

STUDY OF LIGHT HYPERNUCLEI INTERACTION WITH NUCLEI AT HIGH ENERGIES

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The integral cross sections of nuclear and Coulomb interactions of the ${}^3_{\Lambda}H$ and ${}^6_{\Lambda}He$ hypernuclei with different atomic nuclei in the framework of two-cluster (${}^3_{\Lambda}H \rightarrow \Lambda + {}^2H$, ${}^6_{\Lambda}He \rightarrow n + {}^5_{\Lambda}He$) and three-cluster (${}^3_{\Lambda}H \rightarrow \Lambda + n + p$, ${}^6_{\Lambda}He \rightarrow n + \Lambda + {}^4He$) models are calculated and investigated depending on hypernuclear structure, nuclear edge diffuseness of target nucleus and multiple scattering.