

SDSS_J1729+2649_MJD55711

Rest Wavelength (Å)

1500

2000

2500

3000

z = 2.342

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

150

100

50

0

4000

5000

6000

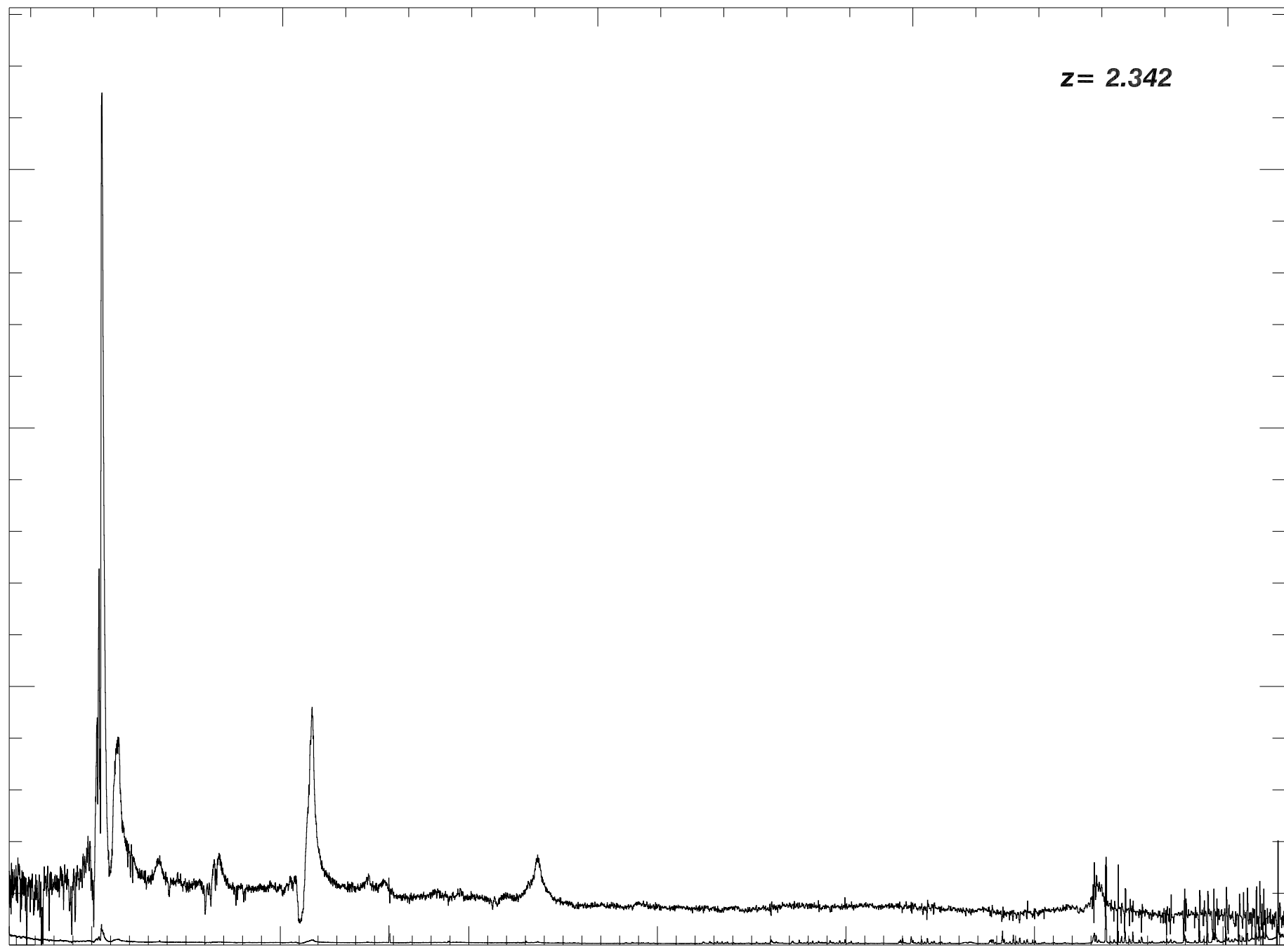
7000

8000

9000

10000

Observed Wavelength (Å)



SDSS_J1729+2649_MJD55711

Rest Wavelength (Å)

1100

1150

1200

1250

1300

200

150

100

50

0

-2
-1
0
1

$z=2.3075$
 $z=2.342$

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

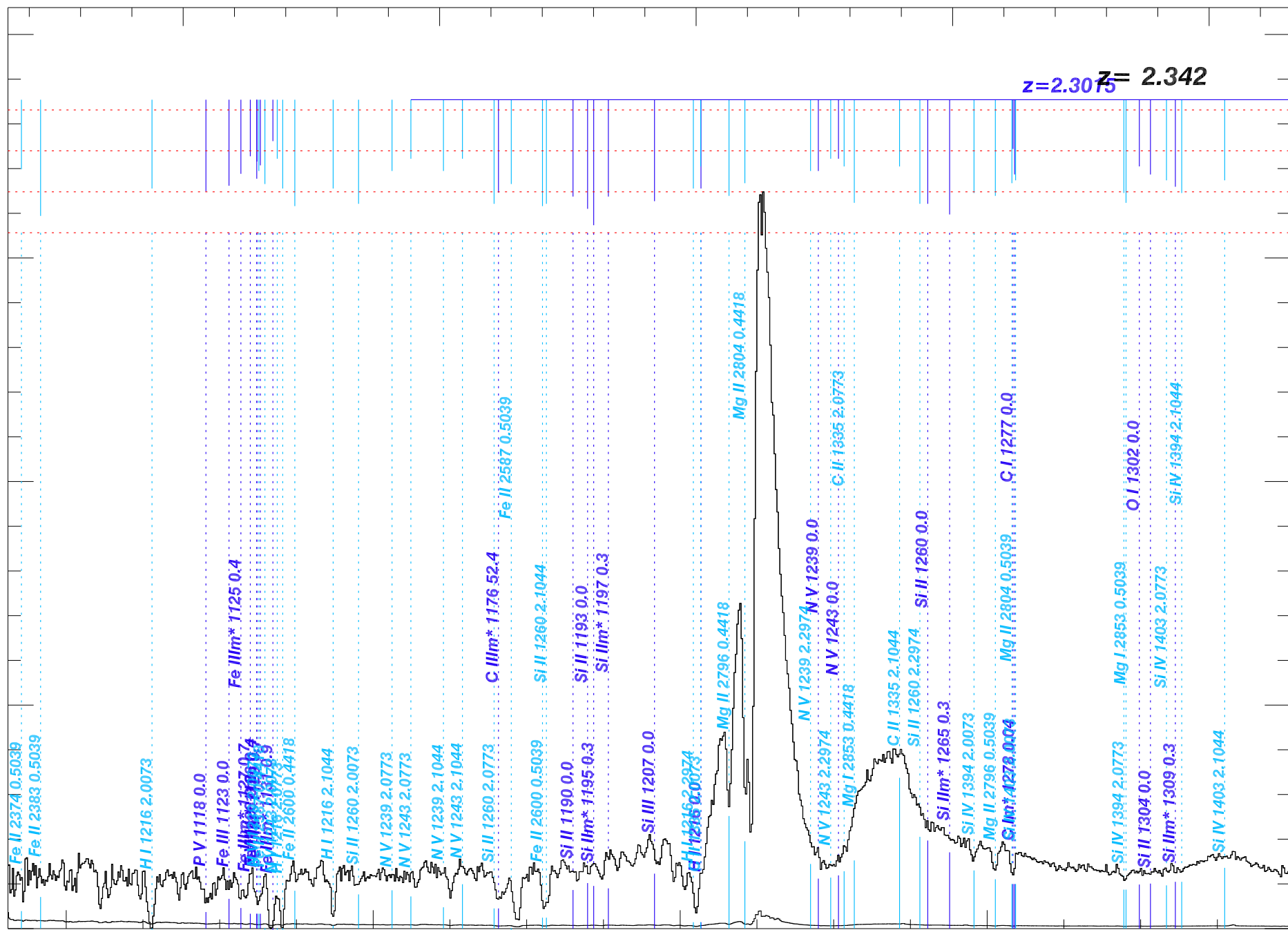
3600

3800

4000

4200

Observed Wavelength (Å)



SDSS_J1729+2649_MJD55711

Rest Wavelength (\AA)

1300

1350

1400

1450

1500

$z=2.3015$

$z=2.342$

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

20

15

10

5

0

-2

-1

0

1

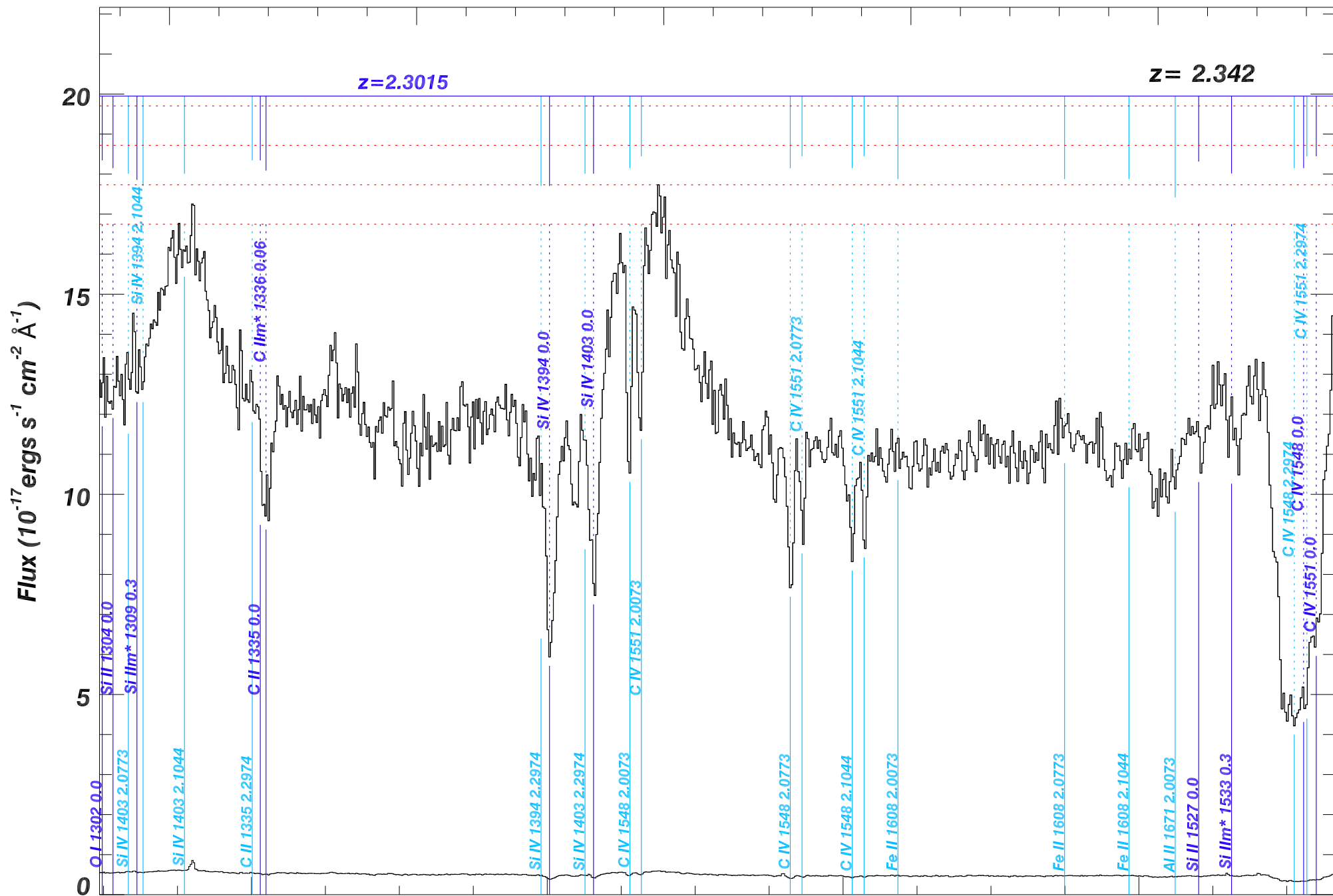
4400

4600

4800

5000

Observed Wavelength (\AA)



- O I 1302 0.0
- Si IV 1403 2.0773
- Si II 1304 0.0
- Si III* 1309 0.3
- Si IV 1403 2.1044
- C II 1335 0.0
- C II 1336 0.06
- Si IV 1394 0.0
- Si IV 1403 0.0
- C IV 1551 2.0073
- C IV 1548 2.0773
- C IV 1551 2.0773
- C IV 1548 2.1044
- C IV 1551 2.1044
- Fe II 1608 2.0073
- Fe II 1608 2.0773
- Fe II 1608 2.1044
- Al II 1671 2.0073
- Si II 1527 0.0
- Si III* 1533 0.3
- C IV 1548 2.2974
- C IV 1551 0.0
- C IV 1551 2.2974
- C IV 1548 0.0

SDSS_J1729+2649_MJD55711

Rest Wavelength (\AA)

1550

1600

1650

1700

1750

$z=2.3015$

$z= 2.342$

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

50

40

30

20

10

0

-2

-1

0

1

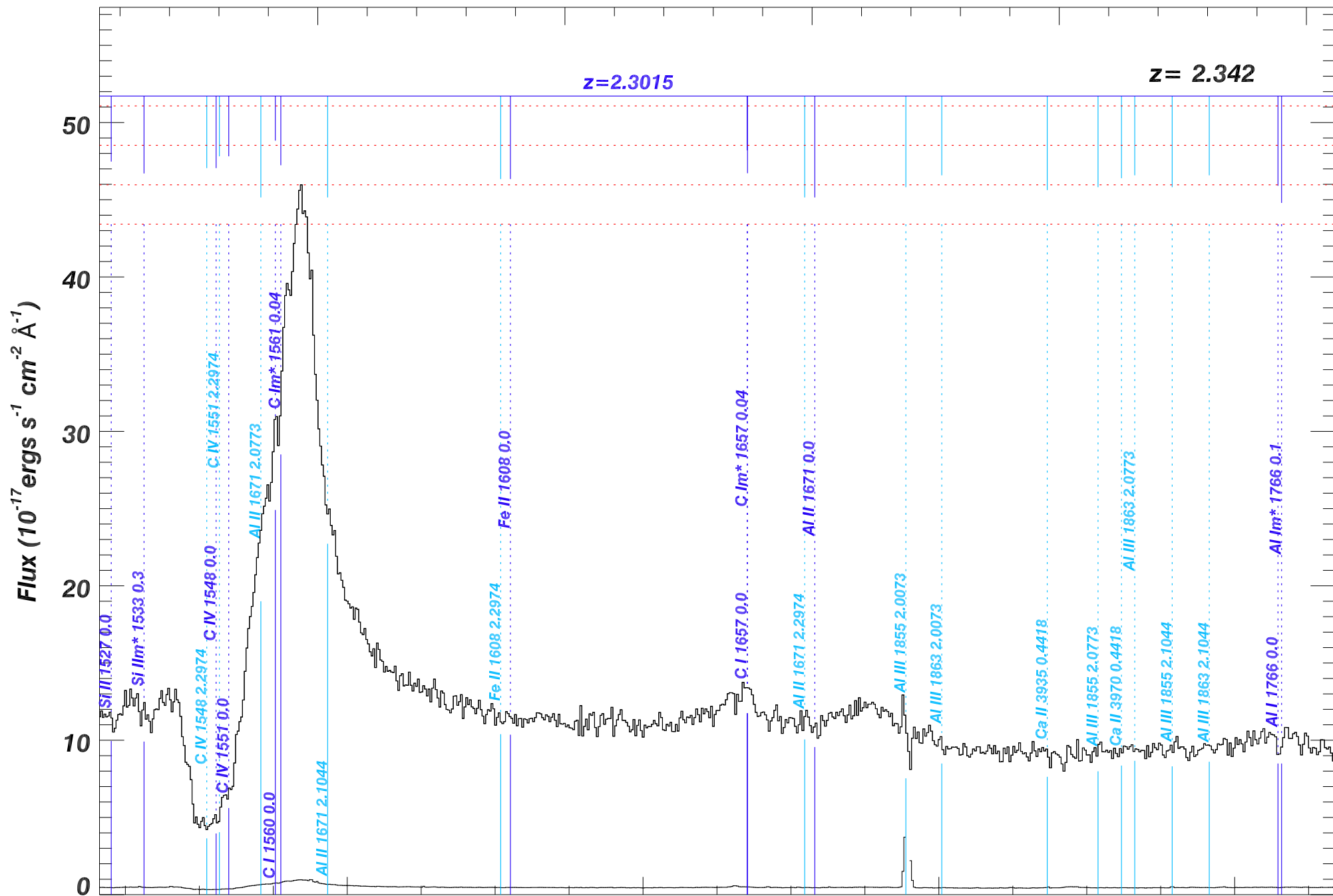
5200

5400

5600

5800

Observed Wavelength (\AA)



SDSS_J1729+2649_MJD55711

Rest Wavelength (\AA)

1750

1800

1850

1900

1950

$z=2.3015$

$z=2.342$

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

20

15

10

5

0

-2

-1

0

1

5800

6000

6200

6400

6600

Observed Wavelength (\AA)

Al III 1863 2.1044

Al I 1766 0.0

Ca II 3935 0.5039

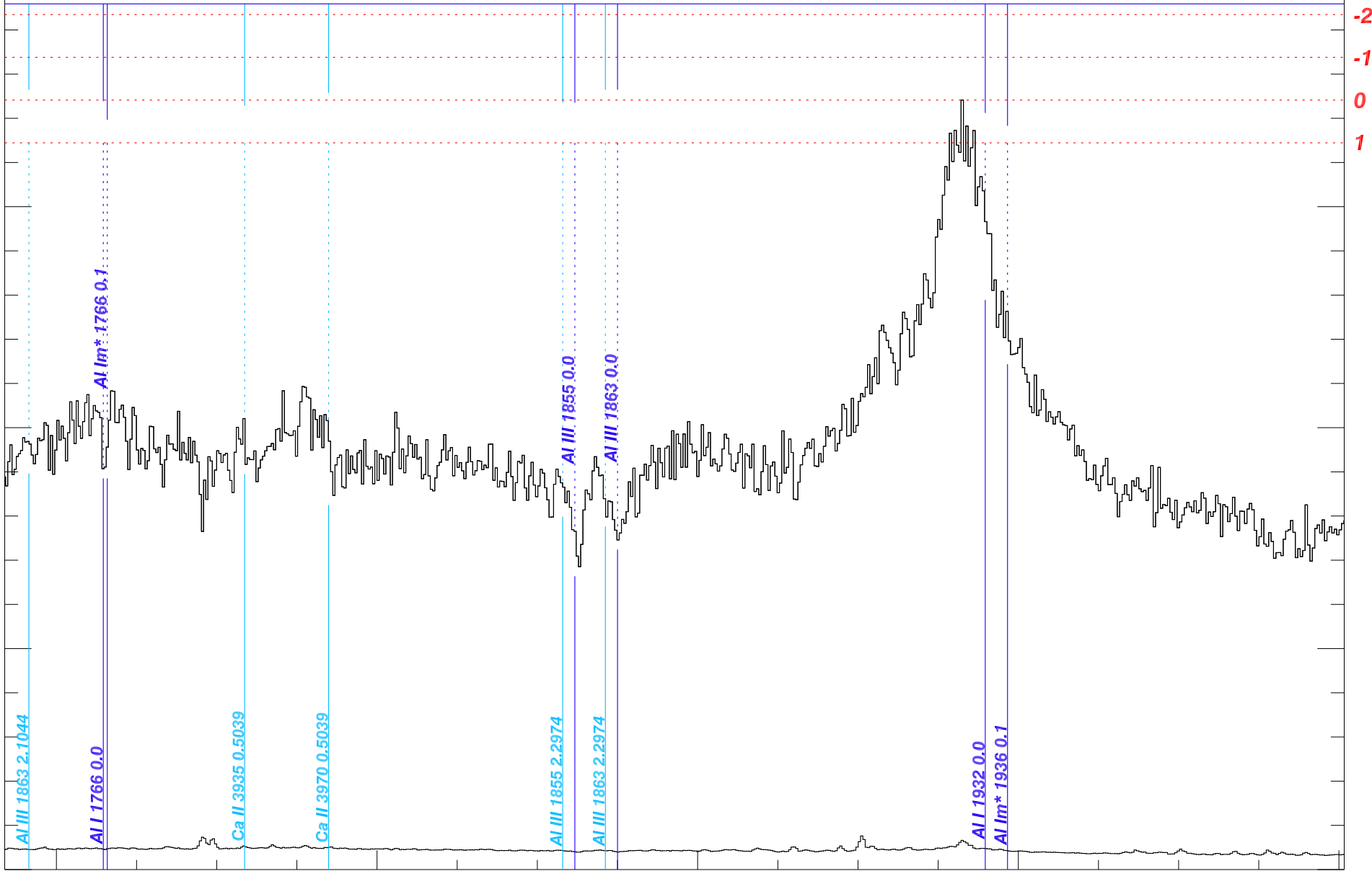
Ca II 3970 0.5039

Al III 1855 2.2974

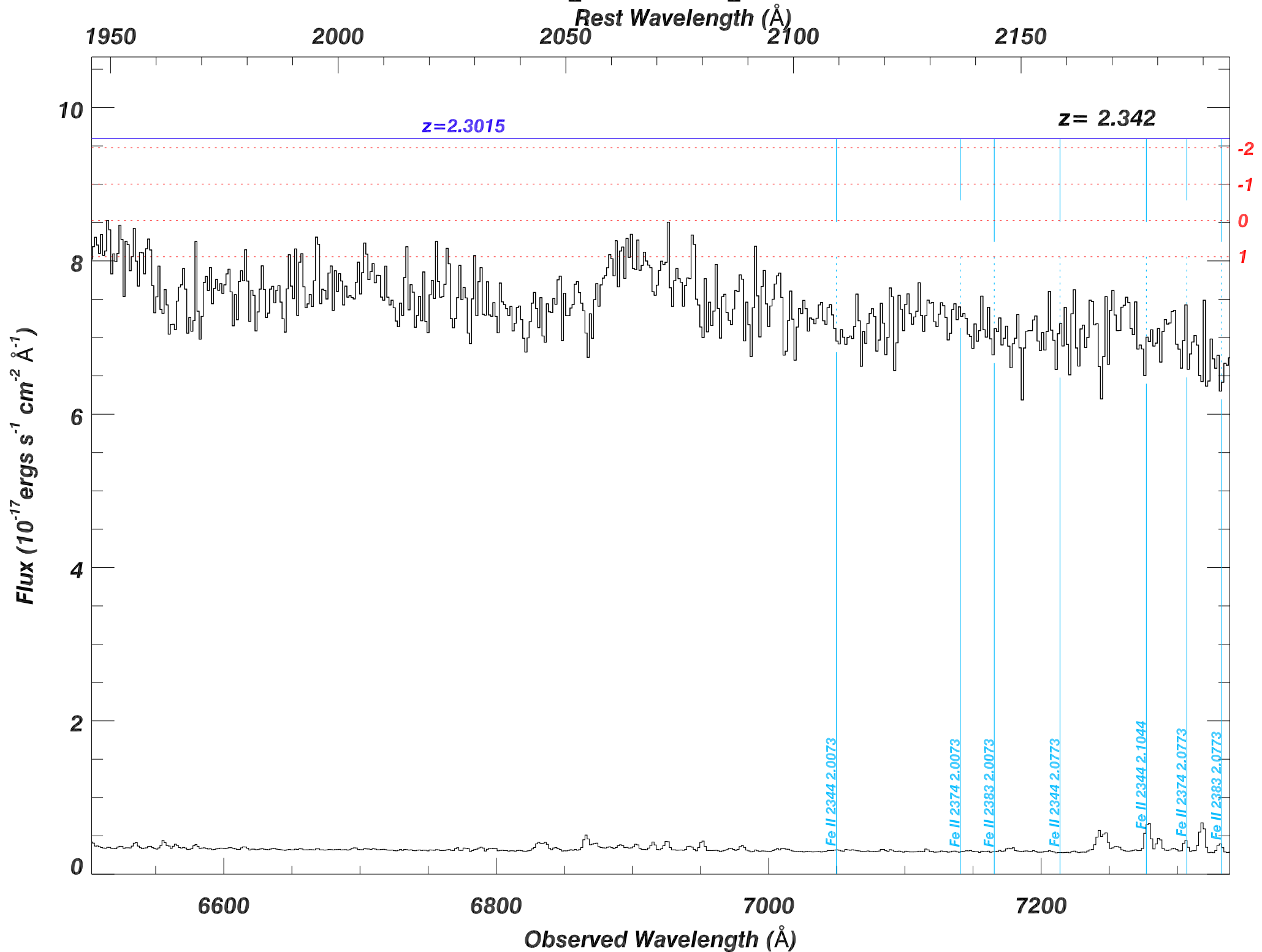
Al III 1863 2.2974

Al I 1932 0.0

Al Im* 1936 0.1



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Rest Wavelength (\AA)

2200

2250

2300

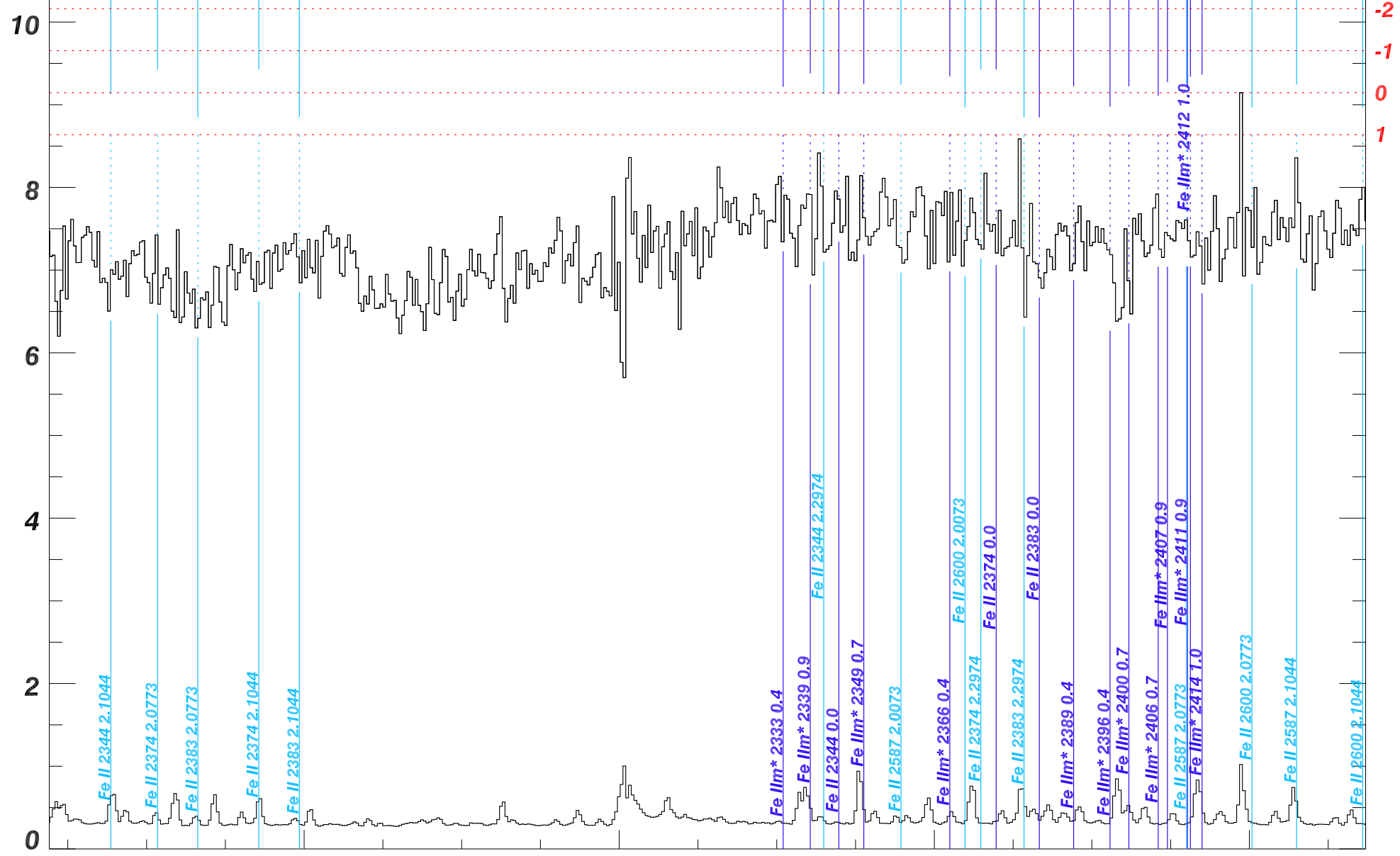
2350

2400

$z=2.3015$

$z=2.342$

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



7400

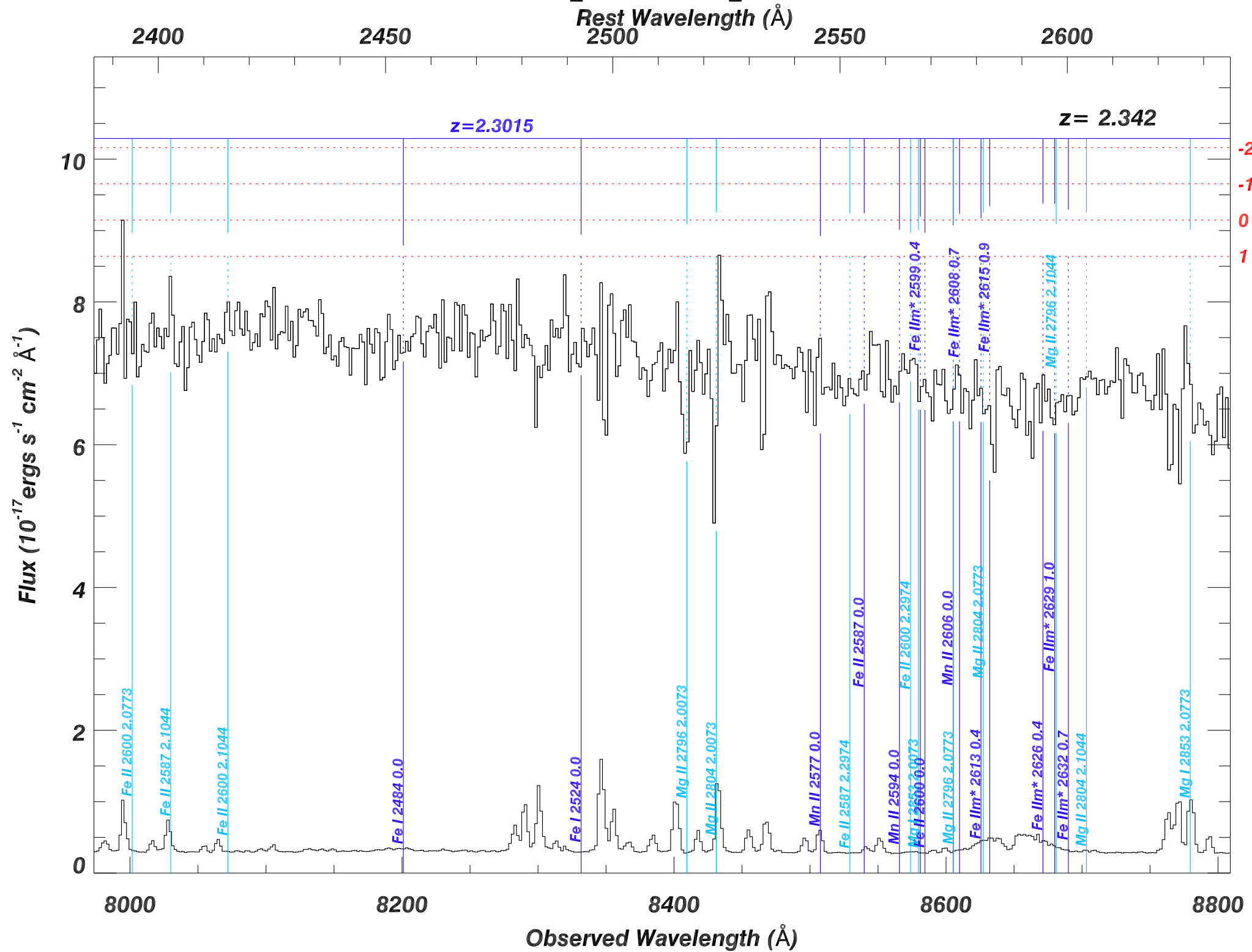
7600

7800

8000

Observed Wavelength (\AA)

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SDSS_J1729+2649_MJD55711

Rest Wavelength (\AA)

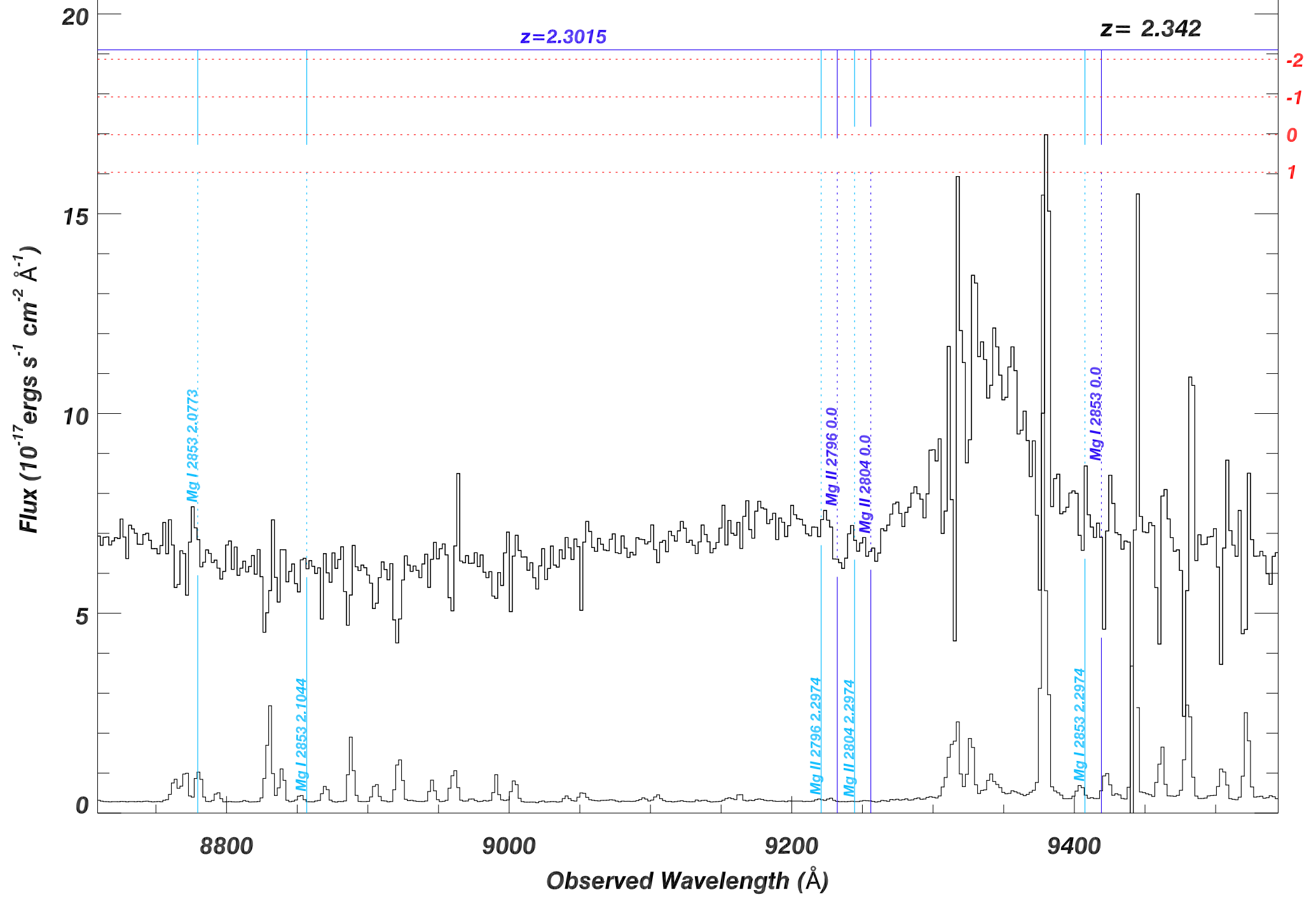
2650

2700

2750

2800

2850



SDSS_J1729+2649_MJD55711

Rest Wavelength (\AA)

2850

2900

2950

3000

3050

$z=2.3015$

$z = 2.342$

-2

-1

0

1

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

15

10

5

0

He I m* 2946.159.9

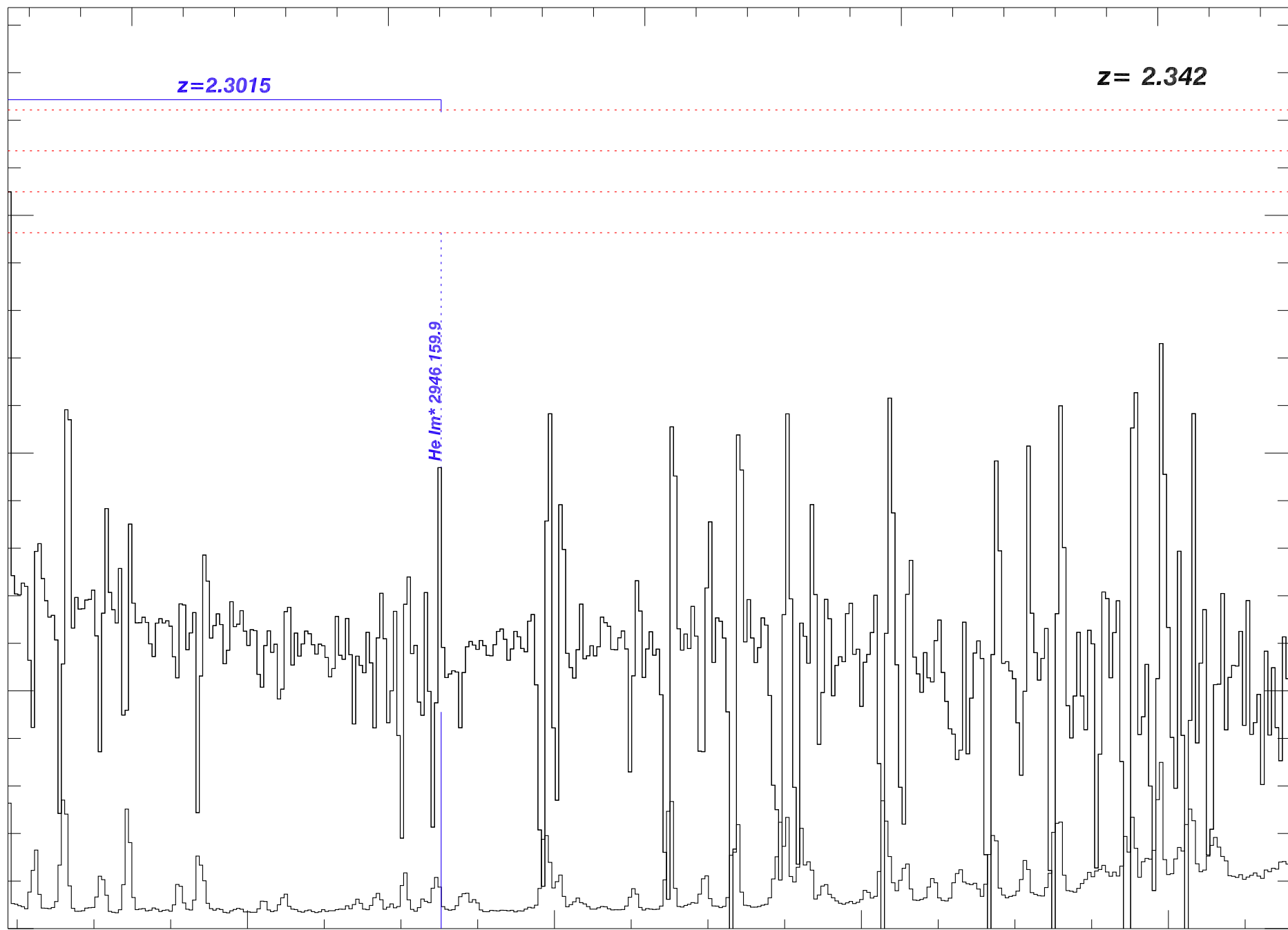
9.60×10^3

9.80×10^3

1.00×10^4

1.02×10^4

Observed Wavelength (\AA)



SDSS_J1729+2649_MJD55711

Rest Wavelength (\AA)

3100

3200

3300

3400

z = 2.342

