

A problem of classification for EAS events at superhigh energy

N. N. Efremov

Institute of Cosmophysical Research and Aeronomy, 31 Lenin Ave., 677891 Yakutsk, Russia

Abstract. A question on the influence of the classification procedure of showers on a form of energy-dependence of EAS characteristics is considered. As a result of the fulfilled simulation, it is concluded about the ambiguity in the selection of events by the parameter $\rho_s(600)$, that is associated with the hitherto predetermined effect of forced linearization in en-

ergy scale. The behaviour of the cosmic ray muon component taking account of the above effect is analyzed.

Correspondence to: N. N. Efremov
(n.n.efremov@ikfia.ysn.ru)