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Cherenkov pulse shape observation at TUNKA array

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Abstract. To study the longitudinal development of EAS TUNKA array was supplied with Cherenkov pulse shape detectors starting from 1999. Each detector consists of 20 cm diameter PMT Thorn-EMI D668 with Winston cone. Pulse shape is recorded by FLASH ADC with 2 ns step. The preliminary results of the new data analysis are presented.

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