

ENERGY ESTIMATION OF AGASA EVENTS

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We have observed ~ 10 air showers above 10^{20} eV with Akeno Giant Air Shower Array (AGASA). It is important to know their energy determination error in discussing the origin of highest energy cosmic rays based on existence/absence of GZK cutoff, spectral shape of super GZK events and so on. In this paper, energy estimation method of AGASA events is described and the error in the energy estimation at energies greater than 10^{20} eV will be discussed by comparing with simulation results.