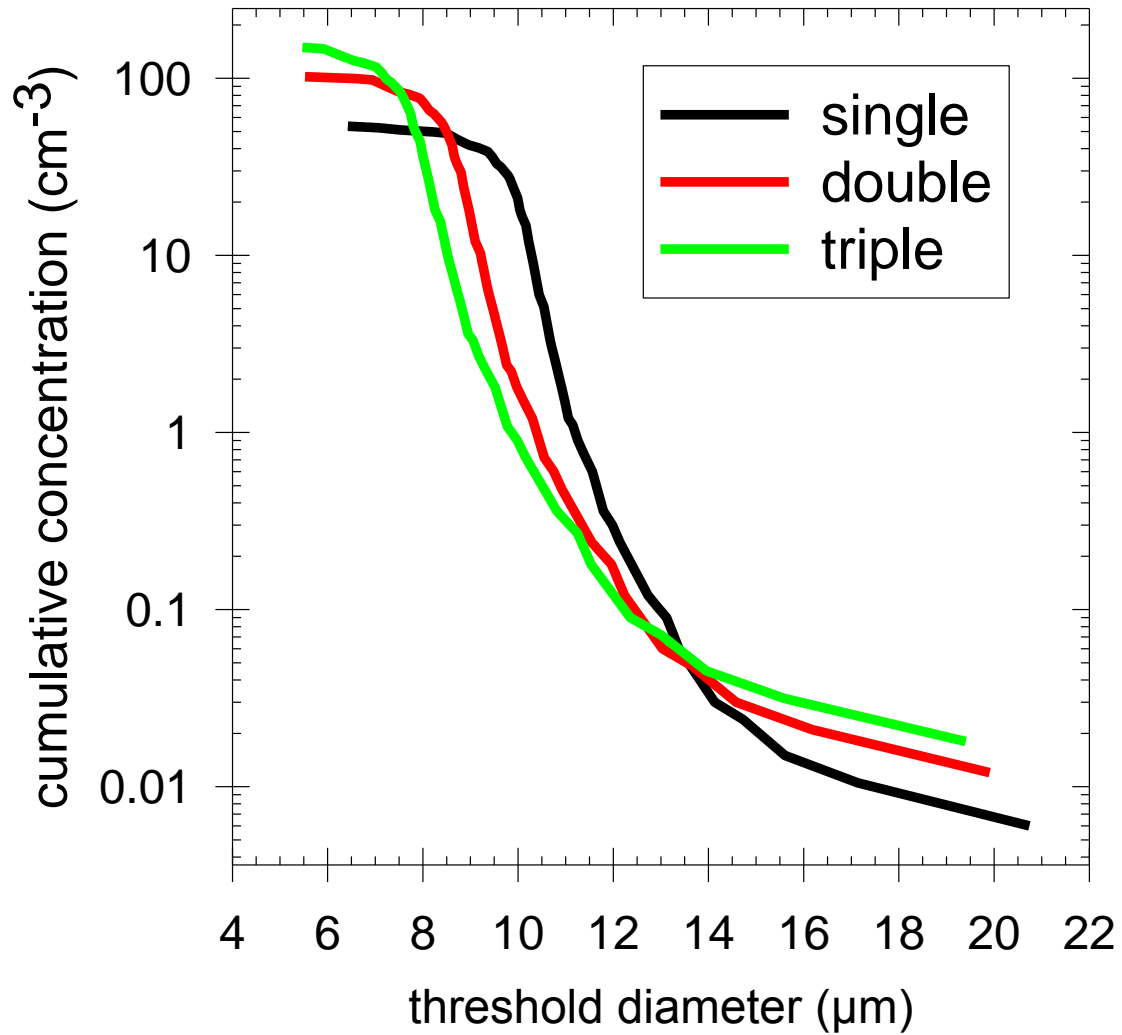
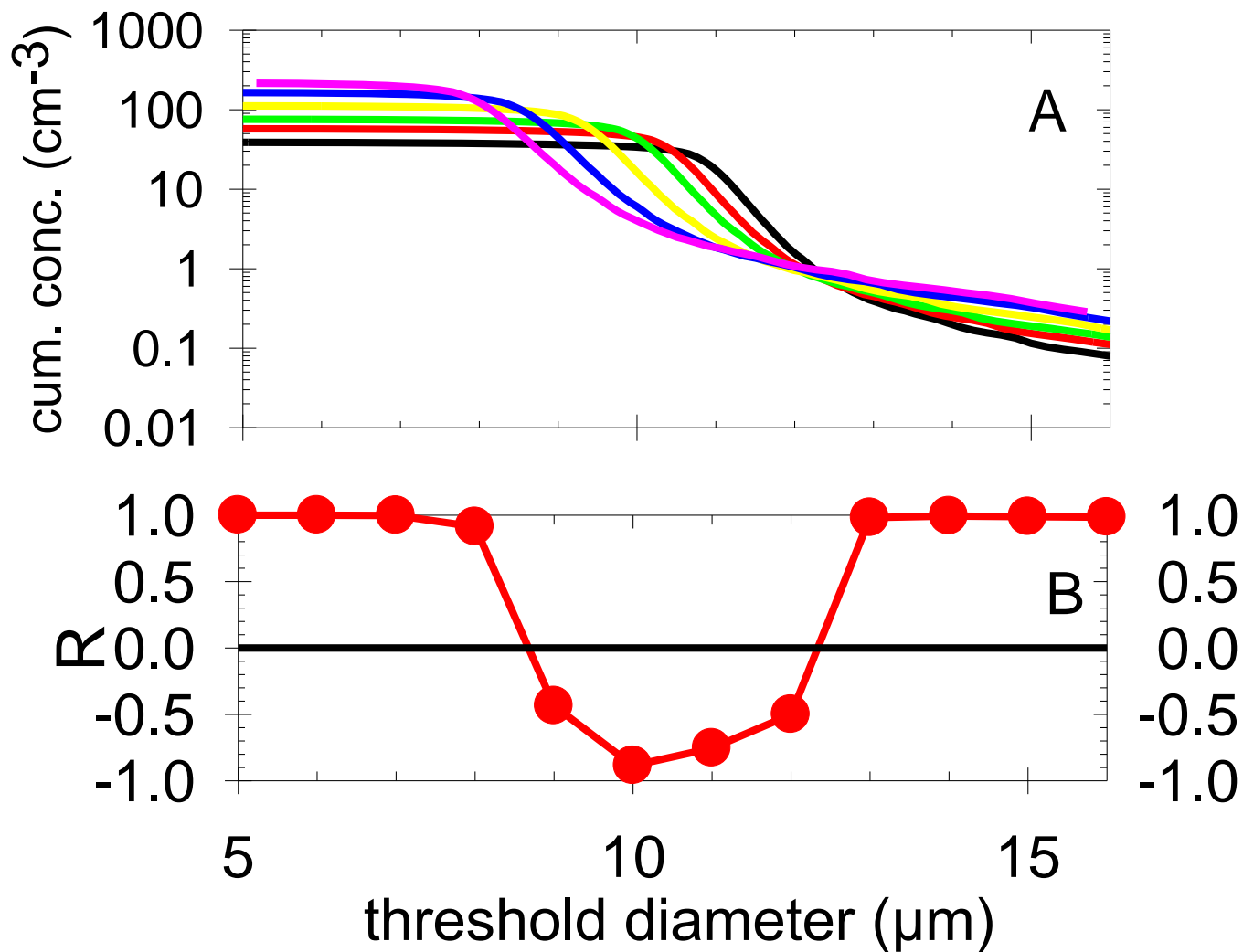


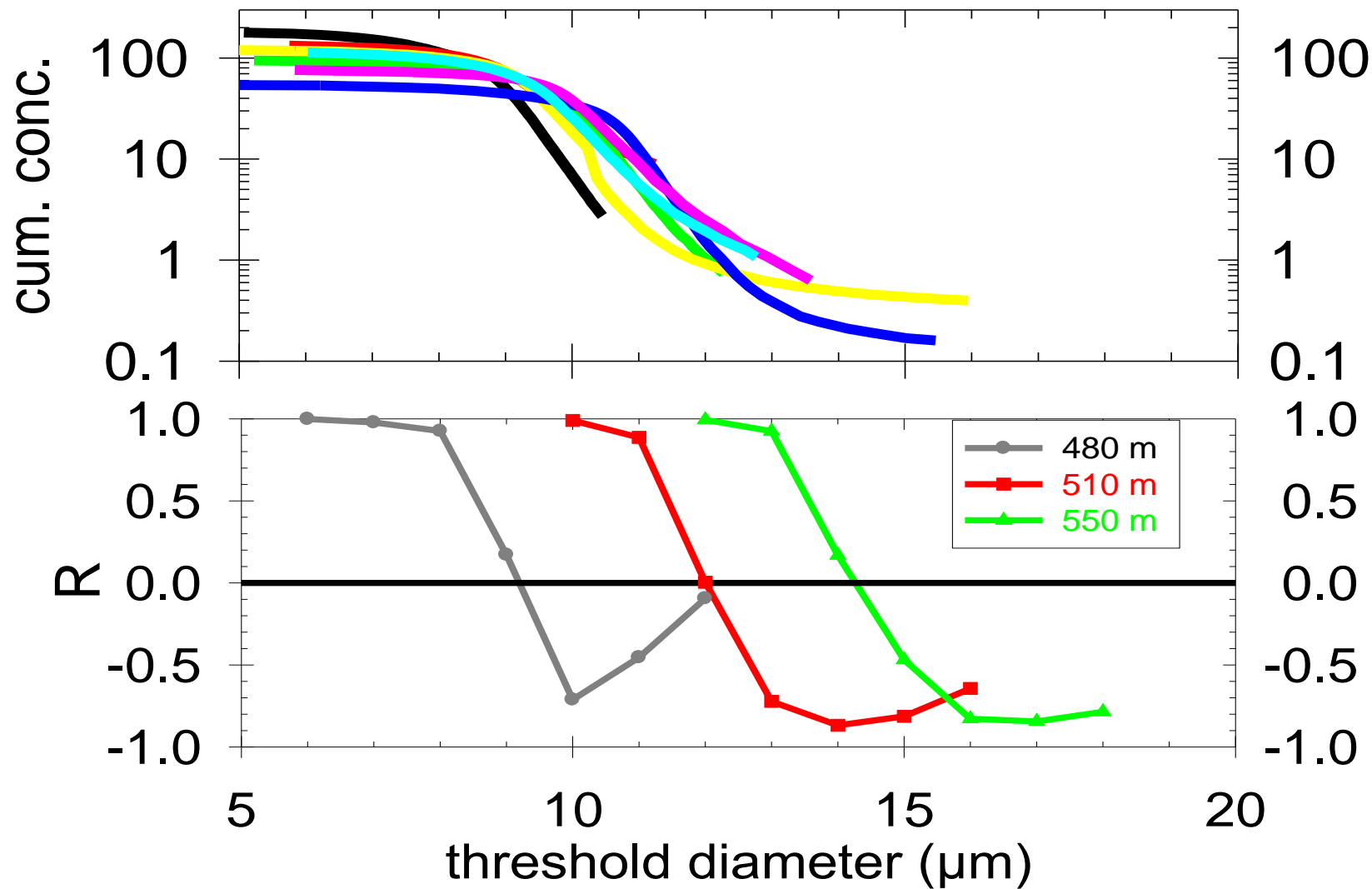
**Figure 7.** Panel a is similar to Fig. 6 except that this is for only the altitude range of 3-6 km, which means 50 clouds (data points) for each correlation (Table 4, column3). Panel b displays the mean differential cloud droplet spectra of the 50 clouds also using the  $0.10 \text{ gm}^{-3}$  LWC threshold.



**Figure 8.** Computer model predicted droplet concentrations for CCN spectra that are multiples of each other.

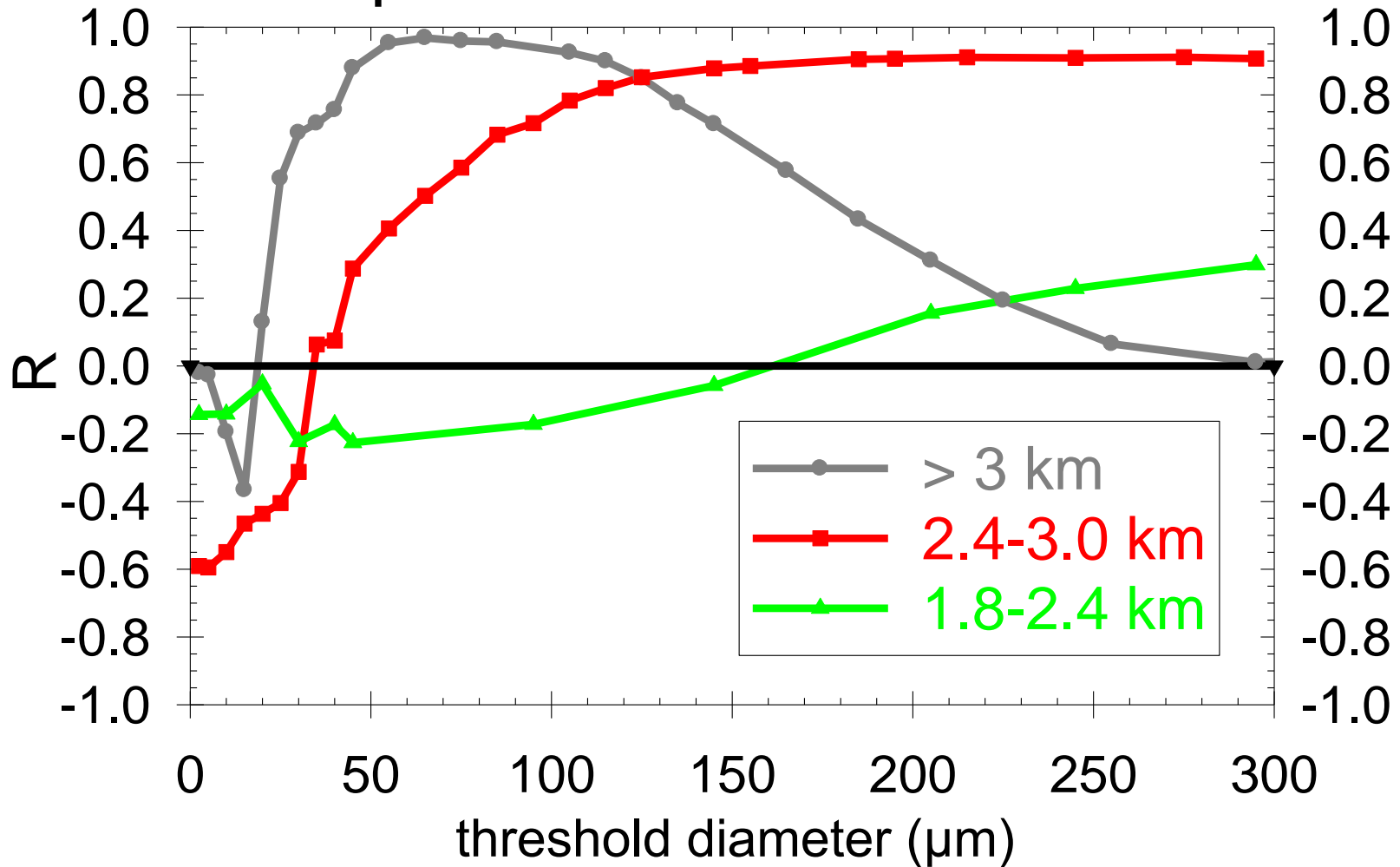


**Fig. 3.** Panel A. Cumulative droplet spectra predicted by the Robinson (1984) model for an observed CCN spectrum and multiples of that spectrum. Panel B shows correlation coefficients (R) between CCN and cumulative droplets concentrations in Panel A.



**Fig. 4.** As Fig. 3 but for observed RICO CCN spectra at 480m in Panel A. Panel B shows  $R$  for these CCN spectra also at two higher altitudes.

**R between CCN @ 0.02% below clouds and cumulative drizzle drop concentrations for 3 RICO altitude bands**



**Fig. 7.** As Figs. 1 and 5 but for Large Nuclei (LN).

