

Low-energy hadronic cross sections measurements at BaBar, and implication for the $g - 2$ of the muon

Friday, 3 June 2016 17:40 (0:20)

Collaboration

BaBar

Abstract content

The BABAR Collaboration has an intensive program studying hadronic cross sections at low-energy e^+e^- annihilations, accessible via initial-state radiation. These measurements allow significant improvements in the precision of the predicted value of the muon anomalous magnetic moment. We report here the results of recent studies on a number of processes, with pions and kaons in the final state, obtained with the full BaBar data set

Primary author(s) : LUKIN, Peter (Budker Institute of Nuclear Physics and Novosibirsk State University)

Presenter(s) : LUKIN, Peter (Budker Institute of Nuclear Physics and Novosibirsk State University)

Session Classification : Parallel Session C4