Erratum: Momentum distributions, spin-dependent observables, and the D_2 parameter for ³He breakup [Phys. Rev. C 87, 024002 (2013)]

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Due to oversights in the presentation of our results in the original article, there were typographical errors in the text and in two of the figures. The new Figs. 1 and 2 shown here have the correct y-axis scales, replacing incomplete figures in the original paper in which inadvertently all scale values on the ordinate were identical.

In Eq. (23), which defines the momentum distribution of deuterons in ³He, a factor $(4\pi)^{-1}$ was left out. The complete Eq. (23) should read

$$d(q) = \frac{1}{4\pi}[u^2(q) + w^2(q)]. \tag{23}$$

On the left-hand side of Eq. (A3) the summation over the spin projection s_3, which was present in Eq. (A2), was erroneously left out. The left-hand side of this equation should read

$$\sum_{s_3} \int d\Omega_p \left| \chi^\dagger_{\pm \frac{1}{2}} \langle 0010|\Psi_{\frac{1}{2}}(\mathbf{p},\mathbf{q}) \right|^2 = \cdots .$$

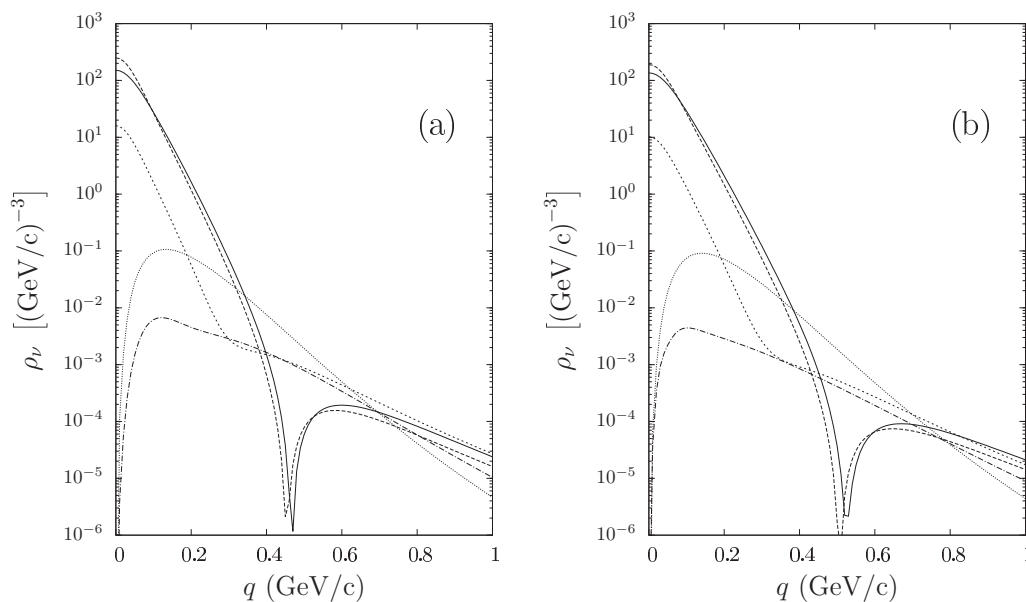The results and conclusions presented in the original paper are not affected by these corrections.

FIG. 1. One-nucleon momentum distributions in partial channels for the [12] (a) and [13] (b) potentials. Long-dashed lines, $^1s_0 S$; solid lines, $^3s_1 S$; short-dashed lines, $^3d_1 S$; dotted lines, $^3s_1 D$; and dash-dotted lines, $^3d_1 D$.
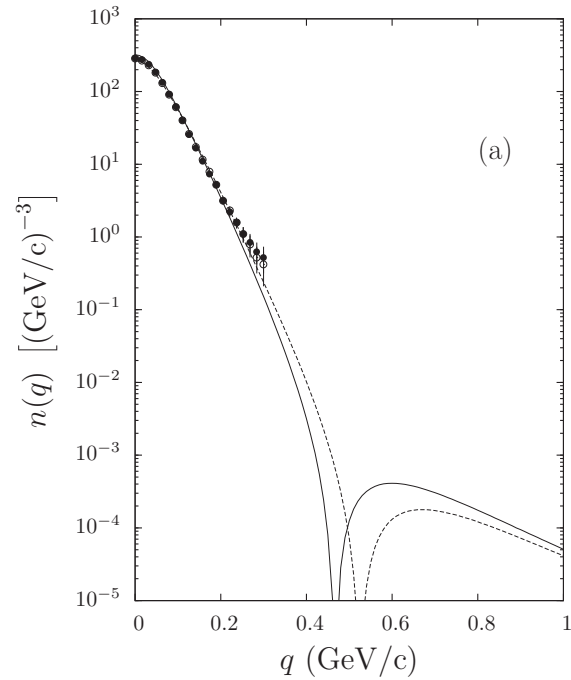
FIG. 2. The neutron momentum distribution. The solid and dashed curves are for the Paris and CD-Bonn potentials, respectively. The solid and open circles represent results of variational calculations [18] obtained using the Urbana and Argonne potentials, respectively.

[12] M. Lacombe, B. Loiseau, J. M. Richard, R. Vinh Mau, J. Conte, P. Pires, and R. de Tourreil, Phys. Rev. C **21**, 861 (1980).

[13] R. Machleidt, Phys. Rev. C **63**, 024001 (2001).

[18] R. Schiavilla, V. R. Pandaripande, and R. B. Wiringa, Nucl. Phys. A **449**, 219 (1986).