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e+e- hadron production cross section at BELLE

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A number of production cross sections for electron-positron annihilation to hadronic final states have been measured using the Belle data set. This is possible given that the Belle detector is a general purpose detector with a large solid angle coverage. The cross section measurements predominantly fall into two categories: cross sections at, or near, the machine operating energy, and cross sections over a range of energy bins produced via initial-state radiation. Cross section measurements can be used in the studying of hadron spectroscopy, as well as providing checks for the development of Quantum Chromodynamic models. The Belle data still provides the opportunity for the systematic measurement of low-energy, below 3 GeV, cross sections. These low-energy cross sections can be used in the calculation of the leading-order Hadronic Vacuum Polarization contributions to the muon anomalous magnetic moment and the running of alpha.

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