

A METHOD TO CORRECT HILLAS PARAMETERS OF IMAGING CHERENKOV TELESCOPE DATA TAKEN AT DIFFERENT BACKGROUND LIGHT LEVELS

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During observations of gamma showers with Cherenkov telescopes the background light might change the HILLAS parameters due to changing tail cuts caused by this variable noise (in the most extreme case due to moon light). A method will be presented to correct image parameters for variable noise. Results of this improved method for the selection of γ s and rejection of background will be presented.