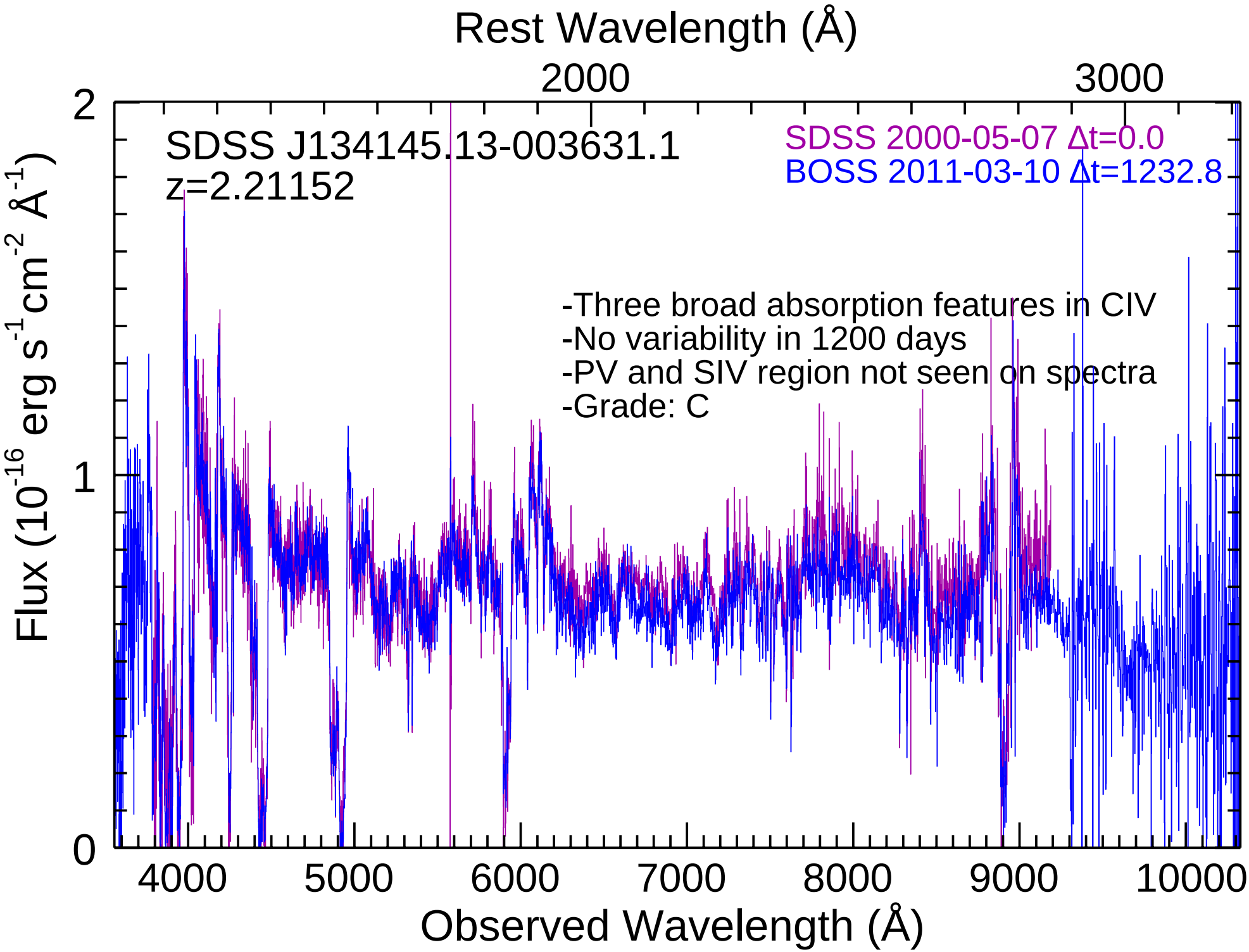
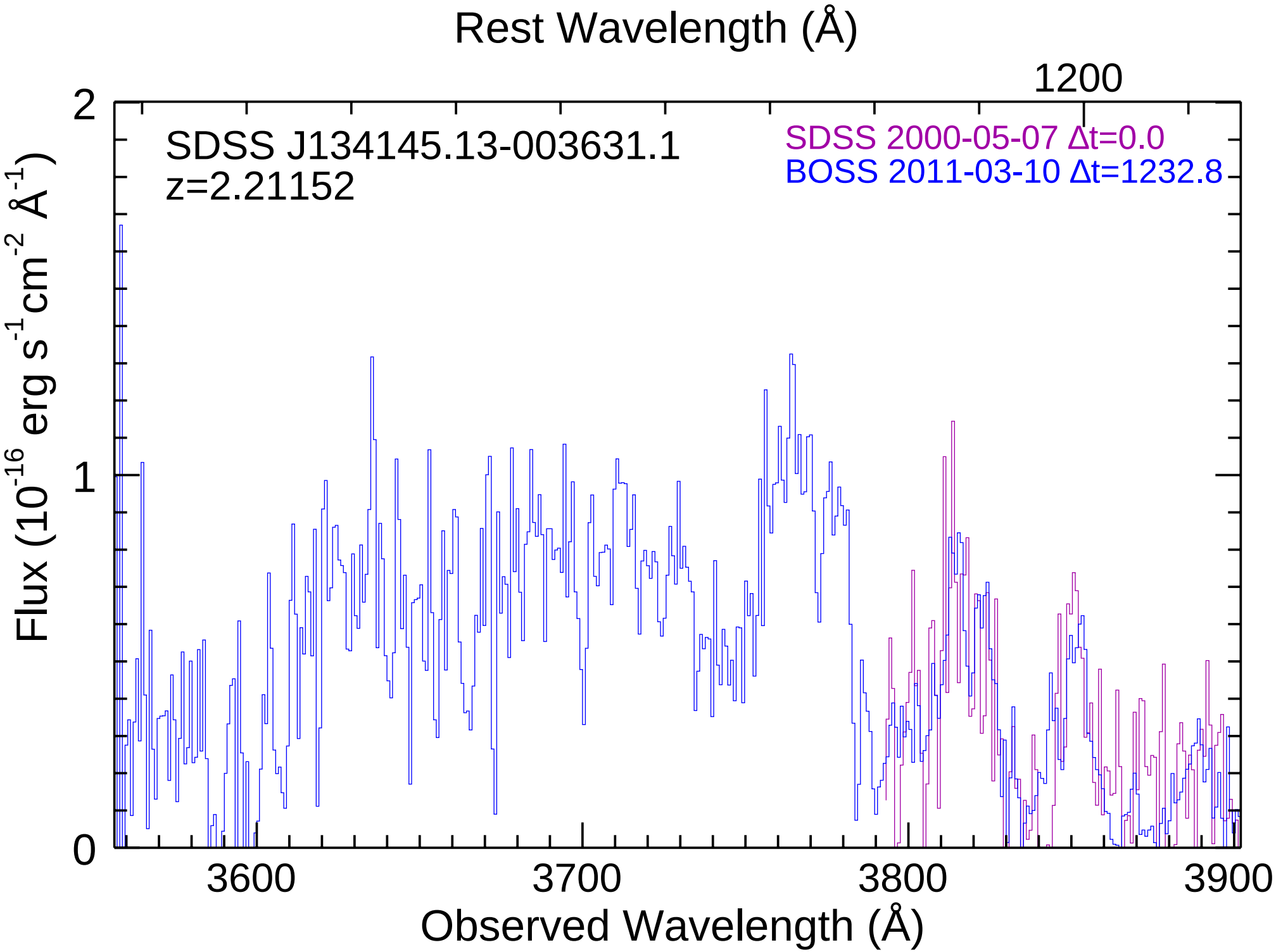
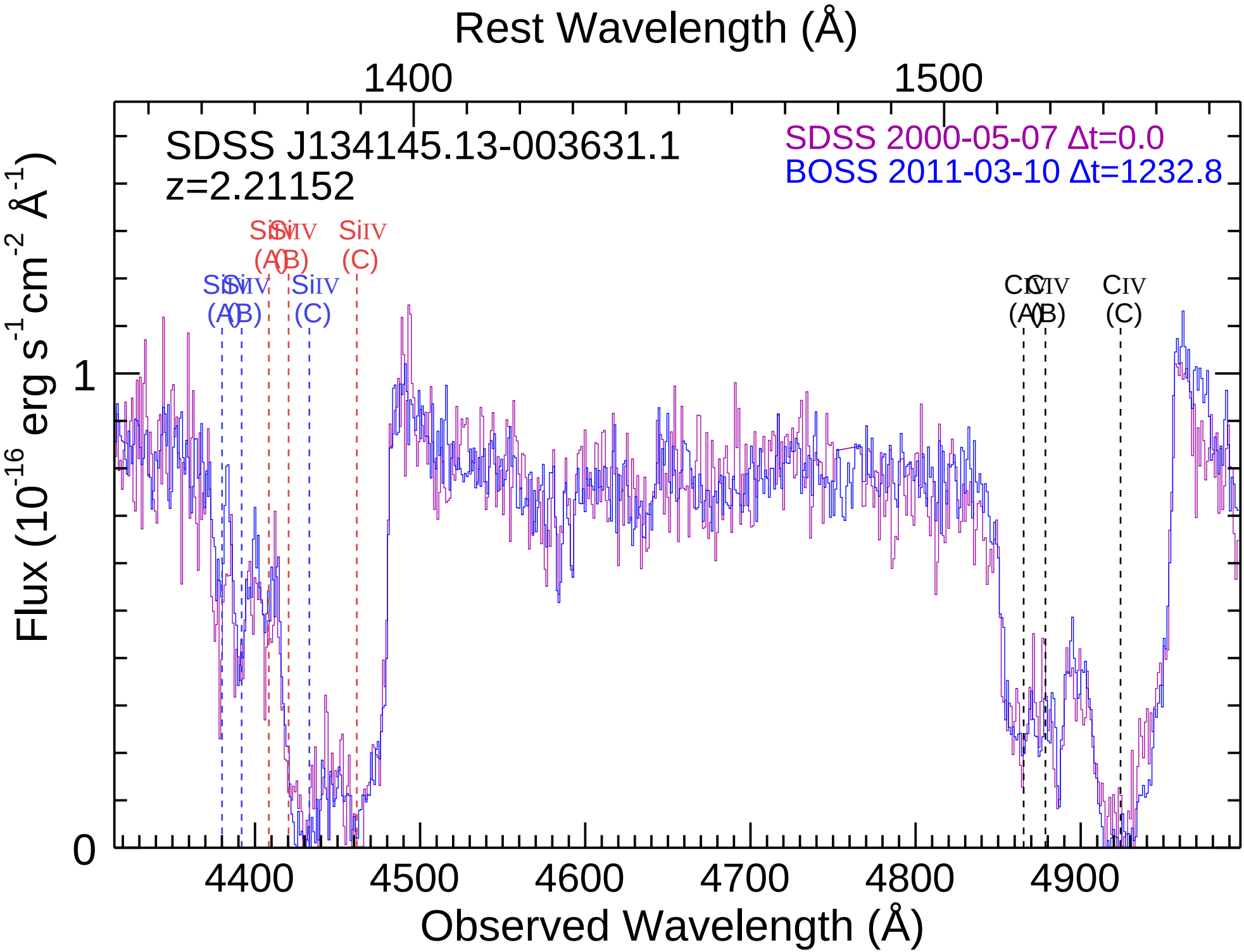
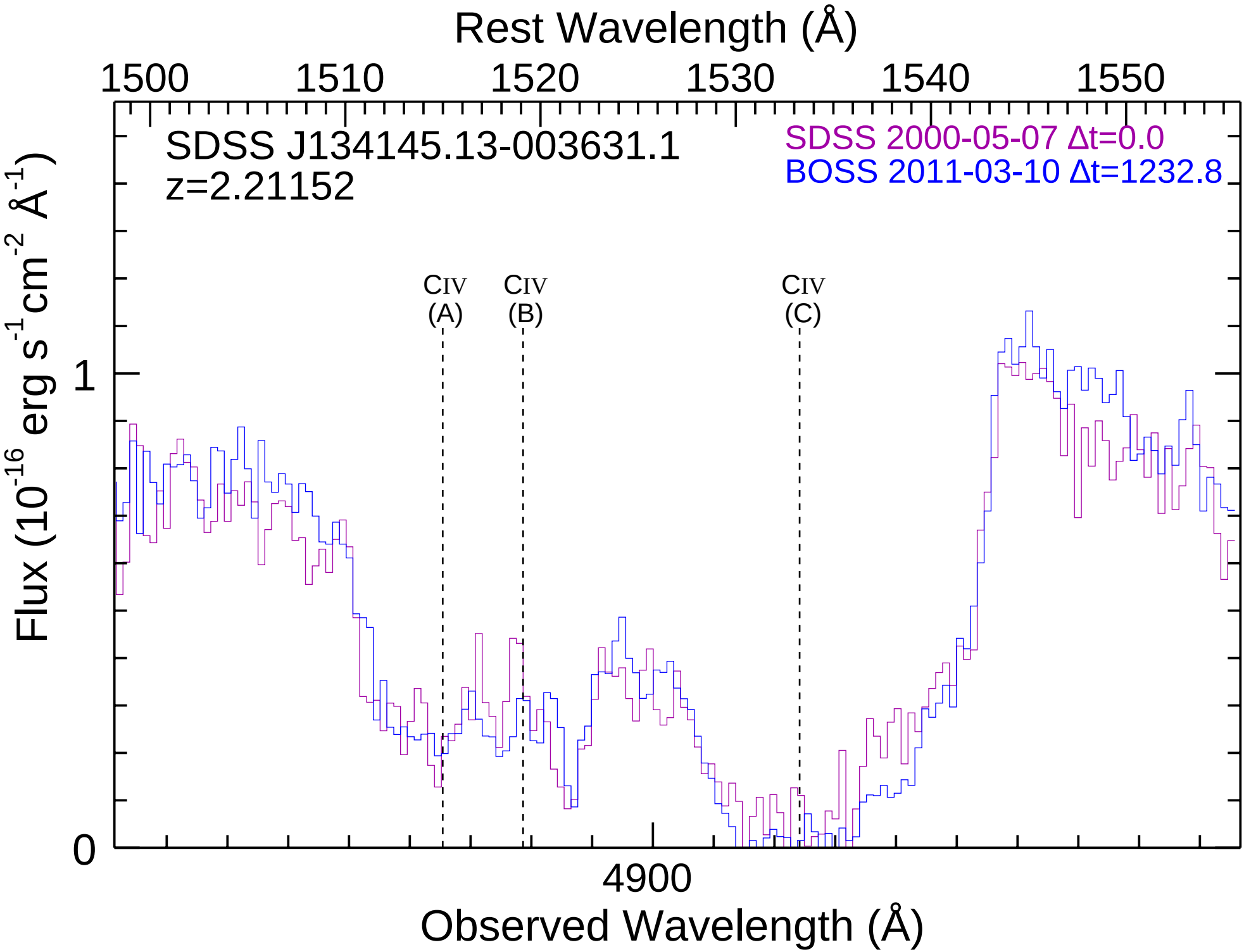
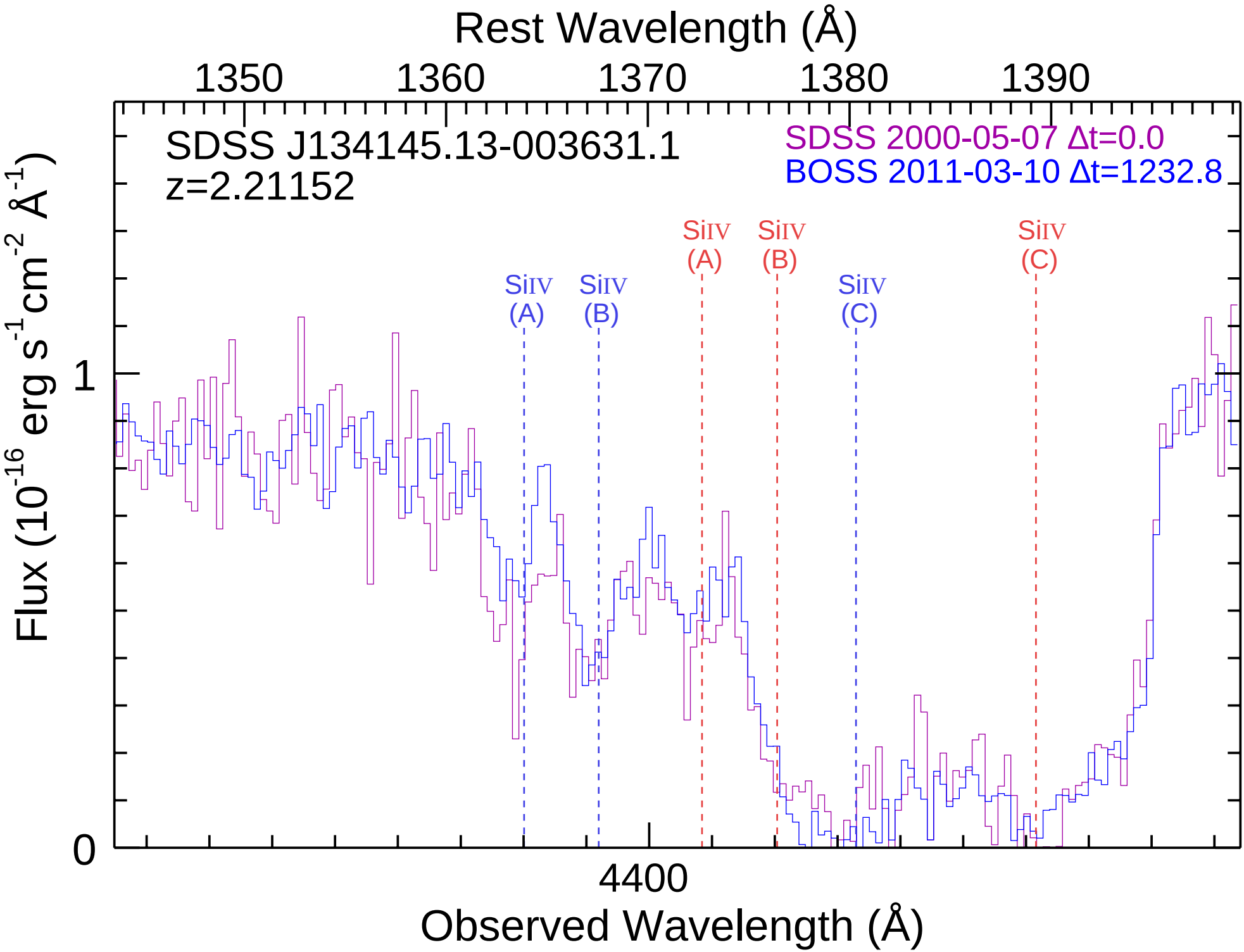
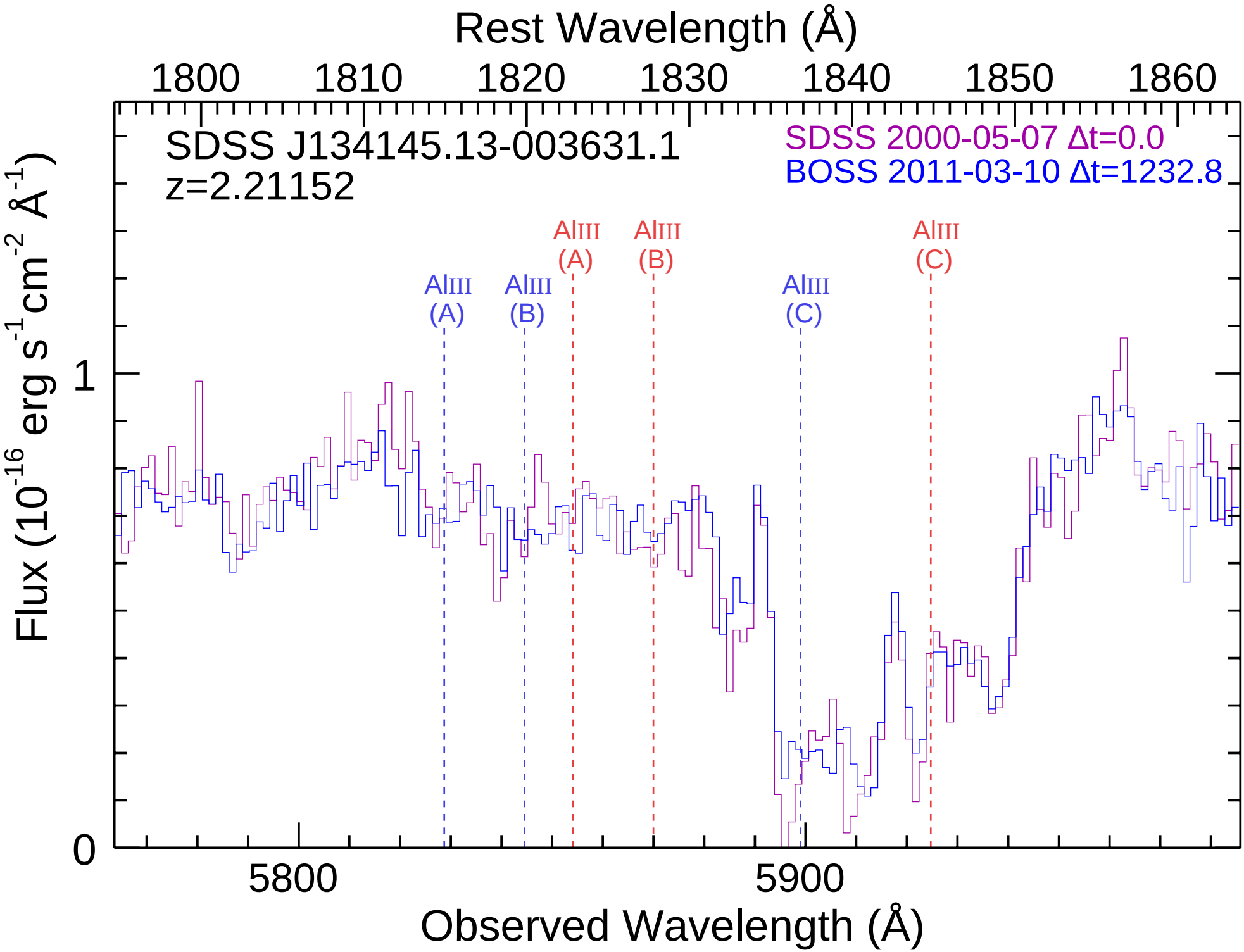

Rest Wavelength (Å)
2000
3000
SDSS J134145.13-003631.1
z=2.21152
SDSS 2000-05-07 Δt=0.0
BOSS 2011-03-10 Δt=1232.8
-Three broad absorption features in CIV
-No variability in 1200 days
-PV and SIV region not seen on spectra
-Grade: C
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
4000
5000
6000
7000
8000
9000
10000
Observed Wavelength (Å)


Rest Wavelength (Å)
1200
SDSS J134145.13-003631.1
z=2.21152
SDSS 2000-05-07 Δt=0.0
BOSS 2011-03-10 Δt=1232.8
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
2
1
0
3600
3700
3800
3900
Observed Wavelength (Å)


Rest Wavelength (Å)
1400
1500
SDSS J134145.13-003631.1
z=2.21152
SDSS 2000-05-07 Δt=0.0
BOSS 2011-03-10 Δt=1232.8
SiIV (A)
SiIV (B)
SiIV (C)
CIV (A)
CIV (B)
CIV (C)
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
1
0
4400
4500
4600
4700
4800
4900
Observed Wavelength (Å)


Rest Wavelength (Å)
1500
1510
1520
1530
1540
1550
SDSS J134145.13-003631.1
z=2.21152
SDSS 2000-05-07 Δt=0.0
BOSS 2011-03-10 Δt=1232.8
CIV (A)
CIV (B)
CIV (C)
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
1
0
4900
Observed Wavelength (Å)


Rest Wavelength (Å)
1350
1360
1370
1380
1390
SDSS J134145.13-003631.1
z=2.21152
SDSS 2000-05-07 Δt=0.0
BOSS 2011-03-10 Δt=1232.8
SiIV (A)
SiIV (B)
SiIV (A)
SiIV (B)
SiIV (C)
SiIV (C)
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
1
0
4400
Observed Wavelength (Å)


Rest Wavelength (Å)
1800
1810
1820
1830
1840
1850
1860
SDSS J134145.13-003631.1
z=2.21152
SDSS 2000-05-07 Δt=0.0
BOSS 2011-03-10 Δt=1232.8
AlIII (A)
AlIII (B)
AlIII (A)
AlIII (B)
AlIII (C)
AlIII (C)
Flux (10^-16 erg s^-1 cm^-2 Å^-1)
1
0
5800
5900
Observed Wavelength (Å)