

Gaseous Jets of P/Hartley 2

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CCD imaging observations of P/Hartley 2 were carried out with 188cm reflector on August 12-15 1991. Four narrow-band filters were used for C_2 , CN emissions and their corresponding continuum. After processing their images carefully by applying azimuthal enhancement technique, we obtained asymmetric coma structure as shown in Fig. 1. Furthermore, we found a difference in radial profiles between the enhanced region of coma and the background. These results indicate an existence of gaseous jets of C_2 and CN components in P/Hartley 2. We discuss about the structure of the gaseous jets in this paper.

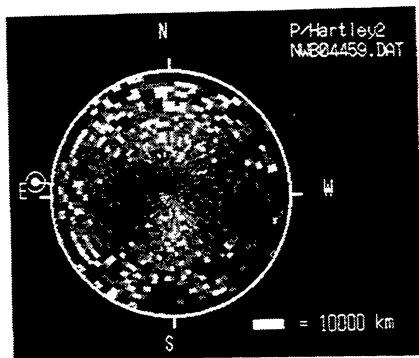


Fig.1-1 Processed image of C_2 .

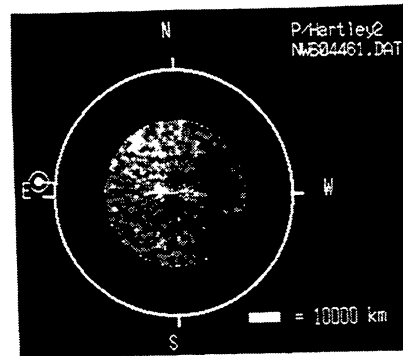


Fig.1-2 Processed image of CN.

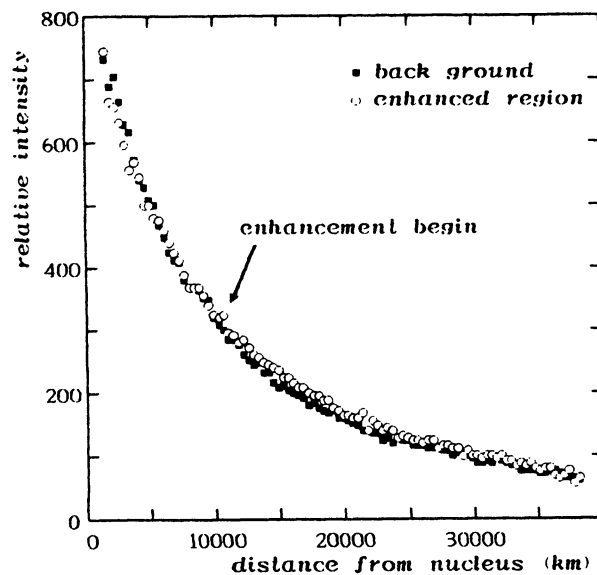


Fig. 2-1 Radial profile of C_2 .

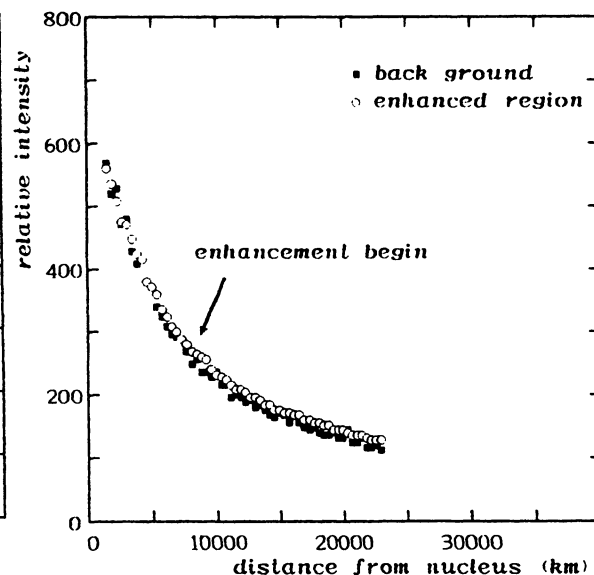


Fig. 2-2 Radial profile of CN.

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