

Nuclear Experiment

Saturation of Coulomb sum rules in the 6^{Li} case

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The Coulomb sums $S_L(q)$ of the 6^{Li} nucleus have been obtained from electron scattering measurements at 3-momentum transfers $q = 1.125 - 1.625 \text{ fm}^{-1}$. It is found that at $q > 1.35 \text{ fm}^{-1}$ the Coulomb sum of the nucleus becomes saturated: $S_L(q) = 1$.

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