

La-140 and Ba-140 Background from IMS Particles Stations

This work focus on detections of La-140 and Ba-140 from particles stations of International Monitoring Stations IMS. These two isotopes are part of relevant radionuclides of CTBT and are sometimes detected with abnormal concentrations. The mapping of this background and the analysis of their time series level is a helpful tool than can be used to characterize the activity background of both parent-daughter radionuclides in the world.

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Track Classification: 1. The Earth as a complex system