

SDSS_J1030+2939_MJD56339

Rest Wavelength (Å)

1000

1500

2000

2500

z = 2.848

Flux (10^{-17} ergs s^{-1} cm^{-2} \AA^{-1})

40

30

20

10

0

4000

5000

6000

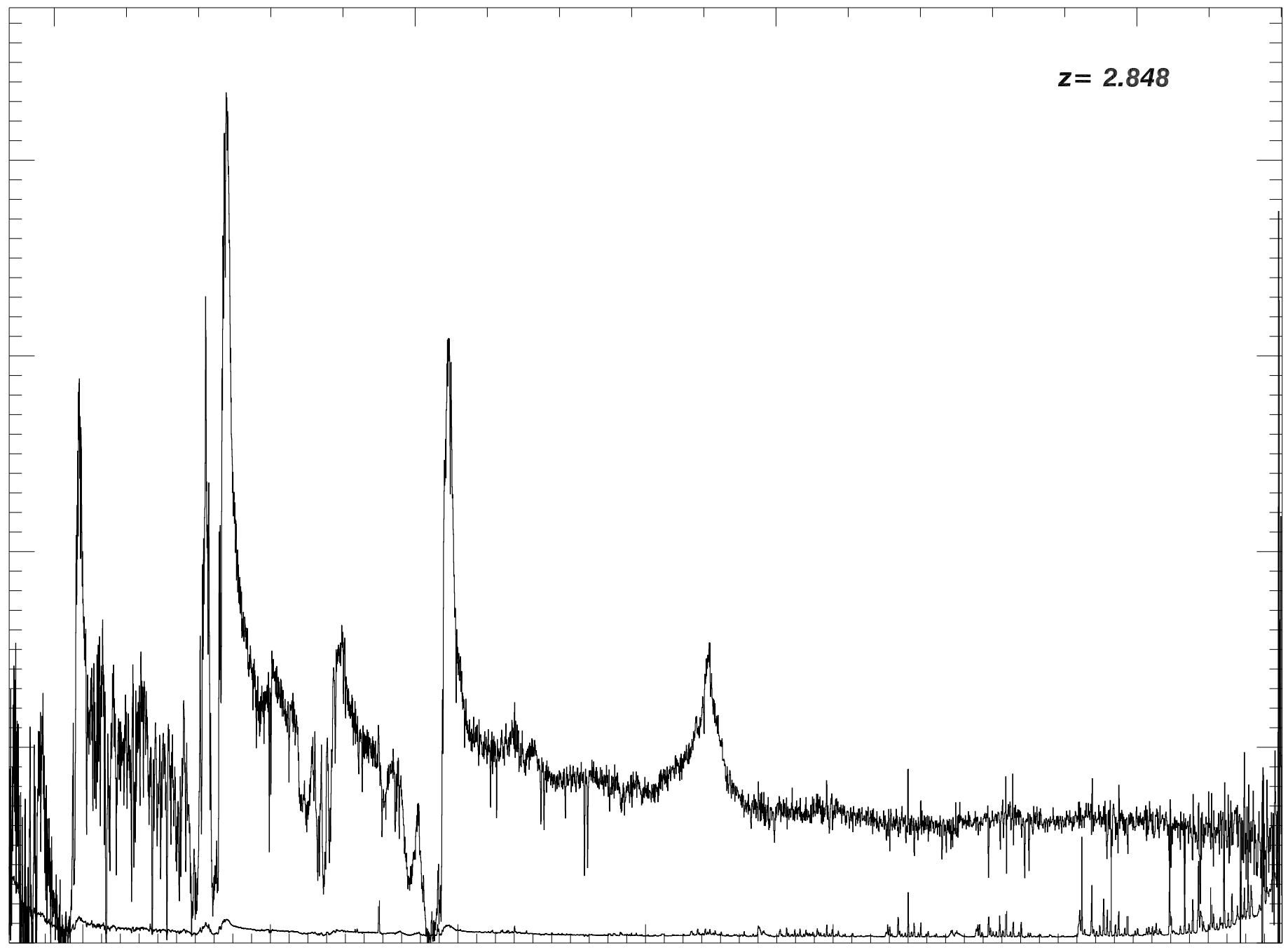
7000

8000

9000

10000

Observed Wavelength (Å)



SDSS_J1030+2939_MJD56339

Rest Wavelength (Å)

950

1000

1050

1100

1150

$z=2.7906$

$z= 2.848$

Flux (10^{-17} ergs s^{-1} cm^{-2} Å $^{-1}$)

30

20

10

0

-2

-1

0

1

H I 973 0.0

C IV 1548 1.3868

Fe II 1608 1.3868

C III 977 0.0

Si II 990 0.0

N III 990 0.0

Si III* 993 0.3

N III* 992 0.2

Al II 1671 1.3036

Fe II 1608 1.3868

Al II 1671 1.3036

H I 1026 0.0

O VI 1032 0.0

C II 1036 0.0

C II* 1037 0.06

O VI 1038 0.0

Al II 1671 1.3868

S IV 1063 0.0

S IV* 1073 1.0

H I 1216 2.3929

N V 1239 2.3929

H I 1216 2.4816

P V 1118 0.0

Fe III 1123 0.0

Fe III* 1125 0.4

Fe III* 1127 0.4

Fe III* 1128 0.4

Fe III* 1130 0.9

N V 1239 2.4816

N V 1243 2.4816

Si II 1260 2.4816

Al III 1855 1.3868

Al III 1863 1.3868

H I 1216 2.6591

C III* 1176 52.4

3800

3800

4000

4000

4200

4200

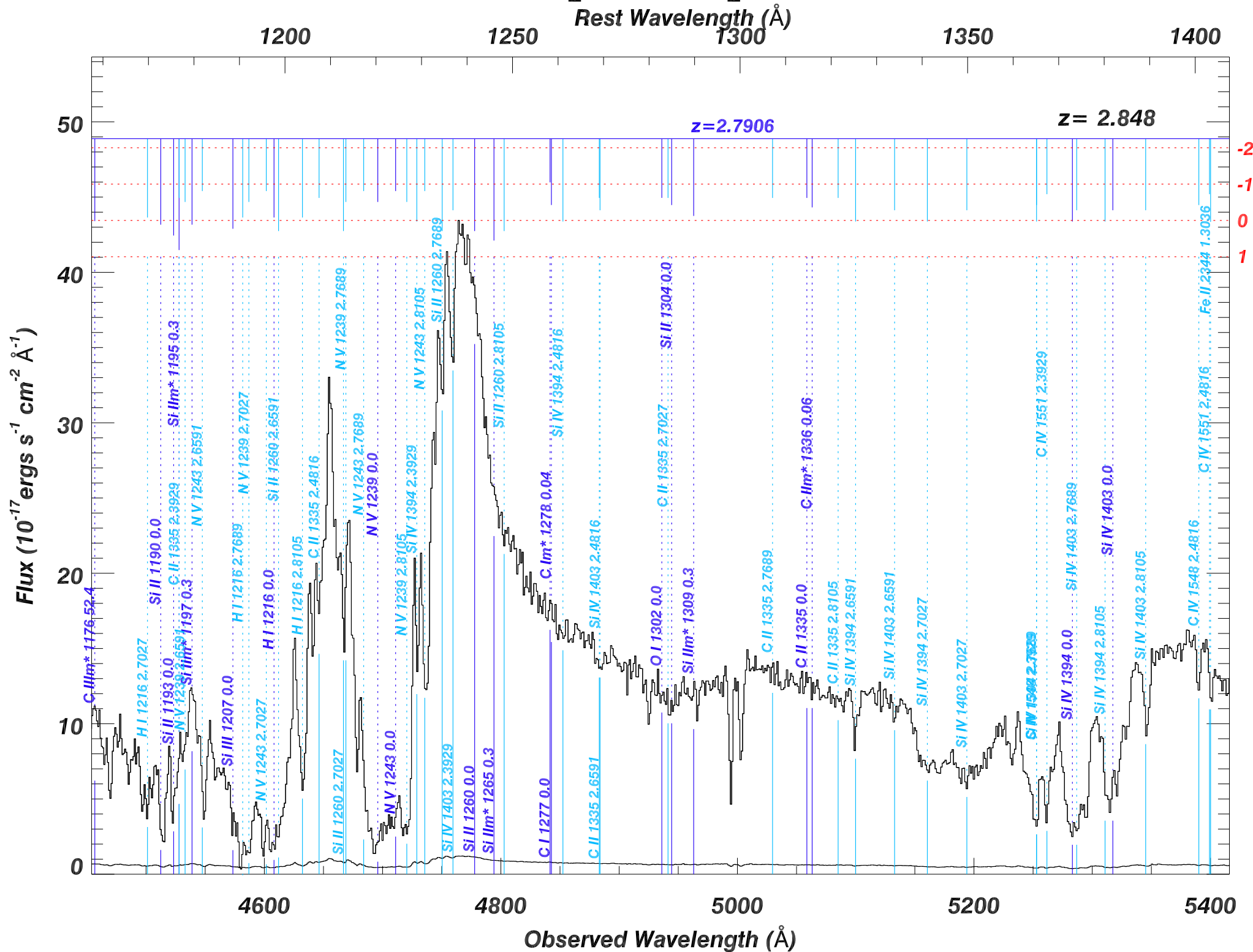
4400

4400

Observed Wavelength (Å)

3800 4000 4200 4400

SDSS_J1030+2939_MJD56339



SDSS_J1030+2939_MJD56339

Rest Wavelength (\AA)

1400

1450

1500

1550

1600

$z=2.7906$

$z=2.848$

-2
-1
0
1

Flux ($10^{-17} \text{ ergs s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$)

30

20

10

0

5400

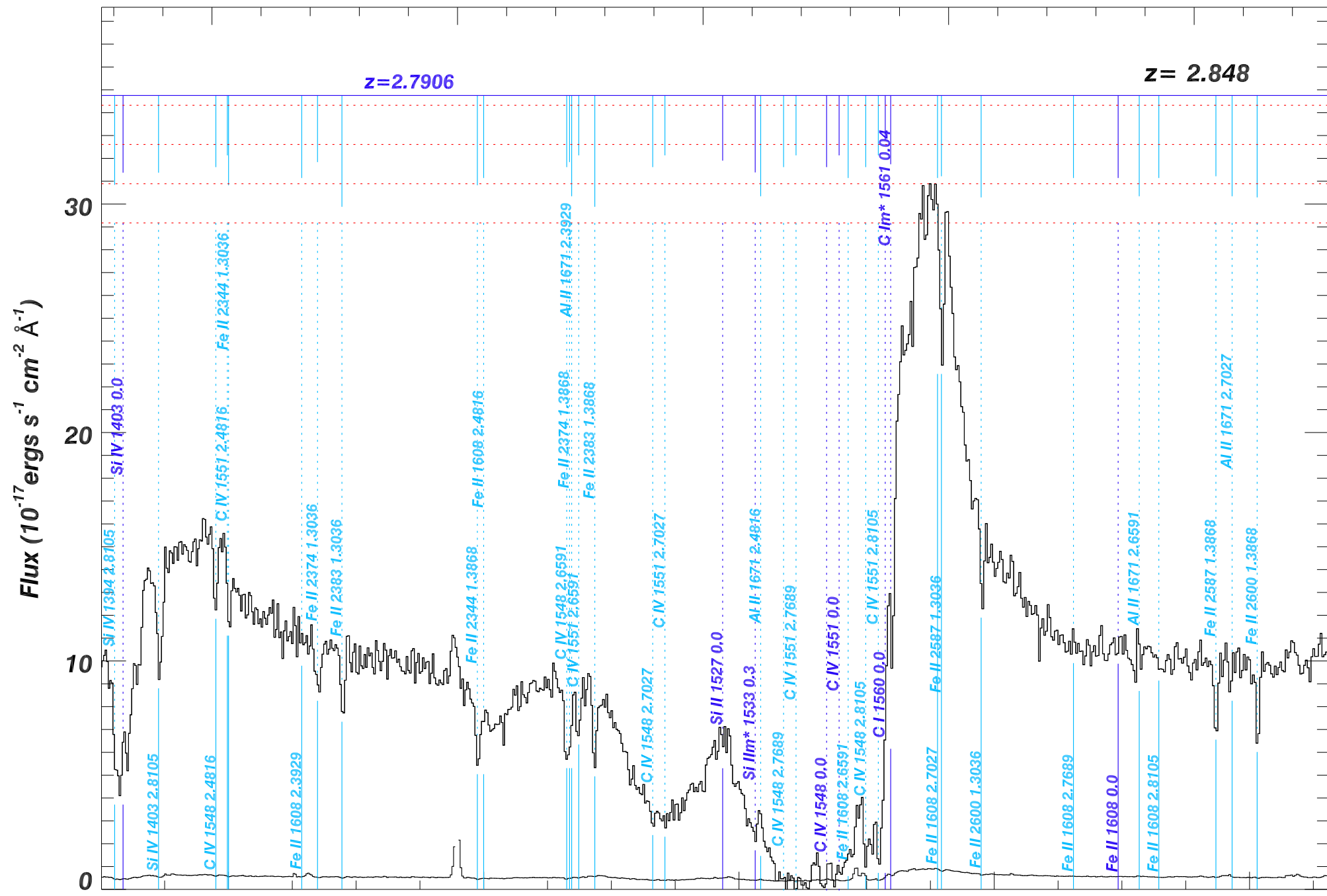
5600

5800

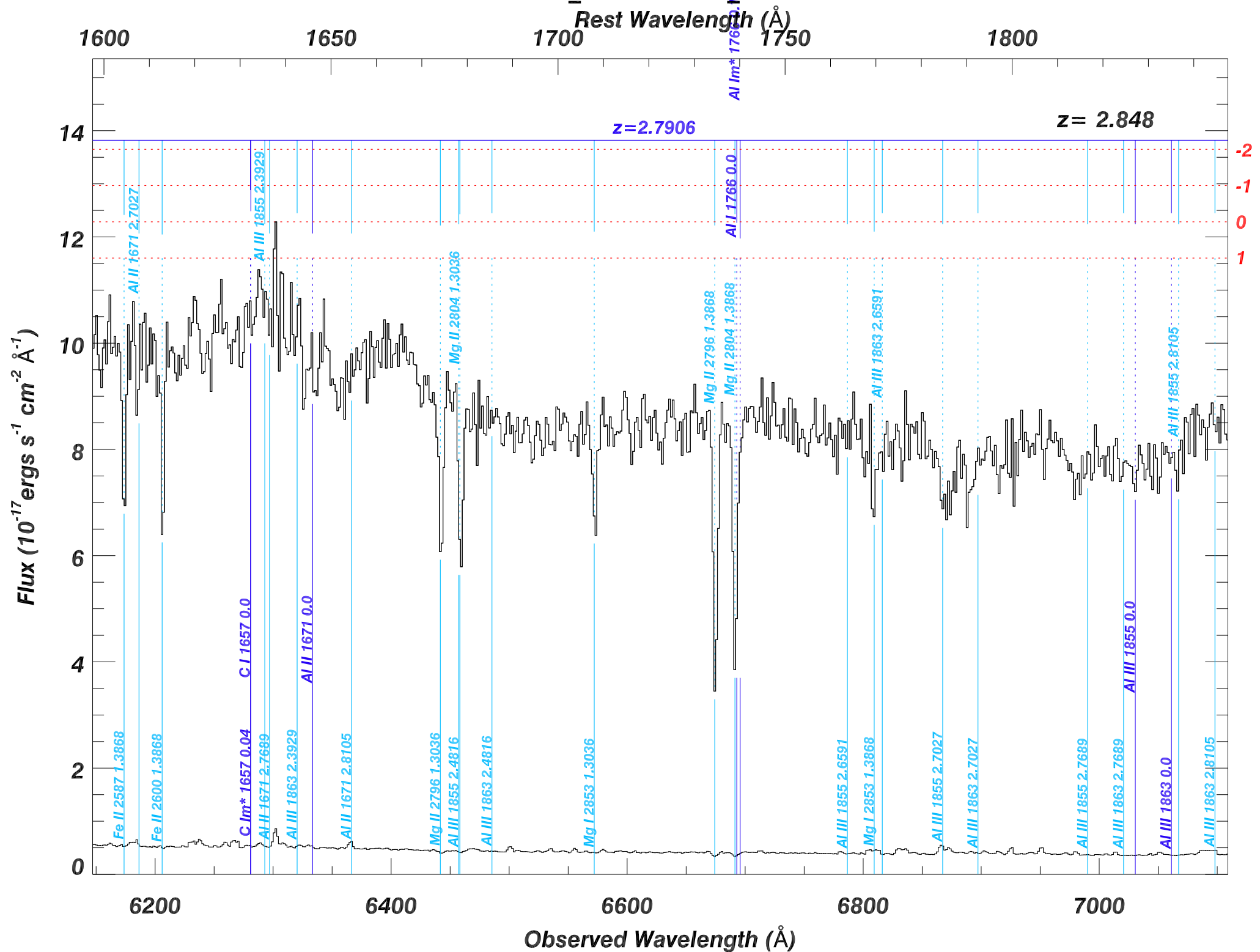
6000

6200

Observed Wavelength (\AA)



SDSS_J1030+2939_MJD56339



SDSS_J1030+2939_MJD56339

Rest Wavelength (\AA)

1850

1900

1950

2000

2050

$z=2.7906$

$z=2.848$

Flux ($10^{-17} \text{ ergs s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$)

15

10

5

0

-2

-1

0

1

7000

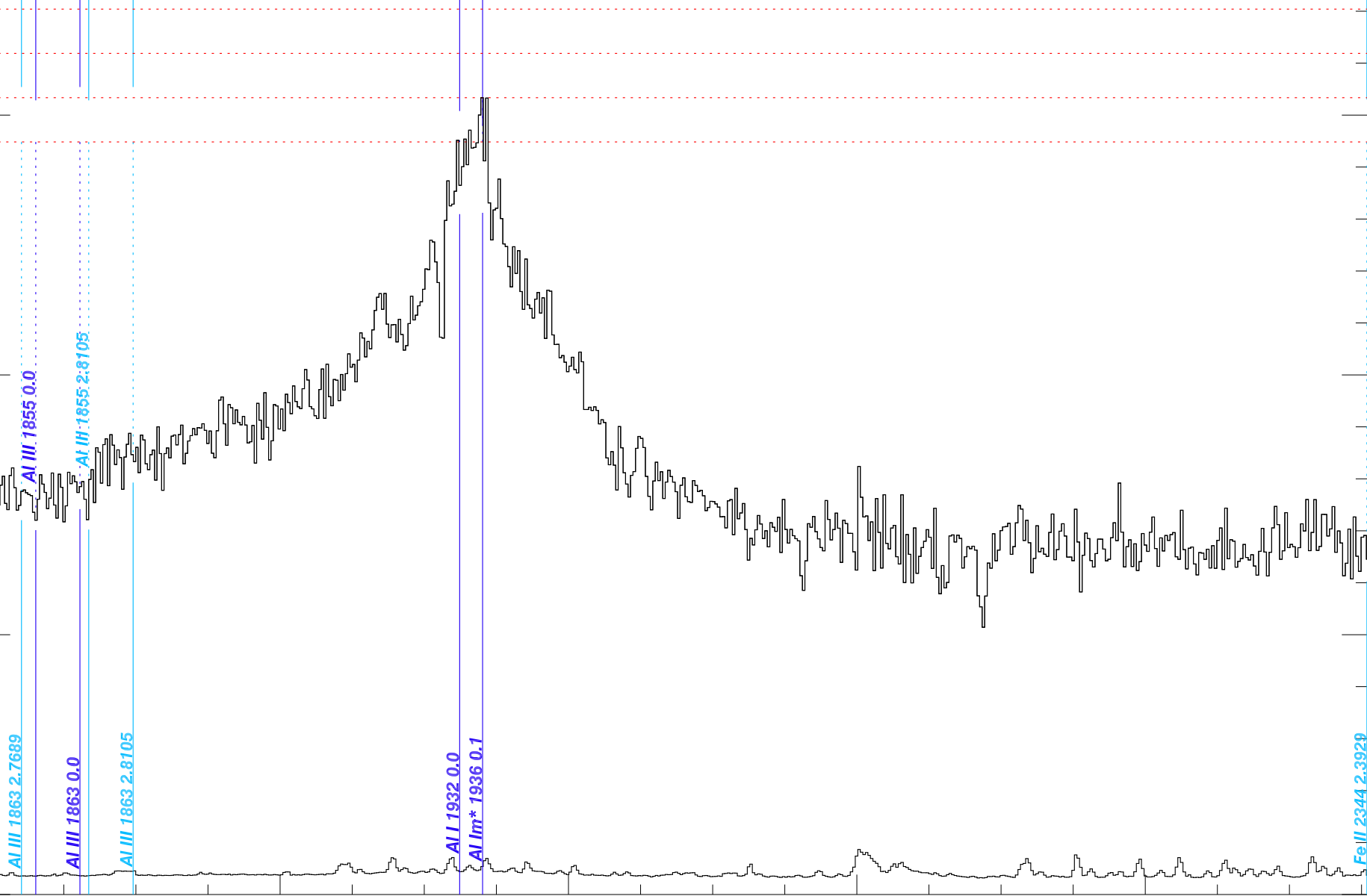
7200

7400

7600

7800

Observed Wavelength (\AA)



Al III 1863 2.7689

Al III 1855 0.0

Al III 1863 0.0

Al III 1863 2.8105

Al I 1932 0.0

Al Im* 1936 0.1

Fe II 2344 2.3929

SDSS_J1030+2939_MJD56339

Rest Wavelength (\AA)

2050

2100

2150

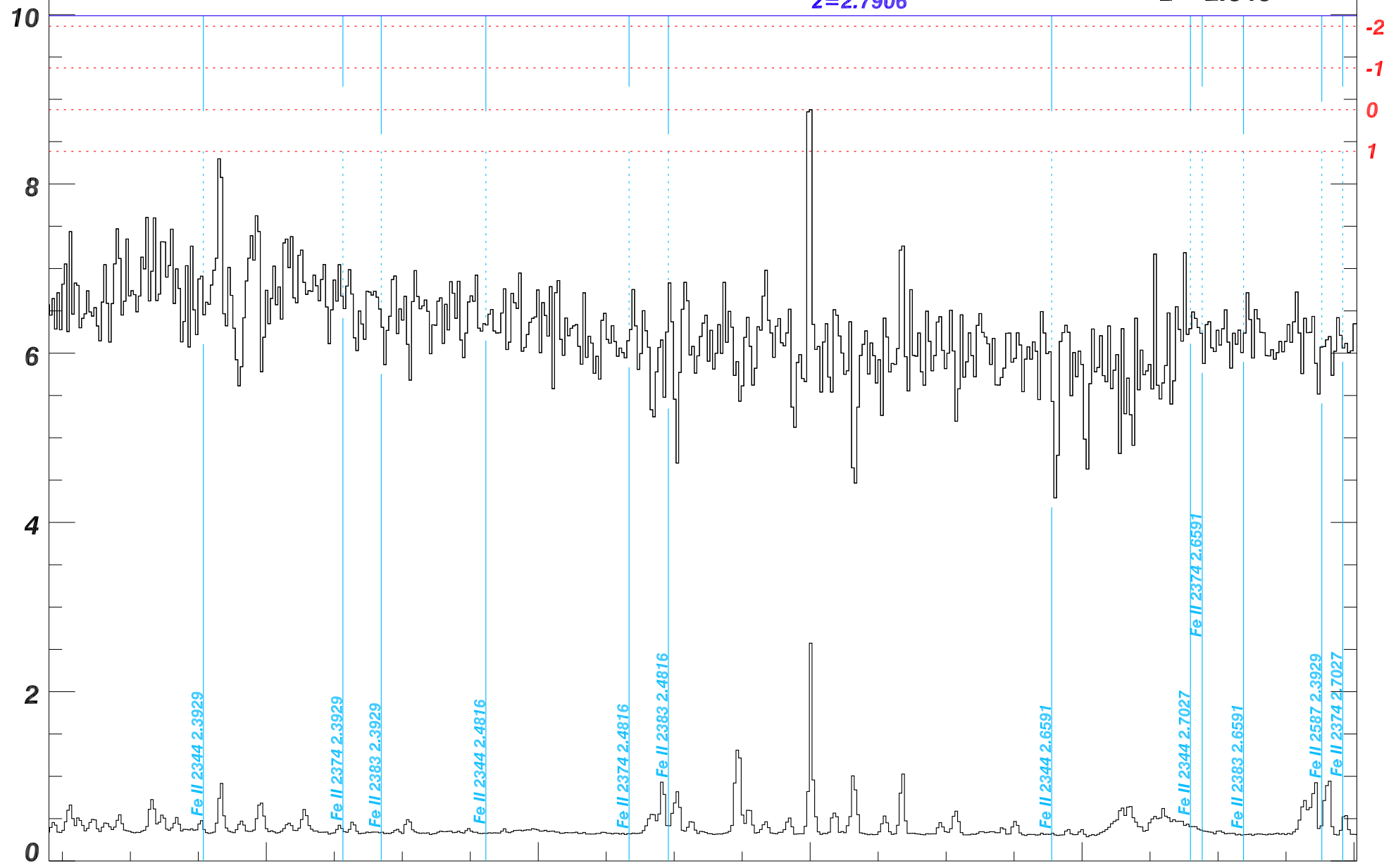
2200

2250

$z=2.7906$

$z=2.848$

Flux ($10^{-17} \text{ ergs s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$)



8000

8200

8400

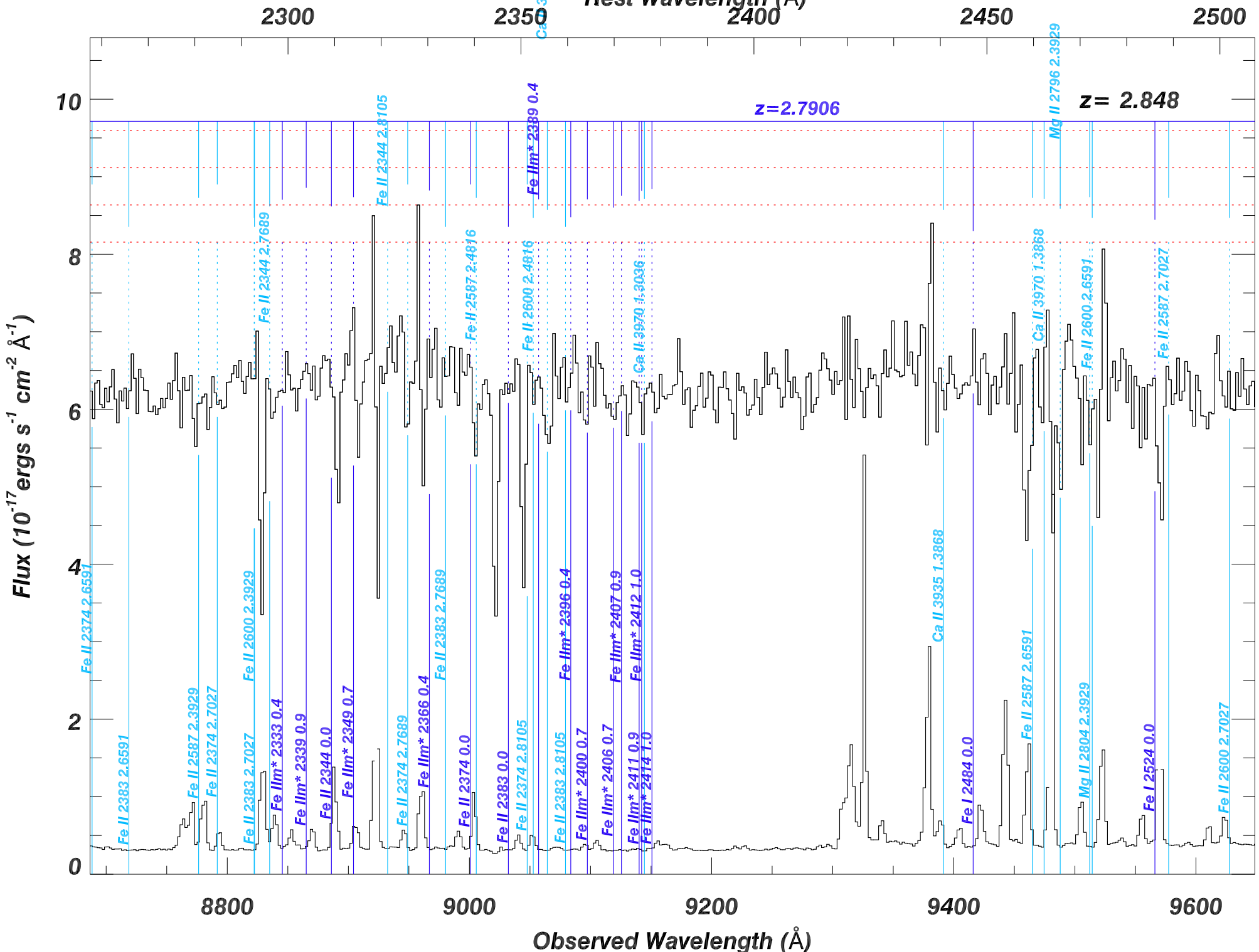
8600

8800

Observed Wavelength (\AA)

SDSS_J1030+2939_MJD56339

Rest Wavelength (Å)



SDSS_J1030+2939_MJD56339

