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Study of total, complete and incomplete fusions

We present a theoretical study of total, complete and incomplete fusion. Using the different fusion definitions and considering the angular distributions total fusion cross section, it is shown that there is a lower angular momentum L , such that below this value, the total fusion is independent of the projectile binding energy. We show that this region represents the complete fusion.

Apply to be considered for a student award (Yes / No)?

No

Level for award (Hons, MSc, PhD, N/A)?

N/A

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