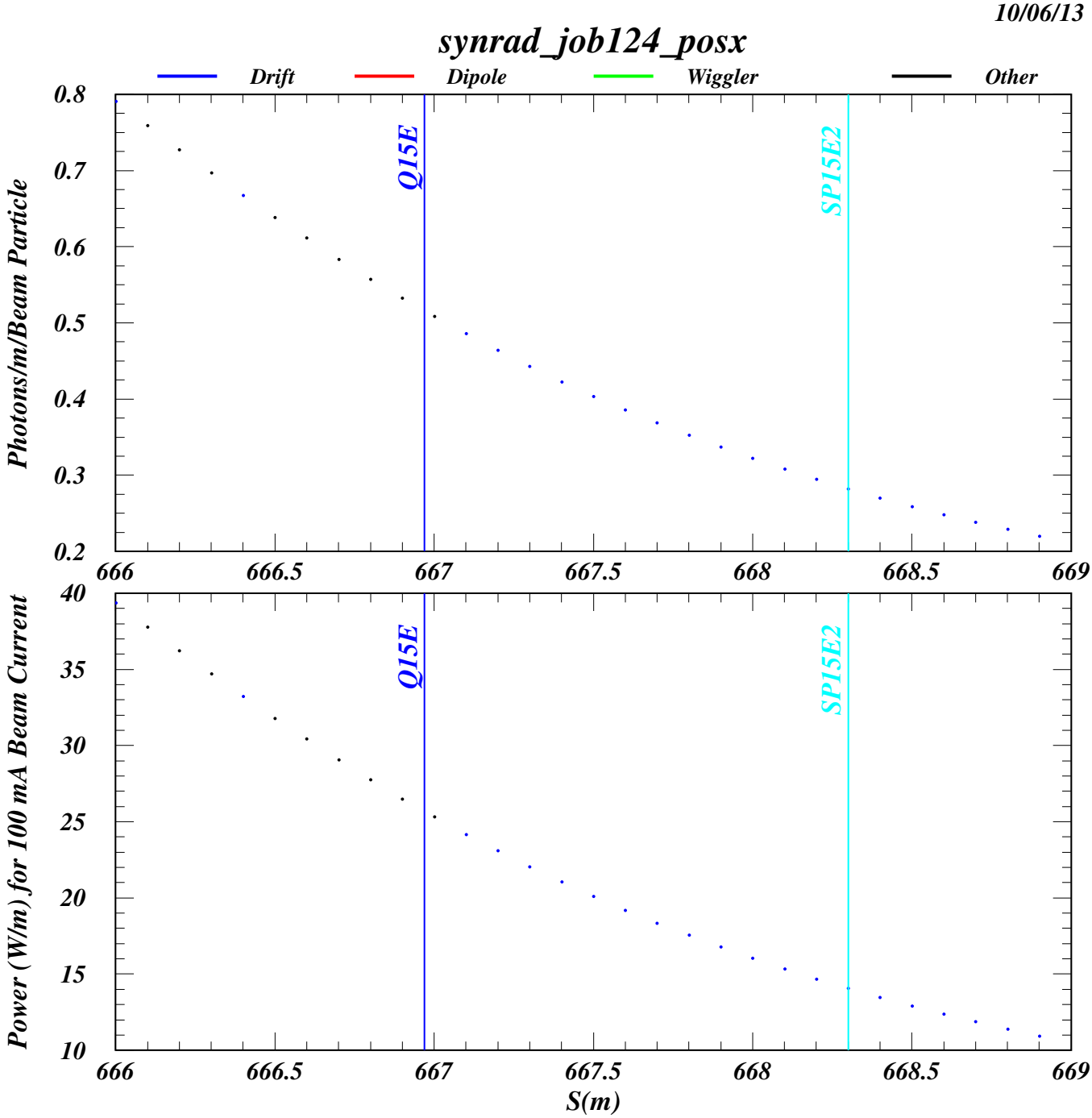
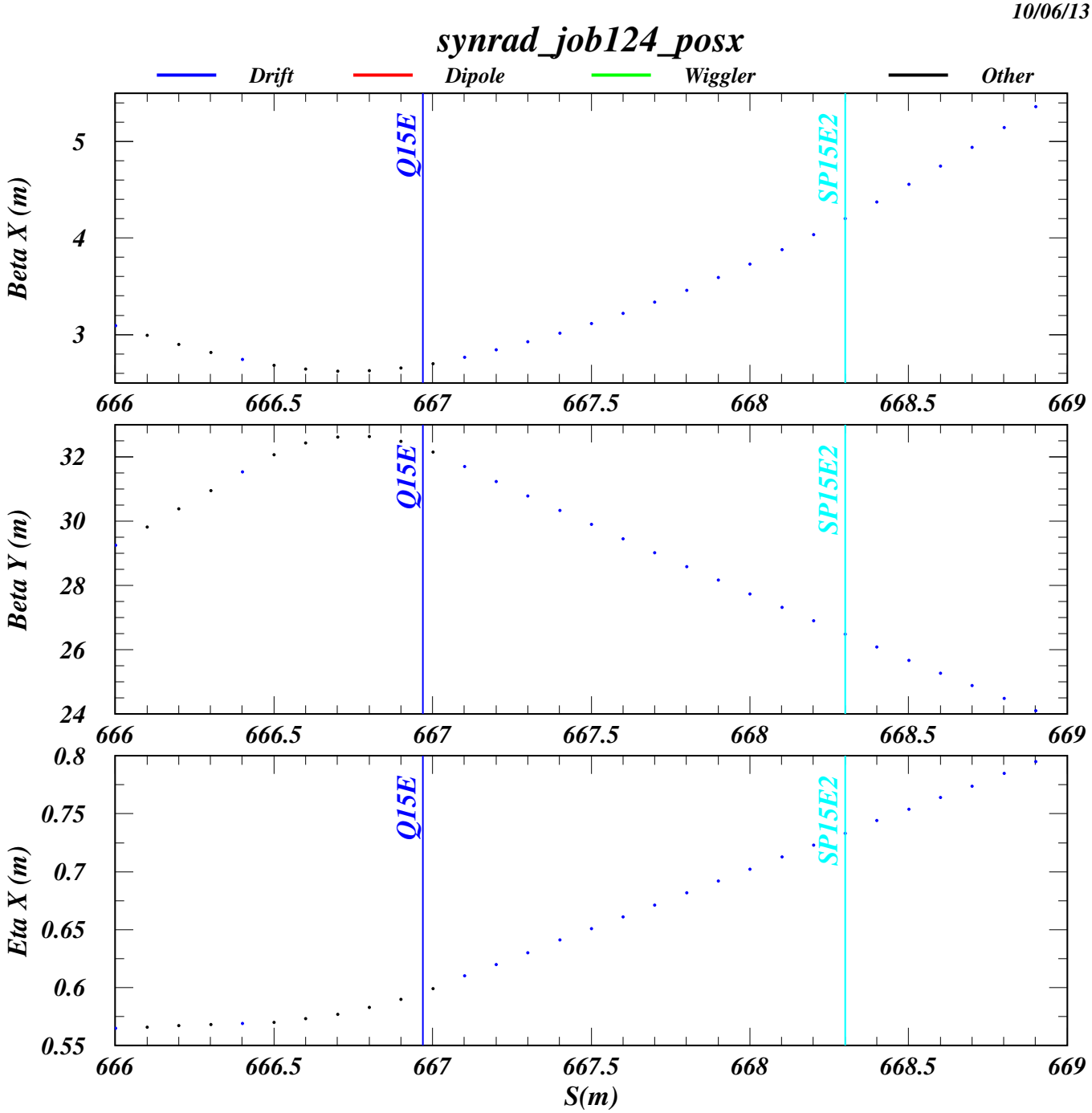
10/06/13 18.47


synrad_job124_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
Q15E
SP15E2
S(m)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
40
35
30
25
20
15
10
666
666.5
667
667.5
668
668.5
669

10/06/13 18.47


synrad_job124_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
Q15E
SP15E2
S(m)

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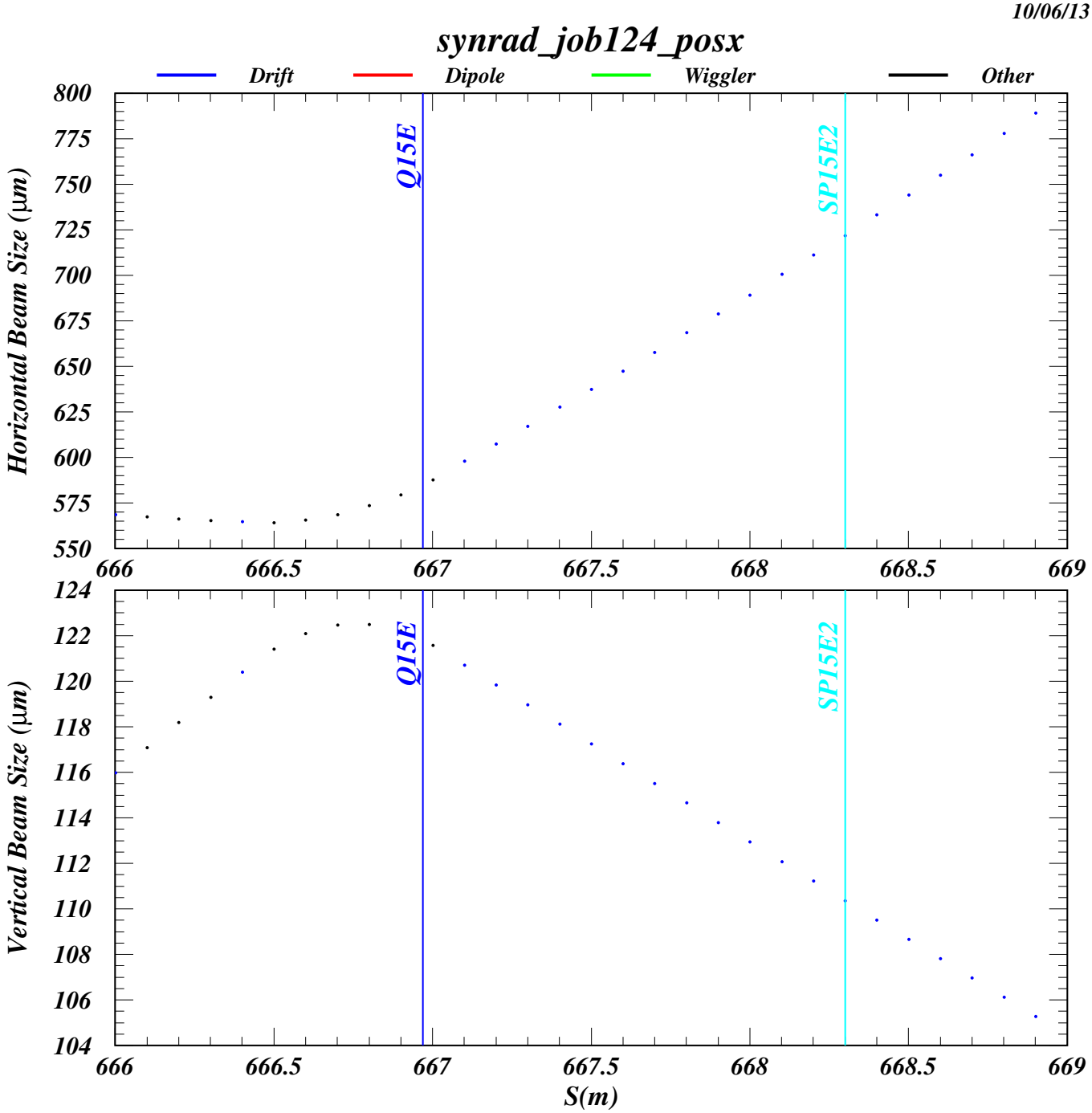
synrad_job124_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
Vertical Beam Size (μm)
Q15E
SP15E2
S(m)

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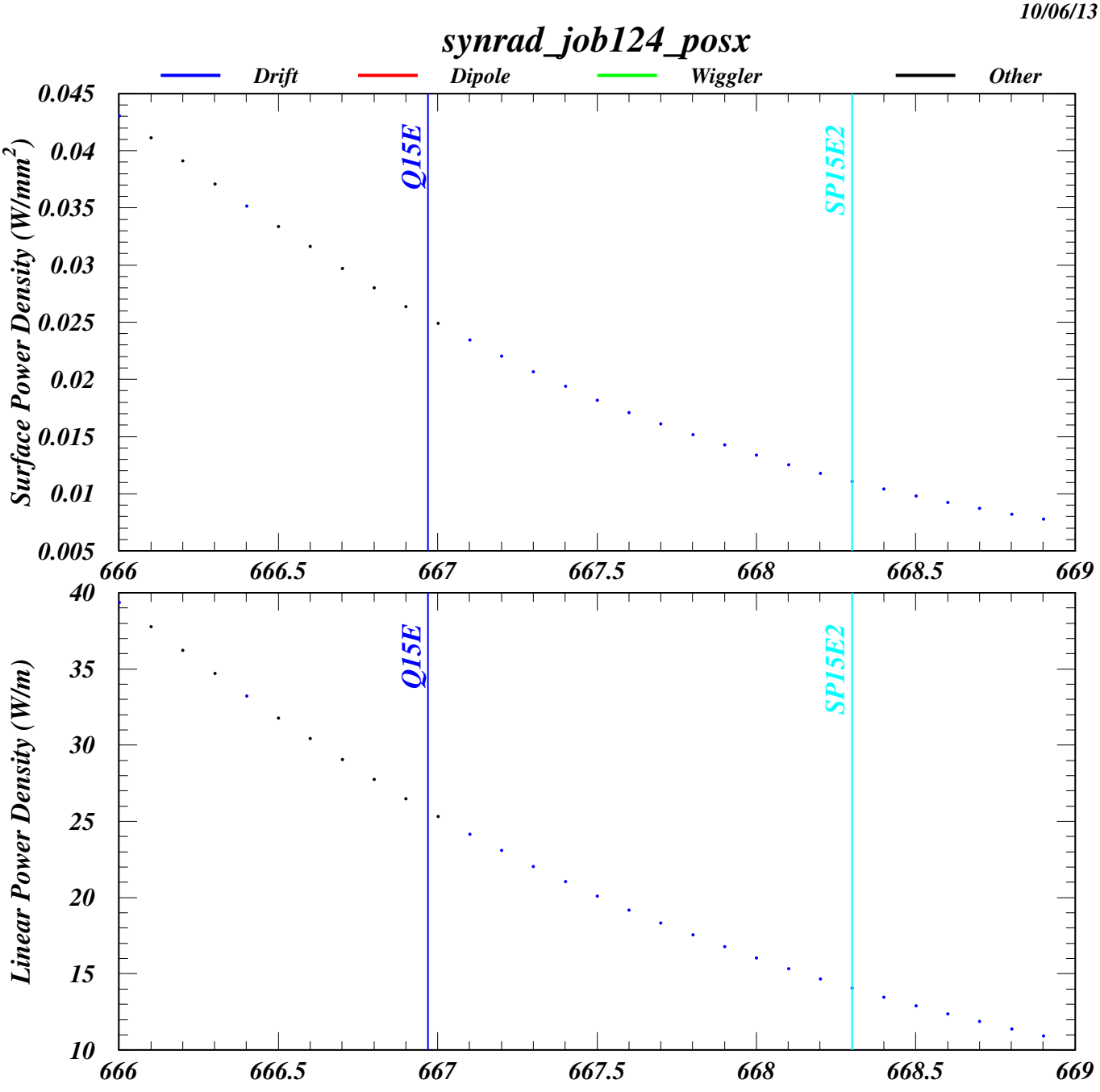
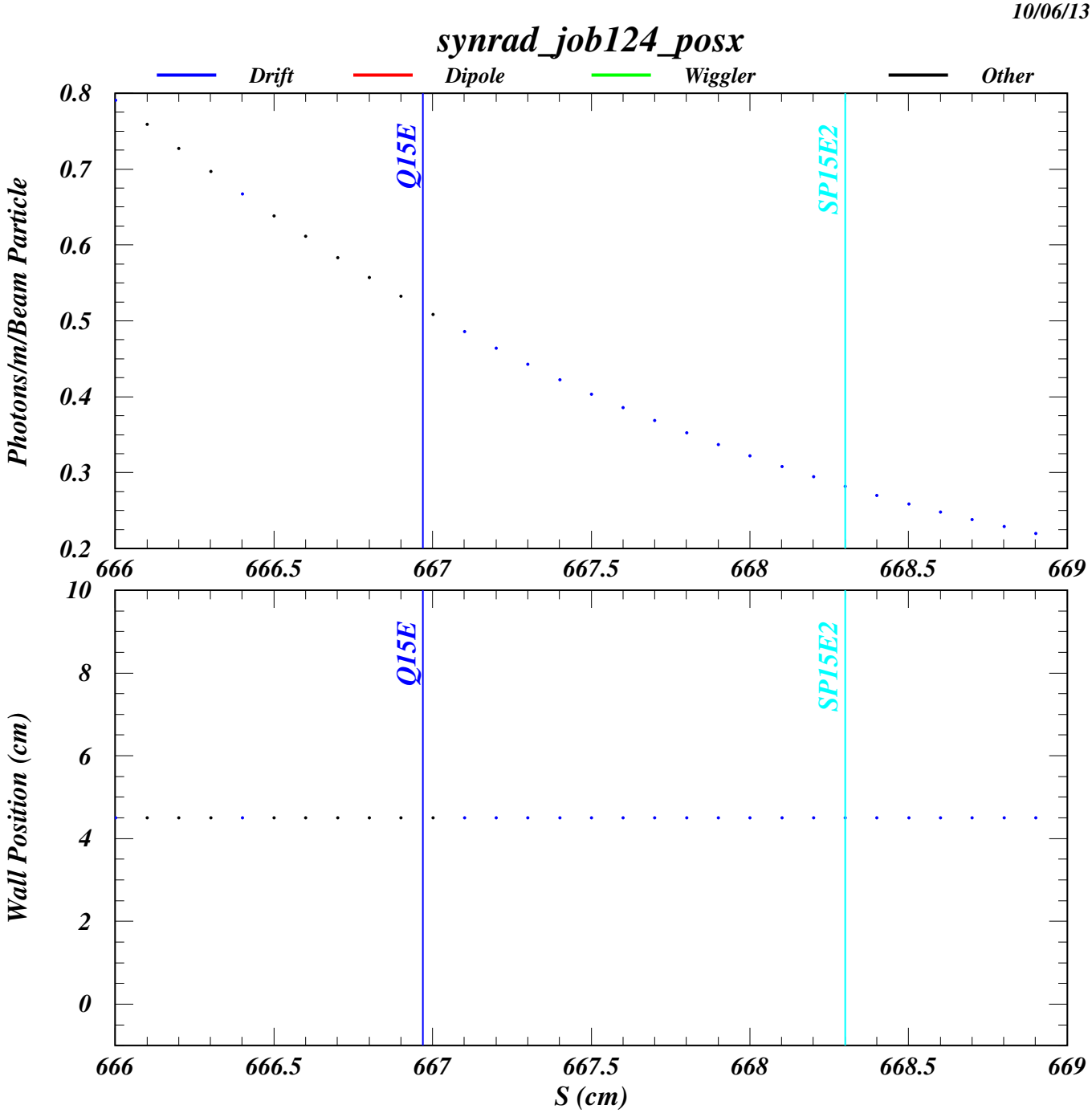

synrad_job124_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
Q15E
SP15E2
666
666.5
667
667.5
668
668.5
669
Linear Power Density (W/m)
40
35
30
25
20
15
10
Q15E
SP15E2
666
666.5
667
667.5
668
668.5
669

10/06/13 18.47


synrad_job124_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.8
0.7
0.6
0.5
0.4
0.3
0.2
Q15E
SP15E2
666
666.5
667
667.5
668
668.5
669
Wall Position (cm)
10
8
6
4
2
0
S (cm)