Malcolm Gray

- Find pumping scheme of 4.83GHz maser:
- it's in vib. ground state of H₂CO: 1₁₀ to 1₁₁
- thought to involve higher vibrational states
- not enough publicly available data
- derive own set of levels from spect. constants
- 'manufacture' collisional coefficients
- run some RT models and find inversion
- trace pump under optimum conditions