

**SDSS\_J1029+6223\_MJD56667**

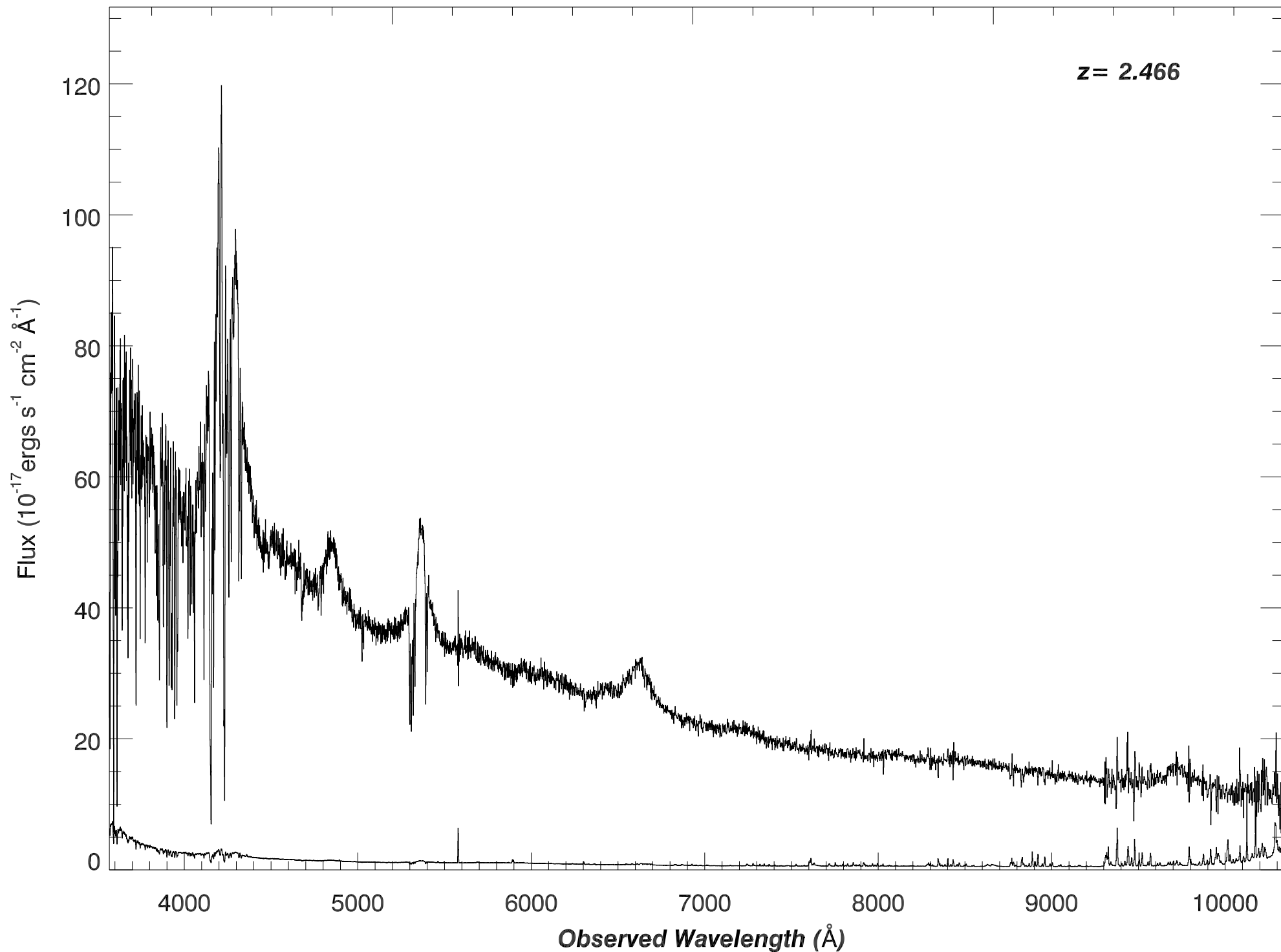
**Rest Wavelength ( $\text{\AA}$ )**

**1500**

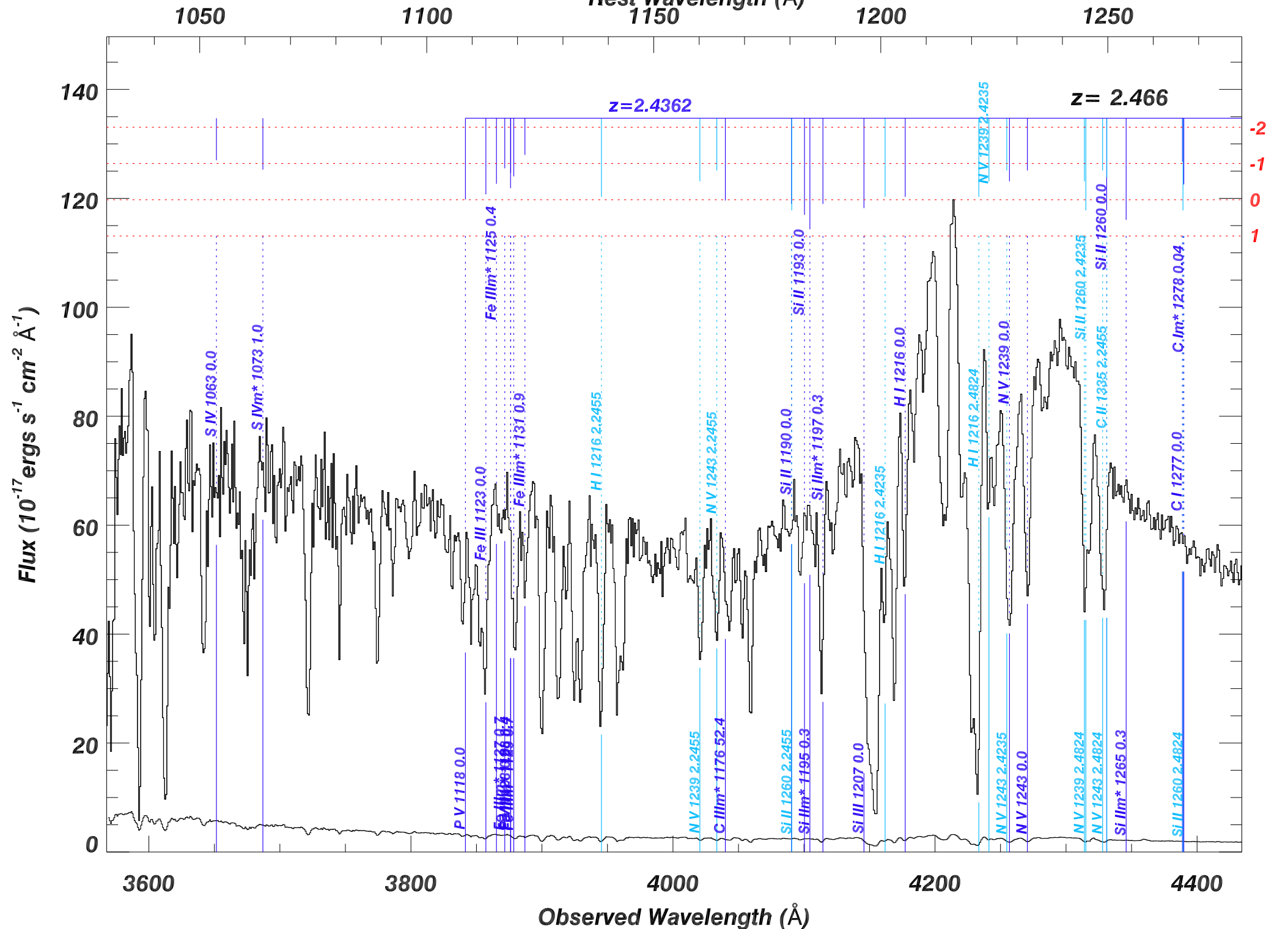
**2000**

**2500**

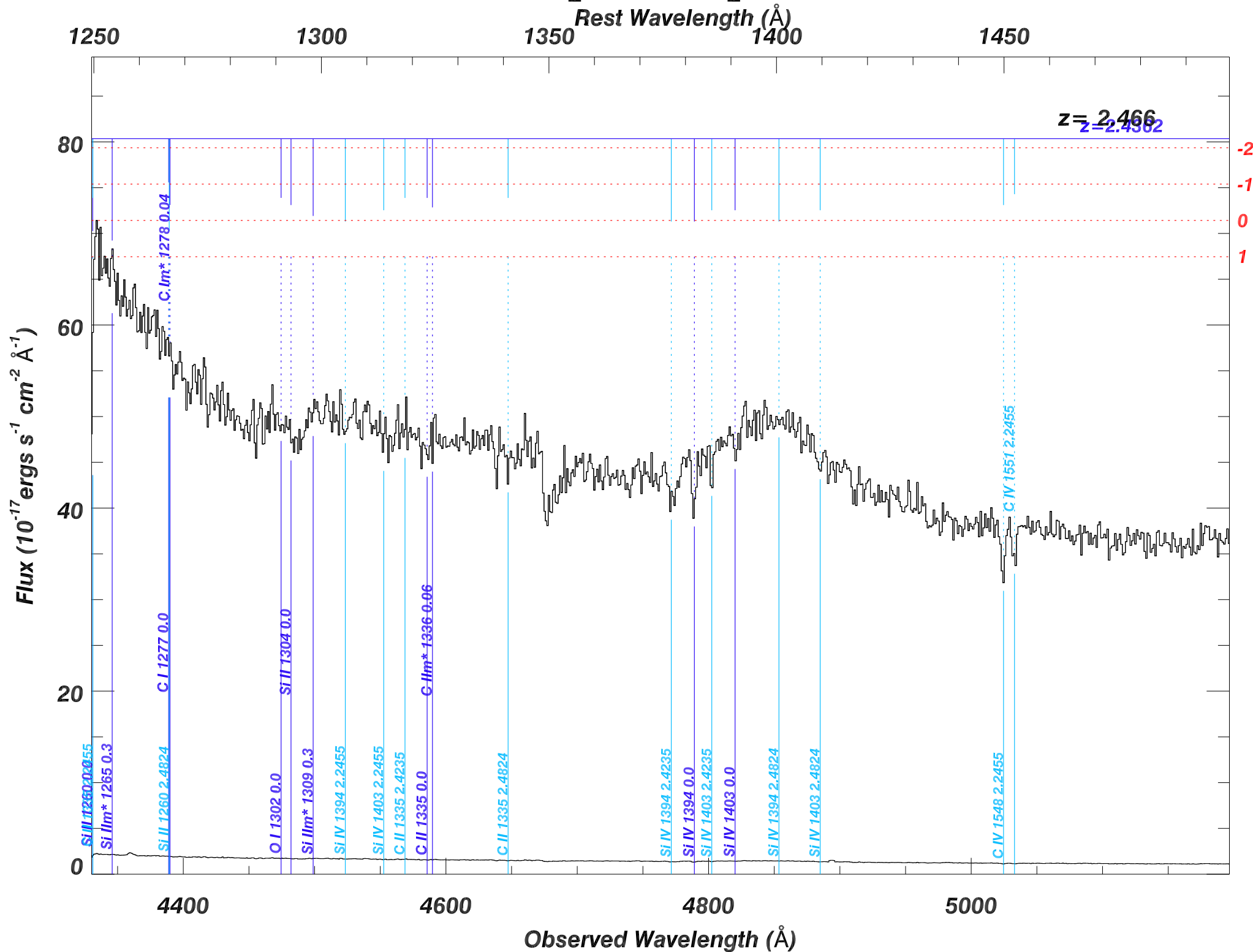
**$z = 2.466$**



## SDSS\_J1029+6223\_MJD56667

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

# SDSS\_J1029+6223\_MJD56667



# SDSS\_J1029+6223\_MJD56667

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

1500

1550

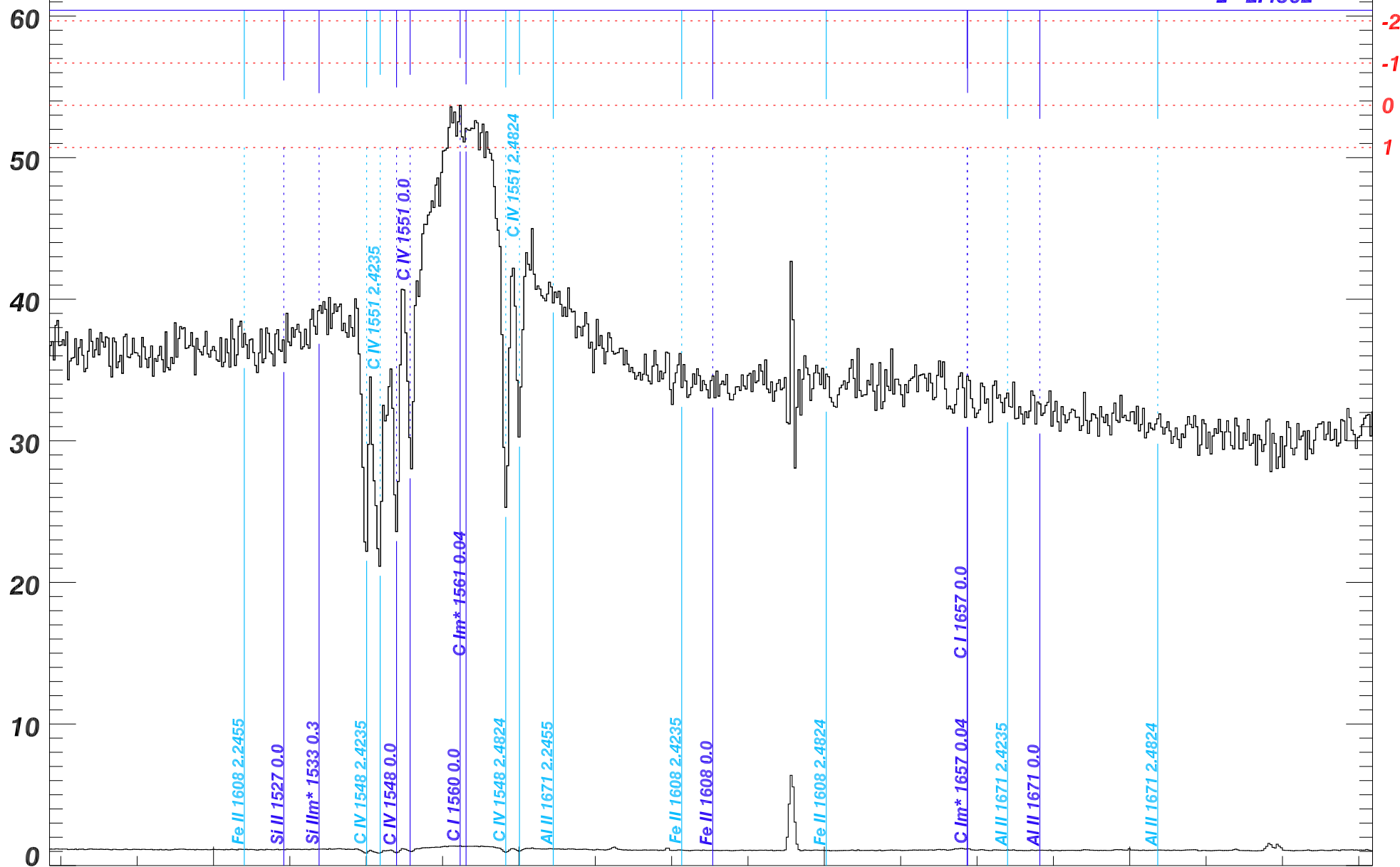
1600

1650

1700

$z = 2.466$   
 $z = 2.4362$

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



5200

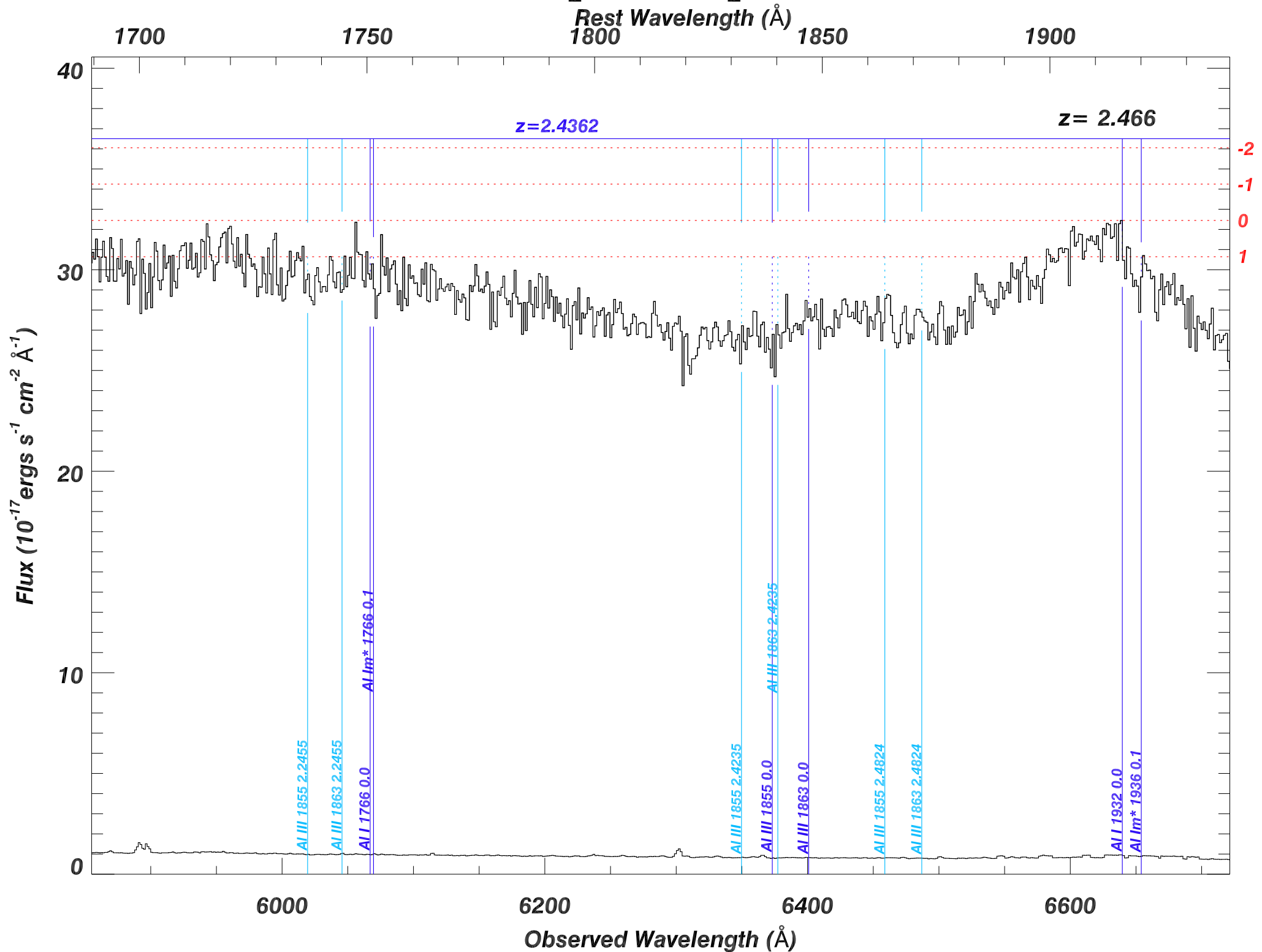
5400

5600

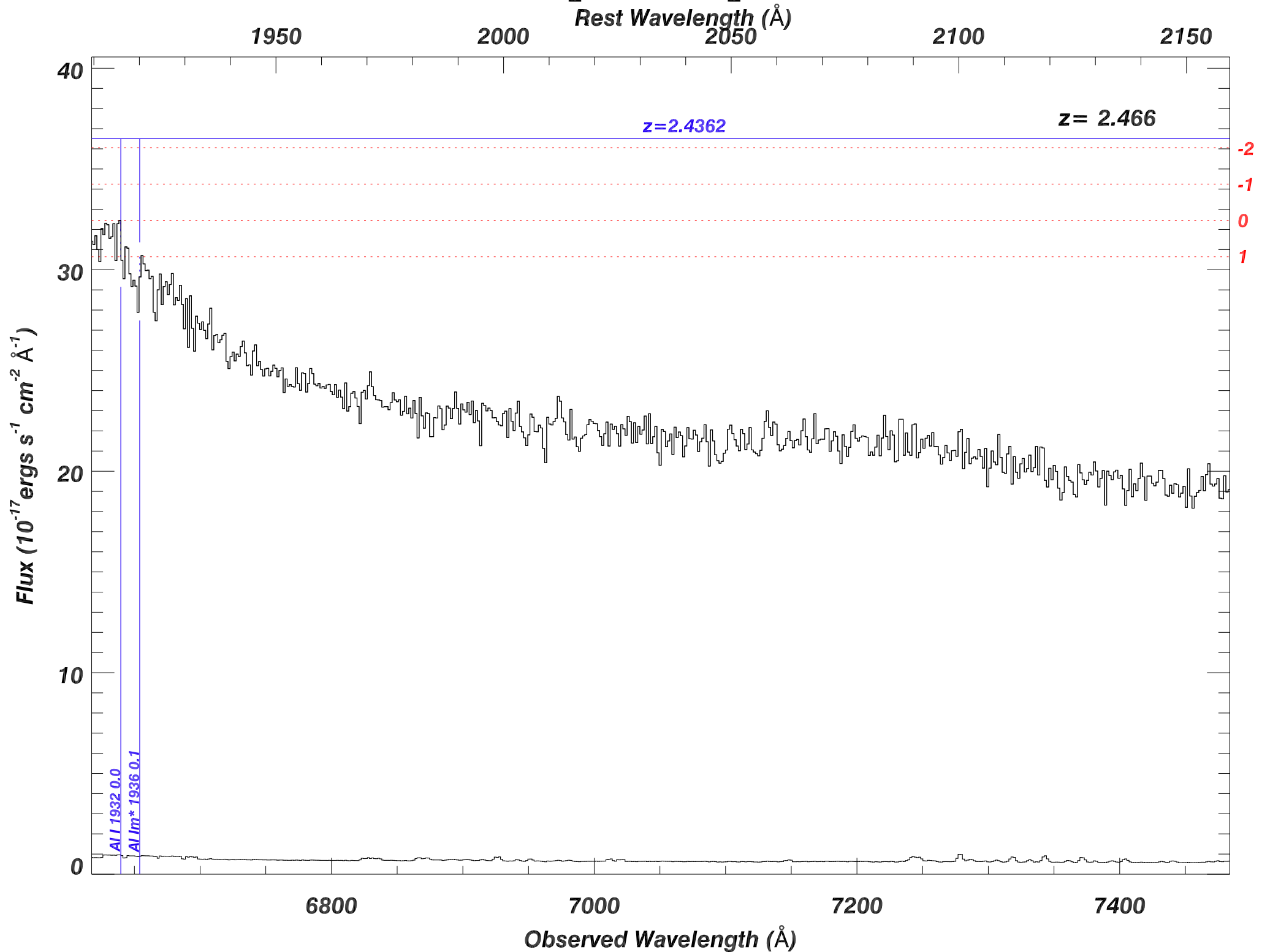
5800

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

# SDSS\_J1029+6223\_MJD56667



# SDSS\_J1029+6223\_MJD56667



# SDSS\_J1029+6223\_MJD56667

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

2150

2200

2250

2300

2350

$z=2.4362$

$z=2.466$

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

25

20

15

10

5

0

-2

-1

0

1

7400

7600

7800

8000

8200

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

Fe II 2344 2.2455

Fe II 2374 2.2455

Fe II 2383 2.2455

Fe III\* 2333 0.4

Fe III\* 2339 0.9

Fe II 2344 0.0

Fe III\* 2349 0.7

Fe III\* 2366 0.4

Fe II 2374 2.4235

Fe II 2374 0.0

Fe II 2383 0.0

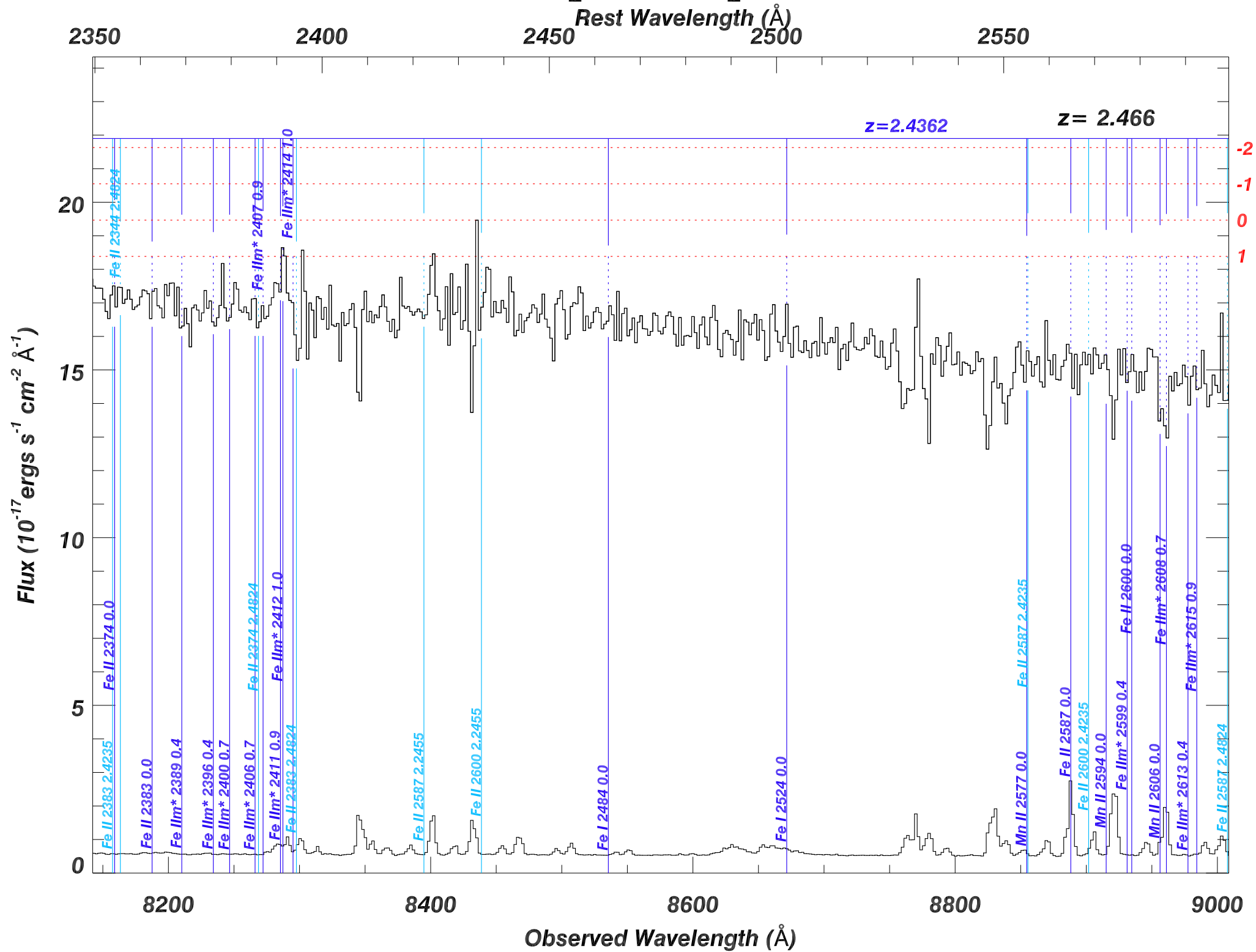
Fe III\* 2389 0.4

Fe III\* 2396 0.4

Fe III\* 2400 0.7

Fe II 2344 2.4624

## SDSS\_J1029+6223\_MJD56667





## SDSS\_J1029+6223\_MJD56667

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

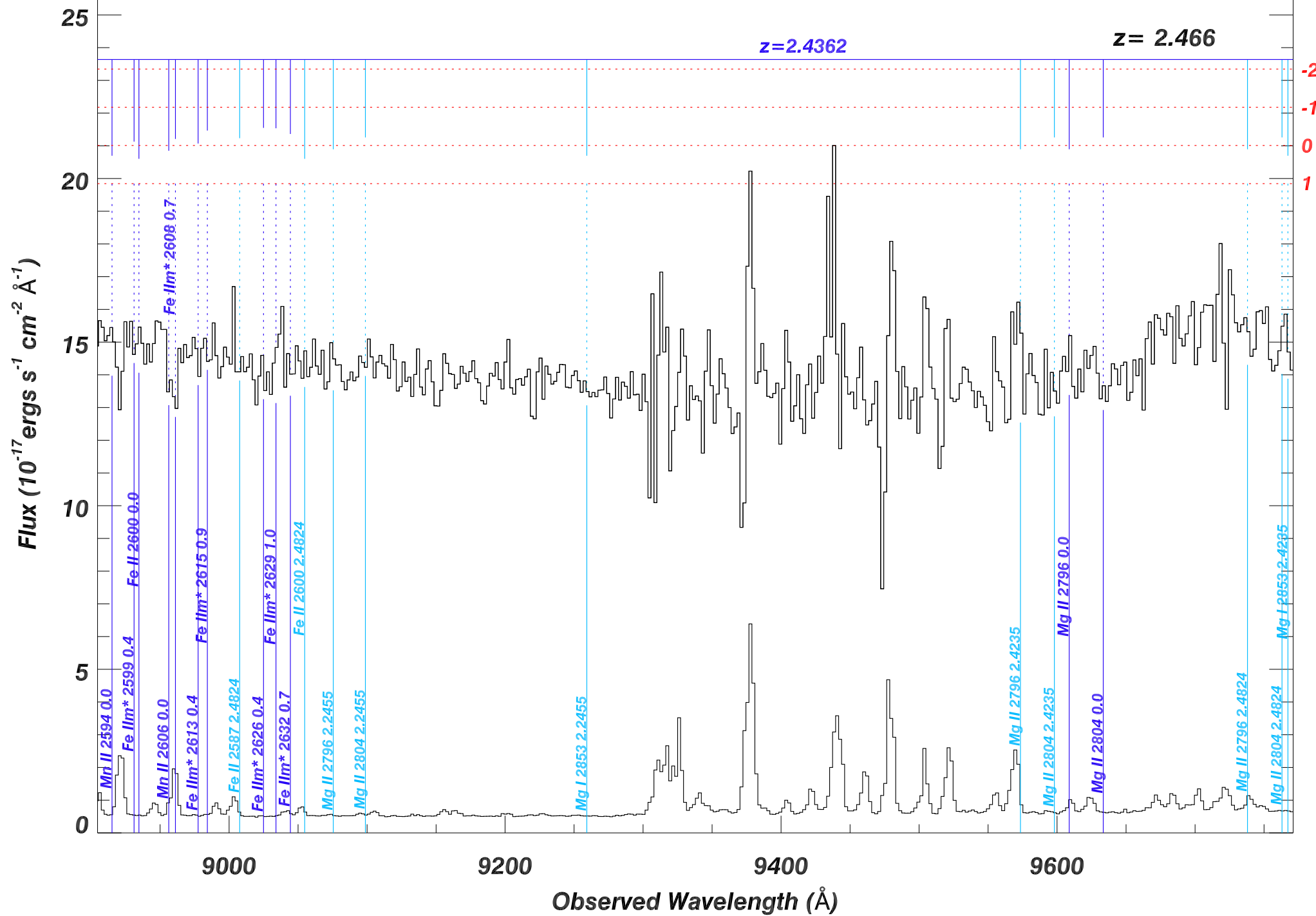
2600

2650

2700

2750

2800



# SDSS\_J1029+6223\_MJD56667

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

2800

2850

2900

2950

3000

