ELECTRON AND MUON LDF IN VERTICAL AND INCLINED EAS

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Experimental data of Yakutsk array on electron and muon lateral distributions demonstrate that the spatial EAS structure changes at energies above 3×10^{18} eV. The analysis of these data in the framework of the QGSJET model is presented. A scaling property of electron lateral distributions in electron–photon cascades is used to calculate EAS charged particle distributions at large distances.