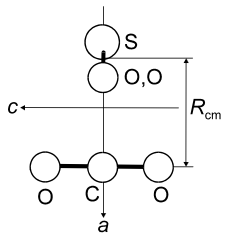
165 **CO_4S** **Carbon dioxide – sulfur dioxide (1/1)** **C_{2v}**
MW (weakly bound complex) (effective symmetry class)
(large-amplitude motion)
$CO_2 \cdot SO_2$

r_0	Å
R_{cm}	3.29(5)



No inversion splittings were observed in any of the isotopic species. The C_2 axis of SO_2 is perpendicular to the C_∞ axis of CO_2. The negative end of the SO_2 dipole moment points to the carbon atom.

Sun, L.H., Ioannou, I.I., Kuczkowski, R.L.: Mol. Phys. **88** (1996) 255.