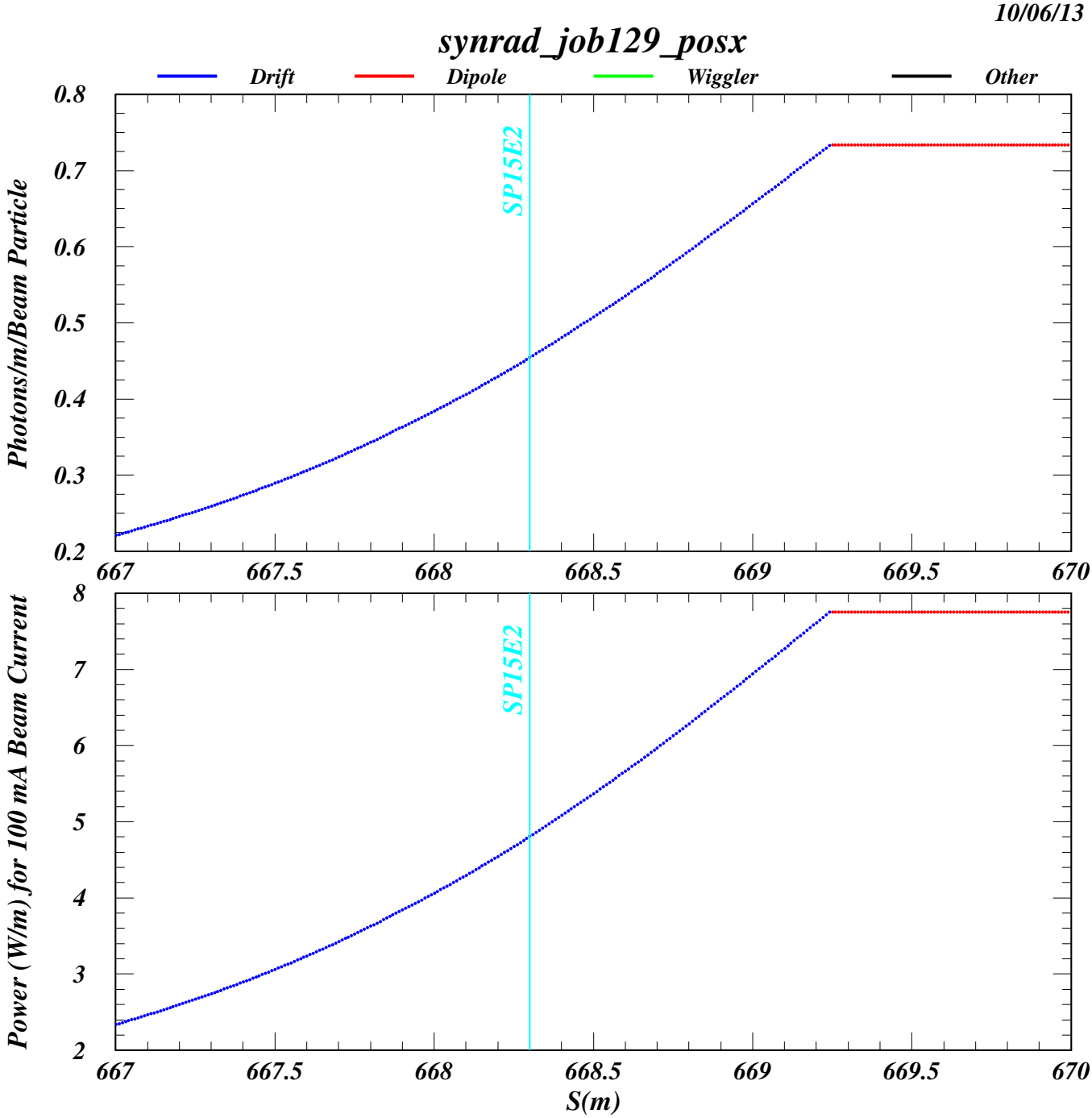
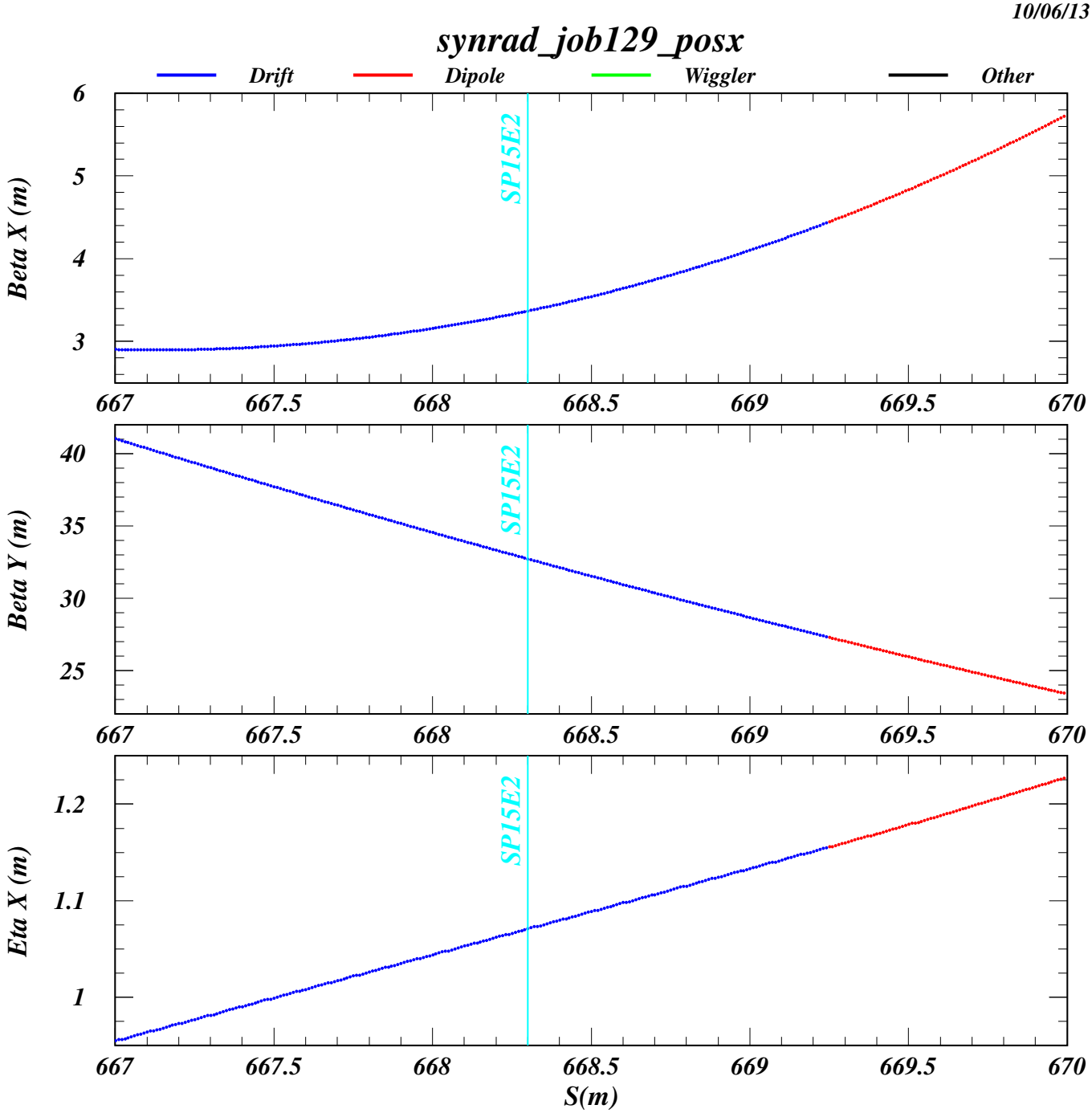
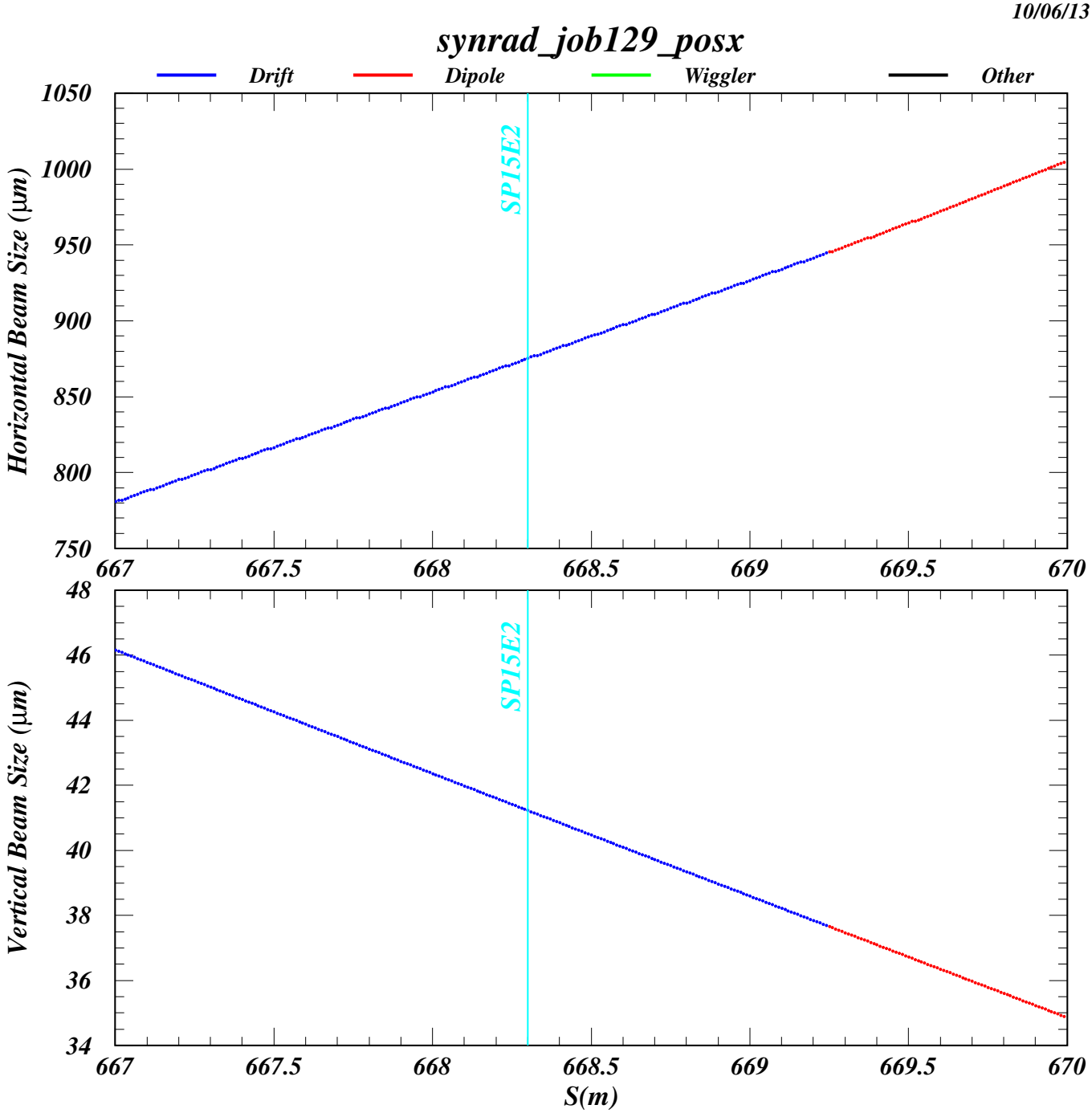
10/06/13 18.41

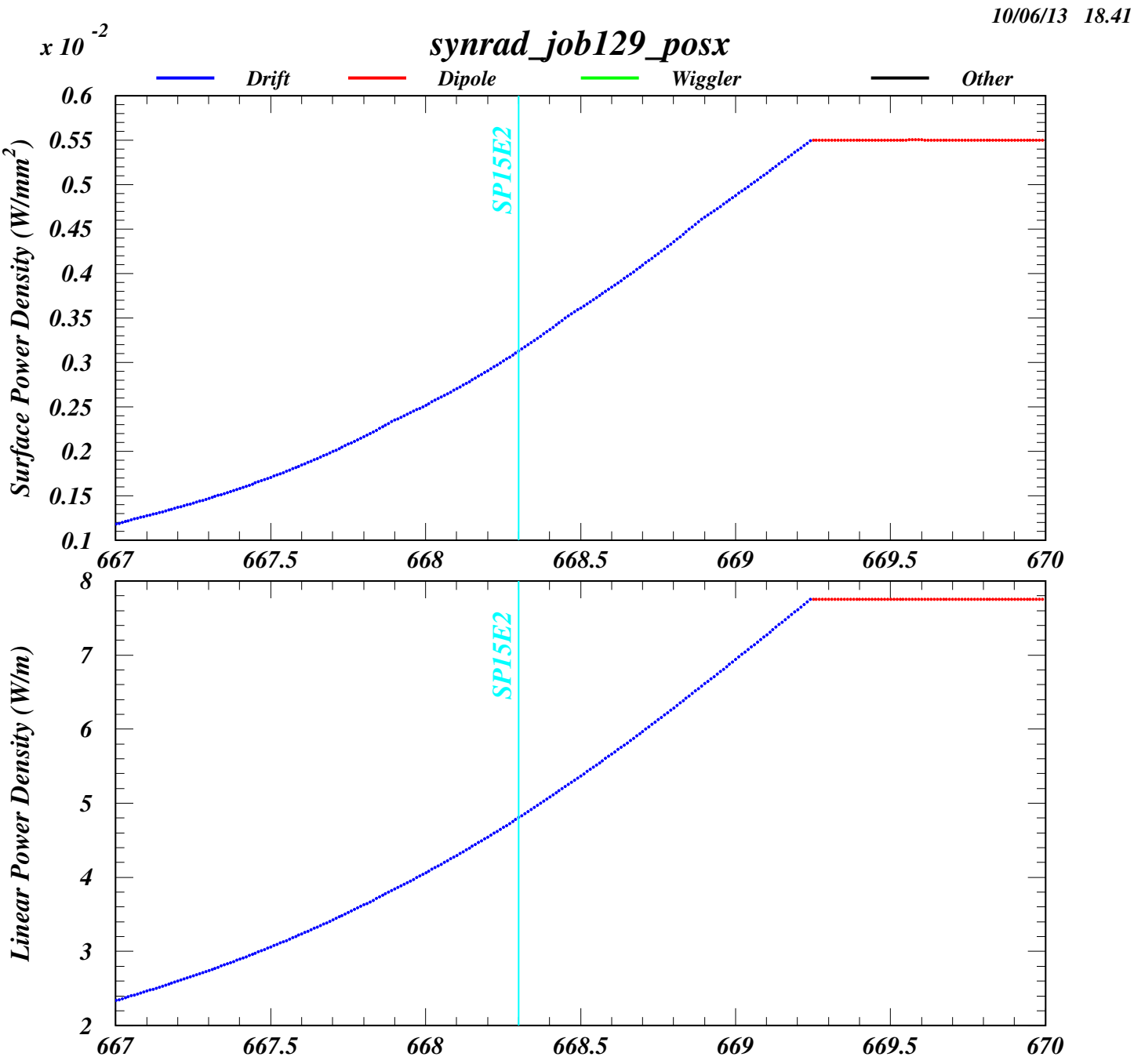

synrad_job129_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.8
0.7
0.6
0.5
0.4
0.3
0.2
SP15E2
667
667.5
668
668.5
669
669.5
670
Power (W/m) for 100 mA Beam Current
8
7
6
5
4
3
2
SP15E2
667
667.5
668
668.5
669
669.5
670
S(m)

10/06/13 18.41

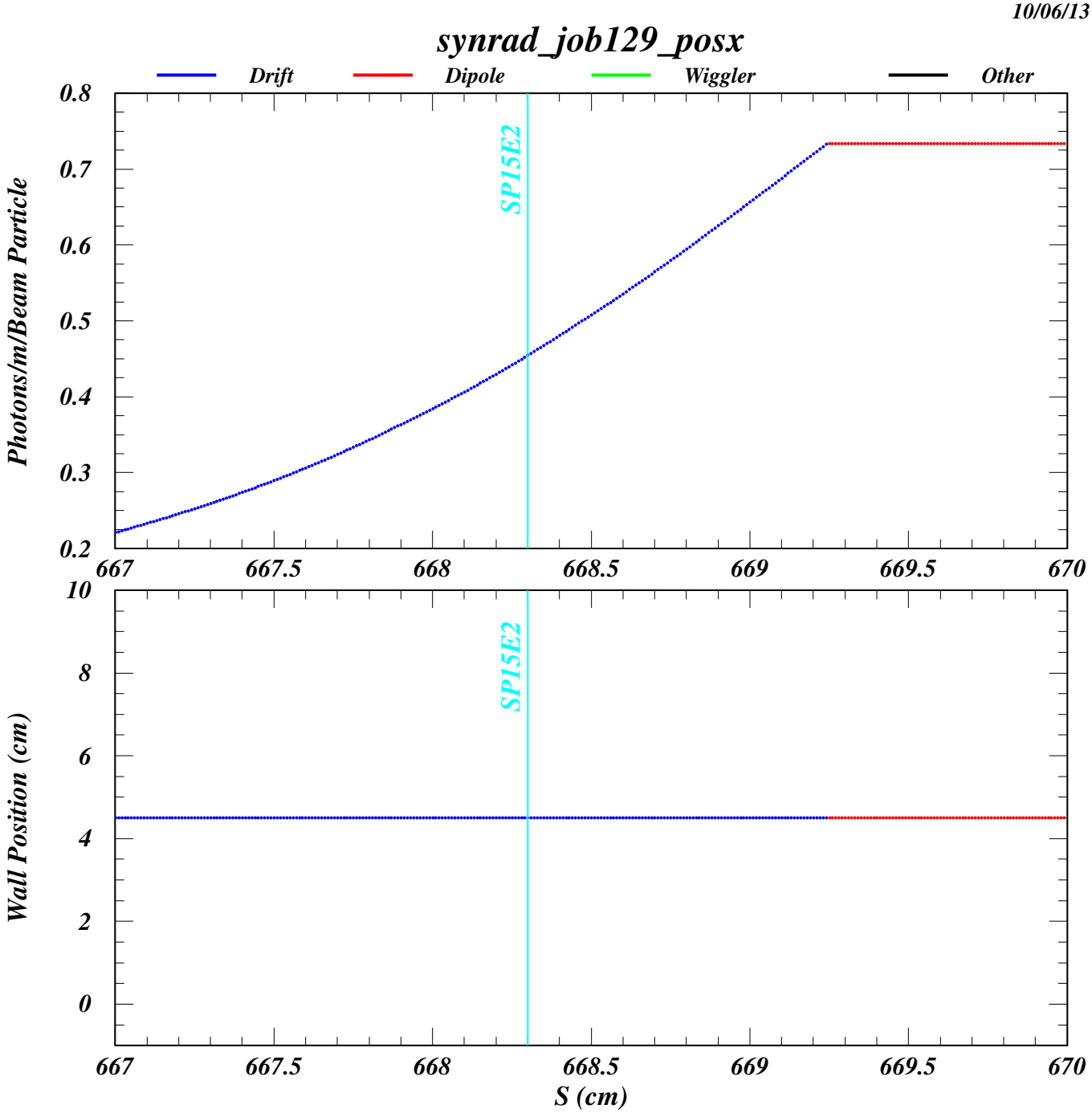

synrad_job129_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
SP15E2
S(m)
667
667.5
668
668.5
669
669.5
670

10/06/13 18.41


synrad_job129_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1050
1000
950
900
850
800
750
SP15E2
667
667.5
668
668.5
669
669.5
670
Vertical Beam Size (μm)
48
46
44
42
40
38
36
34
SP15E2
S(m)


10/06/13 18.41
synrad_job129_posx
x 10 -2
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm2)
SP15E2
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
667
667.5
668
668.5
669
669.5
670
Linear Power Density (W/m)
SP15E2
8
7
6
5
4
3
2
667
667.5
668
668.5
669
669.5
670

10/06/13 18.41


synrad_job129_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.8
0.7
0.6
0.5
0.4
0.3
0.2
SP15E2
667
667.5
668
668.5
669
669.5
670
Wall Position (cm)
10
8
6
4
2
0
SP15E2
667
667.5
668
668.5
669
669.5
670
S (cm)