

SDSS_J1230+4014_MJD55704

Rest Wavelength (\AA)

1500

2000

2500

3000

$z = 2.047$

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

300

200

100

0

4000

5000

6000

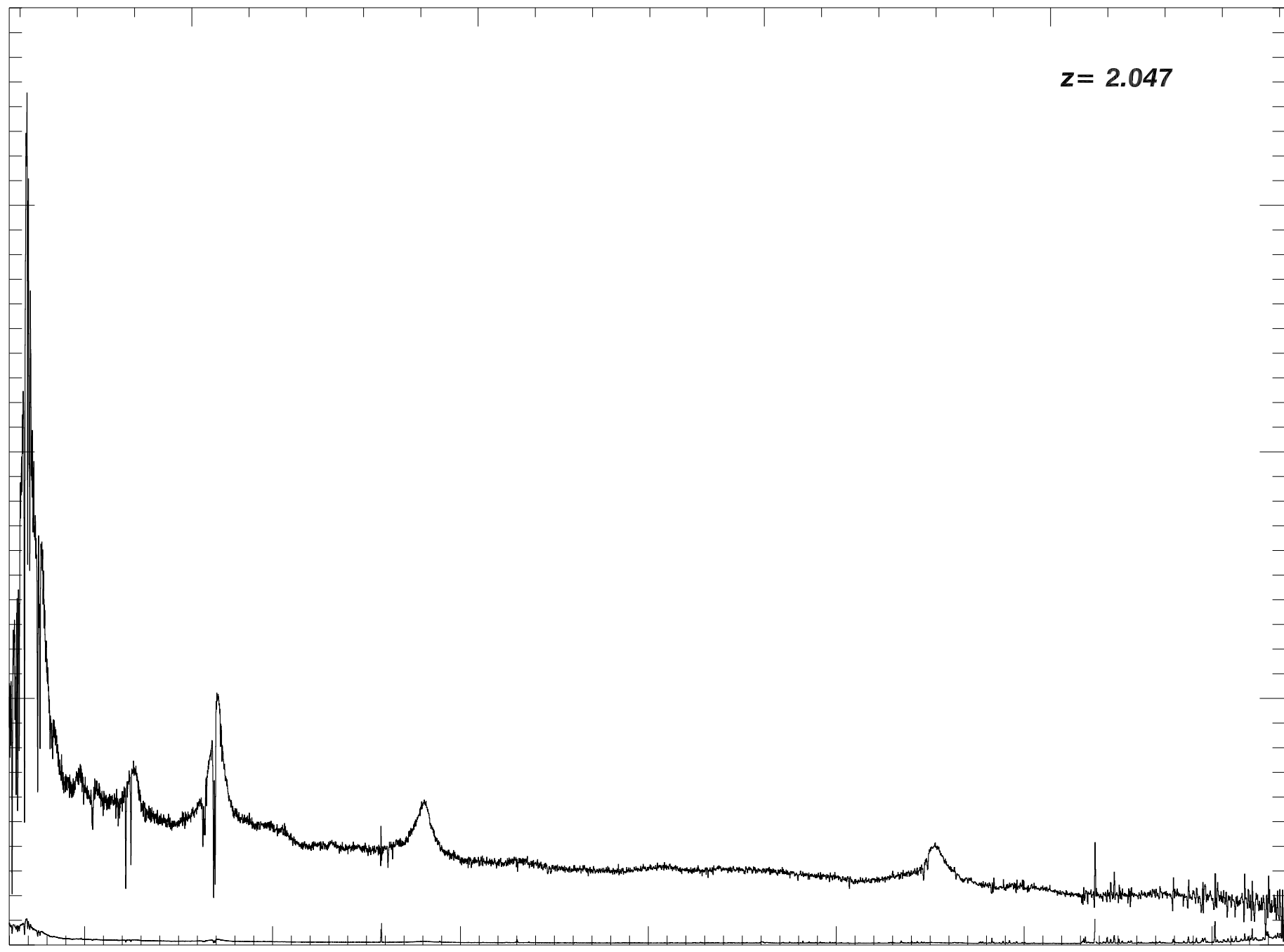
7000

8000

9000

10000

Observed Wavelength (\AA)



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Rest Wavelength (Å)

1200

1250

1300

1350

1400

400

$z=2.0275$

$z=2.047$

-2
-1
0
1

300

200

100

0

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

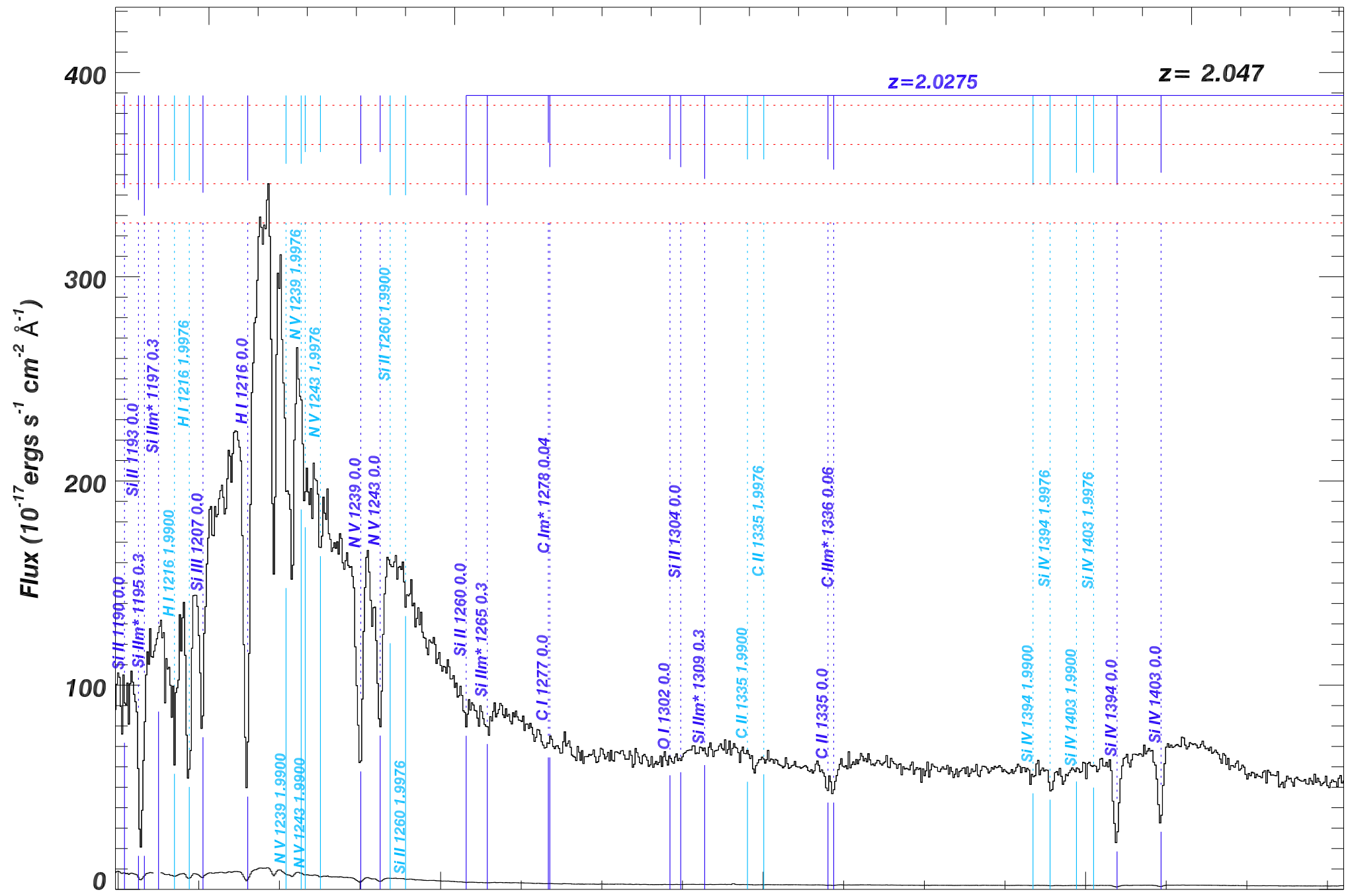
3600

3800

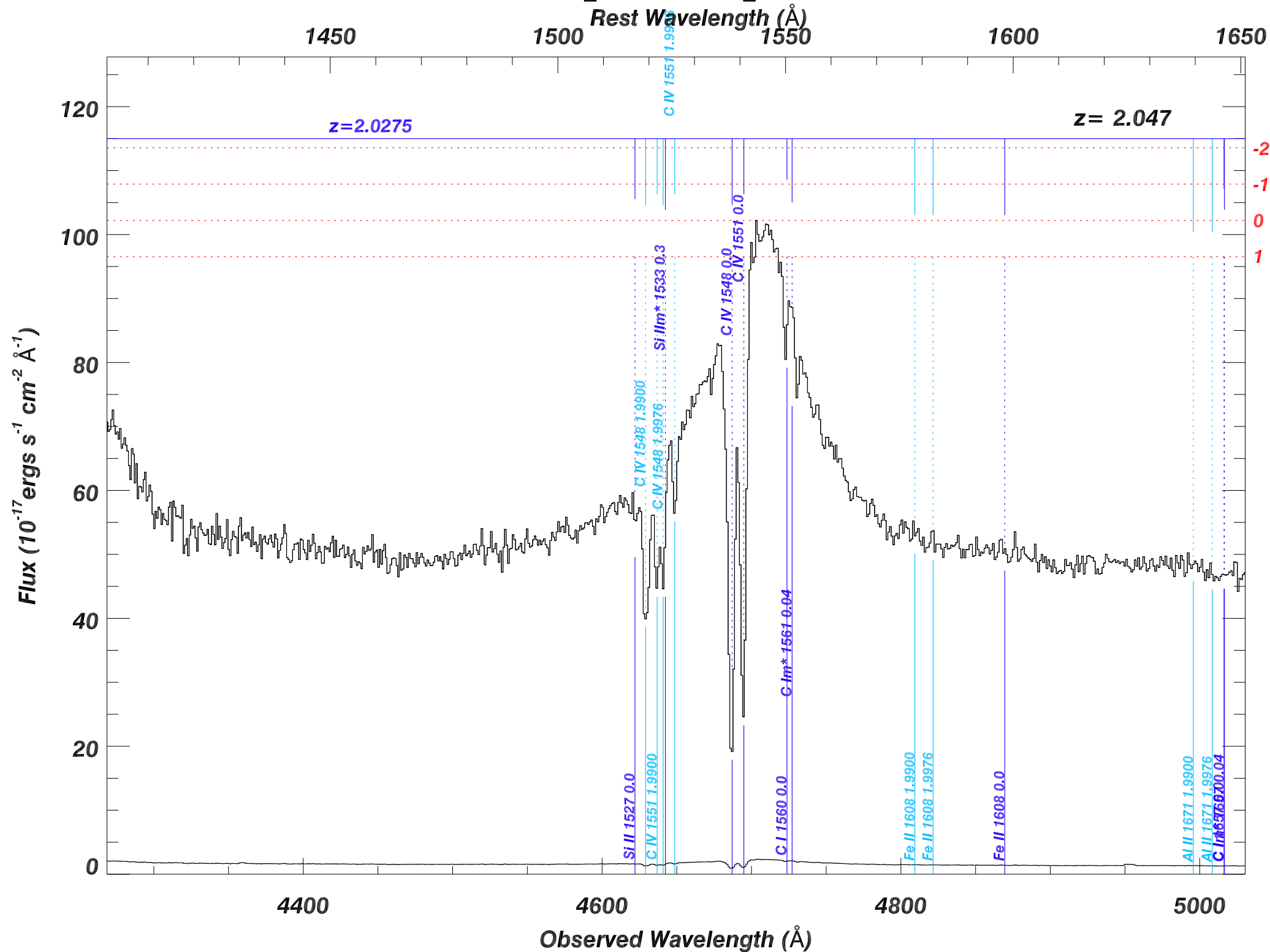
4000

4200

Observed Wavelength (Å)



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Rest Wavelength (\AA)

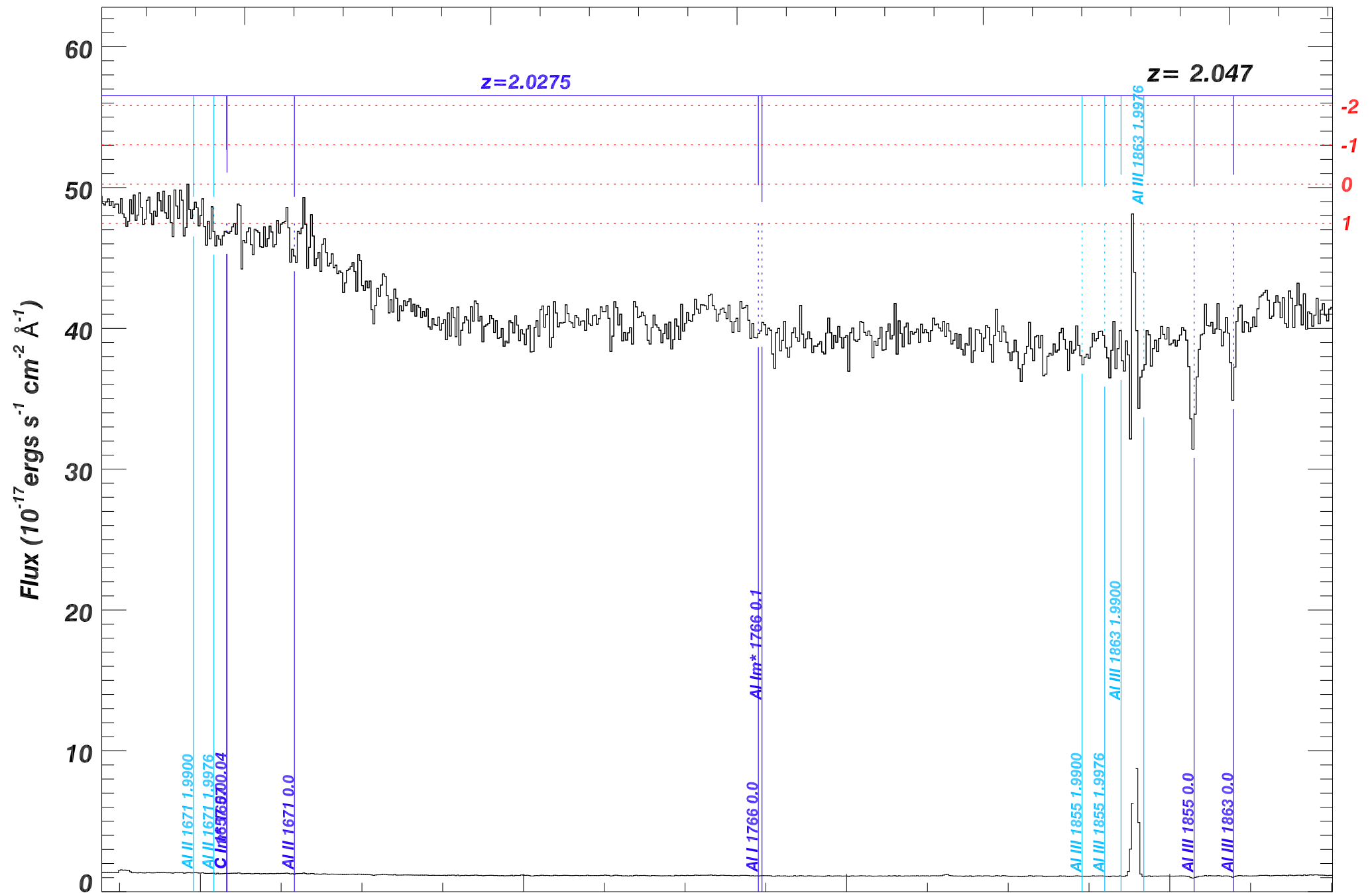
1650

1700

1750

1800

1850



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

5000

5200

5400

5600

Observed Wavelength (\AA)

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Rest Wavelength (\AA)

1850

1900

1950

2000

2050

$z=2.0275$

$z=2.047$

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

60

40

20

0

-2
-1
0
1

Al III 1855 0.0

Al III 1863 0.0

Al I 1932 0.0

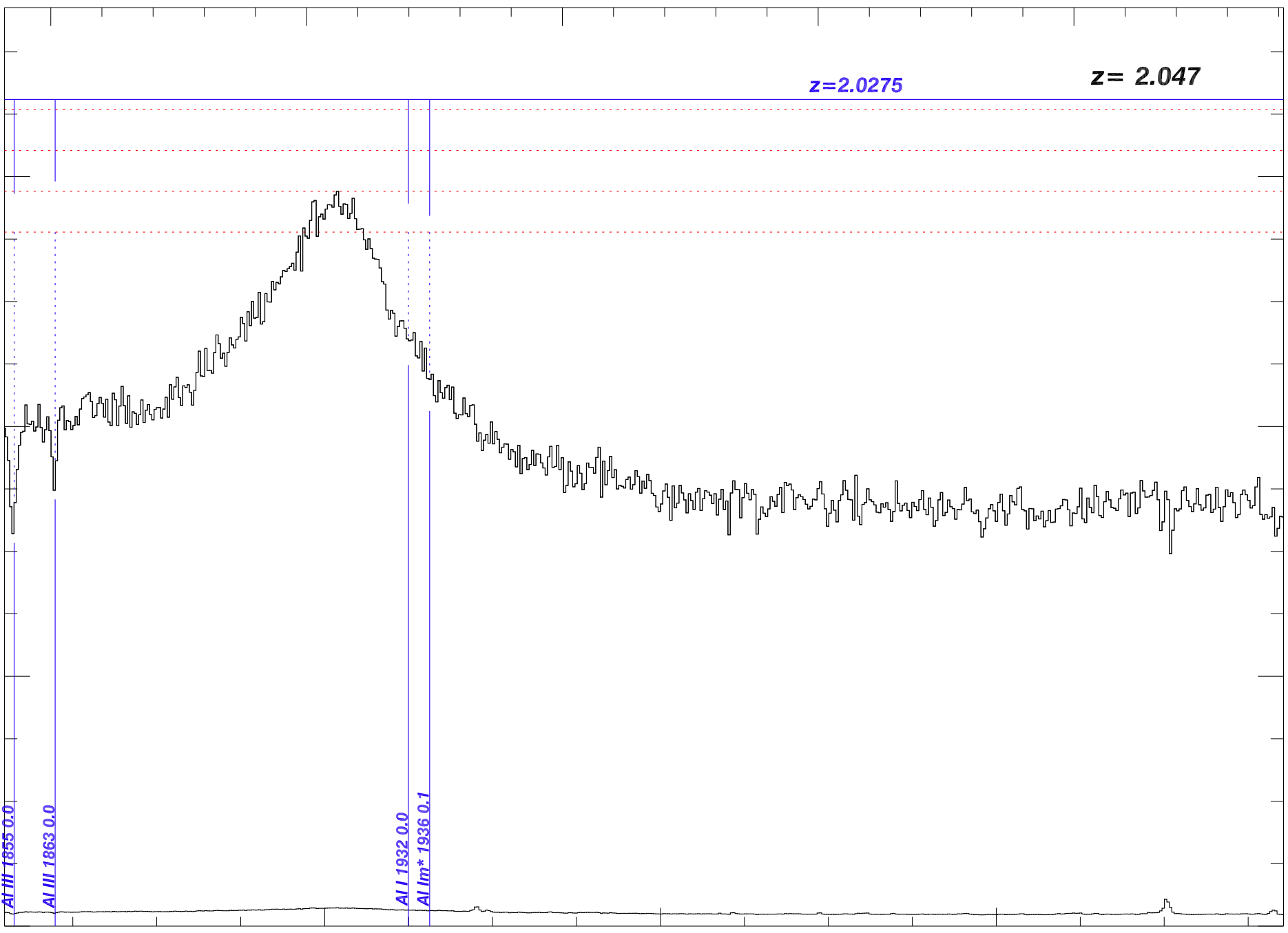
Al Im* 1936 0.1

5800

6000

6200

Observed Wavelength (\AA)



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Rest Wavelength (\AA)

2100

2150

2200

2250

2300

$z=2.0275$

$z = 2.047$

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

40

30

20

10

0

-2

-1

0

1

6400

6600

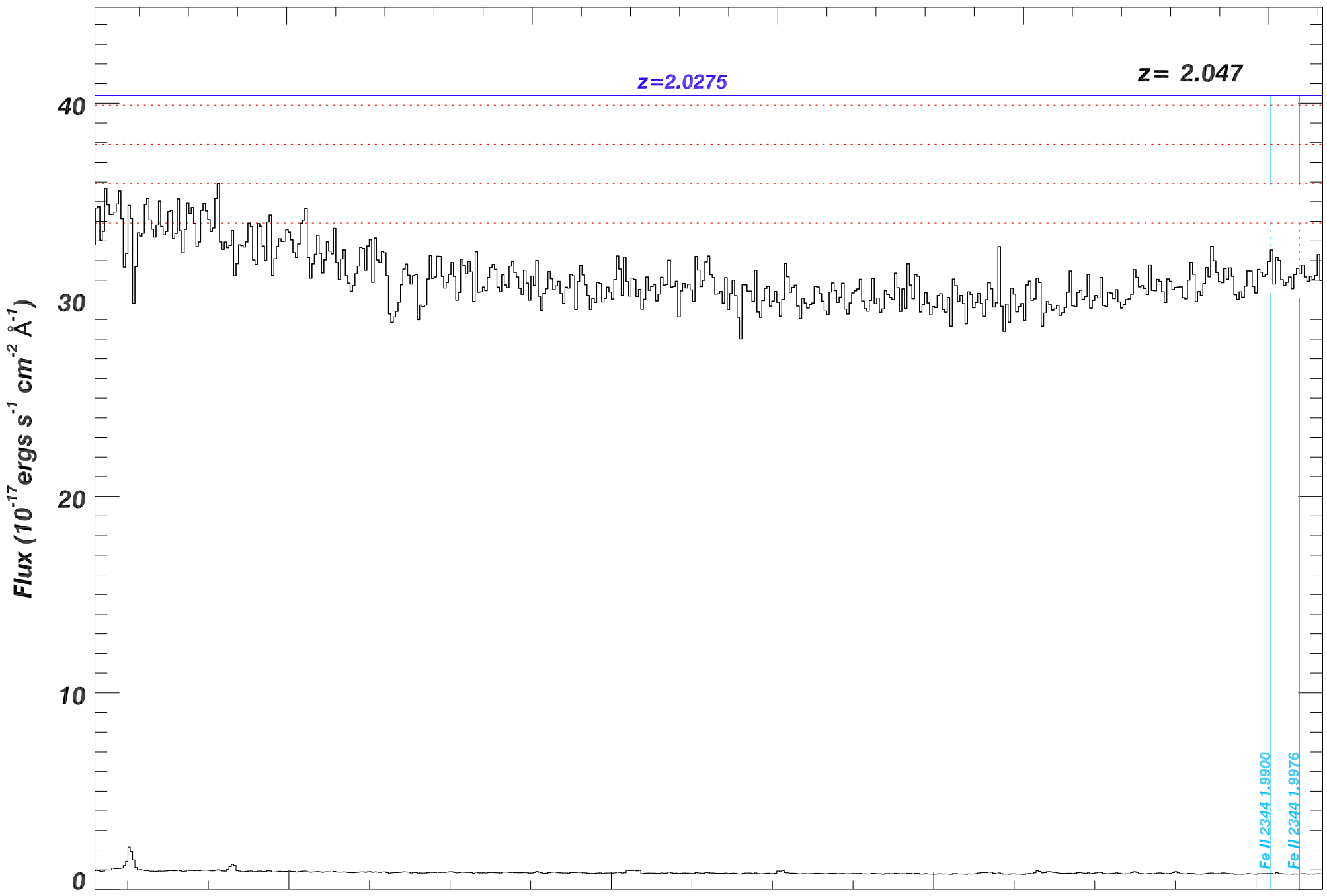
6800

7000

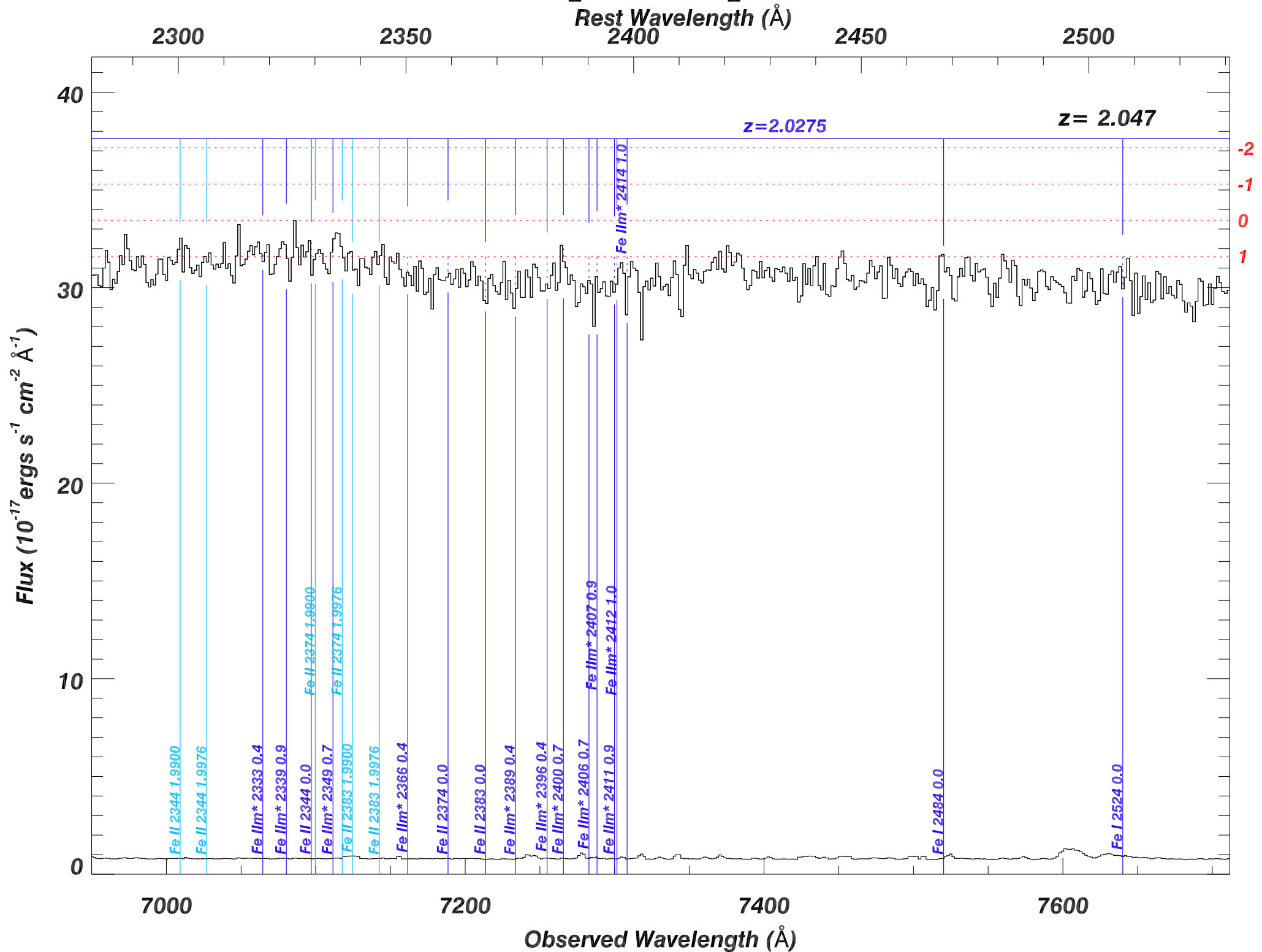
Observed Wavelength (\AA)

Fe II 2344 1.9900

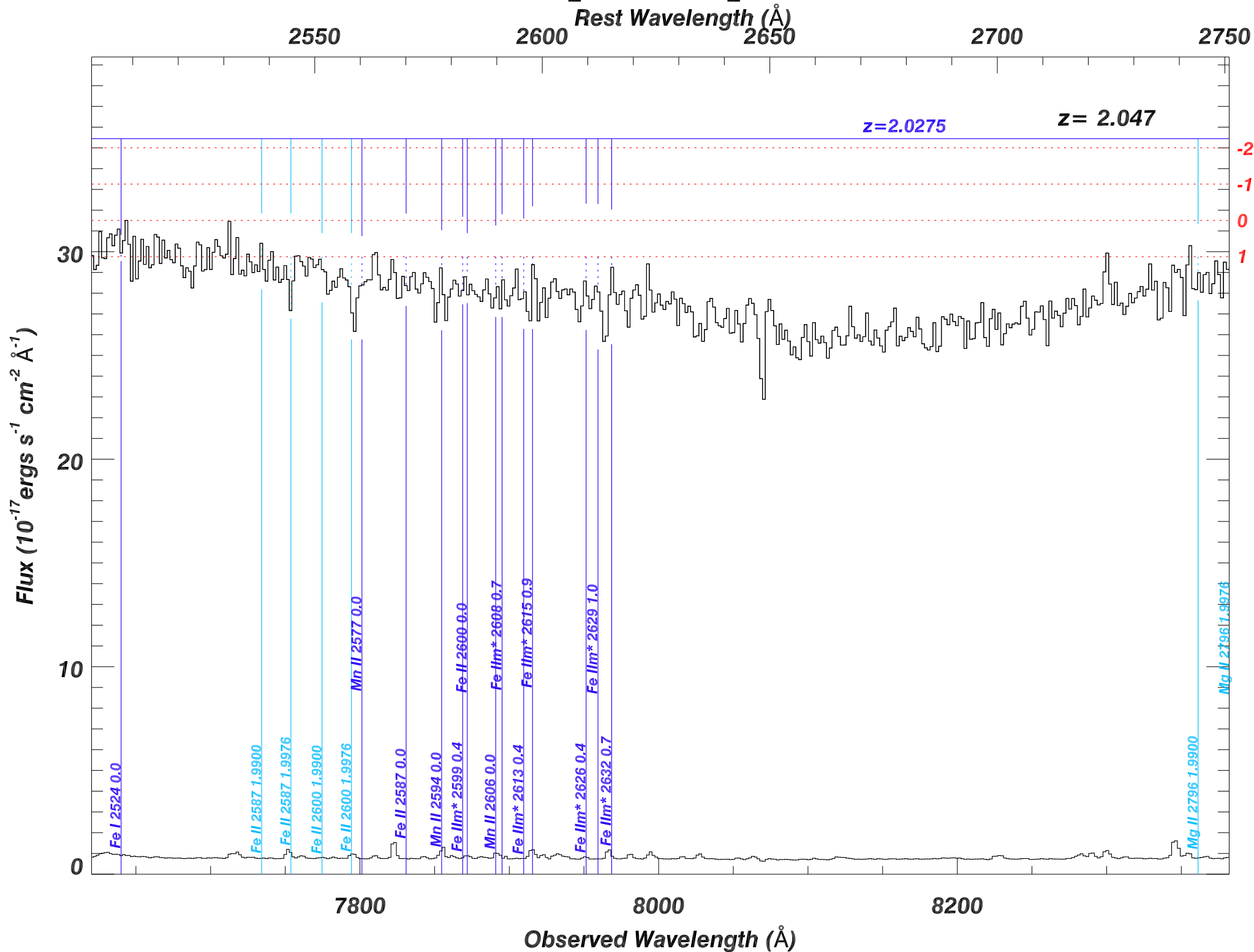
Fe II 2344 1.9976



SDSS_J1230+4014_MJD55704

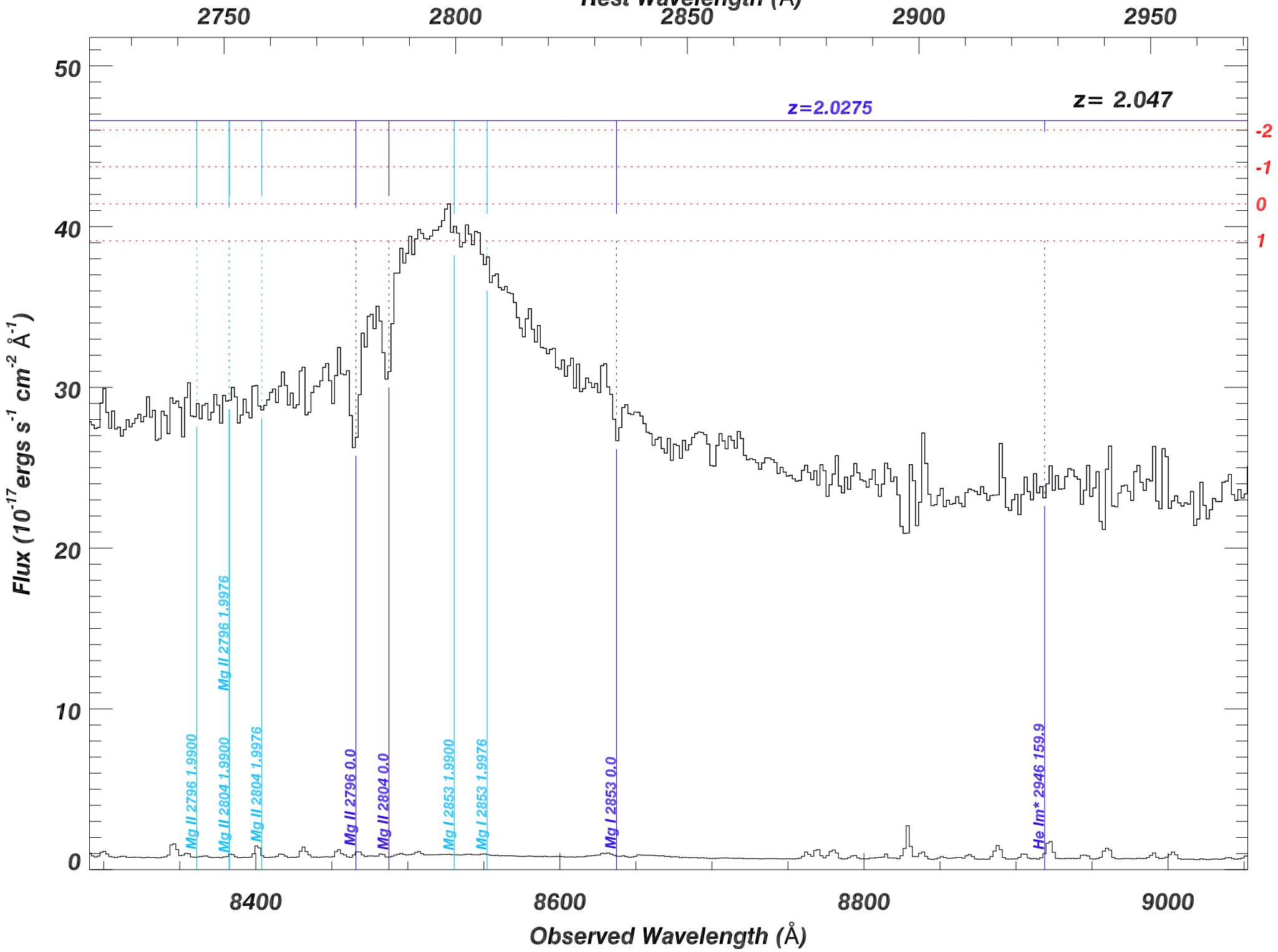


SDSS_J1230+4014_MJD55704

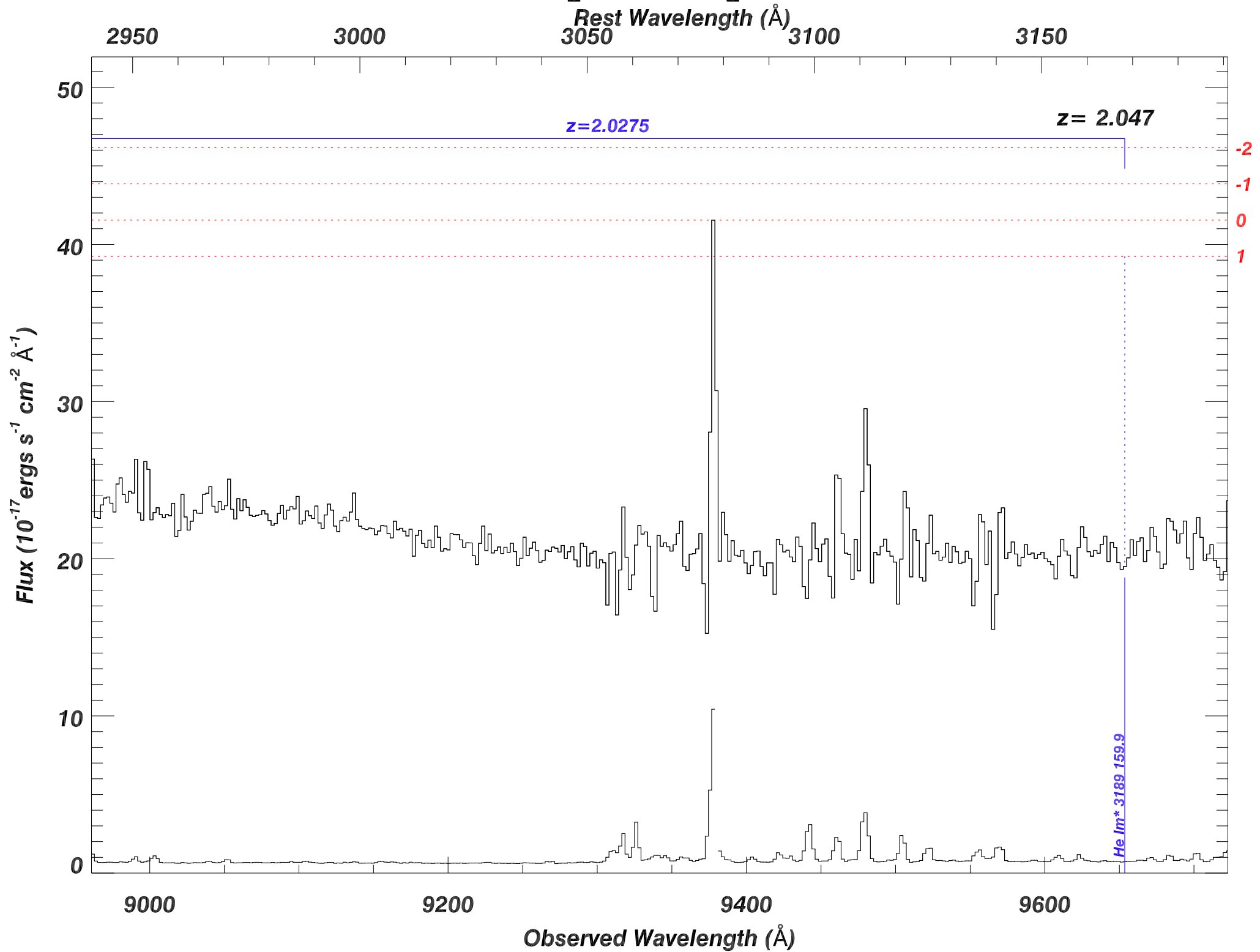


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Rest Wavelength (\AA)



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SDSS_J1230+4014_MJD55704

Rest Wavelength (\AA)

3200

3300

3400

3500

$z=2.0275$

$z=2.047$

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

30

20

10

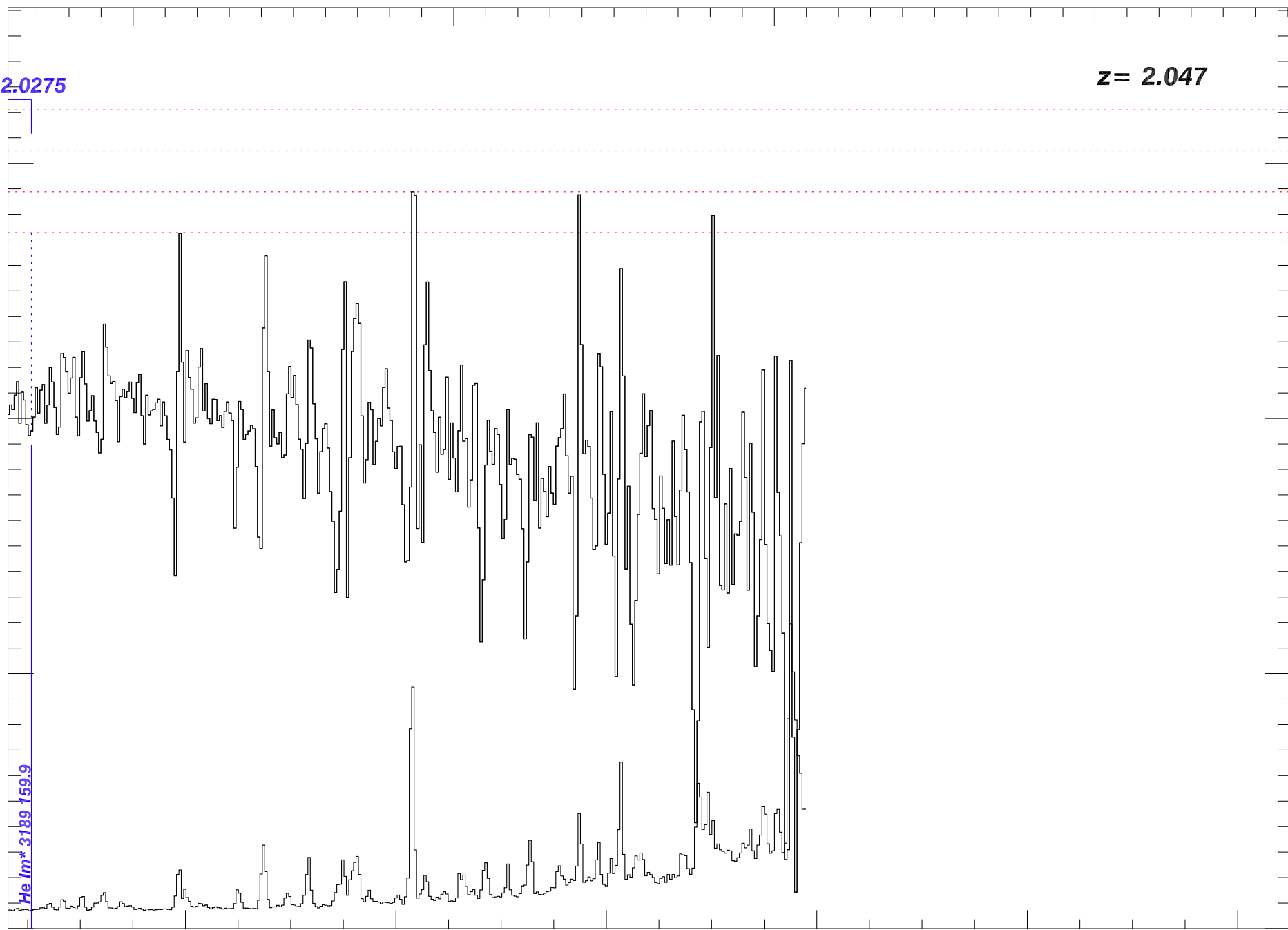
0

-2

-1

0

1



9.80×10^3

1.00×10^4

1.02×10^4

1.04×10^4

1.06×10^4

1.08×10^4

Observed Wavelength (\AA)

He Im* 3189.159.9