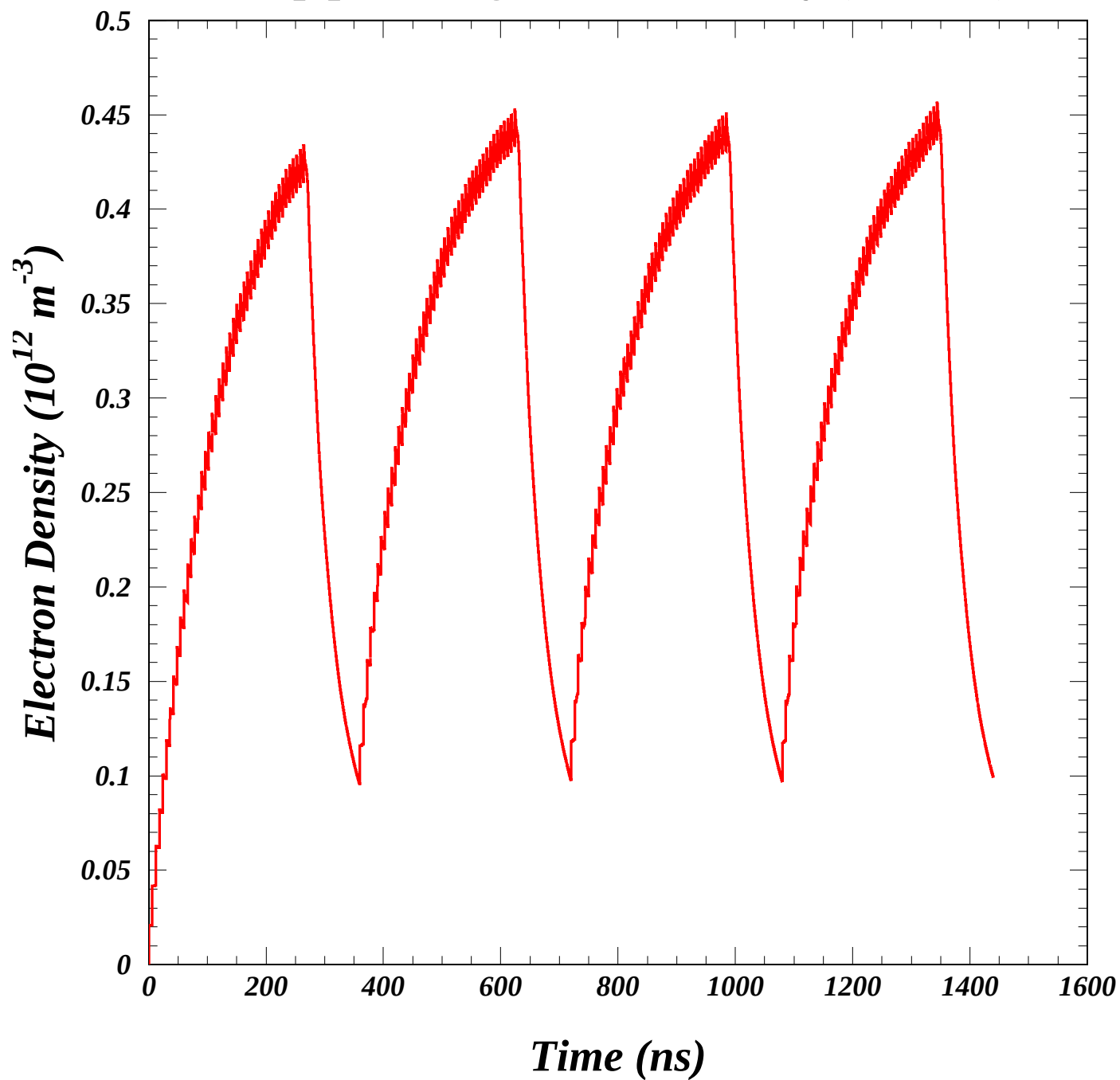
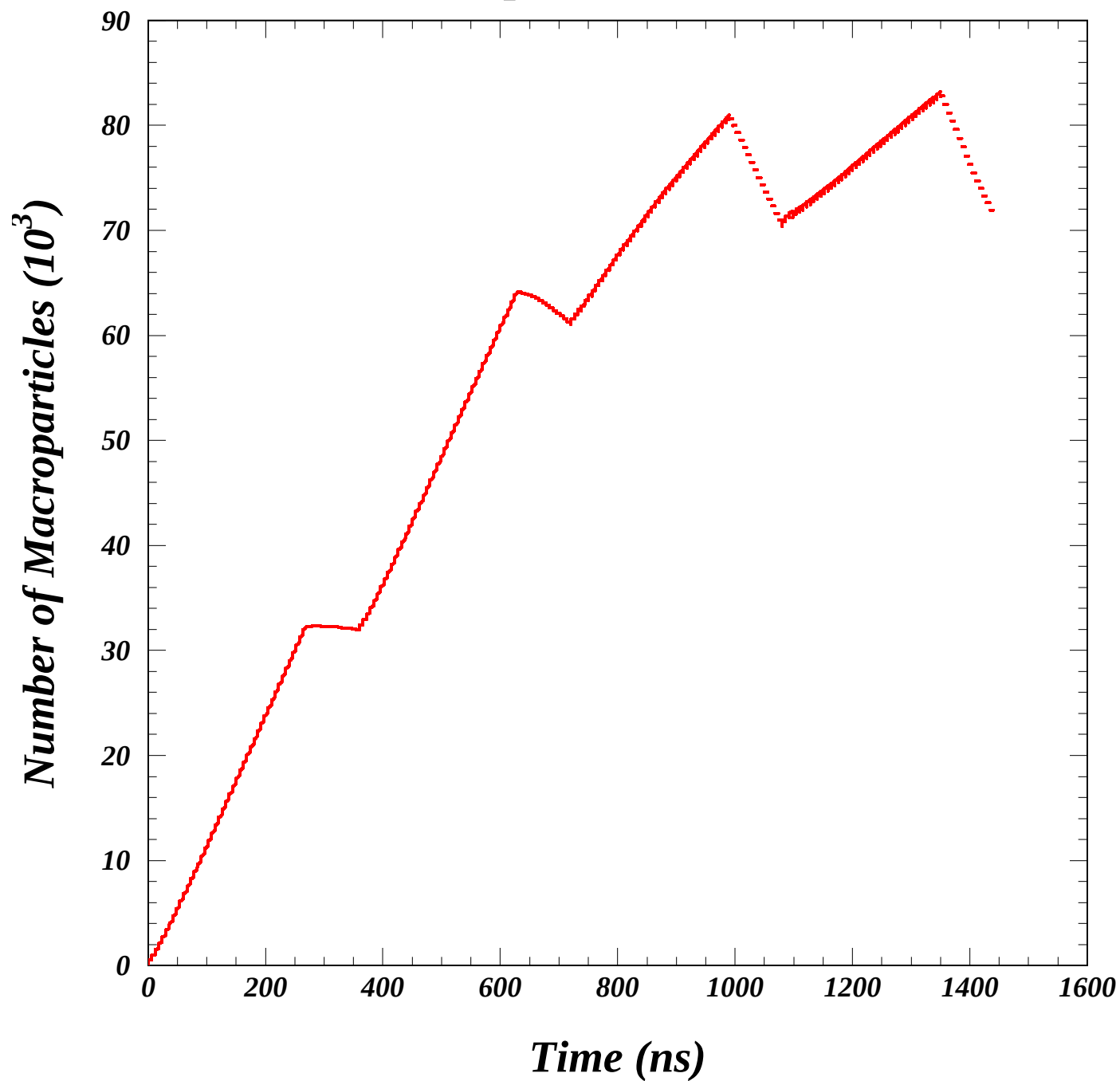
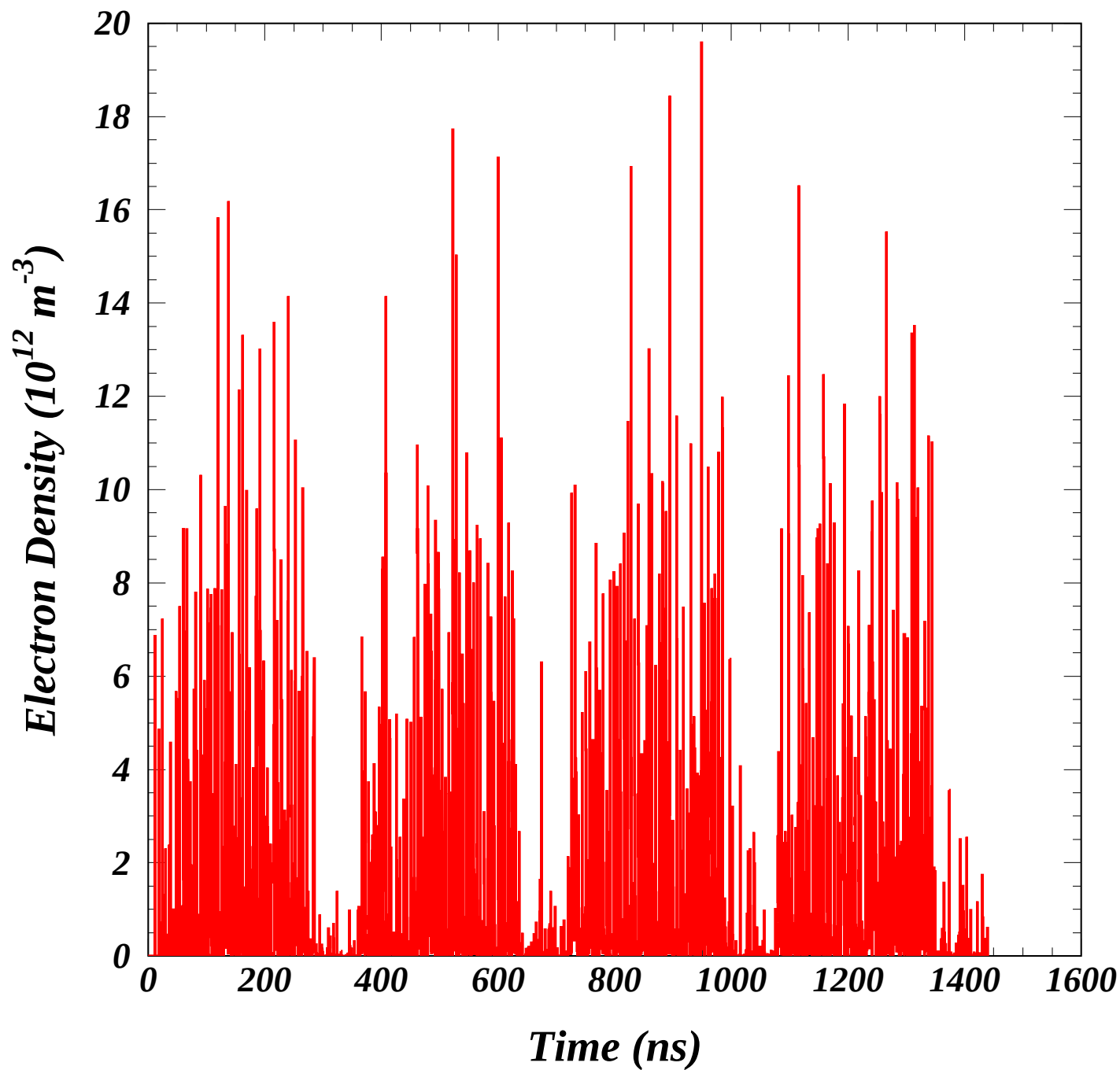


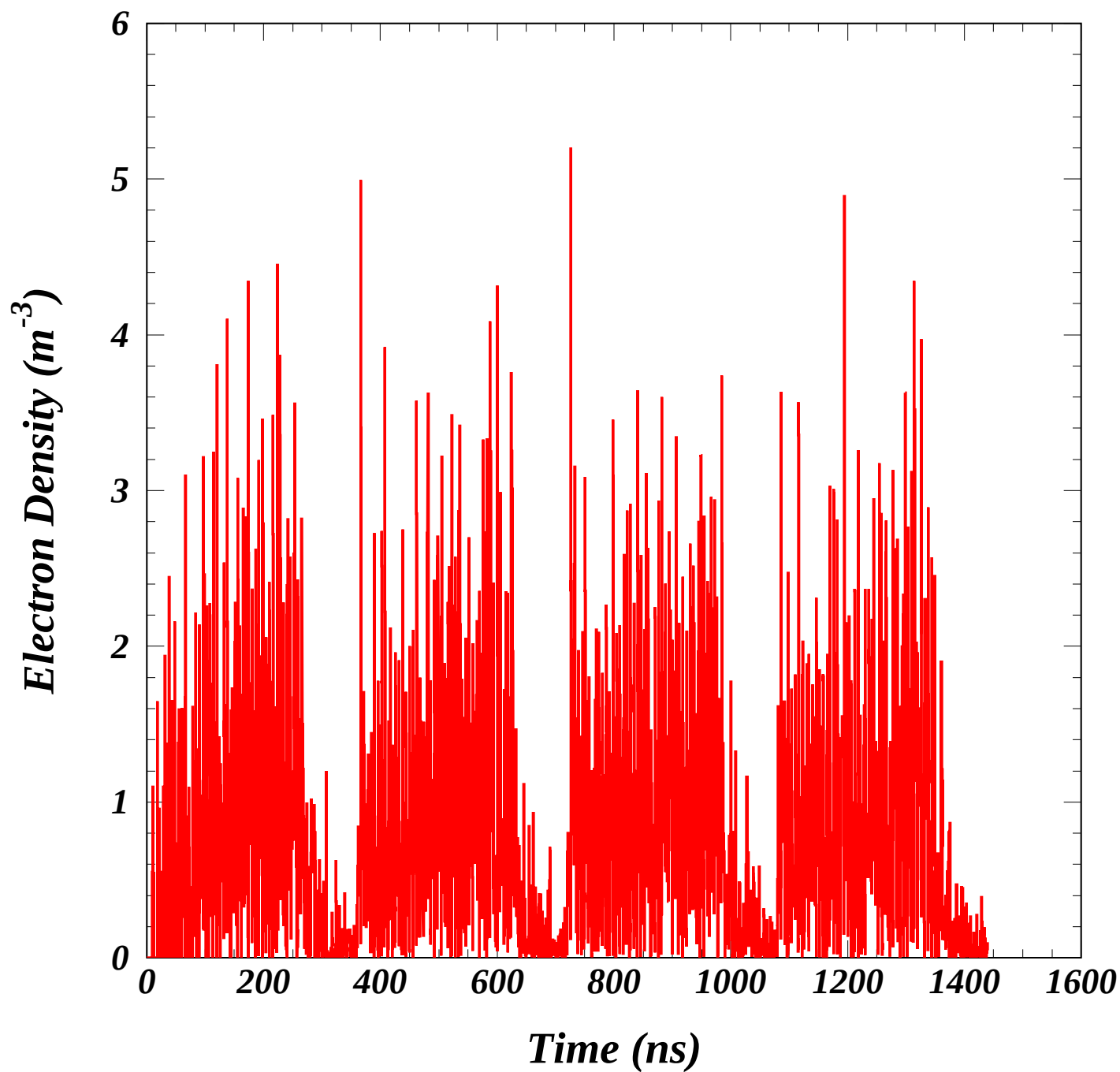
Beampipe-averaged Cloud Density (10^{12} m^{-3}) 10/02/04 11.53



Macroparticle Statistics

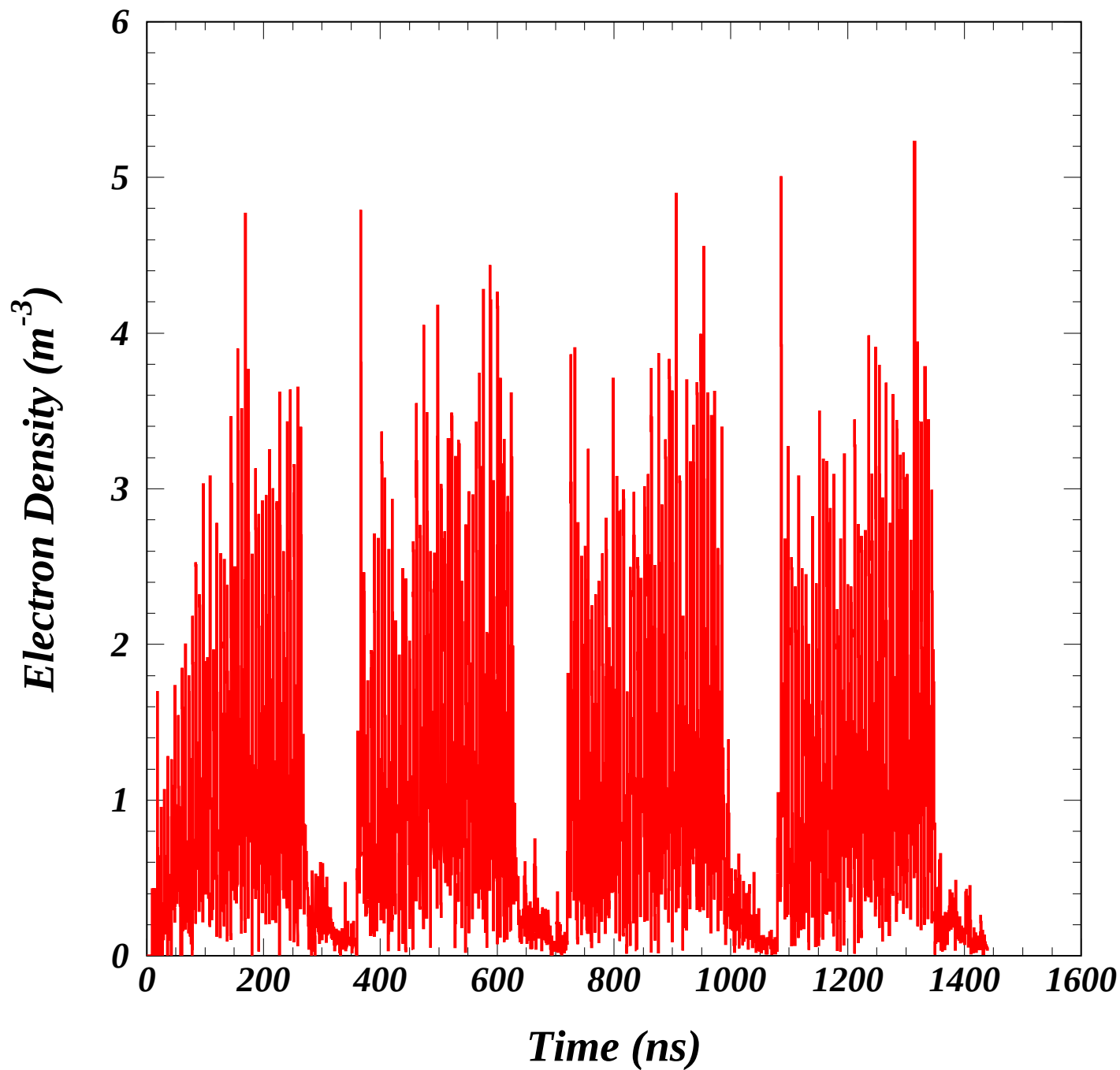


Beam-averaged Cloud Density (10^{12} m^{-3})

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

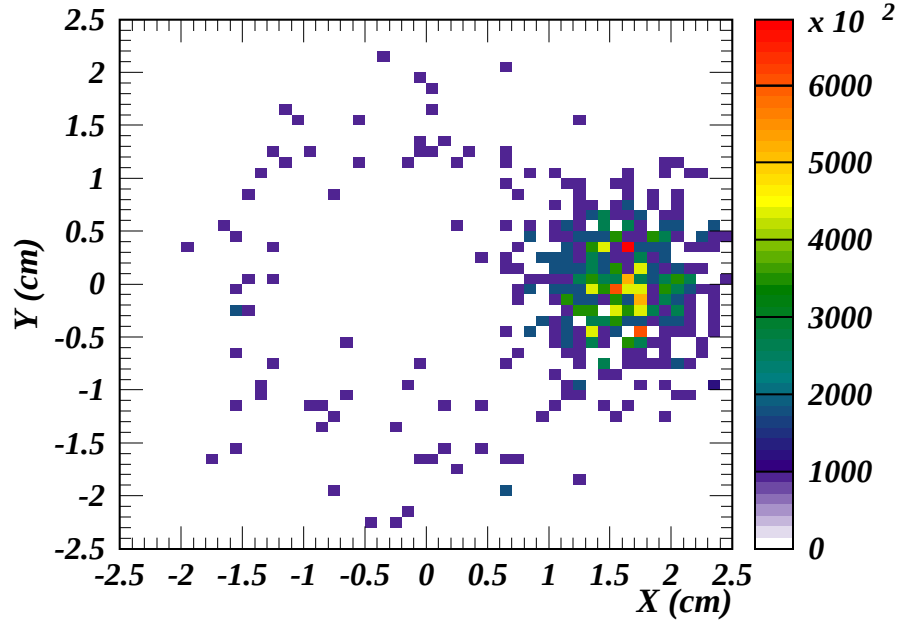
10/02/04 11.53

ECLLOUD-DR20100203_pos_dri_red: Cloud Density in Central Grid Cell (10^{12} m^{-3})

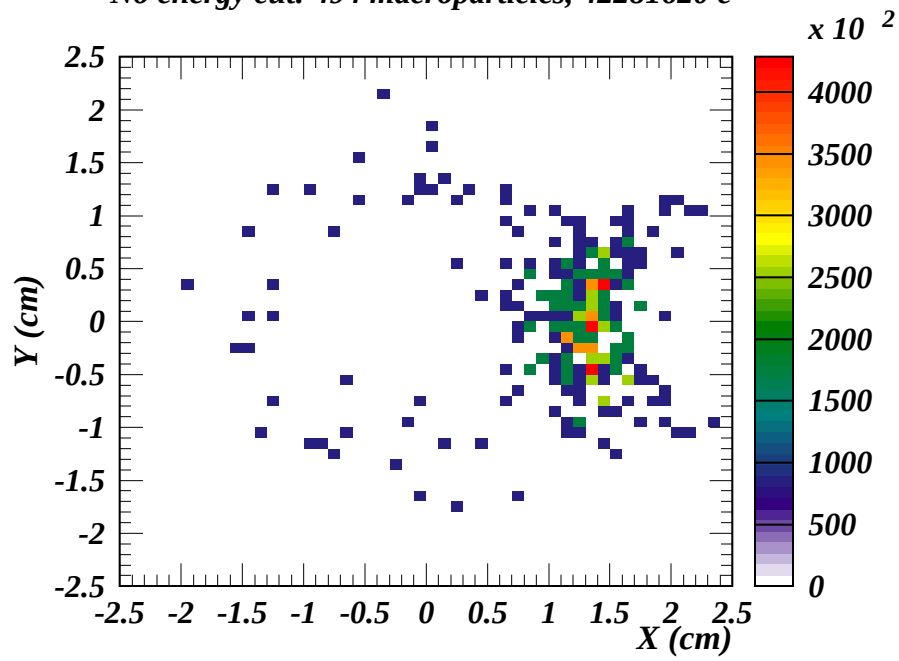


10/02/04 11.53

Cloud charge profile after bunch 1 at time = 6 ns

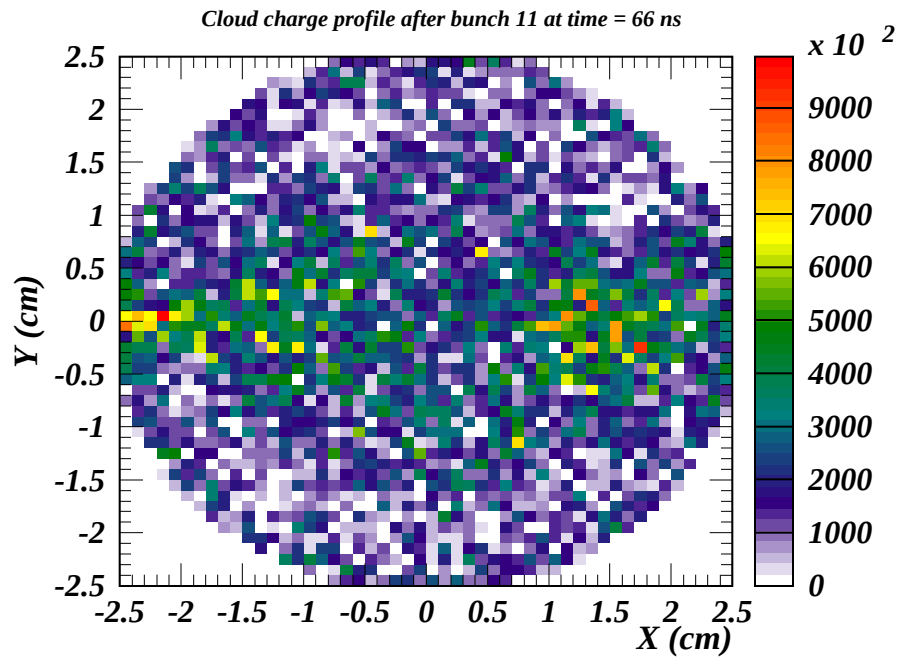


No energy cut: 494 macroparticles, 42281620 e-

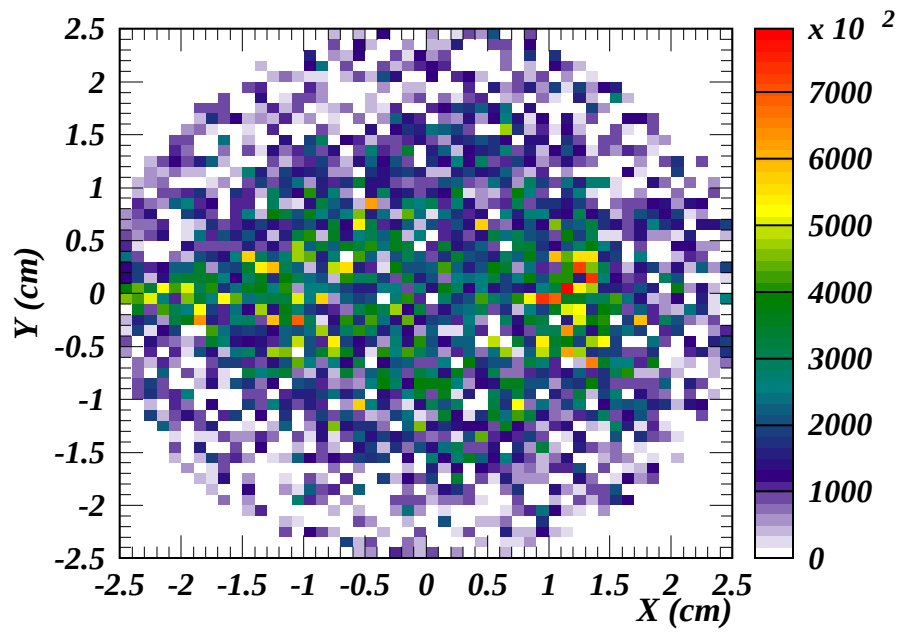


$E_{kin} > 10$ eV: 271 macroparticles, 23219280 e-

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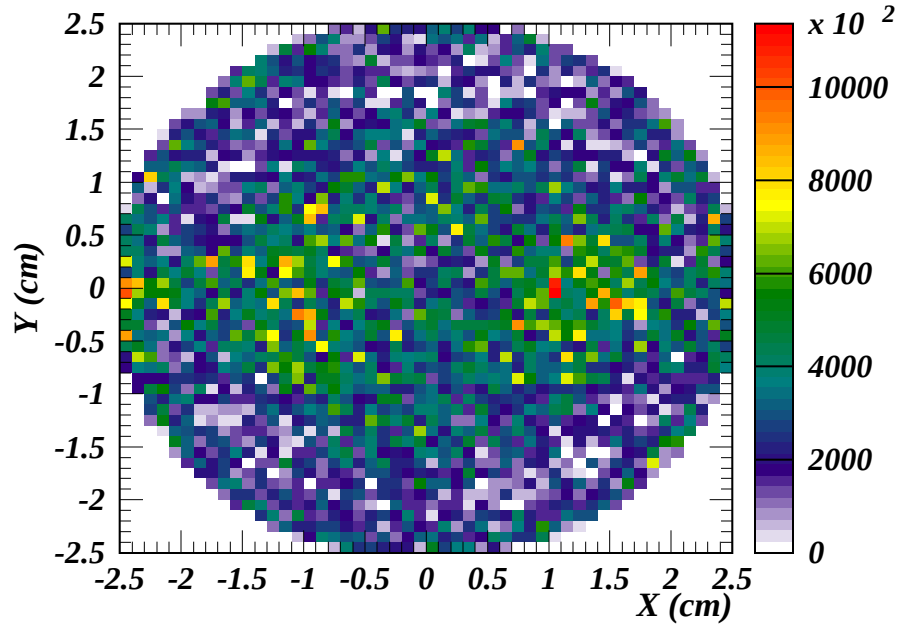
No energy cut: 7070 macroparticles, 388969888 e-



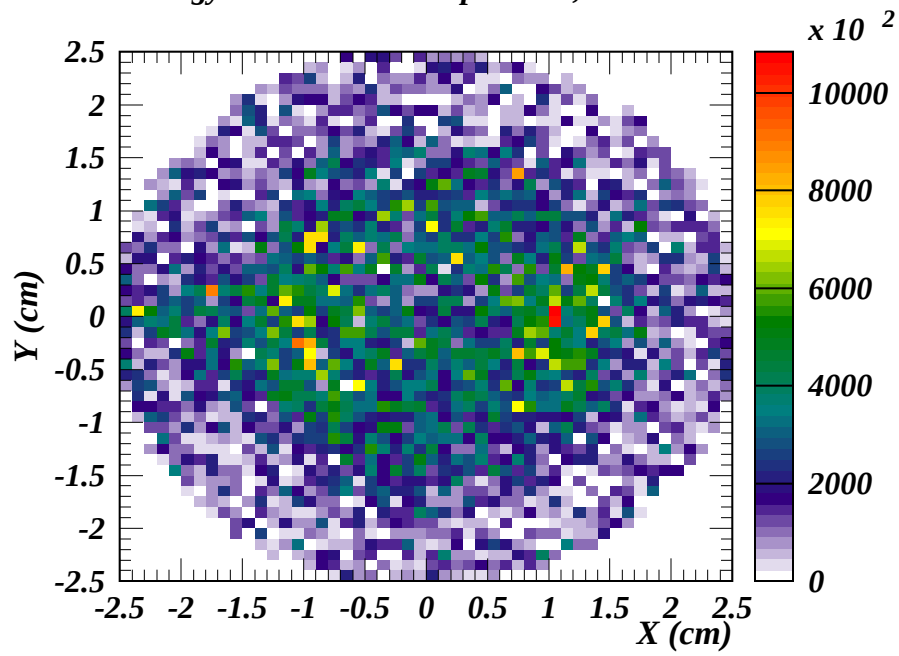
$E_{kin} > 10$ eV: 4846 macroparticles, 268685056 e-

10/02/04 11.53

Cloud charge profile after bunch 21 at time = 126 ns

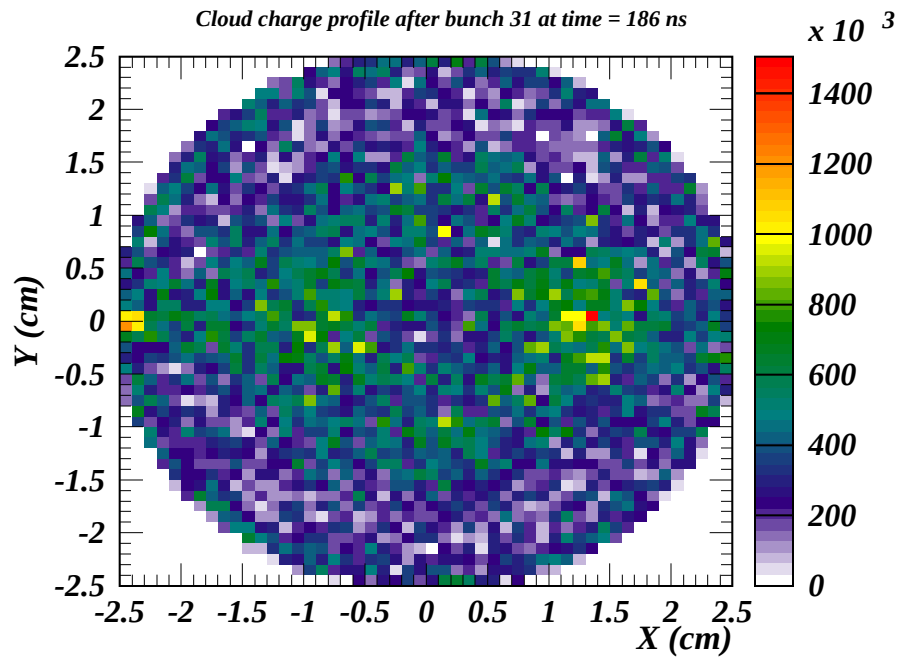


No energy cut: 14372 macroparticles, 604699968 e-

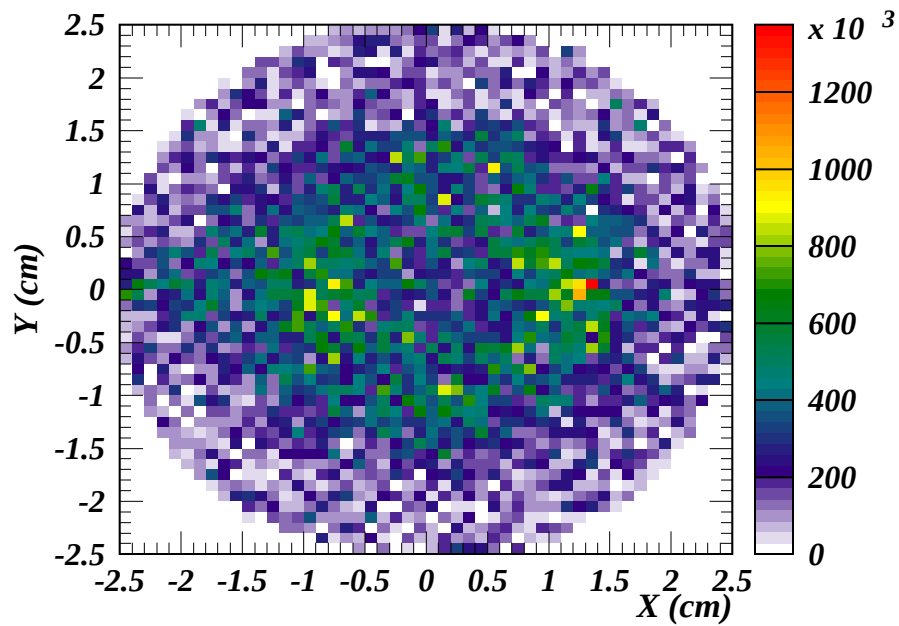


$E_{kin} > 10$ eV: 9894 macroparticles, 418349056 e-

10/02/04 11.53

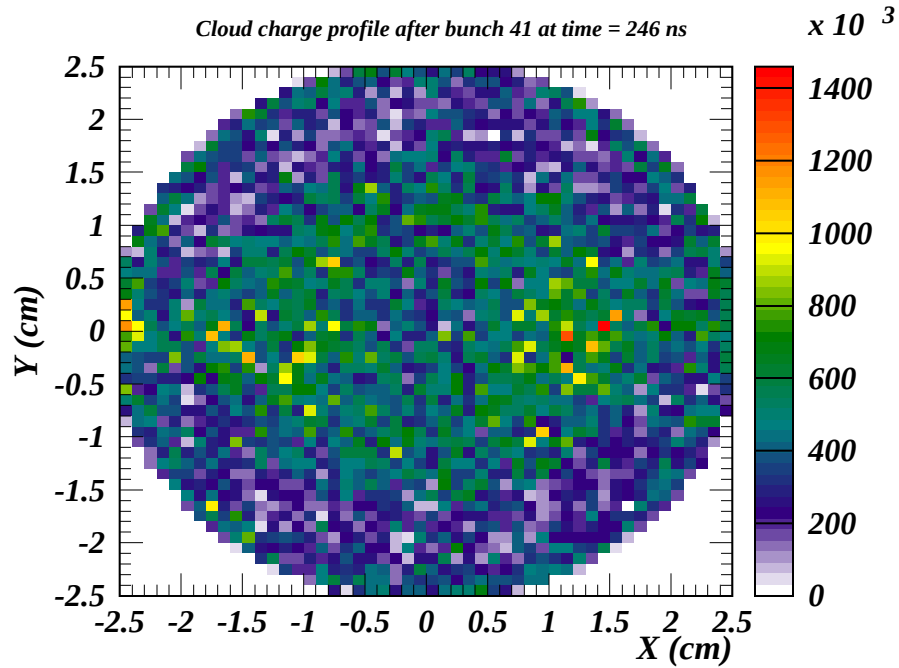


No energy cut: 21825 macroparticles, 737103424 e-

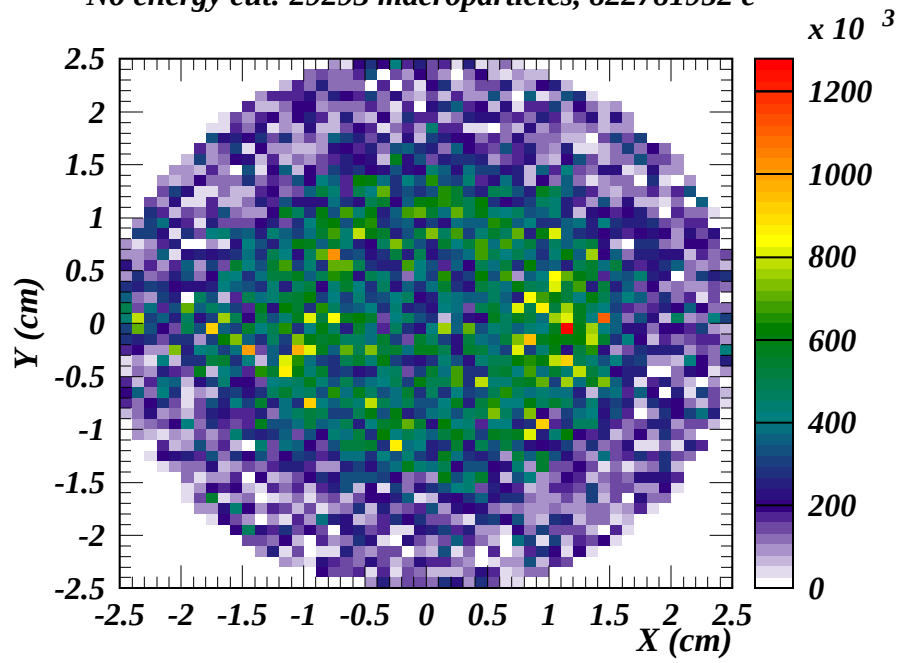


$E_{kin} > 10$ eV: 15009 macroparticles, 507551936 e-

10/02/04 11.53

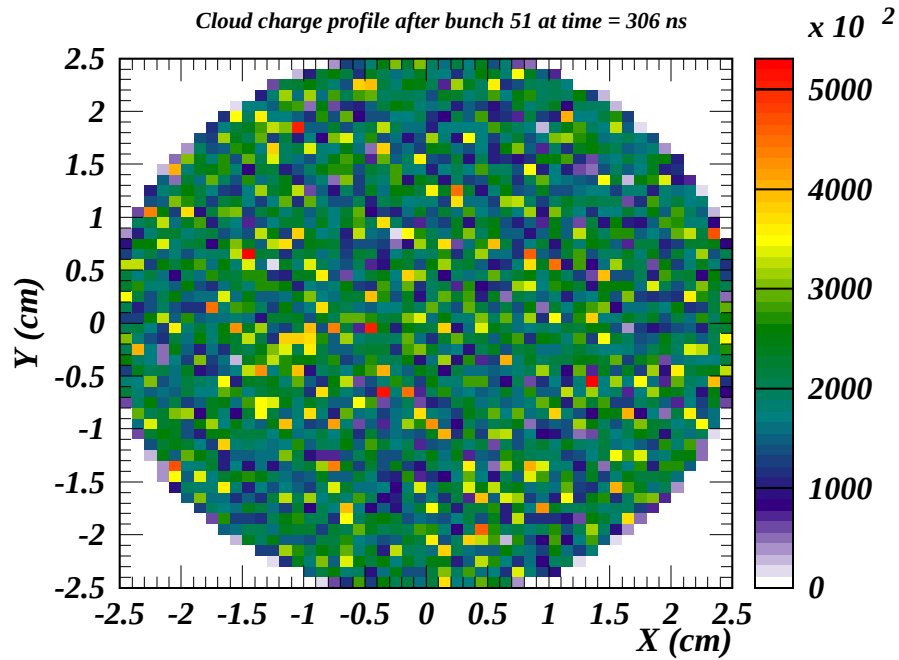


No energy cut: 29293 macroparticles, 822781952 e-

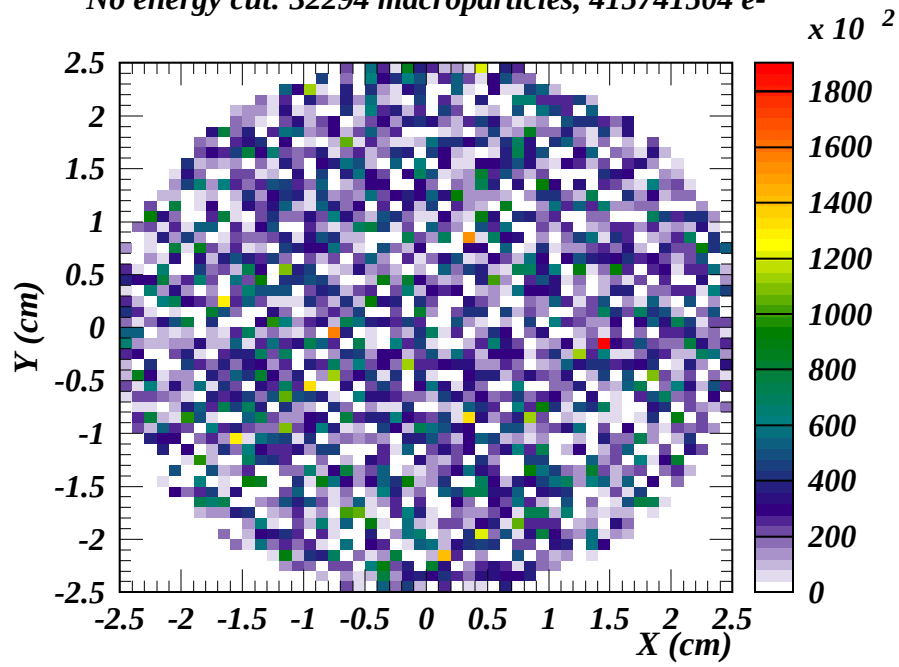


$E_{kin} > 10$ eV: 19972 macroparticles, 563655040 e-

10/02/04 11.53

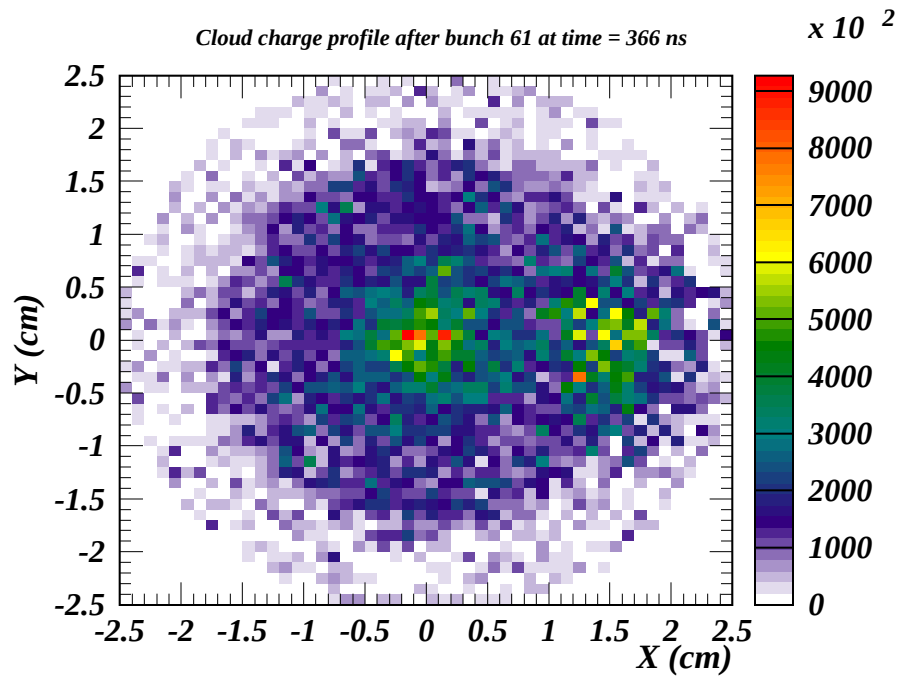


No energy cut: 32294 macroparticles, 415741504 e-

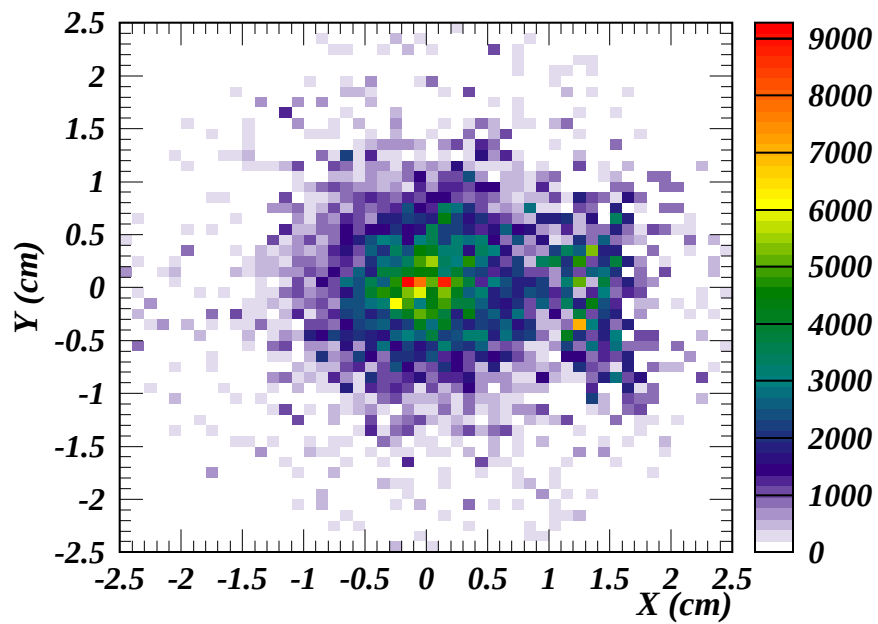


$E_{kin} > 10$ eV: 4947 macroparticles, 51254628 e-

10/02/04 11.53

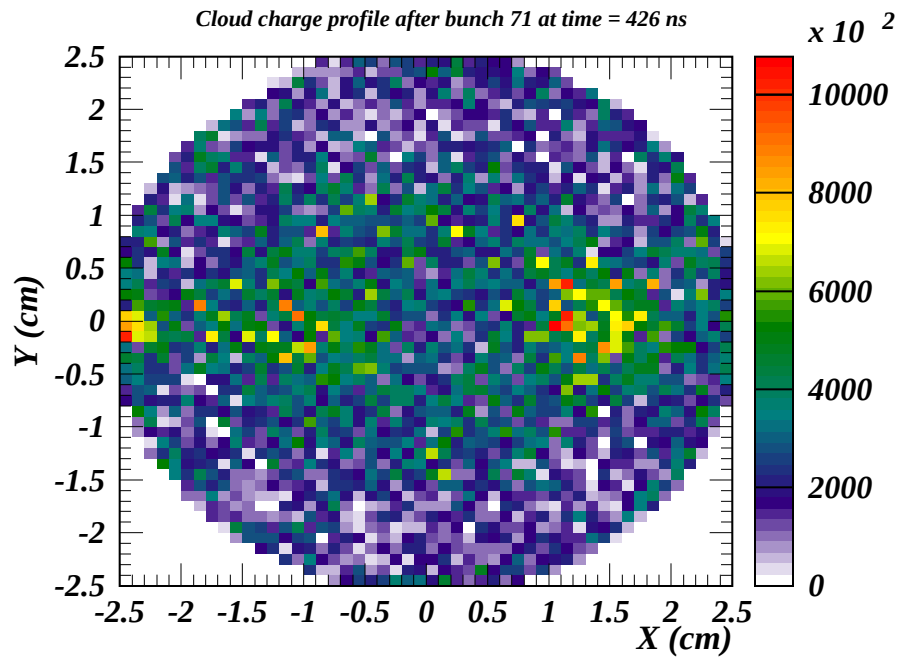


No energy cut: 32445 macroparticles, 236730368 e- $\times 10^{-2}$

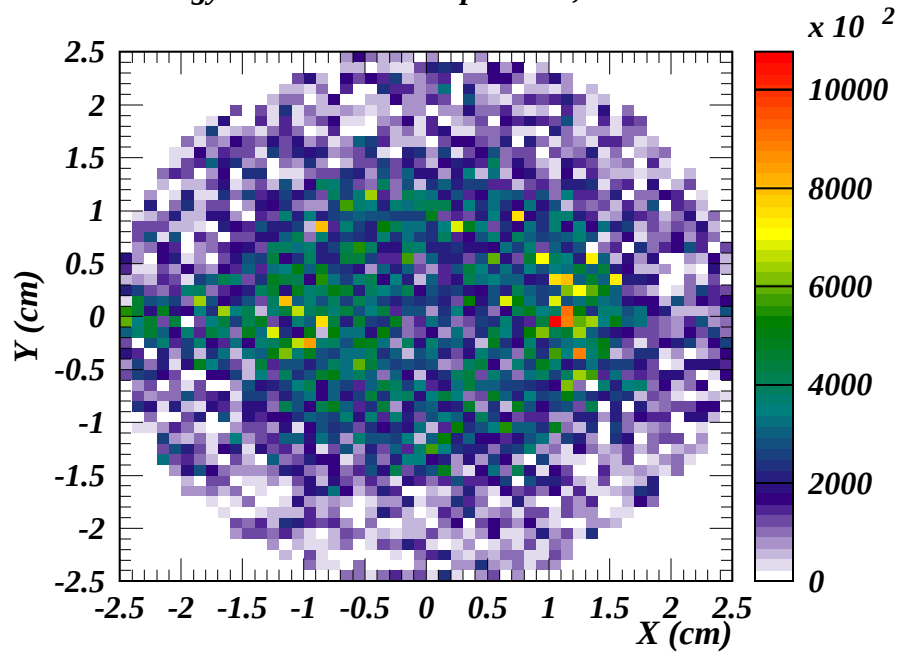


$E_{kin} > 10$ eV: 17524 macroparticles, 123849136 e-

10/02/04 11.53

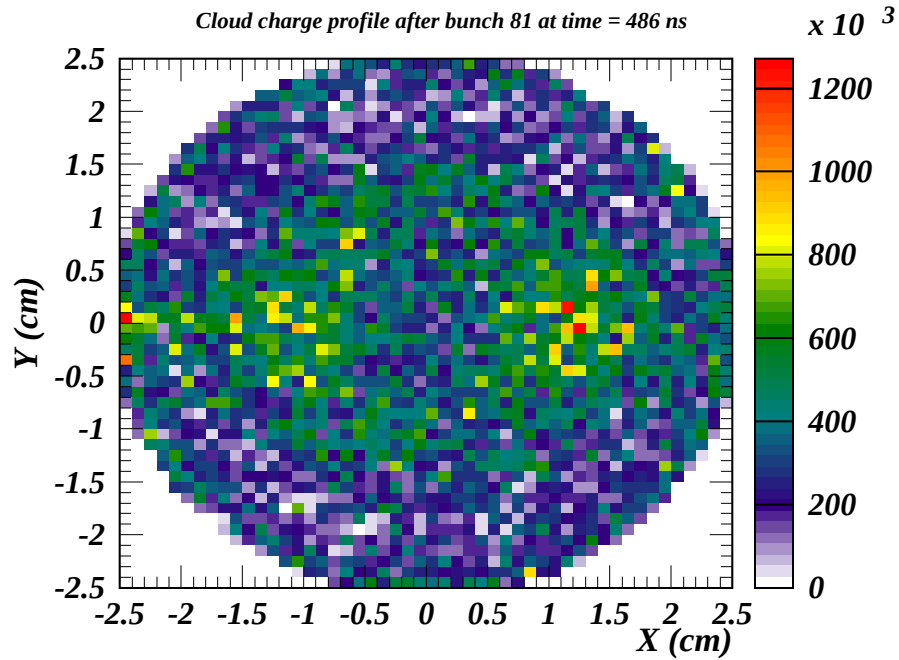


No energy cut: 39133 macroparticles, 536304256 e-

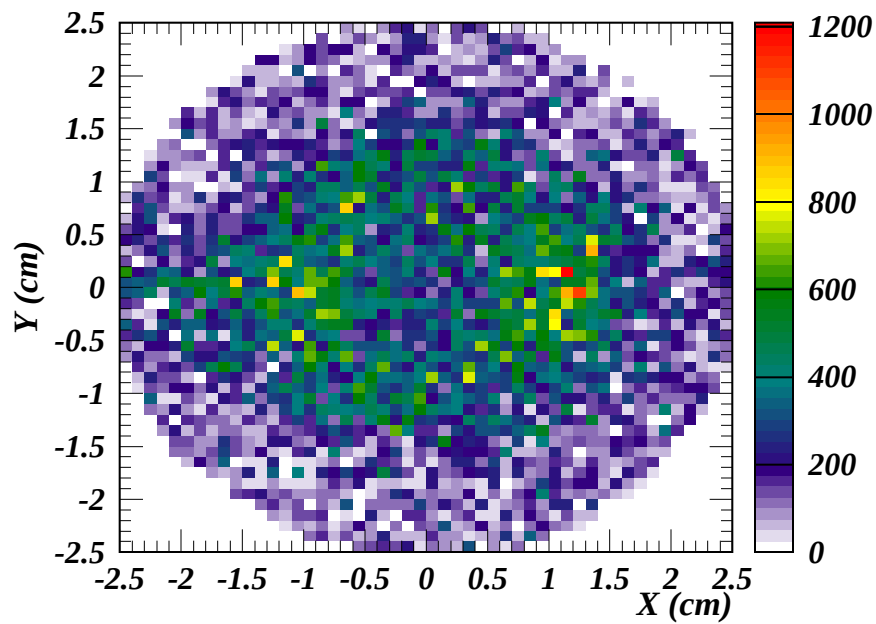


$E_{kin} > 10$ eV: 26921 macroparticles, 368232320 e-

10/02/04 11.54

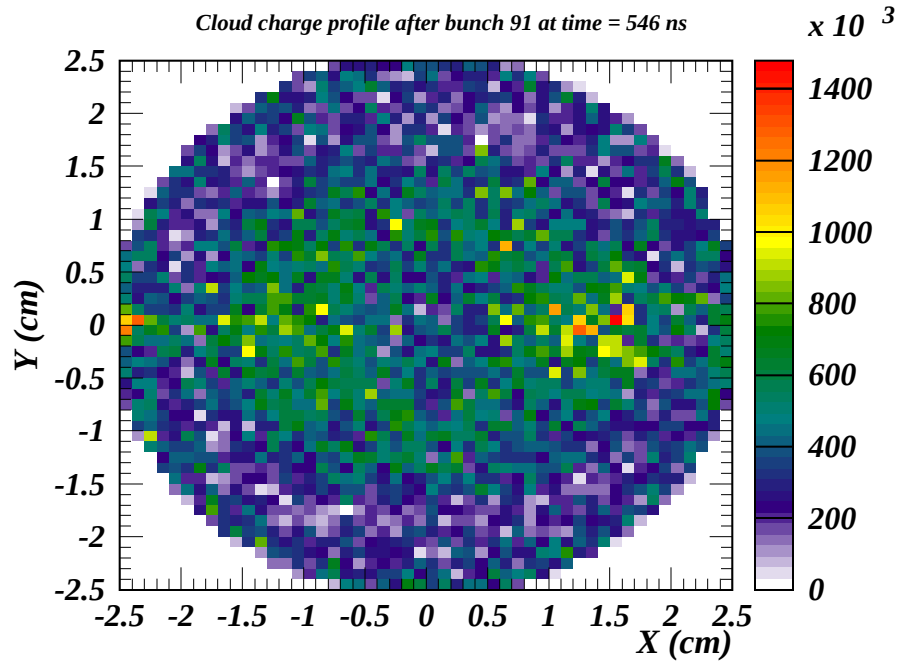


No energy cut: 46487 macroparticles, 702102272 e- $\times 10^3$

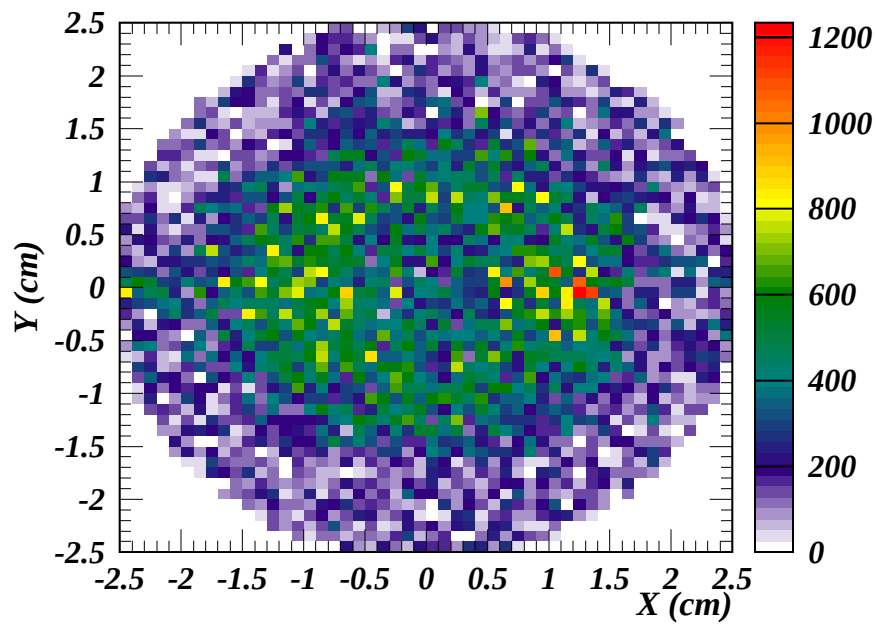


$E_{kin} > 10$ eV: 31695 macroparticles, 480350816 e-

10/02/04 11.54

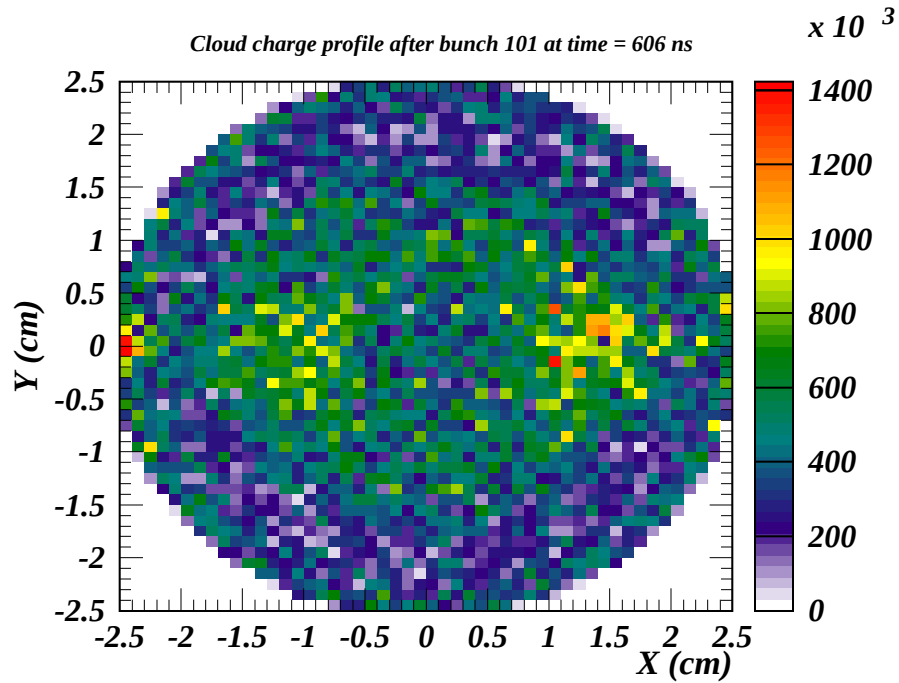


No energy cut: 53926 macroparticles, 803057920 e- $\times 10^3$

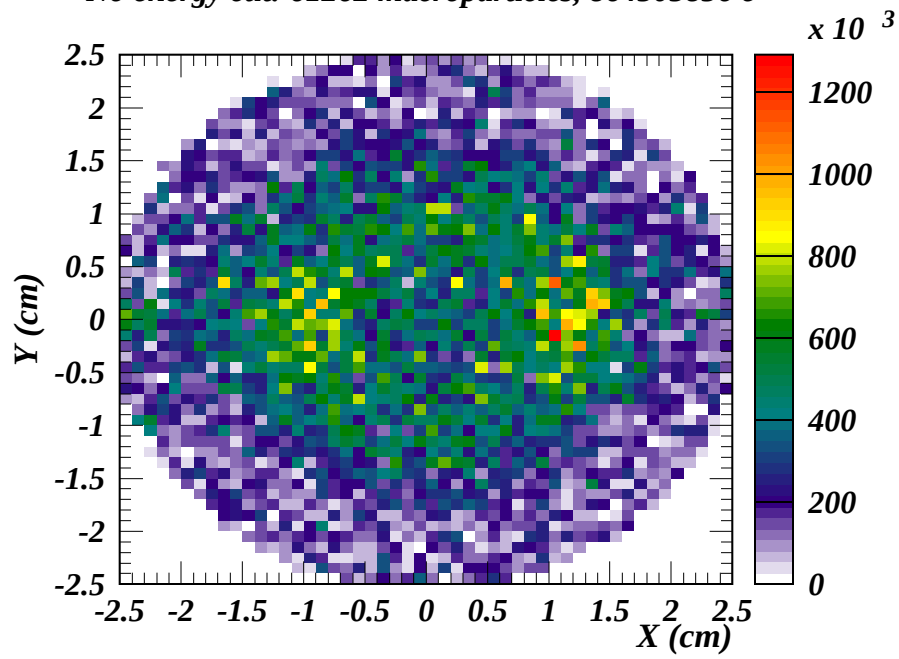


$E_{kin} > 10$ eV: 36741 macroparticles, 550152832 e-

10/02/04 11.54

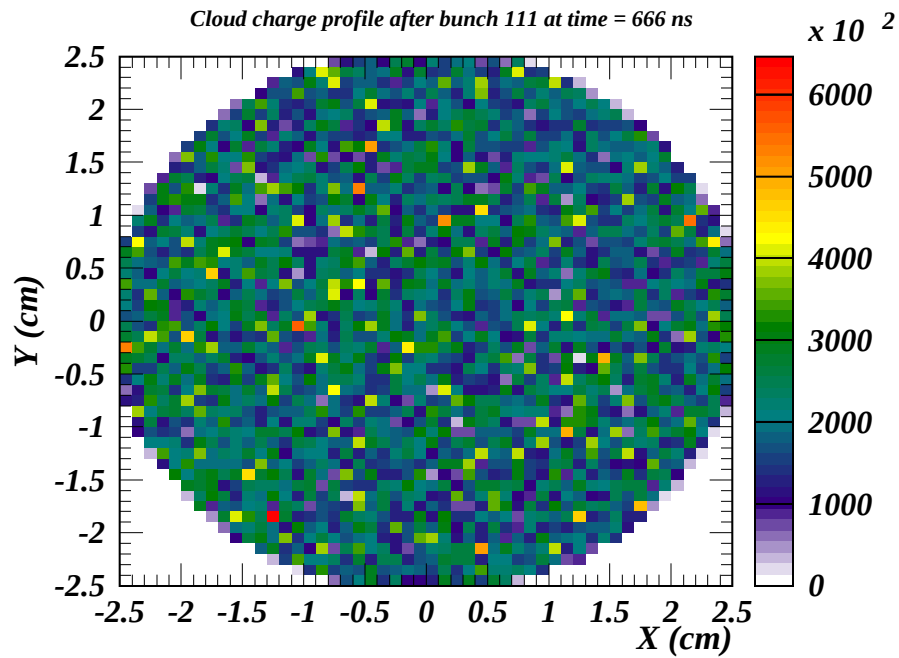


No energy cut: 61262 macroparticles, 864505856 e-

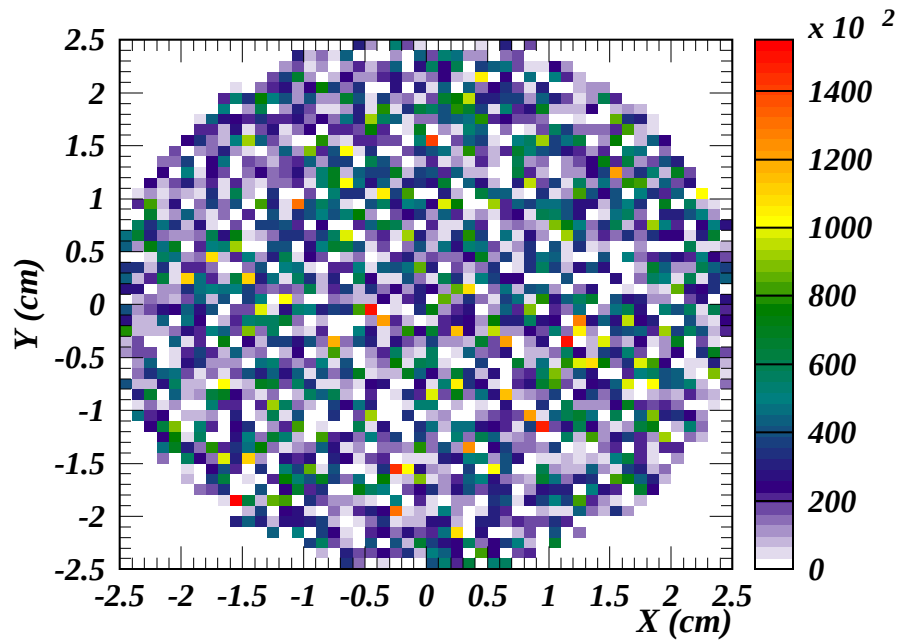


$E_{kin} > 10$ eV: 41938 macroparticles, 592917312 e-

10/02/04 11.54

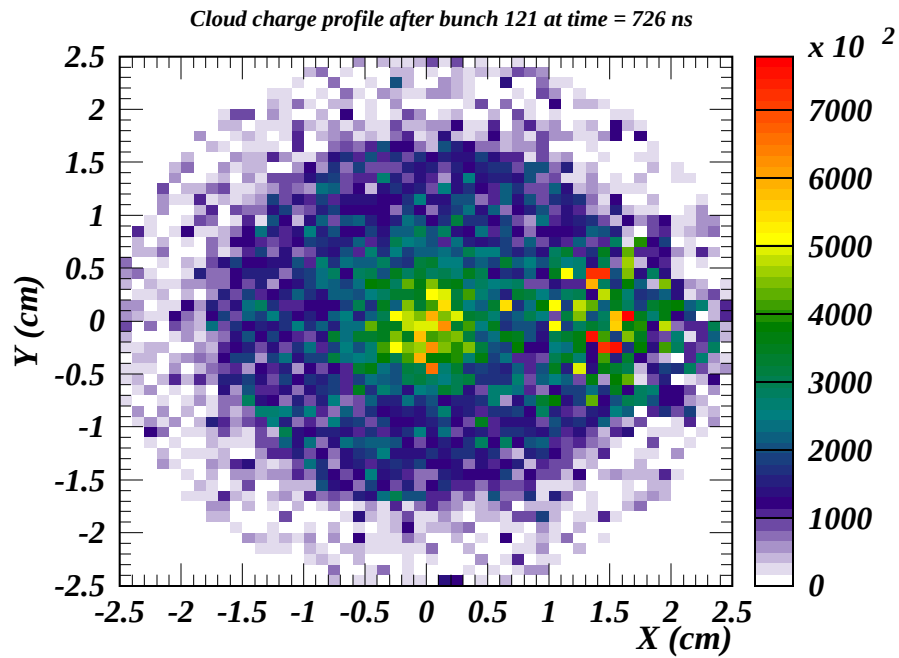


No energy cut: 63497 macroparticles, 430582336 e-

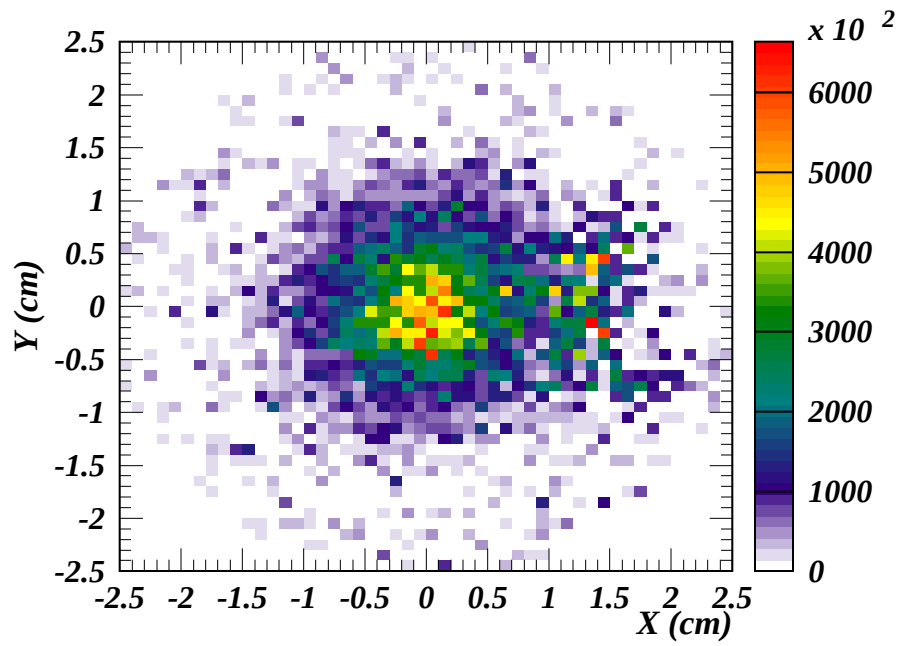


$E_{kin} > 10 \text{ eV}$: 9738 macroparticles, 53967204 e-

10/02/04 11.54

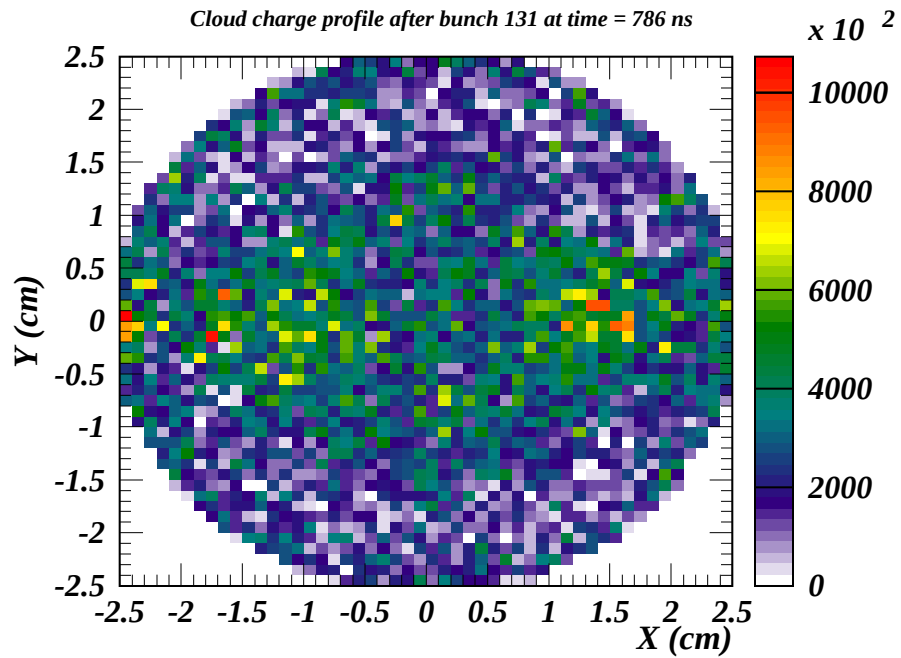


No energy cut: 61543 macroparticles, 241572320 e-

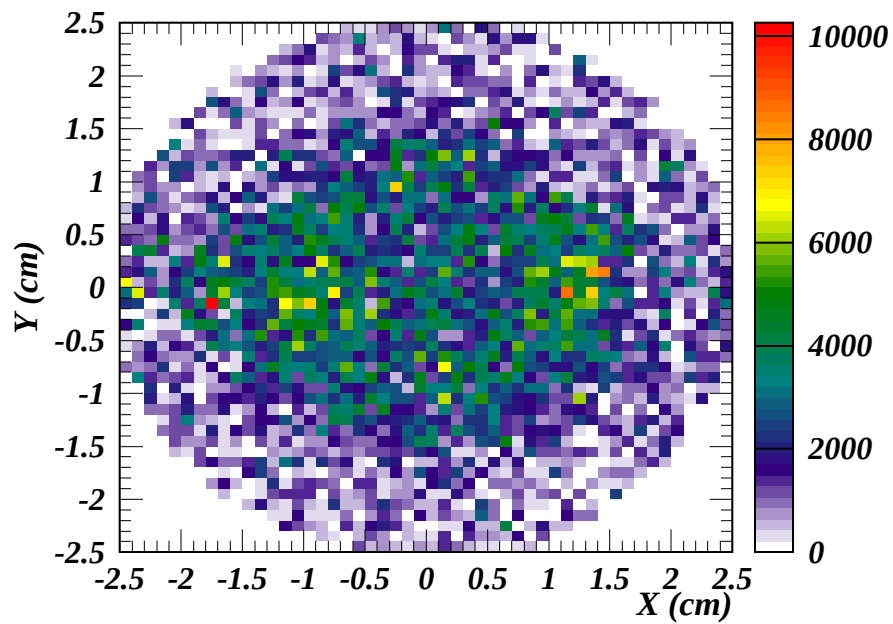


$E_{kin} > 10$ eV: 33164 macroparticles, 123203600 e-

10/02/04 11.54

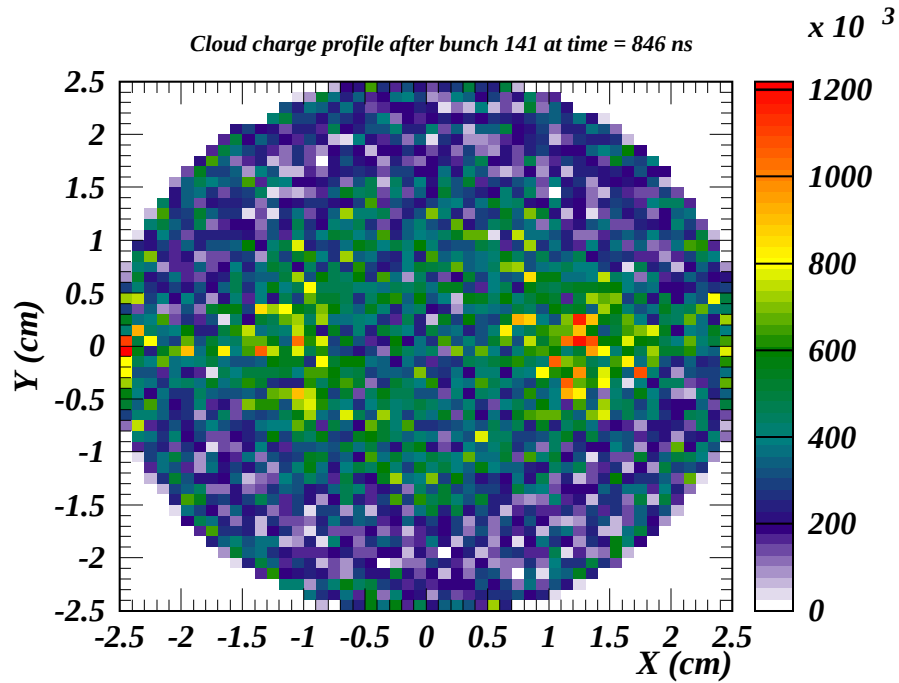


No energy cut: 66433 macroparticles, 536568320 e- $\times 10^2$

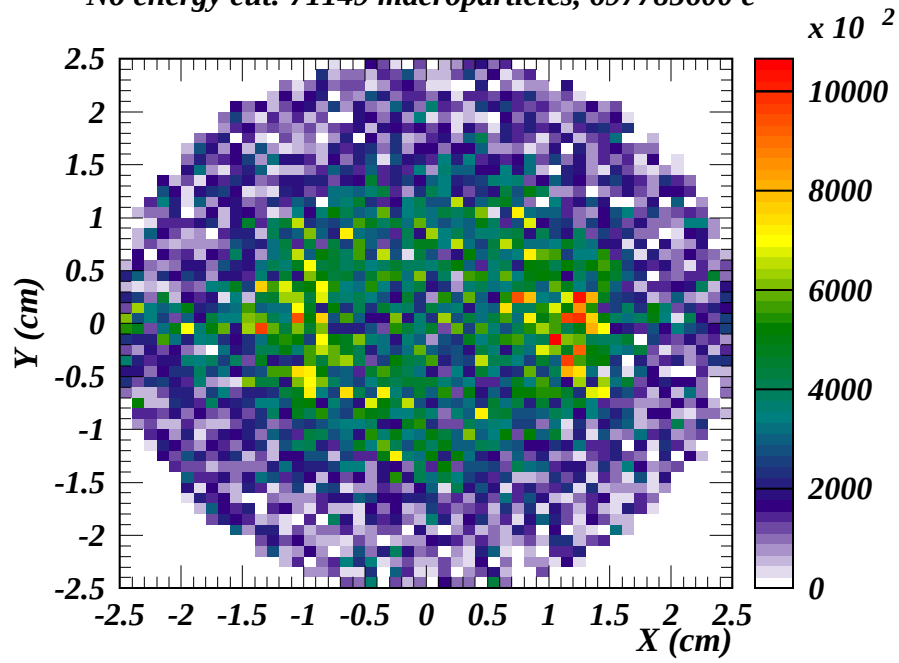


$E_{kin} > 10$ eV: 45616 macroparticles, 370421824 e-

10/02/04 11.54

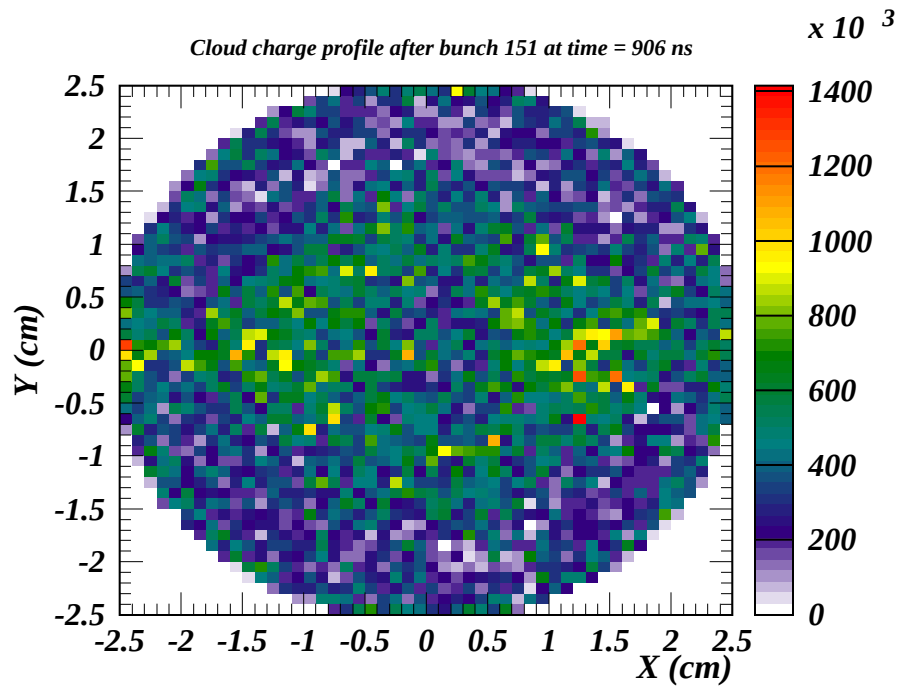


No energy cut: 71149 macroparticles, 697785600 e-

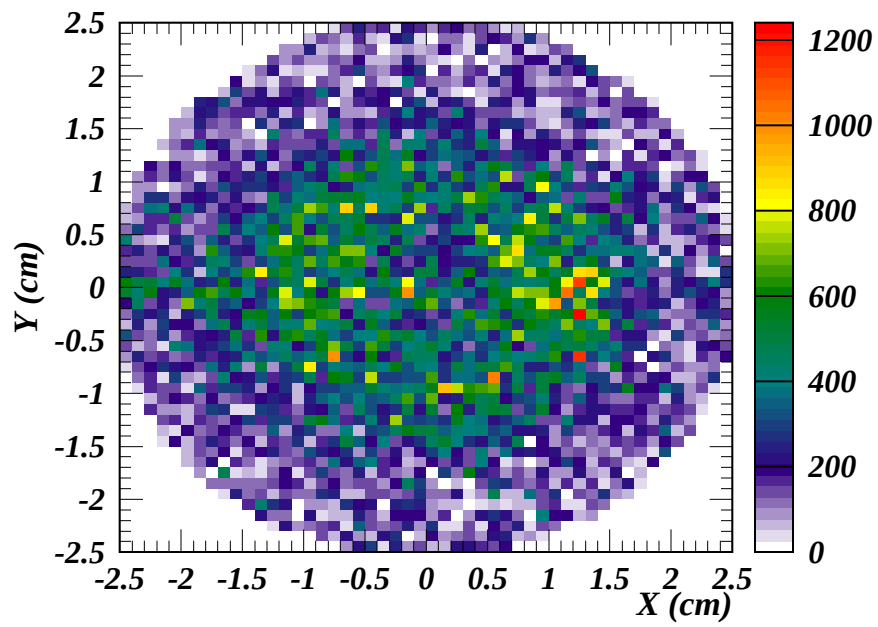


$E_{kin} > 10$ eV: 49106 macroparticles, 480667584 e-

10/02/04 11.54

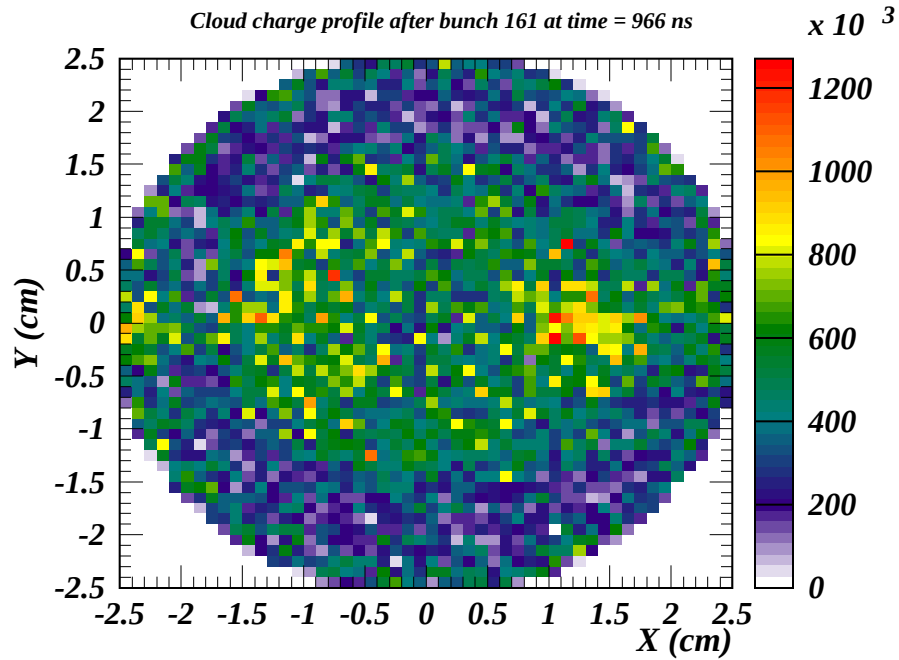


No energy cut: 75449 macroparticles, 795557952 e- $\times 10^3$

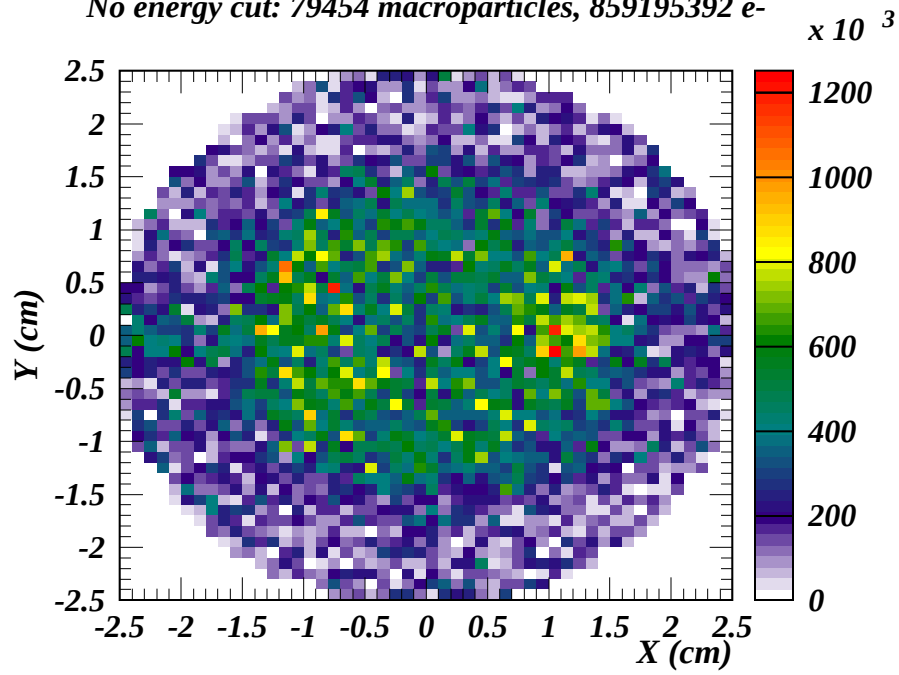


$E_{kin} > 10$ eV: 51763 macroparticles, 542402624 e-

10/02/04 11.54

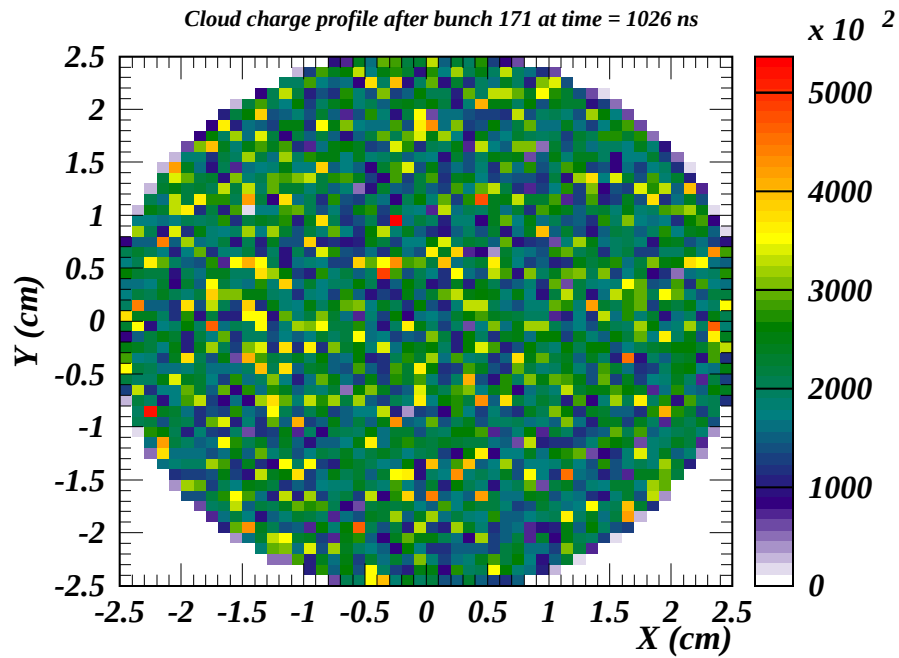


No energy cut: 79454 macroparticles, 859195392 e-

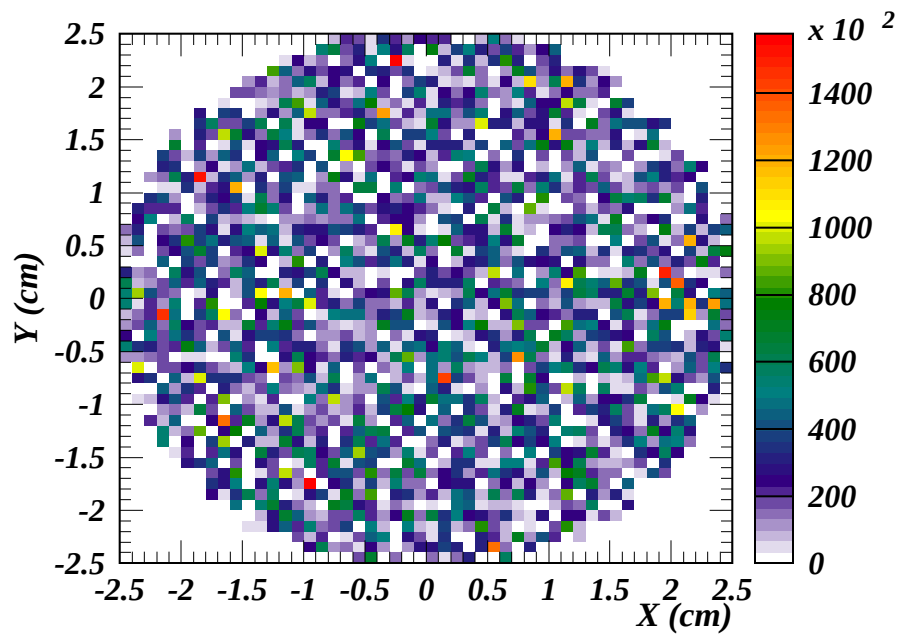


$E_{kin} > 10$ eV: 54526 macroparticles, 585013504 e-

10/02/04 11.54

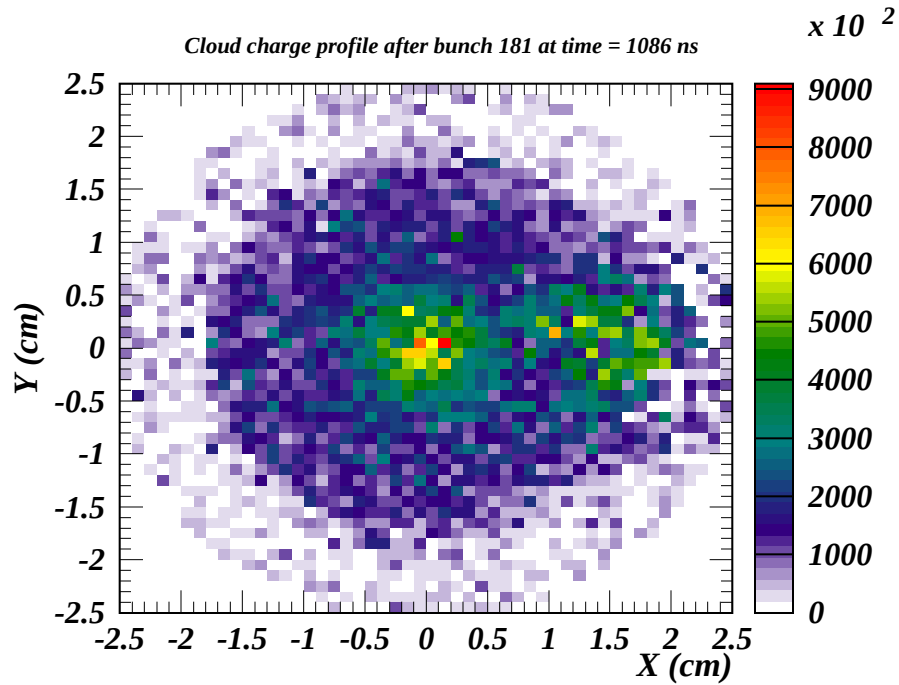


No energy cut: 77198 macroparticles, 427353824 e-

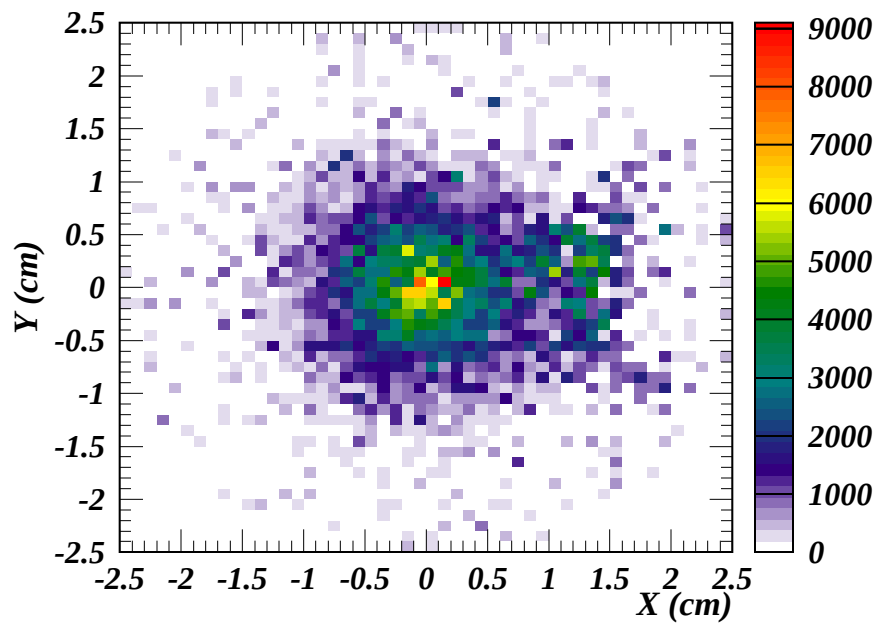


$E_{kin} > 10$ eV: 11505 macroparticles, 54496024 e-

10/02/04 11.54



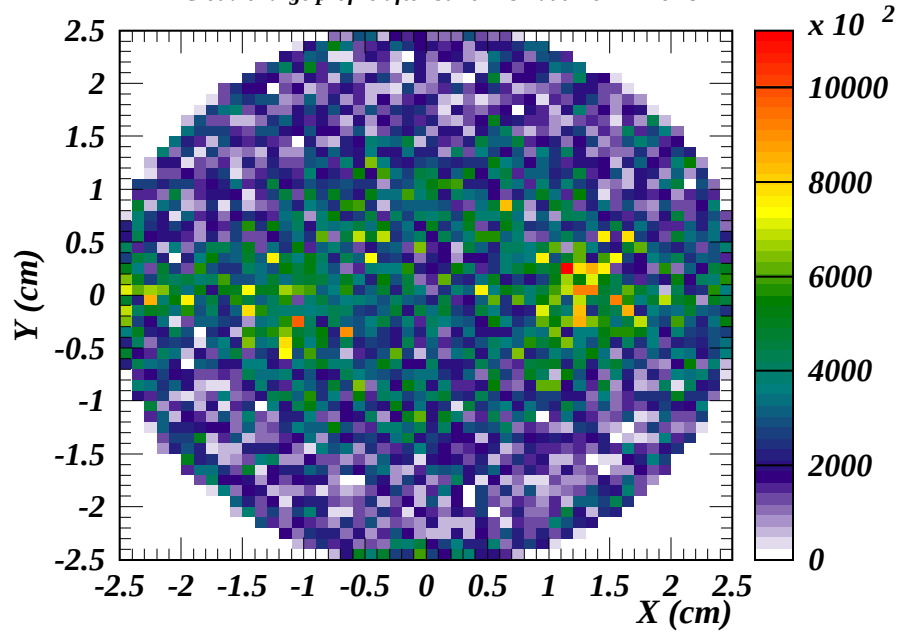
No energy cut: 70865 macroparticles, 240652400 e- $\times 10^{-2}$



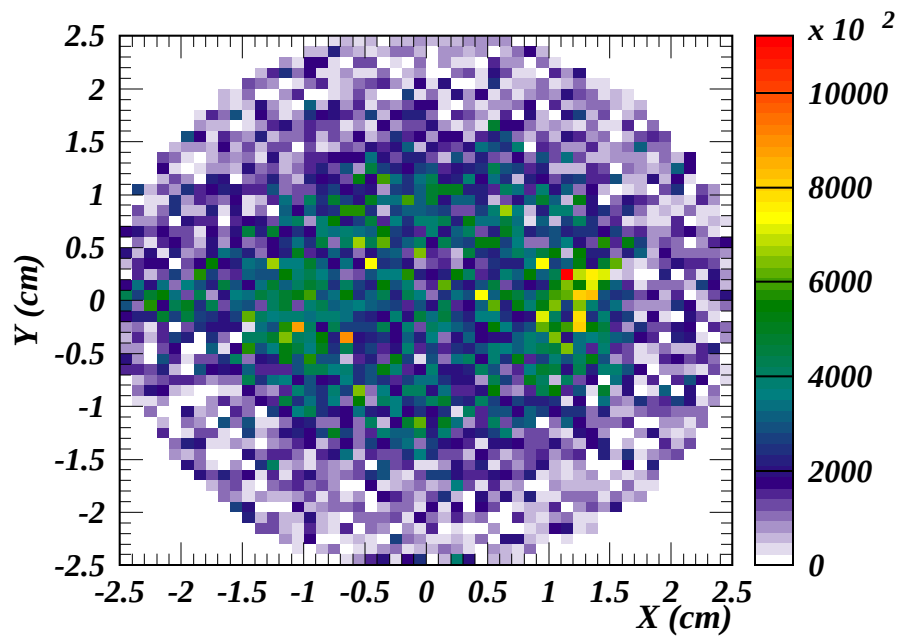
$E_{kin} > 10$ eV: 38375 macroparticles, 125965680 e-

10/02/04 11.54

Cloud charge profile after bunch 191 at time = 1146 ns

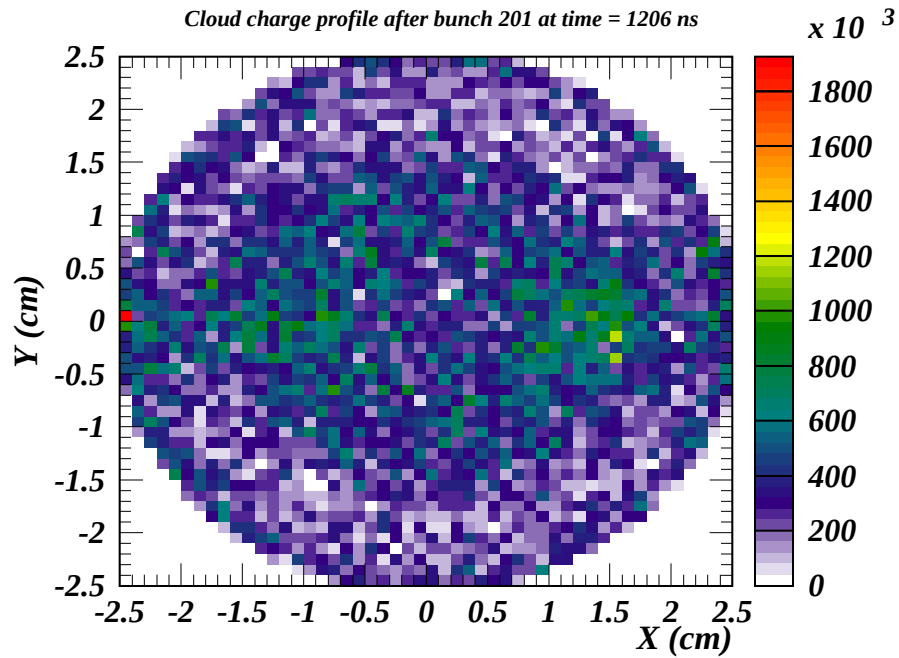


No energy cut: 73702 macroparticles, 540708096 e-

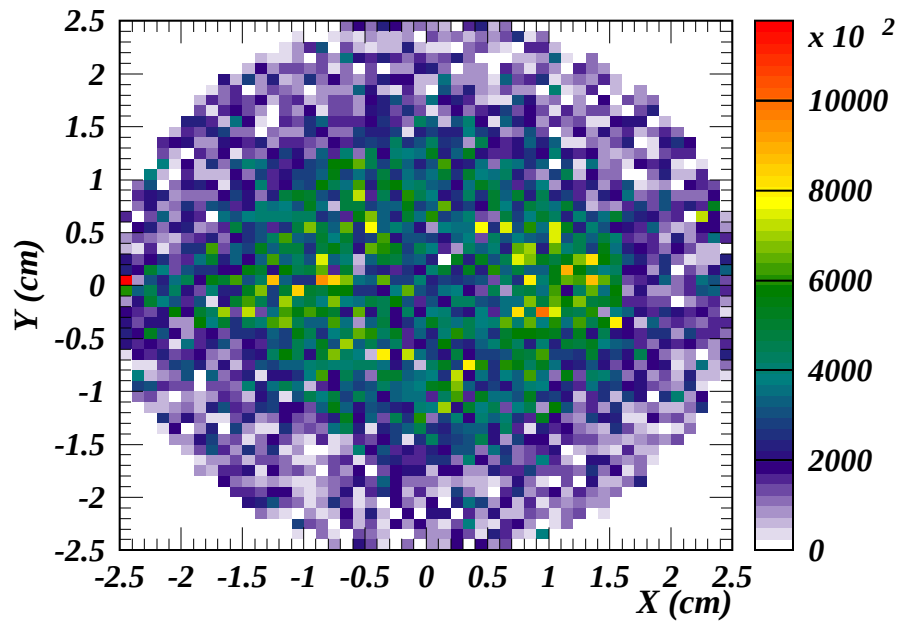


$E_{kin} > 10$ eV: 50685 macroparticles, 375325888 e-

10/02/04 11.54



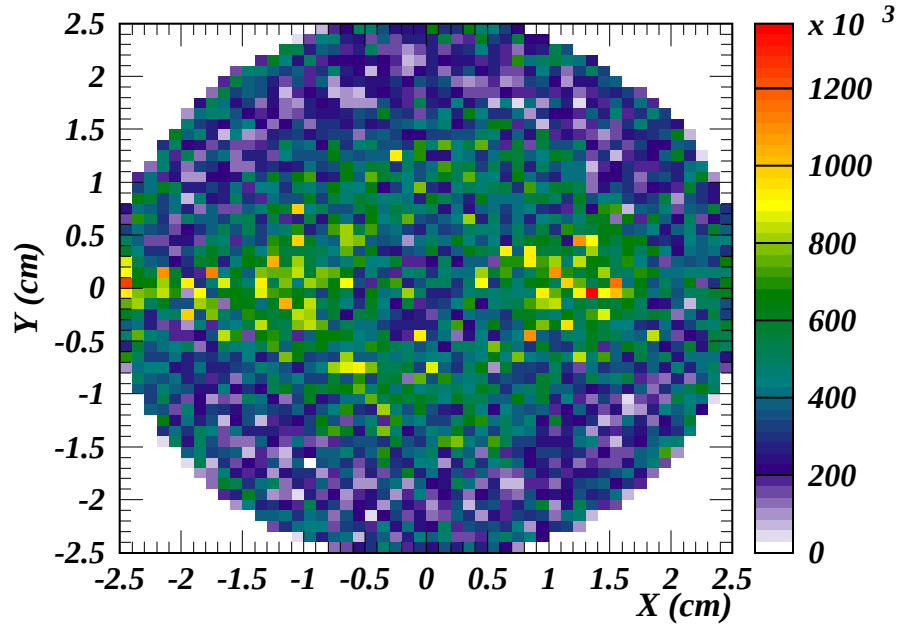
No energy cut: 76478 macroparticles, 703479808 e-



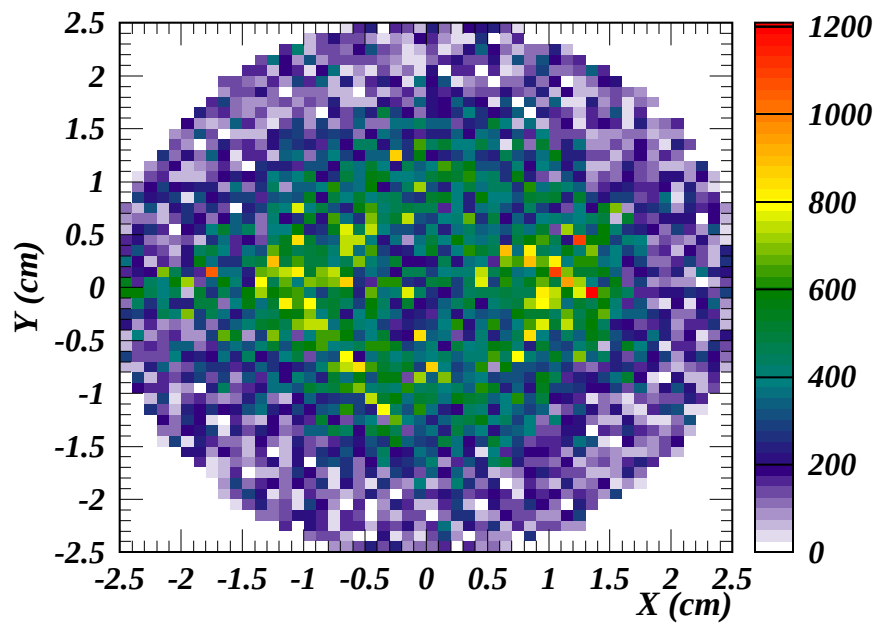
$E_{kin} > 10$ eV: 52511 macroparticles, 482476320 e-

10/02/04 11.54

Cloud charge profile after bunch 211 at time = 1266 ns

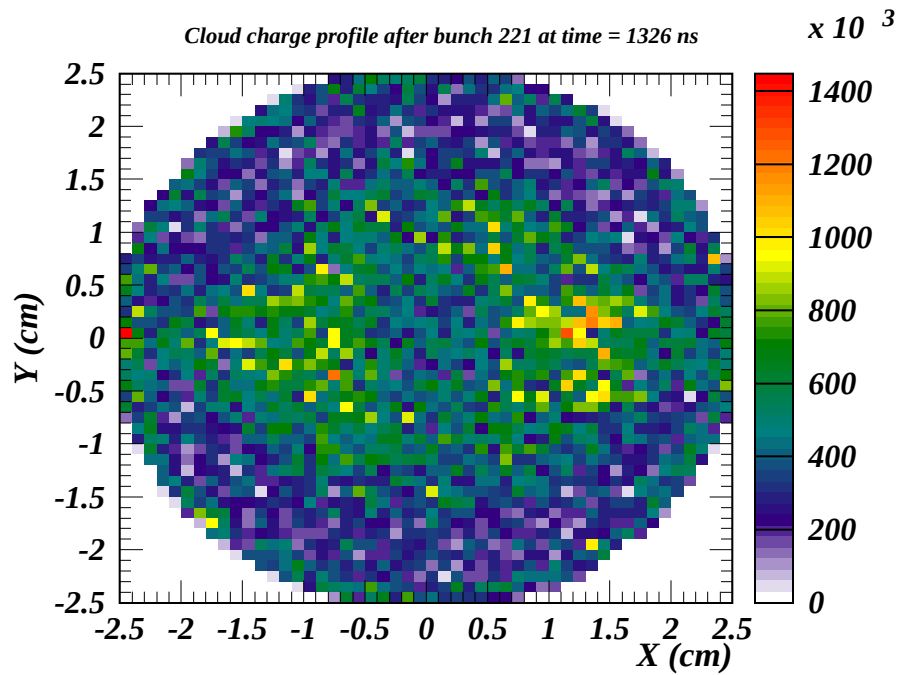


No energy cut: 79317 macroparticles, 805162944 e- $\times 10^3$

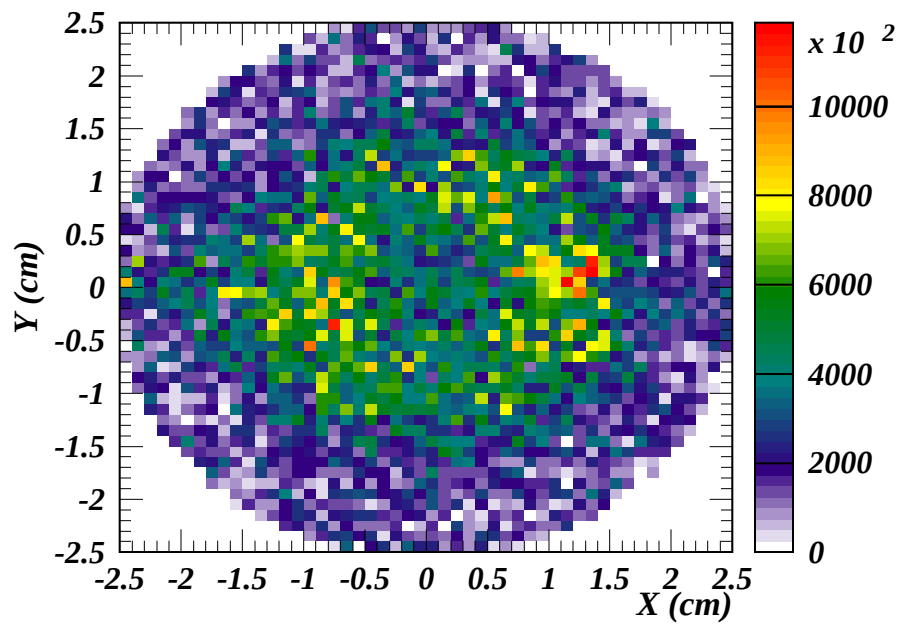


$E_{kin} > 10$ eV: 54608 macroparticles, 553399680 e-

10/02/04 11.55

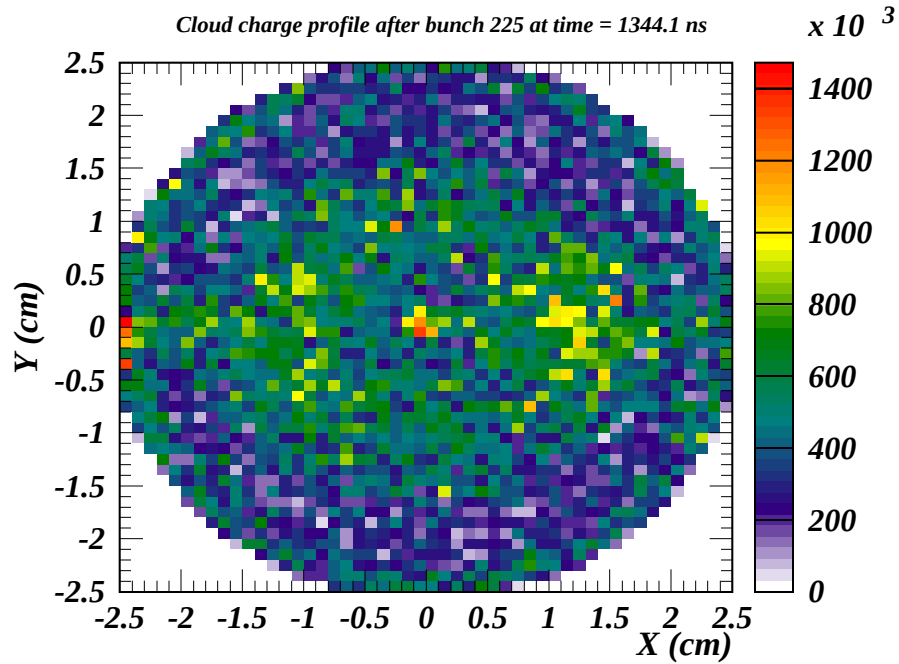


No energy cut: 82154 macroparticles, 868865216 e-

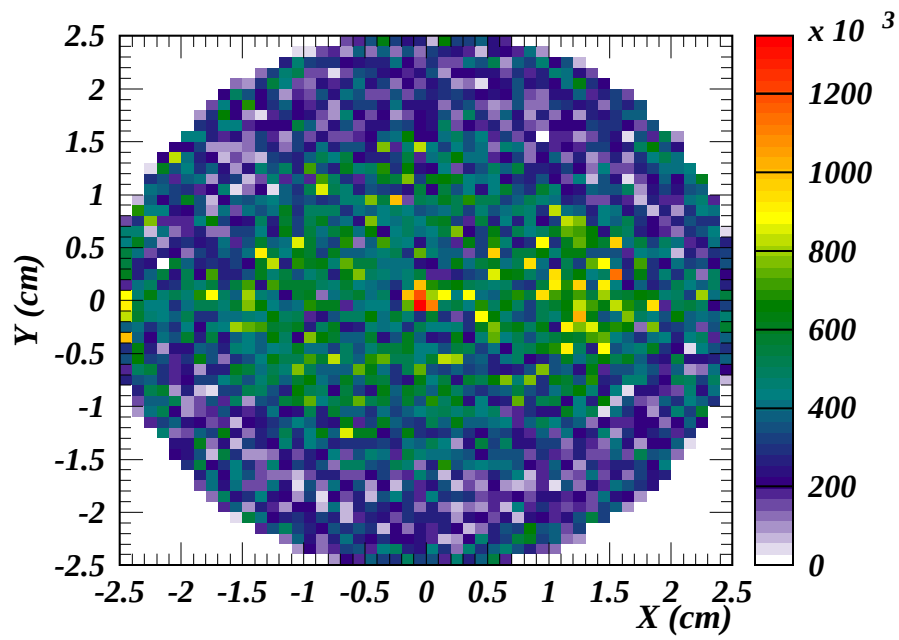


$E_{kin} > 10$ eV: 56350 macroparticles, 598924736 e-

10/02/04 11.55

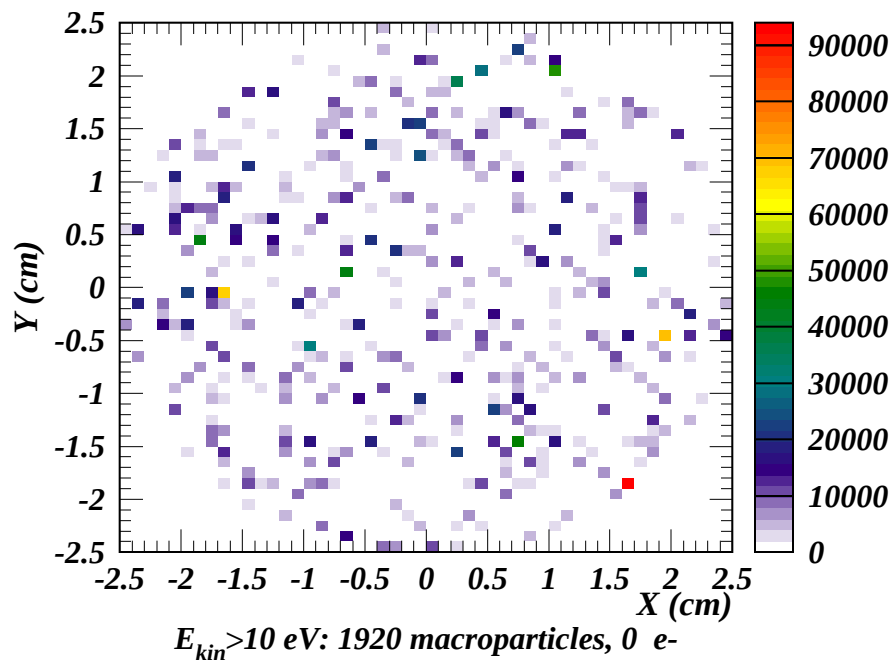
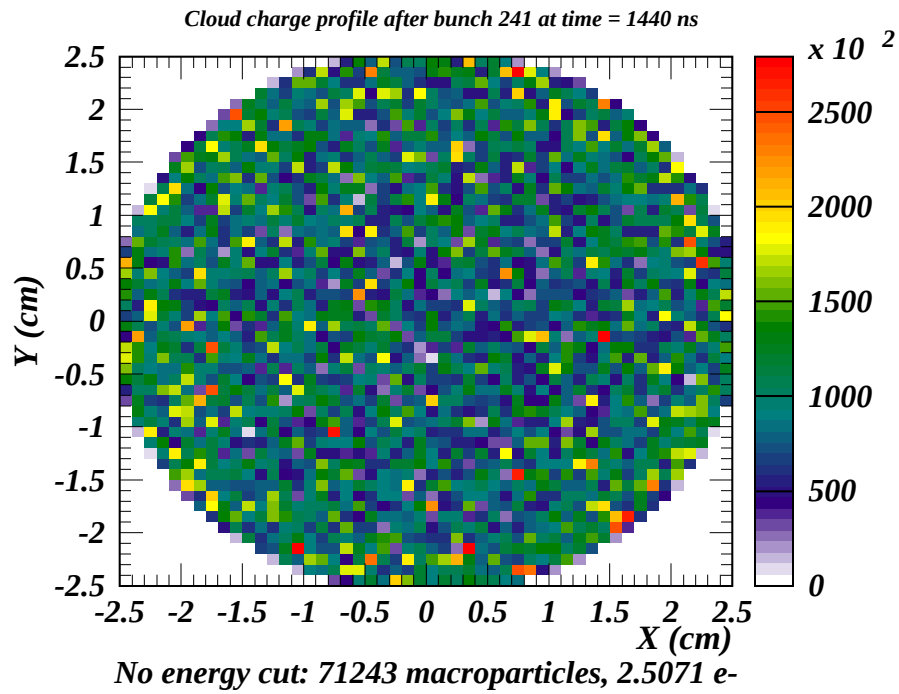


No energy cut: 82954 macroparticles, 926100160 e-



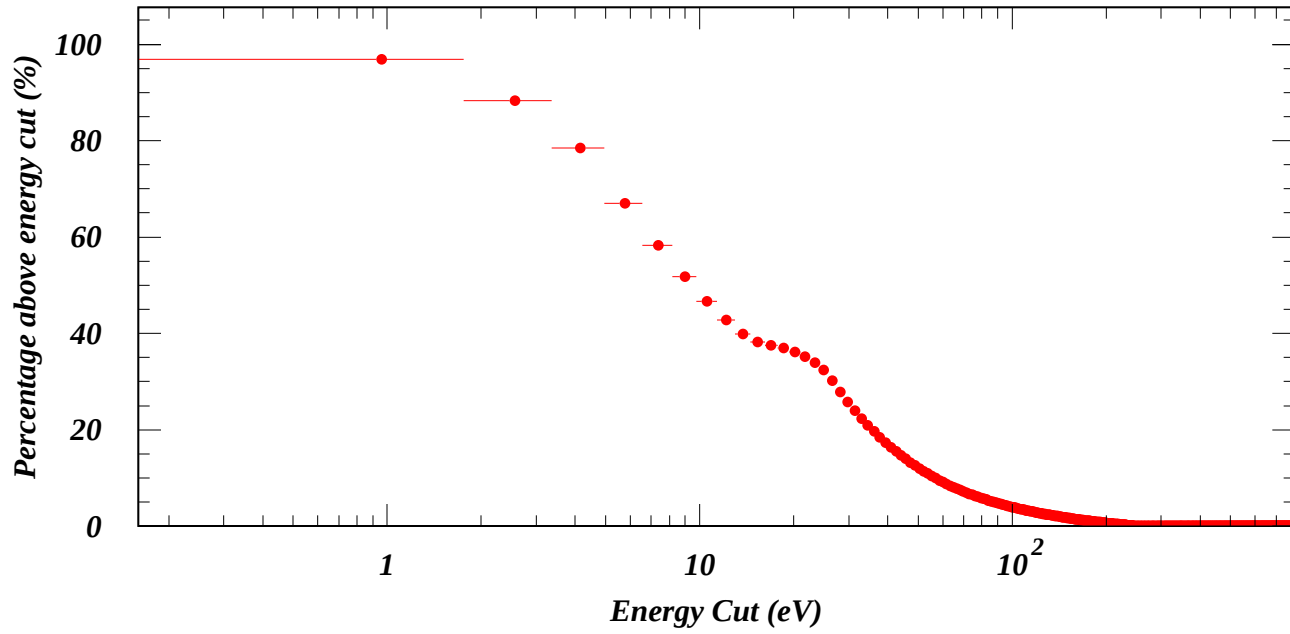
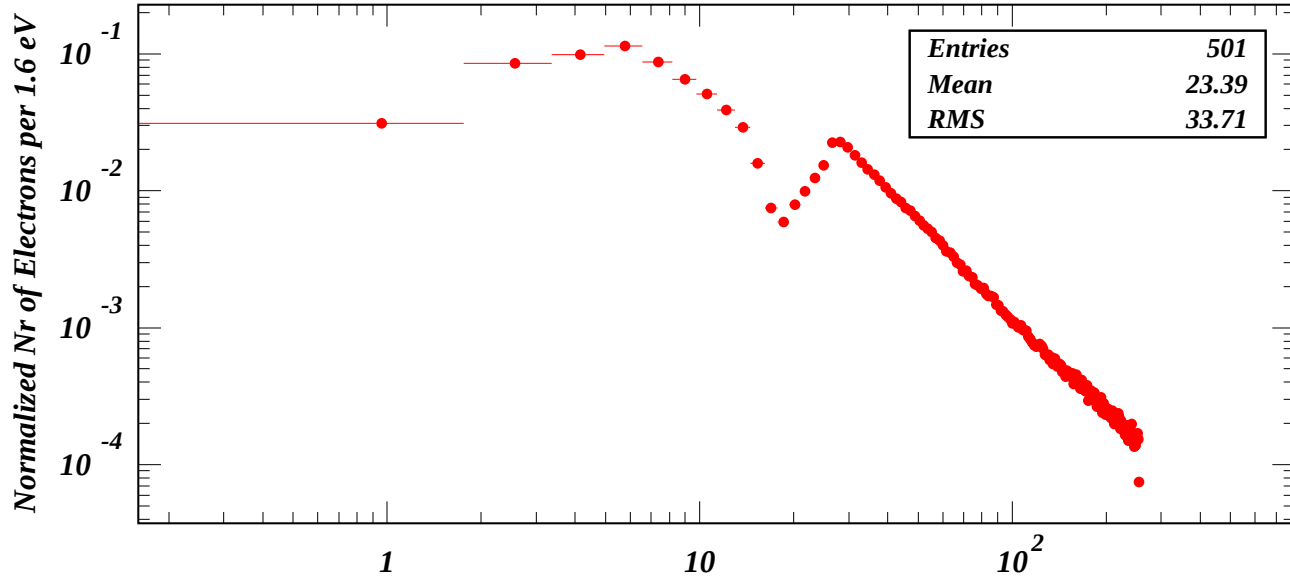
$E_{kin} > 10$ eV: 69099 macroparticles, 760255488 e-

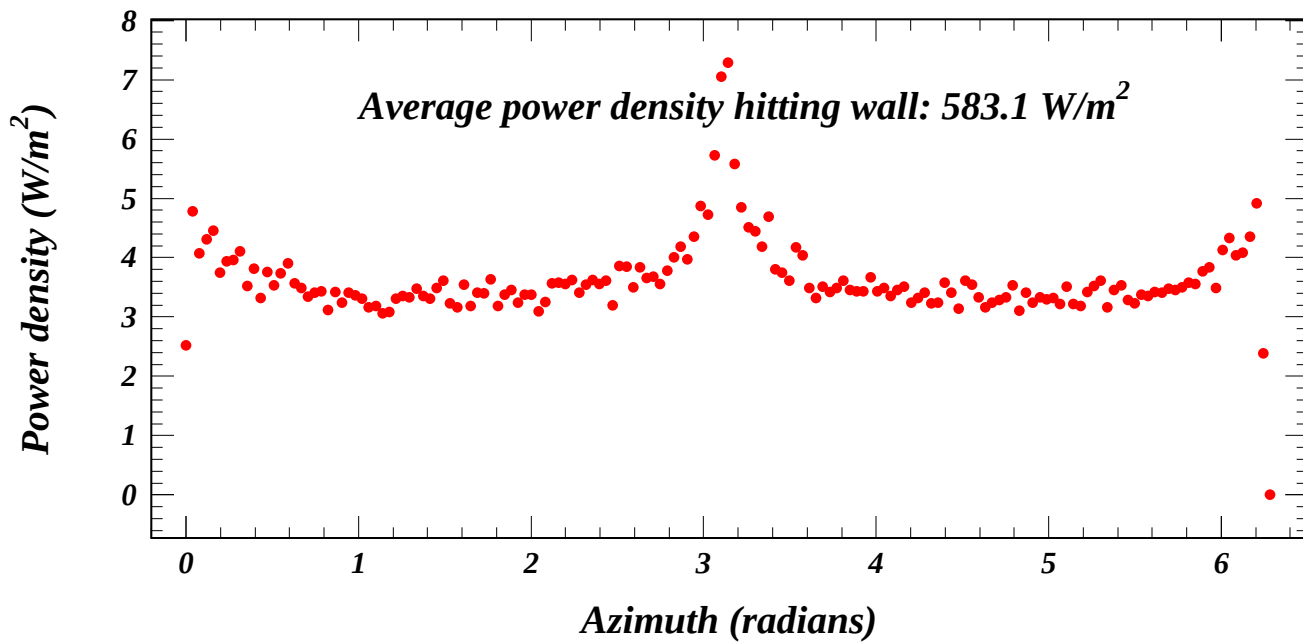
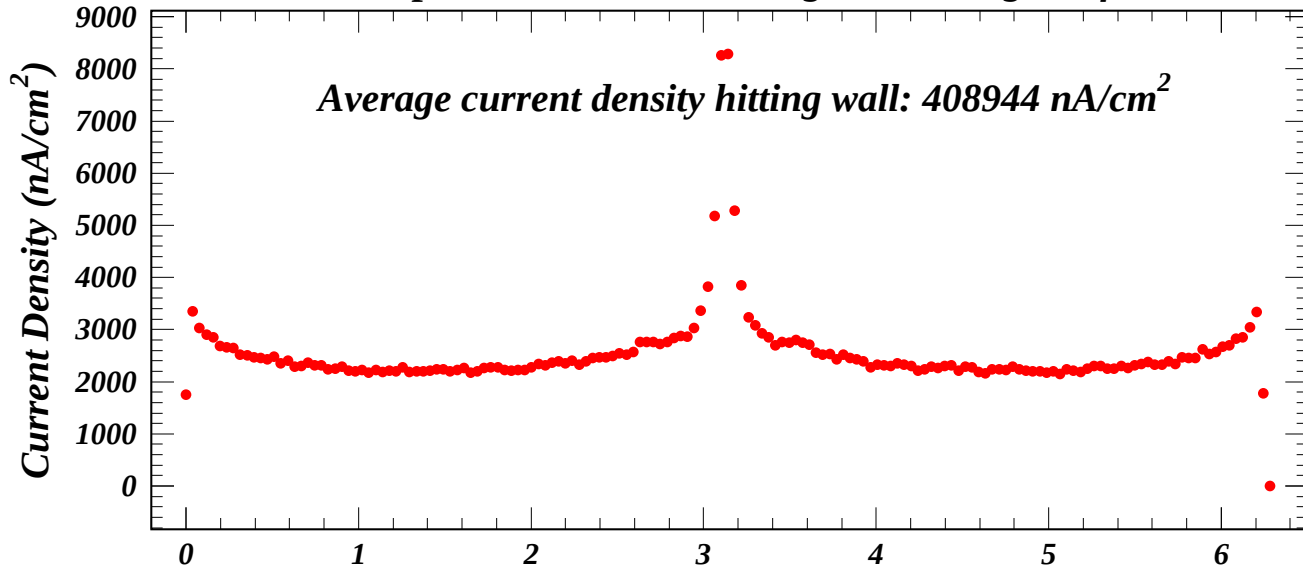
10/02/04 11.55

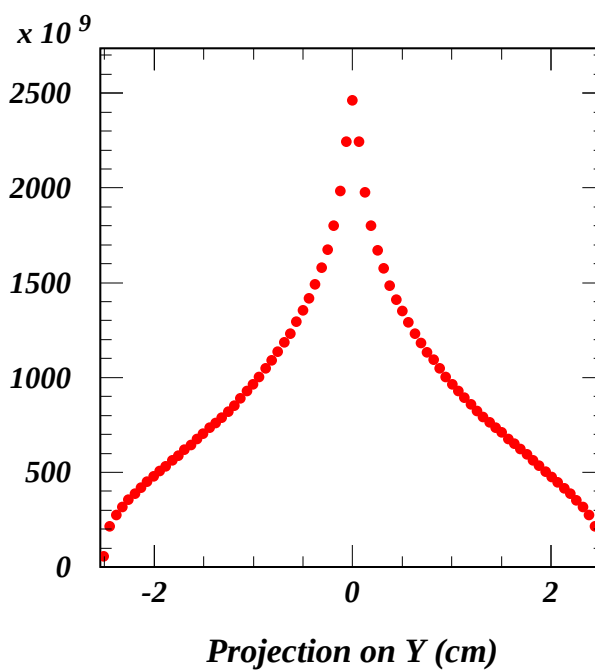
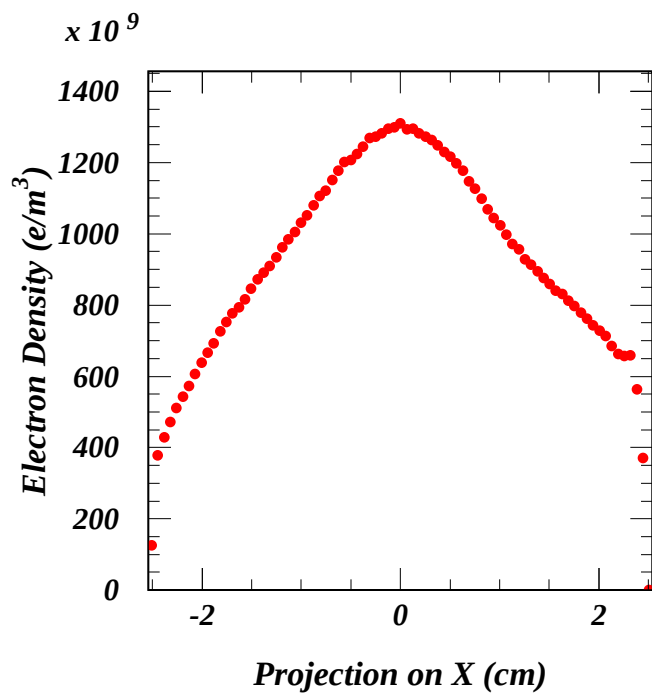
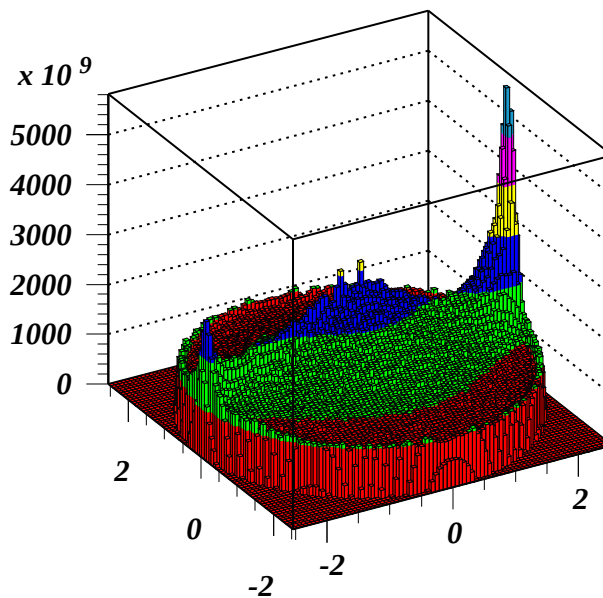
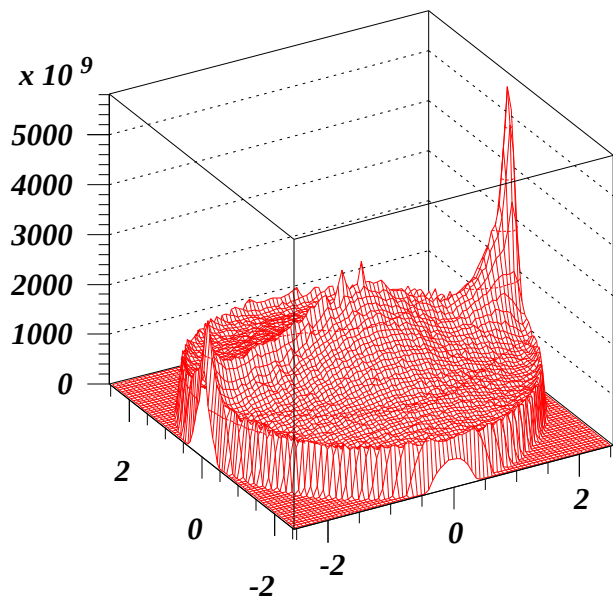


10/02/04 11:55

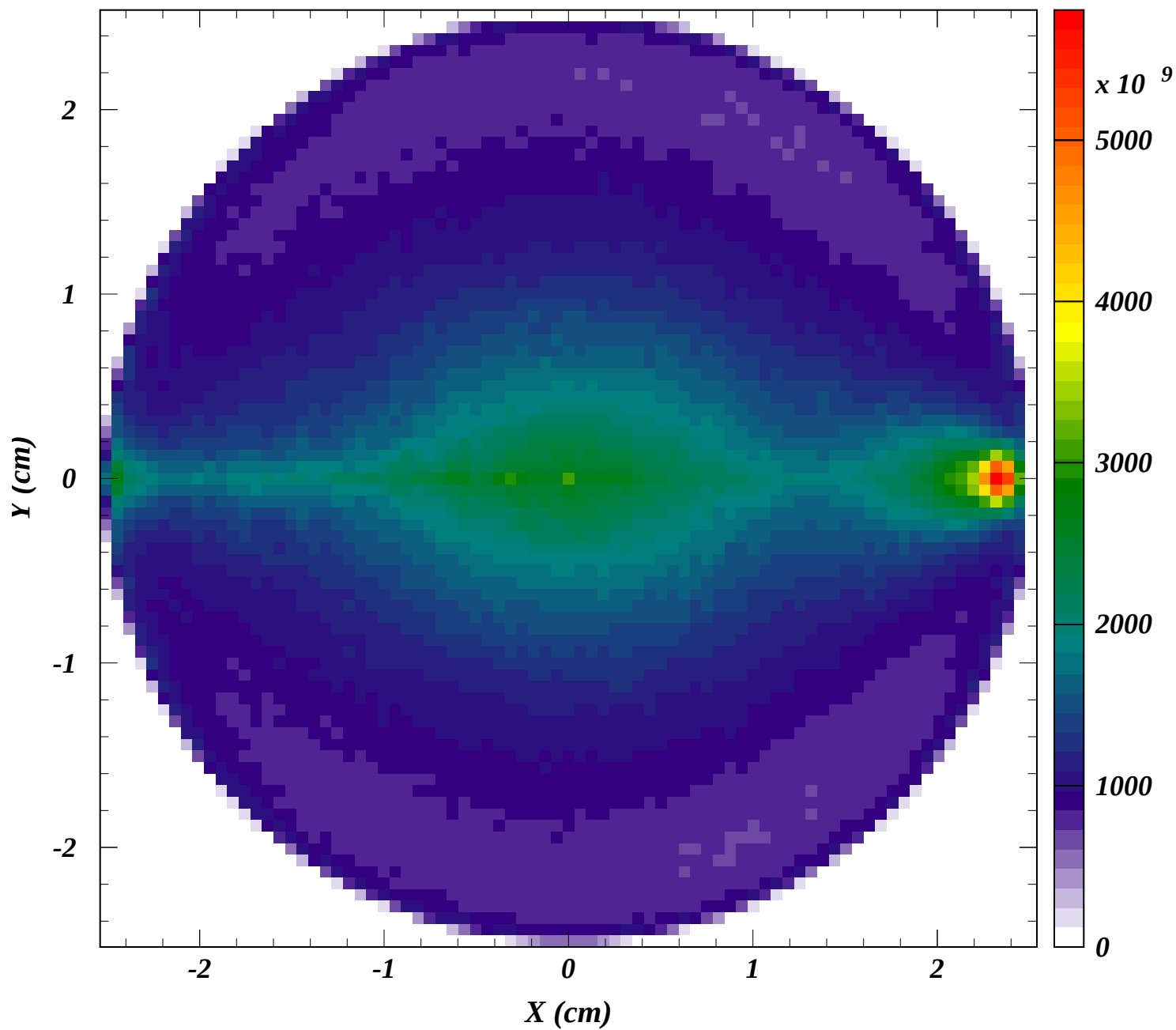
ECLOUD-DR20100203_pos_dri_red: Time-Integrated Energies of Electrons Hitting Wa



ECLOUD-DR20100203_pos_dri_red: Time-Integrated Energies of Electrons Hitting Wa

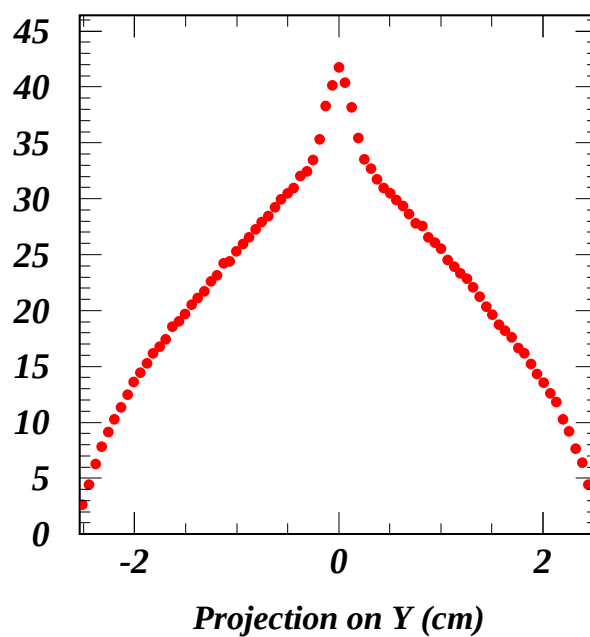
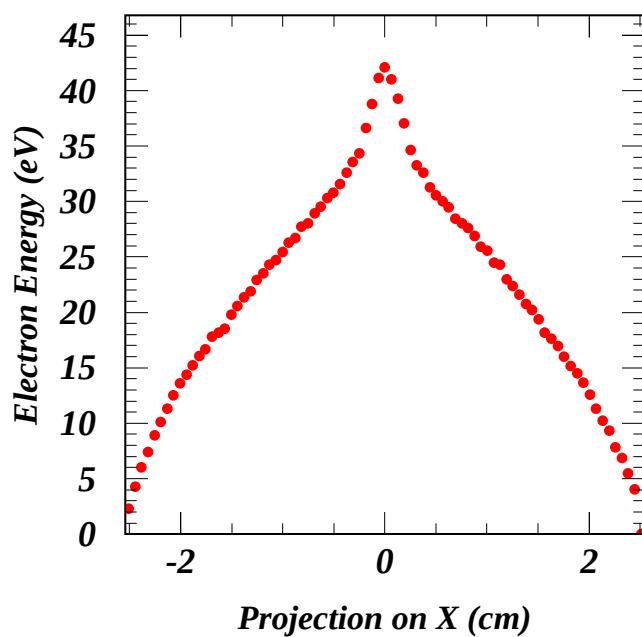
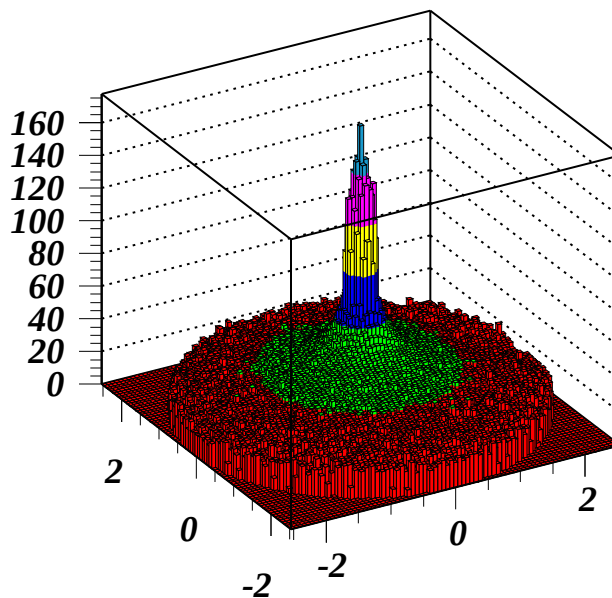
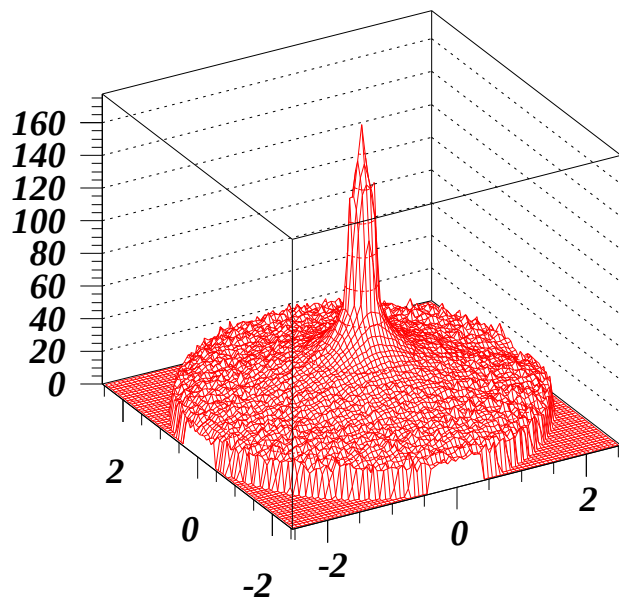
ECLOUD-DR20100203_pos_dri_red: Cloud Density (e/m^3) Averaged Over 1440 ns

10/02/04 11.55
ECLOUD-DR20100203_pos_dri_red: Cloud Density (e/m^3) Averaged Over 1440 ns



10/02/04 11.55

ECLOUD-DR20100203_pos_dri_red: Electron Energies (eV) Averaged Over 1440 ns



10/02/04 11.55
ECLOUD-DR20100203_pos_dri_red: Electron Energies (eV) Averaged Over 1440 ns

