

SDSS_J1152+0306_MJD55674

Rest Wavelength (\AA)

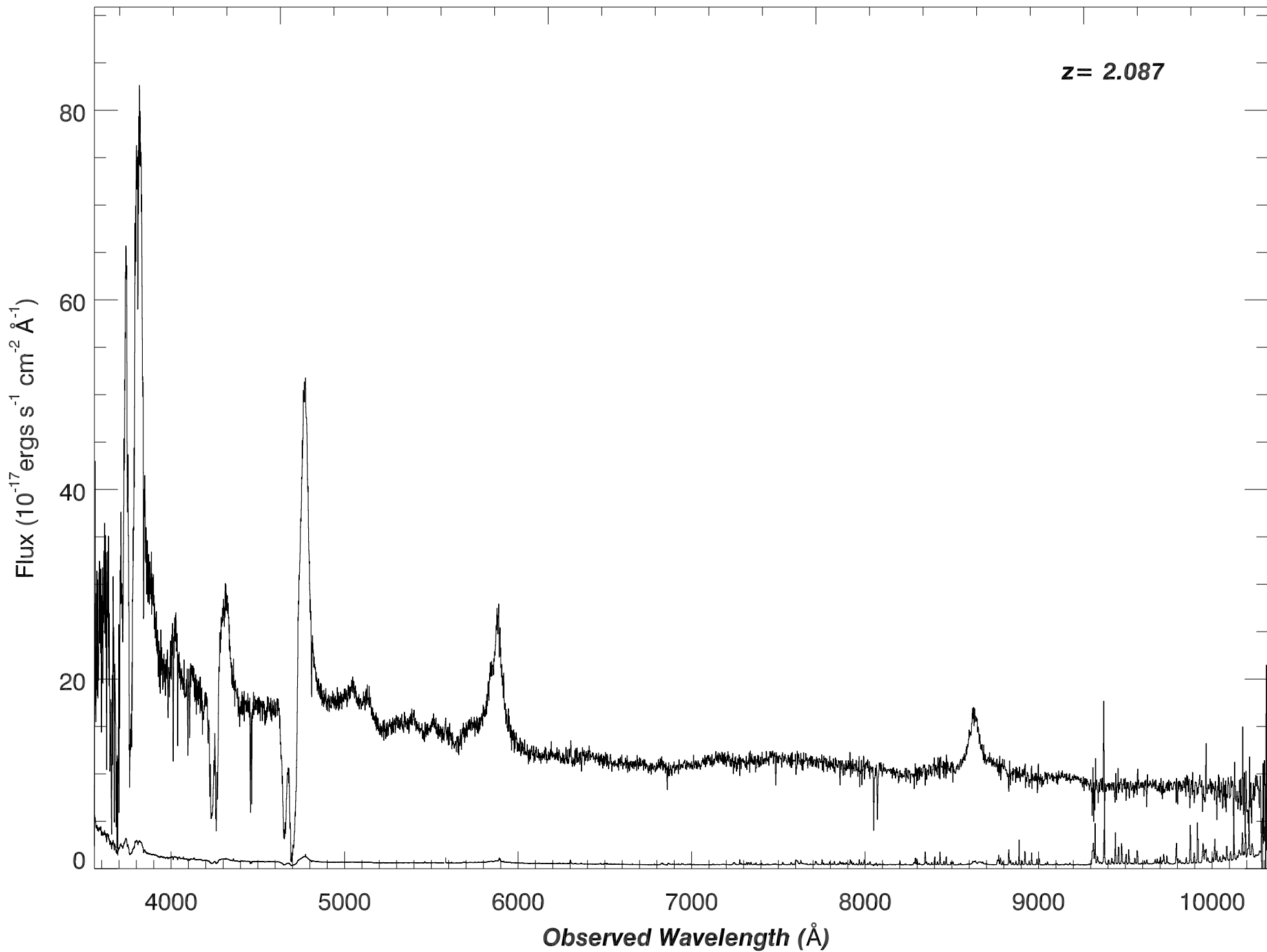
1500

2000

2500

3000

$z = 2.087$



SDSS_J1152+0306_MJD55674

Rest Wavelength (Å)

1200

1250

1300

1350

1400

$z = 2.087$
 $z = 2.0316$

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

100
80
60
40
20
0

-2
-1
0
1

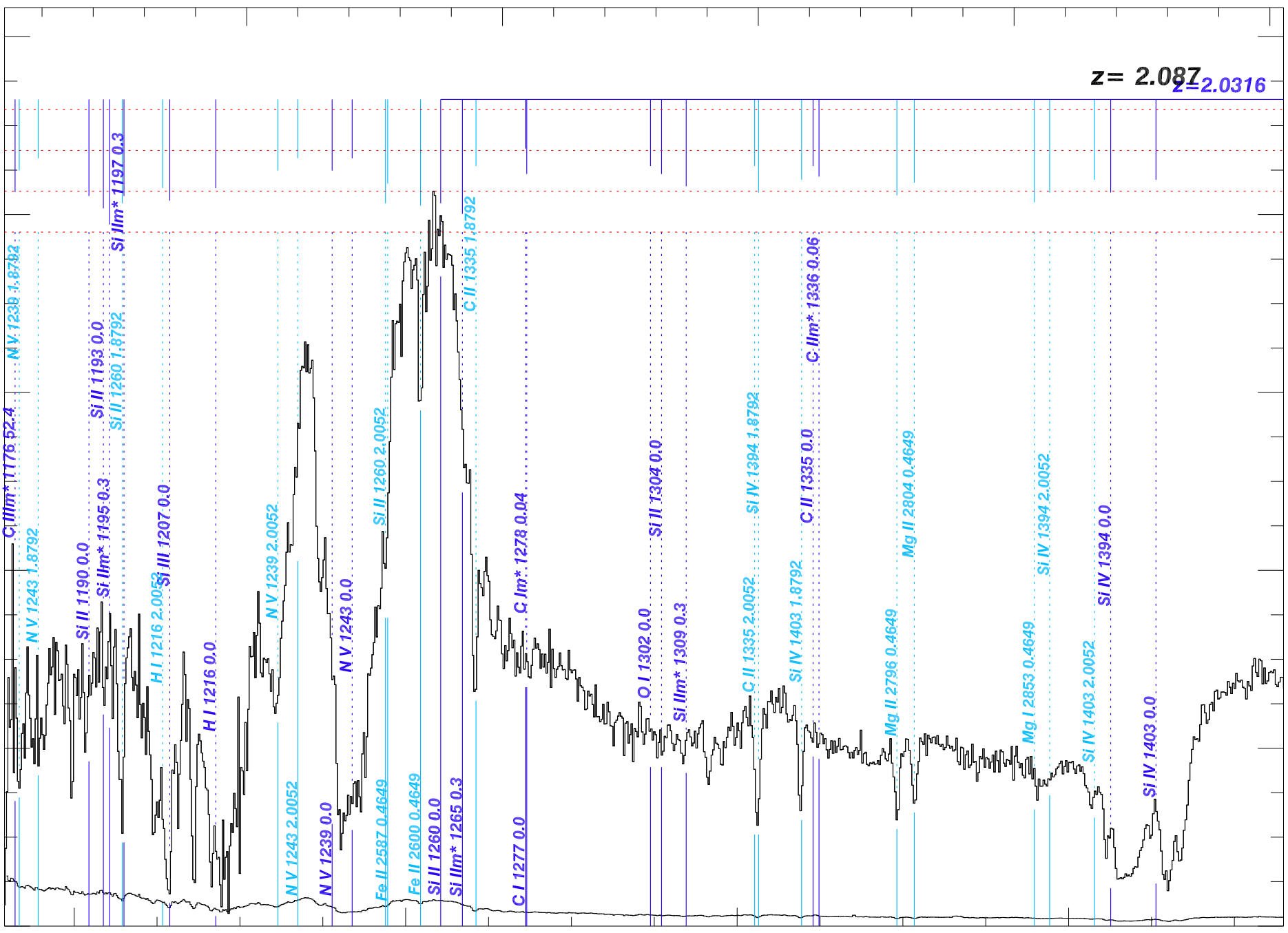
3600

3800

4000

4200

Observed Wavelength (Å)



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Rest Wavelength (\AA)

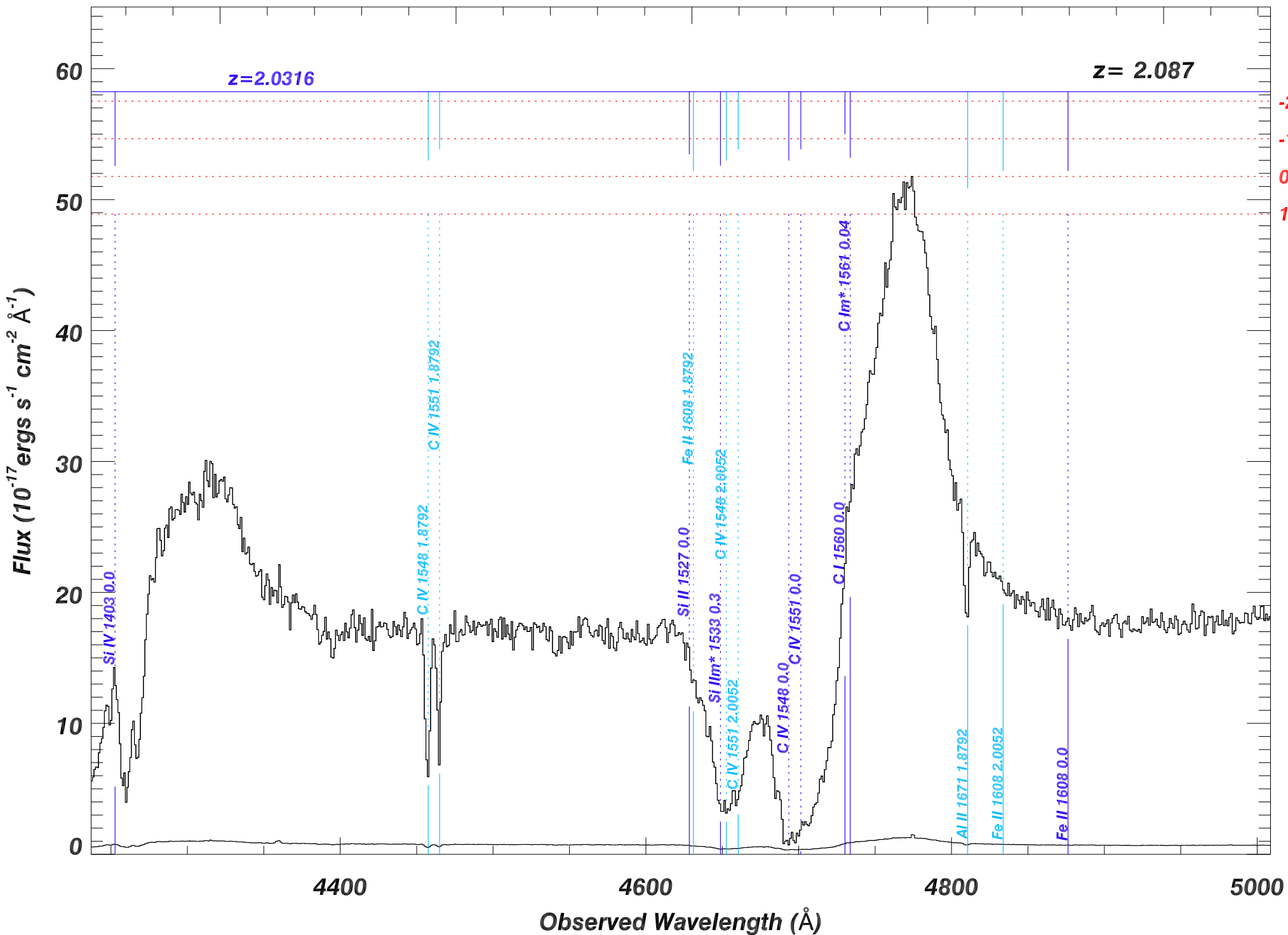
1400

1450

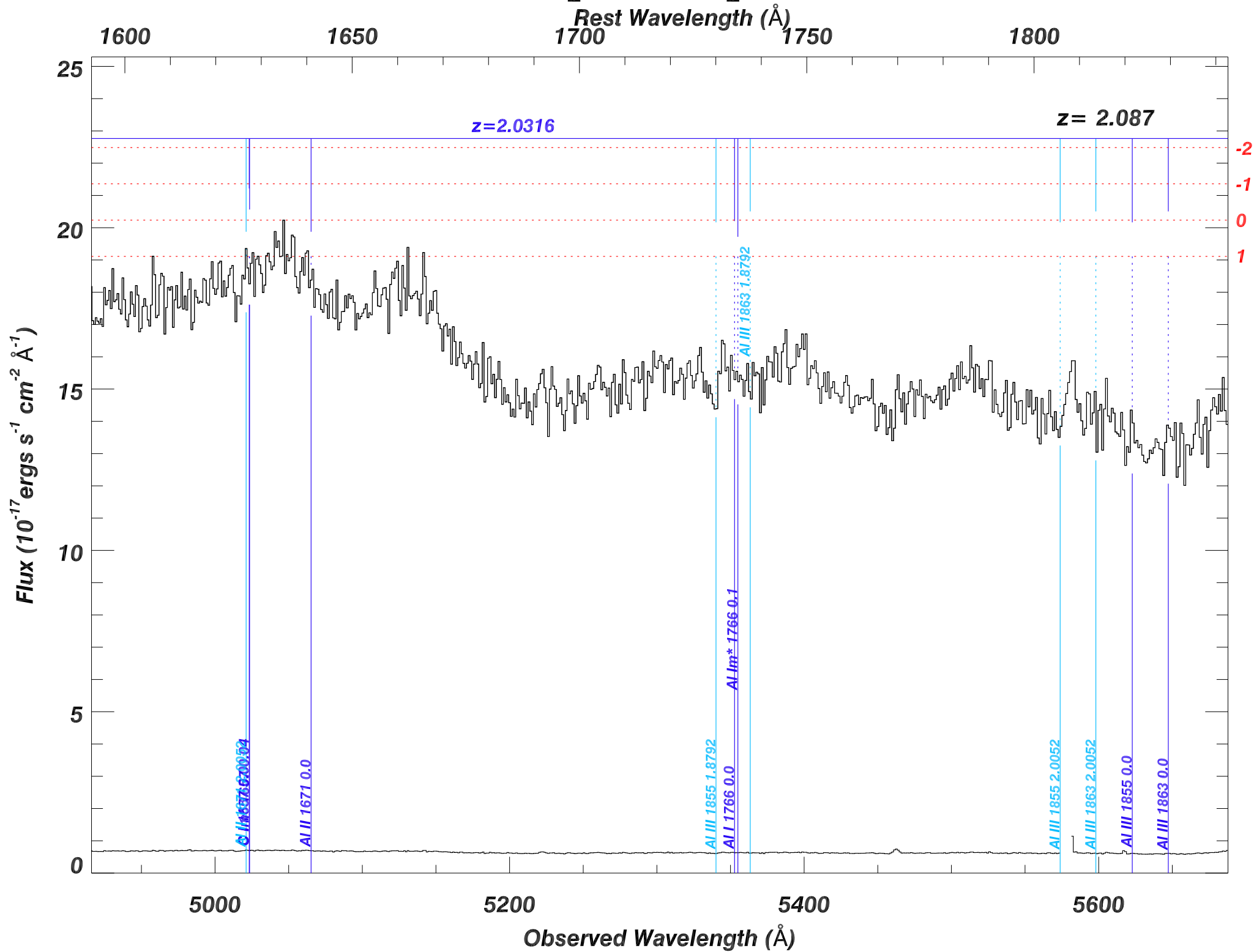
1500

1550

1600



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Rest Wavelength (\AA)

1850

1900

1950

2000

2050

$z=2.0316$

$z=2.087$

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

30
25
20
15
10
5
0

-2
-1
0
1

5600

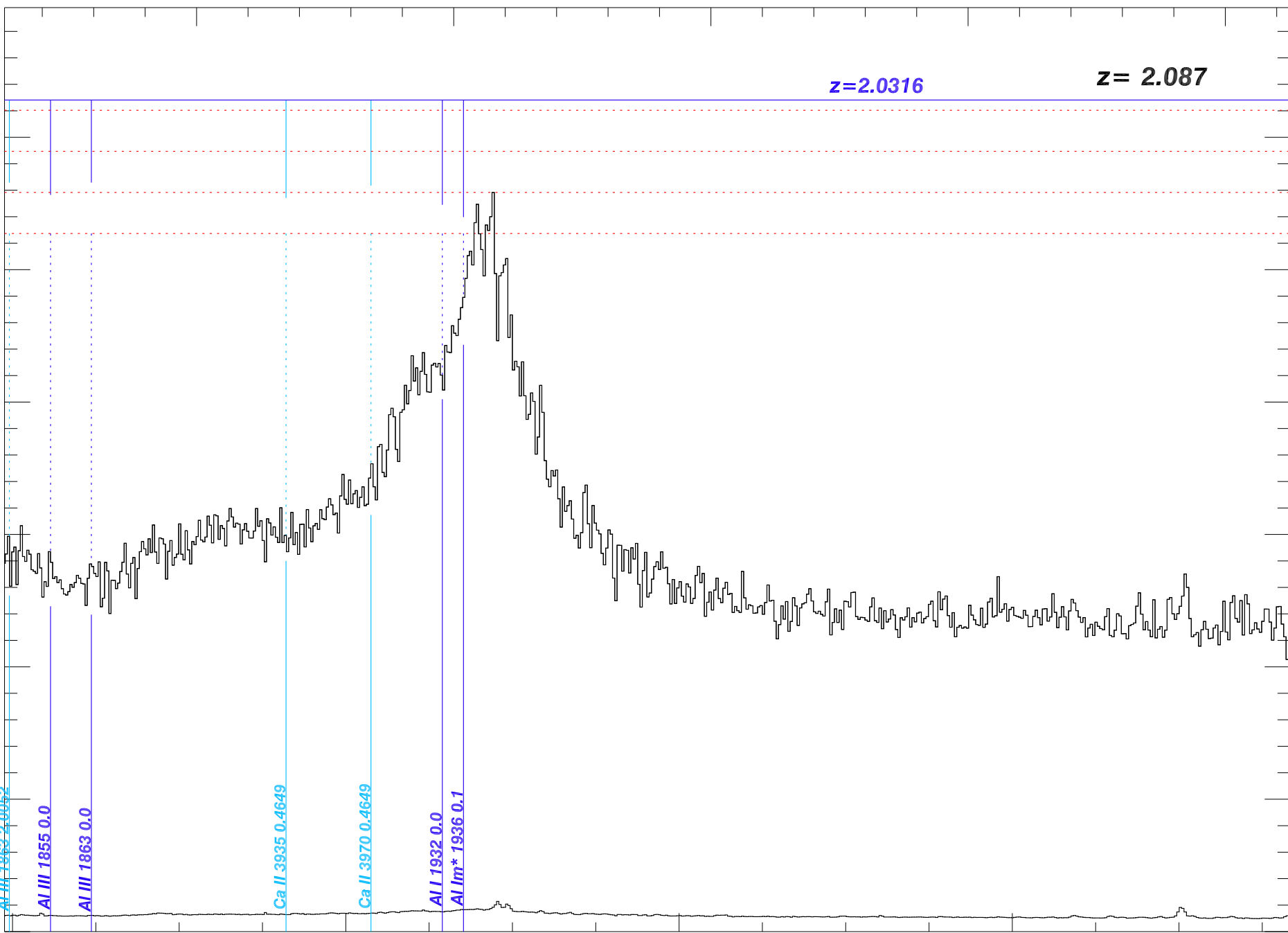
5800

6000

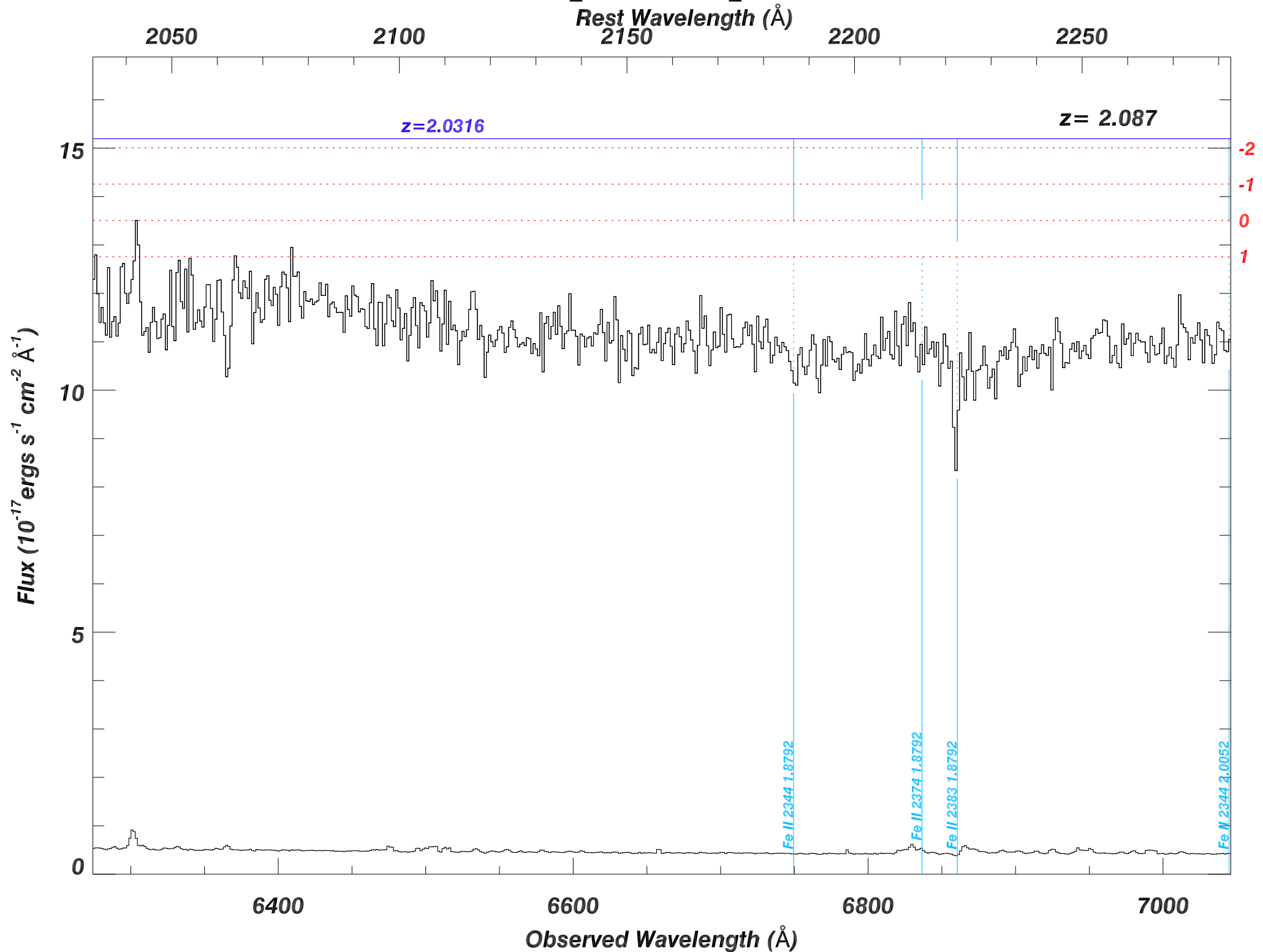
6200

Observed Wavelength (\AA)

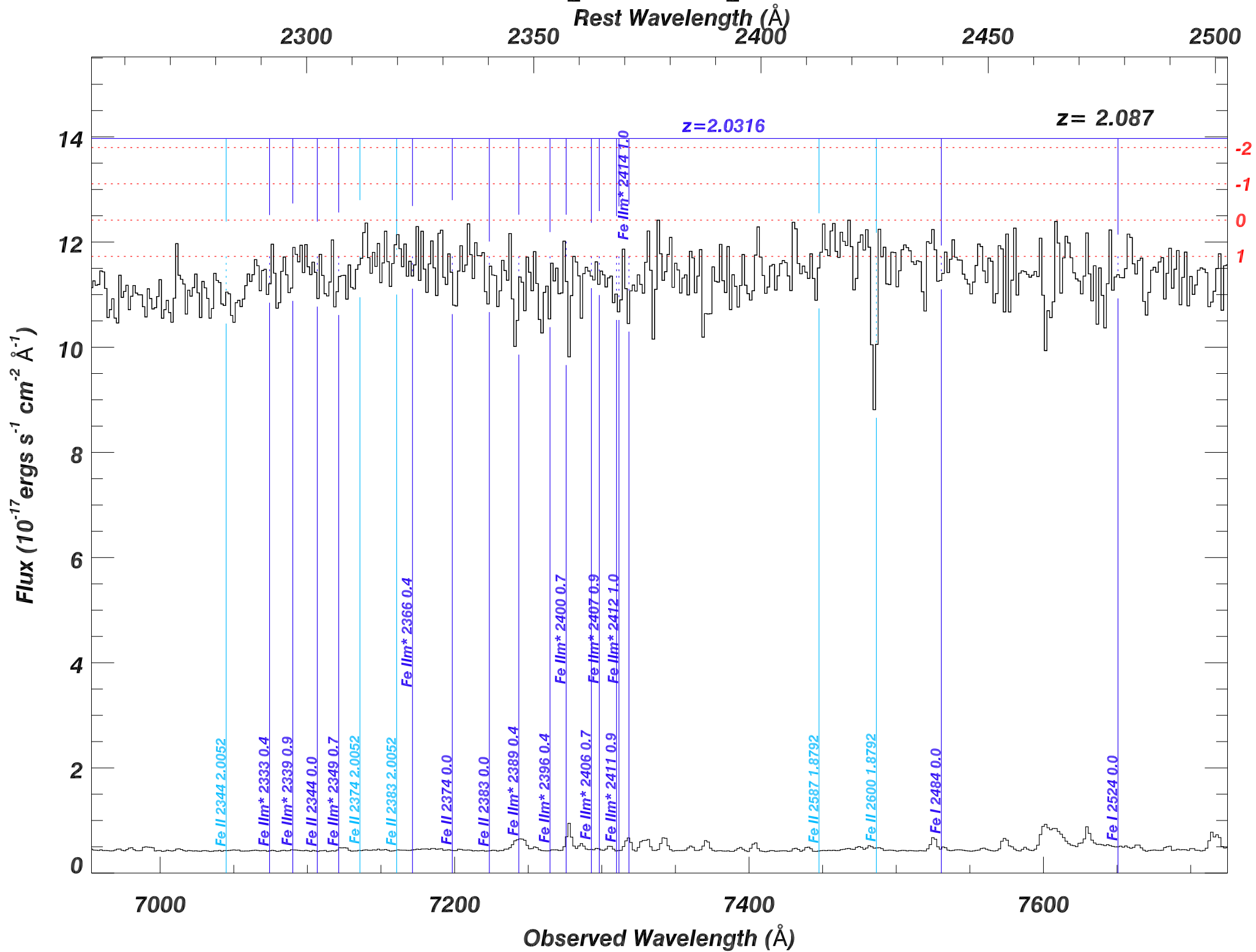
- Al III 1863 2.0052
- Al III 1855 0.0
- Al III 1863 0.0
- Ca II 3935 0.4649
- Ca II 3970 0.4649
- Al I 1932 0.0
- Al I m* 1936 0.1



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Rest Wavelength (\AA)

2500

2550

2600

2650

2700

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

14

12

10

8

6

4

2

0

$z = 2.087$
 $z = 2.0316$

-2

-1

0

1

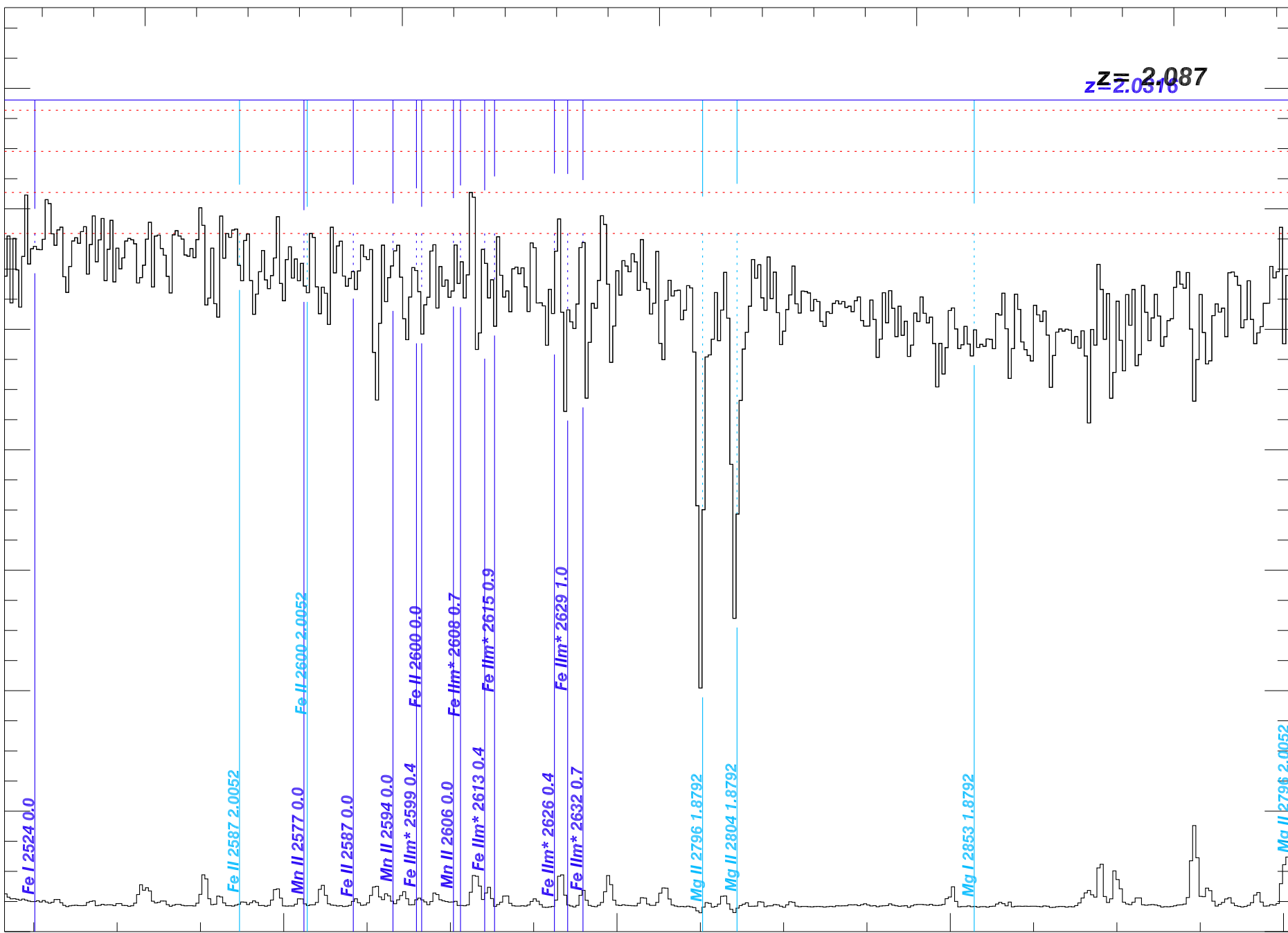
7800

8000

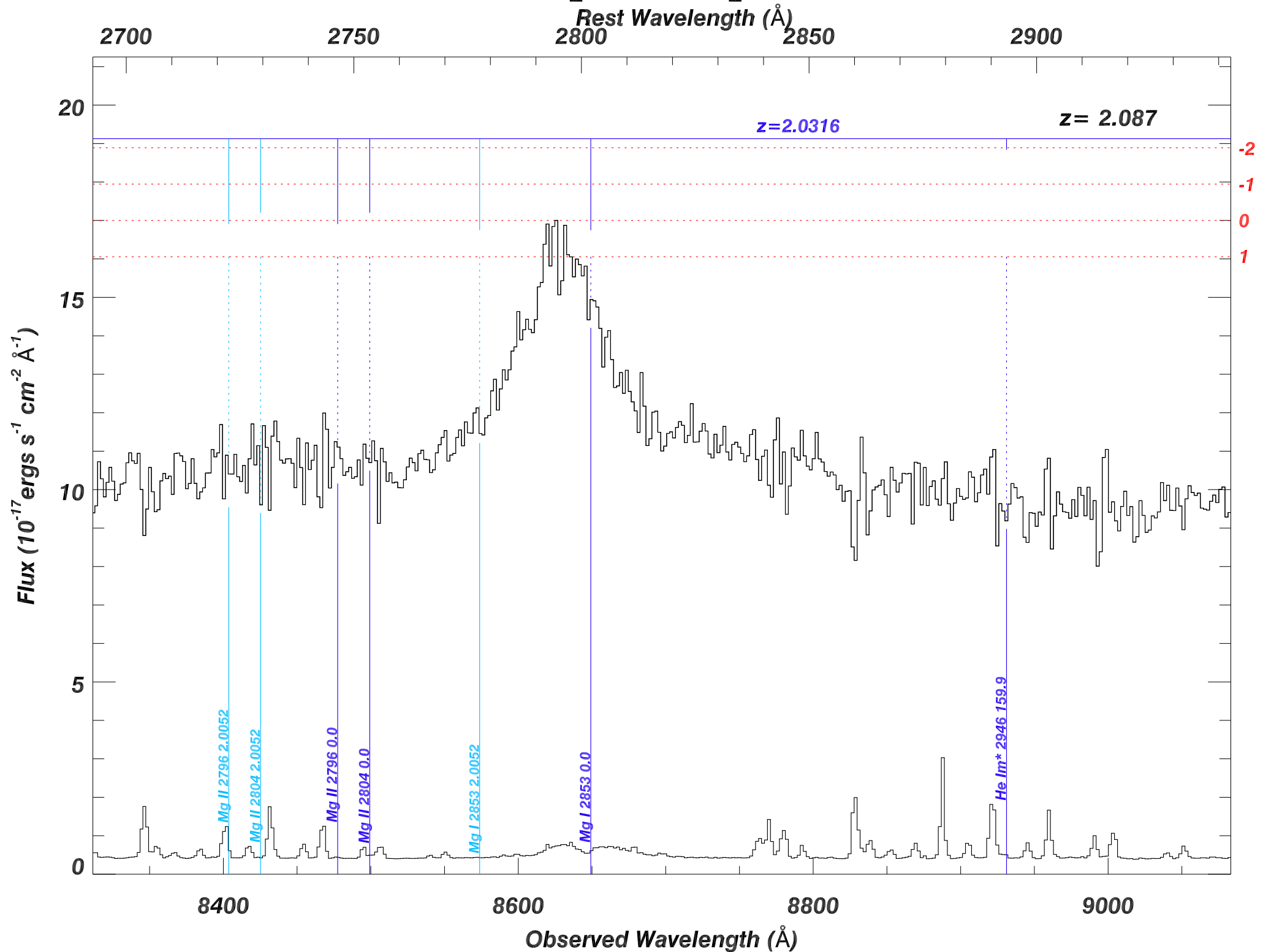
8200

8400

Observed Wavelength (\AA)



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SDSS_J1152+0306_MJD55674

Rest Wavelength (\AA)

2950

3000

3050

3100

3150

$z=2.0316$

$z=2.087$

-2

-1

0

1

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

20

15

10

5

0

9000

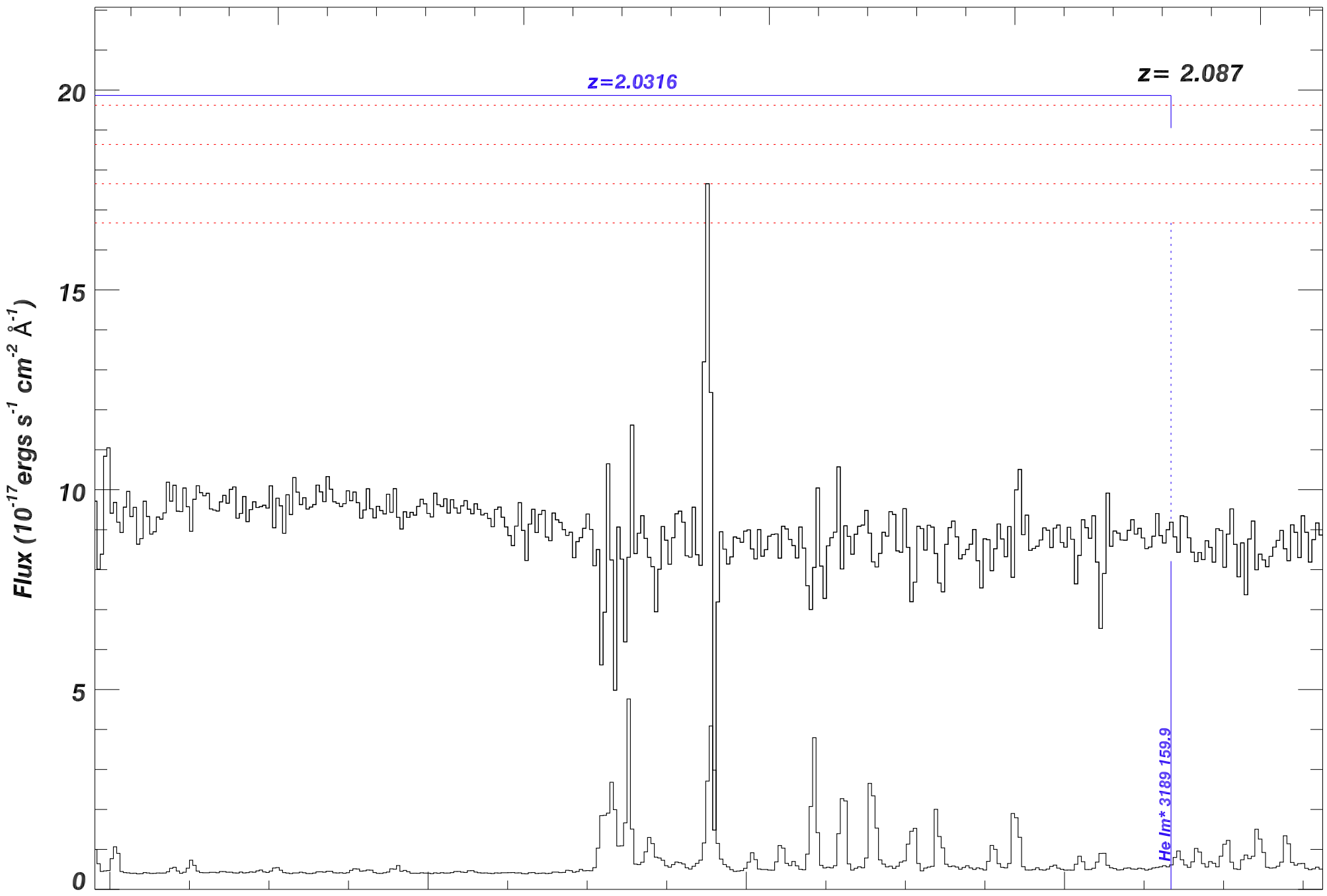
9200

9400

9600

Observed Wavelength (\AA)

He I λ 3189



SDSS_J1152+0306_MJD55674

Rest Wavelength (\AA)

3200

3300

3400

3500

$z = 2.087$

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

25

20

15

10

5

0

-2

-1

0

1

9.80×10^3

1.00×10^4

1.02×10^4

1.04×10^4

1.06×10^4

1.08×10^4

Observed Wavelength (\AA)

