

**SDSS\_J0946+3800\_MJD55622**

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

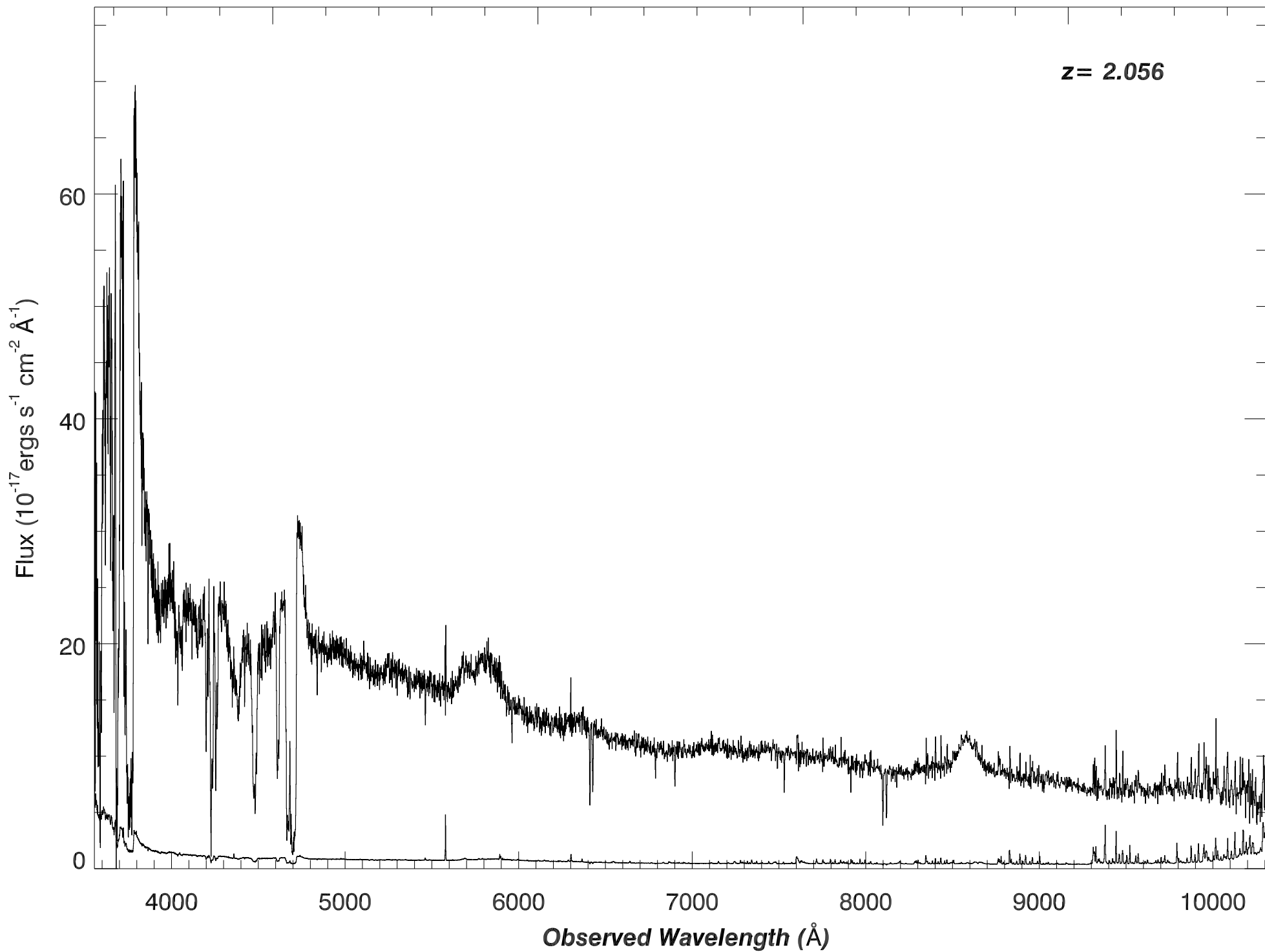
**1500**

**2000**

**2500**

**3000**

**$z = 2.056$**



# SDSS\_J0946+3800\_MJD55622

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

1200

1250

1300

1350

1400

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

80

60

40

20

0

$z=2.0333$

$z=2.056$

-2  
-1  
0  
1

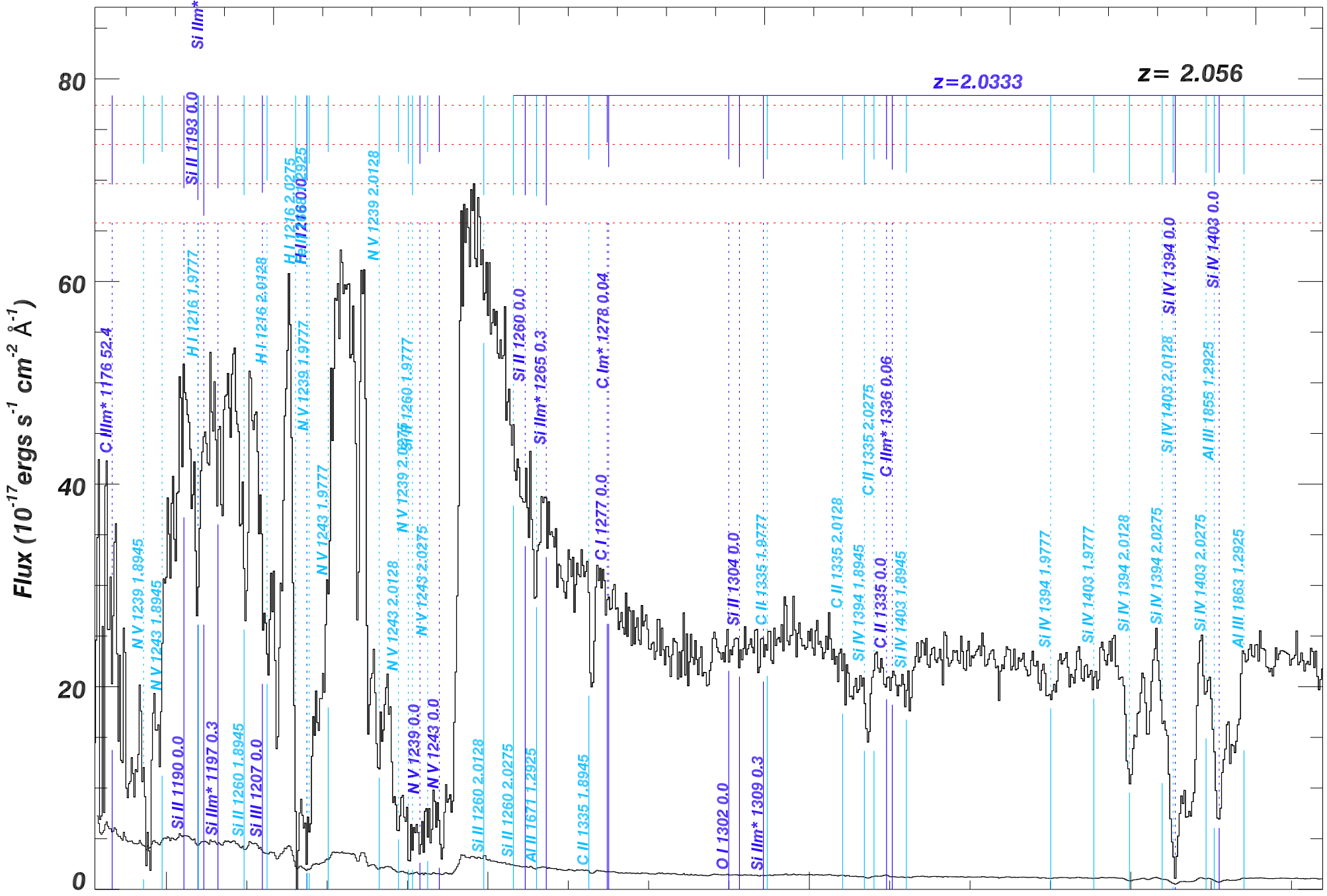
3600

3800

4000

4200

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



# SDSS\_J0946+3800\_MJD55622

Rest Wavelength (Å)

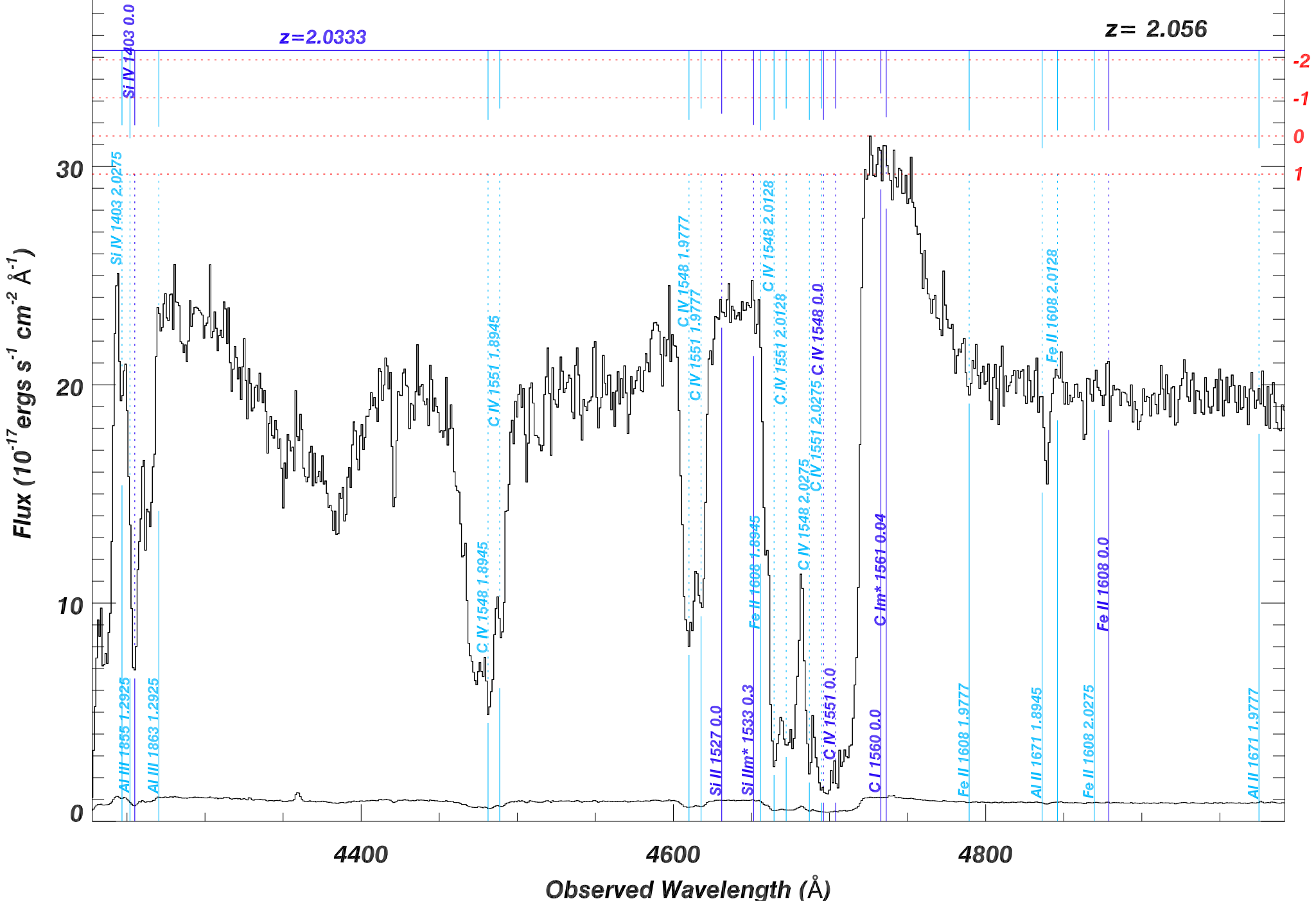
1400

1450

1500

1550

1600



$z=2.0333$

$z=2.056$

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

30

20

10

0

-2

-1

0

1

4400

4600

4800

Observed Wavelength (Å)

Si IV 1403 0.0

Si IV 1403 2.0275

Al III 1855 1.2925

Al III 1863 1.2925

C IV 1548 1.8945

C IV 1551 1.8945

C IV 1548 1.9777

C IV 1551 1.9777

Si II 1527 0.0

Si II m\* 1533 0.3

Fe II 1608 1.8945

C IV 1548 2.0128

C IV 1551 2.0128

C IV 1548 2.0275

C IV 1551 2.0275

C IV 1548 0.0

C IV 1551 0.0

C I 1560 0.0

C I m\* 1561 0.04

Fe II 1608 1.9777

Al III 1671 1.8945

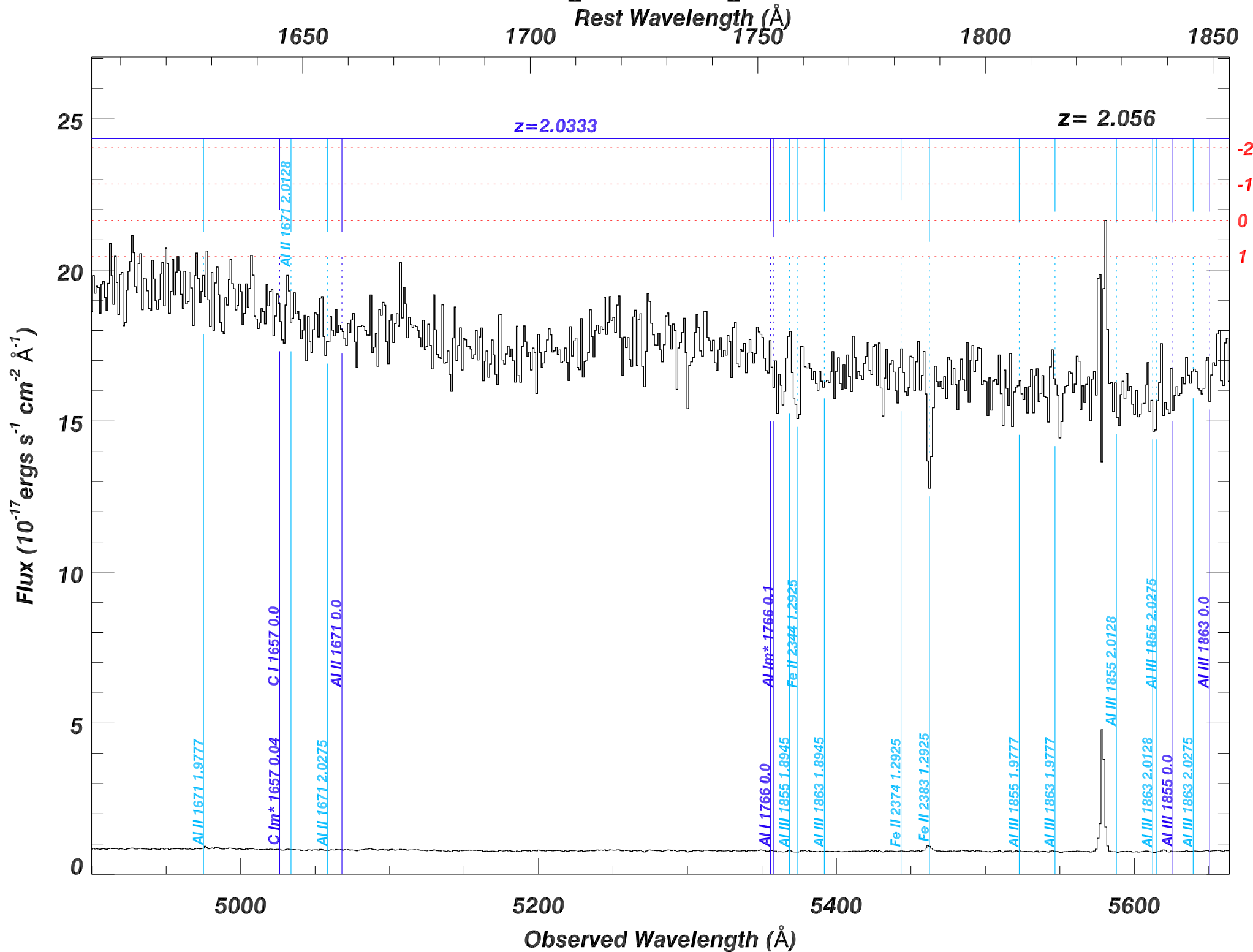
Fe II 1608 2.0275

Fe II 1608 0.0

Fe II 1608 2.0128

Al III 1671 1.9777

# SDSS\_J0946+3800\_MJD55622



# SDSS\_J0946+3800\_MJD55622

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

1850

1900

1950

2000

2050

25

$z=2.0333$

$z=2.056$

-2

-1

0

1

20

15

10

5

0

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

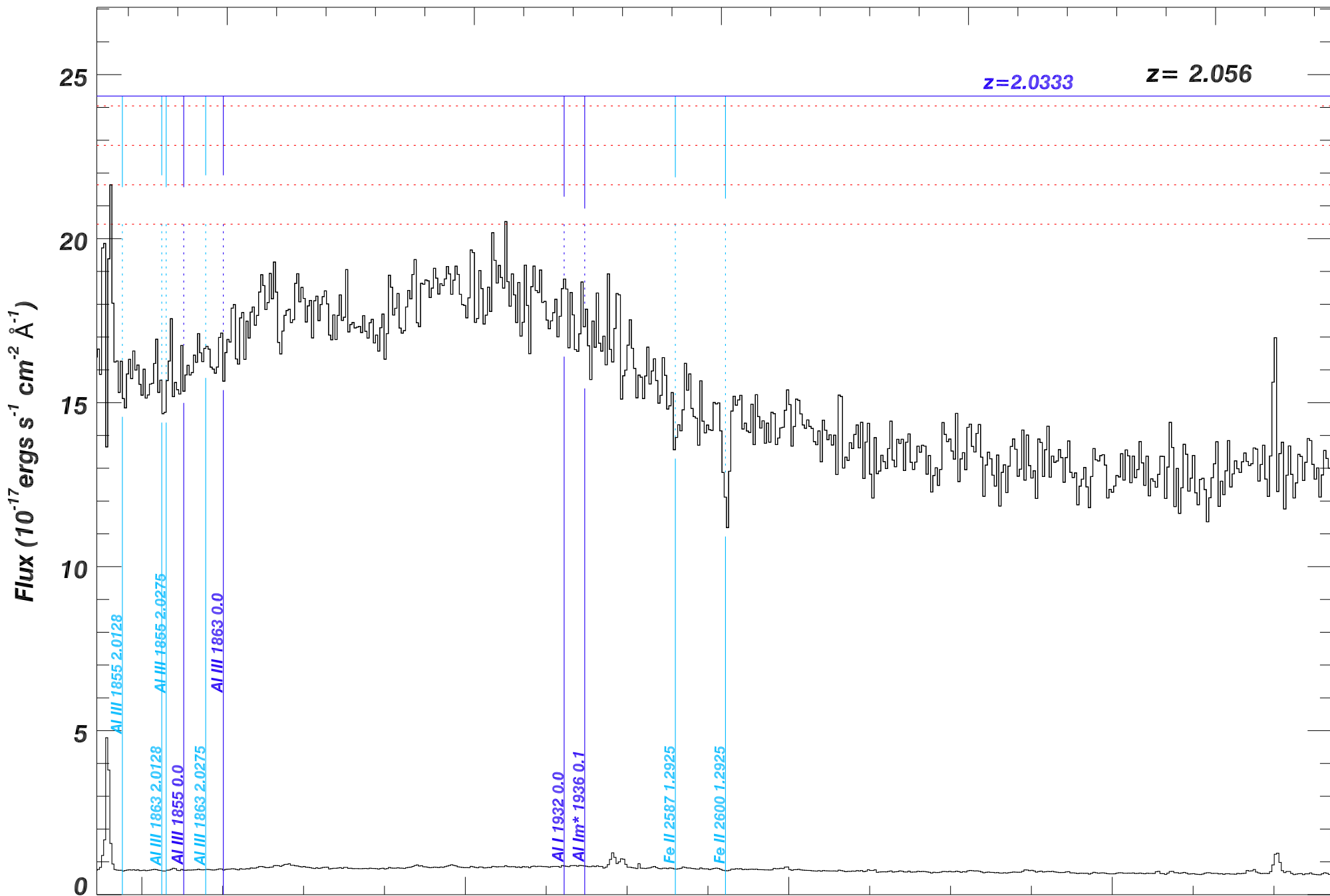
5600

5800

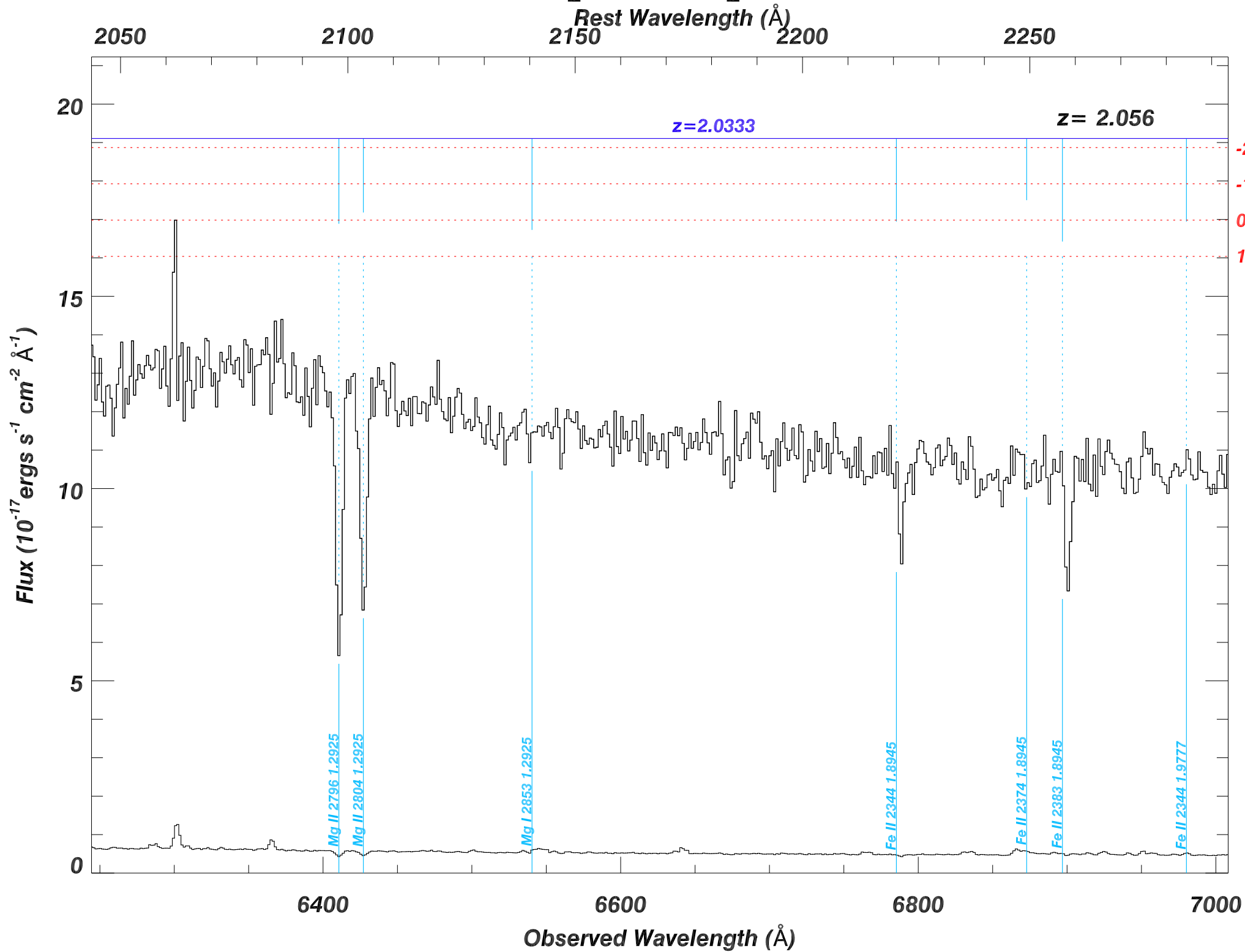
6000

6200

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



# SDSS\_J0946+3800\_MJD55622



## SDSS\_J0946+3800\_MJD55622

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

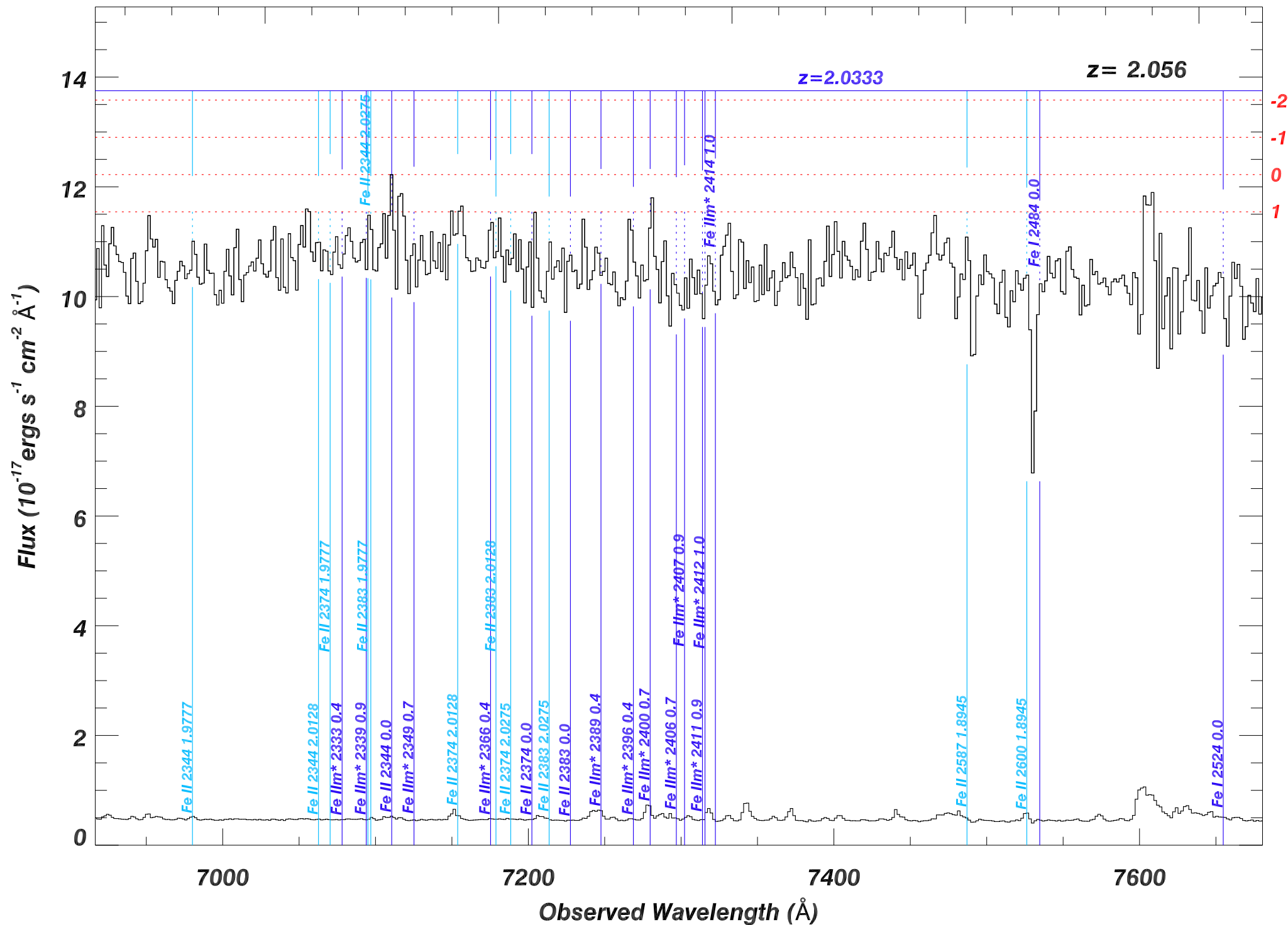
2300

2350

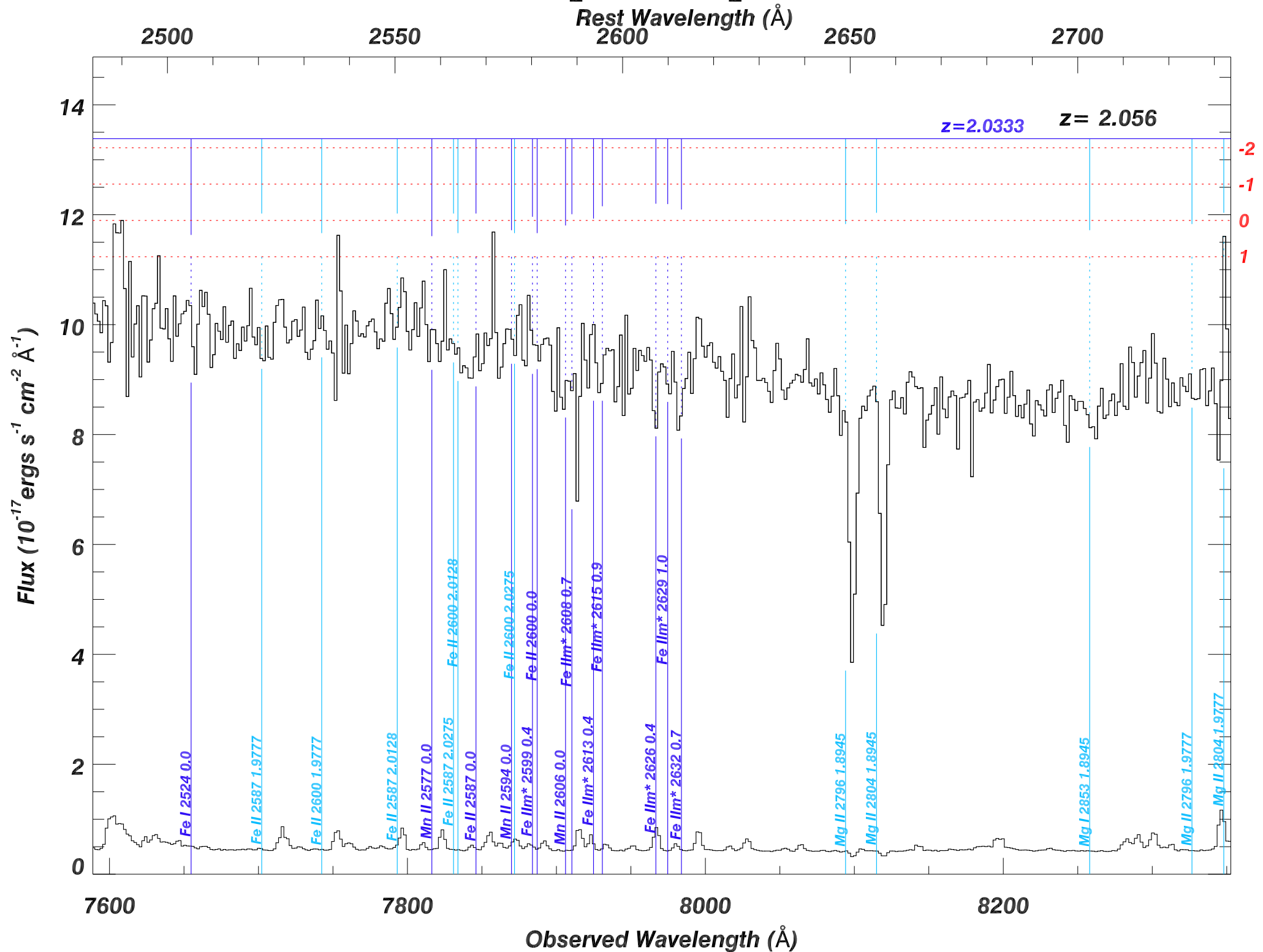
2400

2450

2500



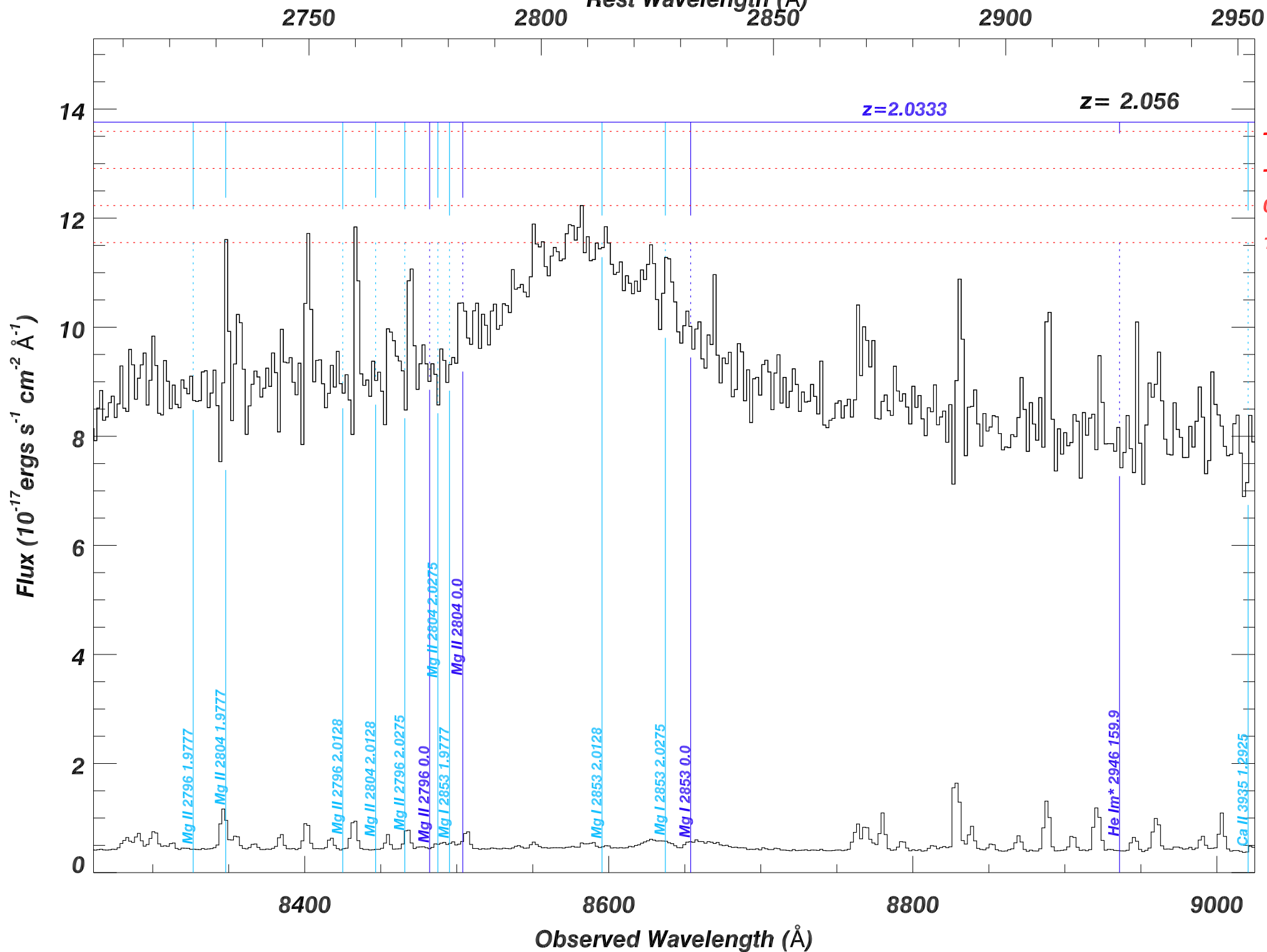
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# SDSS\_J0946+3800\_MJD55622

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



# SDSS\_J0946+3800\_MJD55622

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

2950

3000

3050

3100

3150

$z=2.0333$

$z=2.056$

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

14  
12  
10  
8  
6  
4  
2  
0

-2  
-1  
0  
1

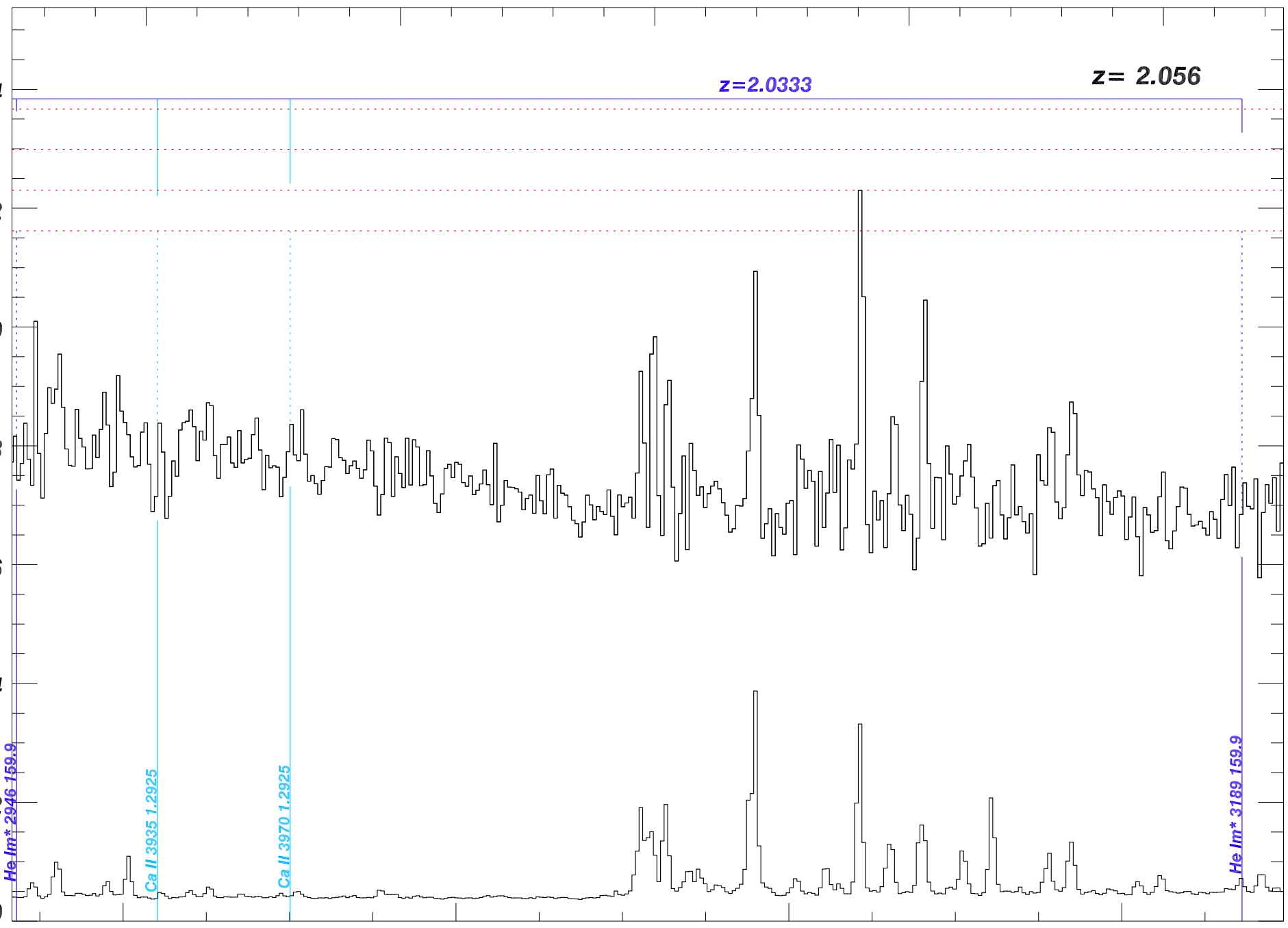
9000

9200

9400

9600

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



# SDSS\_J0946+3800\_MJD55622

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

3200

3300

3400

3500

$z = 2.056$

$z = 2.0333$

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

15

10

5

0

-2

-1

0

1

He I m\* 3189.159.9

$9.80 \times 10^3$

$1.00 \times 10^4$

$1.02 \times 10^4$

$1.04 \times 10^4$

$1.06 \times 10^4$

$1.08 \times 10^4$

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

