Erratum: Reliability of usual assumptions in the calculation of β and ν spectra [Phys. Rev. C **91**, 055504 (2015)]

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Unfortunately, a typographical error is present in Eq. (13) of Sec. II E for the radiative corrections. Originally, the third line of Eq. (13) which defines the quantity $g(W, q)$ was given as

$$\dots + \frac{\tanh^{-1}\beta}{\beta} \left[(1 + \beta^2) \frac{q^2}{3W^2} - 4\tanh^{-1}\beta \right],$$

but should be

$$\dots + \frac{\tanh^{-1}\beta}{\beta} \left[2(1 + \beta^2) + \frac{q^2}{6W^2} - 4\tanh^{-1}\beta \right];$$

see Refs. [15,25].

Note that the correct formula was used throughout the work, and therefore all results given previously remain valid.

[15] H. Behrens and W. Bühring, *Electron Radial Wave Functions and Nuclear Beta Decay* (Clarendon, Oxford, 1982).

[25] A. Sirlin, *Phys. Rev.* **164**, 1767 (1967).