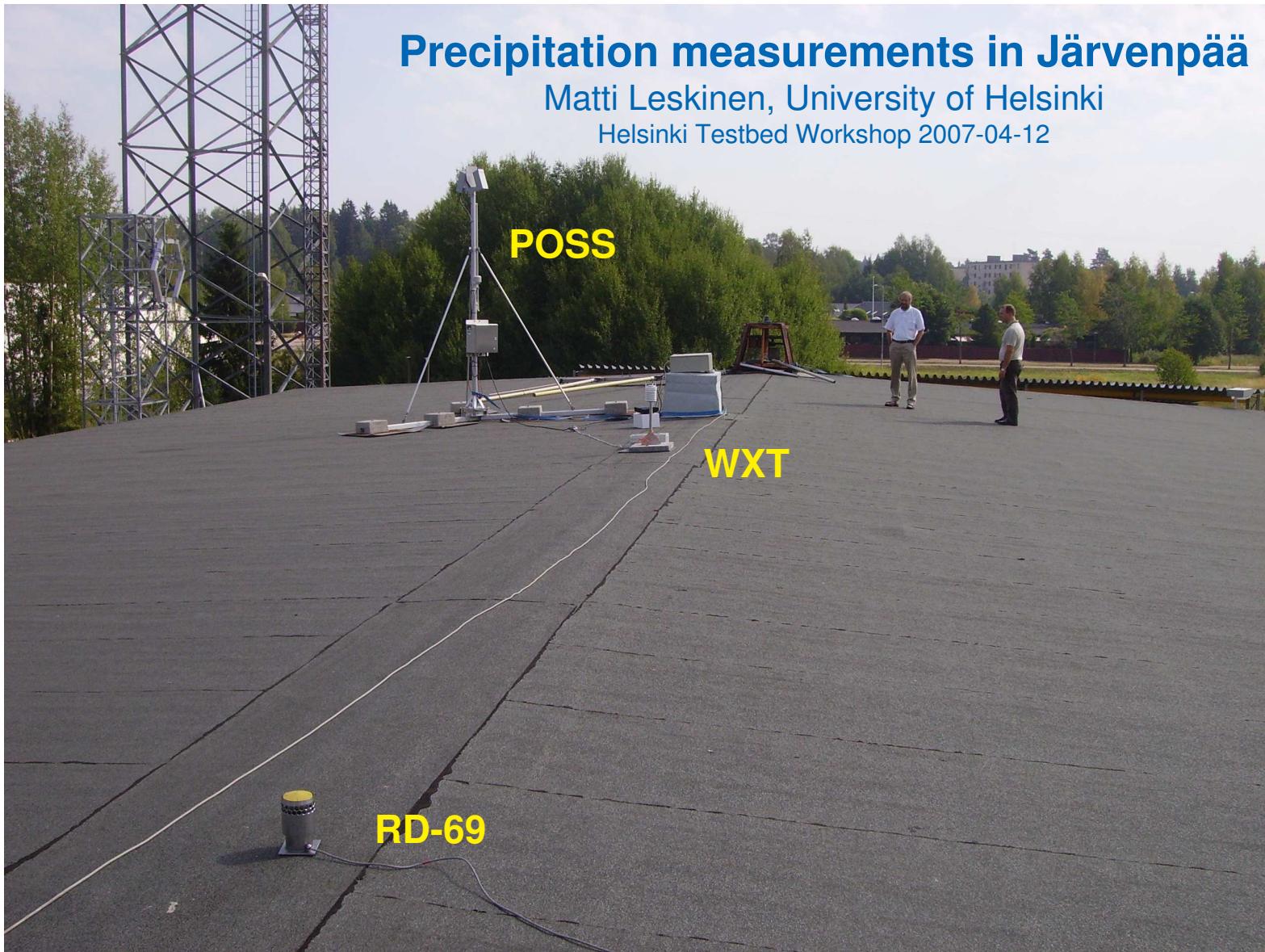
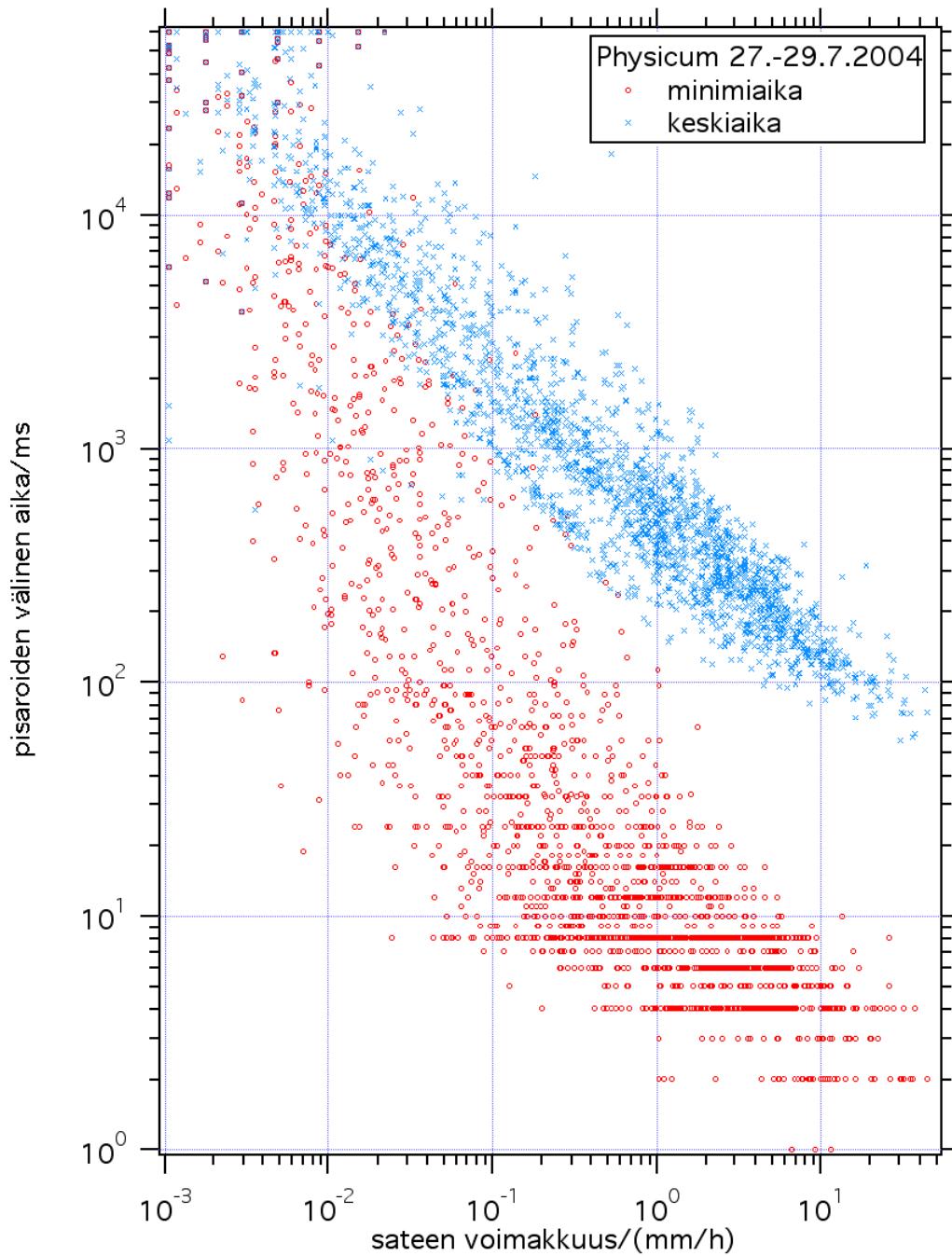


Precipitation measurements in Järvenpää

Matti Leskinen, University of Helsinki

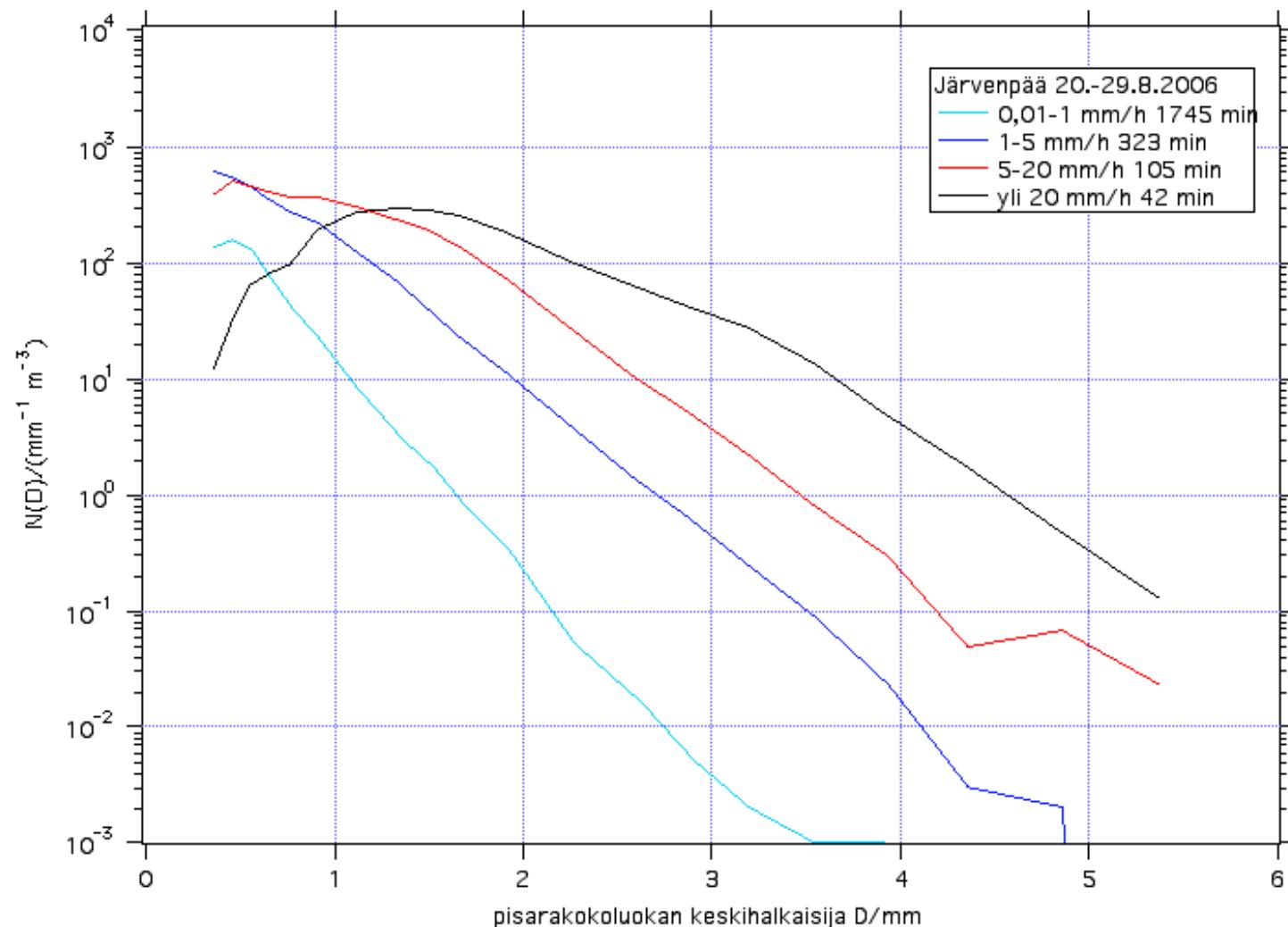
Helsinki Testbed Workshop 2007-04-12



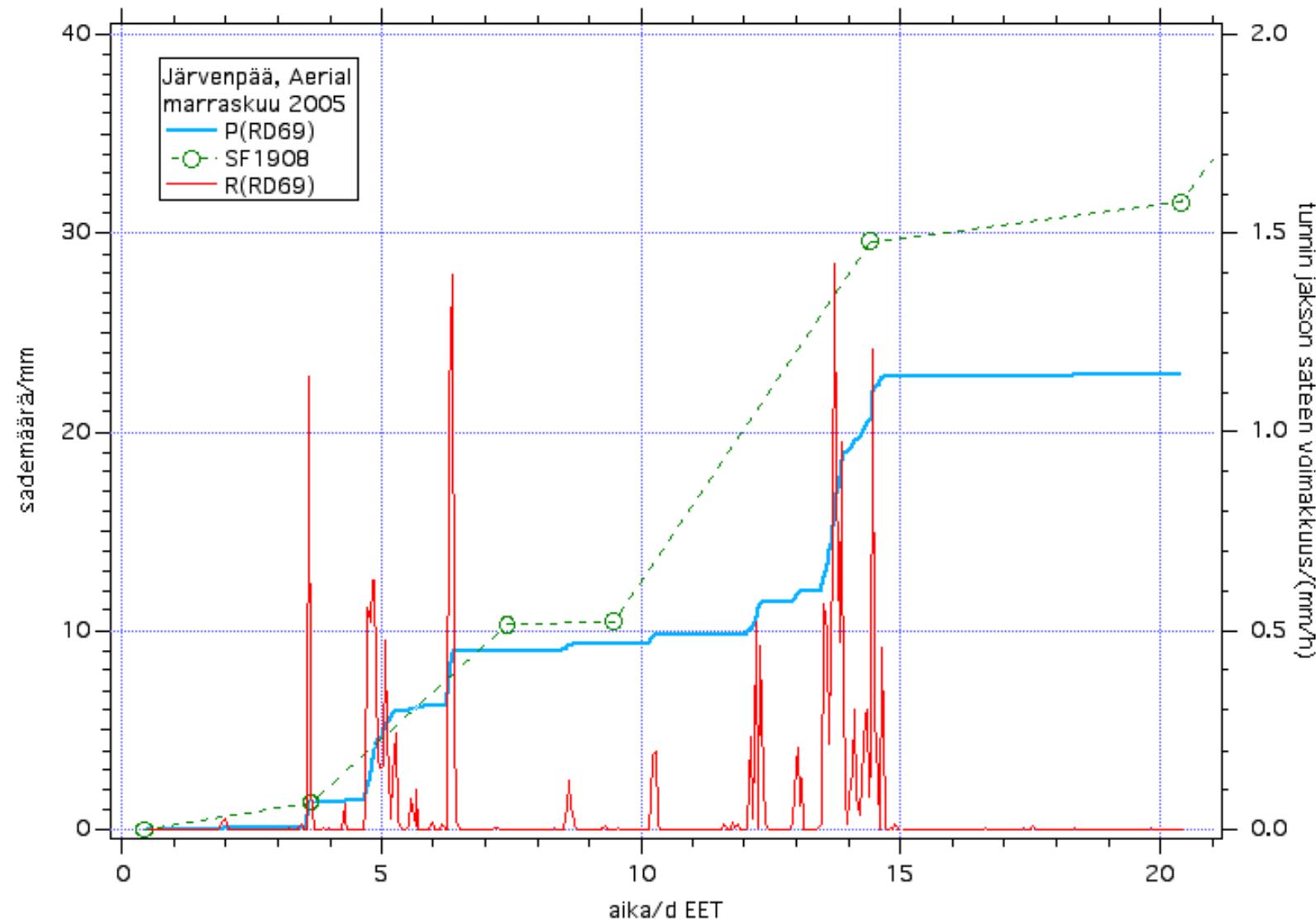


RD-69
1 min sample,
time between hits
minimum in red
mean value in blue
time resolution
1 millisecond

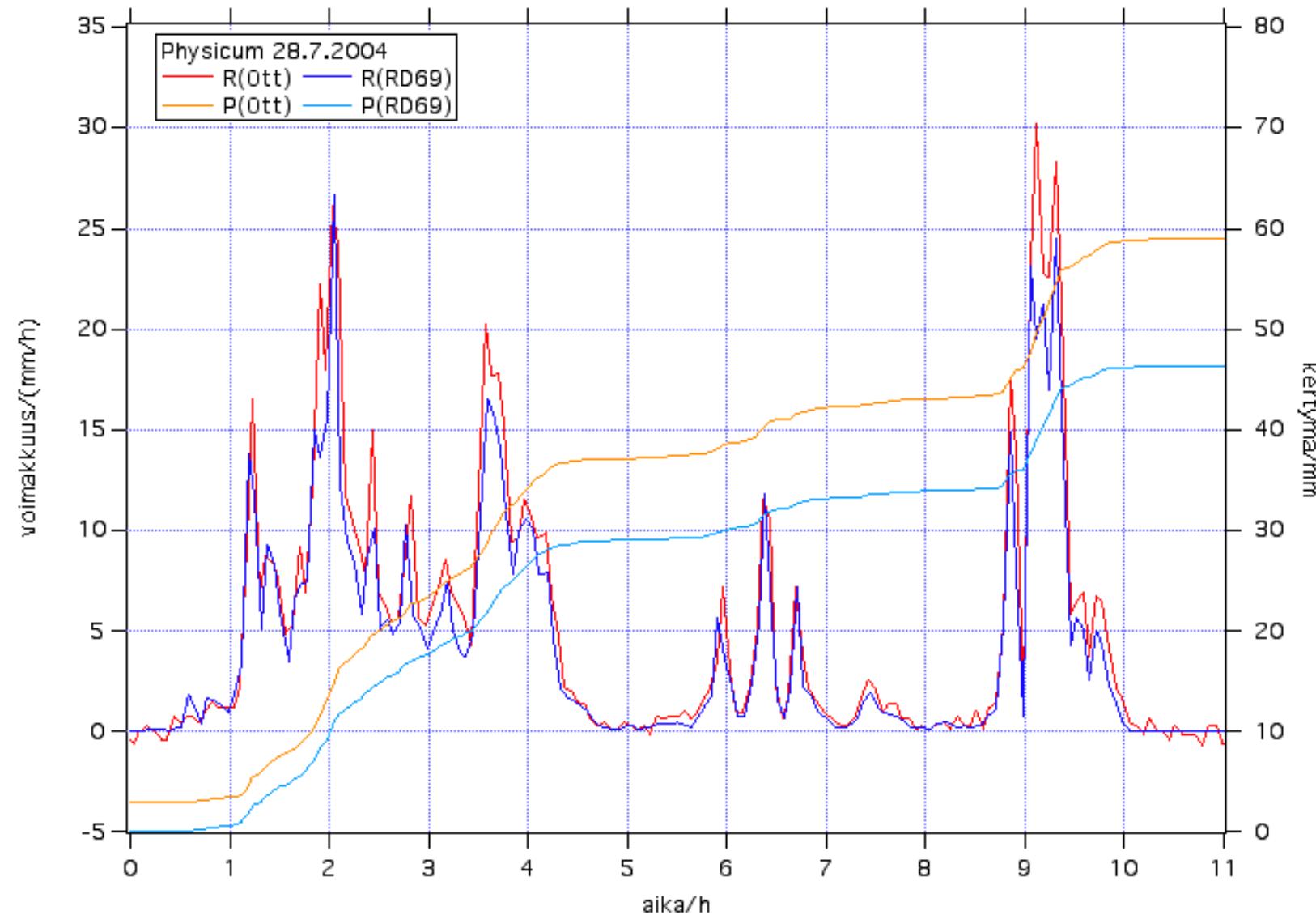
RD-69 drop size distributions of various intensity classes



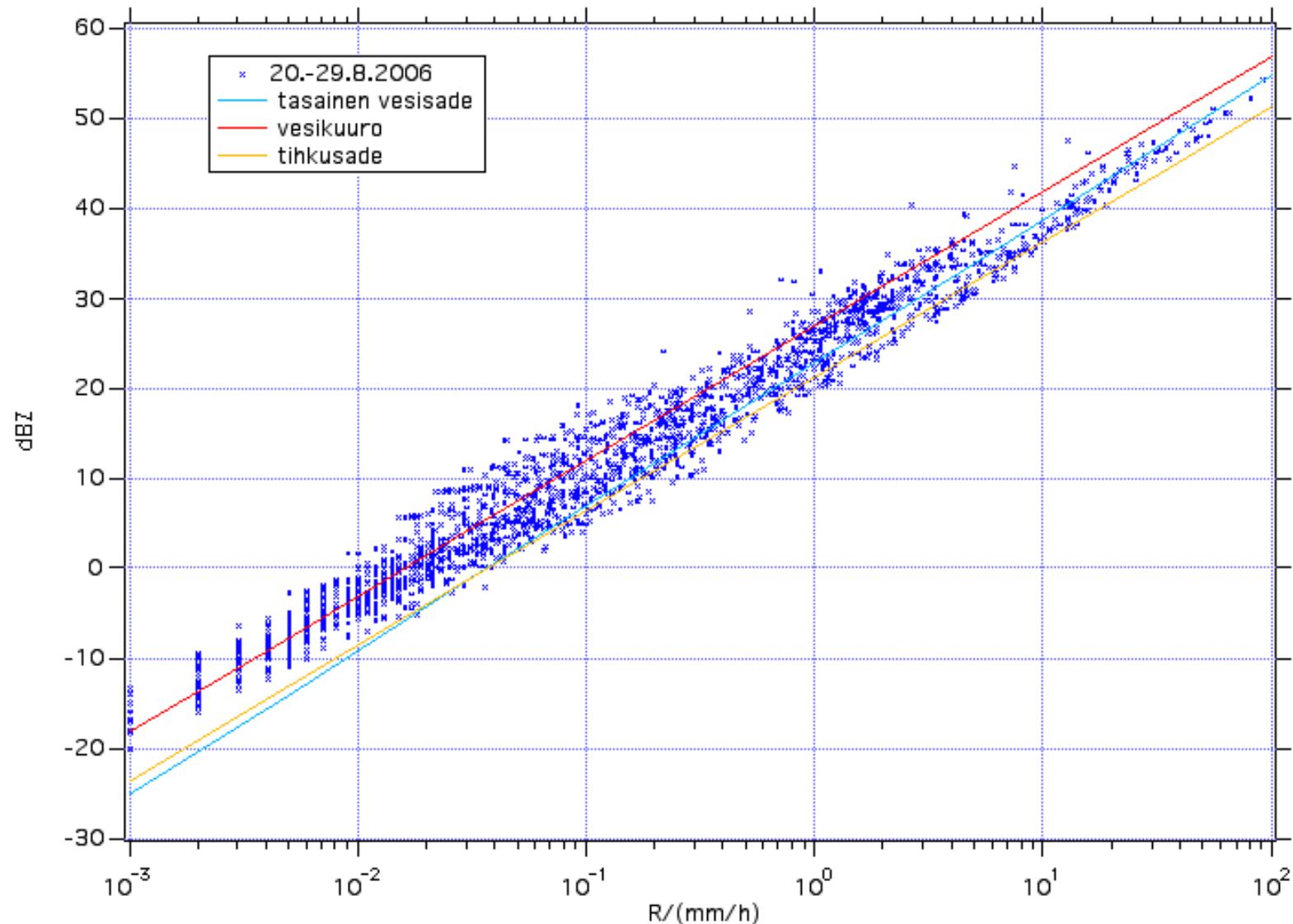
RD-69 and collecting vessel



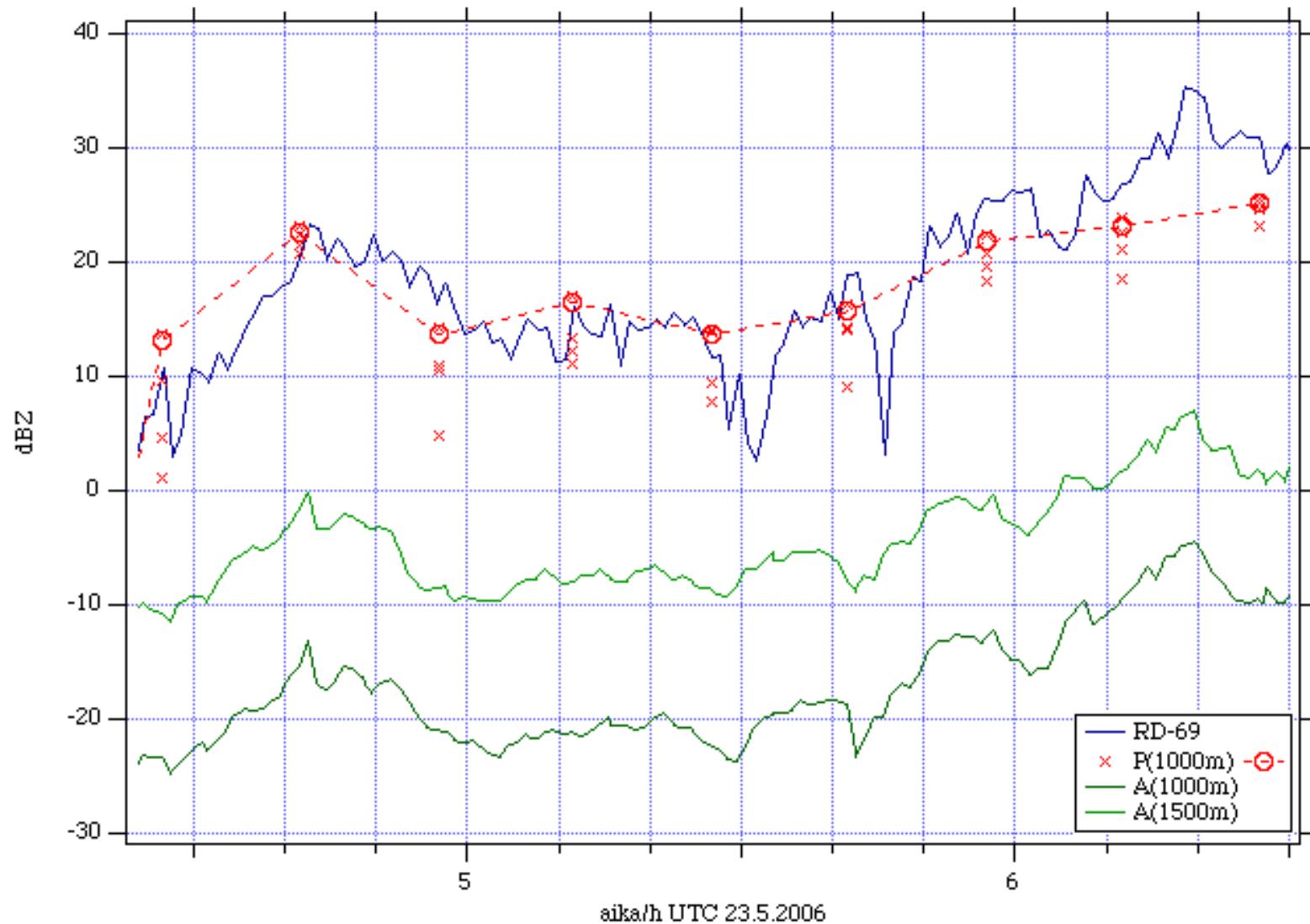
RD-69 and Ott Pluvio on the roof of Physicum



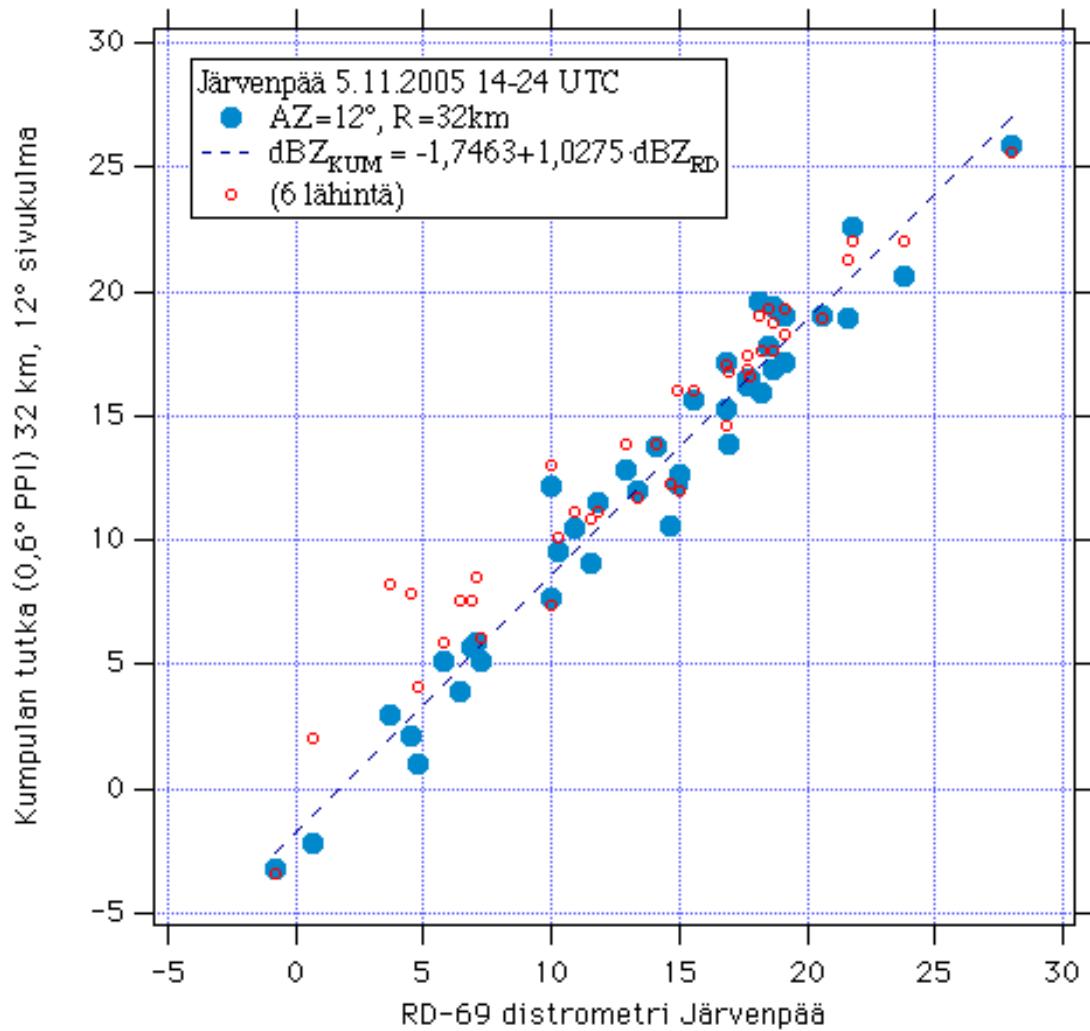
RD-69 rain intensity and radar reflectivity factor



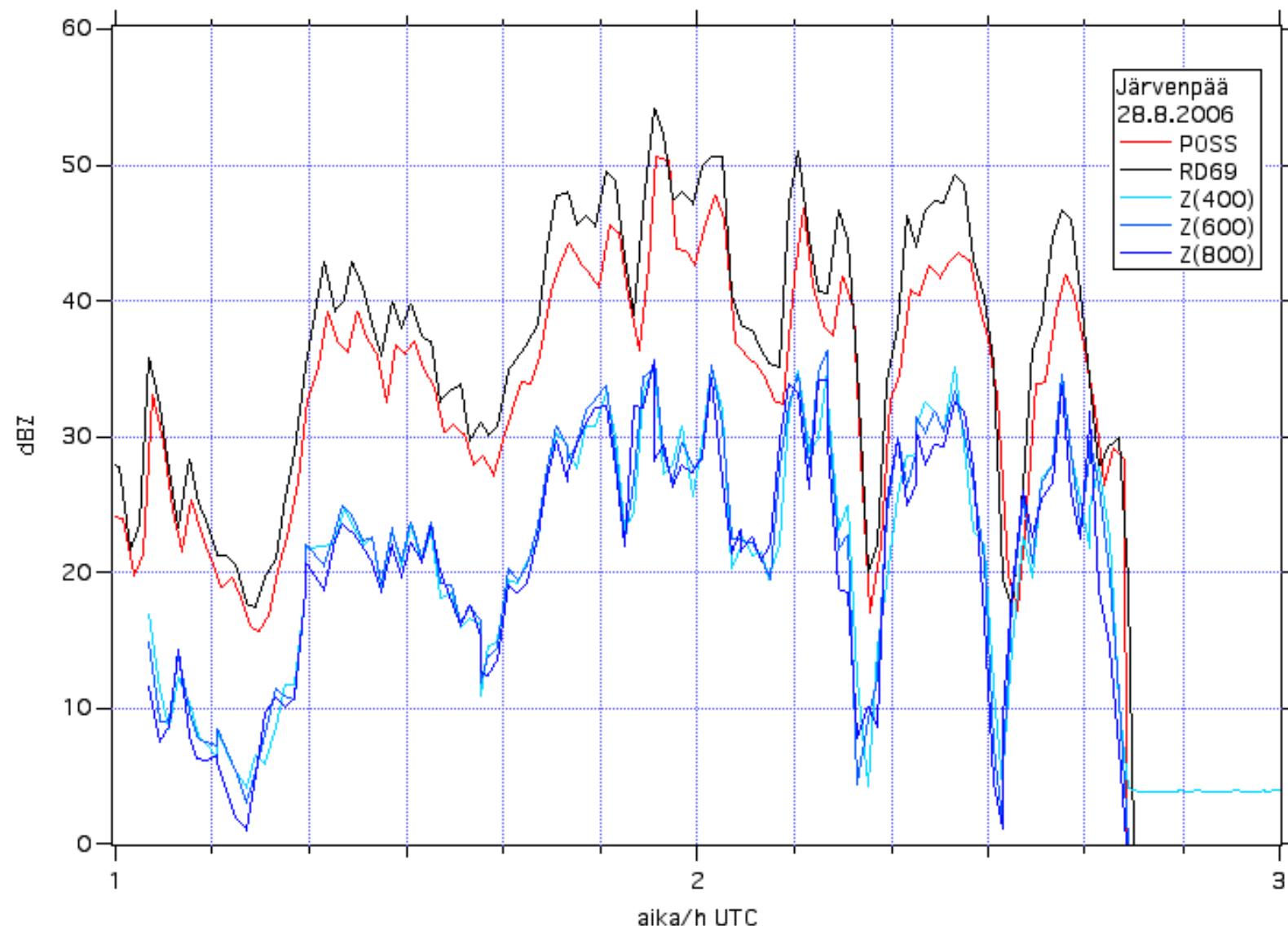
RD-69 and weather radars



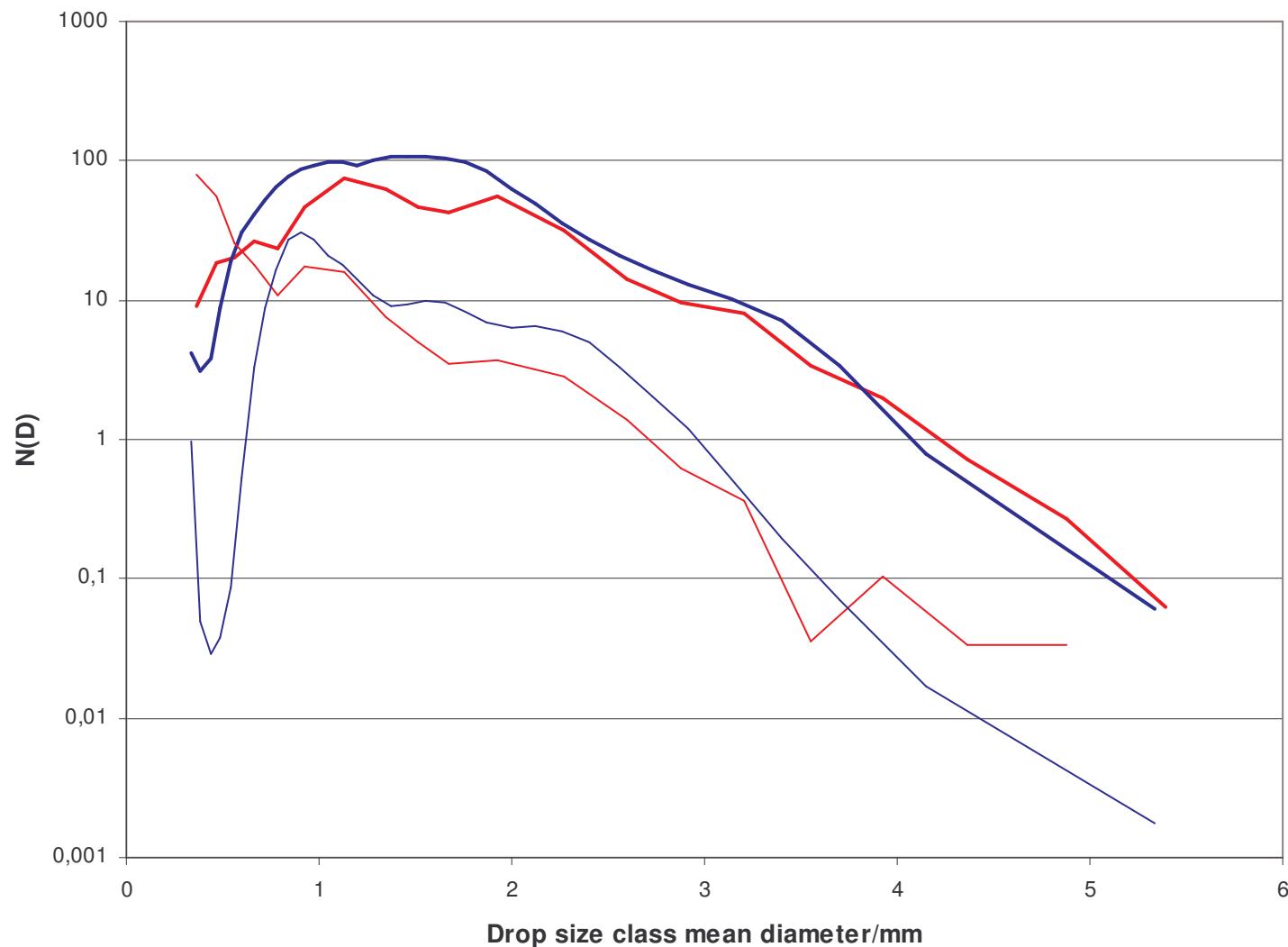
RD-69 and Kumpula radar



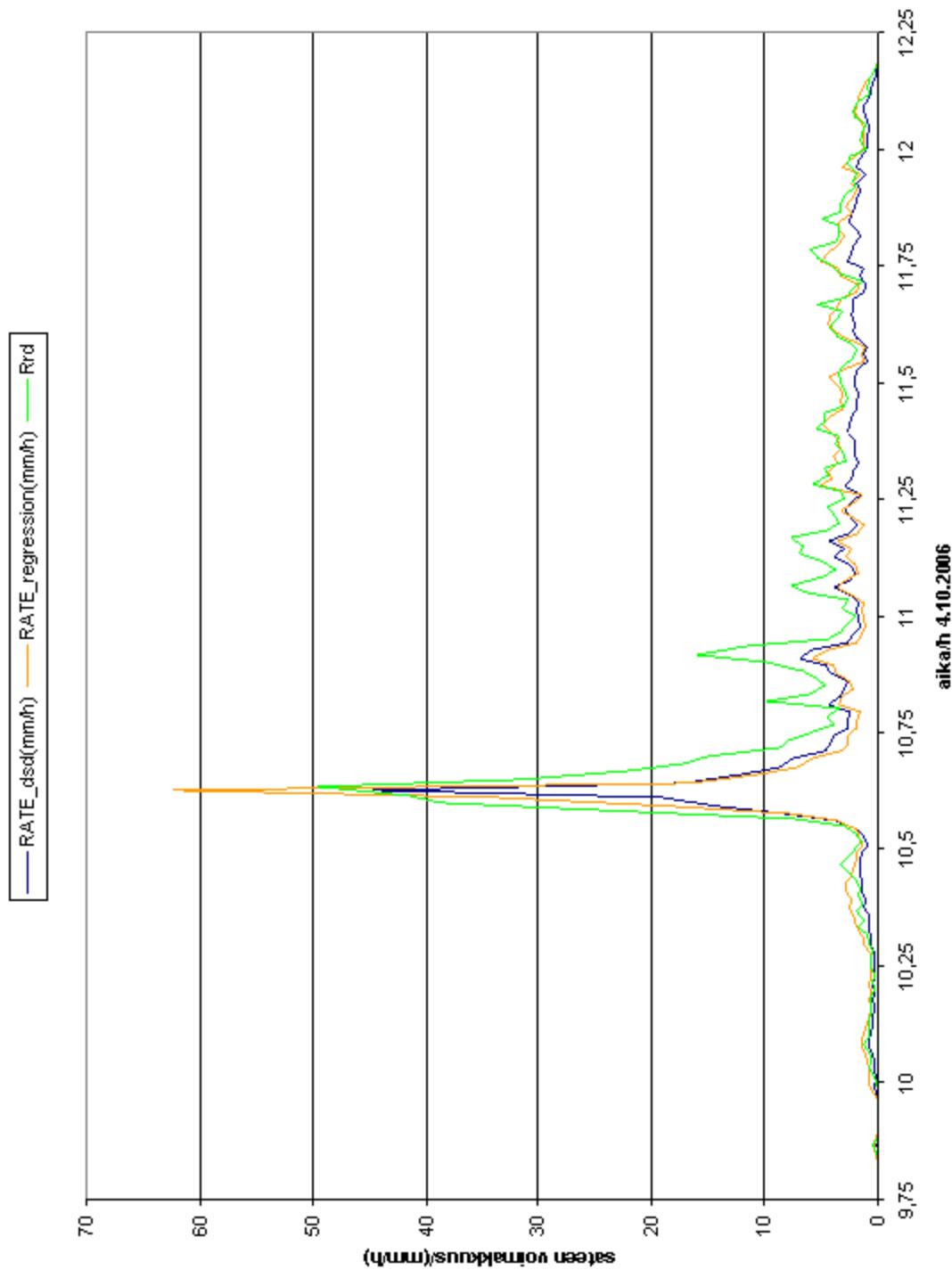
POSS, RD-69 and VLDWR

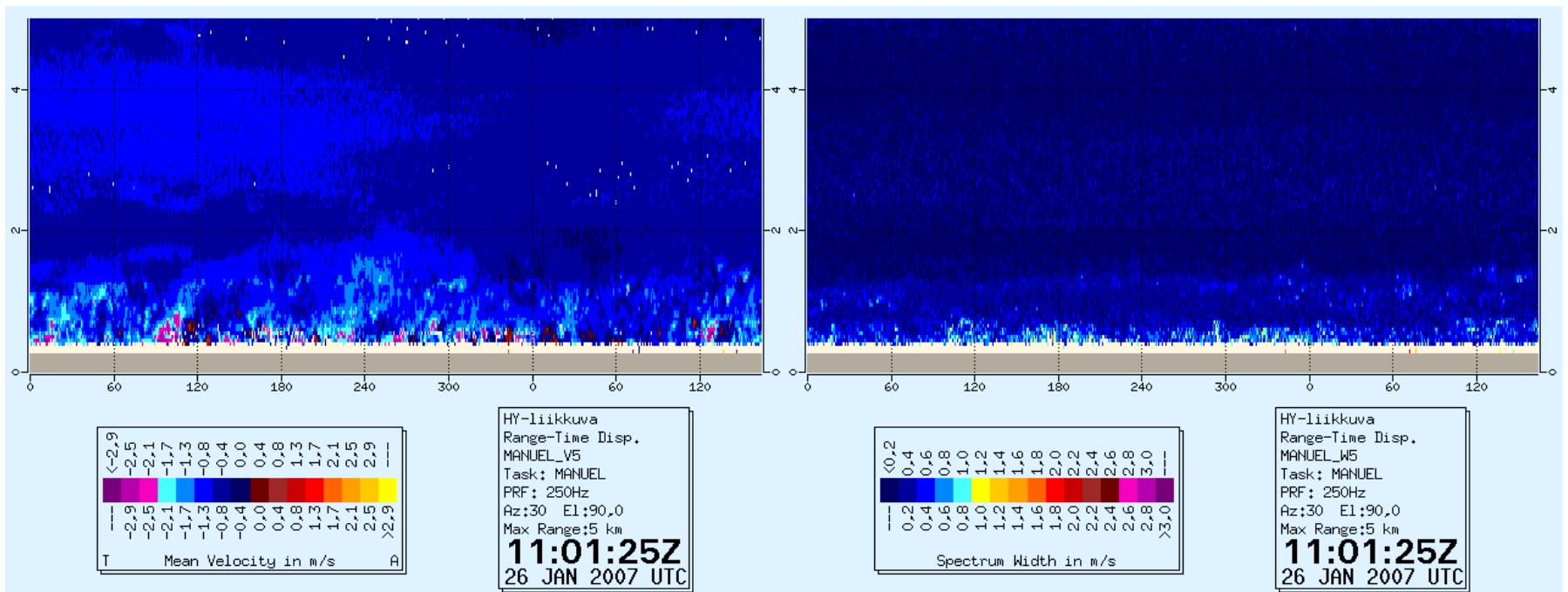


RD-69 (red) and POSS (blue) 2006-08-28



Järvenpää RD-69 ja POSS 4.10.2006





Date, Obs_Wx, POSS_Wx, Obs_Temp(c), POSS_Temp(c), Obs_wind_speed(kts), 1min_wind_speed(kts), Diagnostic, 0th_moment, Mode_vel(m/s), Mean_vel(m/s), SD_vel(m/s), LWC_or_IWC(g/m^3), RATE_dsd(mm/h), log_RATE_dsd(mm/h), RATE_regression(mm/h), log_RATE_regression(mm/h), Z_Rayleigh(dBZ), Zh_C(dBZ), Zv_C(dBZ), Zdr_C(dB), Kdp_C(deg/km), D0(mm), N0_Waldvogel(m^-3 mm^-1), N0_mod_gamma(m^-3 mm^-1 + mu), SD_N0_mod_gamma, Mu_gamma, SD_Mu_gamma, Lambda_gamma(mm^-1), SD_Lambda_gamma, chi2, NVALID, NTOTAL, log N(D) (m^-3 mm^-1)