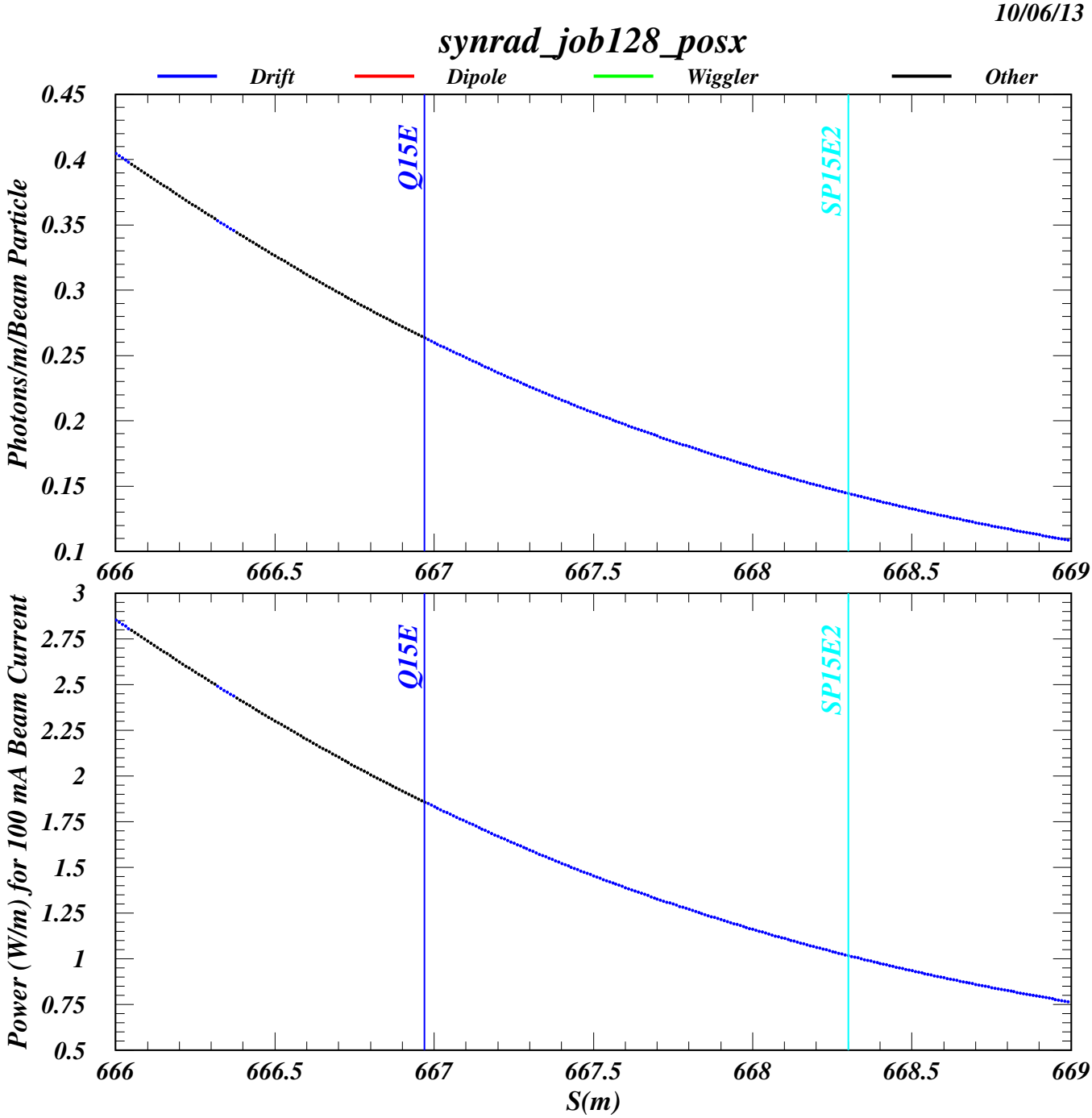
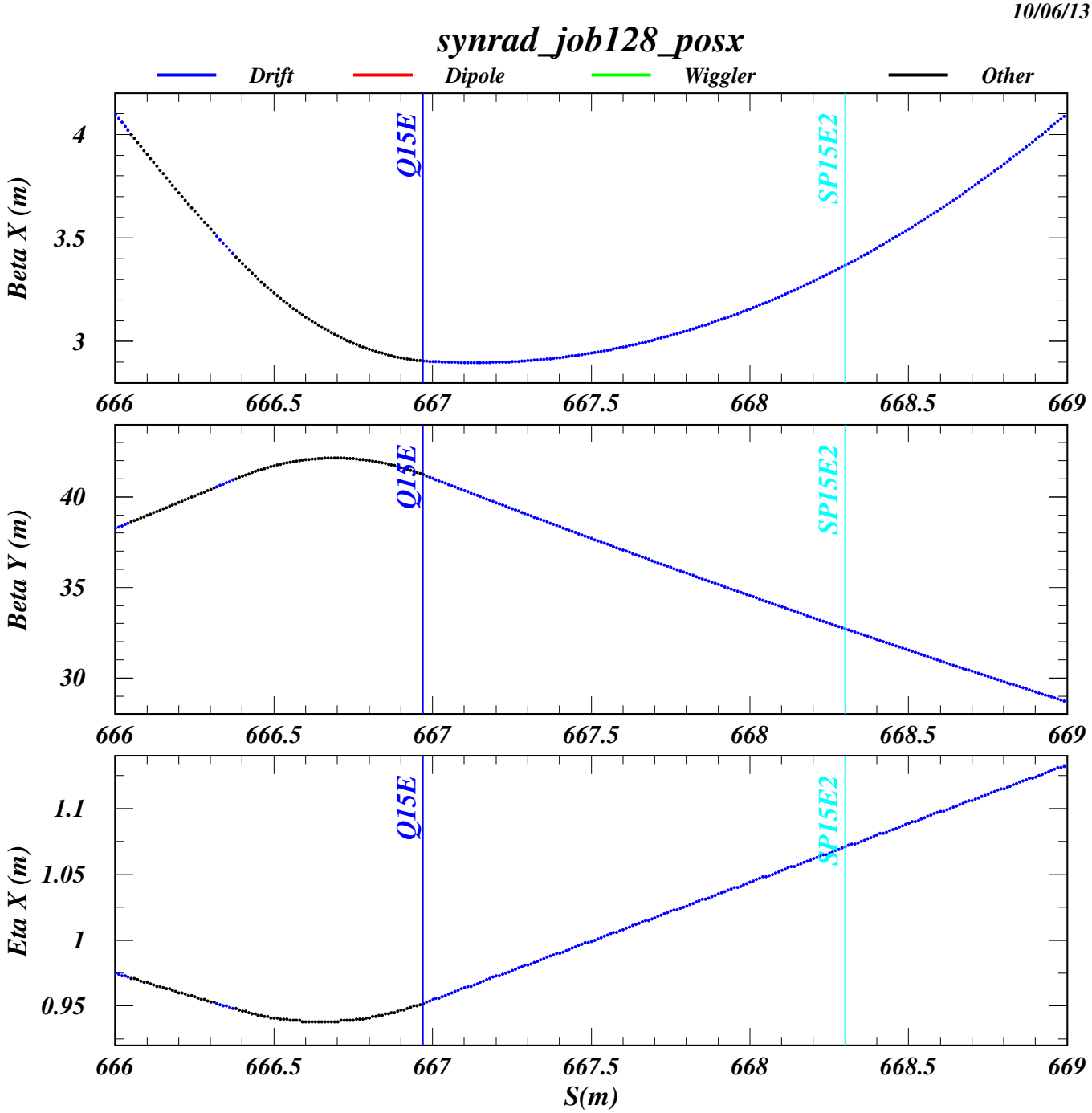
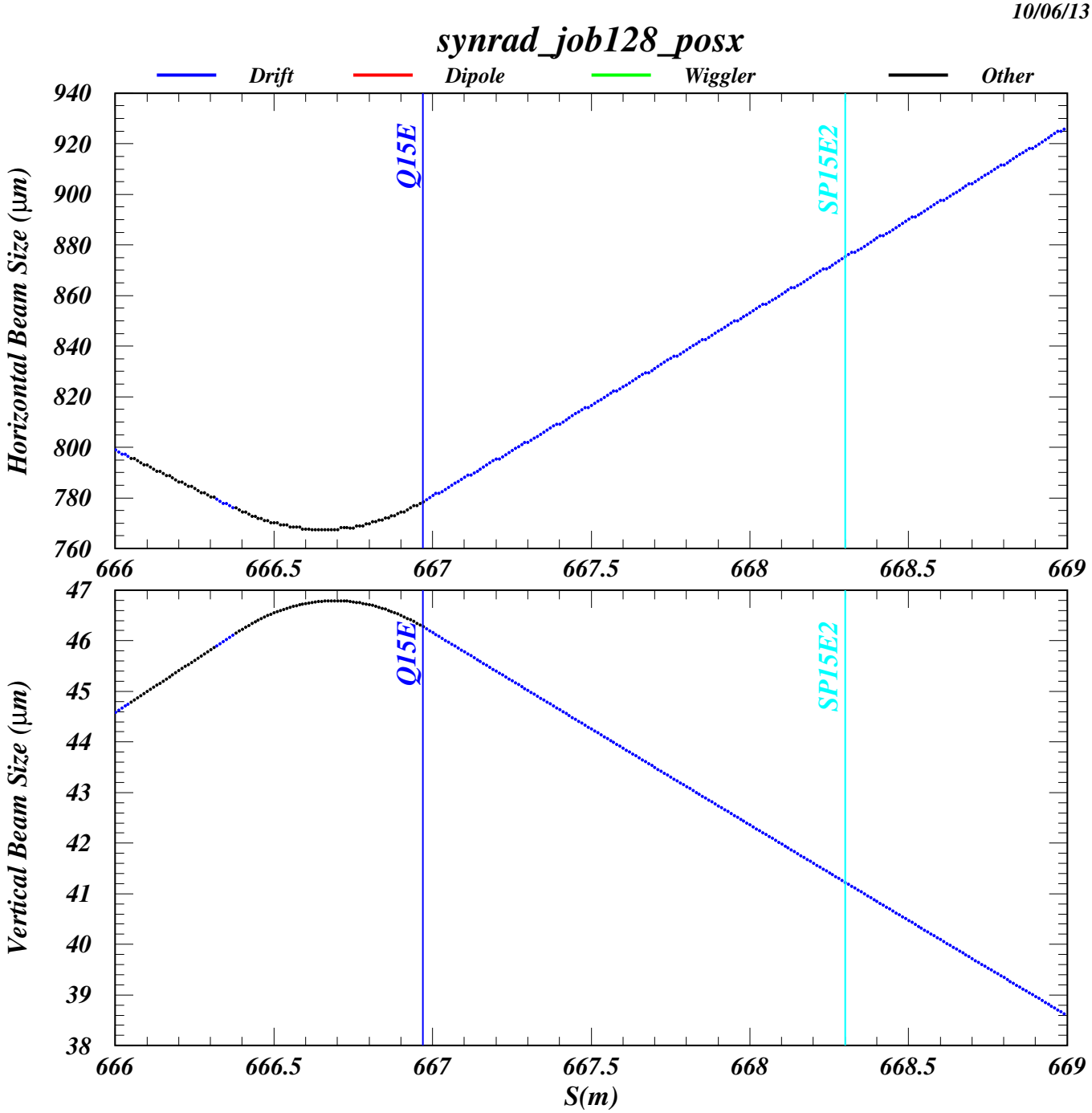
10/06/13 19.15

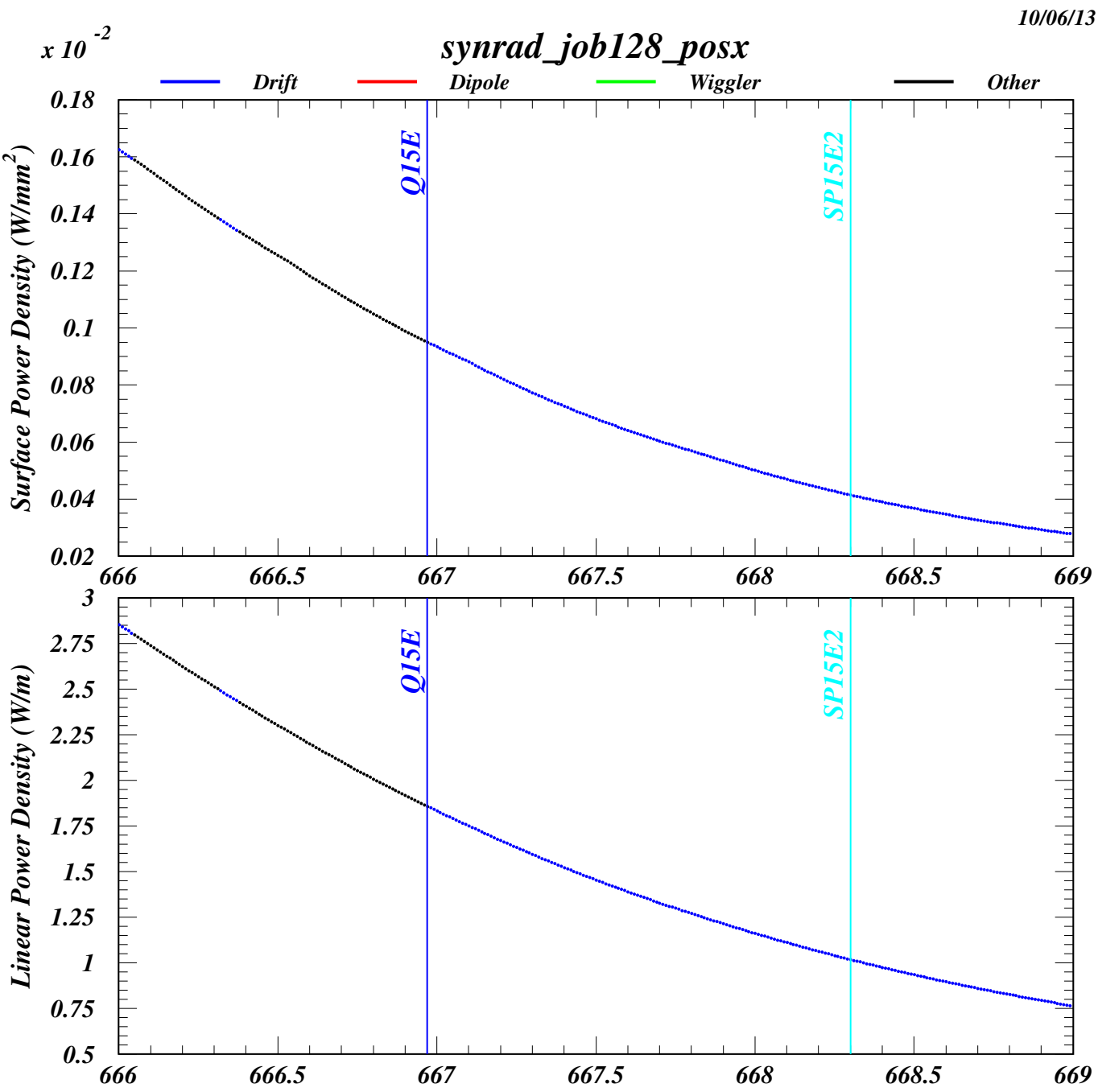

synrad_job128_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S(m)
Q15E
SP15E2
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
3
2.75
2.5
2.25
2
1.75
1.5
1.25
1
0.75
0.5
666
666.5
667
667.5
668
668.5
669

10/06/13 19.15

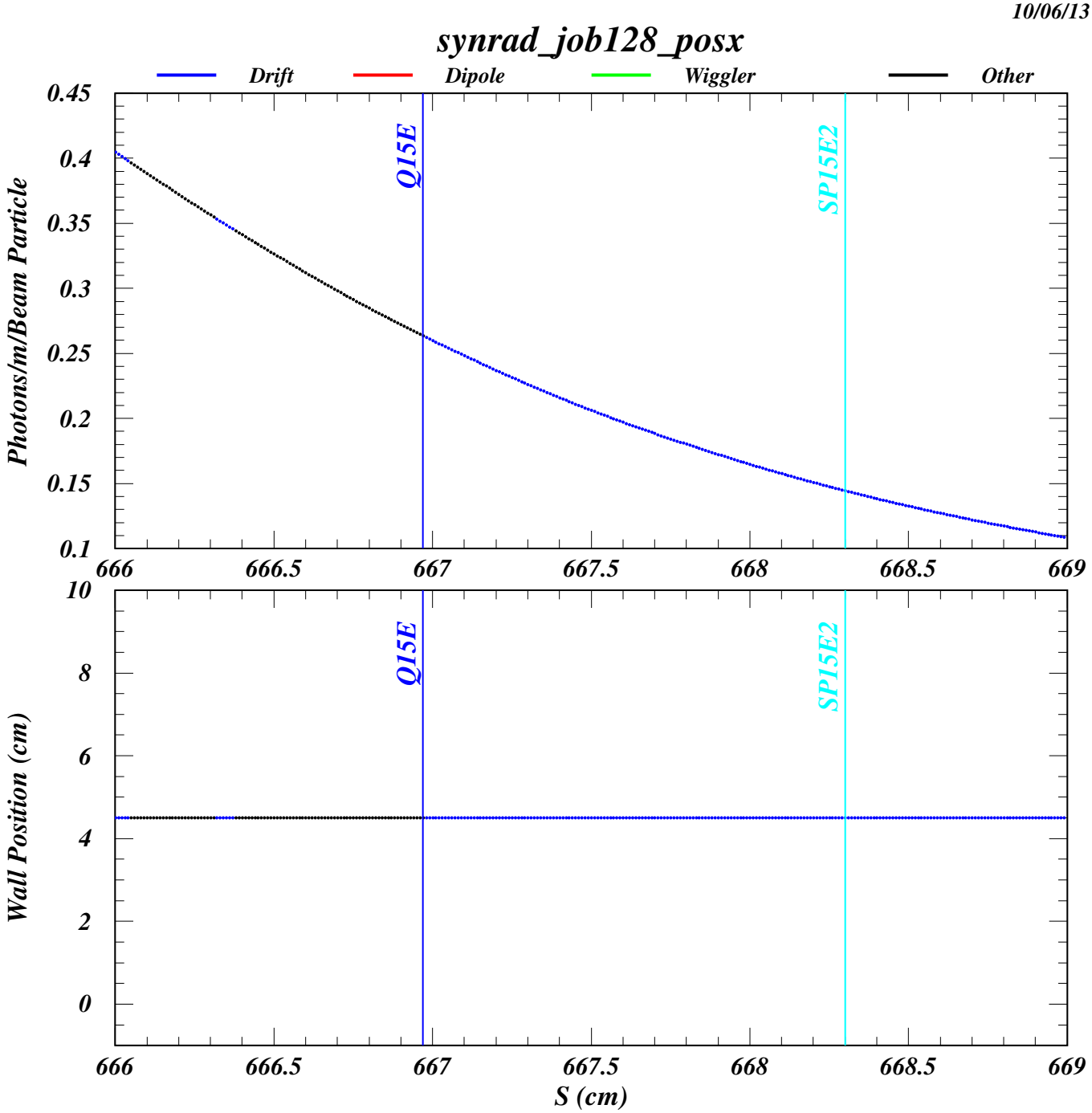

synrad_job128_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
Q15E
SP15E2
S(m)

10/06/13 19.15


synrad_job128_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
940
920
900
880
860
840
820
800
780
760
Q15E
SP15E2
666
666.5
667
667.5
668
668.5
669
Vertical Beam Size (μm)
47
46
45
44
43
42
41
40
39
38
Q15E
SP15E2
666
666.5
667
667.5
668
668.5
669
S(m)


10/06/13 19.15
synrad_job128_posx
x 10 -2
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm2)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
Q15E
SP15E2
666
666.5
667
667.5
668
668.5
669
Linear Power Density (W/m)
3
2.75
2.5
2.25
2
1.75
1.5
1.25
1
0.75
0.5
Q15E
SP15E2
666
666.5
667
667.5
668
668.5
669

10/06/13 19.15


synrad_job128_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
Q15E
SP15E2
666
666.5
667
667.5
668
668.5
669
Wall Position (cm)
10
8
6
4
2
0
S (cm)