

## THE FLUX OF ATMOSPHERIC MUONS

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We present the results of a 3D calculation of the flux of atmospheric muons using the new improved version of the hadronic interaction code TARGET. The calculation accounts for the muon deflection in the geomagnetic field. We show the development of the muon flux in the atmosphere at high geomagnetic latitude, as well as the flux of muons at the ground at different geomagnetic latitudes.