



Pick-up and low energy ACR ions in a time-dependent heliosphere

A. Czechowski (1), M. Hilchenbach (2) and K. Scherer (3)

(1) Polish Academy of Sciences, Space Research Centre, 00716 Warsaw, Poland

(2) Max-Planck-Institut Max-Planck-Institut fuer Sonnensystemforschung, 37191 Katlenburg-Lindau, Germany

(3) Institut für Astrophysik und extraterrestrische Forschung Universität
Bonn Auf dem Hügel 71, 53121 Bonn, Germany

We calculate the distributions of the low-energy (few to 100 keV/n) ions in the outer heliosphere, using the time-dependent model of the heliosphere of Scherer and Fahr. We also calculate the fluxes of energetic neutral atoms from charge-exchange of these ions.