# Erratum: Emergence of rotational bands in *ab initio* no-core configuration interaction calculations of the Be isotopes [Phys. Rev. C 91, 014310 (2015)]

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(Received 4 December 2018; published 15 February 2019)

DOI: 10.1103/PhysRevC.99.029902

The Coriolis decoupling parameter $a$ for the experimentally observed ground-state band in $^{7}$Be, as deduced from the level energies in Table III of the original paper, was misplotted in Fig. 19(c) of that article. The corrected value ($a = -1.29$) is shown in the corrected Fig. 19. (The original Fig. 19 showed the value as $a = -0.71$ instead.) This correction does not affect the qualitative discussion in the original article but does bring the *ab initio* no-core configuration interaction predictions and experimental results into better quantitative agreement.

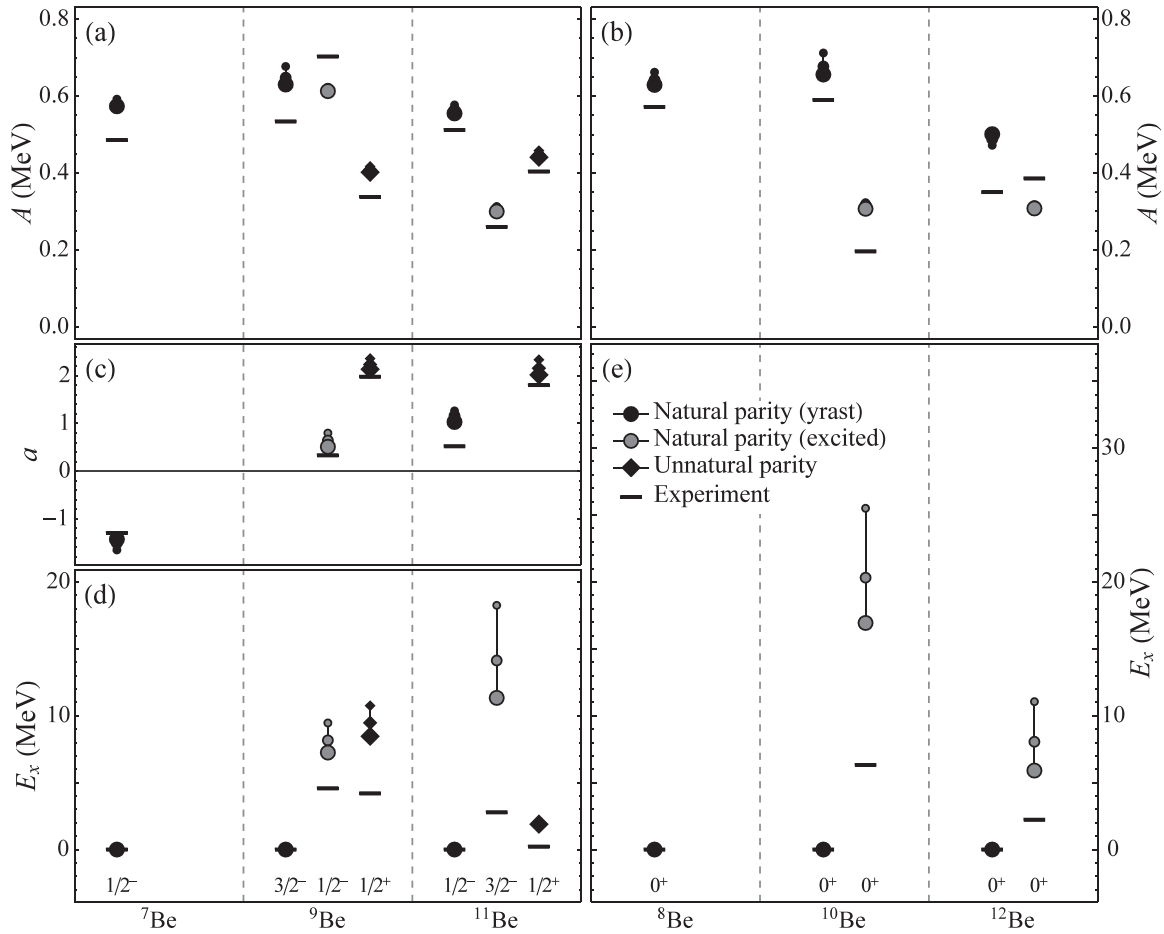


FIG. 19. Band energy parameters for all bands considered in the original paper for the odd-mass Be isotopes (left) and even-mass Be isotopes (right). Parameters considered are as follows: the rotational energy constant $A$ (top), the Coriolis decoupling parameter $a$ (middle), and the band excitation energy $E_x$ (bottom), which is defined as the band energy $E_0$ for the given band relative to that of the natural parity ground-state (or yrast) band. Bands are distinguished as natural parity ground-state (circles, solid), natural parity excited (circles, shaded), and unnatural parity ground-state (diamonds) bands. Values are shown for successive $N_{\max}$ values ($6 \leqslant N_{\max} \leqslant 10$ for natural parity or $7 \leqslant N_{\max} \leqslant 11$ for unnatural parity) to provide an indication of convergence (the larger symbols indicate higher $N_{\max}$ values). The parameter values extracted from experimental bands are indicated by horizontal lines. The $K^P$ assignments for the bands are indicated at the bottom.

 