

Summary of low energy ($E < 1$ EeV) spectrum and composition

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I will present the more recent results obtained in the study of the cosmic ray spectrum and composition from 0.1 PeV to 1 EeV. Recent measurements of the primary spectrum show that, even above the knee, it cannot be described by a single power law. The measured structures have been detected by different experiments and the results agree inside the systematic error due to the energy calibration. The cosmic ray chemical composition is studied using different experimental techniques and following different analysis approaches. I will try to discuss the qualities and the limits of these different approaches.

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