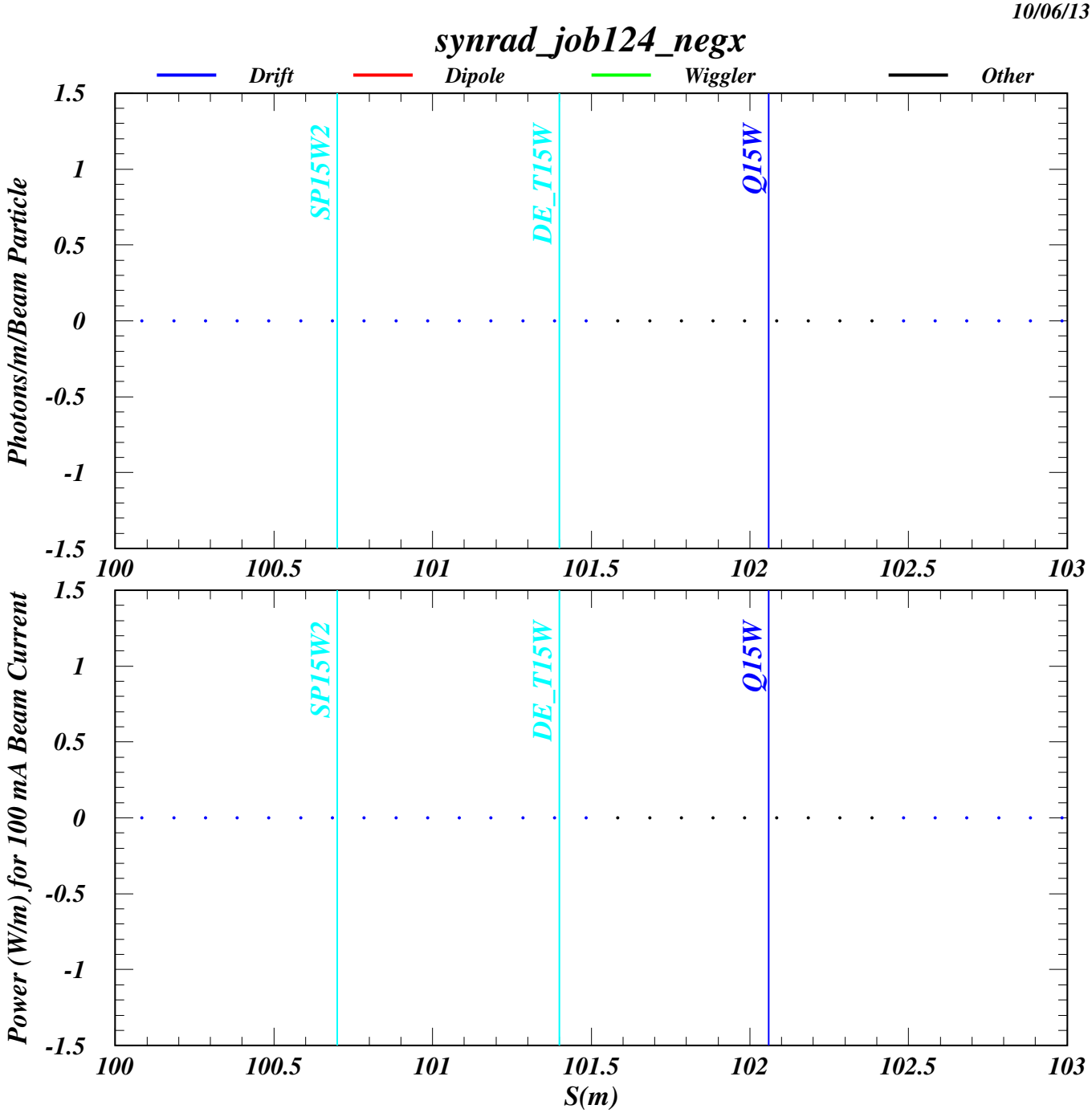
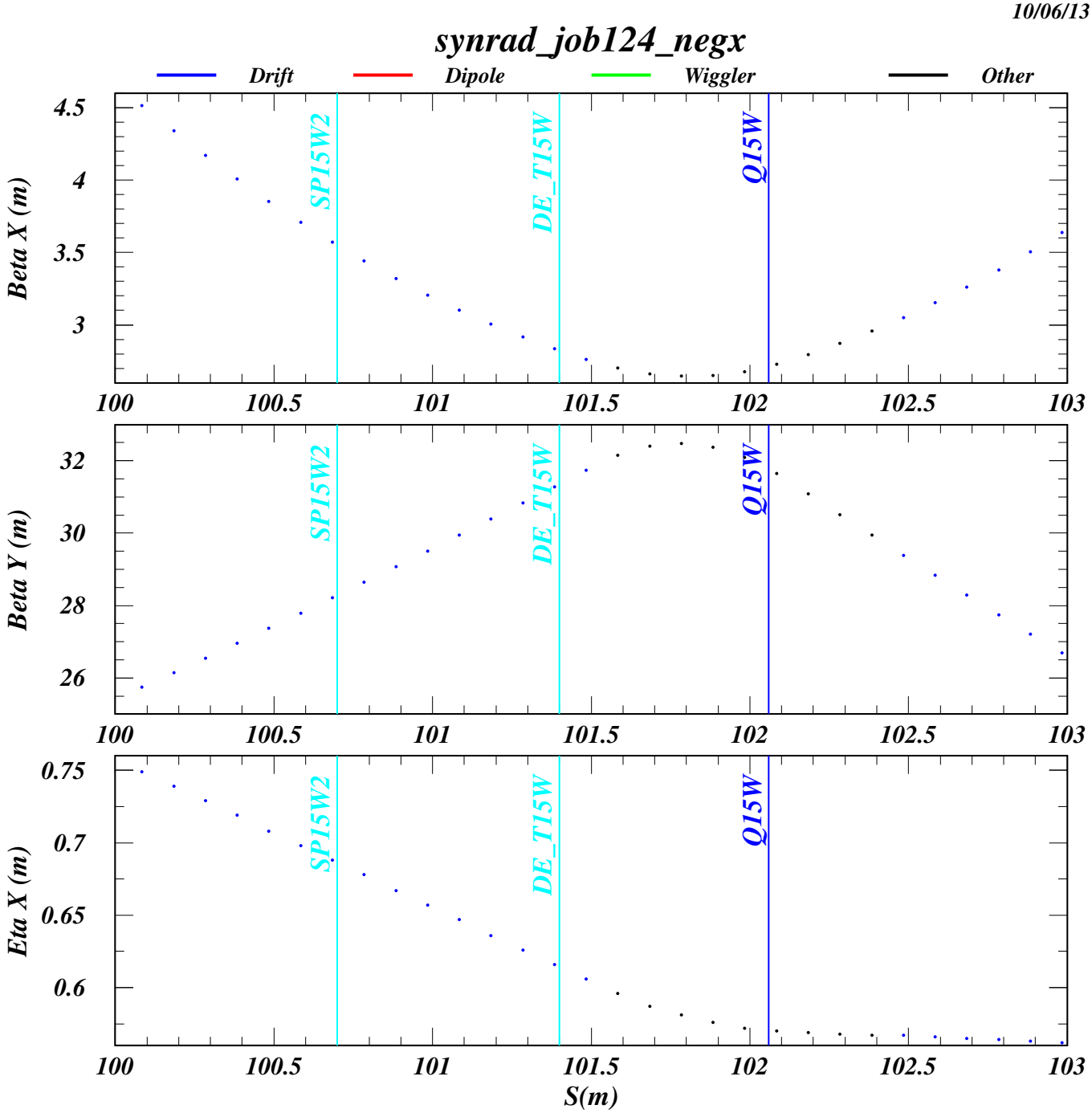
10/06/13 18.47


synrad_job124_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
SP15W2
DE_T15W
Q15W
1.5
1
0.5
0
-0.5
-1
-1.5
100
100.5
101
101.5
102
102.5
103
S(m)

10/06/13 18.47


synrad_job124_negx
Drift
Dipole
Wiggler
Other
Beta X (m)
4.5
4
3.5
3
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Beta Y (m)
32
30
28
26
Eta X (m)
0.75
0.7
0.65
0.6
S(m)

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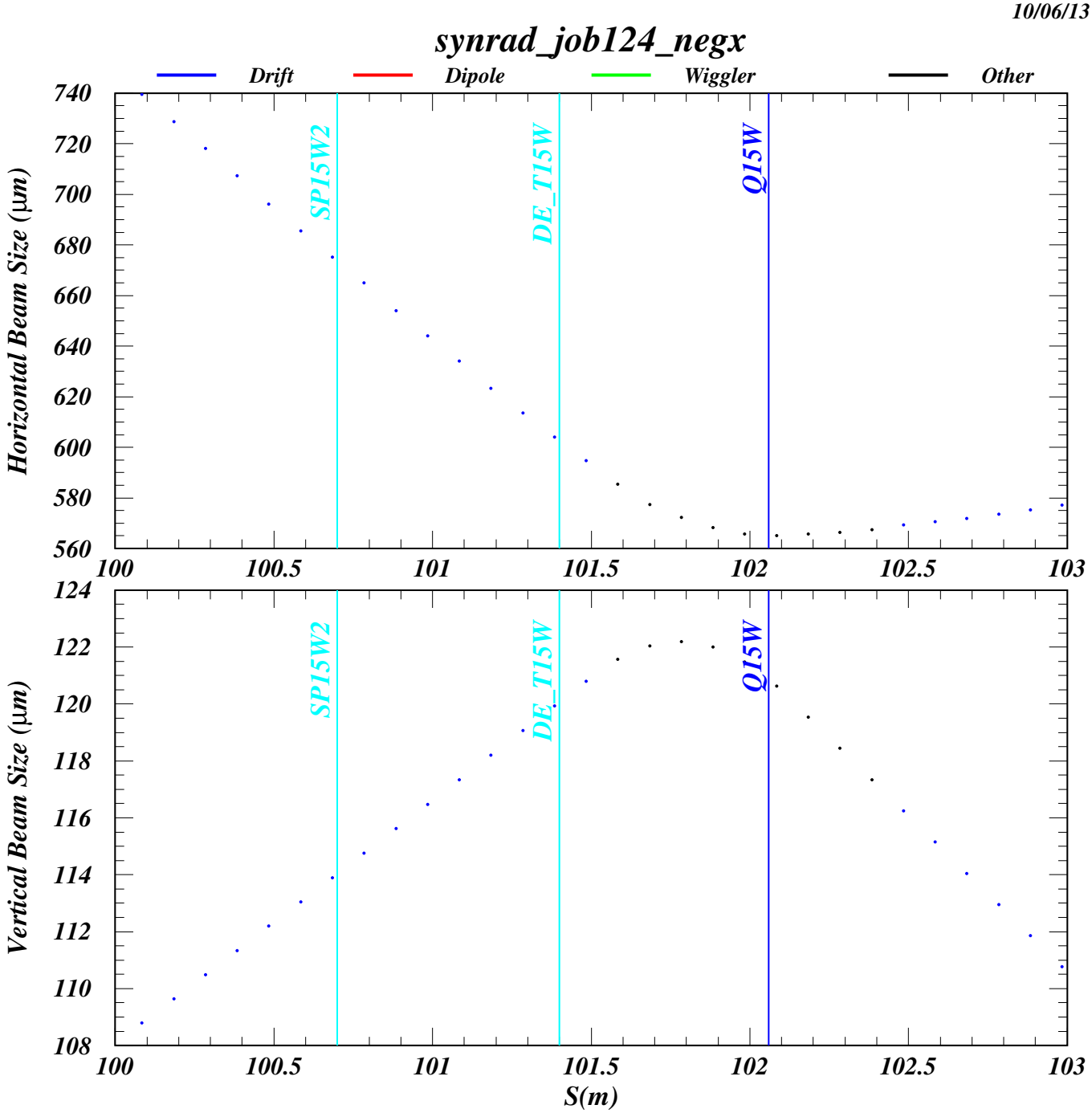
synrad_job124_negx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
740
720
700
680
660
640
620
600
580
560
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Vertical Beam Size (μm)
124
122
120
118
116
114
112
110
108
S(m)

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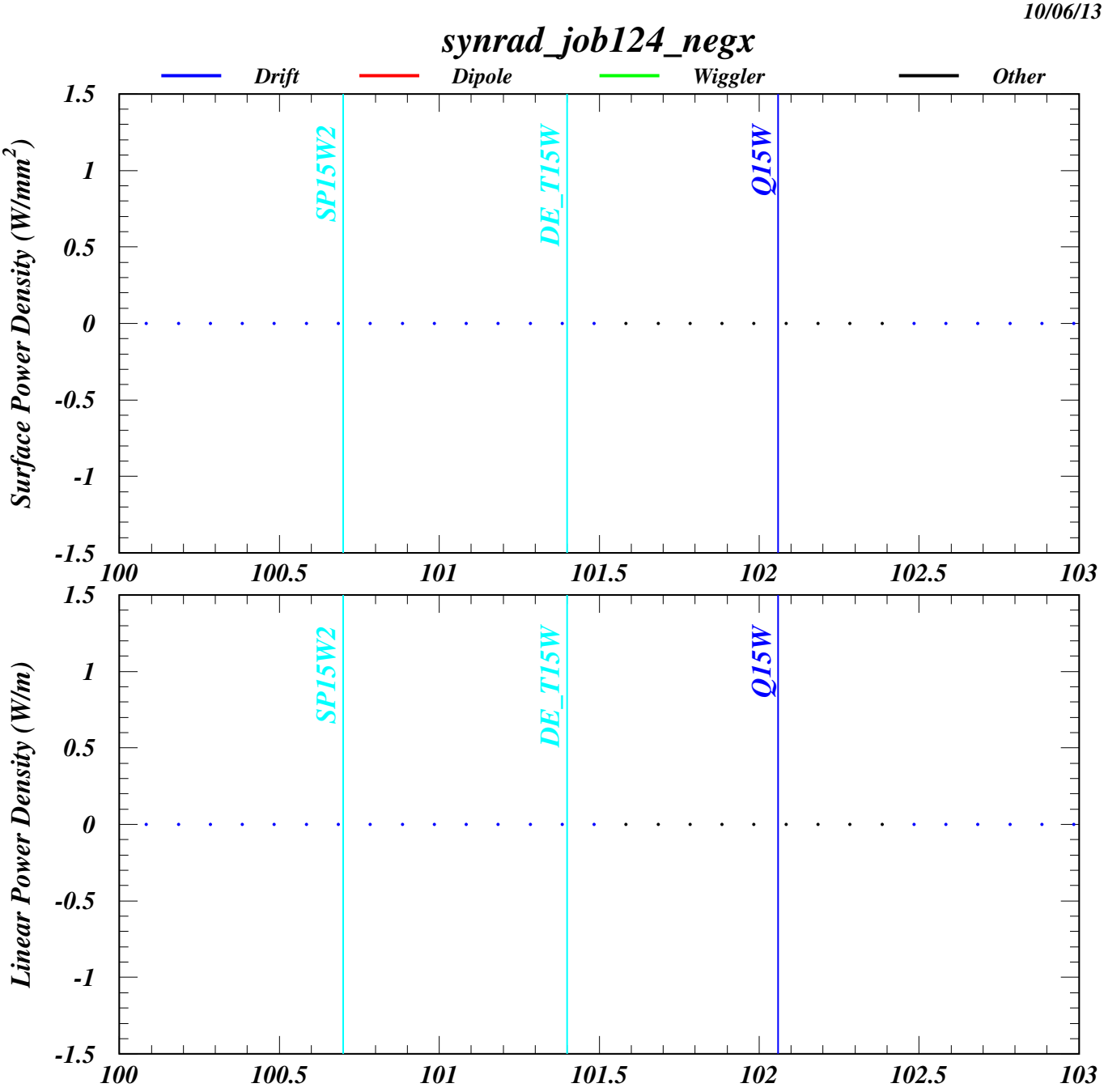
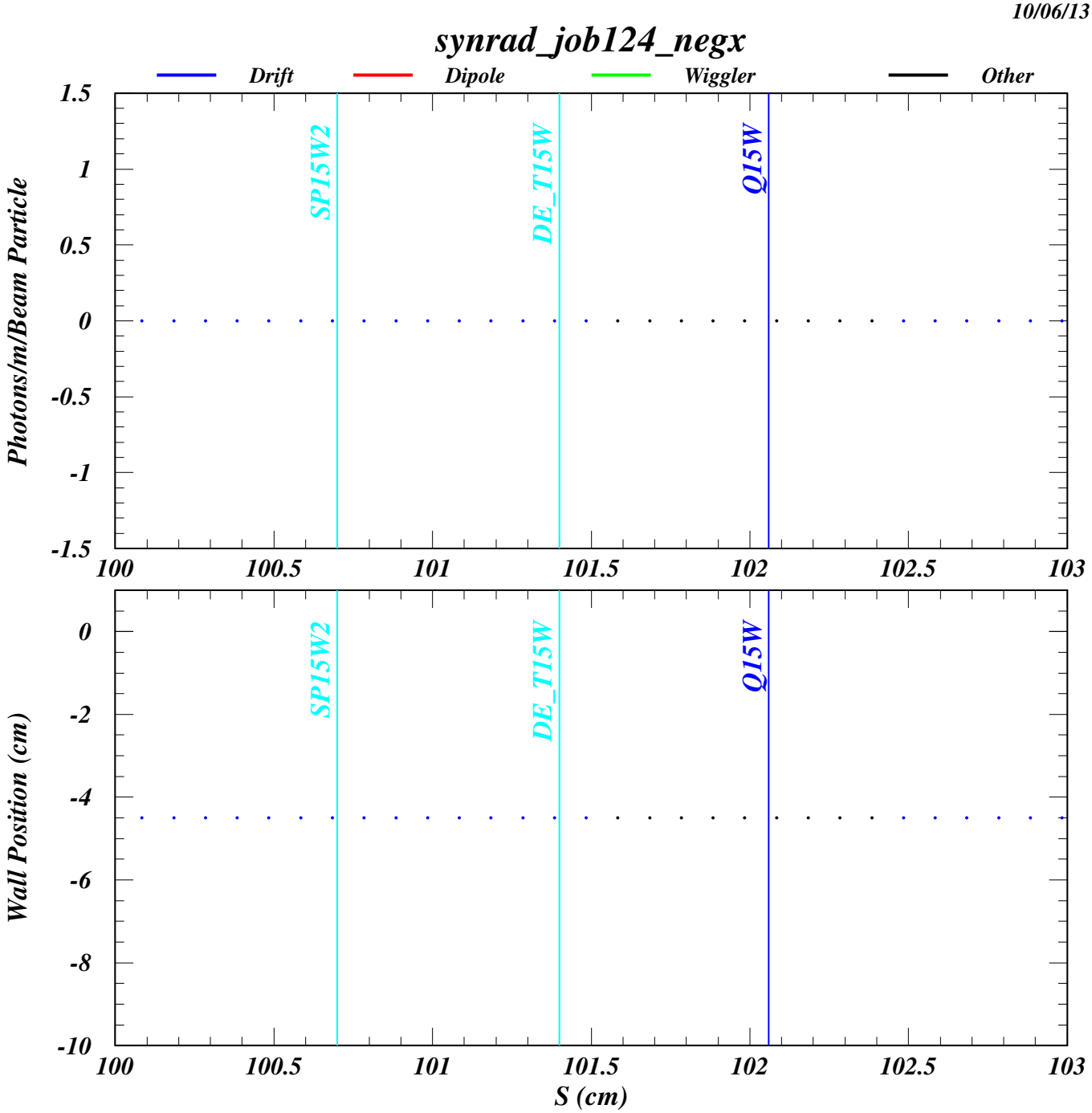

synrad_job124_negx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
Linear Power Density (W/m)
SP15W2
DE_T15W
Q15W
1.5
1
0.5
0
-0.5
-1
-1.5
100
100.5
101
101.5
102
102.5
103

10/06/13 18.47


synrad_job124_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
1.5
1
0.5
0
-0.5
-1
-1.5
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Wall Position (cm)
0
-2
-4
-6
-8
-10
S (cm)