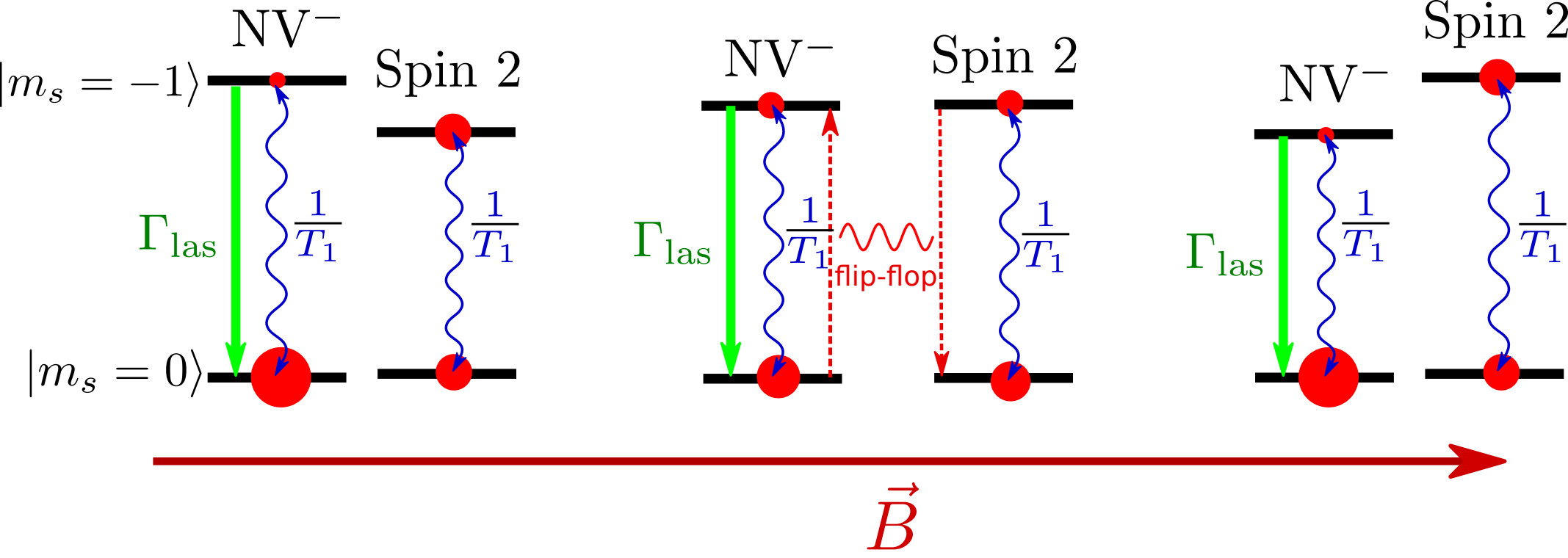
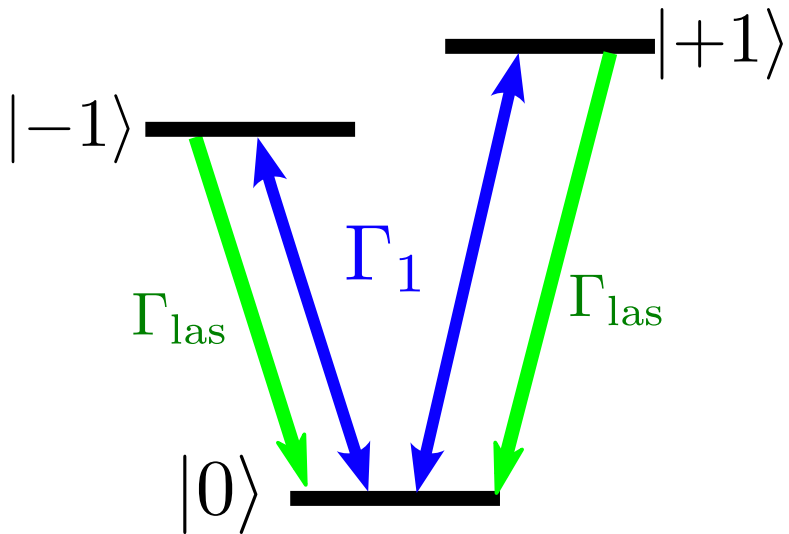



$\Gamma_1 = 1/T_1$




Rate equation: $\rho_{00} = \frac{\Gamma_1+\Gamma_{\rm las}}{3\Gamma_1+\Gamma_{\rm las}}$

$$\Gamma_1 \nearrow \Rightarrow PL \searrow$$