

<b>142</b> MW	<b>CHeO<sub>2</sub></b>	<b>Carbon dioxide – helium (1/1)</b> (weakly bound complex)	<b>C<sub>s</sub></b> (effective symmetry class) (large-amplitude motion) CO <sub>2</sub> · He
	$\theta_0$ [deg]	He · <sup>16</sup> O <sup>12</sup> C <sup>17</sup> O <sup>a)</sup>	He · <sup>16</sup> O <sup>13</sup> C <sup>17</sup> O <sup>a)</sup>
	$\langle \theta_a \rangle$ <sup>b)</sup>	71.1(10)	72.1(10)

The complex exhibits internal vibrational motions with very large amplitudes, making it difficult to locate and assign the rotational transitions.

<sup>a)</sup> Uncertainties were not estimated in the original paper.

<sup>b)</sup> Average angle between the *a* axis and the axis of the CO<sub>2</sub> monomer, estimated from the observed <sup>17</sup>O nuclear quadrupole coupling constants.

Xu, Y., Jäger, W.: J. Mol. Struct. **599** (2001) 211.