

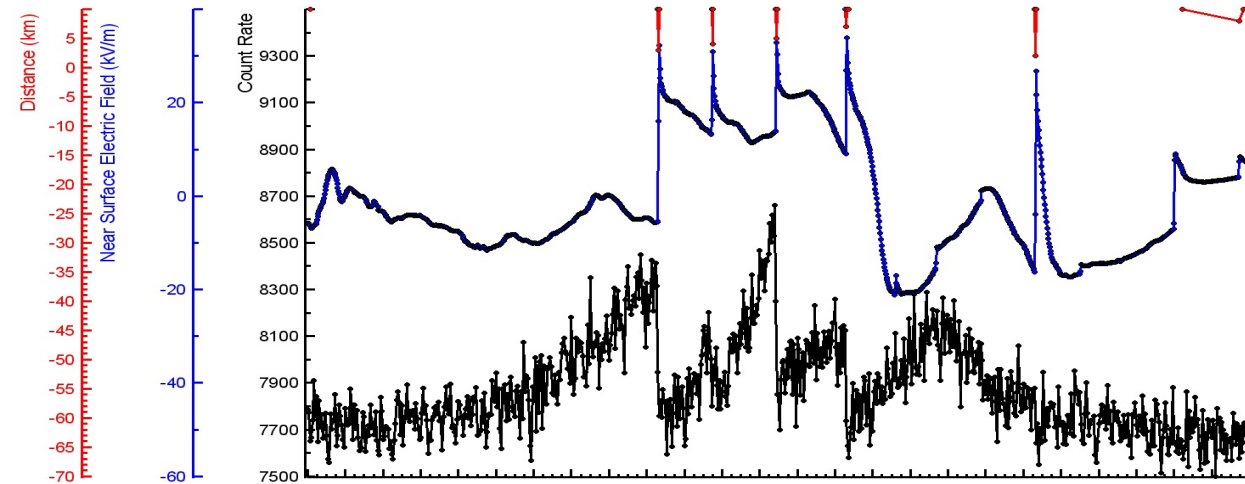
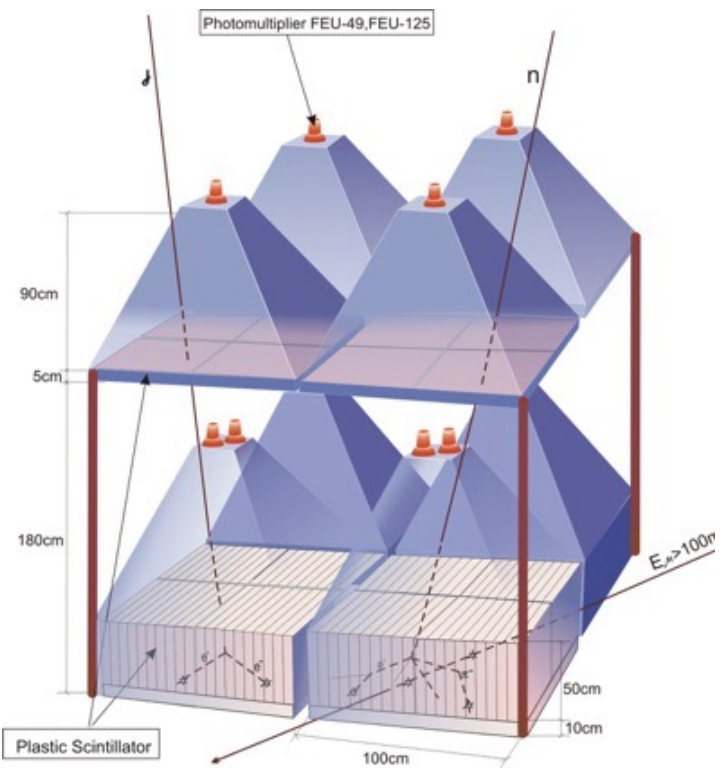
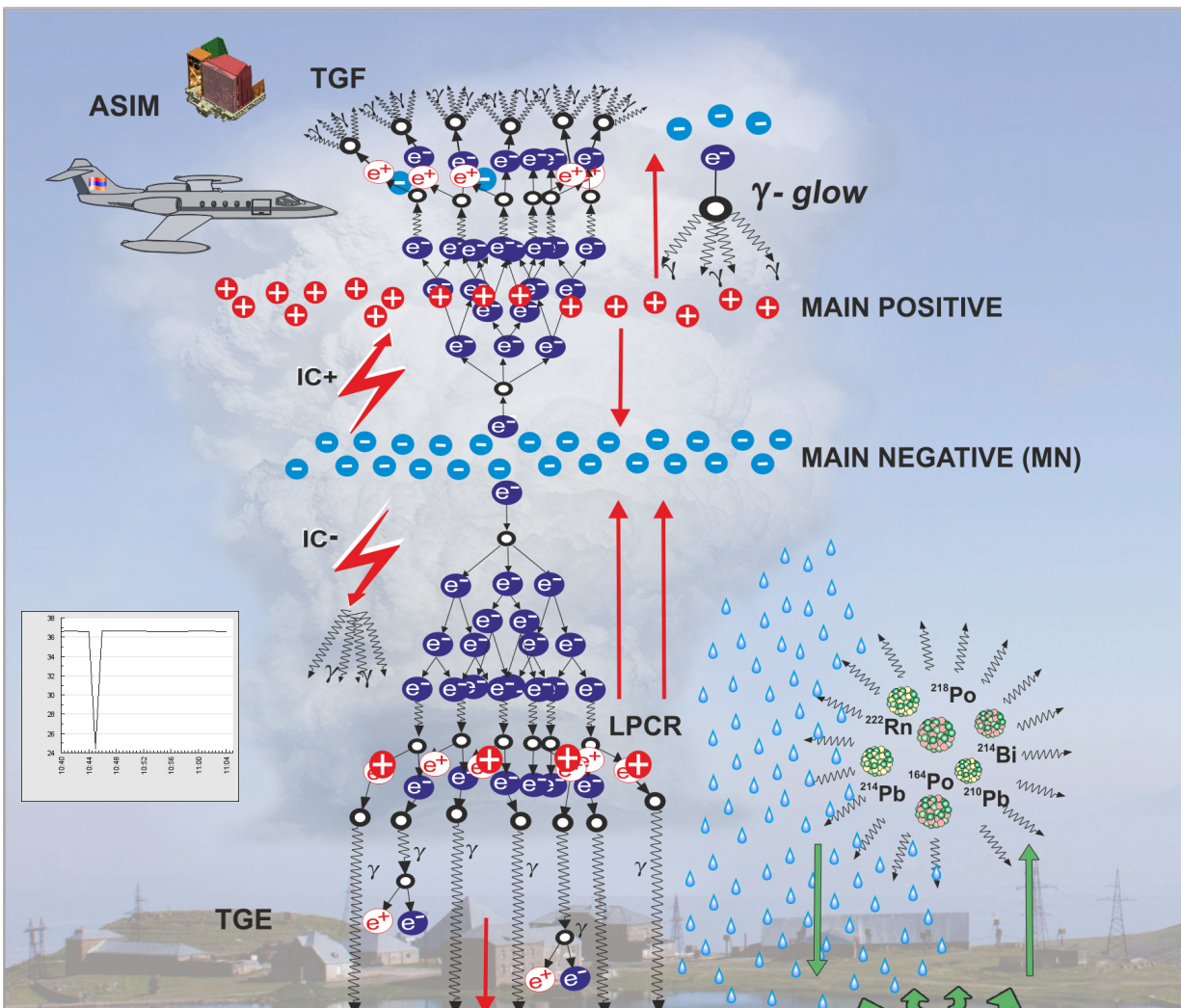


# The progress of High-Energy Physics in Atmosphere achieved with particle physics and nuclear spectroscopy methods

Ashot Chilingarian for ASEC Collaboration  
Yerevan Physics Institute, Armenia

**Aragats Space Environmental Center (ASEC)–  
continuous monitoring of various particle fluxes,  
fields, meteorological conditions, radio emissions,  
lightning flashes and skies (more than 500 channels)**





# The differential energy spectra of two TGE events of 2020 measured by ASNT spectrometer and their comparisons with CORSIKA simulation.

