

ROVIBRATIONAL SPECTRUM OF THE Ar-NO COMPLEX IN 5.3 μm REGION

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The rovibrational spectrum of the open-shell complex Ar-NO was recorded in the 1870-1892 cm^{-1} range with a segmented rapid-scan pulsed supersonic jet infrared absorption spectrometer based on distributed-feedback quantum cascade lasers. Four b-type subbands were observed. The progress on the rotational analysis will be presented.