

THE HYDROGEN TRIOXY RADICAL

M.E. VARNER, J. VÁZQUEZ, J.F. STANTON, *Department of Chemistry, The University of Texas at Austin, TX*; M.E. HARDING and J. GAUSS, *Institut für Physikalische Chemie, Universität Mainz, Germany*.

The hydrogen trioxy radical is thought to be a possible sink for hydroxyl radicals in the atmosphere. The calculated structure and properties of this interesting molecule will be discussed and compared to experiment.