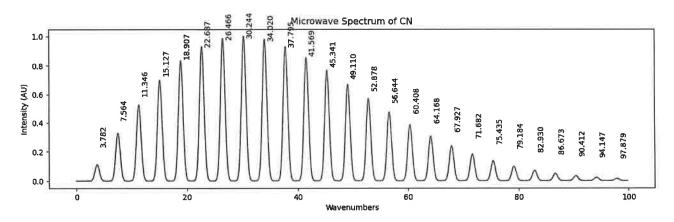
Quiz 11.2 - Rotational Spectroscopy

Name:

Below is a microwave spectrum of the CN radical



Using the spectrum, find the following quantities:

- 1. B 1. 89/cm-1
- 2. r (Bond length) 1.174
- 3. Temperature \approx 300 K
- 4. DJ 6-49.10-6 cm-1

Dee the spreadsheet