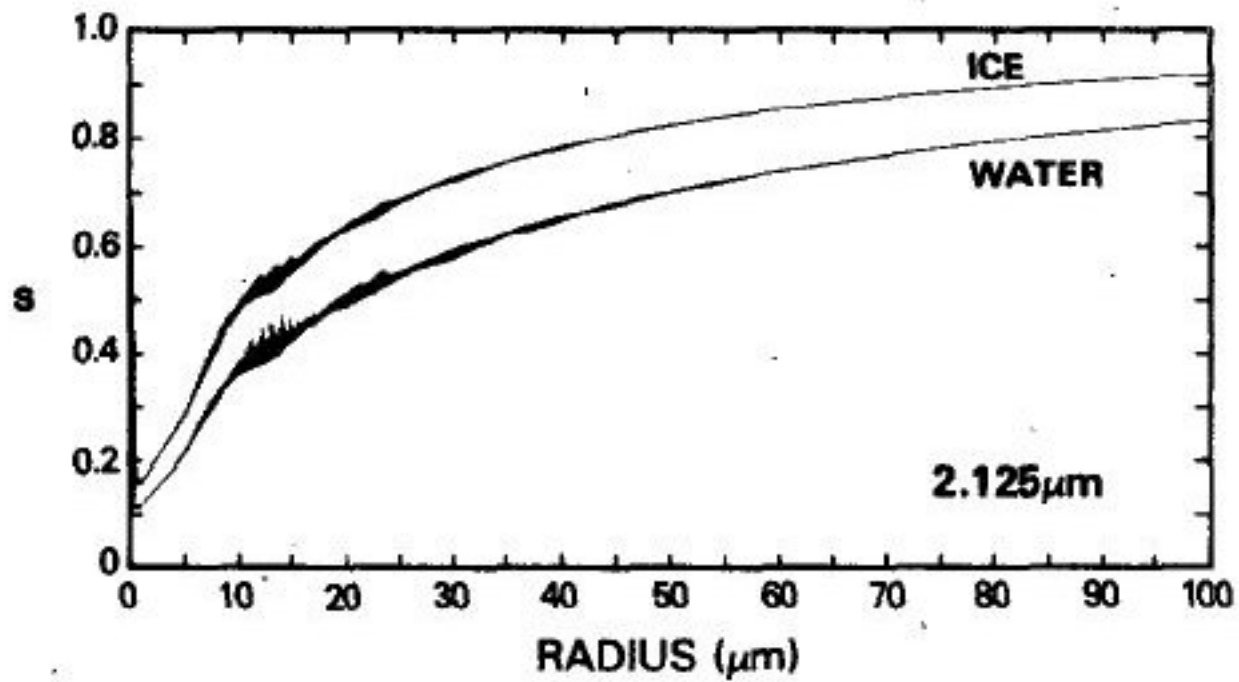
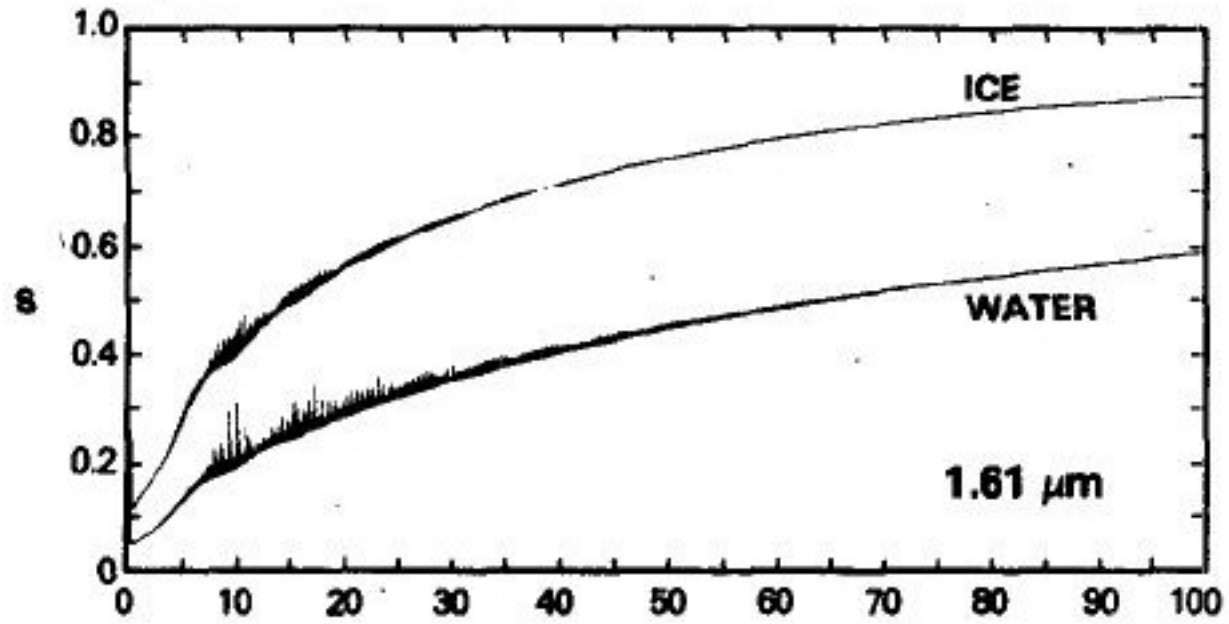
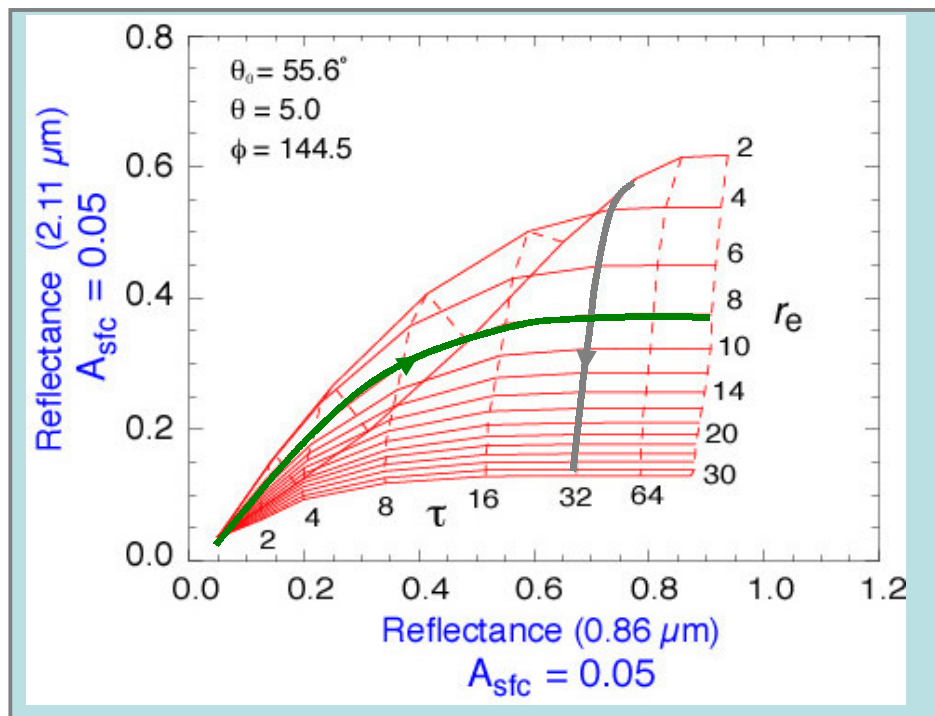


Curran and Wu, JAS,
39, p. 635-647, 1982.



Cloud optical, microphysical properties retrieval space example

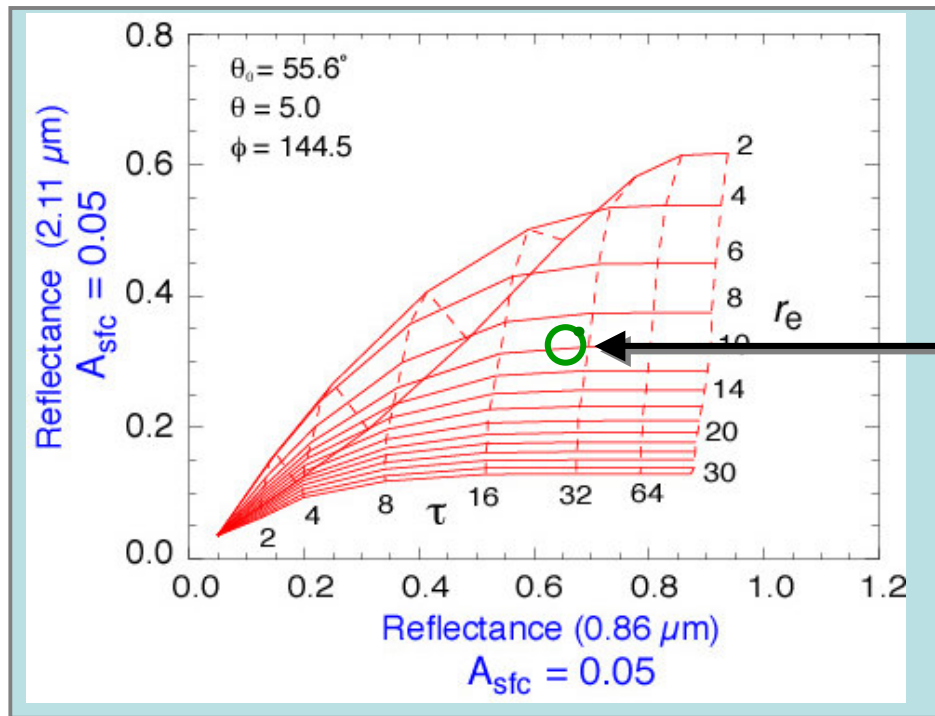


2.1 μm absorption increases with particle size, little effect at 0.86 μm

2.1 μm reflectance reaches limiting values with optical thickness

Liquid water cloud
ocean surface

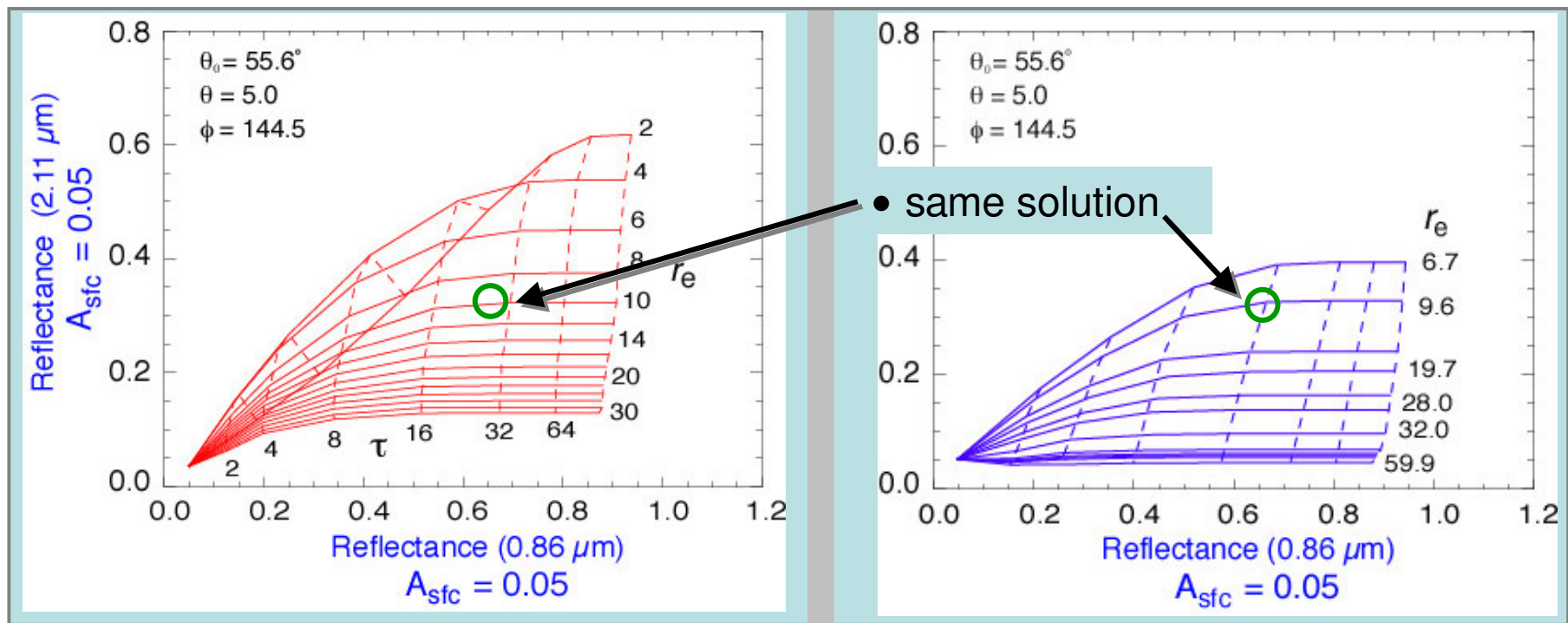
Cloud optical, microphysical properties retrieval space example



ex. reflectance measurement (+ uncertainty)

Liquid water cloud
ocean surface

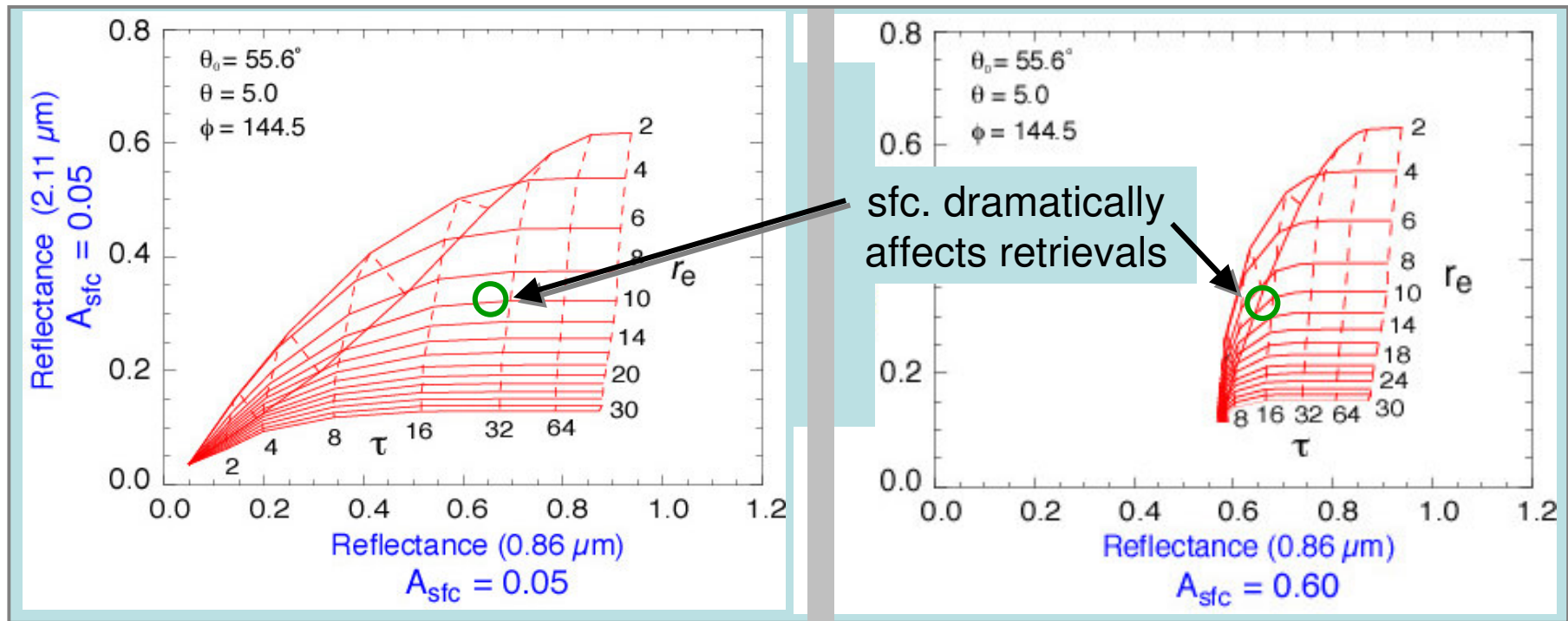
Cloud optical, microphysical properties retrieval space example



Liquid water cloud
ocean surface

Ice cloud
ocean surface

Cloud optical, microphysical properties retrieval space example



Liquid water cloud
ocean surface

Liquid water cloud
ice surface