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| Turkish Journal | A Method for Identifying Gluon Jets with High Purity in 3-jet Hadronic Z Decays |
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| Keywords Authors | Abstract: A method for identifying gluon jets with very high purity is presented and the performance evaluated. Quark and gluon jets from Monte Carlo simulated Hadronic Z decays are identified by energy ordered jets and applying heavy flavour tagging. It is shown that quark and gluon jets can be identified with a purity of about 98%. Key Words: Three-Jet; Gluon purity; B-tag; Z Boson |
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