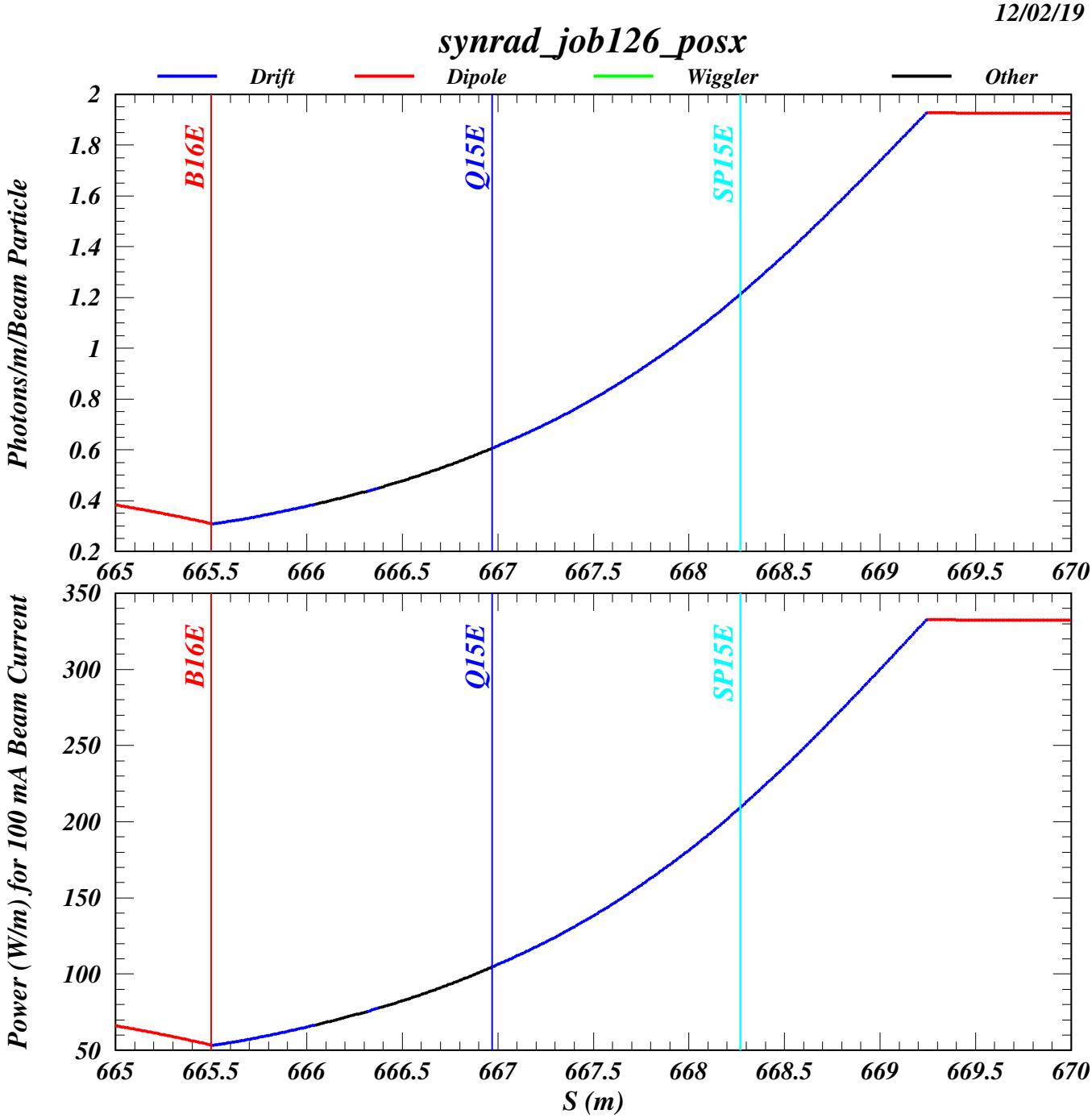
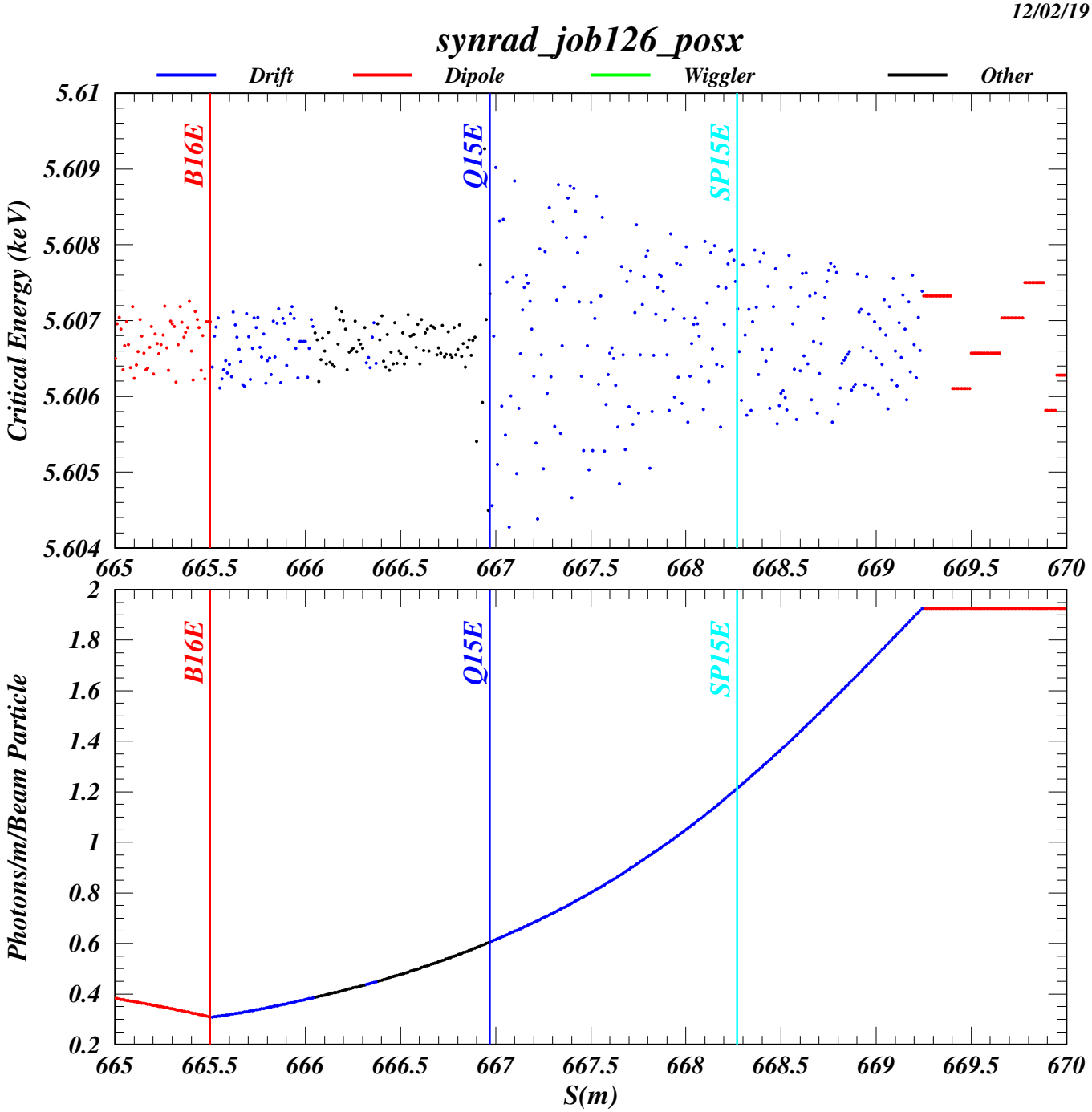
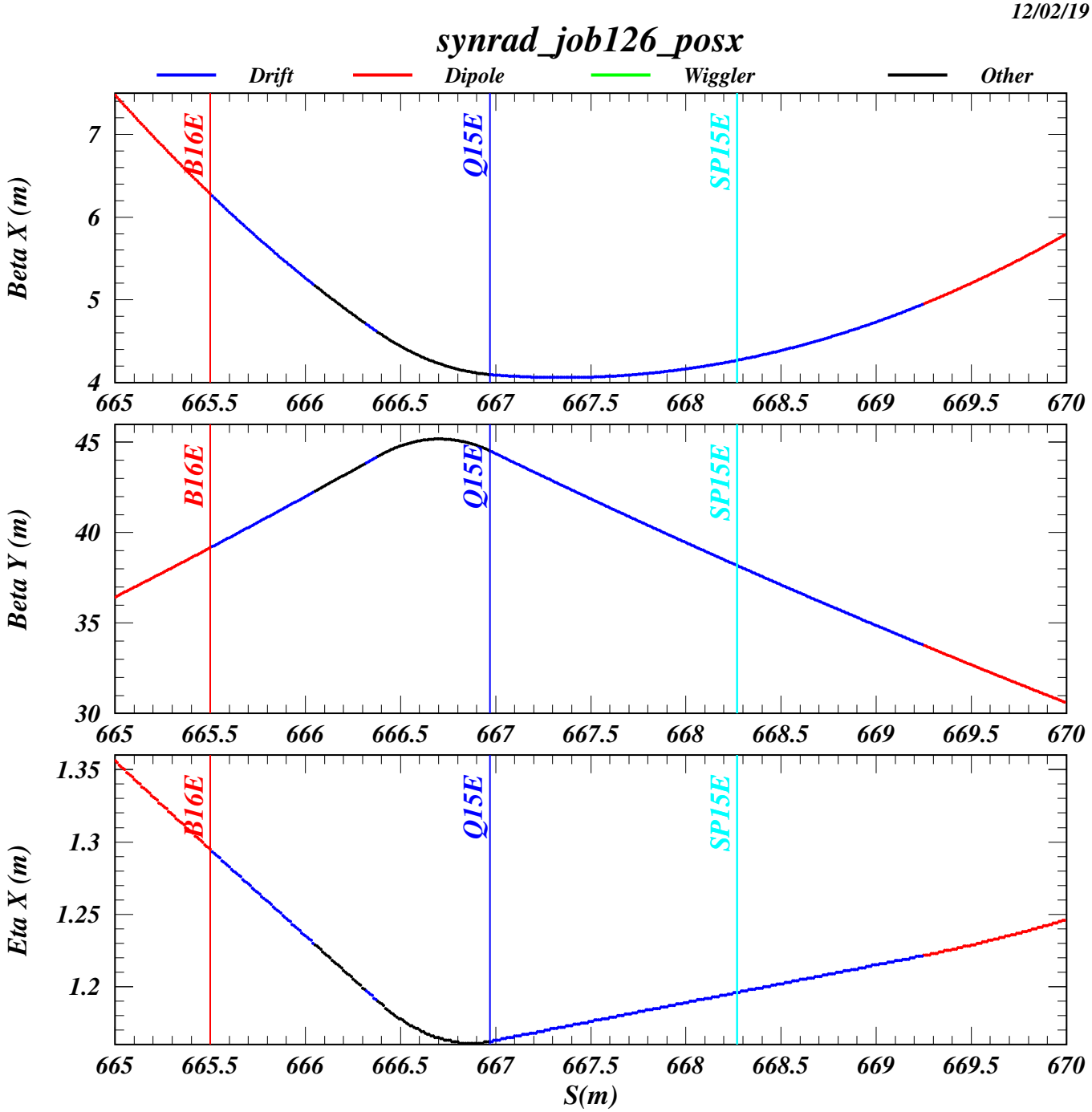
12/02/19 13.43


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S (m)
B16E
Q15E
SP15E
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
665
665.5
666
666.5
667
667.5
668
668.5
669
669.5
670

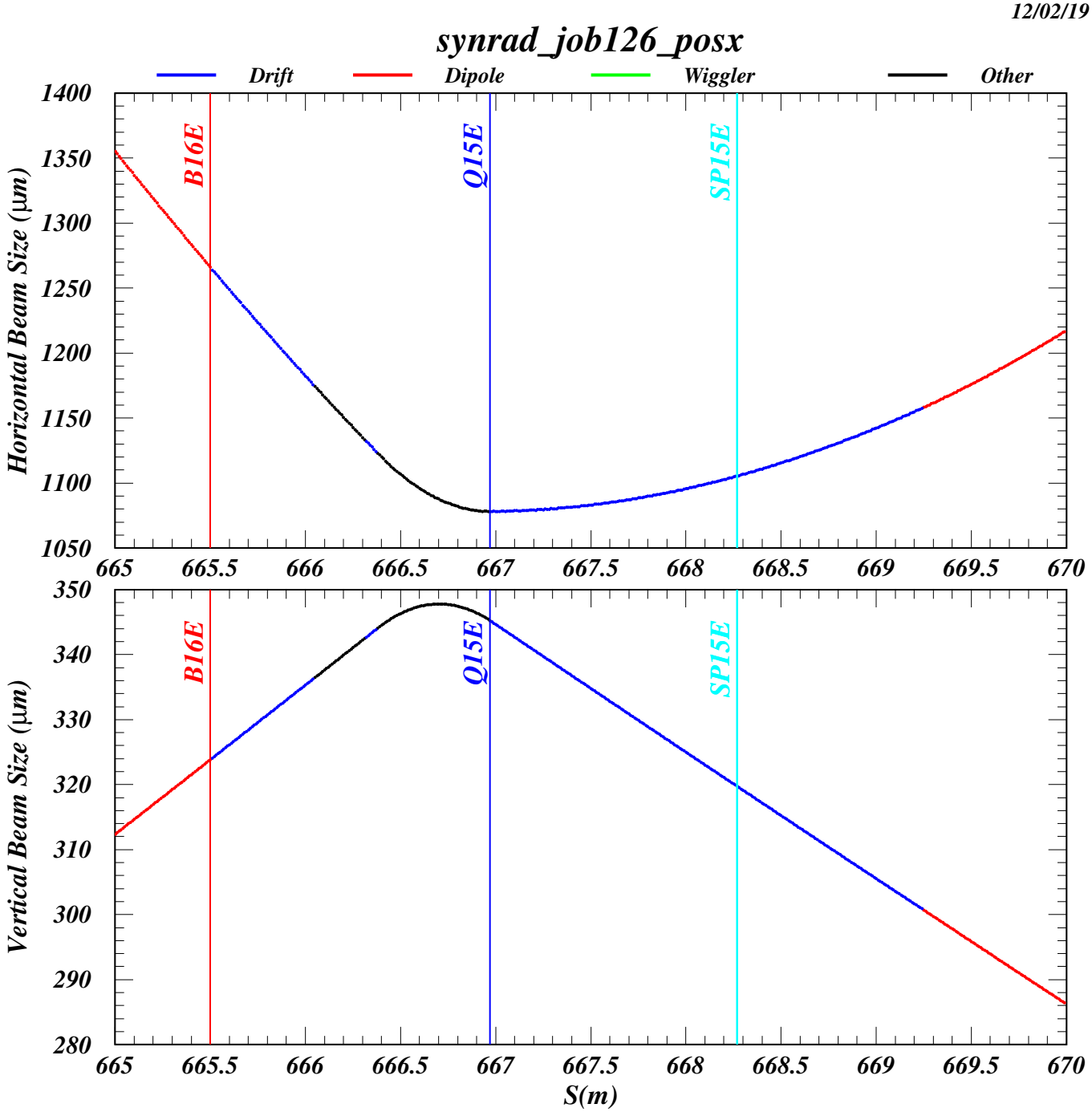
12/02/19 13.43


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Critical Energy (keV)
5.61
5.609
5.608
5.607
5.606
5.605
5.604
B16E
Q15E
SP15E
665
665.5
666
666.5
667
667.5
668
668.5
669
669.5
670
Photons/m/Beam Particle
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
S(m)

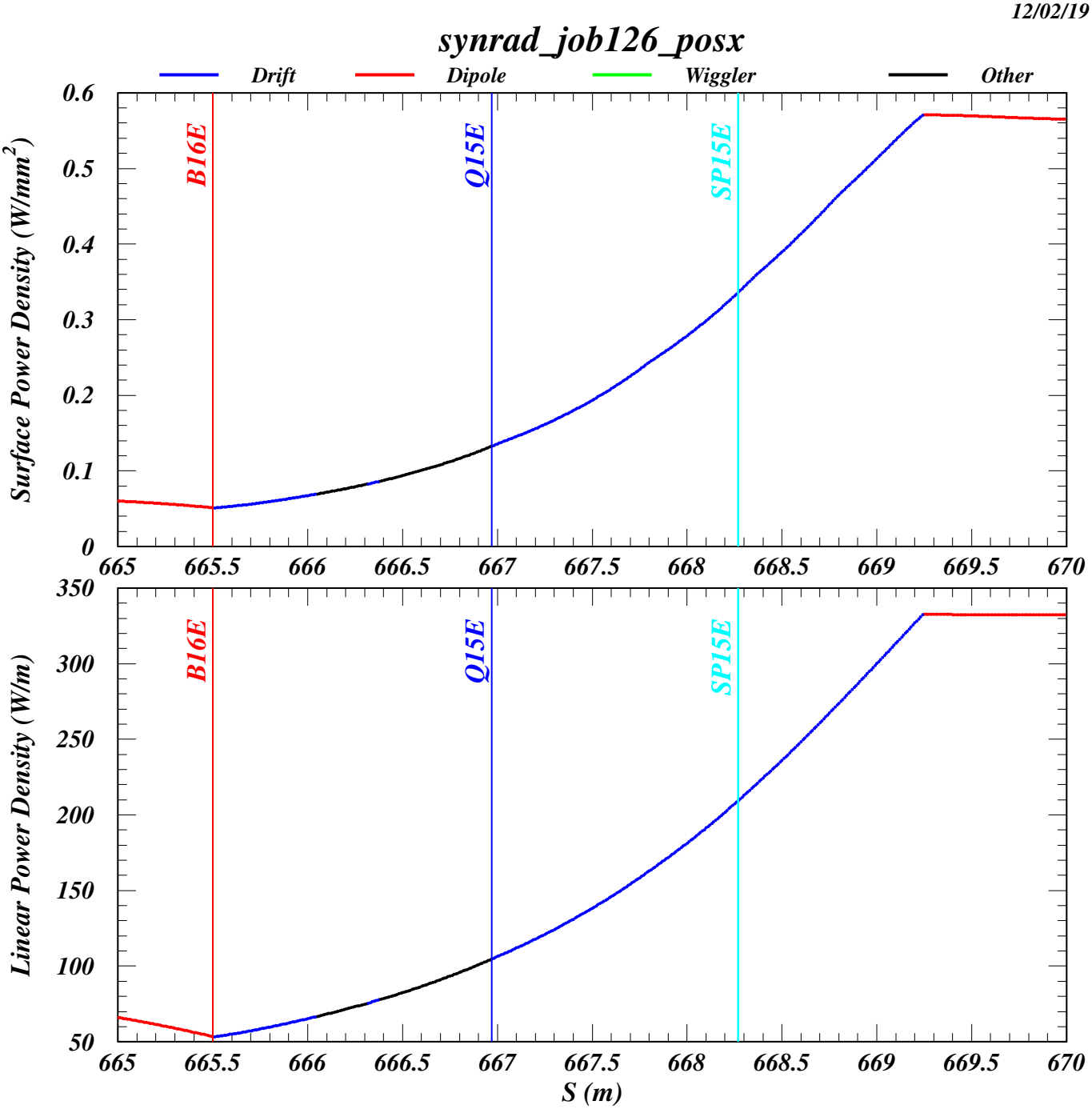
12/02/19 13.43


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
B16E
Q15E
SP15E

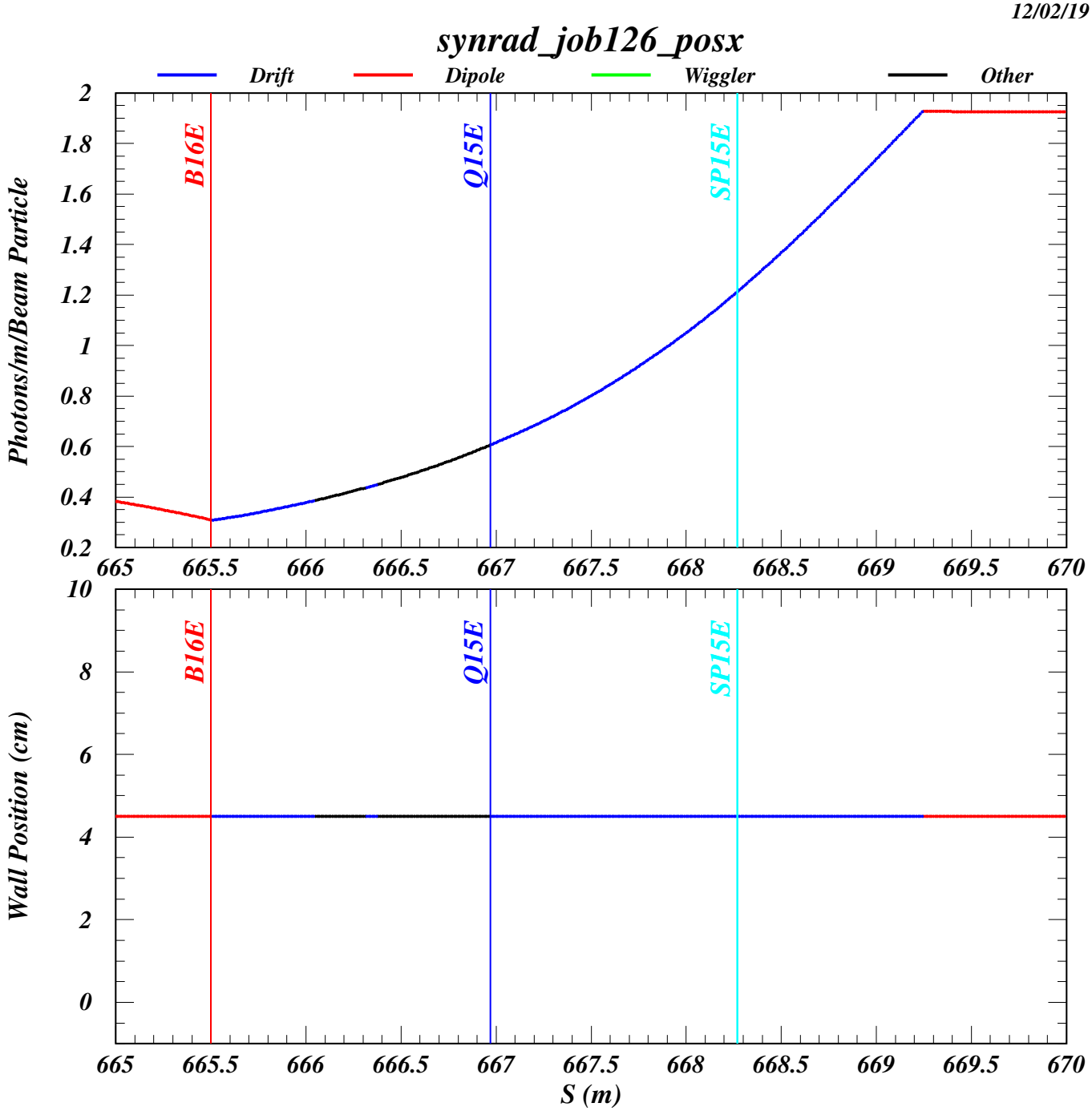
12/02/19 13.43


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1400
1350
1300
1250
1200
1150
1100
1050
B16E
Q15E
SP15E
665
665.5
666
666.5
667
667.5
668
668.5
669
669.5
670
Vertical Beam Size (μm)
350
340
330
320
310
300
290
280
S(m)

12/02/19 13.43


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
Linear Power Density (W/m)
S (m)
B16E
Q15E
SP15E
0.6
0.5
0.4
0.3
0.2
0.1
0
350
300
250
200
150
100
50
665
665.5
666
666.5
667
667.5
668
668.5
669
669.5
670

12/02/19 13.43


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
B16E
Q15E
SP15E
Wall Position (cm)
S (m)