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Effect of Conversion Process $(\Xi^-P \rightarrow \Lambda\Lambda)$ in Ξ^- -Hypernuclei

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Abstract: Effect of conversion process ($\Xi^-P\to\Lambda\Lambda$) on Ξ^- -hypernucleus is studied for $^{12}\text{Be}_{\Xi^-}$. It is found that the conversion process has a certain extent effect on properties of low-lying states of the Ξ^- -hypernuclei.

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