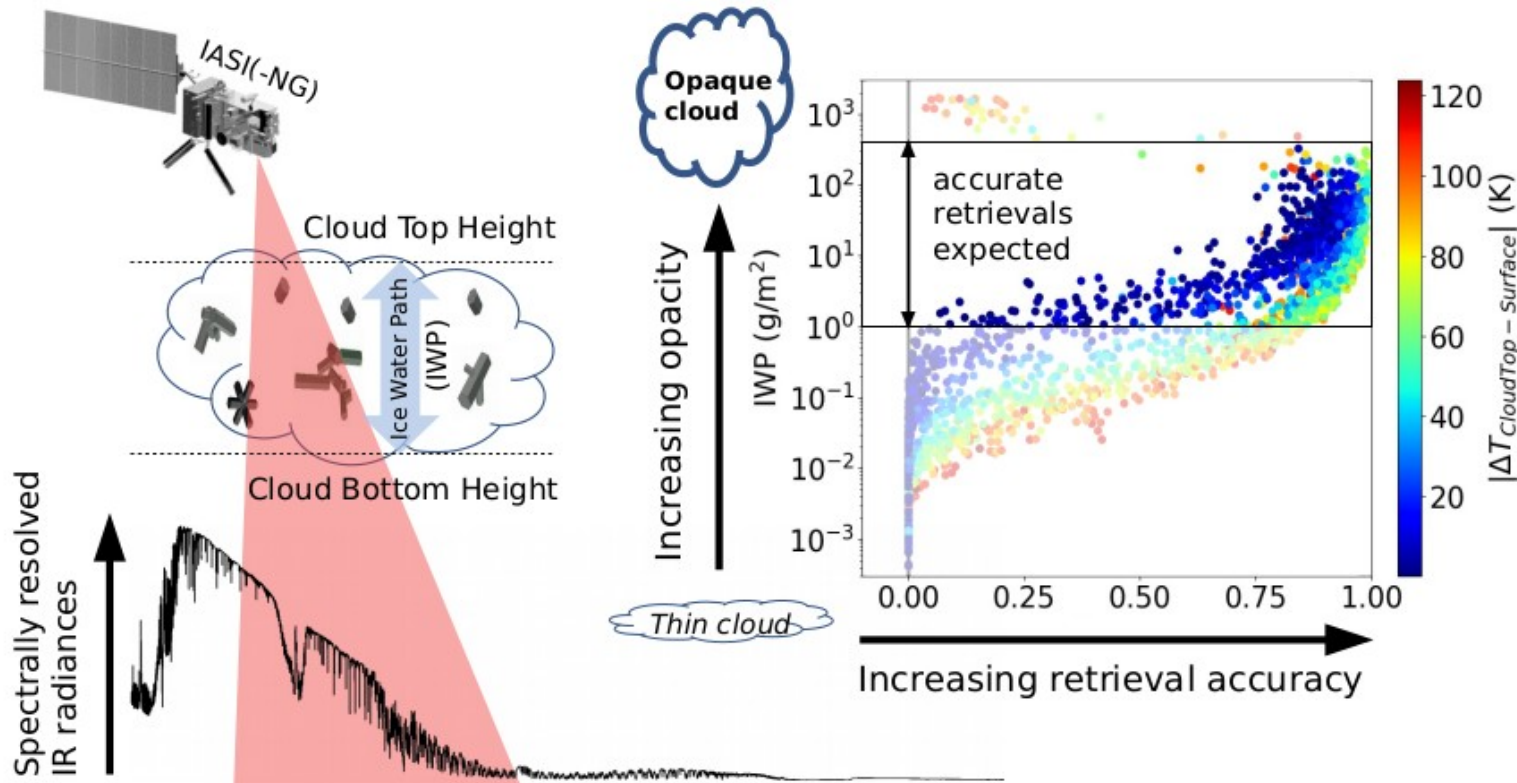


Ice cloud properties retrieval from high spectral resolution measurements in the infrared : an information content analysis

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Methods :

- Optimal estimation retrieval
- Fast radiative transfer RTTOV
- Baran and Labonnote (2007) microphysics
- Non-retrieved parameter errors accounted for

Data :

- ECMWF representative profile dataset (up to 4000 profiles)
- Single and multilayer cases
- IASI measurements