

Hyperon pair production at BESIII

Hyperons provide a unique avenue to study the strong interaction in baryon structure.

With the unique data sets obtained by the BESIII collaboration, the pair production cross sections for Λ , Σ , Ξ , and Λ_c are studied from threshold, where some abnormal threshold effects are observed. Using the self-analyzing weak decays of the Λ and Λ_c , the relative phase between the electric and magnetic form factors is measured. In this presentation the latest results at BESIII are discussed.

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