Advances in CALIPSO (IIR) cirrus cloud property retrievals – Part 2: Global estimates of the fraction of cirrus clouds affected by homogeneous ice nucleation

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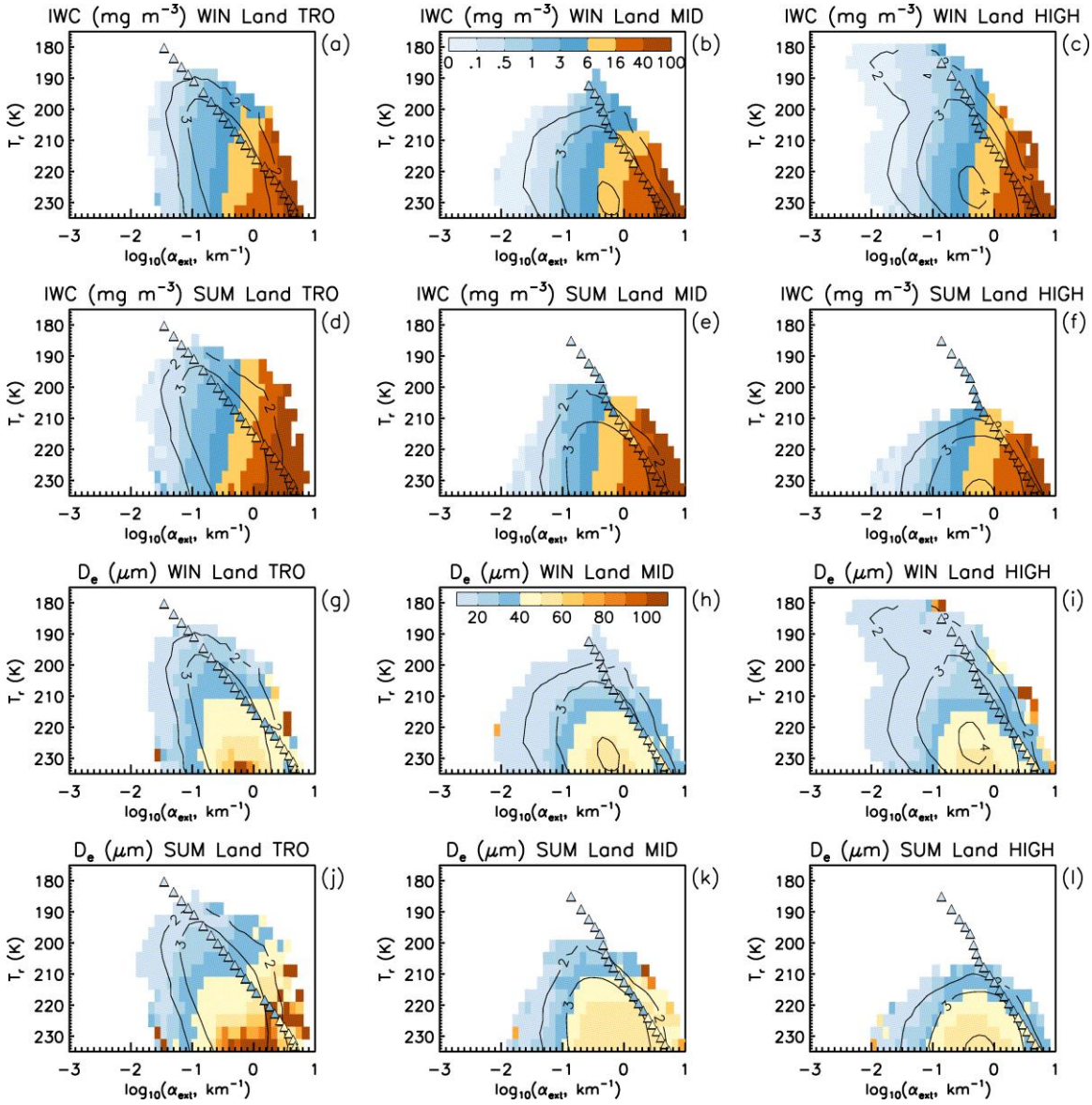

Figure S1. Same as Fig. 13 but over land, with τ ranging from ~ 0.3 to ~ 3. Only the predictions from simple hom theory using Eq. (4) are shown (triangles).

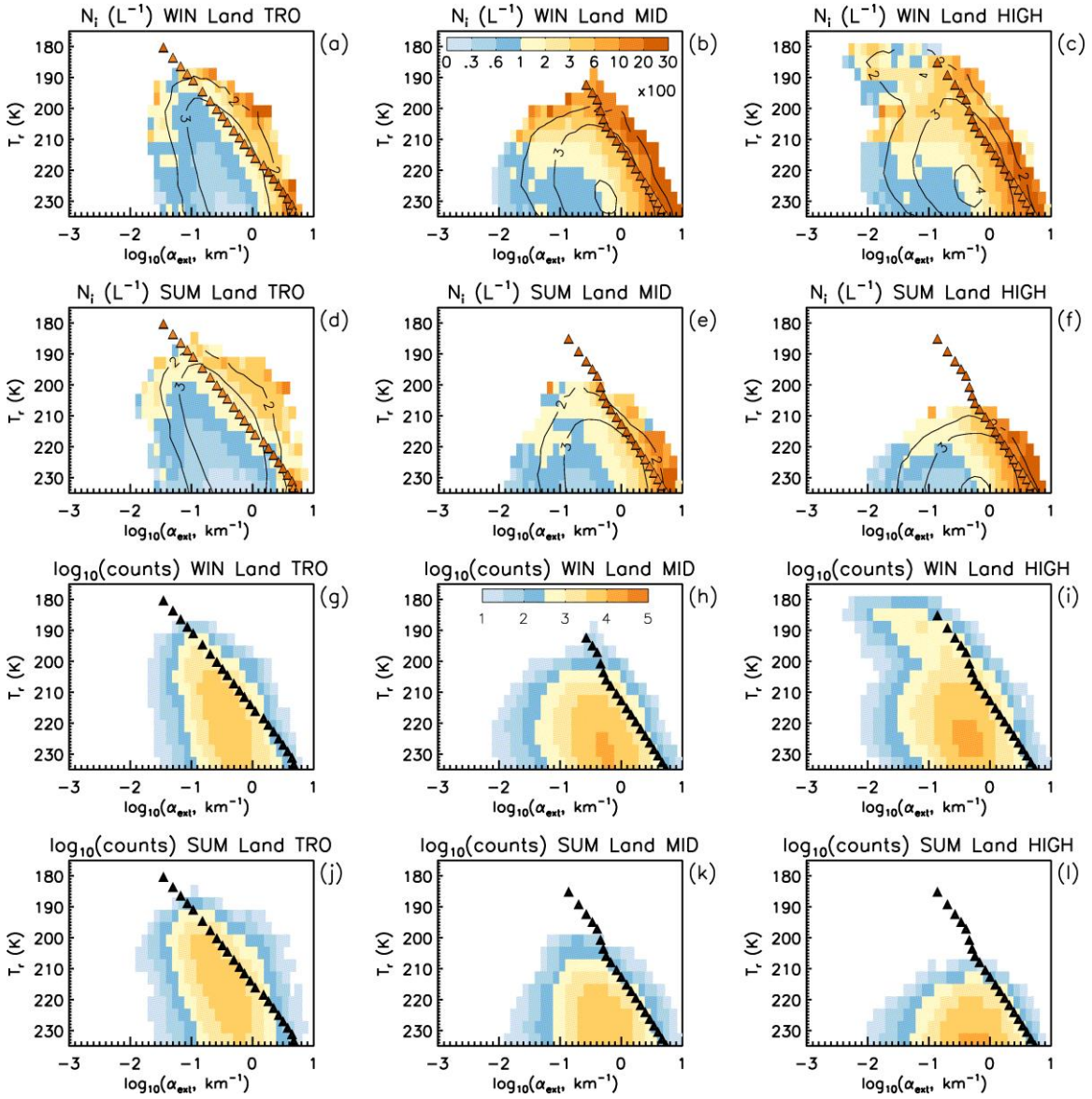

Figure S2. Same as Fig. 14 but over land, with τ ranging from ~ 0.3 to ~ 3. Predictions from simple hom theory are shown using Eqs. (4) and (5) for triangle position (using IWC_{hom} and $D_{e,hom}$ for α_{ext}) and magnitude (for N_{max}), respectively.

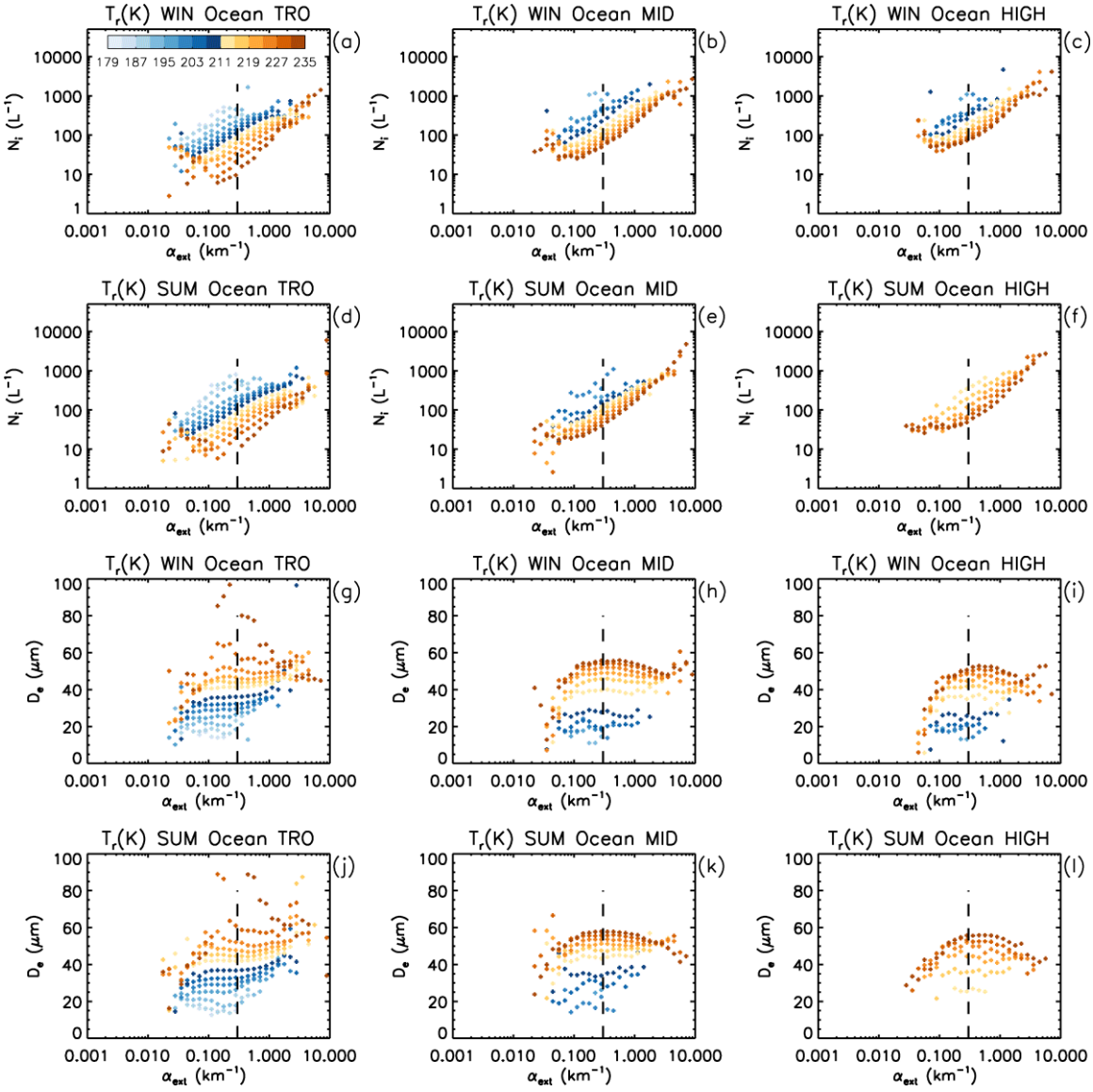

Figure S3. Same as Fig. 15 but with τ ranging from ~ 0.3 to ~ 3.

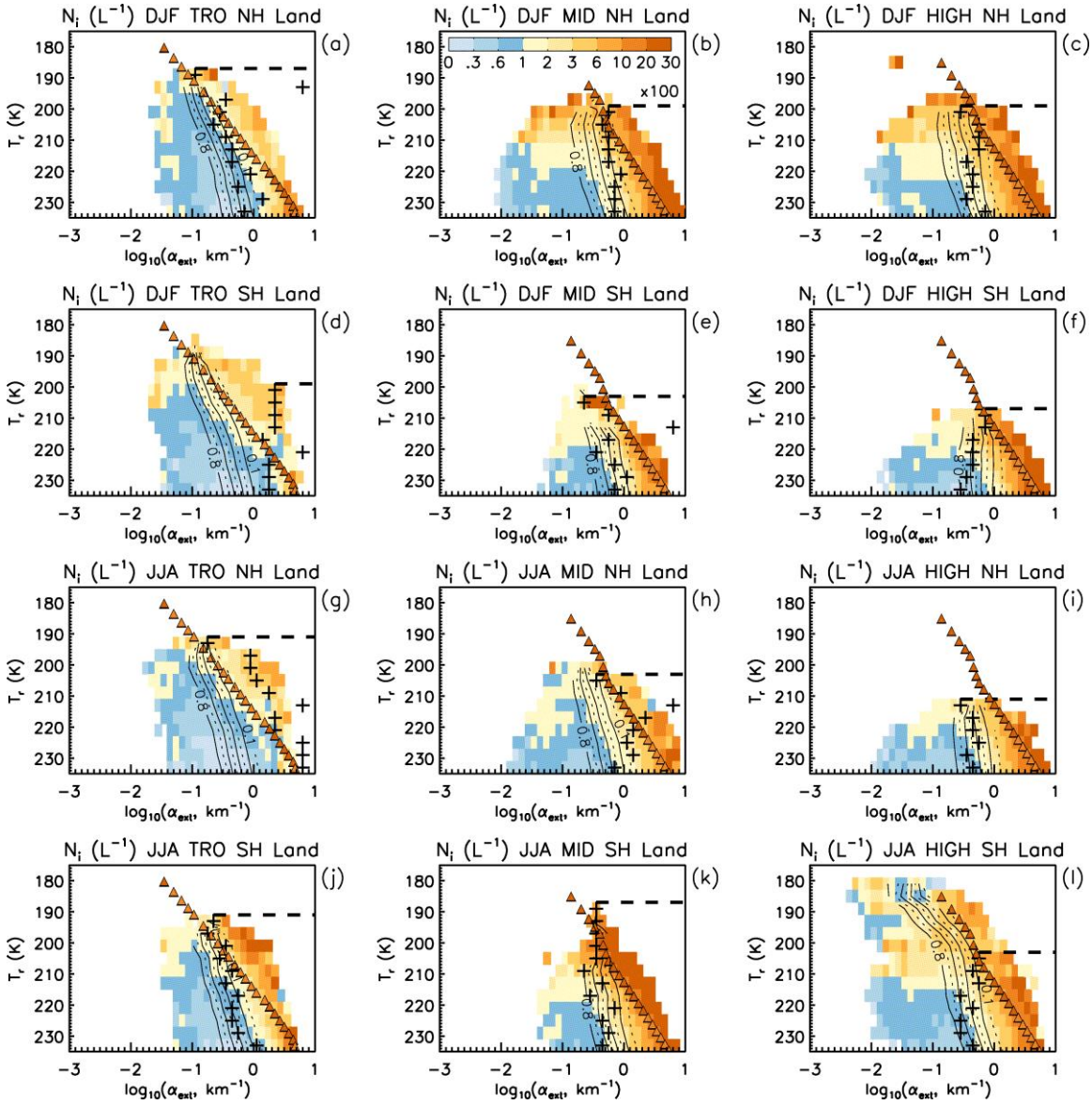

Figure S4. Same as Fig. 17 but over land with τ ranging from ~ 0.3 to ~ 3.