

Erratum: X-ray fluorescence yields, Auger, and Coster-Kronig transition probabilities

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Please note the following corrections:

Page 746: In the caption of Fig. 2-11 it is stated that the straight line represents Eq. (2-65)

$$\Gamma(K) = 1.73Z^{3.93} 10^{-6} \text{ (eV)}.$$

Such an expression can only be displayed by a straight line in a $\log \Gamma(K)$ versus $\log E$ scale. Therefore, the vertical scale must be a logarithmic one and should run from 2 to 80.

We thank Dr. N. A. Dyson for bringing this to our attention.

Page 756: Table III.II, last line, column ω_K , should be 0.884.

Page 758: Table III.IV, last line, column Reference, should read "Reher."

Page 759: Line 12 (from the bottom), column ω_K , should read 0.884f.

Page 759: Line 11 (from the bottom), column ω_K , should read *0.883.

Page 760: Table III.IV, line 10, column Element, should read Lu.

Page 764: Table IV.I. Decay energies and some numbers of ^{202}Pb and ^{205}Pb have to be corrected. The new numbers should read:

Parent nucleus	Decay Energy $Q_{EC}(\text{keV})$	N_1	N_2	N_3
Pb^{202}	44	0.030	0.003	0.967
Pb^{205}	43	0.028	0.003	0.969

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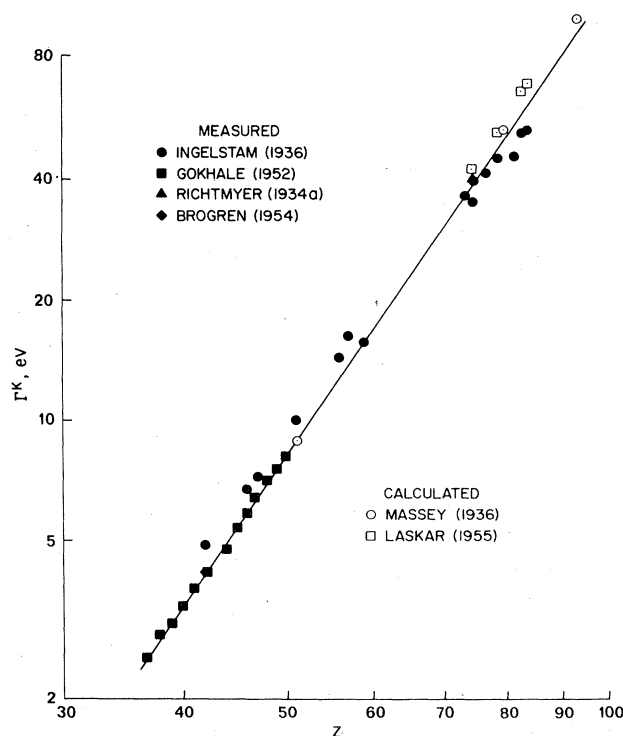


FIG. 2-11. K -level width as a function of atomic number. The straight line represents Eq. (2-65). [After Leisi, Brunner, Perdrisat, and Scherrer (1961), courtesy of Birkhauser Publishing Co.]

We thank Dr. Guy Emery for bringing this to our attention.

Page 809: Line 17 (from the bottom) of the left-hand column should read "... —, and W. N. Asaad, 1972, 'The Auger Effect' ..."

Page 810: Line 21 (from the bottom) of the right-hand column should read "... Jaffe, H., 1954, Bull. Res. Council of Israel 3, 316 ..."