

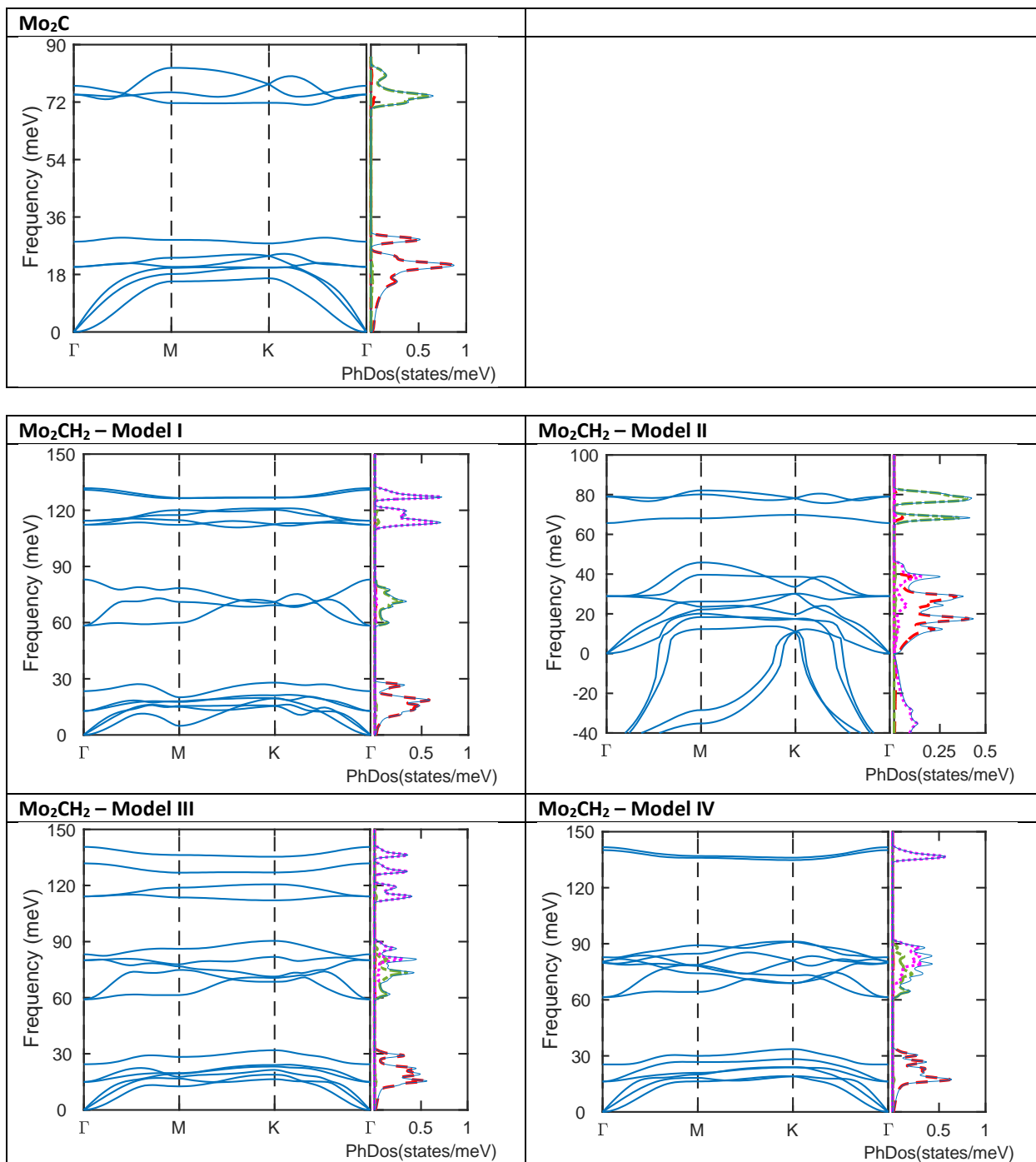
## Enhancing superconductivity in MXenes through hydrogenation

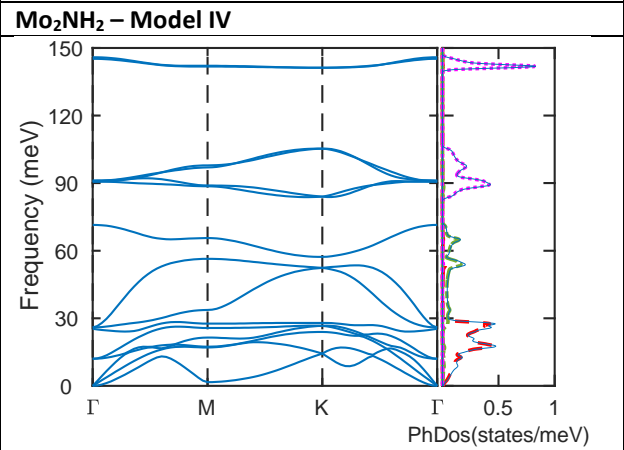
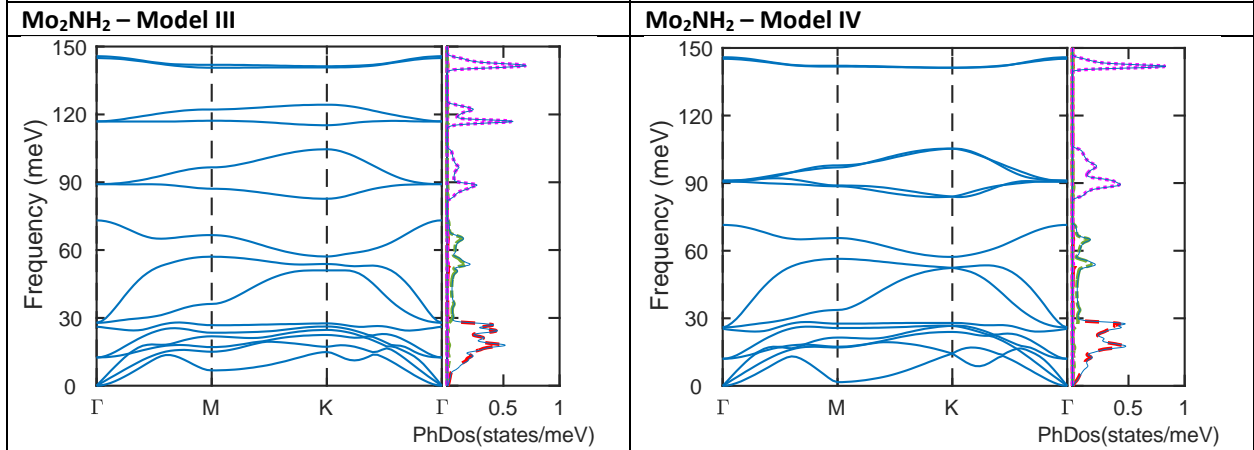
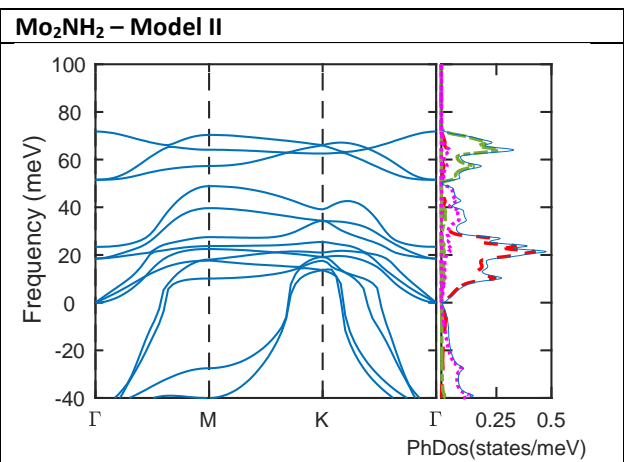
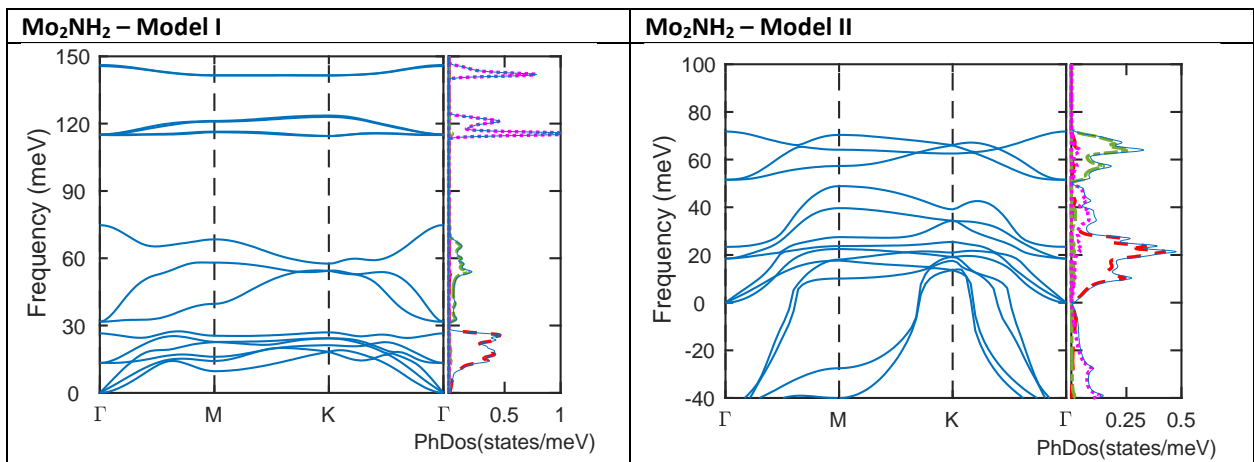
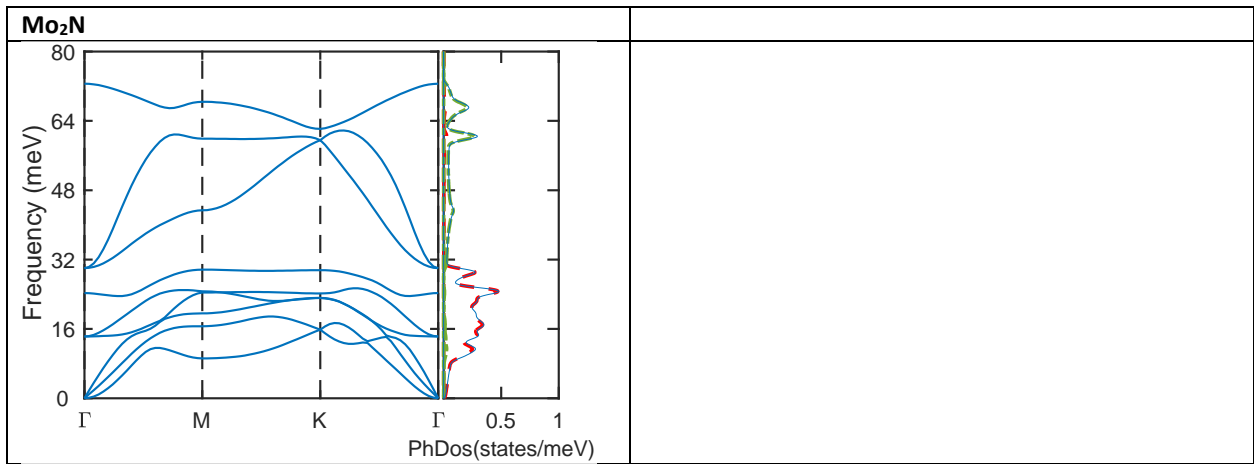
Jonas Bekaert<sup>1</sup>, Cem Sevik<sup>1,2</sup> and Milorad V. Milosevic<sup>1</sup>

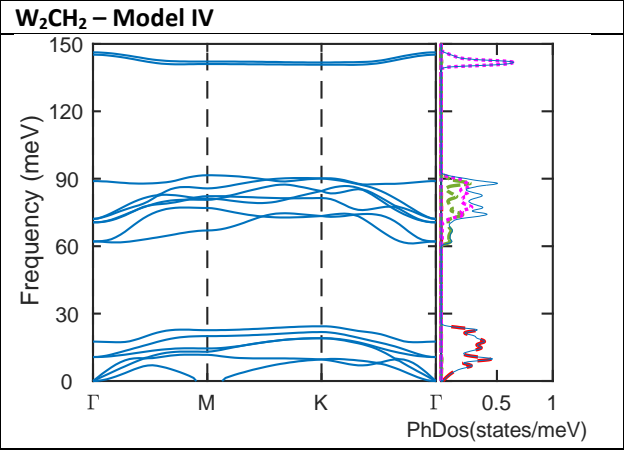
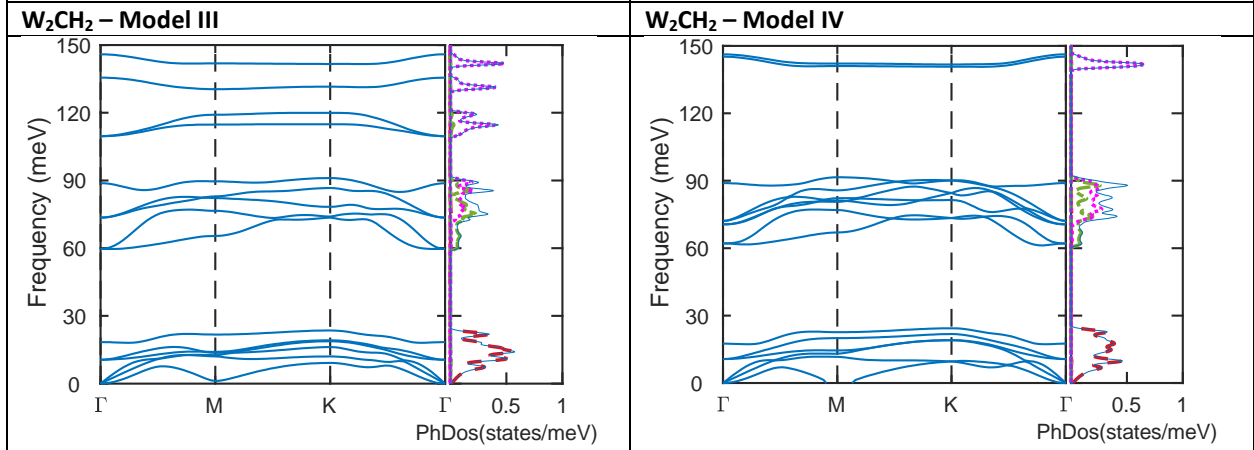
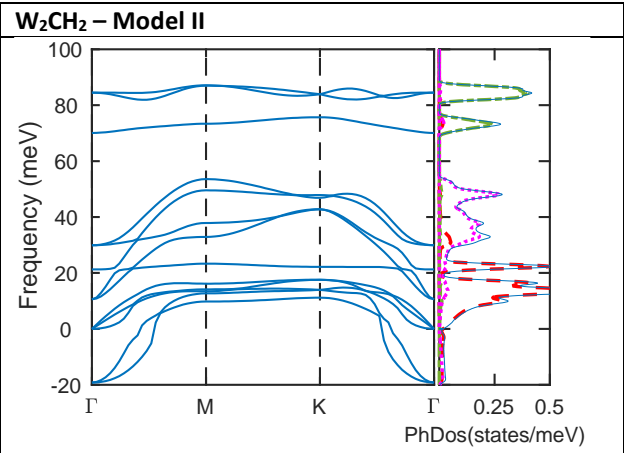
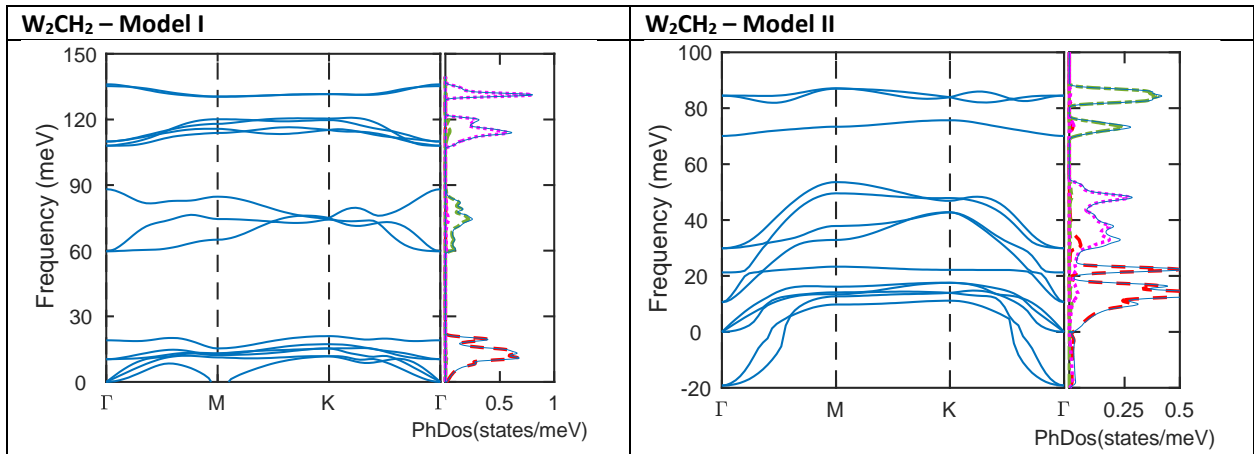
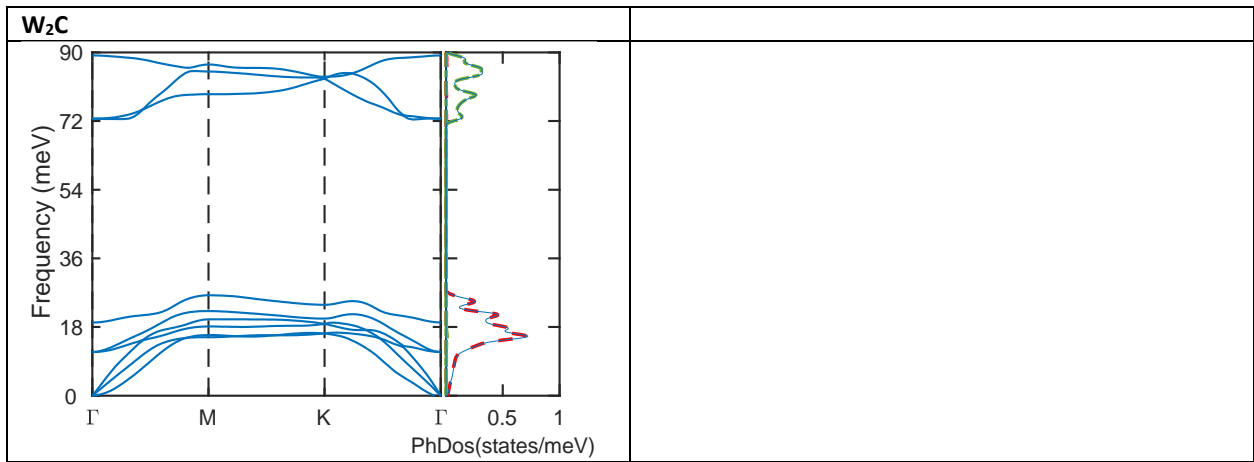
<sup>1</sup>Department of Physics & NANOLab Center of Excellence,  
University of Antwerp, Groenenborgerlaan 171, B-2020 Antwerp, Belgium

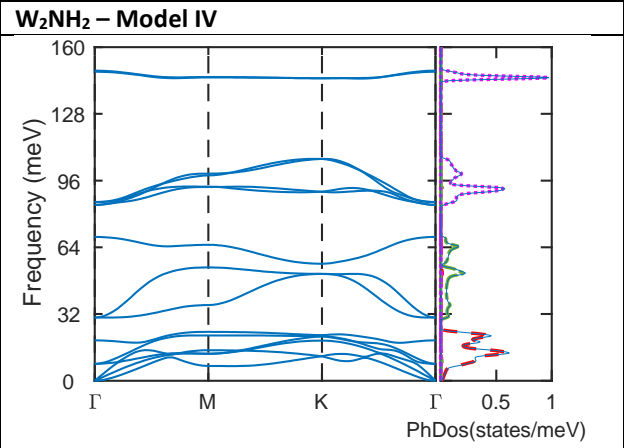
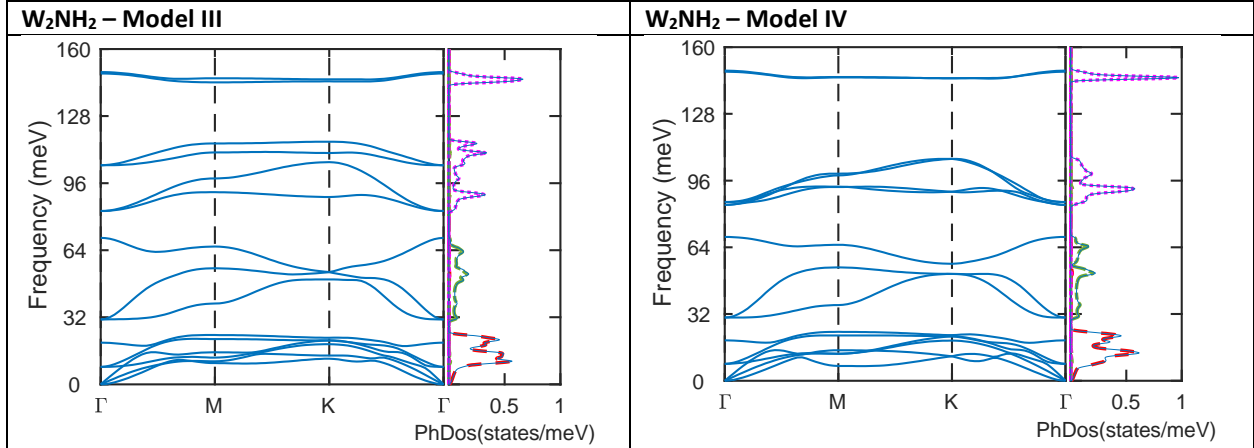
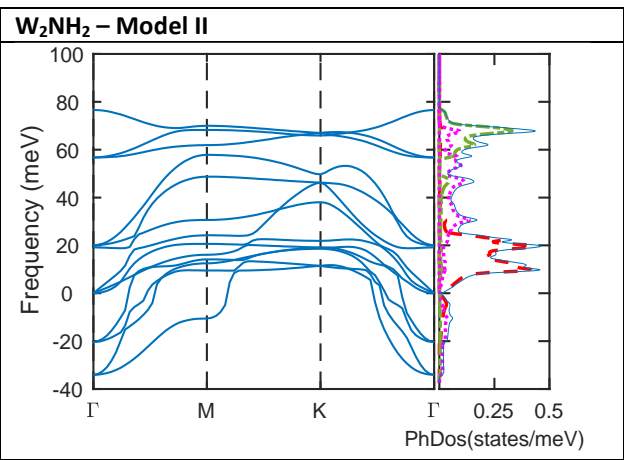
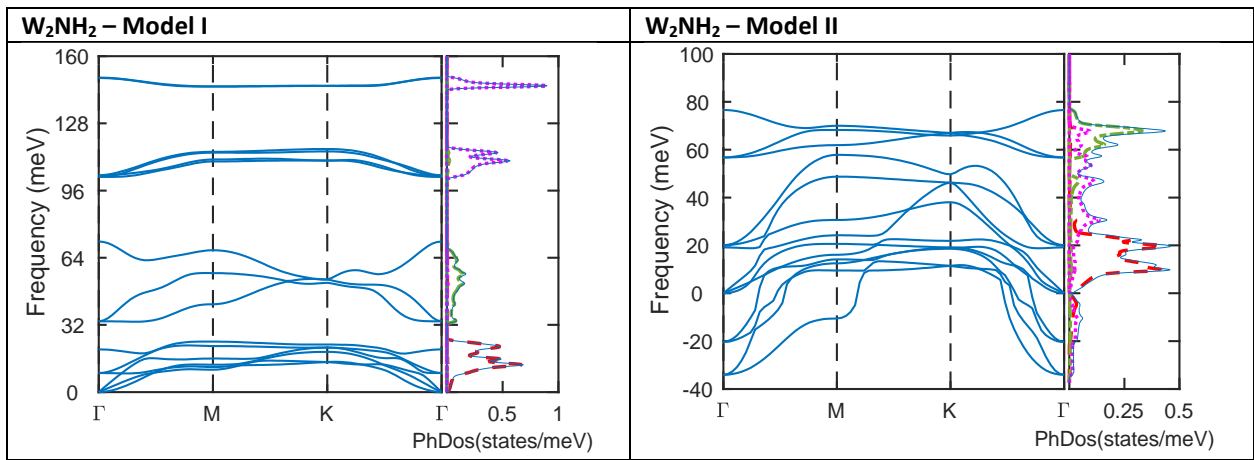
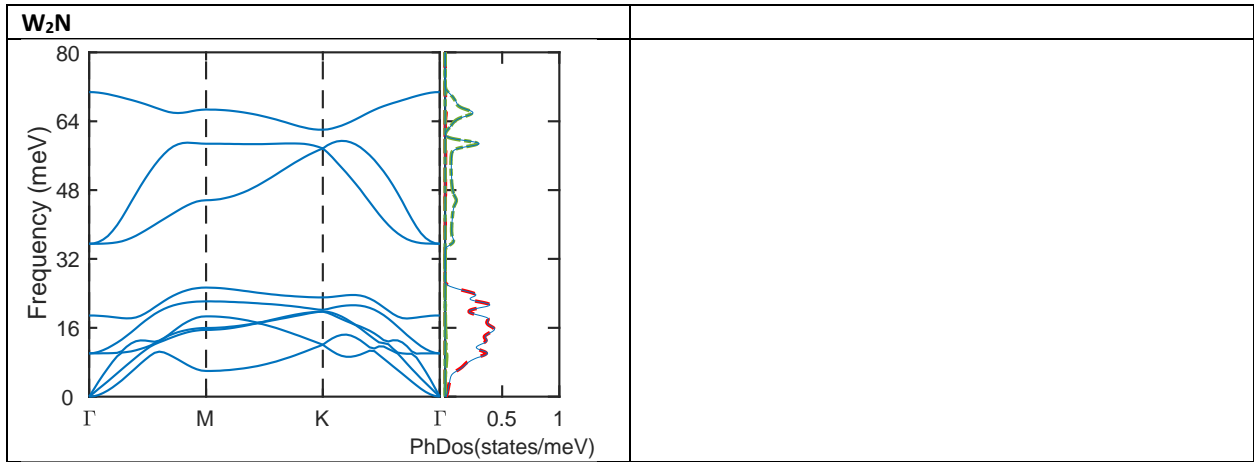
<sup>2</sup>Department of Mechanical Engineering, Faculty of Engineering,  
Eskisehir Technical University, 26555 Eskisehir, Turkey

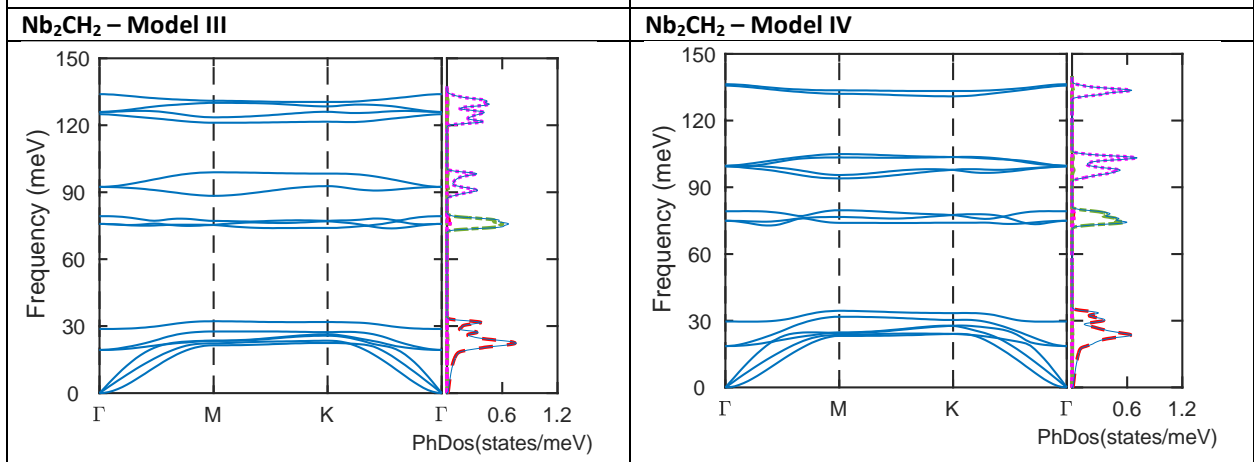
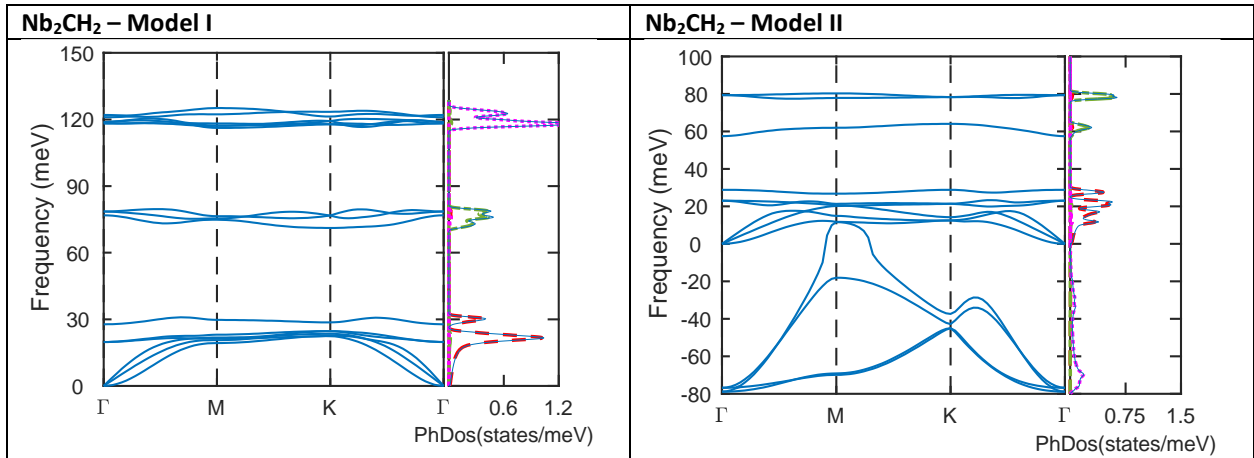
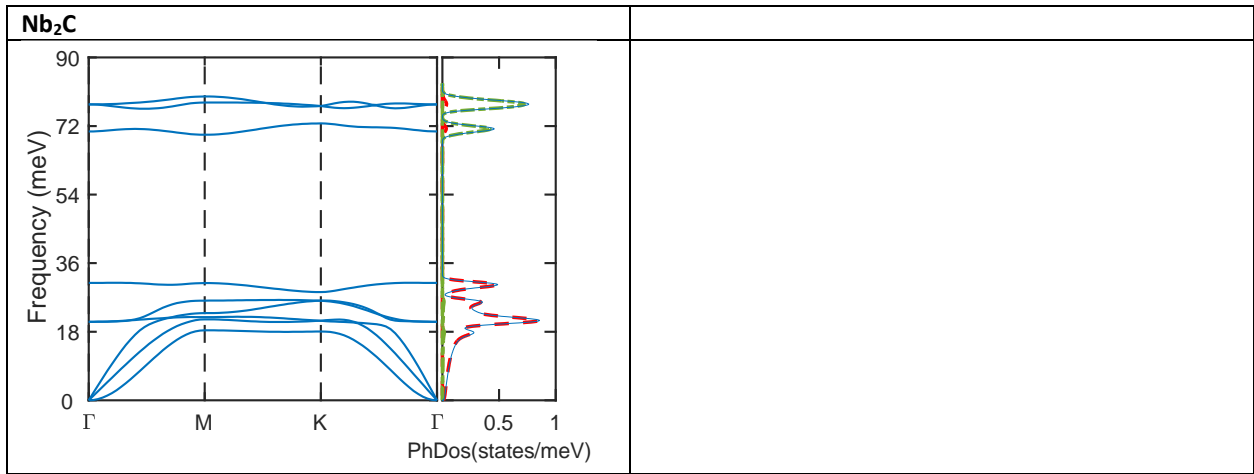
### VIBRATIONAL PROPERTIES



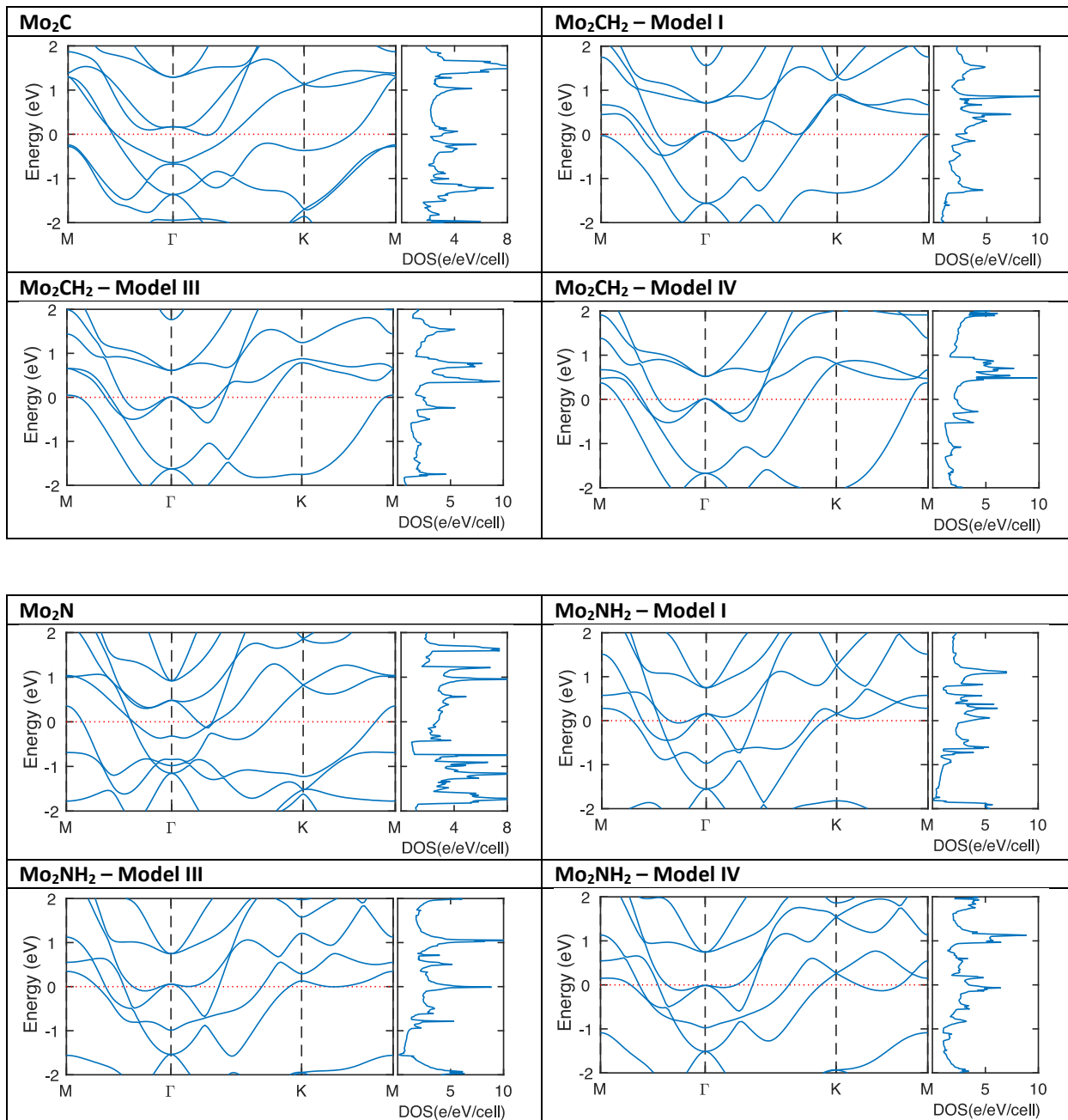


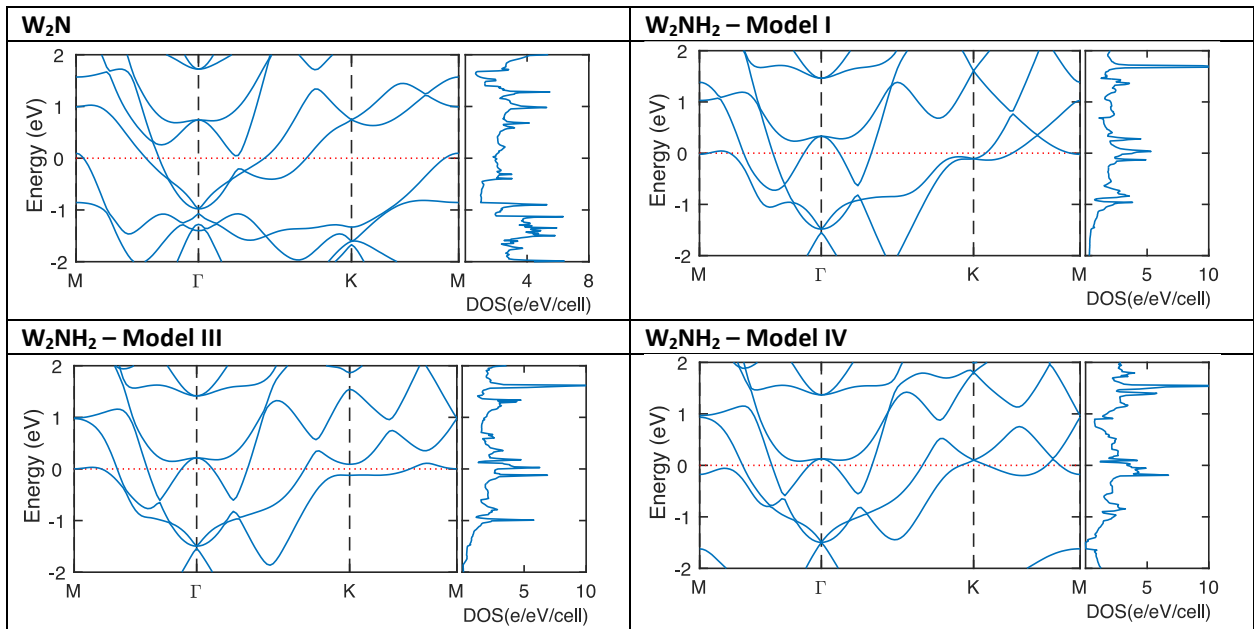
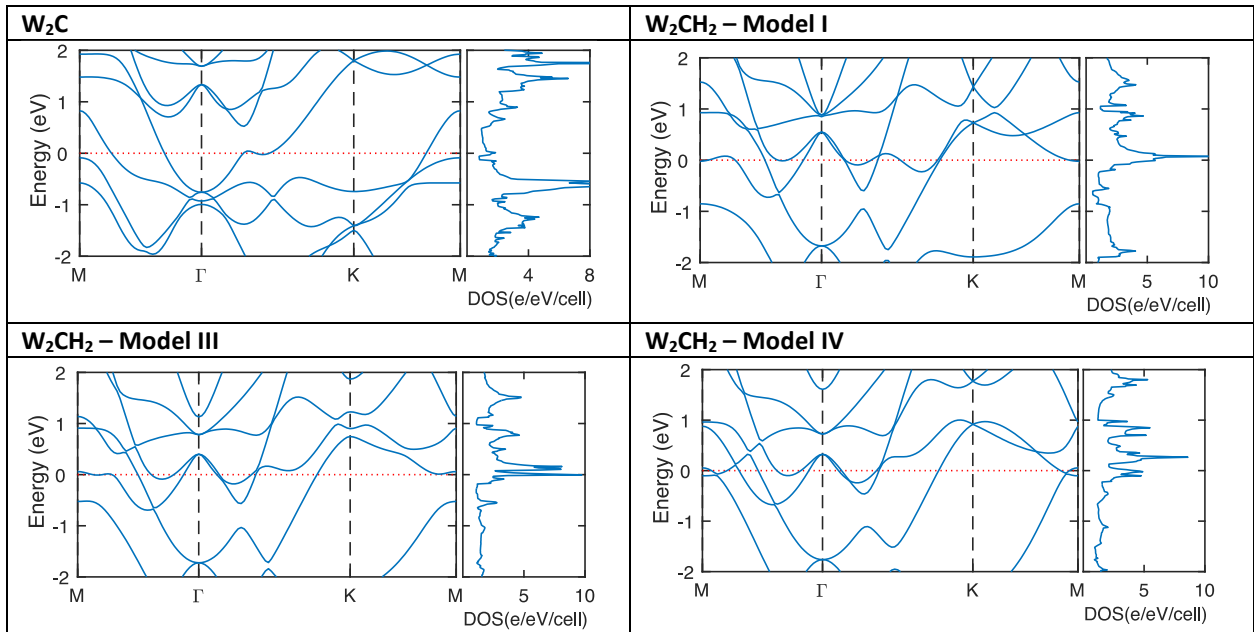


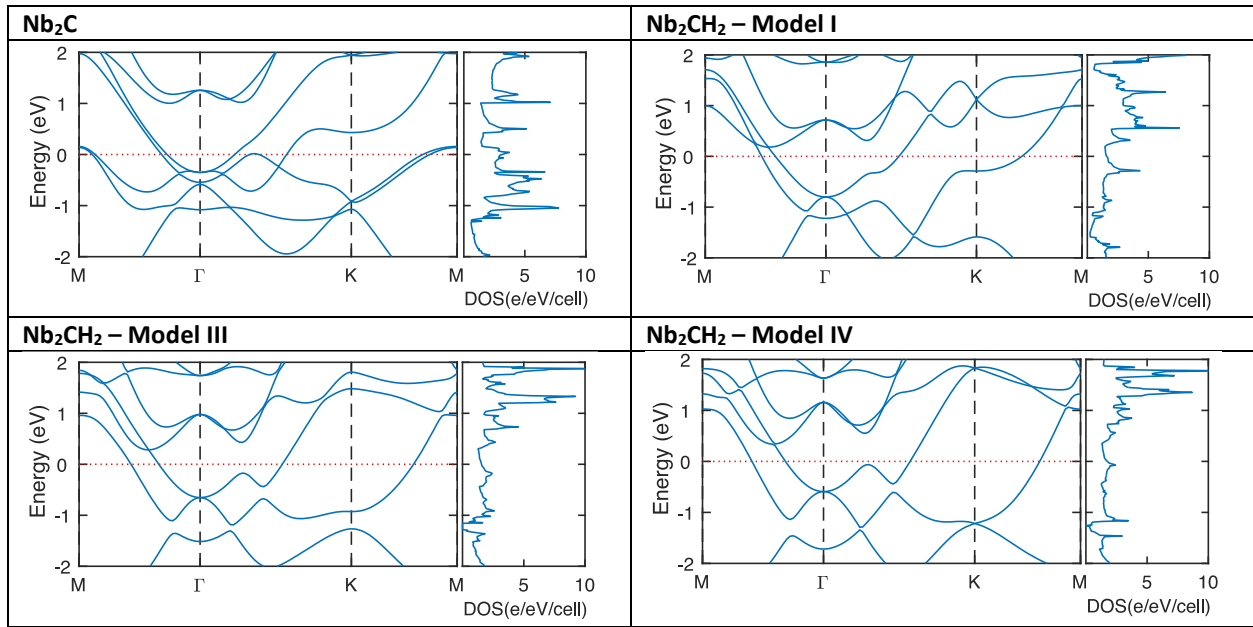




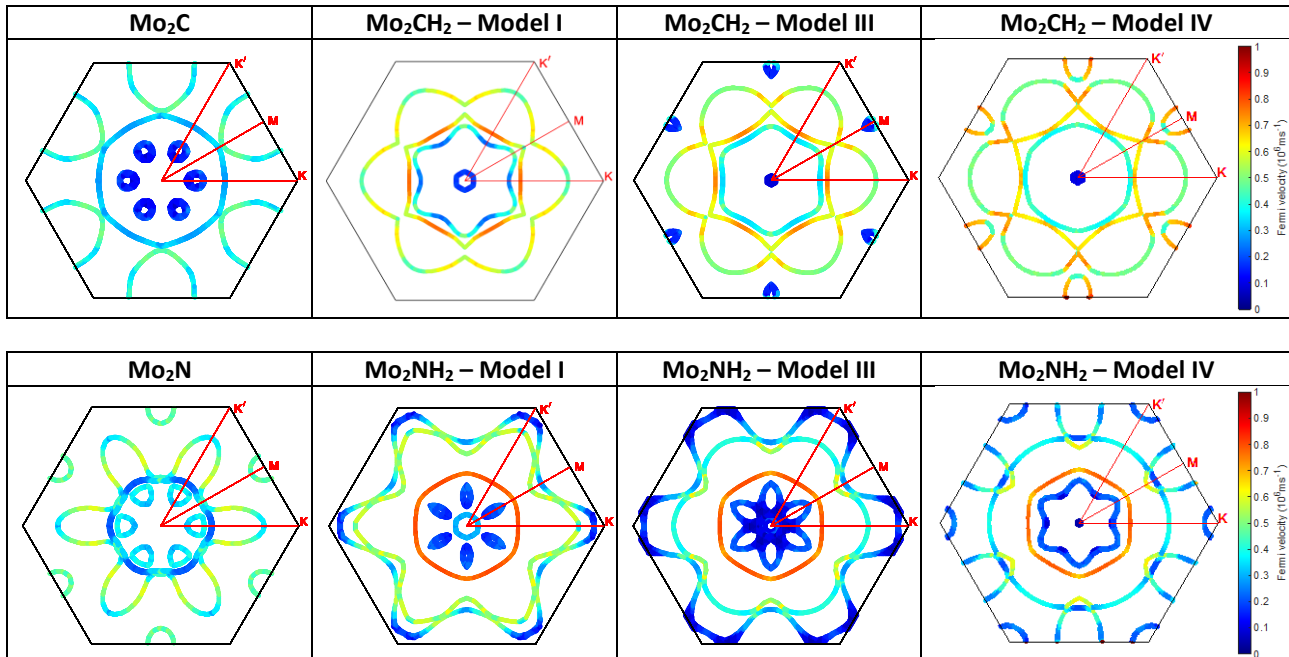
# ELECTRONIC BAND STRUCTURES



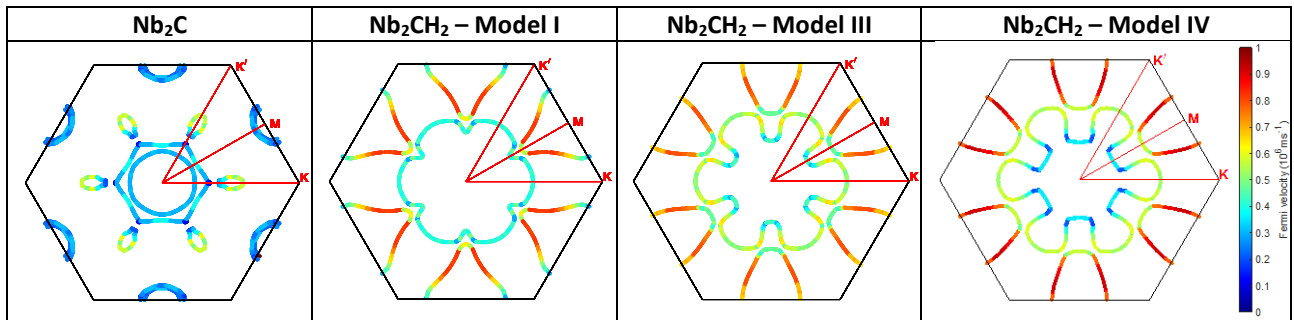
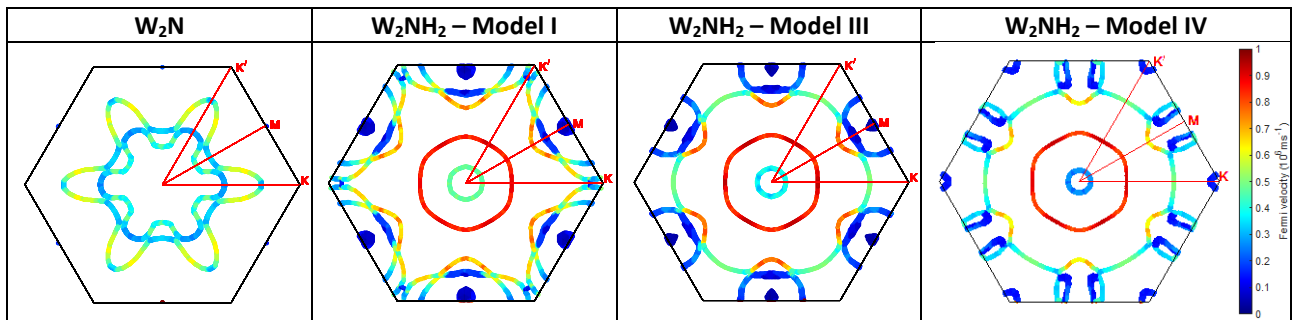
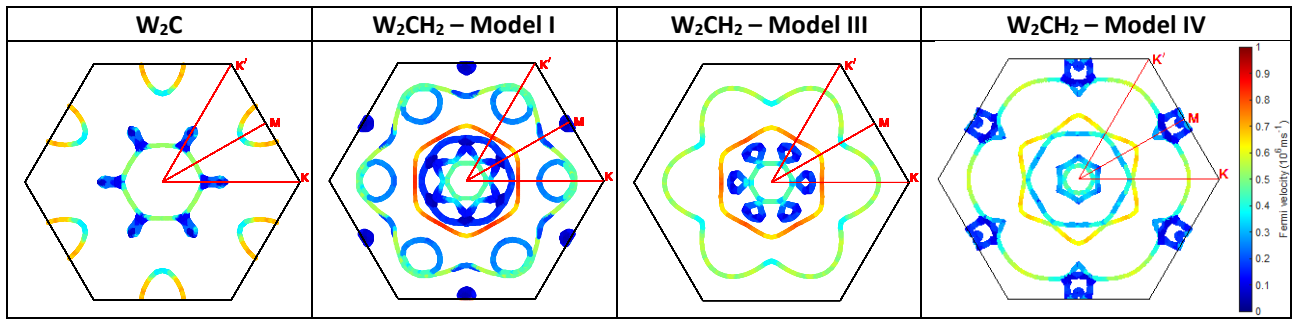




### FERMI SURFACES







# ELECTRON-PHONON COUPLING

