INTERNATIONAL CONFERENCE ON HIGH ENERGY PHYSICS
AMSTERDAM 2002

Abstract ID=ABS441
Electroweak physics
Beyond the Standard Model (experiment and theory)
Experiment: L3 Collaboration
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Search for Anomalous $ZZ\gamma$ and $Z\gamma\gamma$ Couplings using the process $e^+e^- \to Z\gamma$ at LEP

L3 Collaboration

Abstract

Anomalous $ZZ\gamma$ and $Z\gamma\gamma$ couplings are studied in the process $e^+e^- \to Z\gamma$ using the data sample collected by the L3 detector at LEP at centre-of-mass energies up to 208 GeV. The cross section is found to be in agreement with the Standard Model expectations and limits on the value of these couplings are derived.

Version 0
Date 2002-04-30 : 13:04:40'