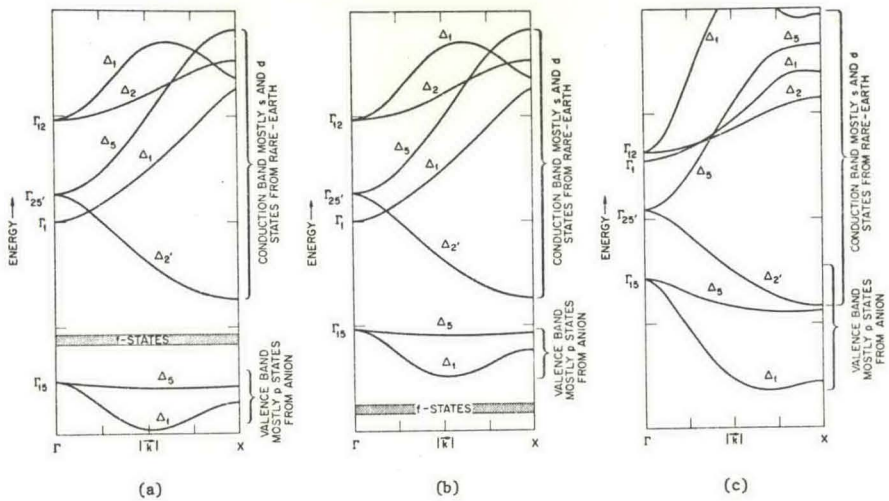

Figure 1. Some illustrative examples of variations in electronic band structures as calculated for the rare-earth monopnictides and monochalcogenides. These plots are for $\vec{k}$ along the <100> direction.

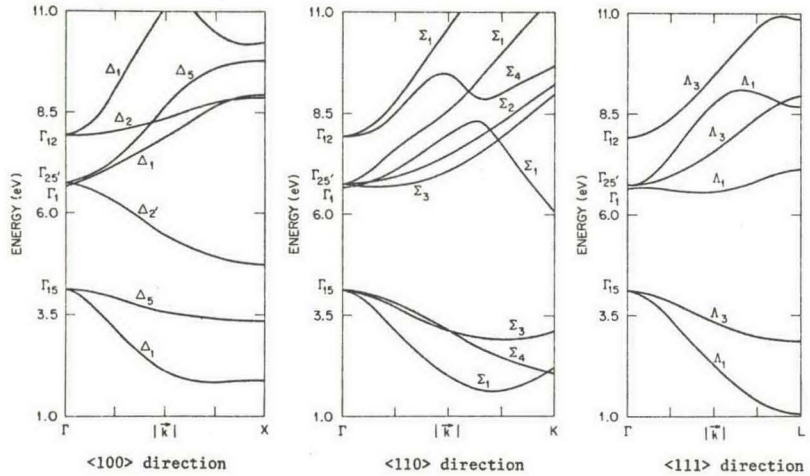

Figure 2. Calculated band structure for SmTe using an exchange multiplier of α = 0.844 and lattice parameter = 12.46 a.u. The f-states for this calculation were below the valence band at -0.22 eV. All energies are relative to the constant value of the potential between the muffin-tin spheres V_o = -1.058 ry.