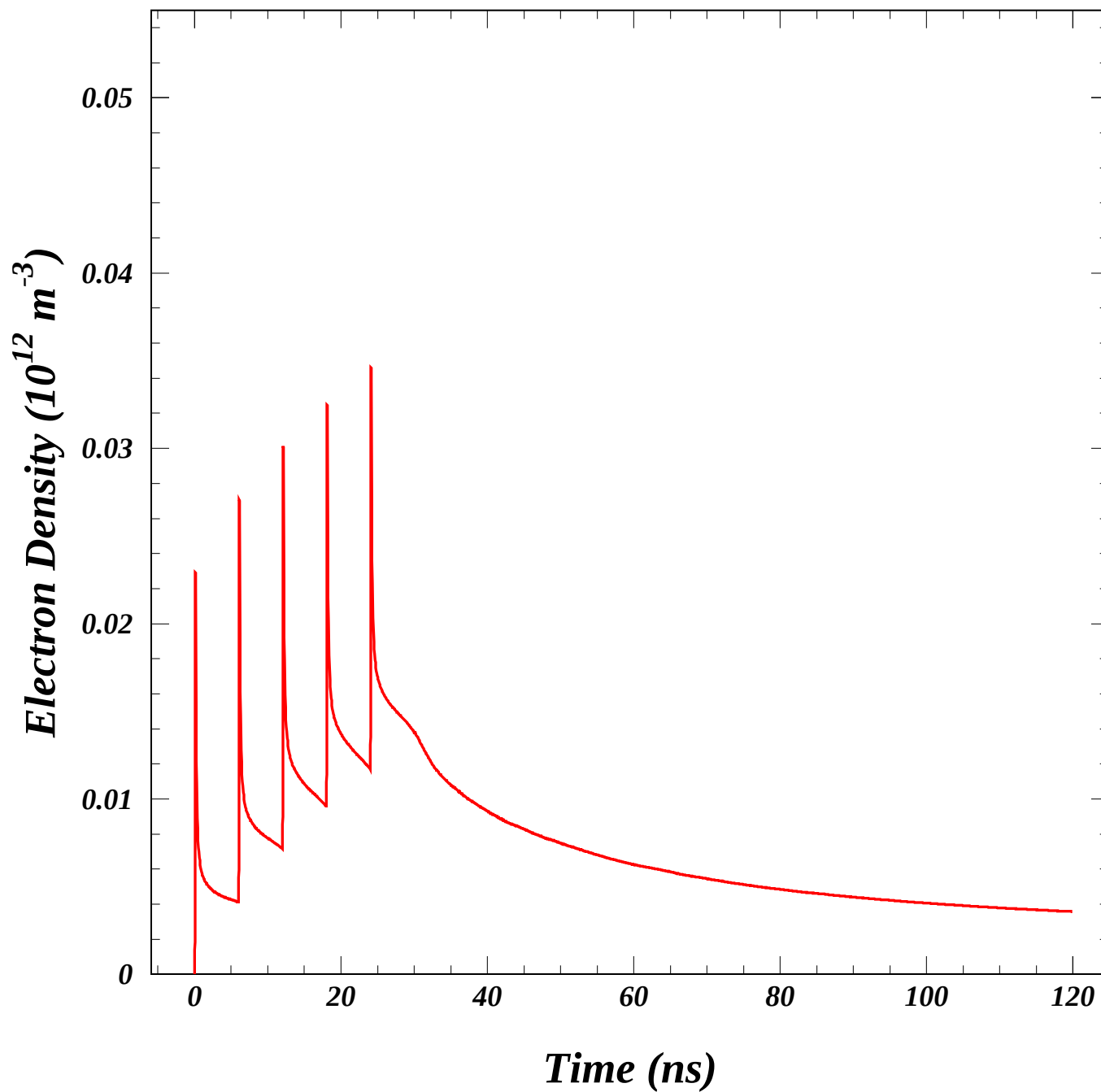
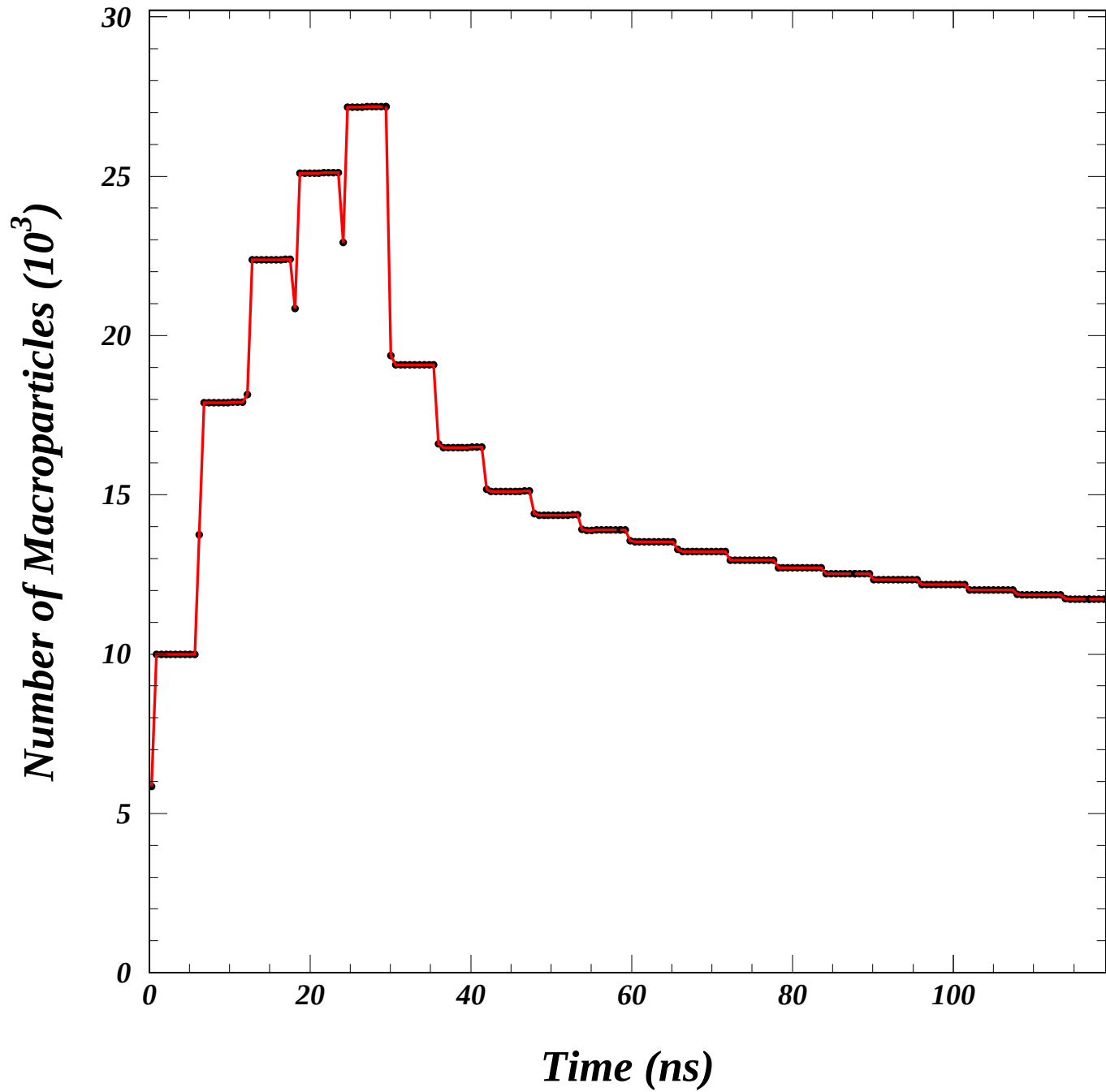
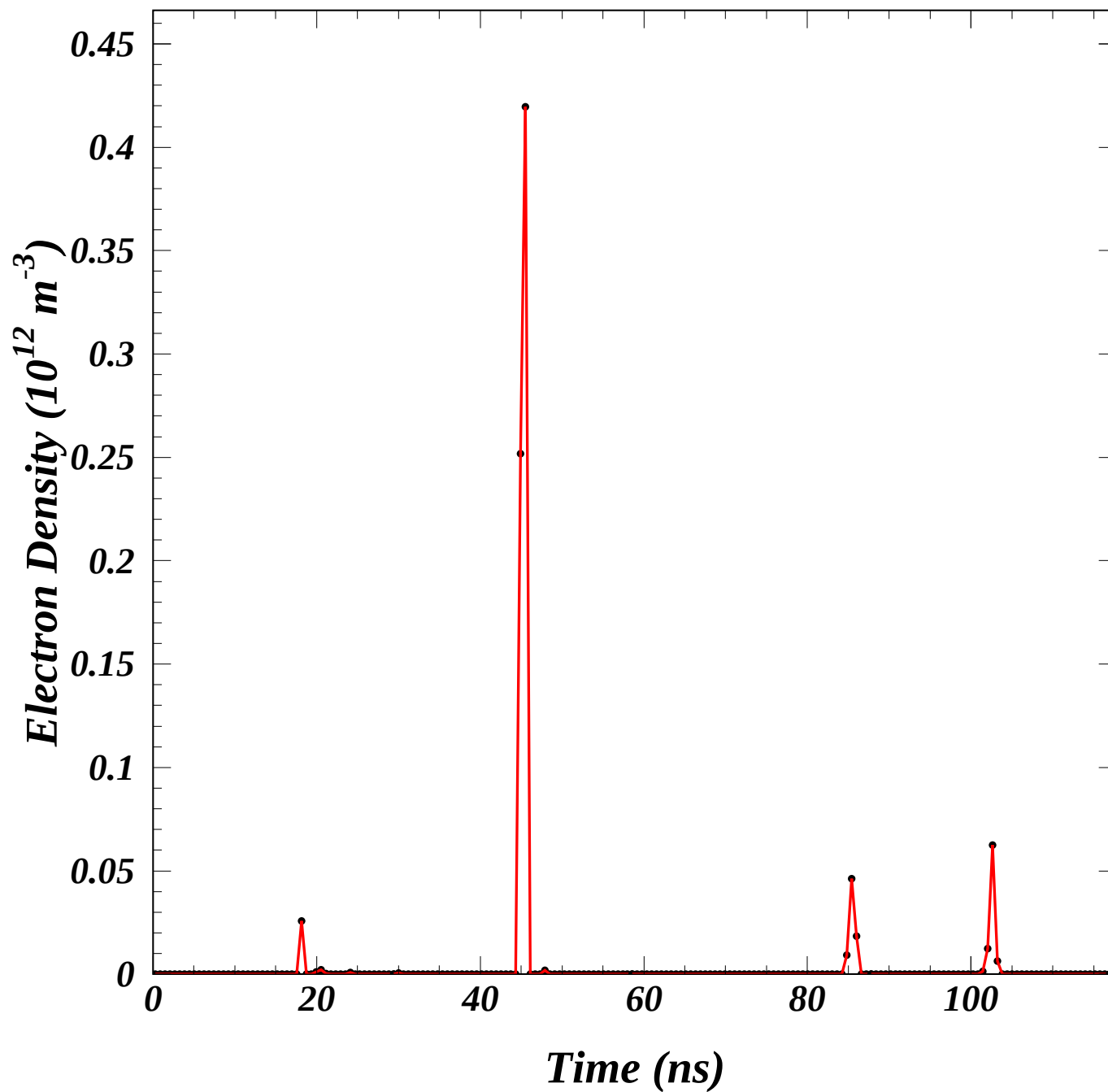


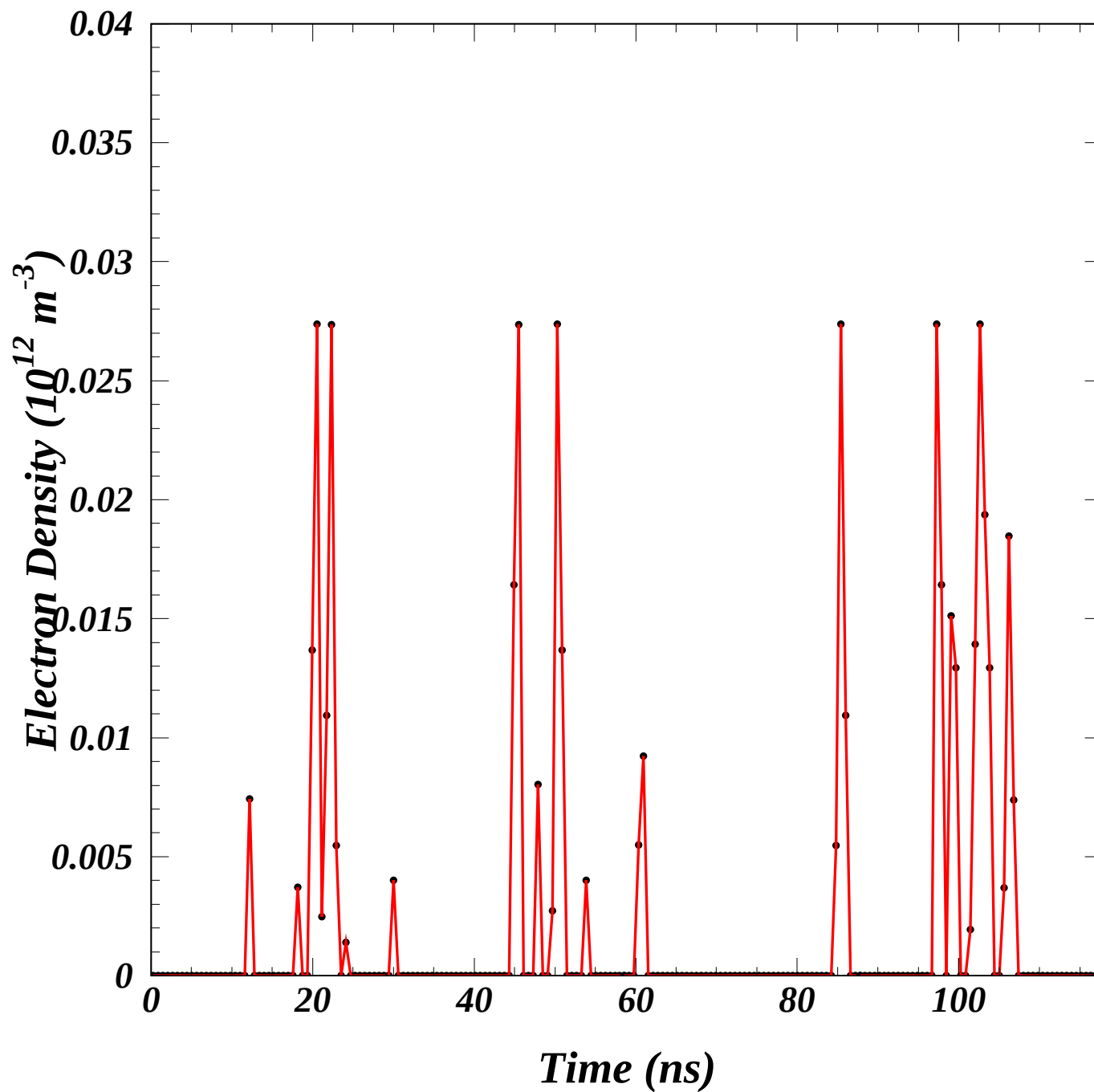
Beampipe-averaged Cloud Density (10^{12} m^{-3}) 10/03/17 10.08



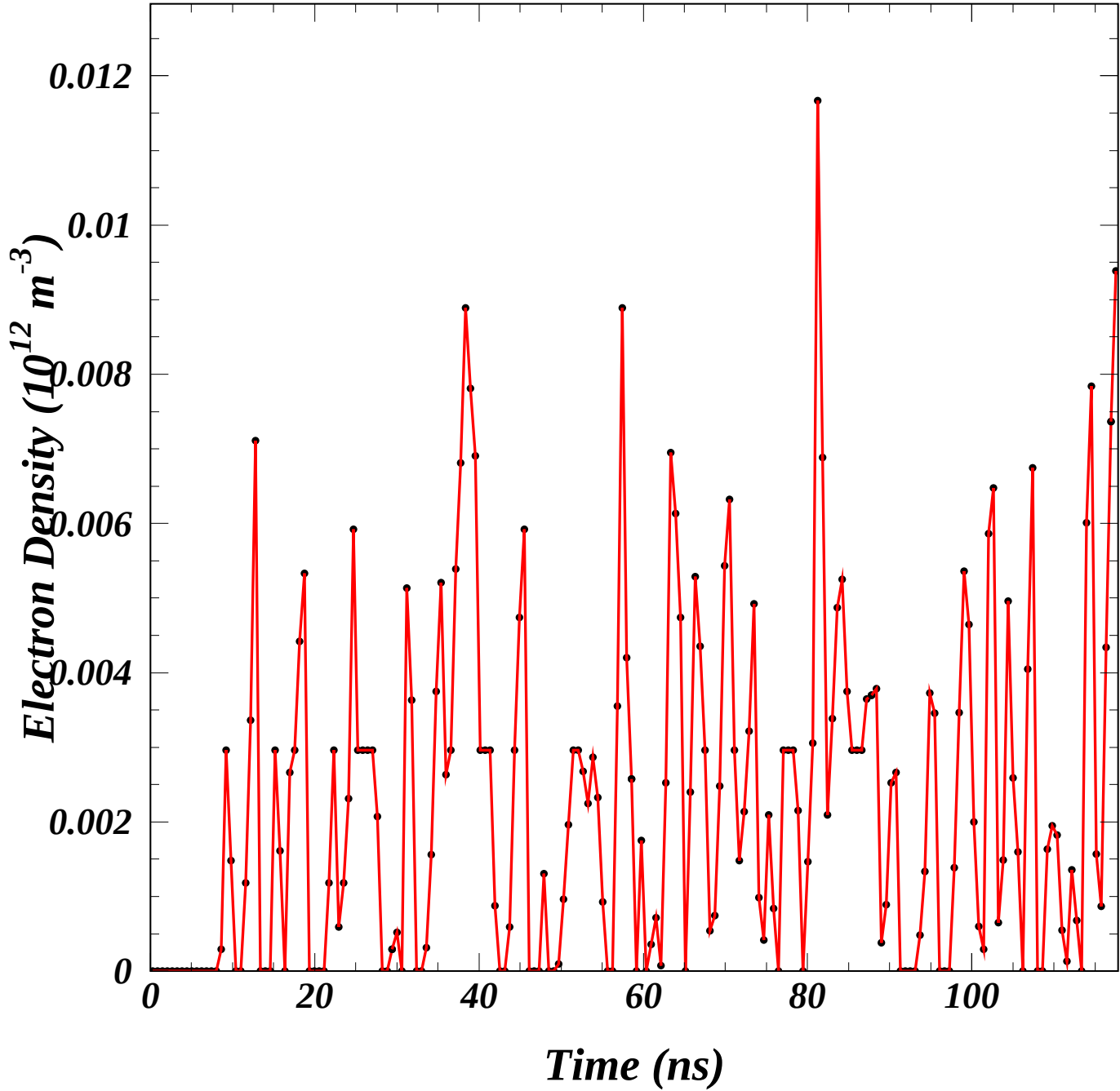
Macroparticle Statistics



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

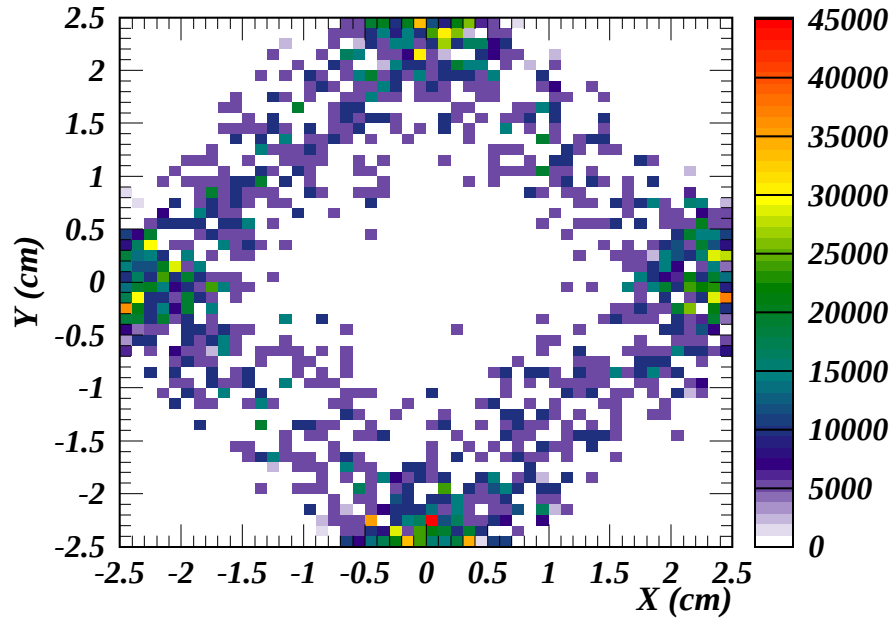
5-Sigma Cloud Density at Center of Pipe (10^{12} m^{-3})

ECLOUD-DR20100308_5b_64_qua: Cloud Density in Central Grid Cell (10^{12} m^{-3})

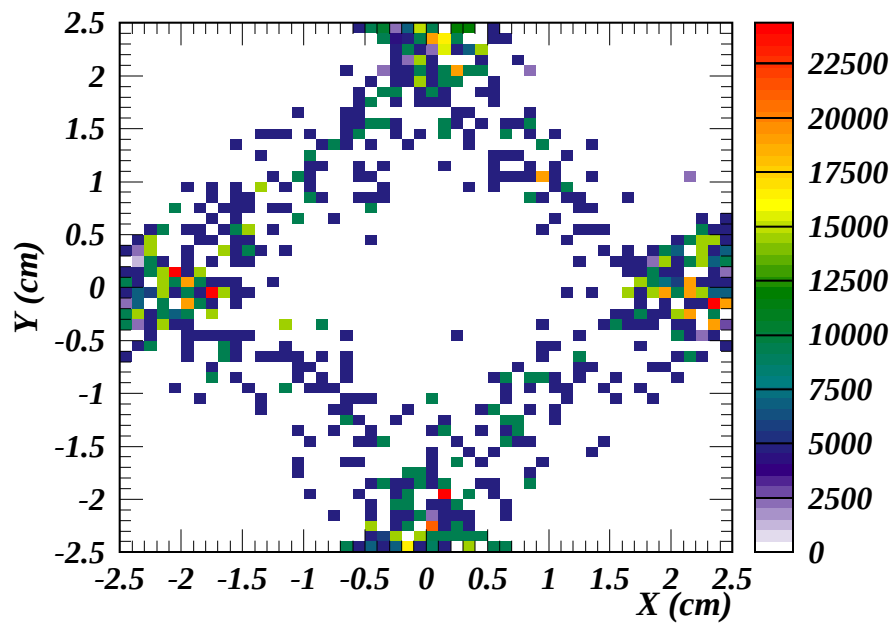


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Cloud charge snapshot after bunch 1 at time = 6 ns



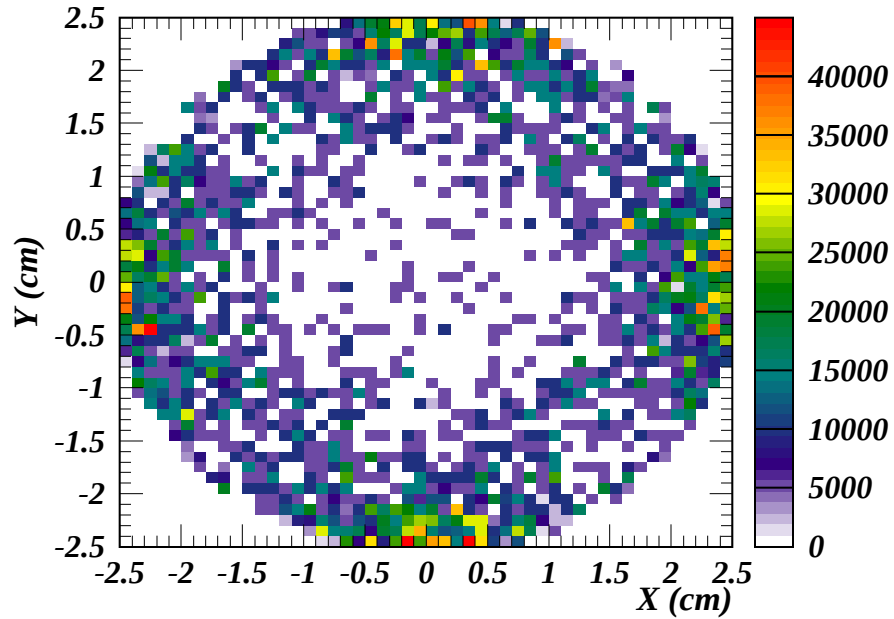
No energy cut: 9969 macroparticles, 8343793 e-



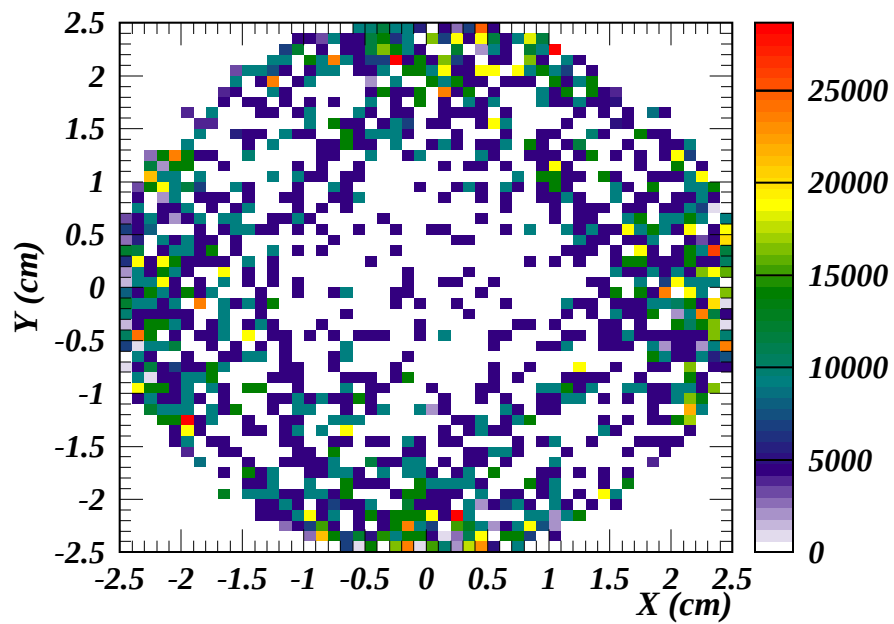
$E_{kin} > 10$ eV: 845 macroparticles, 3.72024e+06 e-

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Cloud charge snapshot after bunch 2 at time = 12 ns

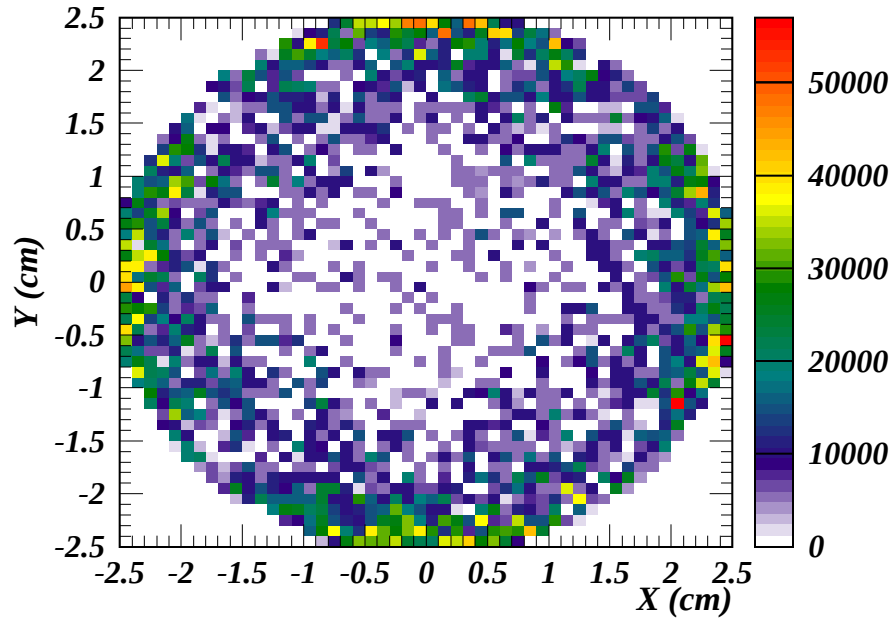


No energy cut: 17855 macroparticles, 14502185 e-

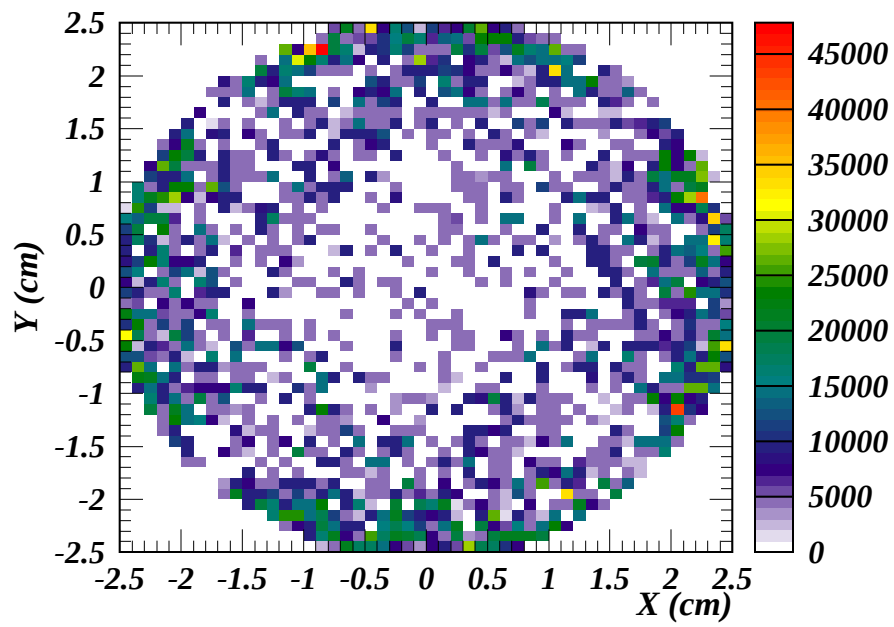


$E_{kin} > 10$ eV: 2041 macroparticles, 8719791 e-

Cloud charge snapshot after bunch 3 at time = 18 ns

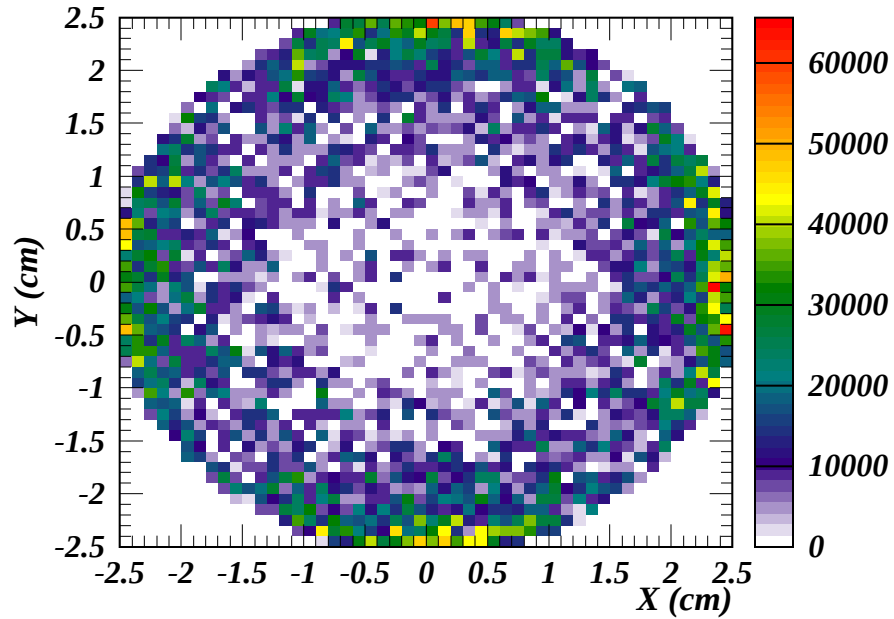


No energy cut: 22335 macroparticles, 19425256 e-

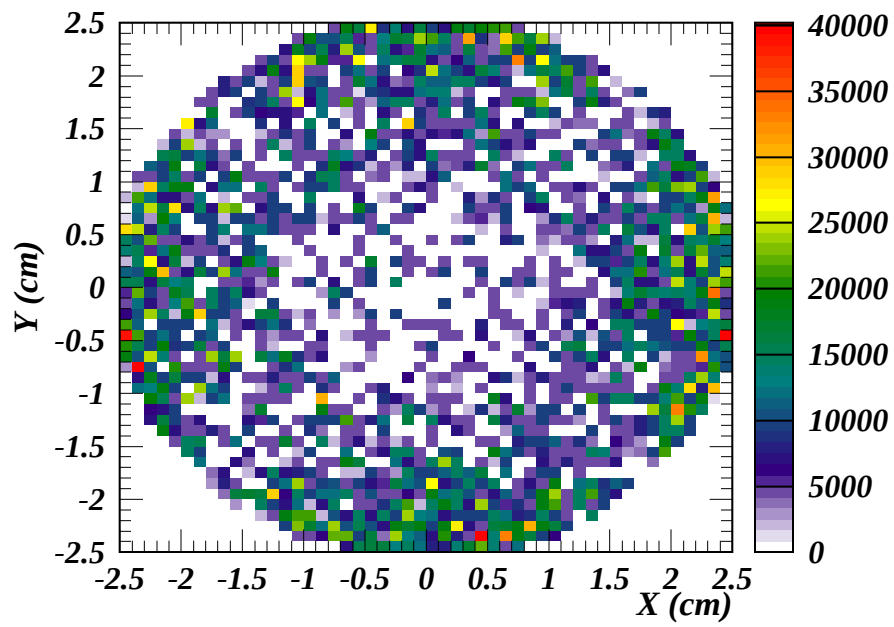


$E_{kin} > 10$ eV: 3059 macroparticles, 12079237 e-

Cloud charge snapshot after bunch 4 at time = 24 ns



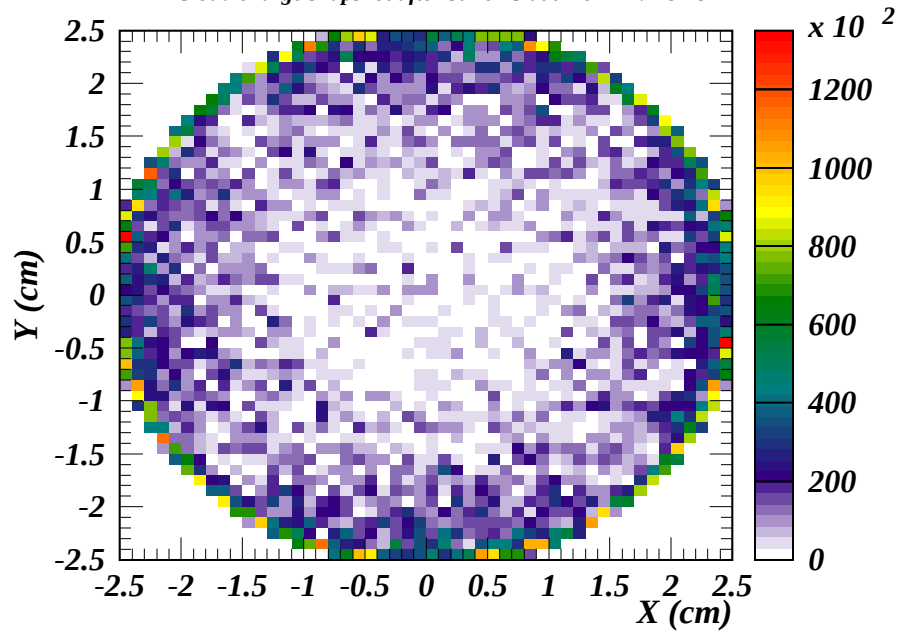
No energy cut: 25038 macroparticles, 23729102 e-



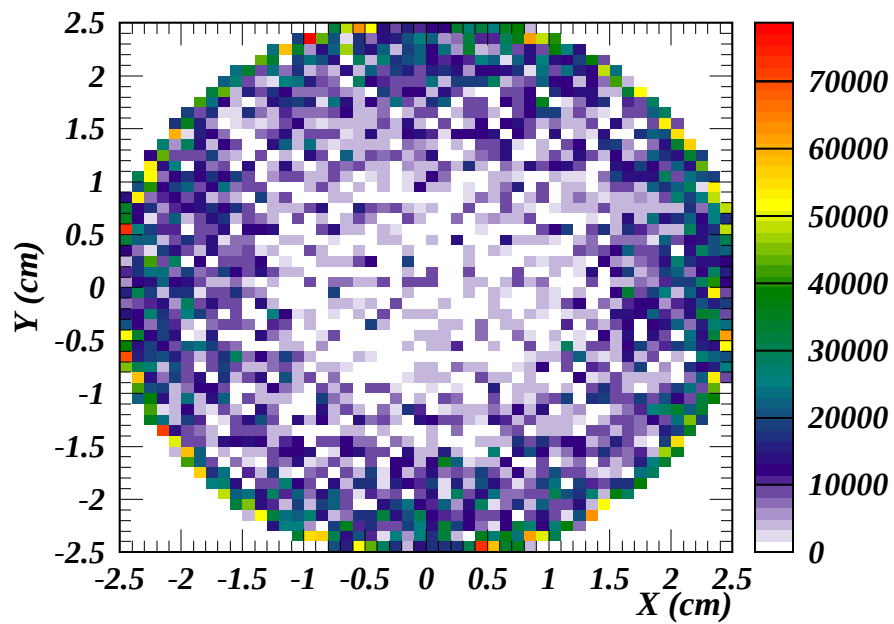
$E_{kin} > 10$ eV: 4143 macroparticles, 15132811 e-

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Cloud charge snapshot after bunch 5 at time = 24.129 ns



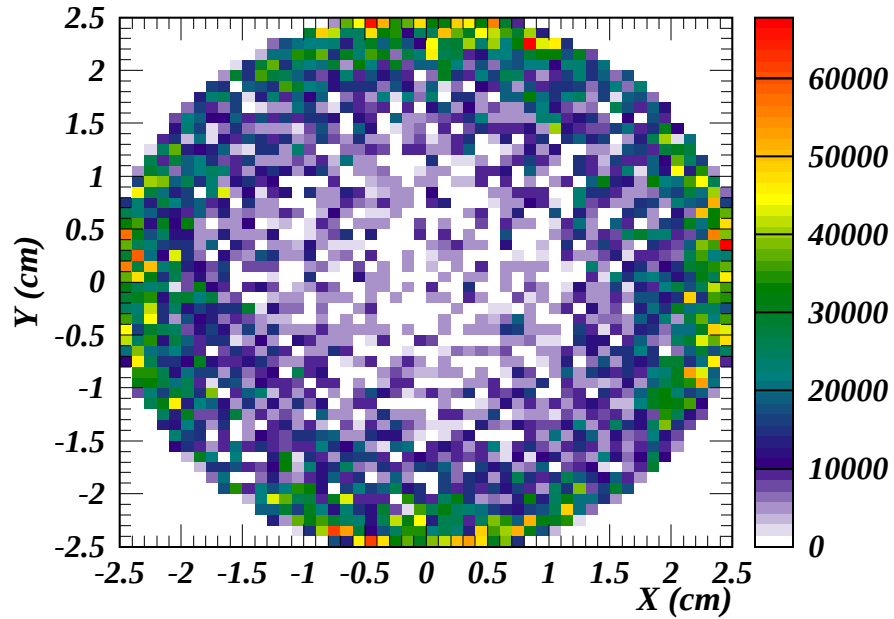
No energy cut: 27169 macroparticles, 68546544 e-



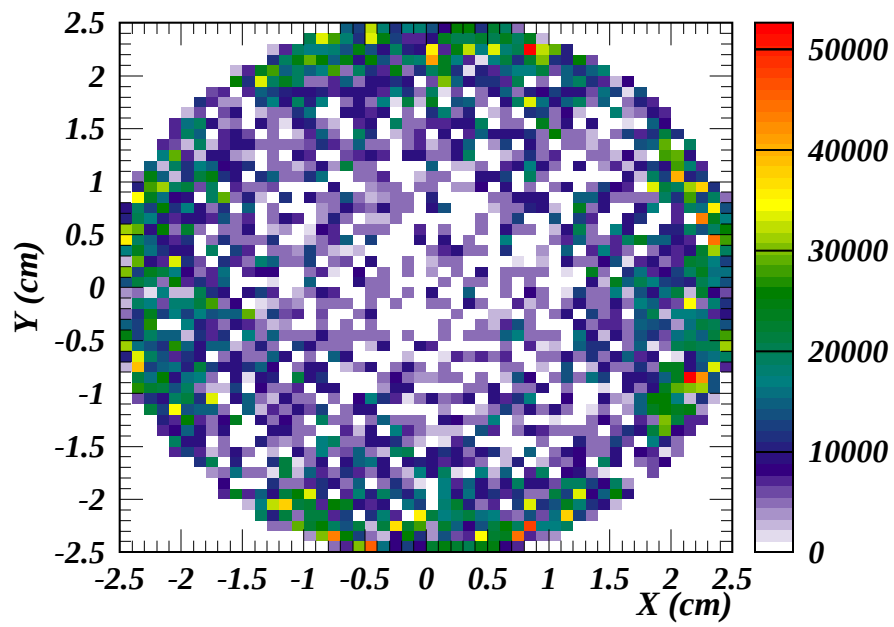
$E_{kin} > 10$ eV: 10821 macroparticles, 40481072 e-

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Cloud charge snapshot after bunch 5 at time = 30 ns



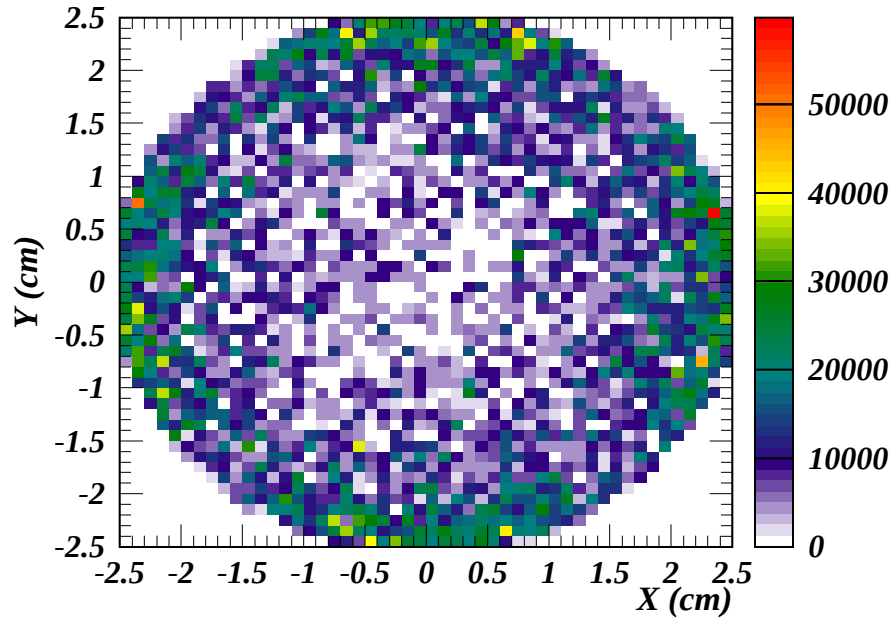
No energy cut: 27107 macroparticles, 28044370 e-



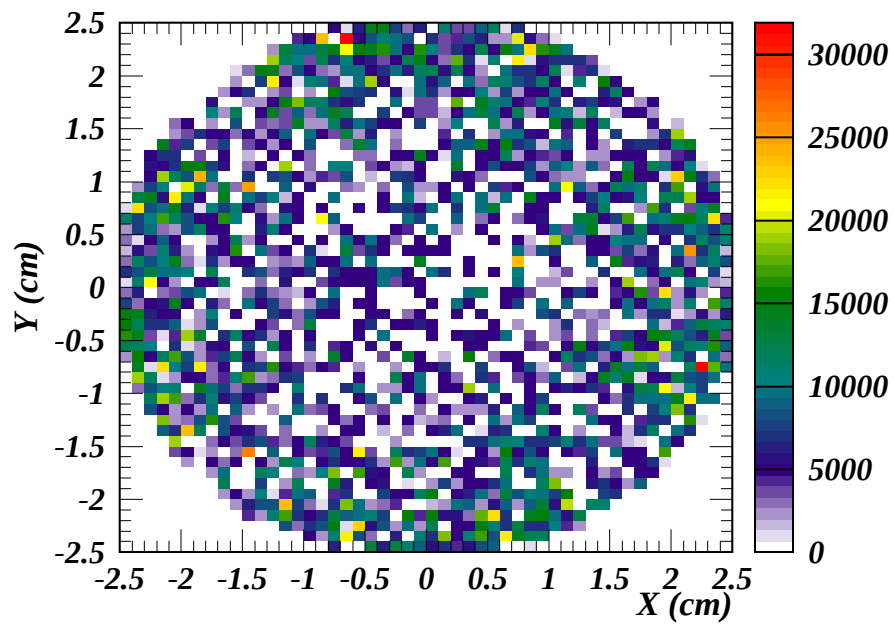
$E_{kin} > 10$ eV: 5427 macroparticles, 18519156 e-

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Cloud charge snapshot after bunch 6 at time = 36 ns



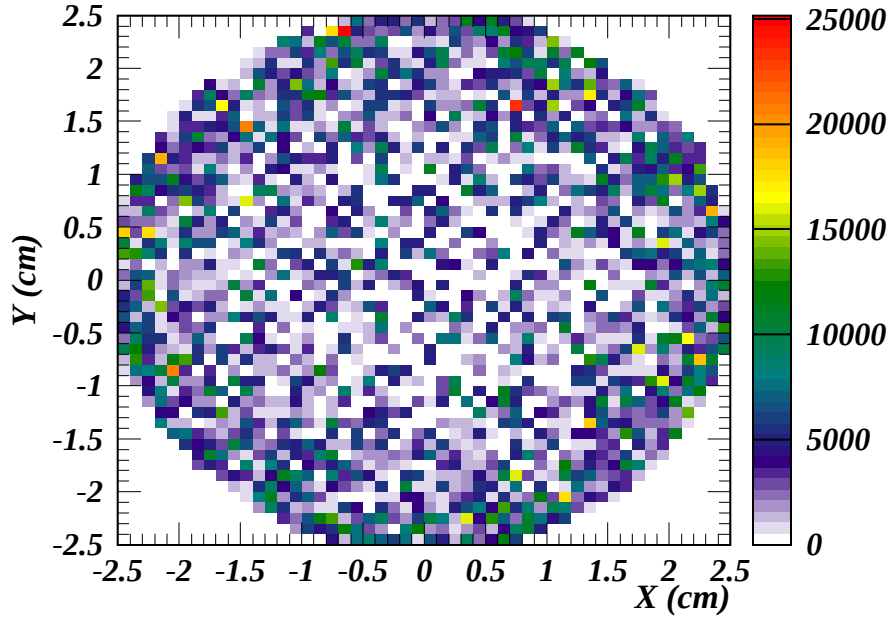
No energy cut: 18984 macroparticles, 21198530 e^-



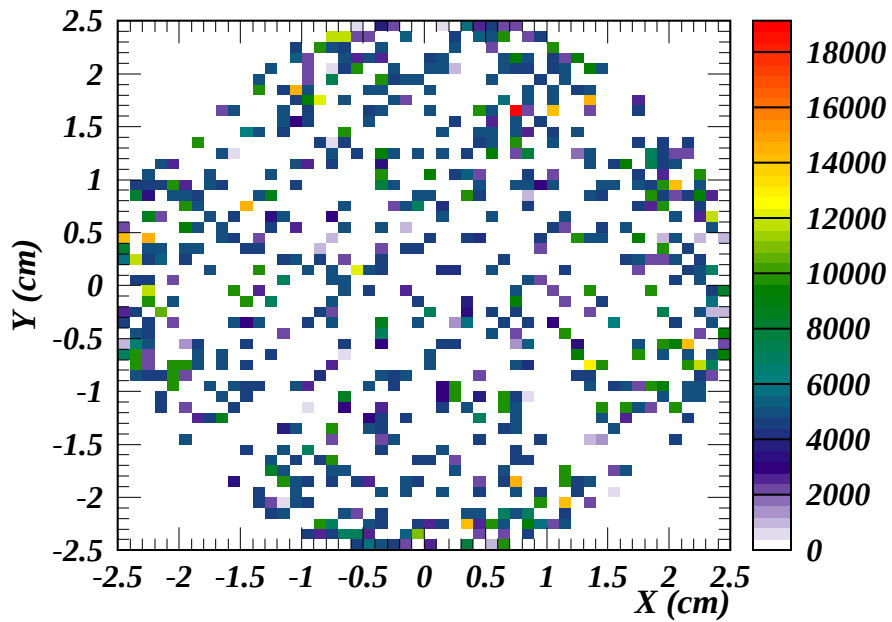
$E_{kin} > 10$ eV: 3689 macroparticles, 11206175 e^-

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Cloud charge snapshot after bunch 21 at time = 120 ns



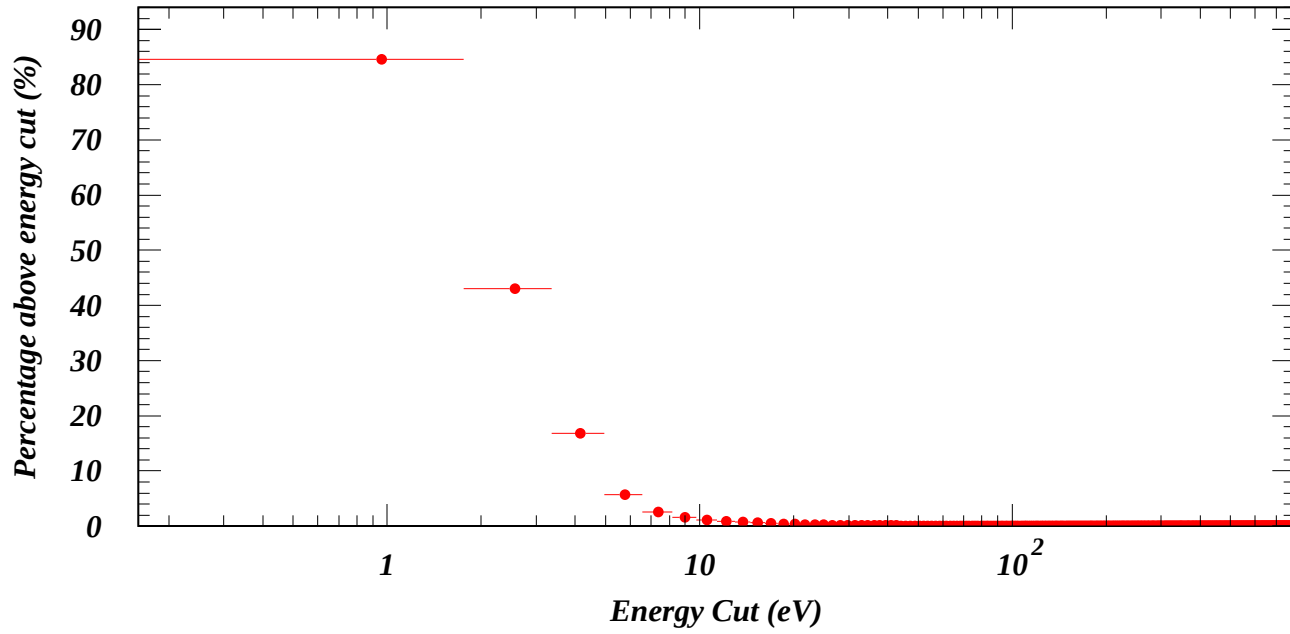
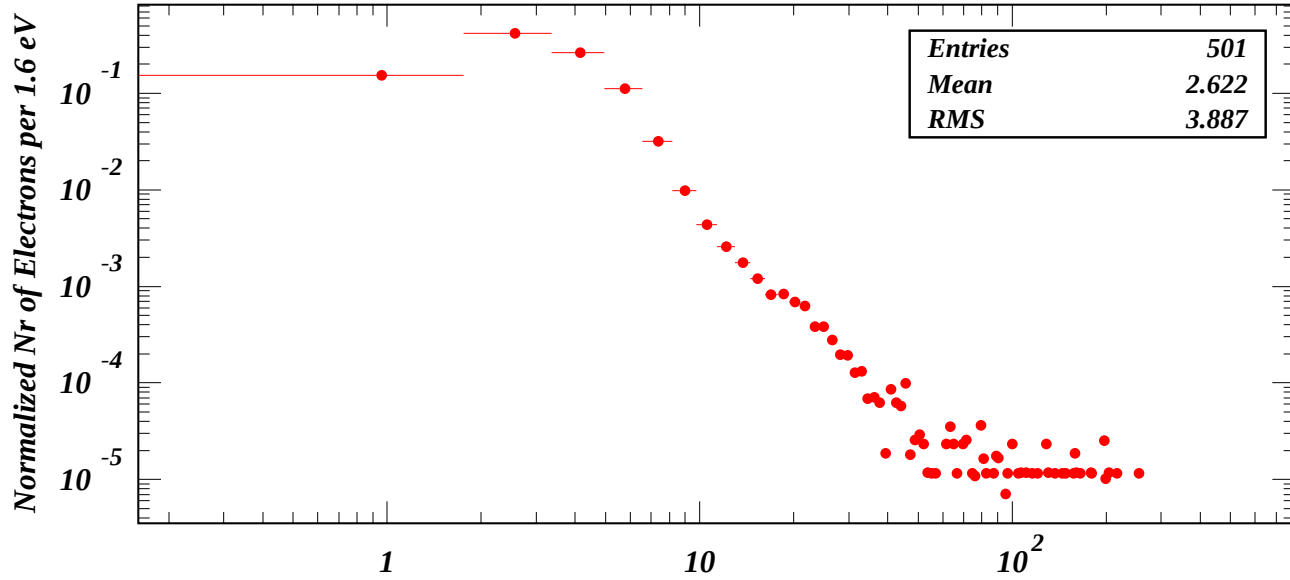
No energy cut: 11611 macroparticles, $7.24143e+06$ e-

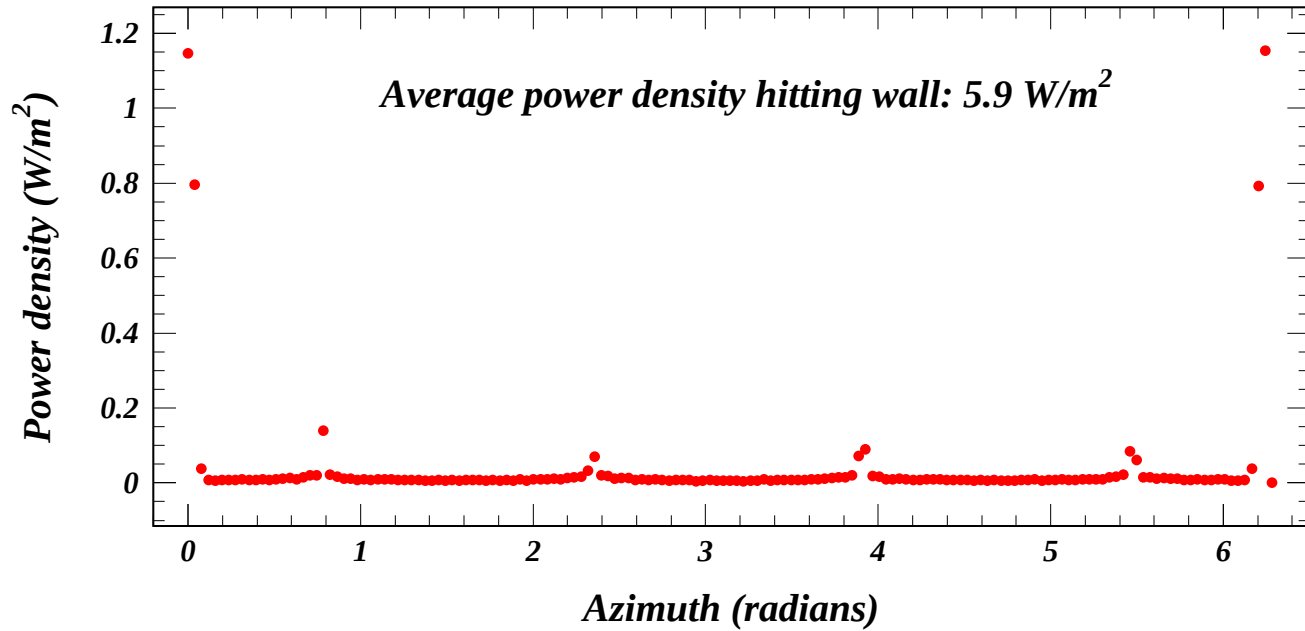
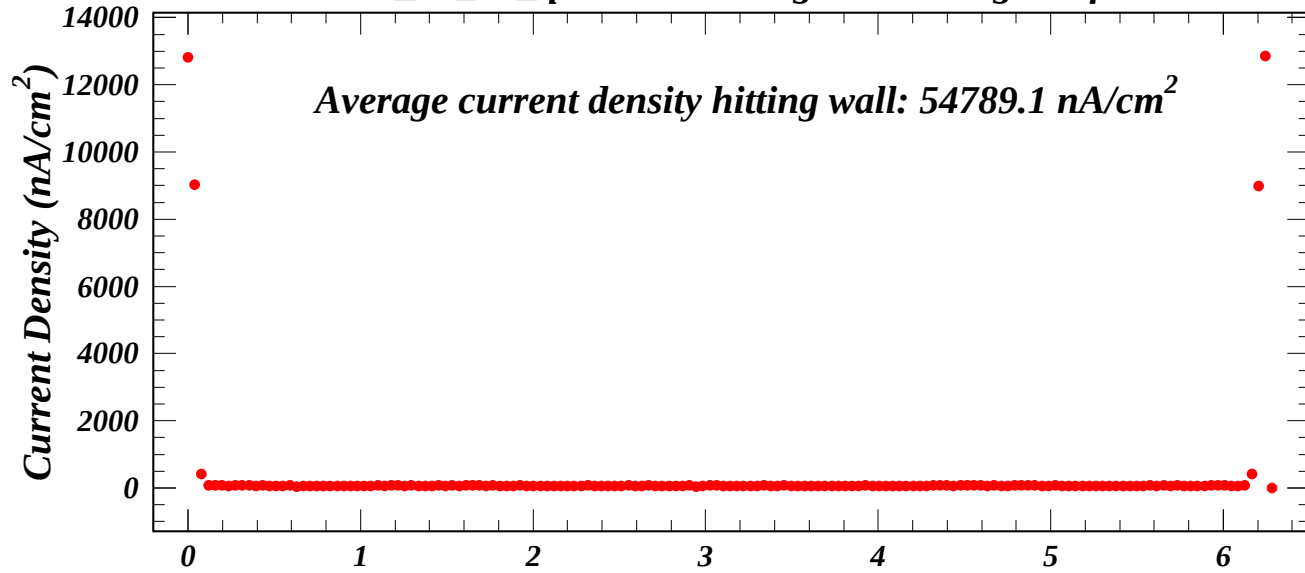


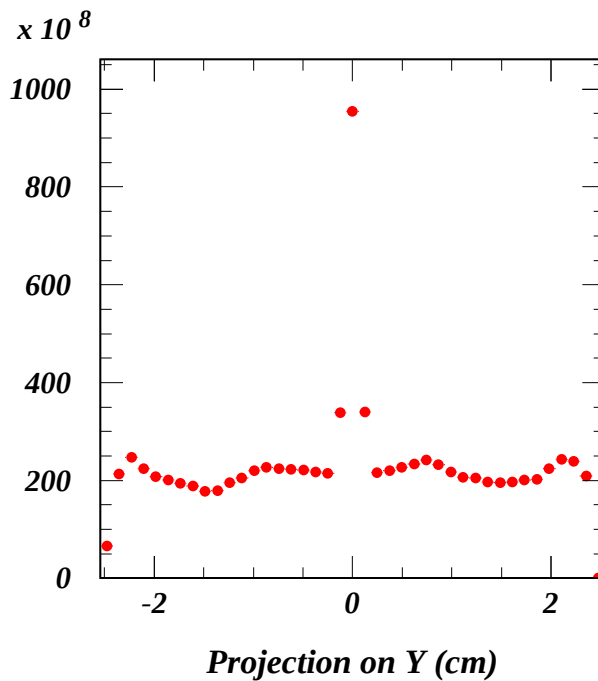
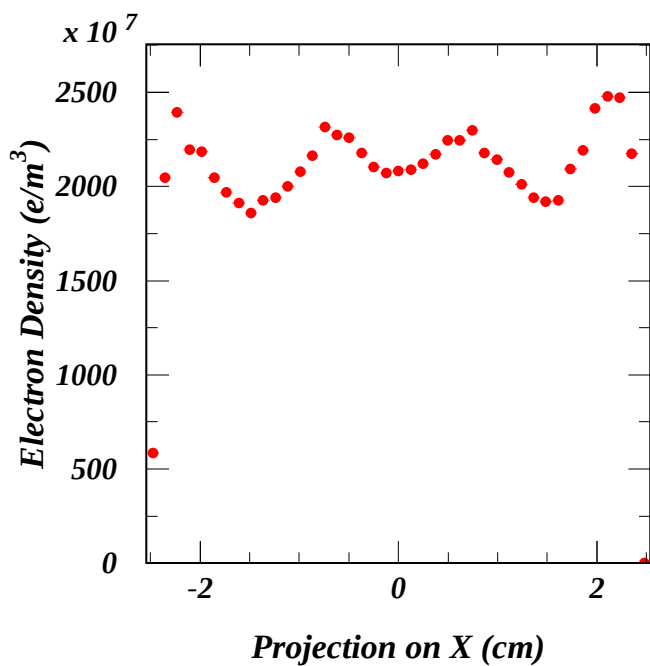
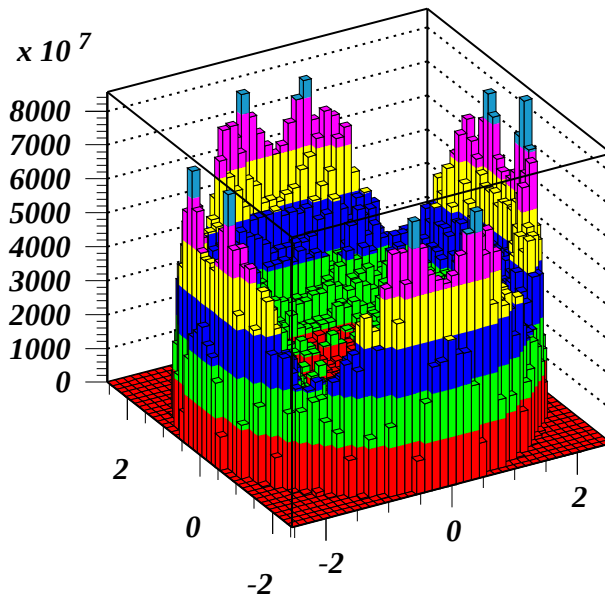
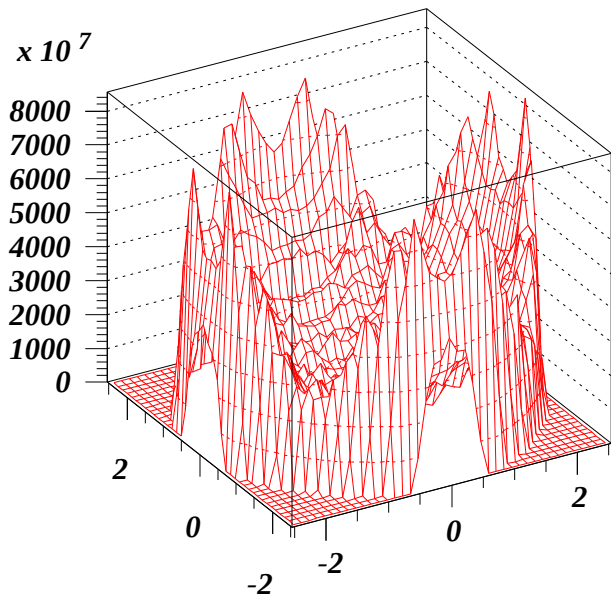
$E_{kin} > 10$ eV: 911 macroparticles, $3.33982e+06$ e-

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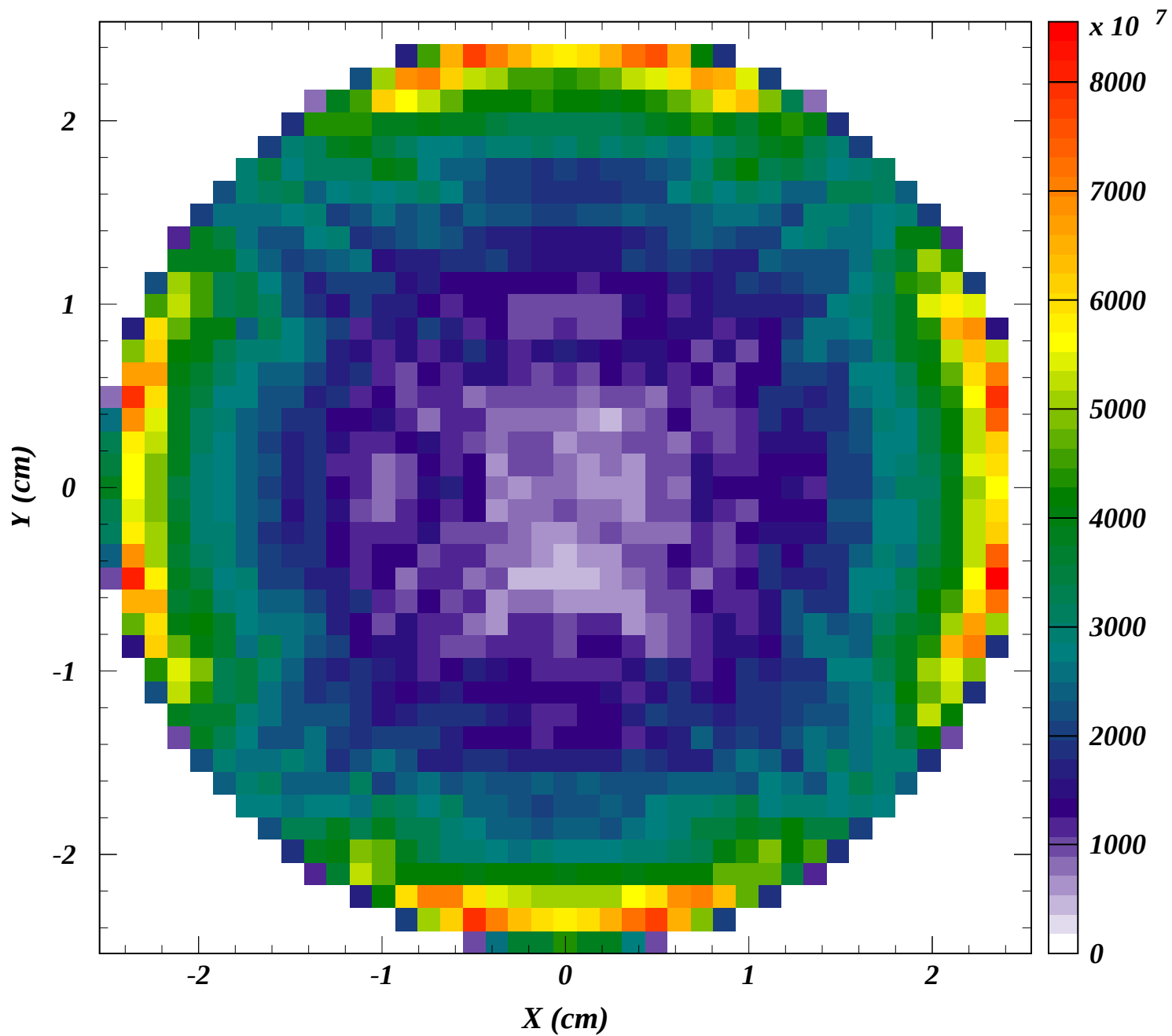
ECLOUD-DR20100308_5b_64_qua: Time-Integrated Energies of Electrons Hitting Wal

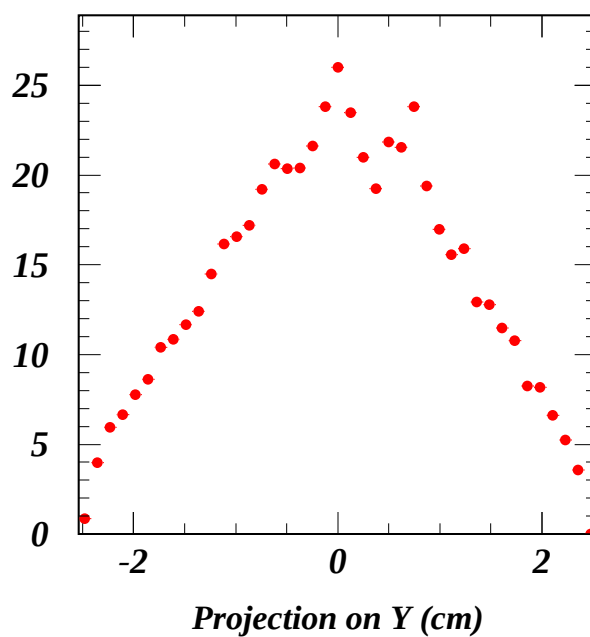
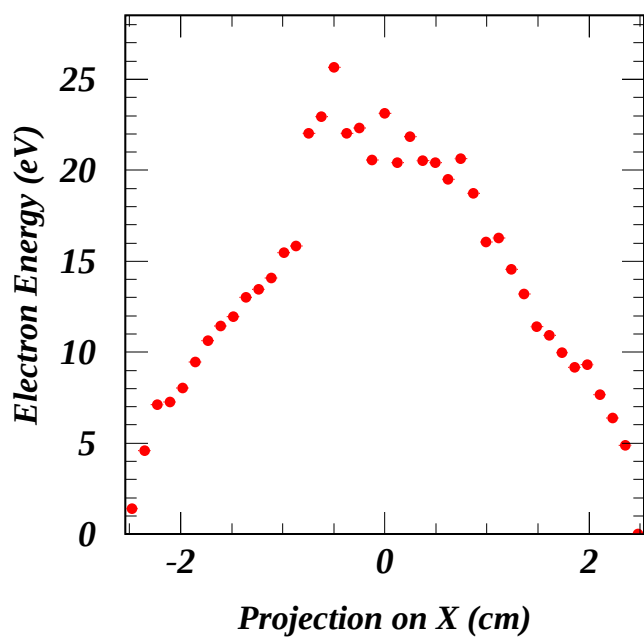
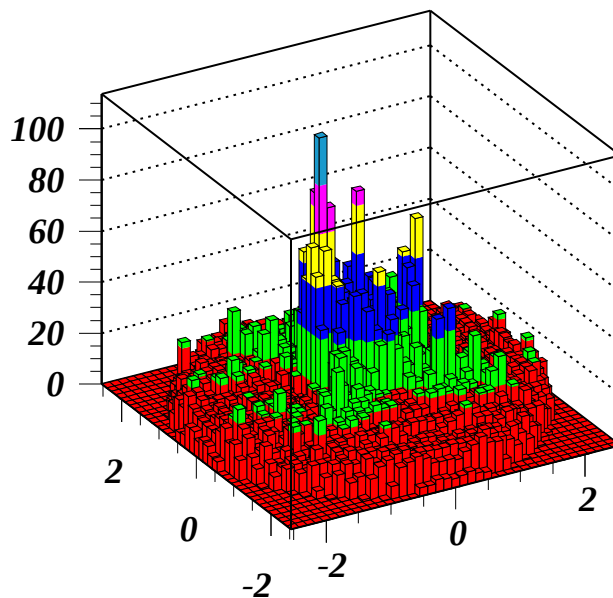
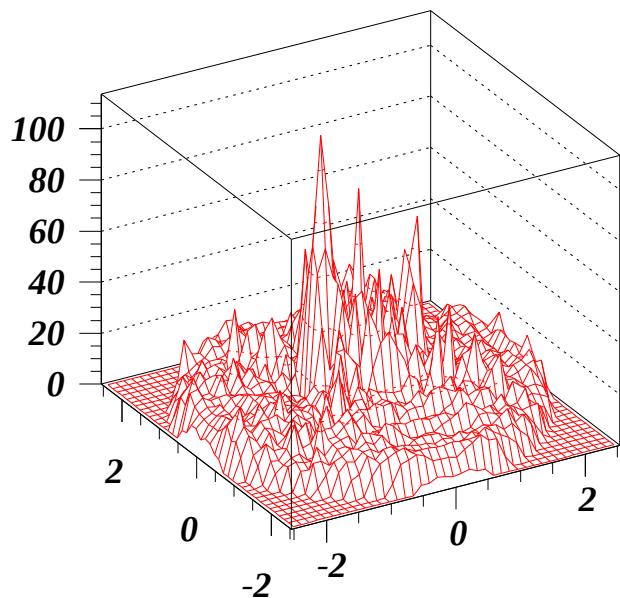


ECLOUD-DR20100308_5b_64_qua: Time-Integrated Energies of Electrons Hitting Wal

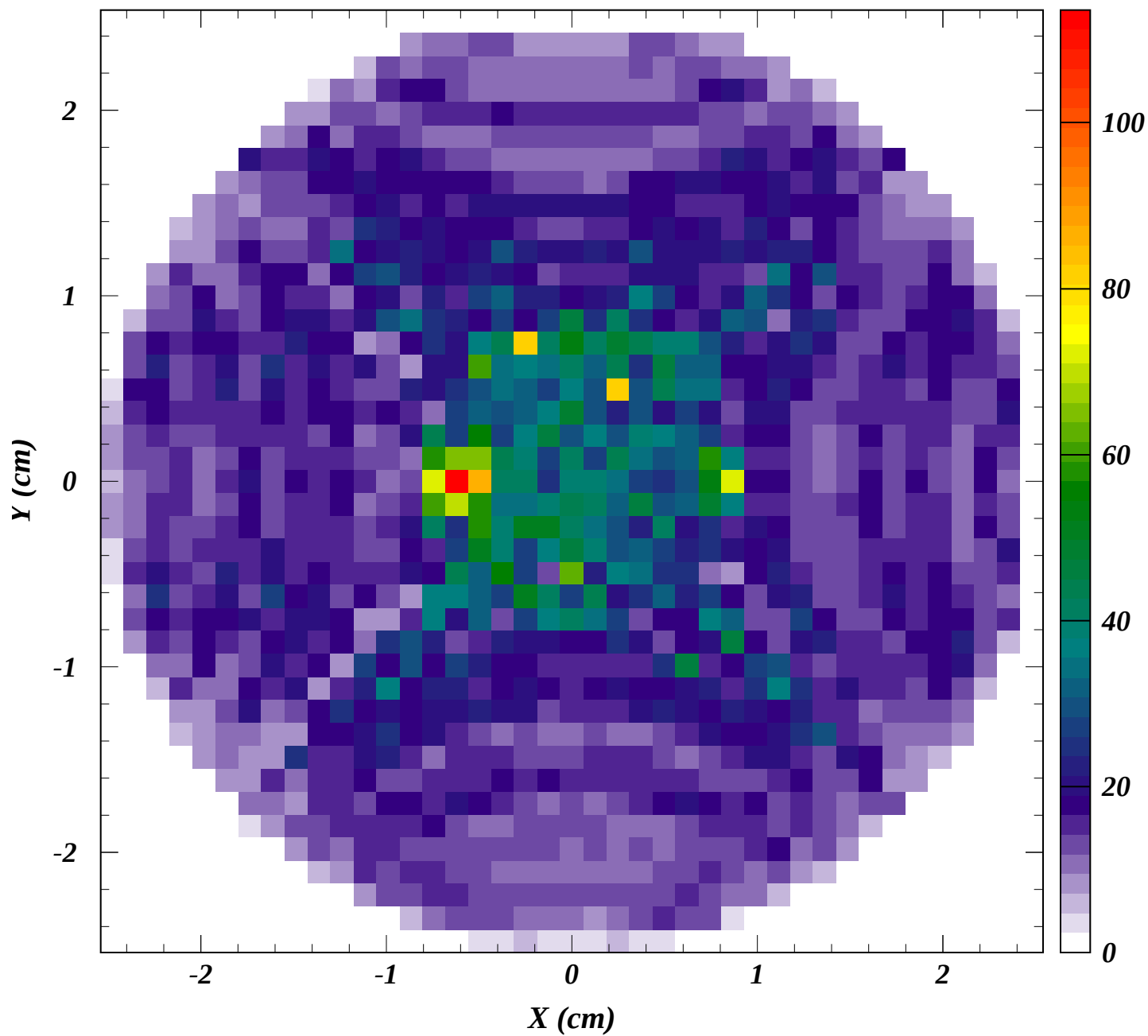
ECLOUD-DR20100308_5b_64_qua: Cloud Density (e/m^3) Averaged Over 120 ns

10/03/17 10.08
ECLOUD-DR20100308_5b_64_qua: Cloud Density (e/m^3) Averaged Over 120 ns

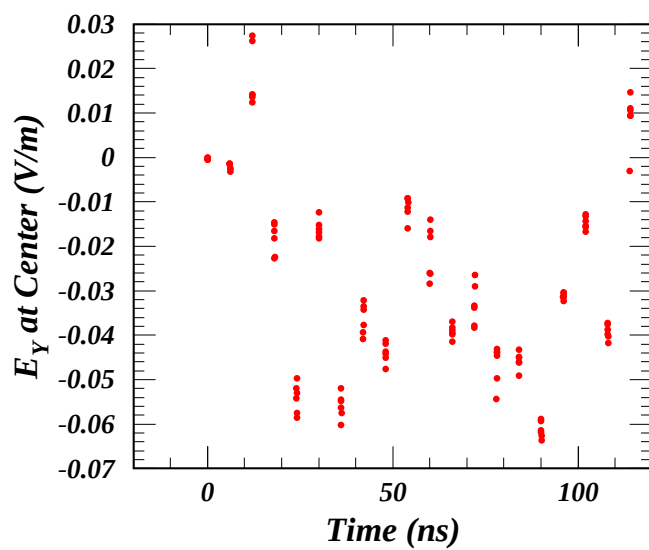
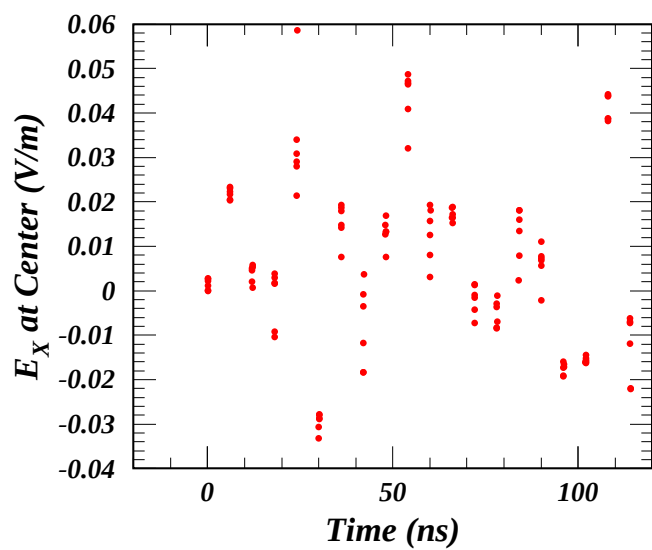




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ECLOUD-DR20100308_5b_64_qua: Electron Energies (eV) Averaged Over 120 ns



ECLOUD-DR20100308_5b_64_qua: Electric Field at Beam



ECLLOUD-DR20100308_5b_64_quaElectric Field Gradients at Beam

