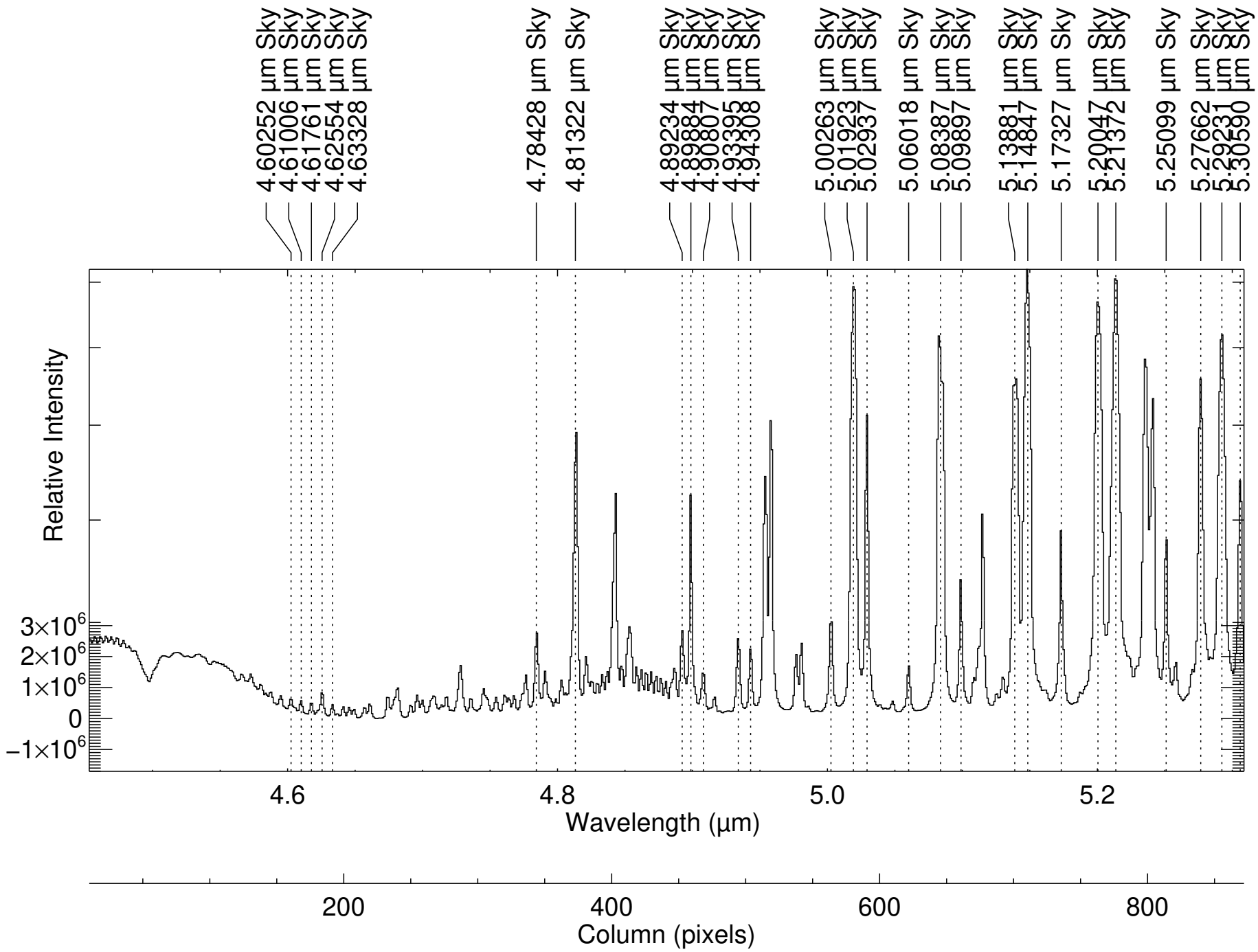
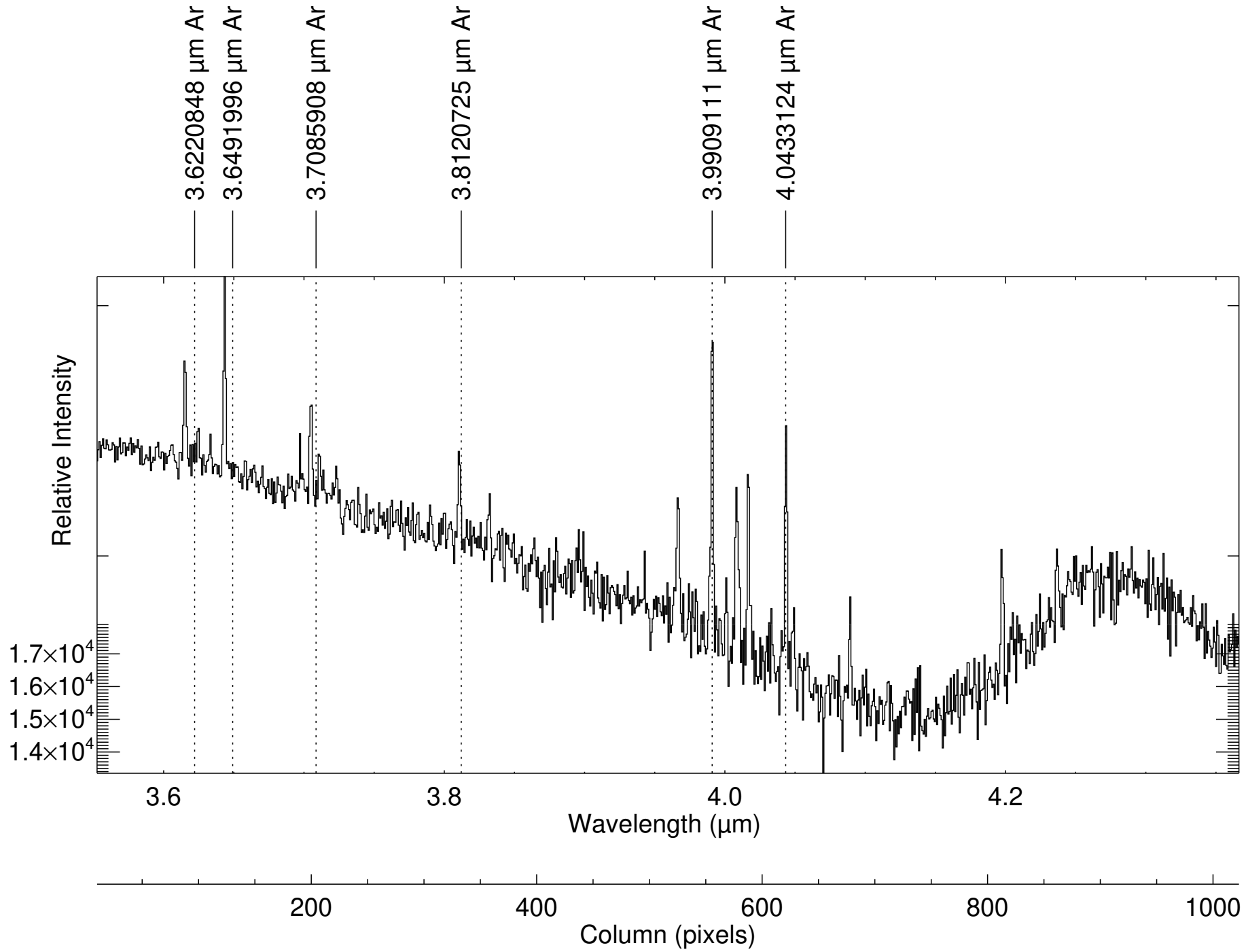
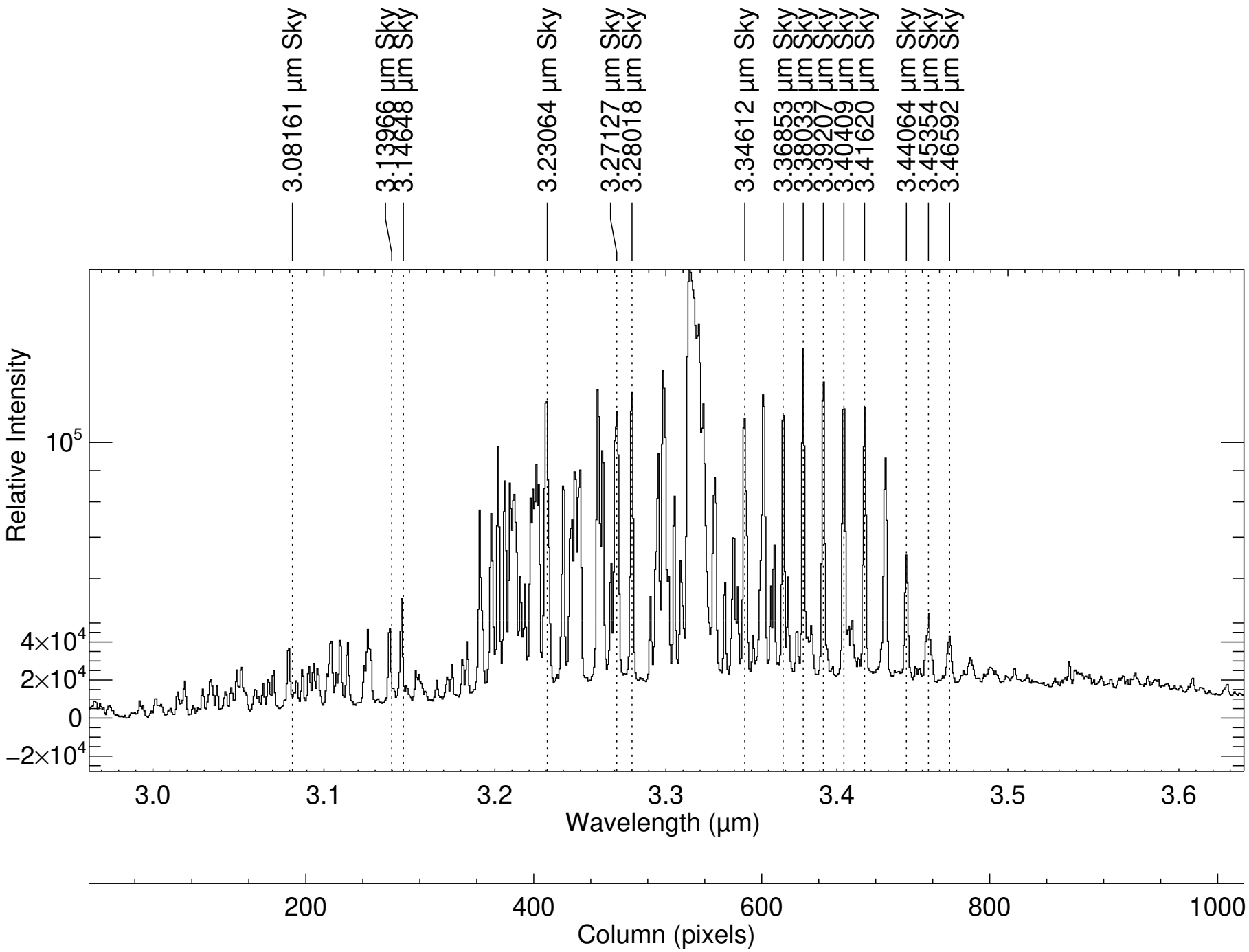
# Order 4


4.60252 µm Sky
4.61006 µm Sky
4.61761 µm Sky
4.62554 µm Sky
4.63328 µm Sky
4.78428 µm Sky
4.81322 µm Sky
4.89234 µm Sky
4.89884 µm Sky
4.90807 µm Sky
4.93395 µm Sky
4.94308 µm Sky
5.00263 µm Sky
5.01923 µm Sky
5.02937 µm Sky
5.06018 µm Sky
5.08387 µm Sky
5.09897 µm Sky
5.13881 µm Sky
5.14847 µm Sky
5.17327 µm Sky
5.20947 µm Sky
5.21372 µm Sky
5.25099 µm Sky
5.27662 µm Sky
5.29231 µm Sky
5.30590 µm Sky
Relative Intensity
3×10^6
2×10^6
1×10^6
0
−1×10^6
4.6
4.8
5.0
5.2
Wavelength (µm)
200
400
600
800
Column (pixels)

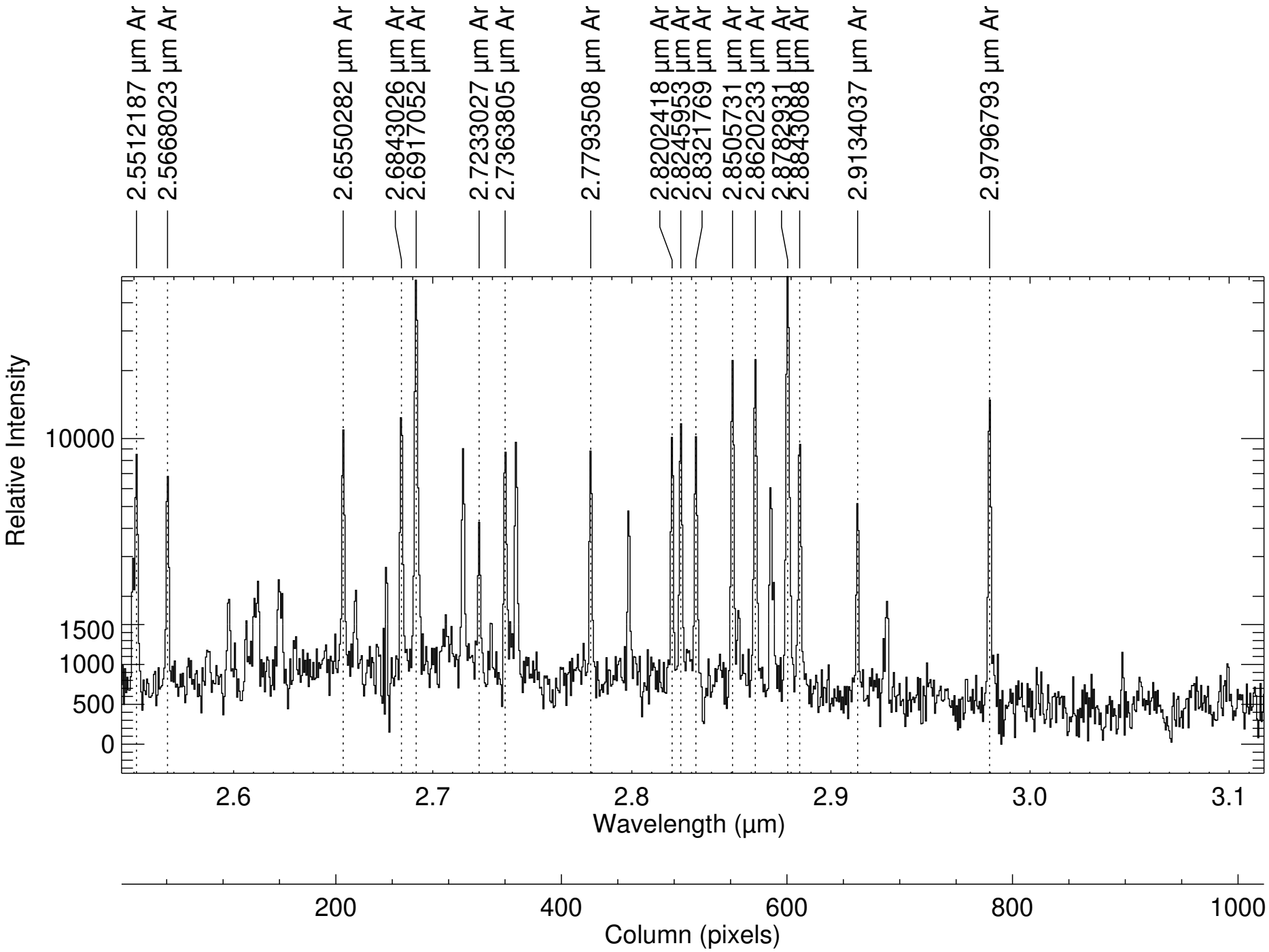
# Order 5


3.6220848 µm Ar
3.6491996 µm Ar
3.7085908 µm Ar
3.8120725 µm Ar
3.9909111 µm Ar
4.0433124 µm Ar
Relative Intensity
1.7×10^4
1.6×10^4
1.5×10^4
1.4×10^4
3.6
3.8
4.0
4.2
Wavelength (µm)
200
400
600
800
1000
Column (pixels)

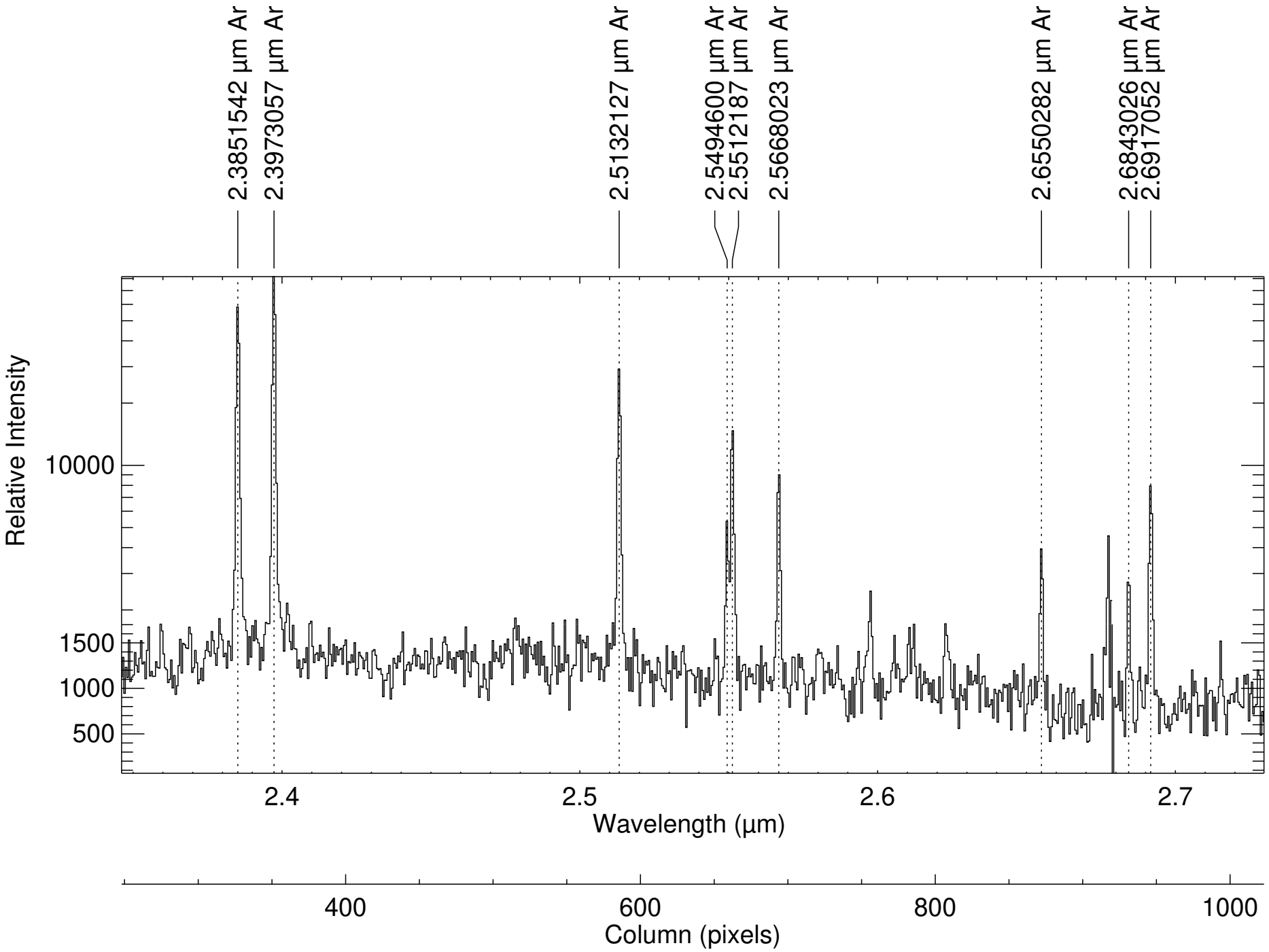
# Order 6


3.08161 µm Sky
3.13966 µm Sky
3.14648 µm Sky
3.23064 µm Sky
3.27127 µm Sky
3.28018 µm Sky
3.34612 µm Sky
3.36853 µm Sky
3.38033 µm Sky
3.39207 µm Sky
3.40409 µm Sky
3.41620 µm Sky
3.44064 µm Sky
3.45354 µm Sky
3.46592 µm Sky
Relative Intensity
10^5
4×10^4
2×10^4
0
−2×10^4
3.0
3.1
3.2
3.3
3.4
3.5
3.6
Wavelength (µm)
200
400
600
800
1000
Column (pixels)

# Order 7


2.5512187 µm Ar
2.5668023 µm Ar
2.6550282 µm Ar
2.6843026 µm Ar
2.6917052 µm Ar
2.7233027 µm Ar
2.7363805 µm Ar
2.7793508 µm Ar
2.8202418 µm Ar
2.8245953 µm Ar
2.8321769 µm Ar
2.8505731 µm Ar
2.8620233 µm Ar
2.8782931 µm Ar
2.8843088 µm Ar
2.9134037 µm Ar
2.9796793 µm Ar
Relative Intensity
10000
1500
1000
500
0
2.6
2.7
2.8
2.9
3.0
3.1
Wavelength (µm)
200
400
600
800
1000
Column (pixels)

# Order 8


2.3851542 µm Ar
2.3973057 µm Ar
2.5132127 µm Ar
2.5494600 µm Ar
2.5512187 µm Ar
2.5668023 µm Ar
2.6550282 µm Ar
2.6843026 µm Ar
2.6917052 µm Ar
Relative Intensity
10000
1500
1000
500
2.4
2.5
2.6
2.7
Wavelength (µm)
400
600
800
1000
Column (pixels)