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Experimental Results on Jets in Heavy Ion Collisions

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Content

Jets in hard parton scatterings in relativistic heavy ion collisions are important probes of the quark-gluon plasma (QGP), a deconfined state of quarks and gluons. Final-state jets are created by the fragmentation of outgoing partons that interact strongly with the produced medium and lose energy. This phenomenon “jet-quenching” was studied using various experimental observables such as inclusive high transverse momentum charged hadrons, jet spectra, and jet substructures. In this talk, recent experimental results from jets are summarized and the implication of those results are discussed.

Session

Hadronic final states in high p_T interactions

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Session Classification : Hadronic final states in high p_T interactions (I)