

**SDSS\_J0147-0452\_MJD56573**

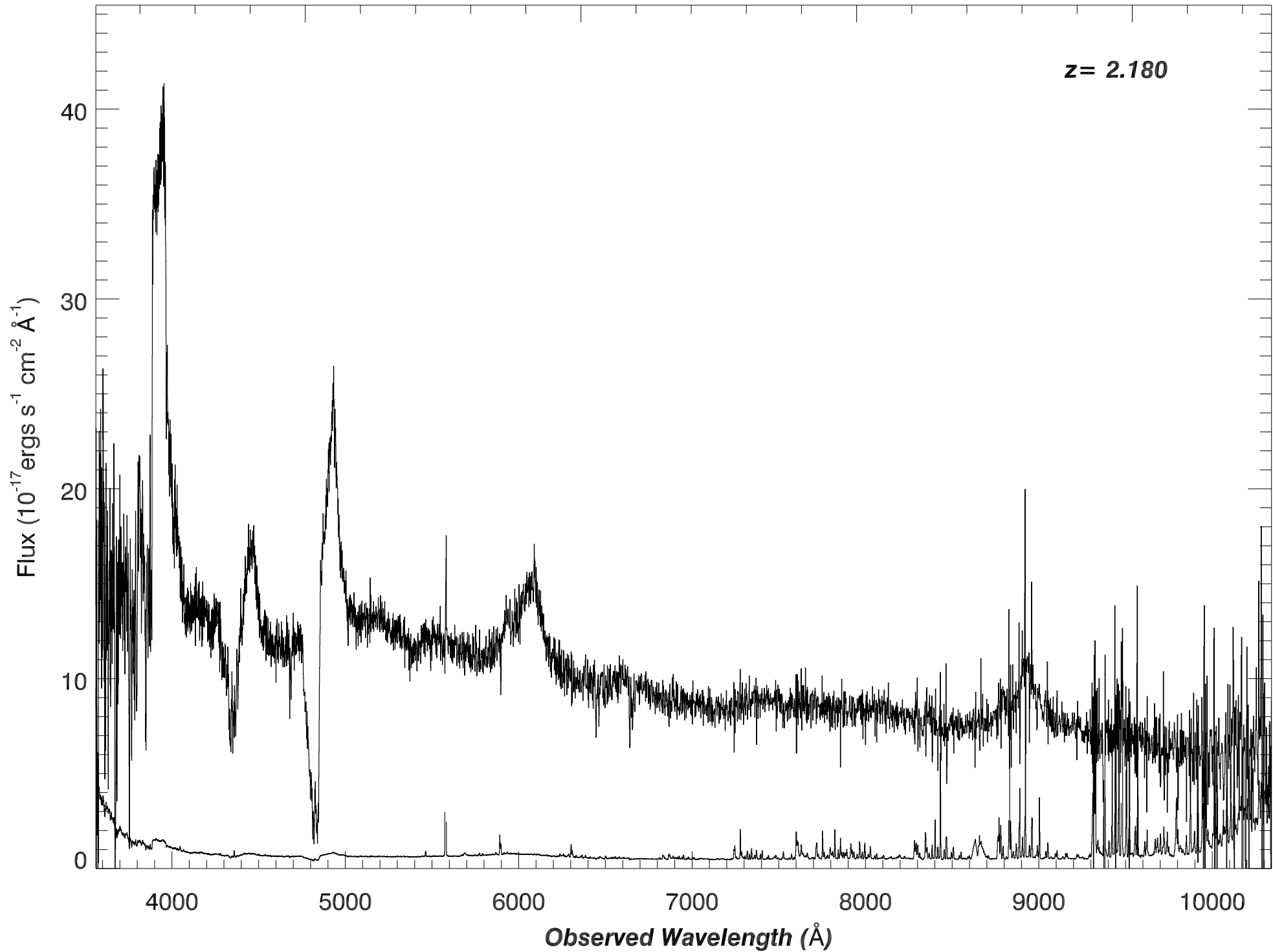
**Rest Wavelength ( $\text{\AA}$ )**  
2000

2500

3000

1500

**$z = 2.180$**



## SDSS\_J0147-0452\_MJD56573

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

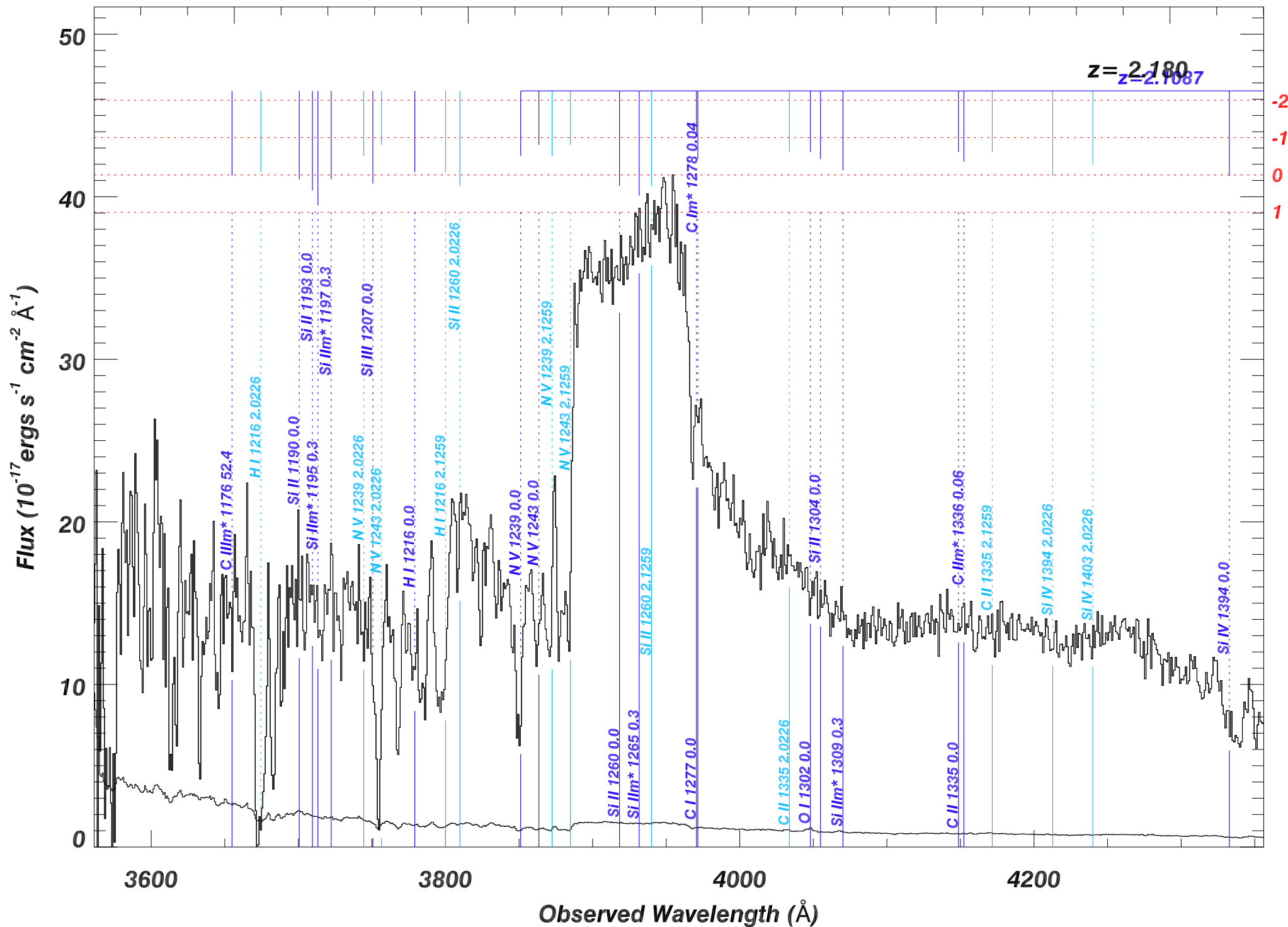
1150

1200

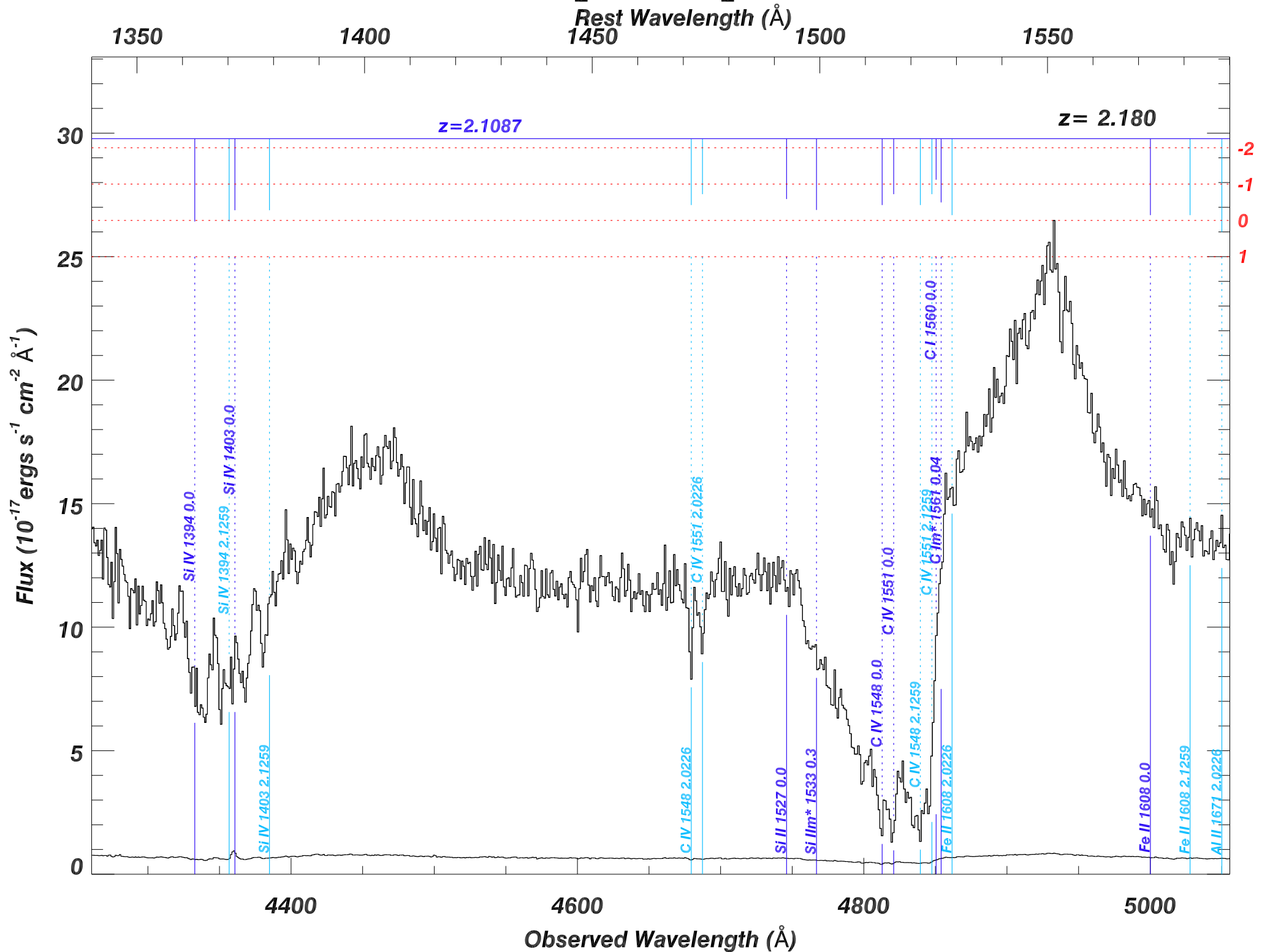
1250

1300

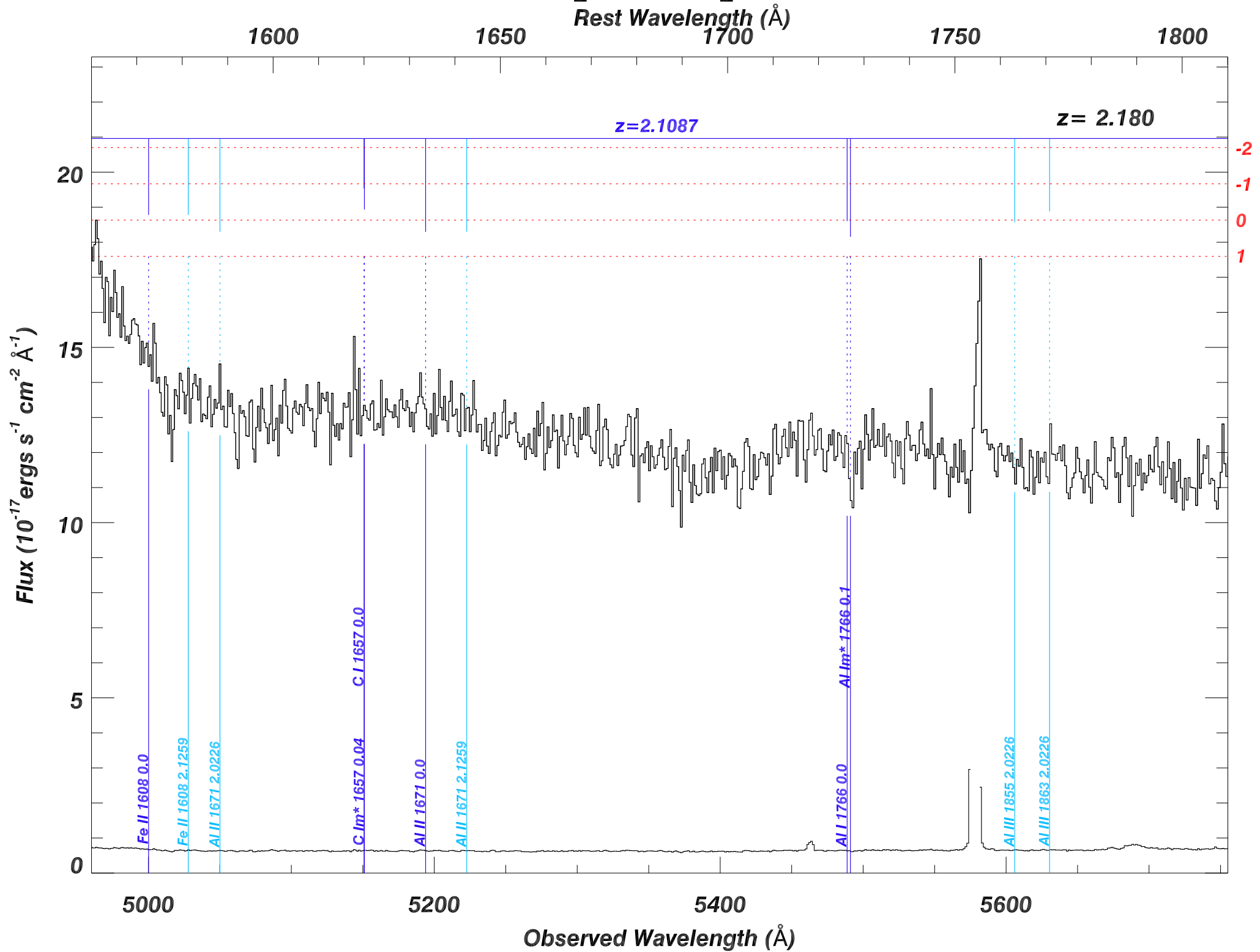
1350



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

1800

1850

1900

1950

2000

20

$z=2.1087$

$z=2.180$

-2

-1

0

1

15

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

10

5

0

Al III 1855 0.0

Al III 1863 0.0

Al III 1863 2.1259

Al I 1932 0.0

Al I m\* 1936 0.1

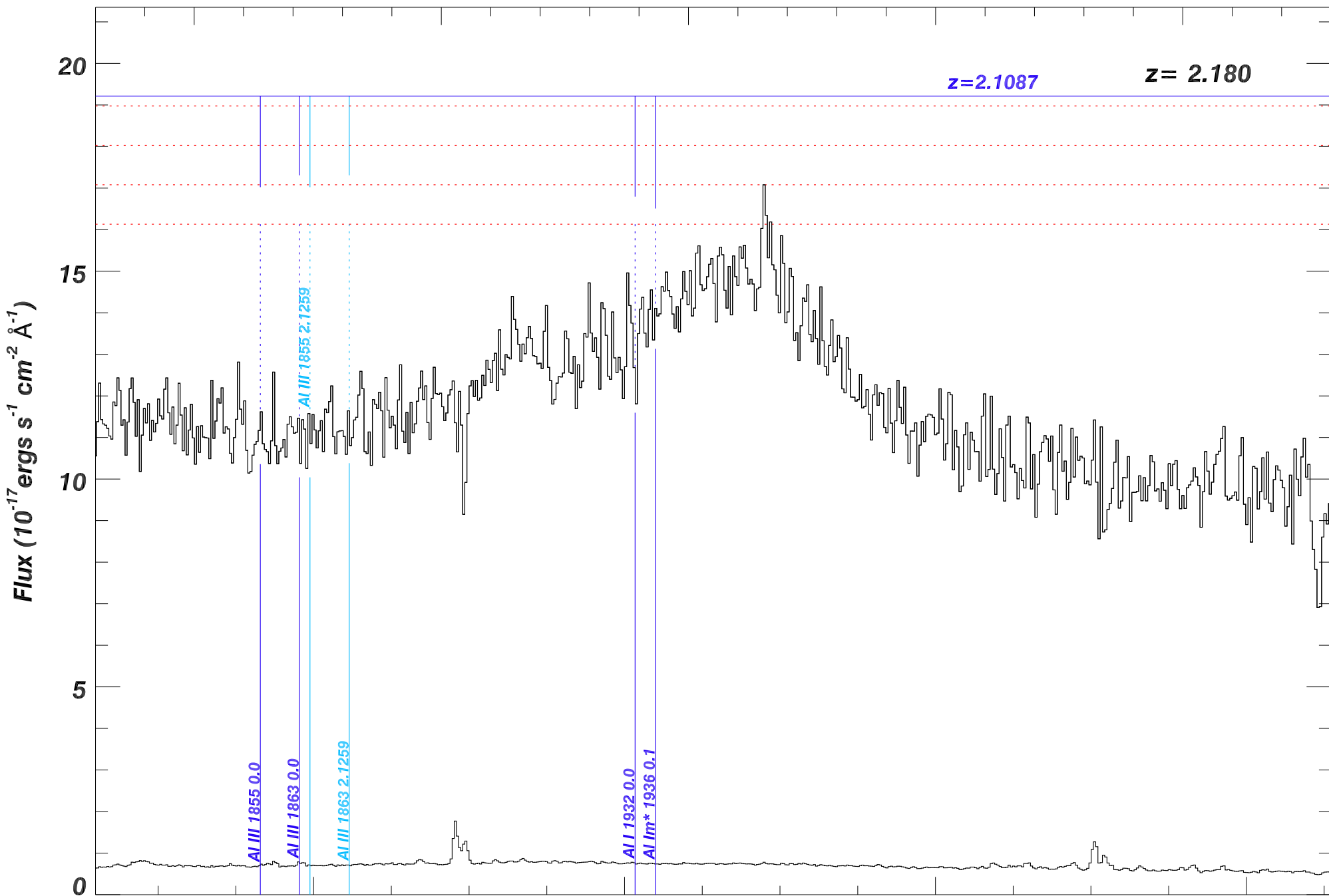
5800

6000

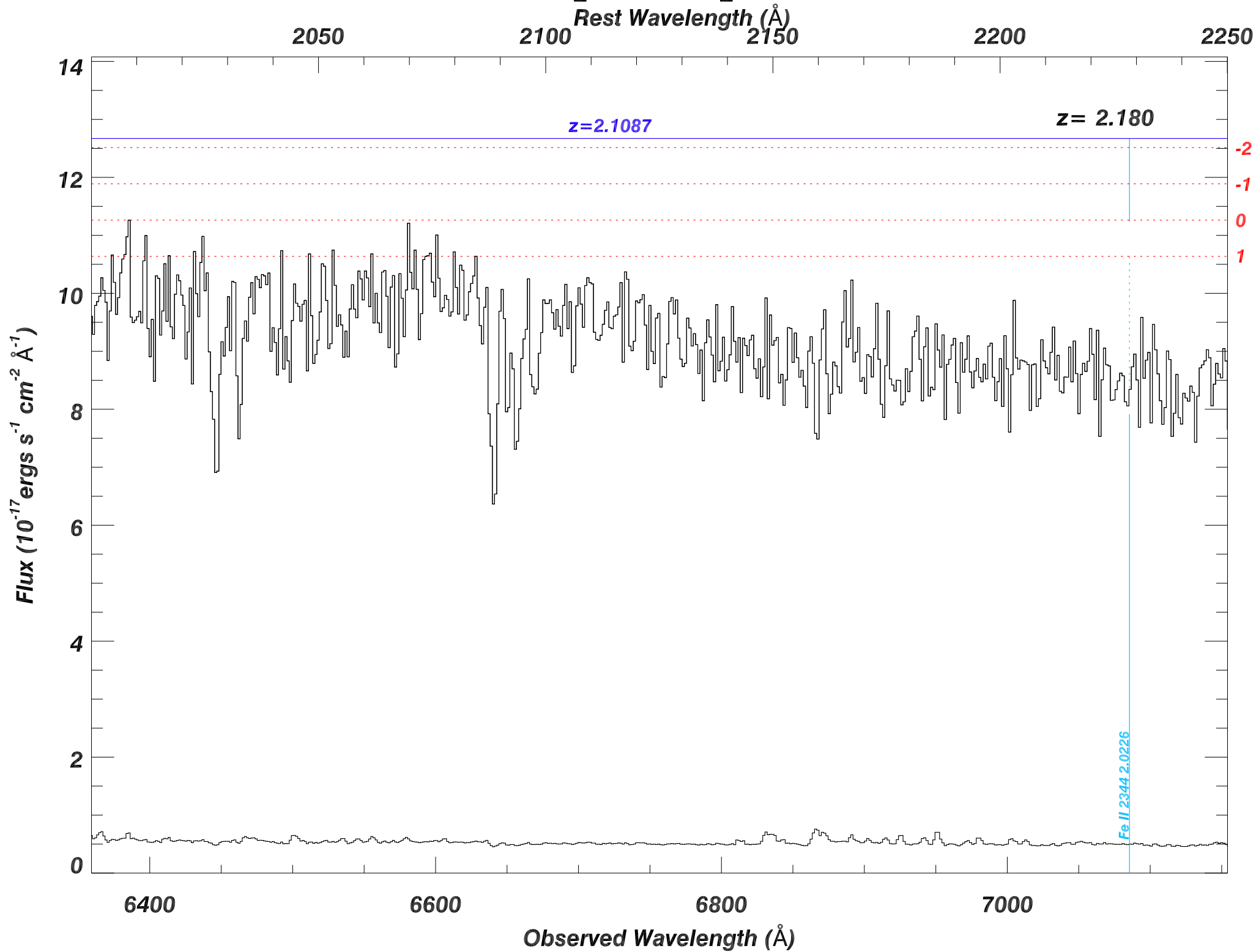
6200

6400

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



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## SDSS\_J0147-0452\_MJD56573

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

2250

2300

2350

2400

2450

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

12

10

8

6

4

2

0

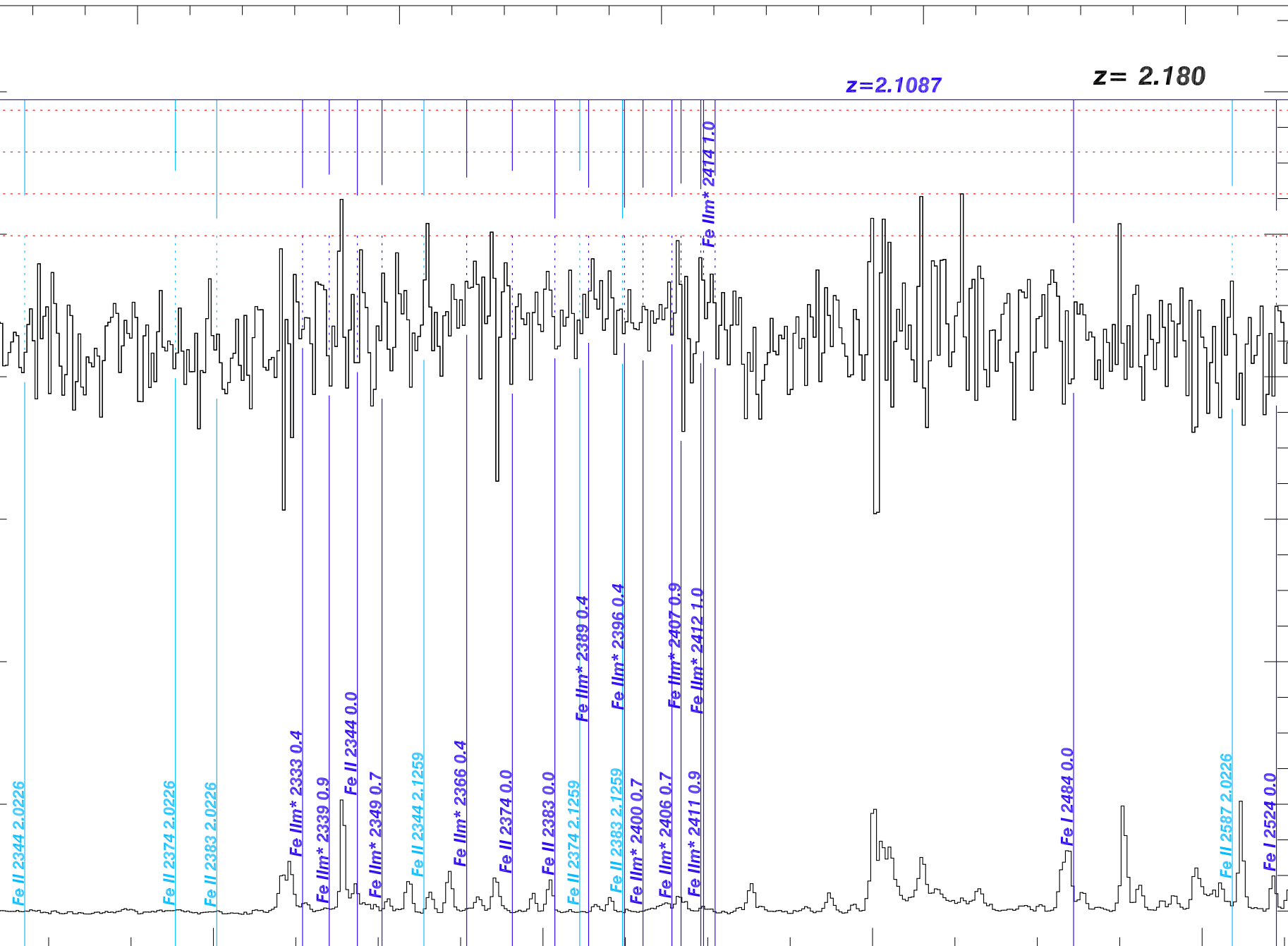
 $z=2.1087$  $z=2.180$ 

-2

-1

0

1



7200

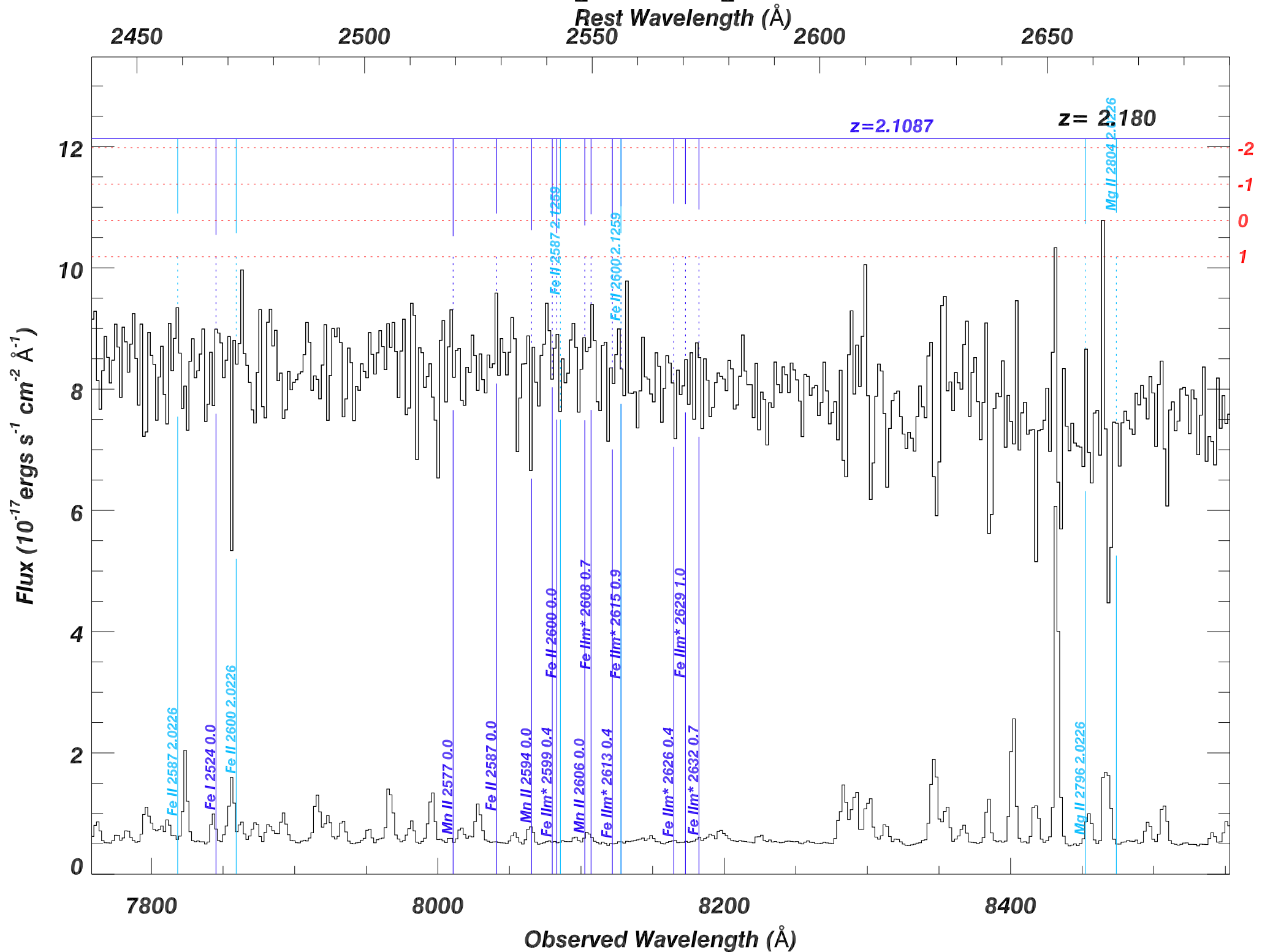
7400

7600

7800

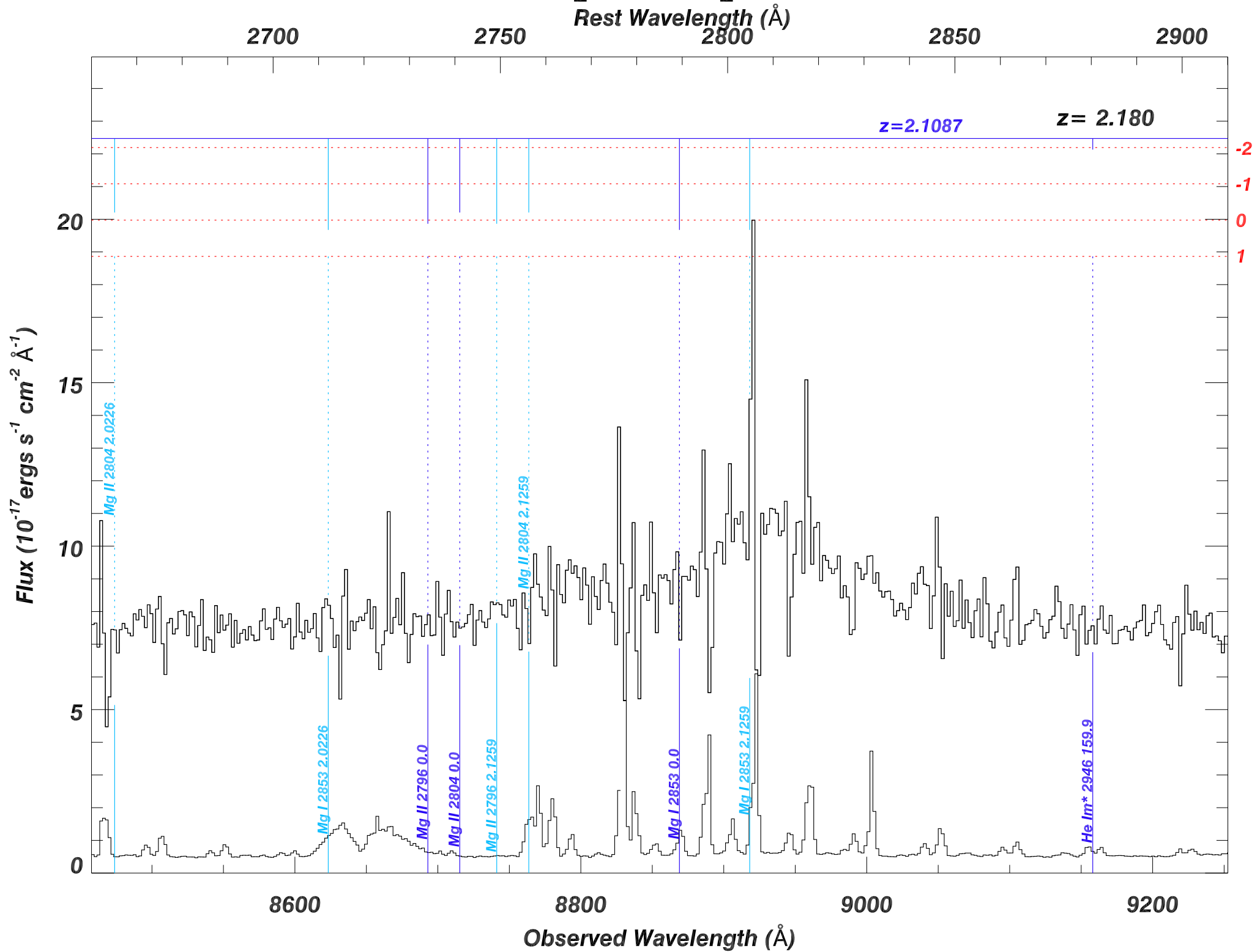
Observed Wavelength ( $\text{\AA}$ )

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# SDSS\_J0147-0452\_MJD56573

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

2900

2950

3000

3050

3100

$z=2.1087$

$z=2.180$

-2

-1

0

1

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

15

10

5

0

He I $\lambda$ \* 3189.159.9

He I $\lambda$ \* 2946.159.9

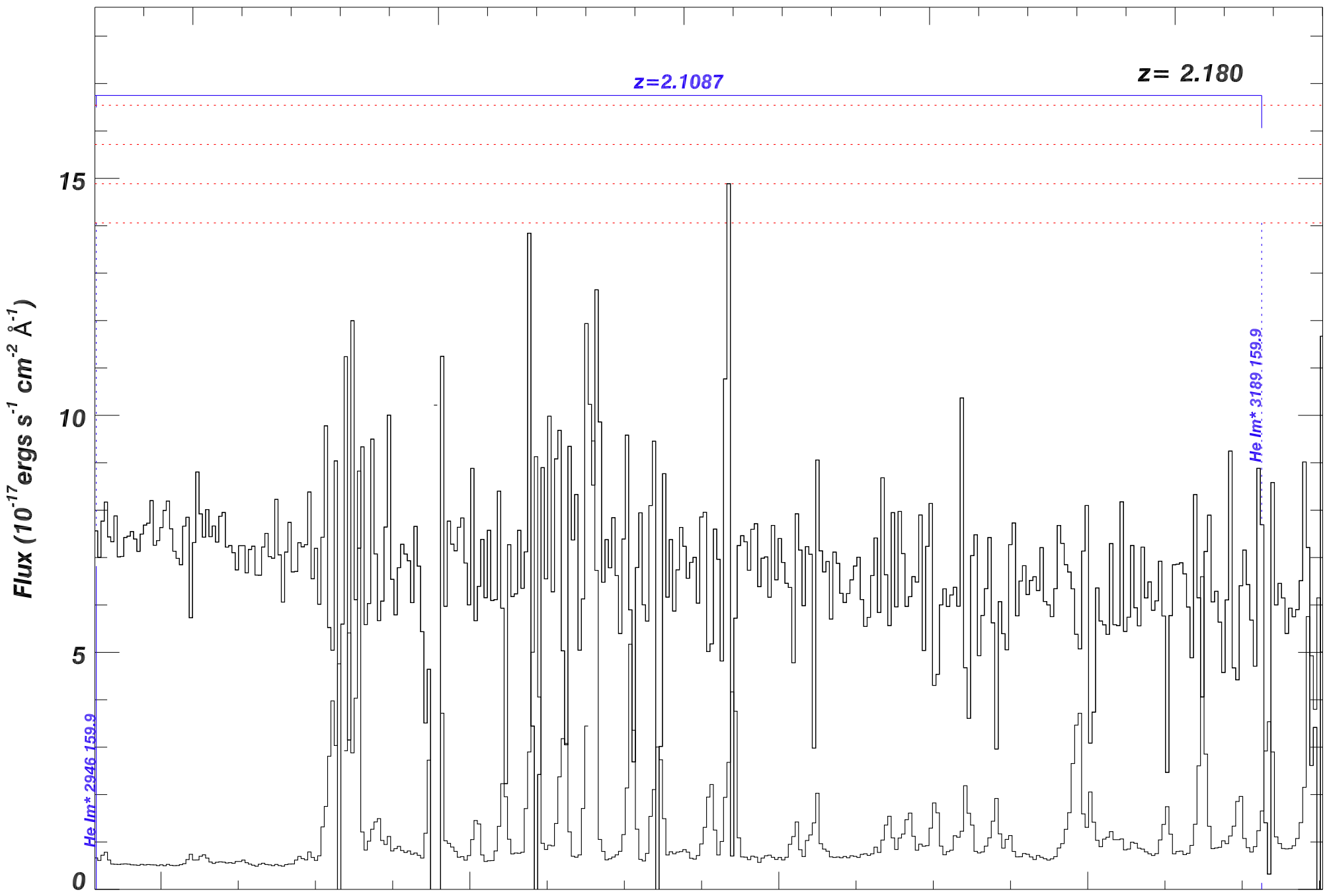
9200

9400

9600

9800

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



**SDSS\_J0147-0452\_MJD56573**

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

**3200**

**3300**

**3400**

**3500**

