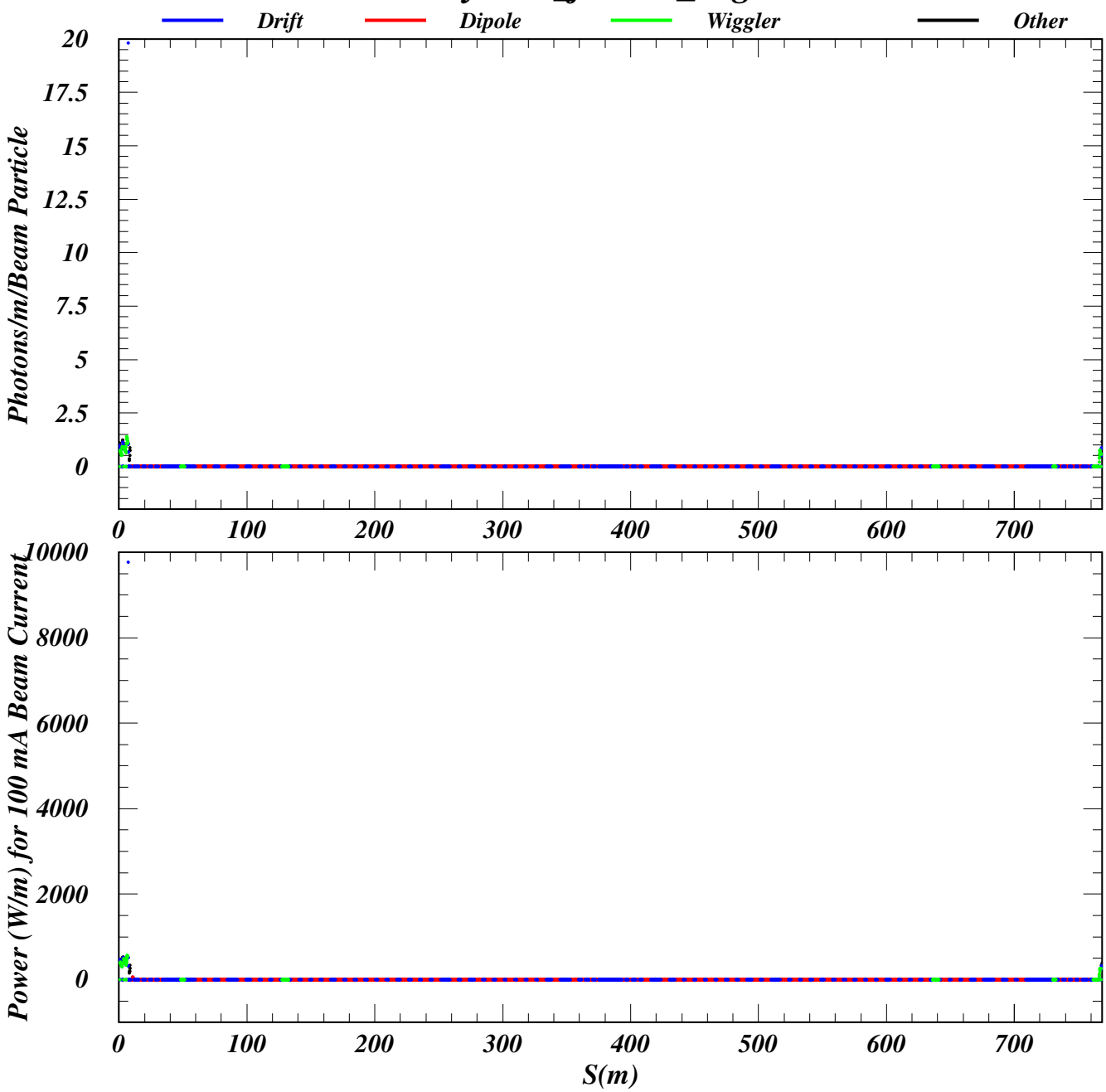
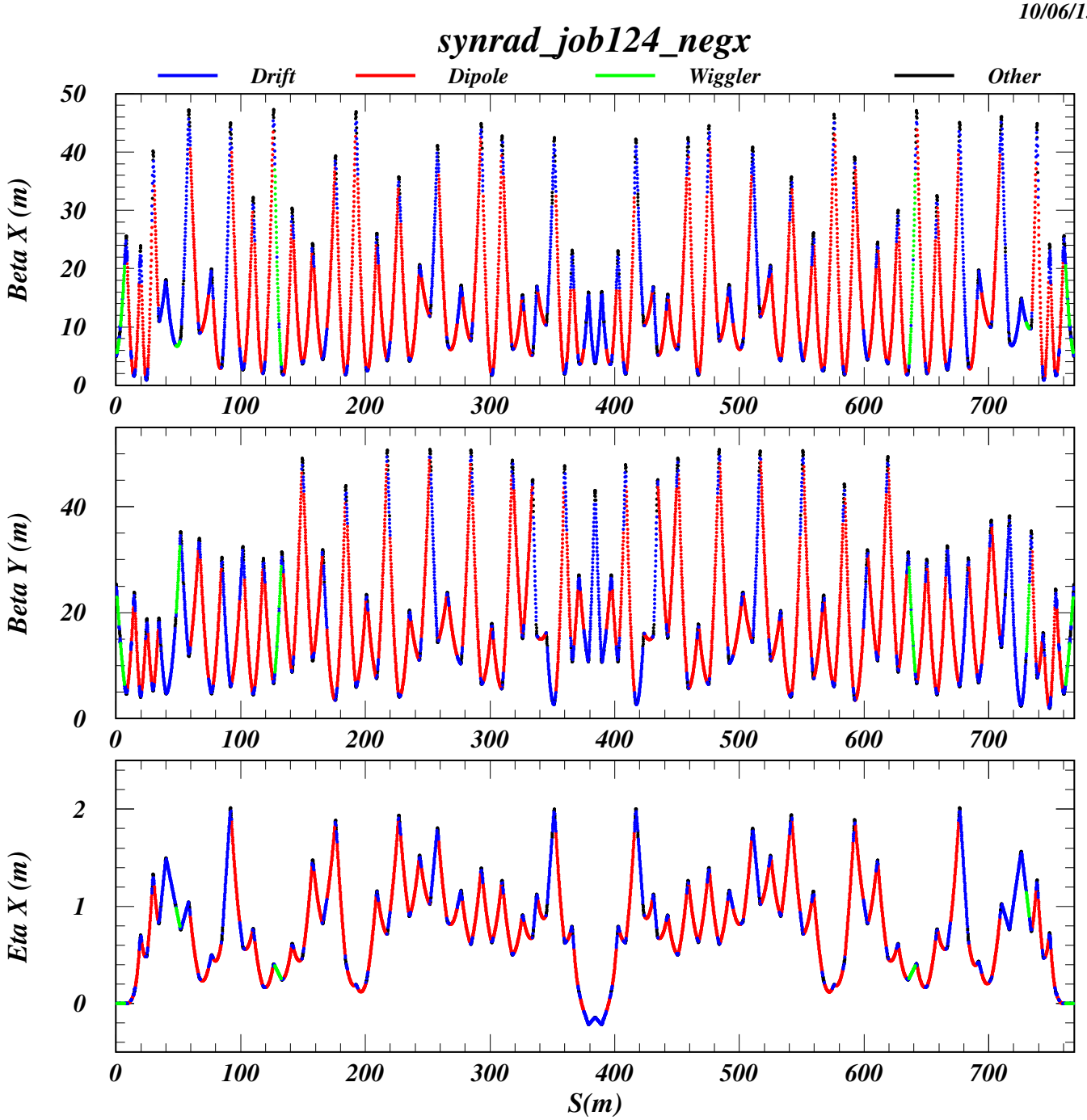
10/06/13 18.46

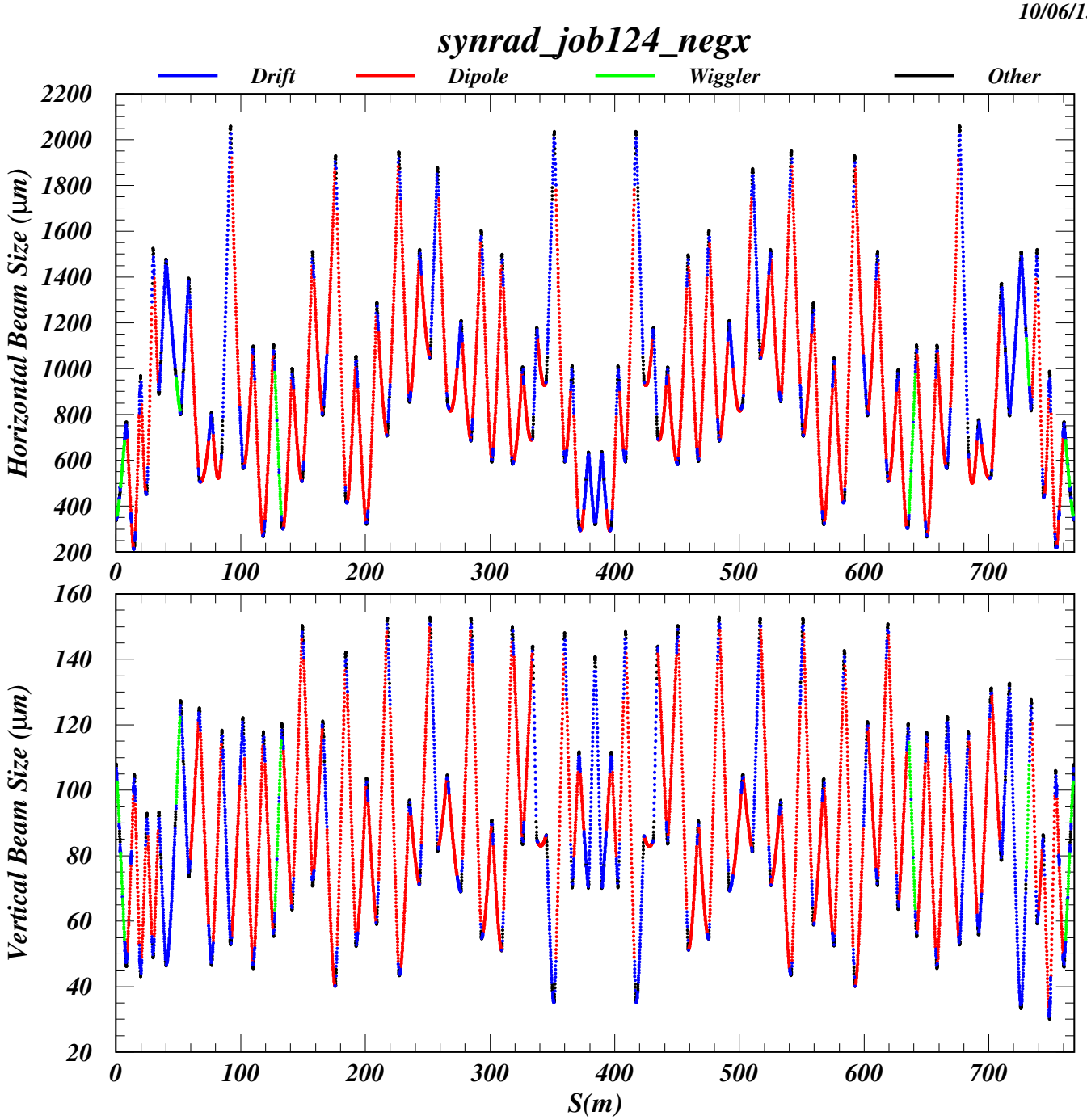
synrad_job124_negx



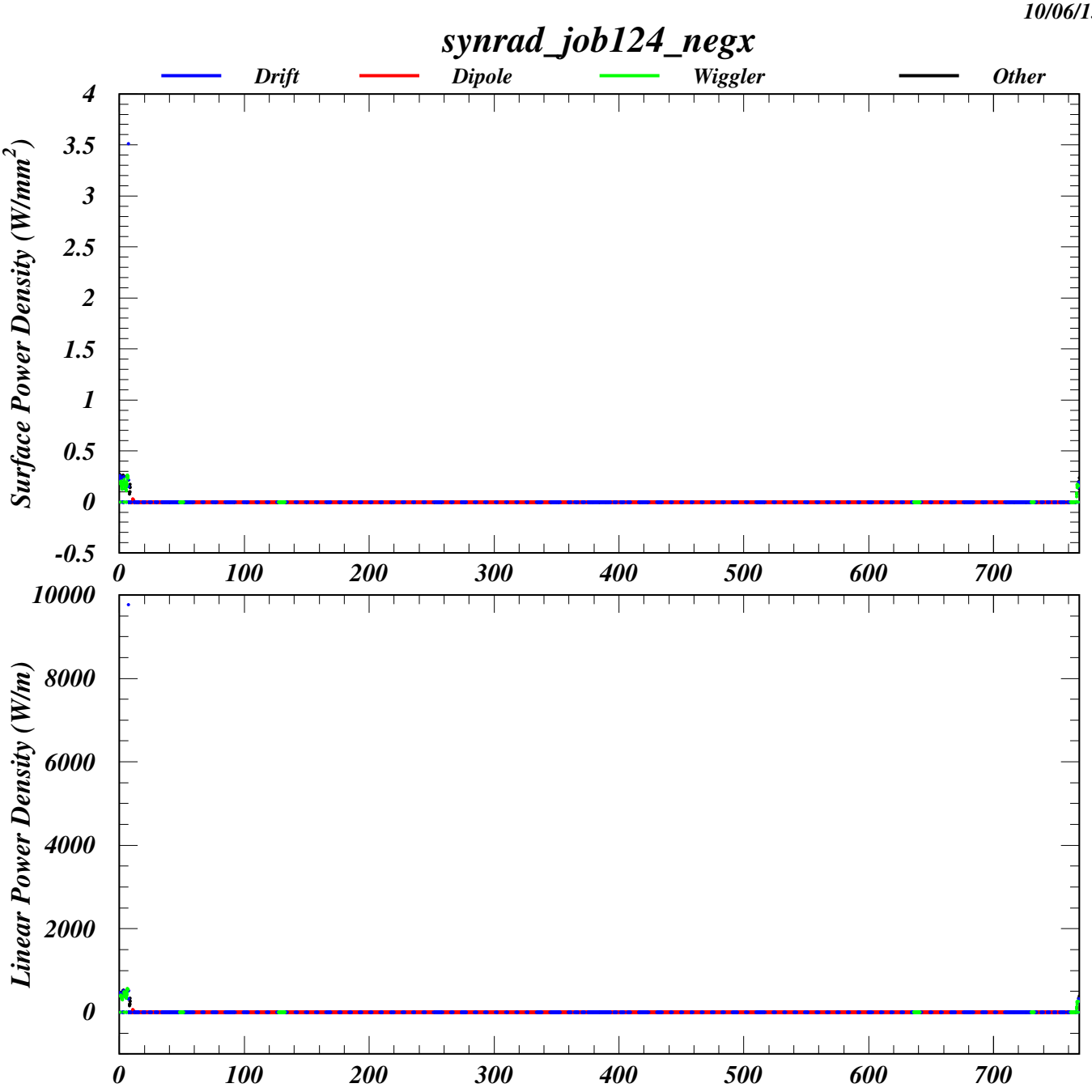
10/06/13 18.46


synrad_job124_negx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
0
100
200
300
400
500
600
700
10
20
30
40
50
1
2

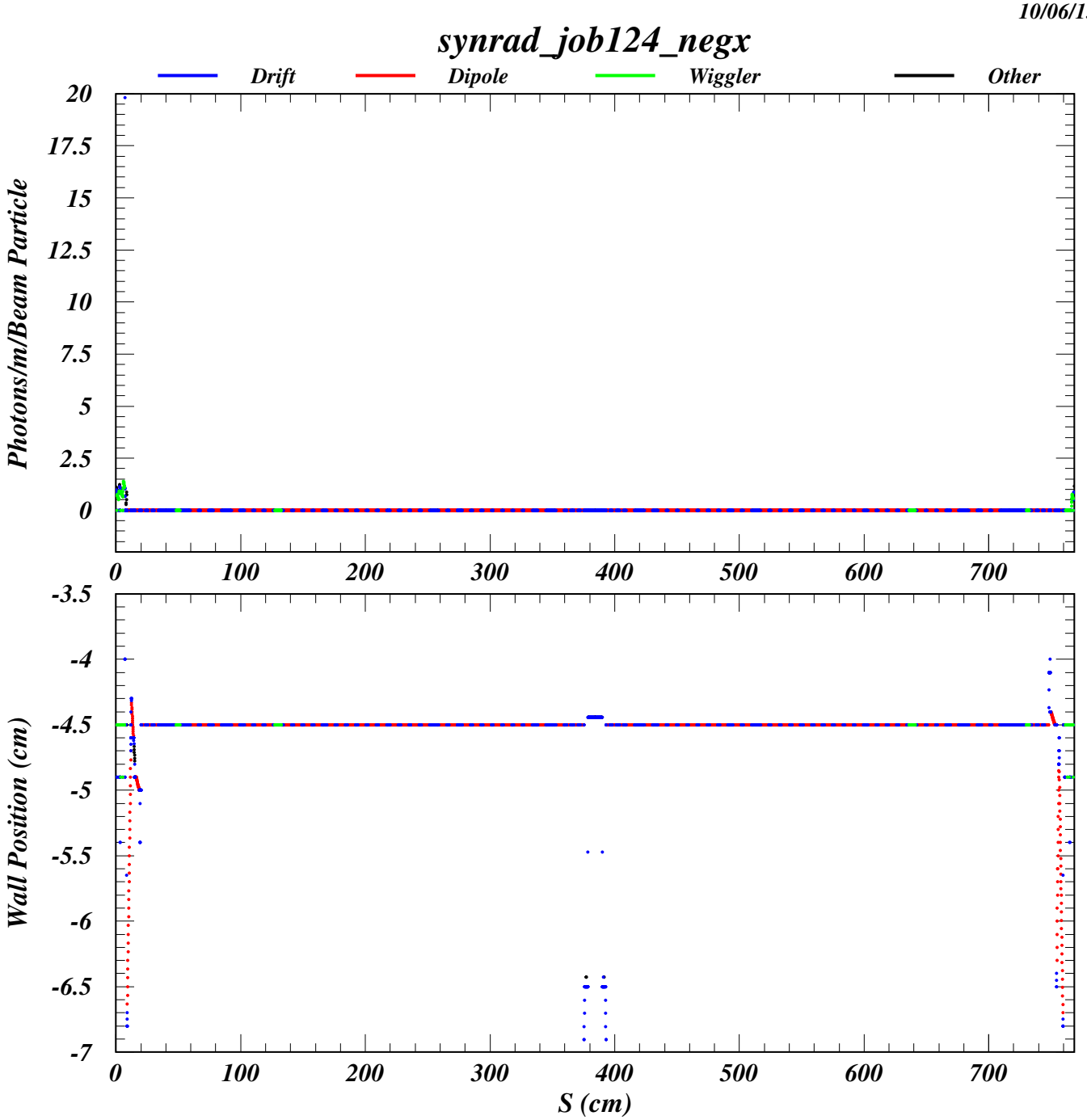
10/06/13 18.47


synrad_job124_negx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
100
200
300
400
500
600
700
Vertical Beam Size (μm)
160
140
120
100
80
60
40
20
S(m)

10/06/13 18.47


synrad_job124_negx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
4
3.5
3
2.5
2
1.5
1
0.5
0
-0.5
0
100
200
300
400
500
600
700
Linear Power Density (W/m)
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700

10/06/13 18.47


synrad_job124_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
20
17.5
15
12.5
10
7.5
5
2.5
0
0
100
200
300
400
500
600
700
Wall Position (cm)
-3.5
-4
-4.5
-5
-5.5
-6
-6.5
-7
0
100
200
300
400
500
600
700
S (cm)