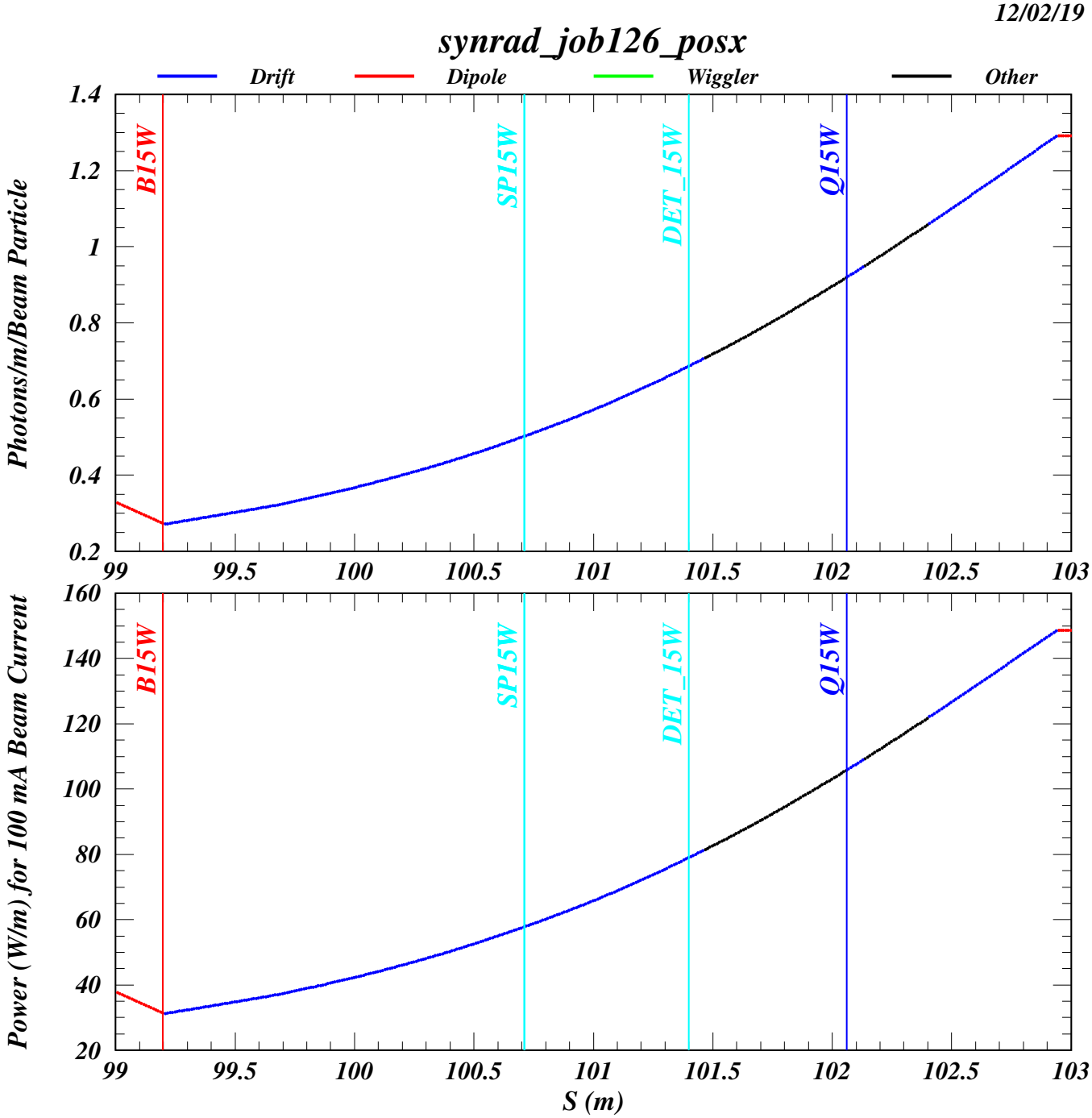
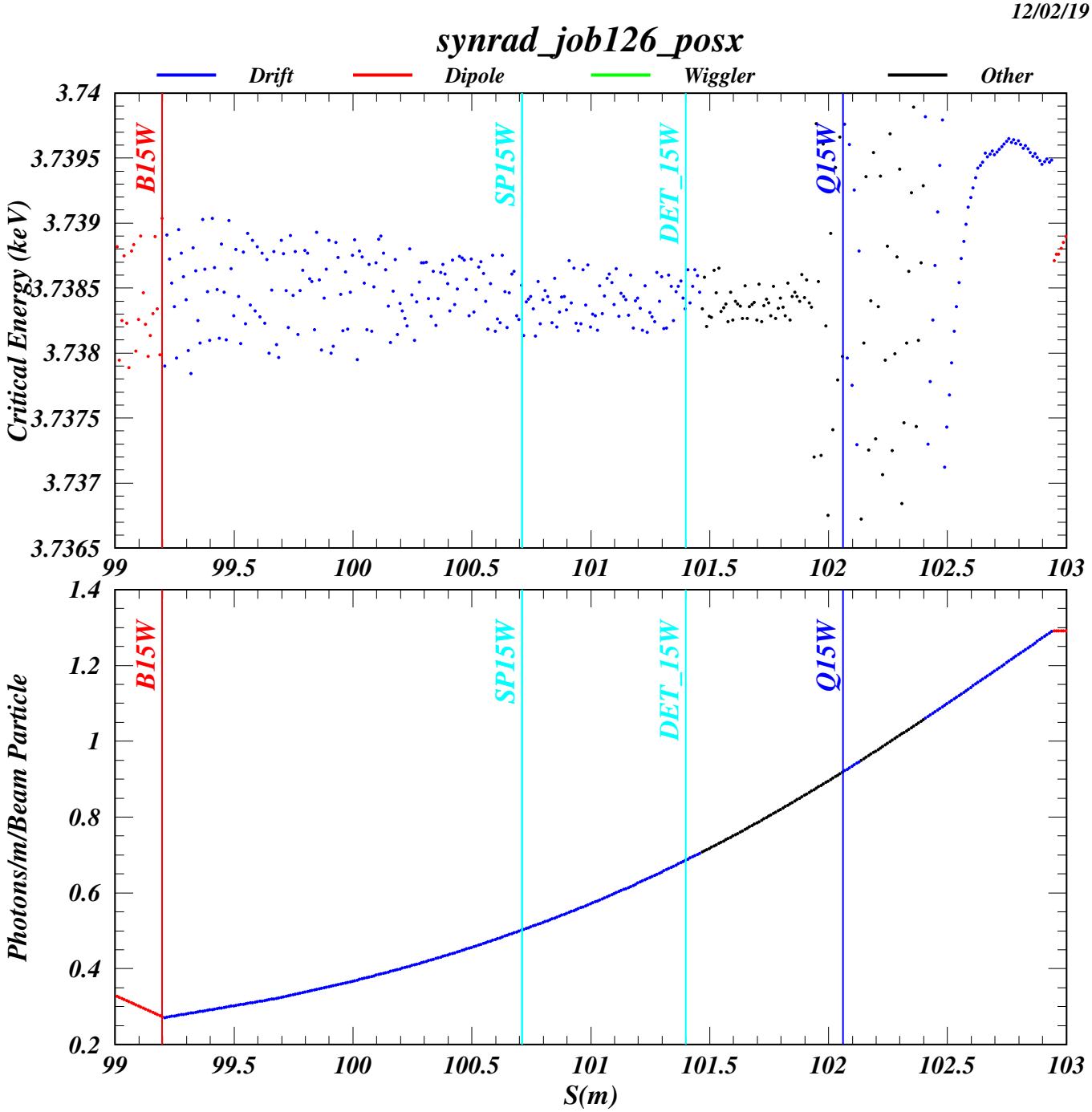
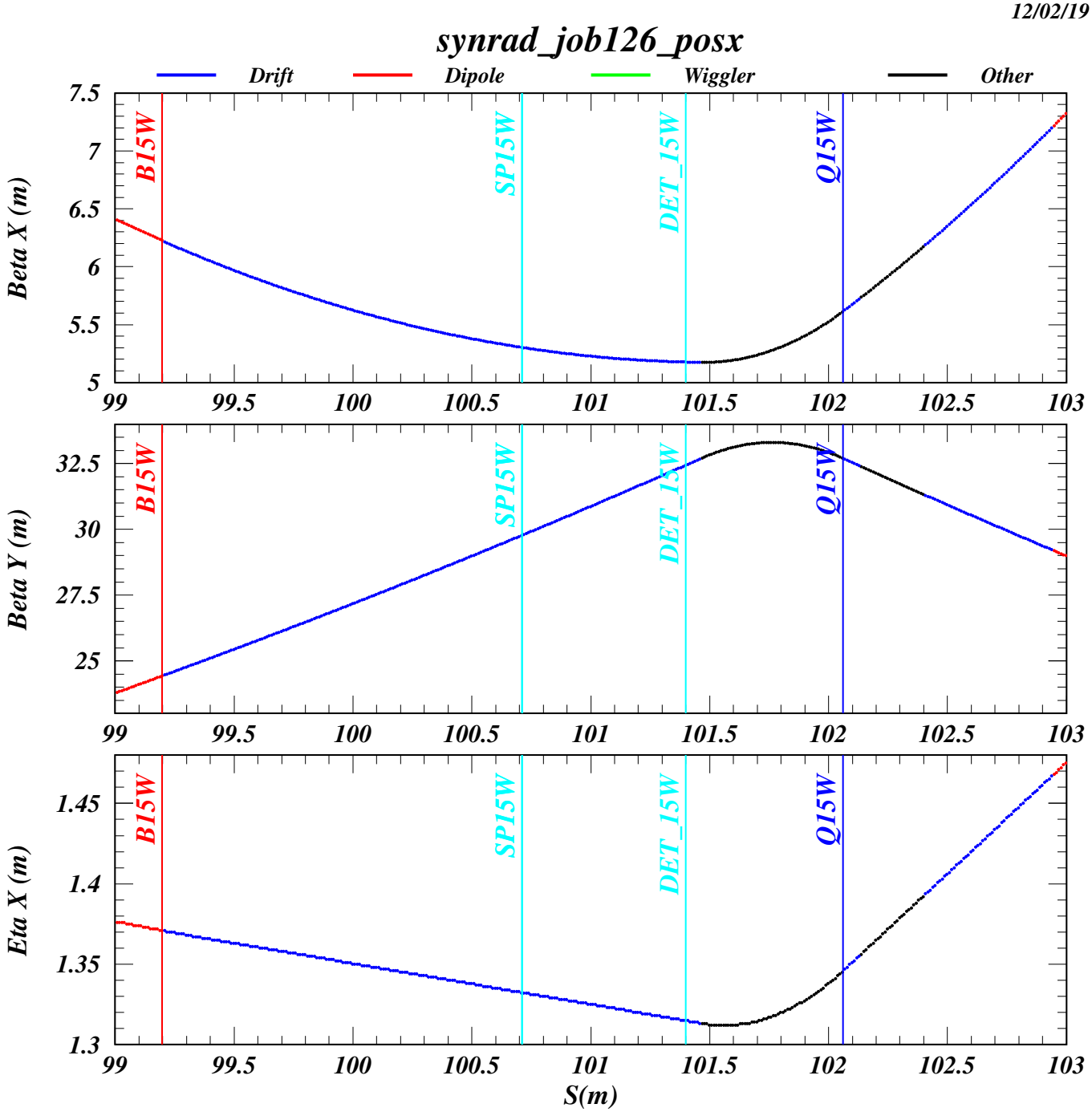
12/02/19 13.46


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S (m)
B15W
SP15W
DET_15W
Q15W
1.4
1.2
1
0.8
0.6
0.4
0.2
160
140
120
100
80
60
40
20
99
99.5
100
100.5
101
101.5
102
102.5
103

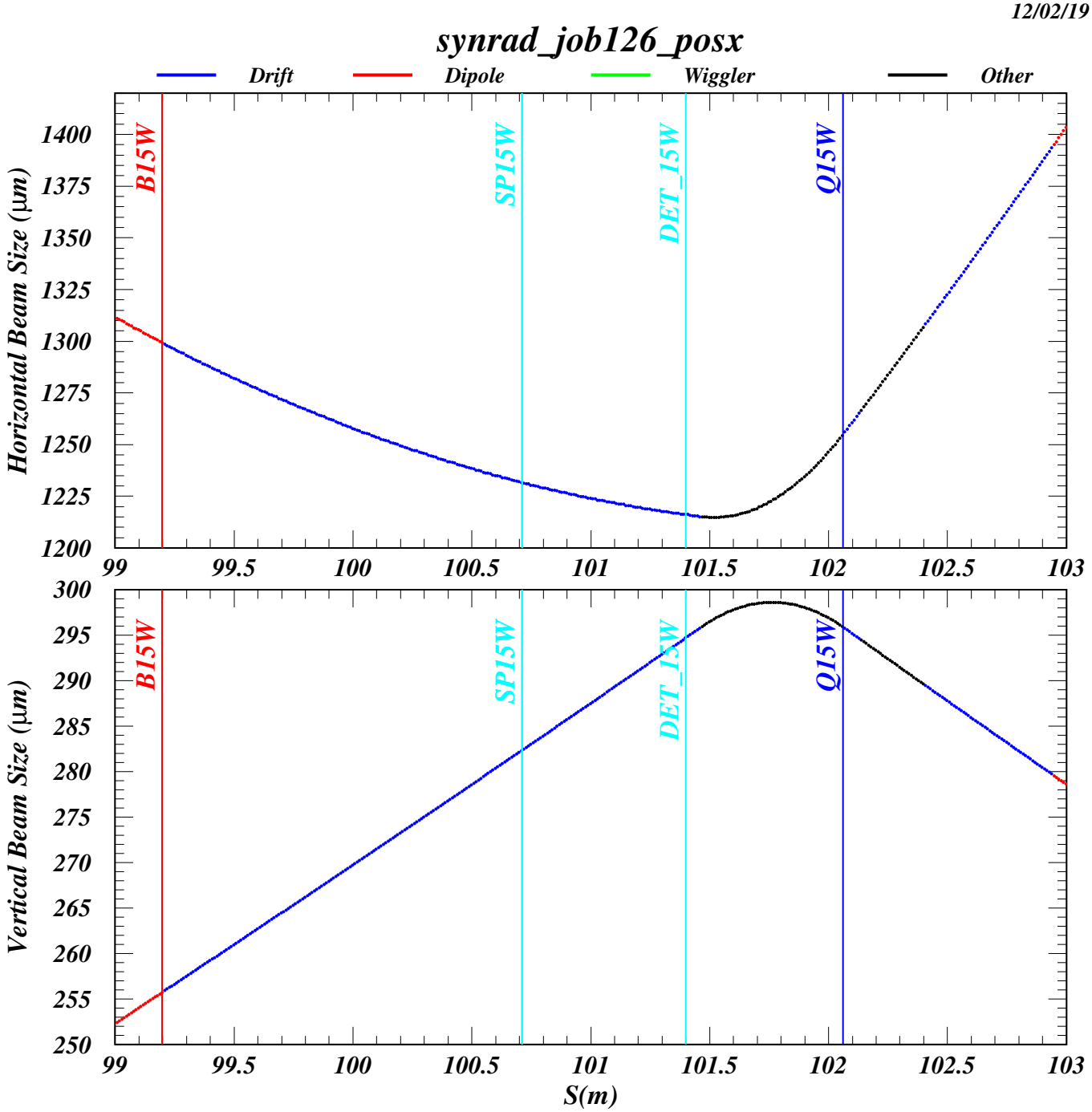
12/02/19 13.46


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Critical Energy (keV)
3.74
3.7395
3.739
3.7385
3.738
3.7375
3.737
3.7365
B15W
SP15W
DET_15W
Q15W
99
99.5
100
100.5
101
101.5
102
102.5
103
Photons/m/Beam Particle
1.4
1.2
1
0.8
0.6
0.4
0.2
S(m)

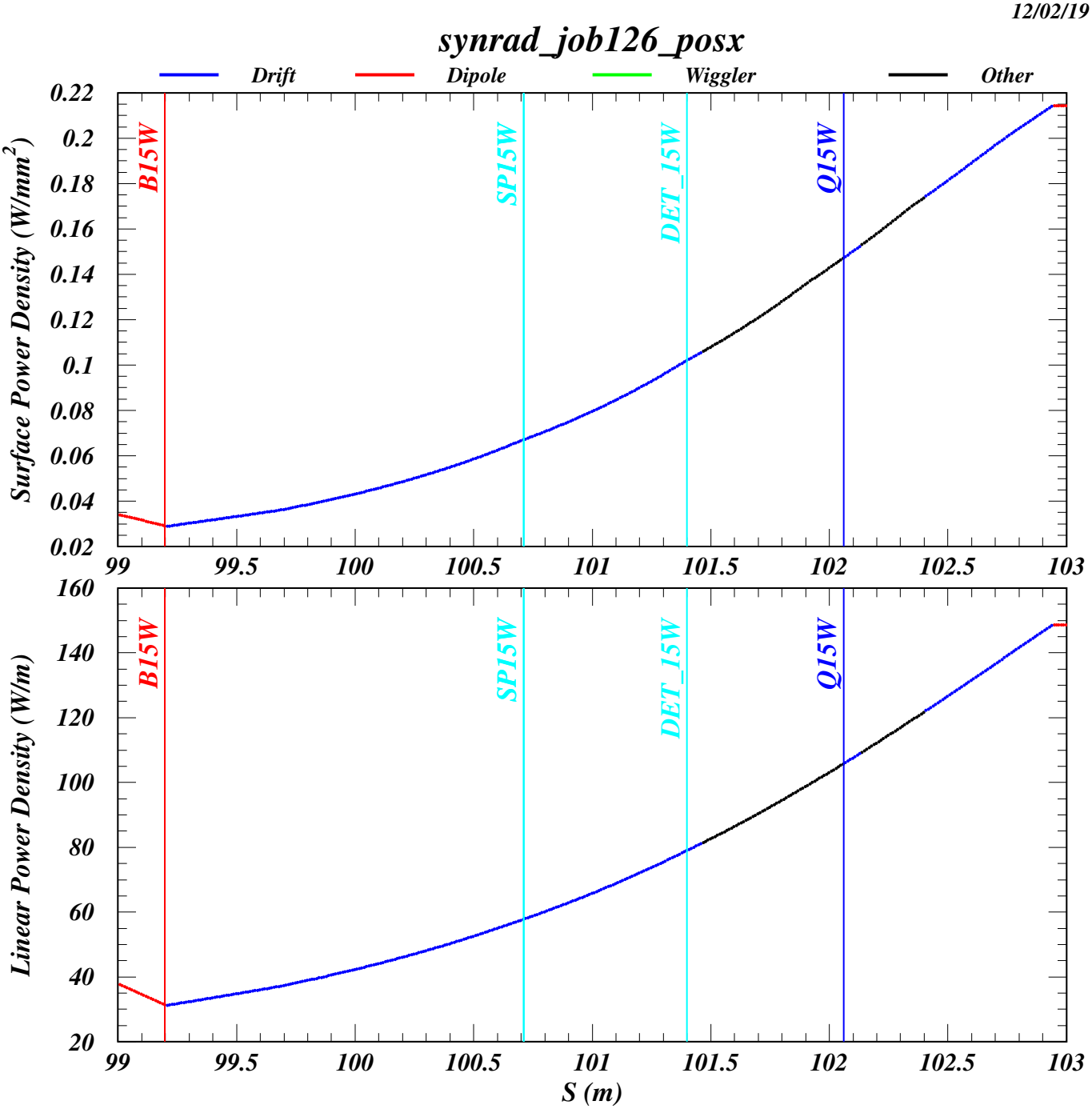
12/02/19 13.46


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
B15W
SP15W
DET_15W
Q15W

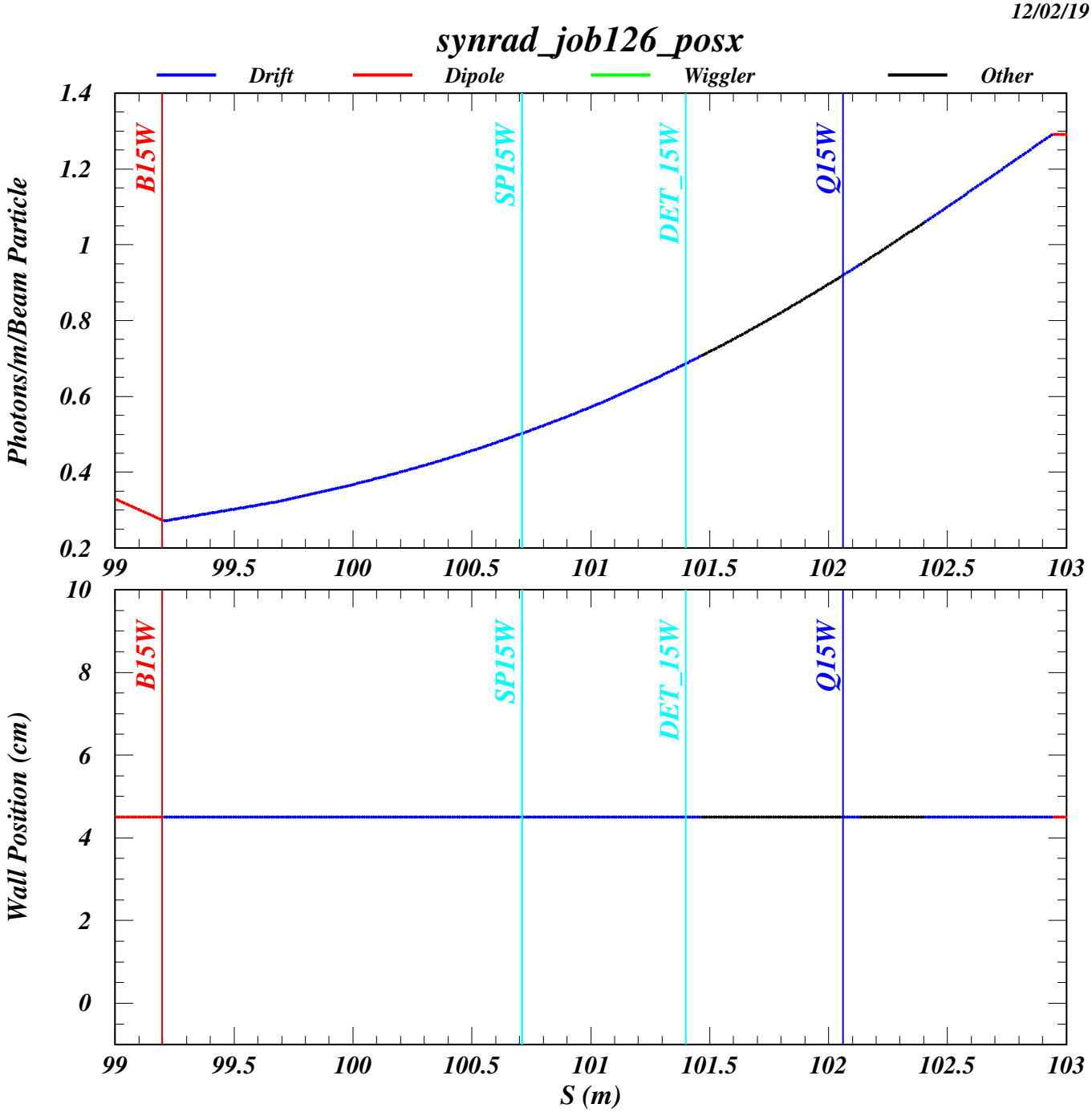
12/02/19 13.46


synrad_job126_posx
Drift
Dipole
Wiggler
Other
B15W
SP15W
DET_15W
Q15W
Horizontal Beam Size (μm)
1400
1375
1350
1325
1300
1275
1250
1225
1200
99
99.5
100
100.5
101
101.5
102
102.5
103
Vertical Beam Size (μm)
300
295
290
285
280
275
270
265
260
255
250
S(m)

12/02/19 13.46


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
B15W
SP15W
DET_15W
Q15W
99
99.5
100
100.5
101
101.5
102
102.5
103
Linear Power Density (W/m)
160
140
120
100
80
60
40
20
S (m)

12/02/19 13.46


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
B15W
SP15W
DET_15W
Q15W
Wall Position (cm)
S (m)