

Abstract number: S4-481

4. High energy cosmic rays (HE-CR I)

Recent highlights from ARGO-YBJ

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The ARGO-YBJ experiment has been in stable data taking for 5 years at the YangBaJing Cosmic Ray Observatory (Tibet, P.R. China, 4300 m a.s.l., 606 g/cm²). With a duty-cycle greater than 86% the detector collected about 5×10^{11} events in a wide energy range, from few hundreds GeV up to the PeV. A number of open problems in cosmic ray physics has been faced exploiting different analyses. In this talk we summarize the latest results in gamma-ray astronomy and in cosmic ray physics.