

SDSS J1624+0923
2000

1500

2500

Rest Wavelength (Å)

z = 2.272

Flux (10^{-17} ergs s^{-1} cm^{-2} Å $^{-1}$)

100

80

60

40

20

0

4000

5000

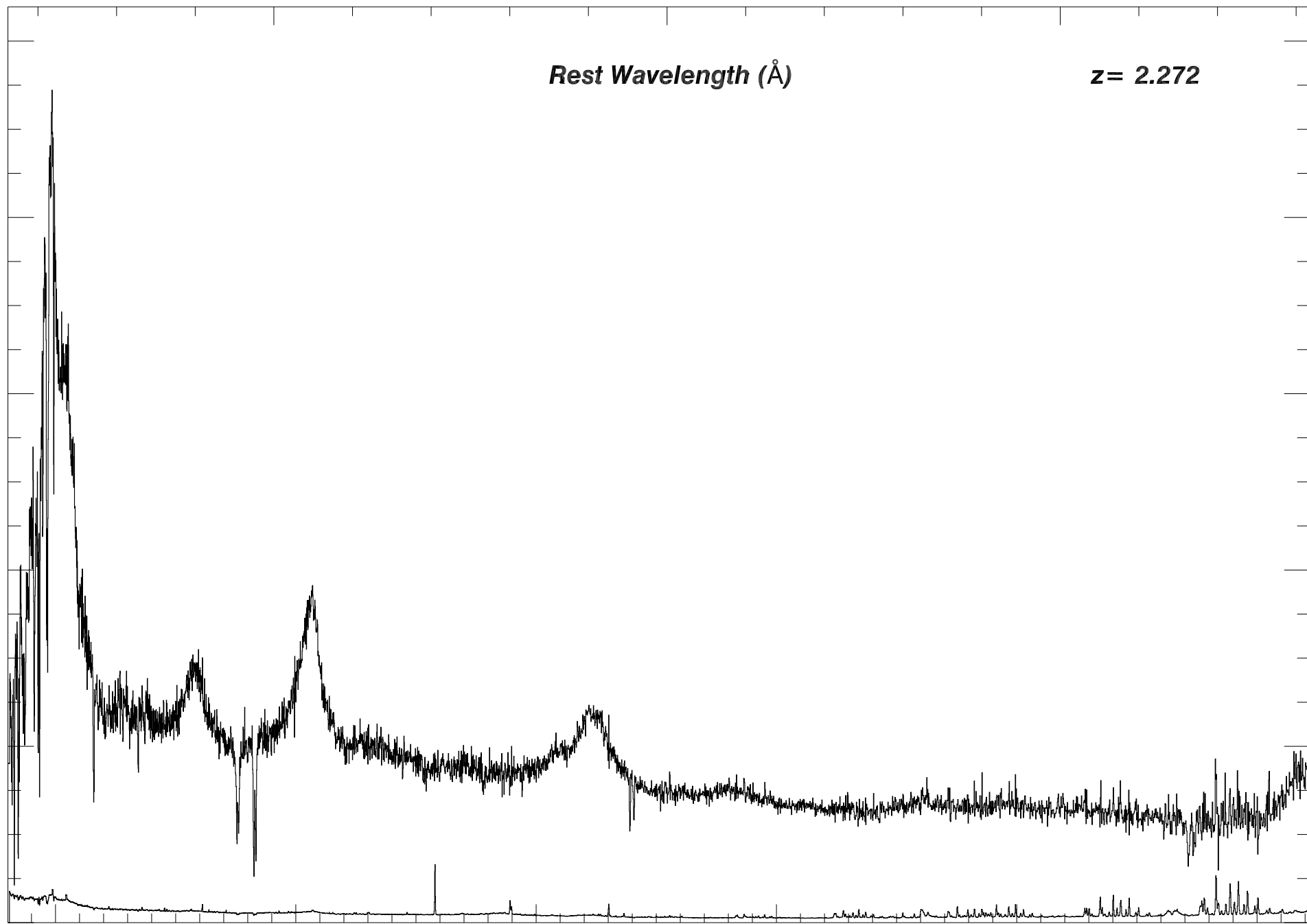
6000

7000

8000

9000

Observed Wavelength (Å)



SDSS J1624+0923

1200

1250

1300

1350

1400

Rest Wavelength (\AA)

$z=2.275$
 $z=2.272$

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

100

80

60

40

20

0

-2

-1

0

1

Ca II

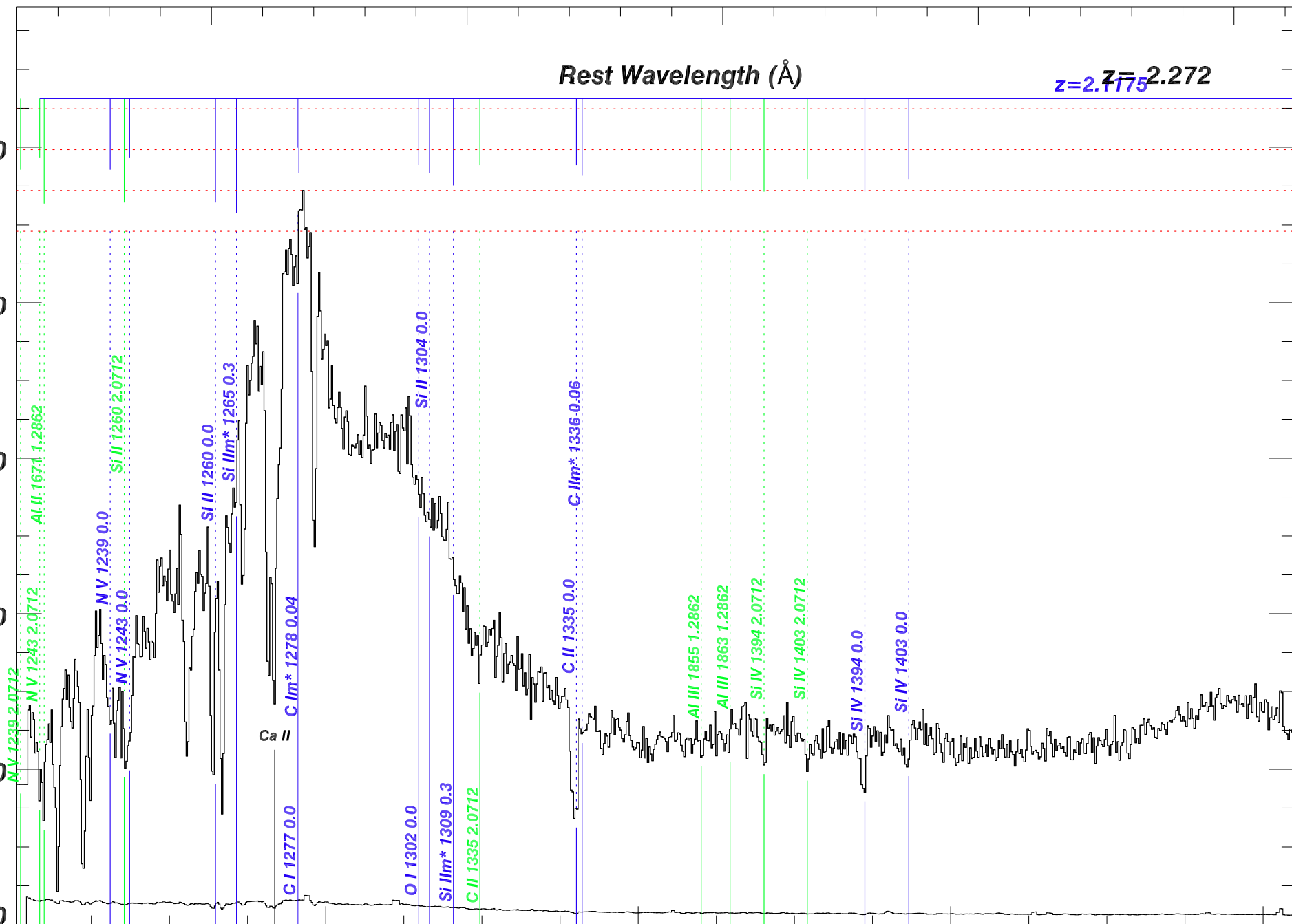
4000

4200

4400

4600

Observed Wavelength (\AA)



SDSS J1624+0923
1500

1400

1450

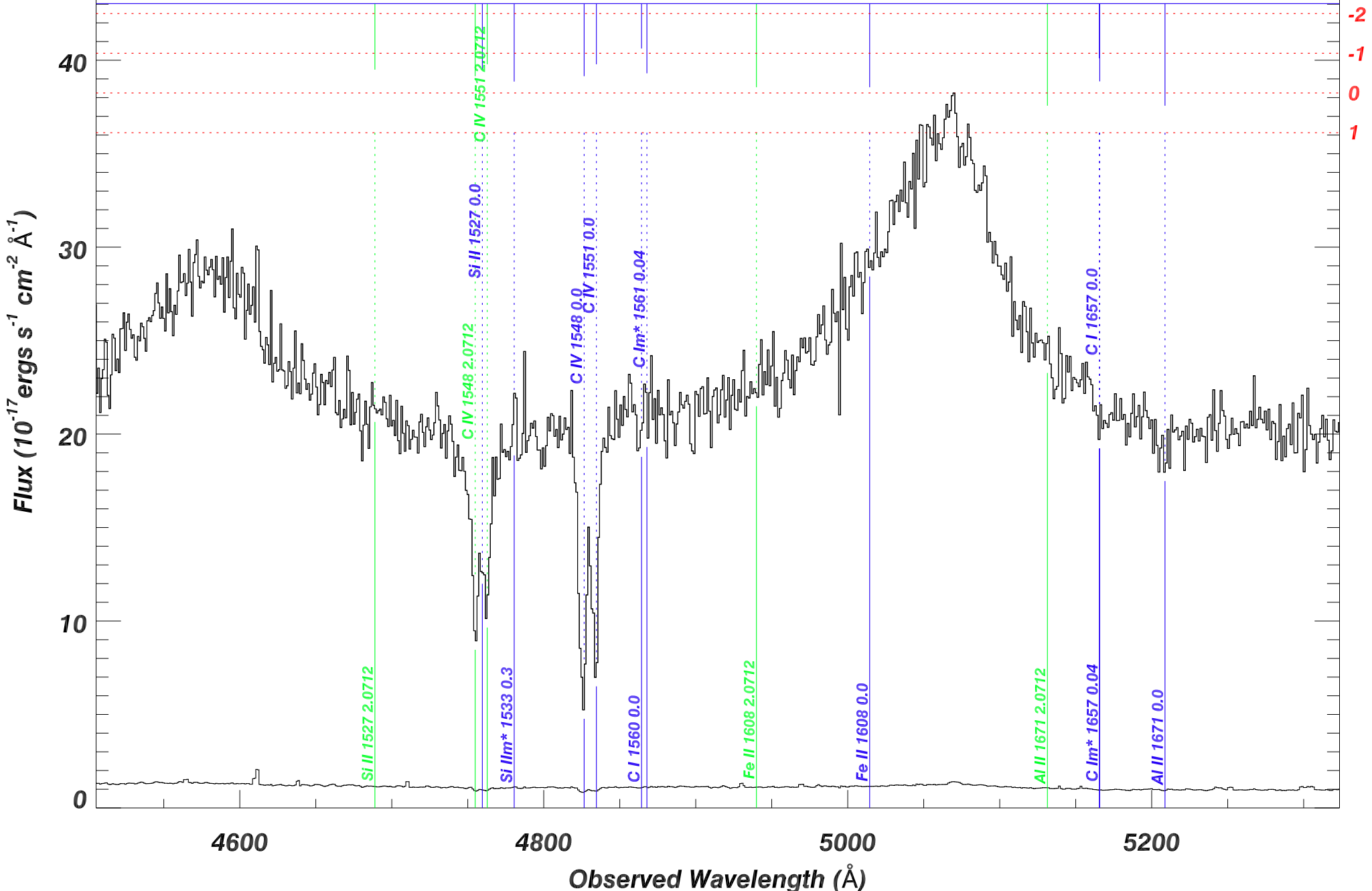
1550

1600

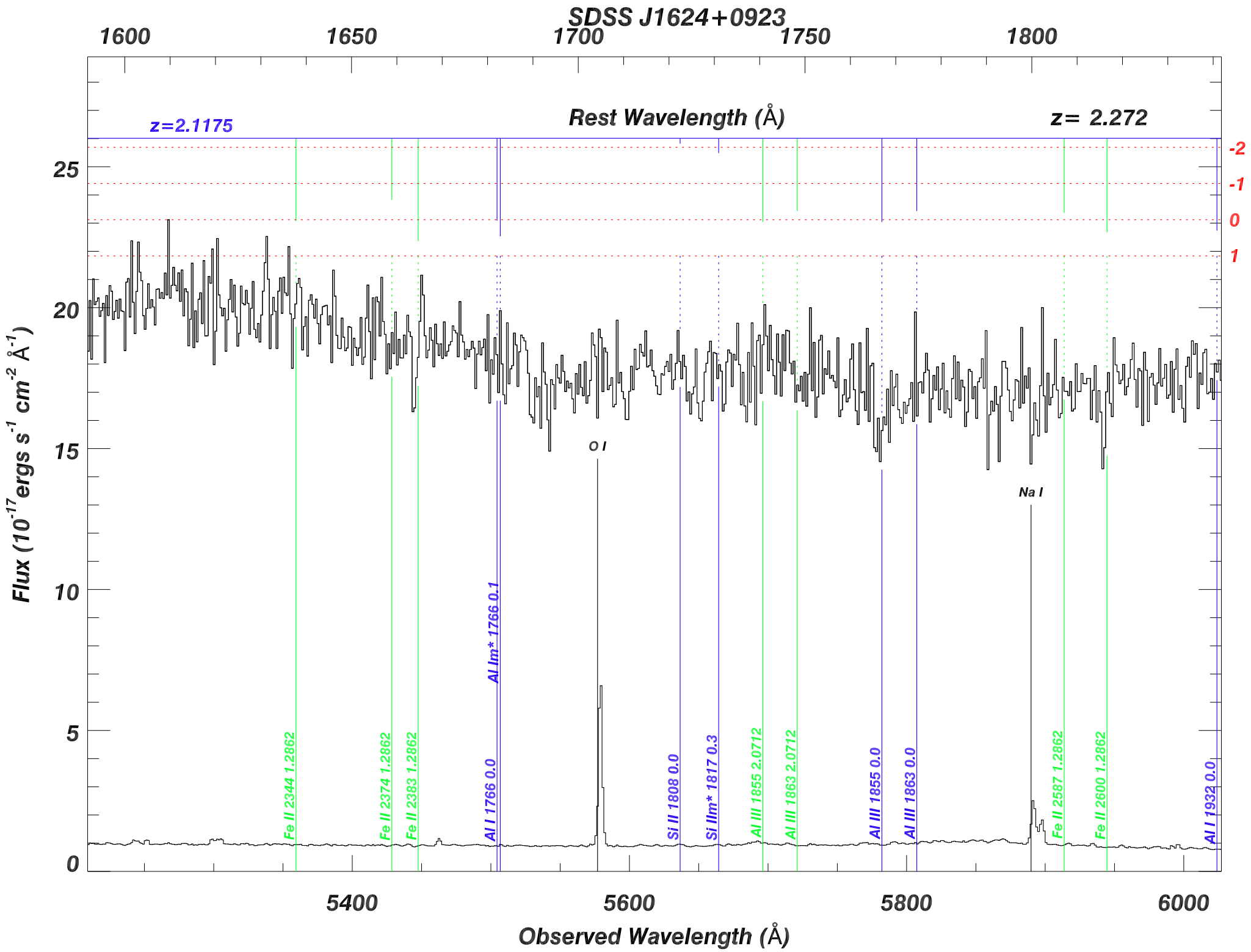
$z=2.1175$

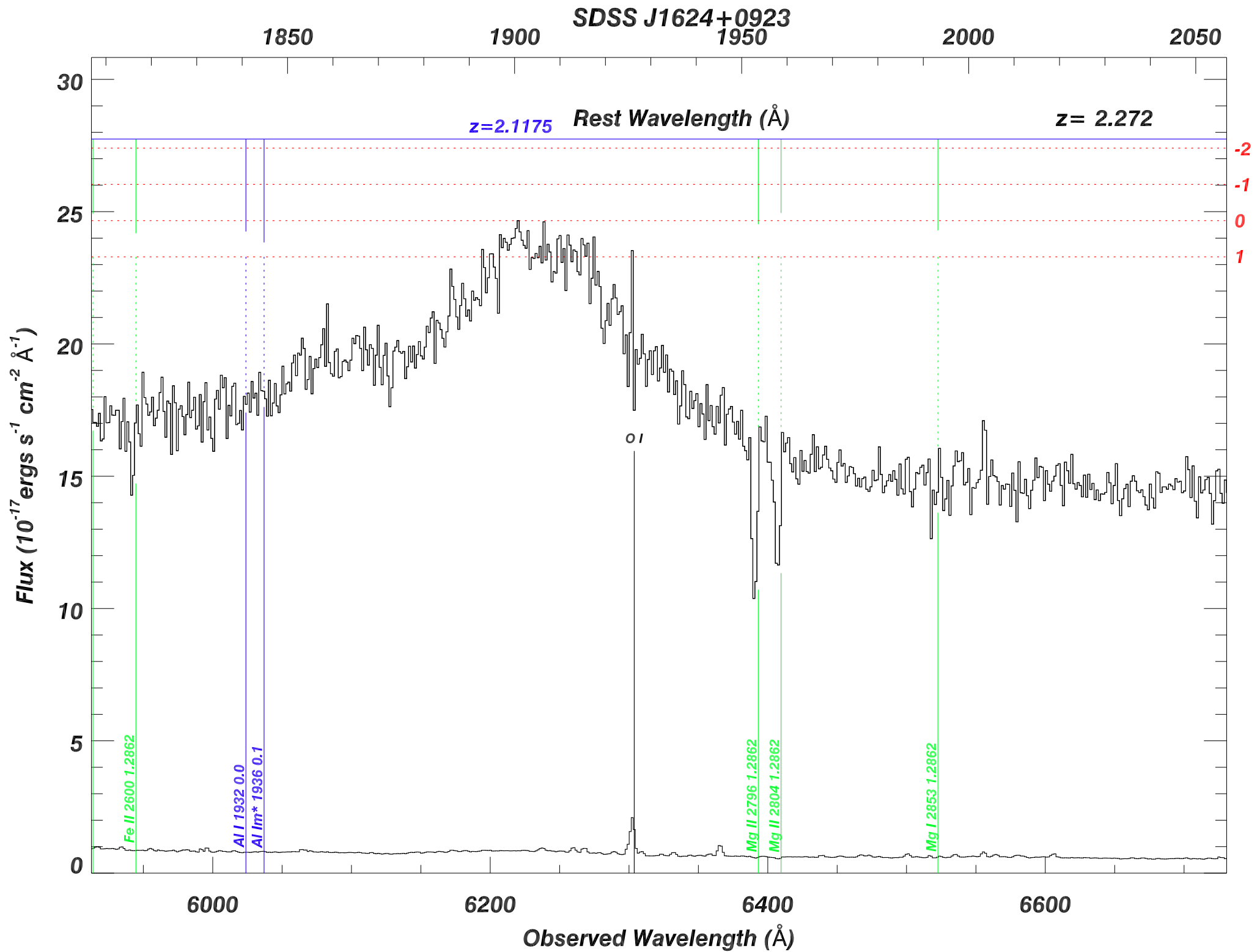
Rest Wavelength (\AA)

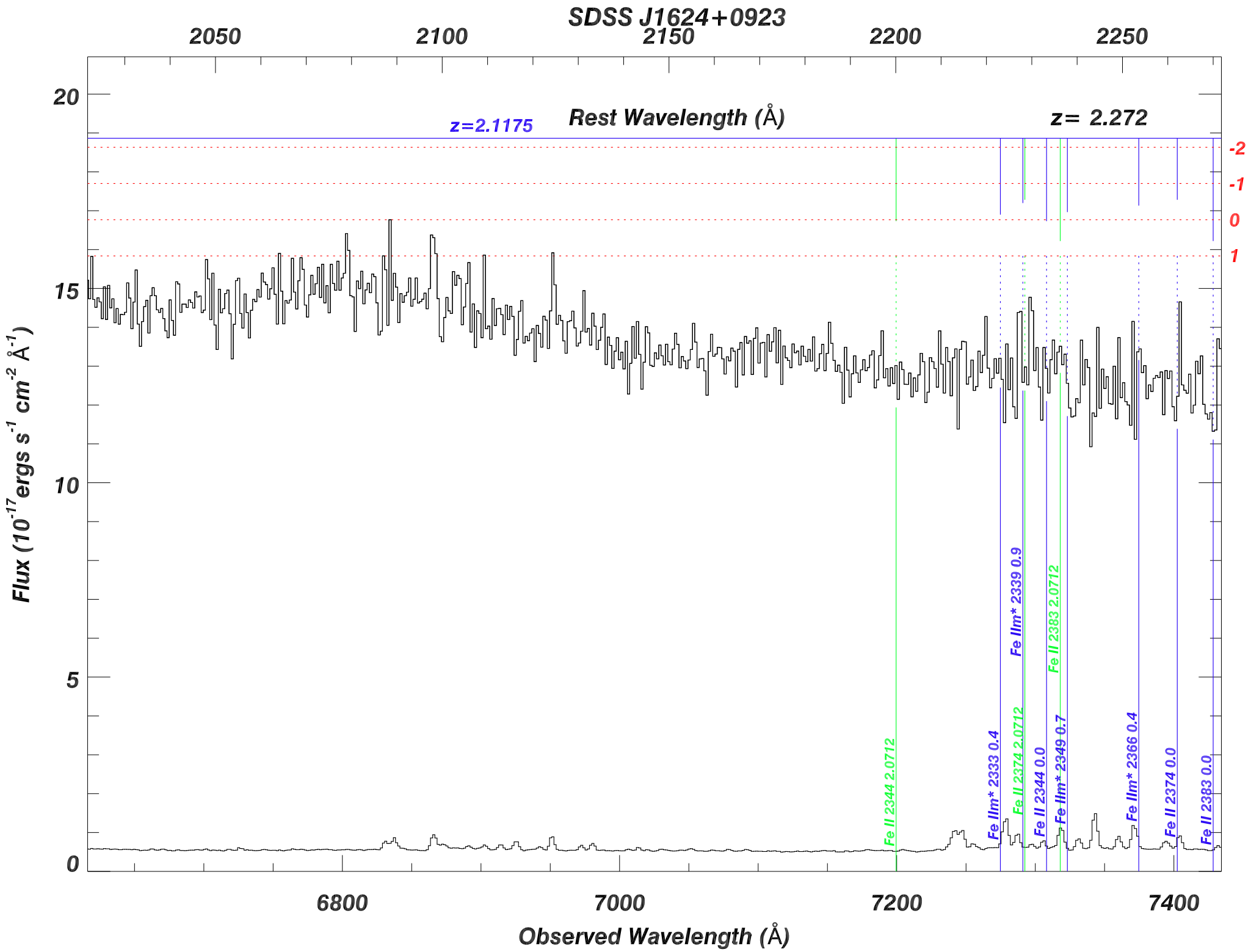
$z=2.272$



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SDSS J1624+0923

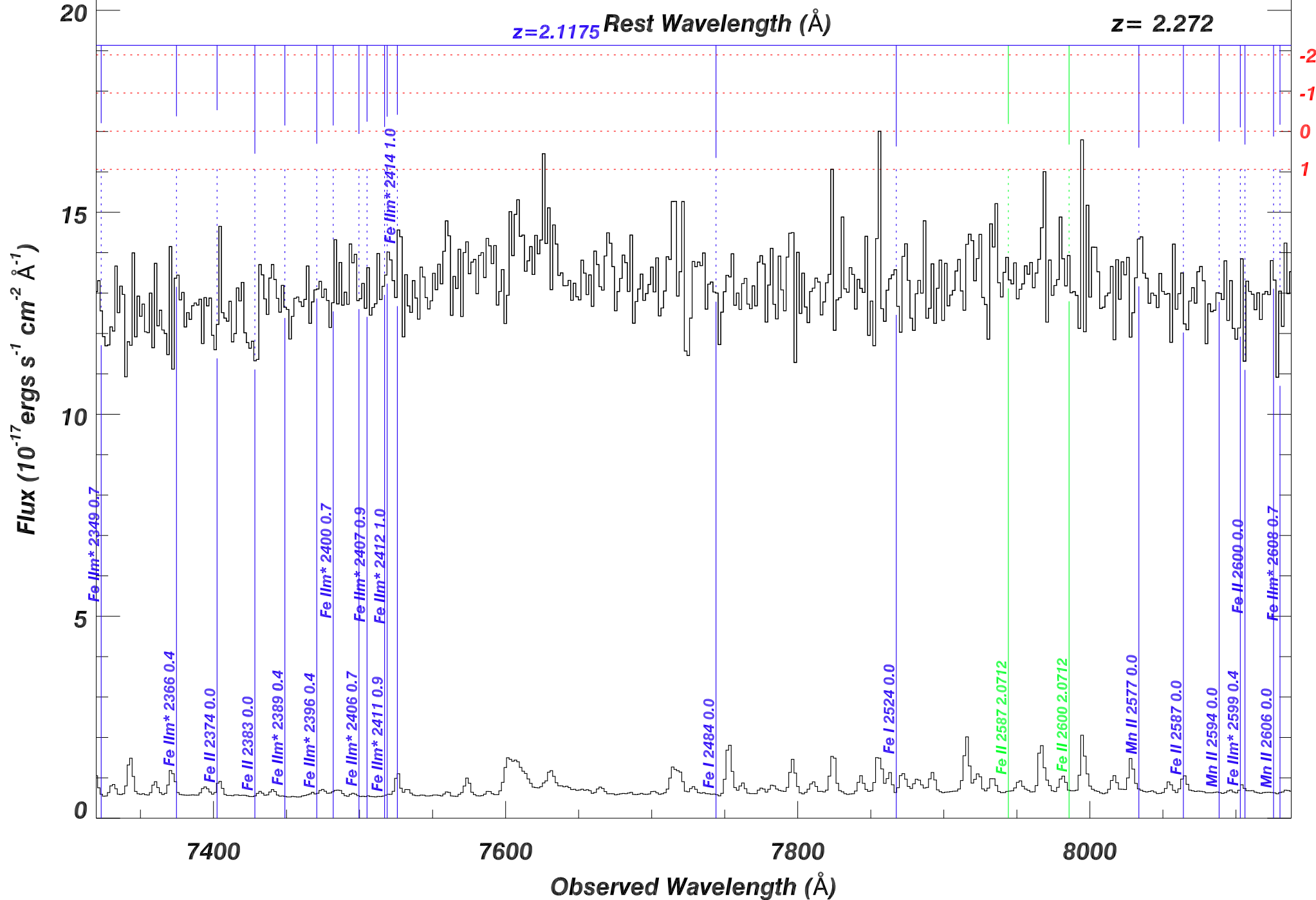
2250

2300

2350

2400

2450



SDSS J1624+0923
2600

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

2500

2550

2650

2700

Rest Wavelength (\AA)
 $z = 2.1175$

$z = 2.272$

20

15

10

5

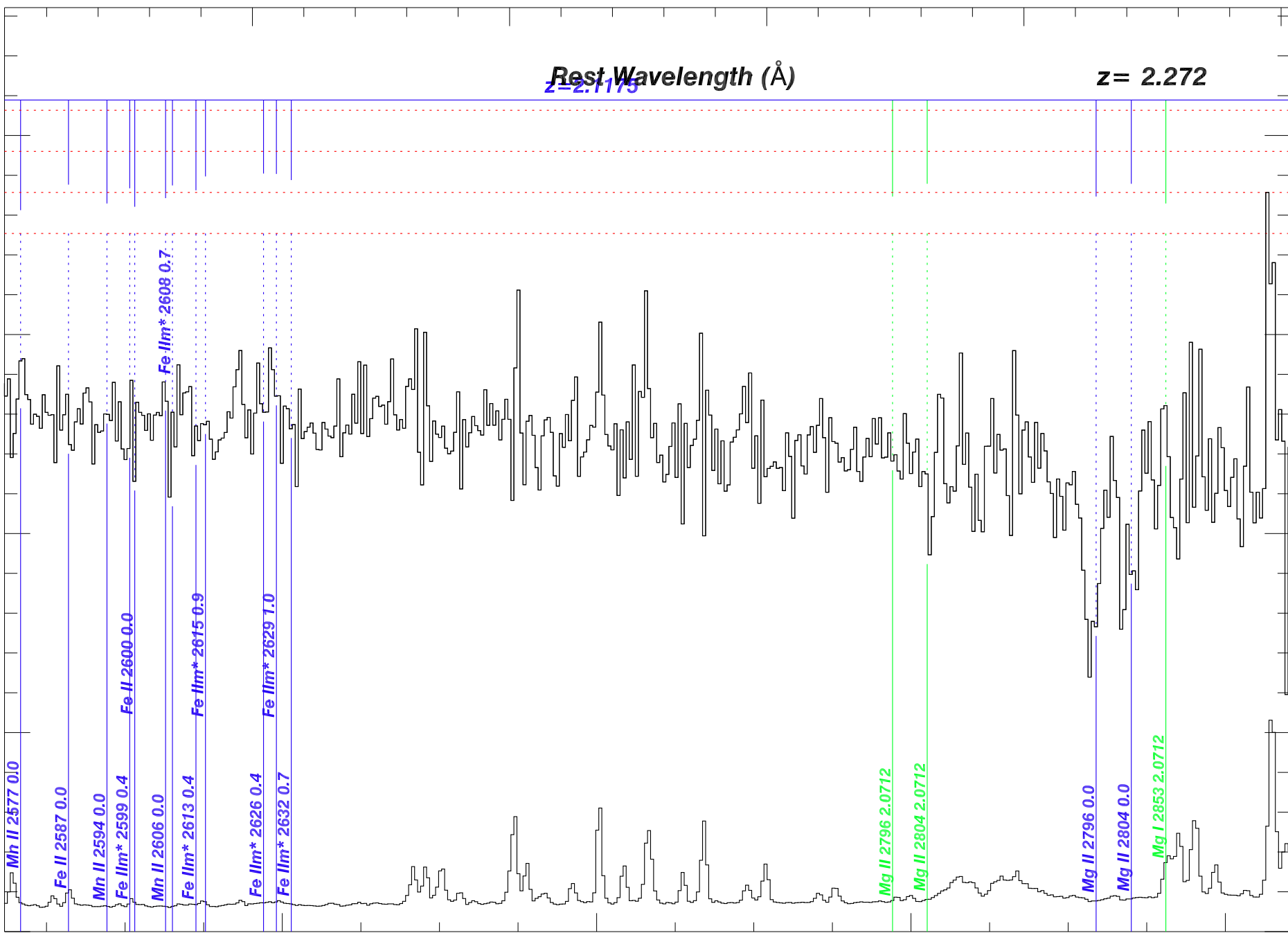
0

-2

-1

0

1



8200

8400

8600

8800

Observed Wavelength (\AA)

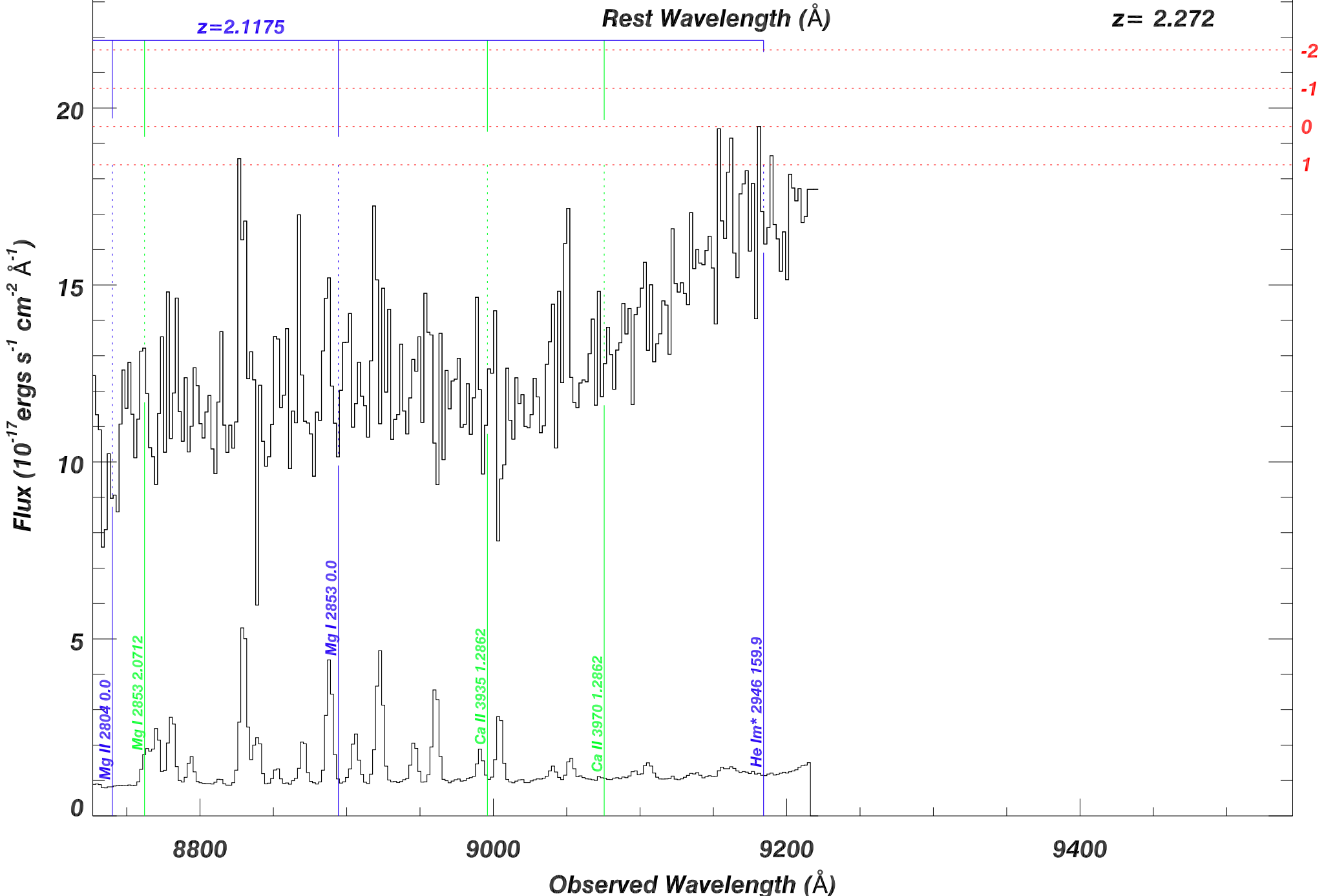
SDSS J1624+0923
2800

2700

2750

2850

2900



$z=2.1175$

Rest Wavelength (Å)

$z= 2.272$

-2
-1
0
1

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

20

15

10

5

0

8800

9000

9200

9400

Observed Wavelength (Å)

Mg II 2804 0.0

Mg I 2853 2.0712

Mg I 2853 0.0

Ca II 3935 1.2862

Ca II 3970 1.2862

He I m* 2946 159.9