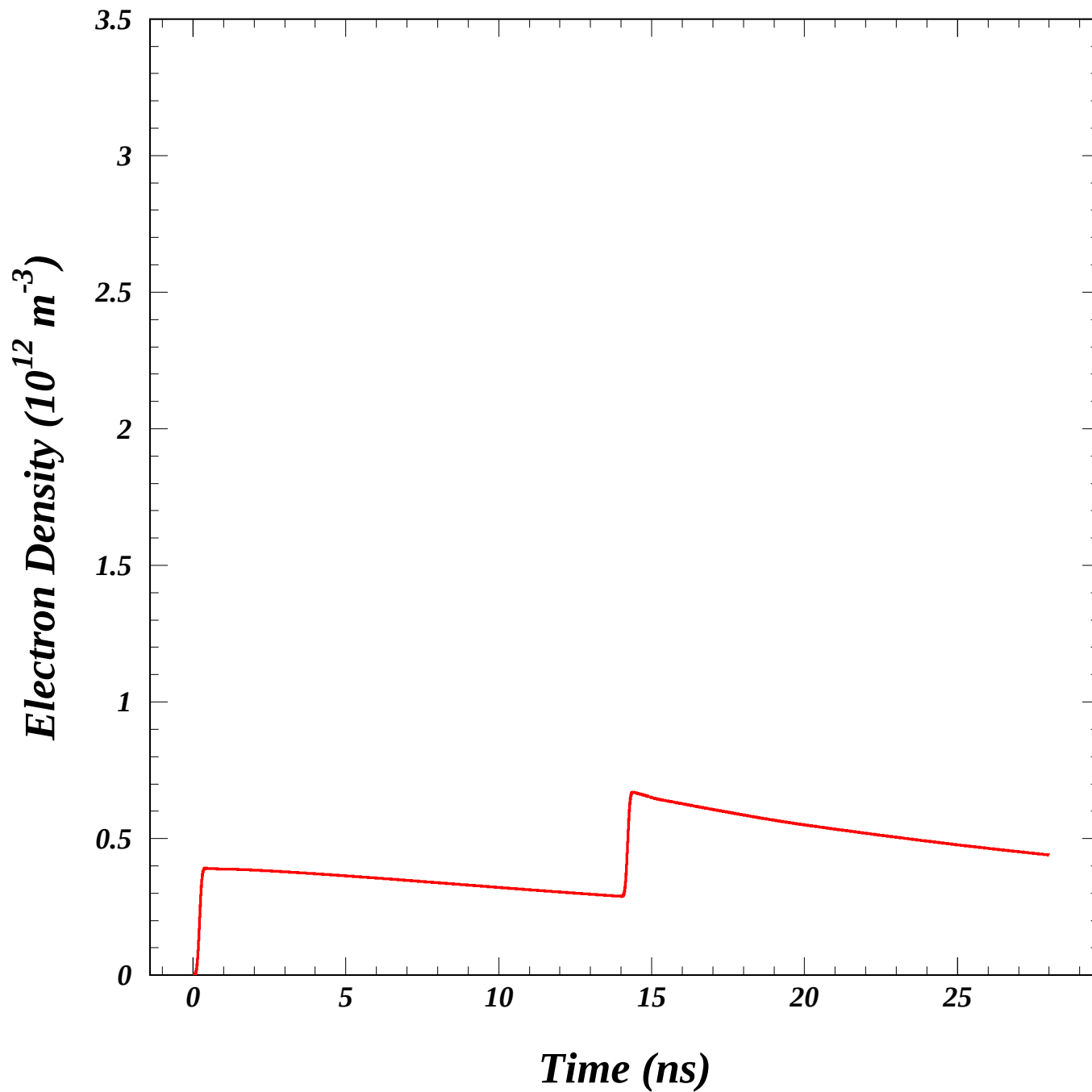
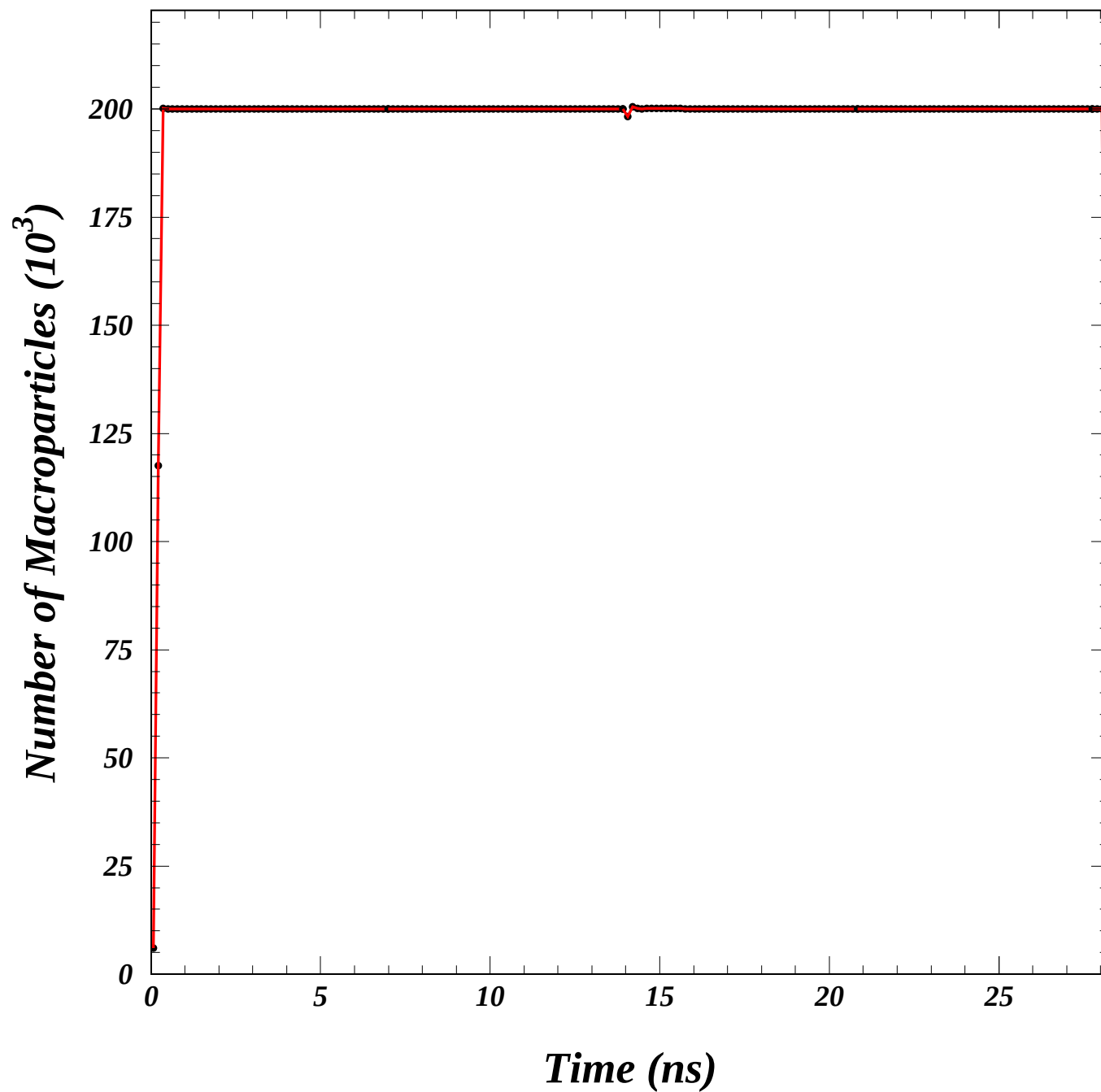
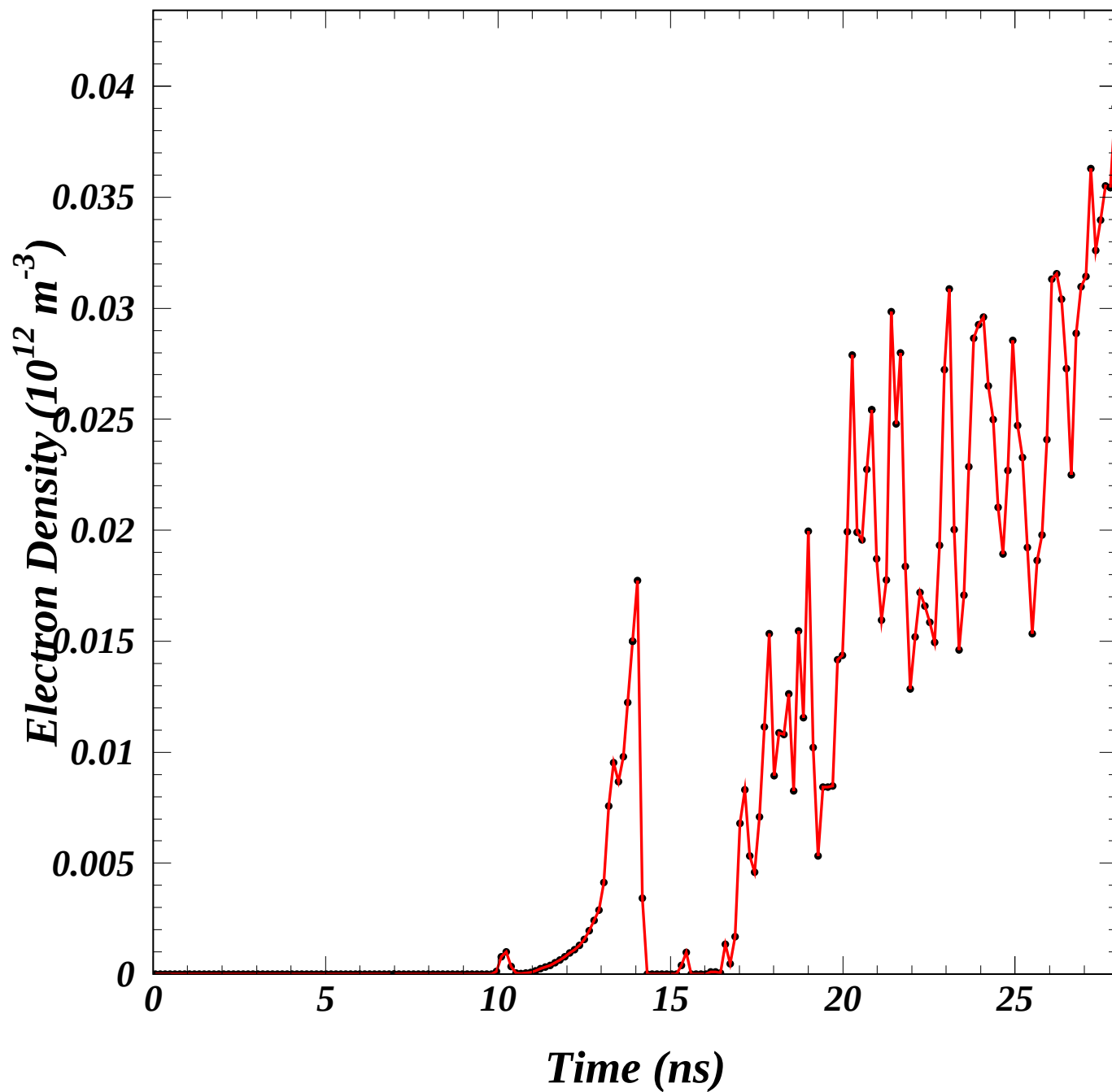


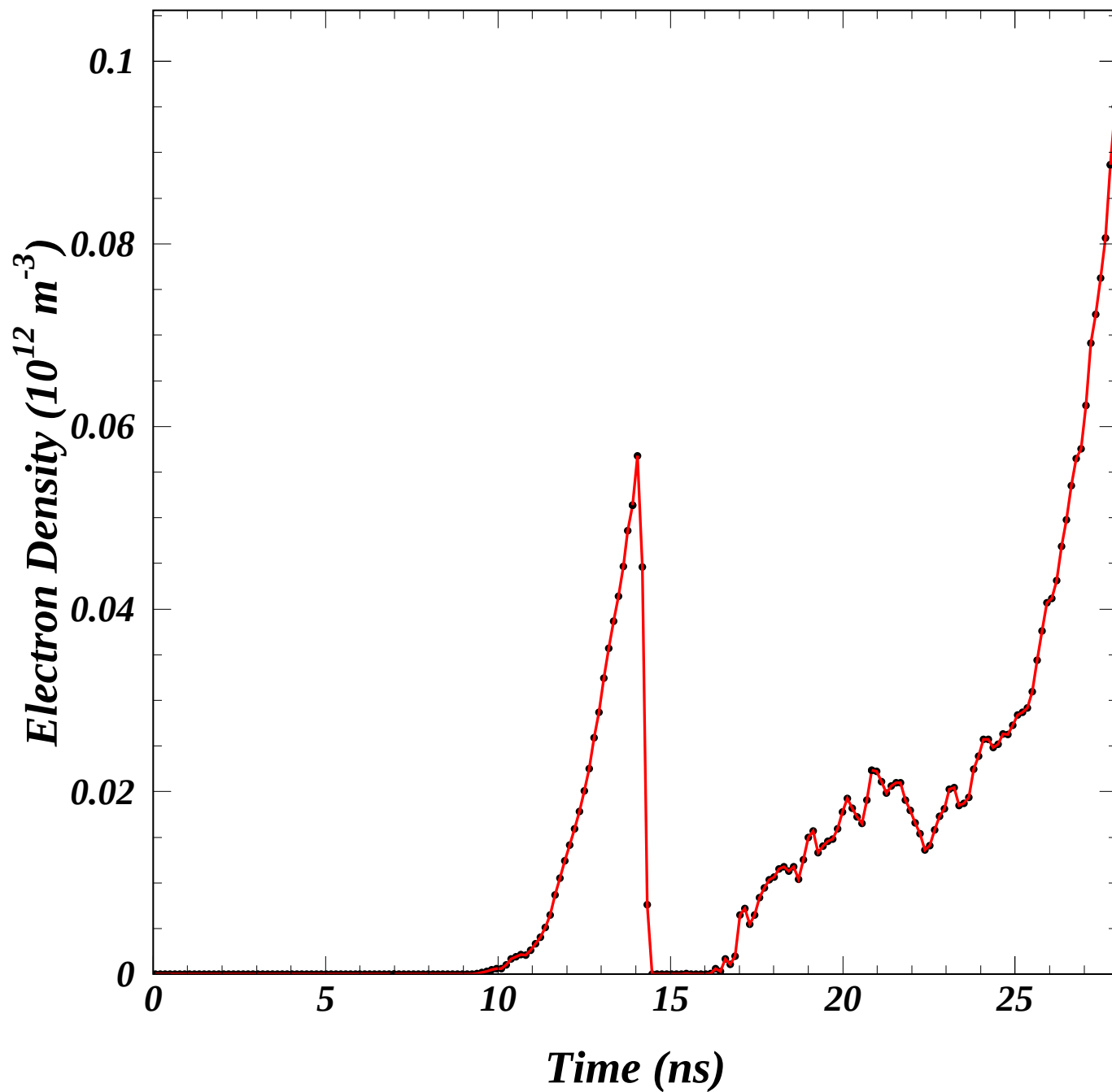
Beampipe-averaged Cloud Density (10^{12} m^{-3}) 10/04/07 11.55

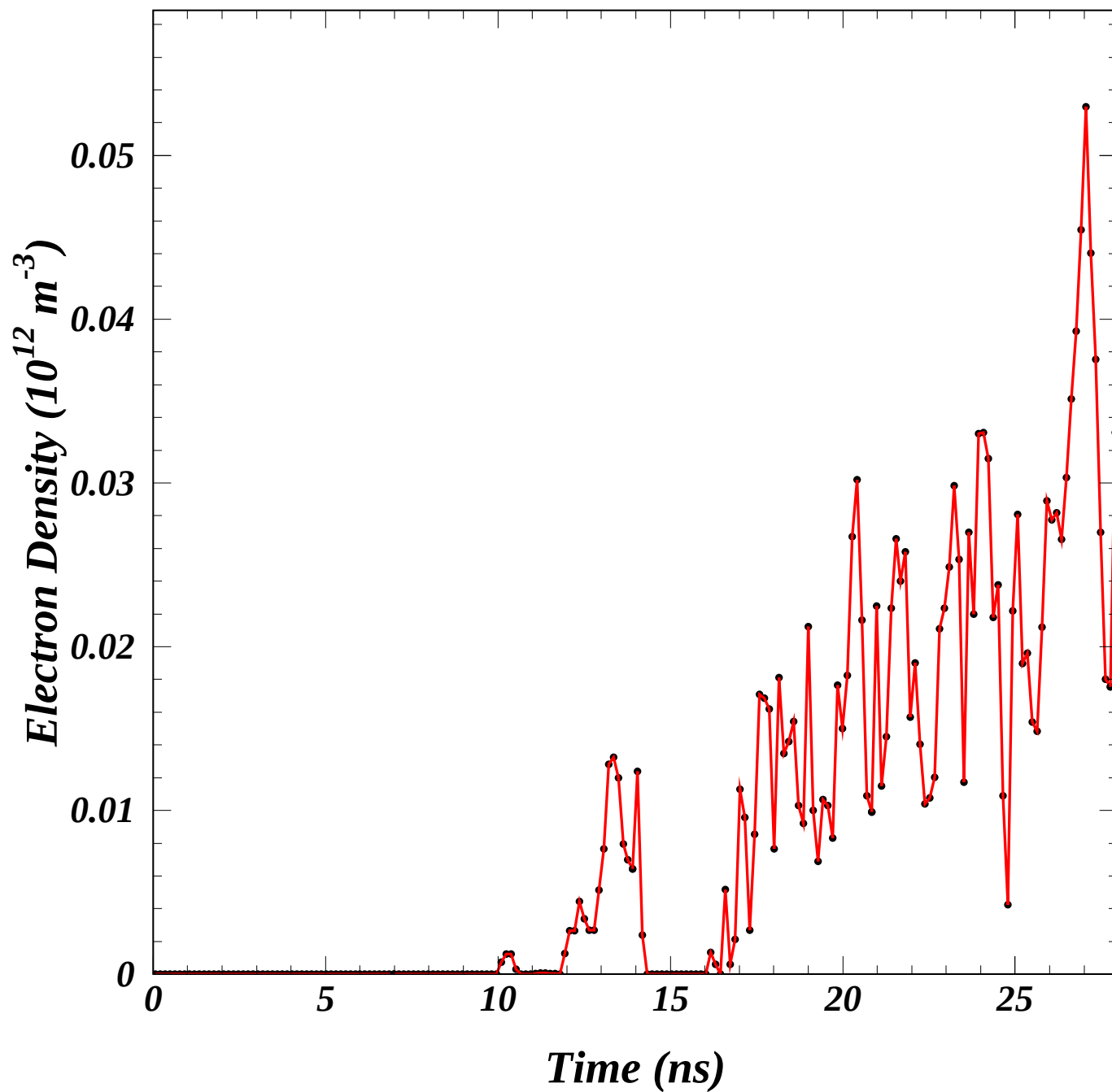


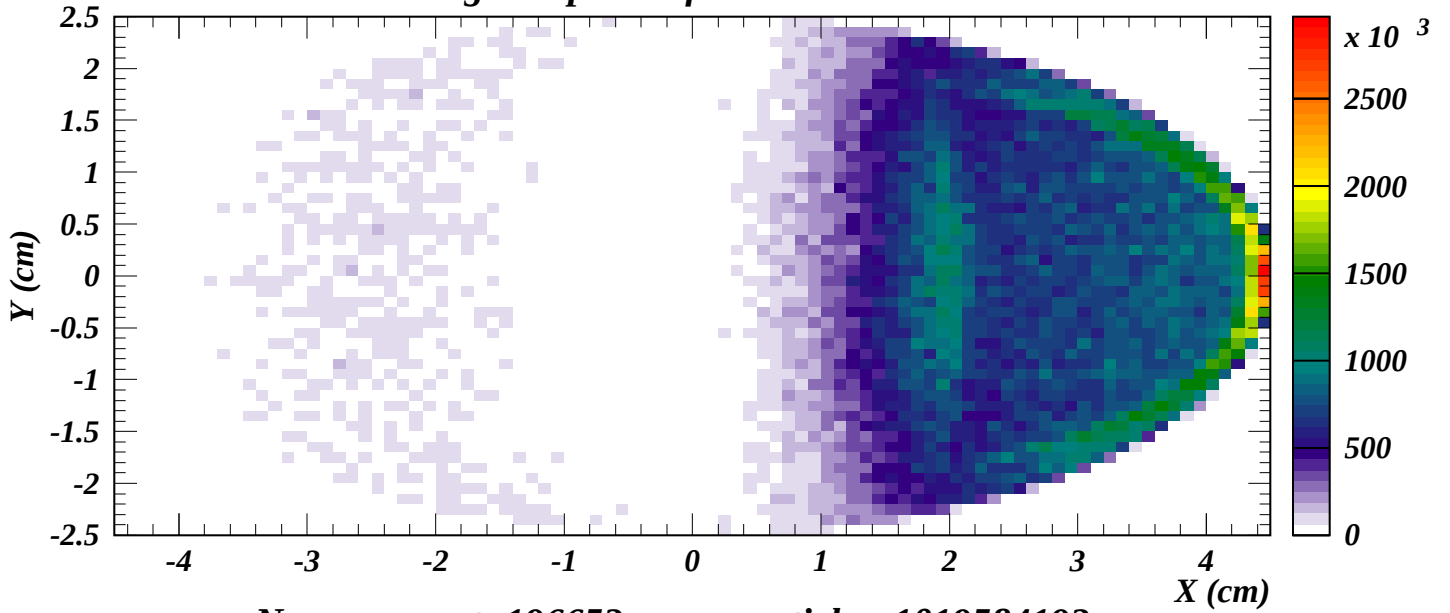
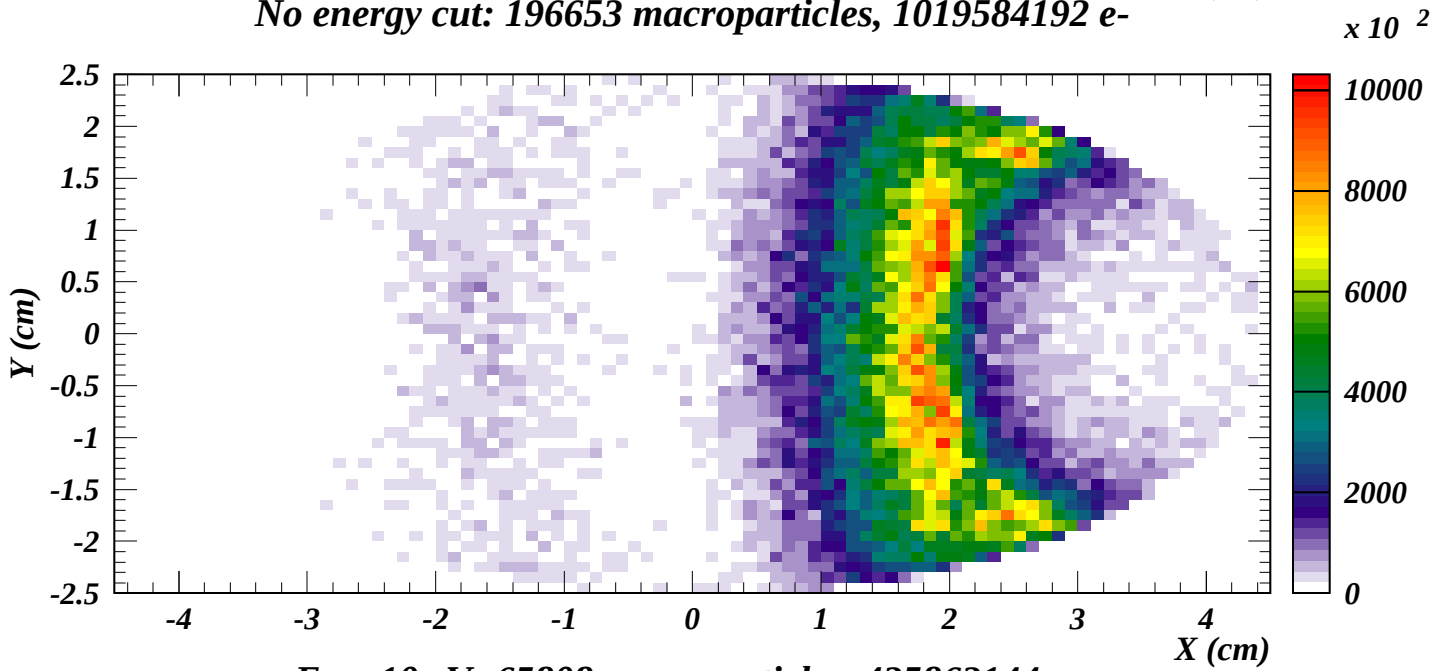
Macroparticle Statistics

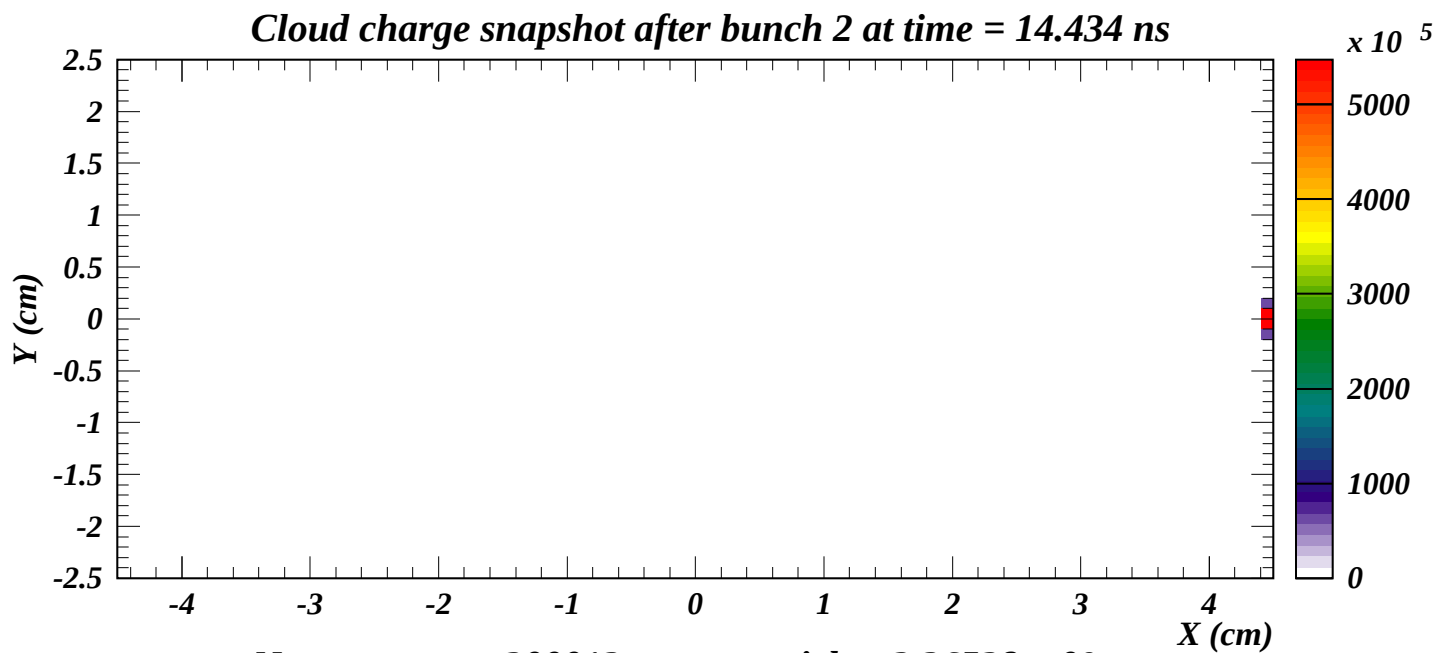


Beam-averaged Cloud Density (10^{12} m^{-3})

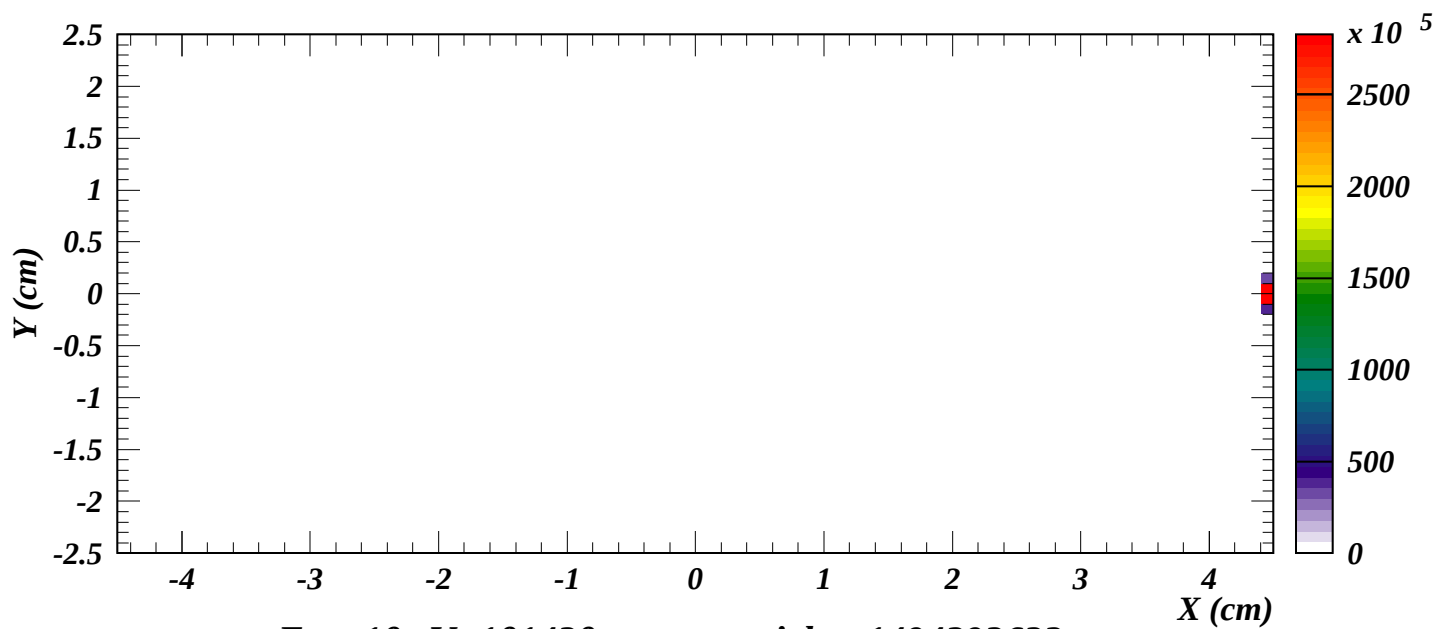
5-Sigma Cloud Density at Center of Pipe (10^{12} m^{-3})

Job 15245: Cloud Density in Central Grid Cell (10^{12} m^{-3})

Cloud charge snapshot after bunch 1 at time = 14 ns*No energy cut: 196653 macroparticles, 1019584192 e-* *$E_{kin} > 10$ eV: 65808 macroparticles, 425862144 e-*



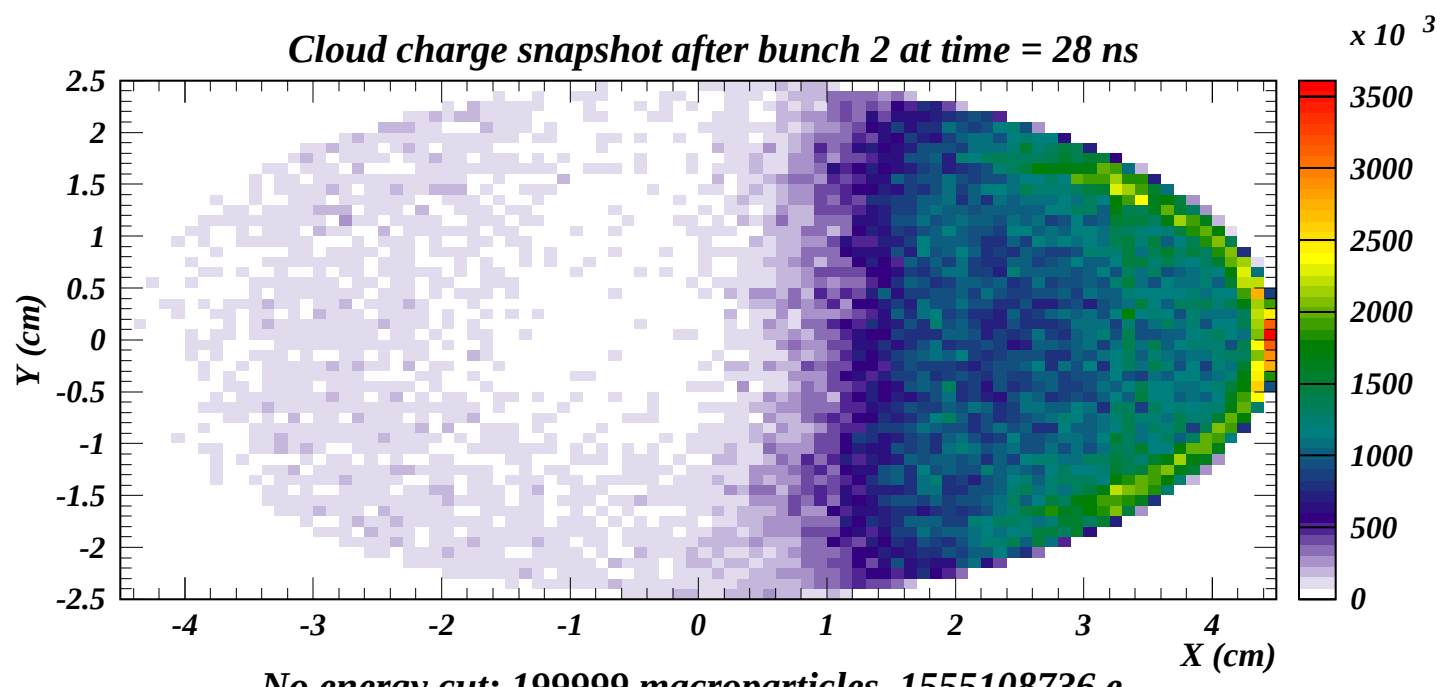
No energy cut: 200013 macroparticles, 2.36528e+09 e-



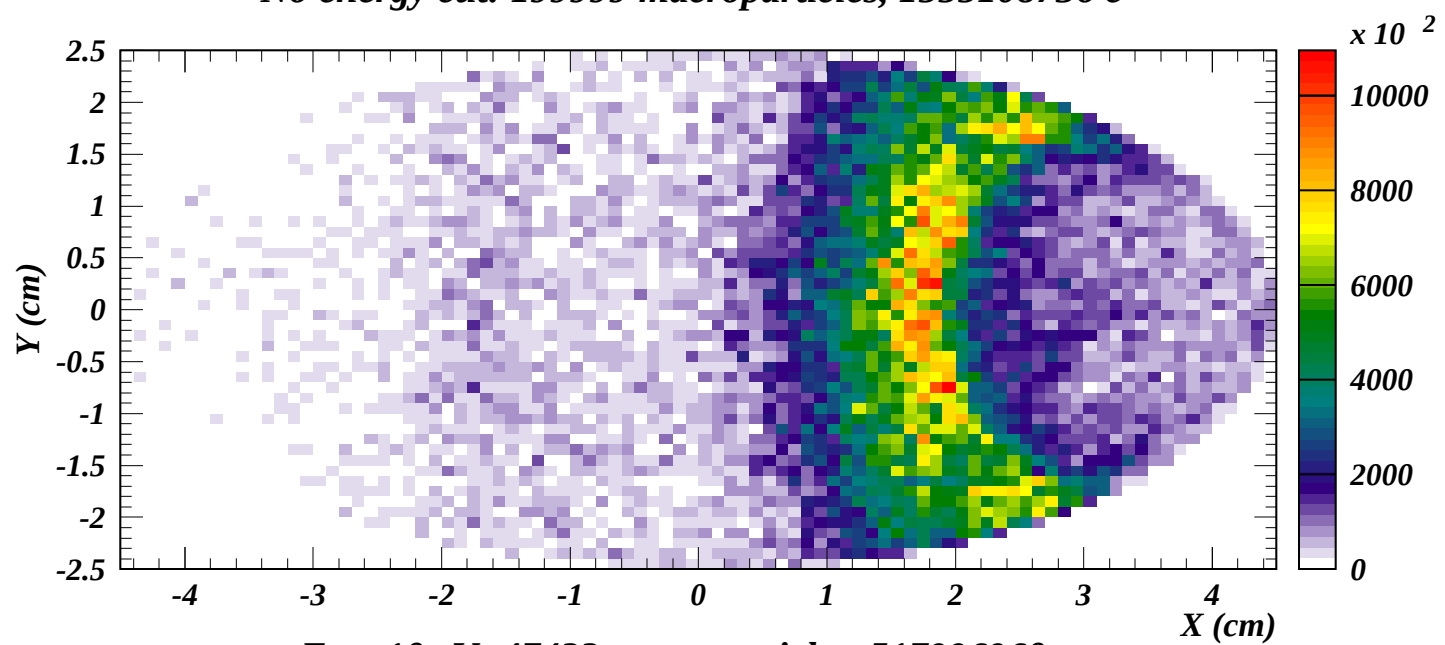
$E_{kin} > 10$ eV: 101430 macroparticles, 1494293632 e-

10/04/07 11.55

Cloud charge snapshot after bunch 2 at time = 28 ns



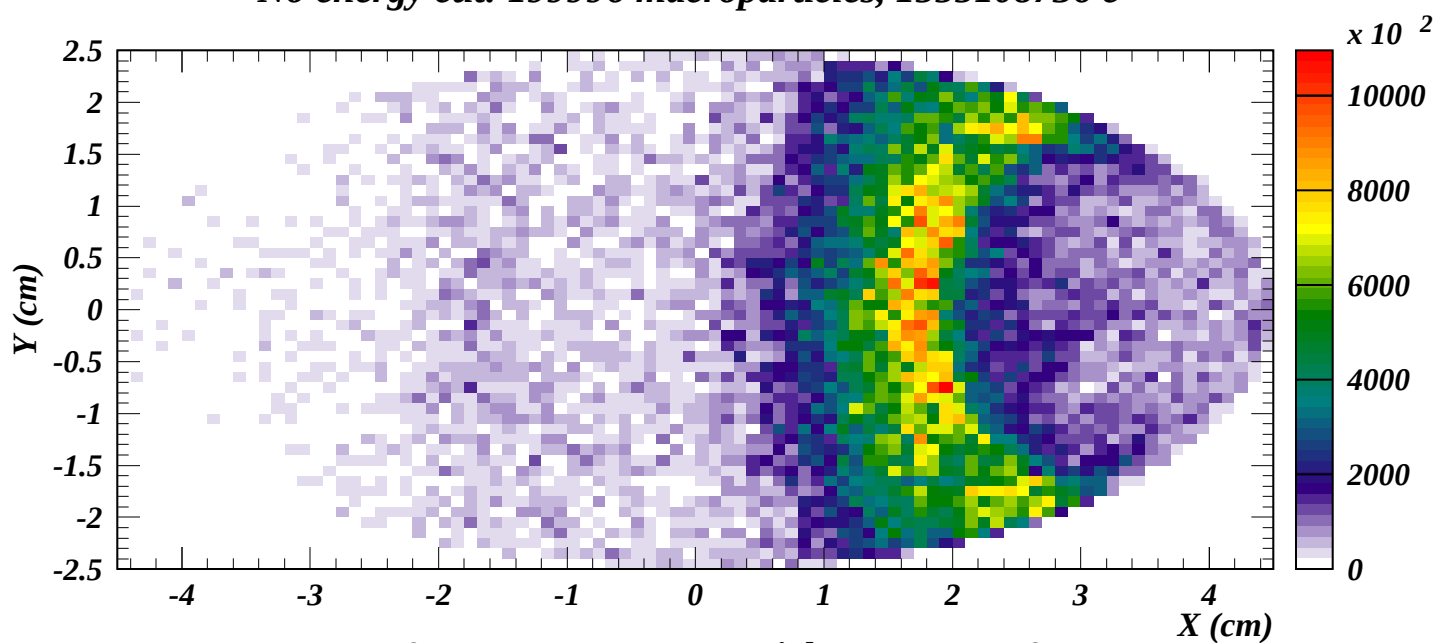
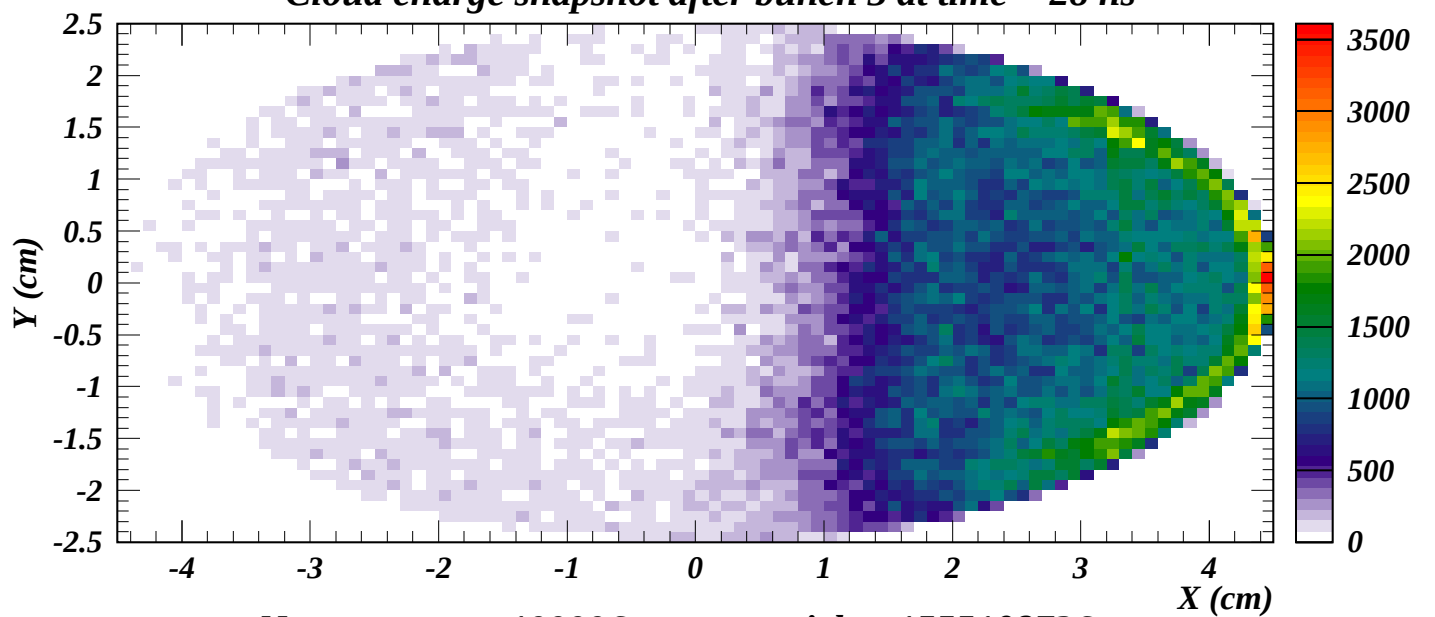
No energy cut: 199999 macroparticles, 1555108736 e-

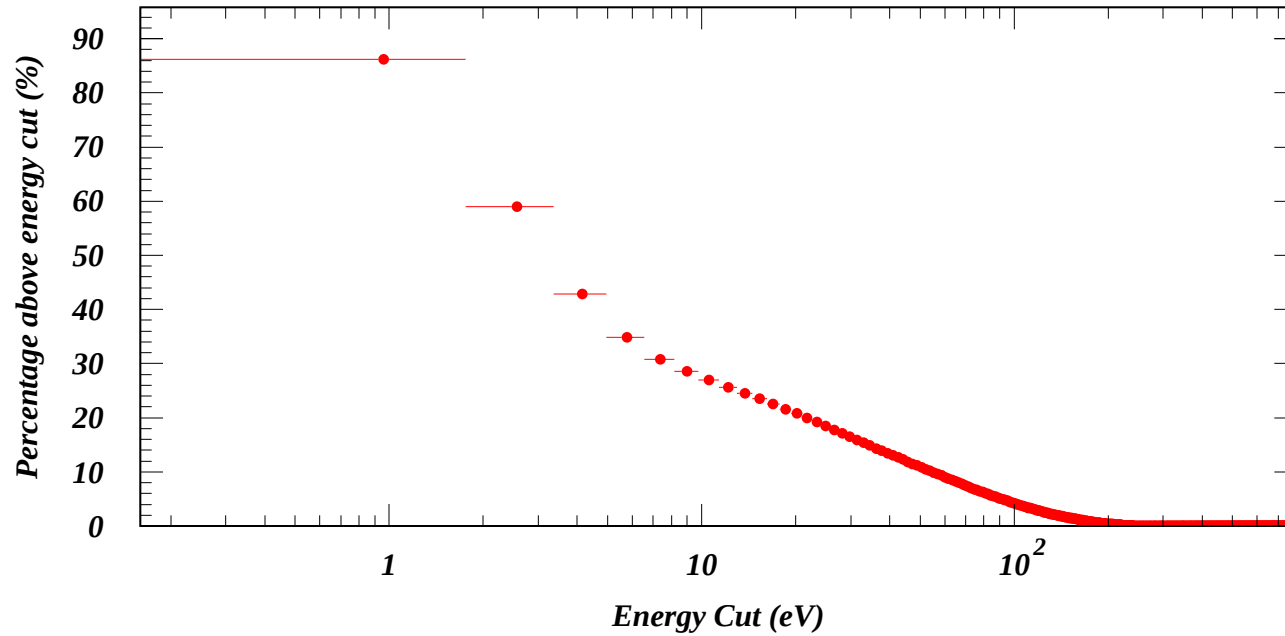
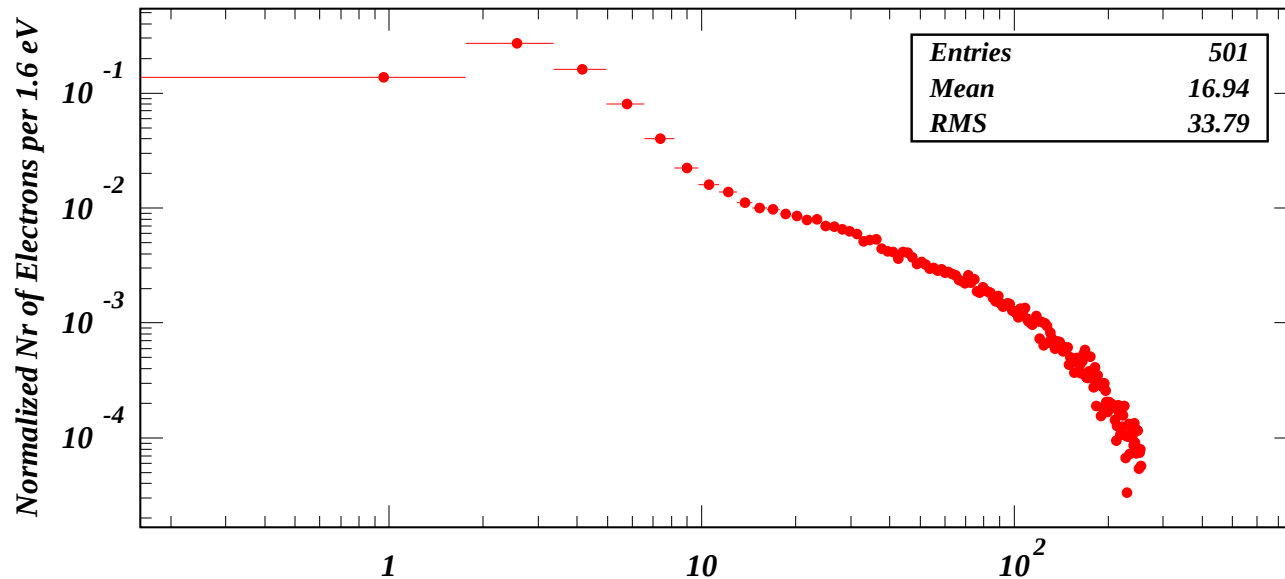


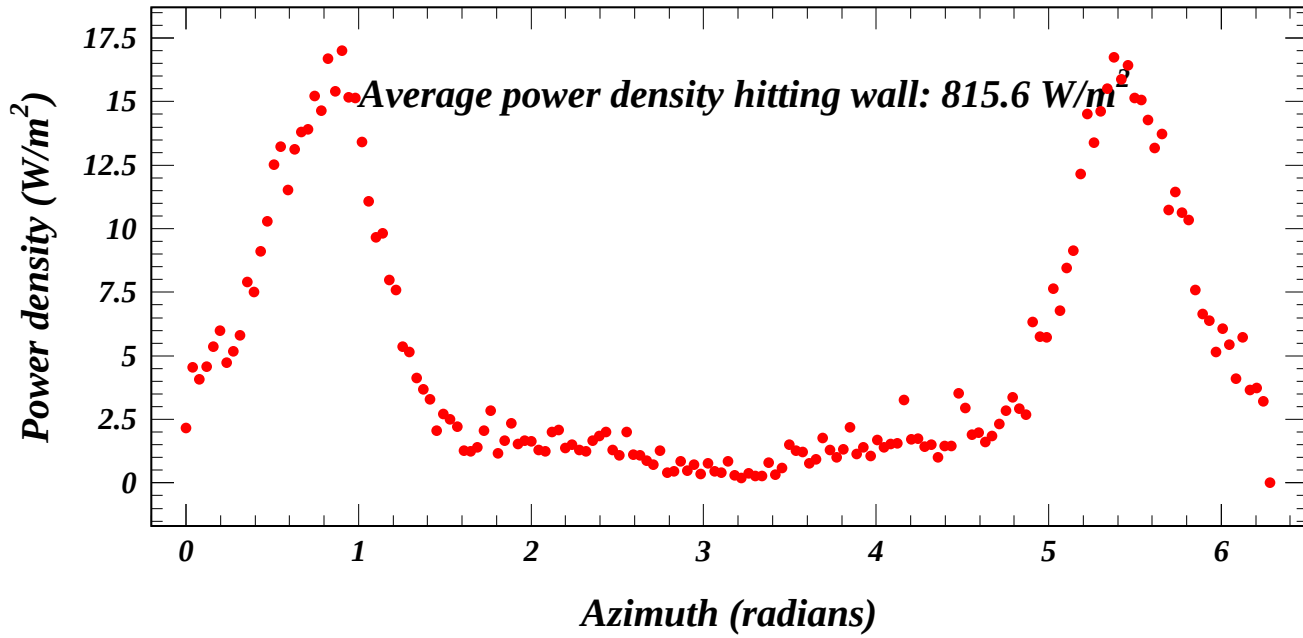
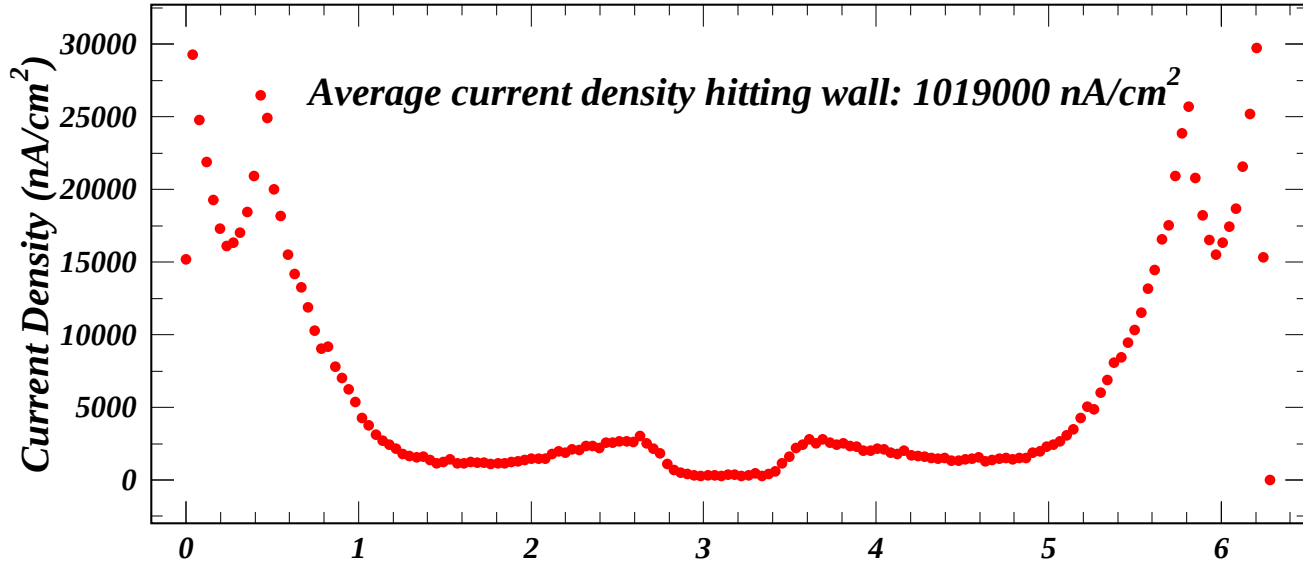
$E_{\text{kin}} > 10 \text{ eV}$: 47433 macroparticles, 517996960 e-

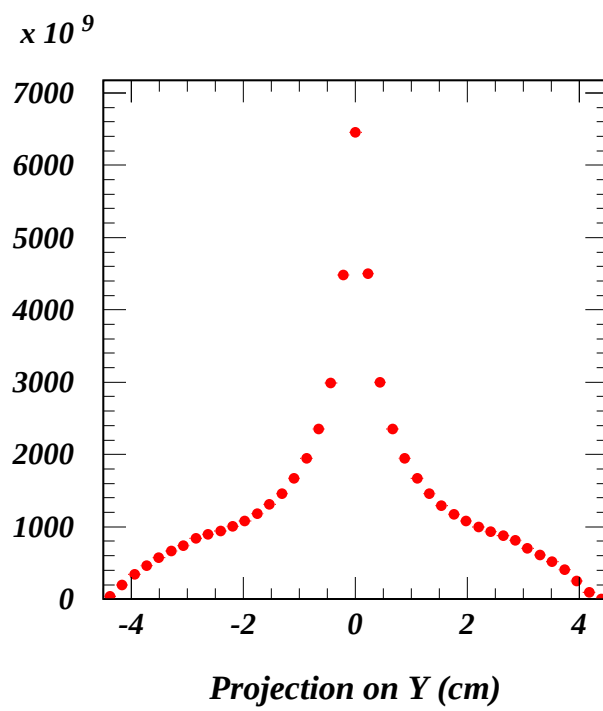
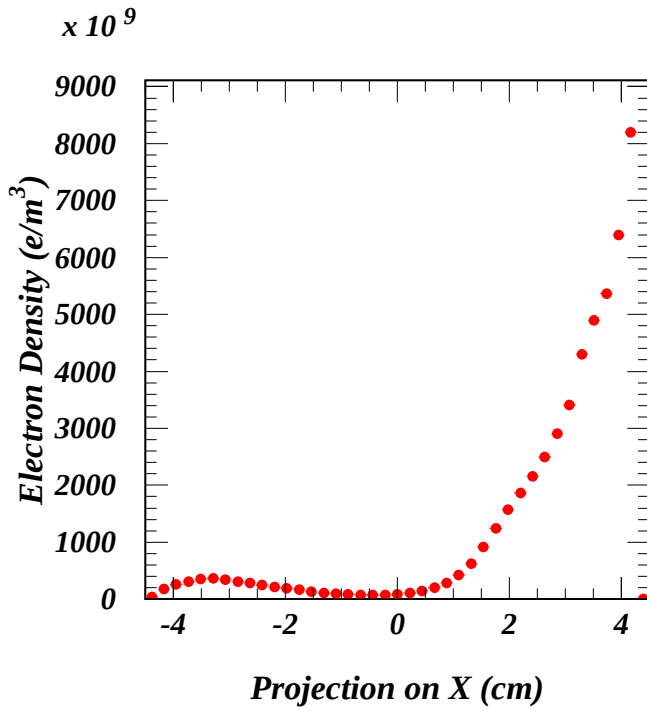
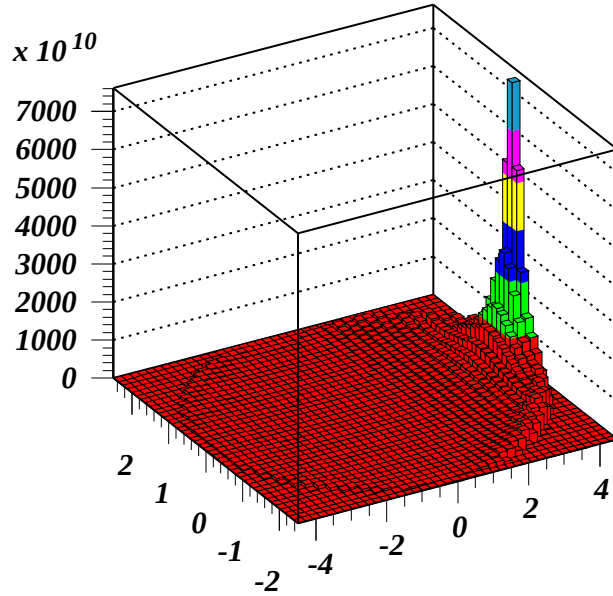
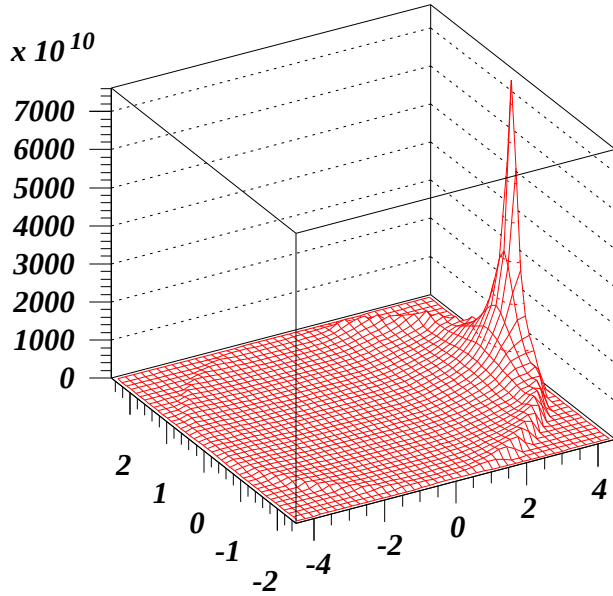
10/04/07 11.55

Cloud charge snapshot after bunch 3 at time = 28 ns



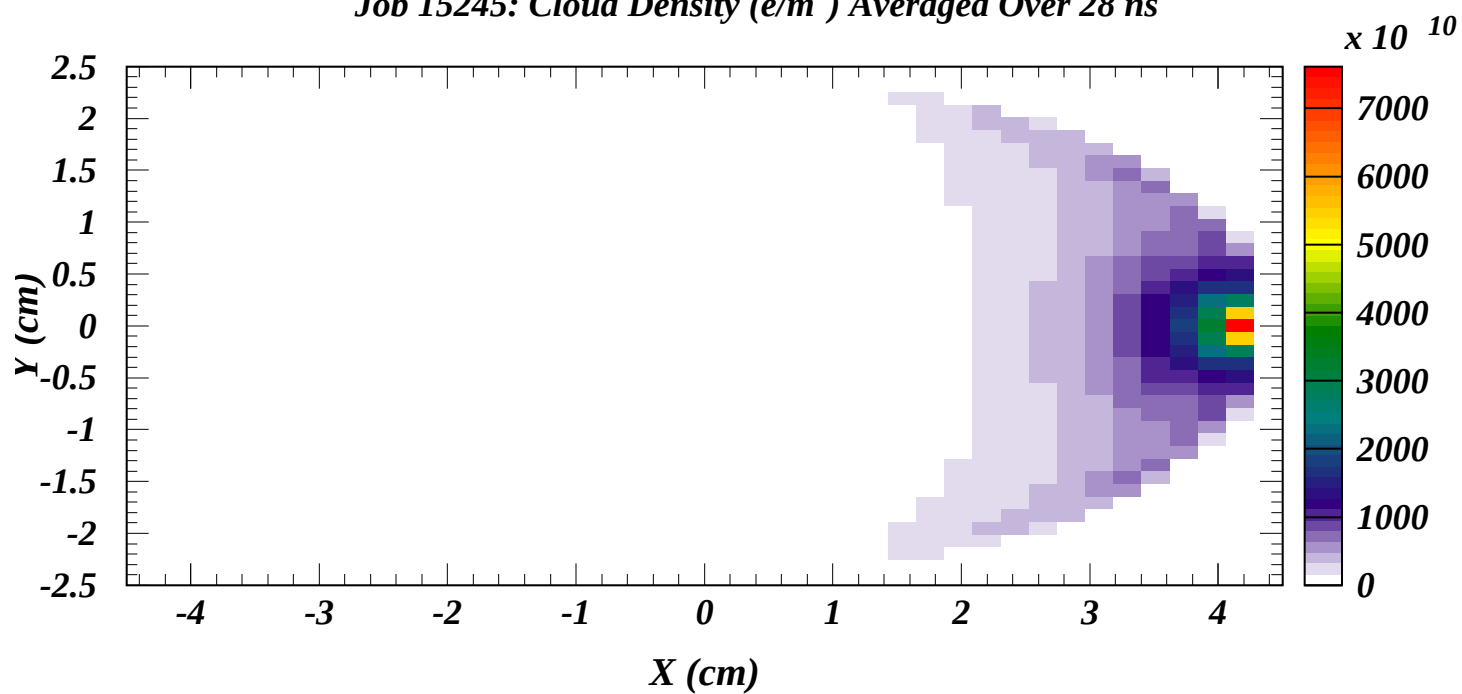
Job 15245: Time-Integrated Energies of Electrons Hitting Wall

Job 15245: Time-Integrated Energies of Electrons Hitting Wall

Job 15245: Cloud Density (e/m^3) Averaged Over 28 ns

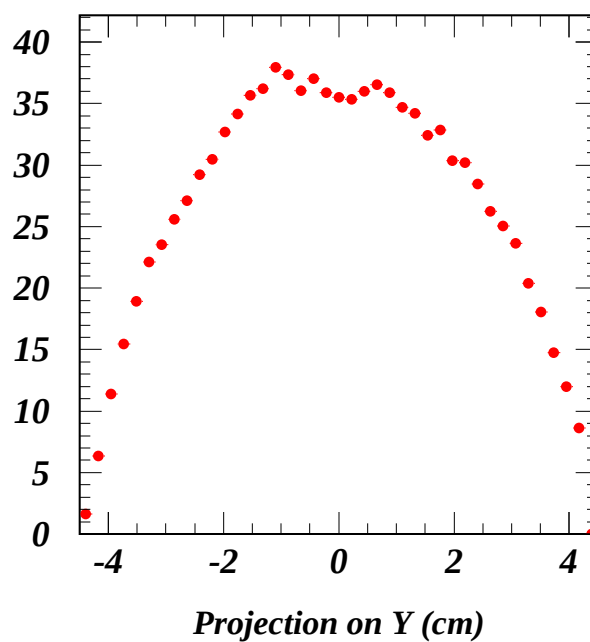
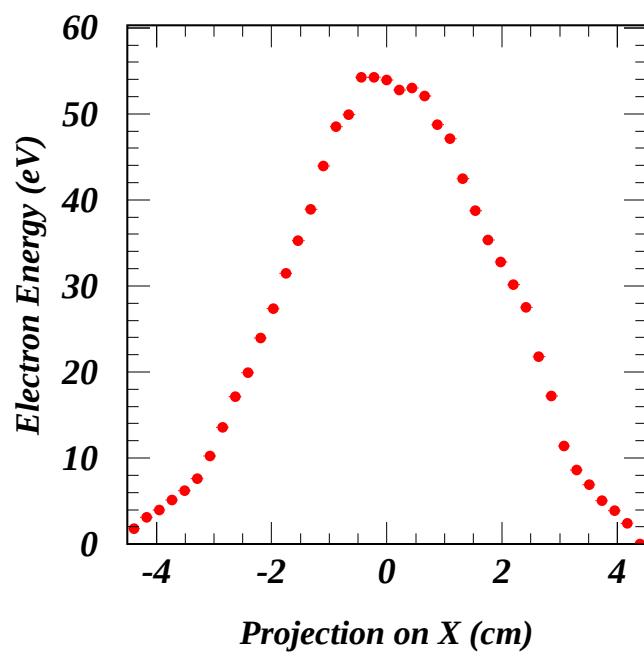
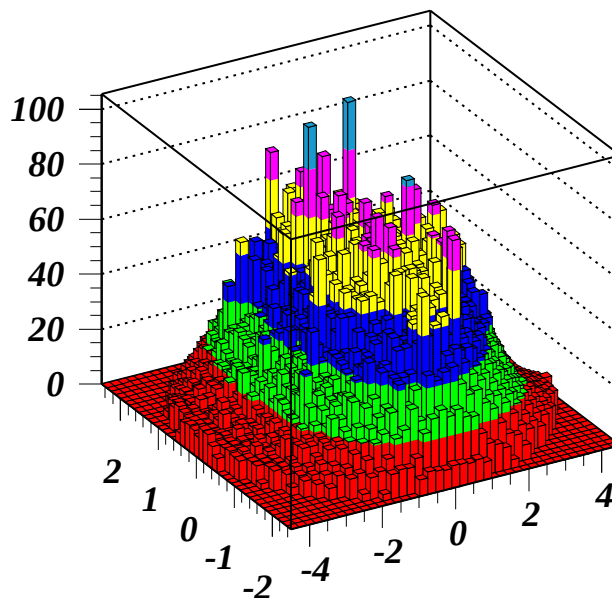
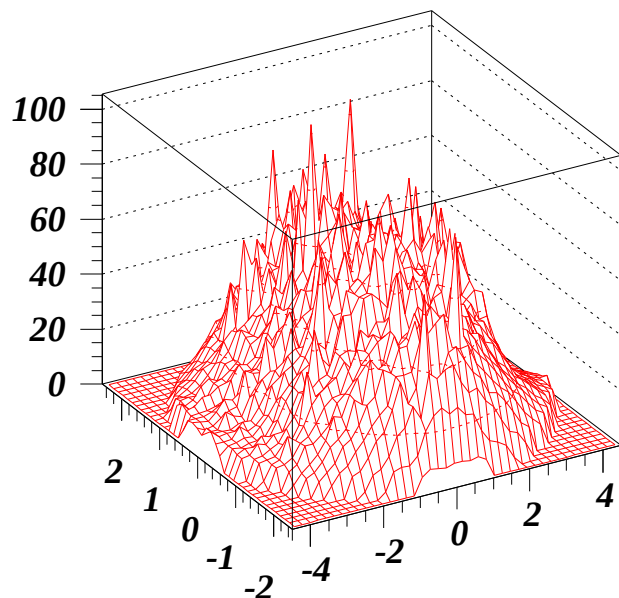
Job 15245: Cloud Density (e/m^3) Averaged Over 28 ns

10/04/07 11.55



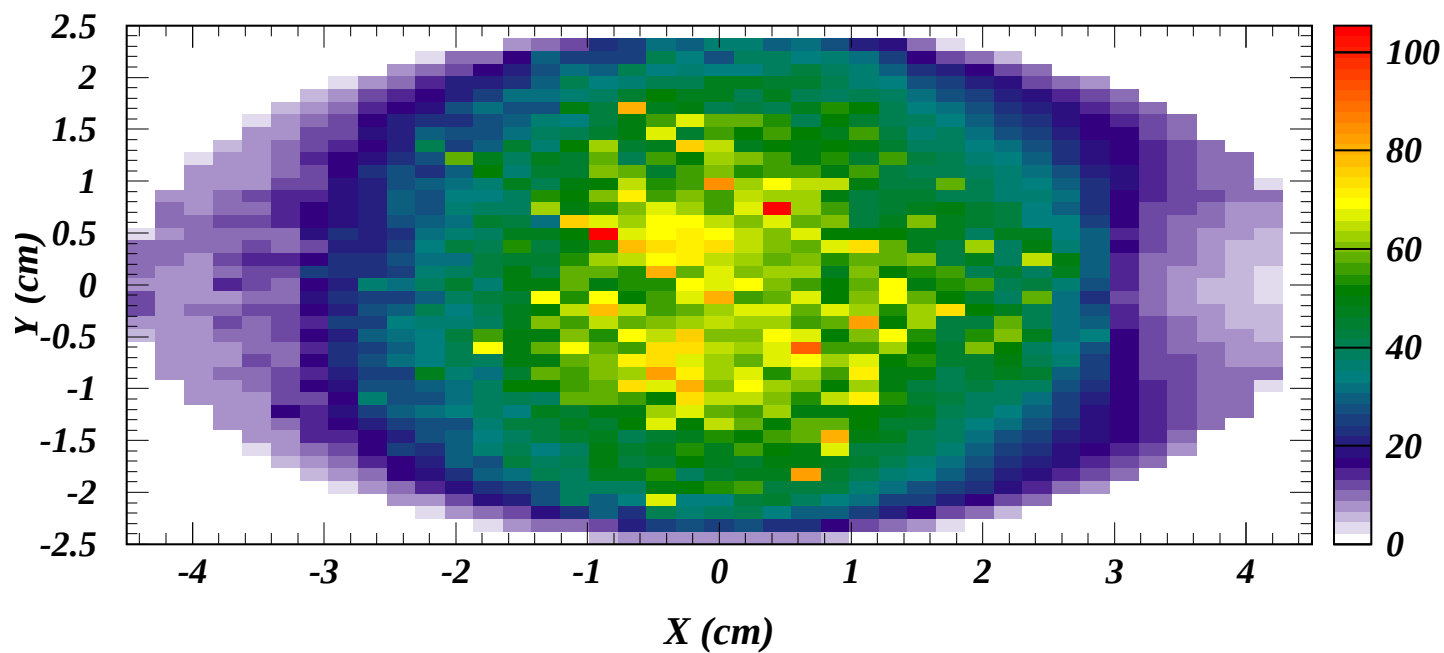
10/04/07 11.55

Job 15245: Electron Energies (eV) Averaged Over 28 ns

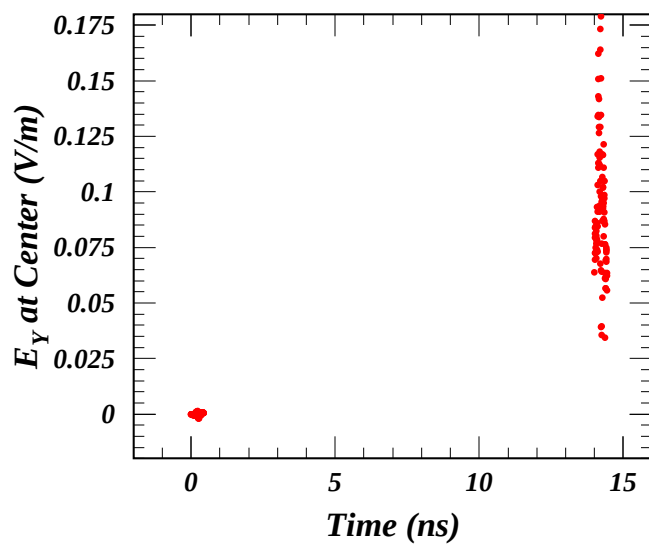
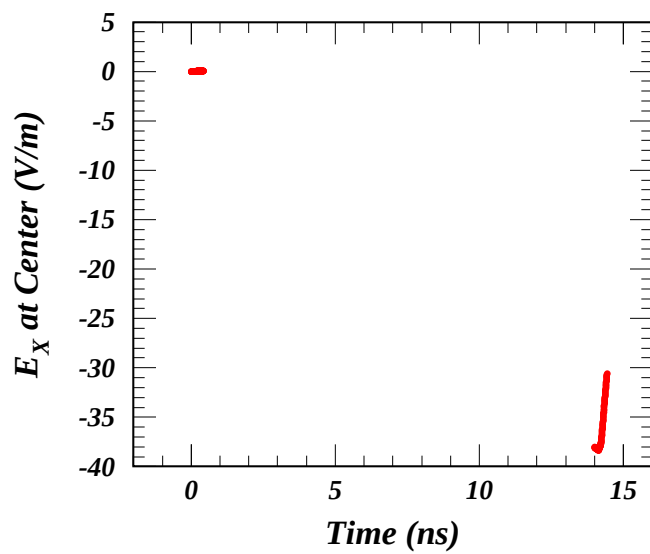


10/04/07 11.55

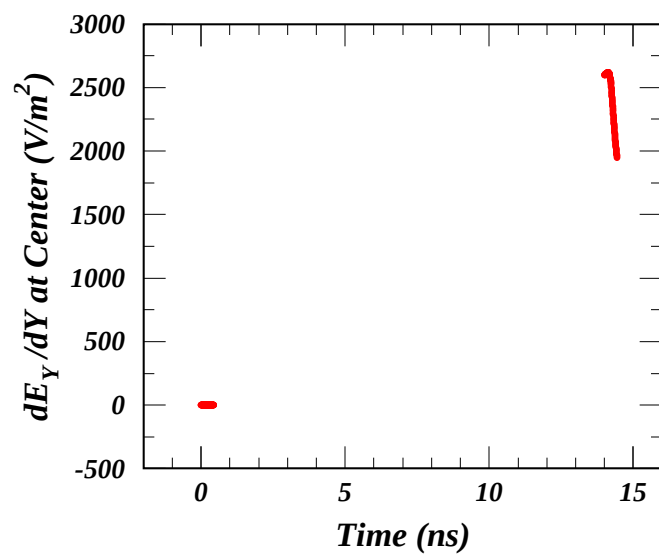
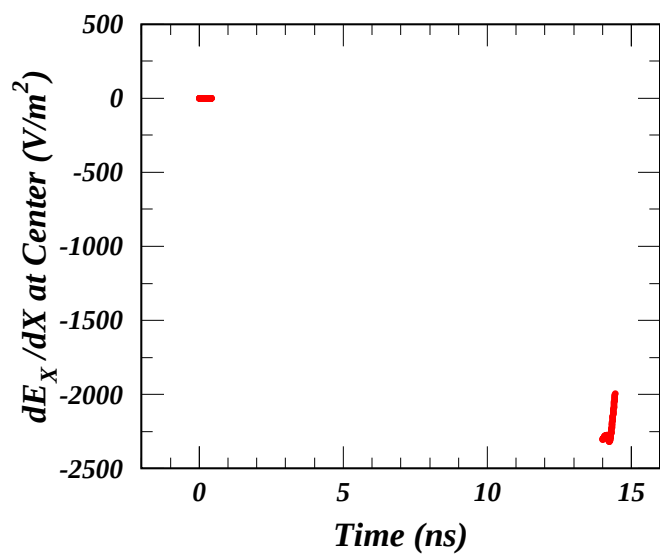
Job 15245: Electron Energies (eV) Averaged Over 28 ns



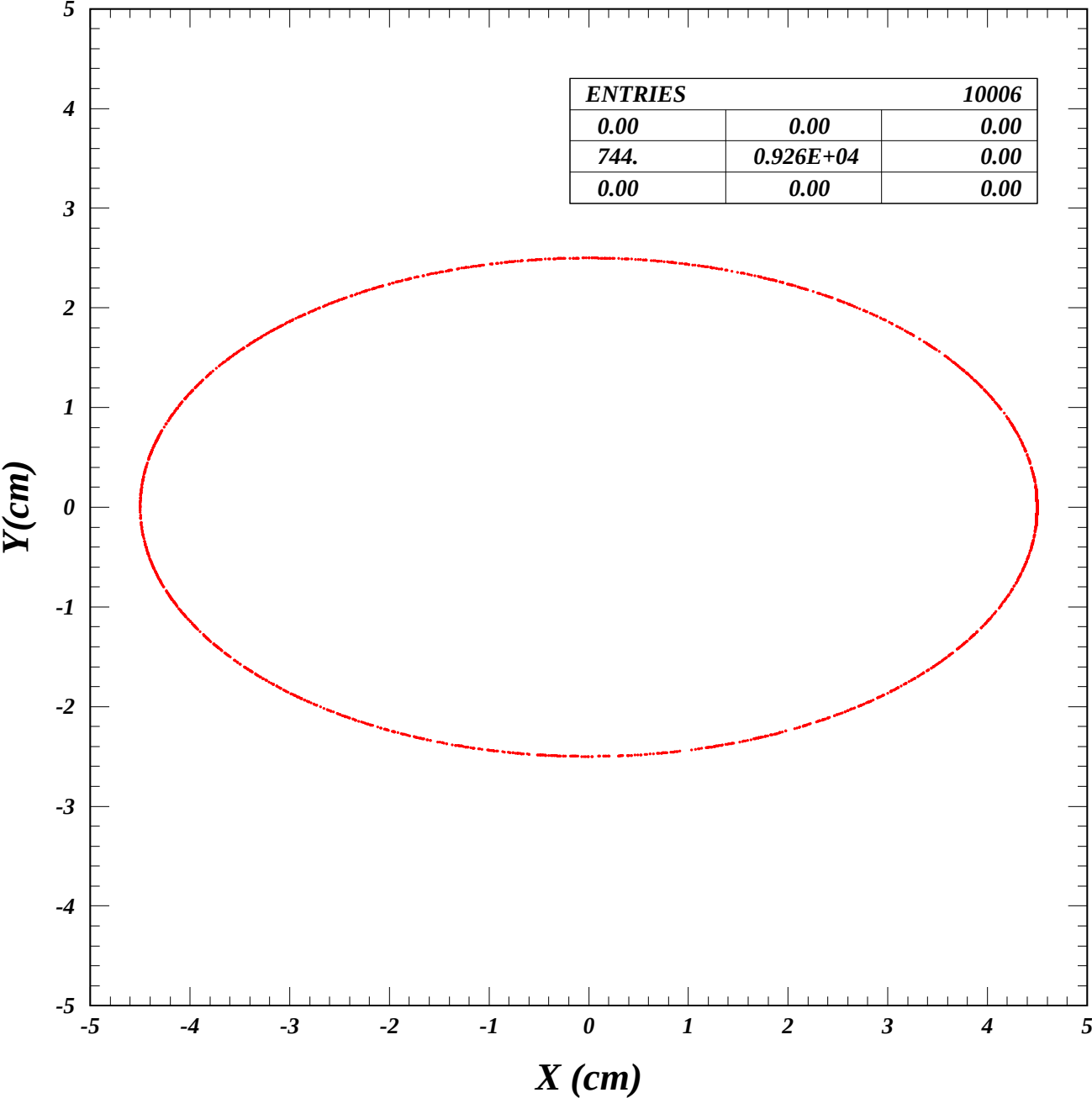
Job 15245: Electric Field at Beam



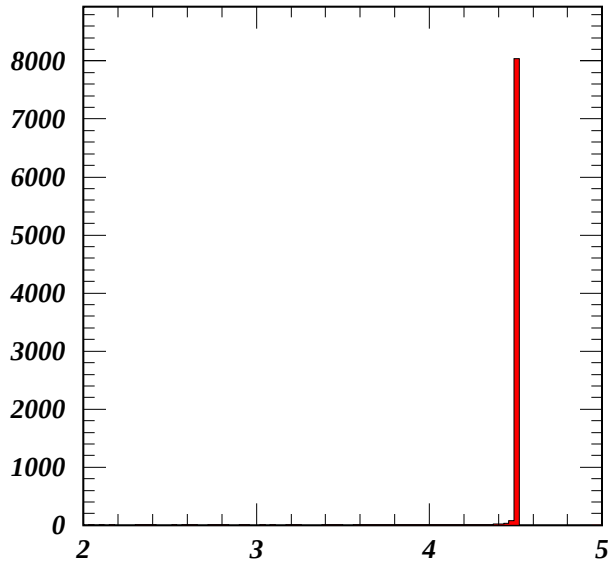
Job 15245 Electric Field Gradients at Beam



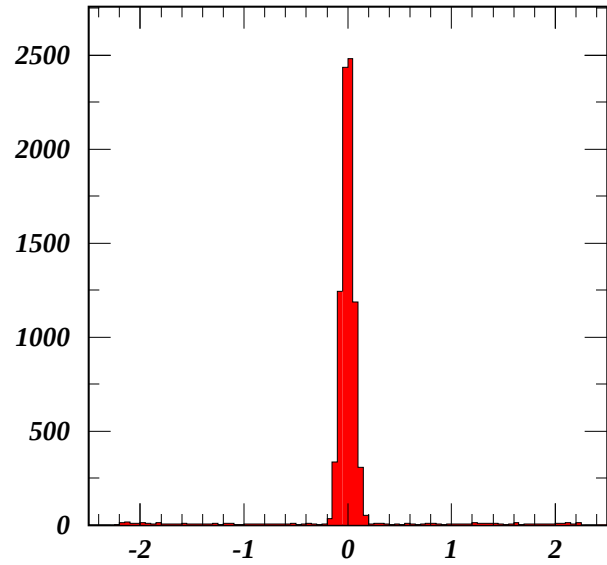
Job 15245: Primary Photoelectrons



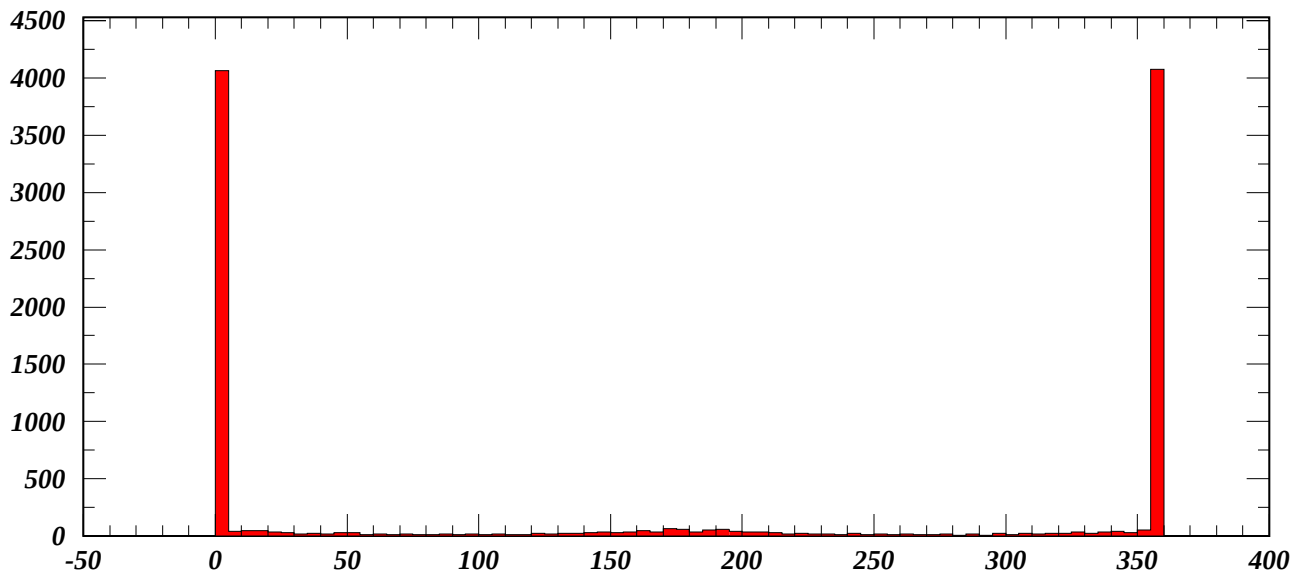
Job 15245: Primary Photoelectrons



X (cm)



Y (cm) for X2CM



ϕ (degrees)