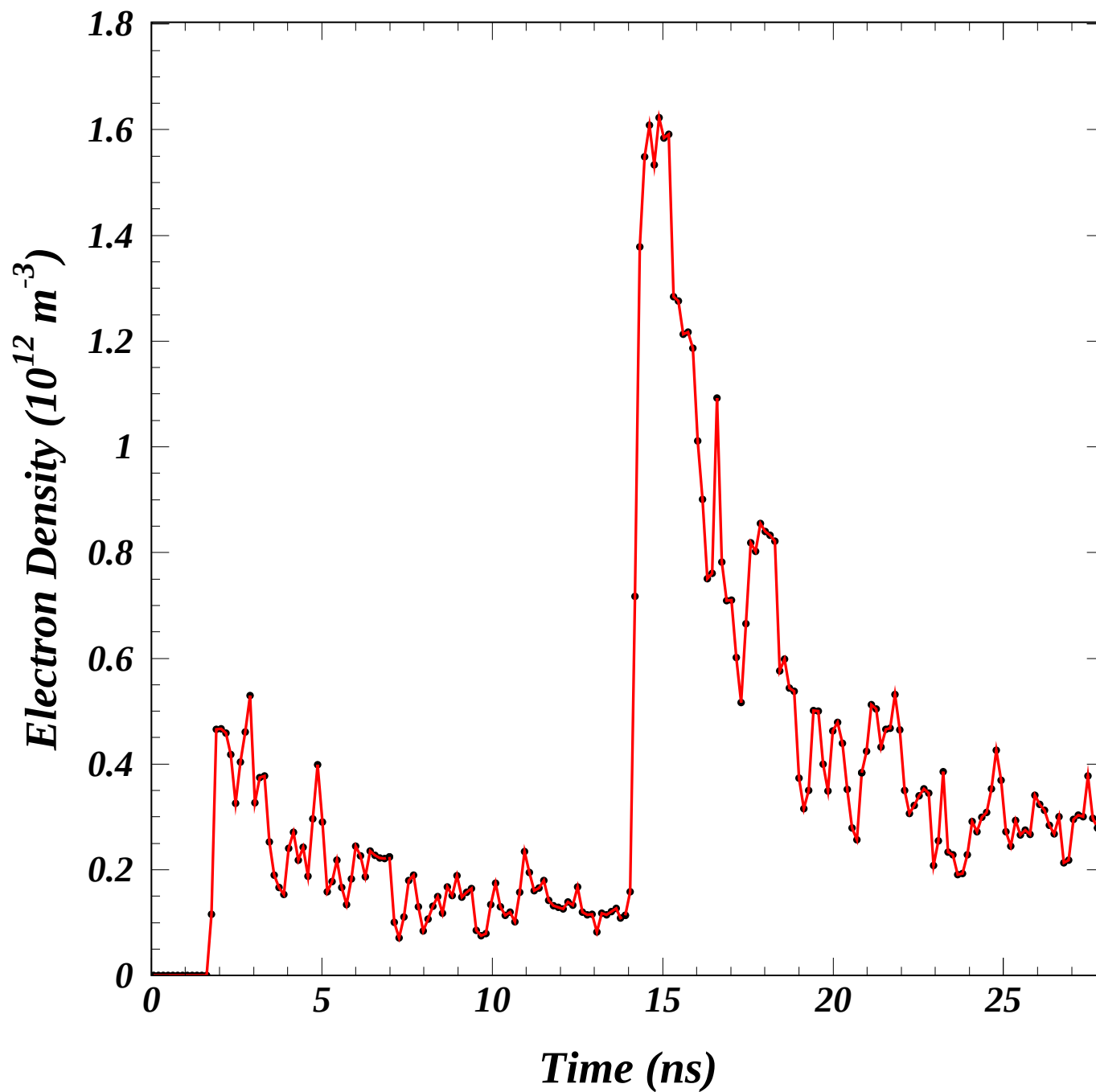


Macroparticle Statistics



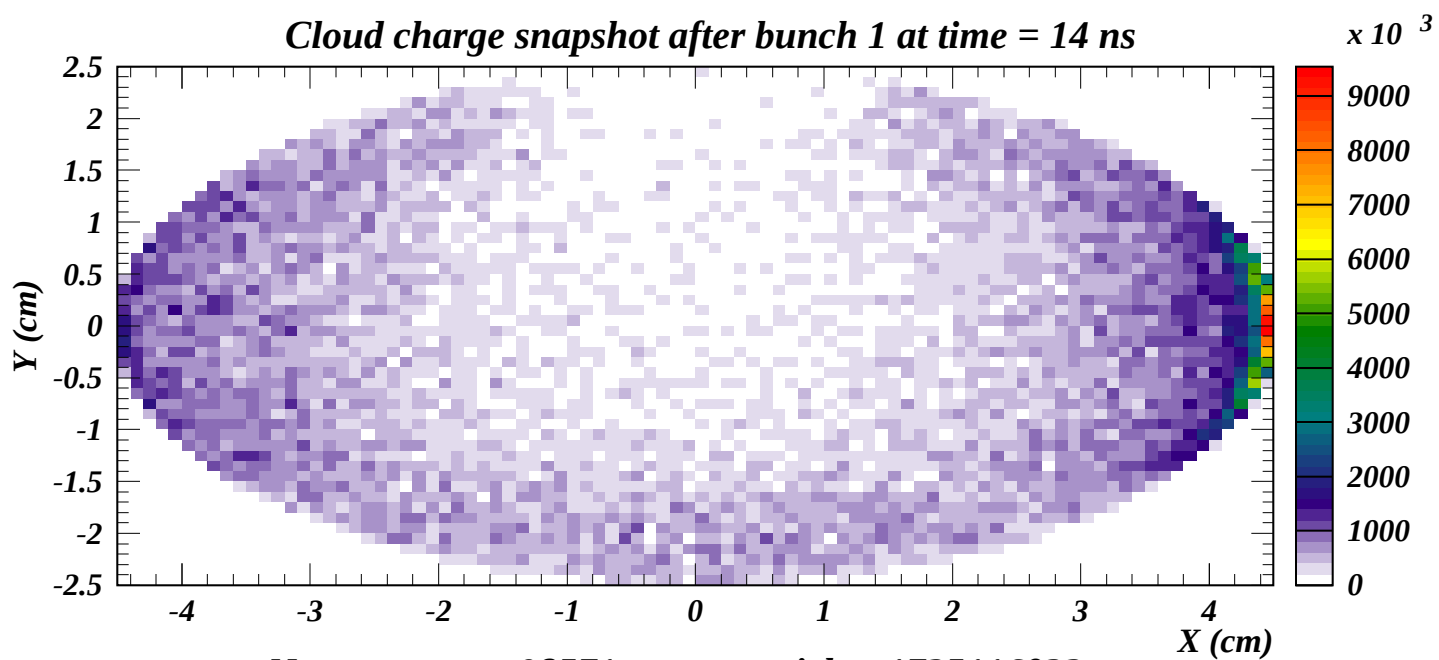
Beam-averaged Cloud Density (10^{12} m^{-3})

5-Sigma Cloud Density at Center of Pipe (10^{12} m^{-3})

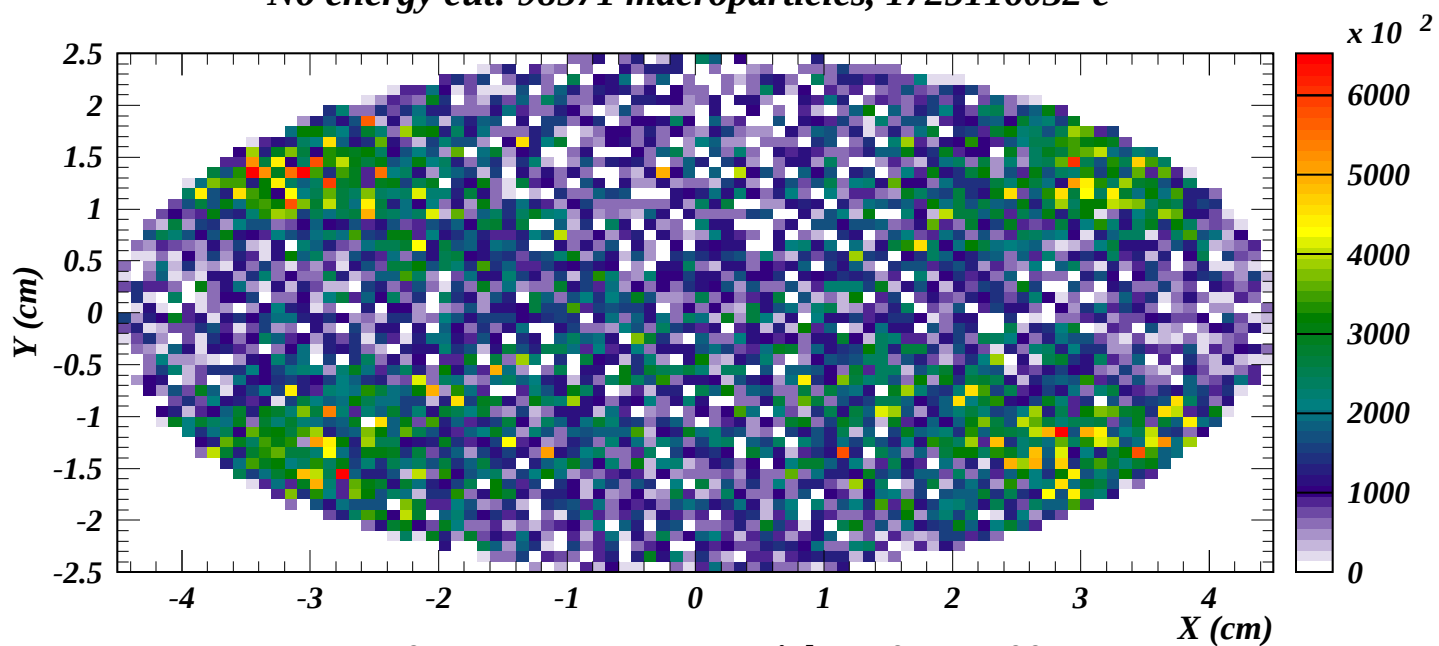
Job 15244: Cloud Density in Central Grid Cell (10^{12} m^{-3})

10/04/07 11.51

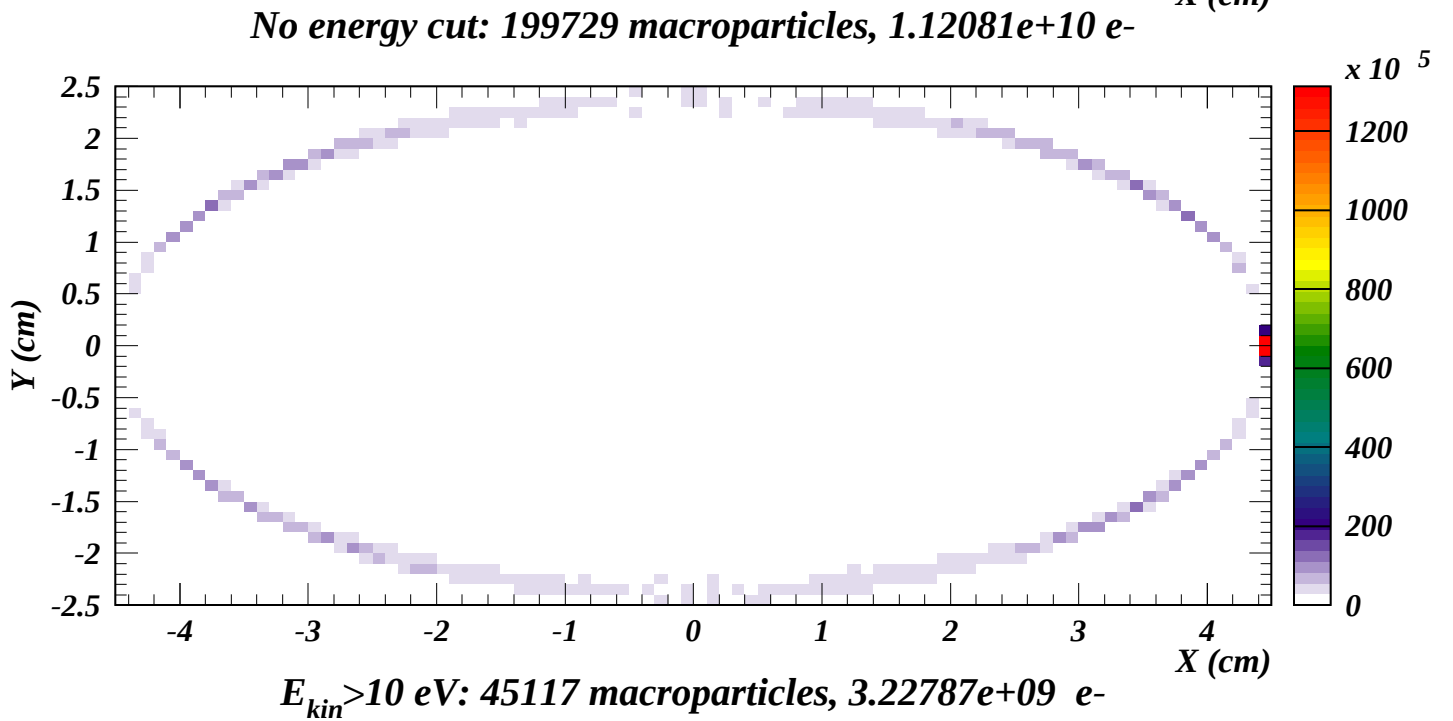
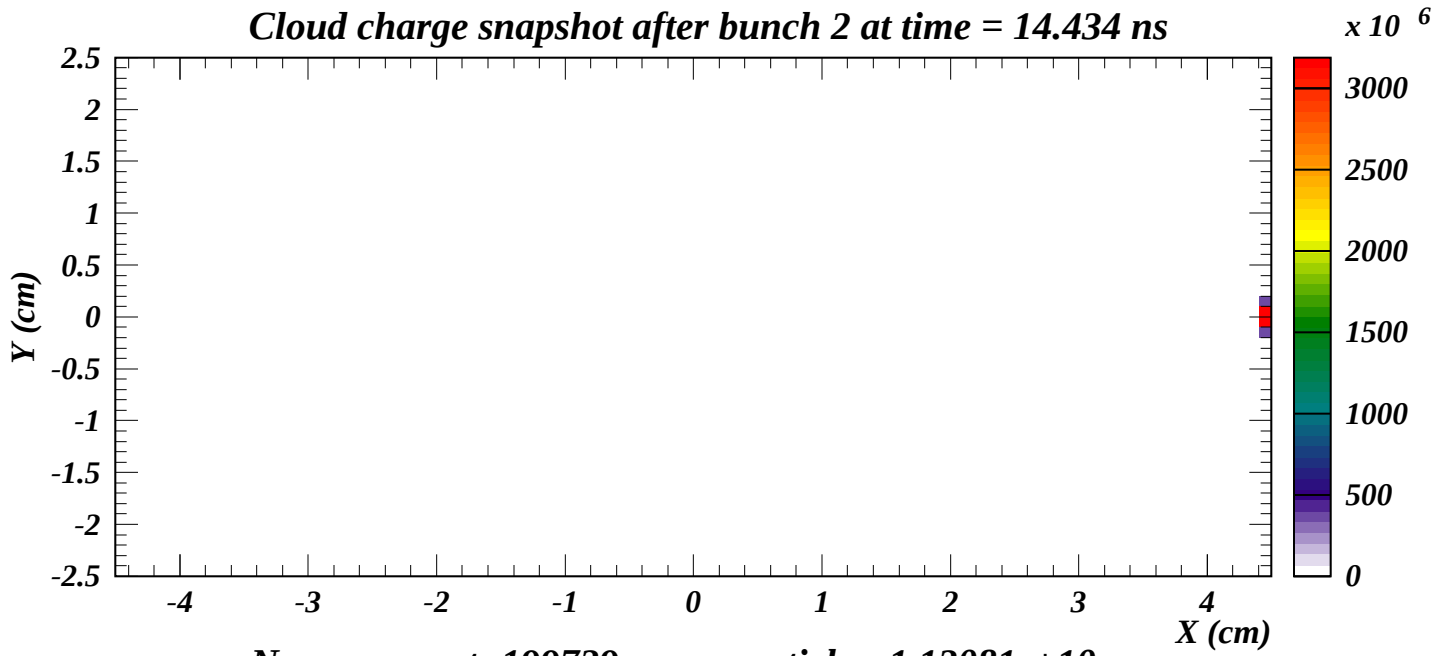
Cloud charge snapshot after bunch 1 at time = 14 ns

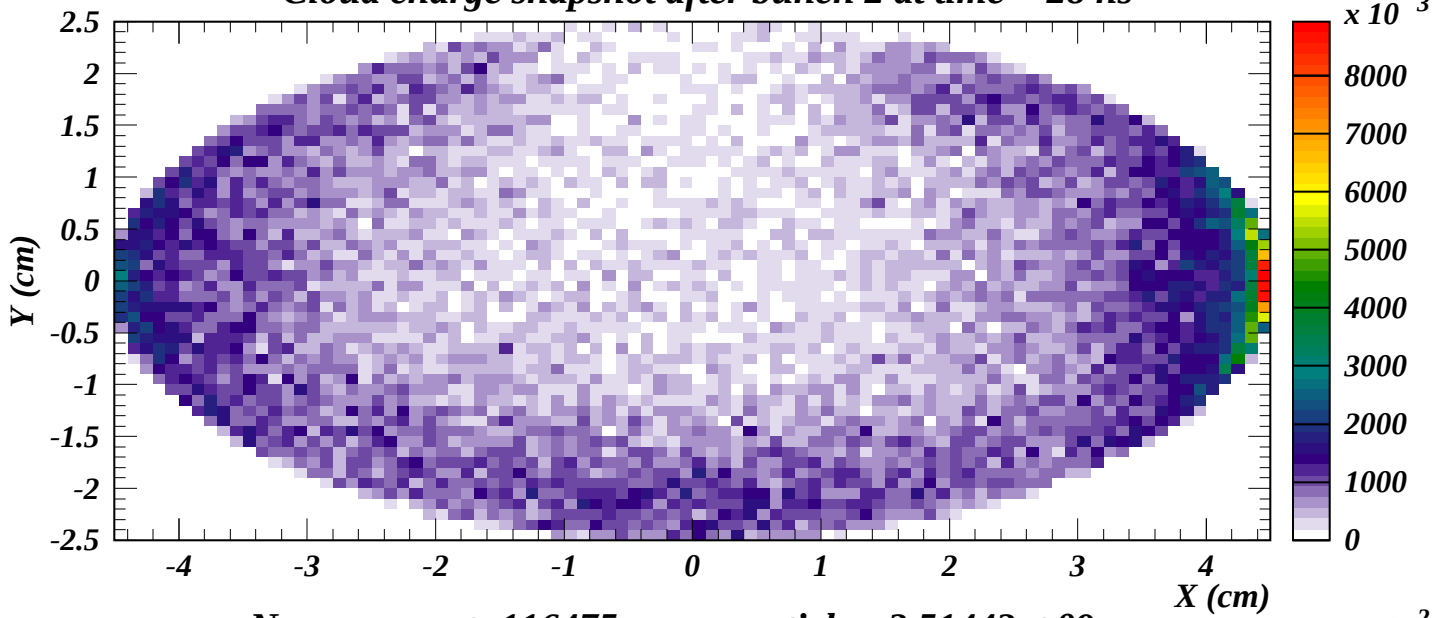
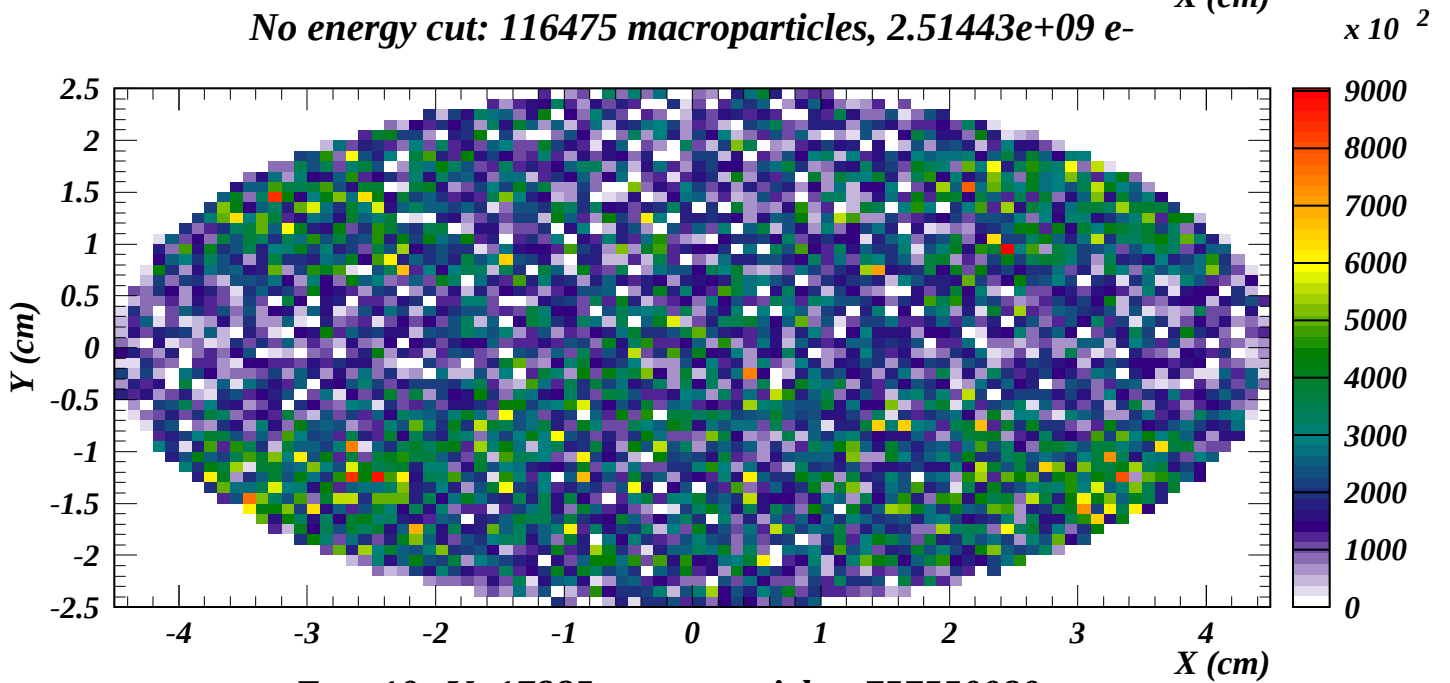


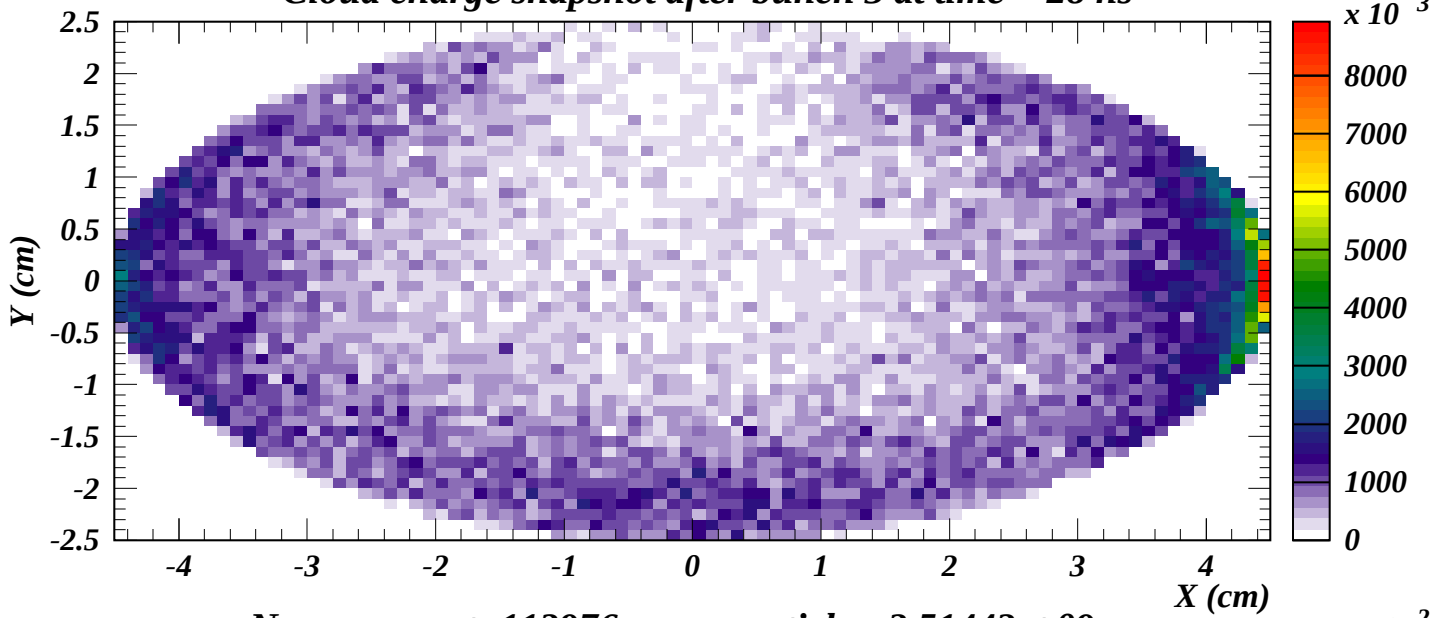
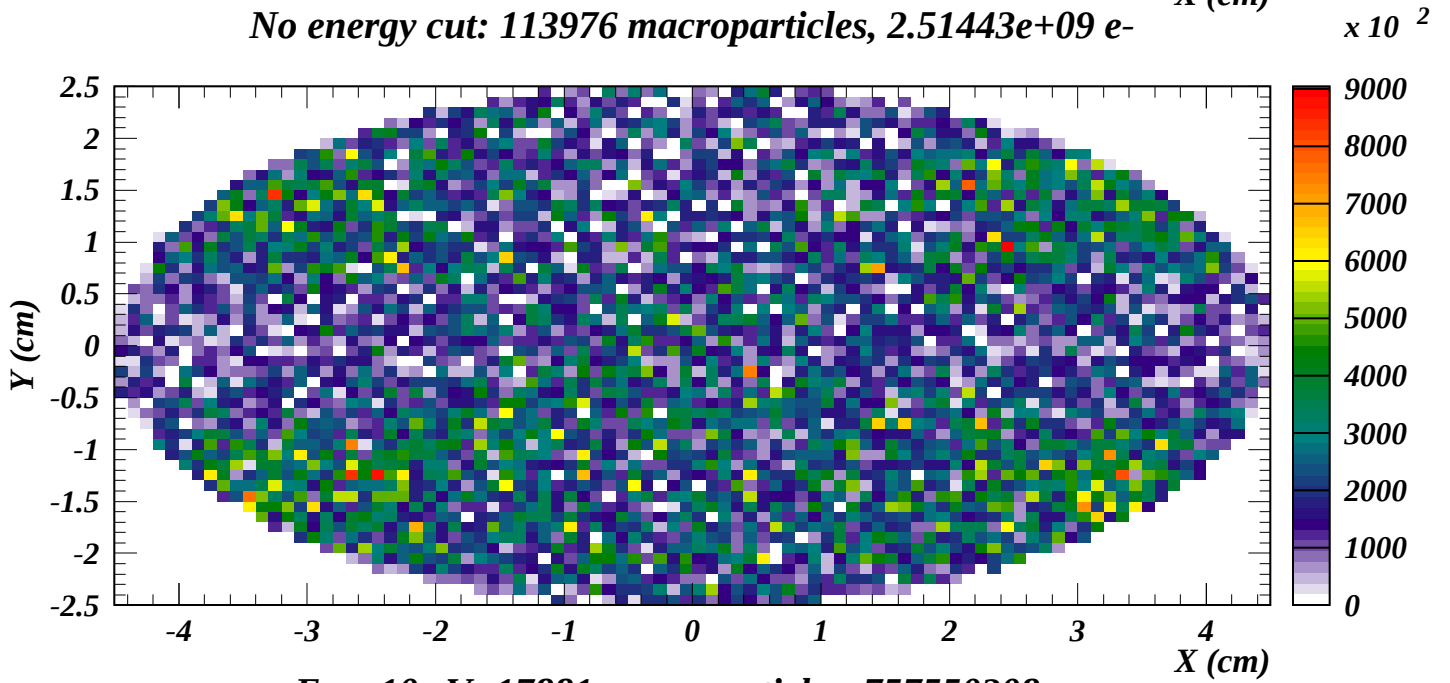
No energy cut: 98571 macroparticles, 1725116032 e-

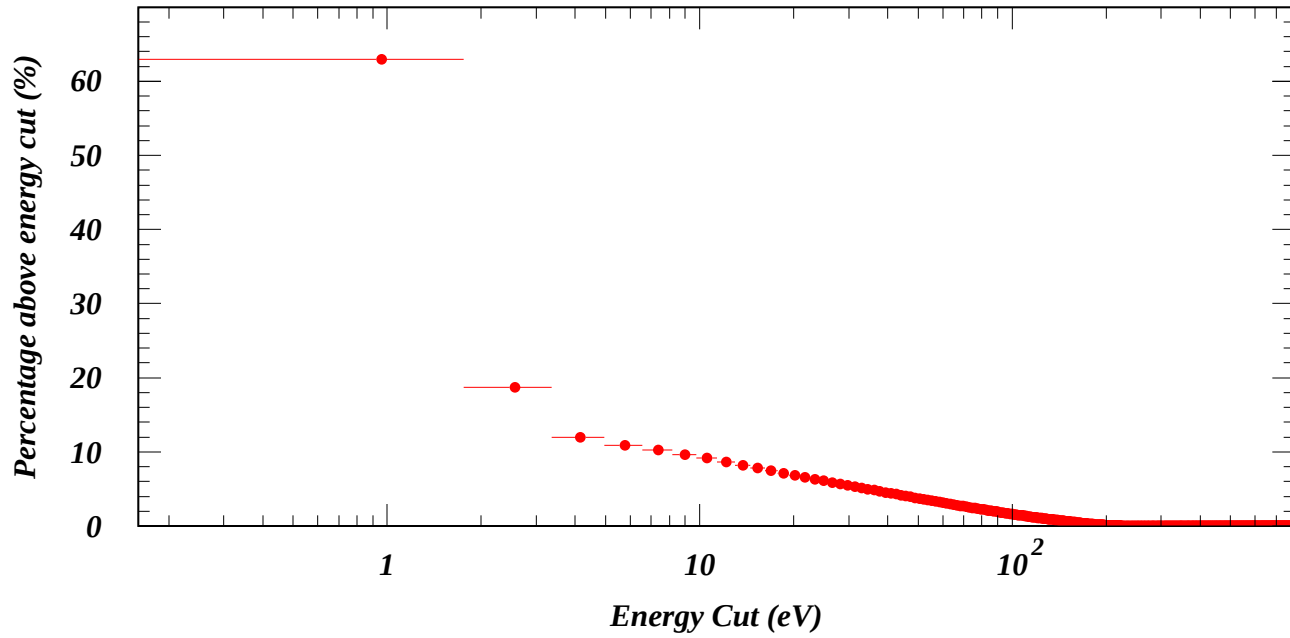
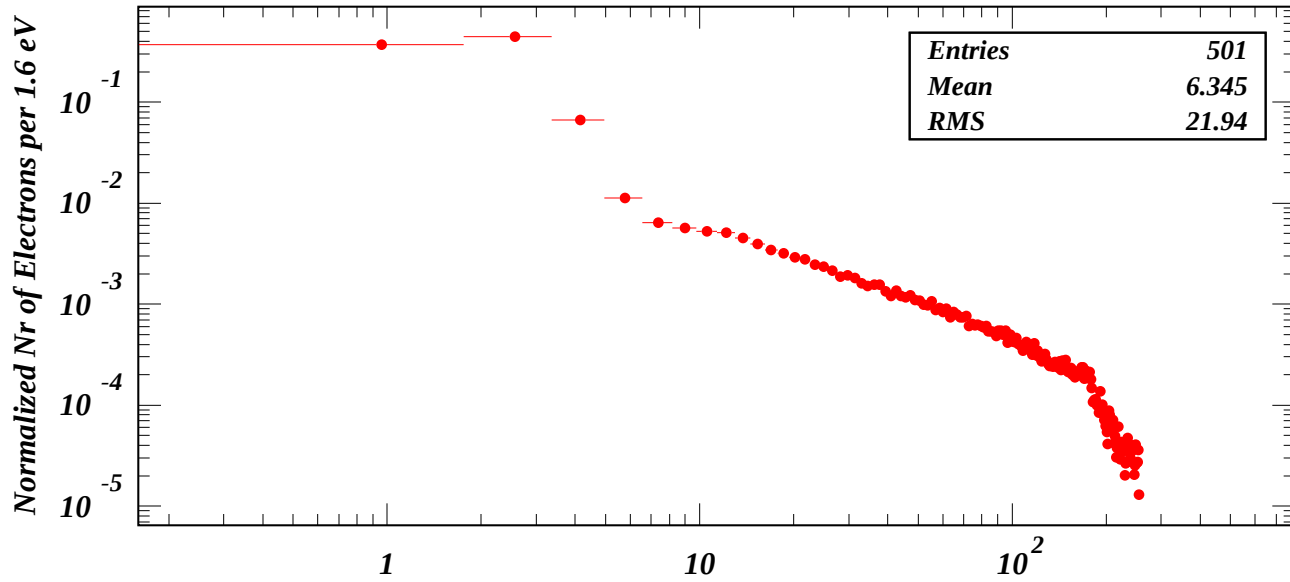


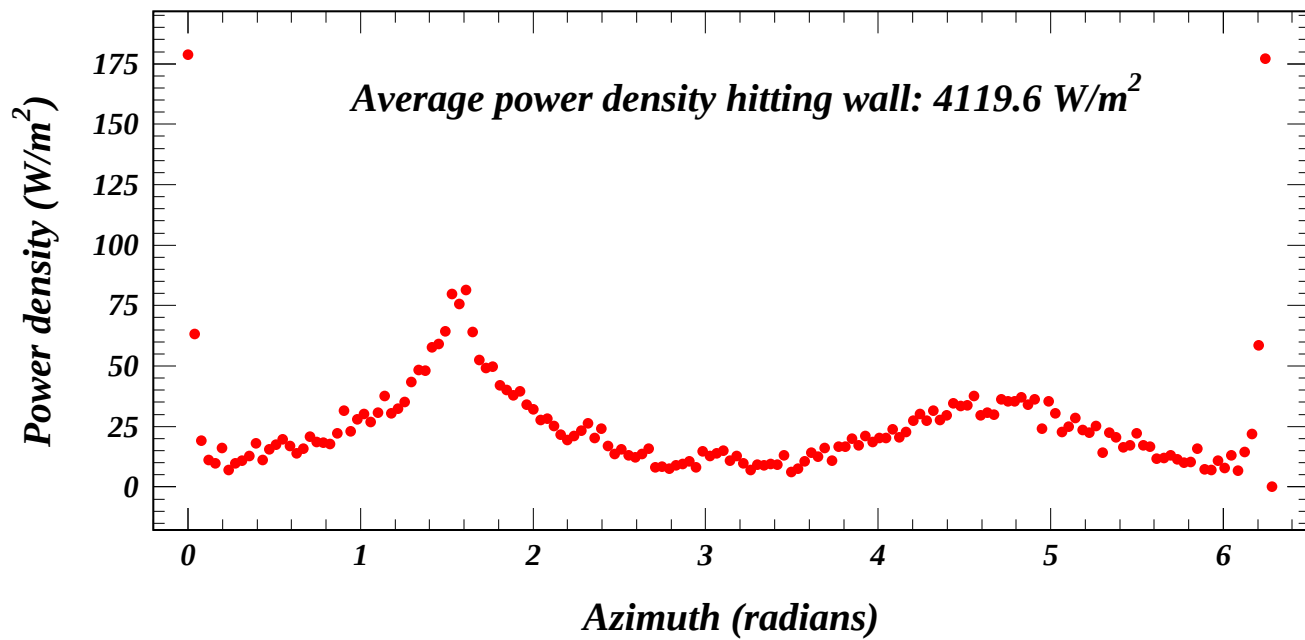
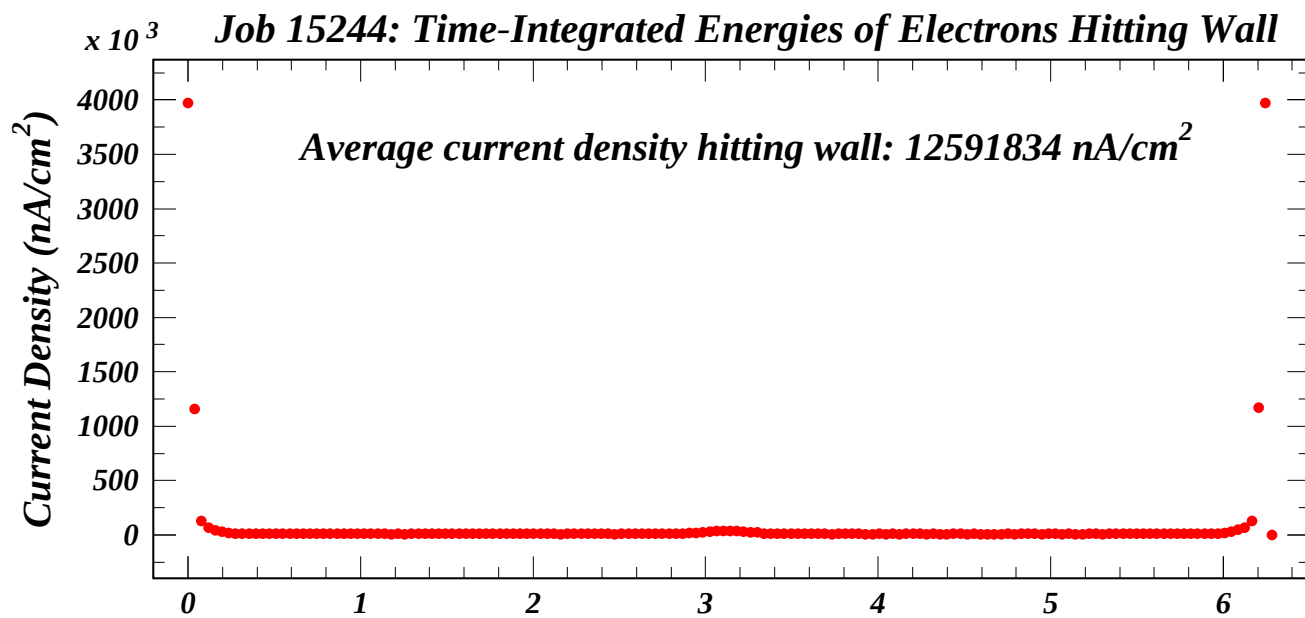
$E_{kin} > 10 \text{ eV}$: 13299 macroparticles, 509261600 e-

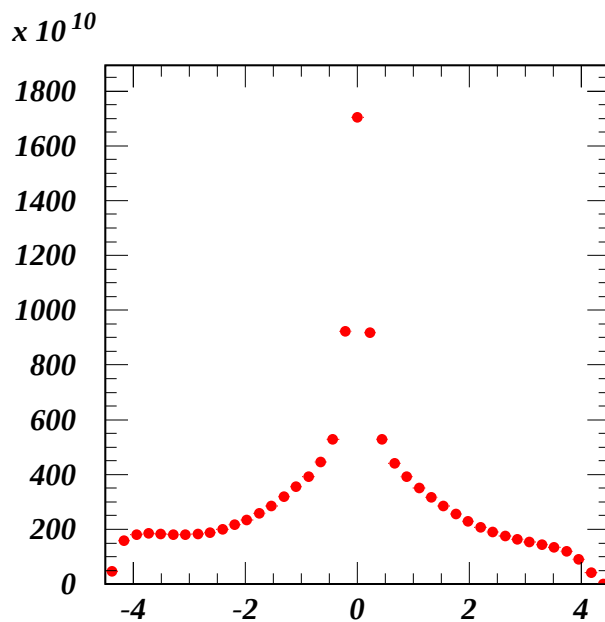
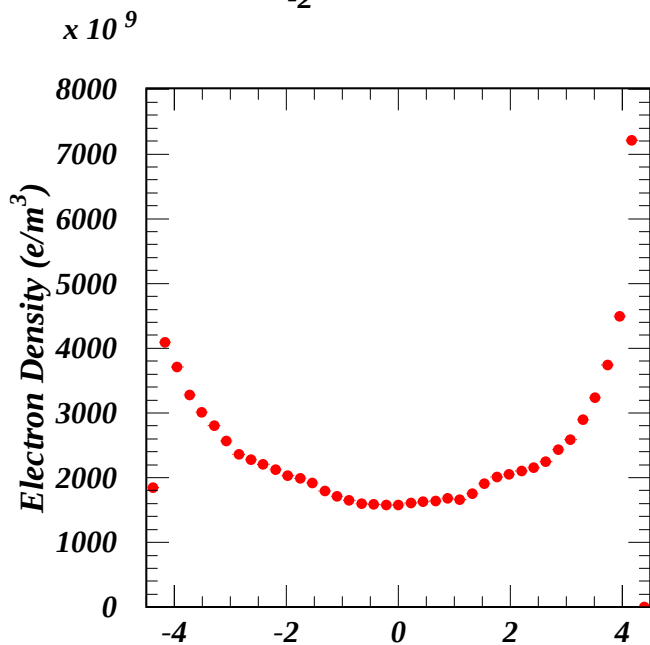
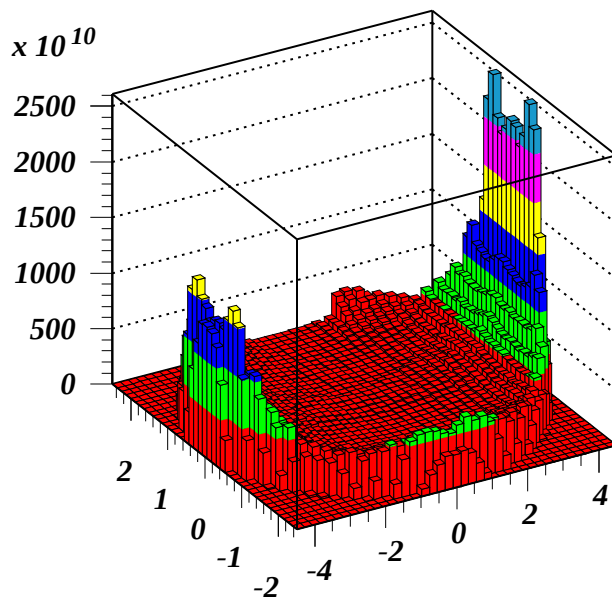
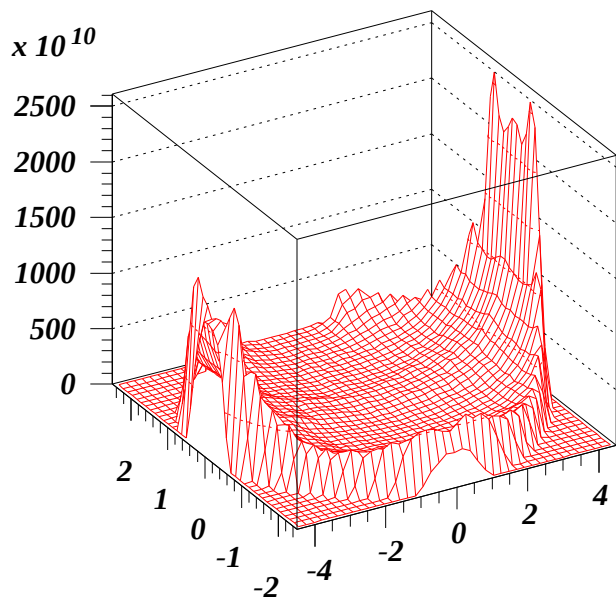


Cloud charge snapshot after bunch 2 at time = 28 ns*No energy cut: 116475 macroparticles, 2.51443e+09 e-* *$E_{kin} > 10$ eV: 17885 macroparticles, 757550080 e-*

Cloud charge snapshot after bunch 3 at time = 28 ns*No energy cut: 113976 macroparticles, 2.51443e+09 e-* *$E_{kin} > 10$ eV: 17881 macroparticles, 757550208 e-*

Job 15244: Time-Integrated Energies of Electrons Hitting Wall



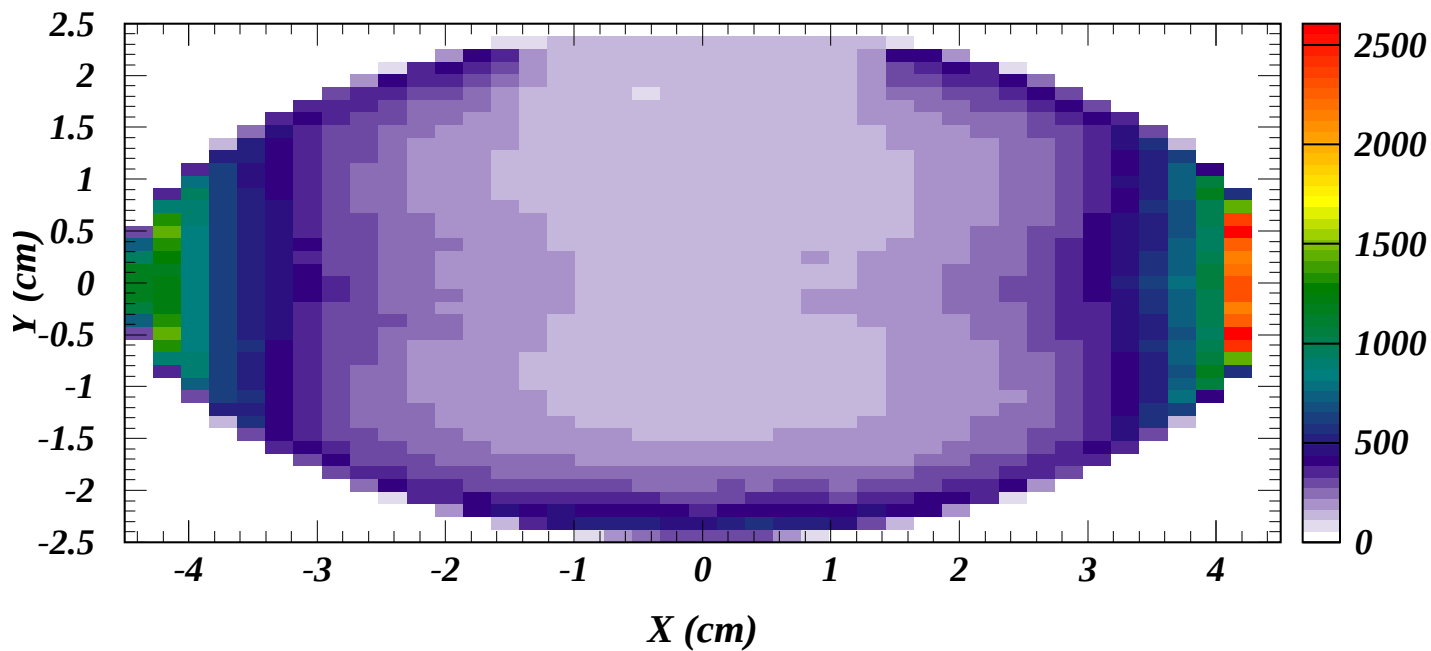
Job 15244: Cloud Density (e/m^3) Averaged Over 28 ns

Projection on X (cm)

Projection on Y (cm)

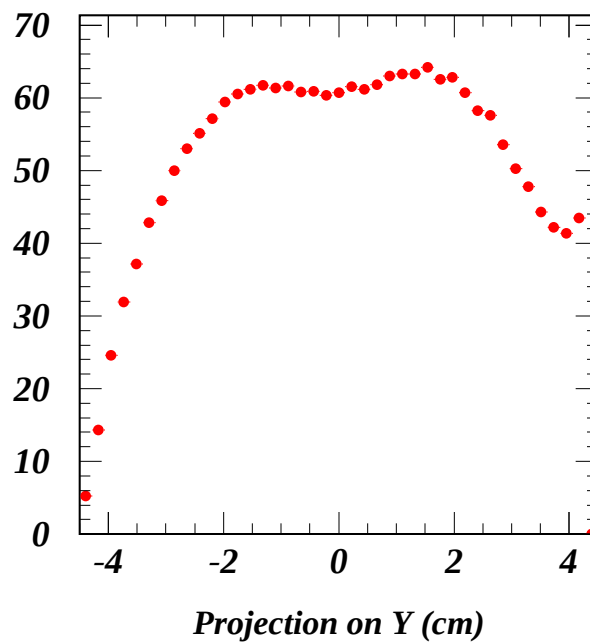
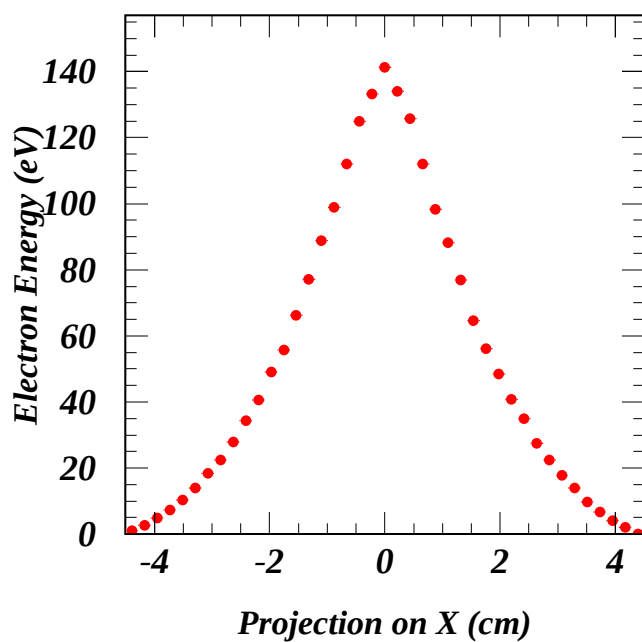
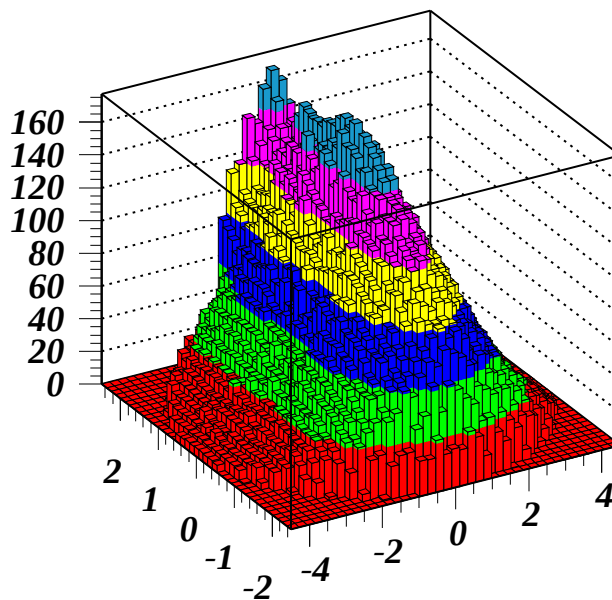
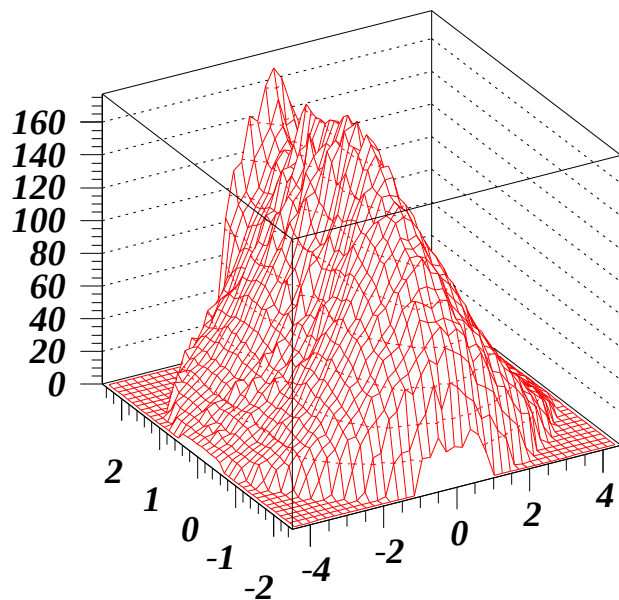
Job 15244: Cloud Density (e/m^3) Averaged Over 28 ns

10/04/07 11.51
 $\times 10^{10}$



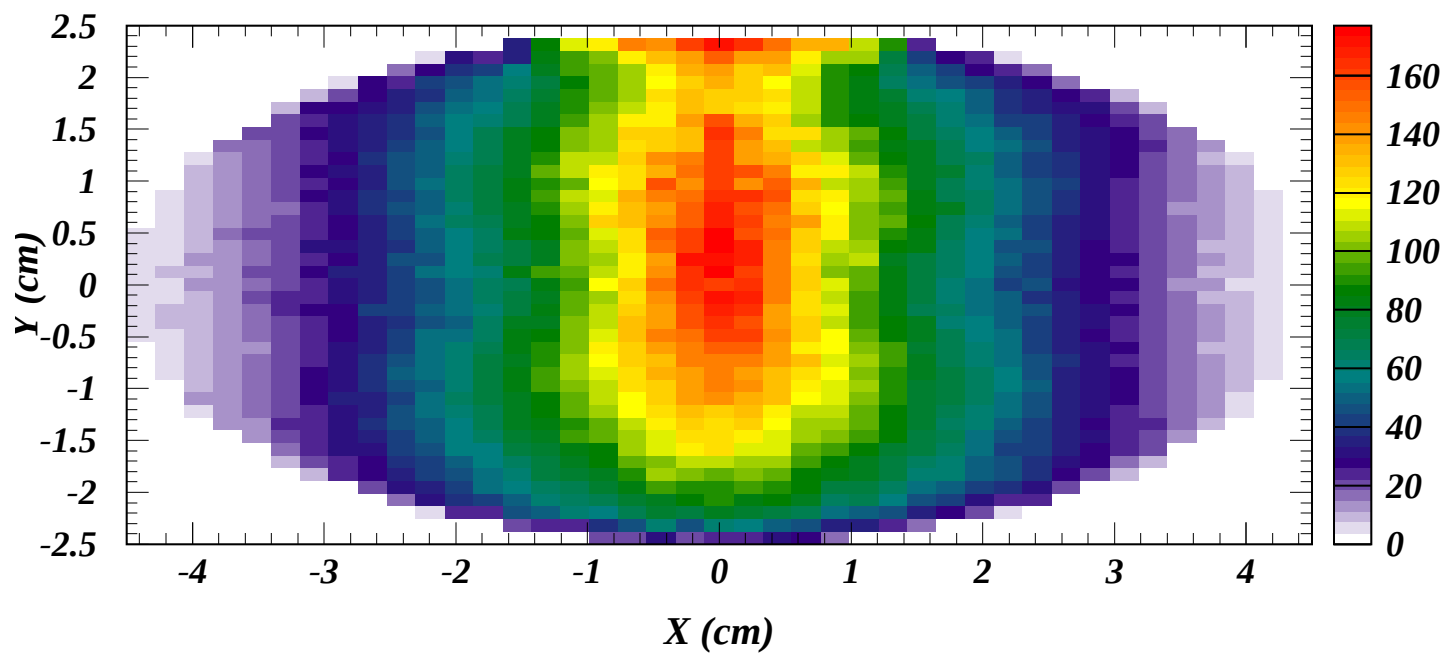
10/04/07 11.51

Job 15244: Electron Energies (eV) Averaged Over 28 ns

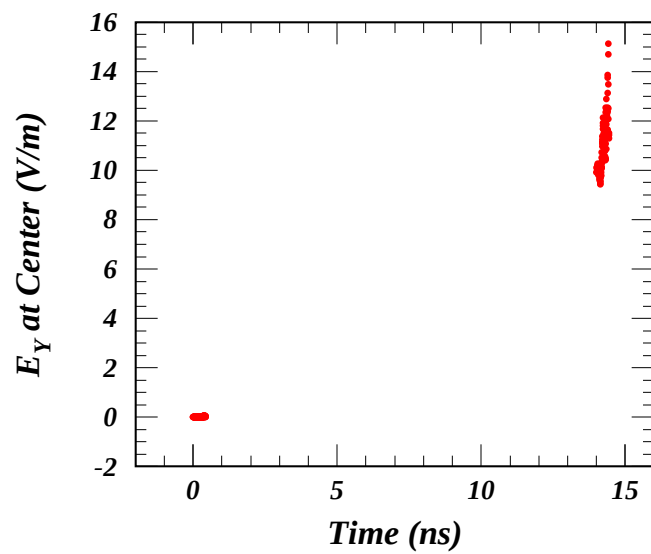
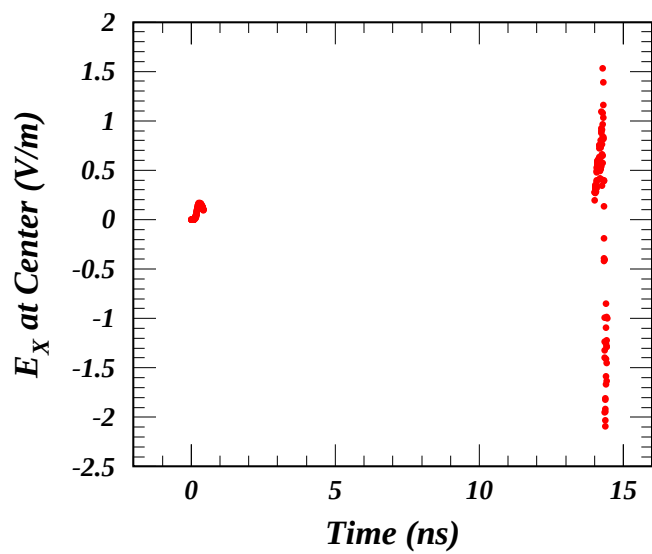


10/04/07 11.51

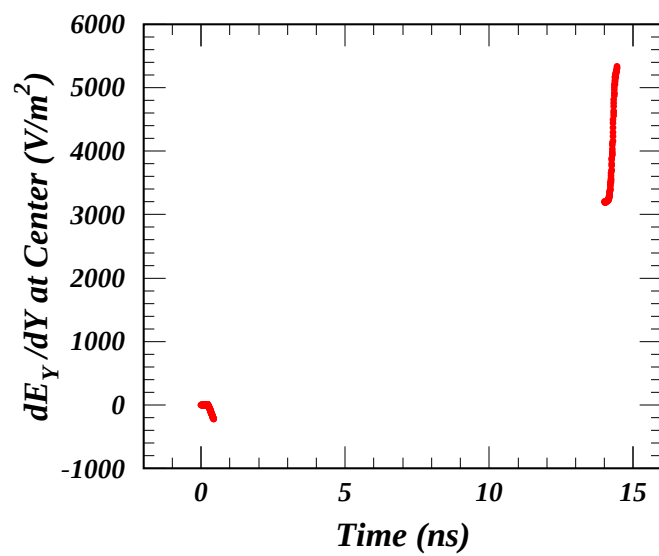
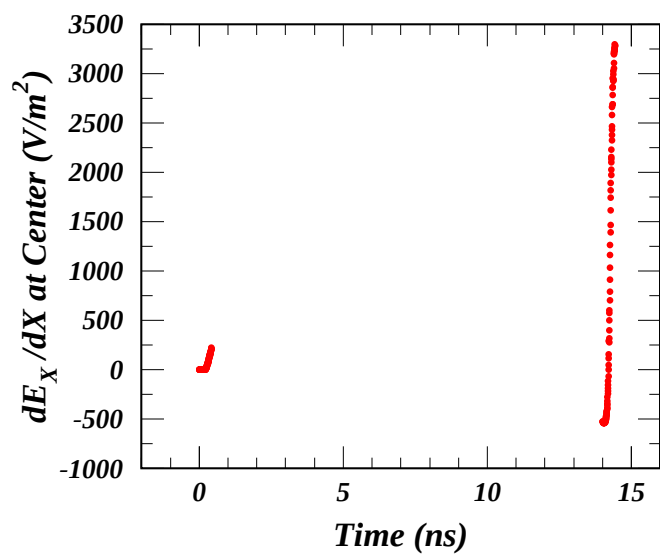
Job 15244: Electron Energies (eV) Averaged Over 28 ns



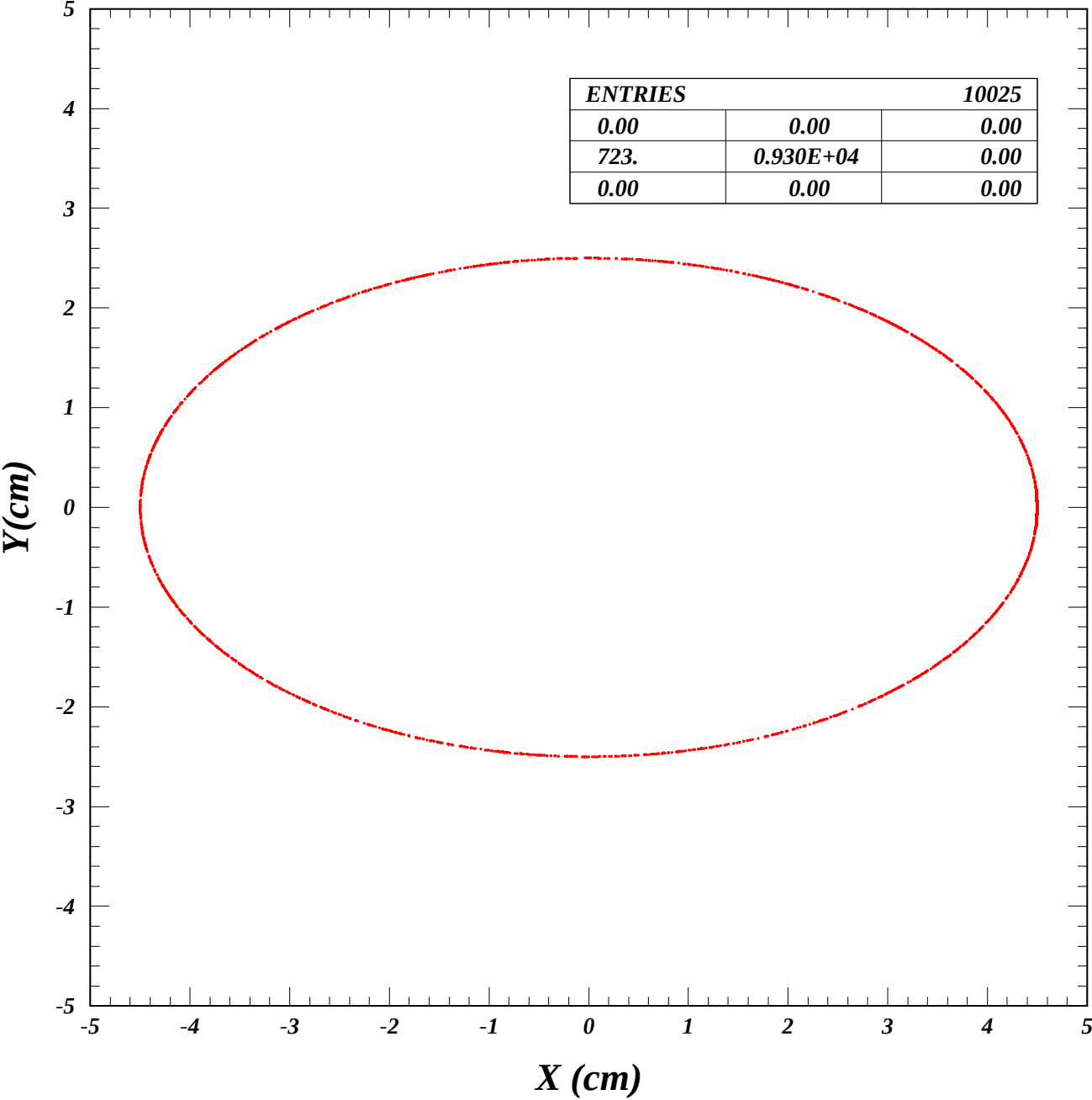
Job 15244: Electric Field at Beam



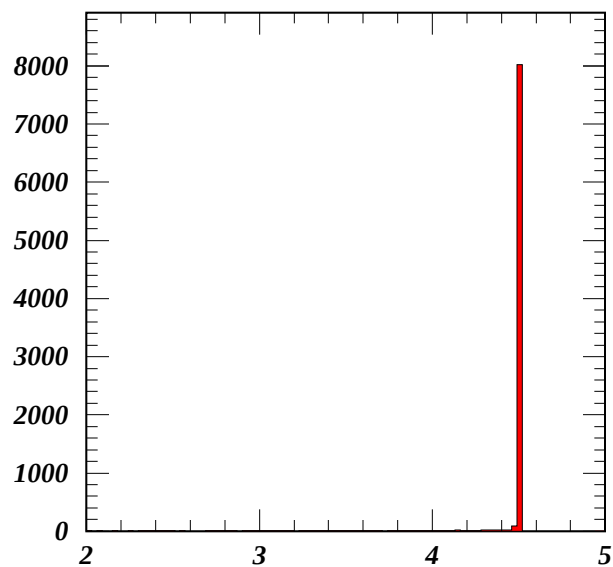
Job 15244 *Electric Field Gradients at Beam*



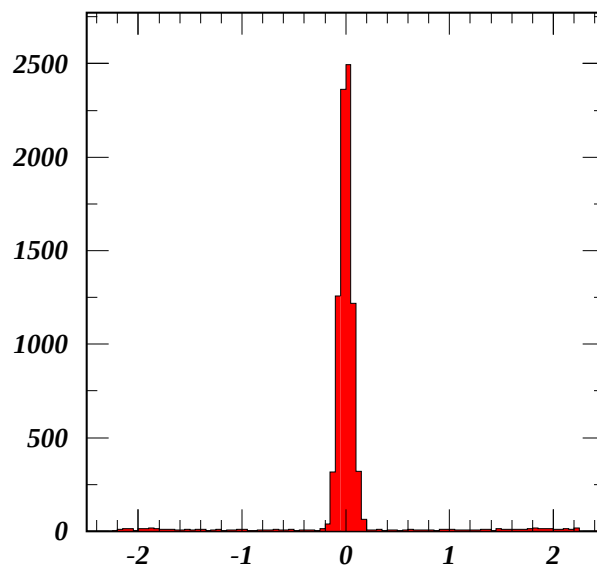
Job 15244: Primary Photoelectrons



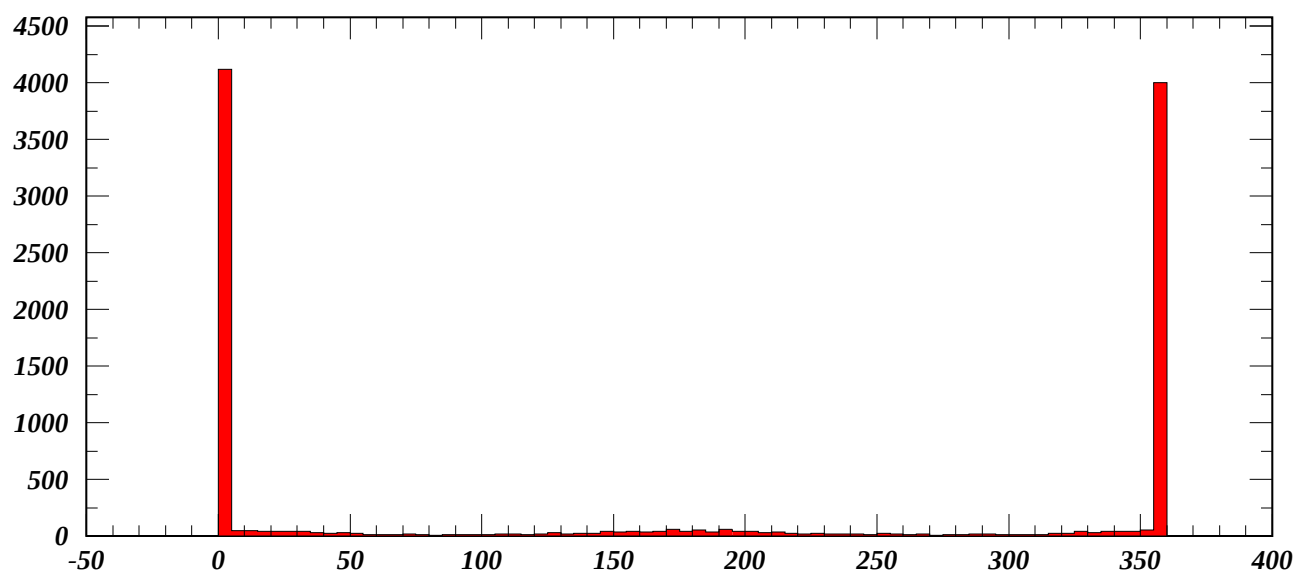
Job 15244: Primary Photoelectrons



X (cm)



Y (cm) for X2CM



ϕ (degrees)