Perrin – Jablonski diagram

S_2

VR

IC

VR

VR

S_1

IC

Absorption

Fluorescence

ISC

VR

ISC

T_1

VR

Phosphorescence

Ground state S_0
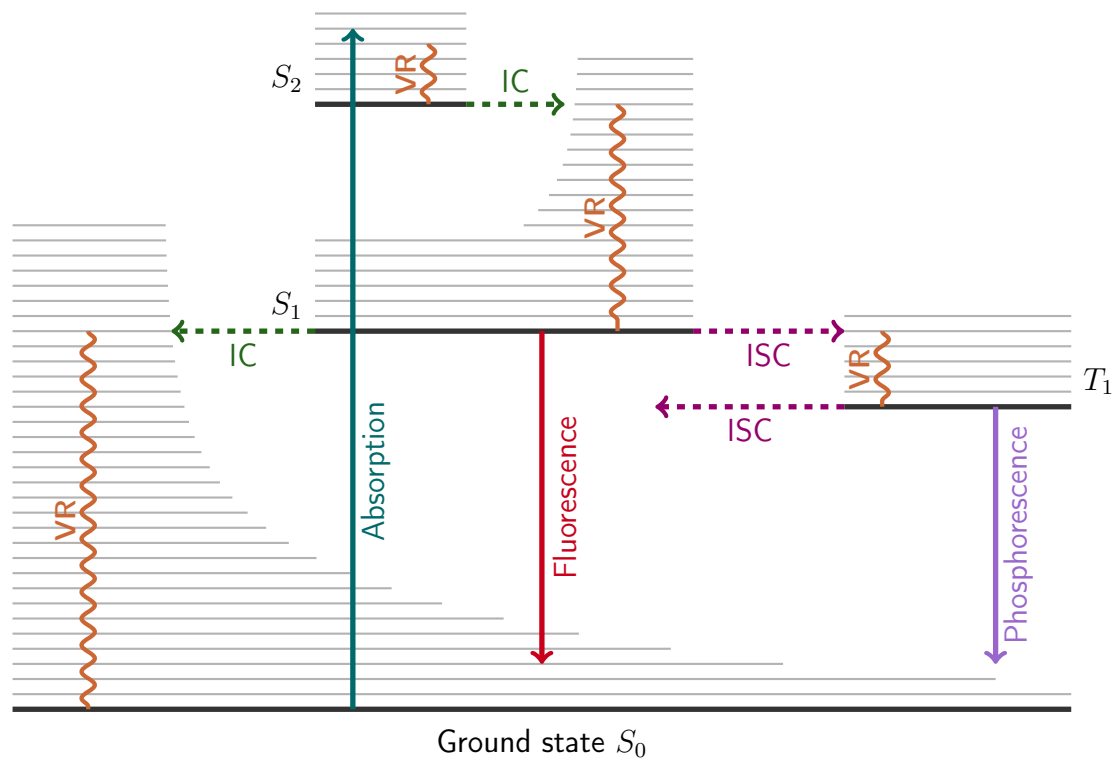
Legend

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.