

Measurement of Hadronic Cross Sections at BESIII

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The uncertainties of the Standard Model prediction of the anomalous magnetic moment of the muon are currently completely dominated by hadronic contributions. The largest contribution is due to the hadronic vacuum polarization. Hadronic cross sections measured at e^+e^- colliders can be exploited as experimental input to improve the calculations, making use of the optical theorem. At the BESIII experiment in Beijing these cross sections are determined using different methods. At center-of-mass energies above 2 GeV, exclusive and inclusive cross sections can be measured in an energy scan. Additionally, cross sections can be determined starting from the $\pi^+\pi^-$ mass threshold using the method of Initial State Radiation. This presentation will give an overview of the recent results and the current status of the analyses.

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