The HERA-B Hardware Trigger in 1999

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Abstract

HERA-B is located at DESY, Germany. The HERA-B hardware trigger aims to find J/ψ's within 12 μs. The trigger performs fast online track reconstruction, determines particle momenta, and calculates the invariant mass of track pairs. An overview of the hardware trigger and a review of the status as of fall 1999 is given.

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