

Abstract Submitted
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The total hadronic cross section in e^+e^- annihilation at 7.0-10.3 GeV SURIK MEHRABYAN, University of Pittsburgh, CLEO COLLABORATION
— We present preliminary measurements of the e^+e^- annihilation hadronic cross section using the CLEO detector at the Cornell Electron Storage Ring. High statistics data sets at total c.m. energies 10.3, 8.4, 7.4, and 7.0 GeV have been used in our analysis. Our results have been compared with previous measurements in the same energy range. When divided by the bare $e^+e^- \rightarrow \mu^+\mu^-$ total cross section, $R(s)$ is obtained. This has importance in dispersion relation calculations of the hadronic corrections to various fundamental quantities.

David Asner
University of Pittsburgh

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