

Prospects of hypernuclear photoproduction

As the $(e,e'K^+)$ reactions performed at the Jefferson Laboratory have achieved great success in hypernuclear production spectroscopy, we are encouraged to apply the DWIA theory not only to light systems, but also to medium and heavier hypernuclear productions. The merits are based on the spin-flip dominance of the reaction process, the sizable momentum transfer, the conversion of proton into Lambda, the sub-MeV energy resolution, etc. We will discuss major and characteristic results of the theoretical predictions.

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