Jolly, W. L., "*Modern Inorganic Chemistry*",
2ª Ed., McGraw-Hill, 1991, pp 126.

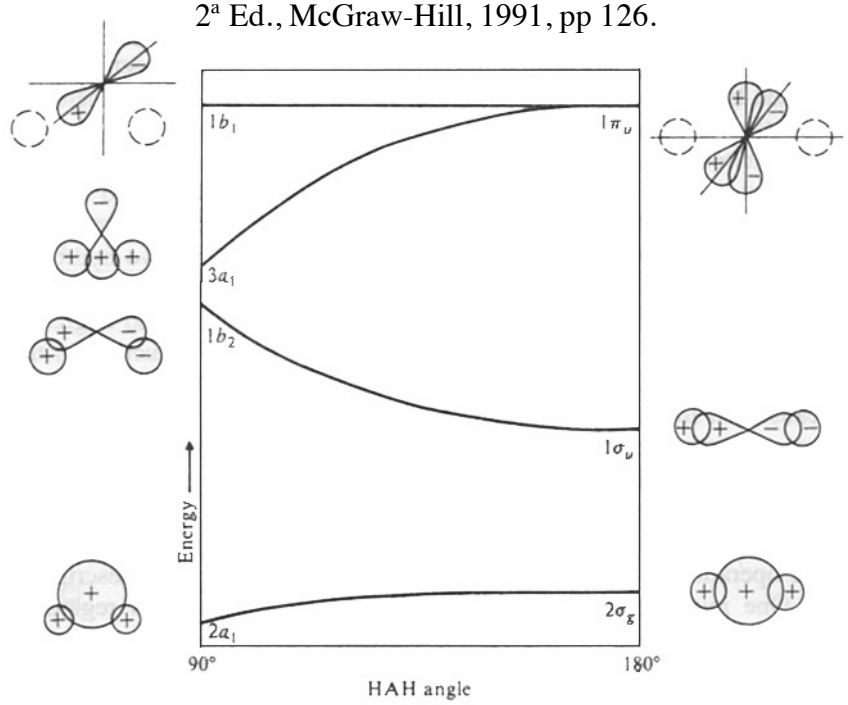

FIGURE 4.22
Walsh diagram for AH_2 molecule, with diagrams of the valence MOs.

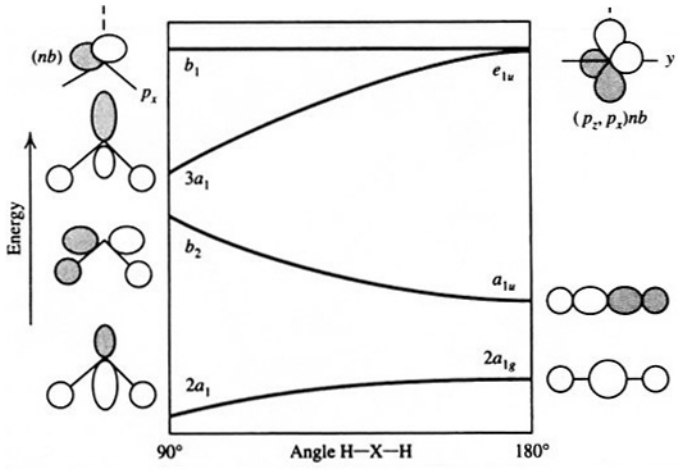

Figure 4.18 Walsh correlation diagram for XH_2.

Douglas, B.; McDaniel, D.; Alexander, J.,
"*Concepts and Models of Inorganic Chemistry*",
3ª Ed., John Wiley & Sons, 1994, pp 175.

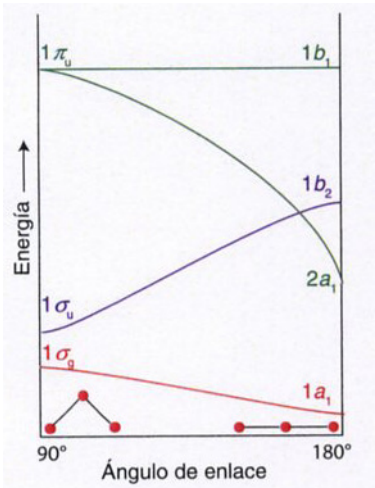

Figura 2.35 Diagrama de Walsh para moléculas XH_2. Se muestran sólo los orbitales de enlace y de no enlace.

Atkins, P.; Overton, T.; Rourke, J.; Weller, M.; Armstrong, F.,
"*Inorganic Chemistry*", 4ª Ed., Oxford University Press, 2006.
Traducción española de la 4ª Ed. "*Química Inorgánica*",
McGraw-Hill Interamericana, 2008, pp 66.

Casabó i Gispert, J, "*Estructura Atómica y Enlace Químico*", Reverté, 1999, pp 244.

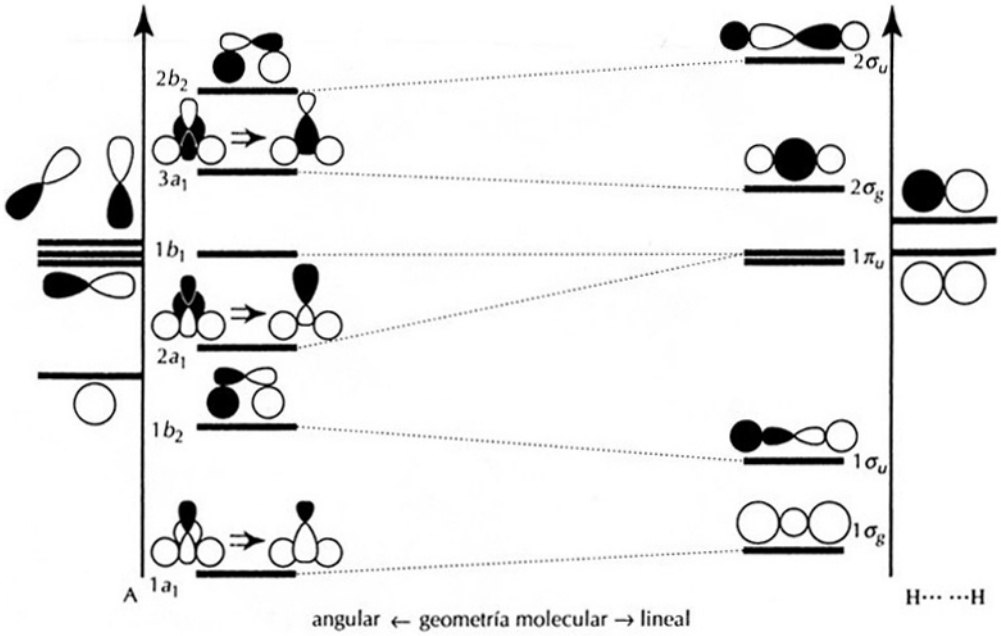

FIGURA 11.5 Diagrama de correlación de Walsh de los orbitales moleculares de las especies AH_2 de geometría angular (izquierda) y lineal (derecha).

DeKock, R. L.; Gray, H. B., "*Chemical Structure and Bonding*", University Science Books, 1989, pp 280.

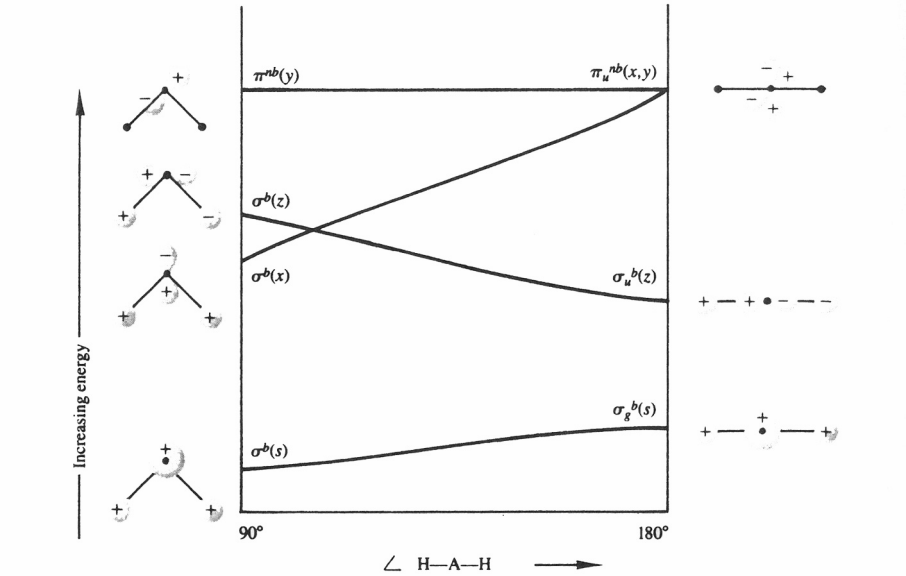

Figure 5-6 Atomic-orbital overlap and qualitative molecular-orbital energies of linear and bent AH_2 molecules. Changes in shape that cause an increase in overlap will lower the molecular-orbital energy level. Note that in the bent AH_2 molecule, s–p_x mixing could occur at the A atom. To simplify the diagram, we have not represented this s–p mixing. We have also not represented the two antibonding molecular orbitals in this figure.