

**SDSS\_J1623+4818\_MJD56448**

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

1000

1500

2000

2500

**$z = 2.850$**

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

80

60

40

20

0

4000

5000

6000

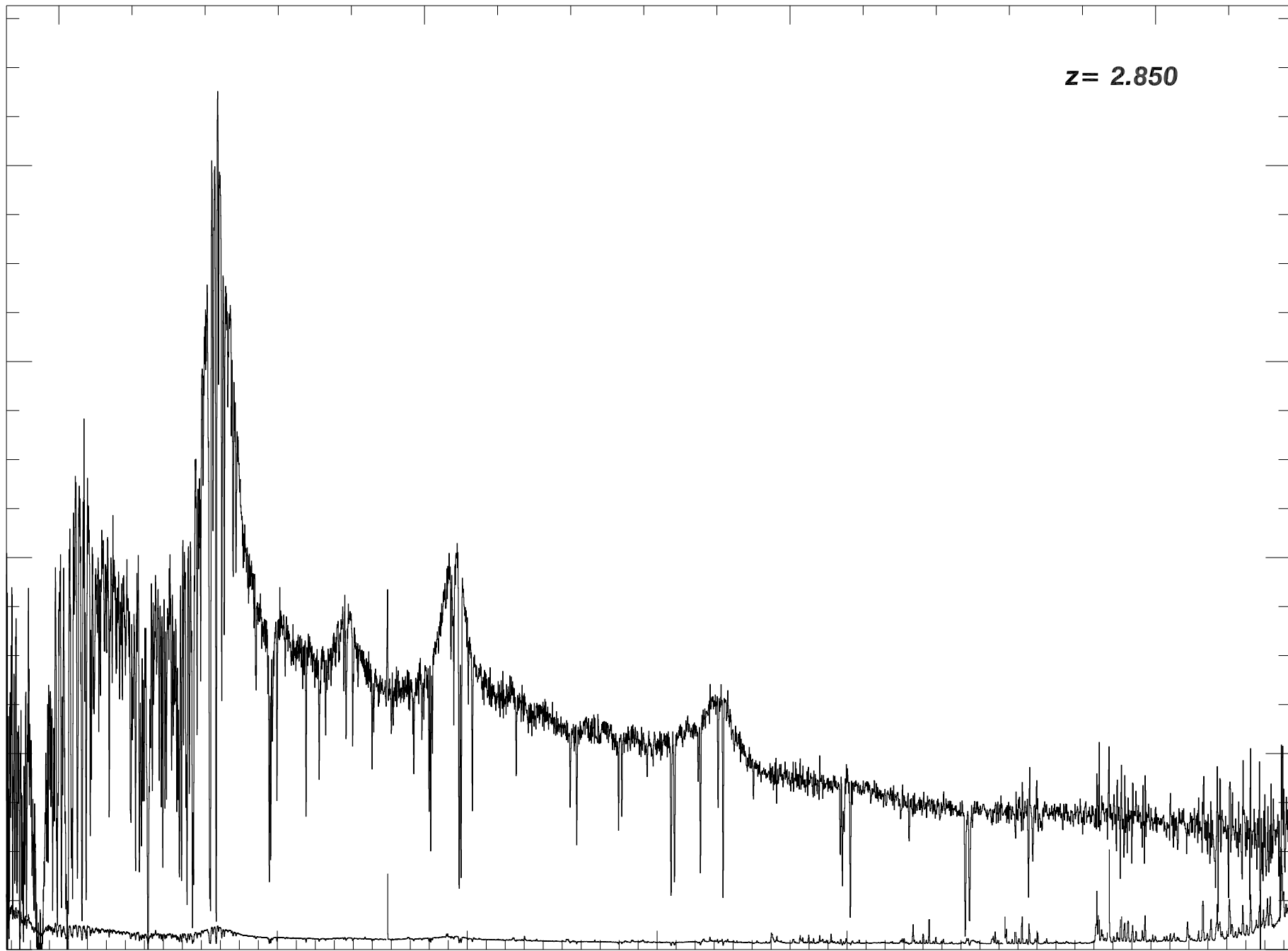
7000

8000

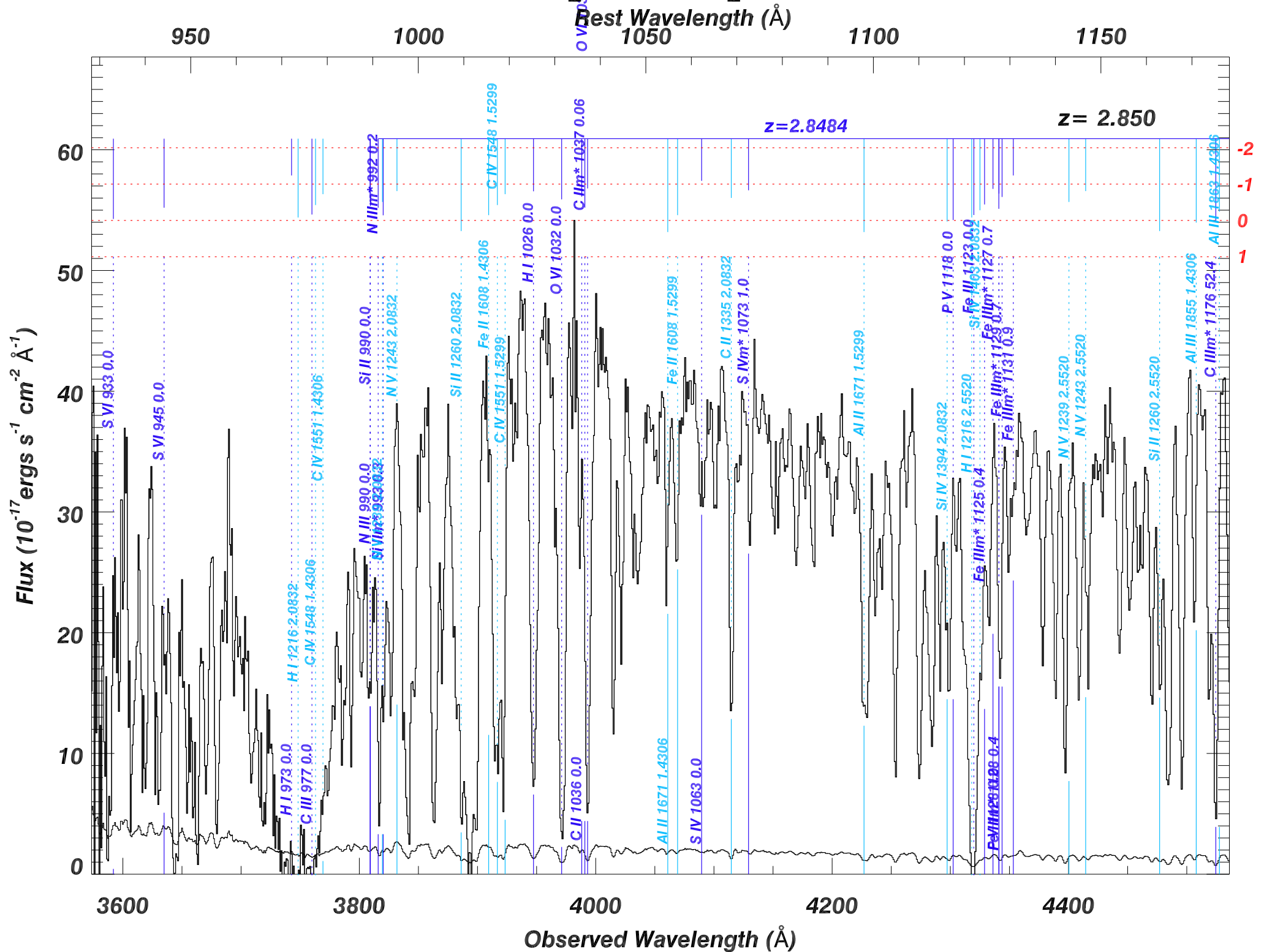
9000

10000

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



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Rest Wavelength (Å)

1150

1200

1250

1300

1350

$z = 2.850$   
 $z = 2.8484$

100  
80  
60  
40  
20  
0

-2  
-1  
0  
1

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

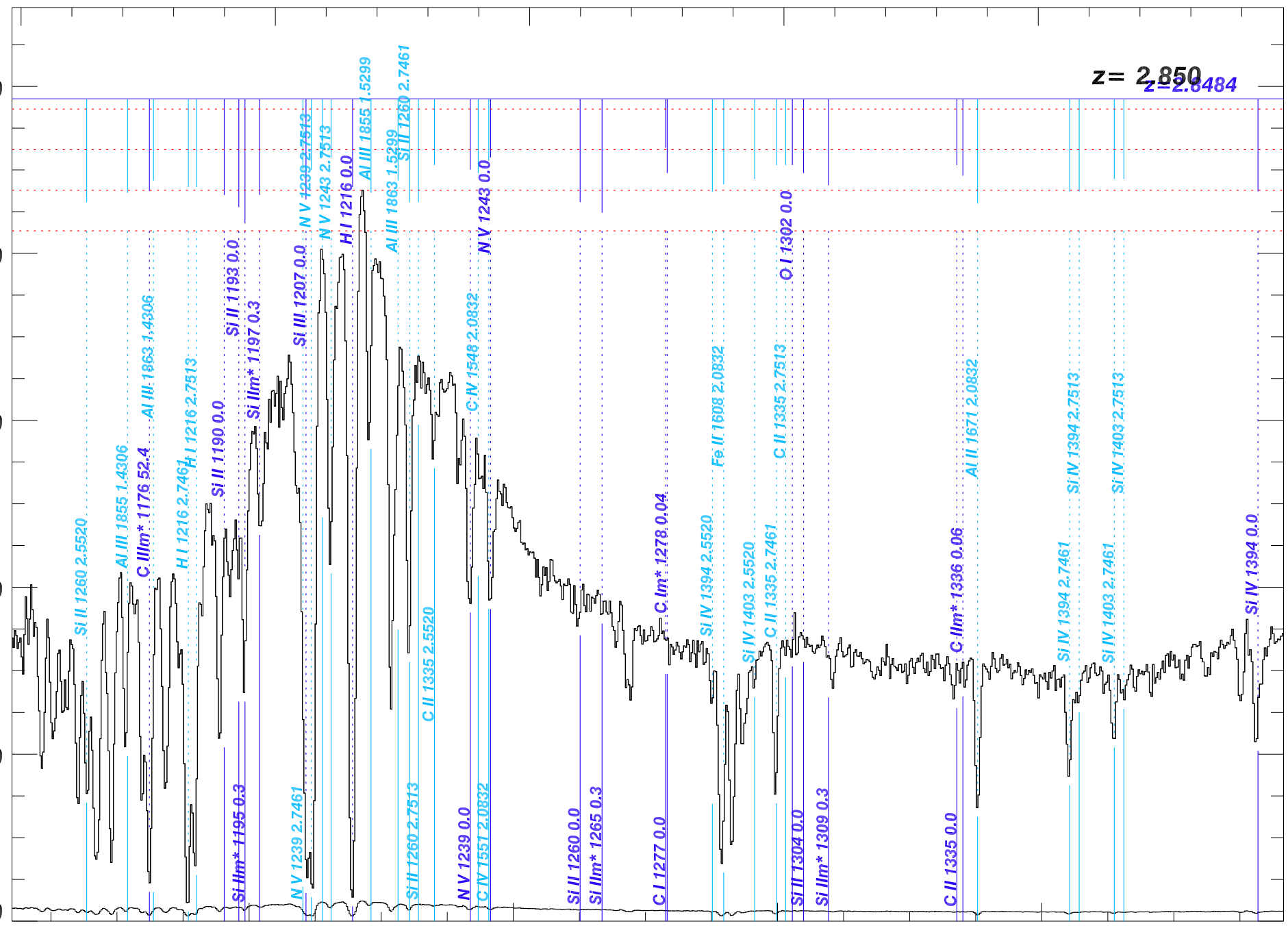
4600

4800

5000

5200

Observed Wavelength (Å)



## SDSS\_J1623+4818\_MJD56448

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

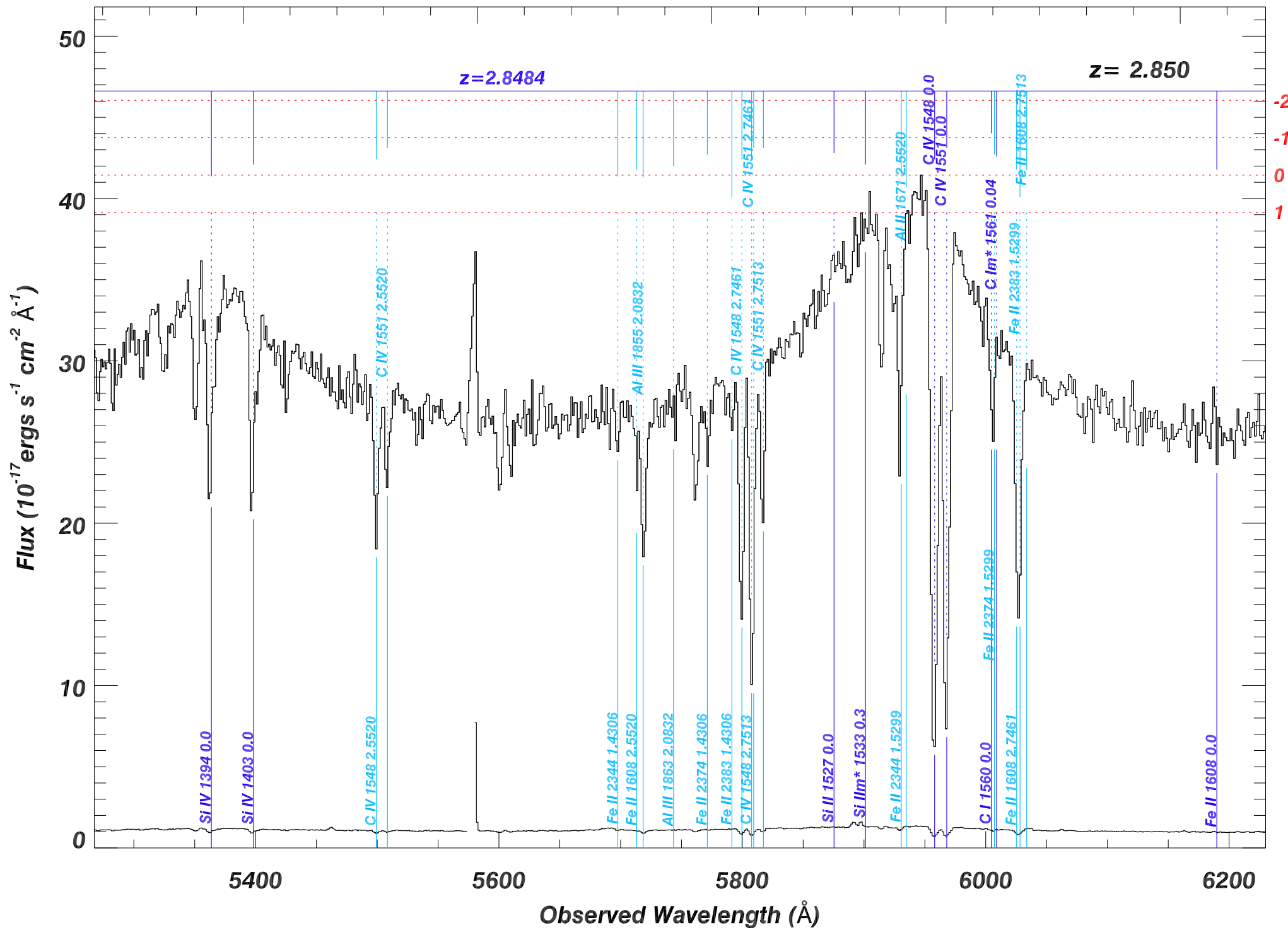
1400

1450

1500

1550

1600



# SDSS\_J1623+4818\_MJD56448

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

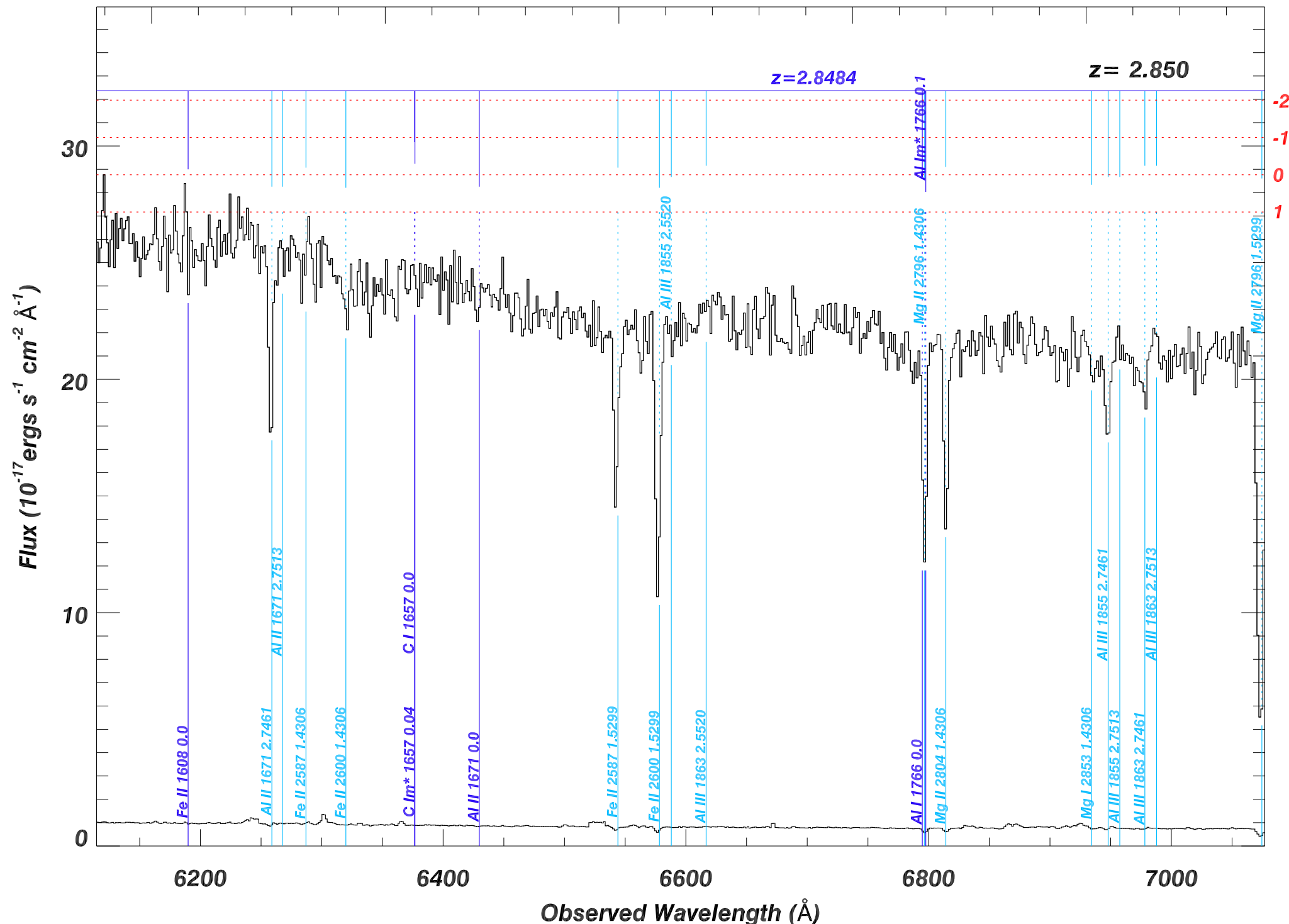
1600

1650

1700

1750

1800



# SDSS\_J1623+4818\_MJD56448

Rest Wavelength (Å)

1850

1900

1950

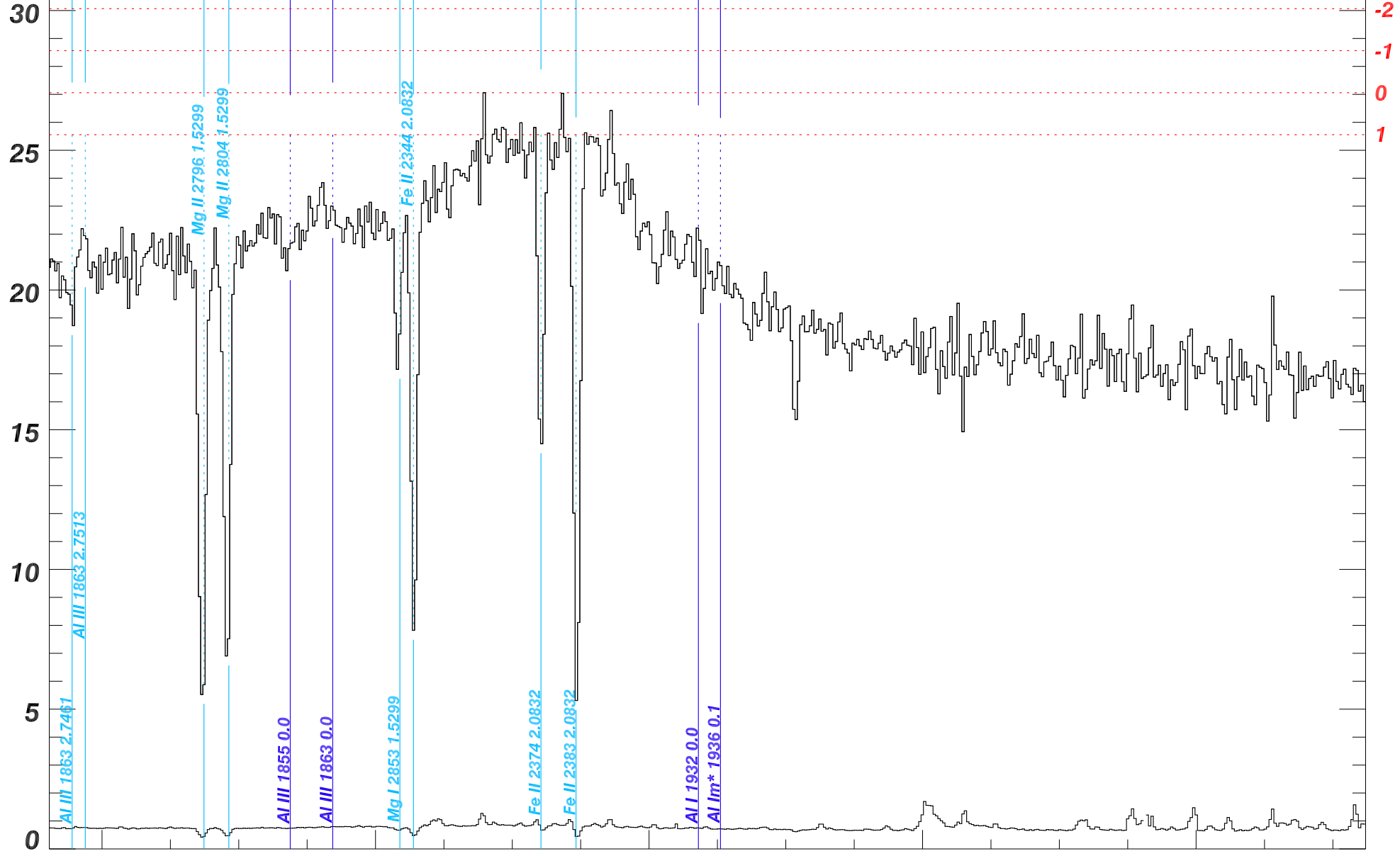
2000

2050

$z=2.8484$

$z=2.850$

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



7000

7200

7400

7600

7800

Observed Wavelength (Å)

# SDSS\_J1623+4818\_MJD56448

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

2050

2100

2150

2200

2250

$z=2.8484$

$z= 2.850$

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

20

15

10

5

0

-2

-1

0

1

Fe II 2587 2.0832

Fe II 2600 2.0832

Fe II 2344 2.5520

Fe II 2374 2.5520

Fe II 2383 2.5520

Mg II 2796 2.0832

Mg II 2804 2.0832

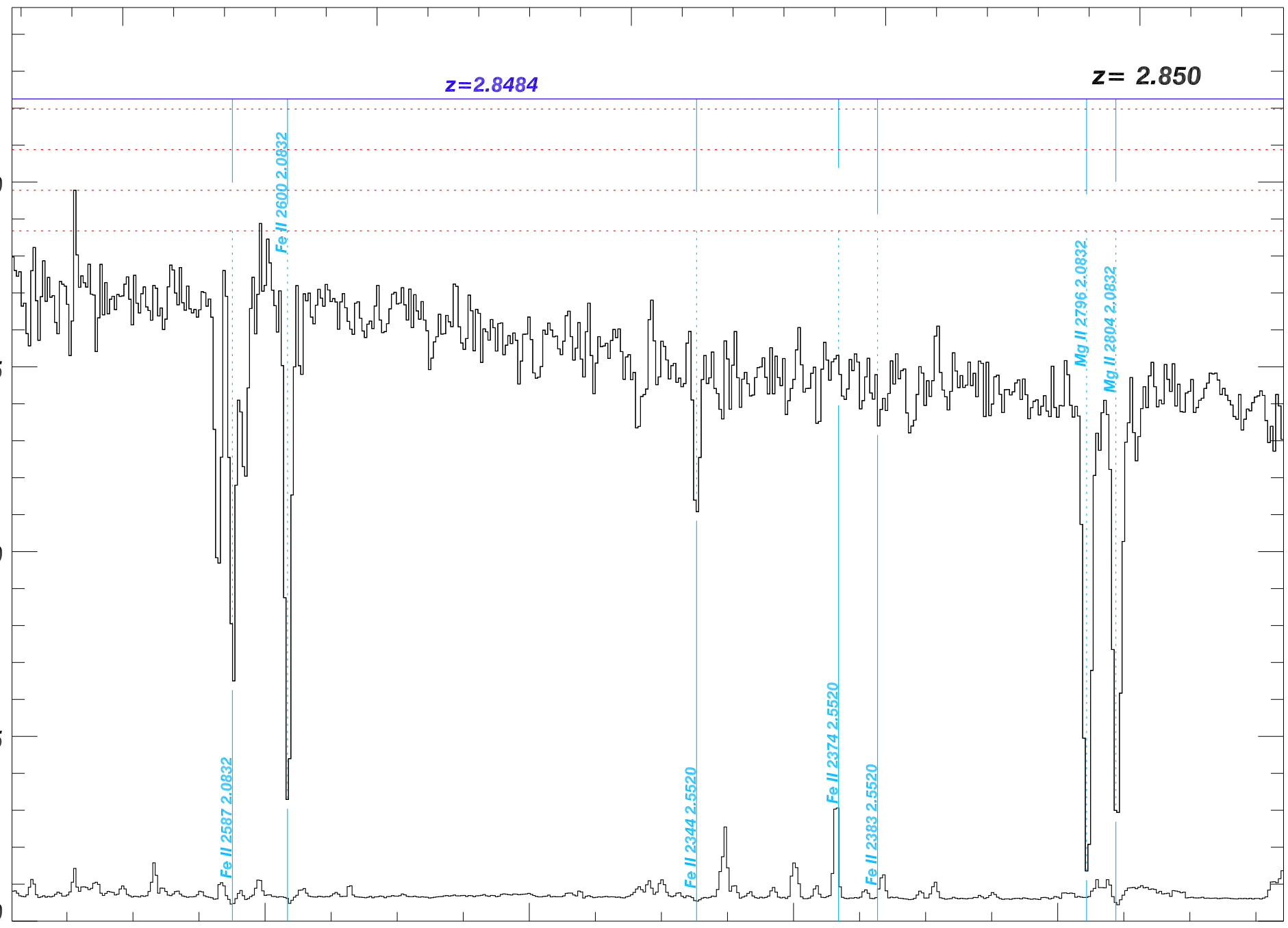
8000

8200

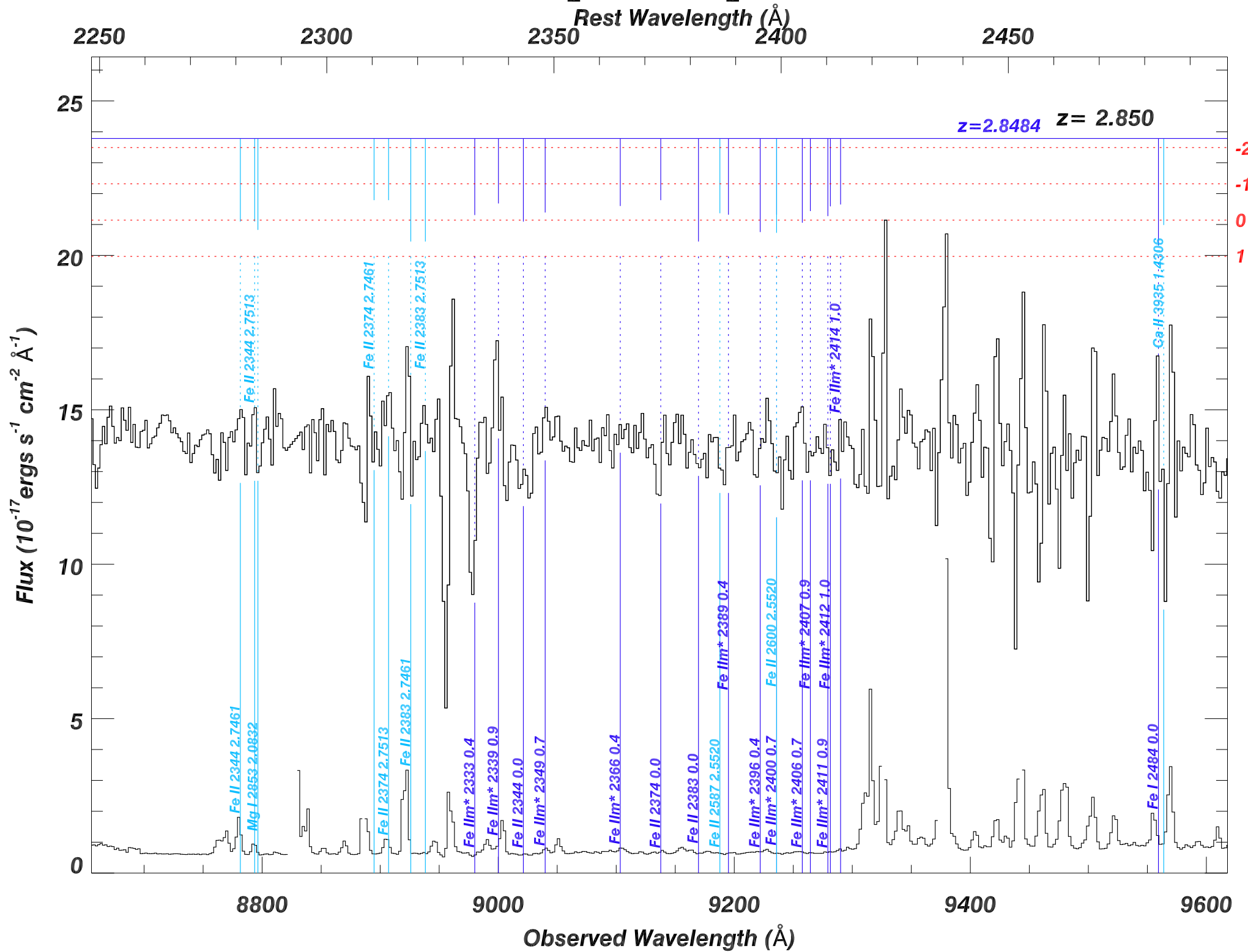
8400

8600

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



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