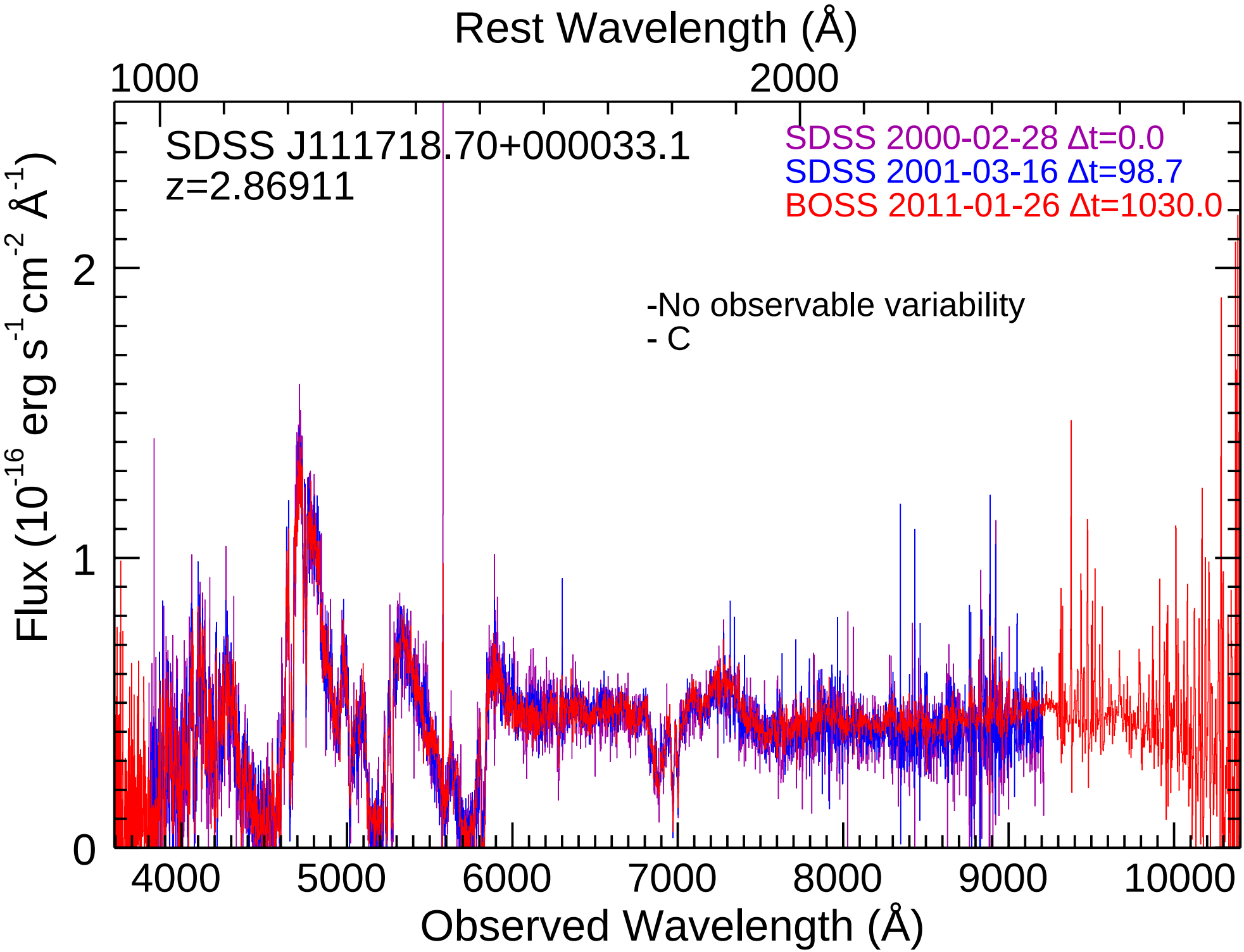
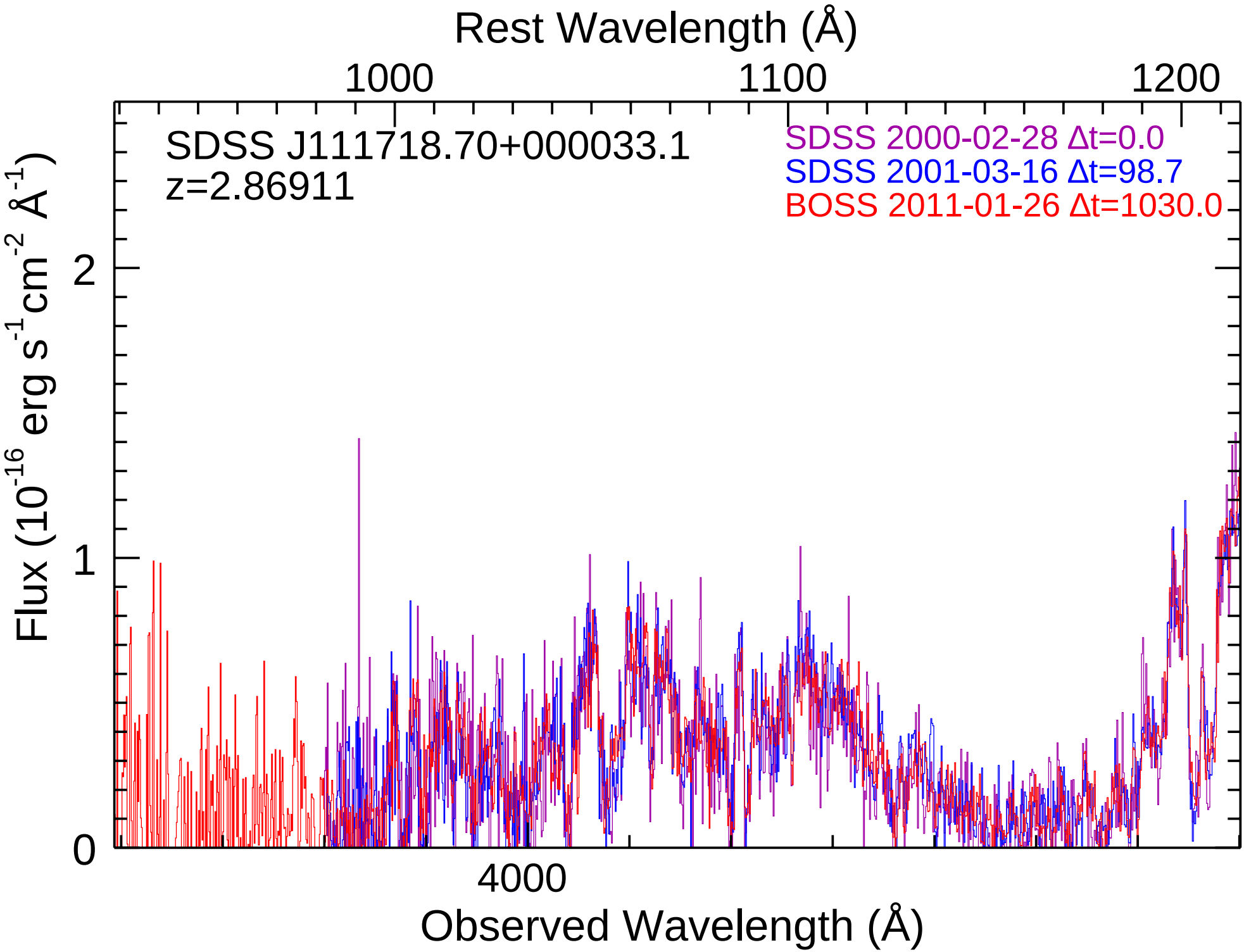
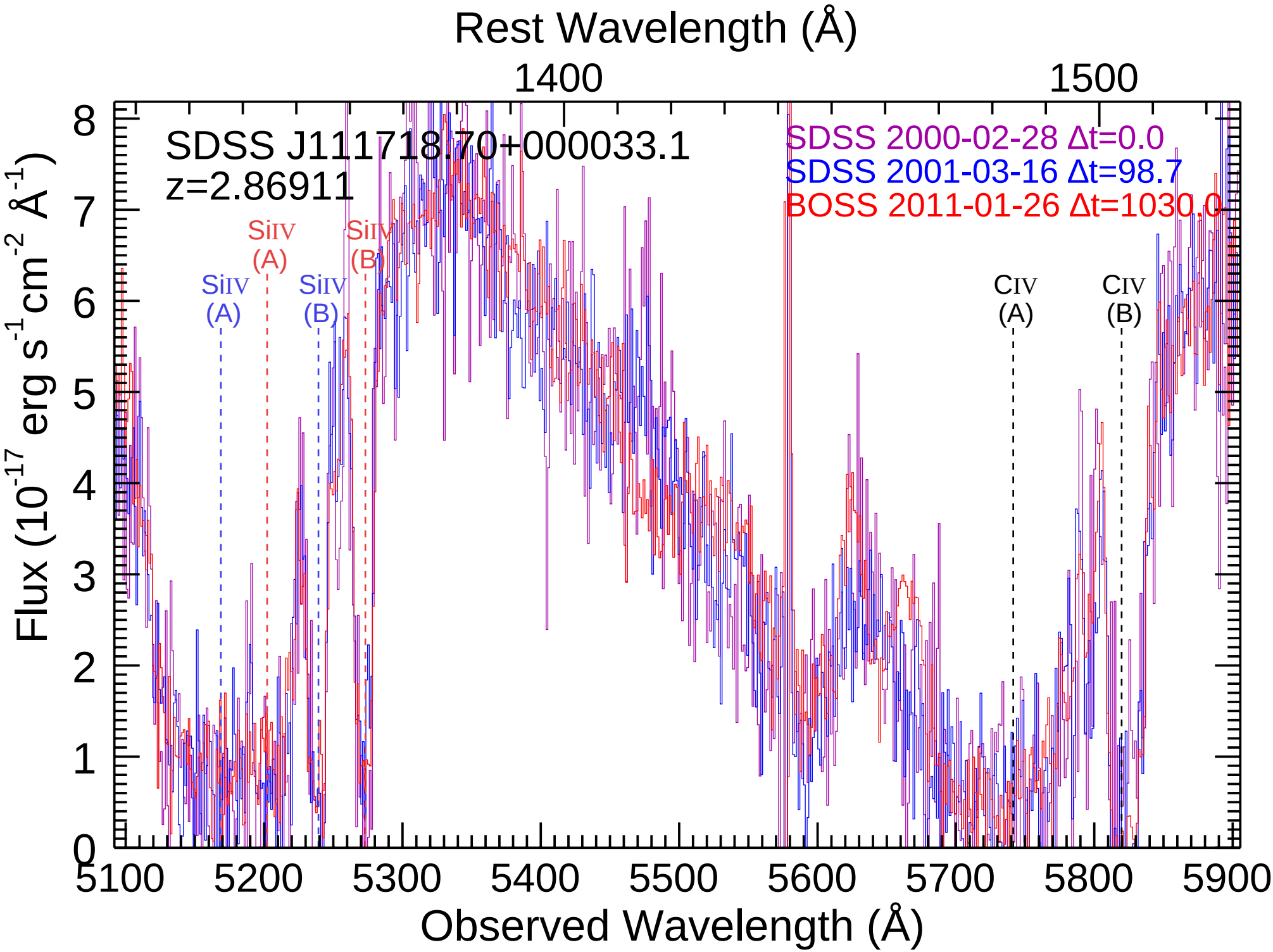
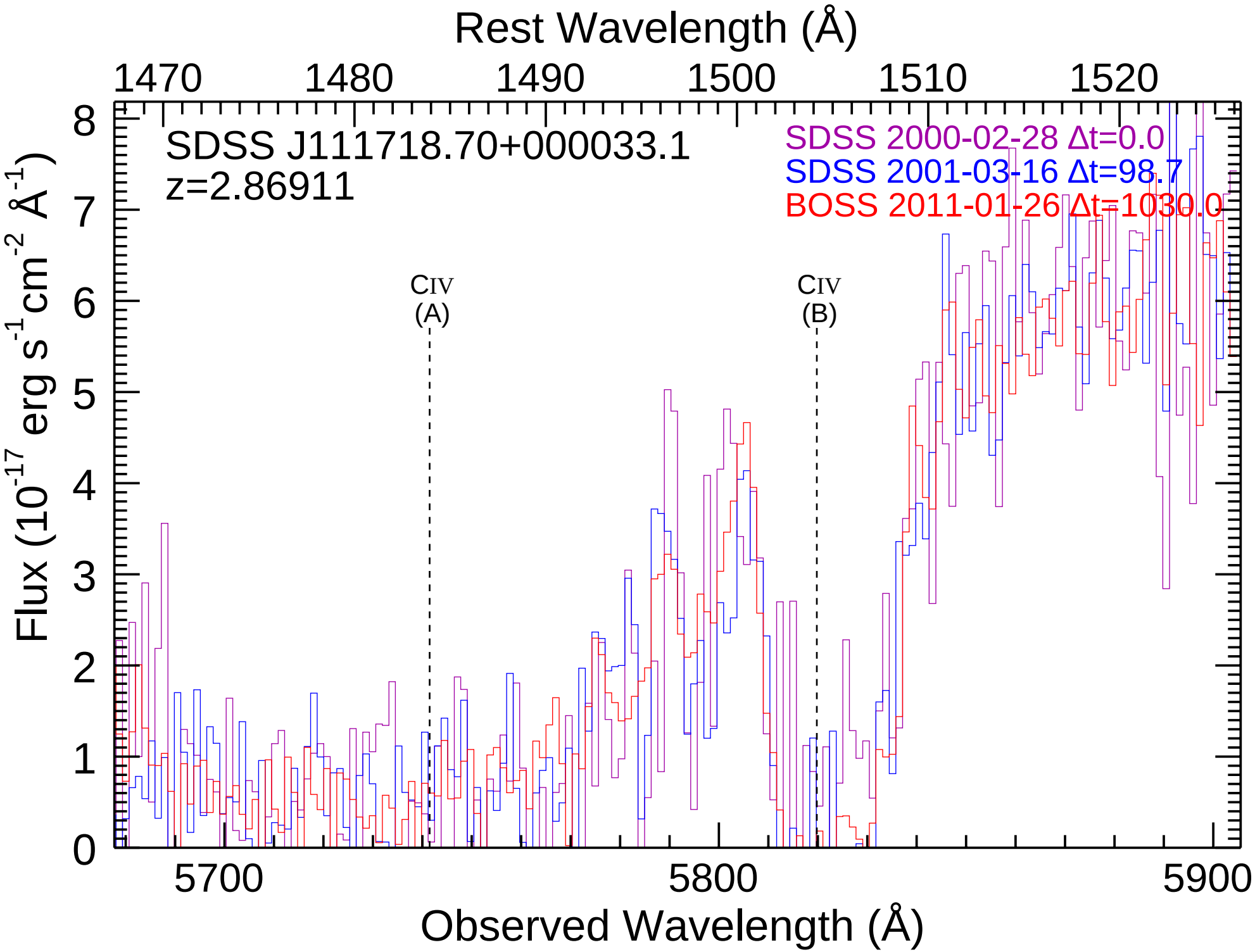
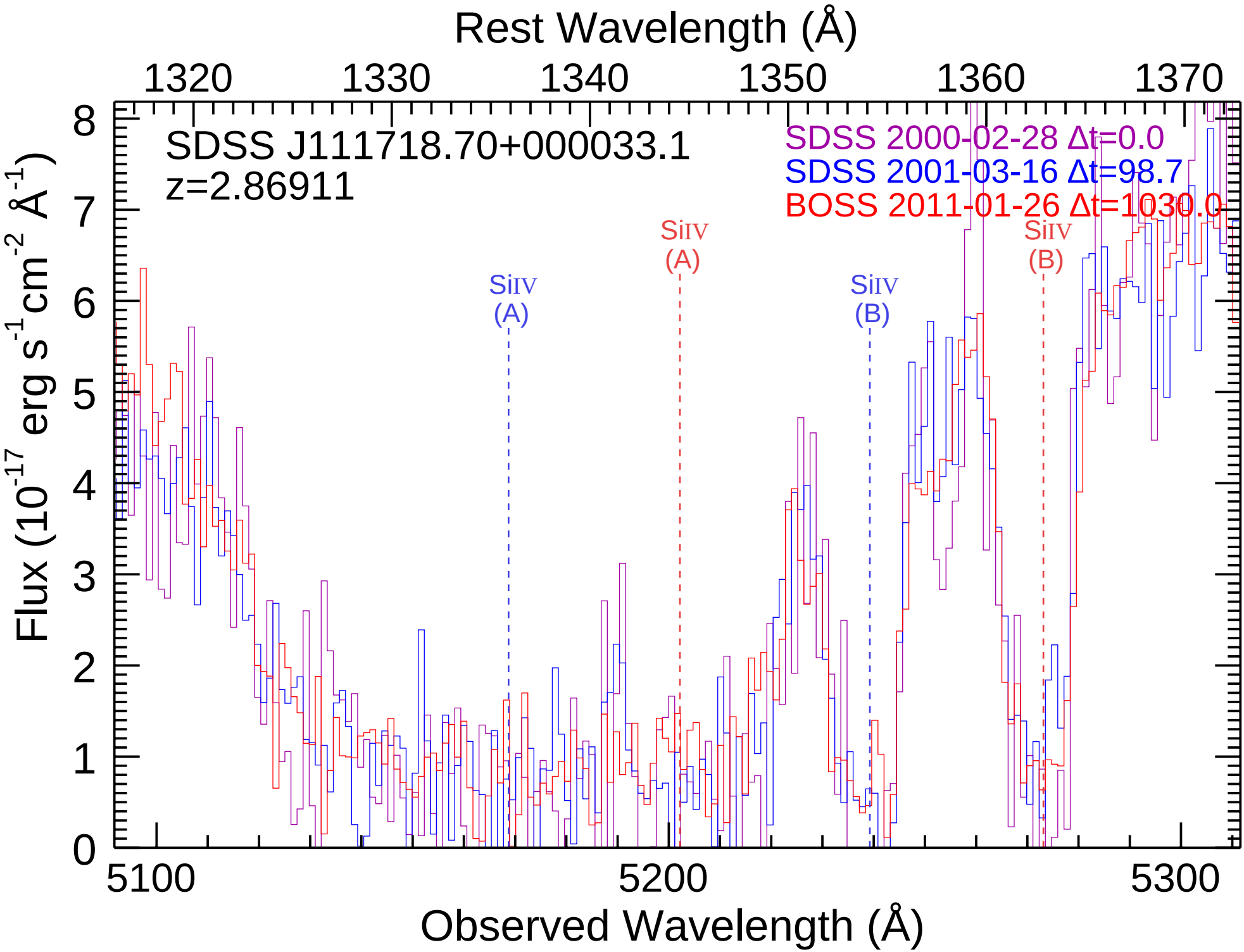
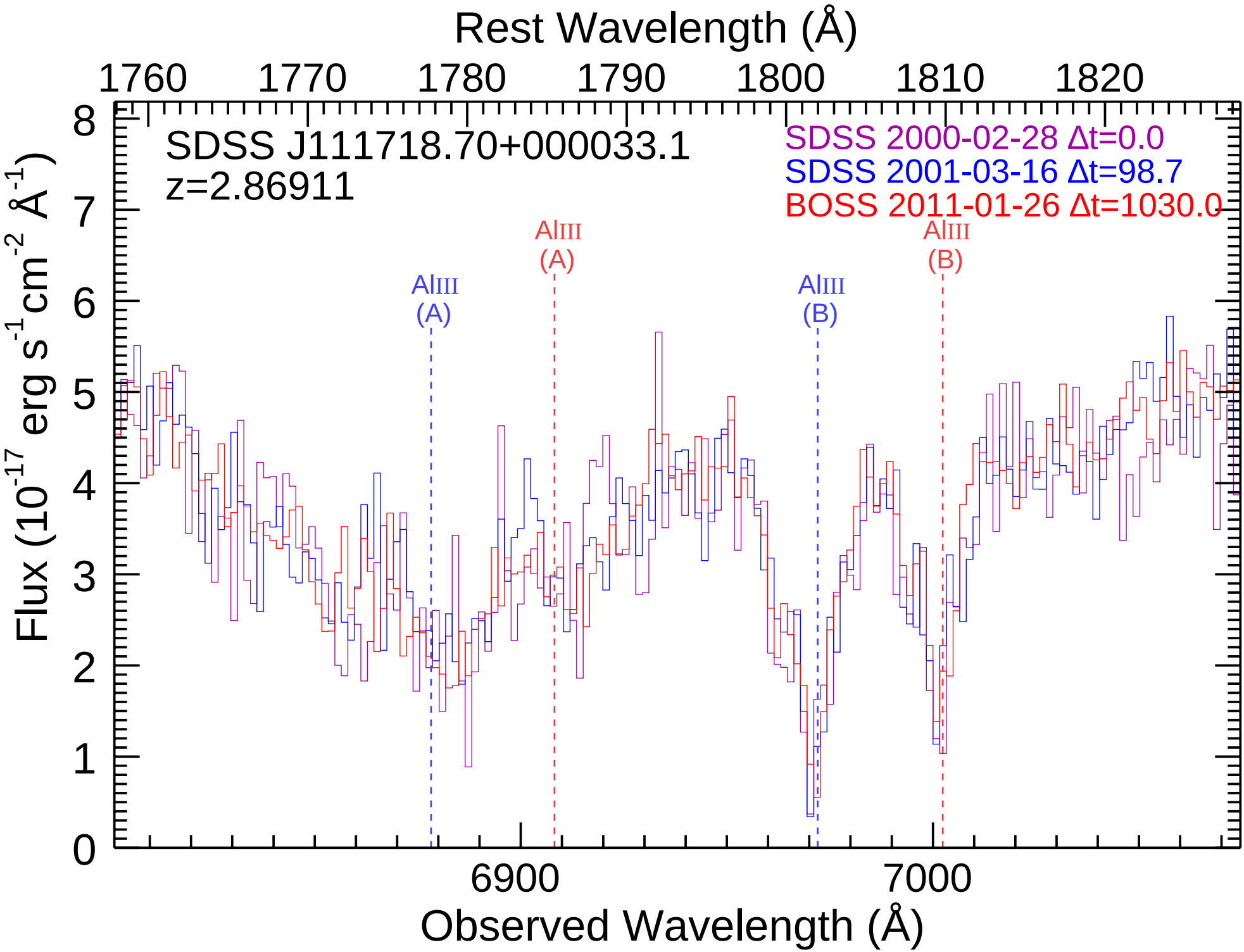

Rest Wavelength (Å)
1000
2000
SDSS J111718.70+000033.1
z=2.86911
SDSS 2000-02-28 Δt=0.0
SDSS 2001-03-16 Δt=98.7
BOSS 2011-01-26 Δt=1030.0
-No observable variability
- C
Flux (10^-16 erg s^-1 cm^-2 Å^-1)
0
1
2
4000
5000
6000
7000
8000
9000
10000
Observed Wavelength (Å)

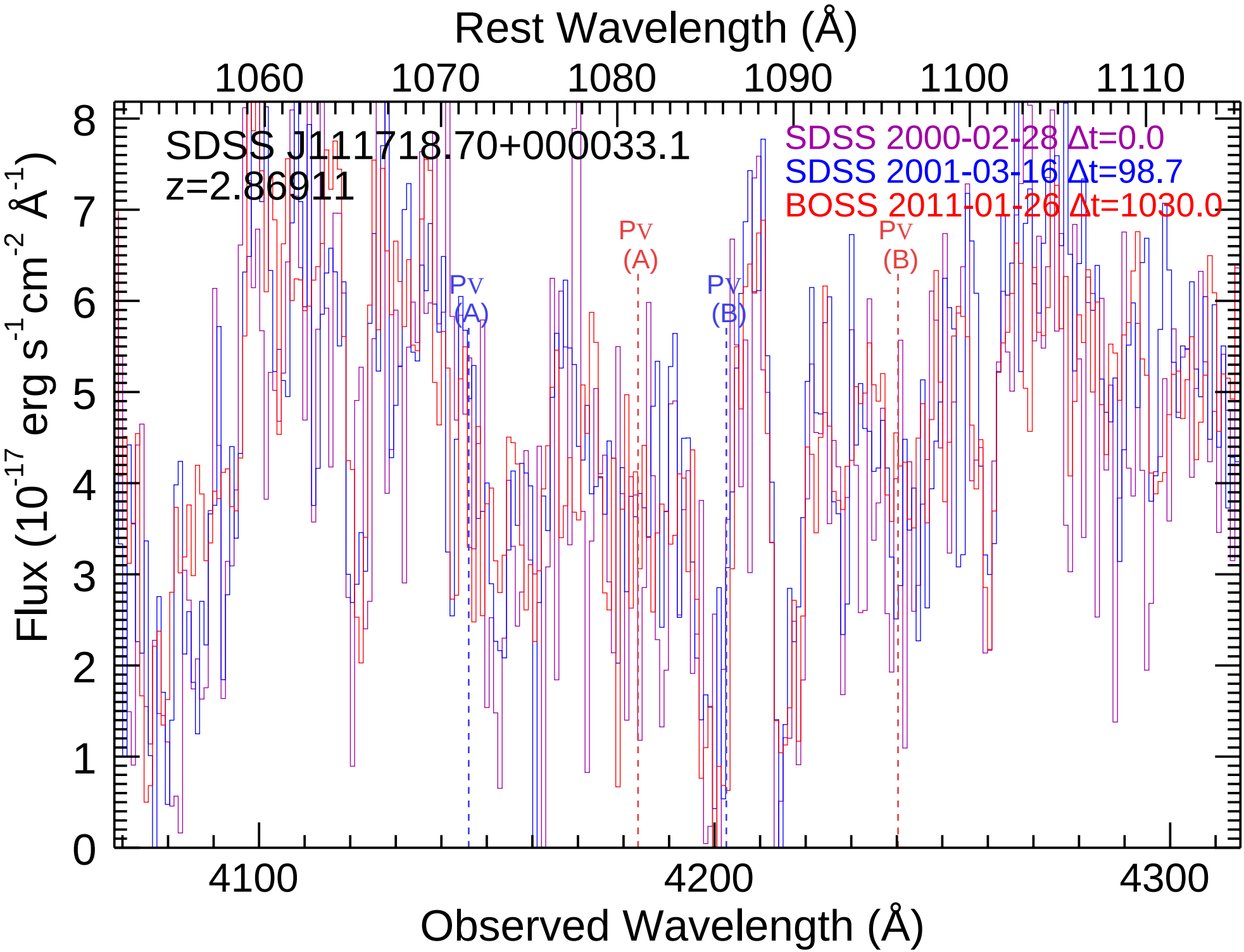

Rest Wavelength (Å)
1000
1100
1200
SDSS J111718.70+000033.1
z=2.86911
SDSS 2000-02-28 Δt=0.0
SDSS 2001-03-16 Δt=98.7
BOSS 2011-01-26 Δt=1030.0
Flux (10^-16 erg s^-1 cm^-2 Å^-1)
2
1
0
4000
Observed Wavelength (Å)

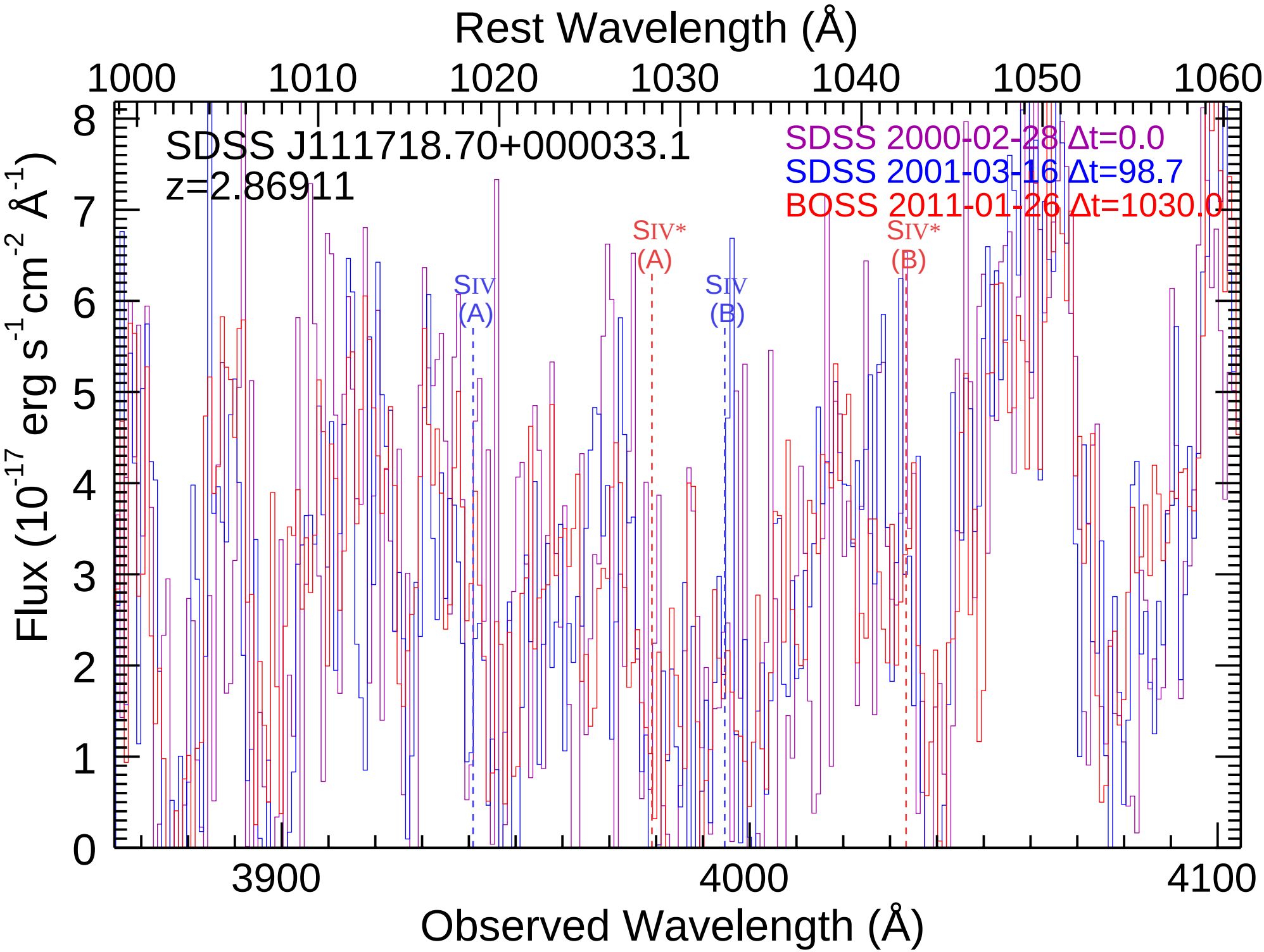

Rest Wavelength (Å)
1400
1500
SDSS J111718.70+000033.1
z=2.86911
SDSS 2000-02-28 Δt=0.0
SDSS 2001-03-16 Δt=98.7
BOSS 2011-01-26 Δt=1030.0
SiIV (A)
SiIV (A)
SiIV (B)
SiIV (B)
CIV (A)
CIV (B)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
5100
5200
5300
5400
5500
5600
5700
5800
5900
Observed Wavelength (Å)


Rest Wavelength (Å)
1470
1480
1490
1500
1510
1520
SDSS J111718.70+000033.1
z=2.86911
SDSS 2000-02-28 Δt=0.0
SDSS 2001-03-16 Δt=98.7
BOSS 2011-01-26 Δt=1030.0
CIV (A)
CIV (B)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
5700
5800
5900
Observed Wavelength (Å)


Rest Wavelength (Å)
1320
1330
1340
1350
1360
1370
SDSS J111718.70+000033.1
z=2.86911
SDSS 2000-02-28 Δt=0.0
SDSS 2001-03-16 Δt=98.7
BOSS 2011-01-26 Δt=1030.0
SiIV (A)
SiIV (A)
SiIV (B)
SiIV (B)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
5100
5200
5300
Observed Wavelength (Å)


Rest Wavelength (Å)
1760
1770
1780
1790
1800
1810
1820
SDSS J111718.70+000033.1
z=2.86911
SDSS 2000-02-28 Δt=0.0
SDSS 2001-03-16 Δt=98.7
BOSS 2011-01-26 Δt=1030.0
AlIII (A)
AlIII (A)
AlIII (B)
AlIII (B)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
6900
7000
Observed Wavelength (Å)


Rest Wavelength (Å)
1060
1070
1080
1090
1100
1110
SDSS J111718.70+000033.1
z=2.86911
SDSS 2000-02-28 Δt=0.0
SDSS 2001-03-16 Δt=98.7
BOSS 2011-01-26 Δt=1030.0
PV (A)
PV (B)
PV (A)
PV (B)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
4100
4200
4300
Observed Wavelength (Å)


Rest Wavelength (Å)
1000
1010
1020
1030
1040
1050
1060
SDSS J111718.70+000033.1
z=2.86911
SDSS 2000-02-28 Δt=0.0
SDSS 2001-03-16 Δt=98.7
BOSS 2011-01-26 Δt=1030.0
SIV (A)
SIV* (A)
SIV (B)
SIV* (B)
Flux (10^-17 erg s^-1 cm^-2 Å^-1)
0
1
2
3
4
5
6
7
8
3900
4000
4100
Observed Wavelength (Å)