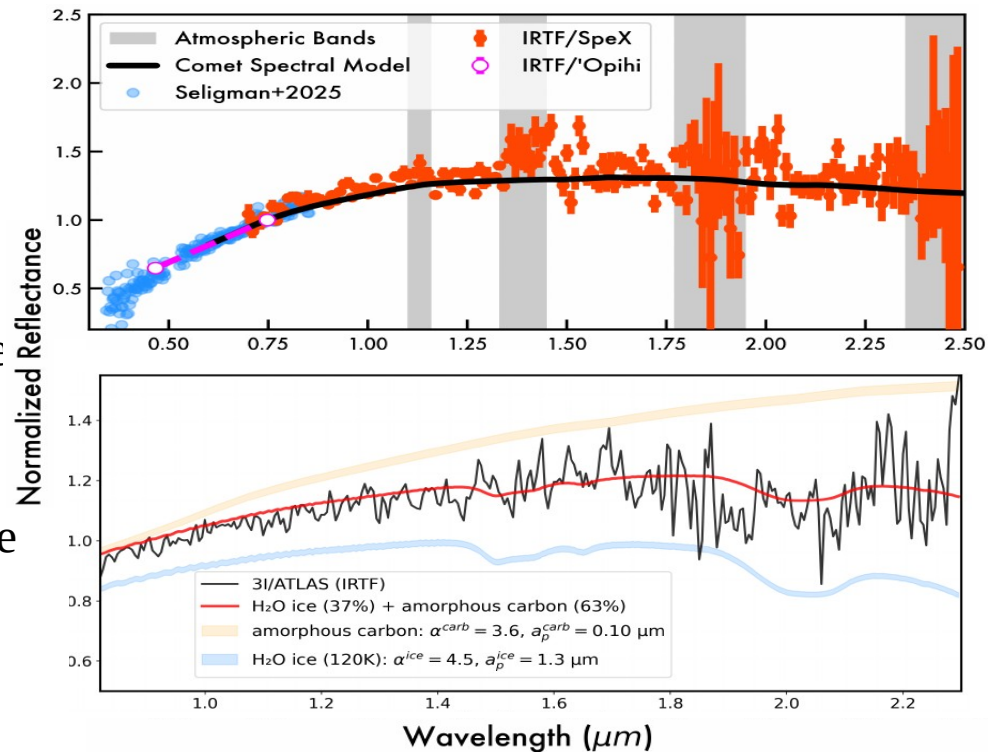


# Interstellar Comet 3I/ATLAS

Interstellar comet 3I/ATLAS observed with SpeX/Prism and `Opihi by several teams:

- *Kareta+, July 3+4*: rising in the visible (`Opihi), flat in the infrared (SpeX) due to grains **unusually small for comets and <7% ice**. No short term visible light variability: spherical nucleus?
- *Yang+, July 14*: flattening due to  $\sim 1 \mu\text{m}$  carbon/ice mixture with  $\sim 37\%$  ice volume: **an icy comet**.
- *Lisse+, August 11*: SpeX spectrum used to check **calibration SPHEREx** space spectrophotometry. Ice confirmed by deep  $3 \mu\text{m}$  band. **Ice signatures strengthening over time?**
- More observations planned in 2025 and 2026.



*Kareta+, ApJL 990, 65, 2025; Yang+, ApJL 992, 9, 202; Lisse+, RNAAS 9, 242, 2025*