

SIMULATION OF 10–1000 TEV CALORIMETER INTERACTIONS

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A Monte Carlo simulation for the interaction of cosmic ray nuclei in an emulsion chamber is described. The simulation uses the **DTUNUC** event generator to handle the high-energy interactions, and **GEANT** to follow lower-energy products. The results of this simulation for 10–1000 TeV cosmic ray nuclei are compared to earlier results computed by the Multi-Chain Model used for JACEE experiments.