



Figure 4: Albedo differences as a function of optical thickness and total water path between inhomogeneous mixed phase clouds (3d) with dominant liquid phase and plane parallel homogeneous water clouds with prescribed scattering properties (1d). From Macke et al. (1999).

codes. Appropriate candidates for point 2) may be phase functions for regular hexagonal ice columns (Takano and Liou, 1989) and for irregular shaped polycrystals (Macke et al., 1996). The latter may also be representative for snow and graupel-particles in mixed-phase clouds.

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