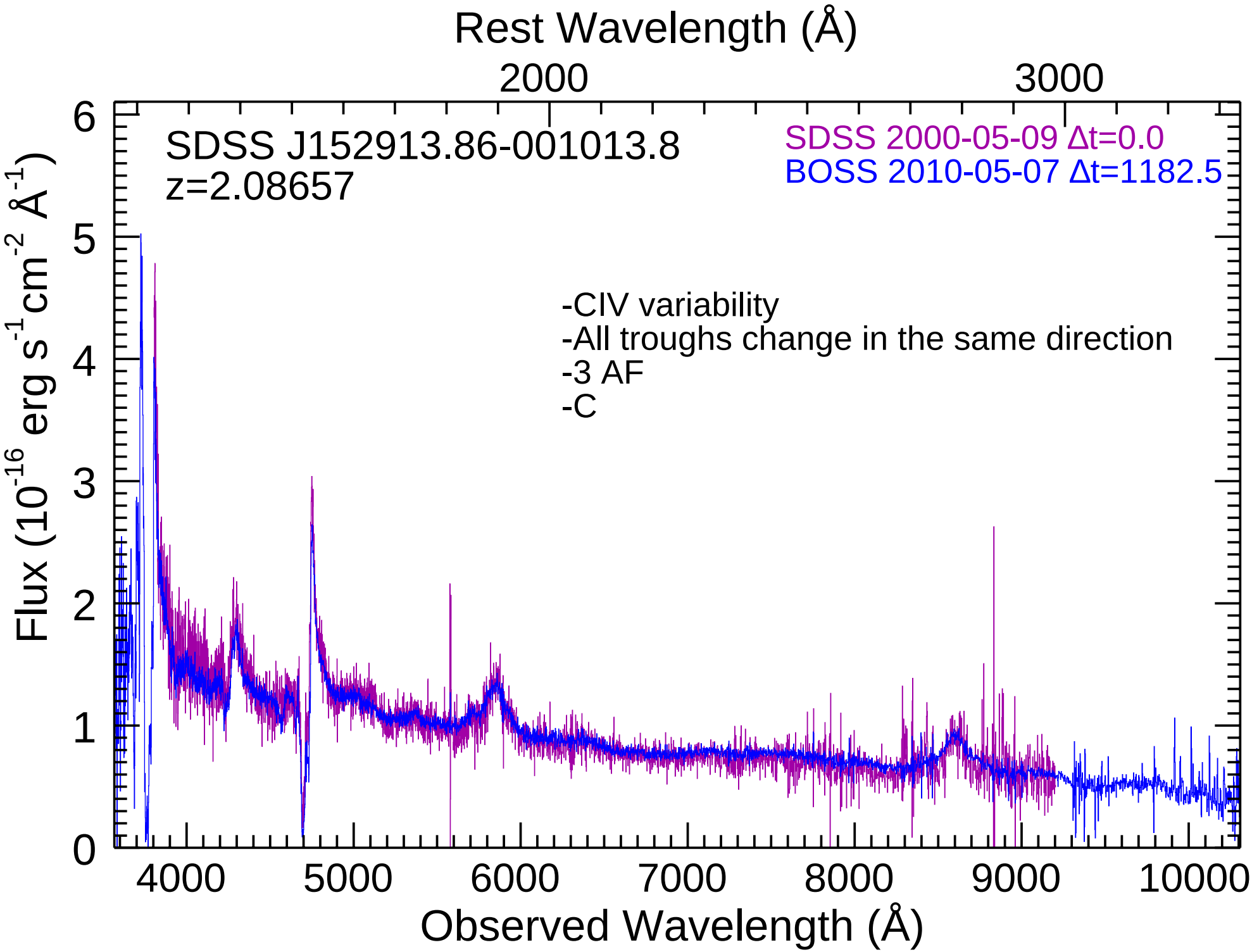
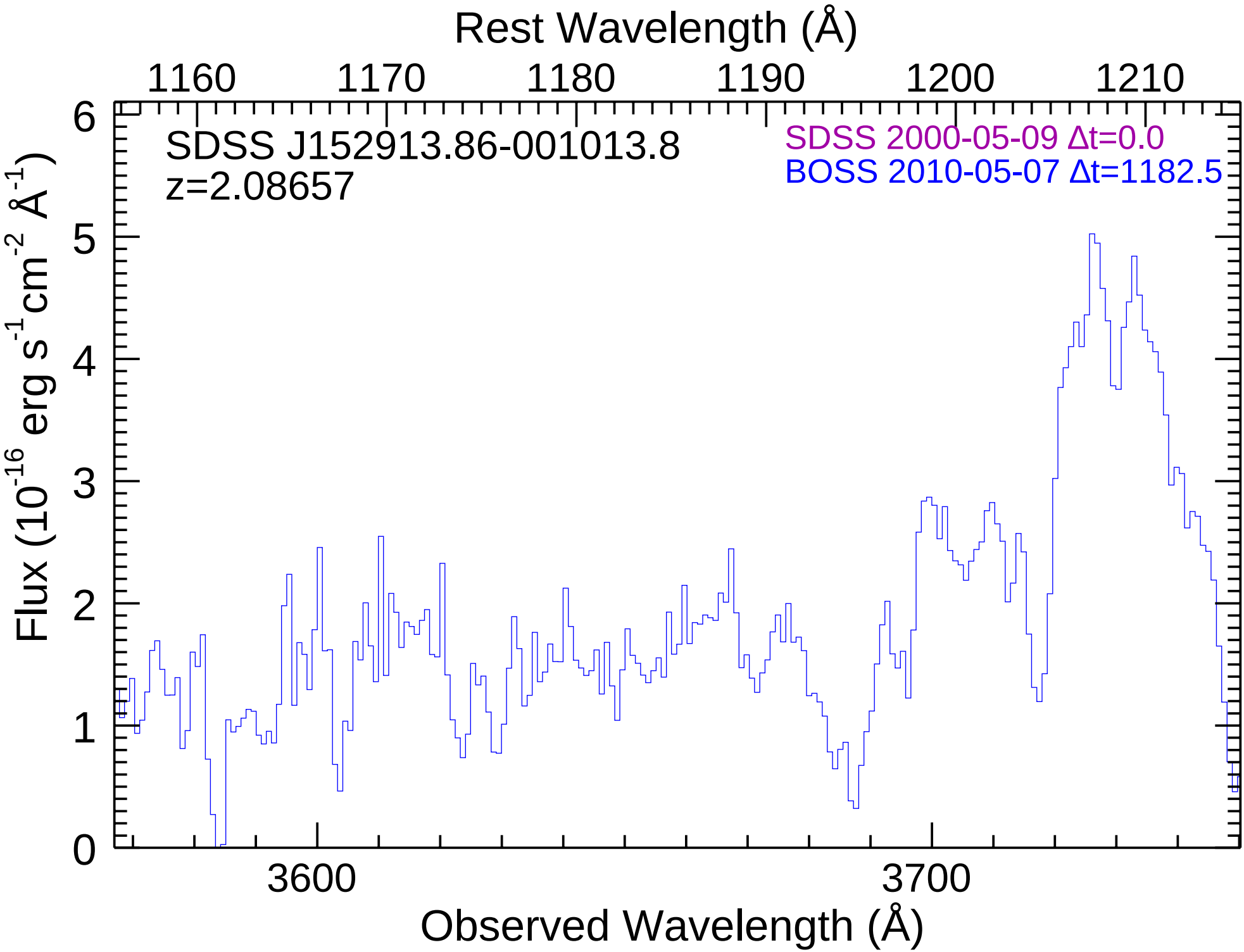
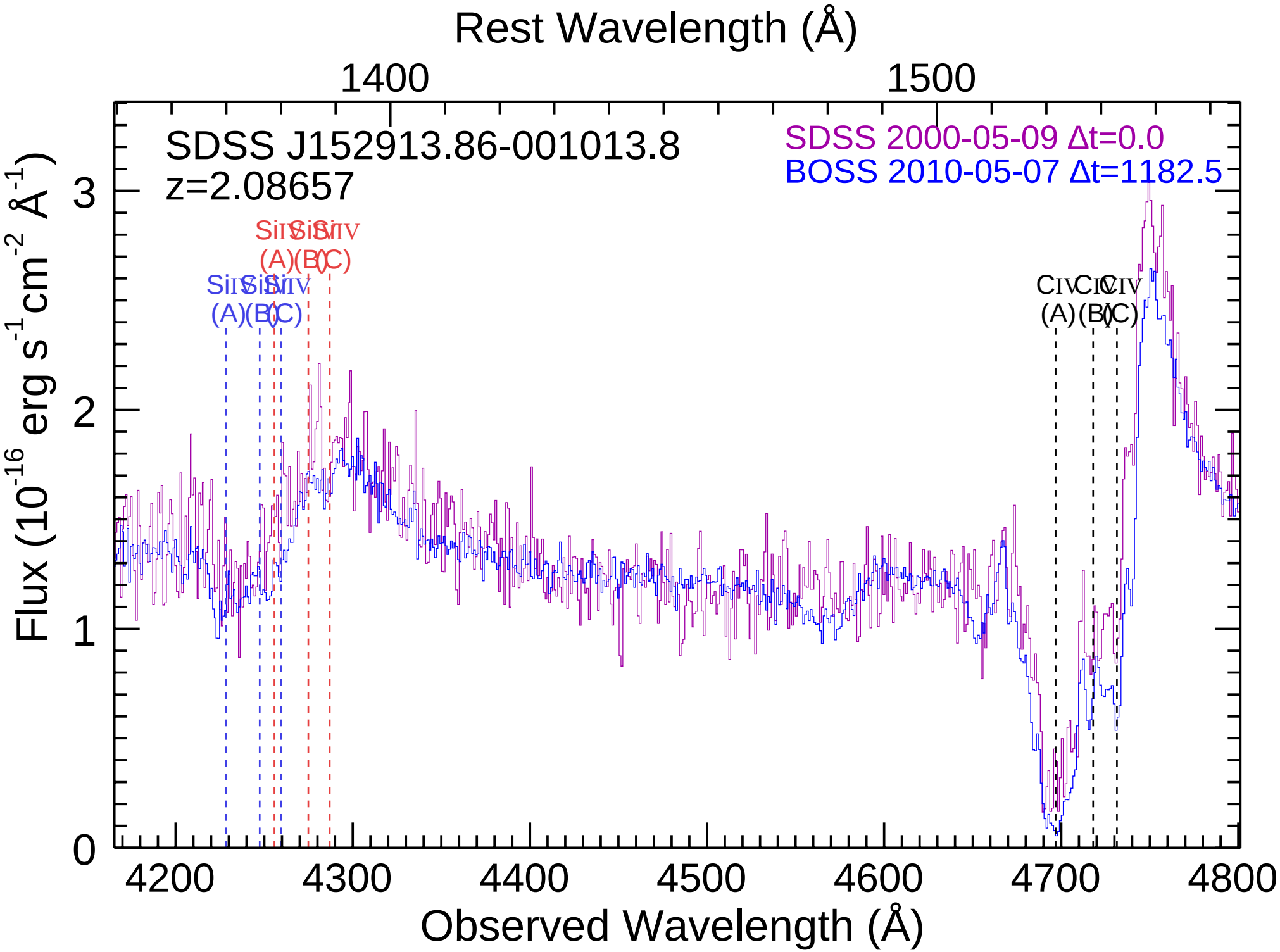
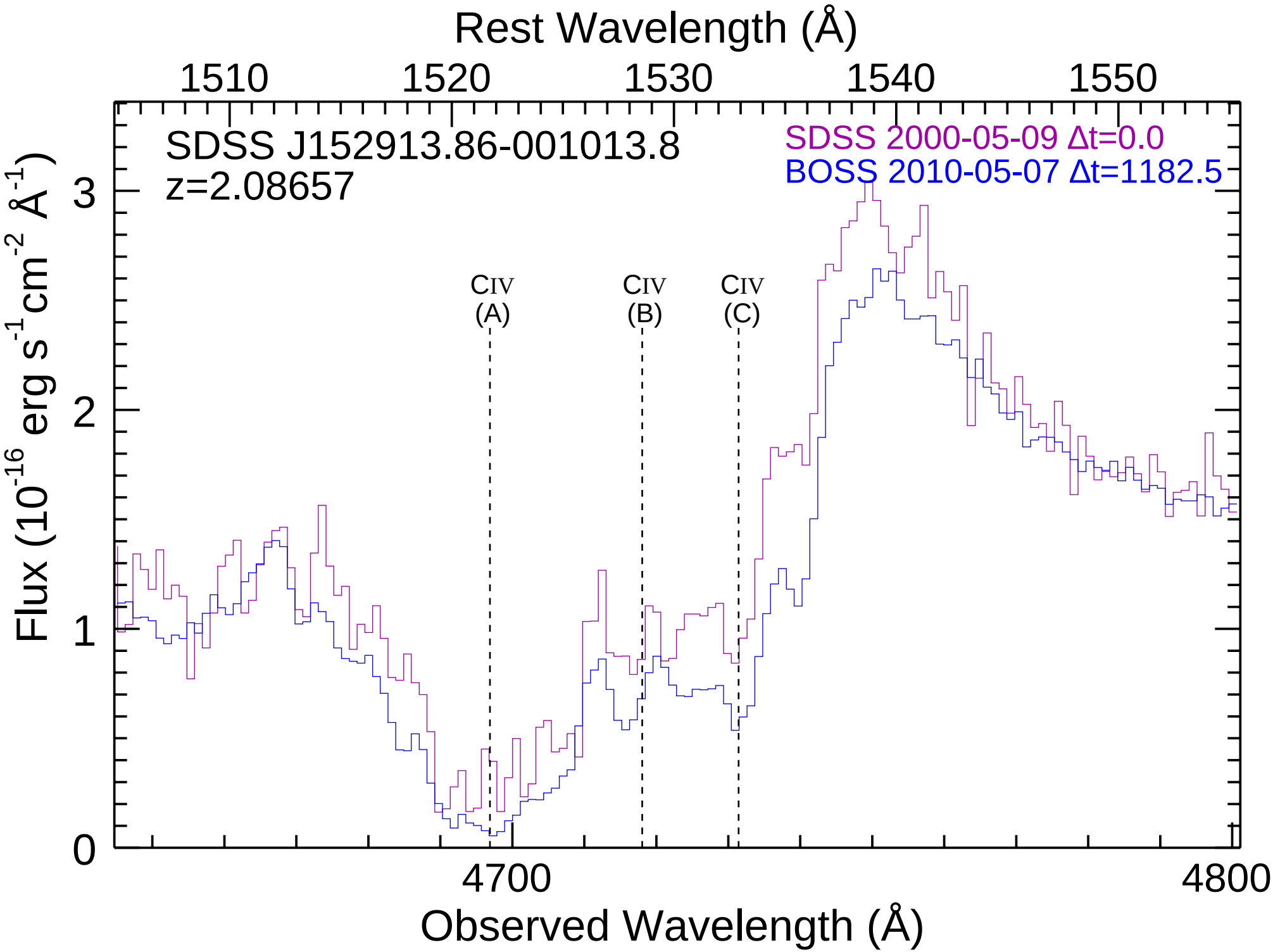
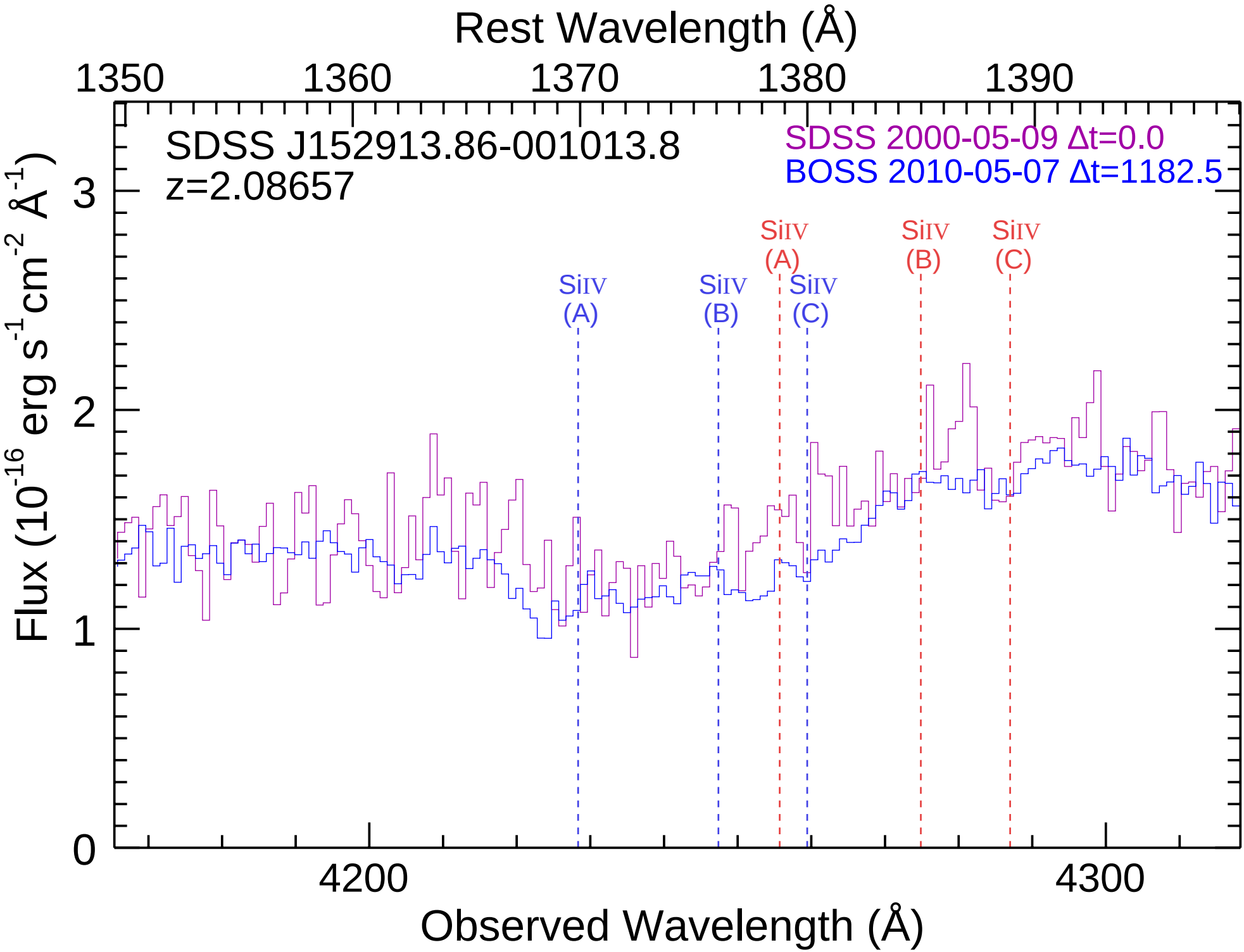

Rest Wavelength (Å)
2000
3000
SDSS J152913.86-001013.8
z=2.08657
SDSS 2000-05-09 Δt=0.0
BOSS 2010-05-07 Δt=1182.5
-CIV variability
-All troughs change in the same direction
-3 AF
-C
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
4000
5000
6000
7000
8000
9000
10000
Observed Wavelength (Å)


Rest Wavelength (Å)
1160
1170
1180
1190
1200
1210
SDSS J152913.86-001013.8
z=2.08657
SDSS 2000-05-09 Δt=0.0
BOSS 2010-05-07 Δt=1182.5
Flux (10^-16 erg s^-1 cm^-2 Å^-1)
0
1
2
3
4
5
6
3600
3700
Observed Wavelength (Å)


Rest Wavelength (Å)
1400
1500
SDSS J152913.86-001013.8
z=2.08657
SDSS 2000-05-09 Δt=0.0
BOSS 2010-05-07 Δt=1182.5
SiII (A)
SiII (B)
SiII (C)
SiIV (A)
SiIV (B)
SiIV (C)
CIV (A)
CIV (B)
CIV (C)
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4200
4300
4400
4500
4600
4700
4800
Observed Wavelength (Å)


Rest Wavelength (Å)
1510
1520
1530
1540
1550
SDSS J152913.86-001013.8
z=2.08657
SDSS 2000-05-09 Δt=0.0
BOSS 2010-05-07 Δt=1182.5
CIV (A)
CIV (B)
CIV (C)
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4700
4800
Observed Wavelength (Å)


Rest Wavelength (Å)
1350
1360
1370
1380
1390
SDSS J152913.86-001013.8
z=2.08657
SDSS 2000-05-09 Δt=0.0
BOSS 2010-05-07 Δt=1182.5
SiIV (A)
SiIV (B)
SiIV (C)
SiIV (A)
SiIV (B)
SiIV (C)
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4200
4300
Observed Wavelength (Å)