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We recently noticed that formula (A28) in the Appendix is erroneous.1 Following Eqs. (A20)–(A27), the center-of-mass scattering angle, θ, is given by

\[ \theta = \alpha - \beta, \]

\[ \theta = \arccos(u_{\Gamma'} \cdot y) \]

\[ = \arccos(\sin \beta (\cos \alpha \cos \alpha_{\Gamma'} - \sin \alpha \sin \alpha_{\Gamma'} \cos \theta_{J'}) + \cos \beta (\sin \alpha \cos \alpha_{\Gamma'} + \cos \alpha \sin \alpha_{\Gamma'} \cos \theta_{J'}) - \sin \theta_{J'} \sin \alpha_{\Gamma'} \sin \theta_{J'})]. \]

However, the above correct formula was the one used to compute all the published results. The conclusions are then unaffected.


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