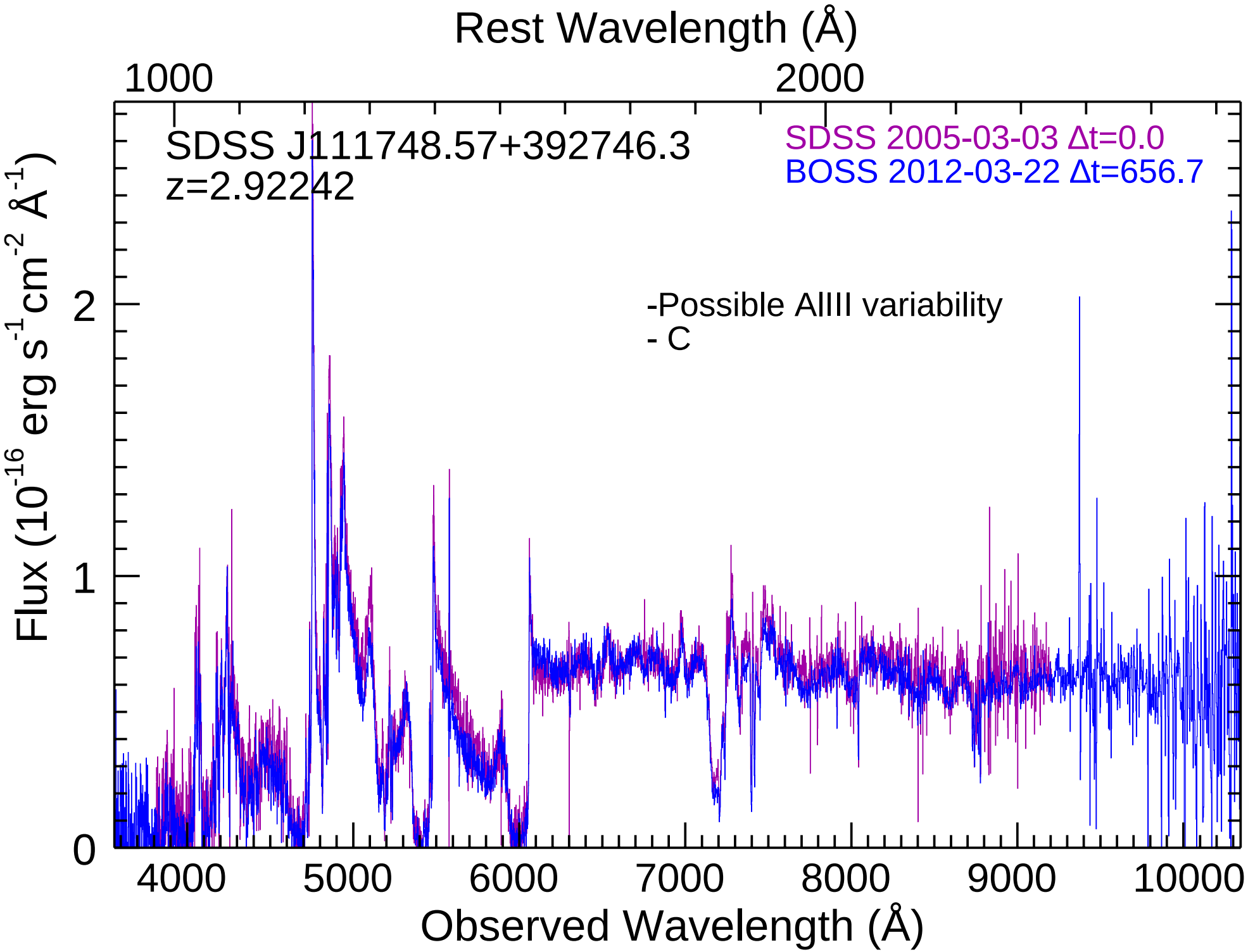
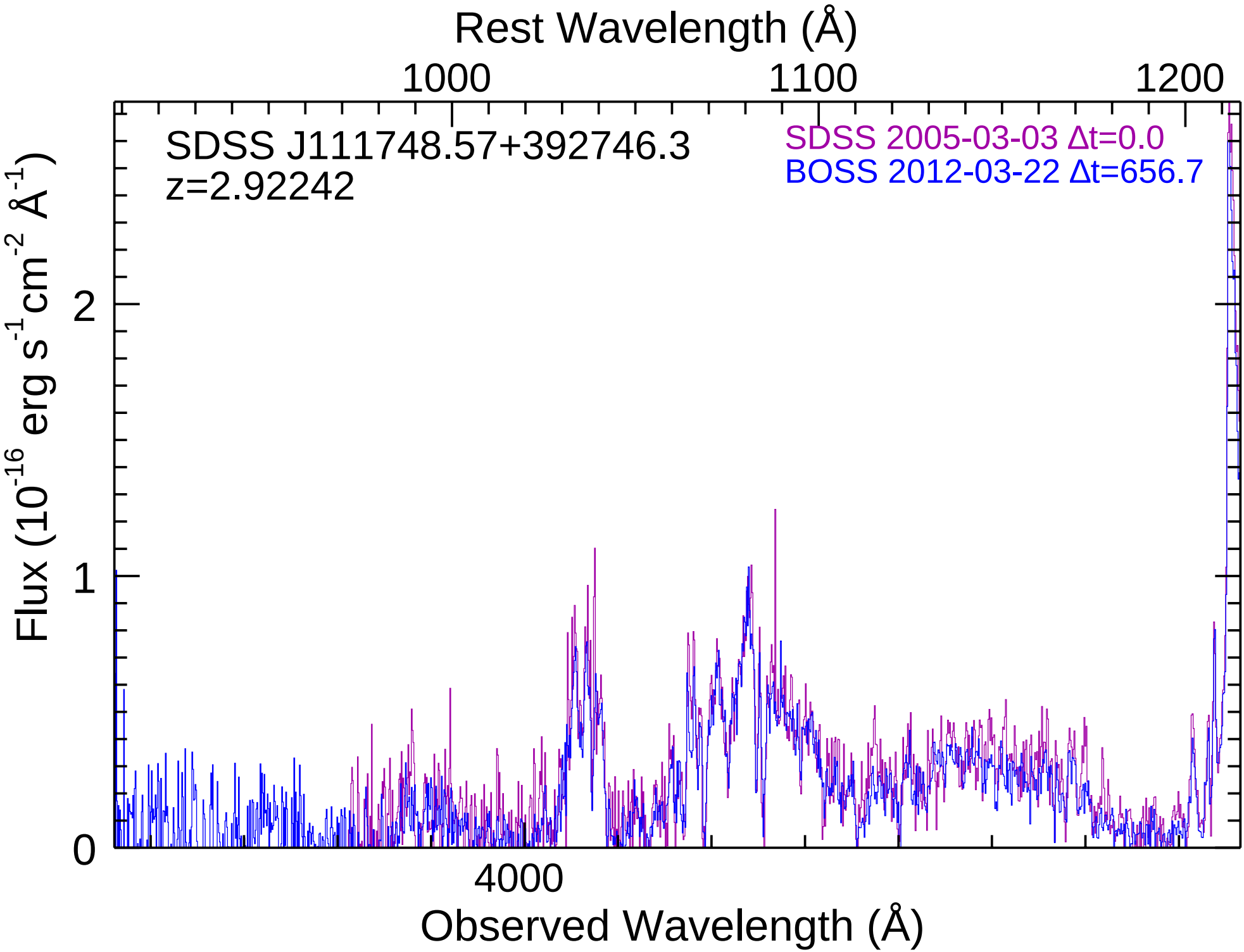
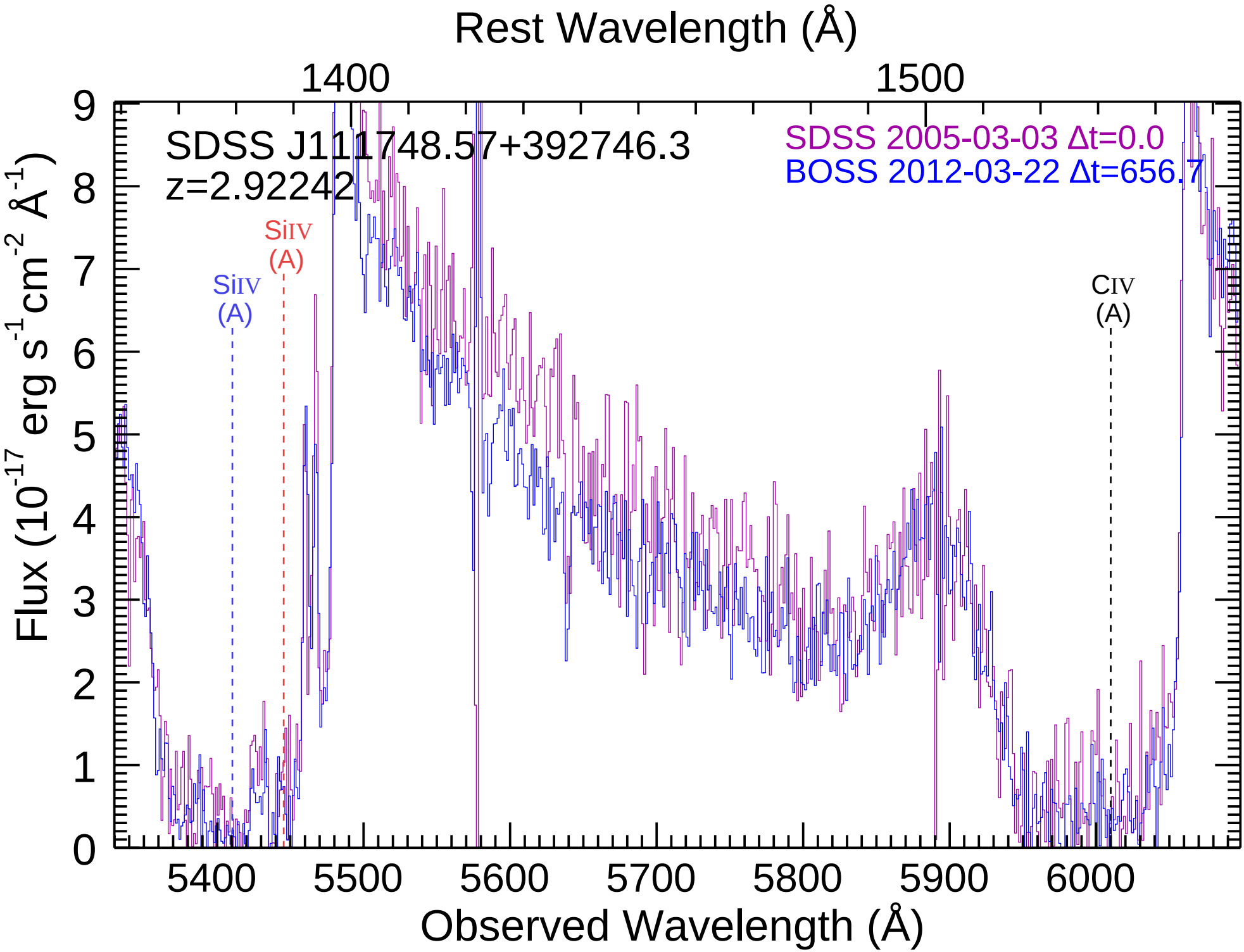
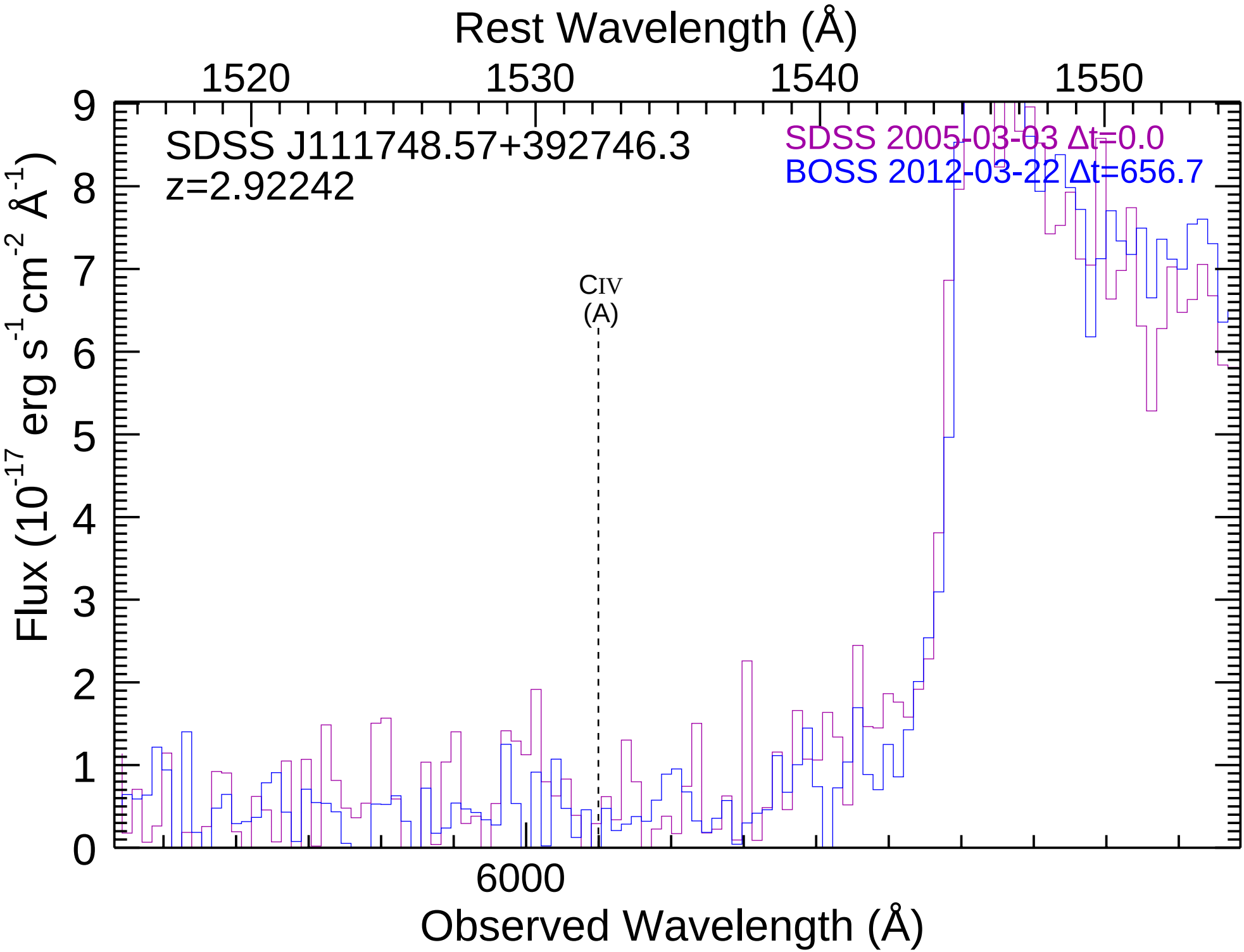
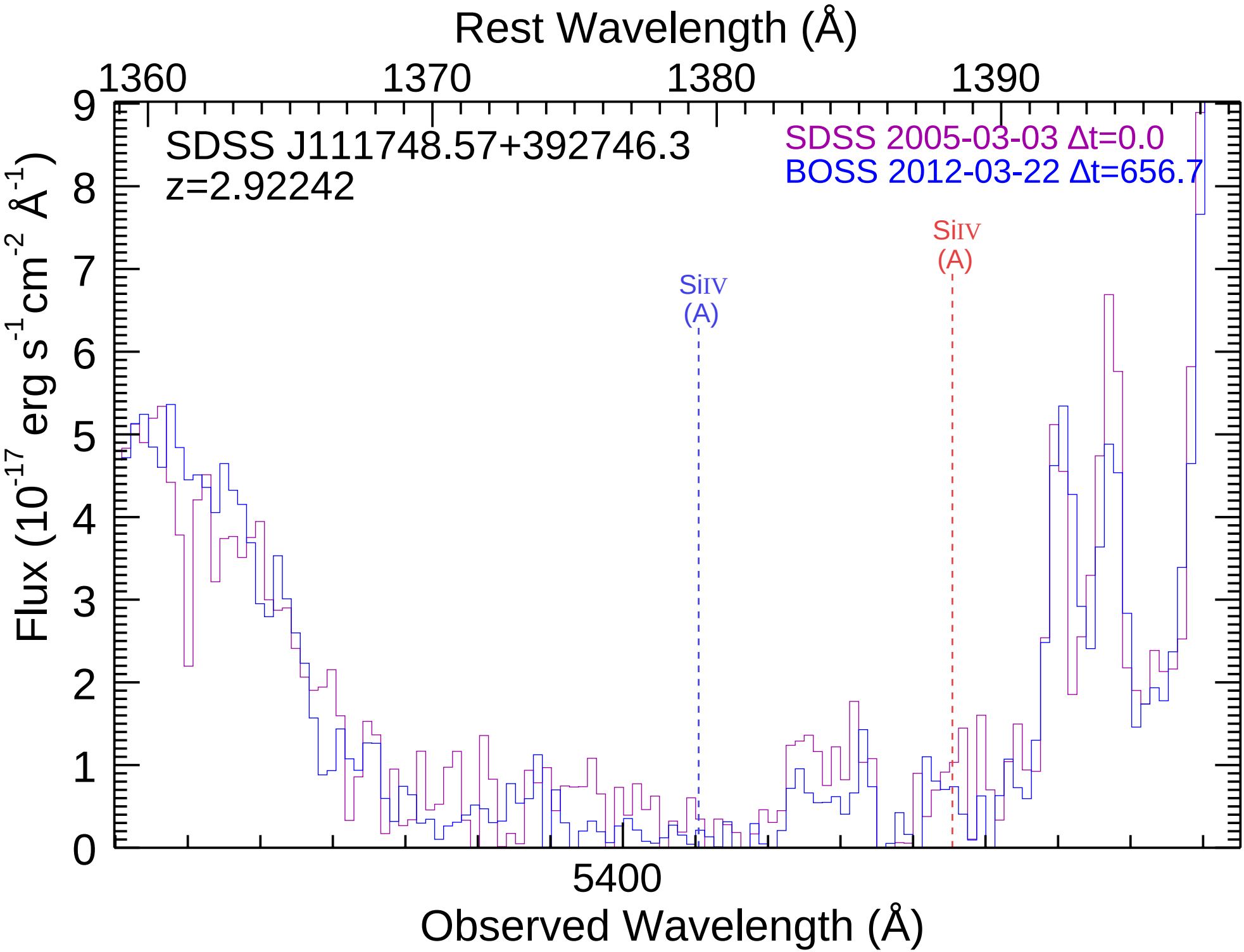
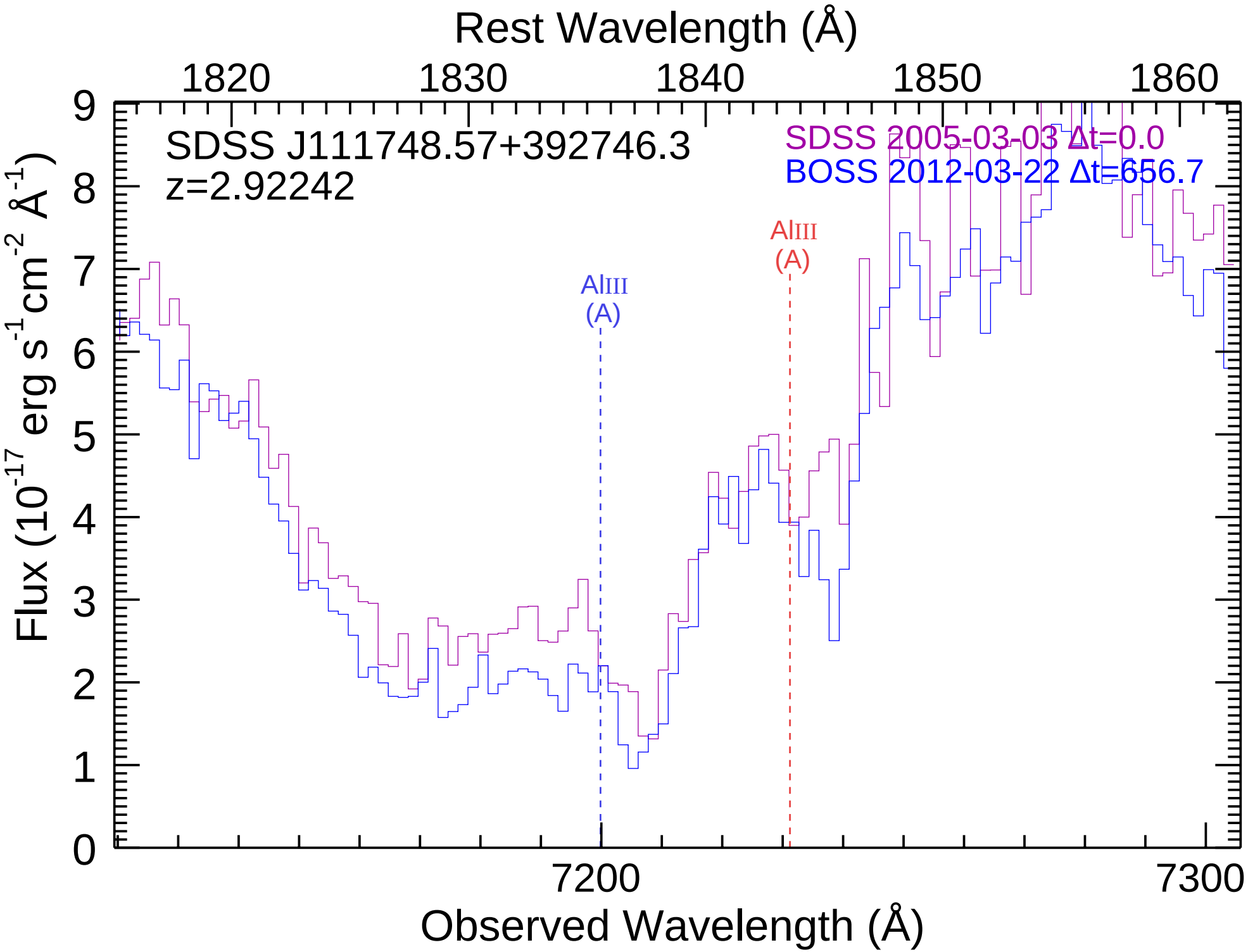

Rest Wavelength (Å)
1000
2000
SDSS J111748.57+392746.3
z=2.92242
SDSS 2005-03-03 Δt=0.0
BOSS 2012-03-22 Δt=656.7
-Possible AlIII variability
- C
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
4000
5000
6000
7000
8000
9000
10000
Observed Wavelength (Å)

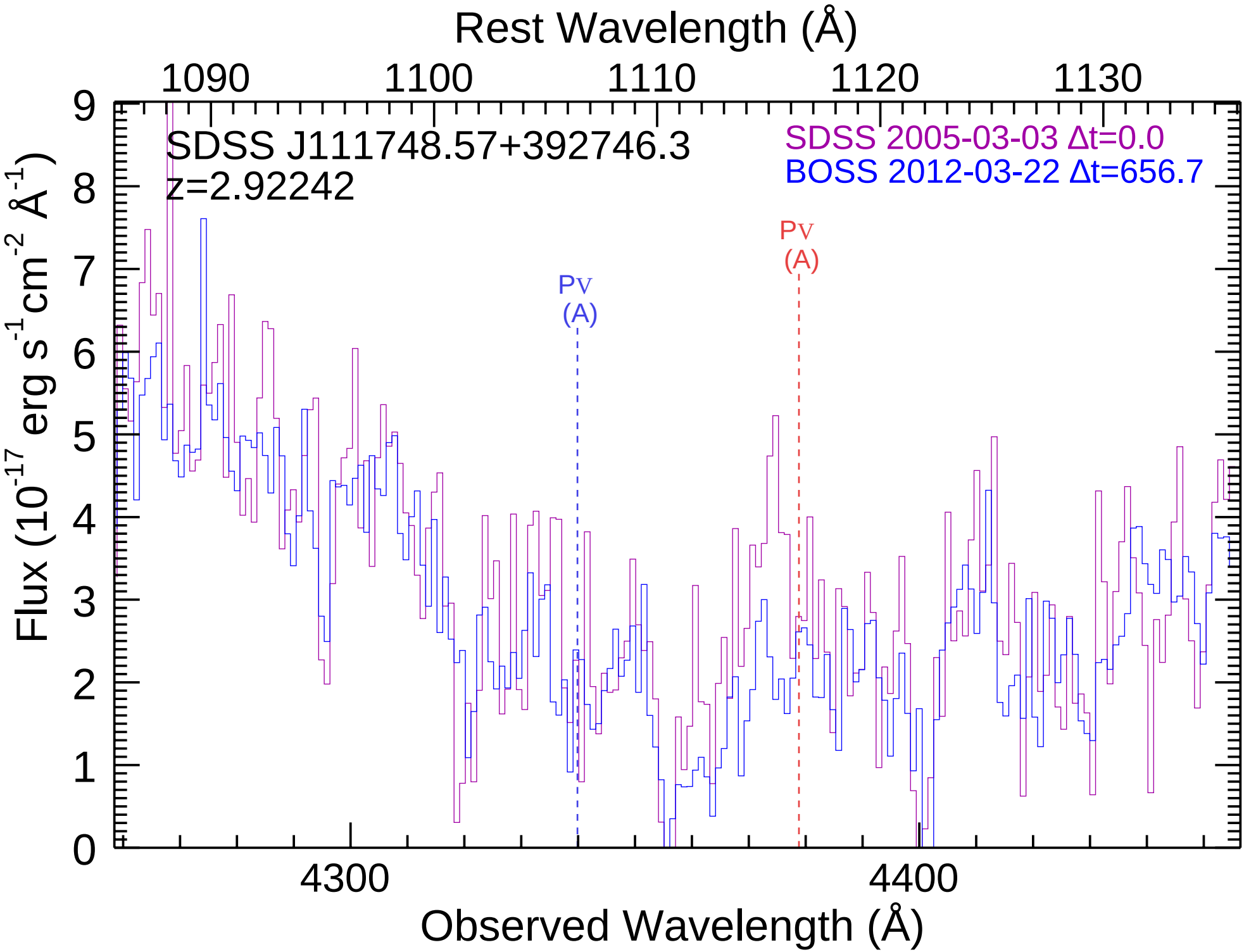

Rest Wavelength (Å)
1000
1100
1200
SDSS J111748.57+392746.3
z=2.92242
SDSS 2005-03-03 Δt=0.0
BOSS 2012-03-22 Δt=656.7
Flux (10^{-16} erg s^{-1}cm^{-2} Å^{-1})
2
1
0
4000
Observed Wavelength (Å)

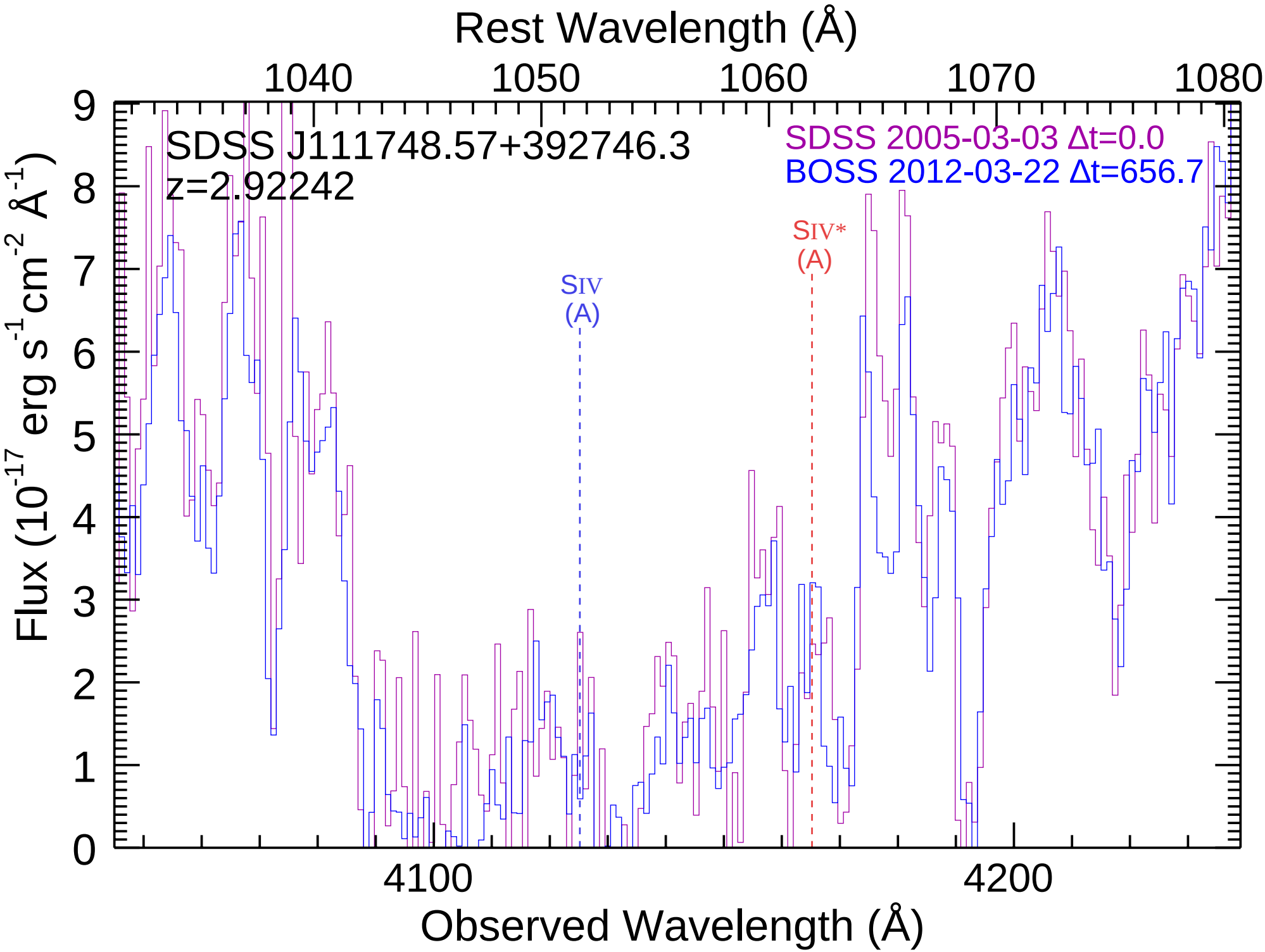

Rest Wavelength (Å)
1400
1500
SDSS J111748.57+392746.3
z=2.92242
SDSS 2005-03-03 Δt=0.0
BOSS 2012-03-22 Δt=656.7
SiIV
(A)
SiIV
(A)
CIV
(A)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
9
5400
5500
5600
5700
5800
5900
6000
Observed Wavelength (Å)


Rest Wavelength (Å)
1520
1530
1540
1550
SDSS J111748.57+392746.3
z=2.92242
SDSS 2005-03-03 Δt=0.0
BOSS 2012-03-22 Δt=656.7
CIV
(A)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
9
6000
Observed Wavelength (Å)


Rest Wavelength (Å)
1360
1370
1380
1390
SDSS J111748.57+392746.3
z=2.92242
SDSS 2005-03-03 Δt=0.0
BOSS 2012-03-22 Δt=656.7
SiIV
(A)
SiIV
(A)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
9
5400
Observed Wavelength (Å)


Rest Wavelength (Å)
1820
1830
1840
1850
1860
SDSS J111748.57+392746.3
z=2.92242
SDSS 2005-03-03 Δt=0.0
BOSS 2012-03-22 Δt=656.7
AlIII
(A)
AlIII
(A)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
9
7200
7300
Observed Wavelength (Å)


Rest Wavelength (Å)
1090
1100
1110
1120
1130
SDSS J111748.57+392746.3
z=2.92242
SDSS 2005-03-03 Δt=0.0
BOSS 2012-03-22 Δt=656.7
PV
(A)
PV
(A)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
9
4300
4400
Observed Wavelength (Å)


Rest Wavelength (Å)
1040
1050
1060
1070
1080
SDSS J111748.57+392746.3
z=2.92242
SDSS 2005-03-03 Δt=0.0
BOSS 2012-03-22 Δt=656.7
SIV
(A)
SIV*
(A)
Flux (10^{-17} erg s^{-1}cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7
8
9
4100
4200
Observed Wavelength (Å)