

# **Meteor Orbits – Selection Criteria.**

## **II. Example of a Narrow Meteor Stream Analysis**

**J. Klačka, Š. Gajdoš**

*Astronomical Institute,  
Faculty of Mathematics and Physics, Comenius University  
Mlynská dolina, 842 48 Bratislava, Slovak Republic*

Meteor stream membership criteria are applied to a narrow meteor stream. The methods developed in Klačka (1999, submitted to Astron. Astrophys.) are applied to real data taken from The IAU Meteor Data Center in Lund. Various forms of areas in a phase space of orbital elements (and combinations of orbital elements) are taken into account. The results are compared and discussed. As a special case, the set of bolid meteors is found and investigated for the meteor stream.

Comparison of the methods of classifications for broad and narrow streams are discussed.