
203	F₆Re	Rhenium hexafluoride	O_h (see comment)
ED, <i>ab initio</i> and DFT		Rhenium(VI) fluoride	ReF ₆
calculations			

r_g	Å ^{a)}
Re–F	1.829(2)

The effect of three-atom multiple scattering was taken into account. Although the experimental data neither confirmed nor refuted the existence of the Jahn-Teller effect, they ensured that if present the distortion from O_h symmetry must be small.
The nozzle temperature was 23 °C.

^{a)} Twice the estimated standard error.

Richardson, A.D., Hedberg, K., Lucier, G.M.: Inorg. Chem. **39** (2000) 2787.

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