

Geoneutrinos and Earth heat flux

Wednesday, 4 October 2017 17:00 (15)

Non direct observations demonstrate that Earth heat flux could be sufficiently larger than one measured by using of the temperature gradient method. Analysis of heat transfer channels also ensures that heat flux could be higher. At the moment data on ^{238}U and ^{232}Th antineutrino fluxes from KamLAND and Borexino measurements do not contradict the BSE model. Accurate measurement of all geoneutrino fluxes, including ^{40}K antineutrino one, can clarify the situation.

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Session Classification : Neutrino and Astroparticle Physics - 3

Track Classification : Neutrino and astroparticle physics