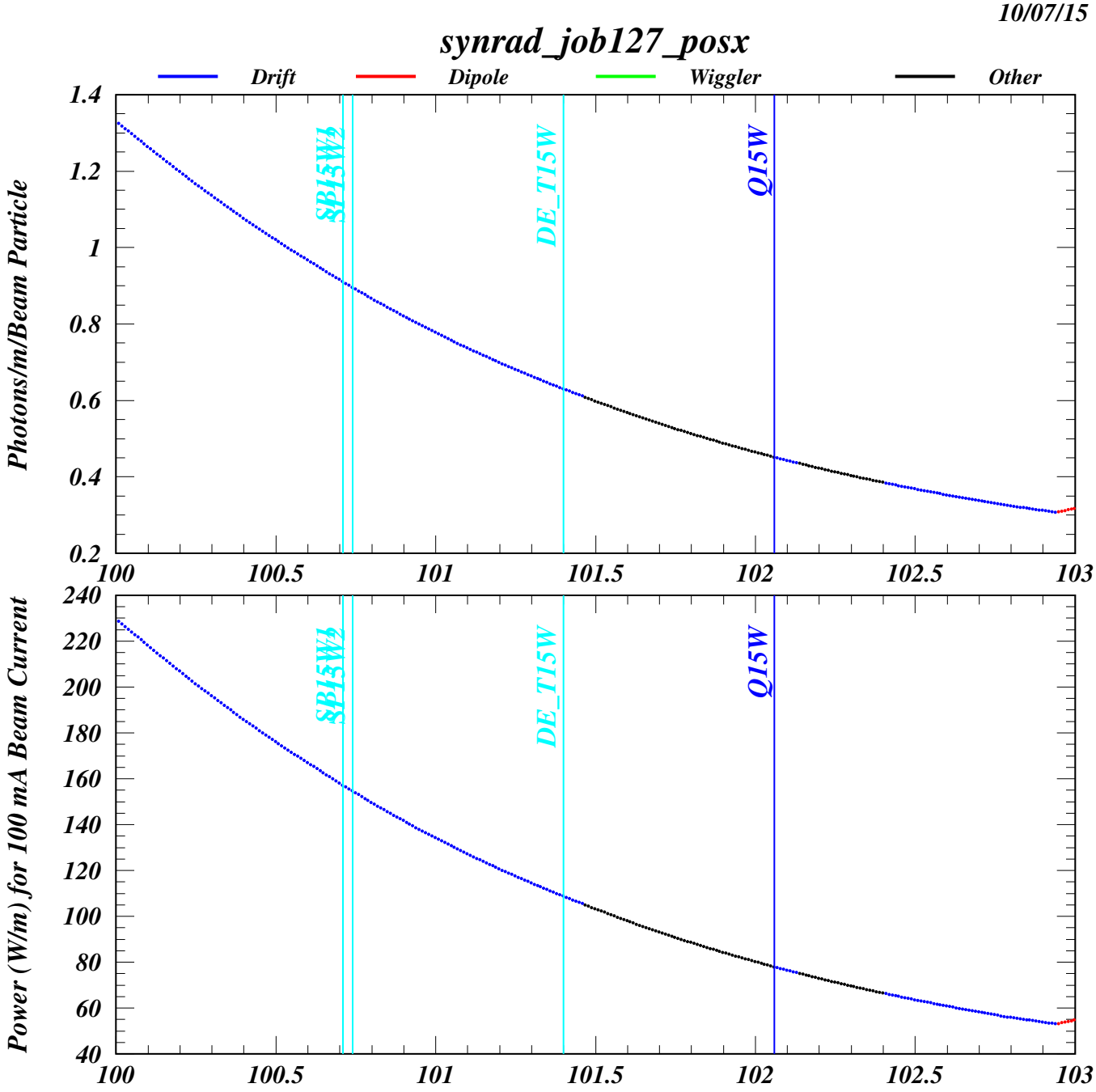
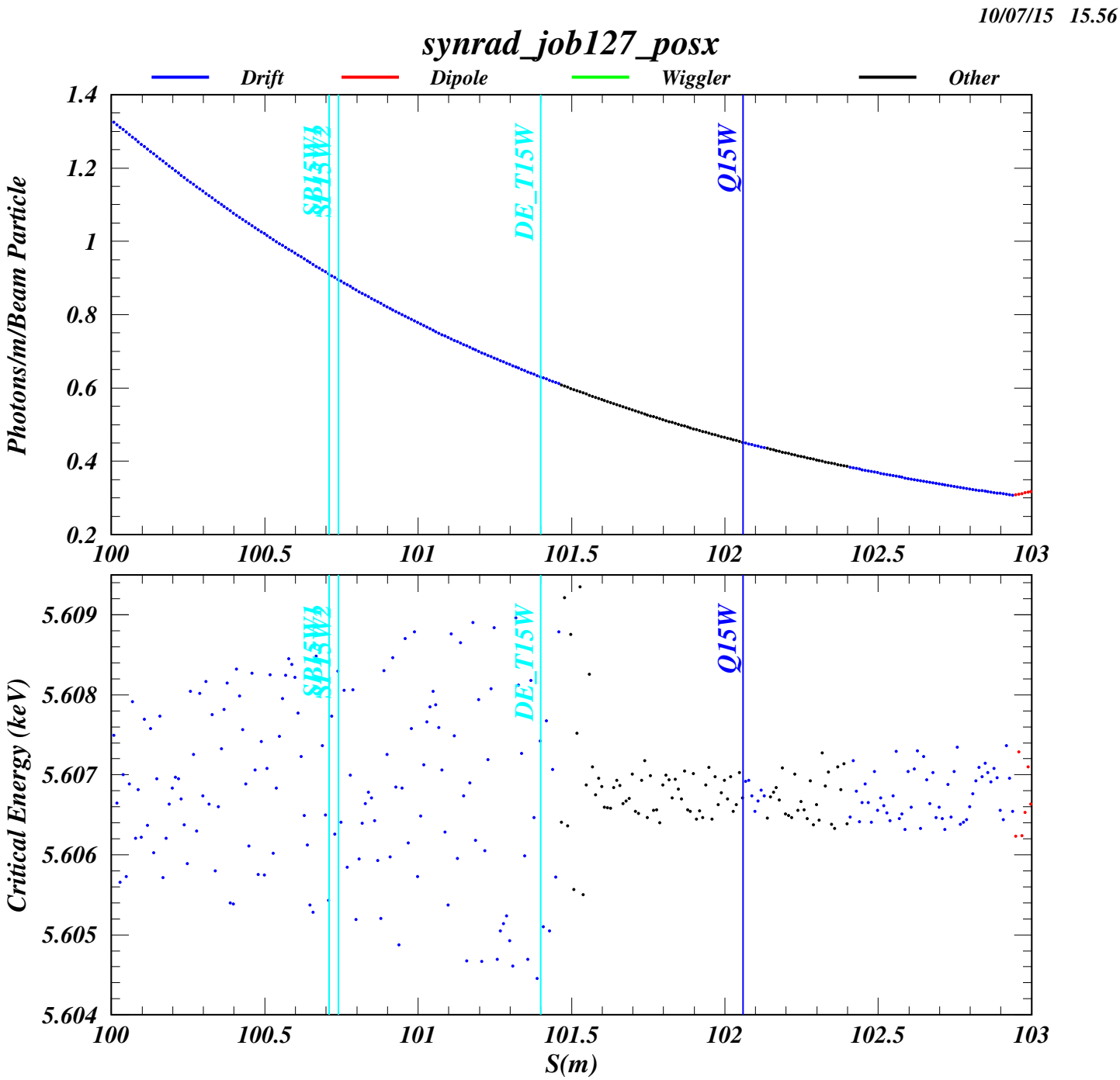
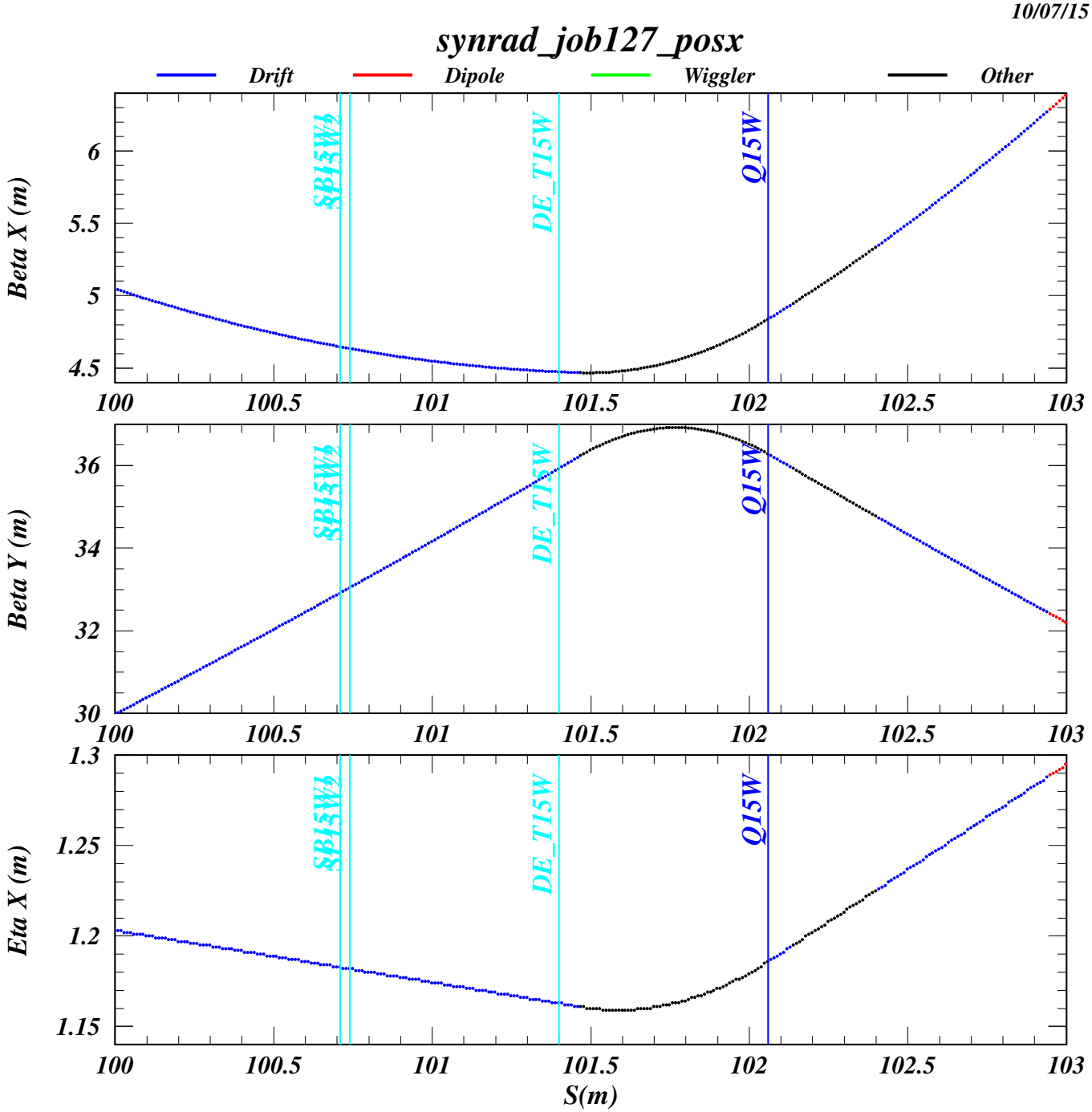
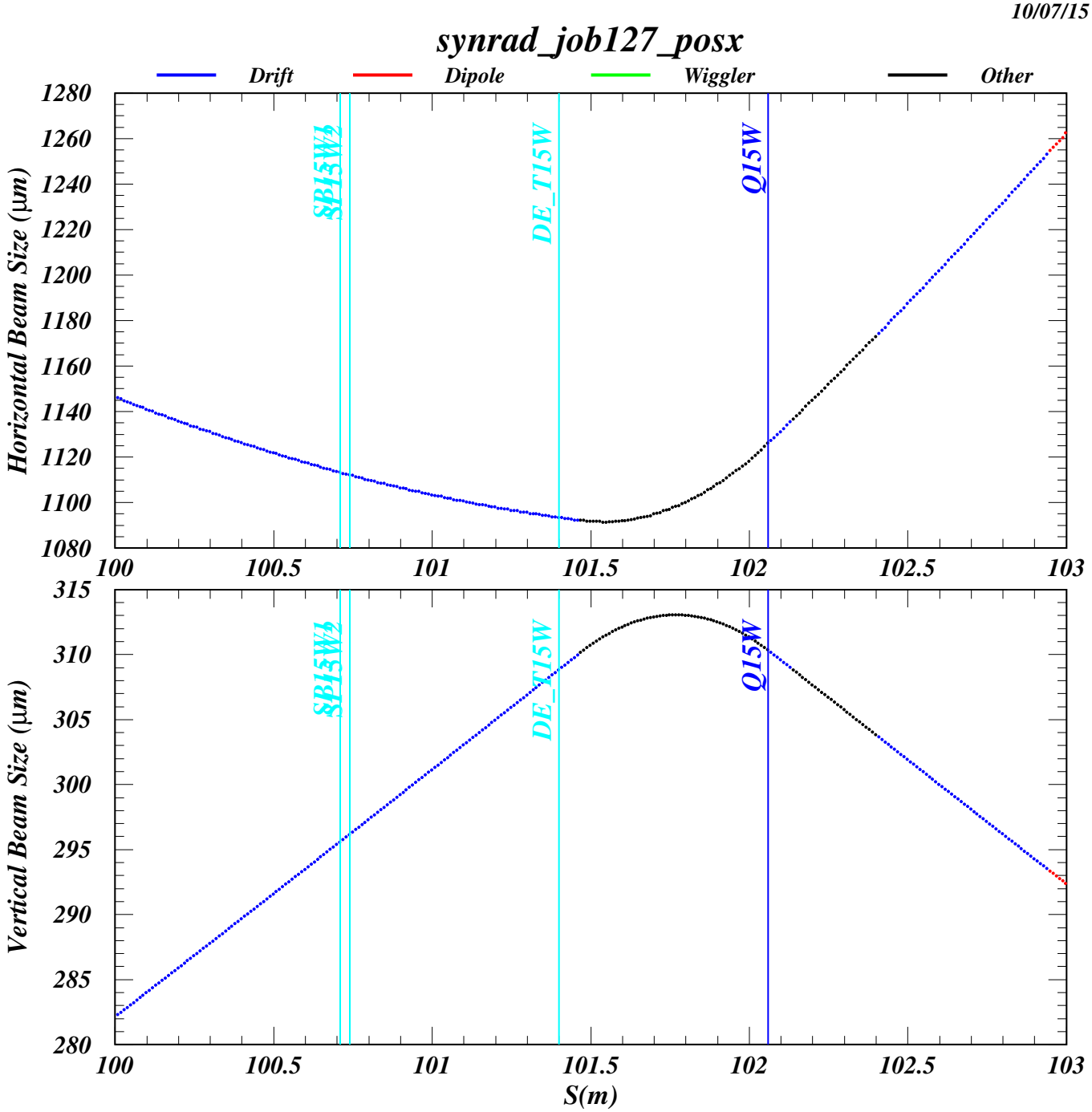
10/07/15 15.56

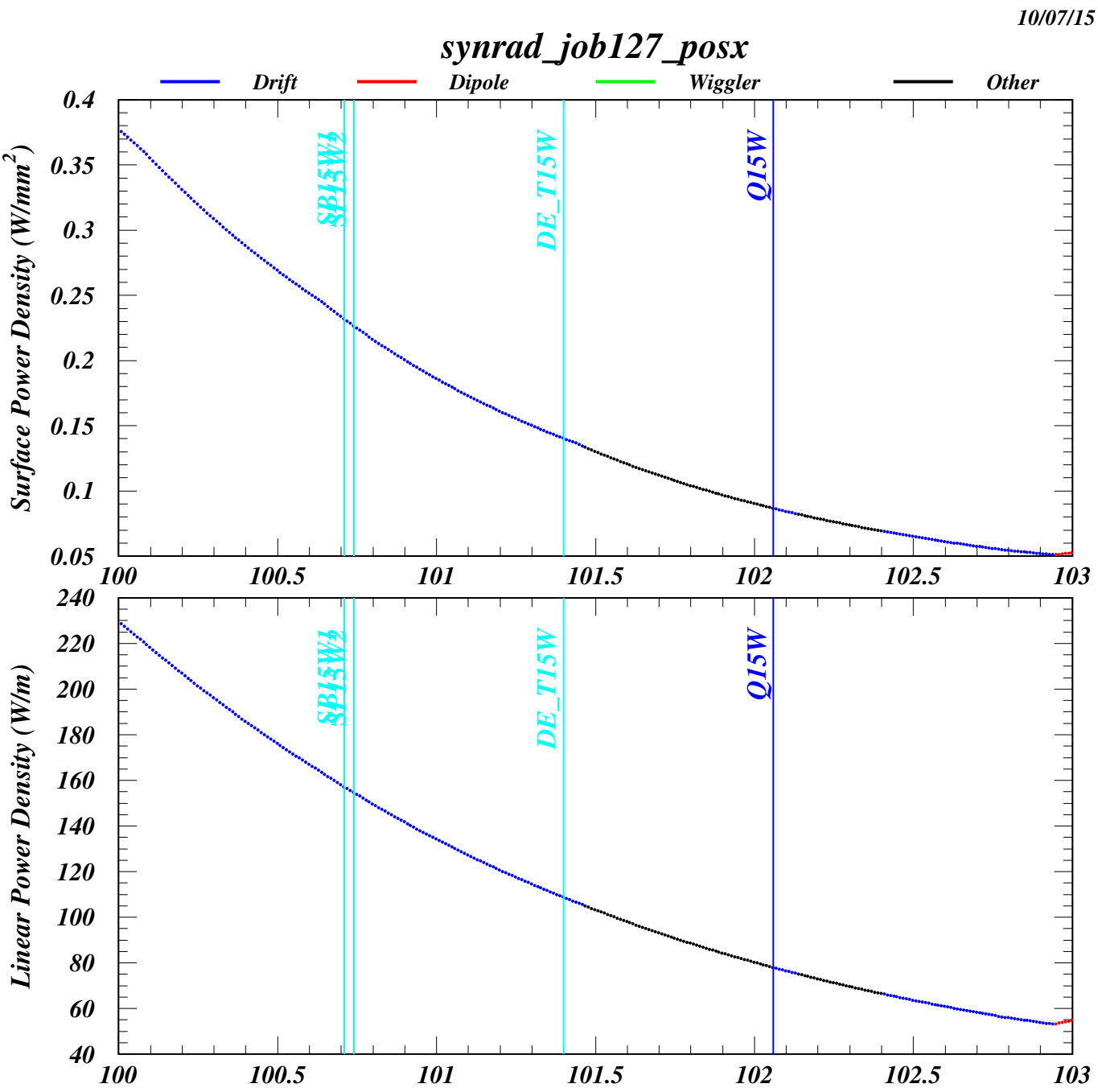

synrad_job127_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
1.4
1.2
1
0.8
0.6
0.4
0.2
SB15W1
SB15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Power (W/m) for 100 mA Beam Current
240
220
200
180
160
140
120
100
80
60
40
SB15W1
SB15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103

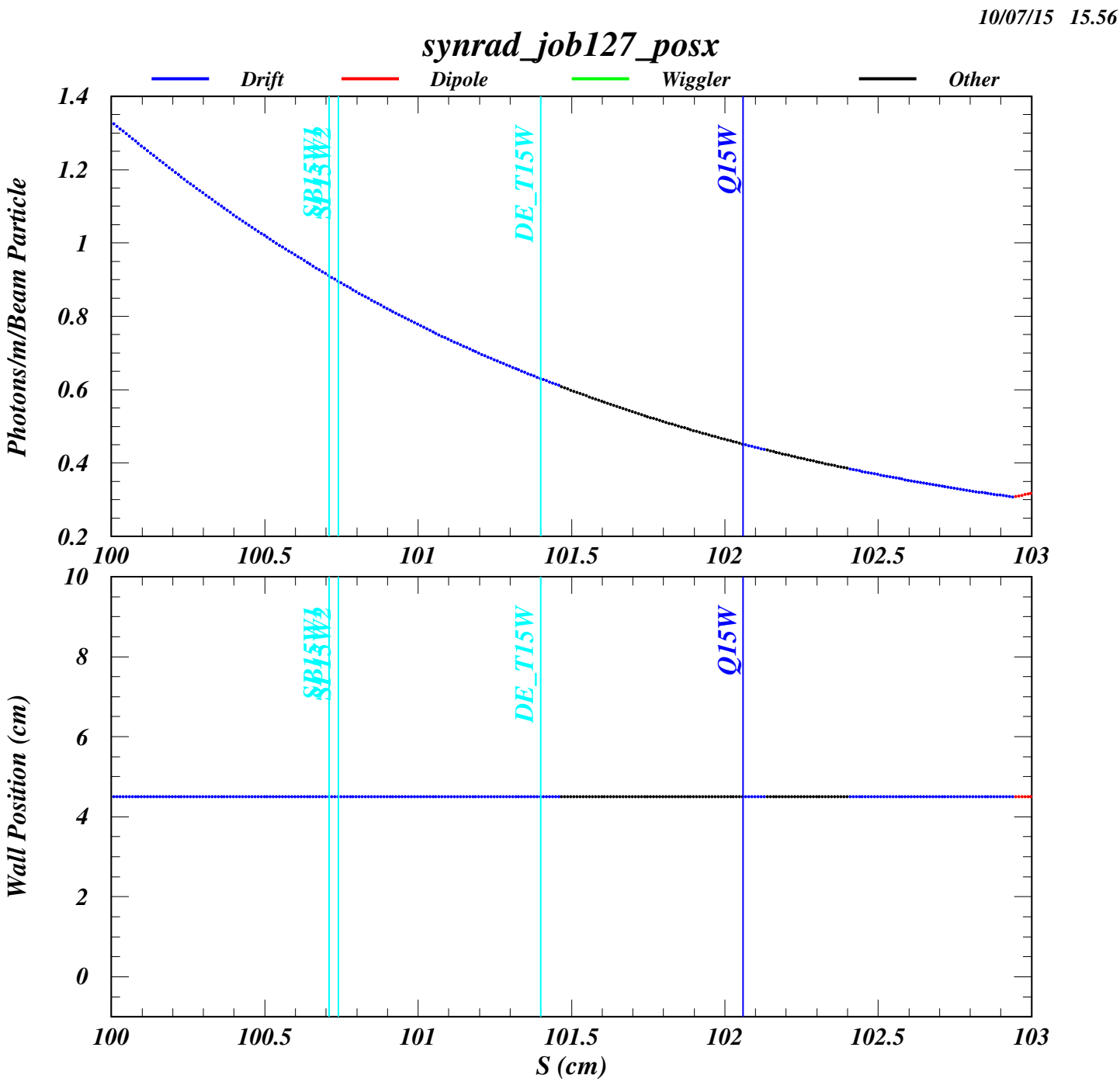

10/07/15 15.56
synrad_job127_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
1.4
1.2
1
0.8
0.6
0.4
0.2
SB15W1
SB15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Critical Energy (keV)
5.609
5.608
5.607
5.606
5.605
5.604
S(m)

10/07/15 15.56


synrad_job127_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
SB15W2
DE_T15W
Q15W


synrad_job127_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1280
1260
1240
1220
1200
1180
1160
1140
1120
1100
1080
SB15W1
SB15W2
DE_T15W
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)


10/07/15 15.56
synrad_job127_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
SB15W1
SB15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Linear Power Density (W/m)
240
220
200
180
160
140
120
100
80
60
40
SB15W1
SB15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103


10/07/15 15.56
synrad_job127_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
1.4
1.2
1
0.8
0.6
0.4
0.2
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)