

4. PRODUCTION AND PROPERTIES OF RADIATIONS

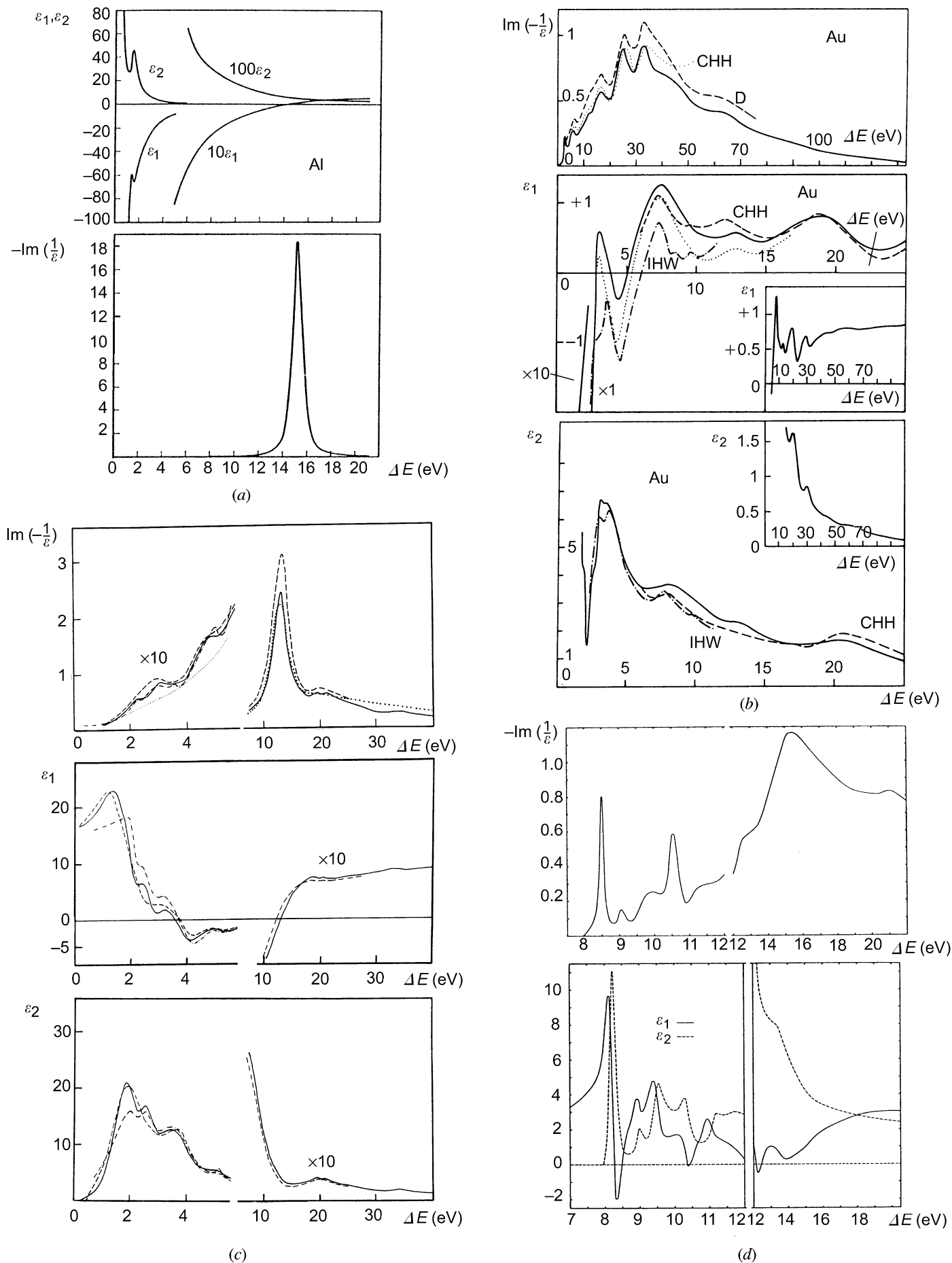


Fig. 4.3.4.18. Dielectric coefficients ϵ_1 , ϵ_2 and $\text{Im}(-1/\epsilon)$ from a collection of typical real solids: (a) aluminium [courtesy of Raether (1965)]; (b) gold [courtesy of Wehenkel (1975)]; (c) InSb [courtesy of Zimmermann (1976)]; (d) solid xenon at ≈ 5 K [courtesy of Keil (1968)].