Errata

Erratum: Pion-nucleus scattering at 800 MeV/c [Phys. Rev. C 44, 415 (1991)]

Masaki Arima, Keiichi Masutani, and Ryoichi Seki

PACS number(s): 25.80.Dj, 25.80.Fm, 99.10.+g

The parameter B, the absorption strength, was used inconsistently in Secs. IV B and IV C. To be consistent, the factor A(A-1)/2 should be added in Eq. (33) and its inverse should be removed from Eq. (35). Note that the nuclear density is normalized to unity in our convention and that B is thus independent of the nuclear mass number A. The value of B quoted at the end of the second paragraph in Sec. IV C and in the caption of Fig. 7 should be $1.3-i1.3 \, \mathrm{fm}^4$ instead of $57-i57 \, \mathrm{fm}^4$ in the consistent definition. This value, required for agreement with the BNL data, is thus about four times as large as that obtained by the deuteron data. Our conclusion therefore remains the same, but a closer examination of the pion absorption effects would now be needed.

We thank Dr. Mikhail Khankhasayev for pointing out the inconsistent use of the B parameter.