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Direct muons and EAS

Abstract content

Direct cosmic ray muon fluxes (muons produced in the atmosphere in j/ψ -meson decays) are calculated on the base of accelerator data on j/ψ production in a nucleon-nucleus interaction and of their extrapolation to higher energies. It is shown that bremsstrahlung photons from these muons are to be taken into account when EAS data at very high energies are interpreted (for example, when a possibility to use inclined EAS for searching cosmic neutrinos is considered).

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

Summary

Reference

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