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

Energy determination with the HiSCORE-9 array

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HiSCORE is a project of non-imaging wide-angle Cherenkov array for the detection of extensive air showers induced by ultrahigh energy gamma-rays above 10 TeV and cosmic ray studies above 100 TeV. Last autumn a 9-station engineering array has been deployed in Tunka valley. We present the first results on the amplitude and energy reconstruction of the data and discuss the cross-calibration with the Tunka-133 array.