

**SDSS\_J0811+0223\_MJD55863**

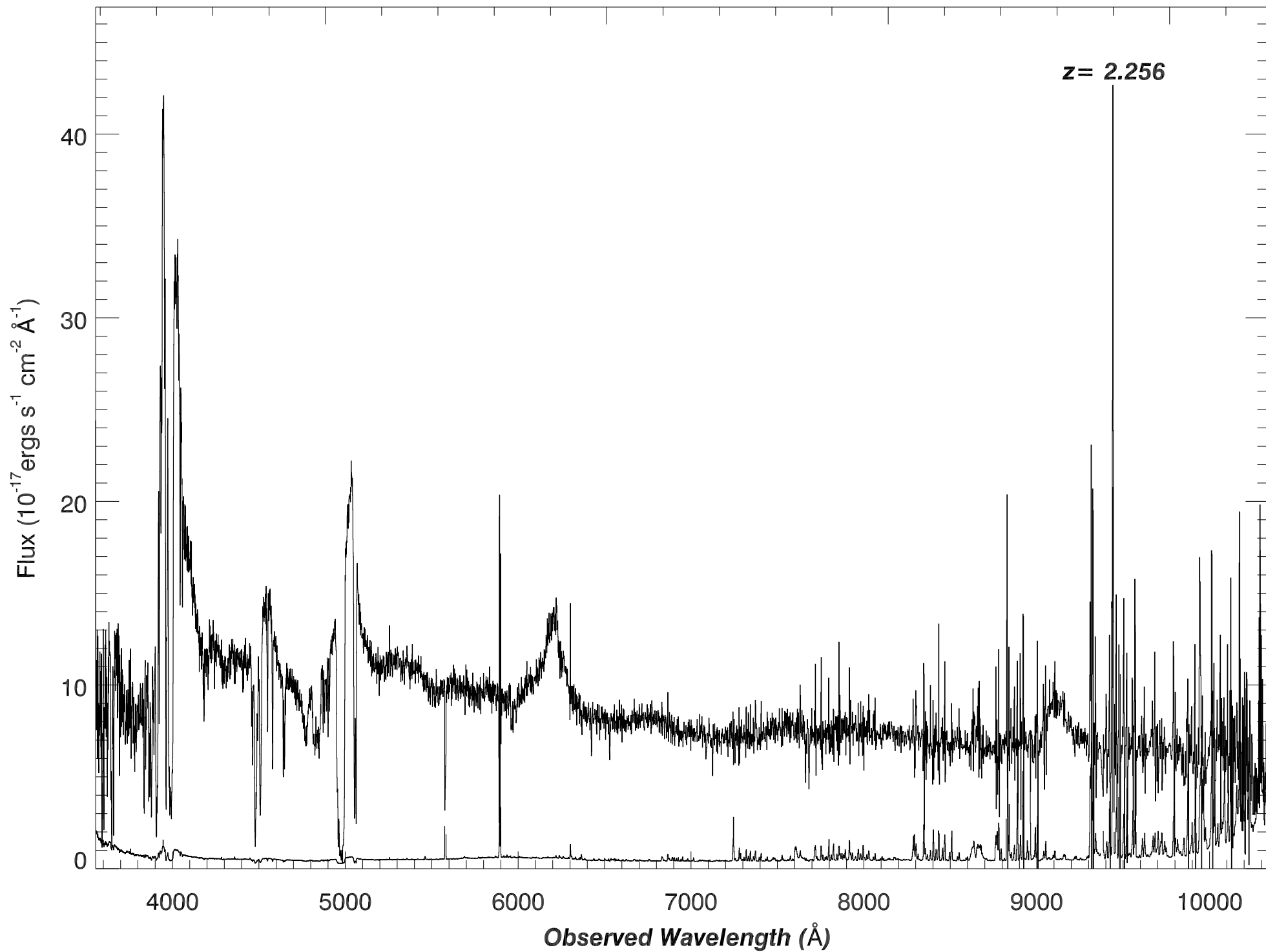
**Rest Wavelength ( $\text{\AA}$ )**

**1500**

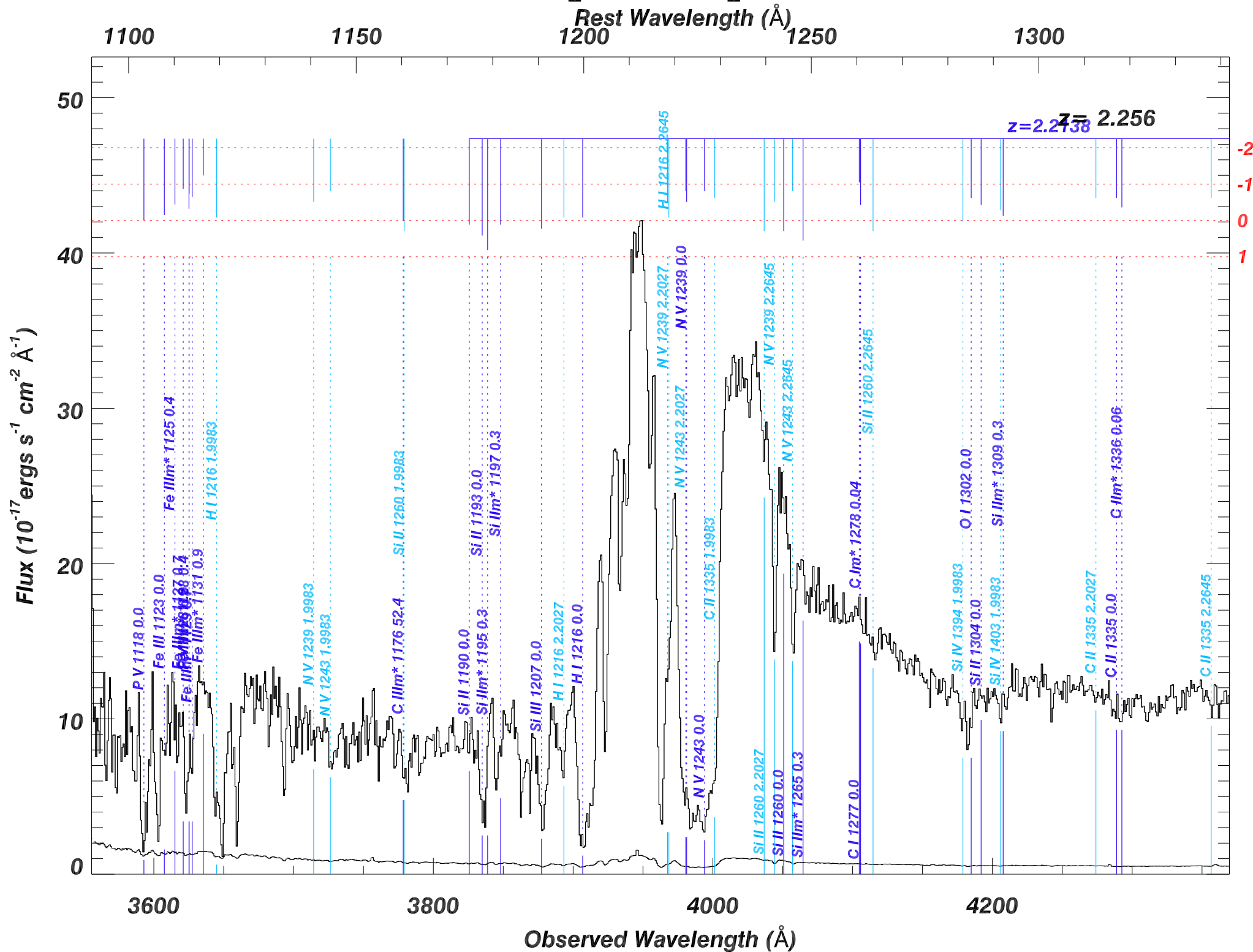
**2000**

**2500**

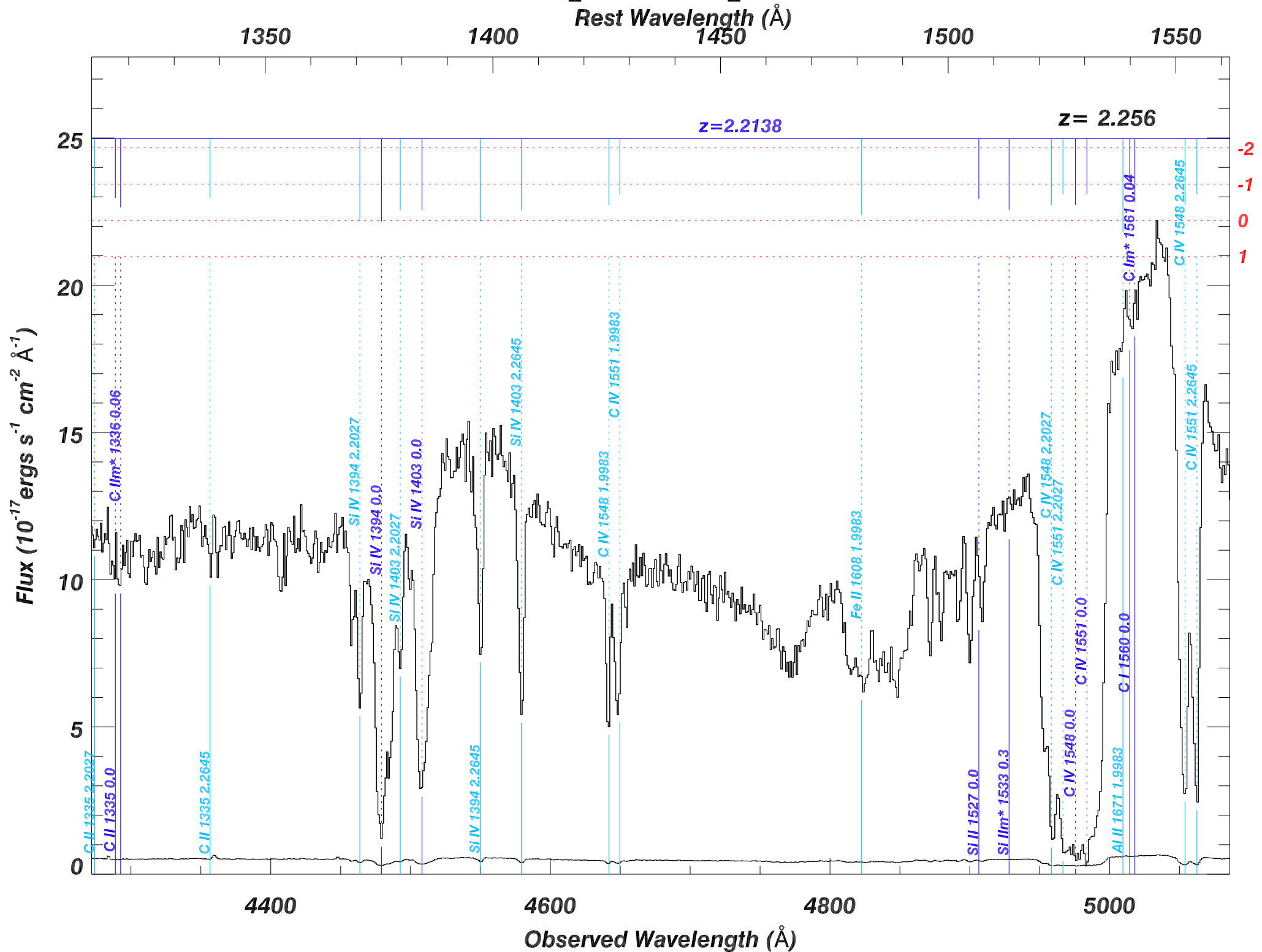
**3000**



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

1550

1600

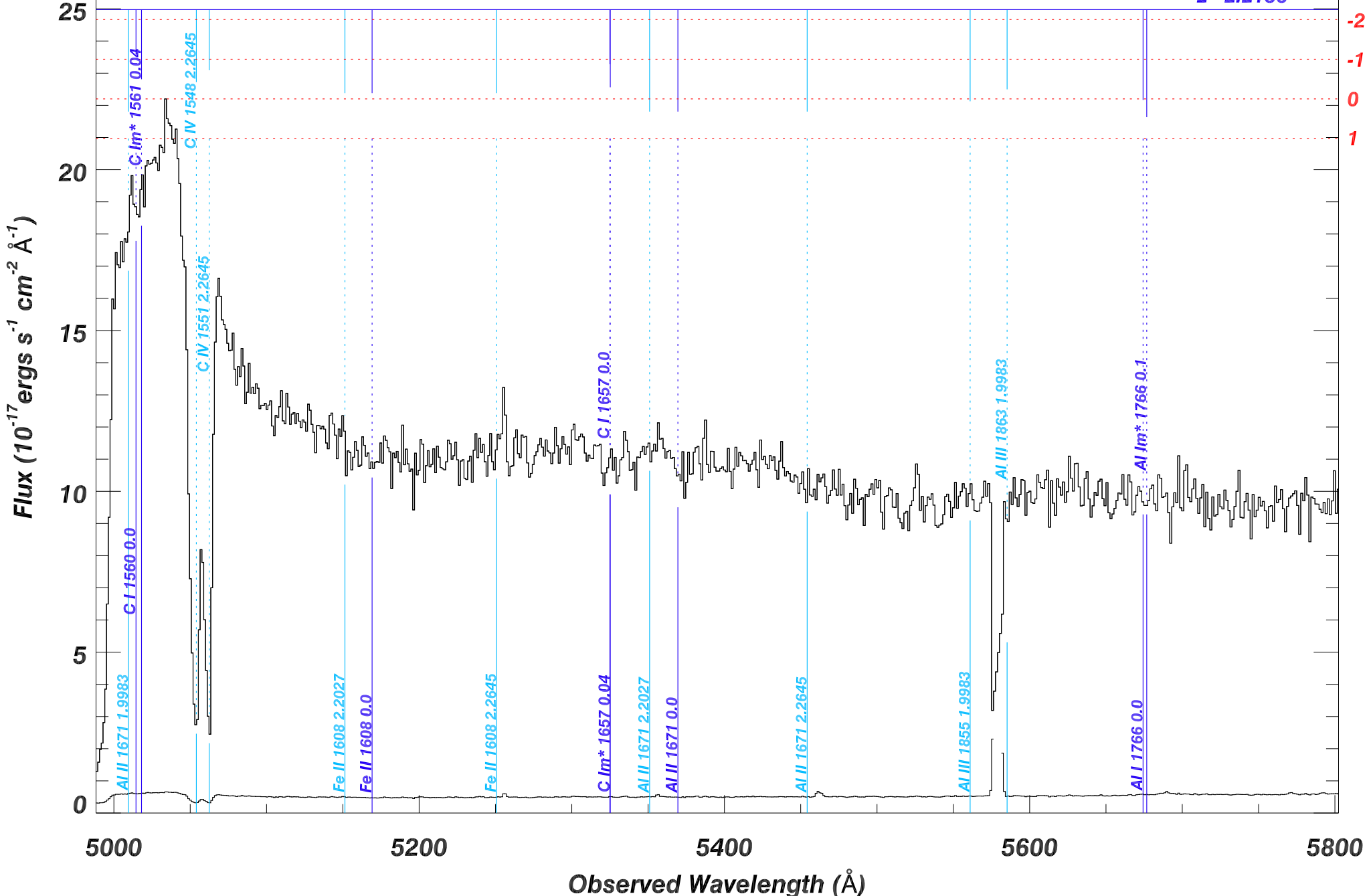
1650

1700

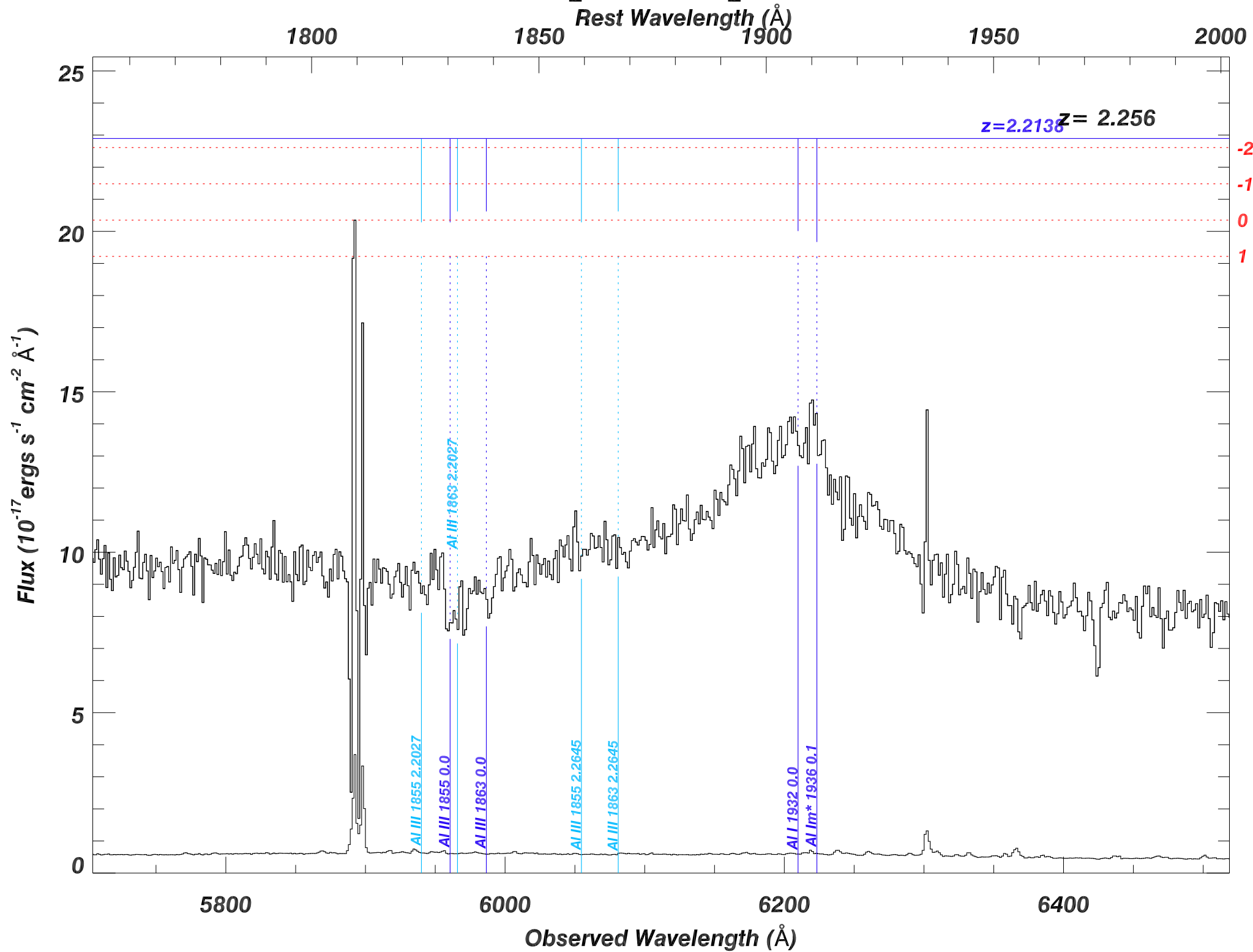
1750

$z = 2.256$

$z = 2.2138$



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

2000

2050

2100

2150

2200

$z=2.2138$

$z=2.256$

-2  
-1  
0  
1

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

10

8

6

4

2

0

6600

6800

7000

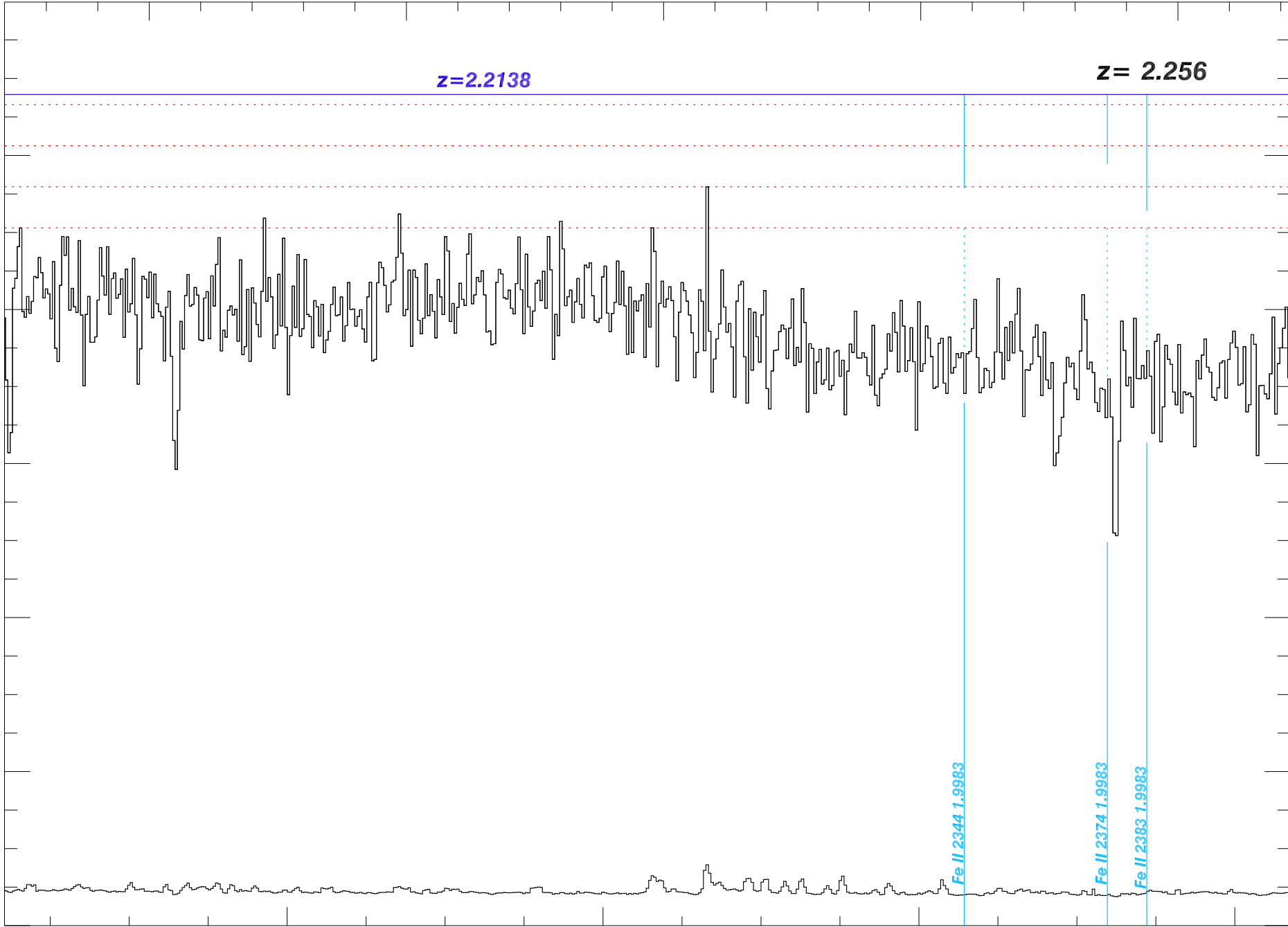
7200

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

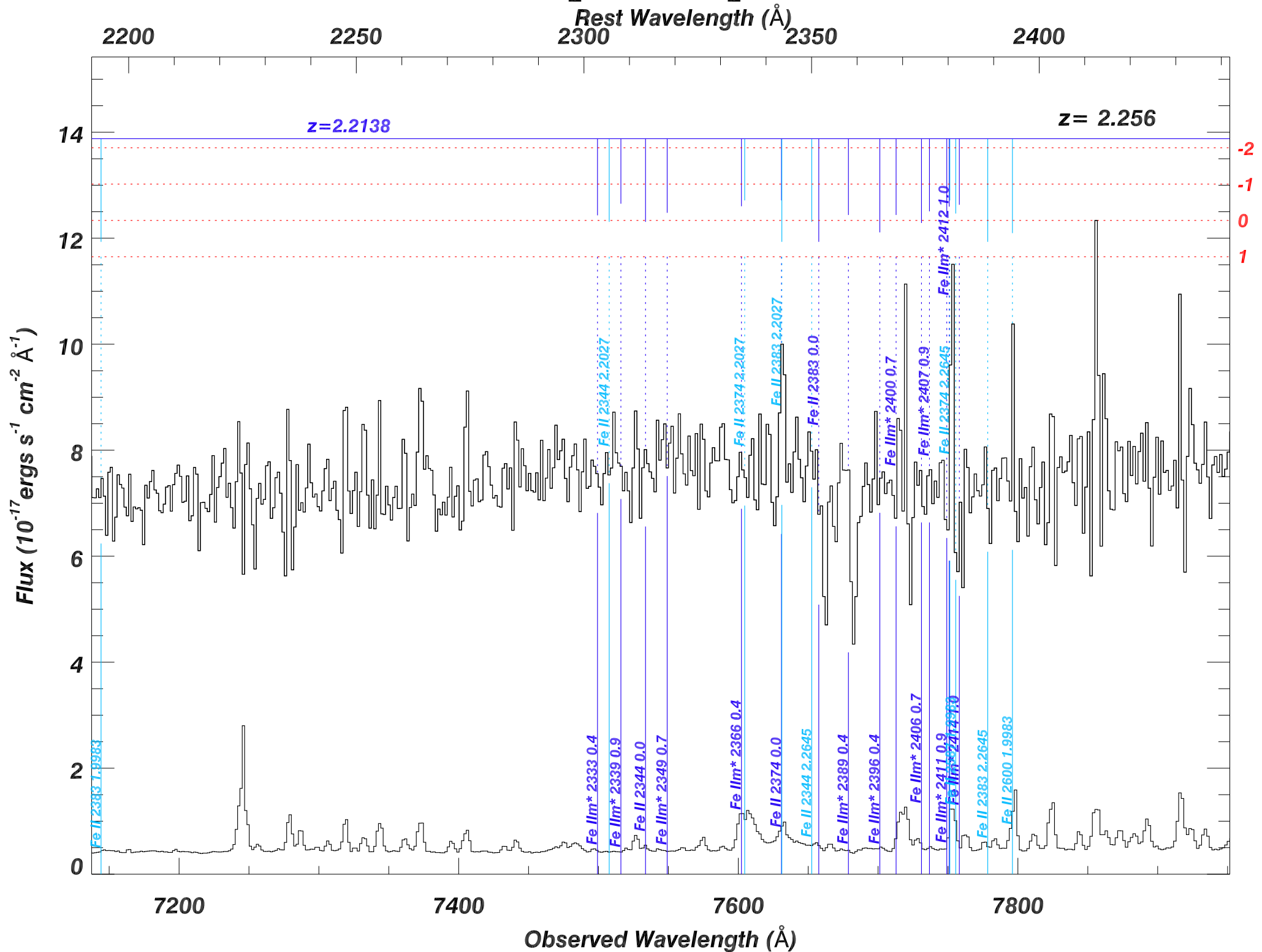
Fe II 2344 1.9983

Fe II 2374 1.9983

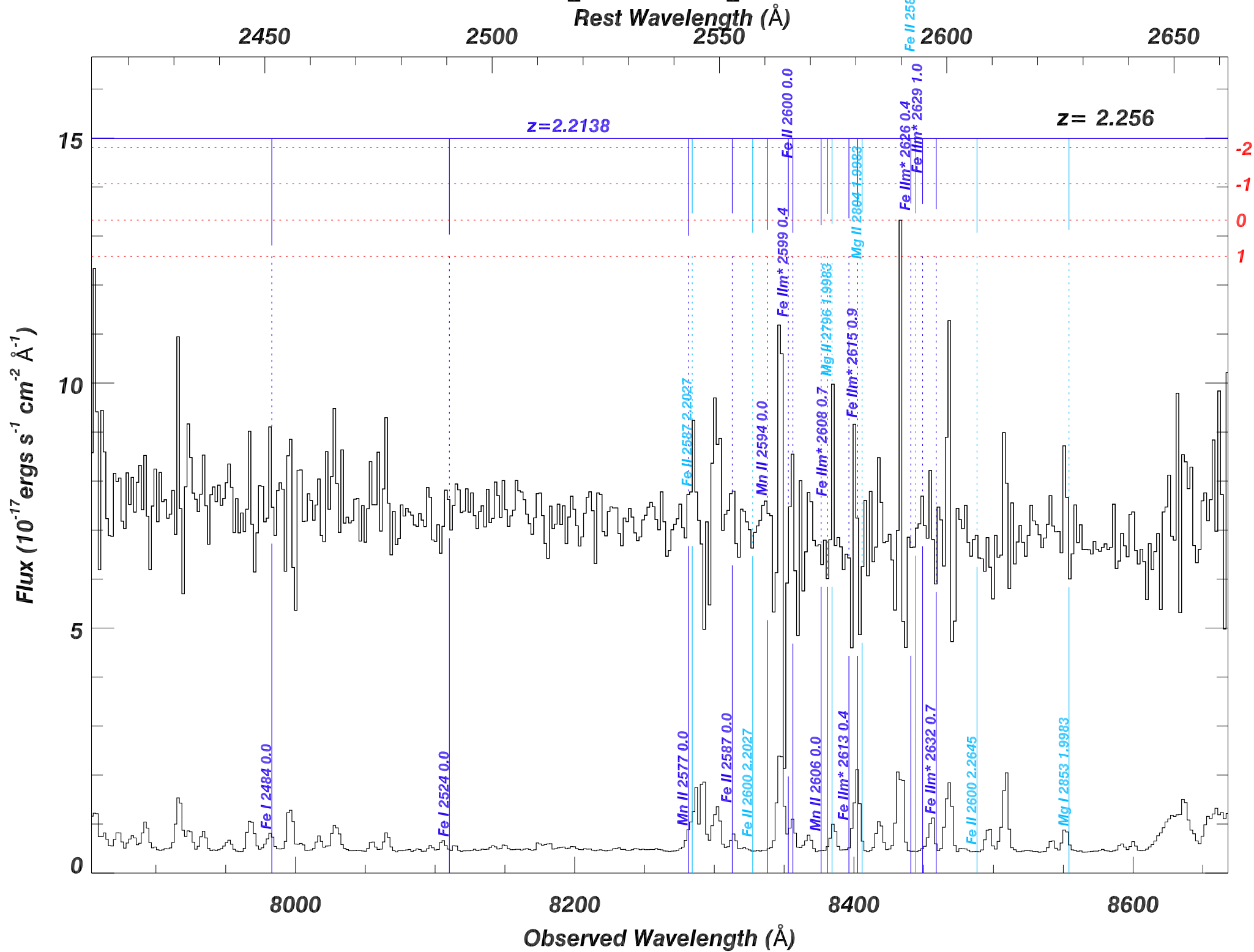
Fe II 2383 1.9983



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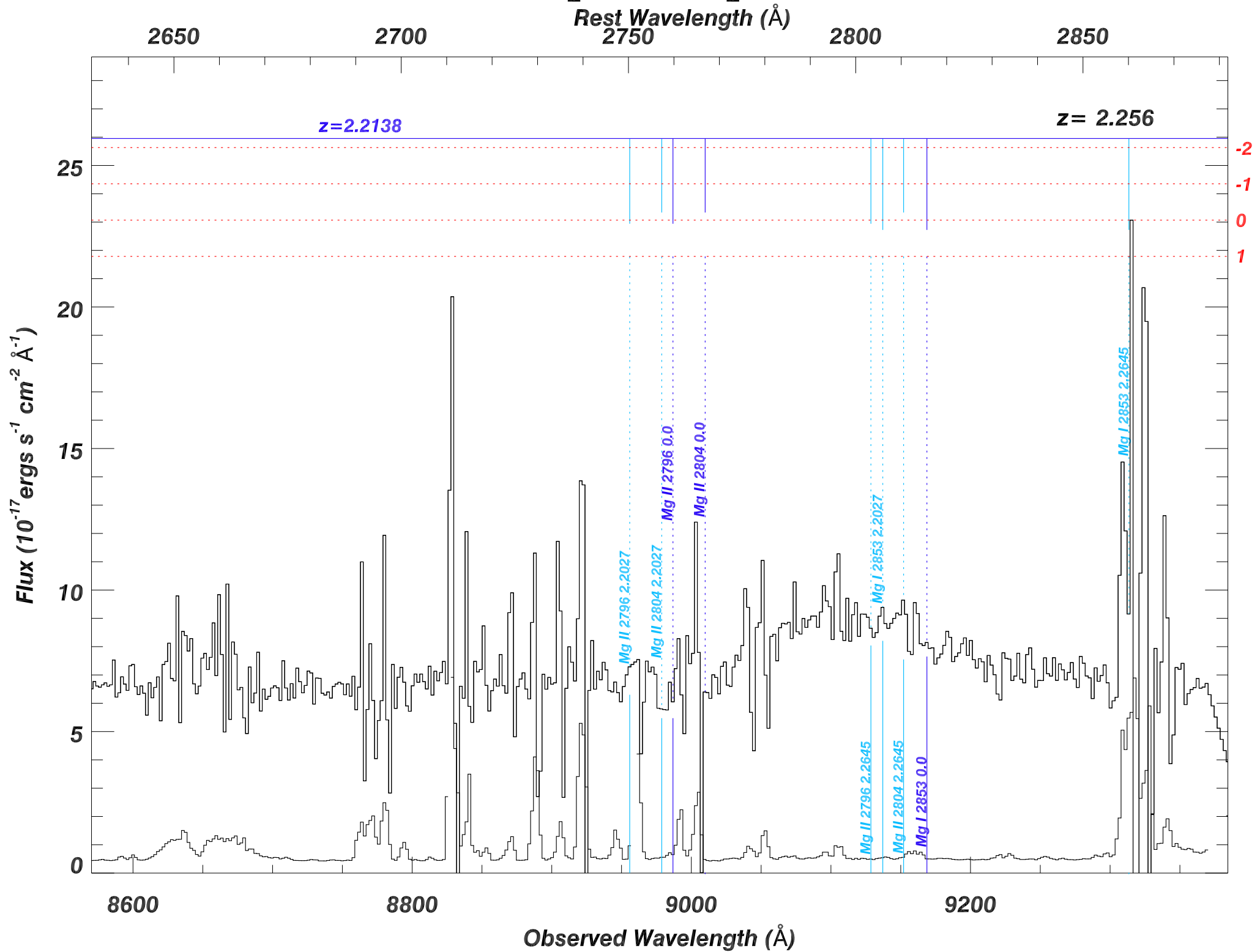


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# SDSS\_J0811+0223\_MJD55863

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

2900

2950

3000

3050

3100

$z=2.2138$

$z=2.256$

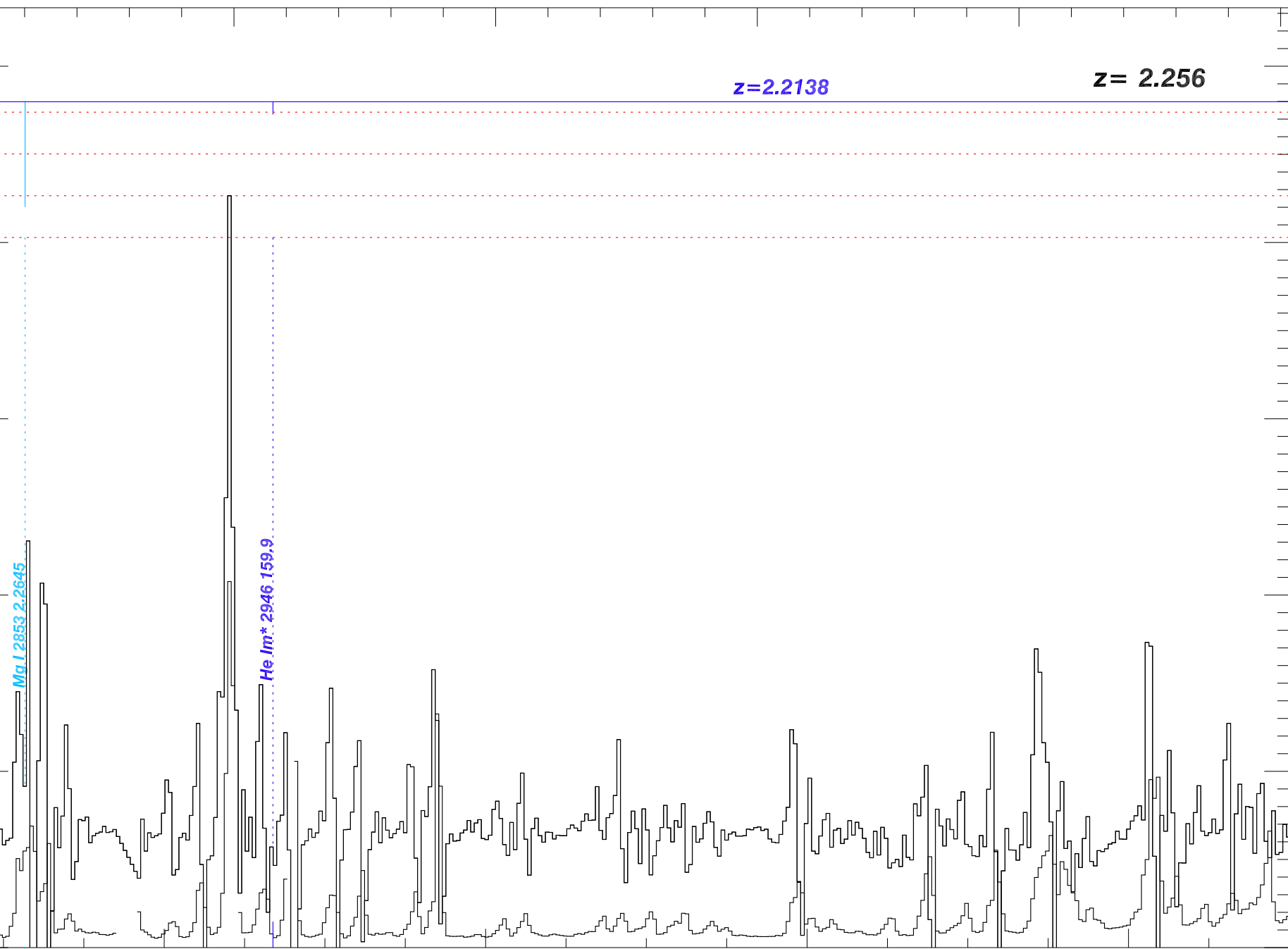
-2  
-1  
0  
1

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

50  
40  
30  
20  
10  
0

9400 9600 9800 10000

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



# SDSS\_J0811+0223\_MJD55863

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

3100

3200

3300

3400

$z=2.2138$

$z = 2.256$

-2

-1

0

1

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

20

15

10

5

0

He I m\* 3189.159.9

$1.02 \times 10^4$

$1.04 \times 10^4$

$1.06 \times 10^4$

$1.08 \times 10^4$

$1.10 \times 10^4$

$1.12 \times 10^4$

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

