$g = 0.8, 0.85, 0.9$
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

Liquid water cloud
ocean surface

ex. reflectance measurement (+ uncertainty)
Cloud optical, microphysical properties
retrieval space example
Cloud optical, microphysical properties

retrieval space example

Liquid water cloud
ocean surface

Liquid water cloud
ice surface

sfc. dramatically affects retrievals

\( \theta_0 = 55.6^\circ \)
\( \theta = 5.0 \)
\( \phi = 144.5 \)