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Electroweak physics
Beyond the Standard Model (experiment and theory)
Experiment: L3 Collaboration
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Study of the $e^+e^- \to b\bar{b}$ process at $\sqrt{s} = 192 - 208$ GeV

L3 Collaboration

Abstract

A preliminary study of the $e^+e^- \to b\bar{b}$ process at centre-of-mass energies up to 208 GeV is presented. High energy events, with an effective centre-of-mass energy $\sqrt{s'/s} > 0.85$, are used. Decay-tag methods and semileptonic decays of b quarks are used to select bbbar events and to study their production characteristics above the Z pole.

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