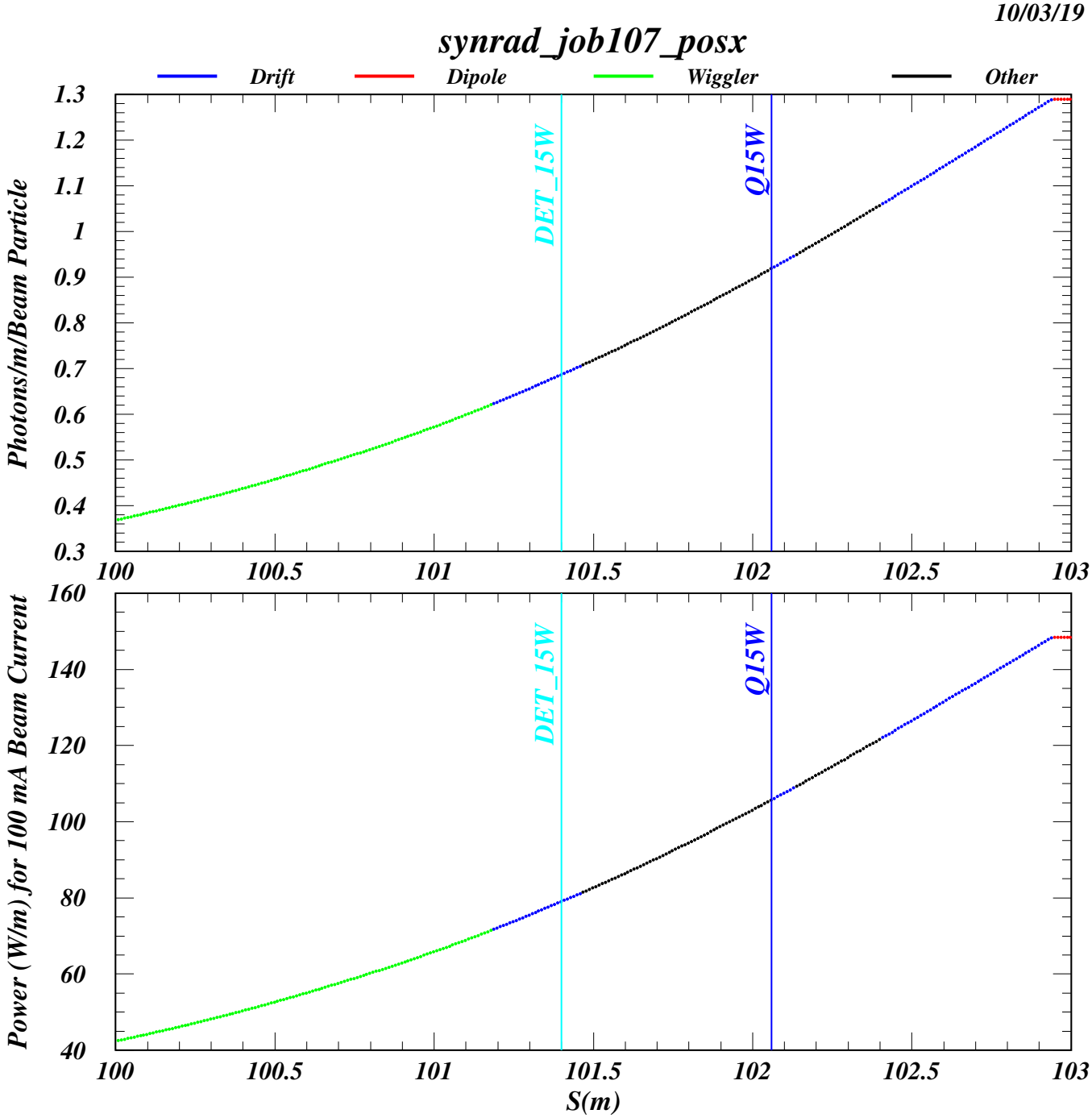
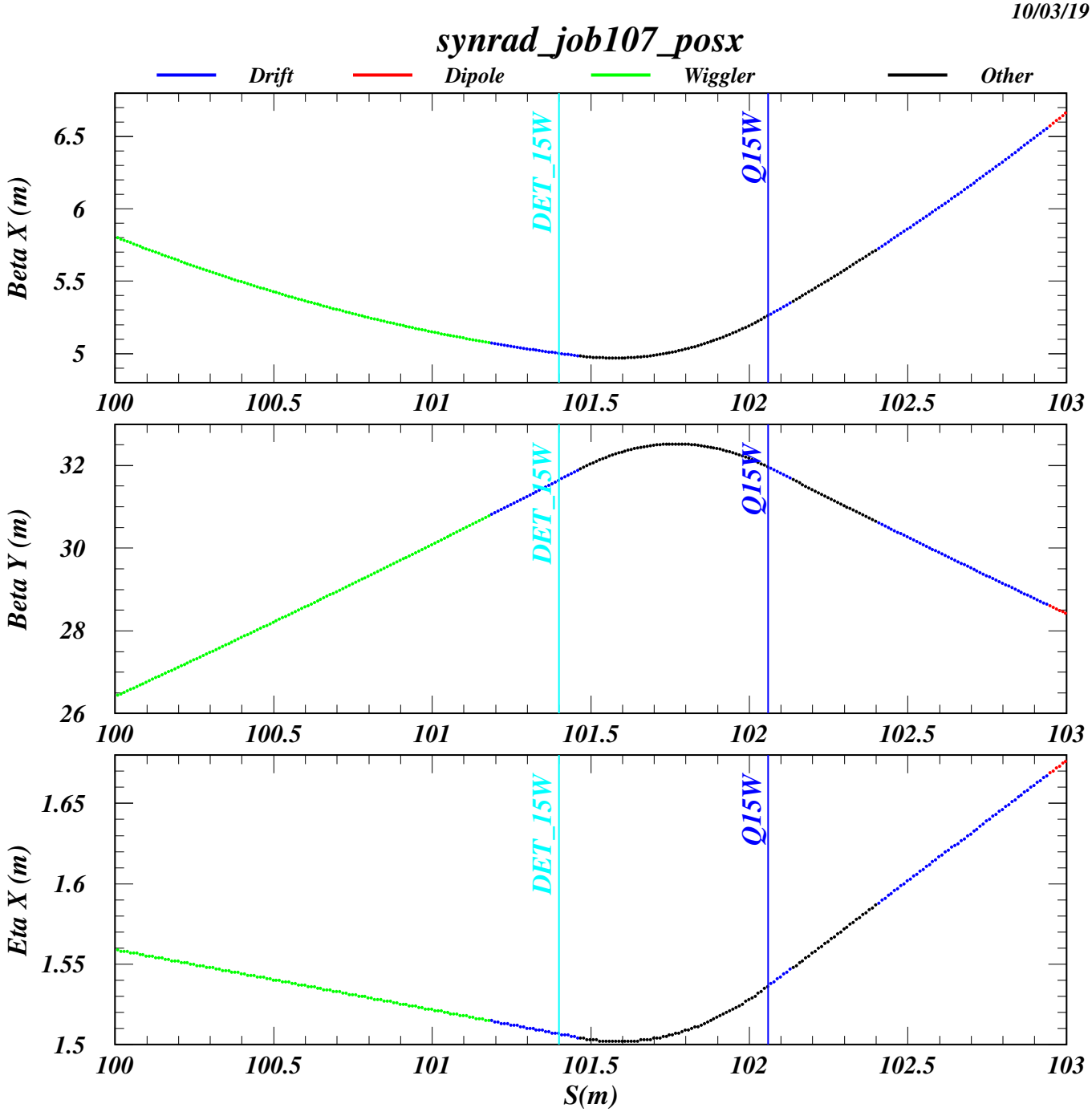
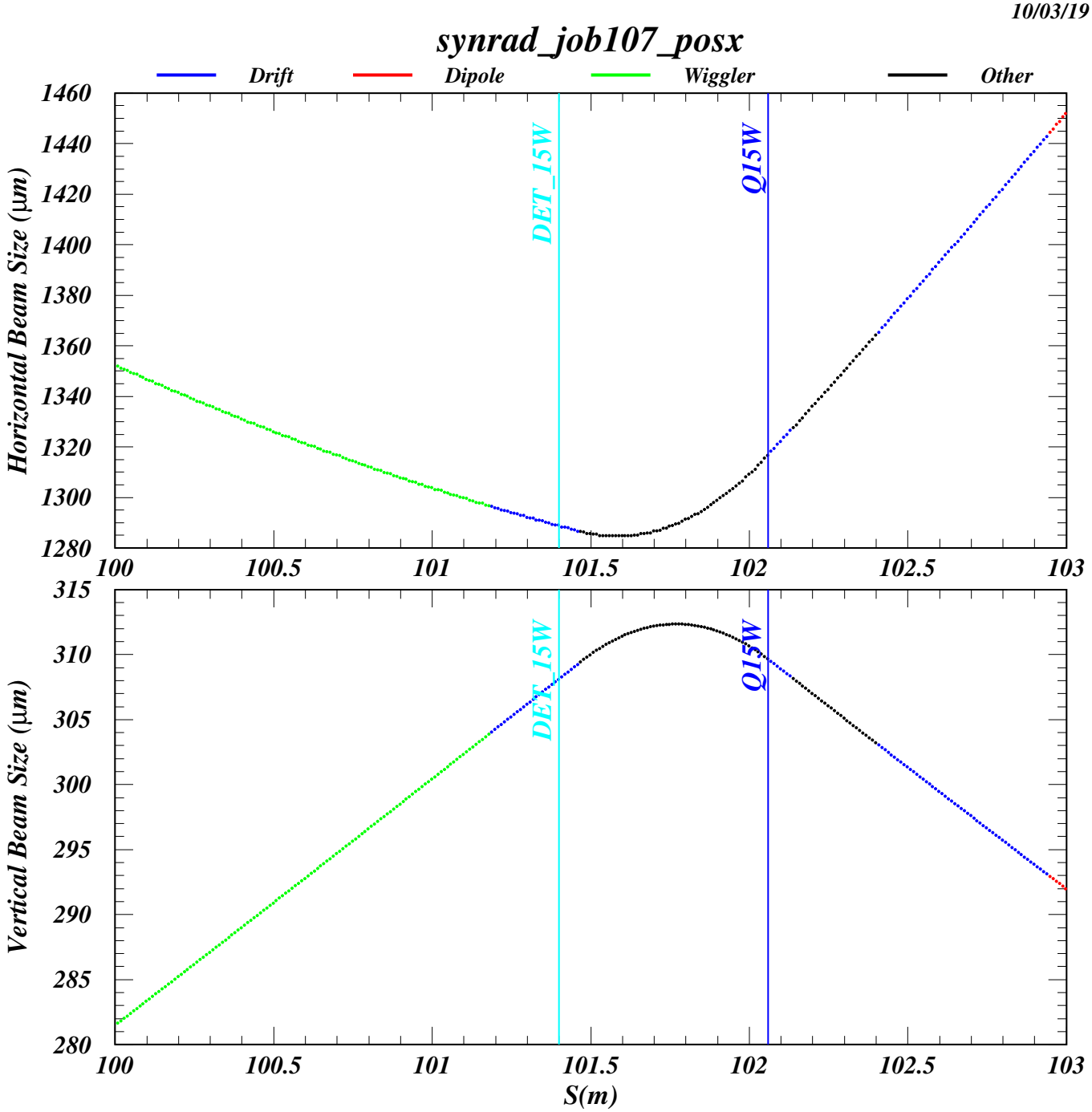
10/03/19 15.13


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
DET_15W
Q15W
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
100
100.5
101
101.5
102
102.5
103
Power (W/m) for 100 mA Beam Current
160
140
120
100
80
60
40
S(m)

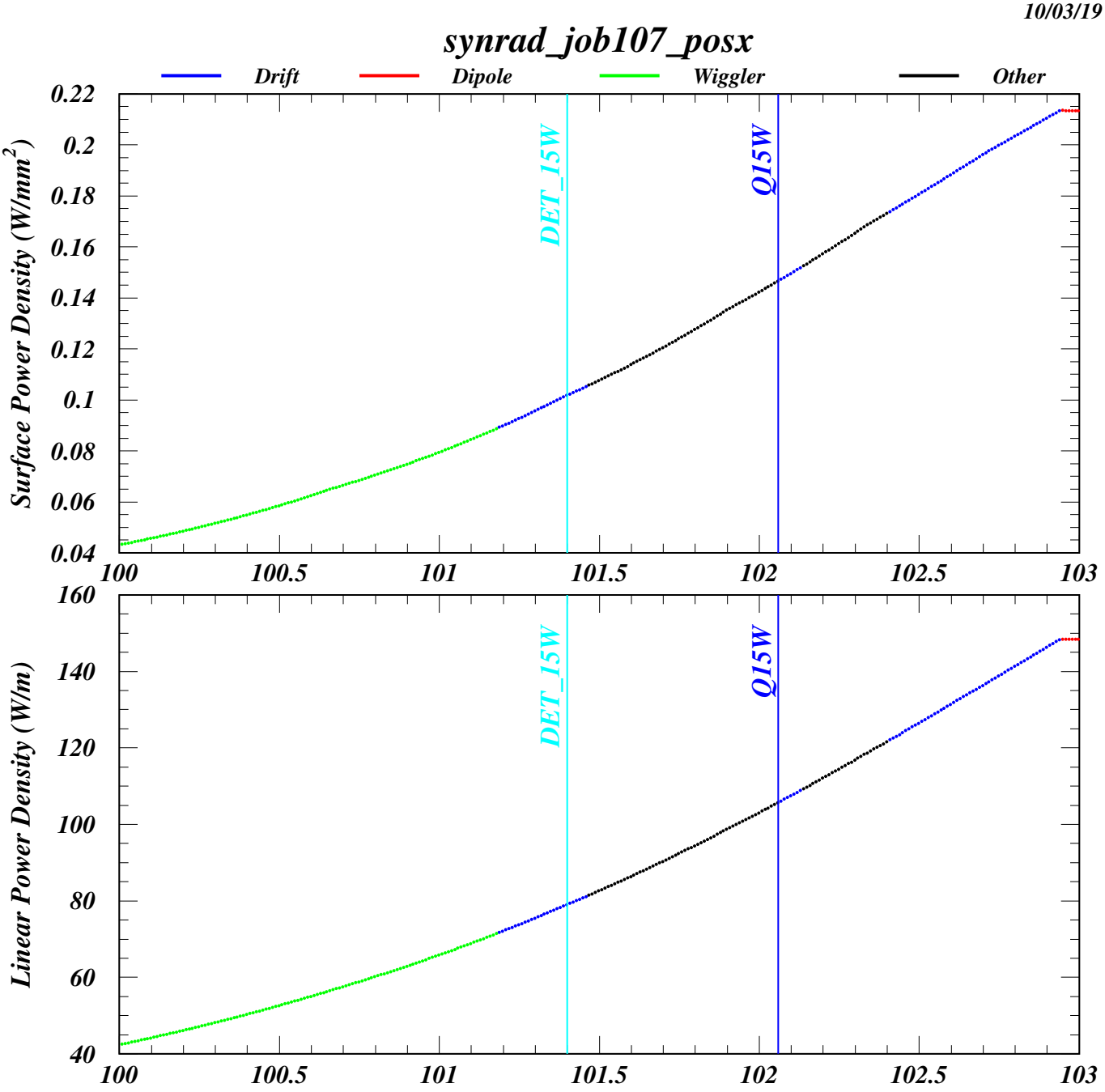
10/03/19 15.13


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
DET_15W
Q15W
S(m)

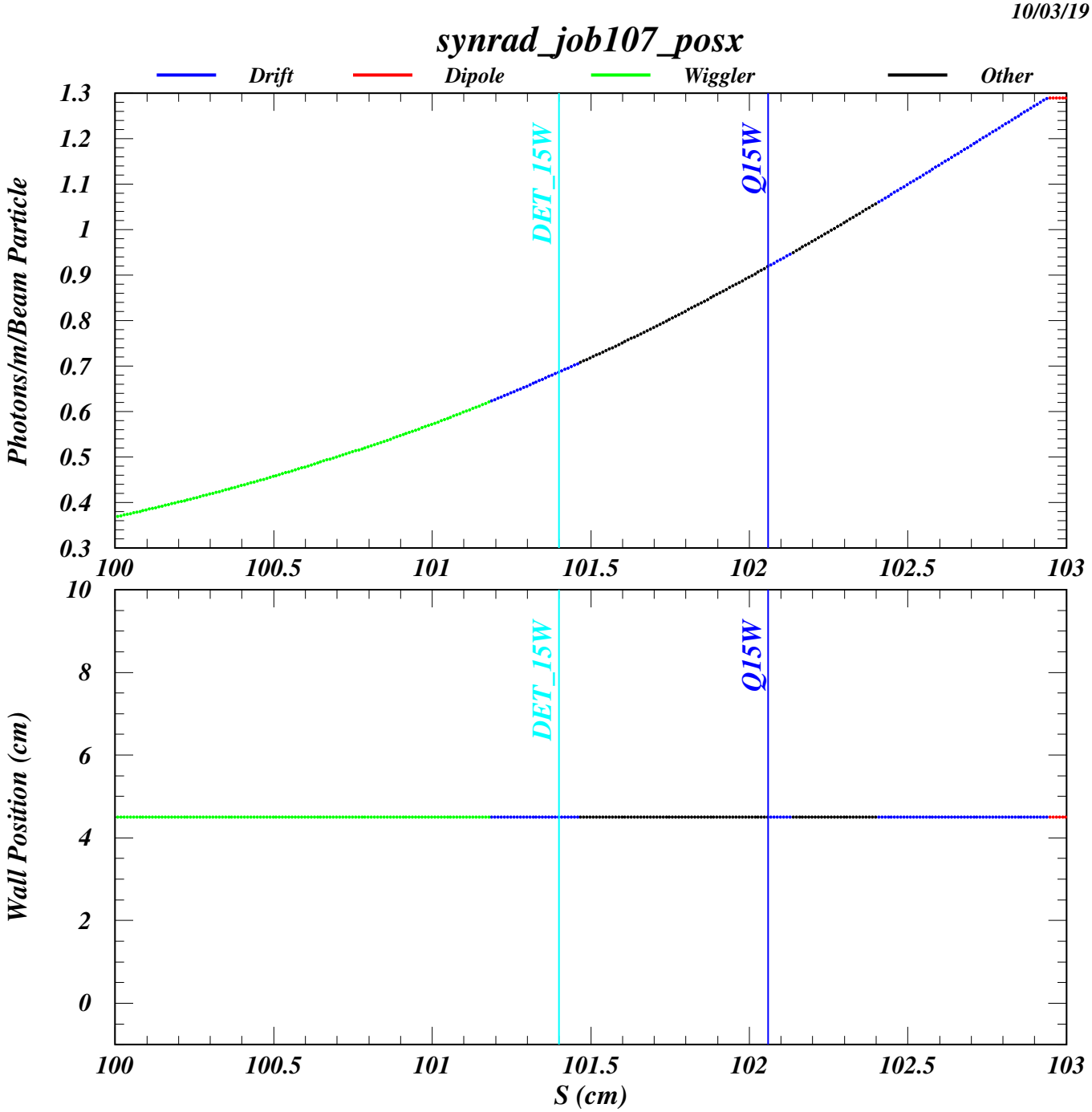
10/03/19 15.13


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1460
1440
1420
1400
1380
1360
1340
1320
1300
1280
DET_15W
Q15W
100
100.5
101
101.5
102
102.5
103
Vertical Beam Size (μm)
315
310
305
300
295
290
285
280
S(m)

10/03/19 15.13


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
DET_15W
Q15W
100
100.5
101
101.5
102
102.5
103
Linear Power Density (W/m)
160
140
120
100
80
60
40
DET_15W
Q15W
100
100.5
101
101.5
102
102.5
103

10/03/19 15.13


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
DET_15W
Q15W
100
100.5
101
101.5
102
102.5
103
Wall Position (cm)
10
8
6
4
2
0
S (cm)