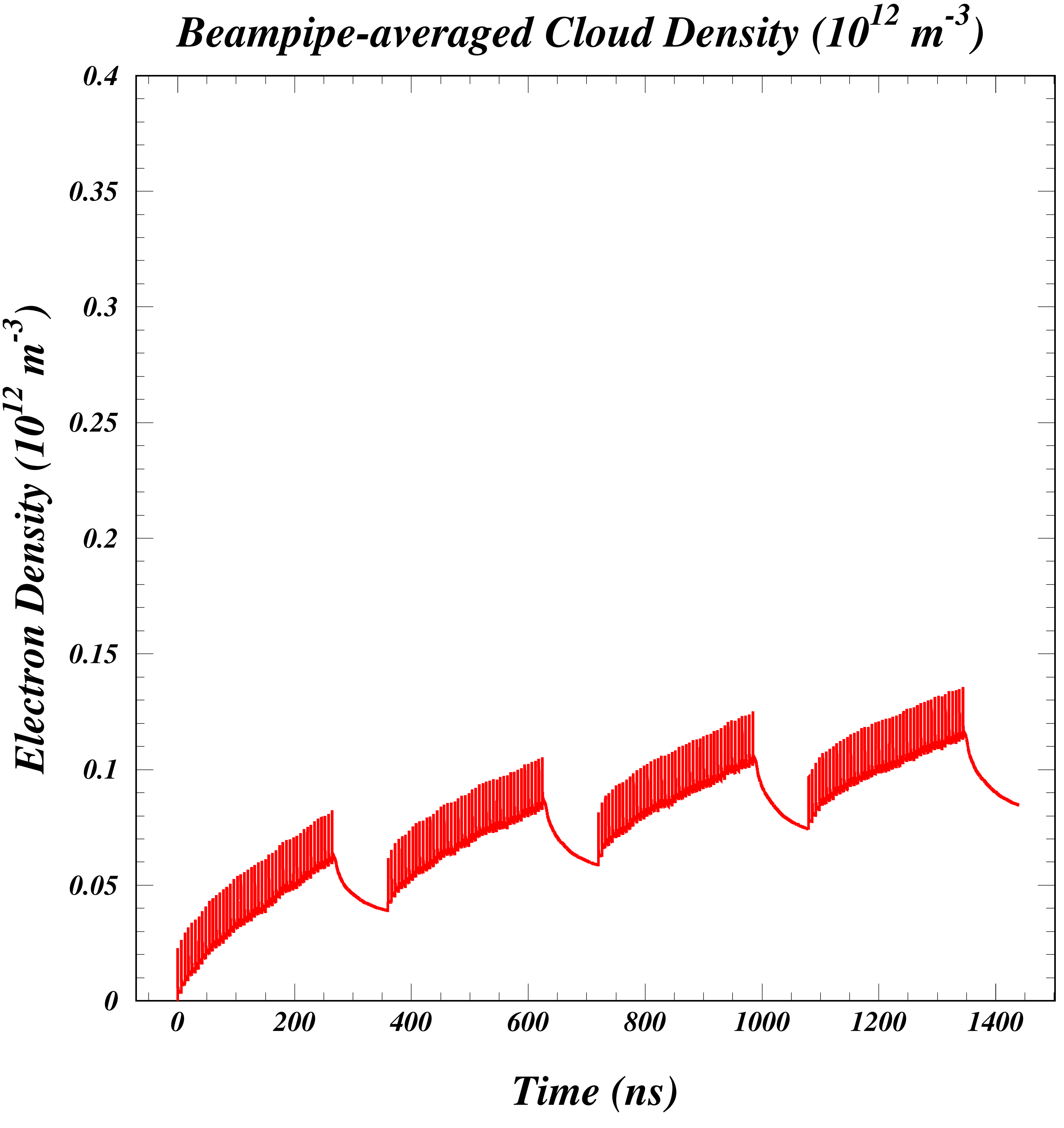
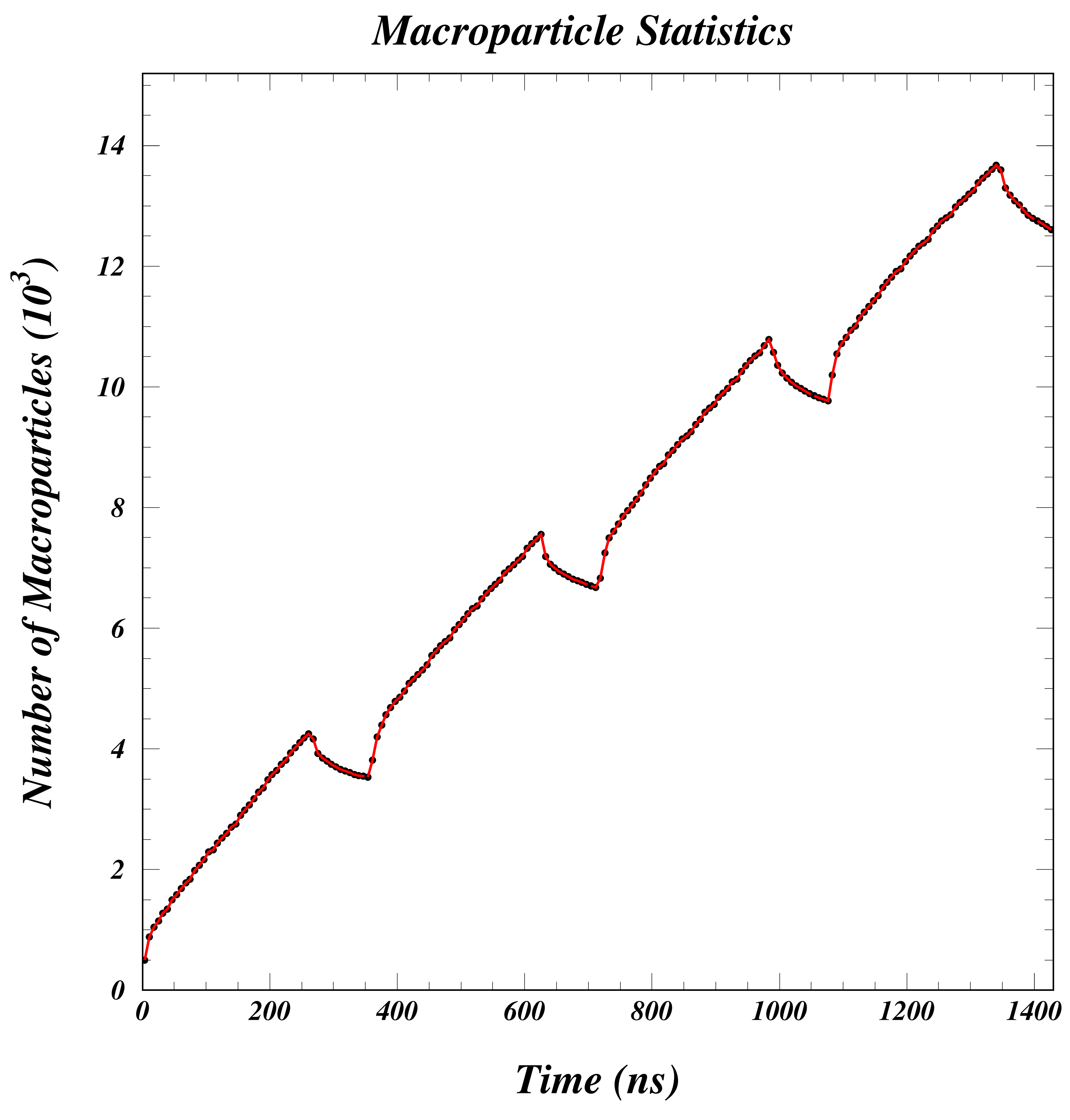
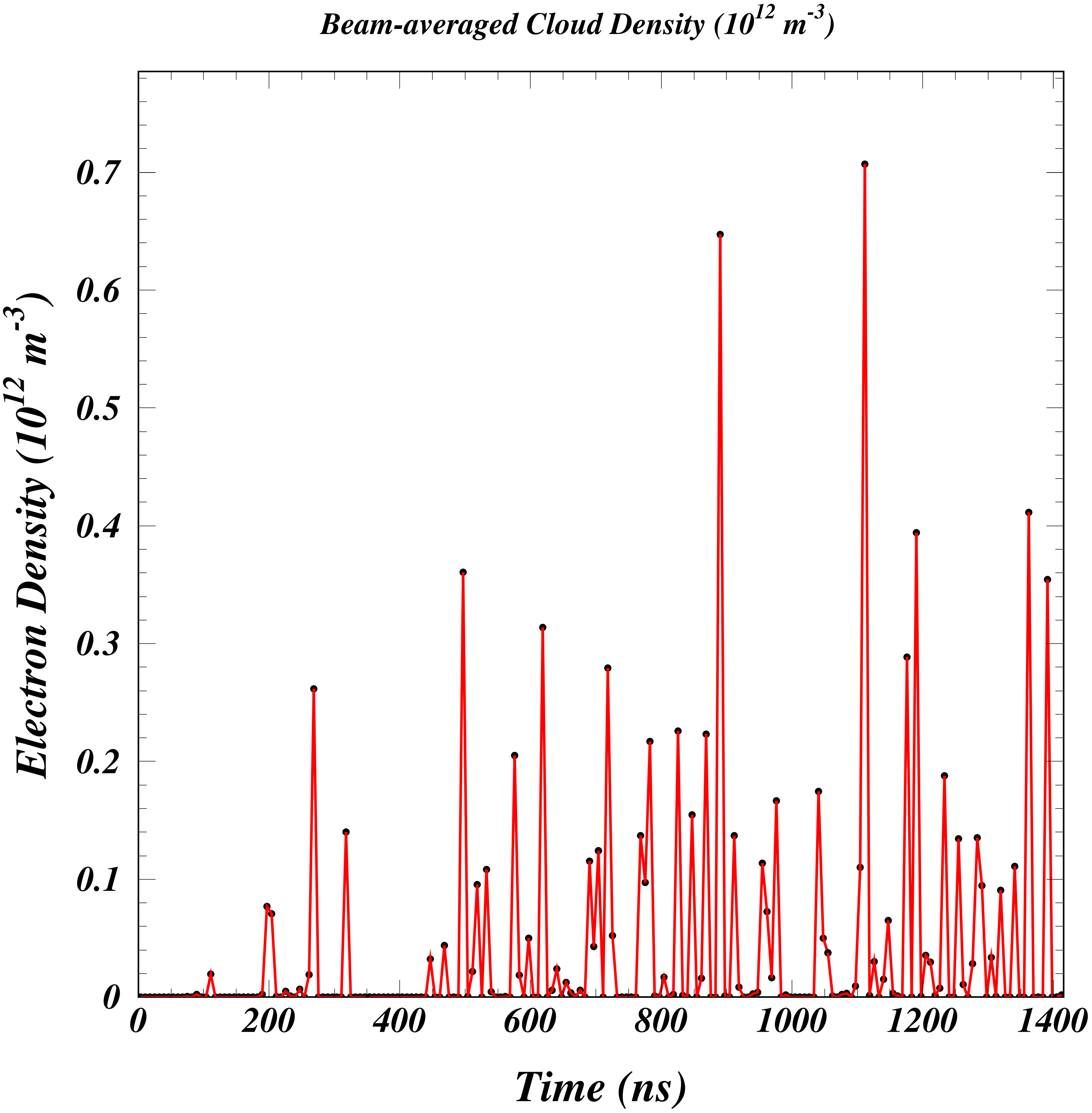


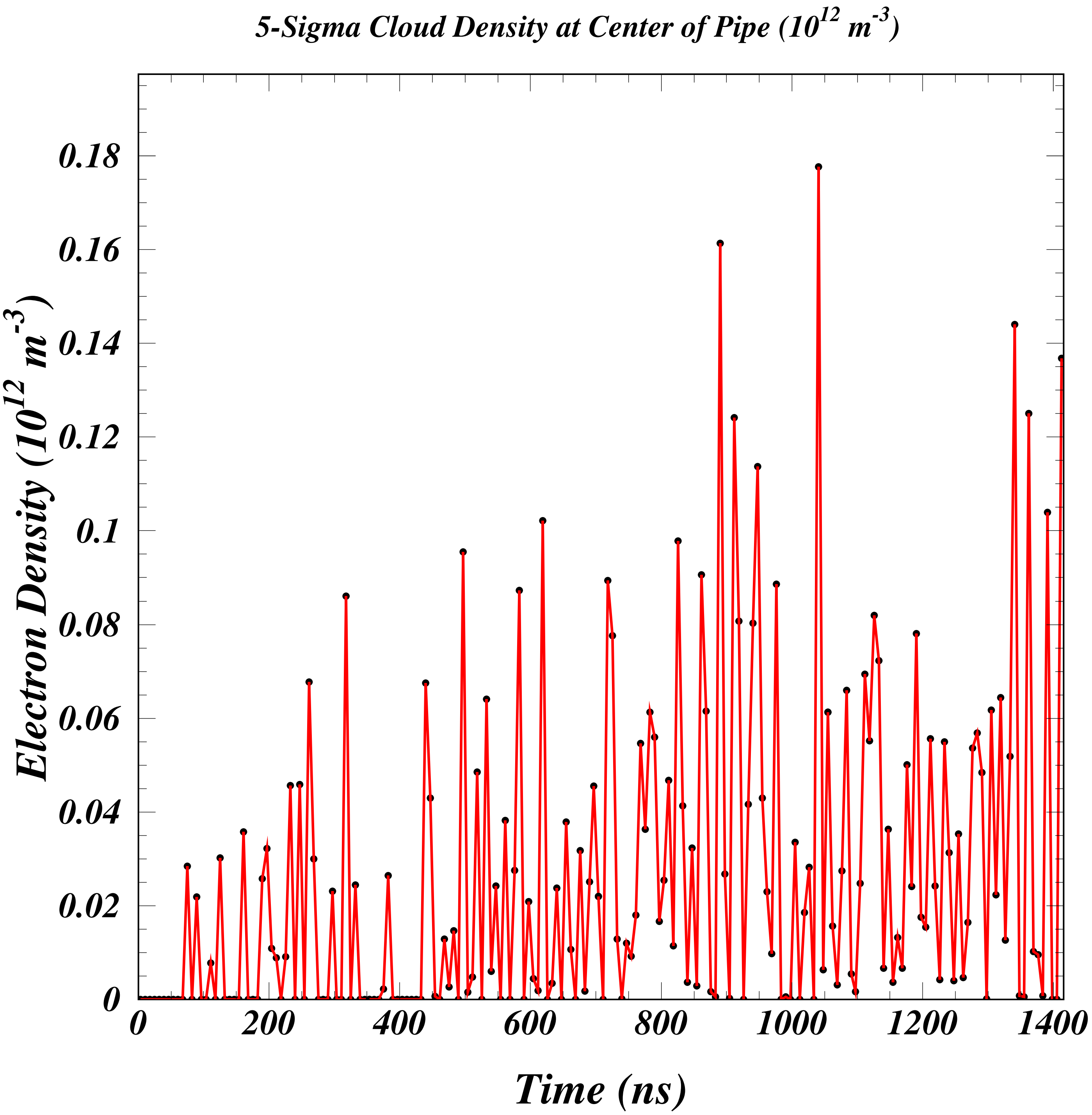
Beampipe-averaged Cloud Density (10^{12} m^{-3})
Electron Density (10^{12} m^{-3})
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
200
400
600
800
1000
1200
1400
Time (ns)



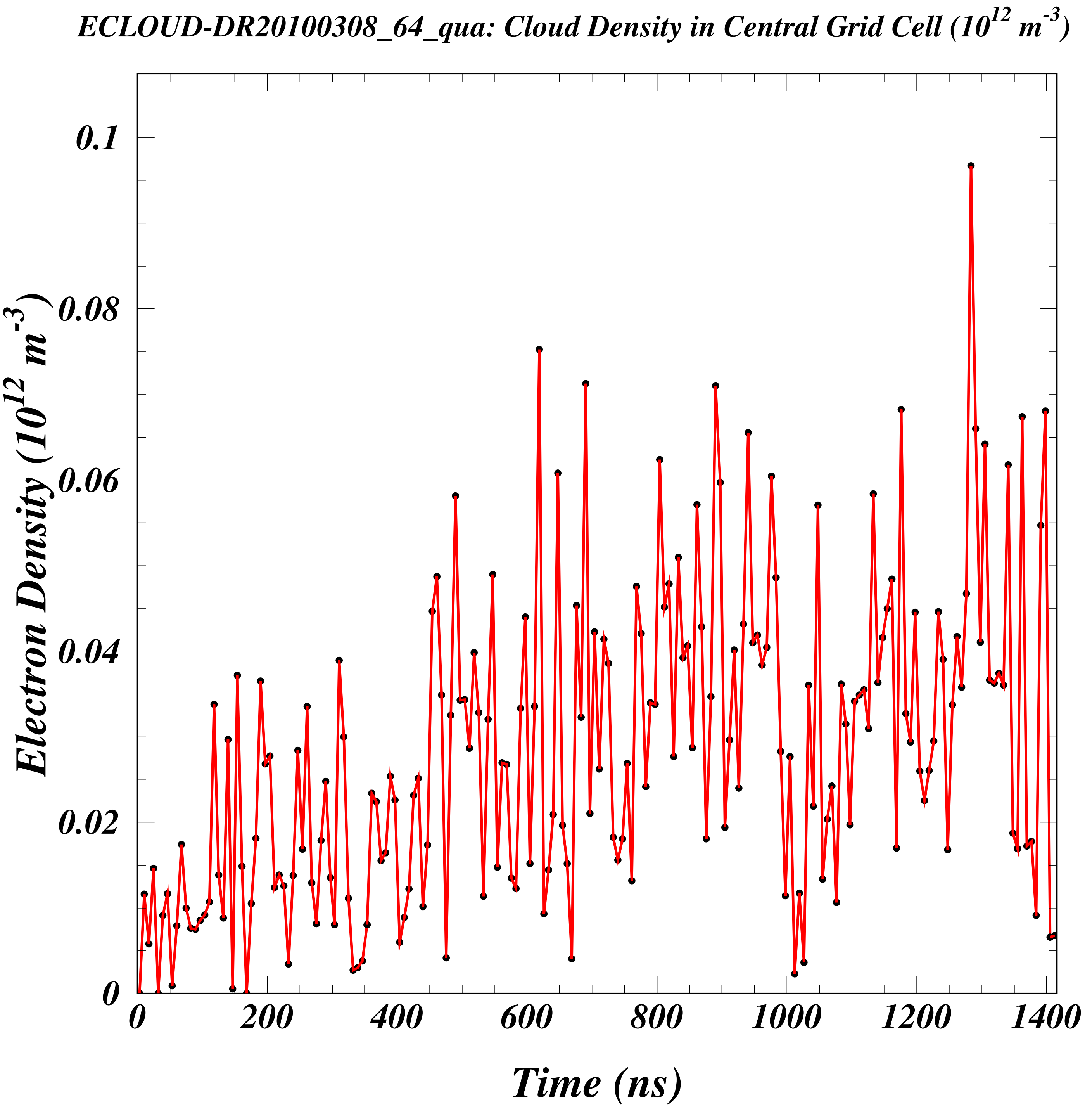
Macroparticle Statistics
Number of Macroparticles (10^3)
0
2
4
6
8
10
12
14
0
200
400
600
800
1000
1200
1400
Time (ns)



Beam-averaged Cloud Density (10^{12} m^{-3})
Electron Density (10^{12} m^{-3})
Time (ns)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0
200
400
600
800
1000
1200
1400



5-Sigma Cloud Density at Center of Pipe (10^{12} m^{-3})
Electron Density (10^{12} m^{-3})
Time (ns)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
200
400
600
800
1000
1200
1400


ECLOUD-DR20100308_64_qua: Cloud Density in Central Grid Cell (10^{12} m^{-3})
Electron Density (10^{12} m^{-3})
0.1
0.08
0.06
0.04
0.02
0
0
200
400
600
800
1000
1200
1400
Time (ns)