

Errata

Erratum: Isovector radiative decays and second-class currents in mass 8 nuclei [Phys. Rev. C 18, 1447 (1978)]

T. J. Bowles and G. T. Garvey

Equation (1) in the above article is incorrect by factor 2. The expression on the right hand side should be multiplied by 2 in order to take proper account of symmetrization in the incident channel. The extracted isovector $M1$ radiative width should have been

$$\Gamma_{M1}^1 = 3.05 \pm 0.27 \text{ eV} . \quad (1)$$

This leads to value a value for the ratio of second-class form factor to the allowed axial vector form factor of

$$\frac{d_{II}}{Ac} = -1.02 \pm 0.92 . \quad (2)$$

We gratefully acknowledge useful discussion with A. Sandorfi and J. Weneser.

Erratum: Beta-alpha angular correlations in mass 8 [Phys. Rev. C 22, 738 (1980)]

R. D. McKeown, G. T. Garvey, and C. A. Gagliardi

Due to an error in a previous publication [T. J. Bowles and G. T. Garvey, Phys. Rev. 18, 1447 (1978)], an incorrect value was used for the weak magnetism form factor in the beta decay of ${}^8\text{Li}$ and ${}^8\text{B}$. The predicted contribution of the weak magnetism form factor to the asymmetry of the β^\pm - α angular correlation is reduced to $\delta_{EM} = 5.98 \pm 0.78$. The value of the second class induced tensor form factor now becomes

$$\frac{d_{II}}{Ac} = -0.52 \pm 0.80 . \quad (1)$$

Figures 17 and 18 on p. 748 should be corrected to read as shown below.

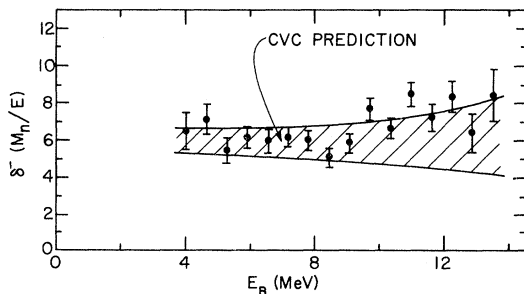


FIG. 17. The slope of δ^- as a function of beta energy for the data analyzed independent of final-state energy. The indicated band is the CVC prediction using the corrected (as in the erratum, this issue of Phys. Rev. C) CVC prediction by Bowles and Garvey.

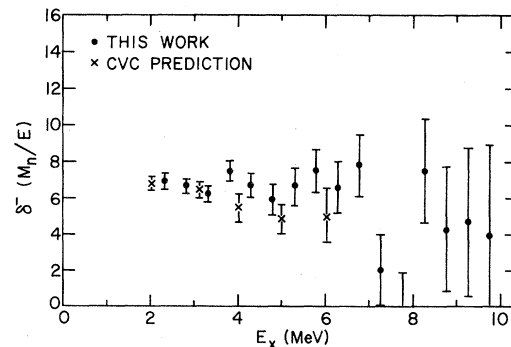


FIG. 18. Average slope of δ^- as a function of final-state excitation energy. The CVC prediction uses the corrected data of Bowles and Garvey.