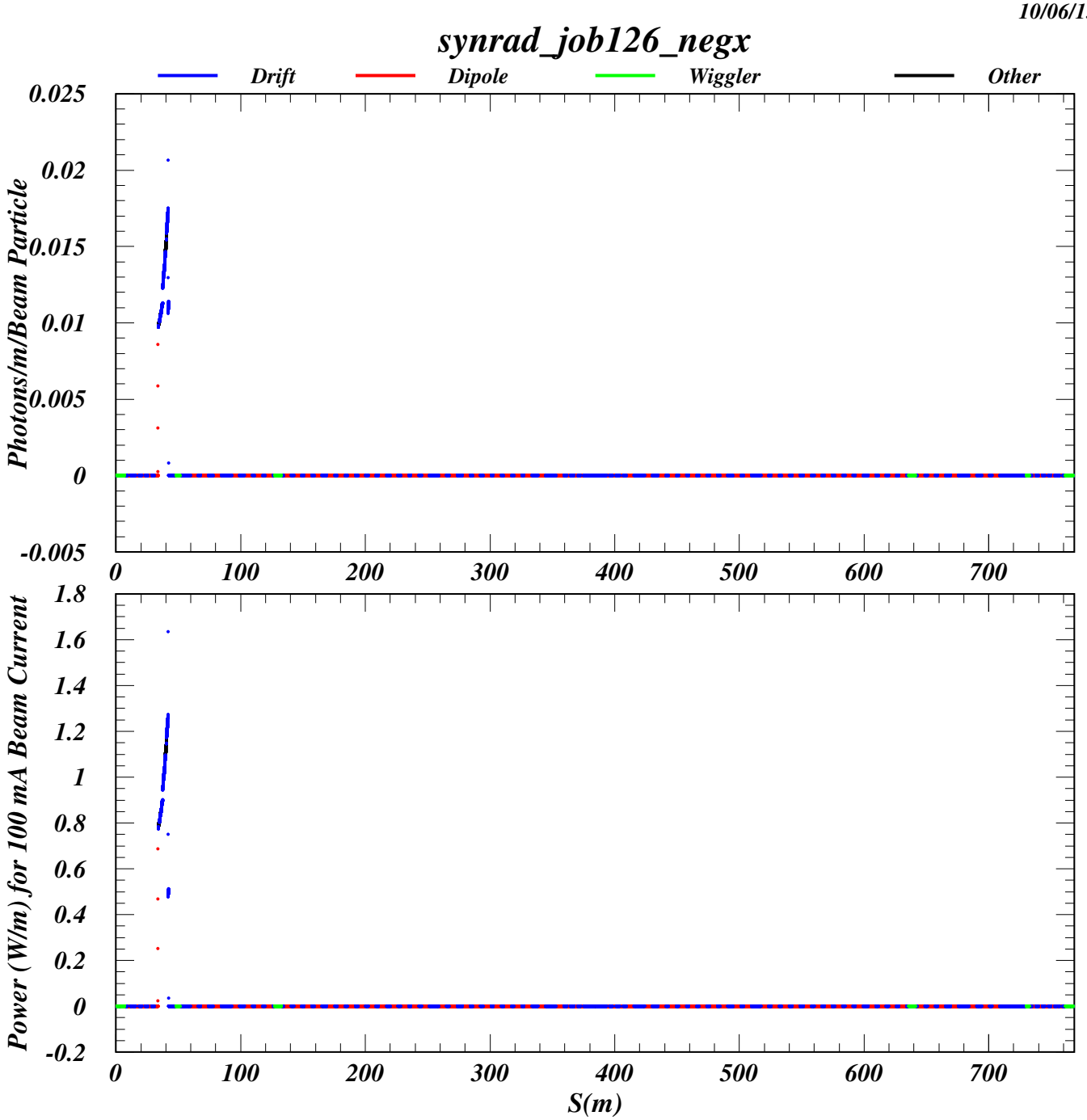
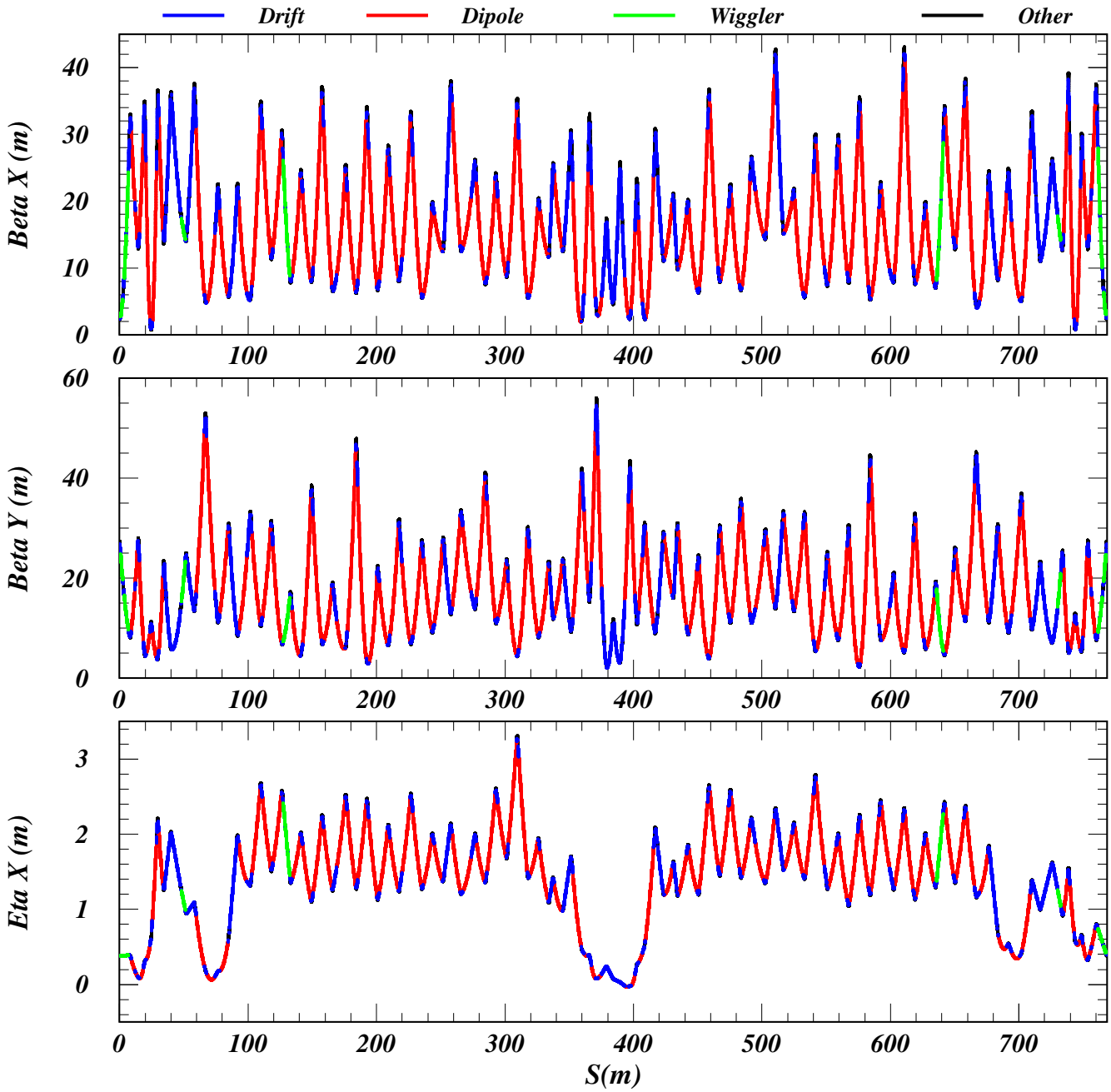
10/06/13 21.43

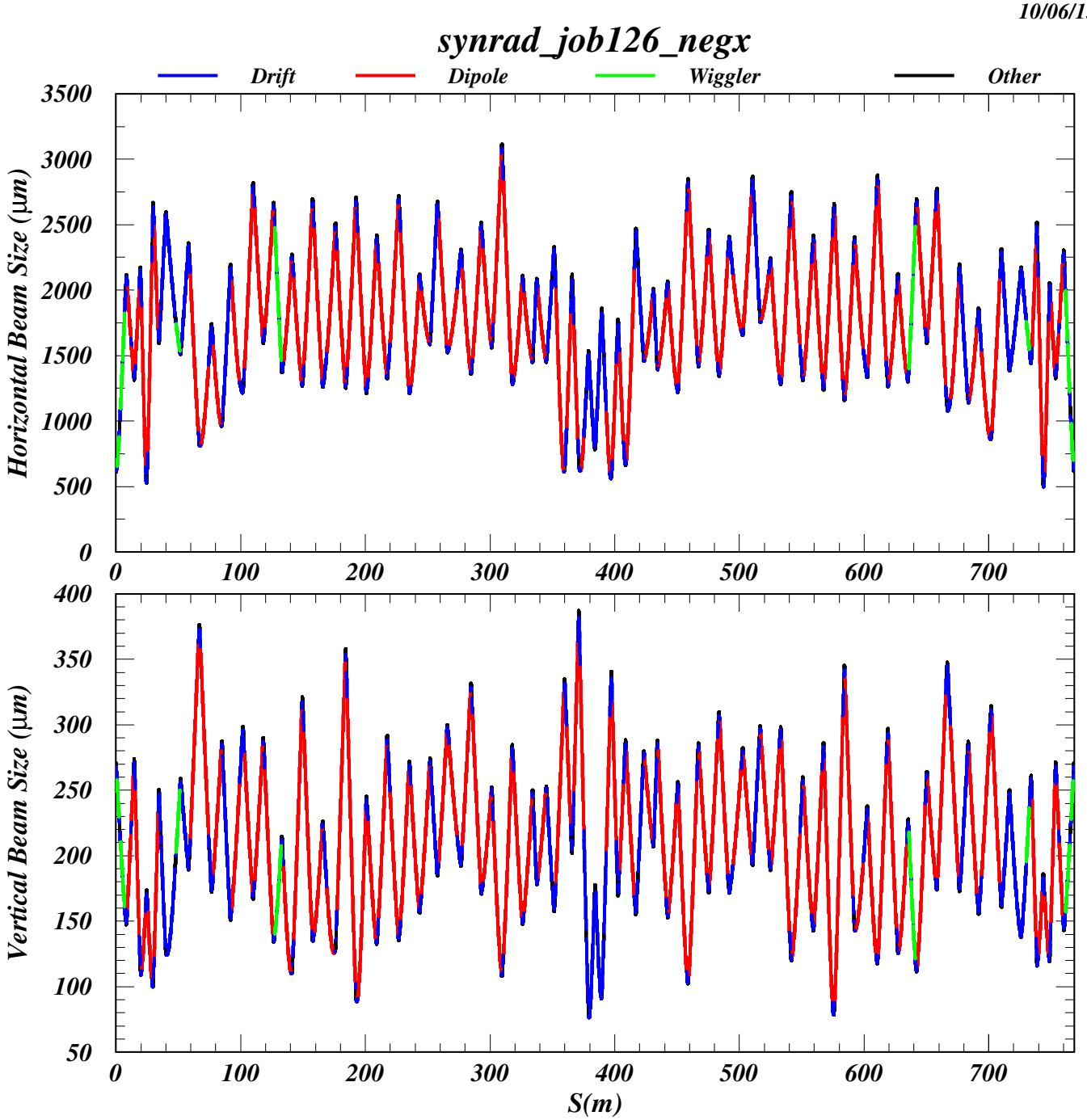

synrad_job126_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.025
0.02
0.015
0.01
0.005
0
-0.005
0
100
200
300
400
500
600
700
Power (W/m) for 100 mA Beam Current
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
S(m)

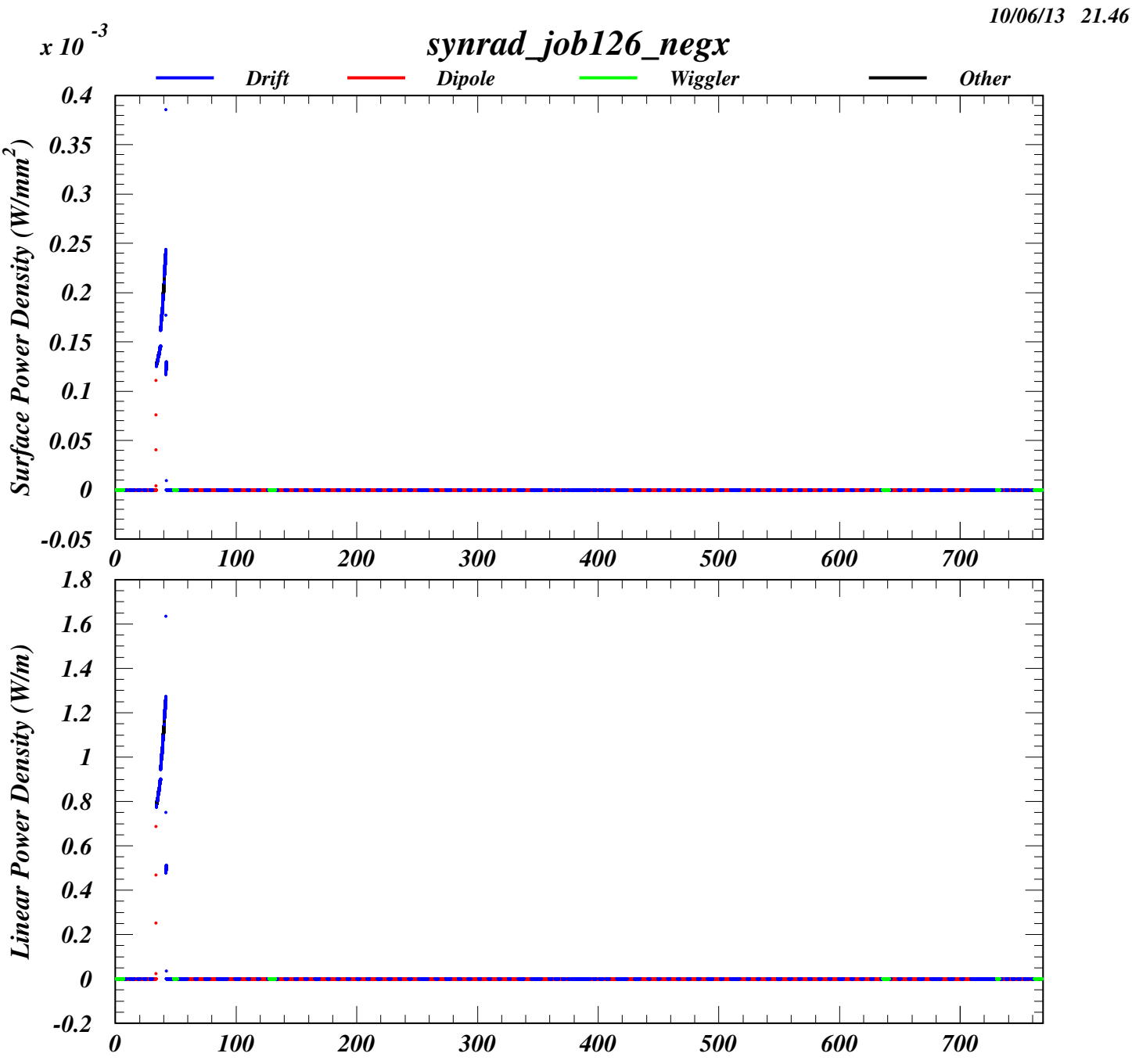
10/06/13 21.44

synrad_job126_negx

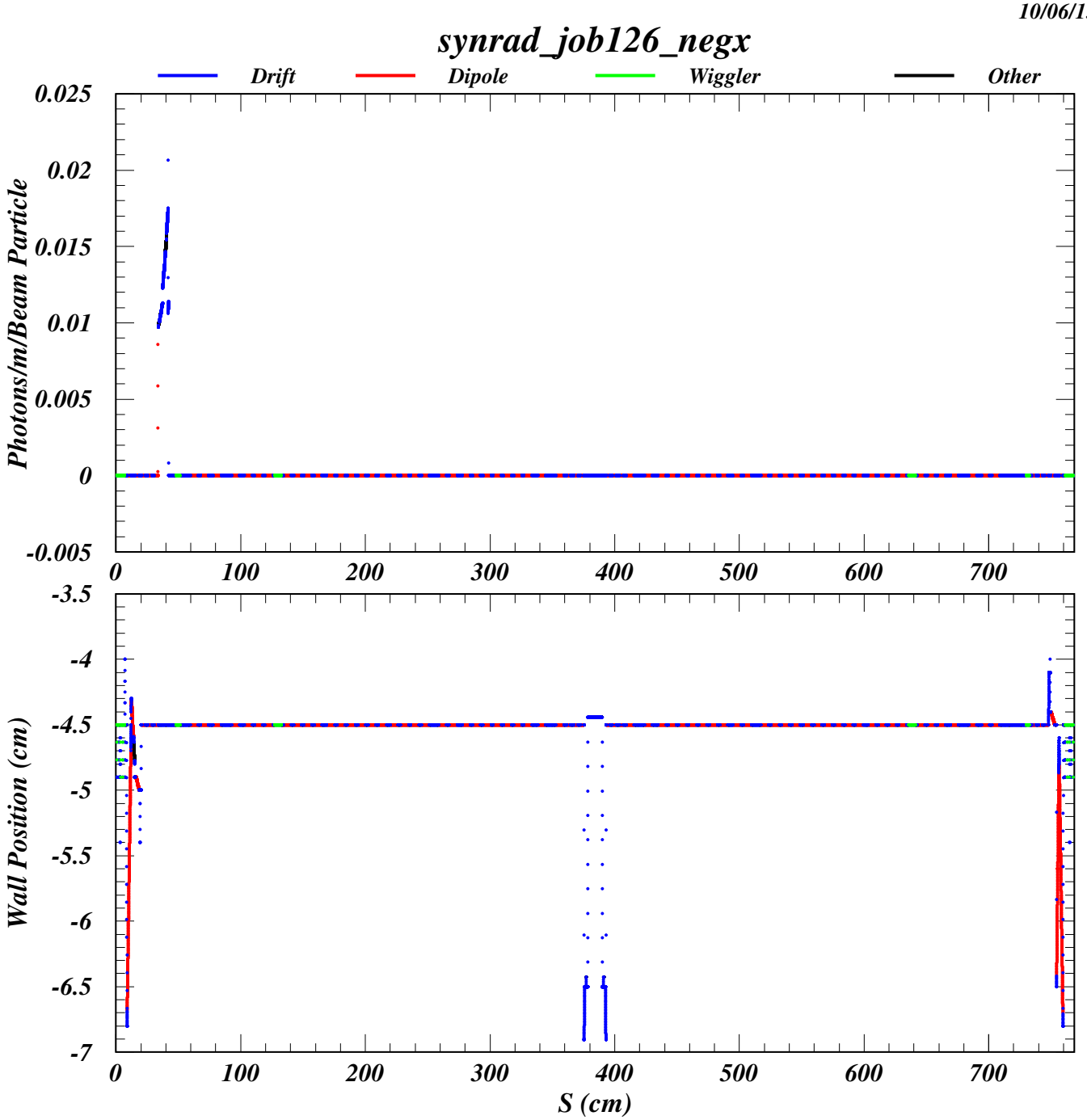


10/06/13 21.45


synrad_job126_negx
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 21.46
synrad_job126_negx
x 10 -3
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm2)
0.4
0.35
0.3
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)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
0
100
200
300
400
500
600
700

10/06/13 21.46


synrad_job126_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.025
0.02
0.015
0.01
0.005
0
-0.005
0
100
200
300
400
500
600
700
Wall Position (cm)
-3.5
-4
-4.5
-5
-5.5
-6
-6.5
-7
S (cm)