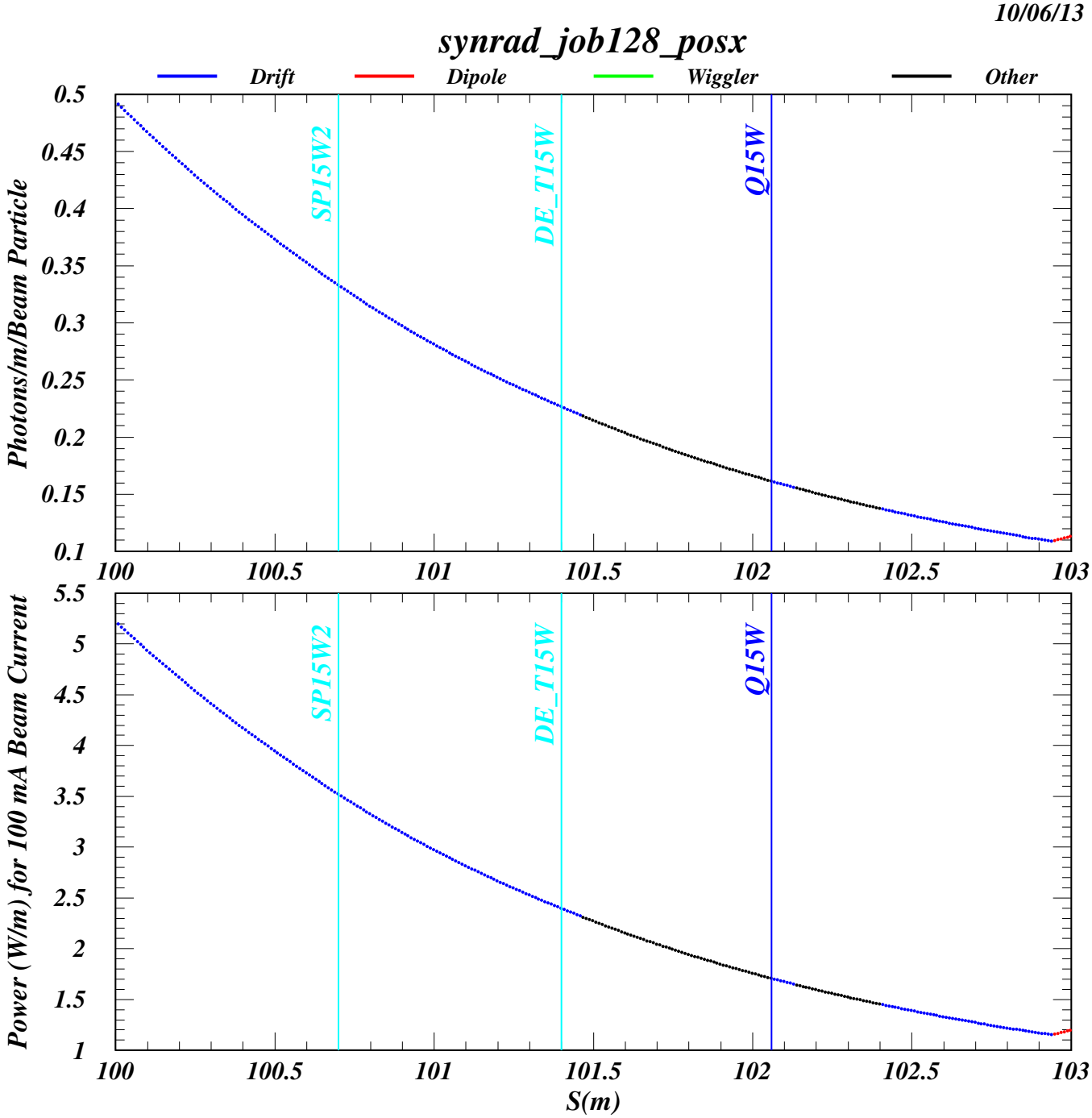
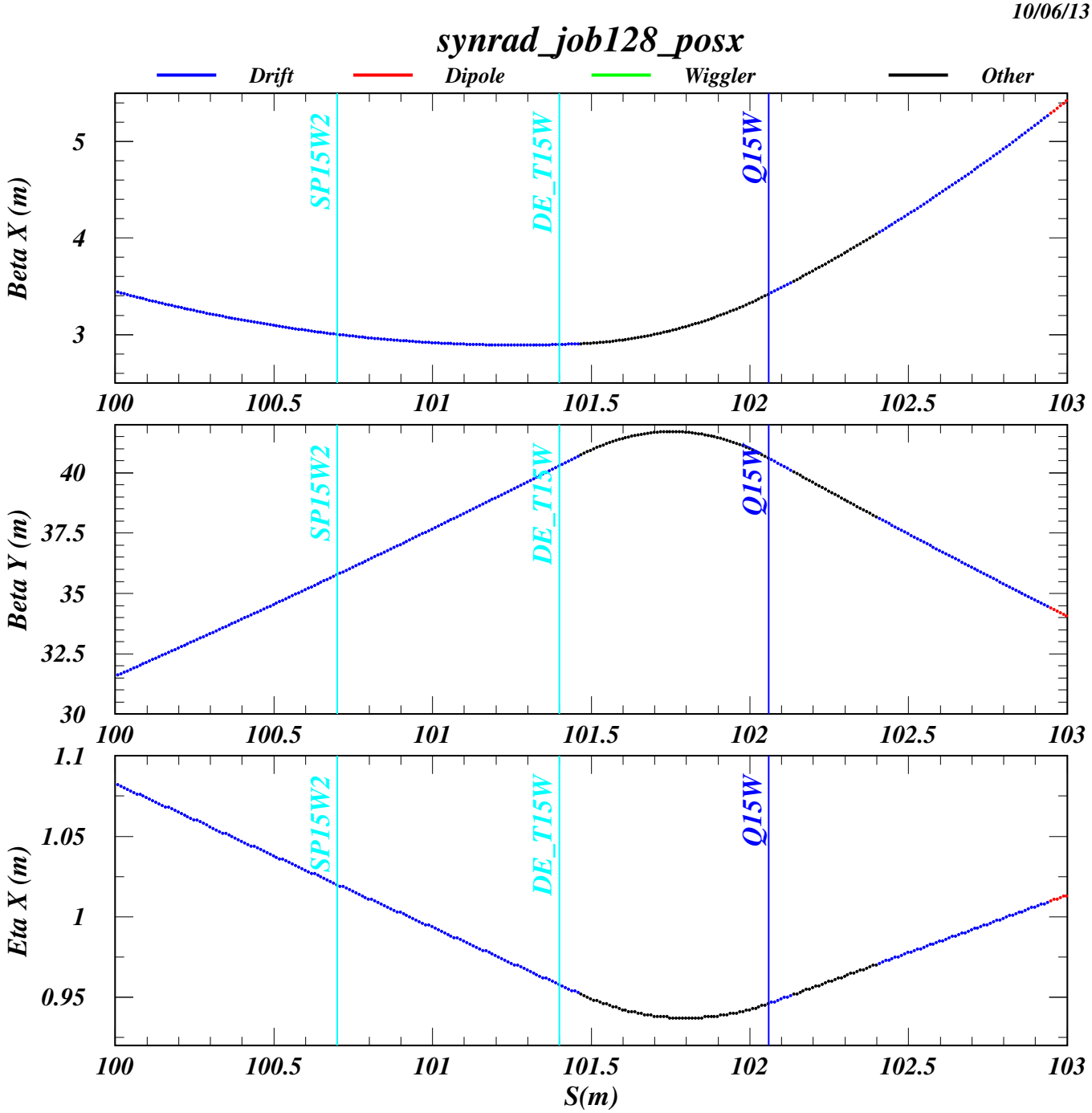
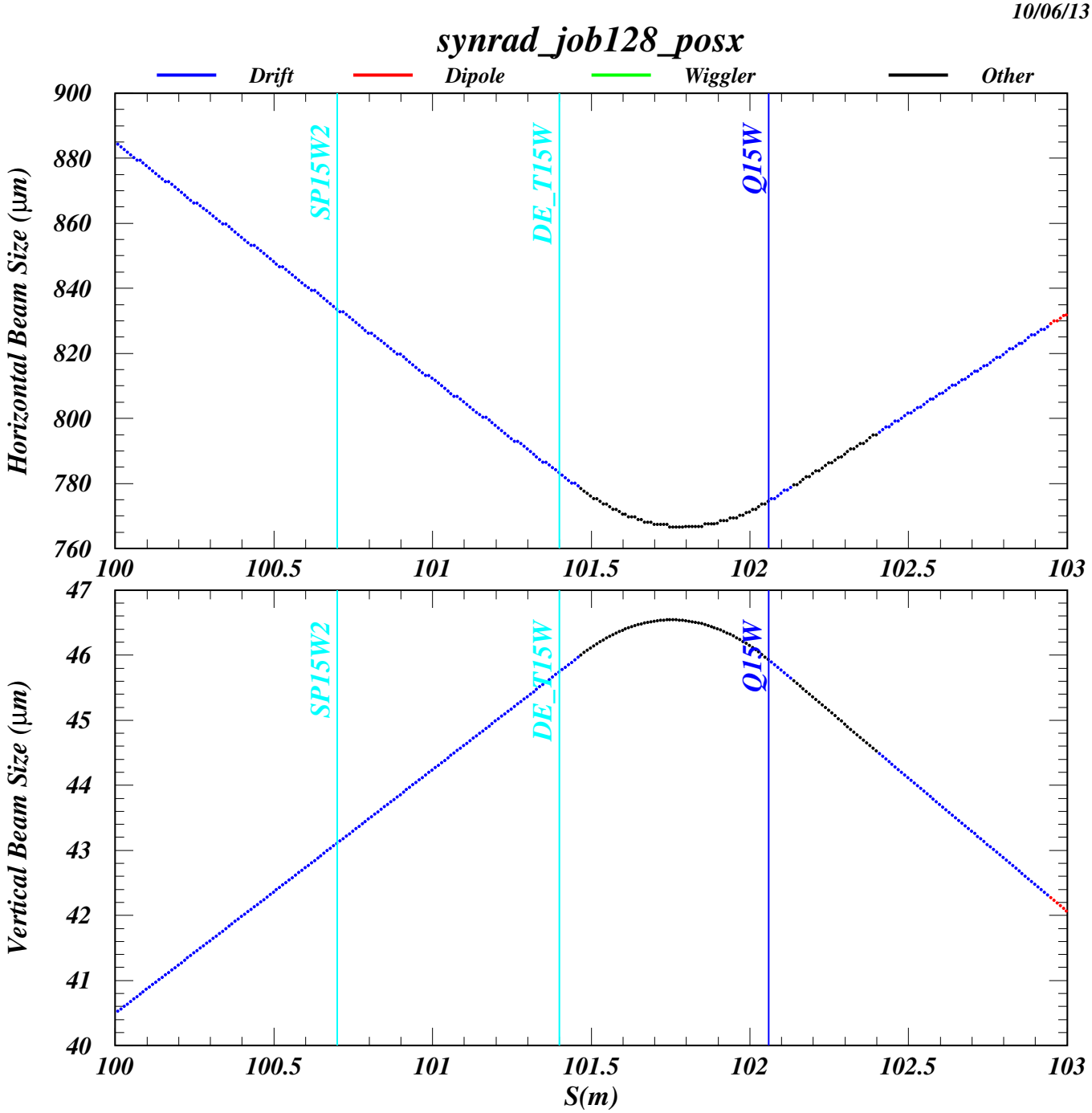
10/06/13 19.15

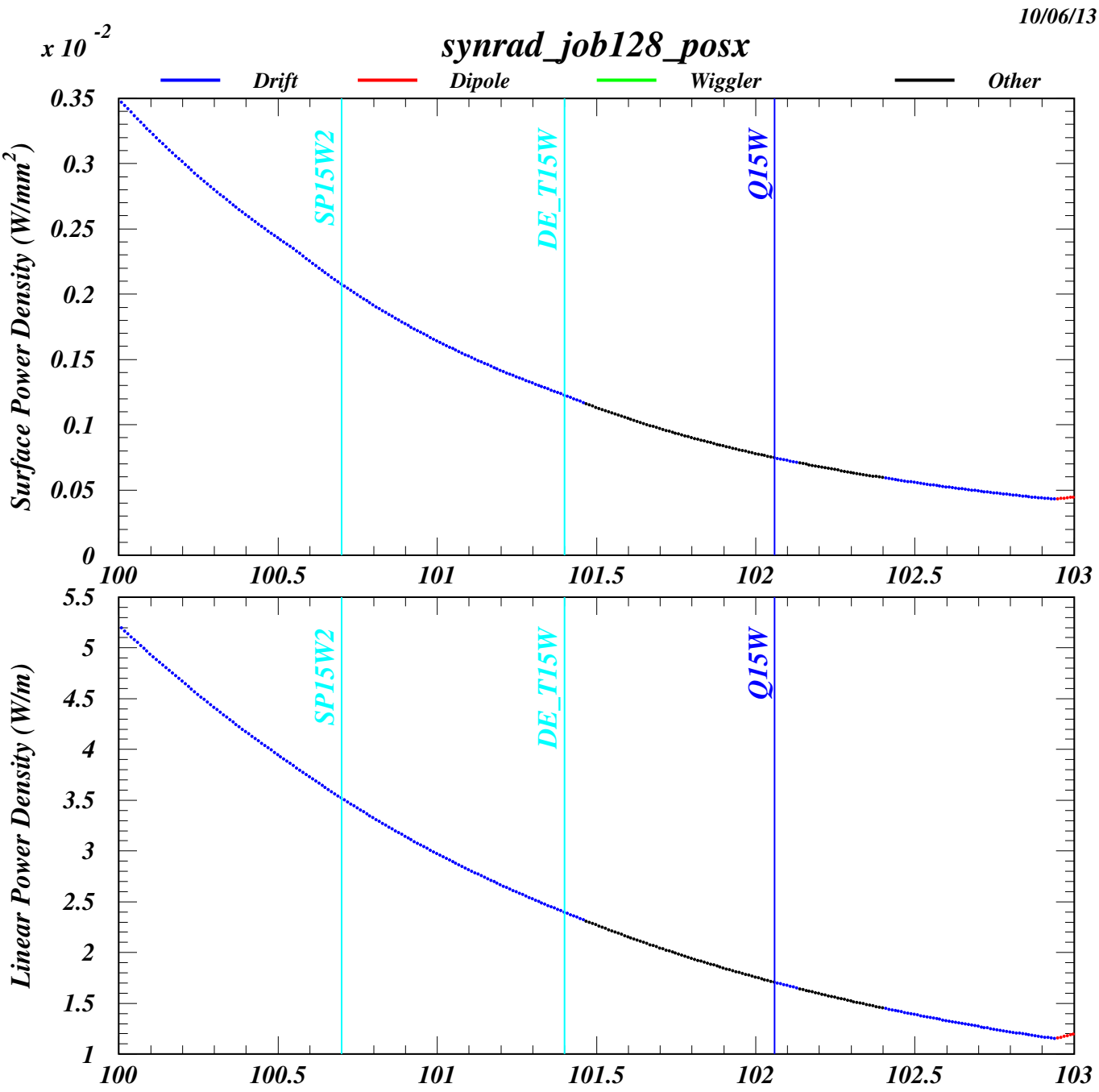

synrad_job128_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Power (W/m) for 100 mA Beam Current
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
S(m)

10/06/13 19.15


synrad_job128_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
SP15W2
DE_T15W
Q15W
S(m)

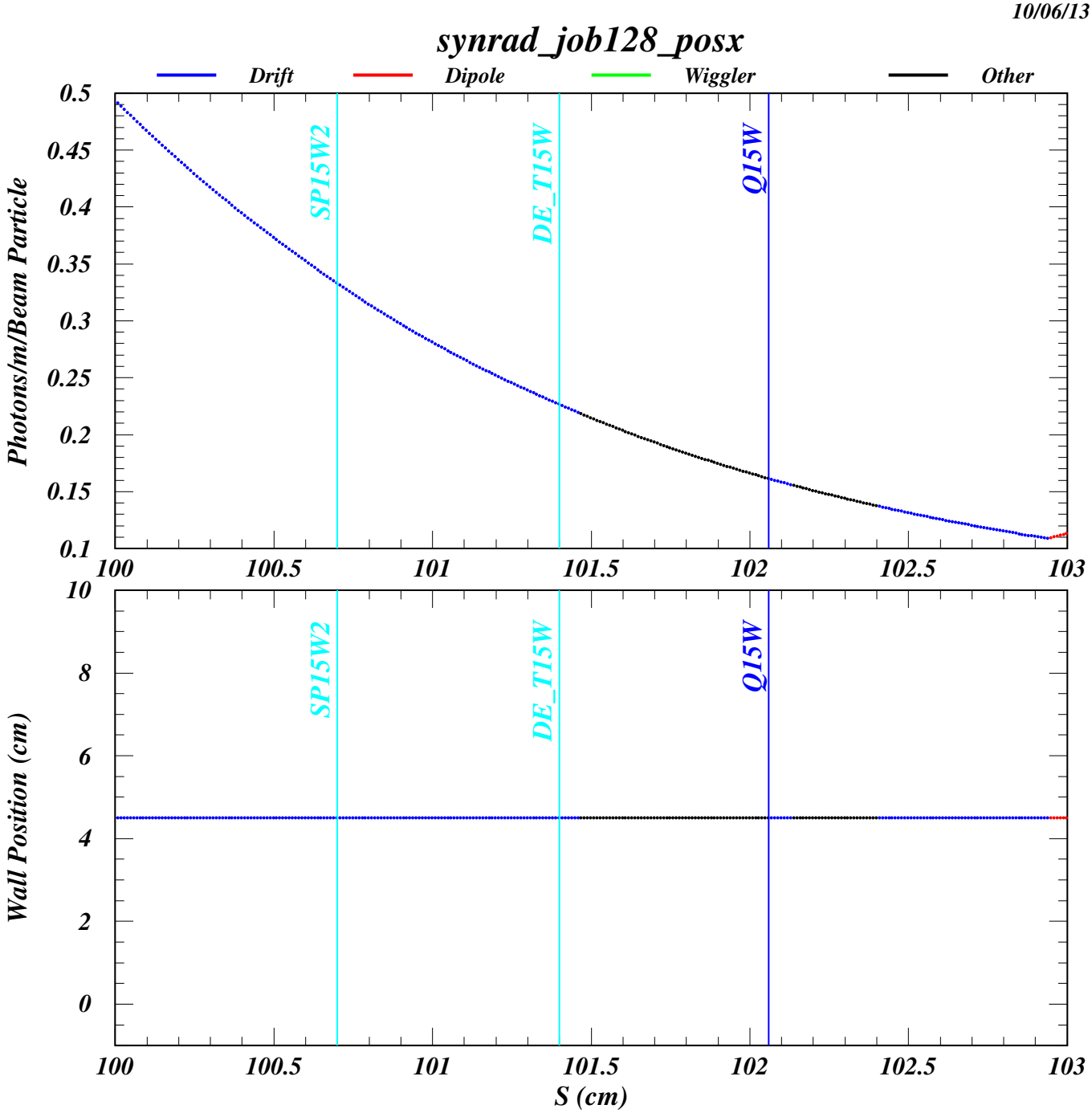
10/06/13 19.15


synrad_job128_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 19.15
synrad_job128_posx
x 10^-2
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
SP15W2
DE_T15W
Q15W
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
100
100.5
101
101.5
102
102.5
103
Linear Power Density (W/m)
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1

10/06/13 19.15


synrad_job128_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)