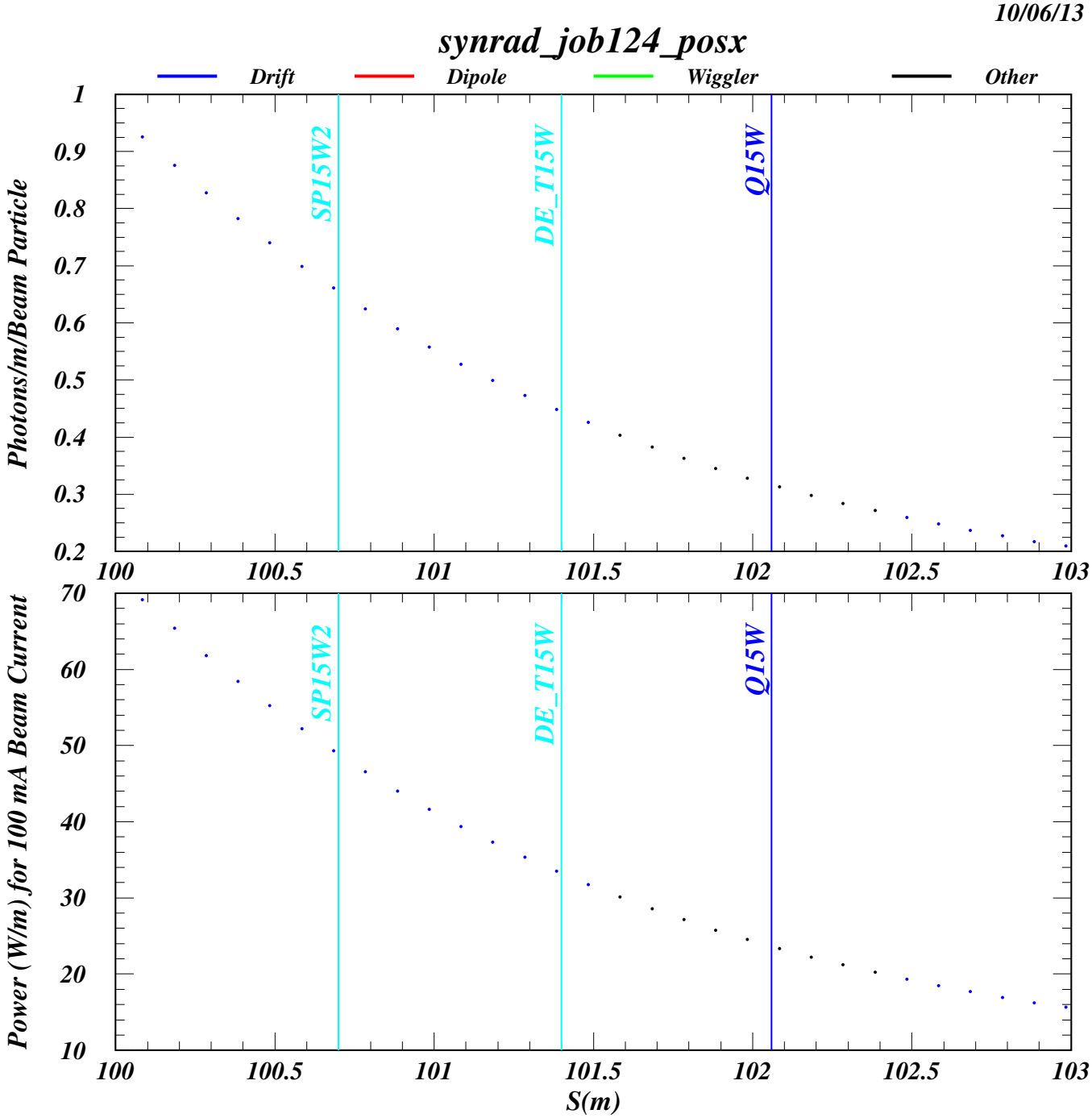
10/06/13 18.47


synrad_job124_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
SP15W2
DE_T15W
Q15W
S(m)

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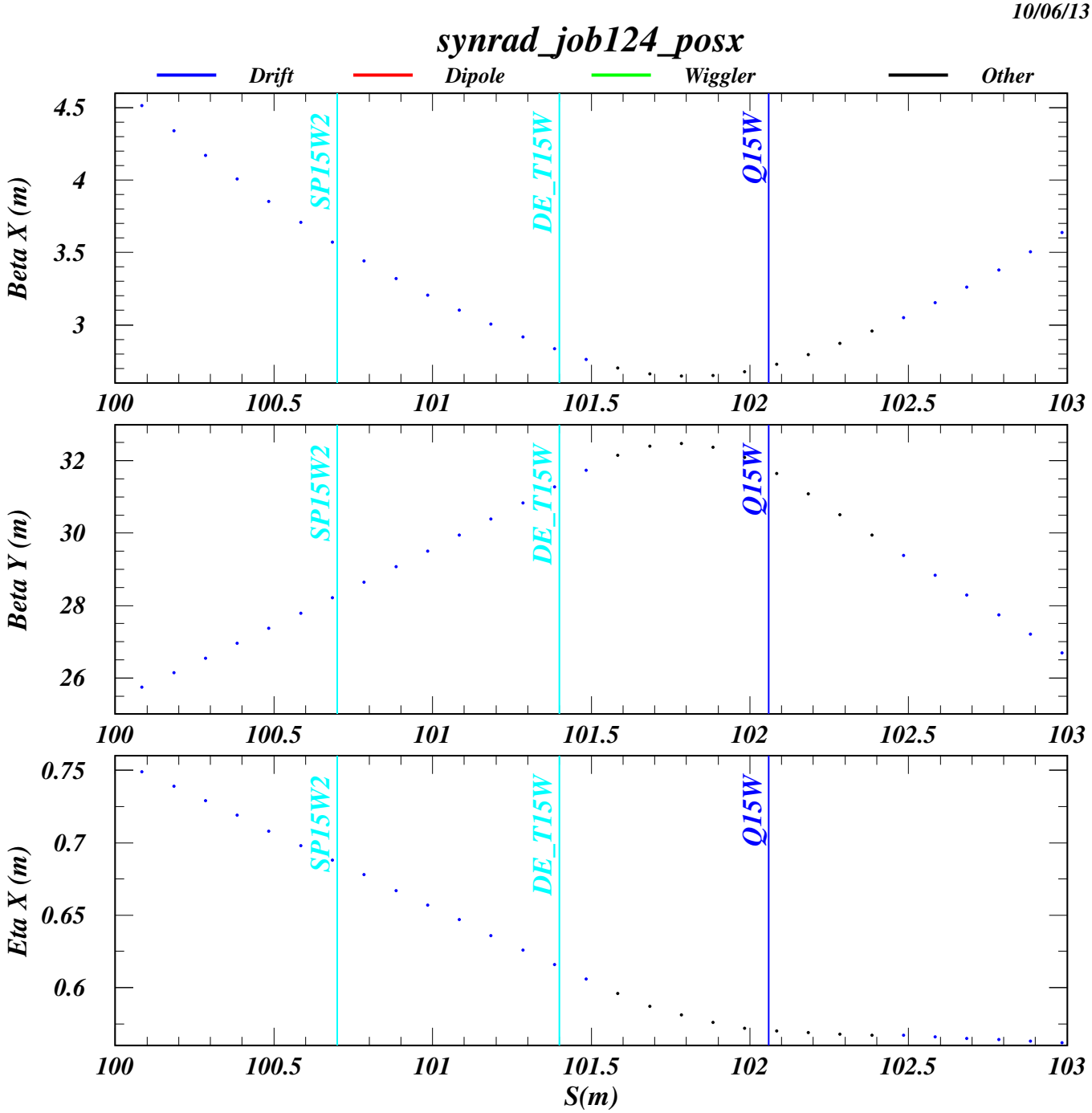
synrad_job124_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
4.5
4
3.5
3
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Beta Y (m)
32
30
28
26
Eta X (m)
0.75
0.7
0.65
0.6
S(m)

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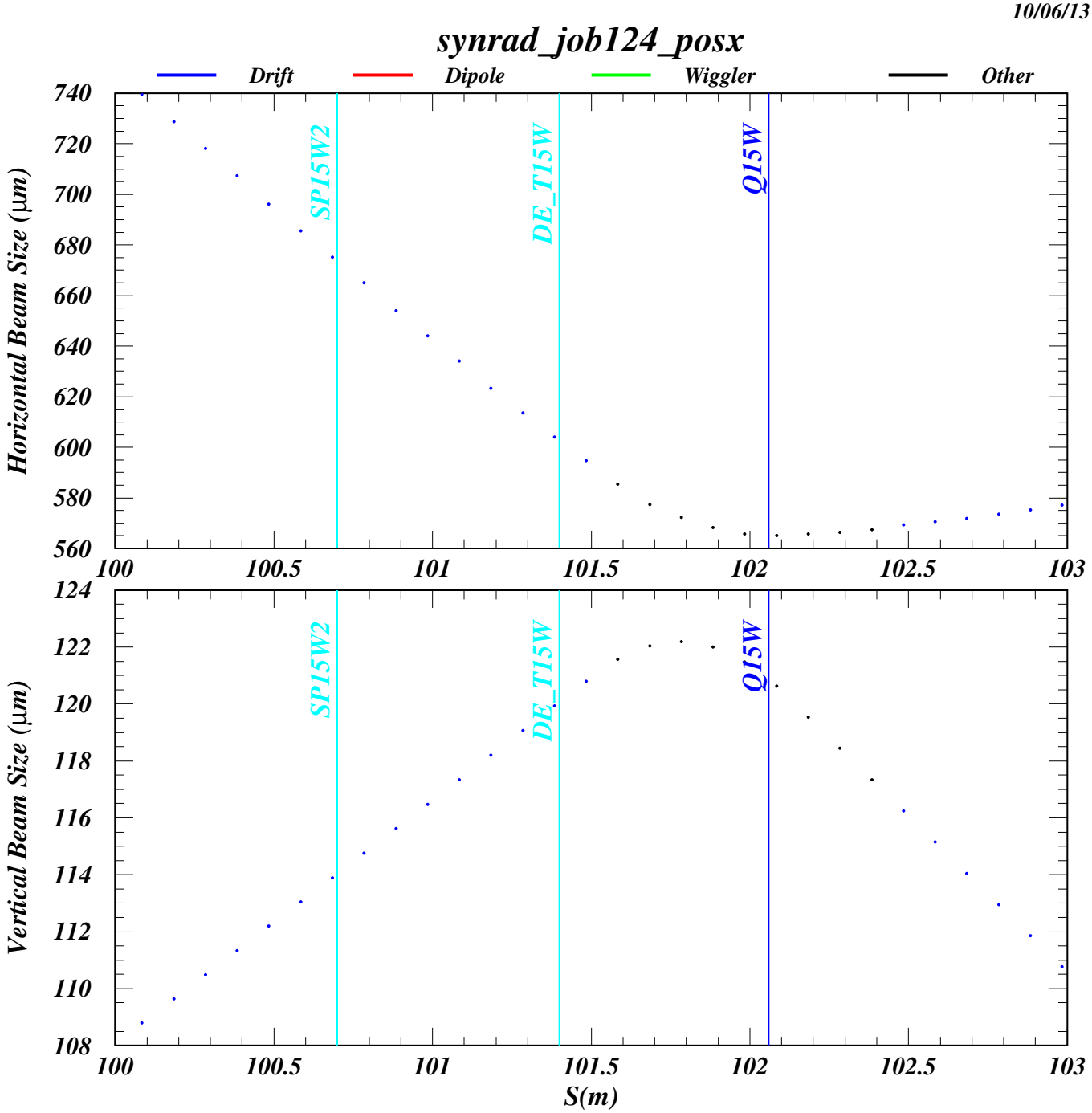
synrad_job124_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
740
720
700
680
660
640
620
600
580
560
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Vertical Beam Size (μm)
124
122
120
118
116
114
112
110
108
S(m)

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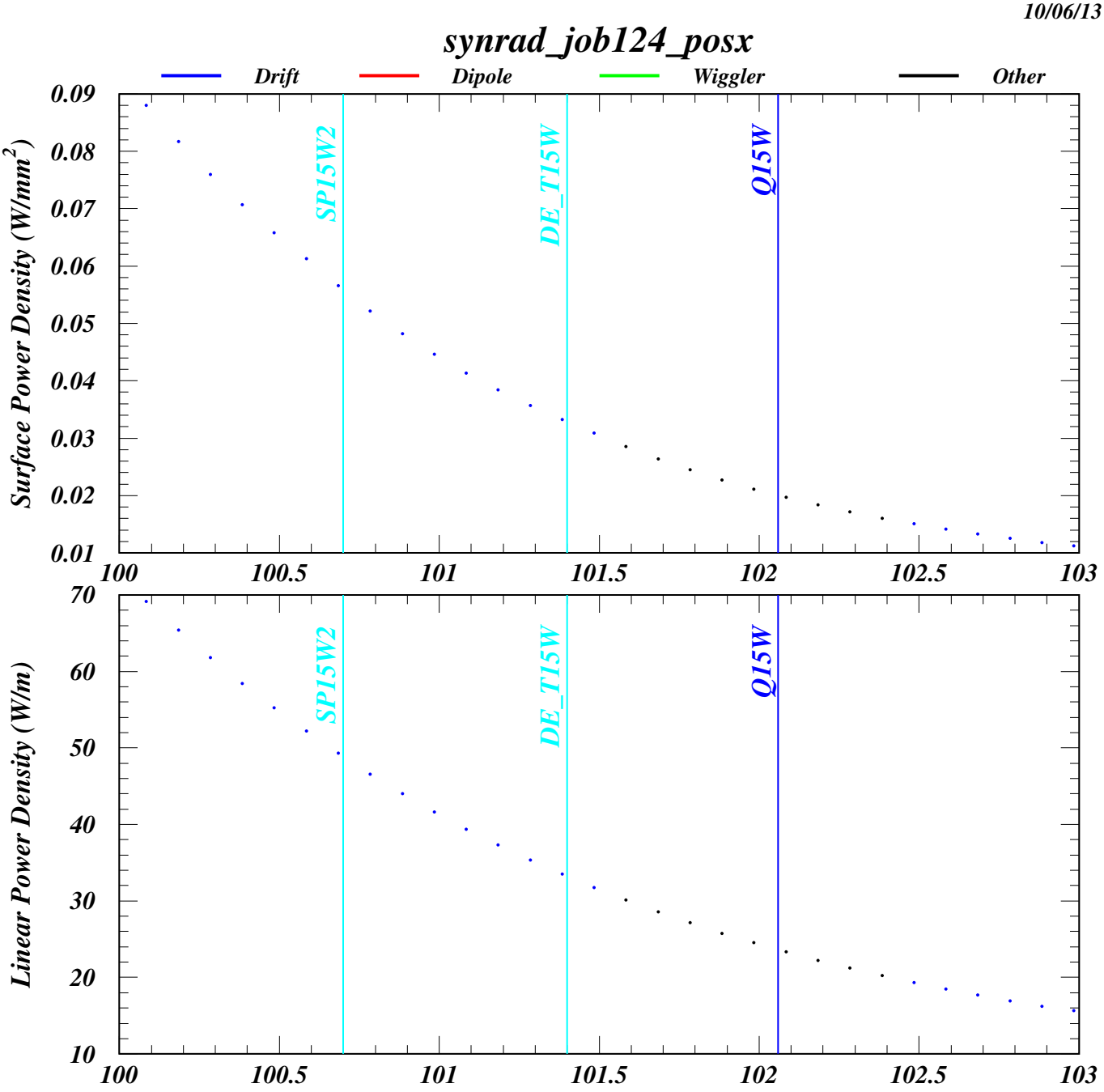
synrad_job124_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103
Linear Power Density (W/m)
70
60
50
40
30
20
10
SP15W2
DE_T15W
Q15W
100
100.5
101
101.5
102
102.5
103

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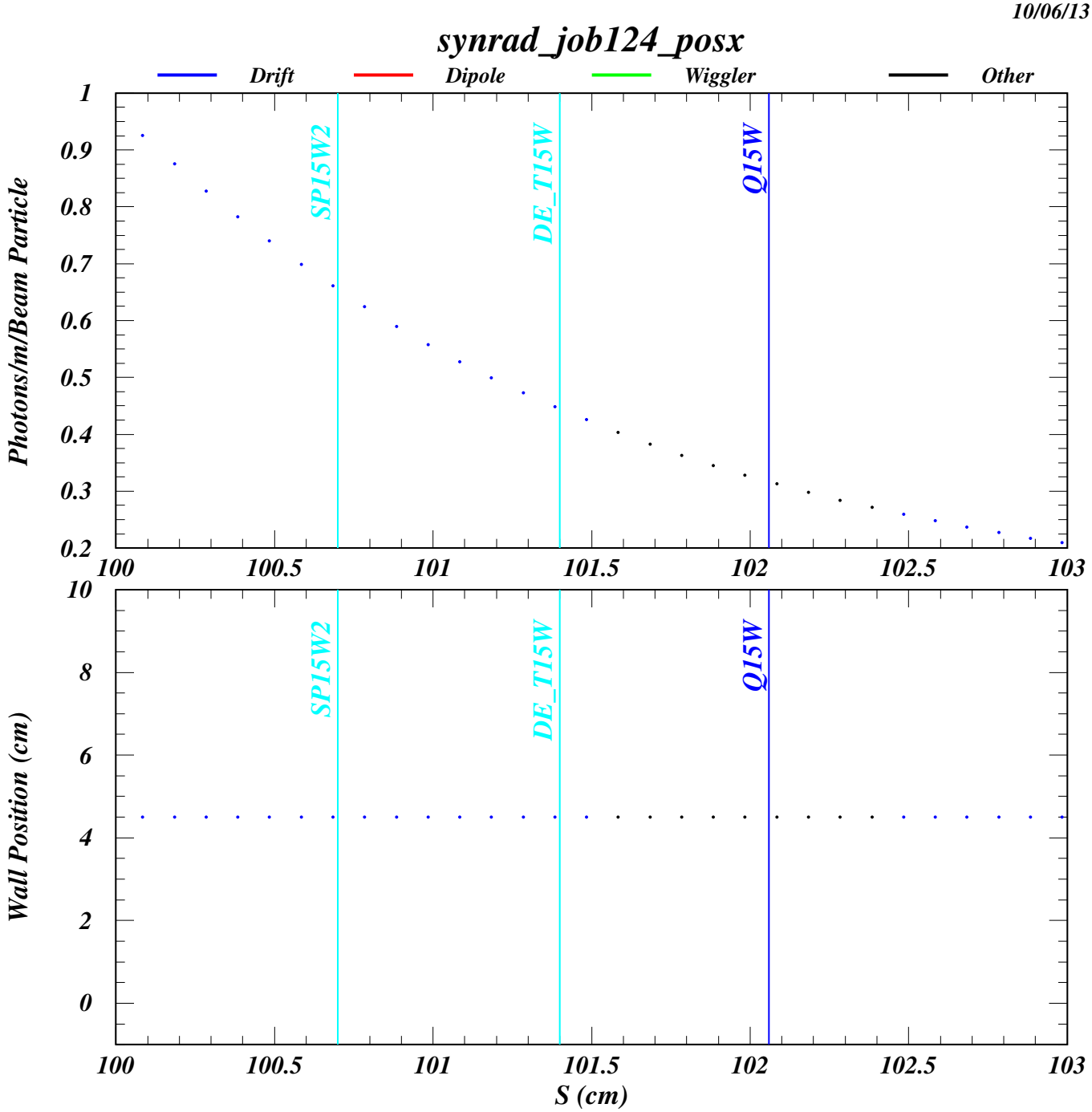
synrad_job124_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
SP15W2
DE_T15W
Q15W
Wall Position (cm)
S (cm)