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Calculation of the Underground Muon Intensity Crouch Curve from a Parameterization

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Abstract content

Utilizing the Gaisser parameterization of the differential vertical muon intensity and propagating the spectrum underground according to the statistical ionization and radiative muon energy losses, it is possible to calculate the underground muon intensity Crouch curve. In addition it is feasible to refine the spectral index of the Gaisser parameterization by minimizing the deviation from the Crouch curve.

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

Summary

Reference

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