Errata

Erratum: Nucleon exchange properties of the $E/A = 8.5$ MeV ^{74}Ge + ^{165}Ho reaction [Phys. Rev. C 41, 942 (1990)]

R. Płaneta, K. Kwiatkowski, S. H. Zhou, V. E. Viola, H. Breuer, M. A. McMahan, W. Kehoe, and A. C. Mignerey

Erratum: Heat partition in the $E/A = 8.5$ MeV ^{74}Ge + ^{165}Ho reaction [Phys. Rev. C 41, 958 (1990)]

K. Kwiatkowski, R. Płaneta, S. H. Zhou, V. E. Viola, H. Breuer, M. A. McMahan, and A. C. Mignerey

In our recent papers dealing with the nucleon exchange and heat partition properties of the ^{74}Ge + ^{165}Ho reaction [R. Płaneta *et al.*, Phys. Rev. C **41**, 942 (1990) and K. Kwiatkowski *et al.*, Phys. Rev. C **41**, 958 (1990)], we neglected to make reference to our earlier Rapid Communication on these subjects [R. Płaneta *et al.*, Phys. Rev. C **39**, 1197 (1989)]. In particular we call attention to the reader that the two more recent papers contain a more realistic simulation of the instrumental effects associated with the correlation between the direction of nucleon exchange and the sharing of excitation energy than does the earlier Rapid Communication.

Erratum: Spin density and the real part of the heavy-ion potential [Phys. Rev. C 36, 1016 (1987)]

Satinder Kaur and P. Chattopadhyay

An error has been discovered in the computer program for the calculation of the spin density contribution to the heavy-ion potential. As a result, Figs. 1, 2, and 3 are modified. The corrected figures are as given here. There is an overall change in sign in V_s as compared to the original work. Also the magnitude decreases roughly by 50%.

We thank Professor K.C. Panda for drawing our attention to the discrepancies in our results.

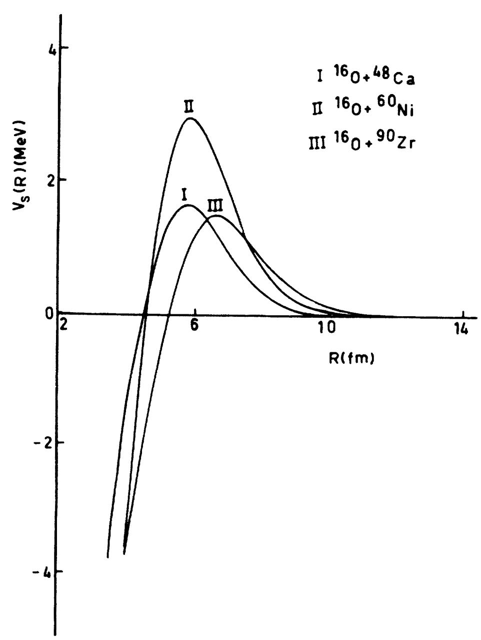

FIG. 1. The plot of $V_s(\mathbf{R})$ as a function of the separation distance R between the centers of the colliding nuclei. The nucleus ^{16}O is spin saturated with $\mathbf{J}_n = 0$, $\mathbf{J}_p = 0$.

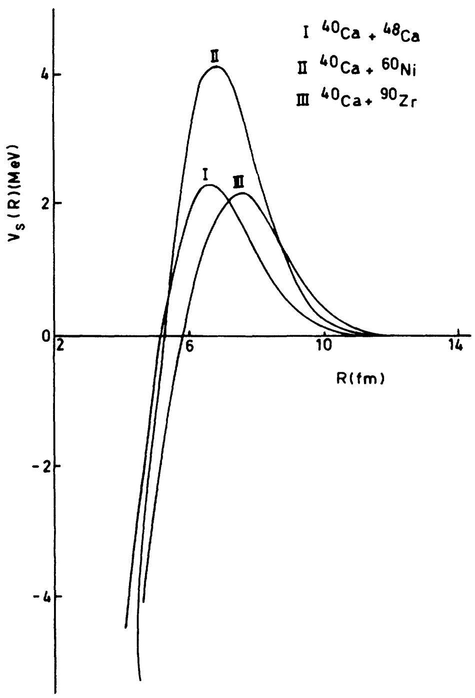

FIG. 2. The plot of $V_s(\mathbf{R})$ as a function of the separation distance R between the centers of the colliding nuclei. One of the nuclei (^{40}Ca) is spin saturated.

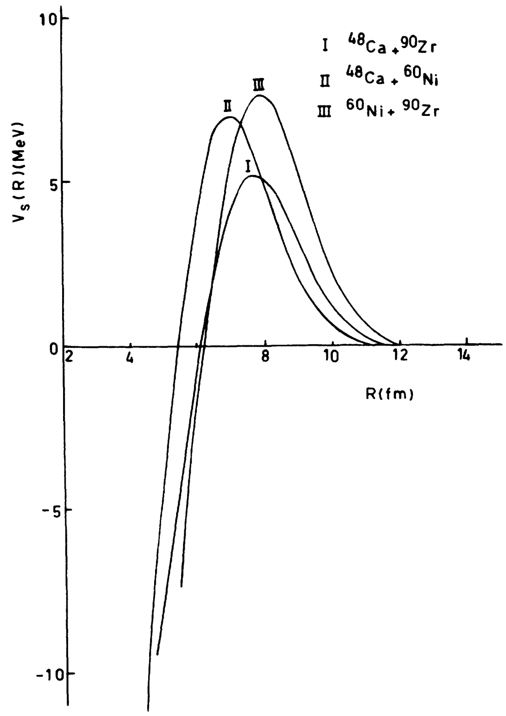

FIG. 3. The plot of $V_s(\mathbf{R})$ as a function of the distance of separation R between the colliding nuclei, where both nuclei are spin unsaturated.

Erratum: Dipole strength function in ^{11}Li [Phys. Rev. C 41, 1300 (1990)]

G. Bertsch and J. Foxwell

The dipole strength is higher for the most weakly bound particles than reported, because the maximal radius in the numerical Green's function was too small. We are grateful to H. Esbensen for finding this error. If the effective single-particle binding is small, the theory now falls within error limits of the data. The corrected results of Table II are given here. A detailed analysis including the theory of the binding energy is in preparation by Esbensen and Bertsch.

TABLE II. Coulomb excitation cross section for 800 MeV/nucleon ^{11}Li on ^{208}Pb target with various models, compared to experiment.

Valence neutron orbit	Binding energy (MeV)	Cross section (b)
$p_{1/2}$	0.2	0.7
$p_{1/2}$	1.0	0.25
Experiment		0.9