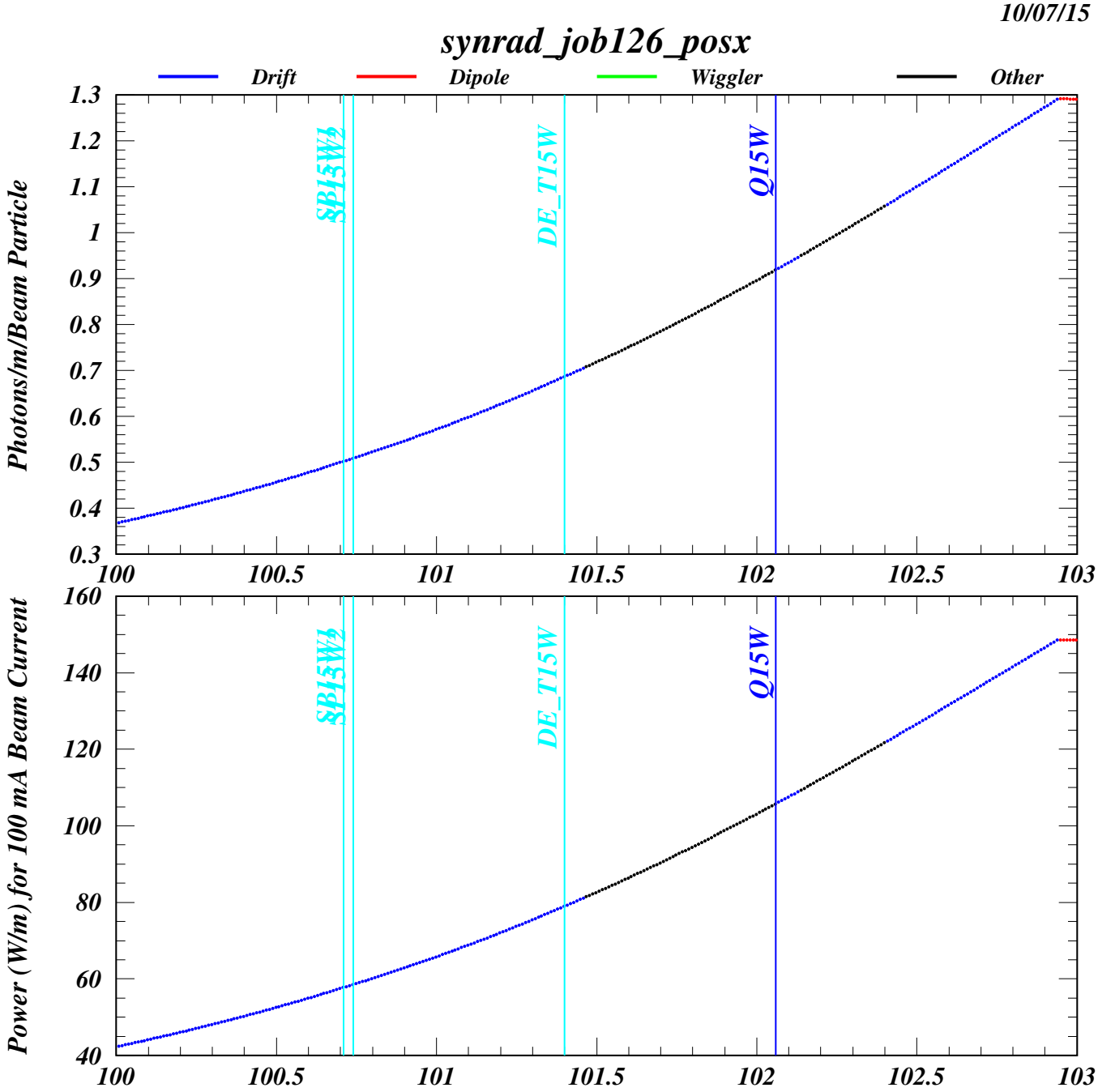
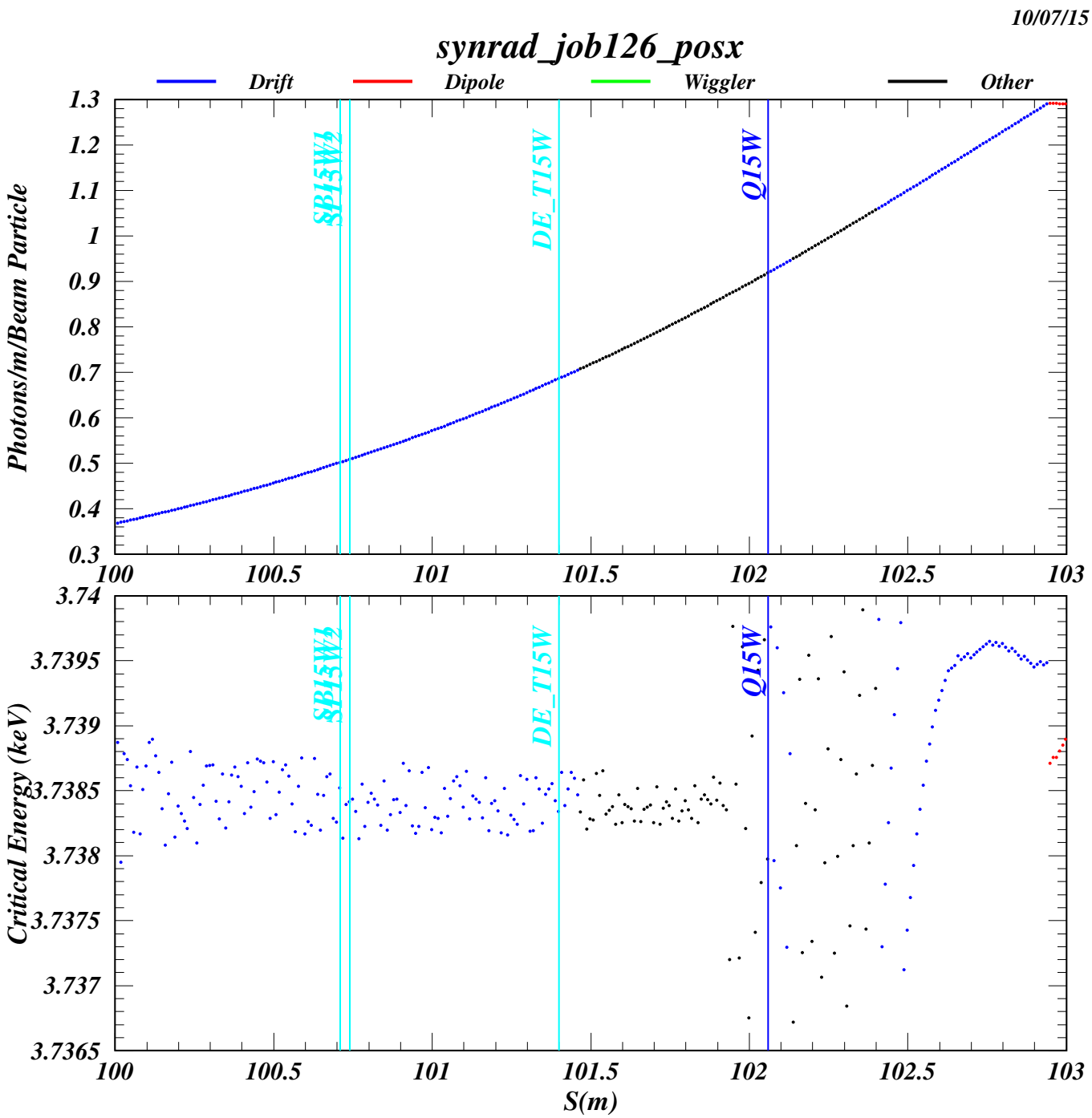
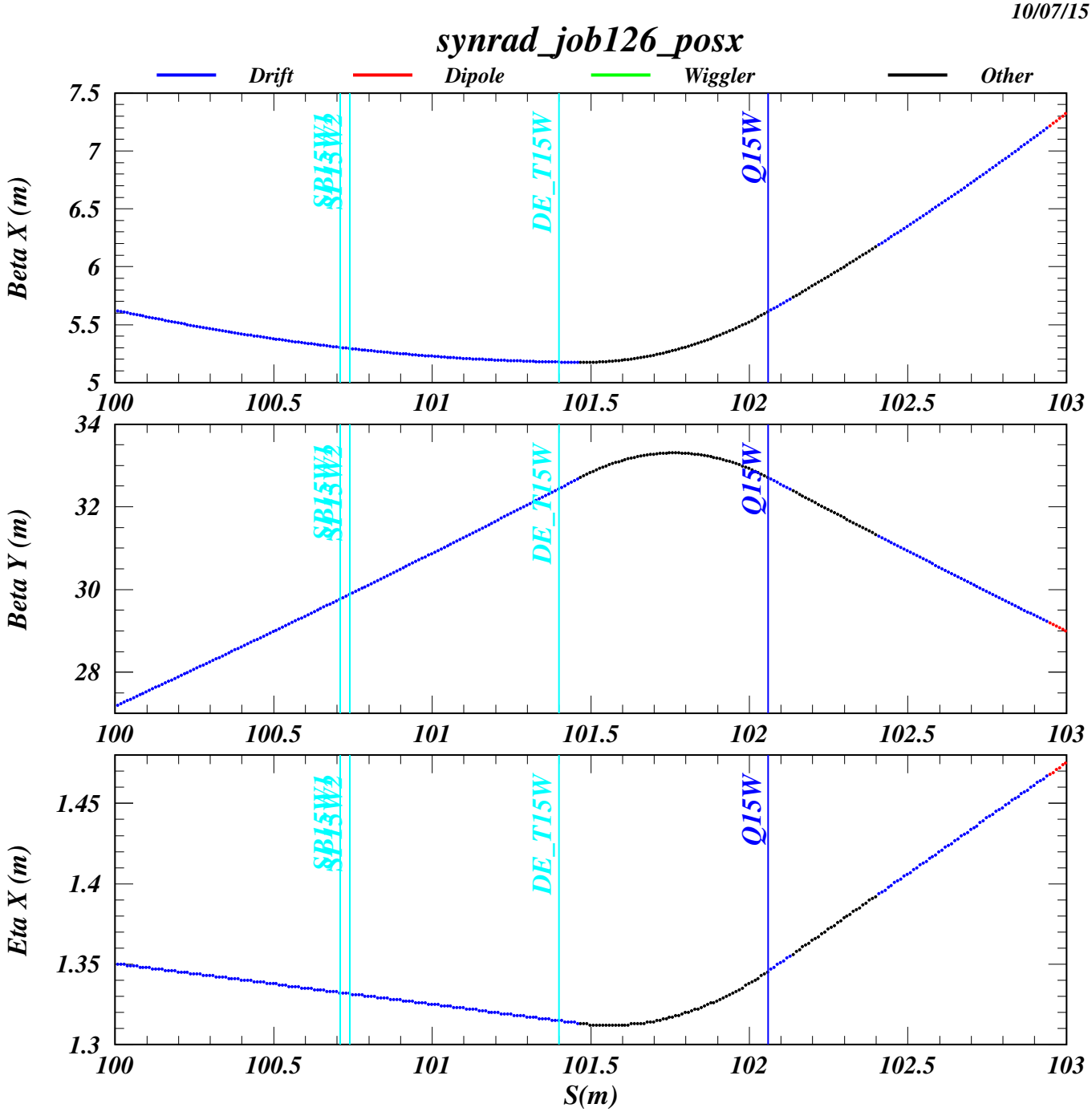
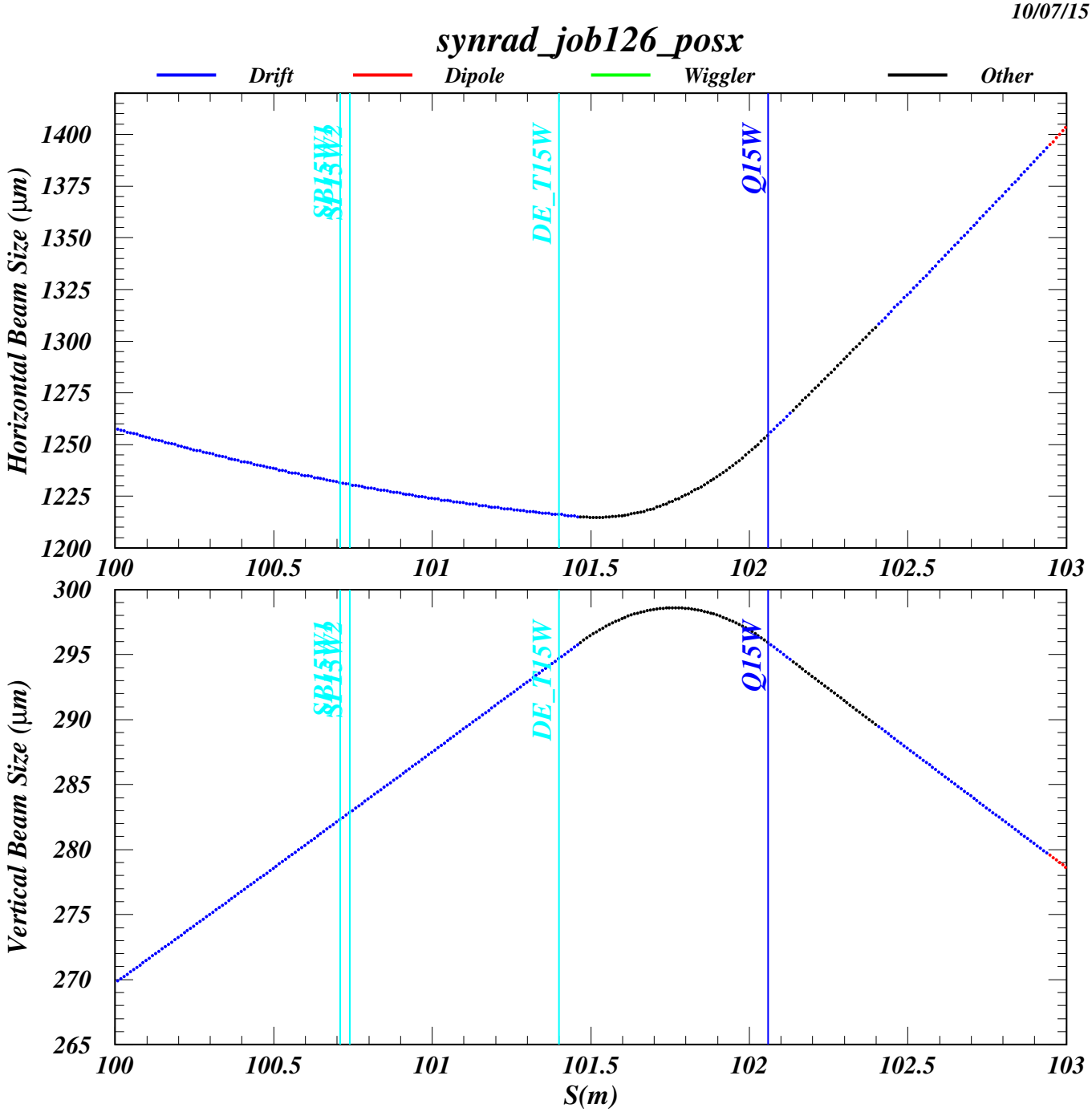
10/07/15 15.56


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
SB15W1
SB15W2
DE_T15W
Q15W
Power (W/m) for 100 mA Beam Current


10/07/15 15.56
synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
SB15W2
DE_T15W
Q15W
Critical Energy (keV)
S(m)


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
SB15W1
SB15W2
DE_T15W
Q15W


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1400
1375
1350
1325
1300
1275
1250
1225
1200
SB15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Vertical Beam Size (μm)
300
295
290
285
280
275
270
265
S(m)

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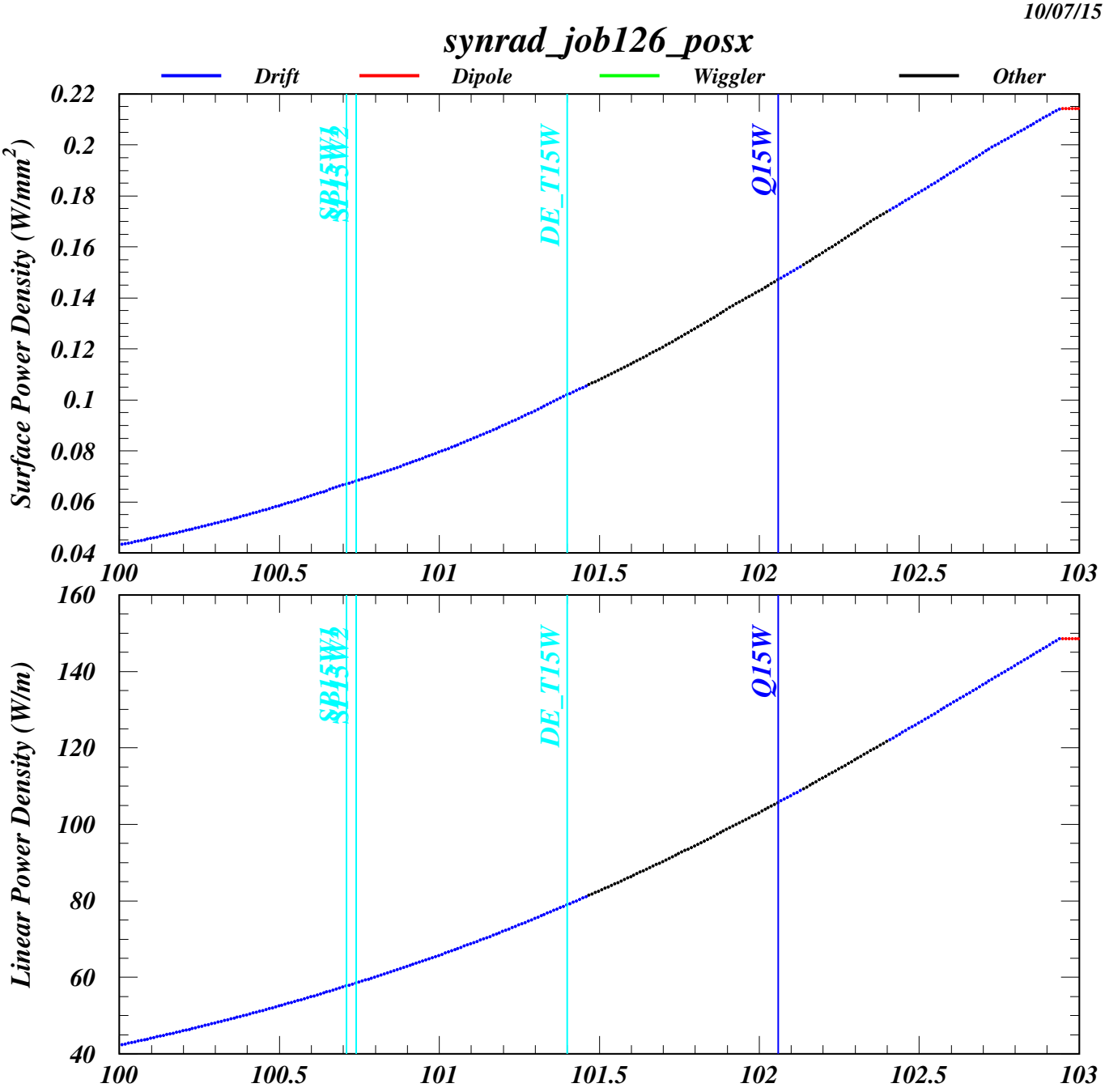
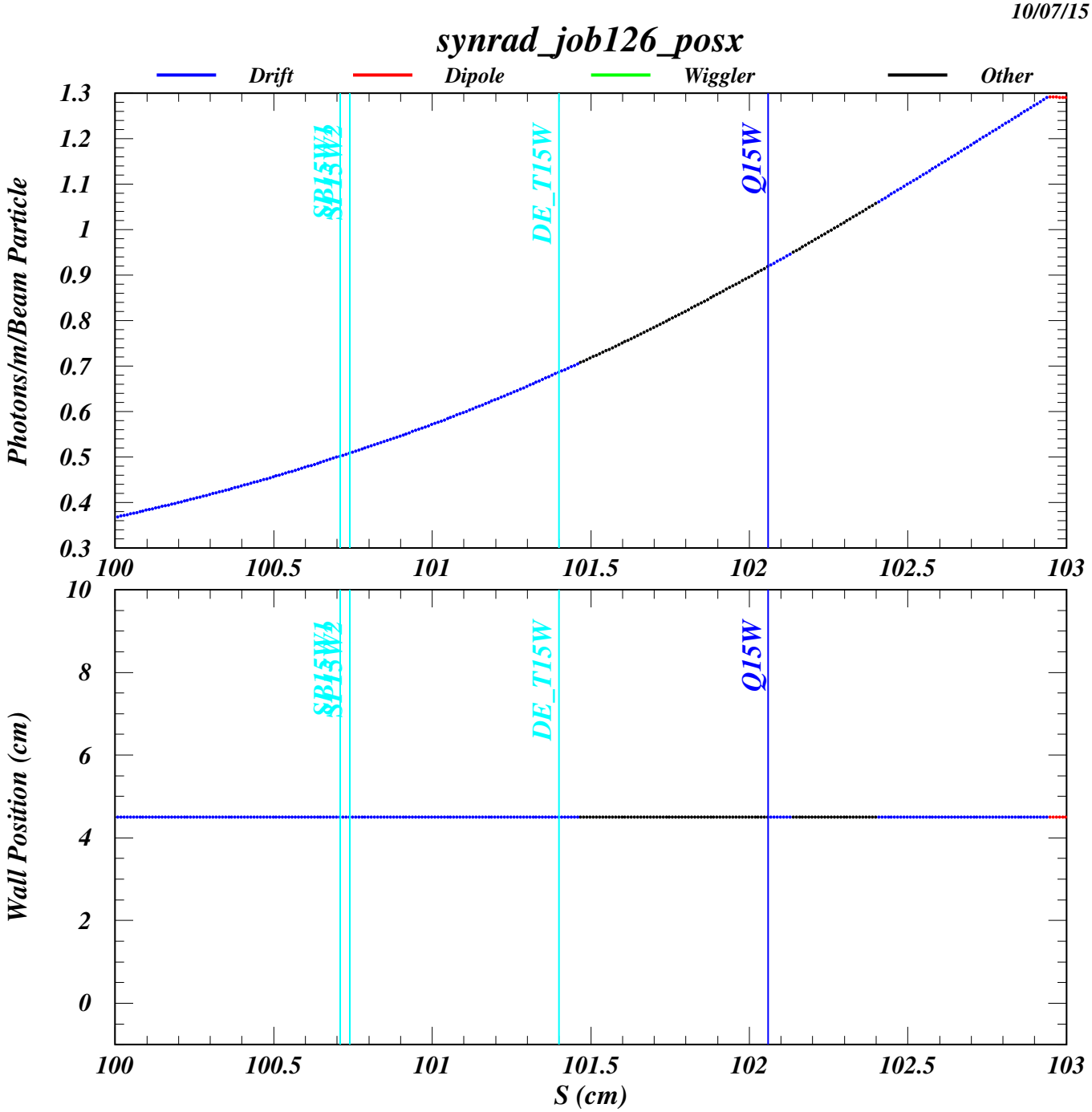

synrad_job126_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
Linear Power Density (W/m)
SB15W1
SB15W2
DE_T15W
Q15W
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
160
140
120
100
80
60
40
100
100.5
101
101.5
102
102.5
103

10/07/15 15.56


synrad_job126_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
SB15W1
SB15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Wall Position (cm)
10
8
6
4
2
0
S (cm)