Schlumberger

HIGH RESOLUTION TEMPERATURE

COMPANY E.G. AND G. IDAHO INC.

WELL INEL #1

FIELD GEO/EXPLORATION

COUNTY BUTTE STATE IDAHO

LOCATION

API SERIAL NO. | SEC. 1 | TWP 3N | RANGE 29E

Other Services:

Permanent Datum: GROUND LEVEL ; Elev.: 4874.8
Log Measured From GROUND LEVEL Ft. Above Perm. Datum
Drilling Measured From GROUND LEVEL

Elev.: K.B. --
D.F. --
G.L. 4874.8

Date	5-16-79			
Run No.	ONE			
Depth—Driller	10333			
Depth—Logger (Schl.)	10241			
Btm. Log Interval	10230			
Top Log Interval	3300			
Casing—Driller	13 5/@ 3559	@	@	@
Casing—Logger	--			
Bit Size	12 1/4			
Type Fluid in Hole	WATER			
Dens. / Visc.	-- / --			
pH / Fluid Loss	-- / -- ml	ml	ml	ml
Source of Sample	--			
Rm @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	-- / --			
Rm @ BHT	-- @ -- °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	--			
TIME Logger on Bottom	--			
Max. Rec. Temp.	2515 °F	°F	°F	°F
Equip. / Location	5766 / EVSTN			
Recorded By	CHRISTENSEN & VRANISH			
Witnessed By Mr.				

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

COUNTY BUTTE
FIELD GEO/EXPLORATION
LOCATION 1-3N-29E
WELL INEL #1
COMPANY E.G.& G. IDAHO INC.

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS:

Run No.	ONE
Service Order No.	66011
API Serial No.	
Fluid Level	

EQUIPMENT DATA

PPU 762
PRU 781
PCU 781

CALIBRATION DATA

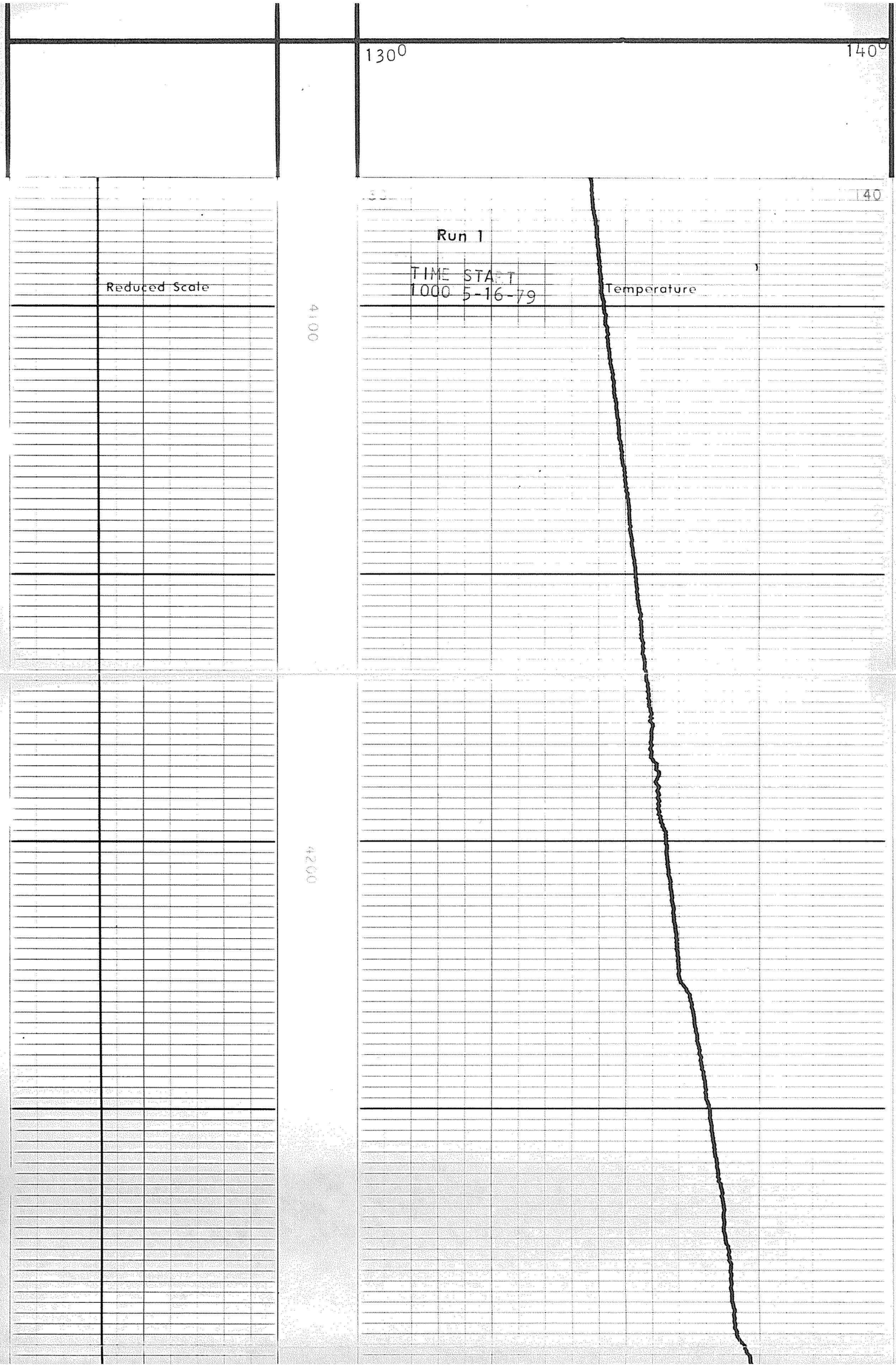
Speed - F.P.M.

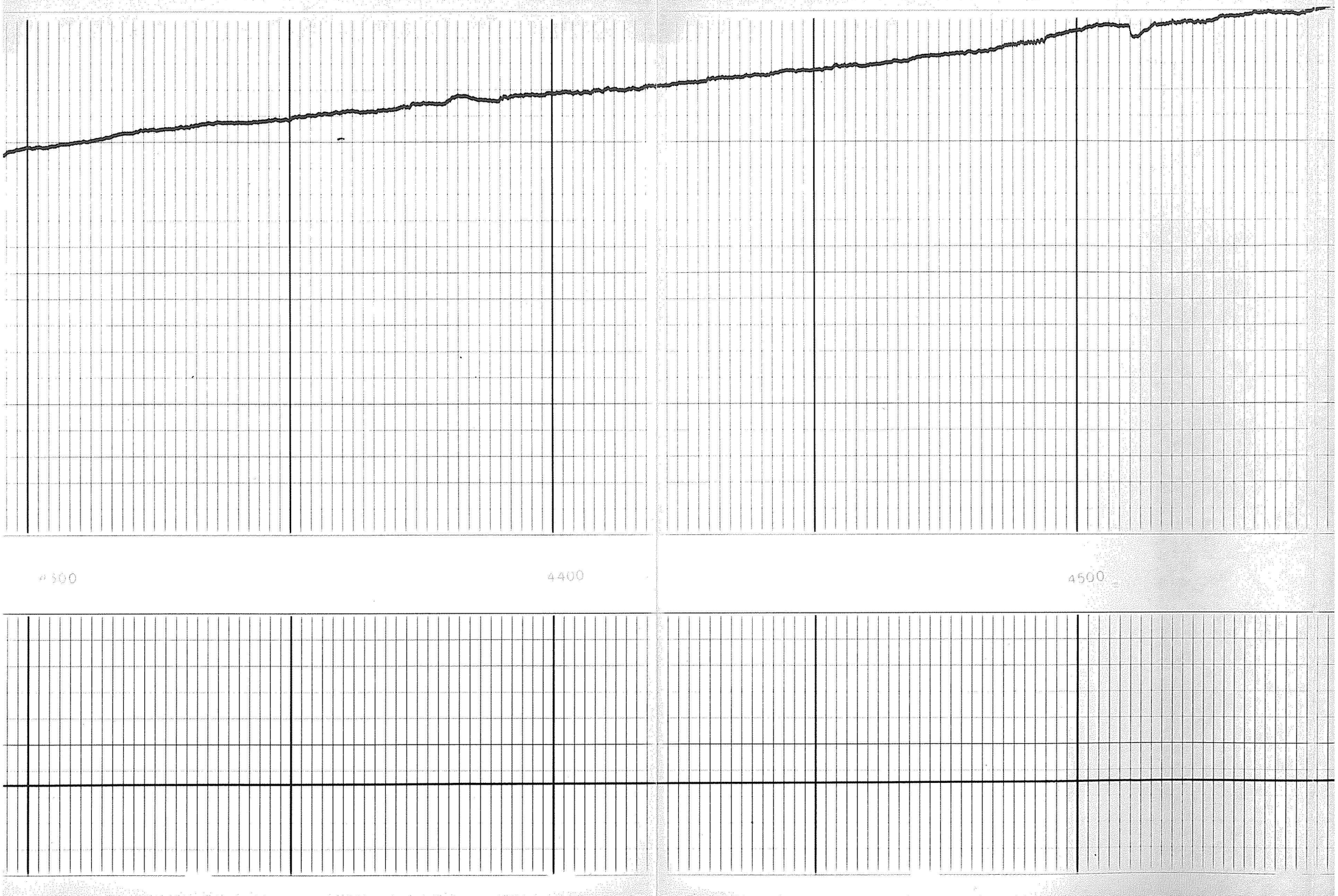
GR: BKG. CPS / Source CPS / Tc

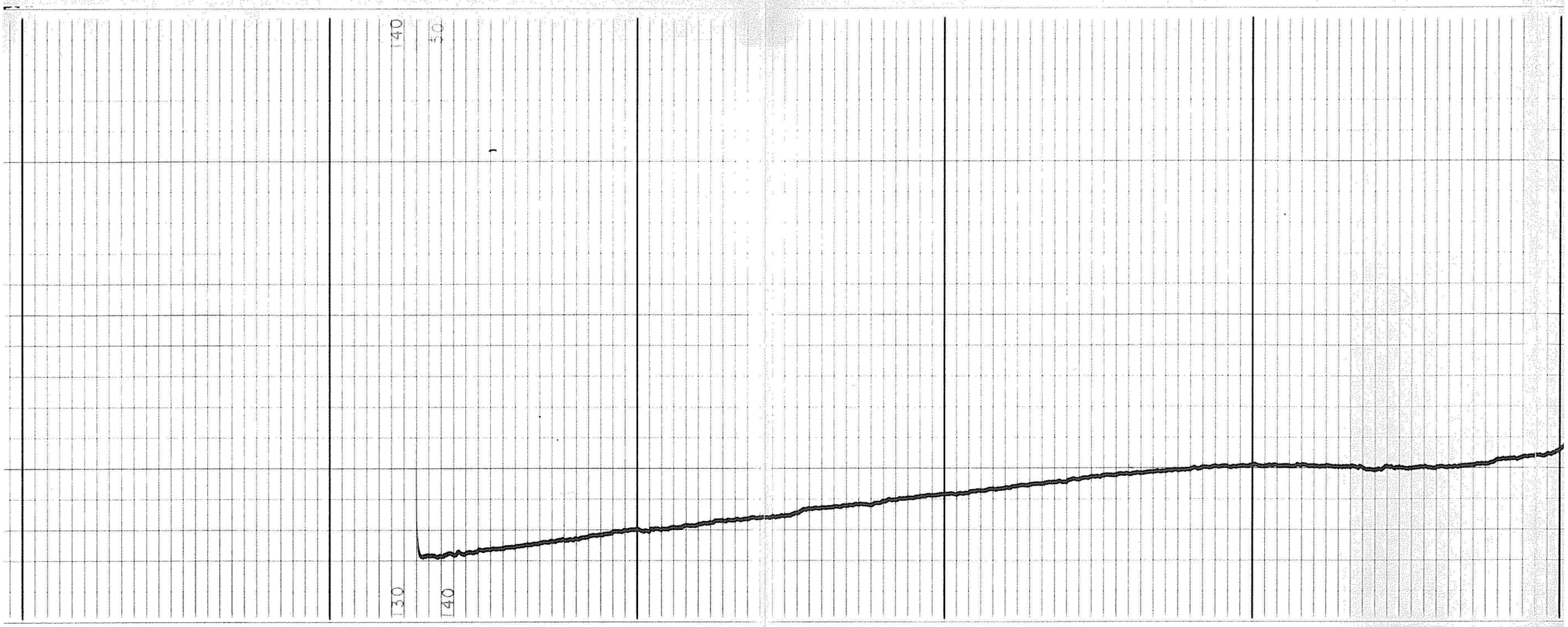
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Temperature

Reduced Scale Temperature


130°
140°
Run 1
TIME START
1000 5-16-79
Reduced Scale
Temperature
4100
4200

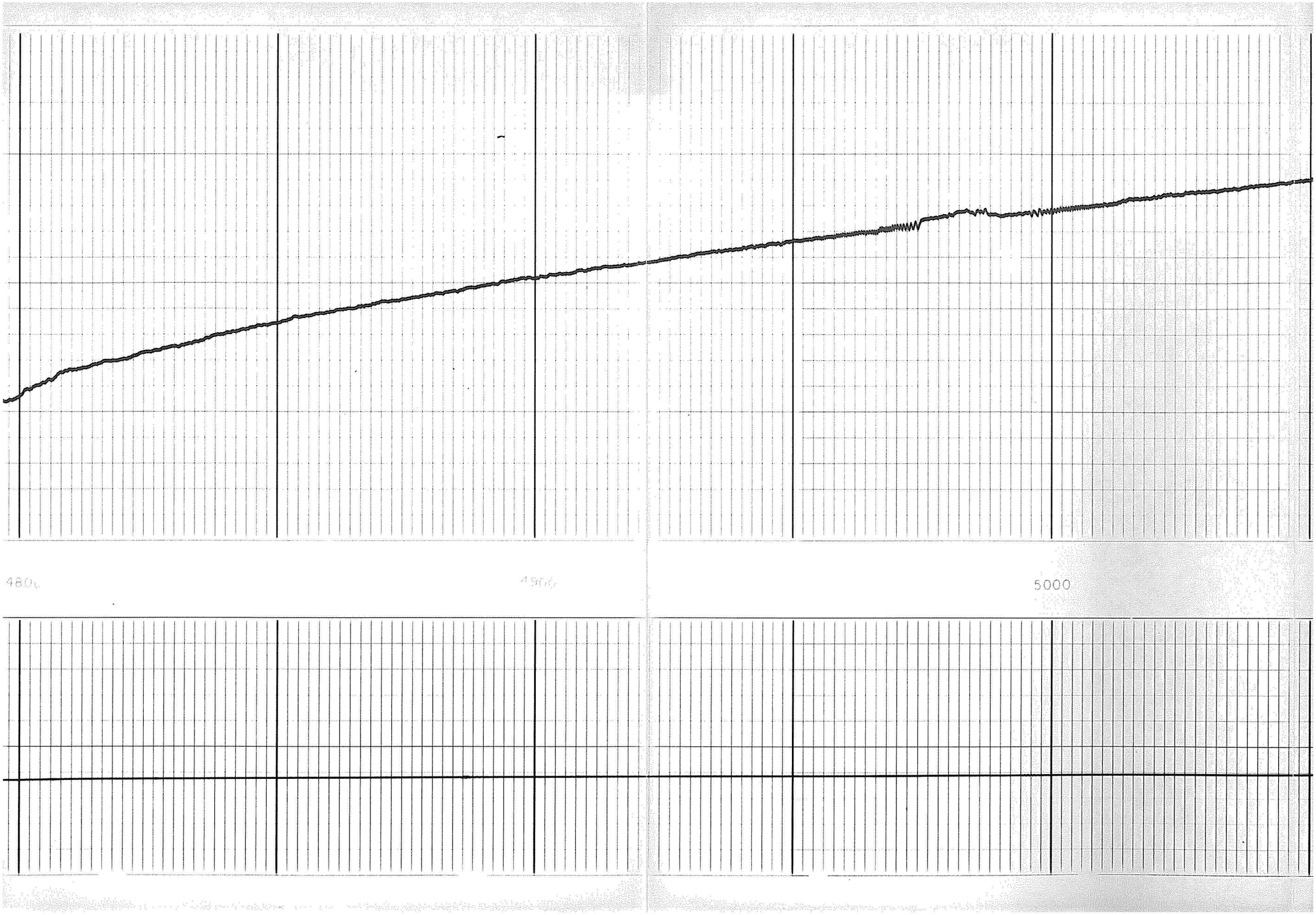

4500
4400
4500

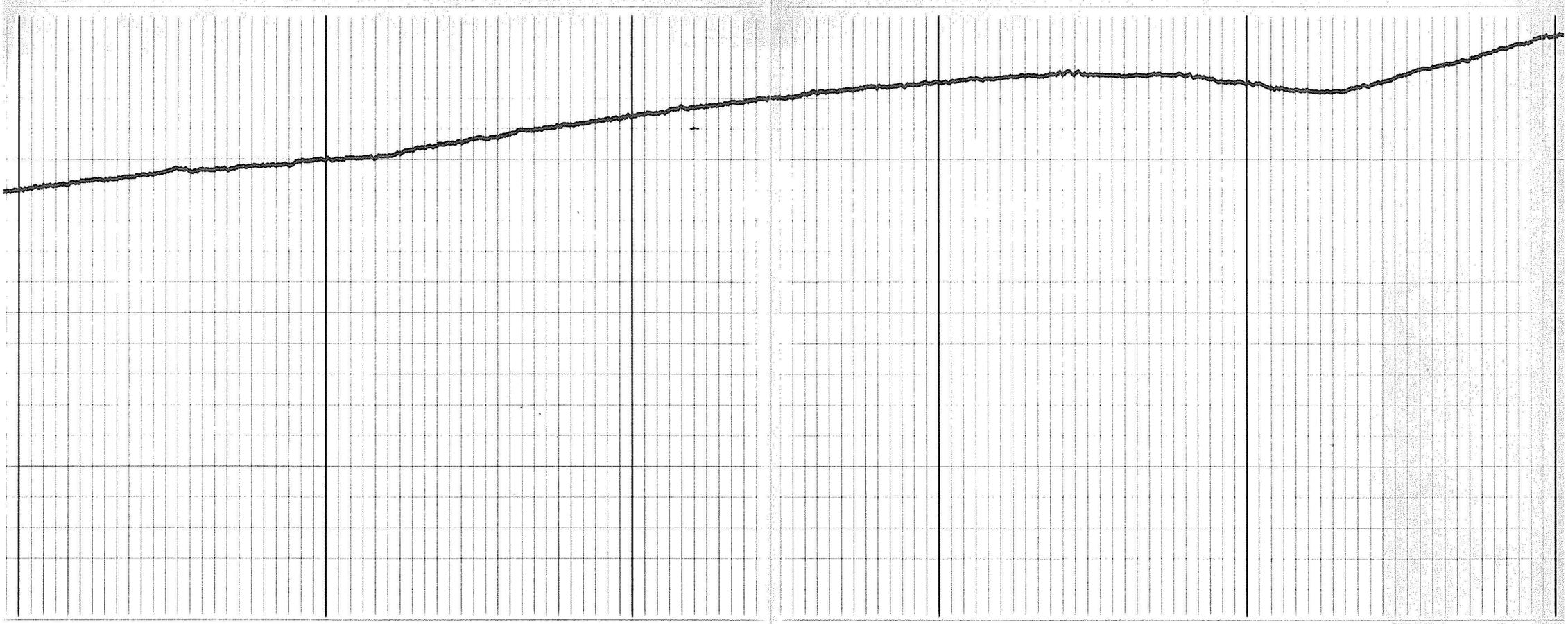


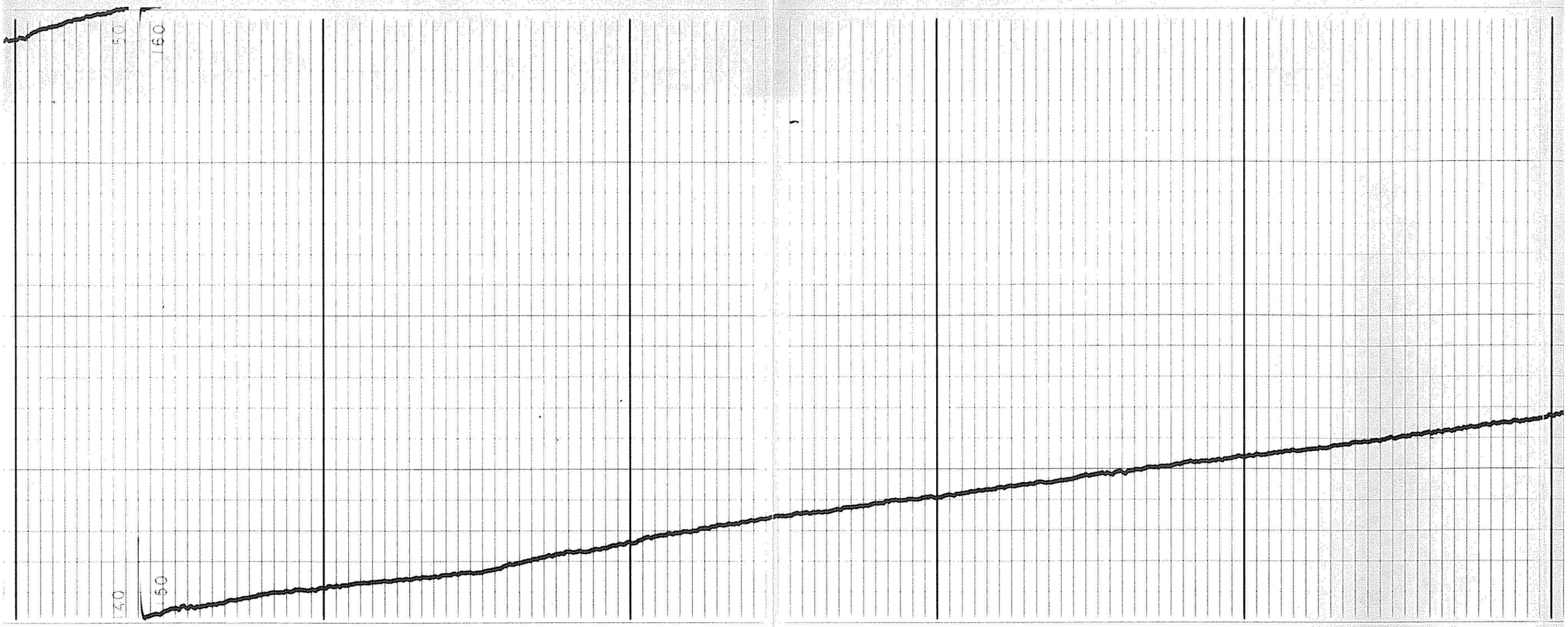
4600

4700

48


4800
4900
5000

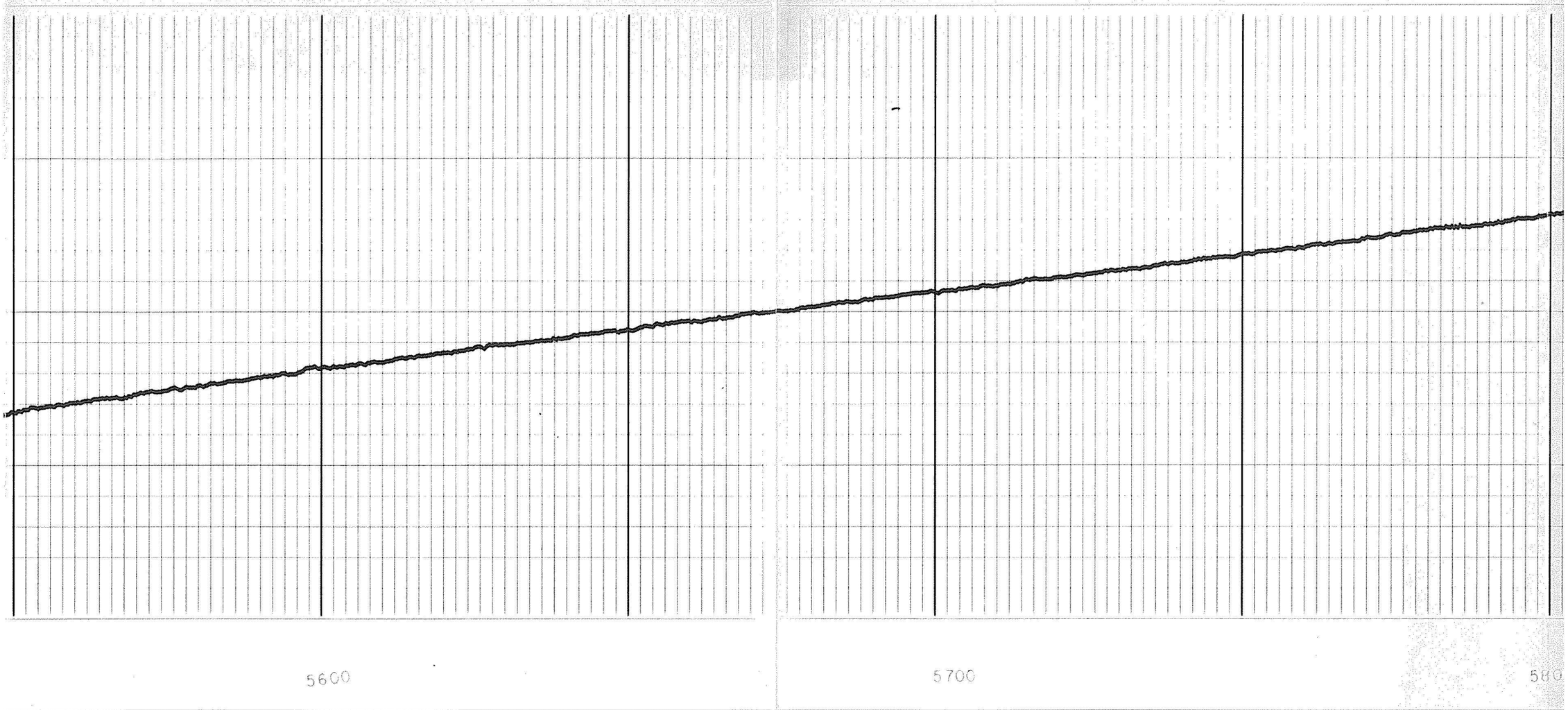

5100
5200

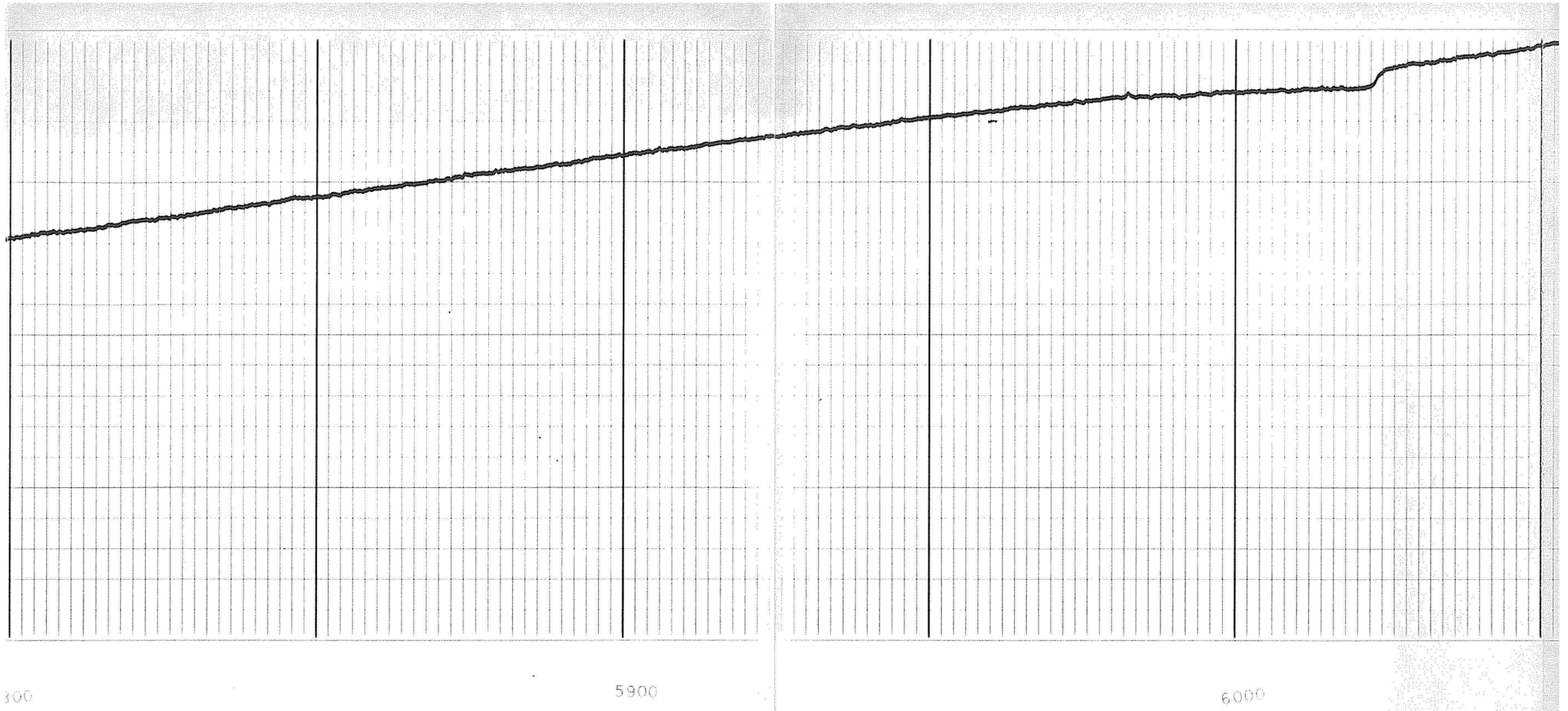


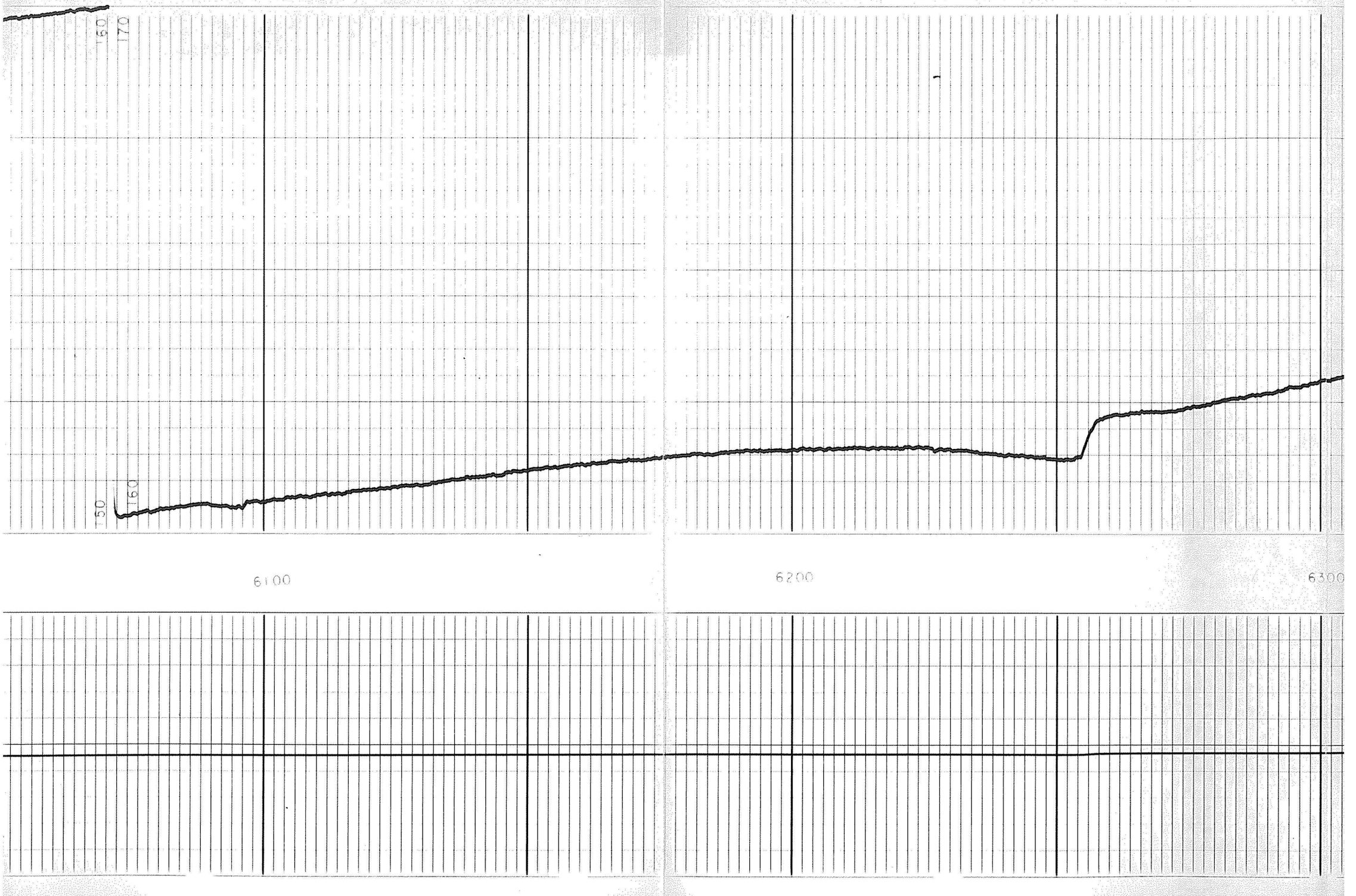
5300

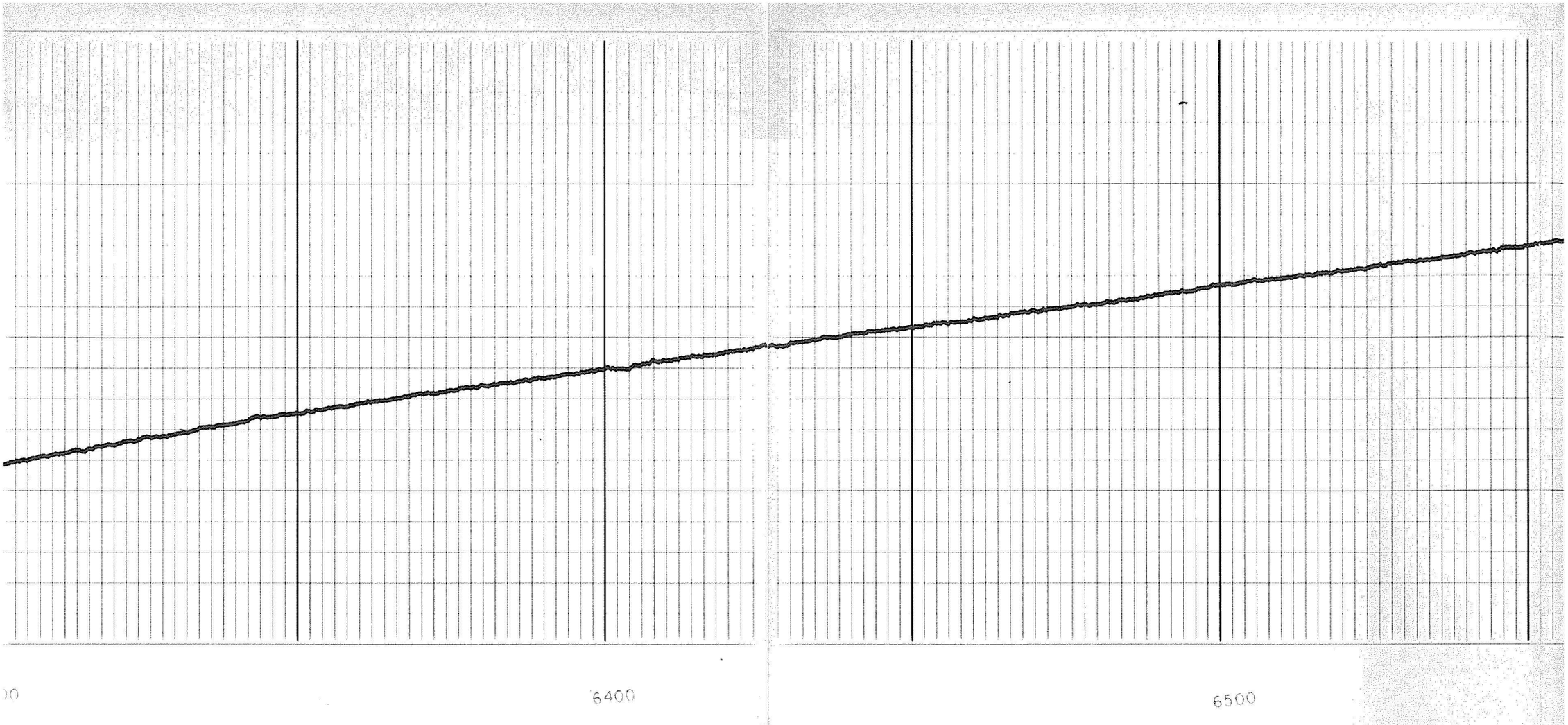
5400

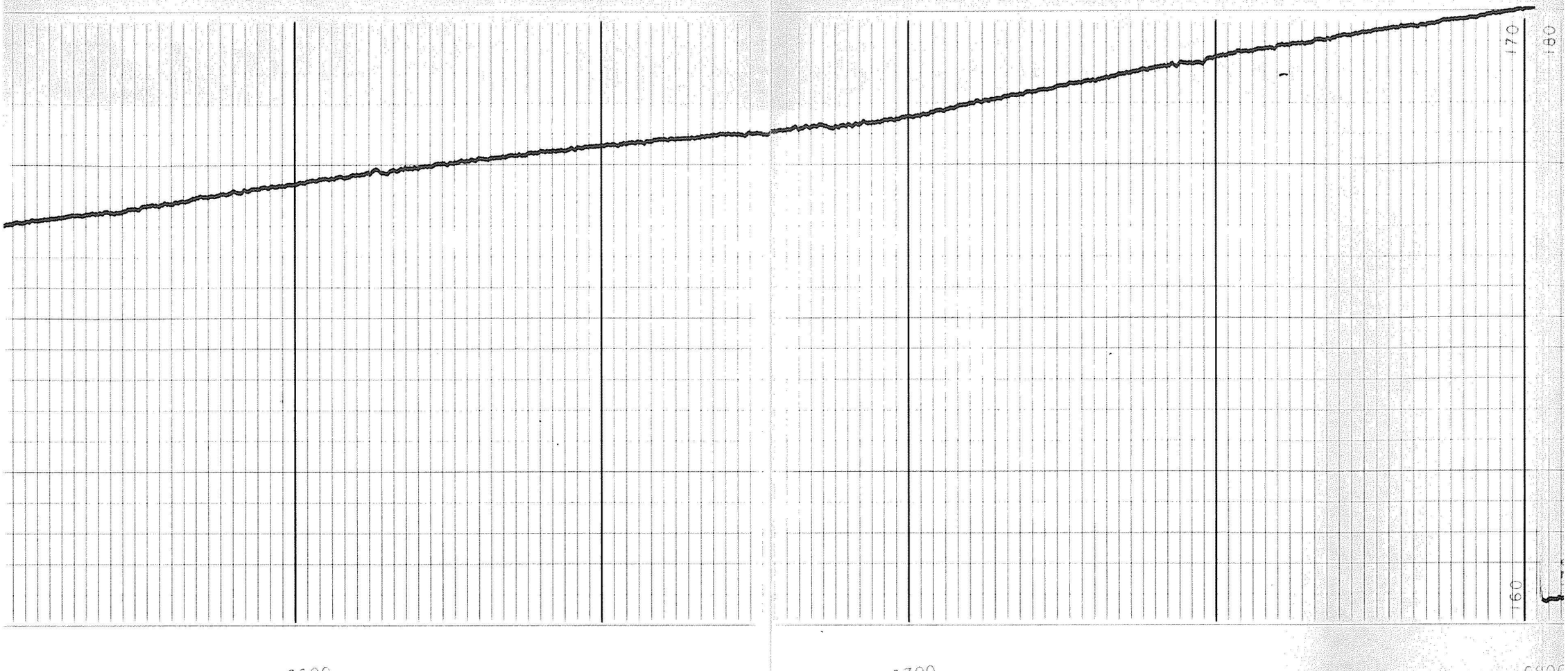
5500

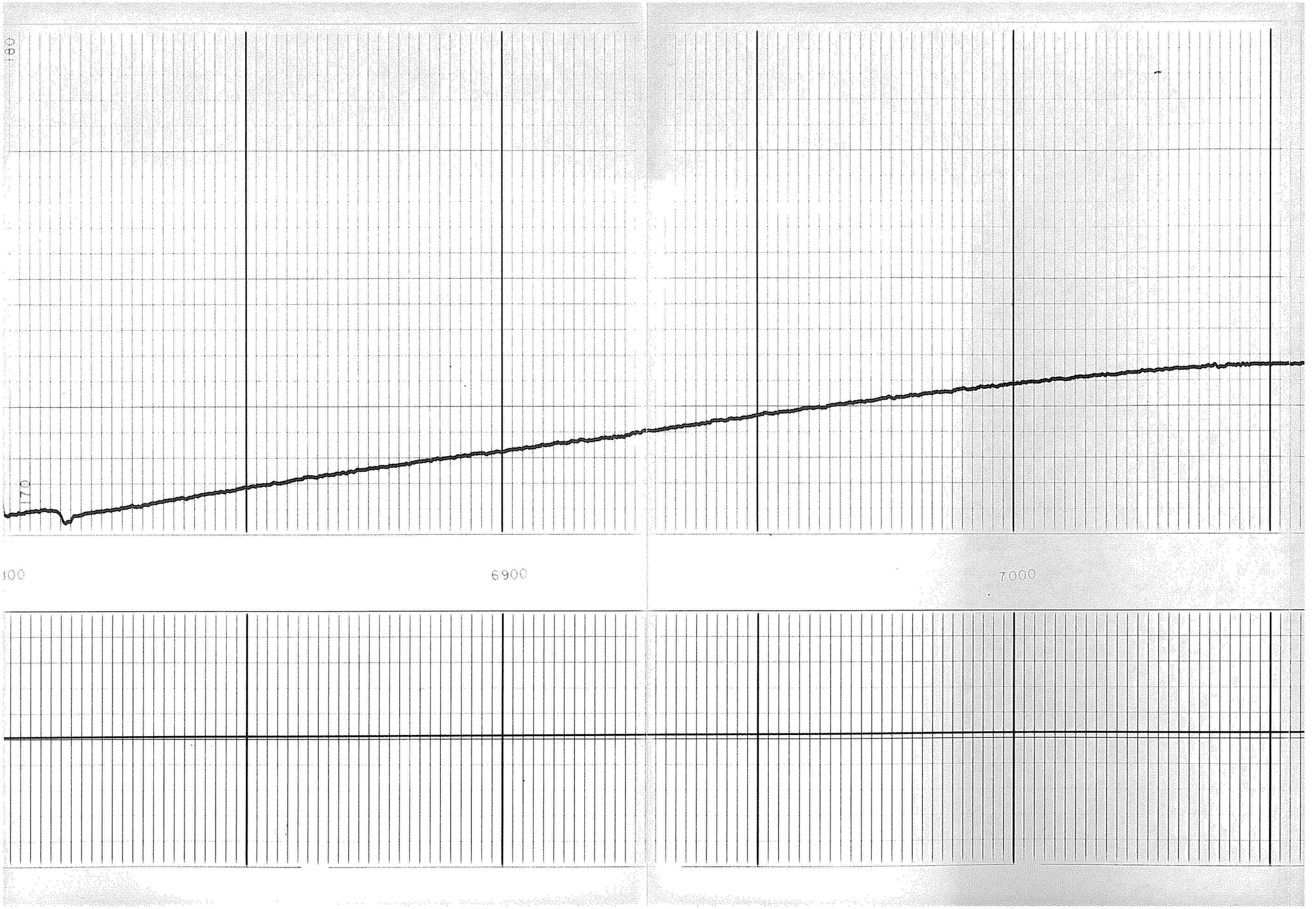

5600
5700
580

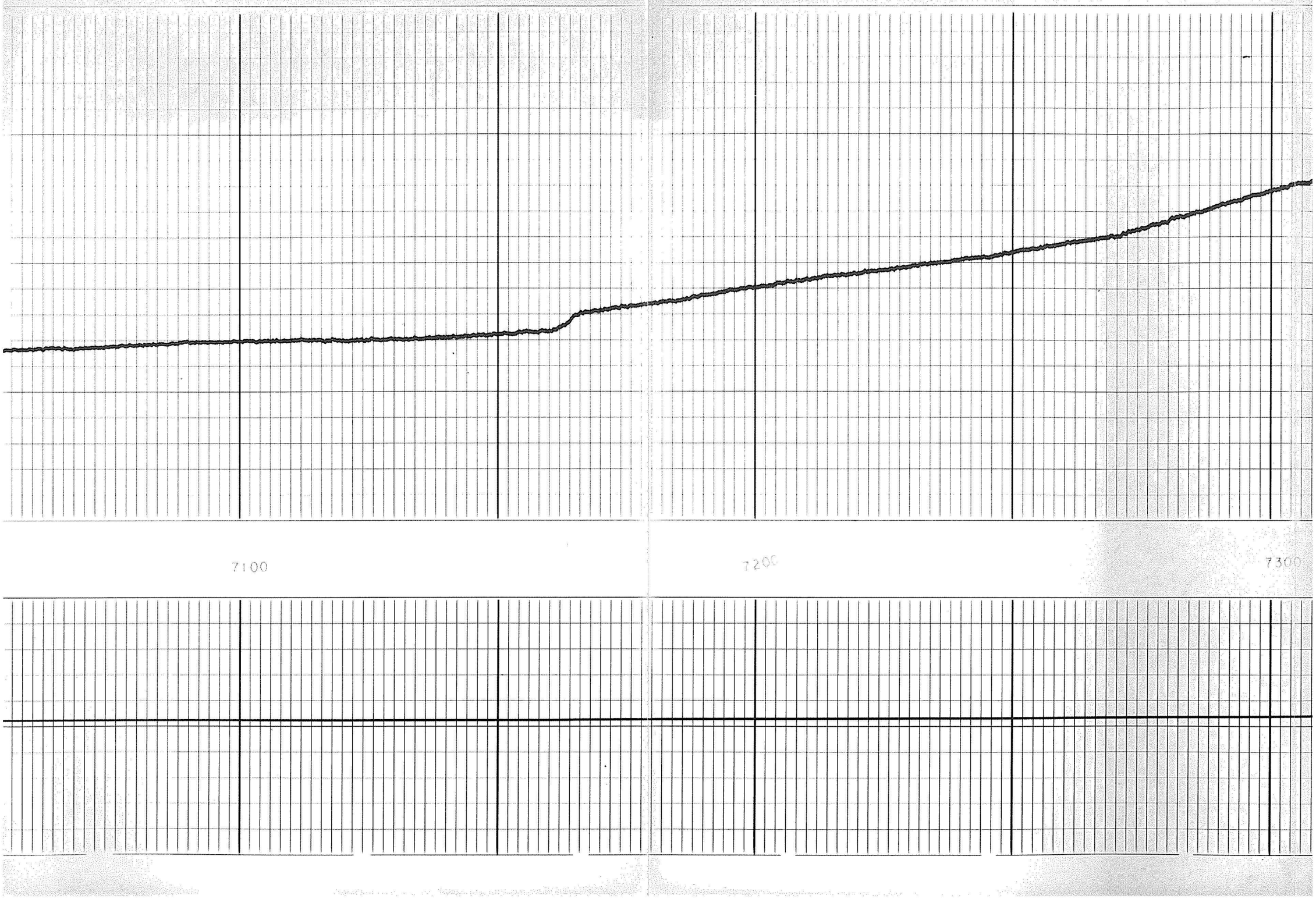

300
5900
6000

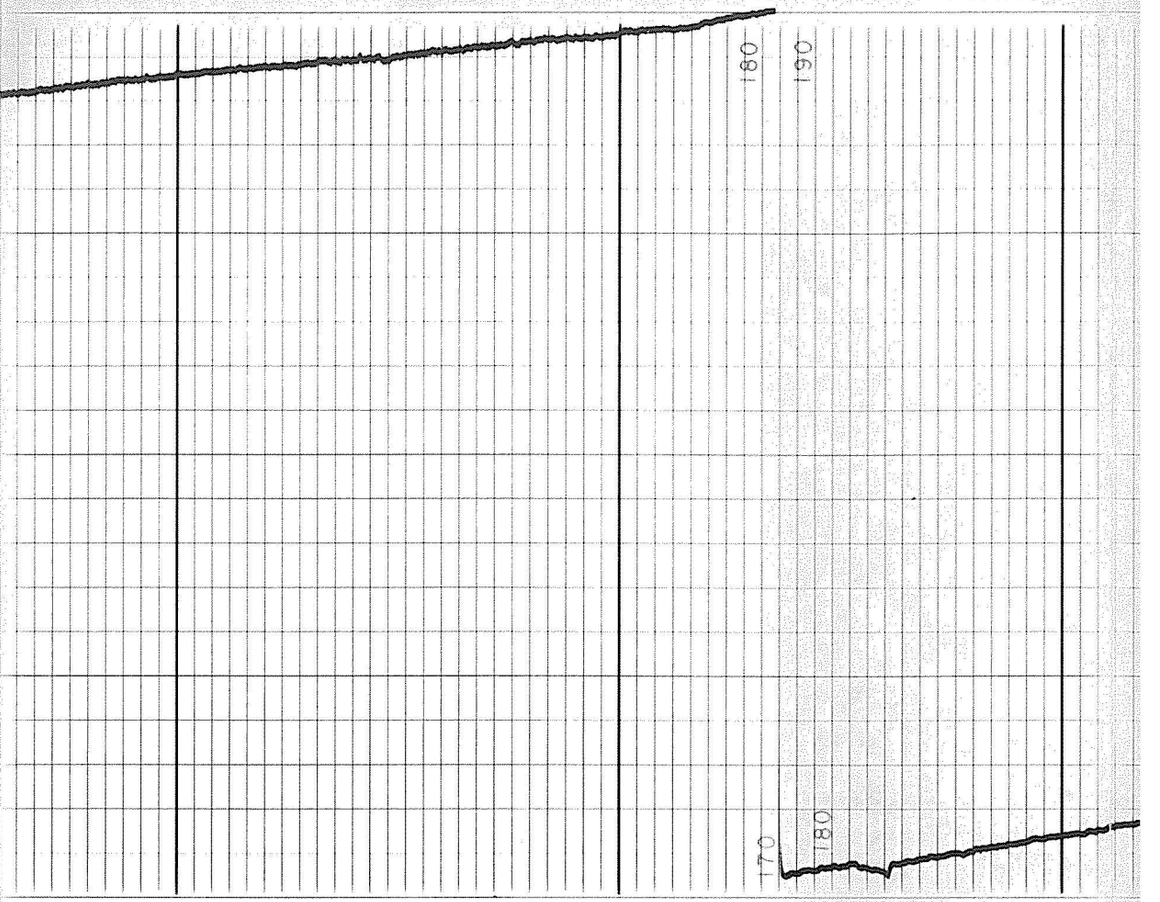

150
170
150
160
6100
6200
6300


)0
6400
6500


170
160
6600
6700

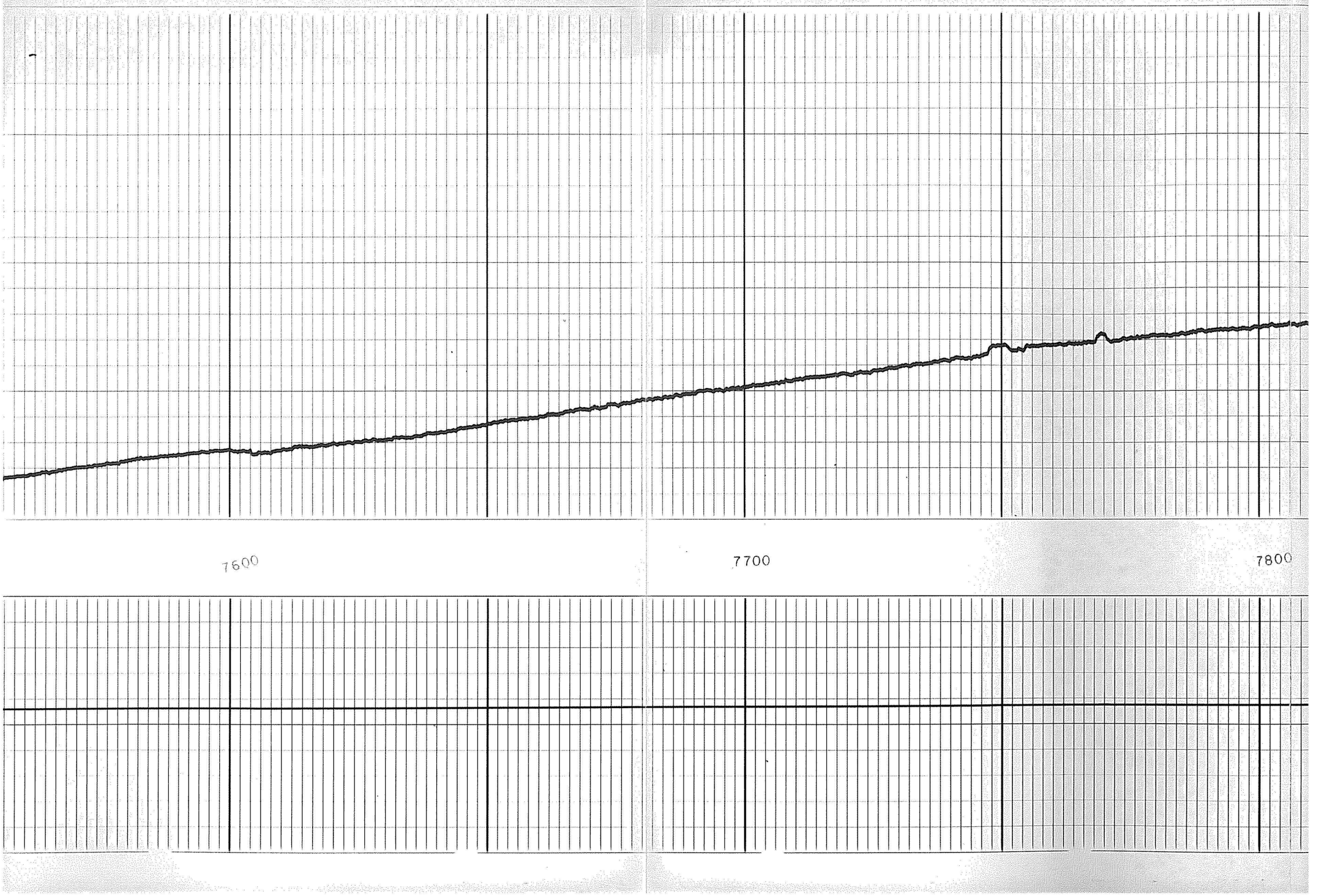

180
170
6900
7000

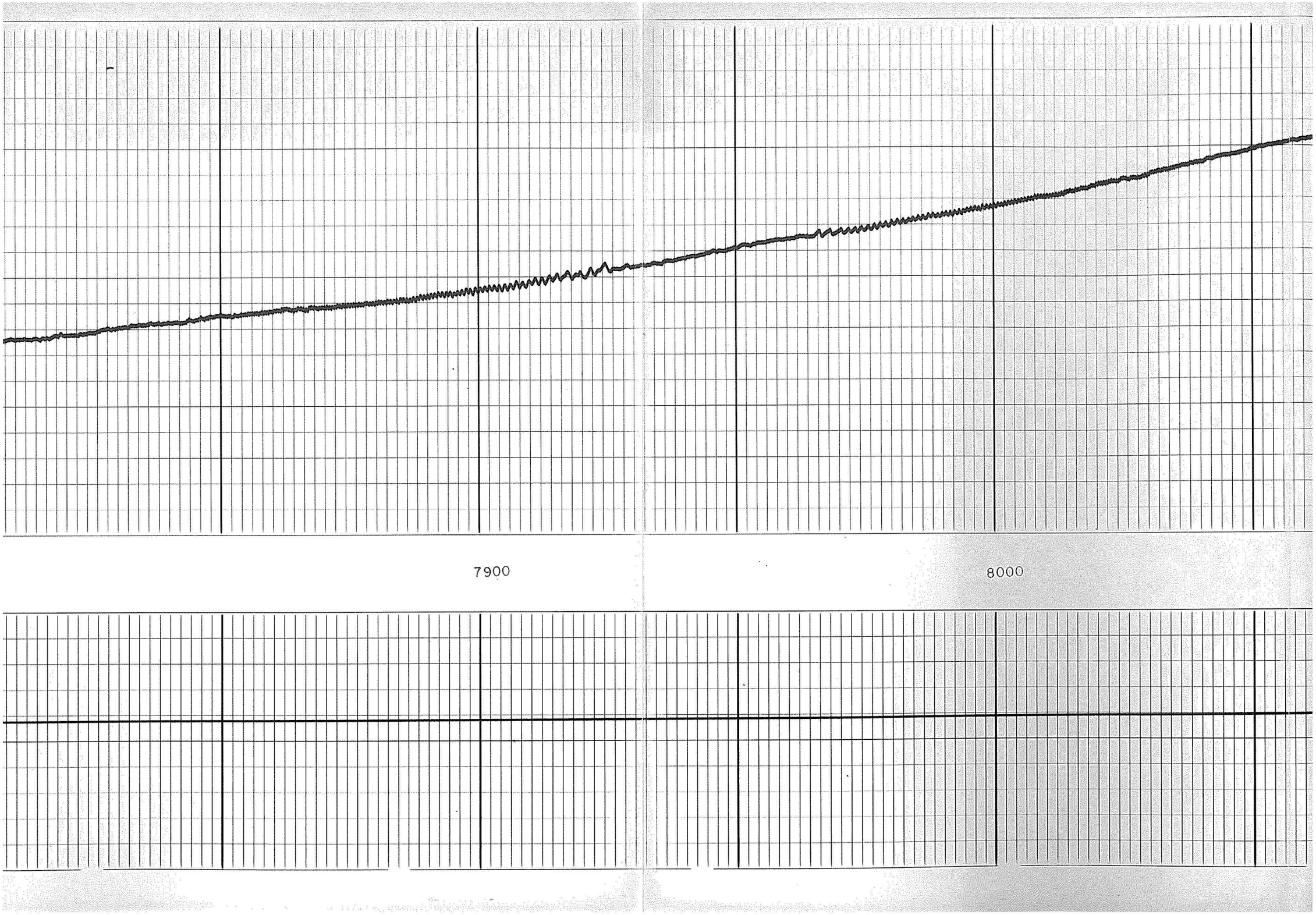

7100
7200
7300



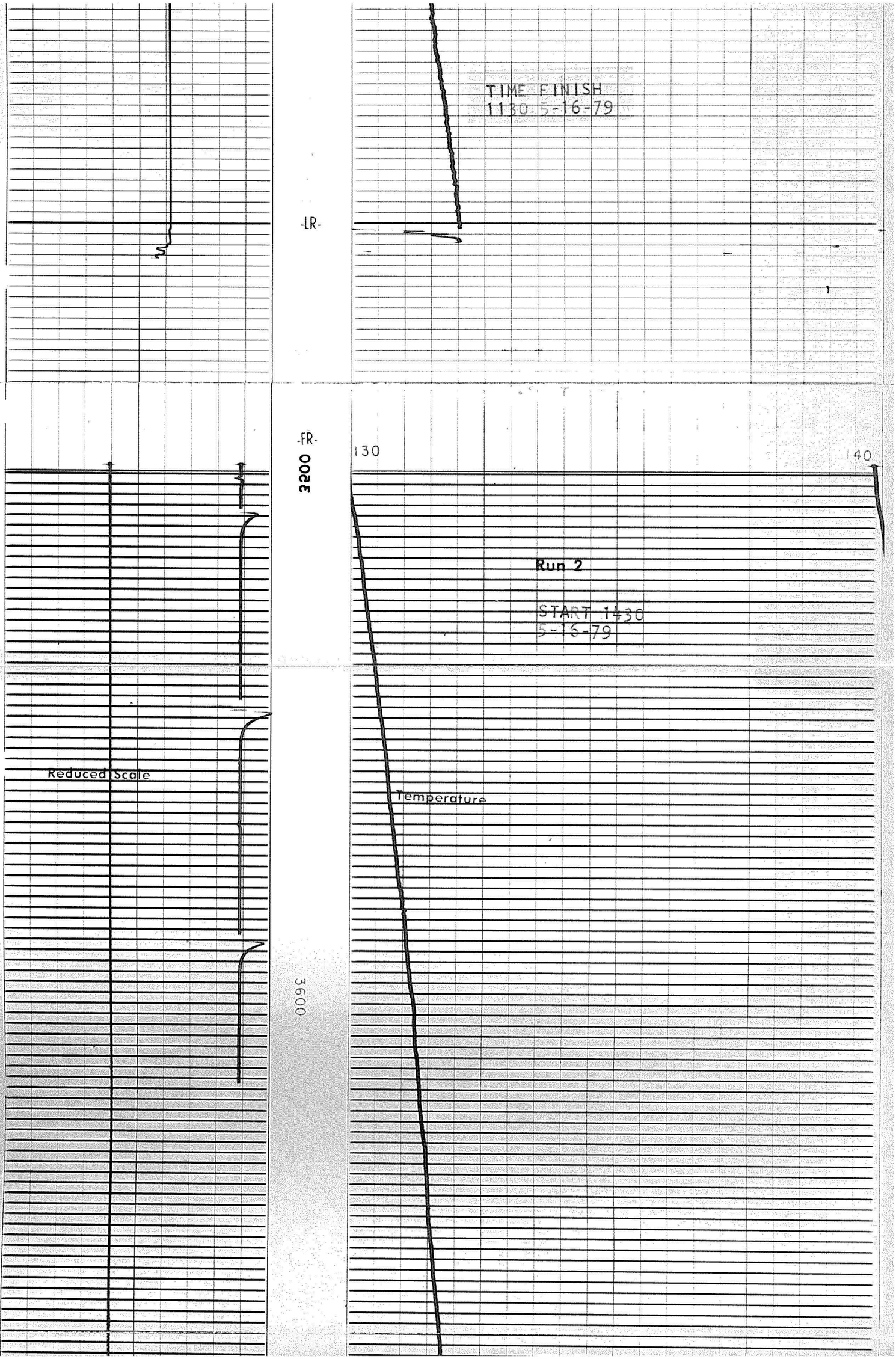
7400

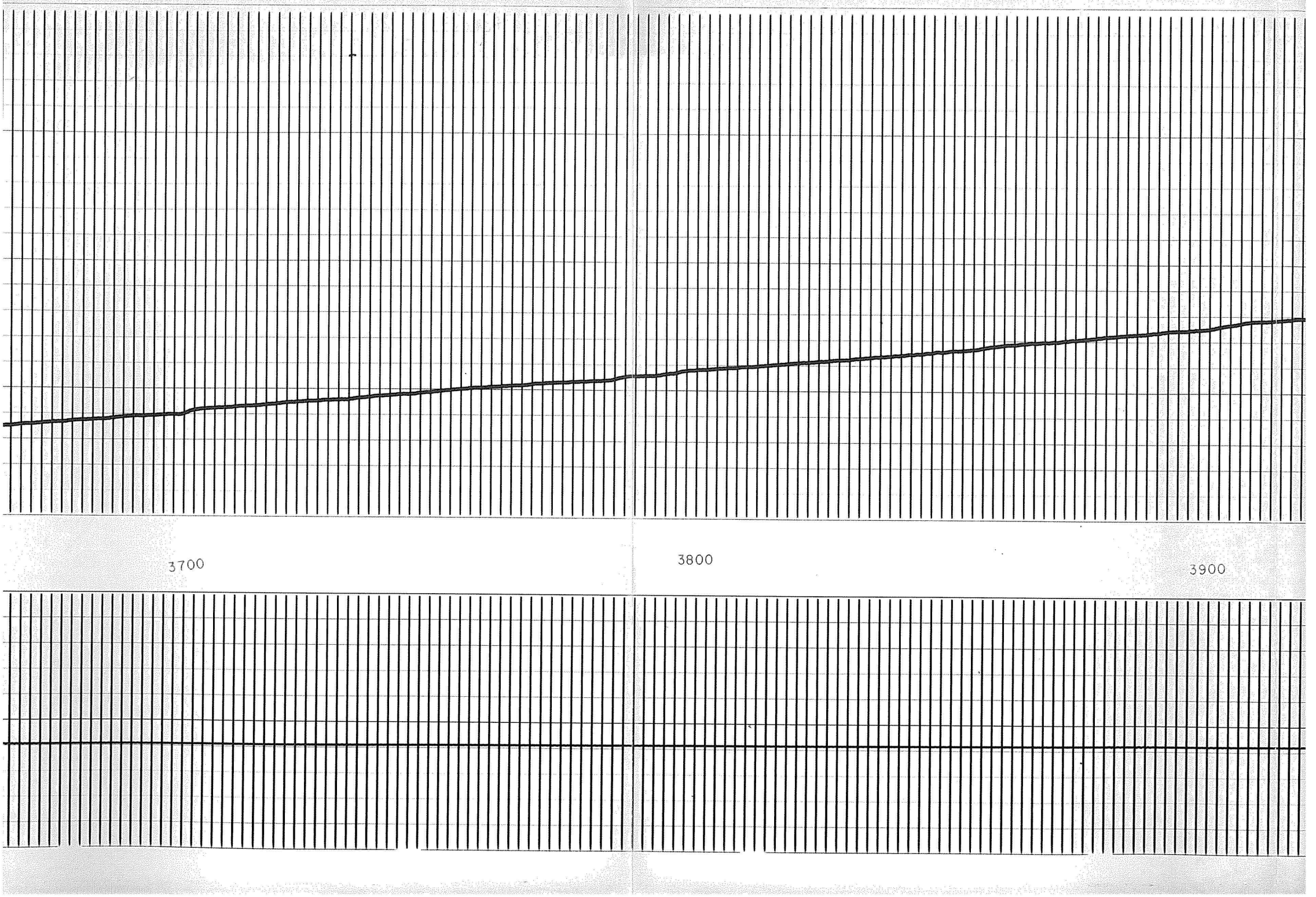
7500

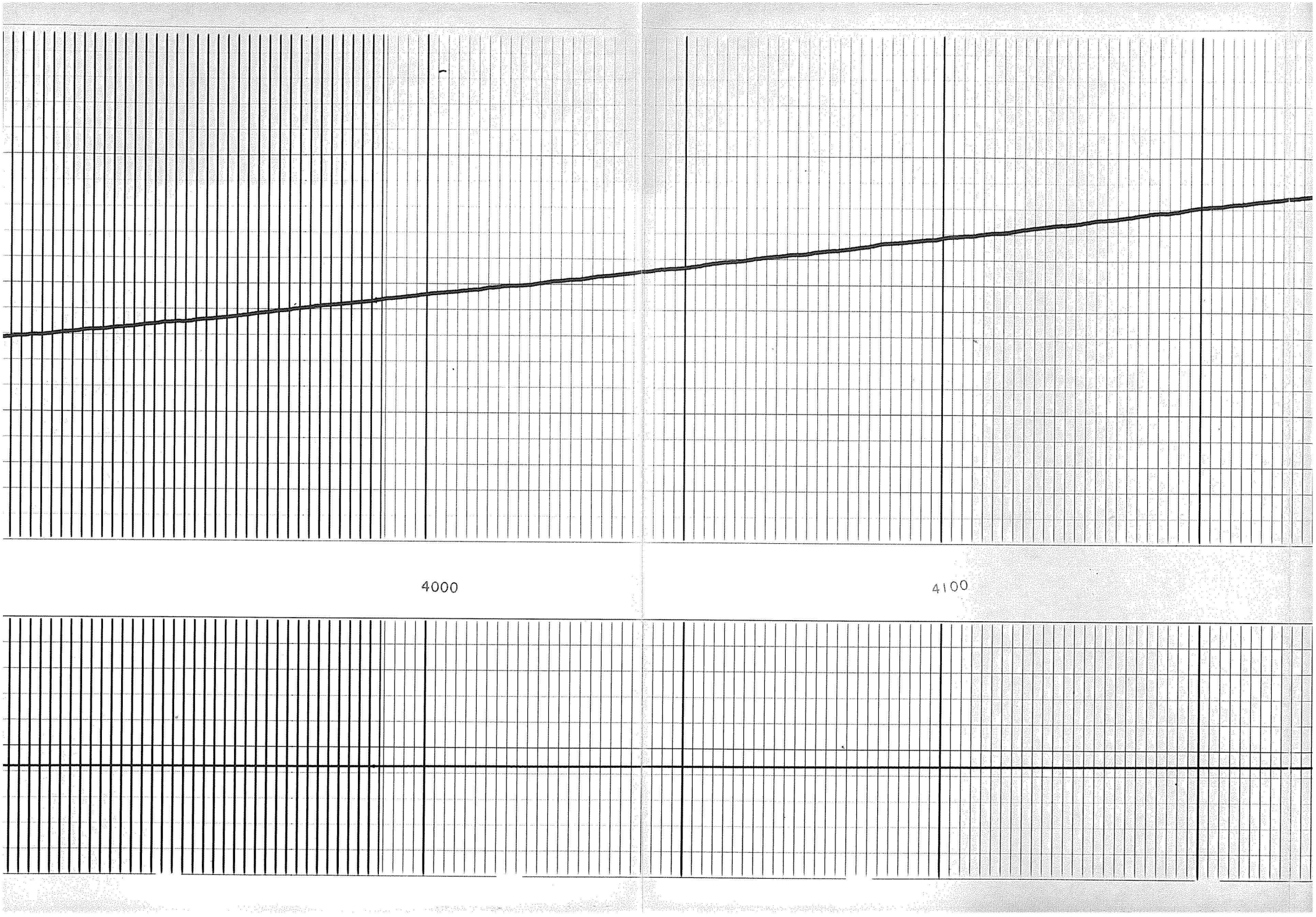

7600
7700
7800

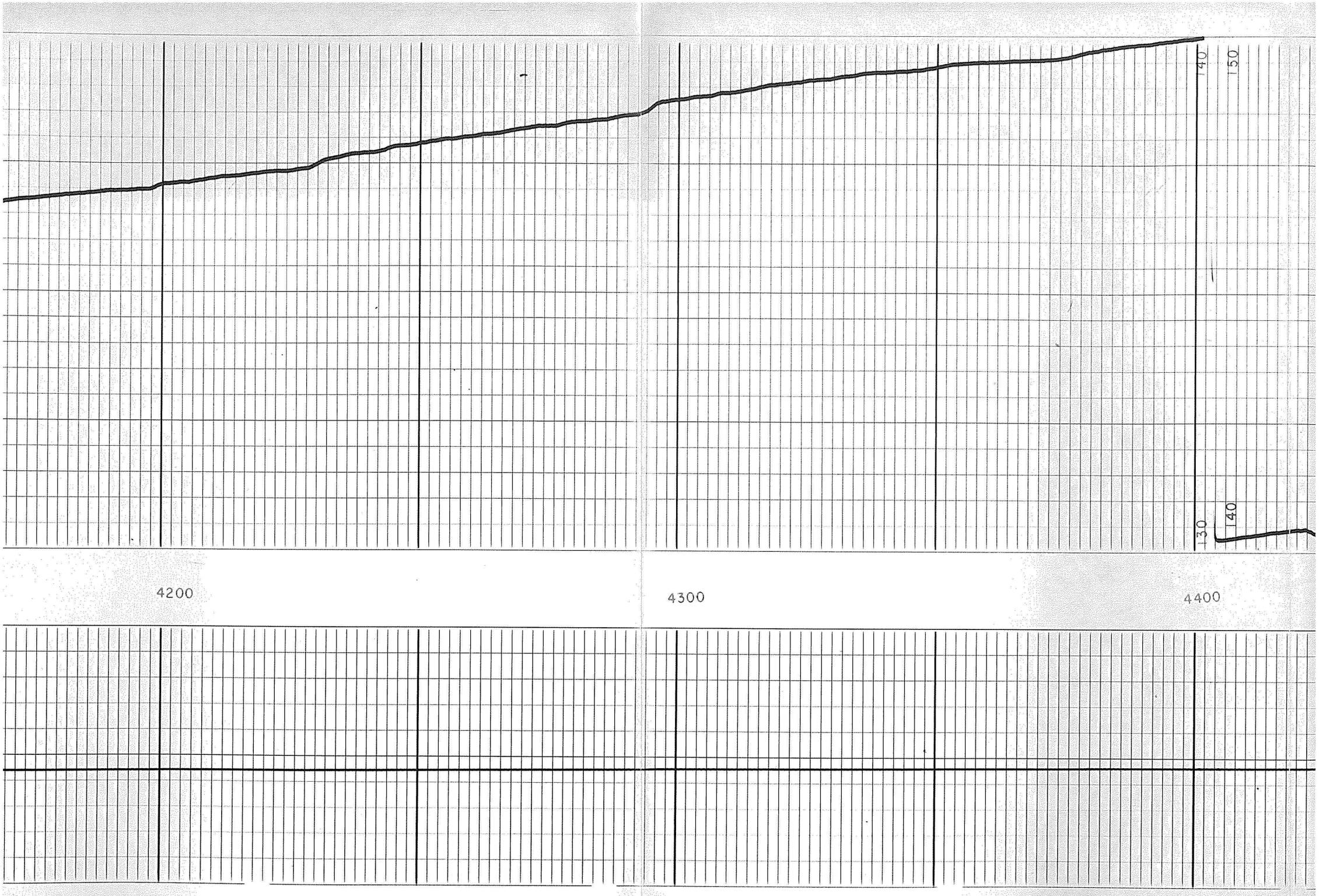

7900
8000

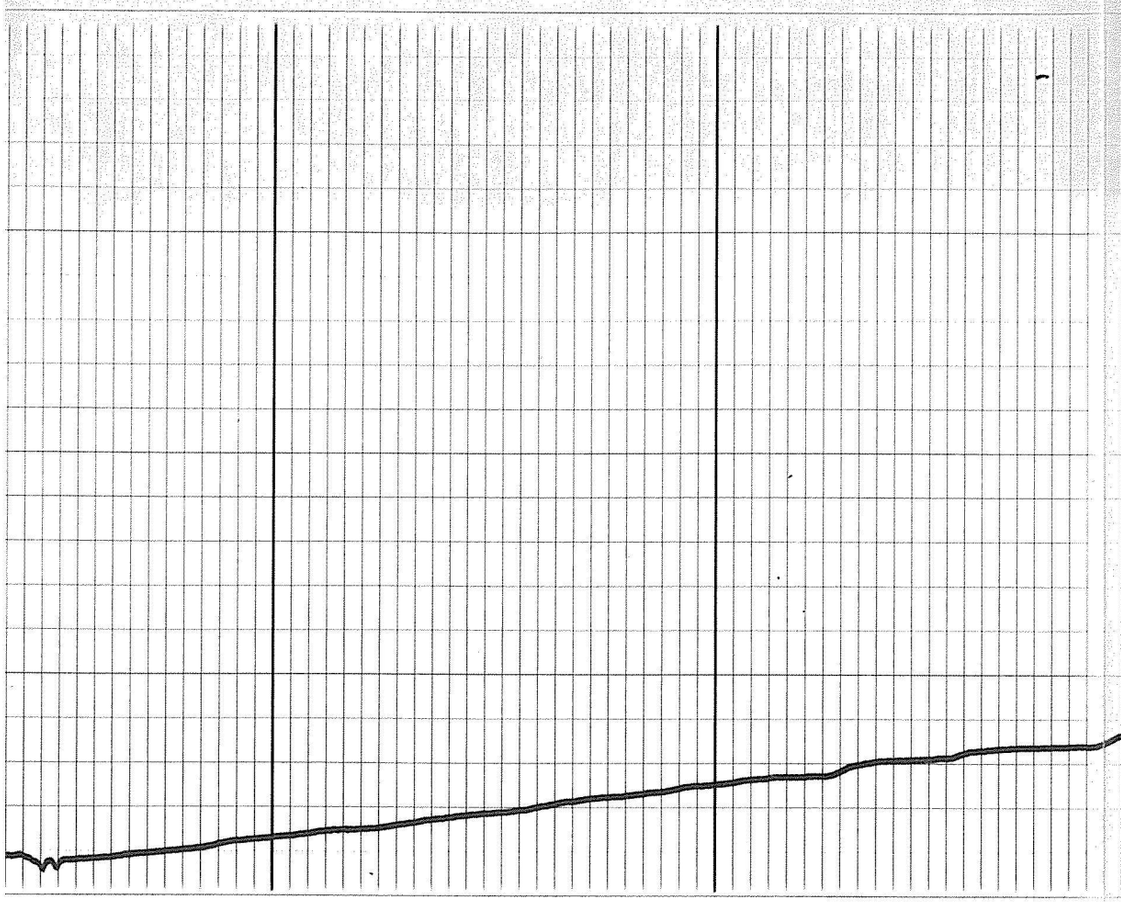
190
200
180
190
Temperature
8100
8200
8300
Reduced Scale Temperature


TIME FINISH
1130 5-16-79
-LR-
-FR-
3200
130
140
Run 2
START 1430
5-16-79
Reduced Scale
Temperature
3600

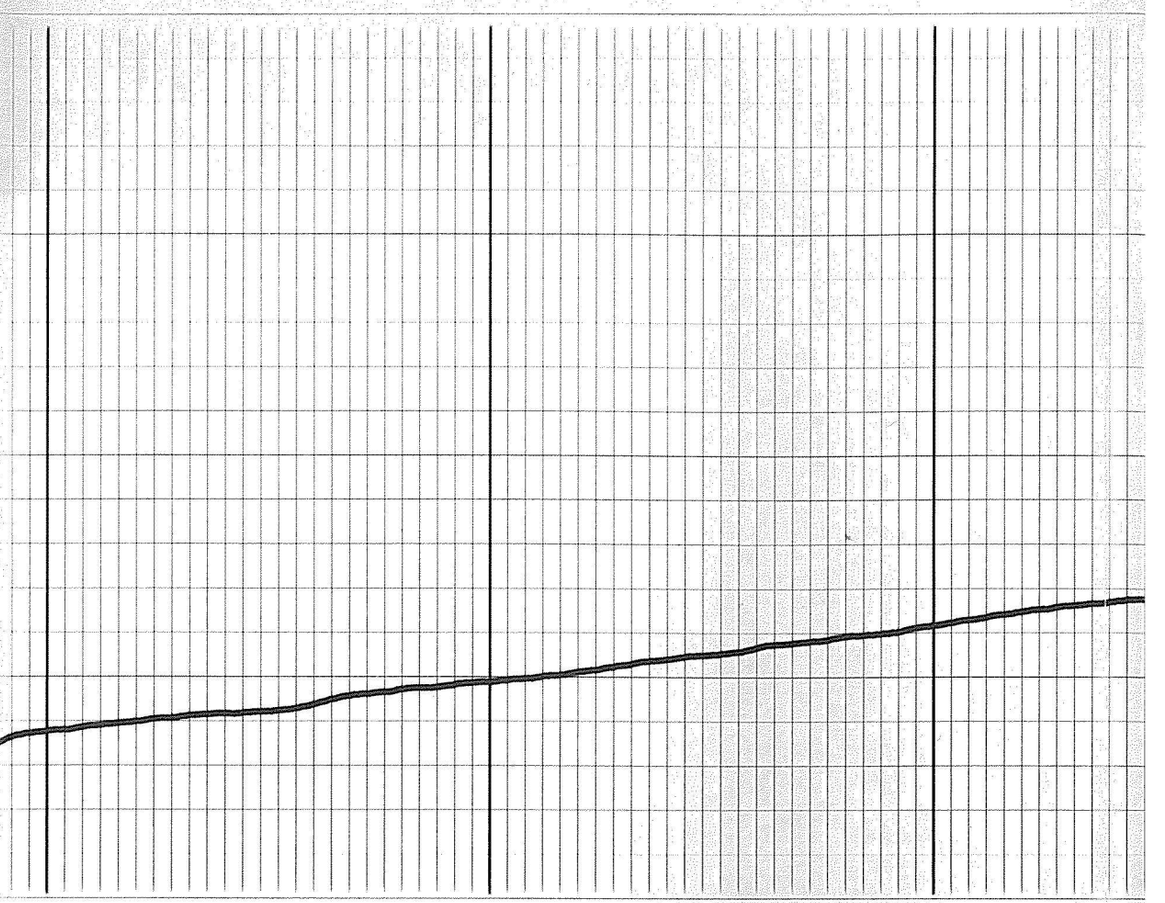

3700
3800
3900


4000
4100

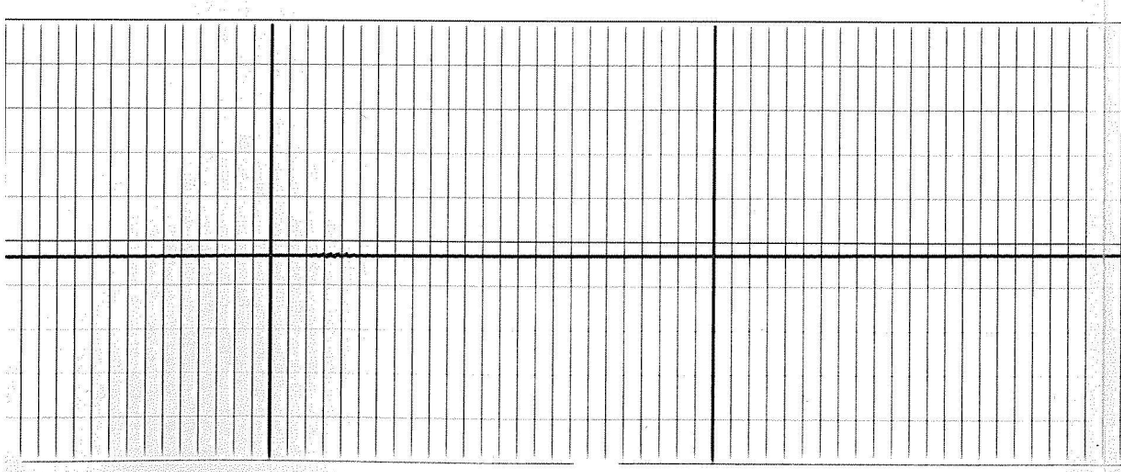

140
150
130
140
4200
4300
4400

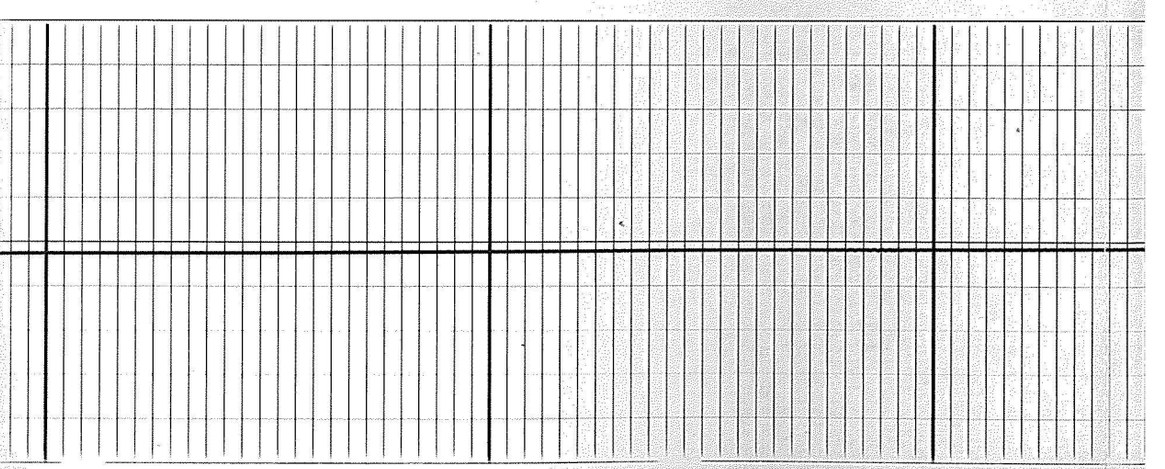


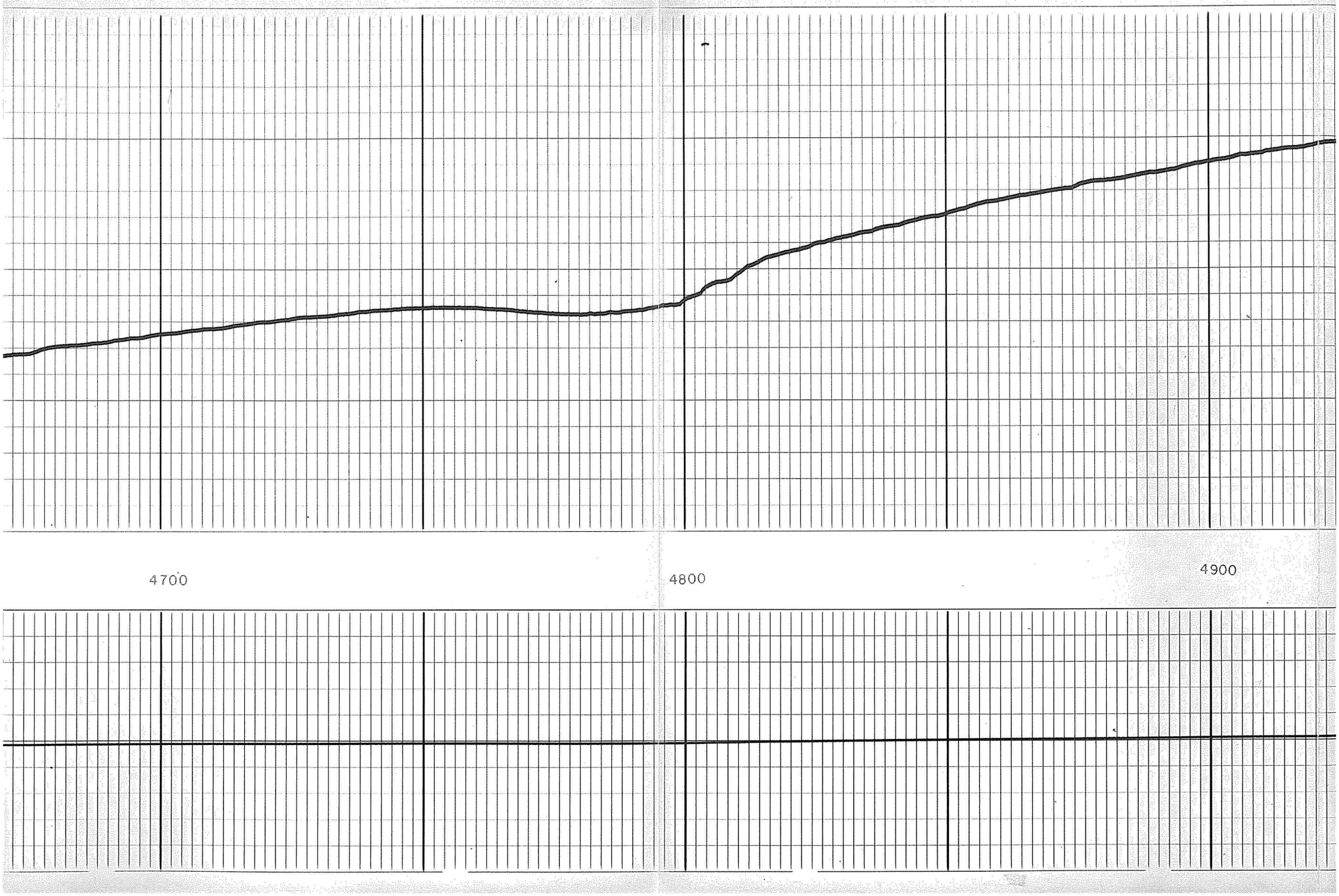
4500

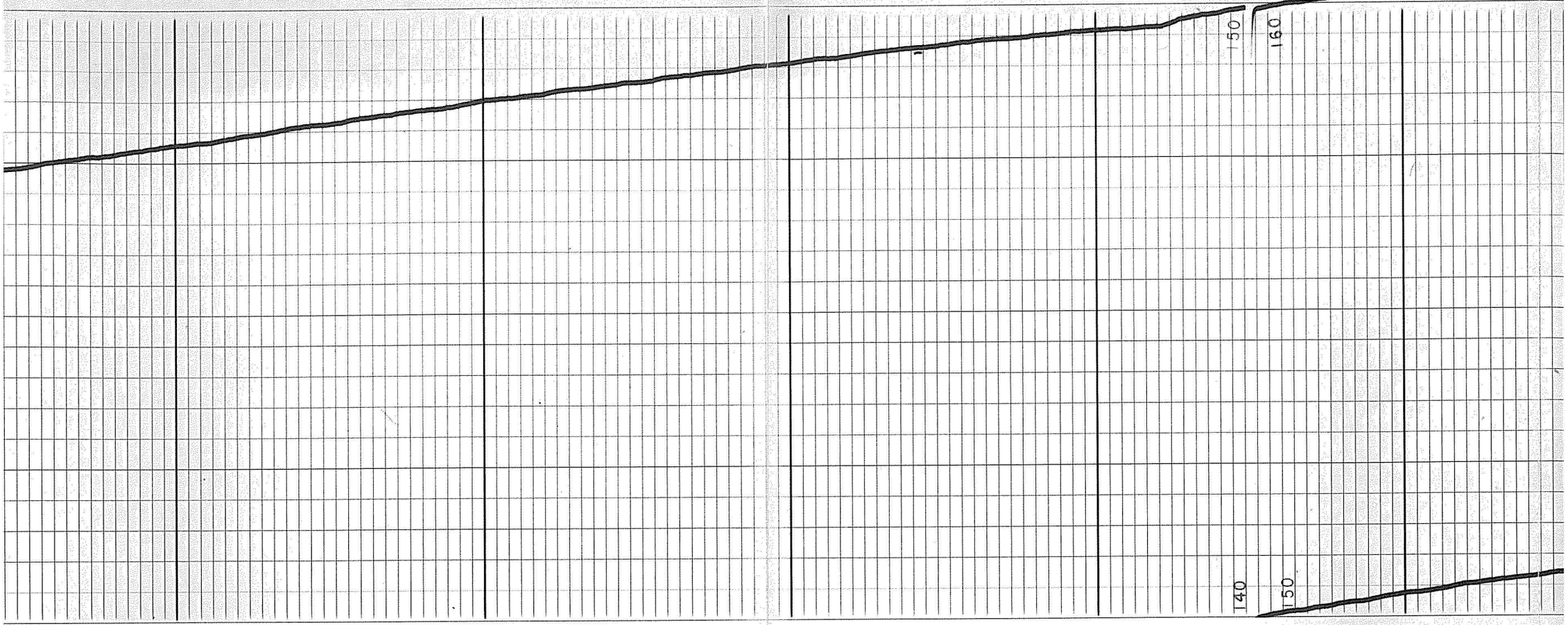


4600



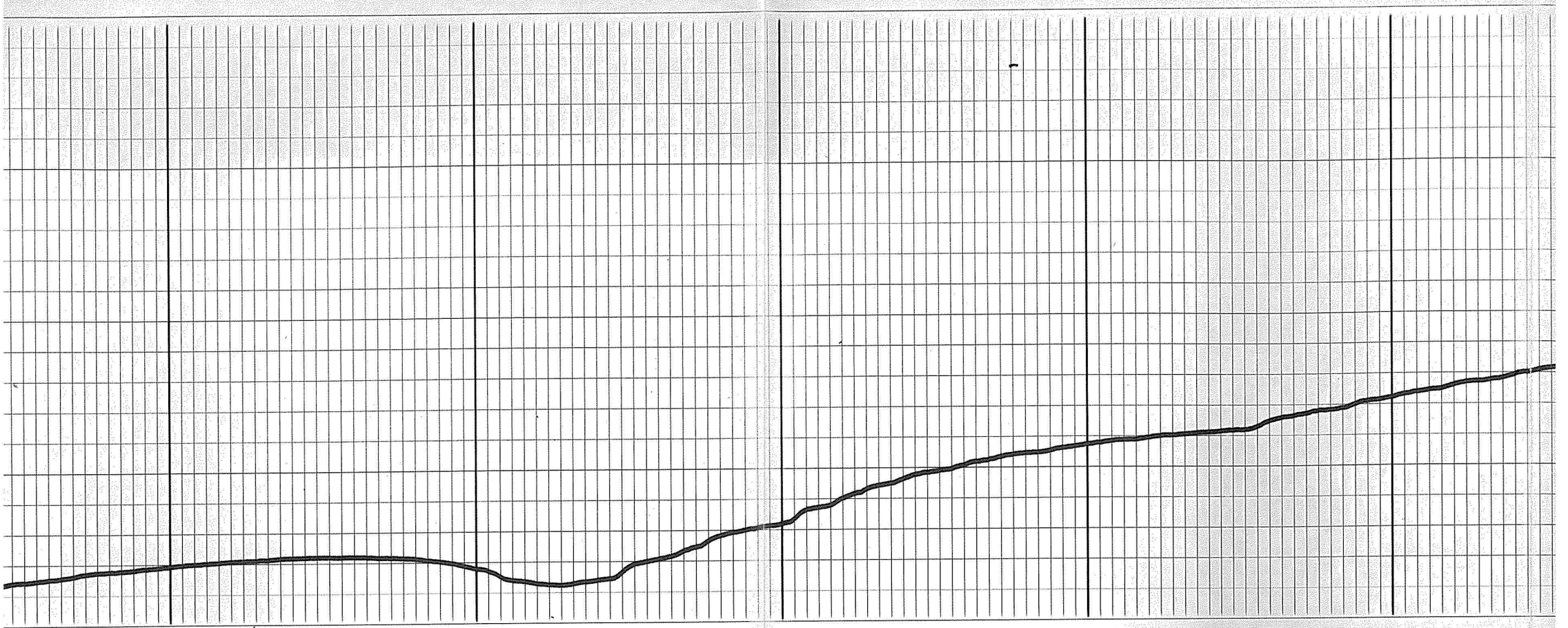


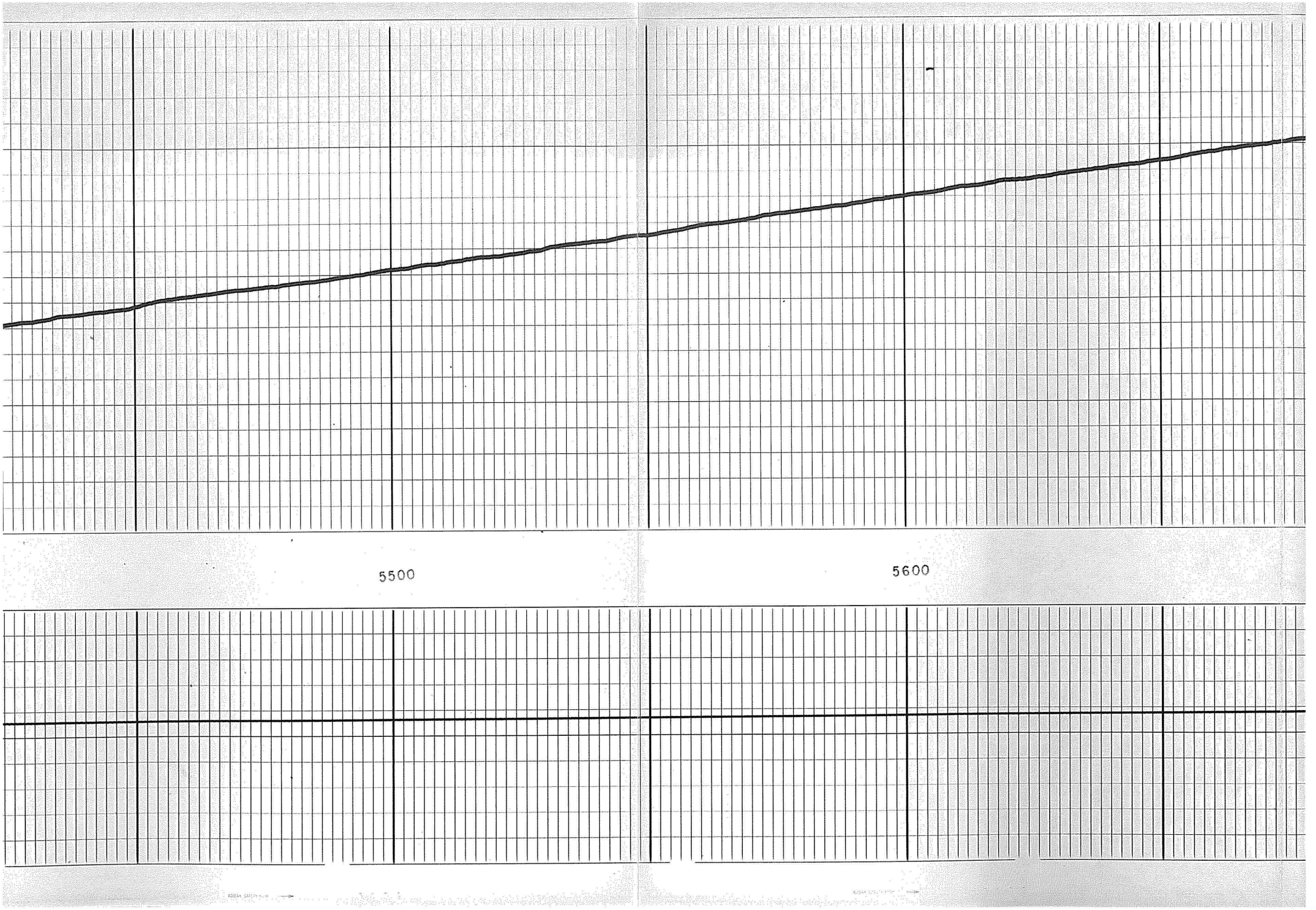

4700
4800
4900

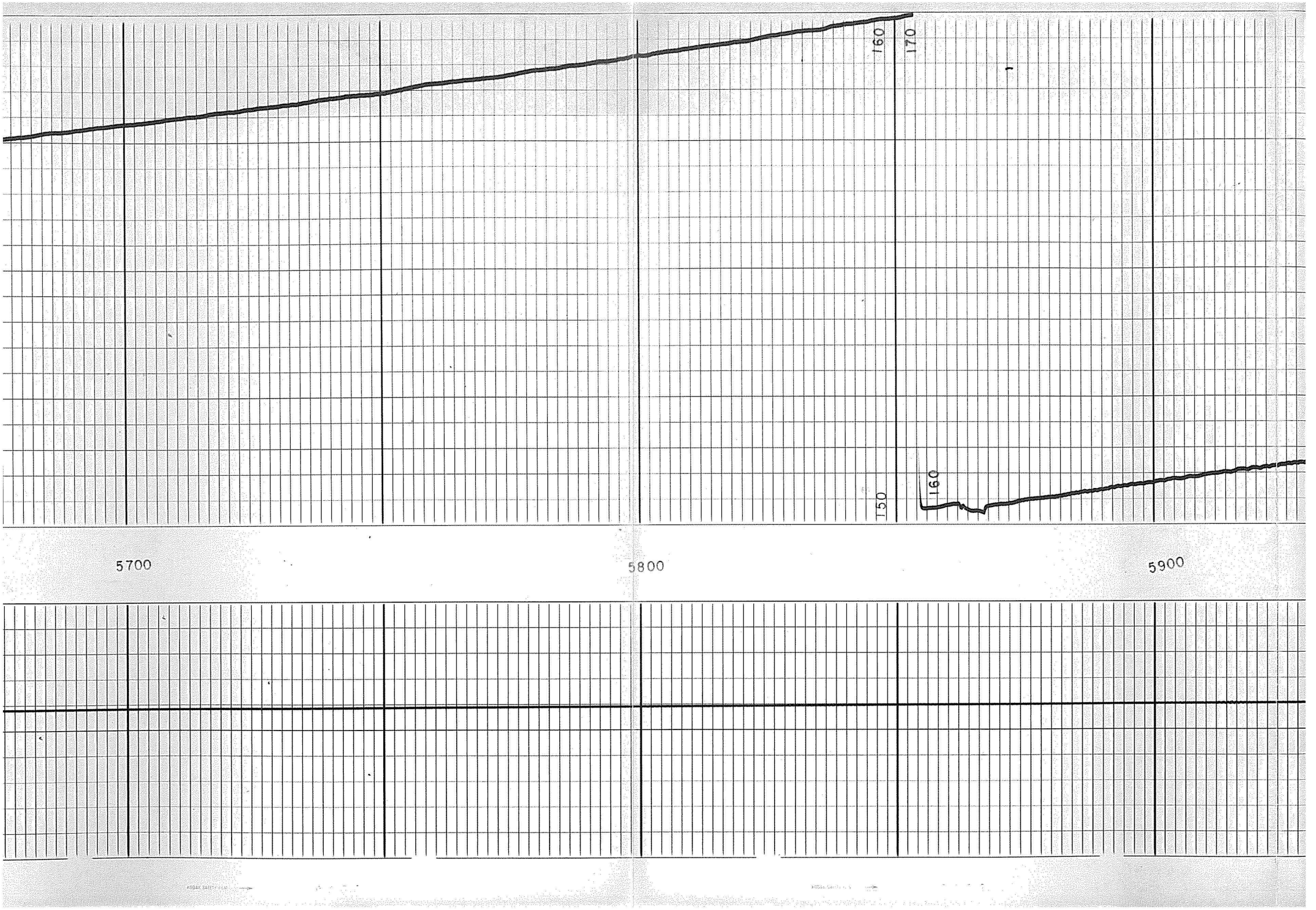


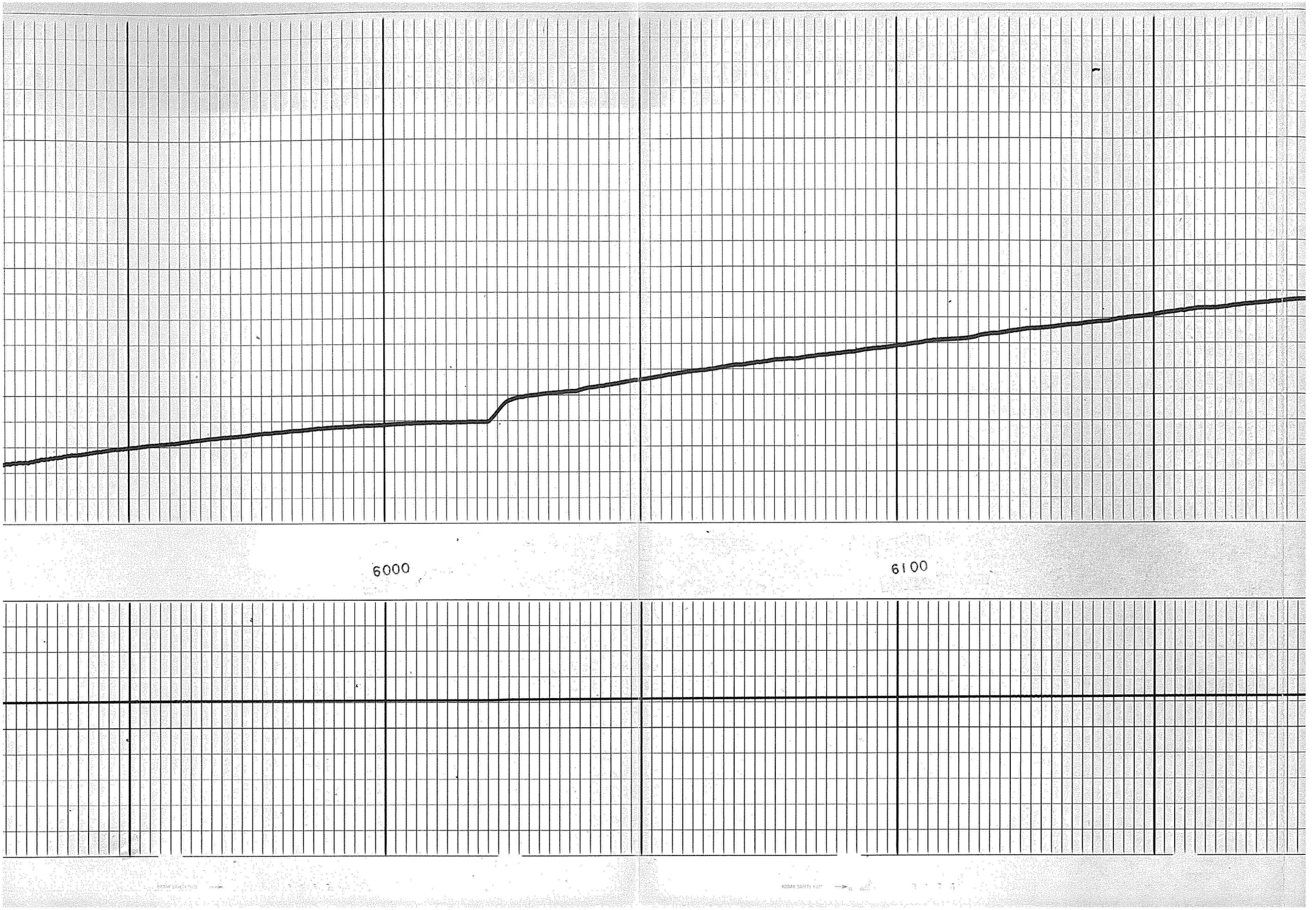
5000

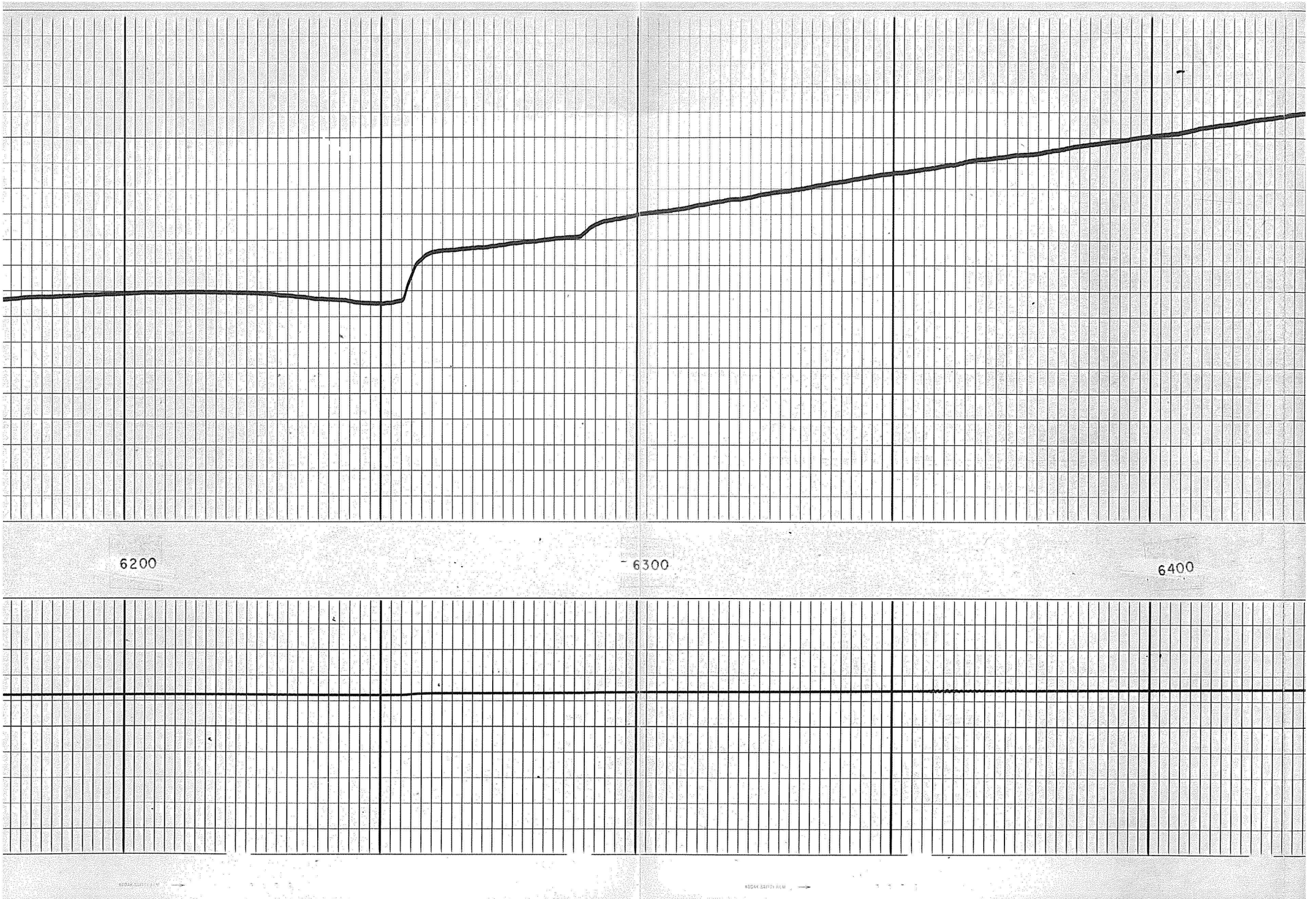
5100

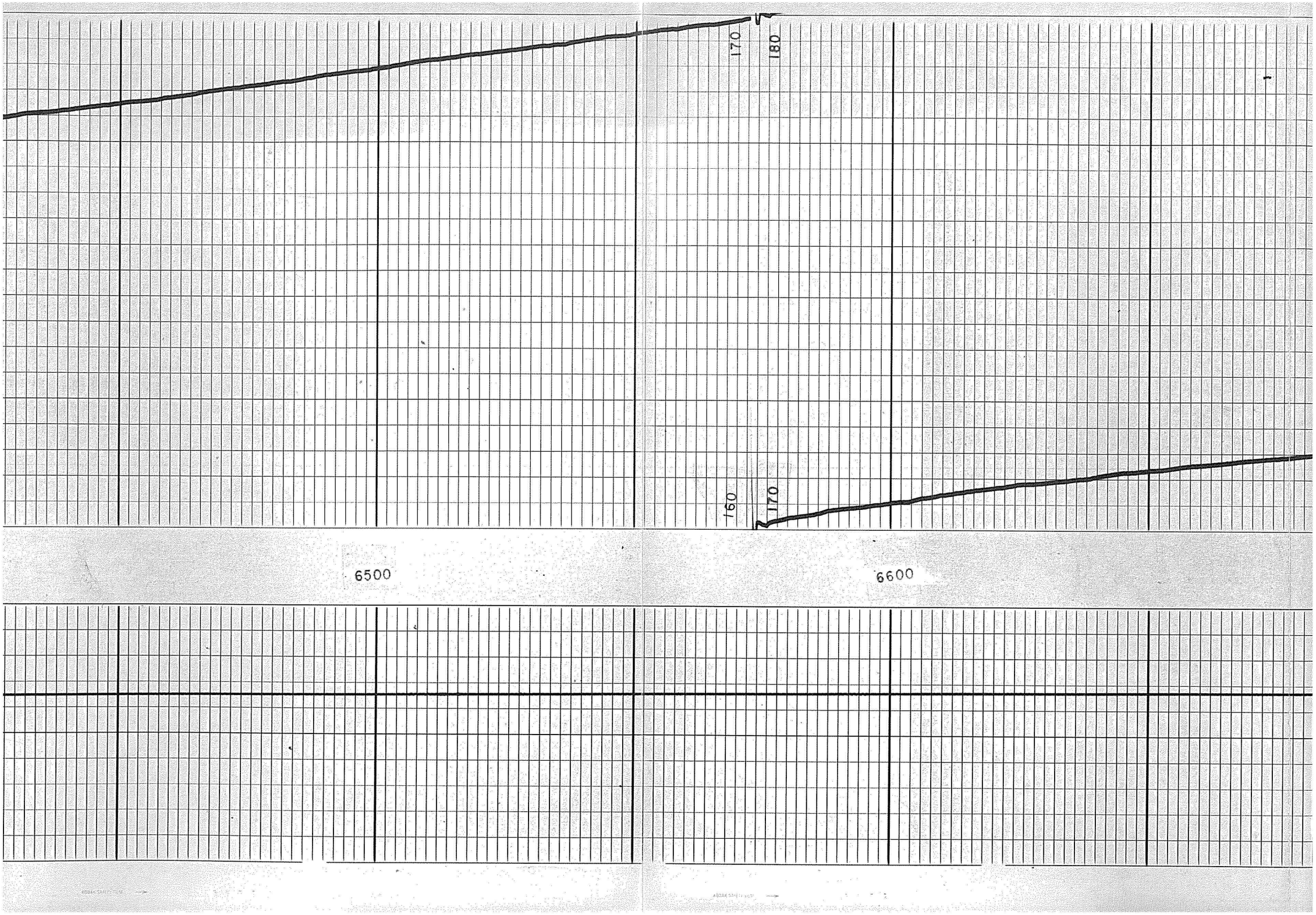

5200
5300
5400

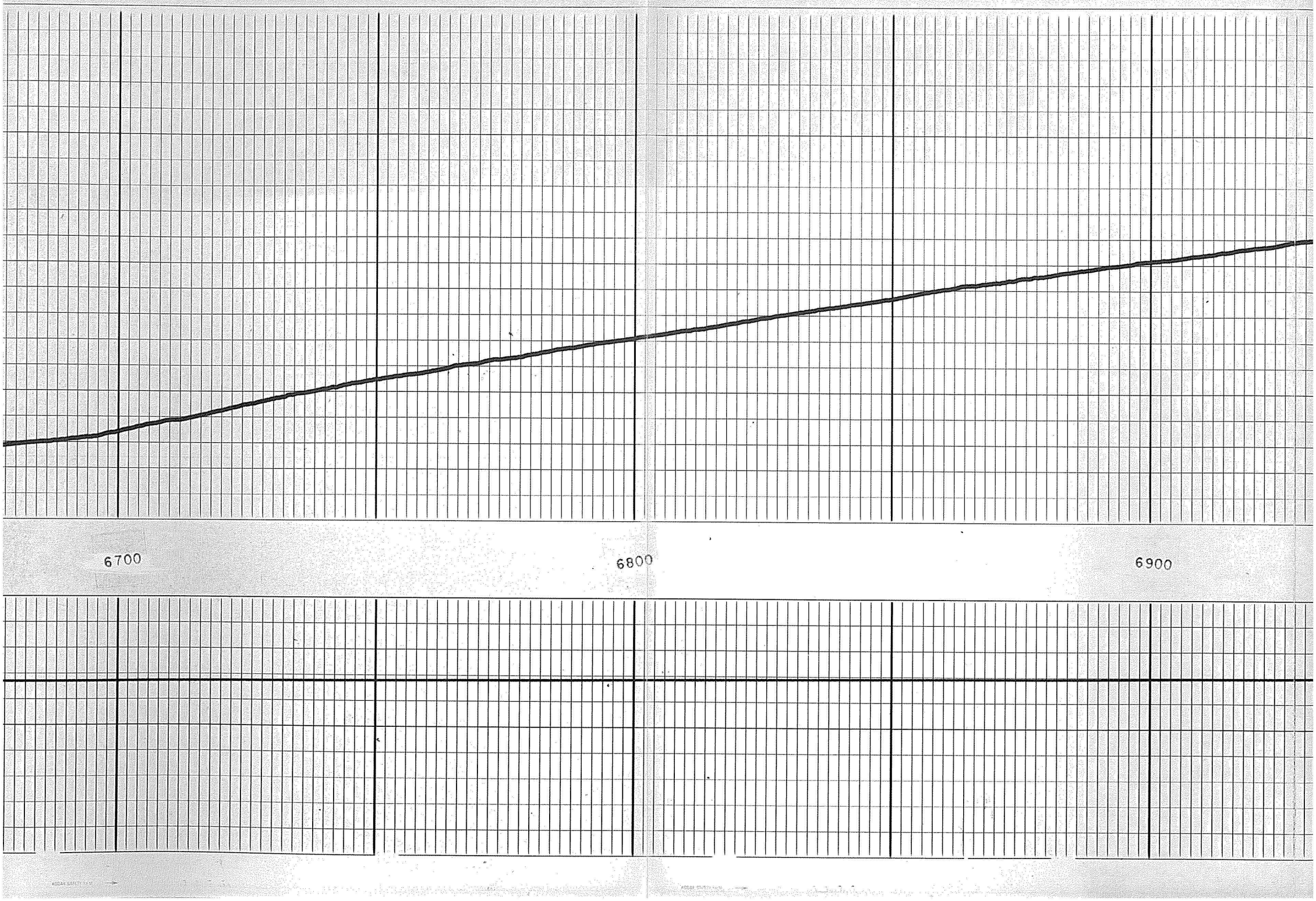

5500
5600

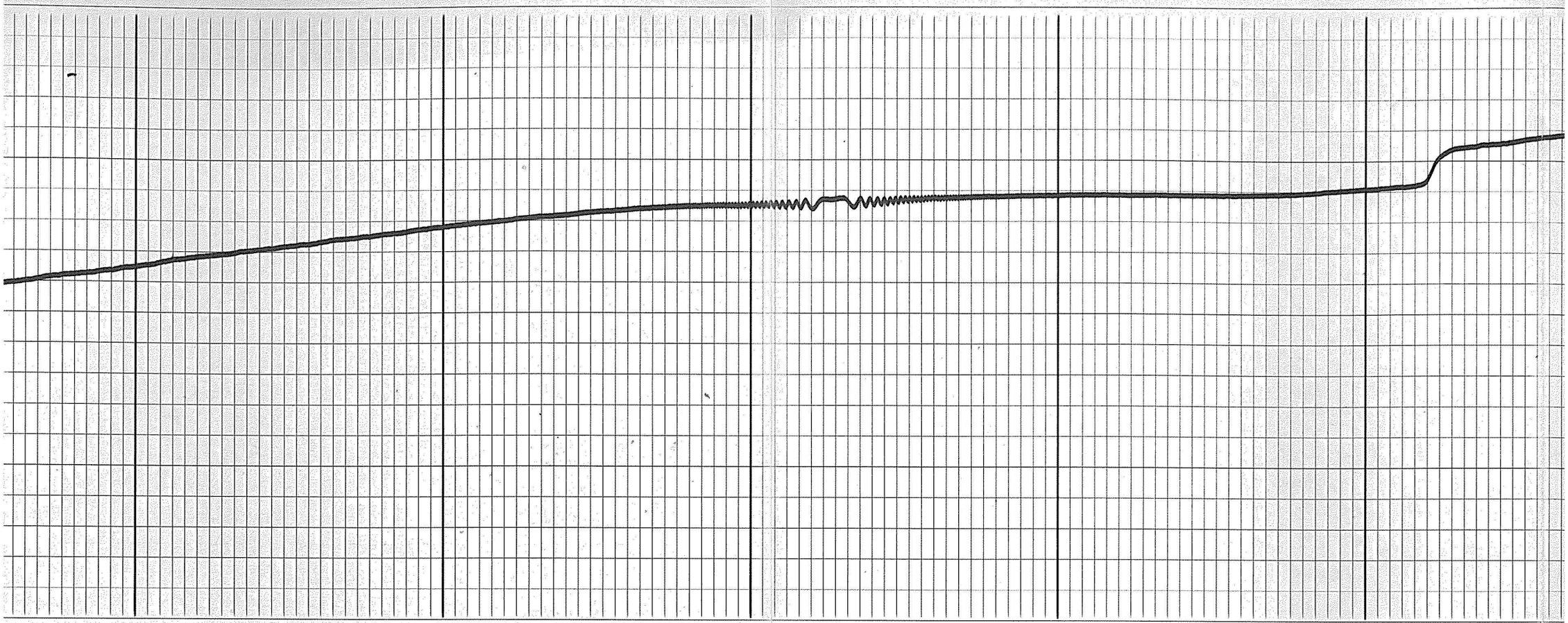

160
170
150
160
5700
5800
5900


6000
6100


6200
6300
6400

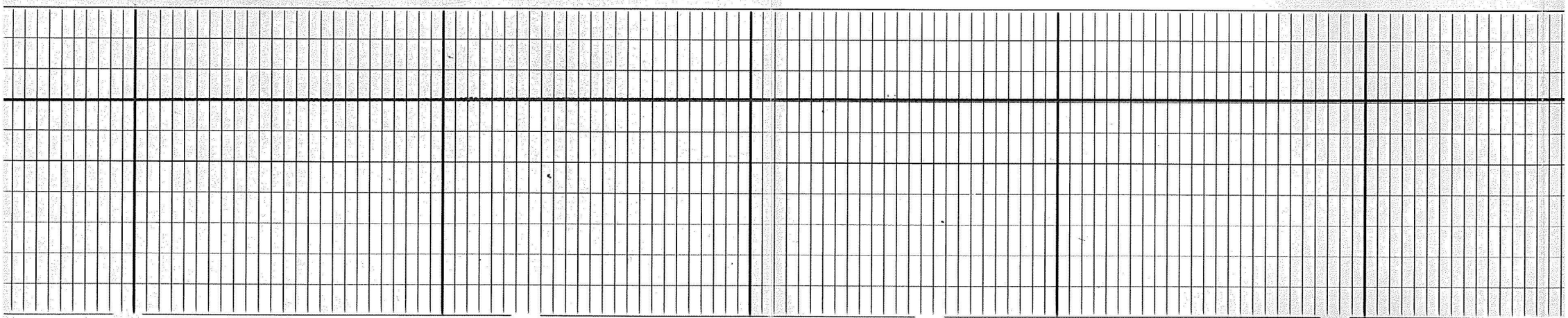

170
180
160
170
6500
6600

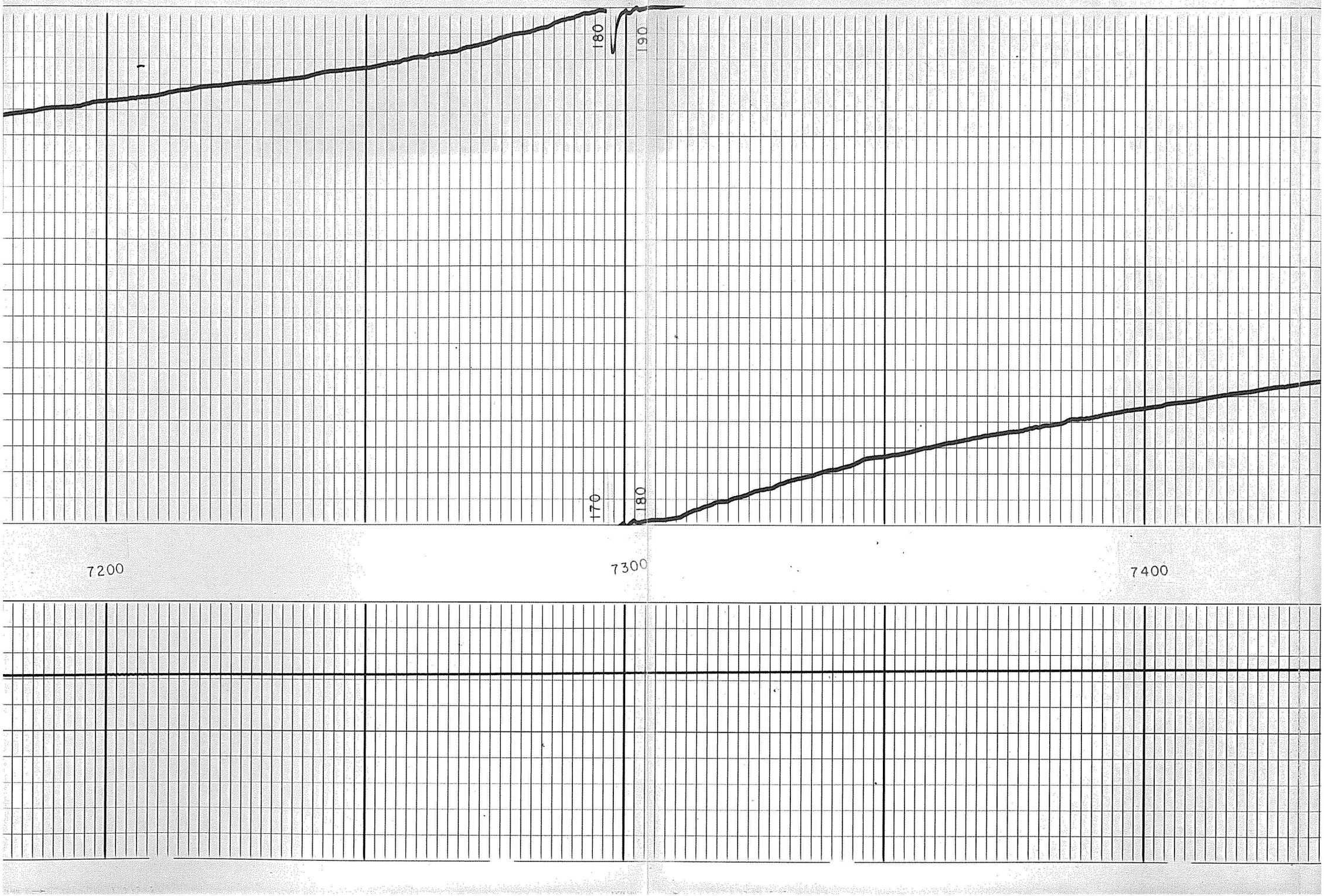

6700
6800
6900

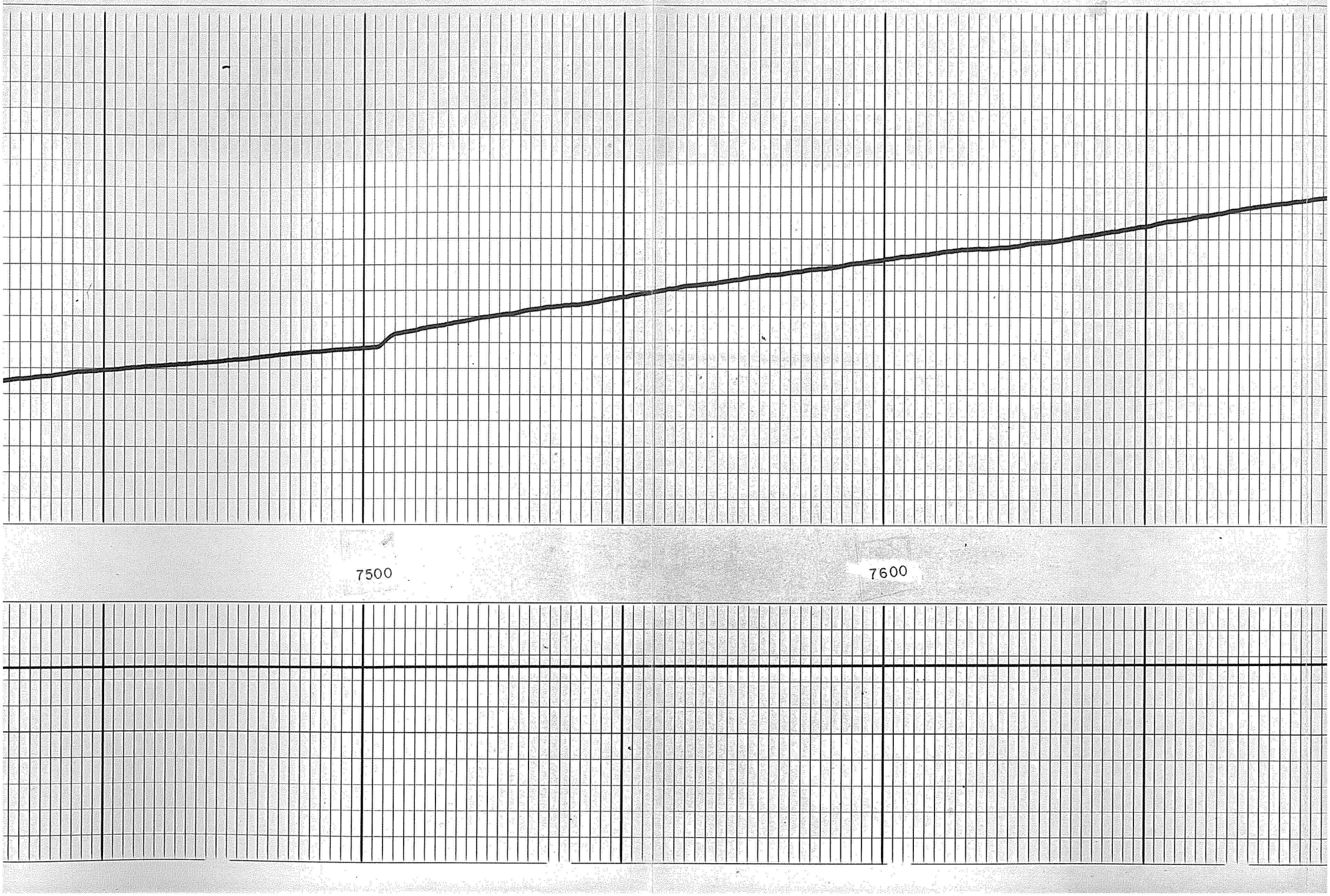


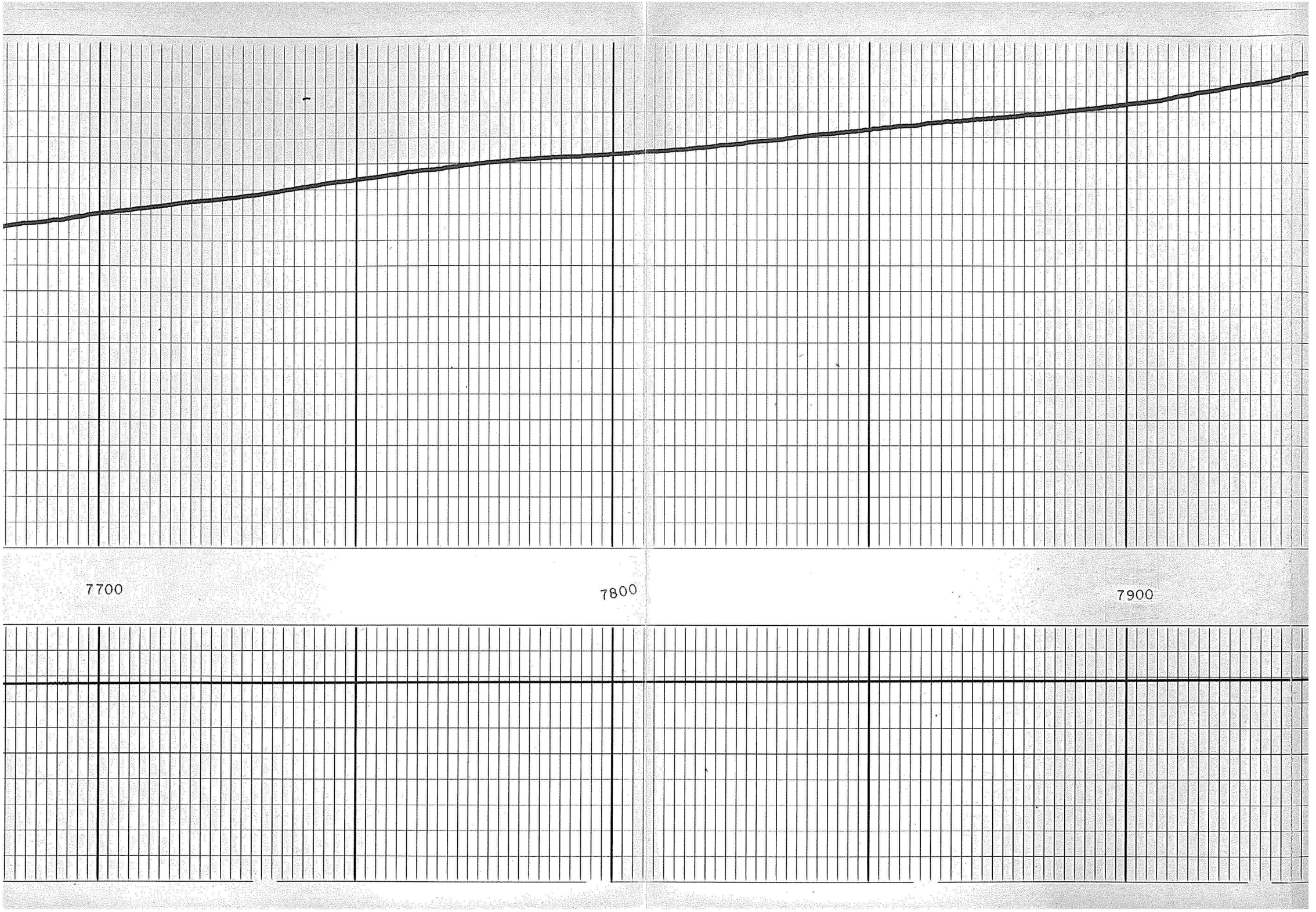
7000

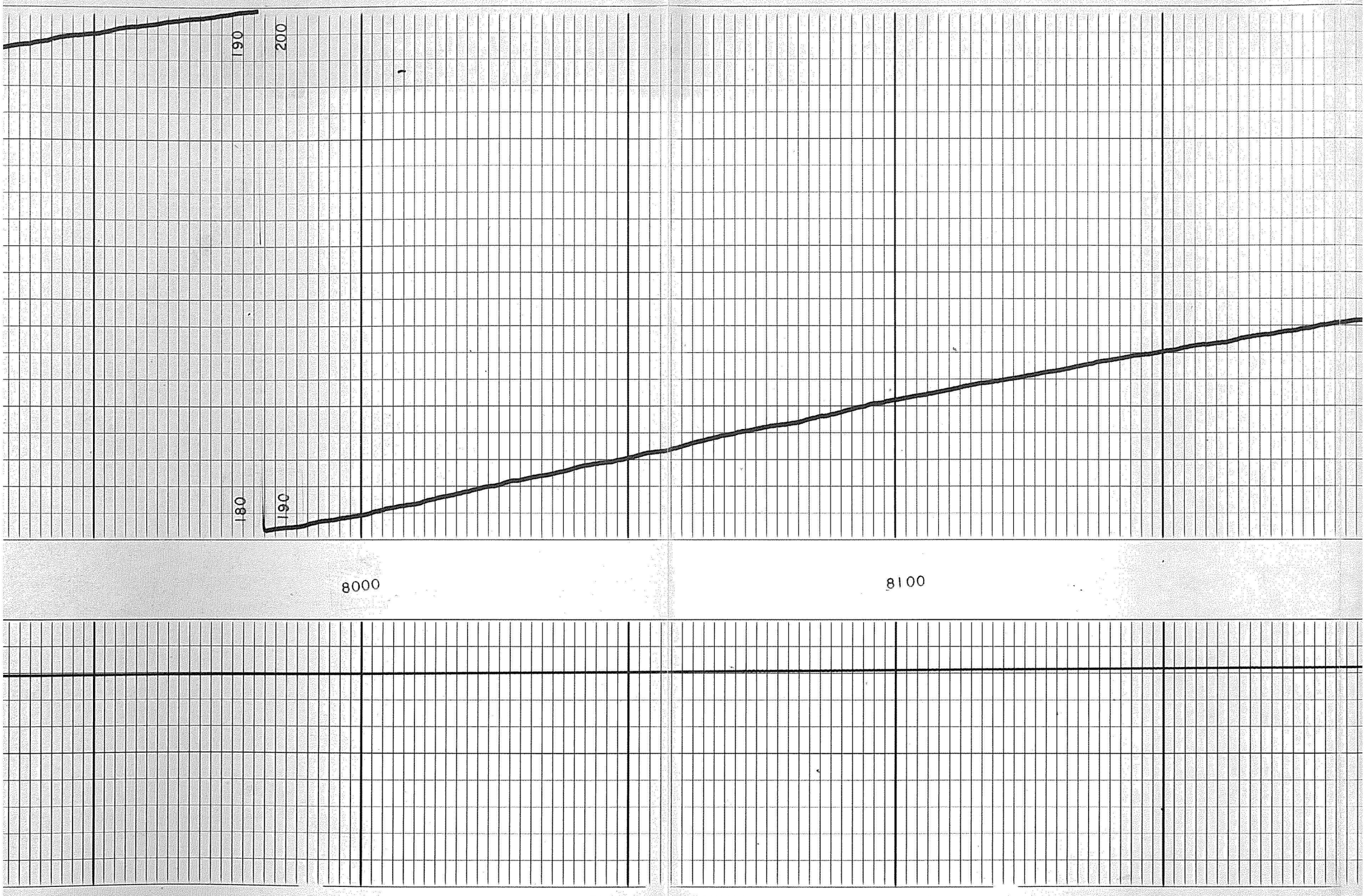
7100

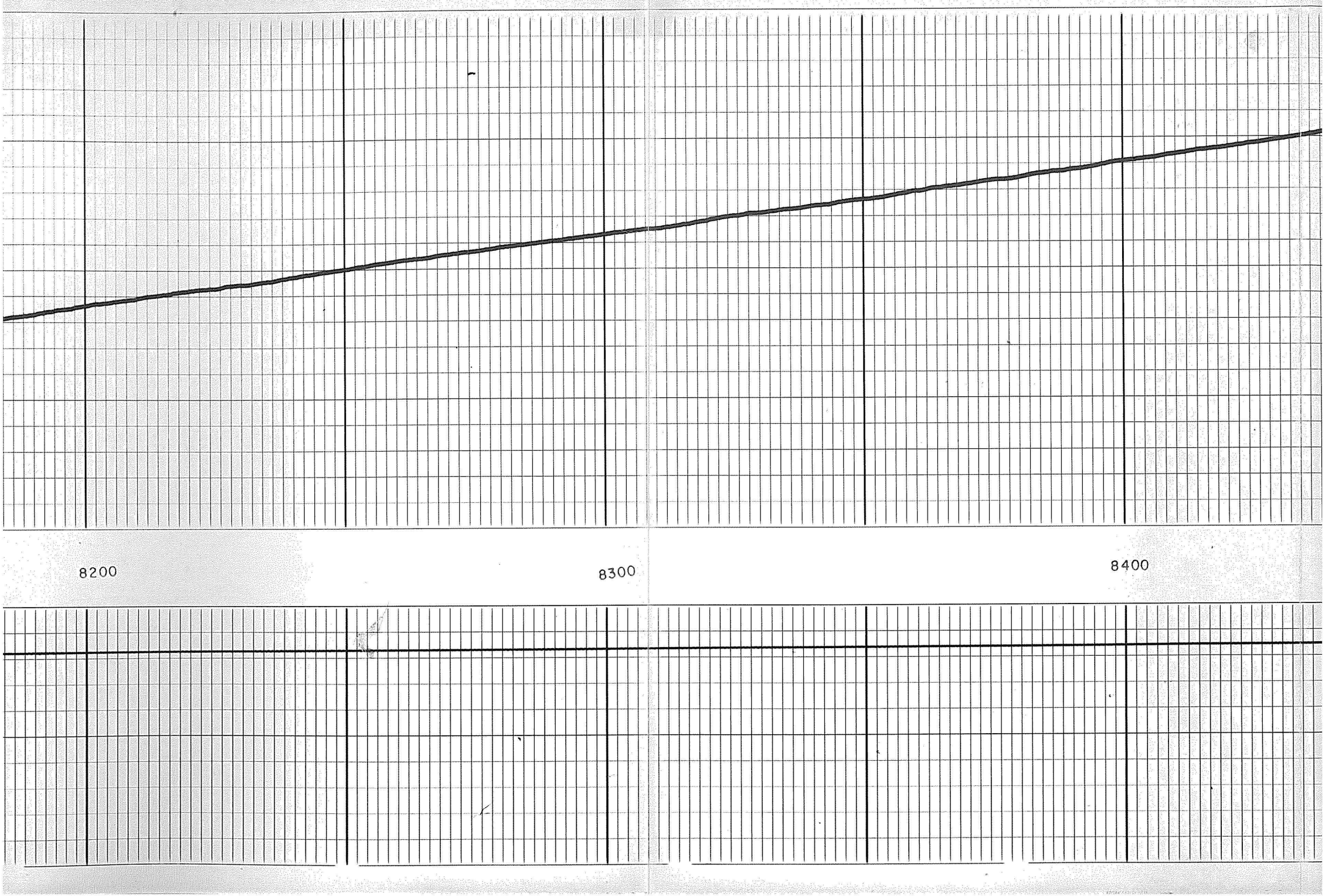


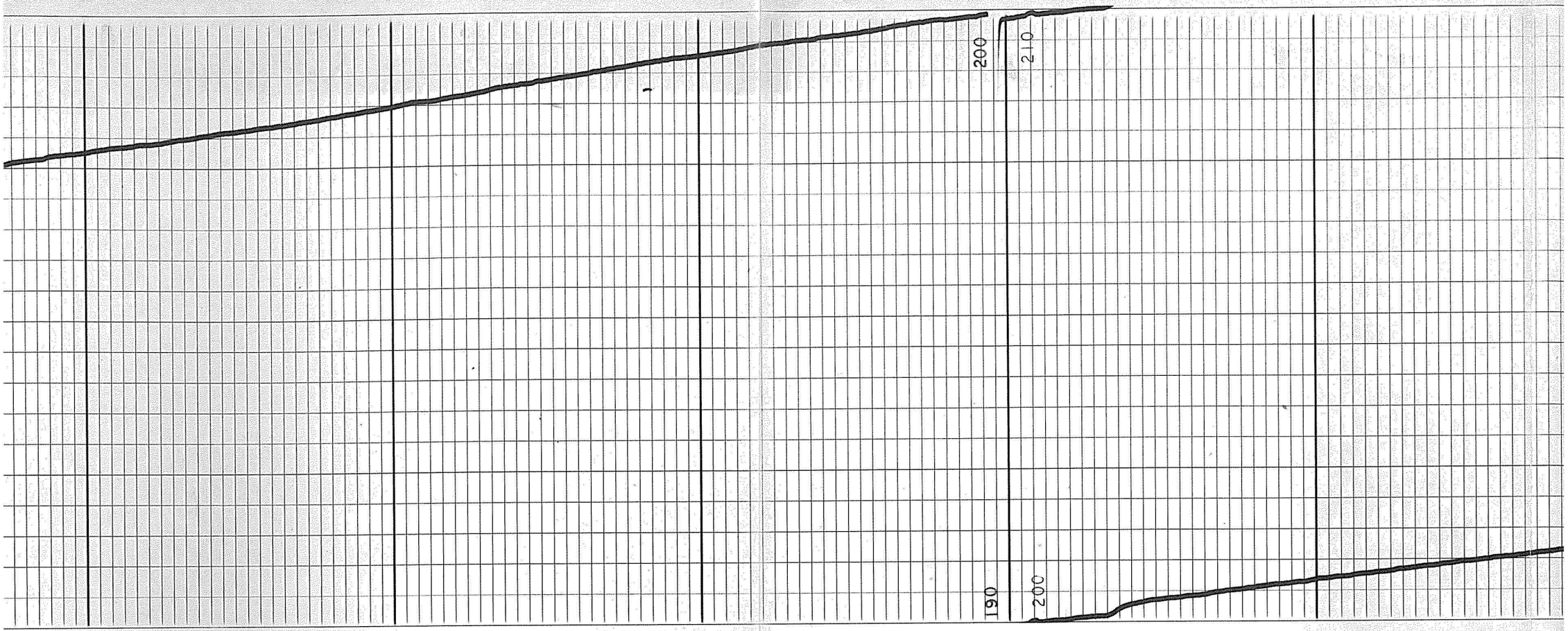

180
190
170
180
7200
7300
7400


7500
7600


7700
7800
7900

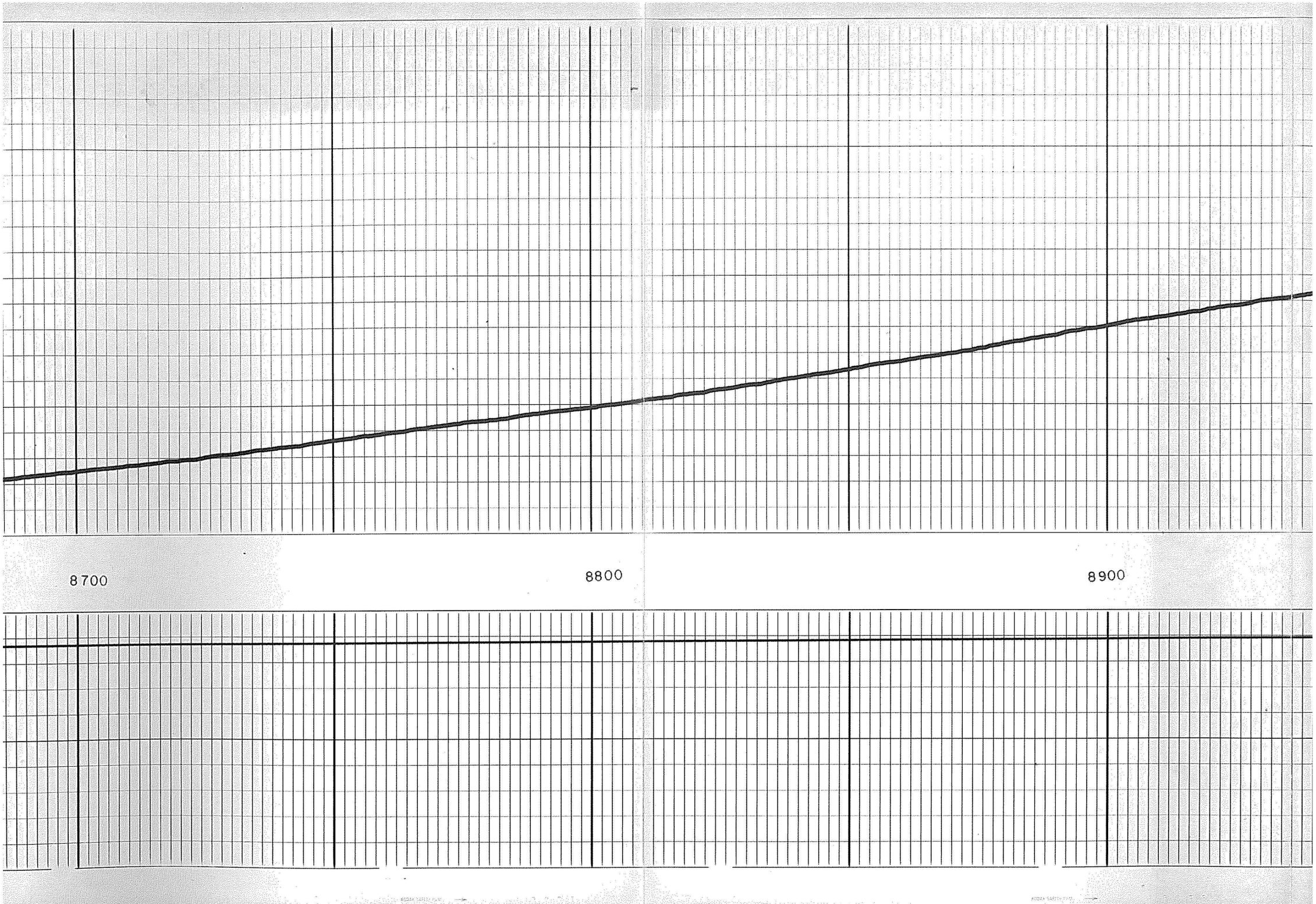

190
200
180
190
8000
8100

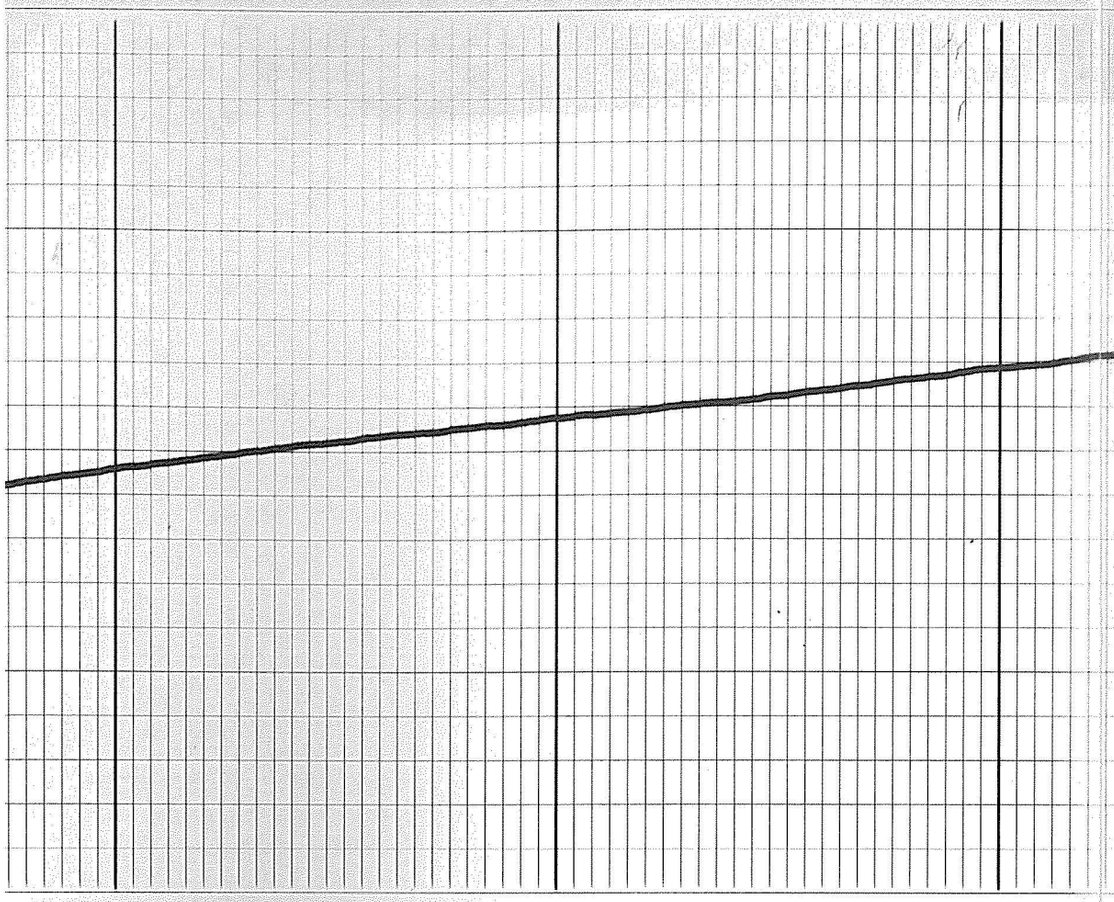

8200
8300
8400



8500

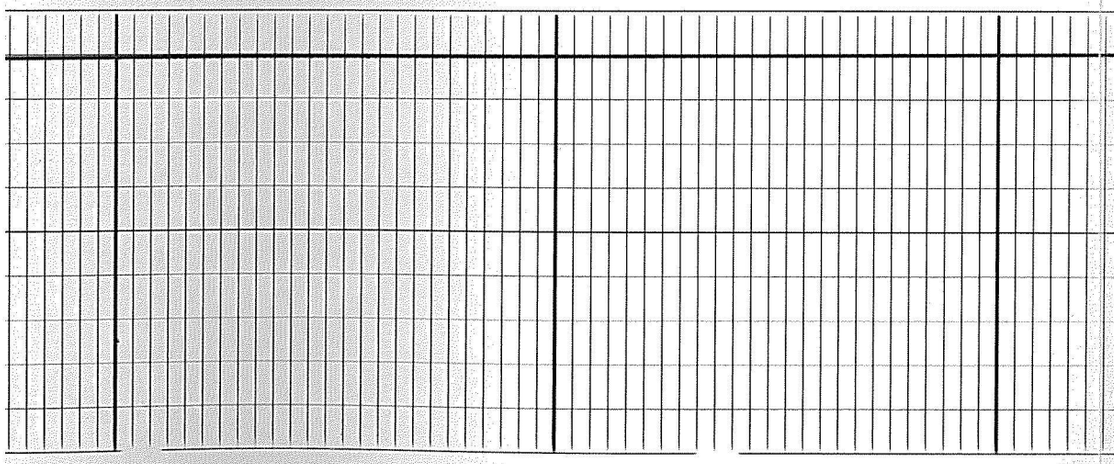
8600

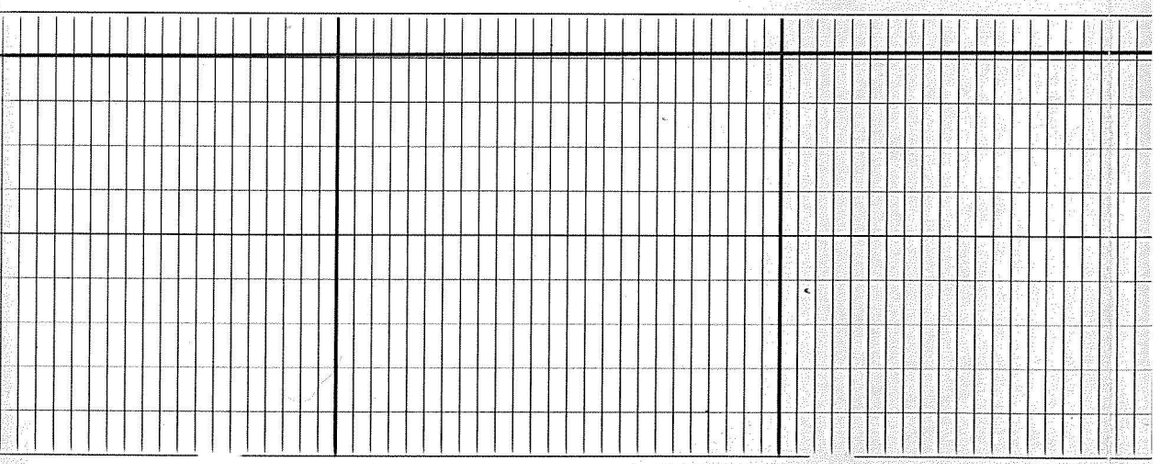

8700
8800
8900

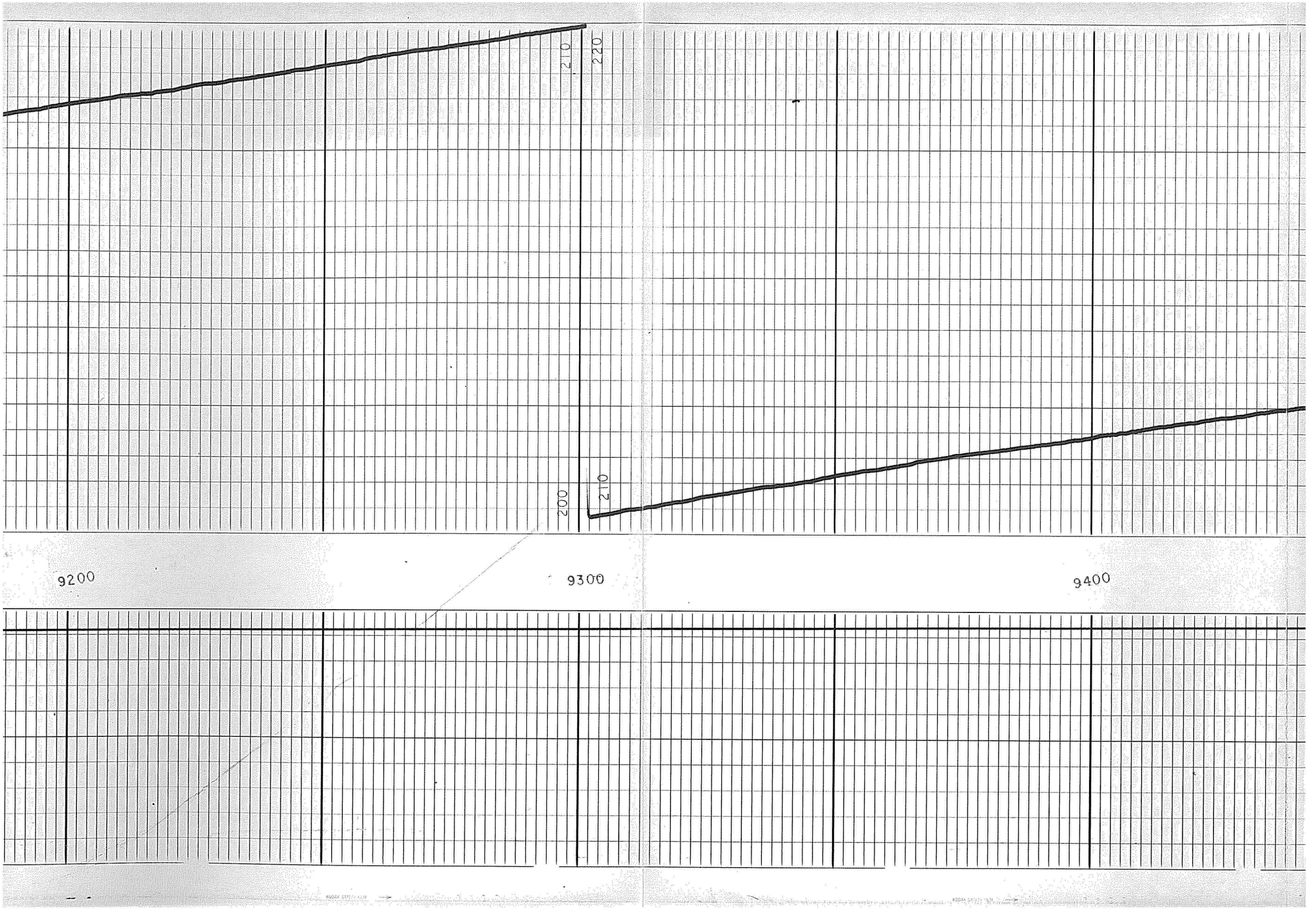


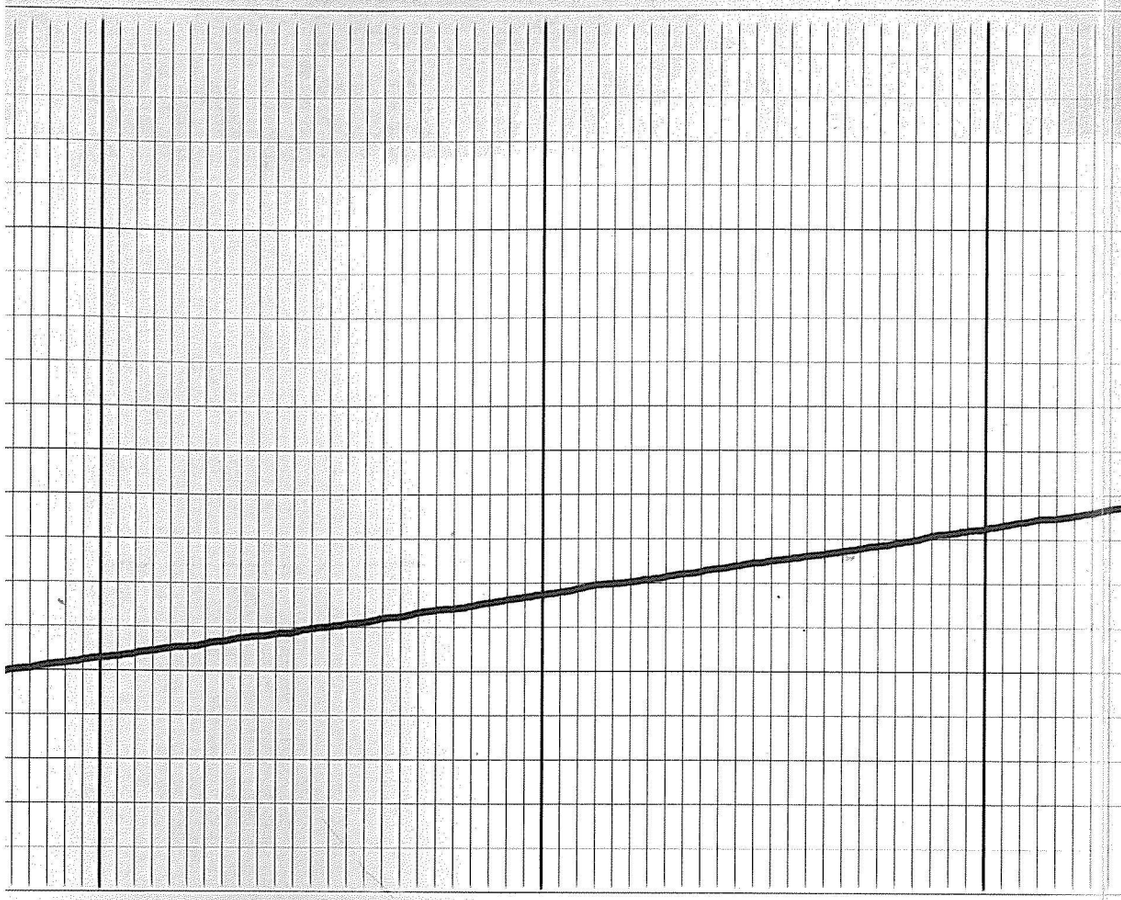
9000

9100

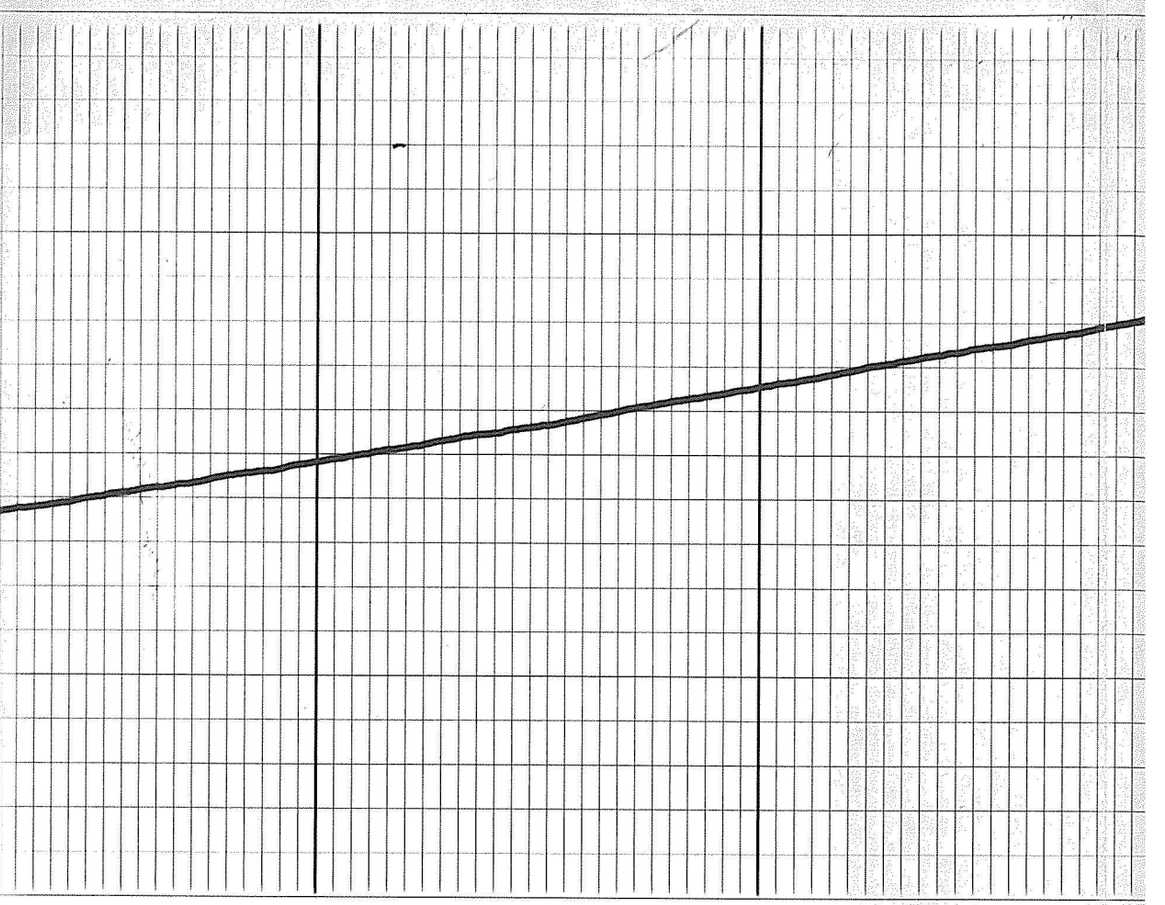




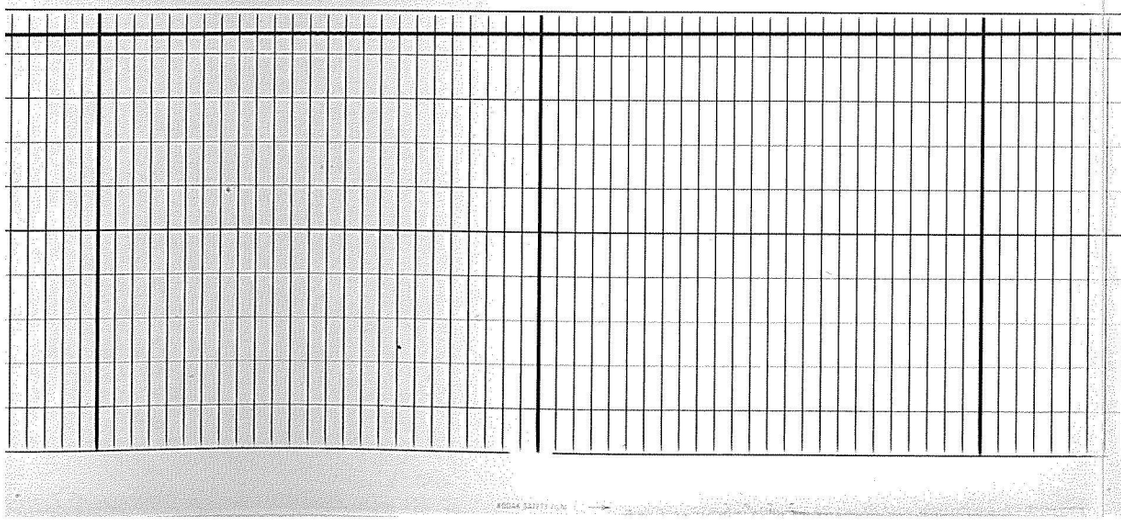

210
220
200
210
9200
9300
9400

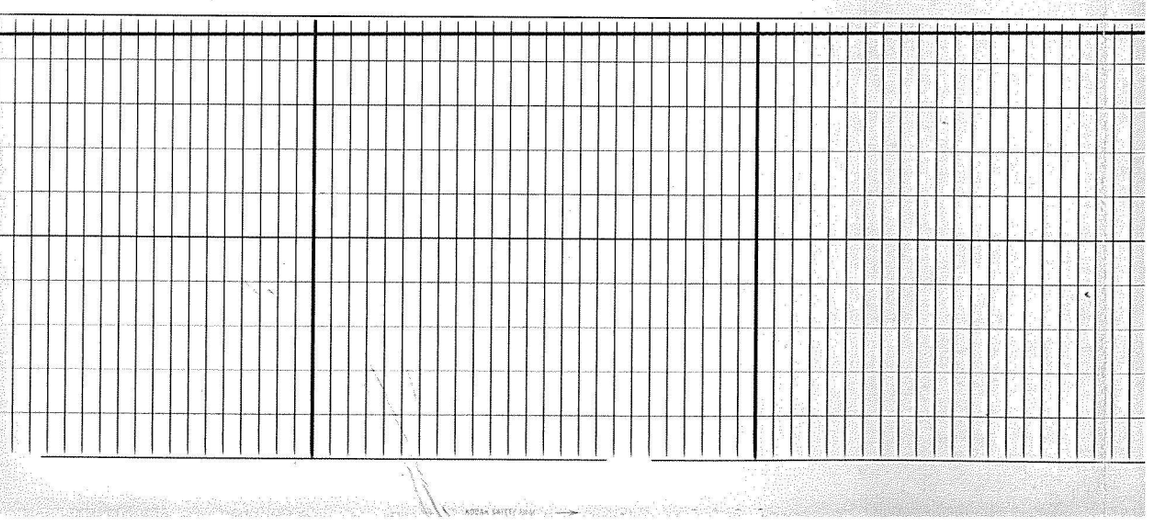


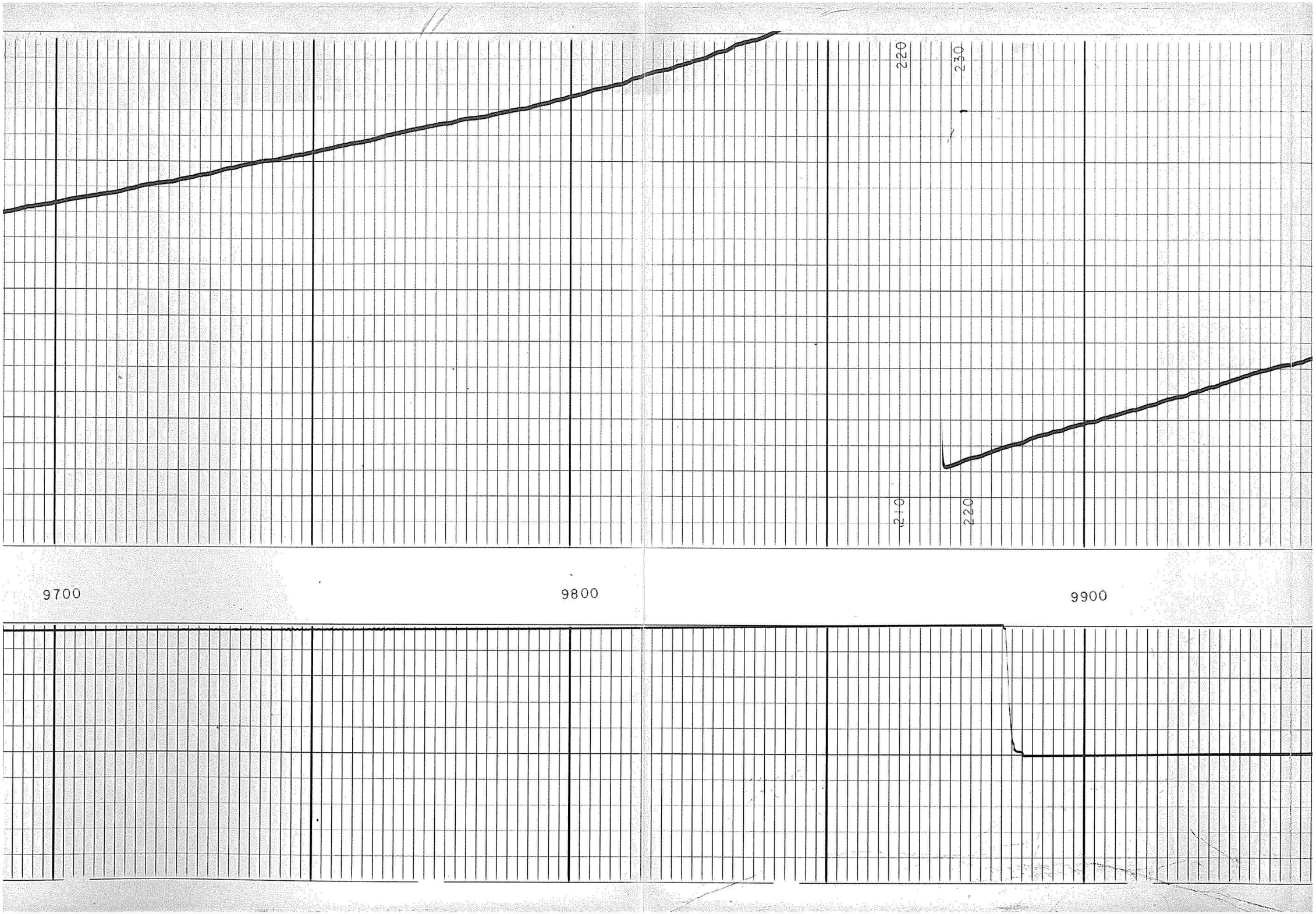
9500



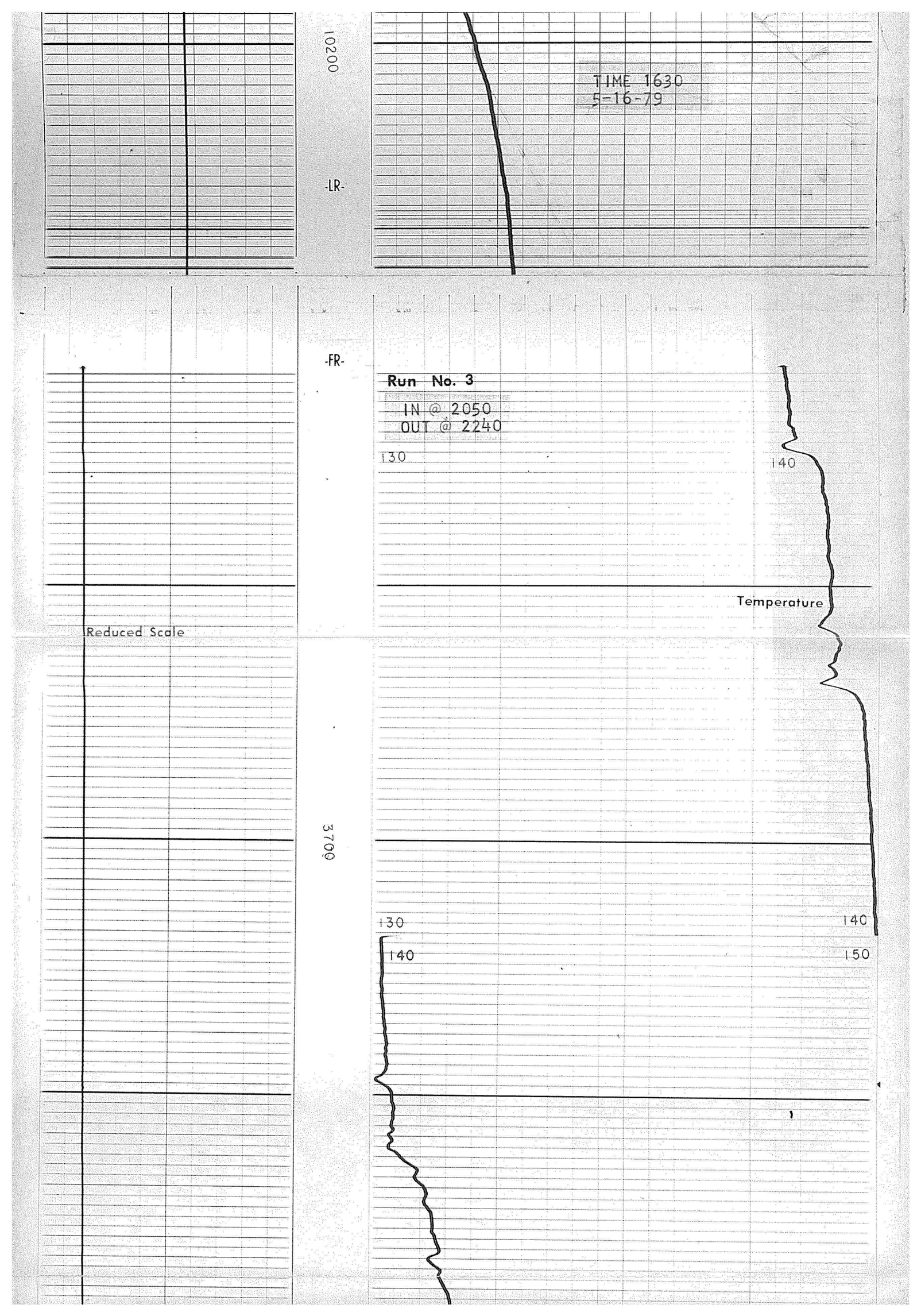
9600

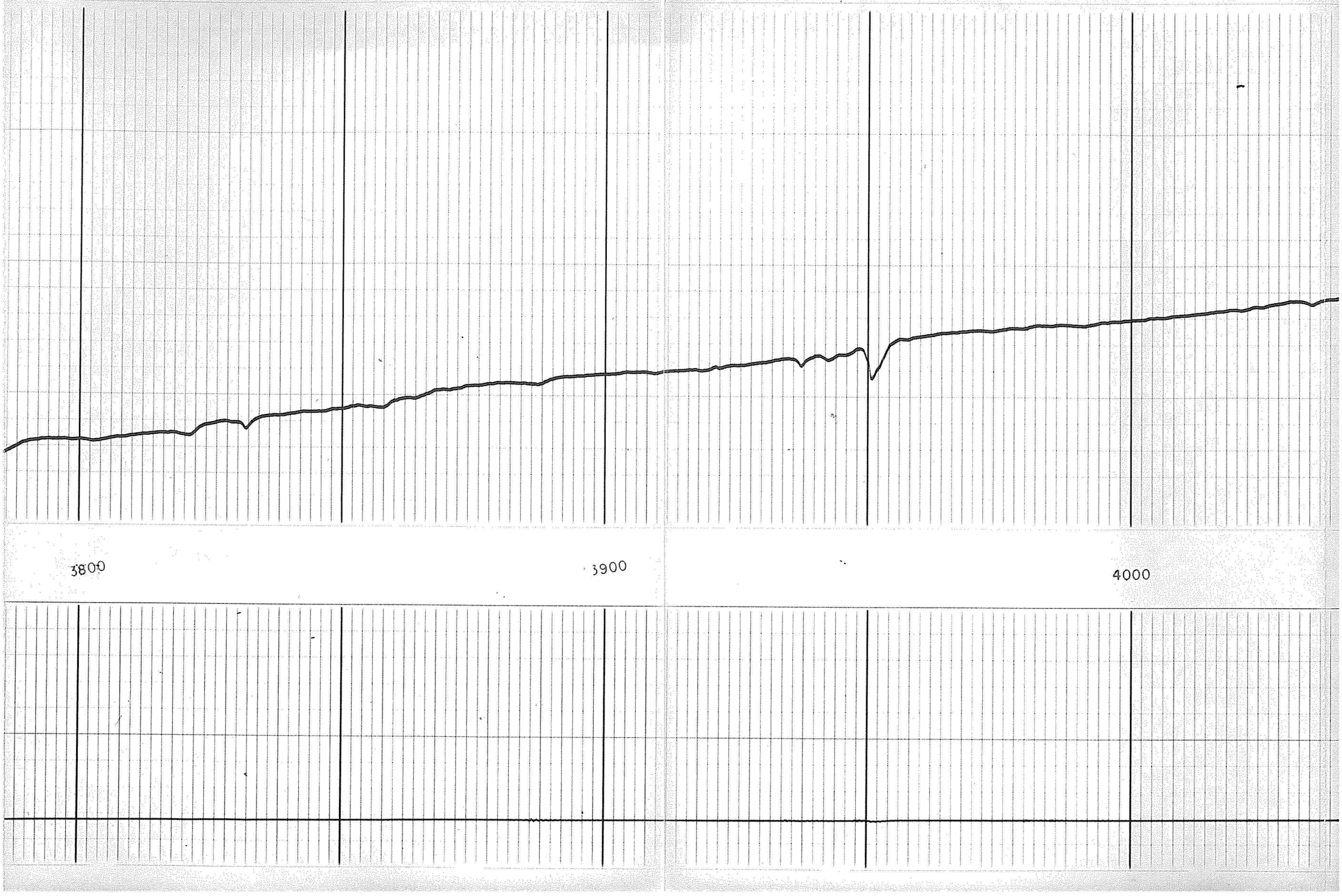


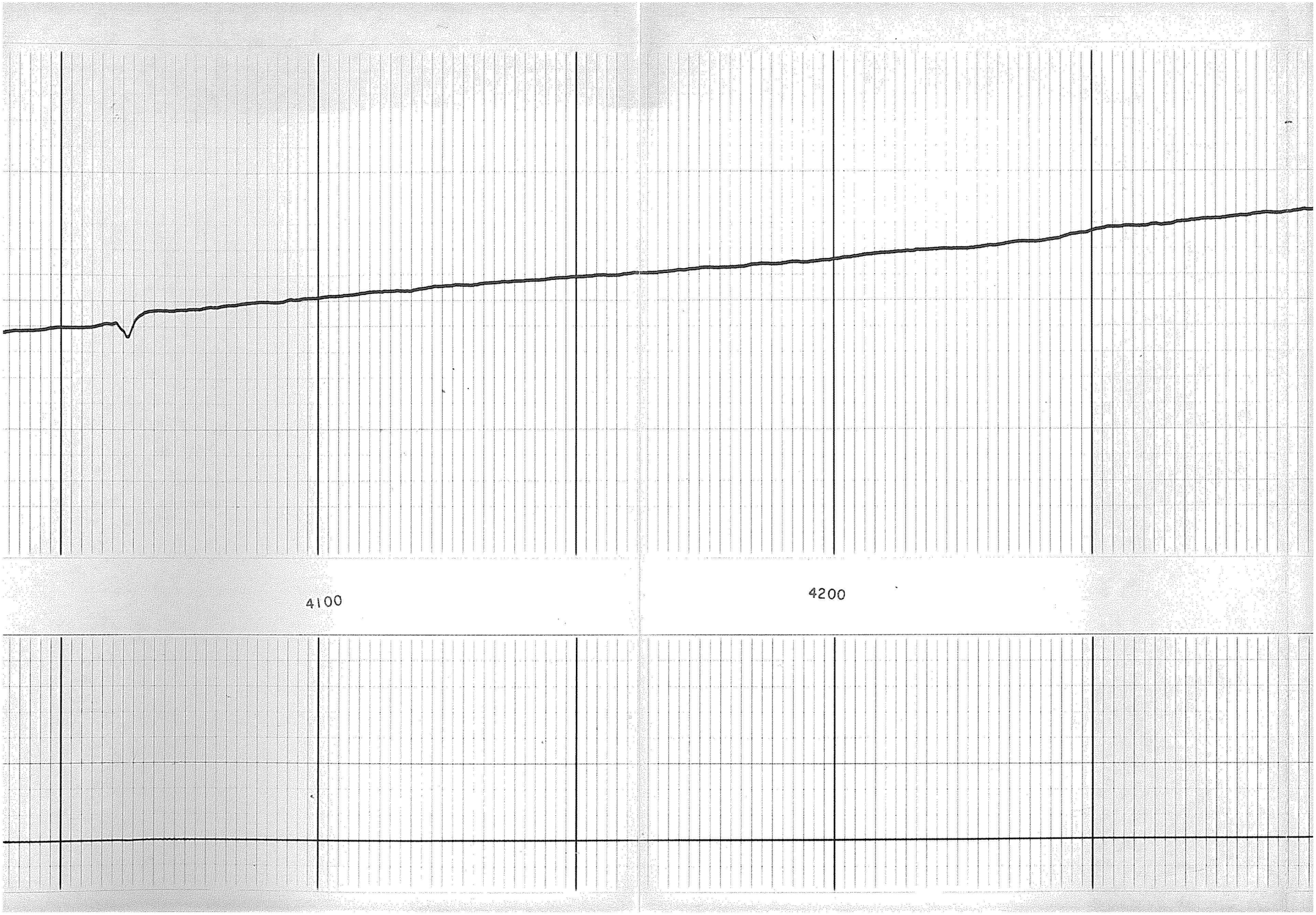


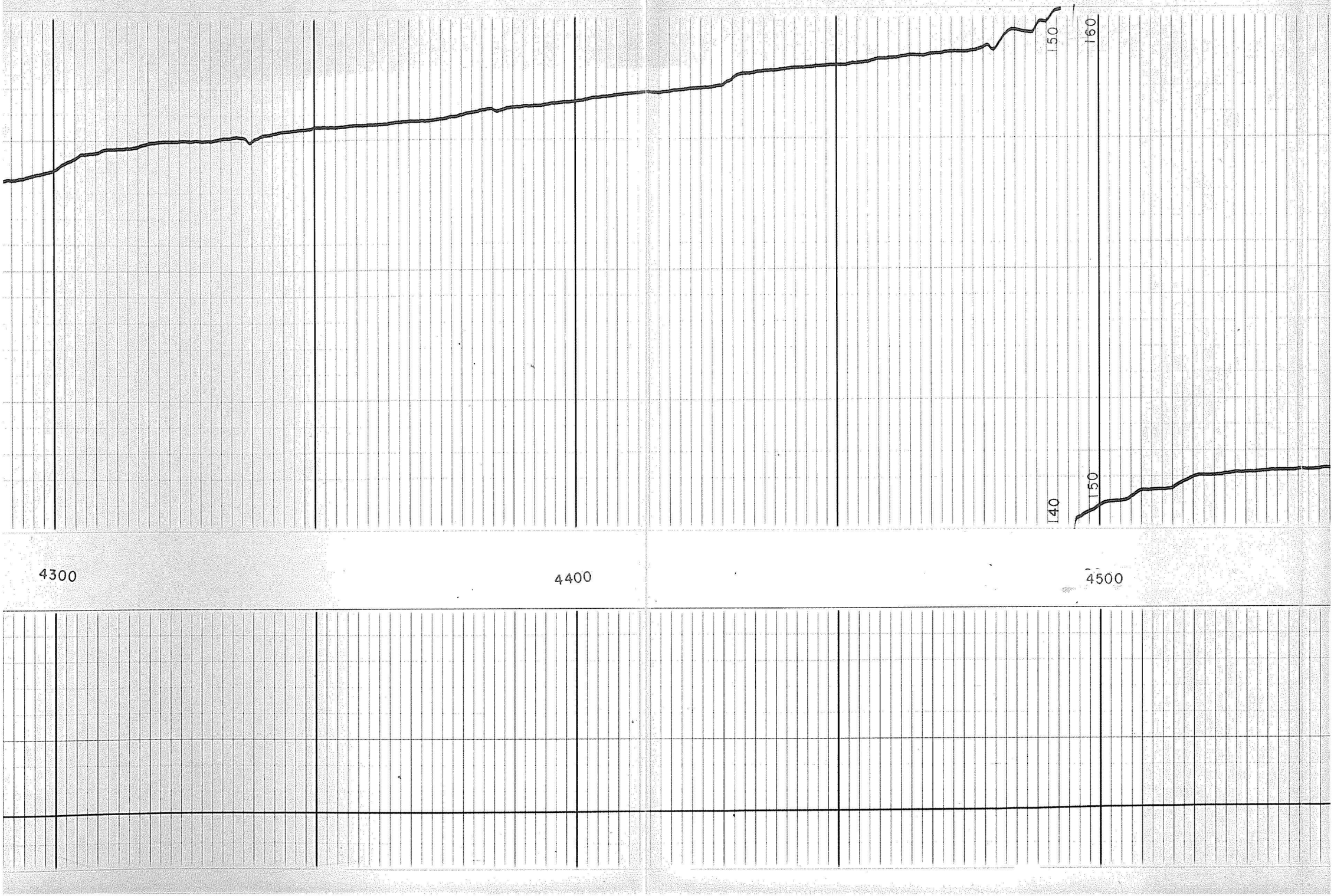

220
230
210
220
9700
9800
9900

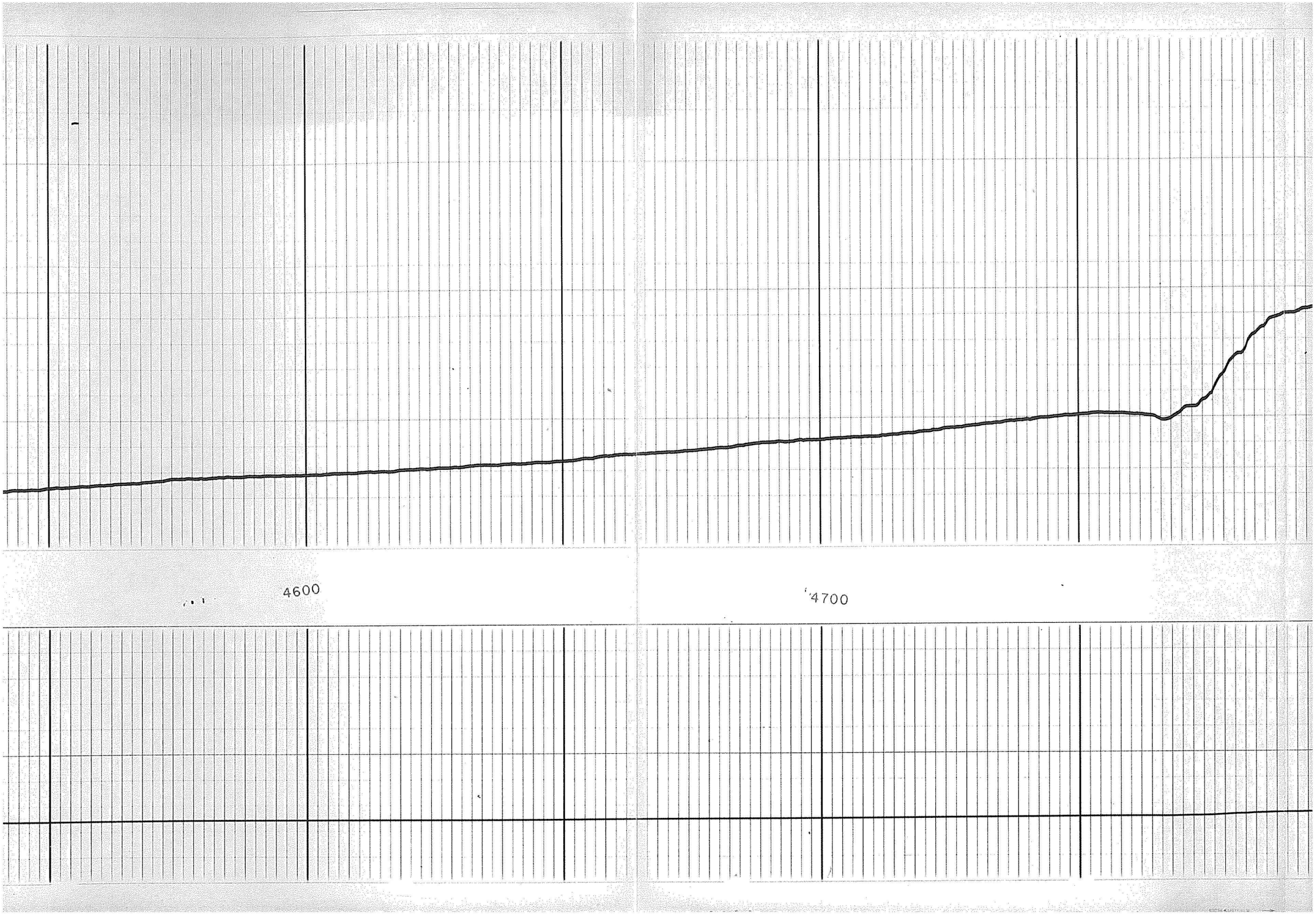
230
240
220
230
Temperature
10000
10100
Reduced Scale


10200
-LR-
TIME 1630
5-16-79
-FR-
Run No. 3
IN @ 2050
OUT @ 2240
130
140
Temperature
Reduced Scale
3700
130
140
140
150


3800
3900
4000

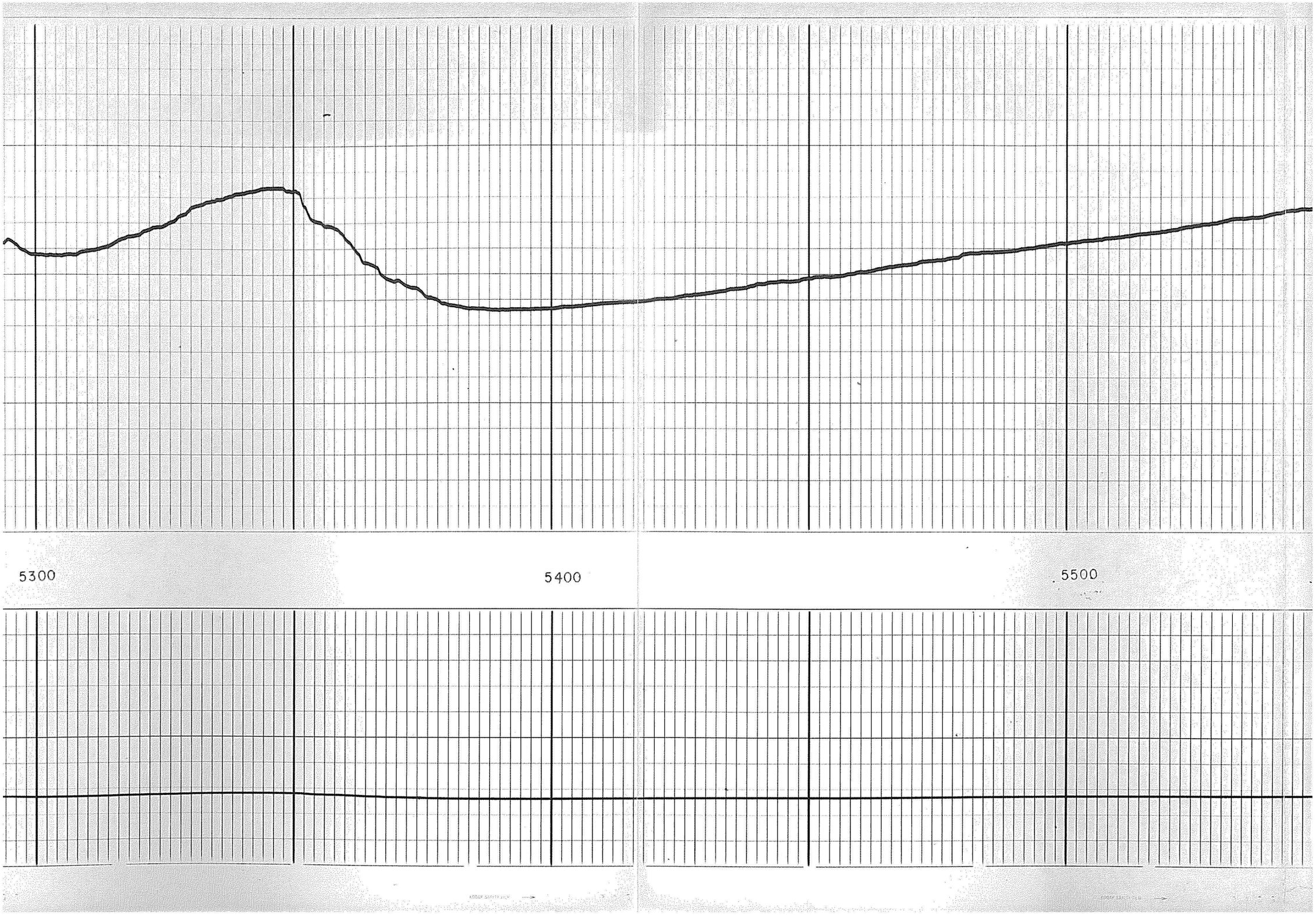

4100
4200

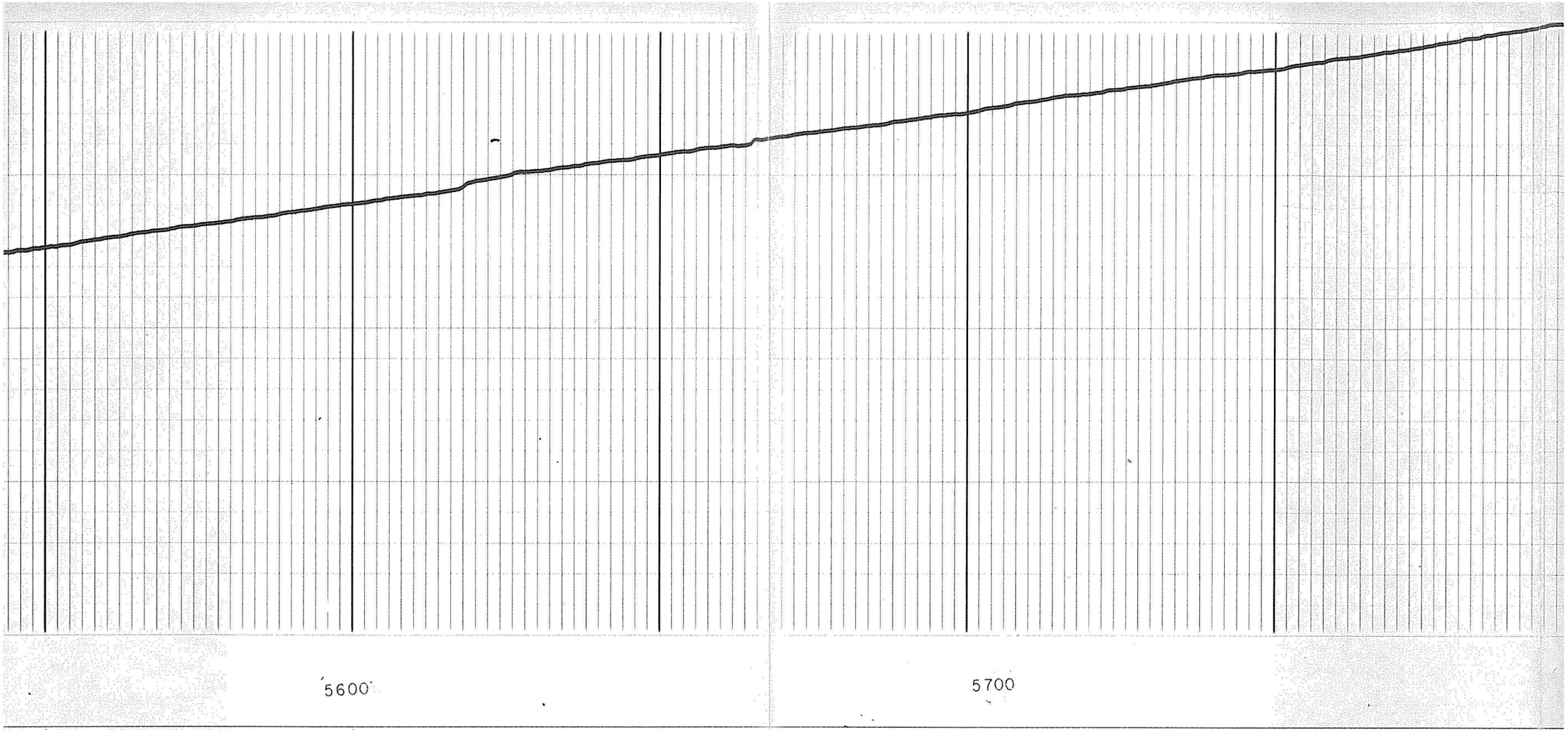

150
160
140
150
4300
4400
4500

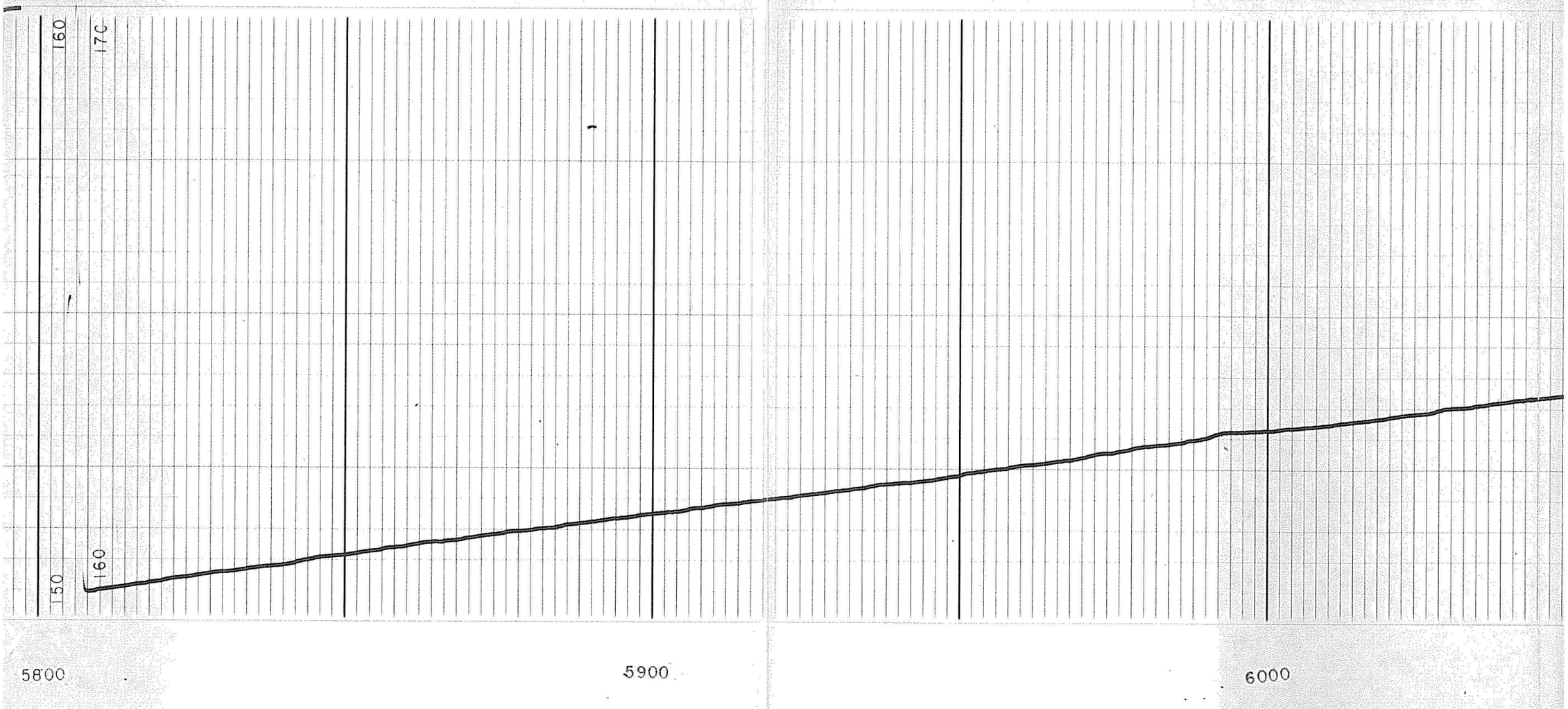

4600
4700

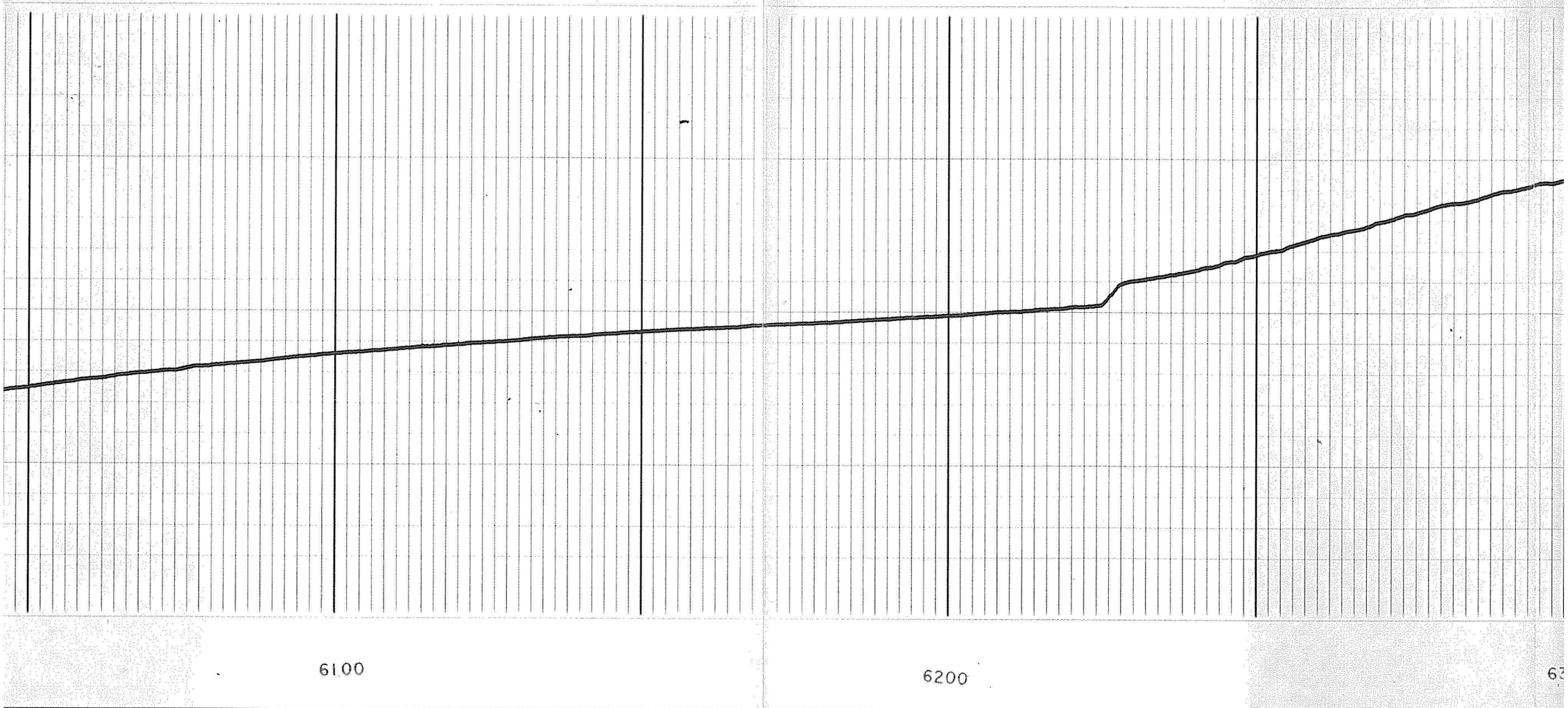
4800
4900
5000

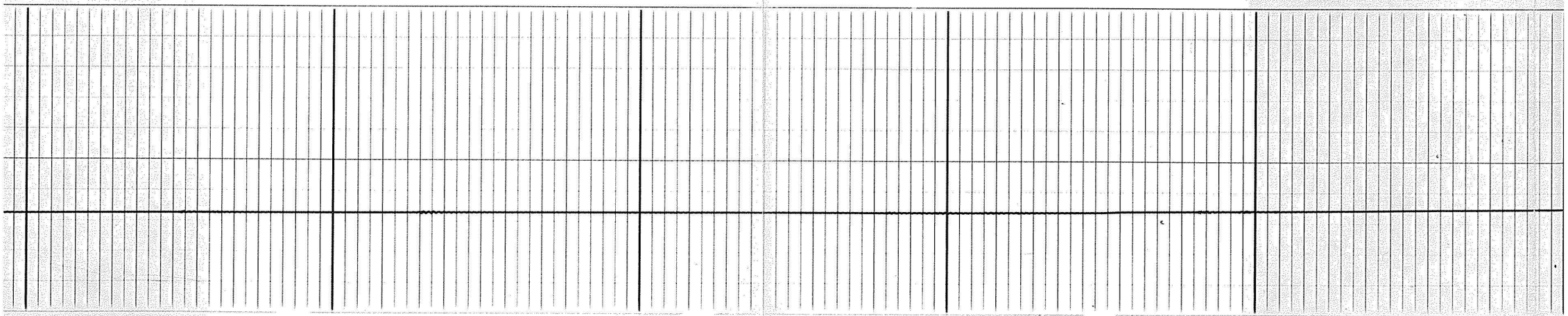
5100
5200

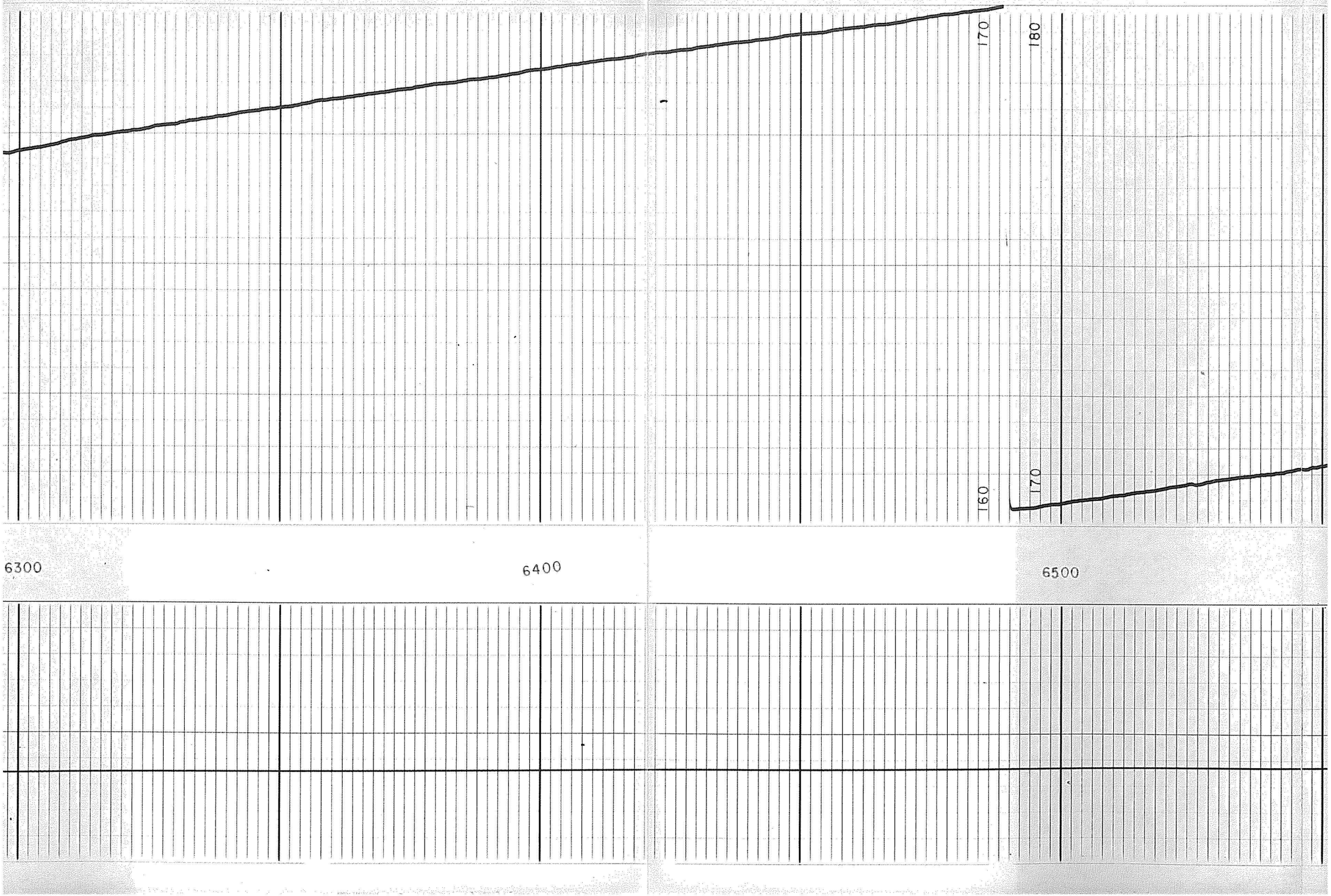

5300
5400
5500


5600
5700

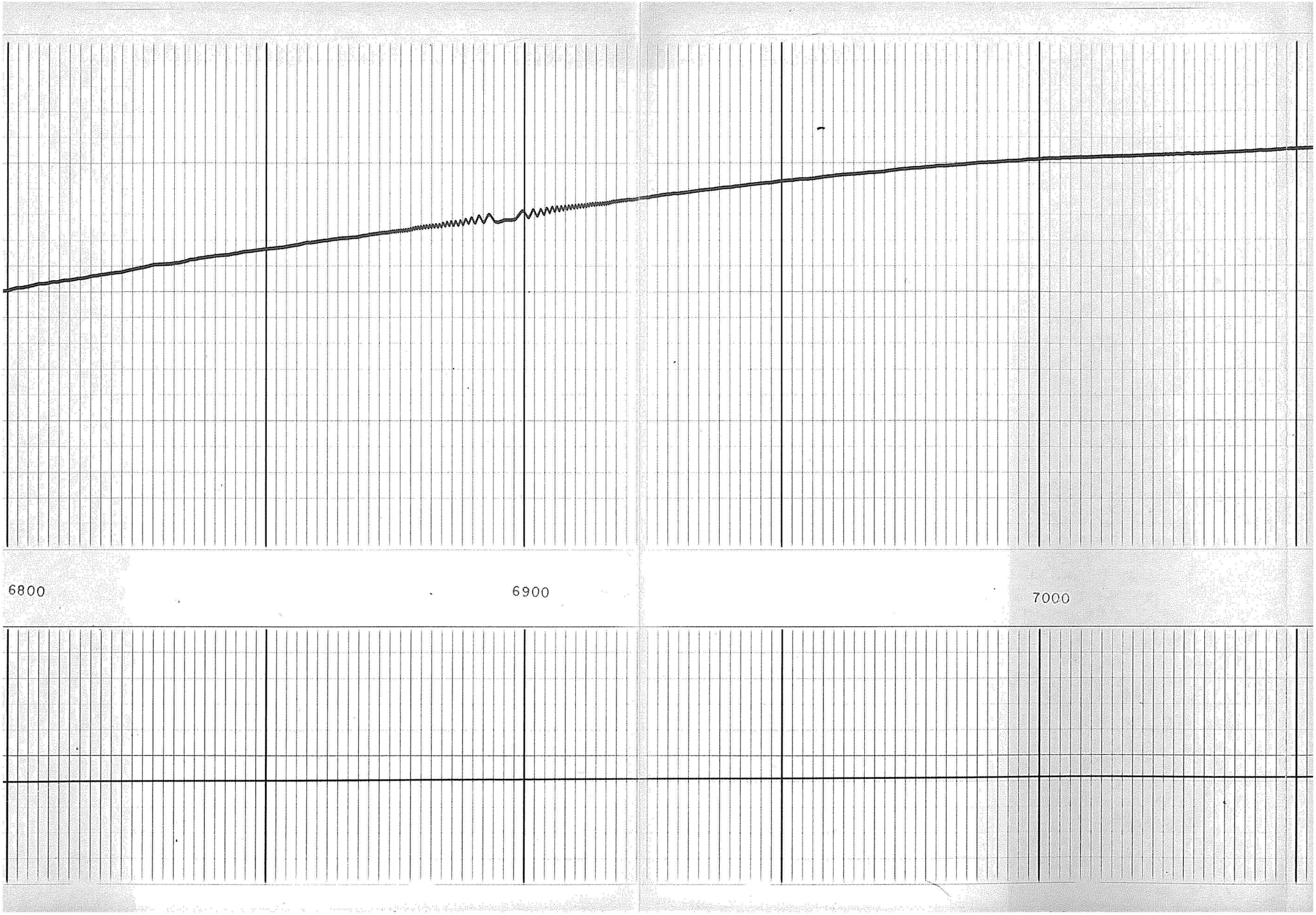

160
170
150
160
5800
5900
6000

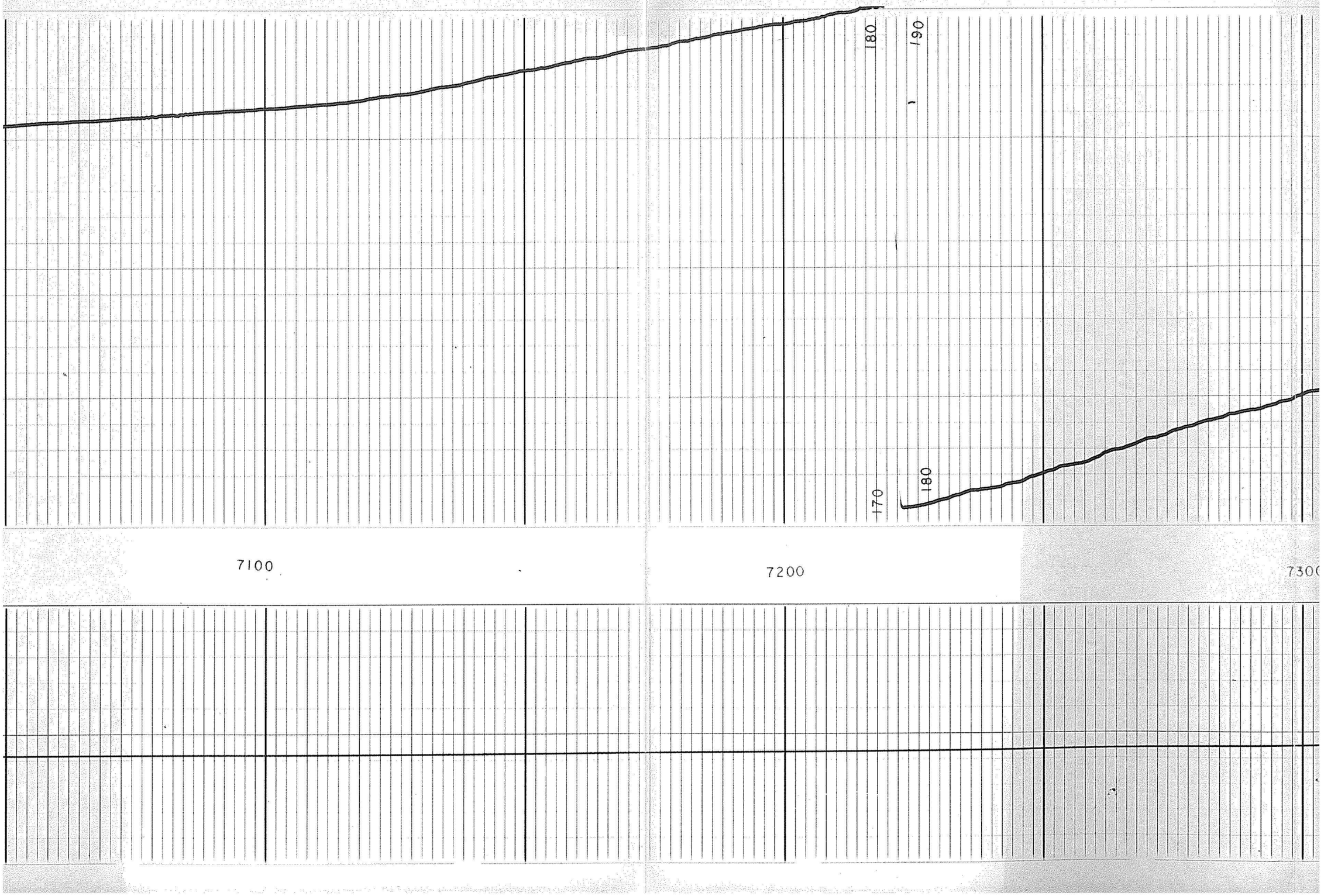

6100
6200

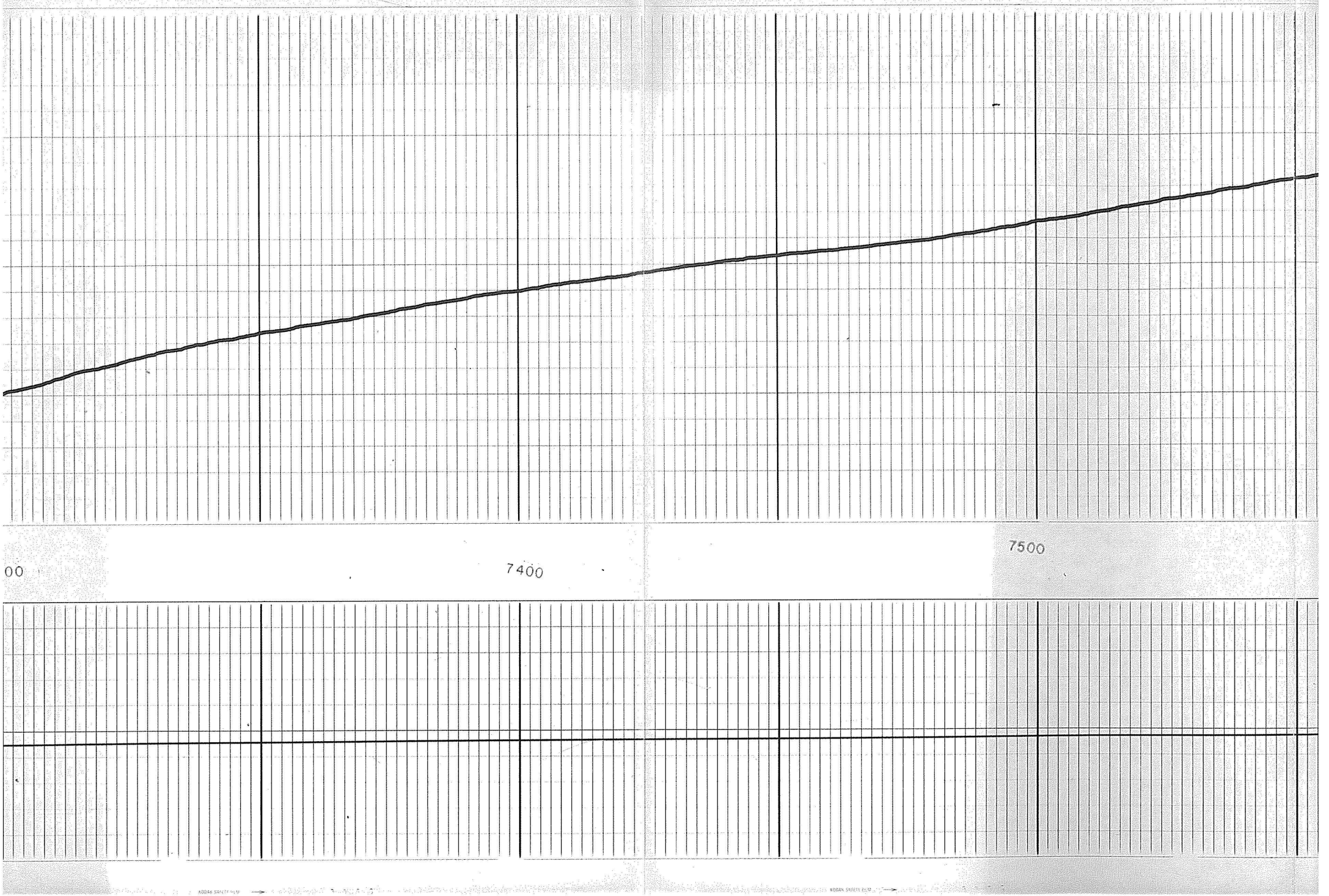


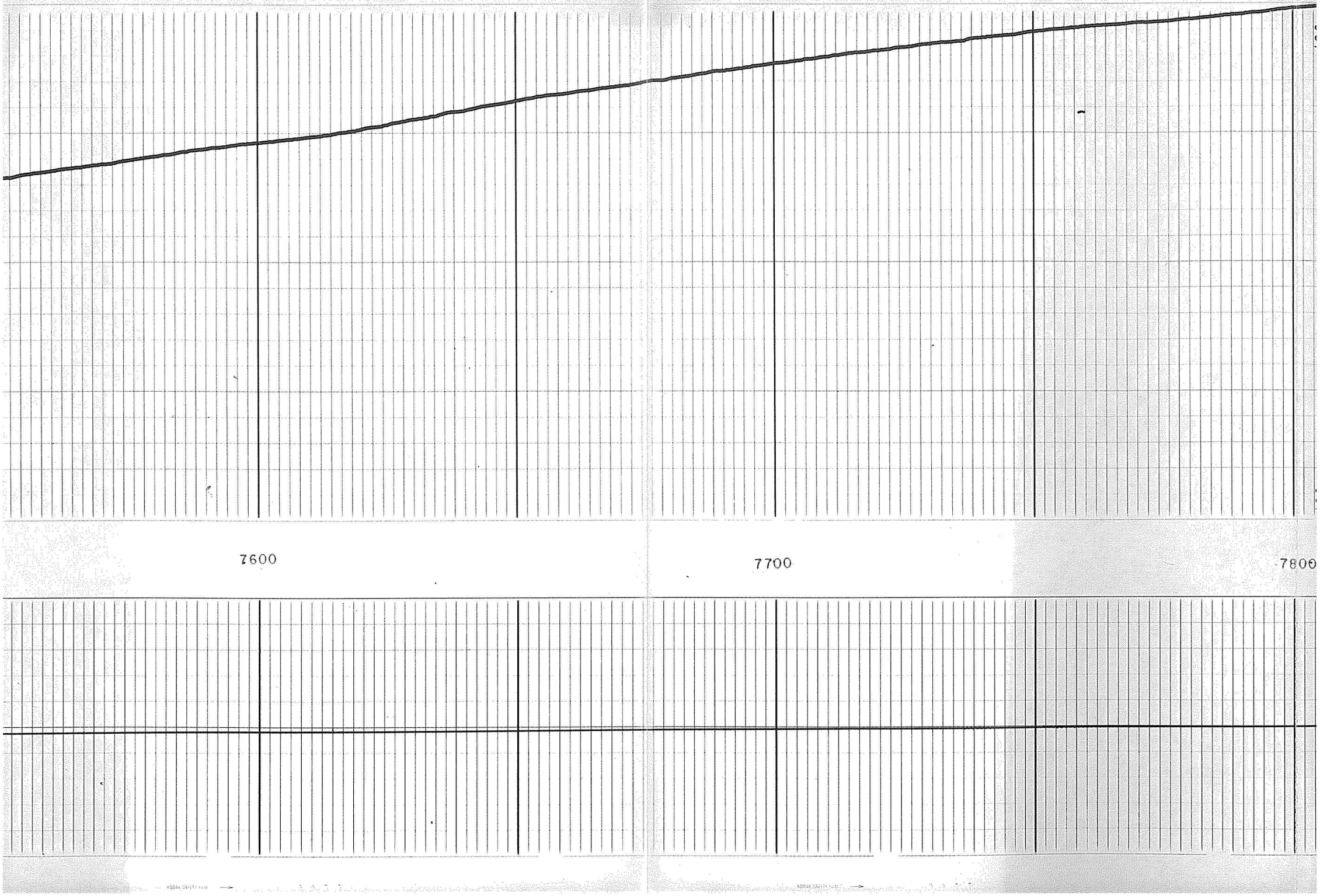

170
180
160
170
6300
6400
6500

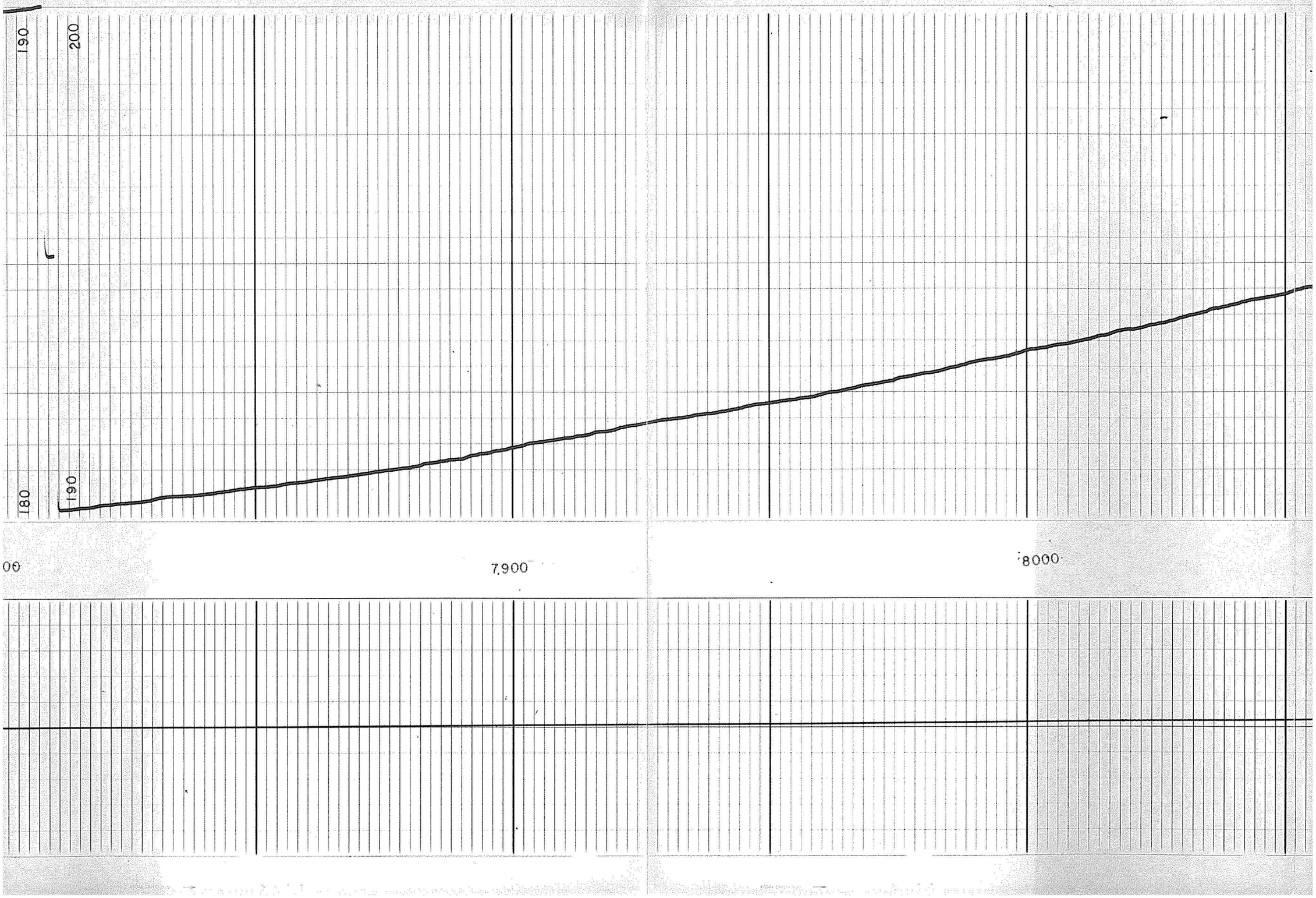
6600
6700

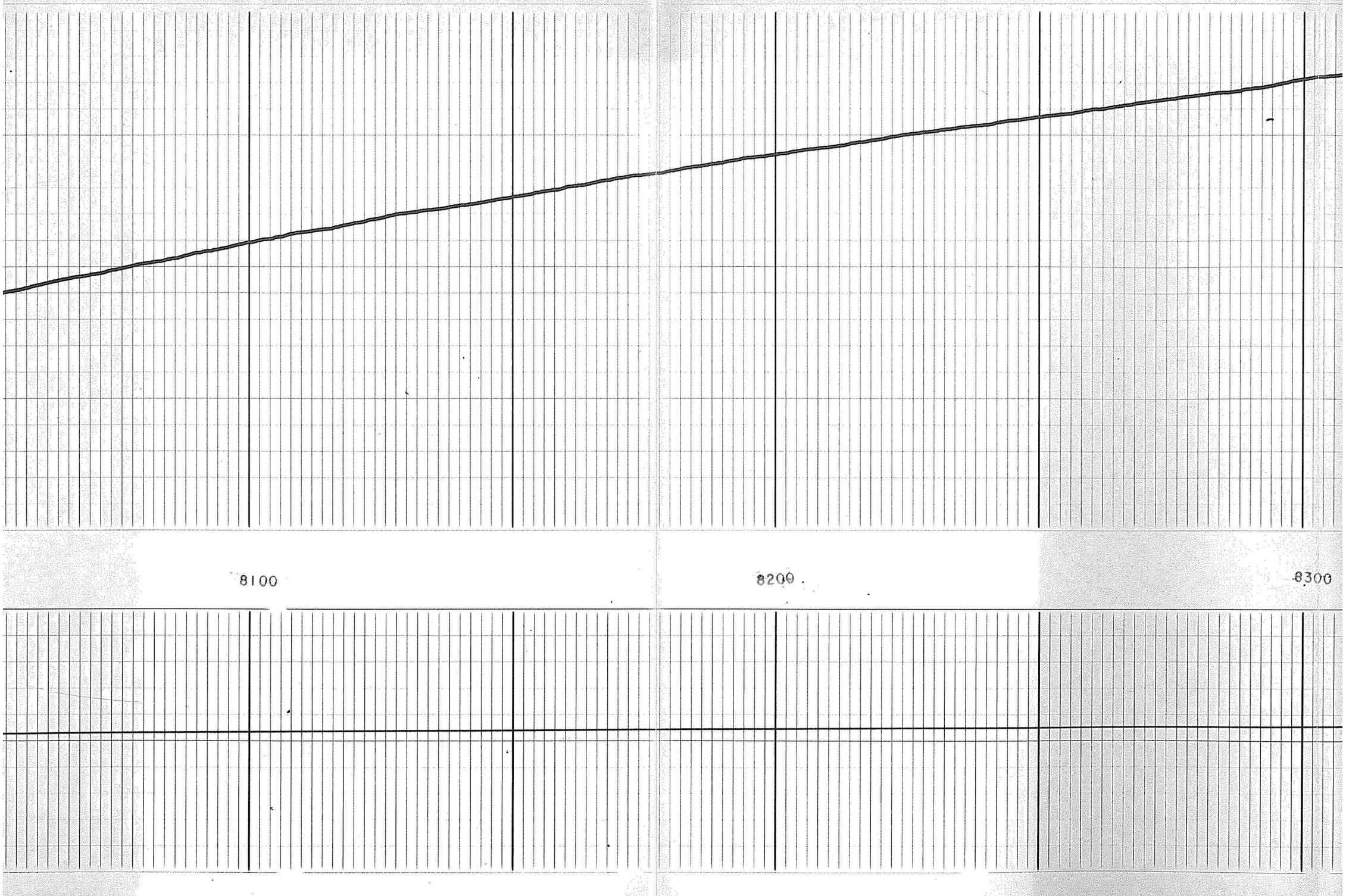

6800
6900
7000

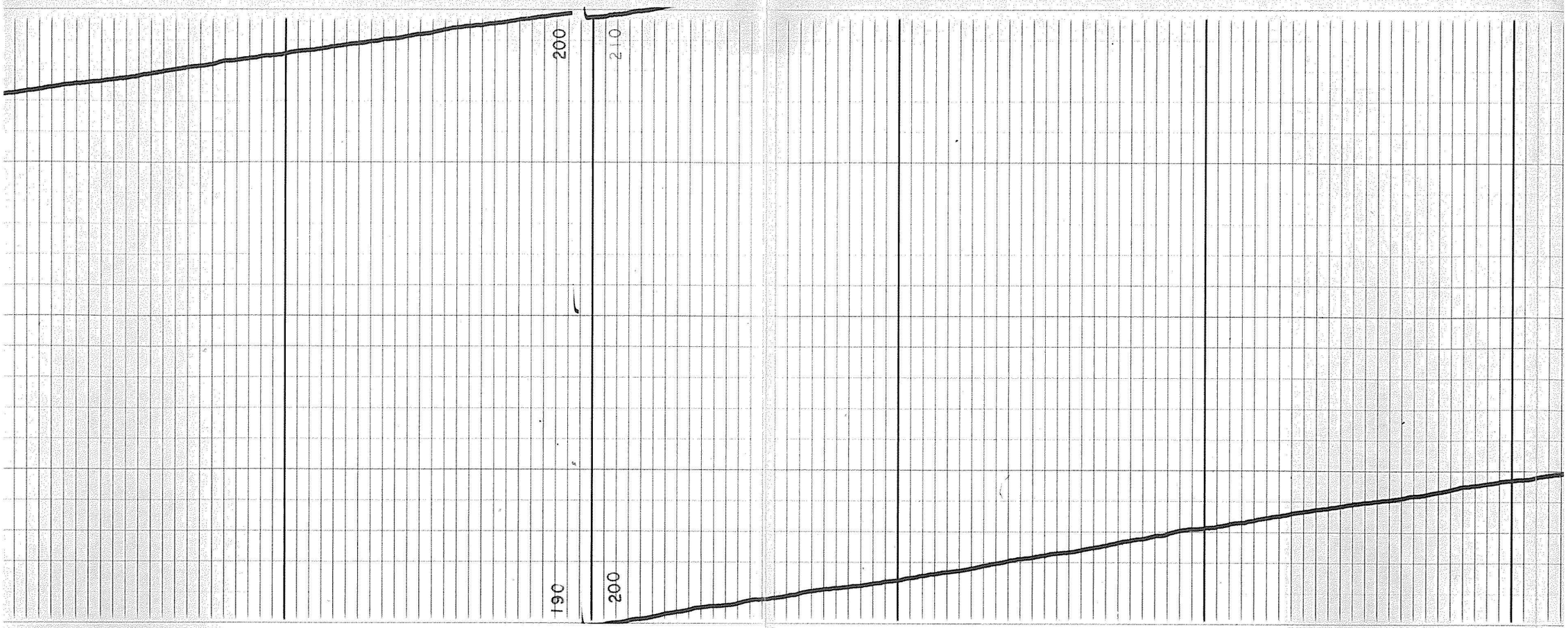

180
190
170
180
7100
7200
7300

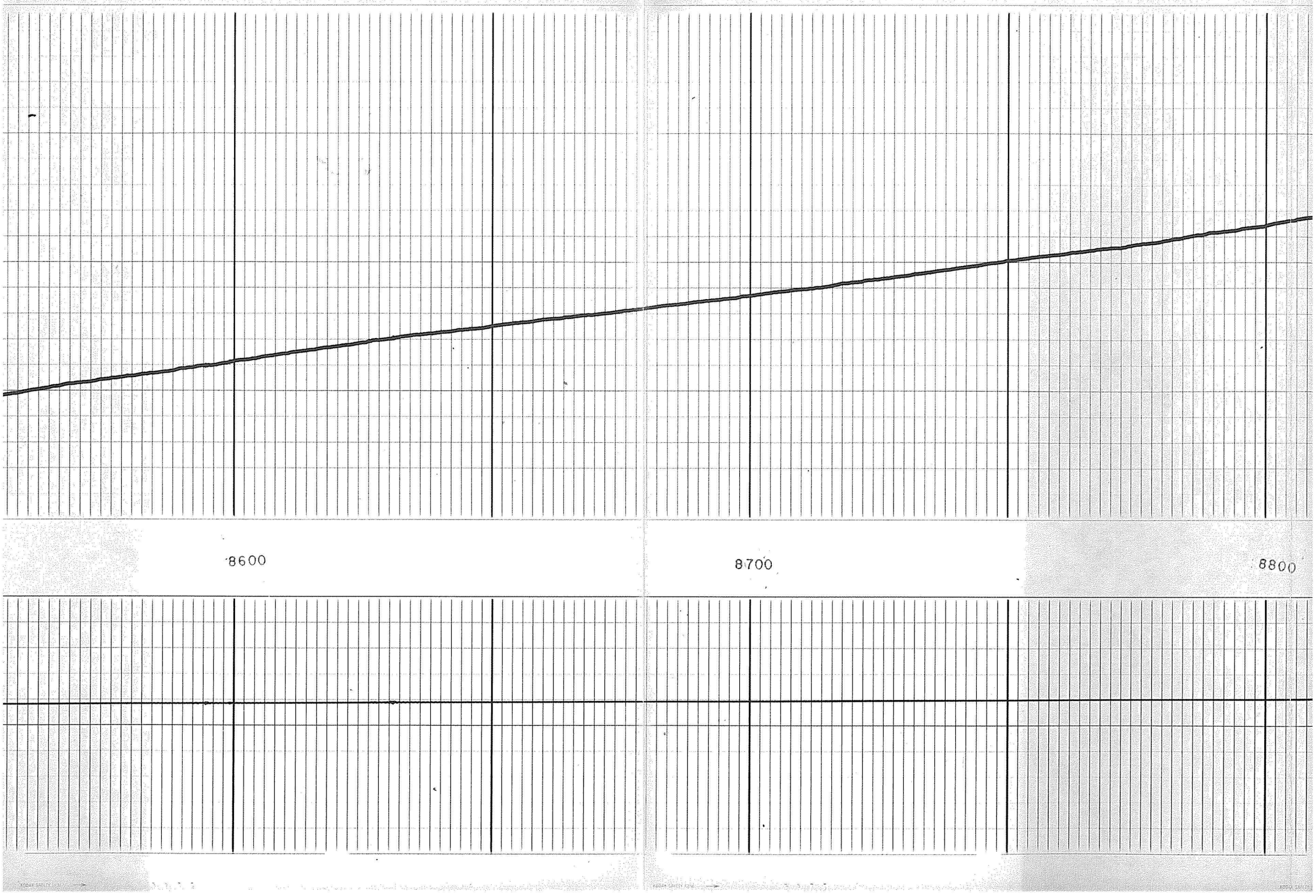

00
7400
7500


7600
7700
7800

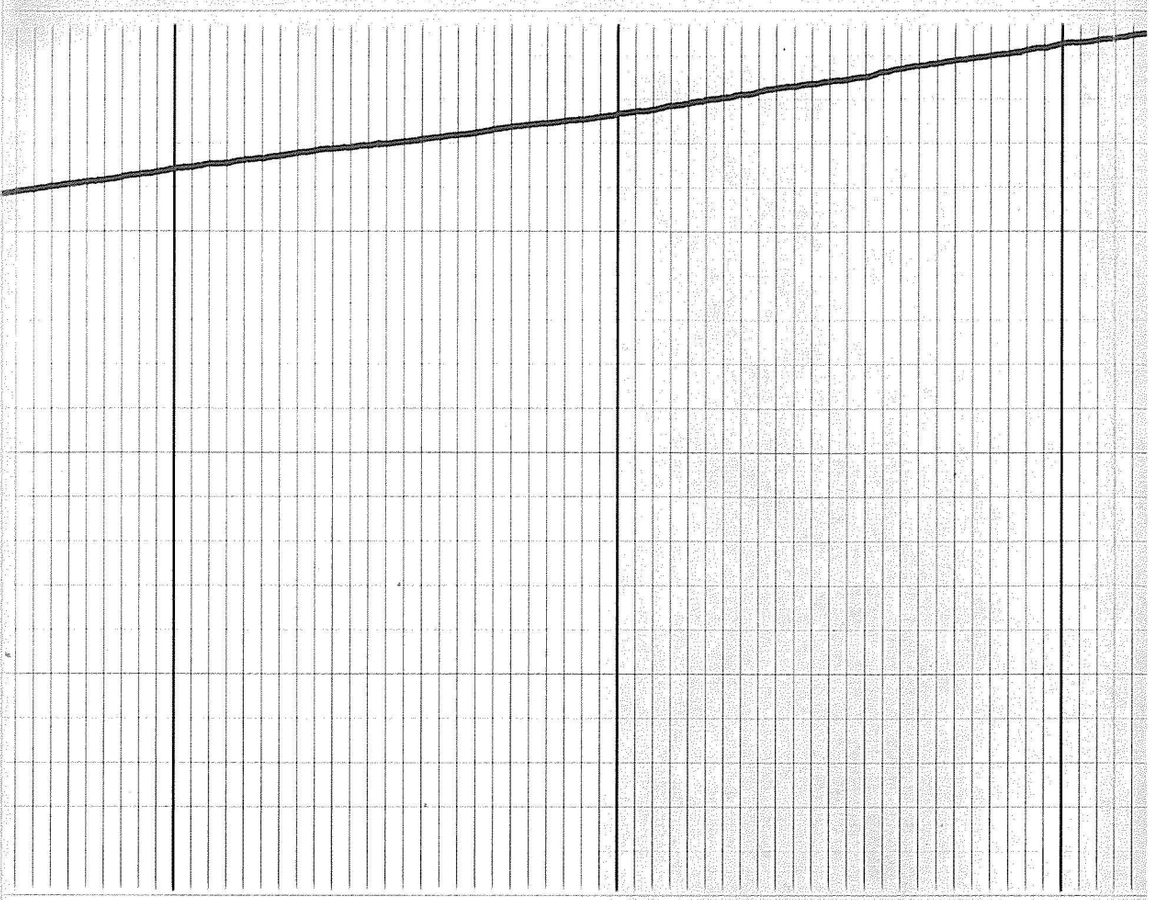

190
200
180
190
00
7.900
8000


8100
8200
8300

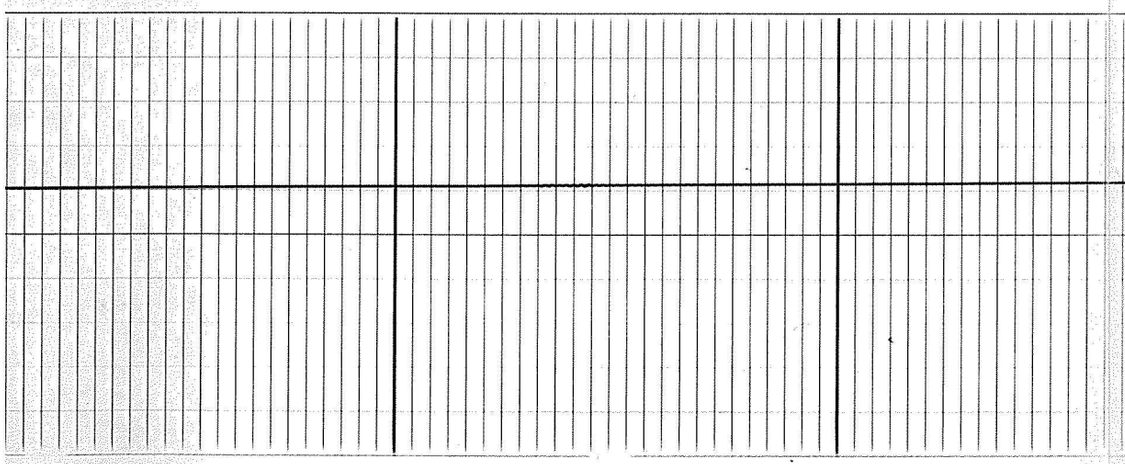

200
210
190
200
8400
8500

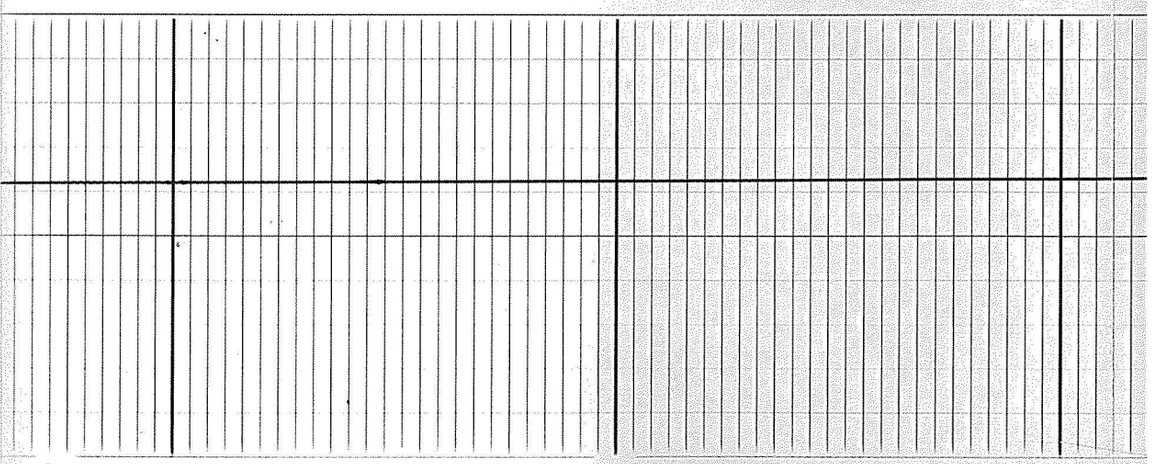

8600
8700
8800

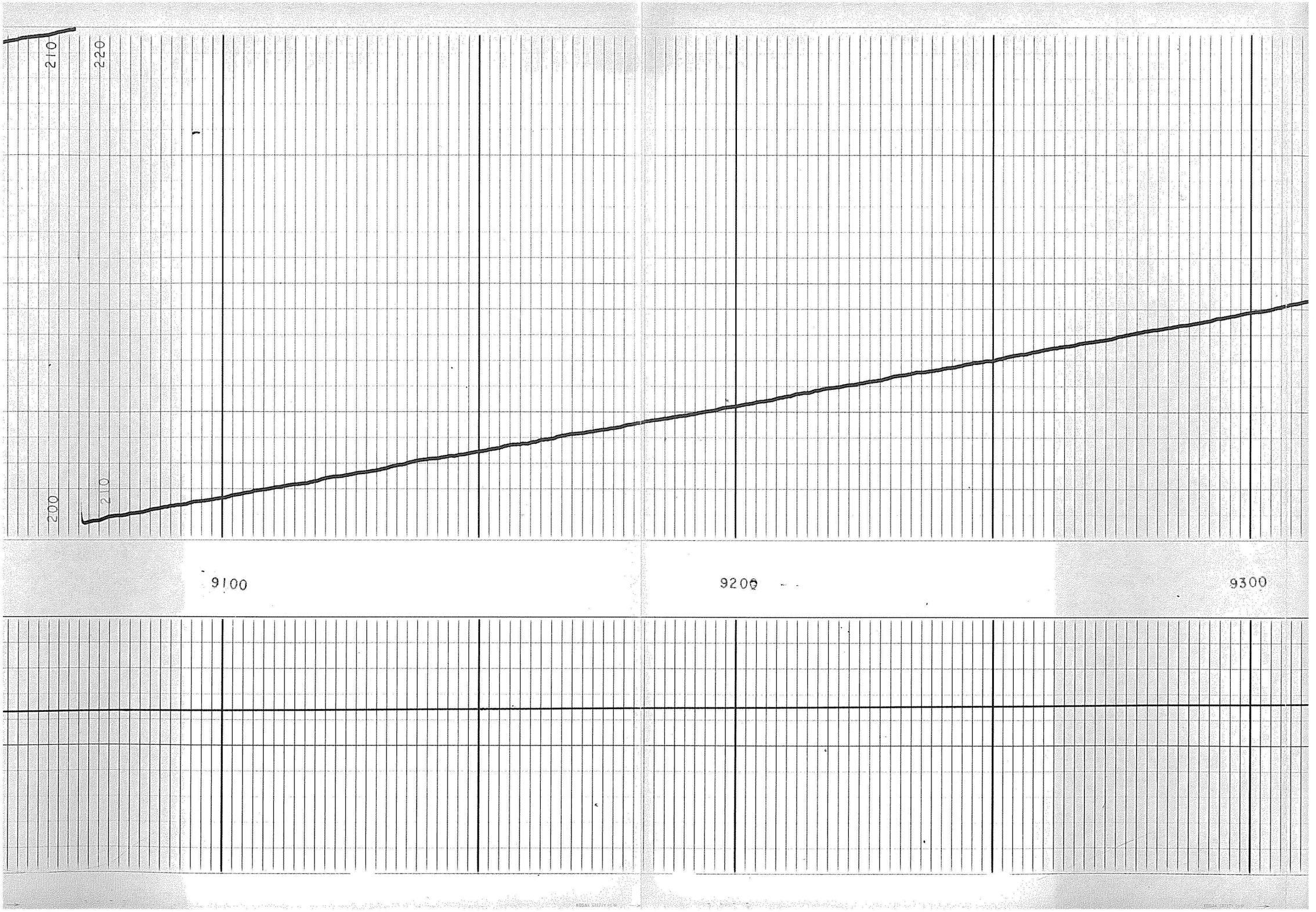
8900



9000

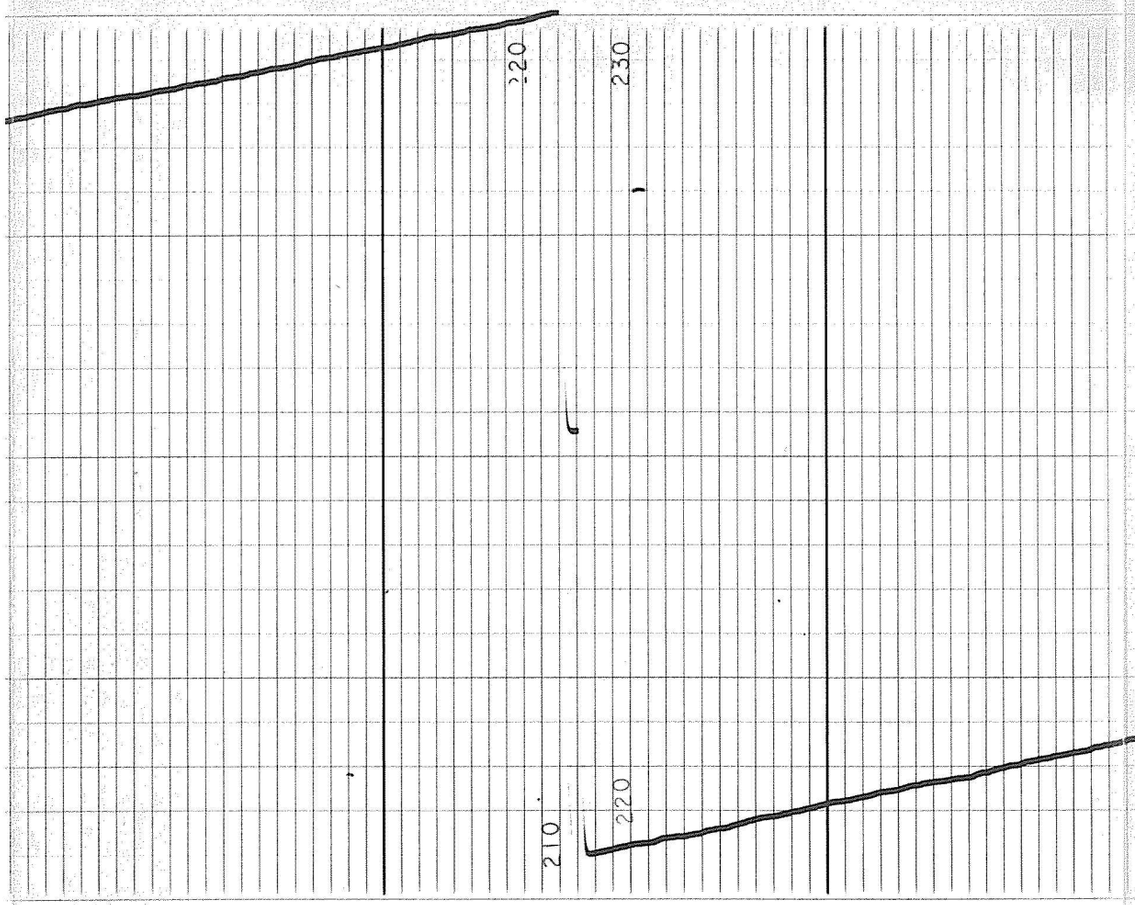


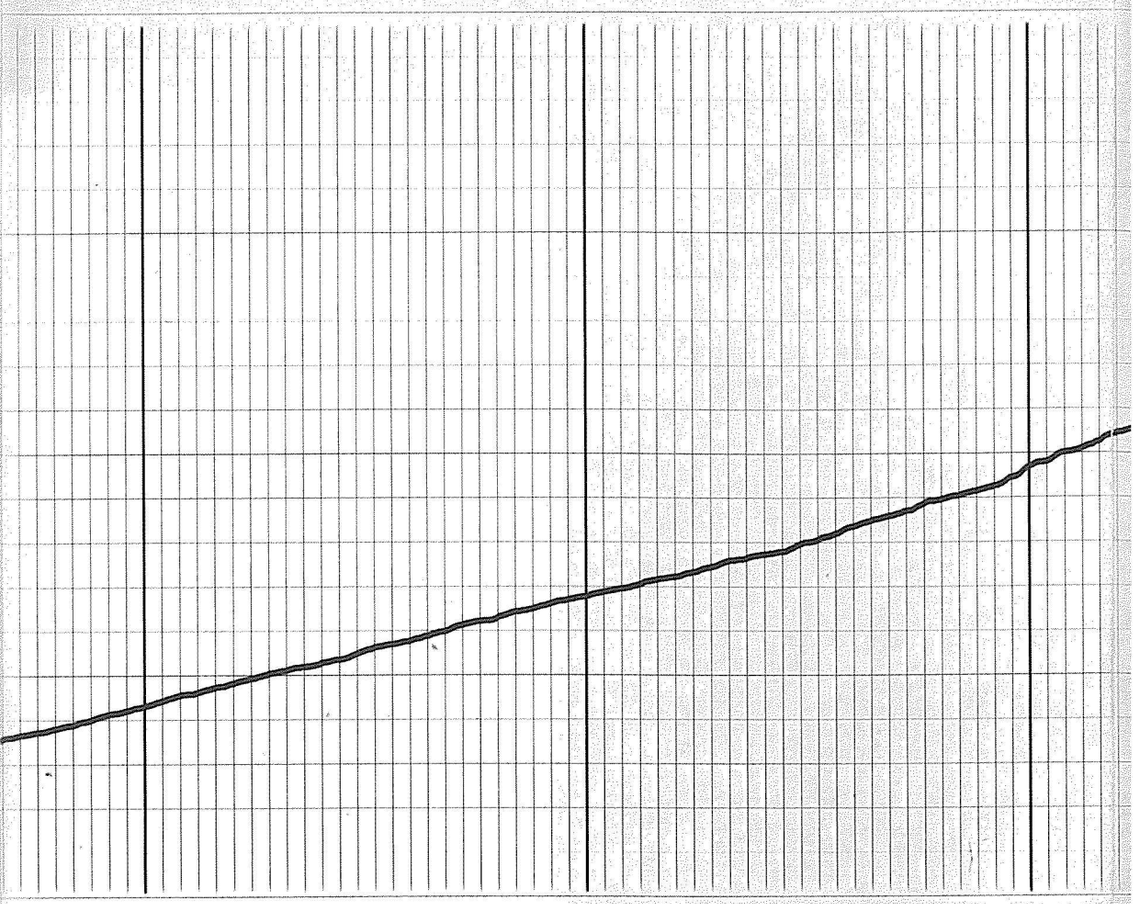



210
220
200
210
9100
9200
9300

9400

9500

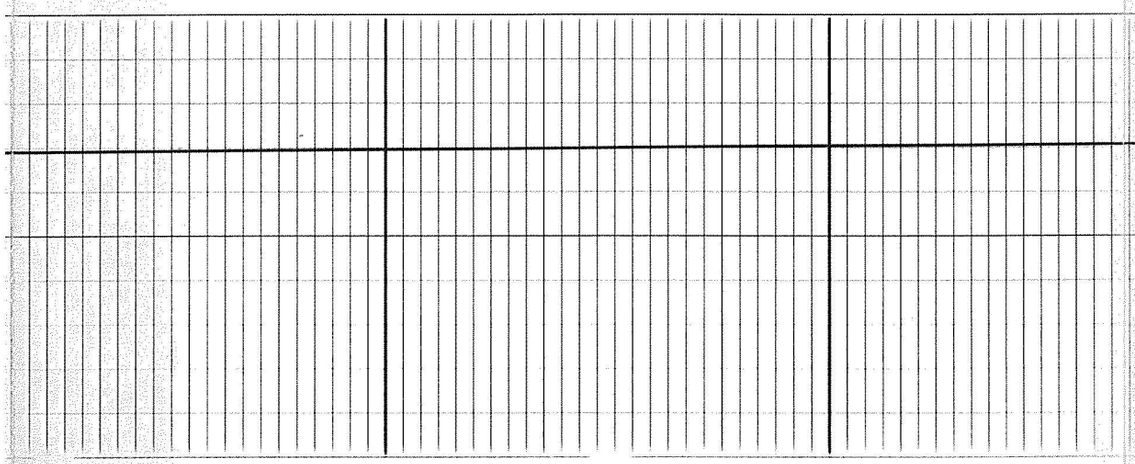


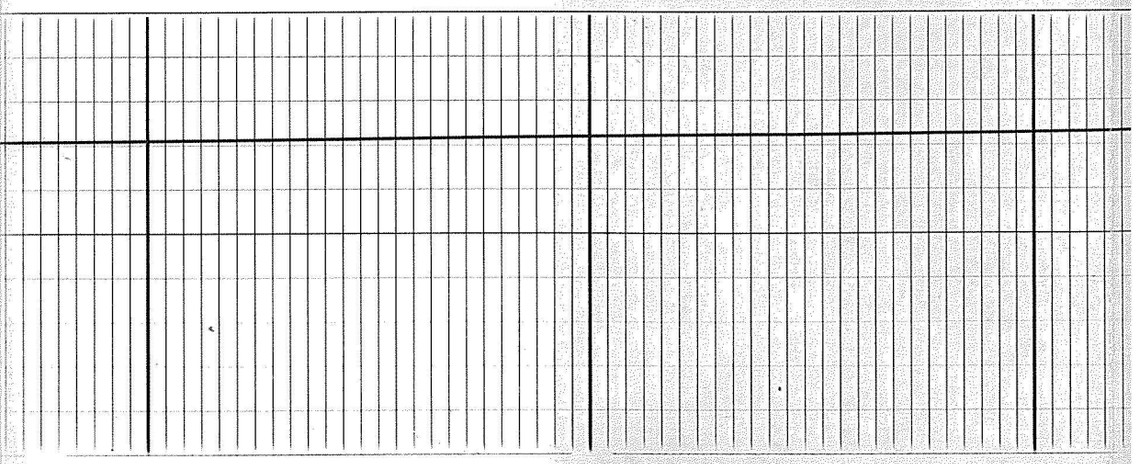


9600

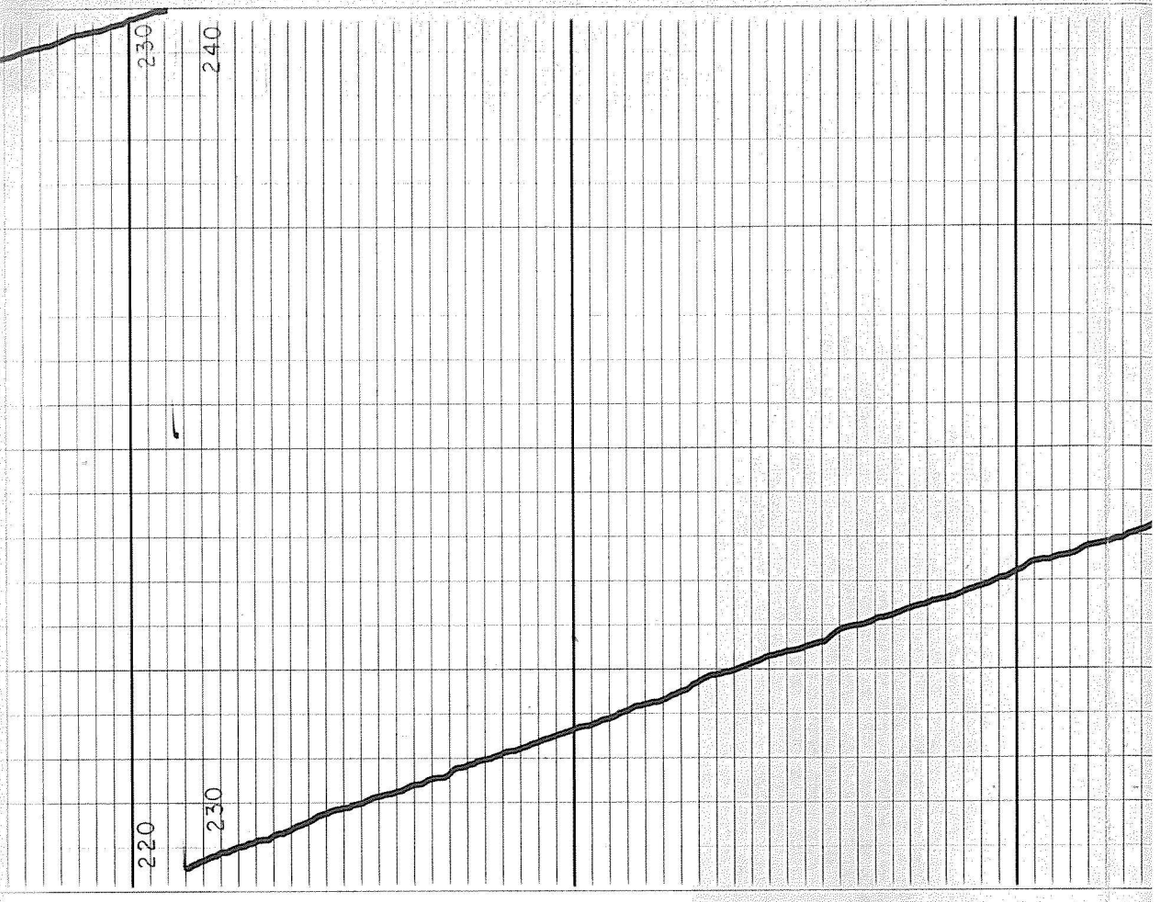
9700

9800

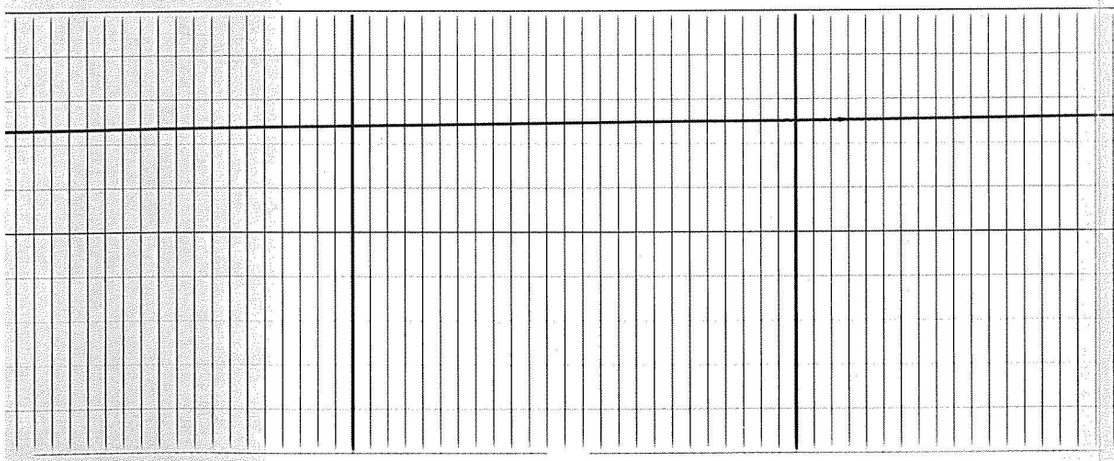


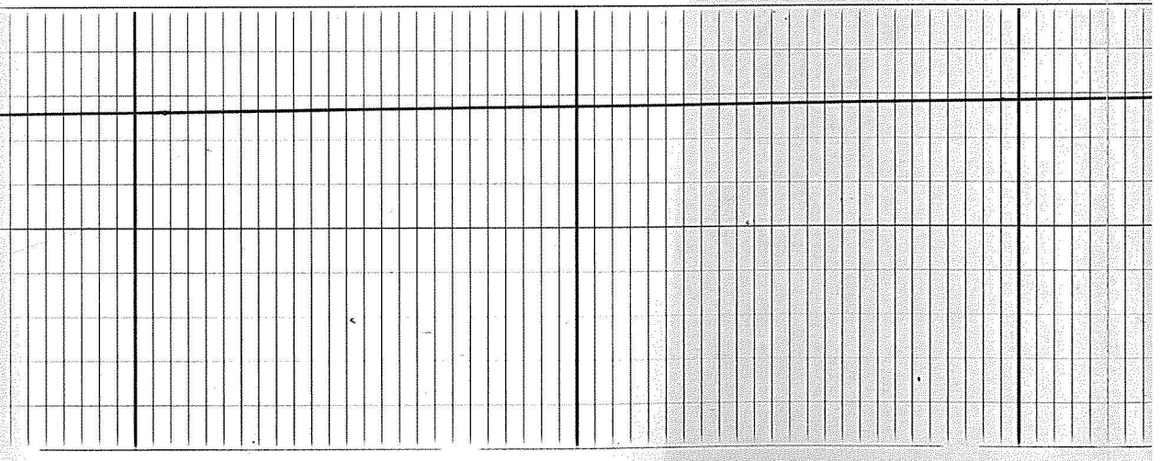


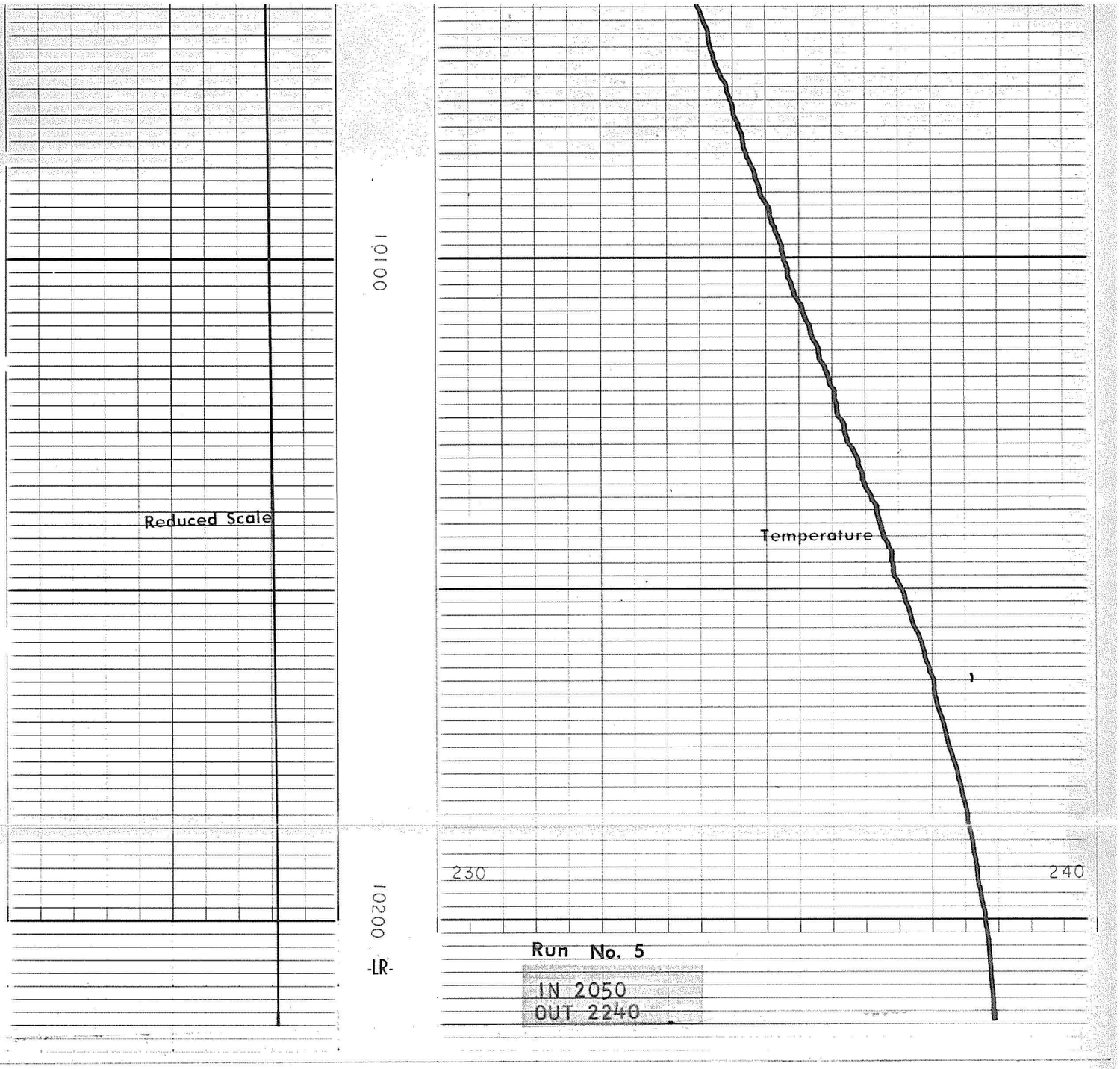
9900

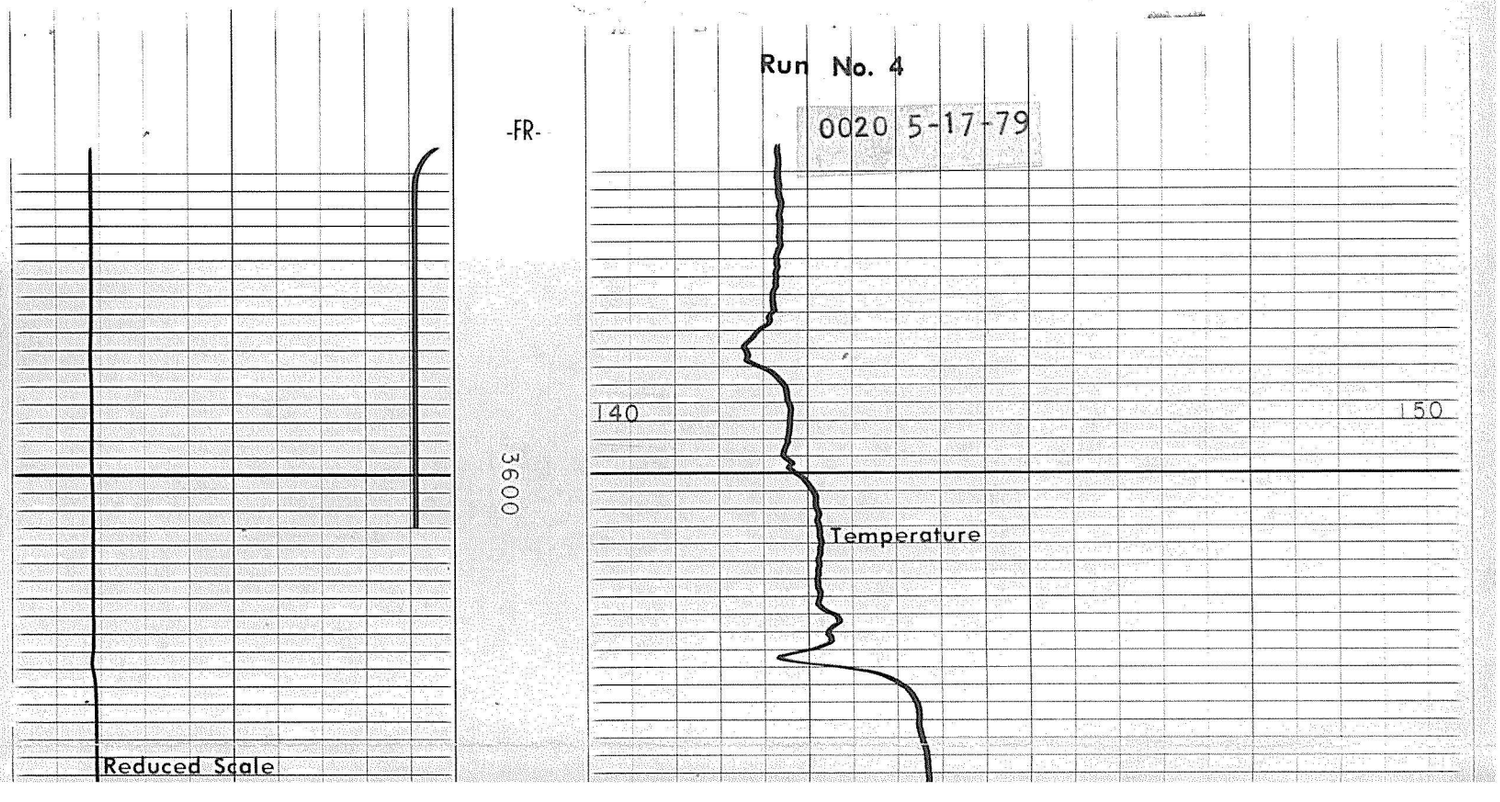


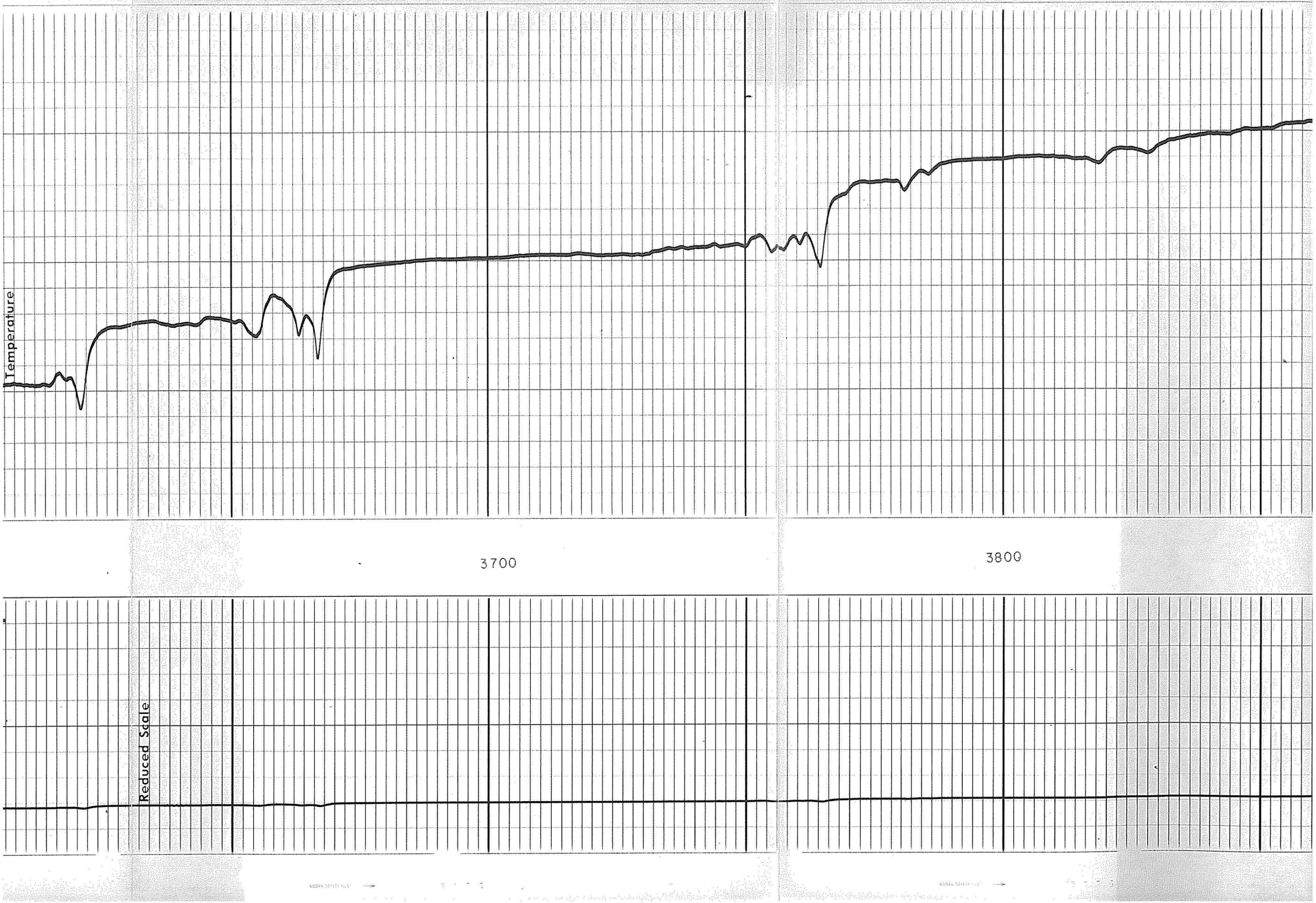
10000

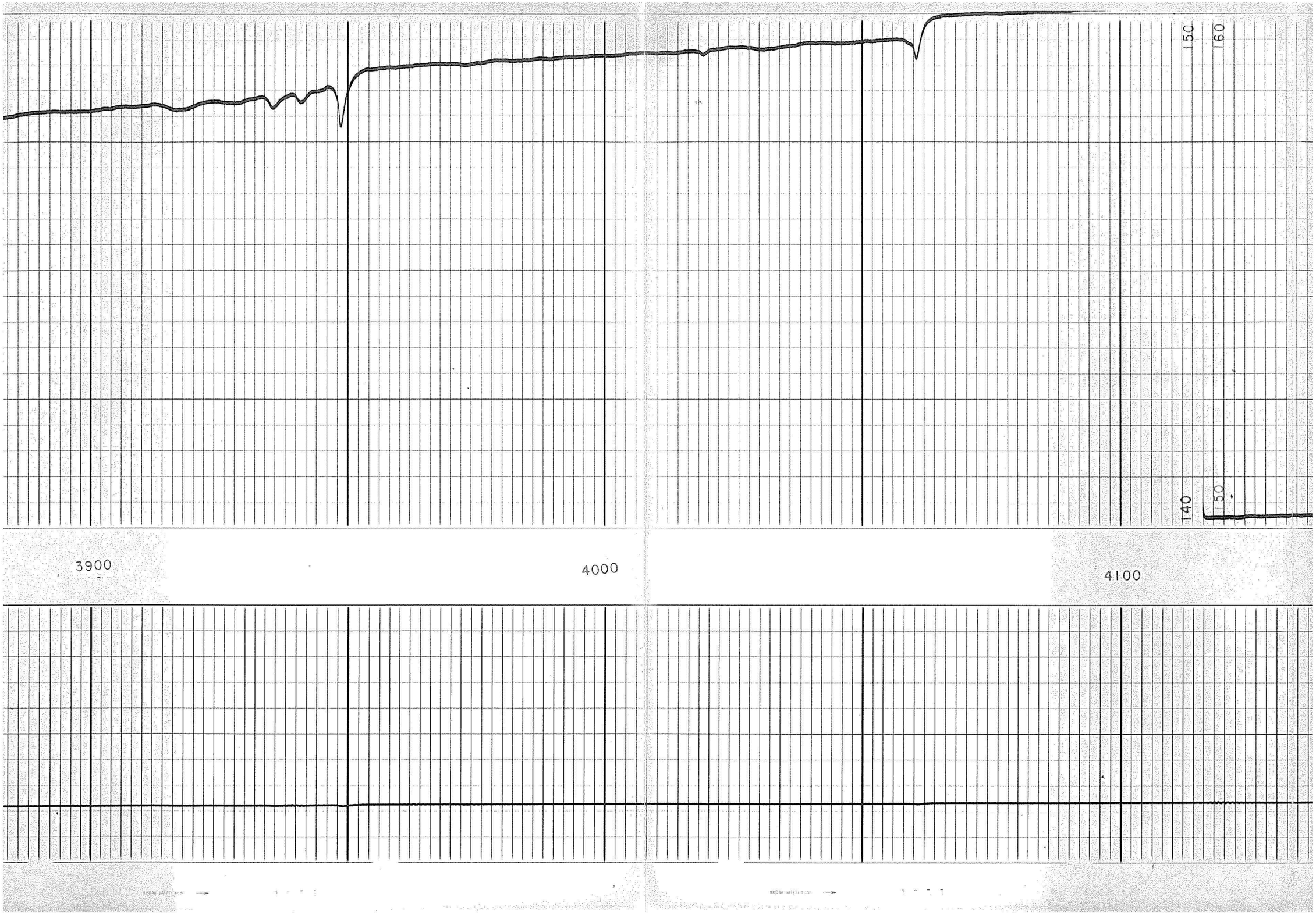


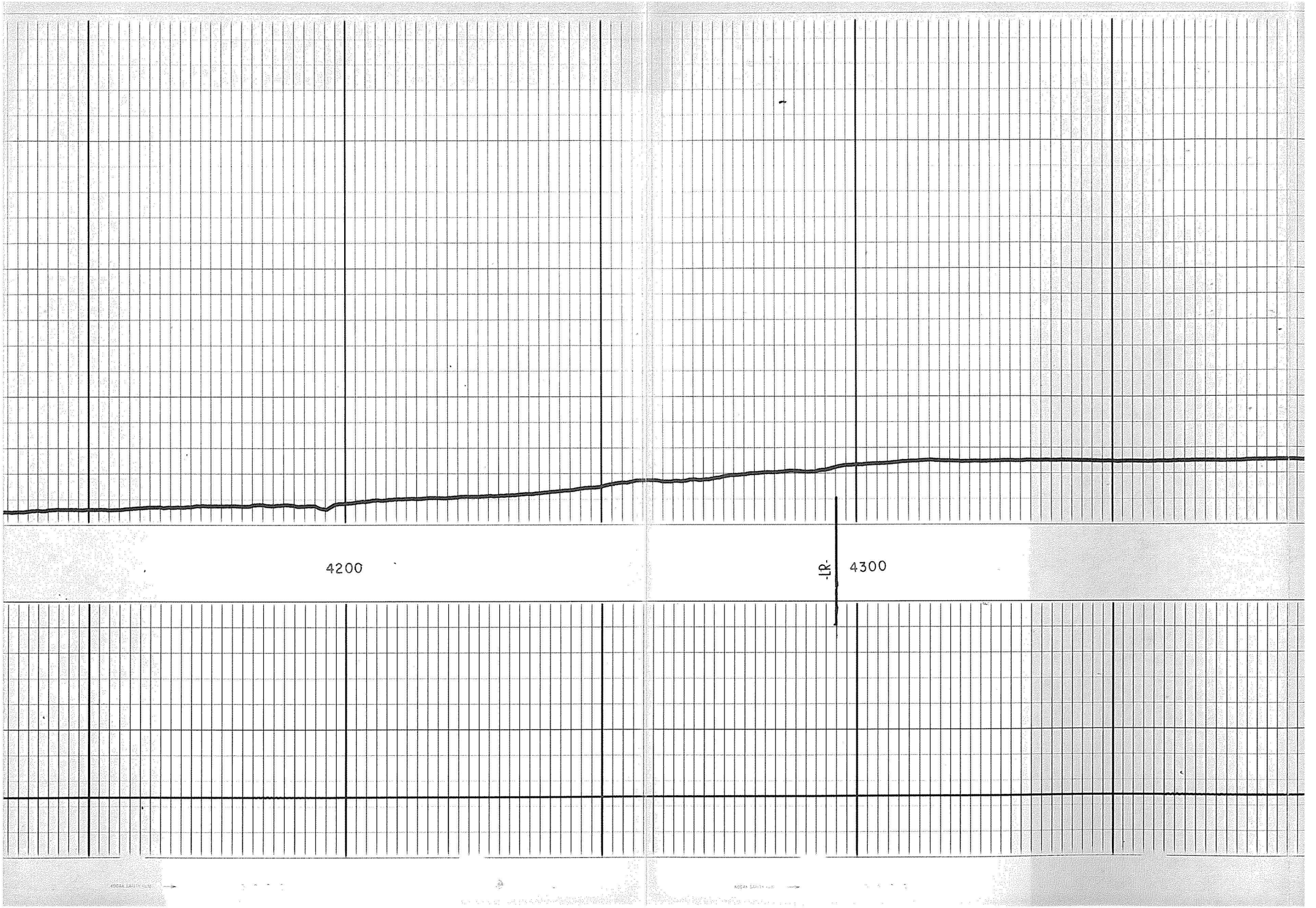


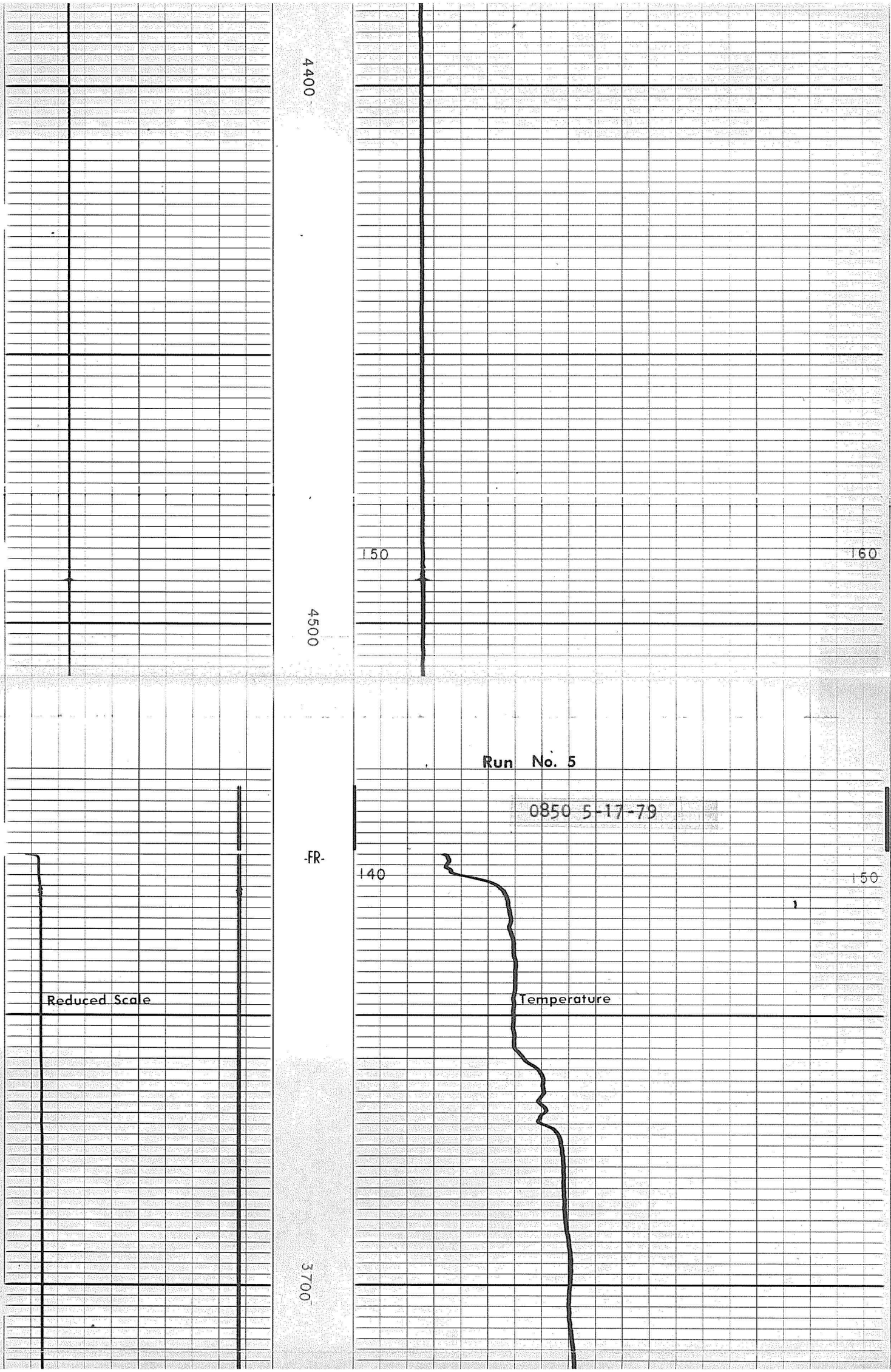

10100
Reduced Scale
Temperature
230
240
10200
-LR-
Run No. 5
IN 2050
OUT 2240

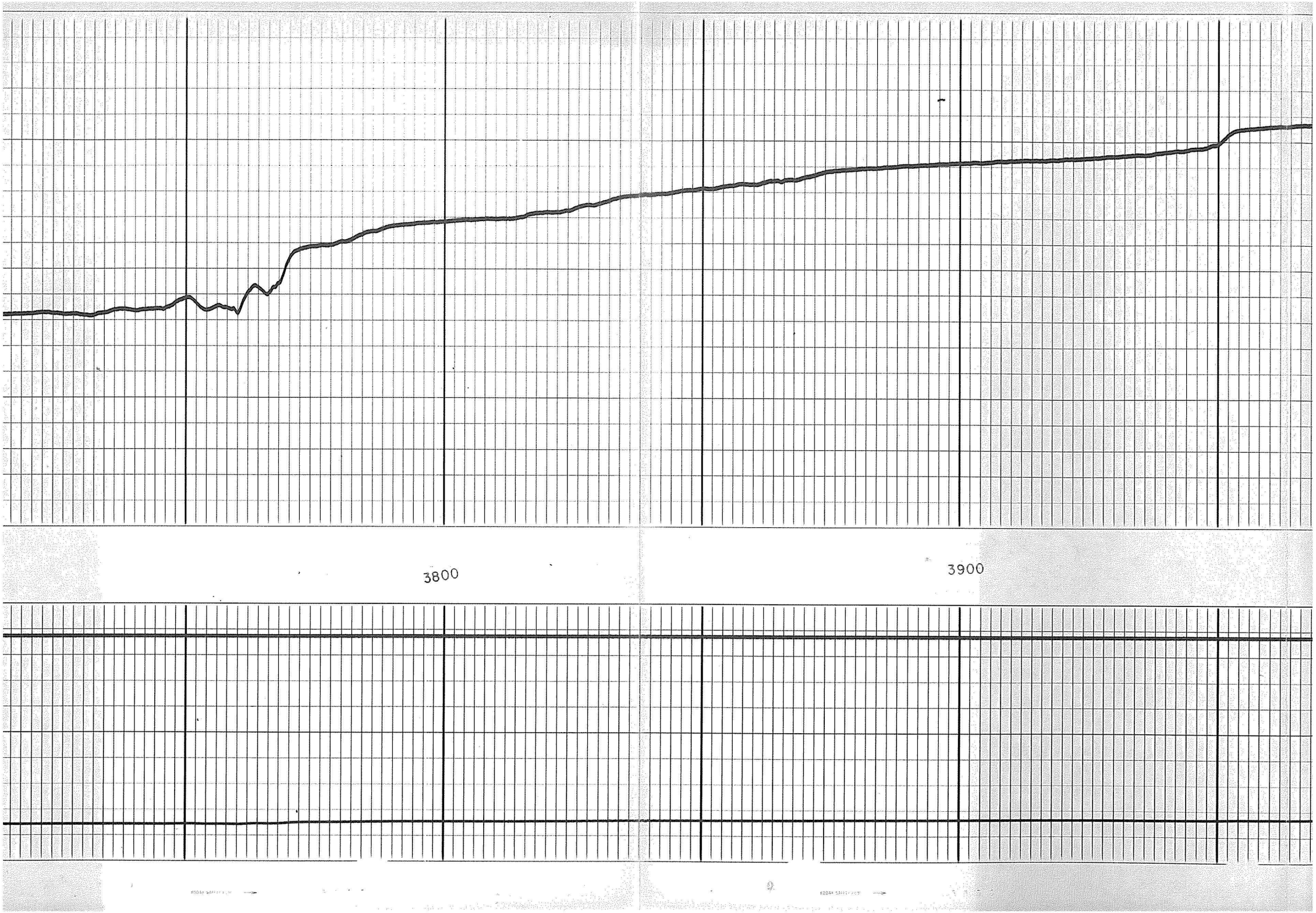

-FR-
Run No. 4
0020 5-17-79
140
150
3600
Temperature
Reduced Scale

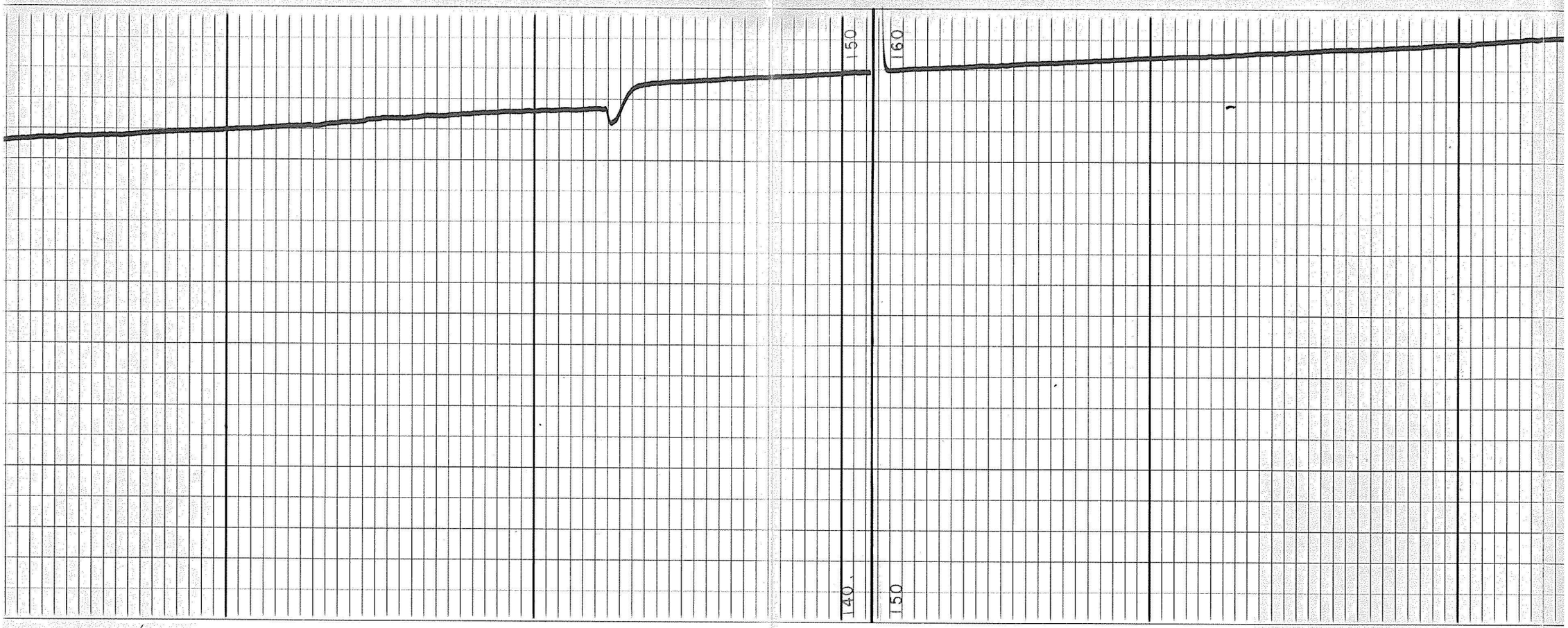

Temperature
3700
3800
Reduced Scale


150
160
140
150
3900
4000
4100


4200
LR
4300


4400
4500
150
160
Run No. 5
0850 5-17-79
-FR-
140
150
Reduced Scale
Temperature
3700

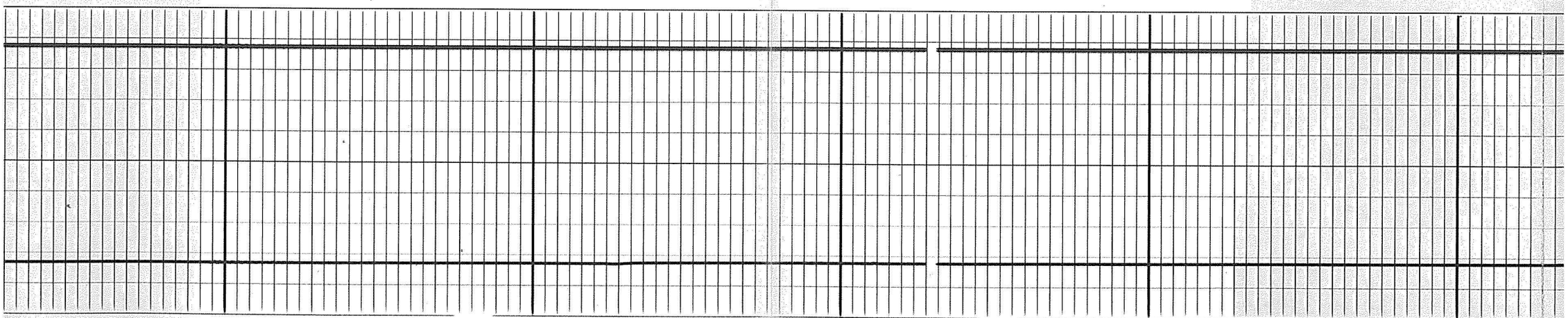

3800
3900

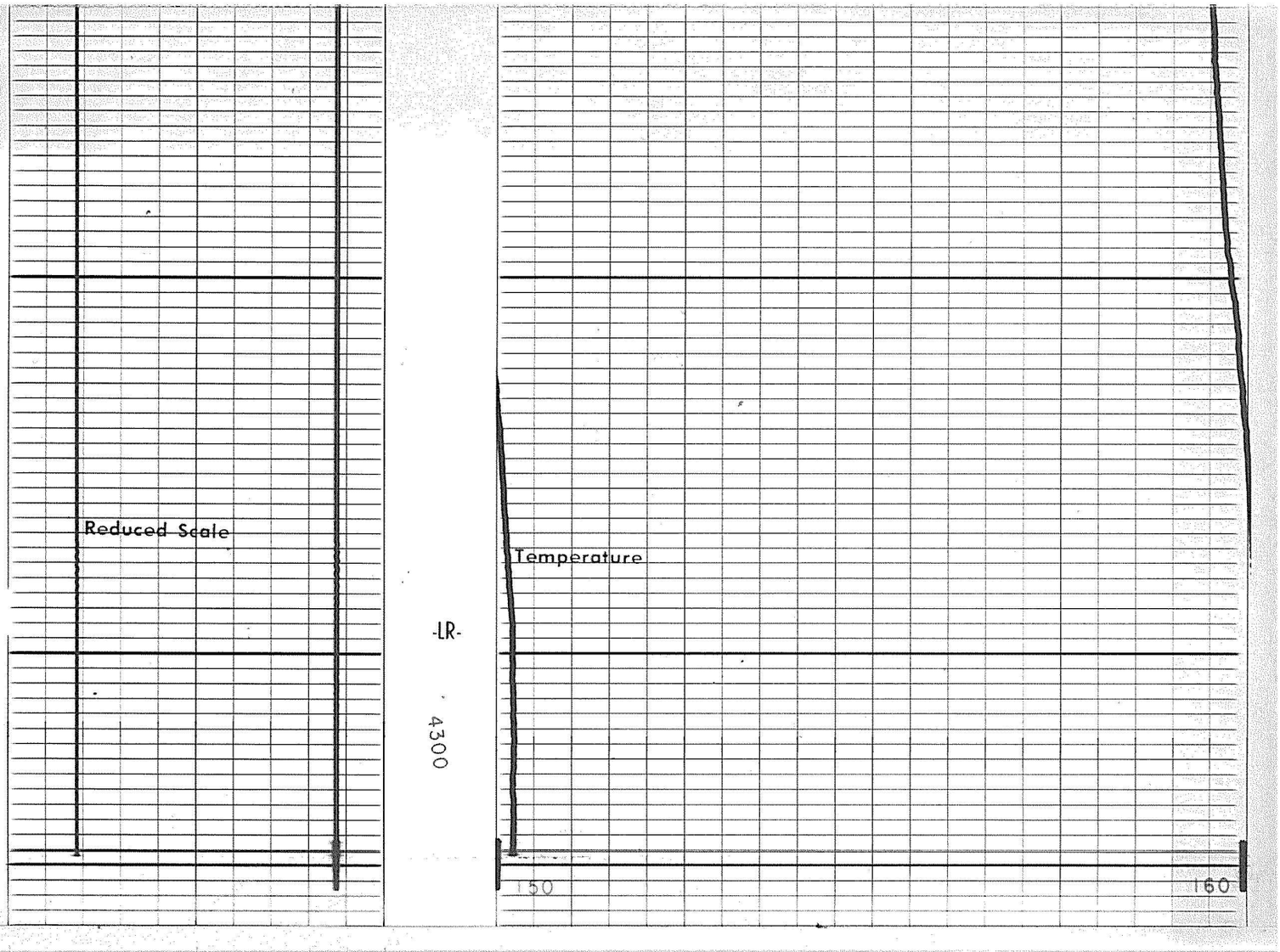


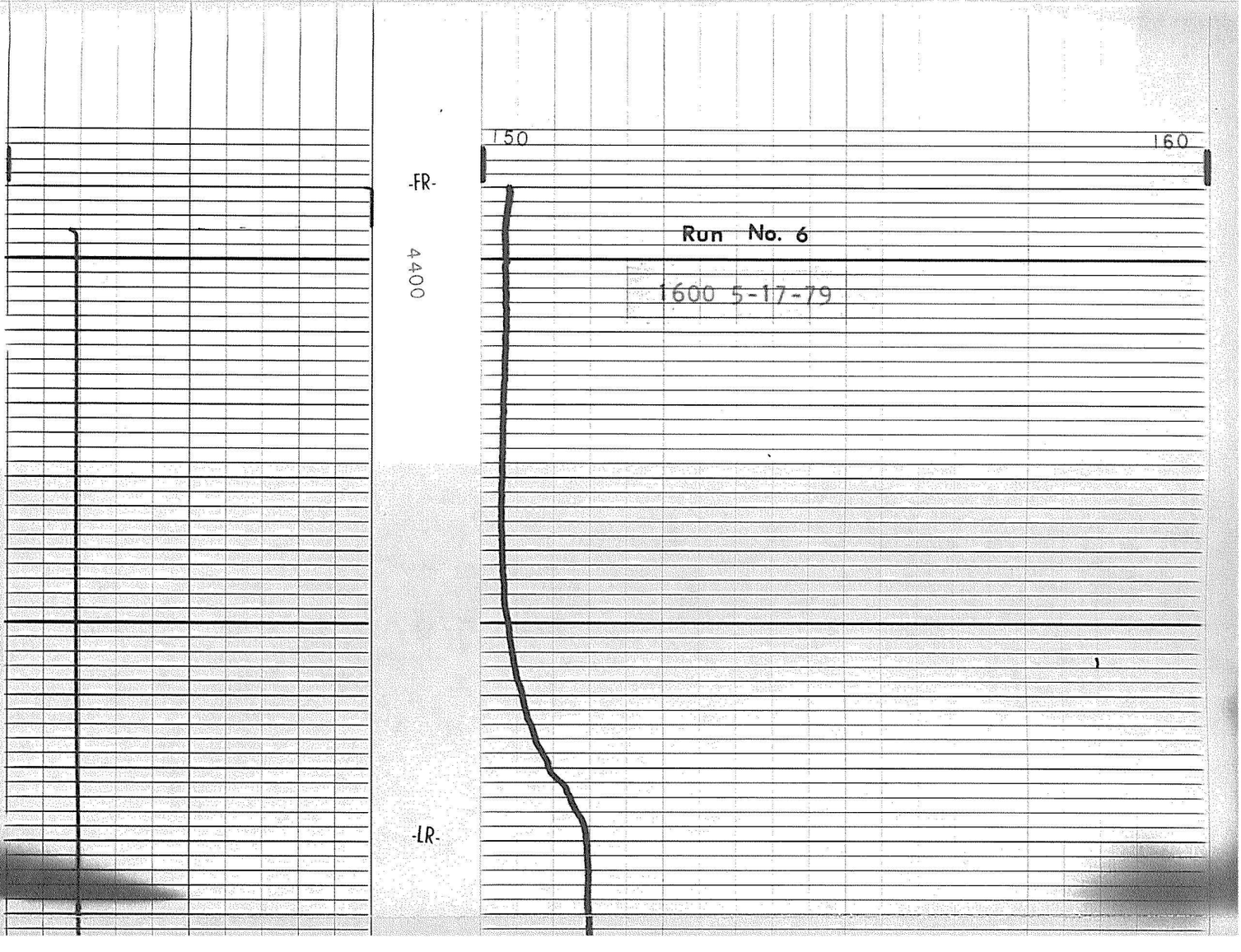
4000

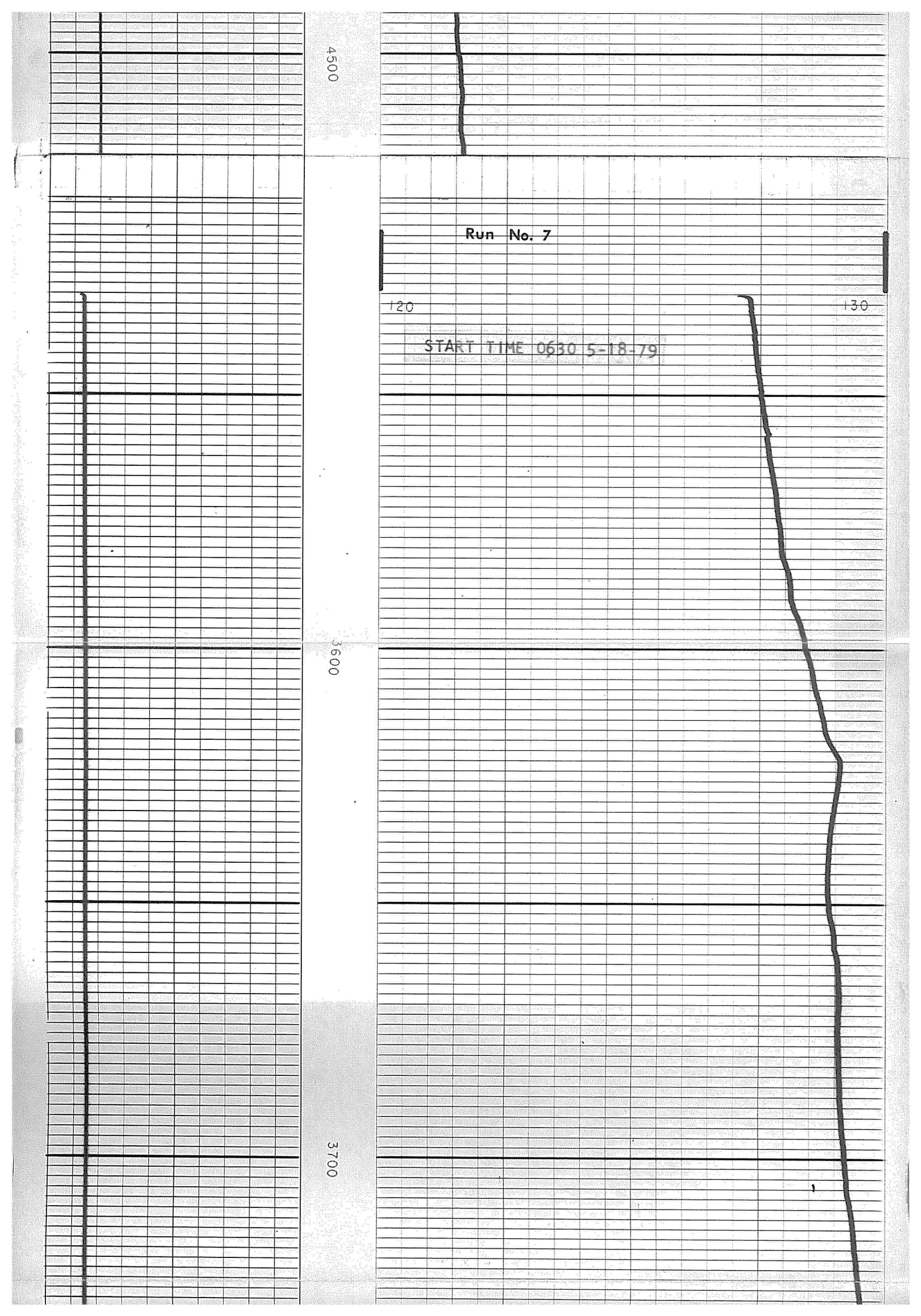
4100

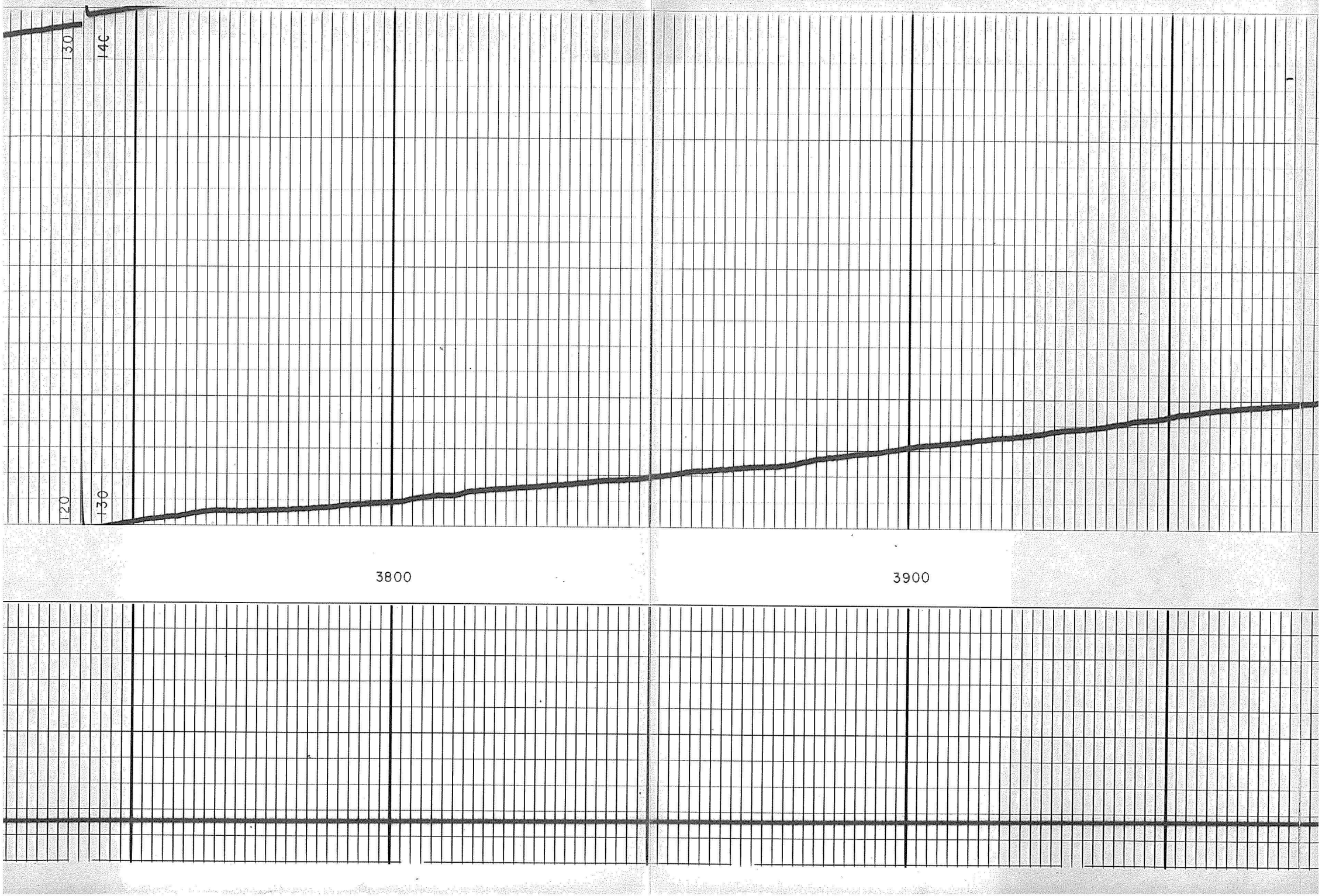
4200

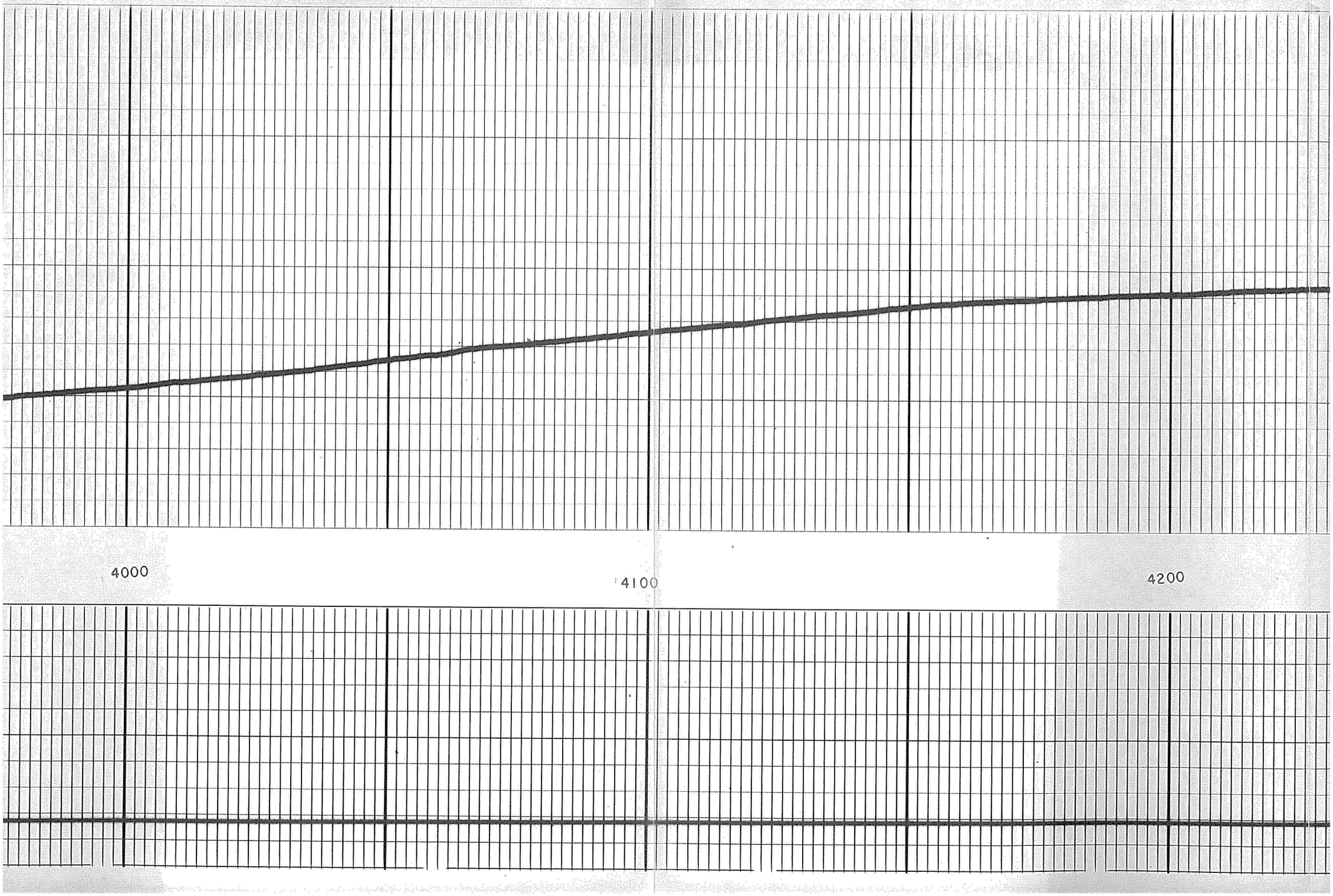


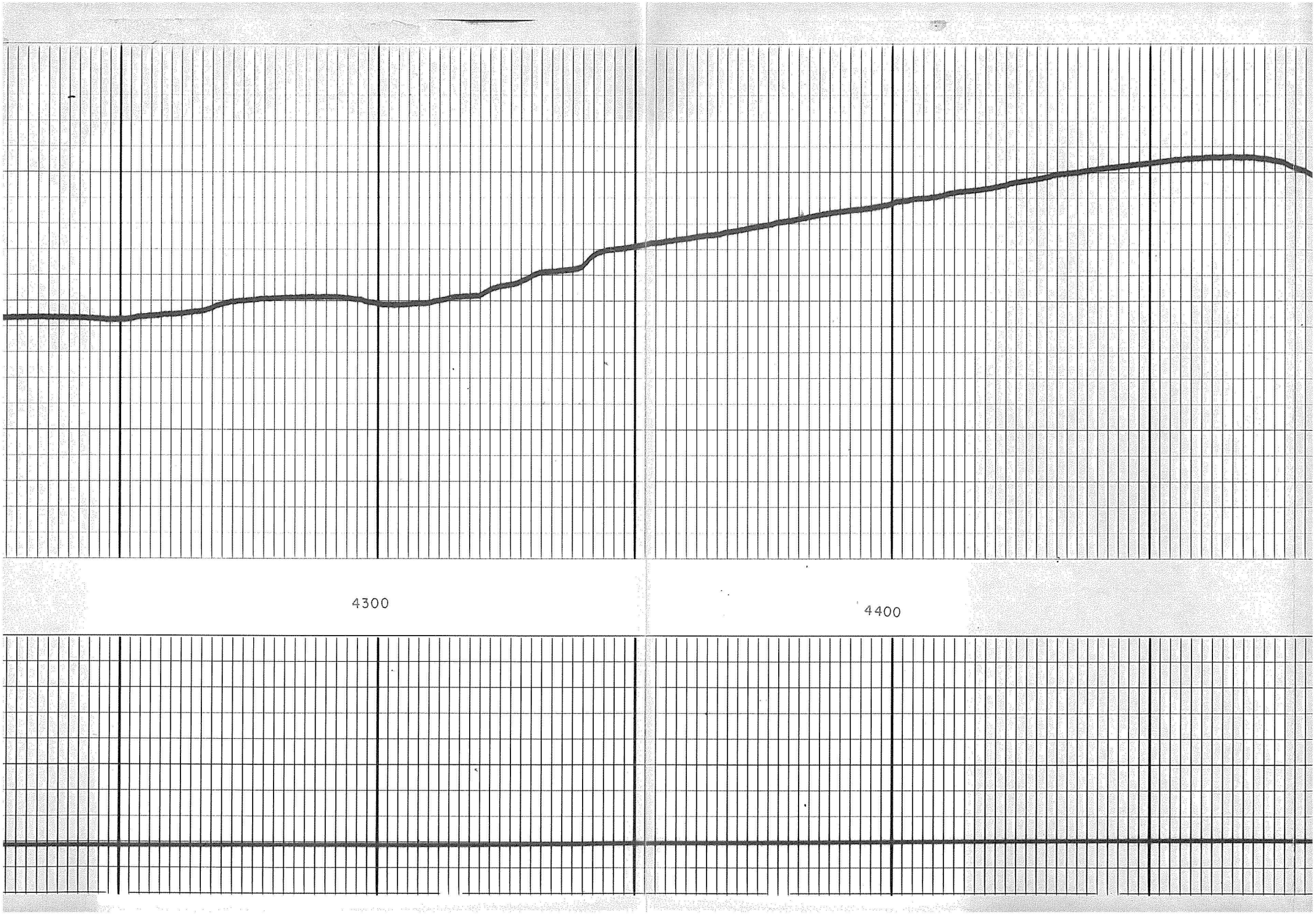

Reduced Scale
-LR-
4300
Temperature
150
160

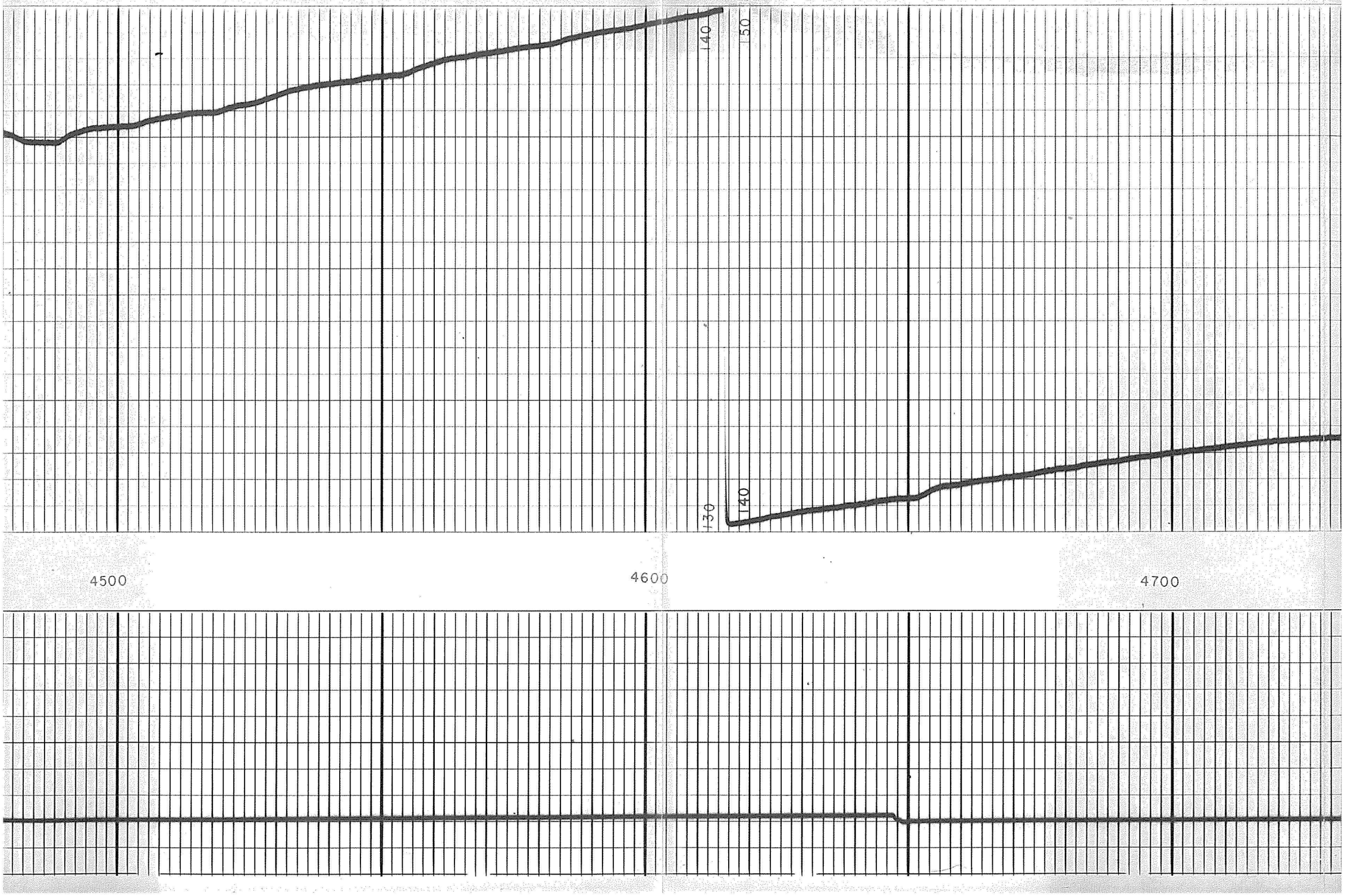

-FR-
4400
150
160
Run No. 6
1600 5-17-79
-LR-


4500
3600
3700
Run No. 7
120
130
START TIME 0630 5-18-79

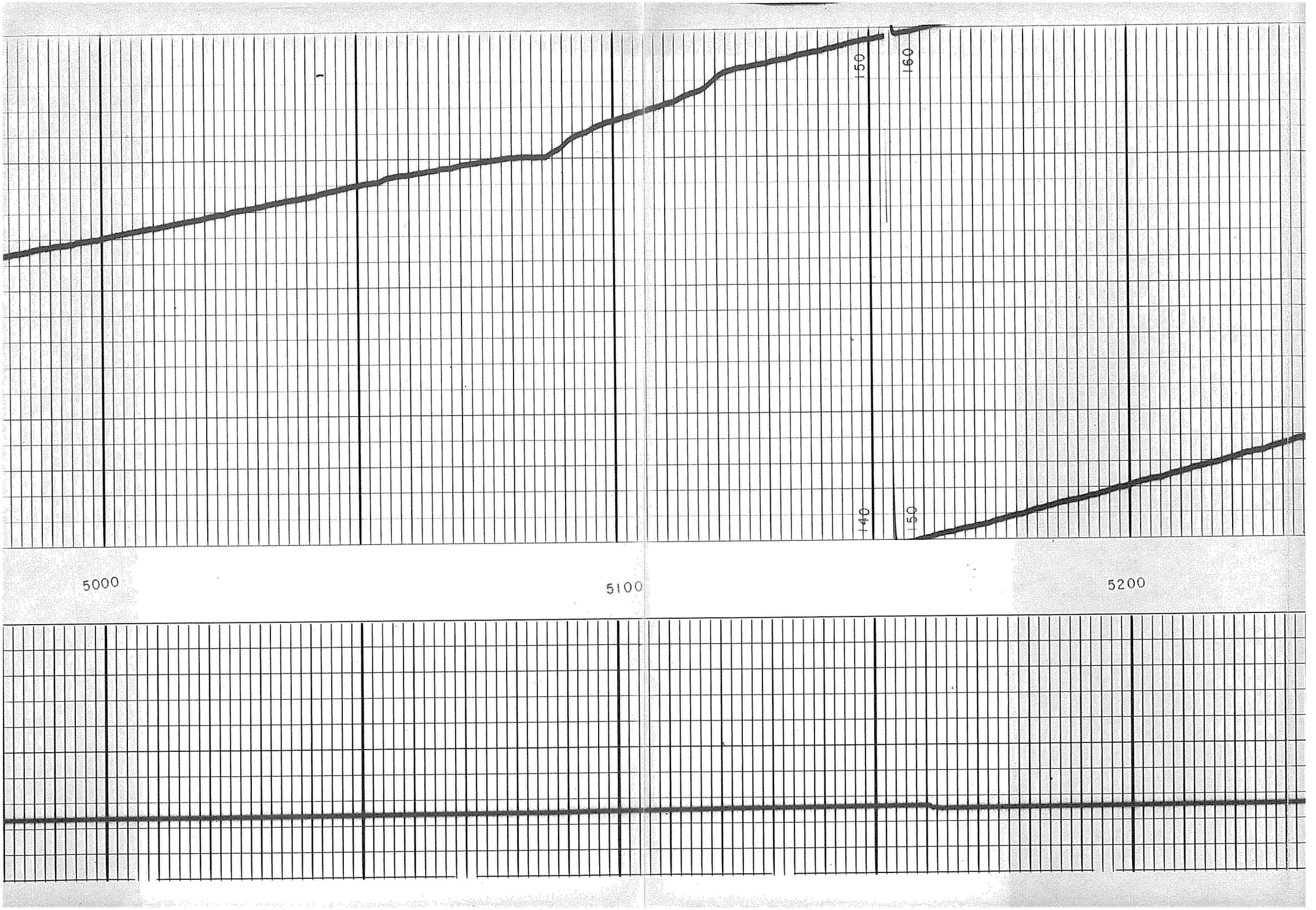

130
146
120
130
3800
3900

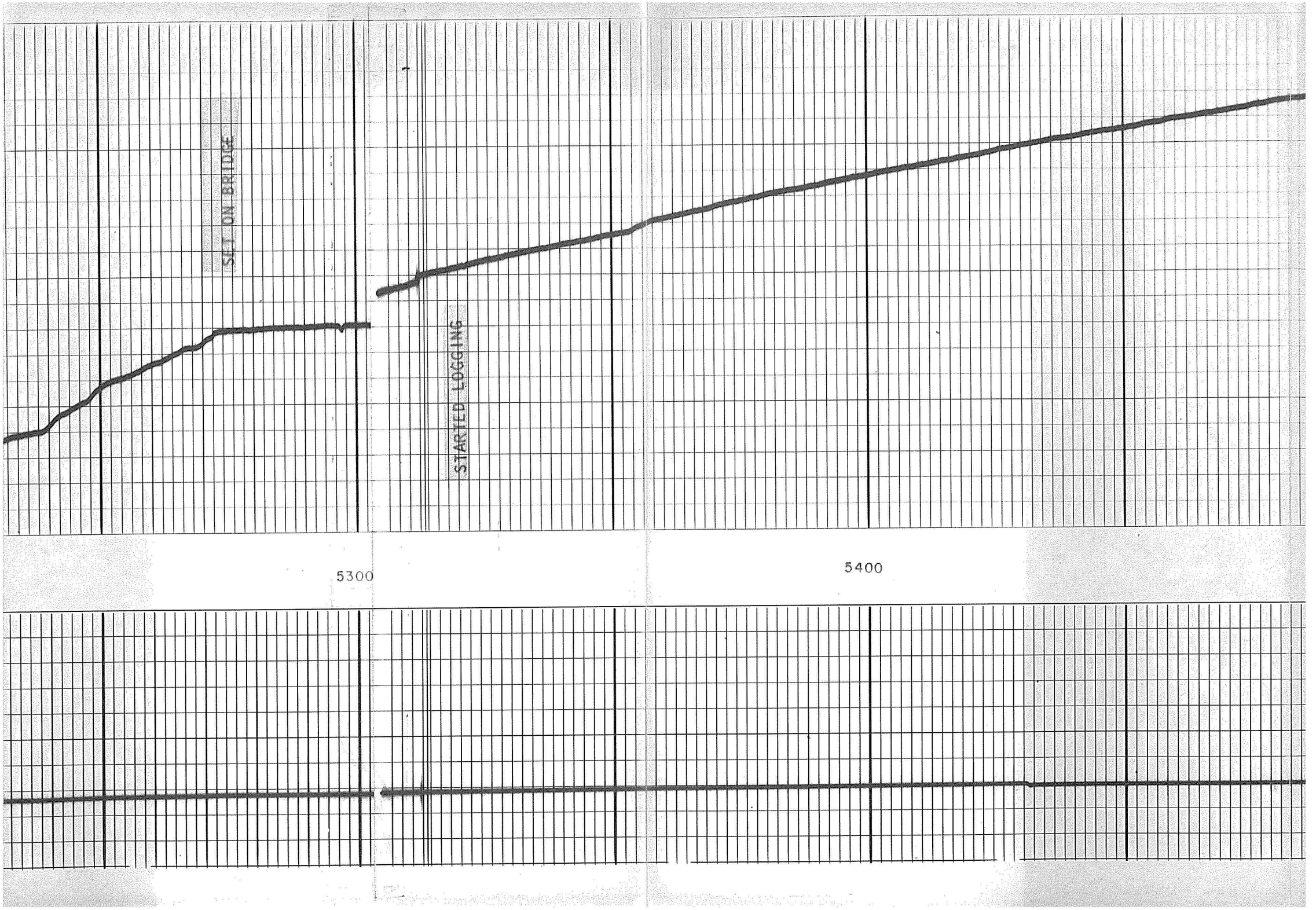

4000
4100
4200

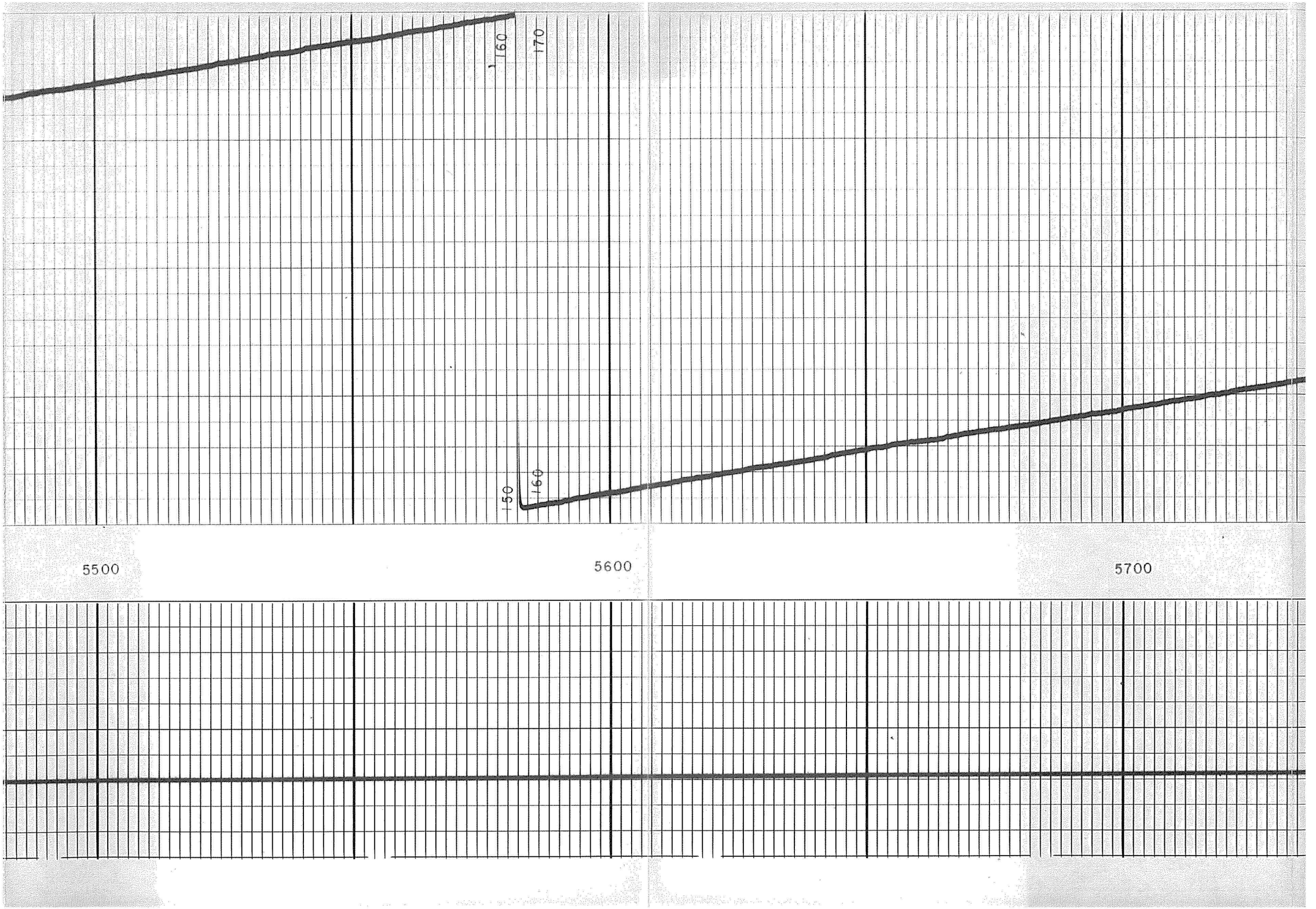

4300
4400

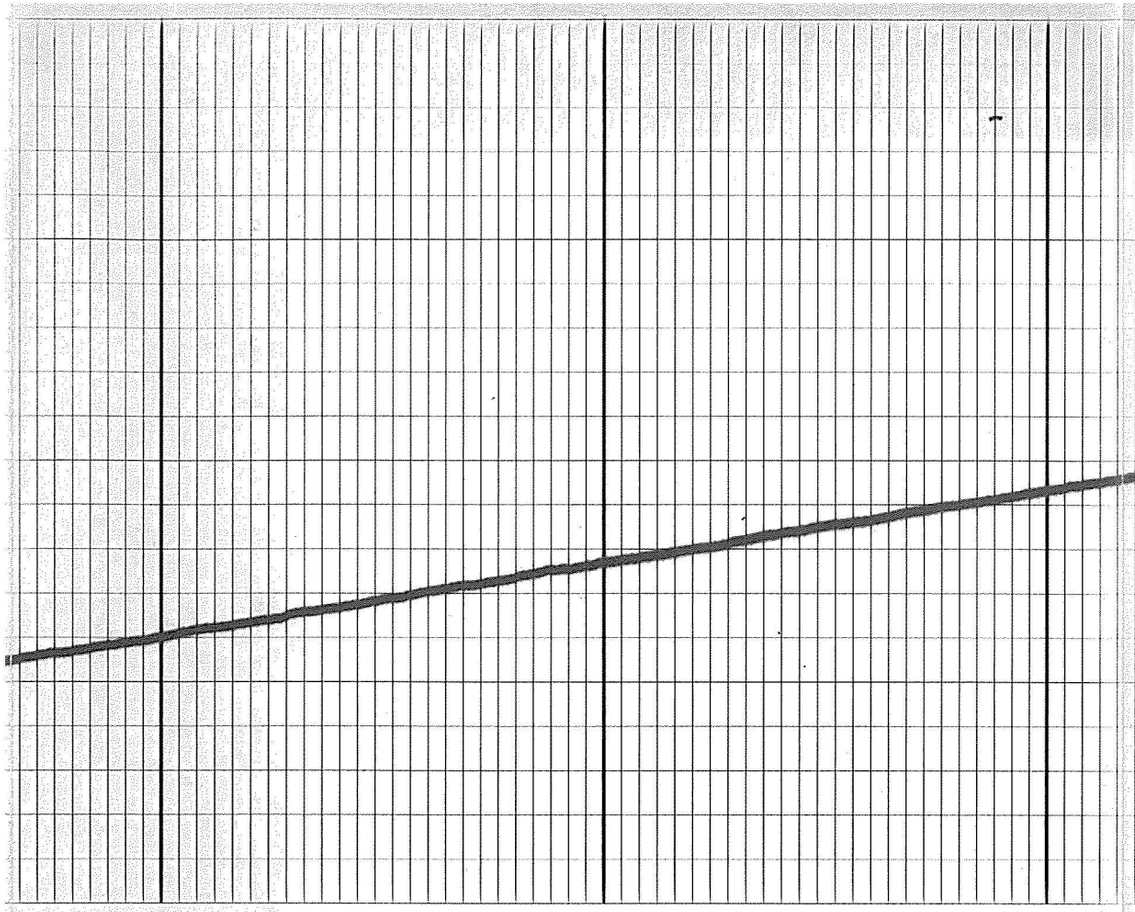

140
150
130
140
4500
4600
4700

4800
4900

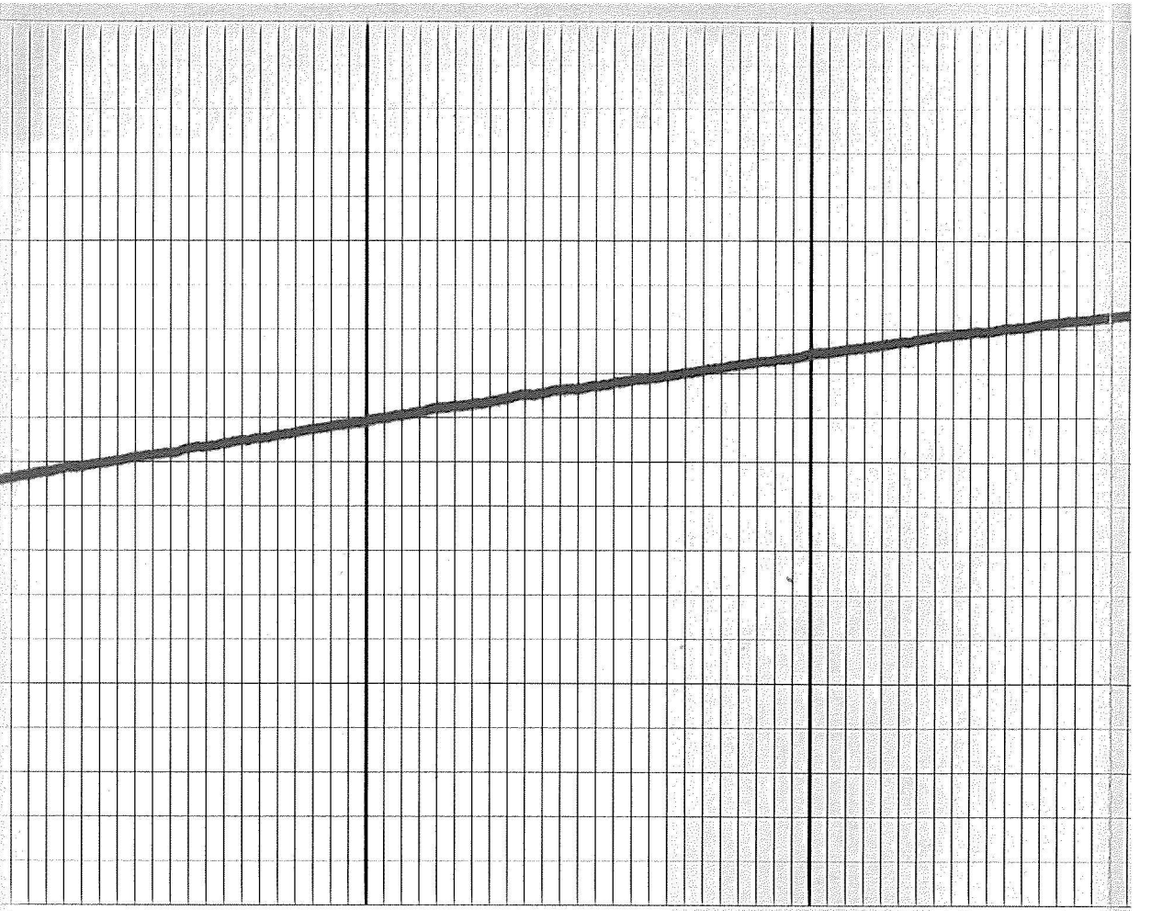

150
160
140
150
5000
5100
5200


SIT ON BRIDGE
STARTED LOGGING
5300
5400

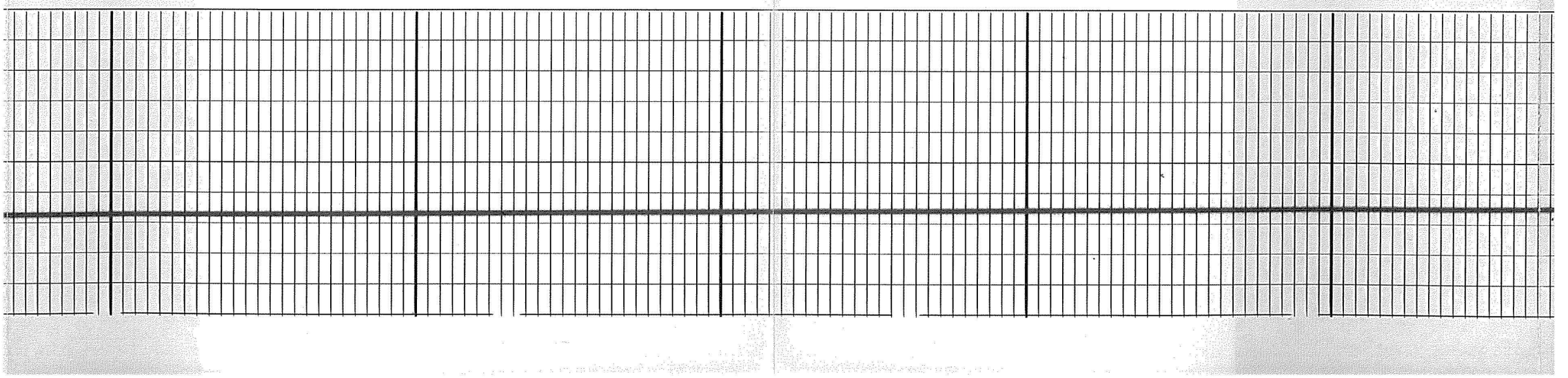

160
170
150
160
5500
5600
5700

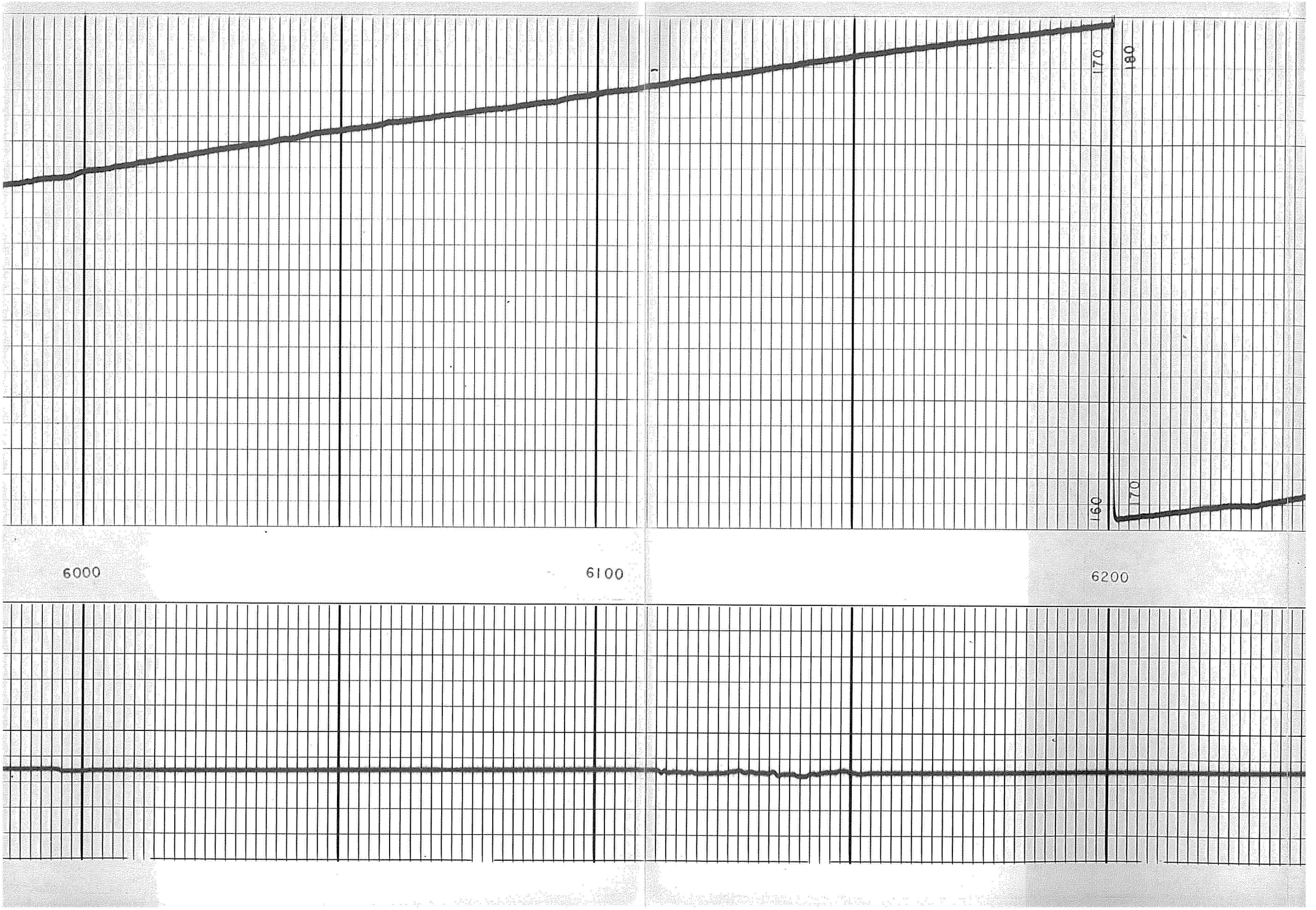


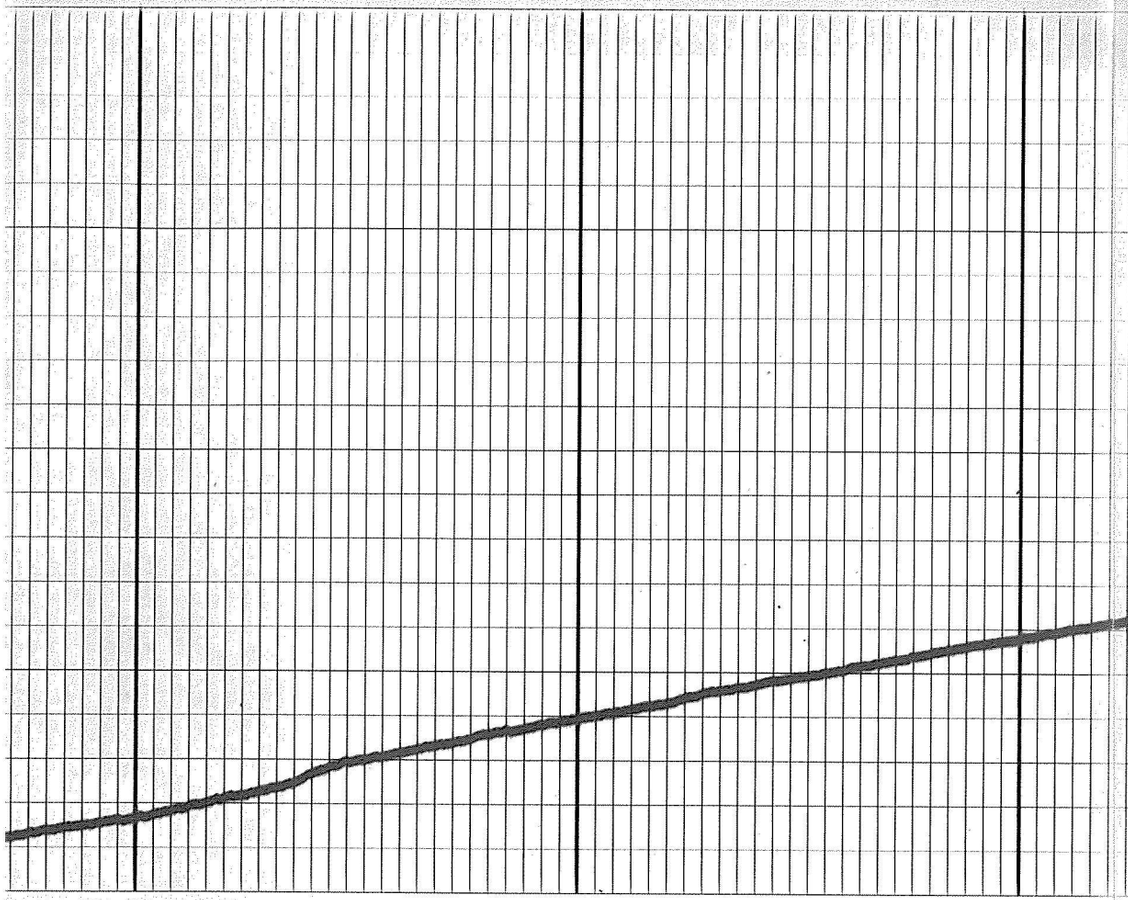
5800



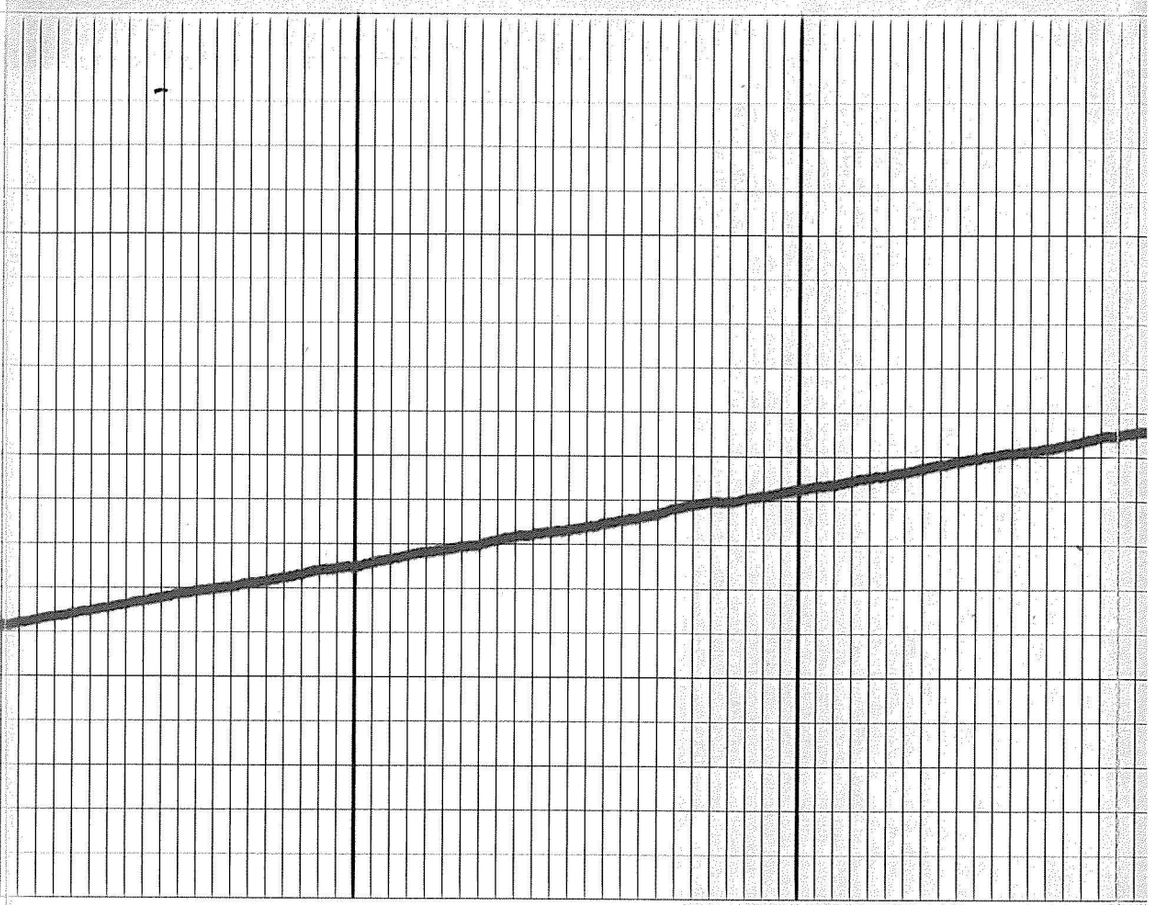
5900



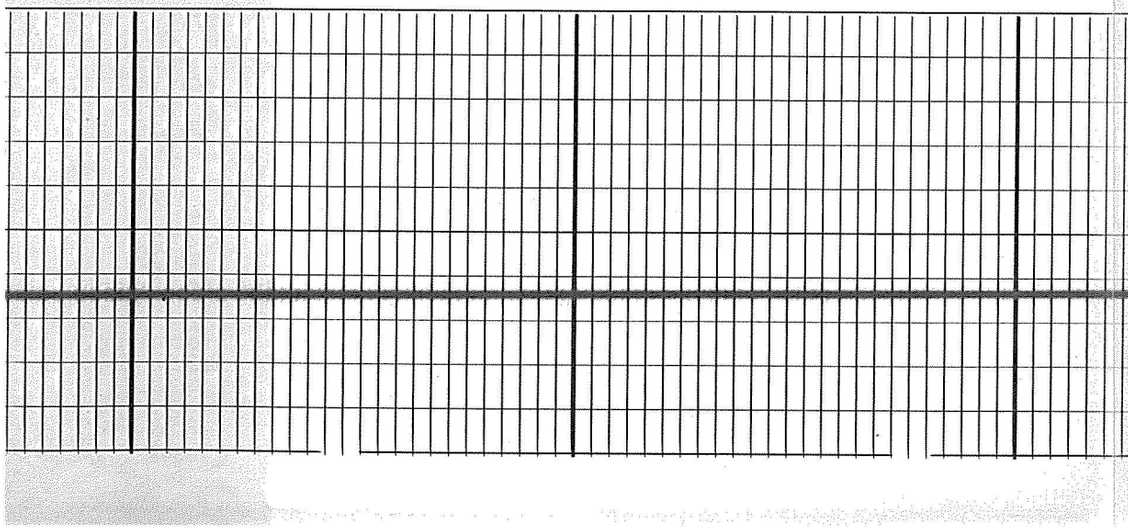

170
160
160
170
6000
6100
6200

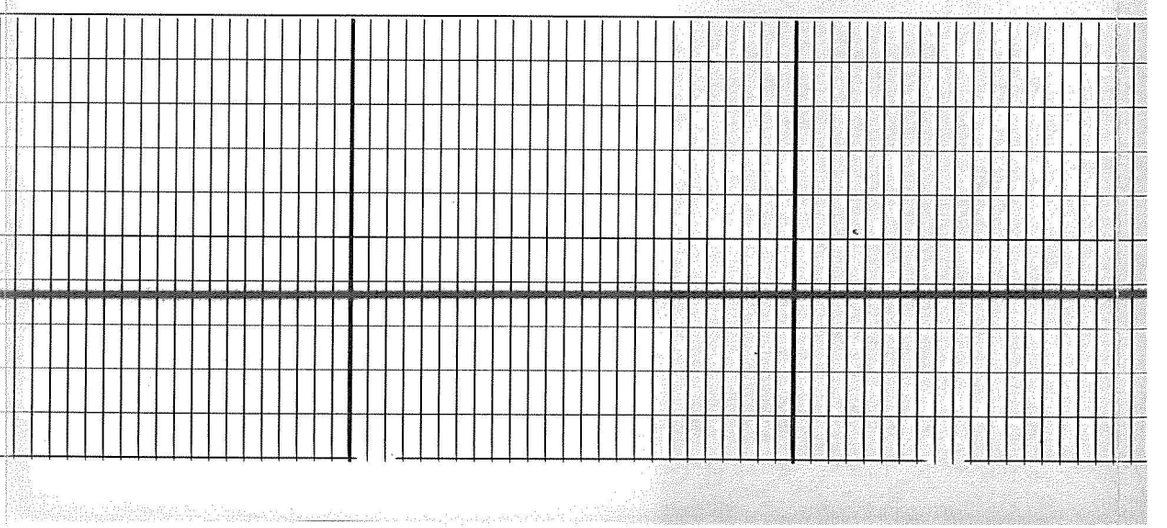


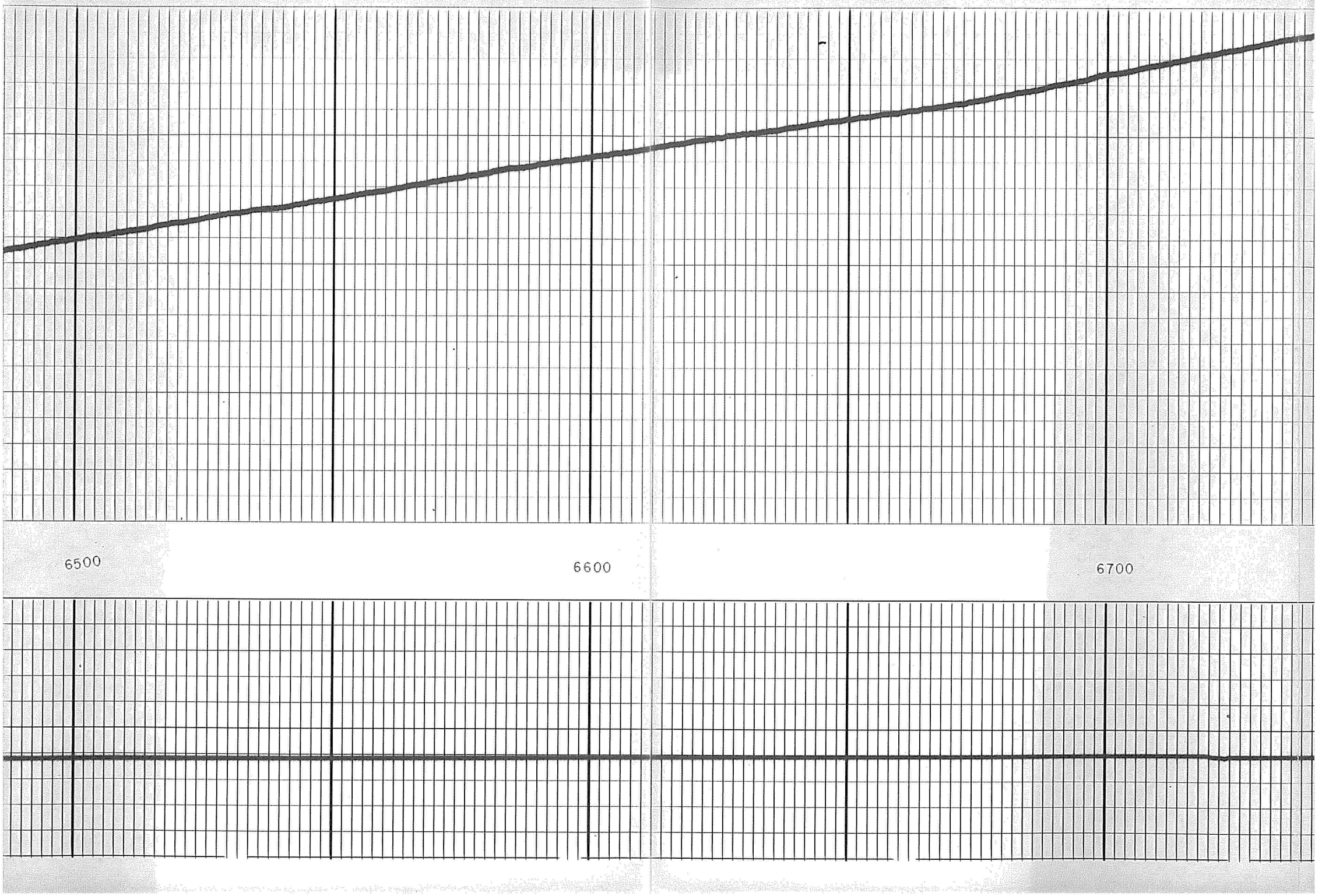
6300

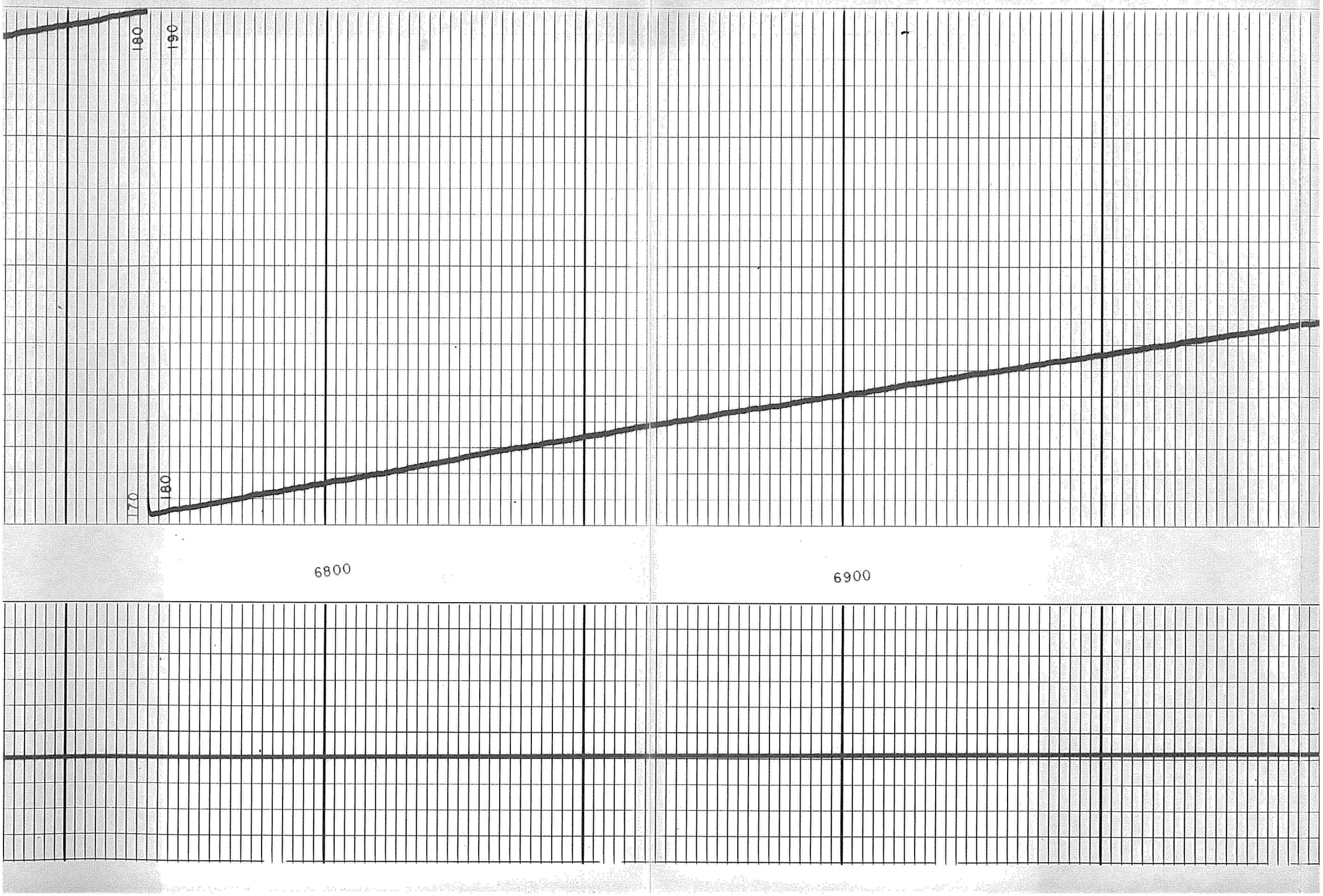


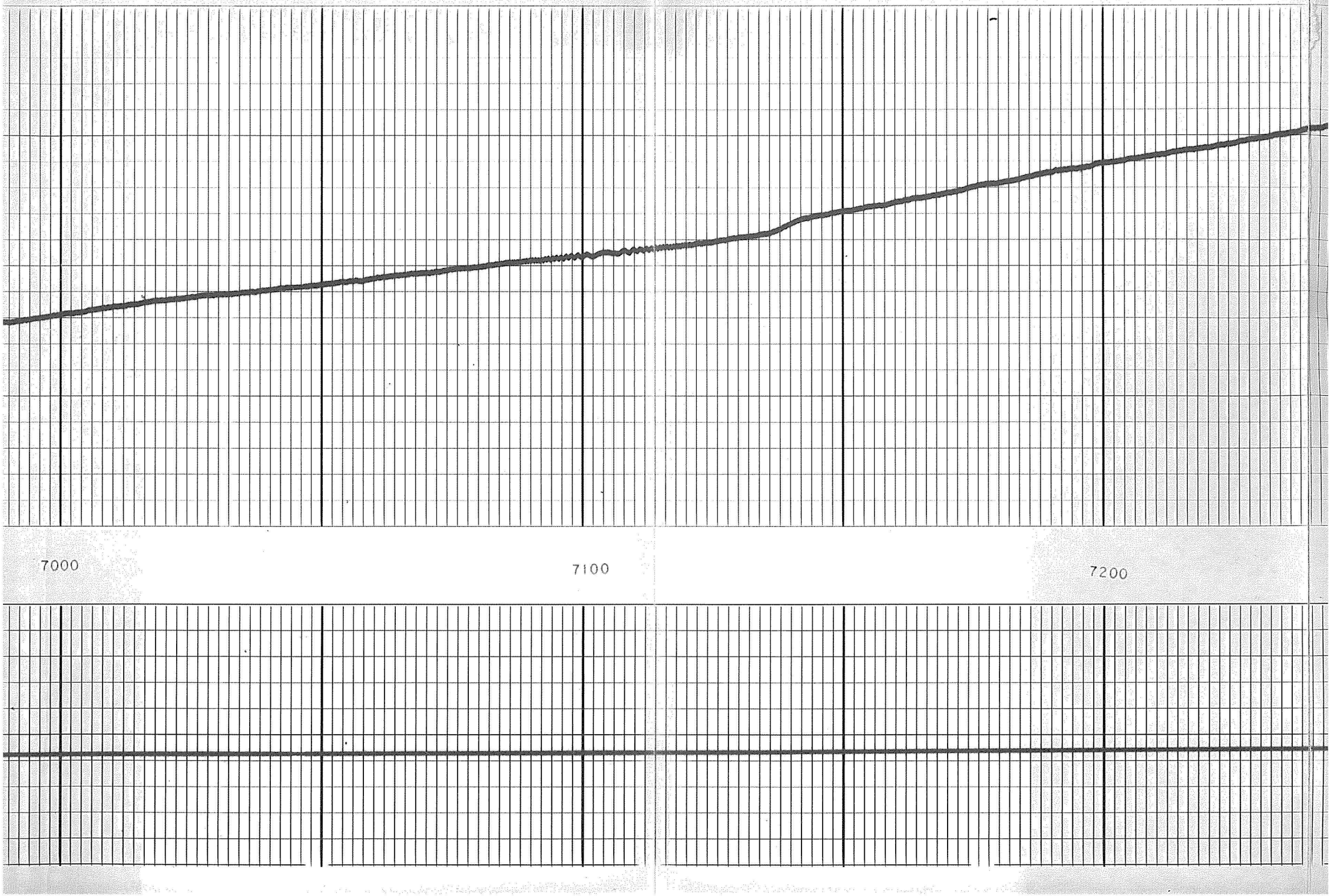
6400

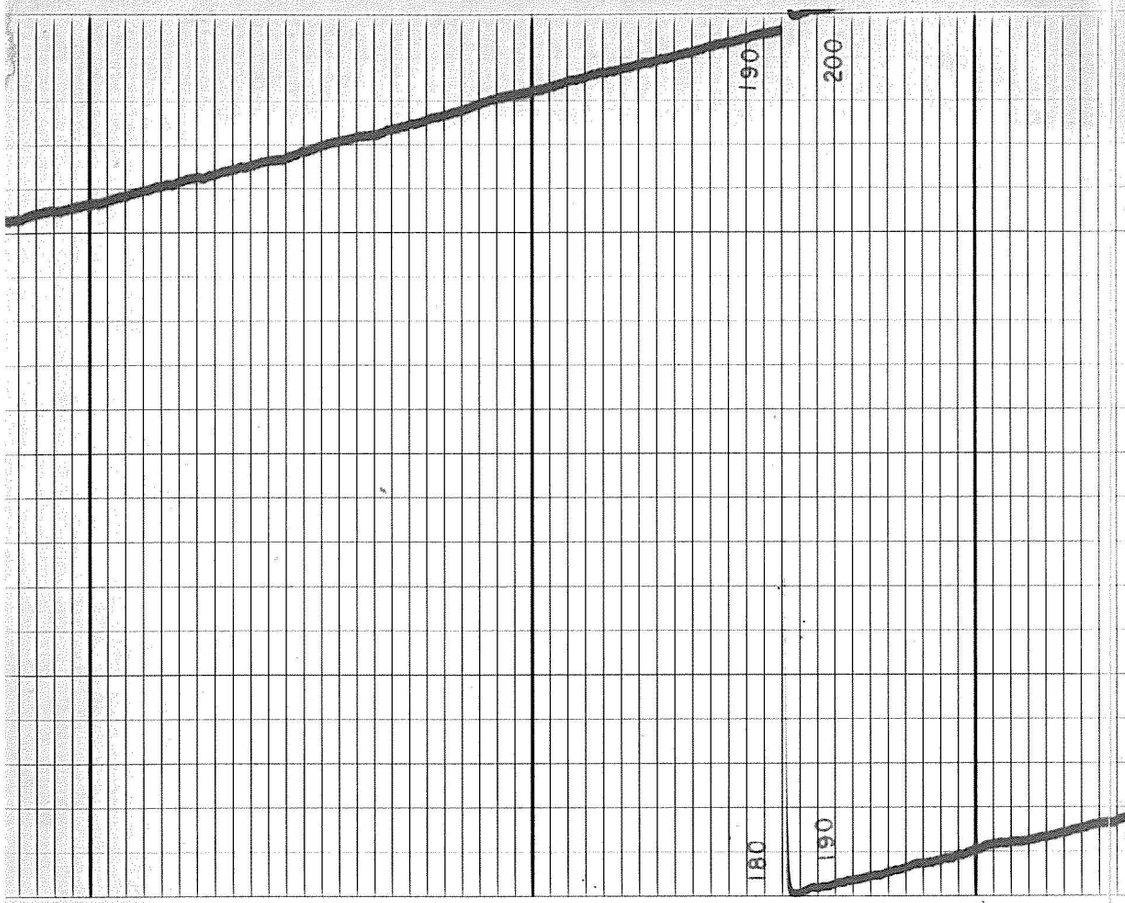


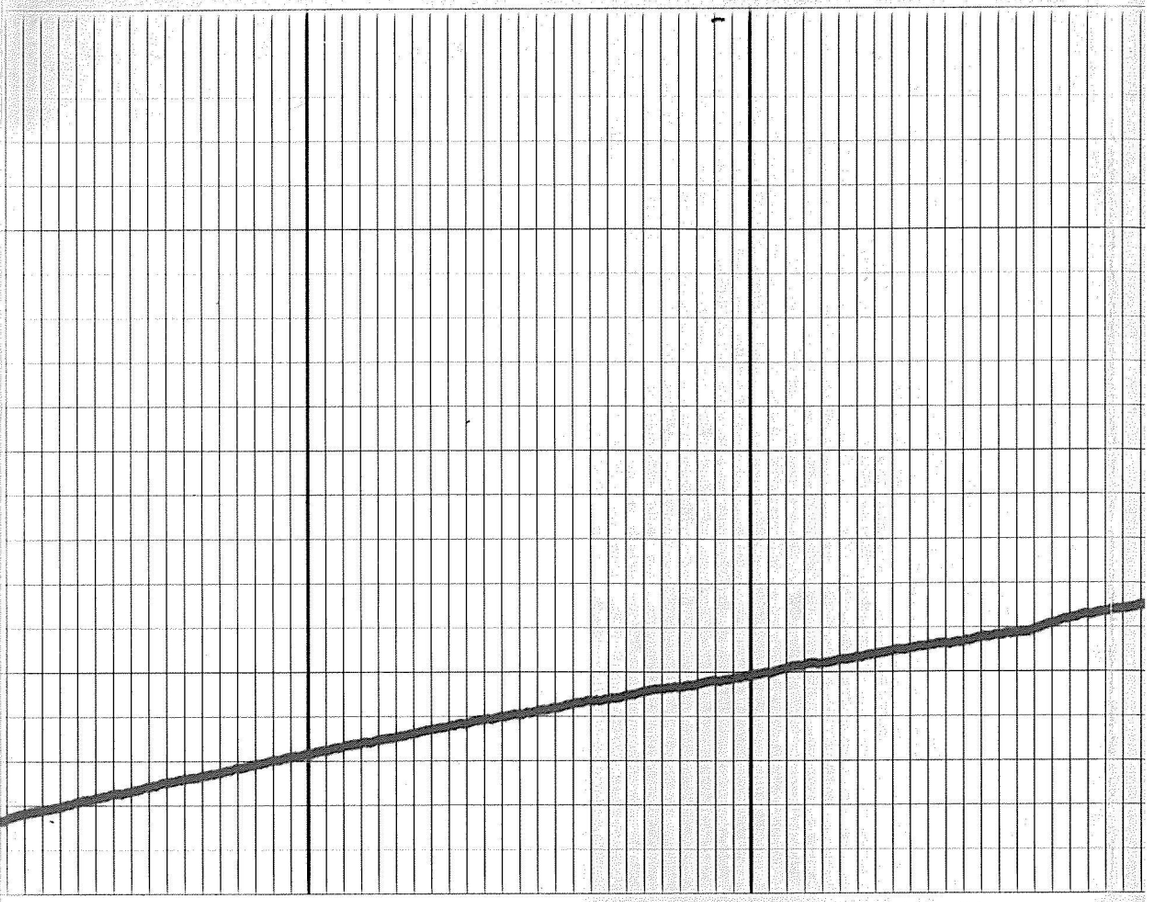



6500
6600
6700


180
190
170
180
6800
6900

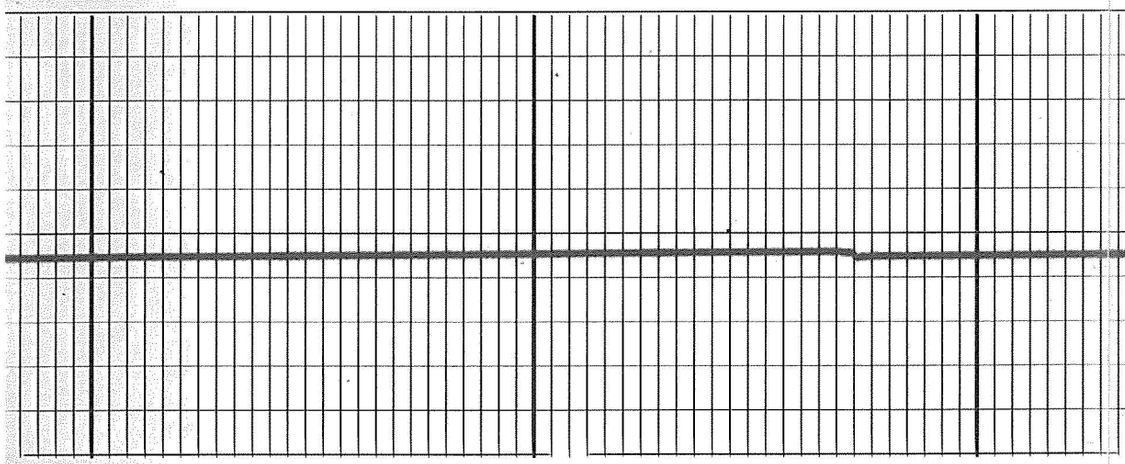

7000
7100
7200

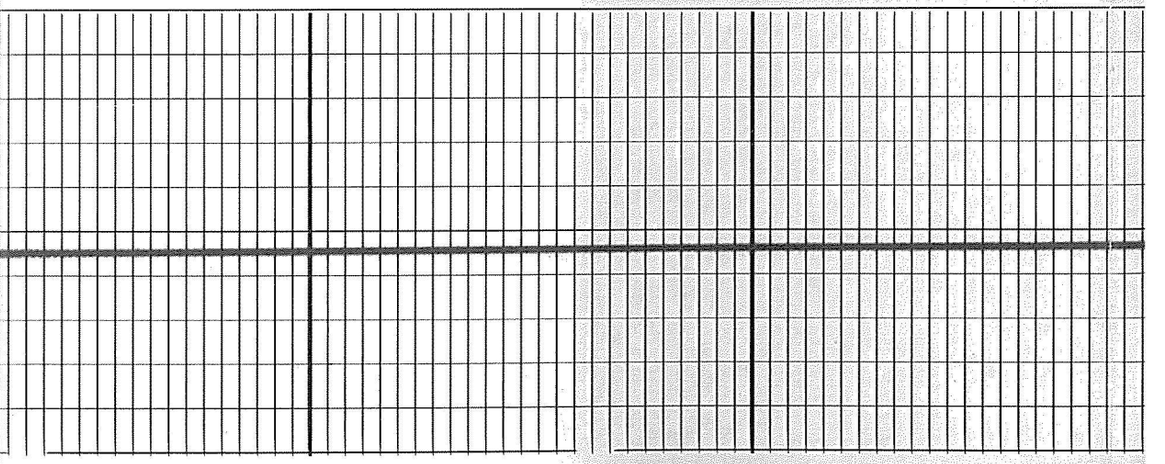


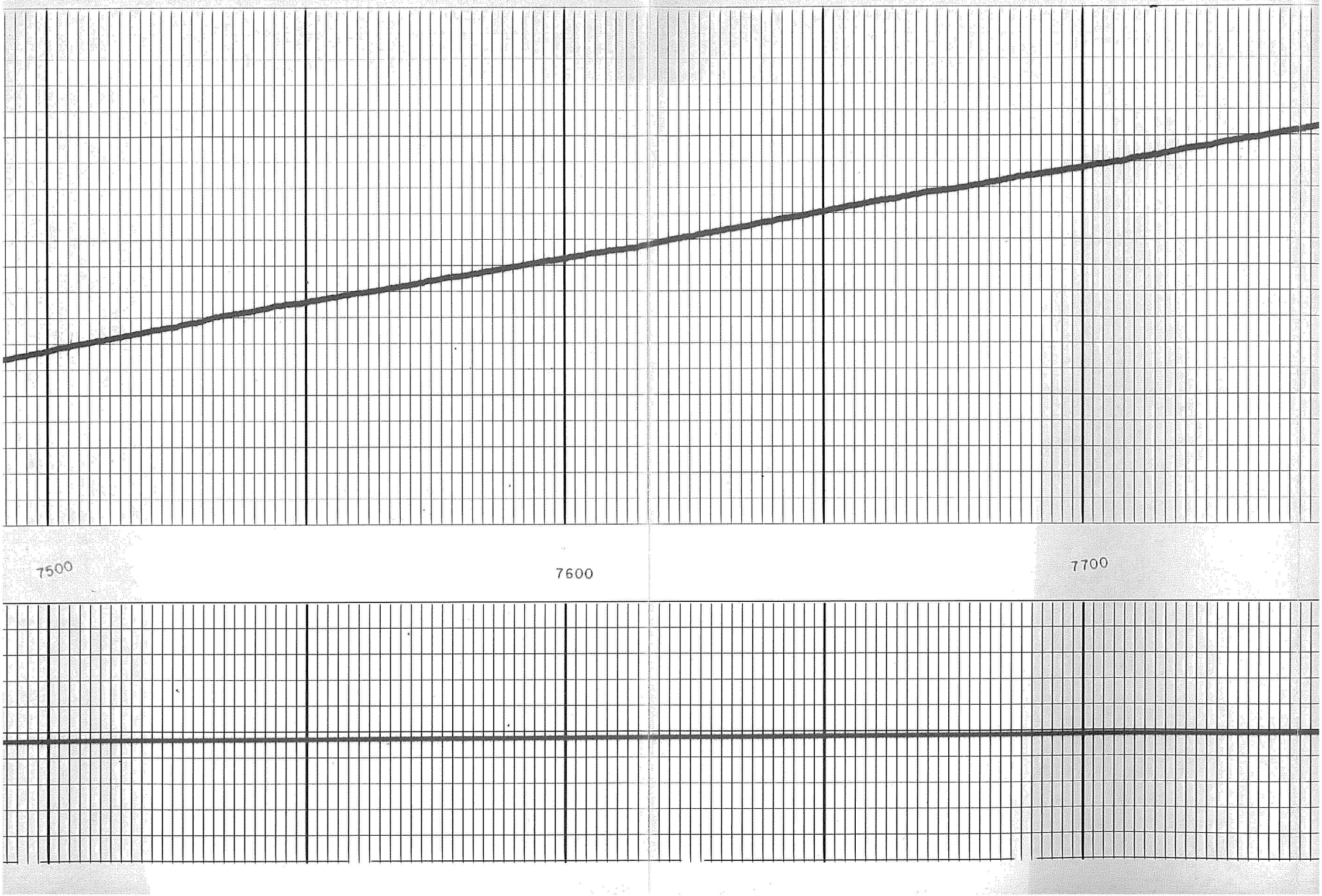


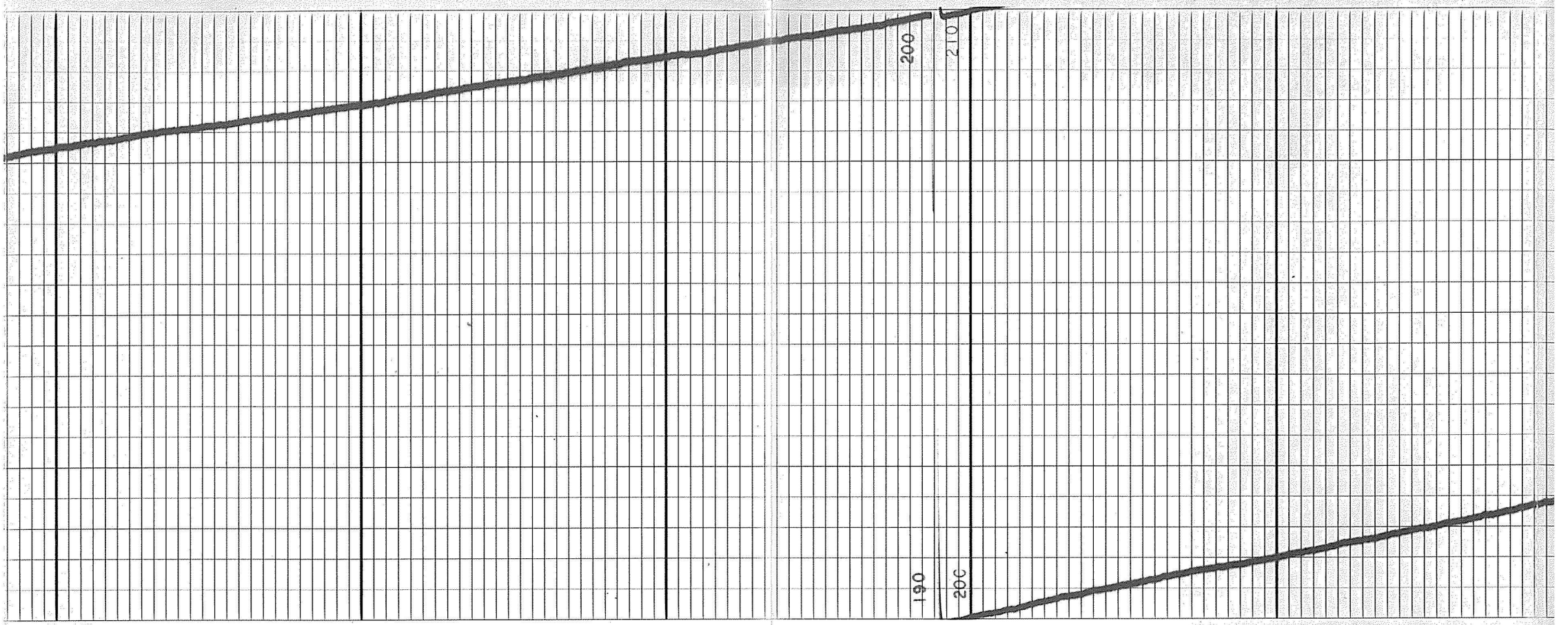
7300

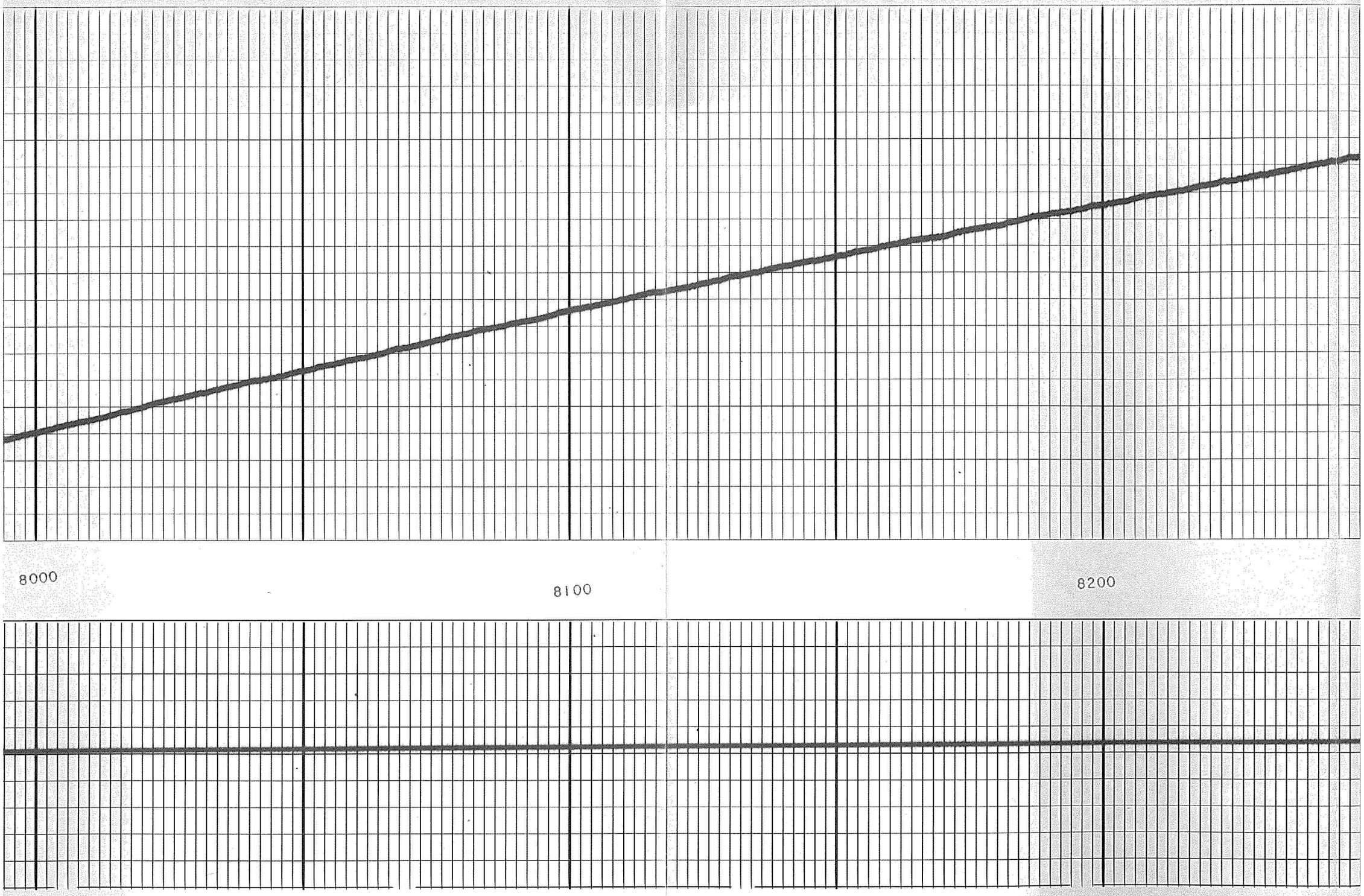
7400

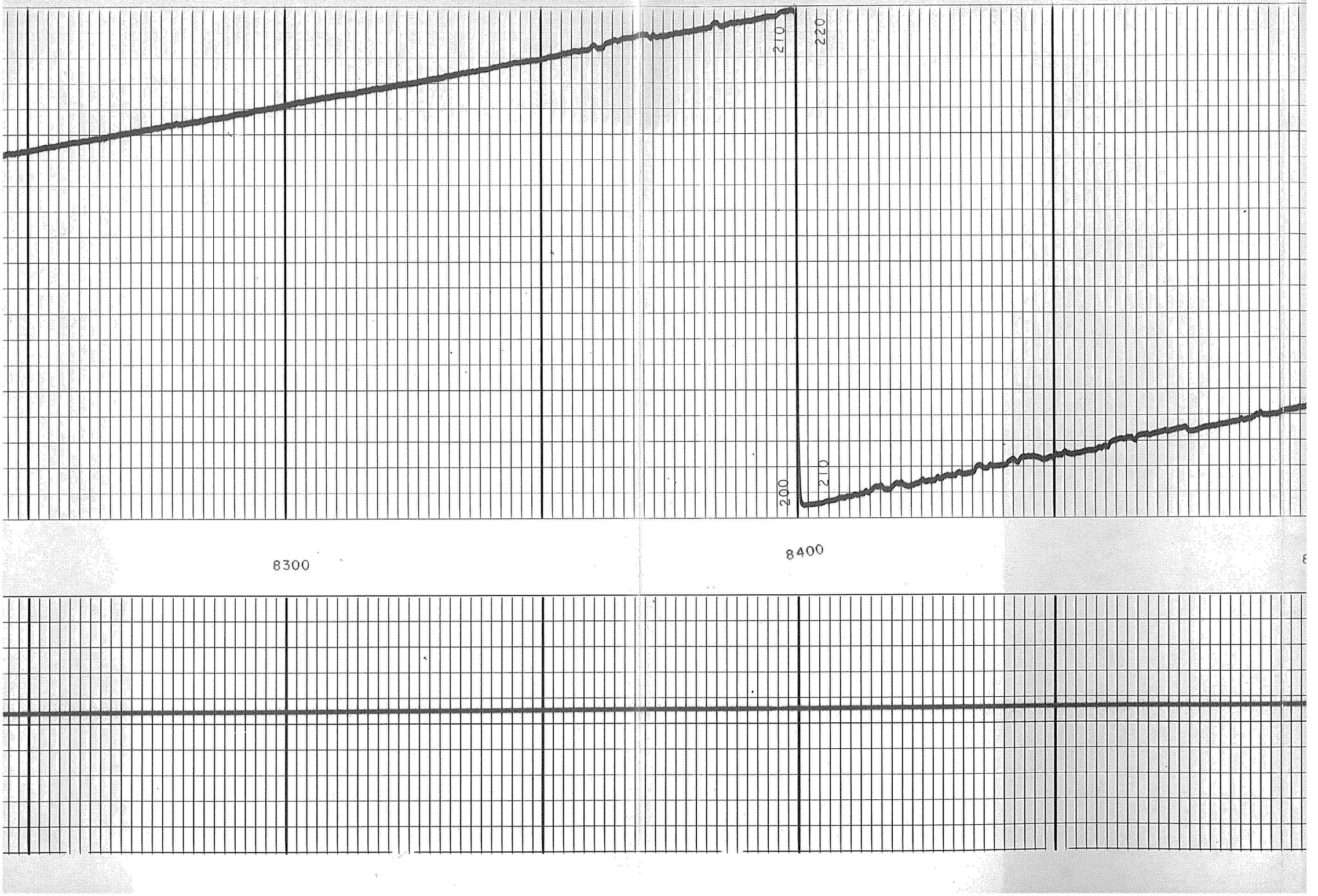


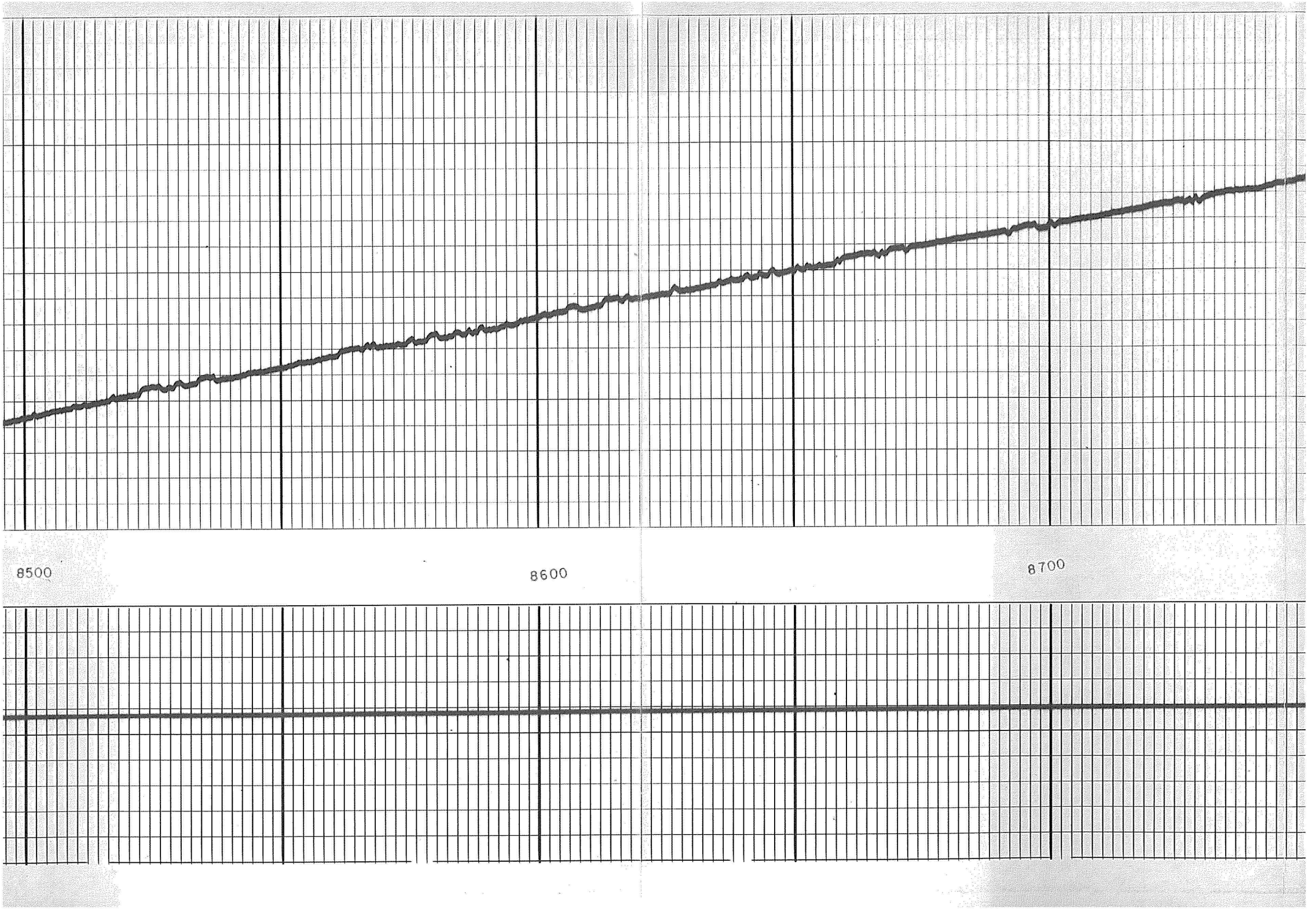


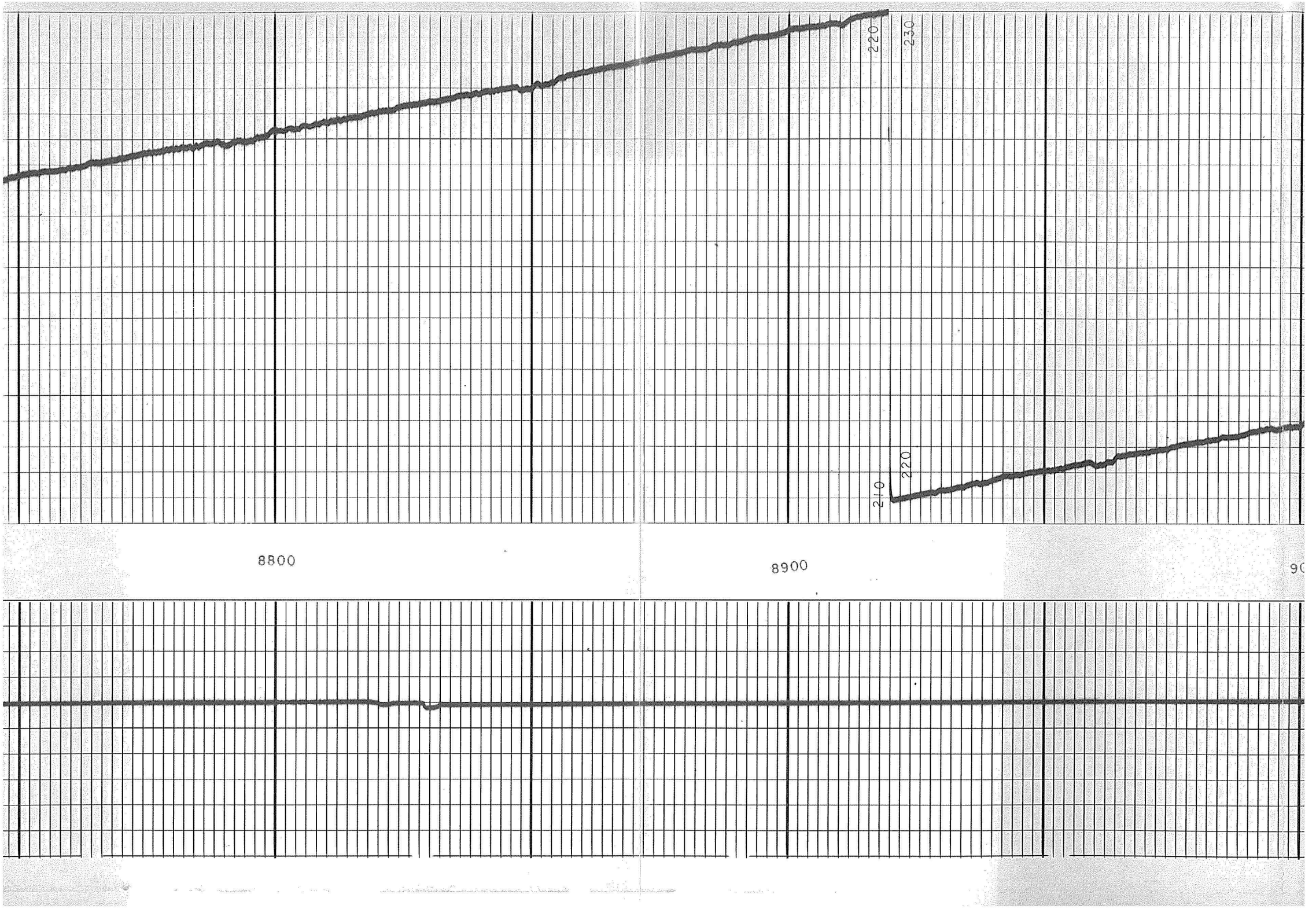

7500
7600
7700

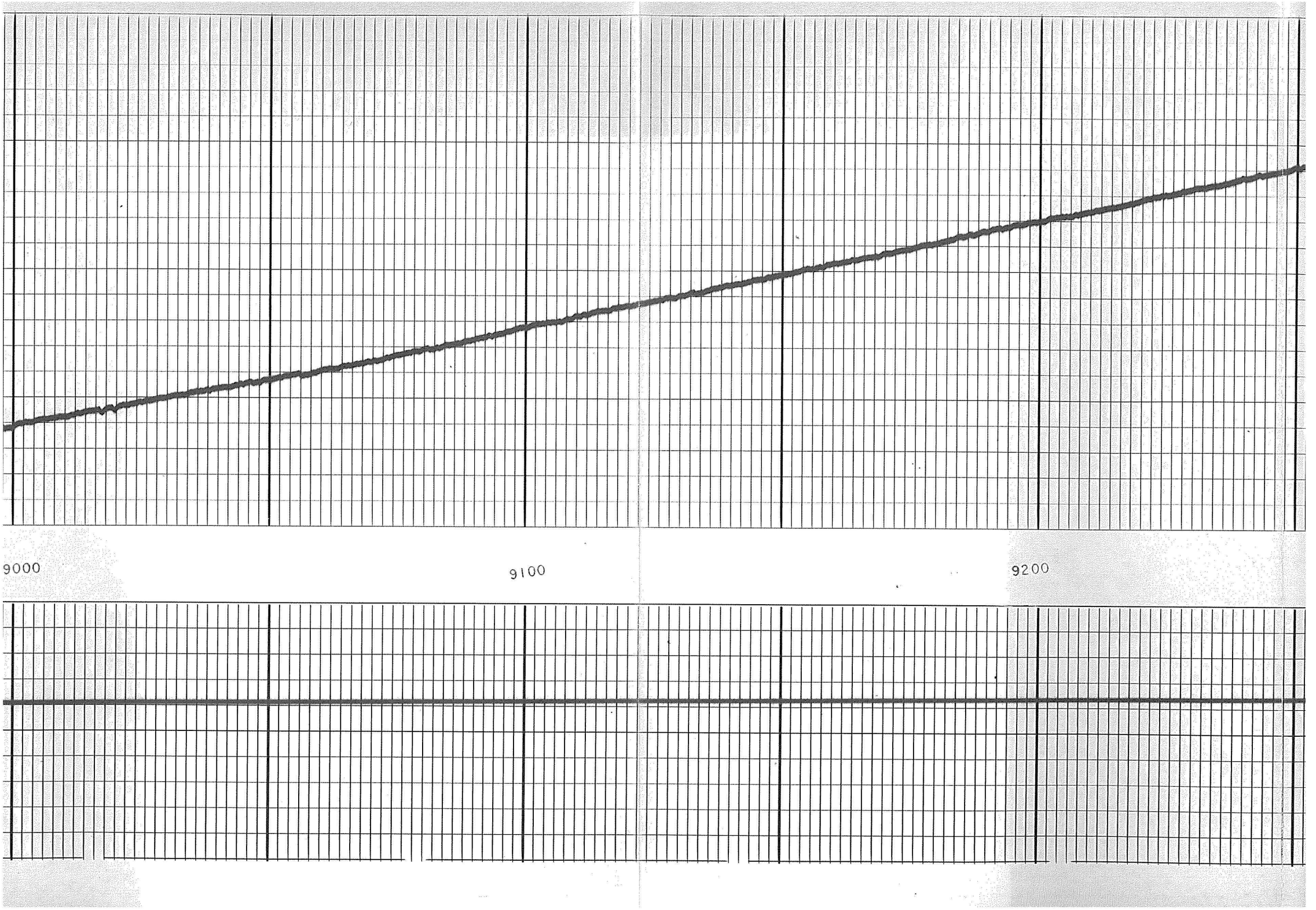

200
210
190
200
7800
7900

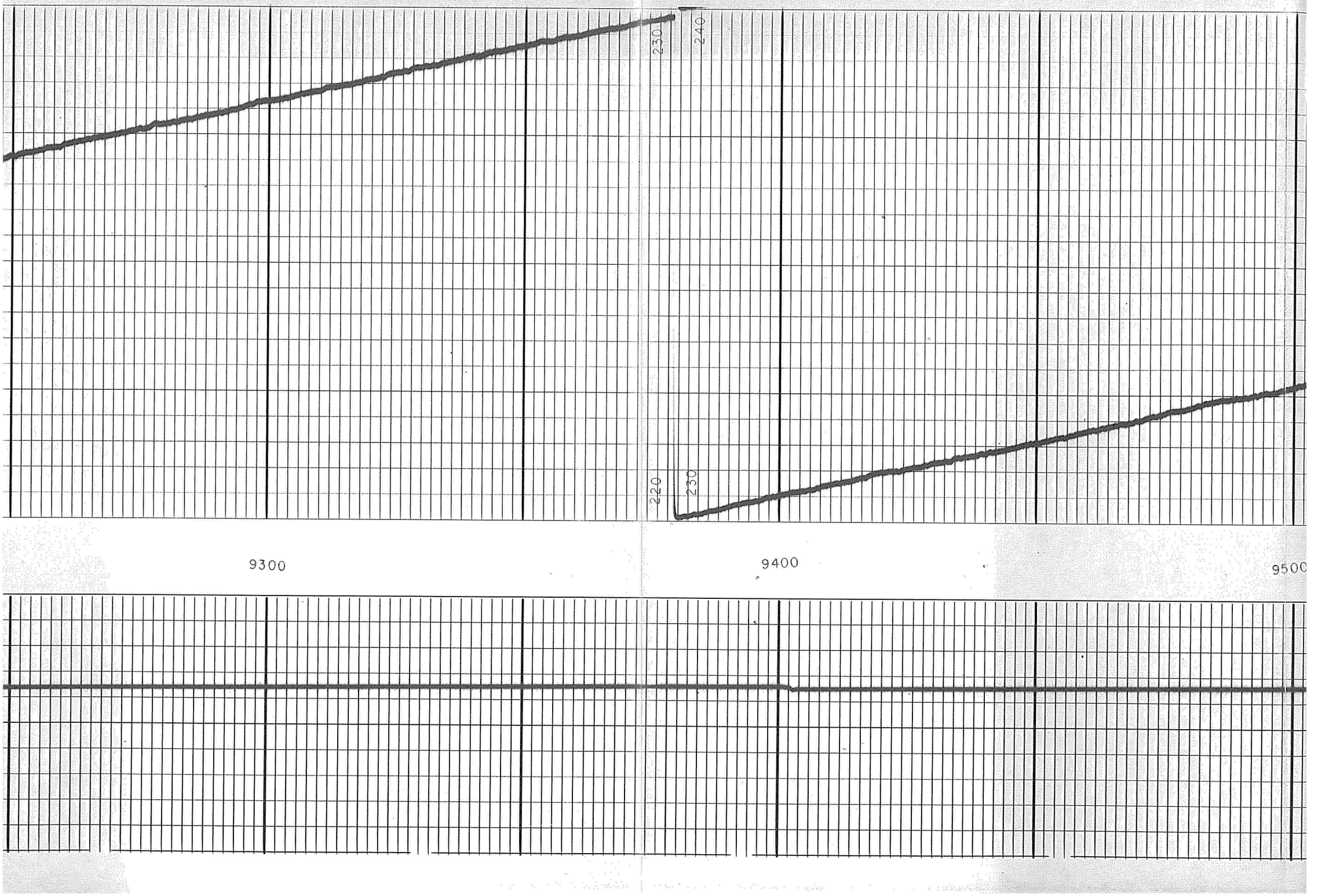

8000
8100
8200


210
220
200
210
8300
8400

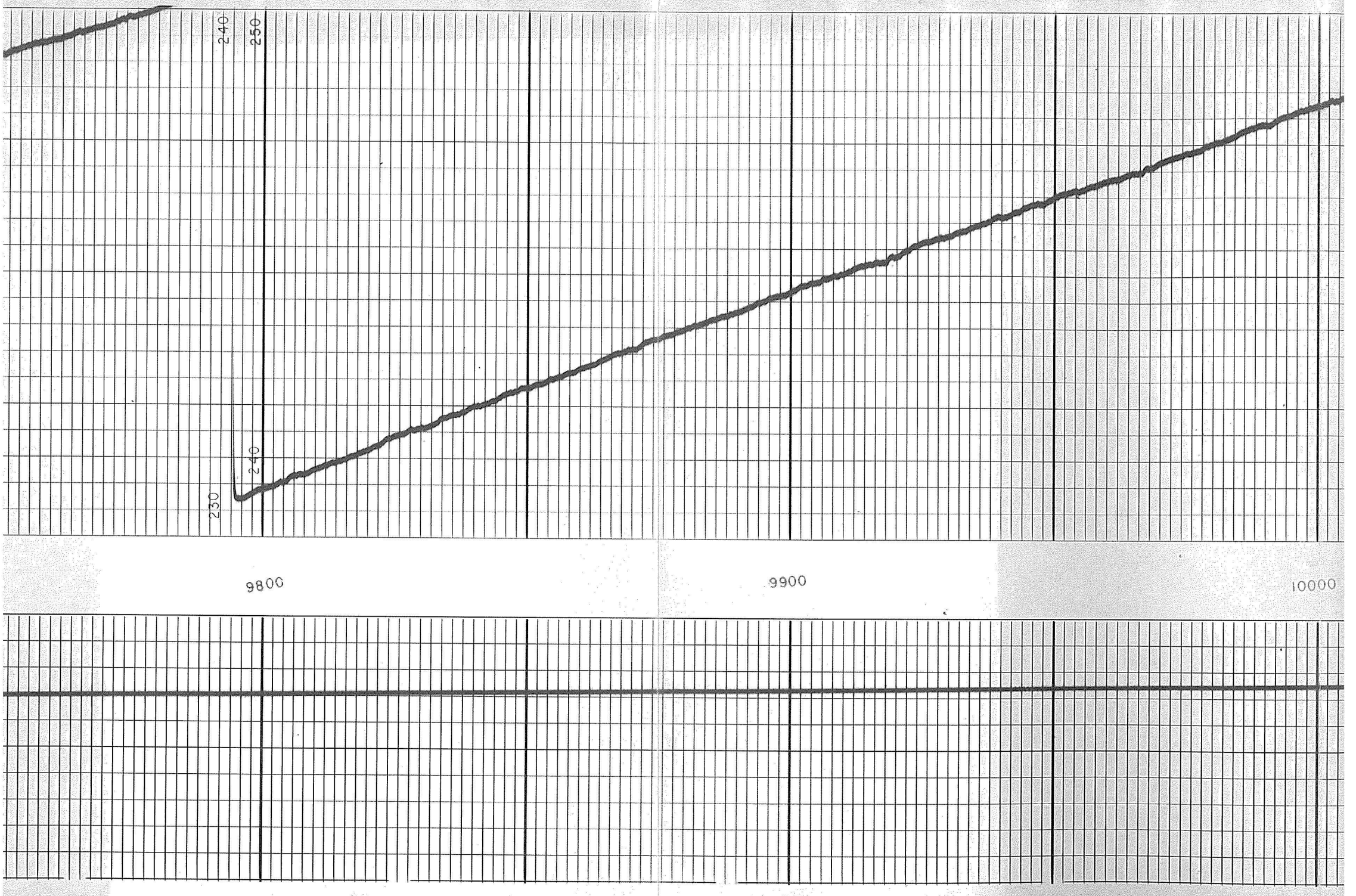

8500
8600
8700

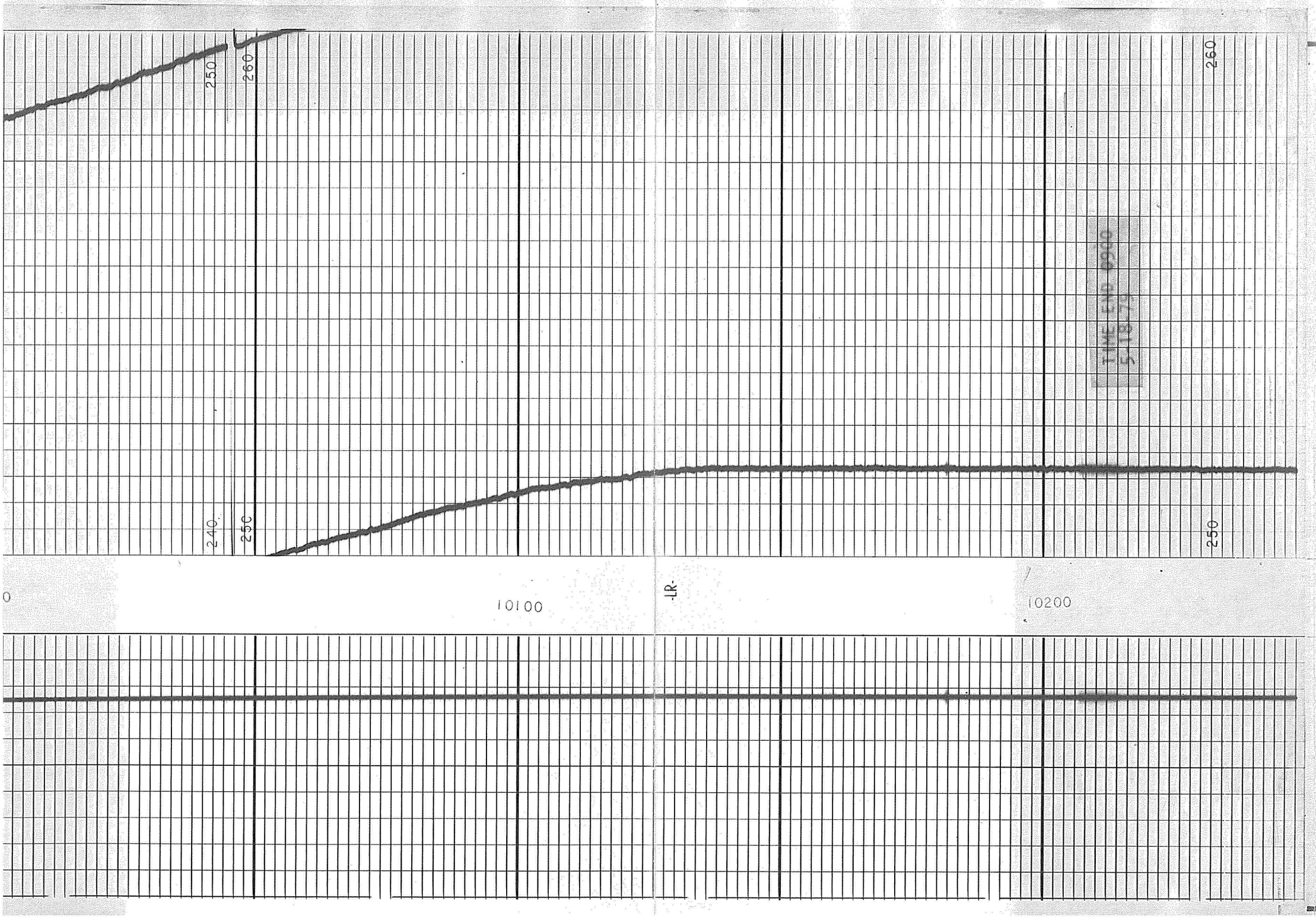

220
230
210
220
8800
8900
90


9000
9100
9200


230
240
220
230
9300
9400
9500

)0
9600
9700


230
240
240
250
9800
9900
10000


250
260
240
250
260
250
10100
10200

TEMPERATURE °F.

OMPANY E.G. & G. IDAHO INC.

/ELL INEL #1

ELD GEO/EXPLORATION

OUNTY BUTTE STATE IDAHO

SCHL. F. R. 10230
SCHL. T. D. 10241
DRLR. T. D. 10333