

SDSS_J1006+0119_MJD55650

Rest Wavelength (Å)

1500

2000

2500

3000

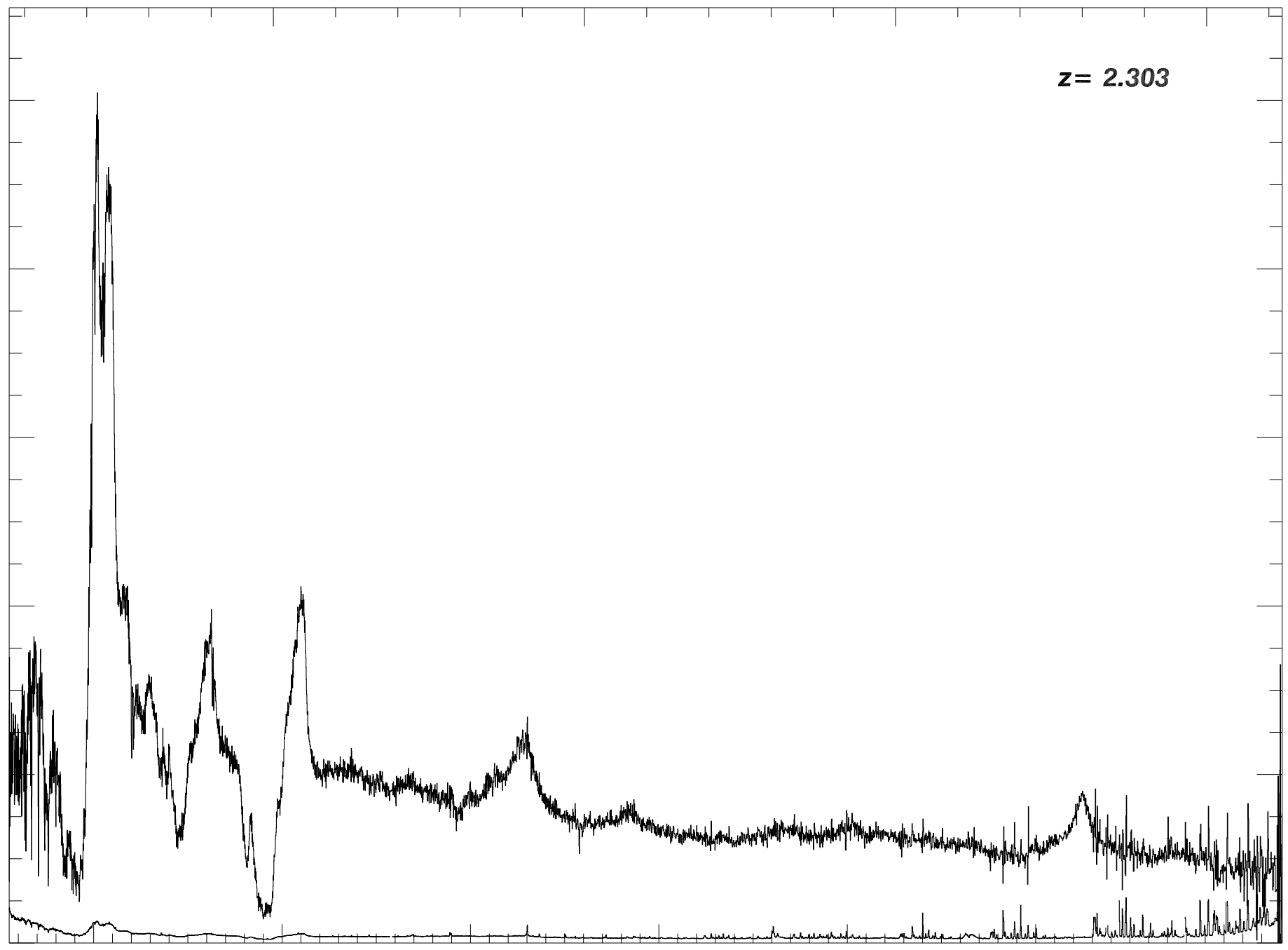
z = 2.303

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

100
80
60
40
20
0

4000 5000 6000 7000 8000 9000 10000

Observed Wavelength (Å)



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Rest Wavelength (Å)

1100

1150

1200

1250

1300

120

100

80

60

40

20

0

$z=2.1650$

$z=2.303$

-2
-1
0
1

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

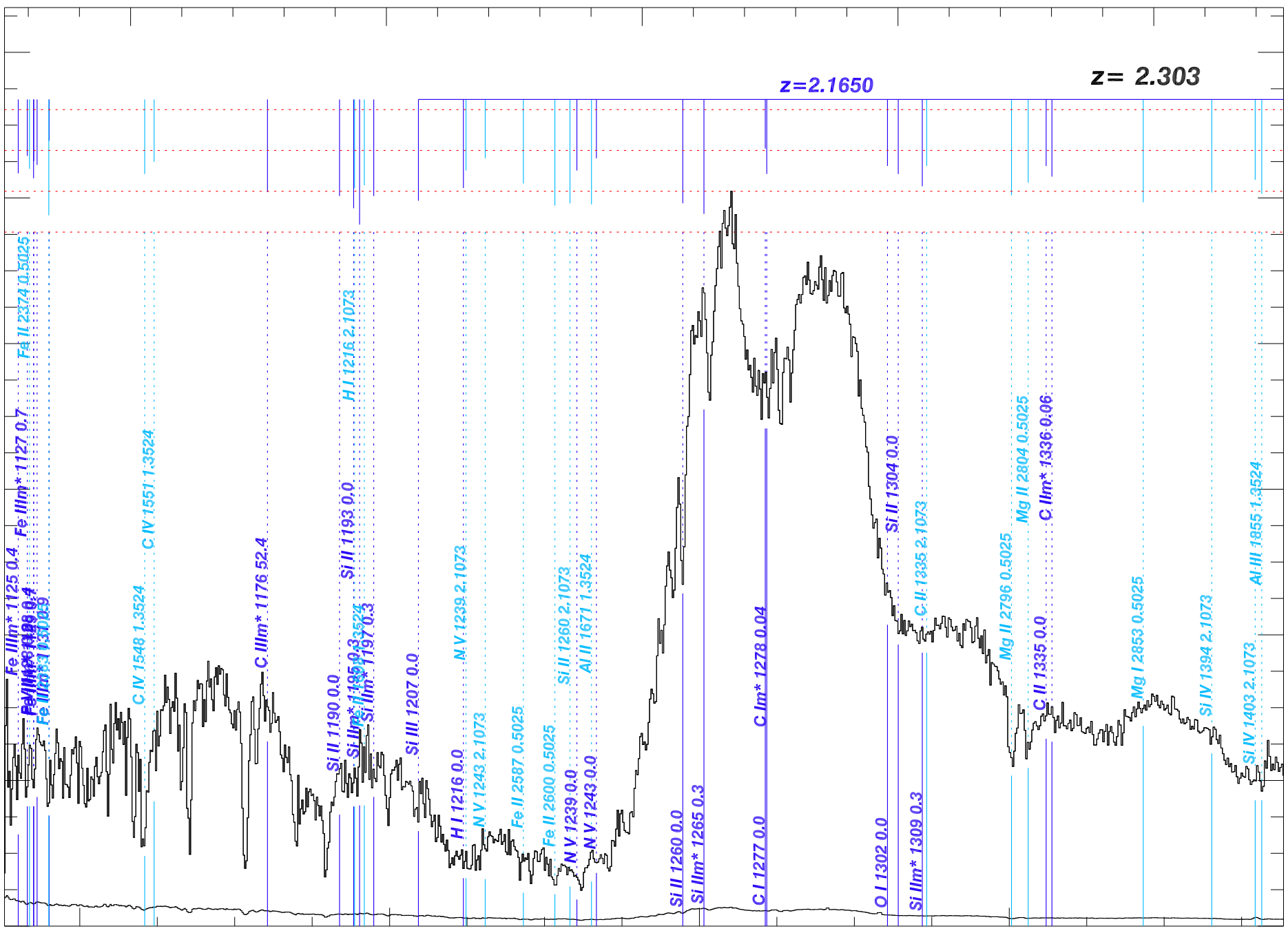
3600

3800

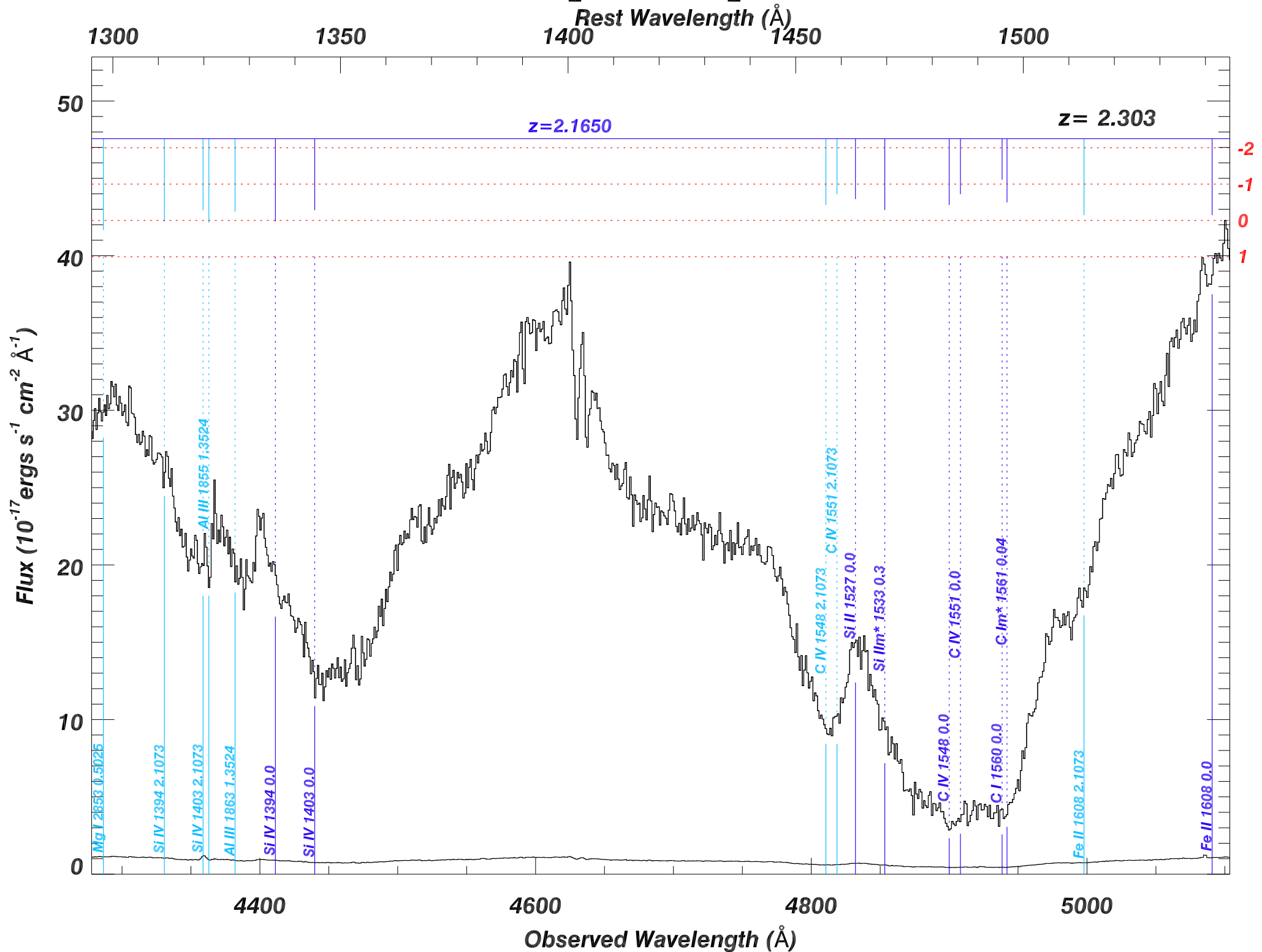
4000

4200

Observed Wavelength (Å)



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Rest Wavelength (\AA)

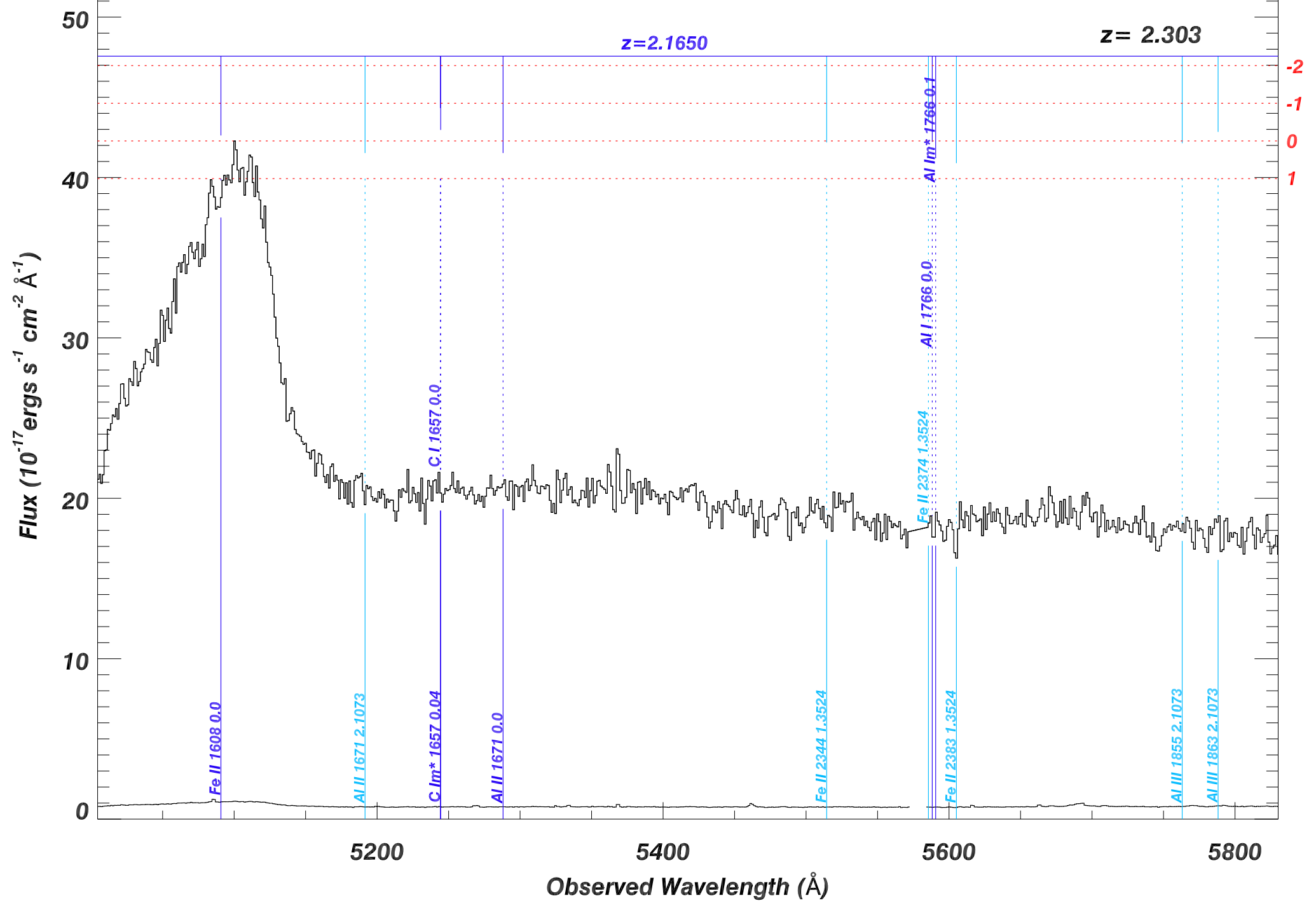
1550

1600

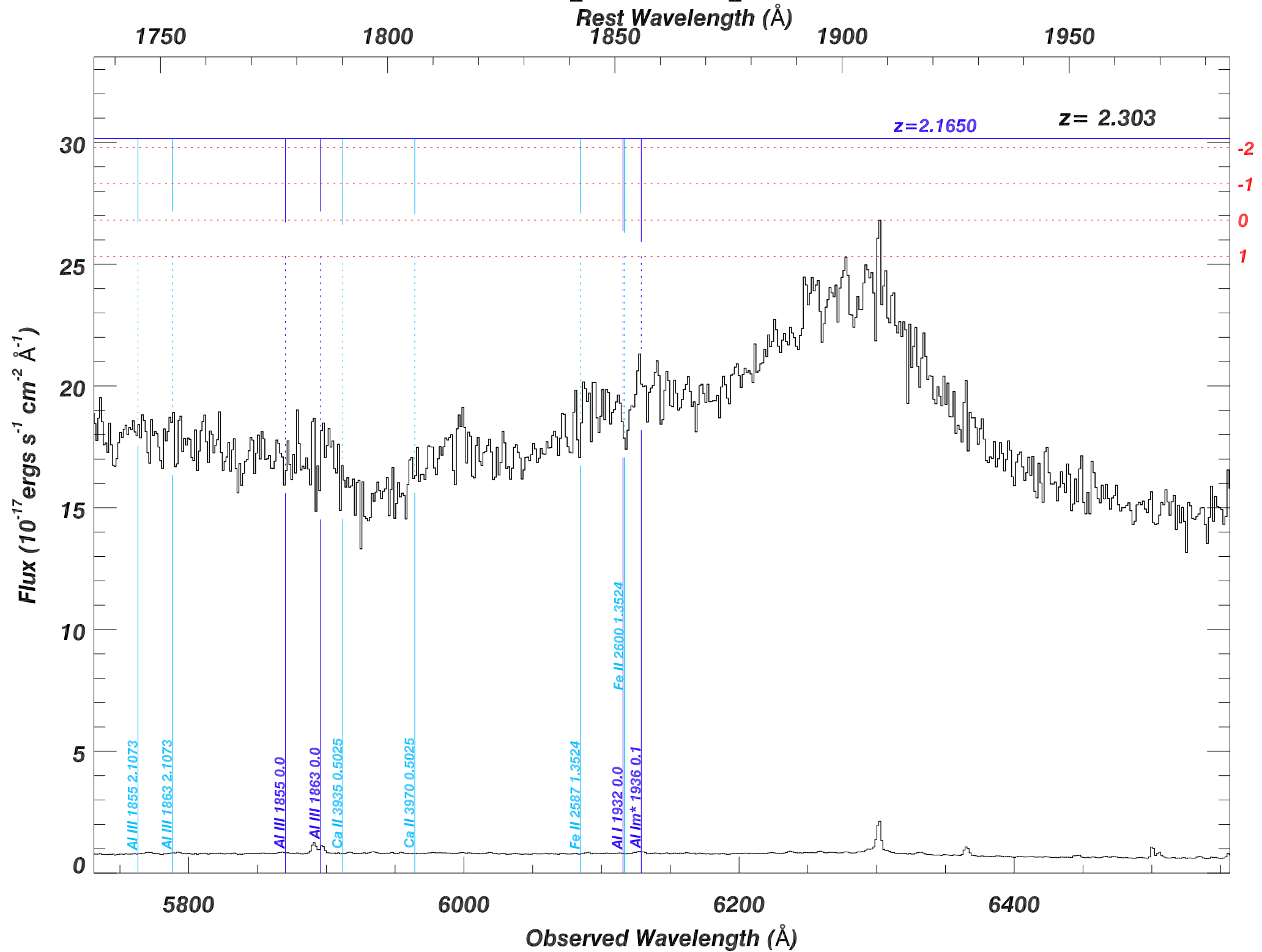
1650

1700

1750



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Rest Wavelength (\AA)

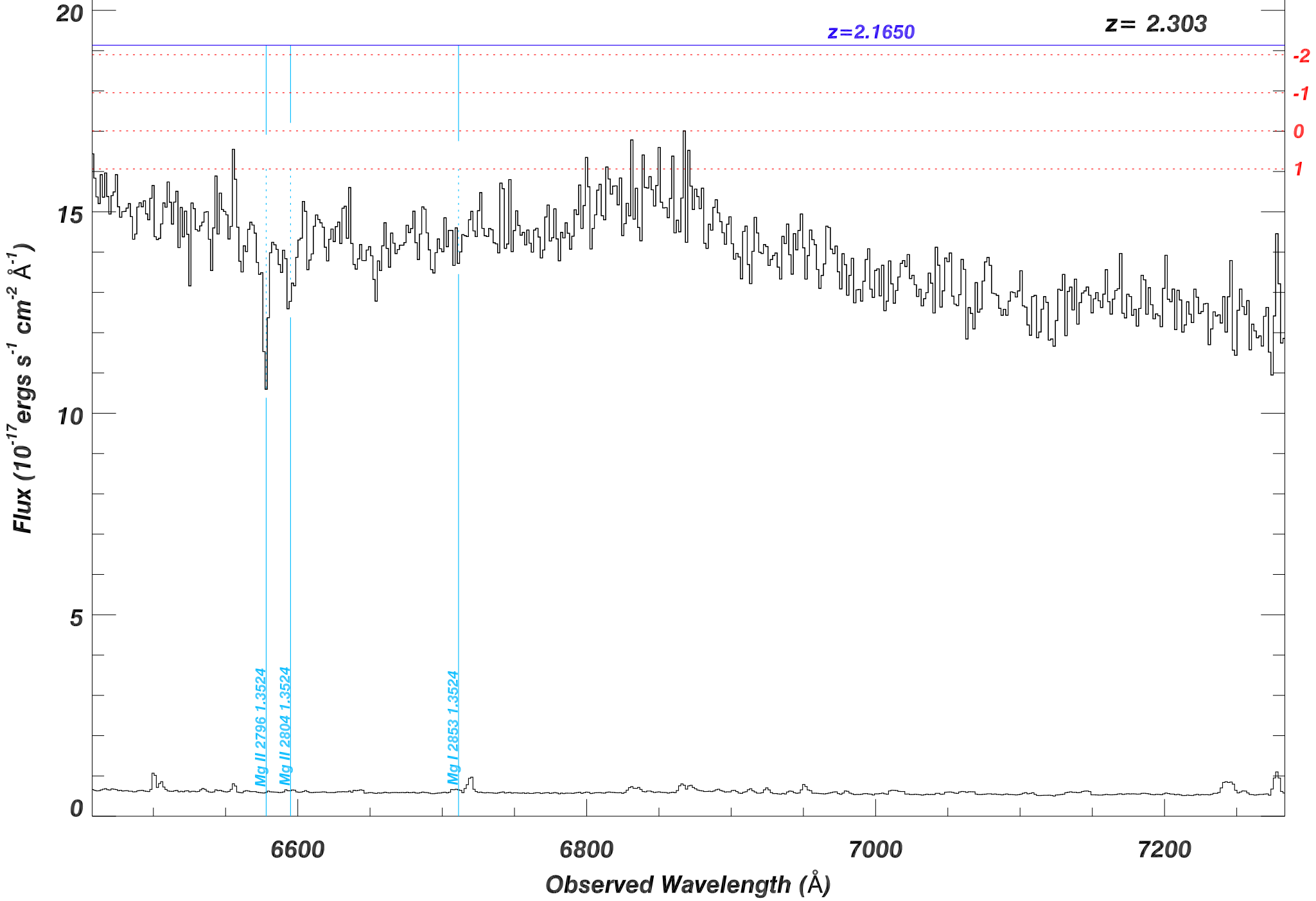
2000

2050

2100

2150

2200



$z = 2.1650$

$z = 2.303$

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

20

15

10

5

0

6600

6800

7000

7200

Observed Wavelength (\AA)

Mg II 2796 1.3524

Mg II 2804 1.3524

Mg I 2853 1.3524

-2
-1
0
1

SDSS_J1006+0119_MJD55650

Rest Wavelength (\AA)

2200

2250

2300

2350

2400

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

15

10

5

0

$z=2.1650$

$z=2.303$

-2

-1

0

1

Fe II 2344 2.1073

Fe II 2374 2.1073

Fe III* 2333 0.4

Fe III* 2339 0.9

Fe II 2344 0.0

Fe III* 2349 0.7

Fe III* 2366 0.4

Fe II 2374 0.0

Fe II 2383 0.0

Fe III* 2389 0.4

Fe III* 2396 0.4

Fe III* 2400 0.7

Fe III* 2406 0.7

Fe III* 2407 0.9

Fe III* 2411 0.9

Fe III* 2412 1.0

Fe III* 2474 1.0

Fe I 2484 0.0

Fe I 2524 0.0

7200

7400

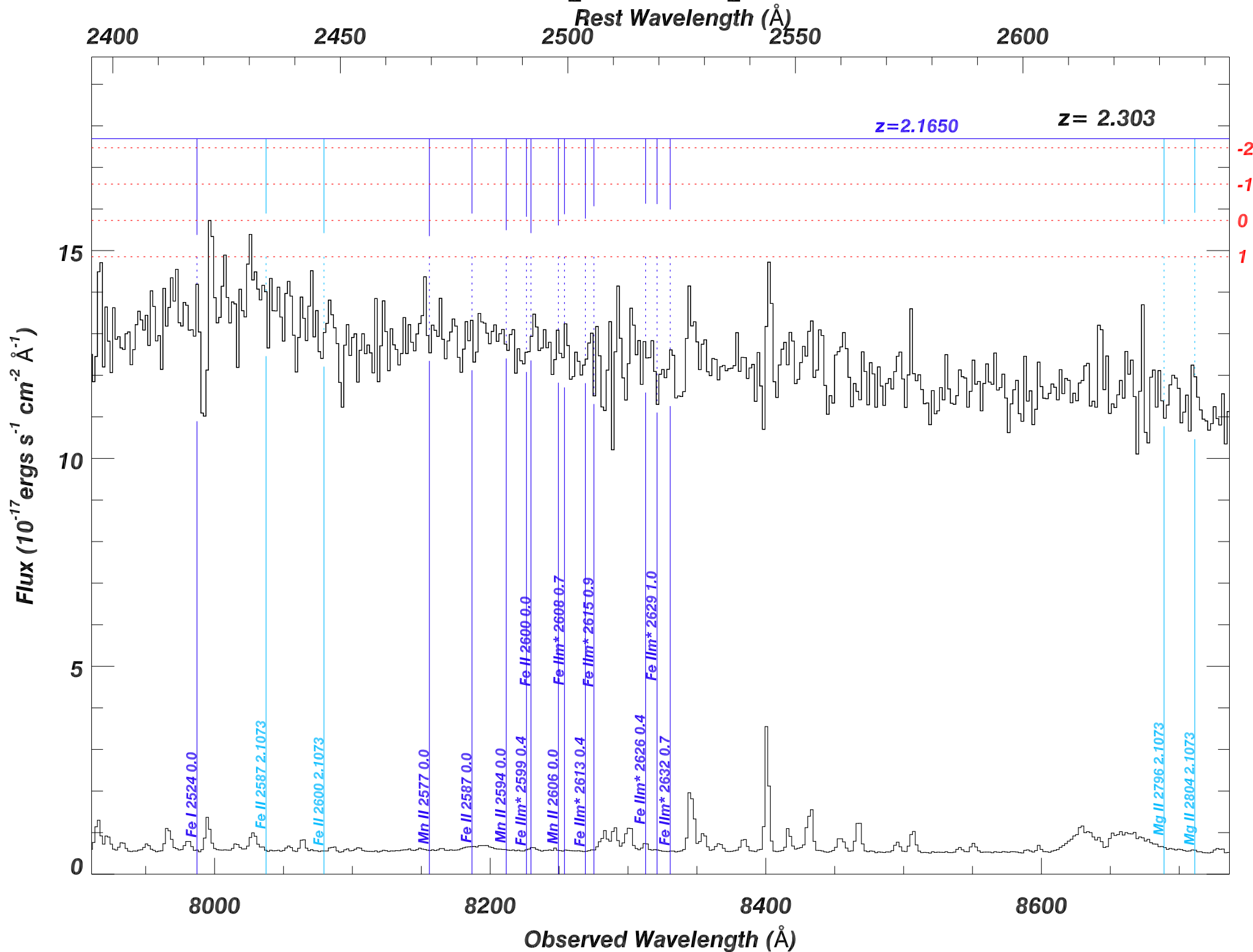
7600

7800

8000

Observed Wavelength (\AA)

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SDSS_J1006+0119_MJD55650

Rest Wavelength (\AA)

2650

2700

2750

2800

2850

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

20

15

10

5

0

$z=2.1650$

$z=2.303$

-2

-1

0

1

Mg II 2796 2.1073

Mg II 2804 2.1073

Mg II 2796 0.0

Mg I 2853 2.1073

Mg II 2804 0.0

Mg I 2853 0.0

Ca II 3935 1.3524

He I m* 2946 159.9

Ca II 3970 1.3524

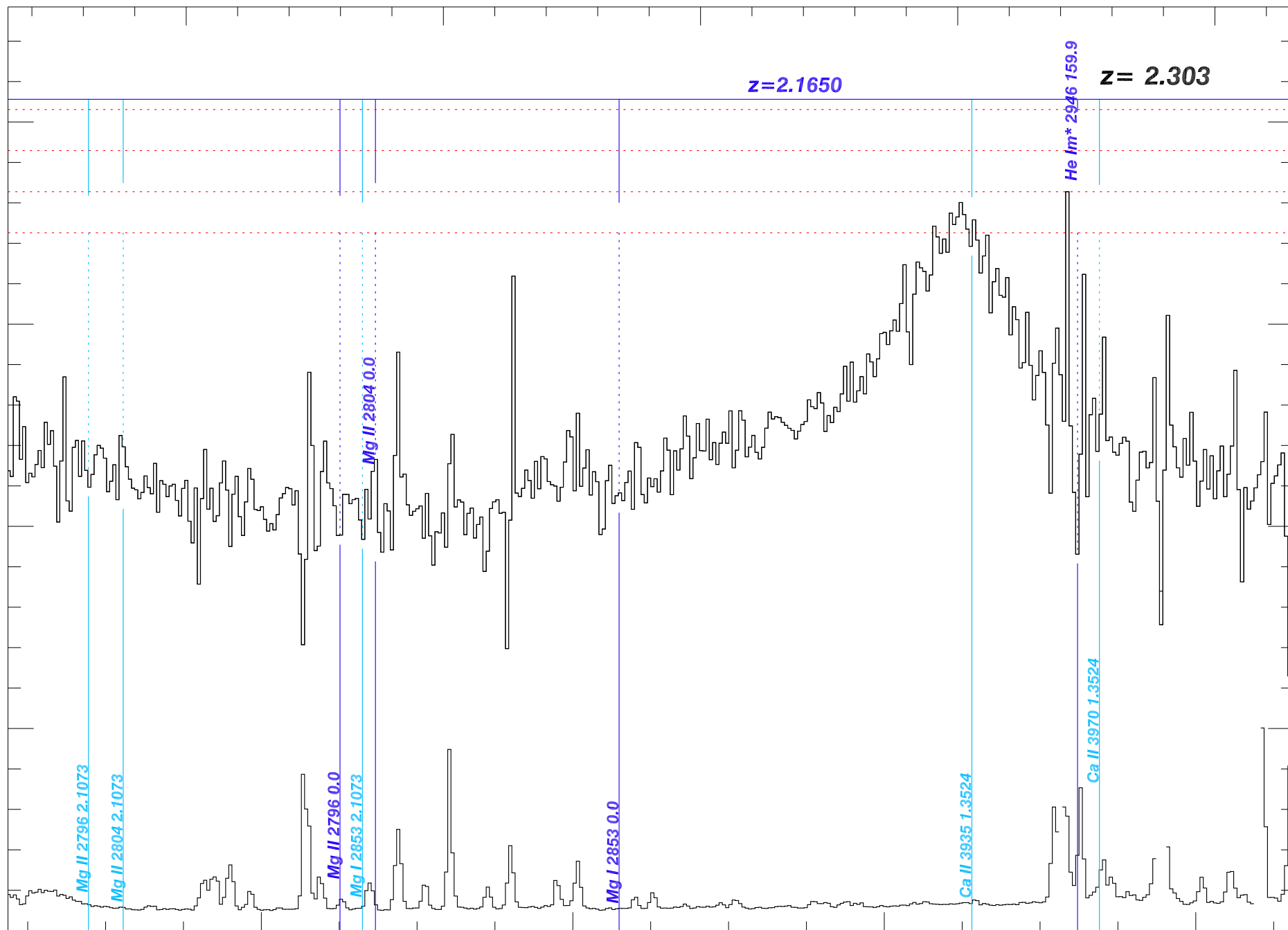
8800

9000

9200

9400

Observed Wavelength (\AA)



SDSS_J1006+0119_MJD55650

Rest Wavelength (\AA)

2850

2900

2950

3000

3050

$z=2.1650$

$z=2.303$

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

20

15

10

5

0

-2

-1

0

1

He I m* 3189.159.9

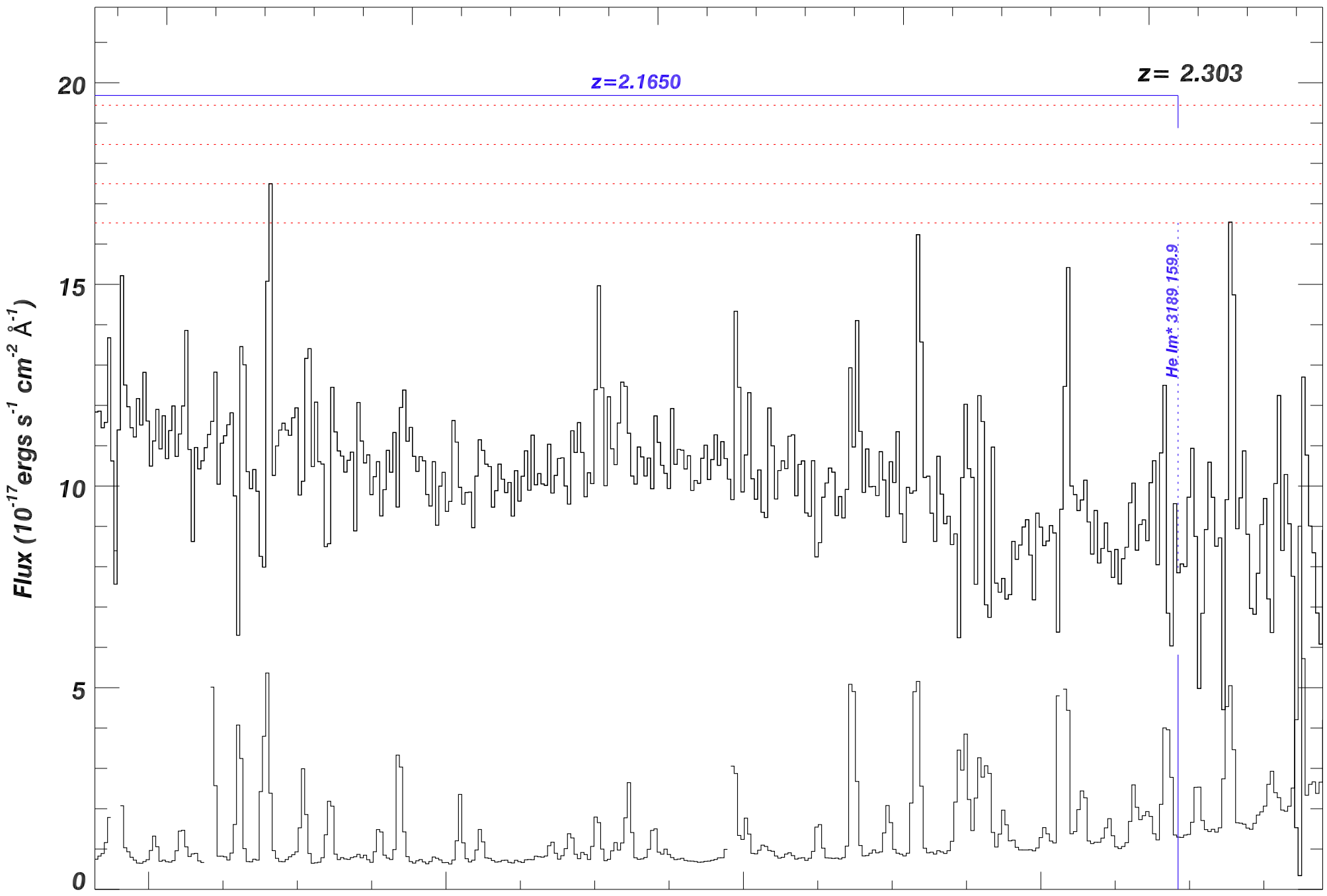
9400

9600

9800

10000

Observed Wavelength (\AA)



SDSS_J1006+0119_MJD55650

Rest Wavelength (\AA)

3100

3200

3300

3400

$z=2.1650$

$z=2.303$

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

40

30

20

10

0

-2

-1

0

1

1.02

$\times 10^4$

1.04

$\times 10^4$

1.06

$\times 10^4$

1.08

$\times 10^4$

Observed Wavelength (\AA)

He I λ 3189.159.9

