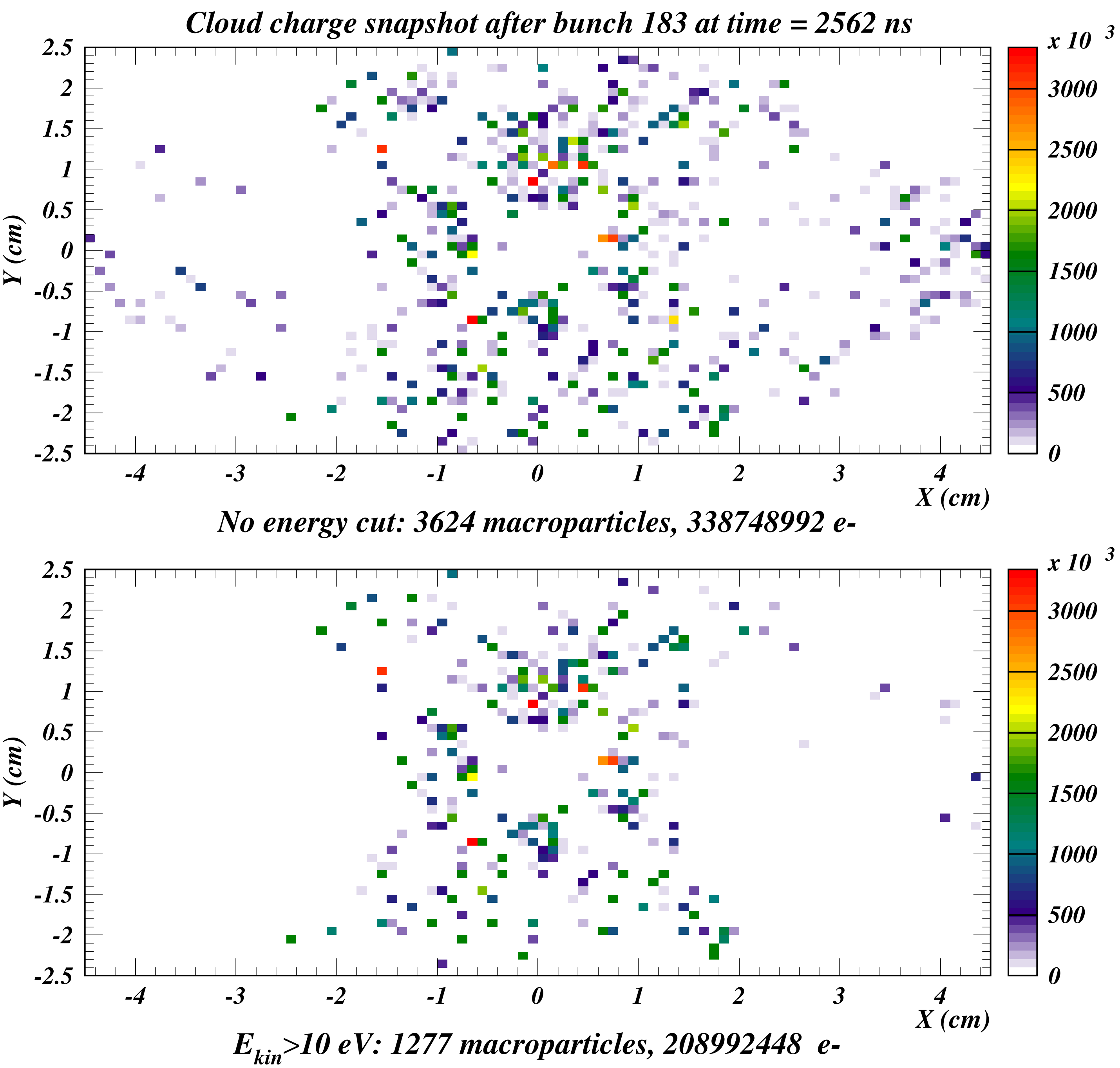
10/03/08 09.35


Cloud charge snapshot after bunch 183 at time = 2562 ns
Y (cm)
X (cm)
x 10 3
No energy cut: 3624 macroparticles, 338748992 e-
Y (cm)
X (cm)
x 10 3
E_kin>10 eV: 1277 macroparticles, 208992448 e-

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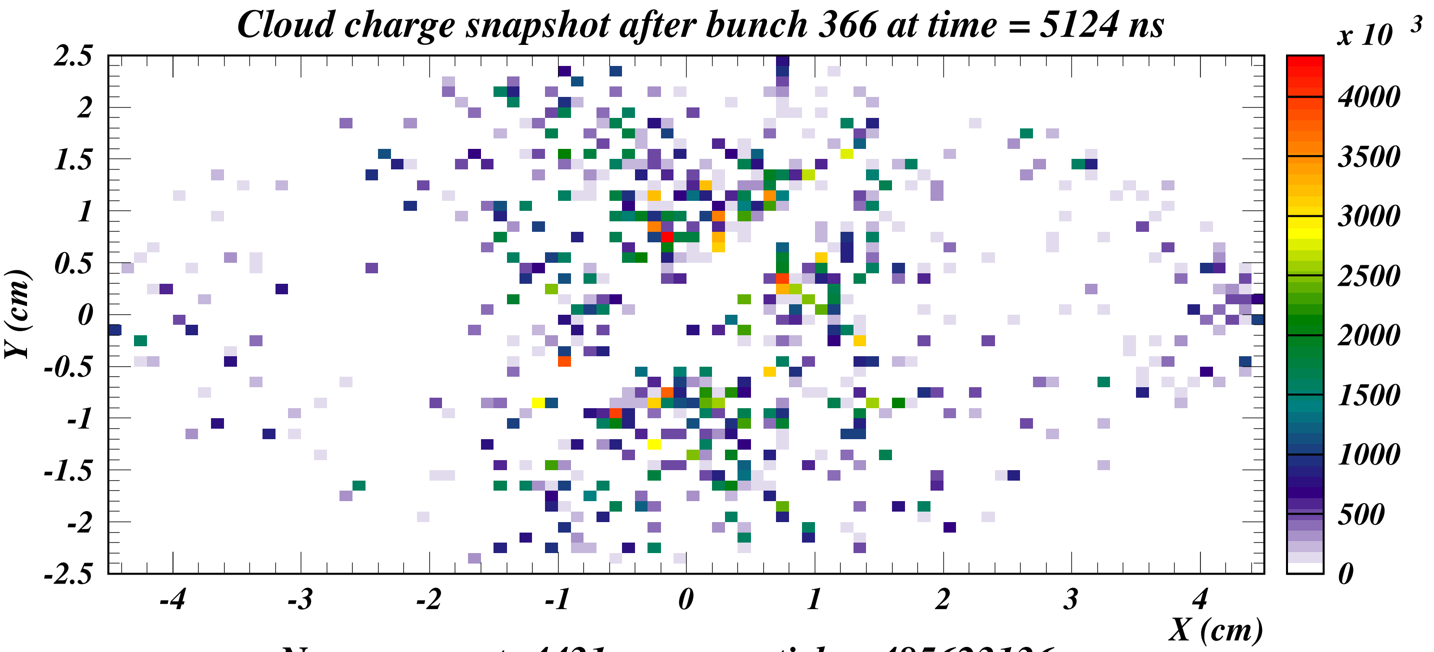
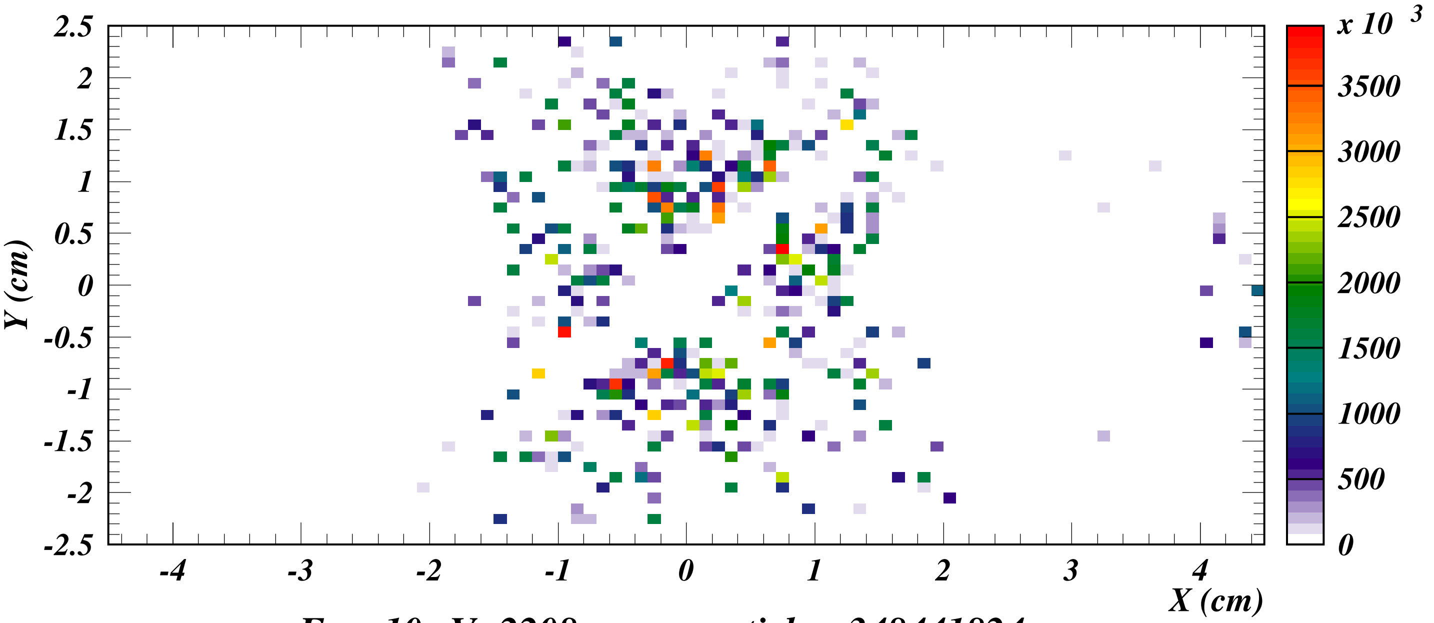
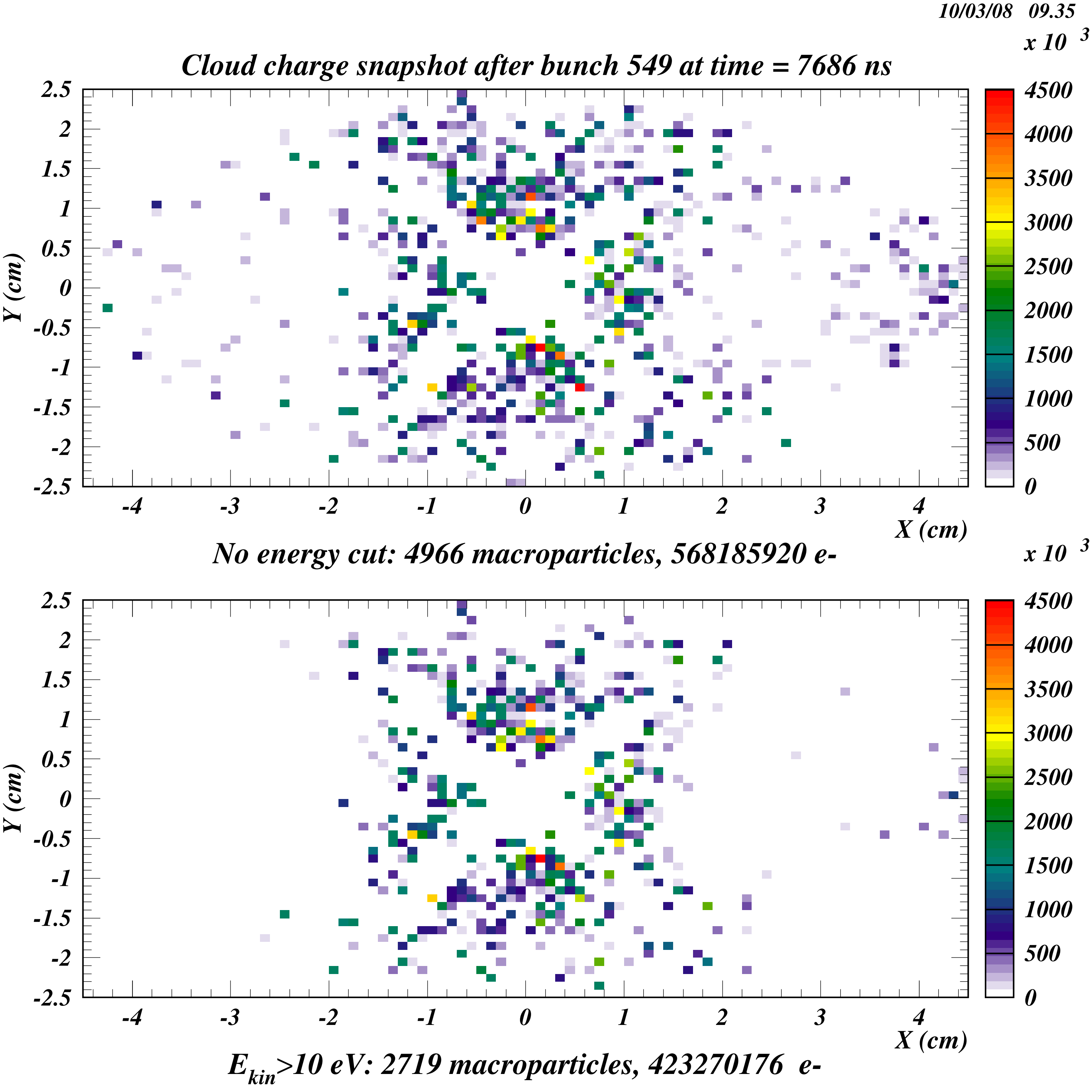


No energy cut: 4431 macroparticles, 485623136 e-



E_{kin}>10 eV: 2208 macroparticles, 348441824 e-



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Cloud charge snapshot after bunch 549 at time = 7686 ns
x 10 3
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Y (cm)
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-4
-3
-2
-1
0
1
2
3
4
X (cm)
No energy cut: 4966 macroparticles, 568185920 e-
E_kin>10 eV: 2719 macroparticles, 423270176 e-

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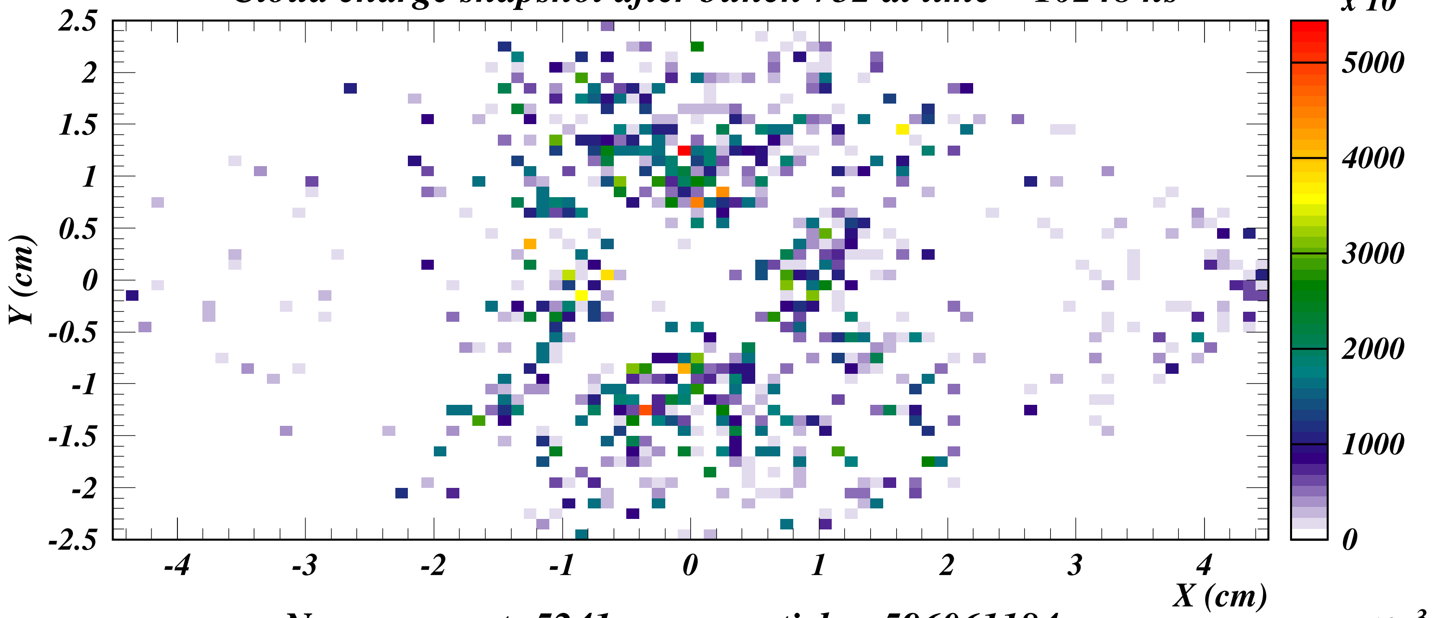
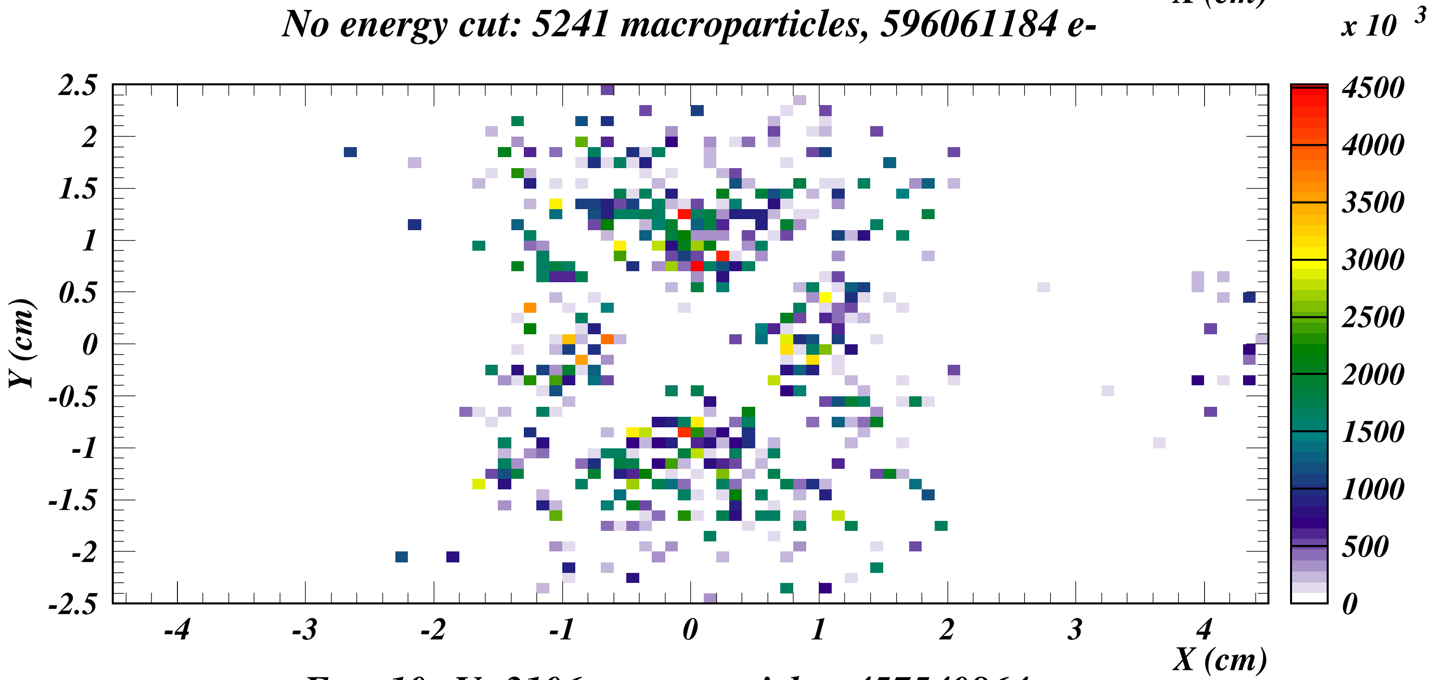
Cloud charge snapshot after bunch 732 at time = 10248 ns



No energy cut: 5241 macroparticles, 596061184 e-



E_{kin}>10 eV: 3106 macroparticles, 457540864 e-

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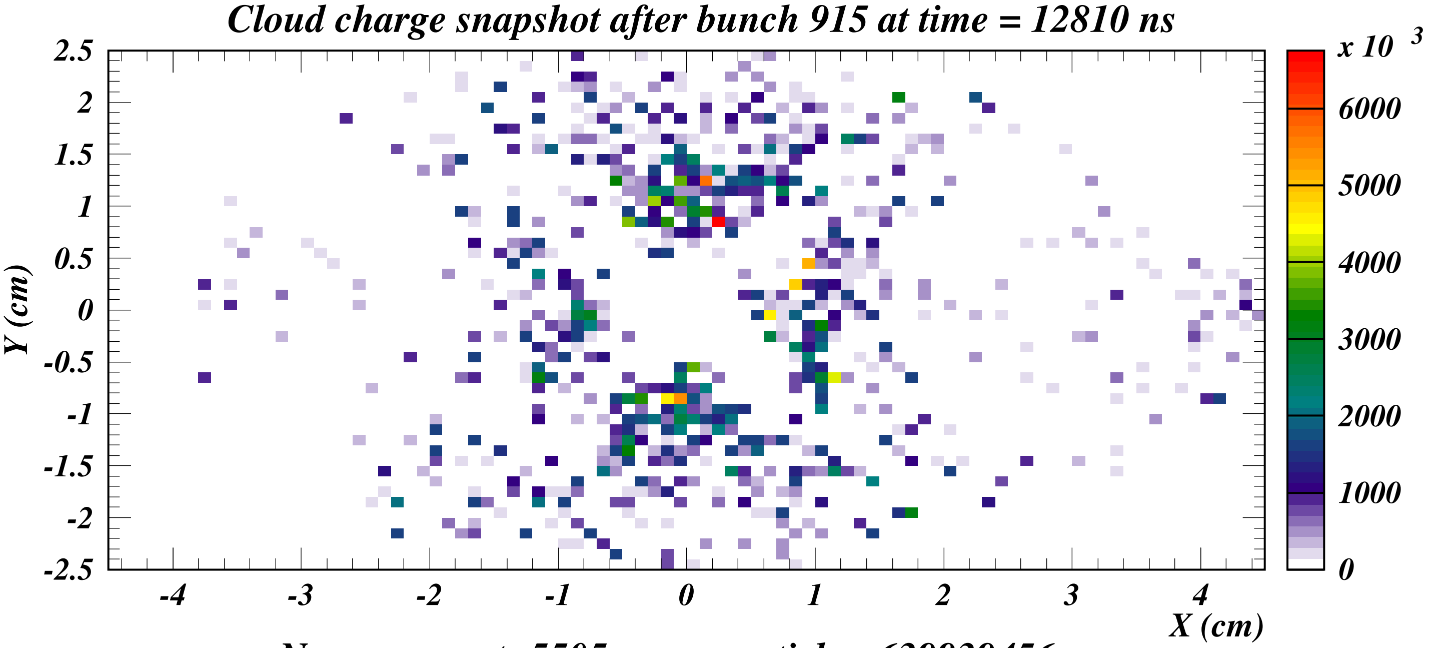
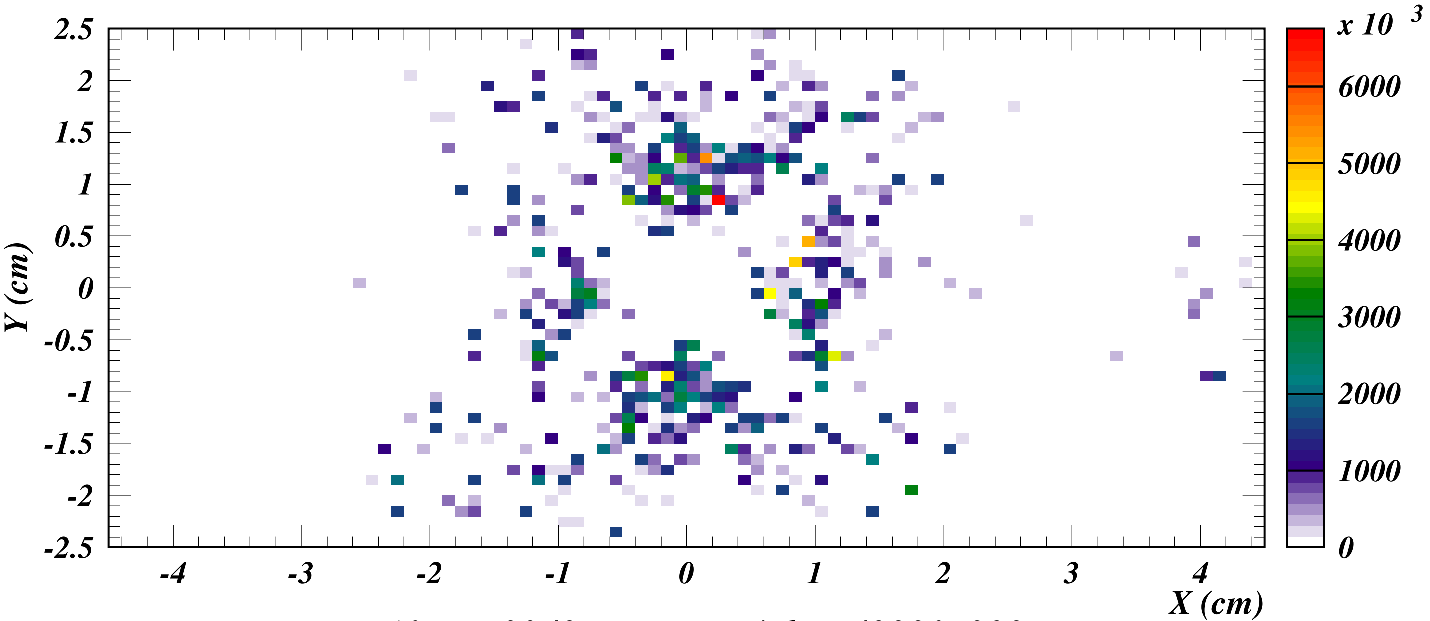
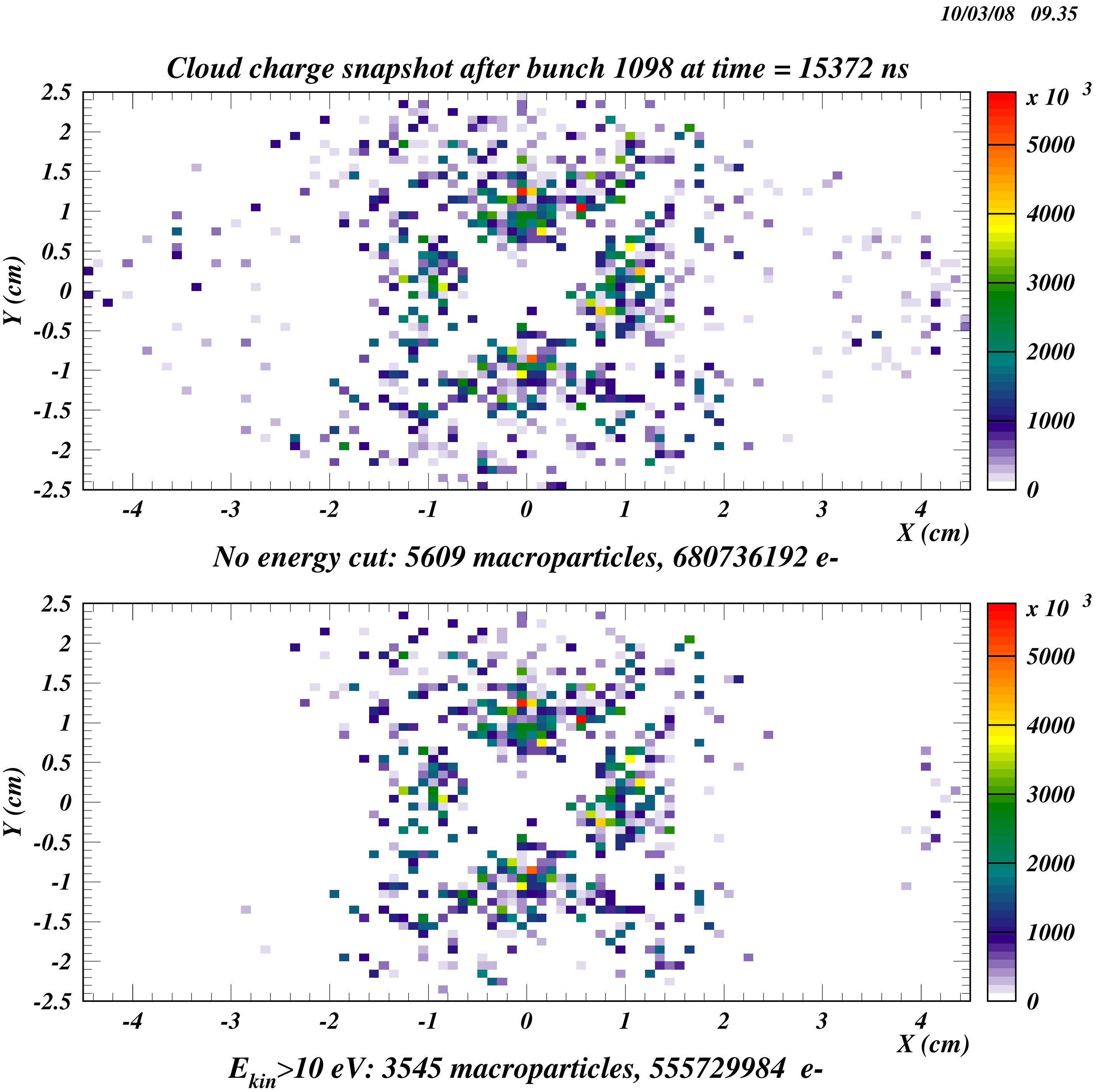
Cloud charge snapshot after bunch 915 at time = 12810 ns



No energy cut: 5505 macroparticles, 639939456 e-

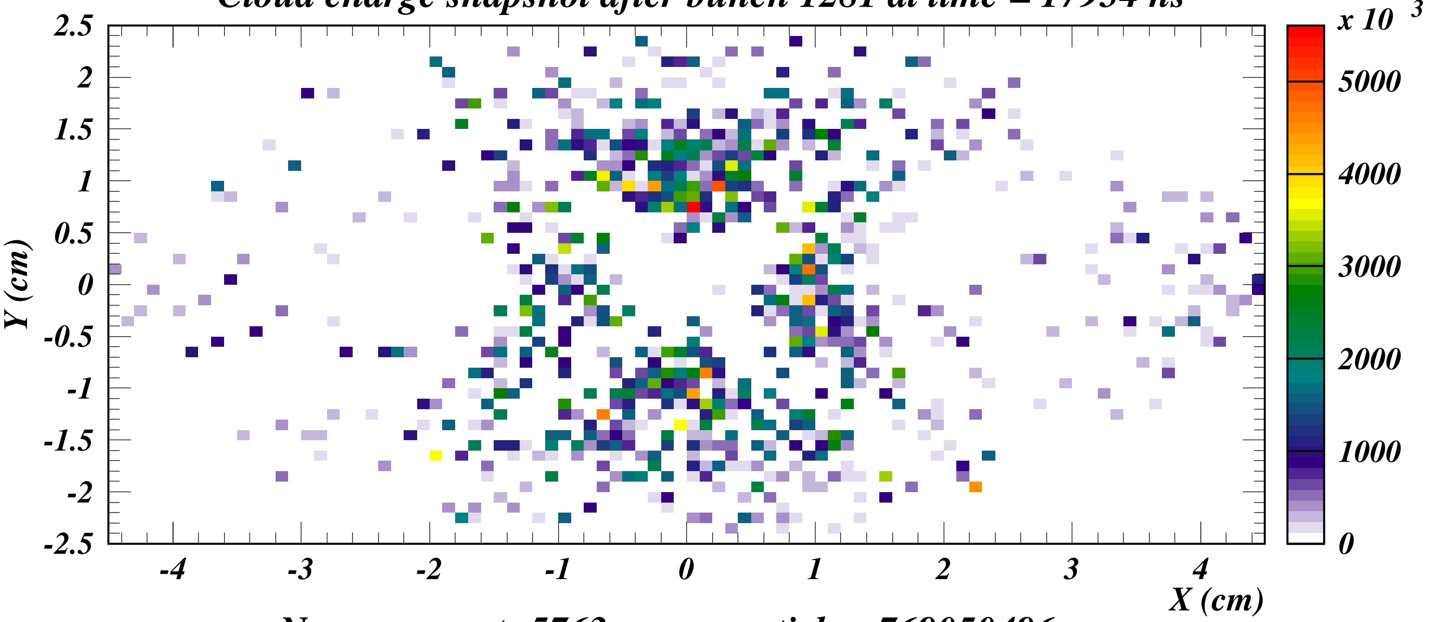


E_{kin}>10 eV: 3348 macroparticles, 498805888 e-

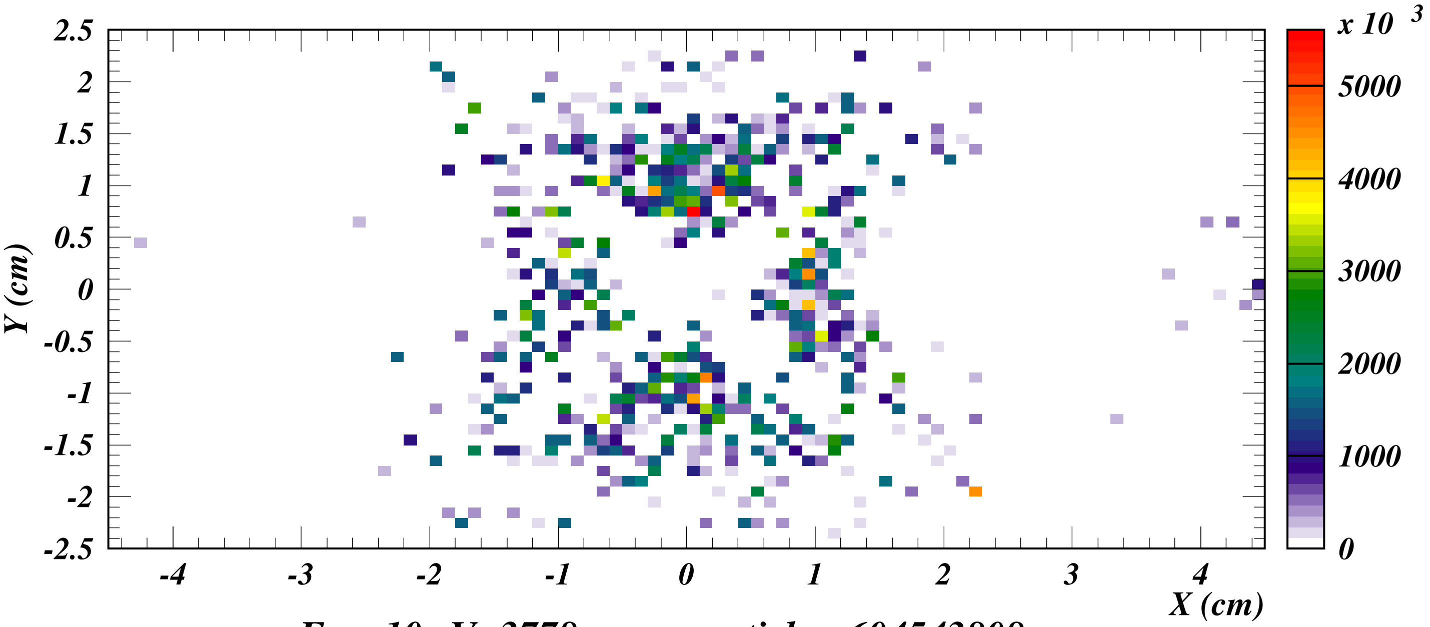

10/03/08 09.35
Cloud charge snapshot after bunch 1098 at time = 15372 ns
Y (cm)
X (cm)
x 10 3
5000
4000
3000
2000
1000
0
No energy cut: 5609 macroparticles, 680736192 e-
E_{kin}>10 eV: 3545 macroparticles, 555729984 e-

10/03/08 09.35

Cloud charge snapshot after bunch 1281 at time = 17934 ns



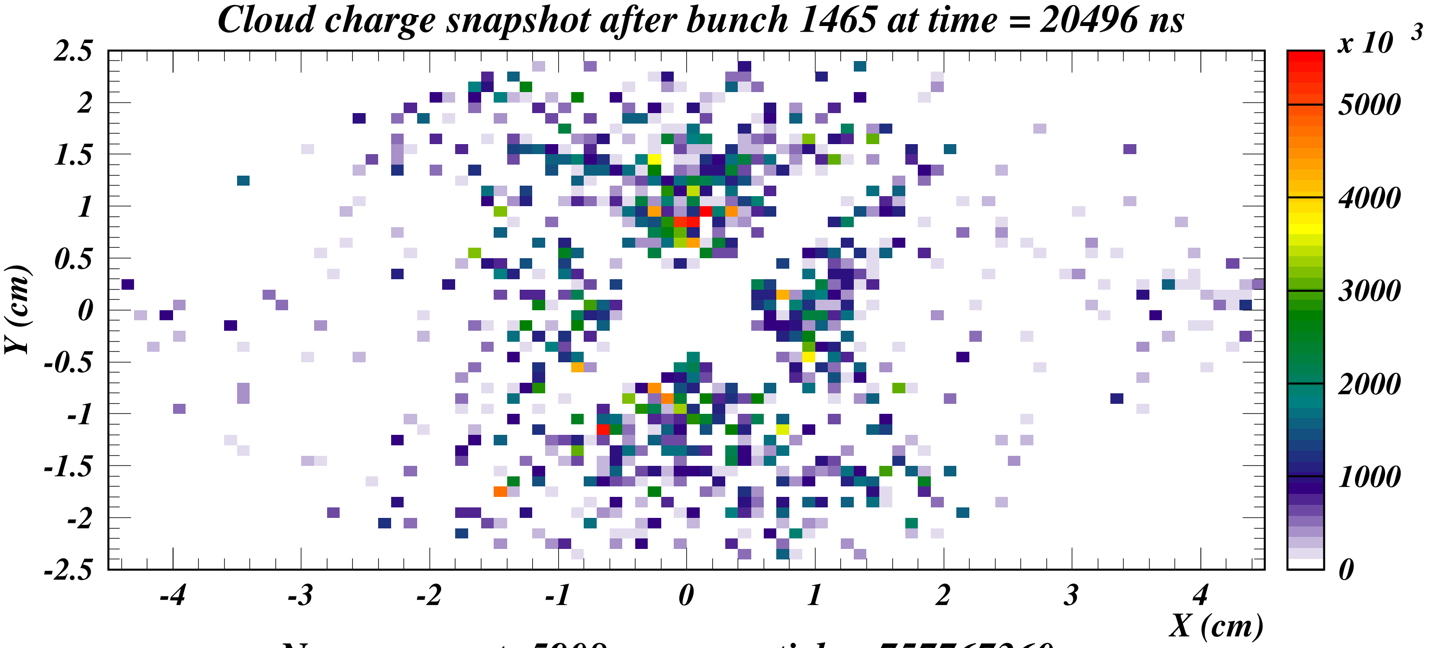
No energy cut: 5763 macroparticles, 769050496 e-



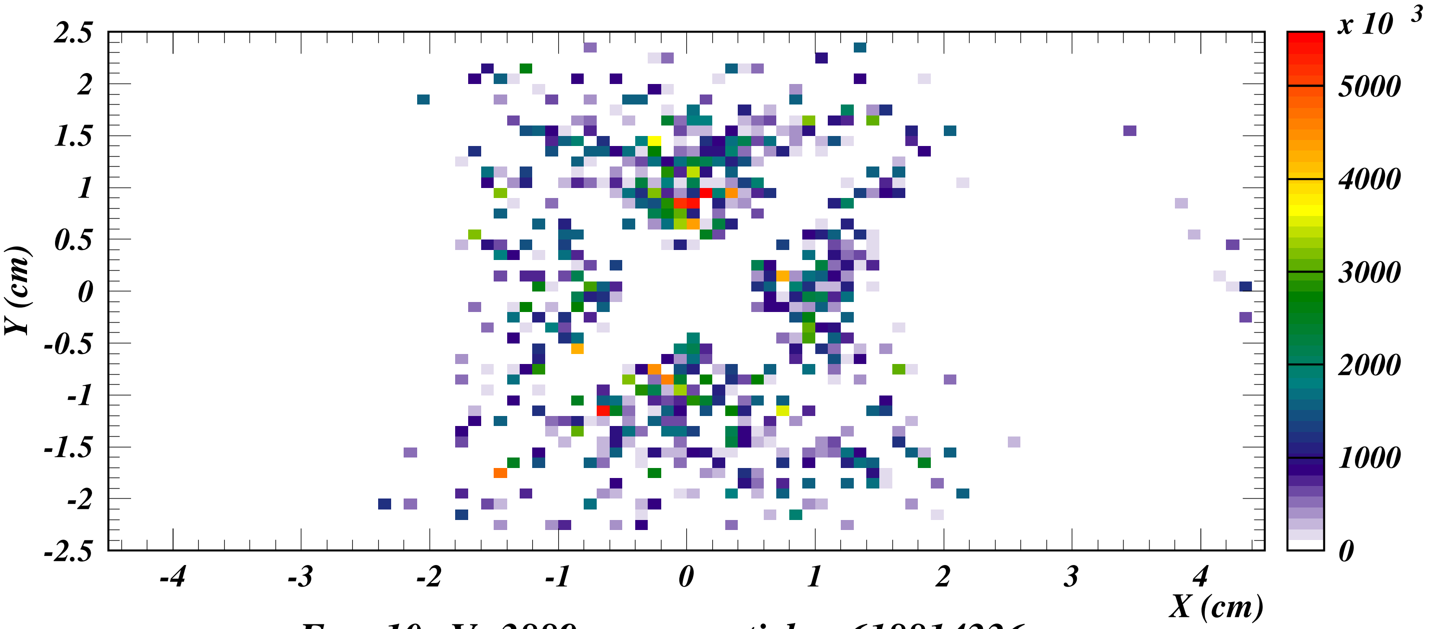
E_{kin}>10 eV: 3778 macroparticles, 604543808 e-

10/03/08 09.35

Cloud charge snapshot after bunch 1465 at time = 20496 ns



No energy cut: 5908 macroparticles, 757767360 e-



E_{kin}>10 eV: 3889 macroparticles, 618814336 e-