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Electroweak physics
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Bose-Einstein Correlations in $e^+e^- \to W^+W^-$ Events at $\sqrt{s} = 189 - 208$ GeV

L3 Collaboration

Abstract

We investigate Bose-Einstein correlations in W-pair production at LEP. In particular, attention is paid to the possible existence of these correlations between particles originating from different W:s. The data sample corresponds to a luminosity of 627 pb^{-1} collected by the L3 detector during the years 1998-2000. No evidence for inter-W Bose-Einstein correlations is found. This result is preliminary.

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