

SDSS_J1704+2429_MJD53260

Rest Wavelength (Å)

1500

2000

2500

3000

z = 1.788

Flux (10^{-17} ergs s^{-1} cm^{-2} Å $^{-1}$)

120
100
80
60
40
20
0

4000

5000

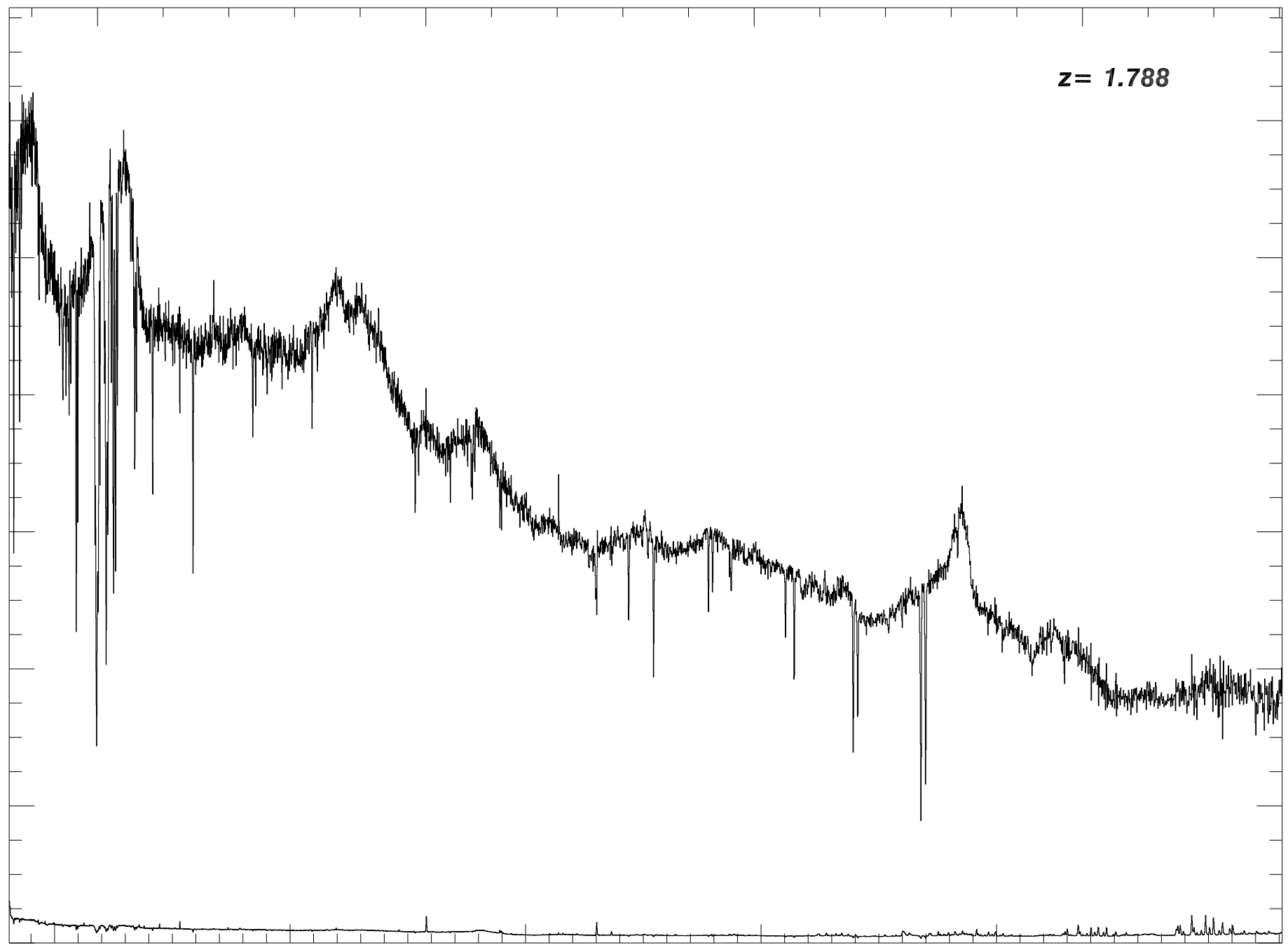
6000

7000

8000

9000

Observed Wavelength (Å)



SDSS_J1704+2429_MJD53260

Rest Wavelength (\AA)

1400

1450

1500

1550

1600

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

140

120

100

80

60

40

20

0

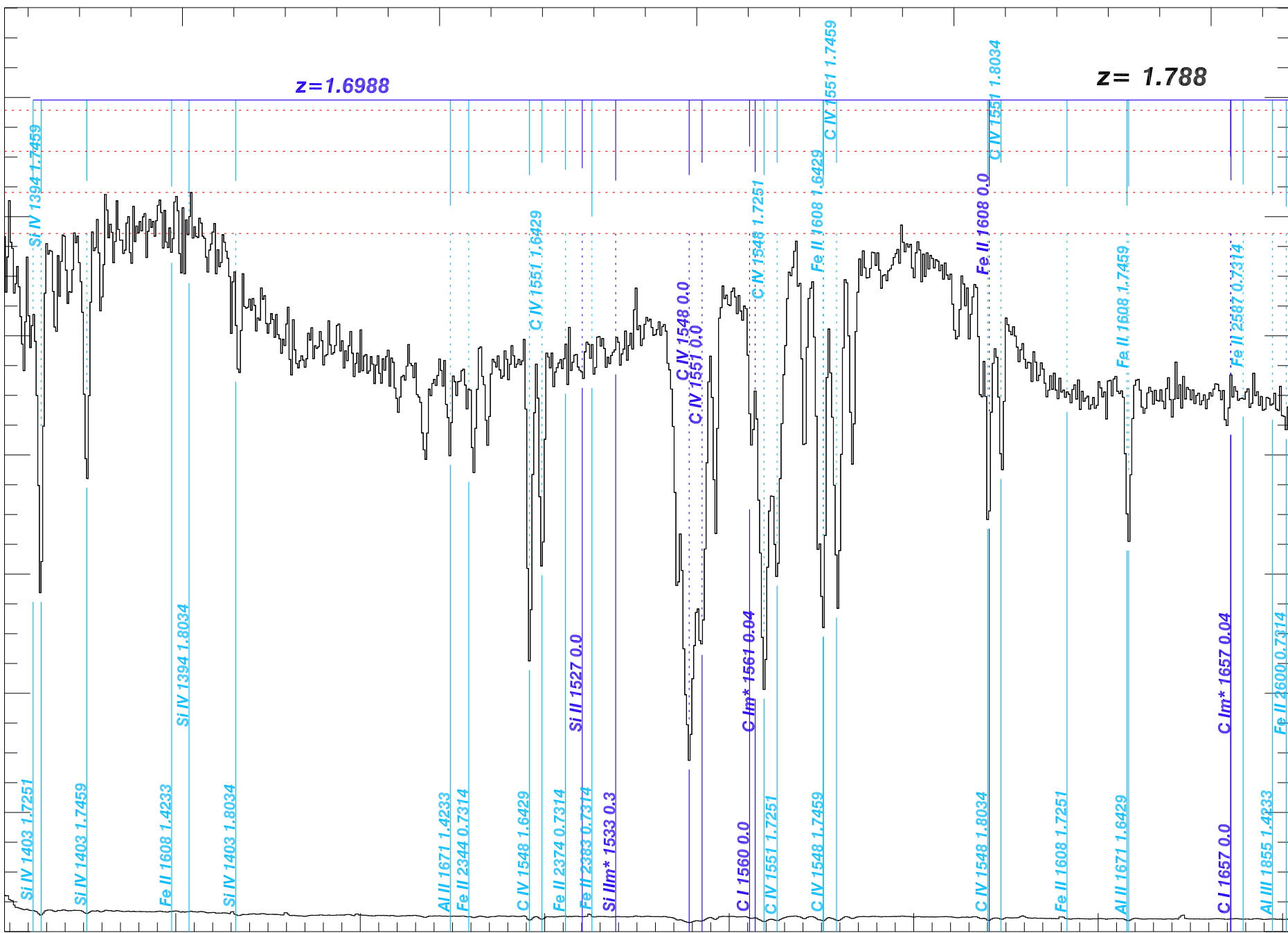
 $z=1.6988$ $z=1.788$

-2

-1

0

1



3900

4000

4100

4200

4300

4400

4500

Observed Wavelength (\AA)

SDSS_J1704+2429_MJD53260

Rest Wavelength (\AA)

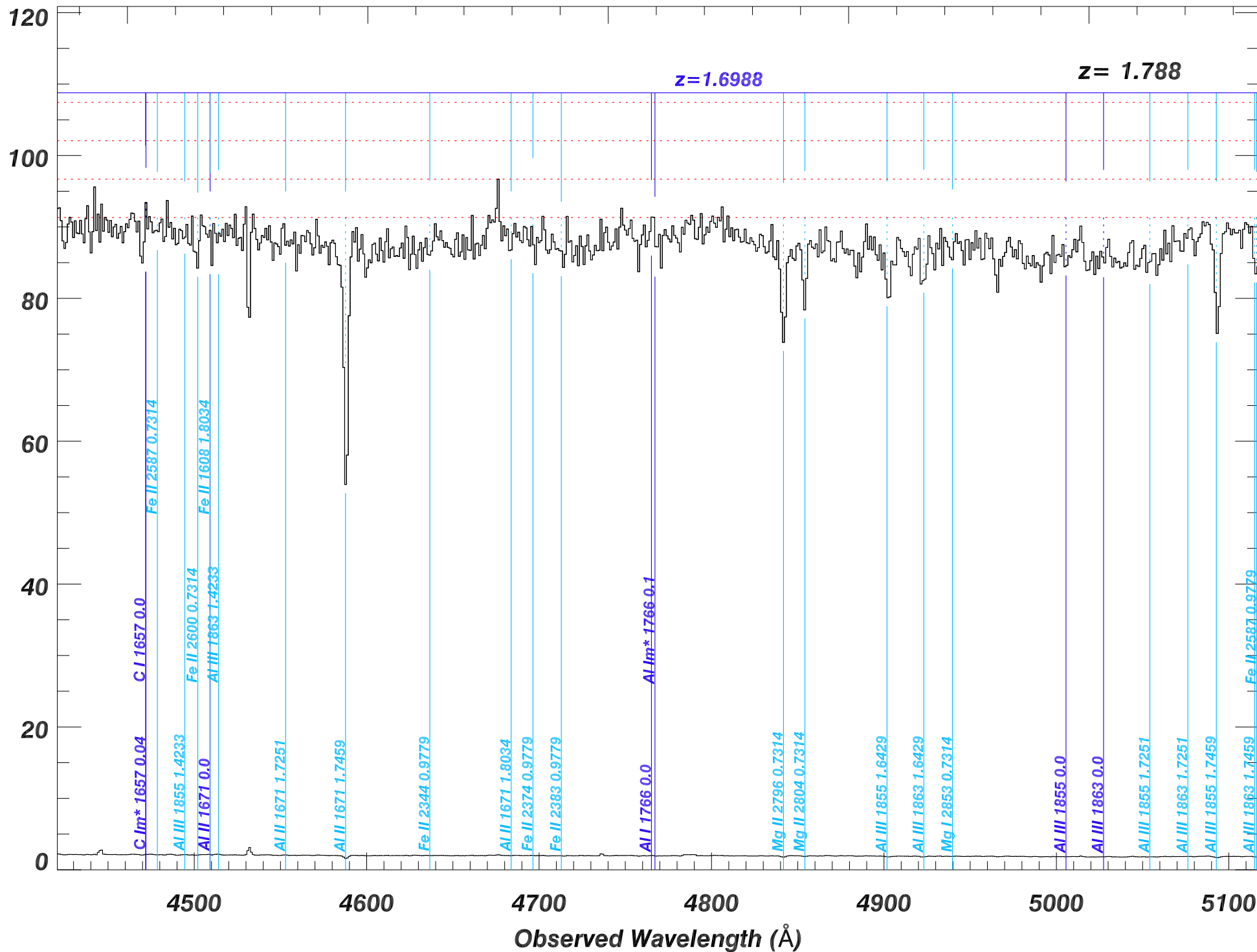
1600

1650

1700

1750

1800



SDSS_J1704+2429_MJD53260

Rest Wavelength (\AA)

1850

1900

1950

2000

2050

$z = 1.6988$

$z = 1.788$

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

120

100

80

60

40

20

0

-2

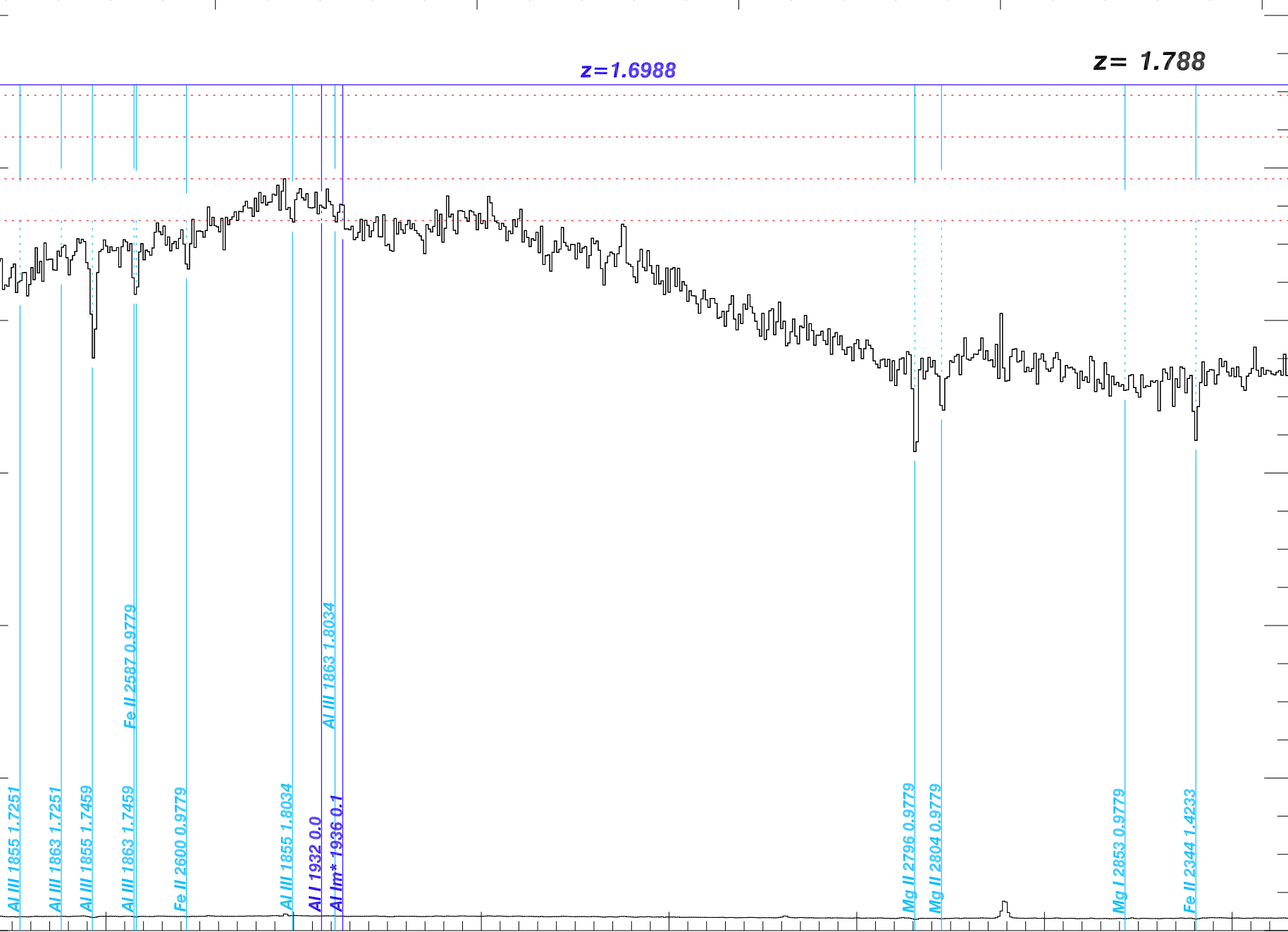
-1

0

1

5100 5200 5300 5400 5500 5600 5700

Observed Wavelength (\AA)



SDSS_J1704+2429_MJD53260

Rest Wavelength (\AA)

2050

2100

2150

2200

2250

$z=1.6988$

$z=1.788$

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

80

60

40

20

0

-2

-1

0

1

5700

5800

5900

6000

6100

6200

6300

Observed Wavelength (\AA)

Fe II 2344 1.4233

Fe II 2374 1.4233

Fe II 2383 1.4233

Fe II 2344 1.6429

Fe II 2587 1.4233

Fe II 2374 1.6429

Fe II 2383 1.6429

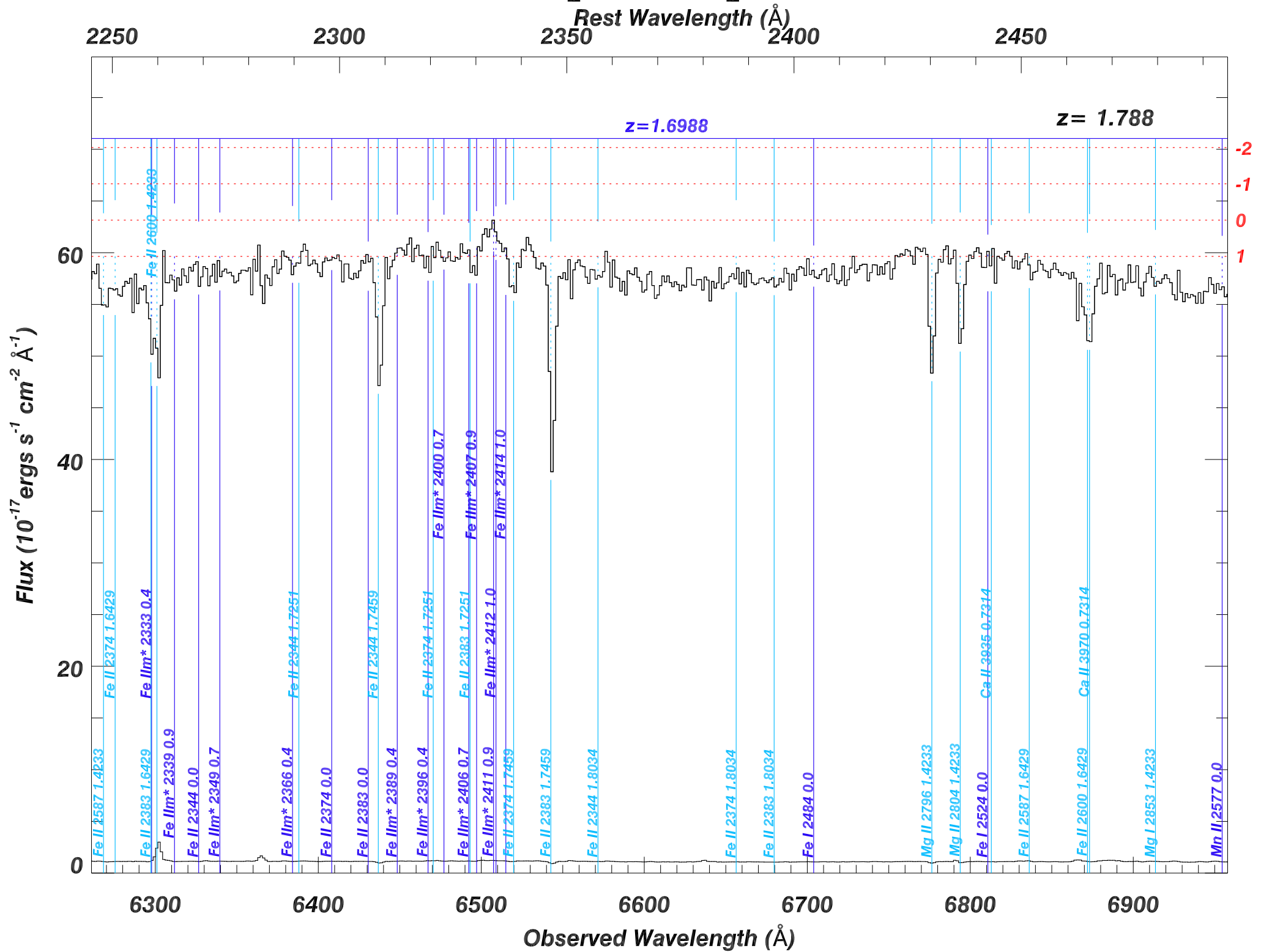
Fe II* 2333 0.4

Fe II* 2339 0.9

Fe II 2344 0.0

Fe II* 2349 0.7

SDSS_J1704+2429_MJD53260



SDSS_J1704+2429_MJD53260

Rest Wavelength (\AA)

2500

2550

2600

2650

2700

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

60

40

20

0

6900

7000

7100

7200

7300

7400

7500

Observed Wavelength (\AA)

$z = 1.788$
 ~~$z = 1.6986$~~

Mg I 2853 1.4233

Mn II 2577 0.0

Fe II 2587 0.0

Mn II 2594 0.0

Fe II λ * 2599 0.4

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 2600 1.7251

Fe II λ * 2626 0.4

Fe II 2587 1.7459

Fe II 2600 1.7459

Fe II 2587 1.8034

Fe II 2600 1.8034

Mg II 2796 1.6429

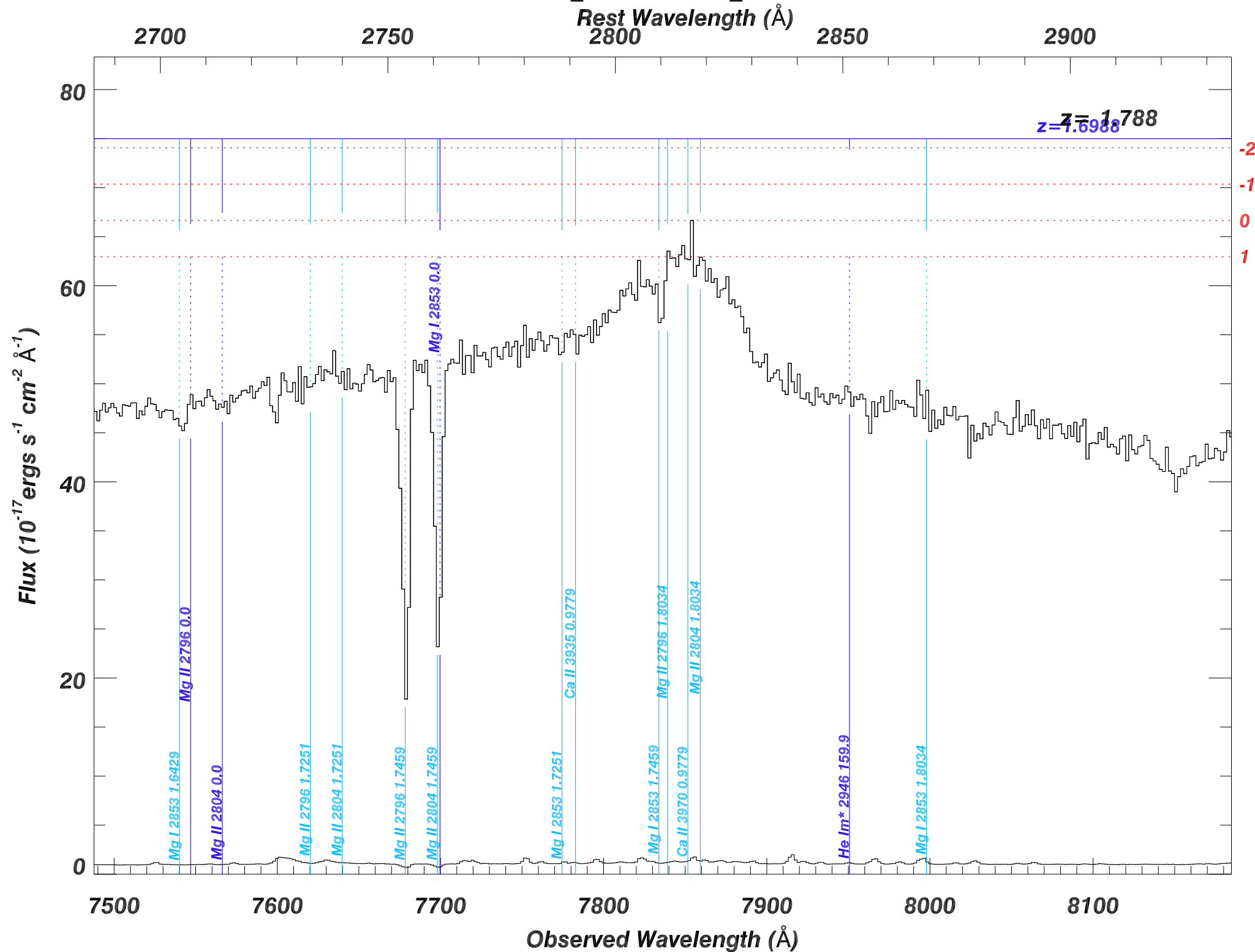
Mg I 2804 1.6429

Mg I 2853 1.6429

Mg II 2804 0.0

-2
-1
0
1

SDSS_J1704+2429_MJD53260



SDSS_J1704+2429_MJD53260

Rest Wavelength (\AA)

2950

3000

3050

3100

3150

$z=1.6988$

$z=1.788$

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

50

40

30

20

10

0

-2

-1

0

1

He I m* 3189.159.9

8200

8300

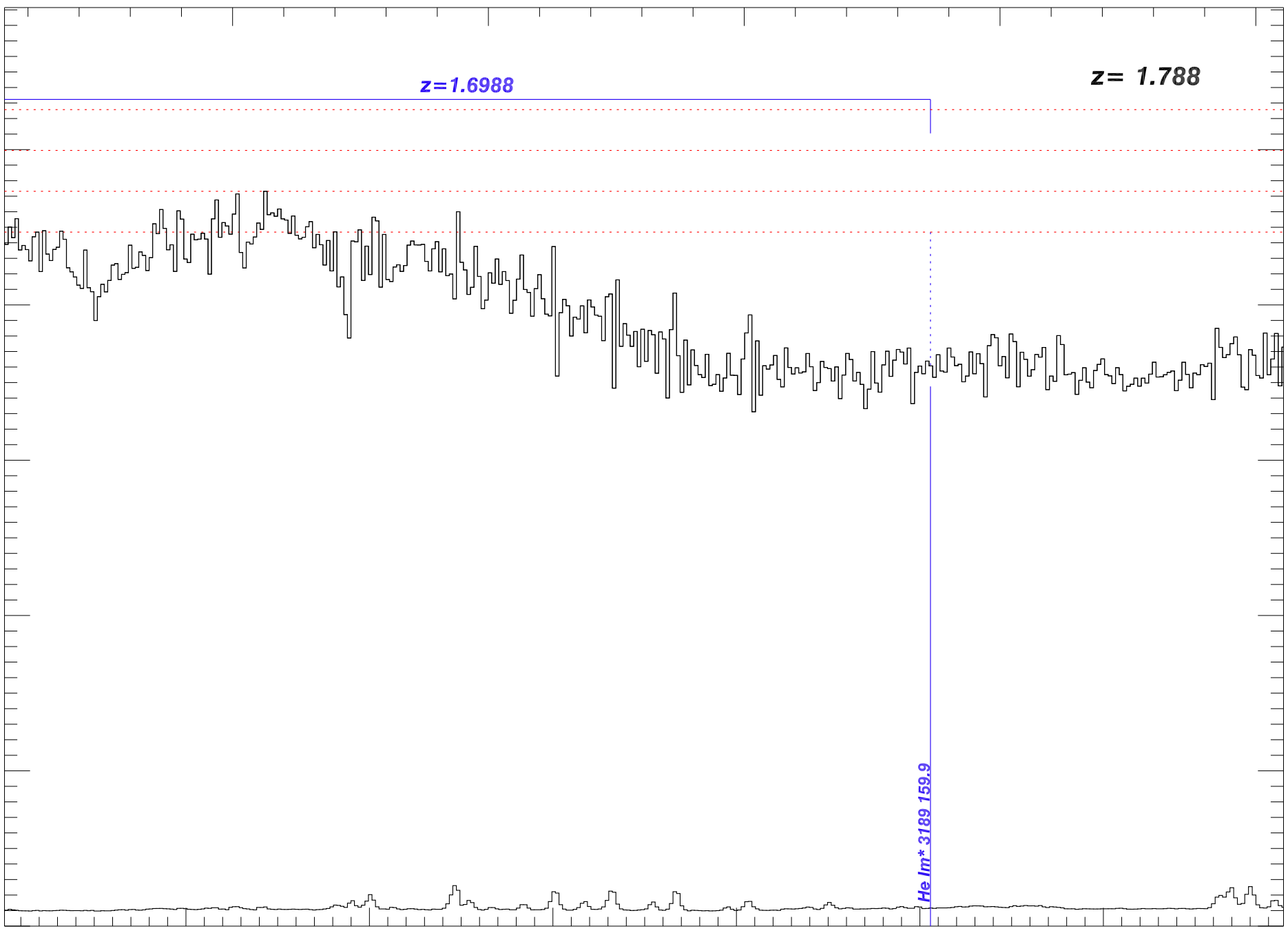
8400

8500

8600

8700

Observed Wavelength (\AA)



SDSS_J1704+2429_MJD53260

Rest Wavelength (\AA)

3200

3300

3400

3500

$z = 1.788$

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

50

40

30

20

10

0

-2

-1

0

1

8800

9000

9200

9400

9600

9800

Observed Wavelength (\AA)

