

The Astroparticle Physics Conference

34th International Cosmic Ray Conference July 30 - August 6, 2015 The Hague, The Netherlands

Contribution ID: 827

Type: Poster contribution

Seasonal thermal neutron flux variations at high altitude

Saturday 1 August 2015 15:30 (1 hour)

The PRISMA project developed for cosmic ray study above 30 TeV is now realized as 2 prototypes at different altitudes. Special en-detectors are used for both electron and neutron components recording. An array of 4 such detectors is running in Yang Ba Jing (Tibet, China) at altitude 4300 m a. s. l. since January 2013. To be sure that thermal neutron background is stable we also study its variations. Here we present the results of this study, namely seasonal thermal neutron flux variations at high altitude.

Collaboration

- not specified -

Registration number following "ICRC2015-I/"

1185

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Session Classification: Poster 2 CR

Track Classification: CR-EX