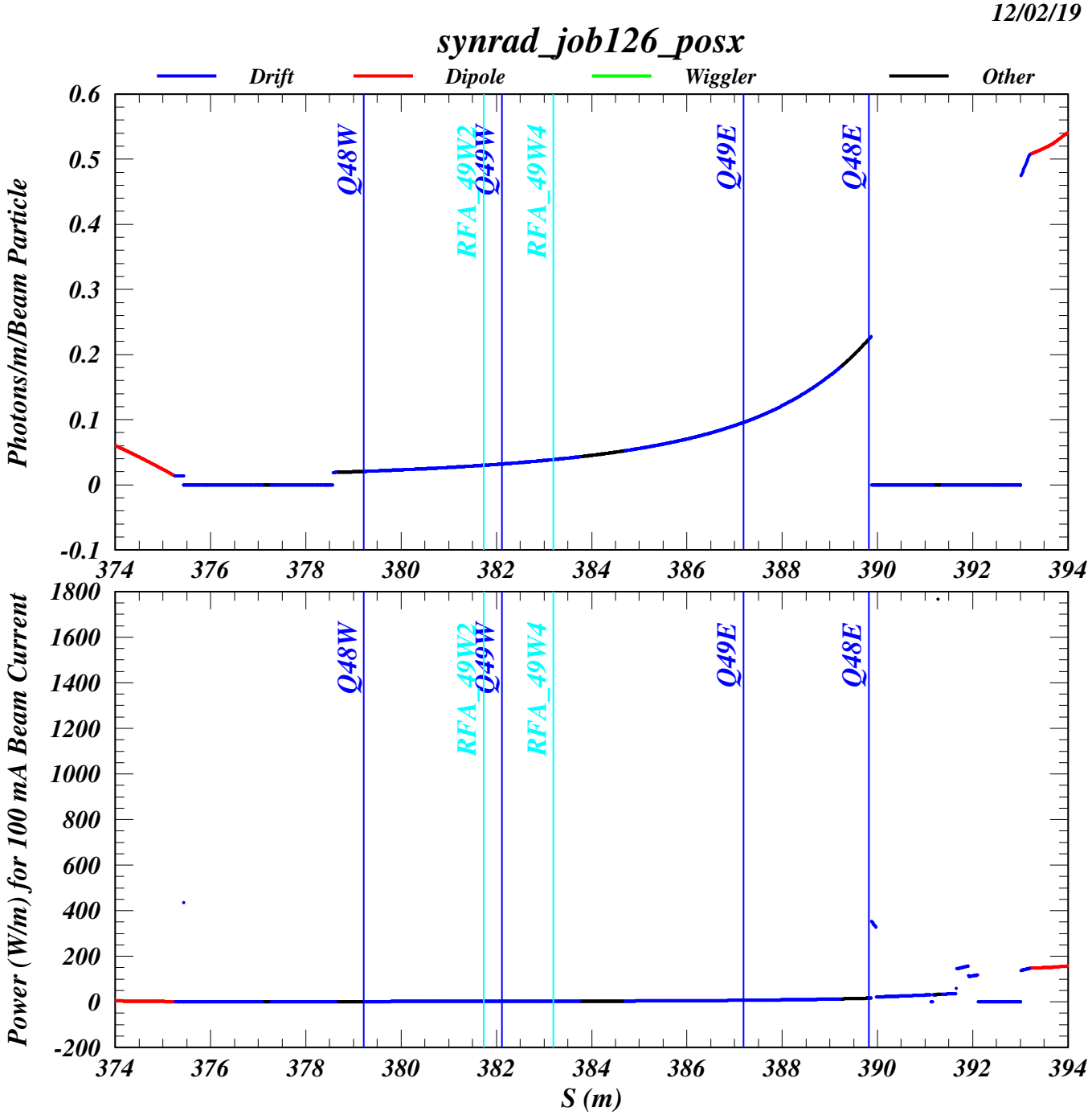
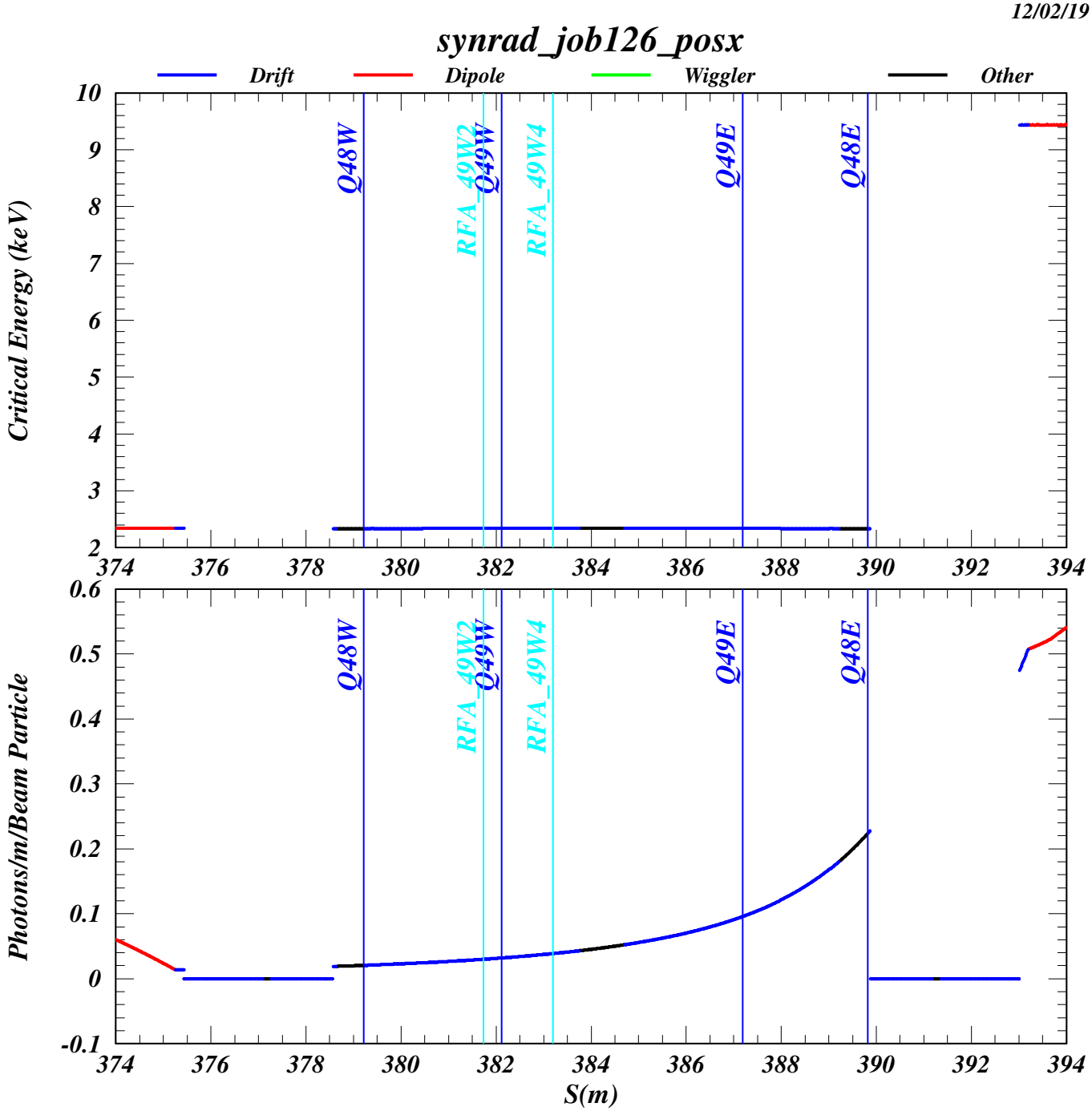
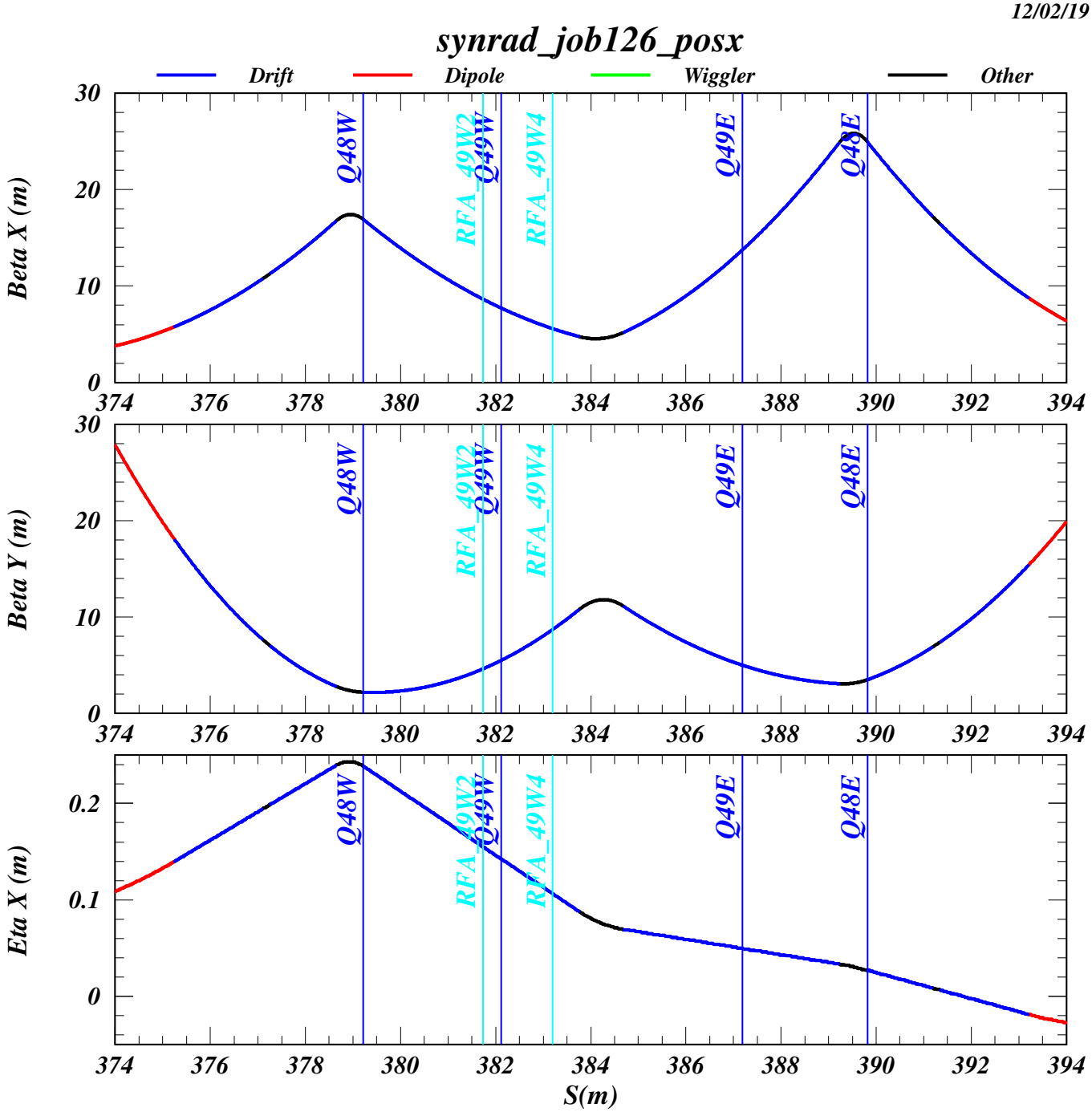
12/02/19 12.39


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S (m)
Q48W
RFA_49W2
Q49W
RFA_49W4
Q49E
Q48E

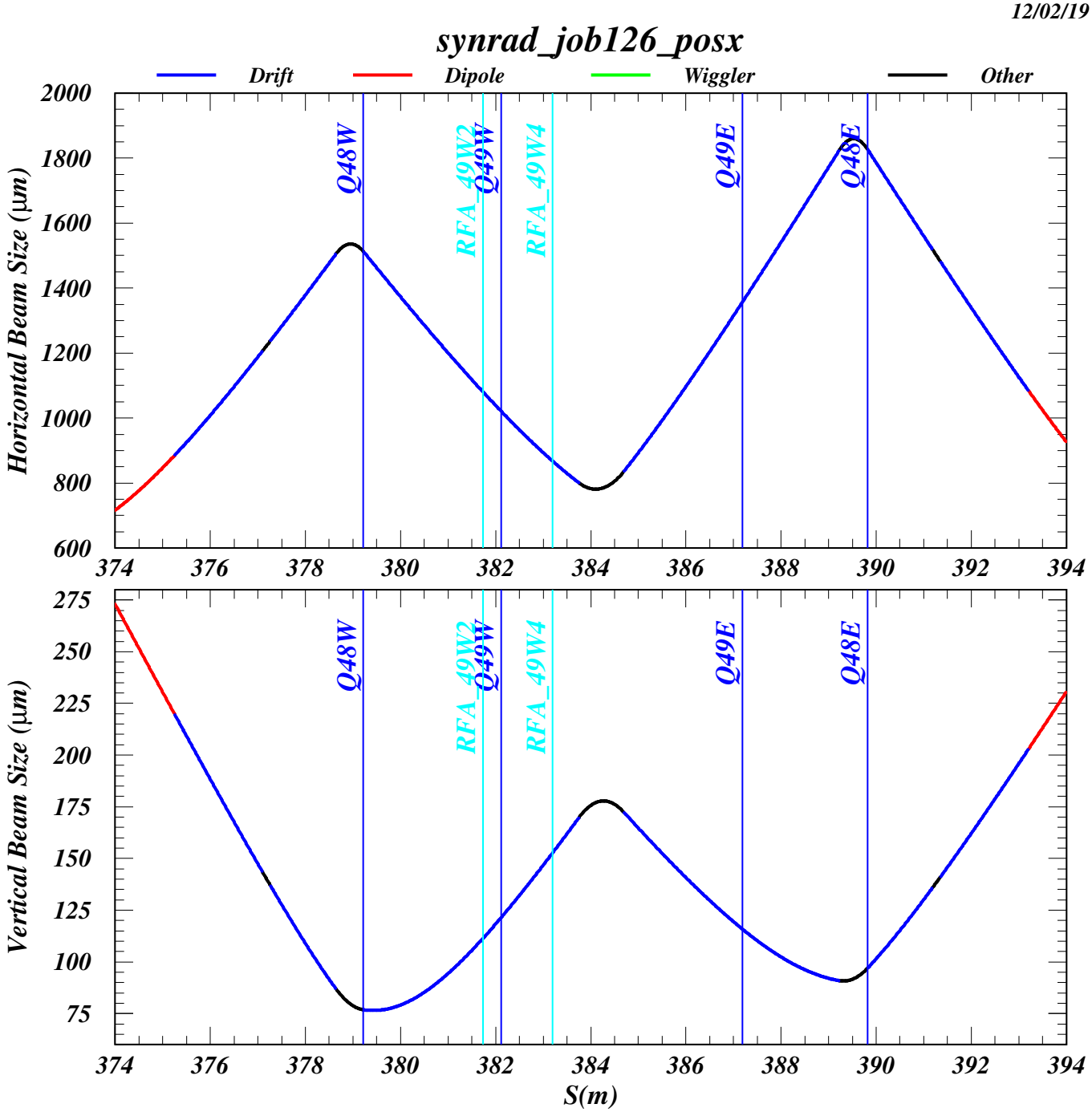
12/02/19 12.39


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Critical Energy (keV)
Photons/m/Beam Particle
S(m)
Q48W
RFA_49W2
Q49W
RFA_49W4
Q49E
Q48E

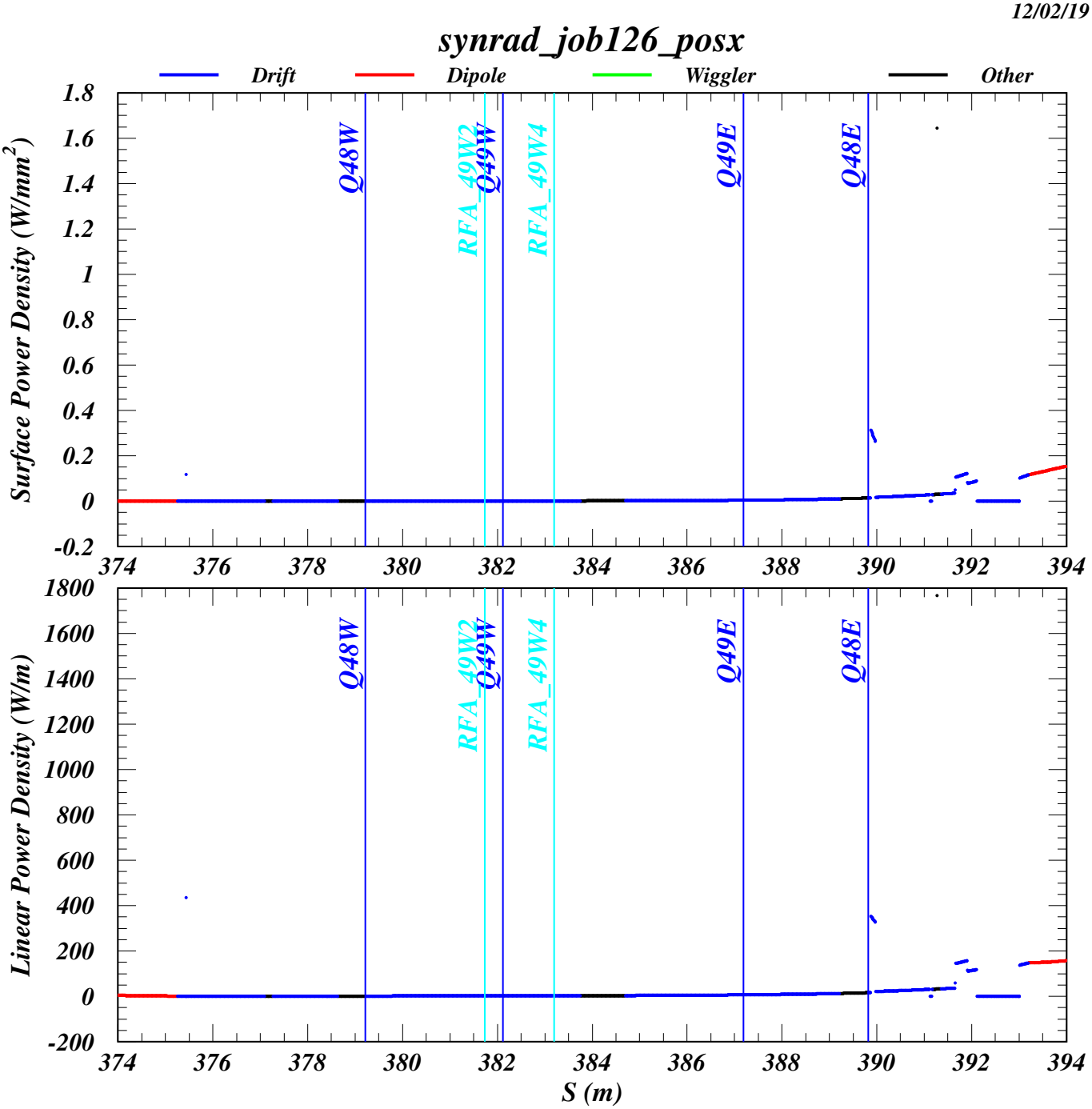
12/02/19 12.39


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
Q48W
RFA_49W2
Q49W
RFA_49W4
Q49E
Q48E

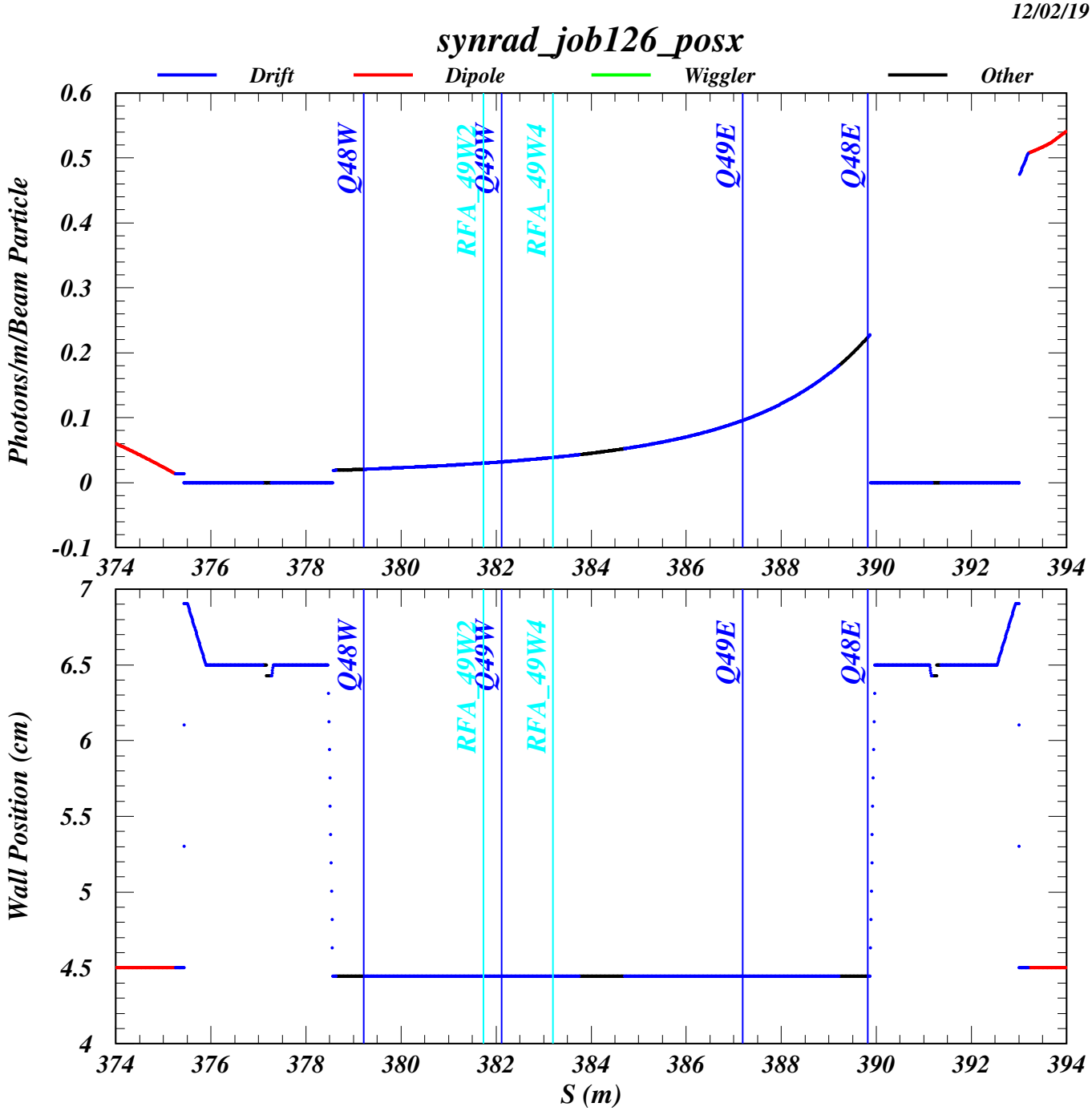
12/02/19 12.39


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
2000
1800
1600
1400
1200
1000
800
600
Q48W
RFA_49W2
Q49W
RFA_49W4
Q49E
Q48E
374
376
378
380
382
384
386
388
390
392
394
Vertical Beam Size (μm)
275
250
225
200
175
150
125
100
75
S(m)

12/02/19 12.39


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
Linear Power Density (W/m)
S (m)
Q48W
RFA_49W2
Q49W
RFA_49W4
Q49E
Q48E
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
1800
1600
1400
1200
1000
800
600
400
200
0
-200
374
376
378
380
382
384
386
388
390
392
394

12/02/19 12.39


synrad_job126_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Wall Position (cm)
S (m)
Q48W
RFA_49W2
Q49W
RFA_49W4
Q49E
Q48E