

**SDSS\_J1218+3730\_MJD57457**

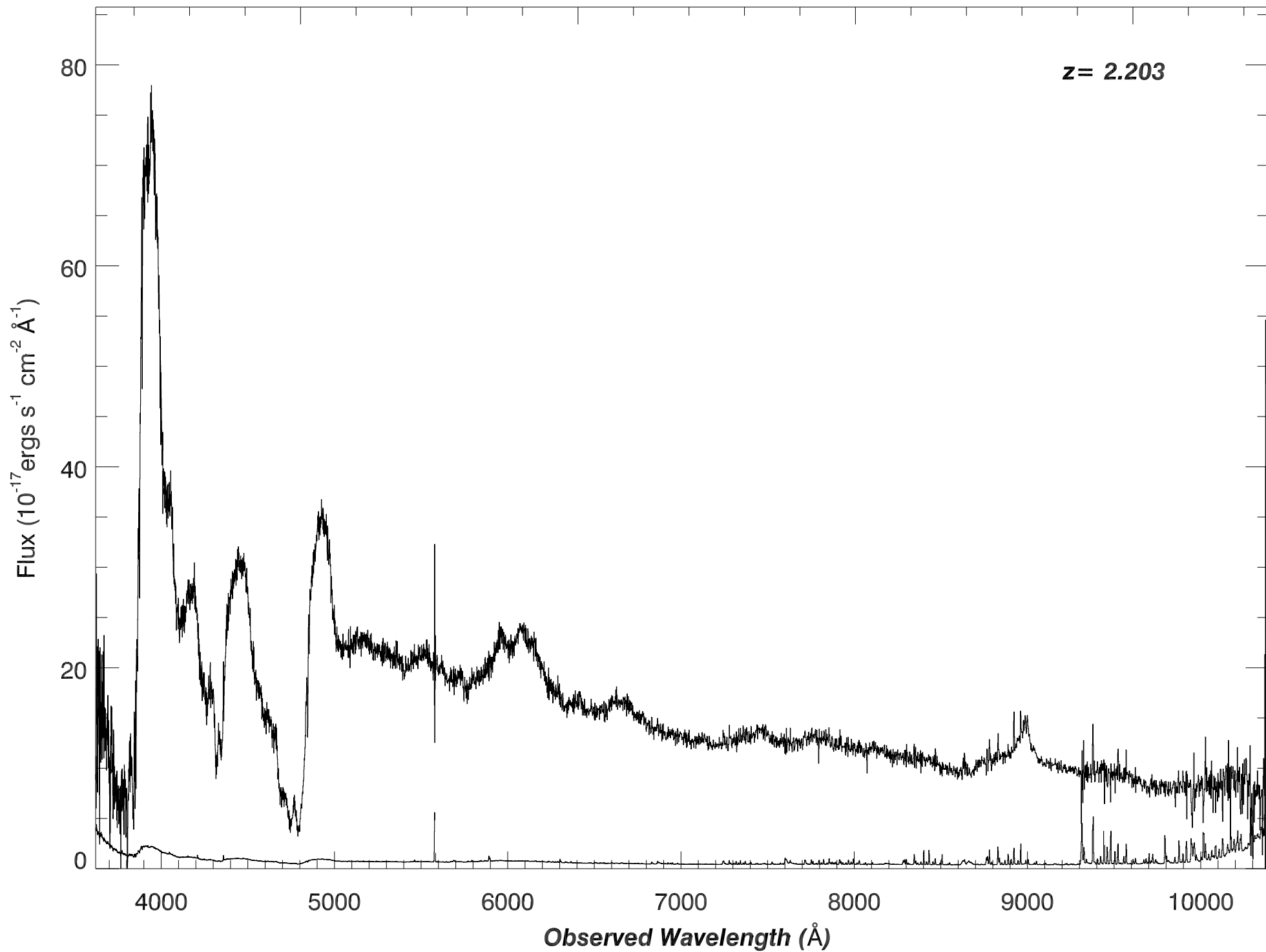
**Rest Wavelength ( $\text{\AA}$ )**  
2000

1500

2500

3000

**$z = 2.203$**



## SDSS\_J1218+3730\_MJD57457

Rest Wavelength ( $\text{\AA}$ )

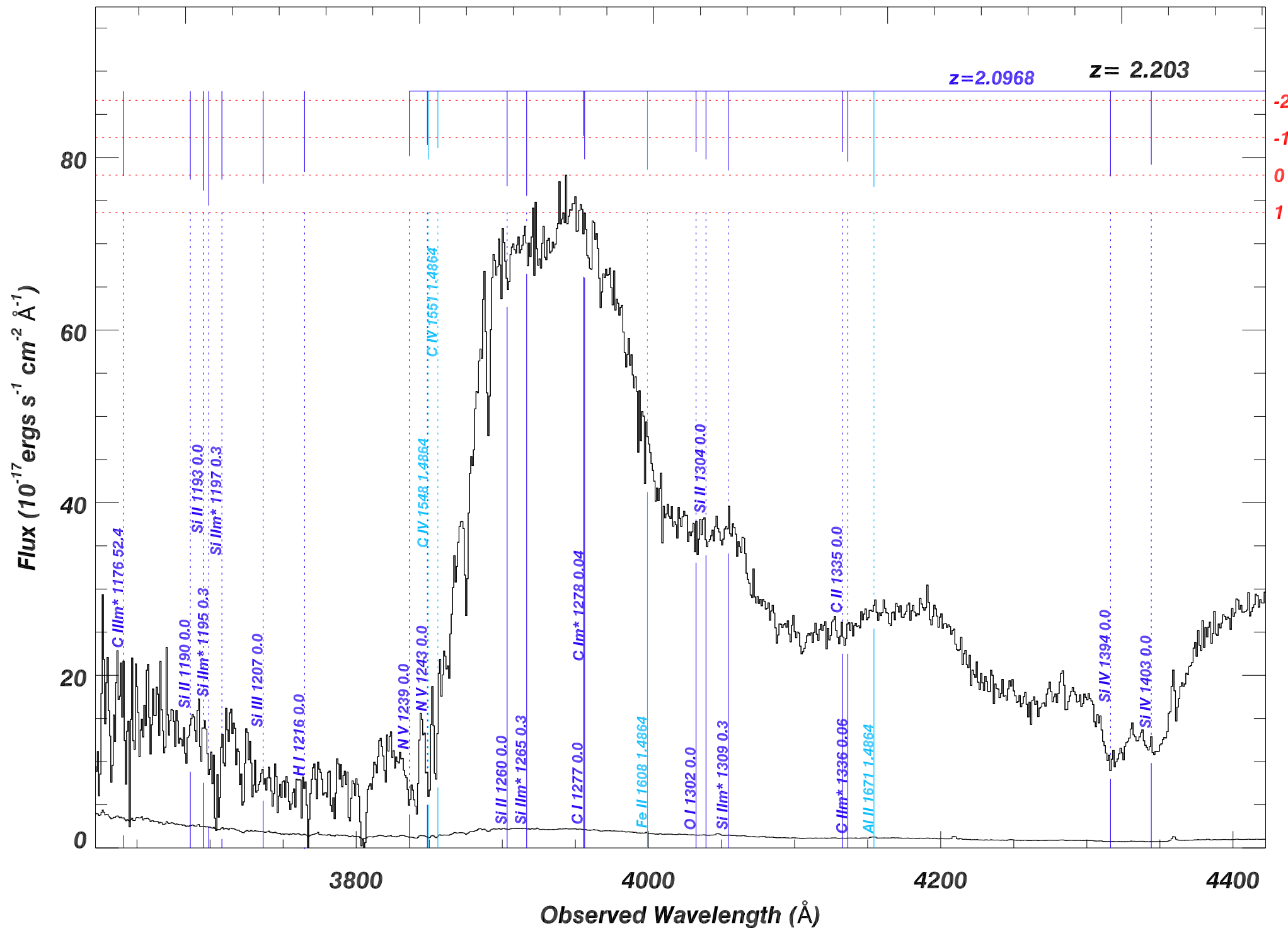
1150

1200

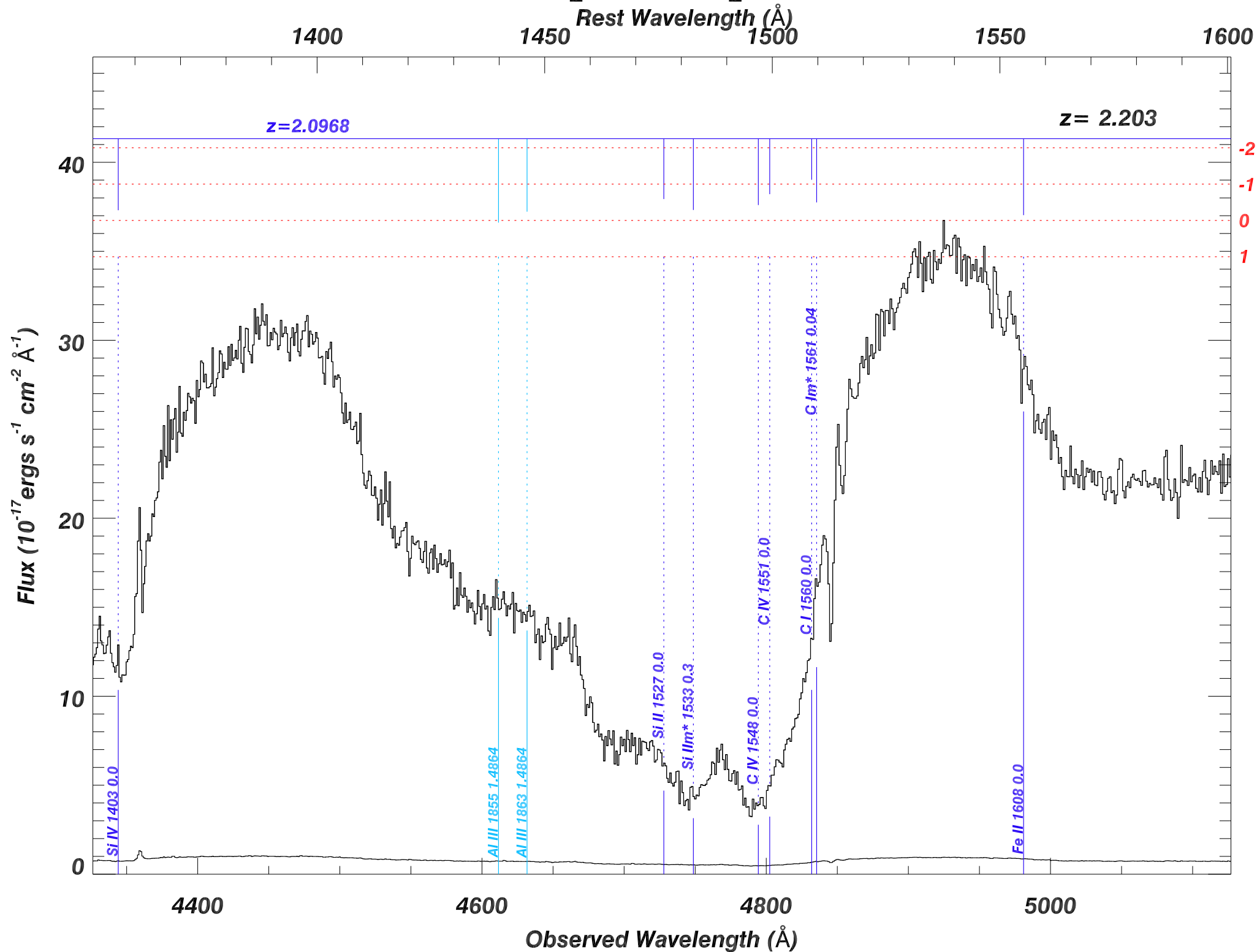
1250

1300

1350



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Rest Wavelength ( $\text{\AA}$ )

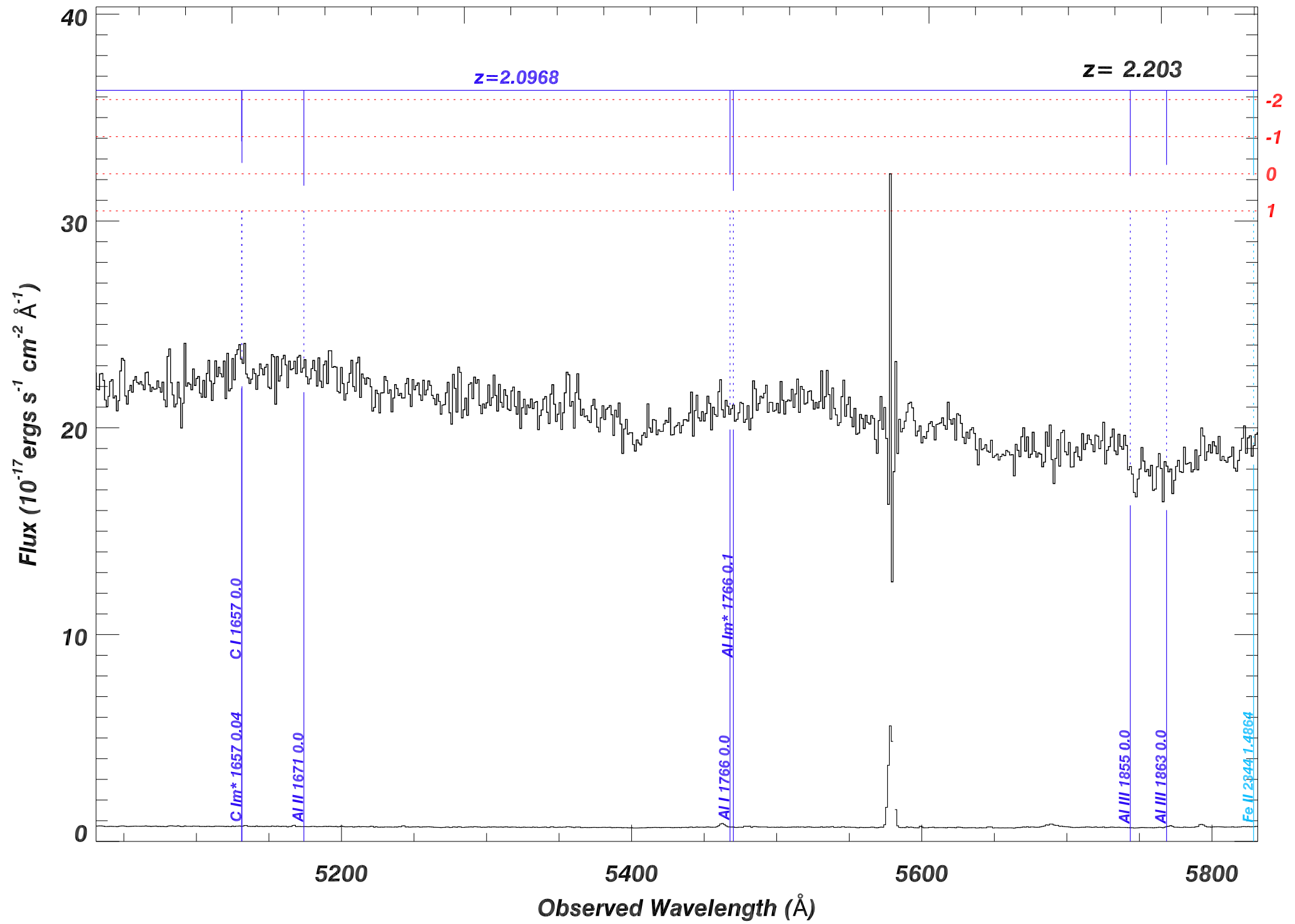
1600

1650

1700

1750

1800



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

Observed Wavelength ( $\text{\AA}$ )

40  
30  
20  
10  
0

5200

5400

5600

5800

$z=2.0968$

$z=2.203$

-2  
-1  
0  
1

C I 1657 0.04

Al II 1671 0.0

Al I 1766 0.0

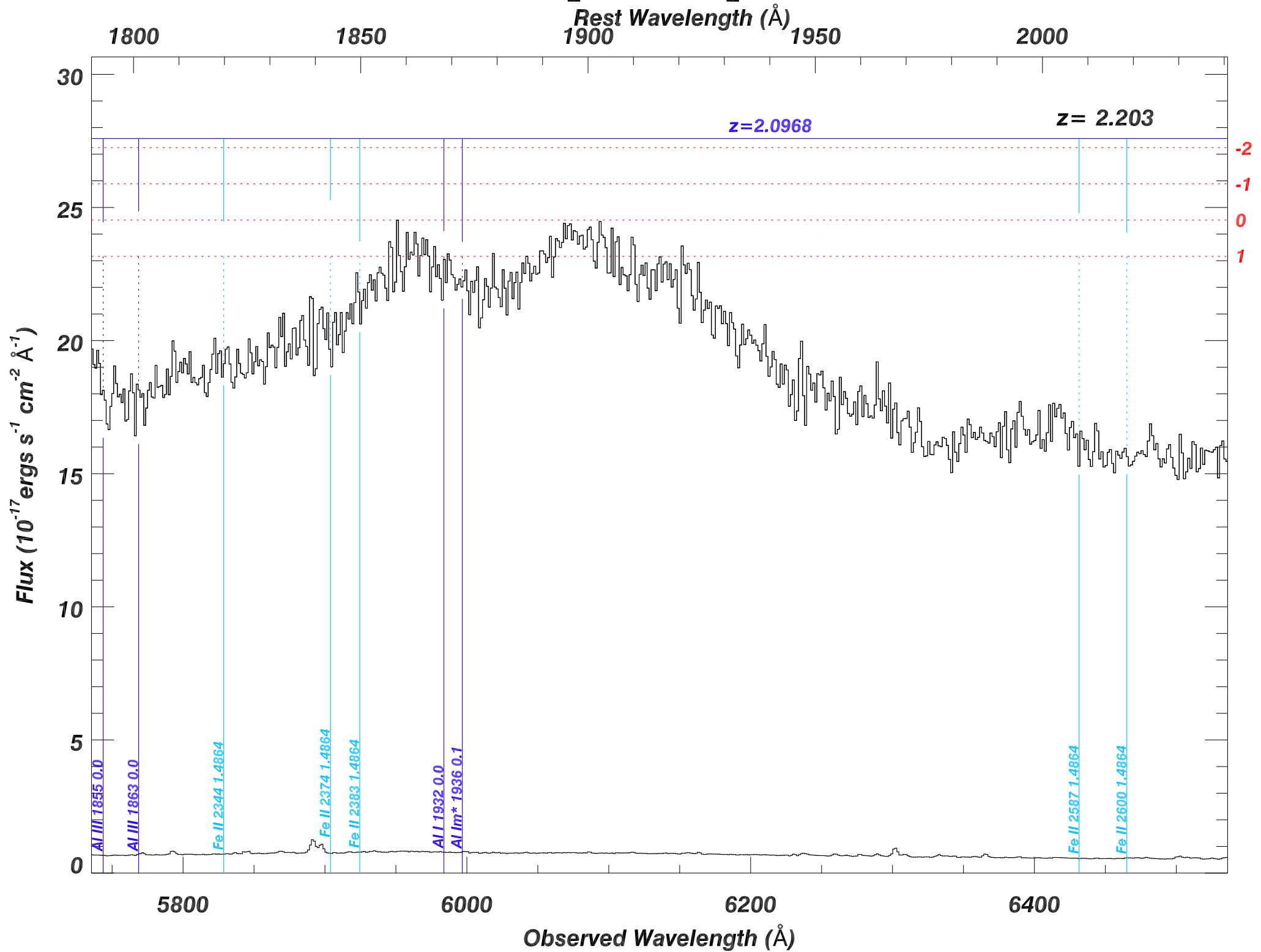
Al I 1766 0.1

Al III 1855 0.0

Al III 1863 0.0

Fe II 2344 1.4864

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Rest Wavelength ( $\text{\AA}$ )

2050

2100

2150

2200

2250

$z=2.0968$

$z=2.203$

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

20

15

10

5

0

-2

-1

0

1

Fe II 2600 1.4864

Mg II 2796 1.4864

Mg II 2804 1.4864

Mg I 2853 1.4864

Fe II m\* 2833 0.4

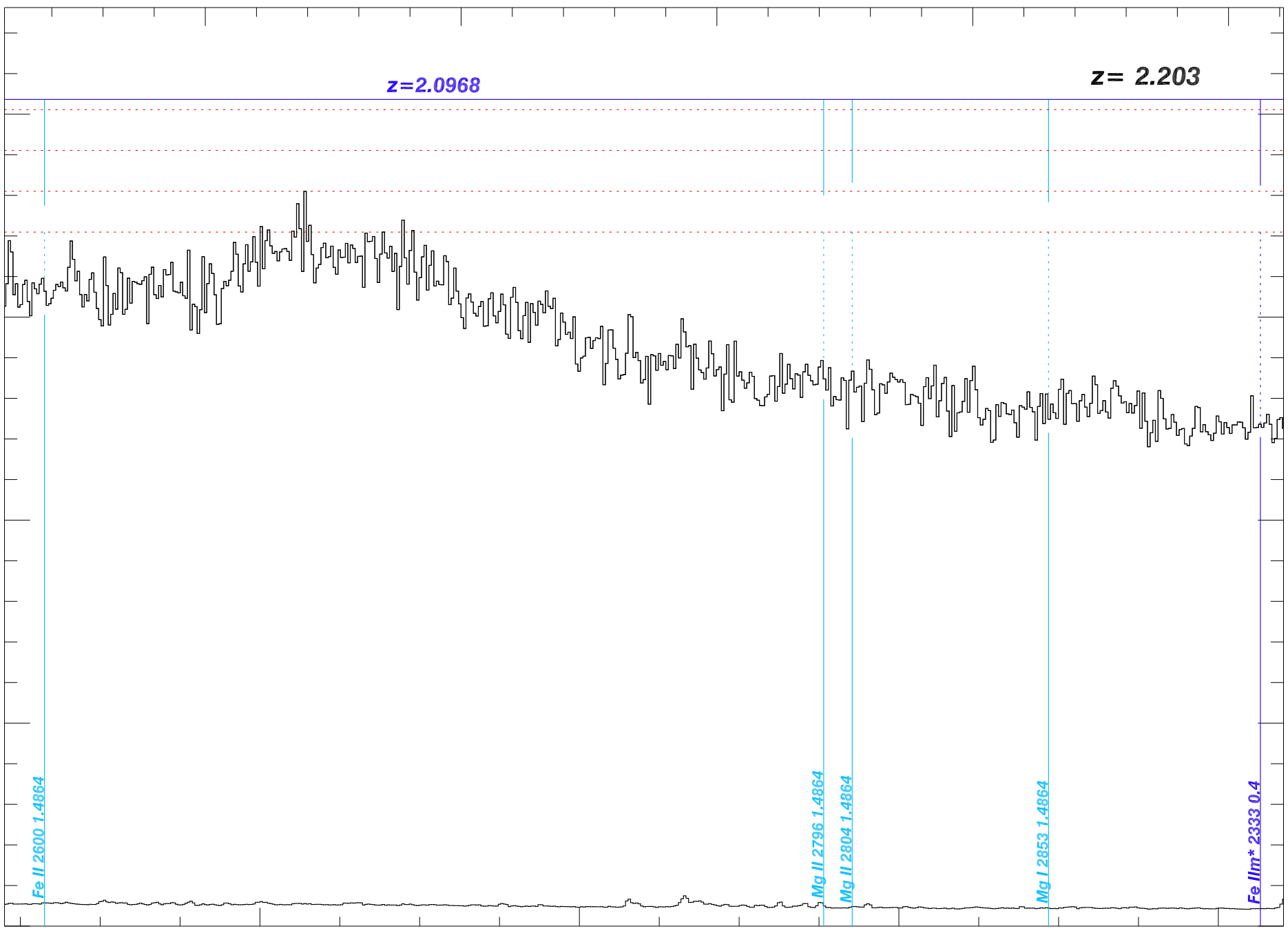
6600

6800

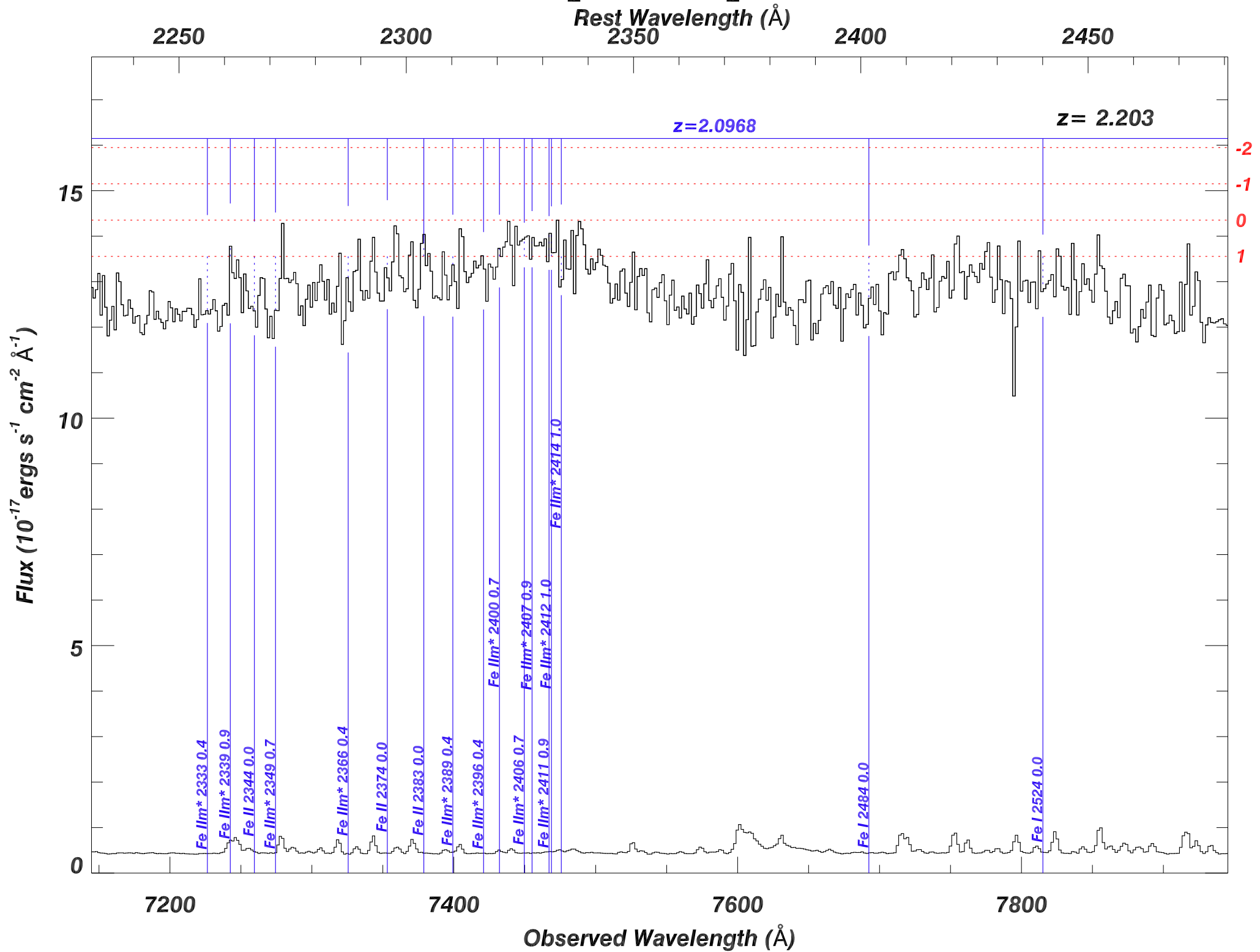
7000

7200

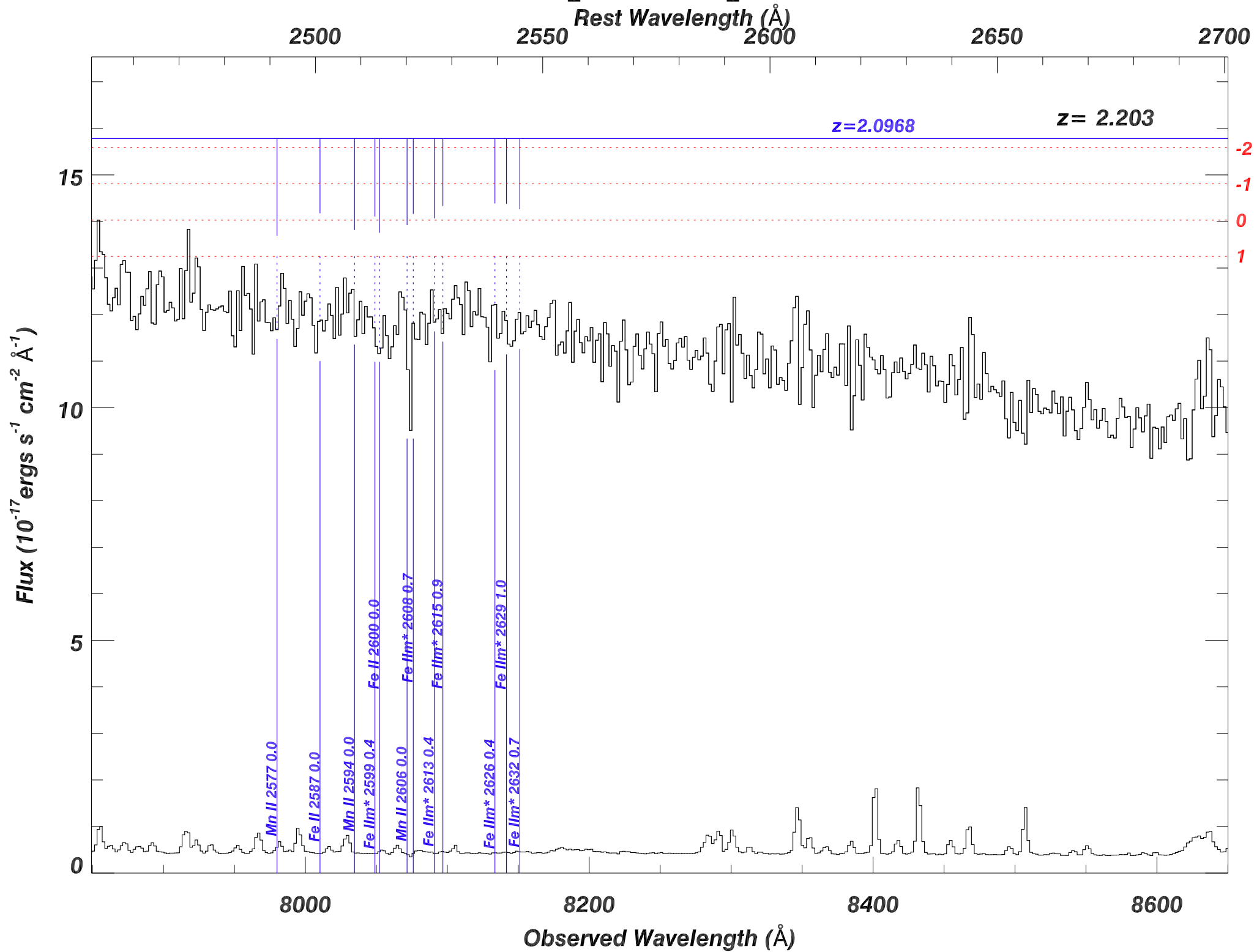
Observed Wavelength ( $\text{\AA}$ )



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# SDSS\_J1218+3730\_MJD57457

Rest Wavelength ( $\text{\AA}$ )

2700

2750

2800

2850

2900

$z=2.0968$

$z=2.203$

-2  
-1  
0  
1

15

10

5

0

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

Mg II 2796 0.0

Mg II 2804 0.0

Mg I 2853 0.0

He I m\* 2946 159.9

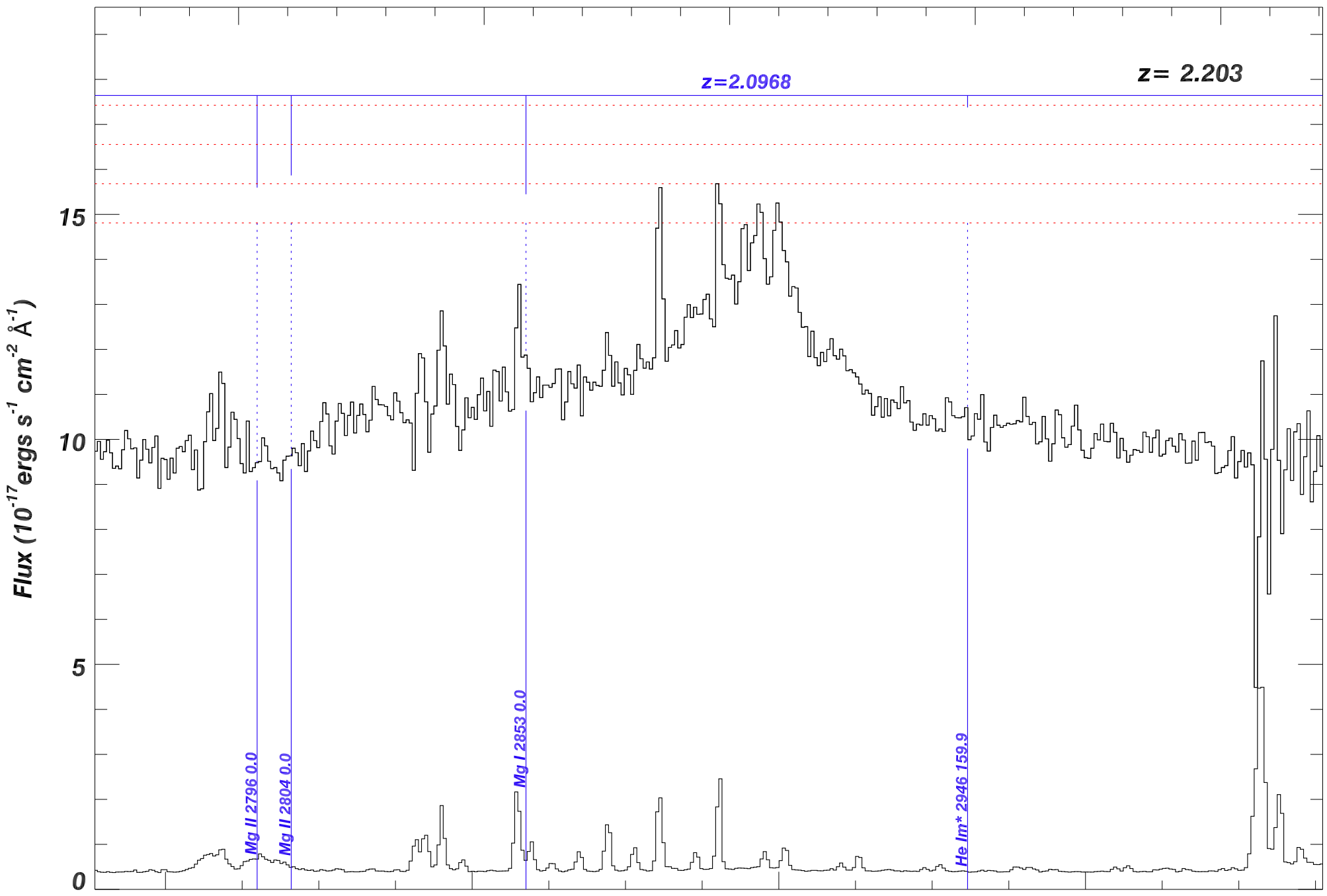
8600

8800

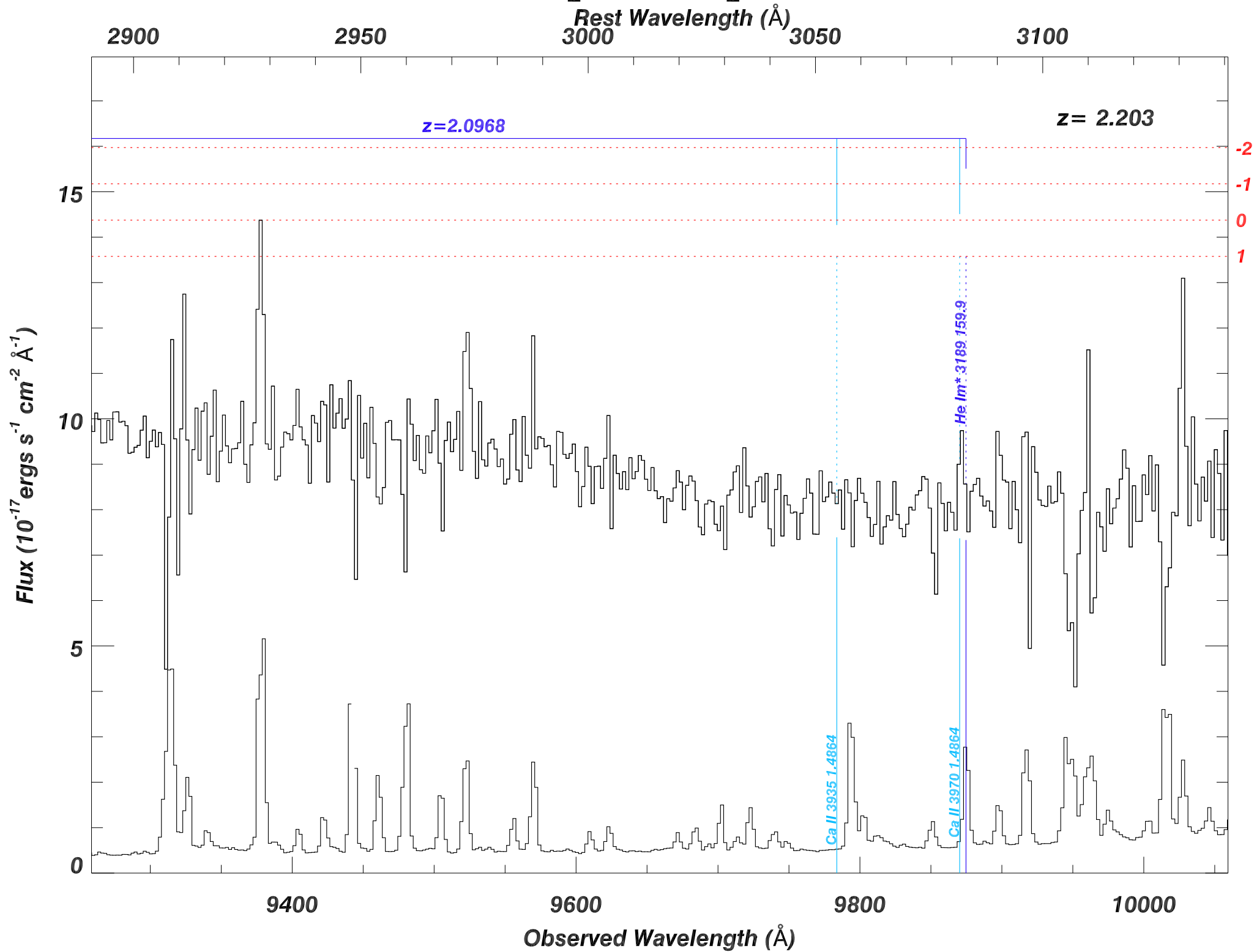
9000

9200

Observed Wavelength ( $\text{\AA}$ )



# SDSS\_J1218+3730\_MJD57457



**SDSS\_J1218+3730\_MJD57457**

**Rest Wavelength ( $\text{\AA}$ )**

**3200**

**3300**

**3400**

**3500**

**z = 2.203**

