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Comparison of 2006 CMS HCAL Test Beam Data and GEANT4 Simulation CHIYOUNG JEONG, SUNG-WON LEE, NURAL AKCHURIN, Texas Tech University, CMS COLLABORATION — The 2006 test beam data of the combined CMS electromagnetic and hadron calorimeter modules is compared with GEANT4 simulation. Detailed comparison have been carried on linearity, e/h ratio, energy resolution and longitudinal shower profiles between the test beam data with electron and pion beams at different energies and GEANT4 simulation of the associated test beam geometry setup.

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