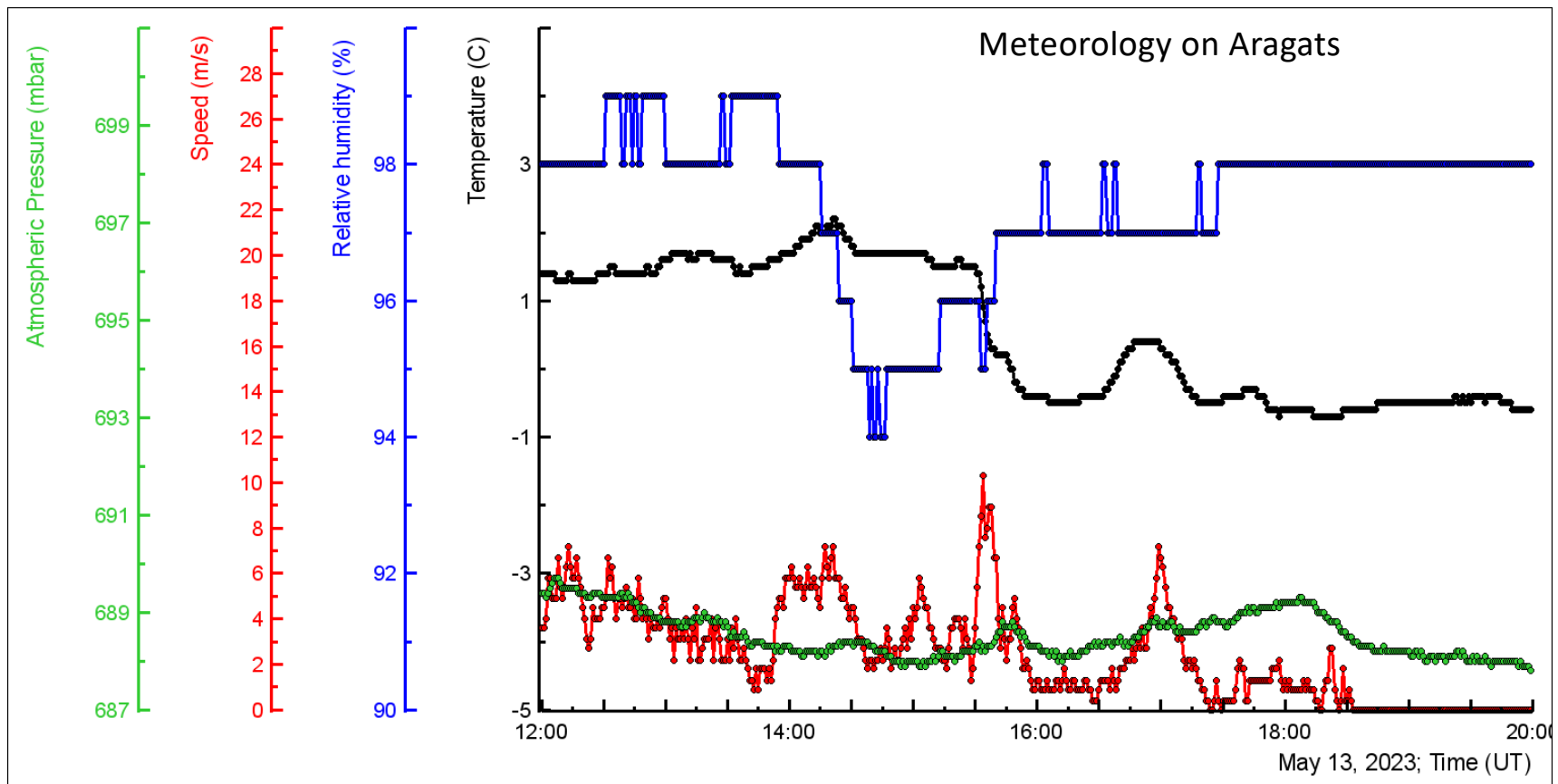
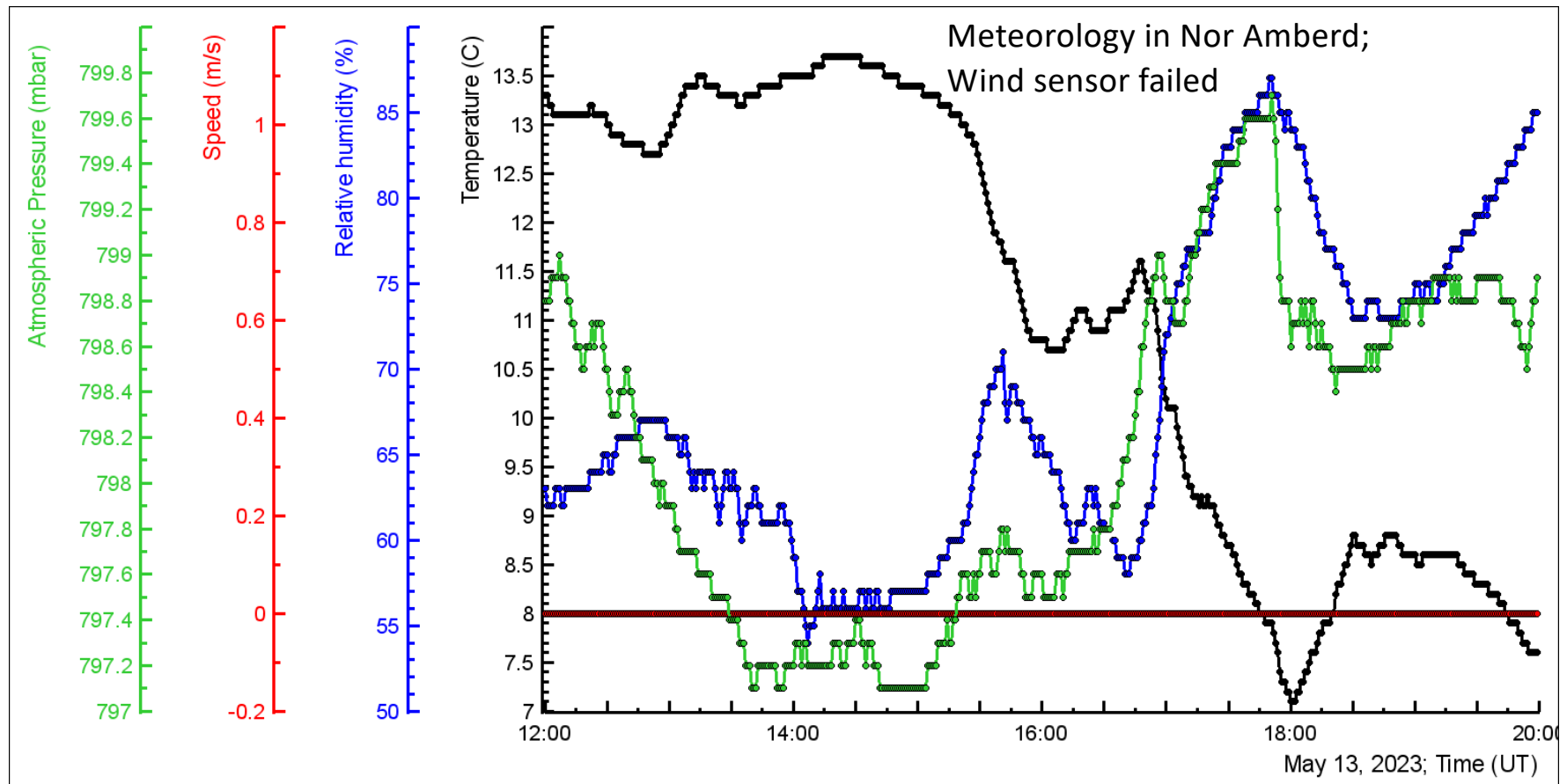
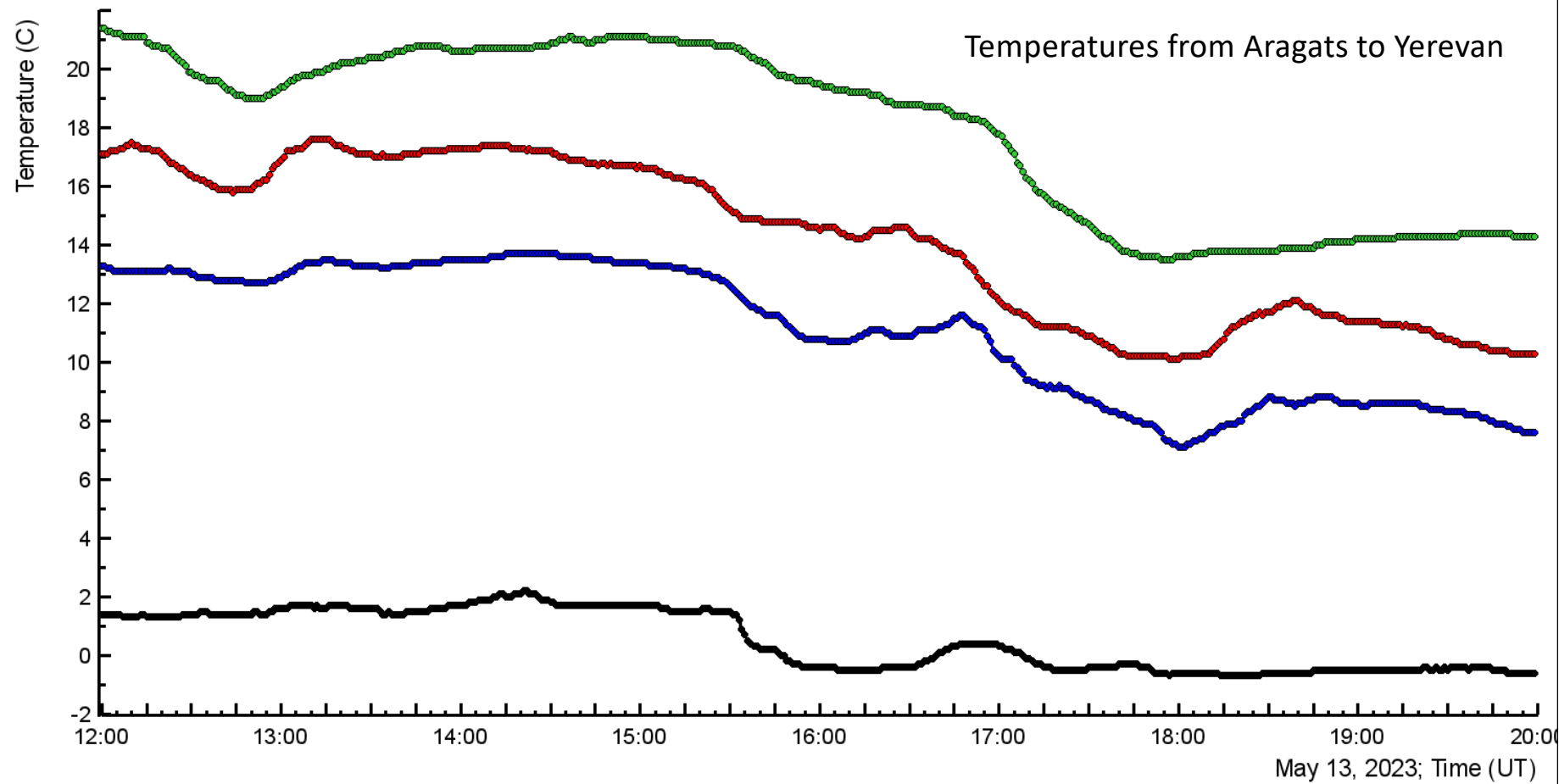


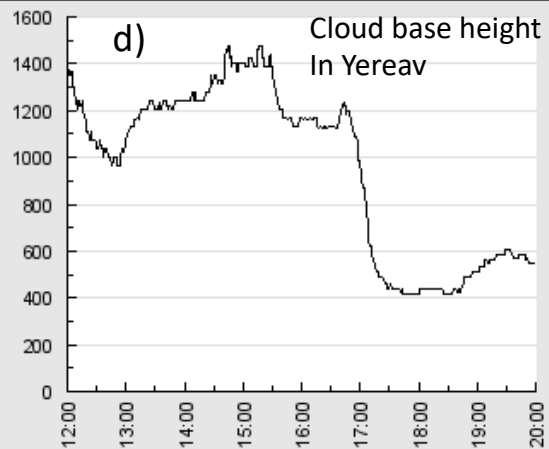
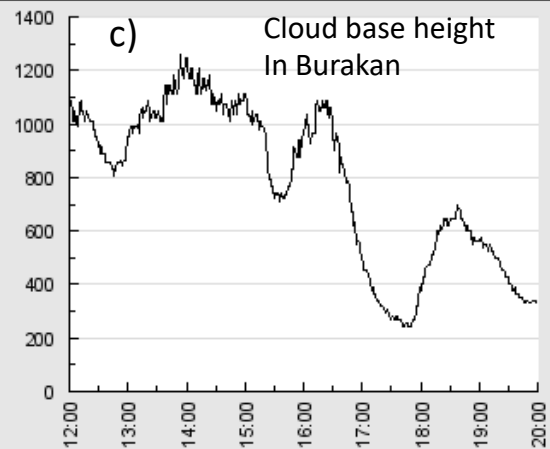
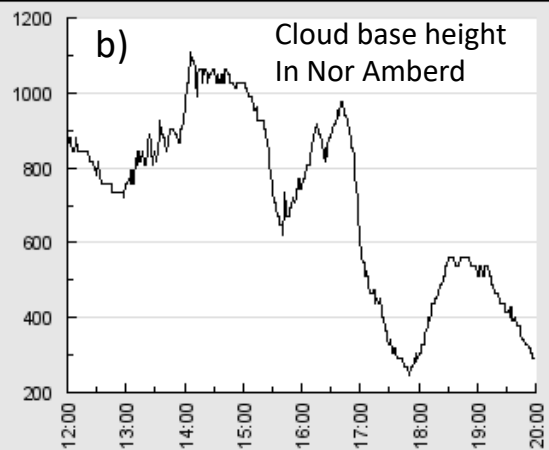
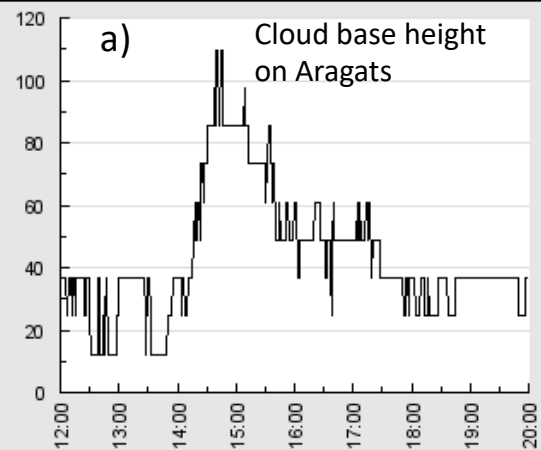
Environmental science is vital!

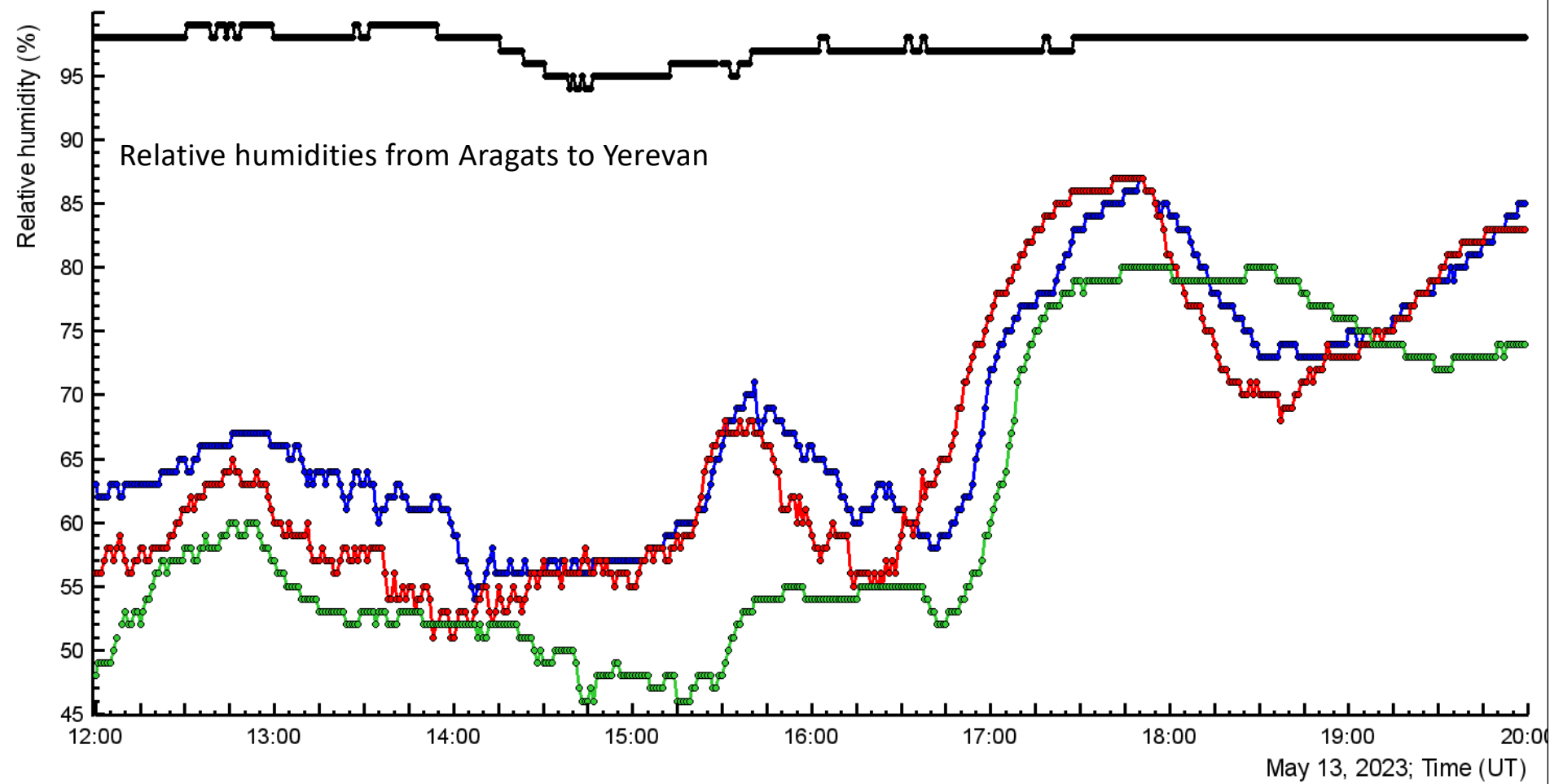
- We have monitored nearly 40 weather parameters at 4 destinations for over 10 years and lightning occurrences in Nor Amberd and Aragats. In this presentation, we show some measurements from yesterday's violent storm. Usually, we analyze high-energy phenomena: electron and photon enhanced fluxes, and now some weather parameters are added.
- Interestingly is a huge enhancement of ORTEC coun rates over 4 hours; we can investigate in detail the Radon progeny gamma radiation and positron annihilation processes.
- The cloud base height histograms demonstrate why TGEs are on Aragats and not in Yerevan!



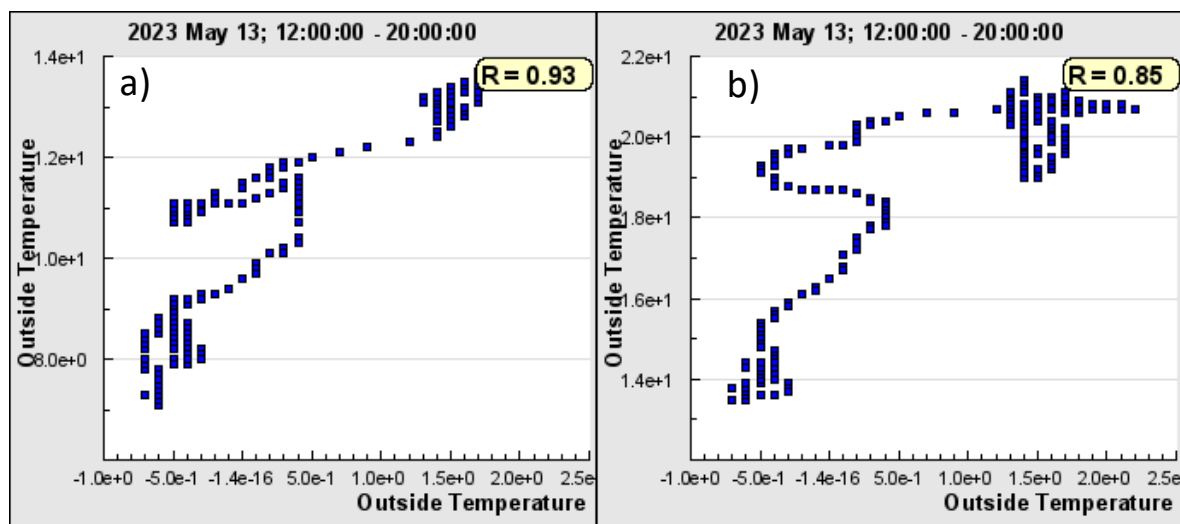


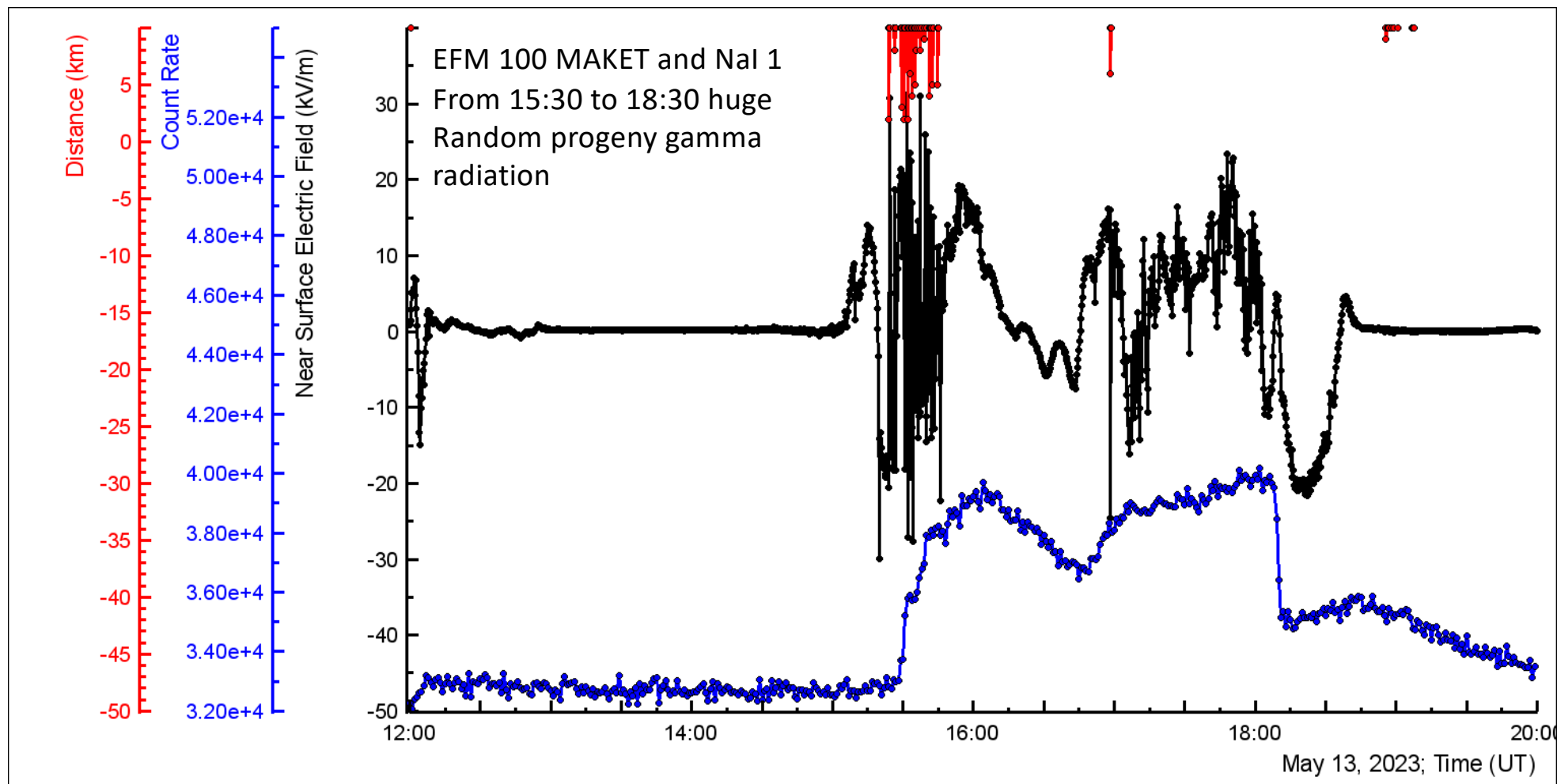


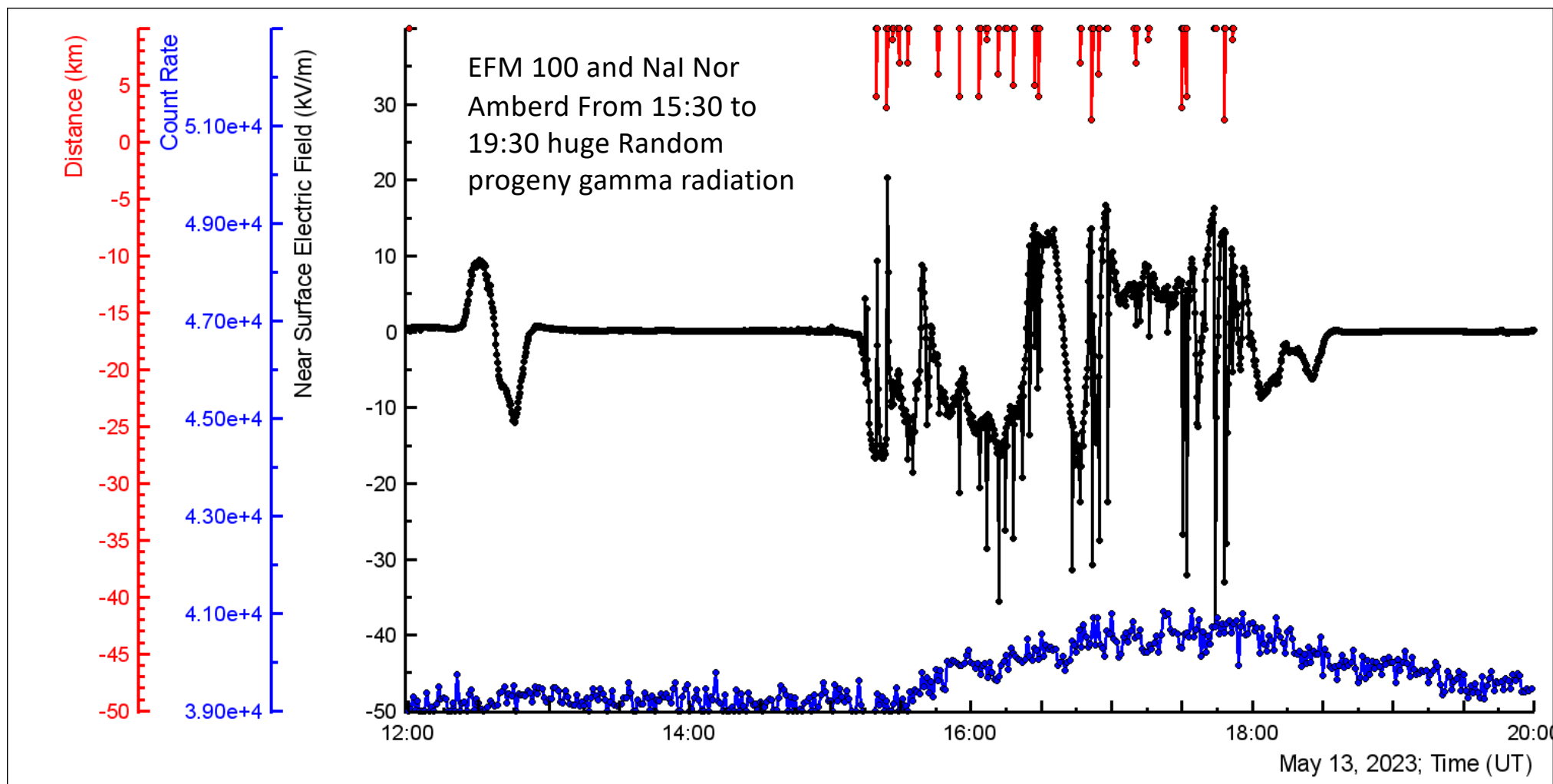


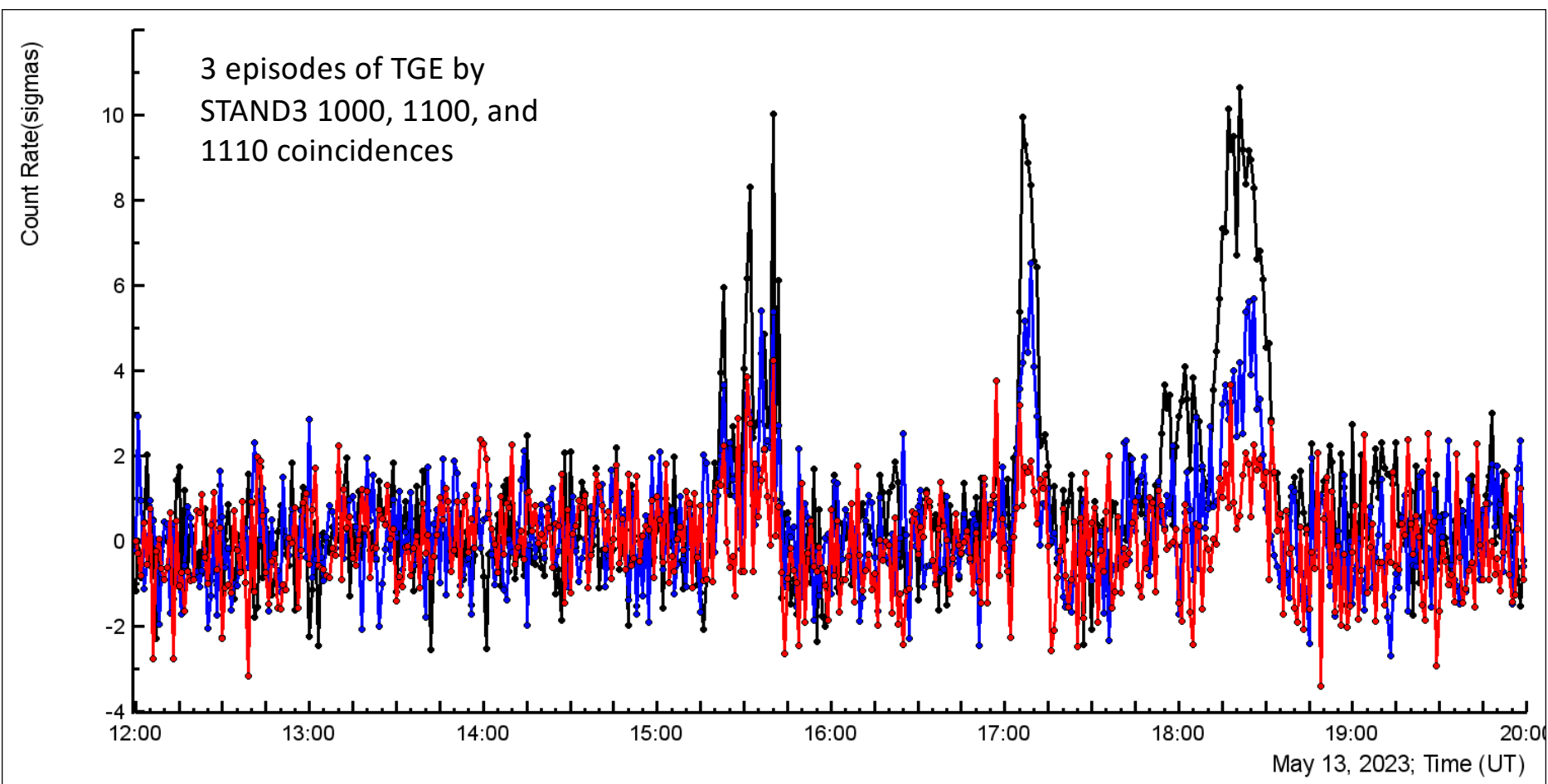


Correlation of temperatures between Aragats and Nor Amberd (a) and Aragats and Yerevan (b)









1-minute time series of 8 scintillators of CUBE detector with veto on charged particles (gamma rays)

