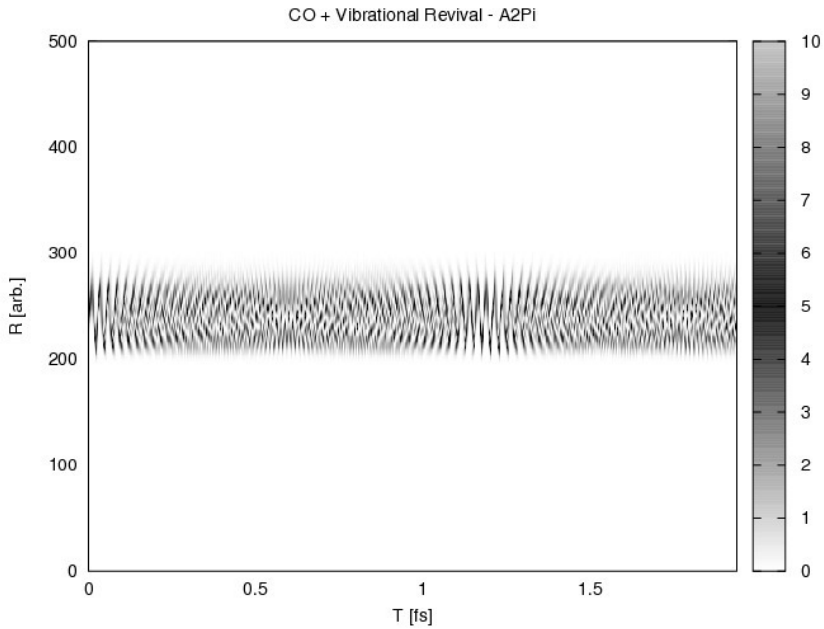
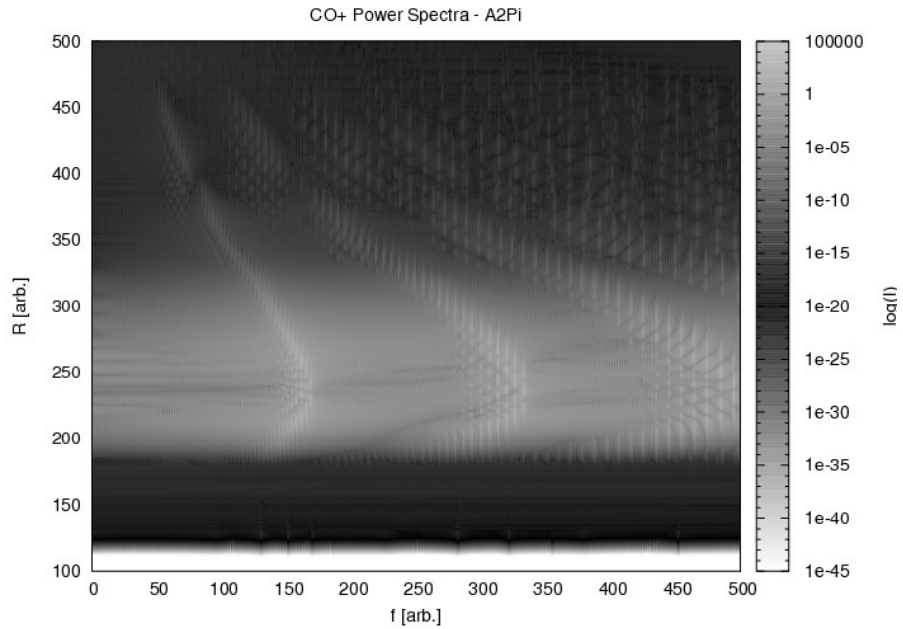
CO molecule

- Finished fitting / calculating potential curves / dipole transition elements with GAMESS
- Looked at vibrational revivals in various states
- Currently running 1-color pump-probe spectroscopy simulation





Issues and other projects

- Currently (re)running 2-color pump-probe spectroscopy simulation with Ne_2 to try and reproduce results from Maia's earlier work
- Code performance issues - looking into ways to parallelize, optimize existing code
- Look into using split-operator Fourier transform propagation