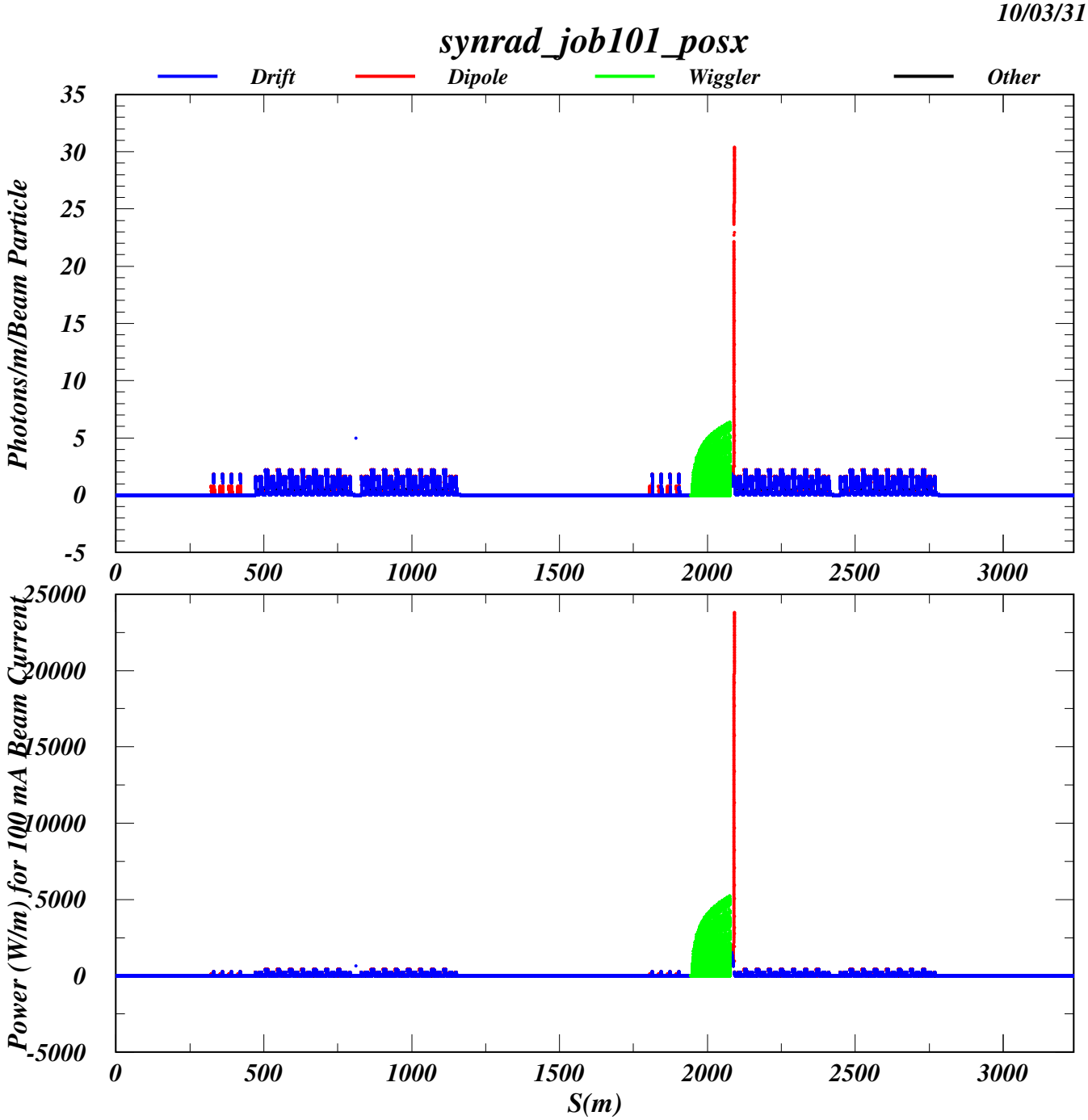
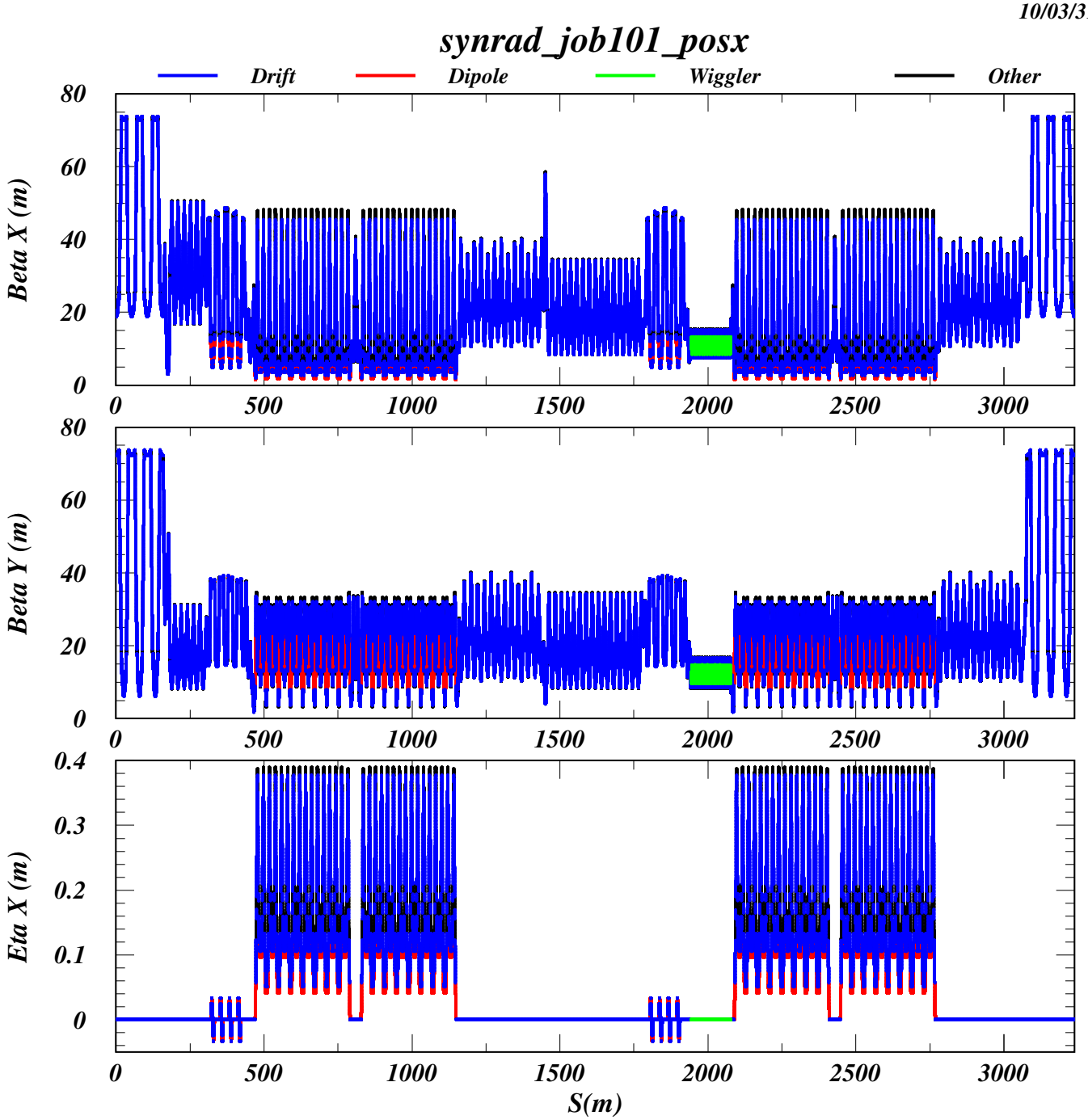
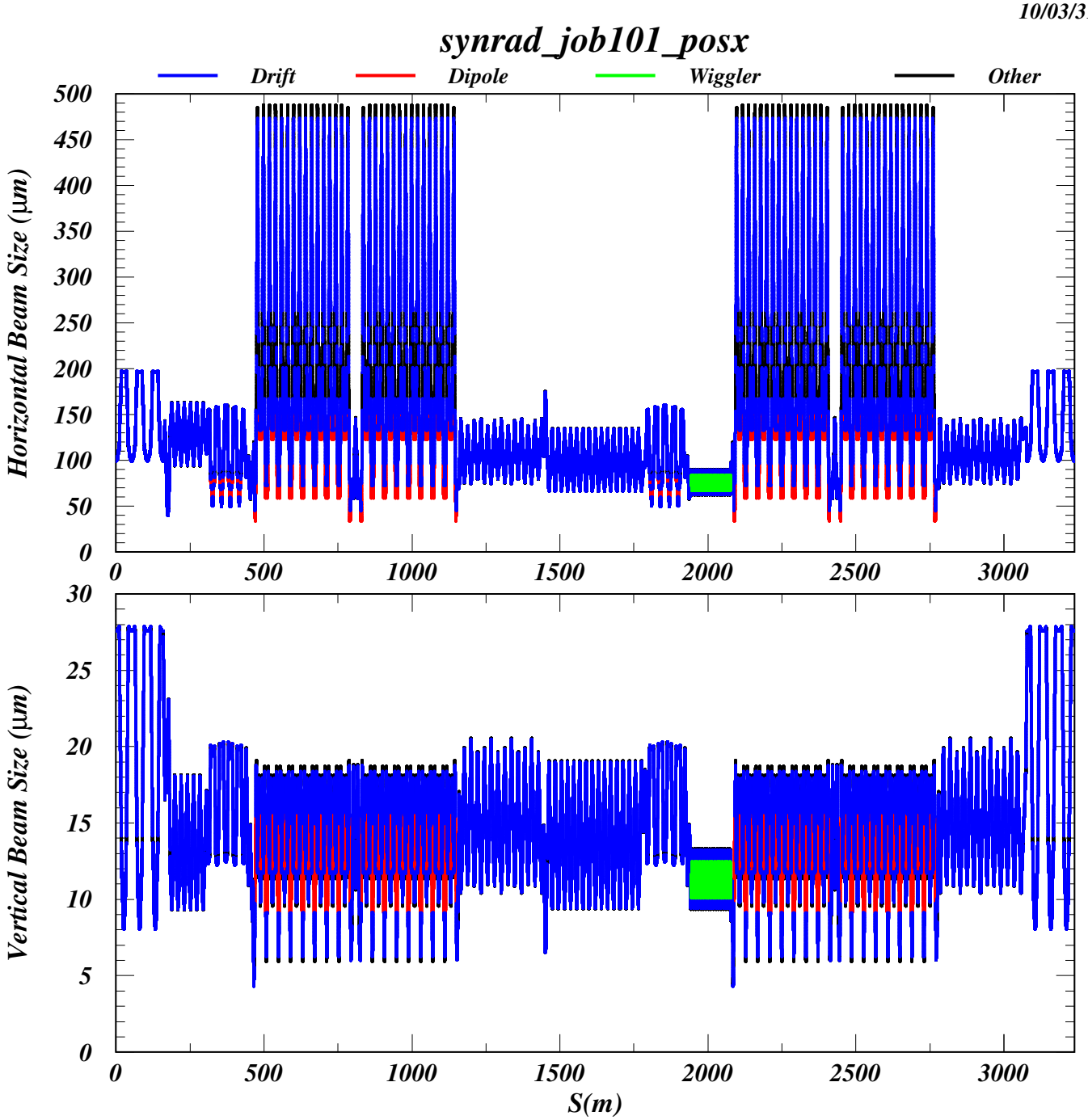
10/03/31 12.10

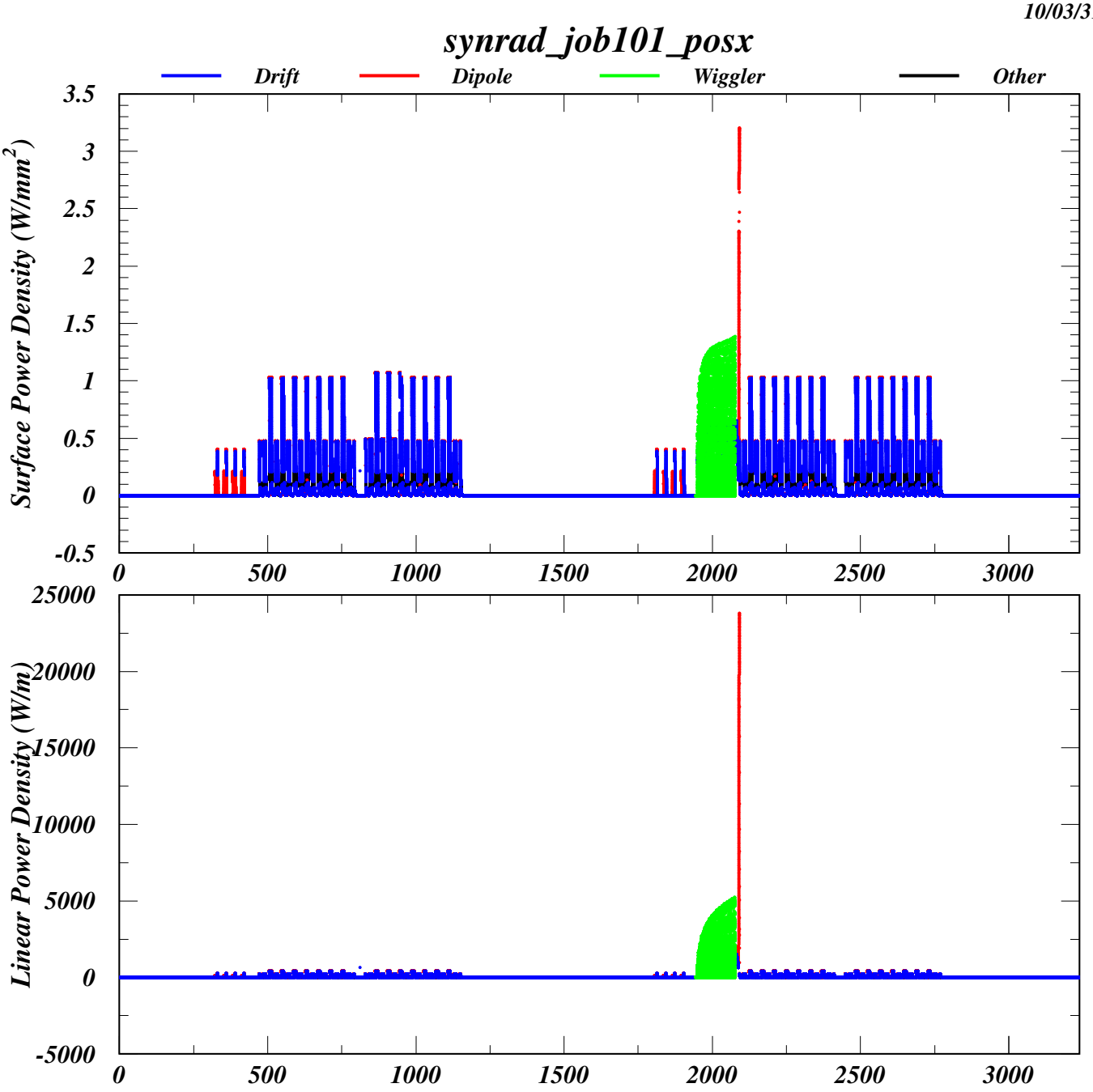

synrad_job101_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
35
30
25
20
15
10
5
0
-5
0
500
1000
1500
2000
2500
3000
Power (W/m) for 100 mA Beam Current
25000
20000
15000
10000
5000
0
-5000
0
500
1000
1500
2000
2500
3000
S(m)

10/03/31 12.10

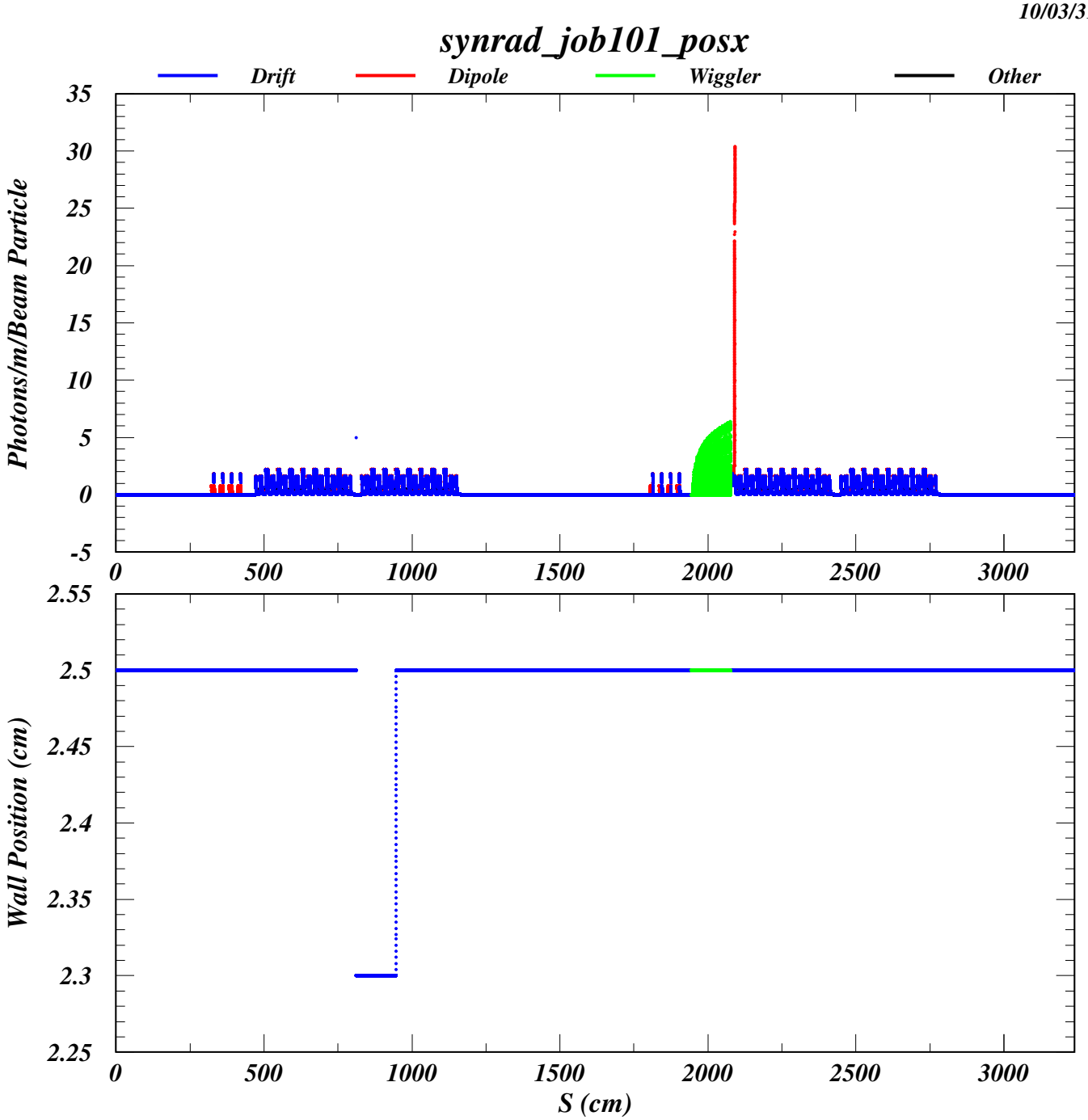

synrad_job101_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
0
20
40
60
80
0.1
0.2
0.3
0.4
500
1000
1500
2000
2500
3000

10/03/31 12.11


synrad_job101_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
Vertical Beam Size (μm)
S(m)
0
50
100
150
200
250
300
350
400
450
500
5
10
15
20
25
30
500
1000
1500
2000
2500
3000


synrad_job101_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm²)
3.5
3
2.5
2
1.5
1
0.5
0
-0.5
0
500
1000
1500
2000
2500
3000
Linear Power Density (W/m)
25000
20000
15000
10000
5000
0
-5000
0
500
1000
1500
2000
2500
3000

10/03/31 12.11


synrad_job101_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
35
30
25
20
15
10
5
0
-5
0
500
1000
1500
2000
2500
3000
Wall Position (cm)
2.55
2.5
2.45
2.4
2.35
2.3
2.25
0
500
1000
1500
2000
2500
3000
S (cm)