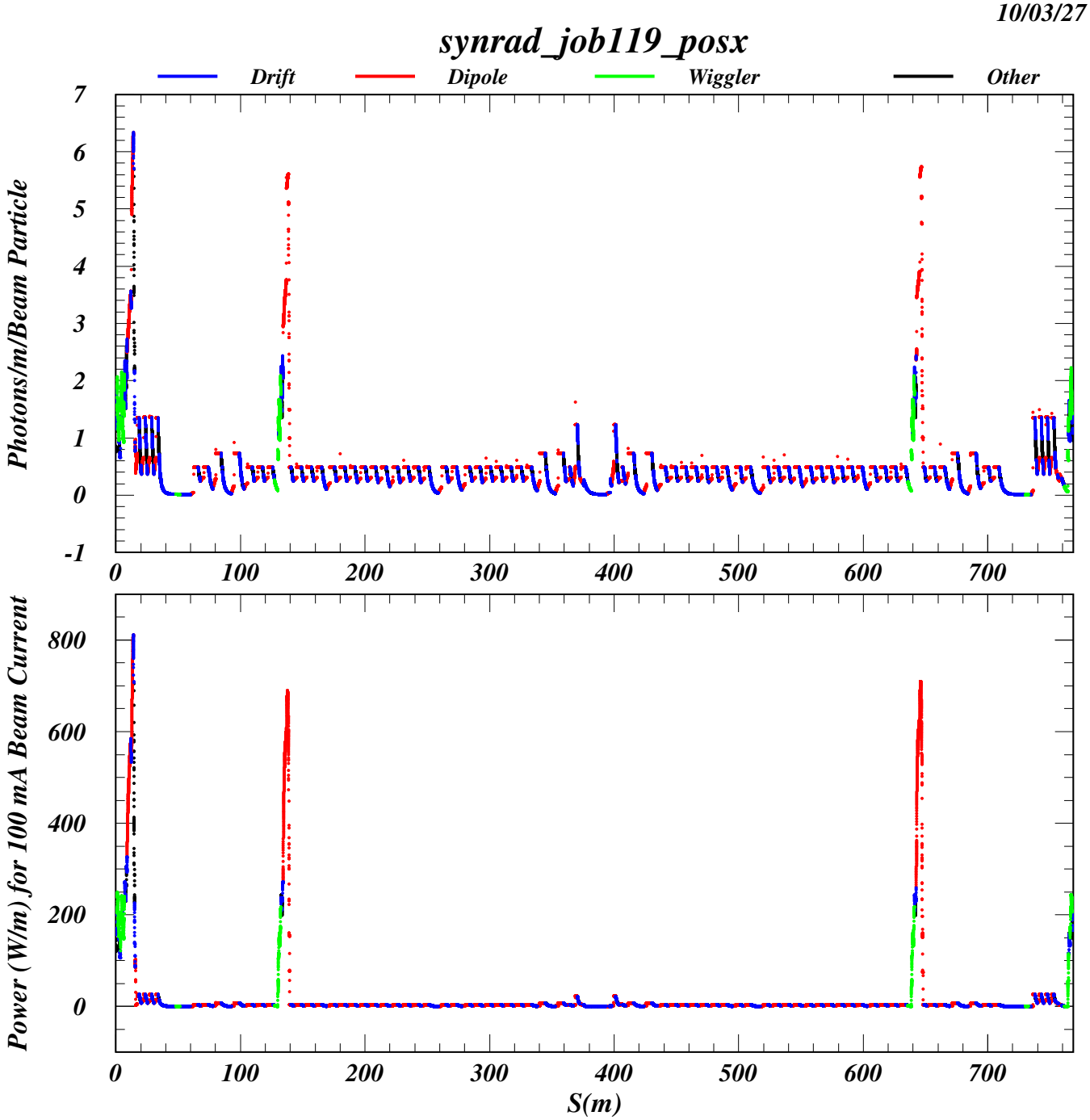
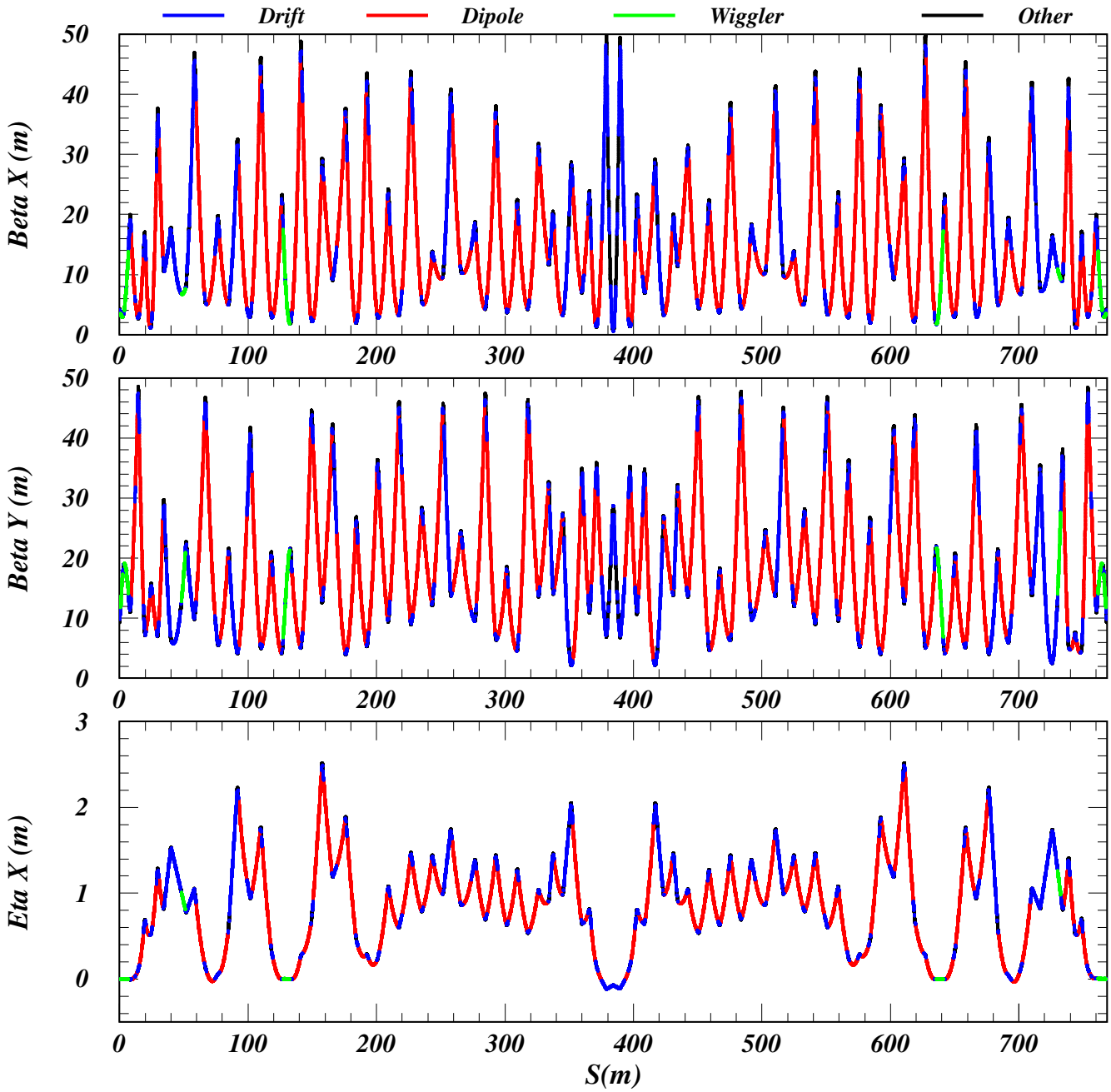
10/03/27 13.42

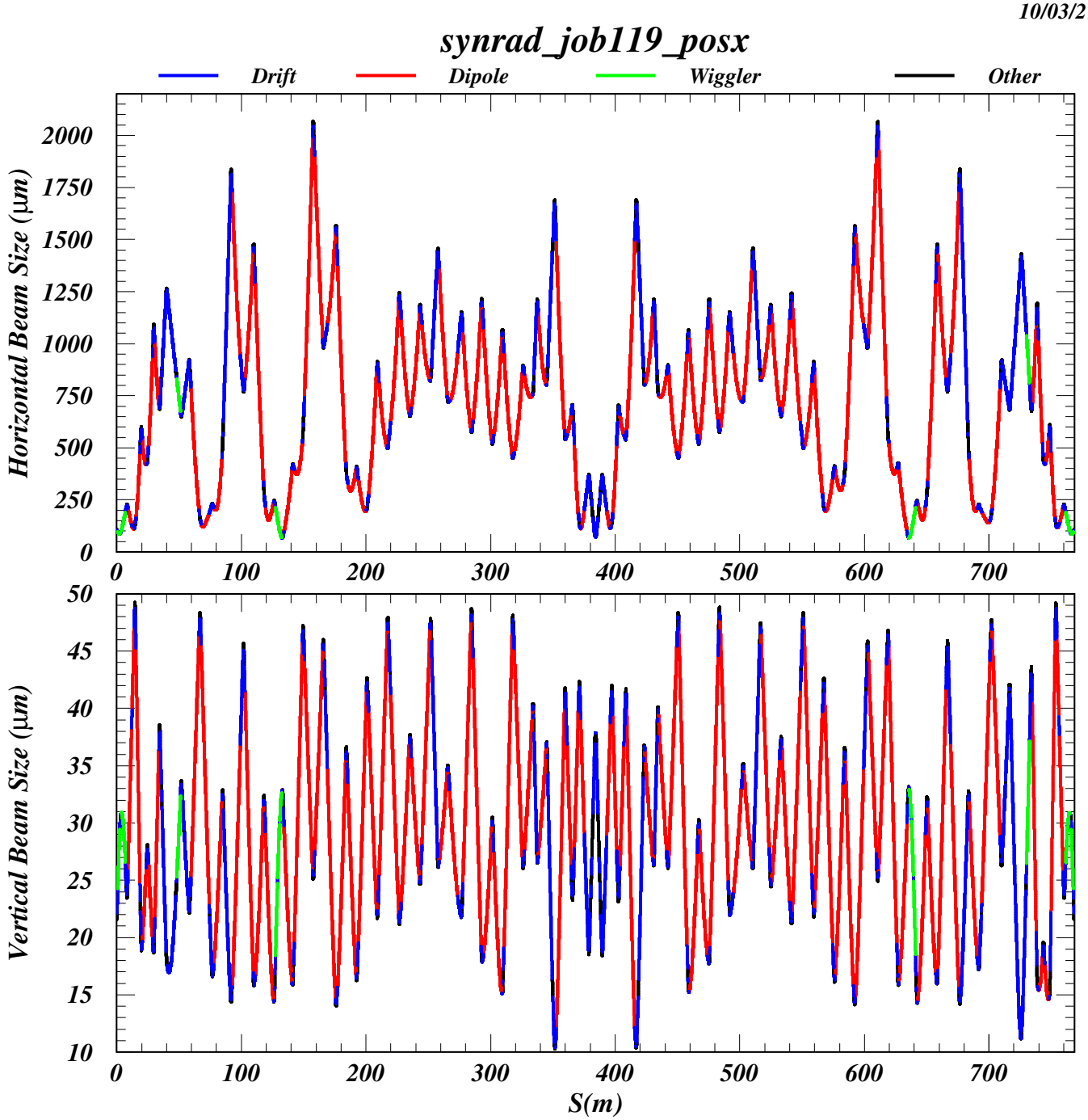

synrad_job119_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
7
6
5
4
3
2
1
0
-1
0
100
200
300
400
500
600
700
Power (W/m) for 100 mA Beam Current
800
600
400
200
0
0
100
200
300
400
500
600
700
S(m)

10/03/27 13.42

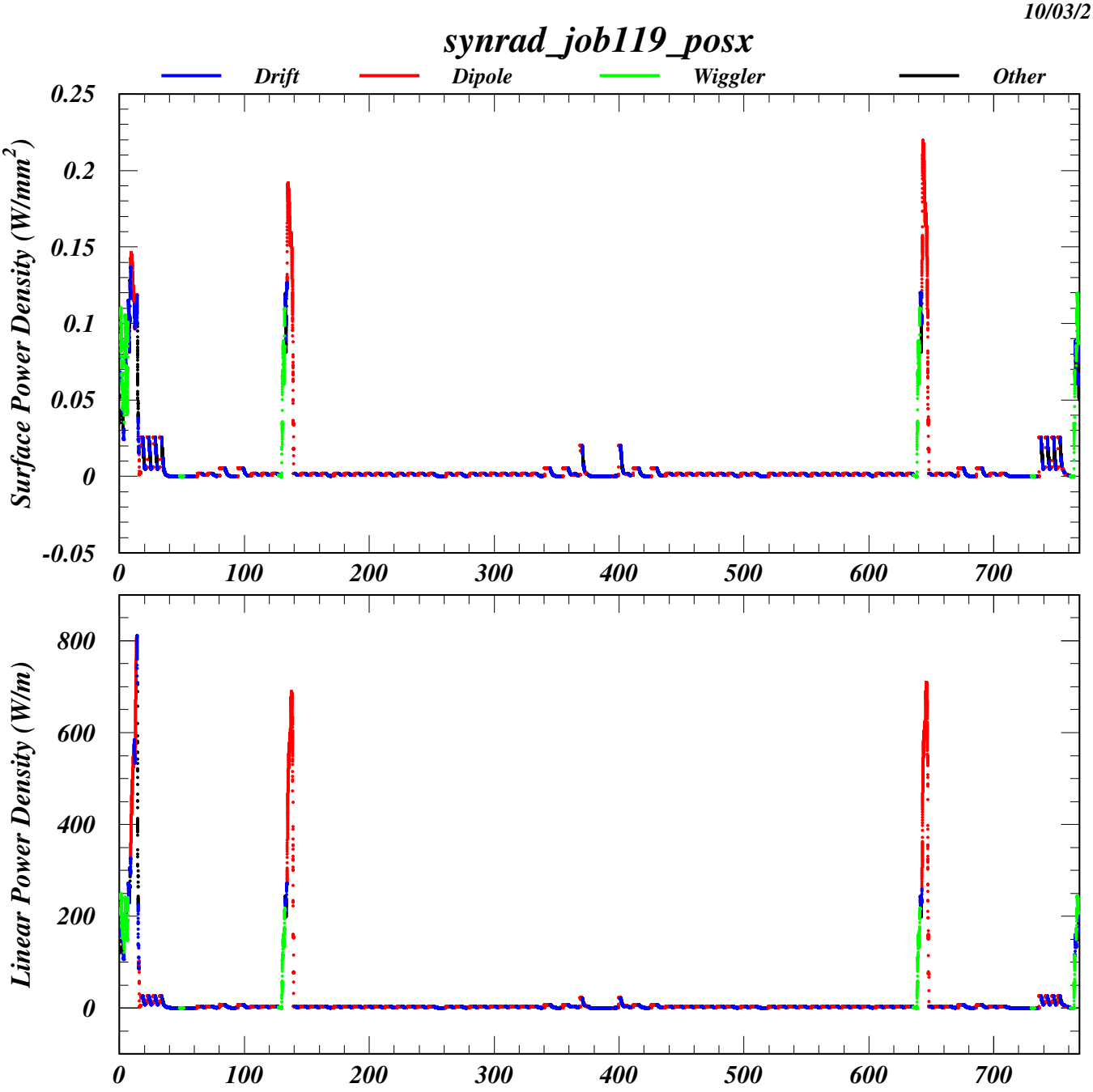
synrad_job119_posx



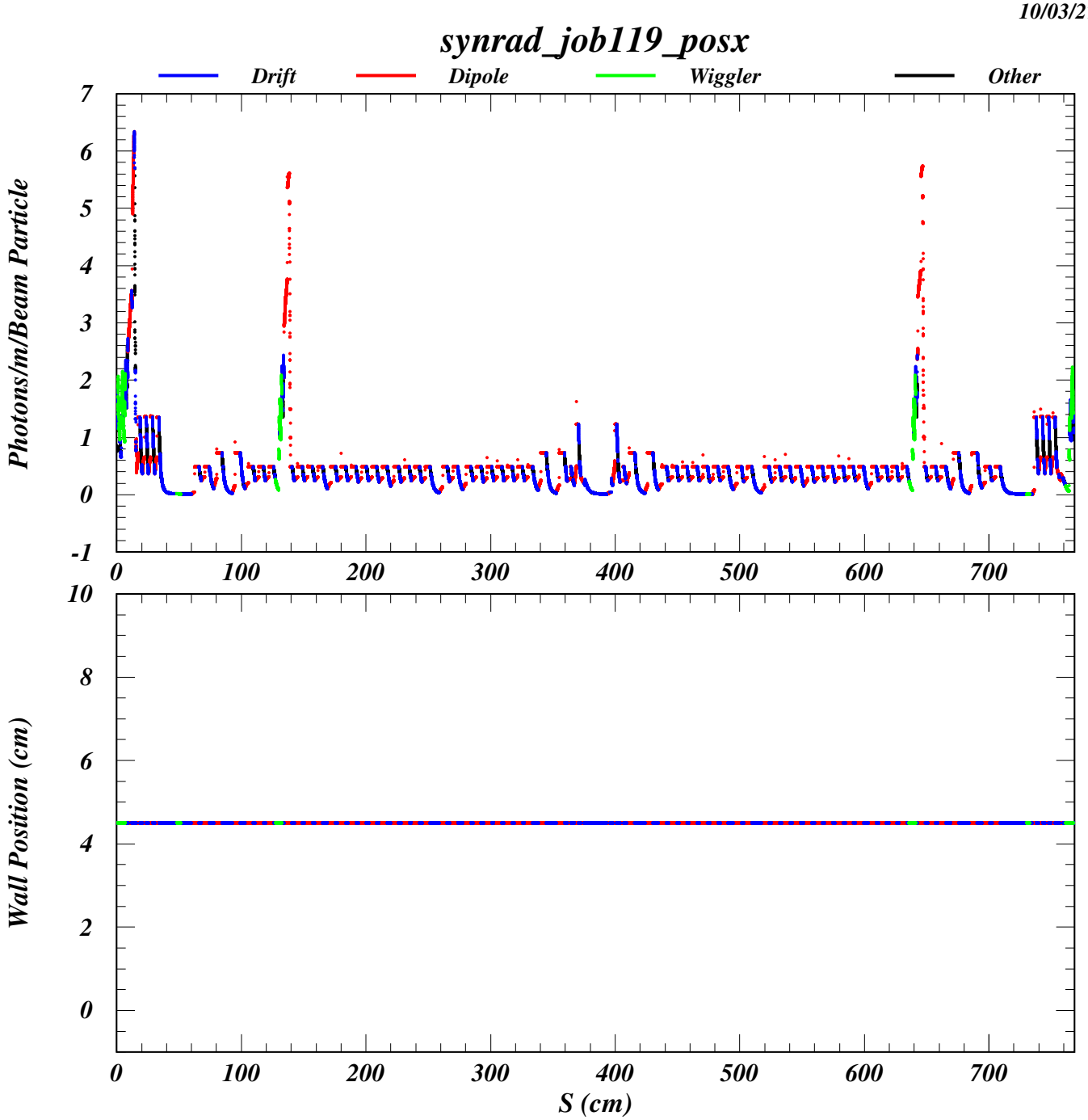
10/03/27 13.43


synrad_job119_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
2000
1750
1500
1250
1000
750
500
250
0
0
100
200
300
400
500
600
700
Vertical Beam Size (μm)
50
45
40
35
30
25
20
15
10
0
100
200
300
400
500
600
700
S(m)

10/03/27 13.44


synrad_job119_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
0.25
0.2
0.15
0.1
0.05
0
-0.05
0
100
200
300
400
500
600
700
Linear Power Density (W/m)
800
600
400
200
0
0
100
200
300
400
500
600
700

10/03/27 13.44


synrad_job119_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
7
6
5
4
3
2
1
0
-1
0
100
200
300
400
500
600
700
Wall Position (cm)
10
8
6
4
2
0
0
100
200
300
400
500
600
700
S (cm)