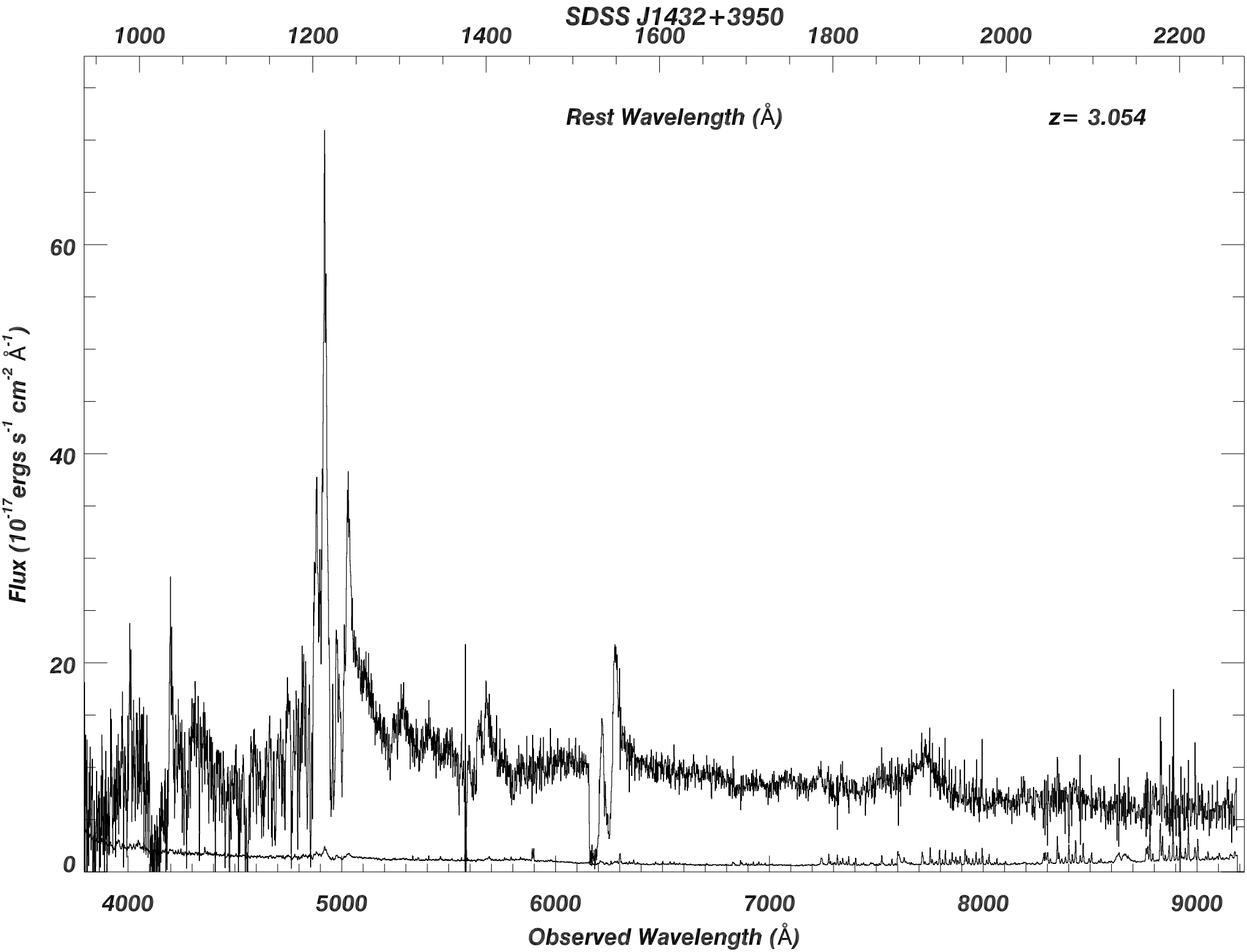
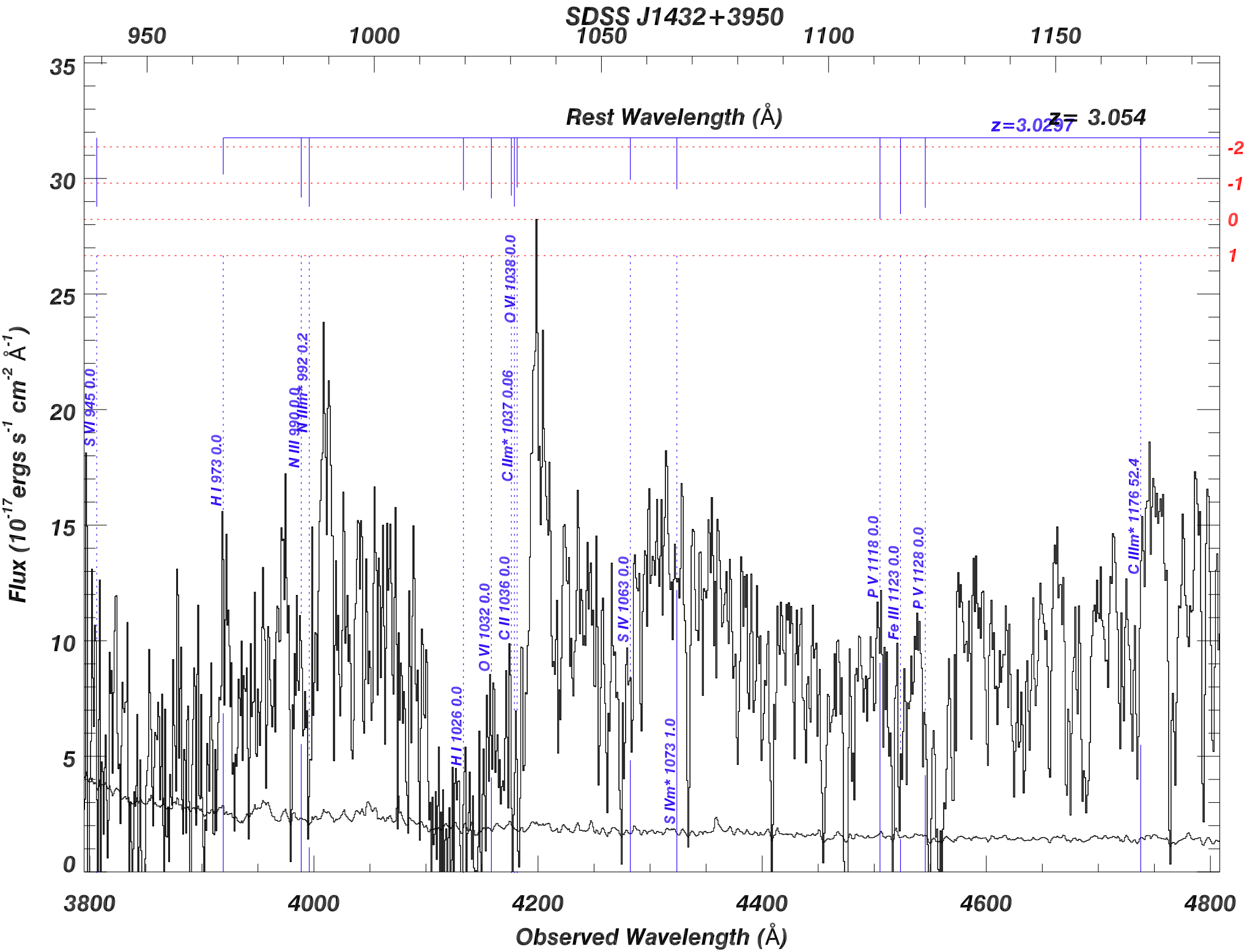
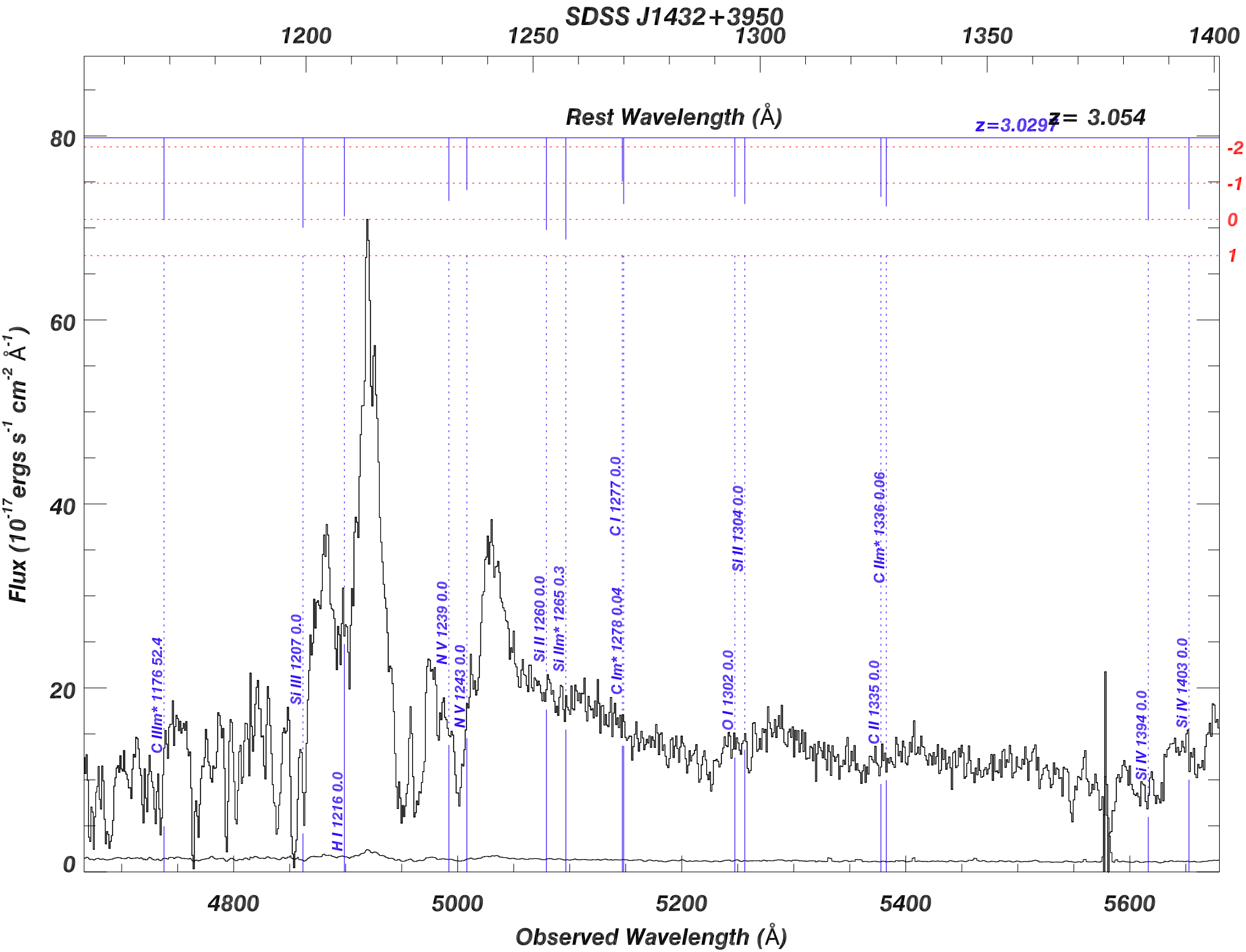
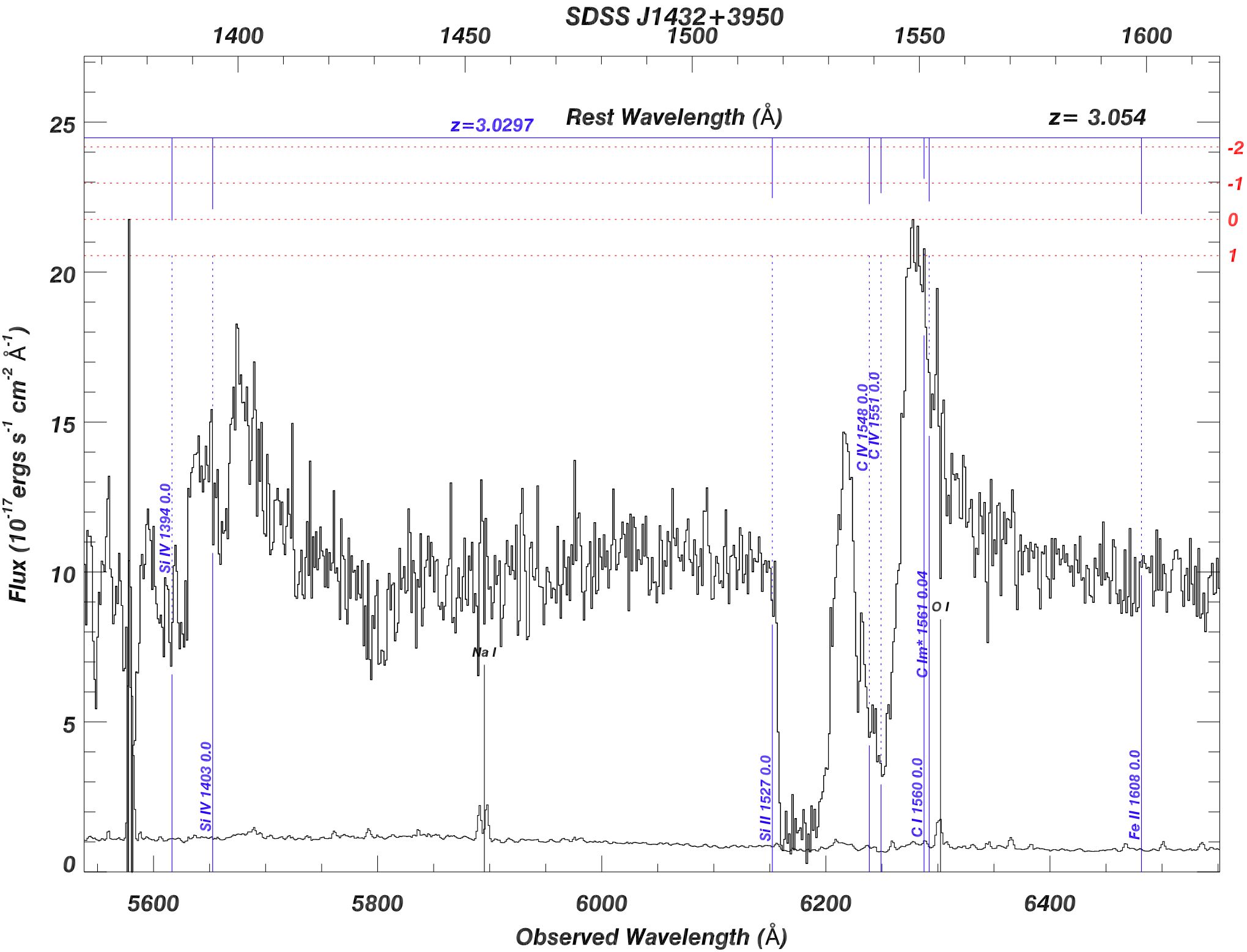
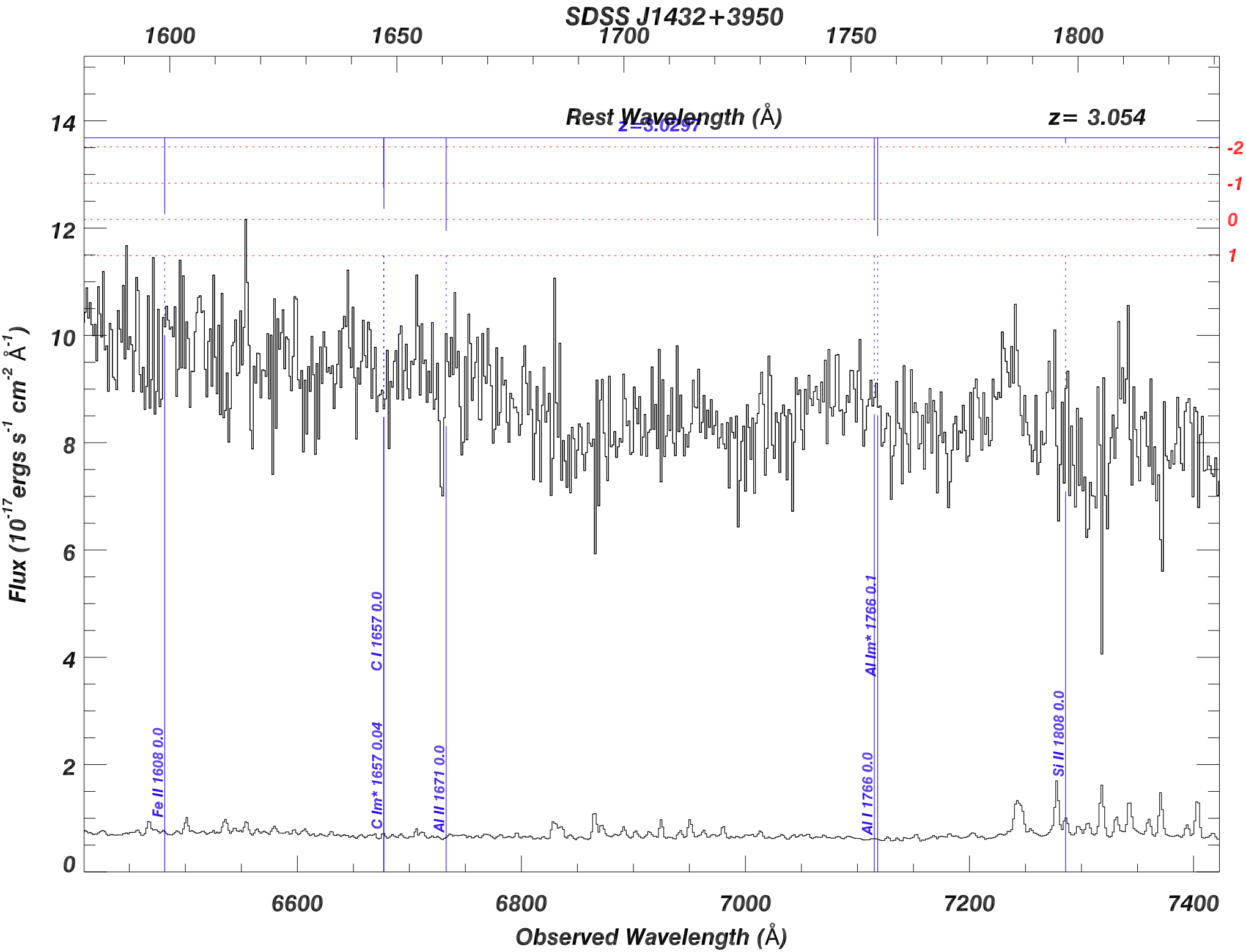
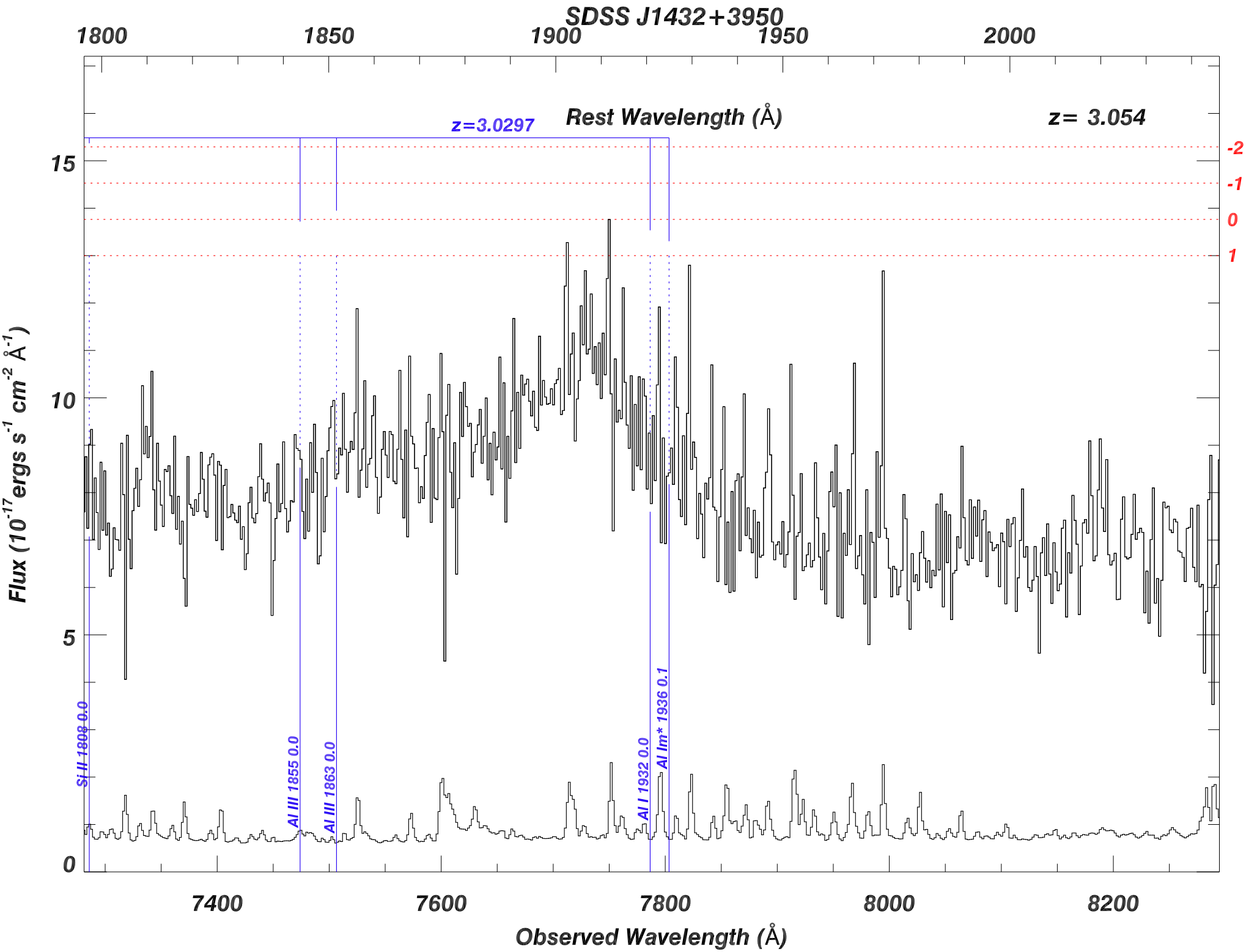

SDSS J1432+3950
1000
1200
1400
1600
1800
2000
2200
Rest Wavelength (Å)
z= 3.054
60
40
20
0
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
4000
5000
6000
7000
8000
9000
Observed Wavelength (Å)

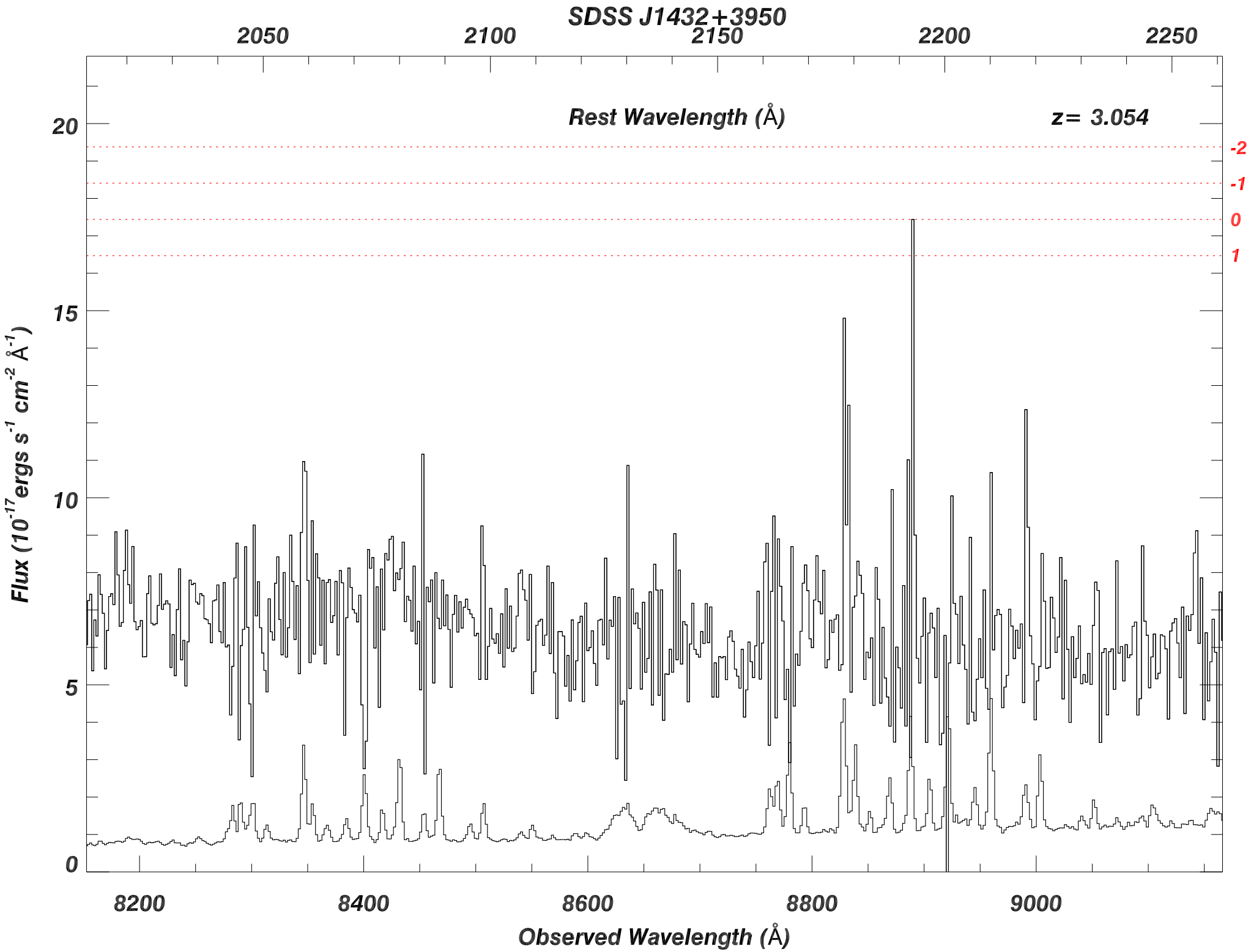

SDSS J1432+3950
Rest Wavelength (Å)
z=3.0297
z= 3.054
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
S VI 945 0.0
H I 973 0.0
N III 990 0.0
N IIIm* 992 0.2
H I 1026 0.0
O VI 1032 0.0
C II 1036 0.0
C IIm* 1037 0.06
O VI 1038 0.0
S IV 1063 0.0
S IVm* 1073 1.0
P V 1118 0.0
Fe III 1123 0.0
P V 1128 0.0
C IIIm* 1176 52.4


SDSS J1432+3950
Rest Wavelength (Å)
z=3.0297
z= 3.054
1200
1250
1300
1350
1400
-2
-1
0
1
80
60
40
20
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
C IIIm* 1176 52.4
Si III 1207 0.0
H I 1216 0.0
N V 1239 0.0
N V 1243 0.0
Si II 1260 0.0
Si IIm* 1265 0.3
C I 1277 0.0
C Im* 1278 0.04
O I 1302 0.0
Si II 1304 0.0
C II 1335 0.0
C IIm* 1336 0.06
Si IV 1394 0.0
Si IV 1403 0.0
4800
5000
5200
5400
5600
Observed Wavelength (Å)


SDSS J1432+3950
Rest Wavelength (Å)
z=3.0297
z= 3.054
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
Si IV 1394 0.0
Si IV 1403 0.0
Na I
Si II 1527 0.0
C IV 1548 0.0
C IV 1551 0.0
C I m* 1561 0.04
O I
C I 1560 0.0
Fe II 1608 0.0


SDSS J1432+3950
Rest Wavelength (Å)
z= 3.054
z=3.0297
1600
1650
1700
1750
1800
-2
-1
0
1
Fe II 1608 0.0
C I 1657 0.0
C Im* 1657 0.04
Al II 1671 0.0
Al Im* 1766 0.1
Al I 1766 0.0
Si II 1808 0.0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
2
4
6
8
10
12
14
6600
6800
7000
7200
7400
Observed Wavelength (Å)


SDSS J1432+3950
Rest Wavelength (Å)
z= 3.054
z=3.0297
1800
1850
1900
1950
2000
-2
-1
0
1
15
10
5
0
Si II 1808 0.0
Al III 1855 0.0
Al III 1863 0.0
Al I 1932 0.0
Al Im* 1936 0.1
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
7400
7600
7800
8000
8200
Observed Wavelength (Å)


SDSS J1432+3950
2050
2100
2150
2200
2250
Rest Wavelength (Å)
z= 3.054
-2
-1
0
1
20
15
10
5
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
8200
8400
8600
8800
9000
Observed Wavelength (Å)