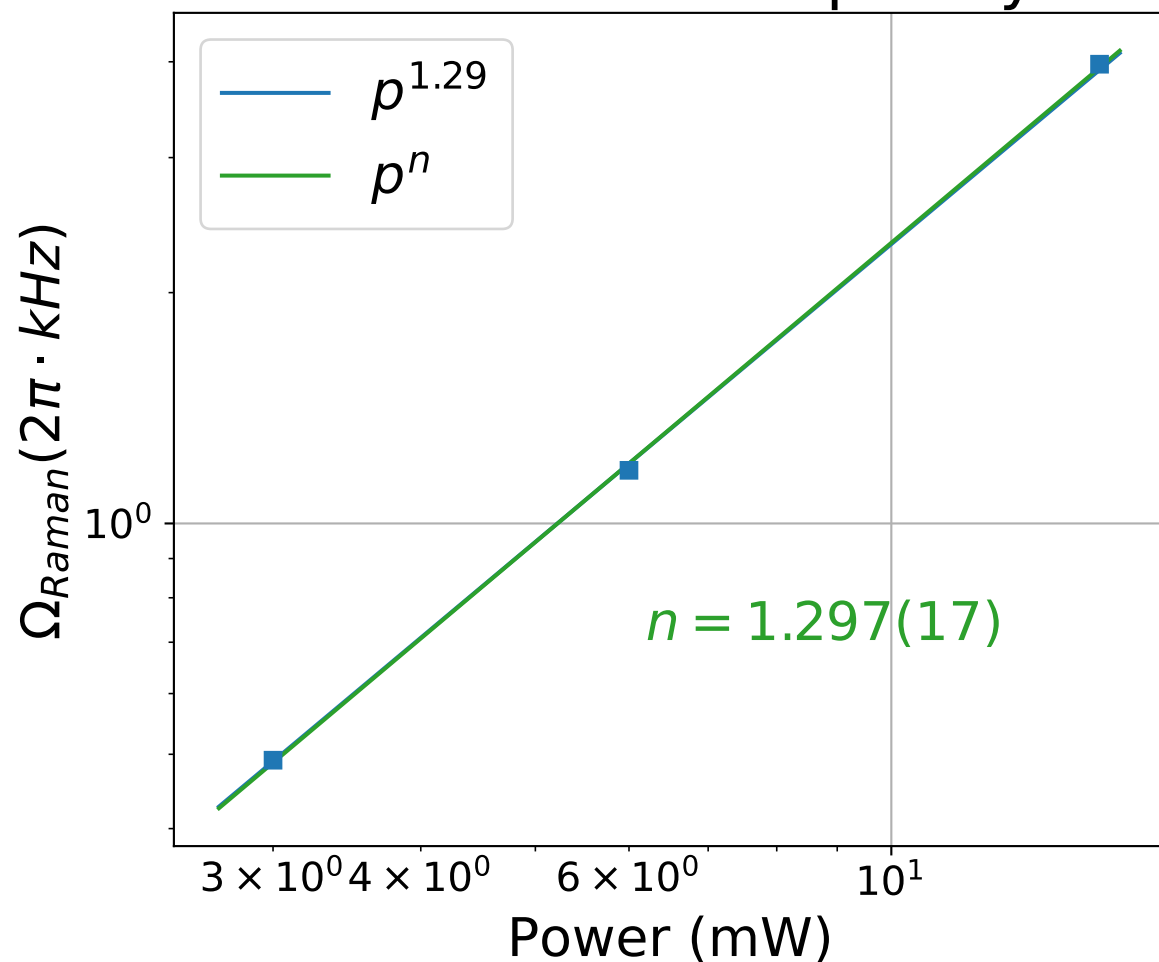
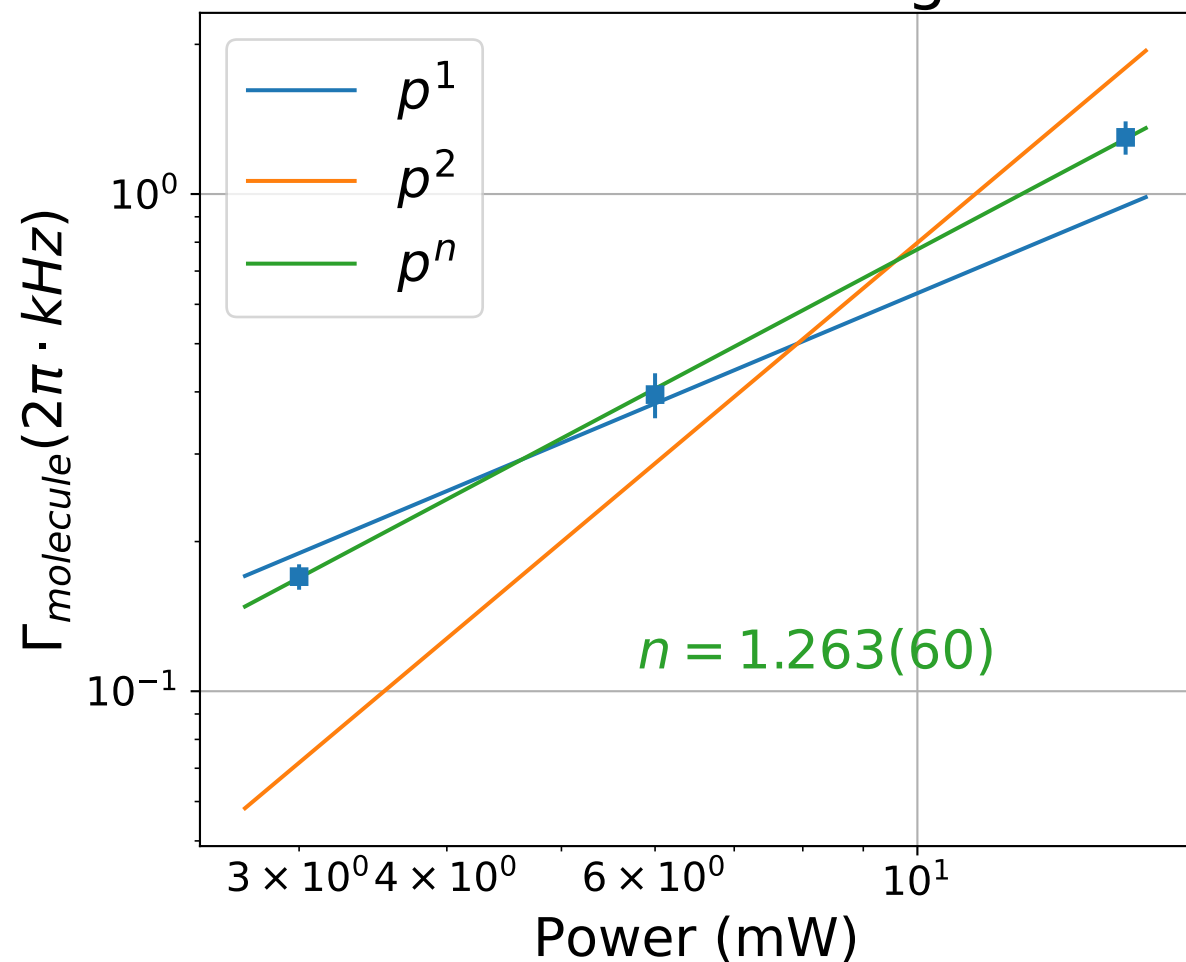


### Raman Rabi frequency



### Molecular scattering rate



### Atomic scattering (PA) rate

