

SDSS_J1111+2322_MJD56331

Rest Wavelength (\AA)

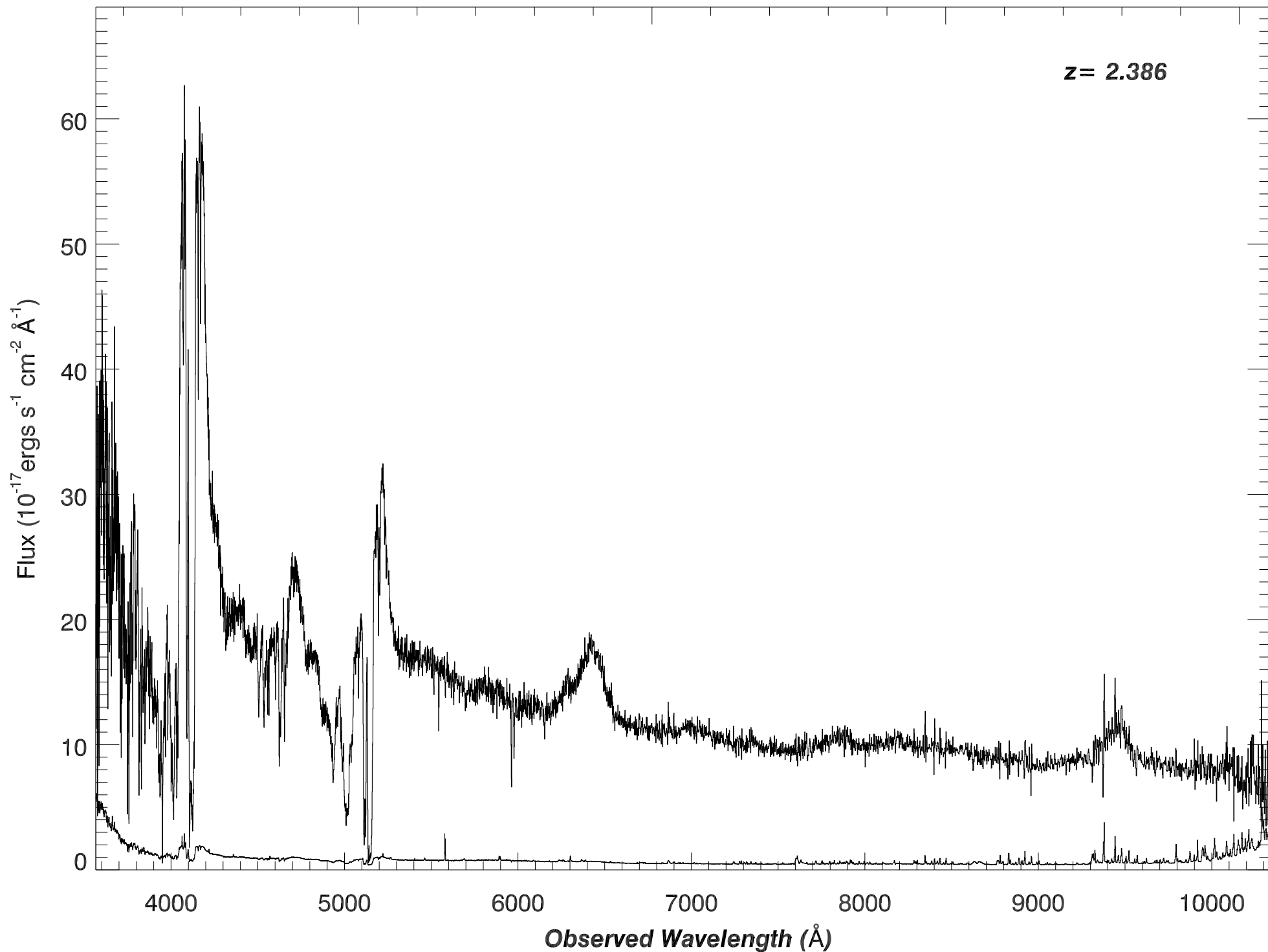
1500

2000

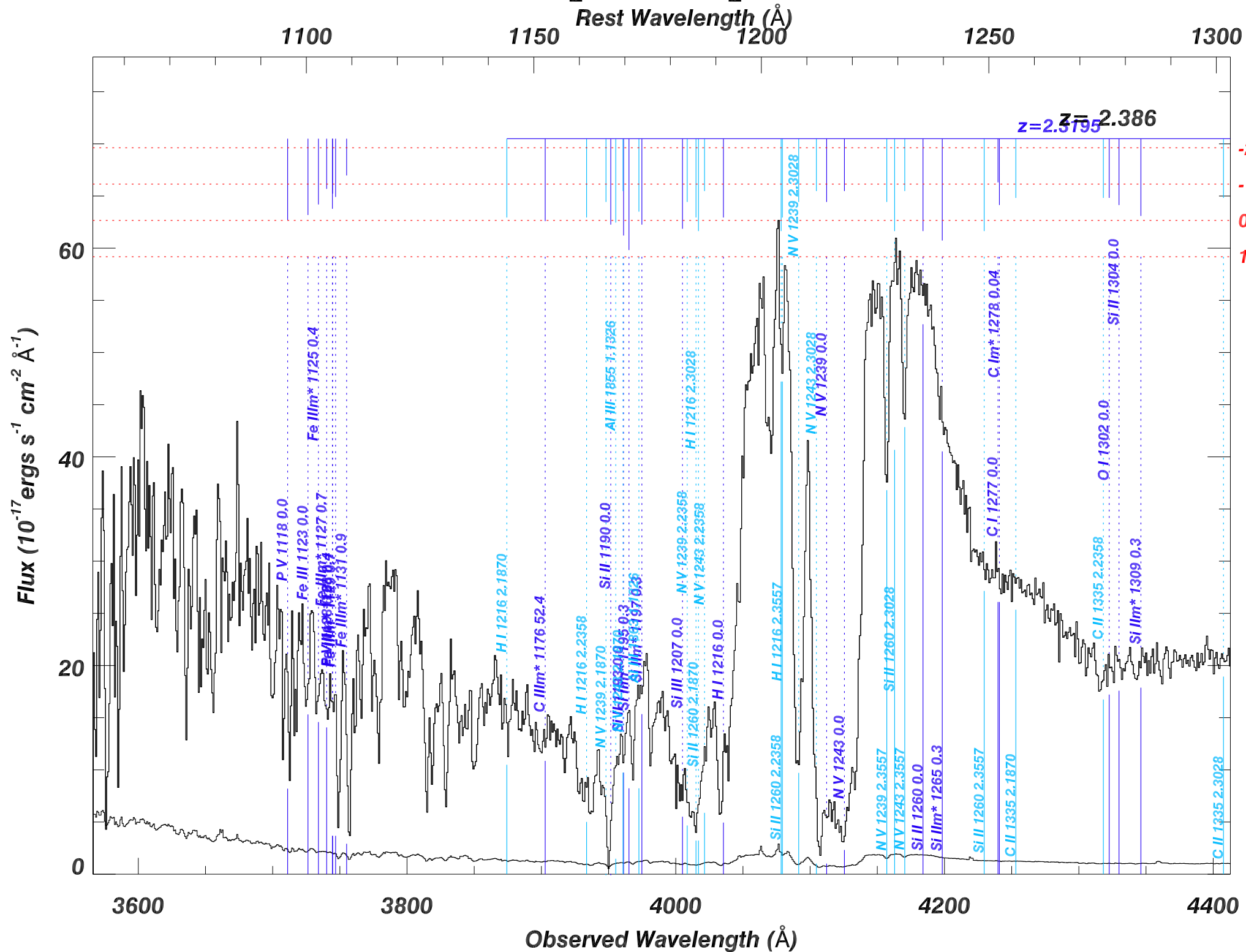
2500

3000

z = 2.386

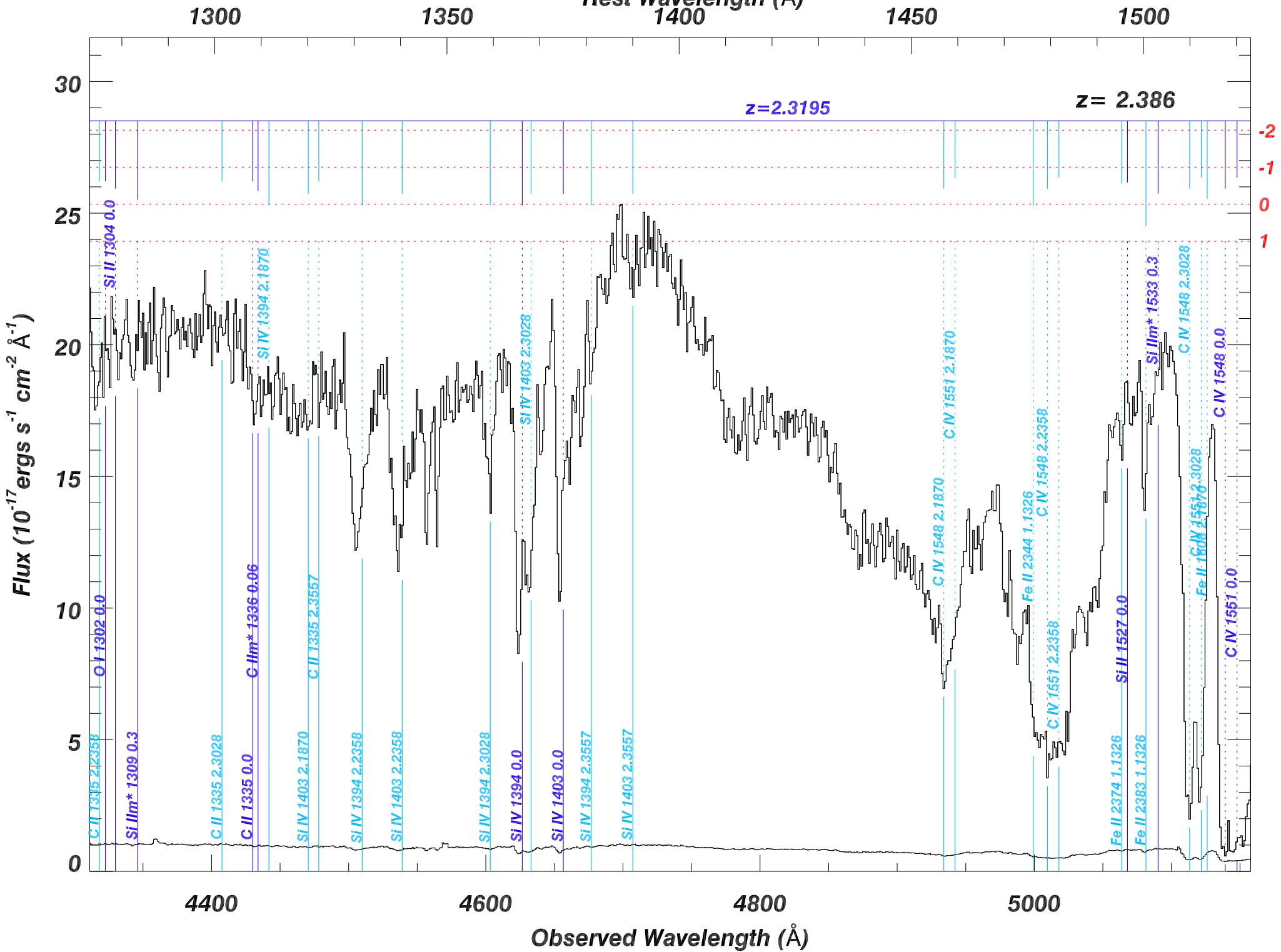


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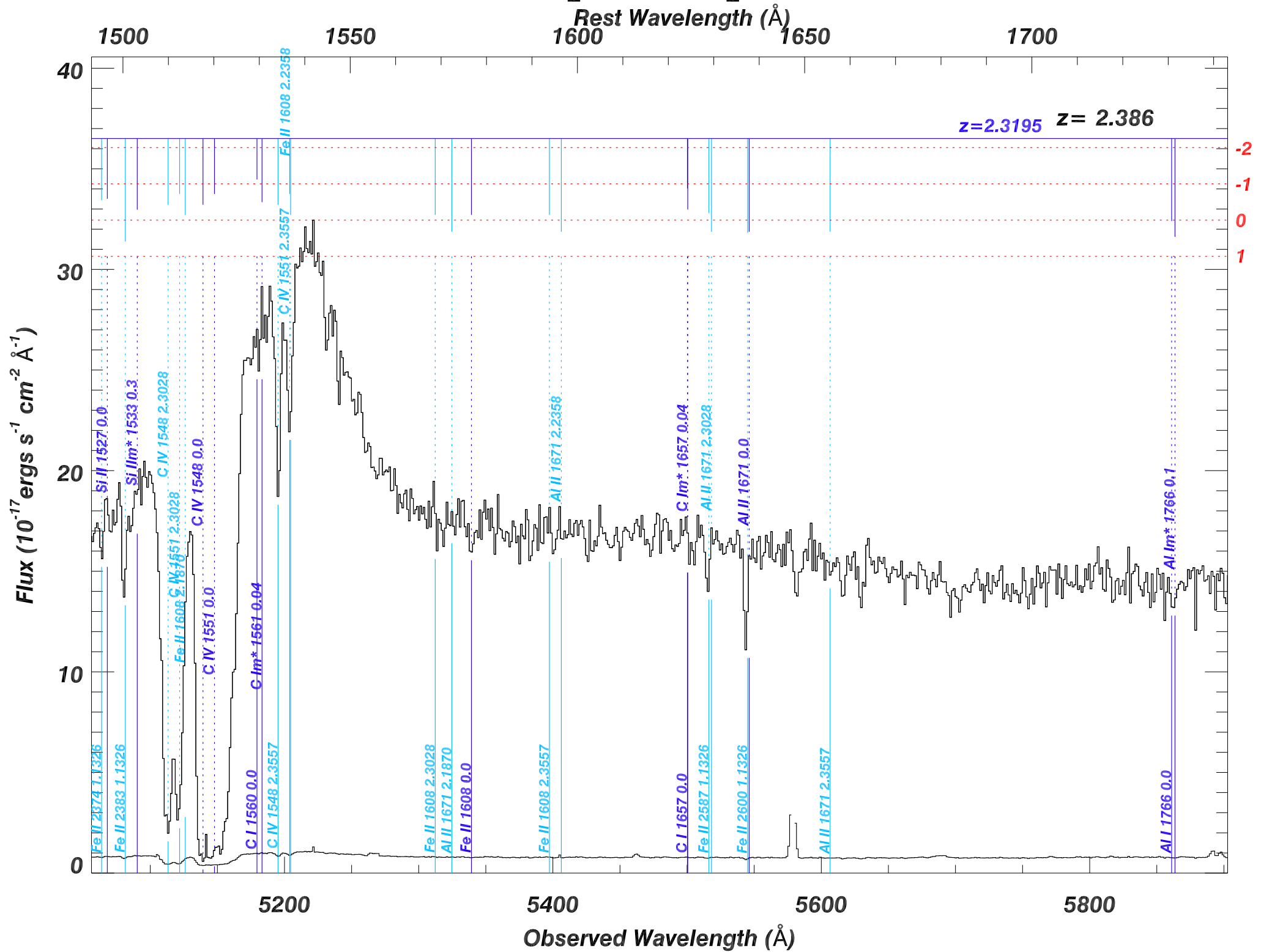


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Rest Wavelength (\AA)



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SDSS_J1111+2322_MJD56331

Rest Wavelength (\AA)

1750

1800

1850

1900

1950

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

20

15

10

5

0

-2
-1
0
1

$z = 2.386$
 ~~$z = 2.3155$~~

Al I 1766 0.0
Al Im* 1766 0.1

Al III 1855 2.1870

Al III 1863 2.1870

Mg II 2796 1.1326

Mg II 2804 1.1326

Al III 1855 2.2358

Al III 1863 2.2358

Mg I 2853 1.1326

Al III 1855 2.3028

Al III 1863 2.3028

Al III 1855 0.0

Al III 1863 0.0

Al III 1855 2.3557

Al III 1863 2.3557

Al I 1932 0.0

Al Im* 1936 0.1

6000

6200

6400

6600

Observed Wavelength (\AA)

SDSS_J1111+2322_MJD56331

Rest Wavelength (\AA)

1950

2000

2050

2100

2150

$z = 2.386$

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

15

10

5

0

-2

-1

0

1

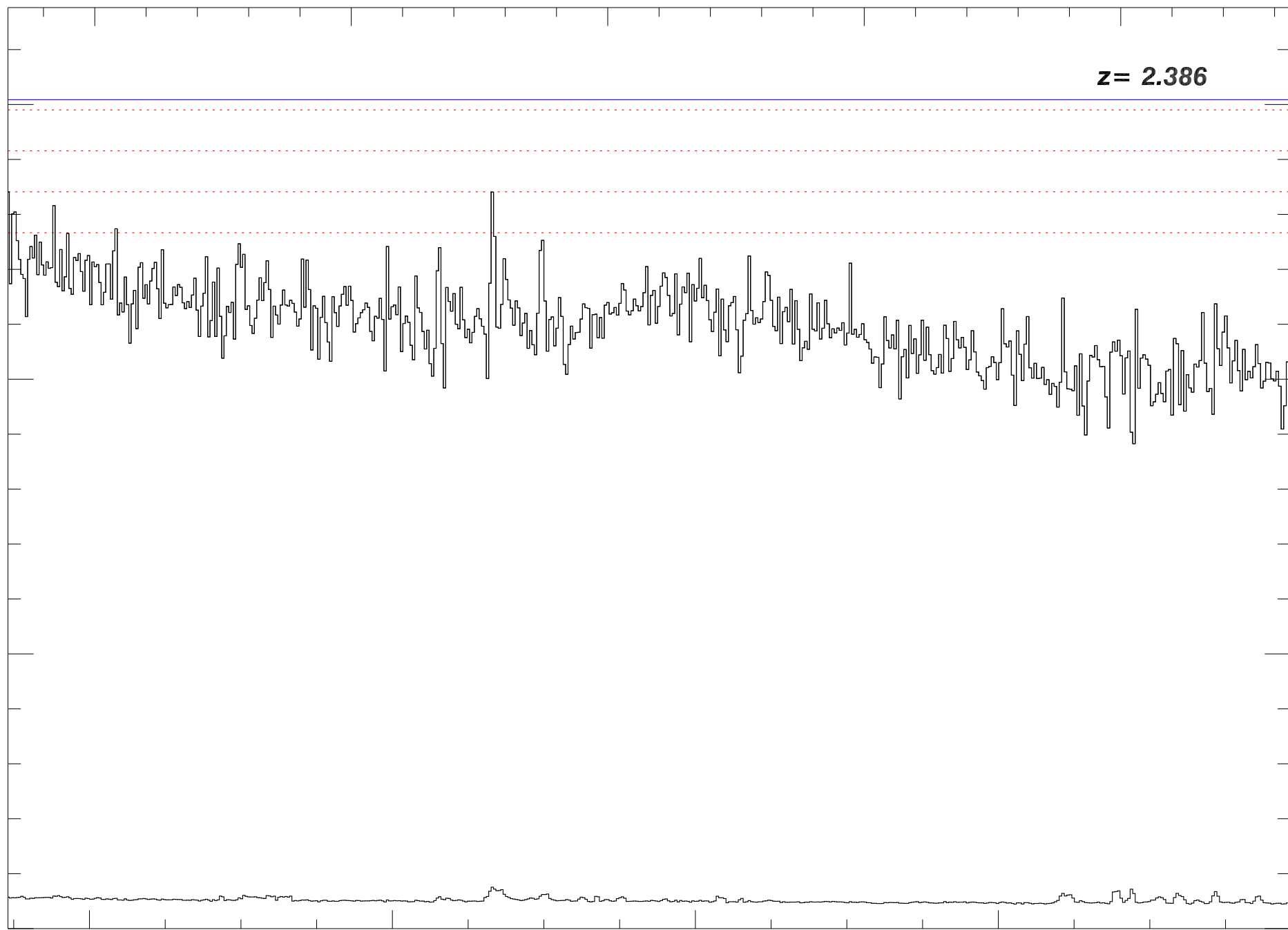
6600

6800

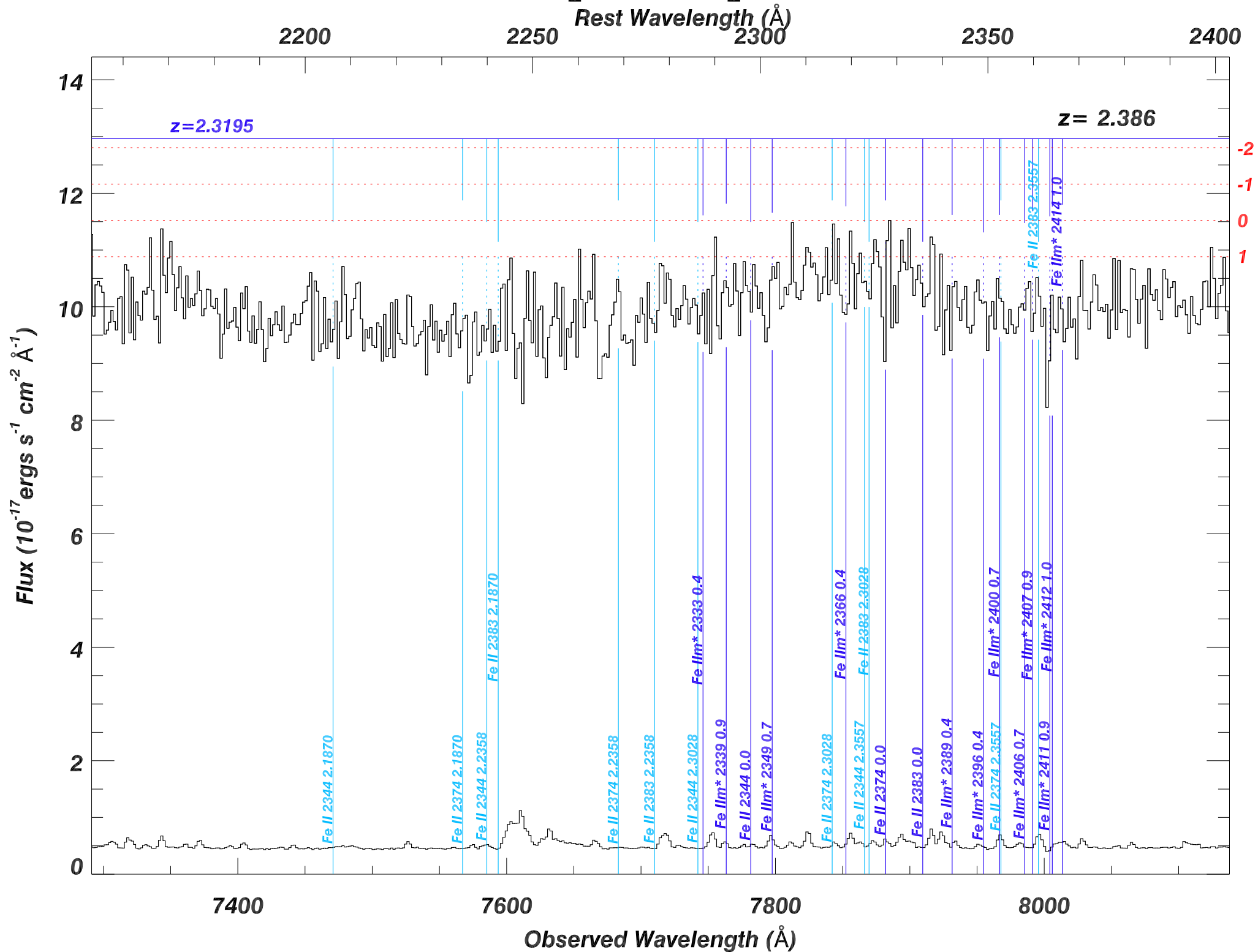
7000

7200

Observed Wavelength (\AA)



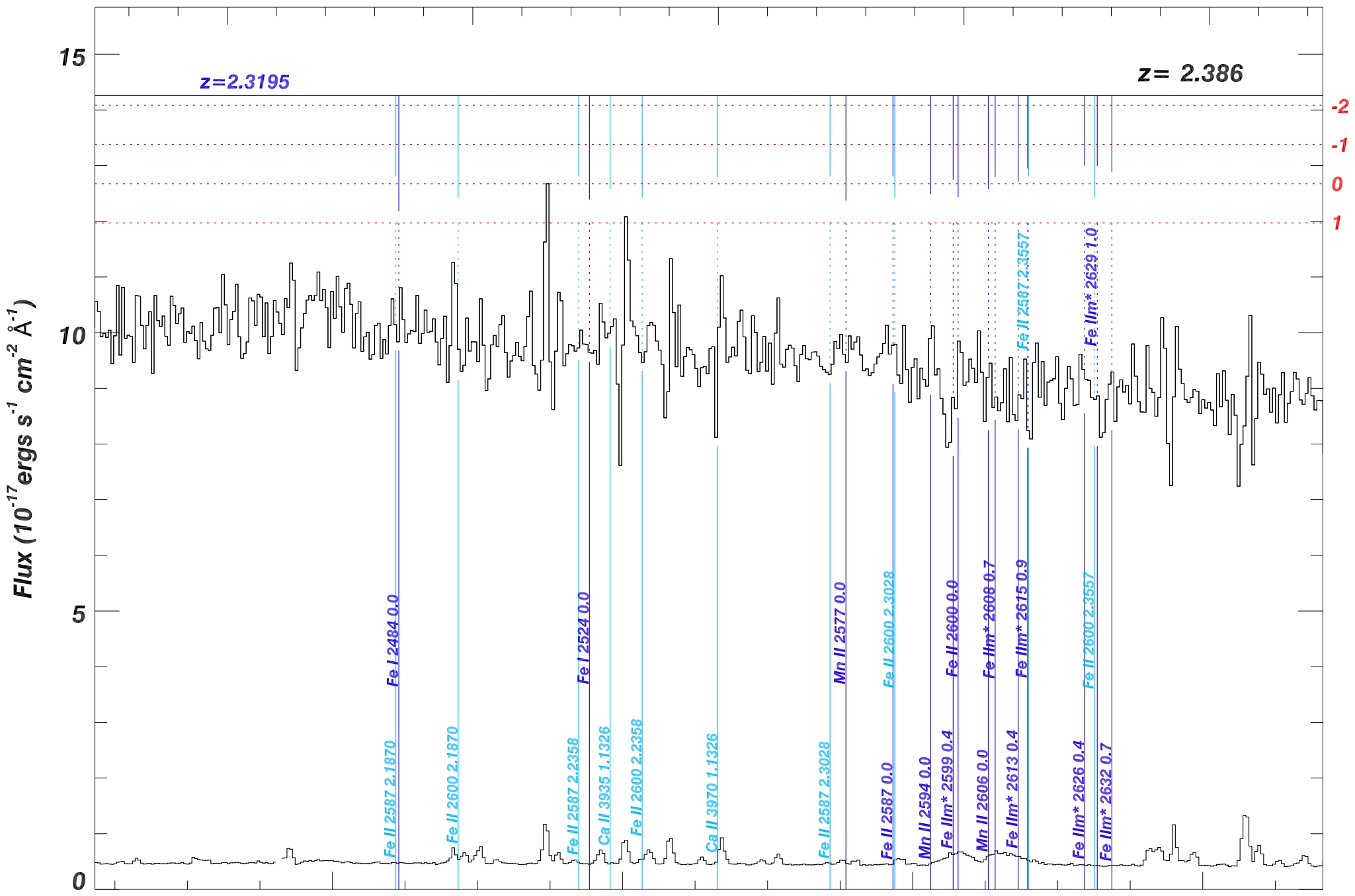
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SDSS_J1111+2322_MJD56331

Rest Wavelength (\AA)

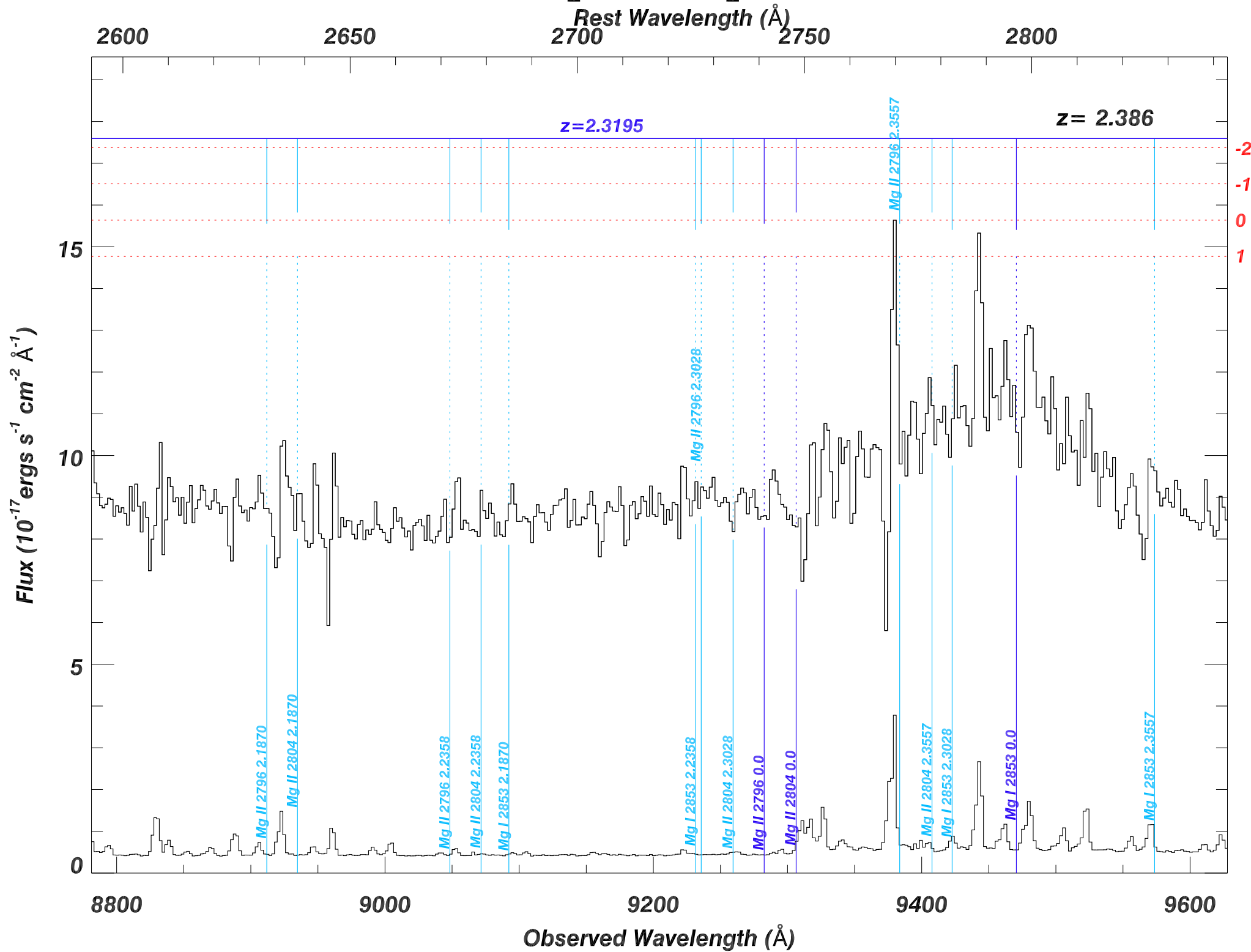
2400 2450 2500 2550 2600



8200 8400 8600 8800

Observed Wavelength (\AA)

SDSS_J1111+2322_MJD56331



SDSS_J1111+2322_MJD56331

Rest Wavelength (\AA)

2850

2900

2950

3000

3050

$z=2.3195$

$z= 2.386$

-2

-1

0

1

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

15

10

5

0

9.60×10^3

9.80×10^3

1.00×10^4

1.02×10^4

Observed Wavelength (\AA)

Mg I 2853 2.3557

He I m* 2946 159.9

