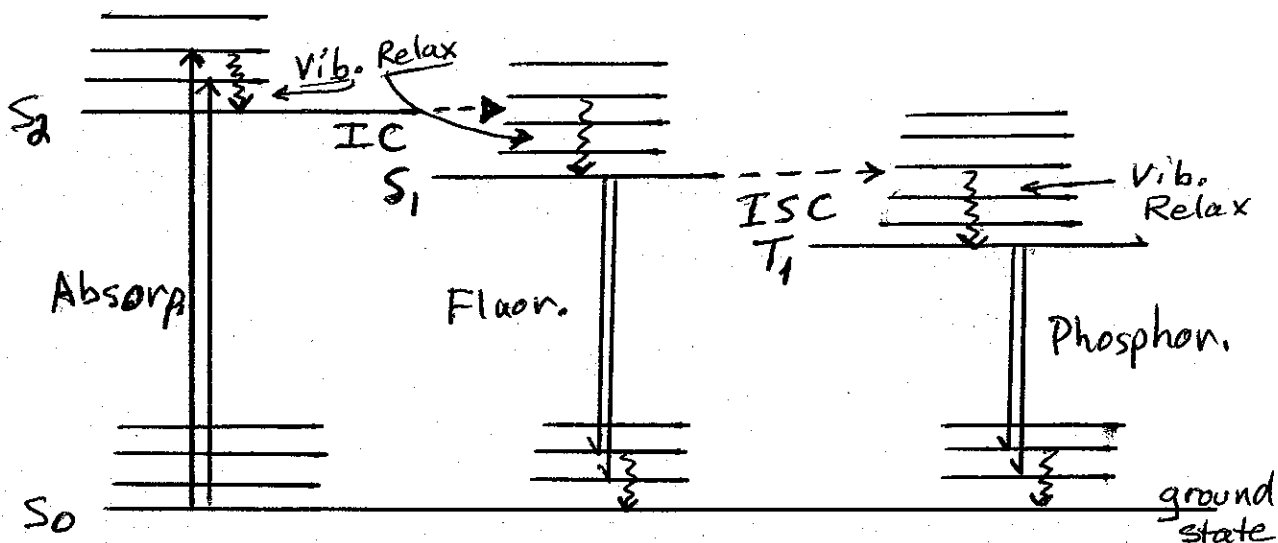


Jablonski Diagram



- Vib. Relax. - vibrational relaxation - collision
- IC - internal conversion ($\Delta S = 0$) max. rate when surfaces cross (degen. same struct) $\sim 10^{-12}$ s
- ISC - intersystem crossing ($\Delta S \neq 0$) slower due to spin - spin-orbit coupling enhances