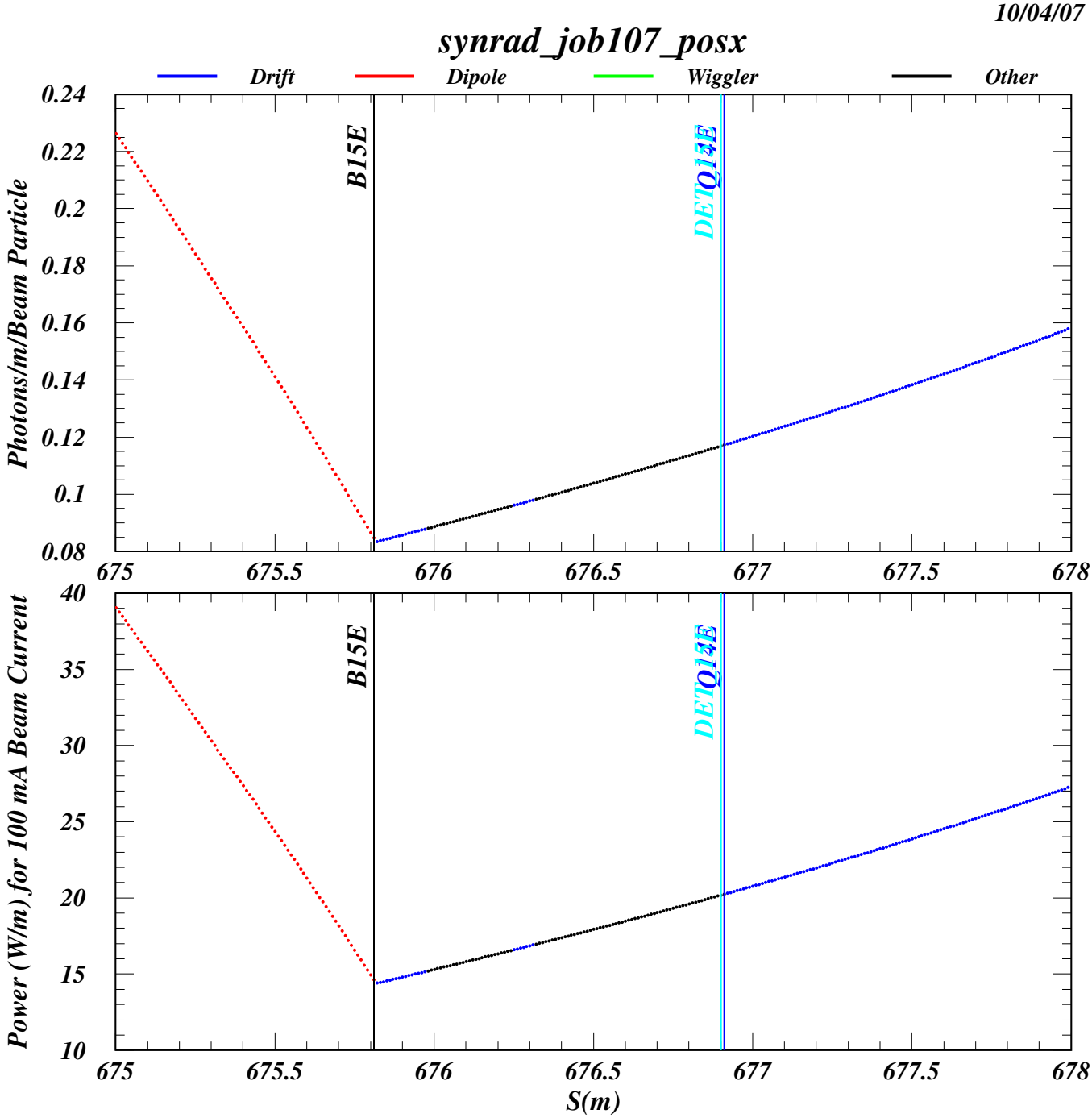
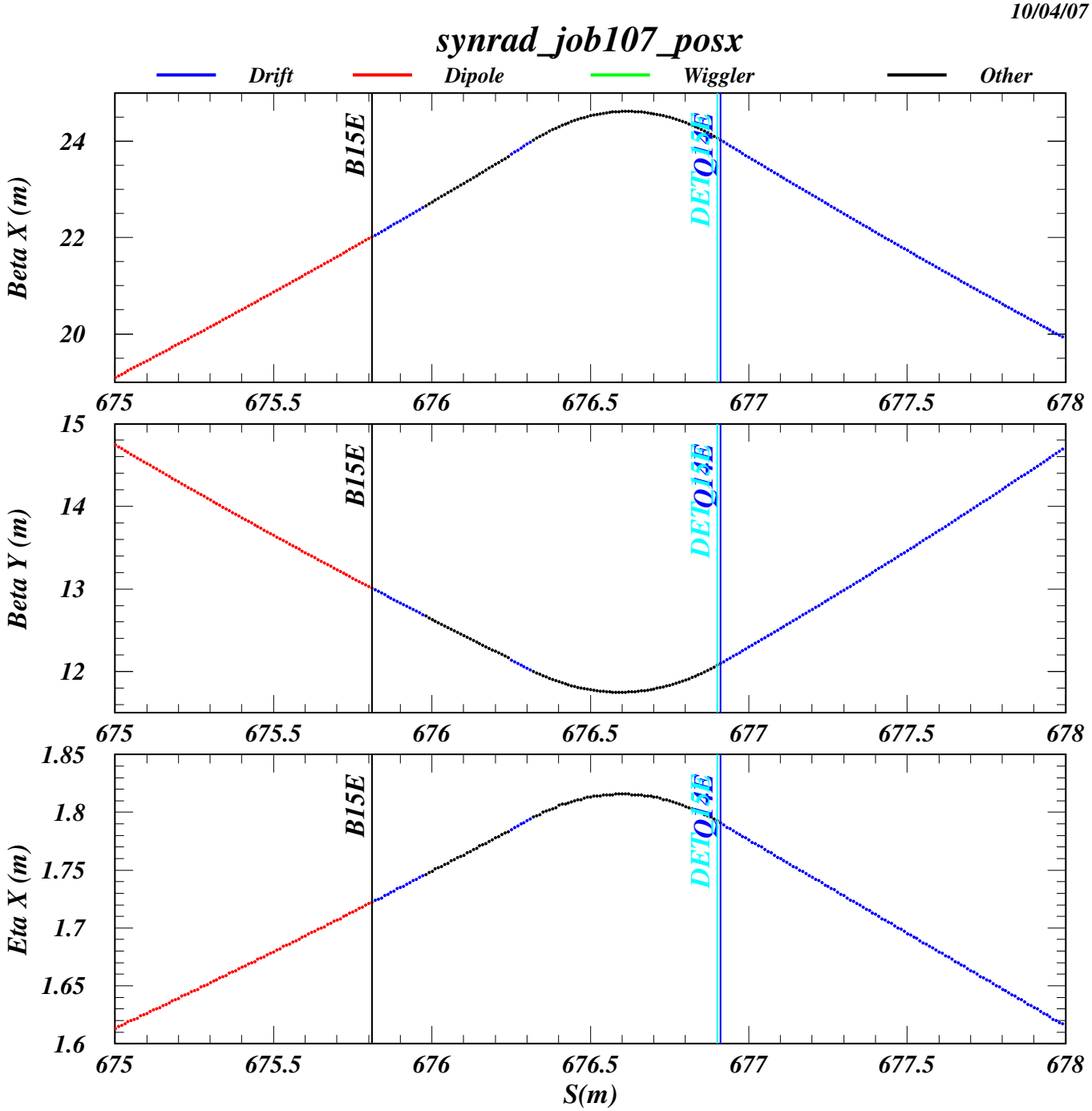
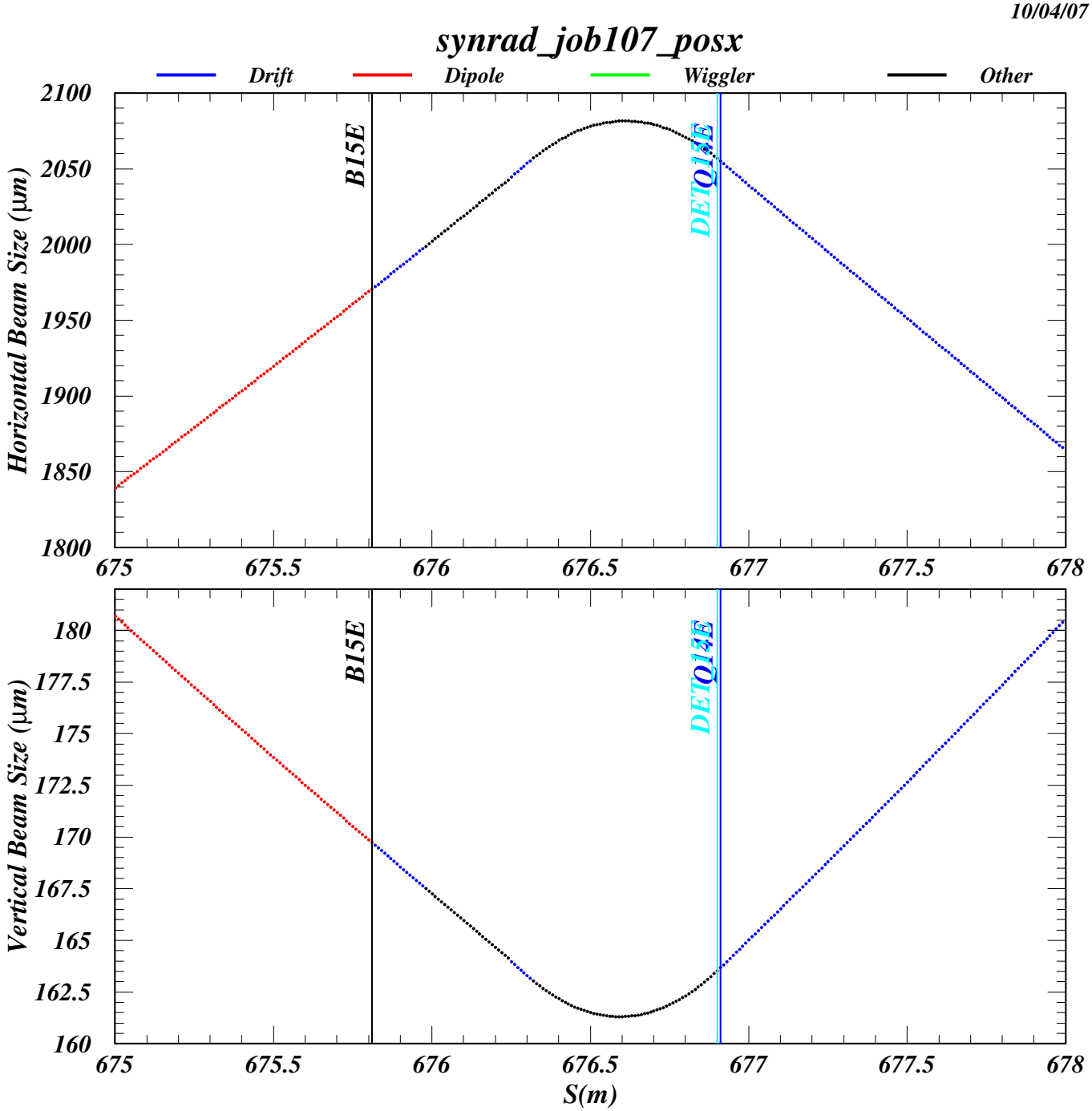
10/04/07 15.18


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.24
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
Power (W/m) for 100 mA Beam Current
40
35
30
25
20
15
10
S(m)

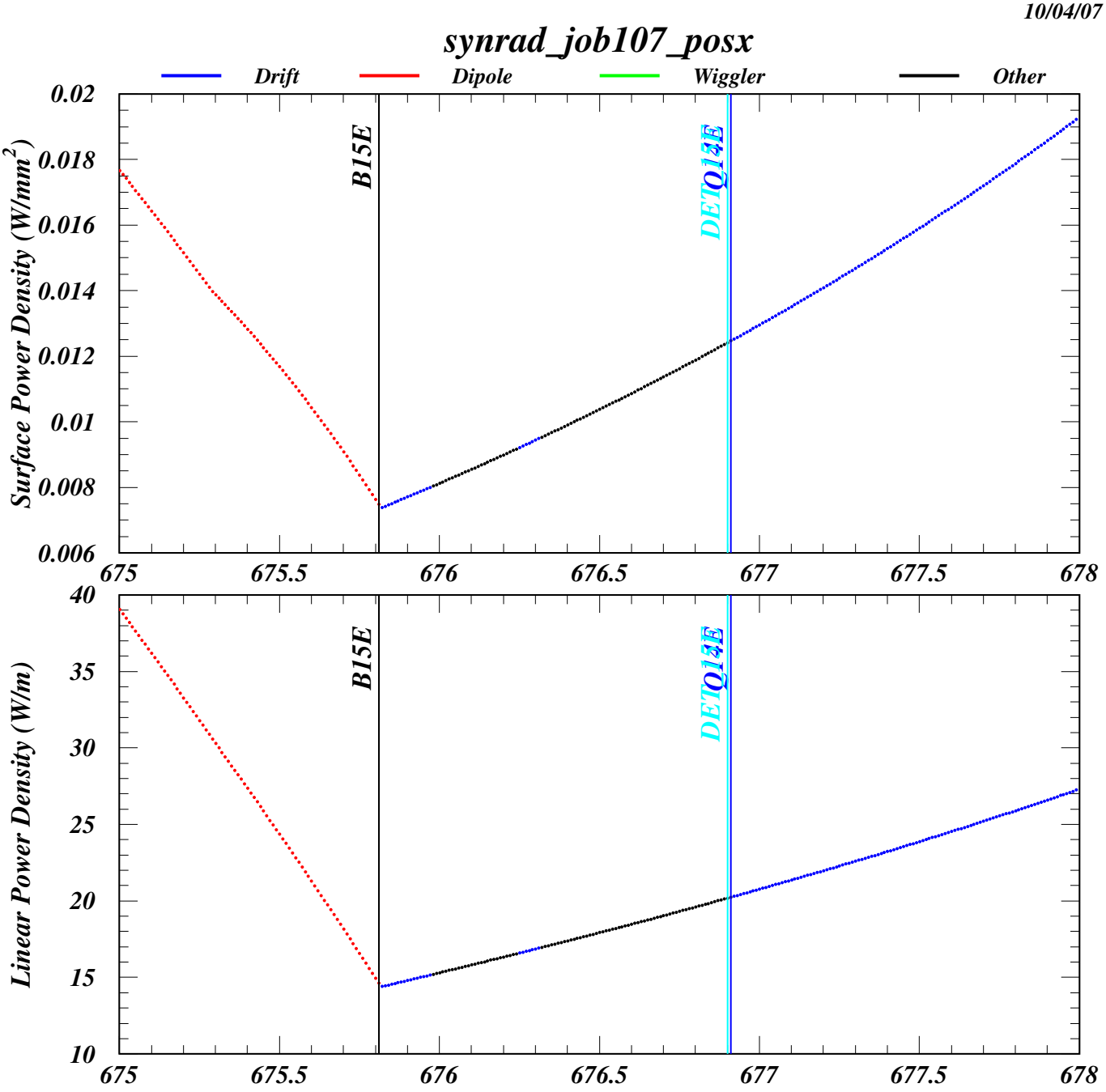
10/04/07 15.18


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678

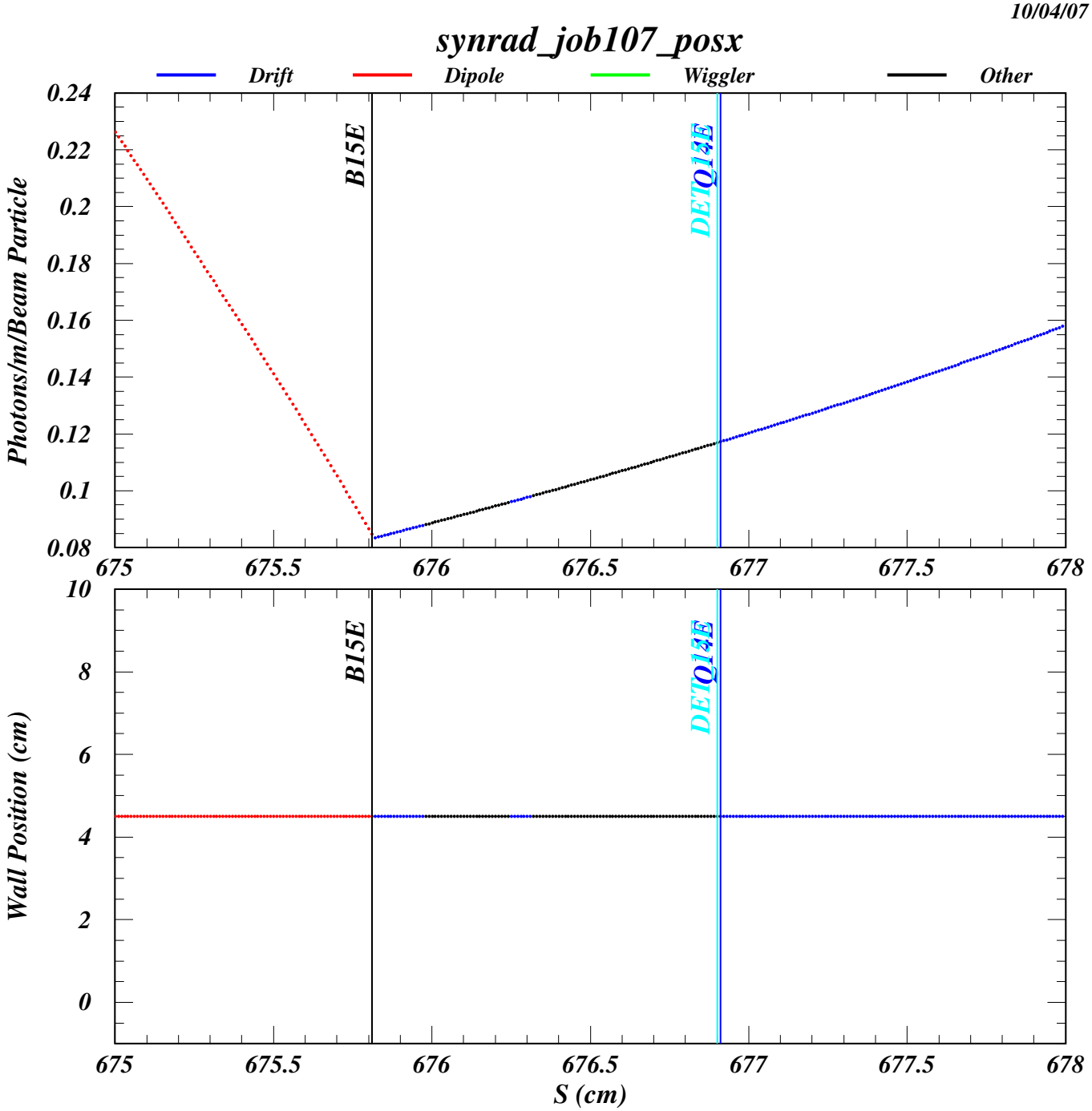
10/04/07 15.18


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
2100
2050
2000
1950
1900
1850
1800
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
Vertical Beam Size (μm)
180
177.5
175
172.5
170
167.5
165
162.5
160
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
S(m)

10/04/07 15.18


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
Linear Power Density (W/m)
40
35
30
25
20
15
10
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678

10/04/07 15.18


synrad_job107_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.24
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
Wall Position (cm)
10
8
6
4
2
0
S (cm)