

Rest Wavelength (\AA)

1500

SDSS J121015.52+525653.4
z=3.19326

SDSS 2002-06-05 t=0.0
BOSS 2013-04-08 t=944.4

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

2

1

0

CIV
(A)

CIV
(B)

CIV
(C)

CIV
(D)

CIV
(E)

CIV
(F)

5900

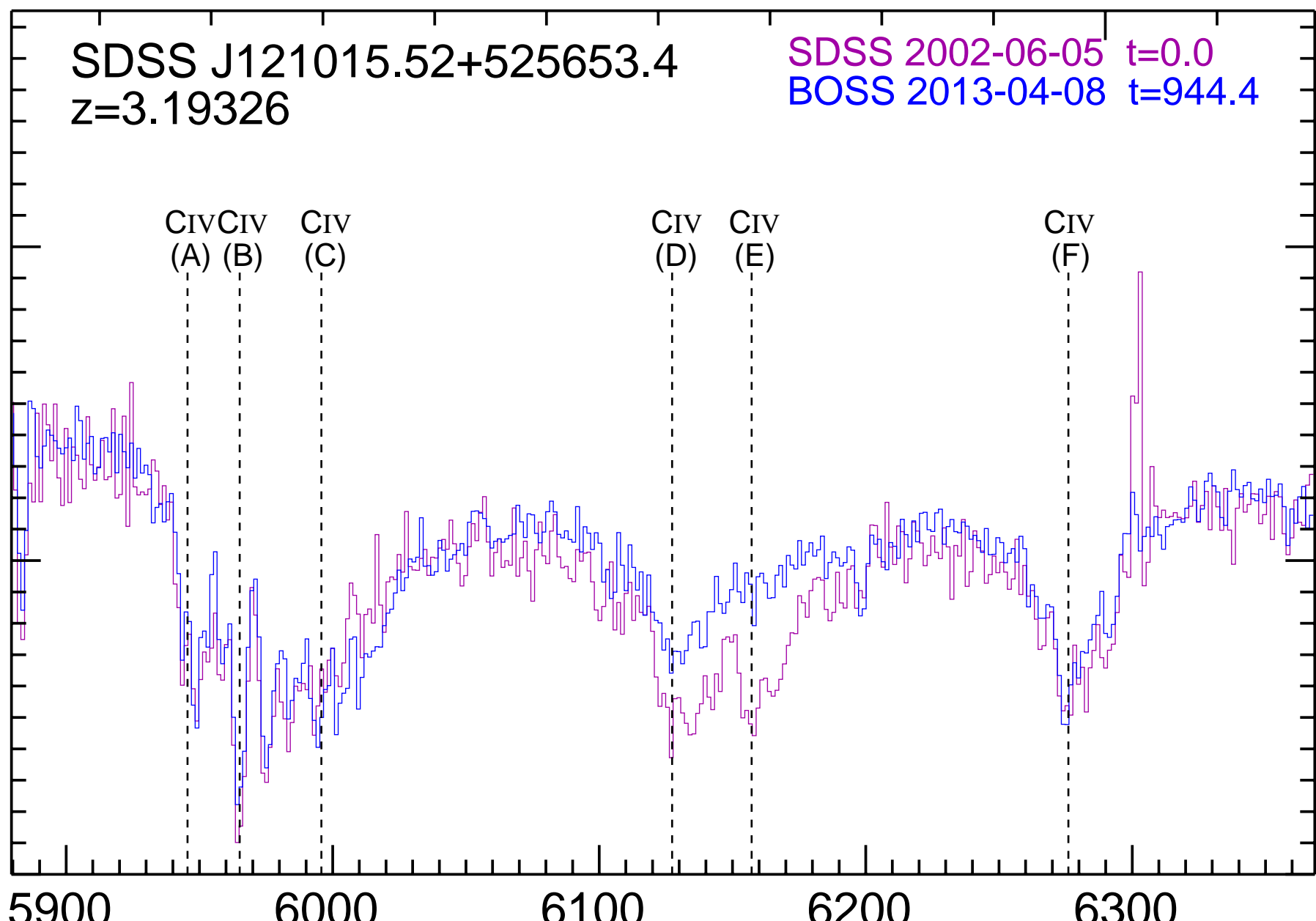
6000

6100

6200

6300

Observed Wavelength (\AA)



Rest Wavelength (\AA)

1300

SDSS J121015.52+525653.4
z=3.19326

SDSS 2002-06-05 t=0.0
BOSS 2013-04-08 t=944.4

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

2

1

0

5300

5400

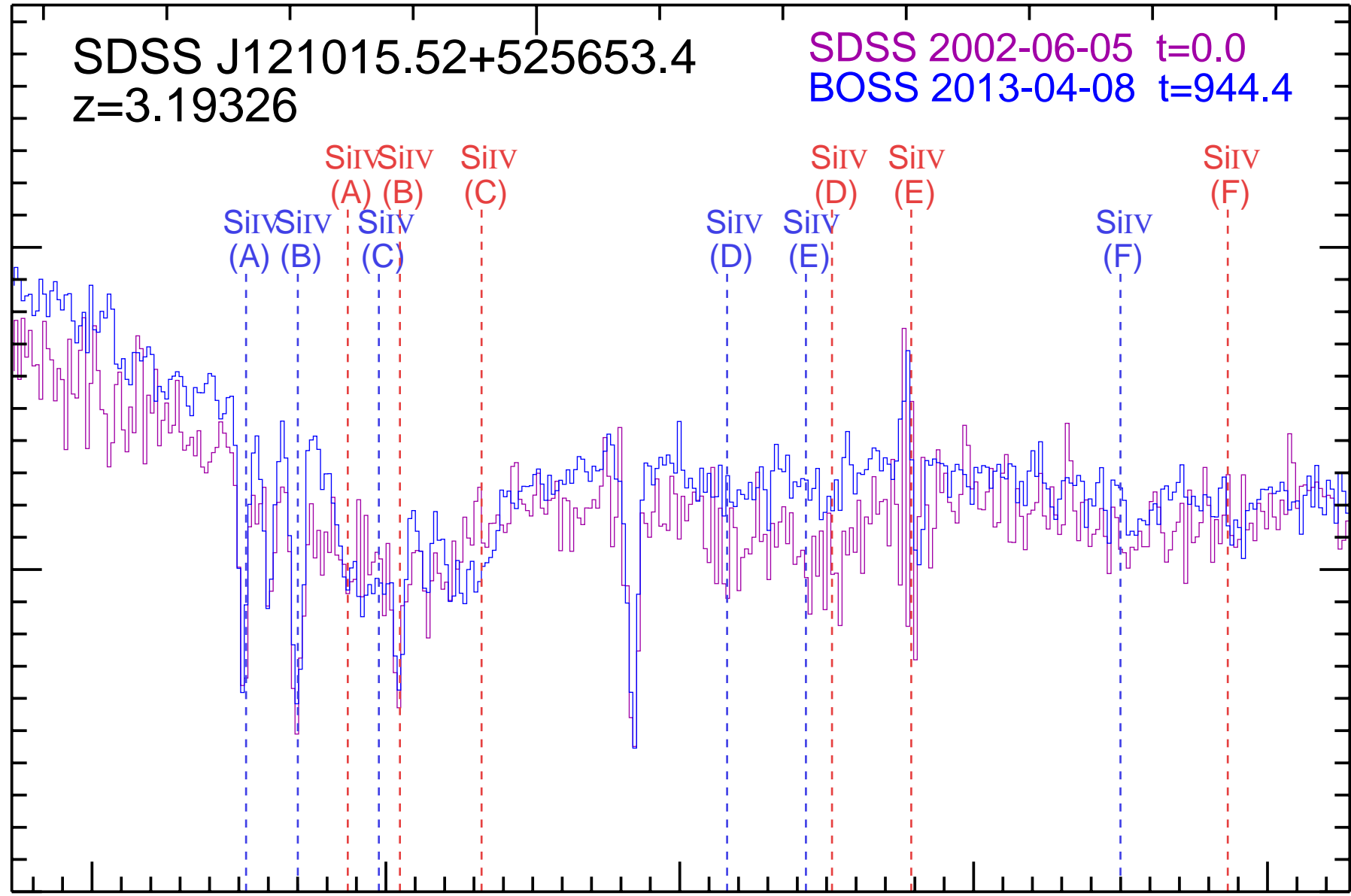
5500

5600

5700

Observed Wavelength (\AA)

SiIV SiIV (A) (B) SiIV (C) SiIV (C)
SiIV SiIV (A) (B) SiIV (C) SiIV (D) SiIV (E) SiIV (E) SiIV (F) SiIV (F)



Rest Wavelength (\AA)

1100

SDSS J121015.52+525653.4
z=3.19326

SDSS 2002-06-05 t=0.0
BOSS 2013-04-08 t=944.4

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

2

1

0

4300

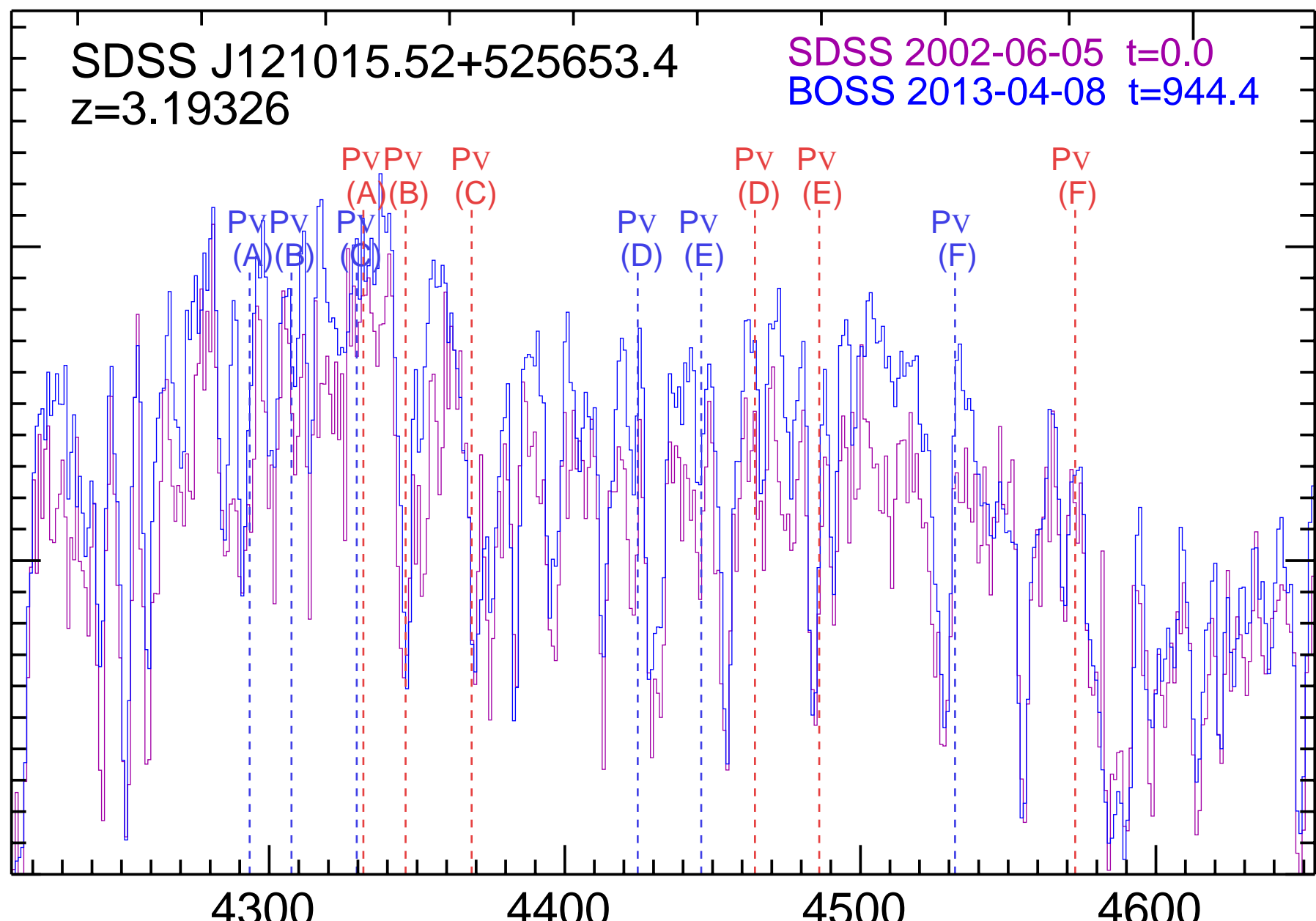
4400

4500

4600

Observed Wavelength (\AA)

Pv Pv Pv Pv Pv Pv Pv
(A) (B) (C) (D) (E) (F)



Rest Wavelength (\AA)

1000

SDSS J121015.52+525653.4
z=3.19326

SDSS 2002-06-05 t=0.0
BOSS 2013-04-08 t=944.4

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

2

1

0

SIV* SIV* SIV*
(A) (B) (C)

SIV* SIV*
(D) (E)

SIV*
(F)

SIV SIV SIV
(A) (B) (C)

SIV SIV
(D) (E)

SIV
(F)

4100

4200

4300

4400

Observed Wavelength (\AA)

