## Structure of total pressure in the magnetotail

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The structure of the magnetosphere is determined by dynamic pressure of the solar wind. We study the structure of total pressure (magnetic pressure + plasma pressure) in the magnetotail. We use the data obtained with the spacecraft Geotail, Wind, ACE in 1995-2003. We have found the dawn-dusk asymmetry in the effect of the solar wind dynamic pressure. We study response to magnetosphere when dynamic pressure changes abruptly. We also study the effect of IMF on the total pressure in the magnetotail.