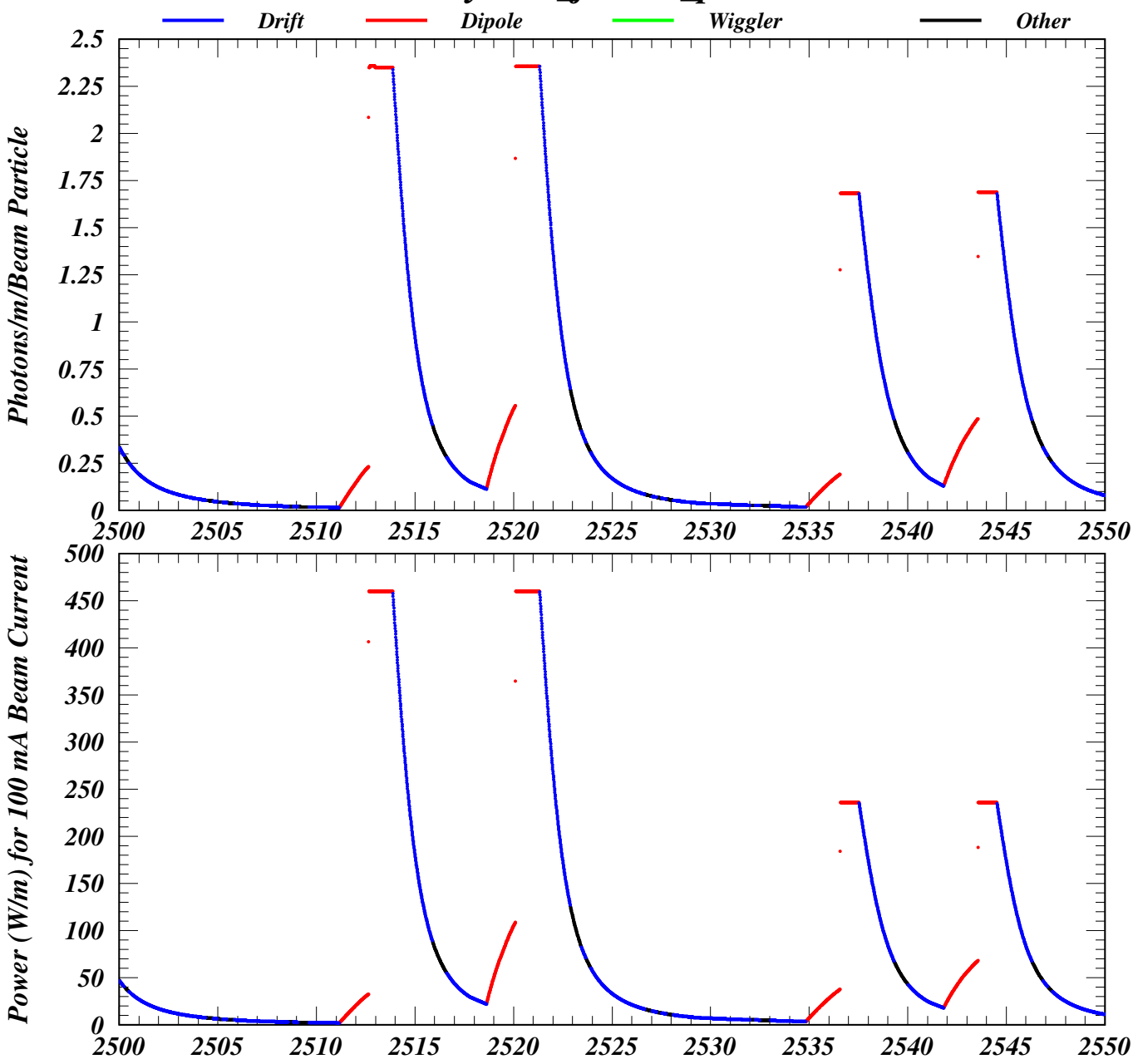
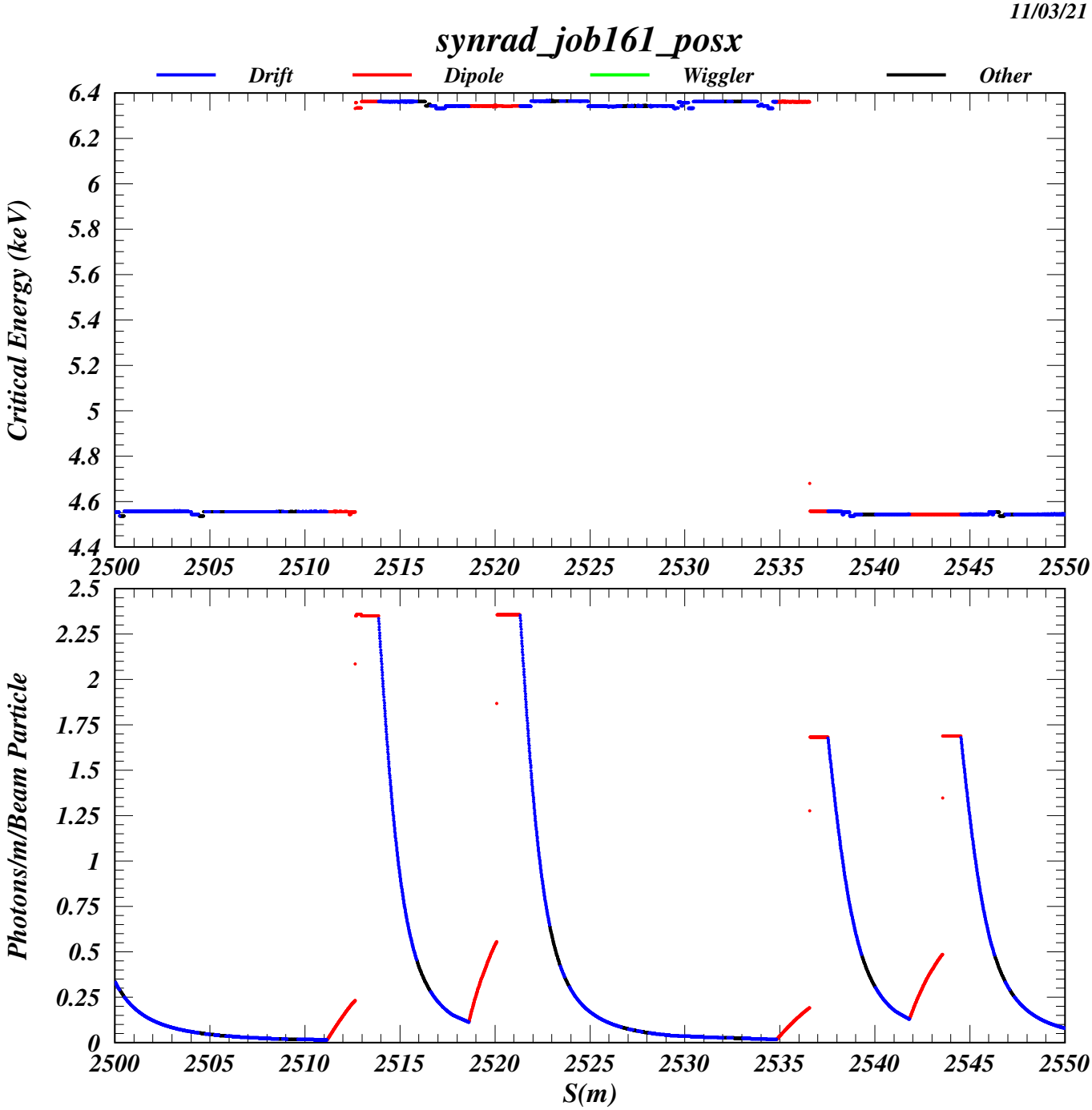
11/03/21 12.56

synrad_job161_posx

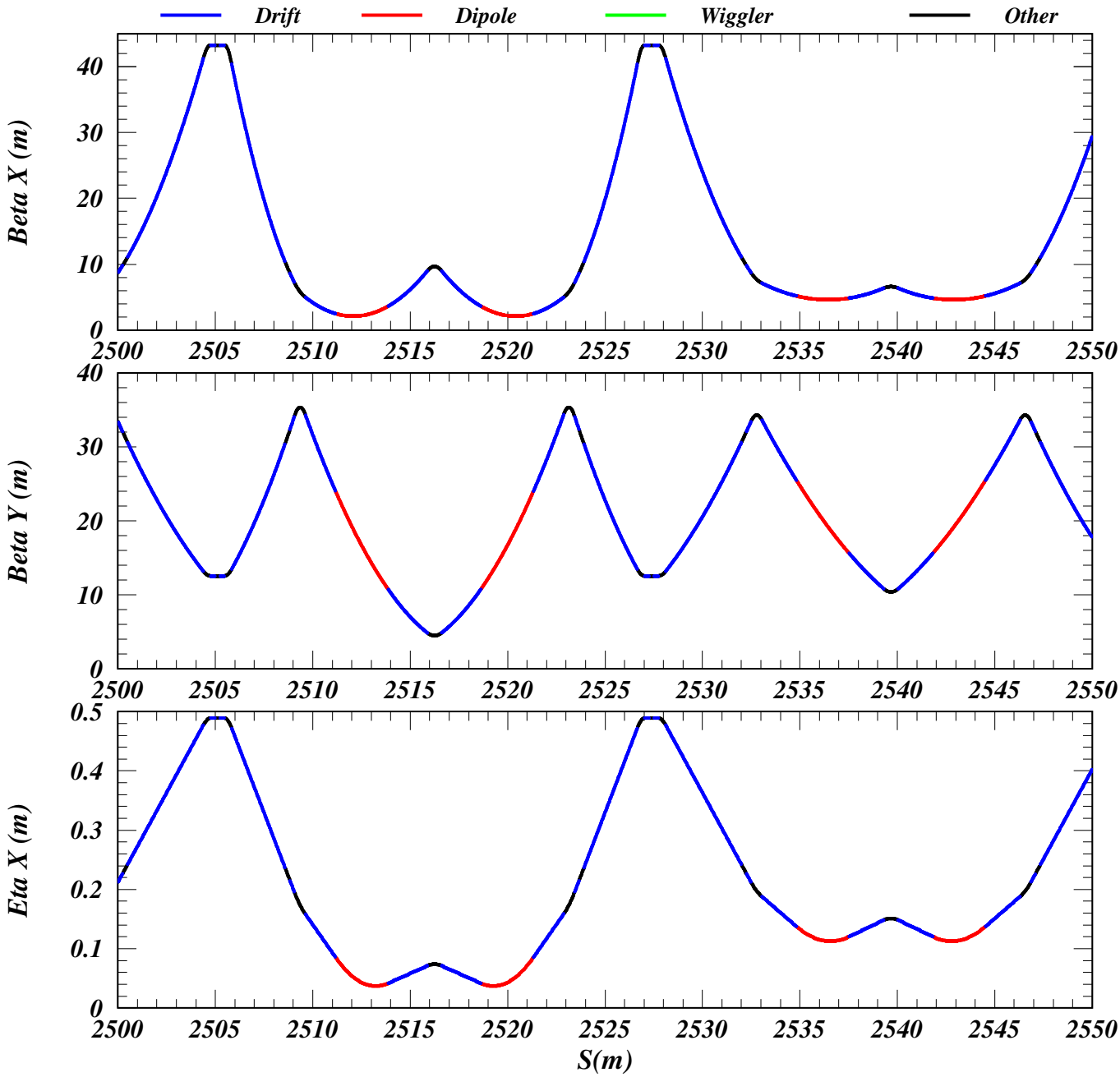


11/03/21 12.56

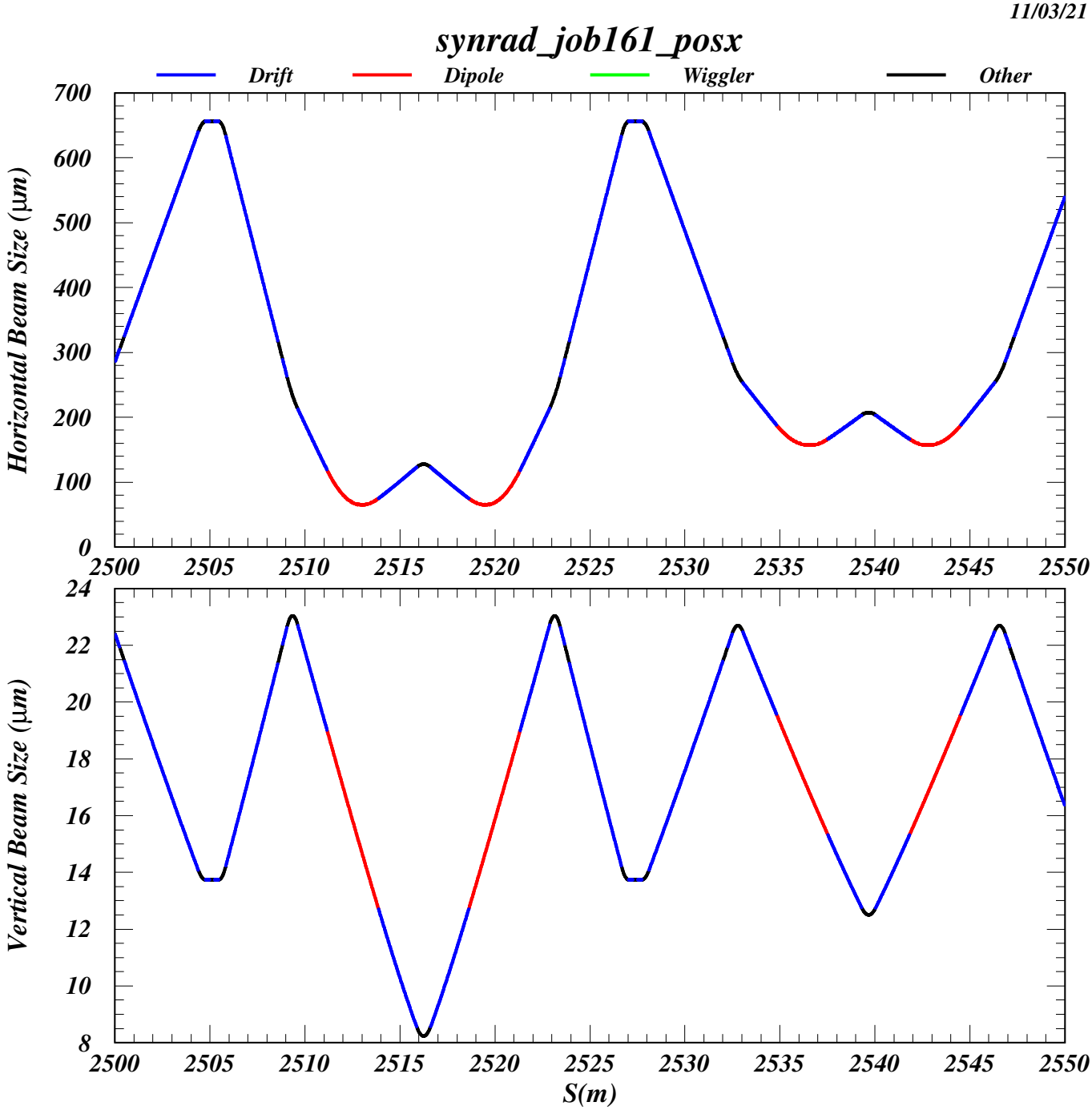

synrad_job161_posx
Drift
Dipole
Wiggler
Other
Critical Energy (keV)
6.4
6.2
6
5.8
5.6
5.4
5.2
5
4.8
4.6
4.4
2500
2505
2510
2515
2520
2525
2530
2535
2540
2545
2550
Photons/m/Beam Particle
2.5
2.25
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
S(m)

11/03/21 12.57

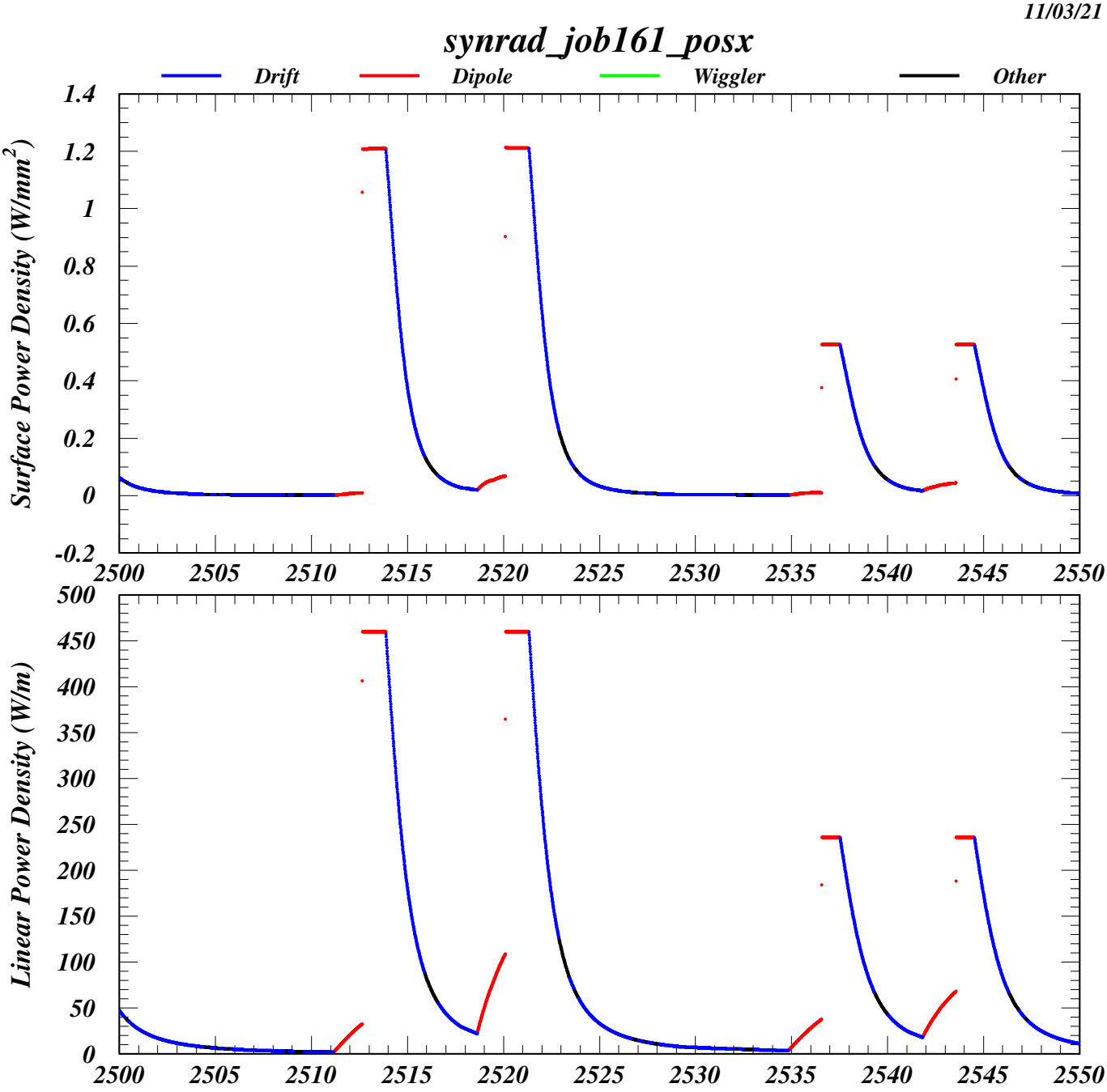
synrad_job161_posx



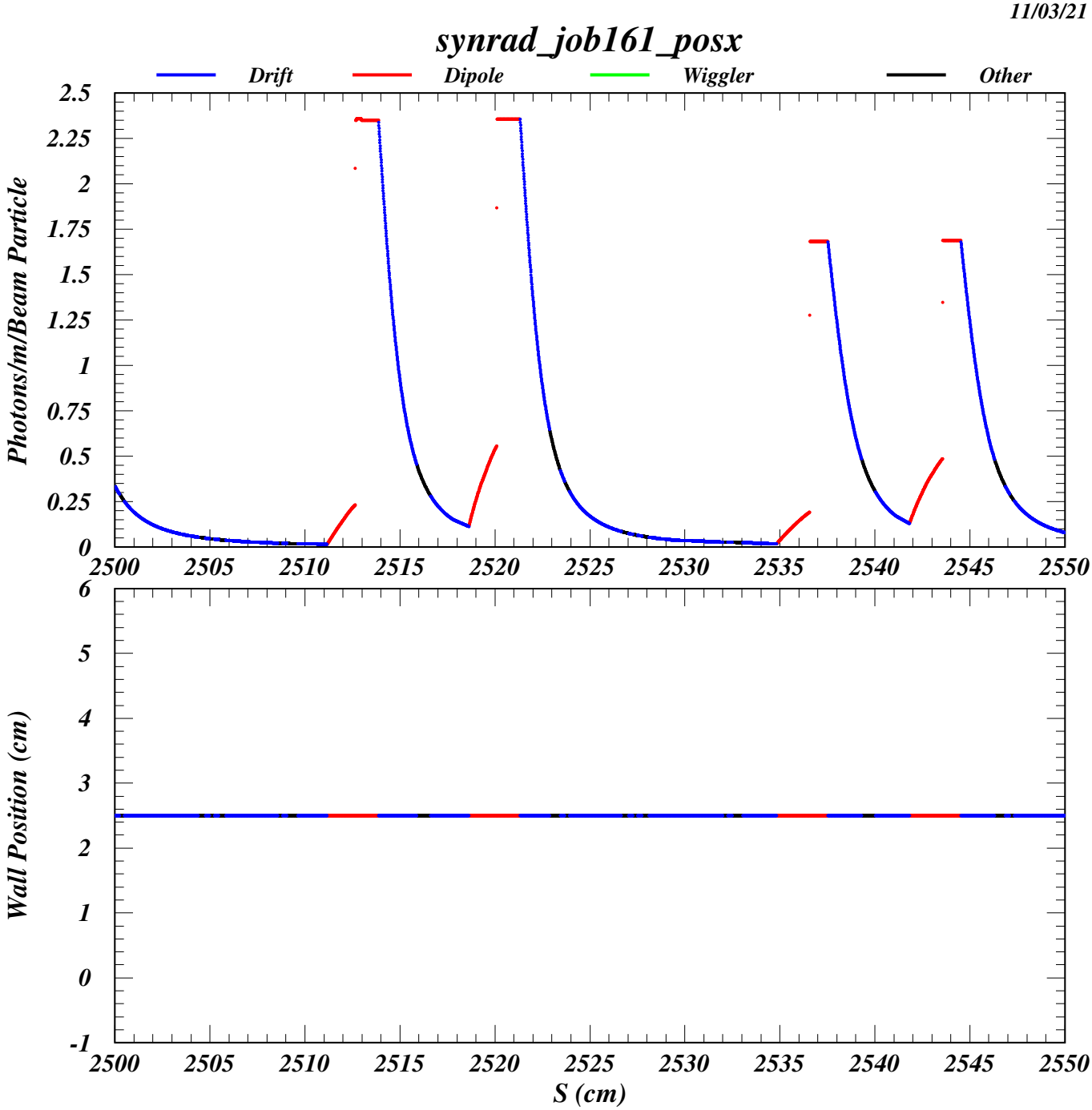
11/03/21 12.57


synrad_job161_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
700
600
500
400
300
200
100
0
2500
2505
2510
2515
2520
2525
2530
2535
2540
2545
2550
Vertical Beam Size (μm)
24
22
20
18
16
14
12
10
8
S(m)

11/03/21 12.57


synrad_job161_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm^2)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
2500
2505
2510
2515
2520
2525
2530
2535
2540
2545
2550
Linear Power Density (W/m)
500
450
400
350
300
250
200
150
100
50
0
2500
2505
2510
2515
2520
2525
2530
2535
2540
2545
2550

11/03/21 12.57


synrad_job161_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
2.5
2.25
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
2500
2505
2510
2515
2520
2525
2530
2535
2540
2545
2550
Wall Position (cm)
6
5
4
3
2
1
0
-1
S (cm)