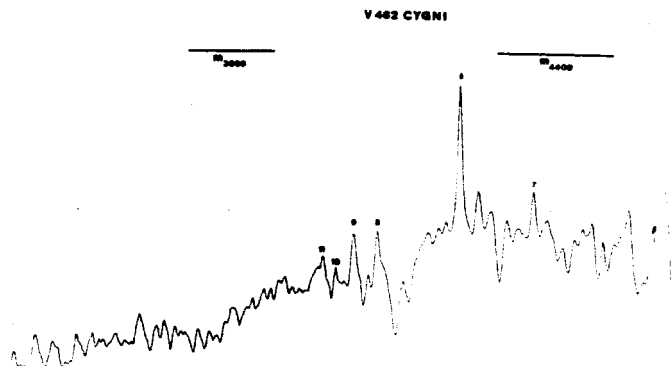


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V 462 CYGNI

The variable star V 462 Cygni was observed on objective-prism Ila0 plates obtained on July 27, 1971 with the 60/90/183 cm, 4° prism (350 Å/mm at H Gamma) Schmidt telescope at Campo Imperatore. The spectrum (see figure) is typical of a long period variable near maximum light. The spectral type is M7 or M8 with H Gamma to H<sub>11</sub> in emission. Hδ is the strongest line with an equivalent width of 6.5 Å. The star displays a strong ultraviolet excess. The following magnitudes were measured from the tracings:  $m_{3600} = 10.3$  (uncertain)  $m_{4400} = 11.8$ . W.P. Bidelman kindly informed us that on the Warner and Swasey Observatory infrared plates it appears as a star of probably M7 spectral type. We acknowledge P.J. Treanor S.J. for helpful discussions.



Smoothed Intensity Tracing of V 462 Cyg

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