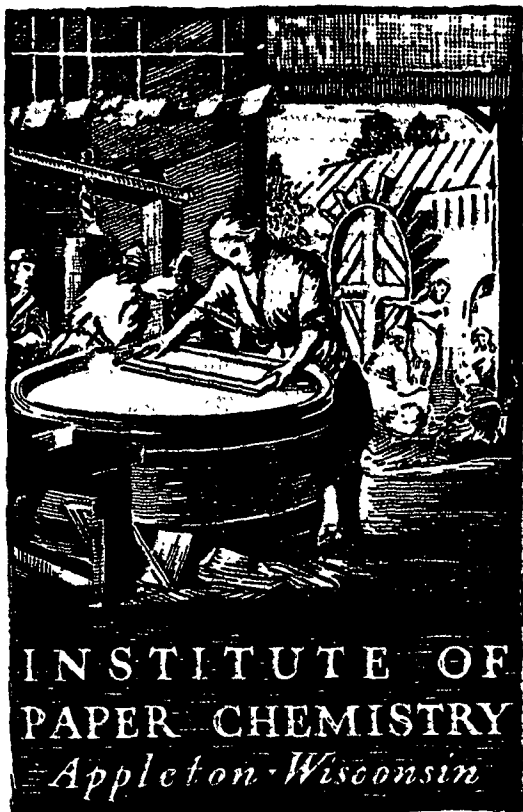


Institute of Paper Science and Technology
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PRODUCTION DATA REPORT

✓ Project 1108-B

Supplementary Report Seven

to

FOURDRINIER KRAFT BOARD INSTITUTE, INC.

August 13, 1954

Appleton, Wisconsin

PRODUCTION DATA REPORT

The production data contained herein represent the production of linerboard as reported by the following Fourdrinier Kraft Board Institute member mills for the second quarter of 1954:

The Brown Paper Mill Co., Inc.

The Chesapeake Corporation of Virginia

Continental Can Company, Inc.

Gaylord Container Corporation

International Paper Company

Macon Kraft Company

National Container Corporation

St. Regis Paper Company

St. Joe Paper Company

Southern Paperboard Corporation

Union Bag and Paper Corporation

West Virginia Pulp and Paper Company

As in previous reports, the data have been tabulated according to (1) total production by quarters and (2) production by grades by quarters.

The total production for the second quarter of 1954 is given in Table I and graphically illustrated in Figure 1. The total production for the previous four quarters is also included in Table I and Figure 1 for comparison. The production by grades per quarter may be seen in Table II together with the corresponding tonnage for the

previous four quarters. In addition, percentage production by grades is given in Table III for the current quarter and the previous four quarters. These figures are based on the total production per quarter computed separately with the miscellaneous figure included and with the miscellaneous figure excluded. The major tonnage grades—namely, 26-lb., 33-lb., 38-lb., 42-lb., 47-lb., 69-lb., 90-lb., and miscellaneous are illustrated in Figures 2 through 9, respectively, together with the production for the previous four quarters.

In order to give a better perspective of the above data, the tonnages for the major grades have been plotted on a semi-logarithmic scale (see Figure 10) for the purpose of comparing the rate of change in production of these grades. The advantage of semi-log graphs in this case is that the rate of change may be compared readily even though the magnitude of the tonnage level may be vastly different. The rate of change is denoted by the slope of the line or curve and, on semi-log graphs when two lines are parallel (regardless of magnitude), the rate at which these two items are changing is the same. When two lines are not parallel, the one with the greater (steeper) slope is changing at the faster rate.

There are a number of comparisons which may be of interest. These are as follows:

1. The total production increased from 721 thousand tons (first quarter, 1954) to 771 thousand tons or an increase of approximately 6.9 per cent based on the lower tonnage.

2. Compared to the first quarter of 1954, the production of all major grades increased during the second quarter.

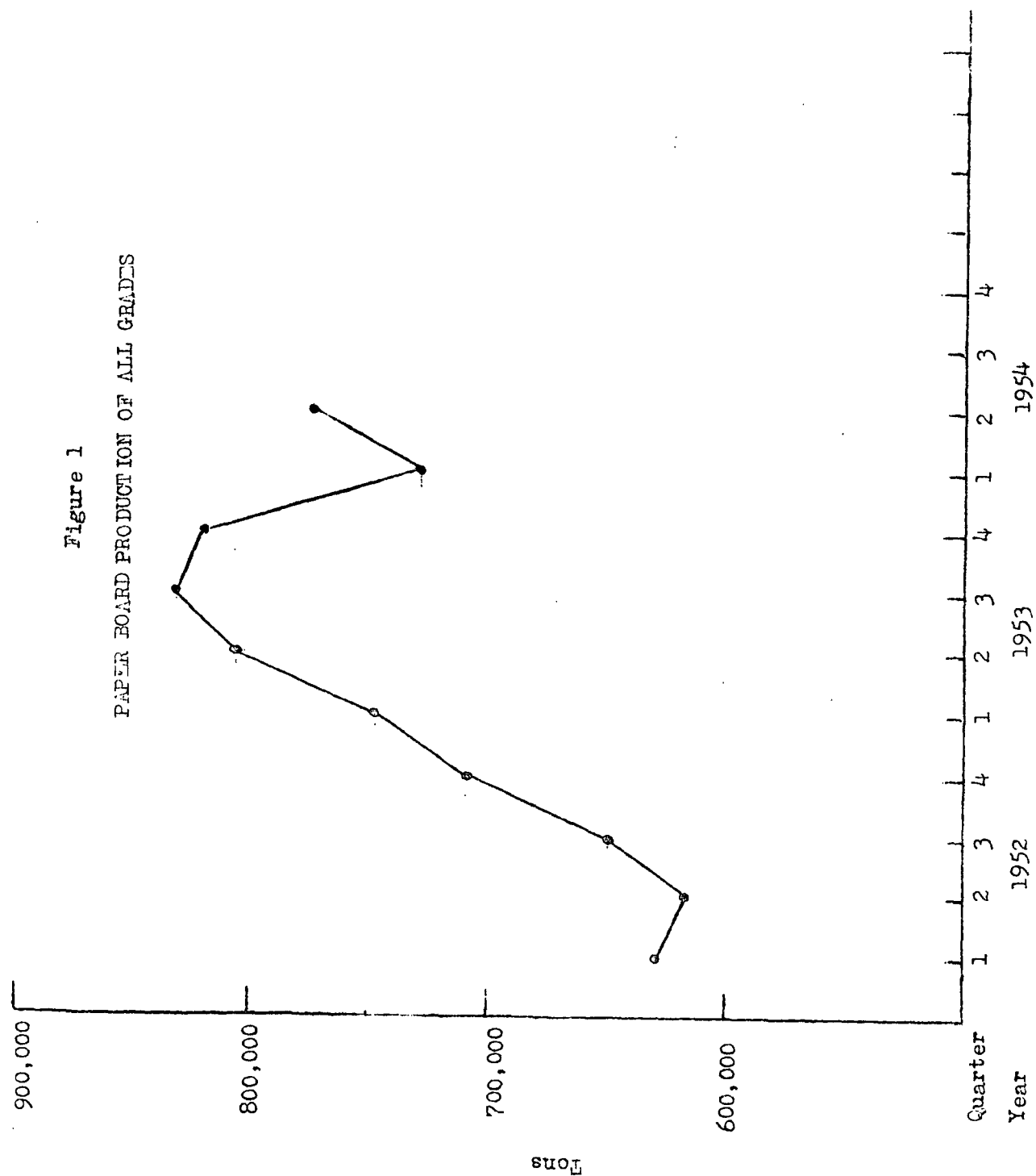
3. The Miscellaneous tonnage constituted 11.3 per cent of the total tonnage for the first quarter of 1954 and only 7.8 per cent for the second quarter.

4. For the purpose of comparing the areas of tonnage change, the average quarterly tonnage by grades for 1953 and the first two quarters of 1954 have been tabulated in Table IV. On the basis of the 1953 quarterly averages, the major grade tonnages for the first two quarters of 1954 are lower with the exception of these grades: 26-lb., 38-lb., and Miscellaneous.

TABLE I

TOTAL PRODUCTION OF ALL GRADES

	Total Tonnage
1953	
2nd quarter	805,898
3rd quarter	831,485
4th quarter	818,379
1954	
1st quarter	720,954
2nd quarter	770,597



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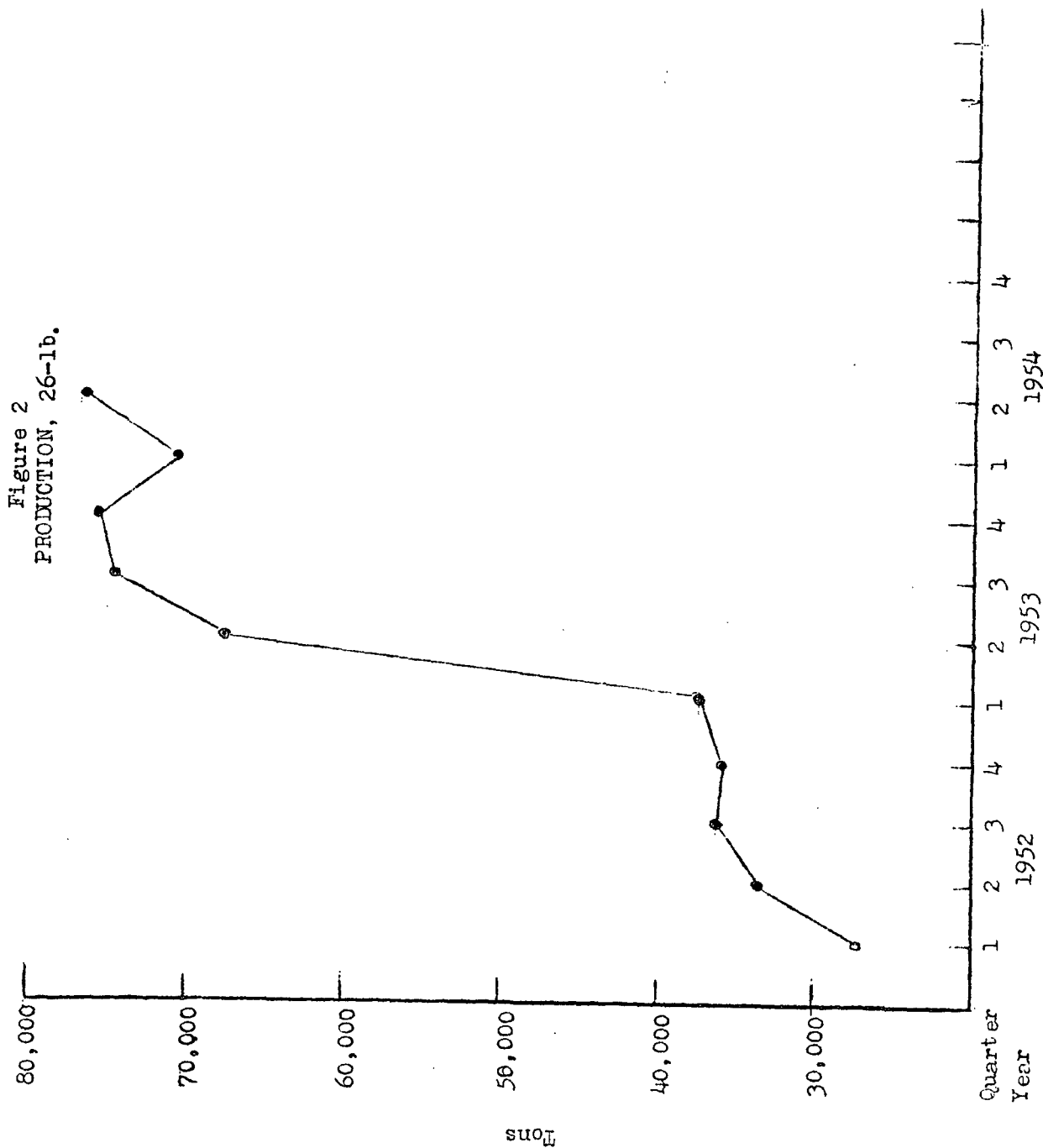
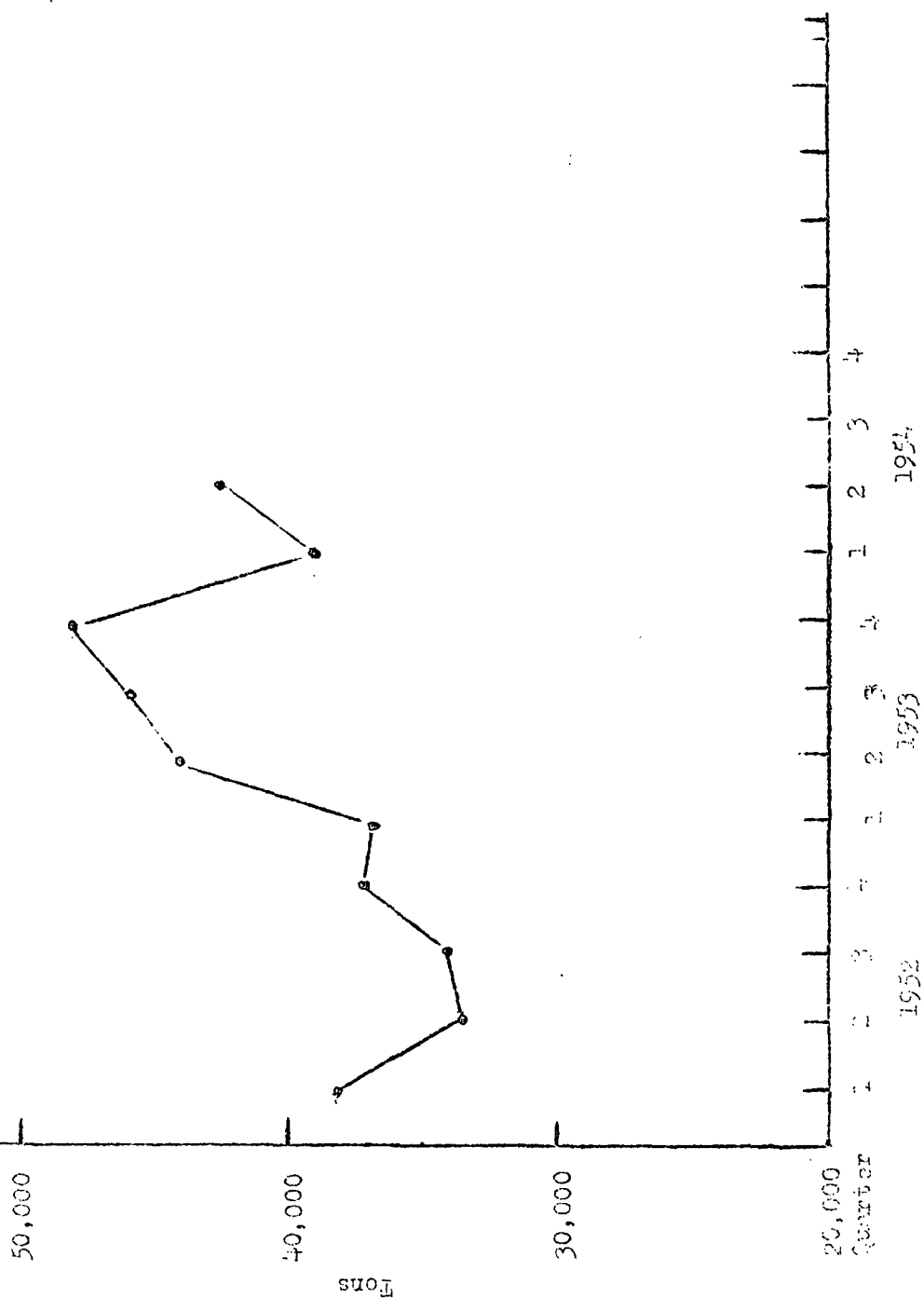


Figure 3
PRODUCTION, 33-1b.



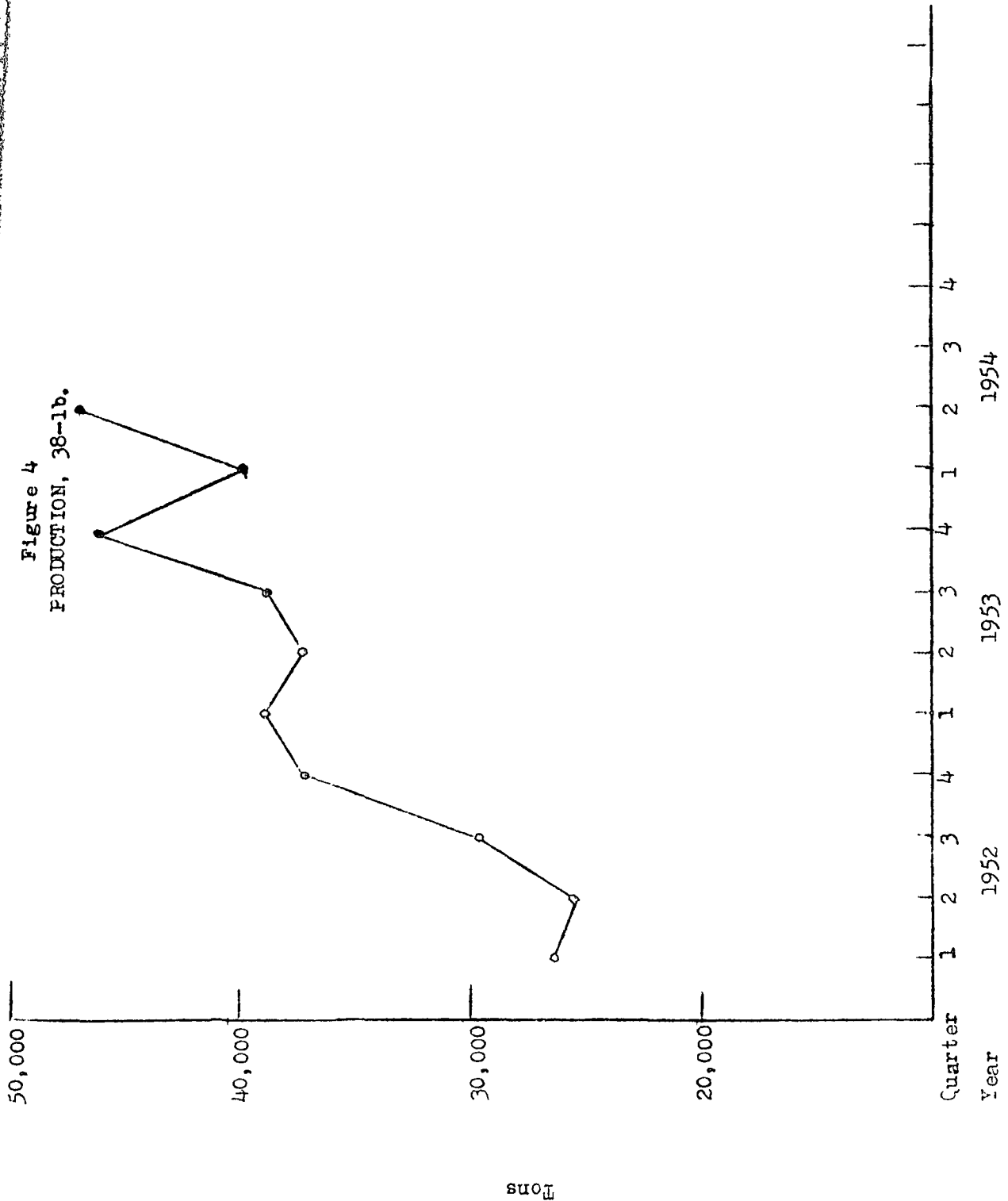
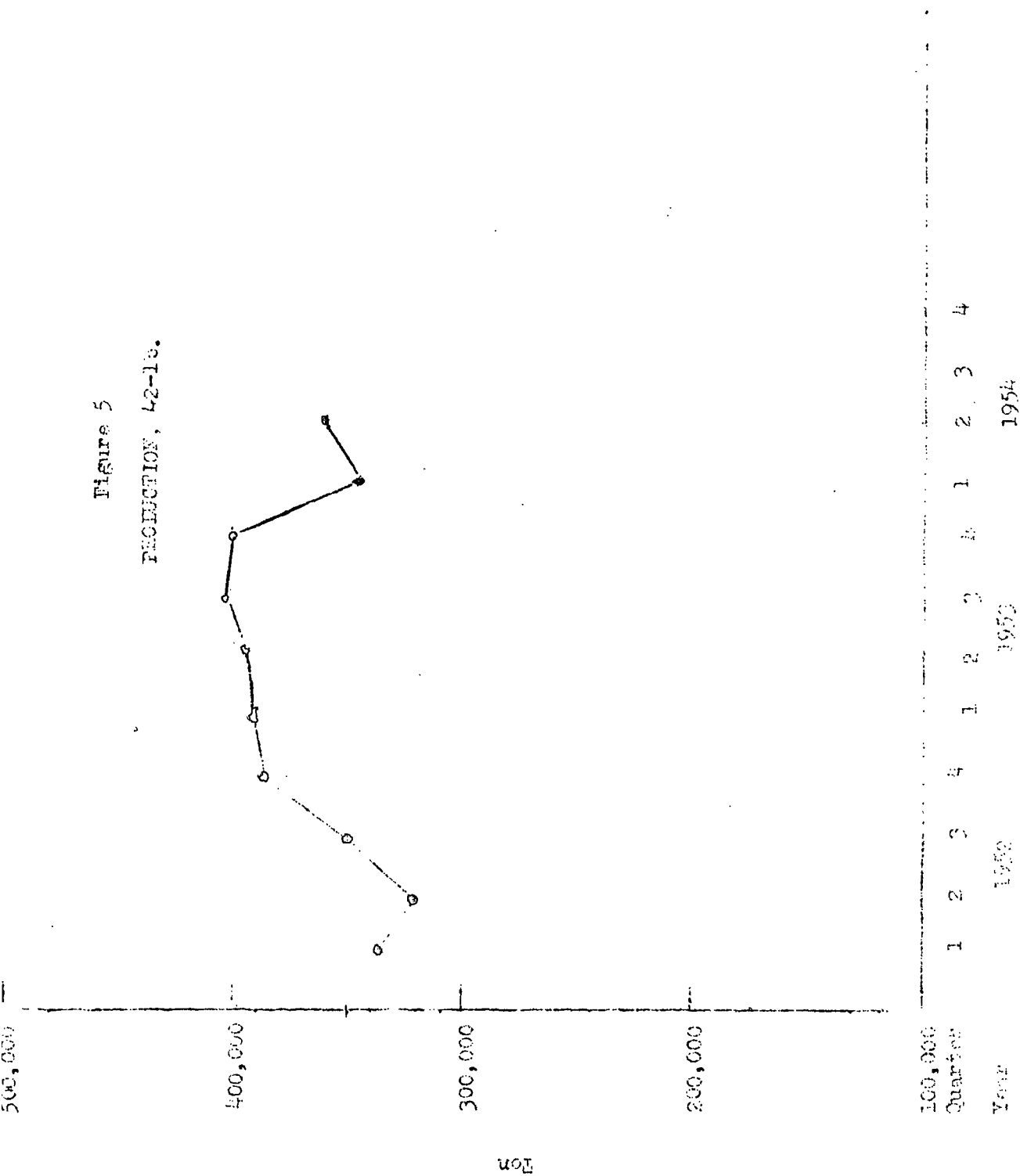


Figure 5
PRODUCTION, 42-18.



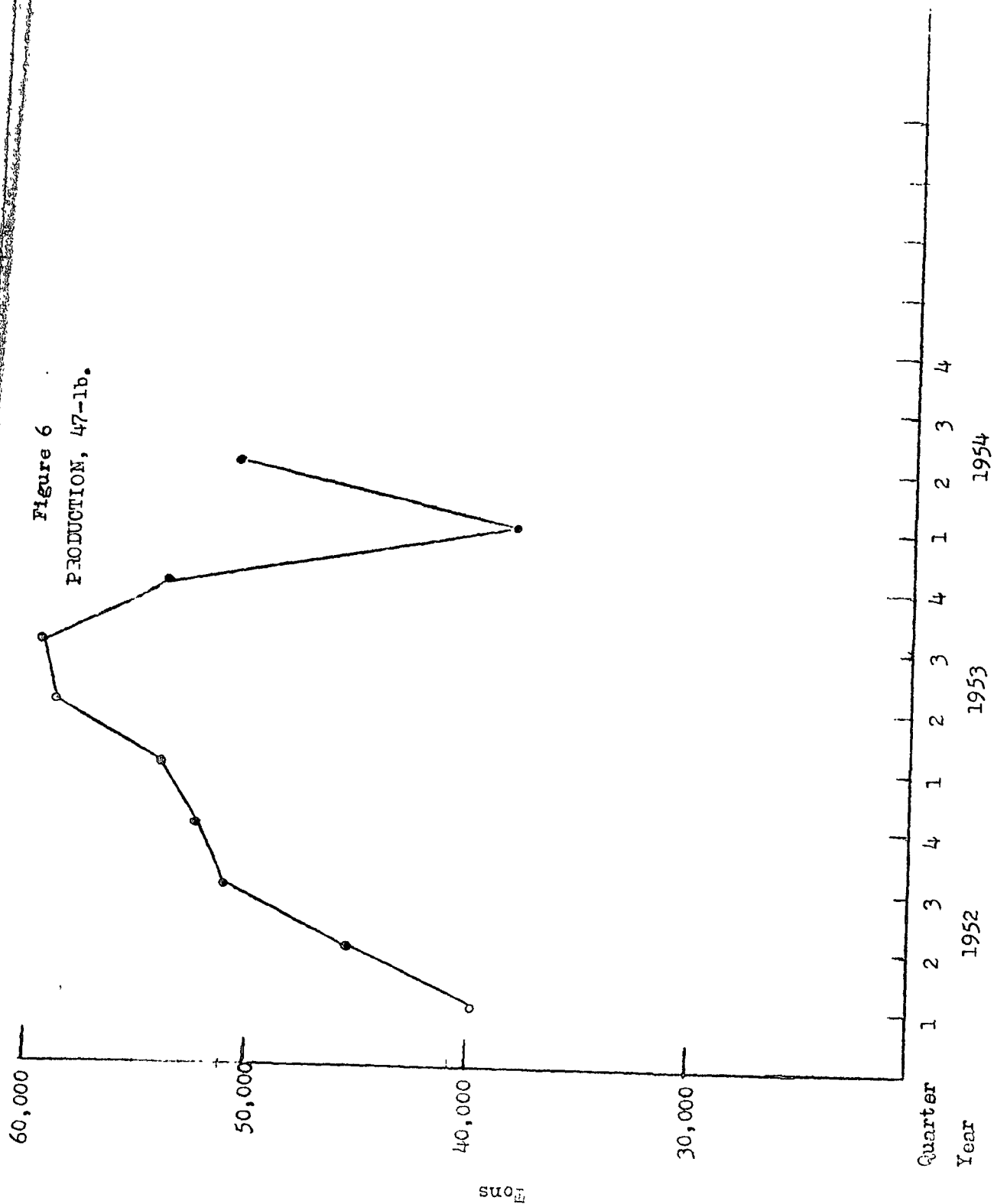


Figure 7
 PRODUCTION, 63-1.

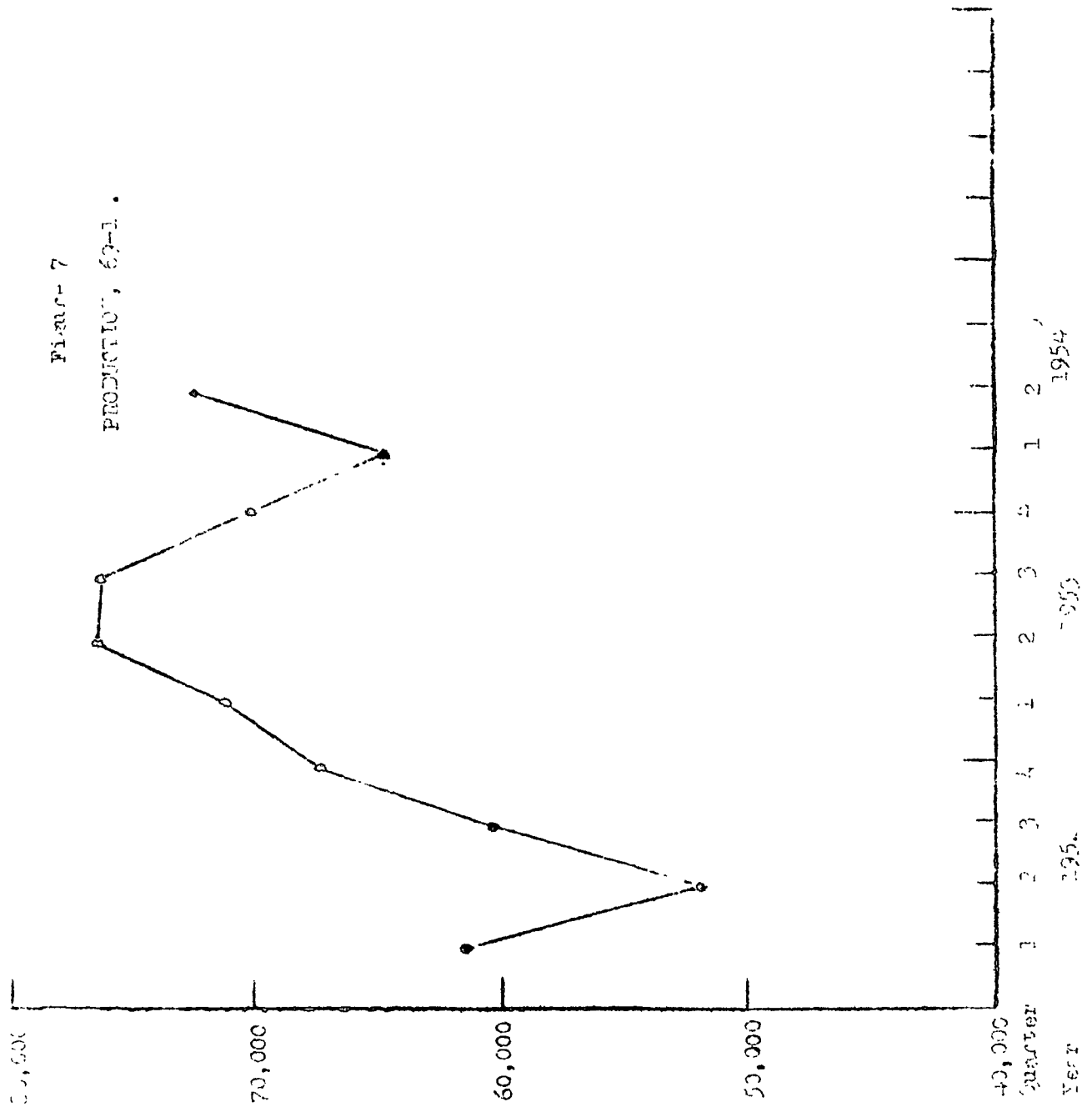


Figure 8
PRODUCTION, 90-lb.

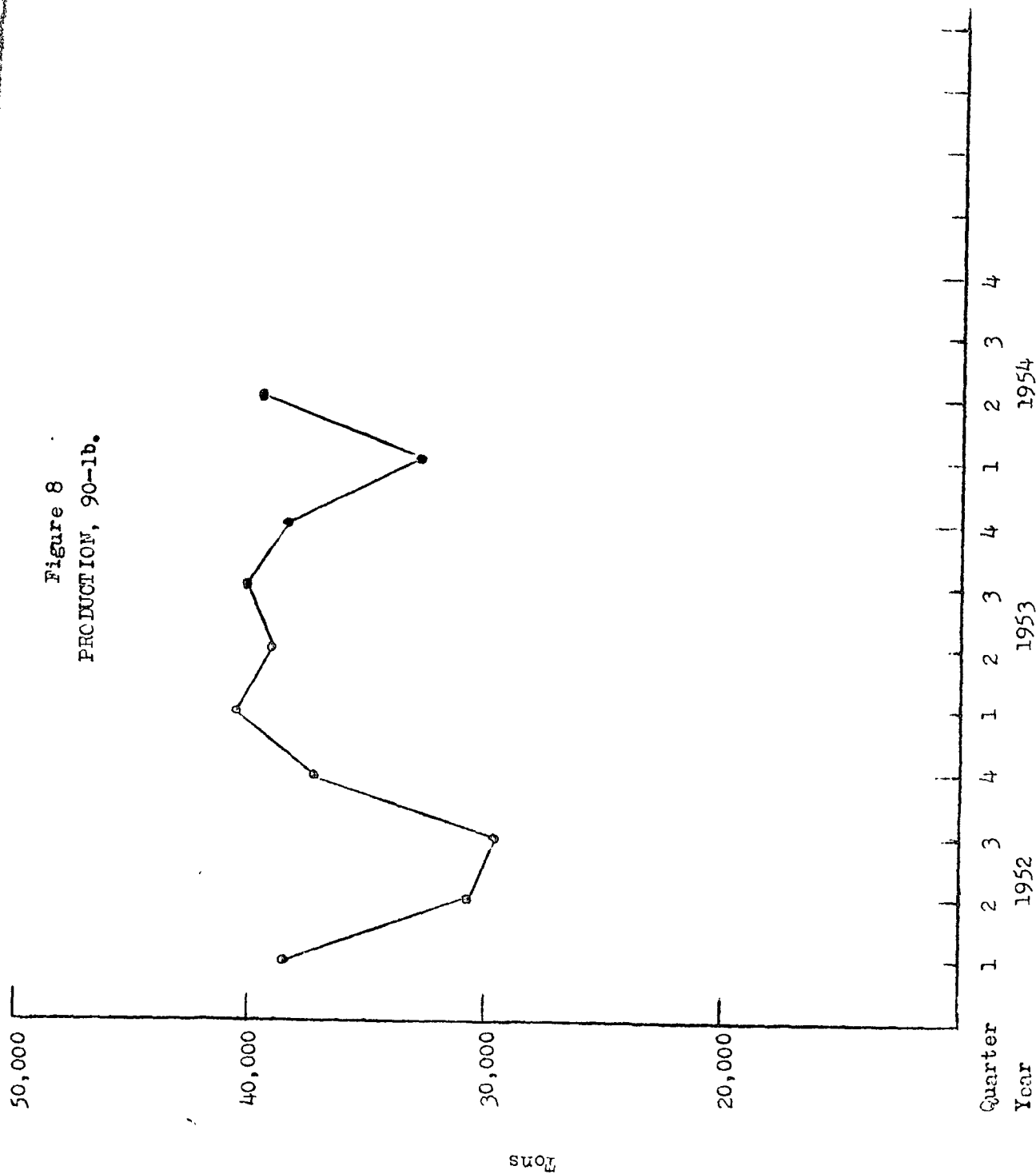


Figure 9
PRODUCTION, Miscellaneous

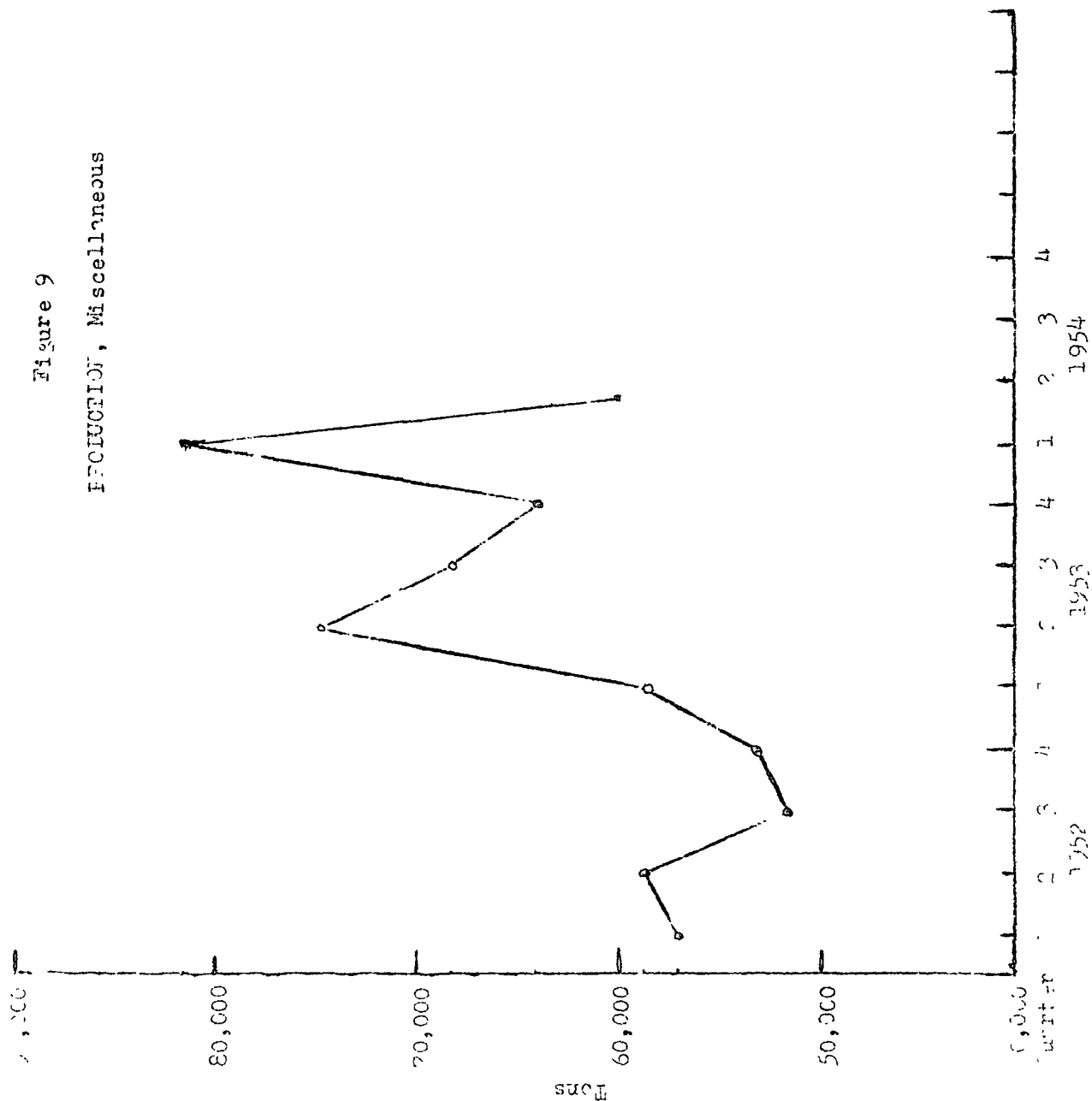
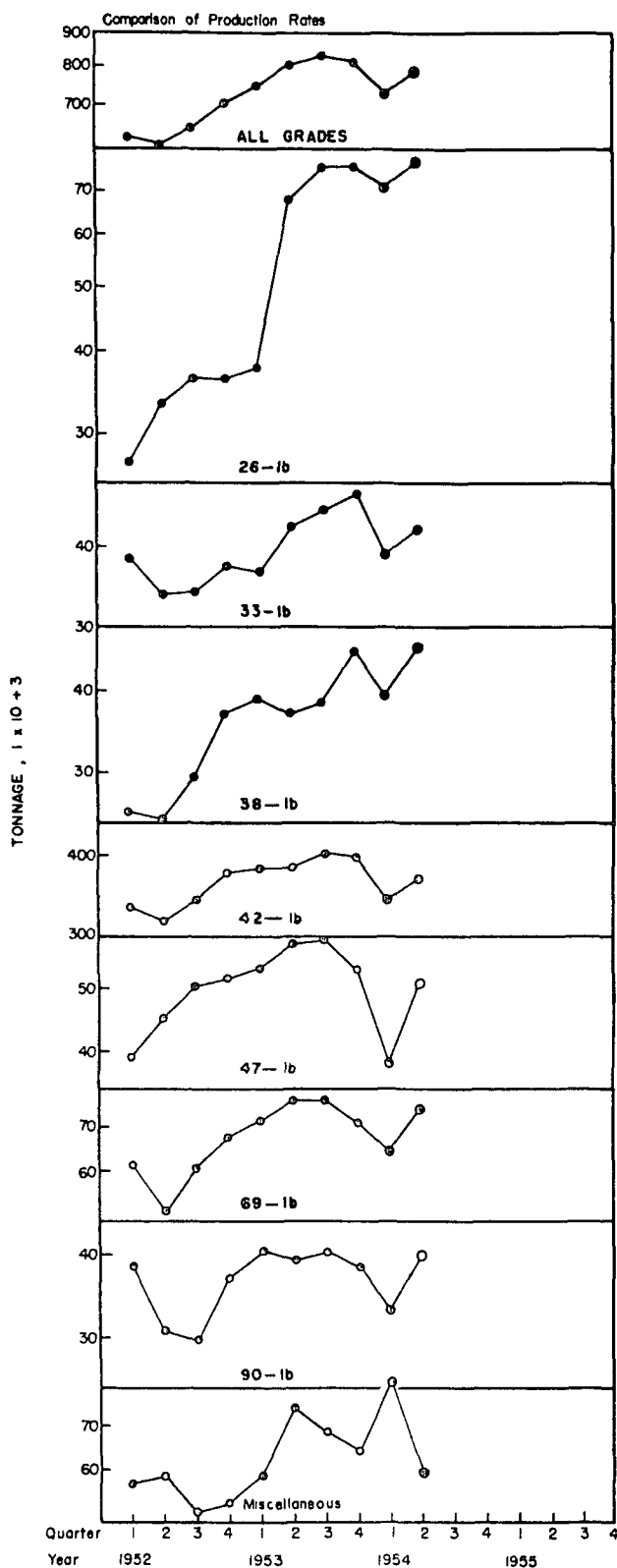


Figure 10



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