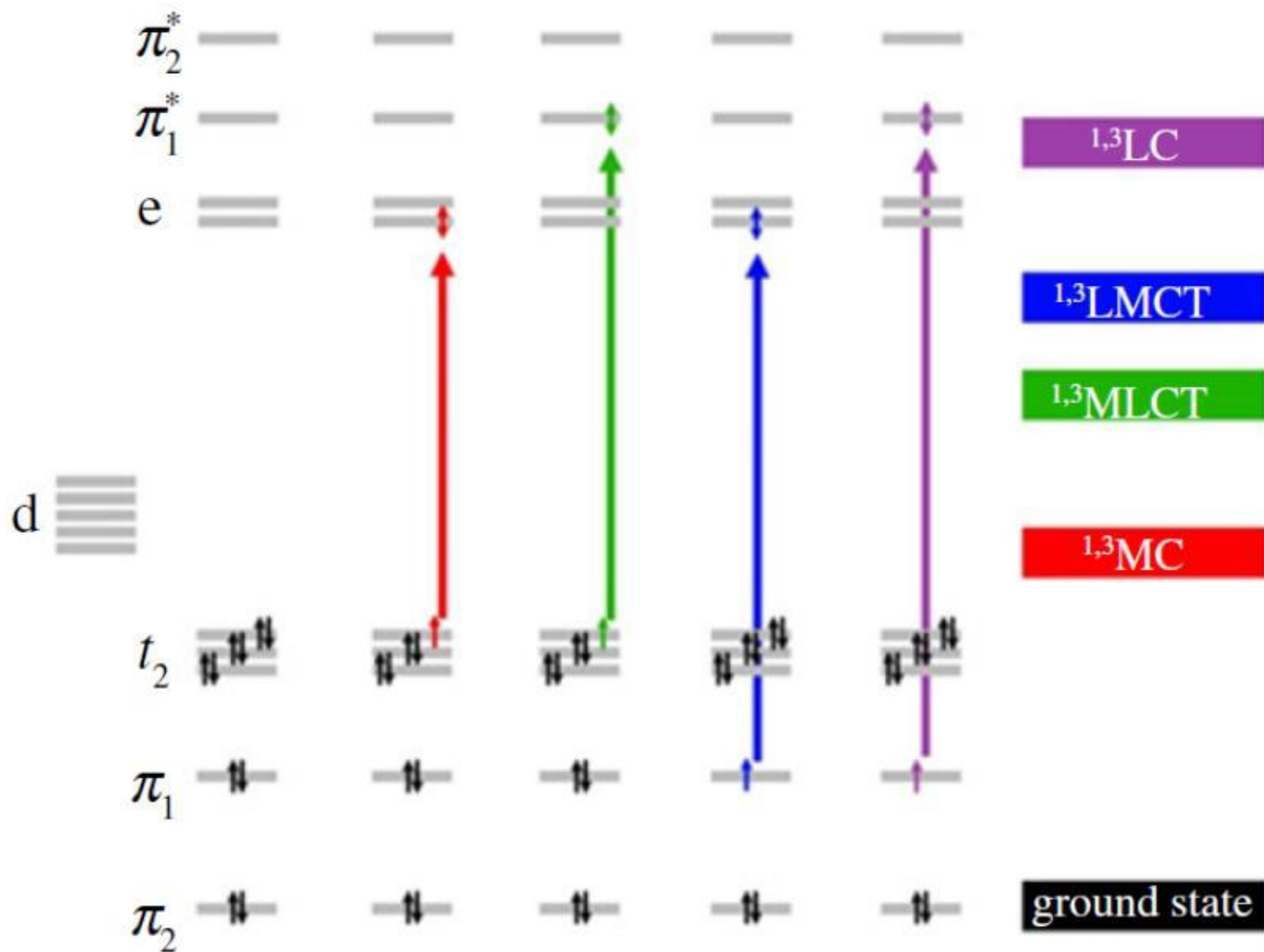
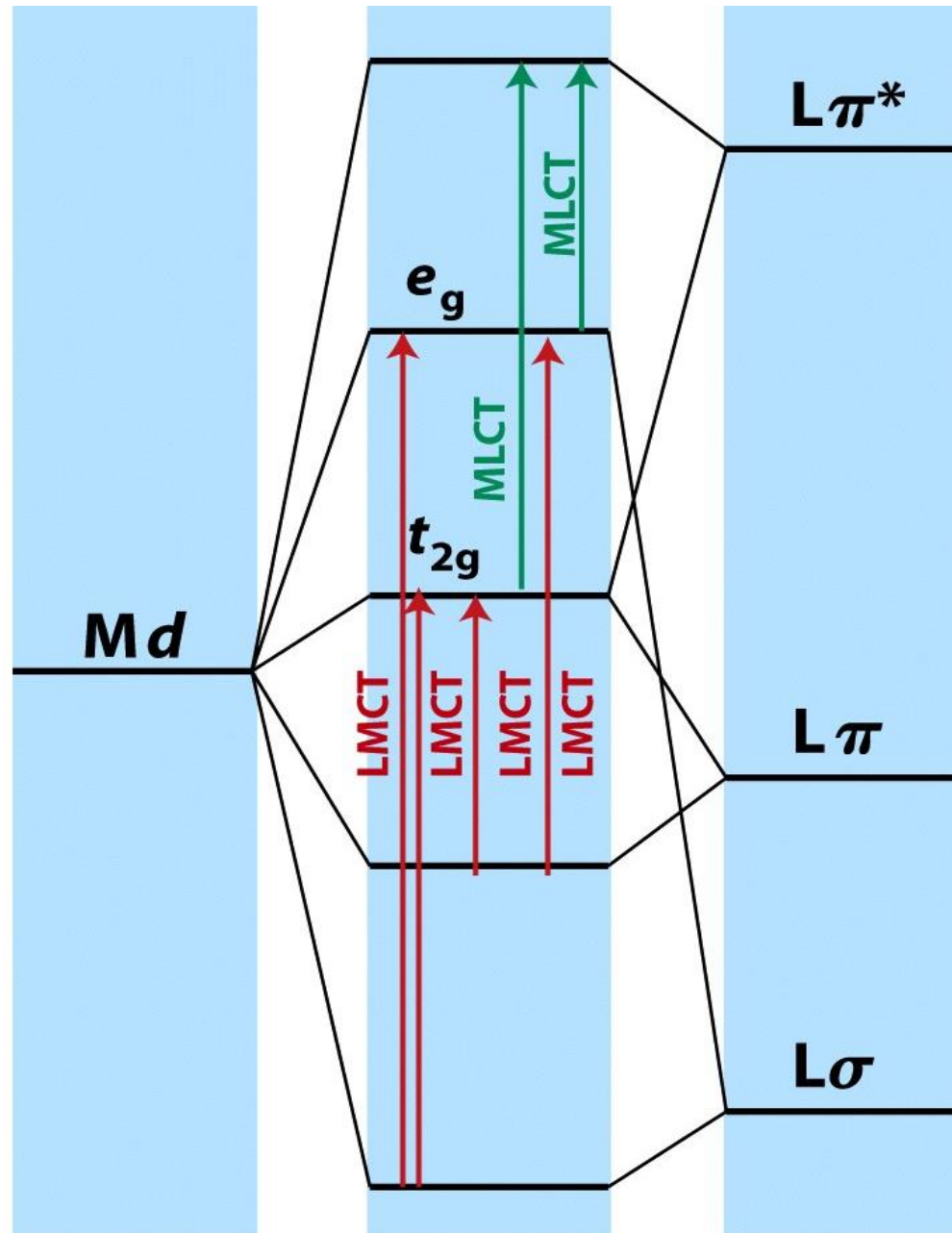


# Tipi di transizioni elettroniche nei complessi

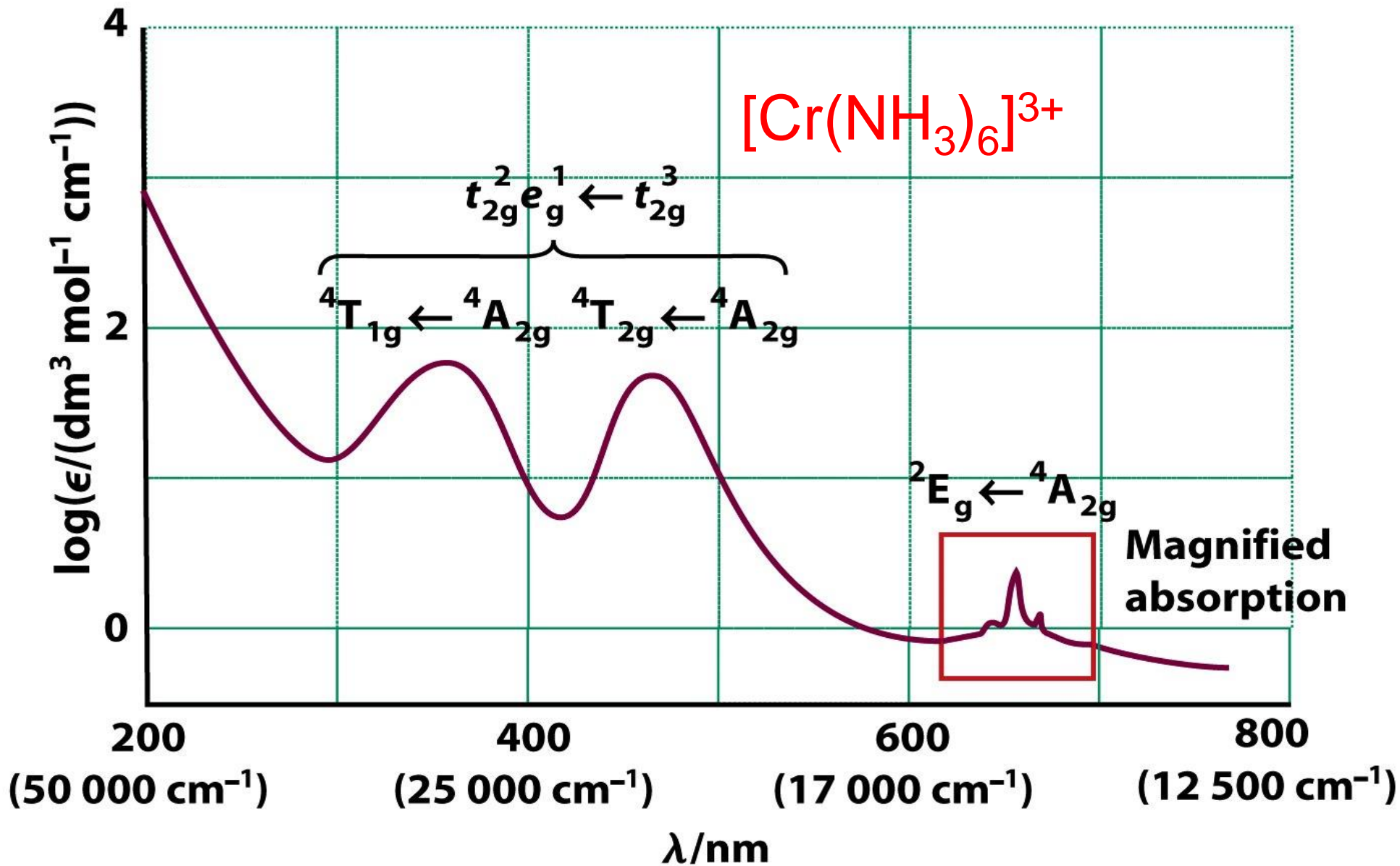


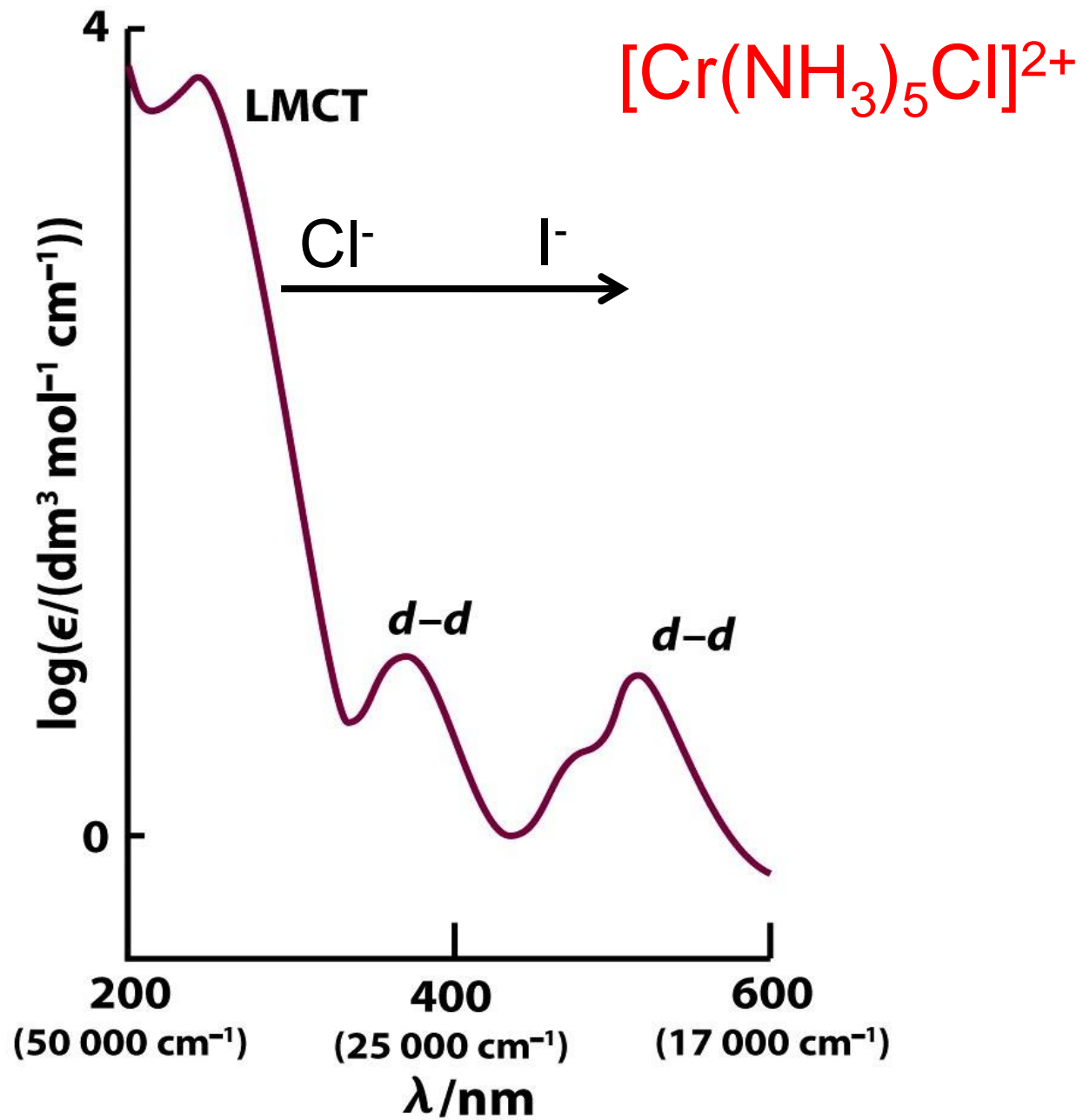
# Transizioni elettroniche di *charge transfer*



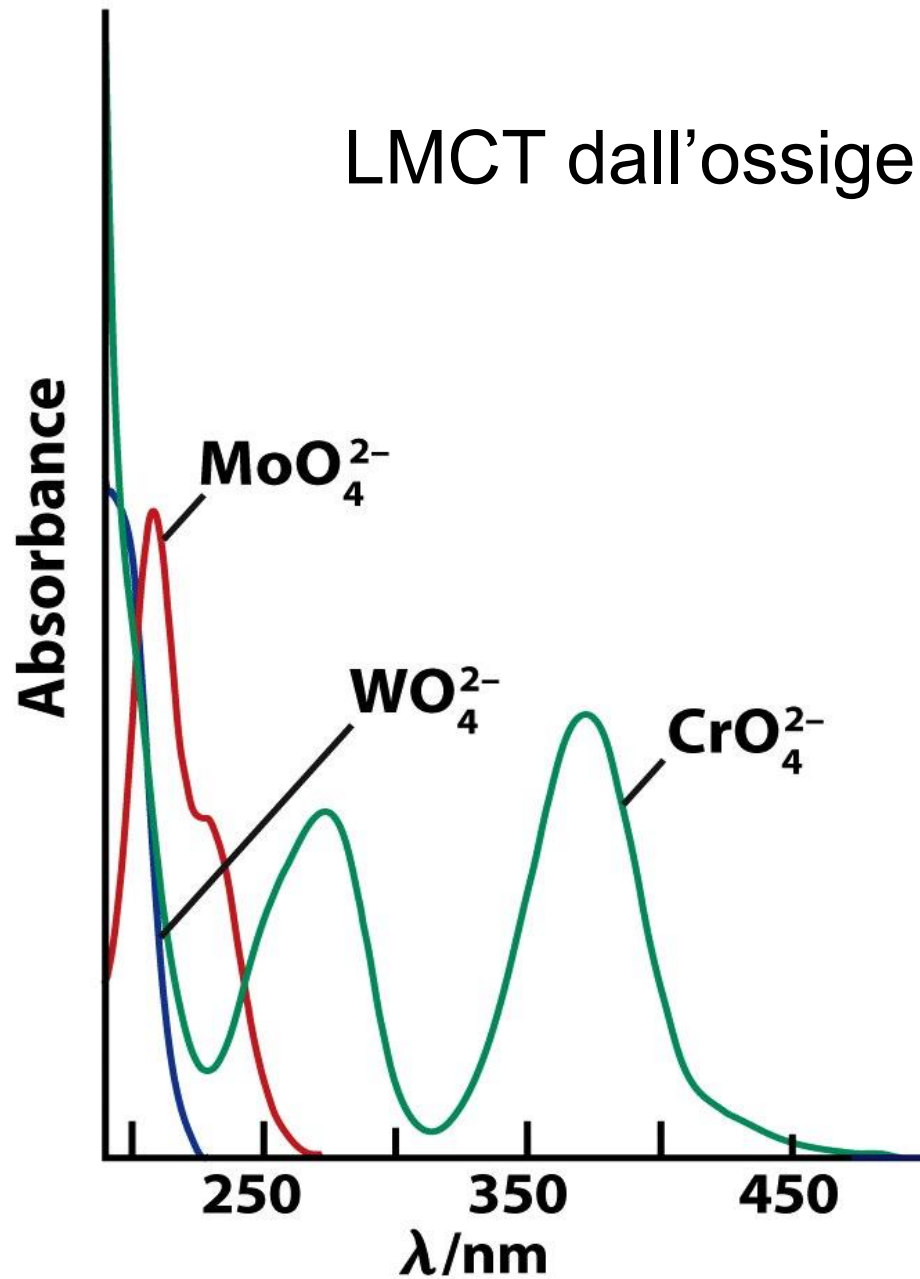
# Regole di selezione e intensità delle transizioni elettroniche

Band type	$\epsilon_{\max}/$ ( $\text{dm}^3 \text{ mol}^{-1} \text{ cm}^{-1}$ )
Spin-forbidden	$< 1$
Laporte-forbidden <i>d-d</i>	20–100
Laporte-allowed <i>d-d</i>	<i>ca</i> 250
Symmetry-allowed (e.g. CT)	1000–50 000

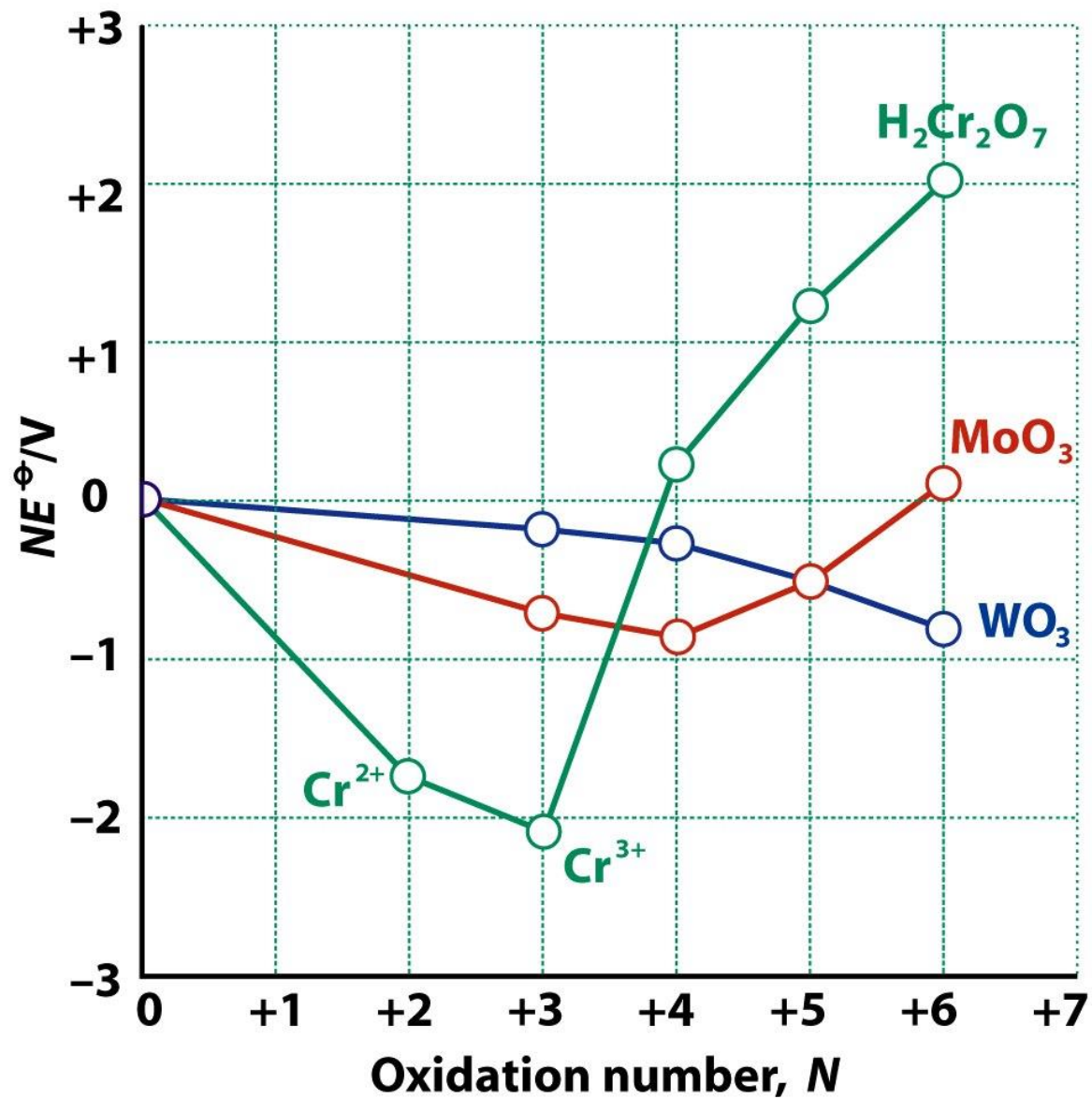




# LMCT dall'ossigeno al metallo



# Correlazione fra $\lambda$ LMCT e potenziale redox



Diagrammi semplificati degli MO di frontiera e degli stati di  $[\text{Ru}(\text{bpy})_3]^{2+}$

