

# Measuring the inclusive cross section of $e^+e^-$ annihilation into hadrons at the KEDR experiment

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We present the results on the inclusive cross section of  $e^+e^-$  single photon annihilation into hadrons in the energy range from 1.84 to 3.72 GeV obtained at the KEDR experiment, which include values of the R measurement in 22 points and of leptonic widths of  $J/\psi$  and  $\psi(2S)$  mesons. The results are important for determination of the muon anomalous magnetic moment, the fine structure constant at the  $Z^0$  peak, the strong coupling constant as function of energy, and the heavy-quark masses.

## What is your topic?

Anomalous Magnetic Moment of the muon

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