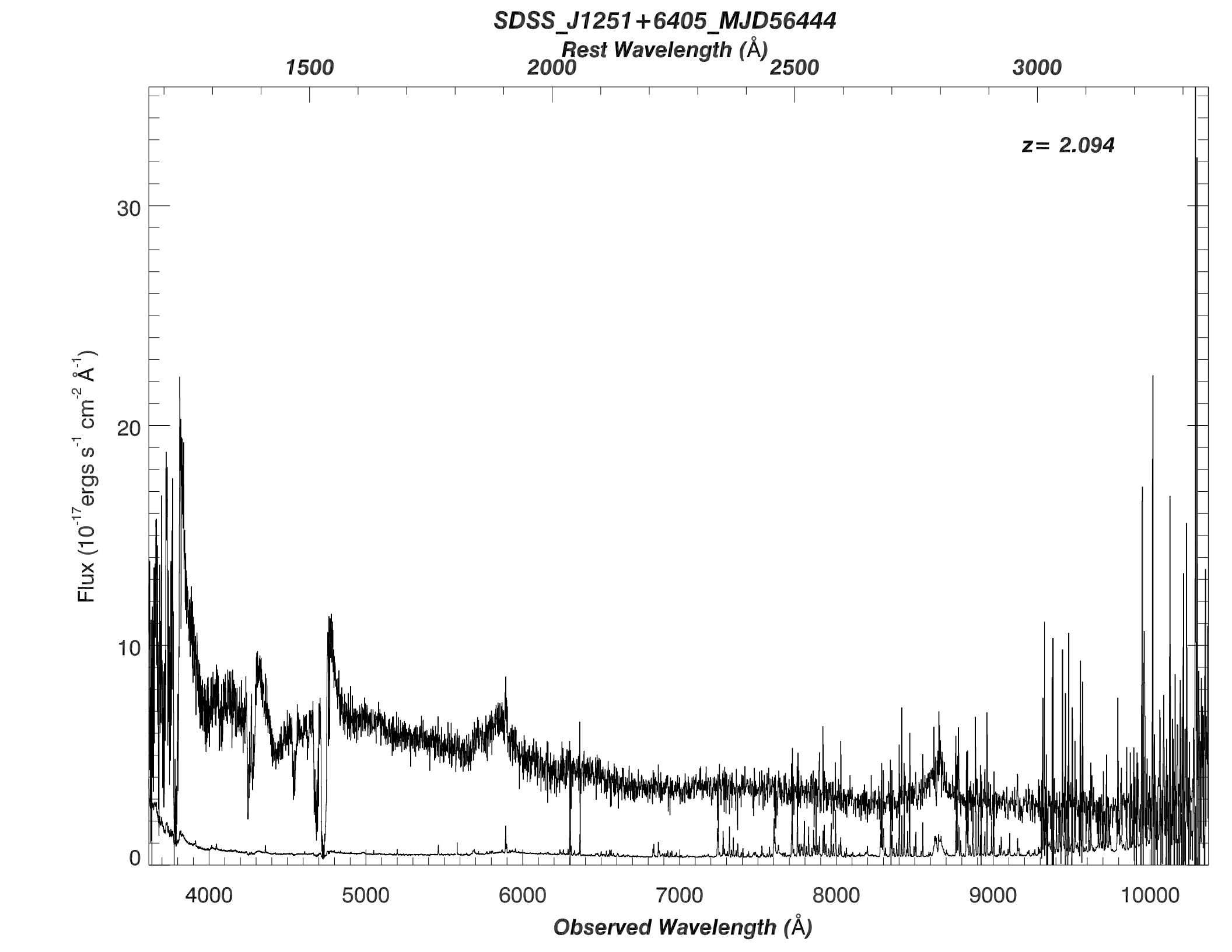
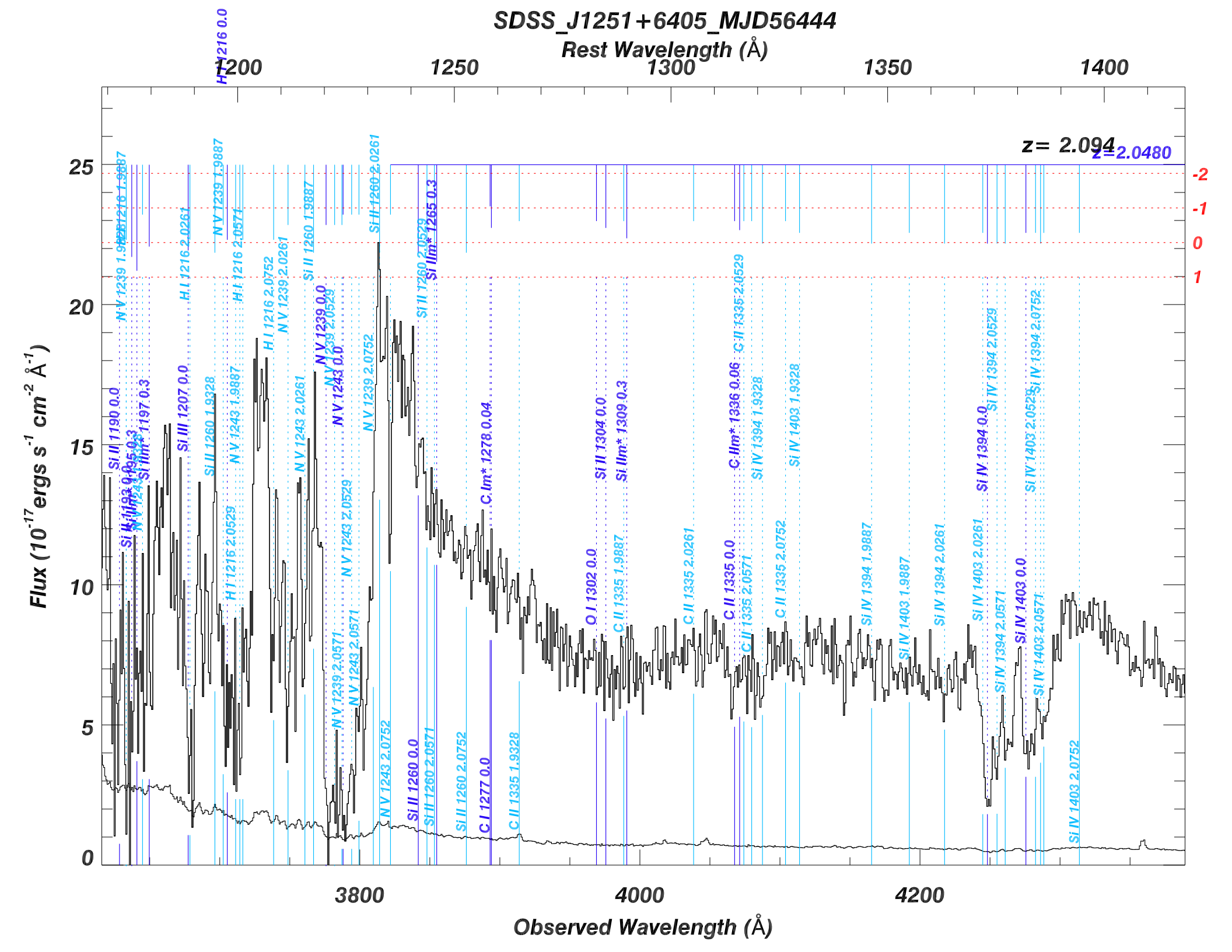
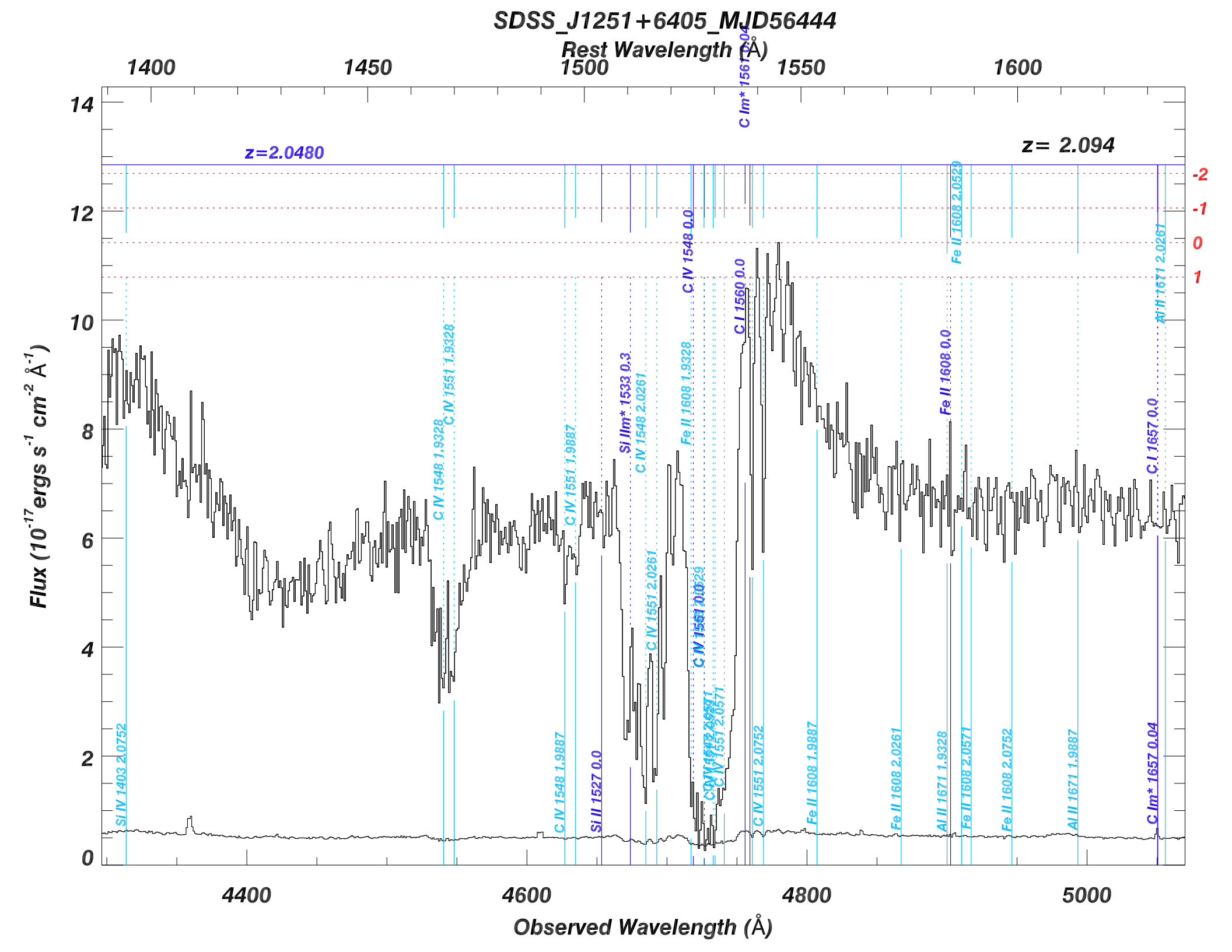
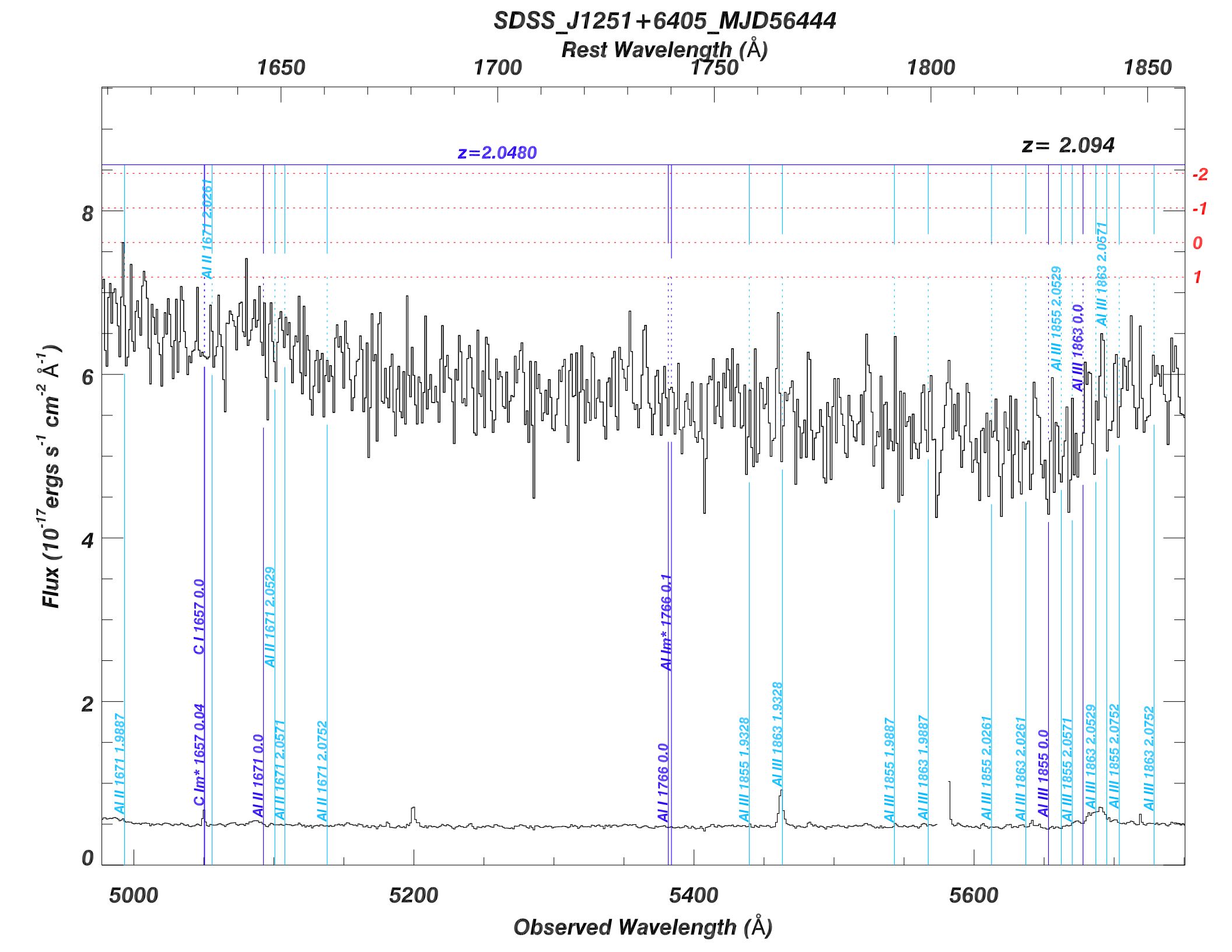
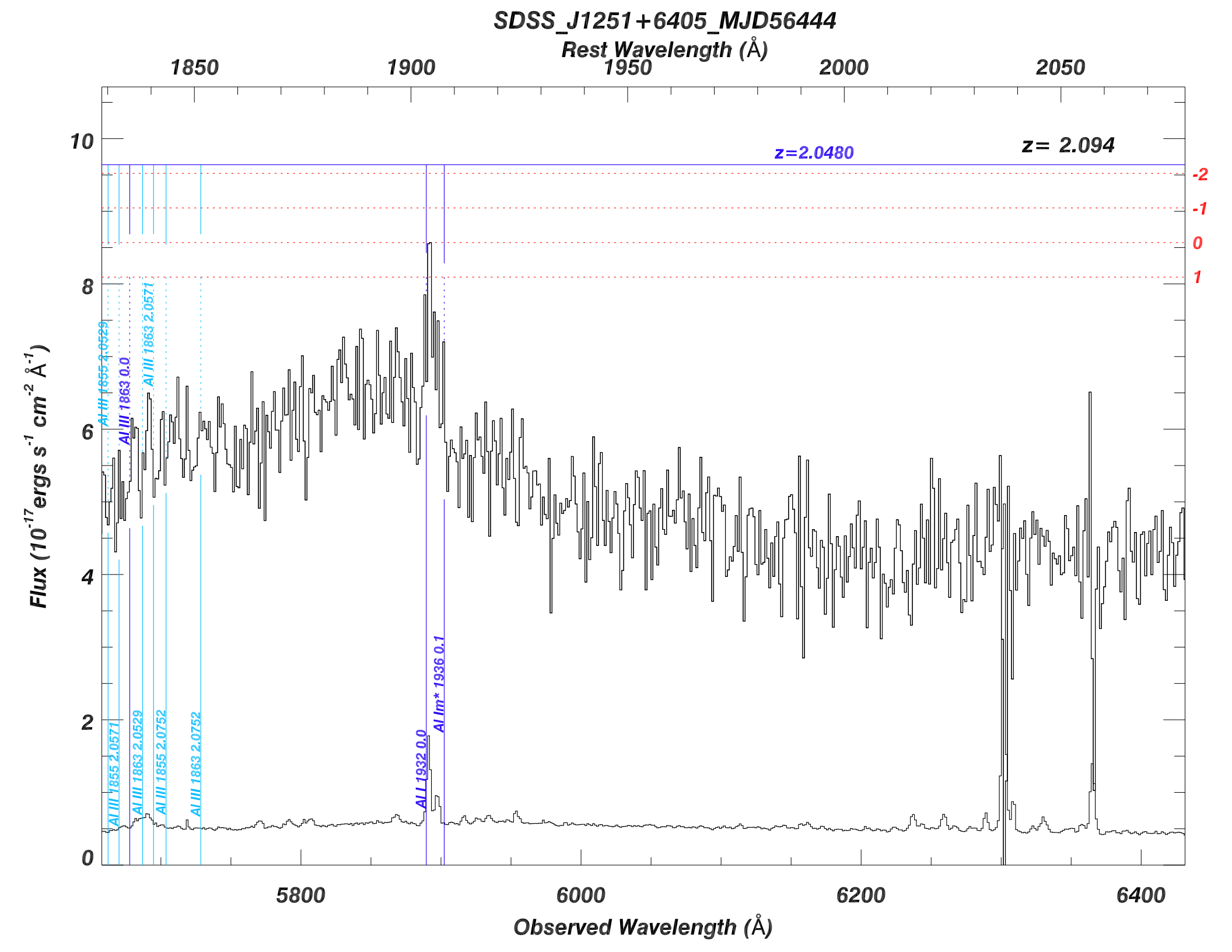
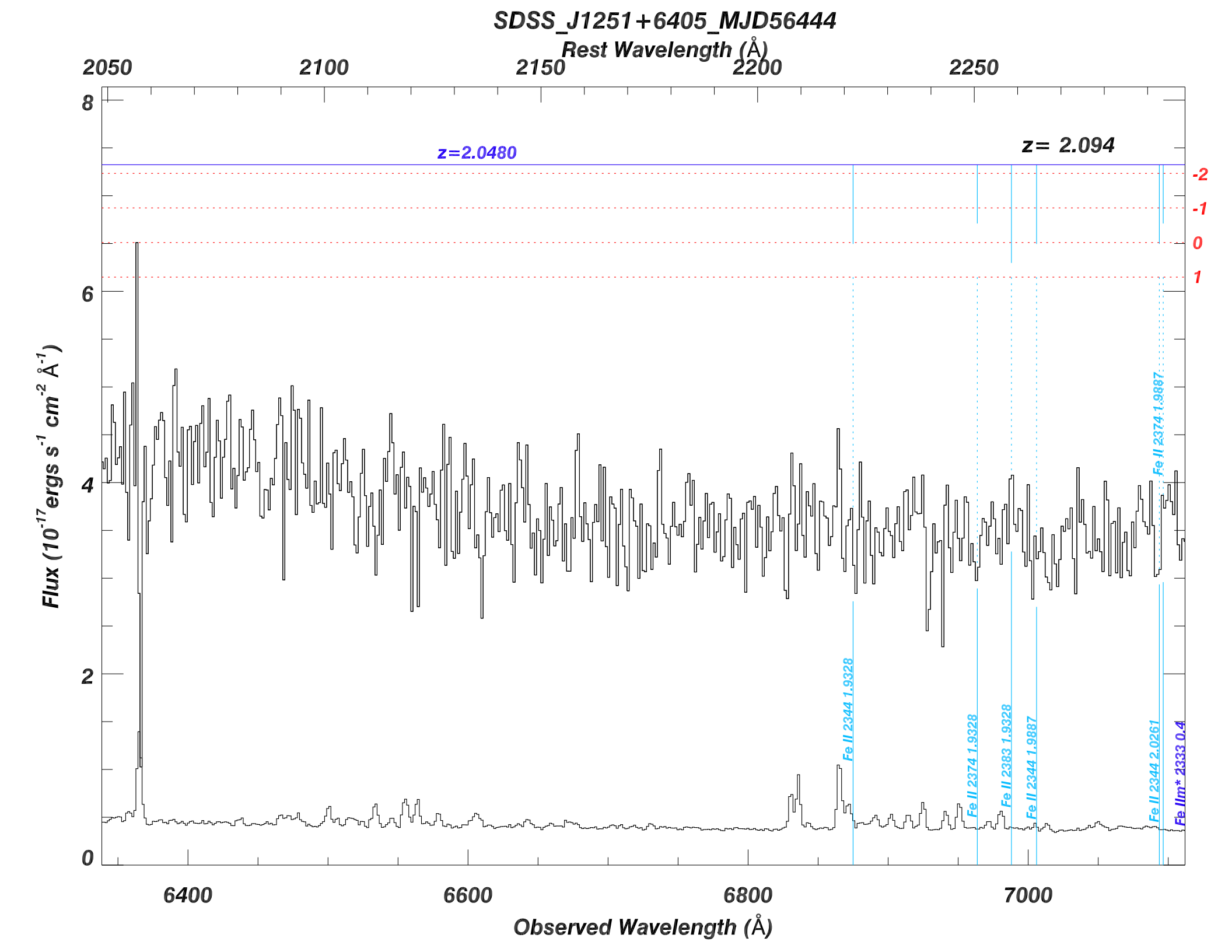

SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
1500
2000
2500
3000
z= 2.094
30
20
10
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
4000
5000
6000
7000
8000
9000
10000
Observed Wavelength (Å)

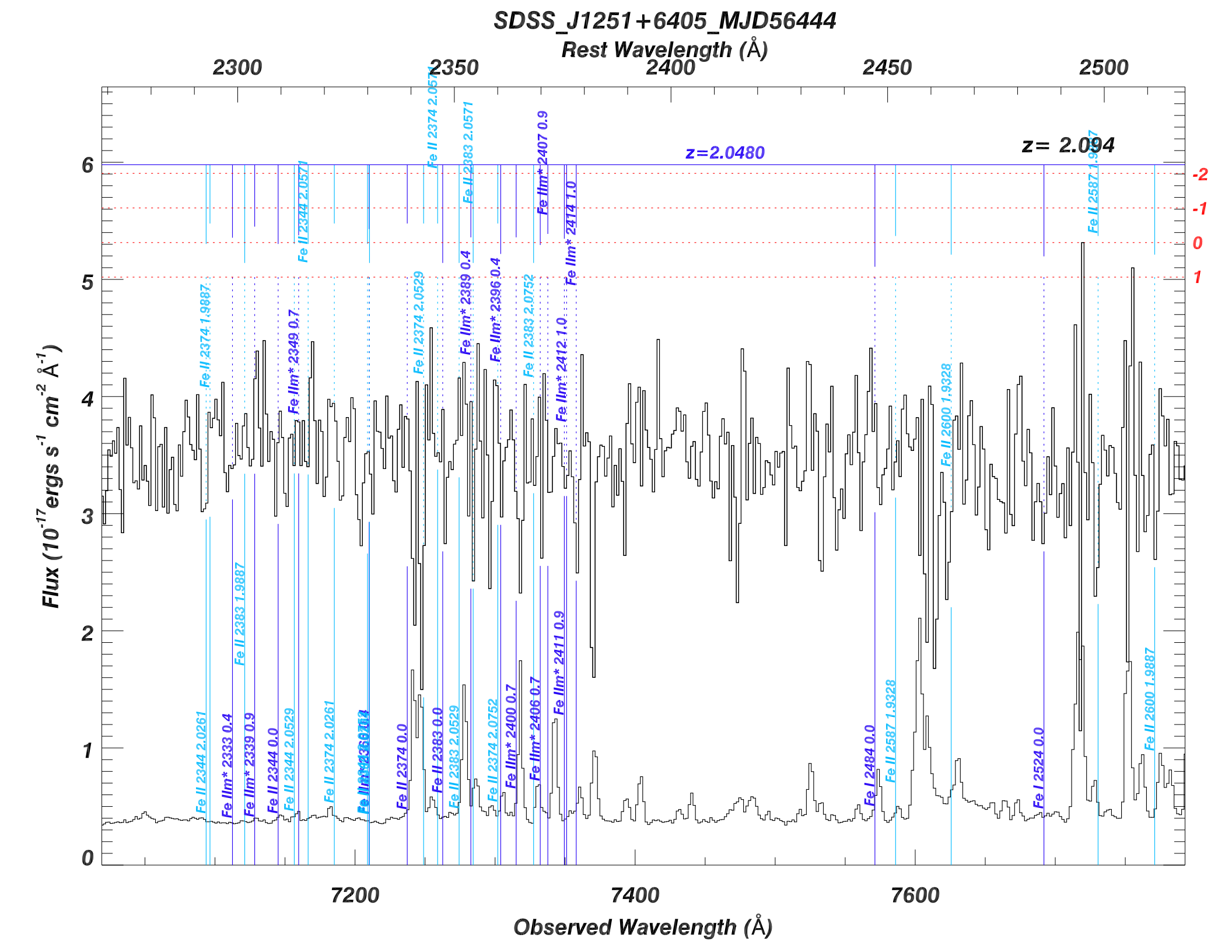

SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
1200
1250
1300
1350
1400
z= 2.094
z=2.0480
-2
-1
0
1
25
20
15
10
5
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
3800
4000
4200
Observed Wavelength (Å)
H I 1216 0.0
Si II 1190 0.0
Si II* 1193 0.0
Si II* 1195 0.3
Si II* 1197 0.3
N V 1239 1.9887
N V 1243 1.9887
Si III 1207 0.0
Si II 1260 1.9328
H I 1216 2.0261
N V 1239 2.0261
N V 1243 2.0261
H I 1216 2.0752
N V 1239 2.0752
N V 1243 2.0752
H I 1216 2.0529
N V 1239 2.0529
N V 1243 2.0529
H I 1216 2.0571
N V 1239 2.0571
N V 1243 2.0571
Si II 1260 1.9887
N V 1239 1.9887
N V 1243 1.9887
Si II 1260 2.0261
Si II* 1265 0.3
Si II 1260 2.0529
Si II* 1265 0.3
C I* 1278 0.04
Si II 1260 2.0752
C I 1277 0.0
Si II 1260 2.0571
C II 1335 1.9328
O I 1302 0.0
Si II 1304 0.0
Si II* 1309 0.3
C II 1335 1.9887
C II 1335 2.0261
C II* 1336 0.06
C II 1335 0.0
C II* 1335 2.0529
C II 1335 2.0571
Si IV 1394 1.9328
C II 1335 2.0752
Si IV 1403 1.9328
Si IV 1394 1.9887
Si IV 1403 1.9887
Si IV 1394 2.0261
Si IV 1403 2.0261
Si IV 1394 0.0
Si IV 1394 2.0529
Si IV 1394 2.0571
Si IV 1403 0.0
Si IV 1403 2.0529
Si IV 1403 2.0571
Si IV 1394 2.0752
Si IV 1403 2.0752

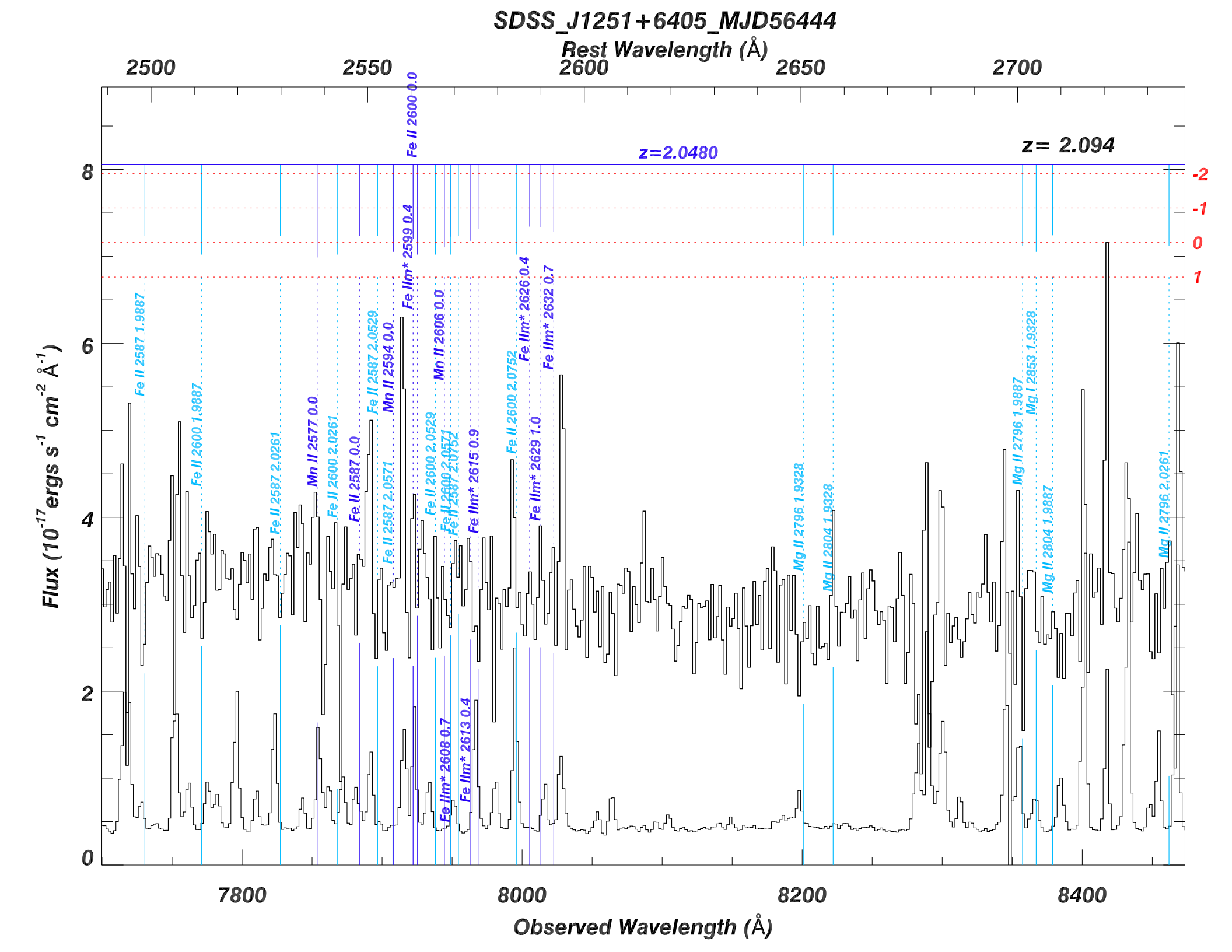

SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
1400
1450
1500
1550
1600
z=2.0480
z= 2.094
-2
-1
0
1
Si IV 1403 2.0752
C IV 1548 1.9328
C IV 1551 1.9328
C IV 1548 1.9887
C IV 1551 1.9887
Si II 1527 0.0
Si IIm* 1533 0.3
C IV 1548 2.0261
C IV 1551 2.0261
Fe II 1608 1.9328
C IV 1548 0.0
C IV 1551 0.0
C I 1560 0.0
C IV 1551 2.0752
C Im* 1561 0.04
Fe II 1608 1.9887
Fe II 1608 2.0261
Fe II 1608 2.0529
Fe II 1608 0.0
Al II 1671 1.9328
Fe II 1608 2.0571
Fe II 1608 2.0752
Al II 1671 1.9887
Al II 1671 2.0261
C I 1657 0.0
C Im* 1657 0.04
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
2
4
6
8
10
12
14
4400
4600
4800
5000
Observed Wavelength (Å)

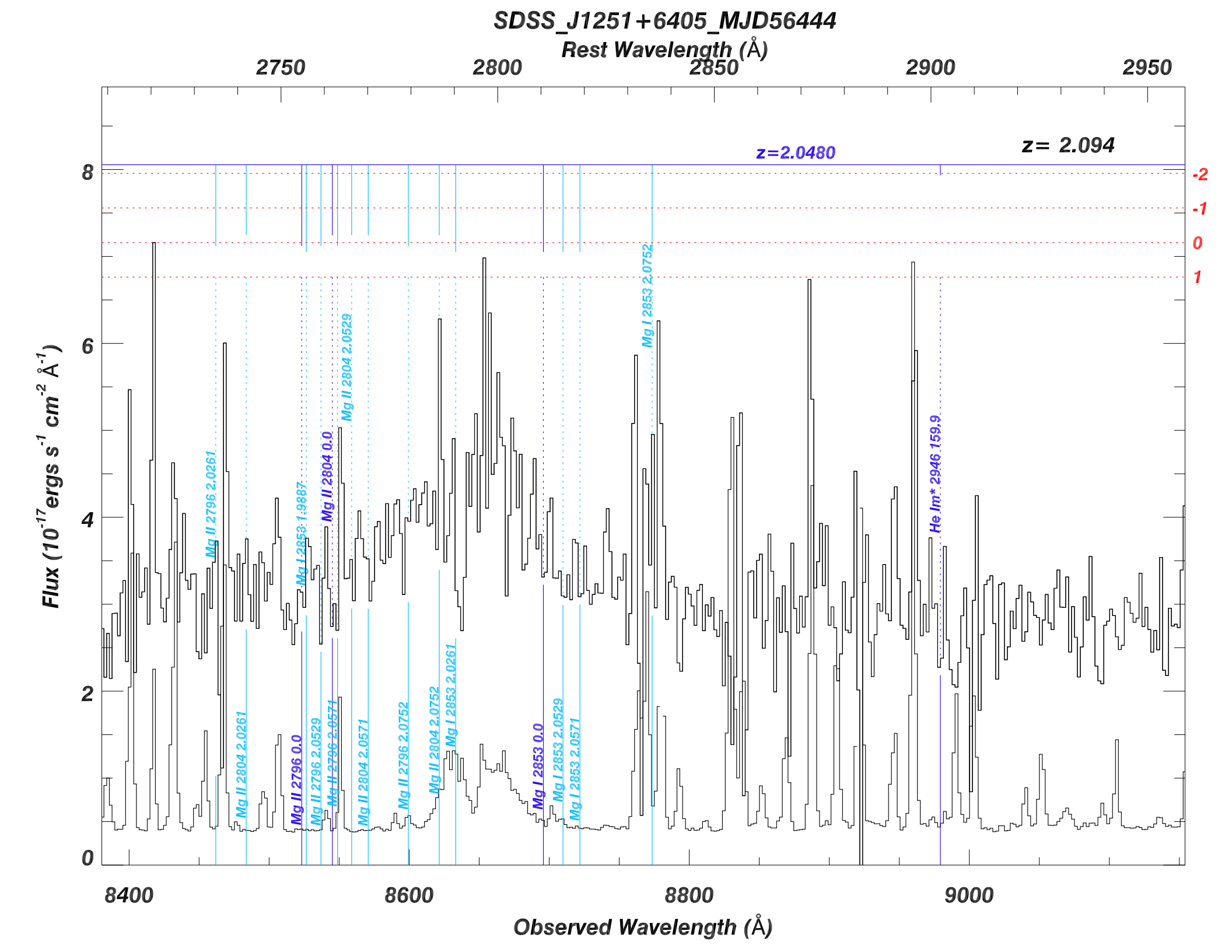

SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
1650
1700
1750
1800
1850
z=2.0480
z= 2.094
-2
-1
0
1
Al II 1671 2.0261
C I 1657 0.0
C I* 1657 0.04
Al II 1671 2.0529
Al II 1671 0.0
Al II 1671 2.0571
Al II 1671 2.0752
Al I* 1766 0.1
Al I 1766 0.0
Al III 1855 1.9328
Al III 1863 1.9328
Al III 1855 1.9887
Al III 1863 1.9887
Al III 1855 2.0261
Al III 1863 2.0261
Al III 1855 0.0
Al III 1855 2.0529
Al III 1855 2.0571
Al III 1863 0.0
Al III 1863 2.0529
Al III 1863 2.0571
Al III 1855 2.0752
Al III 1863 2.0752
Al II 1671 1.9887
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
0
2
4
6
8
5000
5200
5400
5600
Observed Wavelength (Å)

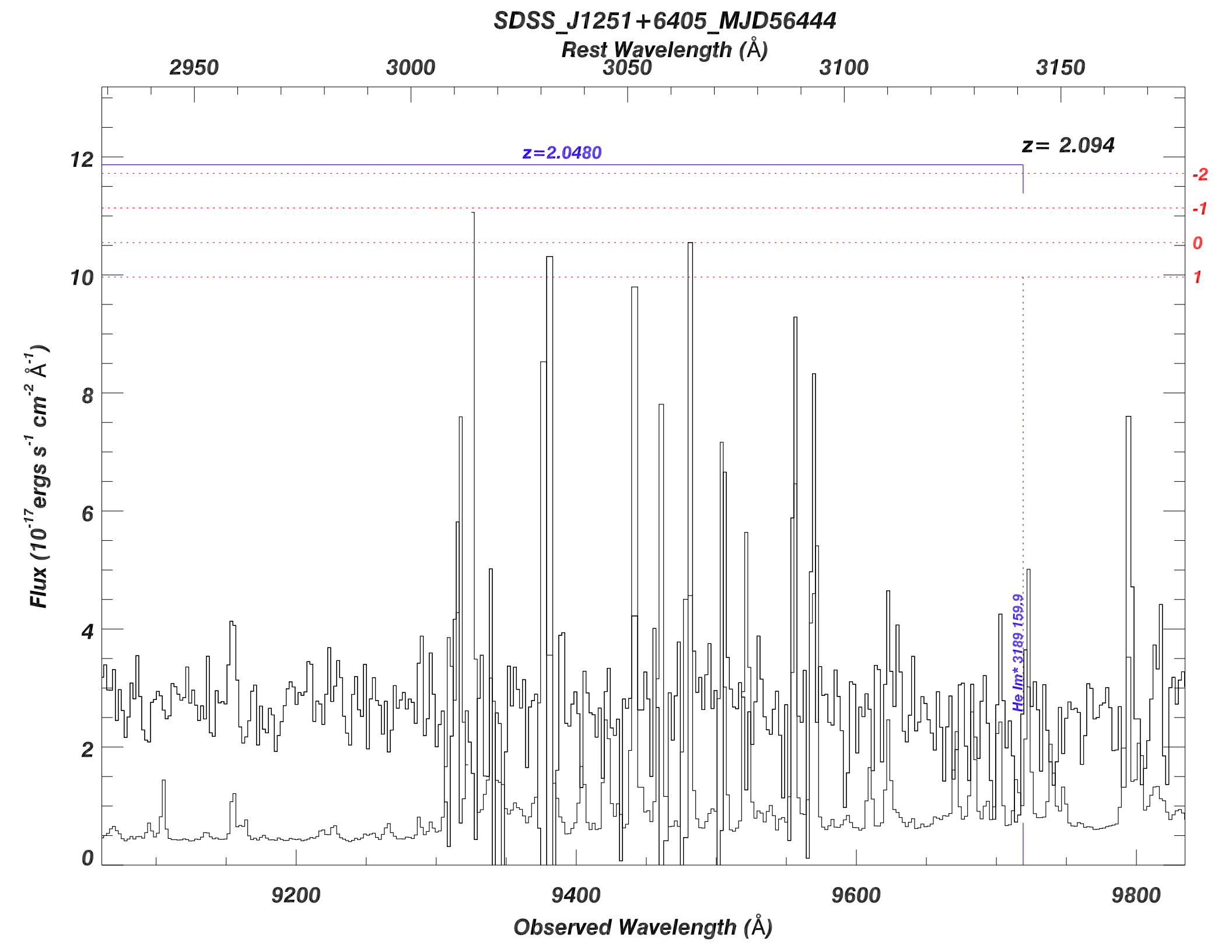

SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
1850
1900
1950
2000
2050
z=2.0480
z= 2.094
-2
-1
0
1
Al III 1855 2.0529
Al III 1863 0.0
Al III 1863 2.0571
Al III 1855 2.0571
Al III 1863 2.0529
Al III 1855 2.0752
Al III 1863 2.0752
Al I 1932 0.0
Al Im* 1936 0.1
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
2
4
6
8
10
5800
6000
6200
6400
Observed Wavelength (Å)

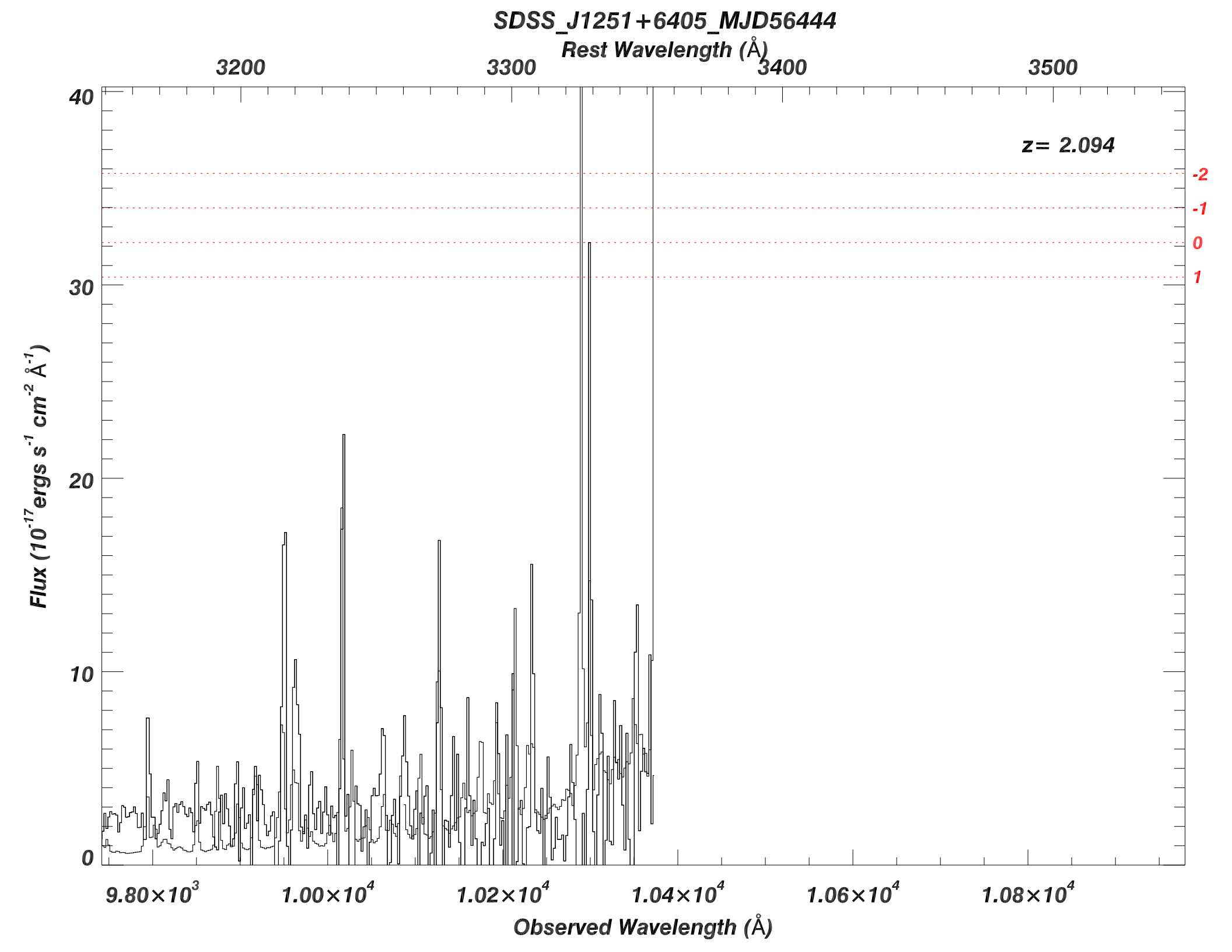

SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
2050
2100
2150
2200
2250
z=2.0480
z= 2.094
-2
-1
0
1
Fe II 2344 1.9328
Fe II 2374 1.9328
Fe II 2383 1.9328
Fe II 2344 1.9887
Fe II 2374 1.9887
Fe II 2344 2.0261
Fe IIm* 2333 0.4
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
0
2
4
6
8
6400
6600
6800
7000
Observed Wavelength (Å)


SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
2300
2350
2400
2450
2500
z=2.0480
z= 2.094
Fe II 2374 2.0571
Fe II 2383 2.0571
Fe II 2344 2.0571
Fe IIm* 2407 0.9
Fe IIm* 2414 1.0
Fe II 2587 1.9887
Fe II 2374 1.9887
Fe IIm* 2349 0.7
Fe II 2374 2.0529
Fe IIm* 2389 0.4
Fe IIm* 2396 0.4
Fe II 2383 2.0752
Fe IIm* 2412 1.0
Fe II 2600 1.9328
Fe II 2344 2.0261
Fe IIm* 2333 0.4
Fe II 2383 1.9887
Fe IIm* 2339 0.9
Fe II 2344 0.0
Fe II 2344 2.0529
Fe II 2374 2.0261
Fe II 2374 0.0
Fe II 2383 0.0
Fe II 2383 2.0529
Fe II 2374 2.0752
Fe IIm* 2400 0.7
Fe IIm* 2406 0.7
Fe IIm* 2411 0.9
Fe I 2484 0.0
Fe II 2587 1.9328
Fe I 2524 0.0
Fe II 2600 1.9887
-2
-1
0
1
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
1
2
3
4
5
6
7200
7400
7600
Observed Wavelength (Å)


SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
2500
2550
2600
2650
2700
z=2.0480
z= 2.094
Fe II 2600 0.0
Fe II 2599 0.4
Fe II 2587 1.9887
Fe II 2600 1.9887
Fe II 2587 2.0261
Mn II 2577 0.0
Fe II 2600 2.0261
Fe II 2587 0.0
Fe II 2587 2.0529
Mn II 2594 0.0
Fe II 2587 2.0571
Fe II 2600 2.0529
Fe II 2600 2.0571
Fe II 2587 2.0752
Fe II 2615 0.9
Mn II 2606 0.0
Fe II 2600 2.0752
Fe II 2626 0.4
Fe II 2629 1.0
Fe II 2632 0.7
Mg II 2796 1.9328
Mg II 2804 1.9328
Mg II 2796 1.9887
Mg I 2853 1.9328
Mg II 2804 1.9887
Mg II 2796 2.0261
Fe II 2608 0.7
Fe II 2613 0.4
-2
-1
0
1
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
0
2
4
6
8
7800
8000
8200
8400
Observed Wavelength (Å)


SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
2750
2800
2850
2900
2950
z=2.0480
z= 2.094
-2
-1
0
1
Mg II 2796 2.0261
Mg I 2853 1.9887
Mg II 2804 0.0
Mg II 2804 2.0529
Mg I 2853 2.0752
He Im* 2946.159.9
Mg II 2804 2.0261
Mg II 2796 0.0
Mg II 2796 2.0529
Mg II 2796 2.0571
Mg II 2804 2.0571
Mg II 2796 2.0752
Mg II 2804 2.0752
Mg I 2853 2.0261
Mg I 2853 0.0
Mg I 2853 2.0529
Mg I 2853 2.0571
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
2
4
6
8
8400
8600
8800
9000
Observed Wavelength (Å)


SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
2950
3000
3050
3100
3150
z=2.0480
z= 2.094
-2
-1
0
1
12
10
8
6
4
2
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
He Im* 3189.159.9
9200
9400
9600
9800
Observed Wavelength (Å)


SDSS_J1251+6405_MJD56444
Rest Wavelength (Å)
3200
3300
3400
3500
z= 2.094
-2
-1
0
1
40
30
20
10
0
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
9.80×10^3
1.00×10^4
1.02×10^4
1.04×10^4
1.06×10^4
1.08×10^4
Observed Wavelength (Å)