

Rest Wavelength (\AA)

2000

SDSS J130421.55+031138.1
z=2.55243

SDSS 2001-04-28 t=0.0
BOSS 2010-05-07 t=927.8
BOSS 2011-05-01 t=1028.9

Flux ($10^{-16} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$)

2

1

0

-No variation 1000 days
-5 AF
-C

4000

5000

6000

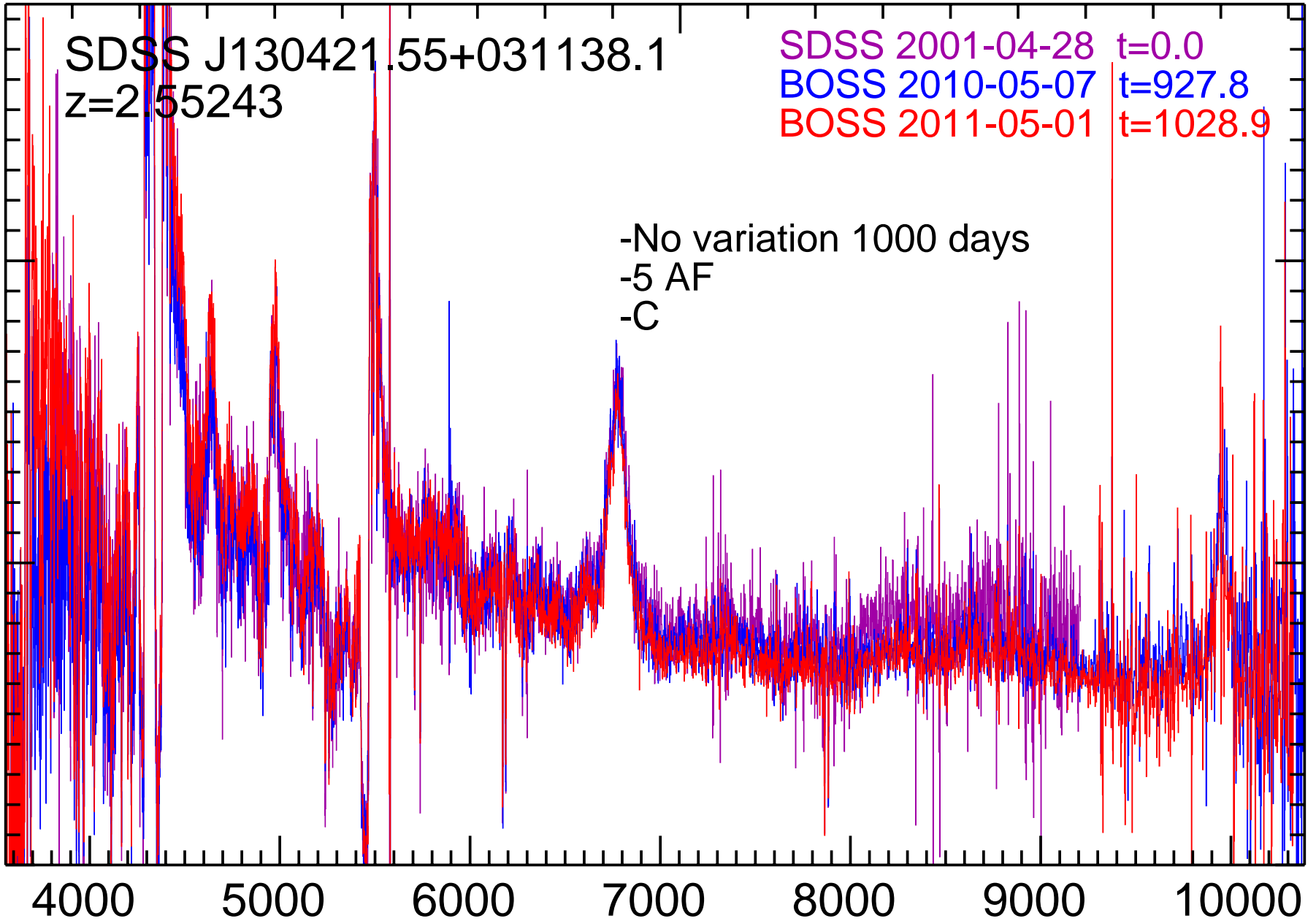
7000

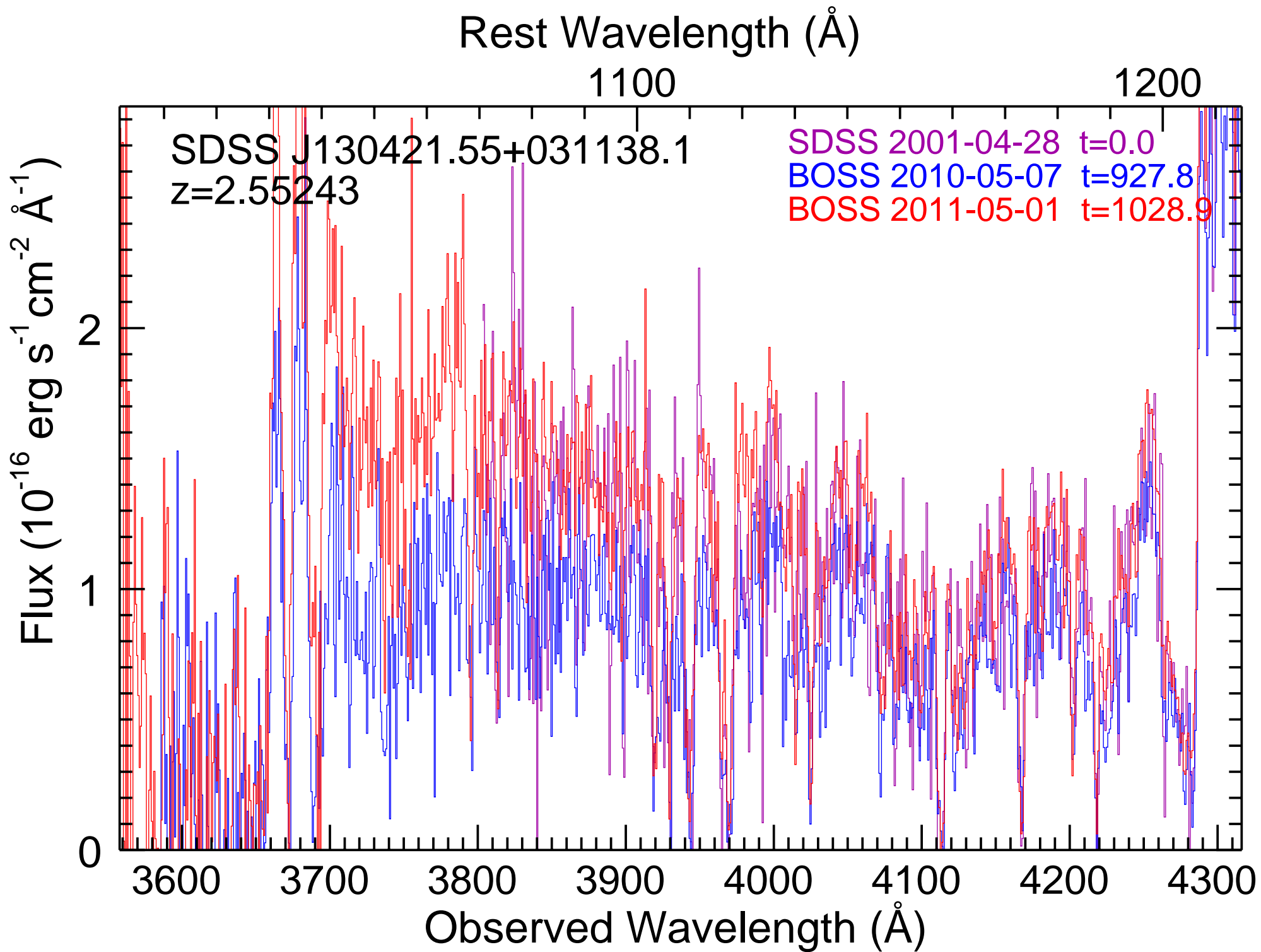
8000

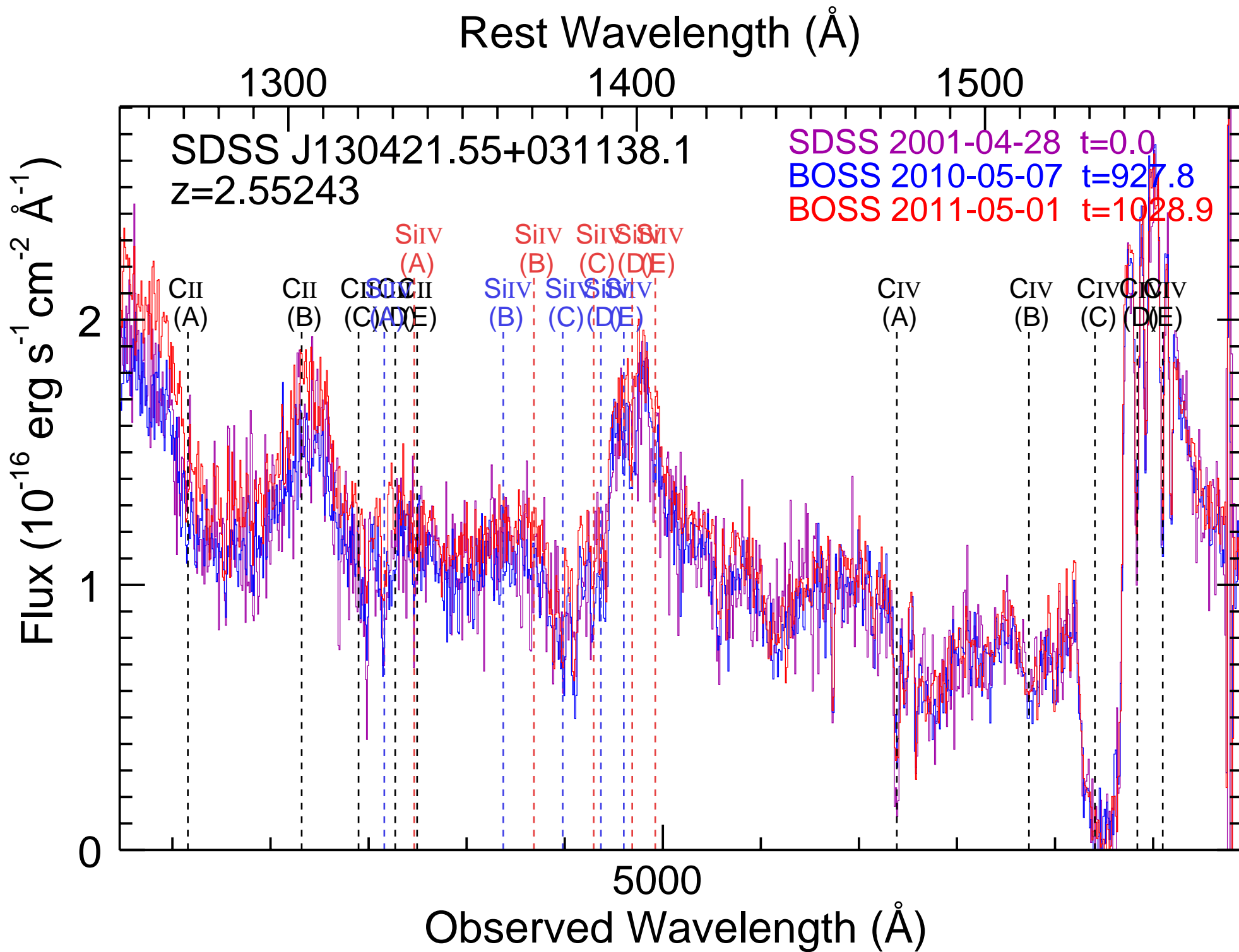
9000

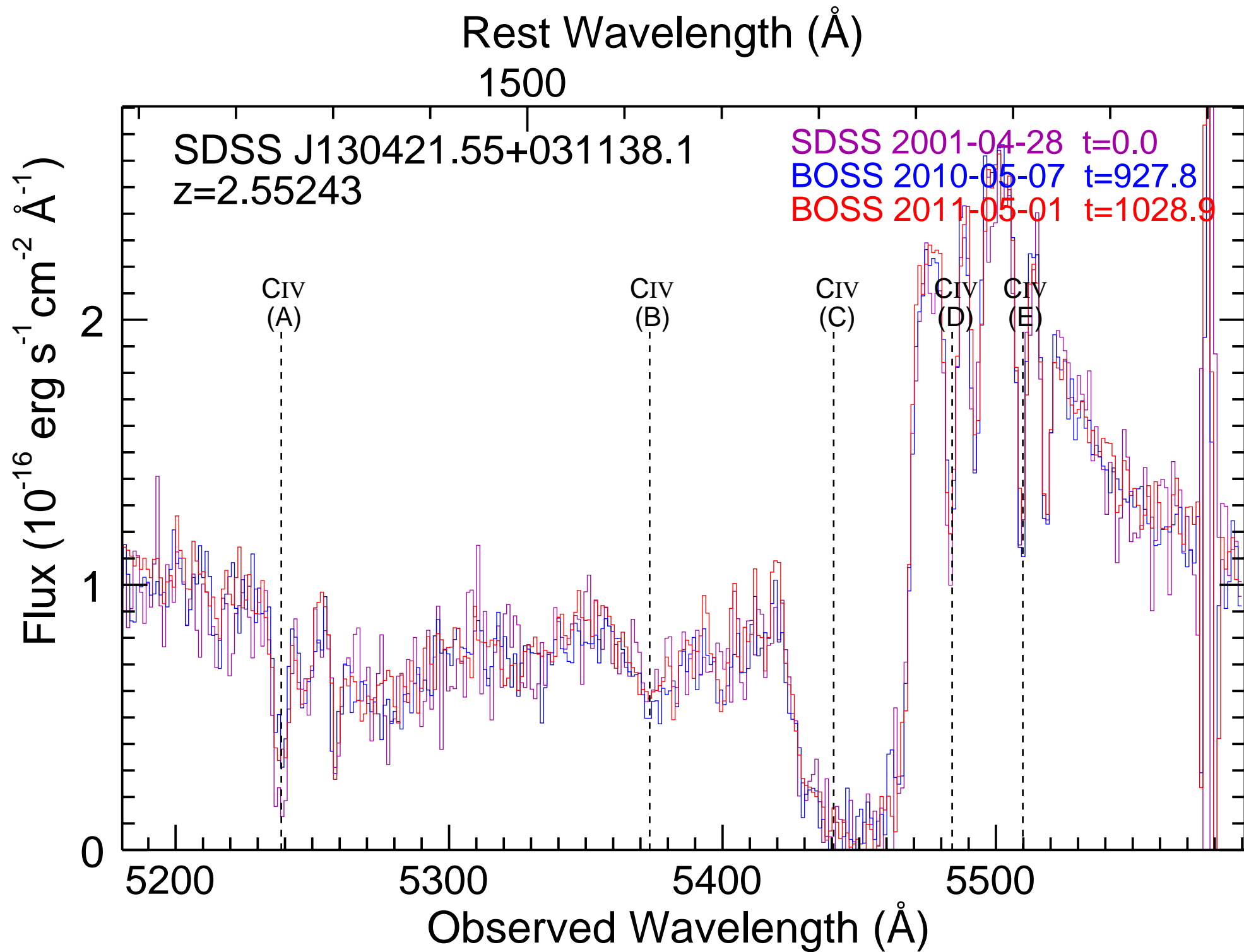
10000

Observed Wavelength (\AA)









Rest Wavelength (\AA)

1400

SDSS J130421.55+031138.1
z=2.55243

SDSS 2001-04-28 t=0.0
BOSS 2010-05-07 t=927.8
BOSS 2011-05-01 t=1028.9

Flux ($10^{-16} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$)

2

1

0

SiIV
(A)

SiIV
(A)

SiIV
(B)

SiIV
(B)

SiIV
(C)

SiIV
(C)

SiIV
(D)

SiIV
(D)

SiIV
(E)

SiIV
(E)

SiIV
(E)

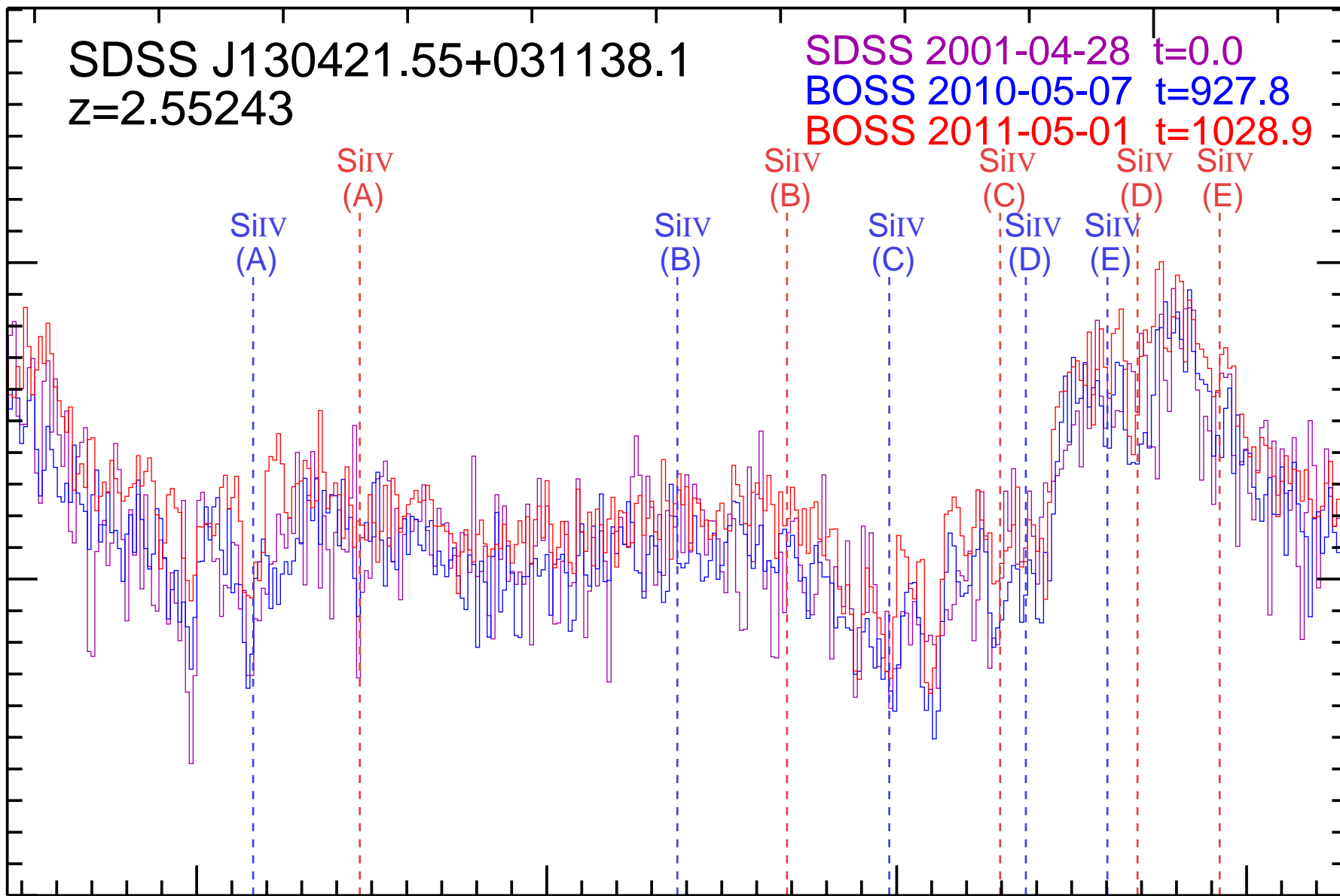
4700

4800

4900

5000

Observed Wavelength (\AA)



Rest Wavelength (\AA)

1100

SDSS J130421.55+031138.1
z=2.55243

SDSS 2001-04-28 t=0.0
BOSS 2010-05-07 t=927.8
BOSS 2011-05-01 t=1028.9

Flux ($10^{-16} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$)

2

1

0

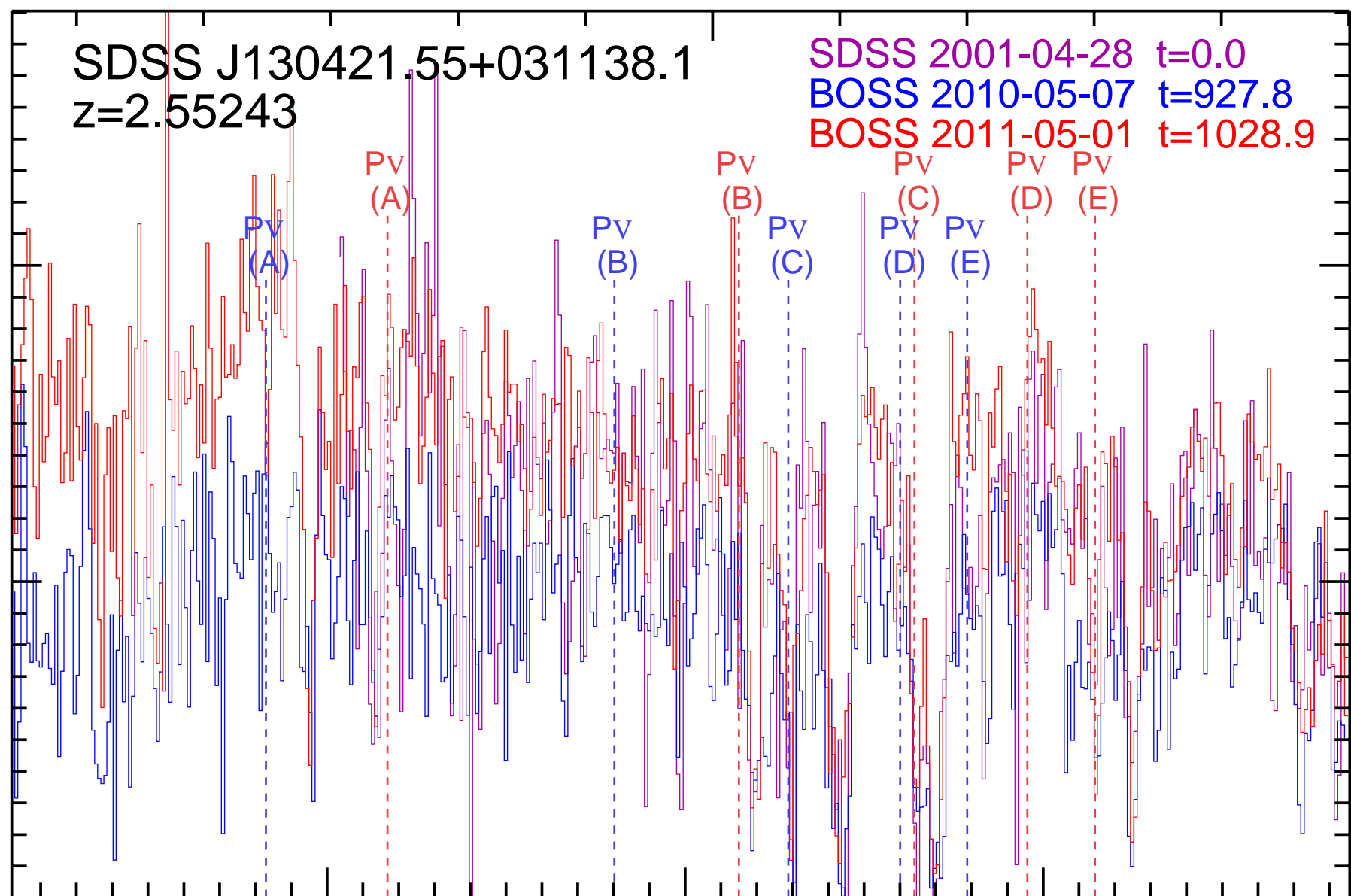
3800

3900

4000

Observed Wavelength (\AA)

PV (A) PV (A) PV (A) PV (B) PV (C) PV (C) PV (D) PV (D) PV (E) PV (E)



Rest Wavelength (\AA)

1000

SDSS J130421.55+031138.1
z=2.55243

SDSS 2001-04-28 t=0.0
BOSS 2010-05-07 t=927.8
BOSS 2011-05-01 t=1028.9

Flux ($10^{-16} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$)

2

1

0

3600

3700

3800

Observed Wavelength (\AA)

SIV
(A)

SIV*
(A)

SIV
(B)

SIV*
(B)

SIV
(C)

SIV*
(C)

SIV
(D)

SIV
(E)

SIV*
(D)

SIV*
(E)

