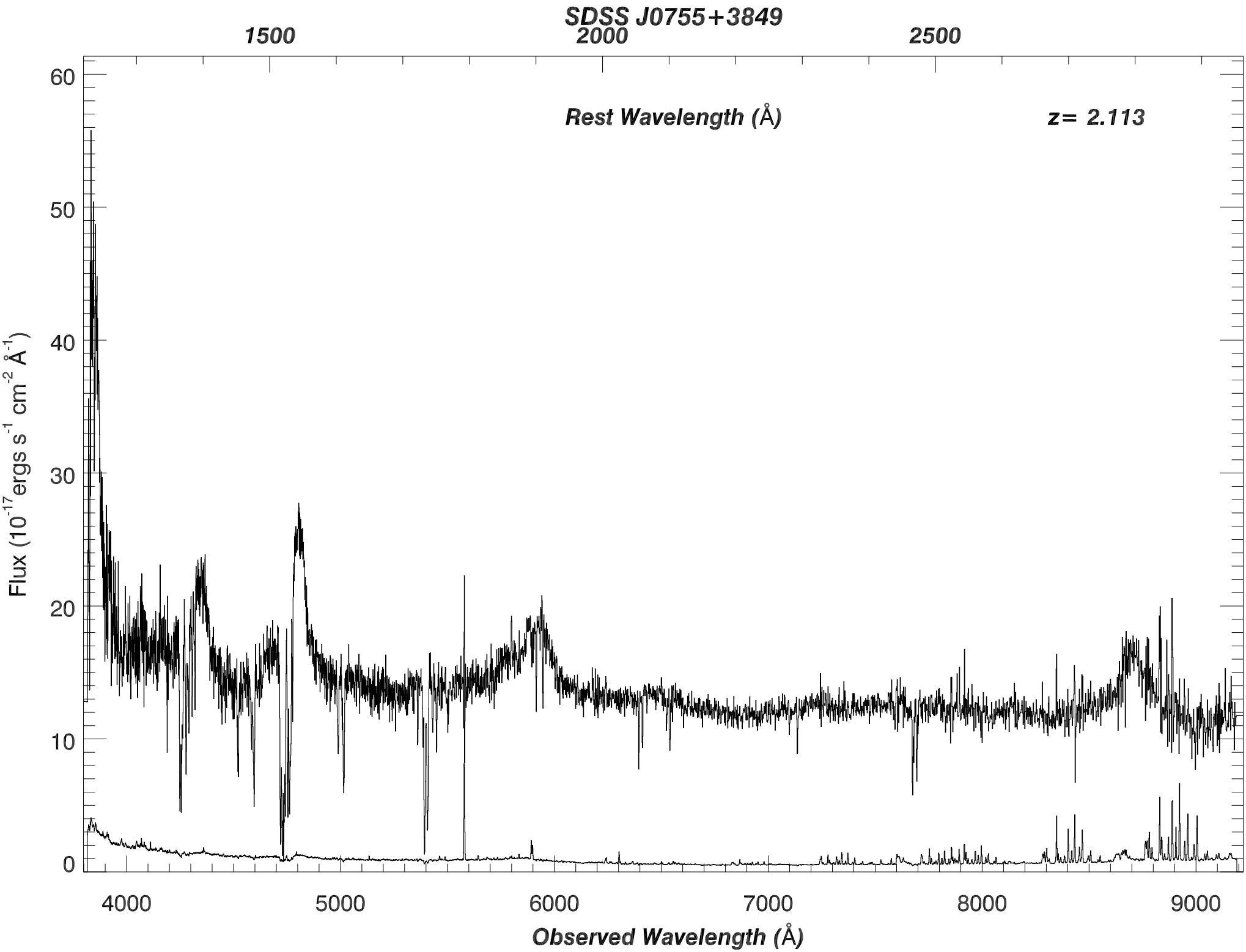
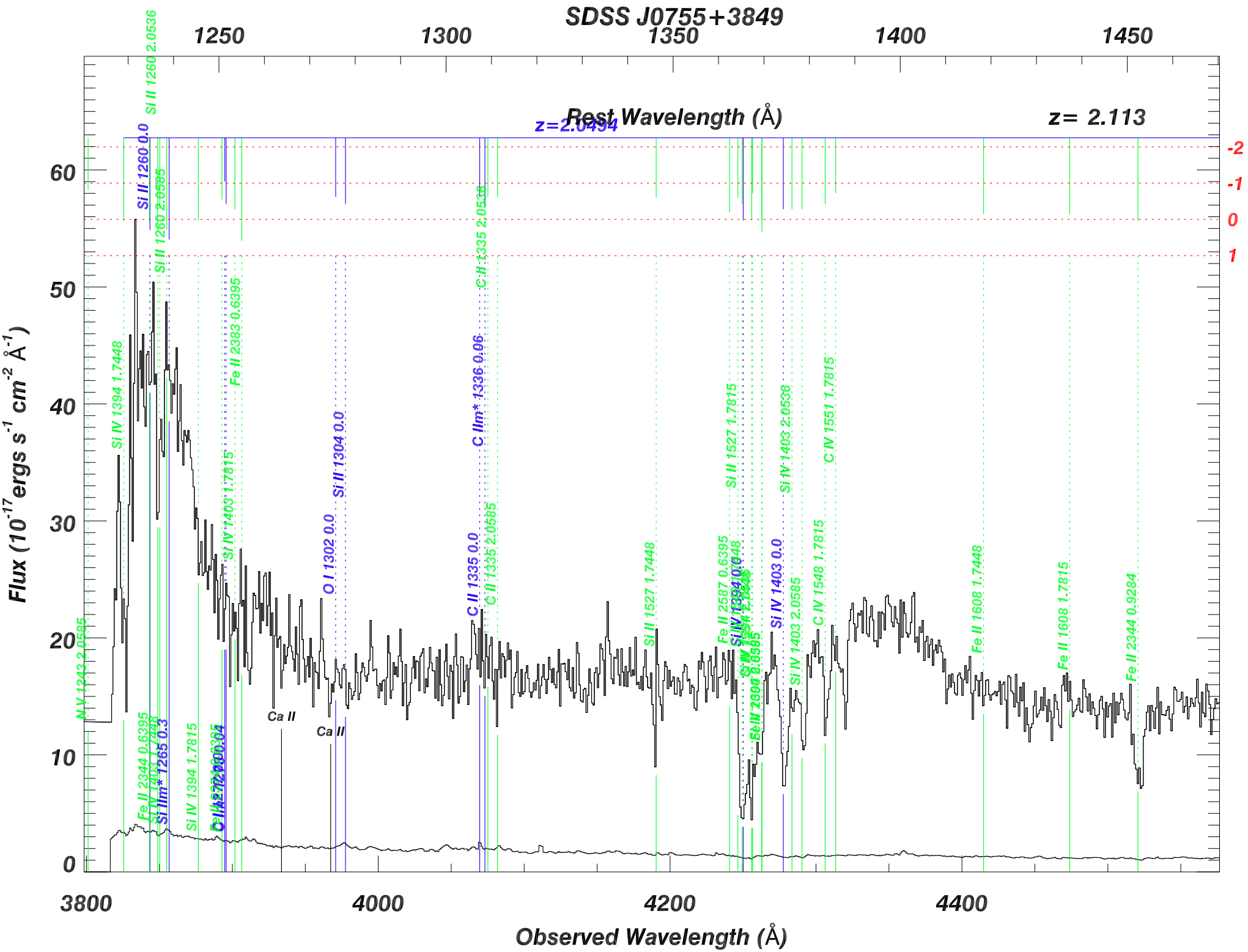
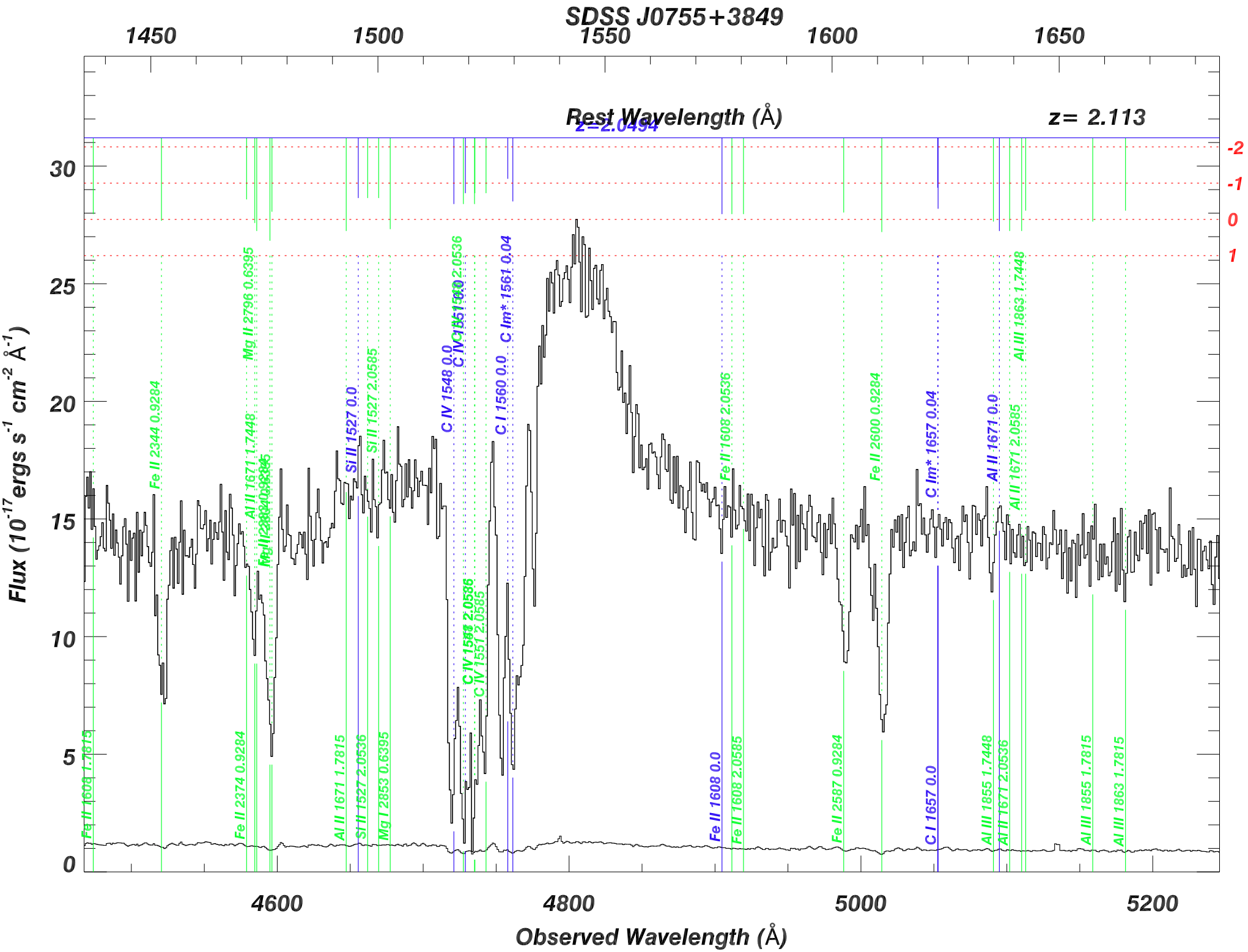
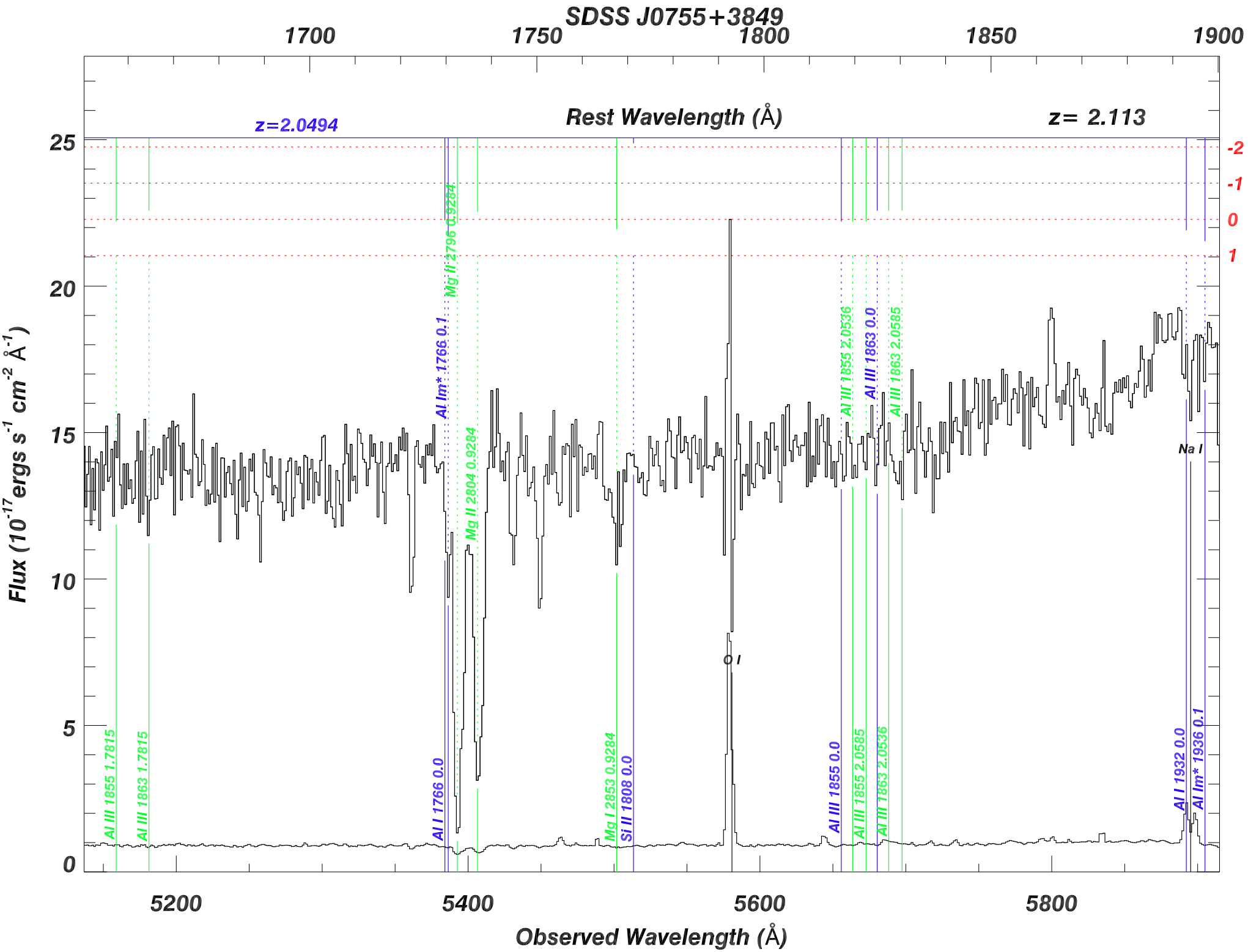
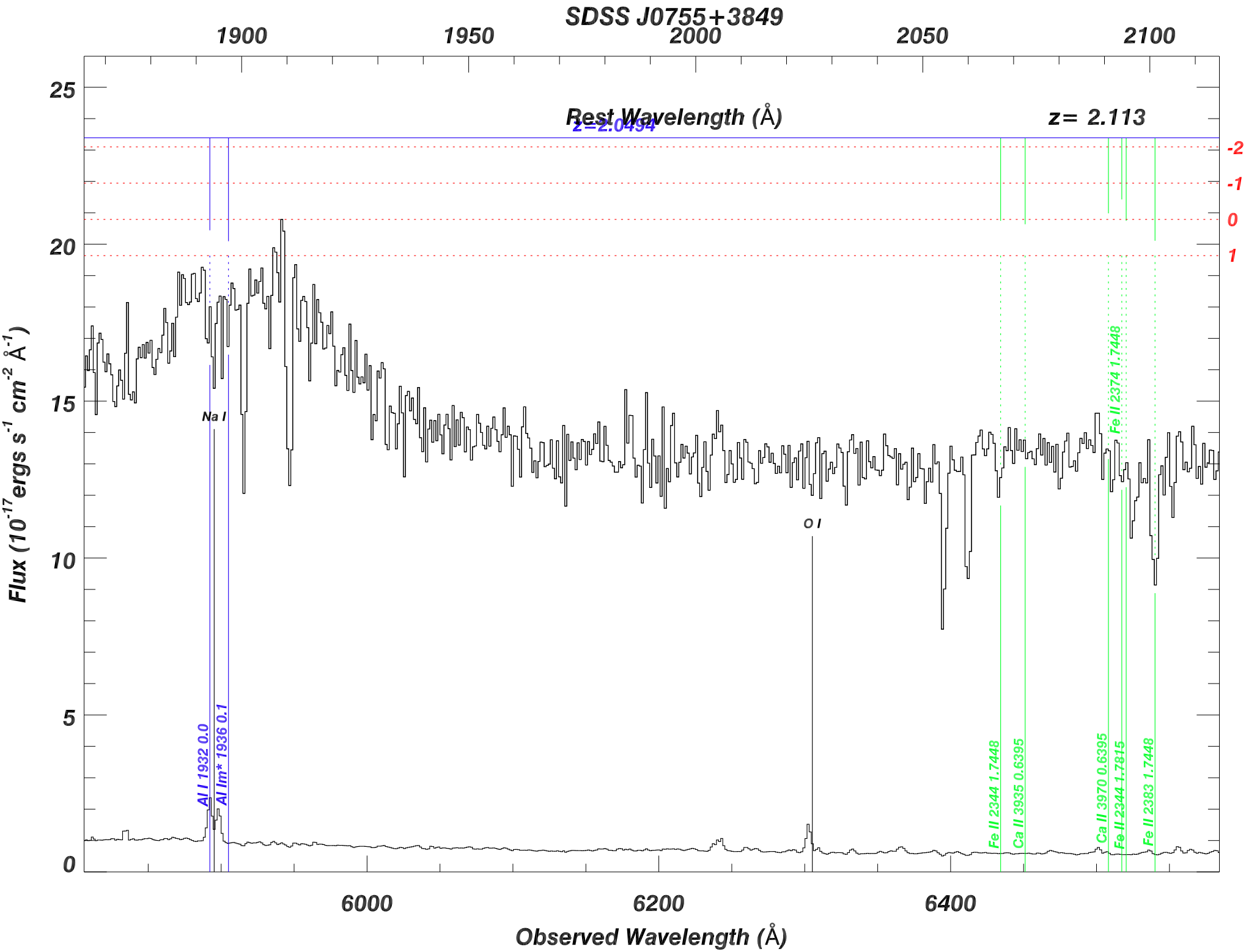
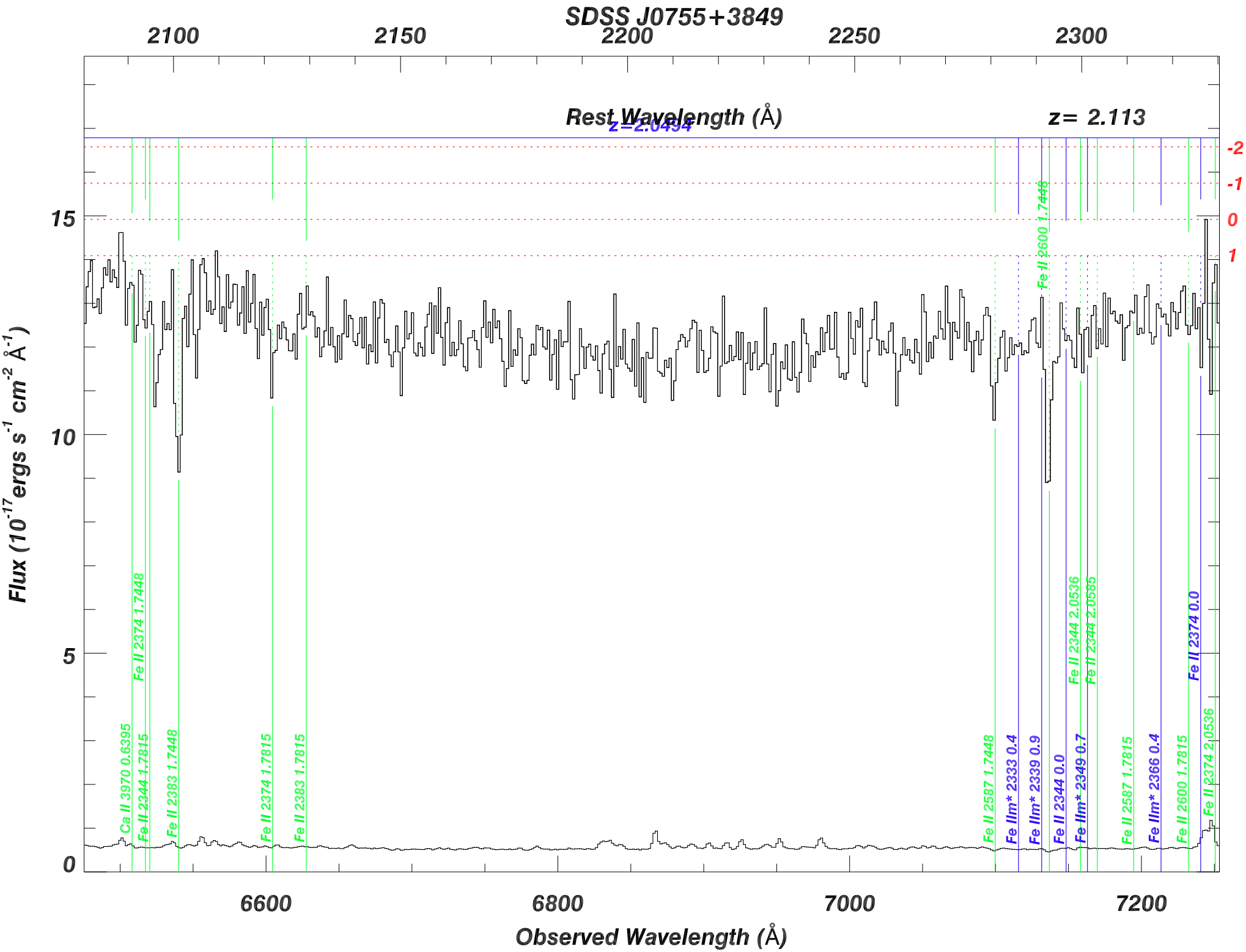

SDSS J0755+3849
1500
2000
2500
Rest Wavelength (Å)
z= 2.113
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
10
20
30
40
50
60
4000
5000
6000
7000
8000
9000
Observed Wavelength (Å)

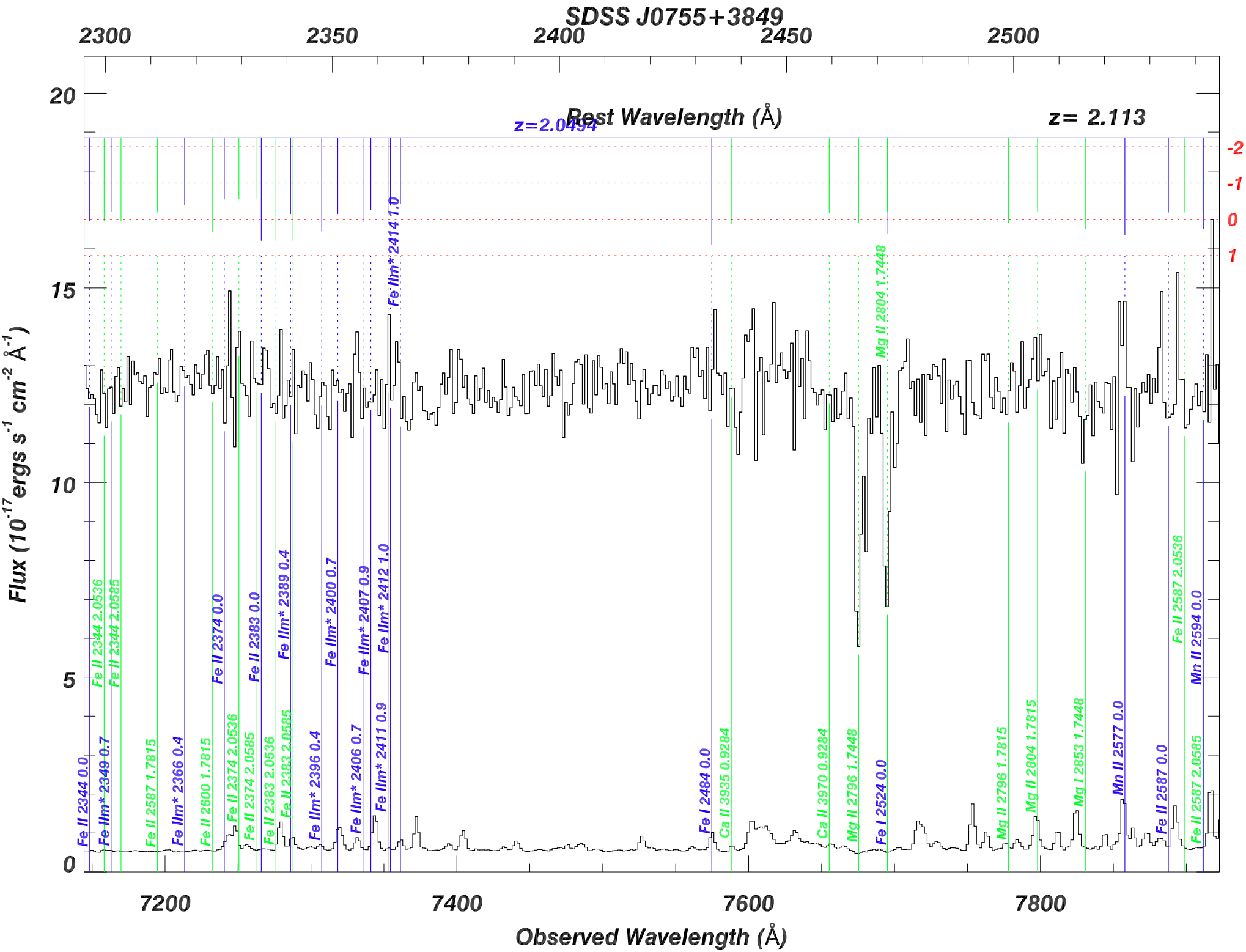

SDSS J0755+3849
Rest Wavelength (Å)
z= 2.113
z=2.0494
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
1250
1300
1350
1400
1450
3800
4000
4200
4400
0
10
20
30
40
50
60
-2
-1
0
1
Si II 1260 2.0536
Si II 1260 0.0
Si II 1260 2.0585
Si II 1260 0.3
Si IV 1394 1.7448
Si IV 1403 1.7815
Fe II 2383 0.6395
Si II 1304 0.0
O I 1302 0.0
C II 1335 2.0536
C II* 1336 0.06
C II 1335 0.0
C II 1335 2.0585
Si II 1527 1.7815
Si II 1527 1.7448
Fe II 2587 0.6395
Si IV 1403 2.0536
Si IV 1403 0.0
Si IV 1403 2.0585
C IV 1551 1.7815
C IV 1548 1.7815
Fe II 1608 1.7448
Fe II 1608 1.7815
Fe II 2344 0.9284
N V 1243 2.0585
Fe II 2344 0.6395
Si II* 1265 0.3
Si IV 1394 1.7815
Ca II
Ca II

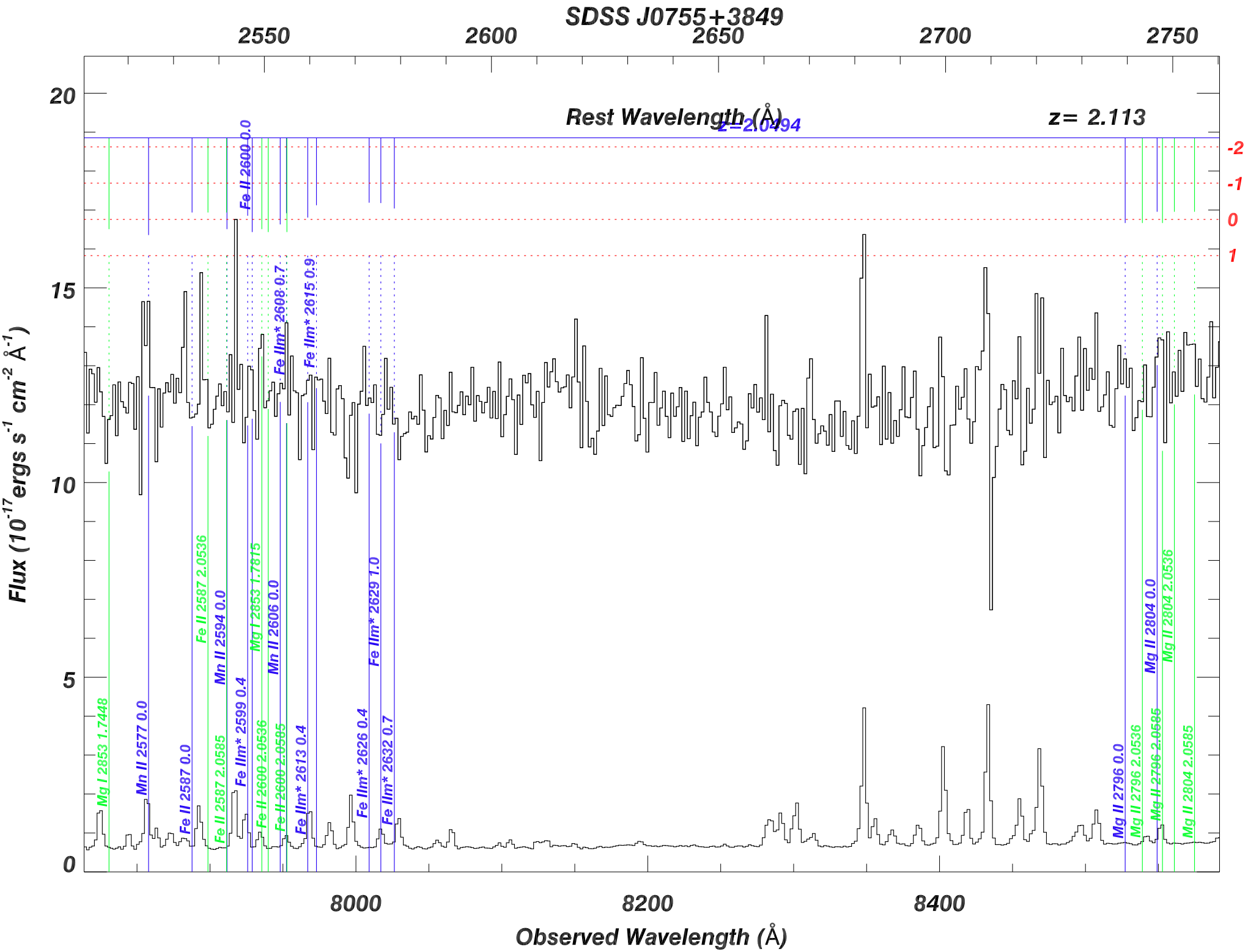

SDSS J0755+3849
Rest Wavelength (Å)
z= 2.113
z=2.0494
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
1450
1500
1550
1600
1650
4600
4800
5000
5200
0
5
10
15
20
25
30
-2
-1
0
1
Fe II 1608 1.7815
Fe II 2344 0.9284
Fe II 2374 0.9284
Mg II 2796 0.6395
Al II 1671 1.7448
Al II 1671 1.7815
Si II 1527 0.0
Si II 1527 2.0536
Si II 1527 2.0585
Mg I 2853 0.6395
C IV 1548 0.0
C IV 1550 0.0
C IV 1550 2.0536
C IV 1551 2.0585
C I 1560 0.0
C I m* 1561 0.04
Fe II 1608 0.0
Fe II 1608 2.0536
Fe II 1608 2.0585
Fe II 2587 0.9284
Fe II 2600 0.9284
C I m* 1657 0.04
C I 1657 0.0
Al II 1671 0.0
Al II 1671 2.0585
Al III 1855 1.7448
Al III 1863 1.7448
Al III 1855 1.7815
Al III 1863 1.7815

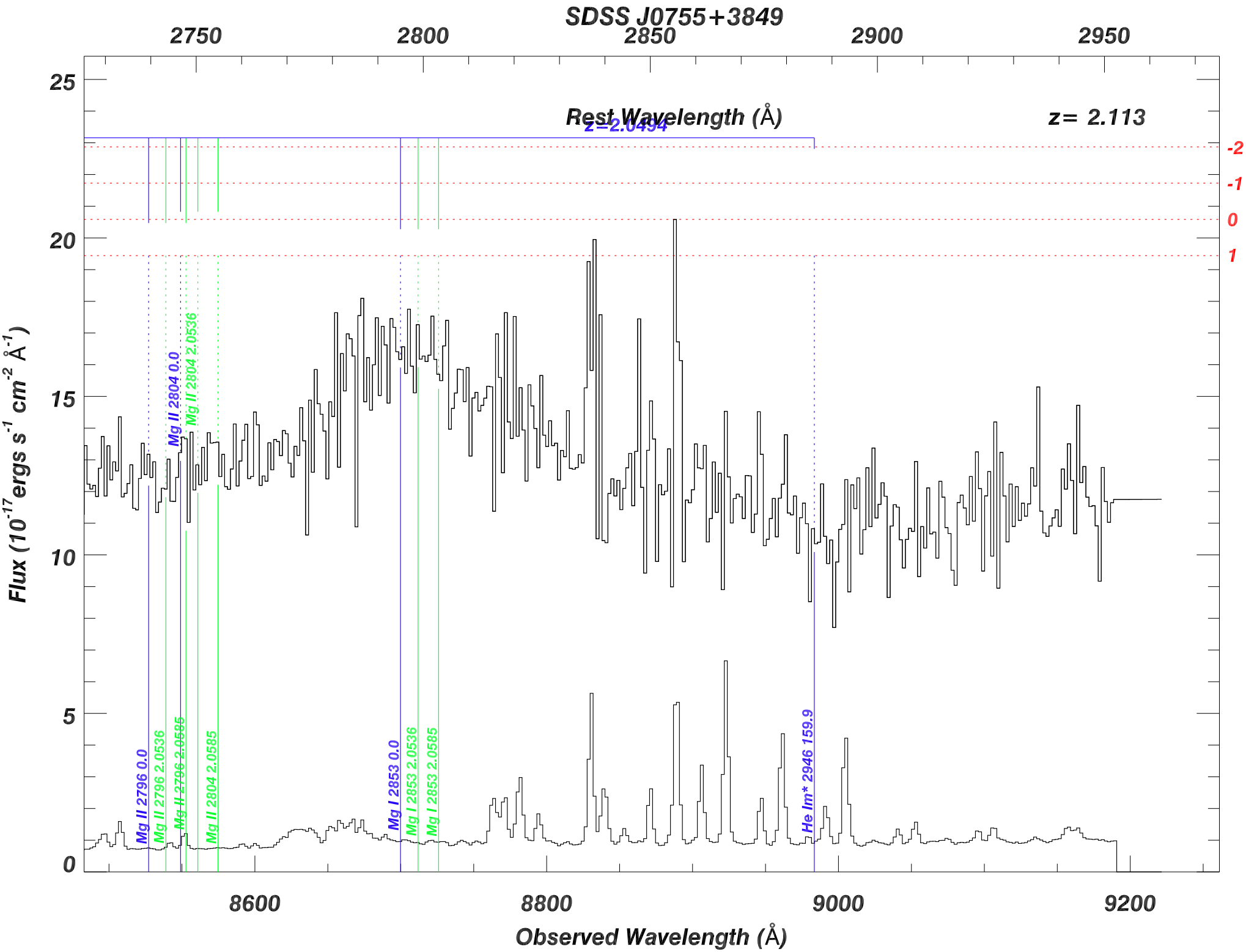

SDSS J0755+3849
Rest Wavelength (Å)
z=2.0494
z= 2.113
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
Observed Wavelength (Å)
Al III 1855 1.7815
Al III 1863 1.7815
Al I 1766 0.0
Al Im* 1766 0.1
Mg II 2796 0.9284
Mg II 2804 0.9284
Mg I 2853 0.9284
Si II 1808 0.0
O I
Al III 1855 0.0
Al III 1855 2.0536
Al III 1863 0.0
Al III 1863 2.0585
Al III 1855 2.0585
Al III 1863 2.0536
Na I
Al I 1932 0.0
Al Im* 1936 0.1


SDSS J0755+3849
Rest Wavelength (Å)
z= 2.113
z=2.0494
1900
1950
2000
2050
2100
25
20
15
10
5
0
-2
-1
0
1
Na I
O I
Al I 1932 0.0
Al Im* 1936 0.1
Fe II 2344 1.7448
Ca II 3935 0.6395
Ca II 3970 0.6395
Fe II 2374 1.7448
Fe II 2344 1.7815
Fe II 2383 1.7448
6000
6200
6400
Observed Wavelength (Å)
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)


SDSS J0755+3849
Rest Wavelength (Å)
z= 2.113
z=2.0494
2100
2150
2200
2250
2300
-2
-1
0
1
15
10
5
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
Ca II 3970 0.6395
Fe II 2374 1.7448
Fe II 2344 1.7815
Fe II 2383 1.7448
Fe II 2374 1.7815
Fe II 2383 1.7815
Fe II 2587 1.7448
Fe IIm* 2333 0.4
Fe IIm* 2339 0.9
Fe II 2600 1.7448
Fe II 2344 0.0
Fe II 2344 2.0536
Fe IIm* 2349 0.7
Fe II 2344 2.0585
Fe II 2587 1.7815
Fe IIm* 2366 0.4
Fe II 2600 1.7815
Fe II 2374 0.0
Fe II 2374 2.0536
6600
6800
7000
7200
Observed Wavelength (Å)


SDSS J0755+3849
Rest Wavelength (Å)
z= 2.113
z=2.0494
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
2300
2350
2400
2450
2500
7200
7400
7600
7800
0
5
10
15
20
-2
-1
0
1
Fe II 2344 0.0
Fe II 2344 2.0536
Fe II 2344 2.0585
Fe IIm* 2349 0.7
Fe II 2587 1.7815
Fe IIm* 2366 0.4
Fe II 2600 1.7815
Fe II 2374 0.0
Fe II 2374 2.0536
Fe II 2374 2.0585
Fe II 2383 0.0
Fe II 2383 2.0536
Fe II 2383 2.0585
Fe IIm* 2389 0.4
Fe IIm* 2396 0.4
Fe IIm* 2400 0.7
Fe IIm* 2406 0.7
Fe IIm* 2407 0.9
Fe IIm* 2411 0.9
Fe IIm* 2412 1.0
Fe IIm* 2414 1.0
Fe I 2484 0.0
Ca II 3935 0.9284
Ca II 3970 0.9284
Mg II 2796 1.7448
Mg II 2804 1.7448
Fe I 2524 0.0
Mg II 2796 1.7815
Mg II 2804 1.7815
Mg I 2853 1.7448
Mn II 2577 0.0
Fe II 2587 0.0
Fe II 2587 2.0536
Fe II 2587 2.0585
Mn II 2594 0.0


SDSS J0755+3849
Rest Wavelength (Å)
z= 2.113
z=2.0494
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
Mg I 2853 1.7448
Mn II 2577 0.0
Fe II 2587 0.0
Fe II 2587 2.0585
Fe II 2587 2.0536
Mn II 2594 0.0
Fe IIm* 2599 0.4
Fe II 2600 0.0
Mg I 2853 1.7815
Fe II 2600 2.0536
Mn II 2606 0.0
Fe II 2600 2.0585
Fe IIm* 2608 0.7
Fe IIm* 2613 0.4
Fe IIm* 2615 0.9
Fe IIm* 2626 0.4
Fe IIm* 2629 1.0
Fe IIm* 2632 0.7
Mg II 2796 0.0
Mg II 2796 2.0536
Mg II 2796 2.0585
Mg II 2804 0.0
Mg II 2804 2.0536
Mg II 2804 2.0585


SDSS J0755+3849
Rest Wavelength (Å)
z= 2.113
z=2.0434
Mg II 2796 0.0
Mg II 2796 2.0536
Mg II 2796 2.0585
Mg II 2804 0.0
Mg II 2804 2.0536
Mg II 2804 2.0585
Mg I 2853 0.0
Mg I 2853 2.0536
Mg I 2853 2.0585
He Im* 2946 159.9
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
Observed Wavelength (Å)