

Pressure-Dependent Physical Properties of Cesium-Niobium Oxide: A Comprehensive Study

Abu Bakar,^{*,†} Muhammad Salman Kiani,[‡] Rab Nawaz,[¶] and Abdul Wahab[§]

[†]*Centre of Excellence in Solid State Physics, University of the Punjab Lahore-54000,
Pakistan*

[‡]*Department of Physics, Nazarbayev University, Astana 010000, Kazakhstan*

[¶]*Center for Applied Mathematics and Bioinformatics (CAMB), Gulf University for
Science and Technology, 32093 Hawally, Kuwait.*

[§]*Department of Mathematics, Nazarbayev University, Astana 010000, Kazakhstan*

E-mail: abubakar.phd.cssp@pu.edu.pk

Electronic Supplementary Information

Figure

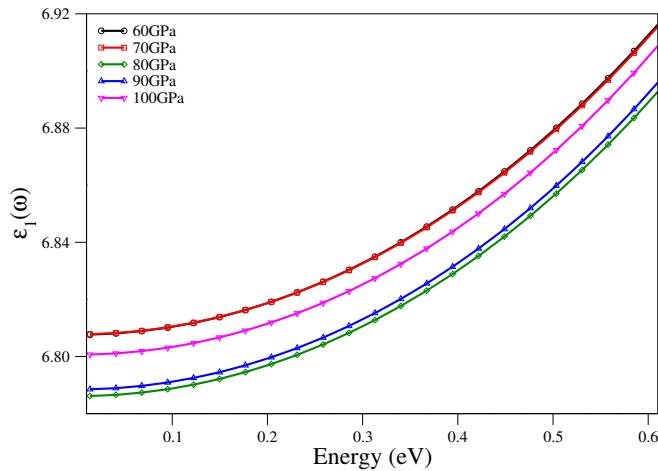


Figure S1: Critical dielectric constant versus energy at different pressure values.

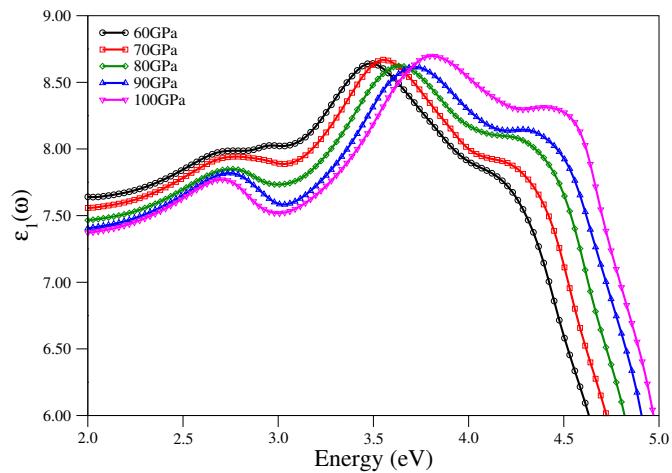


Figure S2: Dielectric constant versus energy at different pressures. The trend of peak shifting in relation to changes in applied pressure and dielectric constant.

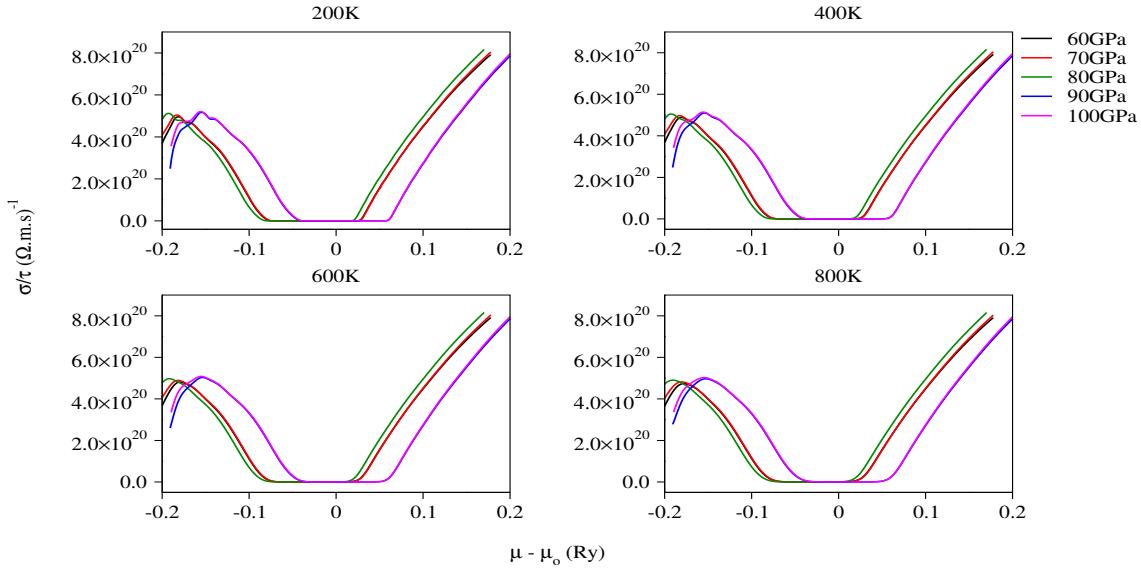


Figure S3: Variation in electrical conductivity with potential at applied pressure

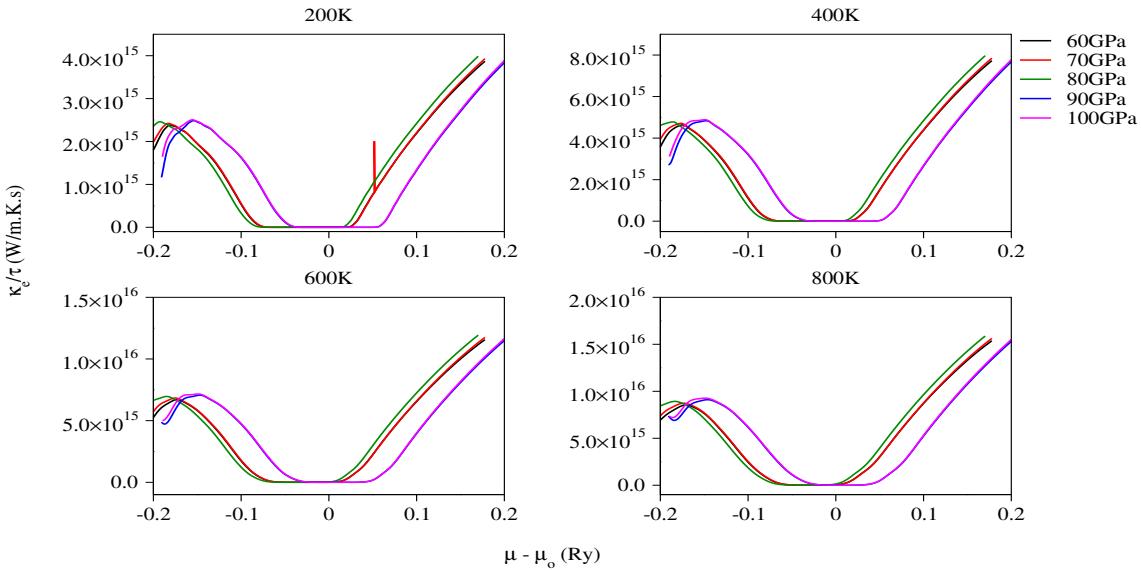


Figure S4: Change in thermal conductivity with the potential at applied pressure