

2.1.5. THE TRANSFER OF ADDITIONAL INFORMATION ON ELECTRONIC SUPPORT AND DATABASE VALIDATION

Among the various geophysical surveys previously conducted in the study area mentions should be made to the EM research performed by Dr. Dumitru Stanica and his co-authors.

The following figure some tentative models for the deep structure of East Carpathians along two lines of magneto-telluric soundings (MTS) as inferred from the interpretation of the MTS data (according to Stanica et al., 1986)

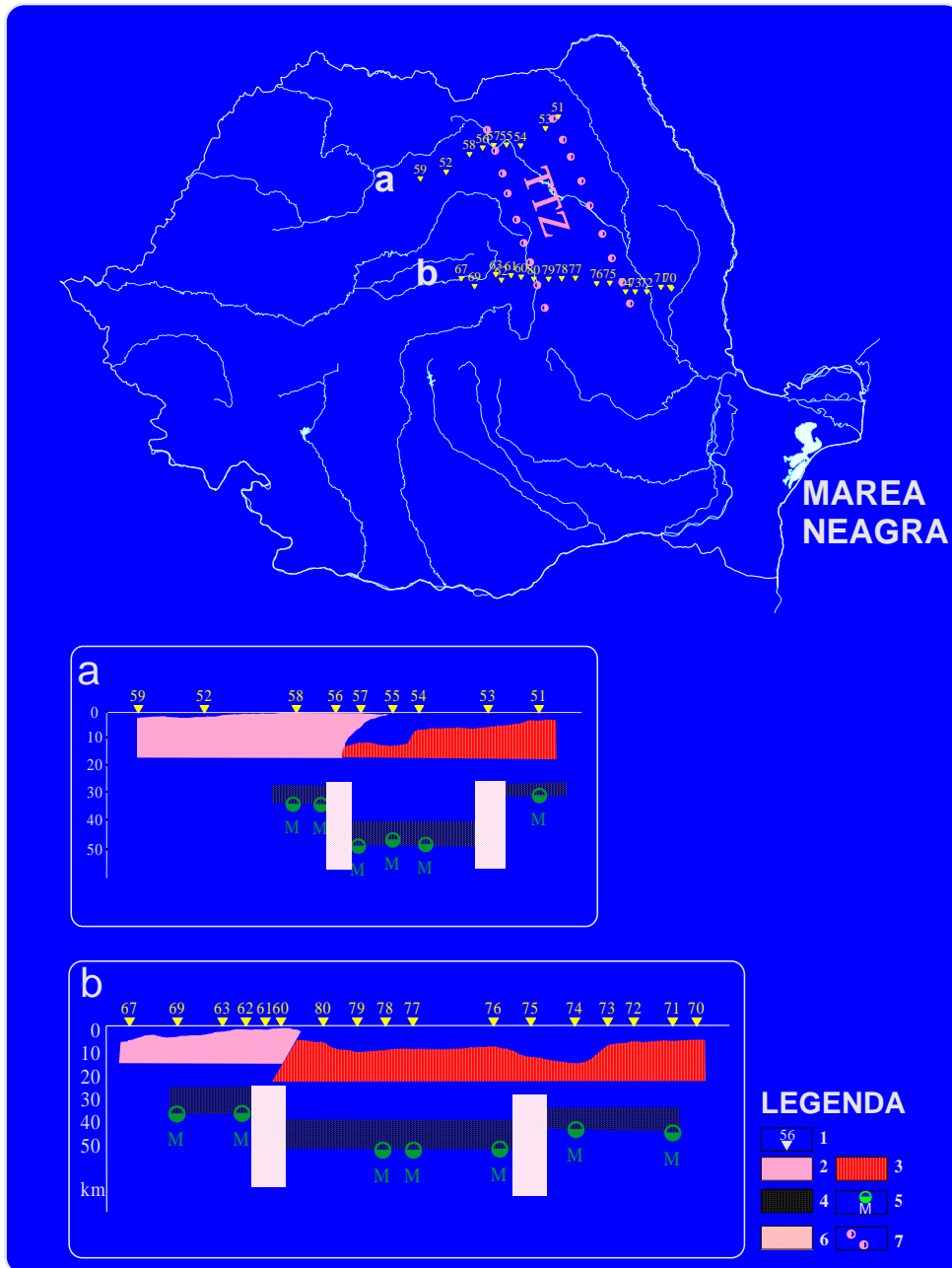


FIG. 8 - DEEP STRUCTURE OF EAST CARPATHIANS AS INFERRED FROM MTS DATA INTERPRETATION (raw MTS data according to Stanica et al, 1986)

1, magnetotelluric sounding location; 2, crystalline basement; 3, upper crust; 4, lower crust; 5, trans-crustal discontinuities; 6, Moho; 7, the assumed track of the Tornquist-Teyssere Zone (TTZ)