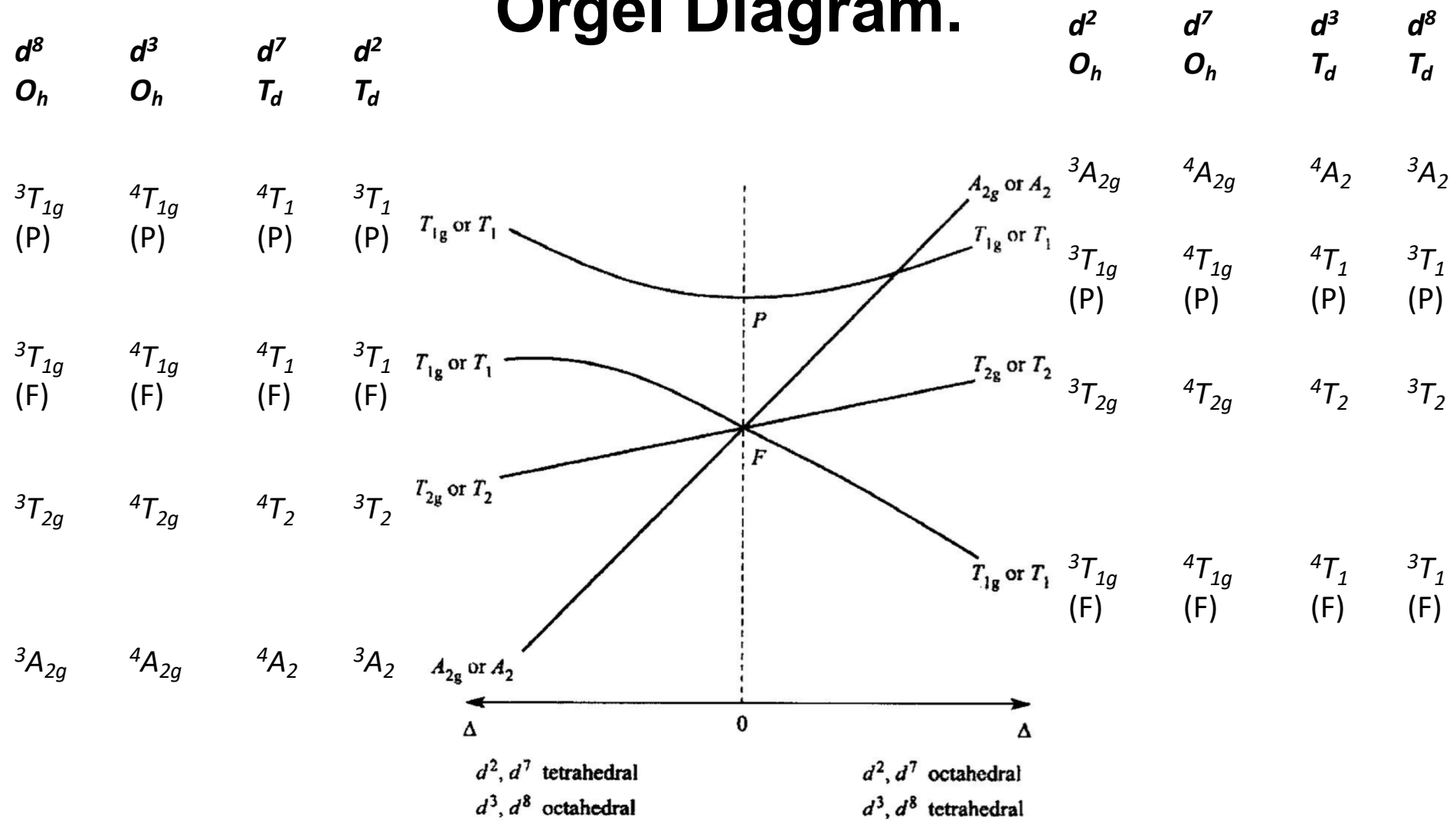


Orgel Diagram.



Use Orgel diagram and assign the transitions for the following bands observed in the electronic absorption spectrum of $[\text{CrF}_6]^{3-}$

670 nm

440 nm

290 nm