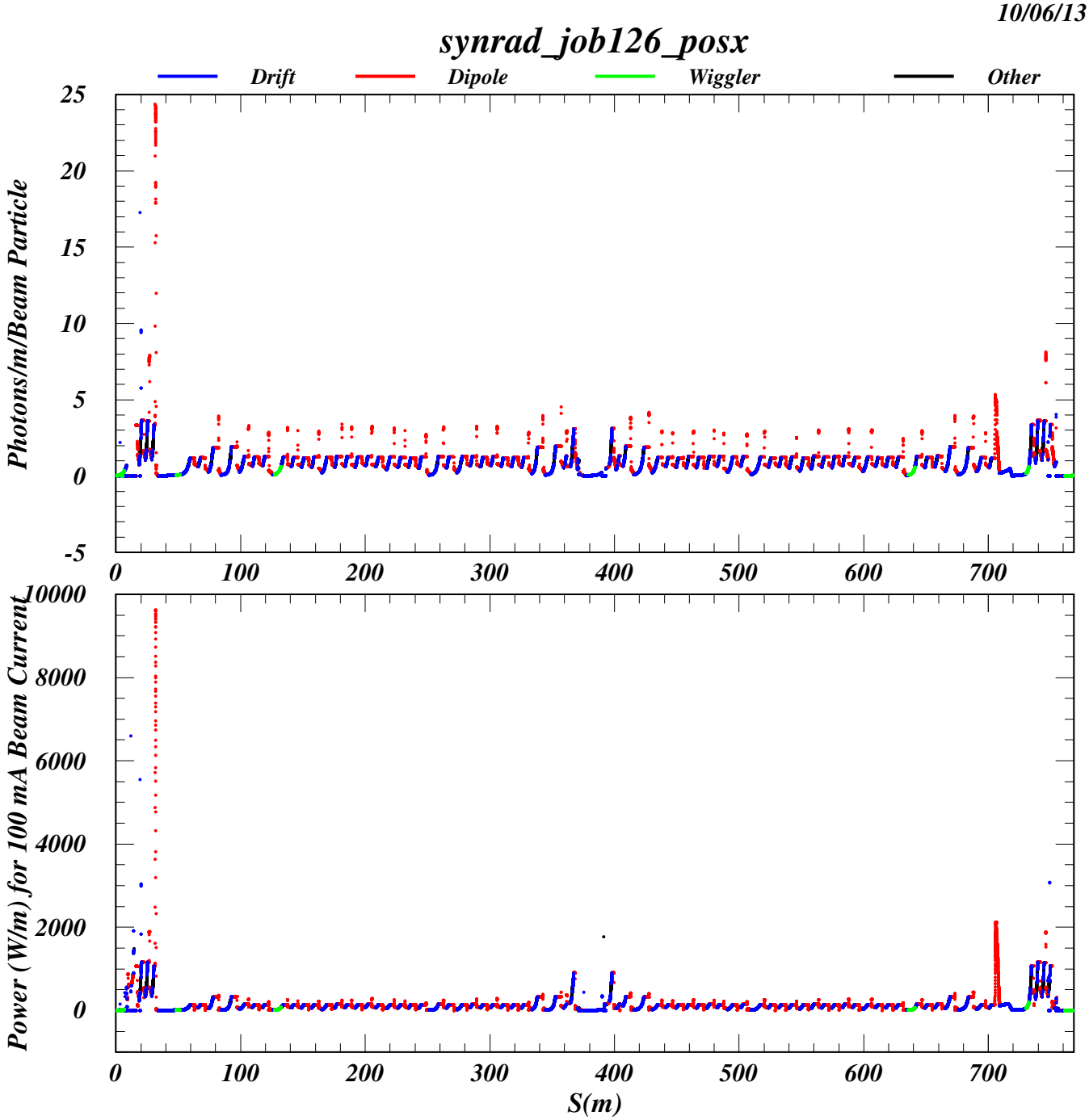
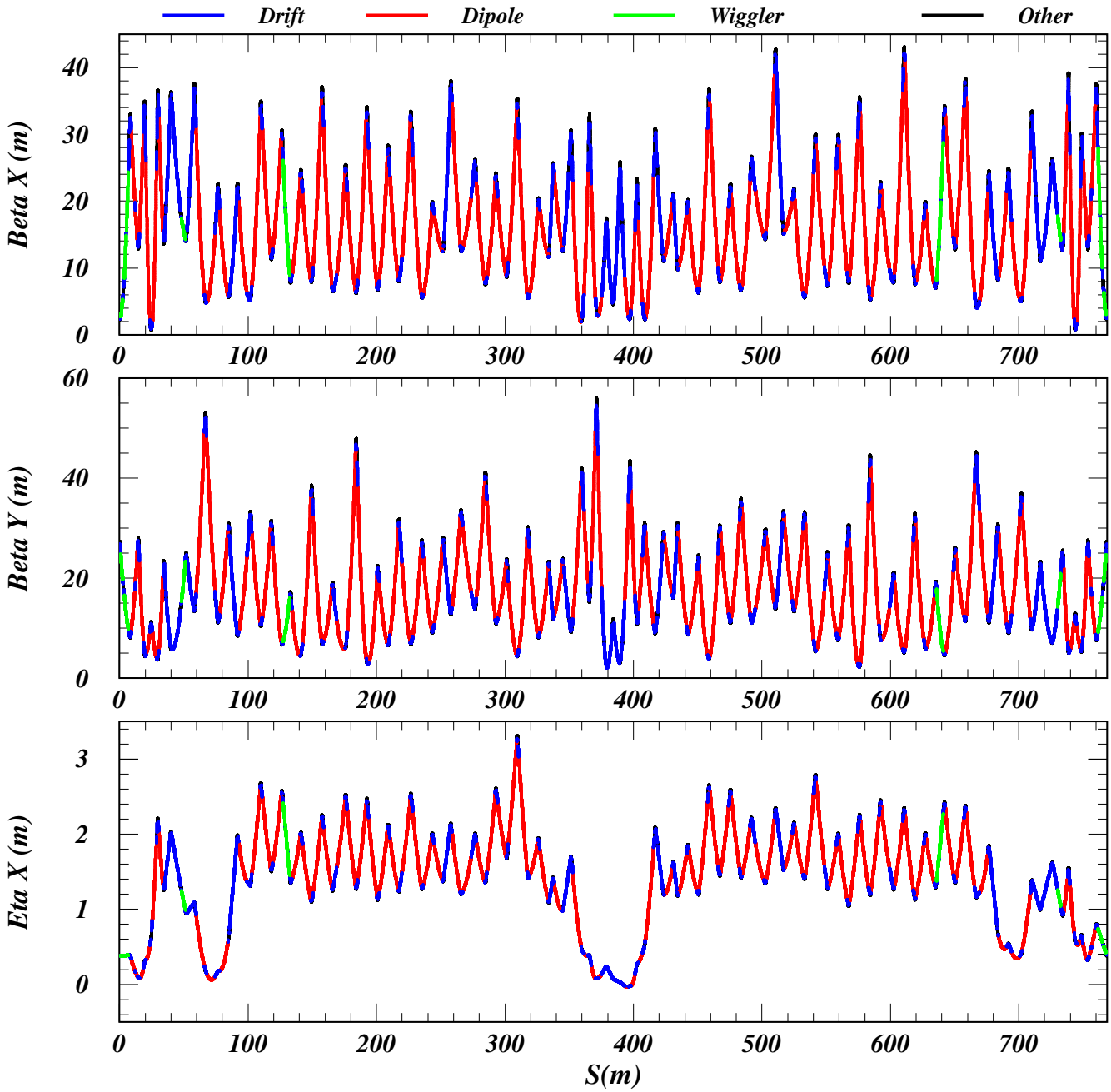
10/06/13 21.38

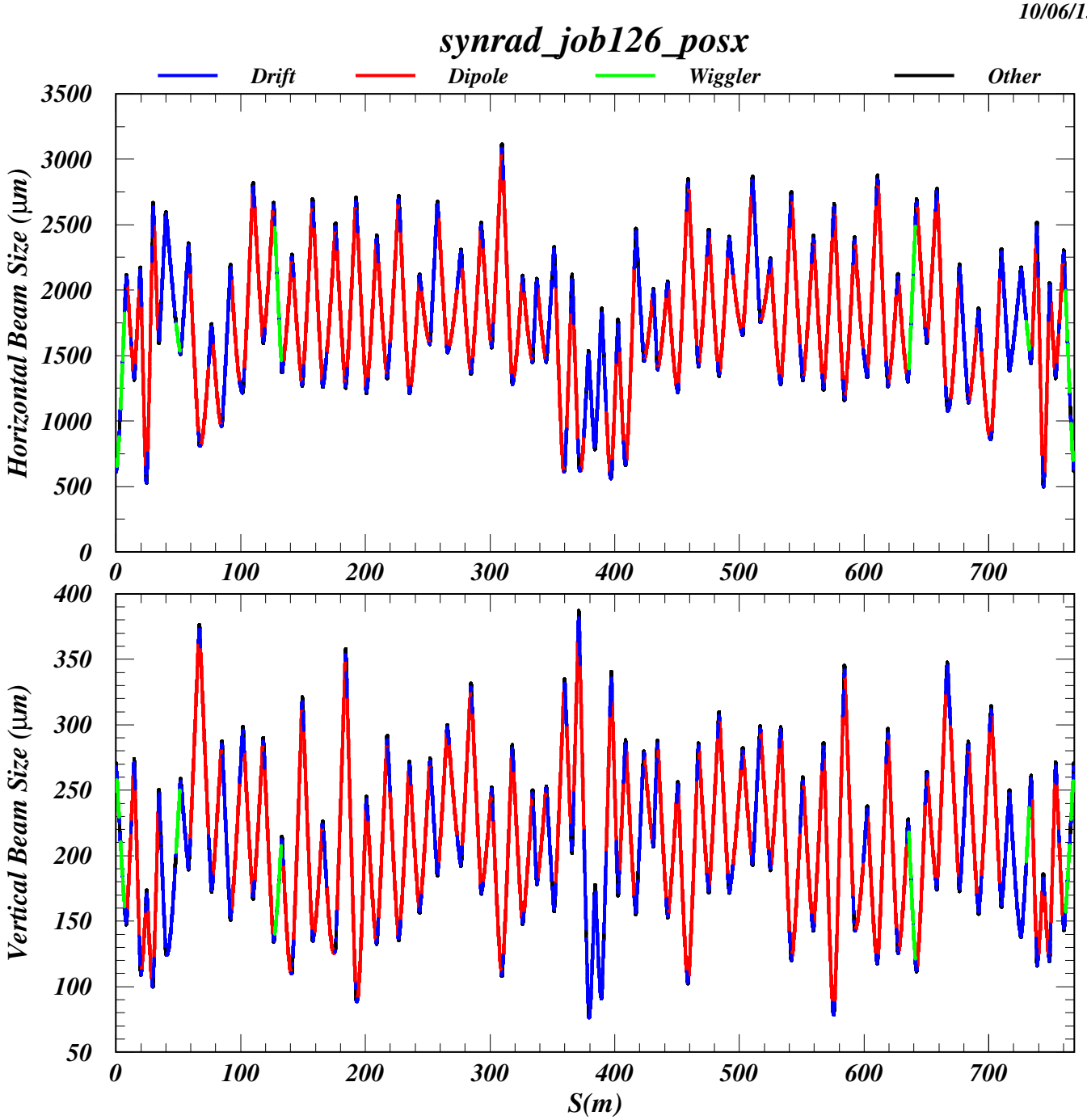

synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
25
20
15
10
5
0
-5
0
100
200
300
400
500
600
700
Power (W/m) for 100 mA Beam Current
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
600
700
S(m)

10/06/13 21.39

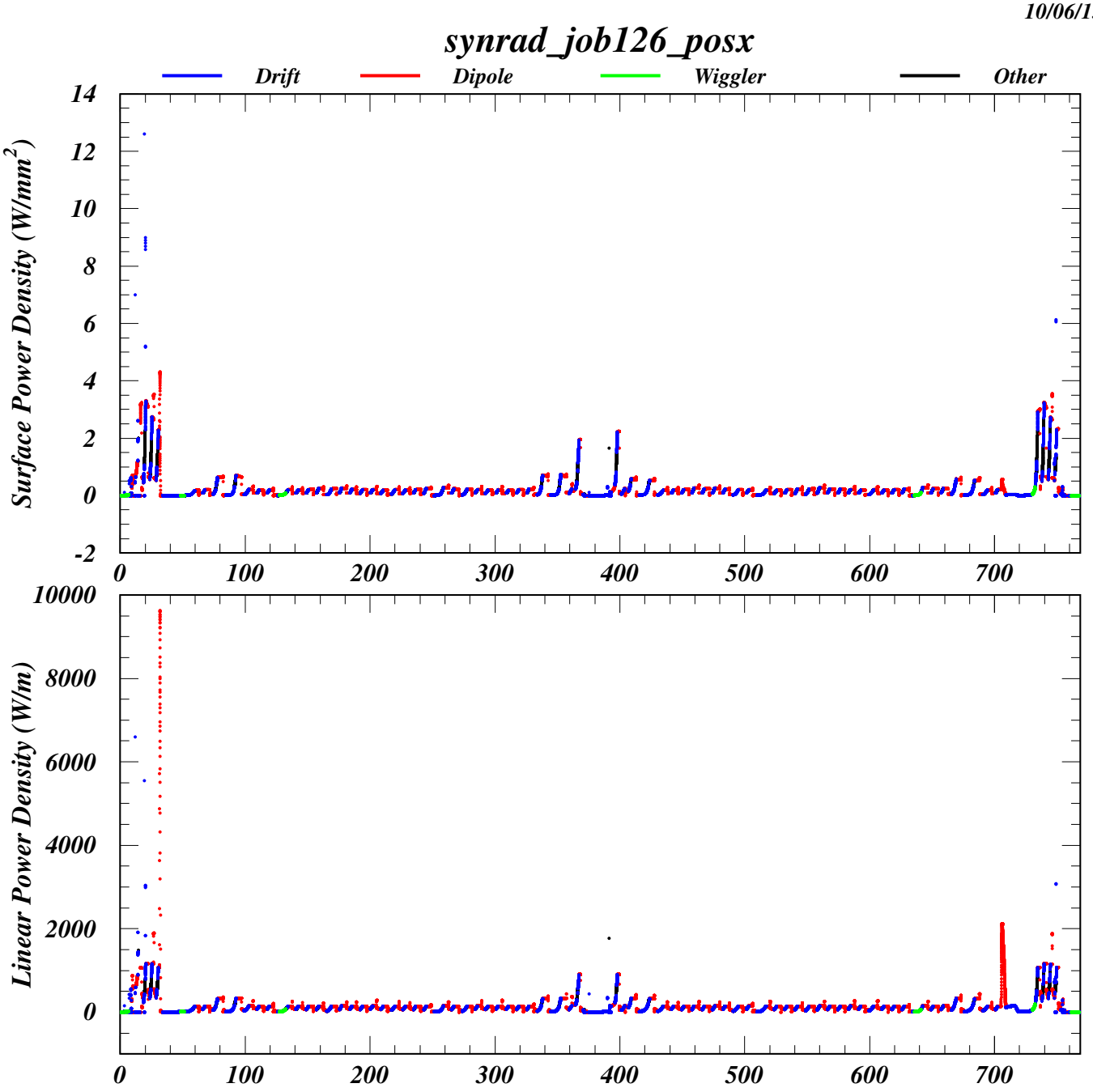
synrad_job126_posx



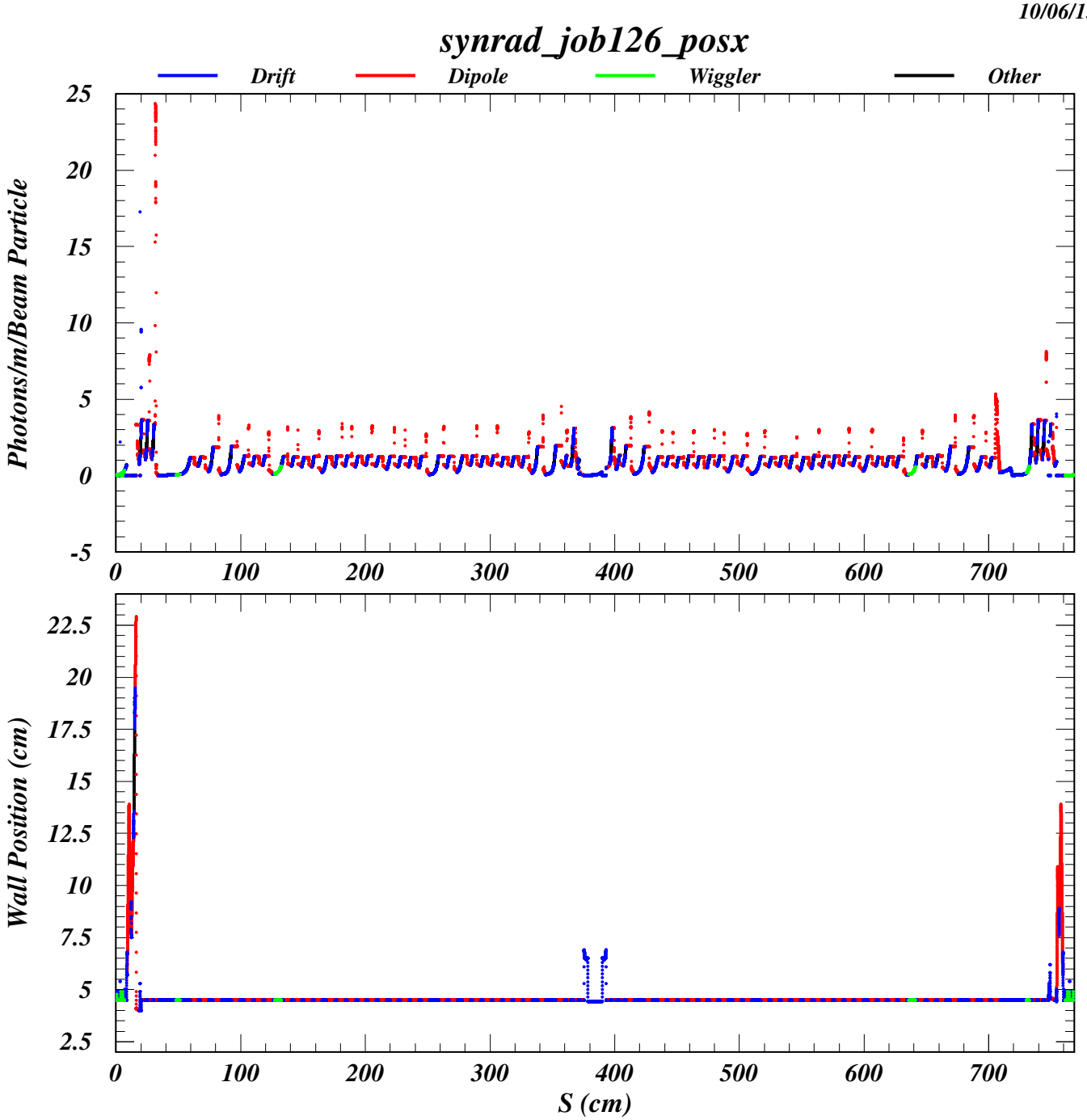
10/06/13 21.41


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
3500
3000
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
Vertical Beam Size (μm)
400
350
300
250
200
150
100
50
S(m)

10/06/13 21.41


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
14
12
10
8
6
4
2
0
-2
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 21.42


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
25
20
15
10
5
0
-5
0
100
200
300
400
500
600
700
Wall Position (cm)
22.5
20
17.5
15
12.5
10
7.5
5
2.5
S (cm)