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ELLIPTIC FLOW in nuclear interaction of astroparticle at energy 10^{16} eV.

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107 cascades, created by secondary particles of astroparticle interaction at 10^{16} eV, were detected in the stratospheric emulsion chamber. Their azimuth distribution reveals a distinct anisotropy. Estimation of the elliptic flow coefficient v_2 gives a value 0.35 ± 0.02 . The distribution of cascade $p(t)$ is also azimuth anisotropic and its maximal value coincides with the direction of the impact parameter.

Collaboration

– not specified –

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