Erratum: Isospin dependence of pion absorption on nucleon pairs

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We have found that the relative sign between the NN' and NΔ intermediate states was incorrect in the computer code that produced the predictions in this paper. Correcting this error makes negligible changes in the predictions of $\sigma_1$, the cross section for absorption by $T=0$ NN pairs. The angle-averaged ratio $R$ (Fig. 3) is also negligibly affected by this correction. The major effect of this sign error is to reverse the asymmetry of the $T=1$ cross section $\sigma_3(\theta)$ about $\theta = \pi/2$. An example of this is shown for $T_{\text{lab}} = 255$ MeV in the accompanying Fig. 1. Note that our prediction in the paper of a prominent backward peaking in $R(\theta)$ at this energy now becomes, as corrected, a prediction for strong forward peaking. At $T_{\text{lab}} = 65$ MeV the asymmetry is now in agreement with the observed backward-peaked cross section, but the predicted angular distribution is still flatter than the data.

![Diagram](image)

**FIG. 1.** The absorption cross section $\sigma_3(\theta)$, in arbitrary units, on $T=1$ NN pairs at $T_{\text{lab}}=255$ MeV. Corrected cross section is solid line, original prediction is dashed line.

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