

RESIDUAL COSMIC RAY MODULATION

G.F. Krymsky, P.A. Krivoshapkin
Institute of Cosmophysical Research and Aeronomy

The residual cosmic ray modulation caused by the subsonic solar wind behind a front of the standing shock wave has been considered. Under the assumption that the wind is turbulent and the energy is uniformly distributed, we have estimated the residual modulation depth. In this case, the Bome's value for a diffusion coefficient has been taken. It is believed that the residual modulation disappeared in the period of the Maunder minimum, and a value of the corresponding increase of radiocarbon and ^{10}Be is found. The comparison with observation data shows the satisfactory agreement.