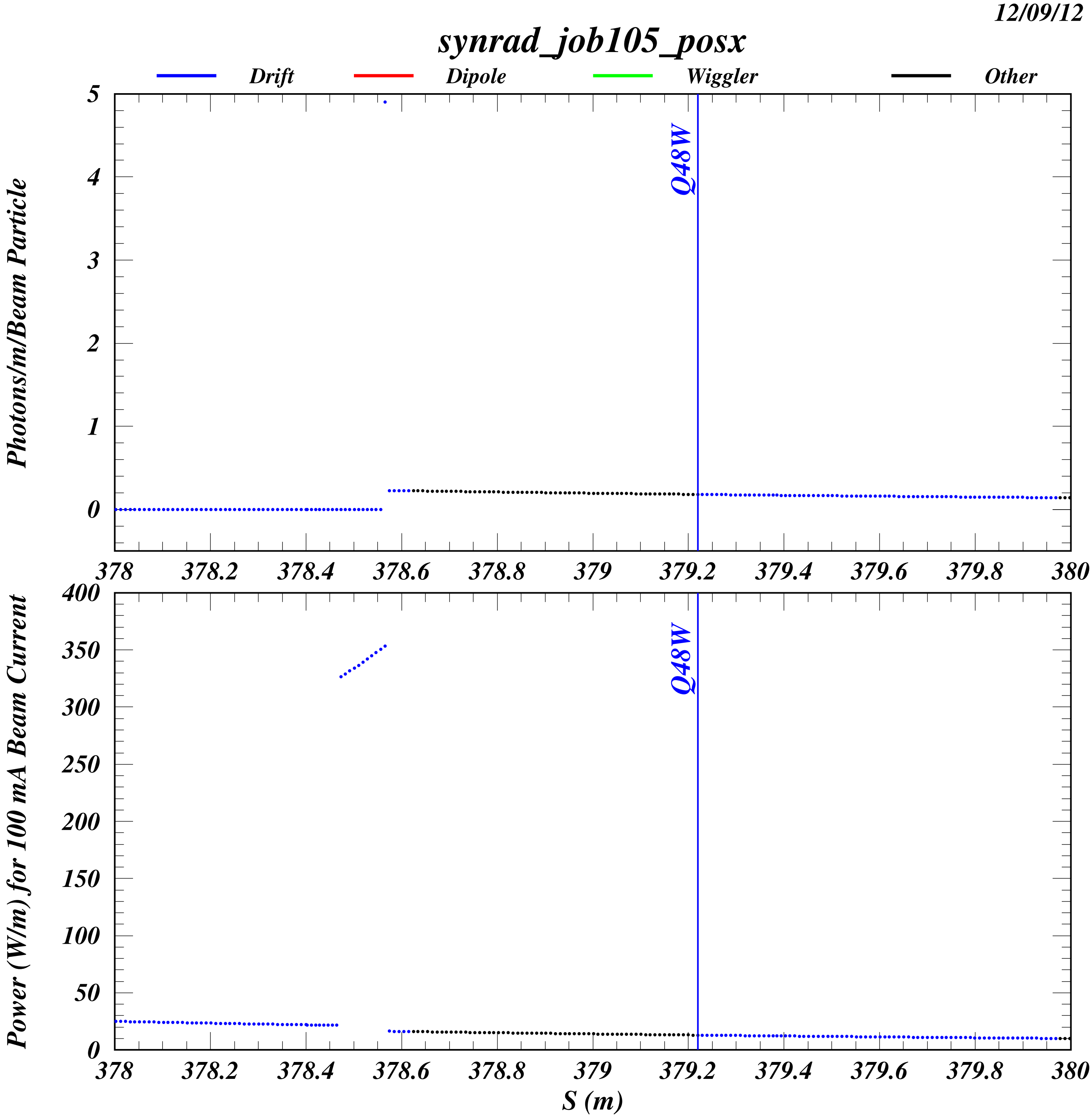
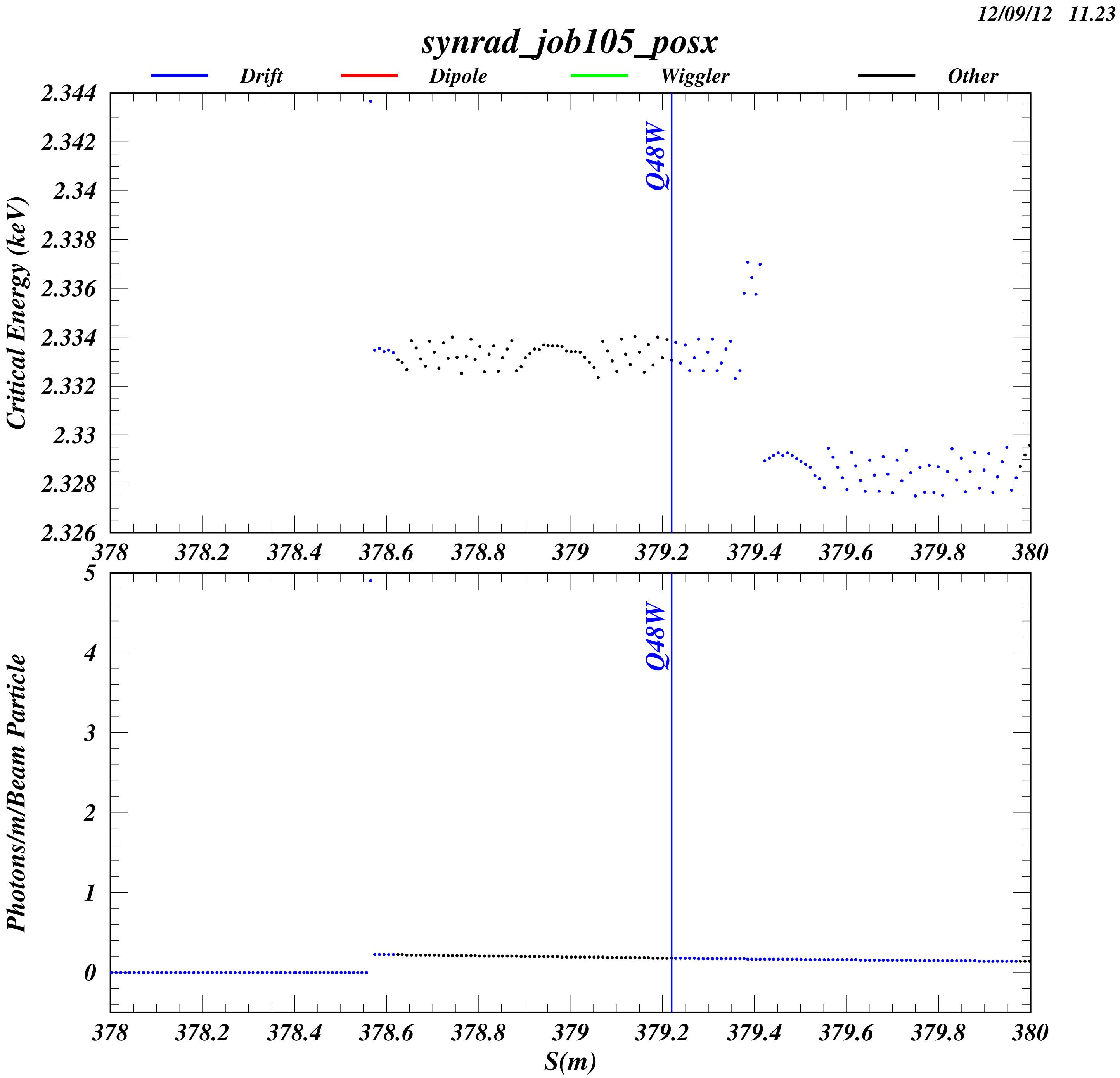
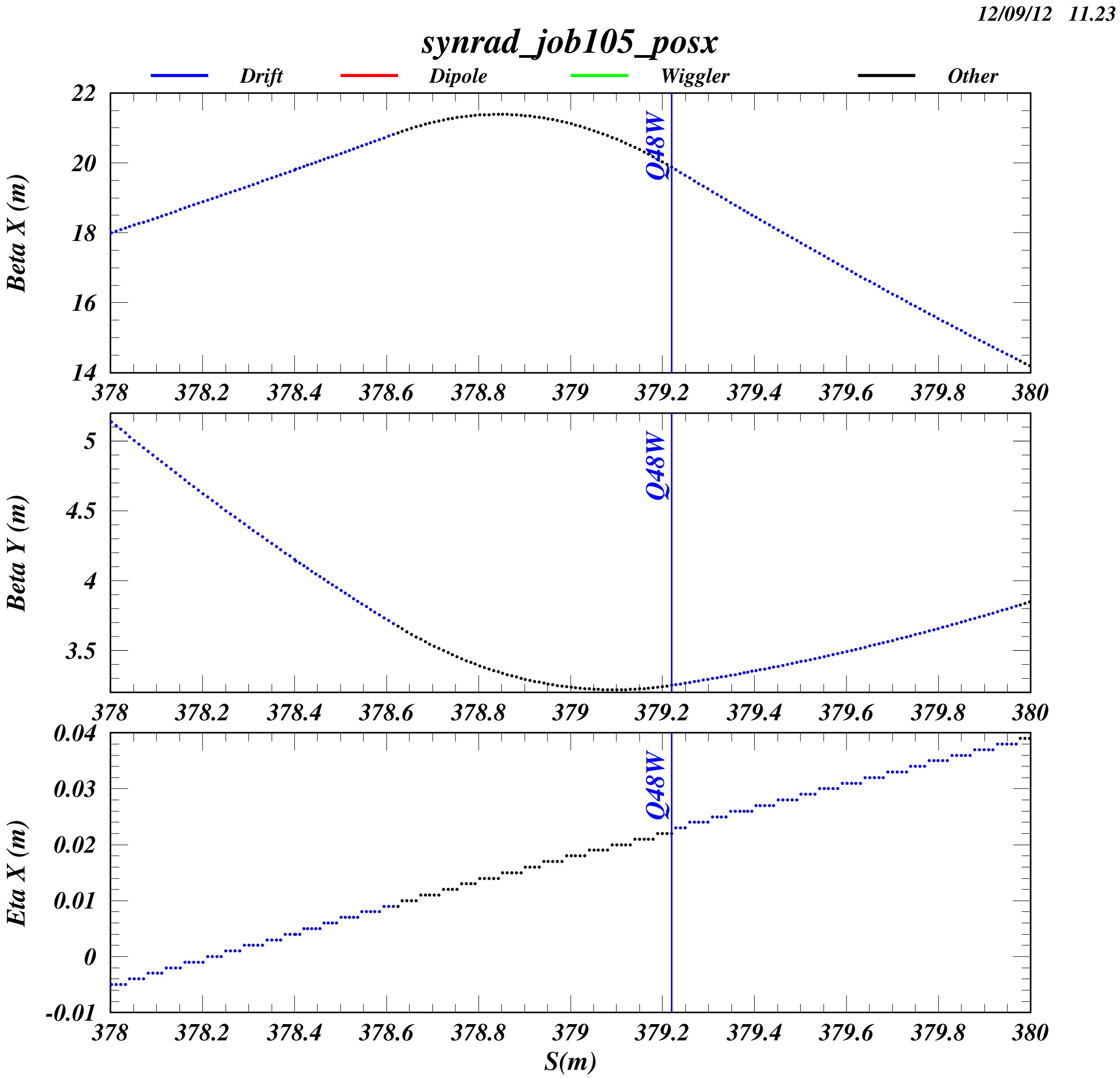
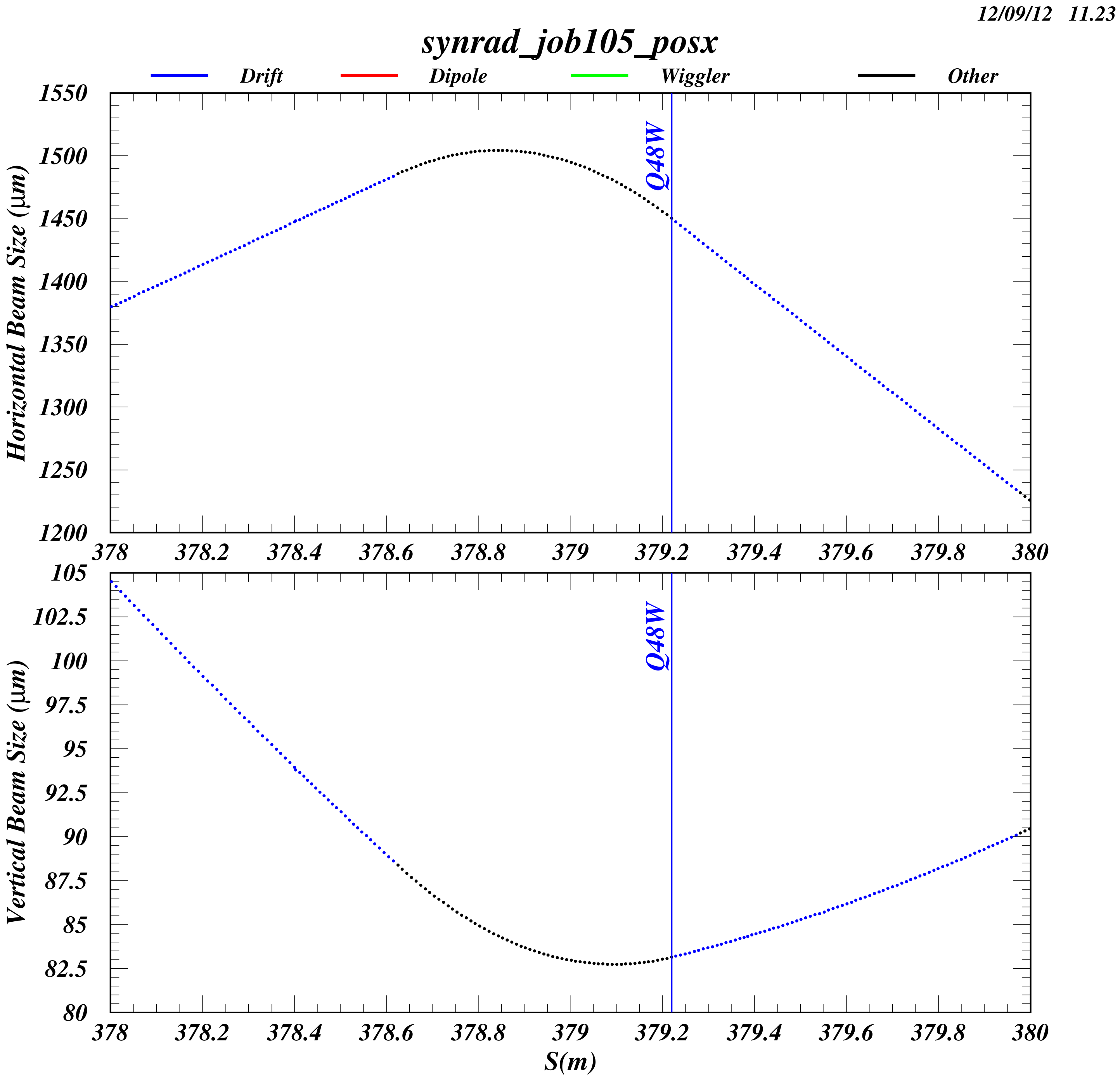
12/09/12 11.23

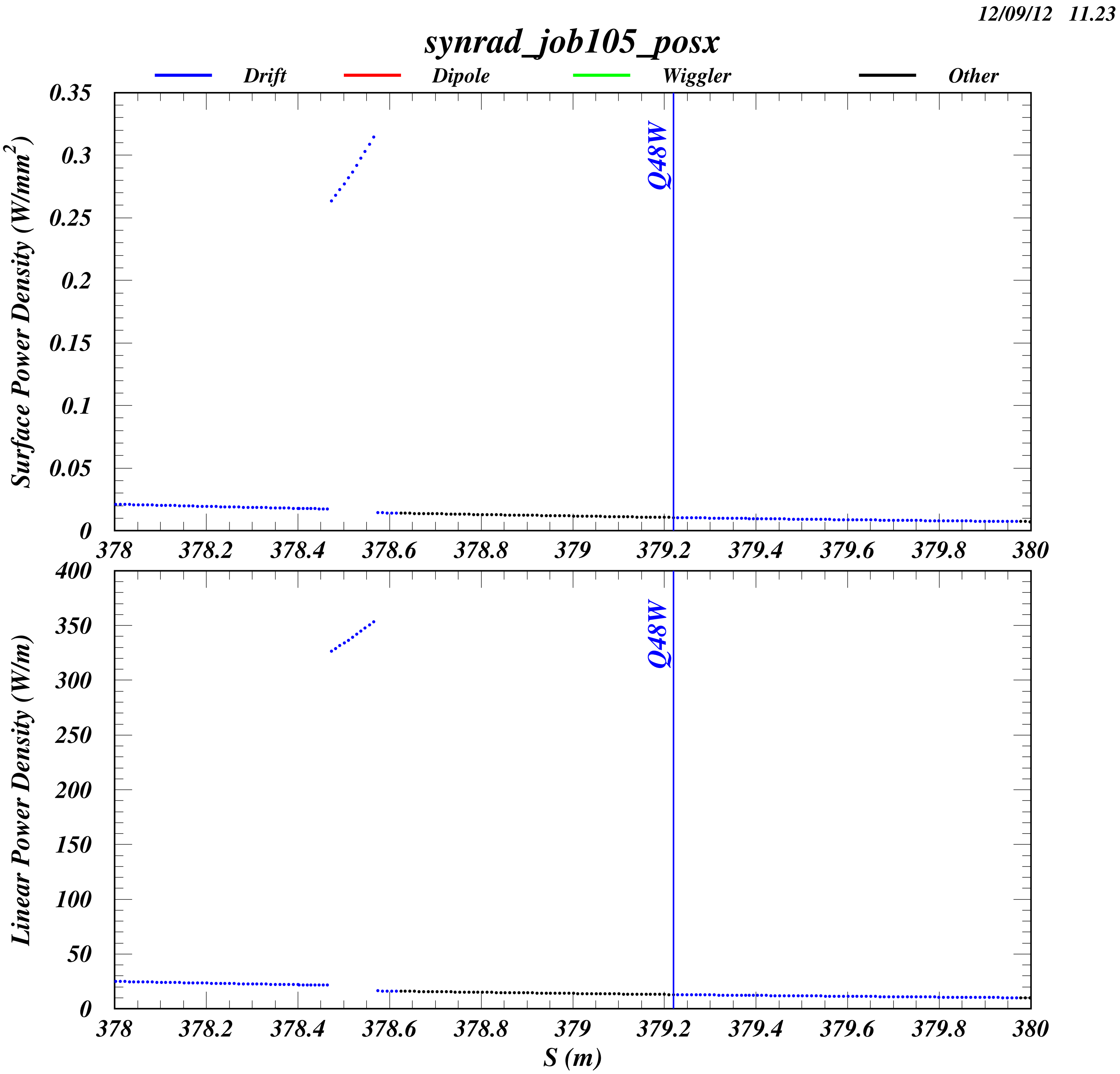

synrad_job105_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Q48W
Power (W/m) for 100 mA Beam Current
Q48W
S (m)

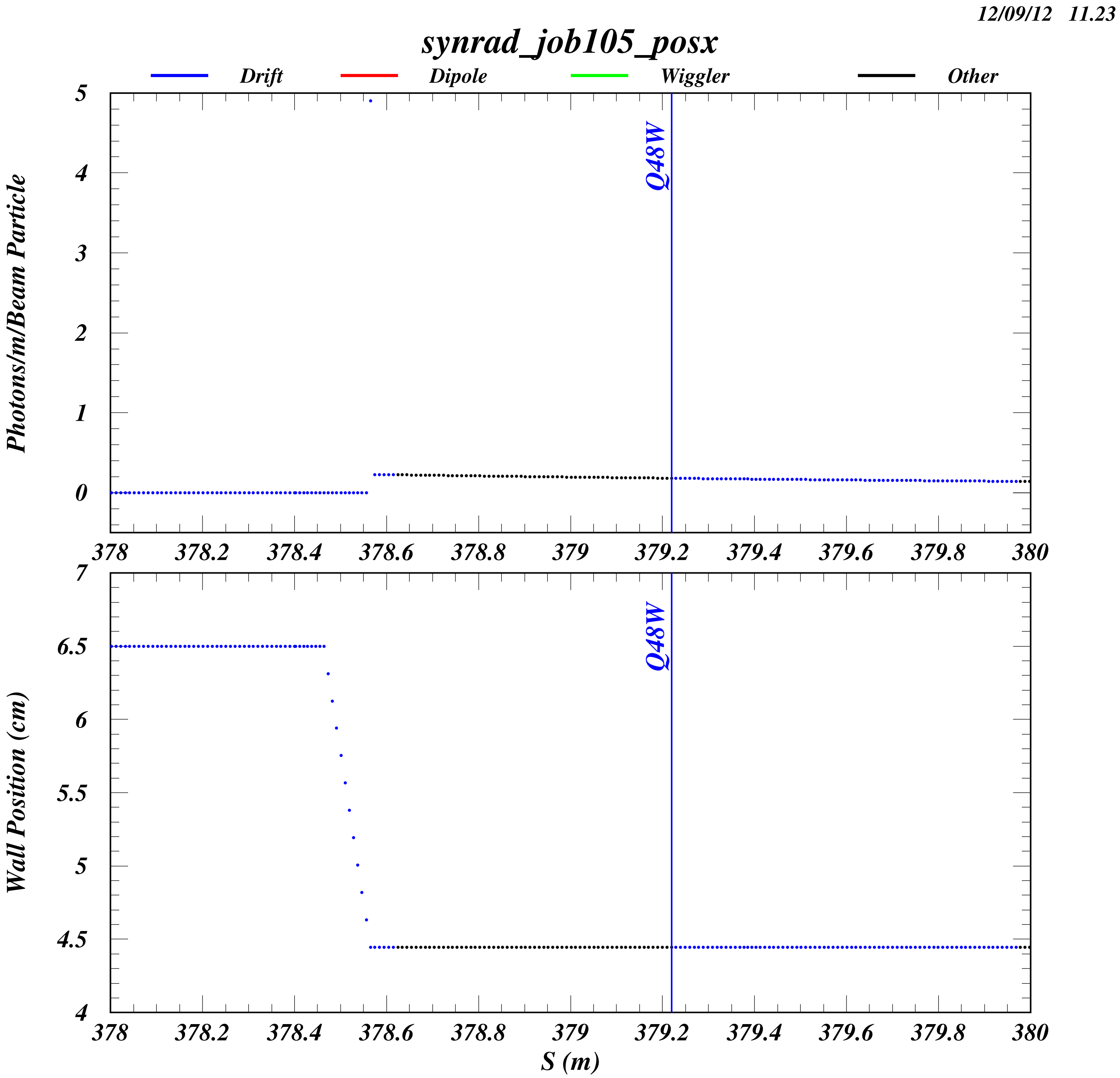

12/09/12 11.23
synrad_job105_posx
Drift
Dipole
Wiggler
Other
Critical Energy (keV)
2.344
2.342
2.34
2.338
2.336
2.334
2.332
2.33
2.328
2.326
Q48W
378
378.2
378.4
378.6
378.8
379
379.2
379.4
379.6
379.8
380
Photons/m/Beam Particle
5
4
3
2
1
0
Q48W
S(m)


12/09/12 11.23
synrad_job105_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
Q48W
Q48W
Q48W
22
20
18
16
14
5
4.5
4
3.5
0.04
0.03
0.02
0.01
0
-0.01
378
378.2
378.4
378.6
378.8
379
379.2
379.4
379.6
379.8
380
S(m)



12/09/12 11.23
synrad_job105_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1550
1500
1450
1400
1350
1300
1250
1200
Q48W
378
378.2
378.4
378.6
378.8
379
379.2
379.4
379.6
379.8
380
Vertical Beam Size (μm)
105
102.5
100
97.5
95
92.5
90
87.5
85
82.5
80
Q48W
S(m)


12/09/12 11.23
synrad_job105_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
Q48W
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
378
378.2
378.4
378.6
378.8
379
379.2
379.4
379.6
379.8
380
Linear Power Density (W/m)
400
350
300
250
200
150
100
50
S (m)



12/09/12 11.23
synrad_job105_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Q48W
Wall Position (cm)
Q48W
S (m)