

SDSS_J0216+0115_MJD57043

Rest Wavelength (\AA)

1500

2000

2500

3000

z = 2.229

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

30

20

10

0

4000

5000

6000

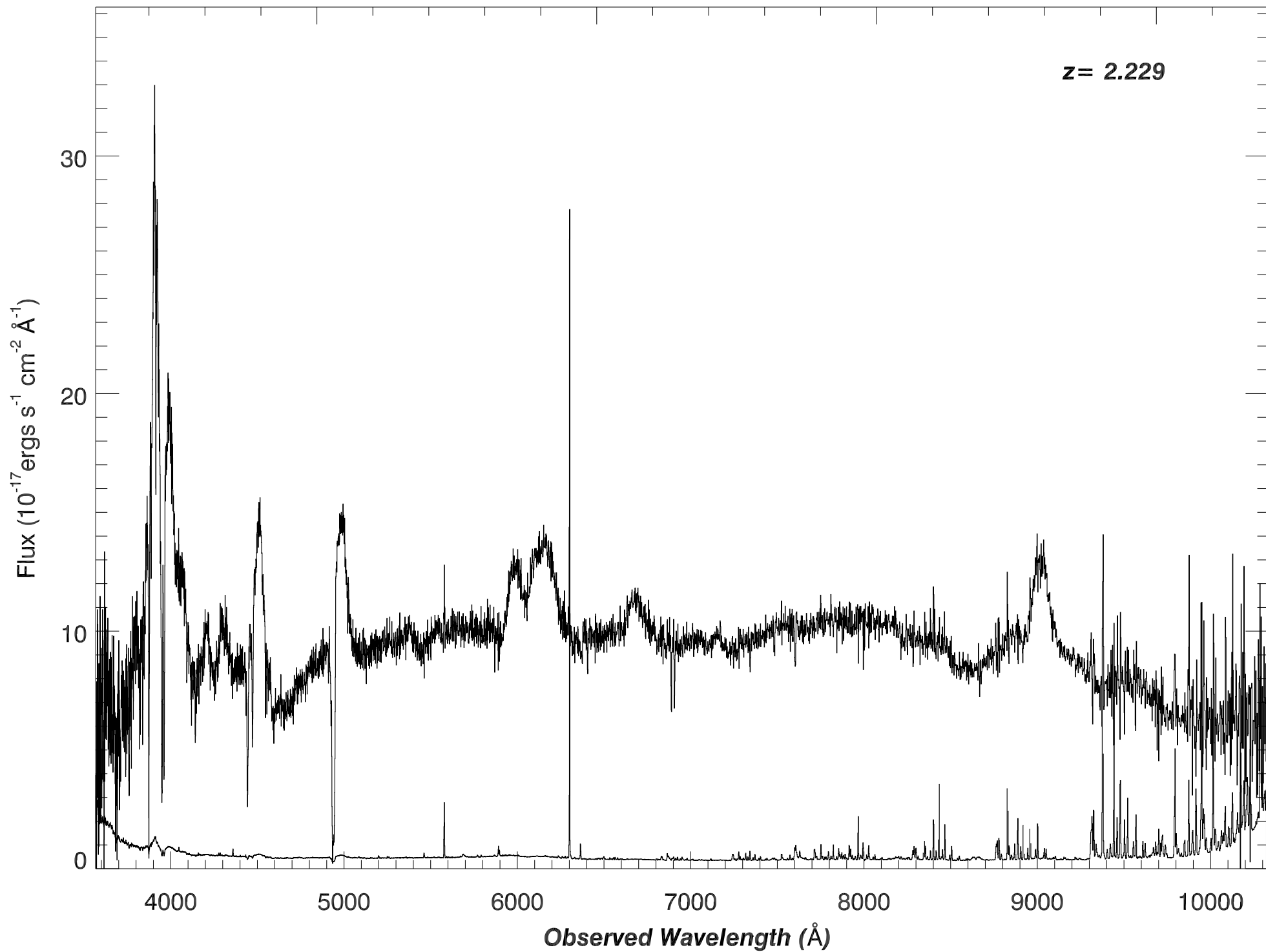
7000

8000

9000

10000

Observed Wavelength (\AA)



SDSS_J0216+0115_MJD57043

Rest Wavelength (Å)

1150

1200

1250

1300

1350

$z = 2.229$
 $z = 2.1870$

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

40
30
20
10
0

-2
-1
0
1

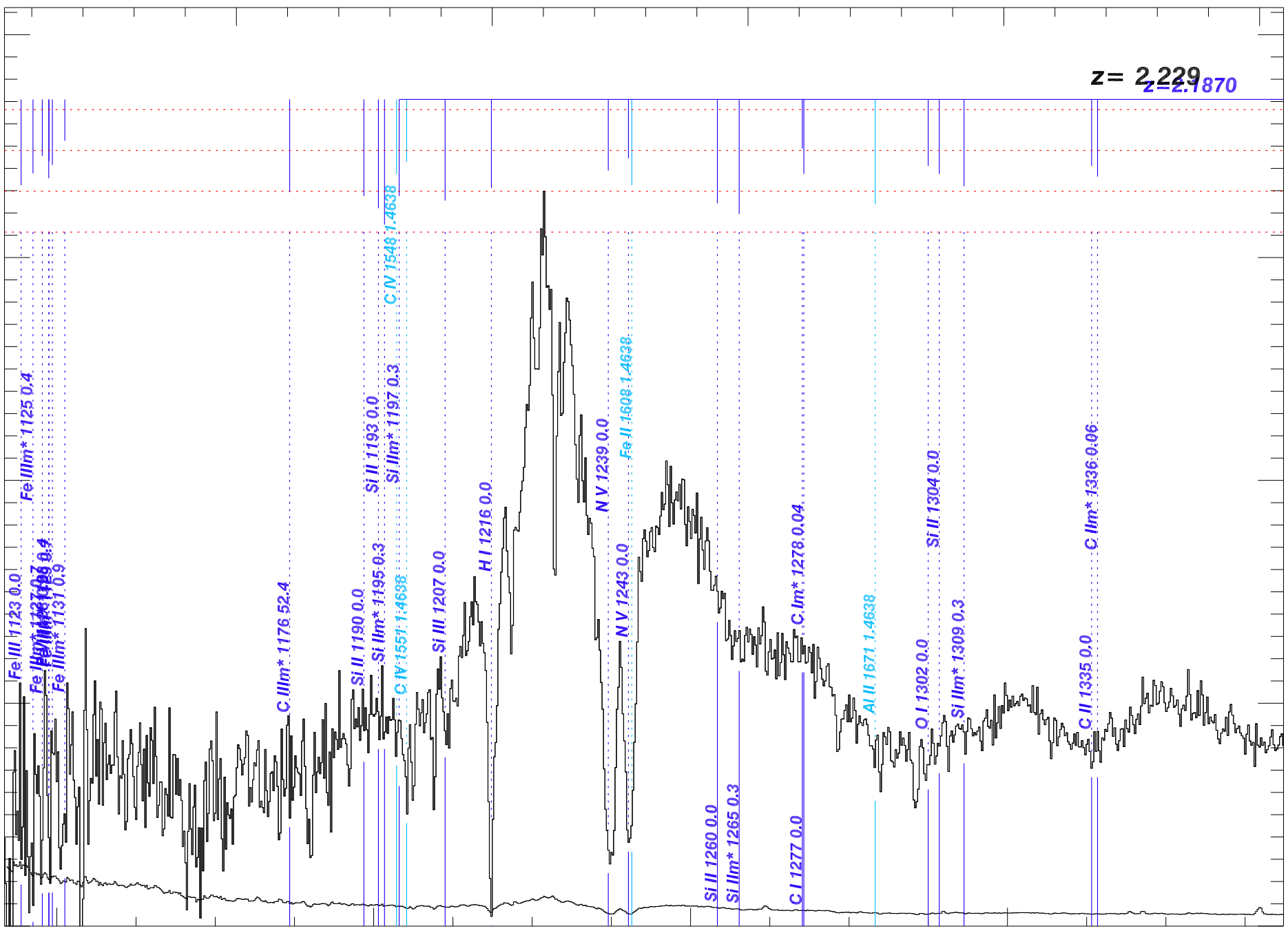
3600

3800

4000

4200

Observed Wavelength (Å)



Fe III 1123 0.0
Fe III 1125 0.4
Fe II 1137 0.4
Fe II 1137 0.9

C III* 1176 52.4

Si II 1190 0.0

Si III* 1195 0.3

Si II 1193 0.0

Si III* 1197 0.3

C IV 1548 1.4638

C IV 1557 1.4638

Si III 1207 0.0

H I 1216 0.0

NV 1243 0.0

NV 1239 0.0

Fe II 1608 1.4638

Si II 1260 0.0

Si III* 1265 0.3

C I 1277 0.0

C I* 1278 0.04

Al II 1671 1.4638

O I 1302 0.0

Si II 1304 0.0

Si III* 1309 0.3

C II 1335 0.0

C III* 1336 0.06

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Rest Wavelength (\AA)

1350

1400

1450

1500

1550

$z=2.1870$

$z=2.229$

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

15

10

5

0

-2

-1

0

1

Si IV 1394 0.0

Si IV 1403 0.0

Al III 1855 1.4638

Al III 1863 1.4638

Si II 1527 0.0

Si III* 1533 0.3

C IV 1548 0.0

C IV 1551 0.0

C I 1560 0.0

C III* 1561 0.04

4400

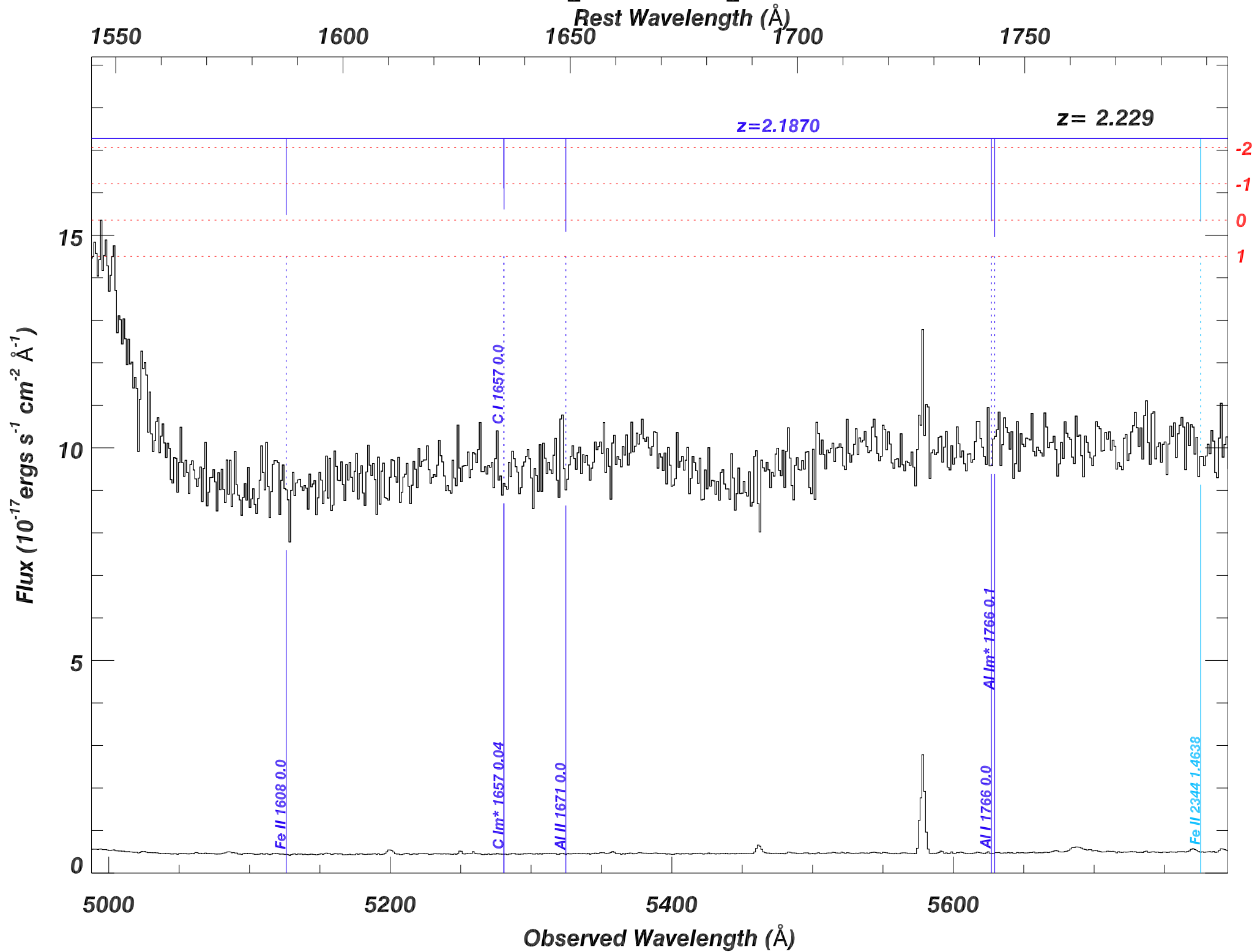
4600

4800

5000

Observed Wavelength (\AA)

SDSS_J0216+0115_MJD57043

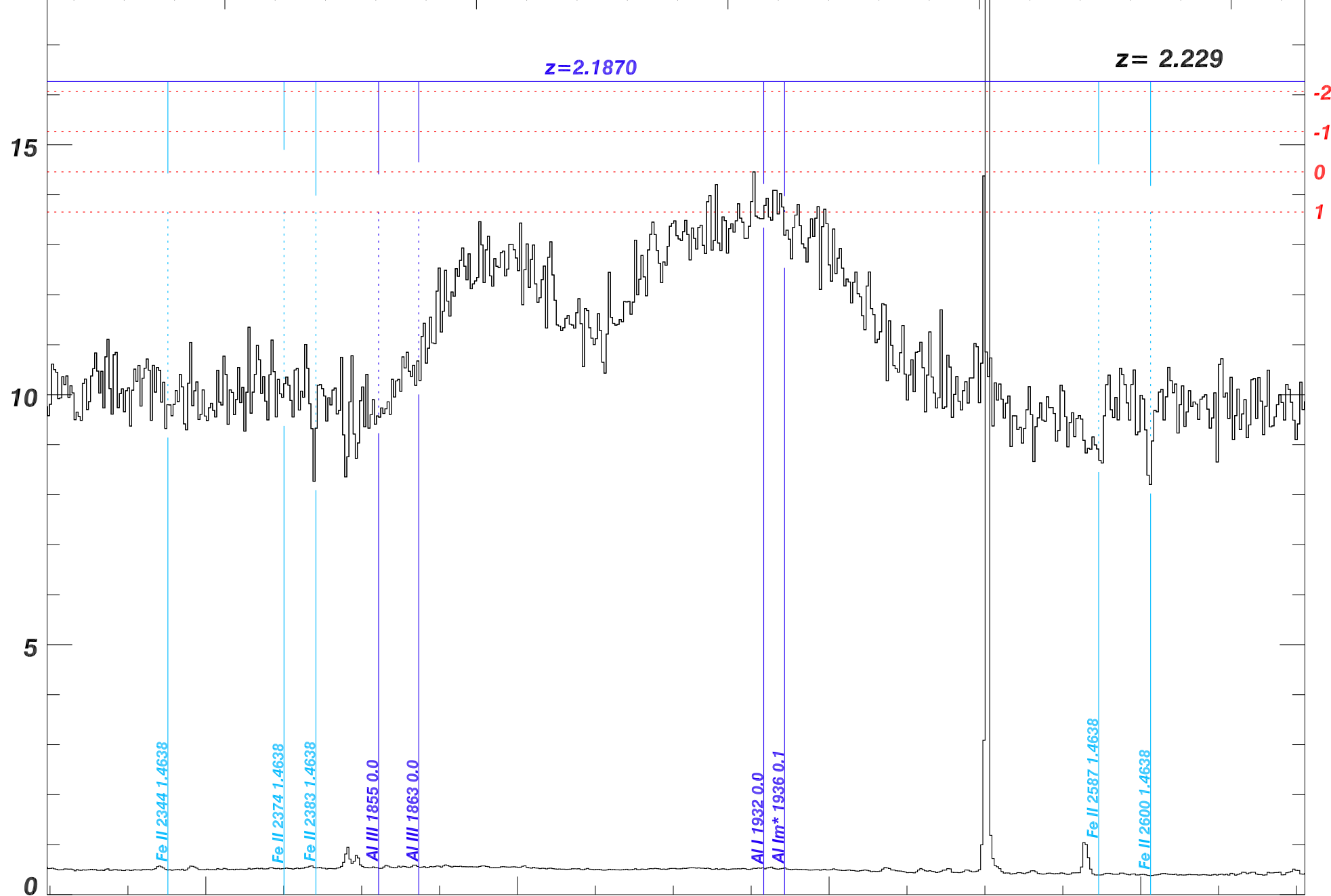


SDSS_J0216+0115_MJD57043

Rest Wavelength (\AA)

1800 1850 1900 1950 2000

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



5800

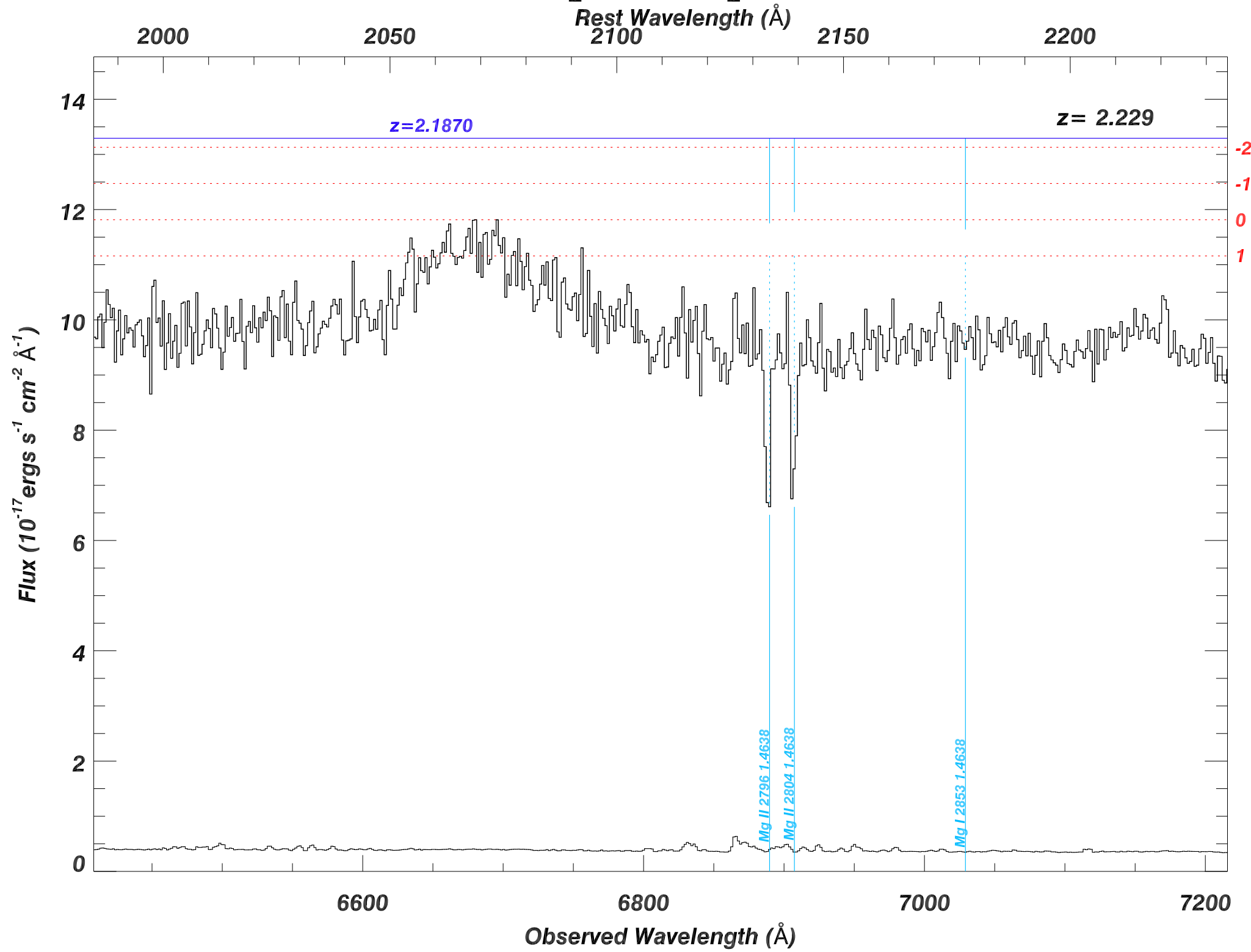
6000

6200

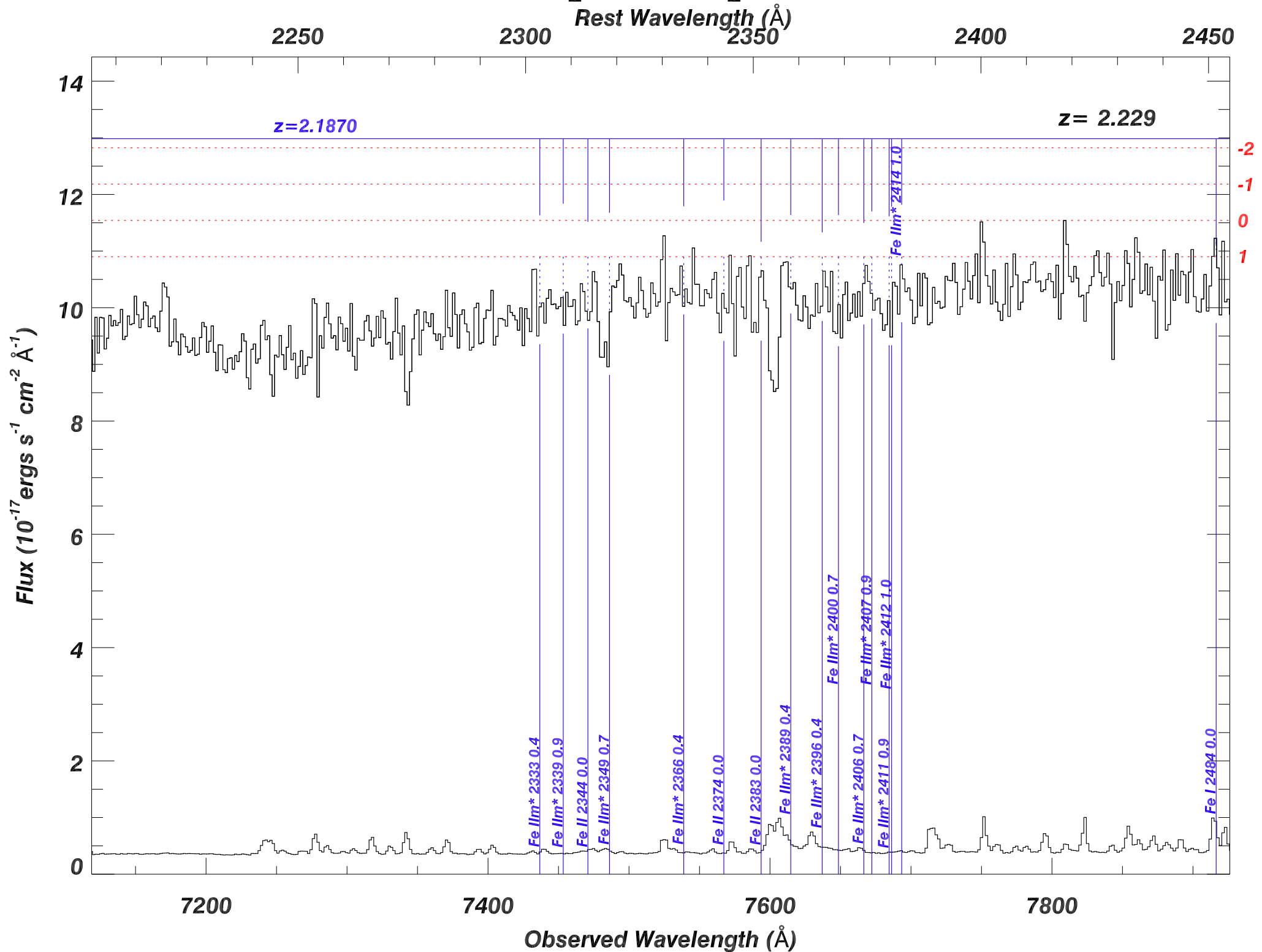
6400

Observed Wavelength (\AA)

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SDSS_J0216+0115_MJD57043

Rest Wavelength (\AA)

2450

2500

2550

2600

2650

$z = 2.1670$
 $z = 2.229$

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

14

12

10

8

6

4

2

0

-2

-1

0

1

Fe I 2484 0.0

Fe I 2524 0.0

Mn II 2577 0.0

Fe II 2587 0.0

Mn II 2594 0.0

Fe III* 2599 0.4

Fe II 2600 0.0

Mn II 2606 0.0

Fe III* 2606 0.7

Fe III* 2613 0.4

Fe III* 2615 0.9

Fe III* 2626 0.4

Fe III* 2629 1.0

Fe III* 2632 0.7

8000

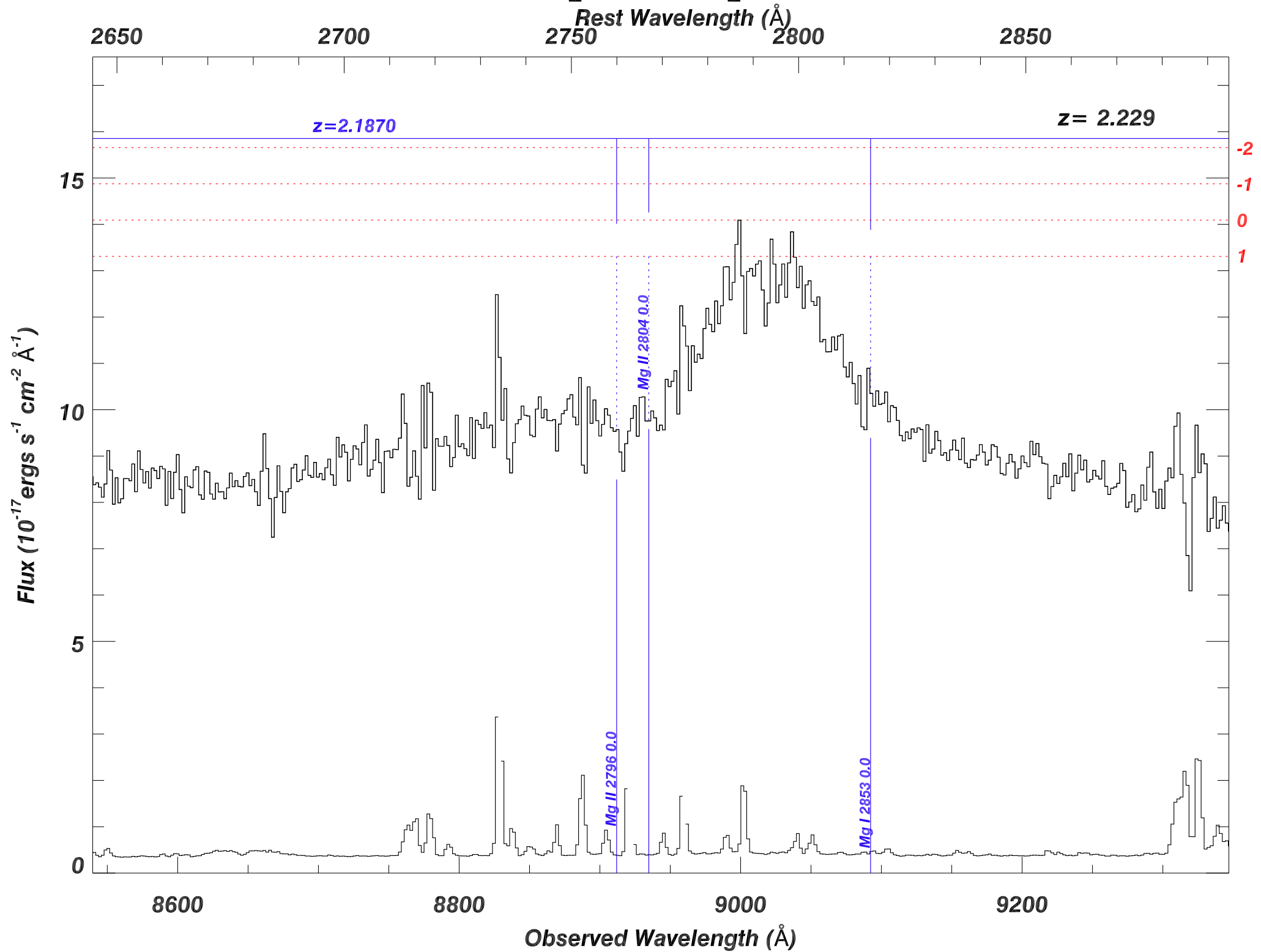
8200

8400

8600

Observed Wavelength (\AA)

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SDSS_J0216+0115_MJD57043

Rest Wavelength (\AA)

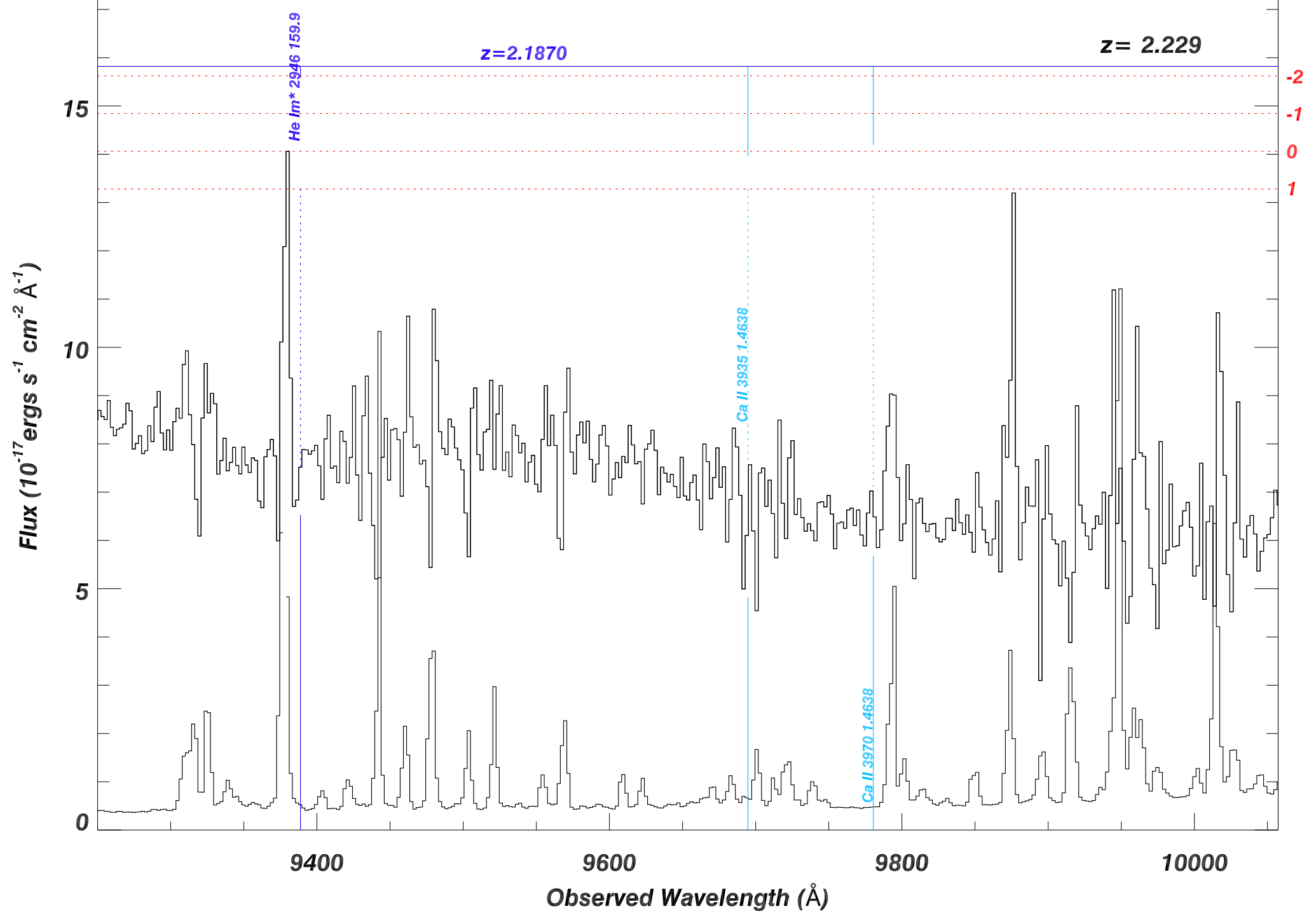
2900

2950

3000

3050

3100



SDSS_J0216+0115_MJD57043

Rest Wavelength (Å)

3100

3200

3300

3400

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

15
10
5
0

-2
-1
0
1

z=2.1870

z = 2.229

He I λ 3189.159.9

1.00×10^4 1.02×10^4 1.04×10^4 1.06×10^4 1.08×10^4 1.10×10^4 1.12×10^4

Observed Wavelength (Å)

