

SOME DIGITIZATIONS FROM ARGONNE 12' BC ON SRS

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A first test has been performed to measure on film from BC with light tracks on dark background.

An inversion and a bias of the PM-tube-current is introduced to get voltage-levels and peaks acceptable for the A.G.C. (Fig. 1). Fig. 2-5 shows some examples of track configurations and corresponding R- θ -plots. The events are scanned out to ≈ 2 cm on the film. Slit dimensions in this test was $700 \times 80 \mu$ and the pulse-acceptance-criteria had to be set very sensitive to detect the tracks and therefore also much noise is detected.

By selecting a longer and narrower slit and making some adaptations of the A.G.C. it seems possible to measure this sort of film on S.R.S.

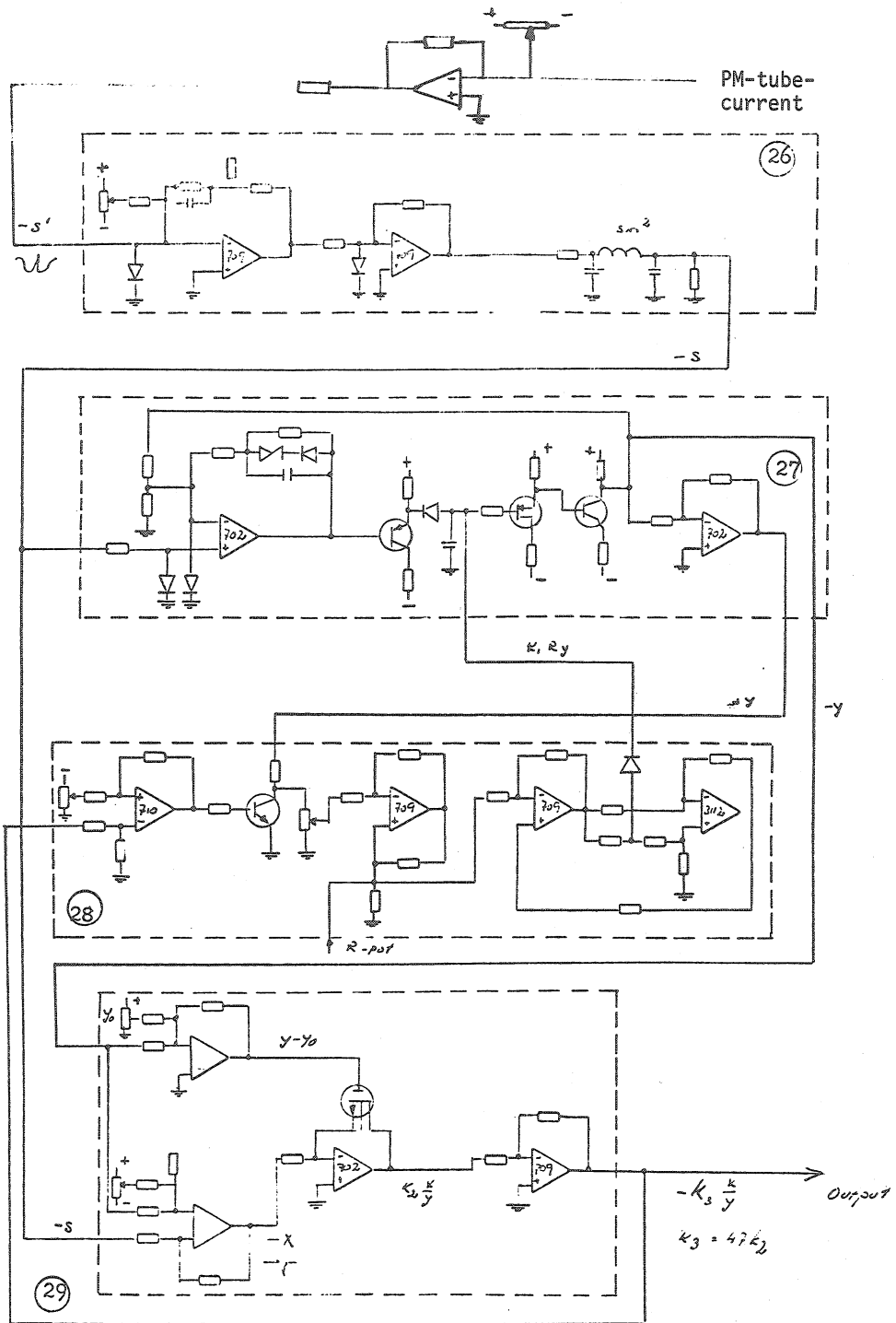


Fig. 1

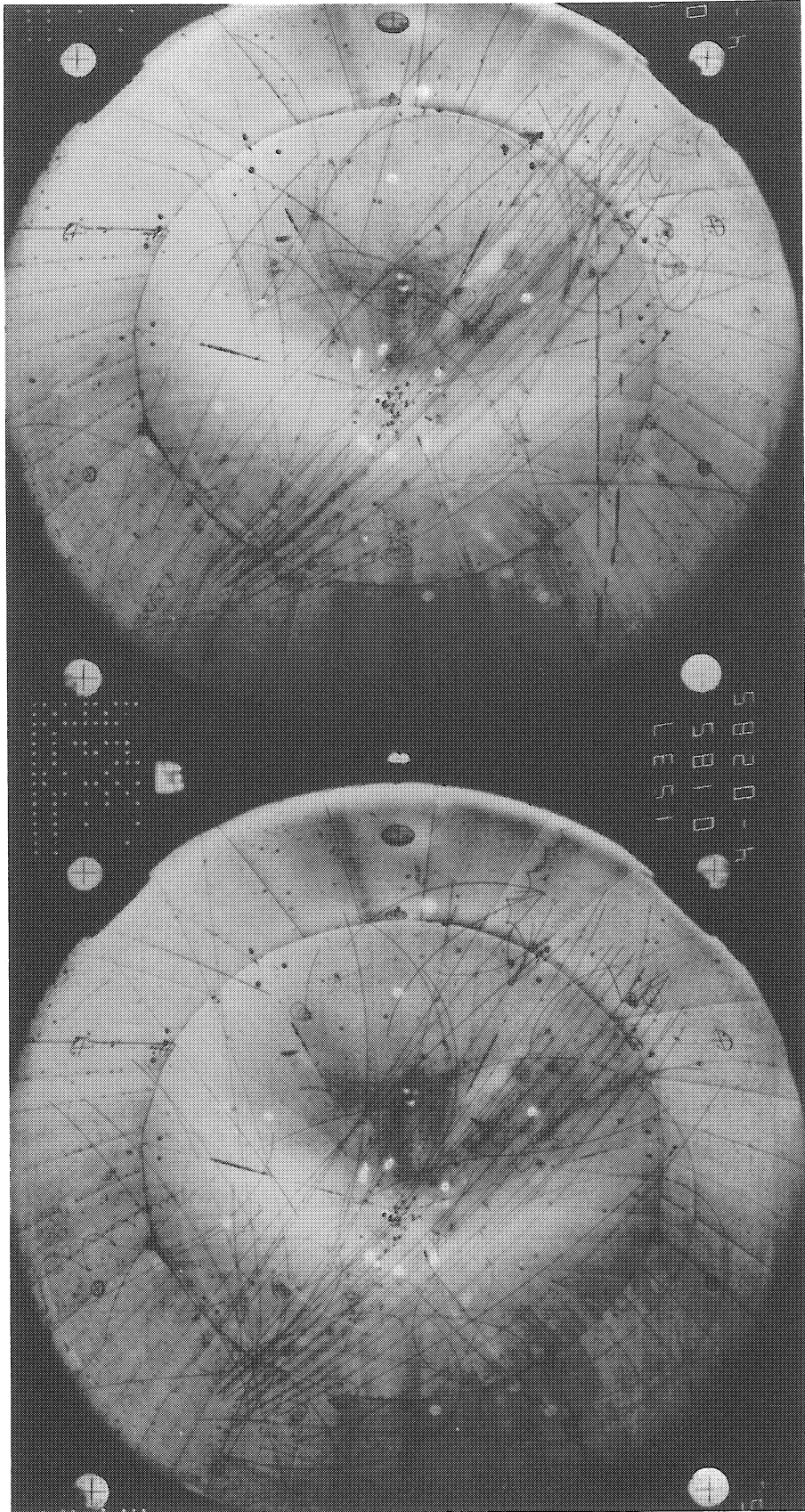


Fig. 2

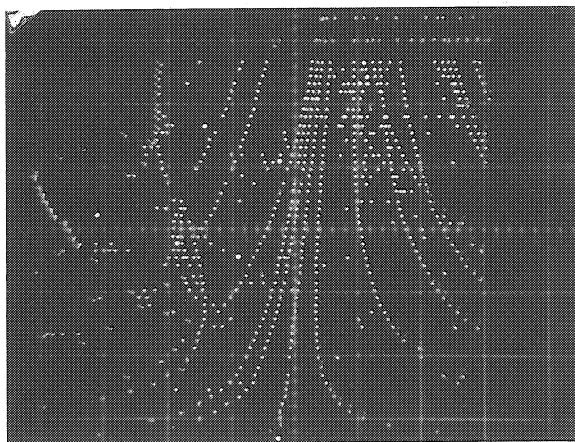
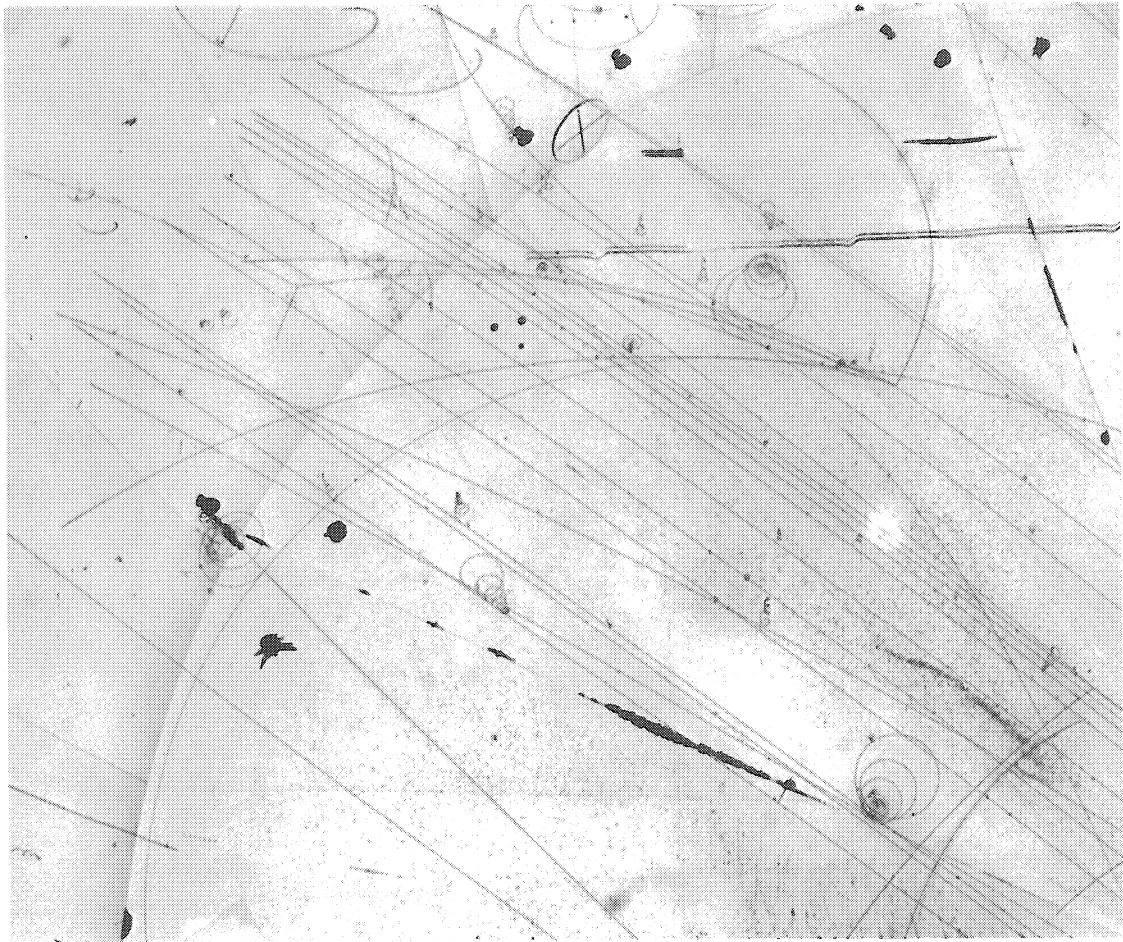


Fig. 3

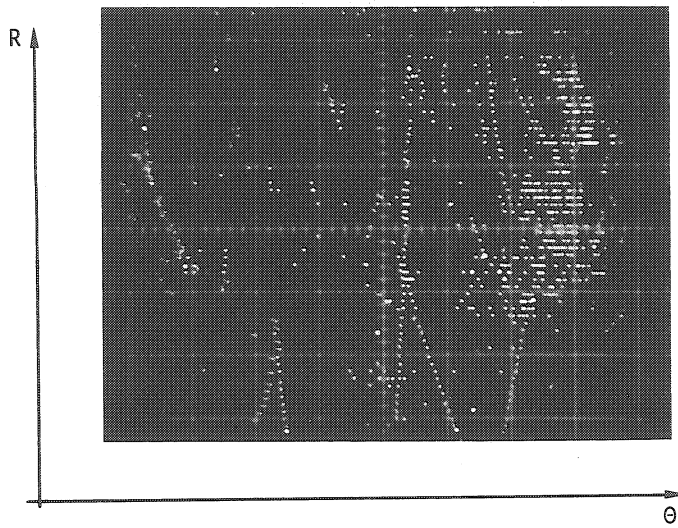
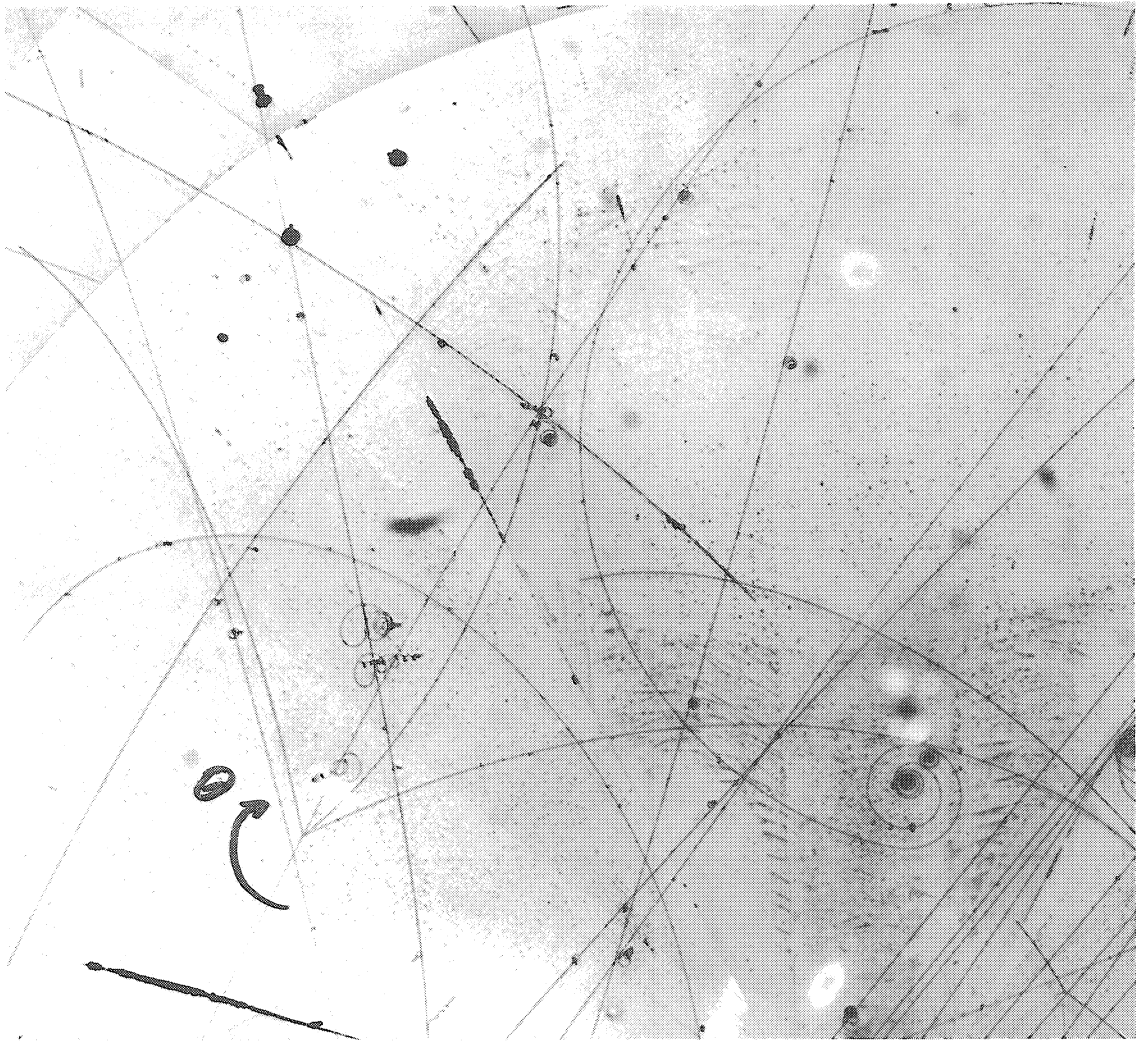


Fig. 4

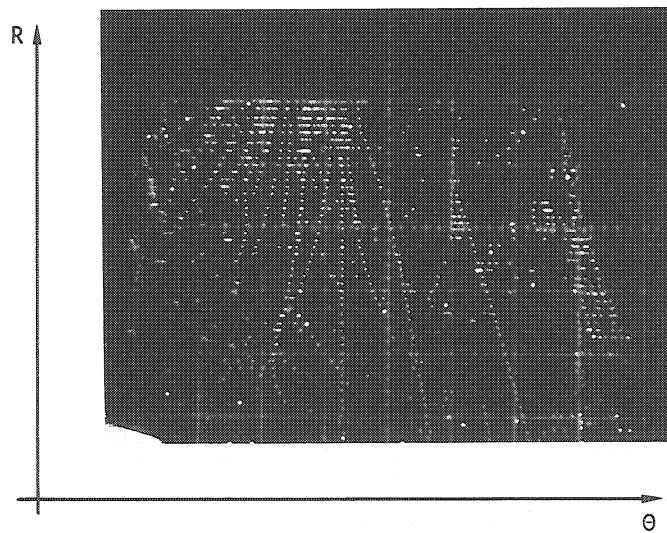
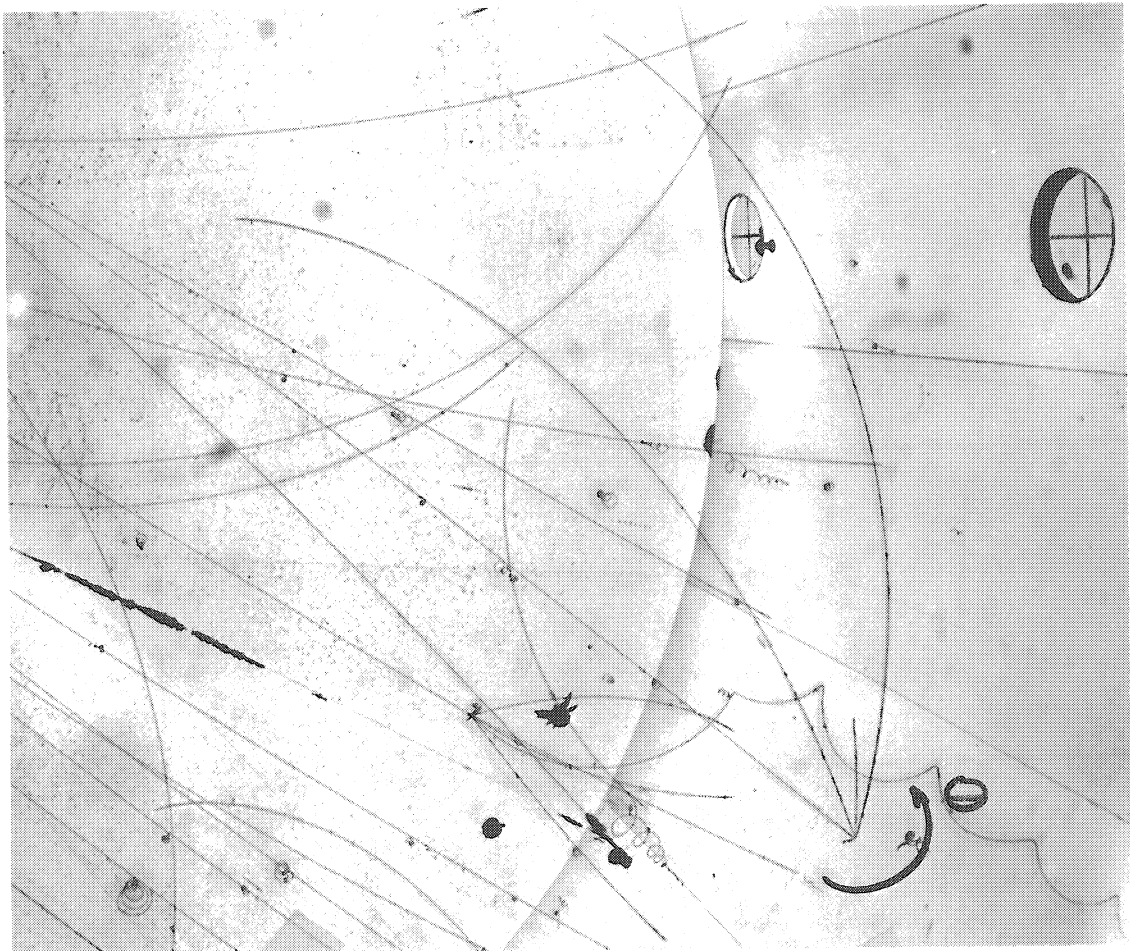


Fig. 5