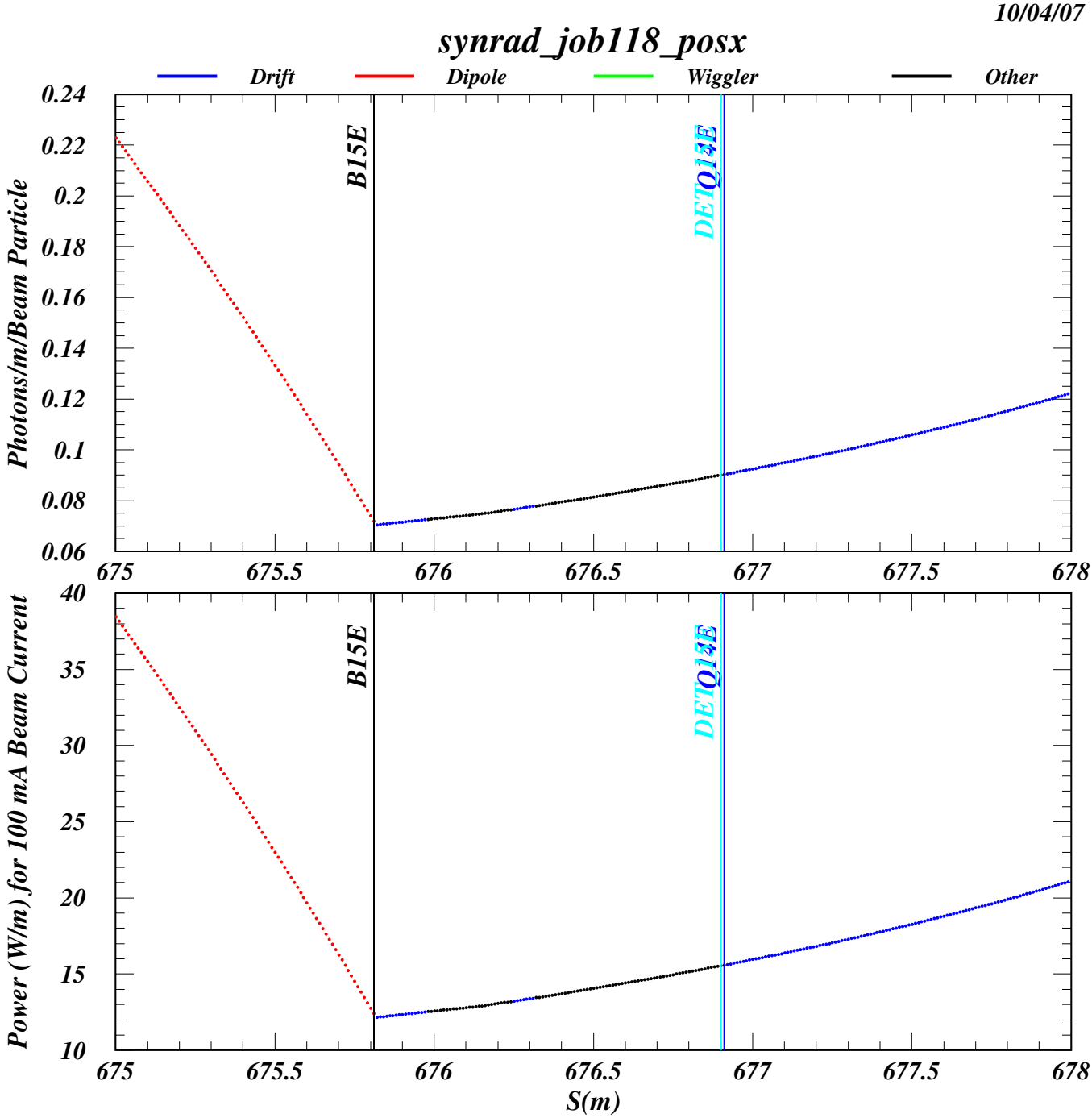
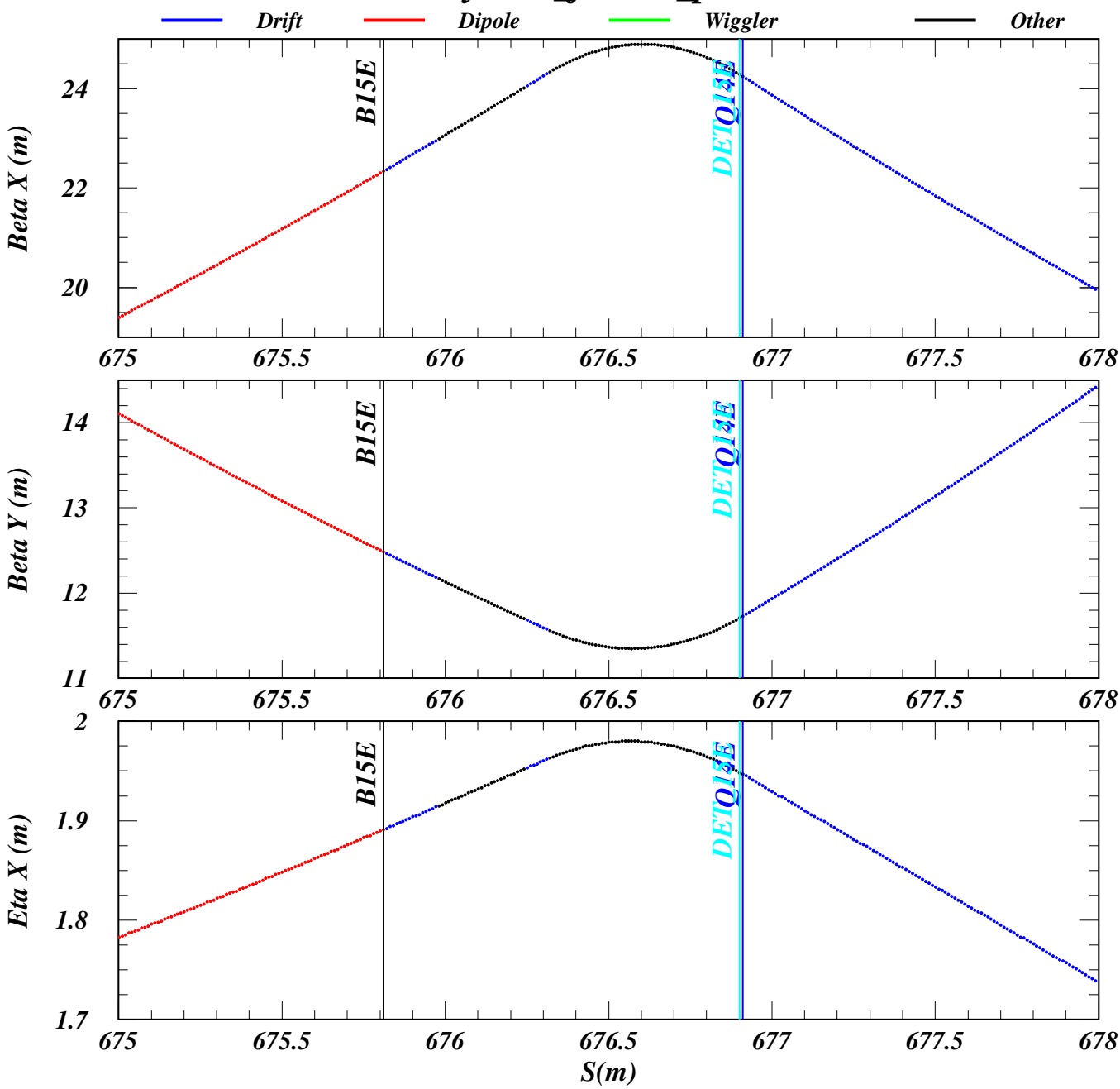
10/04/07 10.46

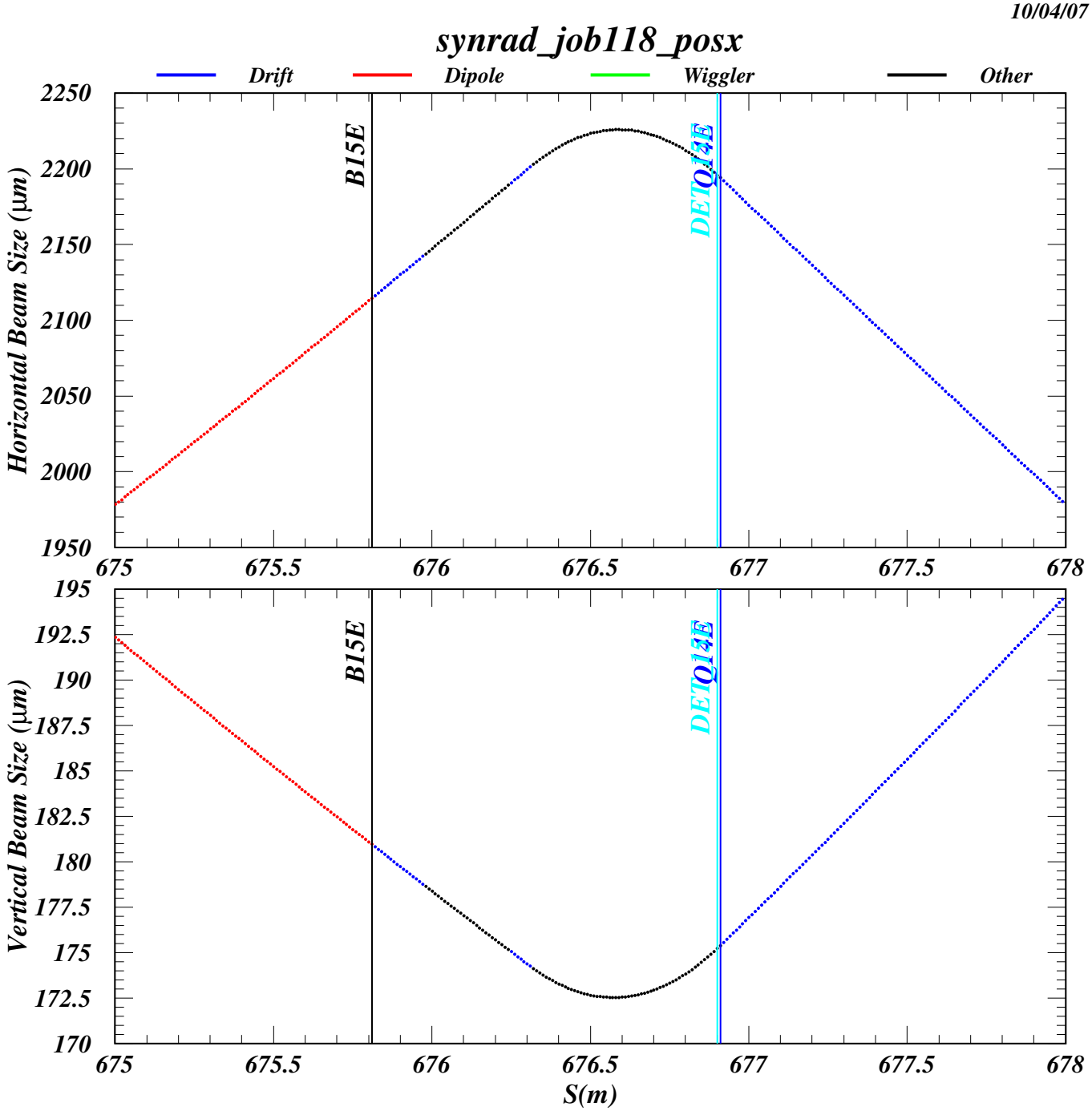

synrad_job118_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
0.24
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
Power (W/m) for 100 mA Beam Current
40
35
30
25
20
15
10
S(m)

10/04/07 10.46

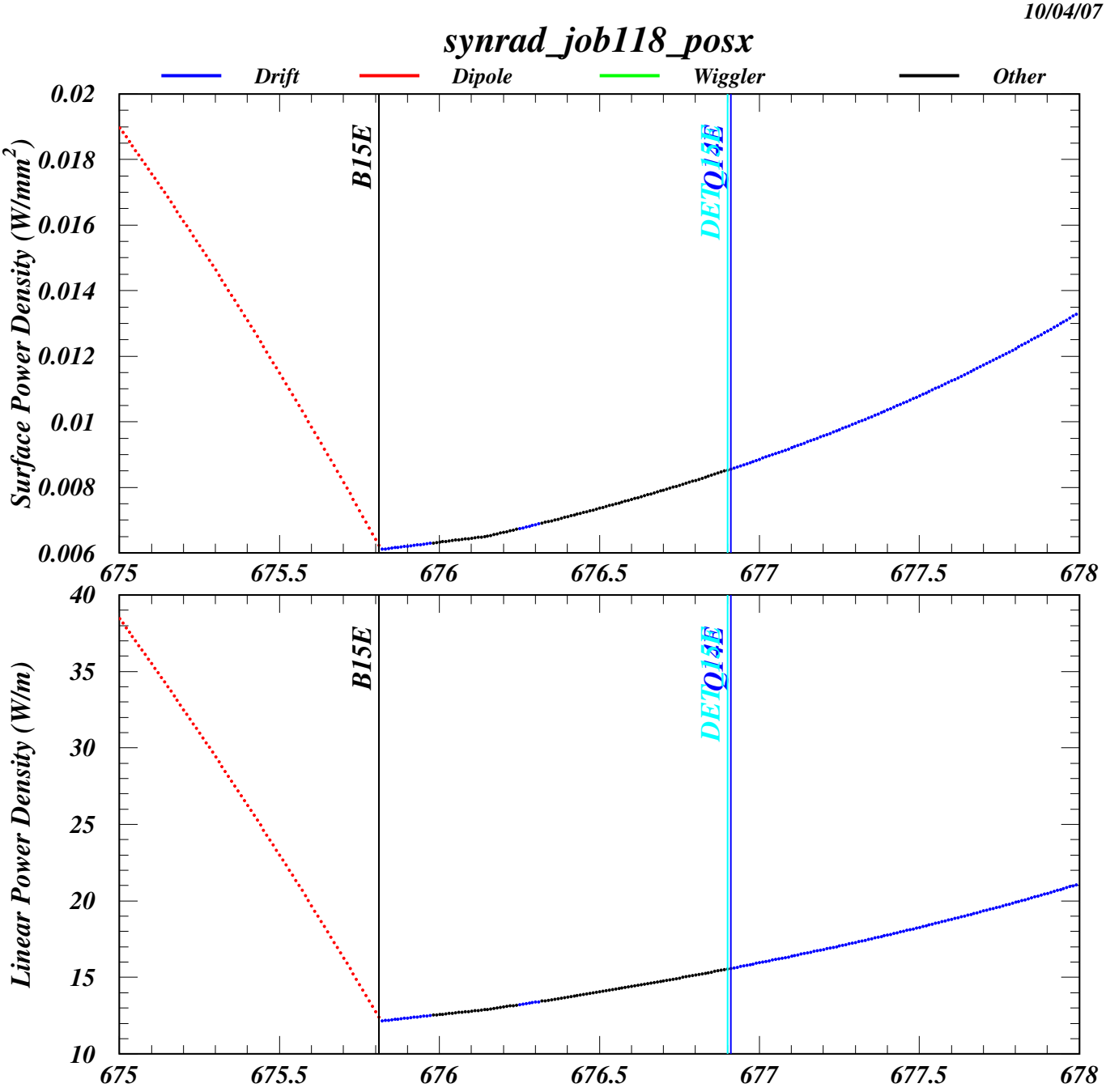
synrad_job118_posx



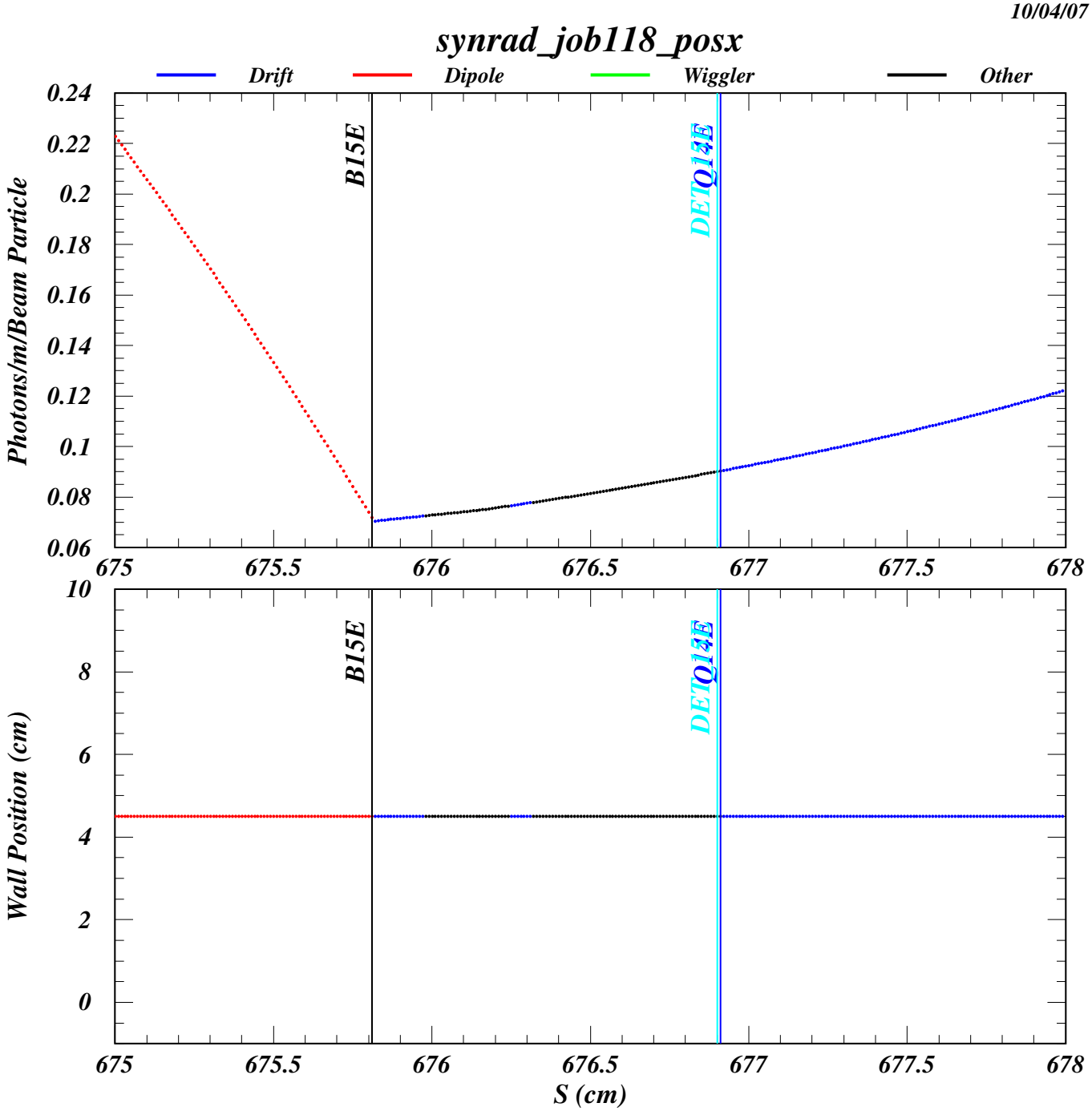
10/04/07 10.46


synrad_job118_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 10.46


synrad_job118_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 10.46


synrad_job118_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
0.06
B15E
DETQ14E
675
675.5
676
676.5
677
677.5
678
Wall Position (cm)
10
8
6
4
2
0
S (cm)