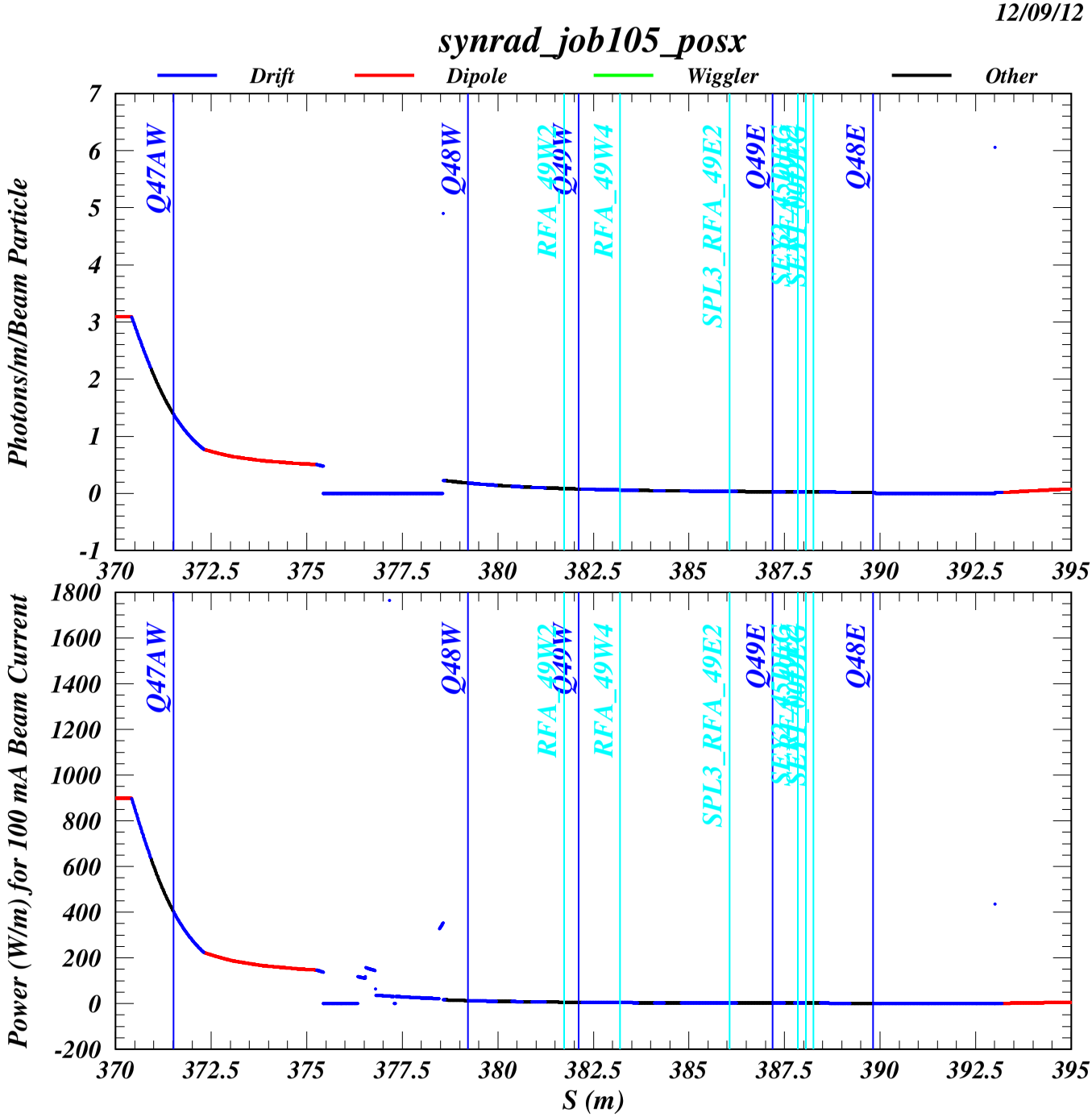
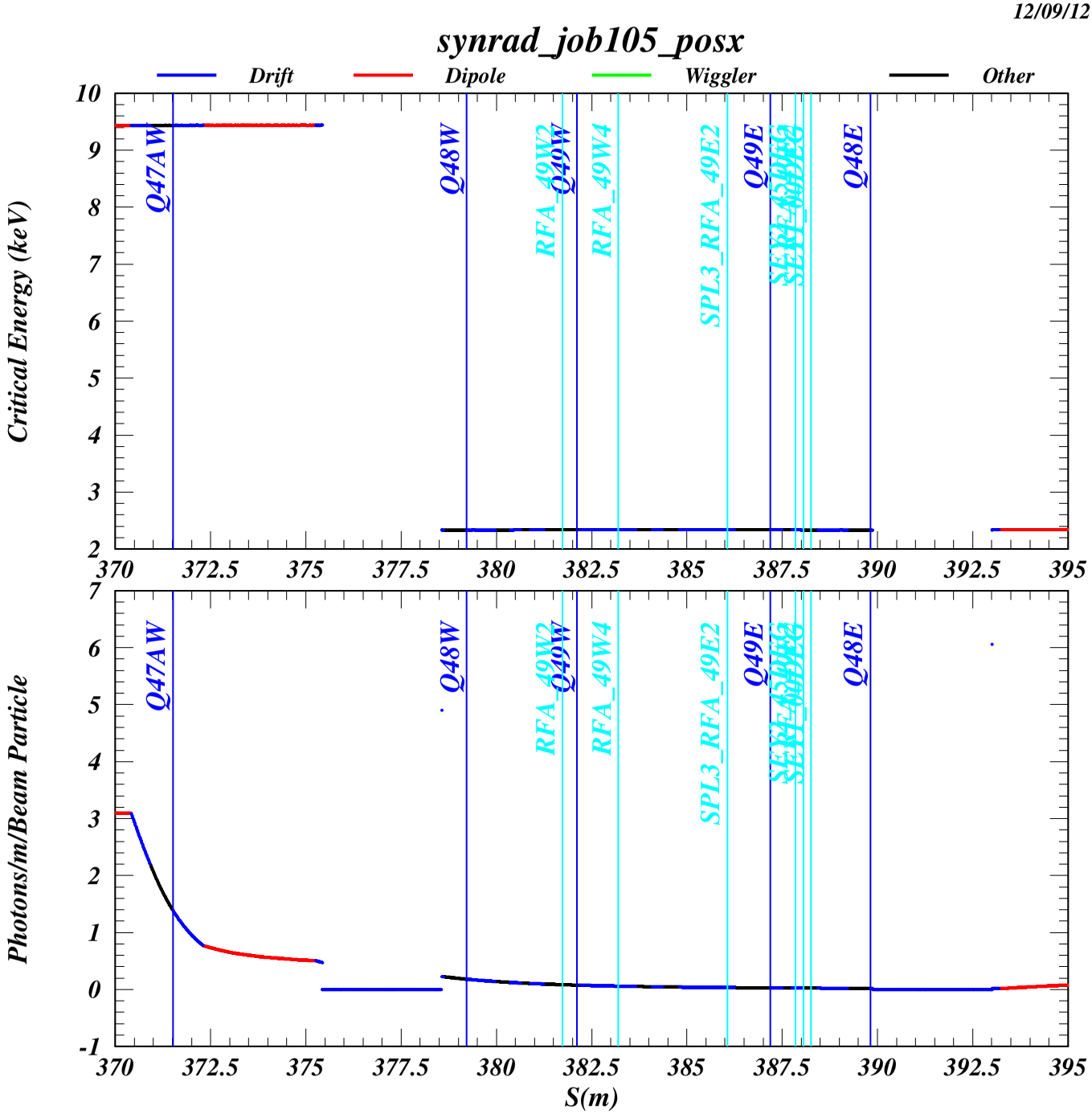
12/09/12 11.05

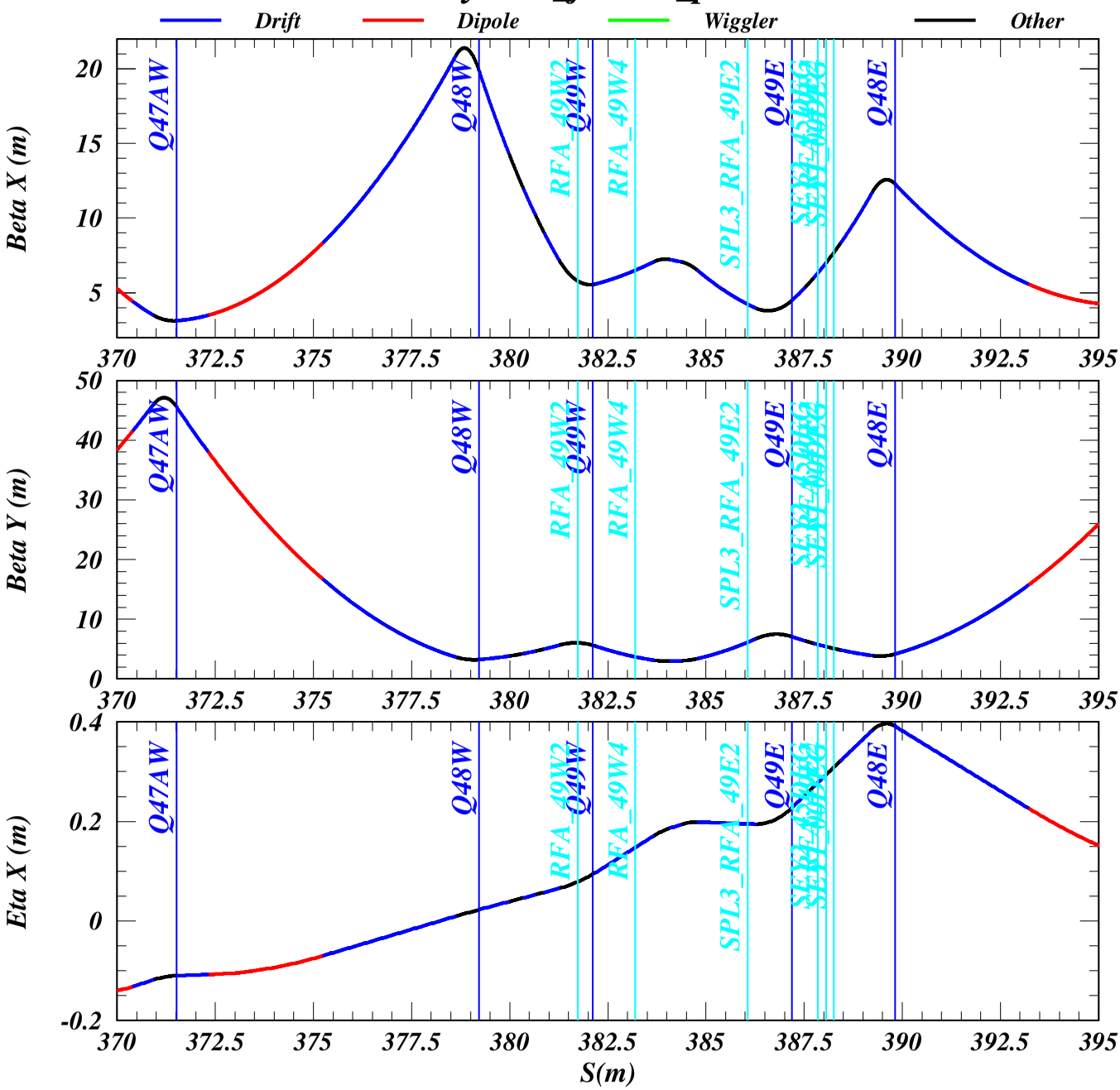

synrad_job105_posx
Drift
Dipole
Wiggler
Other
Photons/m/Beam Particle
Power (W/m) for 100 mA Beam Current
S (m)
Q47AW
Q48W
RFA_49W2
Q49W
RFA_49W4
SPL3_RFA_49E2
Q49E
Q48E
370
372.5
375
377.5
380
382.5
385
387.5
390
392.5
395

12/09/12 11.05

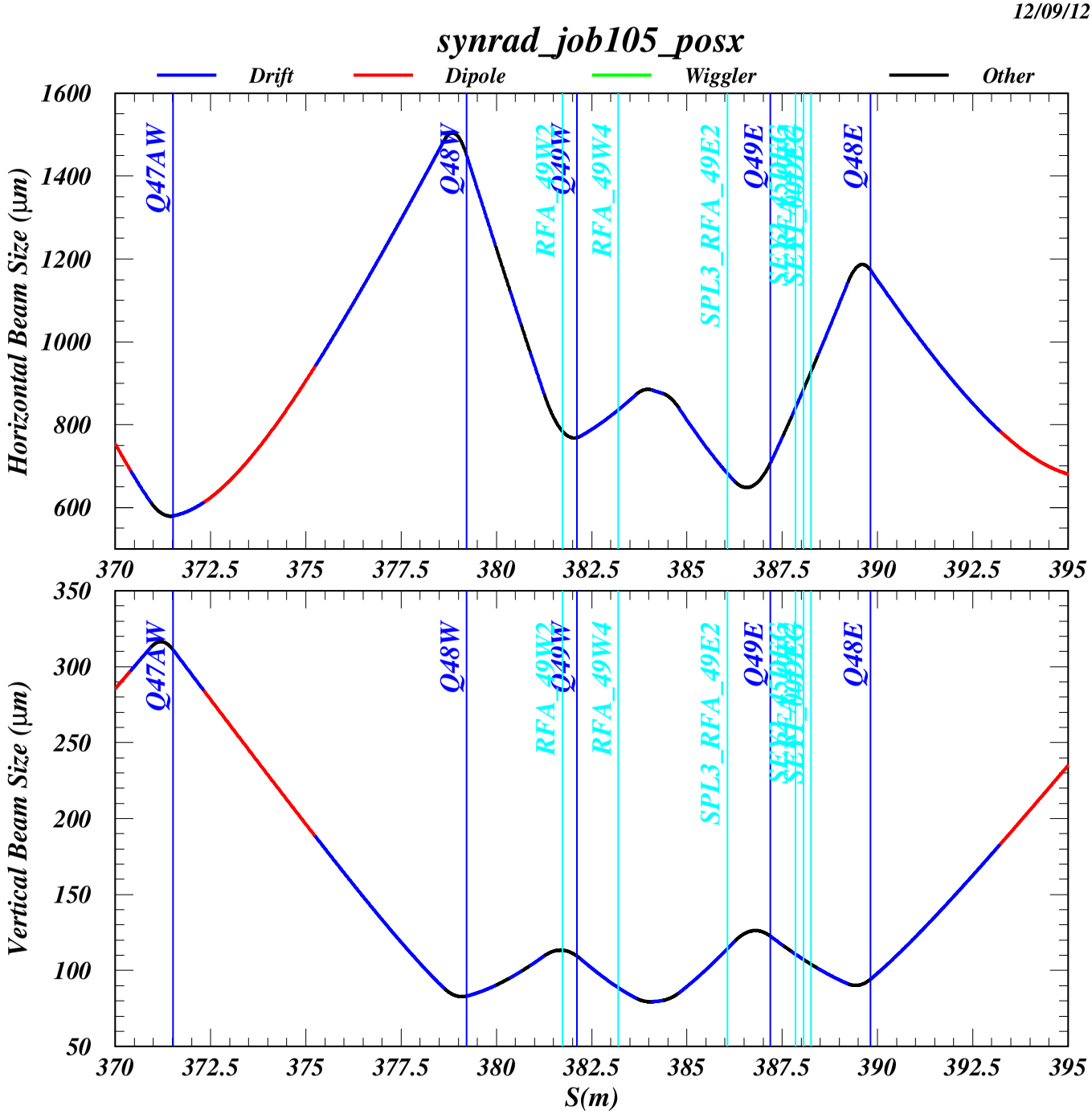

synrad_job105_posx
Drift
Dipole
Wiggler
Other
Critical Energy (keV)
Photons/m/Beam Particle
S(m)
Q47AW
Q48W
RFA_49W2
Q49W
RFA_49W4
SPL3_RFA_49E2
Q49E
Q48E
370
372.5
375
377.5
380
382.5
385
387.5
390
392.5
395

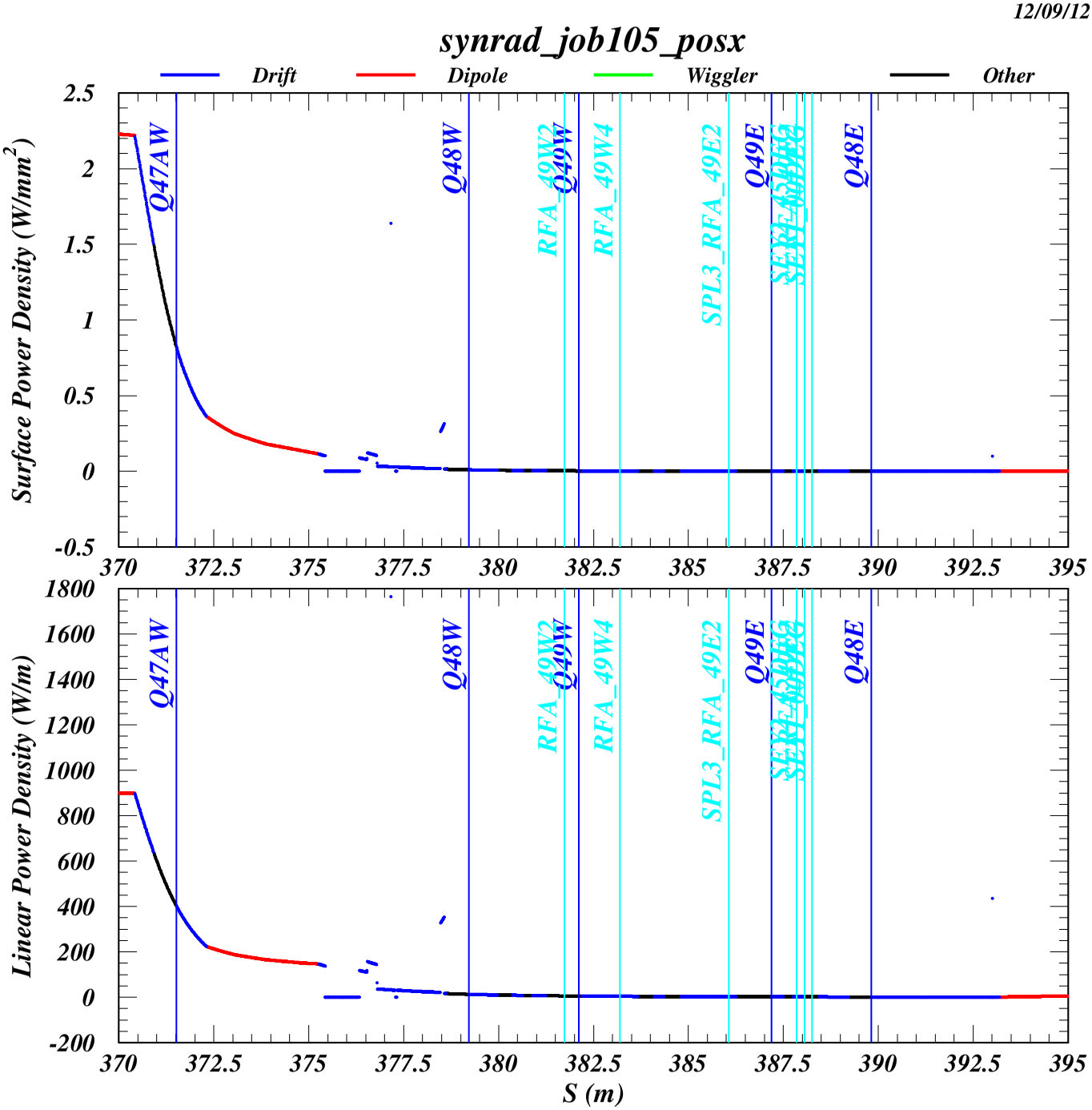
12/09/12 11.05

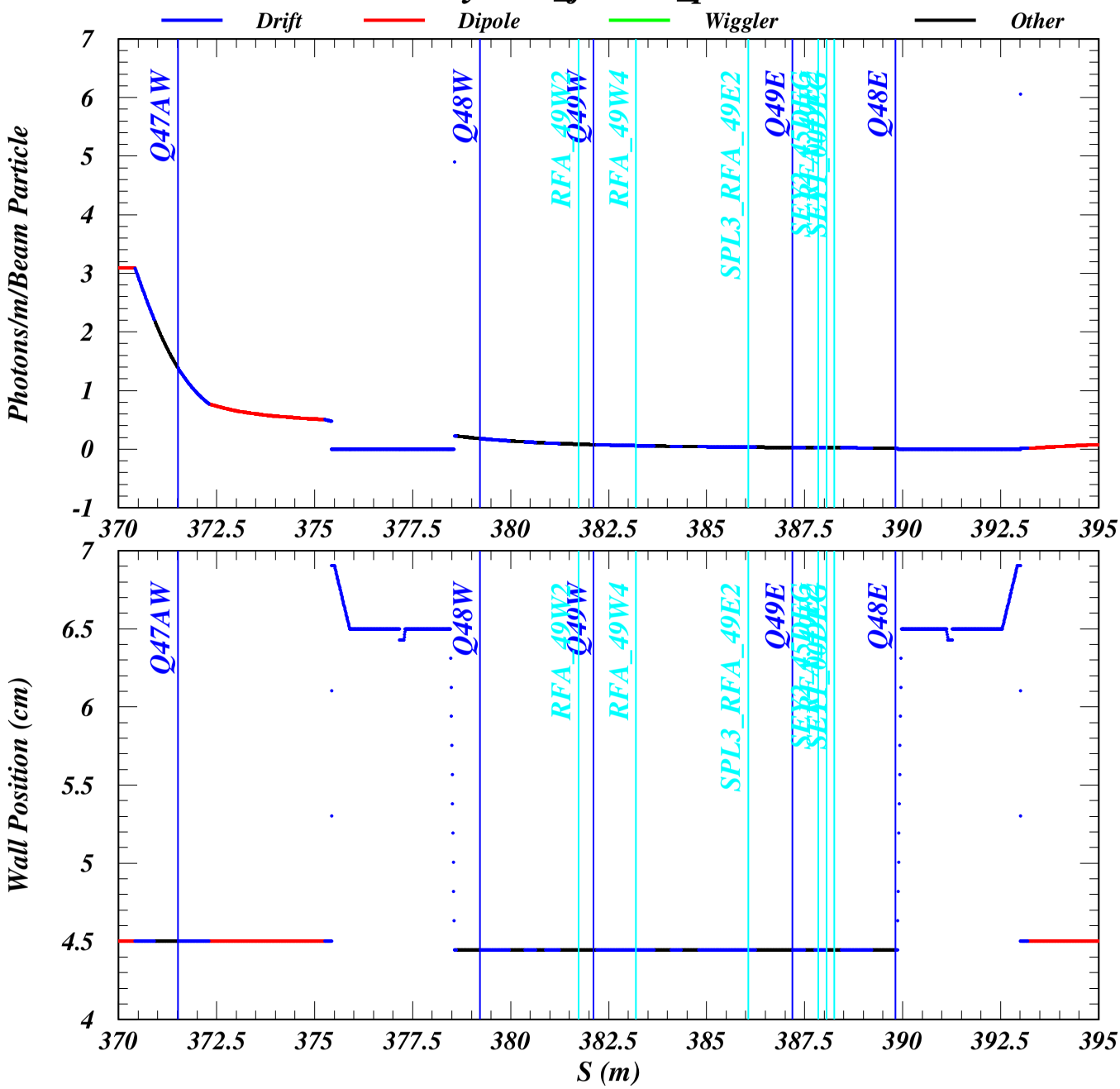
# synrad_job105_posx



12/09/12 11.05


synrad_job105_posx
Drift
Dipole
Wiggler
Other
Horizontal Beam Size (μm)
Vertical Beam Size (μm)
S(m)
Q47AW
Q48W
RFA_49W2
Q49W
RFA_49W4
SPL3_RFA_49E2
Q49E
Q48E


synrad_job105_posx
Drift
Dipole
Wiggler
Other
Surface Power Density (W/mm$^2$)
Linear Power Density (W/m)
S (m)
Q47AW
Q48W
RFA_49W2
Q49W
RFA_49W4
SPL3_RFA_49E2
Q49E
Q48E
2.5
2
1.5
1
0.5
0
-0.5
1800
1600
1400
1200
1000
800
600
400
200
0
-200
370
372.5
375
377.5
380
382.5
385
387.5
390
392.5
395

12/09/12 11.05

# synrad_job105_posx