

SDSS_J1123+0137_MJD52636

Rest Wavelength (\AA)

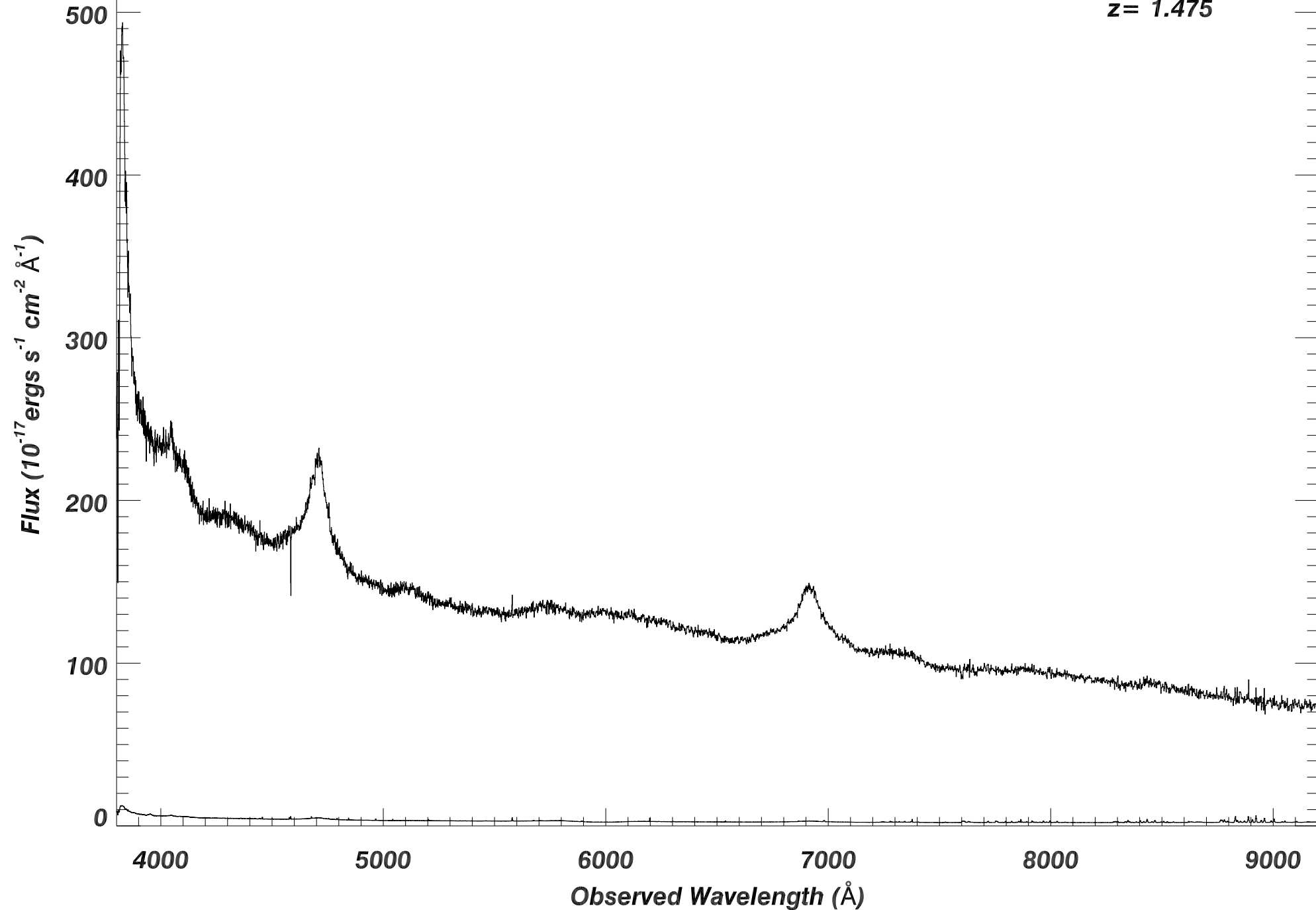
2000

2500

3000

3500

$z = 1.475$



SDSS_J1123+0137_MJD52636

Rest Wavelength (\AA)

1550

1600

1650

1700

1750

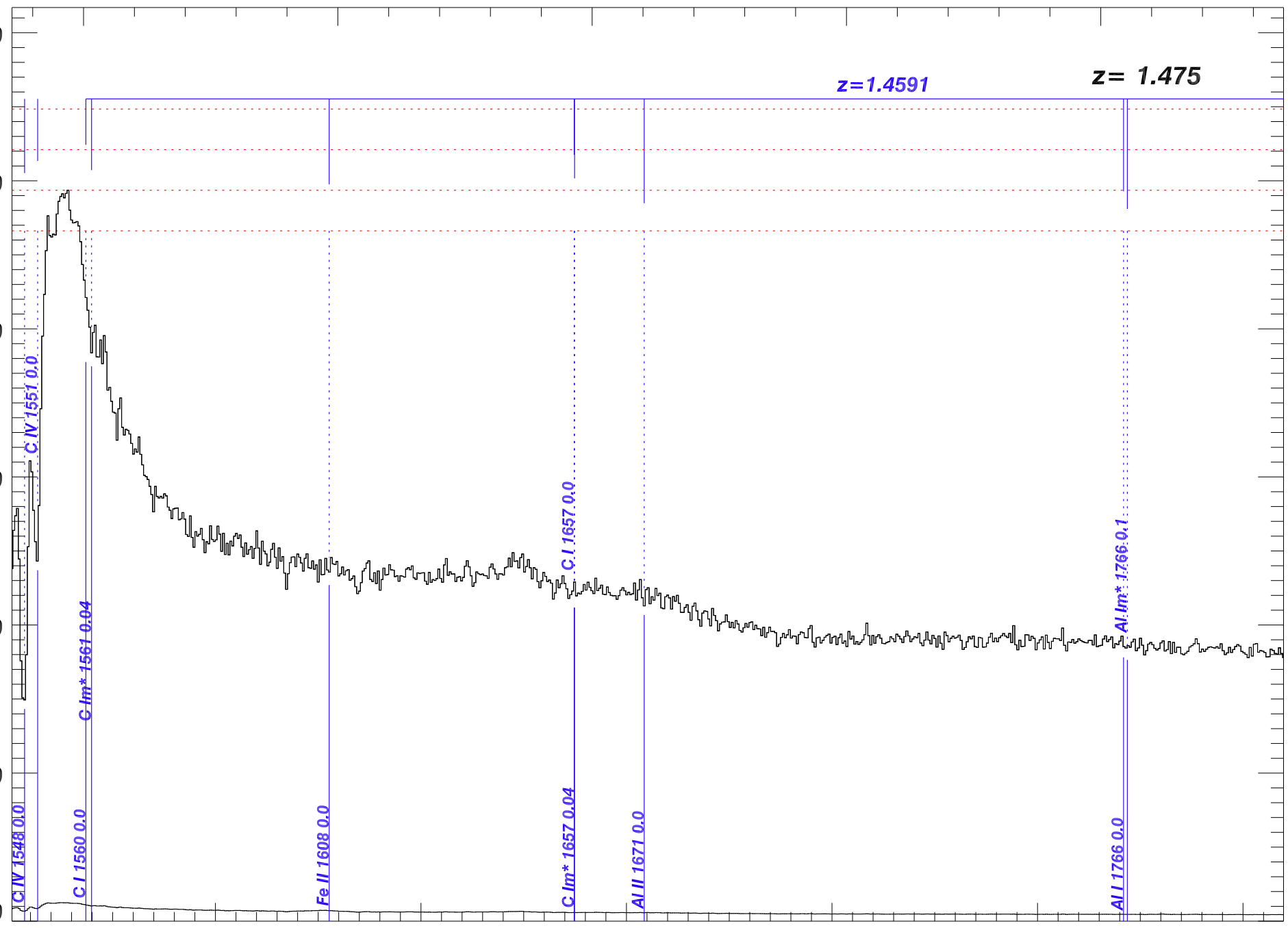
600
500
400
300
200
100
0

$z=1.4591$

$z=1.475$

-2
-1
0
1

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



3900

4000

4100

4200

4300

4400

Observed Wavelength (\AA)

SDSS_J1123+0137_MJD52636

Rest Wavelength (\AA)

1800

1850

1900

1950

2000

$z=1.4591$

$z= 1.475$

-2
-1
0
1

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

250
200
150
100
50
0

Al III 1855 0.0

Al III 1863 0.0

Al I 1932 0.0

Al Im* 1936 0.1

4400

4500

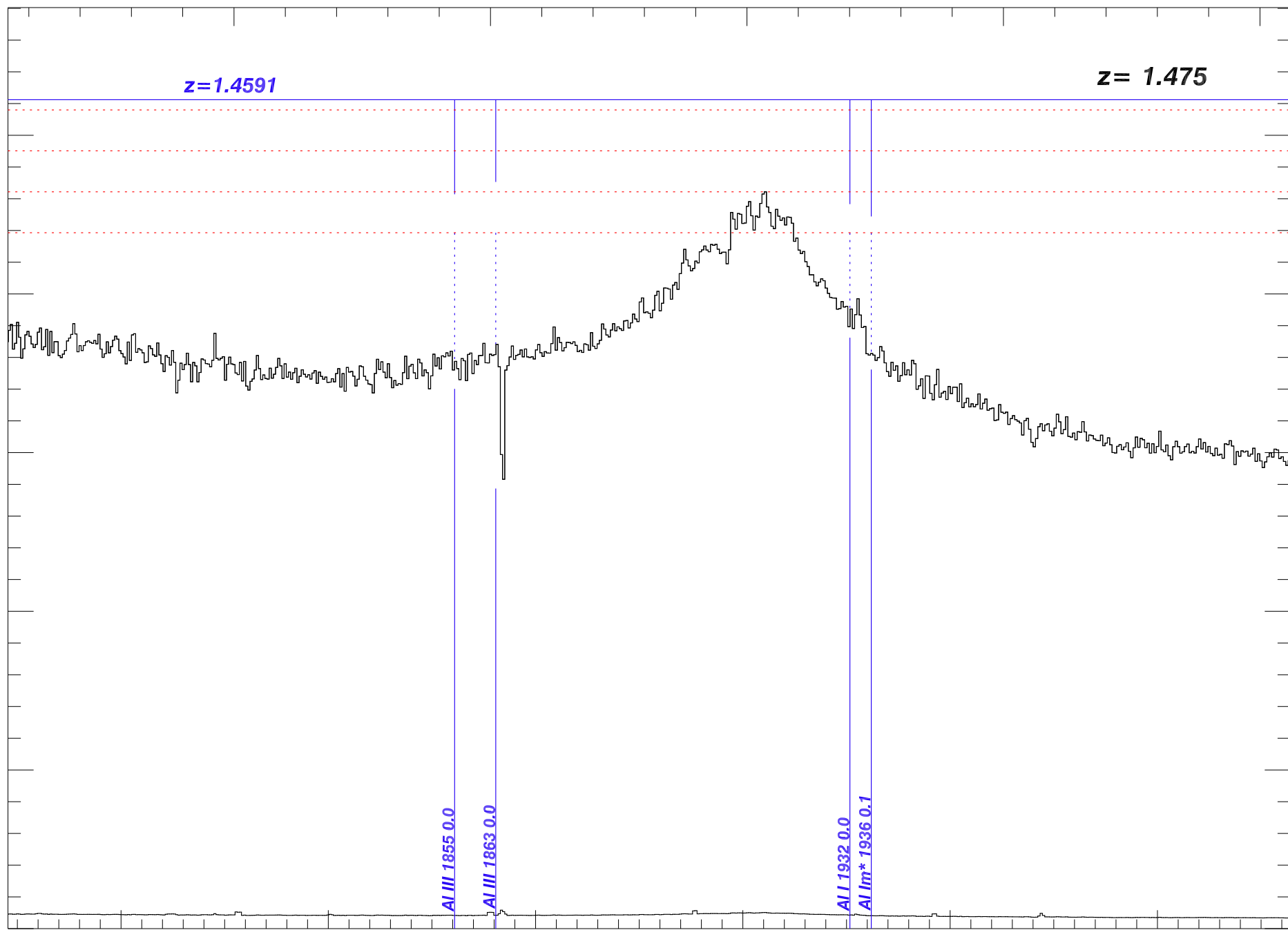
4600

4700

4800

4900

Observed Wavelength (\AA)



SDSS_J1123+0137_MJD52636

Rest Wavelength (\AA)

2000

2050

2100

2150

2200

$z = 1.475$

-2

-1

0

1

150

100

50

0

4900

5000

5100

5200

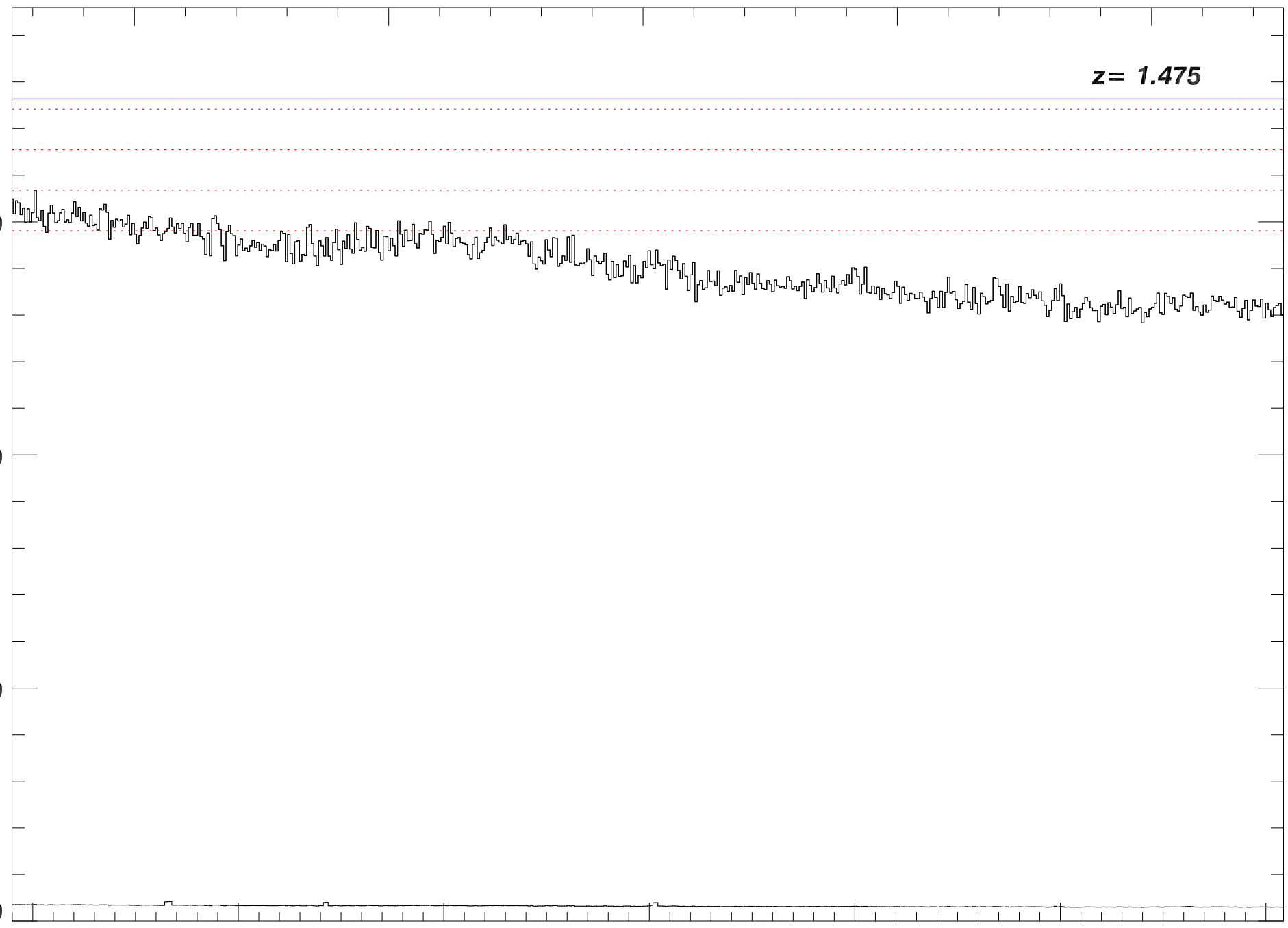
5300

5400

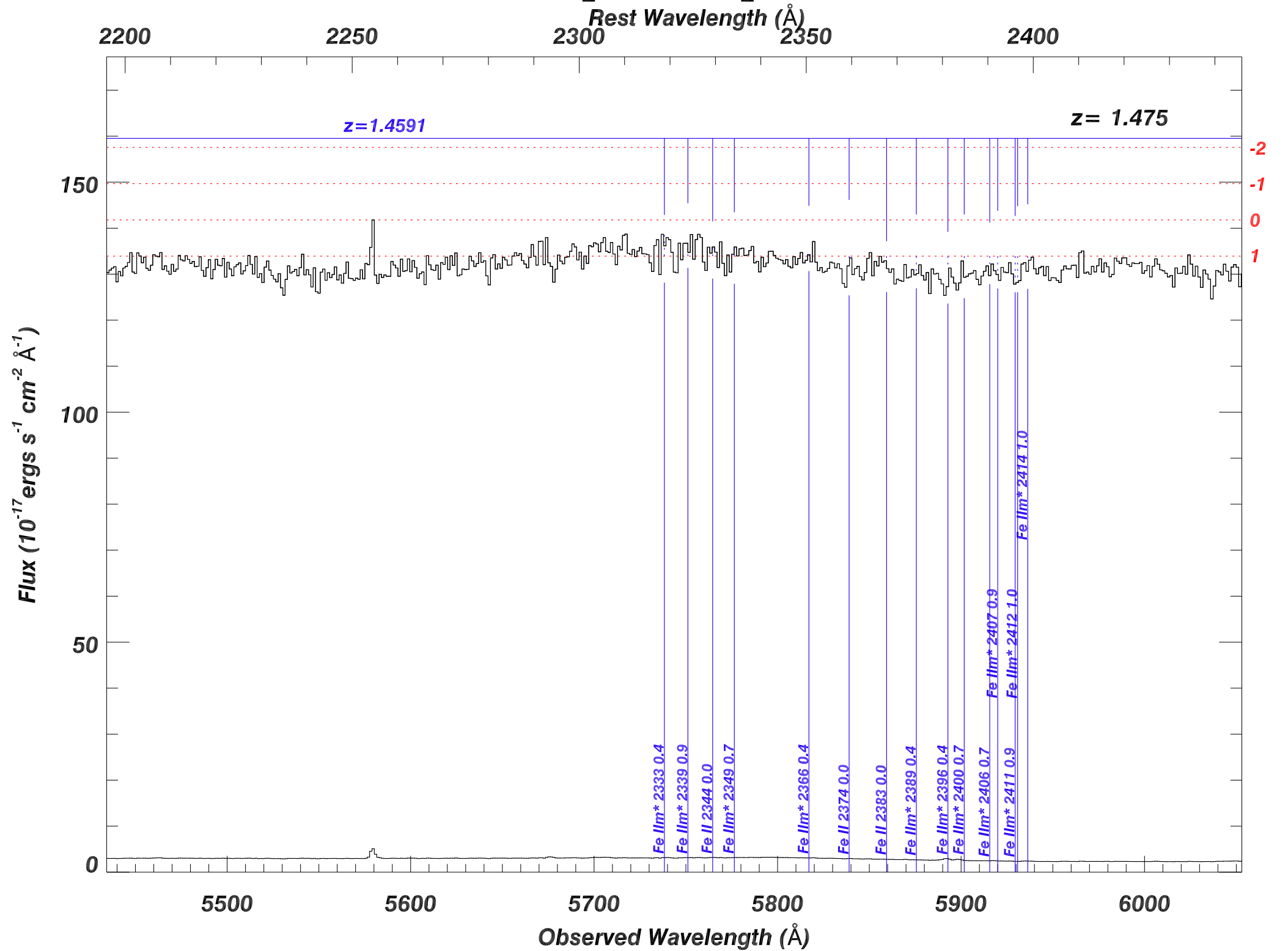
5500

Observed Wavelength (\AA)

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



SDSS_J1123+0137_MJD52636



SDSS_J1123+0137_MJD52636

Rest Wavelength (\AA)

2450

2500

2550

2600

2650

$z=1.4591$

$z=1.475$

150

100

50

0

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

2450

2500

2550

2600

2650

2700

2750

2800

2850

2900

2950

3000

3050

3100

3150

3200

3250

3300

3350

6000

6100

6200

6300

6400

6500

Observed Wavelength (\AA)

Fe I 2484 0.0

Fe I 2524 0.0

Mn II 2577 0.0

Fe II 2587 0.0

Mn II 2594 0.0

Fe II λ * 2599 0.4

Fe II 2600 0.0

Mn II 2606 0.0

Fe II λ * 2608 0.7

Fe II λ * 2613 0.4

Fe II λ * 2615 0.9

Fe II λ * 2626 0.4

Fe II λ * 2632 0.7

Fe II λ * 2629 1.0

SDSS_J1123+0137_MJD52636

Rest Wavelength (\AA)

2650

2700

2750

2800

2850

$z=1.4591$

$z=1.475$

150

100

50

0

-2

-1

0

1

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

6600

6700

6800

6900

7000

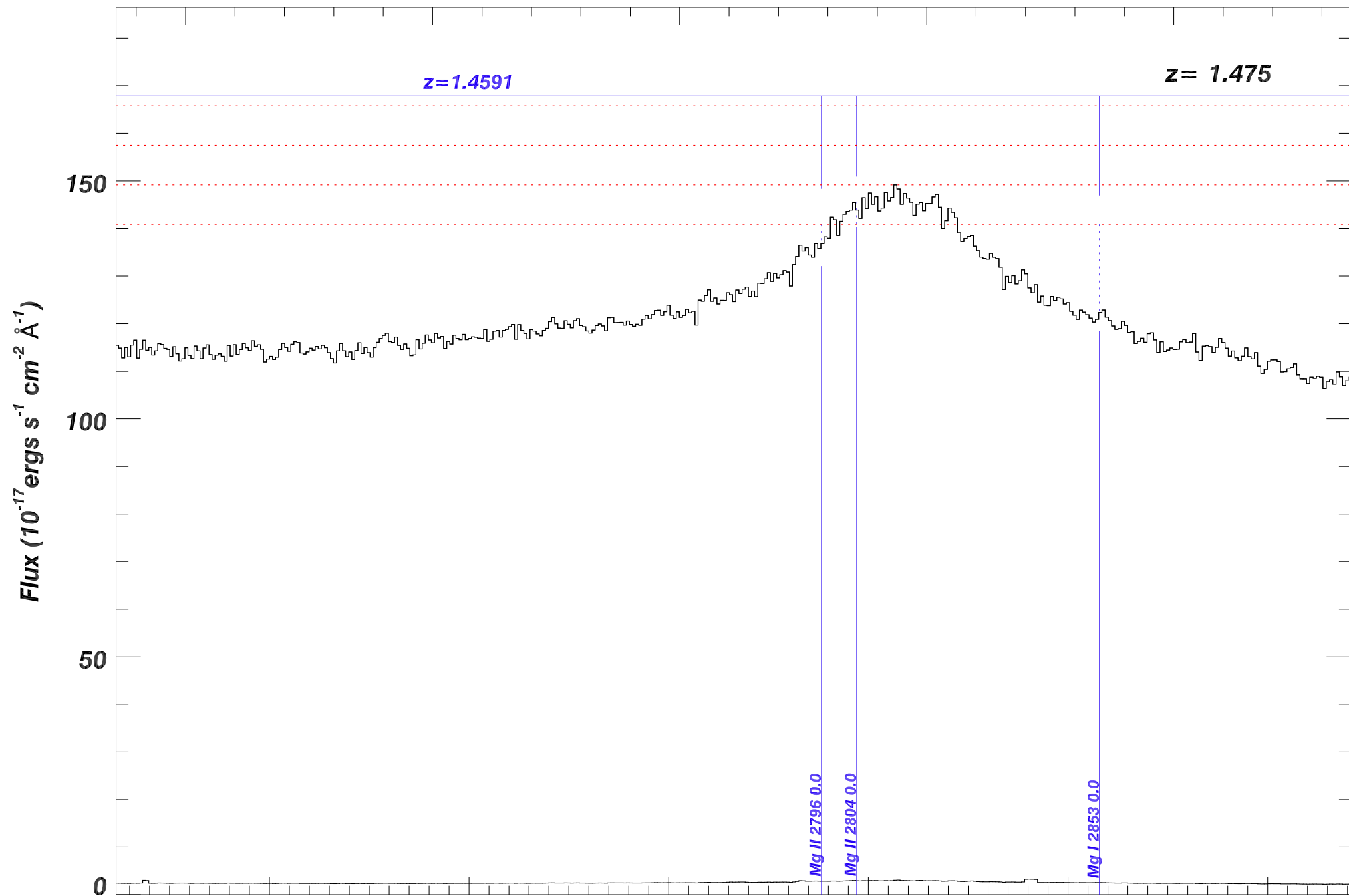
7100

Observed Wavelength (\AA)

Mg II 2796 0.0

Mg II 2804 0.0

Mg I 2853 0.0



SDSS_J1123+0137_MJD52636

Rest Wavelength (\AA)

2900

2950

3000

3050

3100

140

120

100

80

60

40

20

0

$z=1.4591$

$z=1.475$

-2

-1

0

1

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

He I m* 2946 159.9

7100

7200

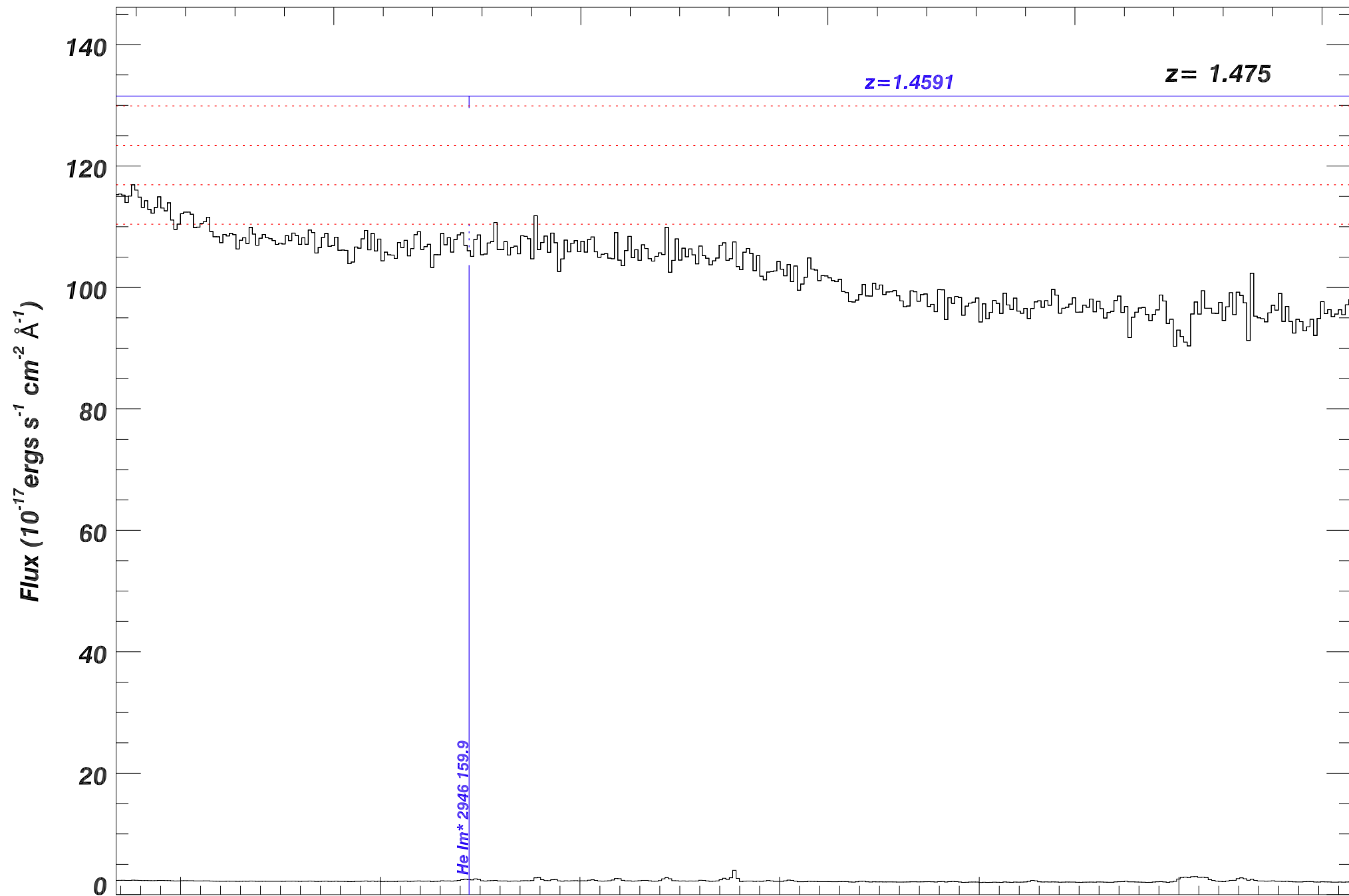
7300

7400

7500

7600

Observed Wavelength (\AA)



SDSS_J1123+0137_MJD52636

Rest Wavelength (\AA)

3100

3200

3300

3400

120

$z = 1.4591$

$z = 1.475$

-2

-1

0

1

100

80

60

40

20

0

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

7800

8000

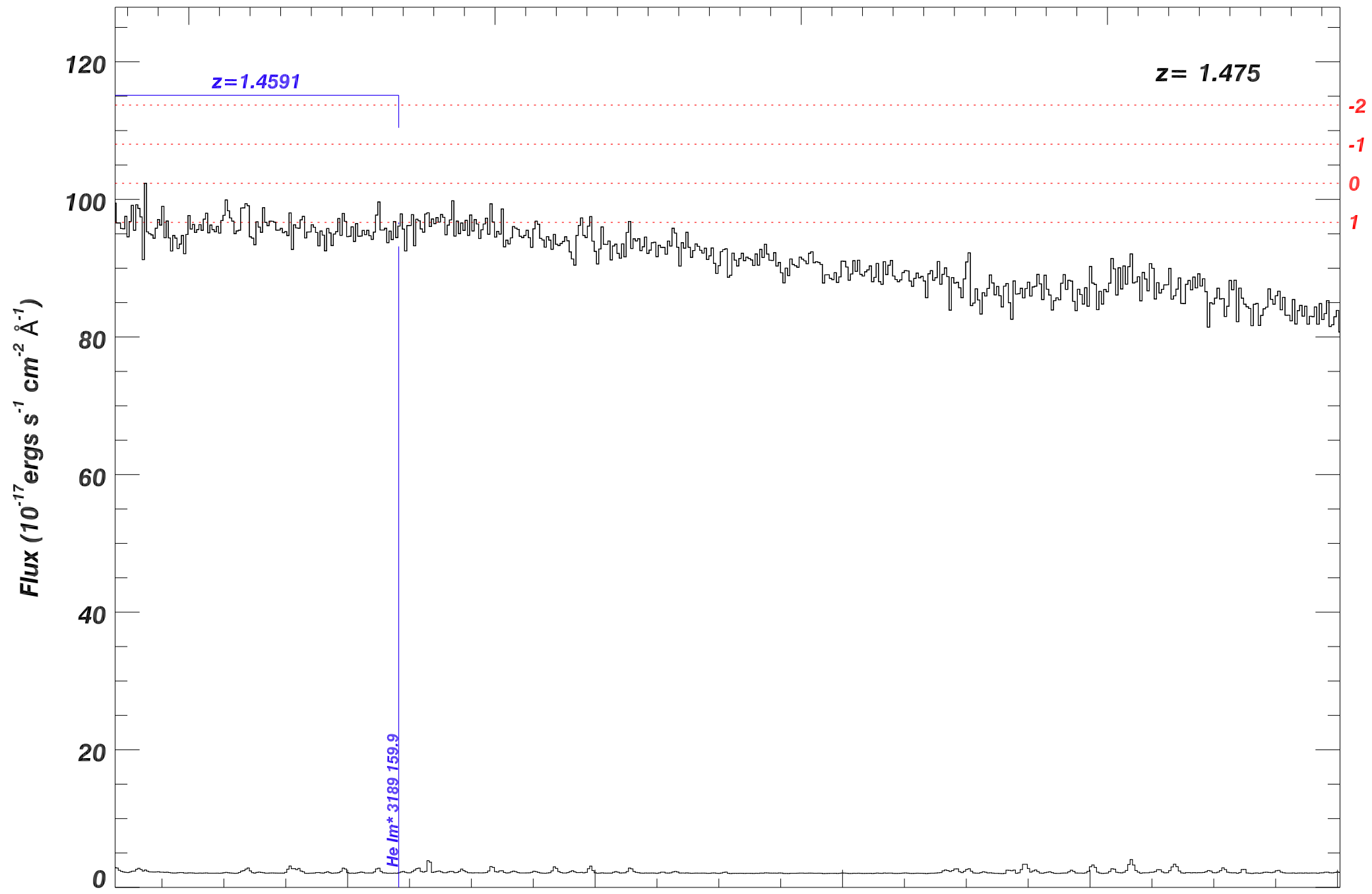
8200

8400

8600

Observed Wavelength (\AA)

He I λ 3189.159.9



SDSS_J1123+0137_MJD52636

Rest Wavelength (Å)

3500

3600

3700

3800

z = 1.475

100

80

60

40

20

0

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

8600

8800

9000

9200

9400

Observed Wavelength (Å)

