

DEVELOPMENT OF MEASUREMENT SYSTEM FOR HEAVY PRIMARIES IDENTIFICATION WITH USE OF SCREEN TYPE X-RAY FILMS IN RUNJOB EXPERIMENT

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In 6 out of 10 succesful balloon flights of RUNJOB collaboration the emulsion chambers comprised screen type X-ray films (SXF), aimed to detect and to identify vertex points of heavy nuclei interactions with low energy threshold. Intensity of tracks in SXF occured to be very high. Here we present the reliable and effective procedure of solution of the problem in this case. It gives the possibility to obtain in future the spectrum of heavy nuclei with low threshold in wide energy range using large exposure of RUNJOB experiment.