Perrin − Jablonski diagram

S_2

VR

IC

VR

S_1

IC

Absorption

Fluorescence

VR

ISC

ISC

VR

T_1

Phosphorescence

Ground state S_0
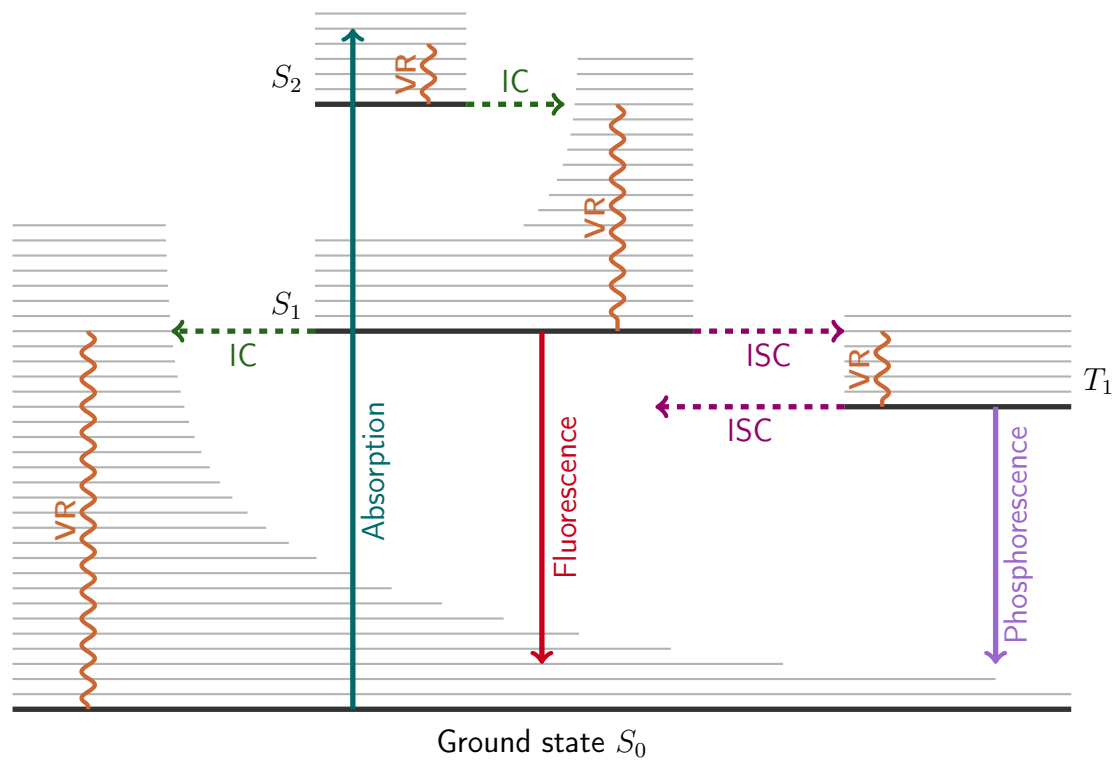
Legend

IC ⟶ Internal Conversion, $S_i \longrightarrow S_j$ non radiative transition.

ISC ⟶ InterSystem Crossing, $S_i \longrightarrow T_j$ non radiative transition.

RV ⟶ Vibrationnal Relaxation.