Results.

	c/m-bacteria	
1	43	$46\frac{1}{2}$
2	50	
3	52	$49\frac{1}{2}$
4	47	
5	46	47
6	48	
7	48	50
8	52	
9	53	$51\frac{1}{2}$
10	50	
11	56	$57\frac{1}{2}$
12	59	
13	~~50~~ 65	
14	~~16~~ 86	
15	55	58
16	61	
17	54	59
18	64	

RNA figures
in Munich book.

Monday 17th Feb 58

Microsomal

Effect of RNase on ~~soluble~~ RNA

in spite of unclear results of last incubation decided to go ahead with exp.

Tube no	1	2	3	4	5	6	7	8	9	10	11	12	13	14
RNA microsomal (4)	.3	→												
RNase ($\frac{1}{40}$ g/ml) medium	.2	→												
~~Time of this incubation~~	.1	→												
lysozyme (dil. $\frac{1}{5}$ th)	.2	→												
Cocktail.	.2	→												
Time of this incubation in minutes	250	250	130	130	70	70	36	36	20	20	13	13	3	1

minutes.

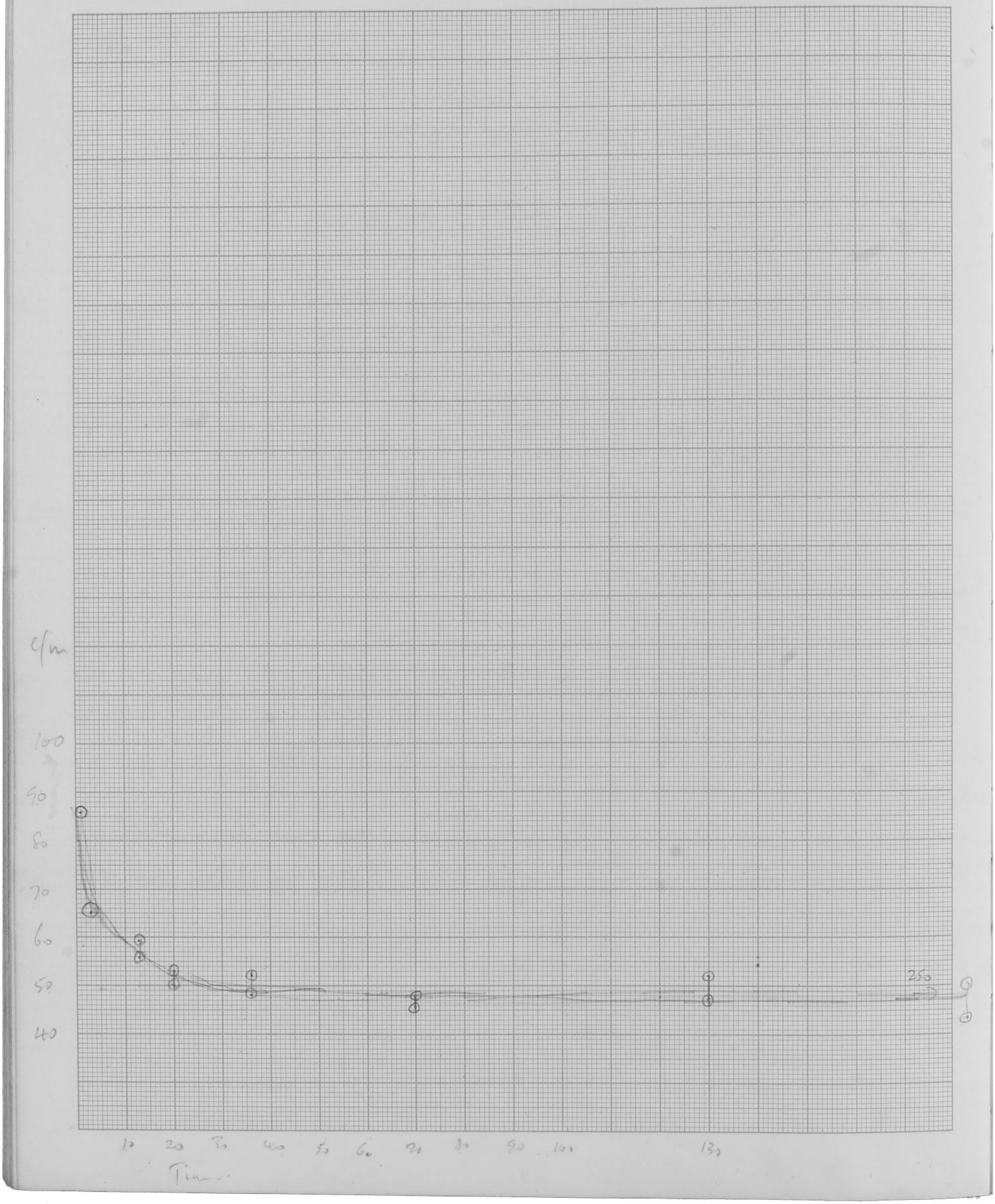
Tube no	15	16	17	18
RNA (4)	.3	.3	–	–
lysozyme (dil. to $\frac{1}{5}$th)	.2 →			
Cocktail.	.2 →			
Medium	.3	.3	.3	.3
H$_2$O.	–	–	.3	.3

i.e. no RNase

Incubated for ~ 12 minutes at about 37°C.

~~Then~~ .5 ml lysozyme added. worked up (without alcohol step).

Notice: should have had control with RNase and no added RNA.


c/m
100
90
80
70
60
50
40
10
20
30
40
50
60
70
80
90
100
130
250
Time

also did two tubes to check incubation, using

chloroformed medium

Tube	A	B
RNA ④	·3	·3
RNase ($\frac{1}{400}$ g/ml)	·2	·2
chloroformed medium	·1	·1
	·6	·6

took ·1 ml aliquots and added 10 ml H_2O

started ~ 11 a.m.

at "zero" time a few minutes, got

	A_0	B_0
~~OD~~ ~~OD~~ OD_{260}	·281 / ·283	·268

H_2O blank ·002

~~Did~~ took another sample after 4½ hours, and reread the previous dilutions. got

	A	B
zero time	·307	·289
4½ hours	·321	·312

H_2O blank ·003

This this makes no sense again unless enzyme much more are or active than 9 thought, or unless contaminated.