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Radioactivity characteristics of atmospheric aerosol samples in Guangzhou

Aerosol radioactivity analysis plays an important role in environmental radiation monitoring. The set up of CNP22 in Guangzhou, China allows station operators to log in a continuous radioactivity data and find radioactivity characteristics. The concentrations of Pb-210 and Be-7 give seasonal variation and show a maximum in winter times. A relationship between Pb-210, Be-7 and PM10, PM2.5 were analyzed.

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