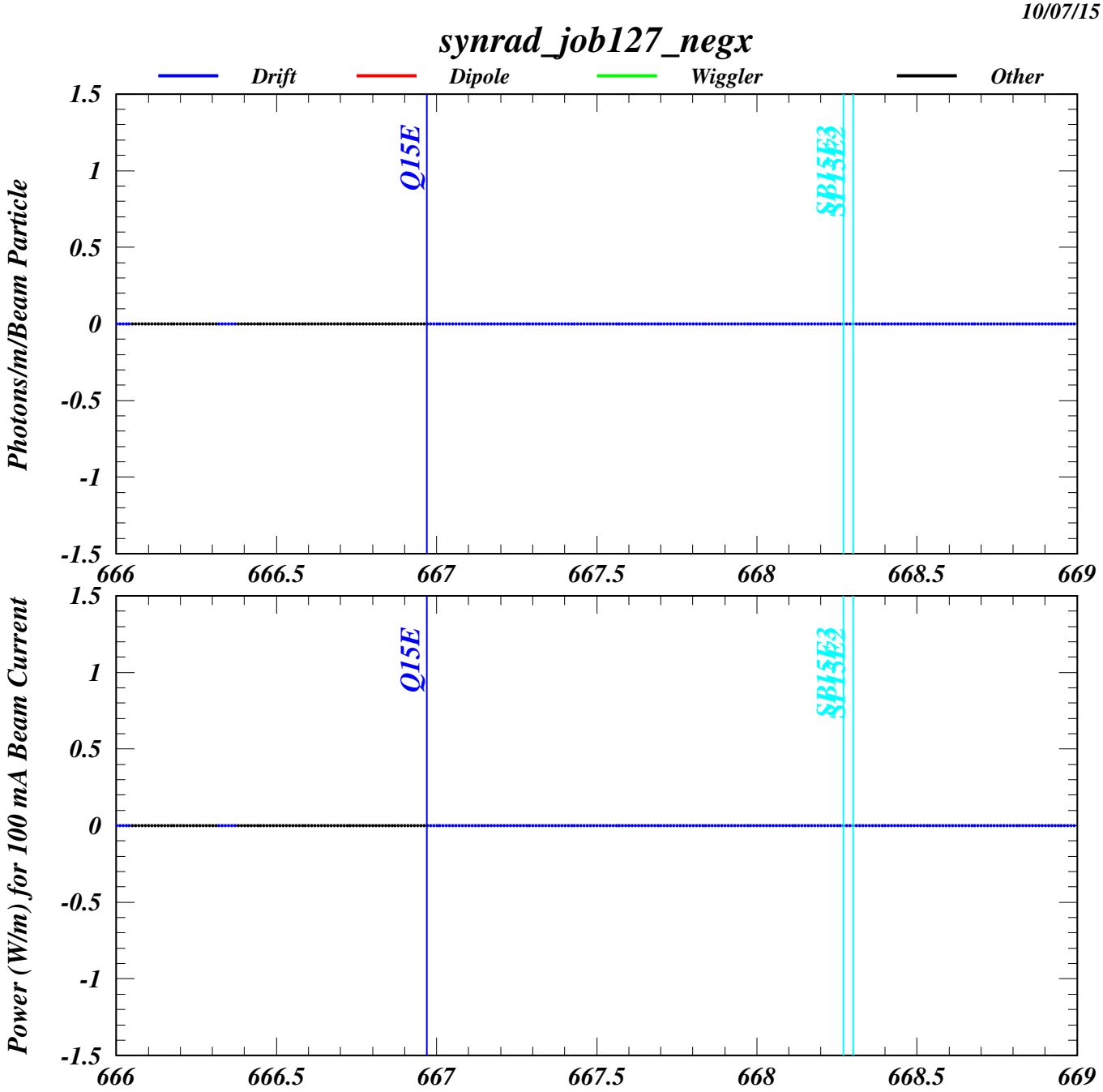
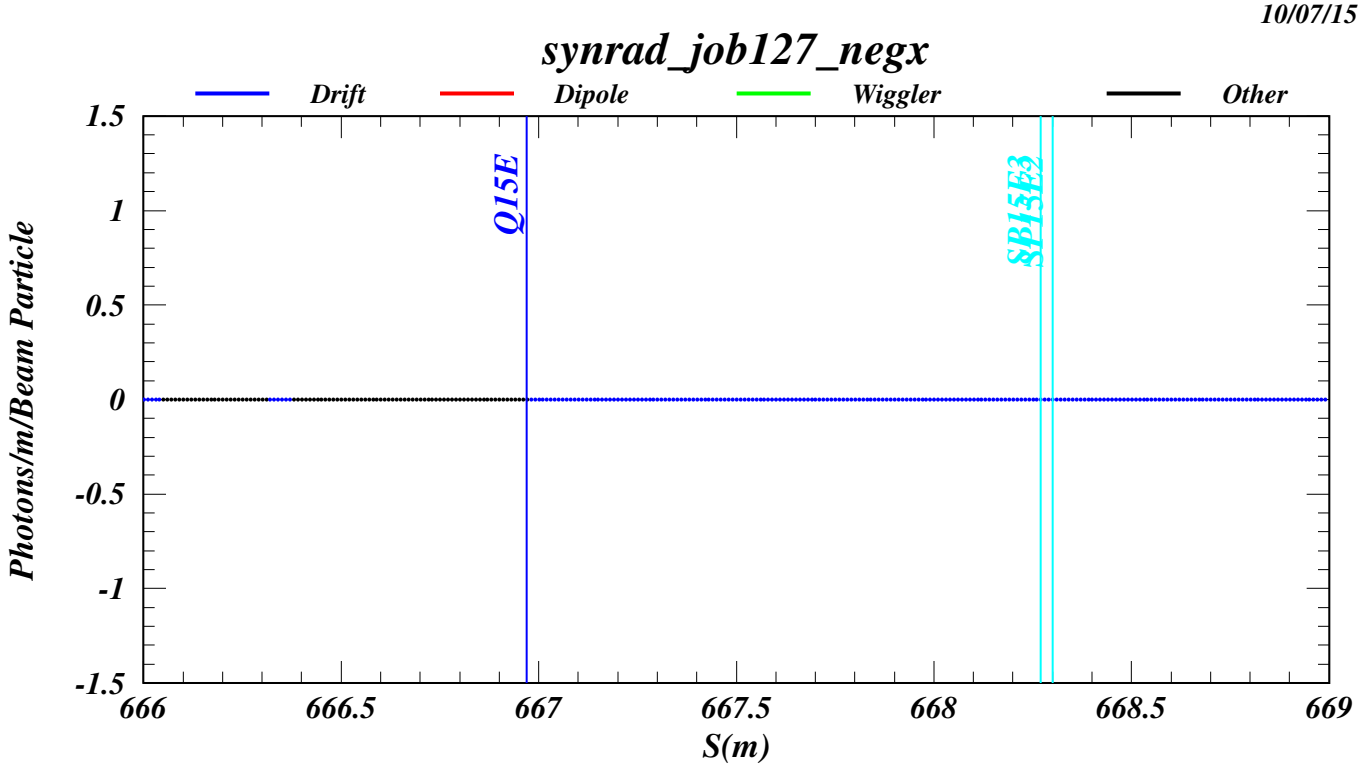
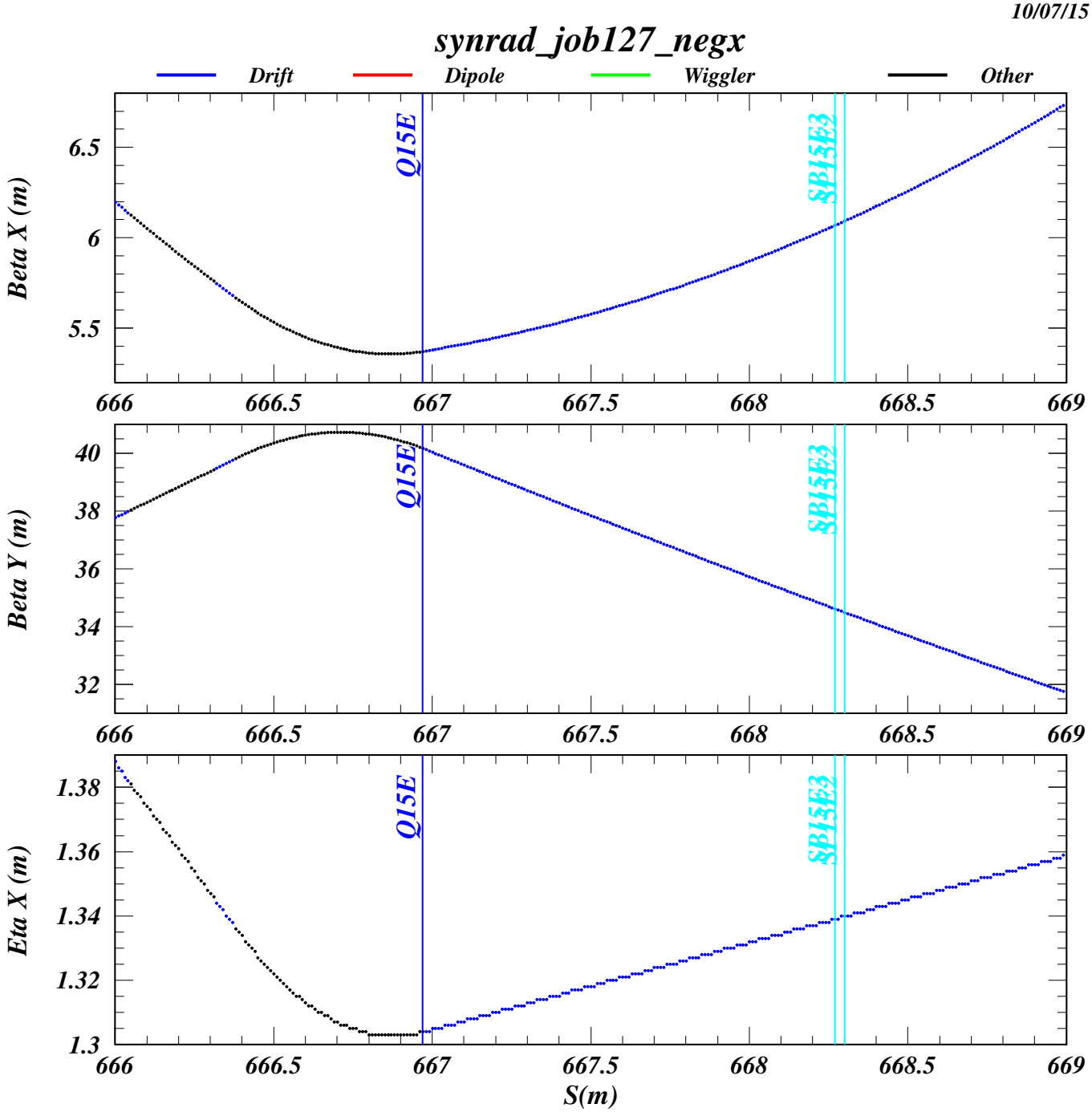
10/07/15 15.58


synrad_job127_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
Q15E
SB15E3
1.5
1
0.5
0
-0.5
-1
-1.5
666
666.5
667
667.5
668
668.5
669

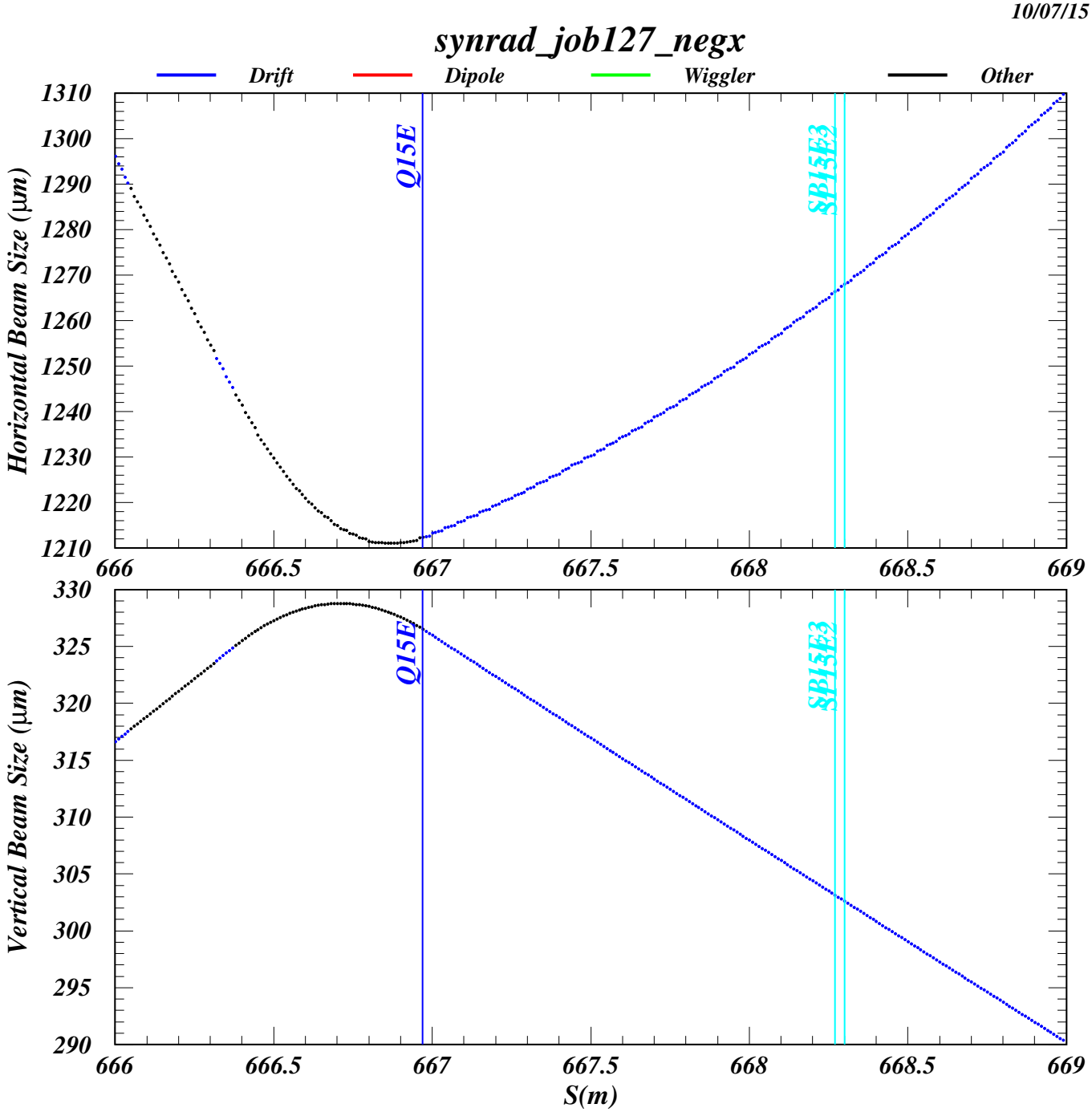
10/07/15 15.58


synrad_job127_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
1.5
1
0.5
0
-0.5
-1
-1.5
Q15E
SB15E3
666
666.5
667
667.5
668
668.5
669
S(m)

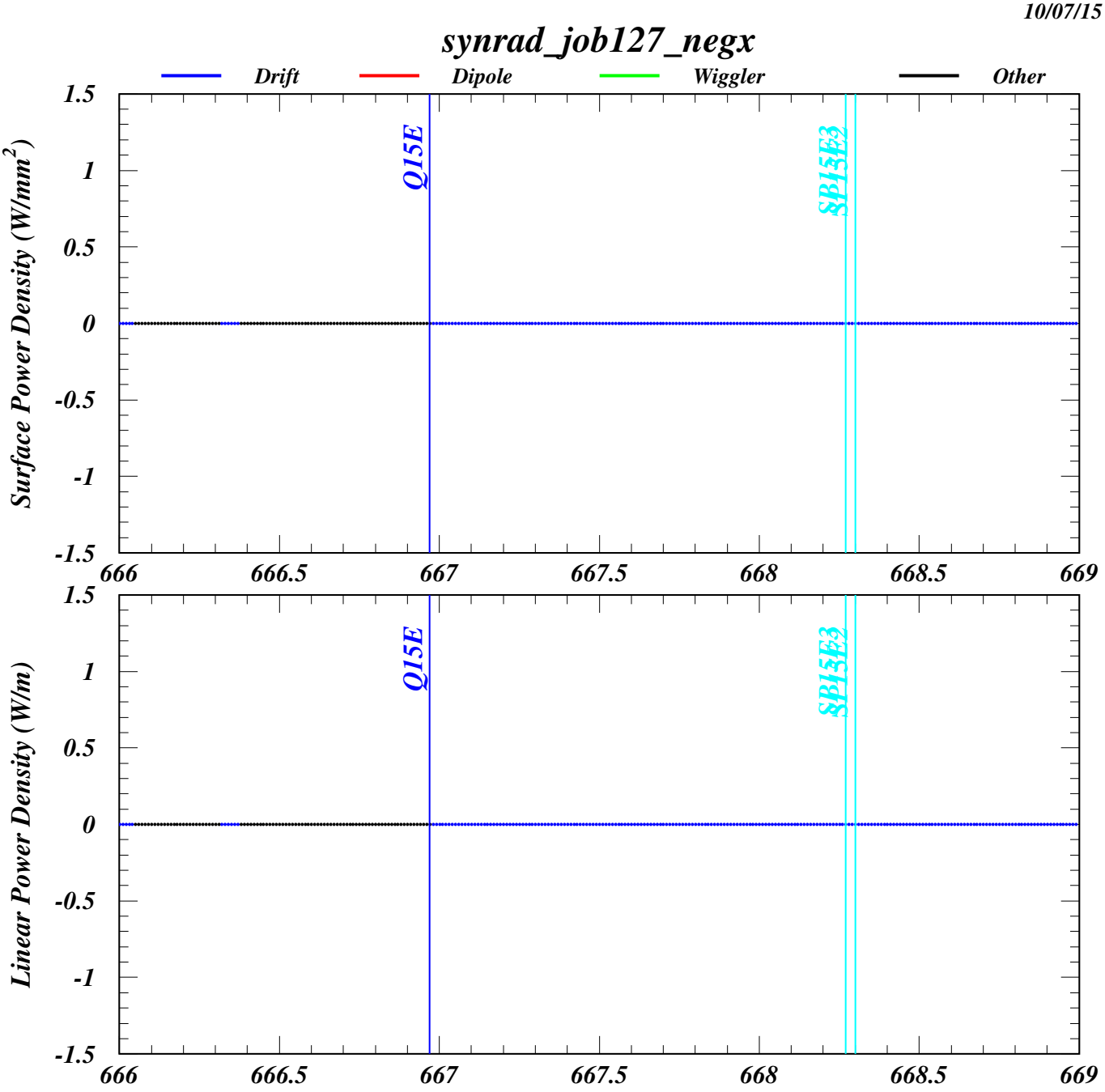
10/07/15 15.58


synrad_job127_negx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
Q15E
SB15E3
666
666.5
667
667.5
668
668.5
669
6.5
6
5.5
40
38
36
34
32
1.38
1.36
1.34
1.32
1.3

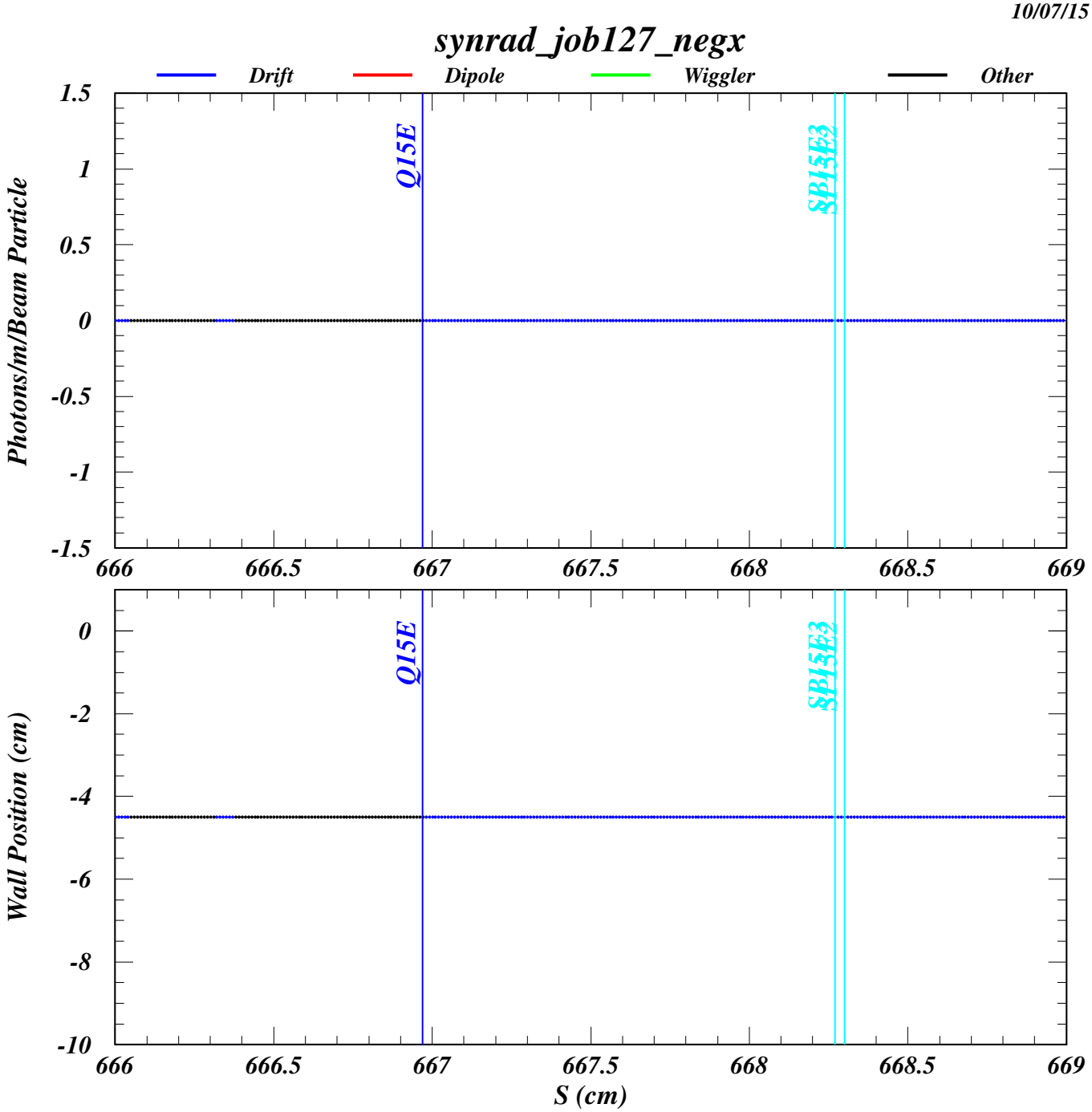
10/07/15 15.58


synrad_job127_negx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
Vertical Beam Size (μm)
S(m)
Q15E
SB15E3
1310
1300
1290
1280
1270
1260
1250
1240
1230
1220
1210
330
325
320
315
310
305
300
295
290
666
666.5
667
667.5
668
668.5
669

10/07/15 15.58


synrad_job127_negx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
Linear Power Density (W/m)
Q15E
SB15E3
1.5
1
0.5
0
-0.5
-1
-1.5
666
666.5
667
667.5
668
668.5
669

10/07/15 15.58


synrad_job127_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
1.5
1
0.5
0
-0.5
-1
-1.5
Q15E
SB15E3
666
666.5
667
667.5
668
668.5
669
Wall Position (cm)
0
-2
-4
-6
-8
-10
S (cm)