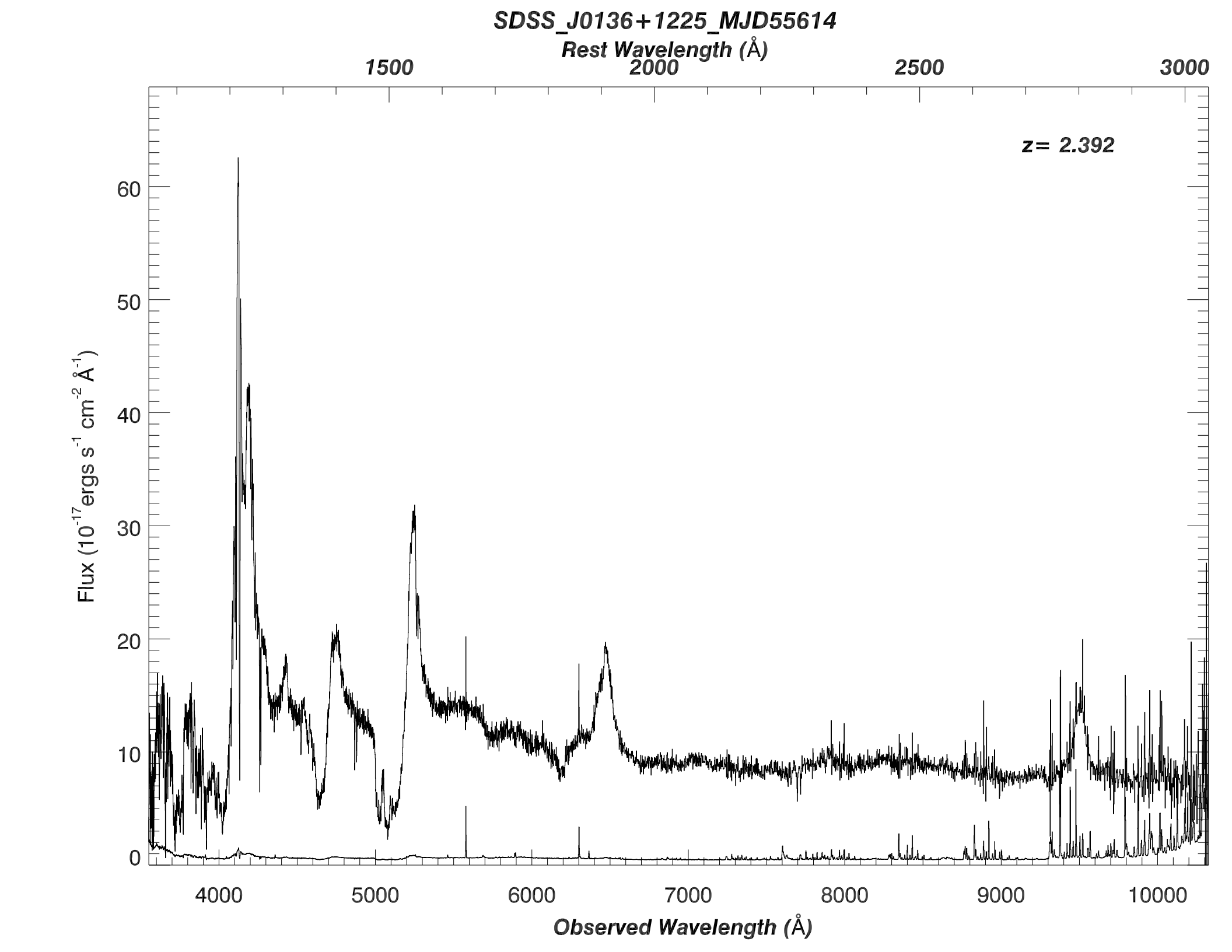
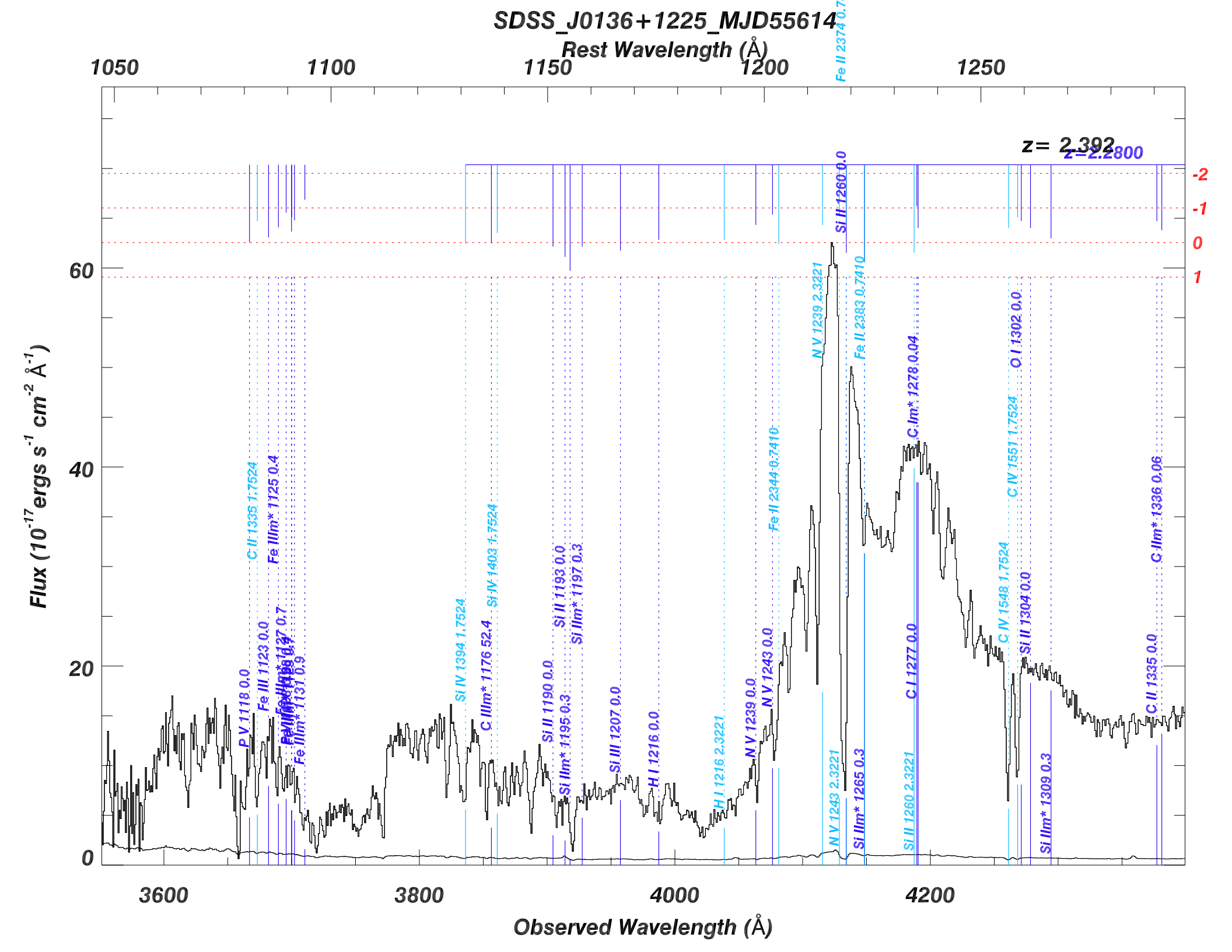
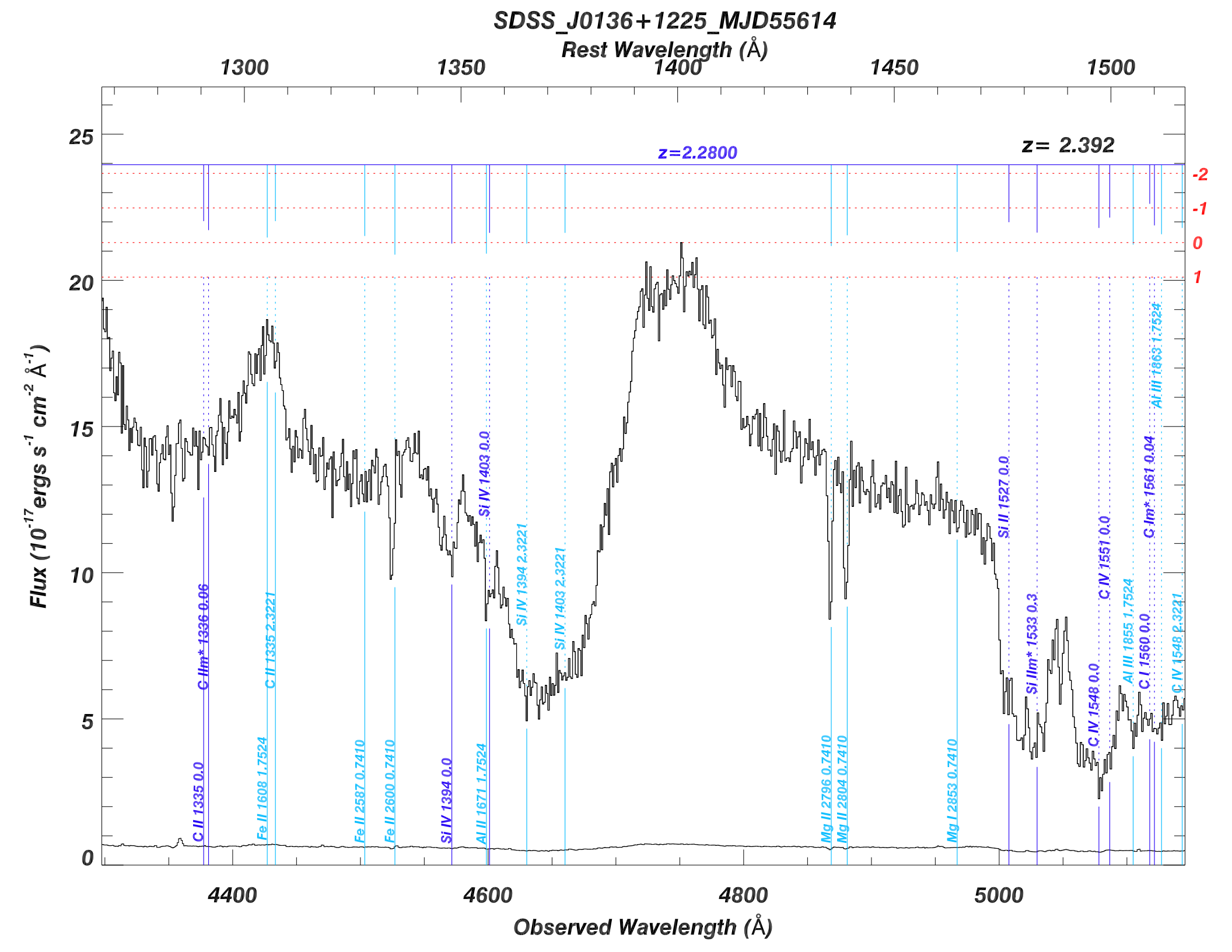
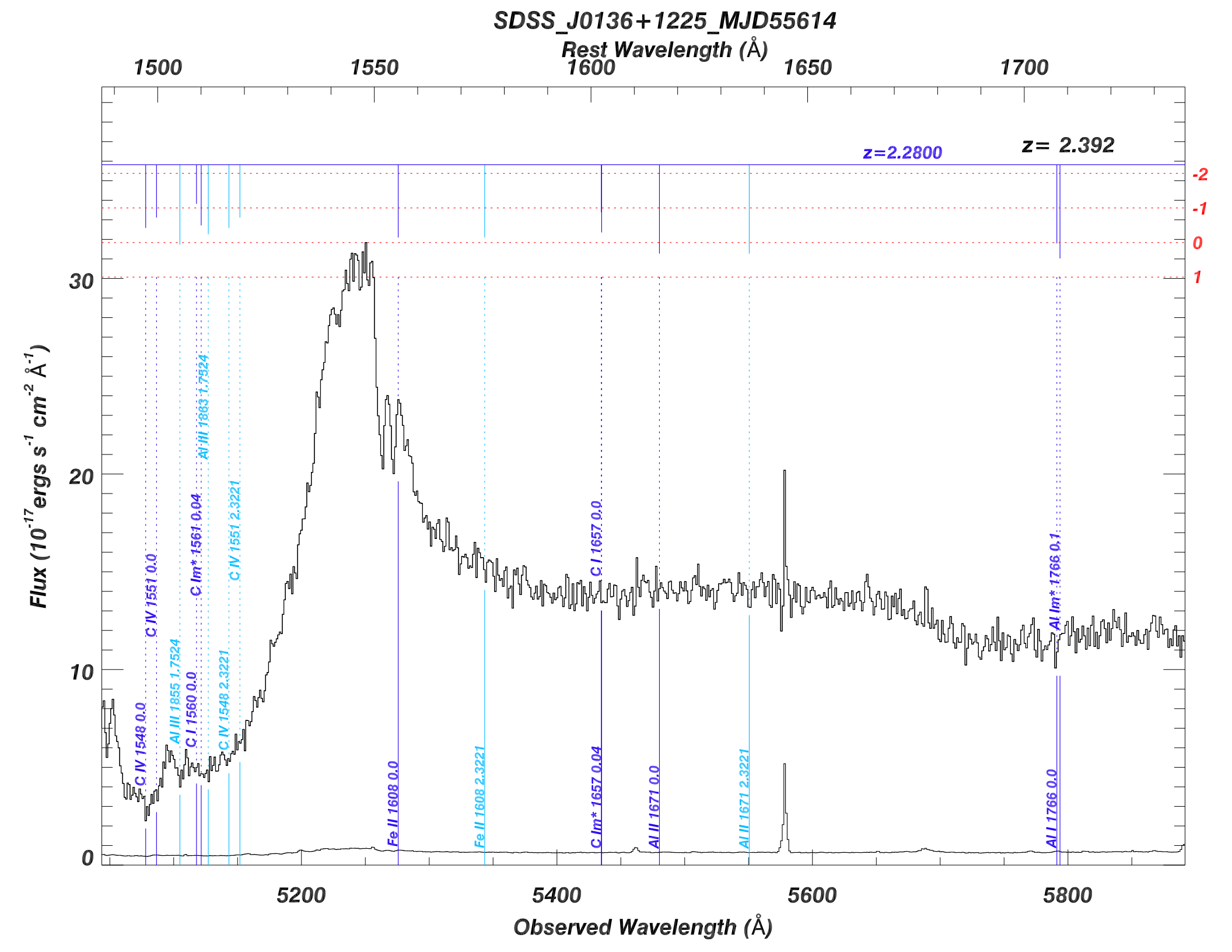
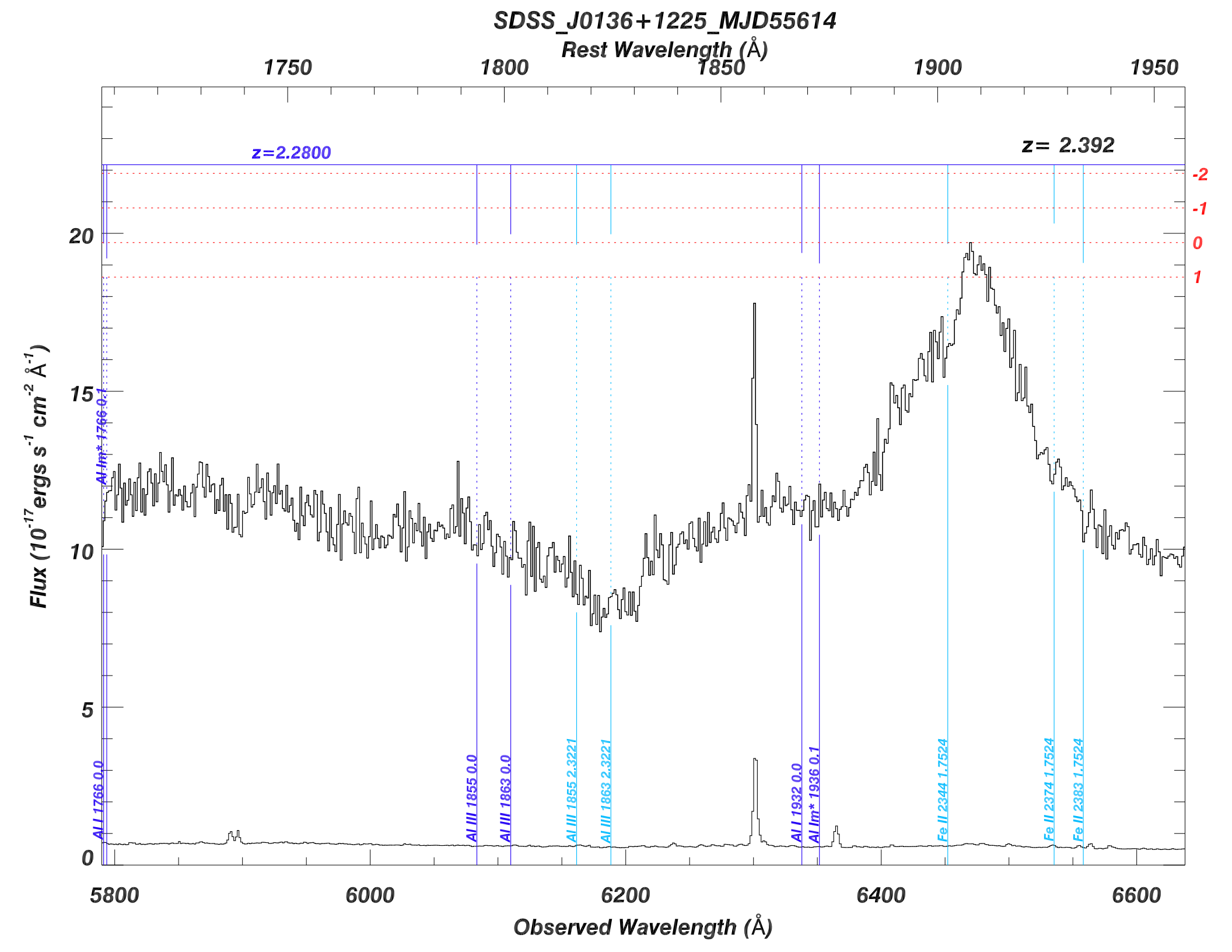
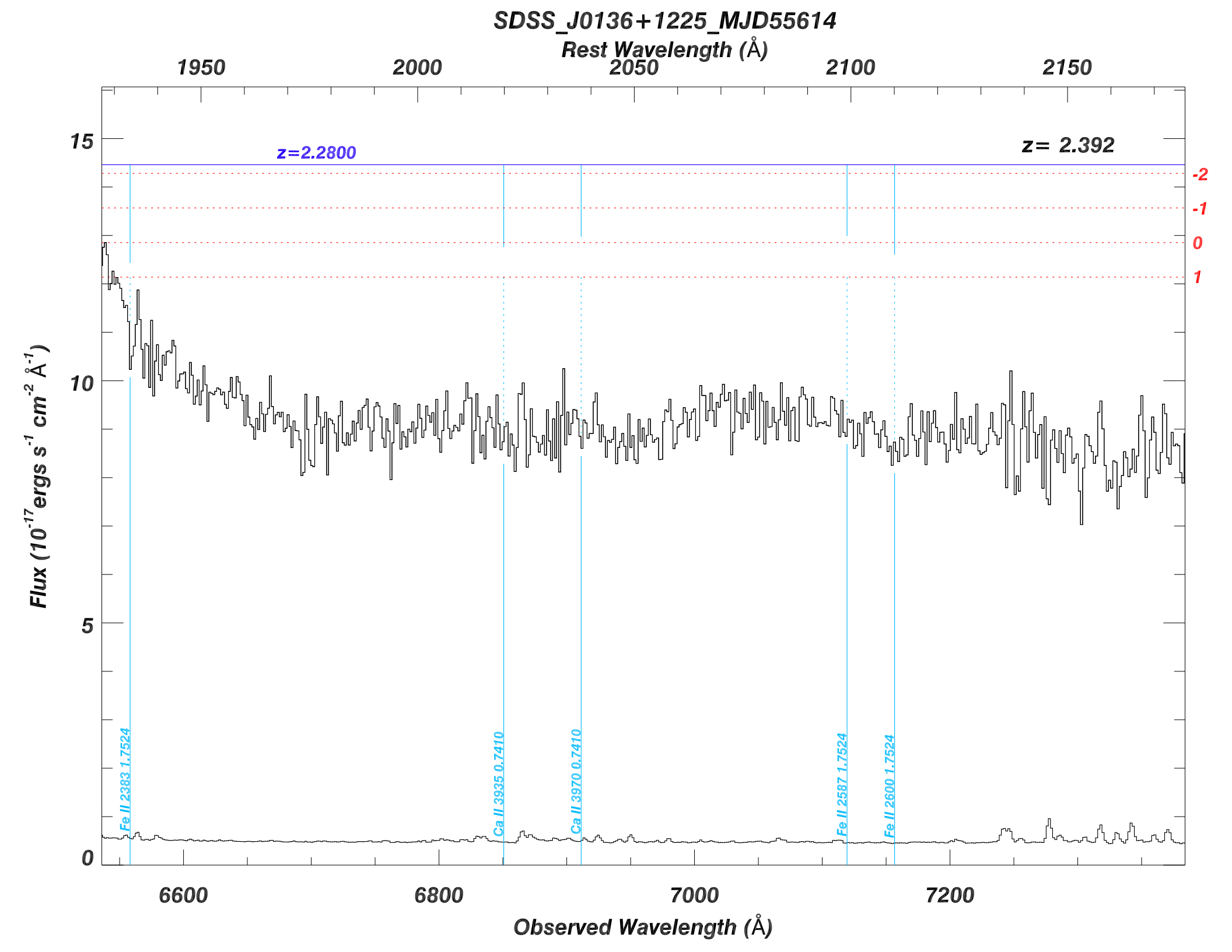

SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
1500
2000
2500
3000
z= 2.392
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
10
20
30
40
50
60
4000
5000
6000
7000
8000
9000
10000
Observed Wavelength (Å)

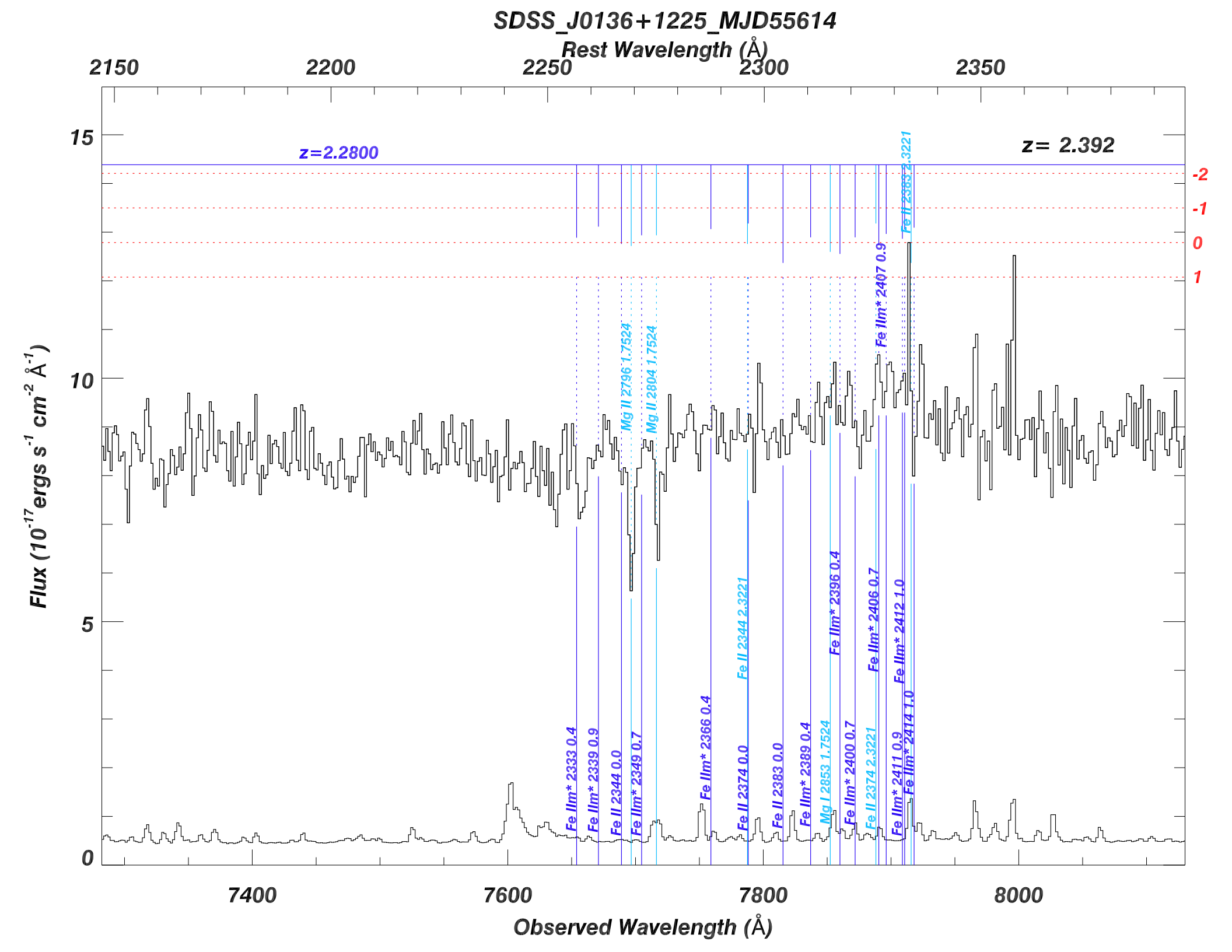

SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
1050
1100
1150
1200
1250
z= 2.392
z=2.2800
-2
-1
0
1
60
40
20
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
P V 1118 0.0
C II 1335 1.7524
Fe III 1123 0.0
Fe IIIm* 1125 0.4
Fe IIIm* 1127 0.7
Fe IIIm* 1131 0.9
Si IV 1394 1.7524
C IIIm* 1176 52.4
Si IV 1403 1.7524
Si II 1190 0.0
Si IIm* 1195 0.3
Si II 1193 0.0
Si IIm* 1197 0.3
Si III 1207 0.0
H I 1216 0.0
H I 1216 2.3221
N V 1239 0.0
N V 1243 0.0
Fe II 2344 0.7410
N V 1239 2.3221
N V 1243 2.3221
Si II 1260 0.0
Si IIm* 1265 0.3
Fe II 2383 0.7410
Si II 1260 2.3221
C I 1277 0.0
C IIm* 1278 0.04
O I 1302 0.0
C IV 1551 1.7524
C IV 1548 1.7524
Si II 1304 0.0
Si IIm* 1309 0.3
C II 1335 0.0
G IIm* 1336 0.06
3600
3800
4000
4200
Observed Wavelength (Å)

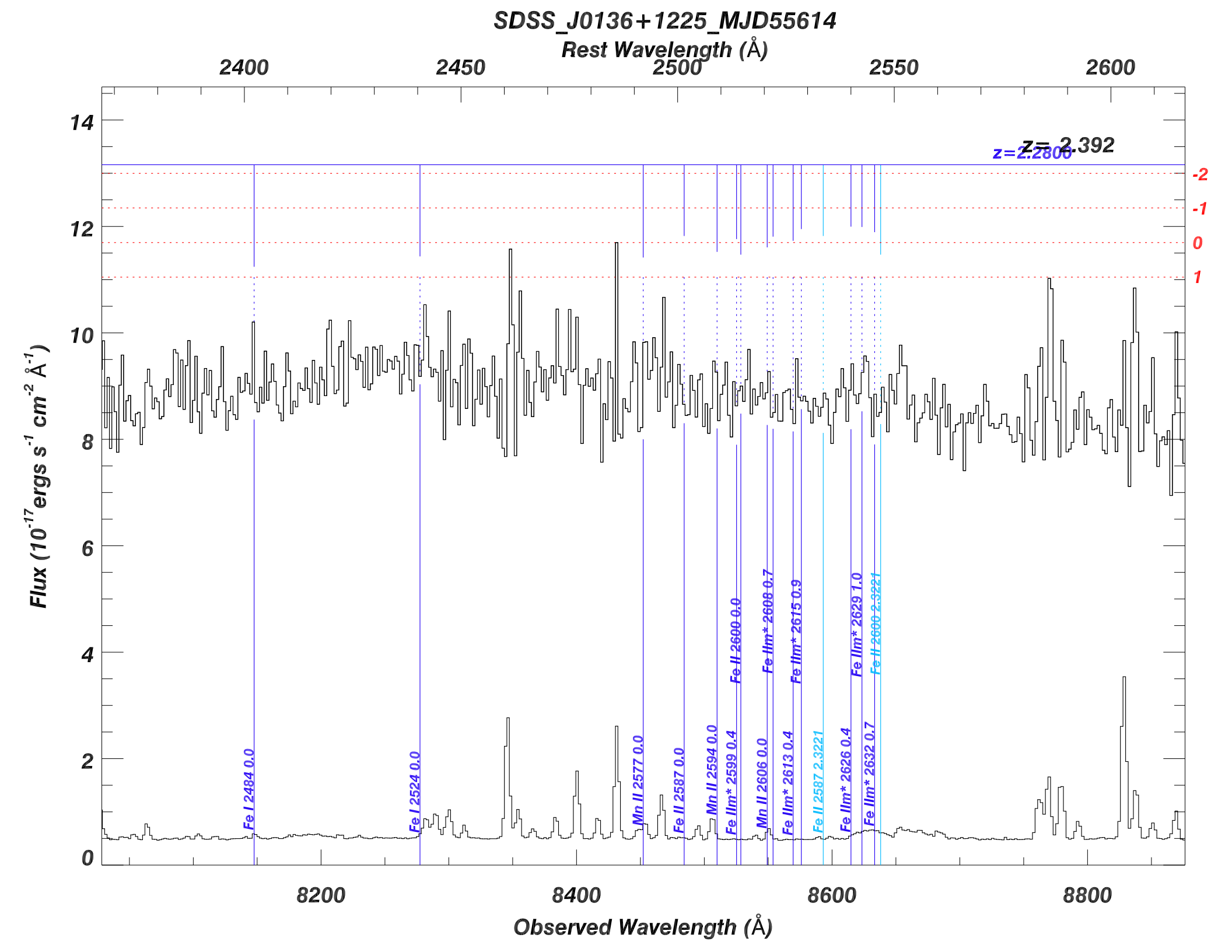

SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
1300
1350
1400
1450
1500
z= 2.392
z=2.2800
-2
-1
0
1
25
20
15
10
5
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
C II 1335 0.0
C IIm* 1336 0.06
Fe II 1608 1.7524
C II 1335 2.3221
Fe II 2587 0.7410
Fe II 2600 0.7410
Si IV 1394 0.0
Al II 1671 1.7524
Si IV 1403 0.0
Si IV 1394 2.3221
Si IV 1403 2.3221
Mg II 2796 0.7410
Mg II 2804 0.7410
Mg I 2853 0.7410
Si II 1527 0.0
Si IIm* 1533 0.3
C IV 1548 0.0
C IV 1551 0.0
Al III 1855 1.7524
C I 1560 0.0
C Im* 1561 0.04
Al III 1863 1.7524
C IV 1548 2.3221
4400
4600
4800
5000
Observed Wavelength (Å)

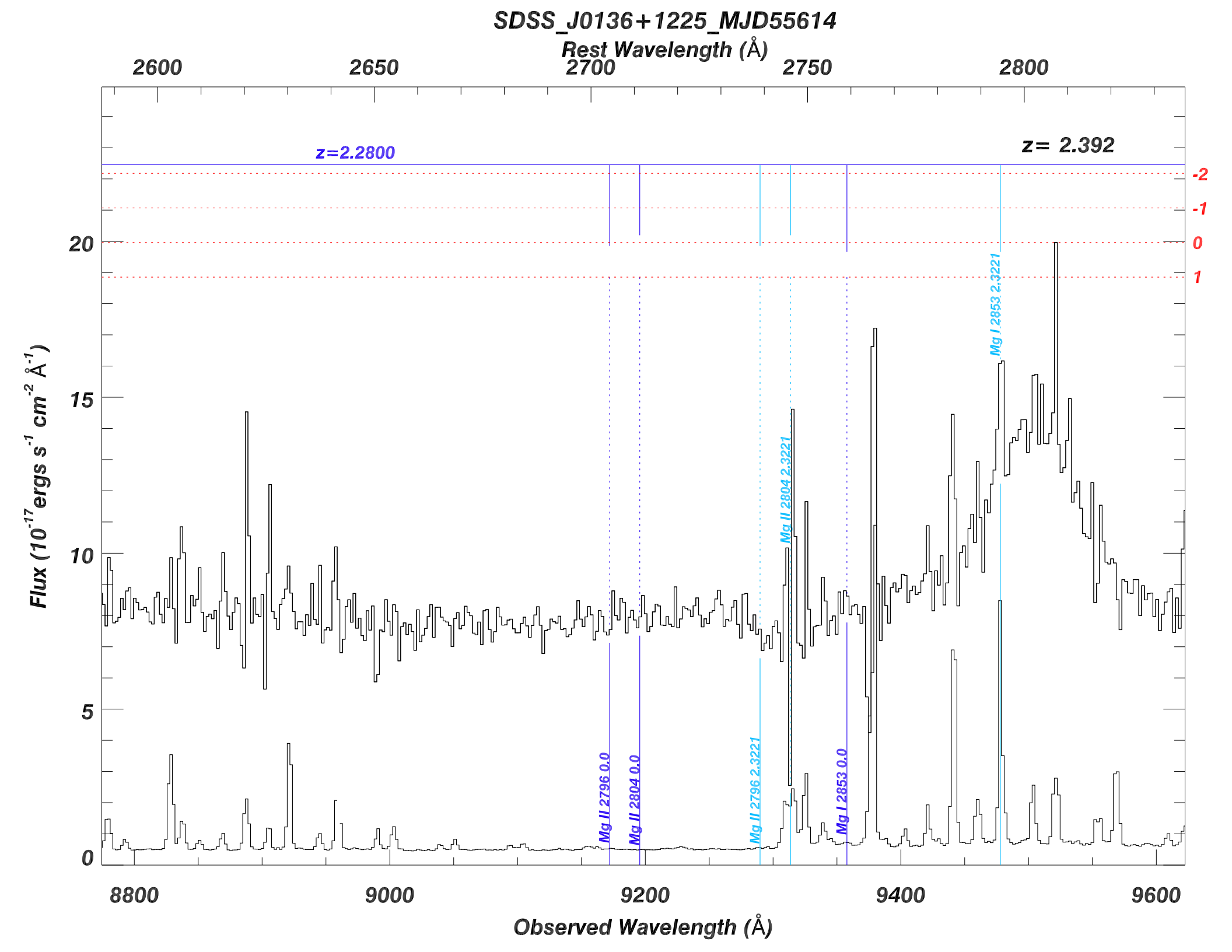

SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
1500
1550
1600
1650
1700
z=2.2800
z= 2.392
-2
-1
0
1
30
20
10
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
C IV 1548 0.0
C IV 1551 0.0
Al III 1855 1.7524
C I 1560 0.0
C Im* 1561 0.04
Al III 1863 1.7524
C IV 1548 2.3221
C IV 1551 2.3221
Fe II 1608 0.0
Fe II 1608 2.3221
C I 1657 0.0
C Im* 1657 0.04
Al II 1671 0.0
Al II 1671 2.3221
Al Im* 1766 0.1
Al I 1766 0.0
5200
5400
5600
5800
Observed Wavelength (Å)

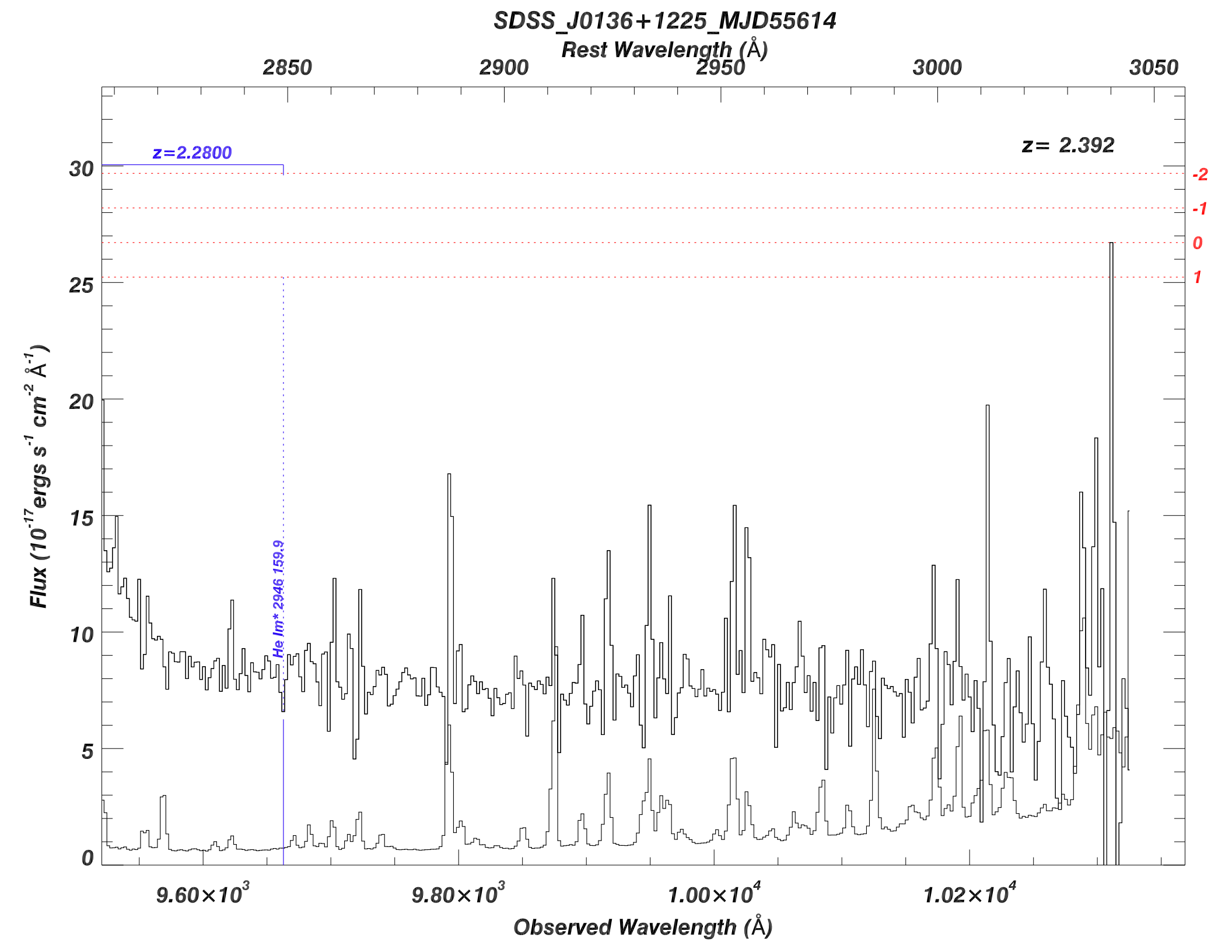

SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
1750
1800
1850
1900
1950
z=2.2800
z= 2.392
-2
-1
0
1
20
15
10
5
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
Al I 1766 0.0
Al Im* 1766 0.1
Al III 1855 0.0
Al III 1863 0.0
Al III 1855 2.3221
Al III 1863 2.3221
Al I 1932 0.0
Al Im* 1936 0.1
Fe II 2344 1.7524
Fe II 2374 1.7524
Fe II 2383 1.7524
5800
6000
6200
6400
6600
Observed Wavelength (Å)


SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
1950
2000
2050
2100
2150
z=2.2800
z= 2.392
-2
-1
0
1
15
10
5
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
Fe II 2383 1.7524
Ca II 3935 0.7410
Ca II 3970 0.7410
Fe II 2587 1.7524
Fe II 2600 1.7524
6600
6800
7000
7200
Observed Wavelength (Å)


SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
2150
2200
2250
2300
2350
z=2.2800
z= 2.392
-2
-1
0
1
Fe II 2383 2.3221
Fe IIm* 2407 0.9
Mg II 2796 1.7524
Mg II 2804 1.7524
Fe II 2344 2.3221
Fe IIm* 2396 0.4
Fe IIm* 2406 0.7
Fe IIm* 2412 1.0
Fe IIm* 2414 1.0
Fe IIm* 2333 0.4
Fe IIm* 2339 0.9
Fe II 2344 0.0
Fe IIm* 2349 0.7
Fe IIm* 2366 0.4
Fe II 2374 0.0
Fe II 2383 0.0
Fe IIm* 2389 0.4
Mg I 2853 1.7524
Fe IIm* 2400 0.7
Fe II 2374 2.3221
Fe IIm* 2411 0.9
15
10
5
0
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
7400
7600
7800
8000
Observed Wavelength (Å)


SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
2400
2450
2500
2550
2600
z= 2.392
z=2.2800
-2
-1
0
1
14
12
10
8
6
4
2
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
Fe I 2484 0.0
Fe I 2524 0.0
Mn II 2577 0.0
Fe II 2587 0.0
Mn II 2594 0.0
Fe IIm* 2599 0.4
Fe II 2600 0.0
Mn II 2606 0.0
Fe IIm* 2608 0.7
Fe IIm* 2613 0.4
Fe IIm* 2615 0.9
Fe II 2587 2.3221
Fe IIm* 2626 0.4
Fe IIm* 2629 1.0
Fe IIm* 2632 0.7
Fe II 2600 2.3221
8200
8400
8600
8800
Observed Wavelength (Å)


SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
2600
2650
2700
2750
2800
z=2.2800
z= 2.392
-2
-1
0
1
Mg I 2853 2.3221
Mg II 2804 2.3221
Mg II 2796 0.0
Mg II 2804 0.0
Mg II 2796 2.3221
Mg I 2853 0.0
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
0
5
10
15
20
8800
9000
9200
9400
9600
Observed Wavelength (Å)


SDSS_J0136+1225_MJD55614
Rest Wavelength (Å)
2850
2900
2950
3000
3050
z=2.2800
z= 2.392
-2
-1
0
1
30
25
20
15
10
5
0
He Im* 2946.159.9
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
9.60×10^3
9.80×10^3
1.00×10^4
1.02×10^4
Observed Wavelength (Å)