

Supplemental material for :
**”Validity of Weyl fermion picture for transition metals monpnictides TaAs, TaP,
NbAs and NbP from *ab initio* studies”**

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The nodal lines, to which the pairs of Weyl nodes in Fig.1 belong, have been found by using a dense (20000) mesh of k-points on the mirror plane

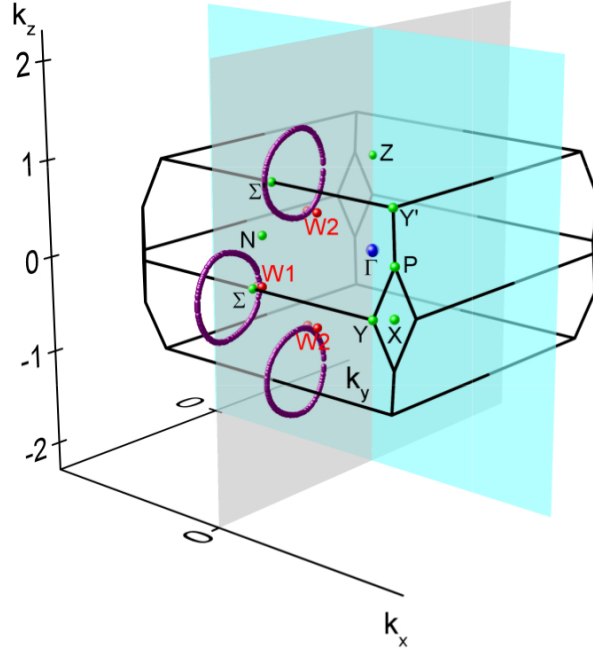


FIG. S1: Plot of the nodal lines in the BZ.

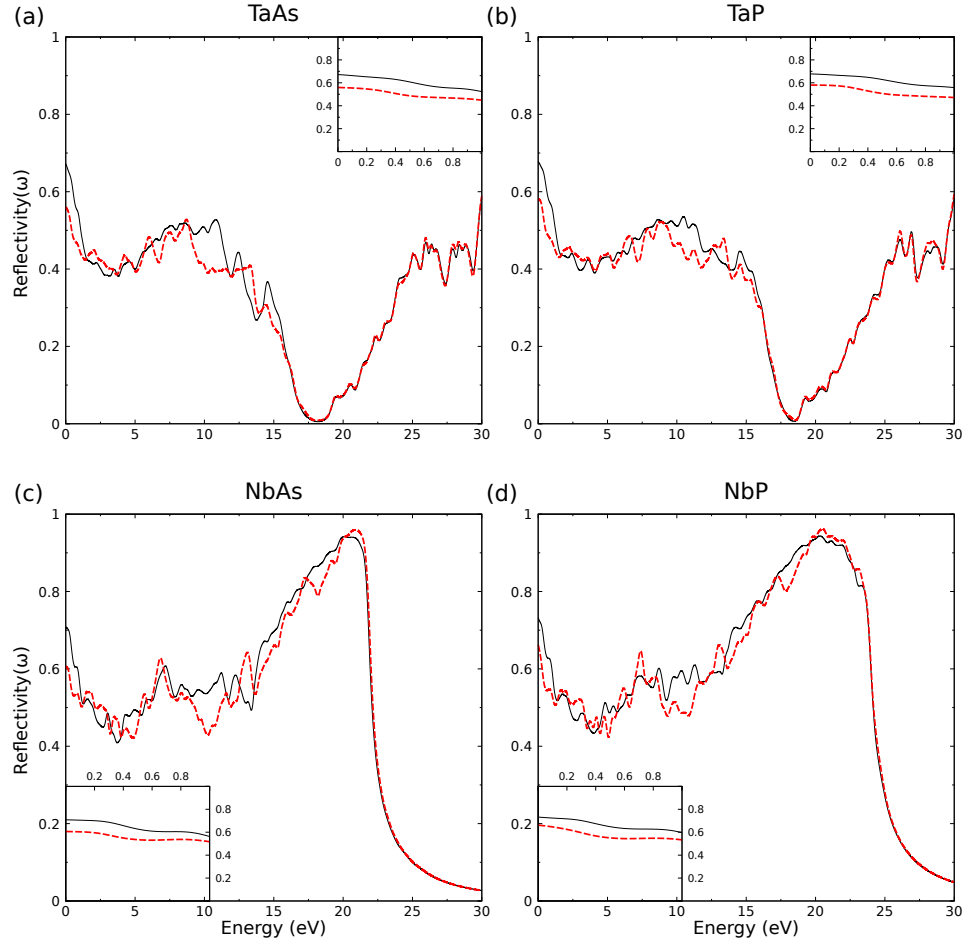


FIG. S2: Reflectivity of (a) TaAs, (b) TaP, (c) NbAs, and (d) NbP calculated for light polarization perpendicular (black solid lines) and parallel (red solid lines) to the tetragonal axis. The insets show the same data in a smaller energy range.