

The latest results of cosmic ray experiments

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Cosmic rays are high-energy particles from space, which produce extensive air showers in the atmosphere. The mass composition and energy spectrum of cosmic rays are very important for searching of their sources and understanding the acceleration mechanisms. In order to obtain mass separation, one has to compare experimentally measured extensive air showers parameters to model predictions for different primaries. The energy region from 10^{17} to 10^{18} eV, that is called transition region, is of great interest in modern astrophysics. The latest results of cosmic ray experiments are presented in the report.