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Heavy quark mesons and baryons (incl. lattice calculations)

Hadron spectroscopy and exotics (experiment and theory)

Experiment: L3 Collaboration

Contact Person: Juan Alcaraz

Institute: CERN

Email: Juan.Alcaraz@cern.ch

# Search for $\eta_b$ in Two-Photon Collisions with the L3 Detector at LEP

L3 Collaboration

## Abstract

A search for the pseudoscalar meson  $\eta_b$  is performed in two-photon interactions at LEP2. The data sample corresponds to a total integrated luminosity of  $610 \text{ pb}^{-1}$  collected at centre-of-mass energies from 183 GeV to 209 GeV. Preliminary results of the analysis in the  $\eta_b$  mass region are presented. Several candidate events are found in different final states. These results are preliminary.

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