

SDSS_J1634+4955_MJD57186

Rest Wavelength (\AA)

1500

2000

2500

3000

$z = 2.424$

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

50

40

30

20

10

0

4000

5000

6000

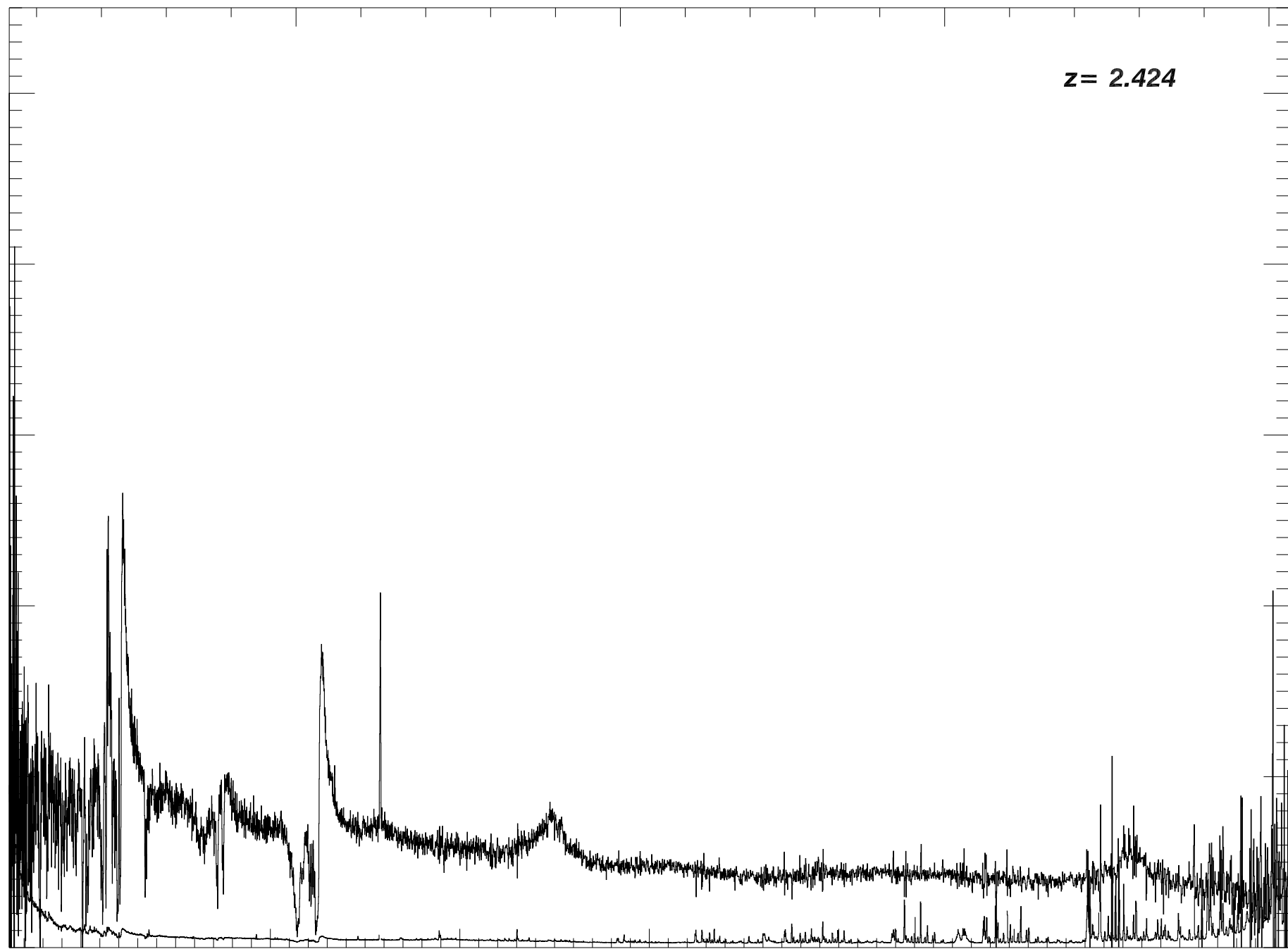
7000

8000

9000

10000

Observed Wavelength (\AA)



SDSS_J1634+4955_MJD57186

Rest Wavelength (\AA)

1300

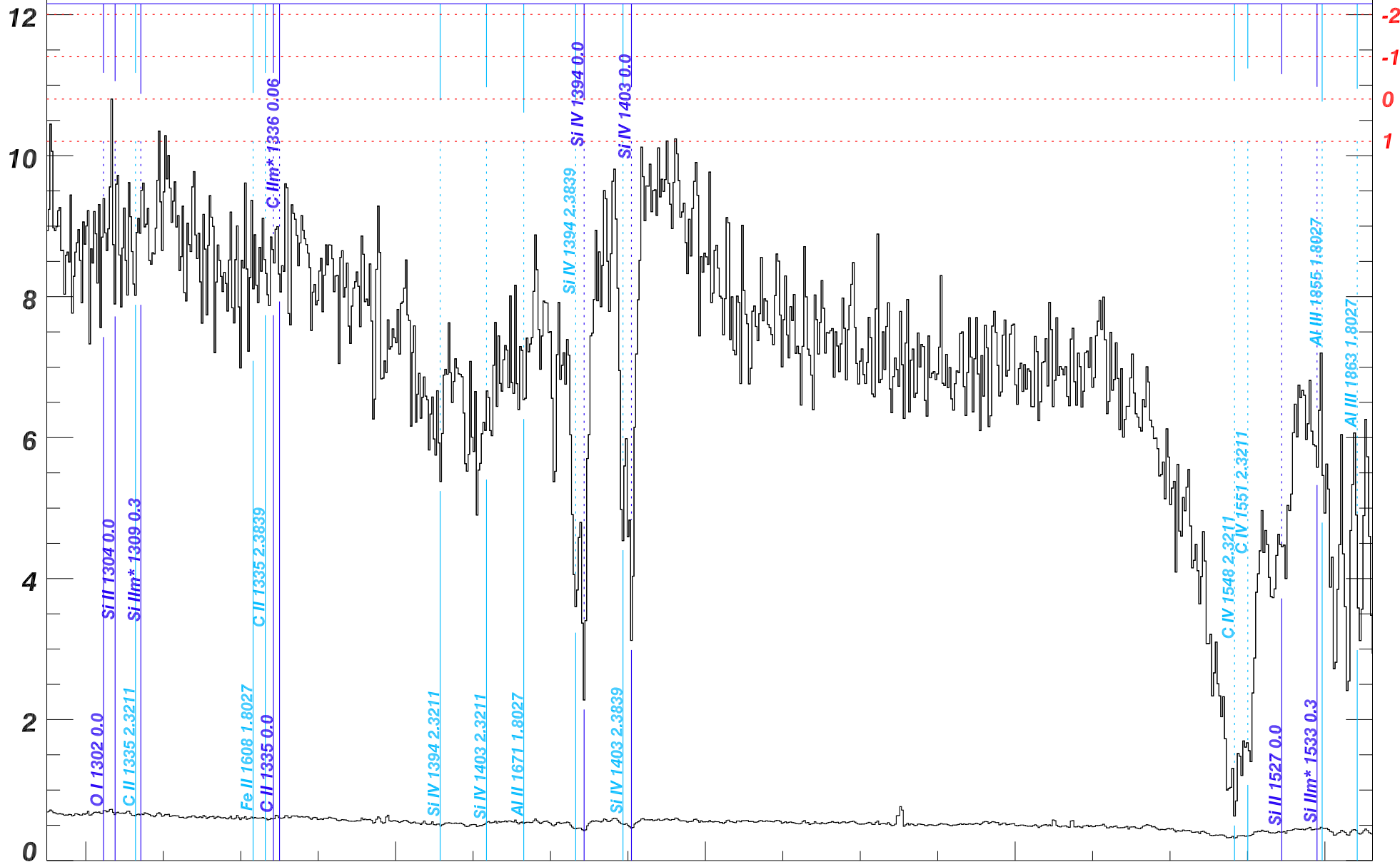
1350

1400

1450

1500

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



4400

4600

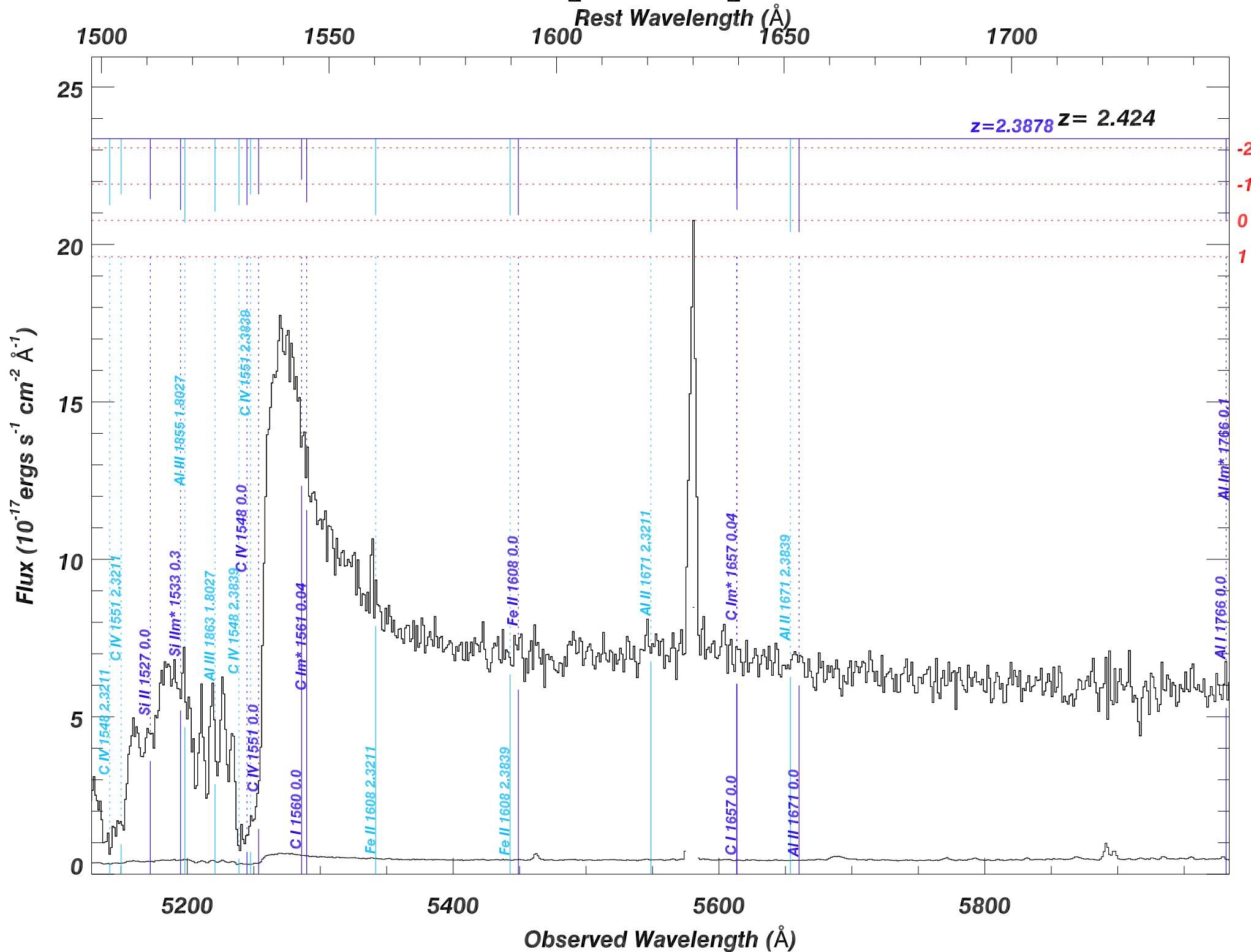
4800

5000

5200

Observed Wavelength (\AA)

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SDSS_J1634+4955_MJD57186

Rest Wavelength (\AA)

1750

1800

1850

1900

1950

10

$z=2.3878$

$z=2.424$

-2

-1

0

1

8

6

4

2

0

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

6000

6200

6400

6600

Observed Wavelength (\AA)

Al I 1766 0.0

Al Im* 1766 0.1

Al III 1855 2.3211

Al III 1863 2.3211

Al III 1855 2.3839

Al III 1863 2.3839

Al III 1855 0.0

Al III 1863 0.0

Al I 1932 0.0

Al Im* 1936 0.1

Fe II 2344 1.8027

Fe II 2374 1.8027

Fe II 2383 1.8027

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Rest Wavelength (\AA)

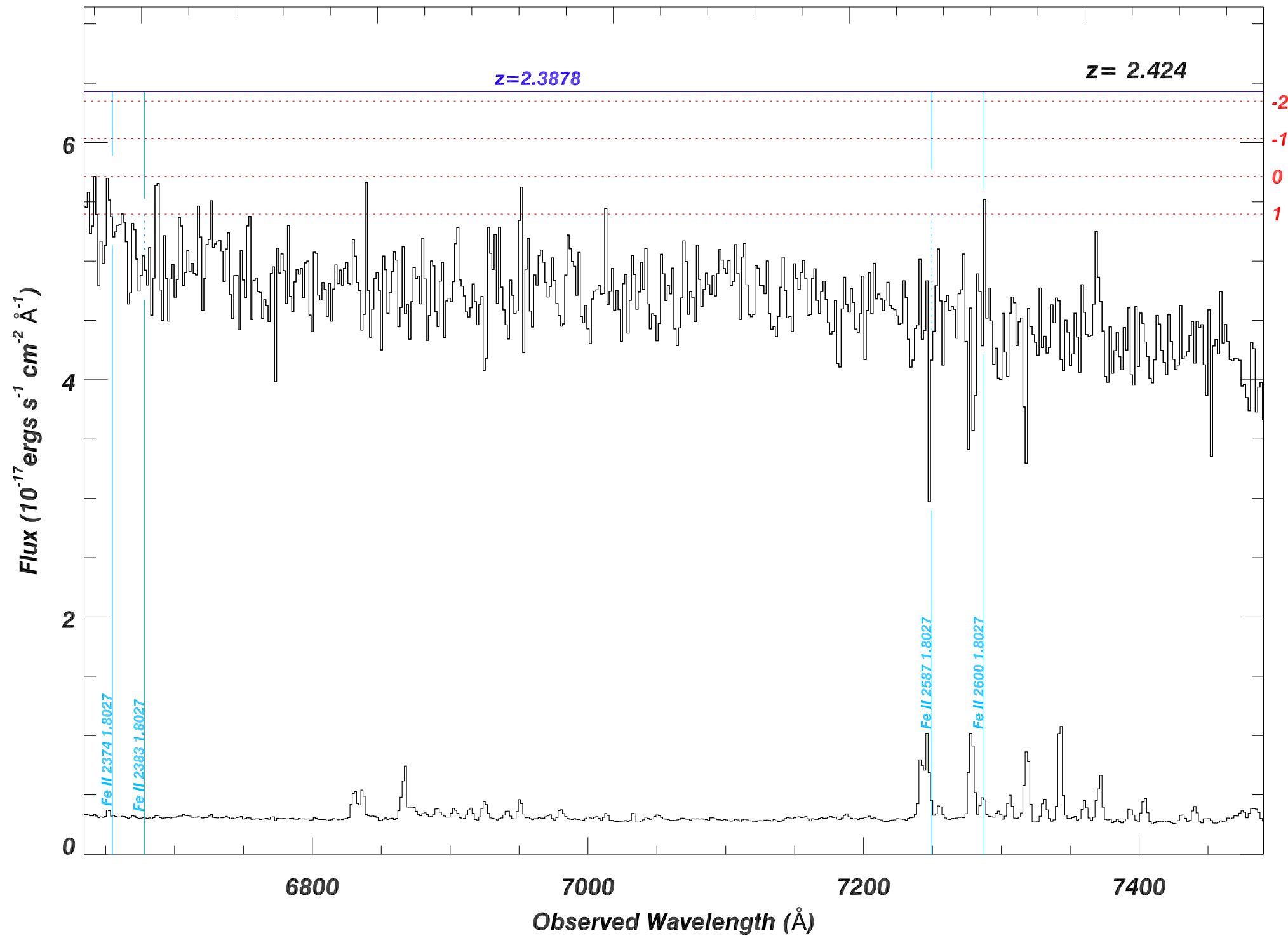
1950

2000

2050

2100

2150



$z=2.3878$

$z=2.424$

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

6
0
-1
-2

6800

7000

7200

7400

Observed Wavelength (\AA)

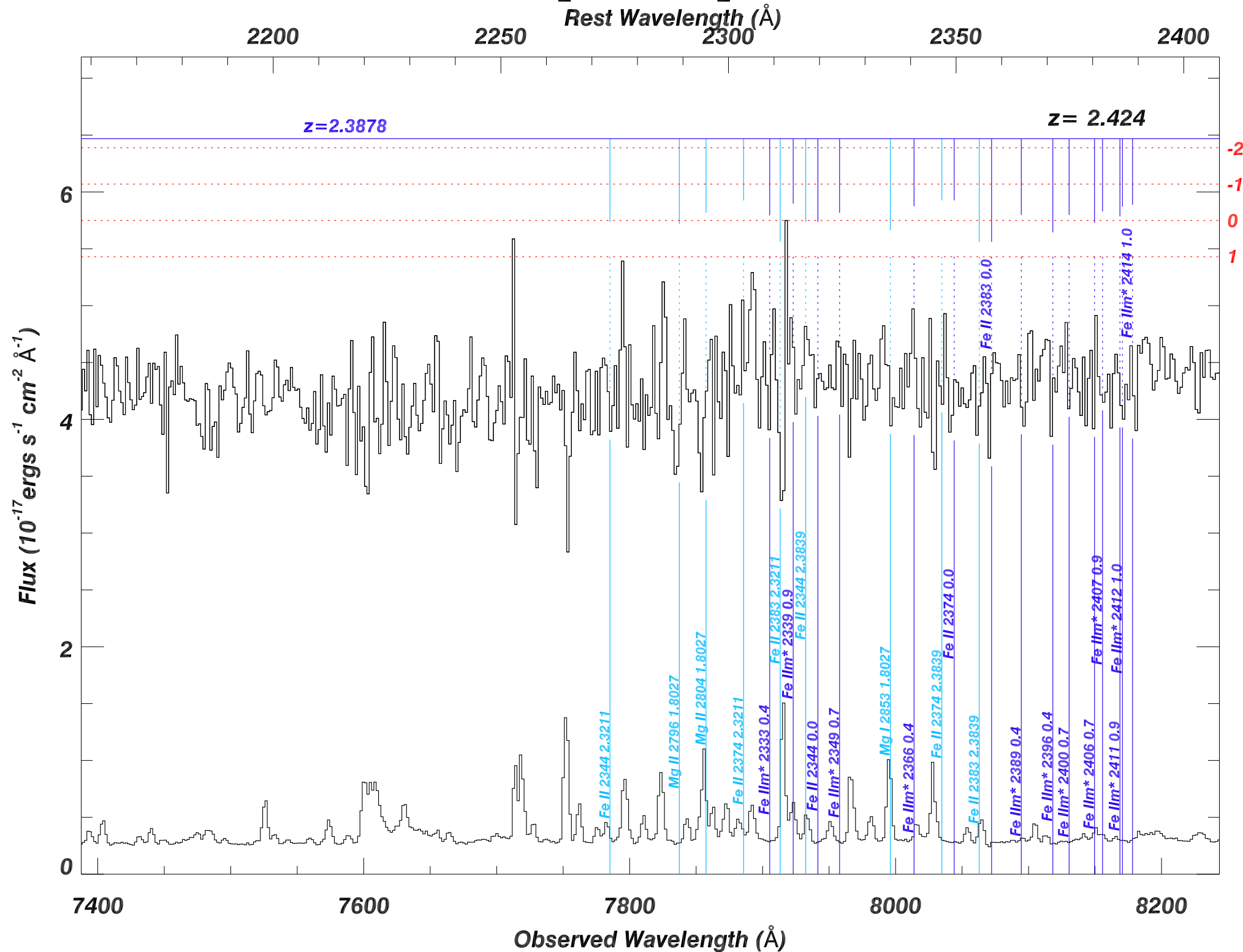
Fe II 2374 \AA

Fe II 2383 \AA

Fe II 2587 \AA

Fe II 2600 \AA

SDSS_J1634+4955_MJD57186



SDSS_J1634+4955_MJD57186

Rest Wavelength (\AA)

2400

2450

2500

2550

2600

$z=2.3878$

$z=2.424$

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

6

4

2

0

-2

-1

0

1

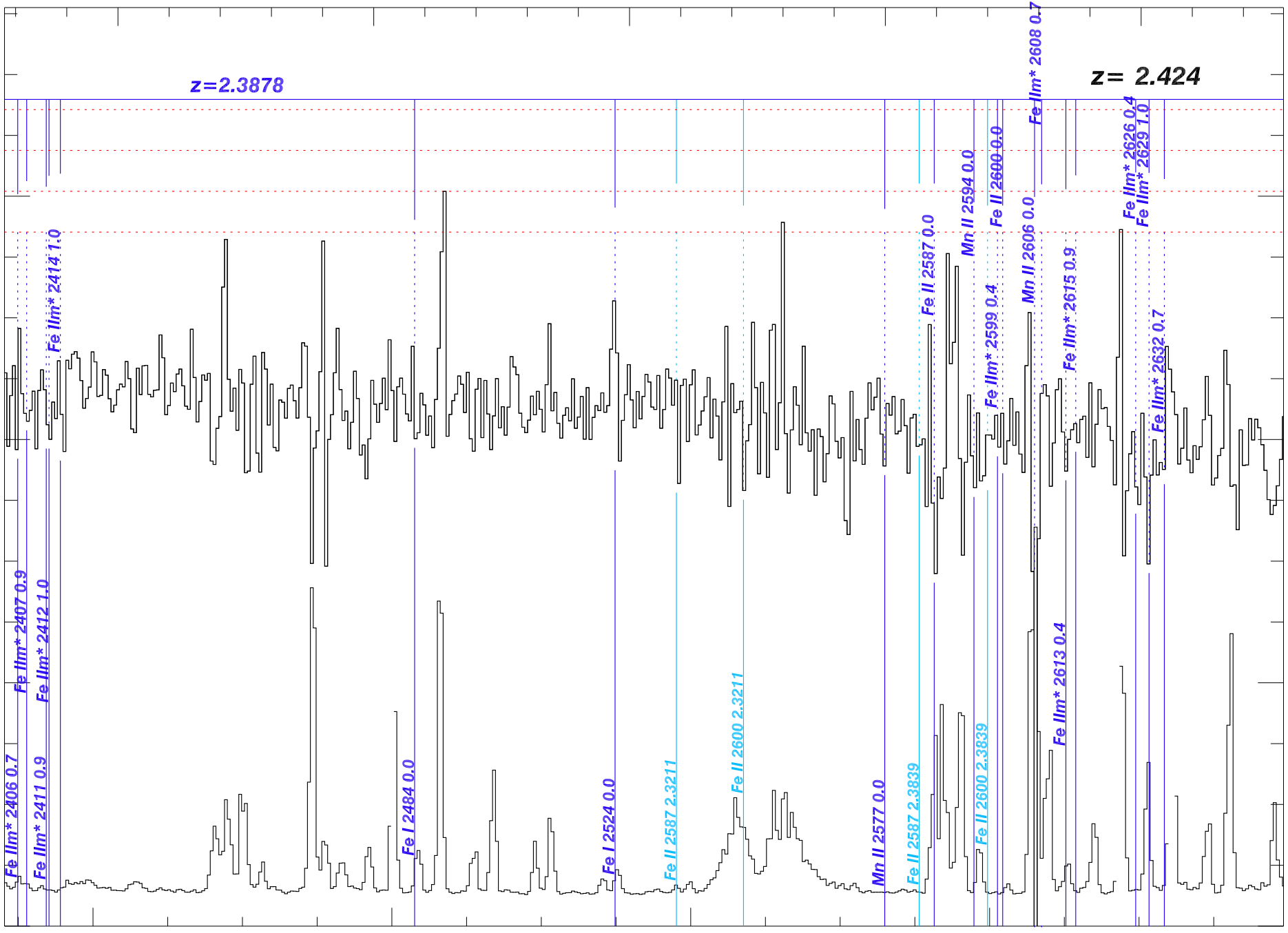
8200

8400

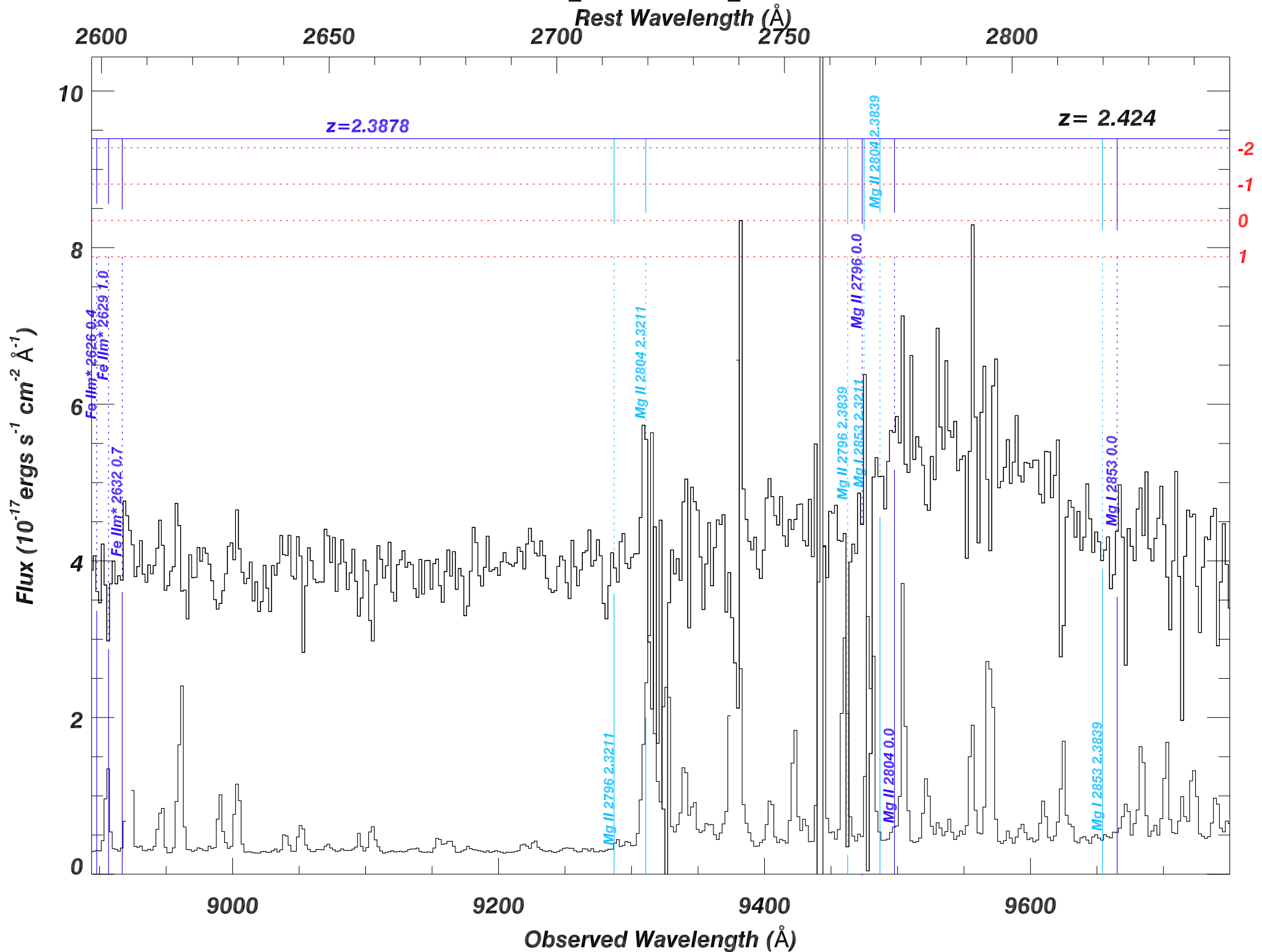
8600

8800

Observed Wavelength (\AA)



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SDSS_J1634+4955_MJD57186

Rest Wavelength (\AA)

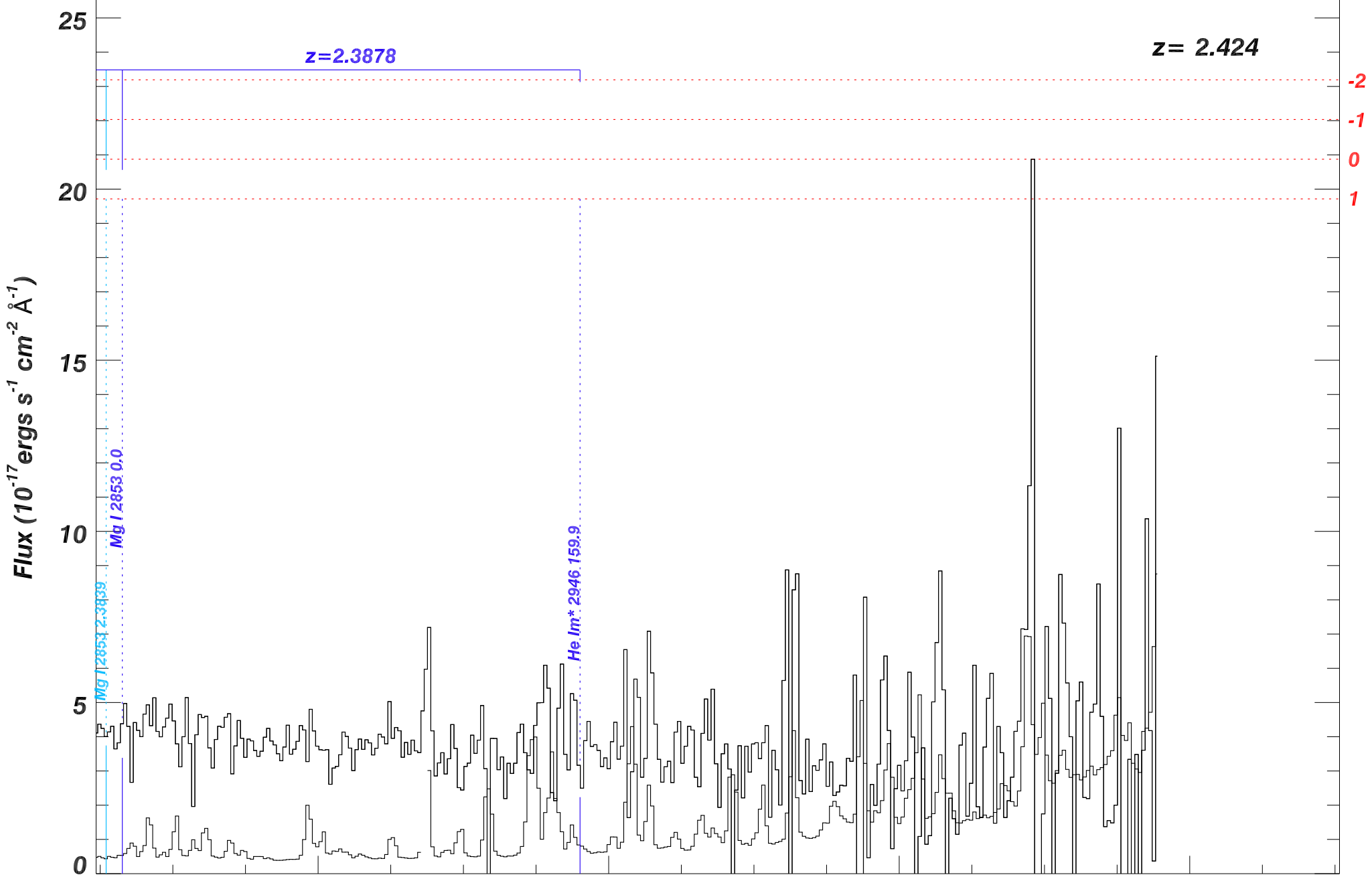
2850

2900

2950

3000

3050



$z = 2.3878$

$z = 2.424$

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

9.80×10^3

1.00×10^4

1.02×10^4

1.04×10^4

Observed Wavelength (\AA)