

02 R MEASUREMENTS AND IMPLICATIONS FOR THEORY

Study of the $e^+ e^-$ to hadrons via ISR at BABAR

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摘要 Experimental data from the PEP-II B-factory at 10.6 GeV center-of-mass (c.m.) energy, obtained via initial-state radiation (ISR) with the BABAR detector, are presented. The cross sections for many hadronic processes have been measured from the production threshold to 4–5 GeV of the e^+e^- c.m. energy. The obtained data allow to study a number of intermediate states and determine the parameters of known resonances and their branching fractions. The exclusive cross section for some number of hadronic sub-processes are presented.

关键词 [ISR, \$e^+e^-\$, hadrons, BABAR](#)

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