

SDSS_J1119+2325_MJD56304

Rest Wavelength (\AA)

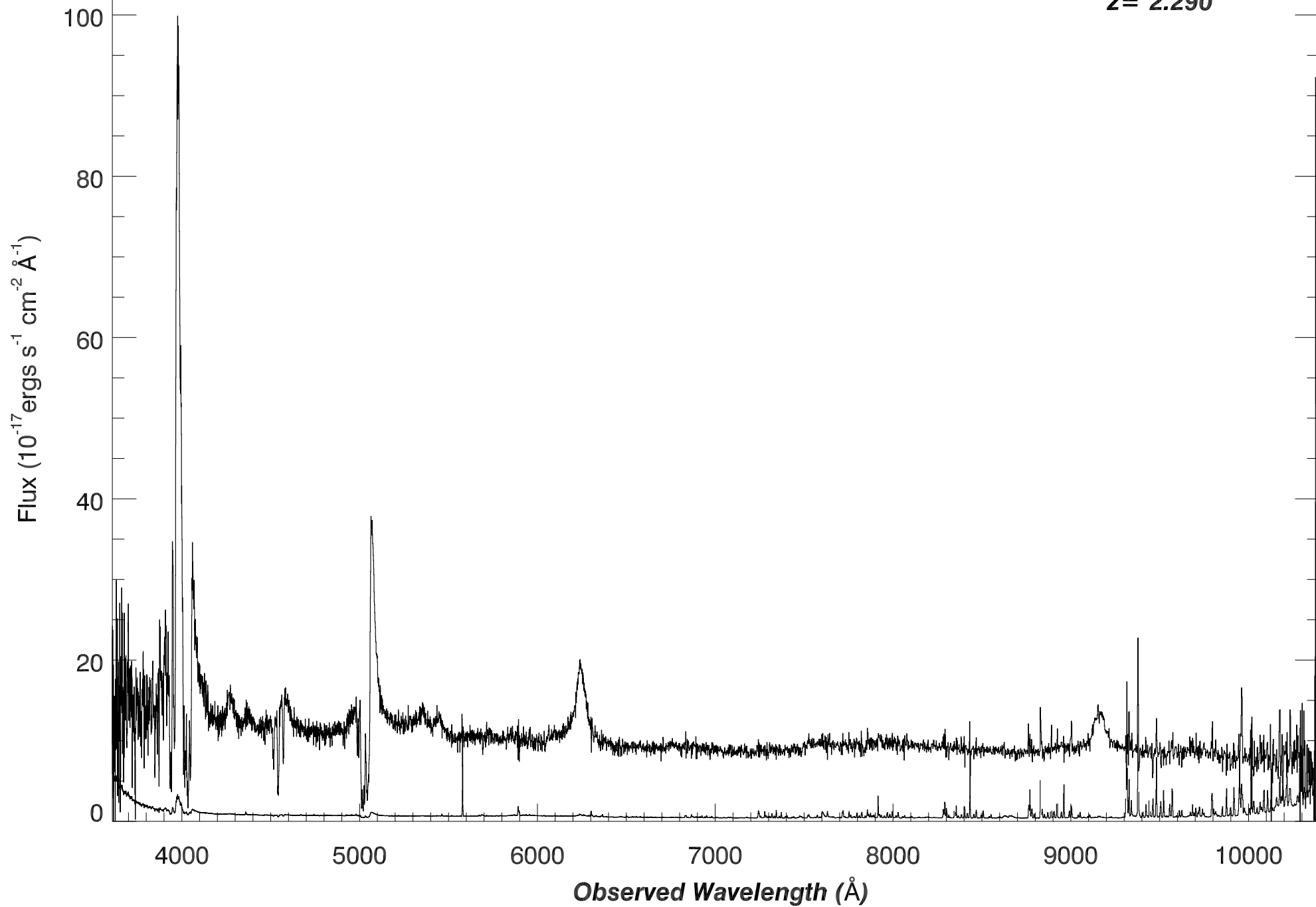
1500

2000

2500

3000

$z = 2.290$



SDSS_J1119+2325_MJD56304

Rest Wavelength (Å)

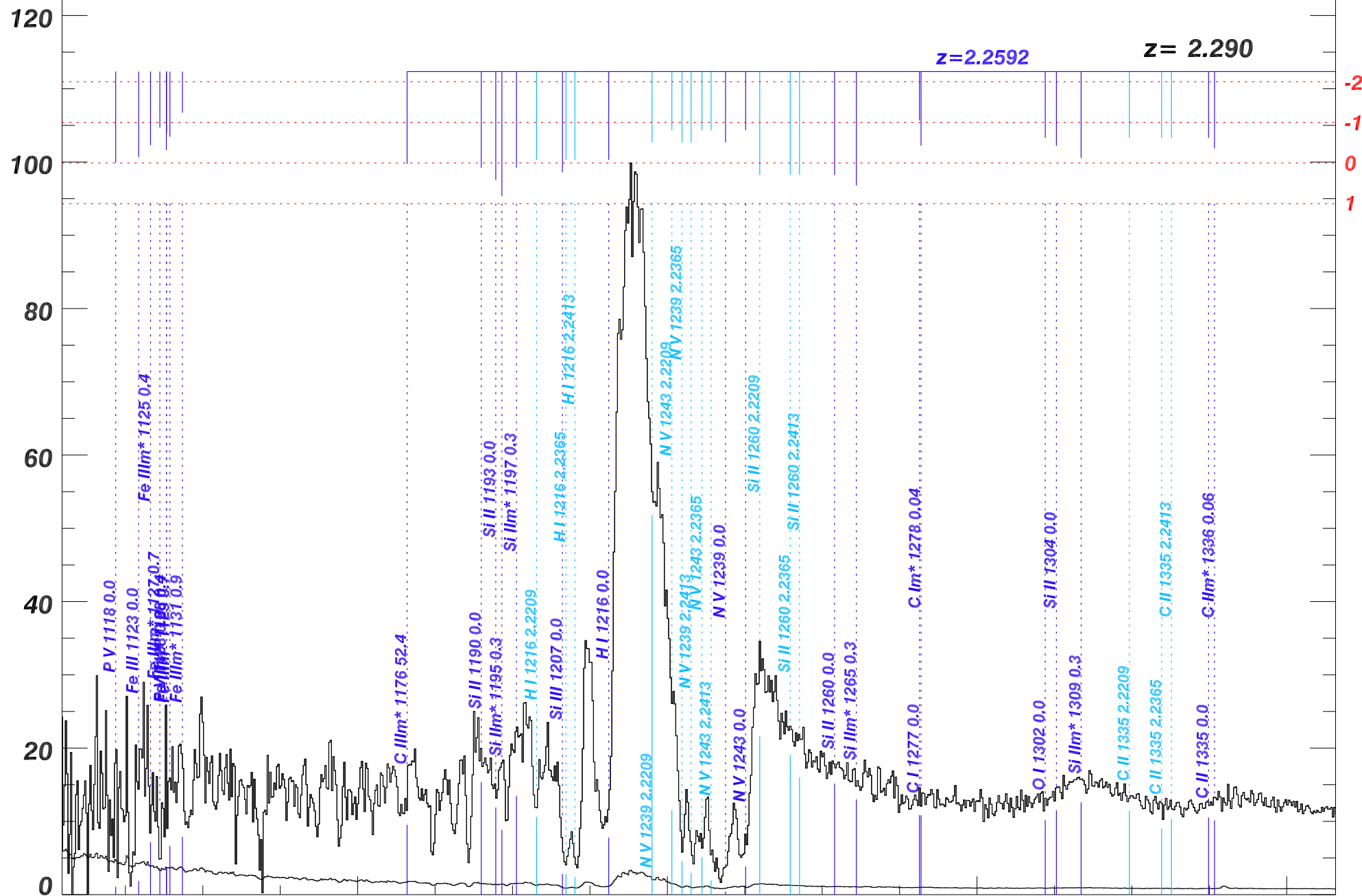
1100

1150

1200

1250

1300



3800

4000

4200

4400

Observed Wavelength (Å)

SDSS_J1119+2325_MJD56304

Rest Wavelength (Å)

1350

1400

1450

1500

1550

$z=2.2592$

$z= 2.290$

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

40

30

20

10

0

-2
-1
0
1

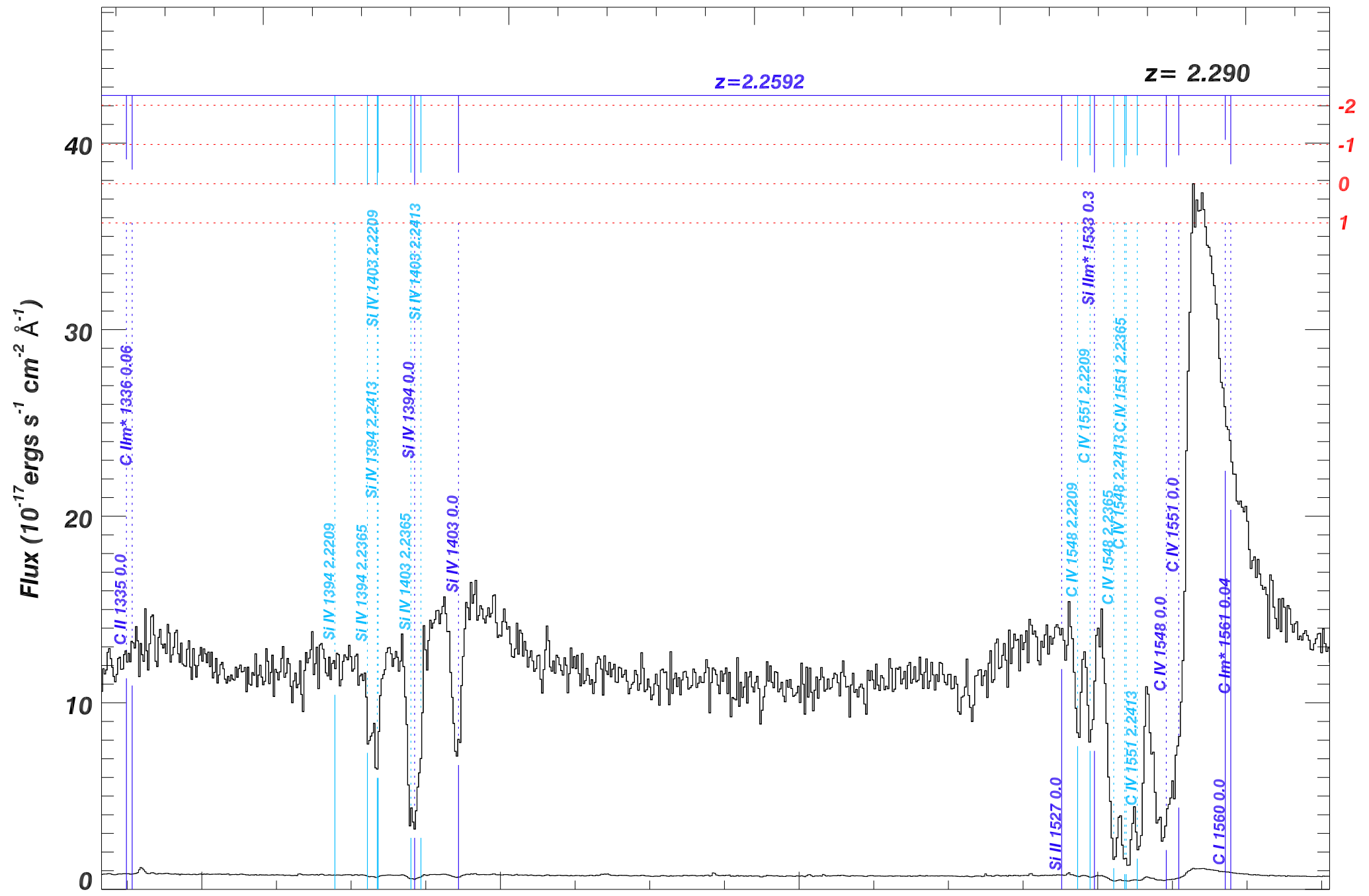
4400

4600

4800

5000

Observed Wavelength (Å)



SDSS_J1119+2325_MJD56304

Rest Wavelength (\AA)

1550

1600

1650

1700

1750

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

40

30

20

10

0

$z=2.2592$

$z=2.290$

-2

-1

0

1

C I 1560 0.0

C I 1561 0.04

Fe II 1608 2.2209

Fe II 1608 2.2365

Fe II 1608 2.2413

Fe II 1608 0.0

Al II 1671 2.2209

C I 1657 0.0

Al II 1671 2.2365

Al II 1671 2.2413

C I 1657 0.04

Al II 1671 2.2413

Al II 1671 2.2365

Al II 1671 0.0

Al I 1766 0.0

Al I 1766 0.1

5200

5400

5600

5800

Observed Wavelength (\AA)

SDSS_J1119+2325_MJD56304

Rest Wavelength (\AA)

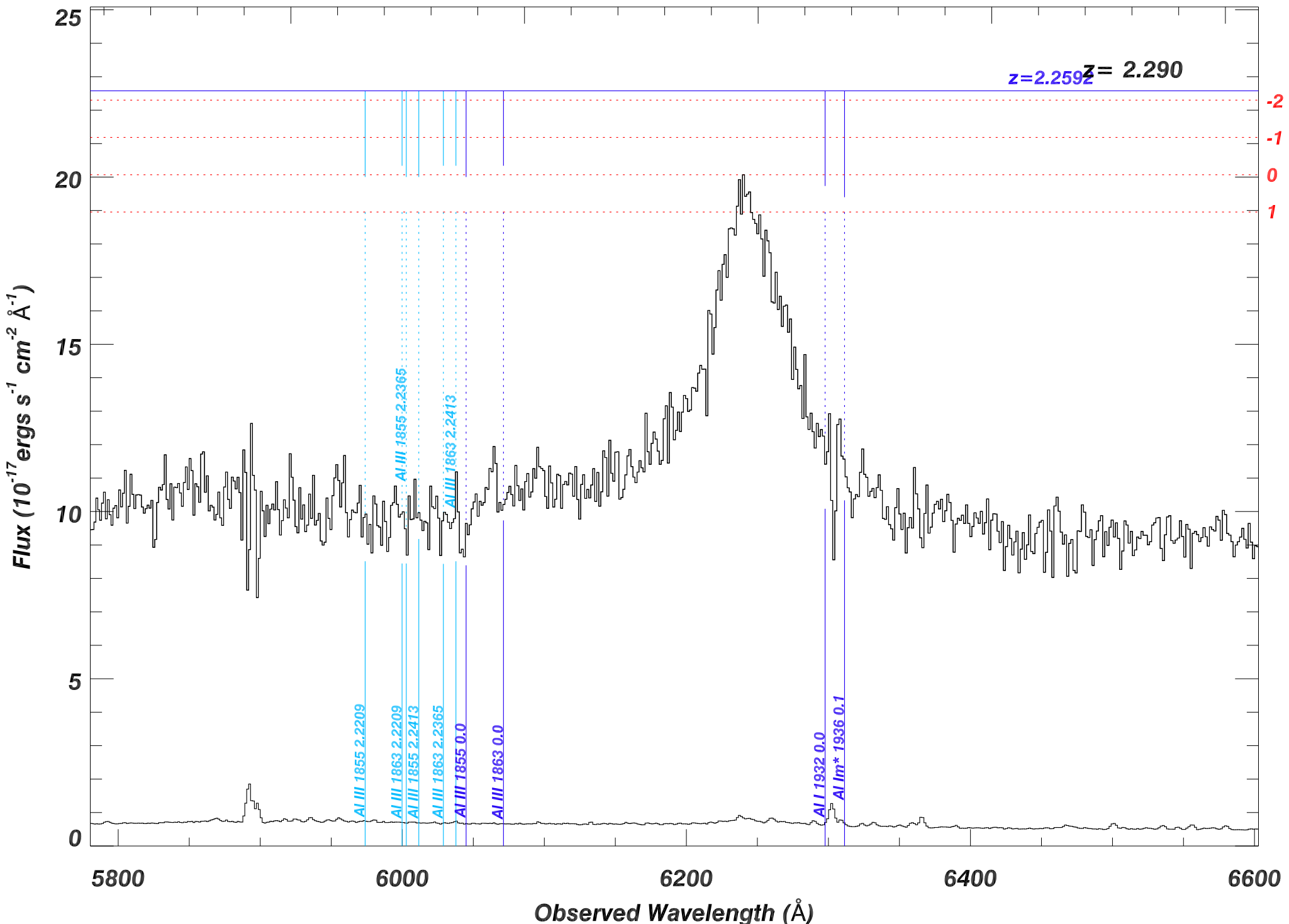
1800

1850

1900

1950

2000



$z=2.259$ $z=2.290$

-2
-1
0
1

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

5800

6000

6200

6400

6600

Observed Wavelength (\AA)

SDSS_J1119+2325_MJD56304

Rest Wavelength (\AA)

2000

2050

2100

2150

2200

$z = 2.290$

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

12

10

8

6

4

2

0

-2

-1

0

1

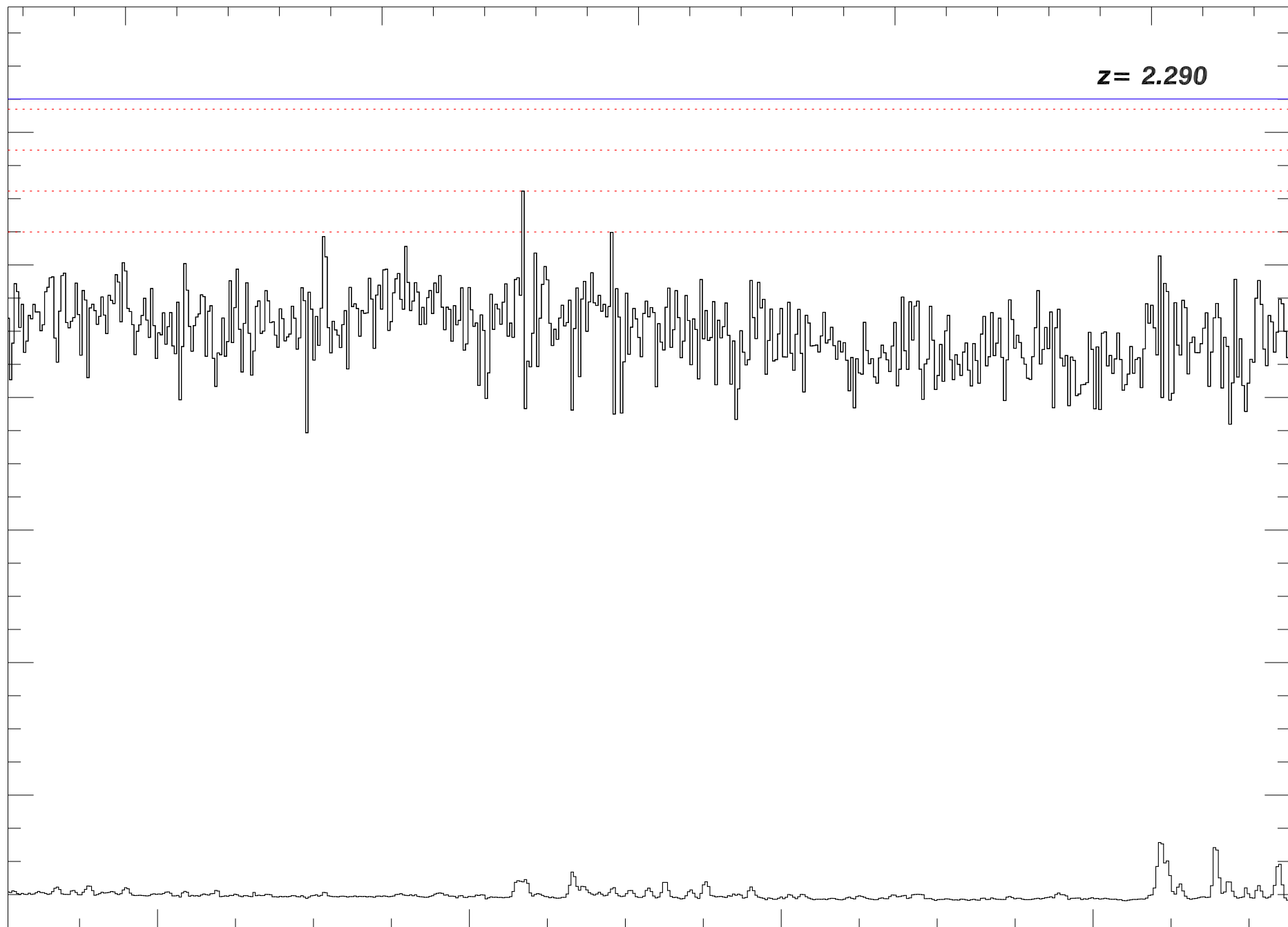
6600

6800

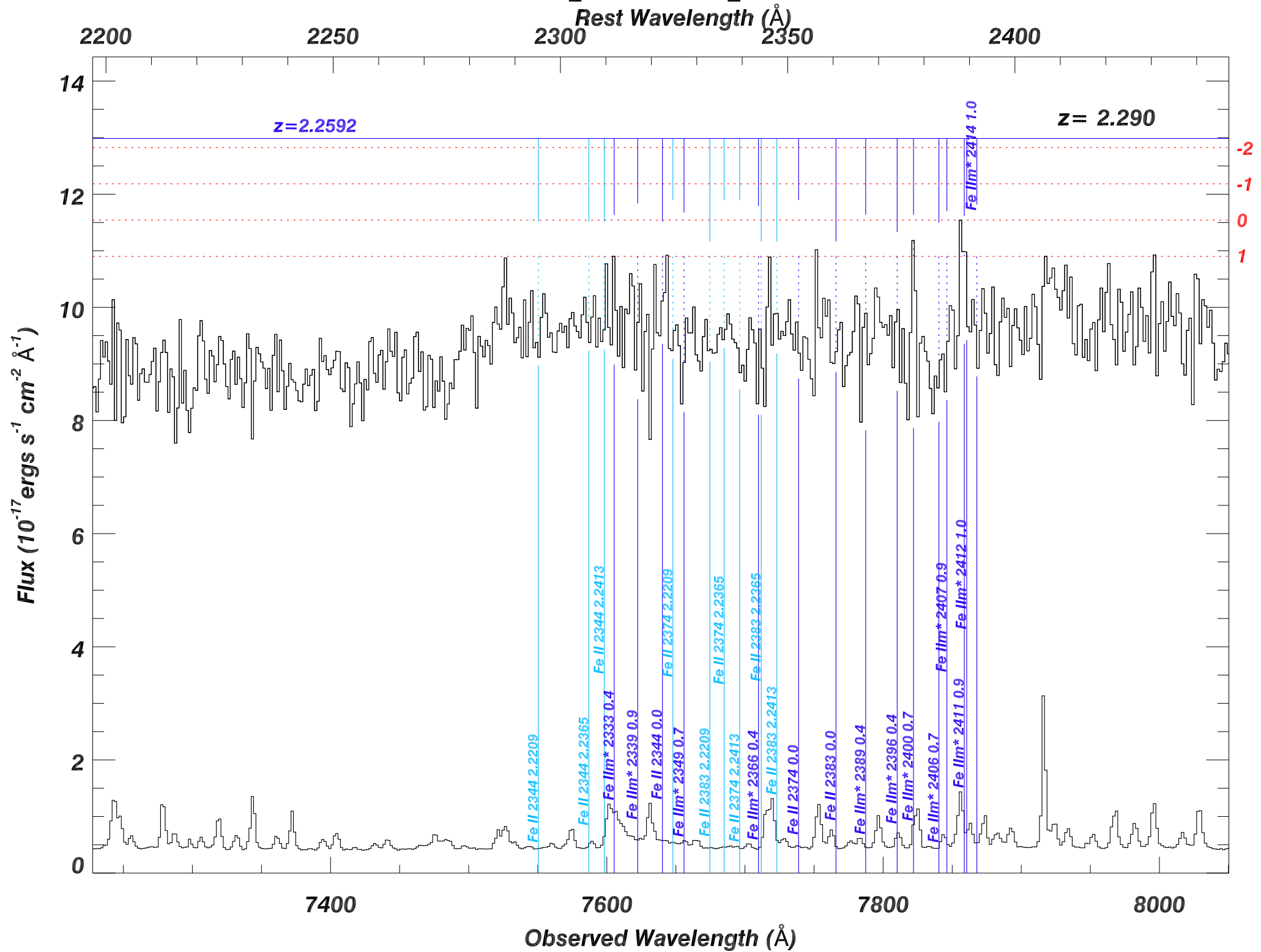
7000

7200

Observed Wavelength (\AA)



SDSS_J1119+2325_MJD56304



SDSS_J1119+2325_MJD56304

Rest Wavelength (\AA)

2450

2500

2550

2600

2650

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

14

12

10

8

6

4

2

0

-2

-1

0

1

$z = 2.290$
 ~~$z = 2.252$~~

8000

8200

8400

8600

Observed Wavelength (\AA)

Fe I 2484 0.0

Fe I 2524 0.0

Fe II 2587 2.2209

Fe II 2587 2.2365

Fe II 2587 2.2413

Mn II 2577 0.0

Fe II 2600 2.2365

Fe II 2600 2.2413

Fe II 2587 0.0

Mn II 2594 0.0

Fe II 2599 0.4

Fe II 2600 0.0

Fe II 2608 0.7

Fe II 2613 0.4

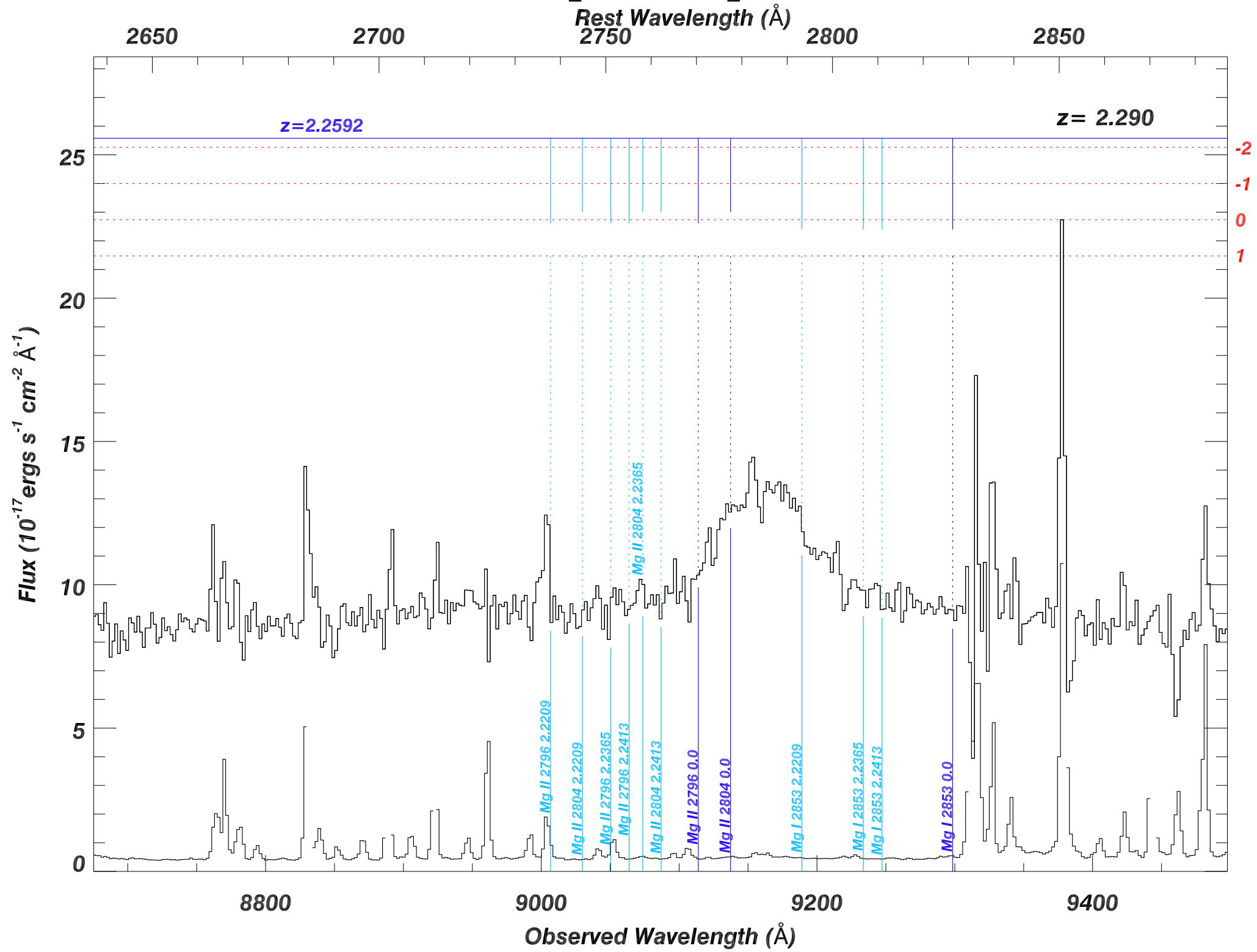
Fe II 2615 0.9

Fe II 2626 0.4

Fe II 2632 0.7

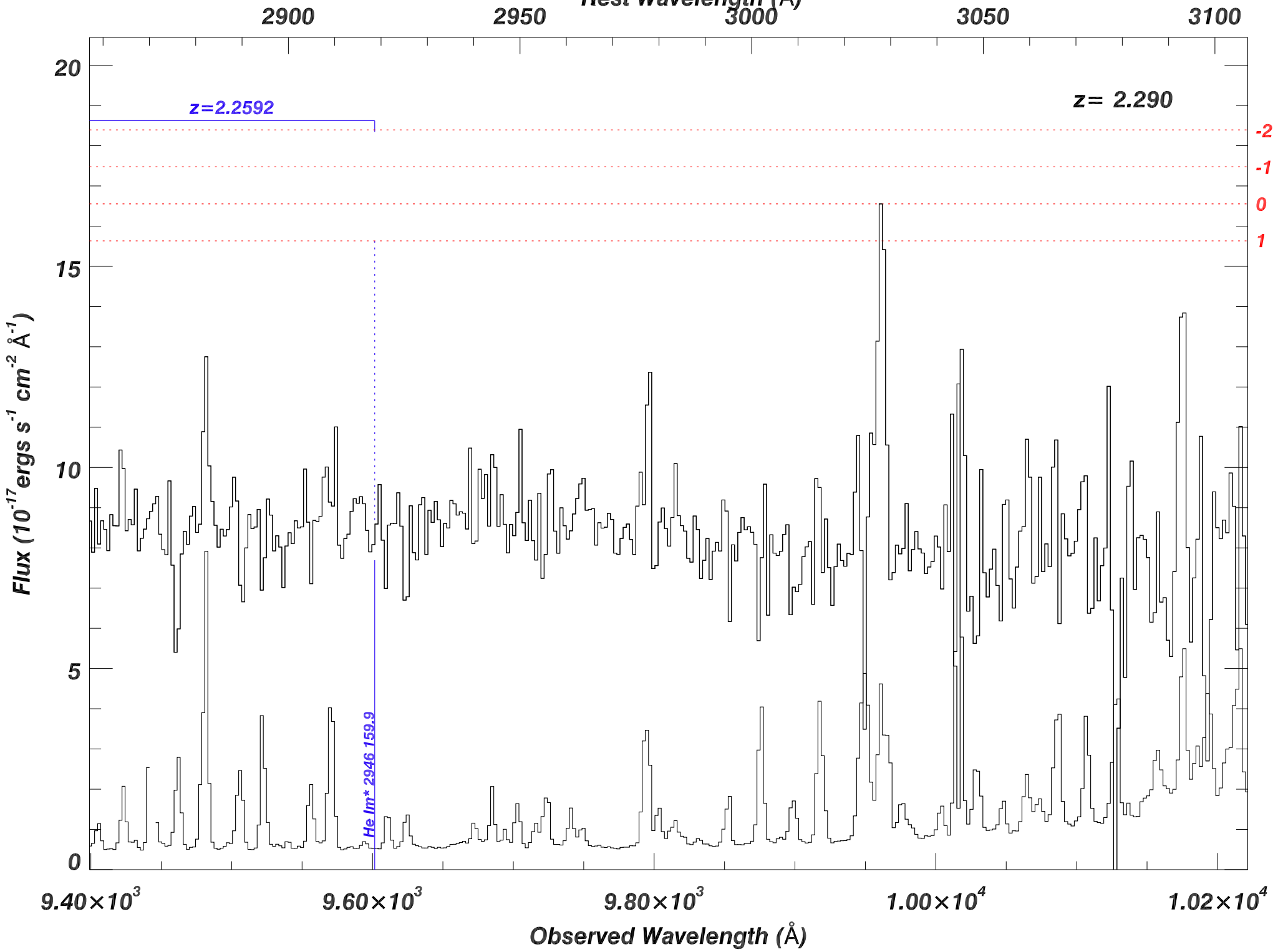
Fe II 2629 1.0

SDSS_J1119+2325_MJD56304



SDSS_J1119+2325_MJD56304

Rest Wavelength (\AA)



SDSS_J1119+2325_MJD56304

Rest Wavelength (Å)

3100

3200

3300

3400

z = 2.290

100

80

60

40

20

0

-2

-1

0

1

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

1.02×10^4

1.04×10^4

1.06×10^4

1.08×10^4

1.10×10^4

1.12×10^4

1.14×10^4

Observed Wavelength (Å)

