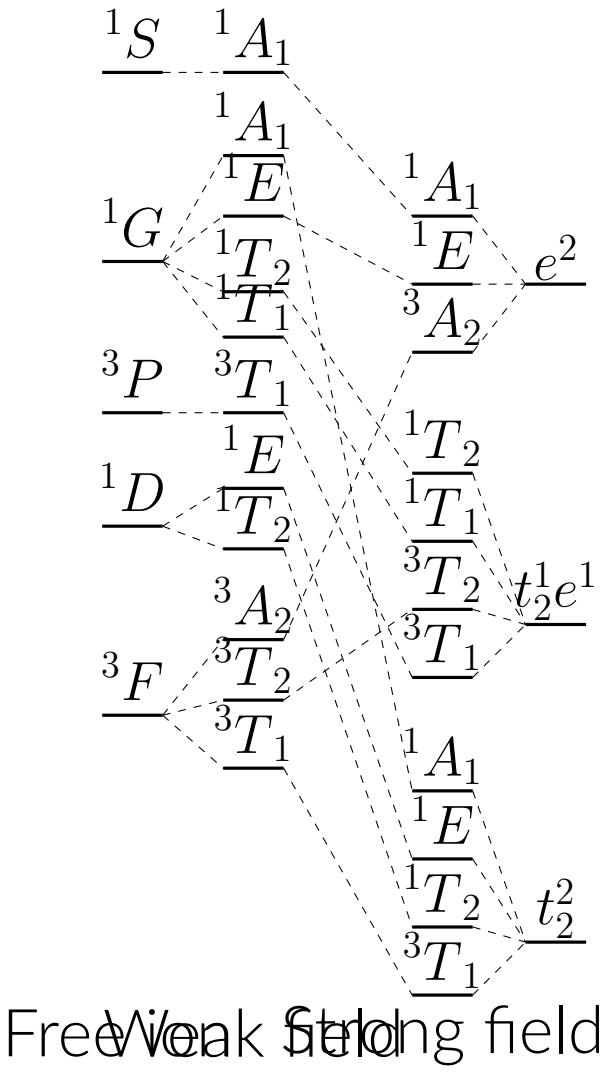
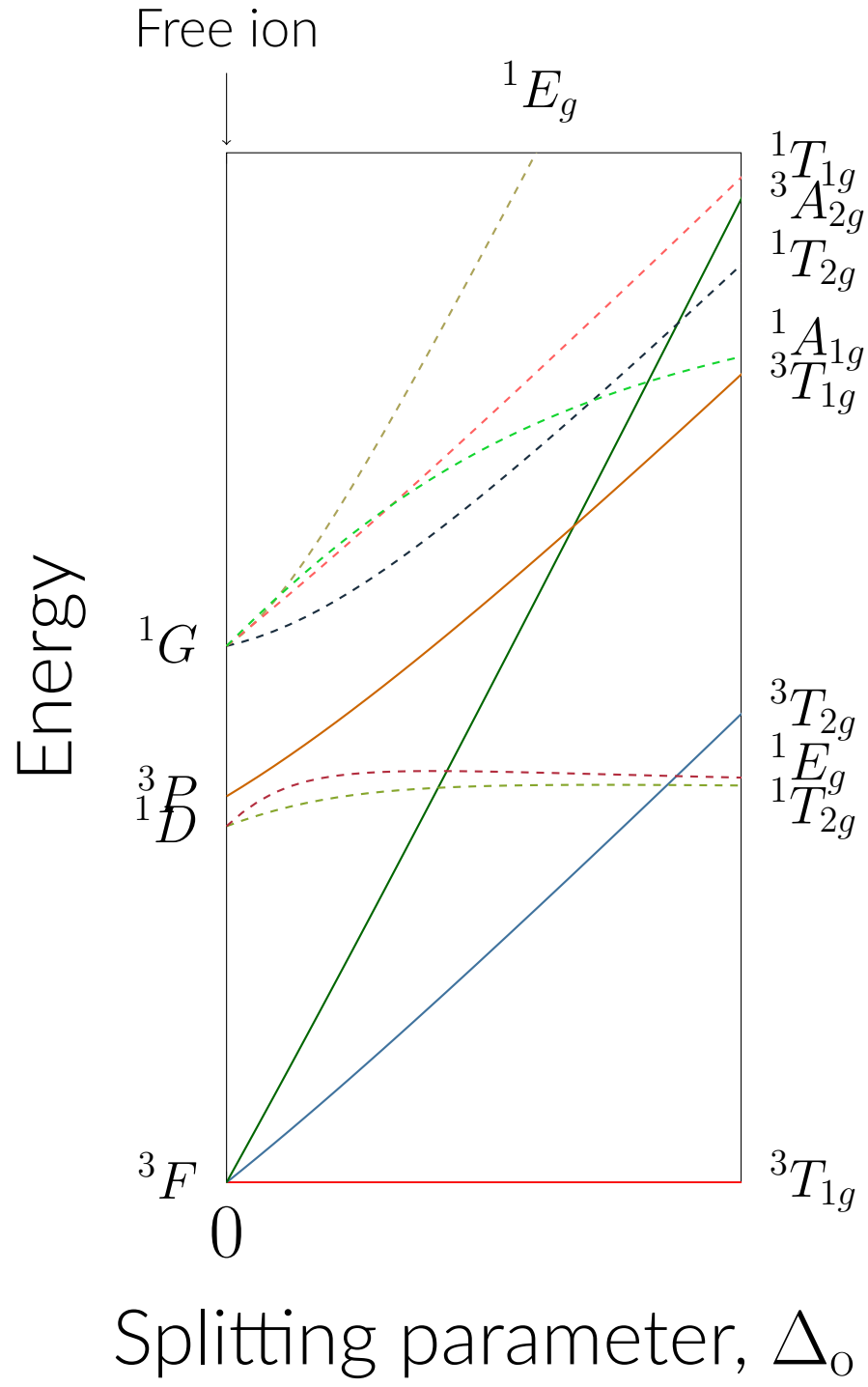

^1S
^1G
^3P
^1D
^3F
$^1A_1$
$^1A_1$
^1E
$^1T_2$
$^1T_1$
$^3T_1$
^1E
$^1T_2$
$^3A_2$
$^3T_2$
$^3T_1$
$^1A_1$
^1E
$^3A_2$
$^1T_2$
$^1T_1$
$^3T_2$
$^3T_1$
$^1A_1$
^1E
$^1T_2$
$^3T_1$
e^2
$t_2^1e^1$
t_2^2
Free ion
Weak field
Strong field


Free ion
^1E_g
$^1T_{1g}$
$^3A_{2g}$
$^1T_{2g}$
$^1A_{1g}$
$^3T_{1g}$
$^3T_{2g}$
^1E_g
$^1T_{2g}$
^1G
^3P
^1D
^3F
$^3T_{1g}$
0
Energy
Splitting parameter, Δ_o