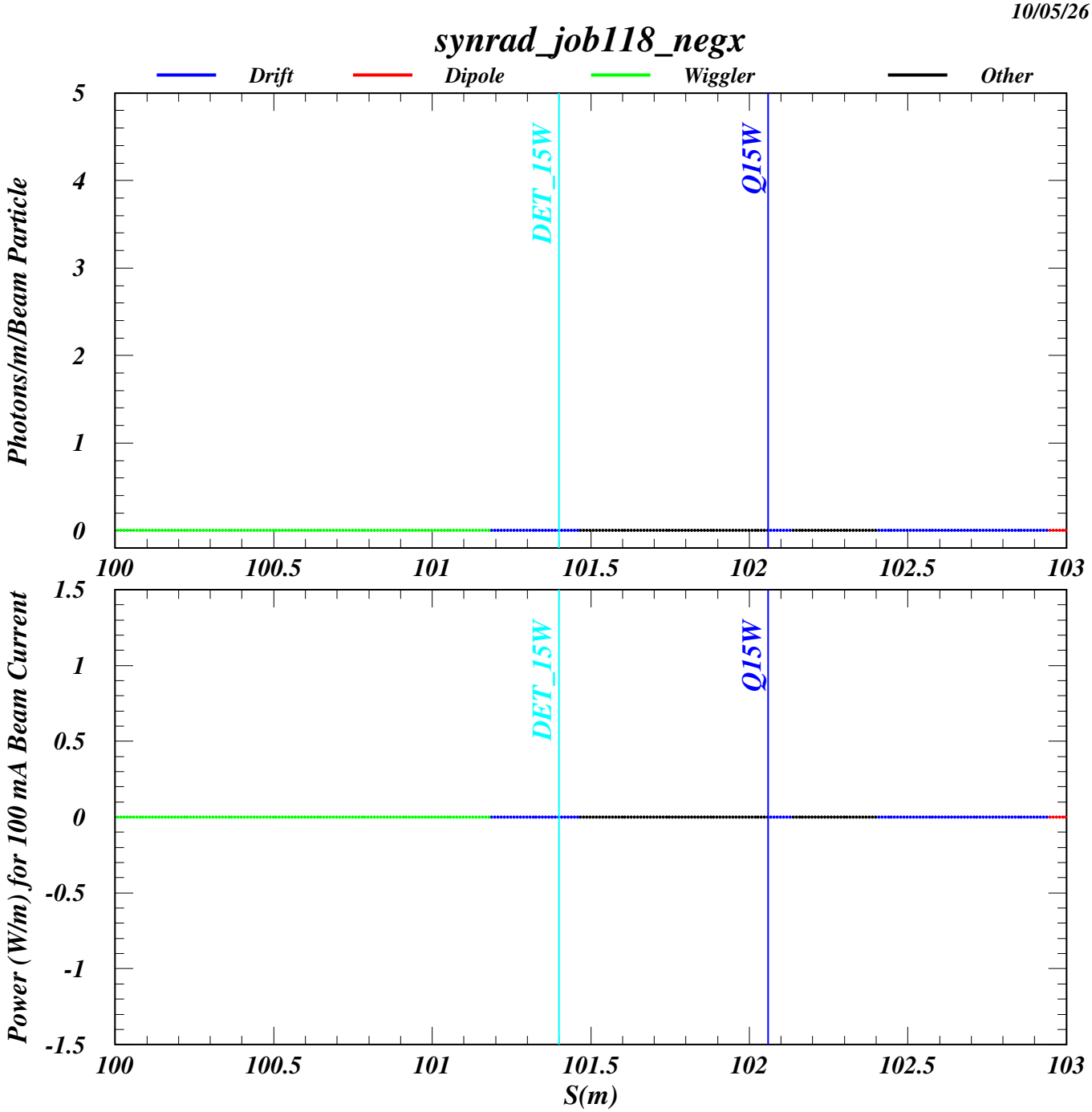
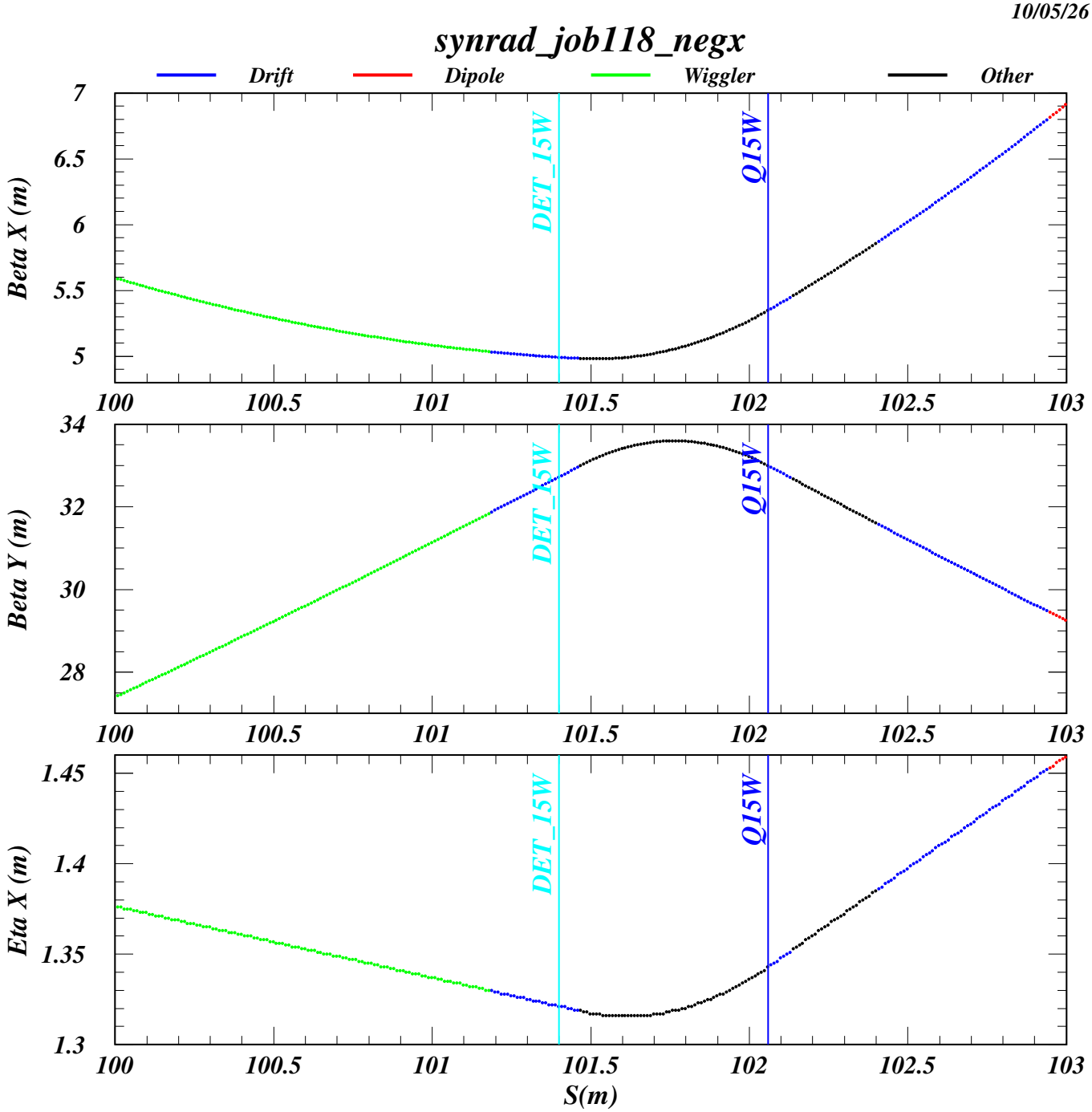
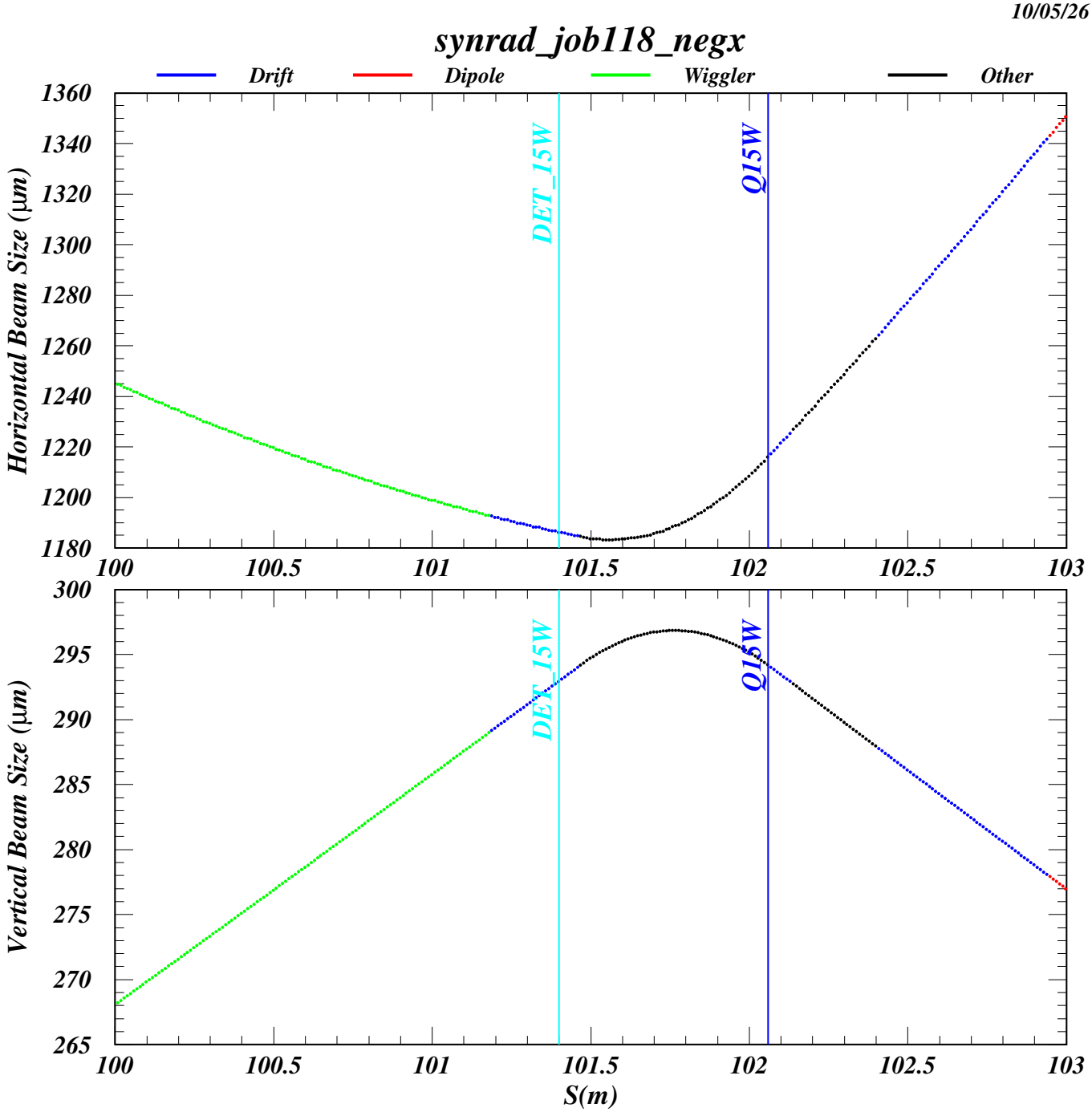
10/05/26 12.27


synrad_job118_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
DET_15W
Q15W
5
4
3
2
1
0
100
100.5
101
101.5
102
102.5
103
Power (W/m) for 100 mA Beam Current
1.5
1
0.5
0
-0.5
-1
-1.5
S(m)

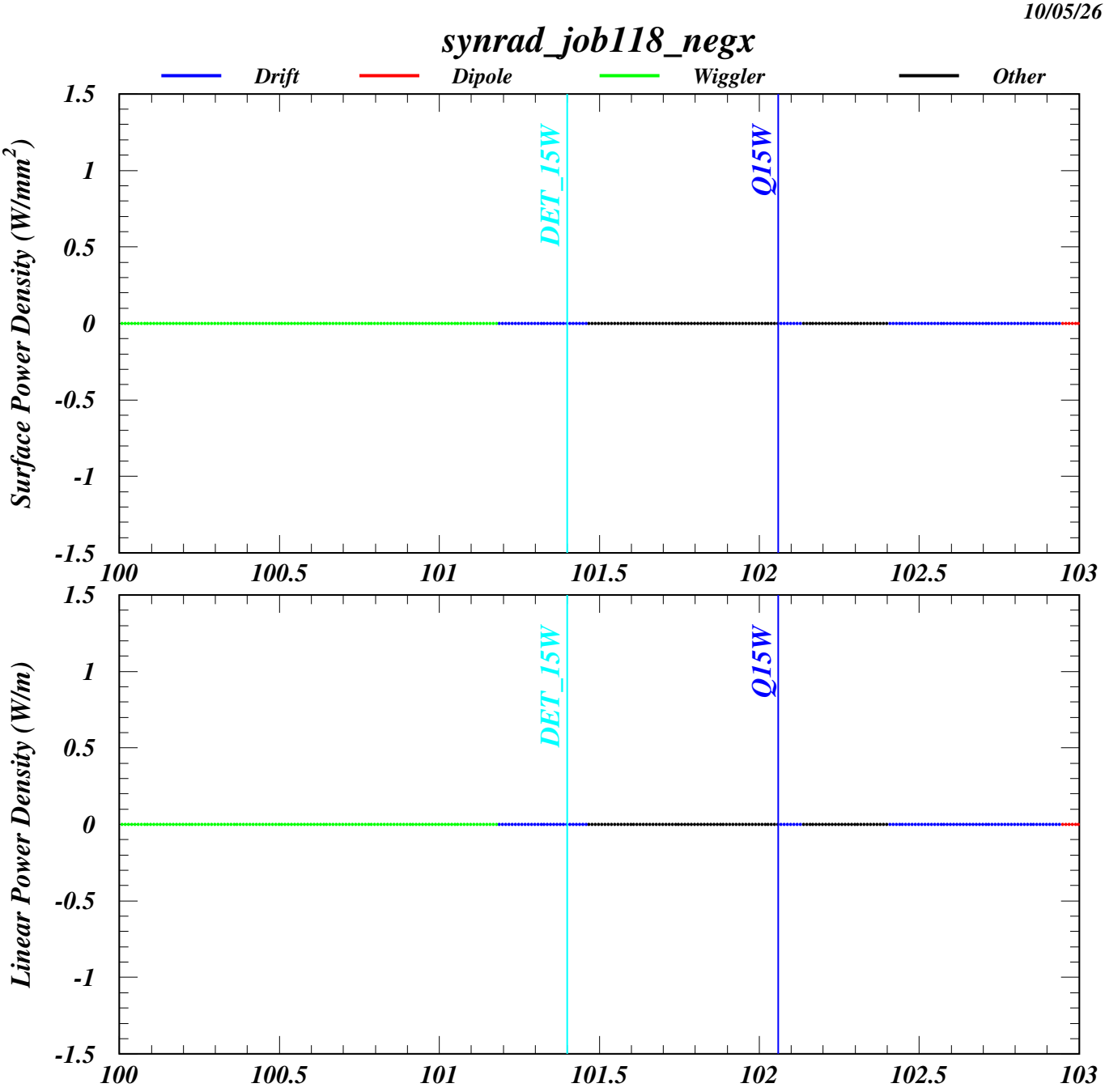
10/05/26 12.27


synrad_job118_negx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
DET_15W
Q15W
S(m)

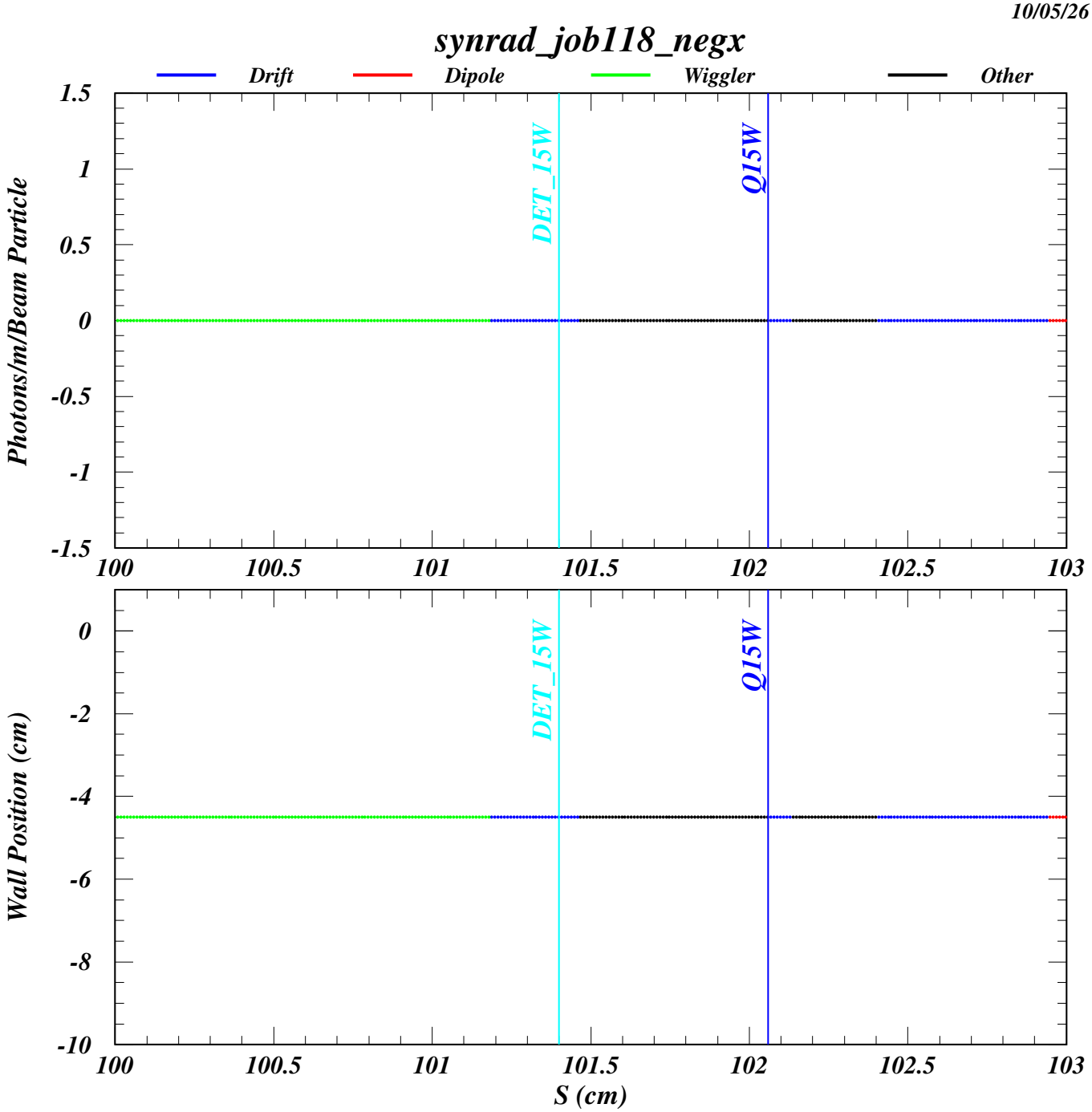
10/05/26 12.27


synrad_job118_negx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1360
1340
1320
1300
1280
1260
1240
1220
1200
1180
DET_15W
Q15W
100
100.5
101
101.5
102
102.5
103
Vertical Beam Size (μm)
300
295
290
285
280
275
270
265
DET_15W
Q15W
100
100.5
101
101.5
102
102.5
103
S(m)

10/05/26 12.27


synrad_job118_negx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
Linear Power Density (W/m)
DET_15W
Q15W
1.5
1
0.5
0
-0.5
-1
-1.5
100
100.5
101
101.5
102
102.5
103

10/05/26 12.27


synrad_job118_negx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
1.5
1
0.5
0
-0.5
-1
-1.5
DET_15W
Q15W
100
100.5
101
101.5
102
102.5
103
Wall Position (cm)
0
-2
-4
-6
-8
-10
S (cm)