

Free ion

1E_g

${}^1T_{1g}$

${}^3A_{2g}$

${}^1T_{2g}$

${}^1A_{1g}$

${}^3T_{1g}$

1G_g

3P_g

1D_g

${}^3T_{2g}$

1E_g

${}^1T_{2g}$

3F_g

0

${}^3T_{1g}$

Splitting parameter, Δ_o

Energy

