

**SDSS\_J1253+2934\_MJD54892**

*Rest Wavelength (Å)*

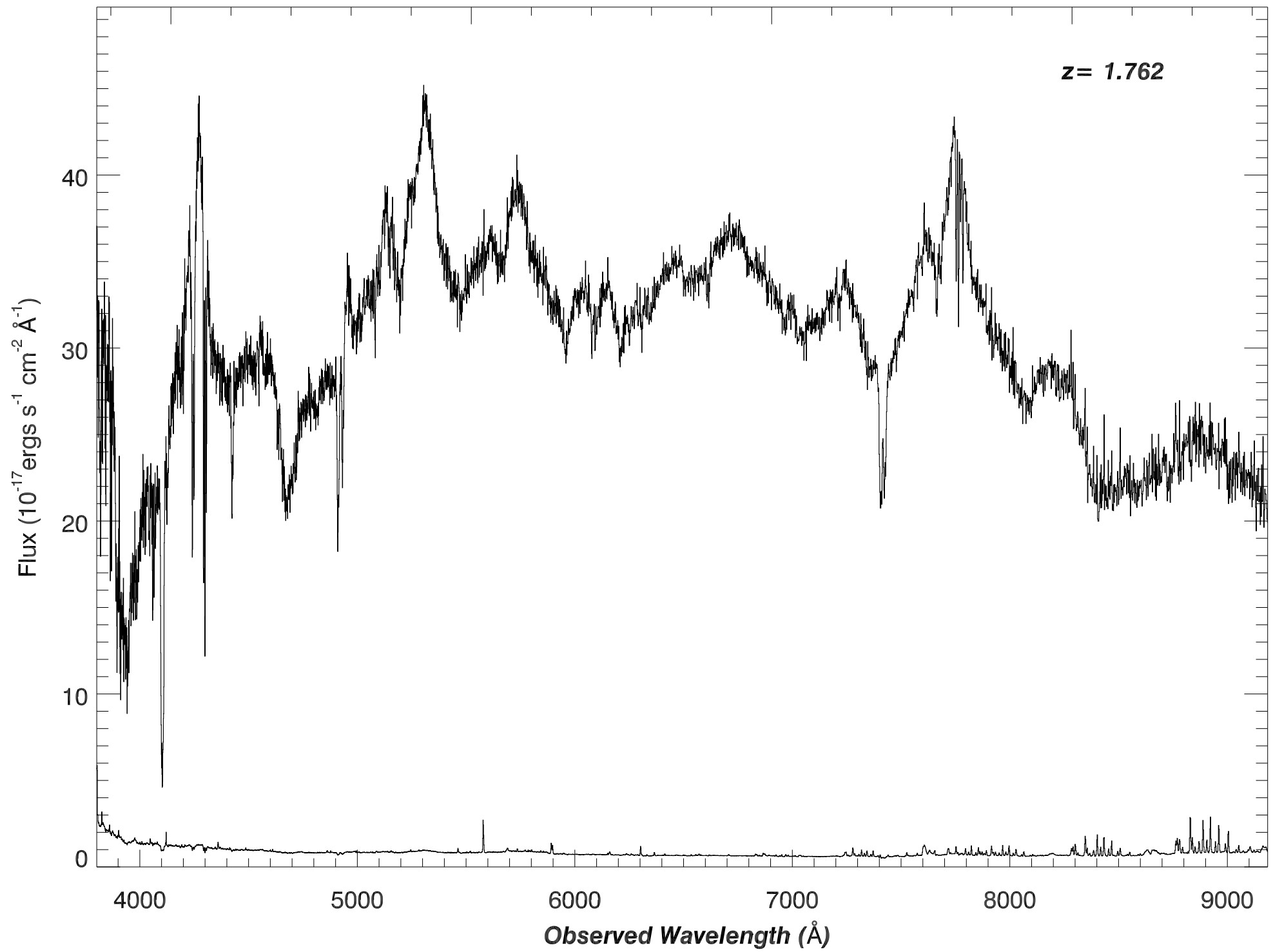
1500

2000

2500

3000

***z = 1.762***



## SDSS\_J1253+2934\_MJD54892

Rest Wavelength ( $\text{\AA}$ )

1400

1450

1500

1550

1600

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

50

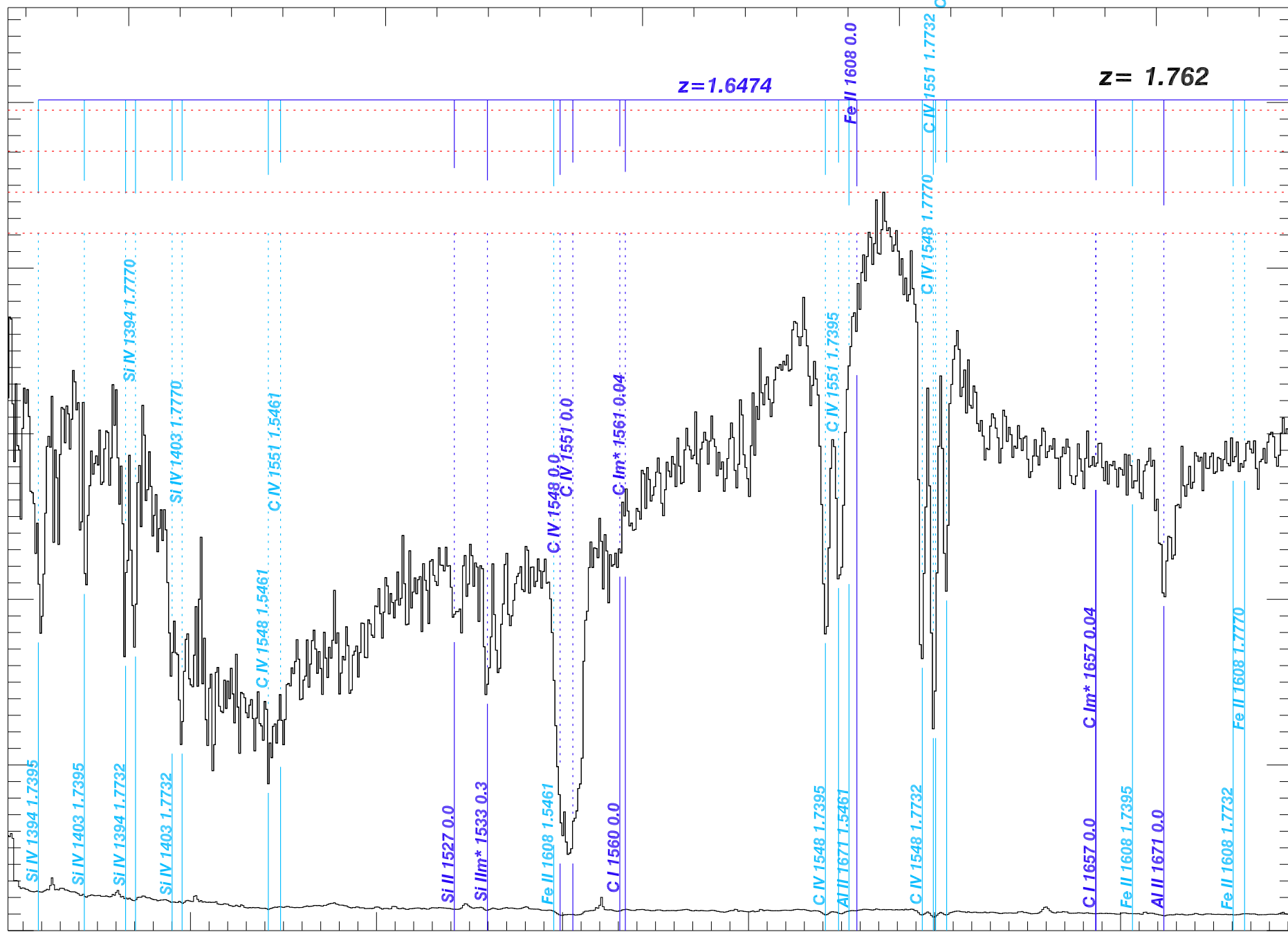
40

30

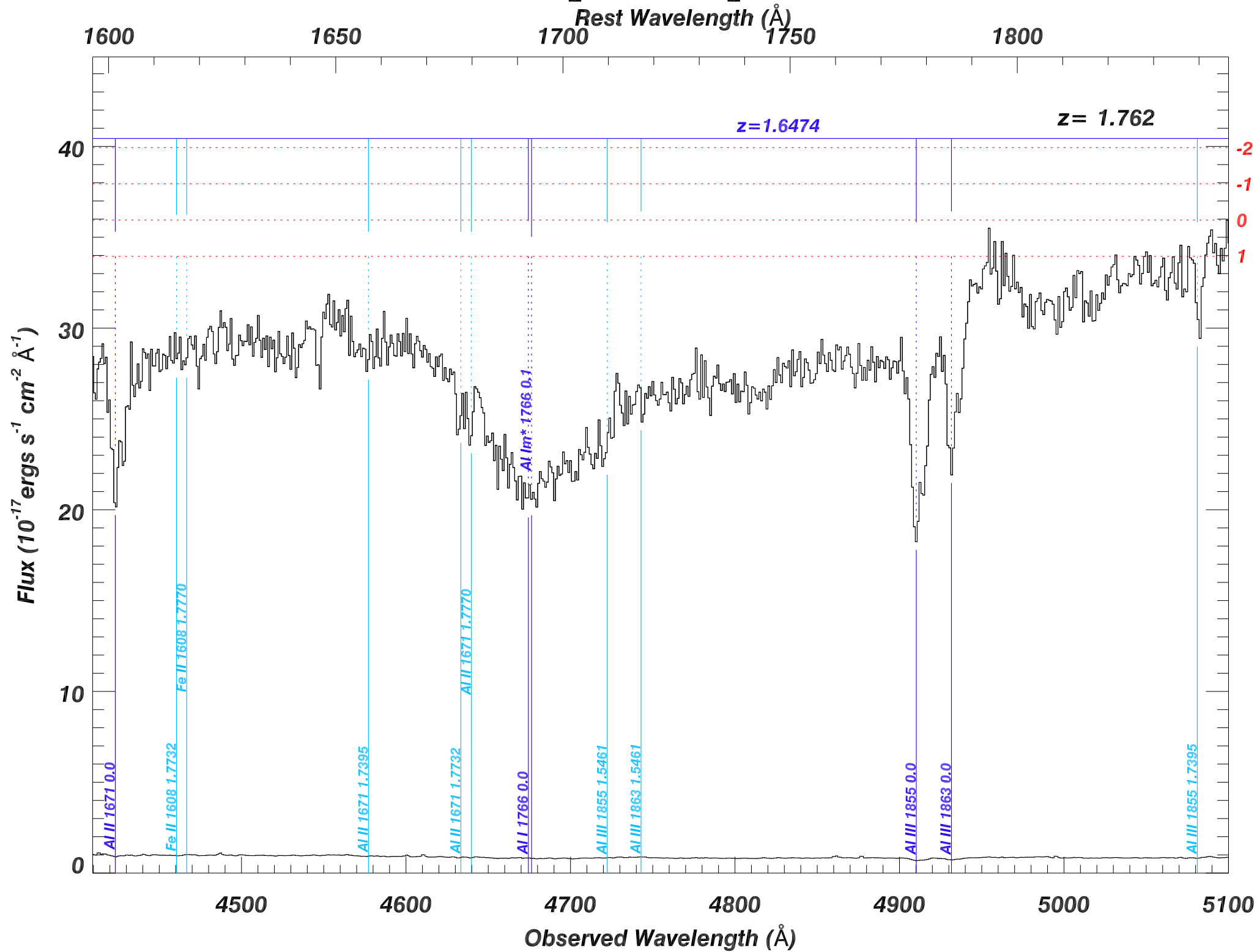
20

10

0

 $z=1.6474$  $z=1.762$ -2  
-1  
0  
1Observed Wavelength ( $\text{\AA}$ )

# SDSS\_J1253+2934\_MJD54892



# SDSS\_J1253+2934\_MJD54892

Rest Wavelength ( $\text{\AA}$ )

1850

1900

1950

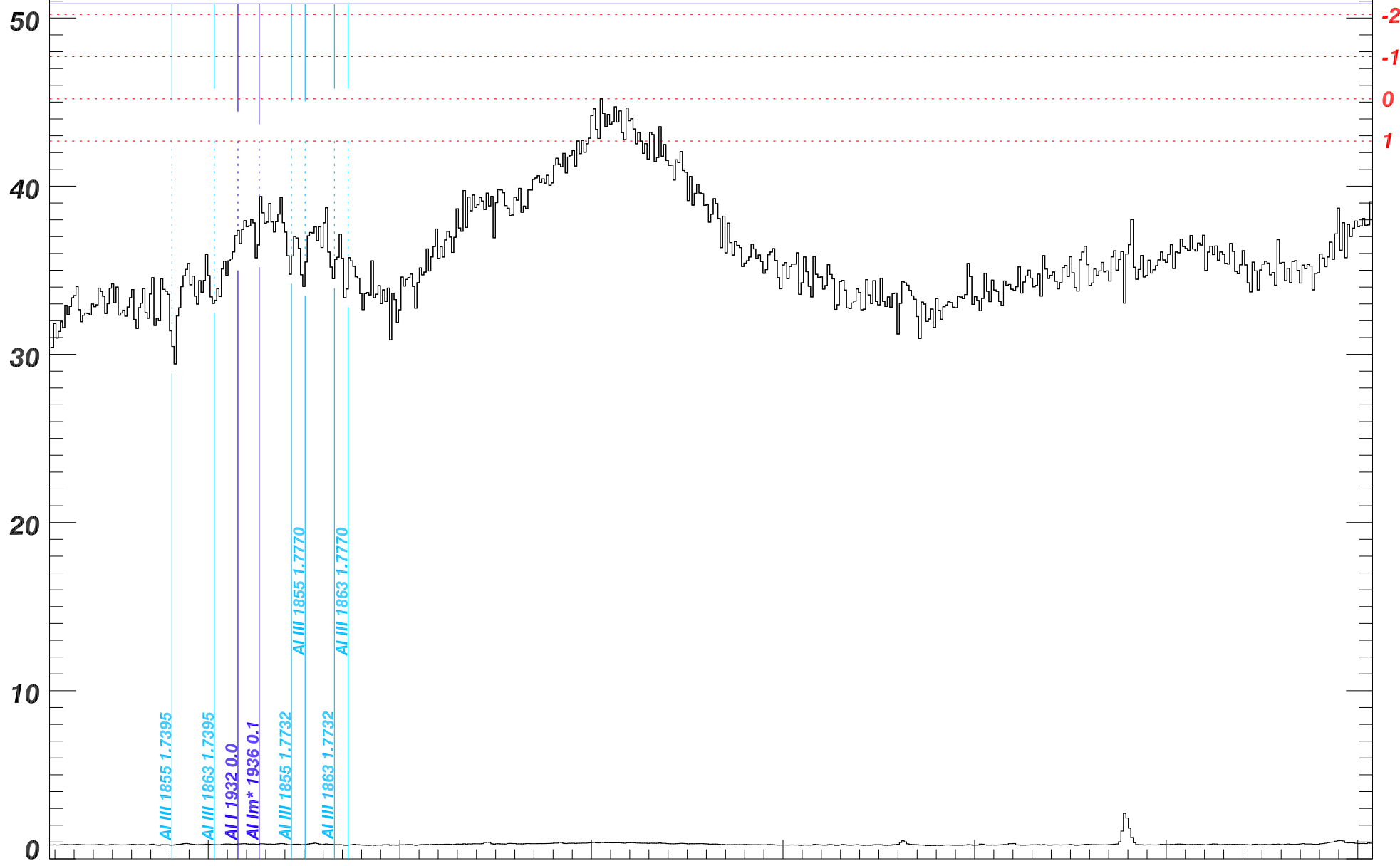
2000

2050

$z=1.6474$

$z=1.762$

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



-2  
-1  
0  
1

5100

5200

5300

5400

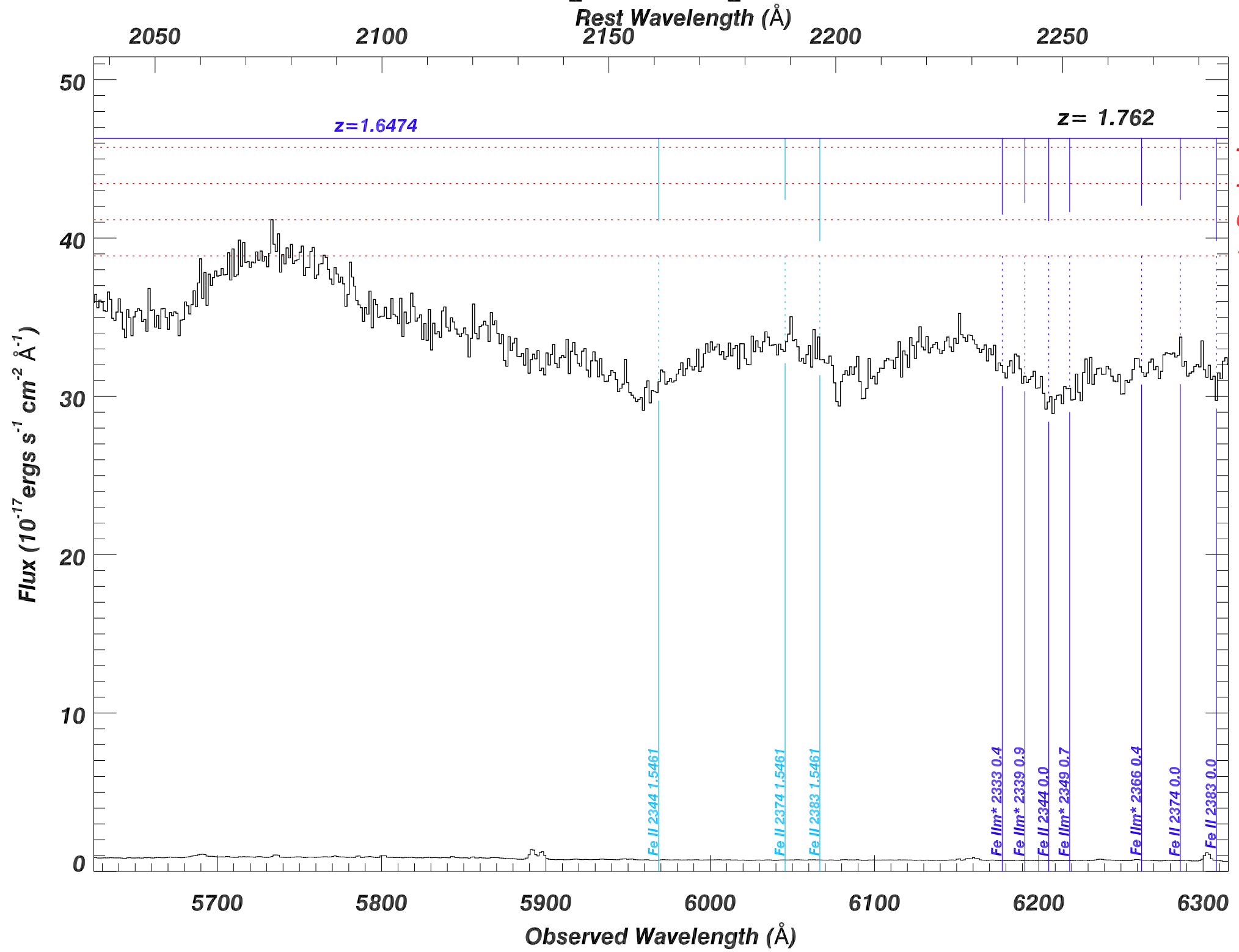
5500

5600

5700

Observed Wavelength ( $\text{\AA}$ )

# SDSS\_J1253+2934\_MJD54892



# SDSS\_J1253+2934\_MJD54892

Rest Wavelength ( $\text{\AA}$ )

2300

2350

2400

2450

2500

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

40

30

20

10

0

$z=1.6474$

$z=1.762$

-2  
-1  
0  
1

Fe II $\lambda$  2366 0.4

Fe II 2374 0.0

Fe II 2383 0.0

Fe II $\lambda$ \* 2389 0.4

Fe II $\lambda$ \* 2396 0.4

Fe II $\lambda$ \* 2400 0.7

Fe II $\lambda$ \* 2406 0.7

Fe II $\lambda$ \* 2411 0.9

Fe II $\lambda$ \* 2412 1.0

Fe II $\lambda$ \* 2414 1.0

Fe II 2344 1.7395

Fe II 2344 1.7732

Fe II 2374 1.7395

Fe II 2383 1.7395

Fe I 2484 0.0

Fe II 2374 1.7732

Fe II 2587 1.5461

Fe II 2374 1.7770

Fe II 2383 1.7732

Fe II 2690 1.5461

Fe II 2383 1.7770

Fe I 2524 0.0

Mn II 2577 0.0

Fe II 2587 0.0

Mn II 2594 0.0

Fe II $\lambda$ \* 2599 0.4

Mn II 2606 0.0

Fe II $\lambda$ \* 2608 0.7

Fe II $\lambda$ \* 2613 0.4

Fe II $\lambda$ \* 2615 0.9

6300

6400

6500

6600

6700

6800

6900

Observed Wavelength ( $\text{\AA}$ )

# SDSS\_J1253+2934\_MJD54892

Rest Wavelength ( $\text{\AA}$ )

2500

2550

2600

2650

2700

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

40

30

20

10

0

$z=1.6474$

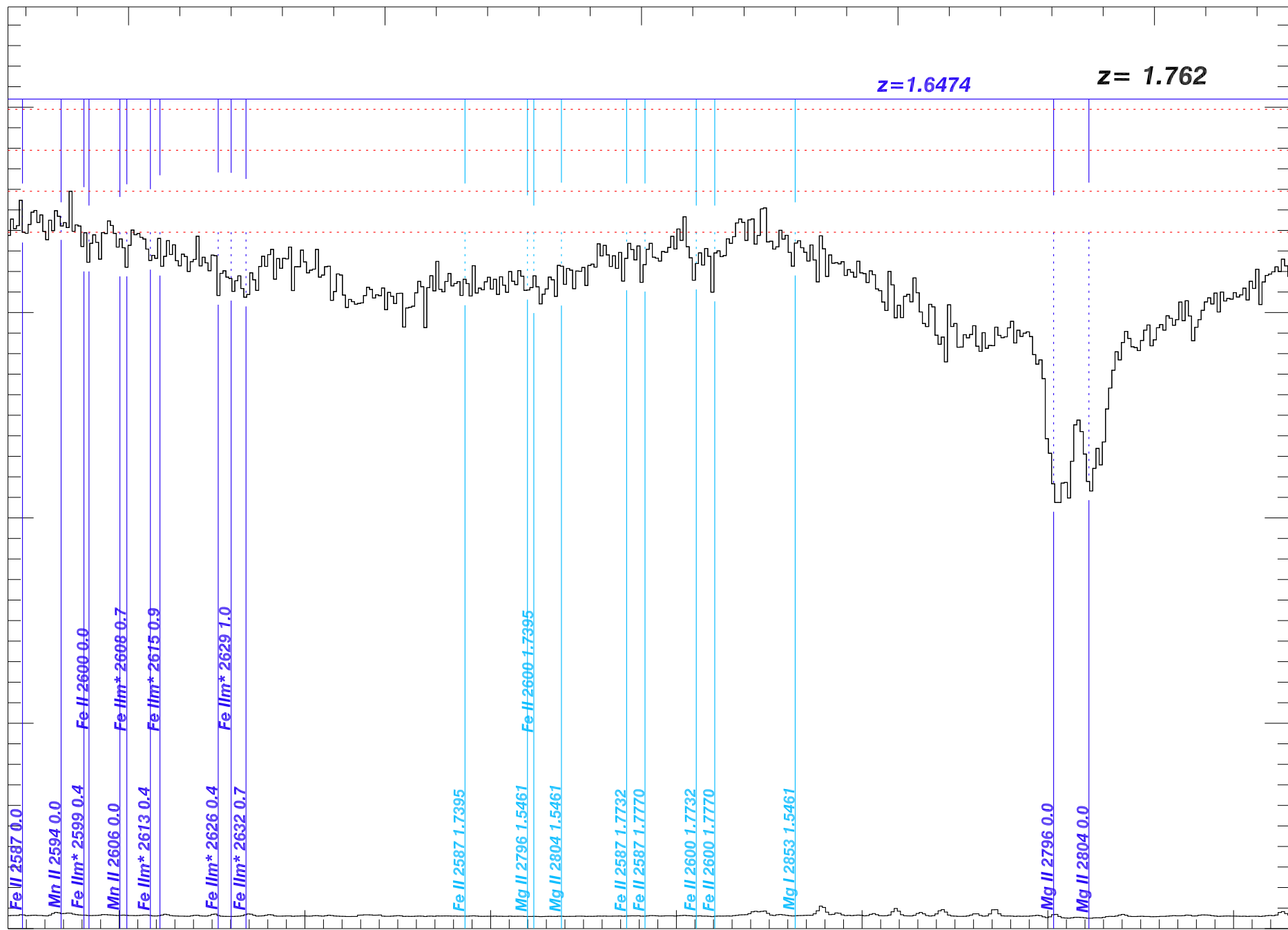
$z=1.762$

-2

-1

0

1



6900

7000

7100

7200

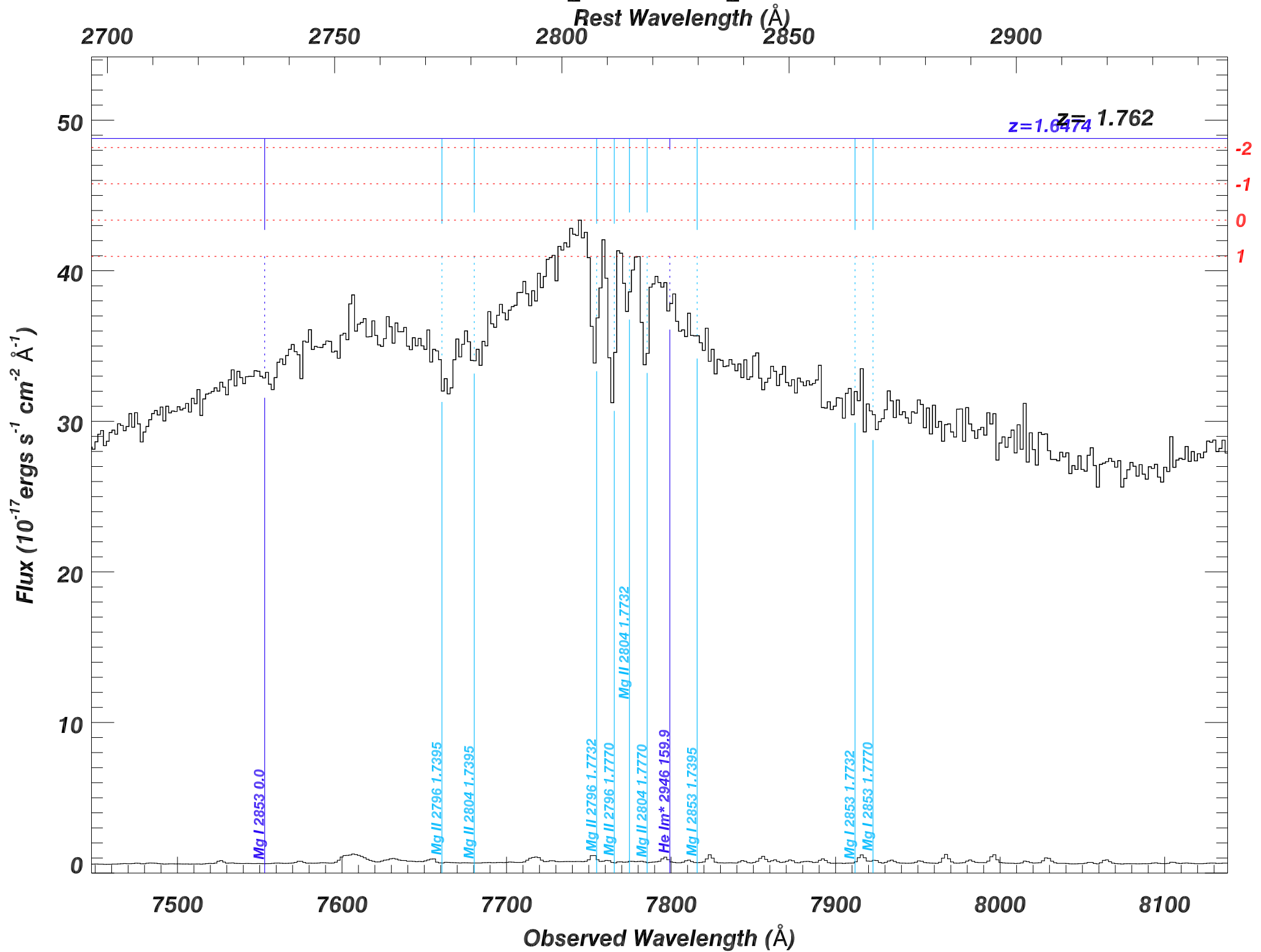
7300

7400

7500

Observed Wavelength ( $\text{\AA}$ )

# SDSS\_J1253+2934\_MJD54892





# SDSS\_J1253+2934\_MJD54892

Rest Wavelength ( $\text{\AA}$ )

2950

3000

3050

3100

3150

$z=1.6474$

$z=1.762$

-2

-1

0

1

30

20

10

0

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

He I m\* 3189.159.9

8100

8200

8300

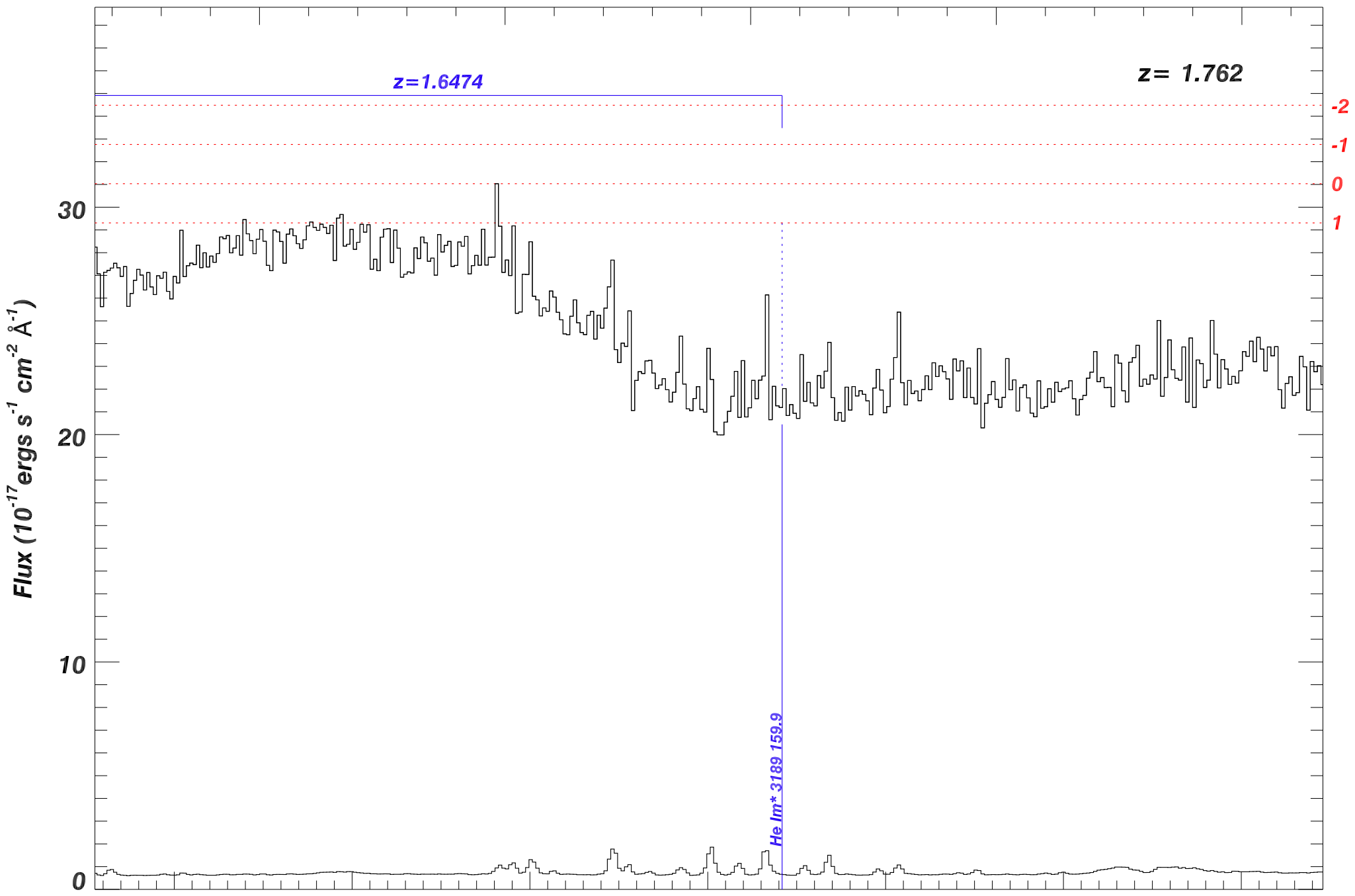
8400

8500

8600

8700

Observed Wavelength ( $\text{\AA}$ )



**SDSS\_J1253+2934\_MJD54892**

*Rest Wavelength (Å)*

**3200**

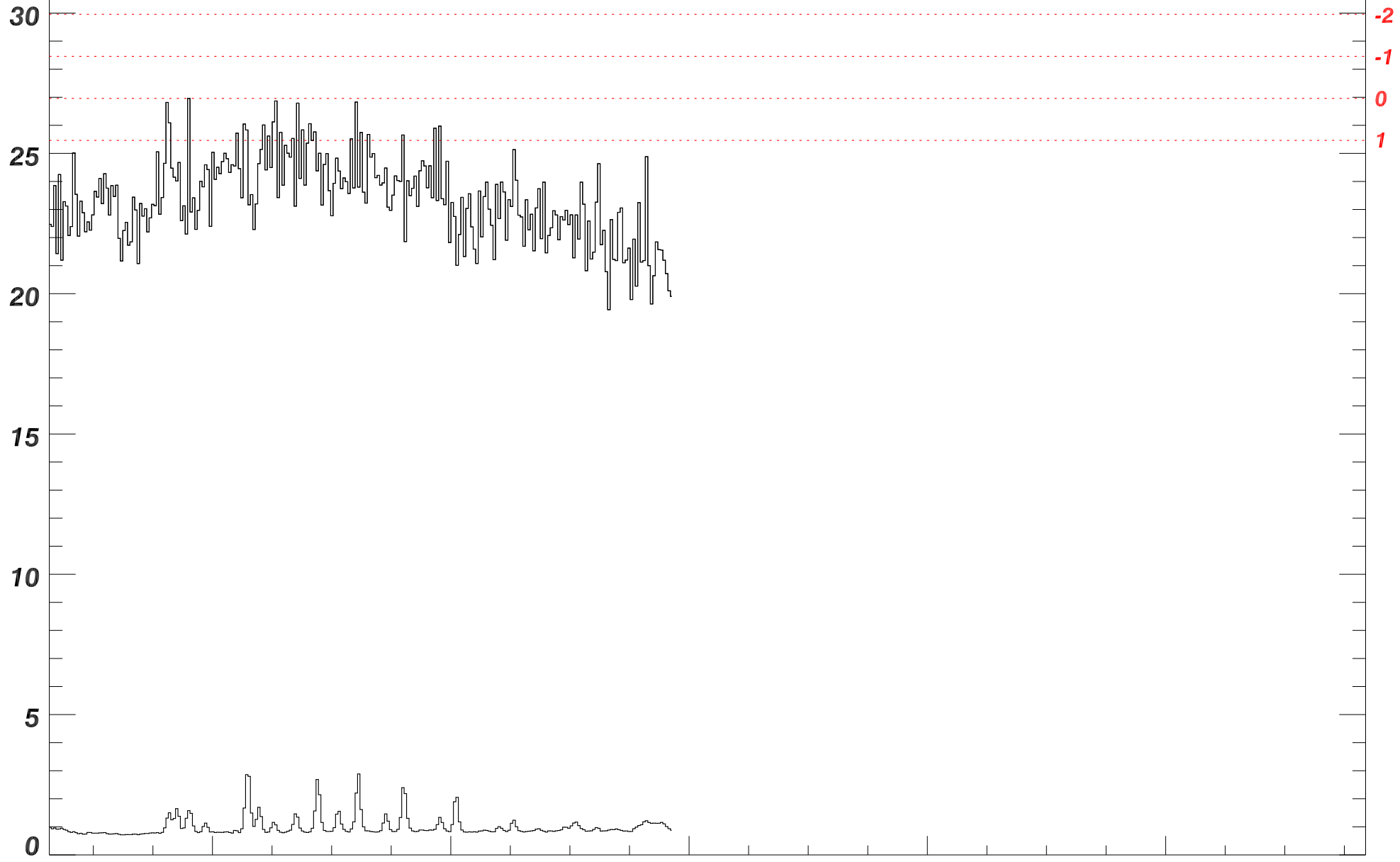
**3300**

**3400**

**3500**

***z = 1.762***

***Flux (10<sup>-17</sup> ergs s<sup>-1</sup> cm<sup>-2</sup> Å<sup>-1</sup>)***



**8800**

**9000**

**9200**

**9400**

**9600**

***Observed Wavelength (Å)***