



Photochemical Studies of IO and OIO

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Both IO and OIO have been observed in the marine boundary layer. Uncertainties related to their photochemistry precludes accurate assessment of their role in e.g. O₃ depletion and new particle formation. In the present study, we report absorption cross sections and photolysis quantum yields obtained using pulsed laser radical generation and photolysis. Transient absorption spectroscopy and resonance fluorescence detection techniques were employed. This work was carried out within the framework of the THALOS project.