

**SDSS\_J1722+3400\_MJD55739**

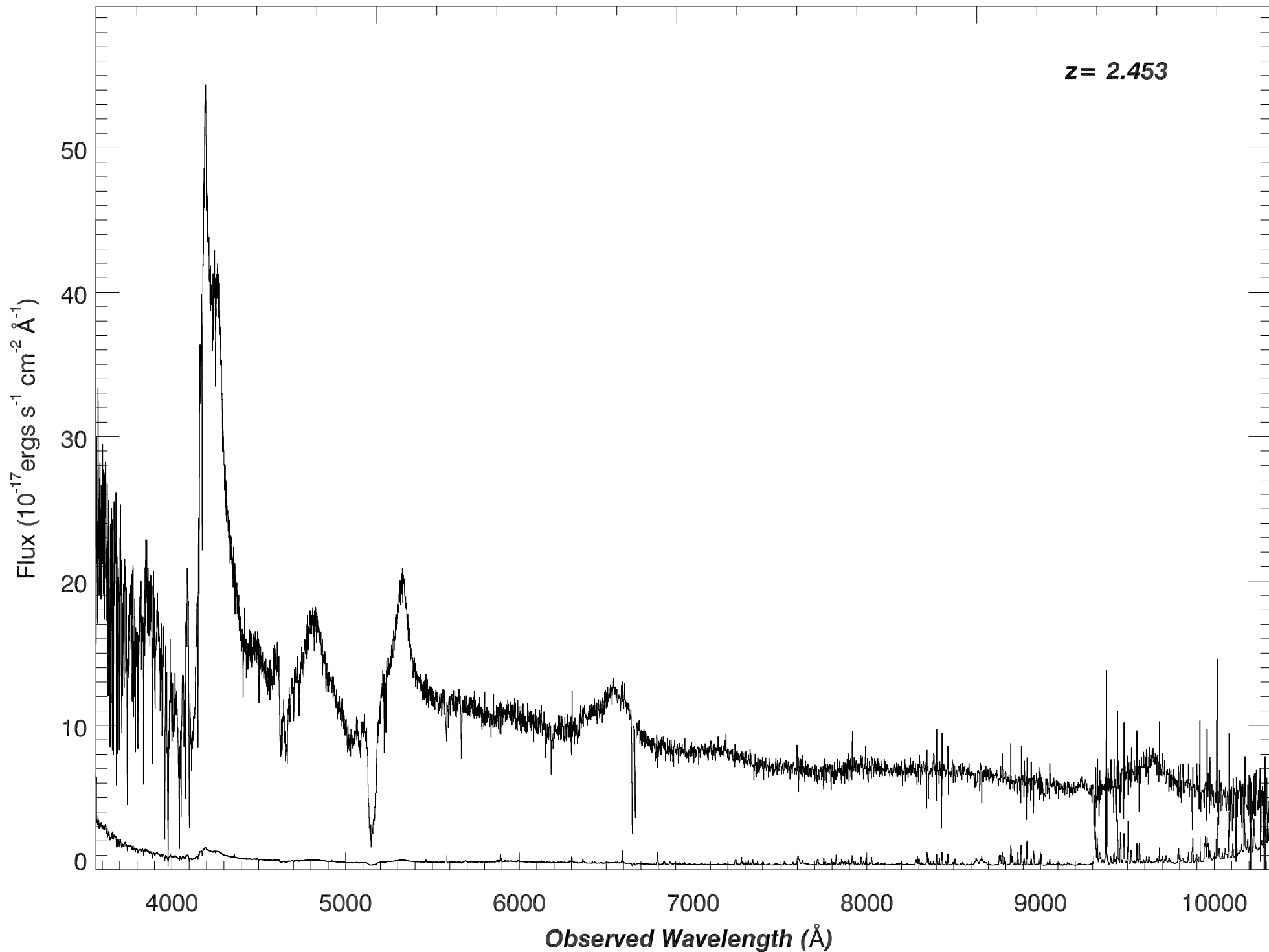
*Rest Wavelength (Å)*

1500

2000

2500

**z = 2.453**



# SDSS\_J1722+3400\_MJD55739

Rest Wavelength (Å)

1050

1100

1150

1200

1250

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

60

50

40

30

20

10

0

-2

-1

0

1

$z=2.3249$

$z=2.453$

C IV 1548 1.3785

P V 1118 0.0

Fe III 1123 0.0

Fe III\* 1125 0.4

Fe III\* 1127 0.7

Fe III\* 1131 0.9

Fe II 1608 1.3785

C III\* 1176 52.4

Si II 1190 0.0

Si III\* 1195 0.3

Si III\* 1197 0.3

Si III\* 1193 0.0

Al II 1671 1.3785

H I 1216 2.2785

Si III 1207 0.0

H I 1216 0.0

N V 1239 2.2785

N V 1243 2.2785

H I 1216 2.3735

N V 1239 0.0

Si II 1260 2.2785

N V 1243 0.0

N V 1239 2.3735

N V 1243 2.3735

Si III\* 1265 0.3

C I 1277 0.0

C I\* 1278 0.04

Si II 1260 2.3735

O I 1302 0.0

Si III\* 1309 0.3

C II 1335 2.2785

Si II 1304 0.0

Al III 1855 1.3785

3600

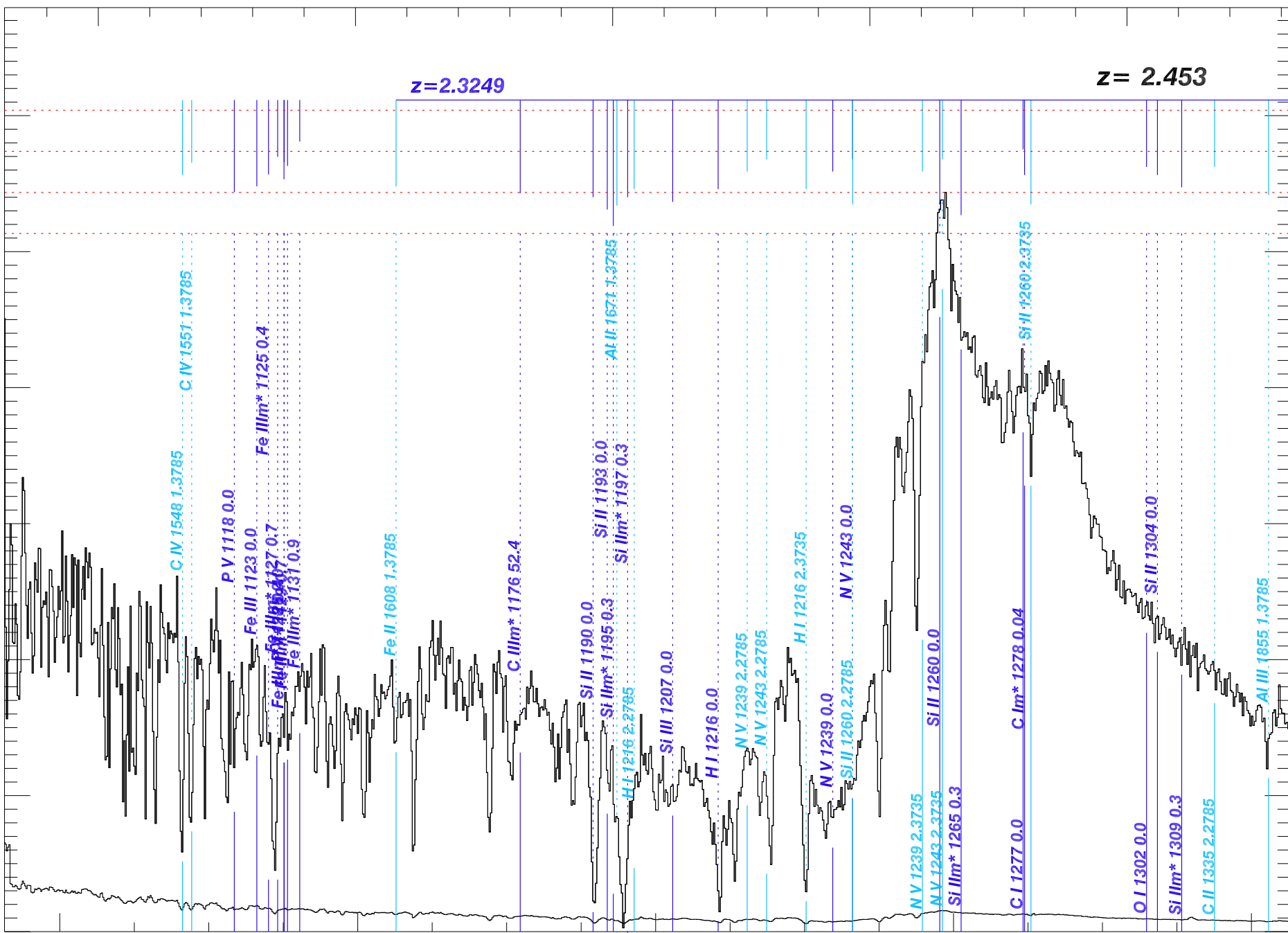
3800

4000

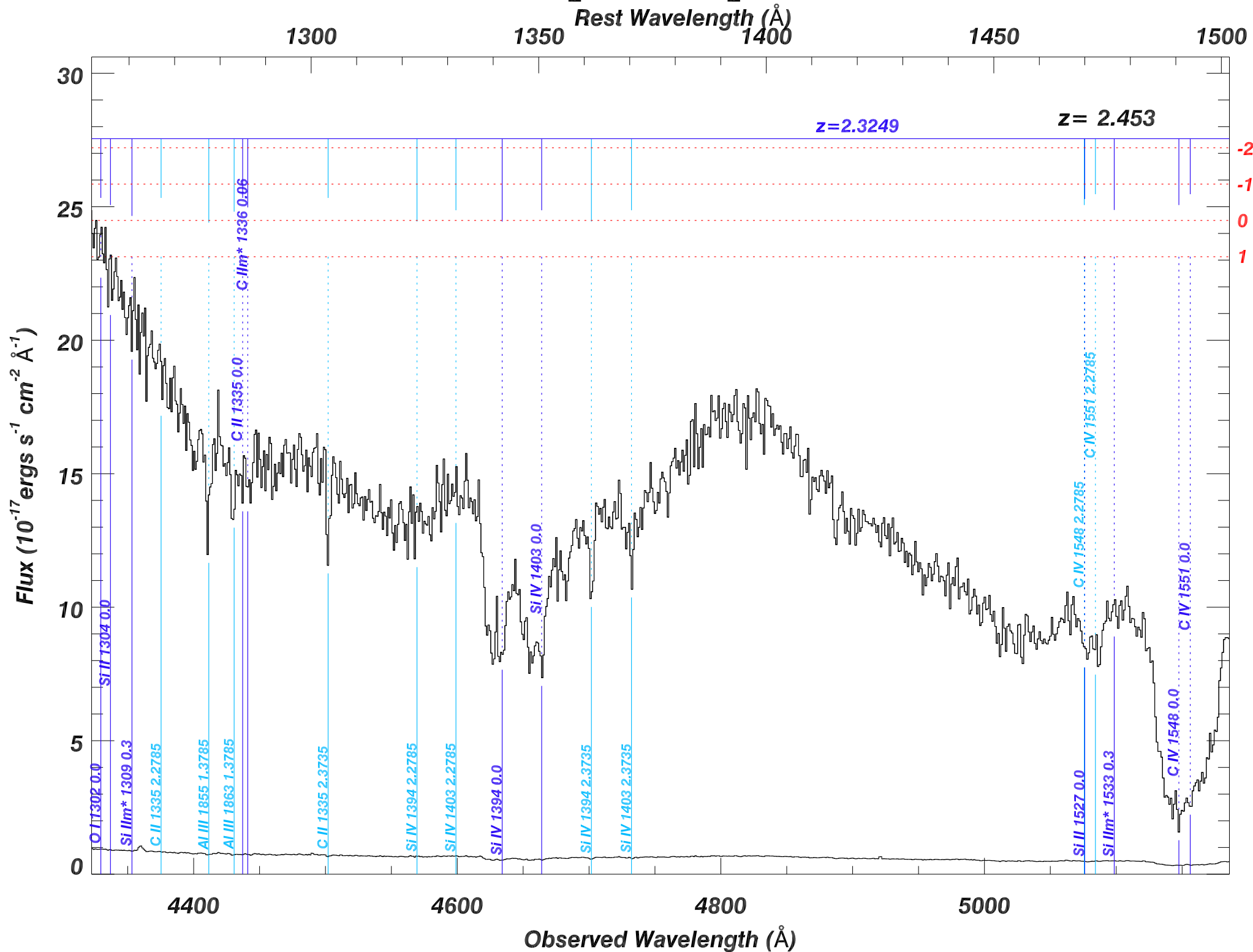
4200

4400

Observed Wavelength (Å)



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

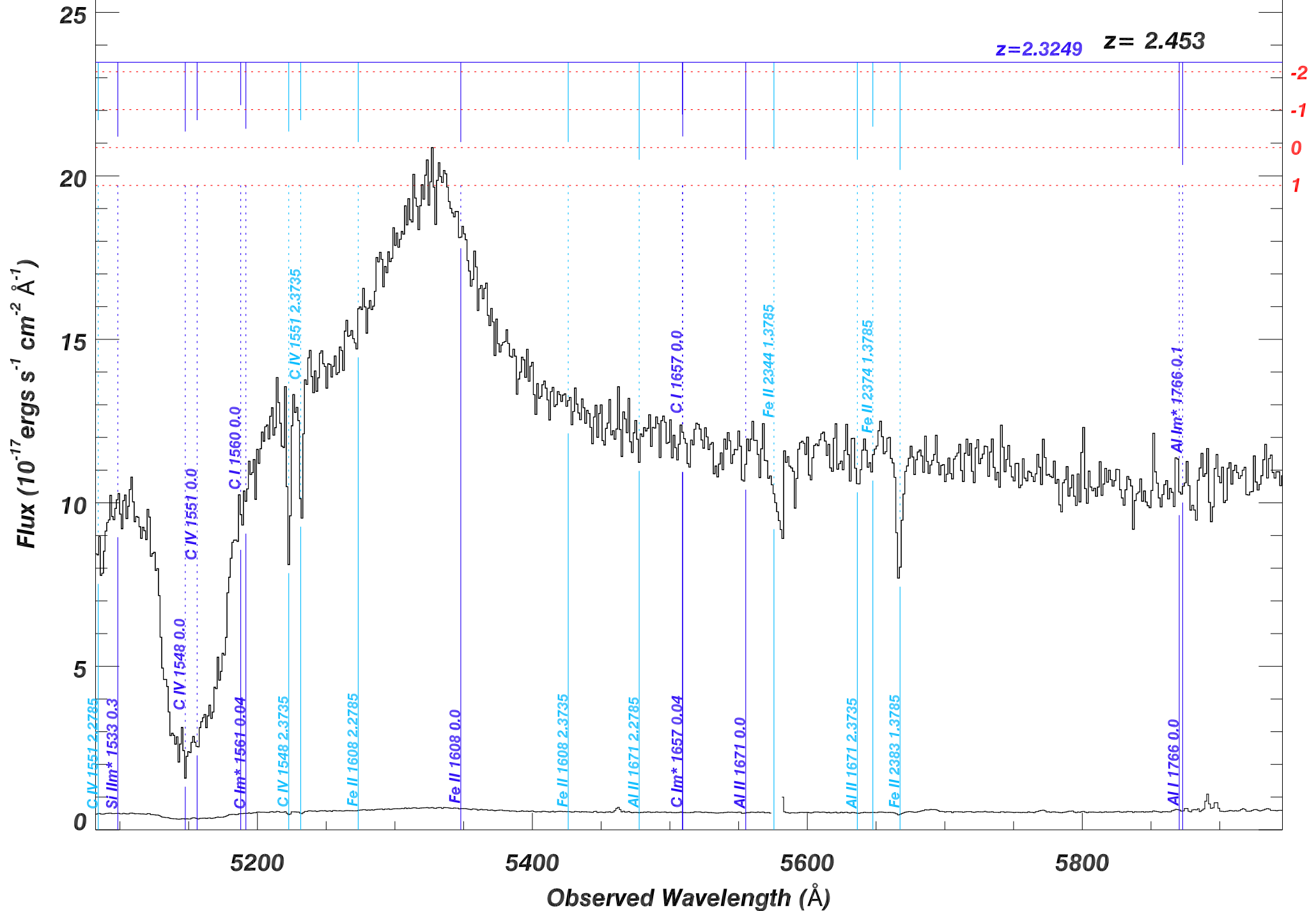
1500

1550

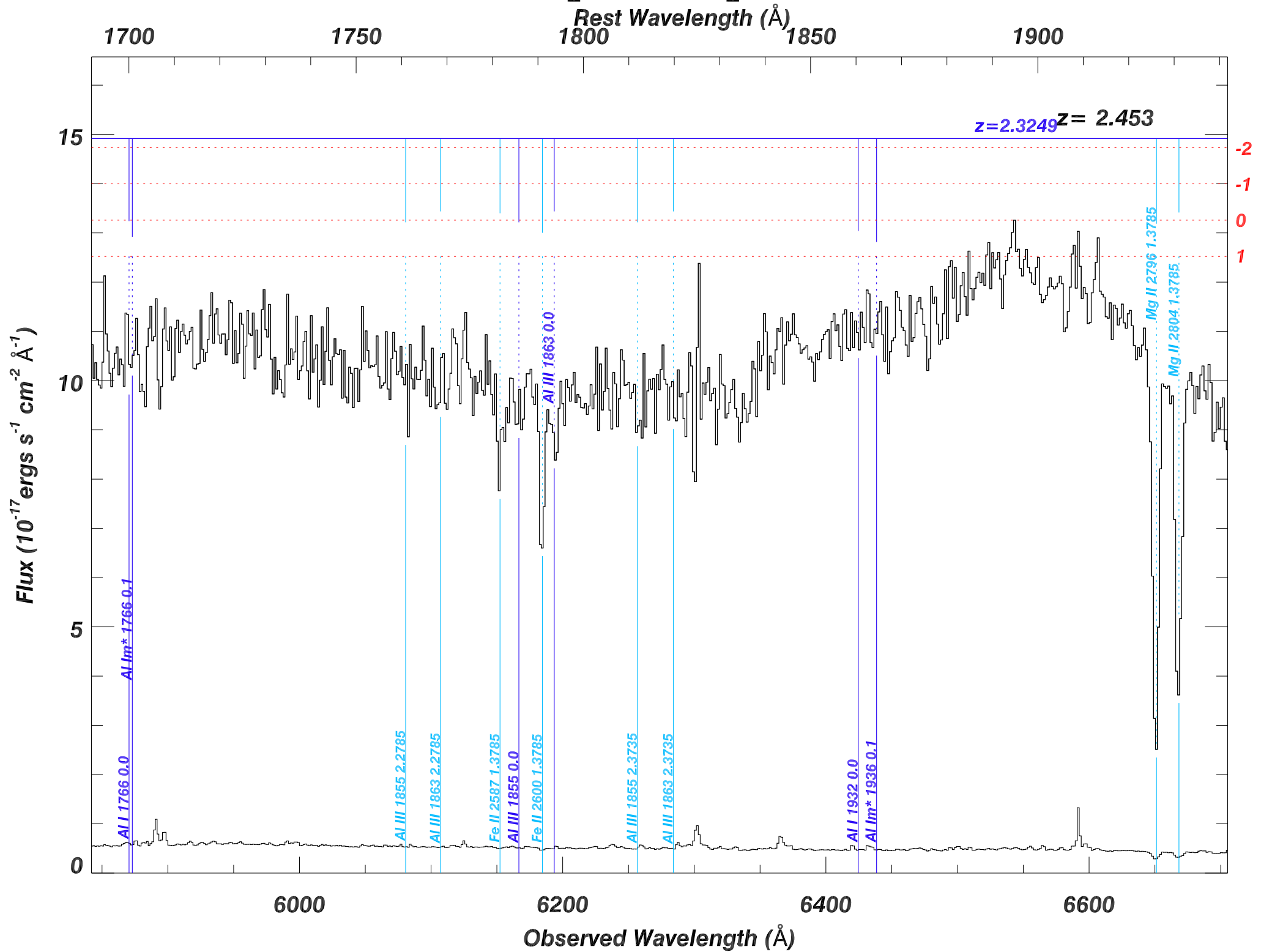
1600

1650

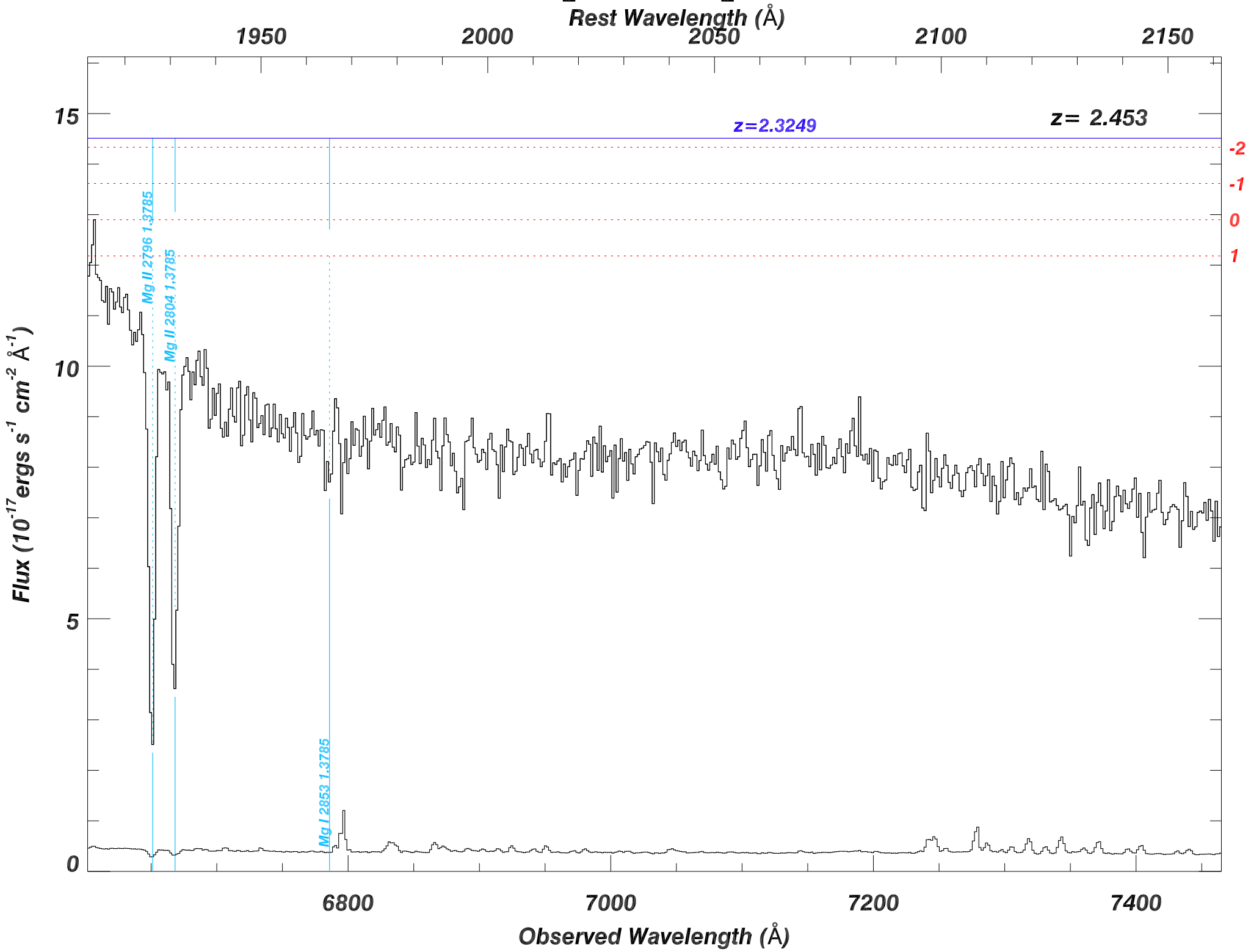
1700



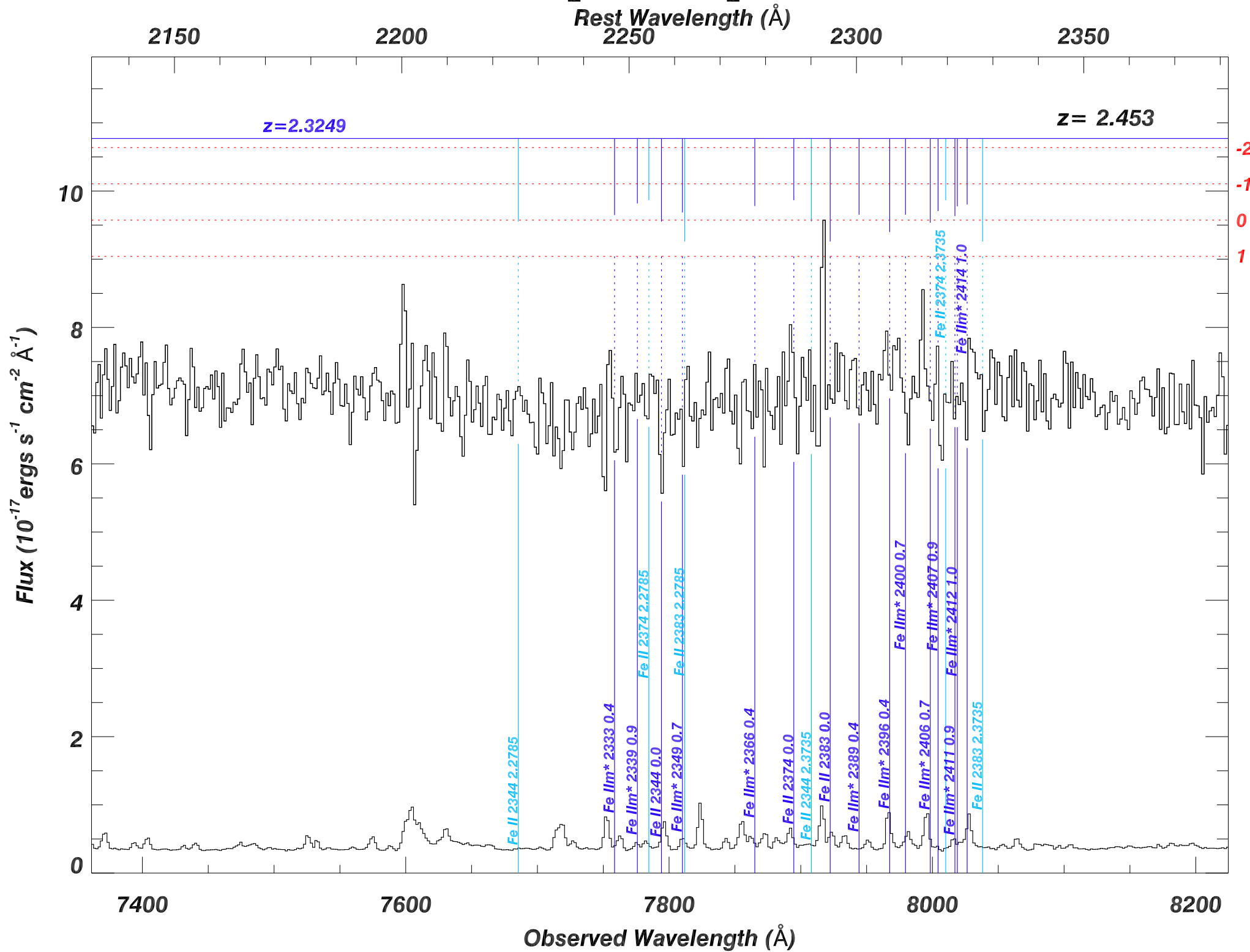
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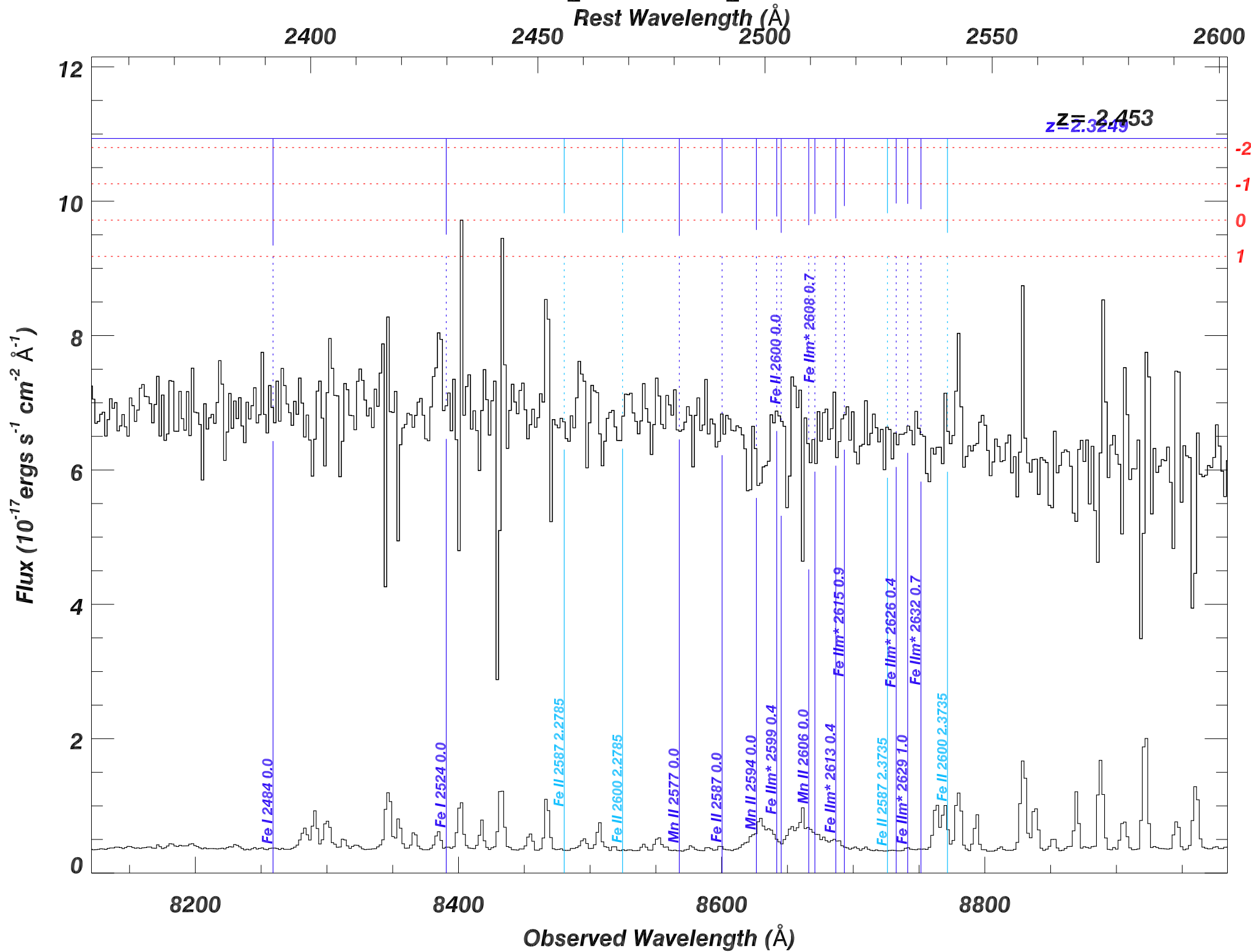
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# SDSS\_J1722+3400\_MJD55739





# SDSS\_J1722+3400\_MJD55739

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

2600

2650

2700

2750

2800

$z=2.3249$

$z=2.453$

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

15

10

5

0

-2

-1

0

1

9000

9200

9400

9600

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

Mg II 2796 2.2785

Mg II 2804 2.2785

Mg II 2796 0.0

Mg II 2804 0.0

Mg I 2853 2.2785

Ca II 3935 1.3785

Mg II 2796 2.3735

Ca II 3970 1.3785

Mg II 2804 2.3735

Mg I 2853 0.0

Mg I 2853 2.3735

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