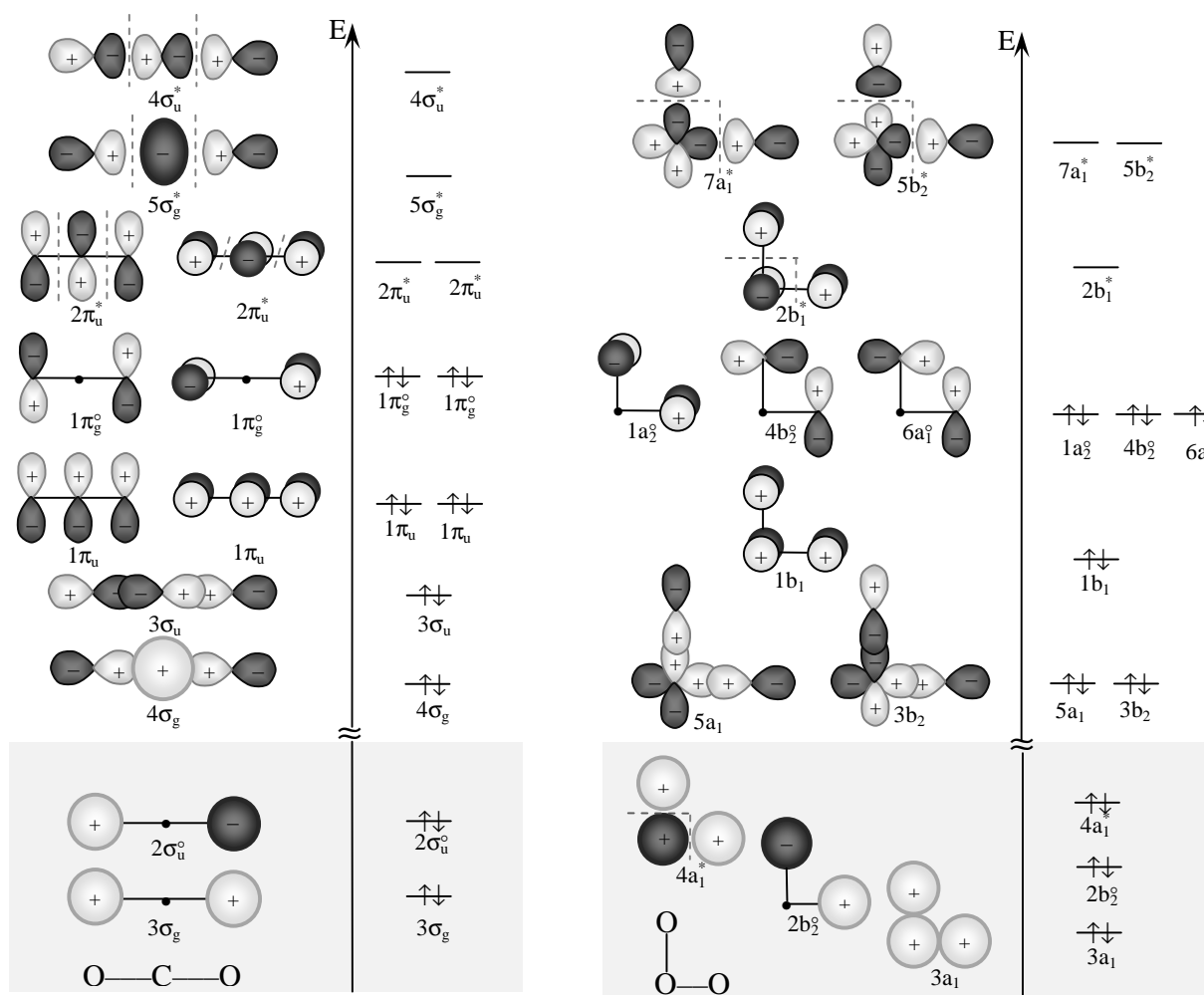
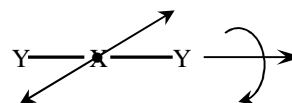


## Linear and Bent Triatomics



### **XY<sub>2</sub> linear: D<sub>∞h</sub>**

symmetry	rotate	center of inversion
symmetric	$\sigma$ -all angles	g
antisymmetric	$\pi$ -180°, $\delta$ -90°	u



### **XY<sub>2</sub> bent: C<sub>2v</sub>**

symmetry	rotate 180°	reflect across $\sigma_v$
symmetric	a	1
antisymmetric	b	2

