## Zenith angle dependence of pressure effect in GRAPES-3 muon telescope

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A large area (560 m<sup>2</sup>) muon telescope in the GRAPES-3 experiment at Ooty, India records muon intensity at high cutoff rigidities (15–24 GV) along 169 independent directions spanning a field of view of 2.3 sr. The threshold energy of the recorded muons is  $sec(\theta)$  GeV along a direction with a zenith angle ( $\theta$ ) and with the average angular accuracy of ~4°. The directional capabilities of the muon telescope are exploited for studying the effect of atmospheric pressure on the muon flux as a function of  $\theta$ . The analysis details and results will be presented.

Keywords

Collaboration

## other Collaboration

GRAPES-3

## Subcategory

Experimental Results

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