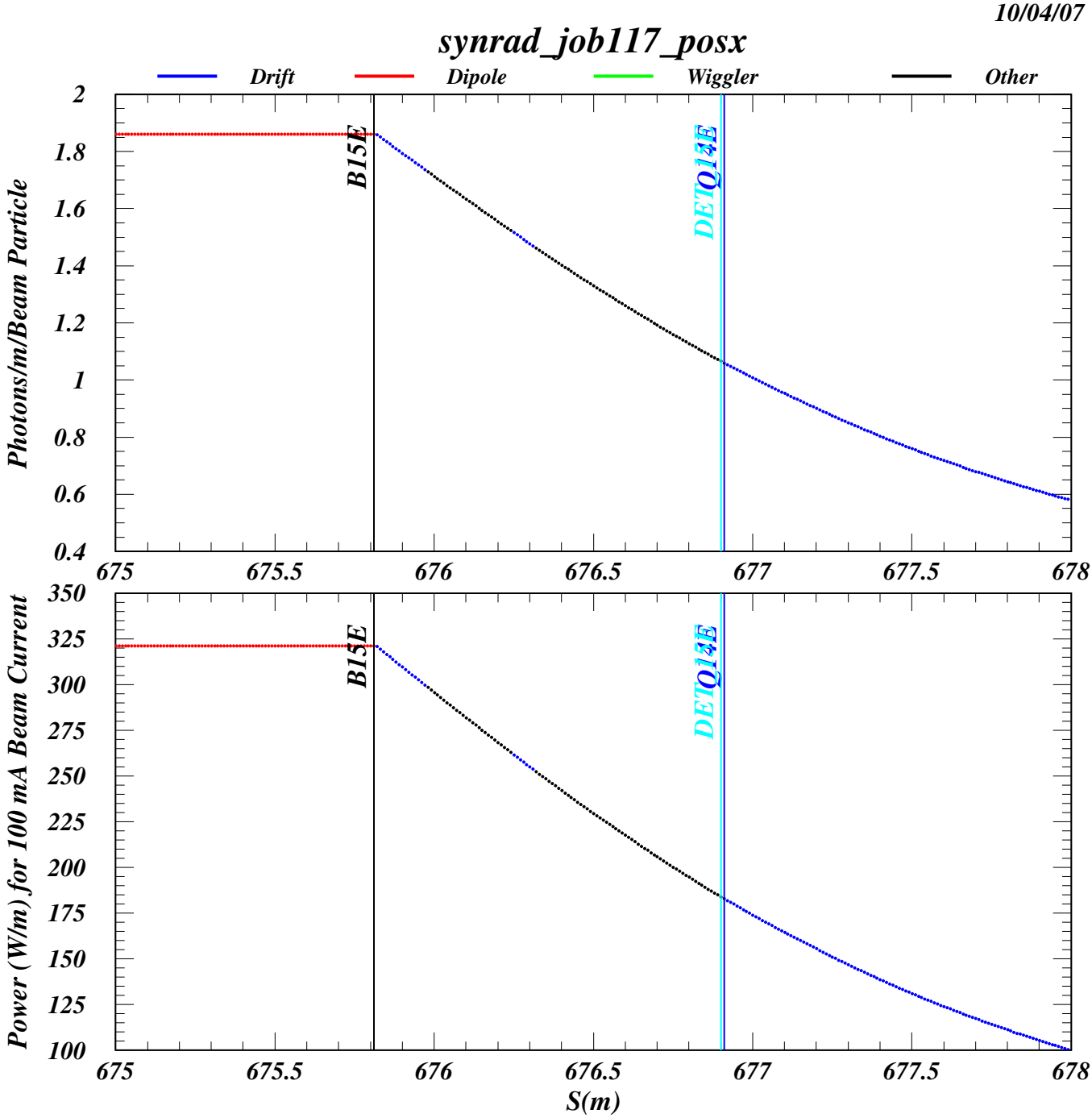
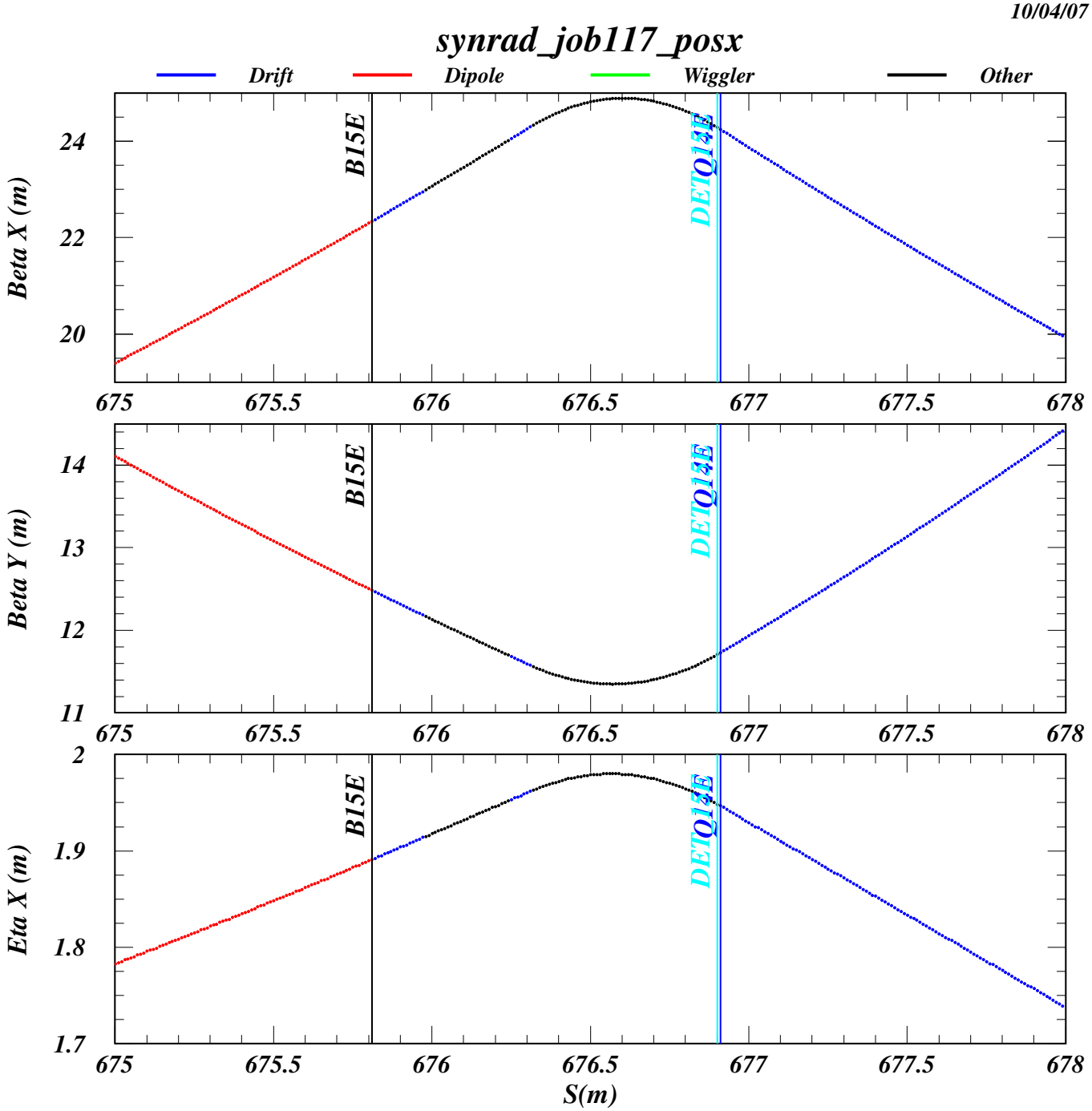
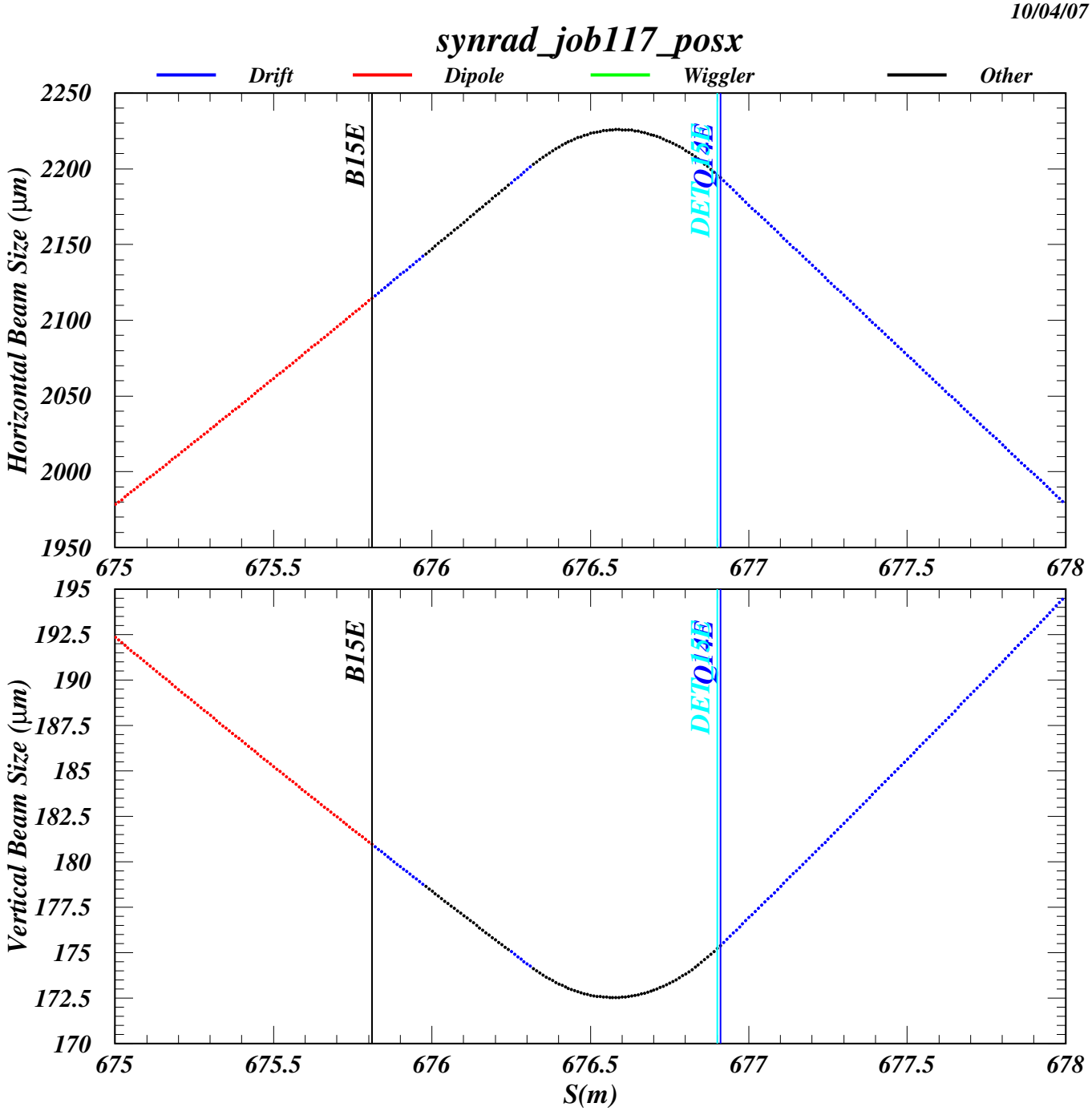
10/04/07 10.45


synrad_job117_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S(m)
B15E
DETQ14E
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
350
325
300
275
250
225
200
175
150
125
100
675
675.5
676
676.5
677
677.5
678

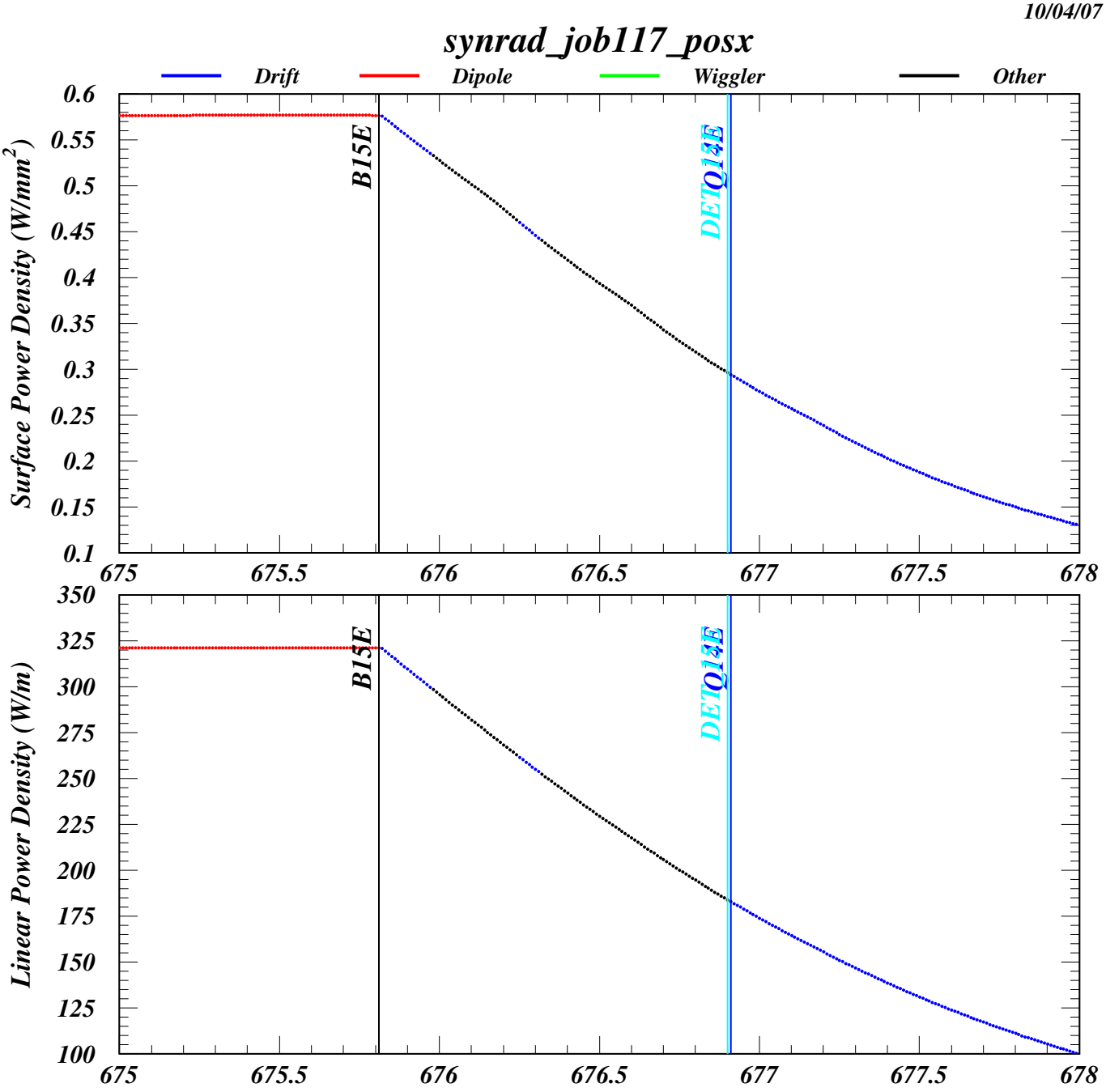
10/04/07 10.45


synrad_job117_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

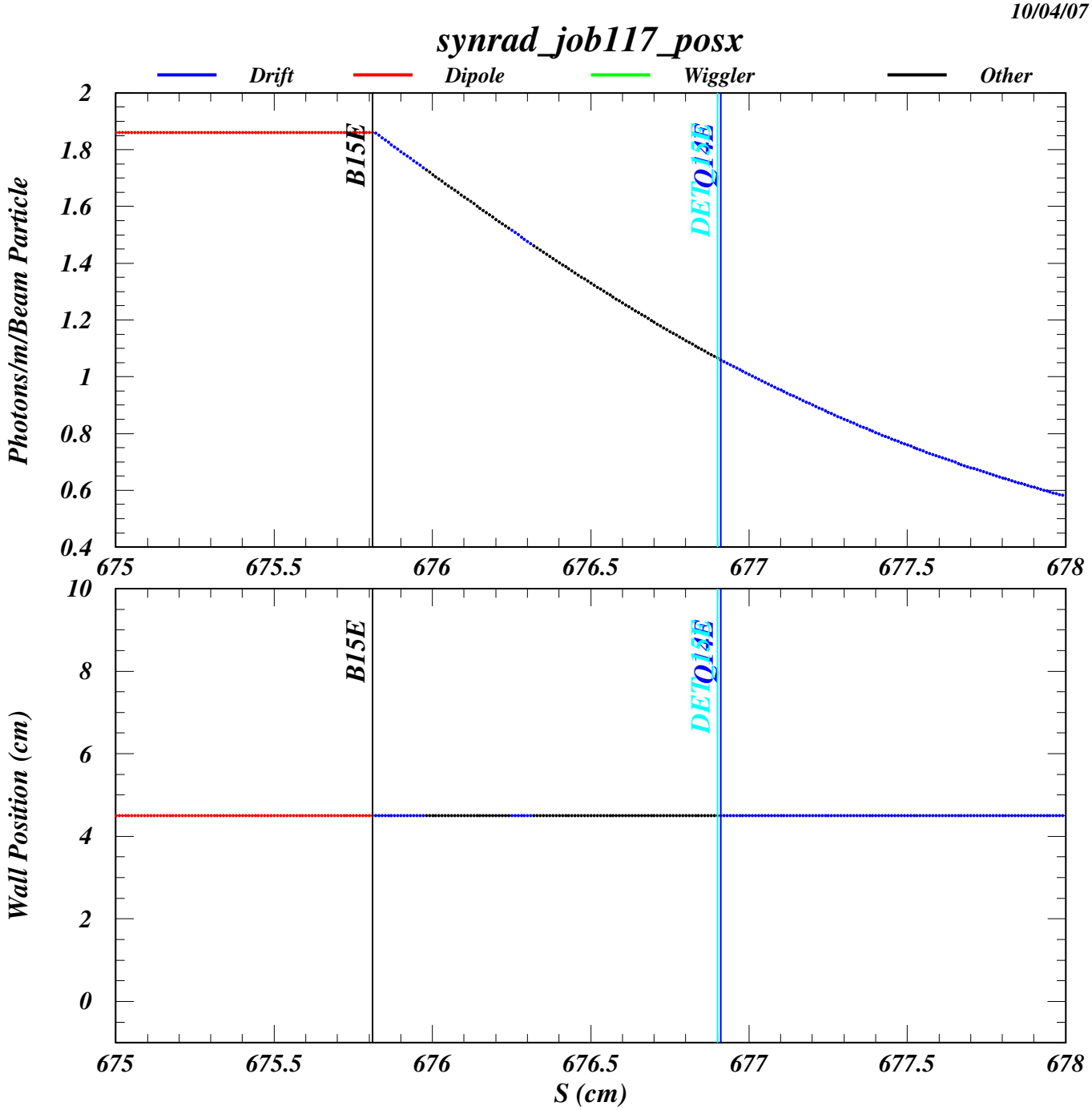
10/04/07 10.45


synrad_job117_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
2250
2200
2150
2100
2050
2000
1950
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
Vertical Beam Size (μm)
195
192.5
190
187.5
185
182.5
180
177.5
175
172.5
170
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
S(m)

10/04/07 10.45


synrad_job117_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
Linear Power Density (W/m)
B15E
DETQ14E
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
350
325
300
275
250
225
200
175
150
125
100
675
675.5
676
676.5
677
677.5
678

10/04/07 10.45


synrad_job117_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Wall Position (cm)
S (cm)
B15E
DETQ14E
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
10
8
6
4
2
0
675
675.5
676
676.5
677
677.5
678