Study of the CMS Combined Calorimeter Response to Low Energy Electron and Pion Beams and Pion Beams

NICHOLAS MURRAY, SUNG-WON LEE, Texas Tech University — We present the combined response of the CMS calorimeters to low energy charged particle beams of electrons and pions with momenta down to 2 GeV/c. The data were taken at the H2 beamline at CERN in 2006. The effects of electromagnetic calorimeter on the linearity of the combined calorimeter systems is also studied.