

SIMULATION AND ANALYSIS OF WIDE ANGLE CERENKOV TELESCOPE DATA

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WACT is an array of wide angle Cherenkov telescopes built around the Milagro Gamma Ray Observatory. WACT will record information about the Cherenkov light distribution of cosmic ray showers that trigger Milagro, providing a more complete picture of these showers including the nature of the primary particle. This experiment has been simulated in detail, the results of which will be presented. Methods to analyze data taken from the telescopes and Milagro will also be presented.