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About gamma-families fraction produced by primary protons.

Abstract content

Primary Cosmic Ray (PCR) Mass Composition analysis performed on the basis of Pamir Collaboration X-Ray Emulsion Chambers (XREC) data. A number of selection criteria of gamma - families initiated by primary protons are considered by Tashkent group. It is shown that the fraction of registered gamma-families, originating from primary PA-interaction, consist of $\sim 70-80\%$ at the energies $E_{est} \sim 10$ PeV and essentially decrease up to value $30-40\%$ above ~ 70 PeV.

If this papers is presented for a collaboration, please specify the collaboration

Summary

Reference

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