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## RESEARCH ARTICLE

### Accurate ab initio potential energy curves and spectroscopic properties of the low-lying electronic states of $\text{OH}^-$ and $\text{SH}^-$ molecular anions

B.S.D. Ramlina Vamhindi<sup>a</sup> & M. Nsangou<sup>b\*</sup>

<sup>a</sup>*Department of Physics, Faculty of Science, University of Ngaoundere, P. O. BOX 454  
Ngaoundere, Cameroon.;*

<sup>b</sup>*University of Maroua, ENS Maroua, PO.BOX. 46 Maroua, Cameroon.*

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#### Supporting Information

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\*Corresponding author. Email:mnsangou@yahoo.com

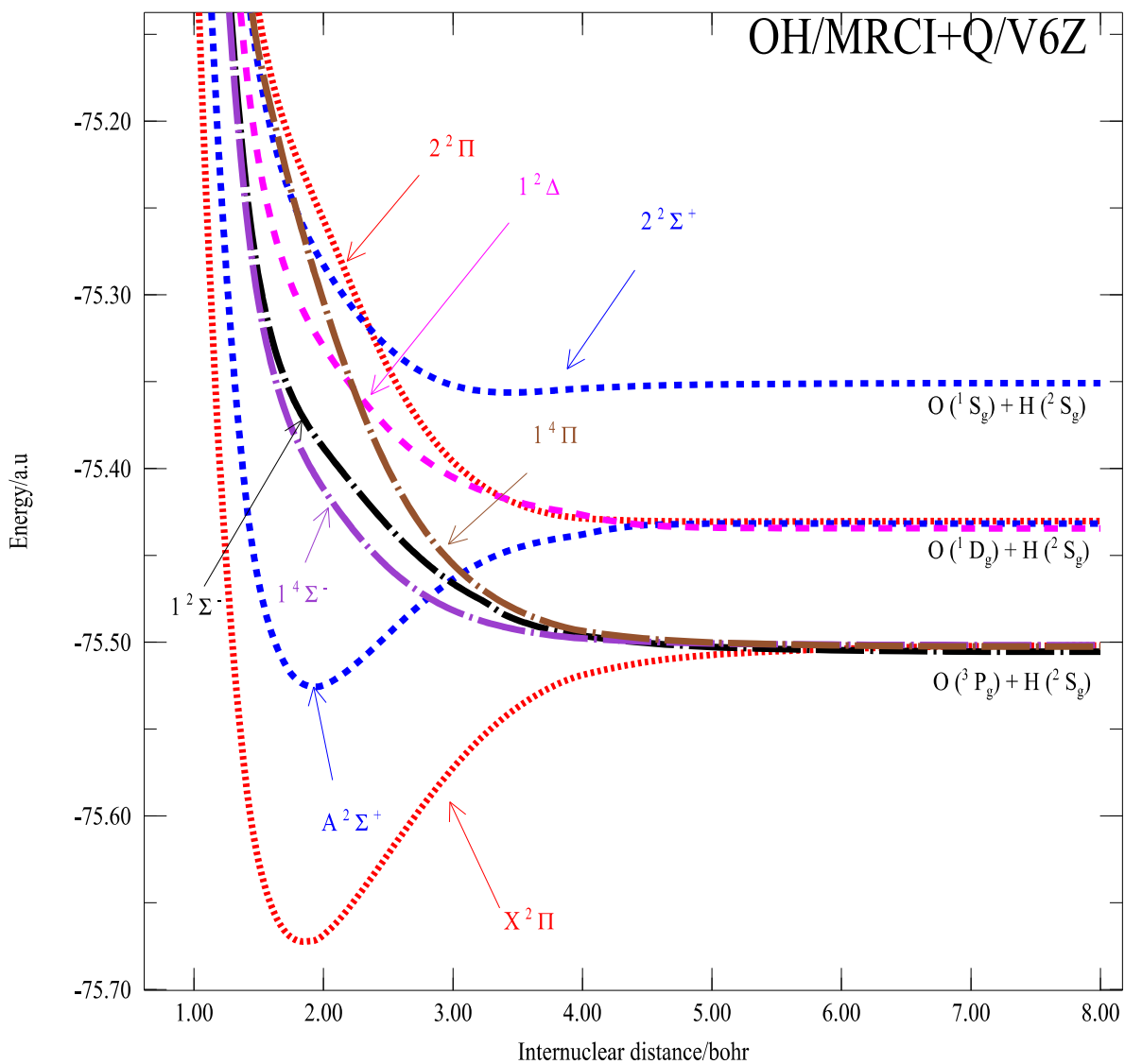


Figure 1. Potential energy curves of low-lying electronic states of OH derived from MRCI+Q/V6Z level of theory.

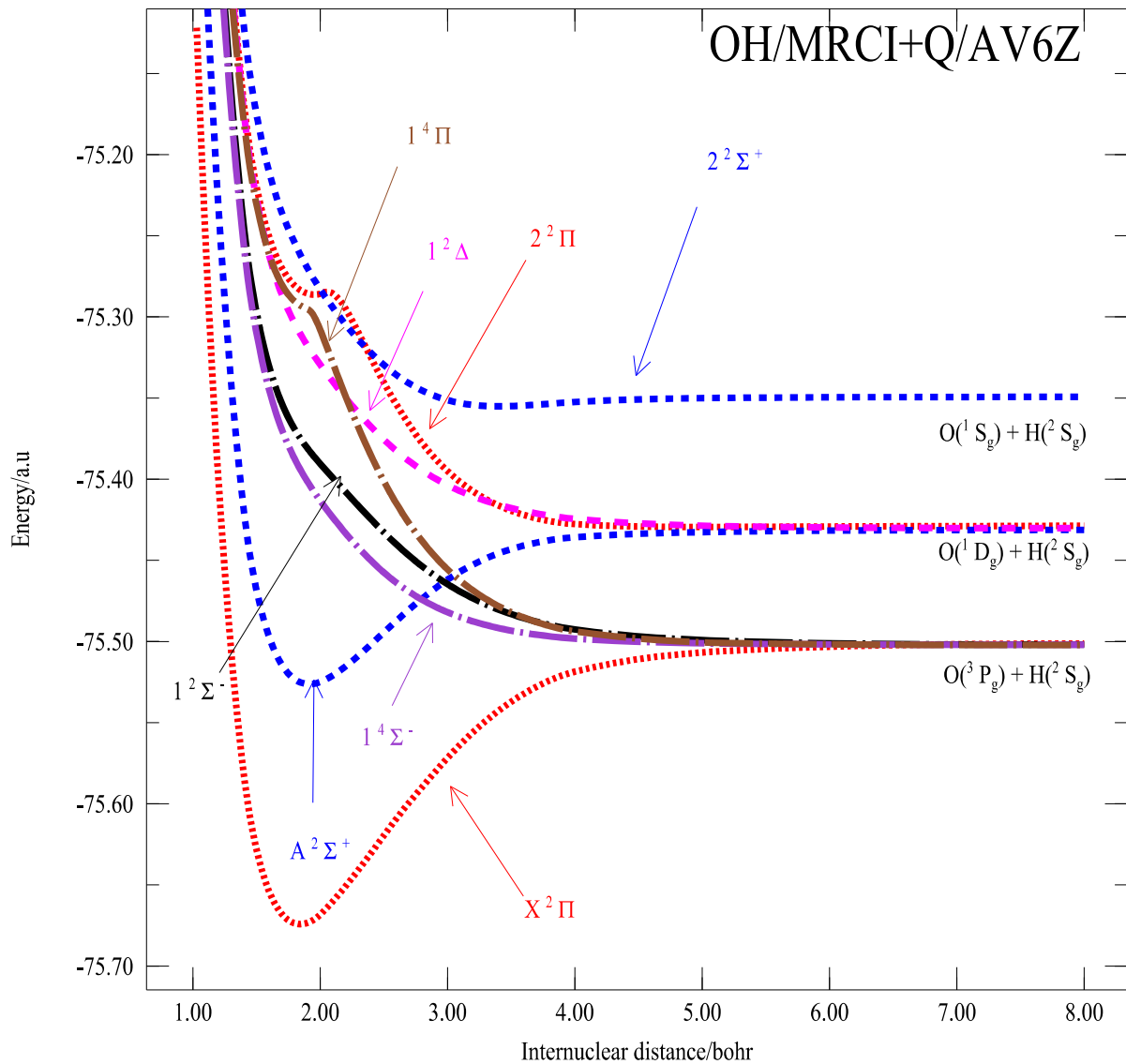


Figure 2. Potential energy curves of low-lying electronic states of OH derived from MRCI+Q/AV6Z level of theory.

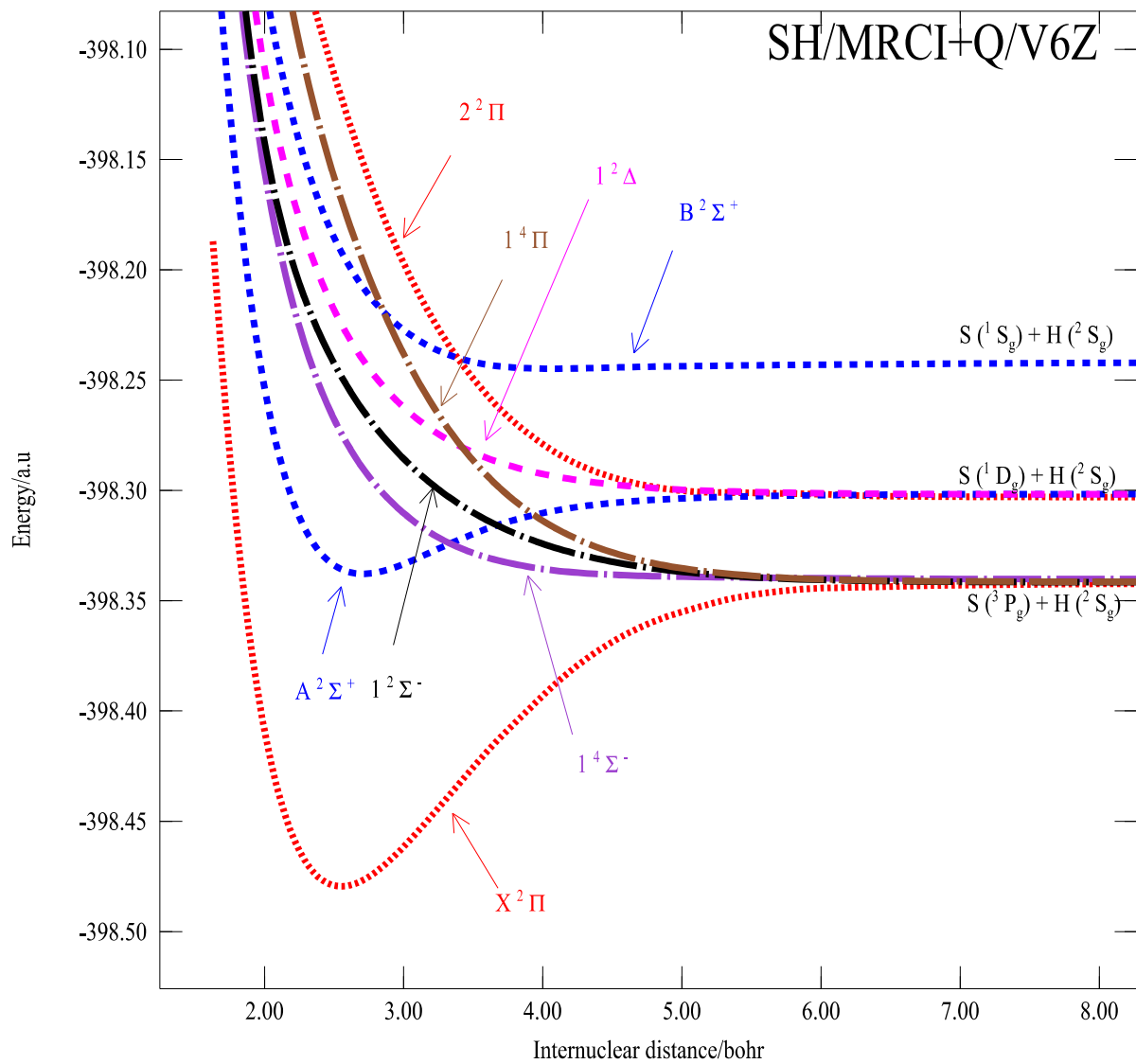


Figure 3. Potential energy curves of low-lying electronic states of SH derived from MRCI+Q/V6Z level of theory.

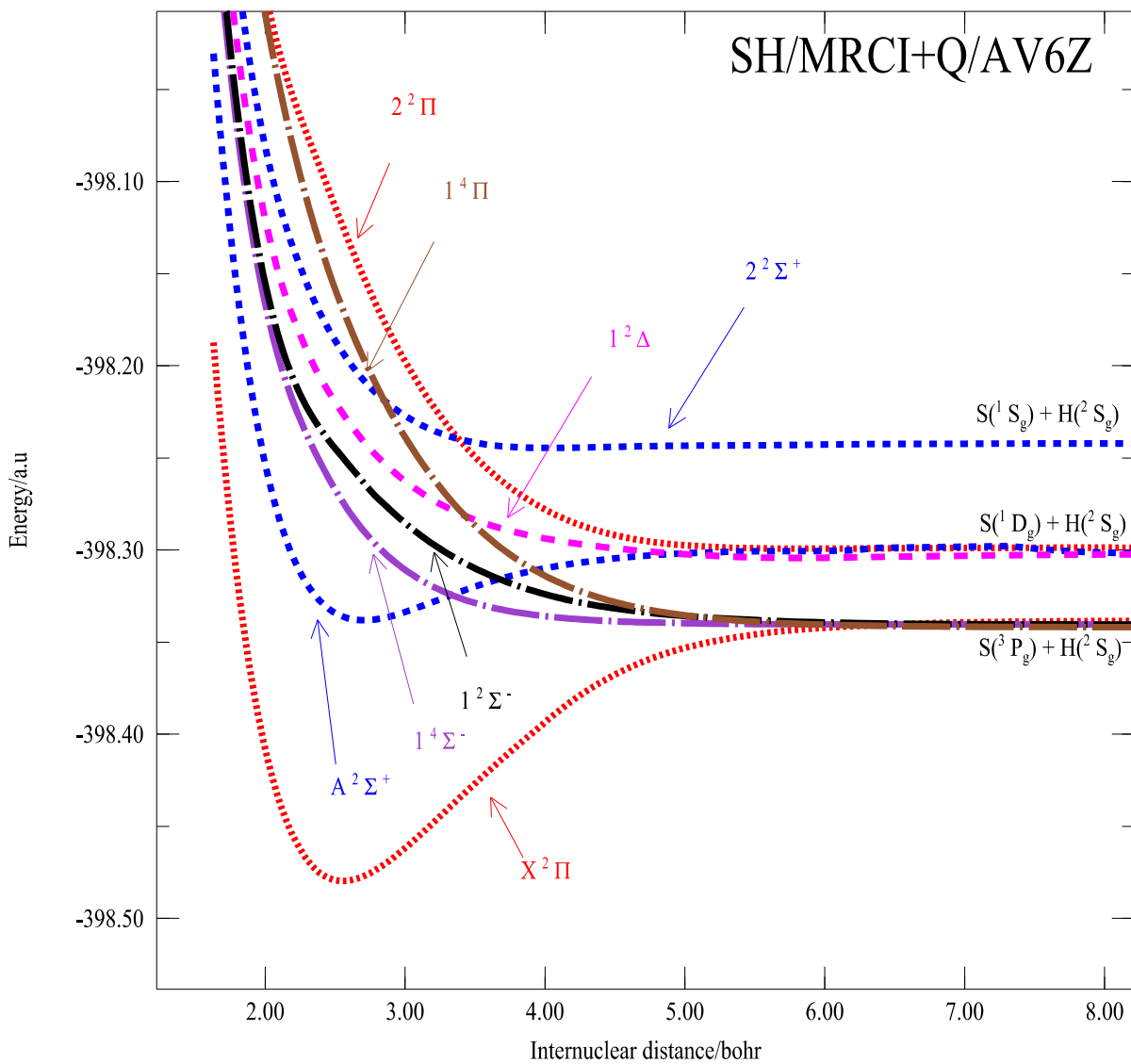


Figure 4. Potential energy curves of low-lying electronic states of SH derived from MRCI+Q/AV6Z level of theory.