substance: ErP
property: crystal structure, physical properties

energy gap

E_g	≈0.75 eV	Fig. 1 (X-ray spectroscopy) calculated band structure: Fig. 2 calculated density of states: Fig. 3	82G

References:

82G Gusatinskii, A.N., Alperovich, G.I., Soldatov, A.V.: Phys. Stat. Sol. (b) 112 (1982) 599.

Fig. 1.

RP. Energy gap of rare earth monophosphides vs. atomic number of the metal [82G].

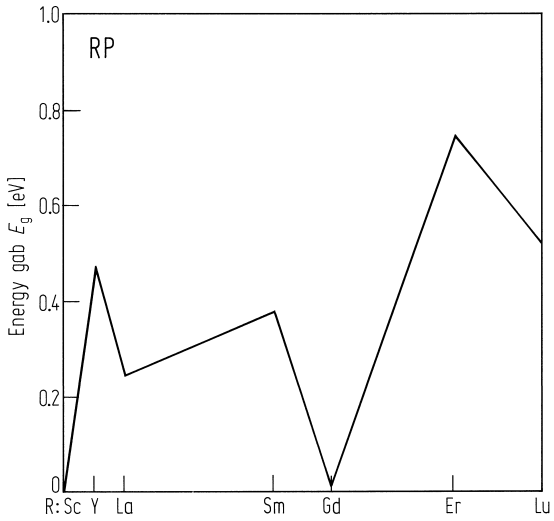

Fig. 2.

ErP. Energy band structure [82G].

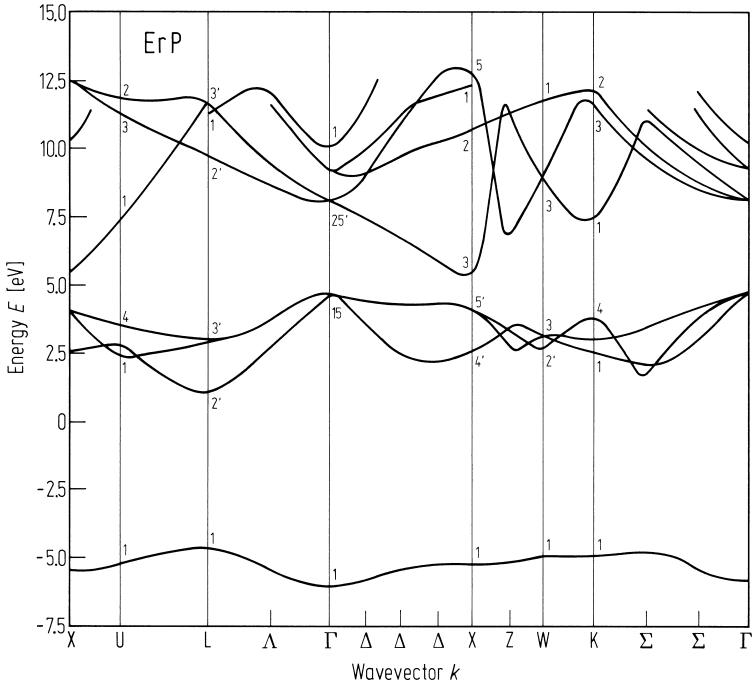

Fig. 3.

ErP. Calculated density of states [82G].