

Accepted Manuscript

Title: Structural Stability and Vibrational analysis of Beryllium Sulfide BeS from the Bulk to the (n,0) Nanotubes. An ab initio description

Authors: T. Larbi, Khaled E. El-Kelany, K. Doll, M. Amlouk

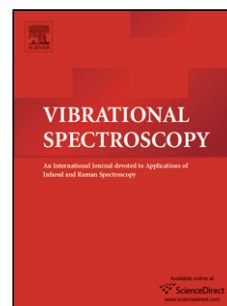
PII: S0924-2031(18)30102-4
DOI: <https://doi.org/10.1016/j.vibspec.2018.05.005>
Reference: VIBSPE 2799

To appear in: *VIBSPE*

Received date: 29-3-2018
Revised date: 14-5-2018
Accepted date: 19-5-2018

Please cite this article as: Larbi T, El-Kelany KE, Doll K, Amlouk M, Structural Stability and Vibrational analysis of Beryllium Sulfide BeS from the Bulk to the (n,0) Nanotubes. An ab initio description, *Vibrational Spectroscopy* (2018), <https://doi.org/10.1016/j.vibspec.2018.05.005>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Structural Stability and Vibrational analysis of Beryllium Sulfide BeS from the Bulk to the (n,0) Nanotubes. An ab initio description

T. Larbi ^{a,b,*}, Khaled E. El-Kelany ^c, K. Doll ^d and M. Amlouk ^a

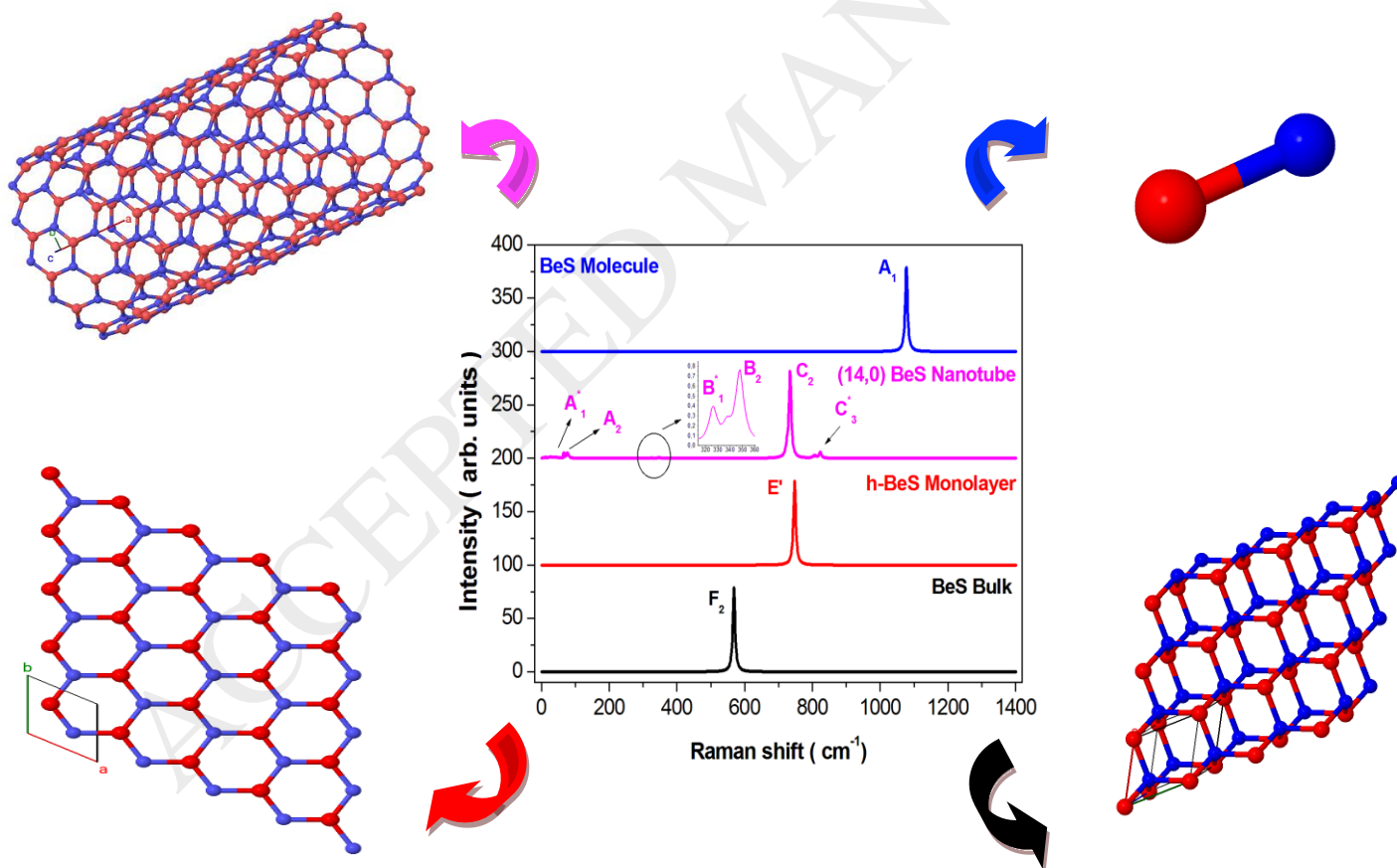
^a Unité de physique des dispositifs a semi-conducteurs, Faculté des sciences de Tunis, Tunis El Manar University, 2092 Tunis, Tunisie.

^b Université de Gafsa, Faculté des Sciences, campus universitaire Sidi Ahmed Zarroug, 2112 Gafsa – Tunisie.

^c CompChem Lab, Chemistry department, Faculty of Science, Minia University, 61519 El-Minia, Egypt

^d University of Stuttgart, Molpro Quantum Chemistry Software, Institute for Theoretical Chemistry, Pfaffenwaldring 55, D-70569 Stuttgart, Germany.

*Corresponding author: e-mail: l07tarek@yahoo.fr



Download English Version:

<https://daneshyari.com/en/article/7690647>

Download Persian Version:

<https://daneshyari.com/article/7690647>

[Daneshyari.com](https://daneshyari.com)