

SEARCH FOR HEAVY PARTICLES WITH $M > 100\text{GeV}$ IN THE COSMIC RAY FLUX

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The results of the analysis of the experimental data on searching for heavy particles in the cosmic ray flux at mountain altitudes at energies $1 - 30\text{TeV}$ are presented. An event interpreted as a neutral particle with the $M \gtrsim 700\text{GeV}$ and lifetime $\sim 10^{-5}\text{s}$ was observed. The estimated intensity of such events amounts $\sim 10^{-12}\text{cm}^{-2}\text{s}^{-1}\text{ster}^{-1}$.