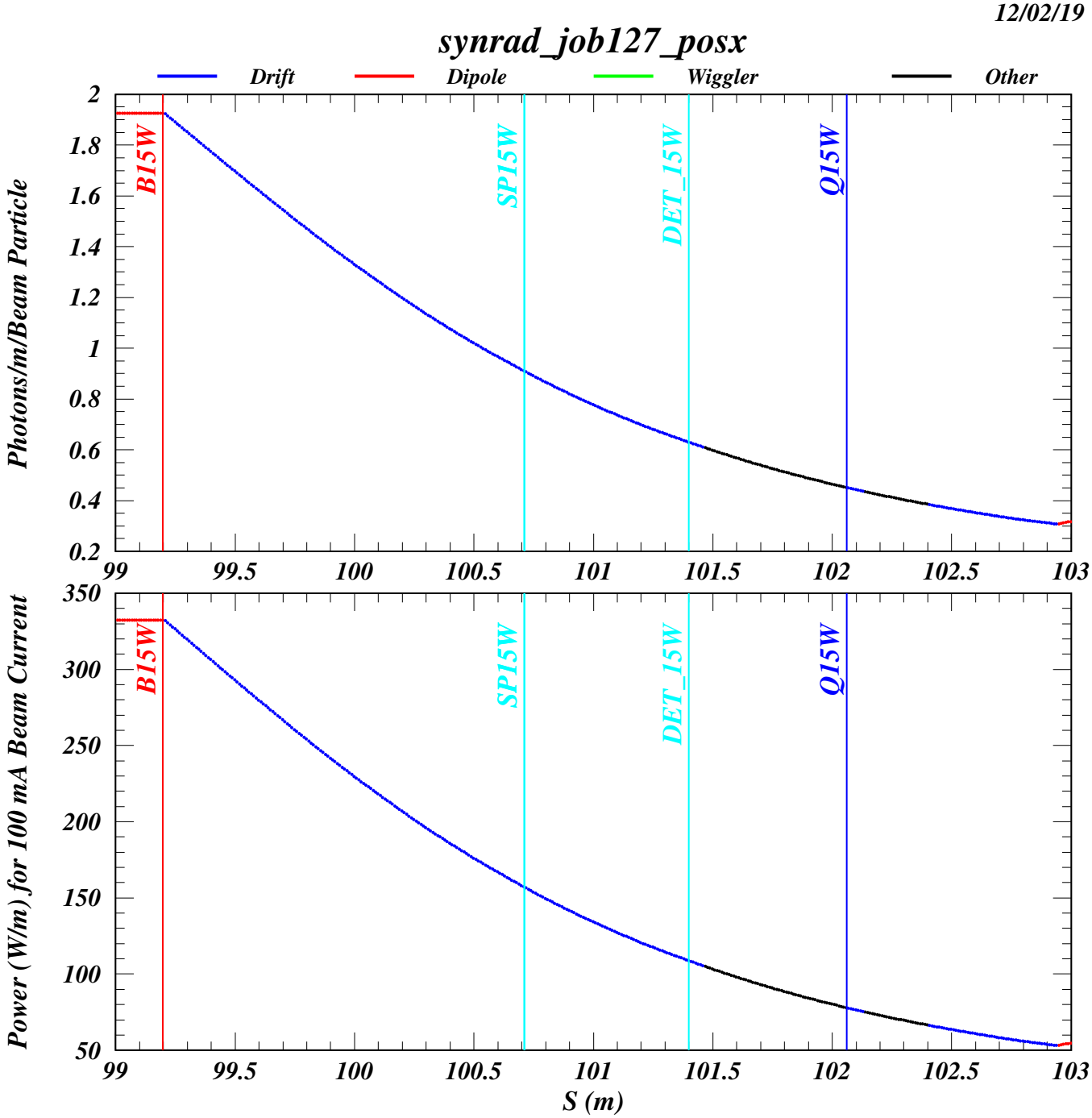
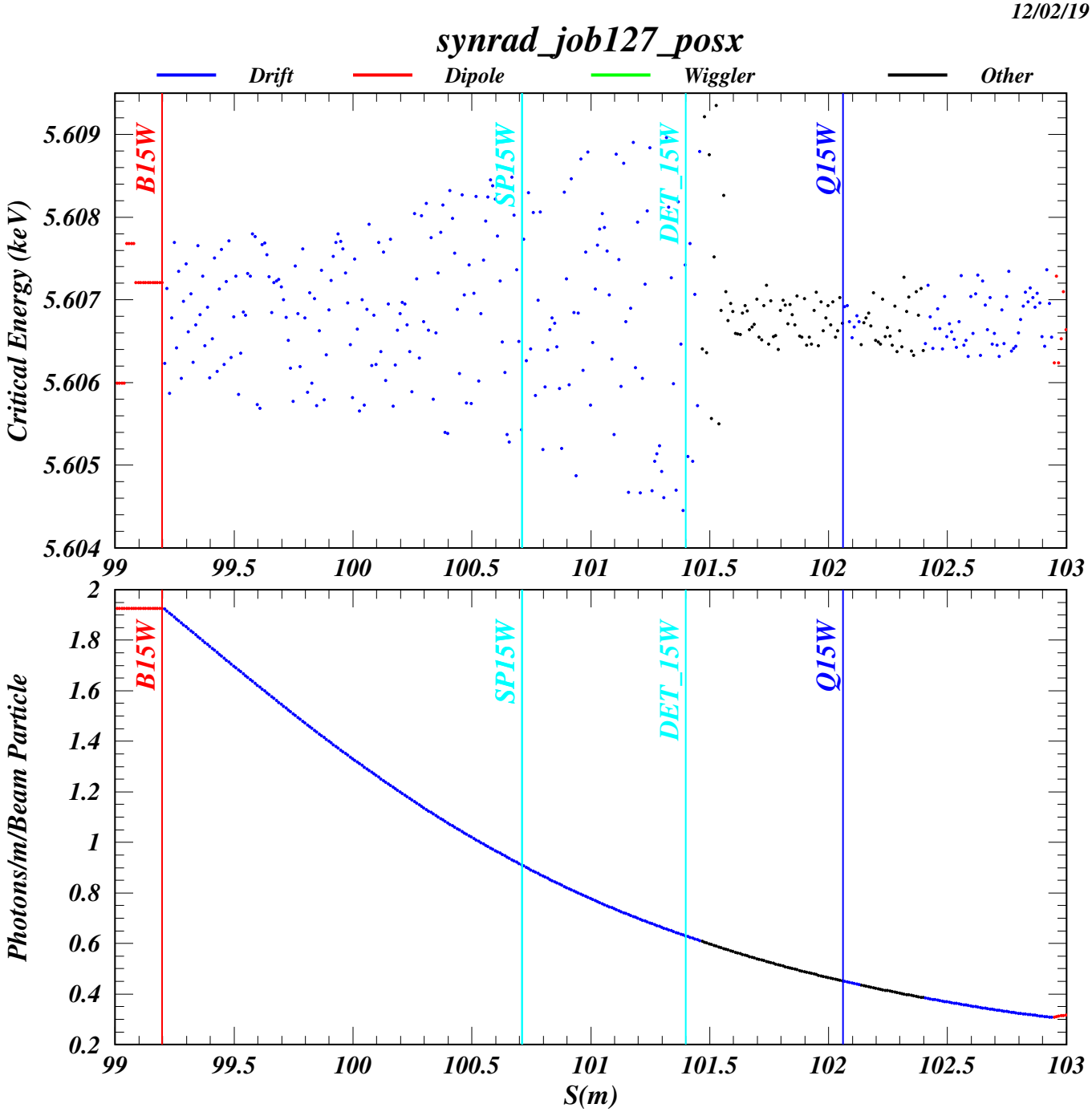
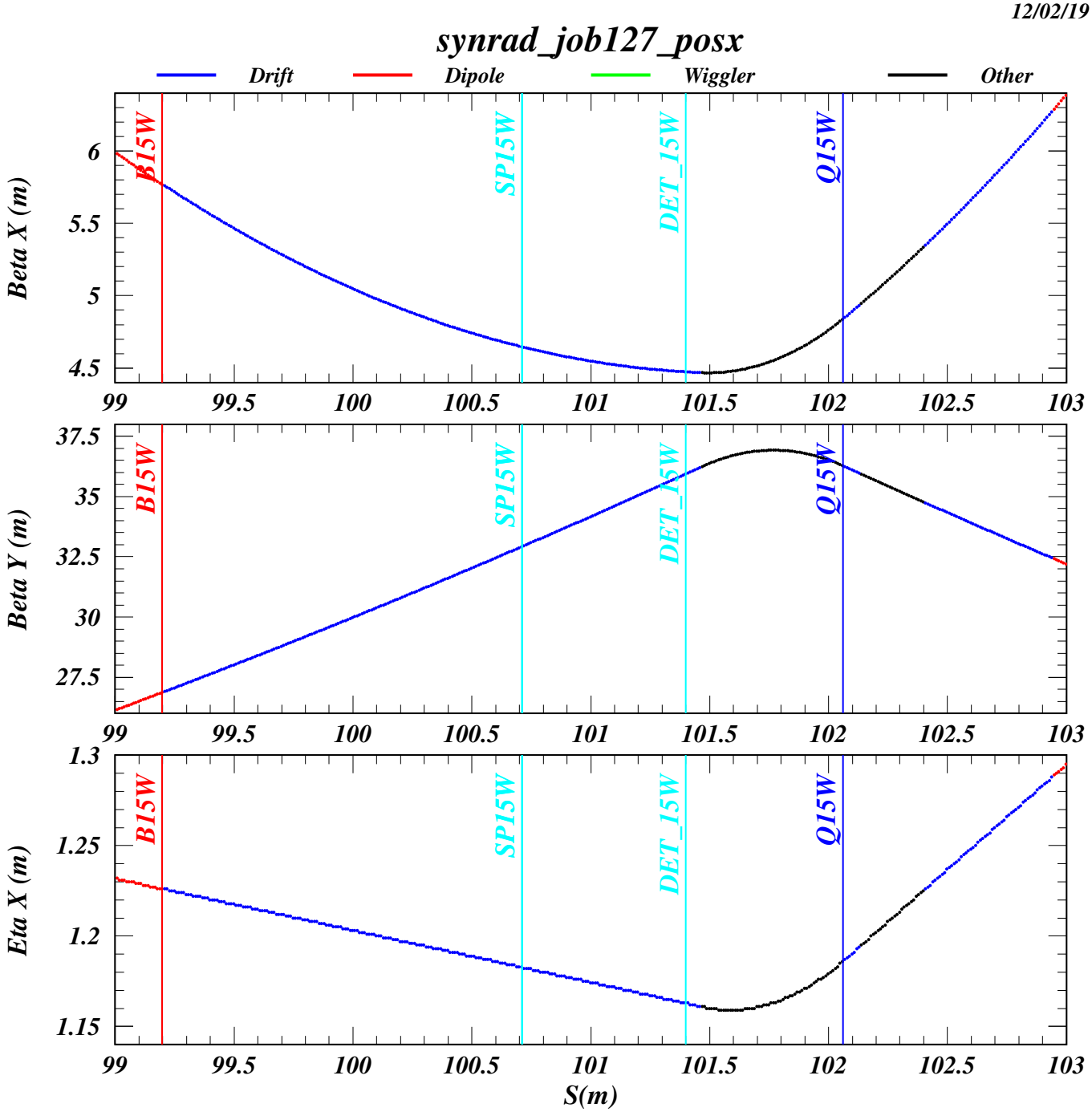
12/02/19 13.47


synrad_job127_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S (m)
B15W
SP15W
DET_15W
Q15W
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
350
300
250
200
150
100
50
99
99.5
100
100.5
101
101.5
102
102.5
103

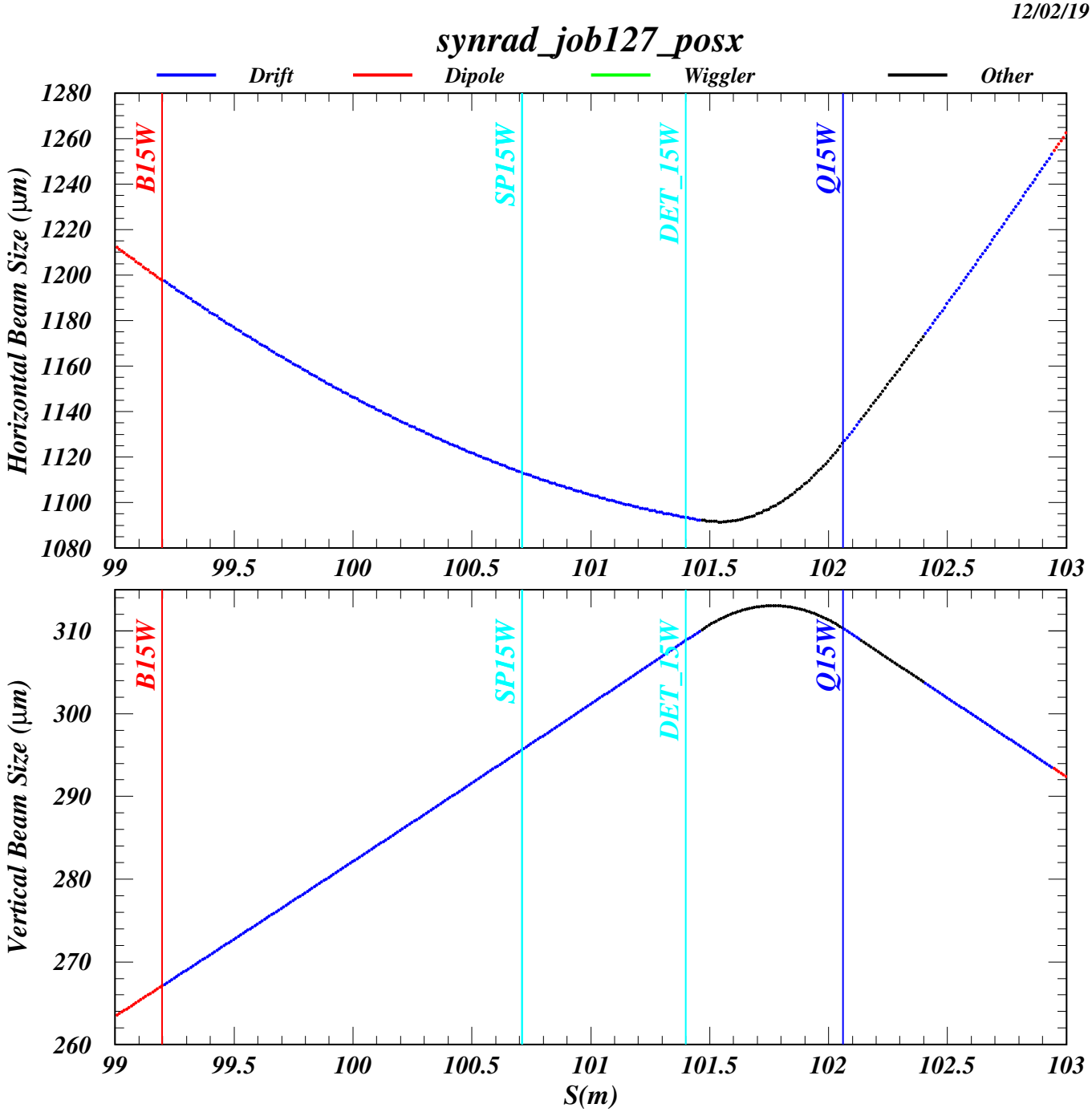
12/02/19 13.47

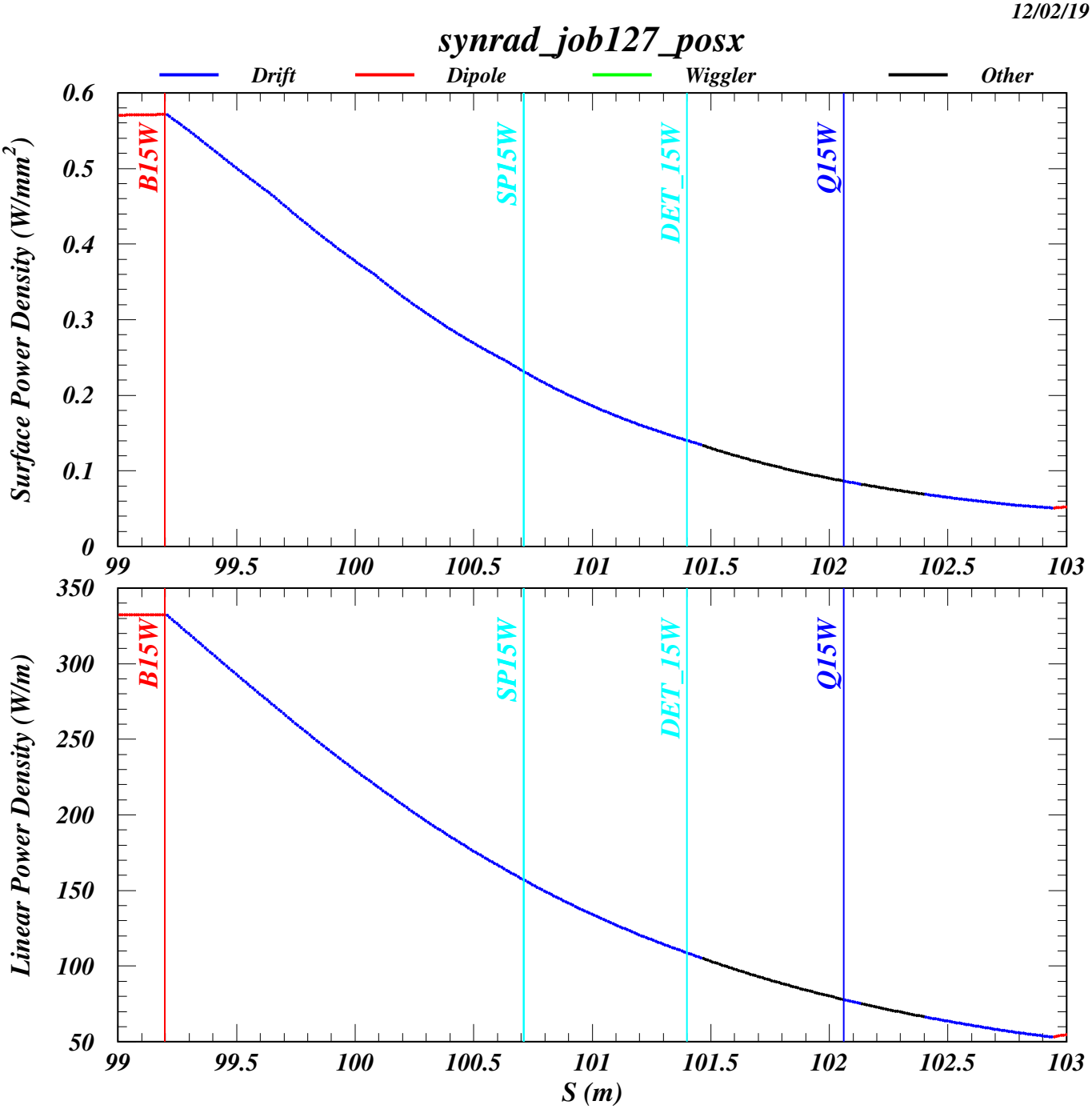

synrad_job127_posx
Drift
Dipole
Wiggler
Other
B15W
SP15W
DET_15W
Q15W
Critical Energy (keV)
5.609
5.608
5.607
5.606
5.605
5.604
99
99.5
100
100.5
101
101.5
102
102.5
103
Photons/m/Beam Particle
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
S(m)

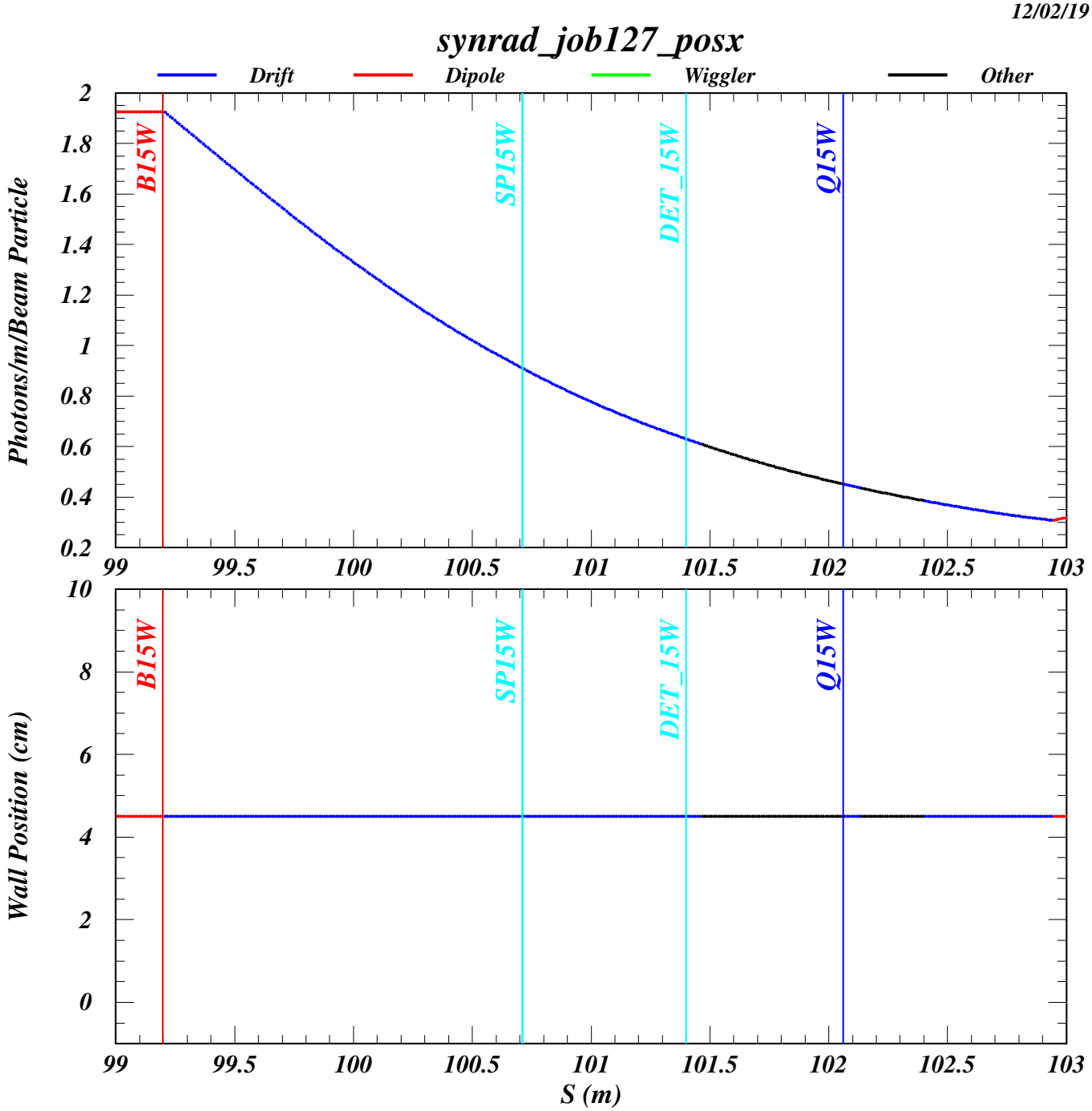
12/02/19 13.47


synrad_job127_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
B15W
SP15W
DET_15W
Q15W

12/02/19 13.47


synrad_job127_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1280
1260
1240
1220
1200
1180
1160
1140
1120
1100
1080
B15W
SP15W
DET_15W
Q15W
99
99.5
100
100.5
101
101.5
102
102.5
103
Vertical Beam Size (μm)
310
300
290
280
270
260
S(m)


synrad_job127_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
0.6
0.5
0.4
0.3
0.2
0.1
0
B15W
SP15W
DET_15W
Q15W
99
99.5
100
100.5
101
101.5
102
102.5
103
Linear Power Density (W/m)
350
300
250
200
150
100
50
S (m)


synrad_job127_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
B15W
SP15W
DET_15W
Q15W
Wall Position (cm)
S (m)