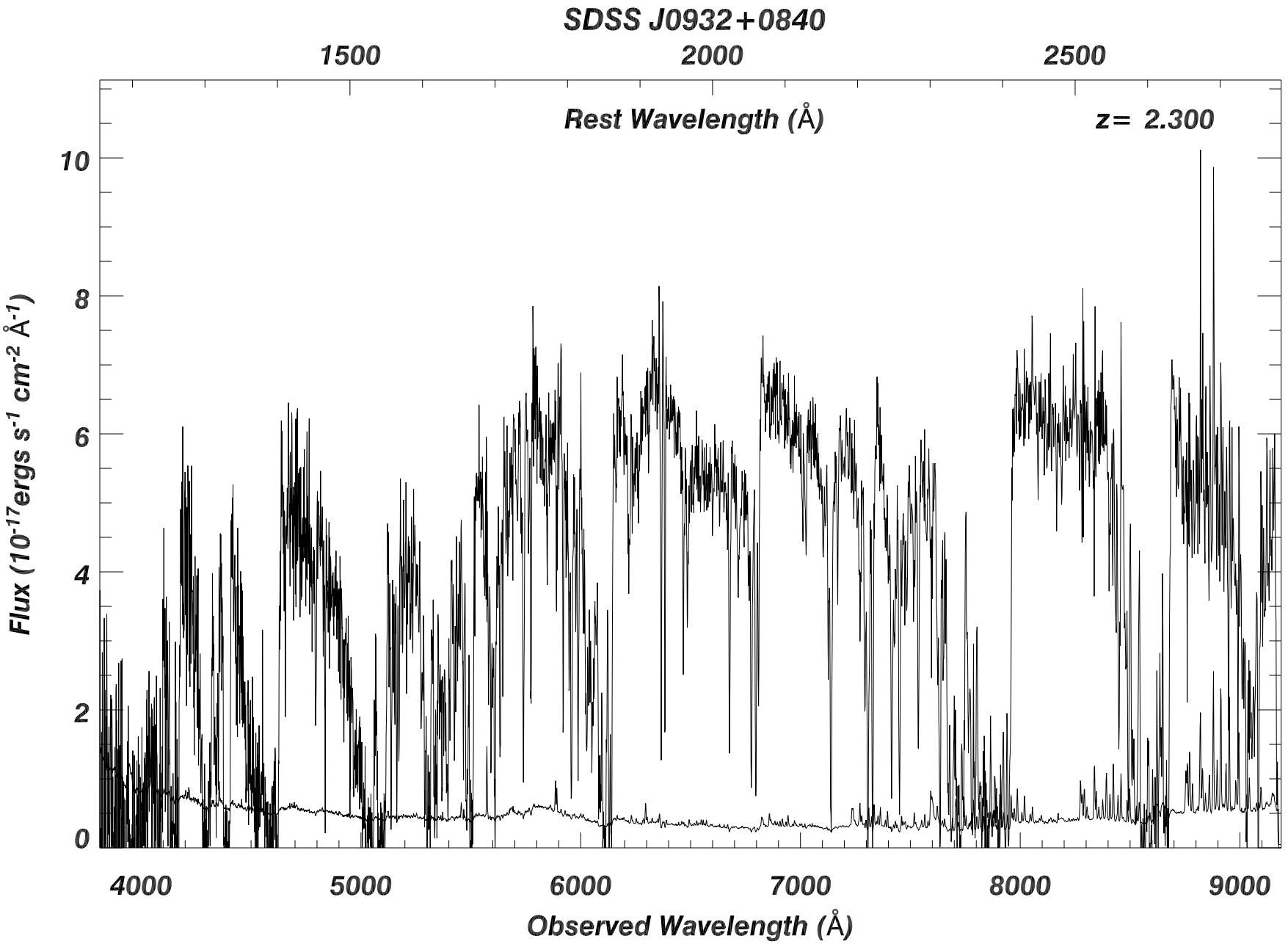
SDSS J0932+0840
1500
2000
2500
Rest Wavelength (Å)
z= 2.300
10
8
6
4
2
0
Flux (10-17ergs s-1 cm-2 Å-1)
4000
5000
6000
7000
8000
9000
Observed Wavelength (Å)

SDSS J0932+0840
Rest Wavelength (Å)
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
z= 2.300
z=2.2955
1200
1250
1300
1350
1400
4000
4200
4400
4600
0
2
4
6
Al II 1671 1.3126
H I 1216 0.0
Fe IIm* 1224 21.4
N V 1239 0.0
N V 1243 0.0
Fe IIm* 1250 13.5
Si II 1260 0.0
Si IIm* 1265 0.3
Fe IIm* 1267 0.4
Al III 1863 1.2767
Fe IIm* 1291 32.9
Fe IIm* 1296 13.5
C II 1302 0.0
Si II 1304 0.0
Al III 1855 1.3126
Si IIm* 1309 0.3
Ni II 1317 0.0
Al III 1855 1.2767
Fe IIm* 1277 13.9
C II 1335 0.0
Si IV 1394 0.0
Si IV 1403 0.0
Fe IIm* 1377 13.9
Ni IIm* 1381 1.5
Ni II 1370 0.0
Fe IIm* 1361 13.5
Ni IIm* 1362 23.1

SDSS J0932+0840
Rest Wavelength (Å)
z= 2.300
z=2.2955
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
1400
1450
1500
1550
1600
4600
4800
5000
5200
0
2
4
6
8
Fe IIm* 1377 13.9
Ni IIm* 1381 1.5
Si IV 1394 0.0
Si IV 1403 0.0
Ni IIm* 1411 1.5
Fe IIm* 1425 2.4
Fe IIm* 1431 26.2
Fe IIm* 1448 27.3
Ni II 1455 0.0
Si II 1527 0.0
Si IIm* 1533 0.3
C IV 1548 0.0
C IV 1551 0.0
Fe IIm* 1559 1.9
Fe IIm* 1564 2.4
Fe IIm* 1570 2.8
Fe IIm* 1575 3.1
Fe IIm* 1581 2.4
Fe IIm* 1585 2.8
Fe II 1608 0.0
Fe IIm* 1622 0.4
Fe N 2344 1.2767

SDSS J0932+0840
z= 2.300
z=2.2955
Rest Wavelength (Å)
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
1600
1650
1700
1750
1800
5400
5600
5800
6000
0
2
4
6
8
Fe II 1608 0.0
Fe II* 1622 0.4
Fe II 2344 1.2767
Fe II* 1629 0.7
Fe II* 1636 0.9
Fe II 2374 1.2767
Fe II 2344 1.3126
Fe II 2383 1.2767
Fe II* 1650 8.7
Fe II* 1659 2.4
Al II 1671 0.0
Fe II 2374 1.3126
Fe II 2383 1.3126
Ni II 1710 0.0
Fe II* 1702 1.9
Fe II* 1697 1.9
Ni II 1742 0.0
Ni II 1752 0.0
Fe II* 1679 13.5
Fe II* 1686 2.4
Fe II* 1691 13.5
Fe II* 1721 2.8
Fe II* 1726 3.1
Fe II* 1761 16.4
Fe II* 1785 23.3
Ni II* 1788 1.5
Fe II 2587 1.2767
Si II 1808 0.0
Si II* 1817 0.3
Fe II 2600 1.2767
Fe II 2600 1.3126
Fe II 2587 1.3126

SDSS J0932+0840
Rest Wavelength (Å)
Observed Wavelength (Å)
Flux (10^{-17}ergs s^{-1} cm^{-2} Å^{-1})
z= 2.300
z=2.2955
Fe II 2600 1.3126
Fe II 2587 1.3126
Si II 1808 0.0
Si II* 1817 0.3
Al III 1855 0.0
Al III 1863 0.0
Fe II* 1877 20.3
Fe II* 1889 20.8
Fe II* 1895 30.1
Fe II* 1914 30.1
Fe II* 1926 30.1
Mg II 2796 1.3126
Mg II 2804 1.3126
Mg I 2853 1.3126
Mg II 2796 1.2767
Mg II 2804 1.2767
Fe II* 2001 20.3
Fe II* 2008 13.7
Fe II* 2016 13.7
Ni II* 2020 24.8

SDSS J0932+0840
Rest Wavelength (Å)
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
z= 2.300
z=2.2955
Ni IIm* 2020 24.8
Fe IIm* 2069 41.0
Fe IIm* 2062 41.0
Fe IIm* 2080 41.0
Ni IIm* 2098 23.1
Fe IIm* 2165 13.5
Ni IIm* 2166 8.4
Ni IIm* 2175 9.3
Ni IIm* 2181 24.8
Ni IIm* 2185 10.7
Ni IIm* 2202 10.7
Ni IIm* 2207 10.1
Ni IIm* 2217 8.4
Fe IIm* 2235 20.8
Ni IIm* 2255 10.7
Ni IIm* 2265 10.1
Ni IIm* 2226 9.3

SDSS J0932+0840
Rest Wavelength (Å)
Observed Wavelength (Å)
Flux (10^{-17} ergs s^{-1} cm^{-2} Å^{-1})
z= 2.300
z=2.2955
Fe IIm* 2235 20.8
Ni IIm* 2255 10.7
Ni IIm* 2271 9.3
Ni IIm* 2275 24.8
Ni IIm* 2279 13.6
Ni IIm* 2265 10.1
Ni IIm* 2299 15.0
Ni IIm* 2304 9.3
Ni IIm* 2288 15.0
Fe IIm* 2328 0.7
Ni IIm* 2317 8.4
Fe IIm* 2333 0.4
Fe IIm* 2339 0.9
Fe II 2344 0.0
Fe IIm* 2349 0.7
Fe IIm* 2360 0.9
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* 2406 0.7
Fe IIm* 2411 0.9
Fe IIm* 2425 22.6
Fe IIm* 2429 31.5
Fe IIm* 2434 32.9
Ni IIm* 2439 13.6
Fe IIm* 2440 25.4
Fe IIm* 2448 32.9
Fe IIm* 2455 32.9
Fe IIm* 2460 25.8
Fe IIm* 2470 31.5
Fe IIm* 2476 26.0

SDSS J0932+0840
Rest Wavelength (Å)
Observed Wavelength (Å)
Flux (10^{-17}ergs s^{-1} cm^{-2} Å^{-1})
z= 2.300
z=2.2955
Fe IIm* 2455 32.9
Fe IIm* 2460 25.8
Fe IIm* 2470 31.5
Fe IIm* 2476 26.0
Fe IIm* 2487 25.8
Fe IIm* 2494 21.3
Fe IIm* 2500 21.6
Fe IIm* 2504 25.4
Ni IIm* 2512 13.6
Fe IIm* 2513 21.7
Fe IIm* 2526 21.3
Fe IIm* 2530 22.6
Fe IIm* 2534 21.4
Fe IIm* 2540 21.3
Fe IIm* 2550 30.4
Fe IIm* 2551 26.4
Fe IIm* 2563 8.0
Mn II 2577 0.0
Fe II 2587 0.0
Mn II 2594 0.0
Fe II 2600 0.0
Mn II 2606 0.0
Fe IIm* 2608 0.7
Fe IIm* 2613 0.4
Fe IIm* 2632 0.7
Fe IIm* 2638 26.9
Fe IIm* 2665 27.3
Fe IIm* 2686 30.8
Fe IIm* 2693 30.4