

Comparative analysis of meteor shower observations processed by three different methods

Belkovich O., Ishmukhametova M., Suleymanov N.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Comparison of results of meteor shower observations obtained and processed by different methods is the best way to check reliability the methods themselves. The main condition for comparisons is the reduction of flux densities to one minimal mass and then the profiles of shower flux densities and mass exponent S as functions of solar longitudes can be obtained. Two meteor showers - Quadrantids and Geminids were chosen to check accuracy's of one methods of processing of visual and two ones of radar observations worked out at the Engelhardt Astronomical Observatory.
