

SDSS J1124+5502
1600 1800

1000

1200

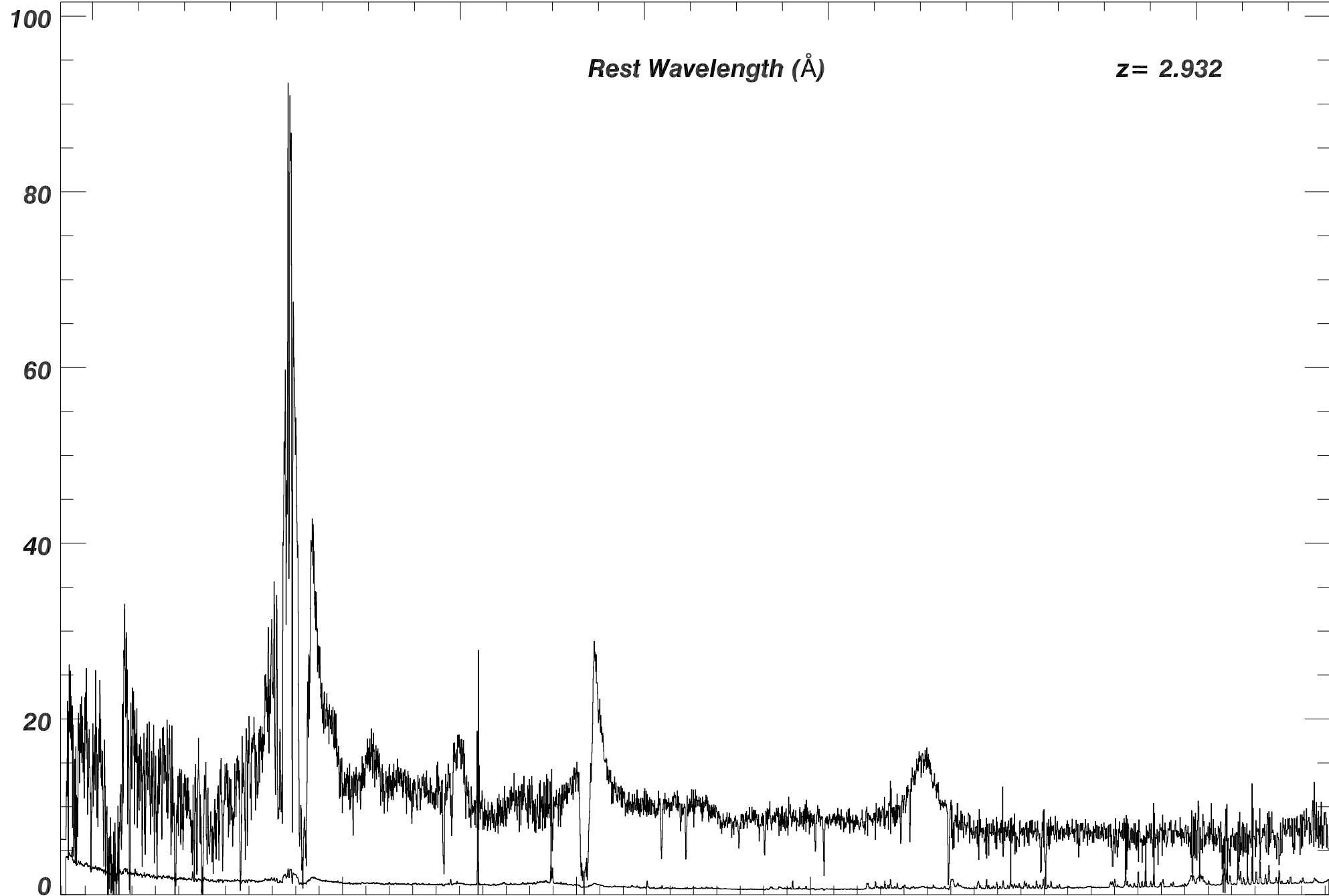
1400

2000

2200

Rest Wavelength (Å)

z = 2.932



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

4000

5000

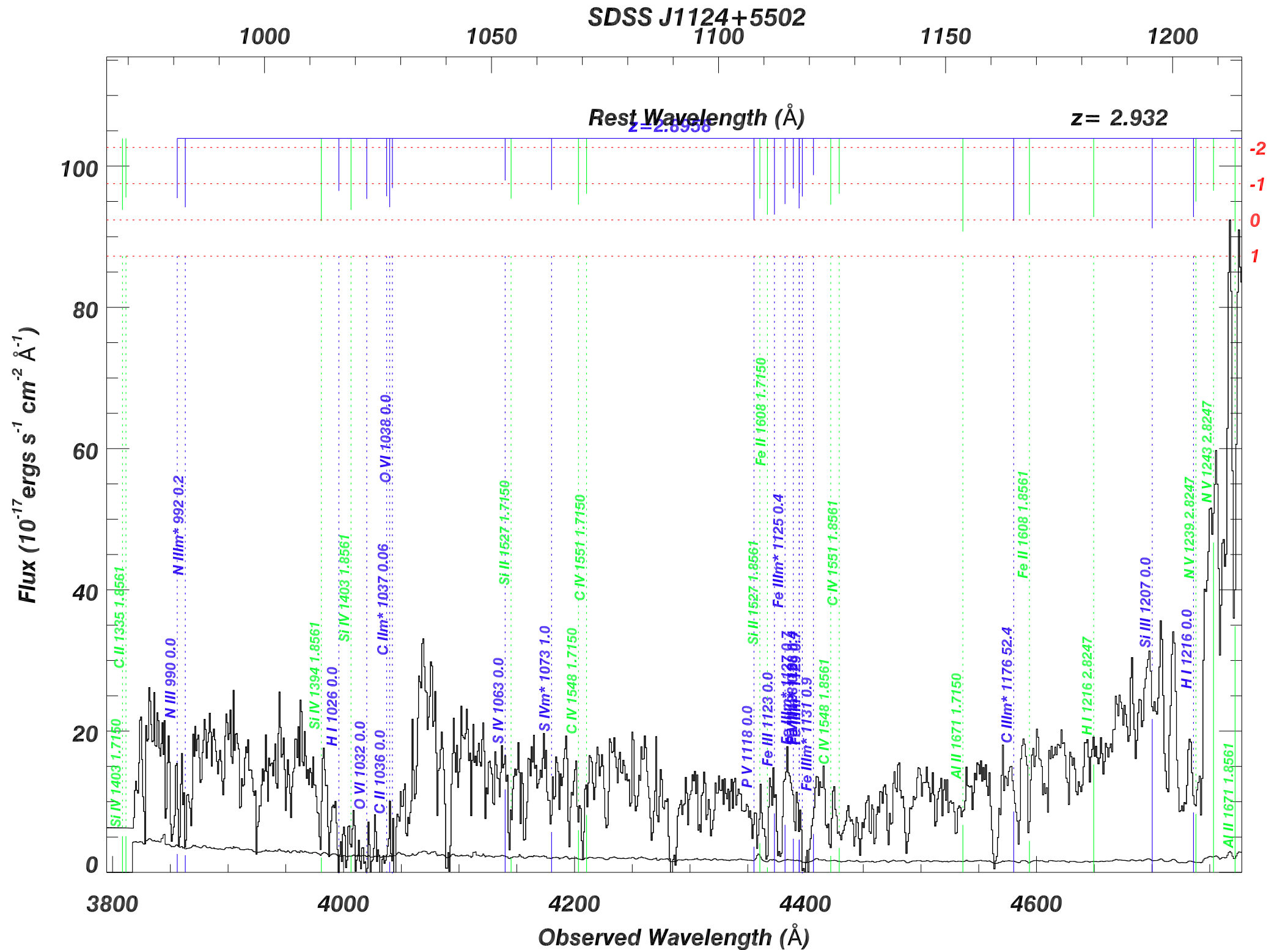
6000

7000

8000

9000

Observed Wavelength (Å)



SDSS J1124+5502
1300

1200

1250

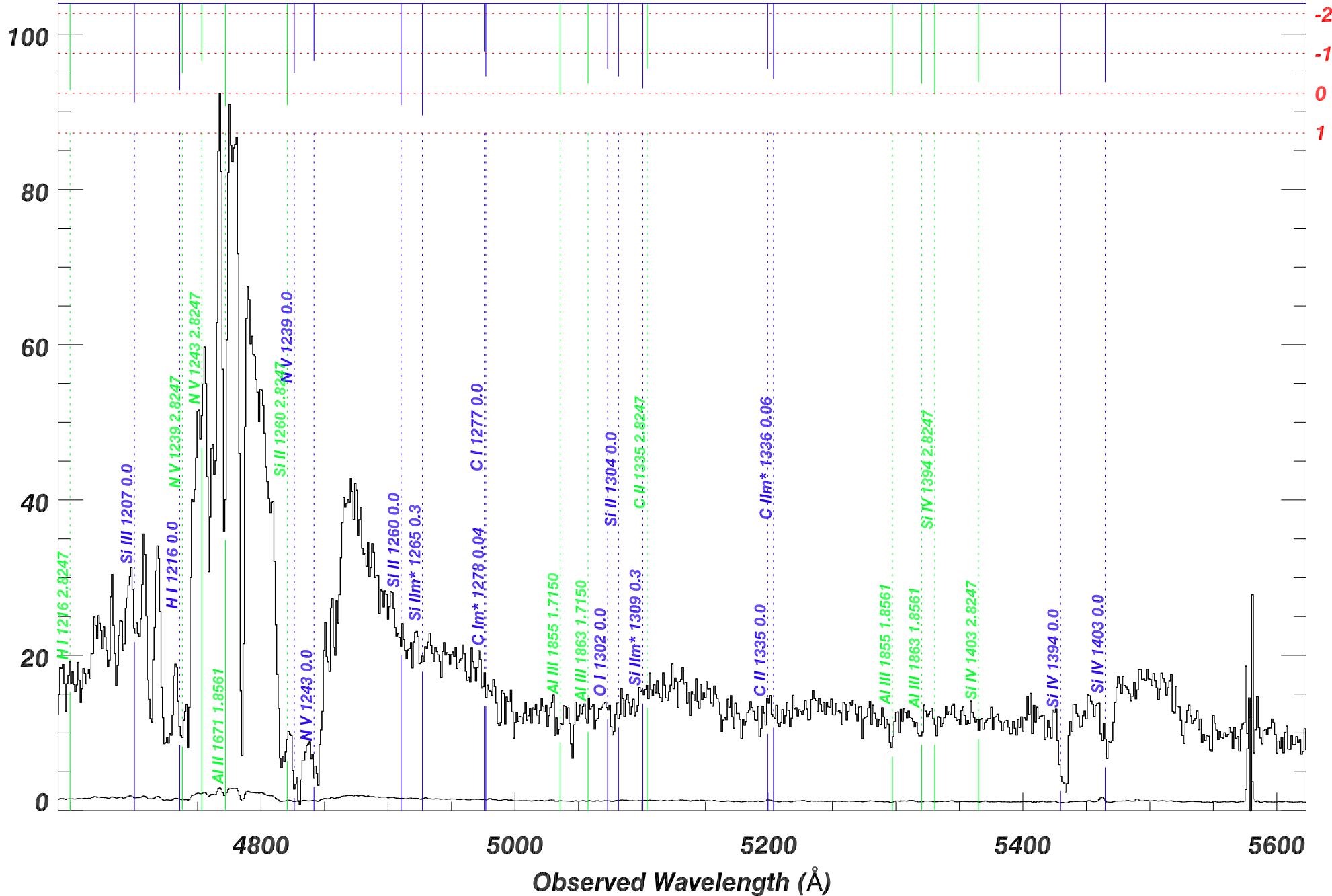
1350

1400

Rest Wavelength (Å)

$z = 2.932$
 $z = 2.6958$

Flux (10^{-17} ergs s^{-1} cm^{-2} Å $^{-1}$)



SDSS J1124+5502

1400

1450

1500

1550

1600

$z=2.8958$

Rest Wavelength (\AA)

$z= 2.932$

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

30

20

10

0

-2

-1

0

1

Na I

O I

5600

5800

6000

6200

6400

Observed Wavelength (\AA)

Si II 1527 2.8247

C IV 1551 2.8247

Si II 1527 0.0

Si II m* 1533 0.3

C IV 1548 0.0

C IV 1551 0.0

C I 1560 0.0

C I m* 1567 0.0

Fe II 1608 2.8247

Fe II 1608 0.0

Fe II 2344 1.7150

Al II 1671 2.8247

Fe II 2374 1.7150

C I 1657 0.0

C I m* 1657 0.04

Fe II 2388 1.7150

