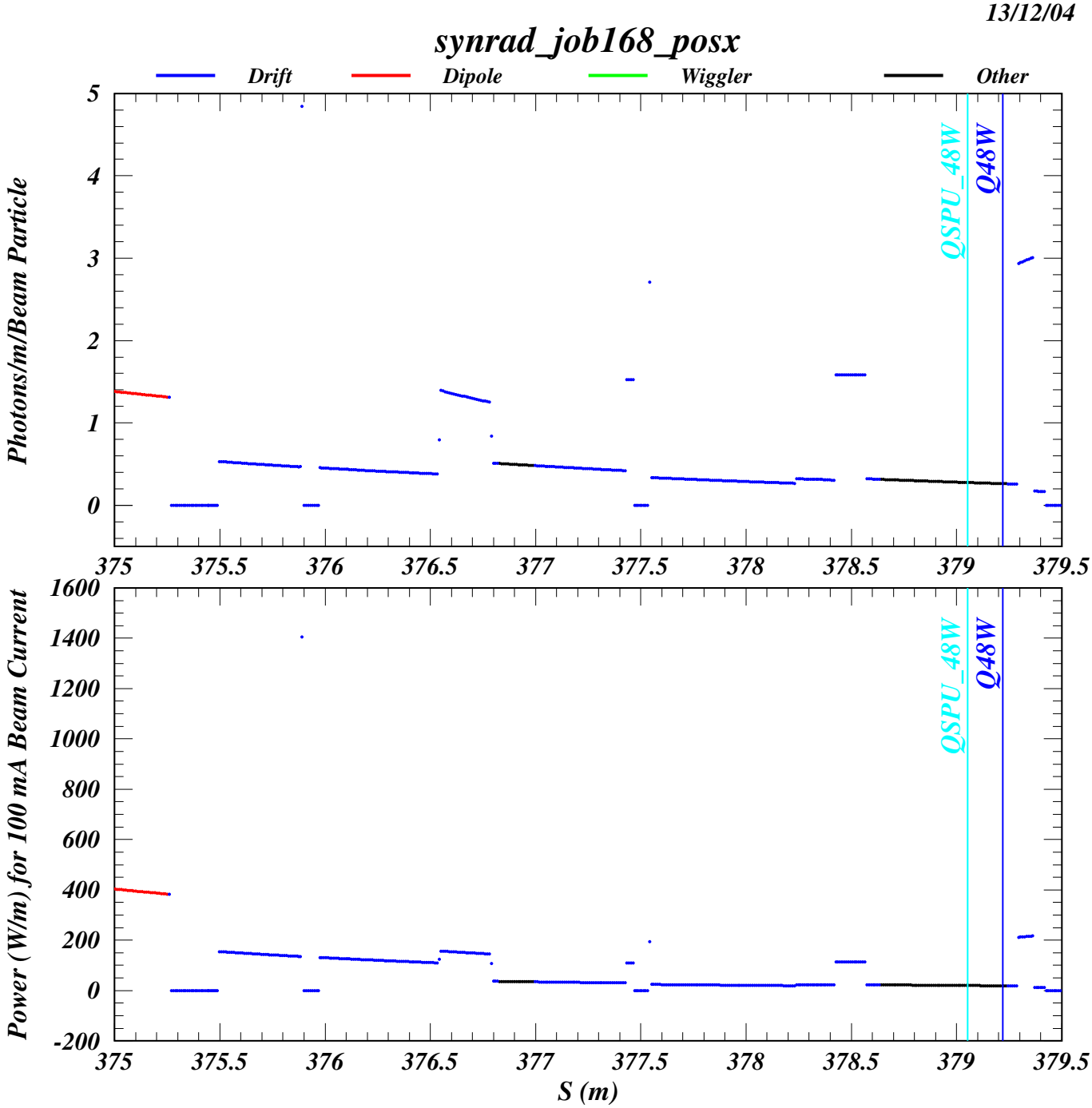
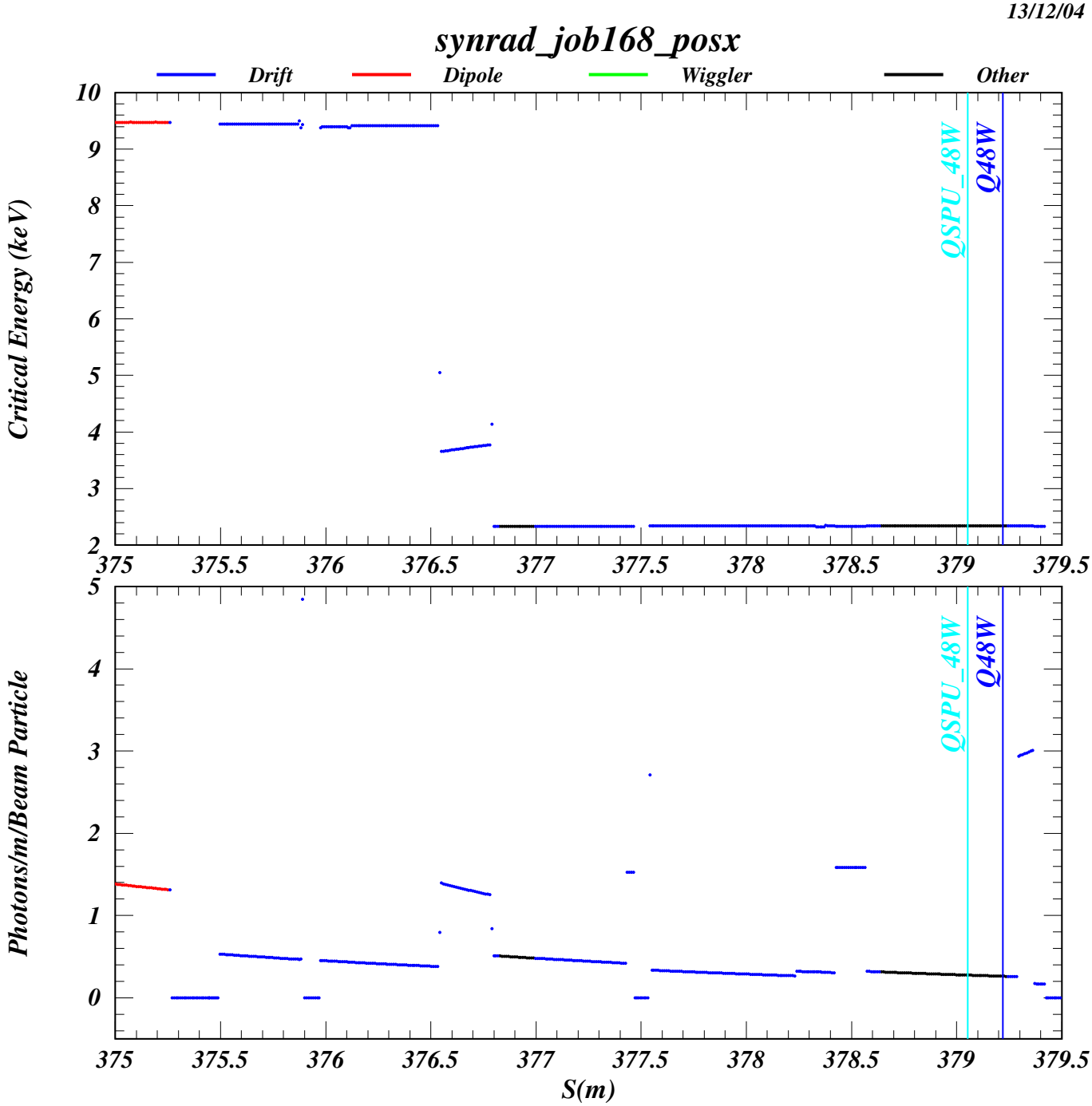
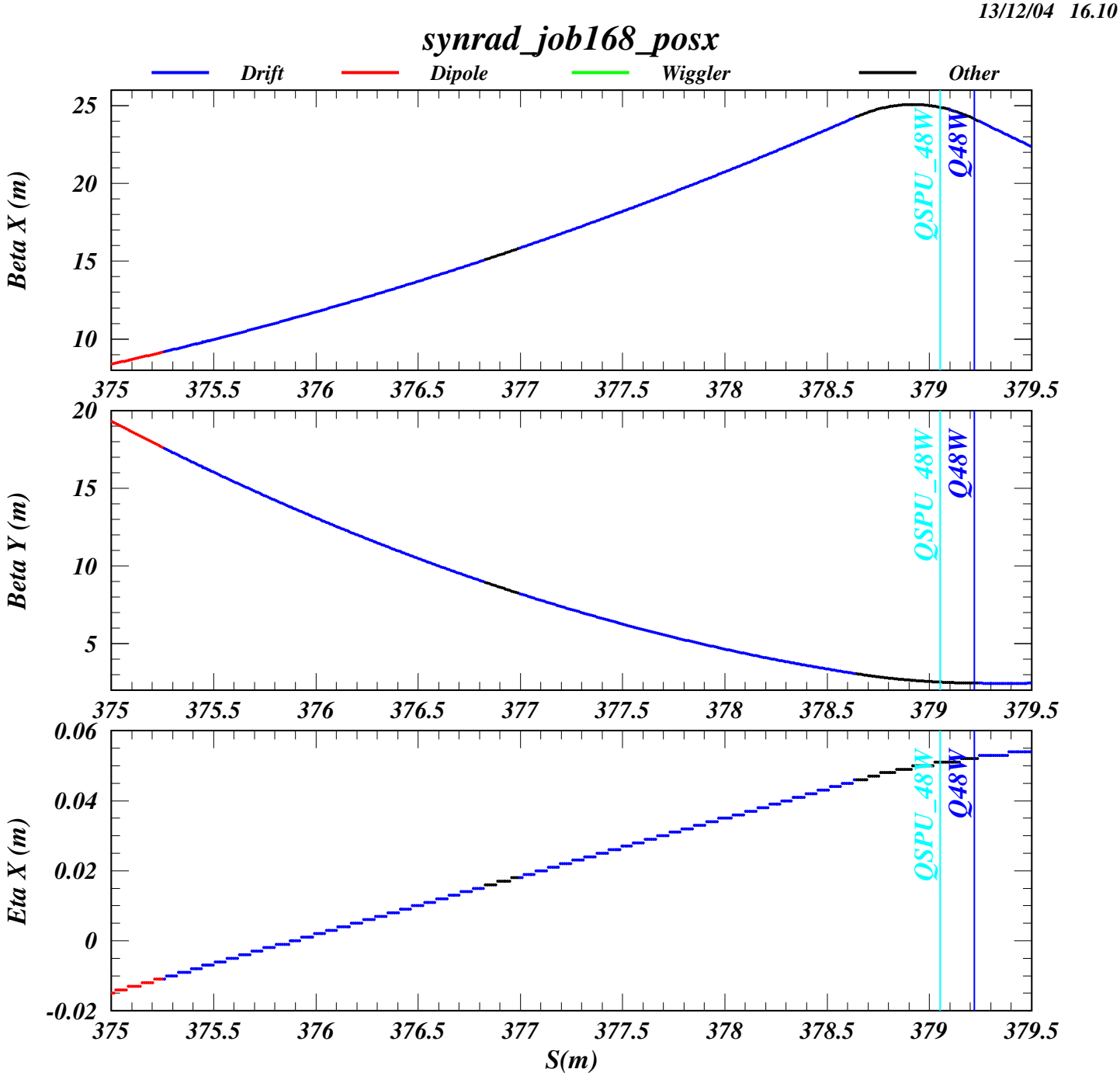
13/12/04 16.10


synrad_job168_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S (m)
QSPU_48W
Q48W
0
1
2
3
4
5
-200
200
400
600
800
1000
1200
1400
1600
375
375.5
376
376.5
377
377.5
378
378.5
379
379.5

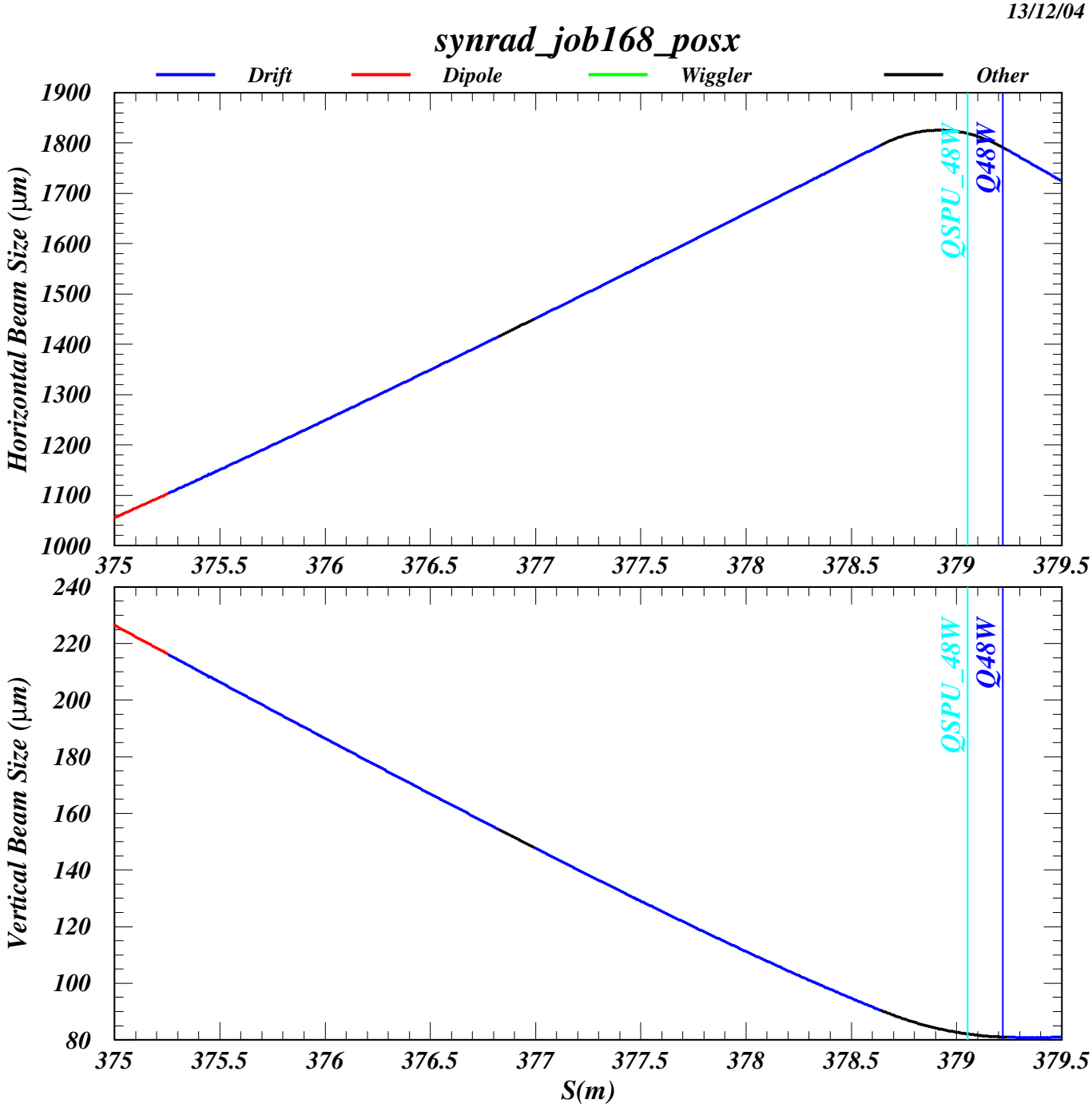
13/12/04 16.10


synrad_job168_posx
Drift
Dipole
Wiggler
Other
Critical Energy (keV)
Photons/m/Beam Particle
S(m)
QSPU_48W
Q48W
10
9
8
7
6
5
4
3
2
1
0
375
375.5
376
376.5
377
377.5
378
378.5
379
379.5

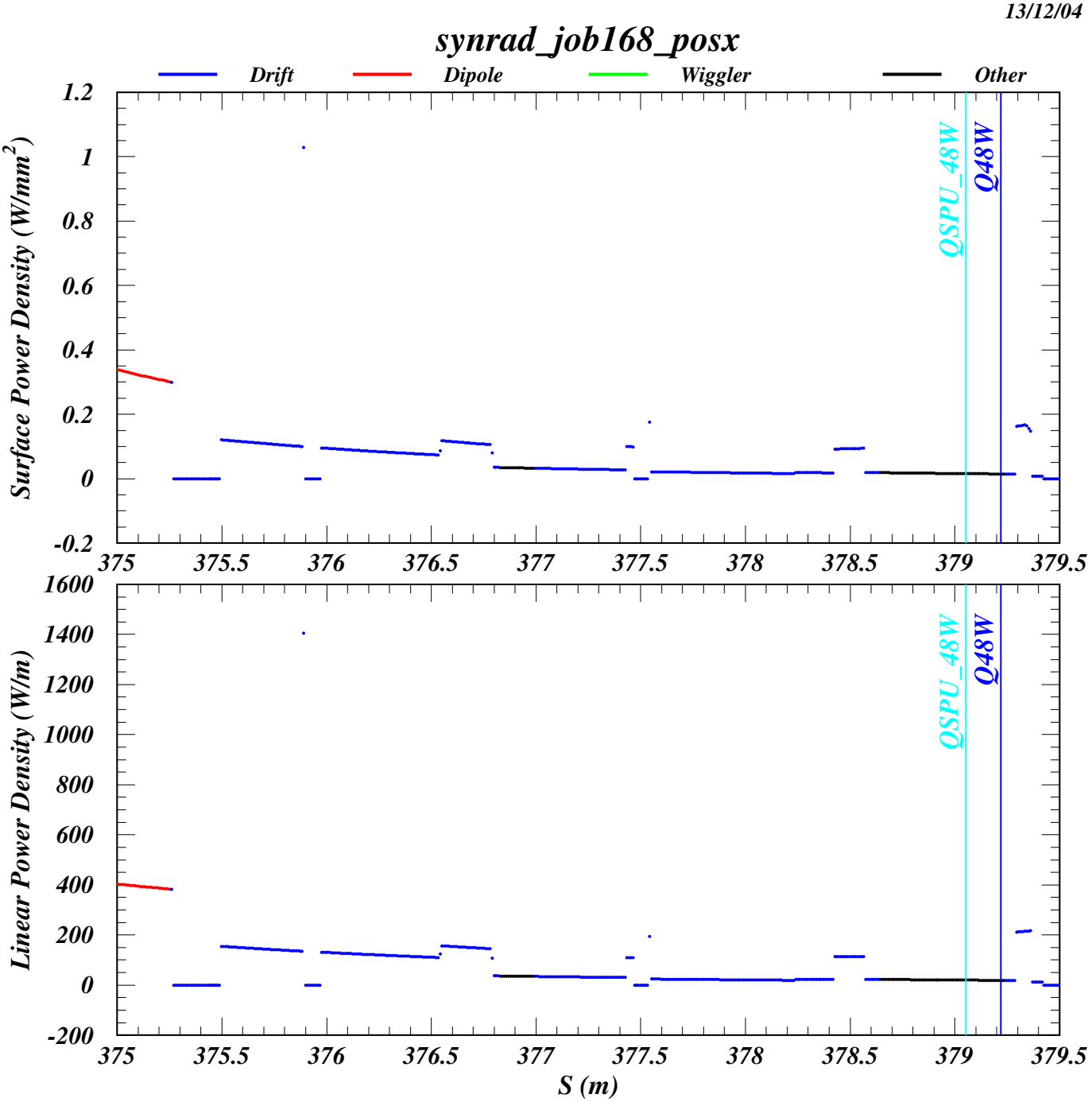
13/12/04 16.10


synrad_job168_posx
Drift
Dipole
Wiggler
Other
Beta X (m)
Beta Y (m)
Eta X (m)
S(m)
QSPU_48W
Q48W
375
375.5
376
376.5
377
377.5
378
378.5
379
379.5

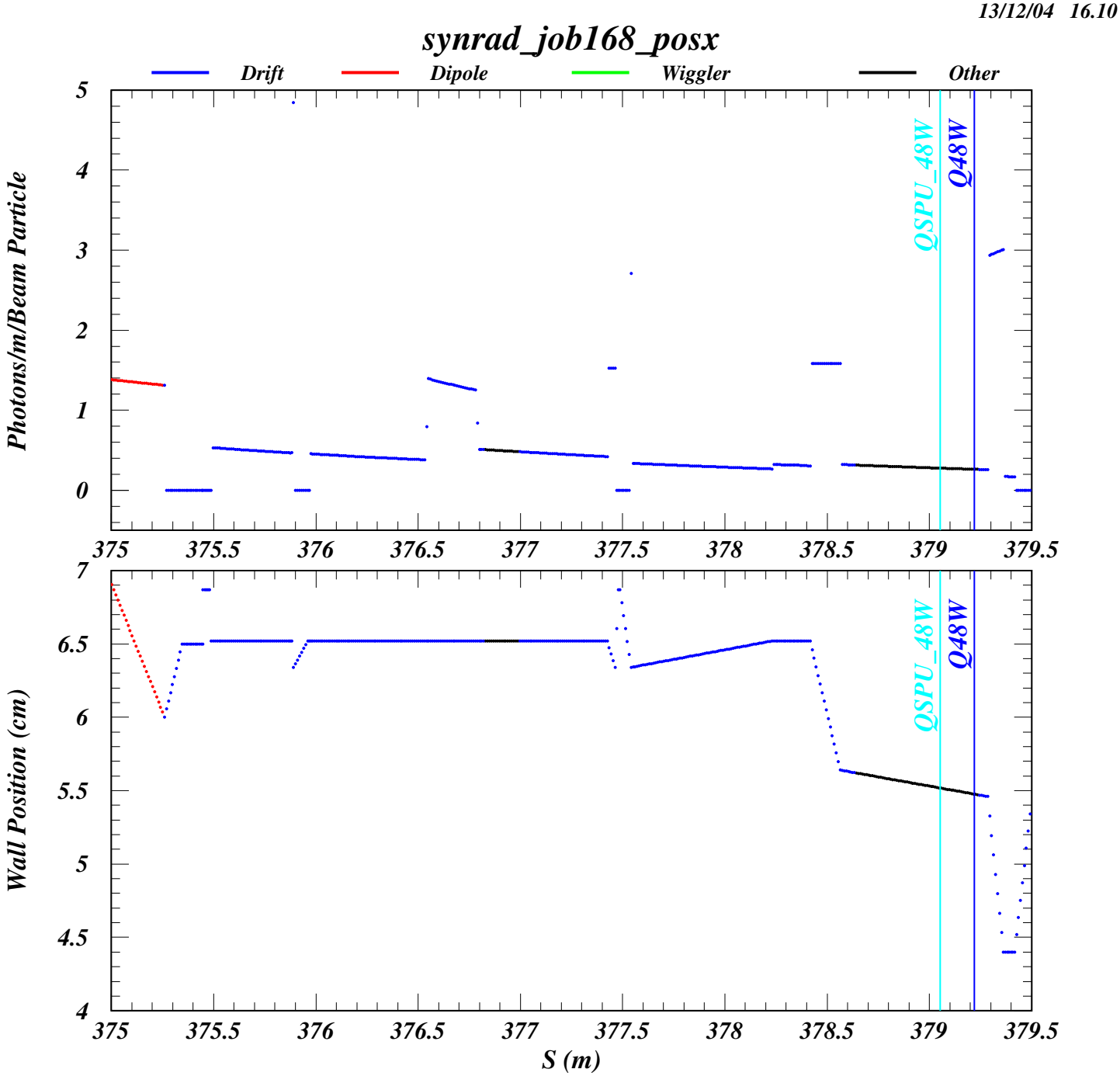
13/12/04 16.10


synrad_job168_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
375
375.5
376
376.5
377
377.5
378
378.5
379
379.5
QSPU_48W
Q48W
Vertical Beam Size (μm)
240
220
200
180
160
140
120
100
80
S(m)

13/12/04 16.10


synrad_job168_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
QSPU_48W
Q48W
375
375.5
376
376.5
377
377.5
378
378.5
379
379.5
Linear Power Density (W/m)
1600
1400
1200
1000
800
600
400
200
0
-200
S (m)

13/12/04 16.10


synrad_job168_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Wall Position (cm)
S (m)
QSPU_48W
Q48W
0
1
2
3
4
5
4
4.5
5
5.5
6
6.5
7
375
375.5
376
376.5
377
377.5
378
378.5
379
379.5