

SDSS_J1242+6246_MJD56444

Rest Wavelength (\AA)

2000

2500

3000

3500

4000

4500

$z = 1.296$

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

150

100

50

0

4000

5000

6000

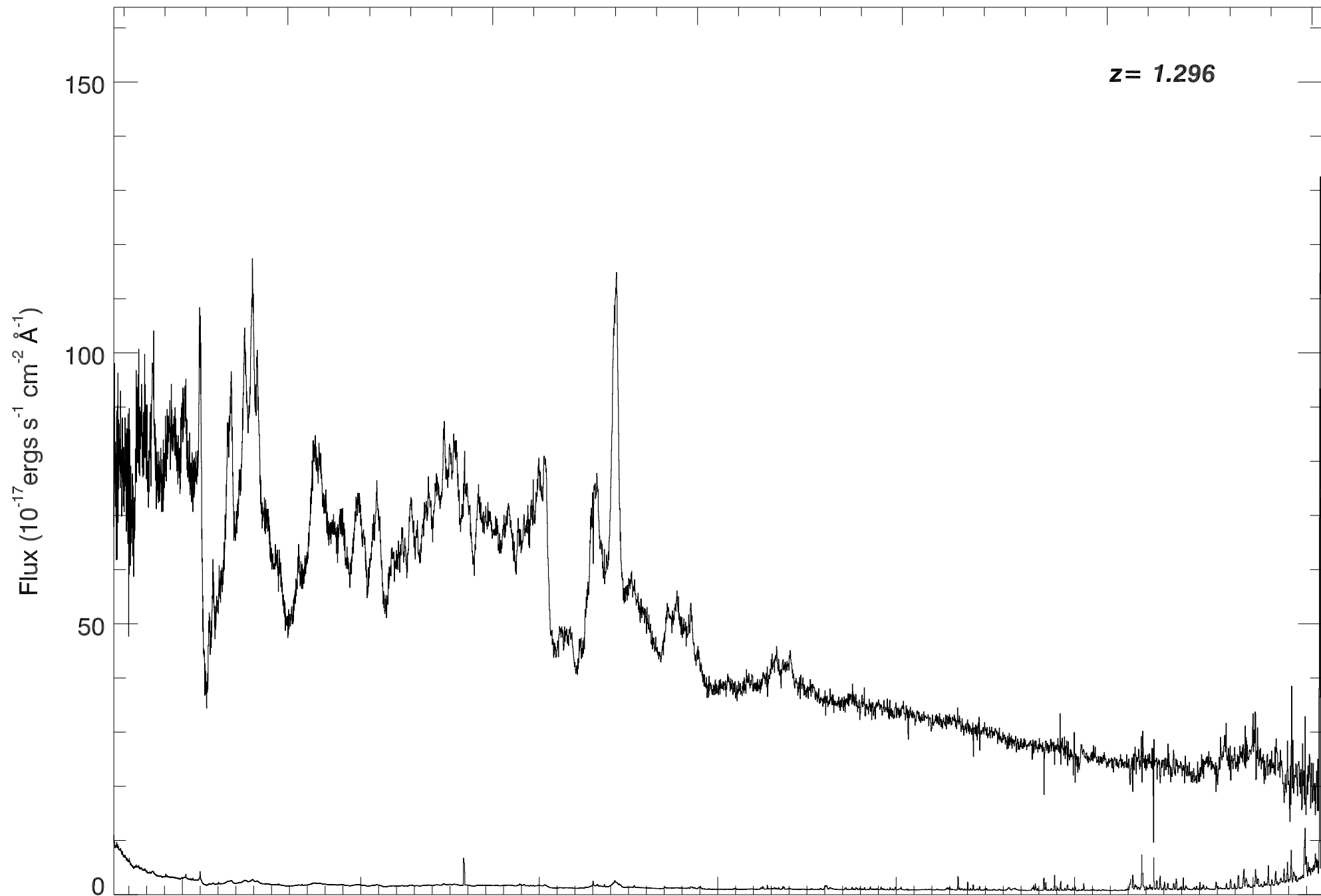
7000

8000

9000

10000

Observed Wavelength (\AA)



SDSS_J1242+6246_MJD56444

Rest Wavelength (\AA)

1600

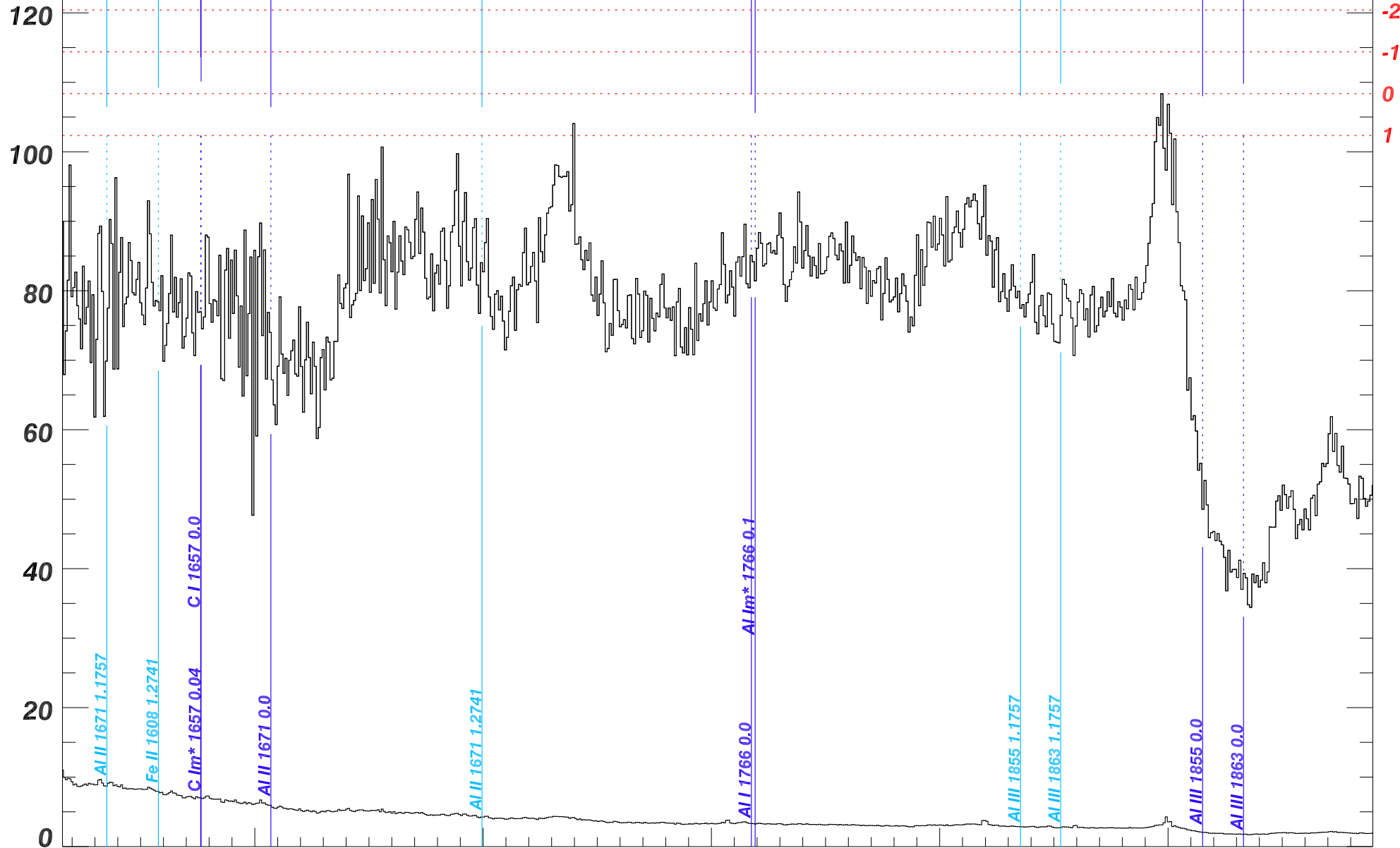
1650

1700

1750

1800

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



Observed Wavelength (\AA)

3700

3800

3900

4000

4100

SDSS_J1242+6246_MJD56444

Rest Wavelength (\AA)

1800

1850

1900

1950

2000

140

120

100

80

60

40

20

0

$z=1.2187$

$z=1.296$

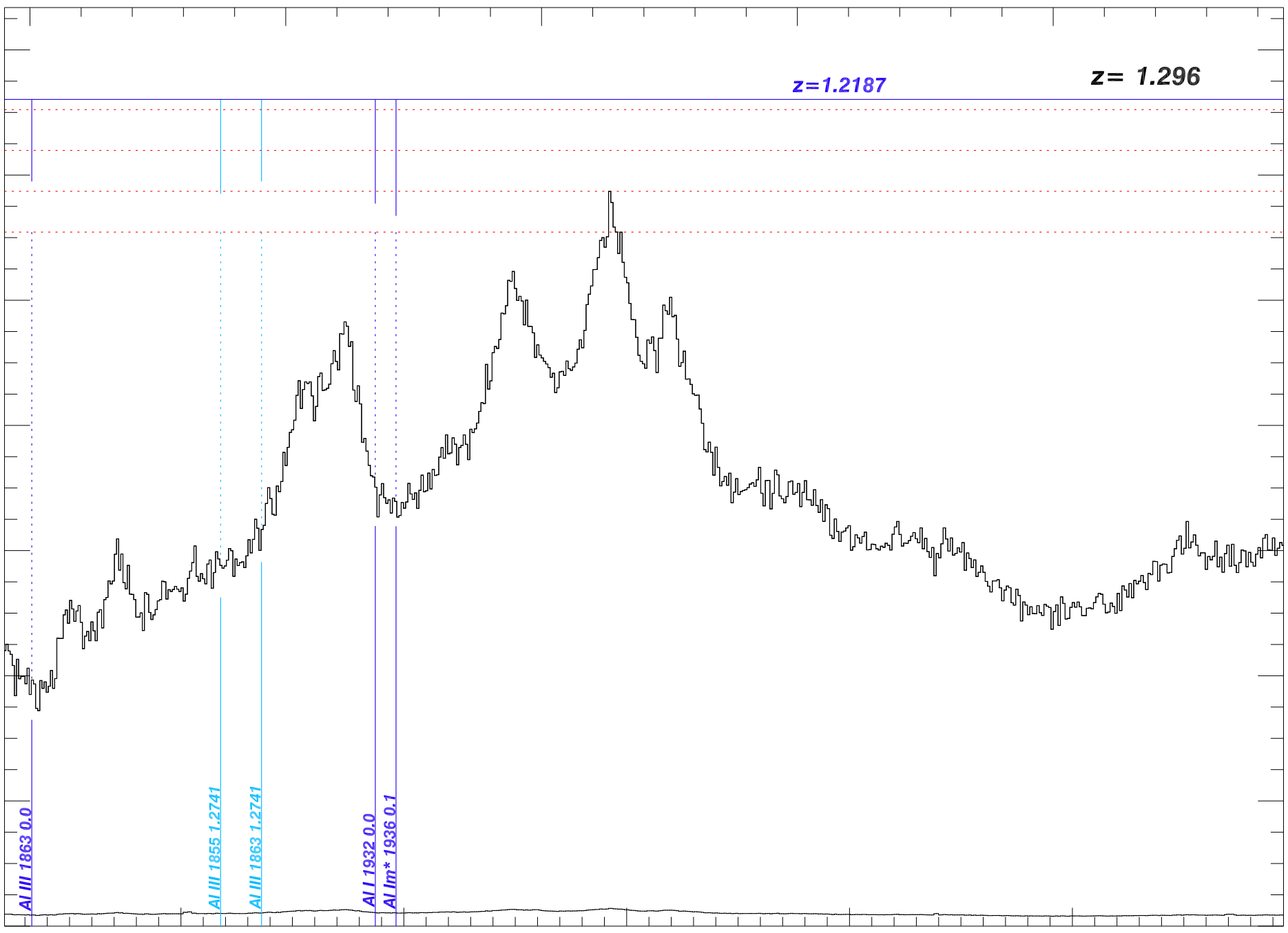
-2

-1

0

1

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



4200

4300

4400

4500

4600

Observed Wavelength (\AA)

SDSS_J1242+6246_MJD56444

Rest Wavelength (\AA)

2050

2100

2150

2200

2250

$z=1.2187$

$z=1.296$

-2

-1

0

1

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

100

80

60

40

20

0

4700

4800

4900

5000

5100

Observed Wavelength (\AA)

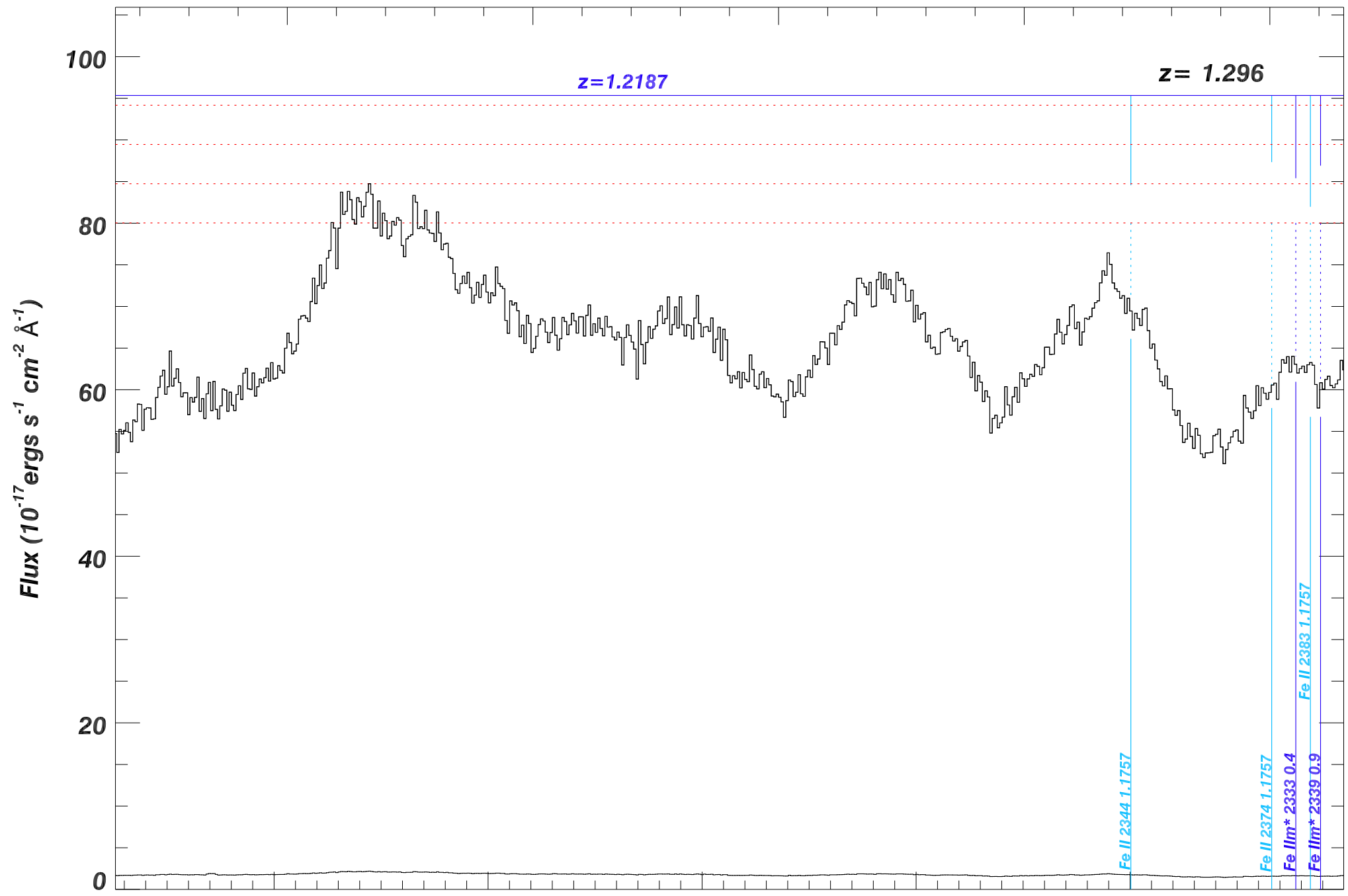
Fe II 2344 1.1757

Fe II 2374 1.1757

Fe II m* 2333 0.4

Fe II m* 2339 0.9

Fe II 2383 1.1757



SDSS_J1242+6246_MJD56444

Rest Wavelength (Å)
2350 2400

2250

2300

2450

100

$z=1.2187$

$z=1.296$

-2
-1
0
1

80

60

40

20

0

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

5200

5300

5400

5500

5600

5700

Observed Wavelength (Å)

Fe II 2374 1.1757

Fe II* 2333 0.4

Fe II* 2339 0.9

Fe II 2344 0.0

Fe II* 2349 0.7

Fe II* 2366 0.4

Fe II 2374 0.0

Fe II 2383 0.0

Fe II* 2389 0.4

Fe II* 2396 0.4

Fe II 2400 0.7

Fe II* 2406 0.7

Fe II* 2411 0.9

Fe II* 2412 1.0

Fe II* 2414 1.0

Fe II 2374 1.2741

Fe II 2383 1.2741

Fe I 2484 0.0

Fe I 2524 0.0

Fe II 2587 1.1757

Fe II 2600 1.1757

SDSS_J1242+6246_MJD56444

Rest Wavelength (Å)

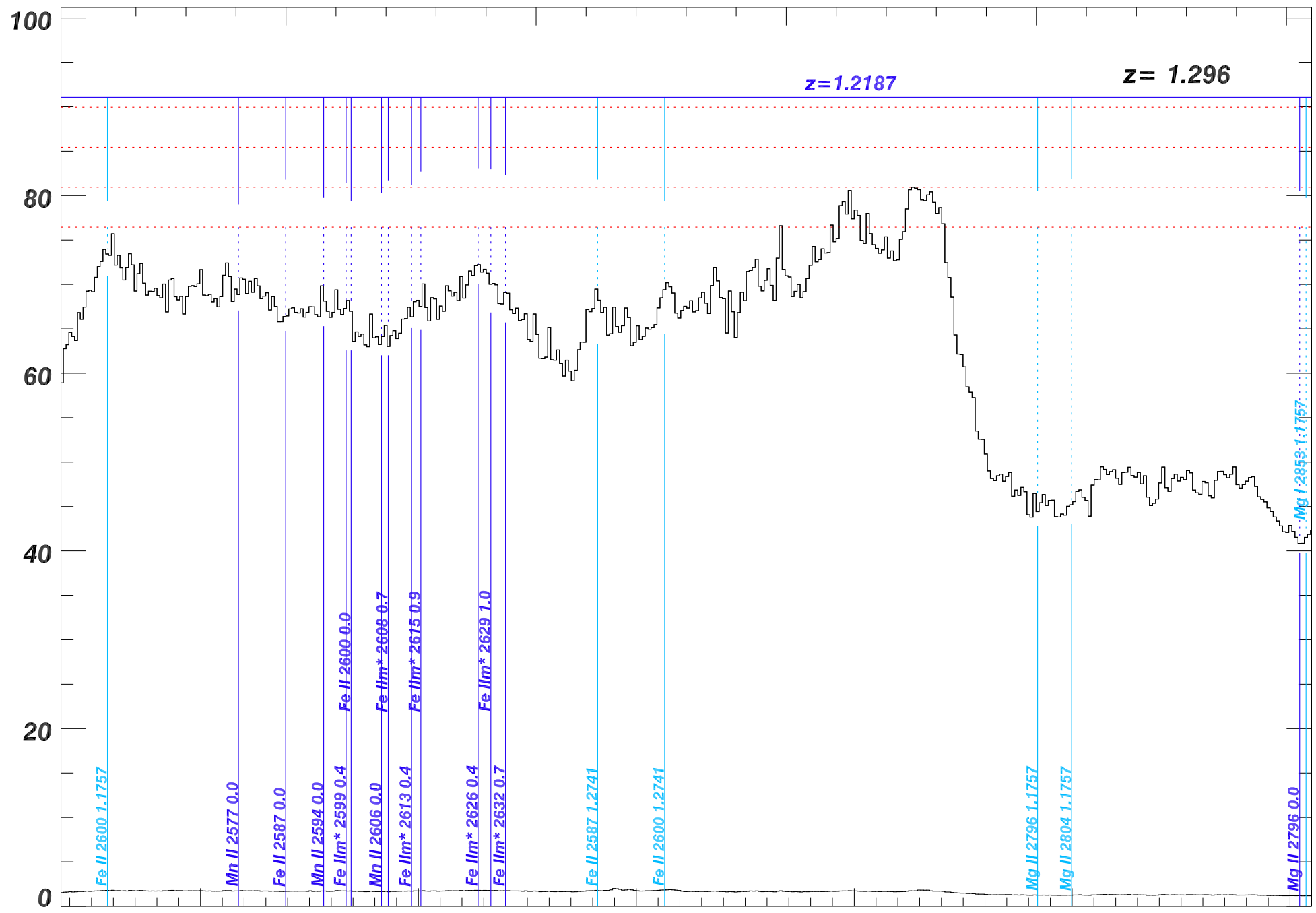
2500

2550

2600

2650

2700



5700

5800

5900

6000

6100

6200

Observed Wavelength (Å)

SDSS_J1242+6246_MJD56444

Rest Wavelength (\AA)

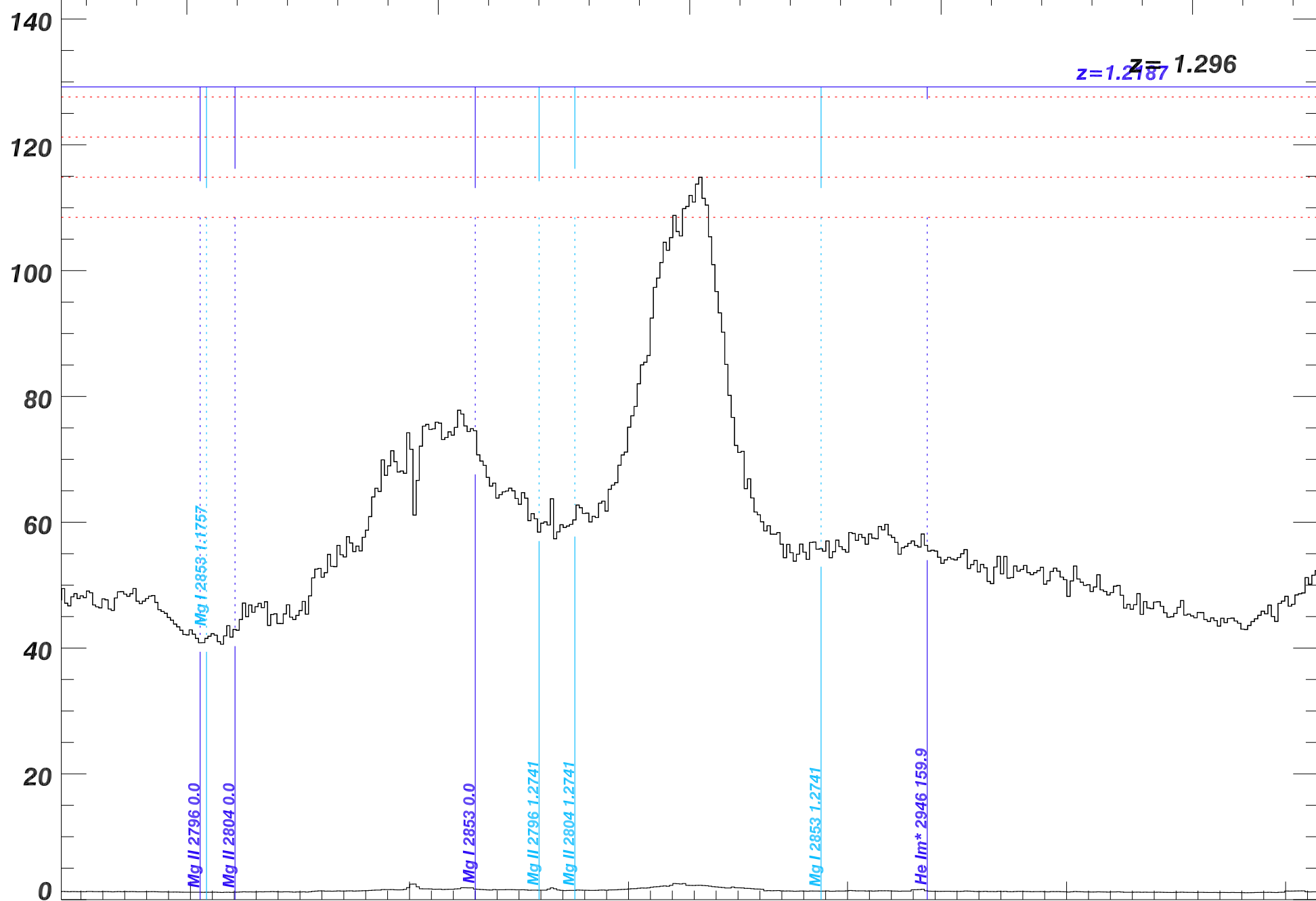
2700

2750

2800

2850

2900



6200

6300

6400

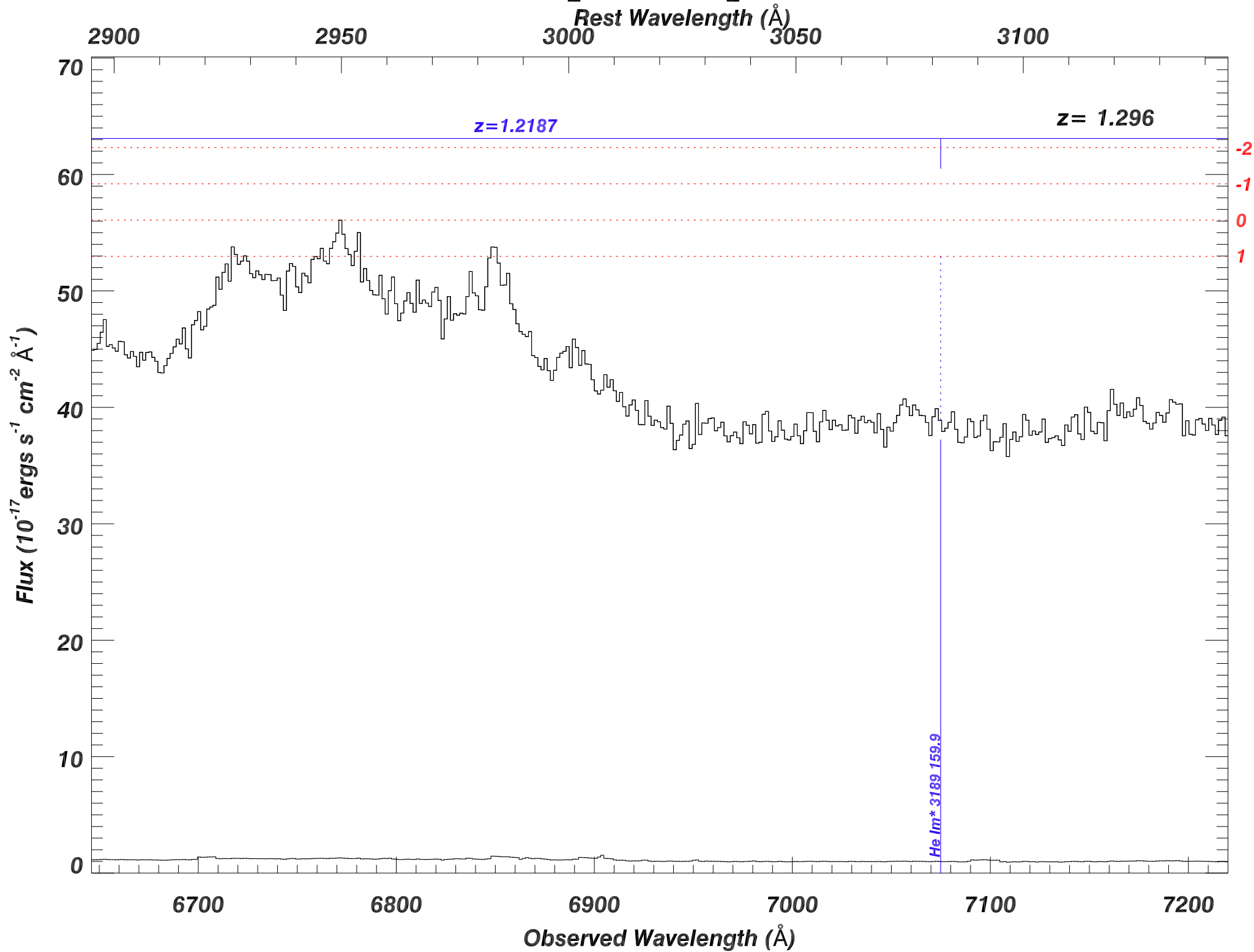
6500

6600

6700

Observed Wavelength (\AA)

SDSS_J1242+6246_MJD56444



SDSS_J1242+6246_MJD56444

Rest Wavelength (\AA)
3300

3200

3400

3500

$z = 1.296$

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

50

40

30

20

10

0

-2

-1

0

1

7200

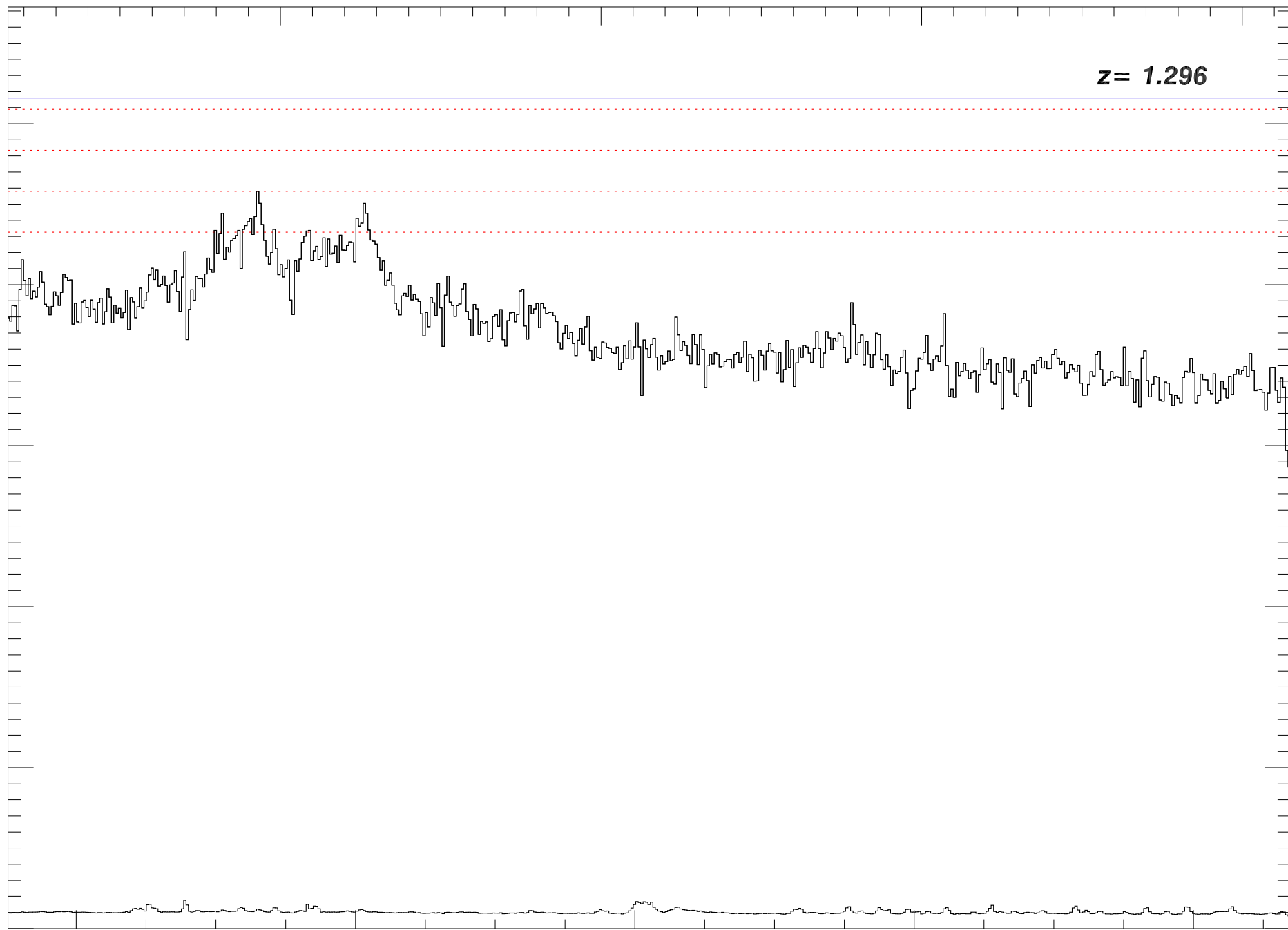
7400

7600

7800

8000

Observed Wavelength (\AA)



SDSS_J1242+6246_MJD56444

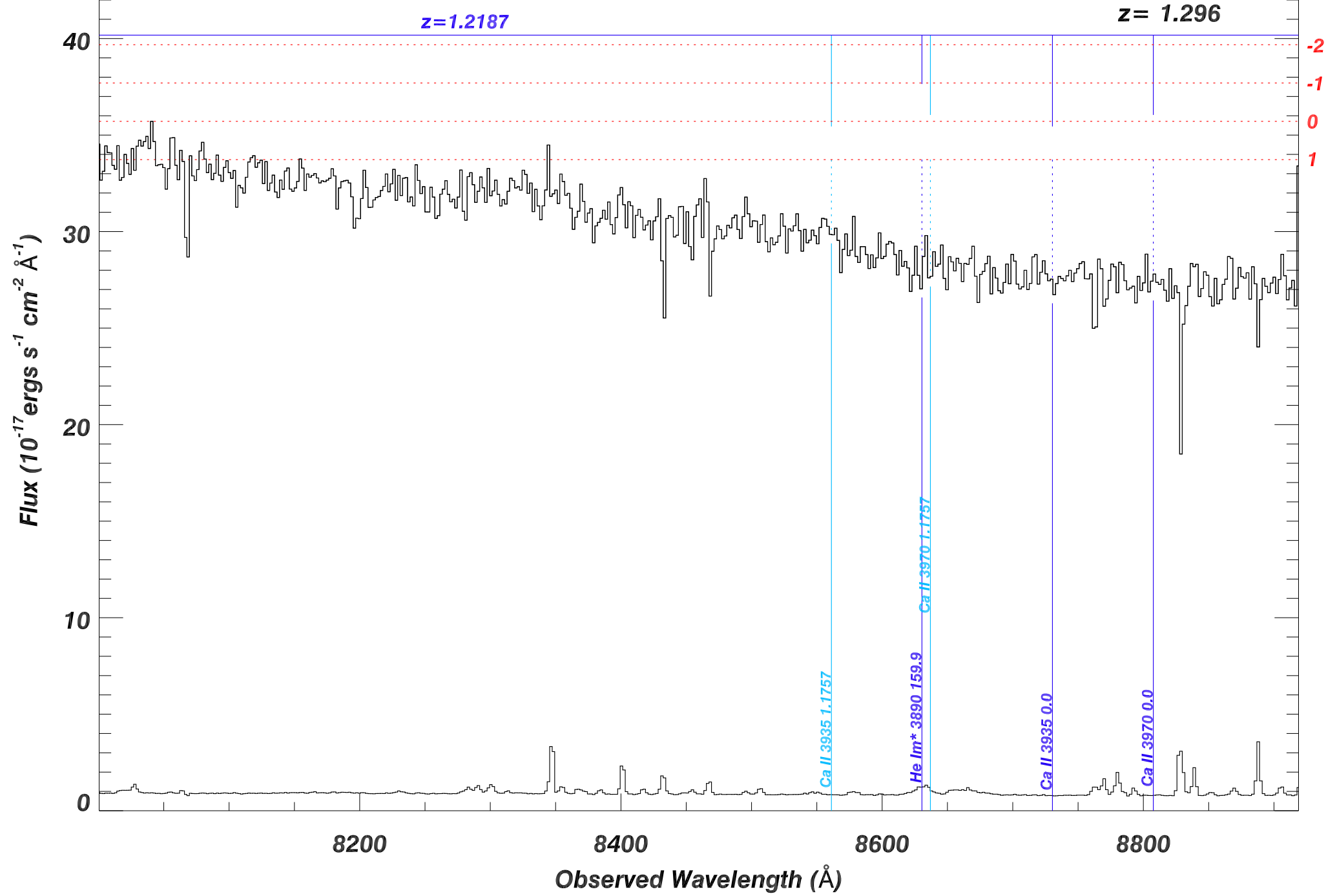
Rest Wavelength (\AA)

3500

3600

3700

3800



$z=1.2187$

$z=1.296$

-2
-1
0
1

Ca II 3935 1.1757

He I m* 3890 159.9

Ca II 3970 1.1757

Ca II 3935 0.0

Ca II 3970 0.0

8200

8400

8600

8800

Observed Wavelength (\AA)

SDSS_J1242+6246_MJD56444

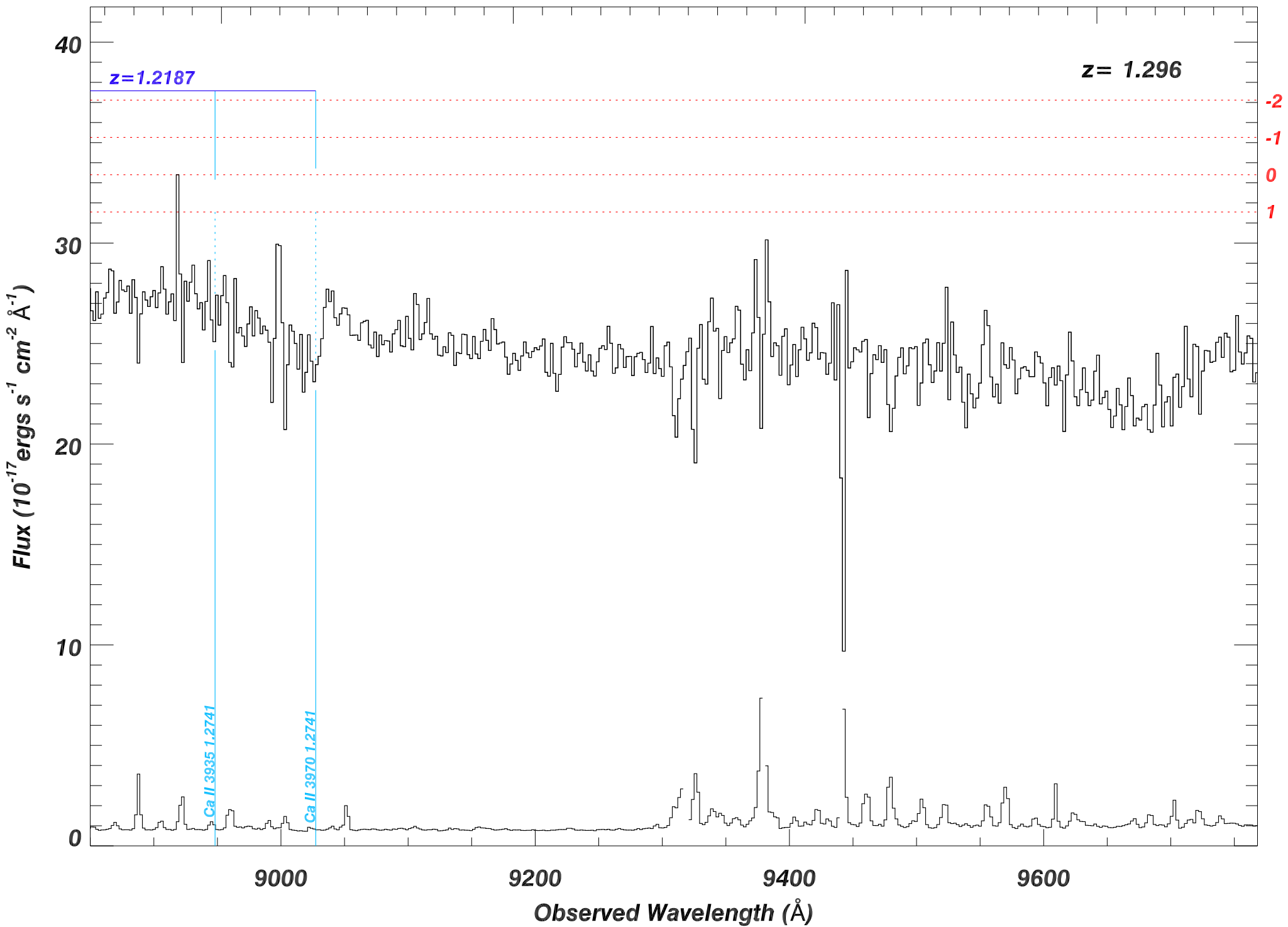
Rest Wavelength (\AA)

3900

4000

4100

4200



SDSS_J1242+6246_MJD56444

Rest Wavelength (\AA)

4300

4400

4500

4600

z = 1.296

