

**SDSS\_J1021+5401\_MJD56398**

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

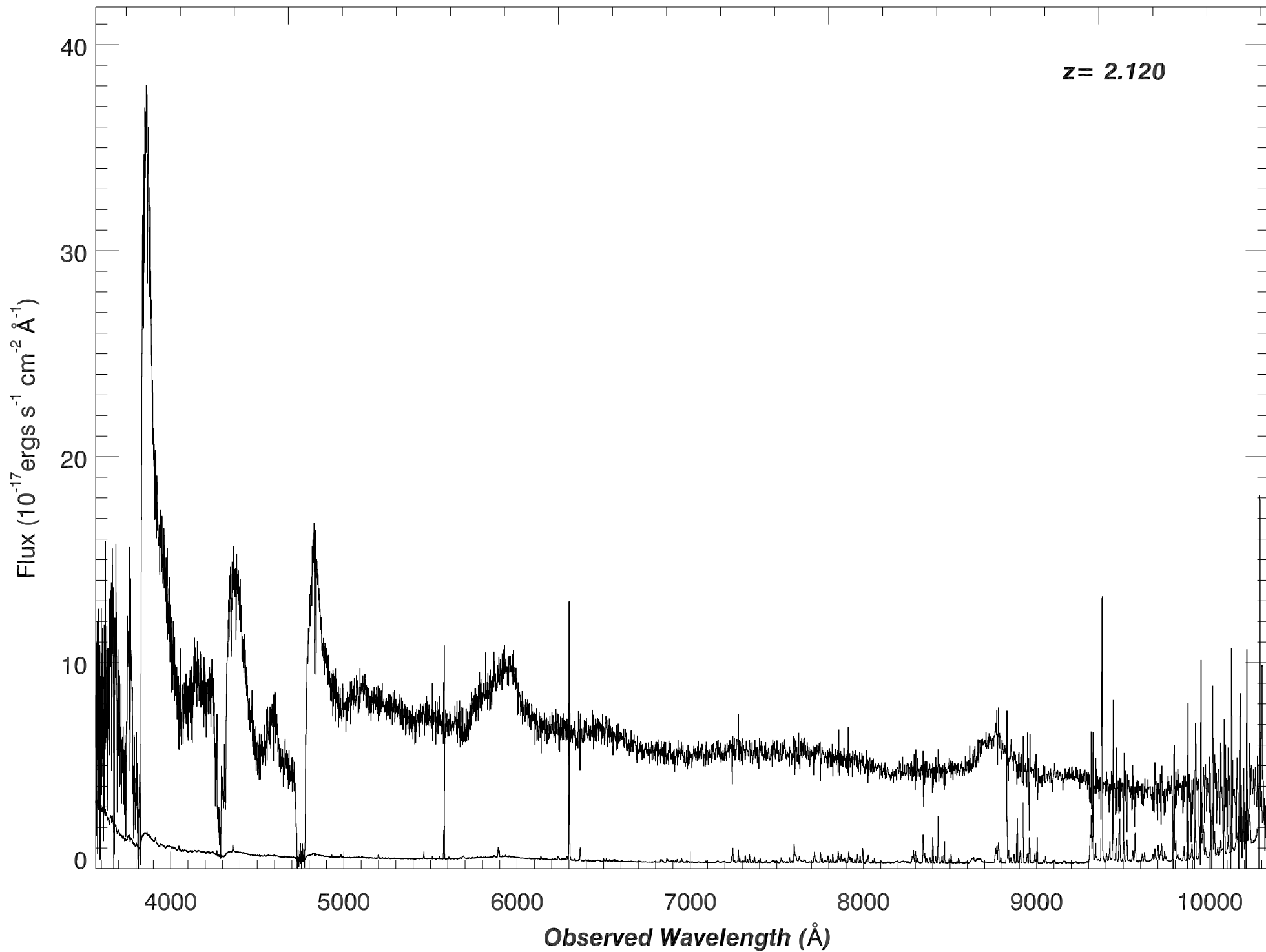
**1500**

**2000**

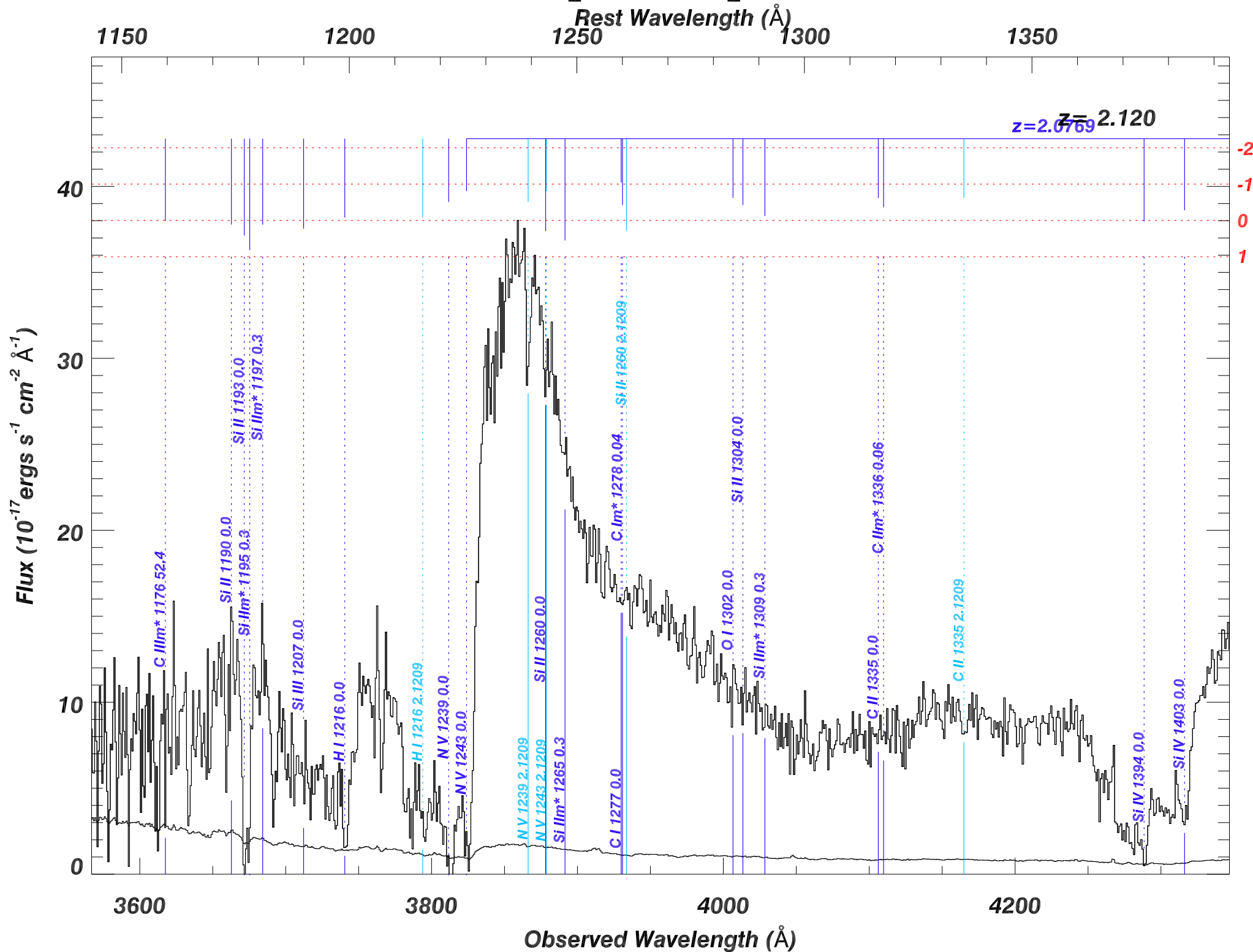
**2500**

**3000**

**$z = 2.120$**



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

1400

1450

1500

1550

1600

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

20

15

10

5

0

$z=2.0769$

$z= 2.120$

-2  
-1  
0  
1

Si IV 1394 0.0

Si IV 1403 0.0

Si IV 1394 2.1209

Si IV 1403 2.1209

Si II 1527 0.0

Si II m\* 1533 0.3

C IV 1548 0.0

C IV 1551 0.0

C I 1560 0.0

C Im\* 1561 0.04

C IV 1548 2.1209

C IV 1551 2.1209

Fe II 1608 0.0

Fe II 1608 2.1209

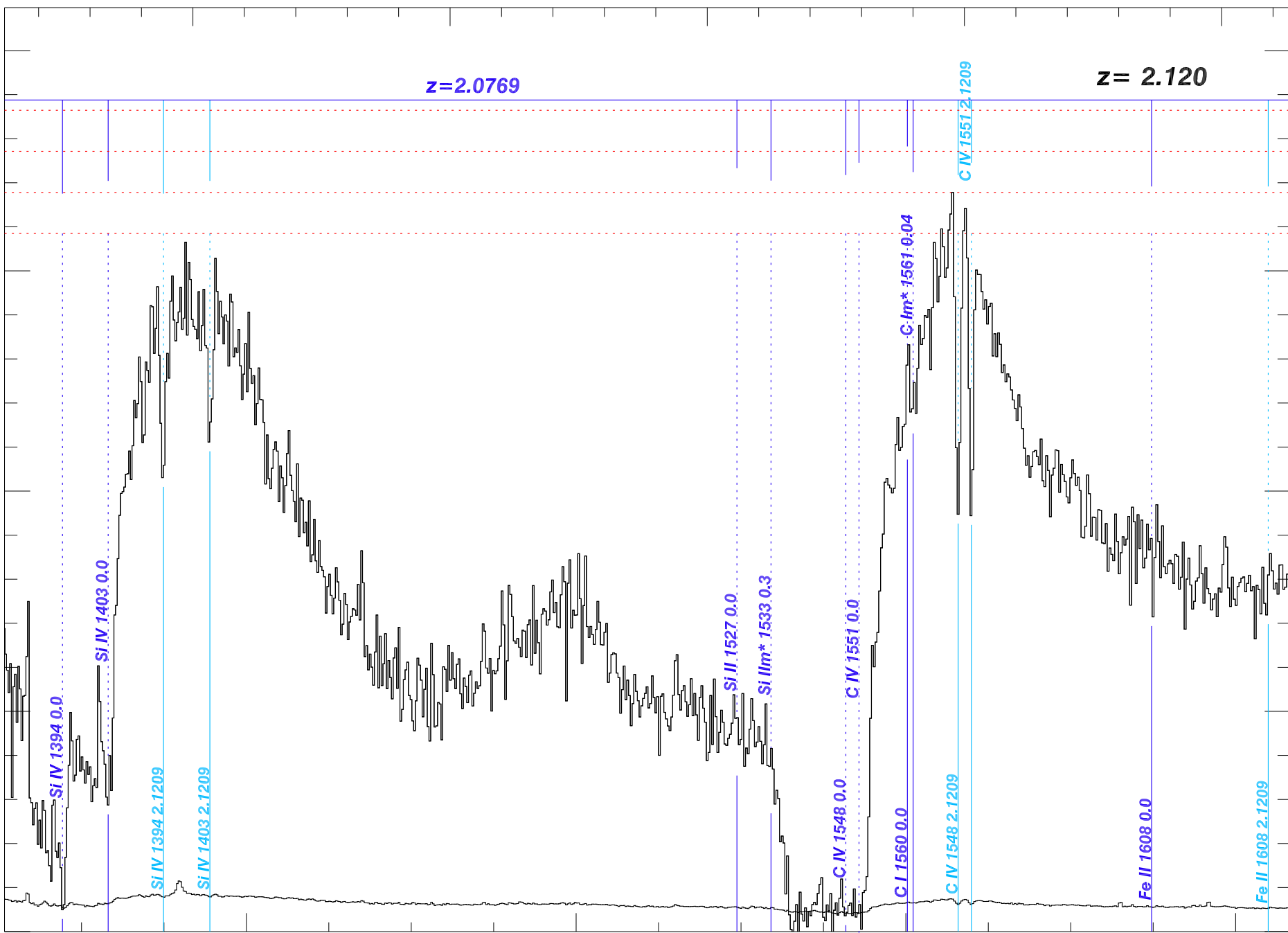
4400

4600

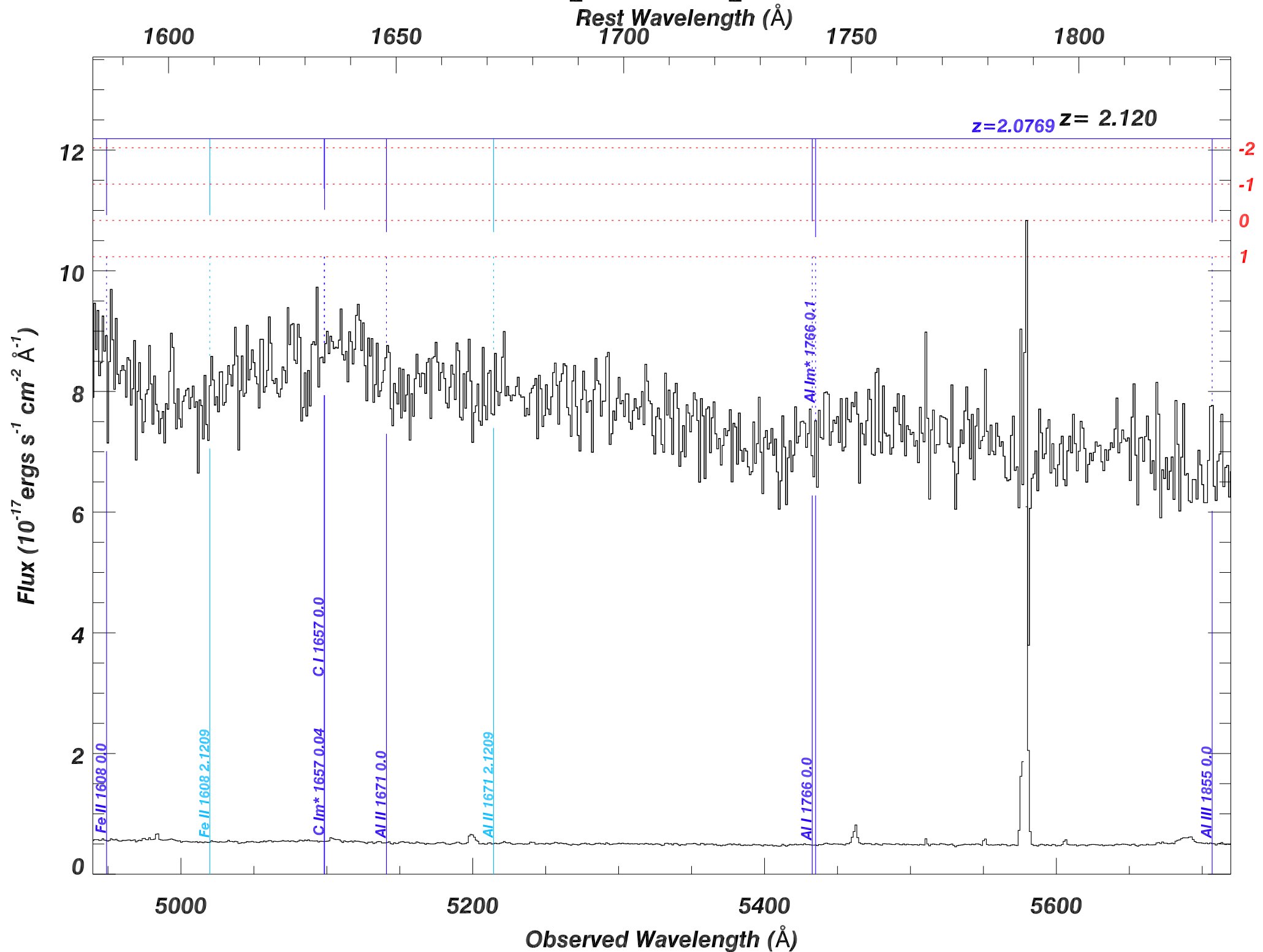
4800

5000

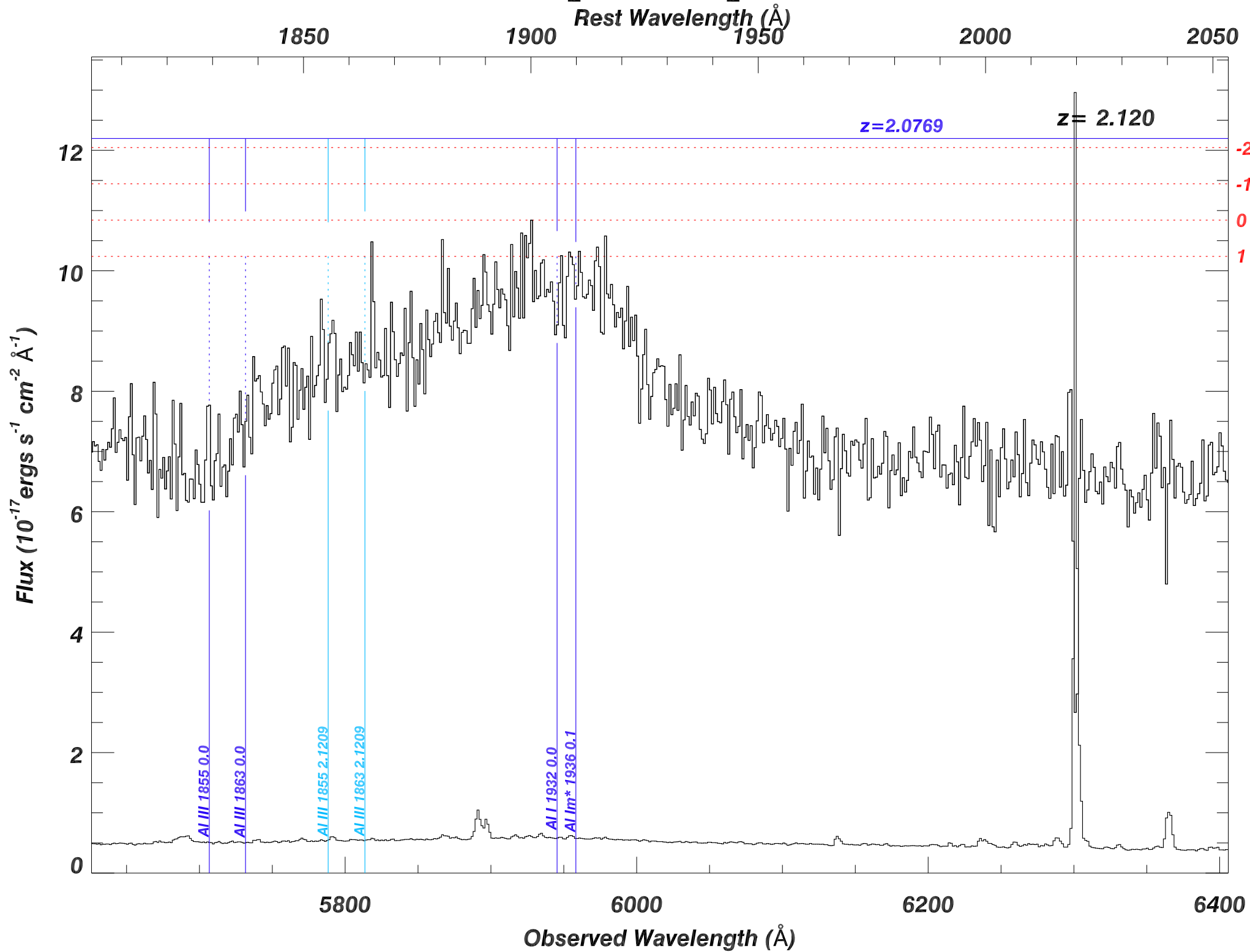
Observed Wavelength ( $\text{\AA}$ )



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**SDSS\_J1021+5401\_MJD56398**

*Rest Wavelength (Å)*

2050

2100

2150

2200

2250

***z = 2.120***

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

8

6

4

2

0

-2

-1

0

1

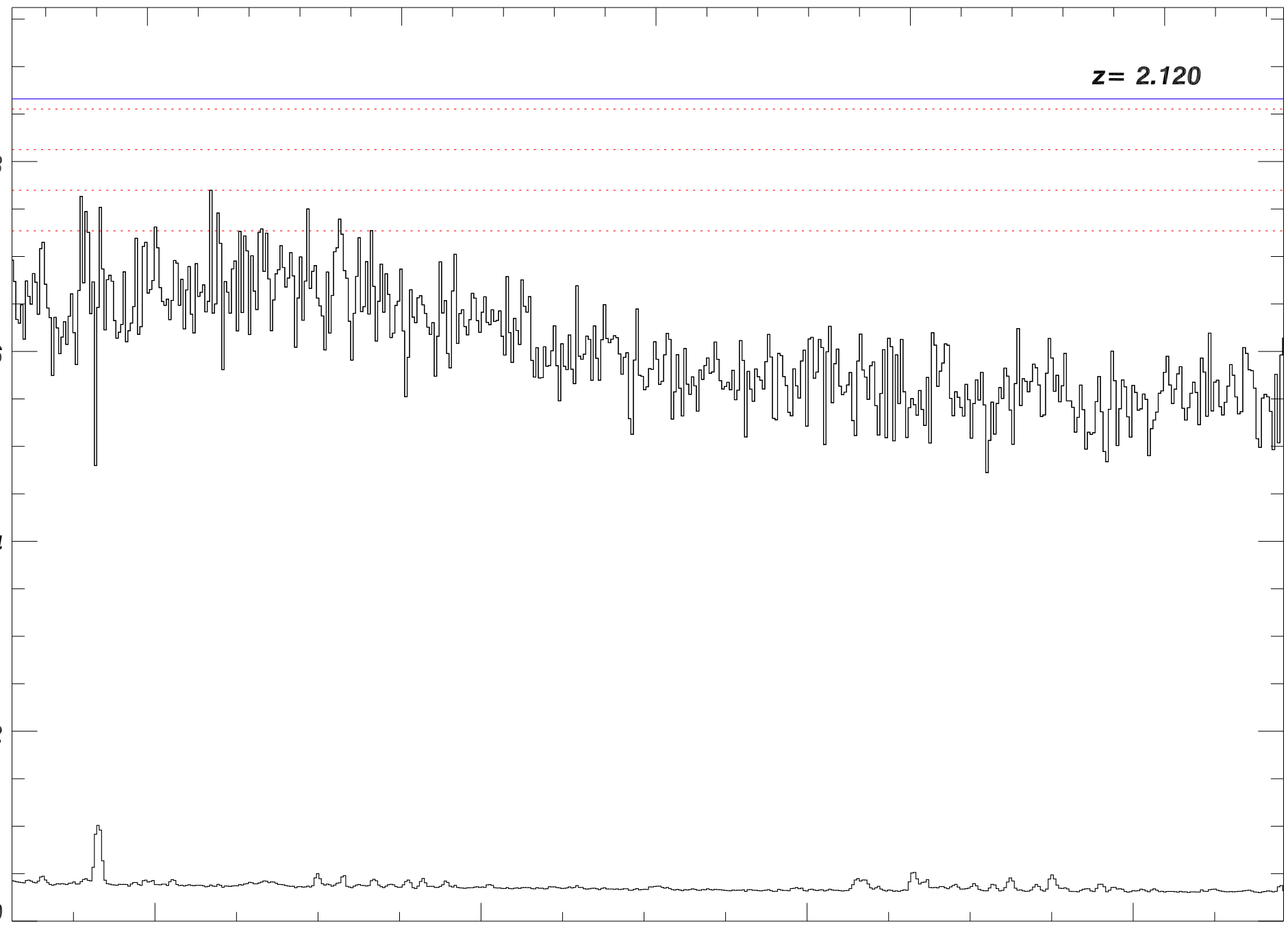
6400

6600

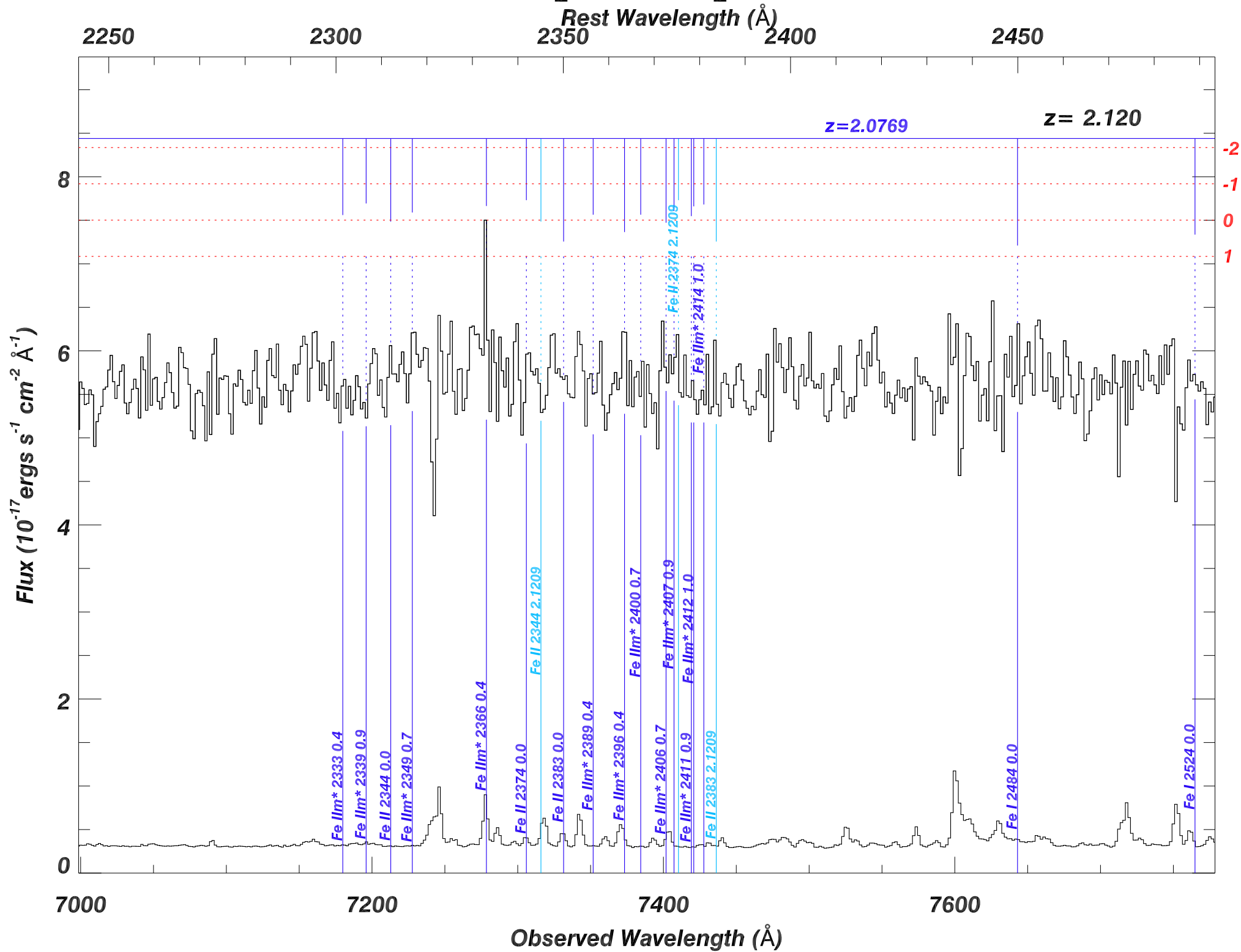
6800

7000

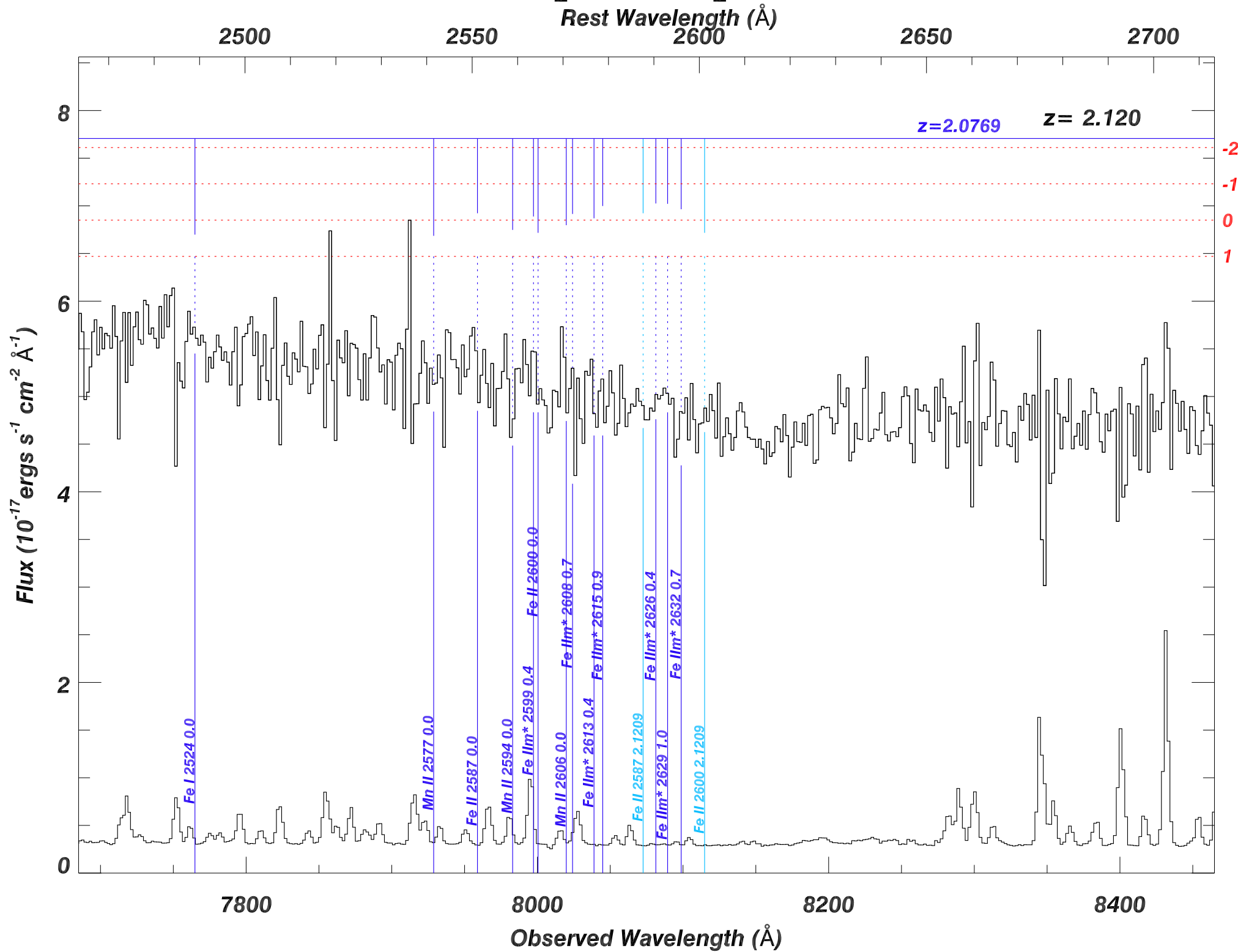
***Observed Wavelength (Å)***



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# SDSS\_J1021+5401\_MJD56398

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

2700

2750

2800

2850

2900

$z=2.0769$

$z= 2.120$

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

8

6

4

2

0

-2

-1

0

1

Mg II 2796 0.0

Mg II 2804 0.0

Mg II 2796 2.1209

Mg II 2804 2.1209

Mg I 2853 0.0

Mg I 2853 2.1209

He I m\* 2946 159.9

8400

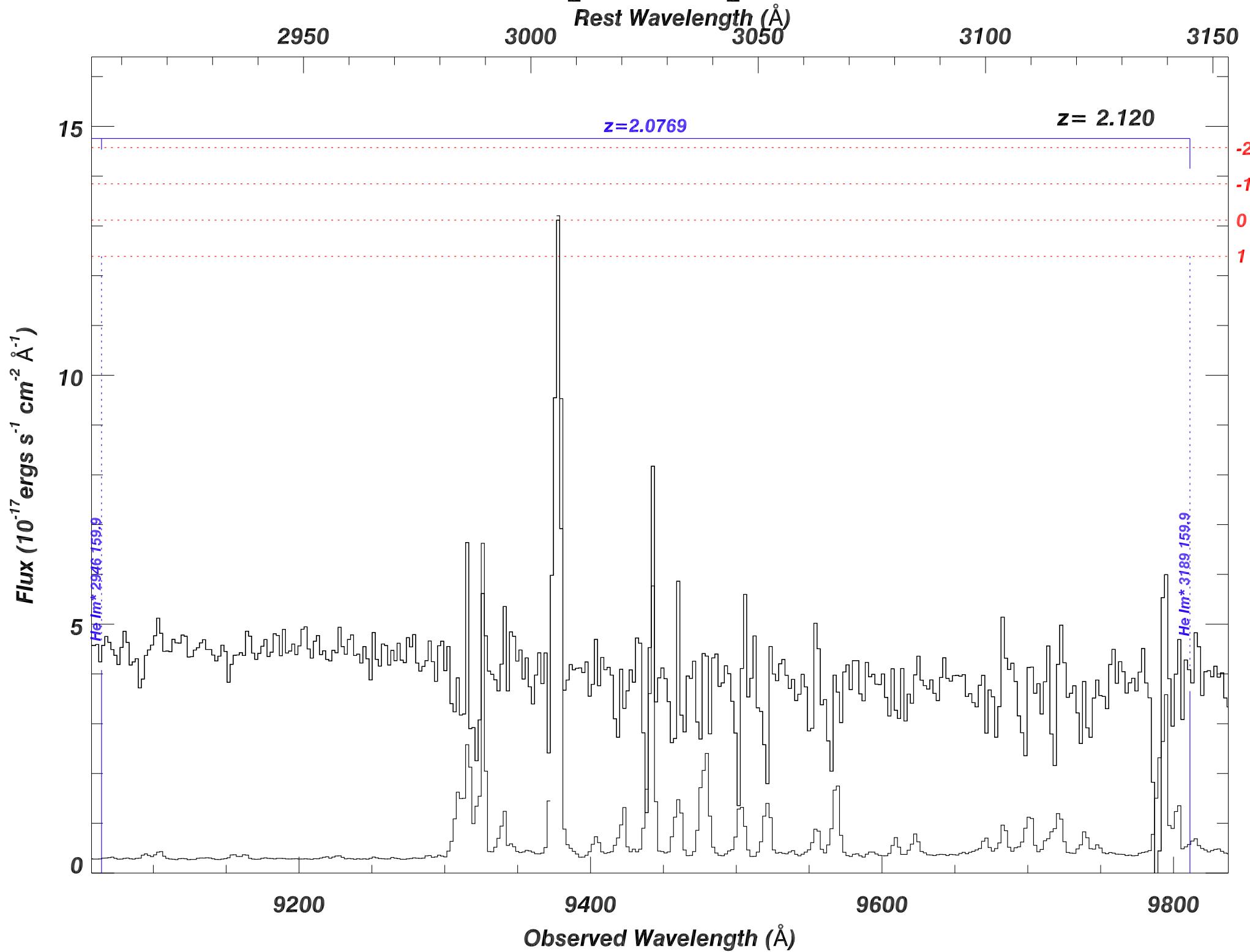
8600

8800

9000

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

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# SDSS\_J1021+5401\_MJD56398

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

3200

3300

3400

3500

