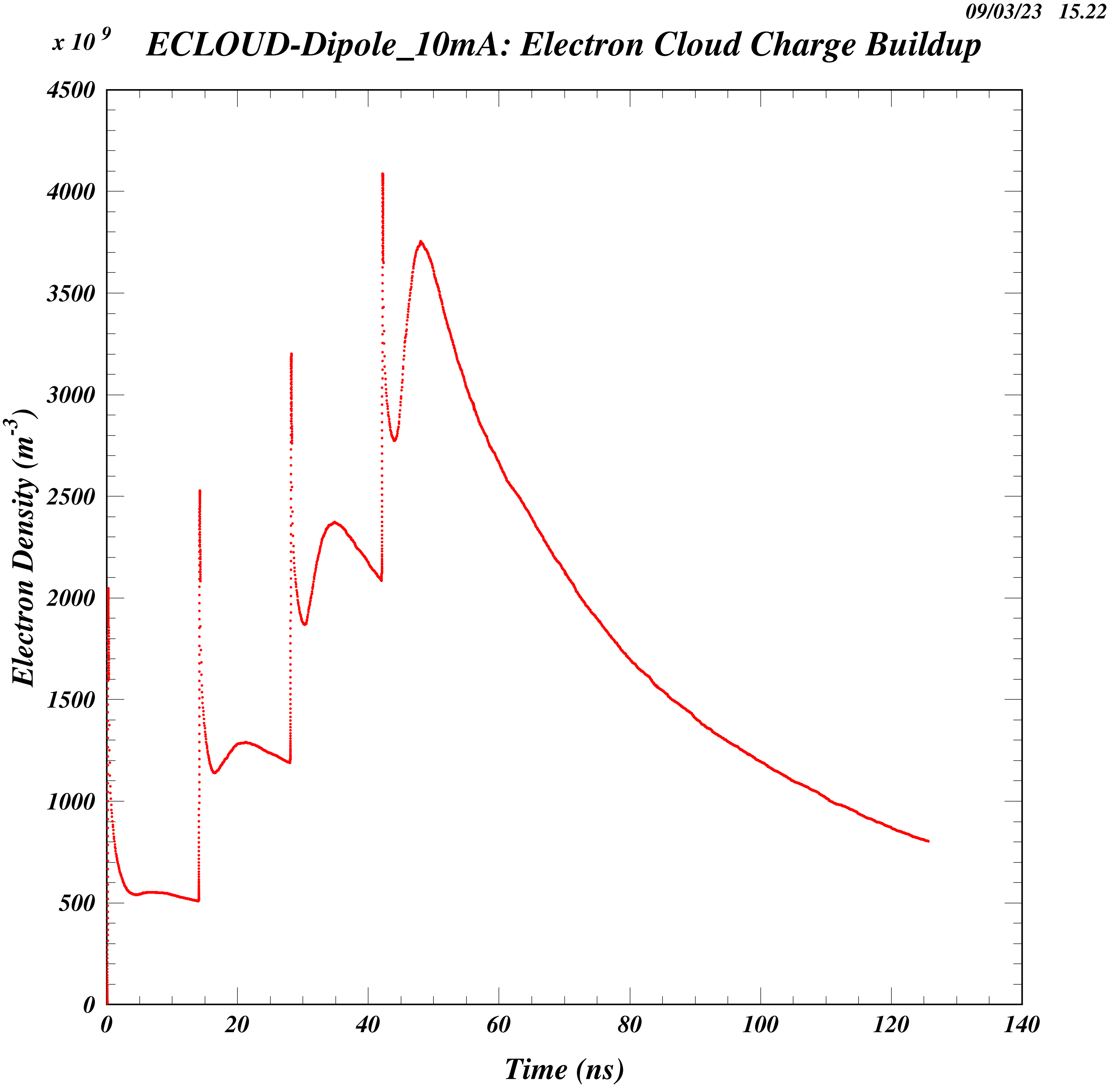
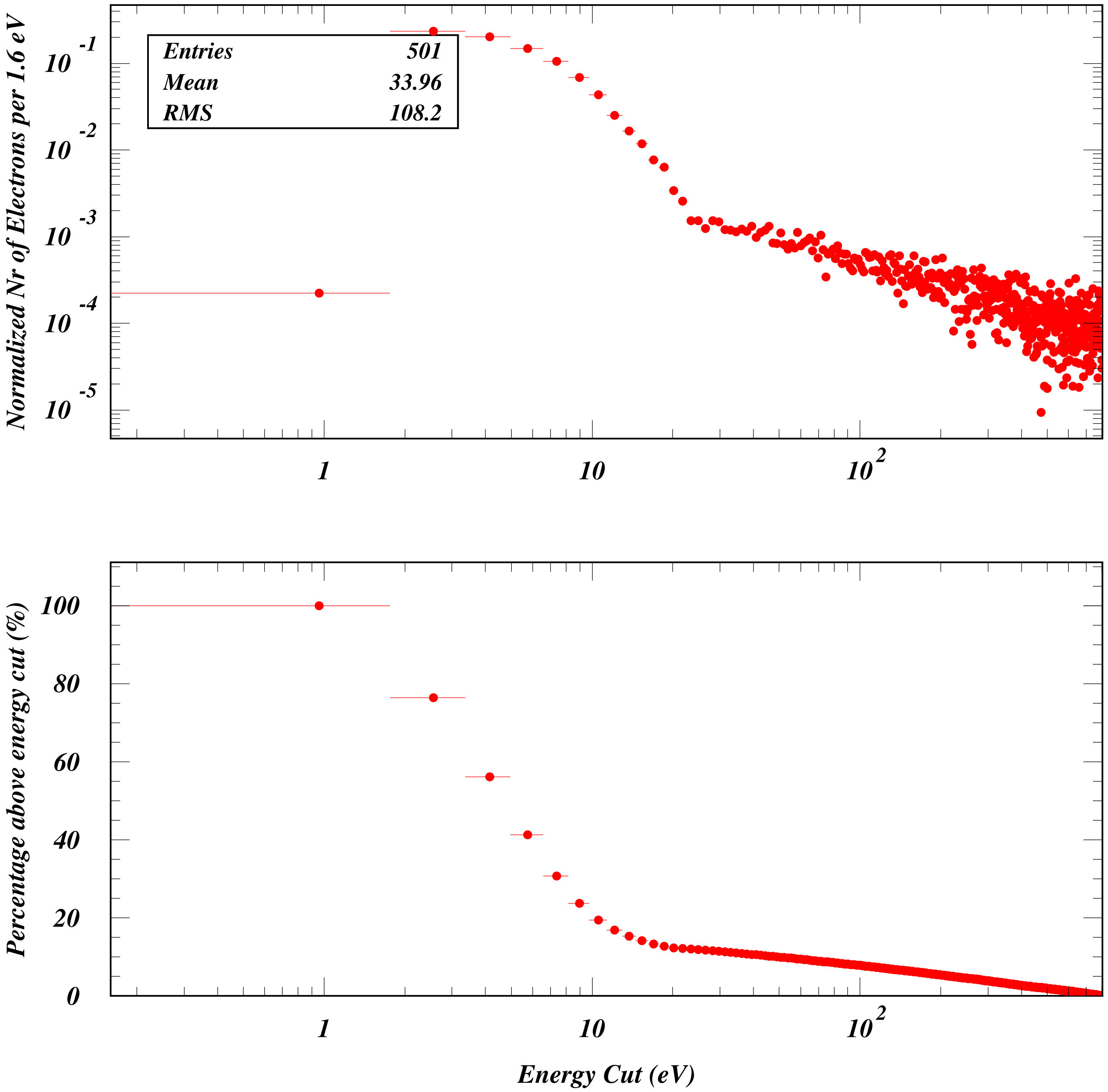

09/03/23 15.22
x 10^9
ECLOUD-Dipole_10mA: Electron Cloud Charge Buildup
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Electron Density (m^-3)
0
20
40
60
80
100
120
140
Time (ns)

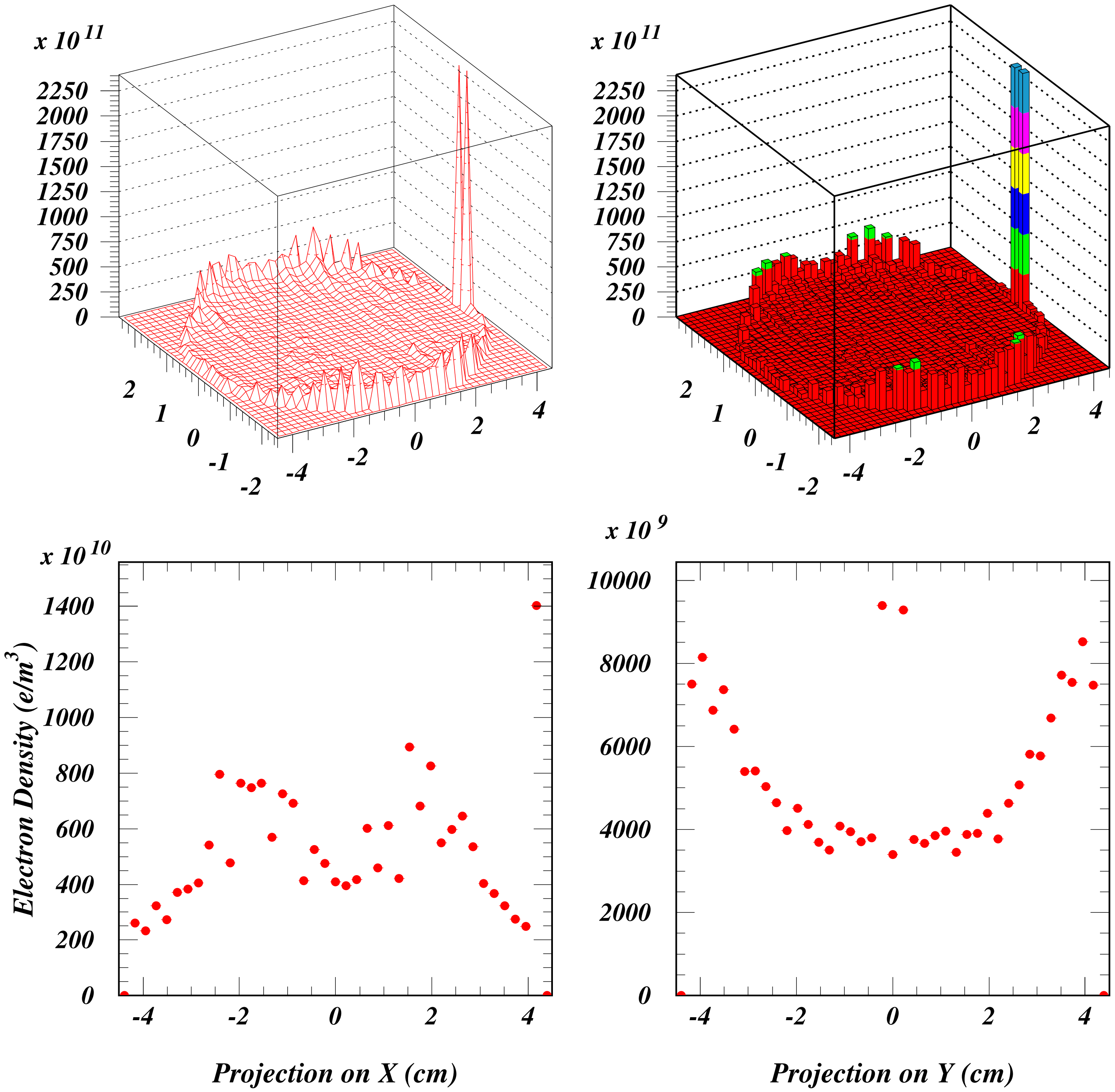
09/03/23 15.22

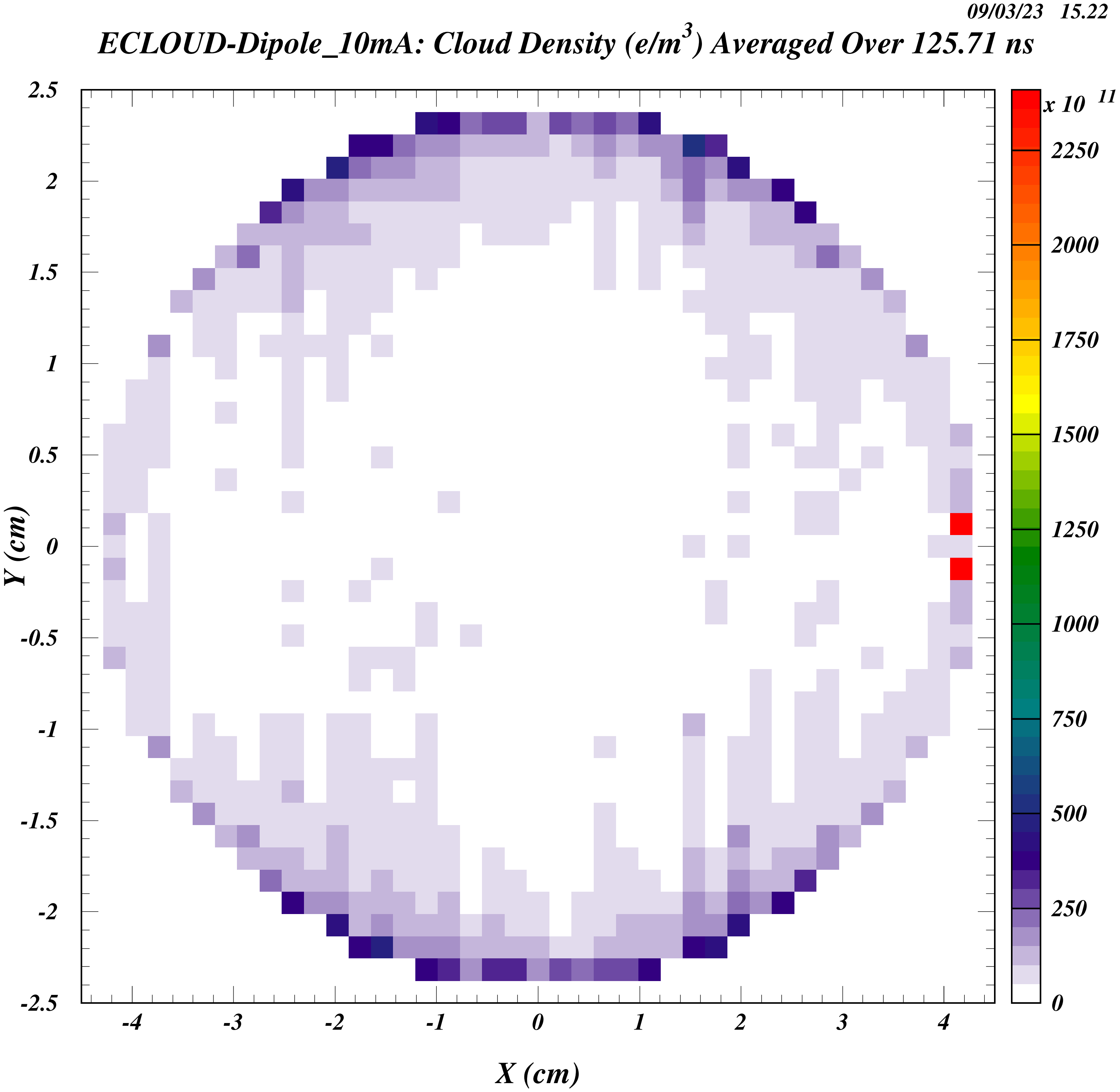
ECLOUD-Dipole_10mA: Time-Integrated Energies of Electrons Hitting Wall



09/03/23   15.22

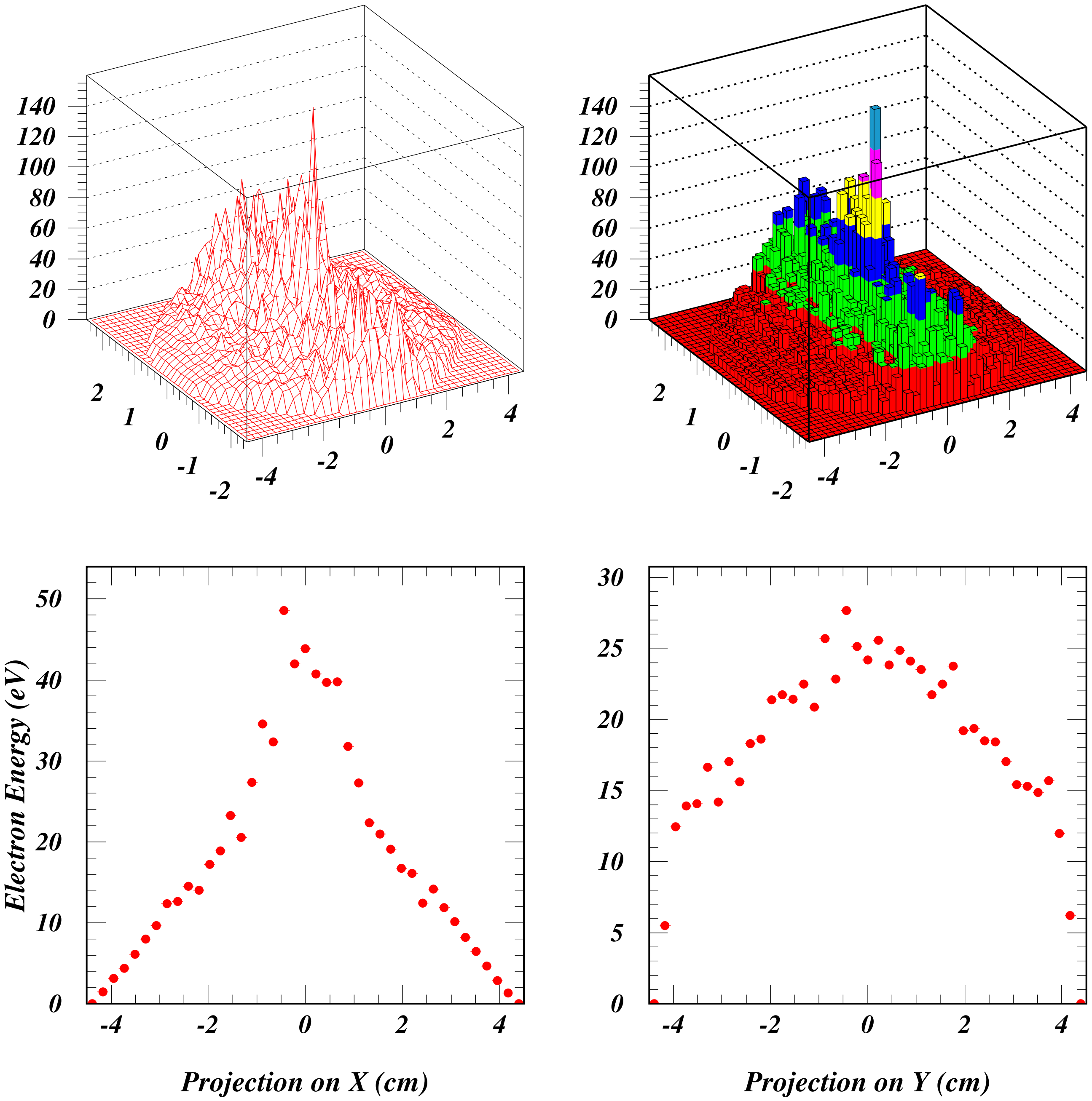
ECLOUD-Dipole_10mA: Cloud Density (e/m^3) Averaged Over 125.71 ns

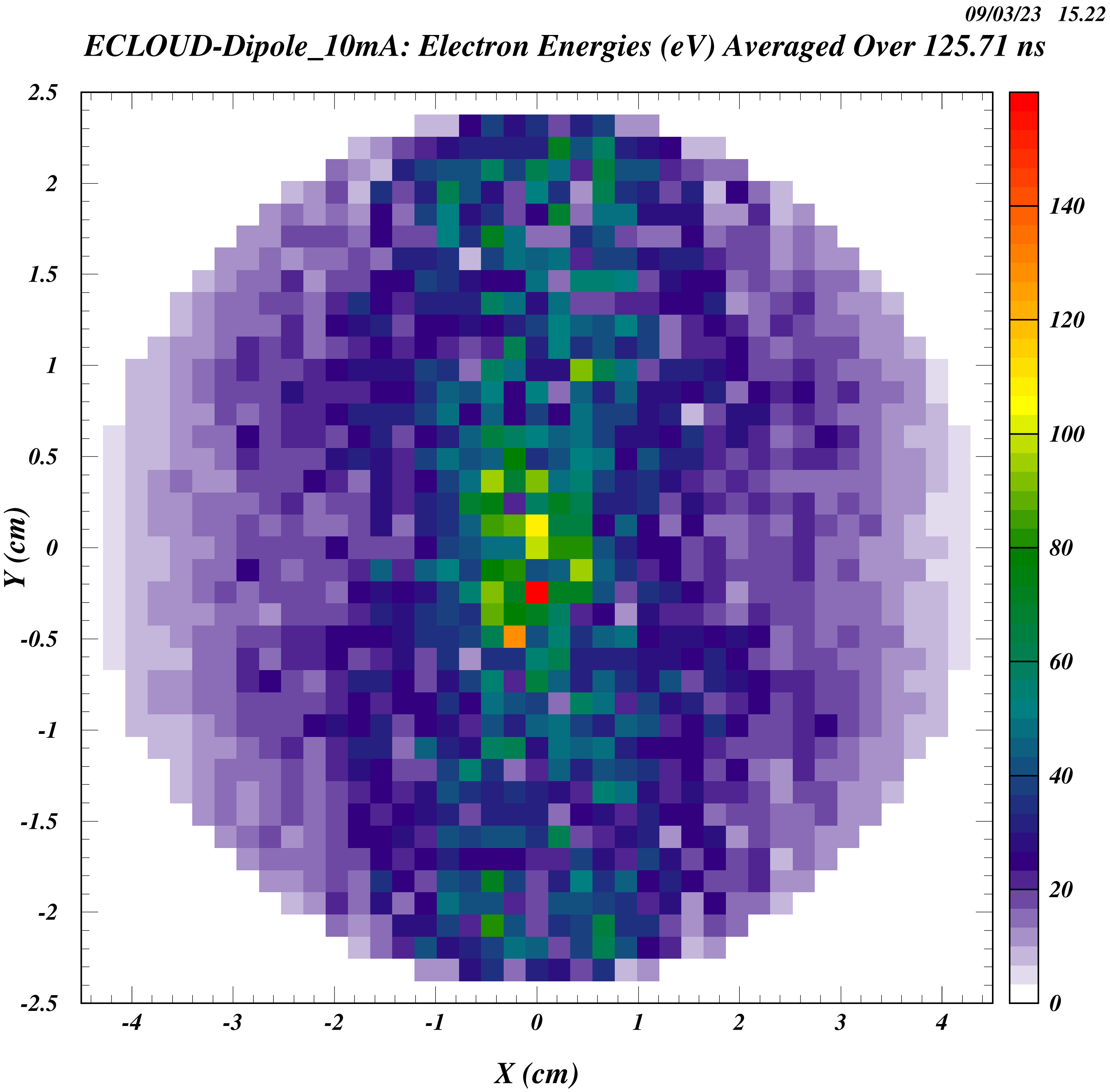



09/03/23 15.22
ECLOUD-Dipole_10mA: Cloud Density (e/m^3) Averaged Over 125.71 ns
Y (cm)
X (cm)
x 10^{11}
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-4
-3
-2
-1
0
1
2
3
4
2250
2000
1750
1500
1250
1000
750
500
250
0

09/03/23 15.22

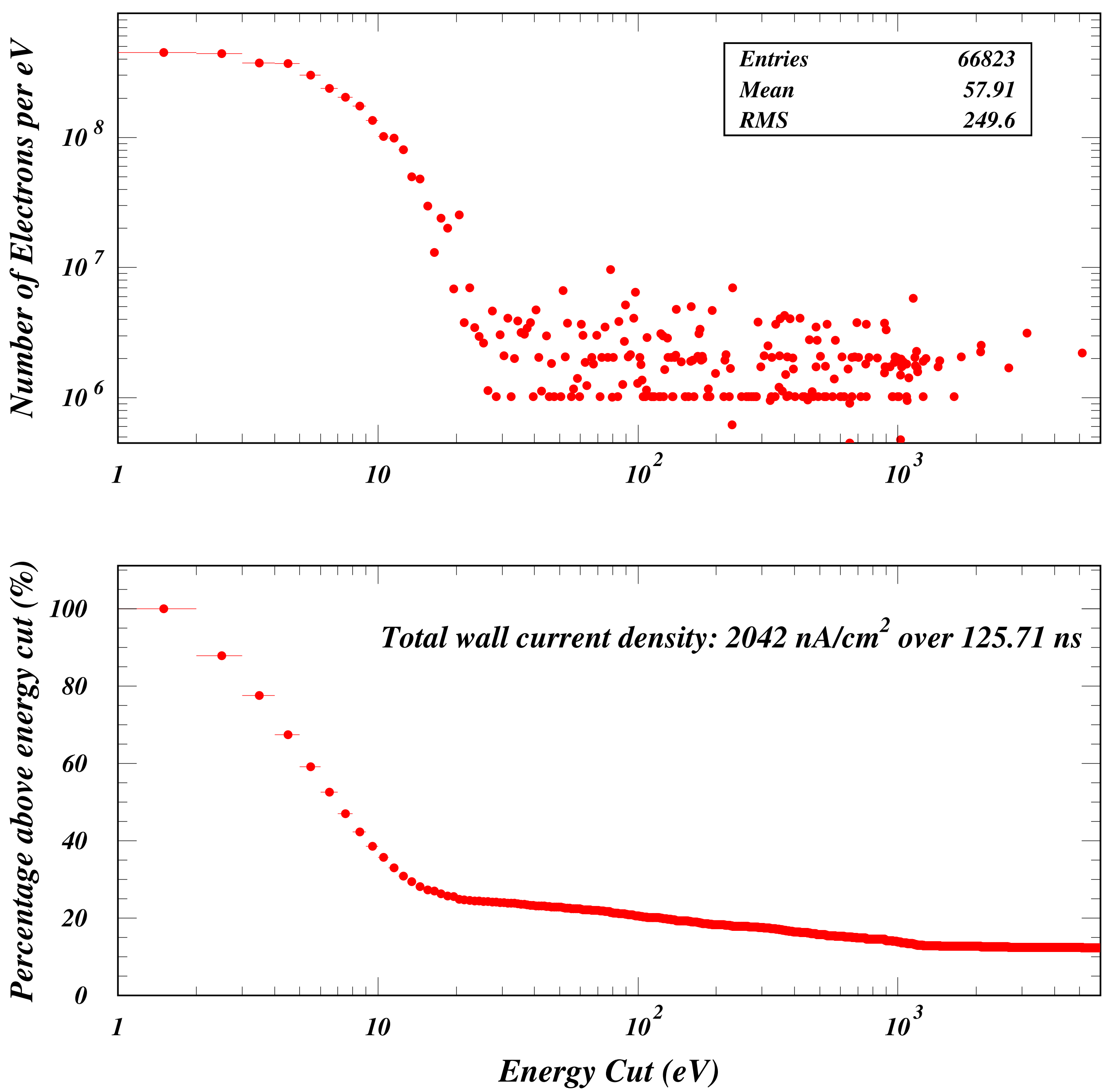
ECLOUD-Dipole_10mA: Electron Energies (eV) Averaged Over 125.71 ns

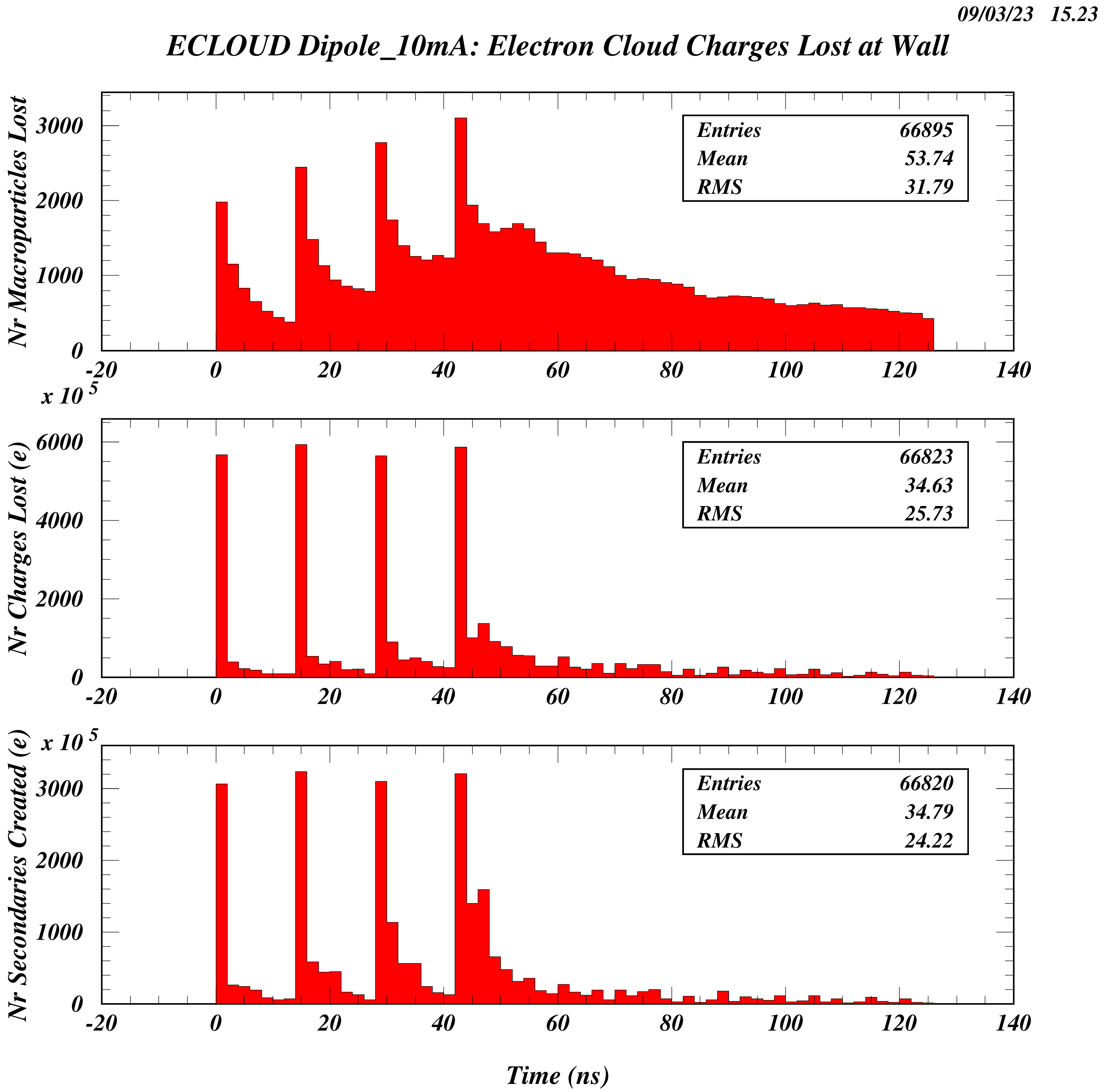



09/03/23 15.22
ECLOUD-Dipole_10mA: Electron Energies (eV) Averaged Over 125.71 ns
Y (cm)
X (cm)
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-4
-3
-2
-1
0
1
2
3
4
140
120
100
80
60
40
20
0

09/03/23 15.23

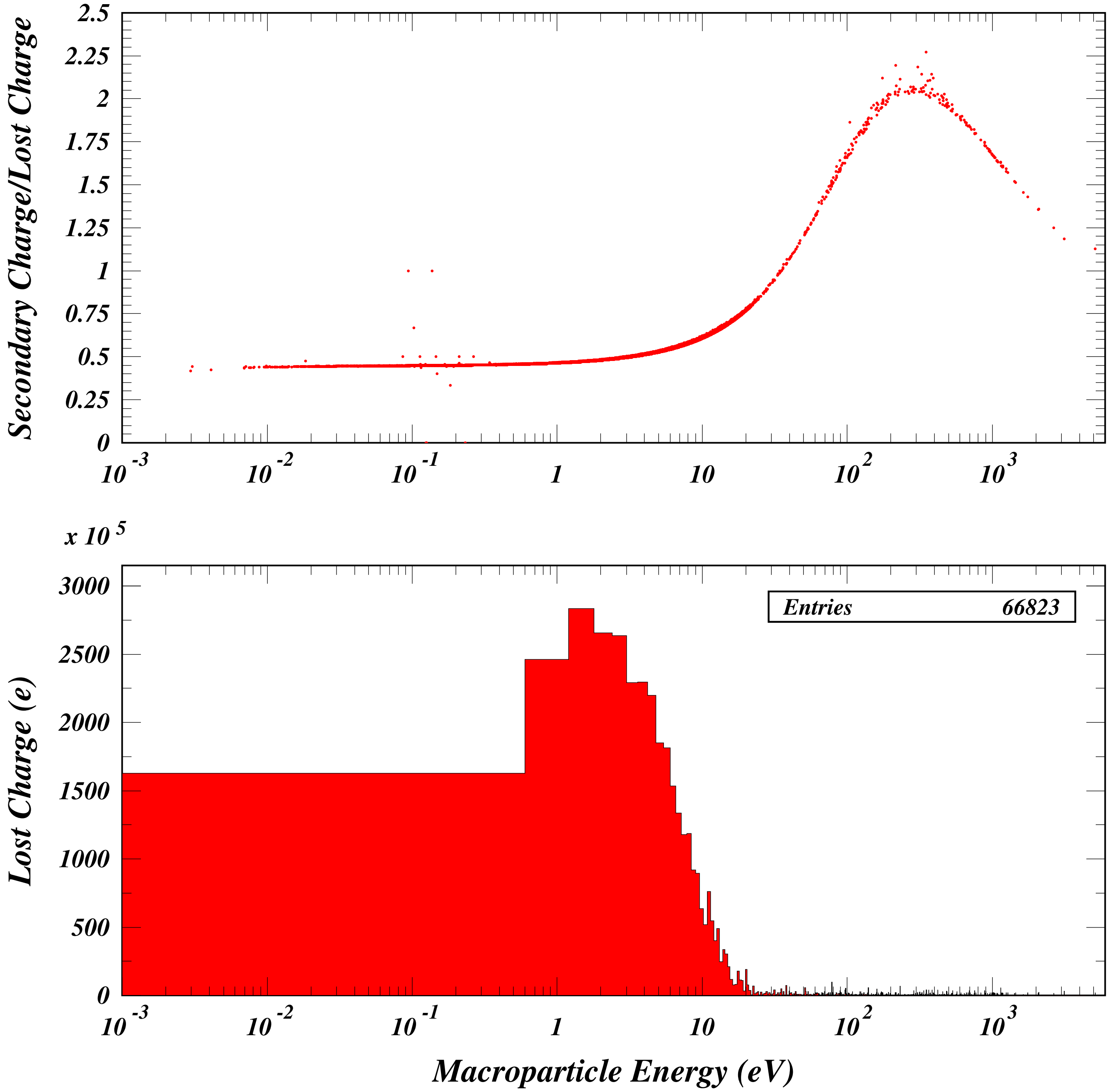
ECLOUD Dipole_10mA: Electron Cloud Charges Lost at Wall

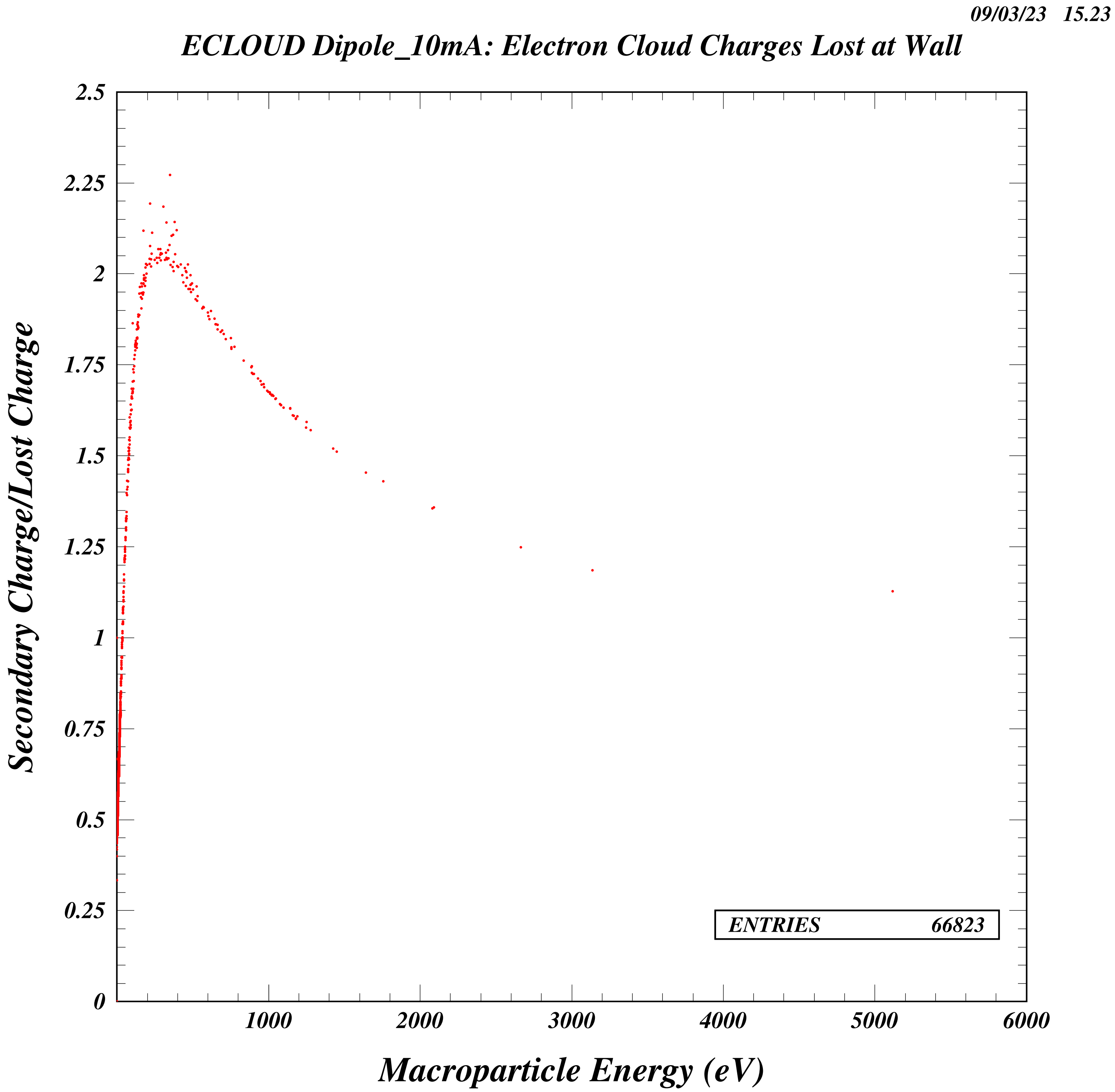



09/03/23 15.23
ECLOUD Dipole_10mA: Electron Cloud Charges Lost at Wall
Nr Macroparticles Lost
Entries 66895
Mean 53.74
RMS 31.79
x 10^5
Nr Charges Lost (e)
Entries 66823
Mean 34.63
RMS 25.73
x 10^5
Nr Secondaries Created (e)
Entries 66820
Mean 34.79
RMS 24.22
Time (ns)

09/03/23 15.23

ECLOUD Dipole_10mA: Electron Cloud Charges Lost at Wall





09/03/23 15.23
ECLOUD Dipole_10mA: Electron Cloud Charges Lost at Wall
Secondary Charge/Lost Charge
Macroparticle Energy (eV)
ENTRIES 66823
0
0.25
0.5
0.75
1
1.25
1.5
1.75
2
2.25
2.5
1000
2000
3000
4000
5000
6000