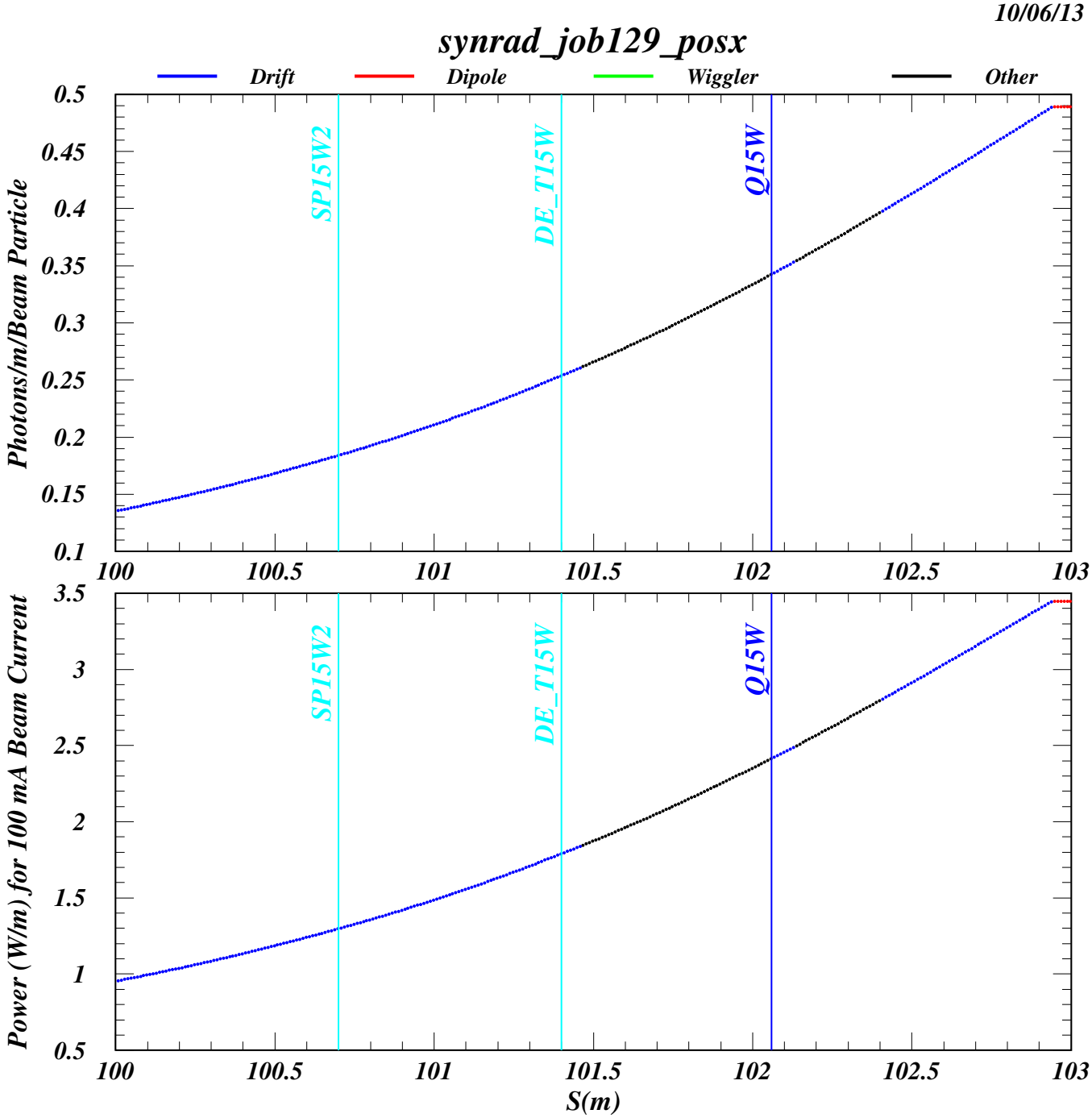
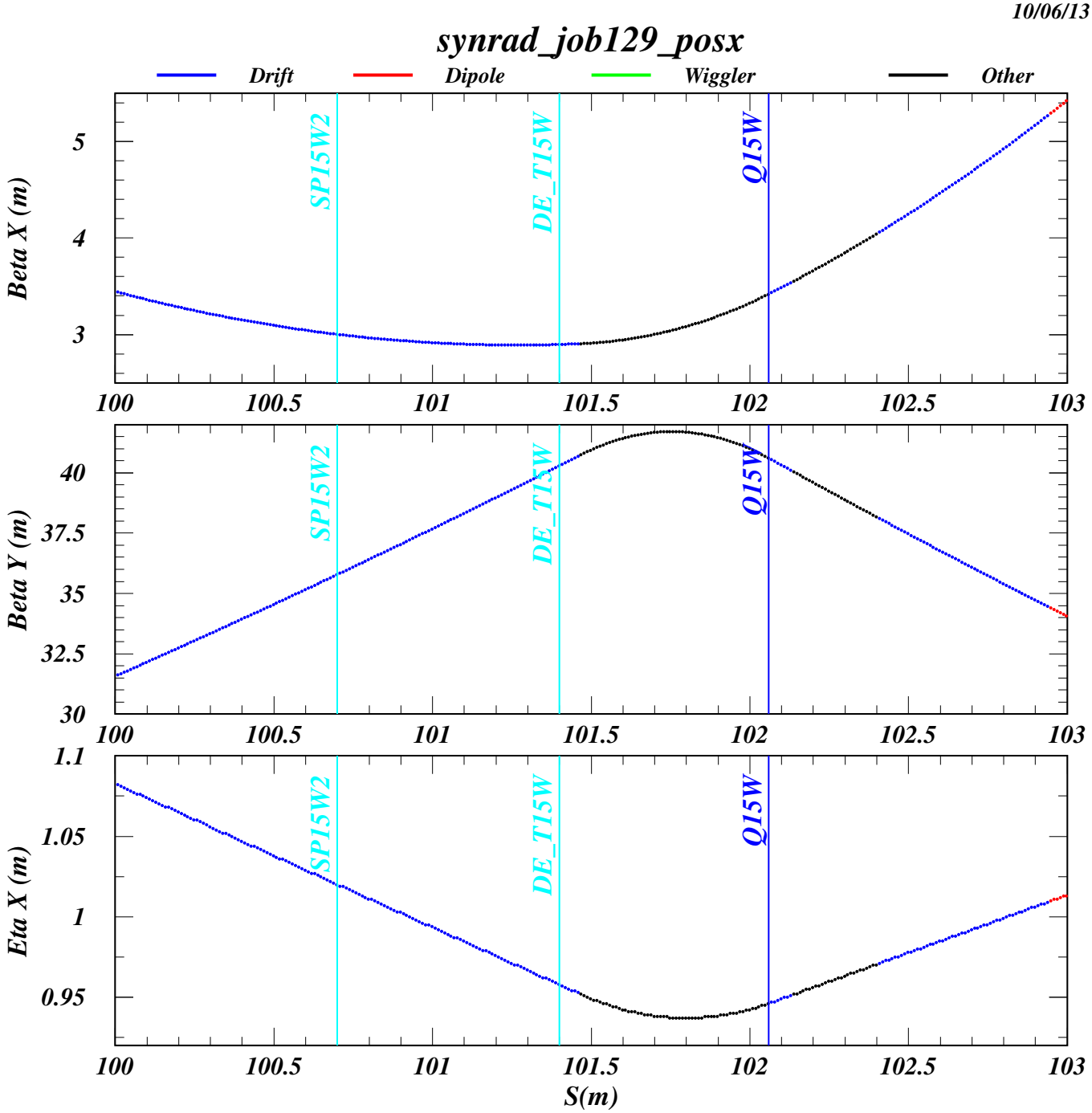
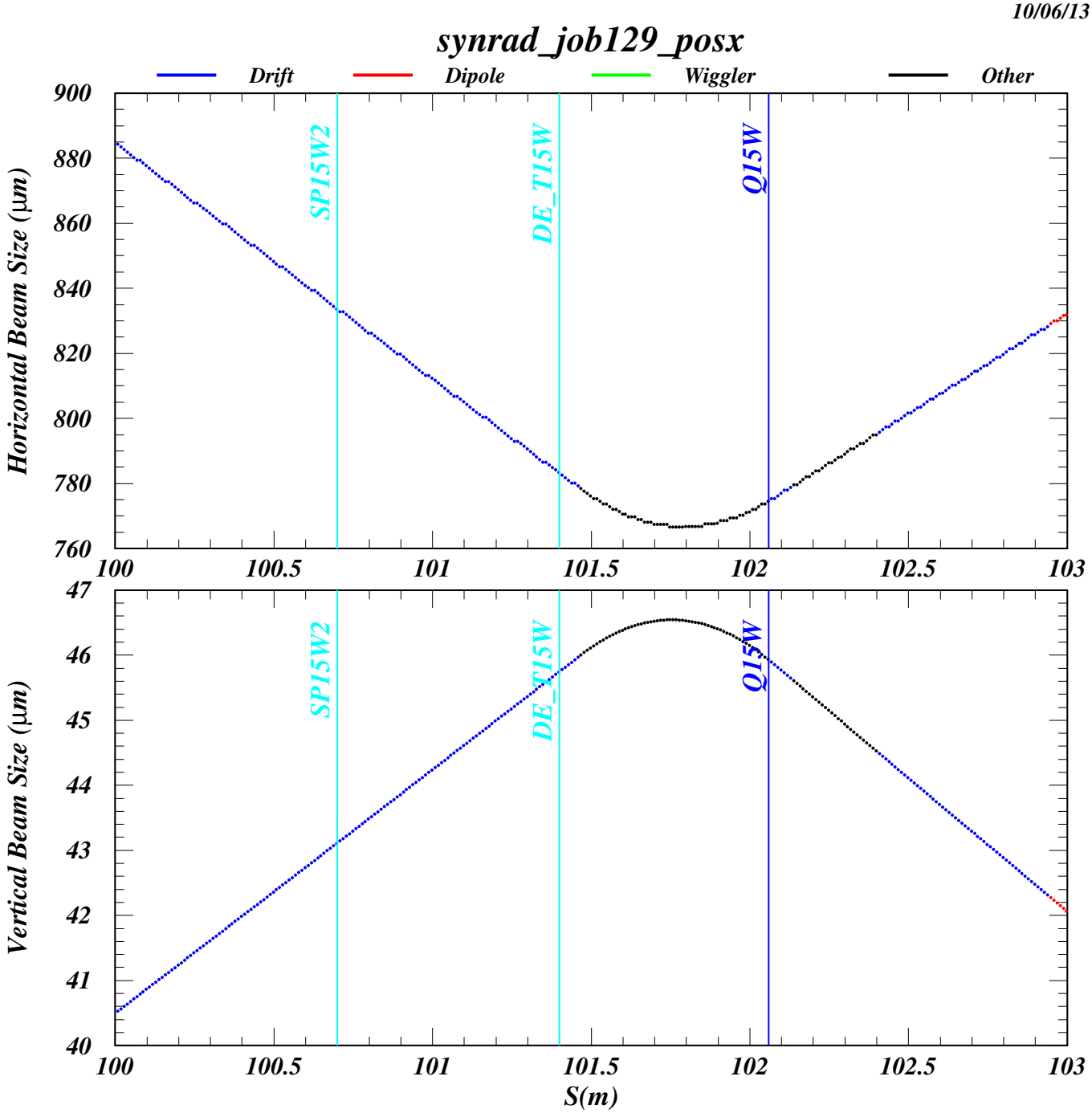
10/06/13 19.30

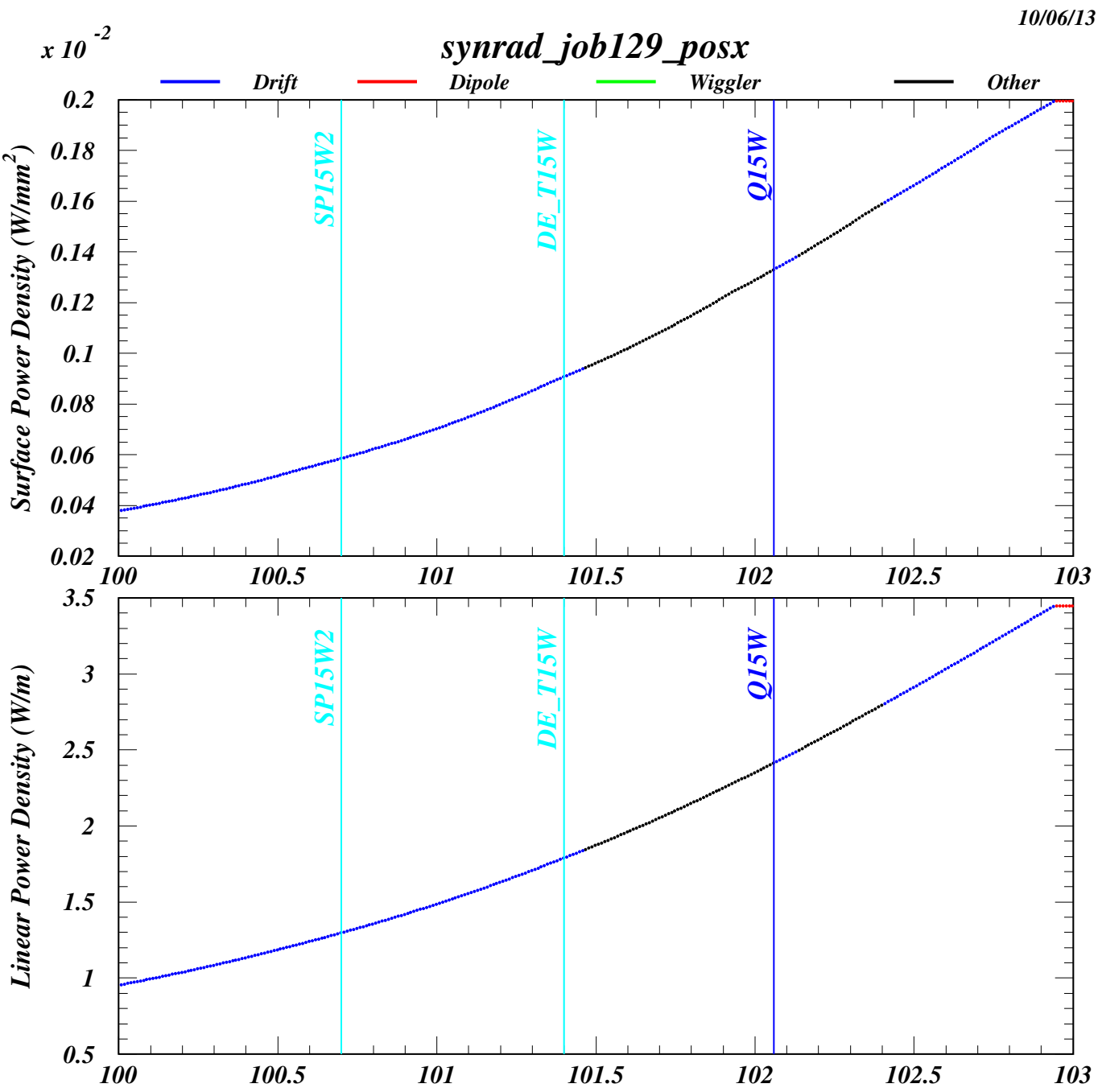

synrad_job129_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S(m)
SP15W2
DE_T15W
Q15W
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
3.5
3
2.5
2
1.5
1
0.5
100
100.5
101
101.5
102
102.5
103

10/06/13 19.30

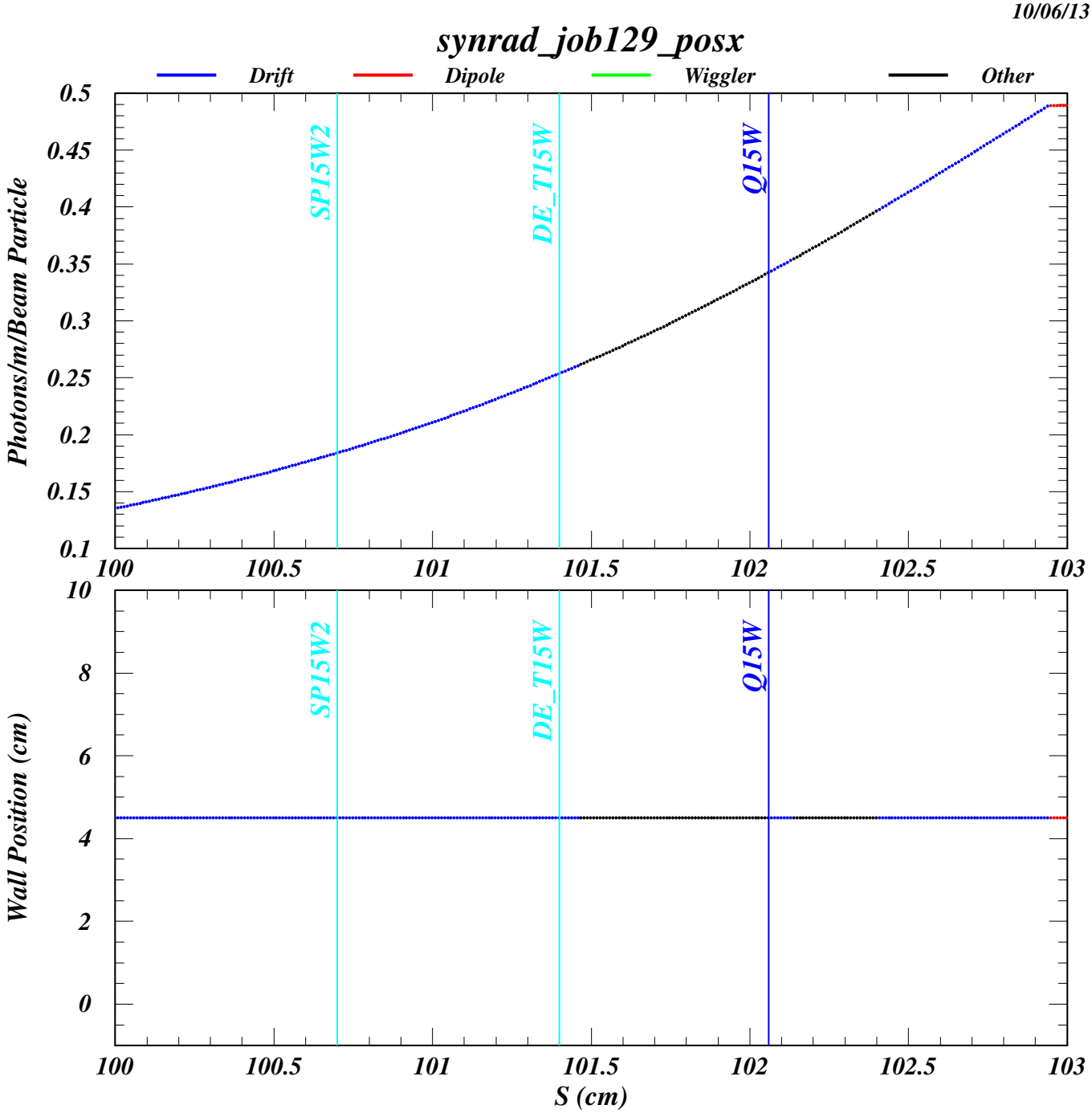

synrad_job129_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
SP15W2
DE_T15W
Q15W
S(m)

10/06/13 19.30


synrad_job129_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
900
880
860
840
820
800
780
760
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Vertical Beam Size (μm)
47
46
45
44
43
42
41
40
S(m)


10/06/13 19.30
synrad_job129_posx
x 10 -2
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm2)
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Linear Power Density (W/m)
3.5
3
2.5
2
1.5
1
0.5
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103

10/06/13 19.30


synrad_job129_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Wall Position (cm)
10
8
6
4
2
0
S (cm)