



The Altitude Variation of the Ratio of the OH A-X 0-0 and 1-1 Bands in the Dayglow

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The mesospheric OH A-X 0-0 band at 309 nm is observed in solar resonance fluorescence by the OSIRIS spectrograph on Odin. The much weaker 1-1 band at 314 nm is also observed by OSIRIS. The observed ratio of these two bands as a function of altitude is presented. Vibrational energy transfer rates are investigated and compared with model predictions.