

Recent results of Baryon electromagnetic form factors at BESIII

Monday, 15 August 2022 22:35 (30 minutes)

At BESIII, the electromagnetic form factors (EMFFs) and the pair production cross sections of various baryons have been studied. The proton EMFF ratio $|G_E/G_M|$ is determined precisely and line-shape of $|G_E|$ is obtained for the first time. The recent results of neutron EMFFs at BESIII show great improvement comparing with previous experiments. Cross sections of various baryon pairs (Λ , Σ , Ξ , Λ_c) are studied from their thresholds. Anomalous enhancement behavior on the Lambda and Lambdac pair are observed.

Category

talk

Primary author: IRSHAD, Muzaffar (University of Science and Technology of China)

Presenter: IRSHAD, Muzaffar (University of Science and Technology of China)

Session Classification: Session 4