

SDSS_J1054+0150_MJD55648

Rest Wavelength (\AA)

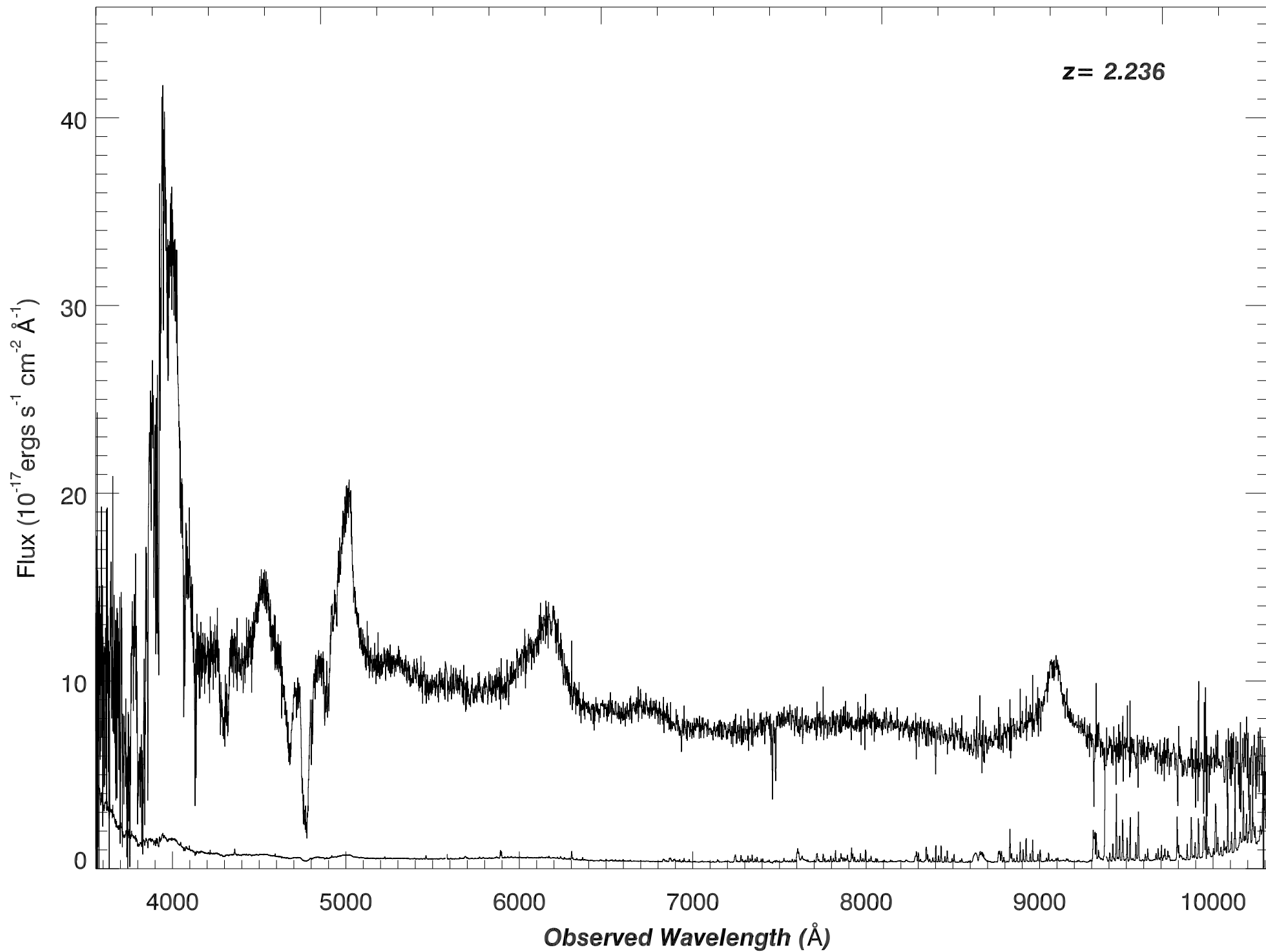
1500

2000

2500

3000

$z = 2.236$



SDSS_J1054+0150_MJD55648

Rest Wavelength (Å)

1350

1400

1450

1500

1550

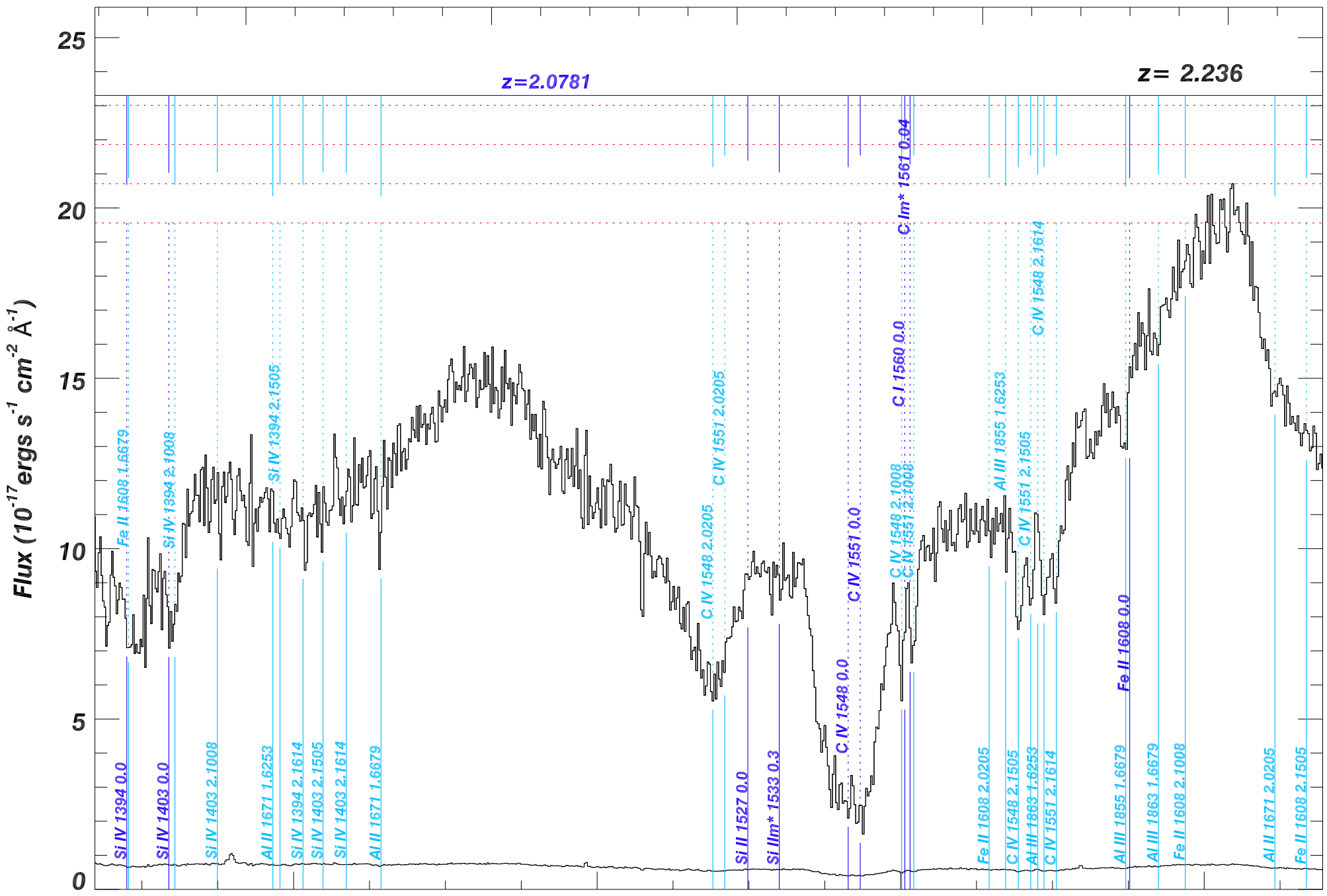
Flux (10^{-17} ergs s^{-1} cm^{-2} Å $^{-1}$)

25
20
15
10
5
0

$z=2.0781$

$z= 2.236$

-2
-1
0
1



4400

4600

4800

5000

Observed Wavelength (Å)

SDSS_J1054+0150_MJD55648

Rest Wavelength (\AA)

1550

1600

1650

1700

1750

25

20

15

10

5

0

$z=2.0781$

$z=2.236$

-2

-1

0

1

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

5000

5200

5400

5600

Observed Wavelength (\AA)

Fe II 1608 2.1008

Al II 1671 2.0205

Fe II 1608 2.1505

Fe II 1608 2.1614

C I 1657 0.04

Al II 1671 0.0

Al II 1671 2.1008

Al II 1671 2.1505

Al II 1671 2.1614

Al I 1766 0.0

Al III 1855 2.0205

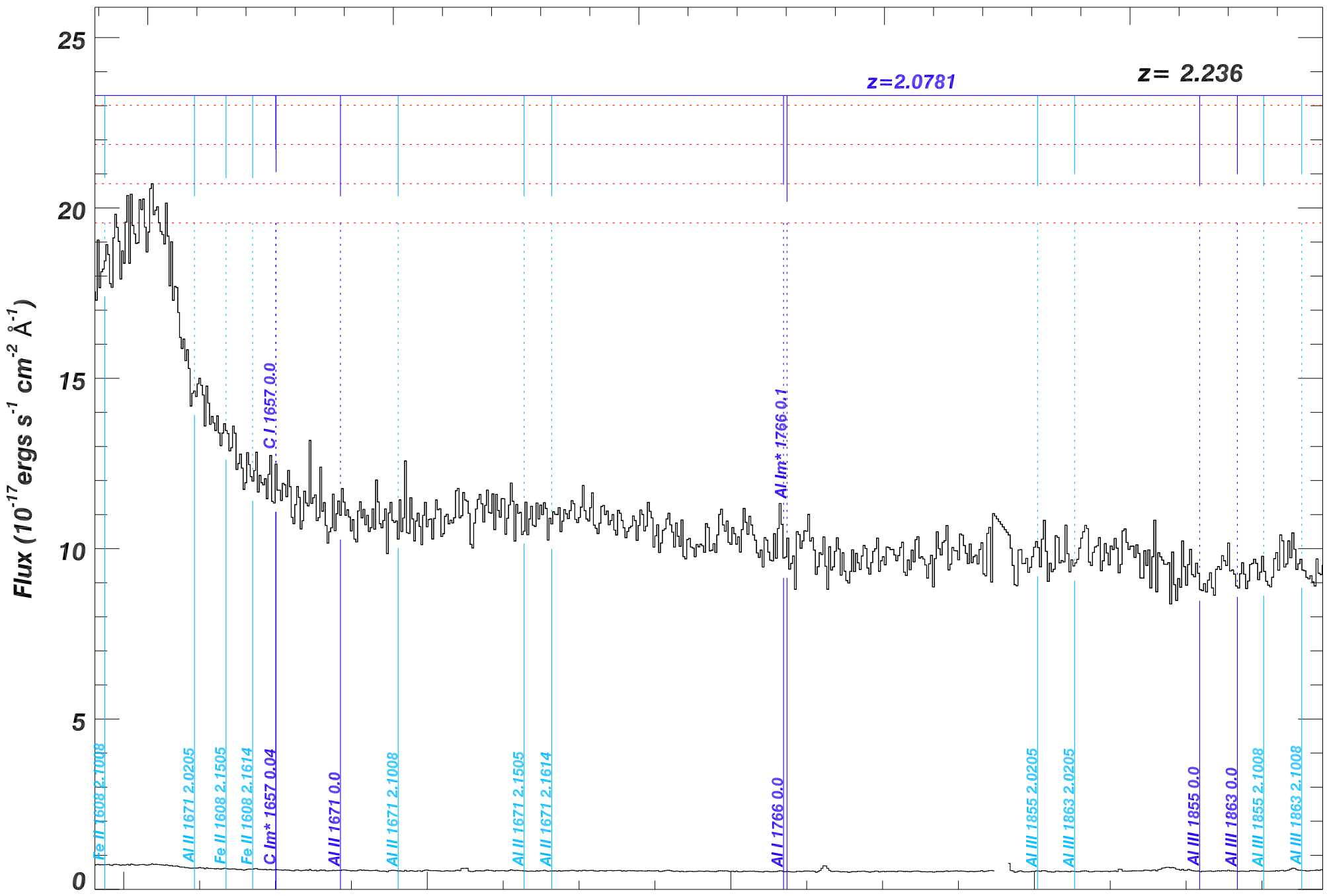
Al III 1863 2.0205

Al III 1855 0.0

Al III 1863 0.0

Al III 1855 2.1008

Al III 1863 2.1008



SDSS_J1054+0150_MJD55648

Rest Wavelength (\AA)

1800

1850

1900

1950

2000

$z=2.0781$

$z= 2.236$

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

15

10

5

0

-2
-1
0
1

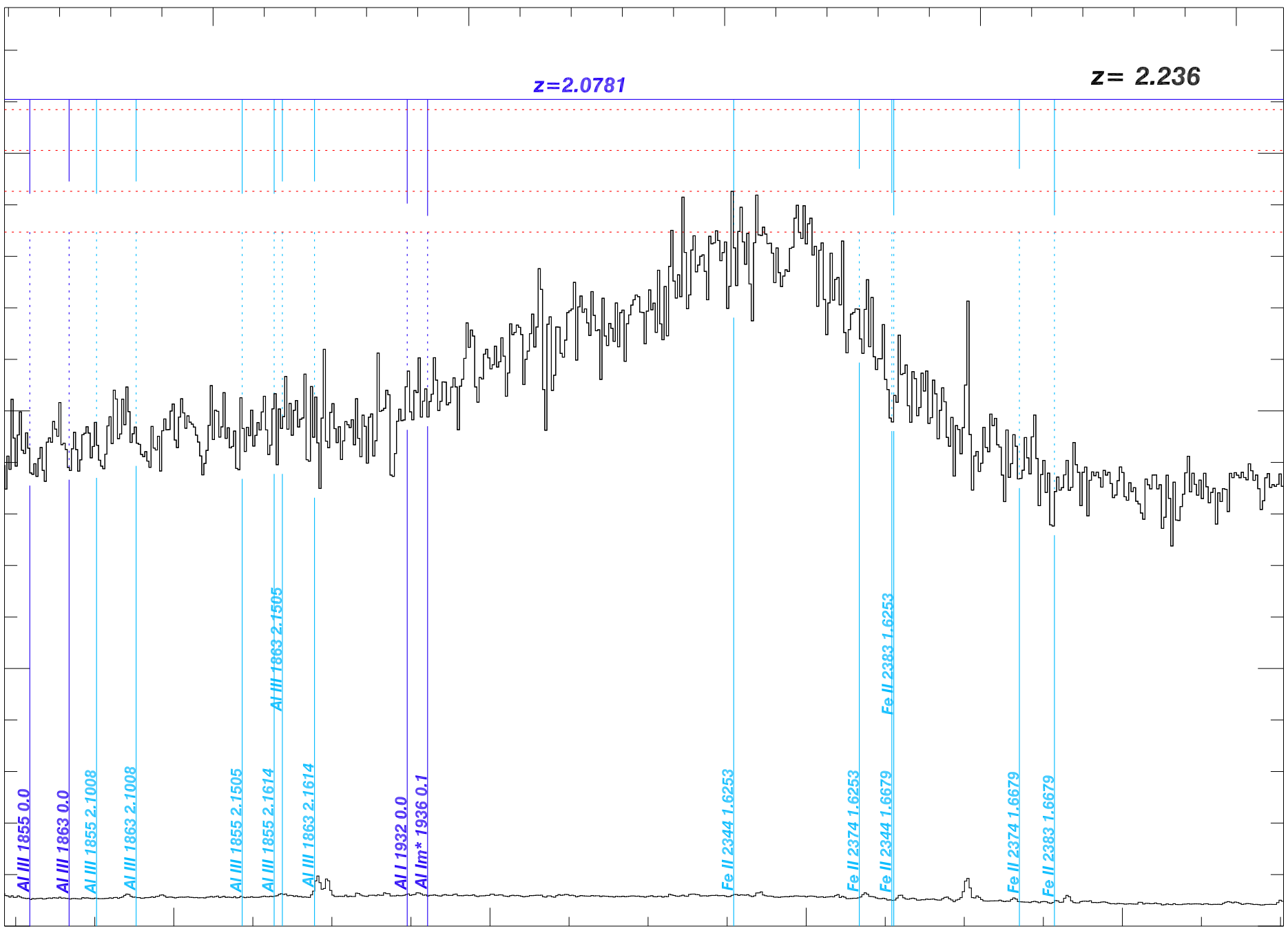
5800

6000

6200

6400

Observed Wavelength (\AA)



SDSS_J1054+0150_MJD55648

Rest Wavelength (\AA)

2000

2050

2100

2150

2200

12

10

8

6

4

2

0

$z=2.0781$

$z= 2.236$

-2

-1

0

1

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

Fe II 2587 1.6253

Fe II 2600 1.6253

Fe II 2587 1.6679

Fe II 2600 1.6679

Fe II 2344 2.0205

Fe II 2374 2.0205

Fe II^{*} 2333 0.4

Fe II^{*} 2339 0.9

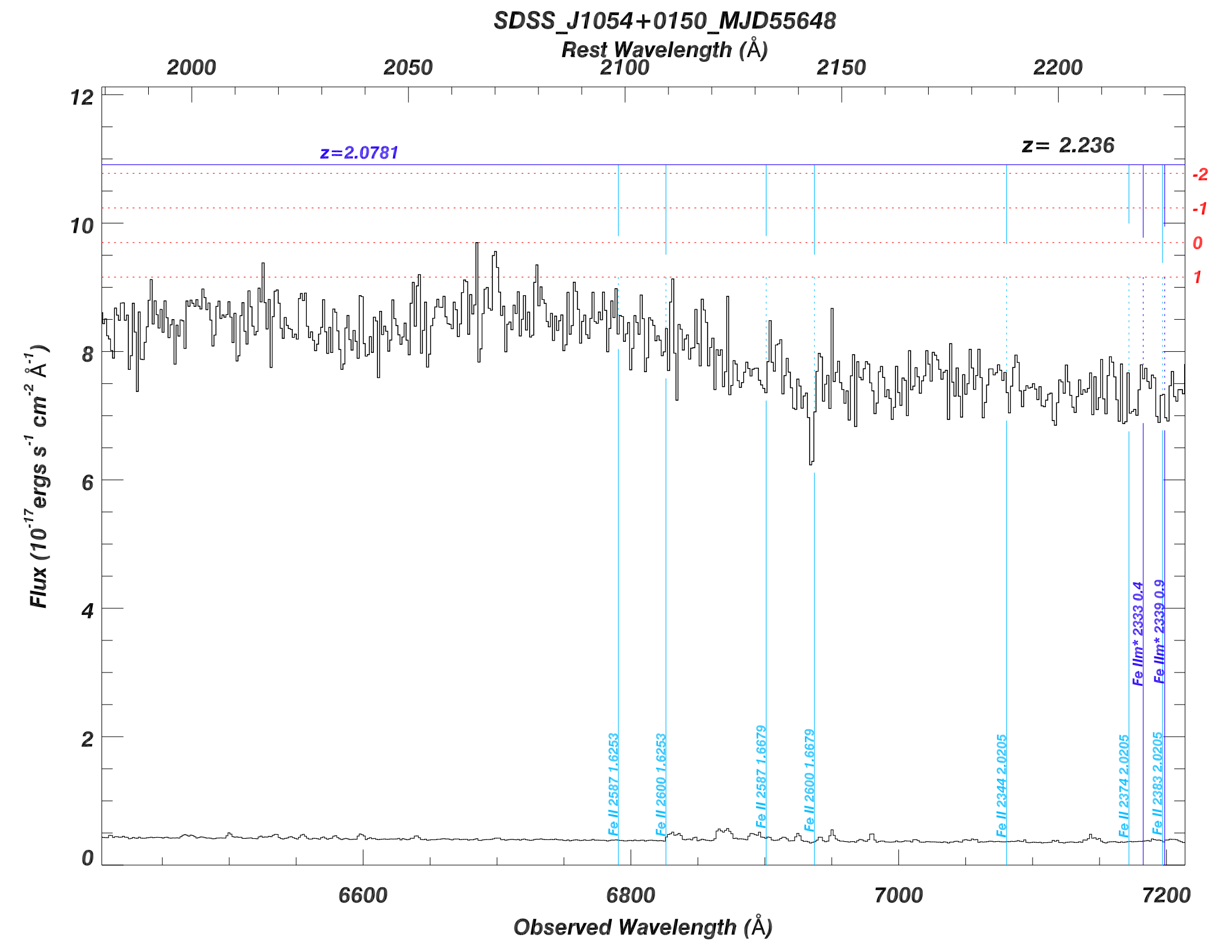
6600

6800

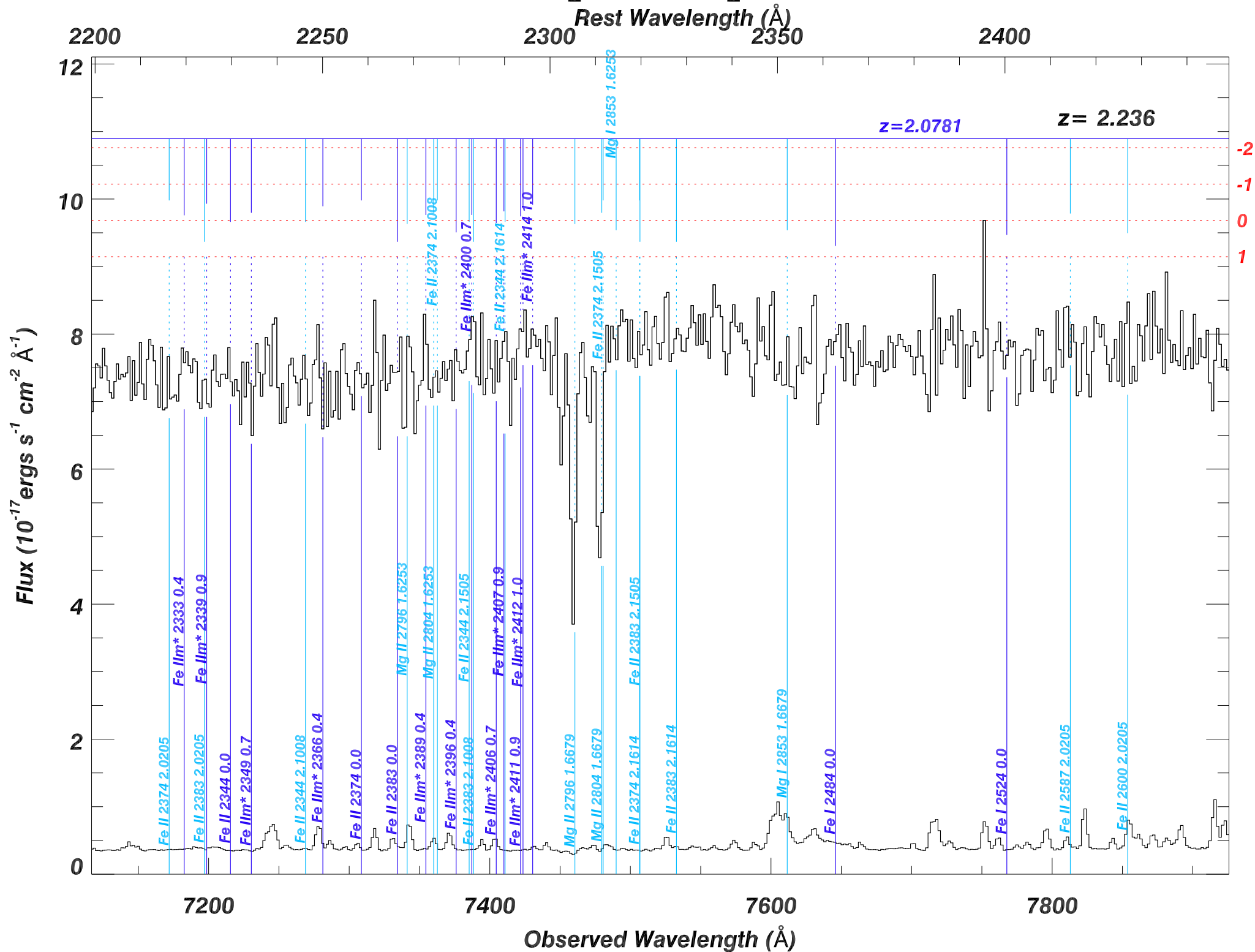
7000

7200

Observed Wavelength (\AA)



SDSS_J1054+0150_MJD55648



SDSS_J1054+0150_MJD55648

Rest Wavelength (\AA)

2450

2500

2550

2600

2650

$z=2.0781$

$z=2.236$

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

10

8

6

4

2

0

-2

-1

0

1

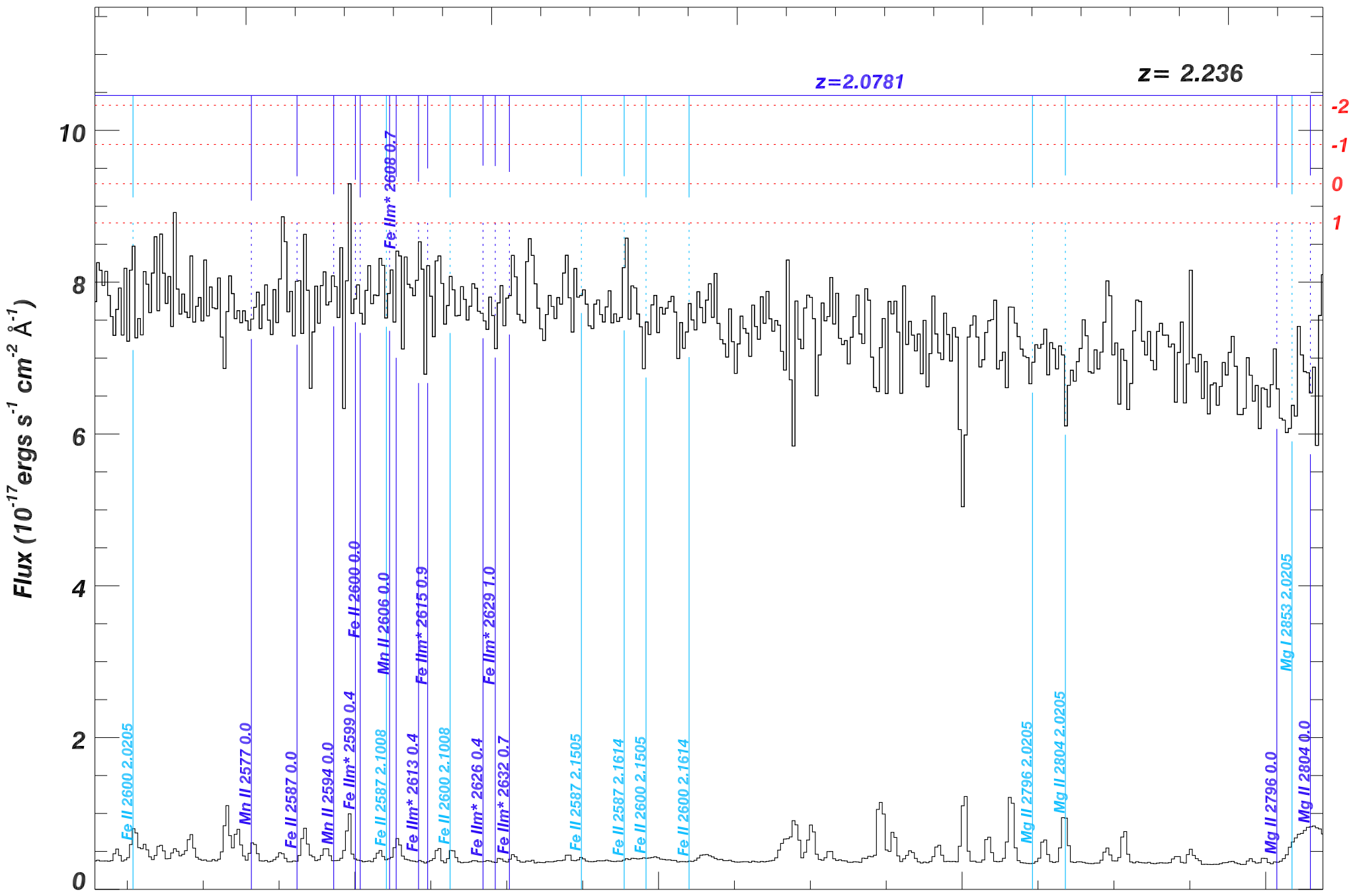
8000

8200

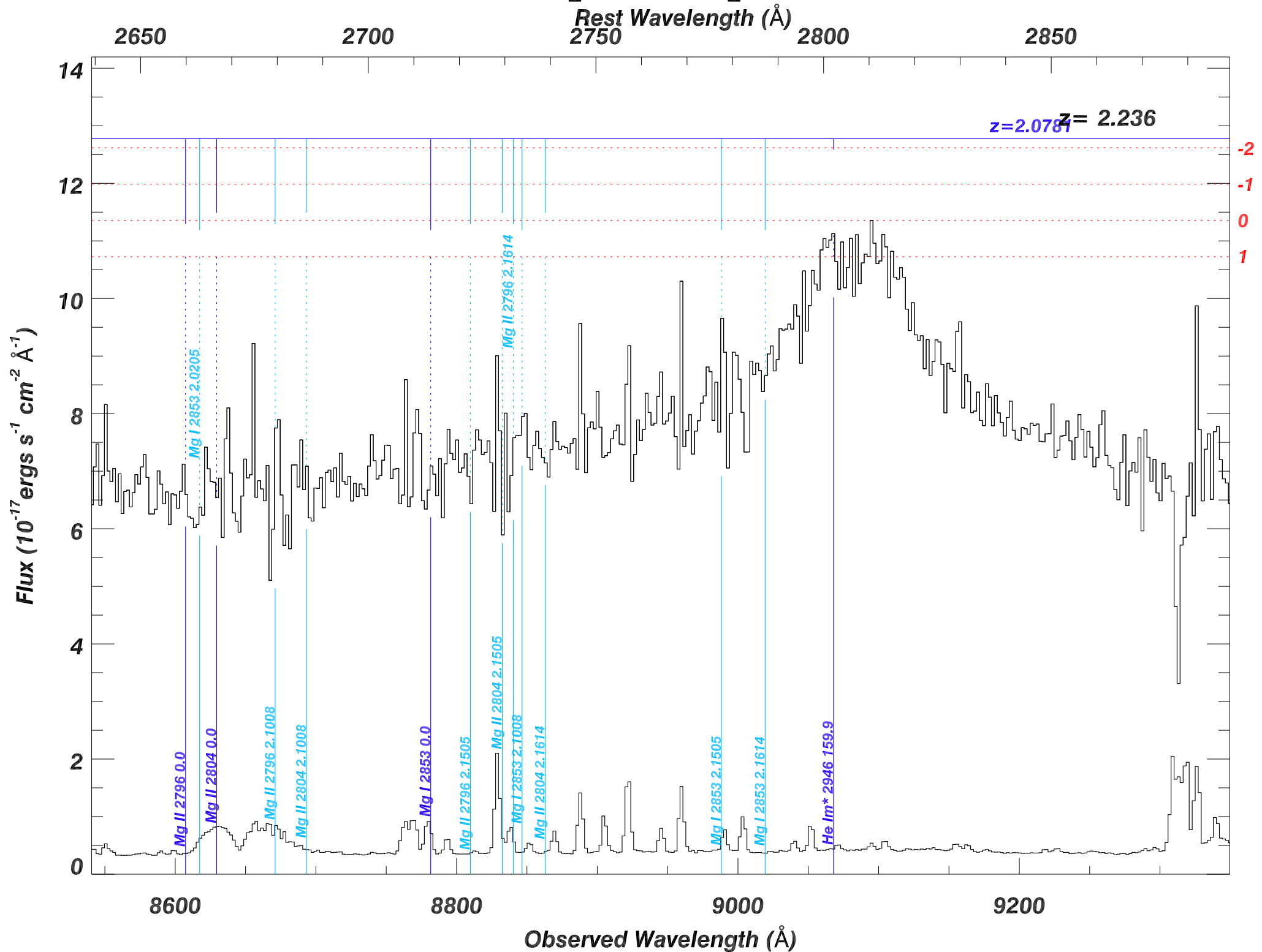
8400

8600

Observed Wavelength (\AA)

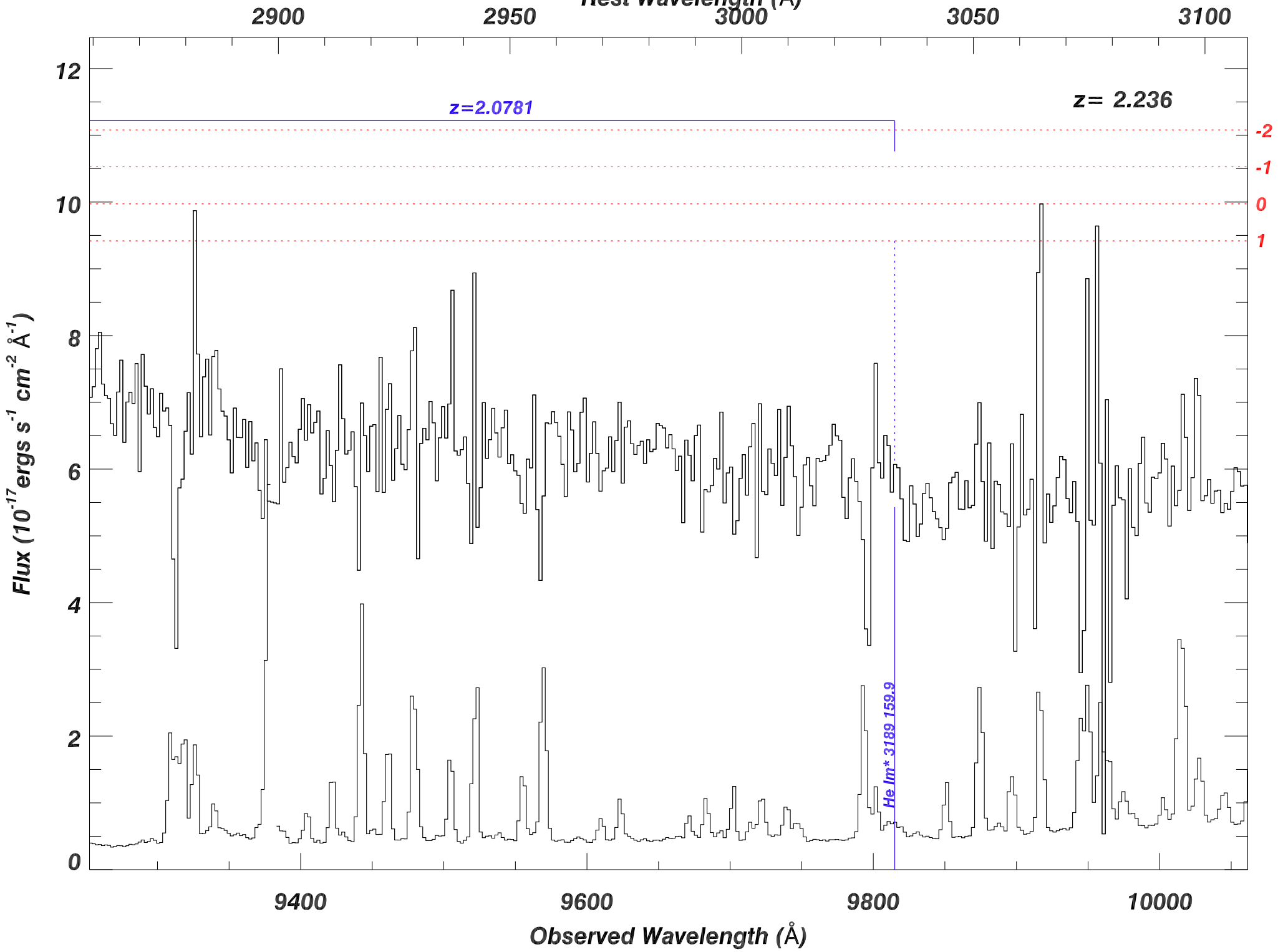


SDSS_J1054+0150_MJD55648



SDSS_J1054+0150_MJD55648

Rest Wavelength (\AA)



SDSS_J1054+0150_MJD55648

Rest Wavelength (Å)

3100

3200

3300

3400

z = 2.236

Flux (10⁻¹⁷ ergs s⁻¹ cm⁻² Å⁻¹)

12

10

8

6

4

2

0

-2
-1
0
1

1.00 × 10⁴

1.02 × 10⁴

1.04 × 10⁴

1.06 × 10⁴

1.08 × 10⁴

1.10 × 10⁴

1.12 × 10⁴

Observed Wavelength (Å)

