Supplement of

Contrasting aerosol growth potential in the northern and central-southern regions of the North China Plain: Implications for combating regional pollution

Wang et al.

Table S1. The number statistics of measurements and NPF days, and the NPF occurrence frequency

	BJ winter	BJ summer	XT summer
Measurement days	39	21	52
NPF days	18	5	25
NPF occurrence frequency	46.15%	23.81%	48.08%

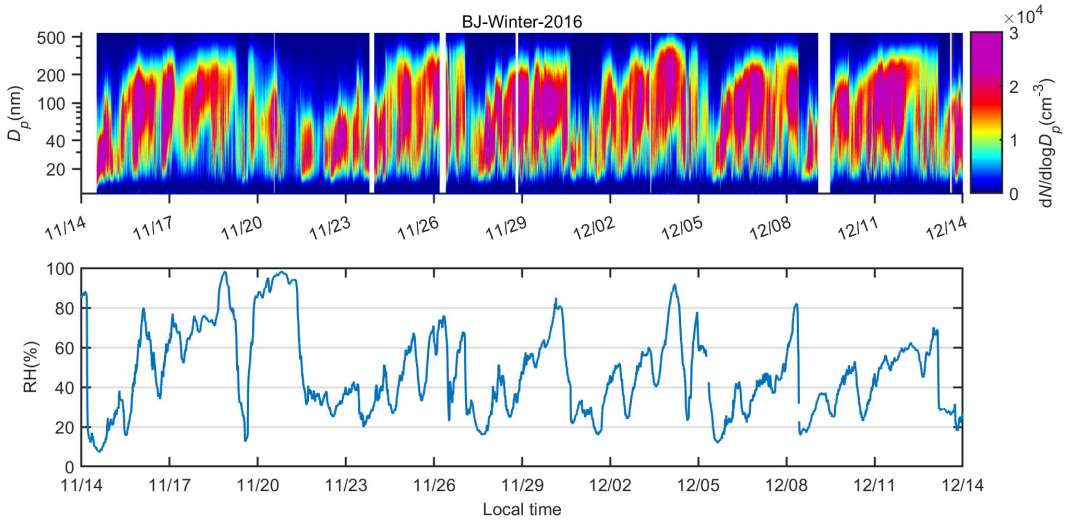

Figure S1. The time series of particle number size distribution (PNSD) and ambient relative humidity (RH) during the winter campaign at Beijing (BJ) measurement site

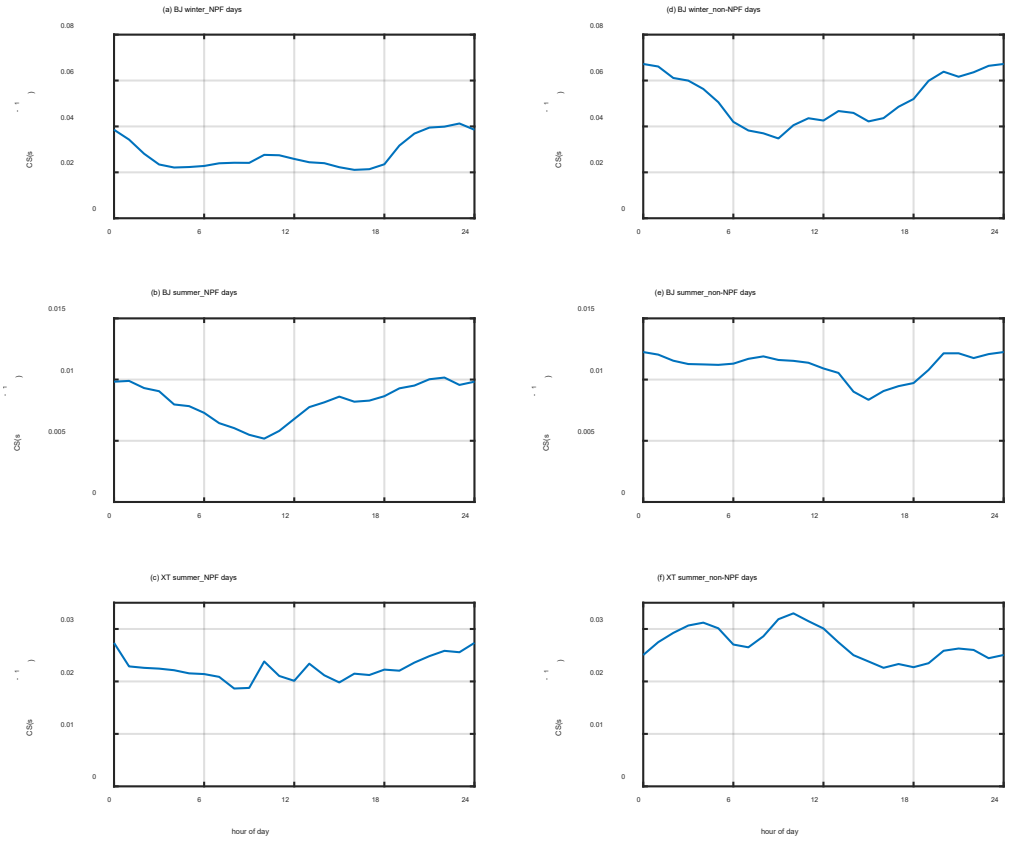

Figure S2. The diurnal variations of condensation sink (*CS*) in the NPF and non-NPF days during three field campaigns

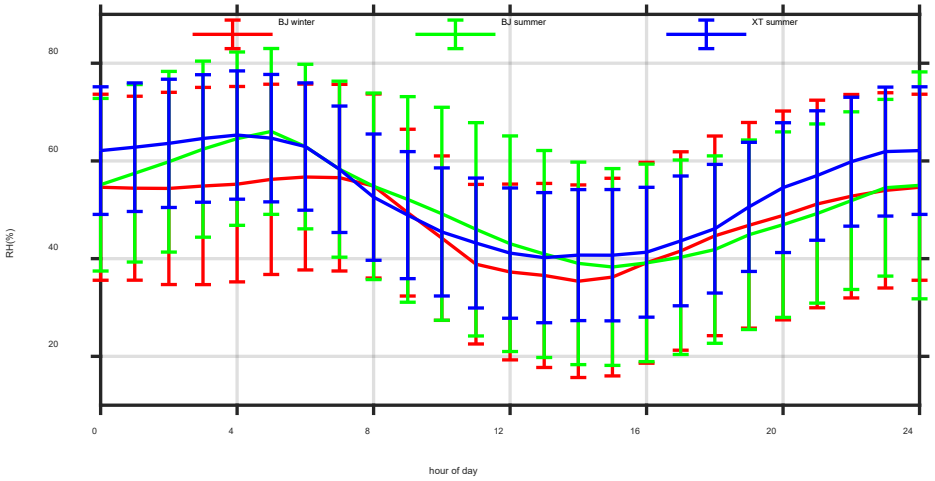

Figure S3. The diurnal variations of ambient relative humidity (RH) and their standard deviations (error bars) during three field campaigns

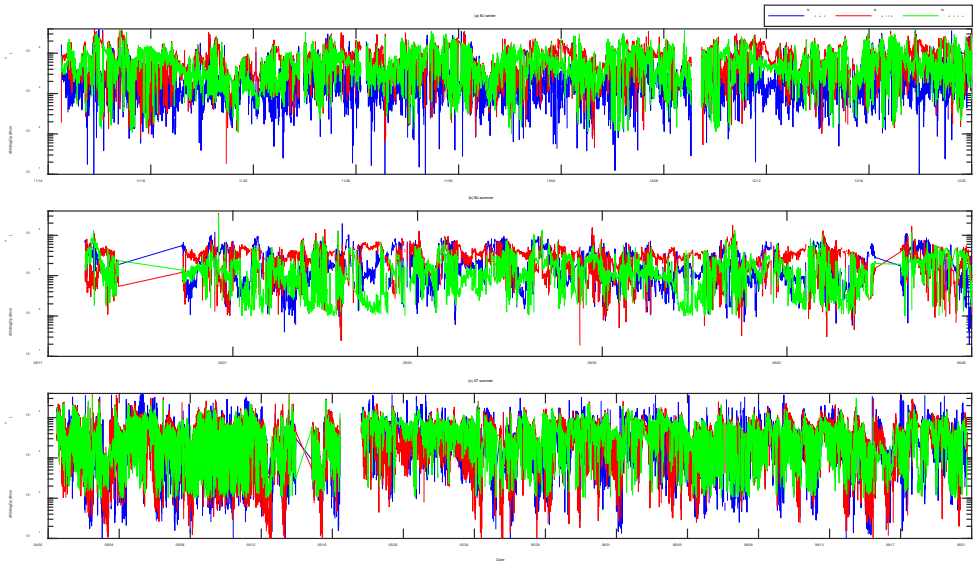

Figure S4. The time series of number concentrations of nucleation, Aitken, and accumulation mode particles (N_{nuc}, N_{aitk}, and N_{accu}) during three field campaigns.