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Proton-antiproton pair production in two-photon collisions at LEP

L3 Collaboration

Abstract

Proton antiproton pair production in two-photon collisions is studied with the L3 detector at LEP. The analysis is based on data collected at e^+e^- centre-of-mass energies from 183 GeV to 209 GeV, corresponding to an integrated luminosity of 610 pb^{-1}. The cross section as a function of the $\gamma\gamma$ centre-of-mass energy is measured and results are compared to those of other experiments and to predictions of the quark-diquark model. The results are preliminary.

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