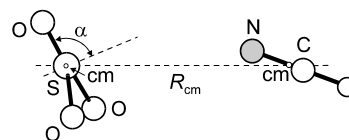


1)  $C_{3v}$   
(effective symmetry class)  
(large-amplitude motion)  
 $H-C\equiv N \cdot SO_3$

a) Angle between the  $C_3$  axis of  $SO_3$  and the S=O bond, see figure.

Replaces [II/25B\(3, 171\)](#)