

Abstract Submitted
for the TSF06 Meeting of
The American Physical Society

Studies of the CMS Hadron Calorimeter Response to Low Energy Electron and Pion Beams YOUN ROH, NURAL AKCHURIN, SUNG-WON LEE, Texas Tech University, CMS COLLABORATION — In this talk we present the response of a prototype CMS hadron calorimeter module to low energy charged particle beams of pions, muons and electrons with momenta down to 2 GeV/c. The data were taken at the H2 beam-lines at CERN in 2006 summer. The effects of electromagnetic calorimeter on the linearity and energy resolution of the combined calorimeter system to hadrons is also studied.

Youn Roh
Texas Tech University

Date submitted: 08 Sep 2006

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