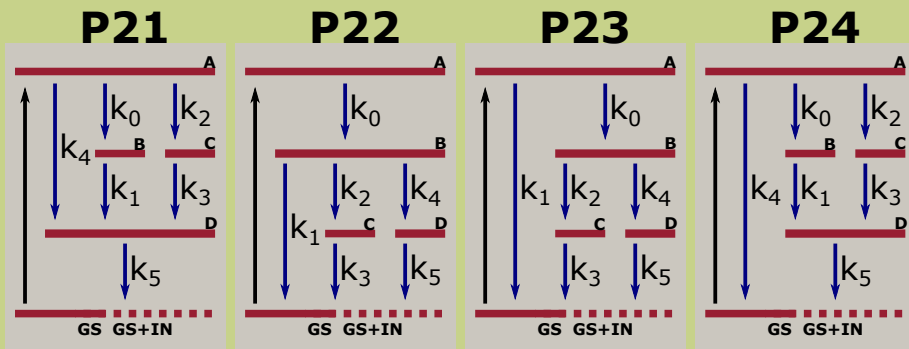
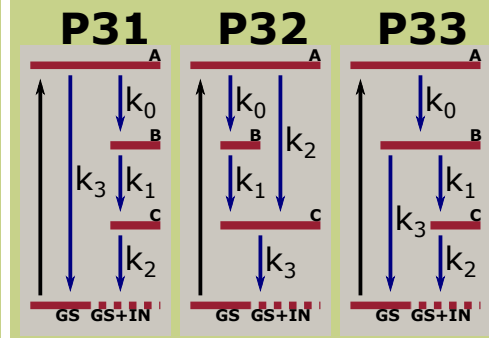
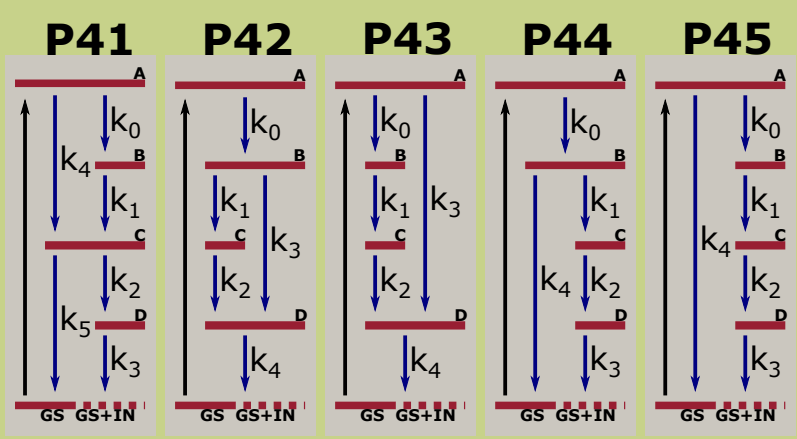
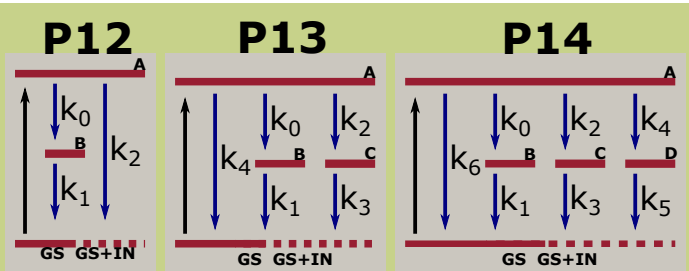


GS = Background (optional)
IN = Infinite (optional)

GS = Background (optional)
IN = Infinite (optional)



Inf (modelled as different spectrum if 'infinite' is given as parameter)



Inf (modelled as different spectrum if 'infinite' is given as parameter)

Energy level diagram showing transitions between Ground State (GS), GS+IN, and Excited state. Transitions are labeled with Auger rates: $1 \cdot k_0 \cdot A$, $2 \cdot k_1 \cdot A^2$, $2 \cdot k_2 \cdot A^3$ for GS to GS+IN; $1 \cdot k_3 \cdot B$, $1 \cdot k_2 \cdot A^3$ for GS+IN to Excited state.

Auger (modelled as spectrum if 'auger' is given as parameter)

Excited state

modelled as different spectrum if 'background' is given as parameter)

Inf (modelled as different spectrum if 'infinite' is given as parameter)