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FANSY: a code for simulations of coplanar particle generation in hadron interactions

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Abstract content

The phenomenon of alignment of most energetic structures of gamma-ray-hadron families found in mountain and stratospheric X-ray - emulsion chamber experiments cannot be explained without a coplanar particle generation with large transverse momenta in hadron interactions at superhigh energies. A phenomenological model, which makes it possible to simulate such interactions, is presented. Different versions of this model are considered, their features are described and compared with those of models applied by the CORSIKA package.

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

Summary

Reference

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