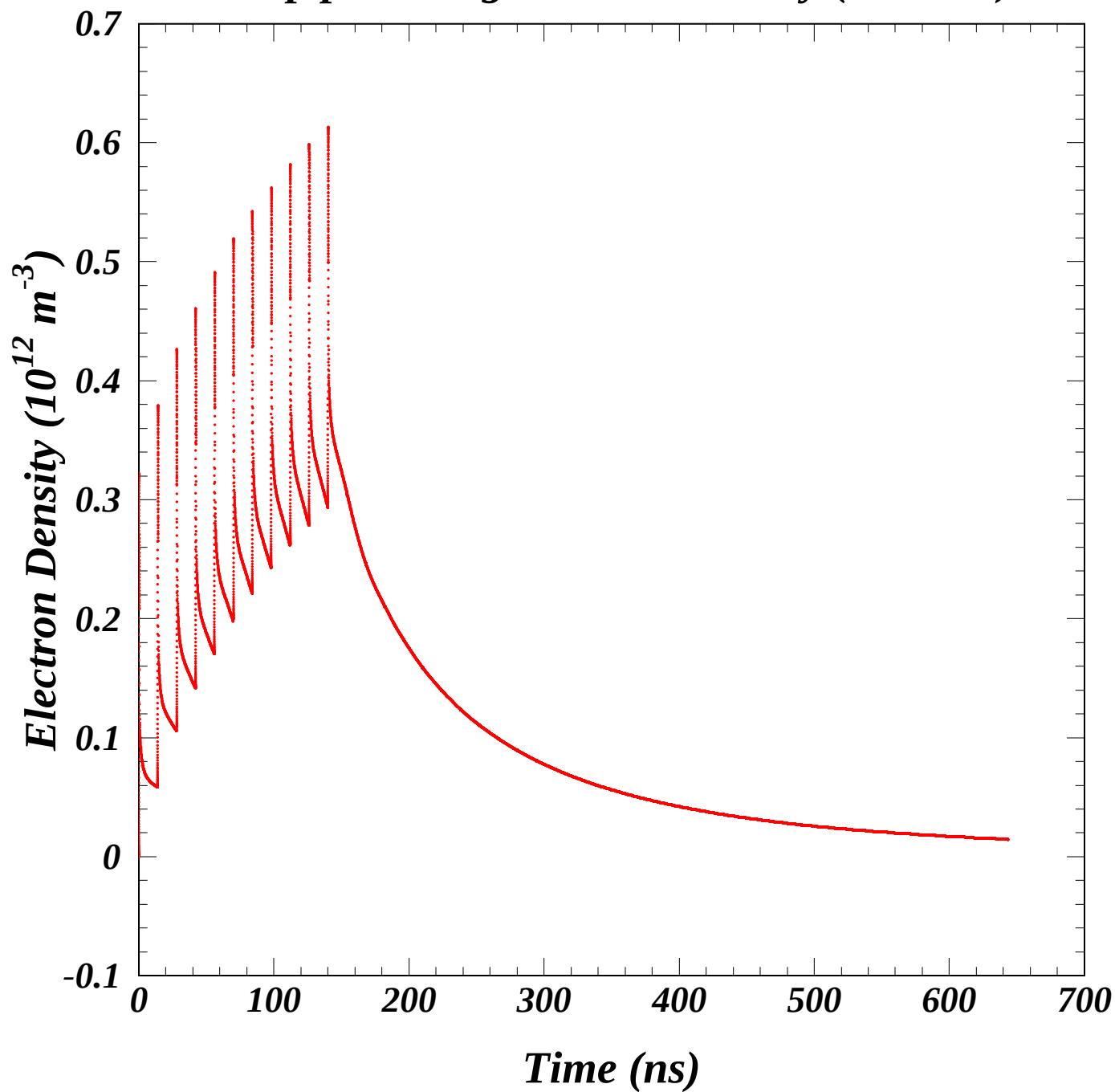
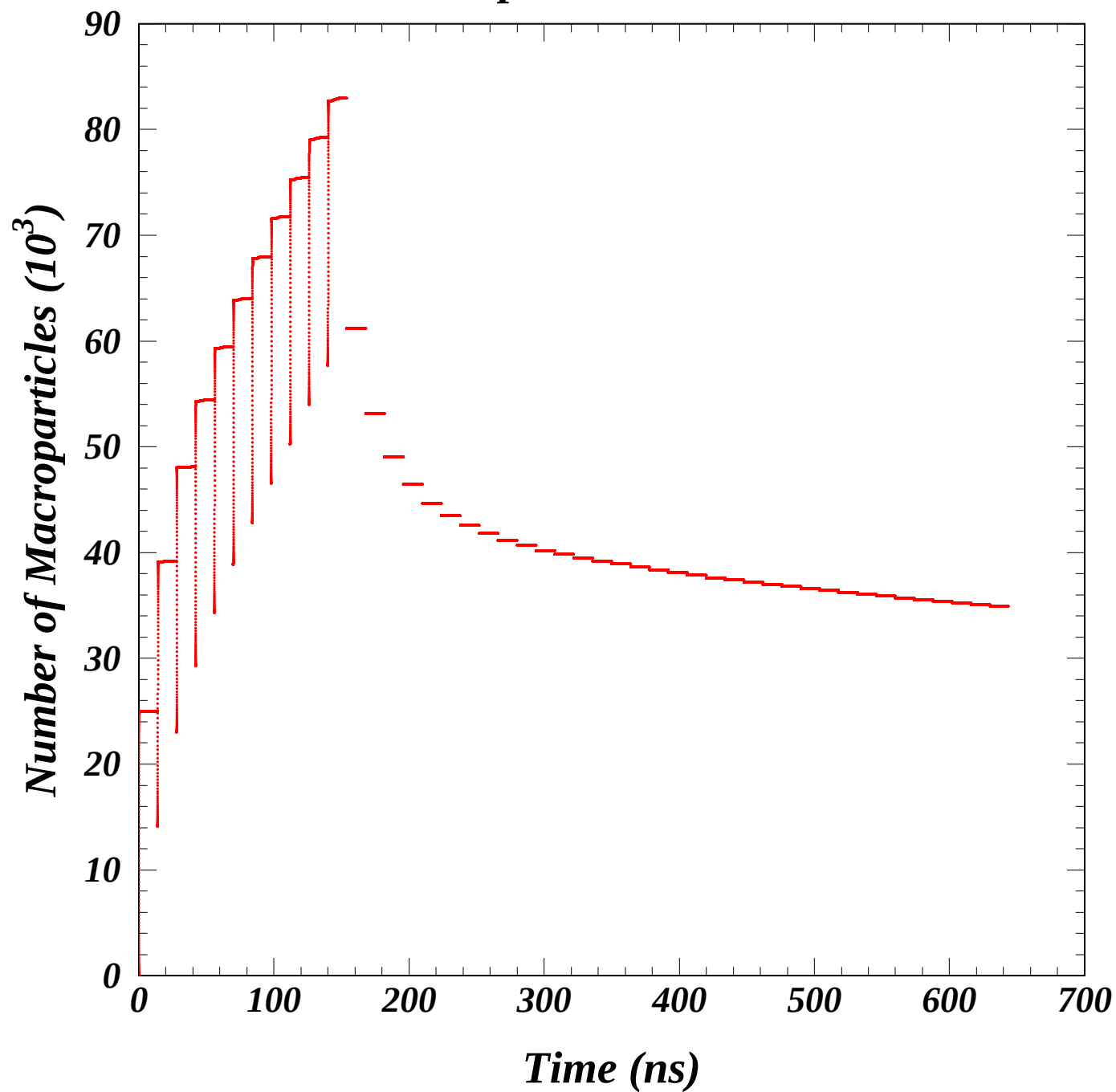
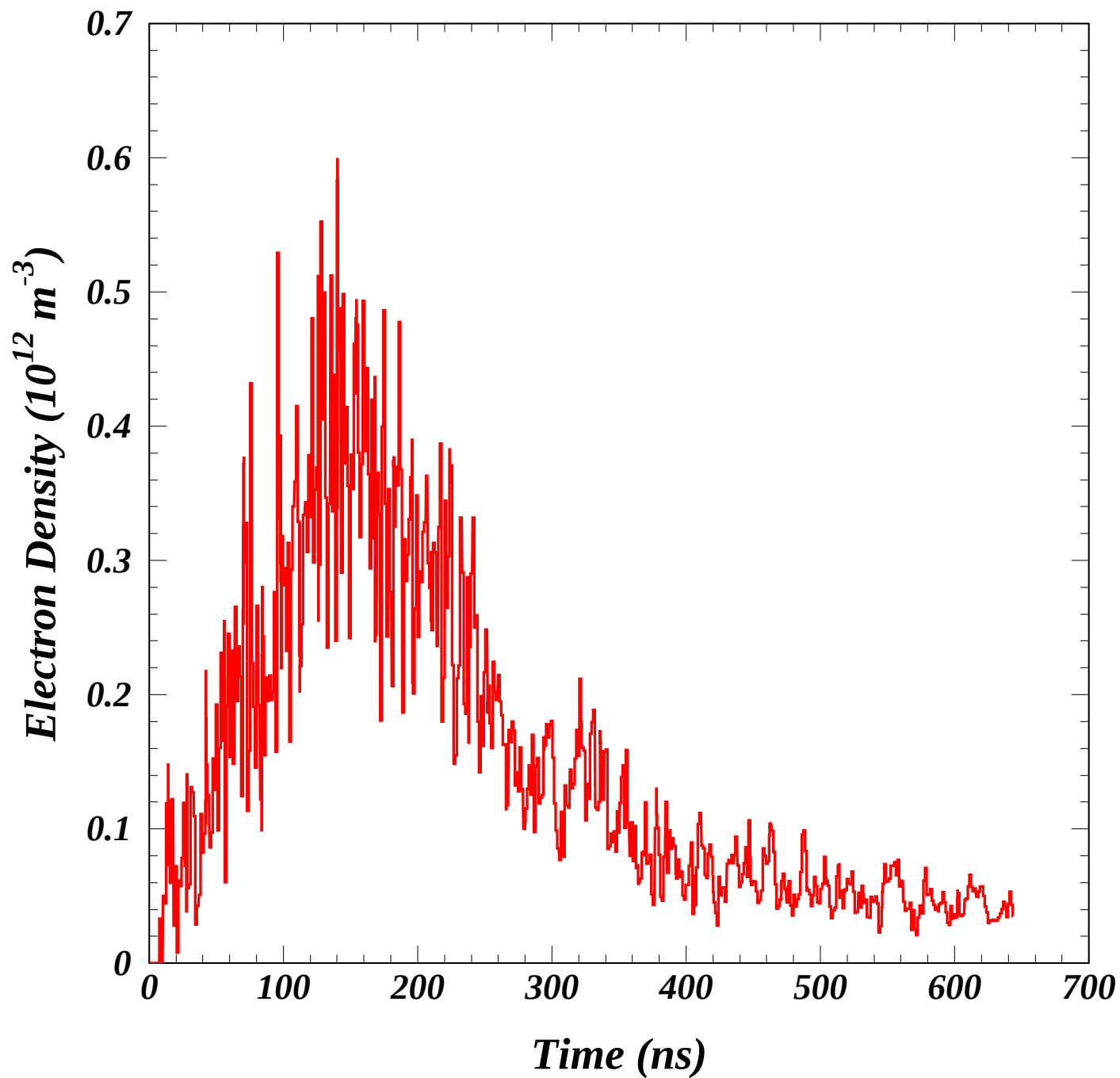
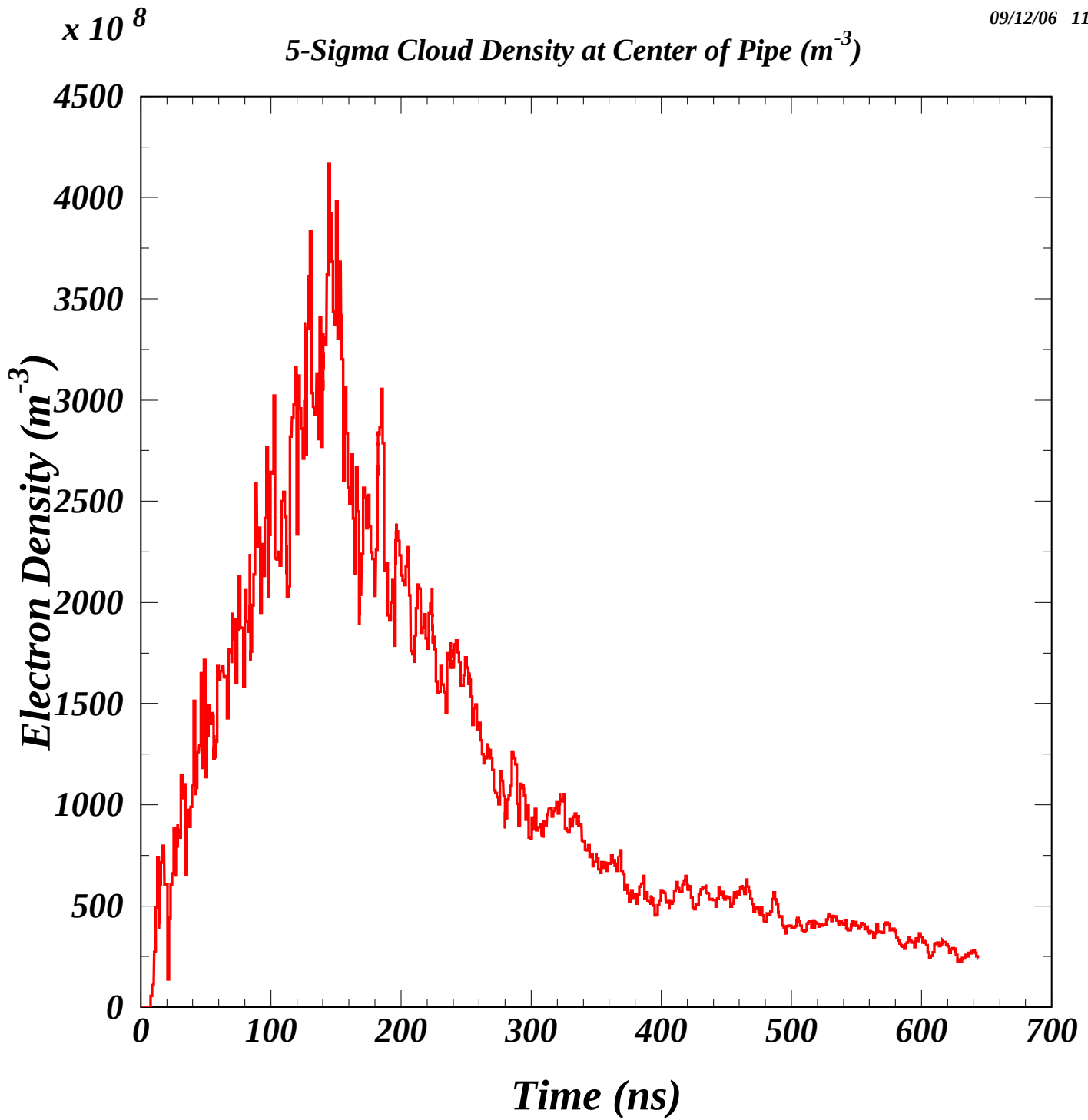


Beampipe-averaged Cloud Density (10^{12} m^{-3})

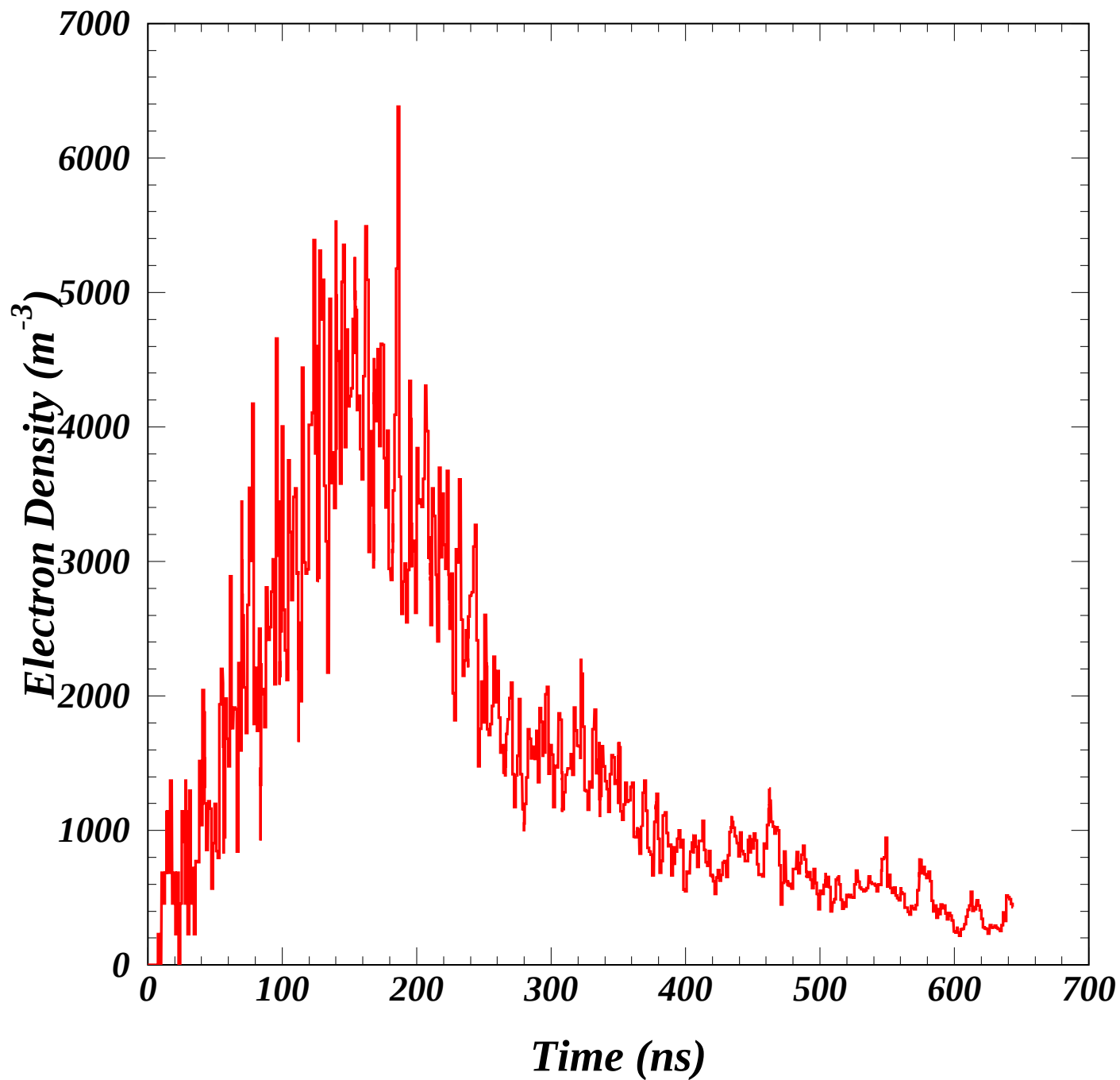
Macroparticle Statistics

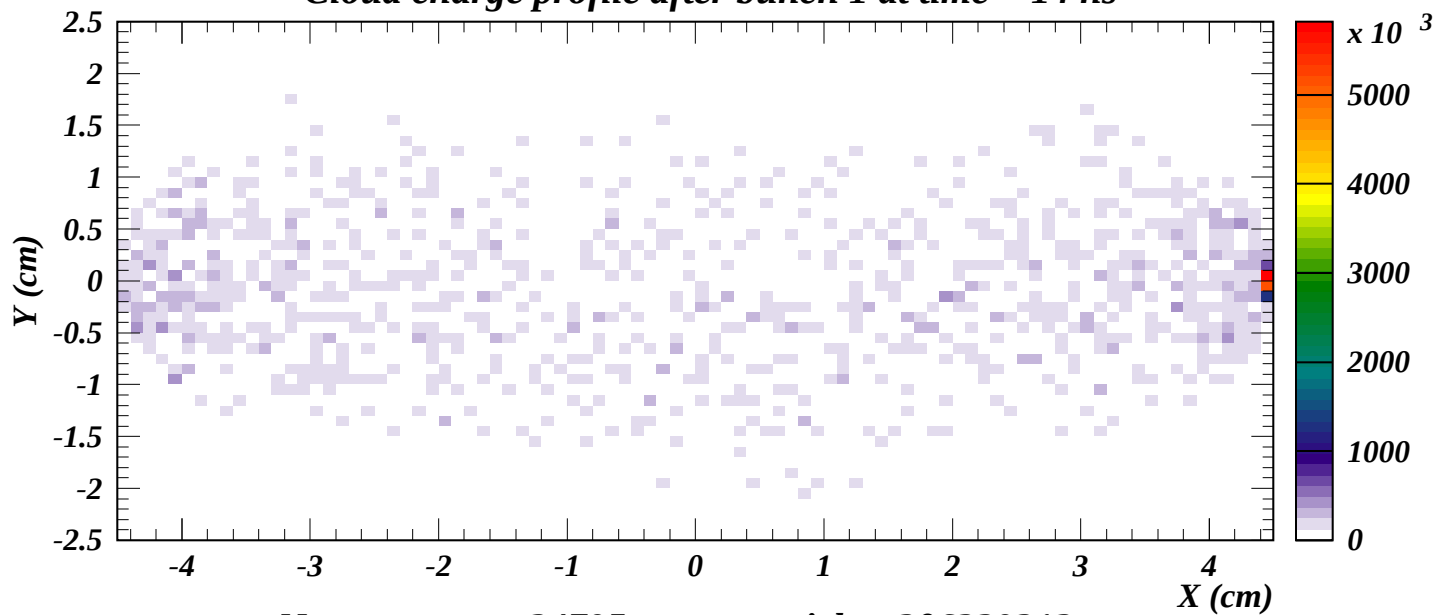
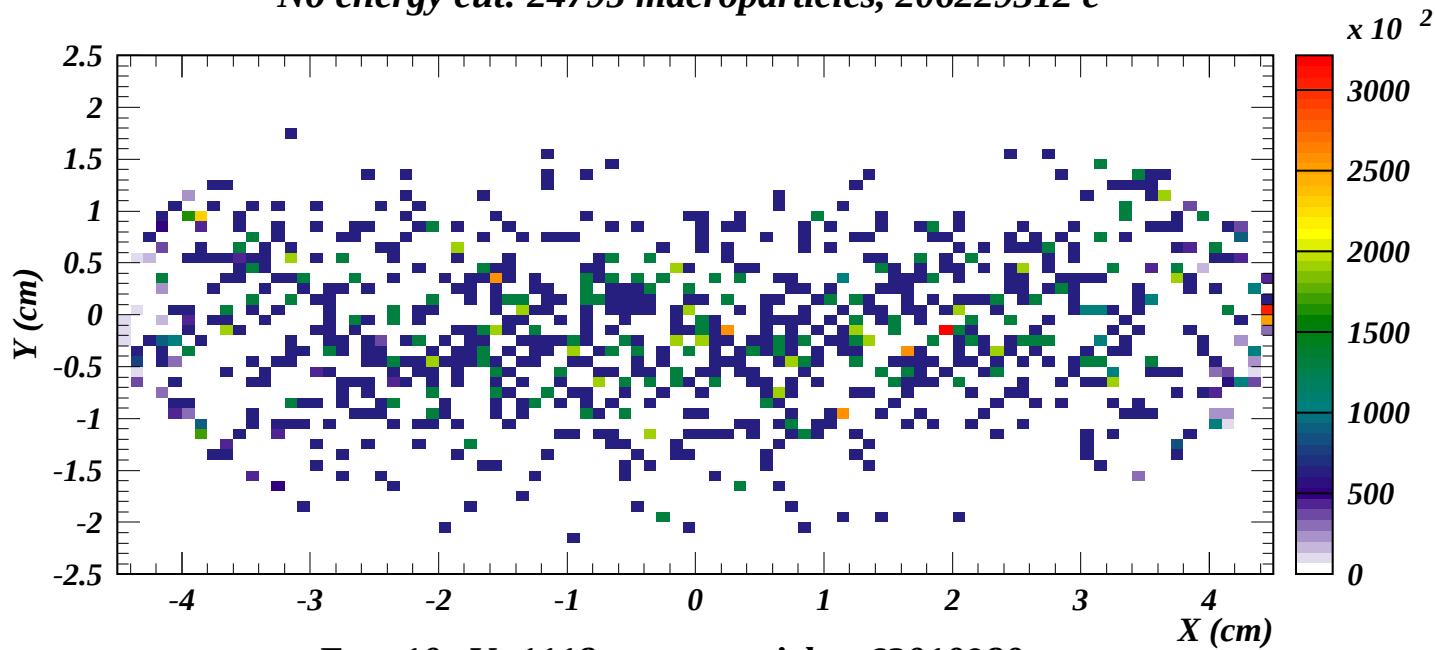


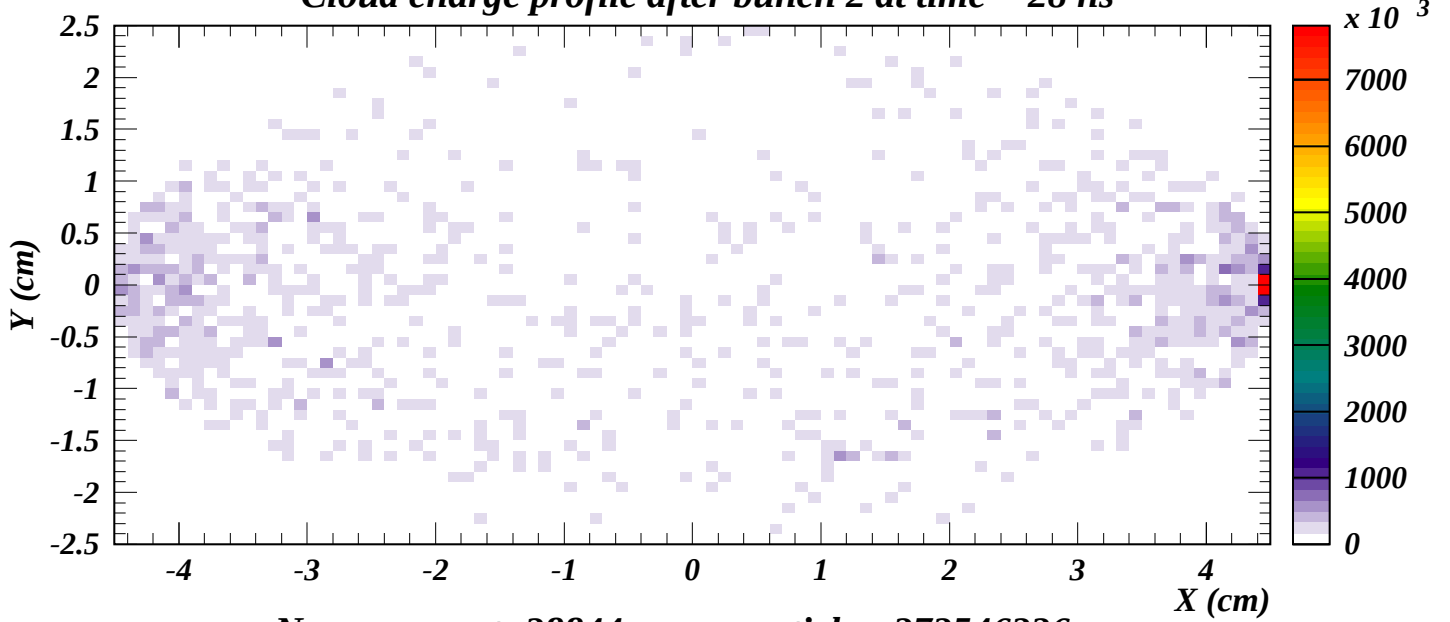
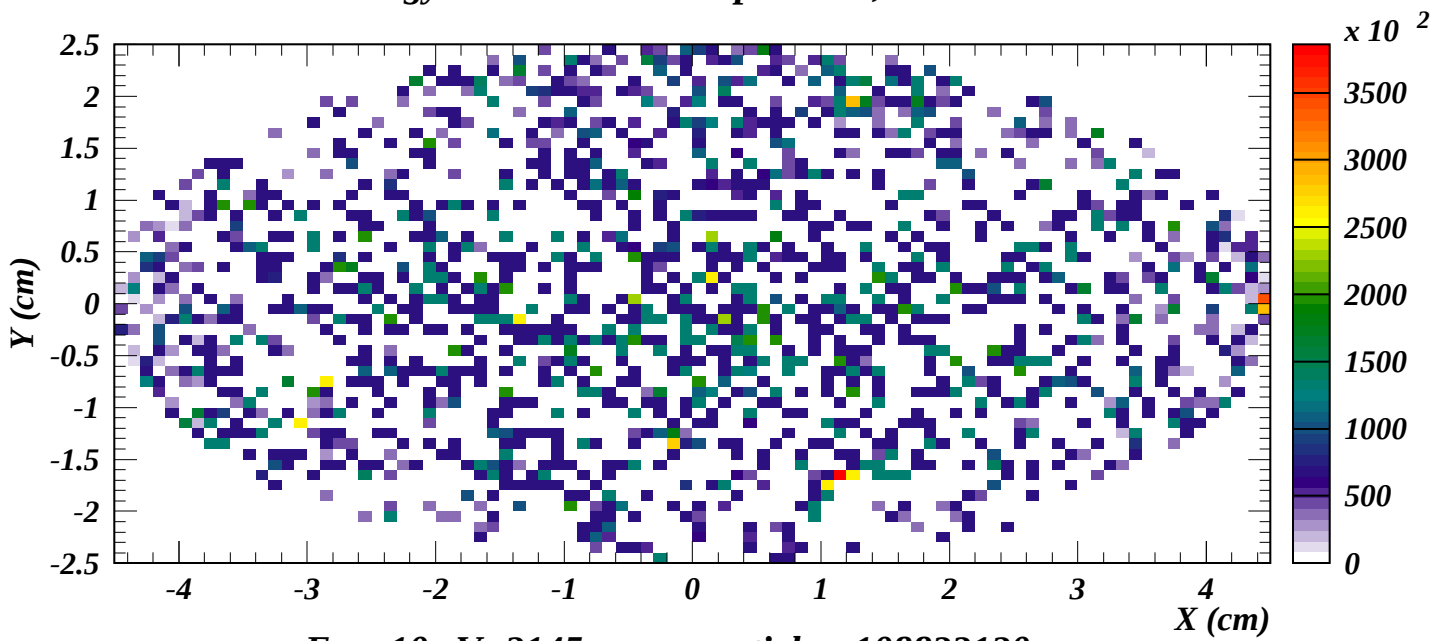
Beam-averaged Cloud Density (10^{12} m^{-3})

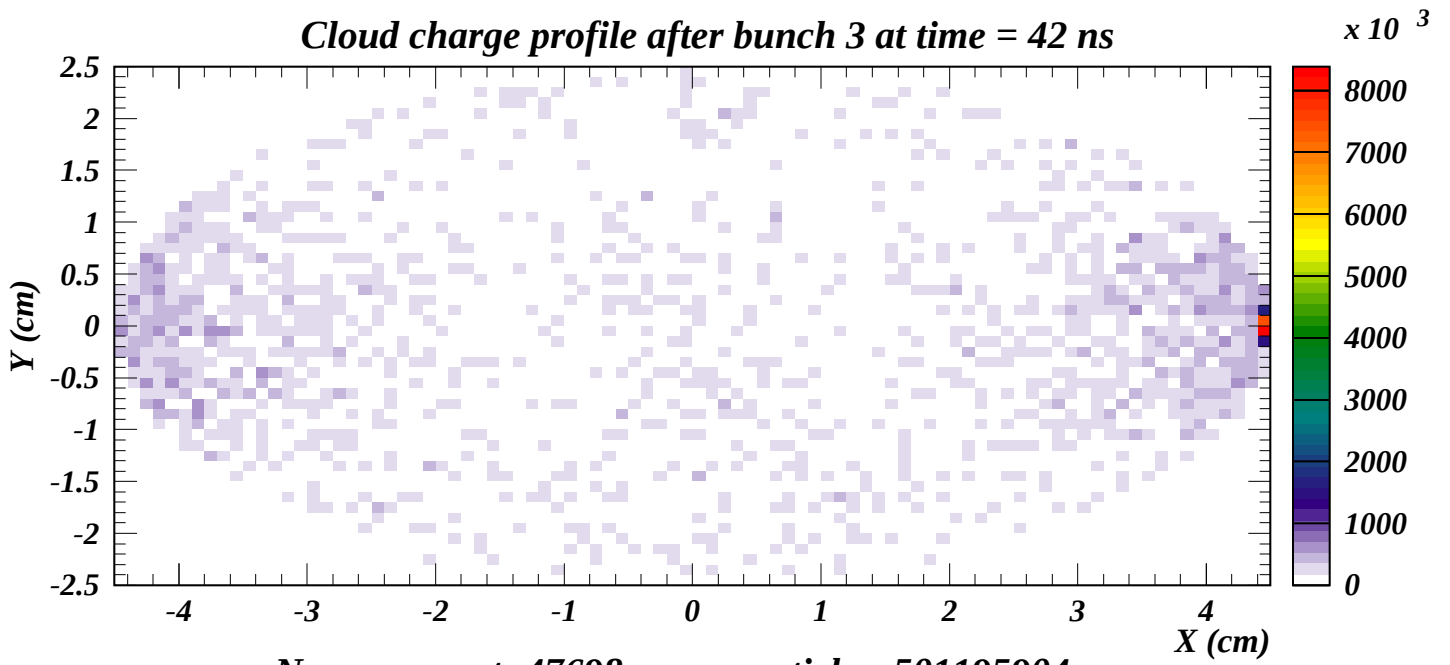
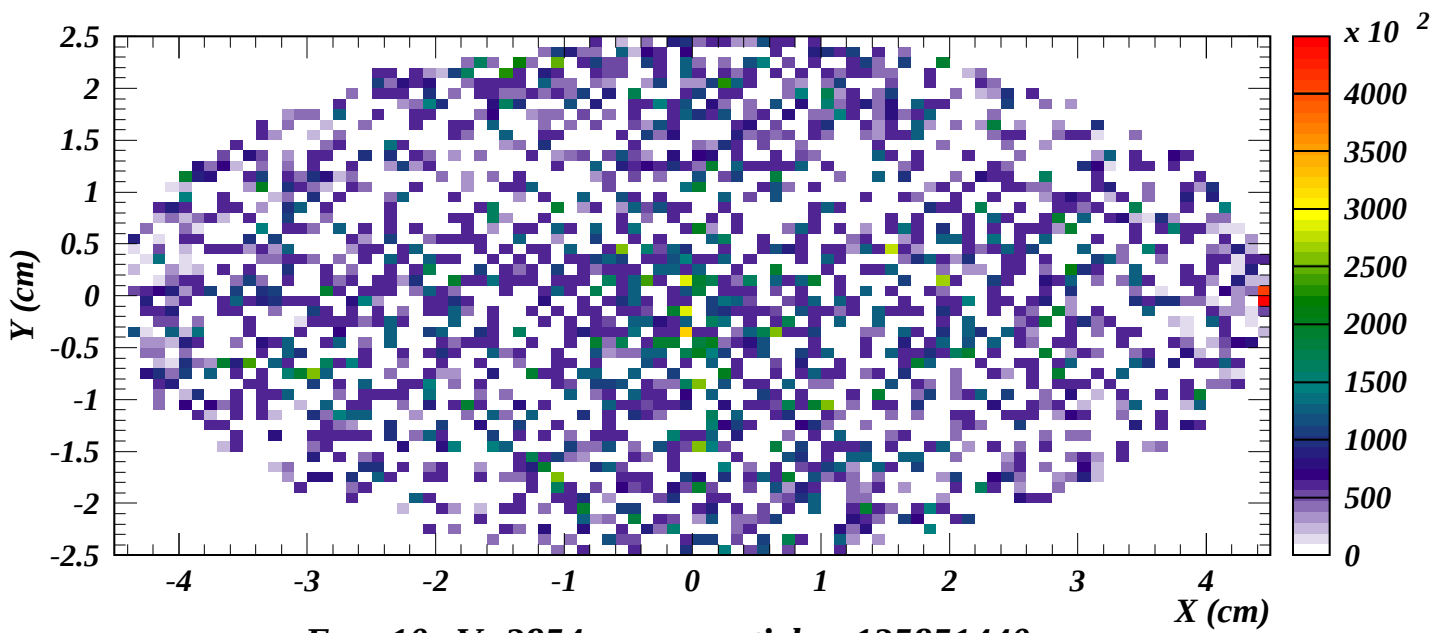
5-Sigma Cloud Density at Center of Pipe (m^{-3})

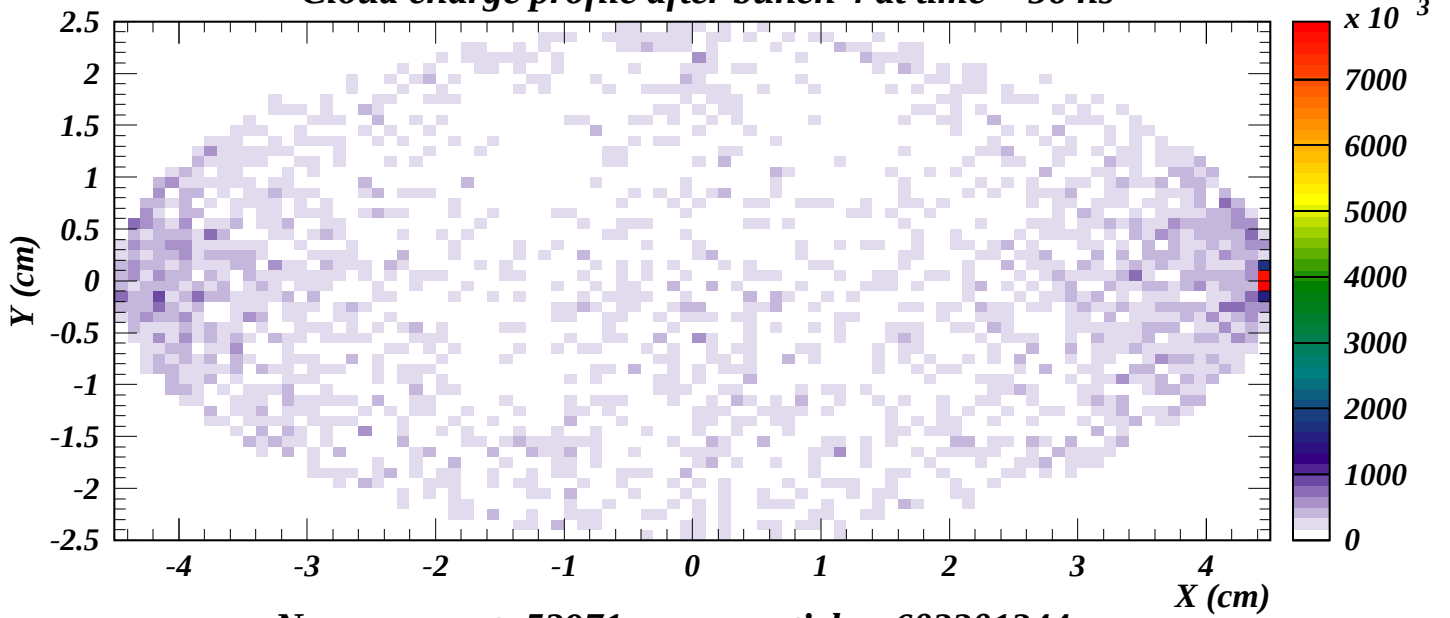
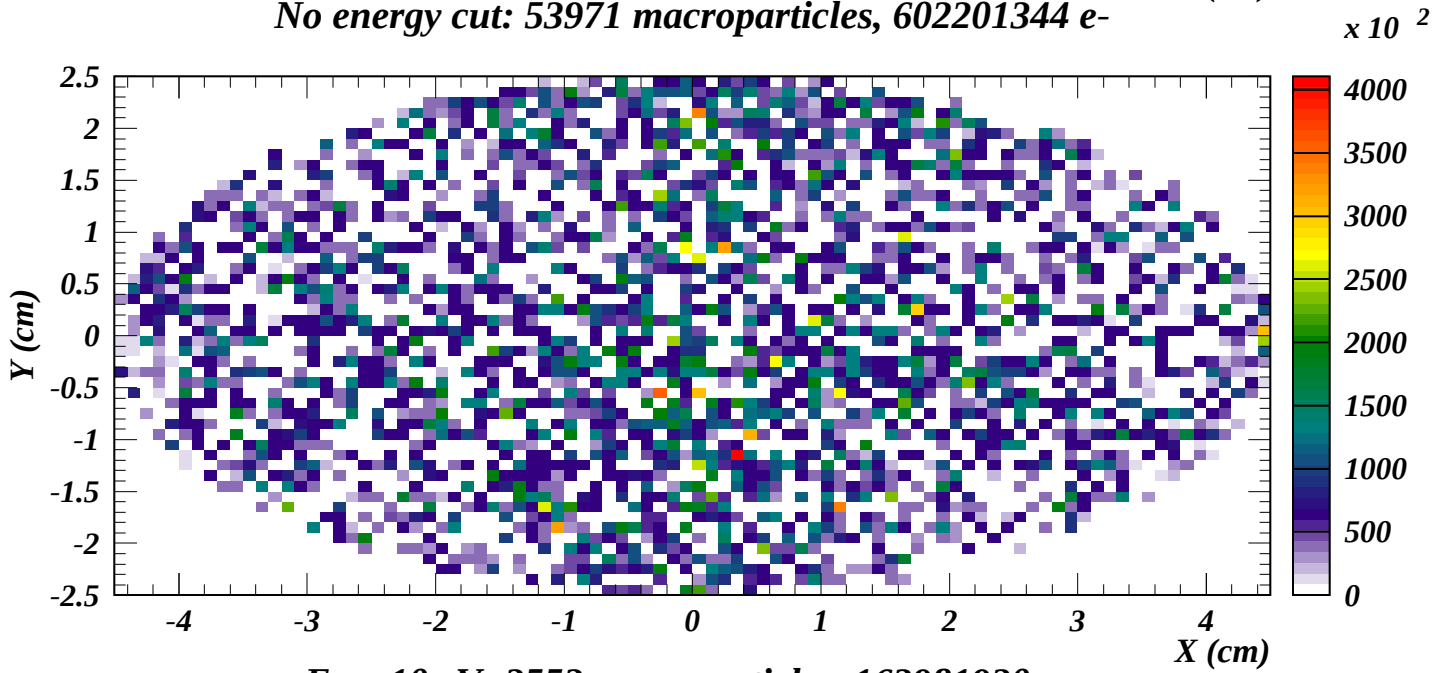
$\times 10^8$ 09/12/06 11.19
ECLLOUD-TS0608_SEY20_Epk310: Cloud Density in Central Grid Cell (m^{-3})

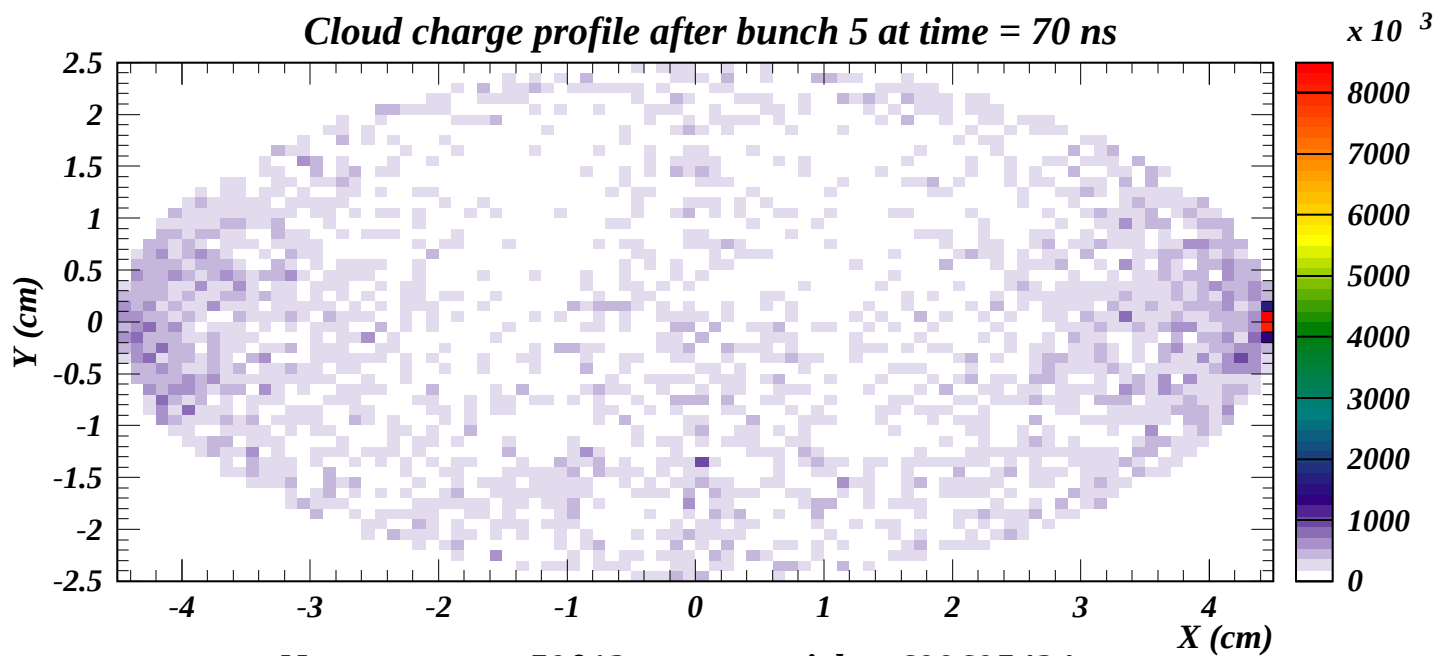
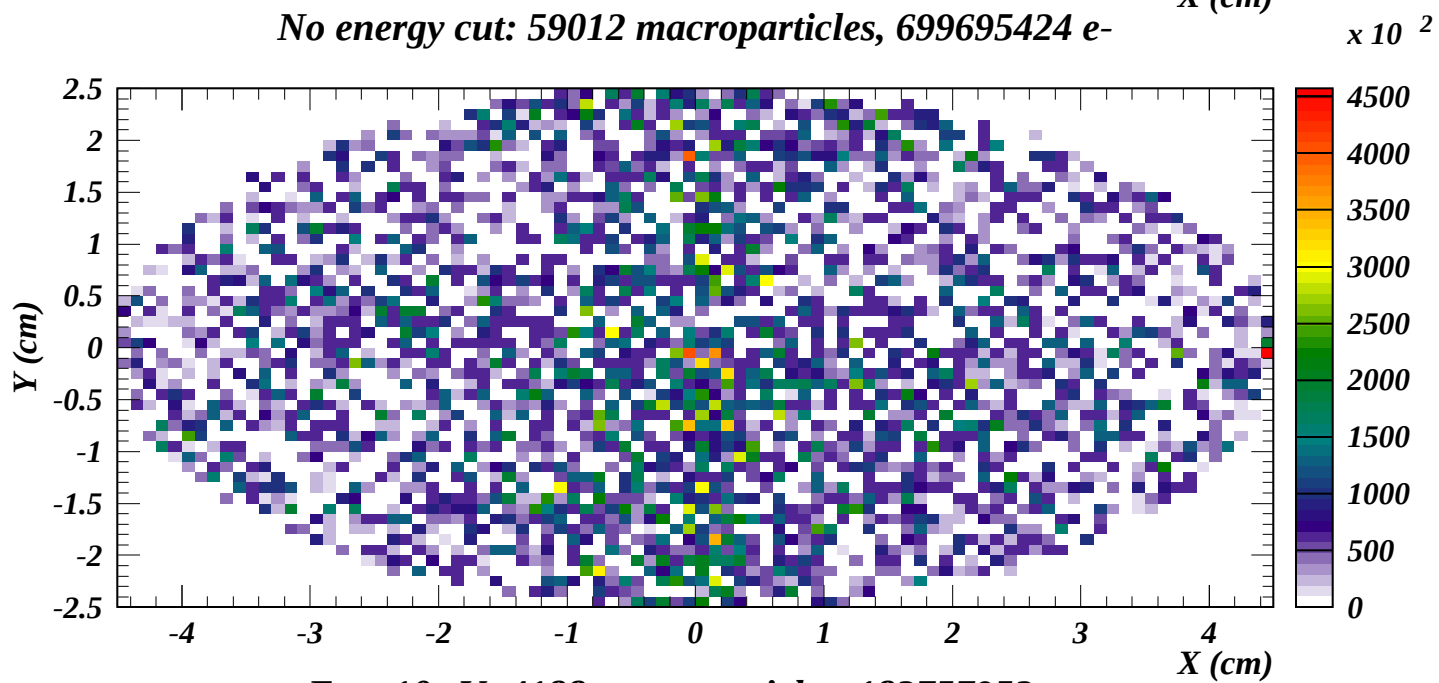


Cloud charge profile after bunch 1 at time = 14 ns*No energy cut: 24795 macroparticles, 206229312 e⁻* *$E_{kin} > 10$ eV: 1118 macroparticles, 62010980 e⁻*

Cloud charge profile after bunch 2 at time = 28 ns*No energy cut: 38844 macroparticles, 373546336 e-* *$E_{kin} > 10$ eV: 2145 macroparticles, 108833120 e-*

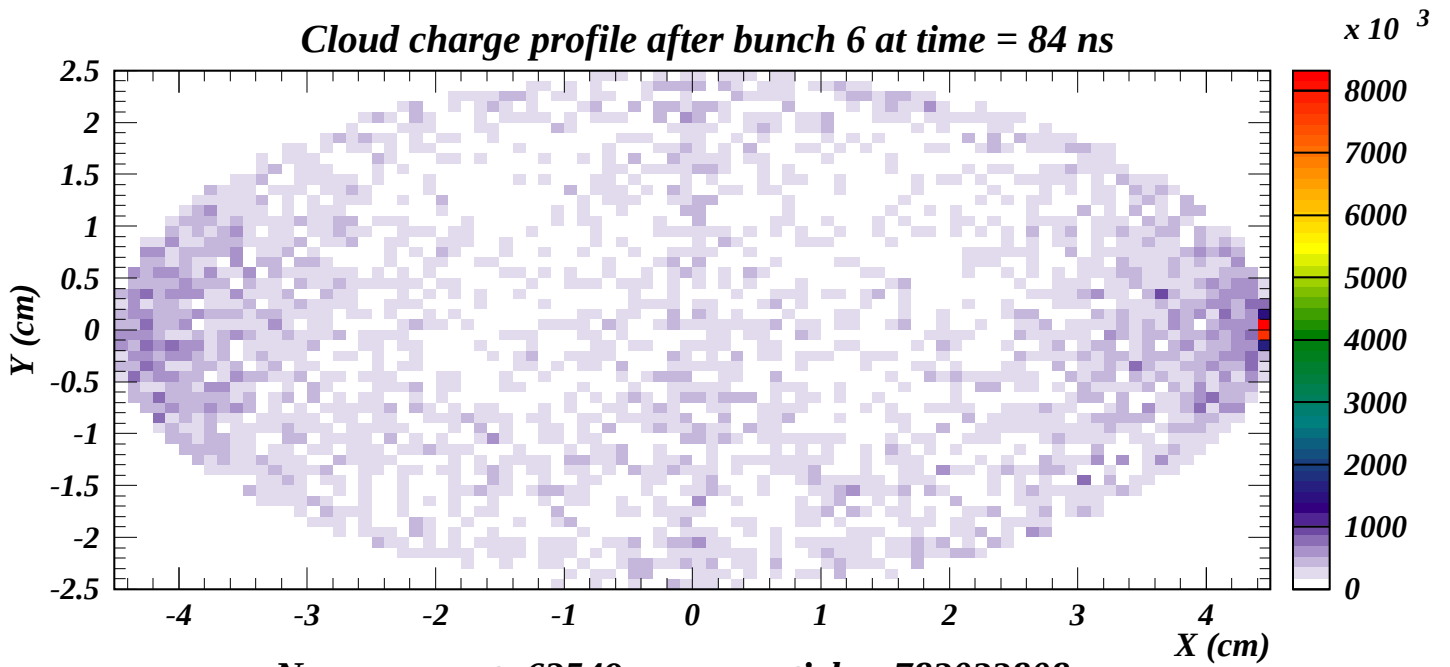
Cloud charge profile after bunch 3 at time = 42 ns*No energy cut: 47698 macroparticles, 501195904 e-* *$E_{\text{kin}} > 10$ eV: 2854 macroparticles, 135851440 e-*

Cloud charge profile after bunch 4 at time = 56 ns*No energy cut: 53971 macroparticles, 602201344 e-* *$E_{\text{kin}} > 10$ eV: 3553 macroparticles, 163981920 e-*

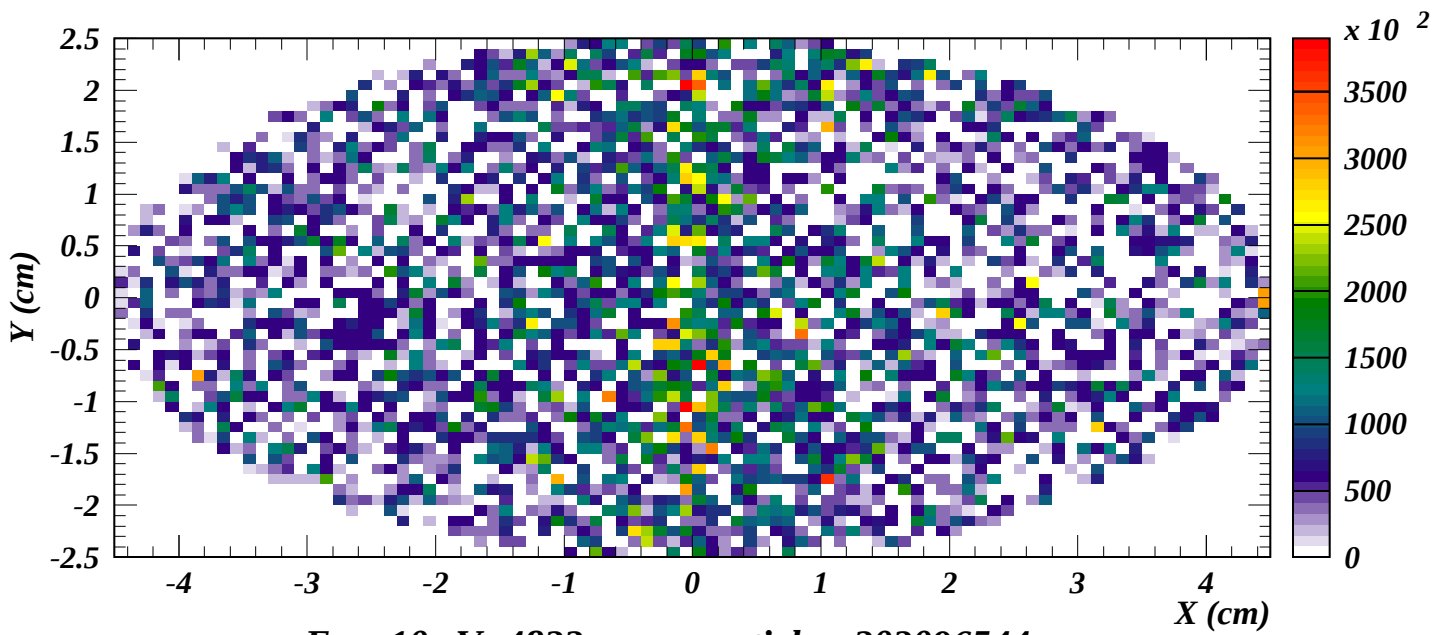
Cloud charge profile after bunch 5 at time = 70 ns*No energy cut: 59012 macroparticles, 699695424 e-* *$E_{\text{kin}} > 10$ eV: 4188 macroparticles, 183757952 e-*

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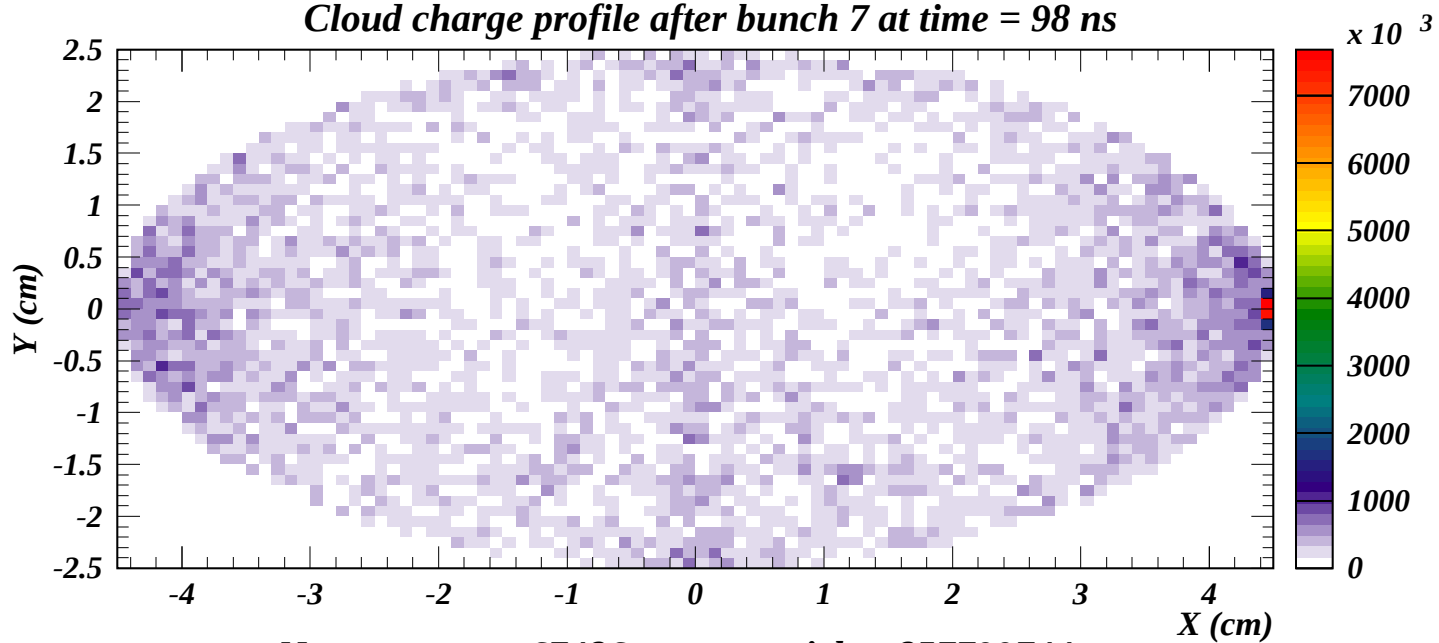
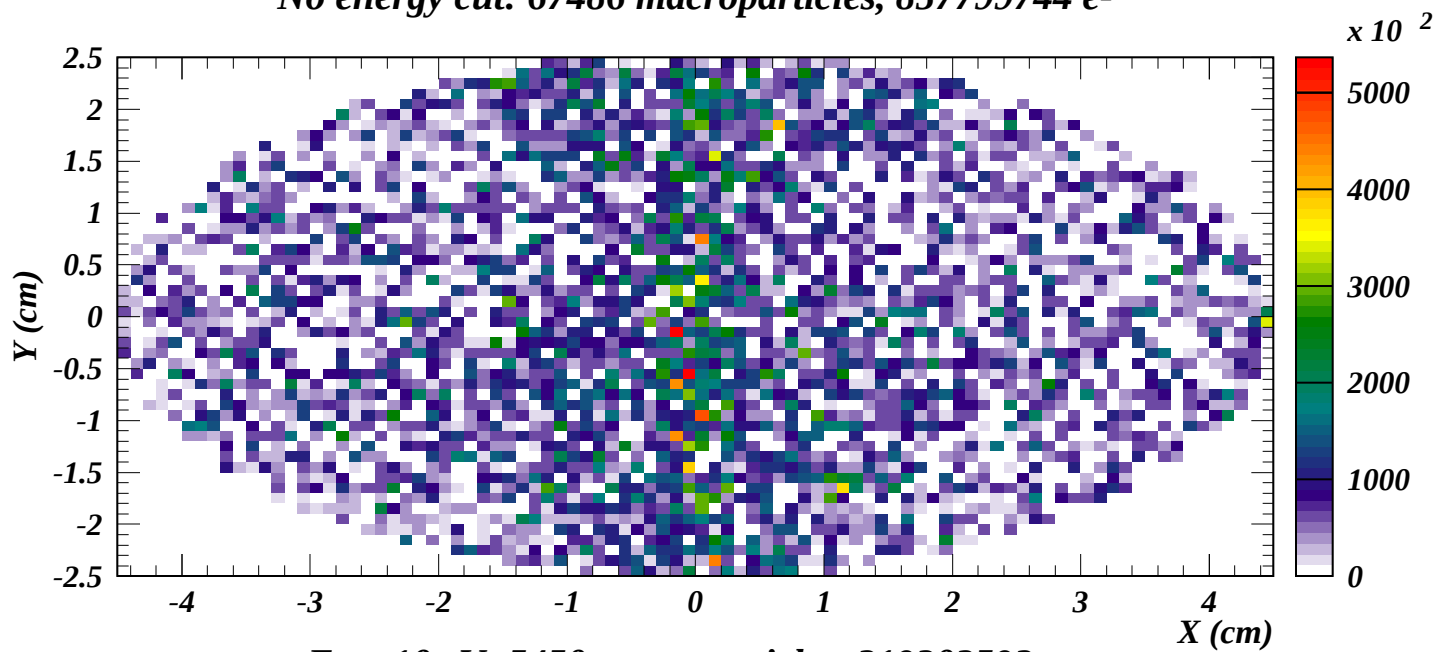
Cloud charge profile after bunch 6 at time = 84 ns

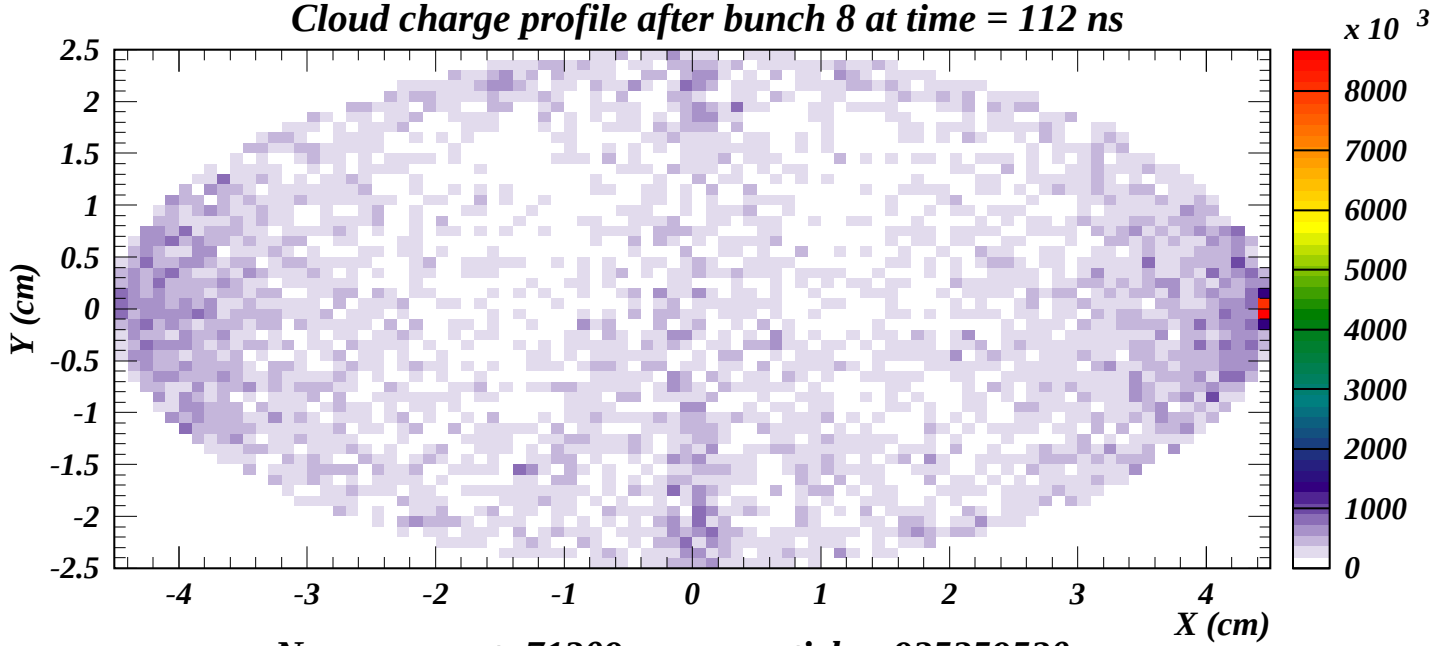
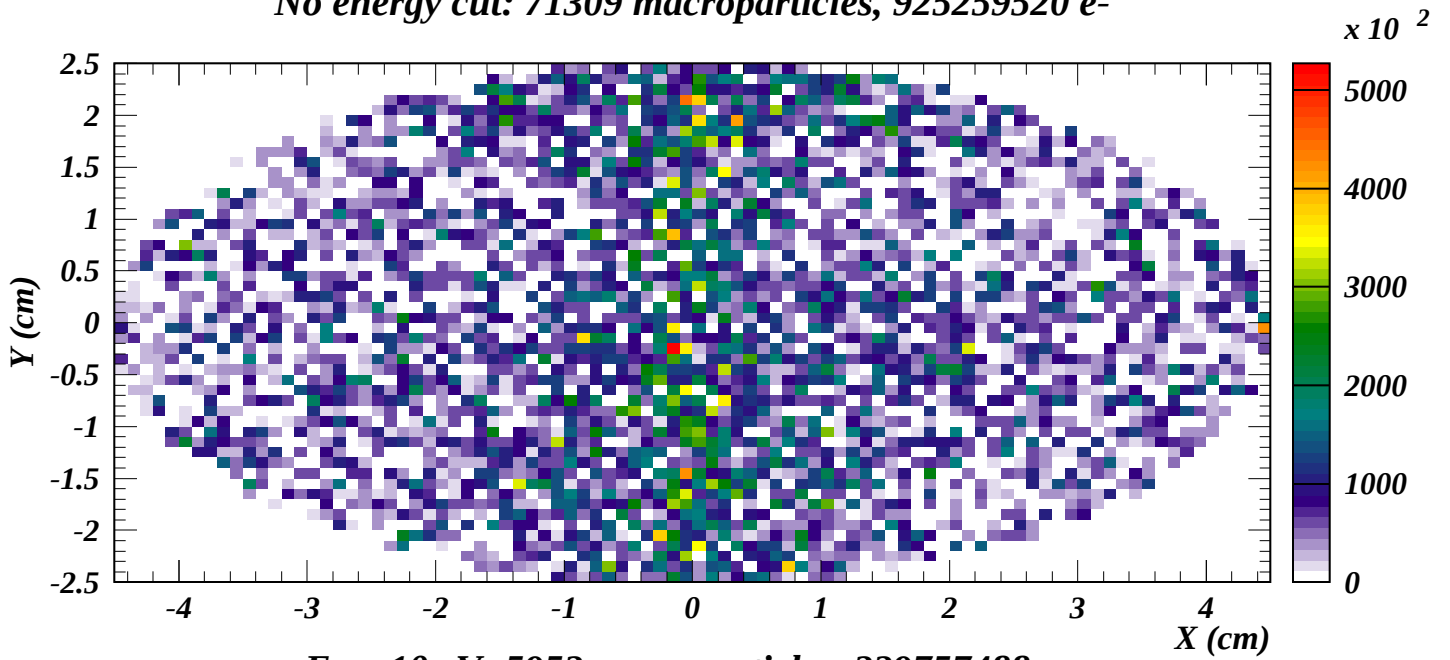


No energy cut: 63549 macroparticles, 782023808 e-



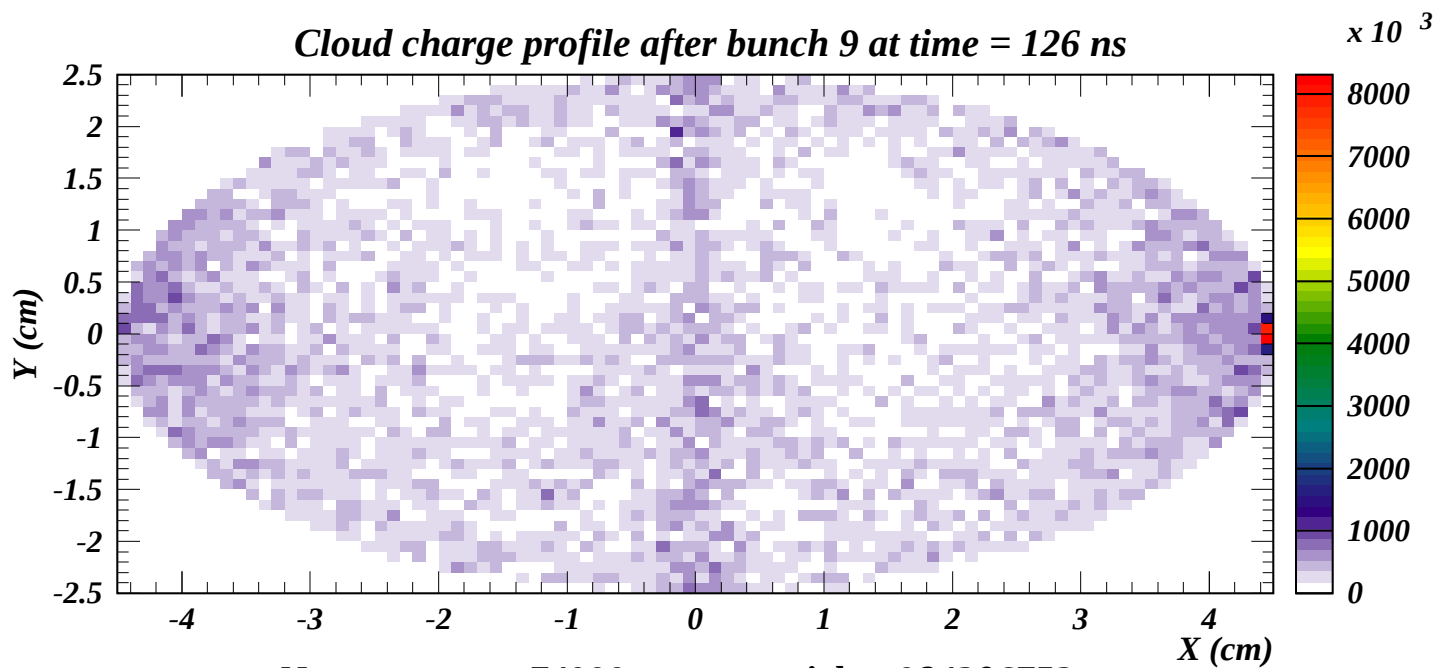
$E_{kin} > 10$ eV: 4822 macroparticles, 203096544 e-

Cloud charge profile after bunch 7 at time = 98 ns*No energy cut: 67486 macroparticles, 857799744 e-* *$E_{\text{kin}} > 10$ eV: 5450 macroparticles, 219302592 e-*

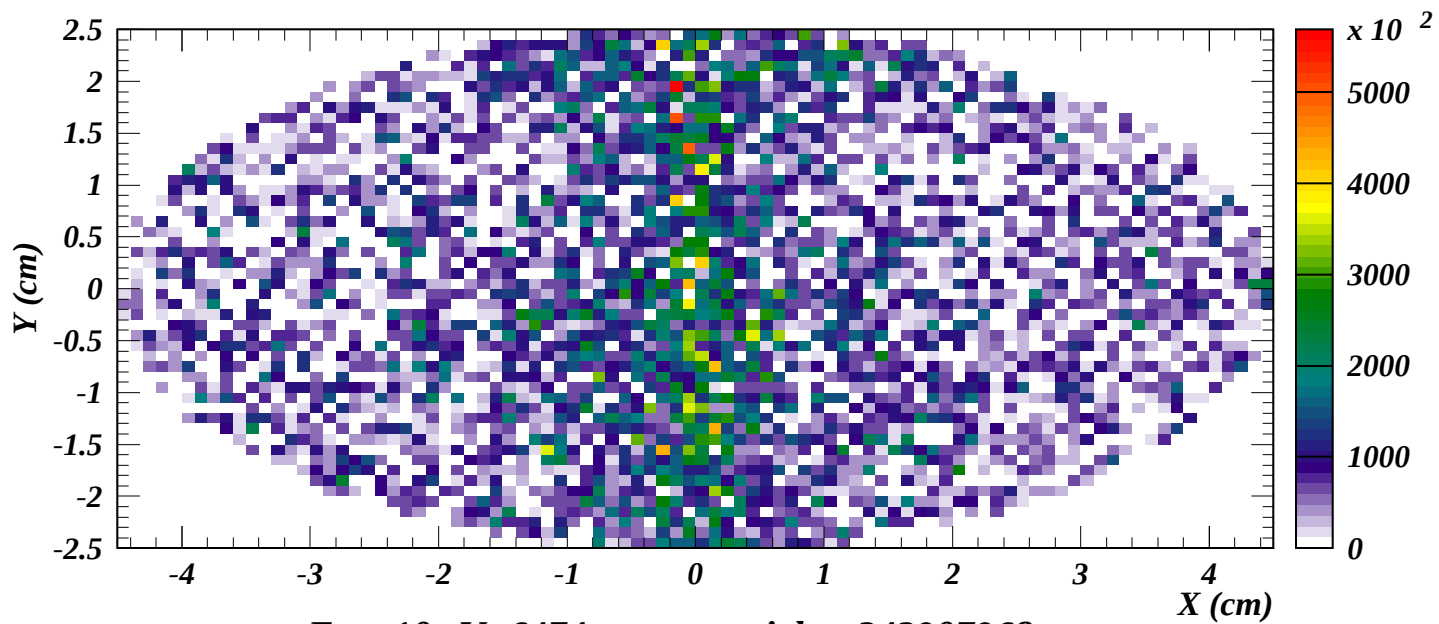
Cloud charge profile after bunch 8 at time = 112 ns*No energy cut: 71309 macroparticles, 925259520 e-* *$E_{\text{kin}} > 10 \text{ eV}$: 5952 macroparticles, 229757488 e-*

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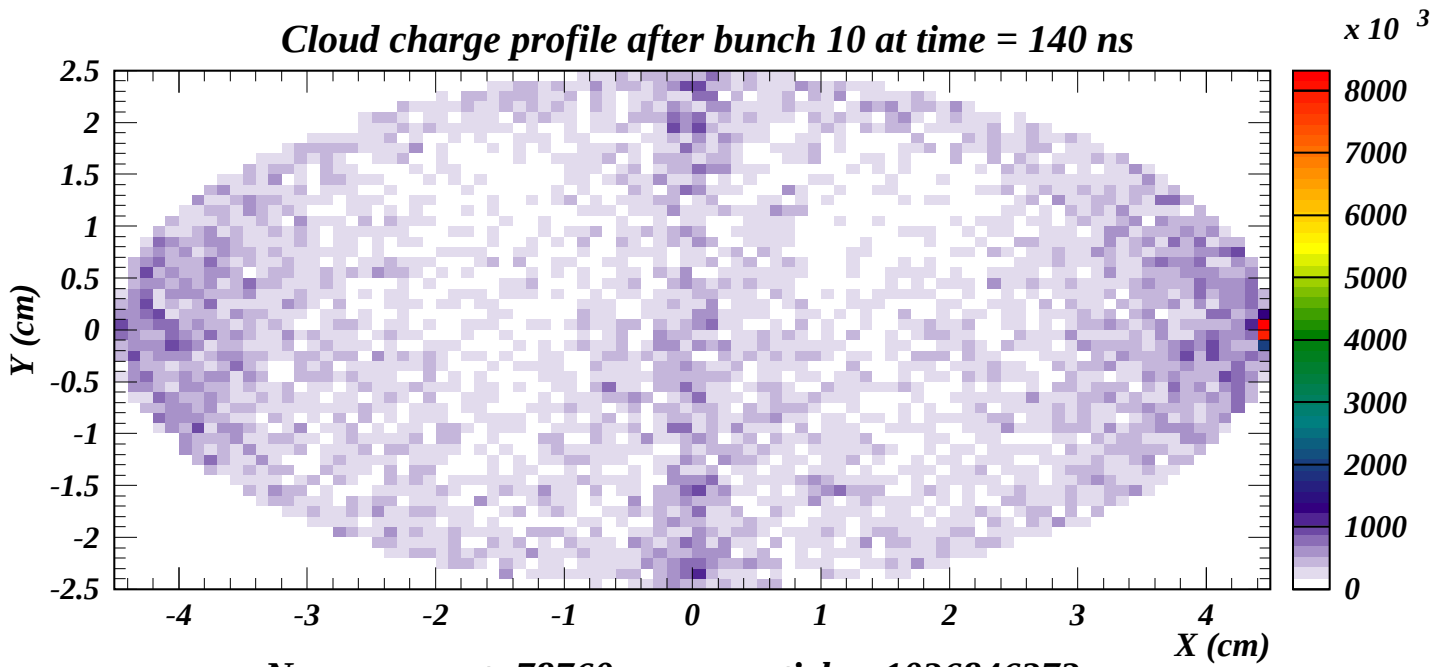
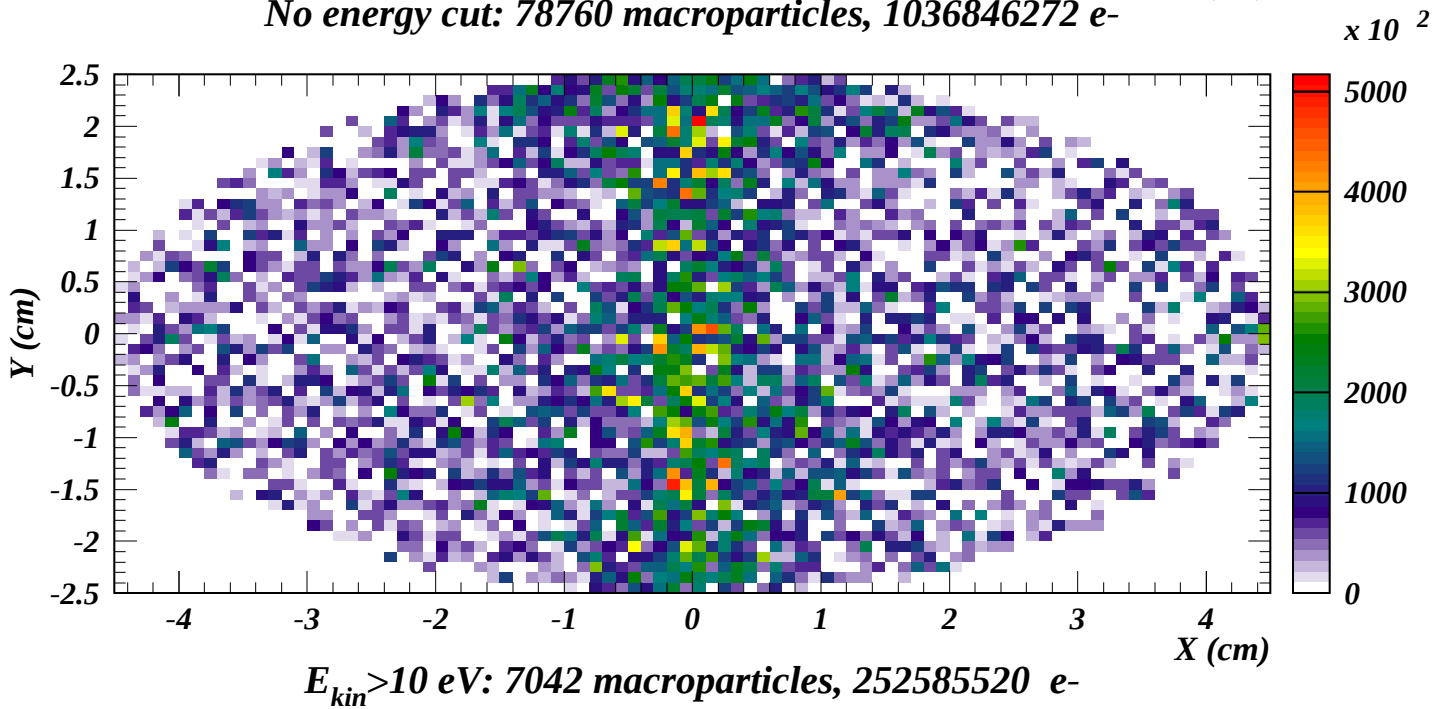
Cloud charge profile after bunch 9 at time = 126 ns

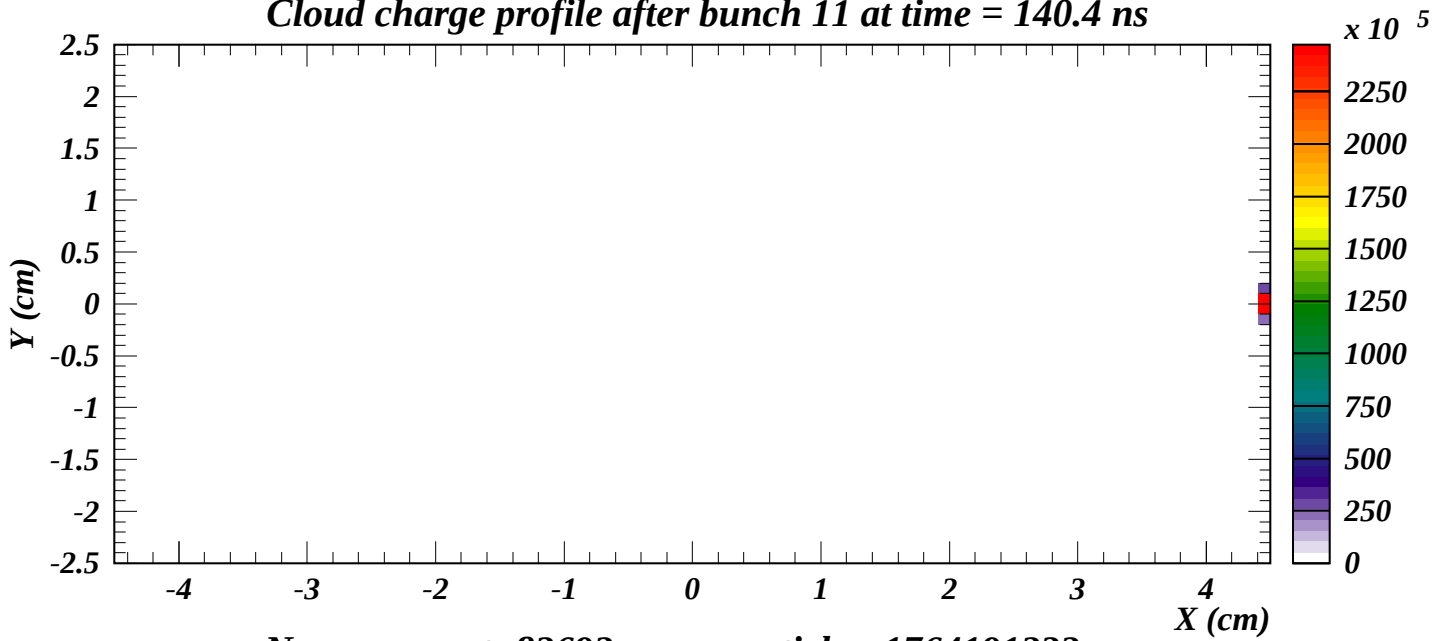
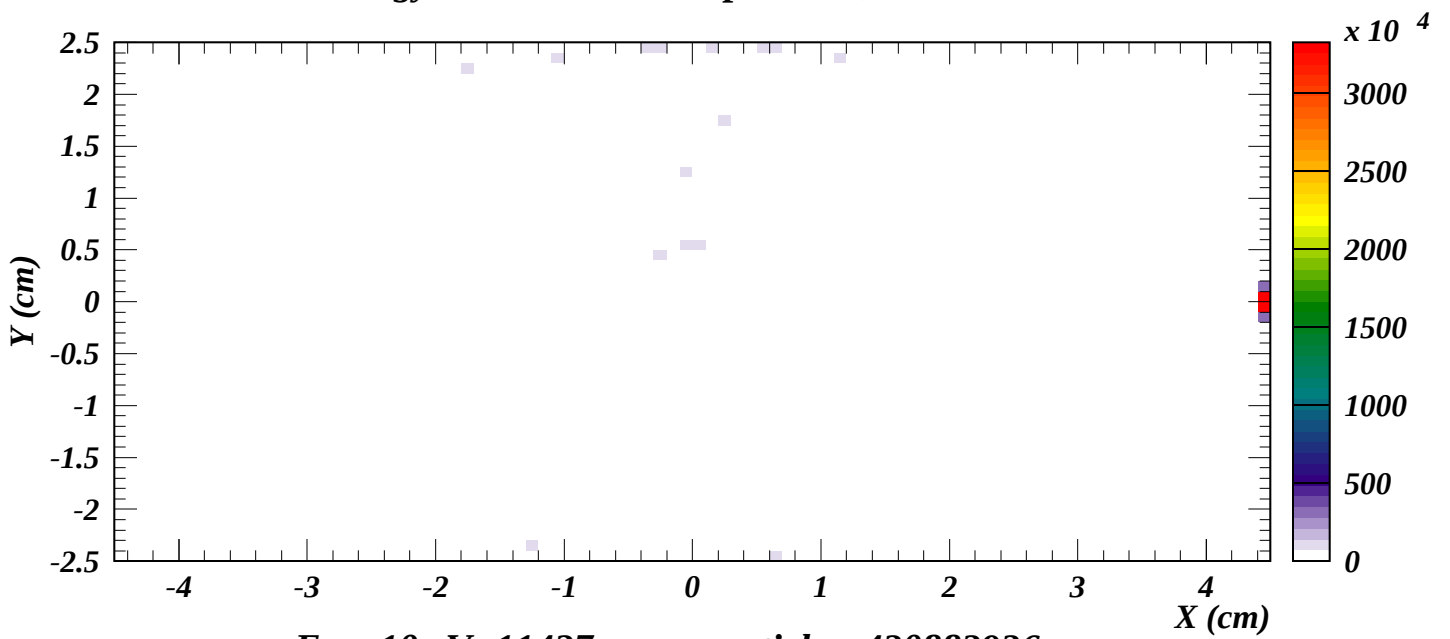


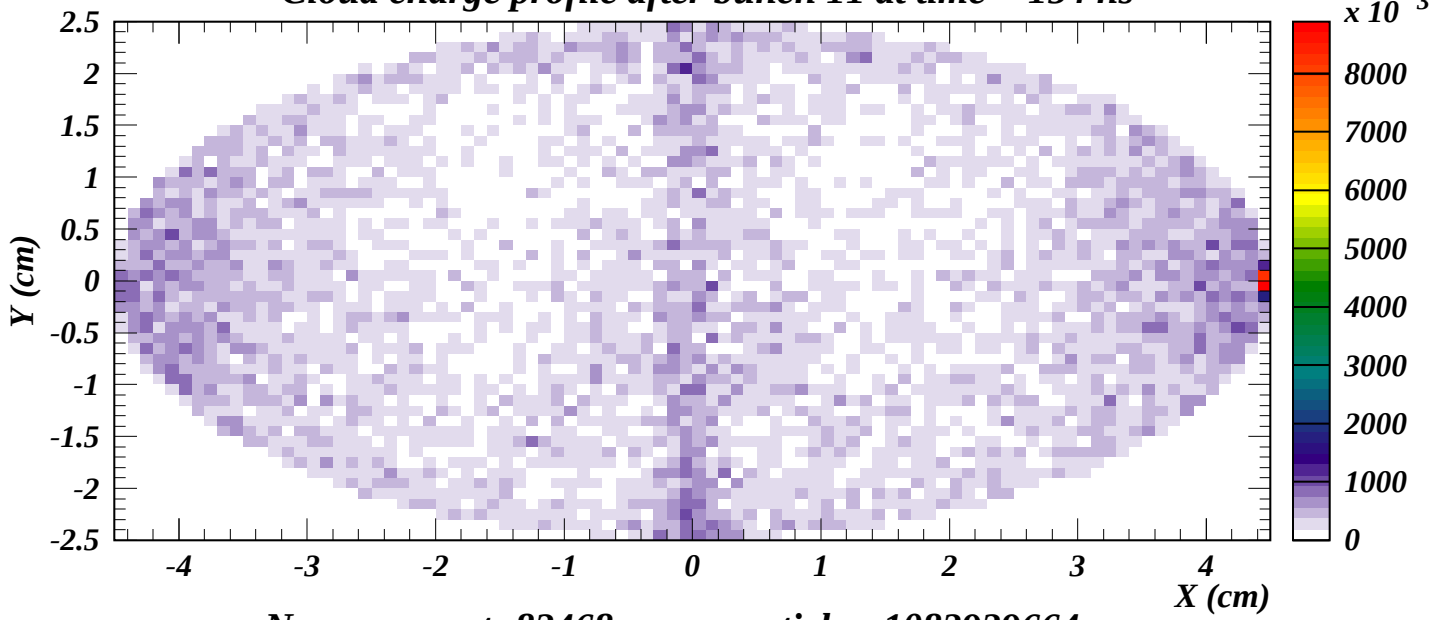
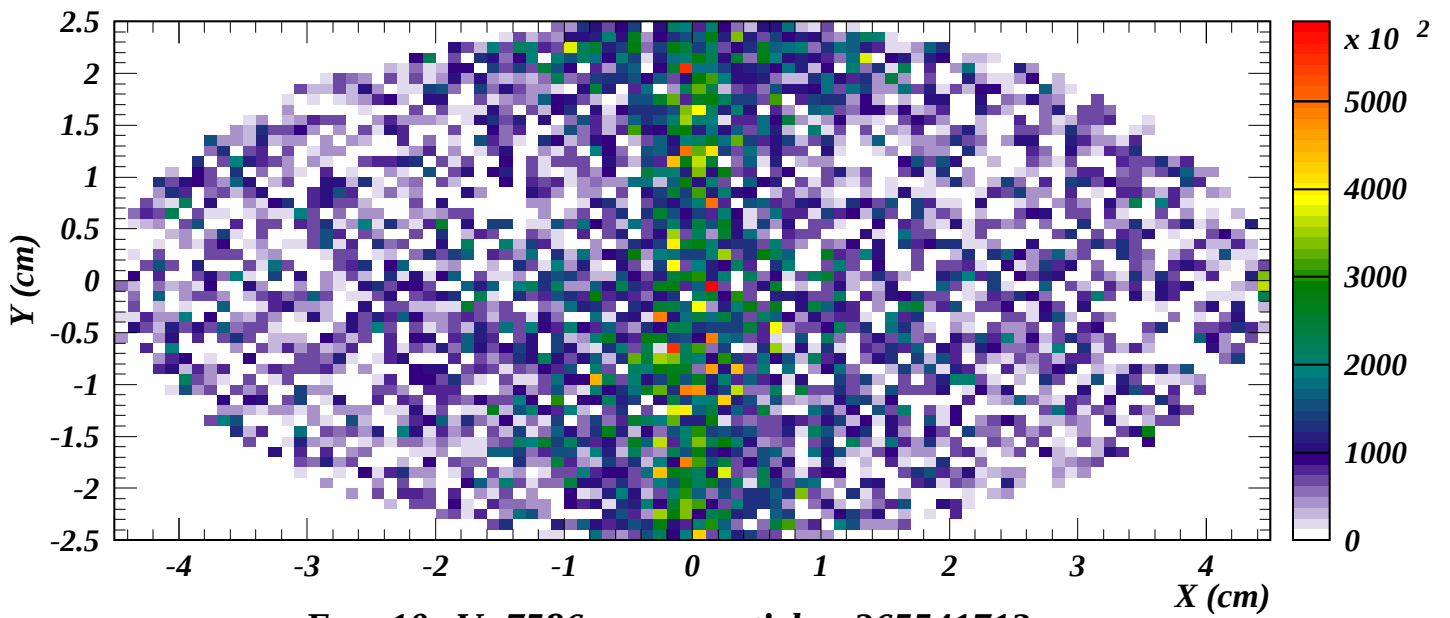
No energy cut: 74999 macroparticles, 984306752 e-

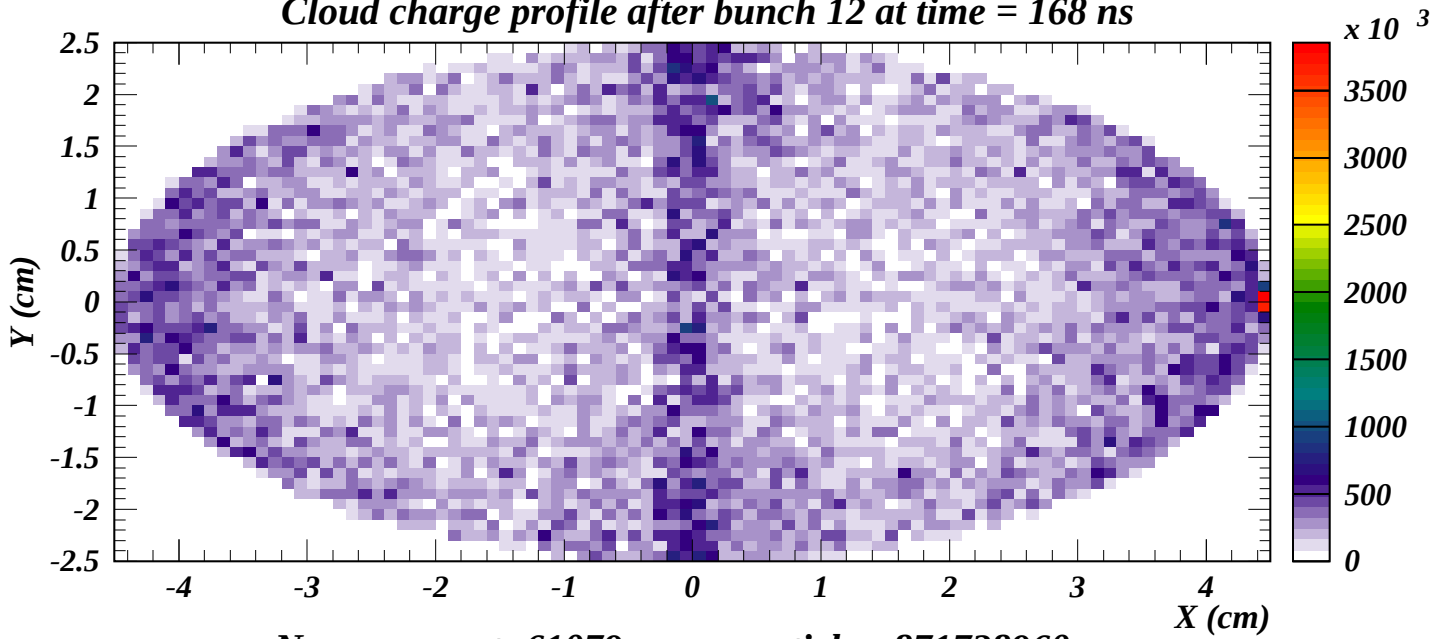
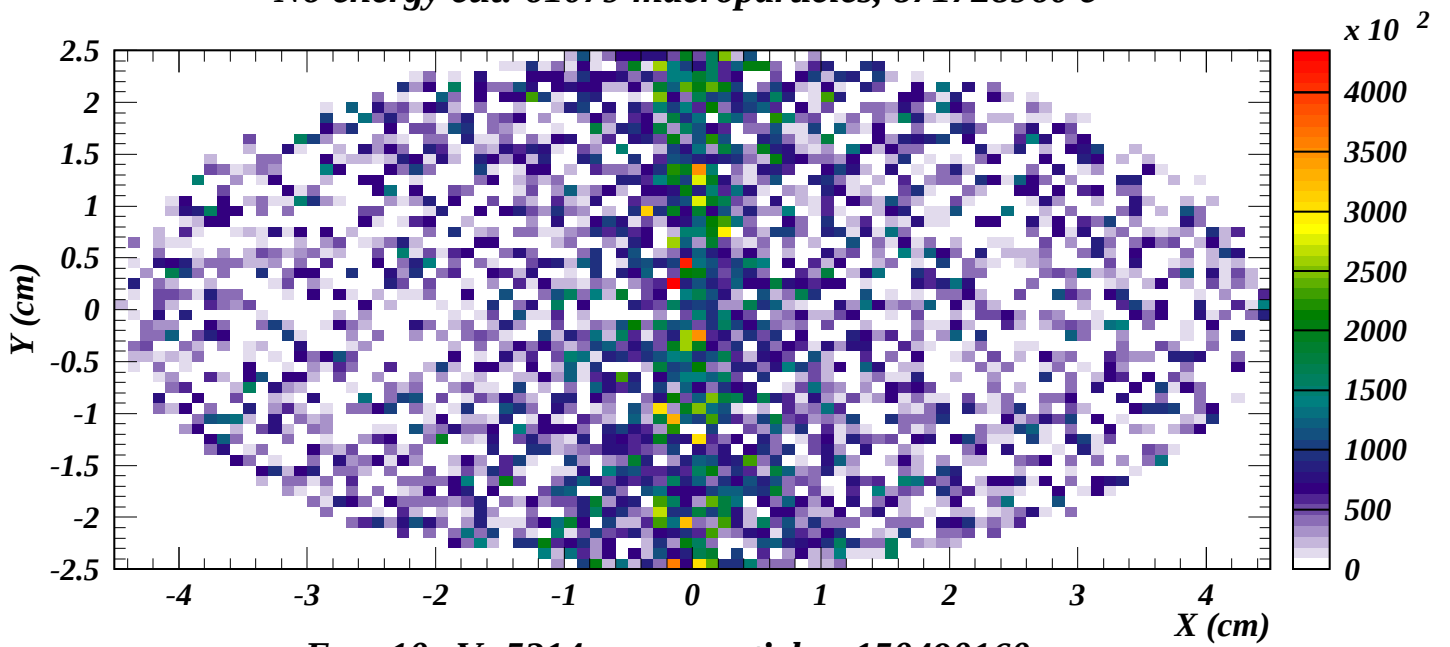


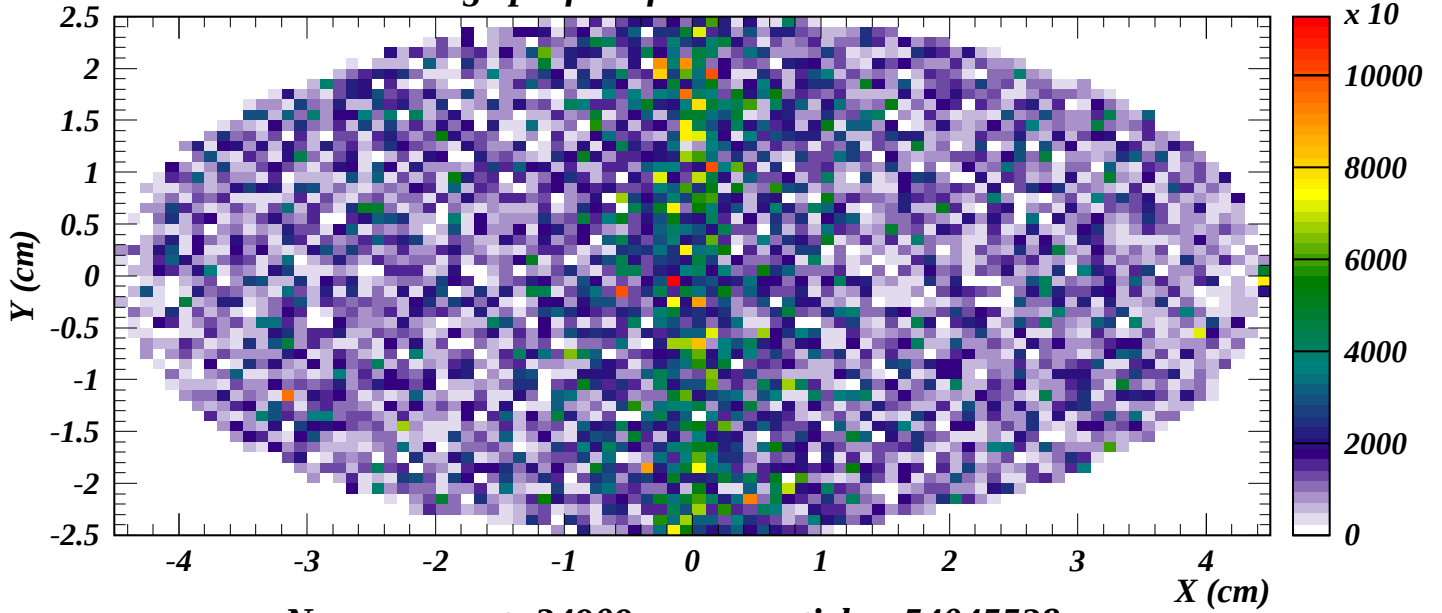
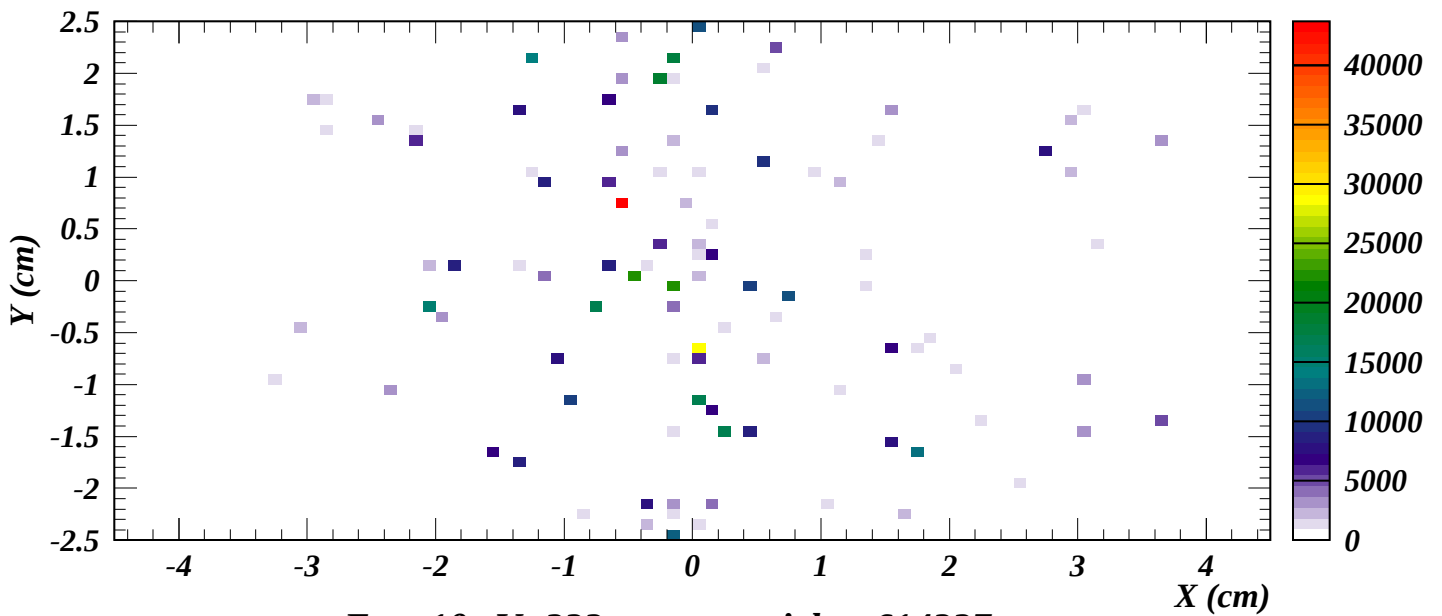
$E_{\text{kin}} > 10 \text{ eV}$: 6474 macroparticles, 242907968 e-

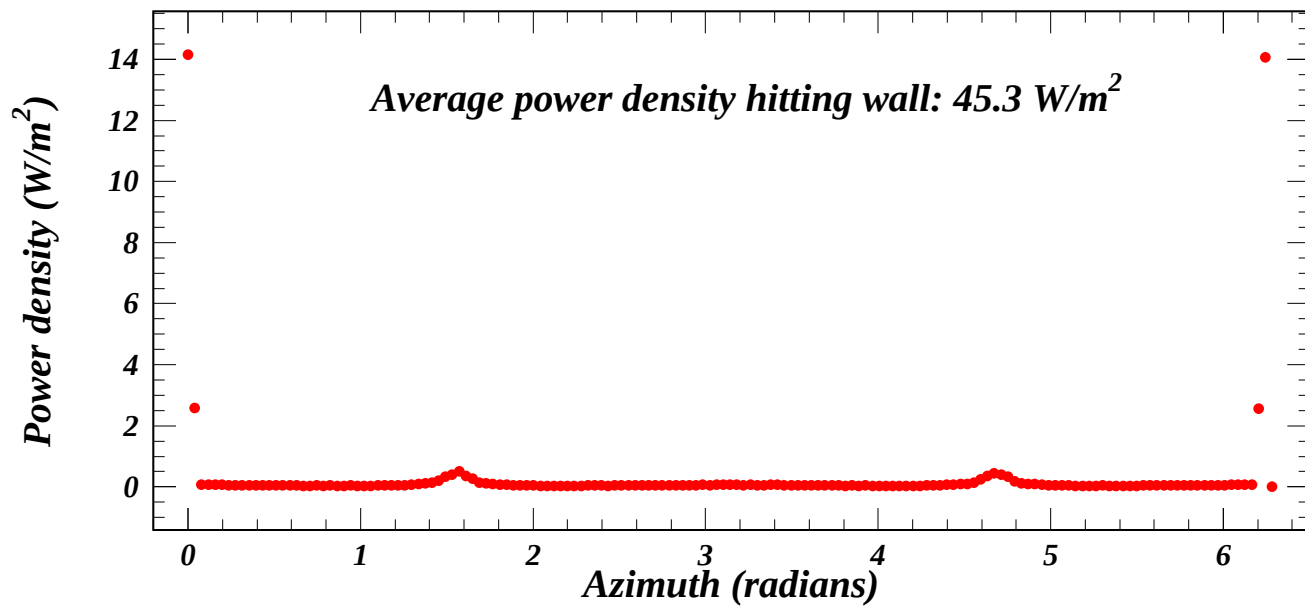
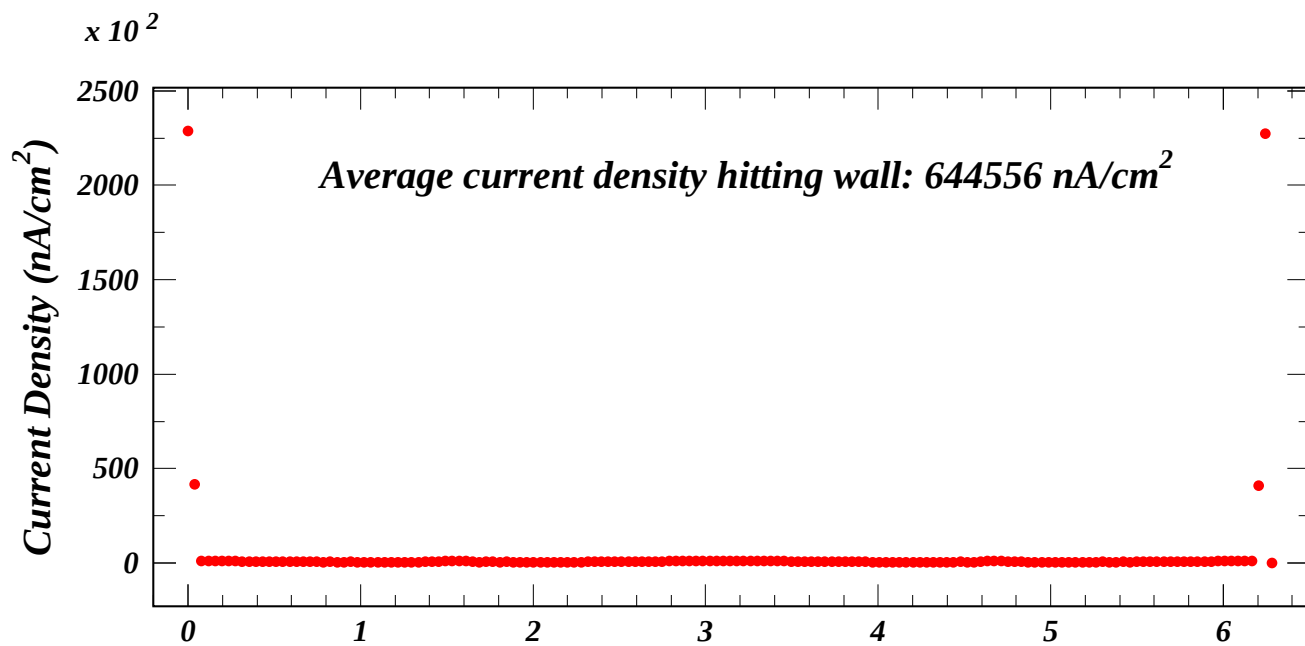
Cloud charge profile after bunch 10 at time = 140 ns*No energy cut: 78760 macroparticles, 1036846272 e-* *$E_{\text{kin}} > 10 \text{ eV}$: 7042 macroparticles, 252585520 e-*

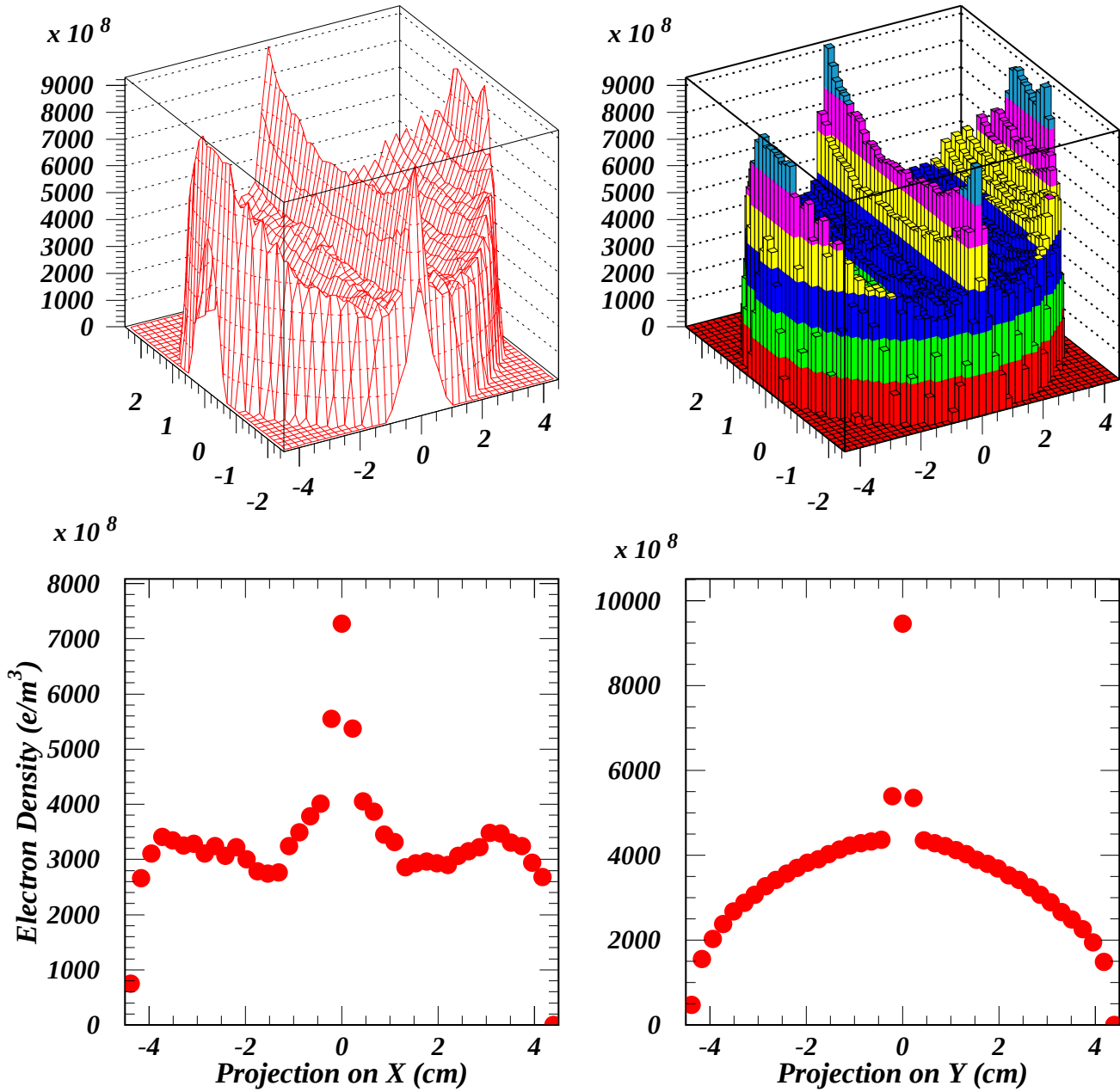
Cloud charge profile after bunch 11 at time = 140.4 ns***No energy cut: 82692 macroparticles, 1764191232 e $^-$***  ***$E_{kin} > 10$ eV: 11427 macroparticles, 430883936 e $^-$***

Cloud charge profile after bunch 11 at time = 154 ns*No energy cut: 82468 macroparticles, 1082929664 e-* *$E_{\text{kin}} > 10 \text{ eV}$: 7586 macroparticles, 265541712 e-*

Cloud charge profile after bunch 12 at time = 168 ns*No energy cut: 61079 macroparticles, 871728960 e-* *$E_{\text{kin}} > 10$ eV: 5214 macroparticles, 150490160 e-*

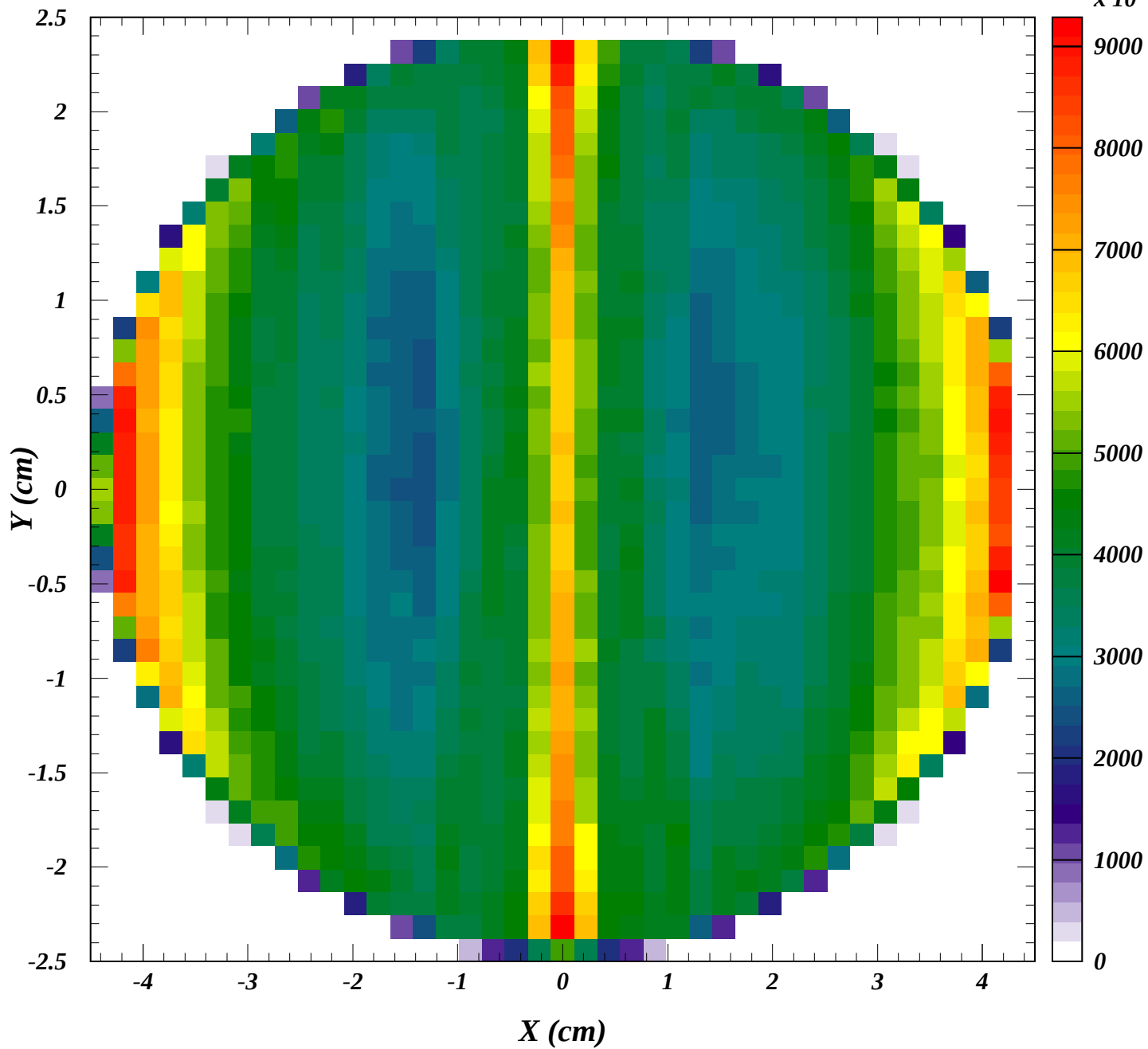
Cloud charge profile after bunch 46 at time = 630 ns*No energy cut: 34909 macroparticles, 54045528 e-* *$E_{kin} > 10$ eV: 233 macroparticles, 614327 e-*

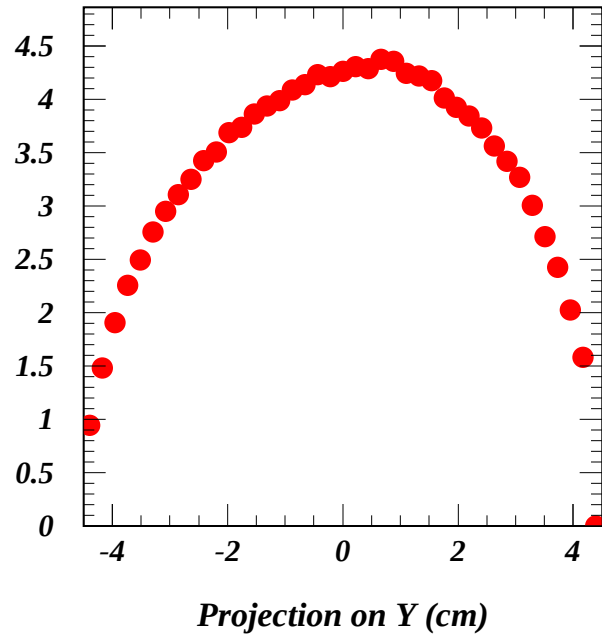
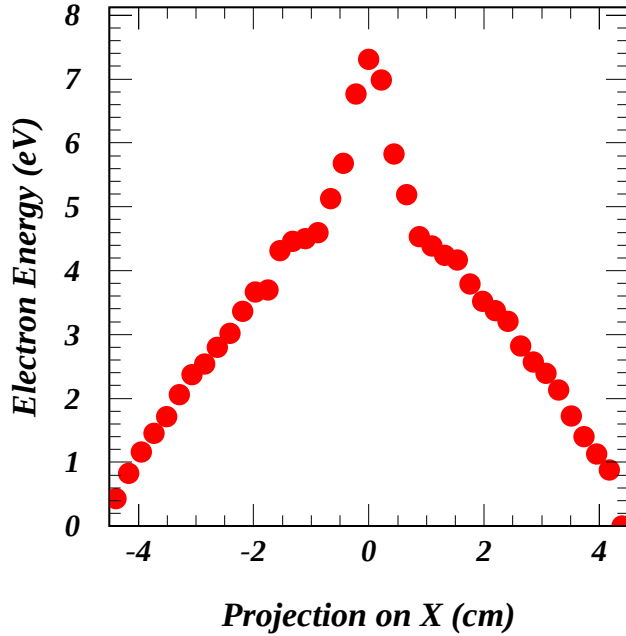
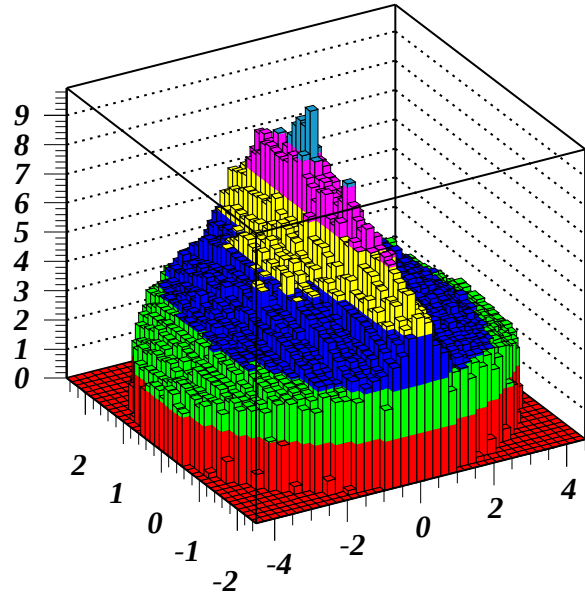
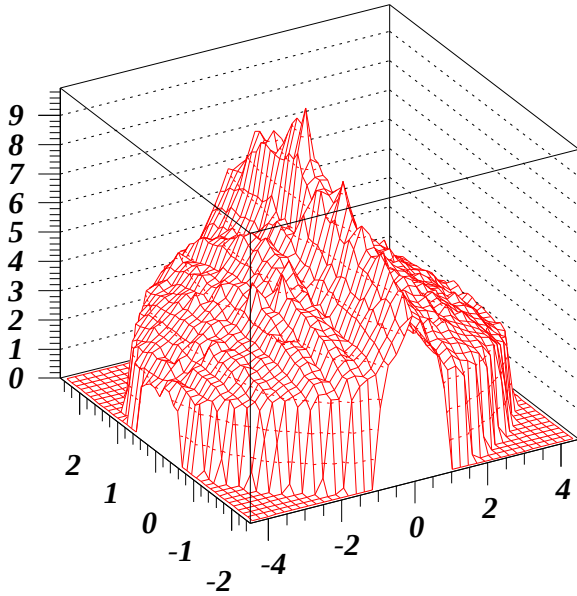


ECLLOUD-TS0608_SEY20_Epk310: Cloud Density (e/m^3) Averaged Over 643.6 ns

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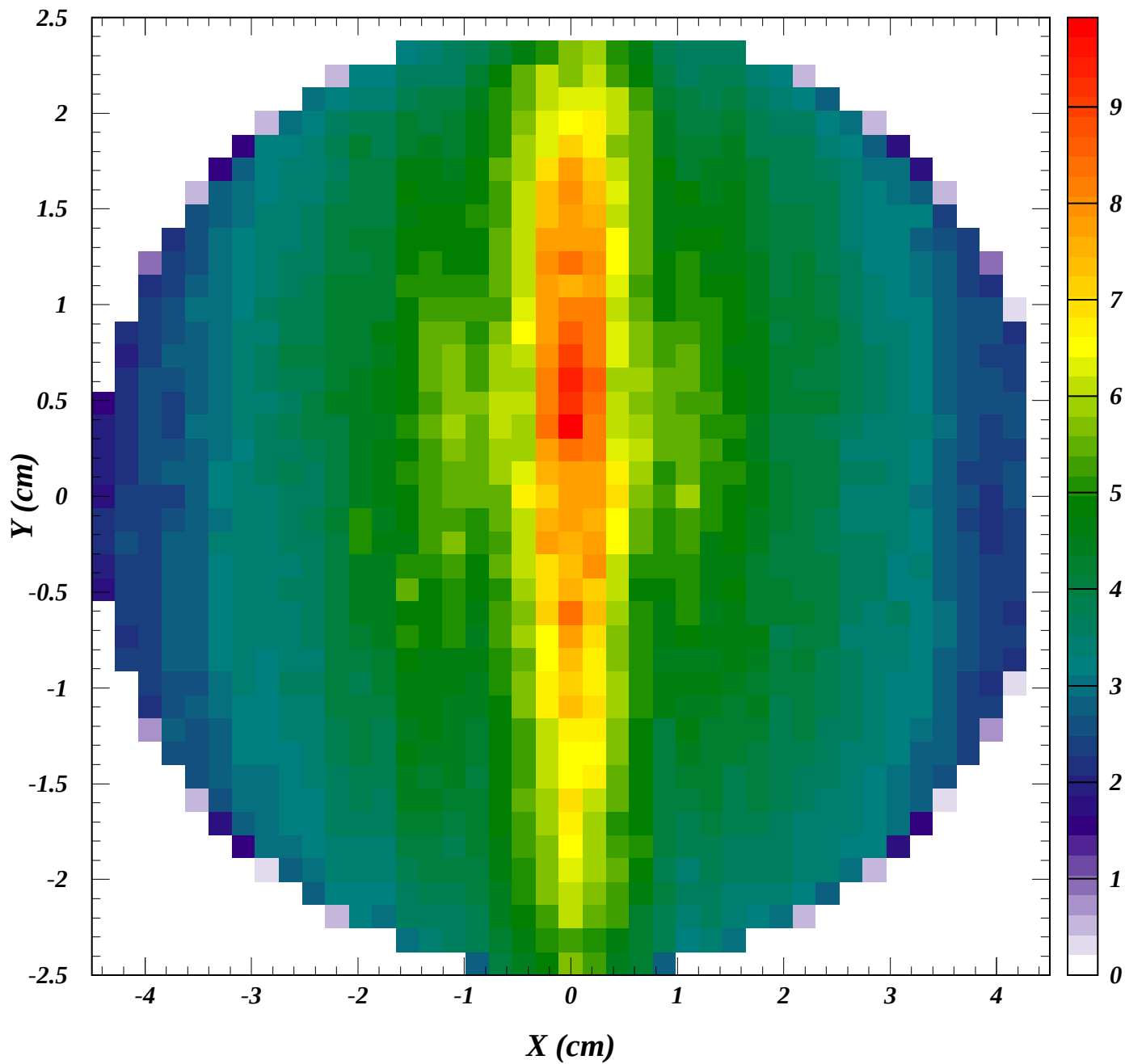
ECLLOUD-TS0608_SEY20_Epk310: Cloud Density (e/m^3) Averaged Over 643.6 ns



ECLLOUD-TS0608_SEY20_Epk310: Electron Energies (eV) Averaged Over 643.6 ns

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ECLLOUD-TS0608_SEY20_Epk310: Electron Energies (eV) Averaged Over 643.6 ns



Jobs 14284 to 14284: RFA Collector Currents (nA)