



**FIGURE 2**

A portion of the medium-resolution spectrum of the visible  $B \leftarrow X$  iodine absorption spectrum with assignments for the overlapping progressions for  $v'' = 0, 1, 2$ . The upper-state  $v'$  values are indicated at the estimated band-head positions on the short-wavelength side of each transition; the band maxima are at the top of the figure.