# FLUX OF UPWARD HIGH-ENERGY MUONS AT MULTI-COMPONENT PRIMARY ENERGY SPECTRUM

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The atmospheric neutrino-induced upward going muon fluxes are calculated by using the multi-component primary energy spectrum, CORSIKA EAS simulation code for the reproduction of the atmospheric neutrino spectra and improved parton model for charged-current cross sections. The results are obtained at $10^2 - 10^6$ GeV muon energy range and $0 - 89^0$ zenith angular range.