

Schlumberger

## TEMPERATURE SURVEY

COMPANY	E G & G		
GL02573			
WELL	INEL # 1		
FIELD	WILDCAT		
COUNTY	BUTTE		
STATE	IDAHO		
LOCATION			
API SERIAL NO.	SEC.	TWP	RANGE
GL	1	3N	29E
Log Measured From	GL		
Drilling Measured From			
Date	3/3/79	3/27/79	5/11/79
Run No.	ONE	TWO	THREE
Depth—Driller	1524	3555 (STRAP)	9816
Depth—Logger (Schl.)	1492	3553	9698
Btm. Log Interval	1492	3553	9698
Top Log Interval	0	486	3550
Casing—Driller	30"	@ 40'	20 @ 1511 133 @ 3559 @
Casing—Logger		1511	3556
Bit Size	26"	17.50	12.25
Type Fluid in Hole	FGM	LSND	FRESH WATER
Dens.	8.5	50	8.8 57 NA NA
pH			8.0 13.0 ml ml ml
Source of Sample	MUD TANK		
Rm @ Meas. Temp.	6.07	@ 45°F	8.57 @ 70°F 15.5 @ 50°F @ °F
Rmf @ Meas. Temp.	5.77	@ 75°F	8.94 @ 59°F 15.3 @ 58°F @ °F
Rmc @ Meas. Temp.	9.11	@ 45°F	12.86 @ 70°F @ °F @ °F
Source: Rmf	Rmc	M C M C M	
Rm @ BHT	4.34	@ 63°F	5.22 @ 116°F 4.07 @ 221°F @ °F
Circulation Stopped	3/3	@ 1500	3/27 @ 0130 0500
TIME			
Logger on Bottom	3/3	@ 1700	3/27 @ 2345
Max. Rec. Temp.		63°F	130 S REMARK 238°F °F
Equip.	Location	8073	EVSTN 8060 EVSTN 7674 VERNAL
Recorded By		RAIVO ROONEY	GALES / VALENTI
Witnessed By Mr.		T. F. NEWMAN	STRAWN / GOLDMAN / STRAWN

FOLD HERE

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

Run No.	ONE	TWO	THREE	SCALE CHANGES			
				Type Log	Depth	Scale Up Hole	Scale Down Hole
Service Order No.	73963	40303					
API Serial No.							
Fluid Level	400	FULL					
EQUIPMENT DATA		HRT CSU 8060					
CALIBRATION DATA							
Speed - F.P.M.		60					
GR	BKG. CPS Source CPS Tc						

## REMARKS:

MAX READING THERMO = 63°F  
RUN 2 - MAX READING THERMO # 1  
= 123°F EMP. TOOL READ 122½°F ON BOTTOM OF HOLE. AFTER 10 MIN. ON BOTTOM TOOL READ 130°F.  
RUN 3 - BOTTOM HOLE TEMP. INCREASED 1°F WHILE BEING MONITORED FOR ONE HOUR IMMEDIATELY AFTER REACHING TD. MECH. SHIFT IN REDUCED SENSITIVITY TEMP. CURVE AT 9460' 74084

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.

INCREASING

TEMPERATURE

TEMPERATURE LOGGED GOING DOWN

11111

12  
12  
12

TEMPERATURE LOGGED GOING DOWN

FR

100

35

40

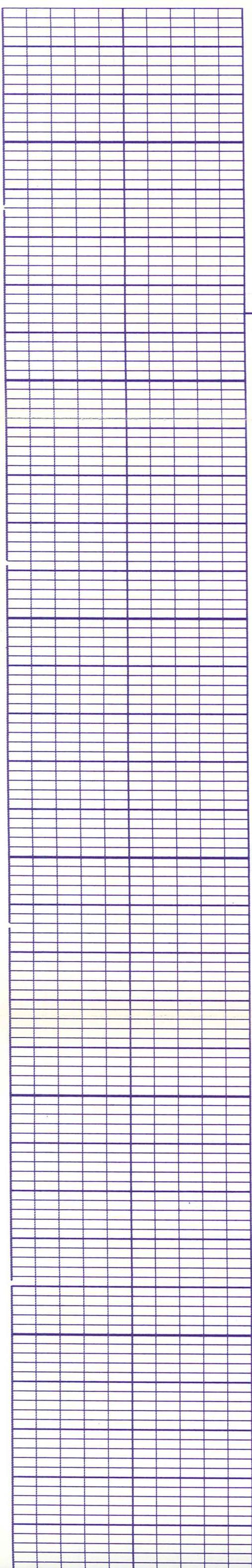
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TEMPERATURE

Tension Device

200

300





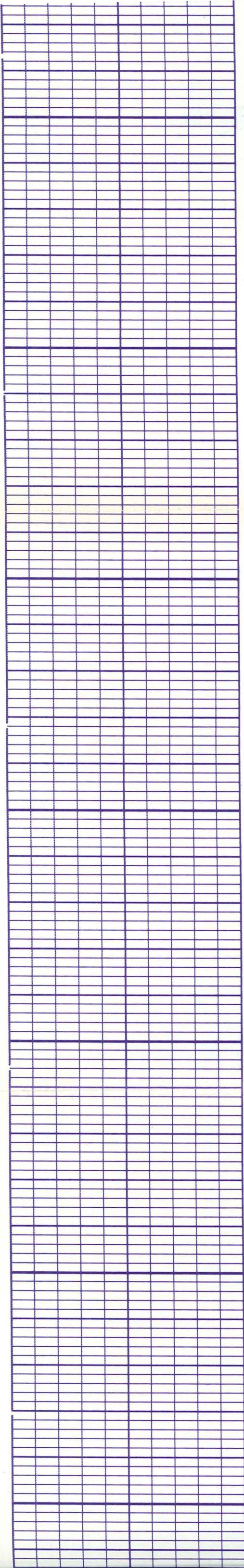
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9 0 0



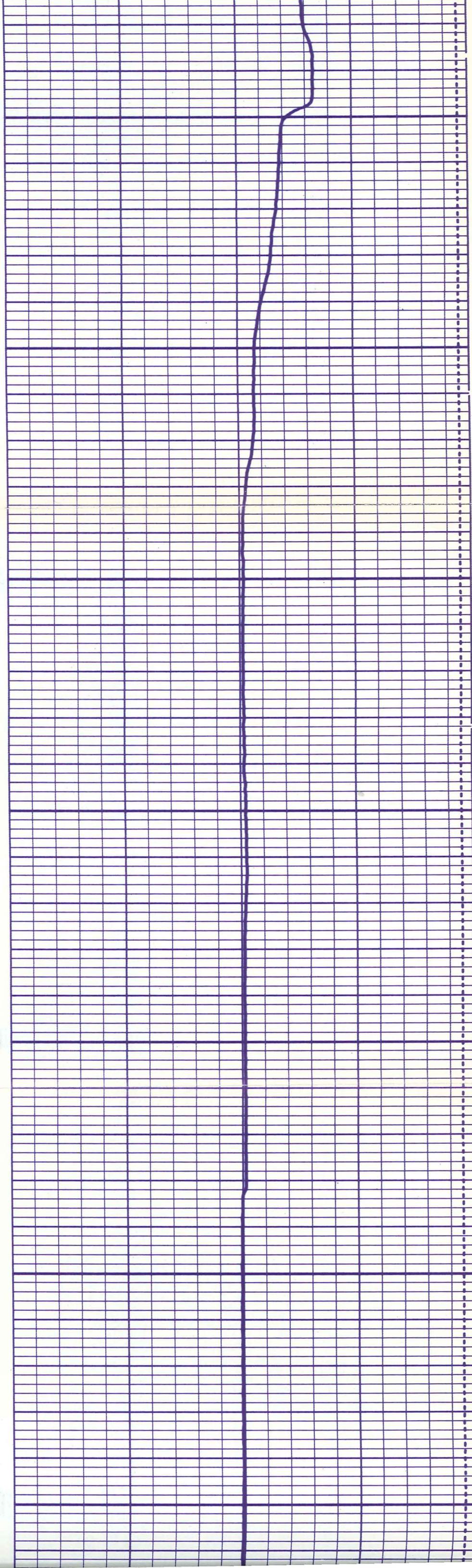


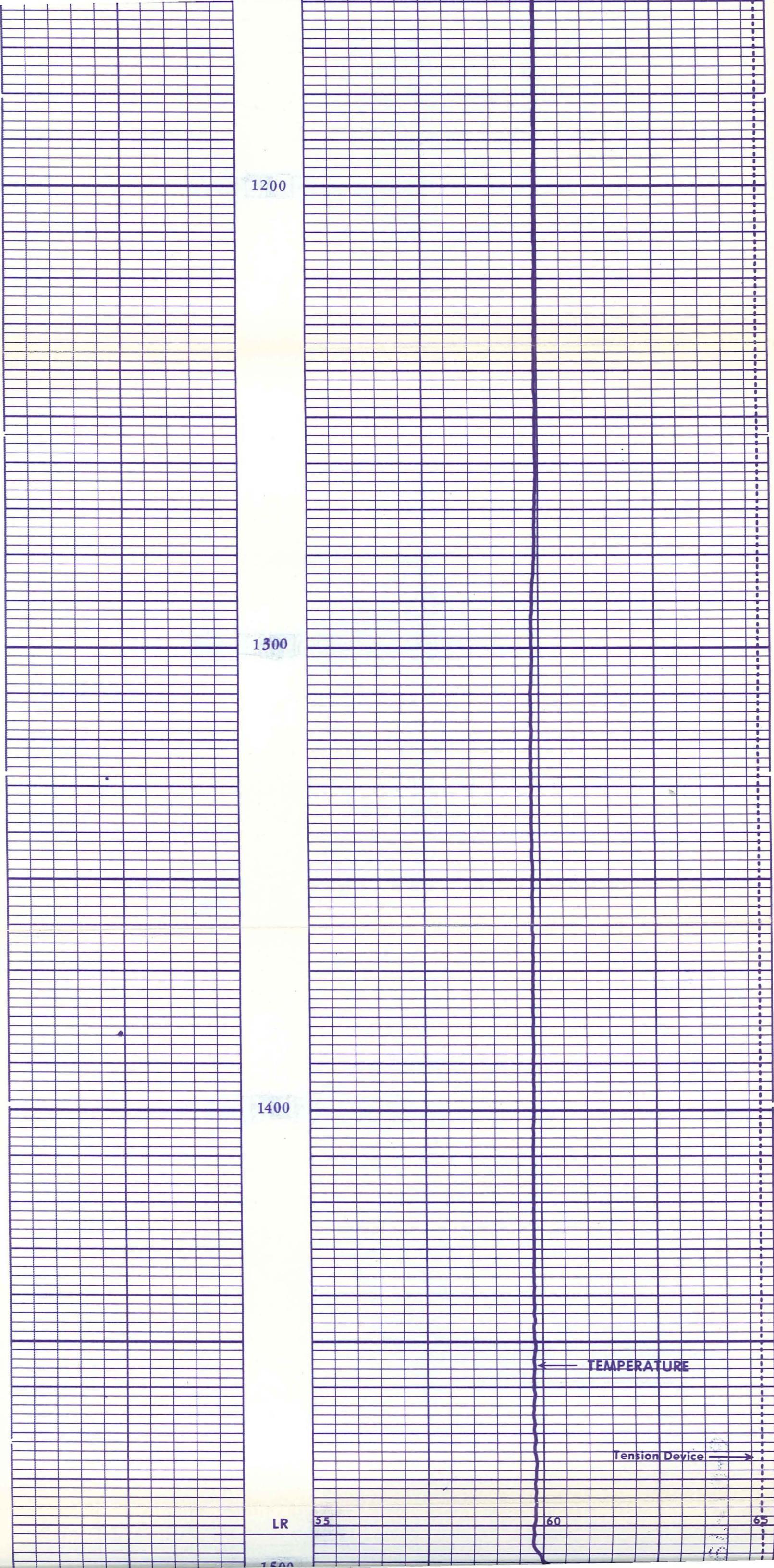
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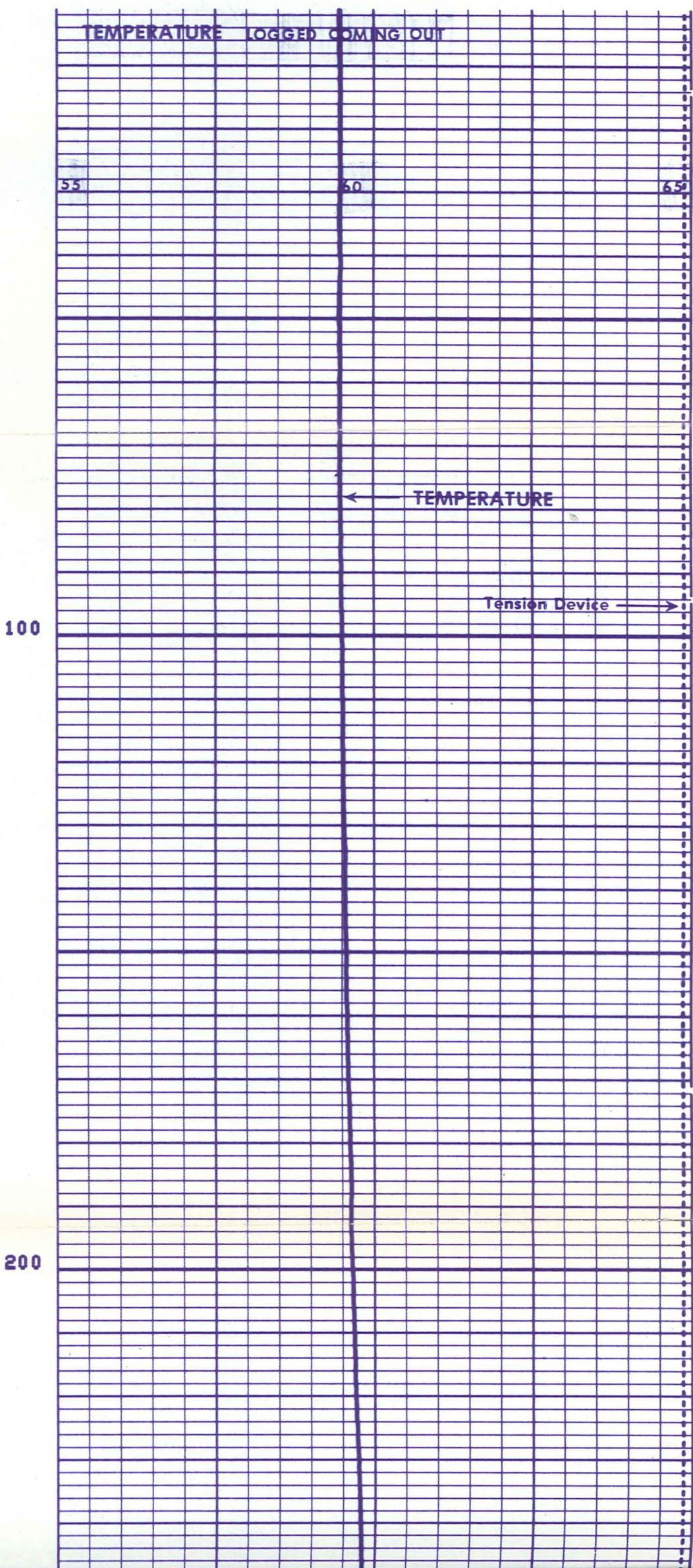
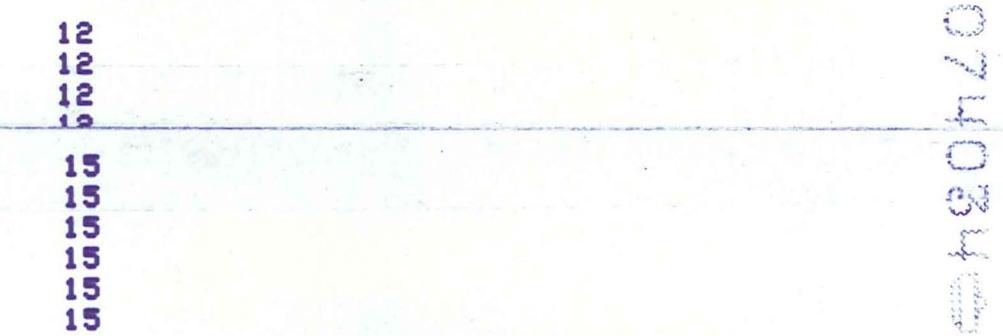
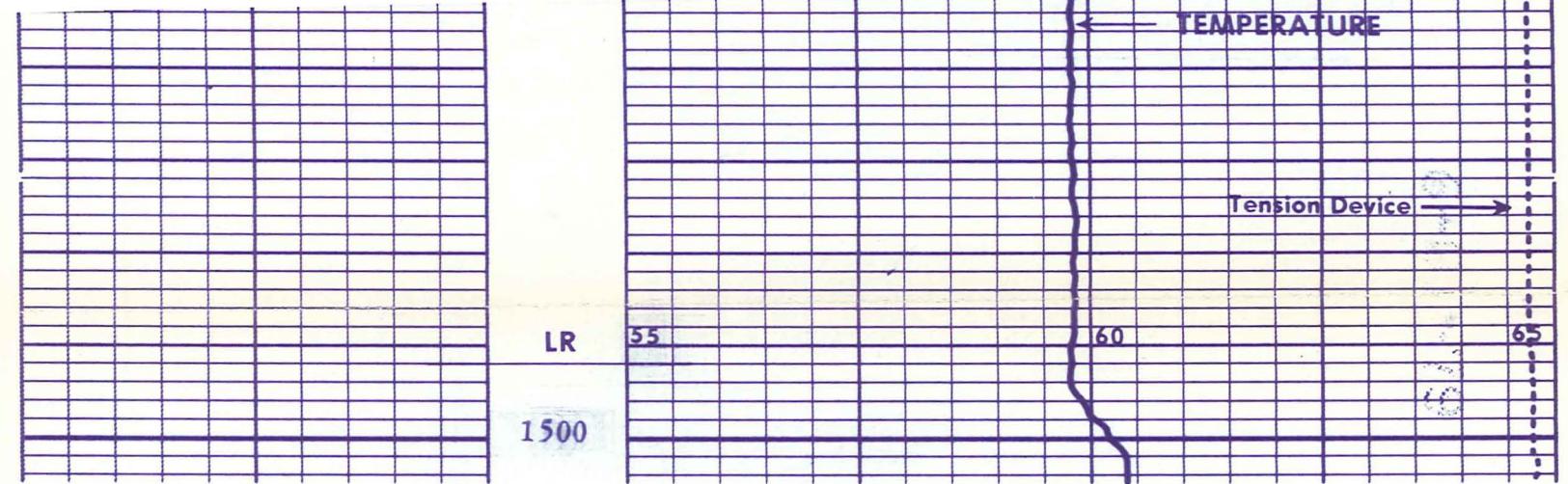
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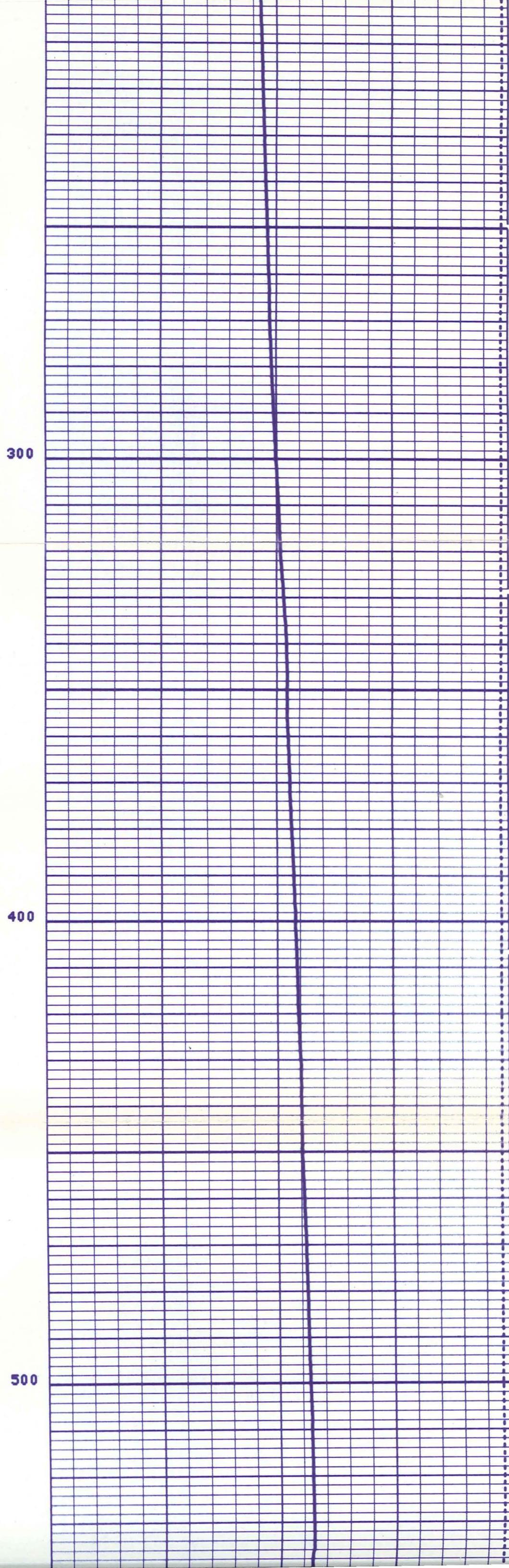
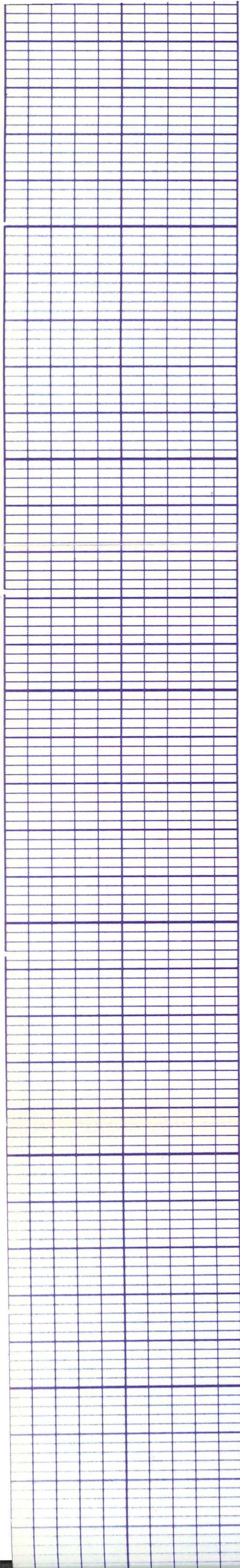
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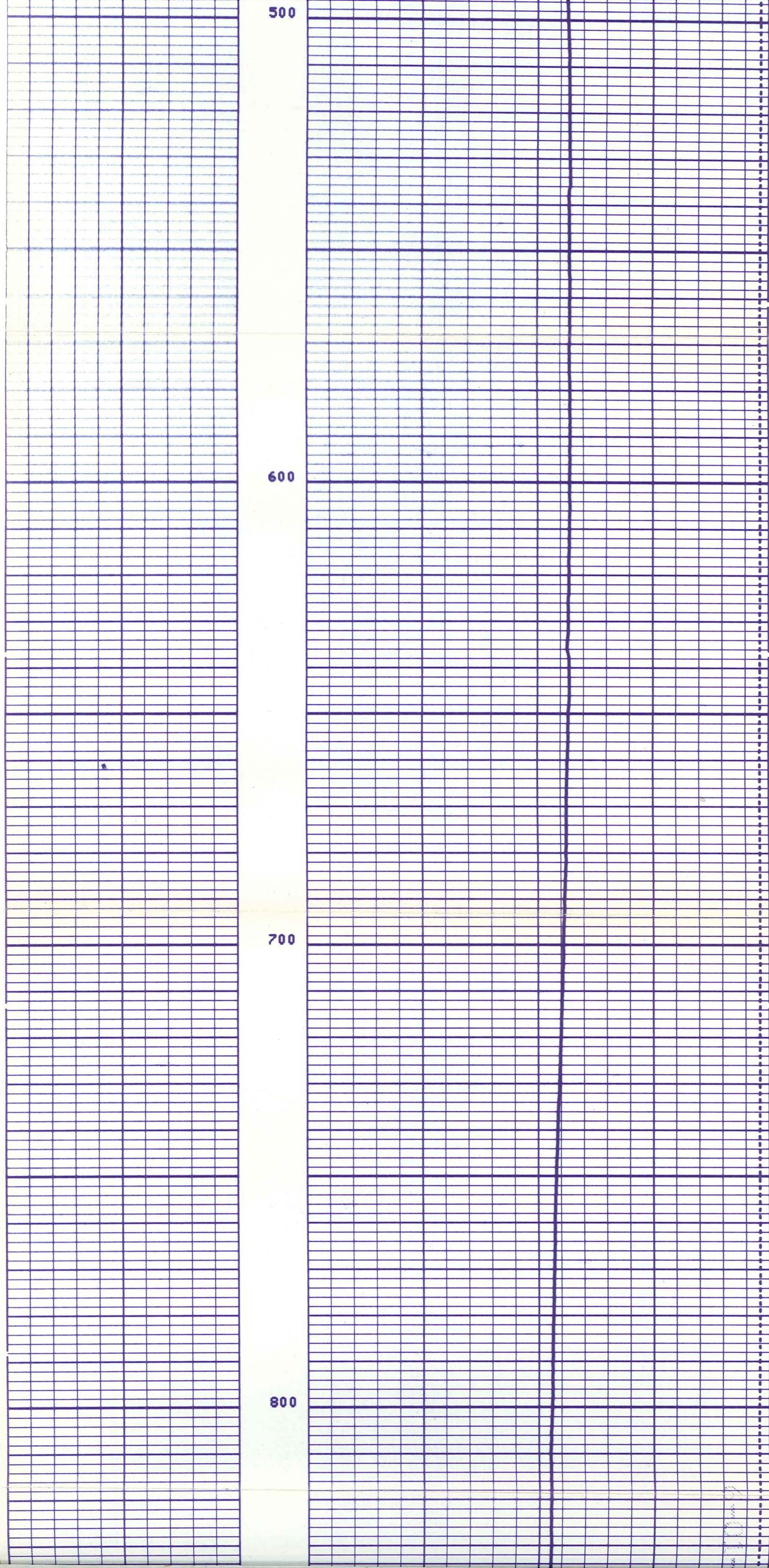
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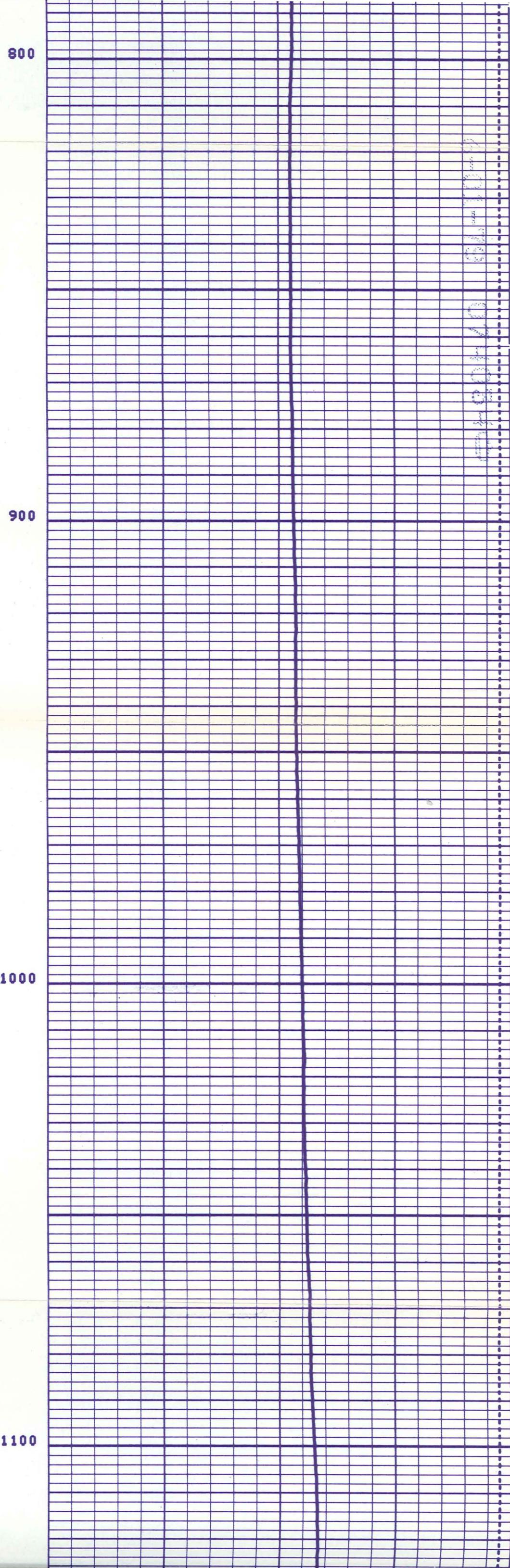
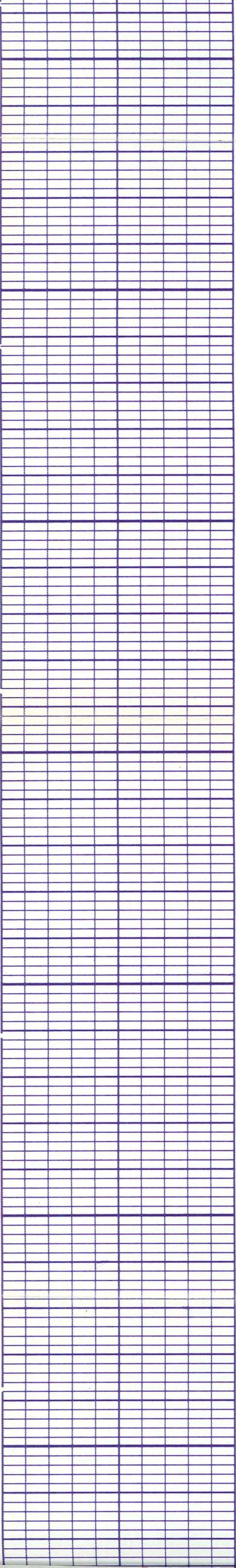










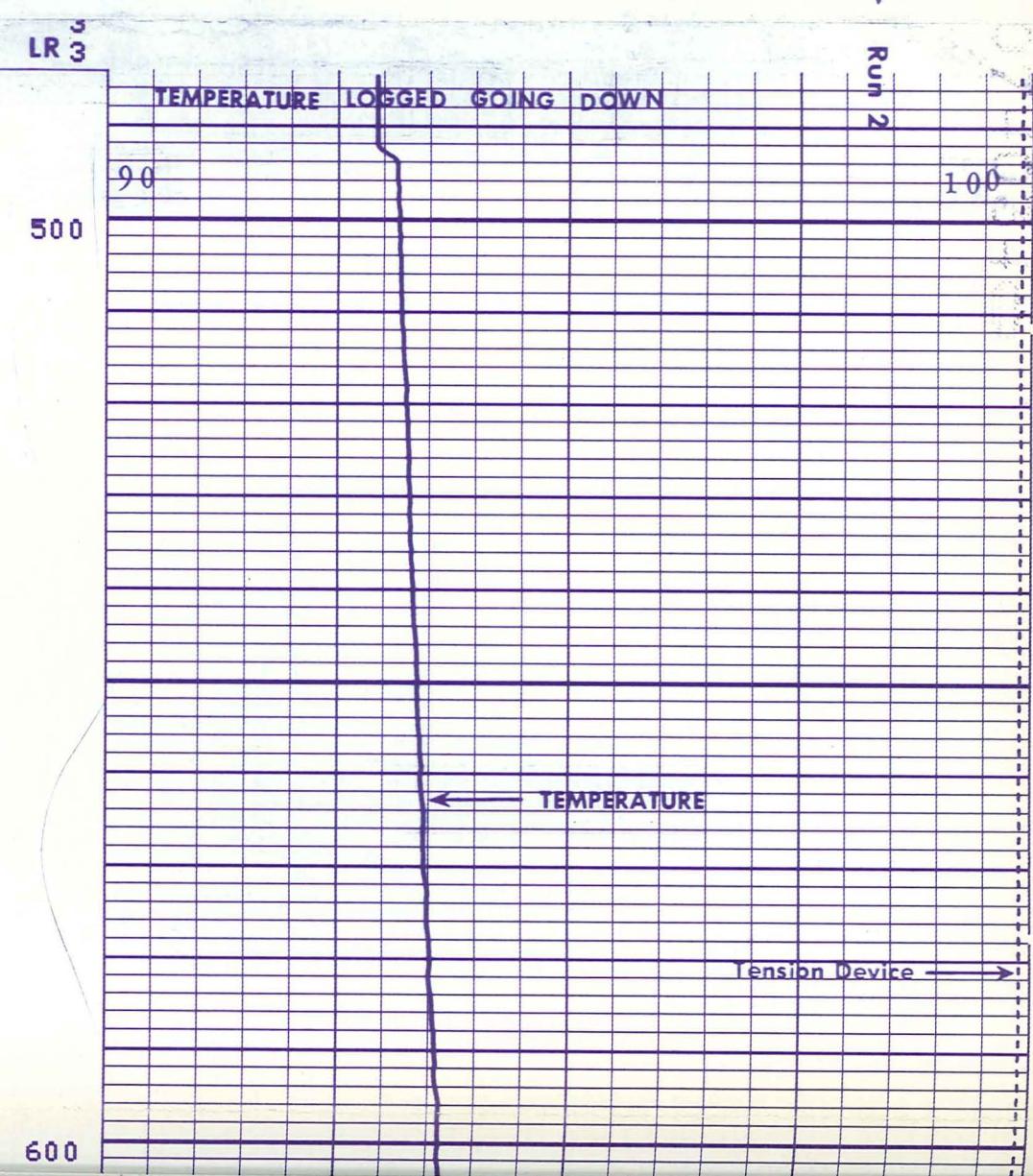
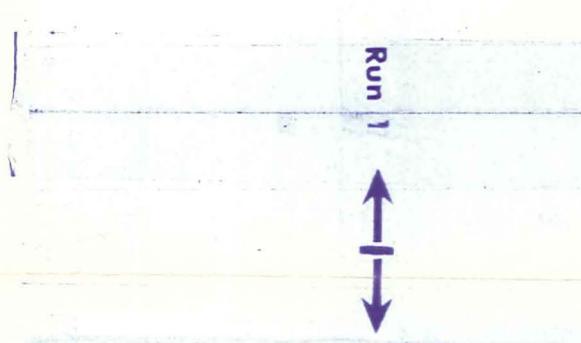
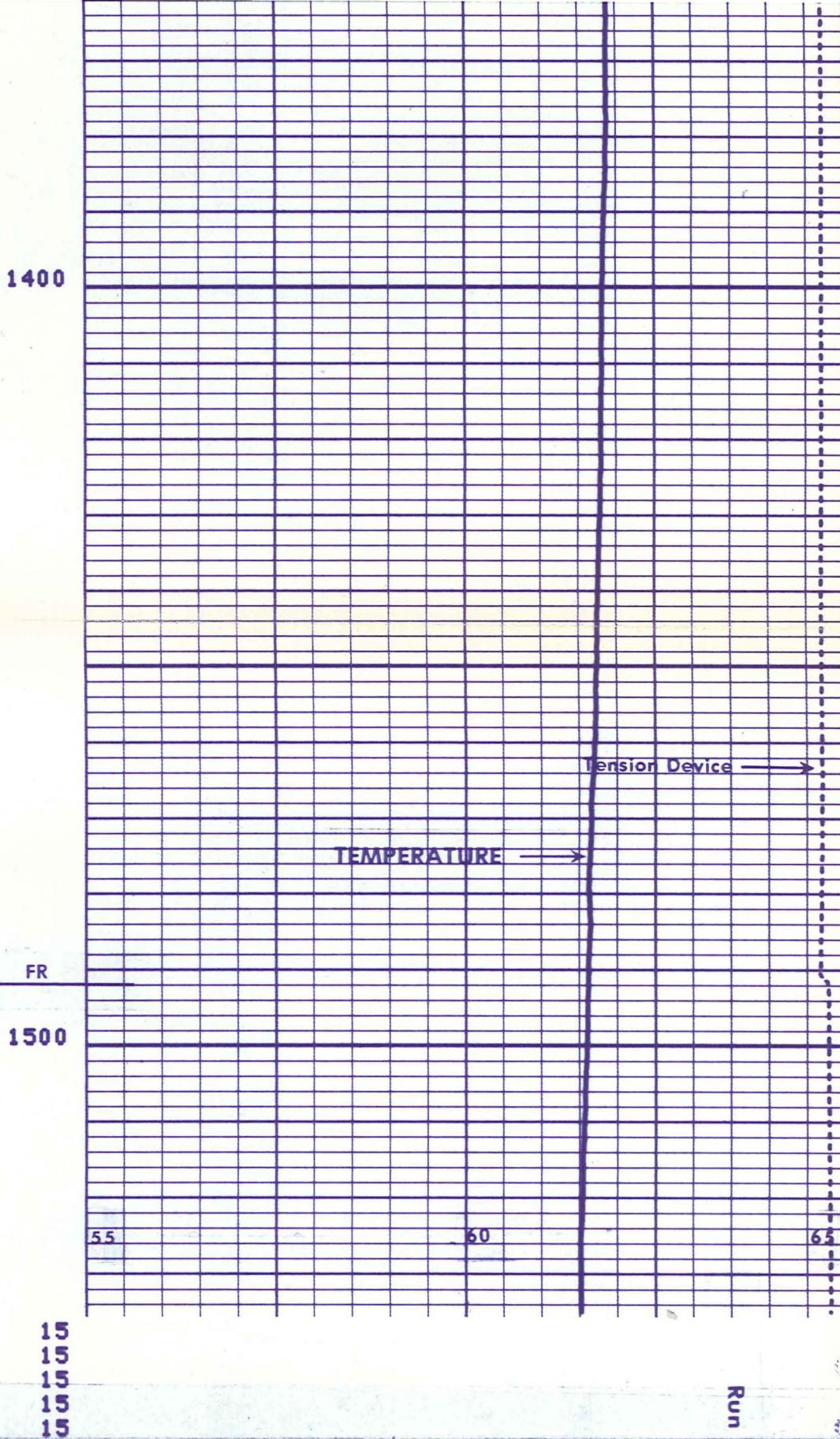
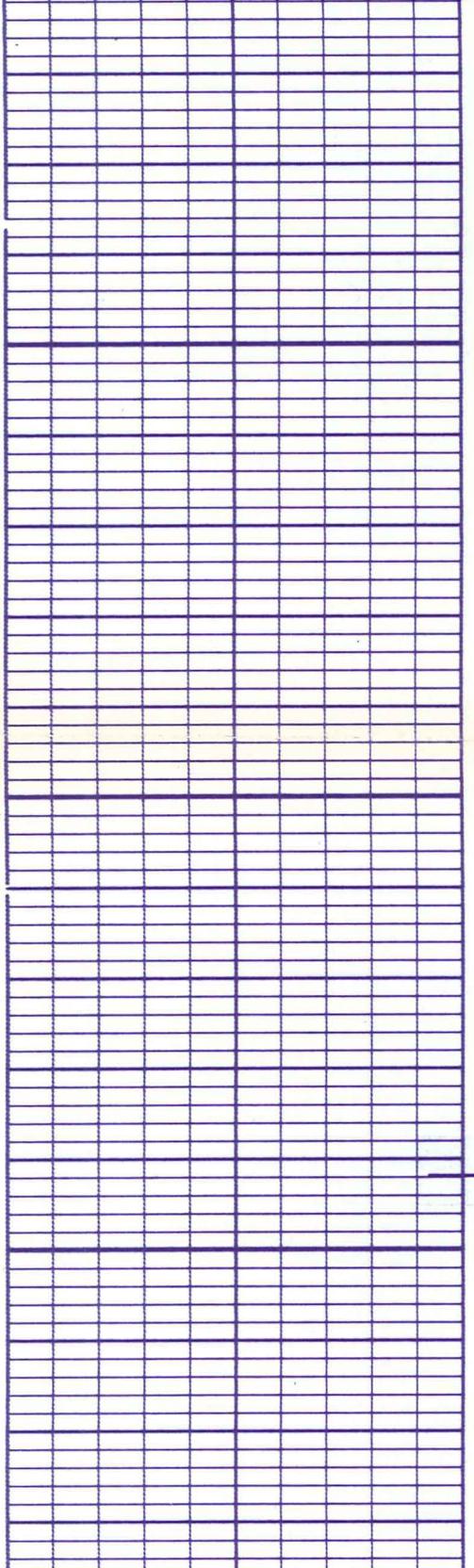


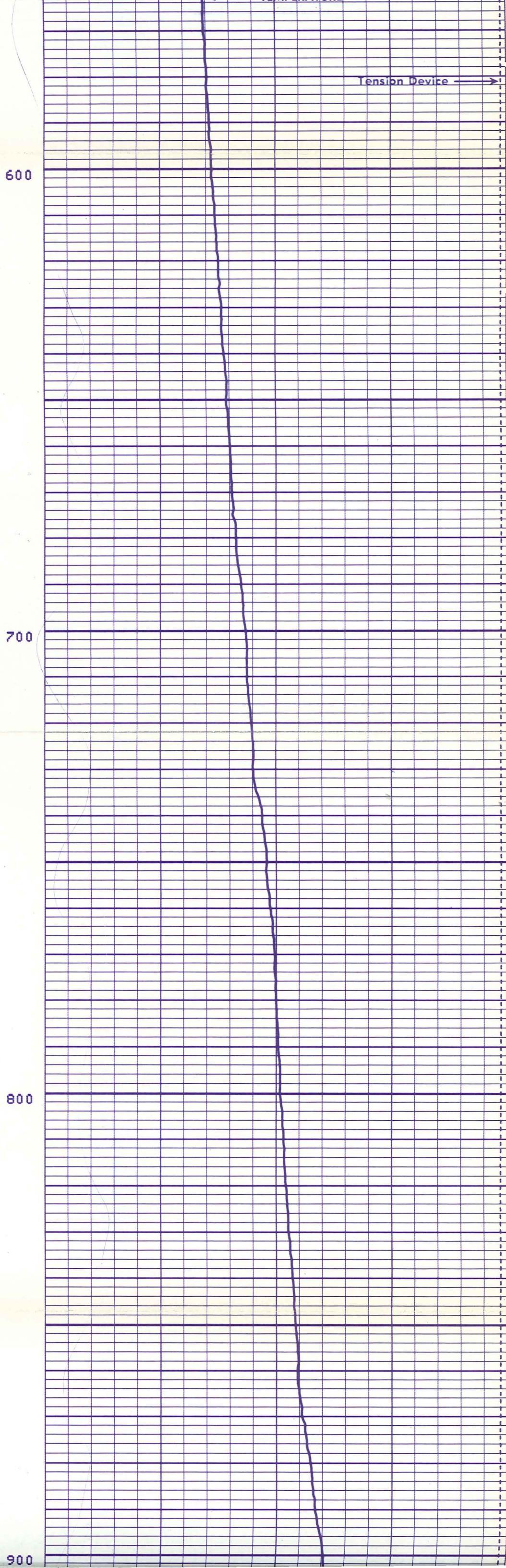
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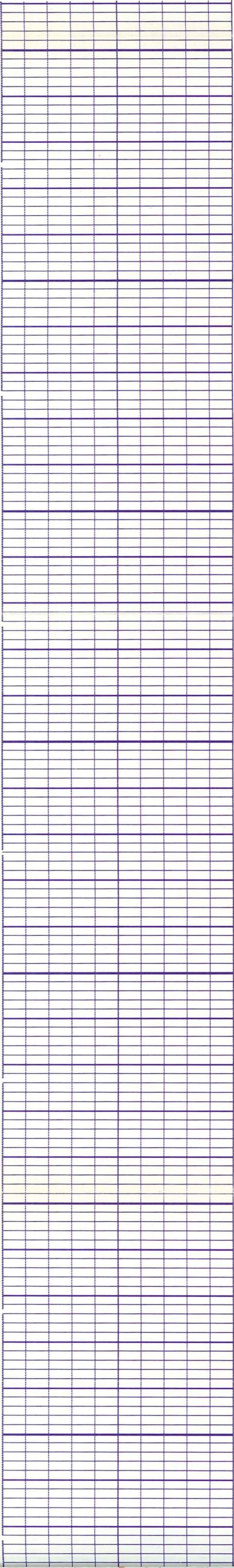
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1300

1400



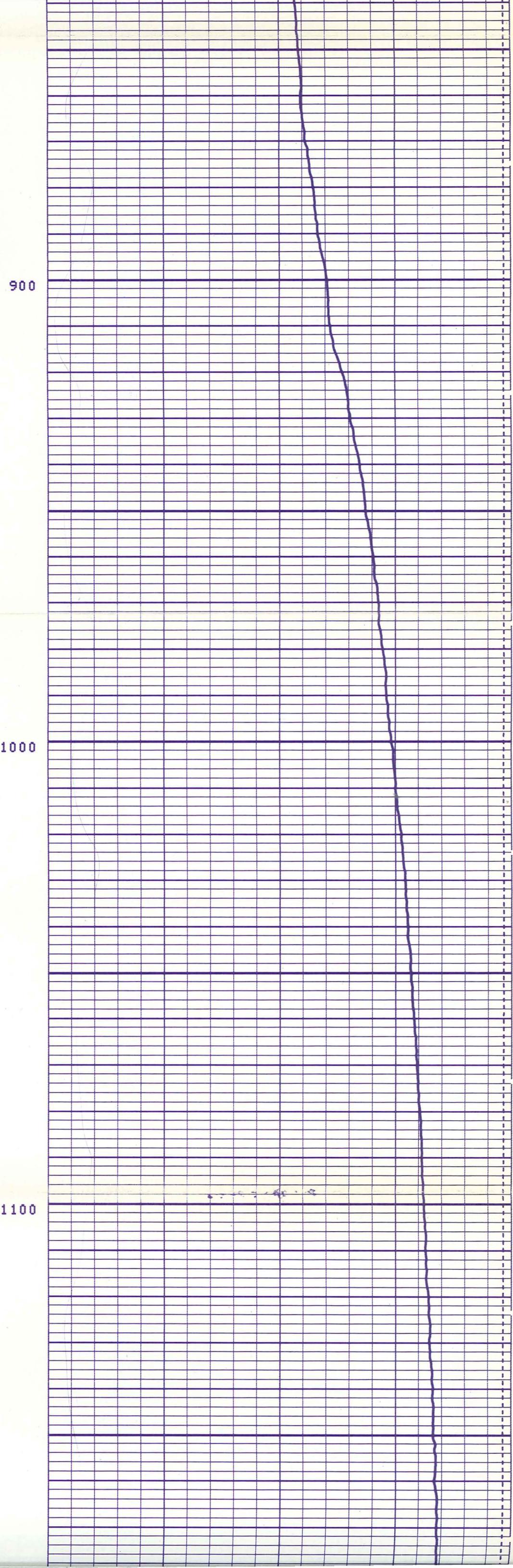


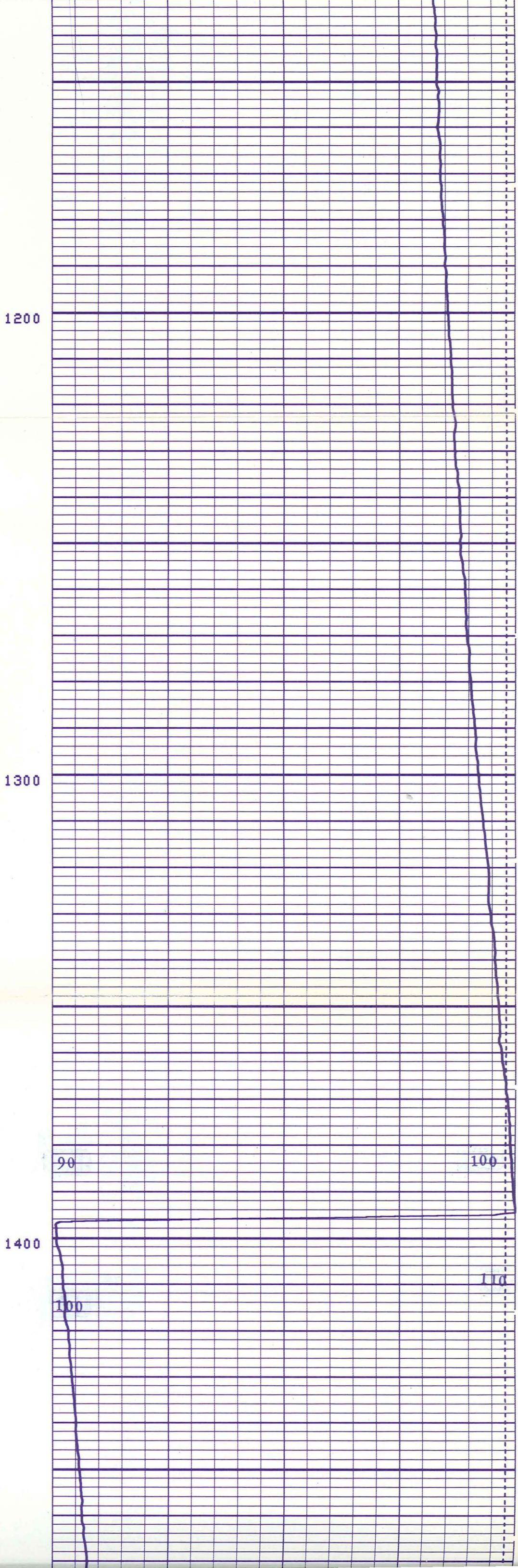
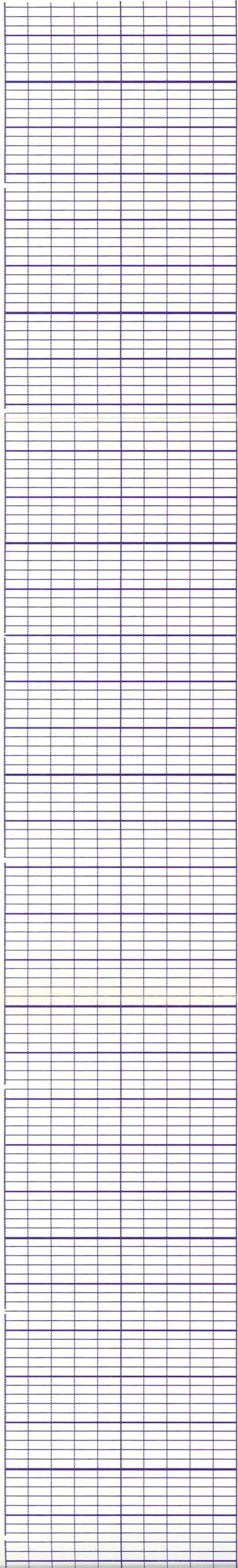


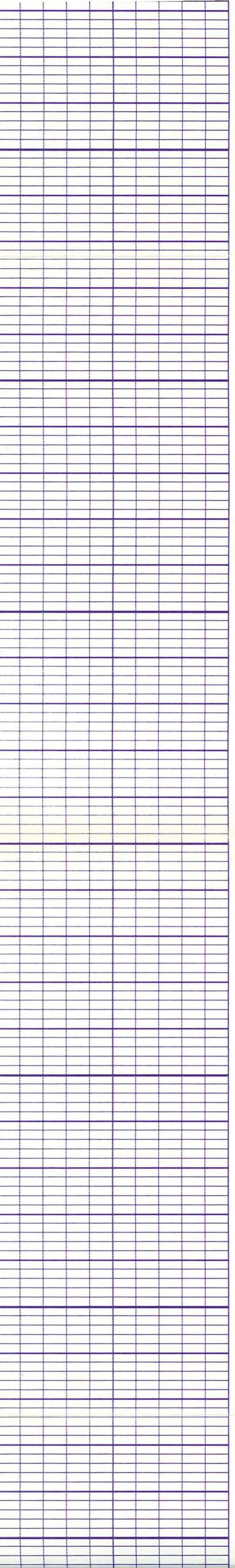
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1000

1100



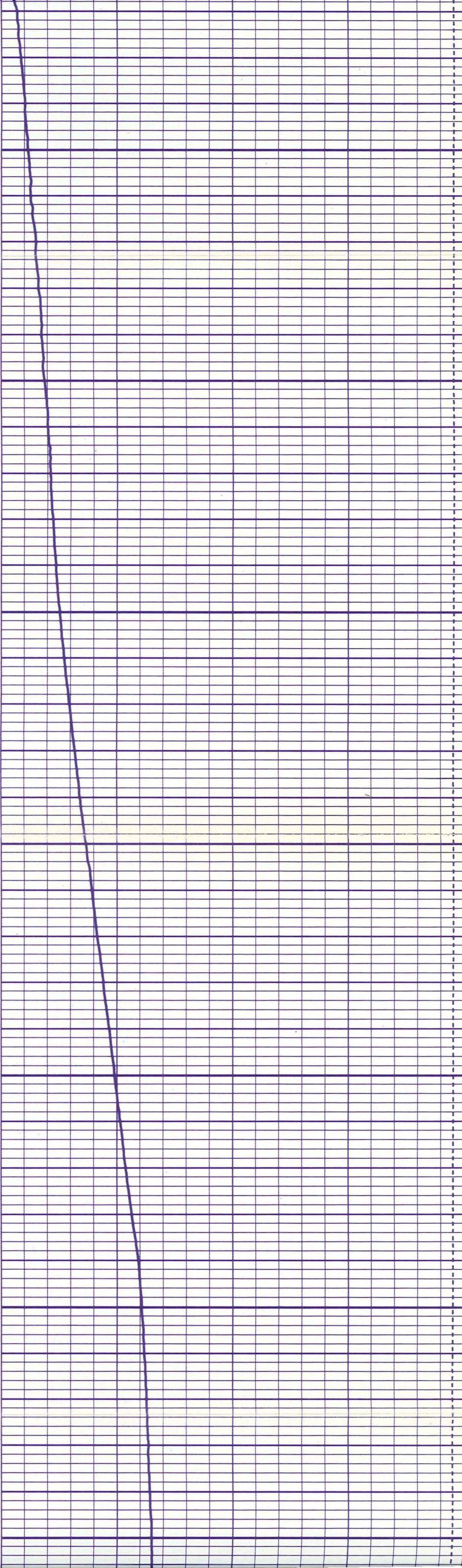




1500

1600

1700

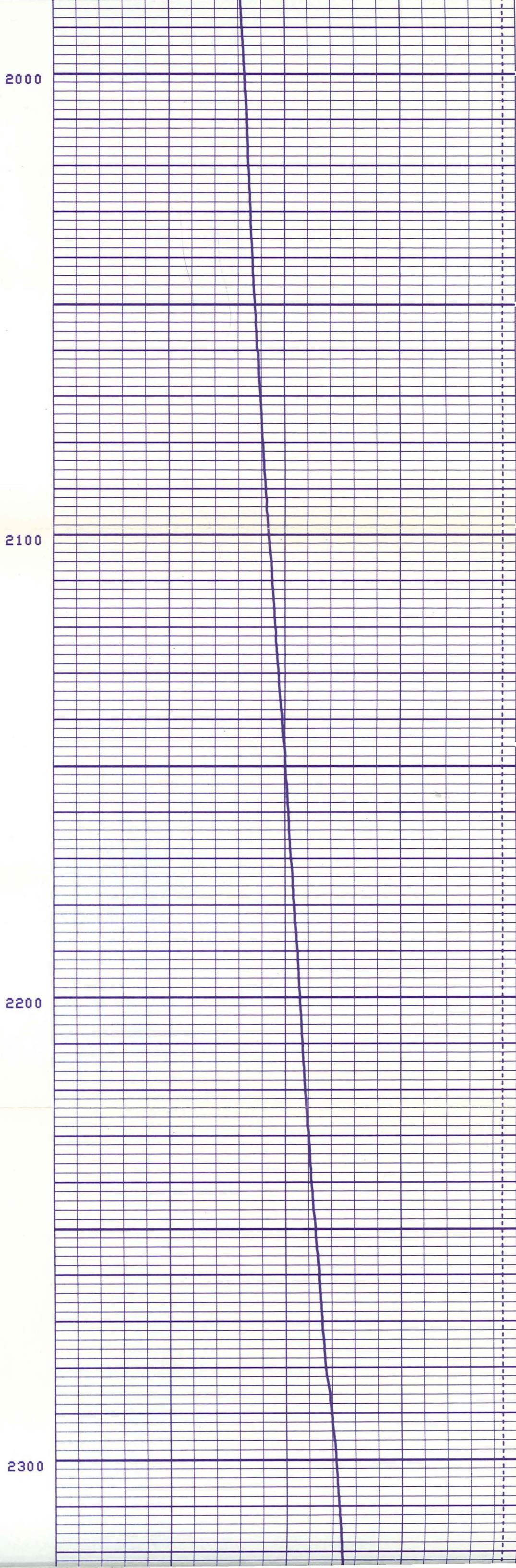
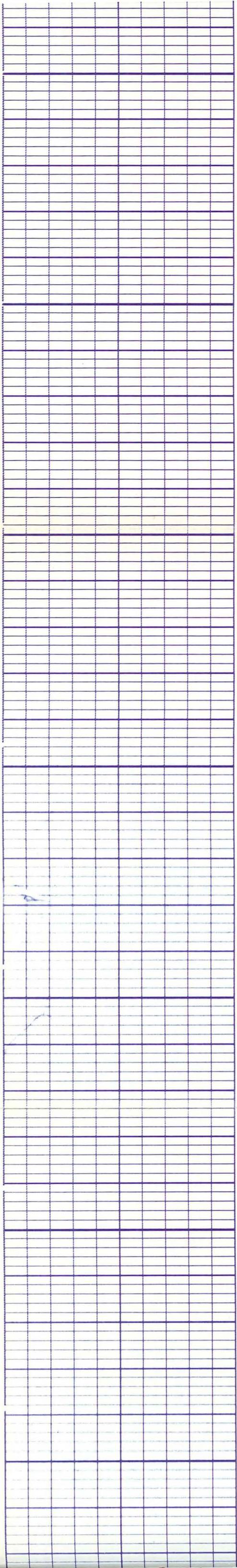


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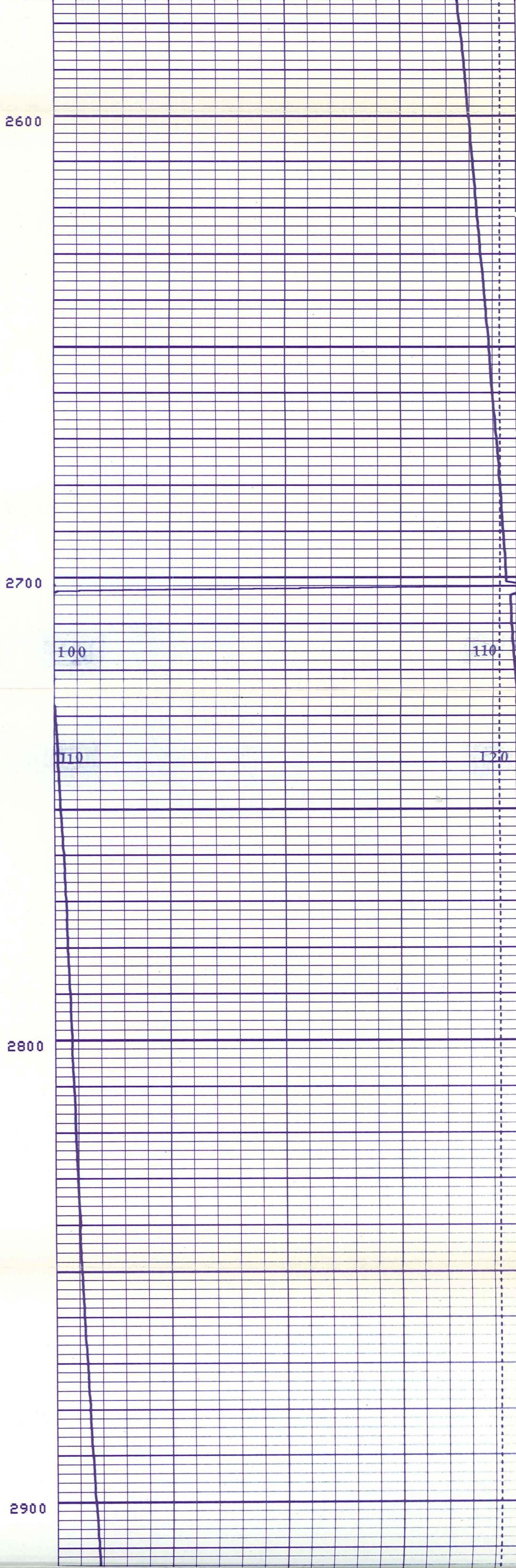
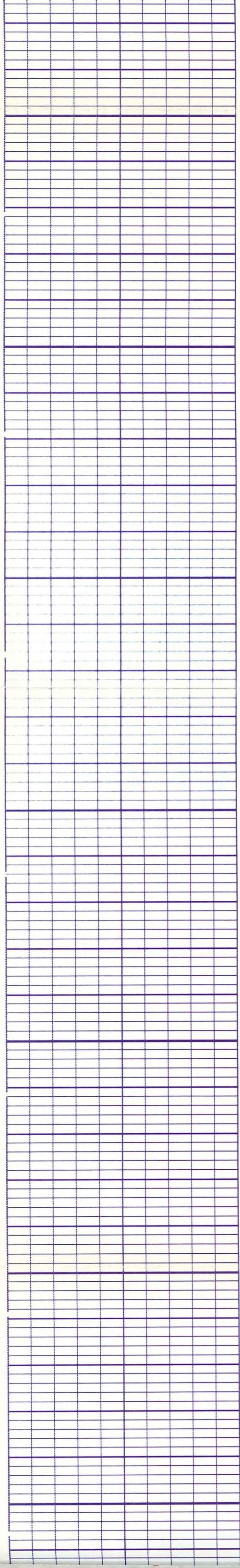
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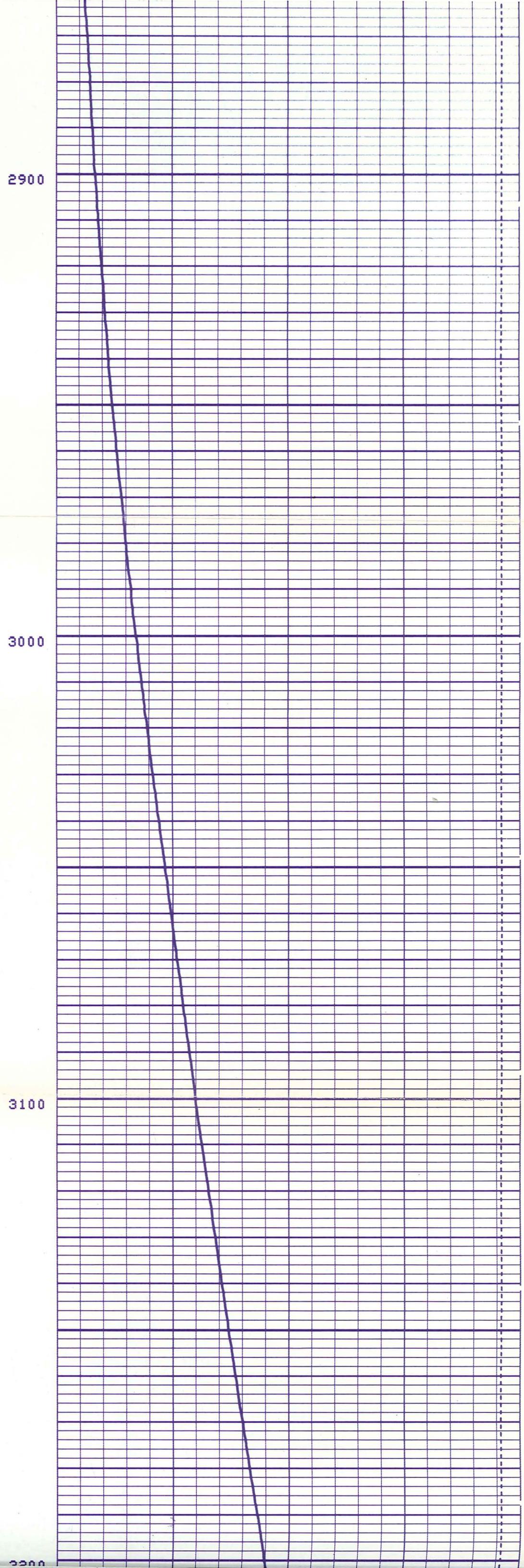
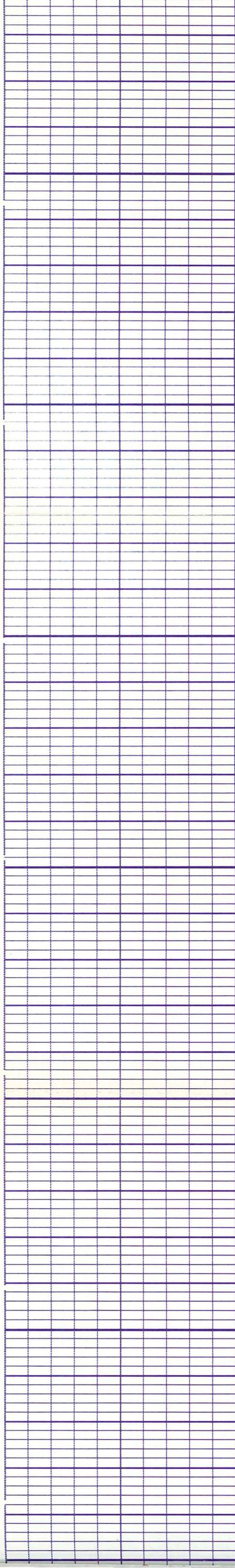
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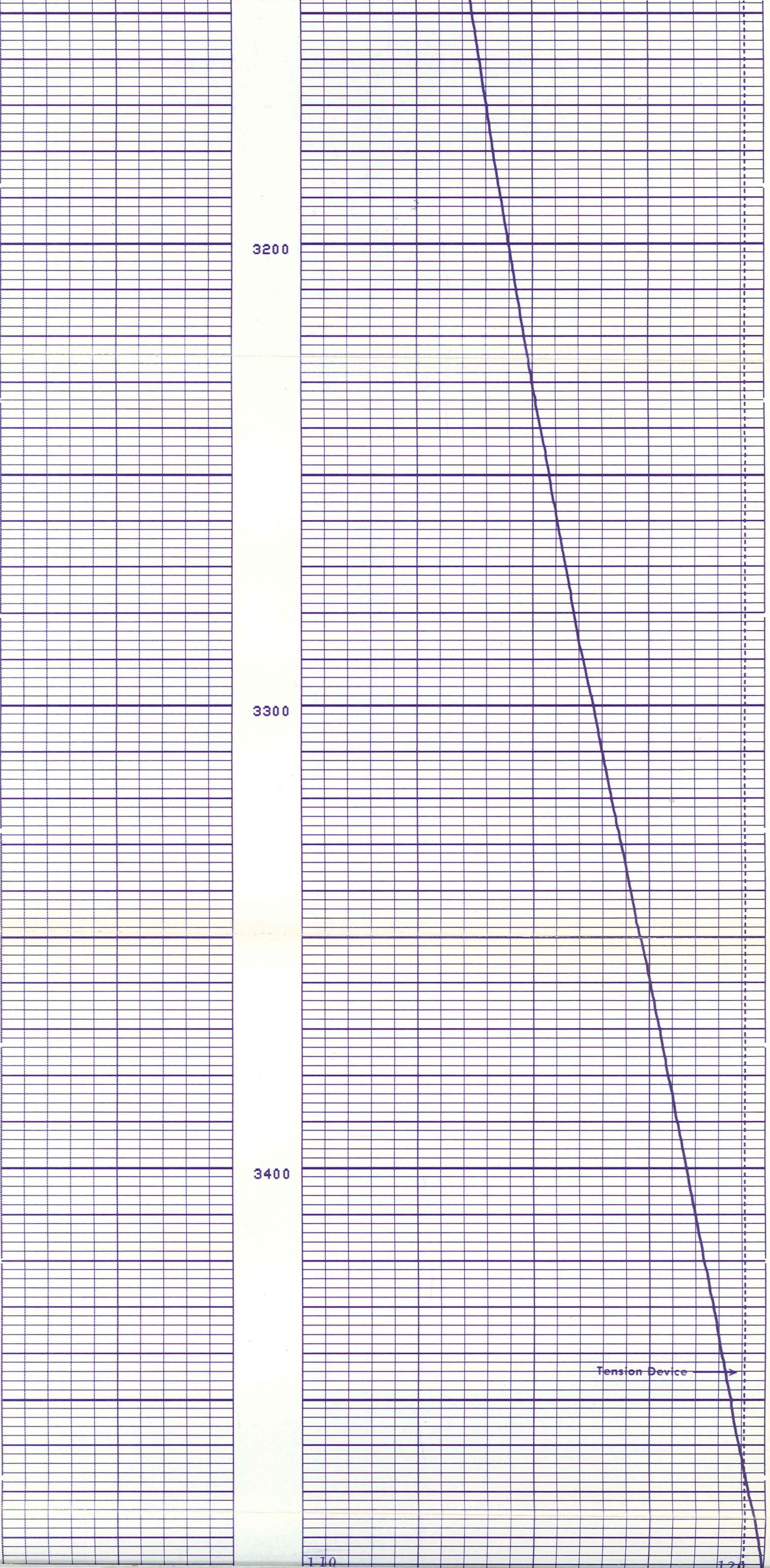
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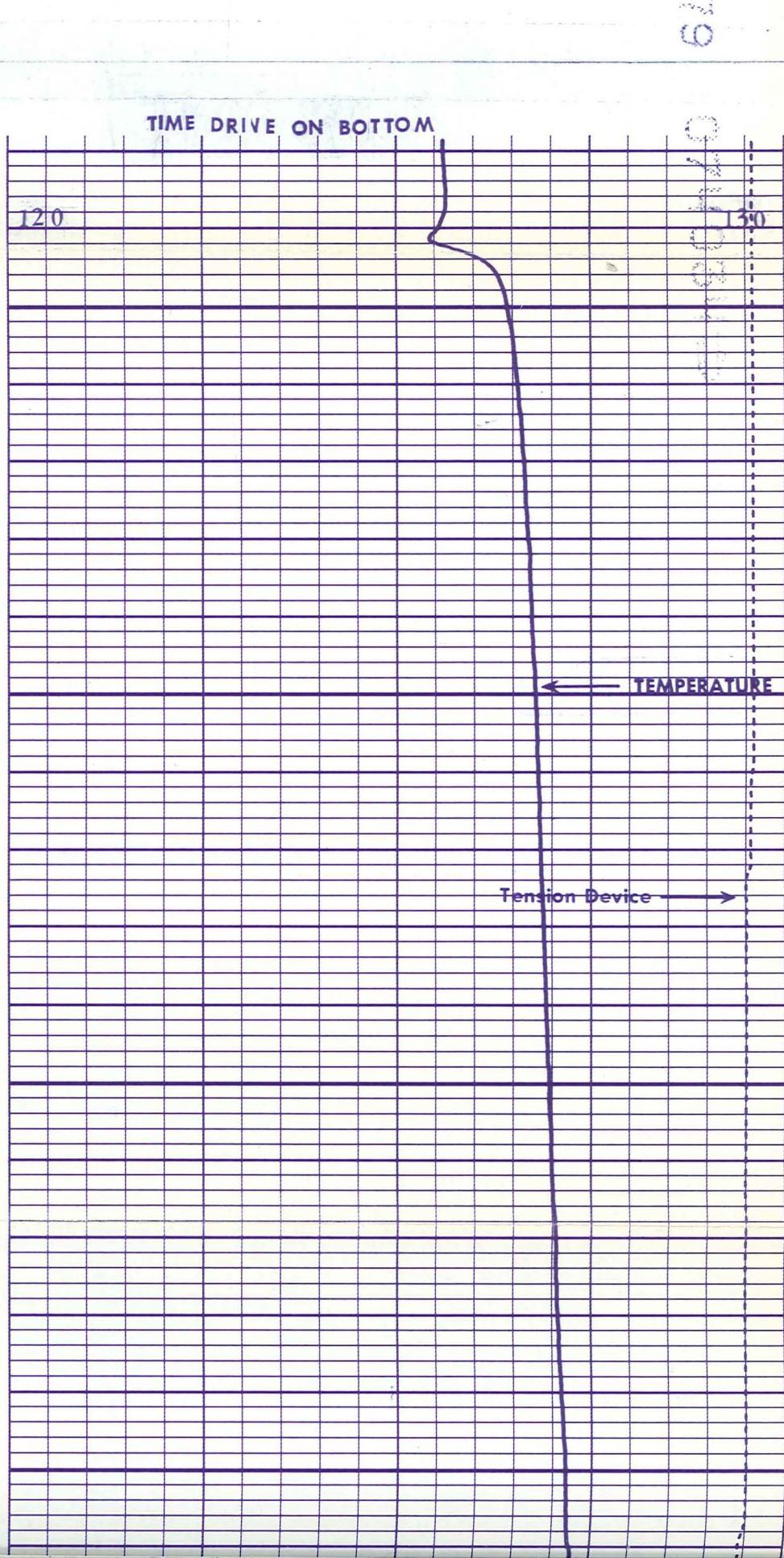
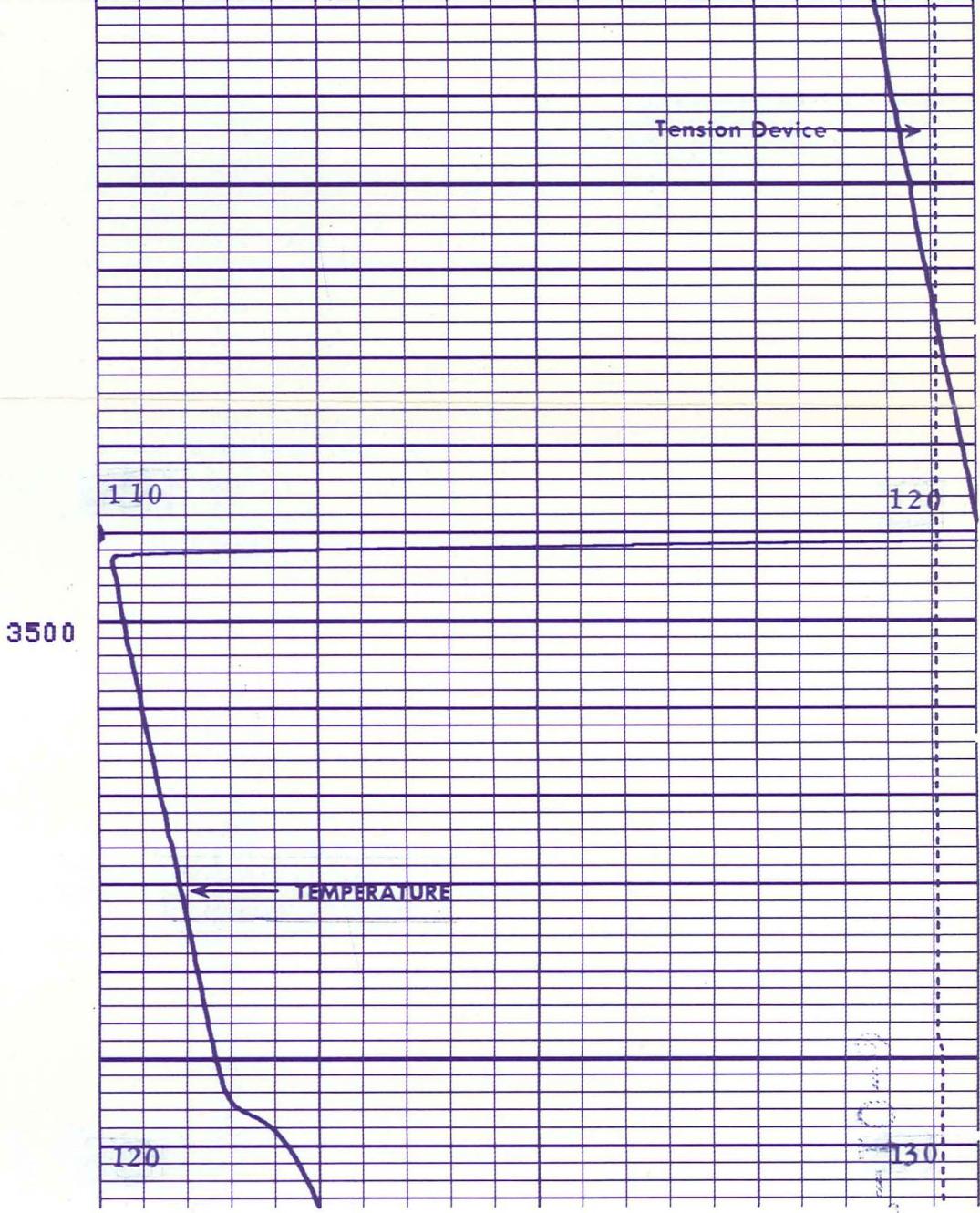










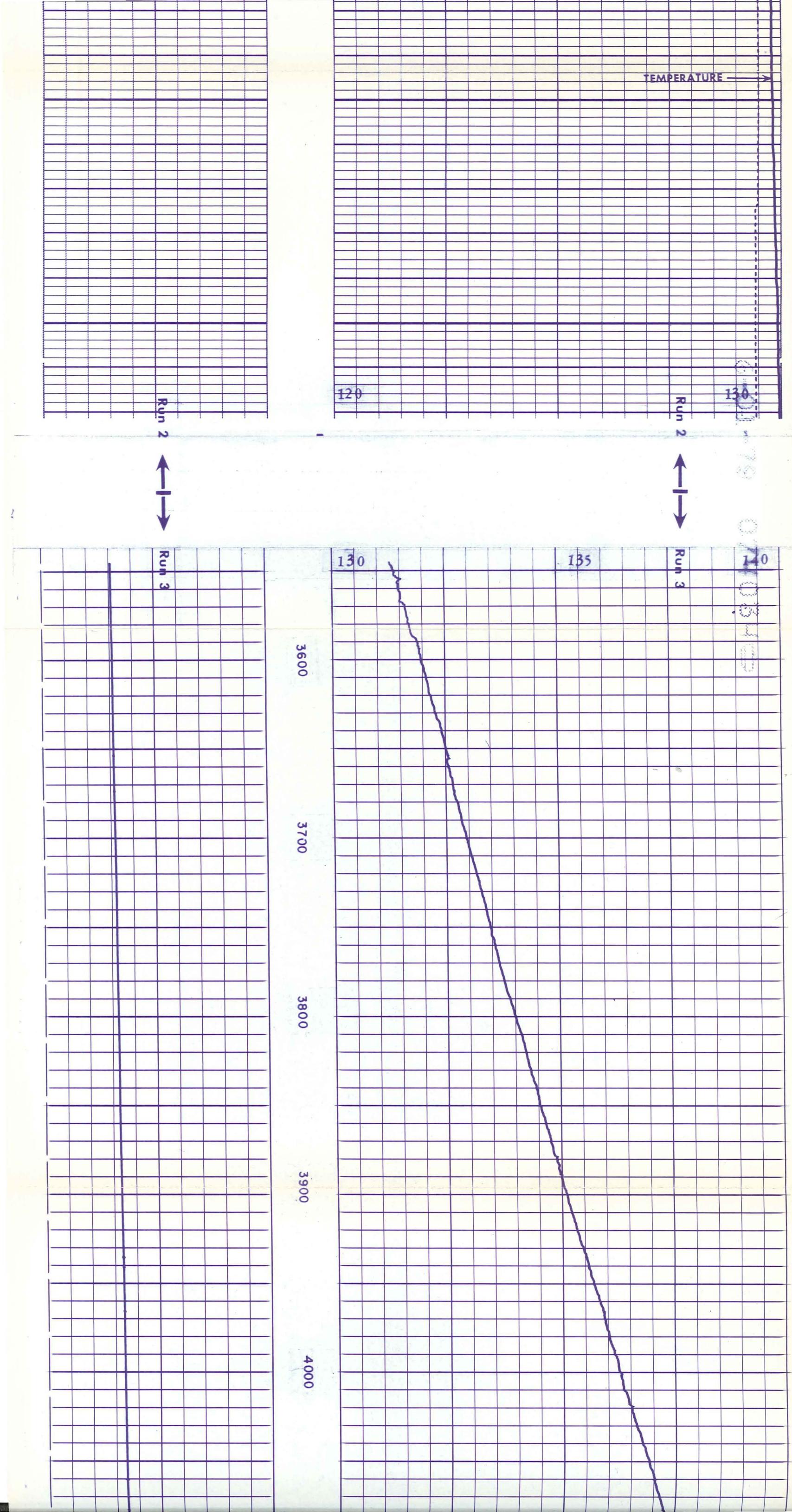


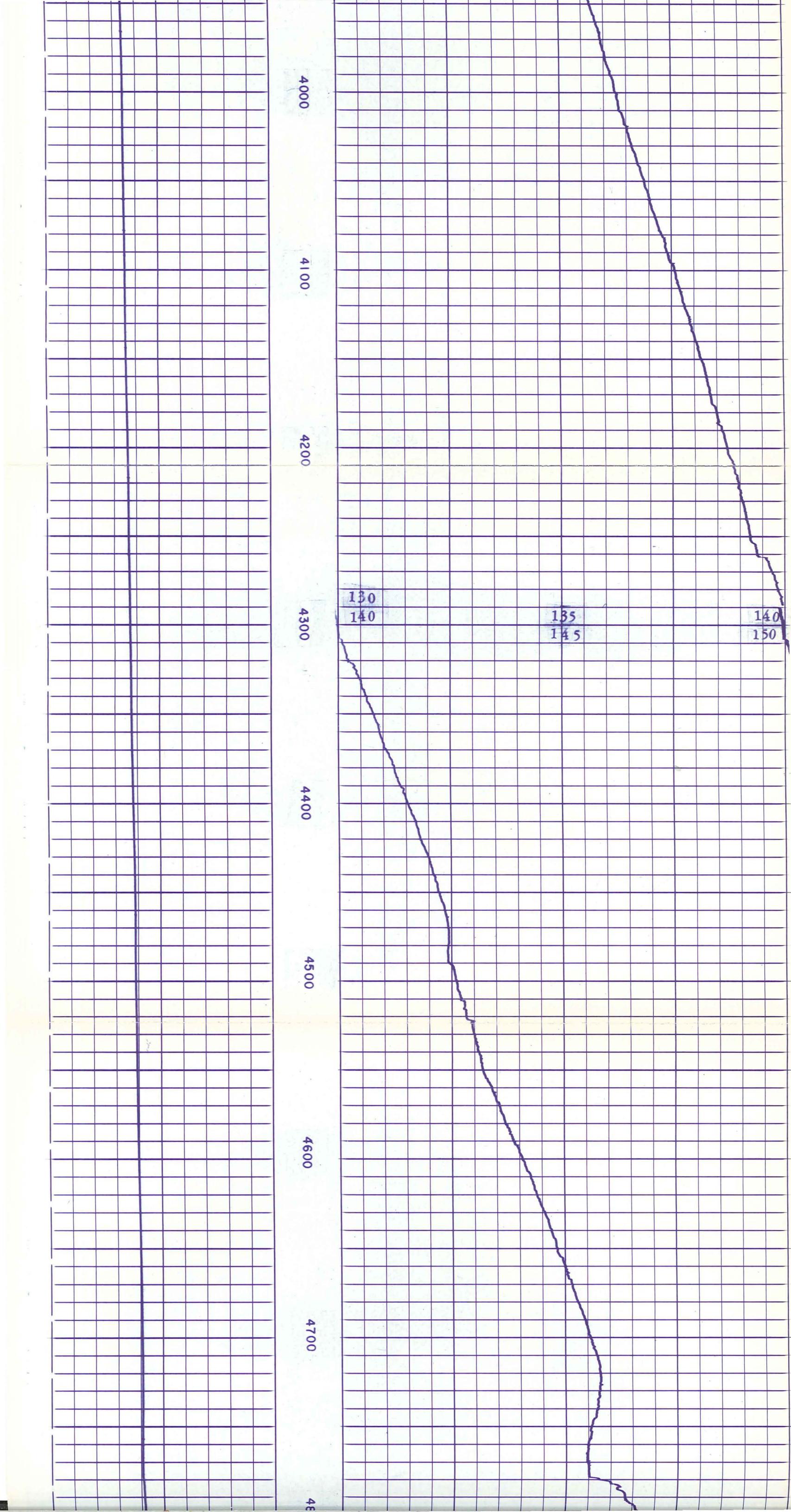


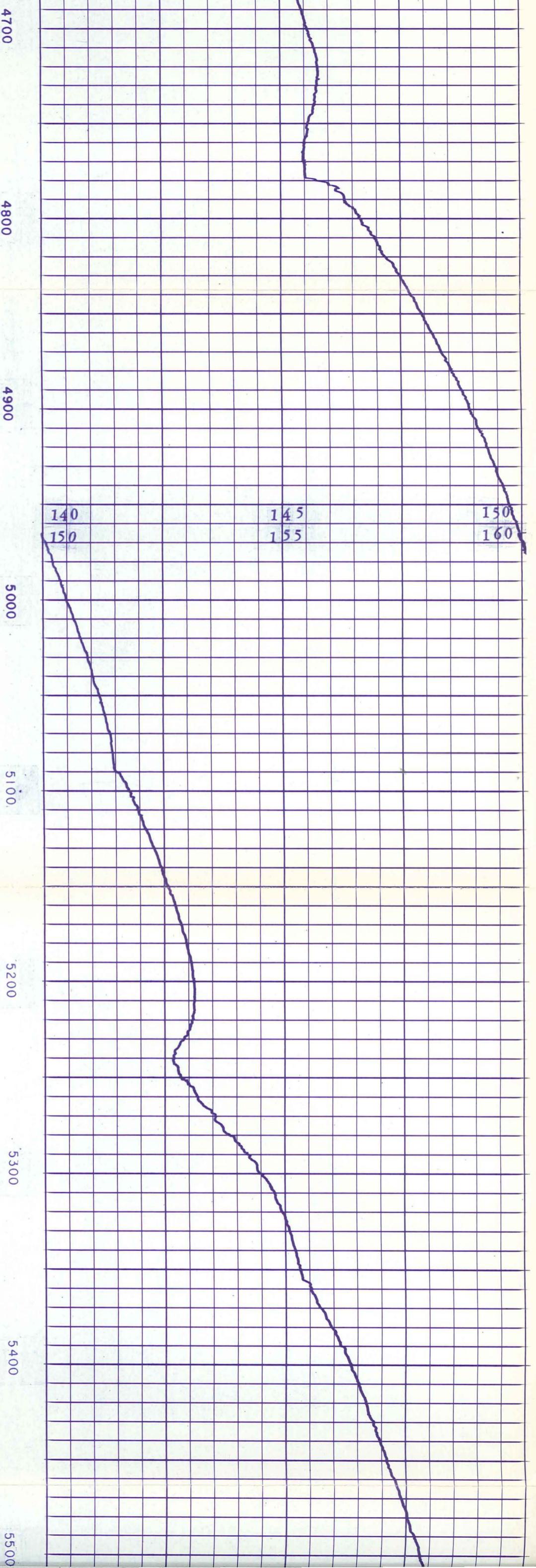


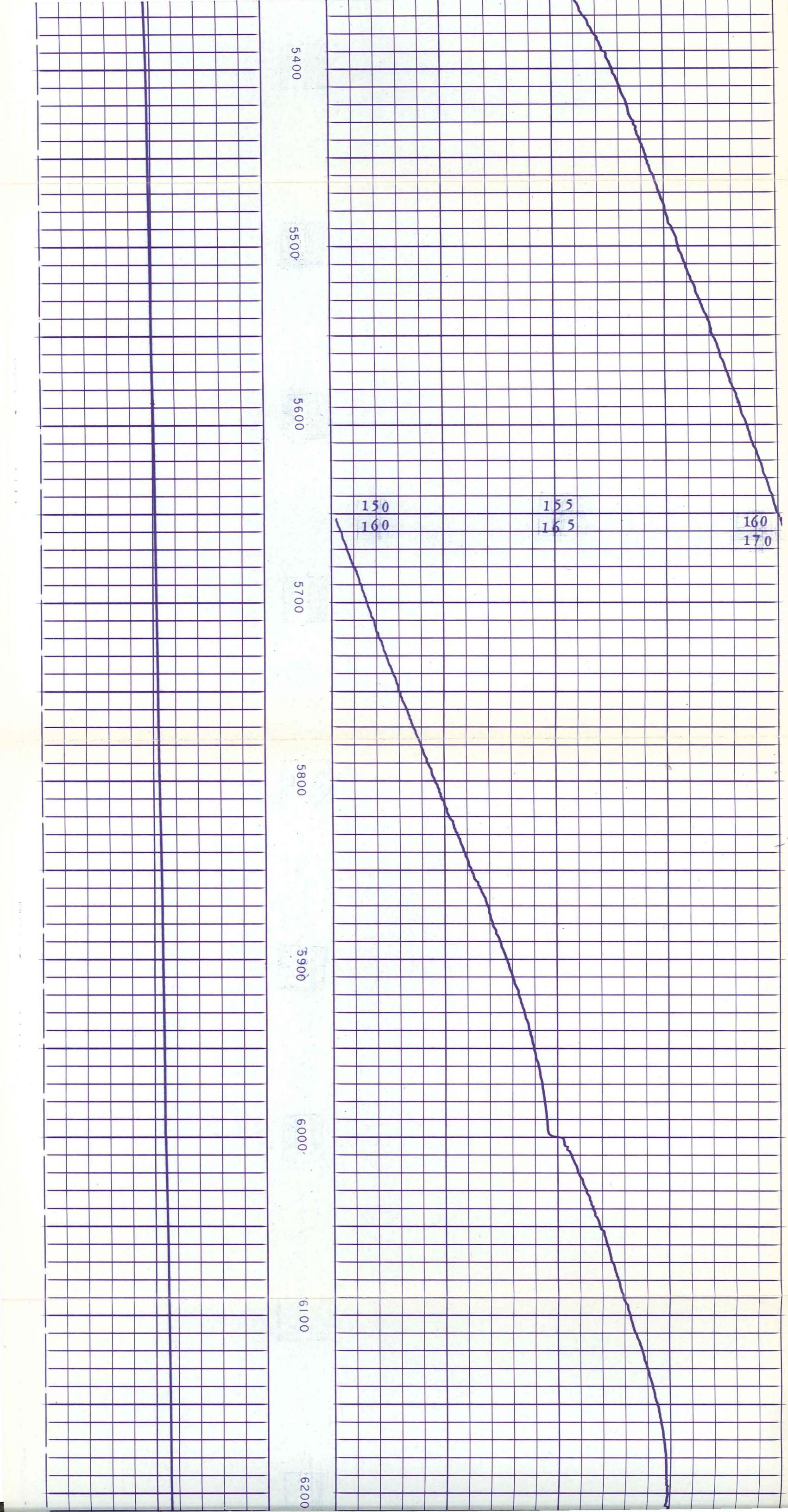
Tension Device →

TEMPERATURE →

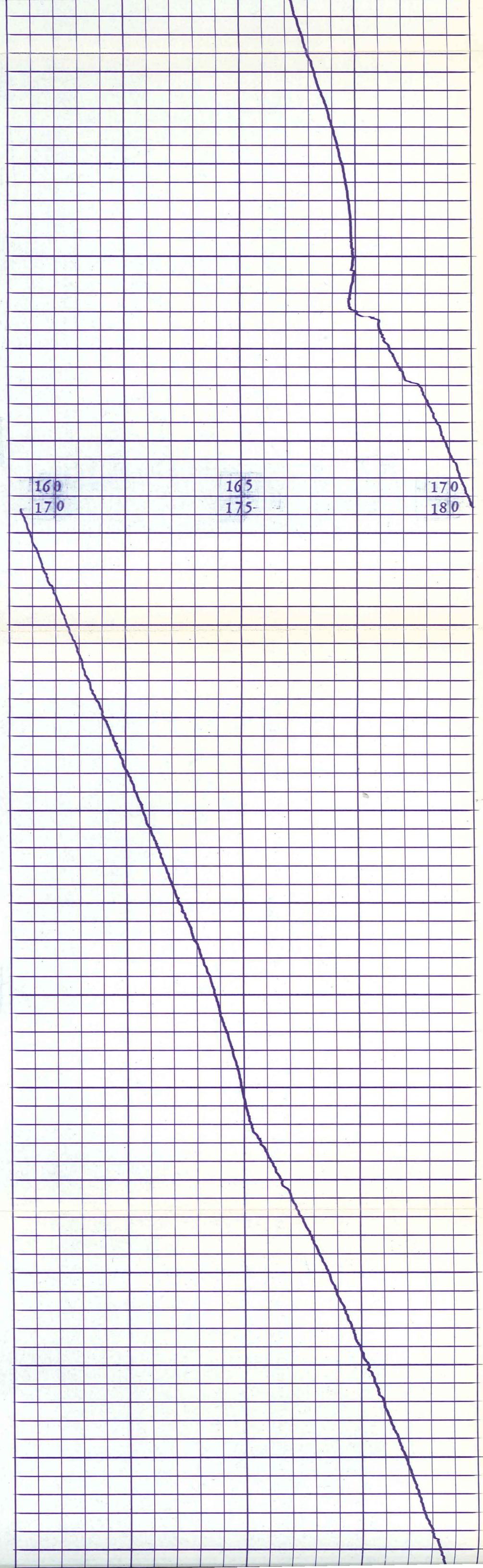








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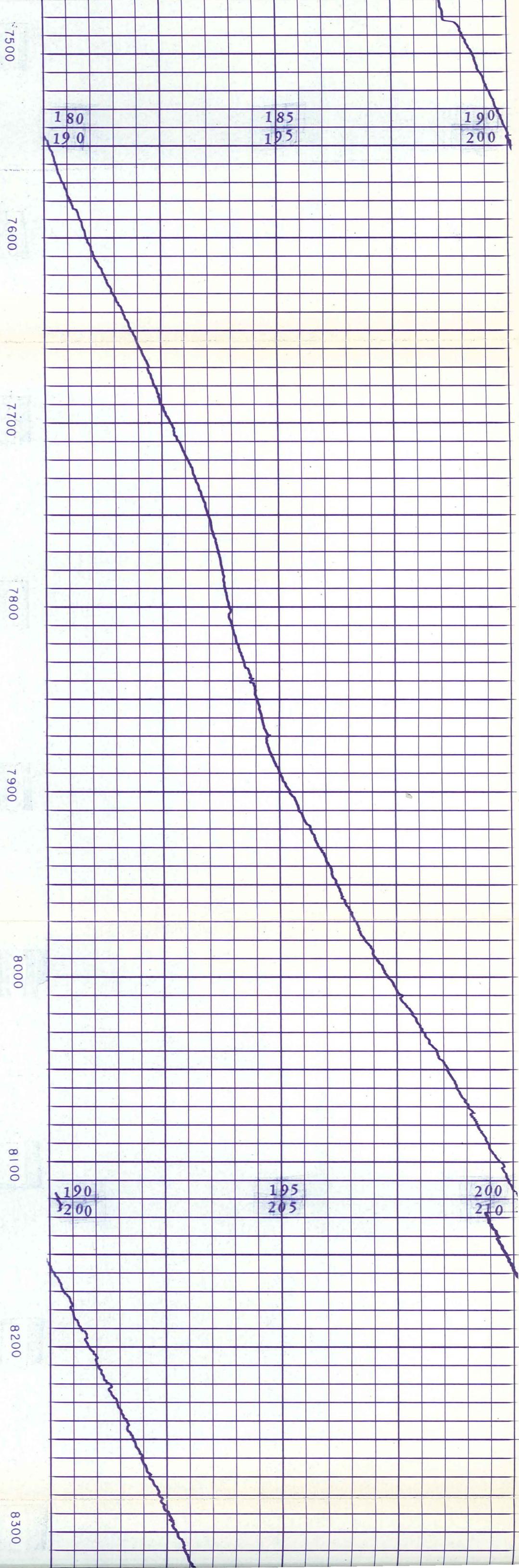
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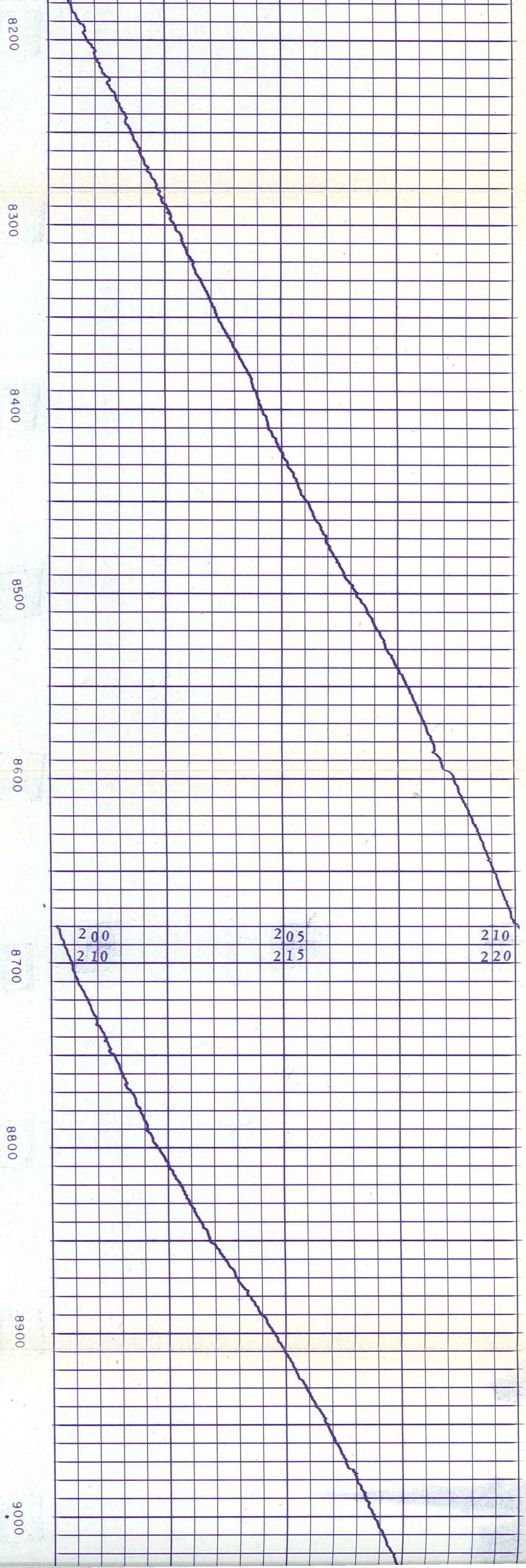
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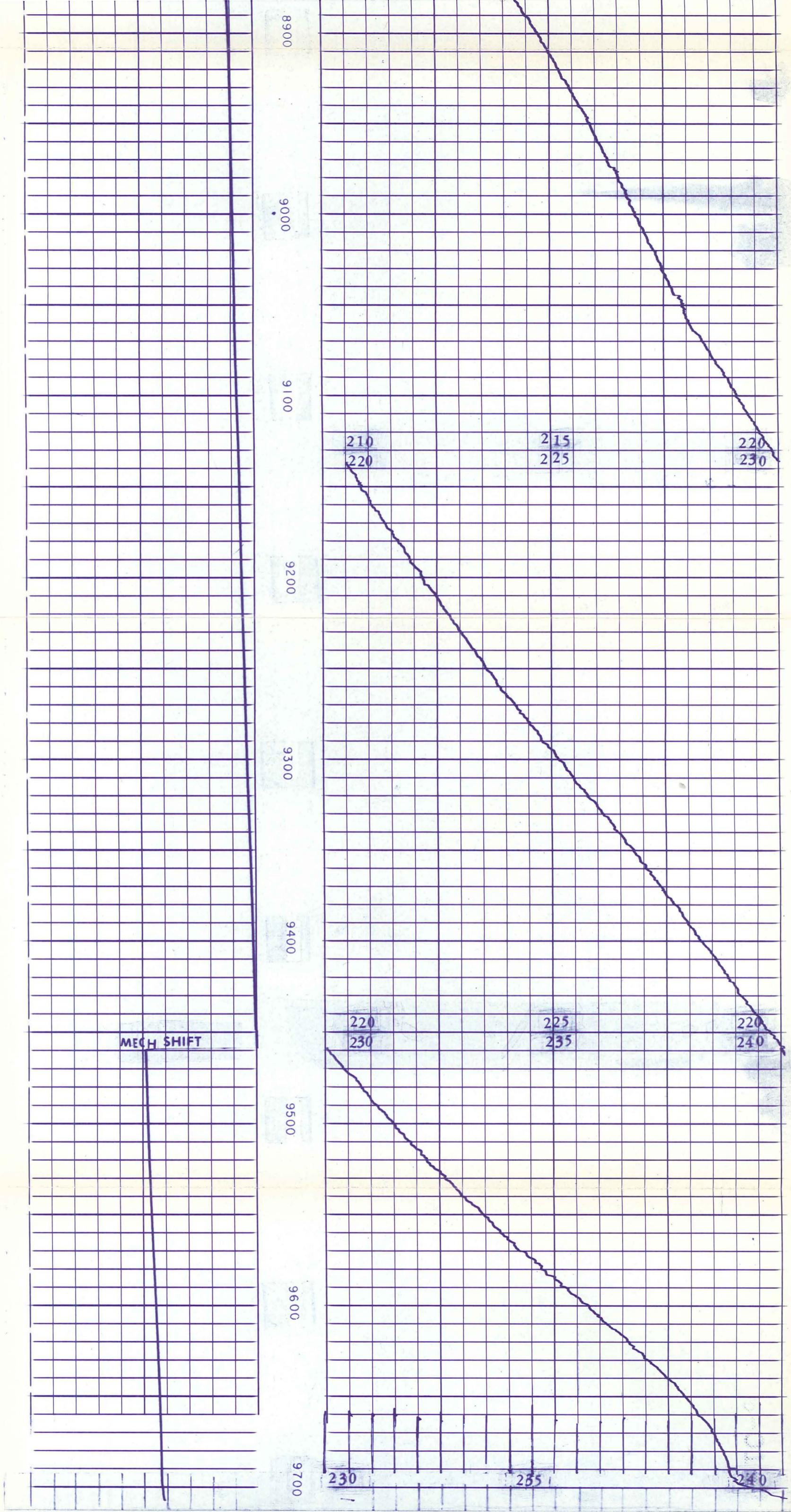
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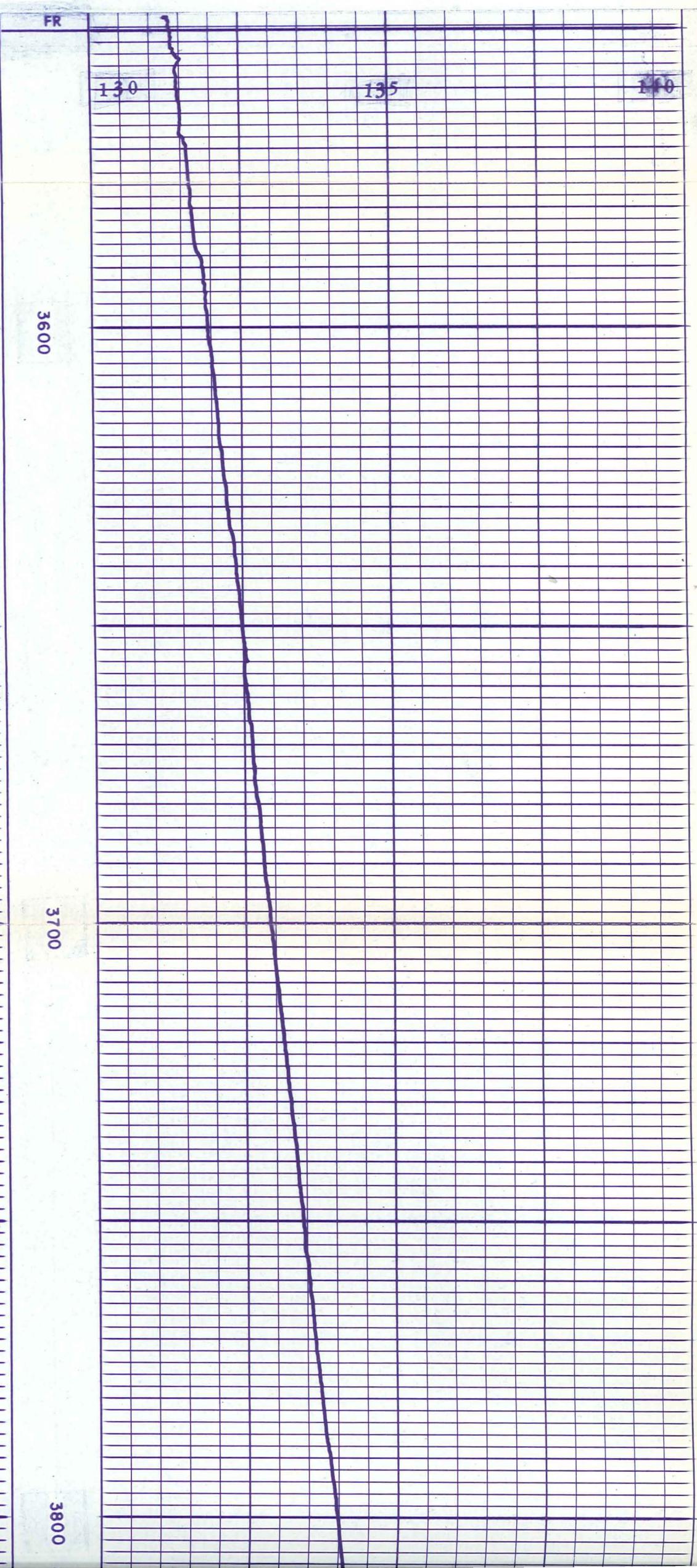
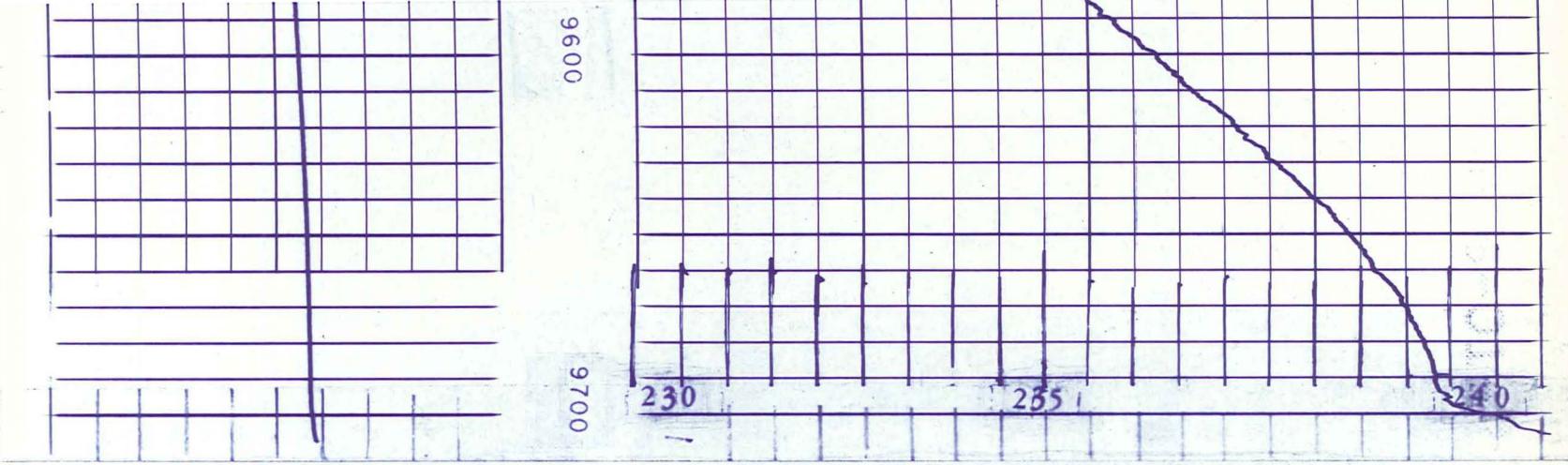
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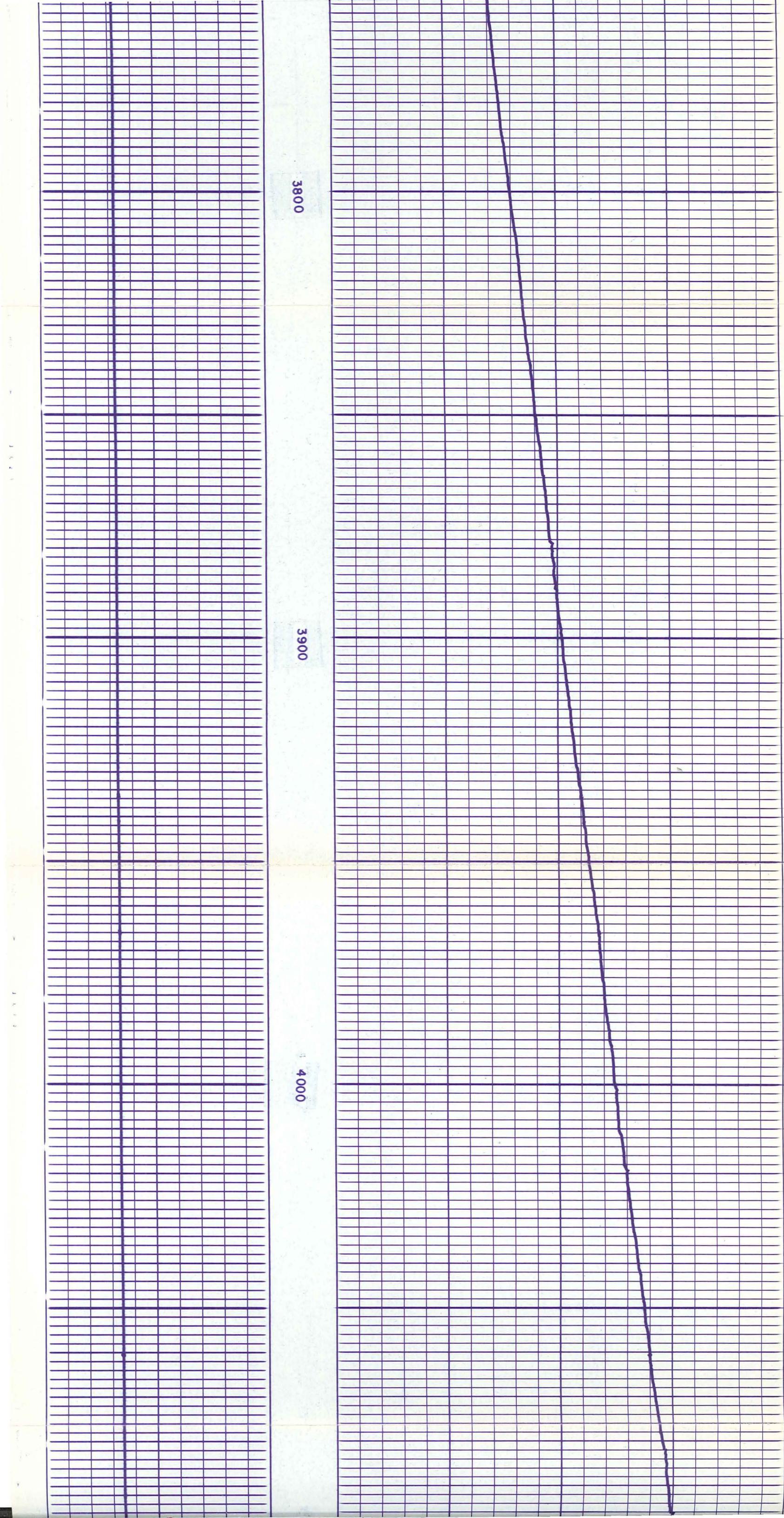
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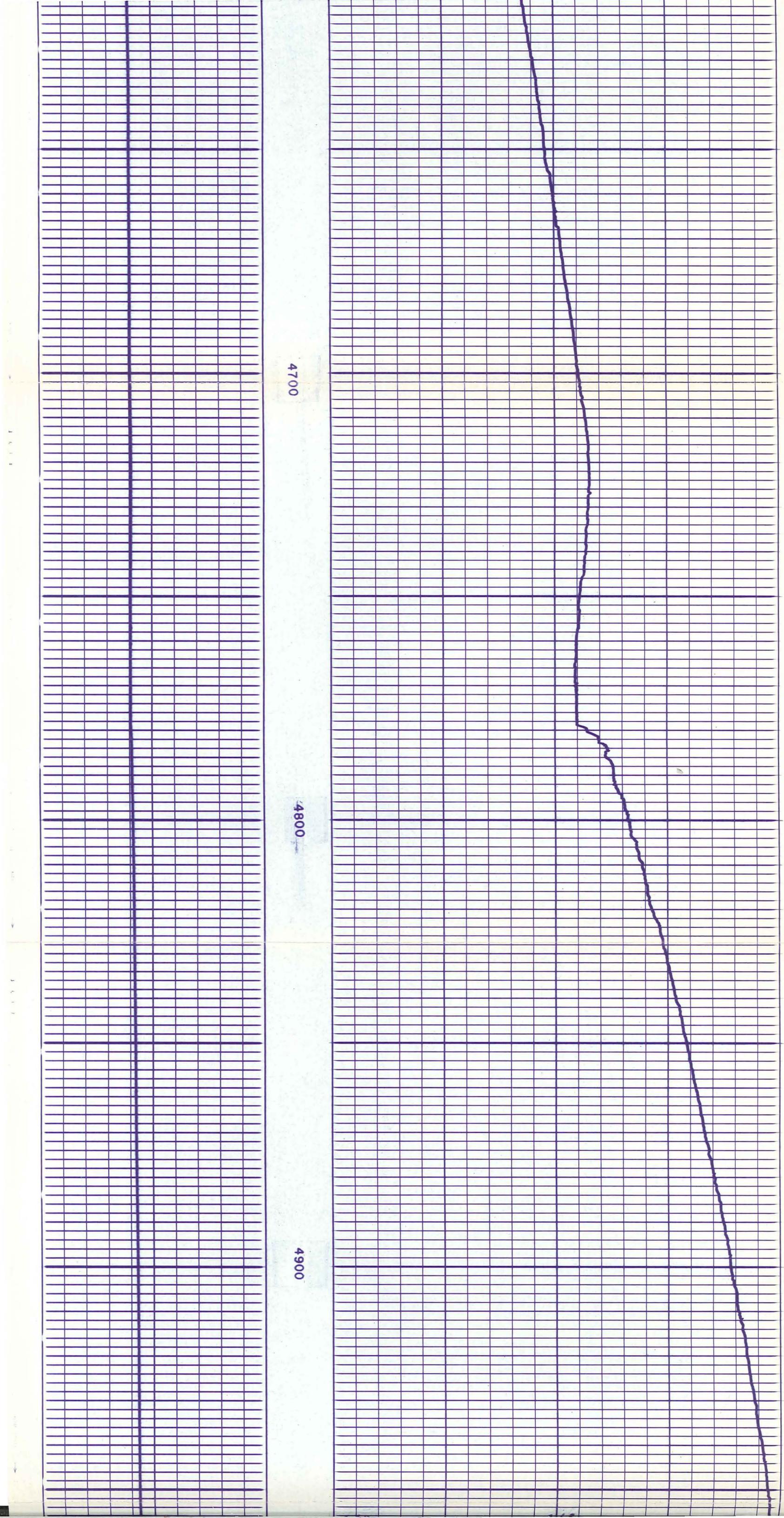
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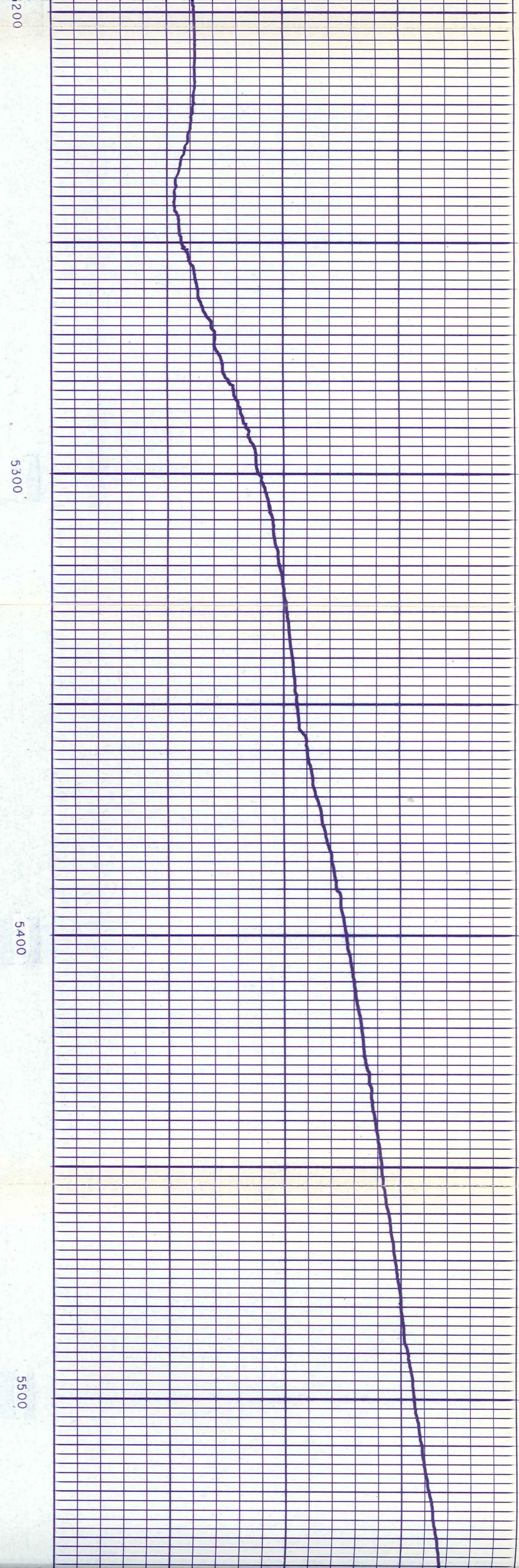
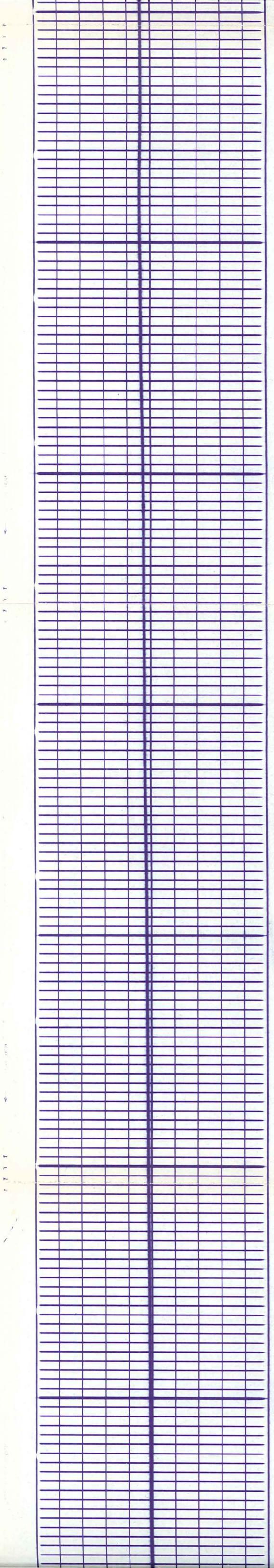
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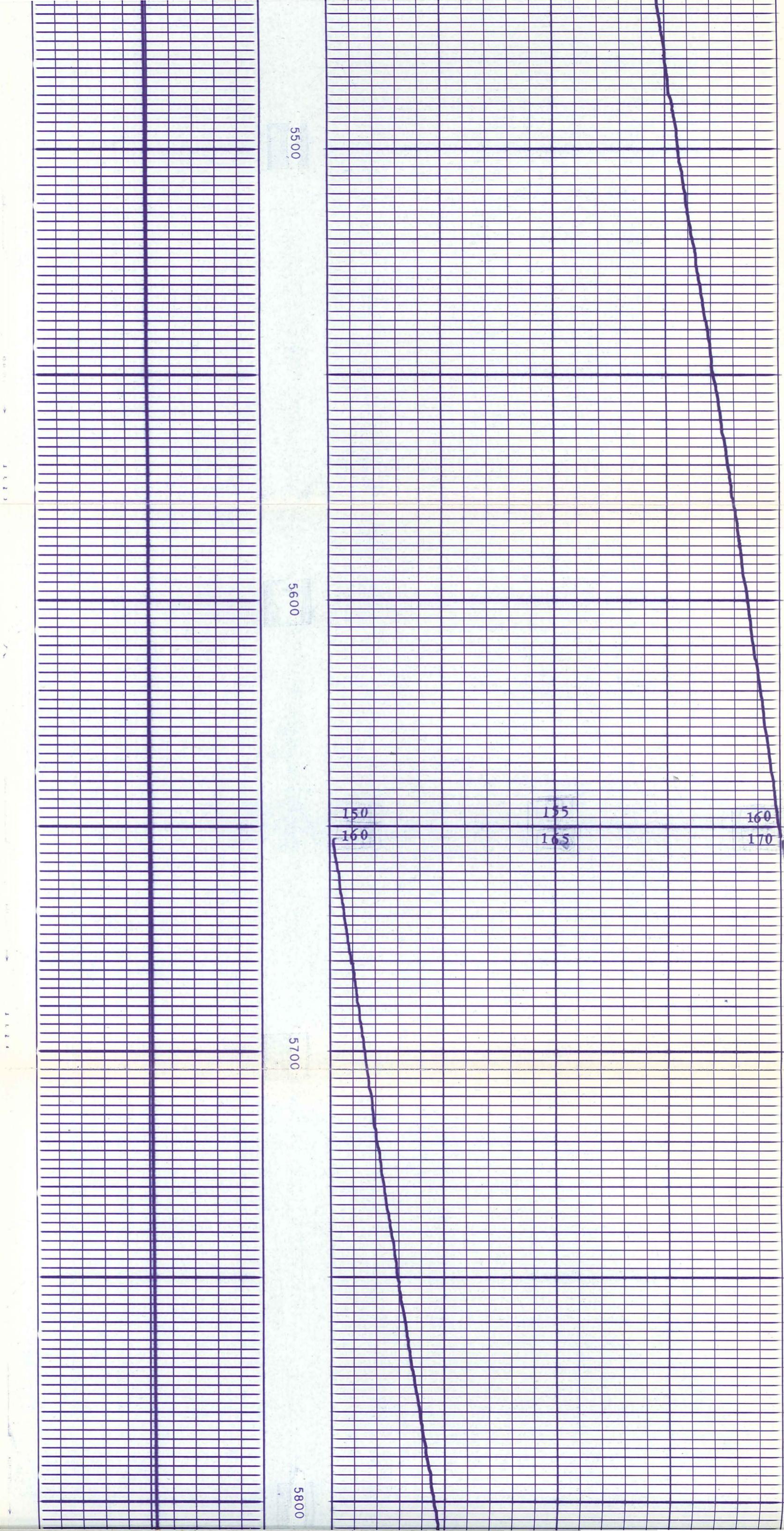
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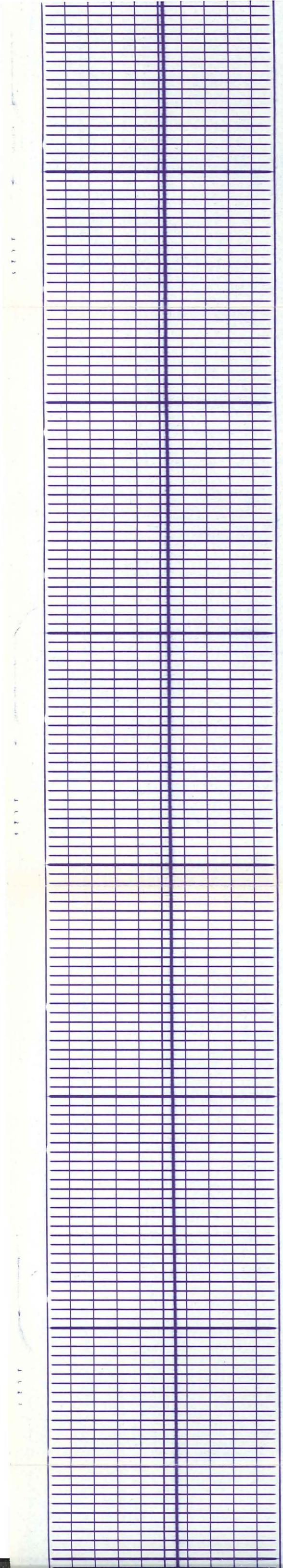
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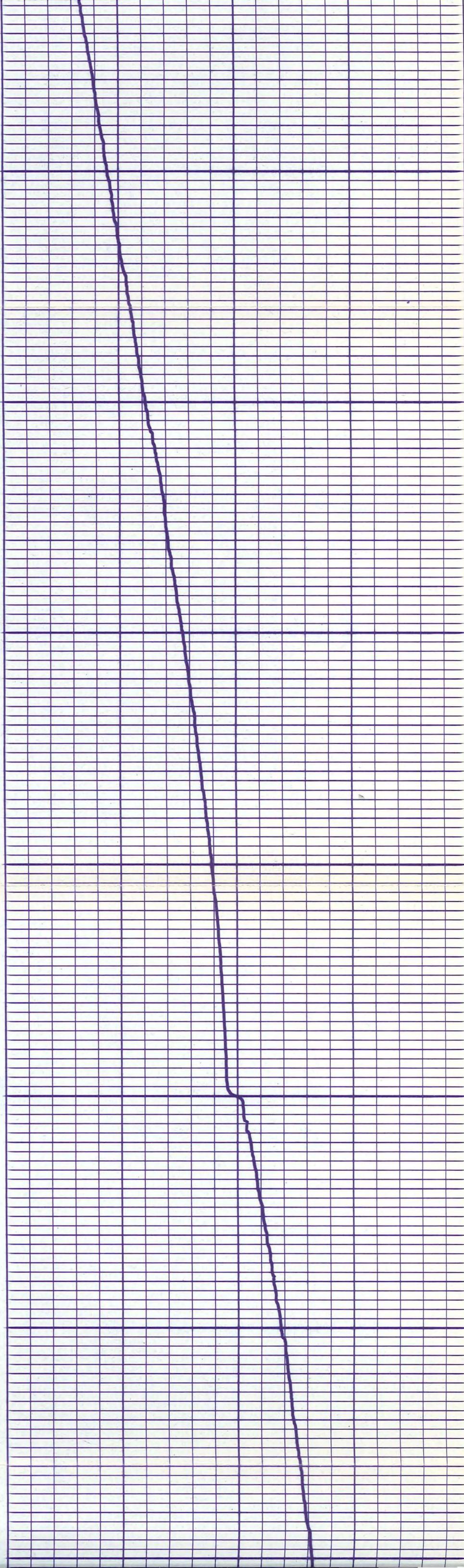


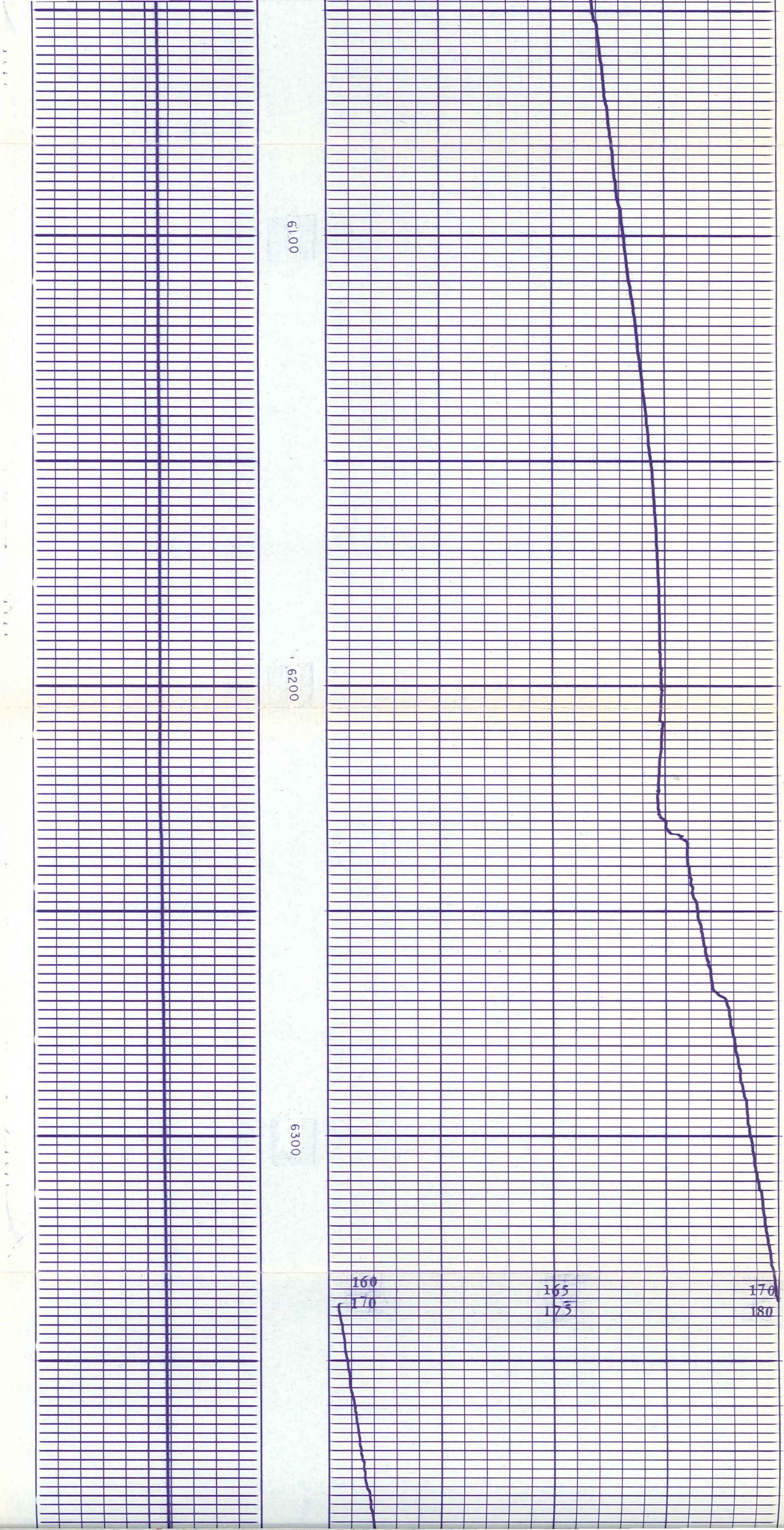
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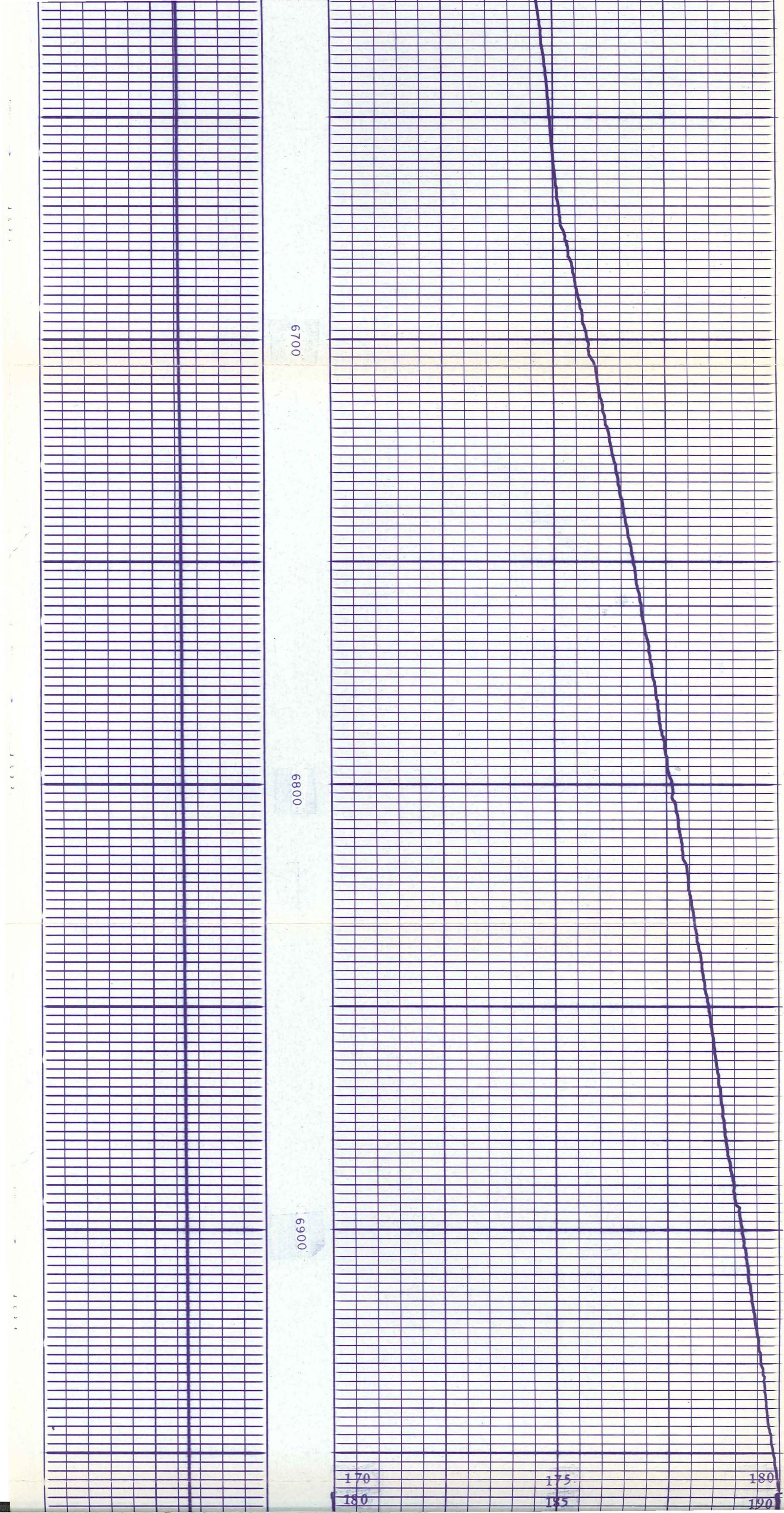
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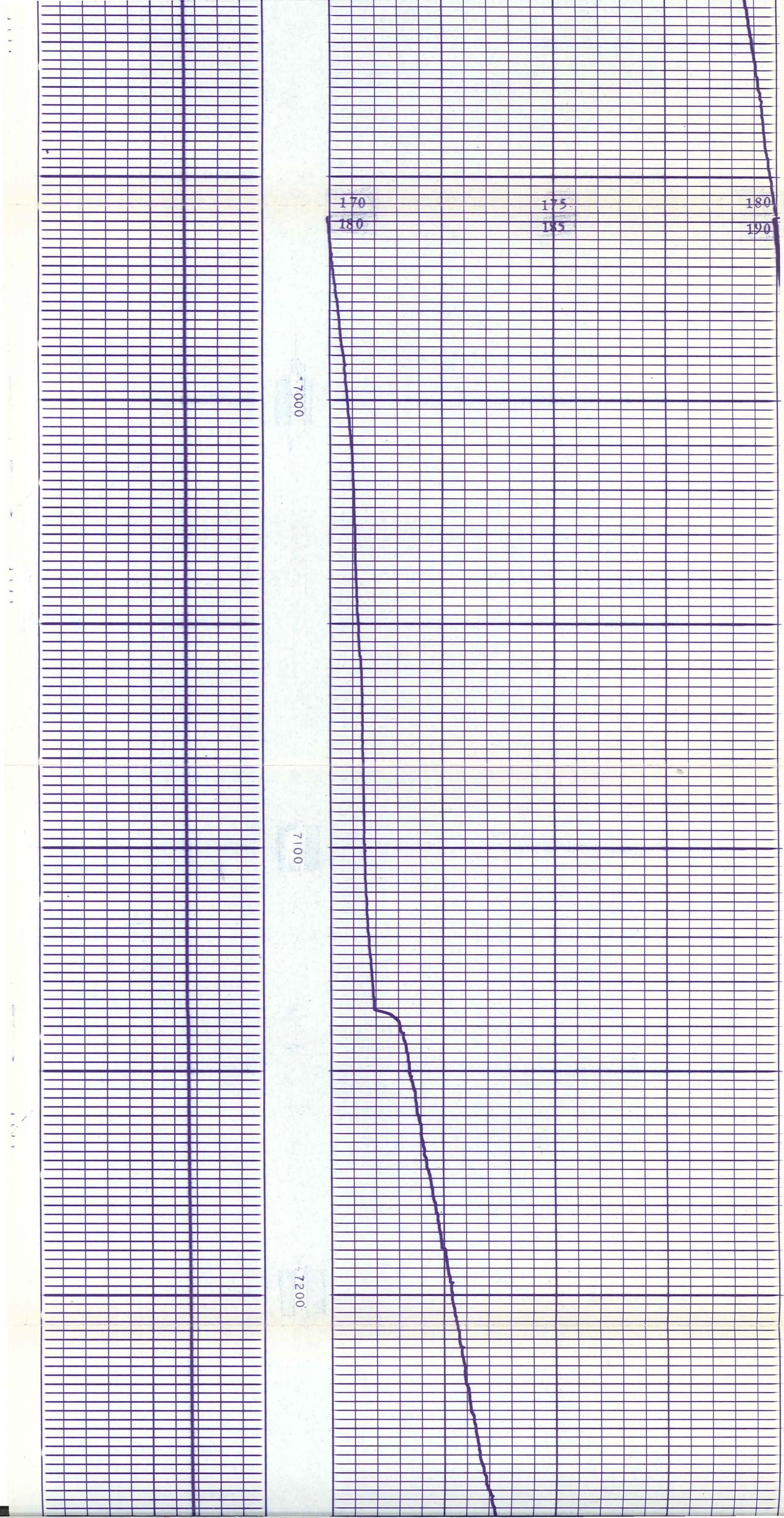
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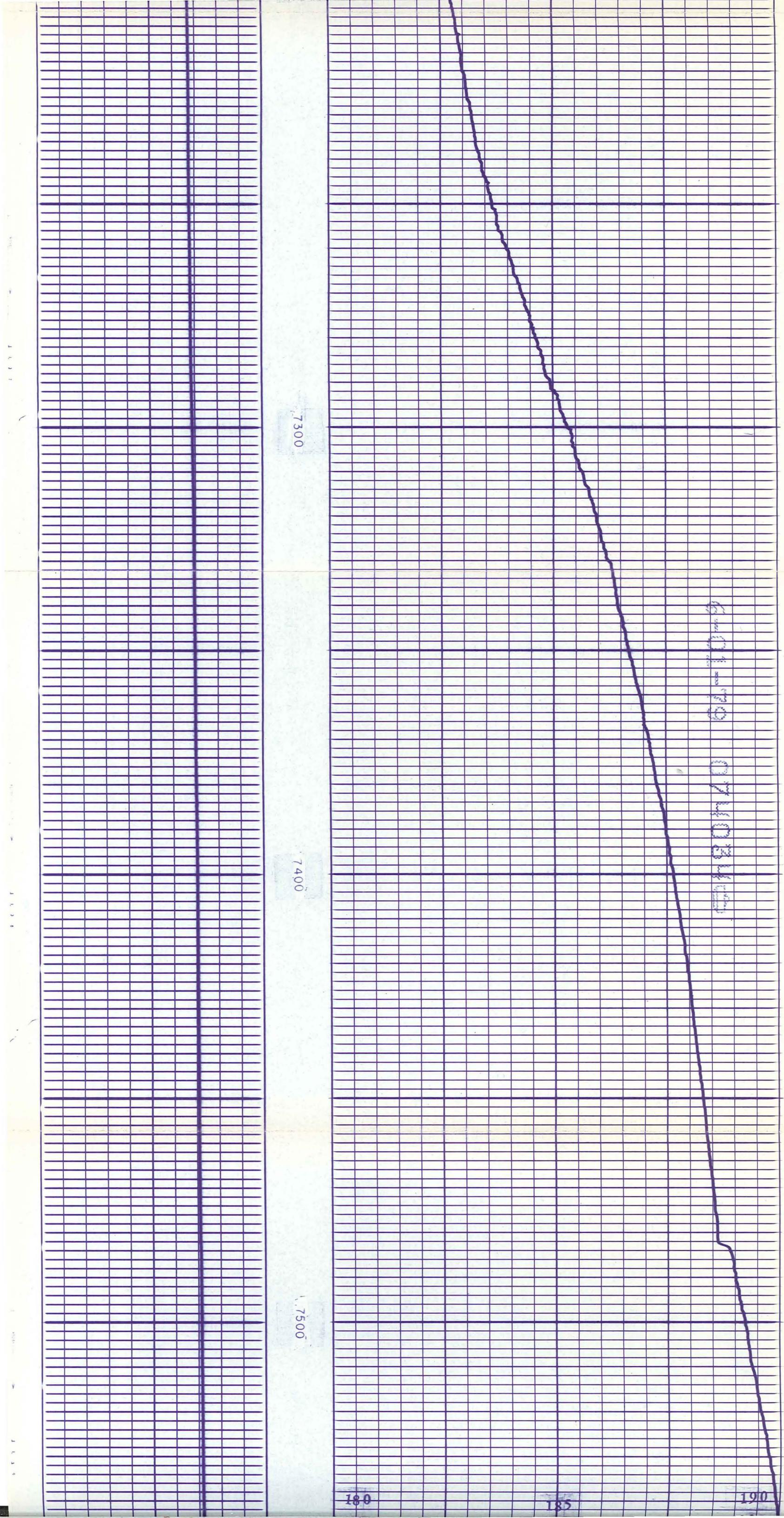


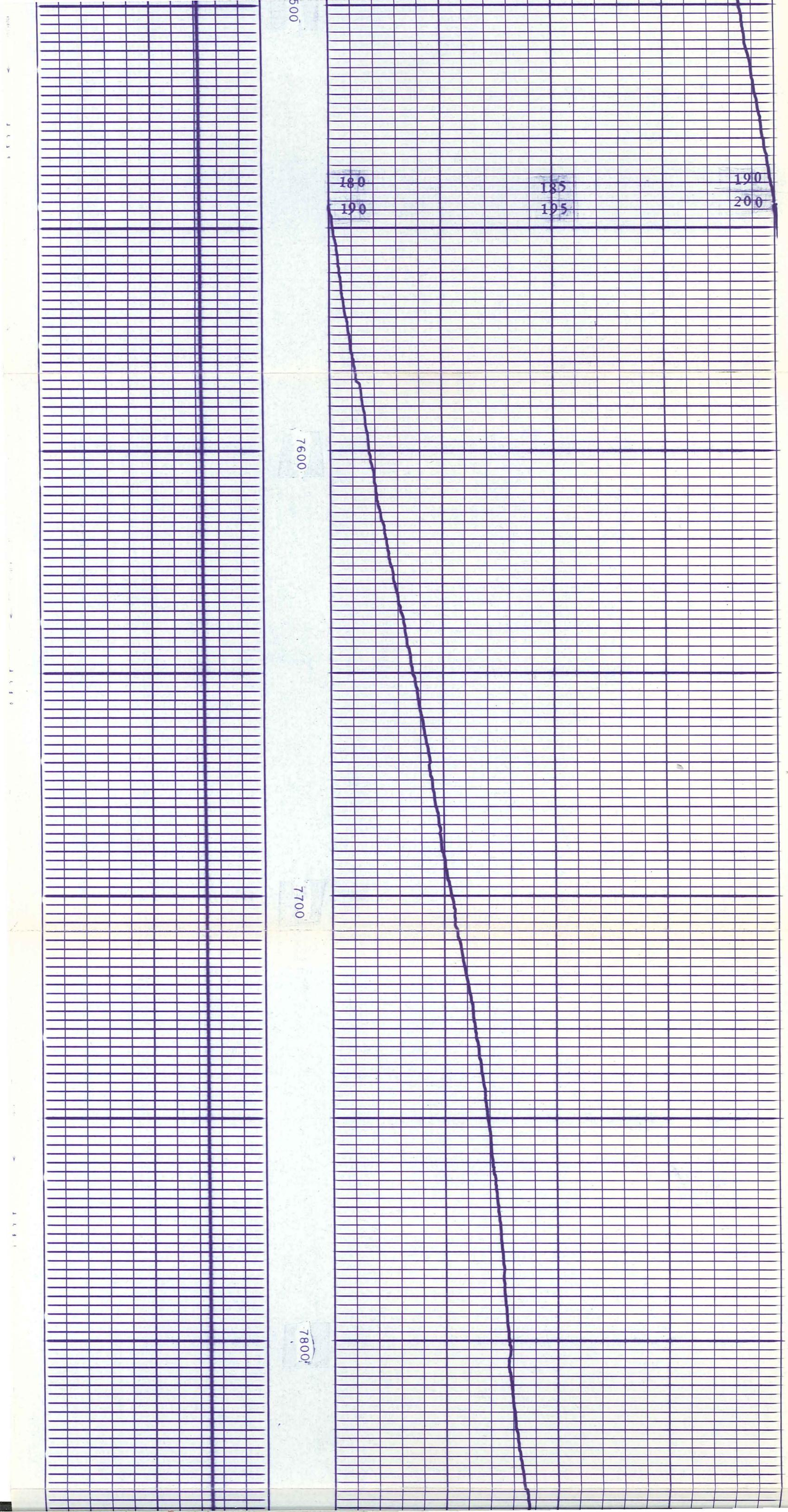


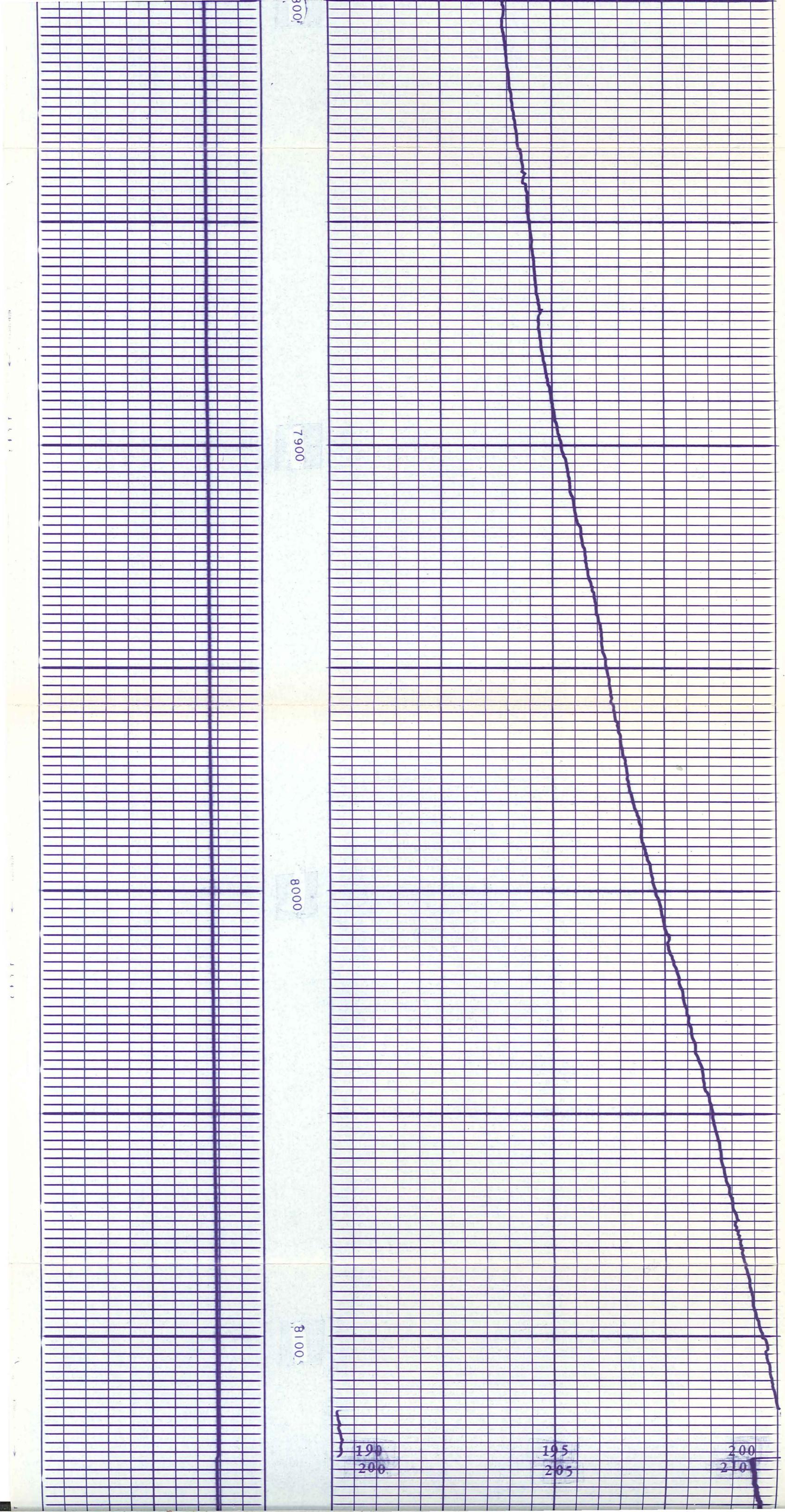


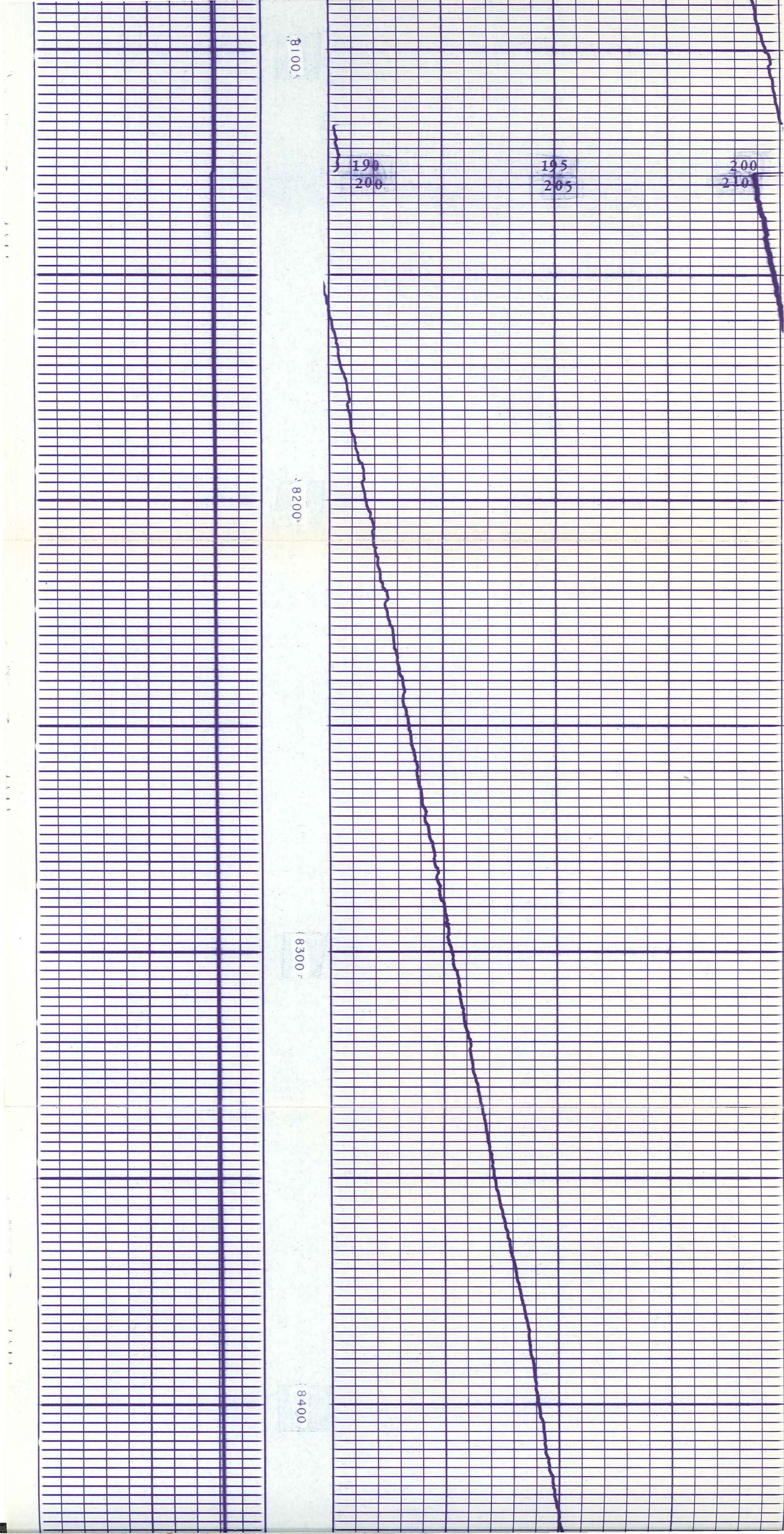


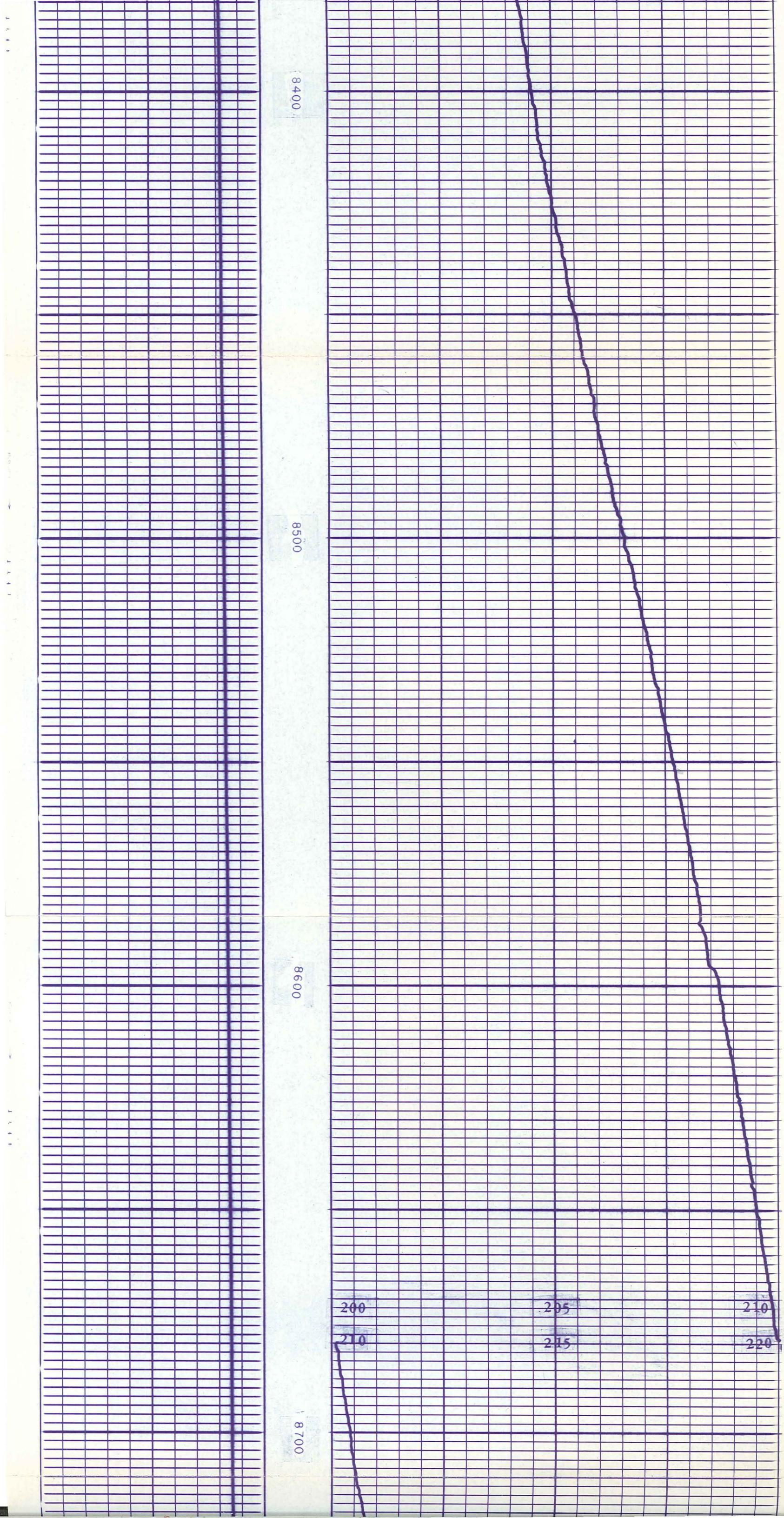


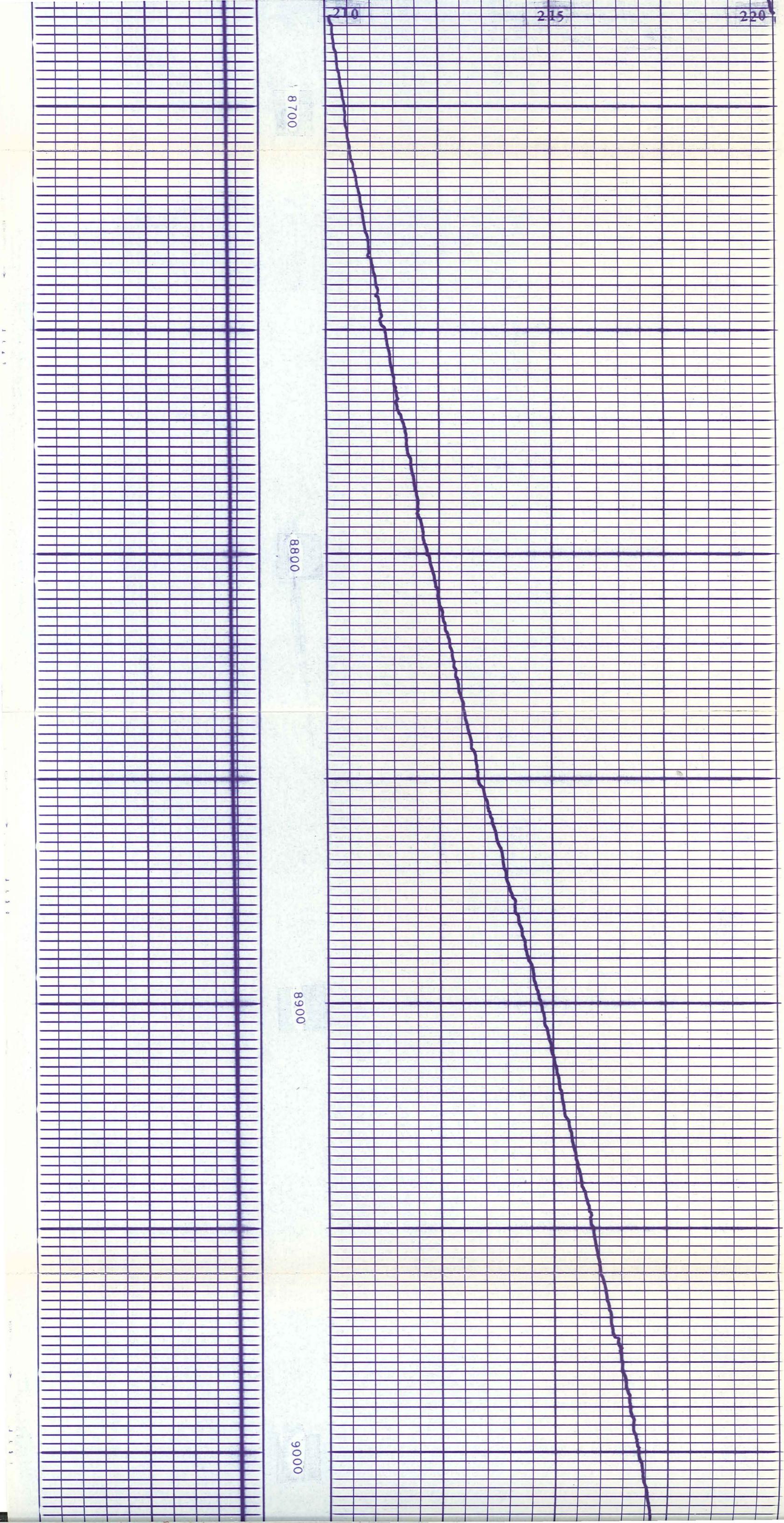


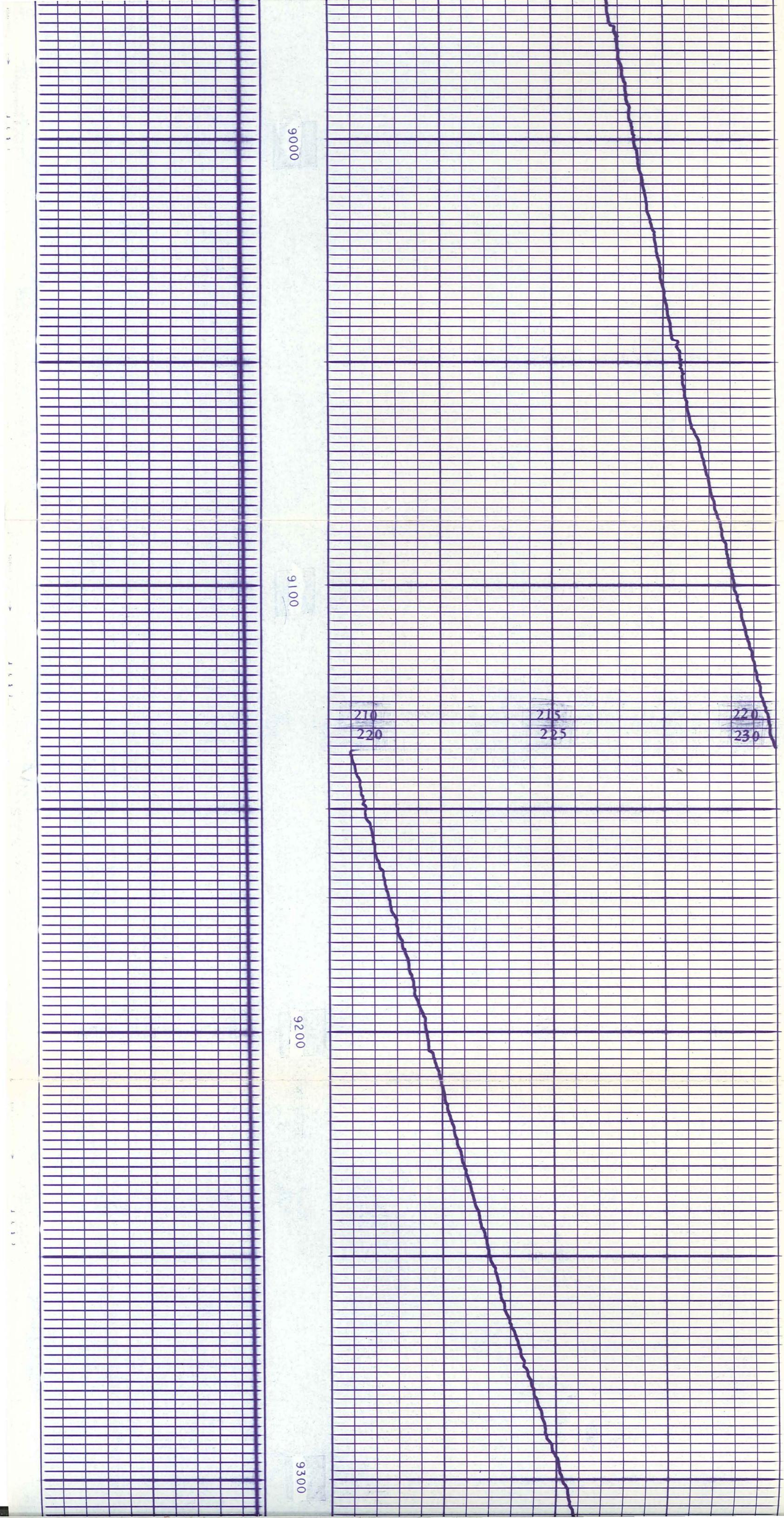


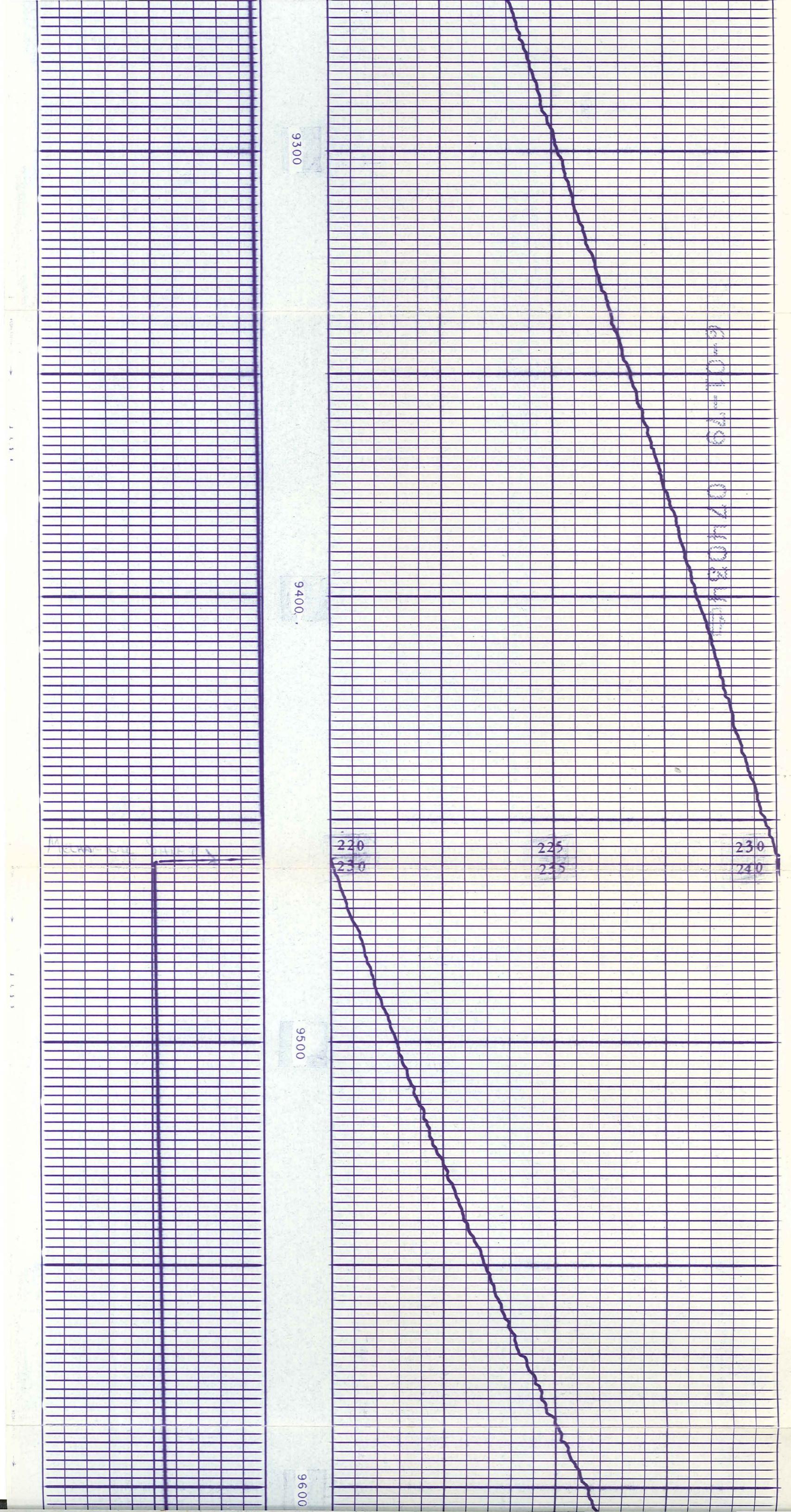


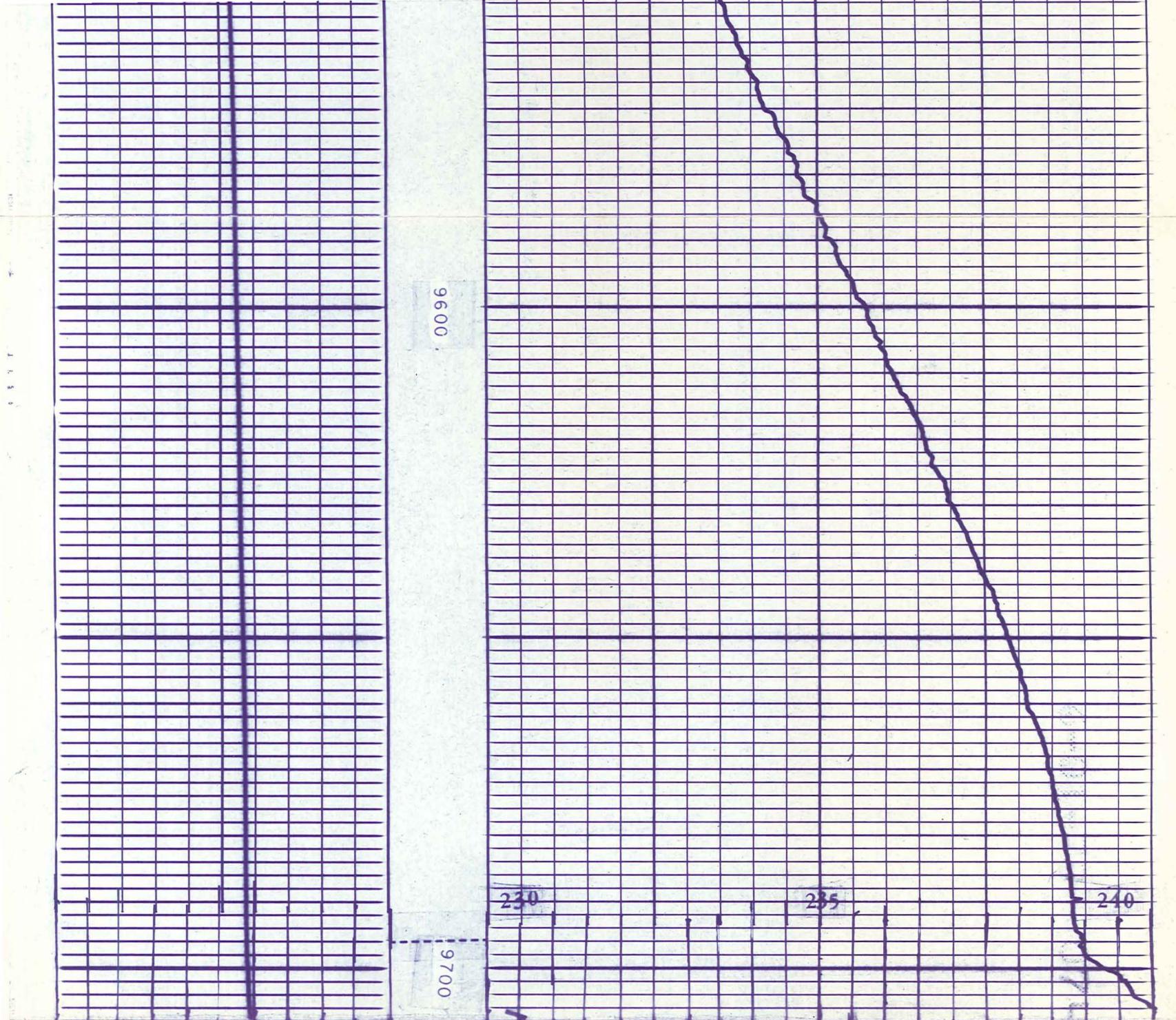












INCREASE →  
APPROX. 150 F/TRACK  
REDUCED SENSITIVITY  
TEMPERATURE

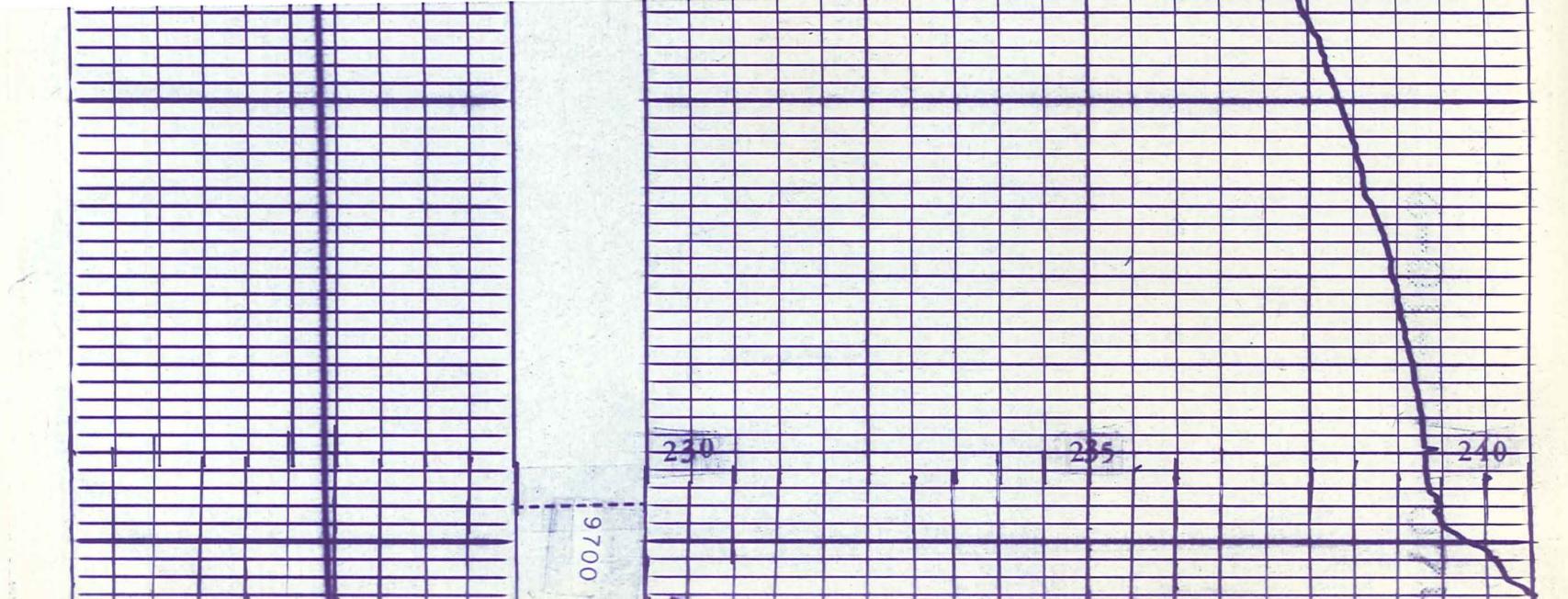
INCREASING TEMPERATURE →  
5 F PER TRACK

TEMPERATURE °F.

COMPANY	E G AND G IDAHO INC.
WELL	INEL # 1
FIELD	WILDCAT
COUNTY	BUTTE

STATE IDAHO

SCHL. F. R.	9798
SCHL. T. D.	9798
DRLR. T. D.	9816



INCREASE →  
APPROX. 150 F/TRACK  
REDUCED SENSITIVITY  
TEMPERATURE

INCREASING TEMPERATURE →  
5 F PER TRACK

TEMPERATURE °F.

COMPANY E G AND G IDAHO INC.  
WELL INEL # 1  
FIELD WILDCAT  
COUNTY BUTTE

STATE IDAHO

SCHL. F. R. 9798  
SCHL. T. D. 9798  
DRLR. T. D. 9816



FILE\_CAB\_15\_DRAWER\_1