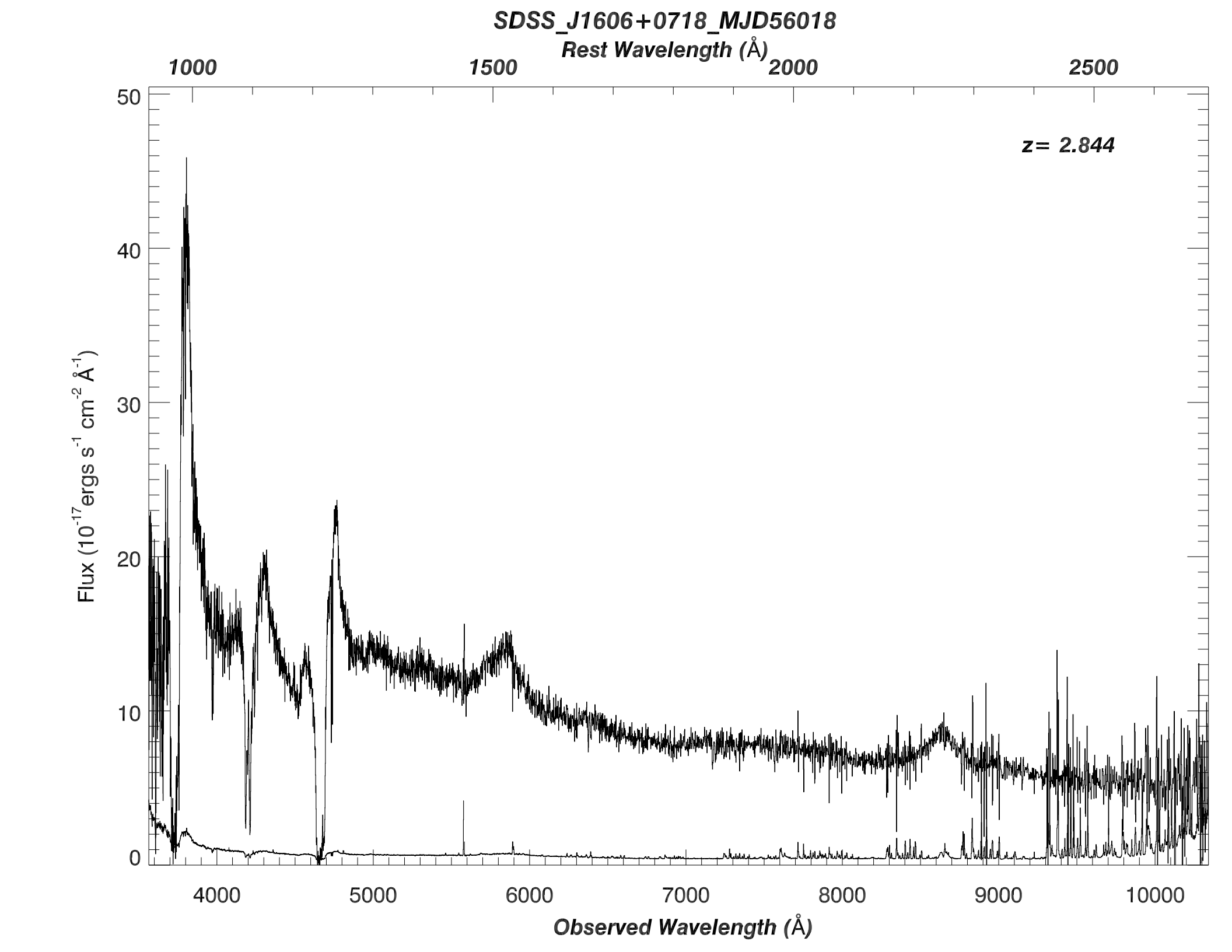
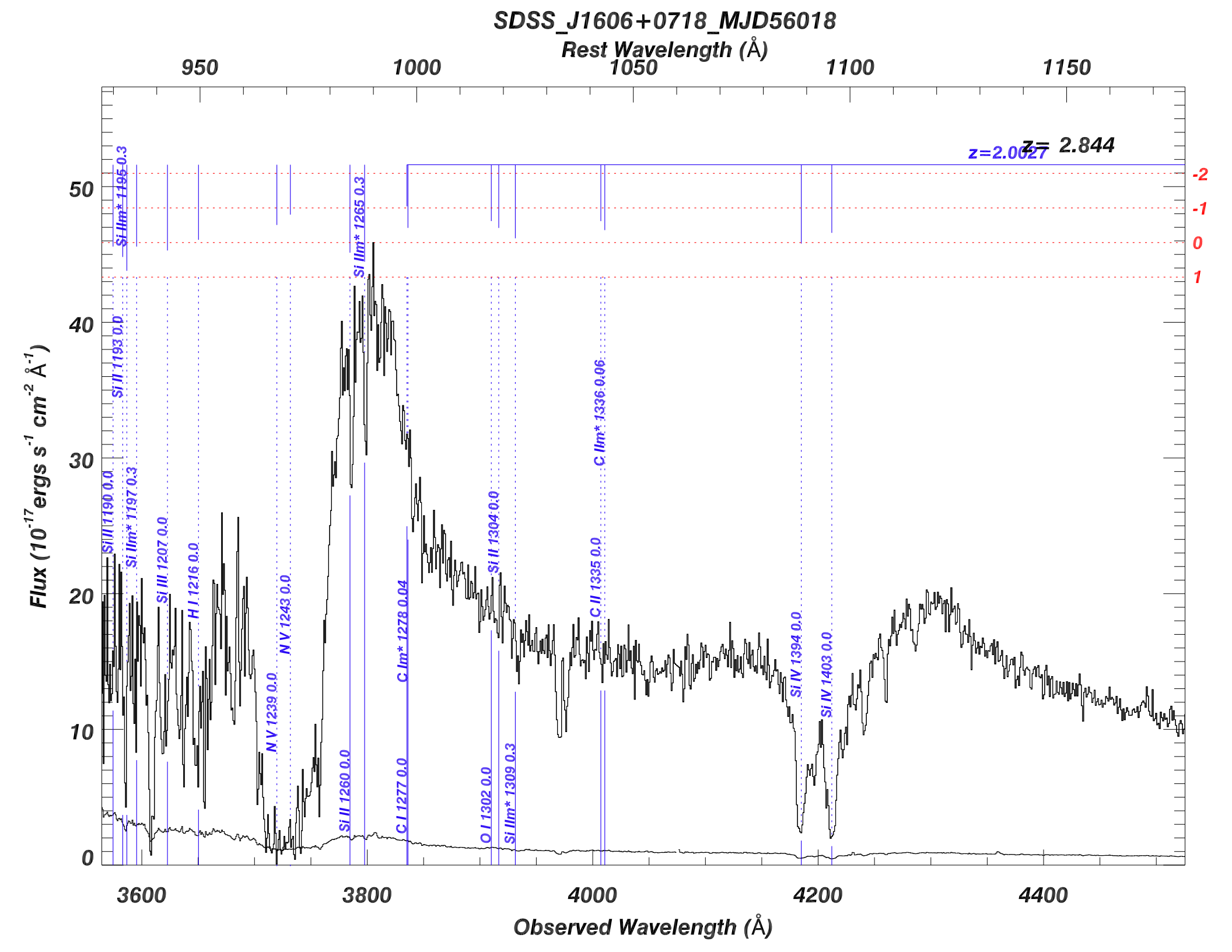
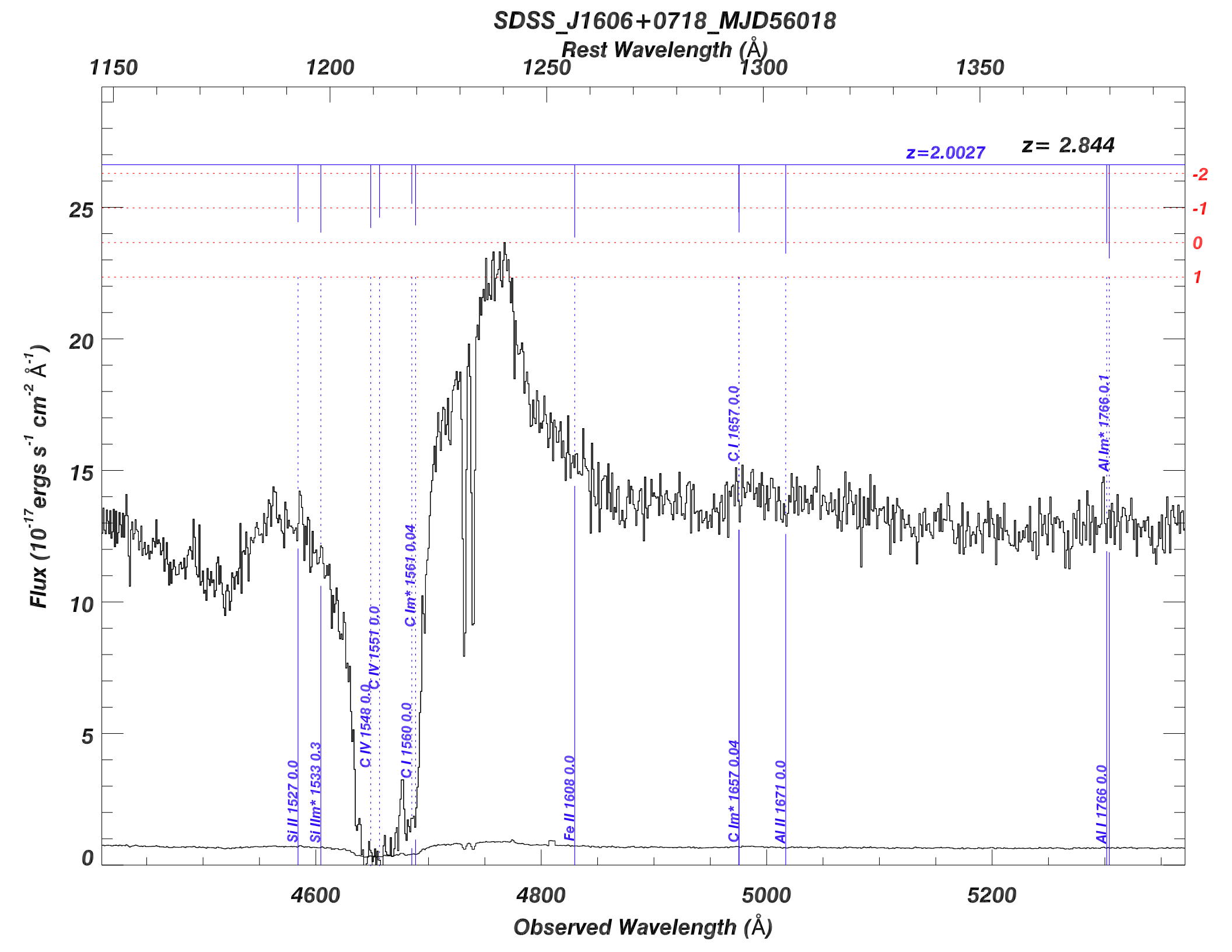
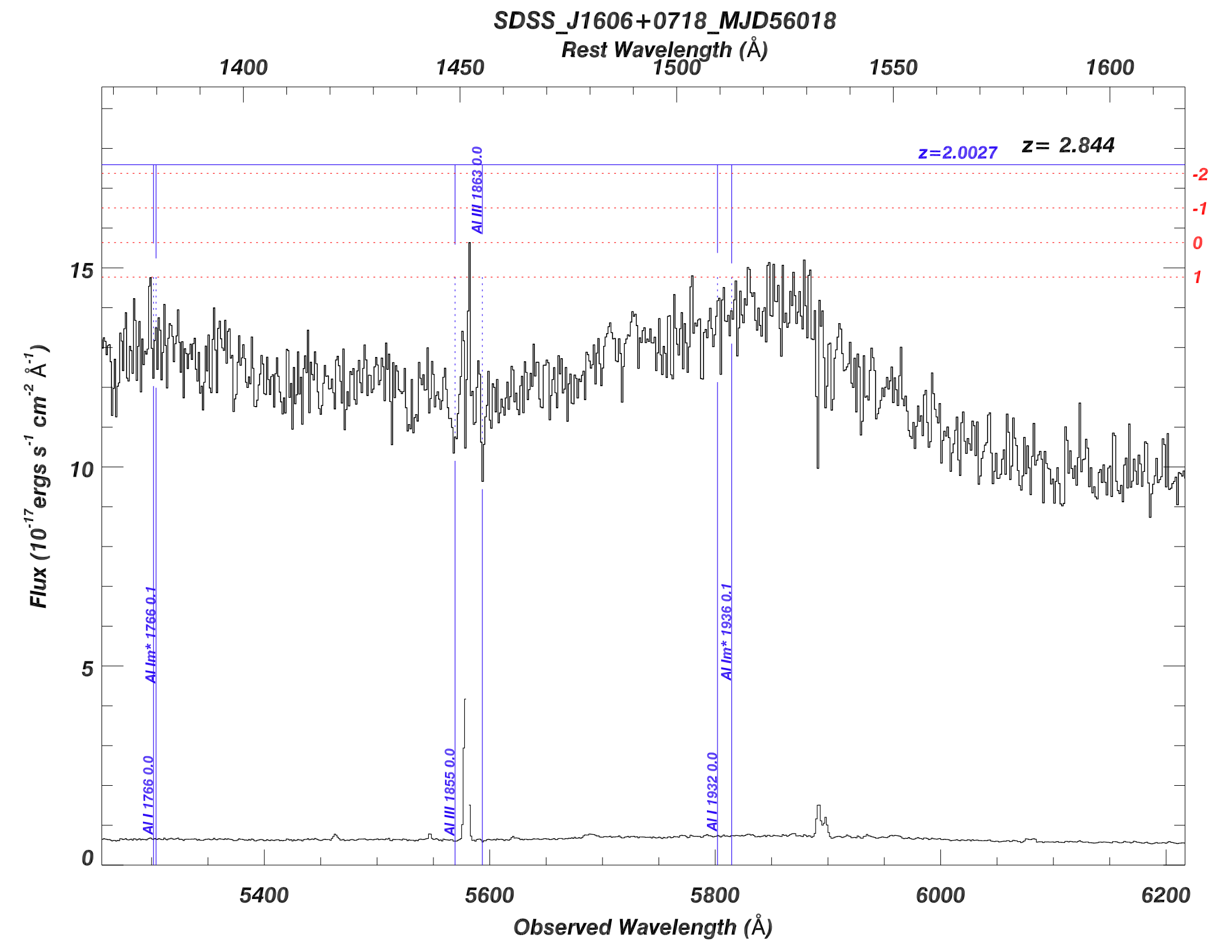
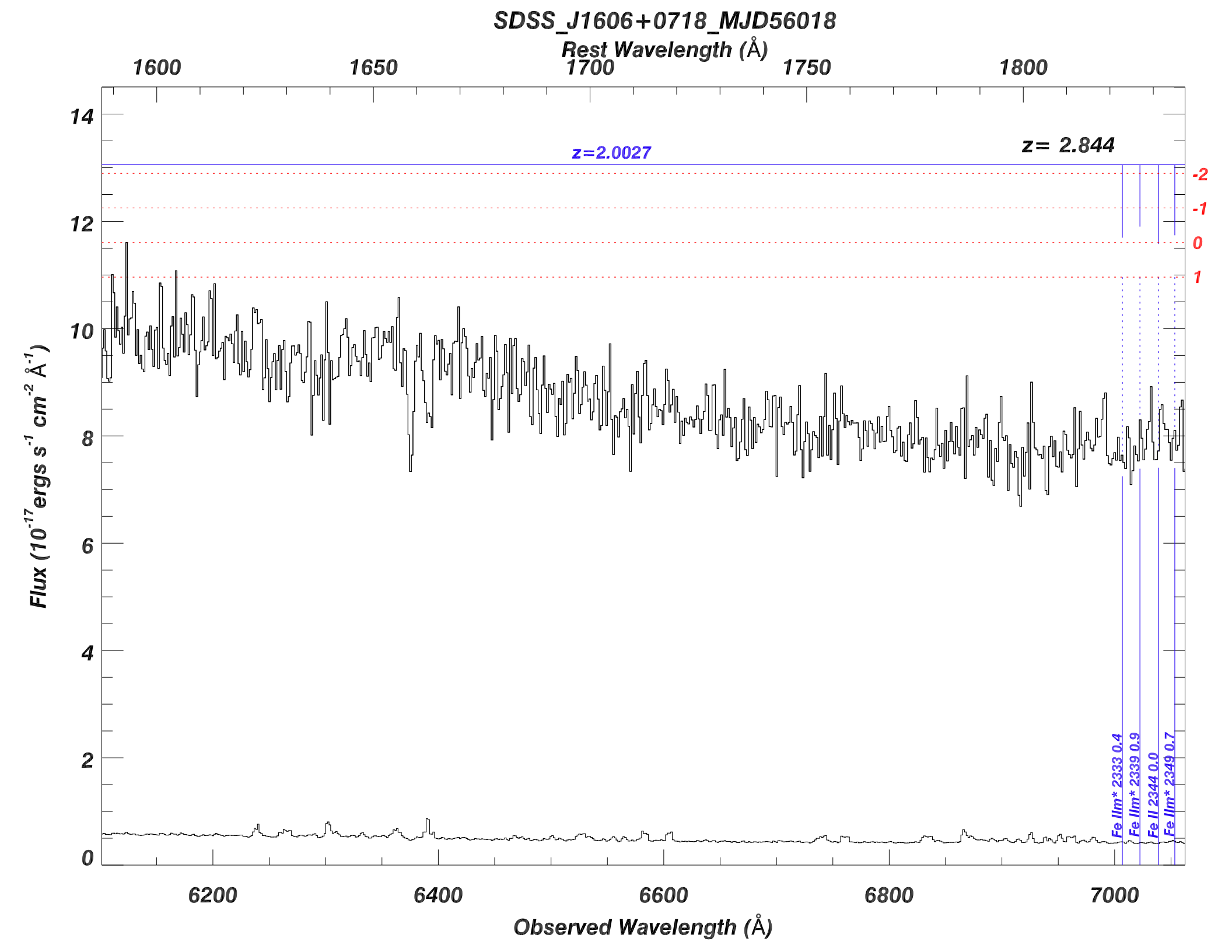
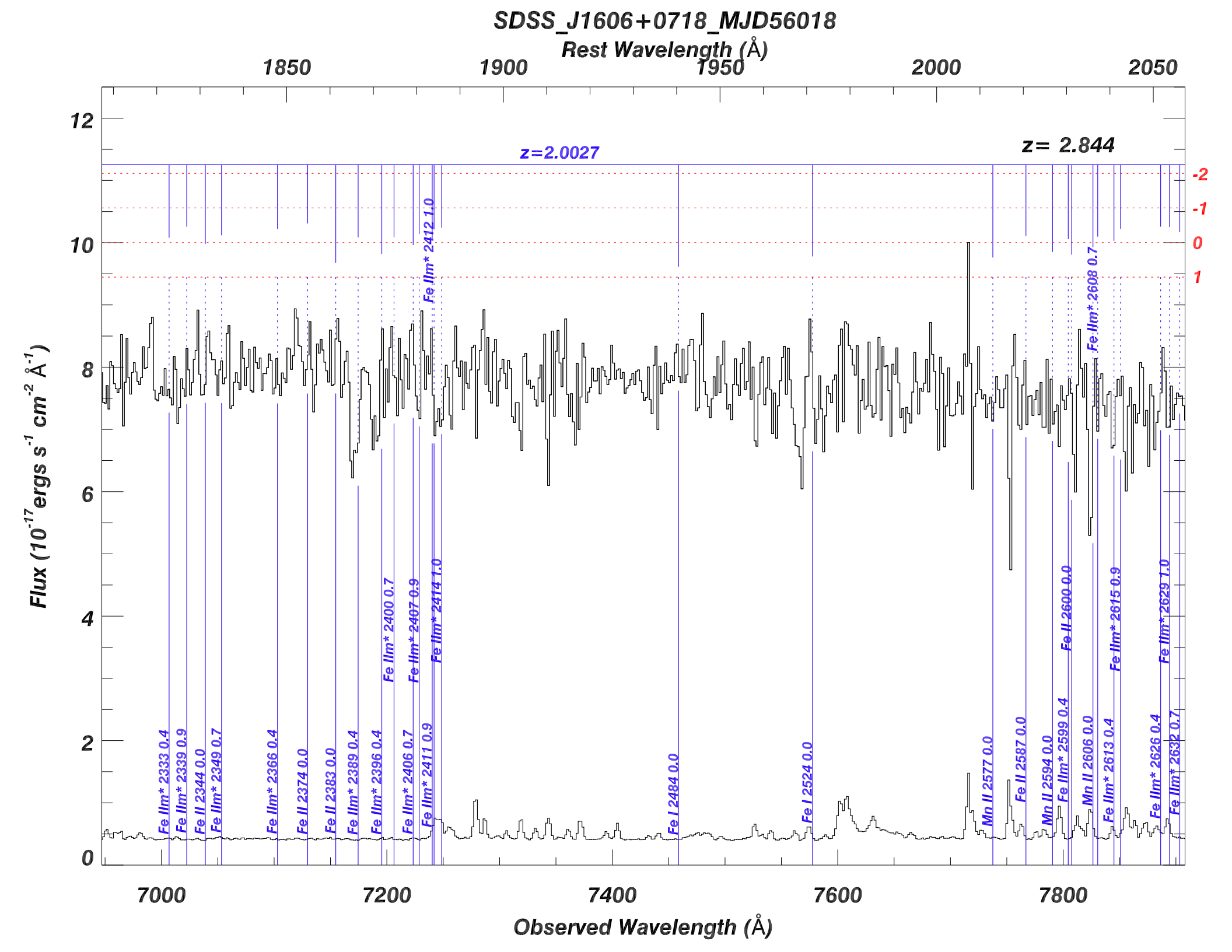

SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
1000
1500
2000
2500
z= 2.844
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
10
20
30
40
50
4000
5000
6000
7000
8000
9000
10000
Observed Wavelength (Å)

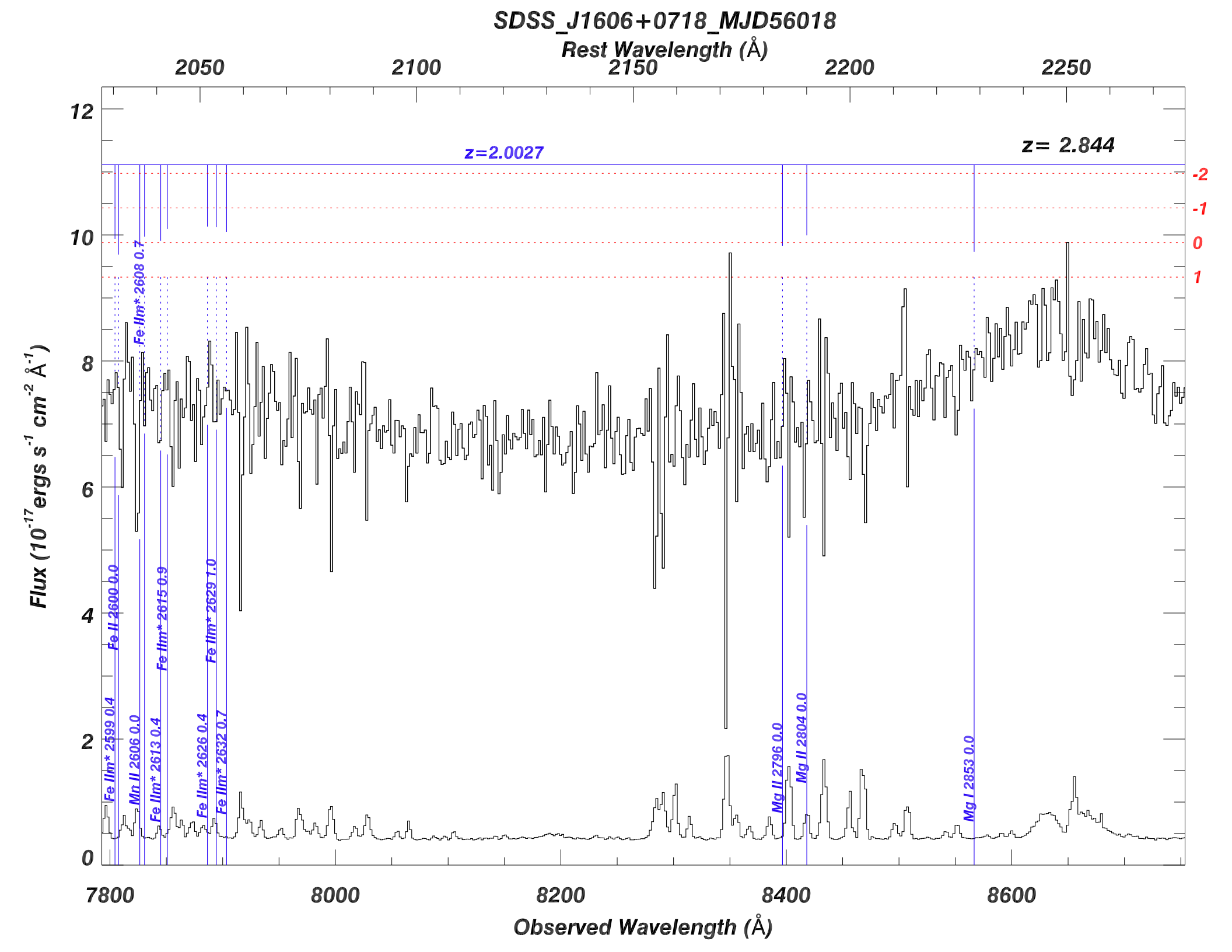

SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
950
1000
1050
1100
1150
z= 2.844
z=2.0027
-2
-1
0
1
Si IIm* 1195 0.3
Si II 1193 0.0
Si IIm* 1197 0.3
SiIII 1190 0.0
Si III 1207 0.0
H I 1216 0.0
N V 1239 0.0
N V 1243 0.0
Si II 1260 0.0
Si IIm* 1265 0.3
C I 1277 0.0
C Im* 1278 0.04
O I 1302 0.0
Si IIm* 1309 0.3
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
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
10
20
30
40
50
3600
3800
4000
4200
4400
Observed Wavelength (Å)

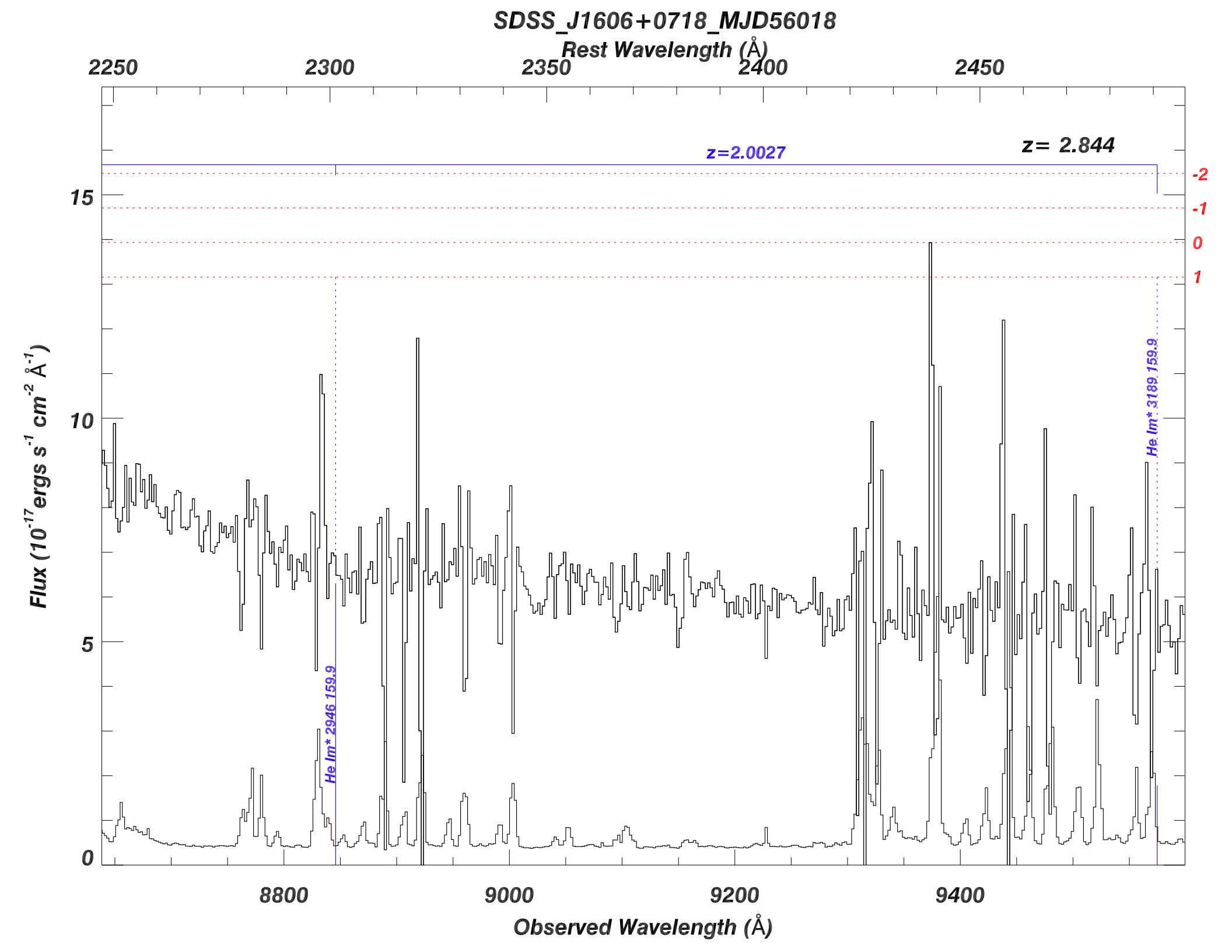

SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
1150
1200
1250
1300
1350
z=2.0027
z= 2.844
-2
-1
0
1
25
20
15
10
5
0
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
Si II 1527 0.0
Si IIm* 1533 0.3
C IV 1548 0.0
C IV 1551 0.0
C I 1560 0.0
C Im* 1561 0.04
Fe II 1608 0.0
C I 1657 0.0
C Im* 1657 0.04
Al II 1671 0.0
Al Im* 1766 0.1
Al I 1766 0.0
4600
4800
5000
5200
Observed Wavelength (Å)

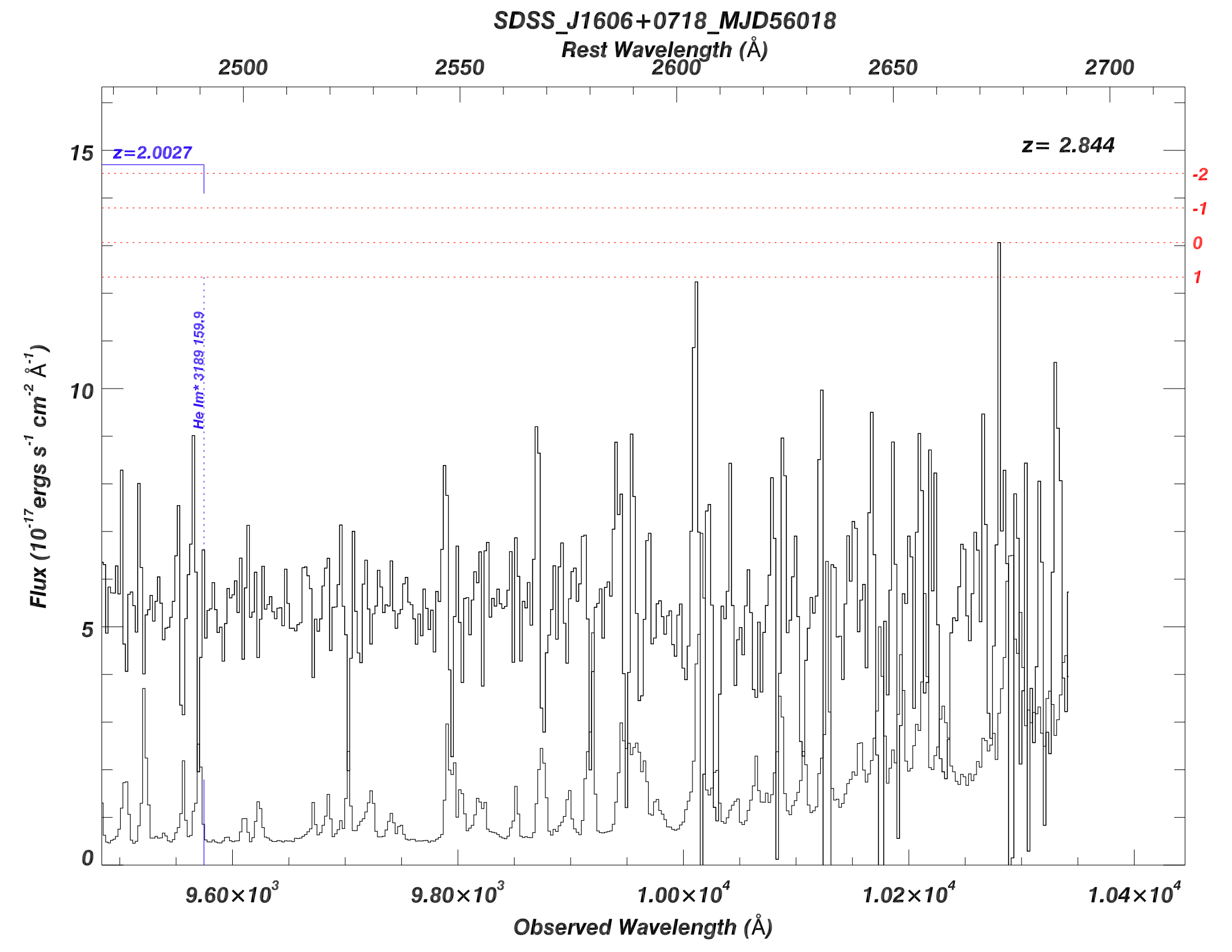

SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
1400
1450
1500
1550
1600
z=2.0027
z= 2.844
-2
-1
0
1
Al III 1863 0.0
Al I 1766 0.0
Al Im* 1766 0.1
Al III 1855 0.0
Al I 1932 0.0
Al Im* 1936 0.1
15
10
5
0
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
5400
5600
5800
6000
6200
Observed Wavelength (Å)


SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
1600
1650
1700
1750
1800
z=2.0027
z= 2.844
-2
-1
0
1
Fe IIm* 2333 0.4
Fe IIm* 2339 0.9
Fe II 2344 0.0
Fe IIm* 2349 0.7
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
0
2
4
6
8
10
12
14
6200
6400
6600
6800
7000
Observed Wavelength (Å)


SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
1850
1900
1950
2000
2050
z=2.0027
z= 2.844
-2
-1
0
1
12
10
8
6
4
2
0
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
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
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
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 IIm* 2626 0.4
Fe IIm* 2629 1.0
Fe IIm* 2632 0.7
7000
7200
7400
7600
7800
Observed Wavelength (Å)


SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
2050
2100
2150
2200
2250
z=2.0027
z= 2.844
-2
-1
0
1
Fe II 2600 0.0
Fe IIm* 2608 0.7
Mn II 2606 0.0
Fe IIm* 2599 0.4
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 2804 0.0
Mg I 2853 0.0
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
0
2
4
6
8
10
12
7800
8000
8200
8400
8600
Observed Wavelength (Å)


SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
2250
2300
2350
2400
2450
z=2.0027
z= 2.844
-2
-1
0
1
15
10
5
0
Flux (10^-17 ergs s^-1 cm^-2 Å^-1)
He Im* 2946 159.9
He Im* 3189 159.9
8800
9000
9200
9400
Observed Wavelength (Å)


SDSS_J1606+0718_MJD56018
Rest Wavelength (Å)
2500
2550
2600
2650
2700
z= 2.844
z=2.0027
He Im* 3189.159.9
-2
-1
0
1
15
10
5
0
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
1.04×10^4
Observed Wavelength (Å)