

1500

SDSS J0242+0049
2000

2500

3000

Rest Wavelength (Å)

z = 2.069

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

40

30

20

10

0

4000

5000

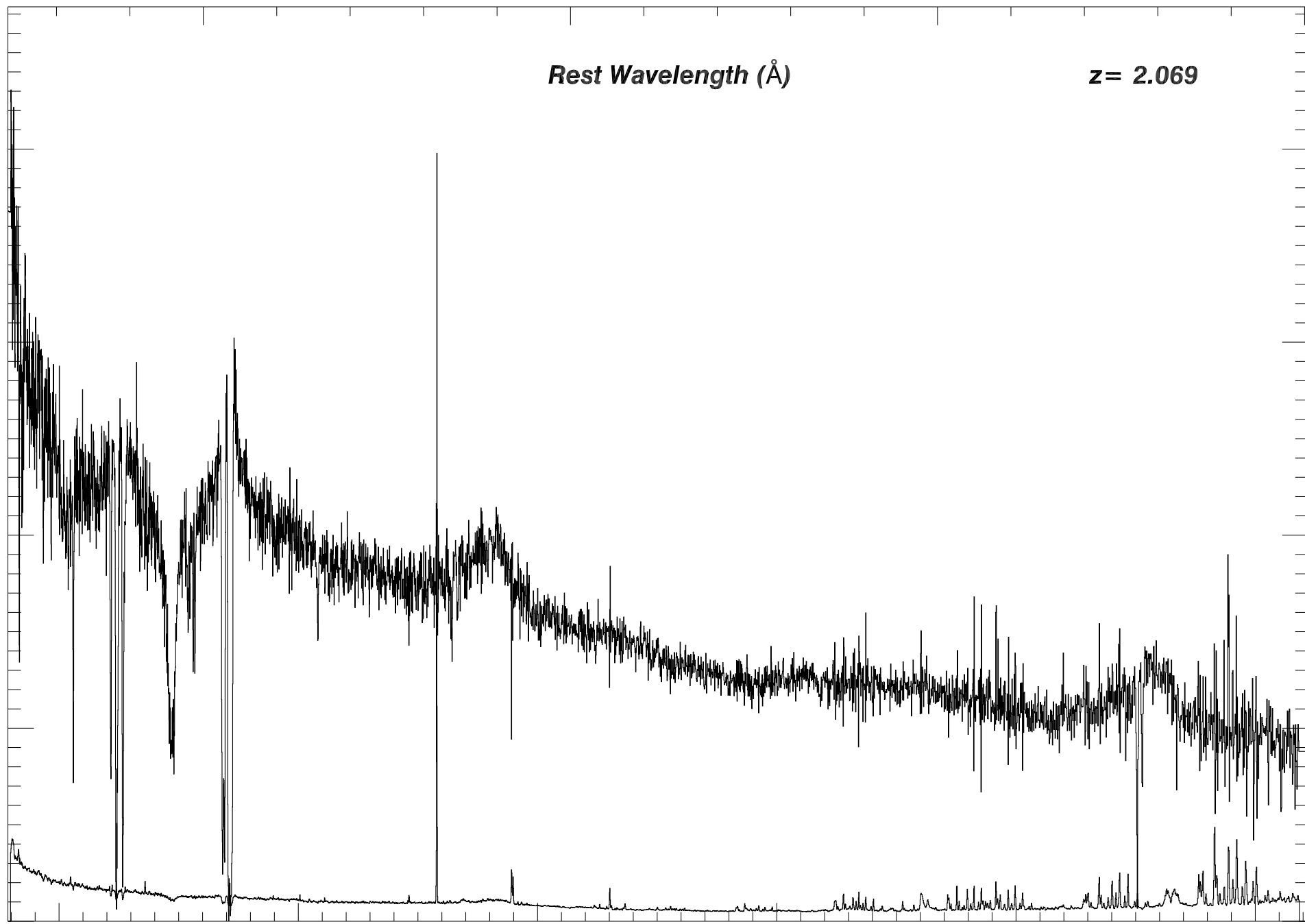
6000

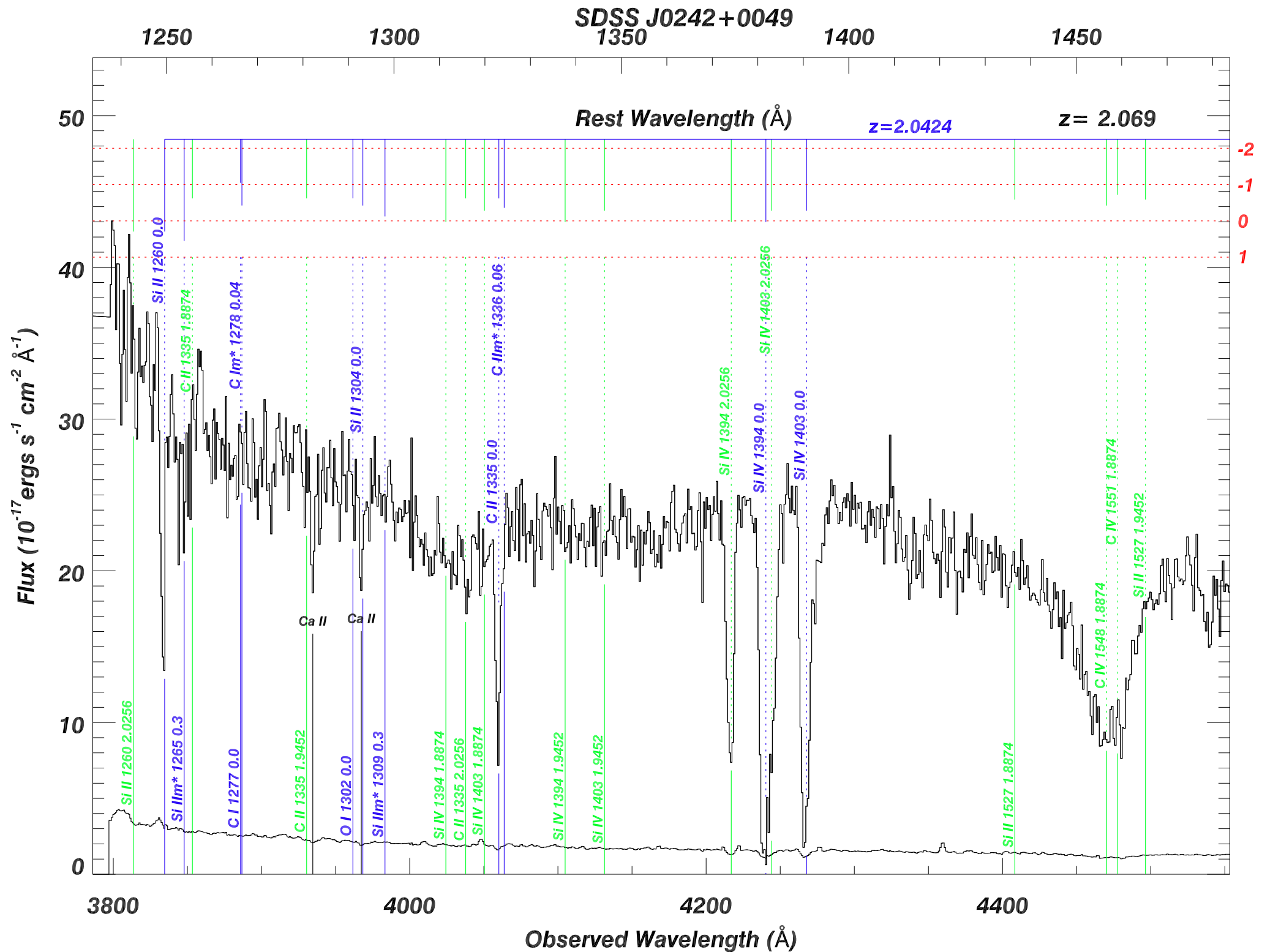
7000

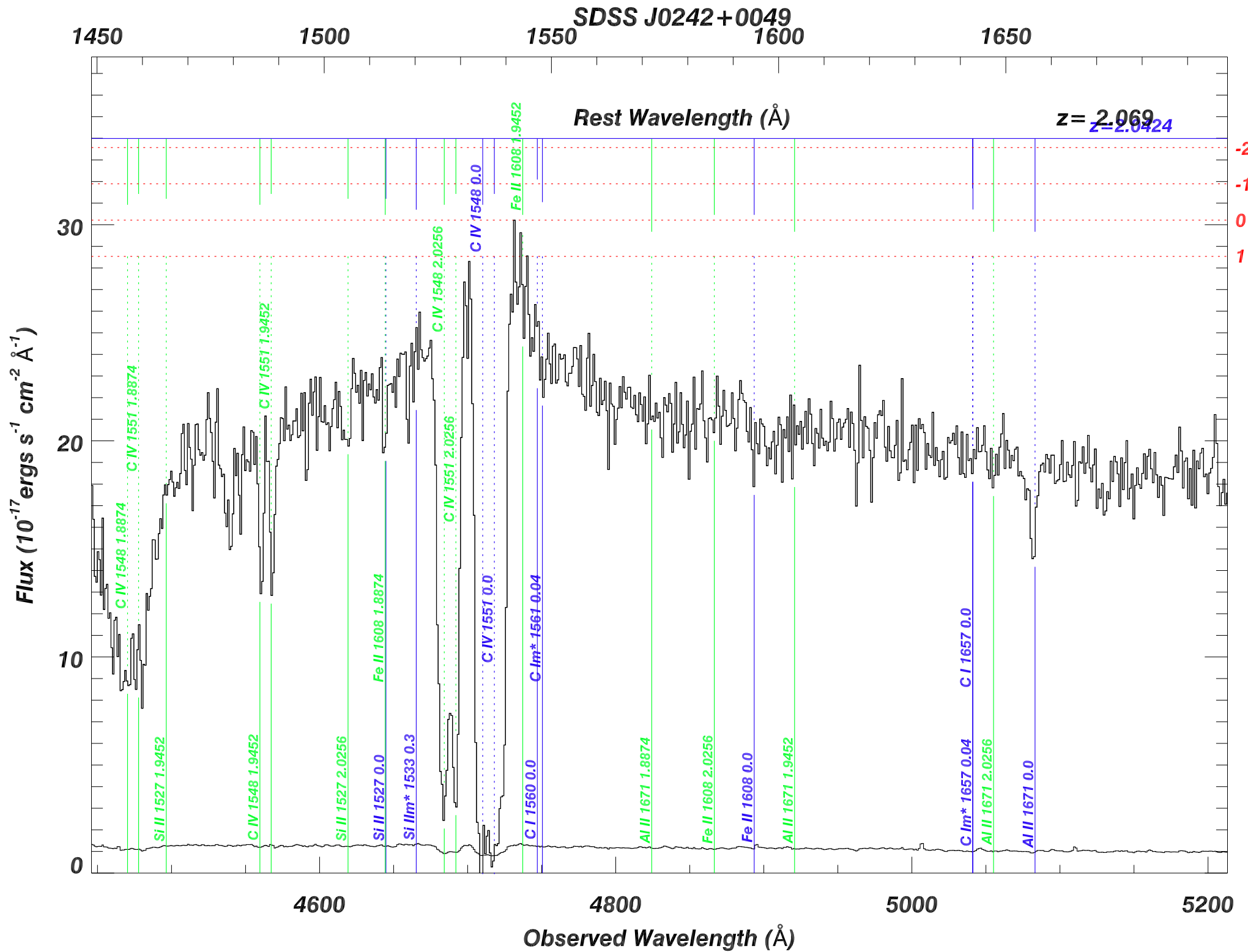
8000

9000

Observed Wavelength (Å)







SDSS J0242+0049

1700

1750

1800

1850

1900

$z=2.0424$

Rest Wavelength (\AA)

$z=2.069$

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

40

30

20

10

0

-2

-1

0

1

5200

5400

5600

5800

Observed Wavelength (\AA)

Al III 1855 1.8874

Al I 1766 0.0

Al III 1863 1.8874

Al III 1855 1.9452

Al III 1863 1.9452

Si II 1808 0.0

Si II m* 1817 0.3

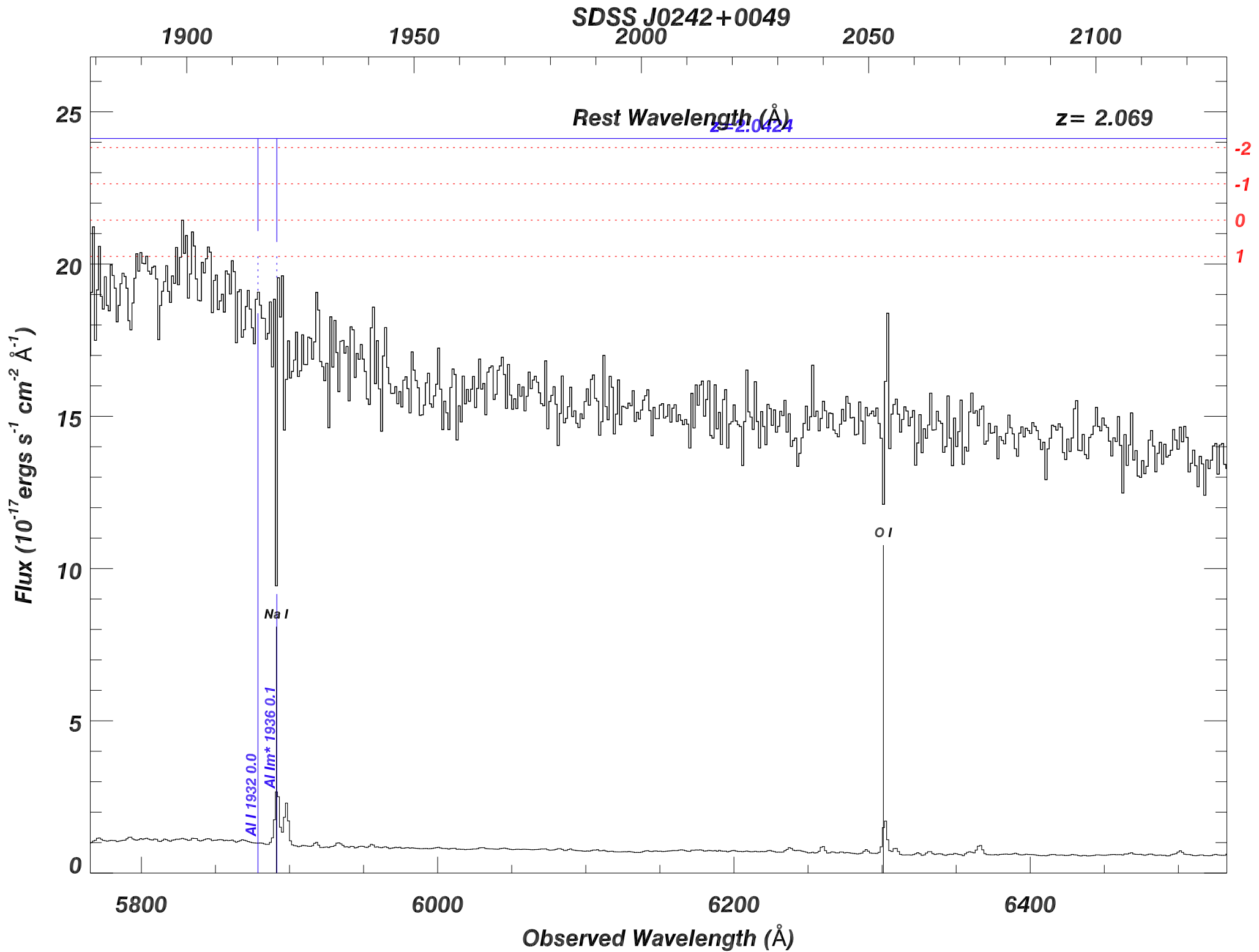
O I

Al III 1855 2.0256

Al III 1863 2.0256

Al III 1855 0.0

Al III 1863 0.0



SDSS J0242+0049
2200 2250

2100

2150

2300

Rest Wavelength (Å)

$z=2.0424$

$z=2.069$

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

15

10

5

0

-2
-1
0
1

6600

6800

7000

Observed Wavelength (Å)

Fe II 2344 1.8874

Fe II 2374 1.8874

Fe II 2383 1.8874

Fe II 2344 1.9452

Fe II 2374 1.9452

Fe II 2383 1.9452

Fe III* 2333 0.4

Fe II 2344 2.0256

Fe III* 2339 0.9

Fe II 2344 0.0

Fe III* 2349 0.7

Fe II 2374 2.0256

