

SDSS_J1507+0200_MJD52017

Rest Wavelength (Å)

2000

2500

3000

3500

4000

z = 1.082

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

150
100
50
0

4000

5000

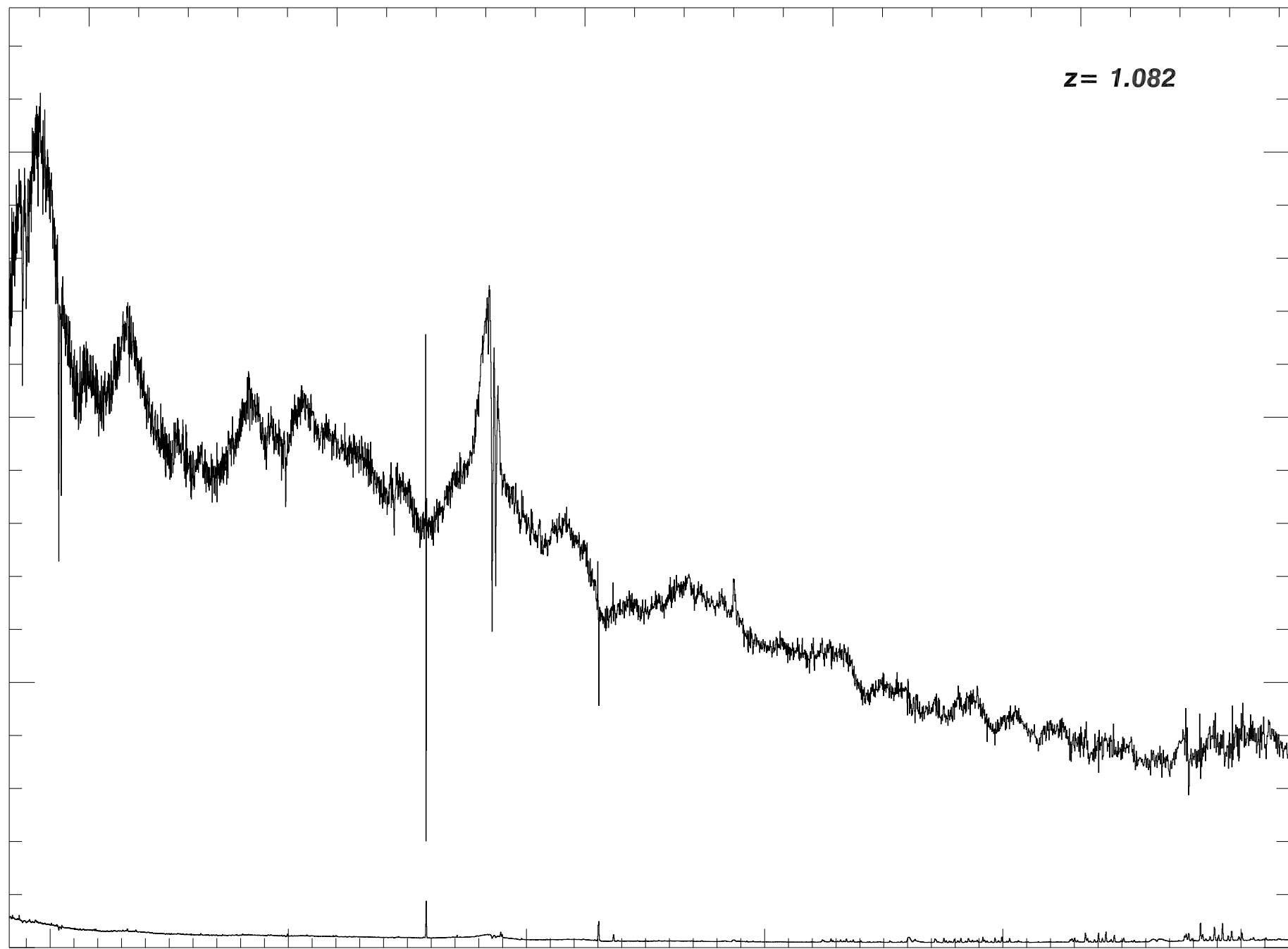
6000

7000

8000

9000

Observed Wavelength (Å)



SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)

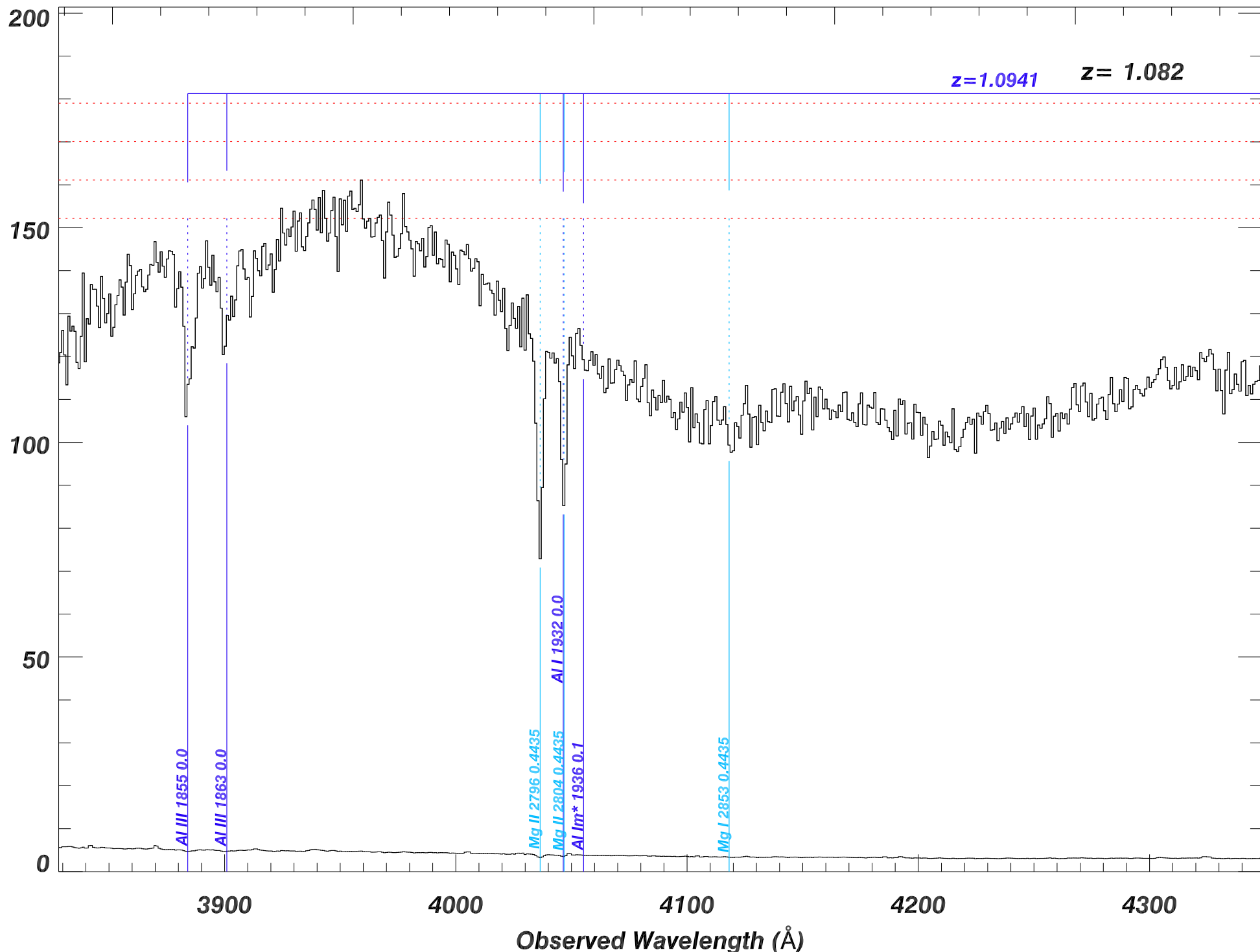
1850

1900

1950

2000

2050



Observed Wavelength (\AA)

3900

4000

4100

4200

4300

$z=1.0941$

$z=1.082$

-2
-1
0
1

SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)

2100

2150

2200

2250

2300

$z = 1.082$

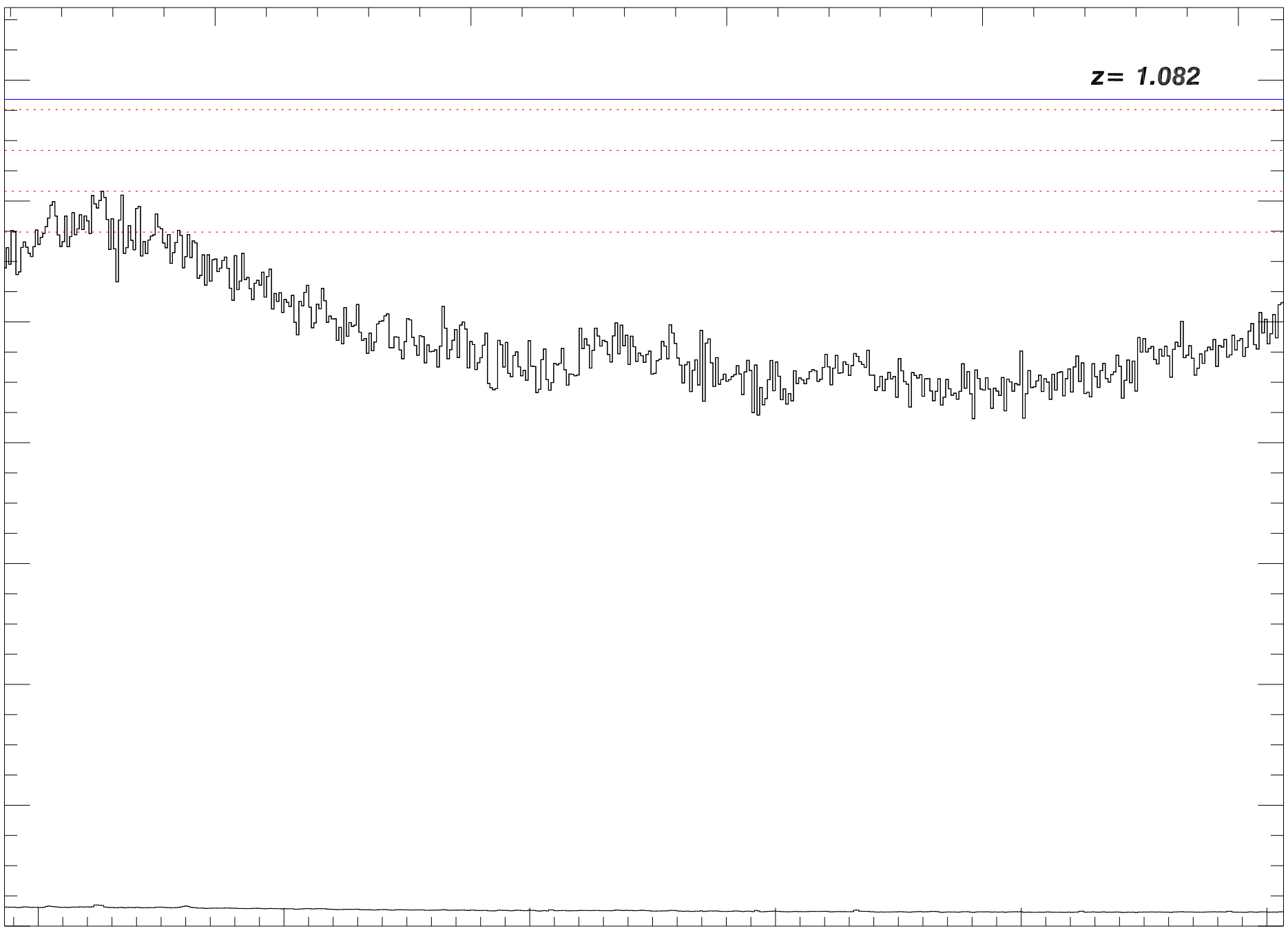
-2
-1
0
1

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

140
120
100
80
60
40
20
0

4300 4400 4500 4600 4700 4800

Observed Wavelength (\AA)



SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)

2300

2350

2400

2450

2500

120

100

80

60

40

20

0

$z=1.0941$

$z=1.082$

-2

-1

0

1

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

4800

4900

5000

5100

5200

Observed Wavelength (\AA)

Fe II λ 2333 0.4

Fe II λ 2339 0.9

Fe II 2344 0.0

Fe II λ 2349 0.7

Fe II λ 2366 0.4

Fe II 2374 0.0

Fe II 2383 0.0

Fe II λ 2389 0.4

Fe II λ 2396 0.4

Fe II λ 2400 0.7

Fe II λ 2406 0.7

Fe II λ 2407 0.9

Fe II λ 2411 0.9

Fe II λ 2412 1.0

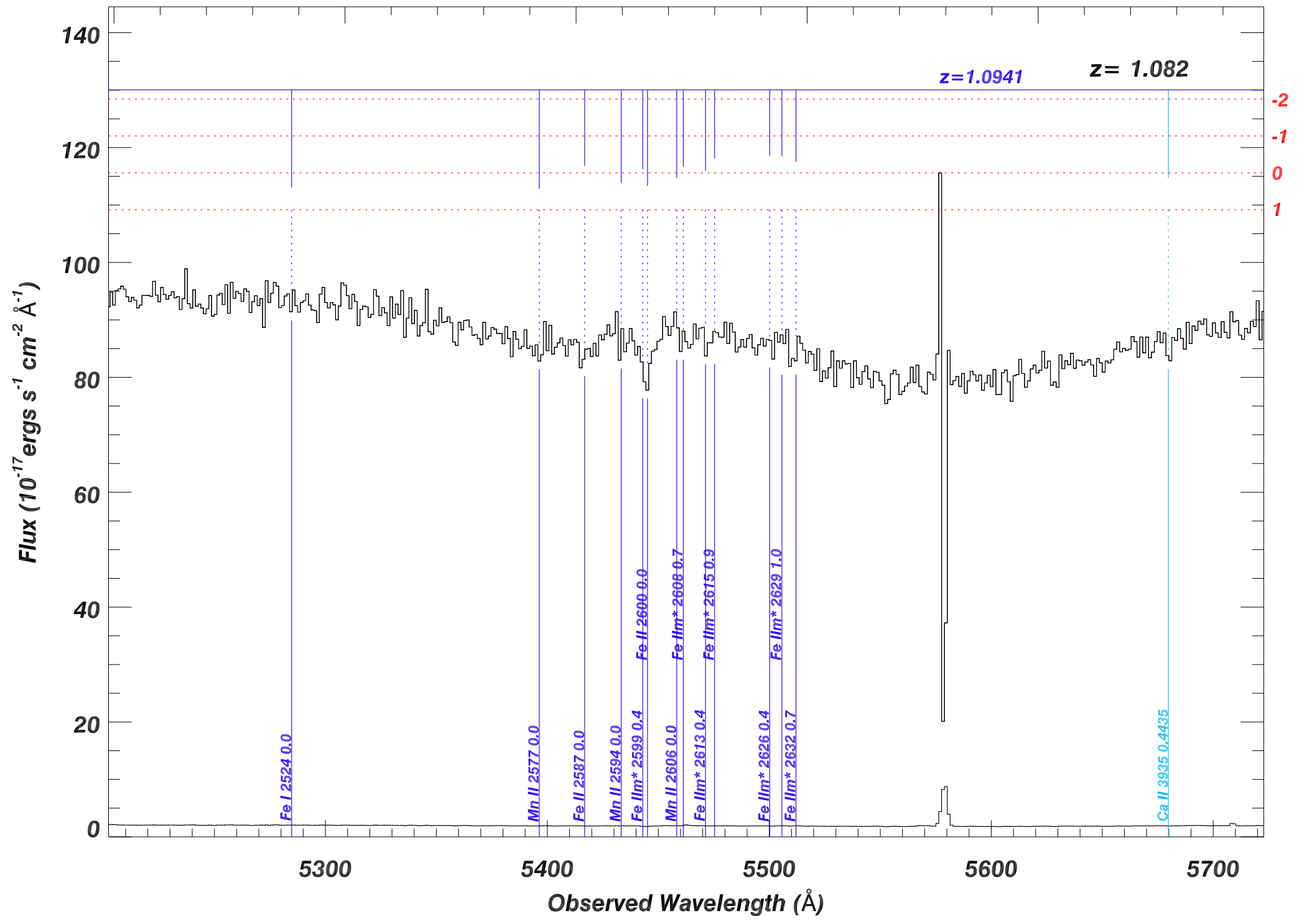
Fe II λ 2414 1.0

Fe I 2484 0.0

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Rest Wavelength (\AA)

2500 2550 2600 2650 2700



SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)

2750

2800

2850

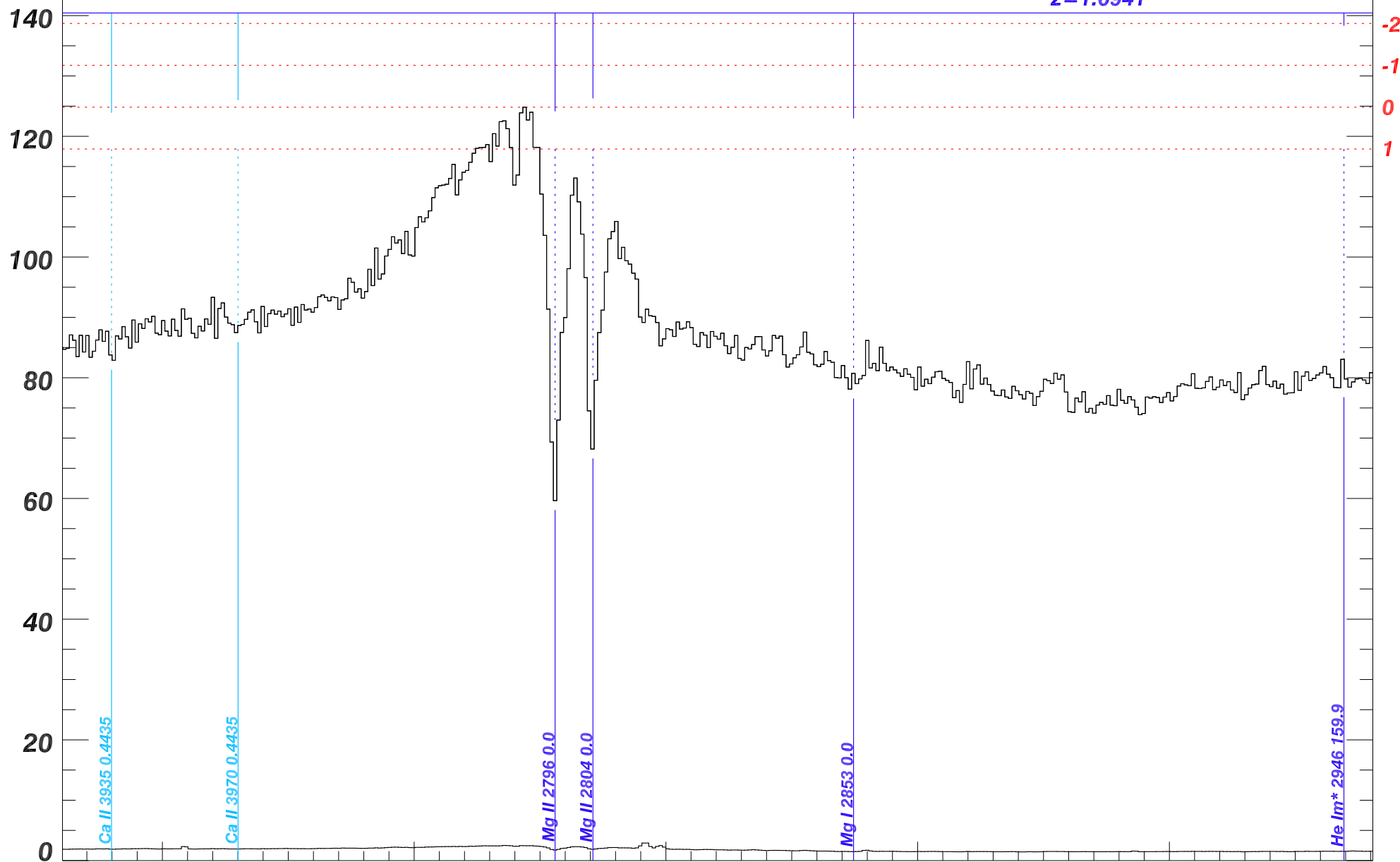
2900

2950

$z=1.0941$

$z=1.082$

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



5700

5800

5900

6000

6100

Observed Wavelength (\AA)

SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)

2950

3000

3050

3100

3150

100

$z=1.0941$

$z=1.082$

-2

-1

0

1

80

60

40

20

0

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

He I λ * 2946 159.9

6200

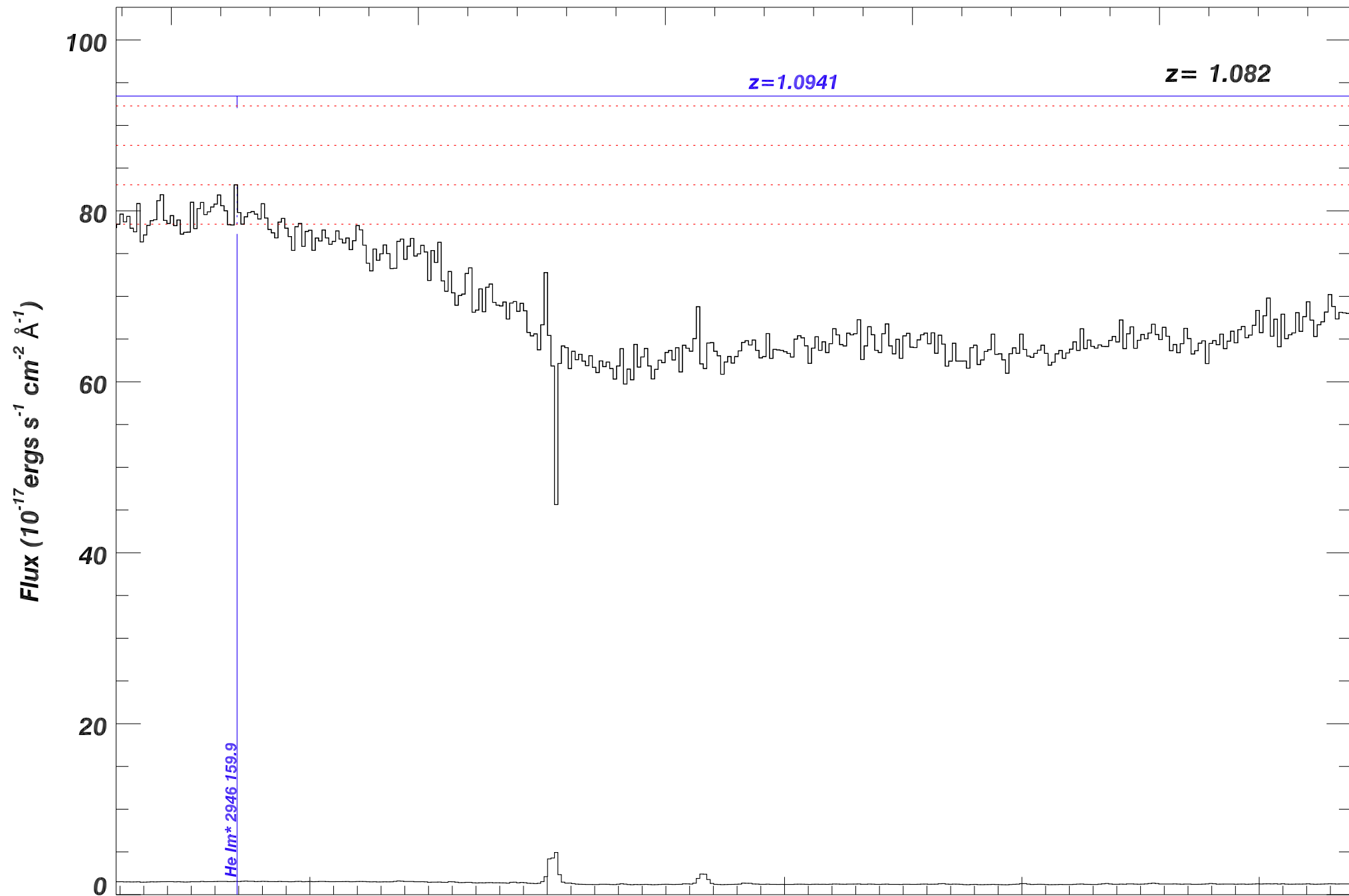
6300

6400

6500

6600

Observed Wavelength (\AA)



SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)

3200

3300

3400

3500

$z=1.0941$

$z=1.082$

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

80

60

40

20

0

-2

-1

0

1

He I m* 3189.159.9

6600

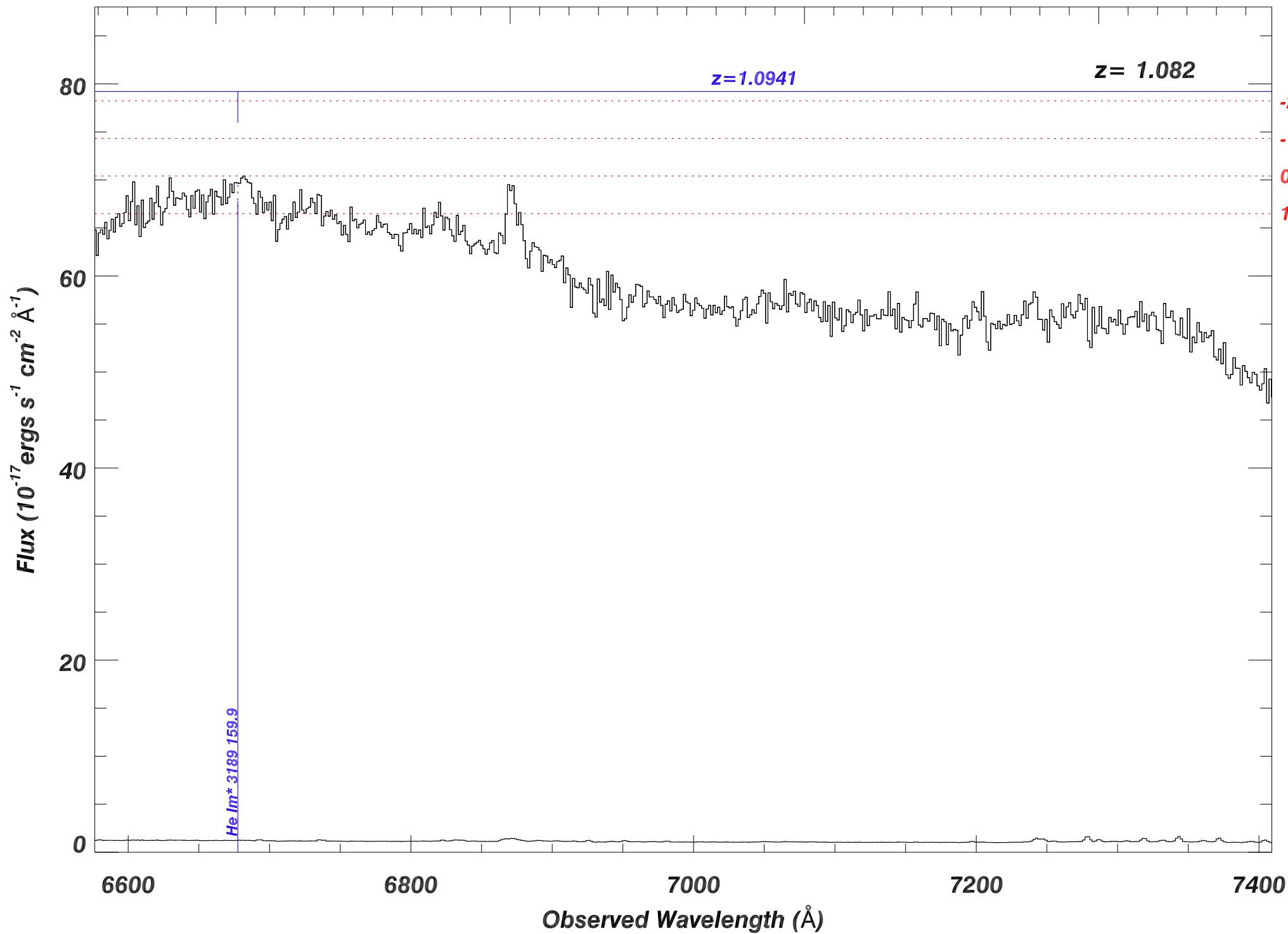
6800

7000

7200

7400

Observed Wavelength (\AA)



SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)

3600

3700

3800

3900

$z=1.0941$

$z=1.082$

-2

-1

0

1

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

60

40

20

0

7400

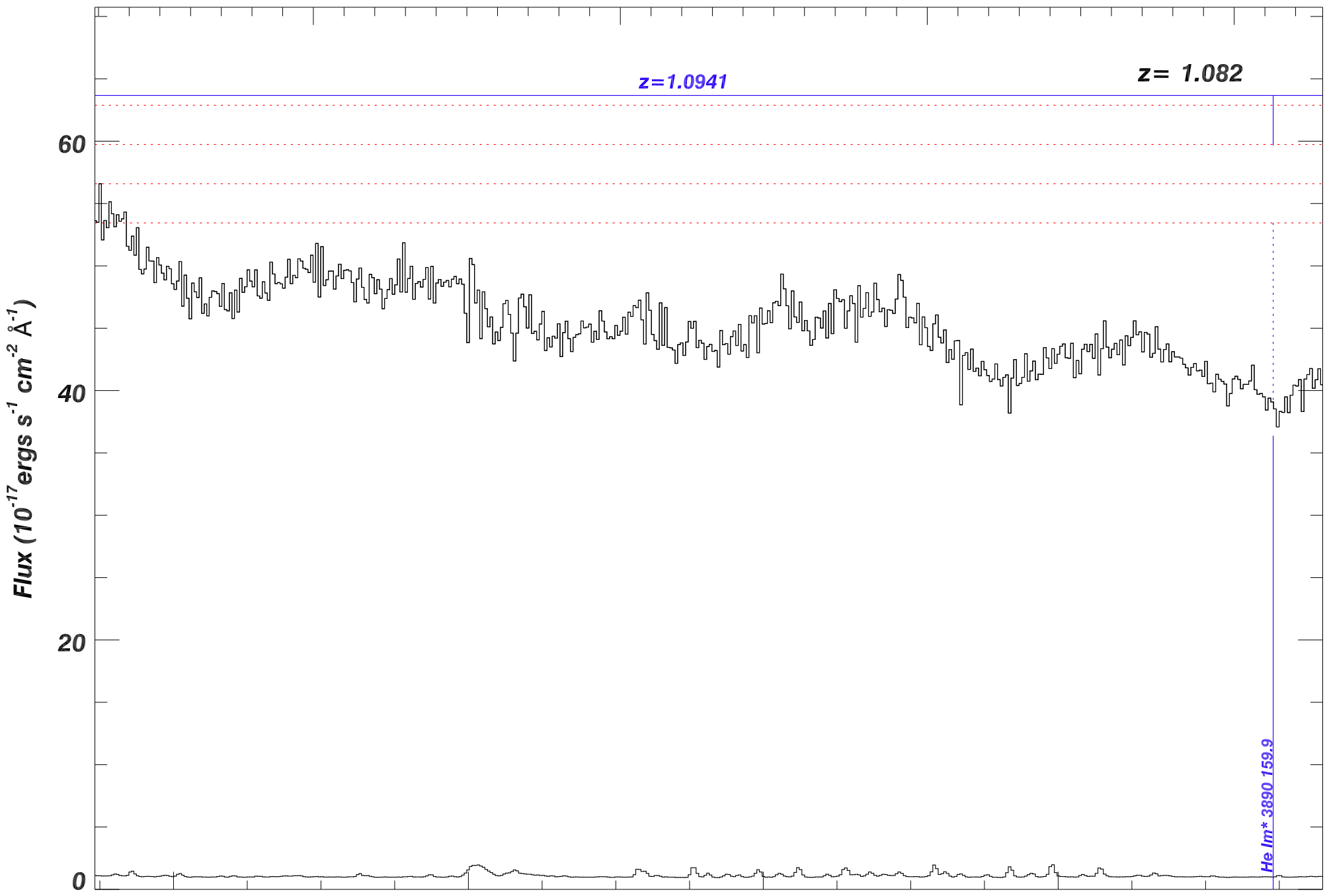
7600

7800

8000

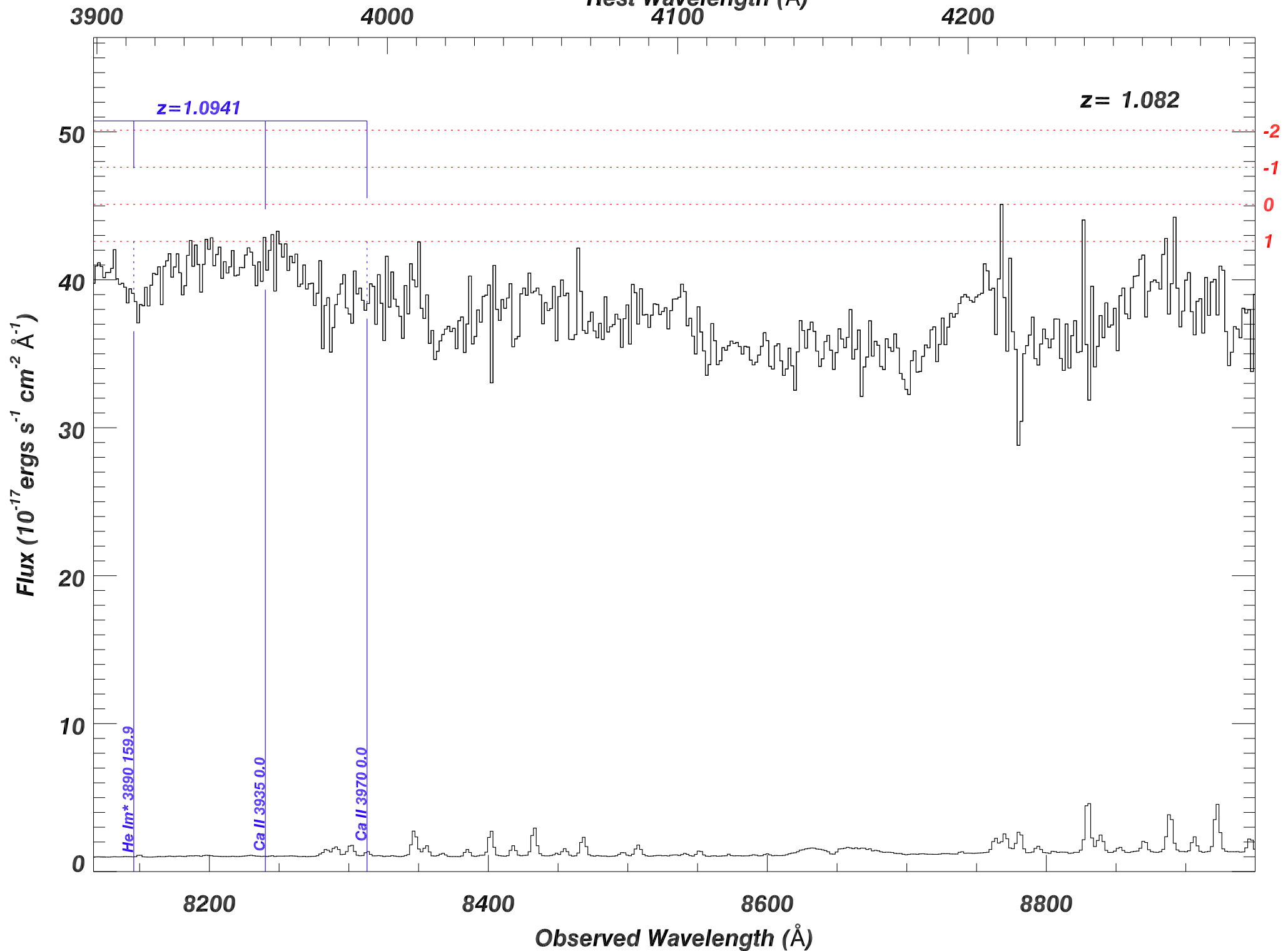
Observed Wavelength (\AA)

He I m* 3890 159.9



SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)



SDSS_J1507+0200_MJD52017

Rest Wavelength (\AA)

4300

4400

4500

4600

$z = 1.082$

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

50

40

30

20

10

0

-2

-1

0

1

9000

9200

9400

9600

Observed Wavelength (\AA)

