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New results on low-energy exclusive hadronic final states from BaBar

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Content

The BABAR Collaboration has an extensive program studying hadronic cross sections in low-energy e+e- collisions, accessible through the selection of events with initial-state photon radiation. The measurements allow significant improvements in the precision of the standard model prediction for the muon anomalous magnetic moment. Recent results on the pi+pi-pi0pi0 final state and on KKpipi final states are presented. The pipipipi channel is one of the most important for the muon g-2 calculation, while our measurements of the KKpipi channels obviate the need to rely on isospin relations and greatly improve the results in these channels.

Session

Hadronic final states in high pt interactions

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