ТИПОВЫЕ СТРОИТЕЛЬНЫЕ КОНСТРУКЦИИ, ИЗДЕЛИЯ И УЗЛЫ

СЕРИЯ 1.020-1/87

КОНСТРУКЦИИ КАРКАСА МЕЖВИДОВОГО ПРИМЕНЕНИЯ ДЛЯ МНОГОЭТАЖНЫХ ОБЩЕСТВЕННЫХ ЗДАНИЙ, ПРОИЗВОДСТВЕННЫХ И ВСПОМОГАТЕЛЬНЫХ ЗДАНИЙ ПРОМЫШЛЕННЫХ ПРЕДПРИЯТИЙ

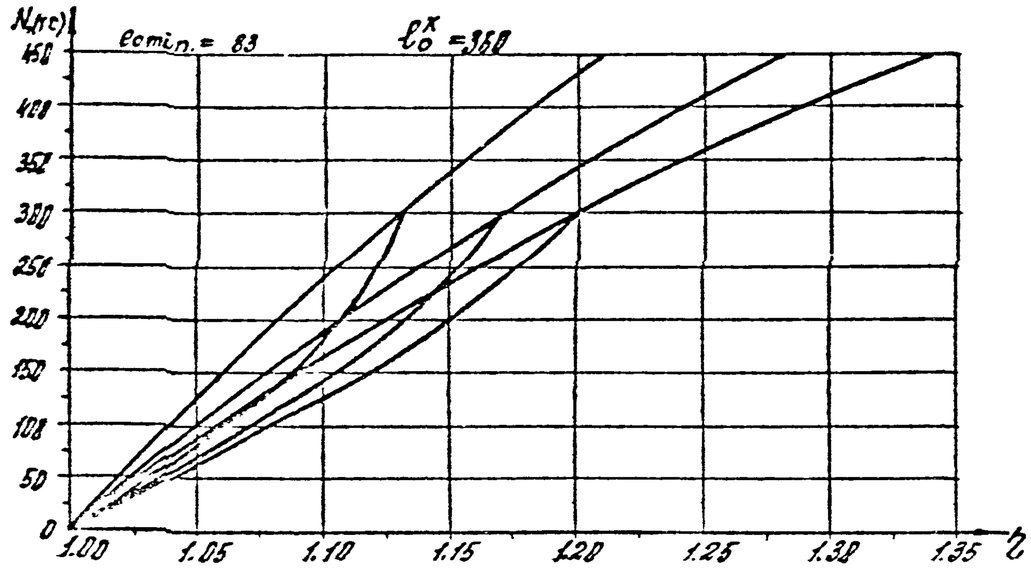
ВЫПУСК 0-6

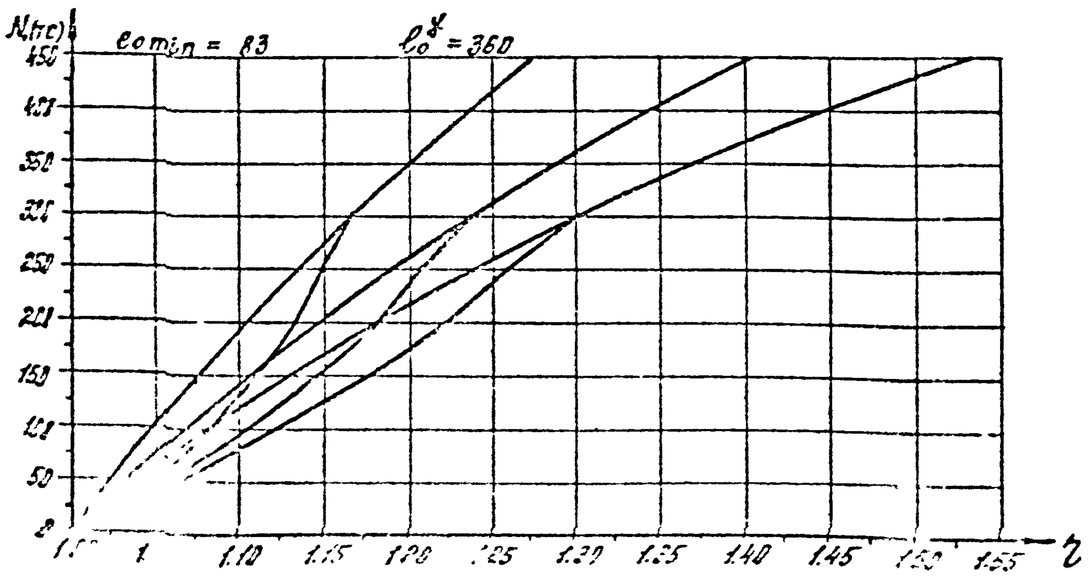
ГРАФИКИ НЕСУЩИХ СПОСОБНОСТЕЙ КОЛОНН
ДЛЯ ЗДАНИЙ С ВЫСОТАМИ ЭТАЖЕЙ
4,8; 6,0 И 7,2 М

ЧАСТЬ 2

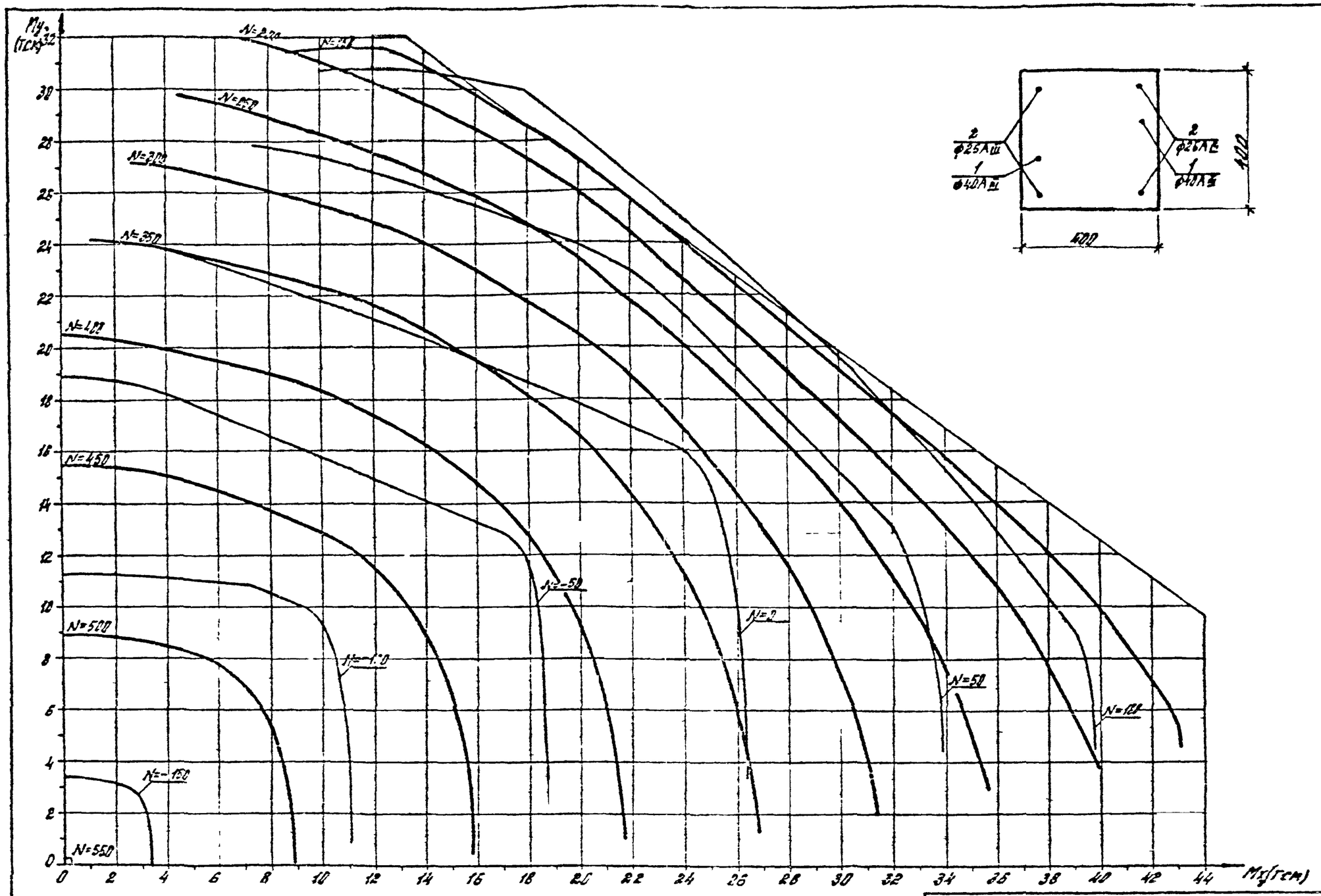
(СТР. 101...200)

Вх. 32829 л.102

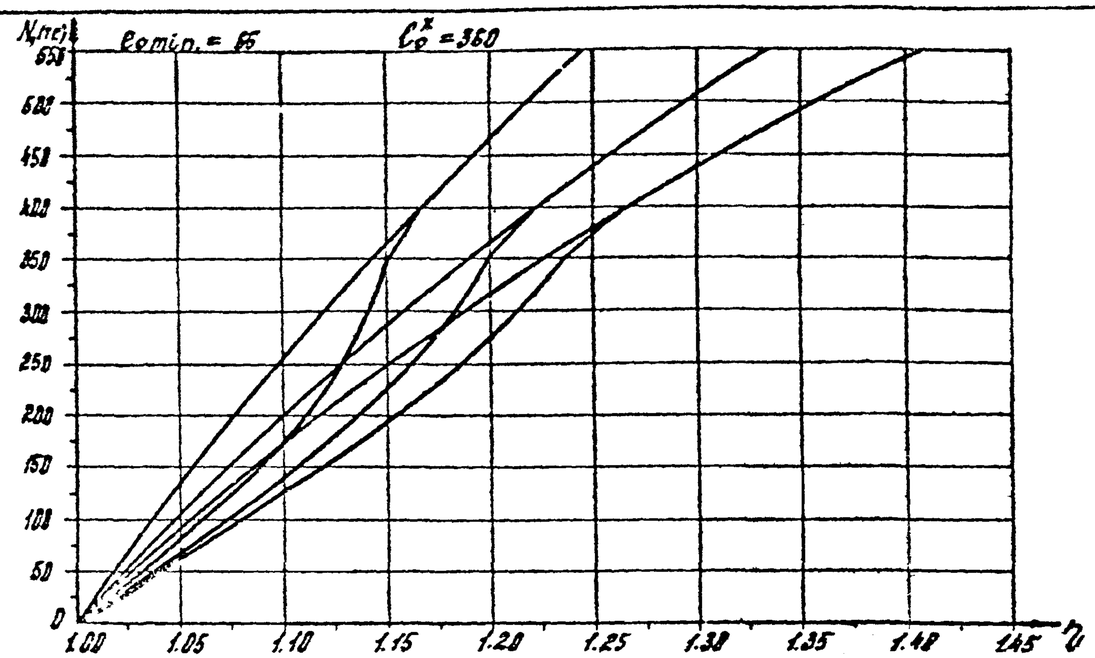


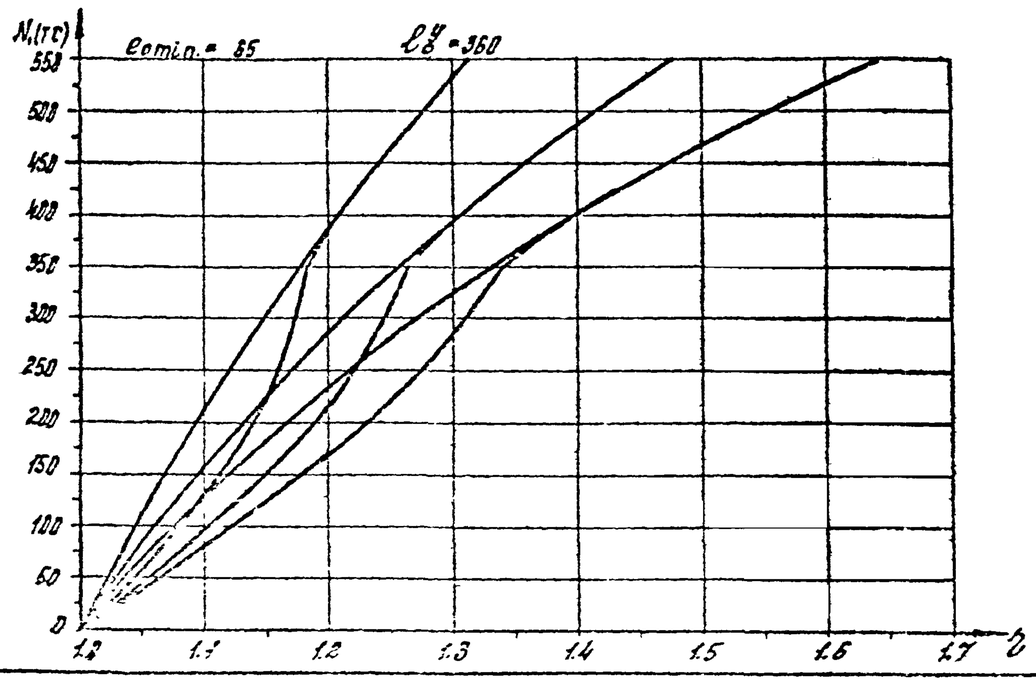


Вх. 32829 л.103

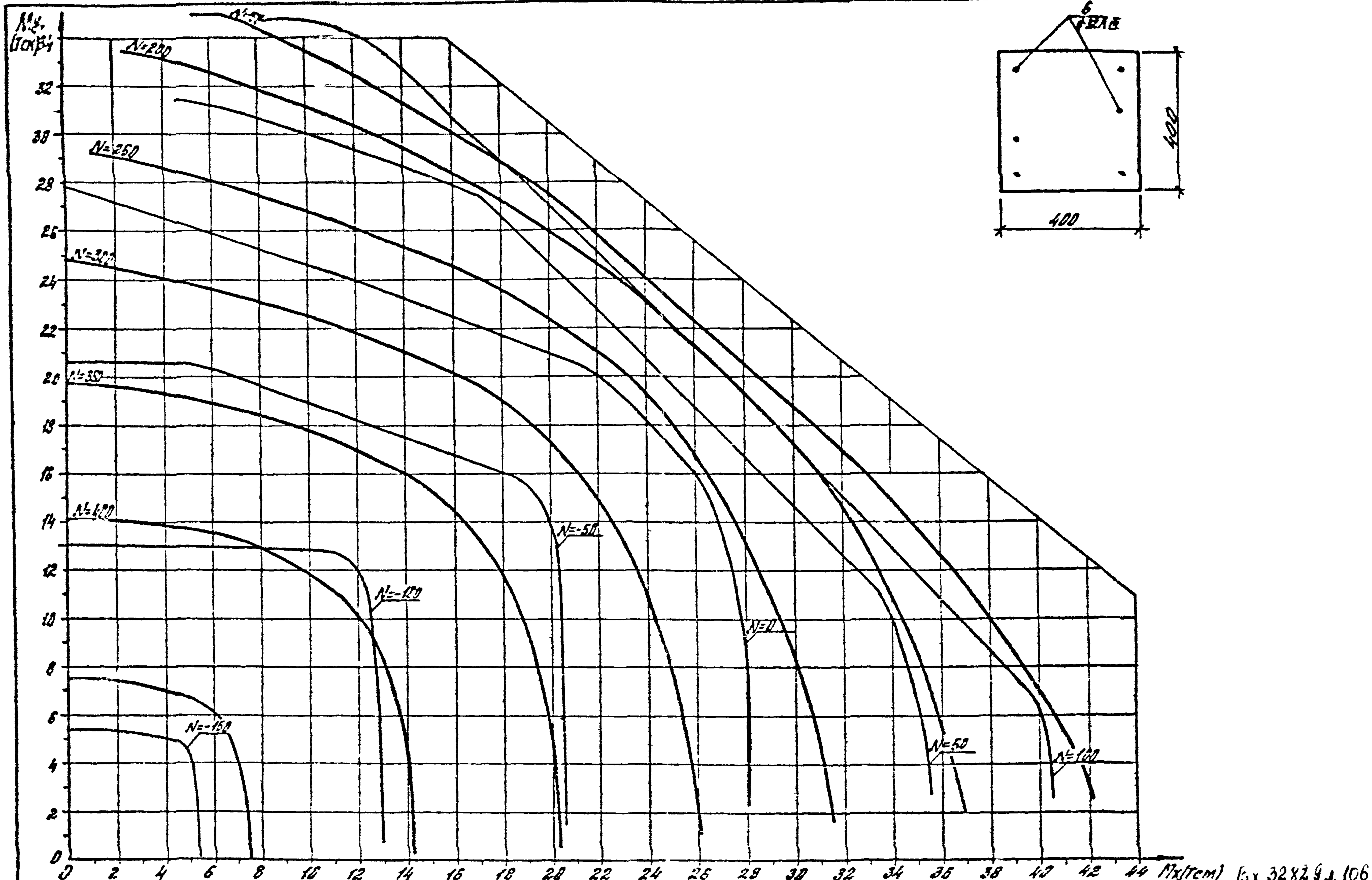


класс бетона В40 ($R_b^б$=245.4 кгс/см^2 при учете γ_{b2}=1.10)

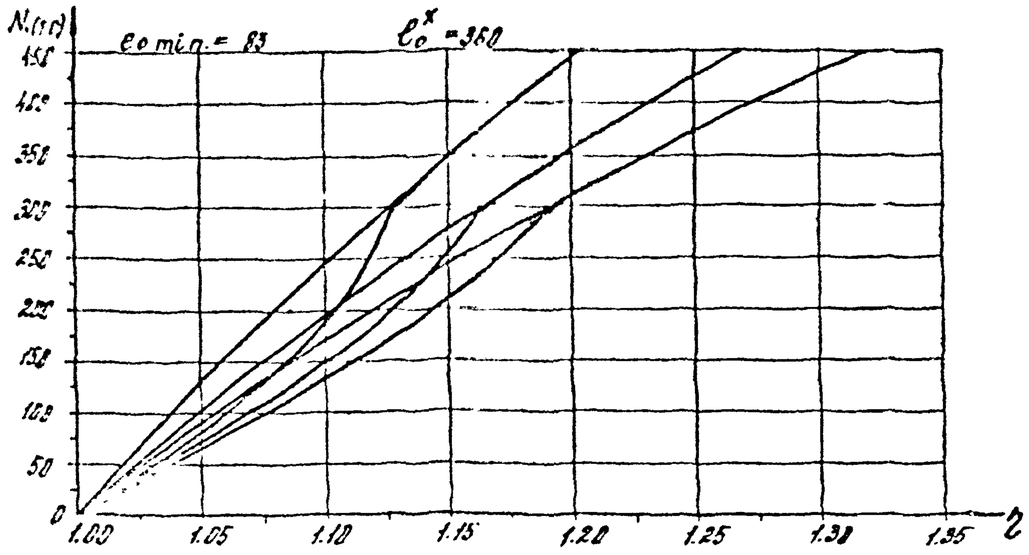


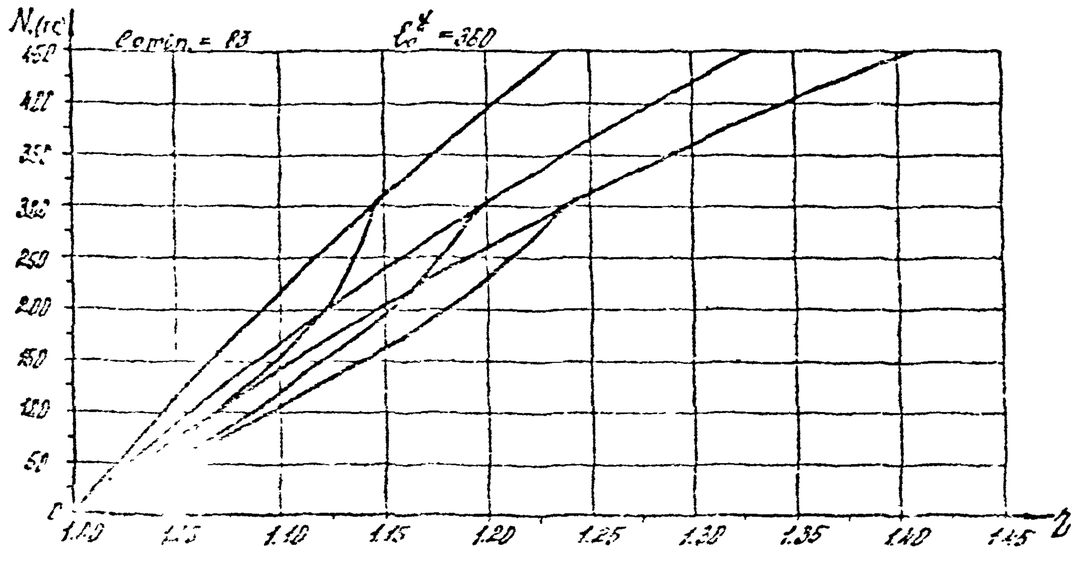


Вх. 32829 л.109



класс бетона В40 (Rb=201.6кгс/см² при учете γb2=0.9)





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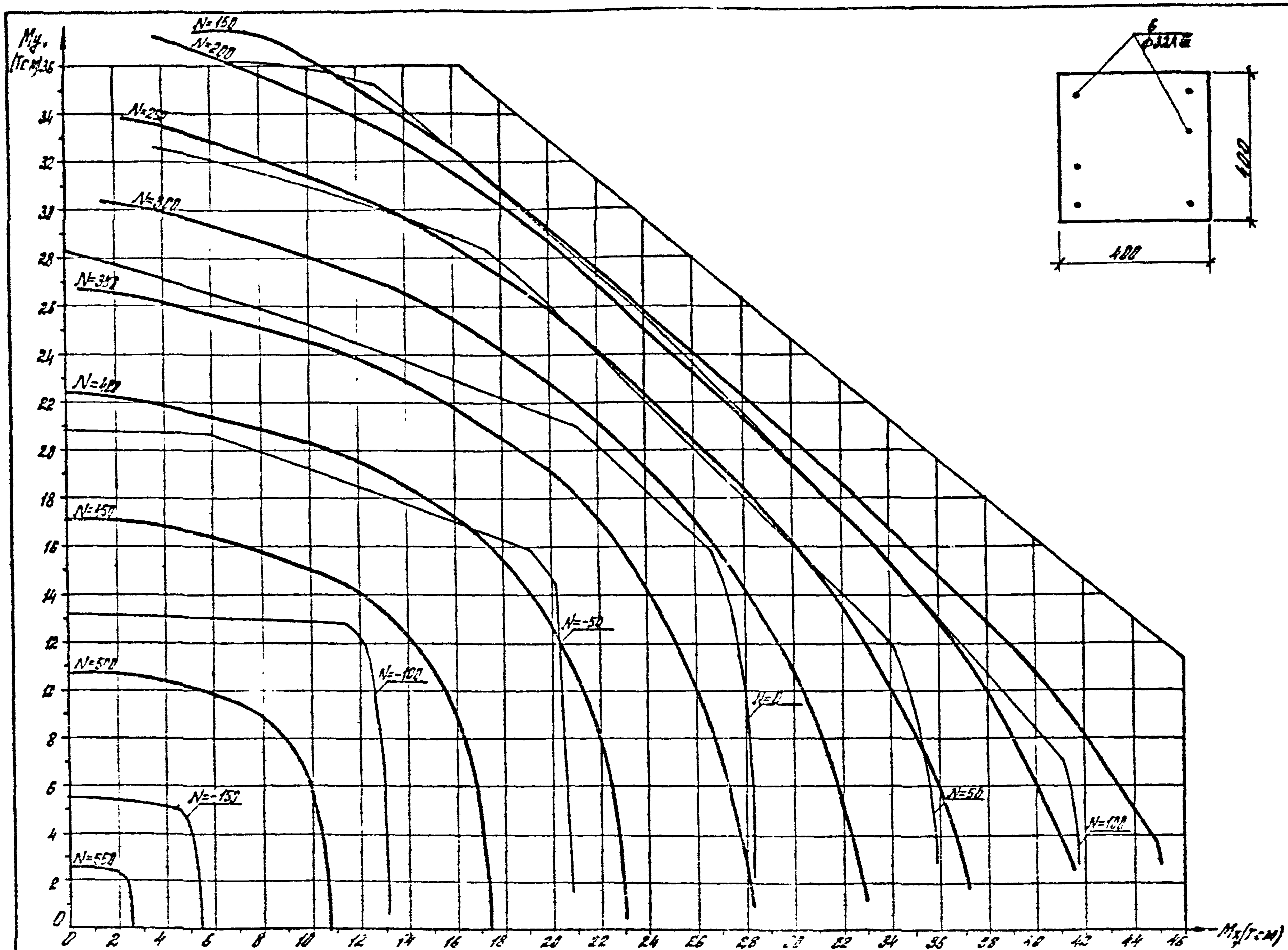
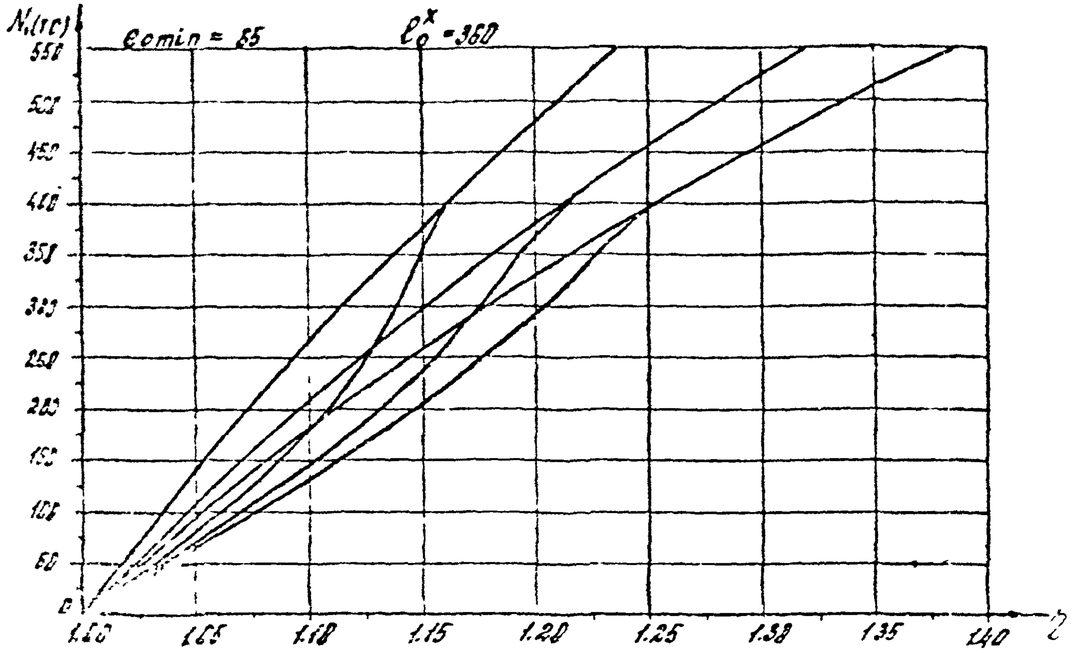
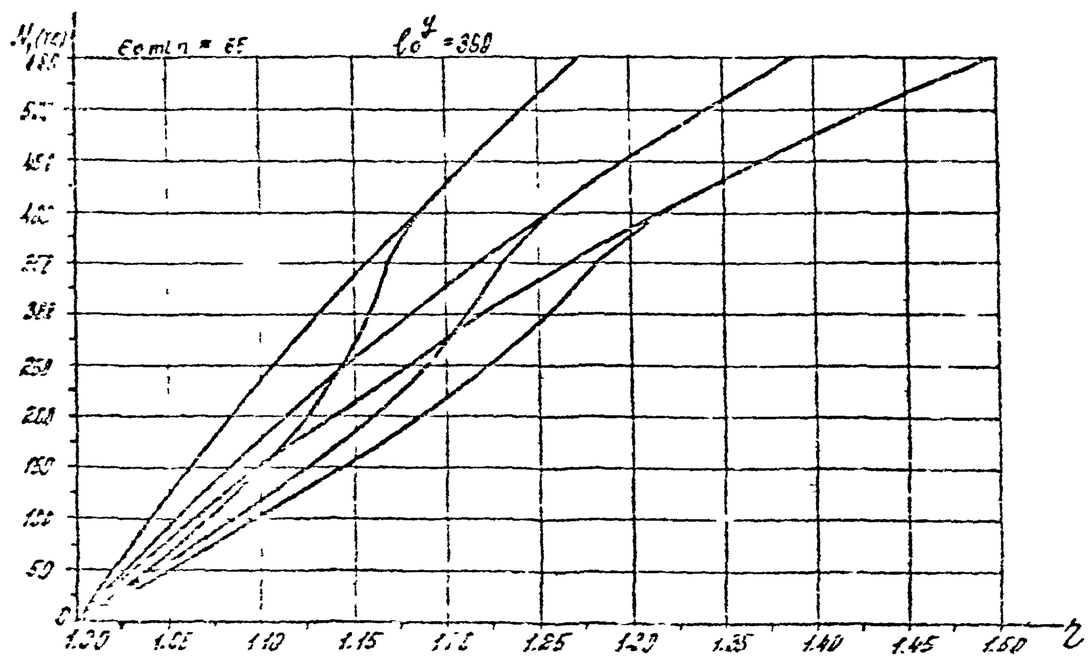


Класс бетона В40 (Rb=246,4 кгс/см² при учете γ_{b2}=1.10)





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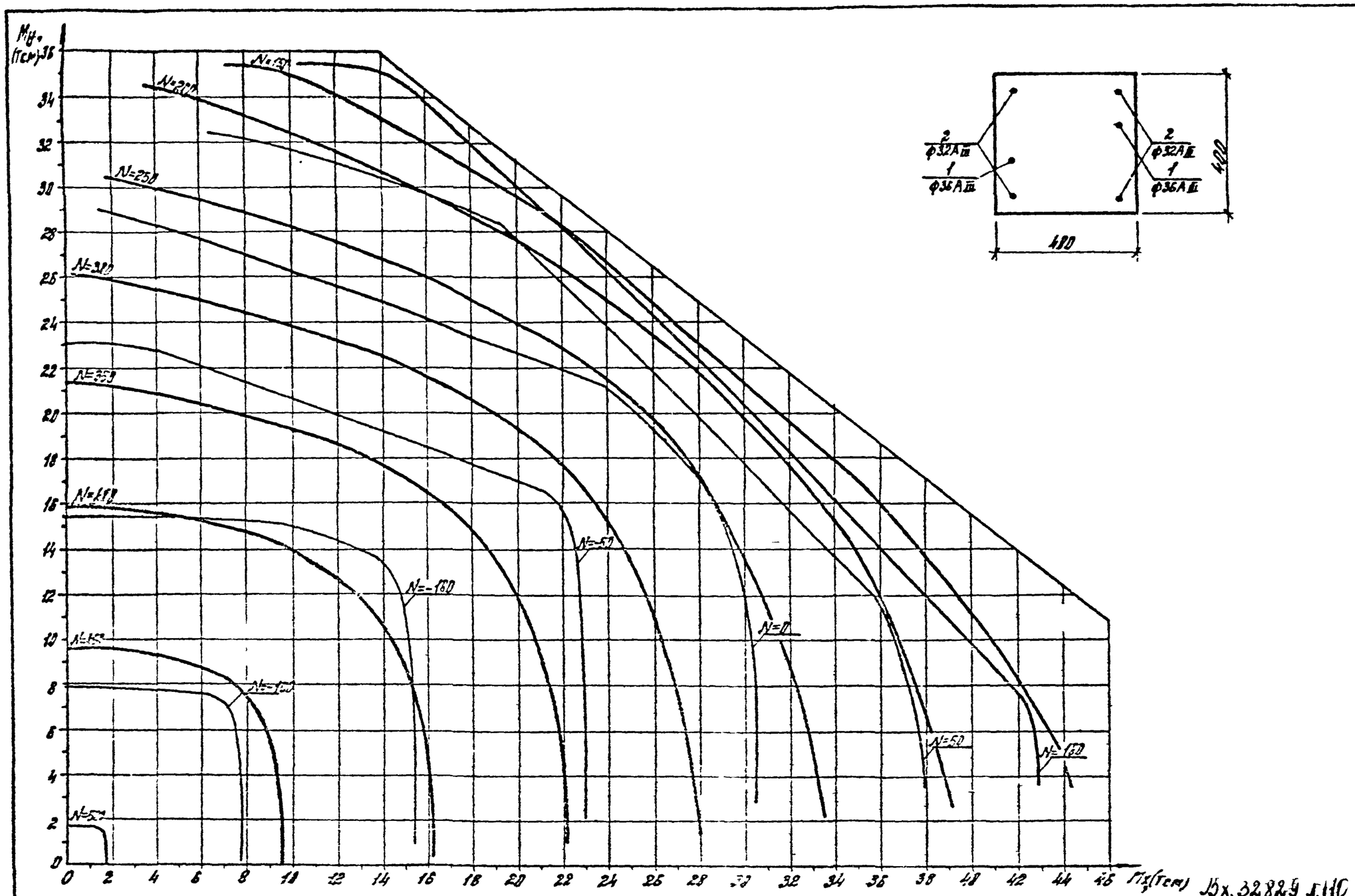

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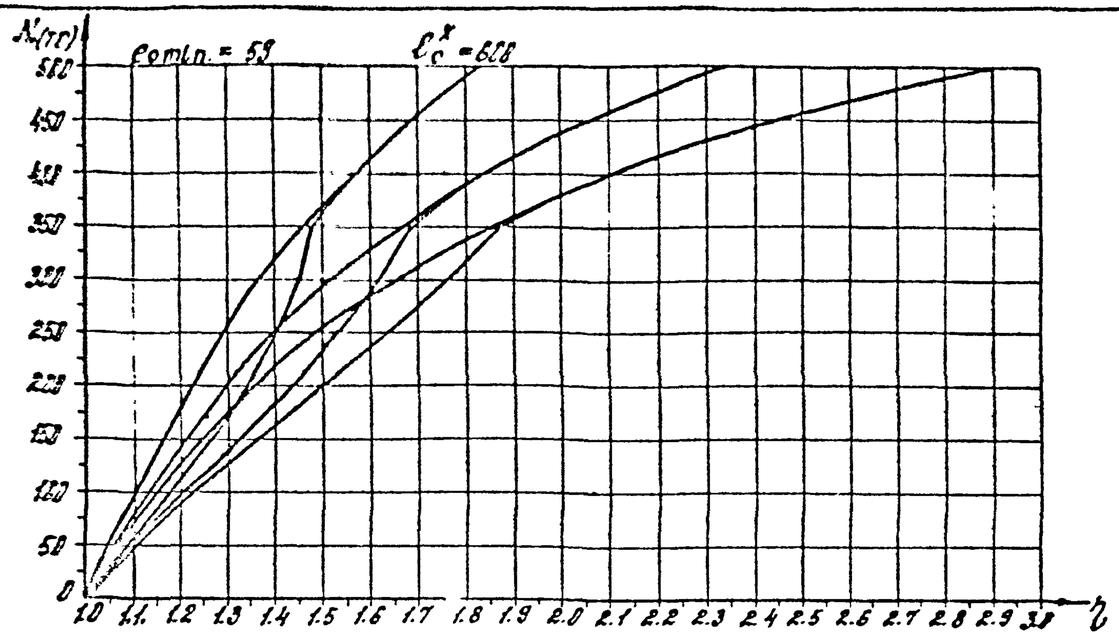
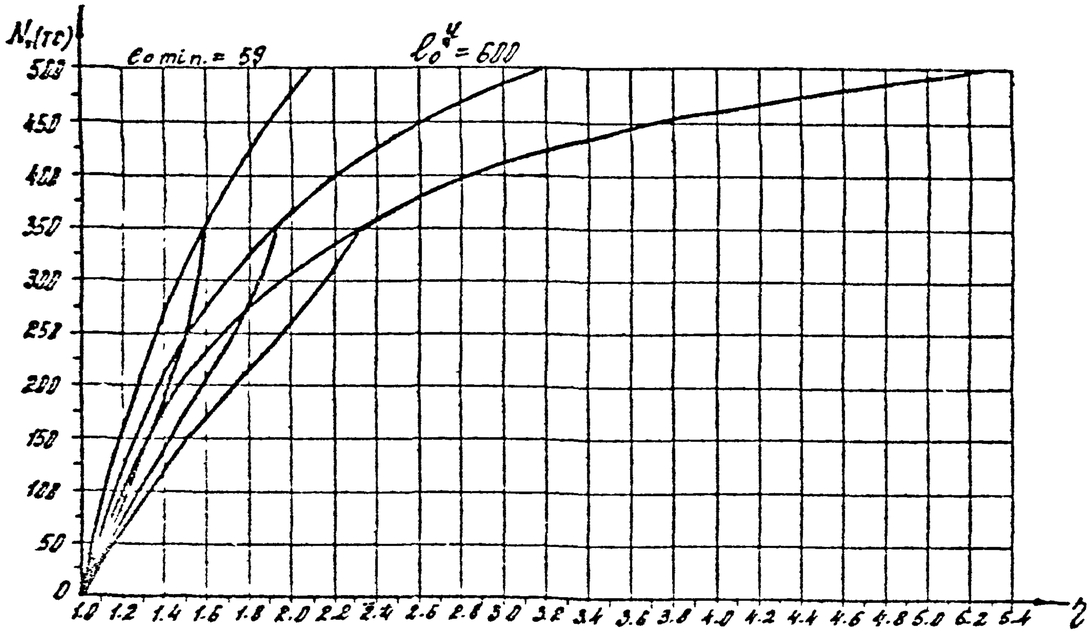
Лист 103

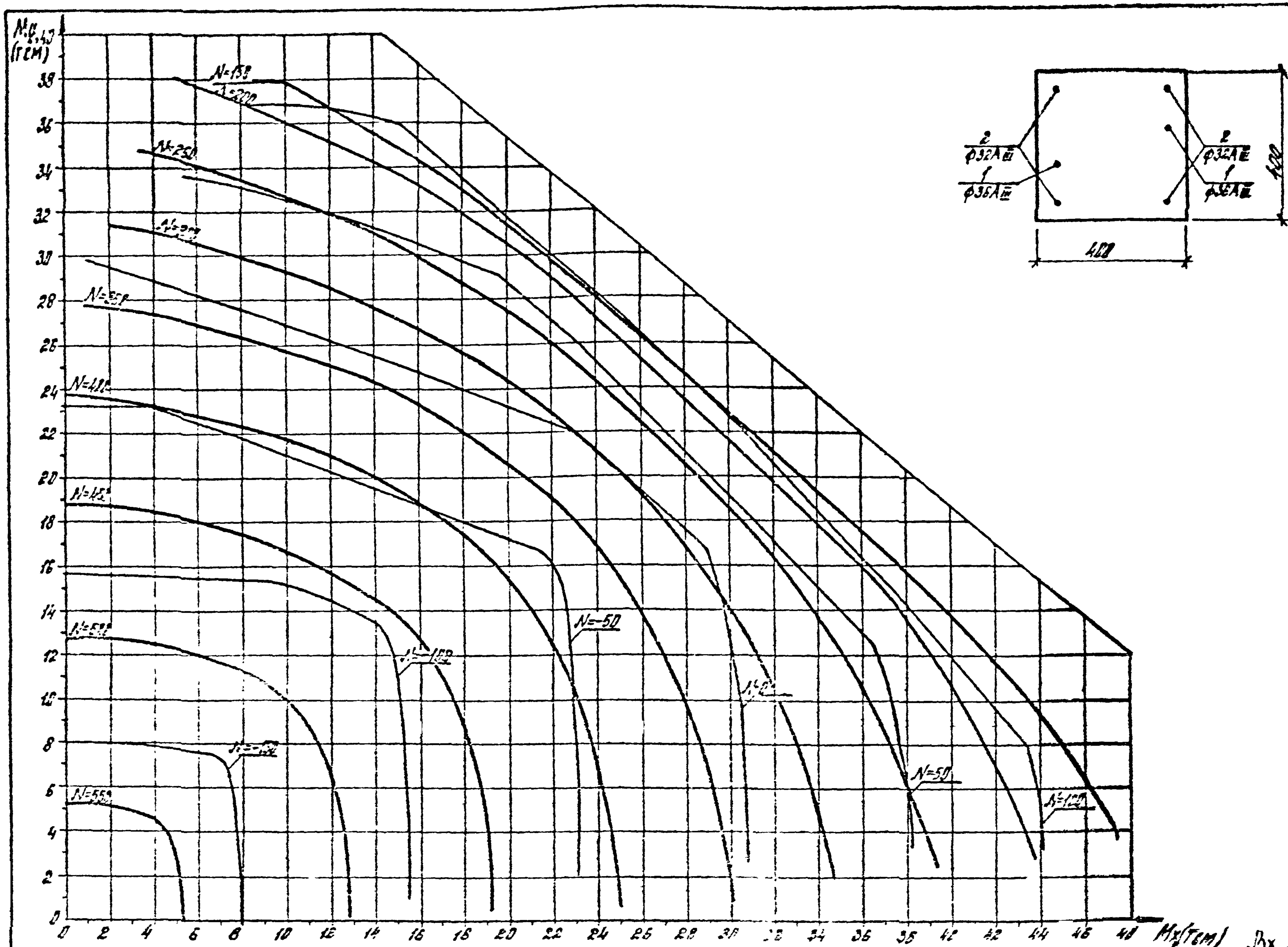
Класс бетона В40 (Rв = 261.6 кгс/см² при учете γв2 = 0,9)

Ix.32829 л.110



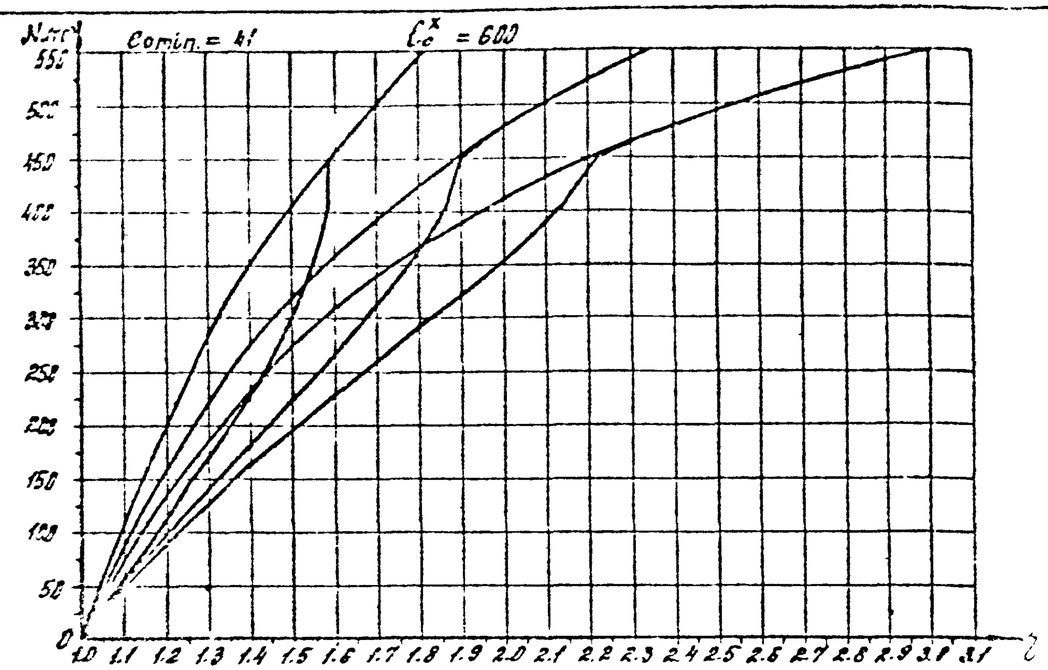


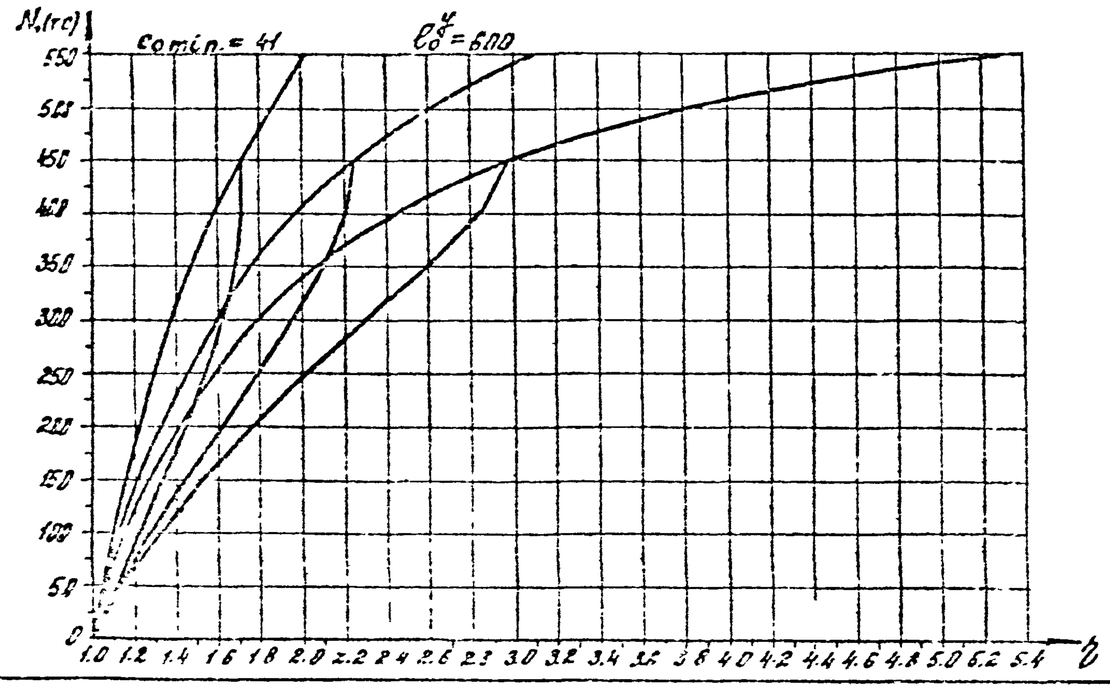
Вх. 32829 л.111



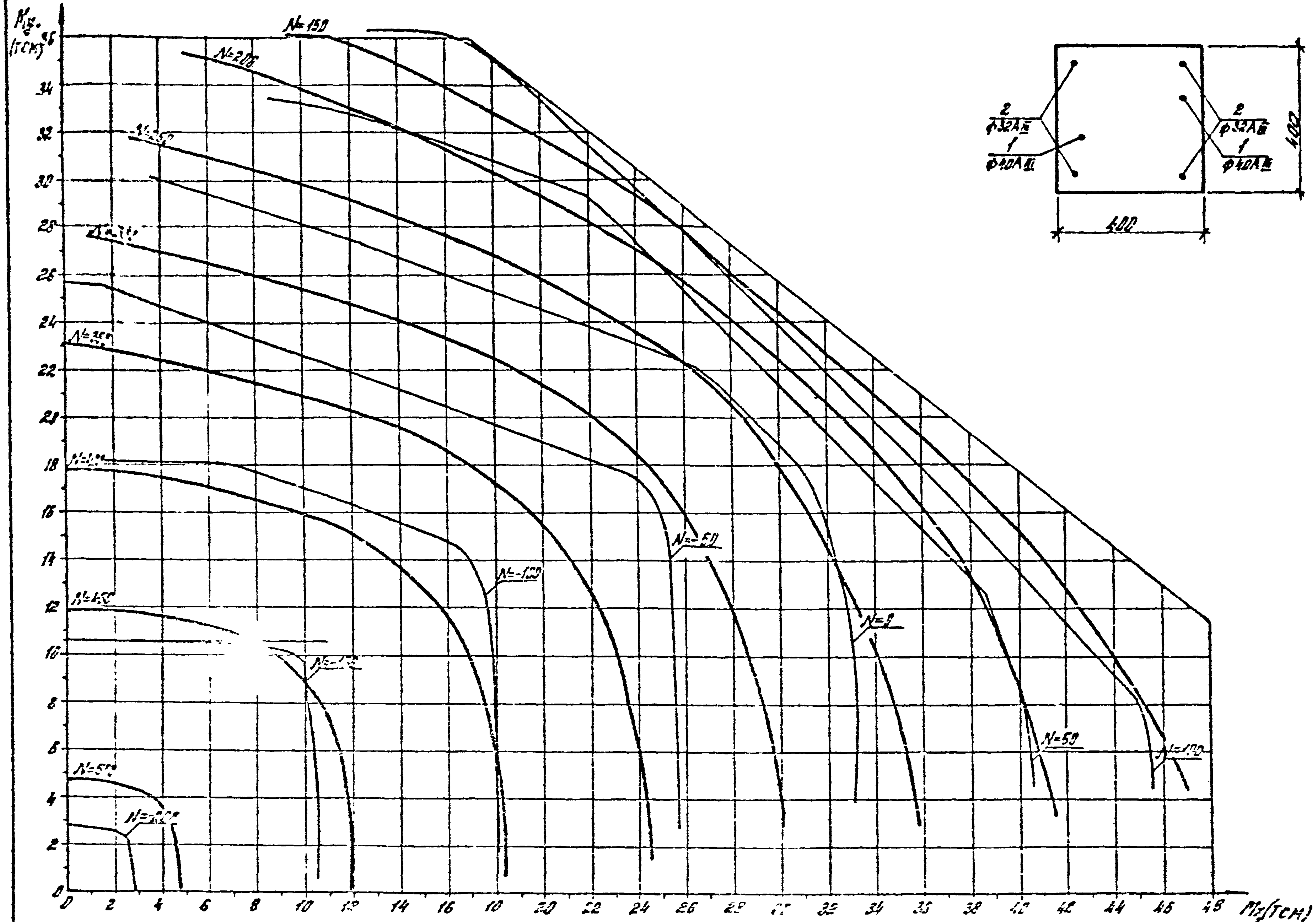
Вх. 32823 л. 112

класс бетона В40 (Rб=245 кгс/см² при учете $\gamma_{б2}$=1.10)





Вх. 32829 л.113



класс бетона В40 (Rb=201 кгс/см² при учете γ_{b2}=0,9)

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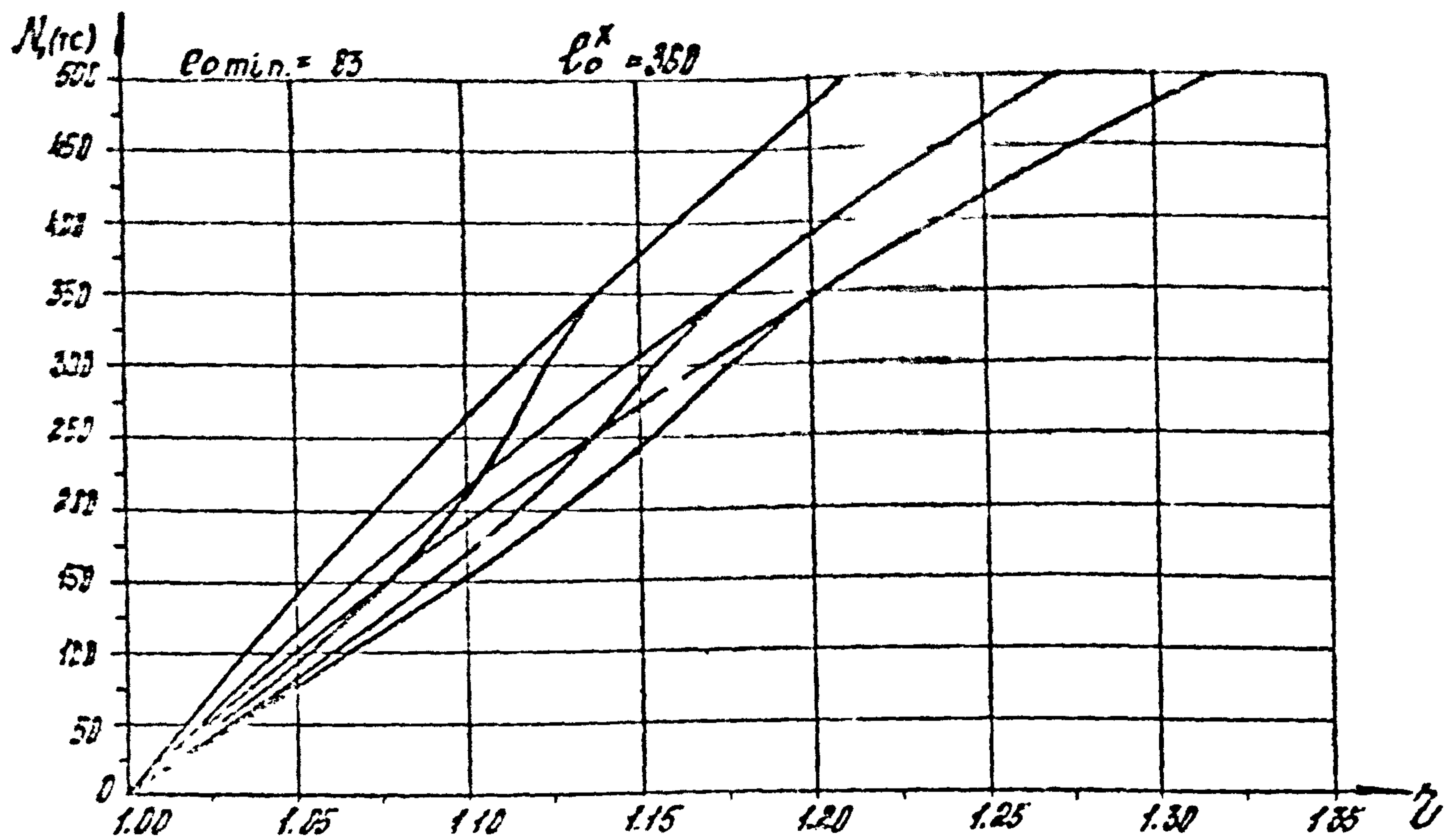
Лист 107

Вх. 32829 л. 114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l₀ˣ = 360
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450
400
350
300
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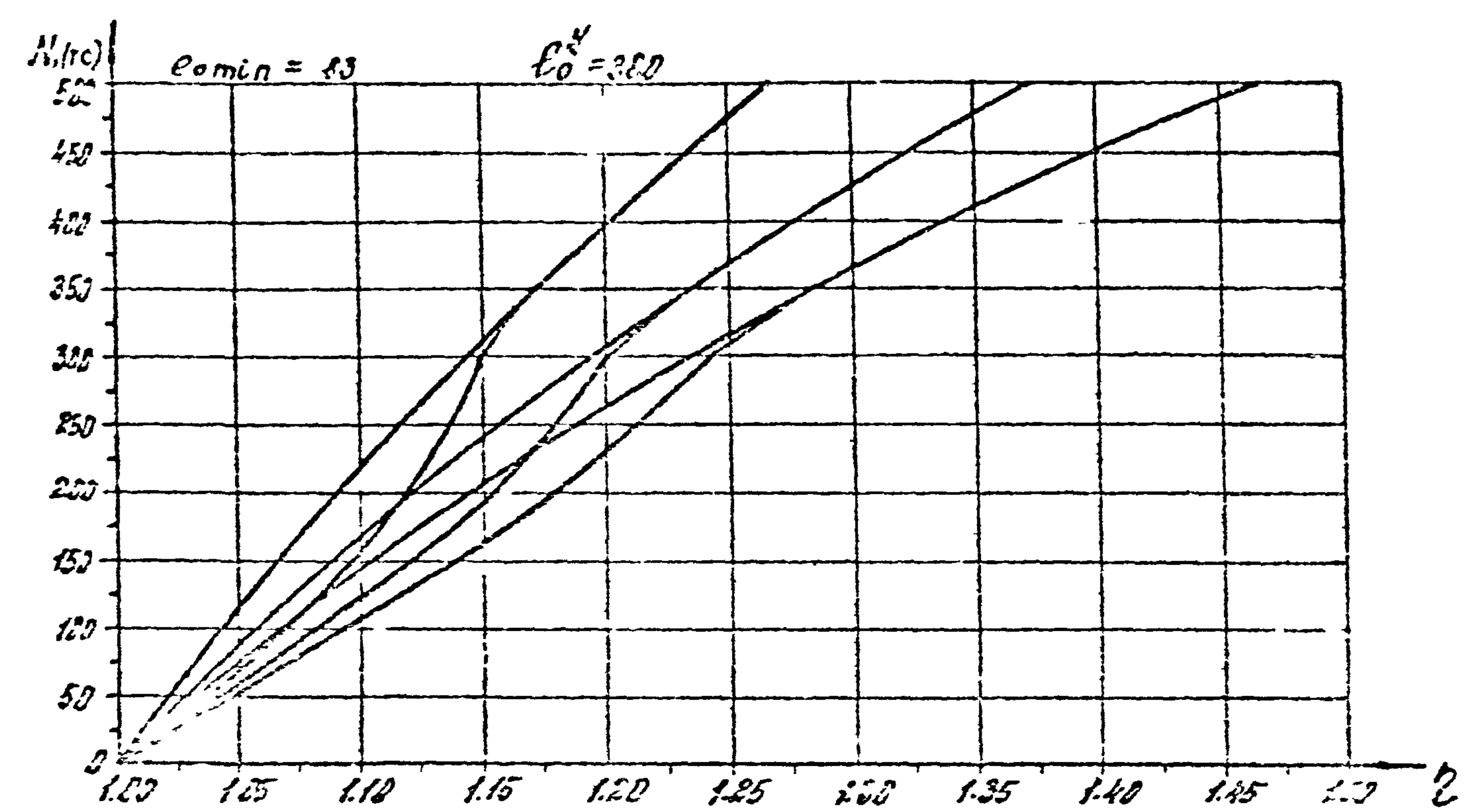
1.30
1.35
η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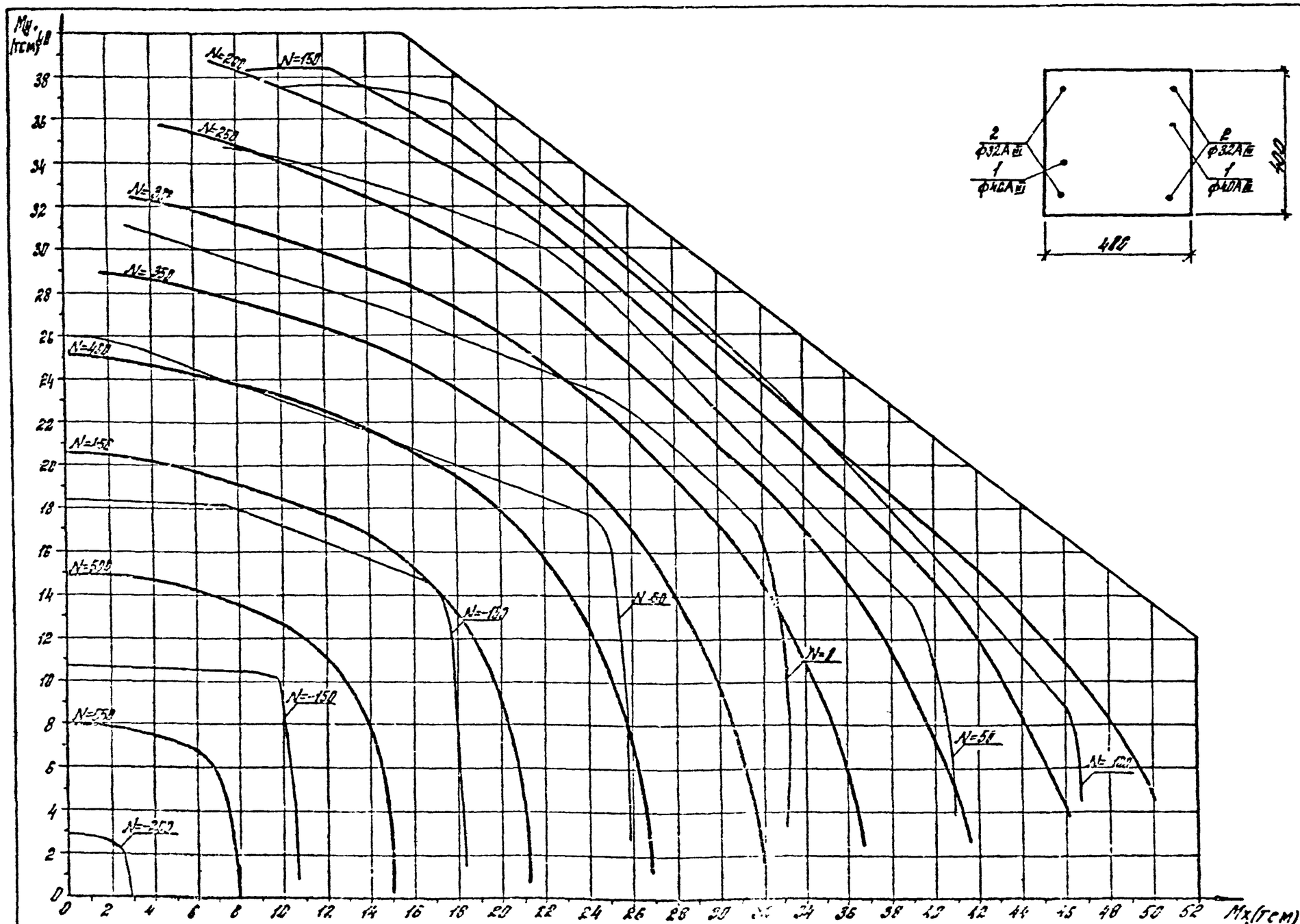

класс бетона В40 (R_b^c=245.4 кгс/см² при учете γ_{b2}=1.10)

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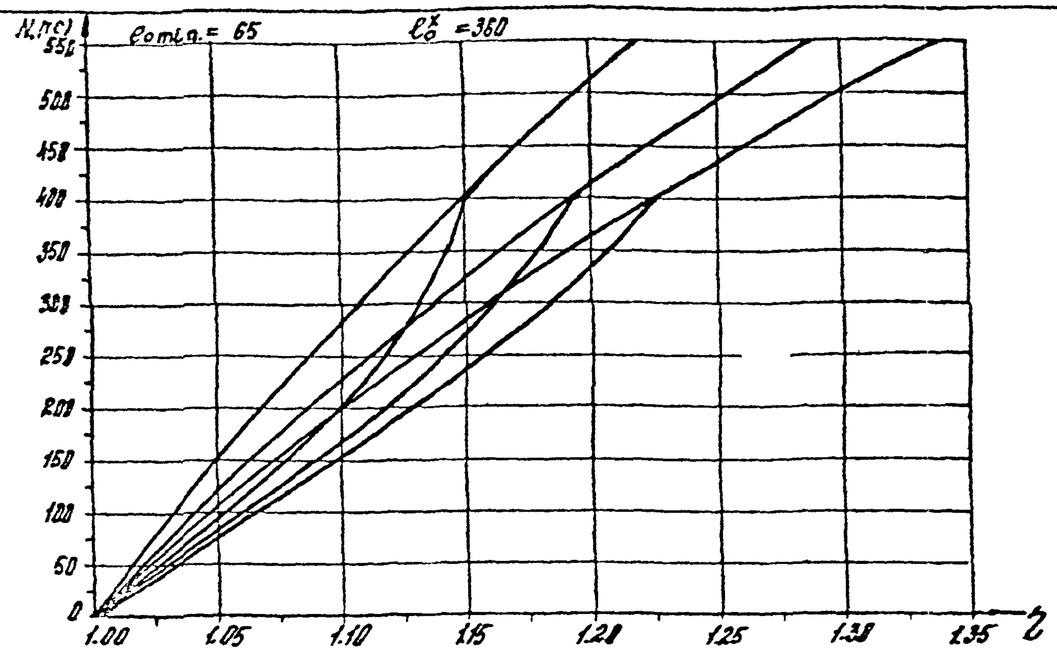
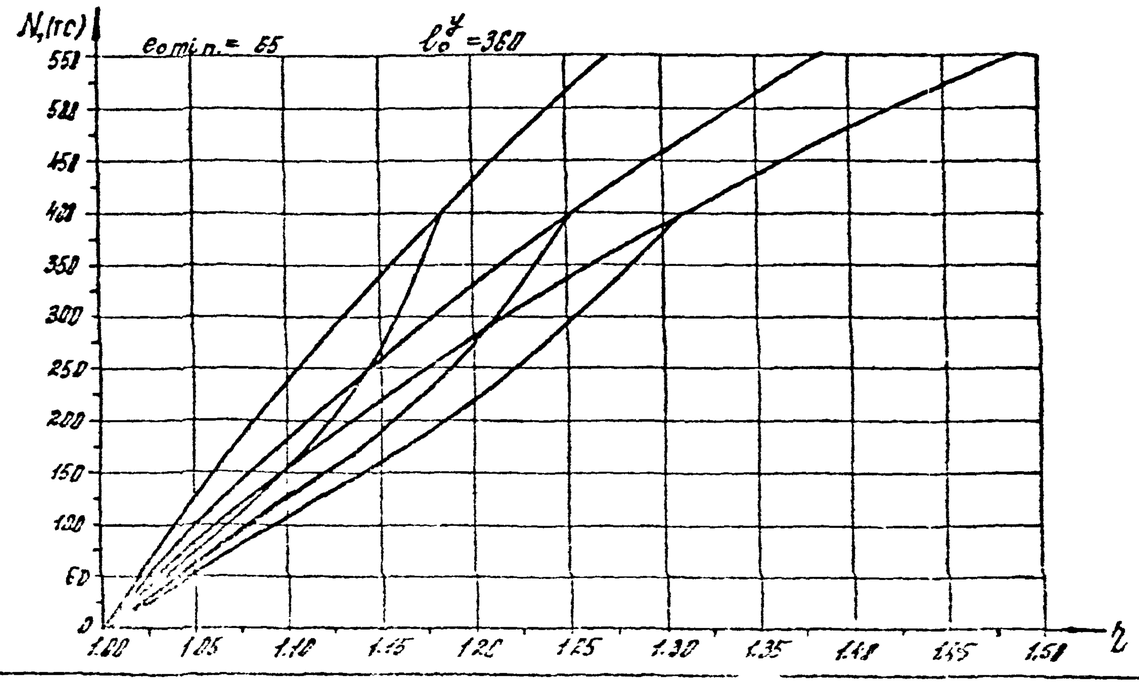
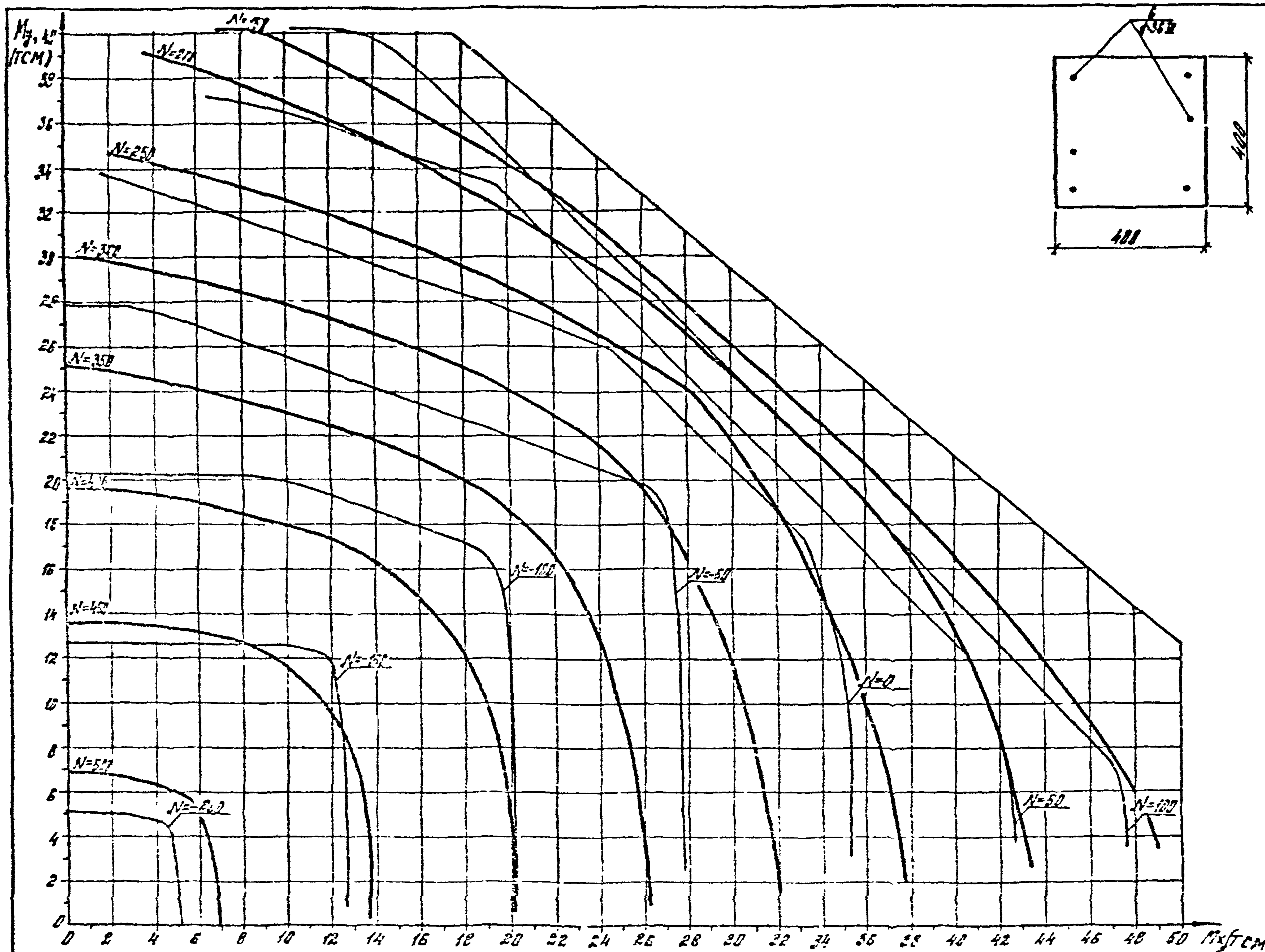
Лист 109

Вх. 32829 л. 116



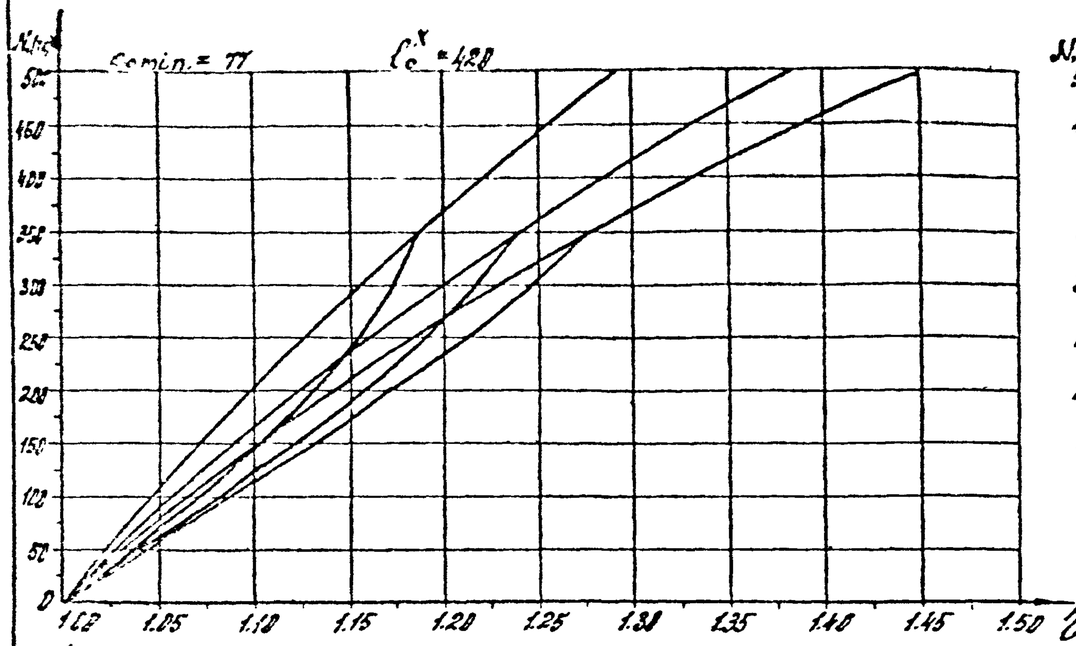


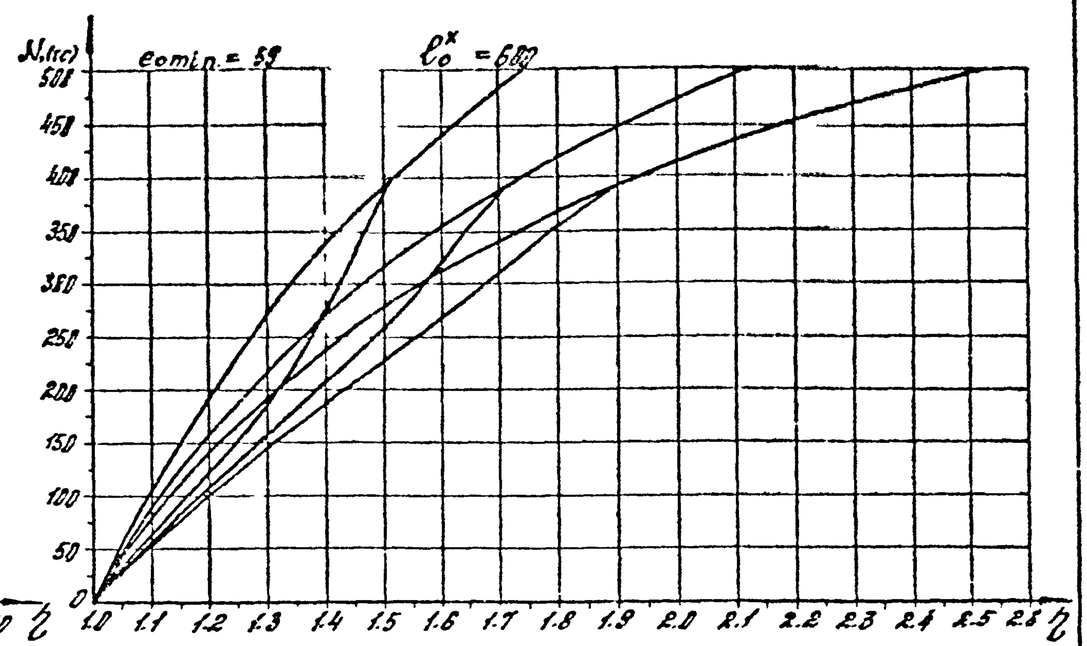
Вх. 32829 л.117

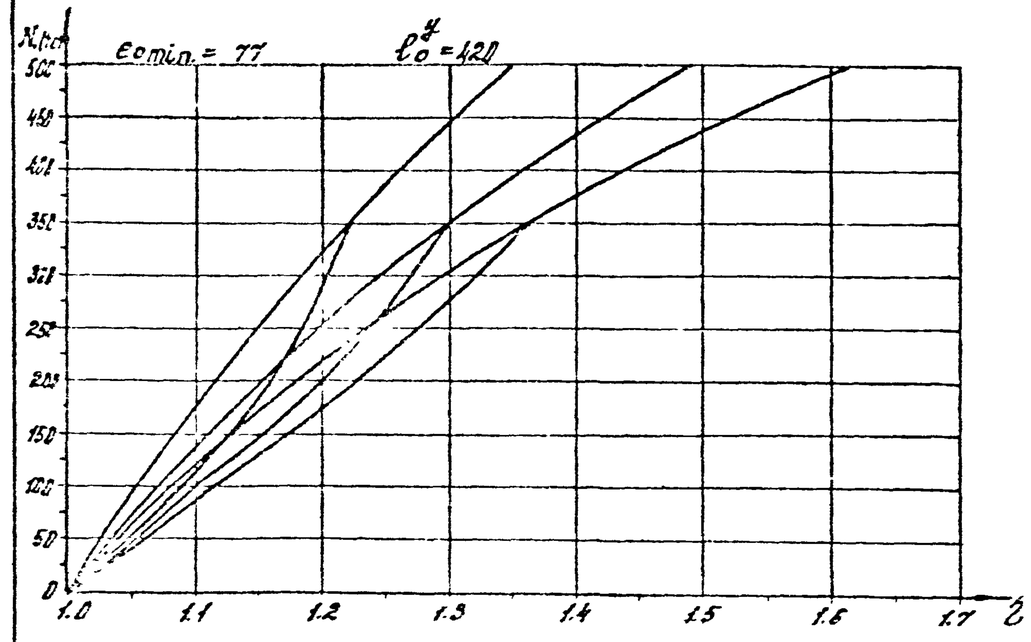


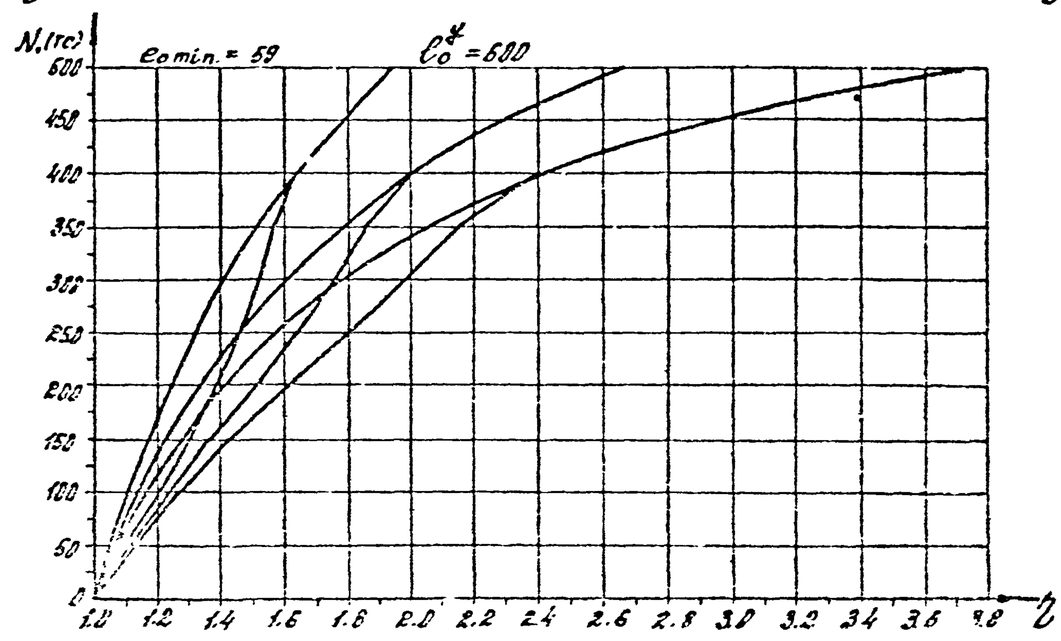
Вх. 32823 л.118

класс бетона В40 (Rb=201,6 кгс/см² при учете γb2=0,9)

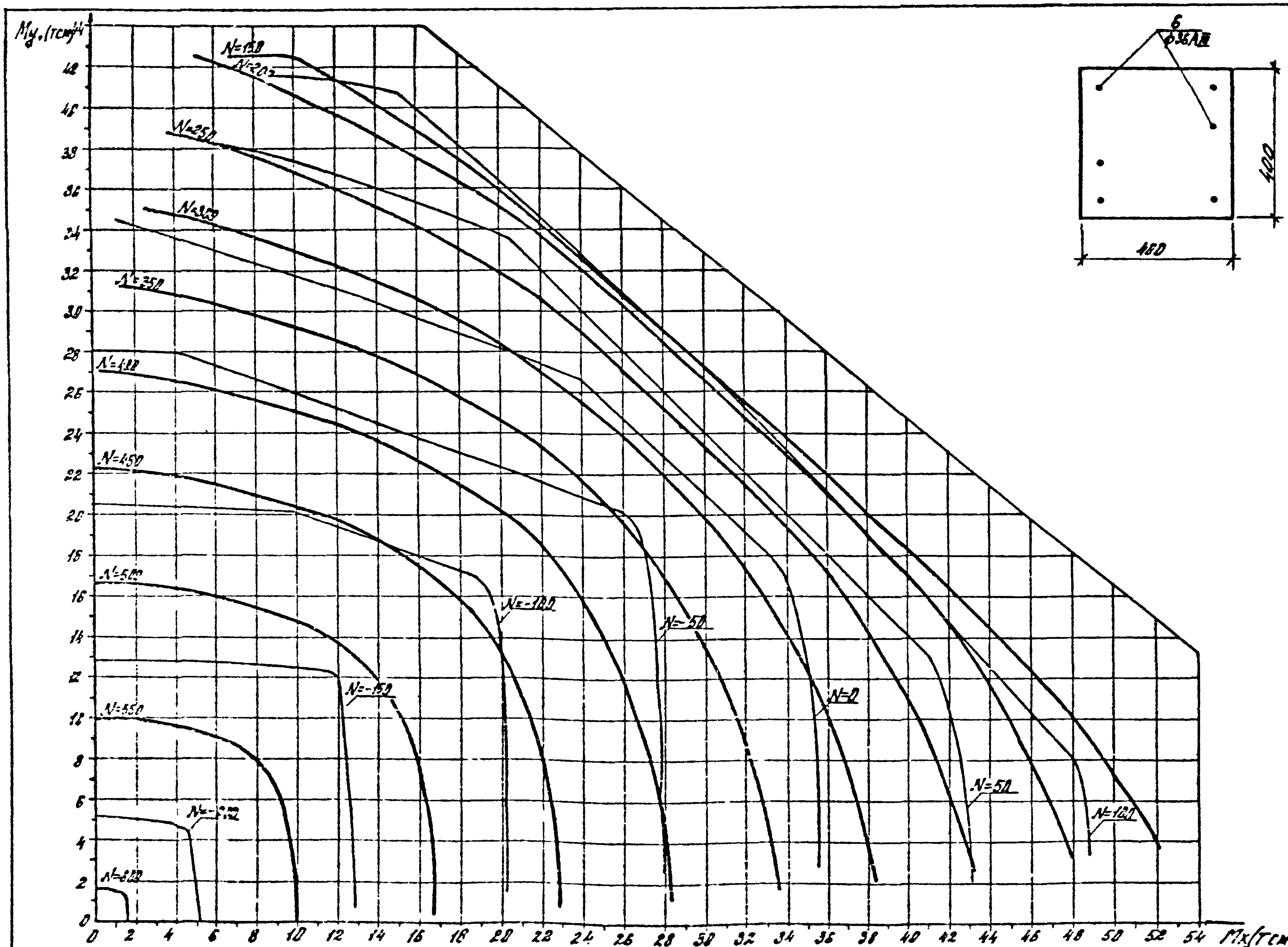






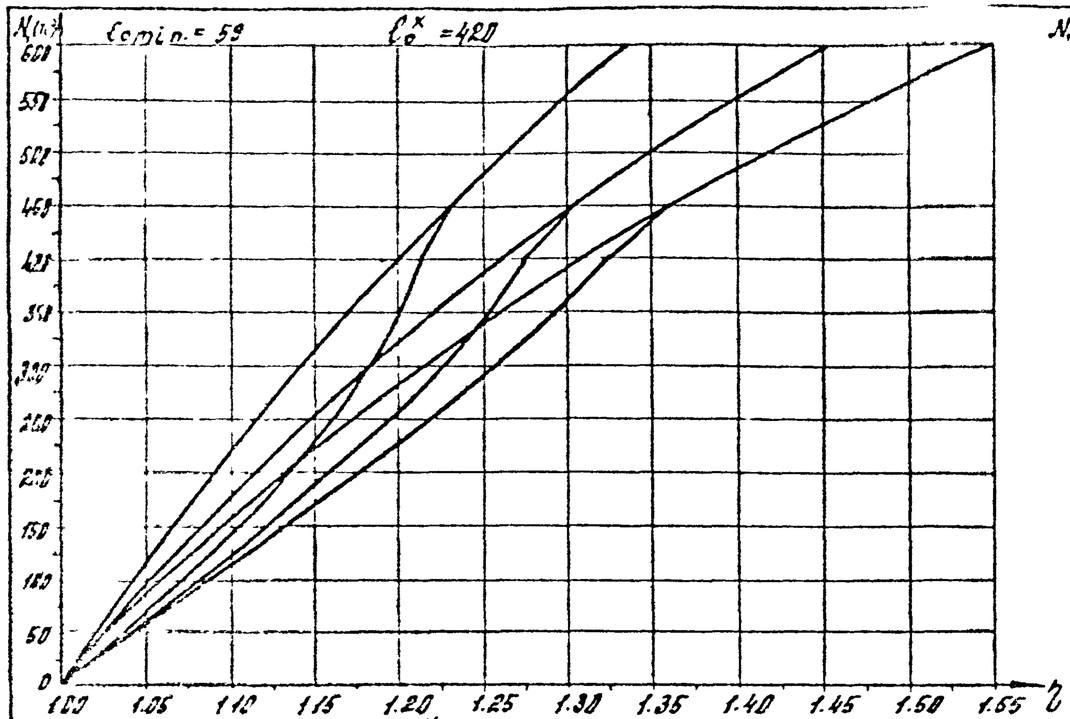


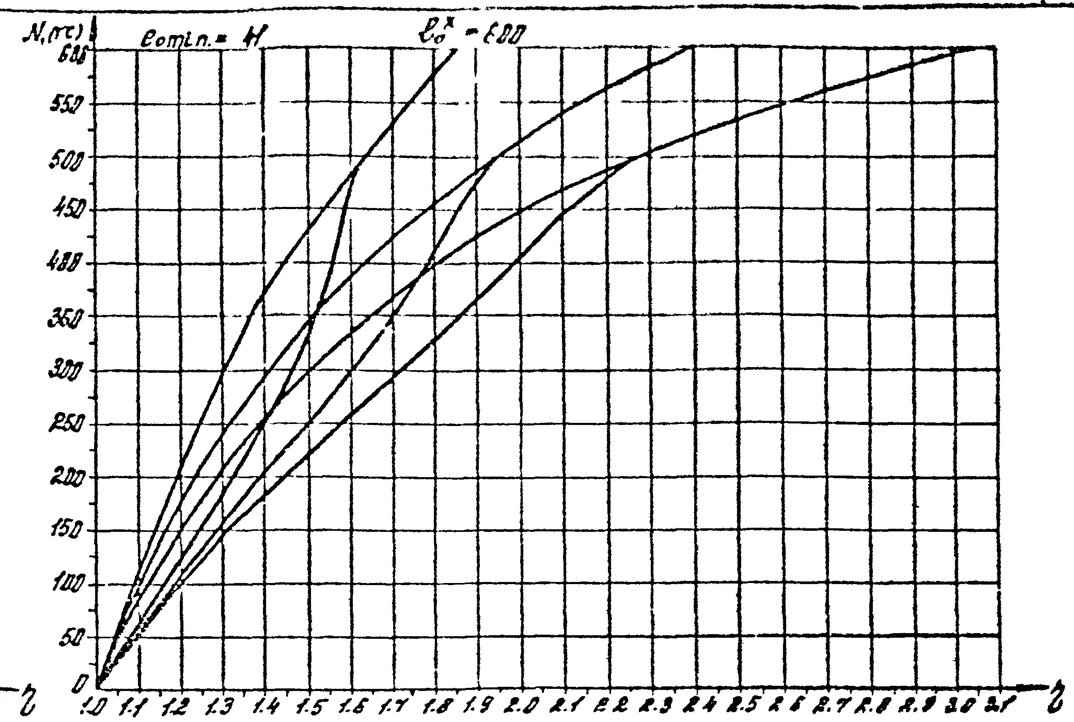
Вх. 32829 л.119

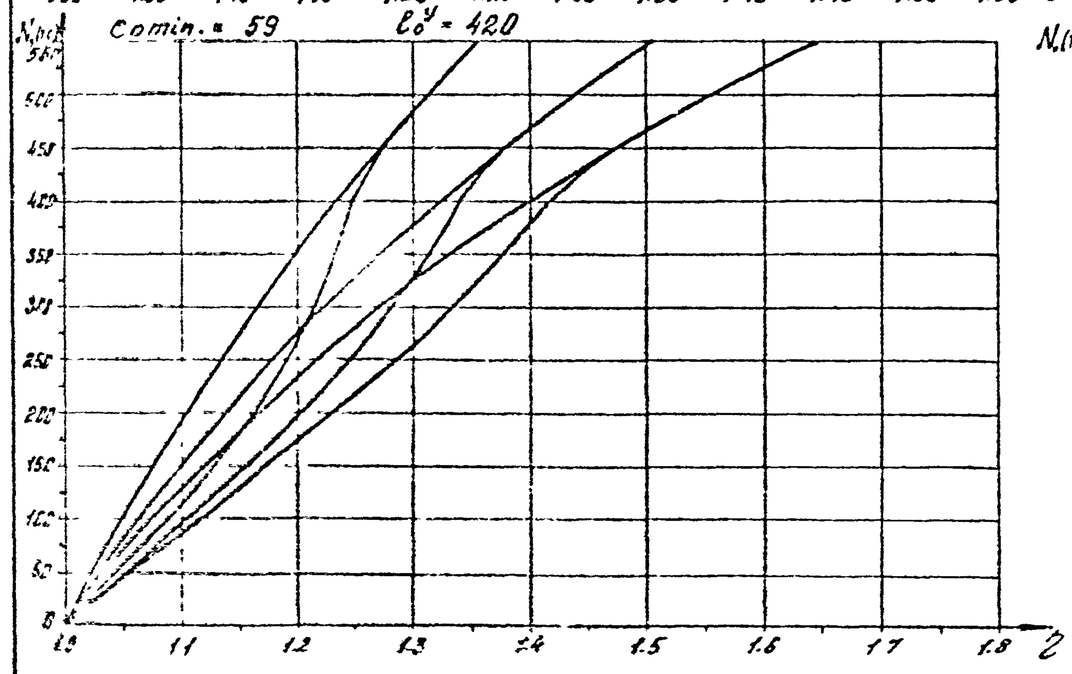


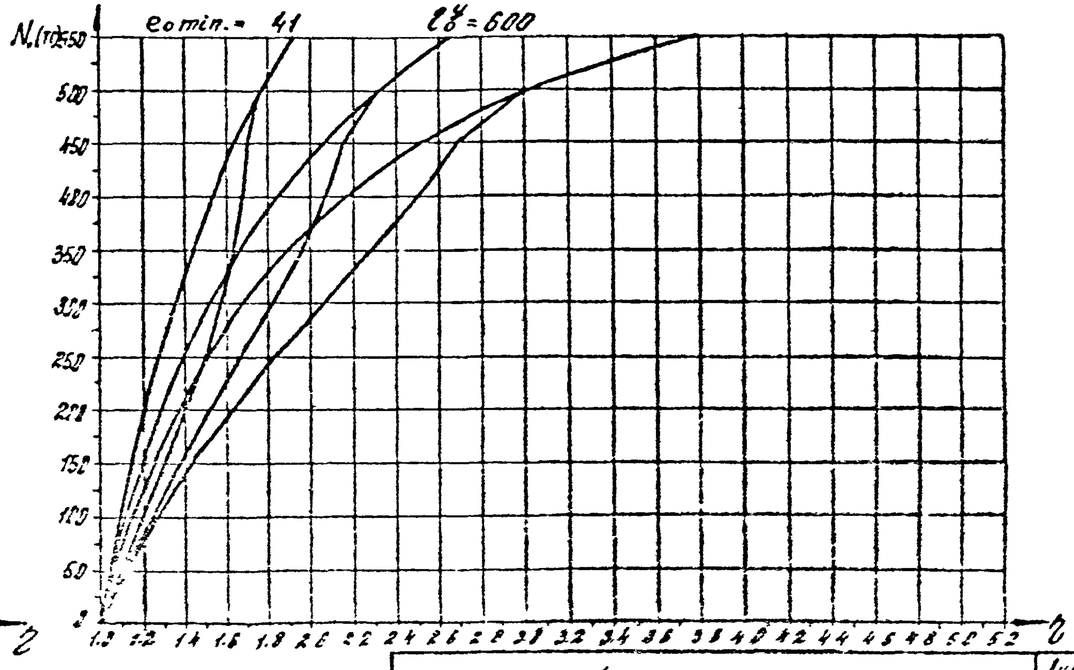
Класс бетона В40 (RВ=246.4кгс/см² при учете γ_{B2} = 1.10)

Вх.32829 Л.120









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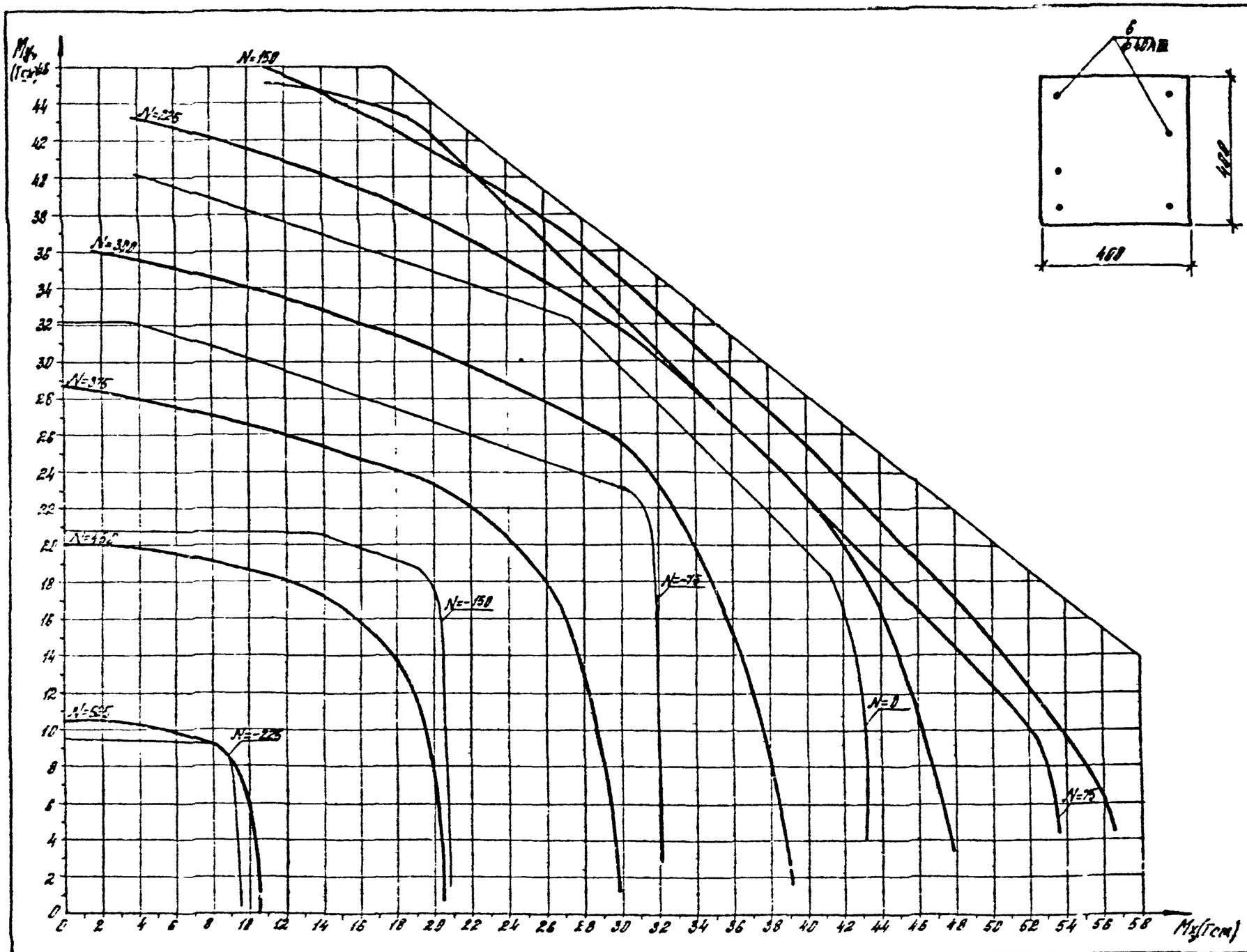
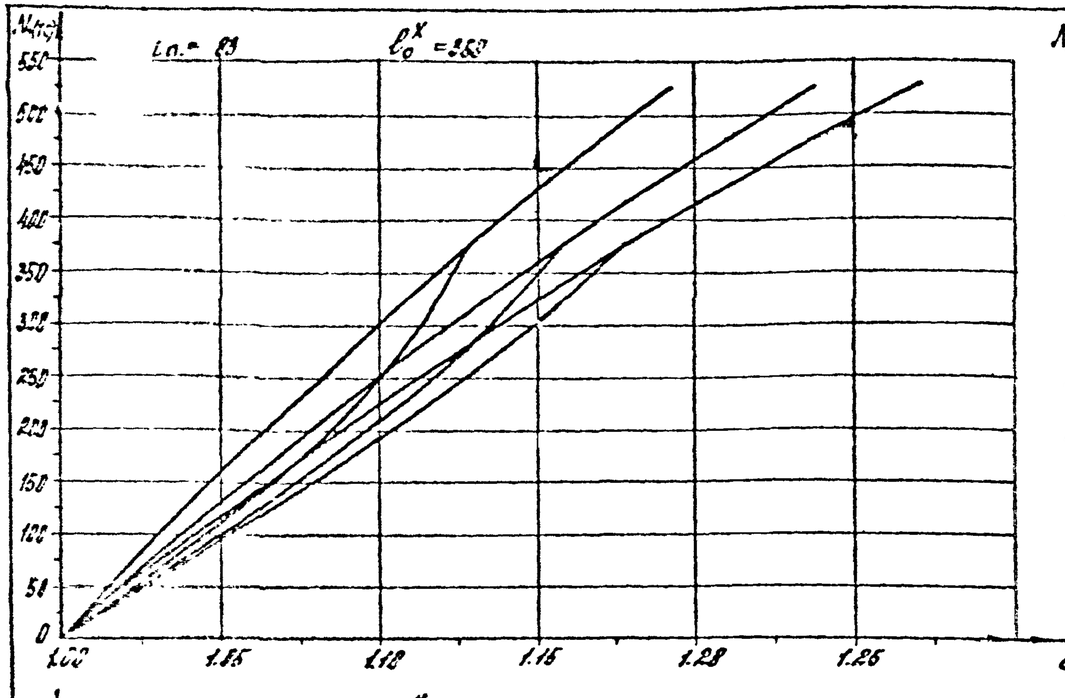
Лист 114

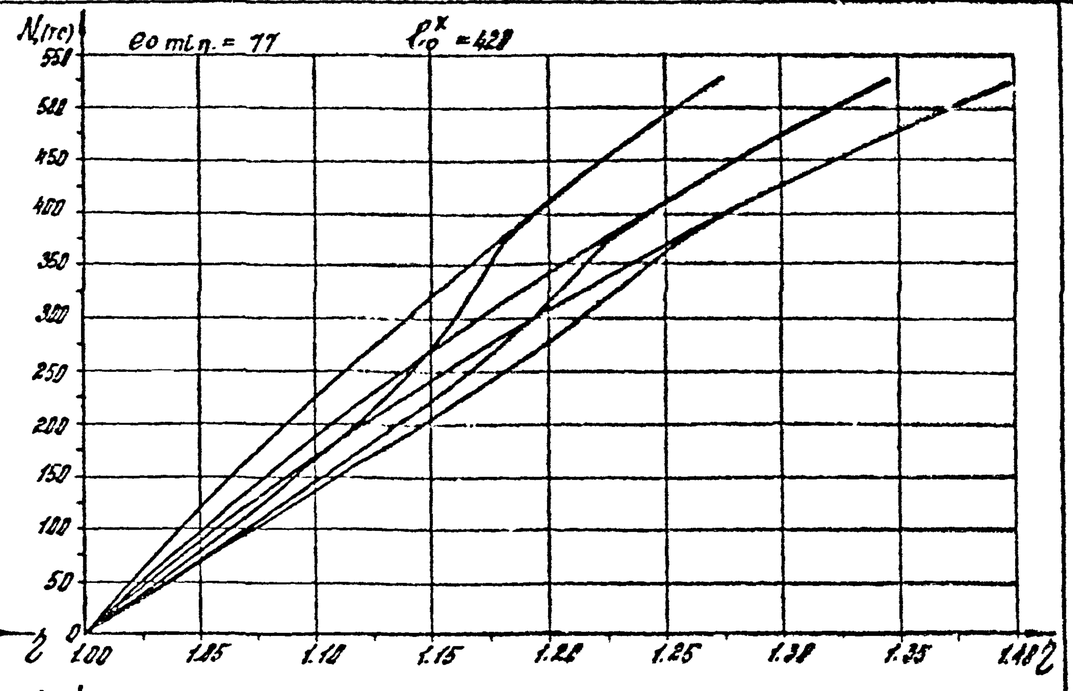
Вх. 32829 л.121

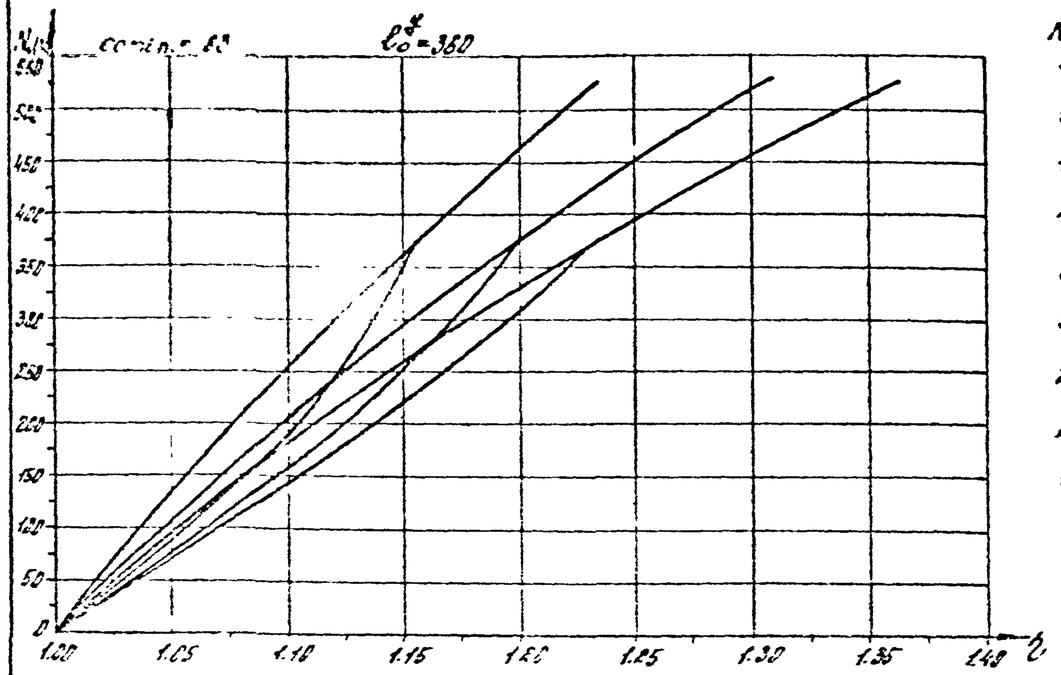


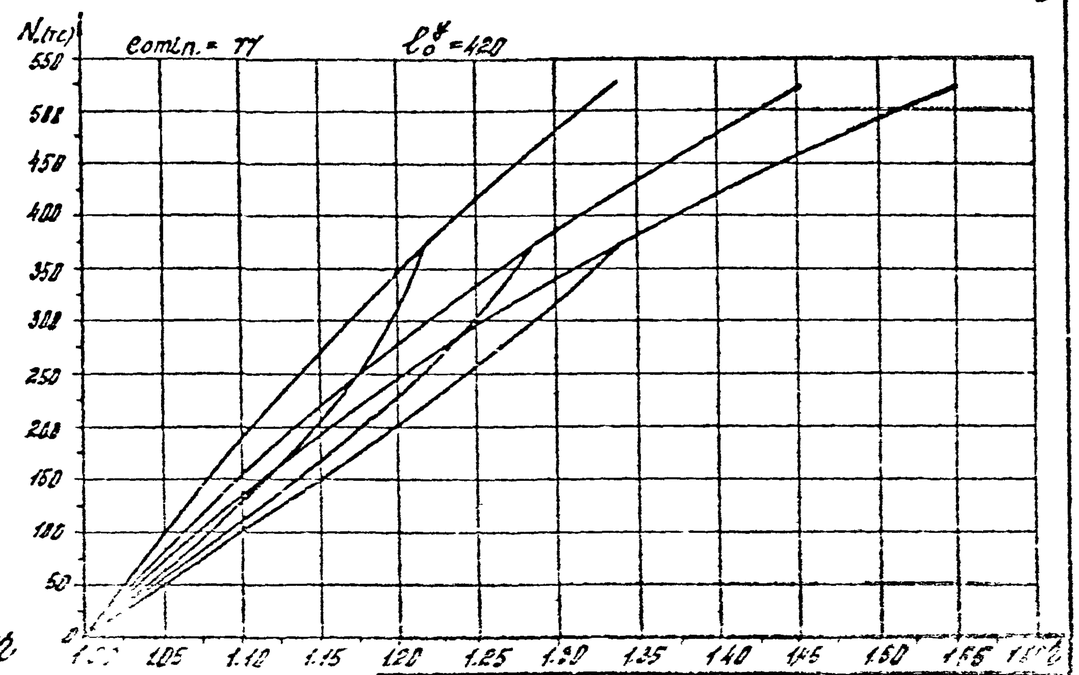
Вх. 32829 л.122

класс бетона В40 (Rb=201.5 кгс/см² при учете (γb2=0,9)









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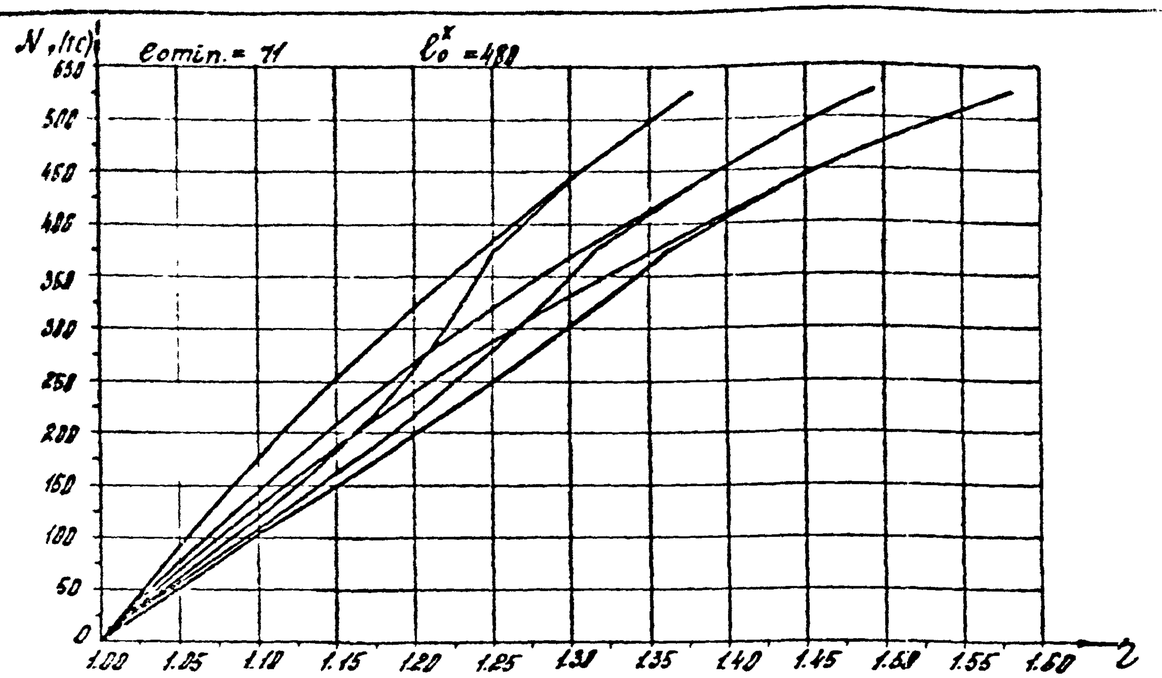
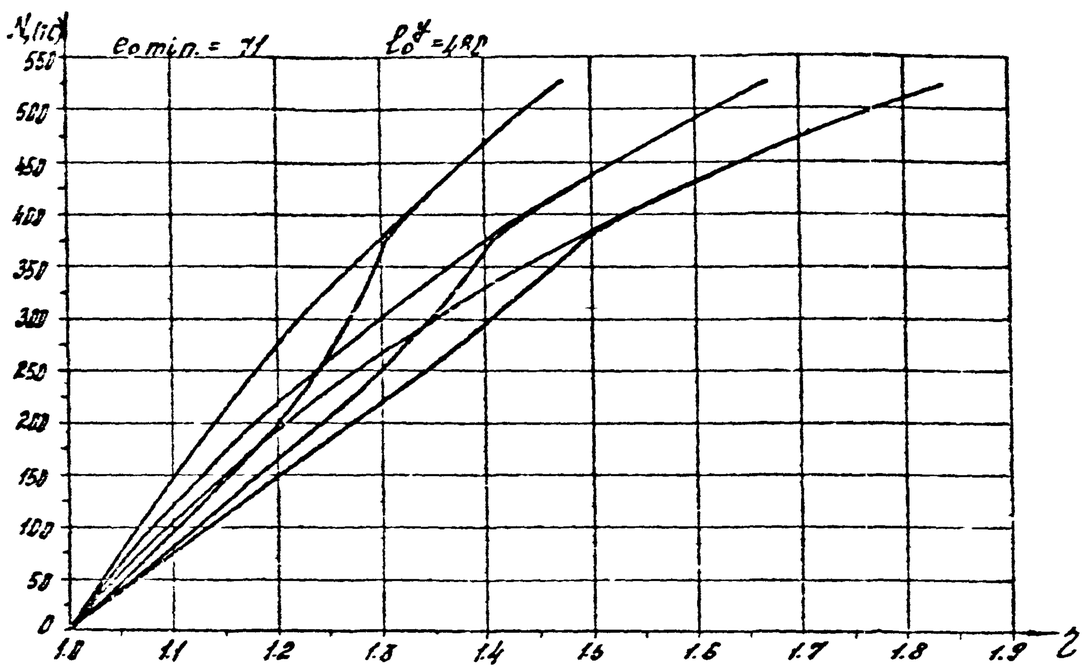
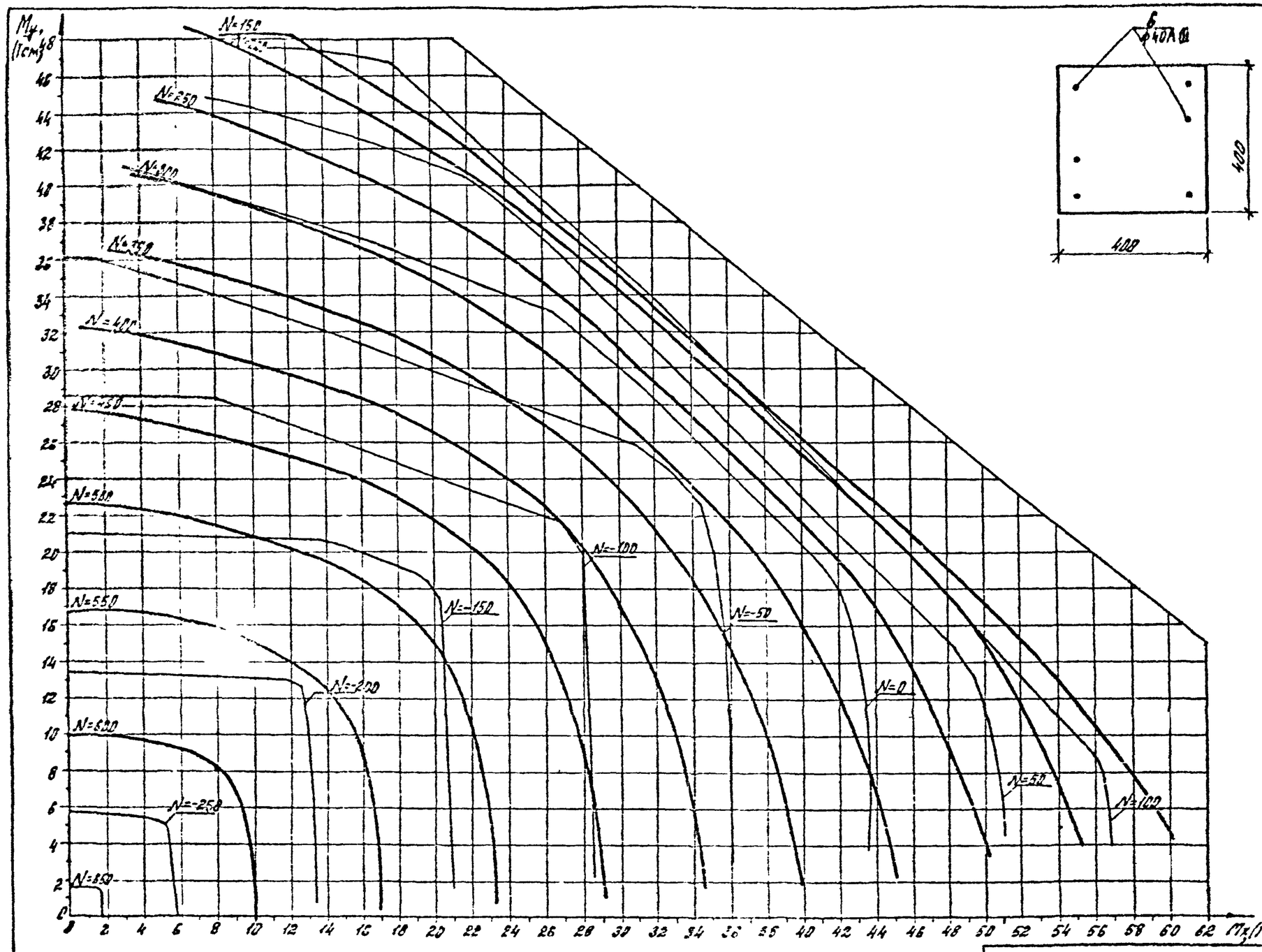
Вх. 32829 А125



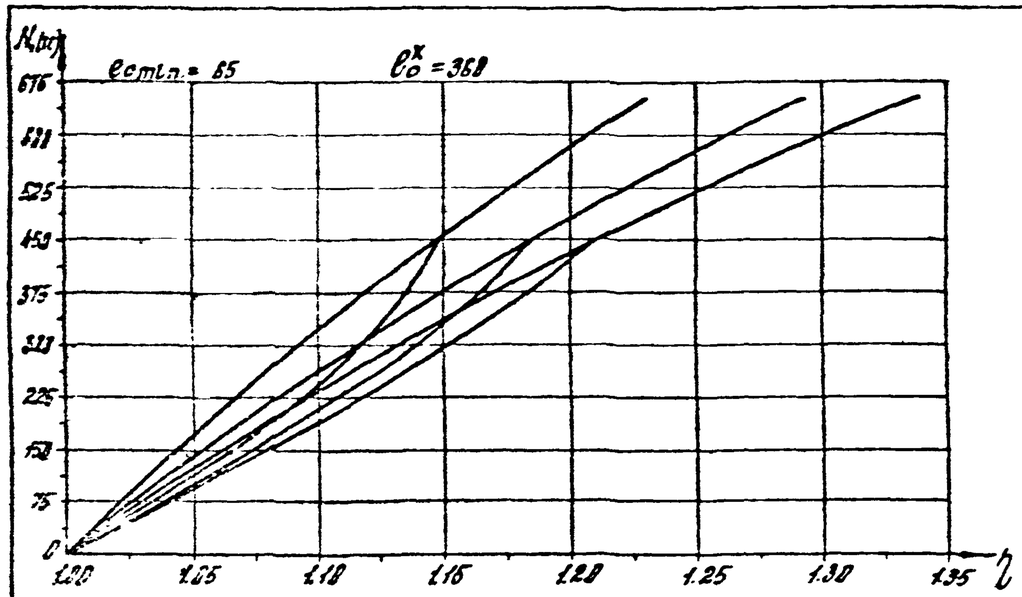


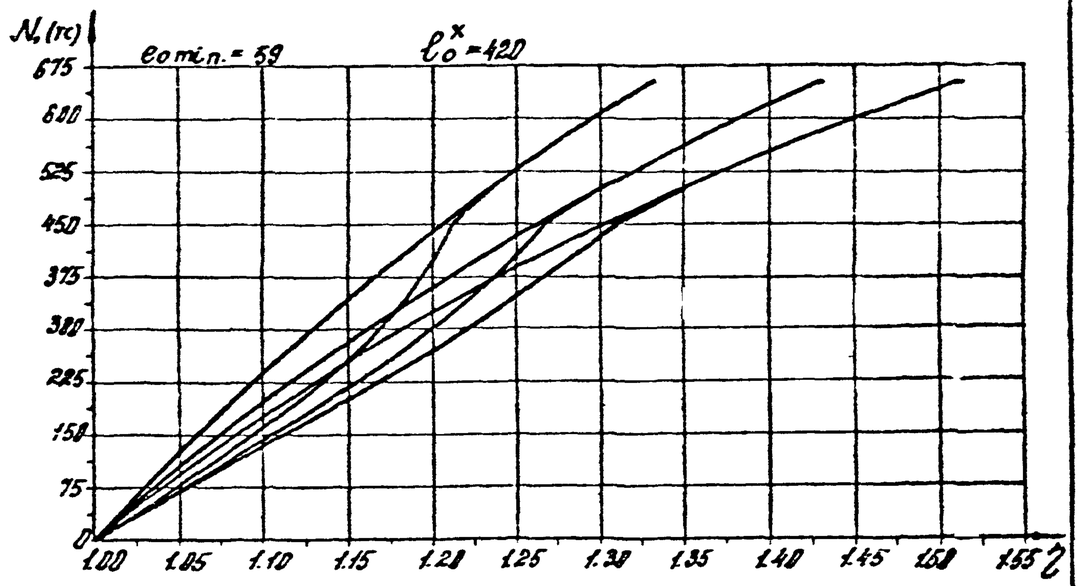
Вх. 32829 л.124

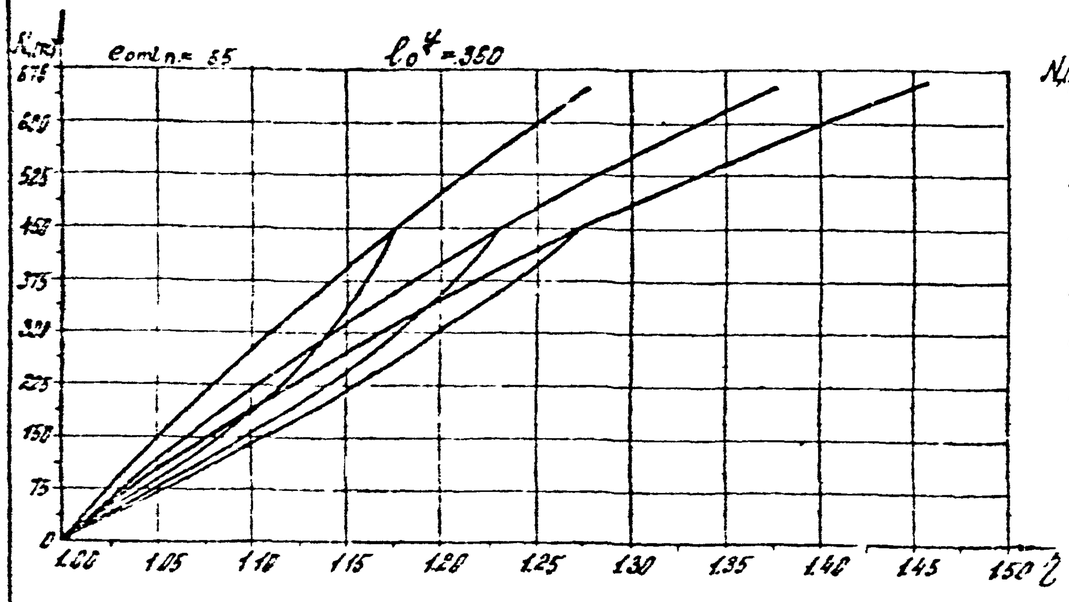


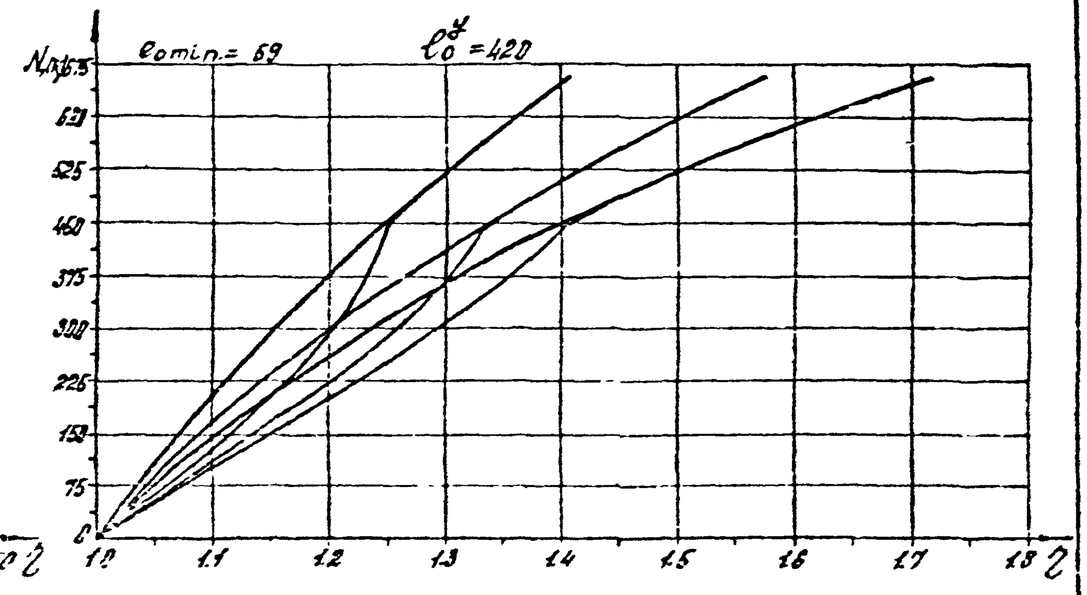
Вх. 32829 л.125

Класс бетона В40 (R_b=246.4кгс/см^2 при учете γ_{b2}=1.10)

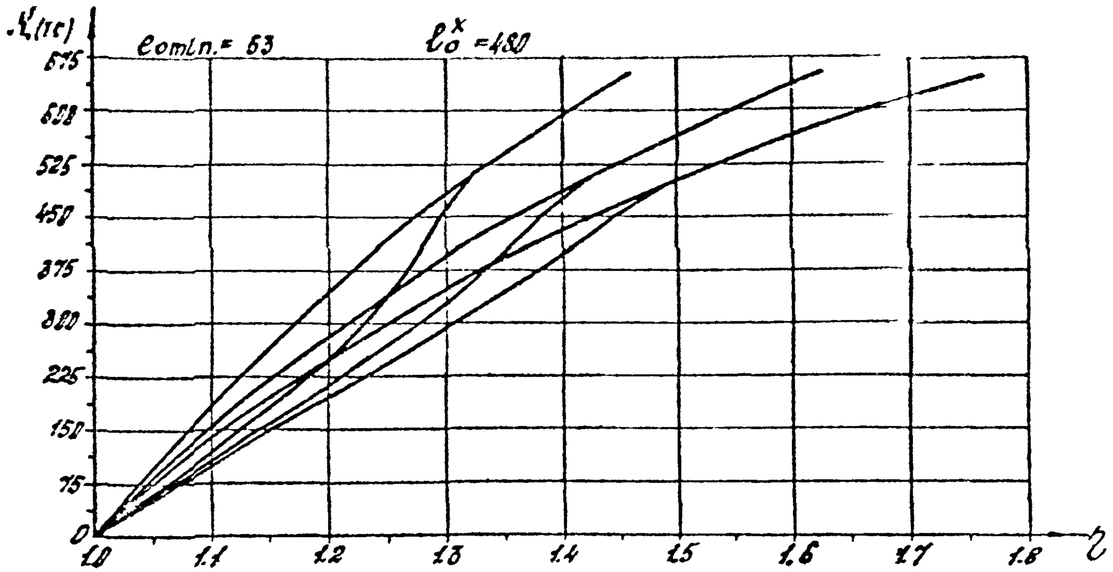


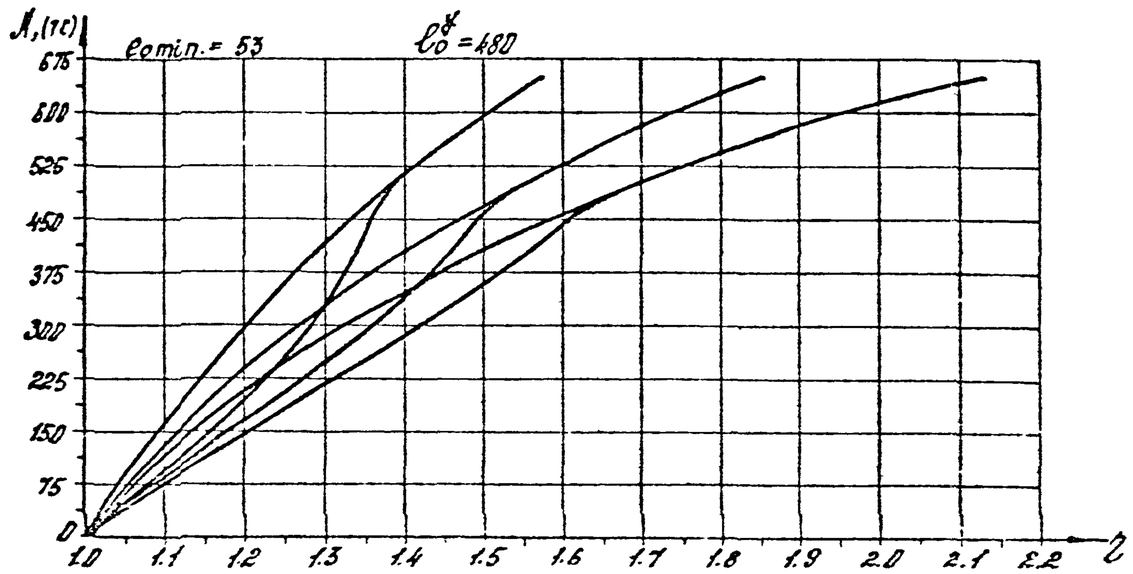




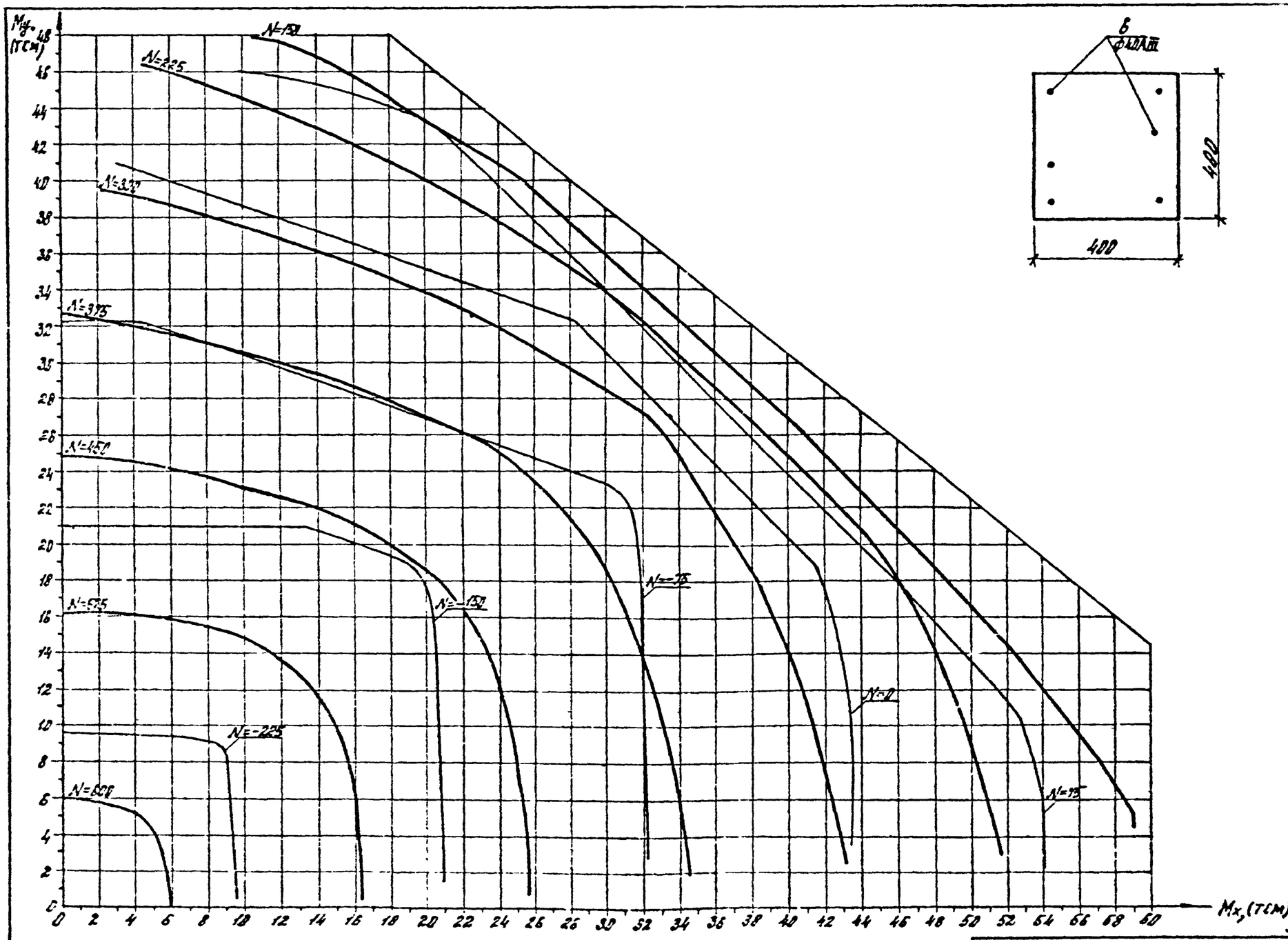


Вх. 32829 л. 126





Вх. 32829 л.127



Вх. 32829 л. 128

Класс бетона В45 (R_b=229.5 кгс/см^2 при учете γ_{b2}=0,9)

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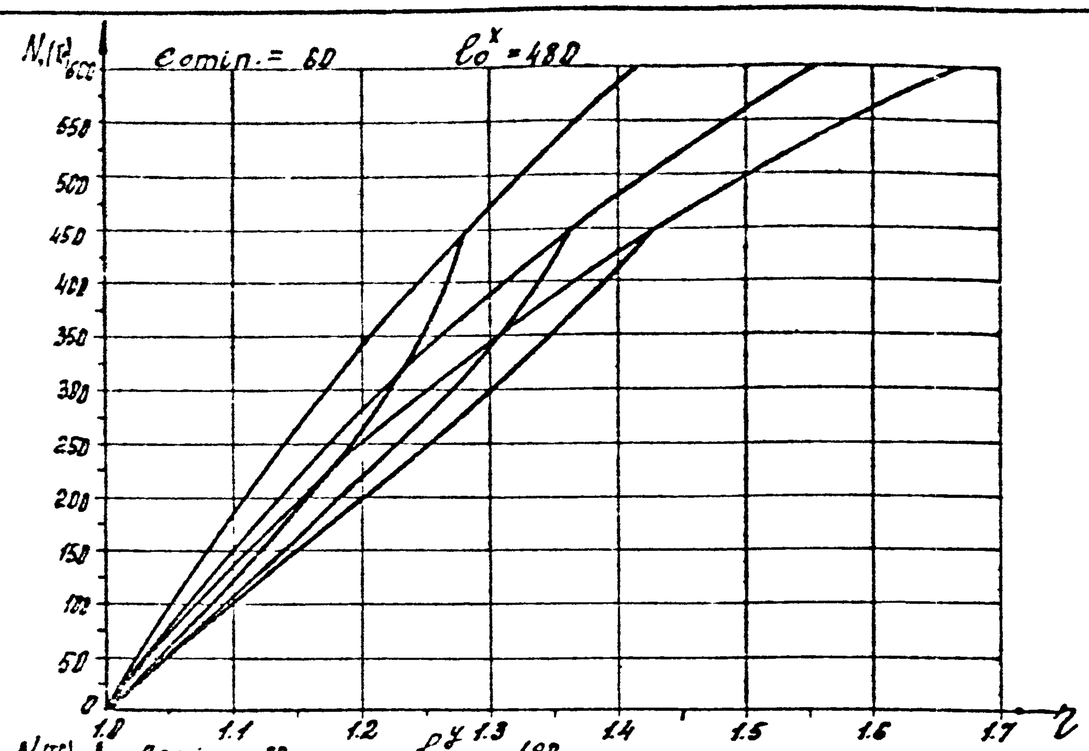
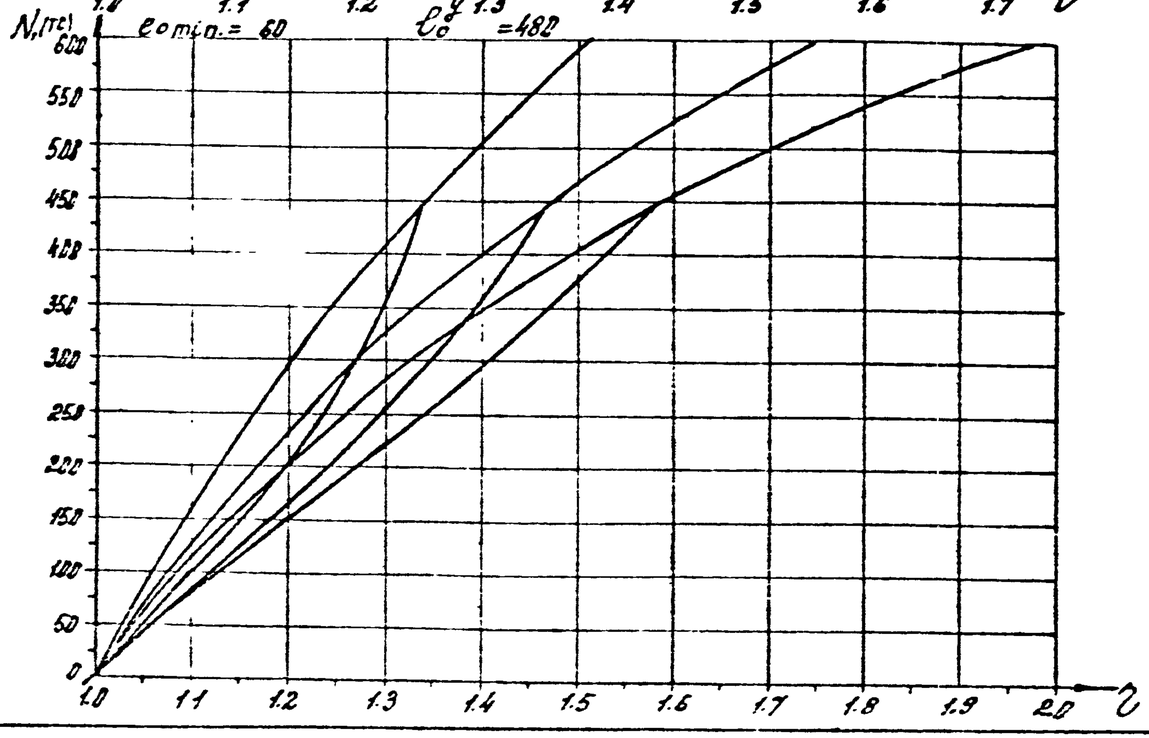
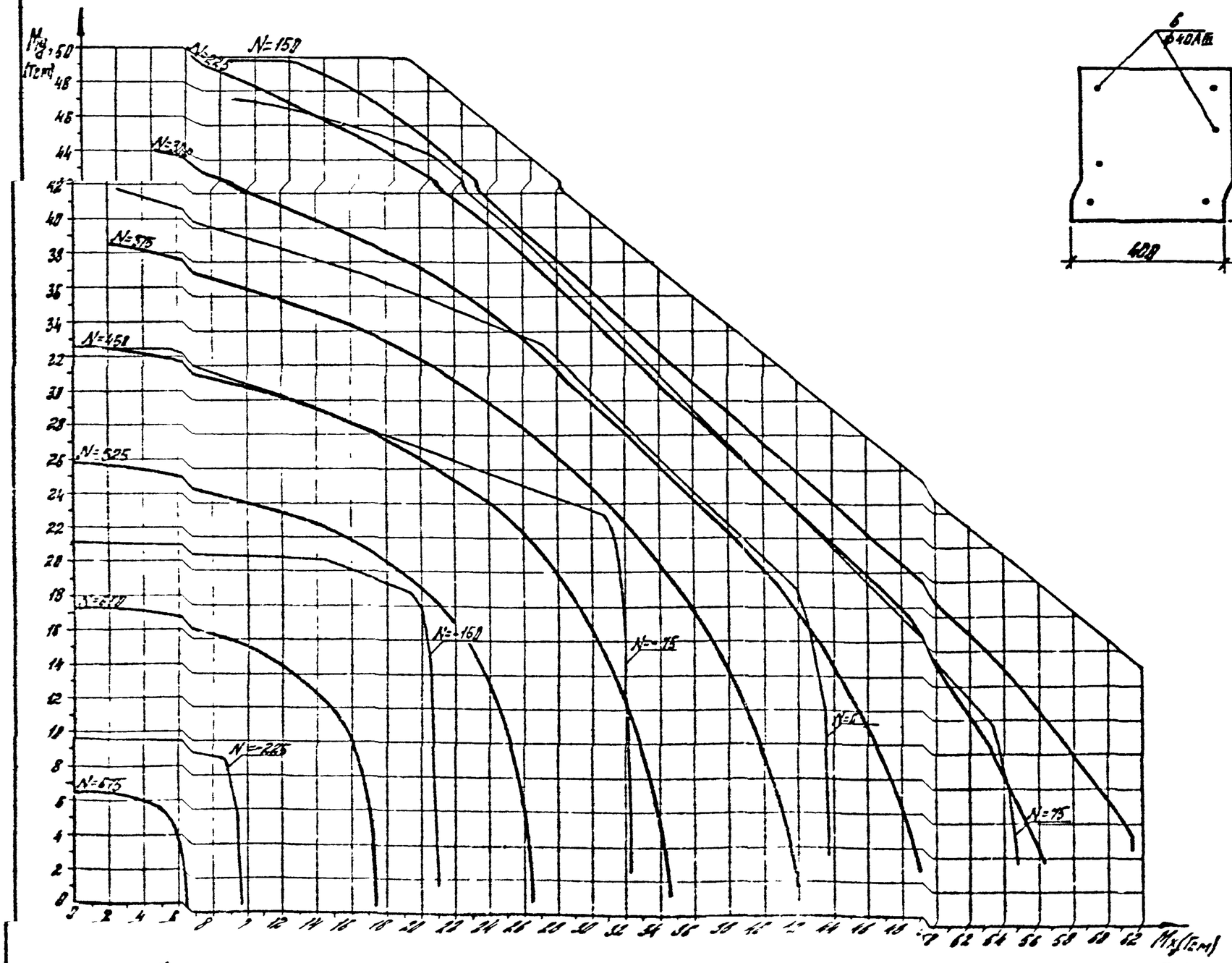
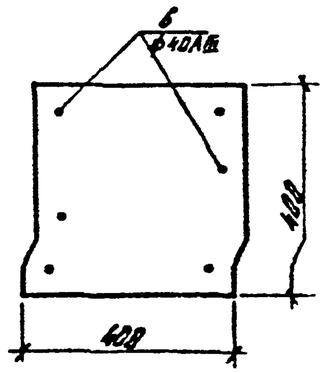
Лист 121





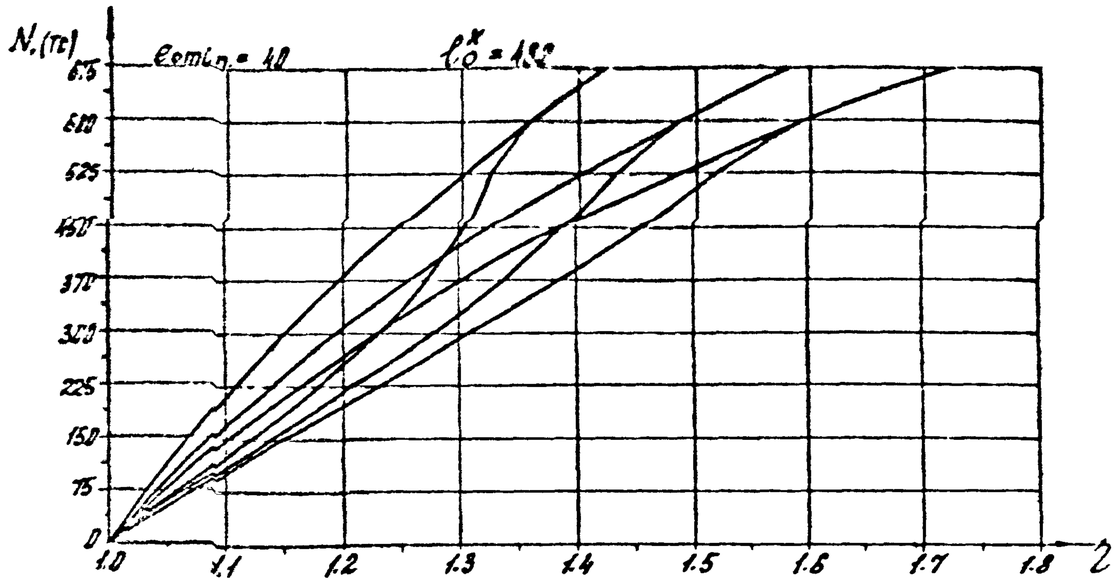
Инв. 32825 л. 129

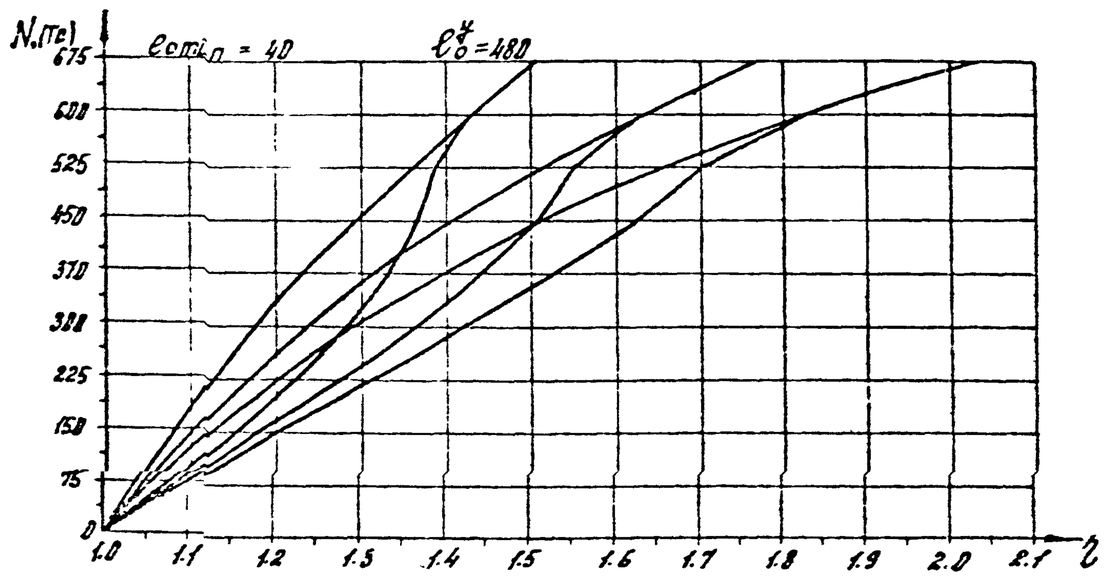




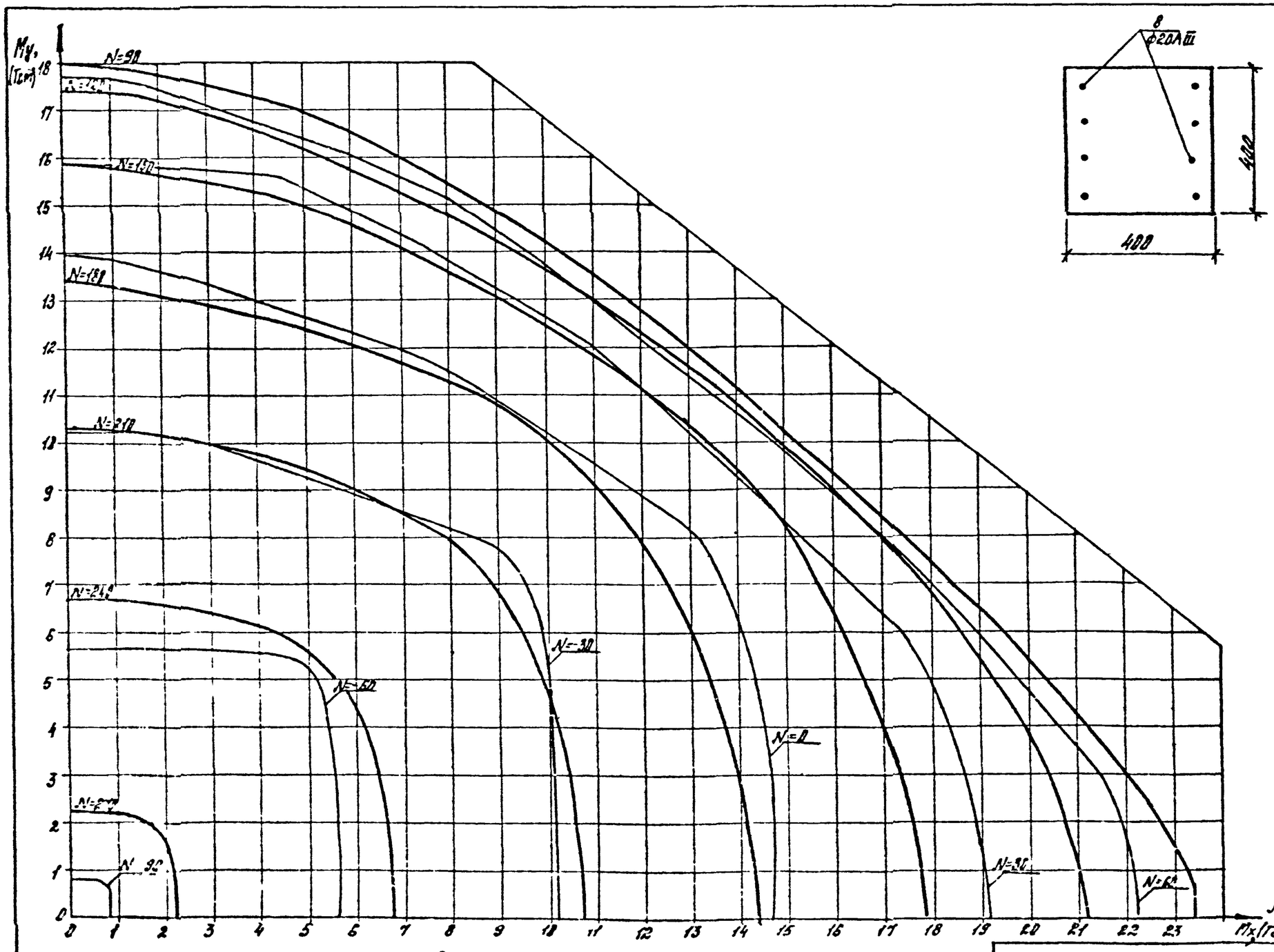
Класс бетона В45 (R_b=280.5 кгс/см² при учете γ_{b2}=1.10)

Вх. 32829 л. 130



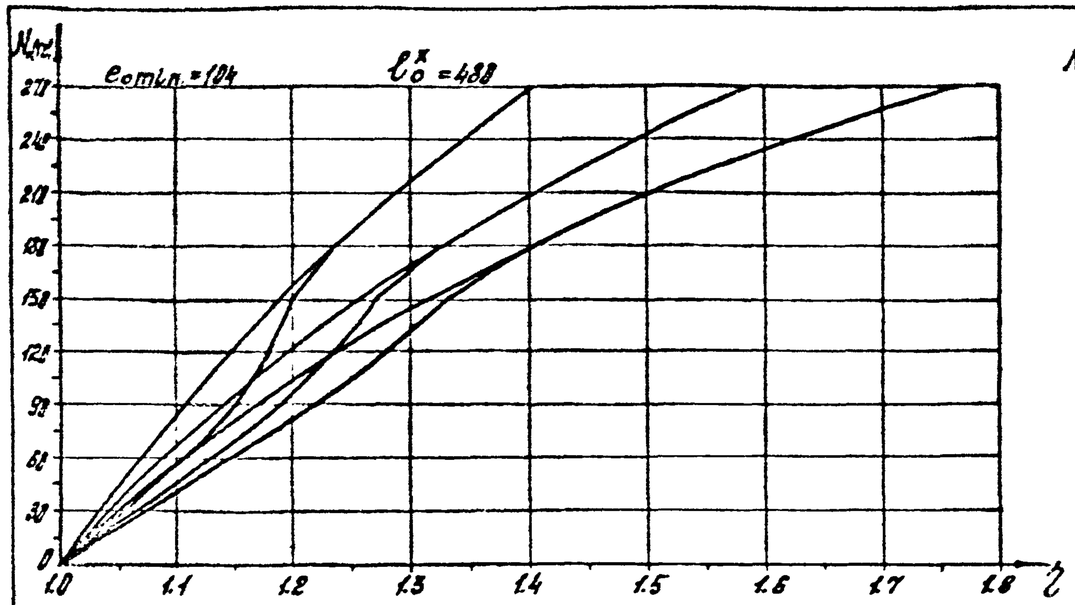


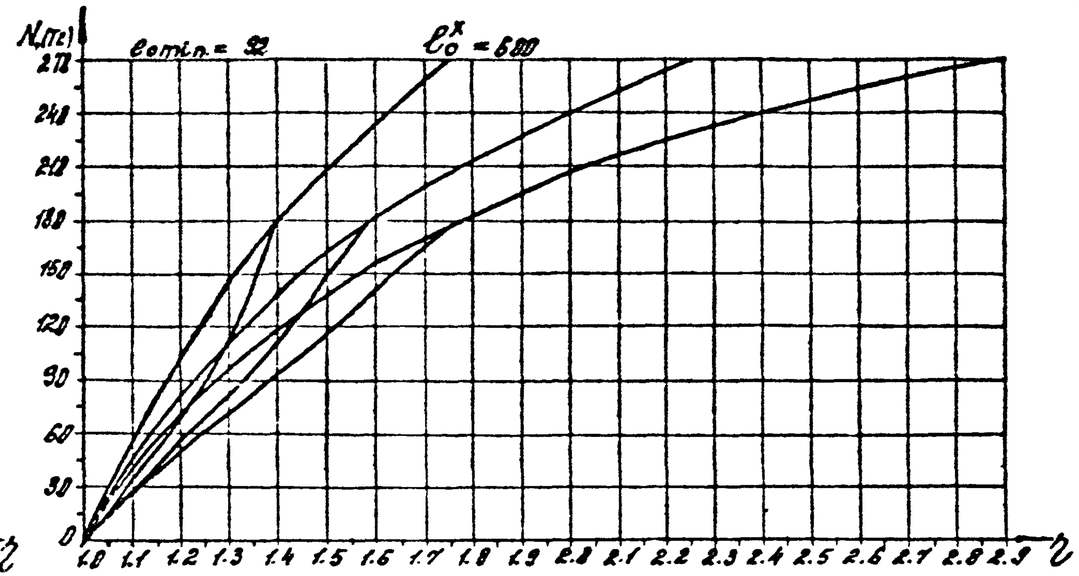
Вх. 32823 л. 131

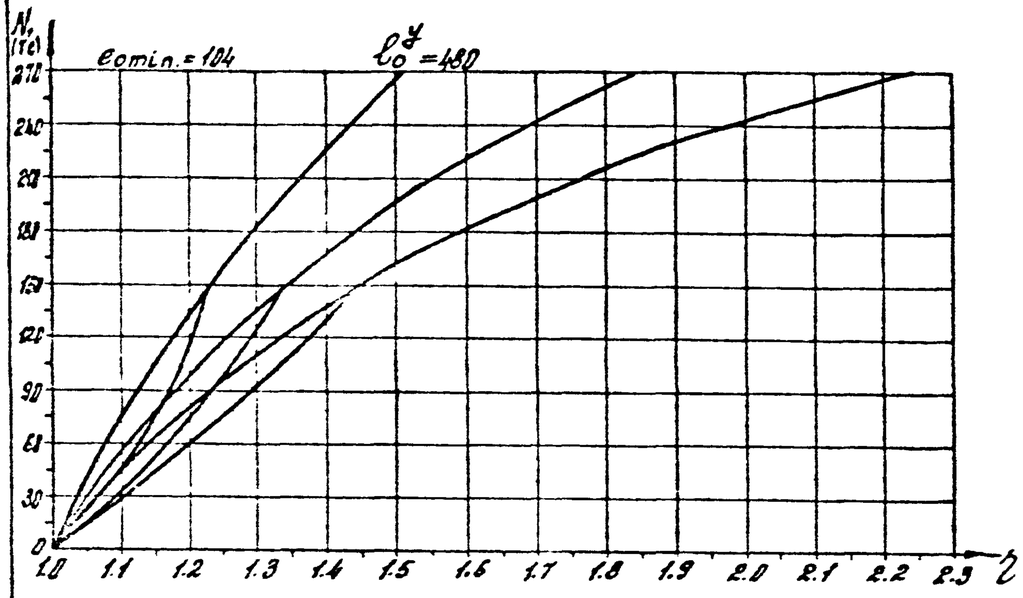


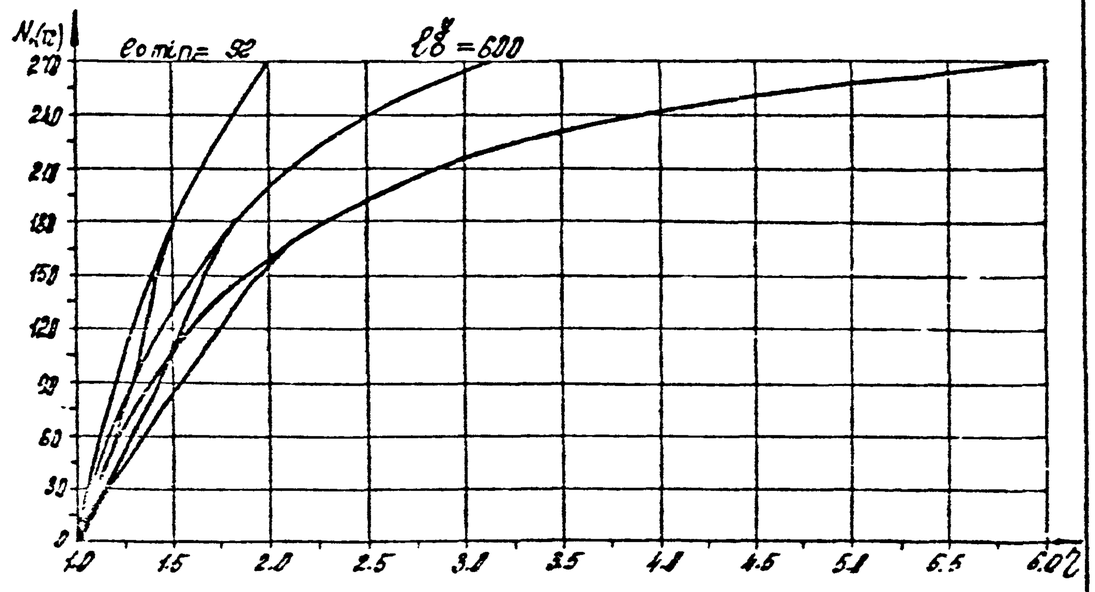
Вх 32829 л. 132

класс бетона В22,5 (R_b = 19,2 кгс/см^2 при учете γ_{b2} = 0,9)

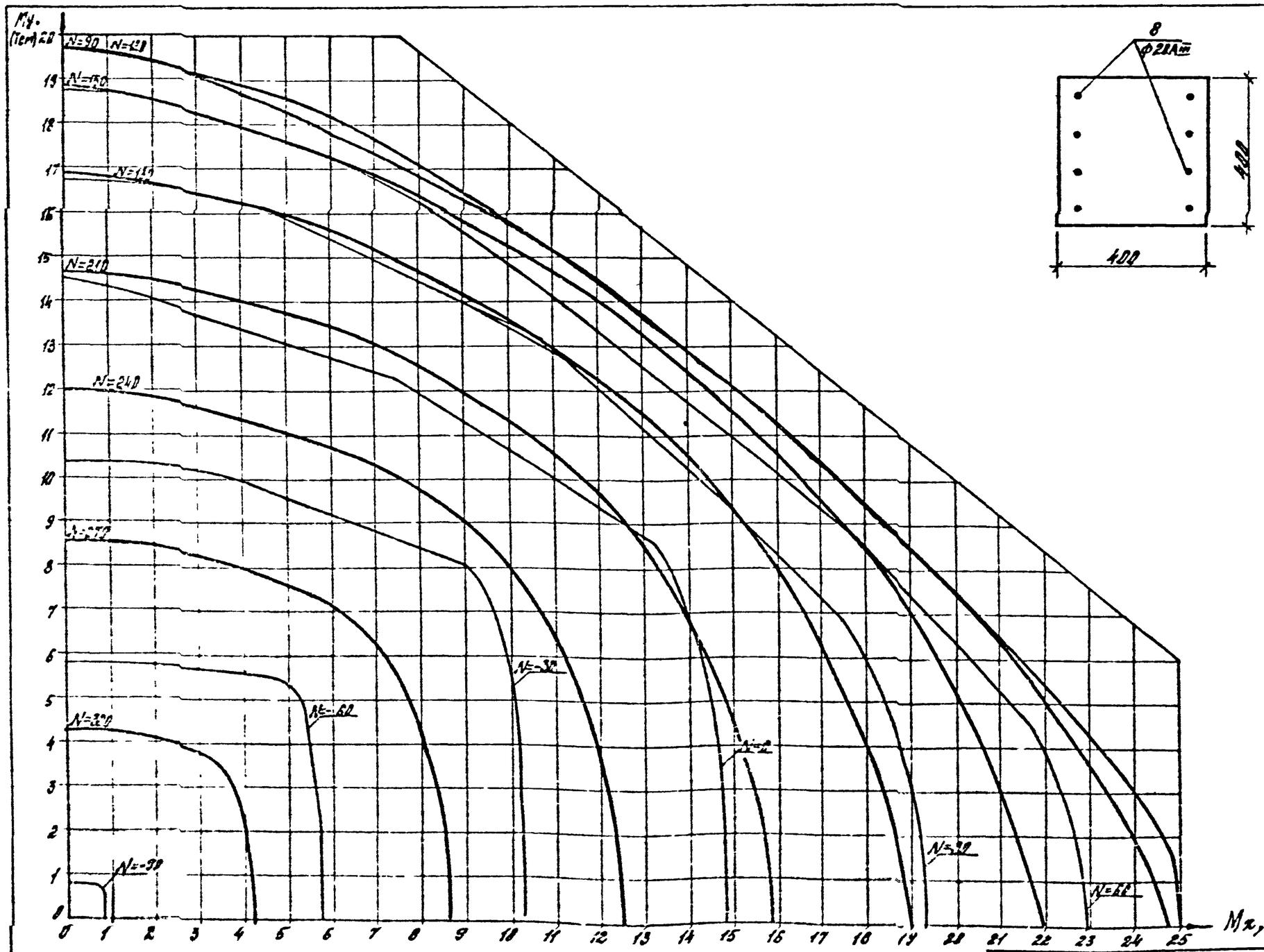






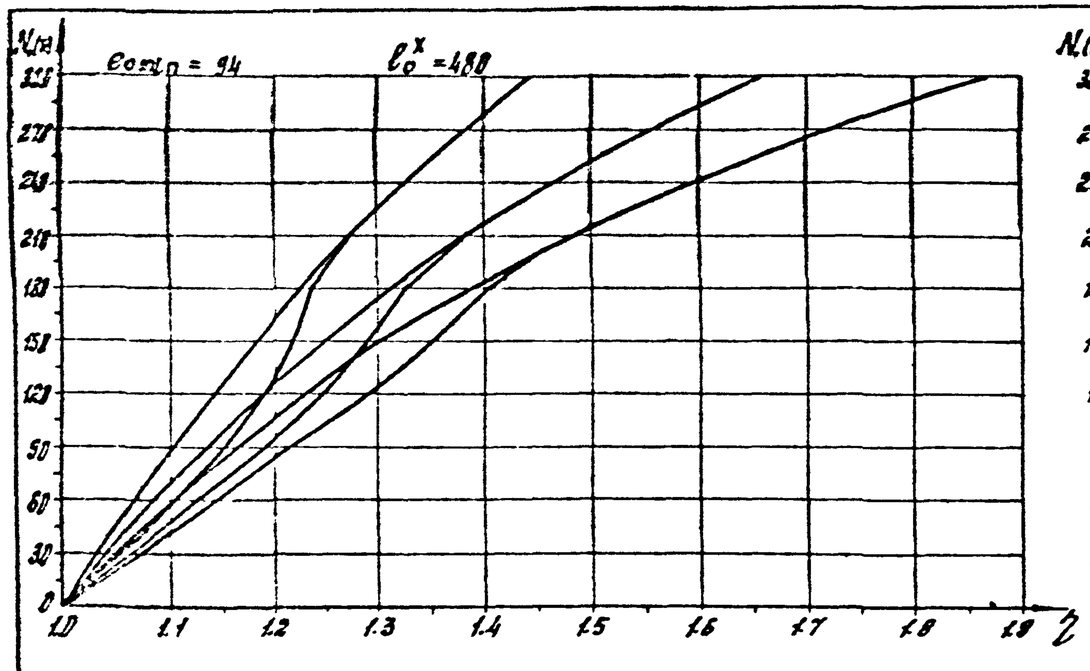


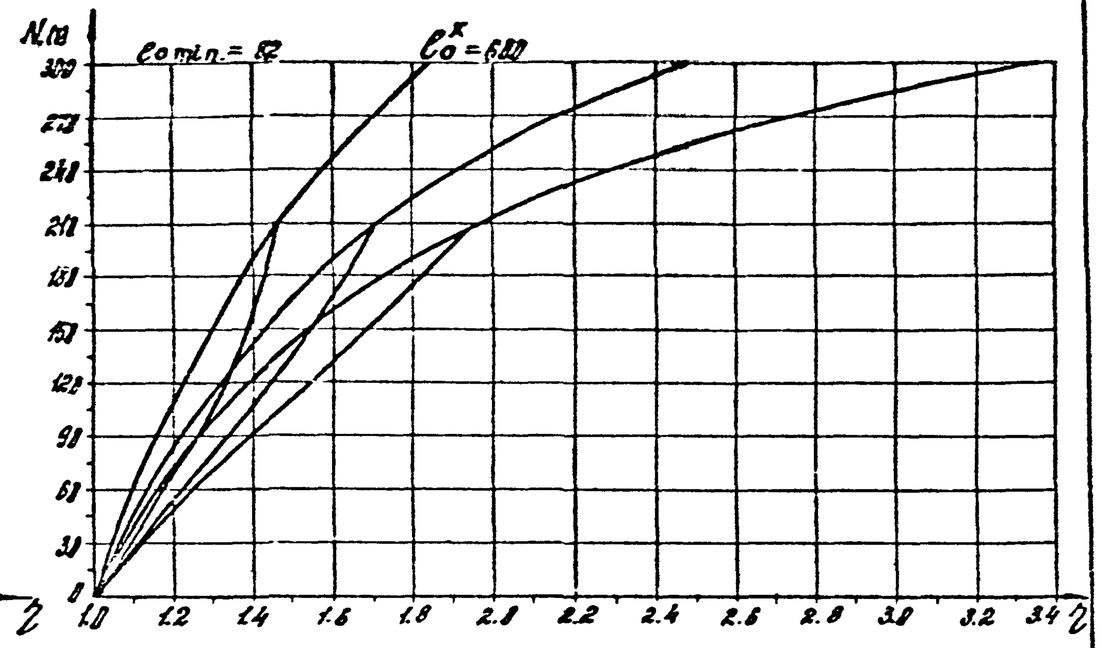
Вх. 32829 л 133

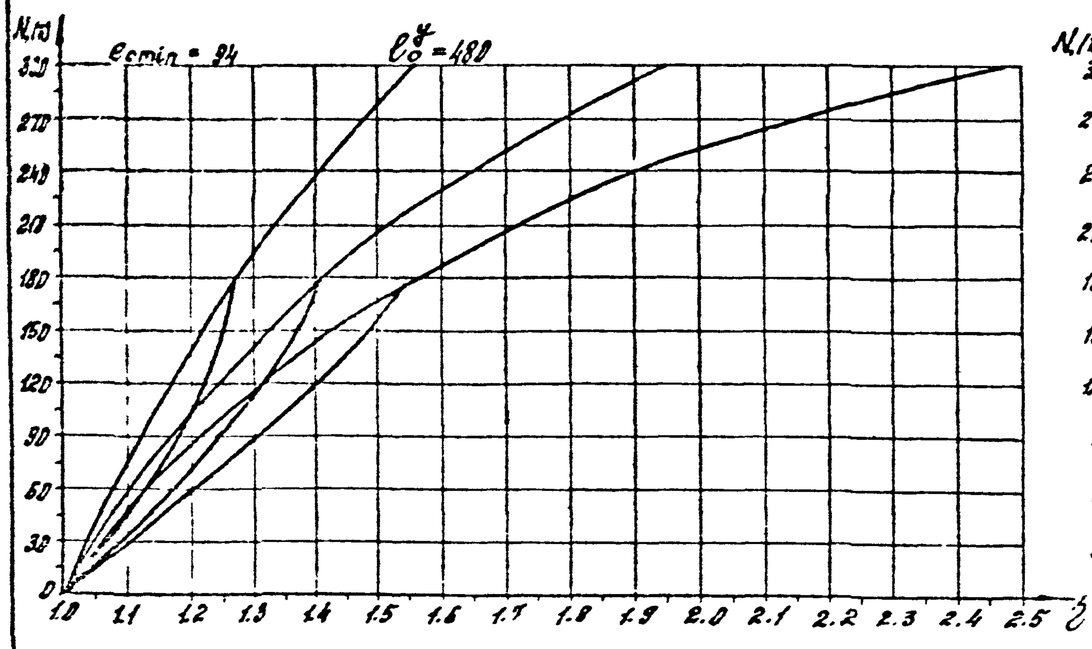


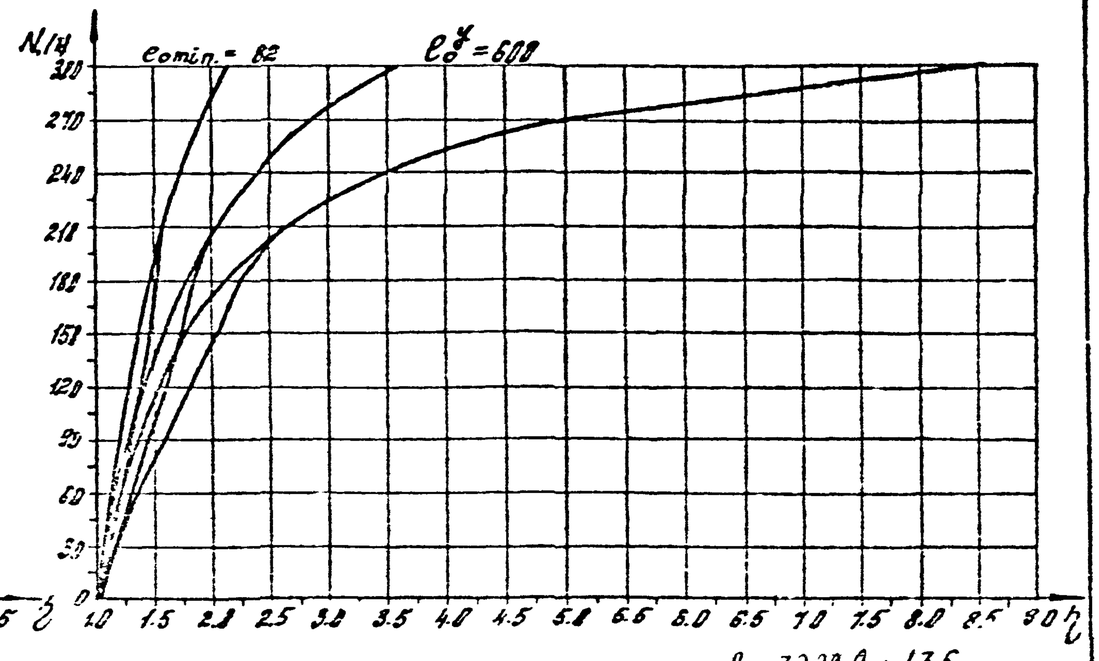
Вх. 32823 л.134

класс бетона В22,5 (R_b=14,5 кгс/см^2 при учете γ_{b2}=1.15)

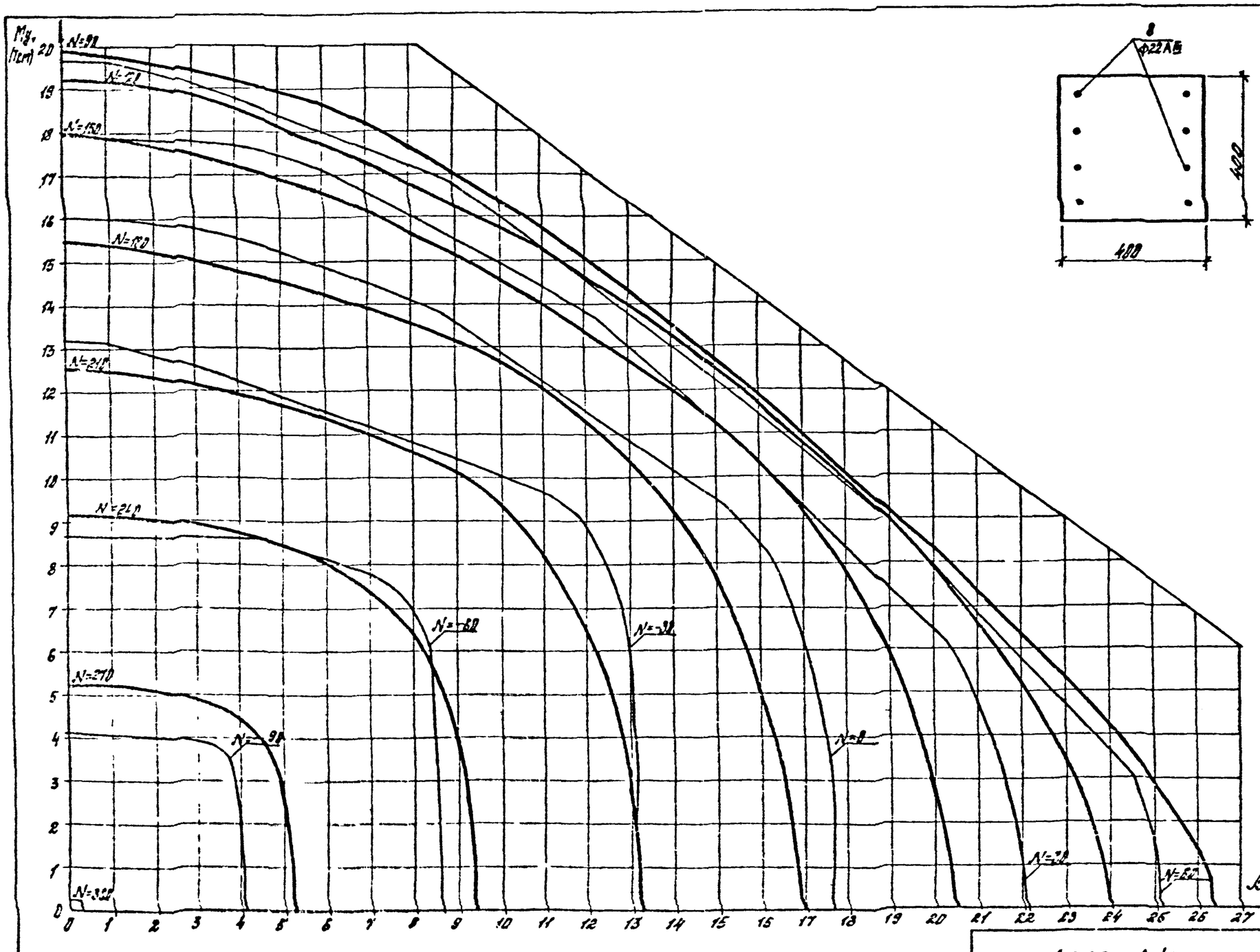






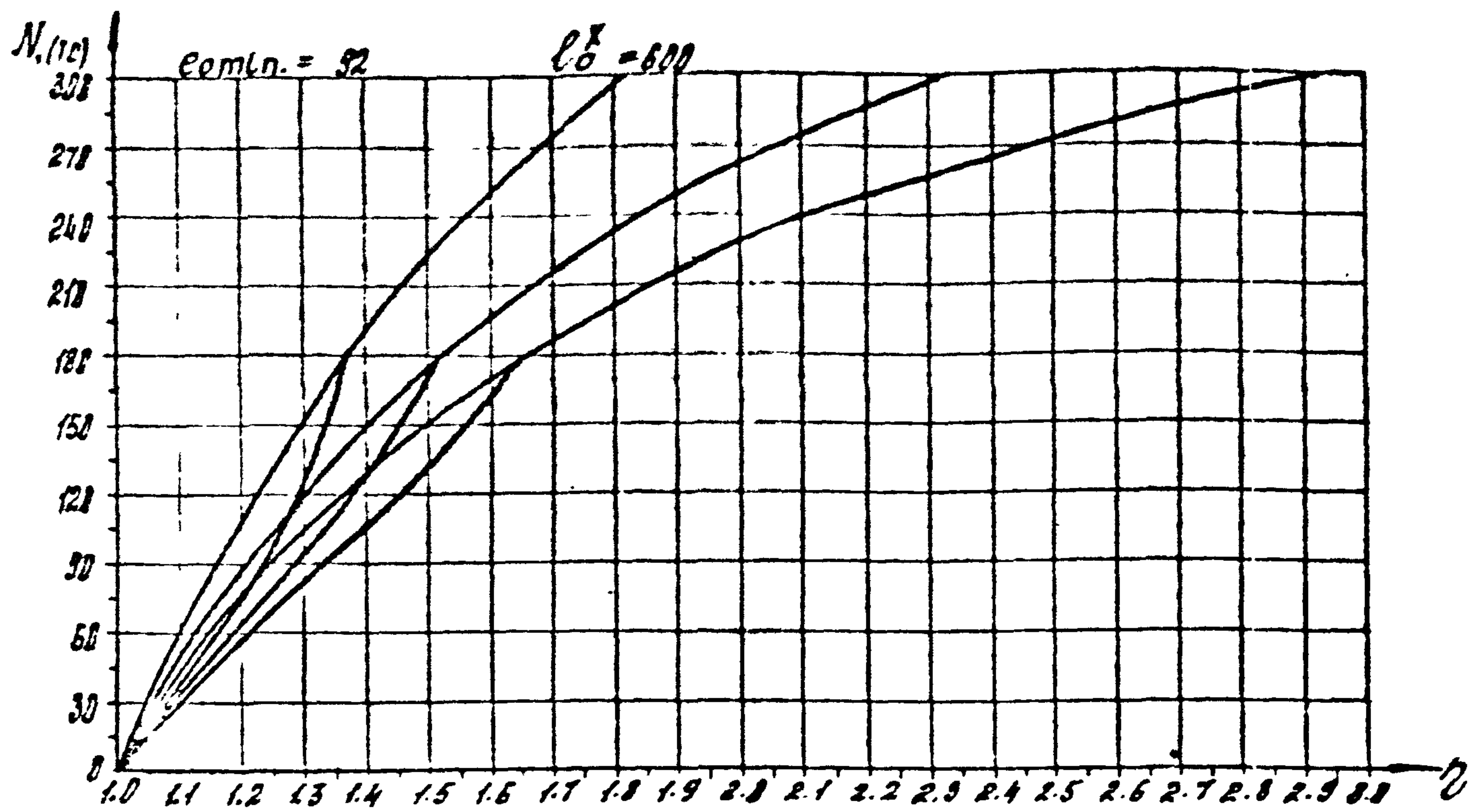


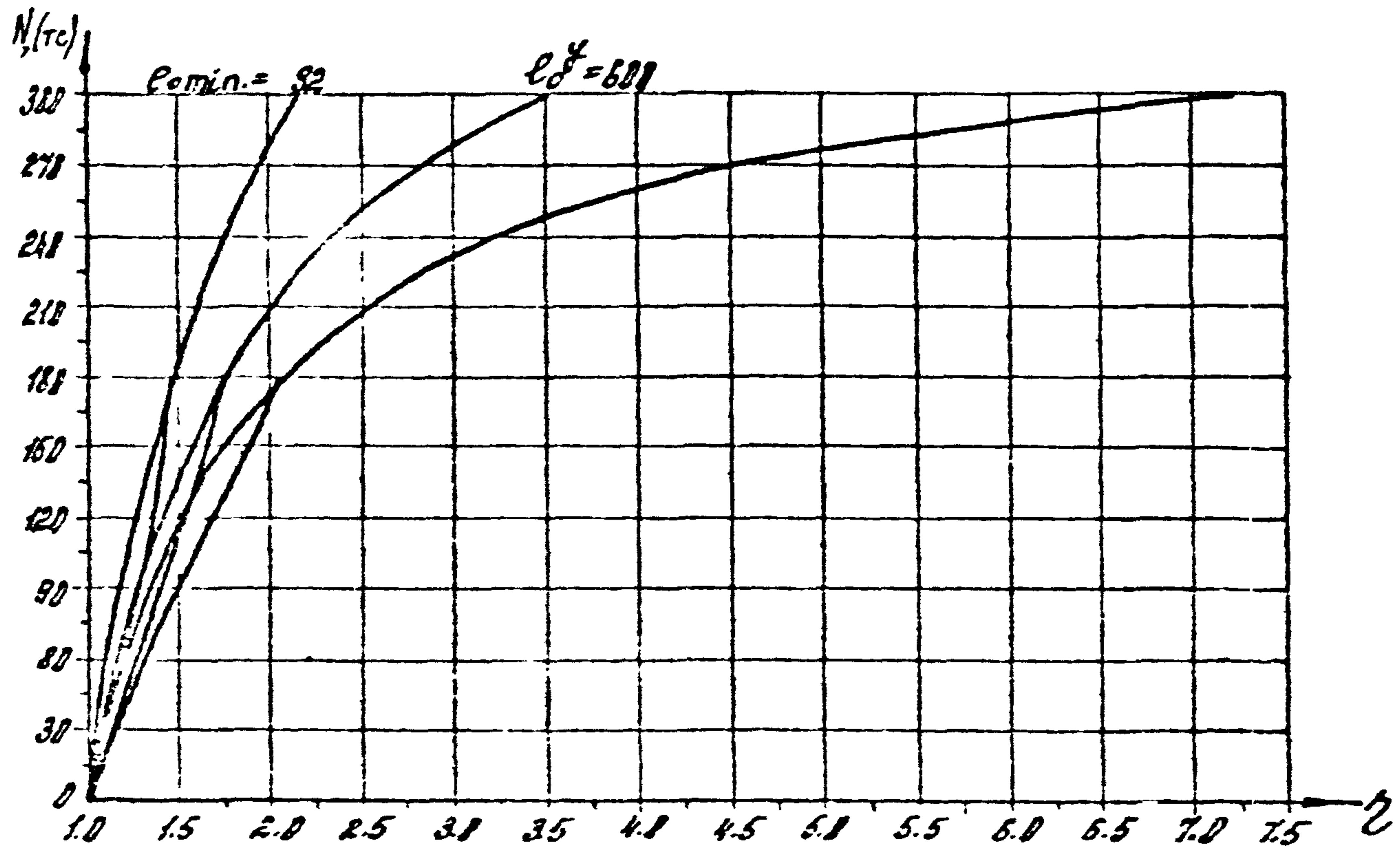
Вх. 32829 л 135



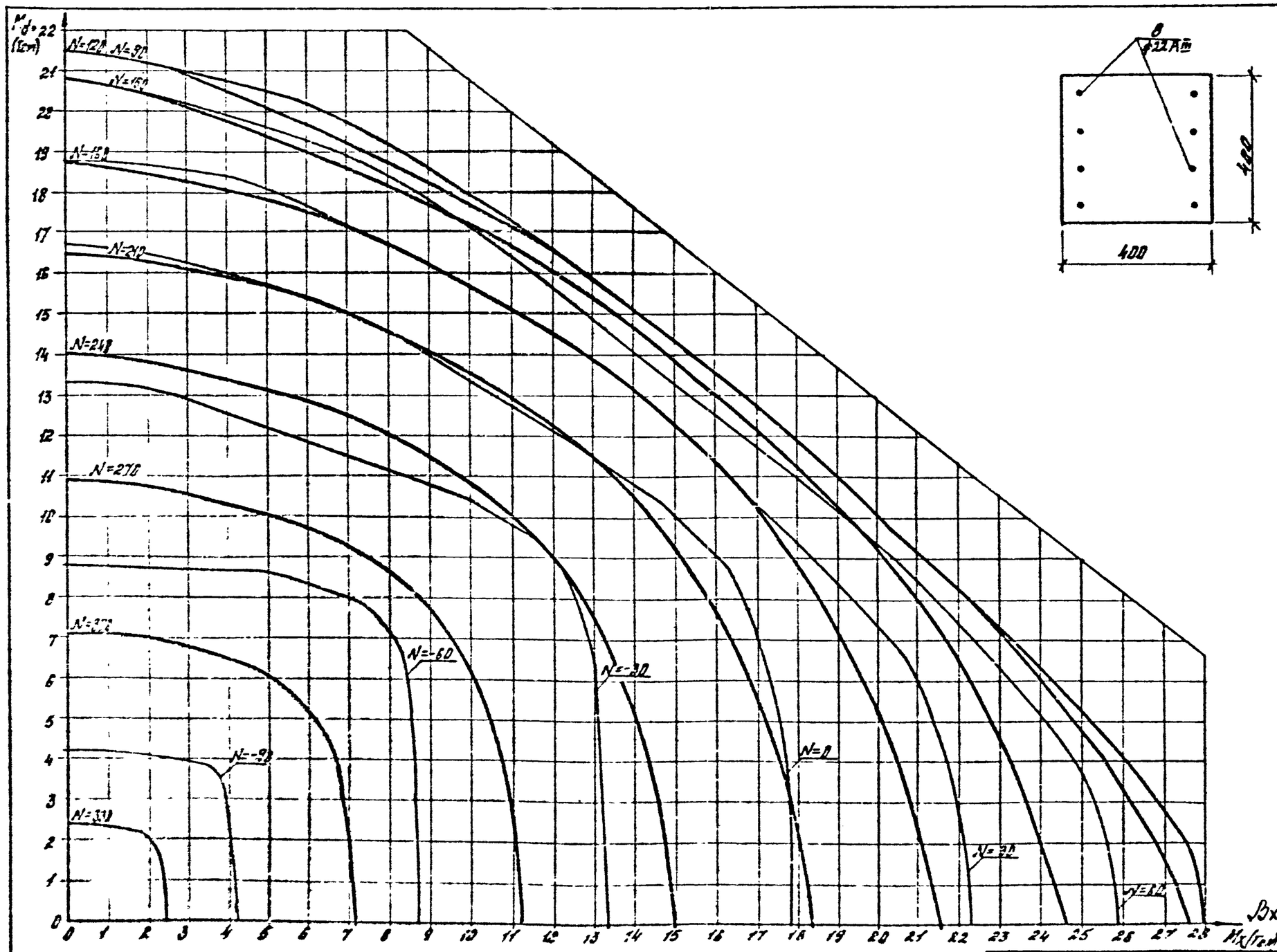
Вх. 32829 л. 136

Класс бетона В22,5 (R_b=119,2 кгс/см² при учете γ_{b2}=0,9)



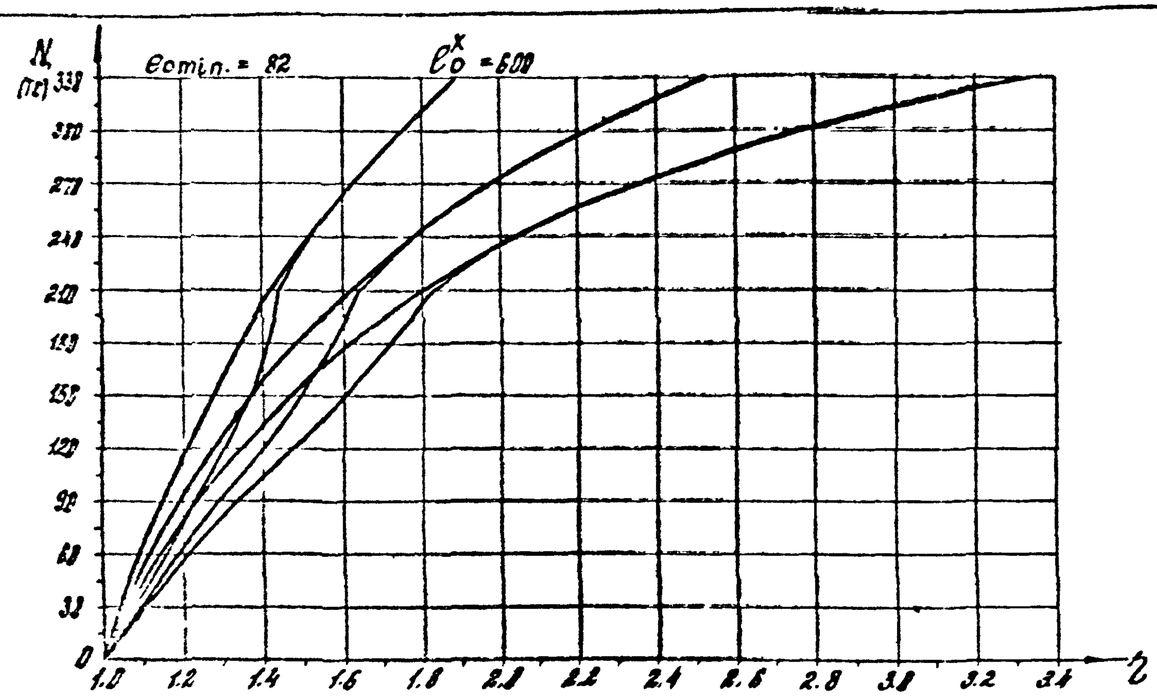


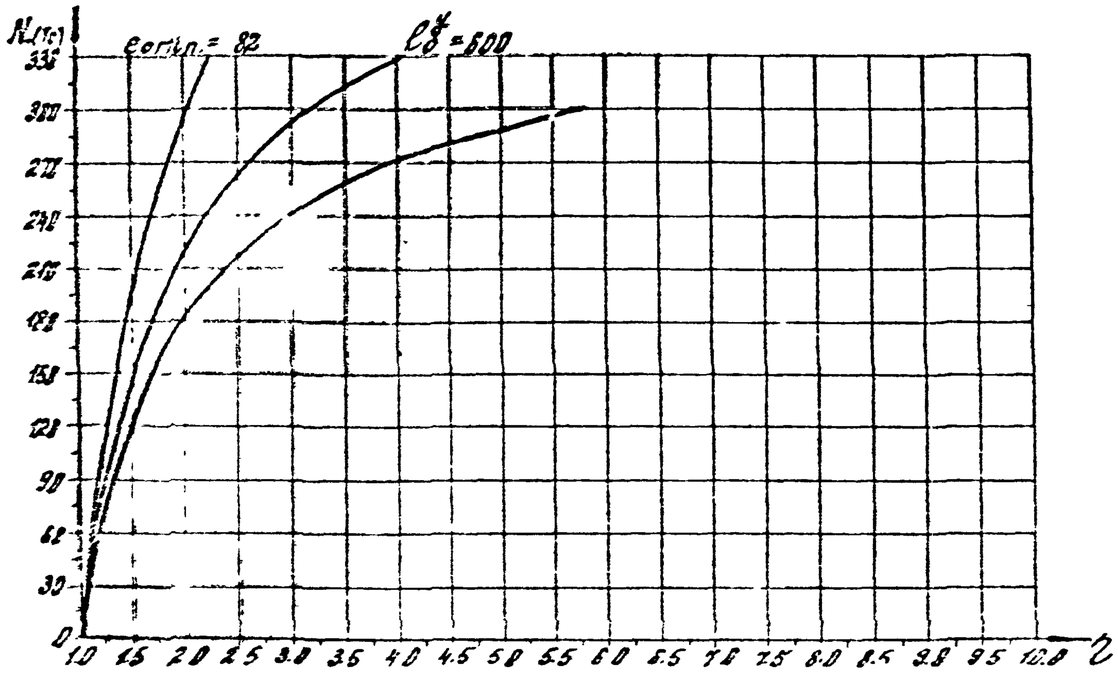
Исх. бязку л.107



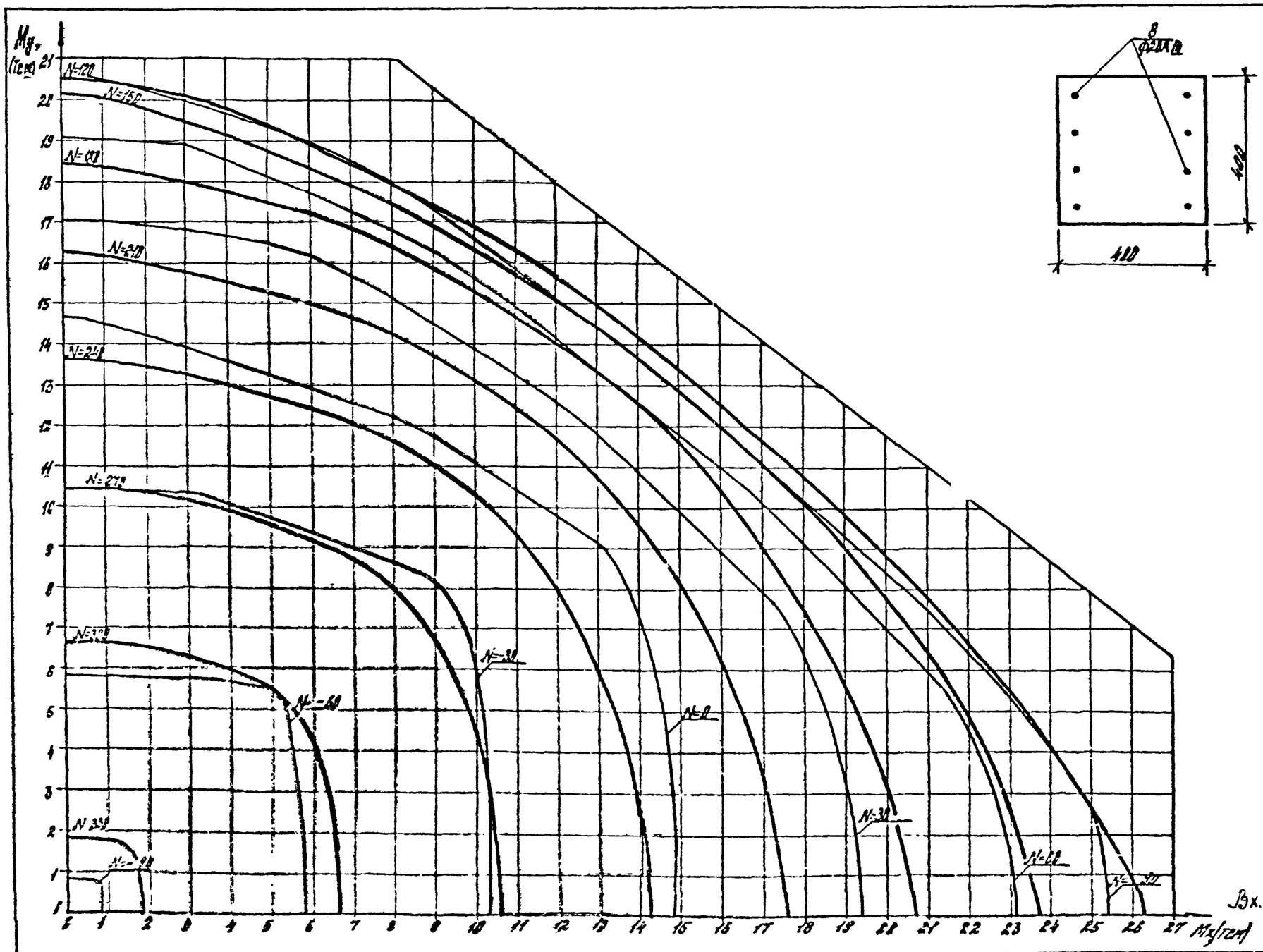
Вх. 32829 л.10

Класс бетона В22,5 (R_B=145,7 кгс/см² при учете γ_{b2}=1,10)





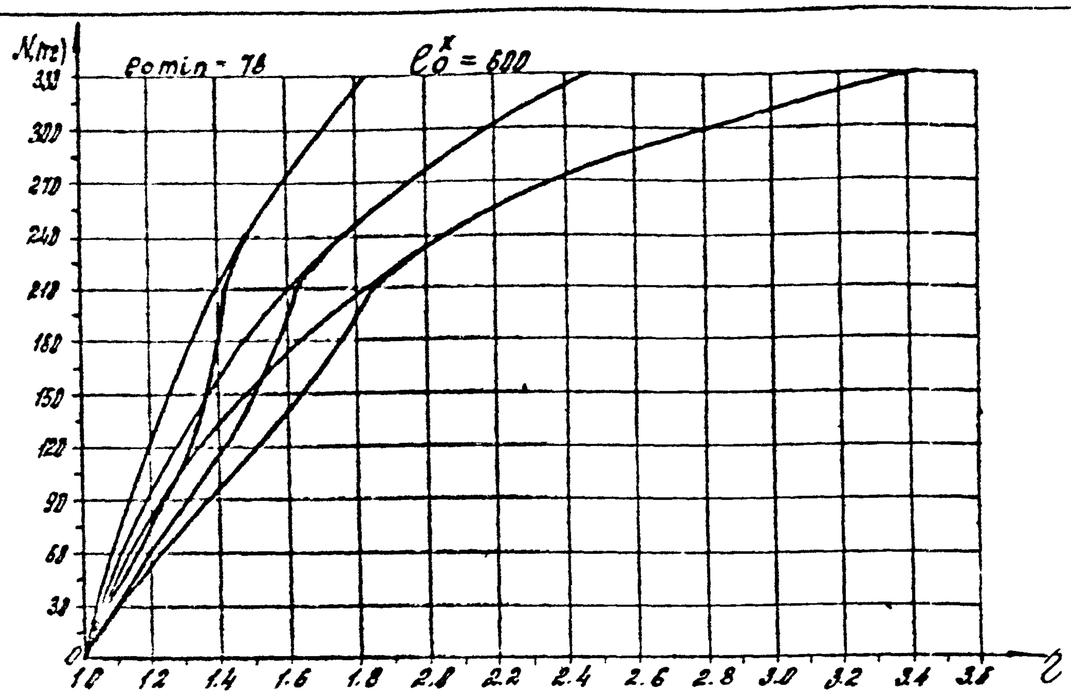
Вх. 32829 л. 139

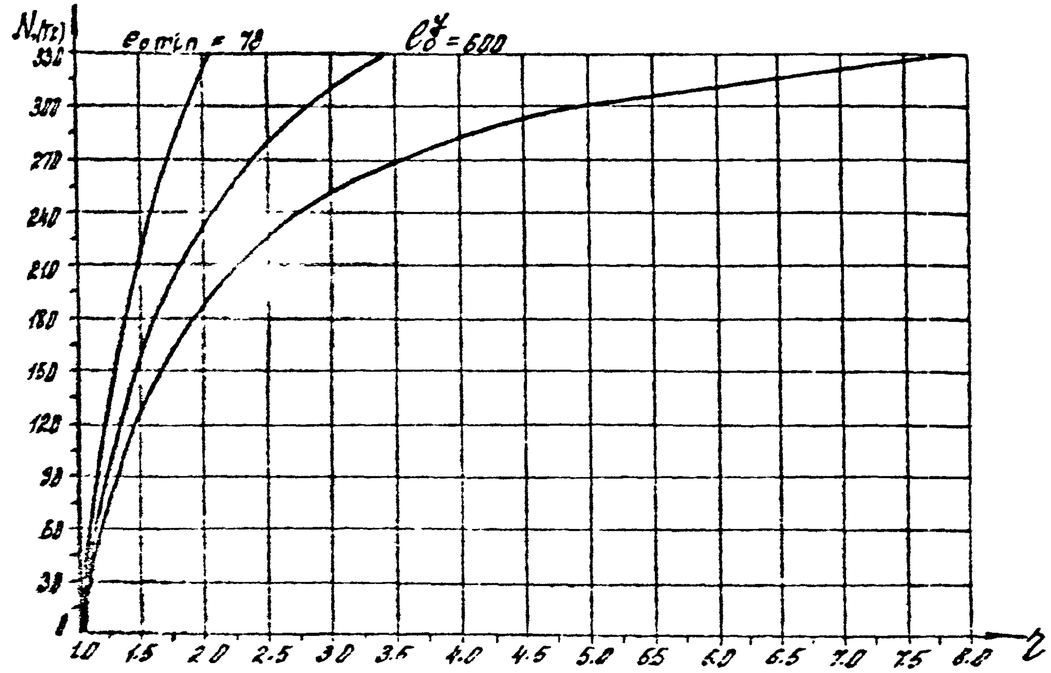


Вх. 32829 л. 140

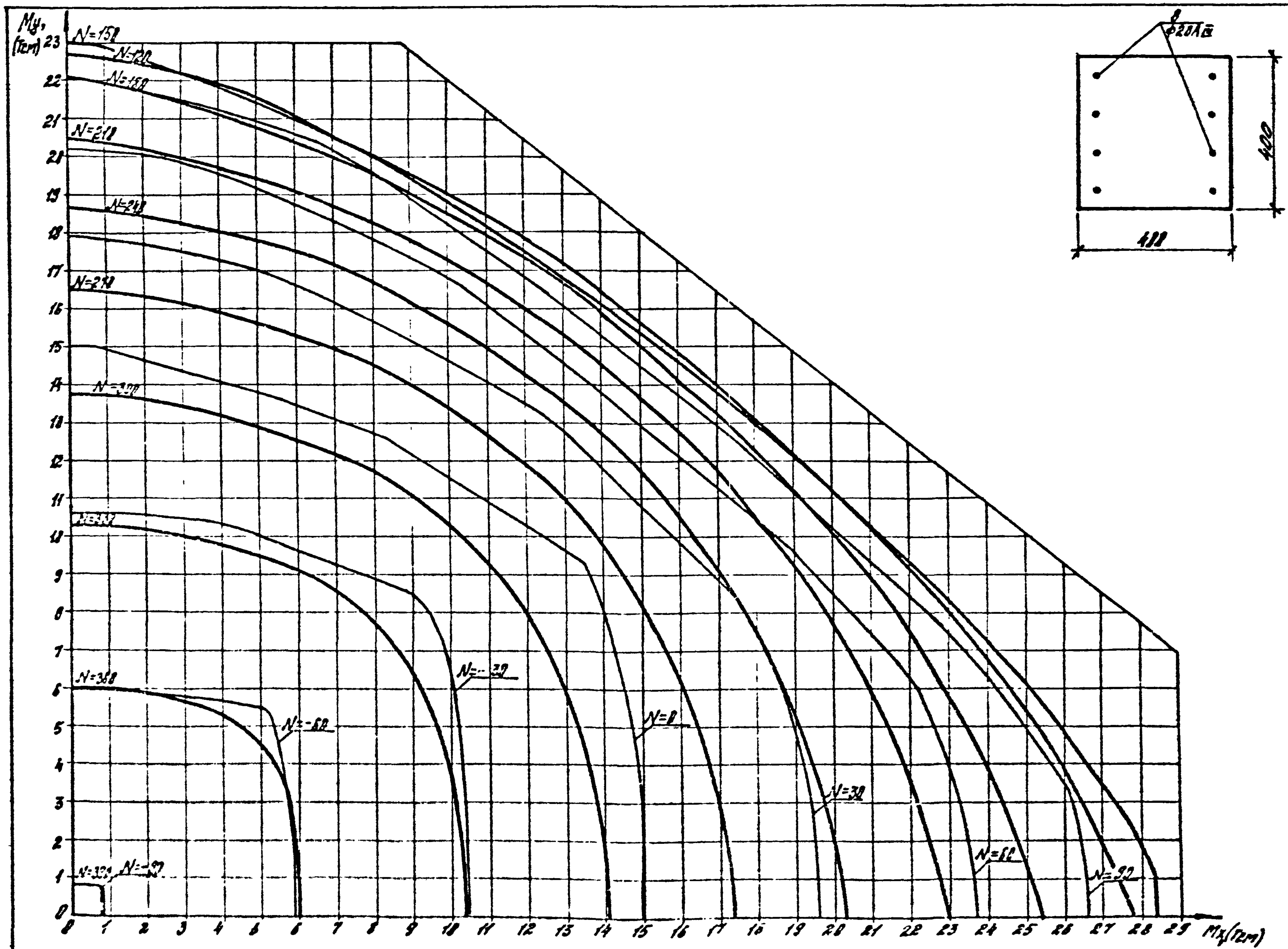
Класс бетона В30 (Rb=155 кгс/см при γb2=0,9)

1.020-1/87.0-6- 3ПЗ





Вх. 3282-1 л. 141

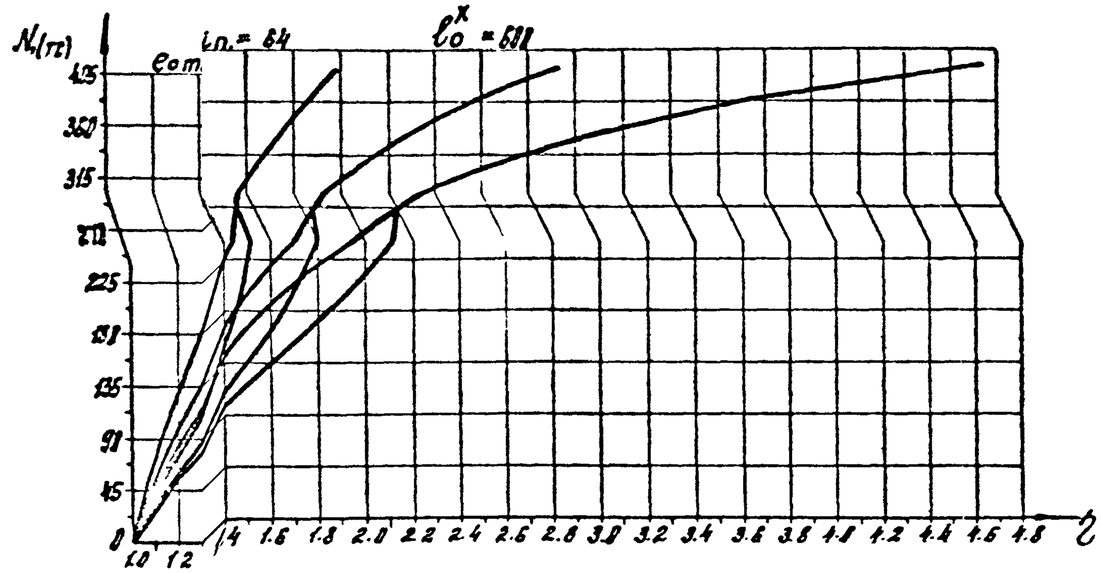


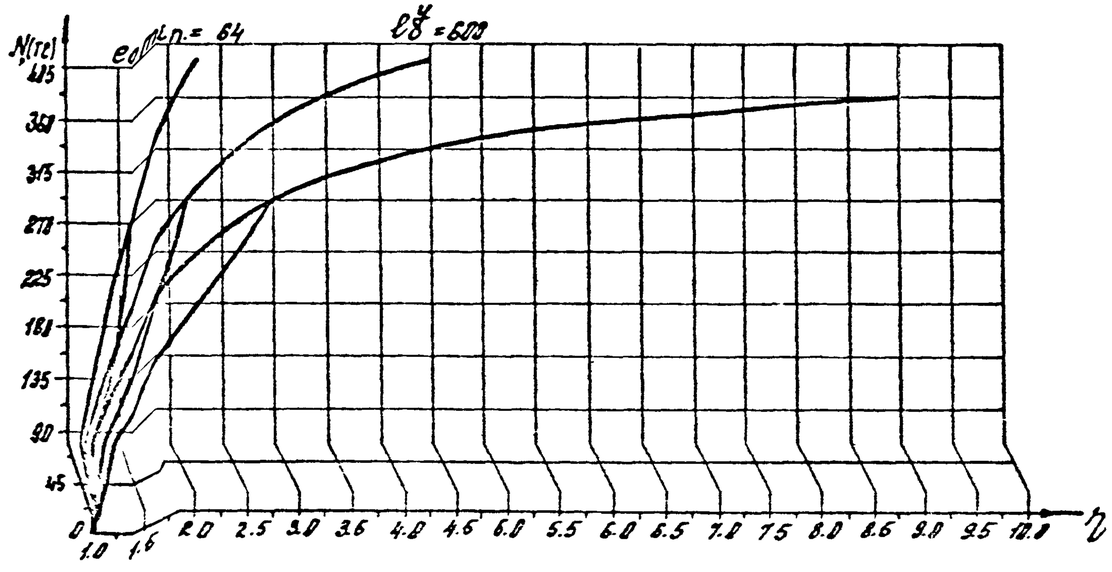
класс бетона В30 (Rb=190.3 кгс/см² при учете γb=1.10)

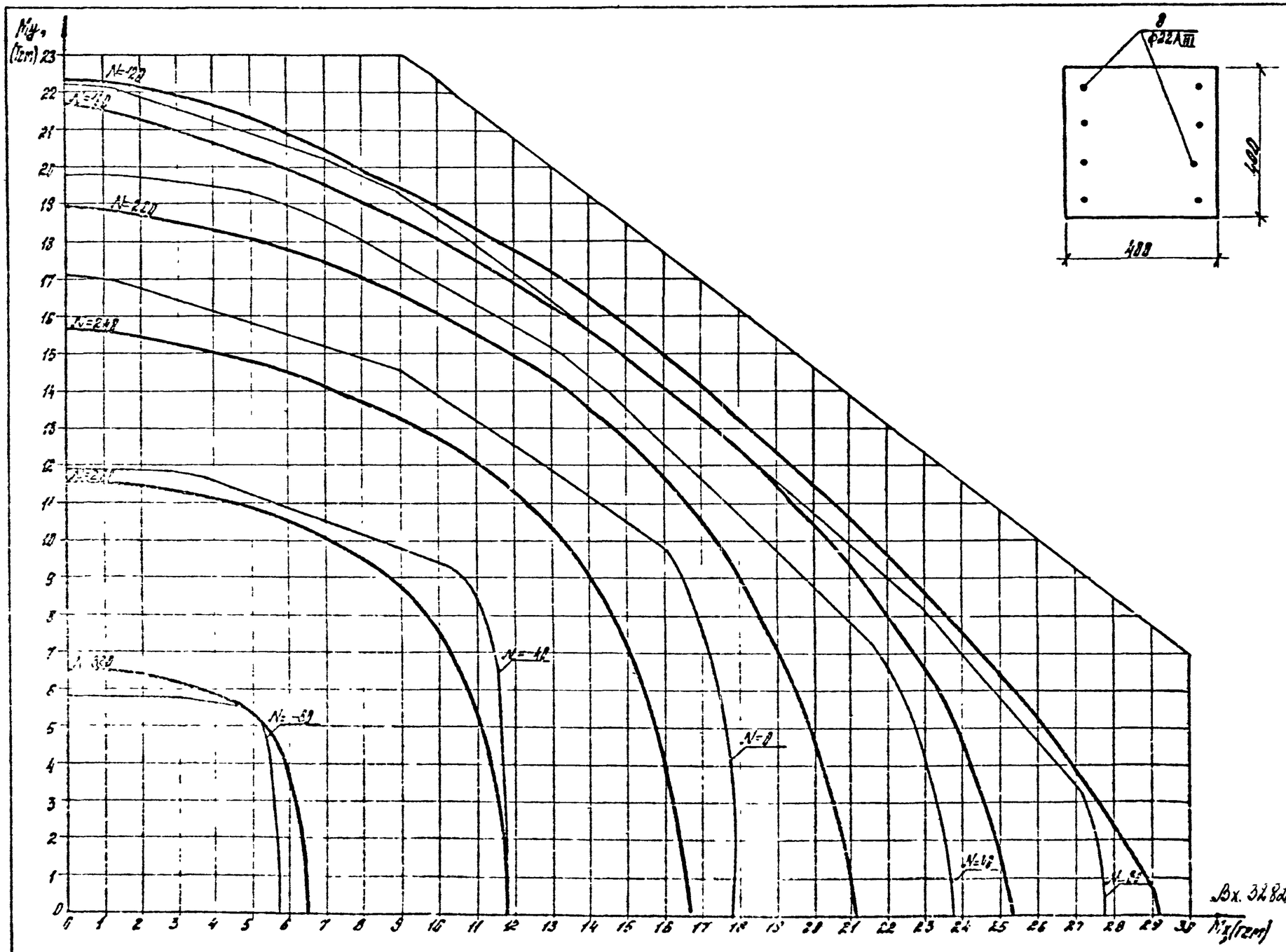
Вх.32829 л.142

1.020-1/87. 0-6 - 3 ПЗ

Лист 135

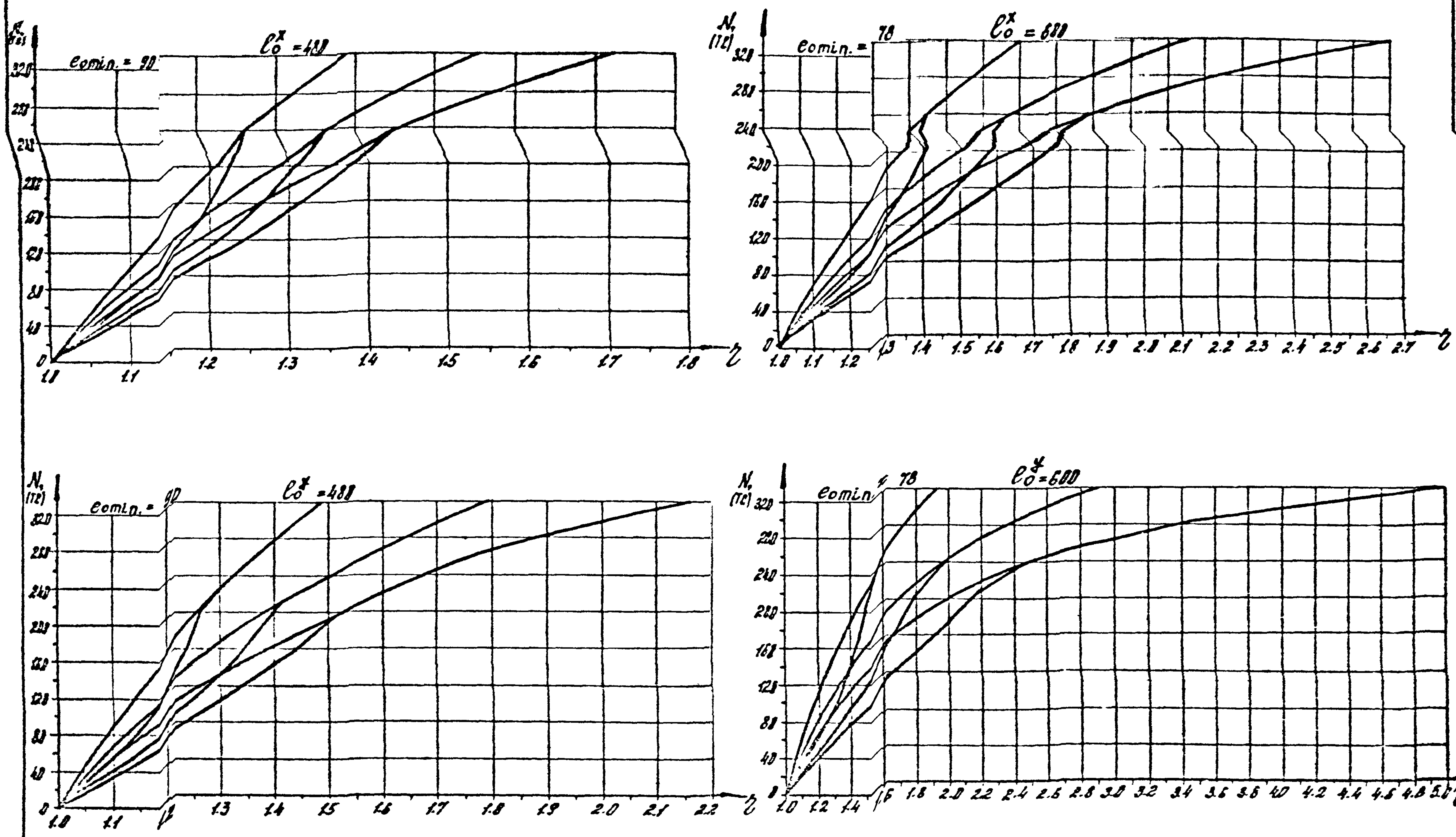

N,(тс)
e0 m
i.п.= 64
l0x = 600
450
360
315
270
225
180
135
90
45
0
1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8 4.0 4.2 4.4 4.6 4.8
η


N,(тс)
e0 m
i.п.= 64
l0x = 600
450
360
315
270
225
180
135
90
45
0
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0
η



Вх. 3282.9 л. 144

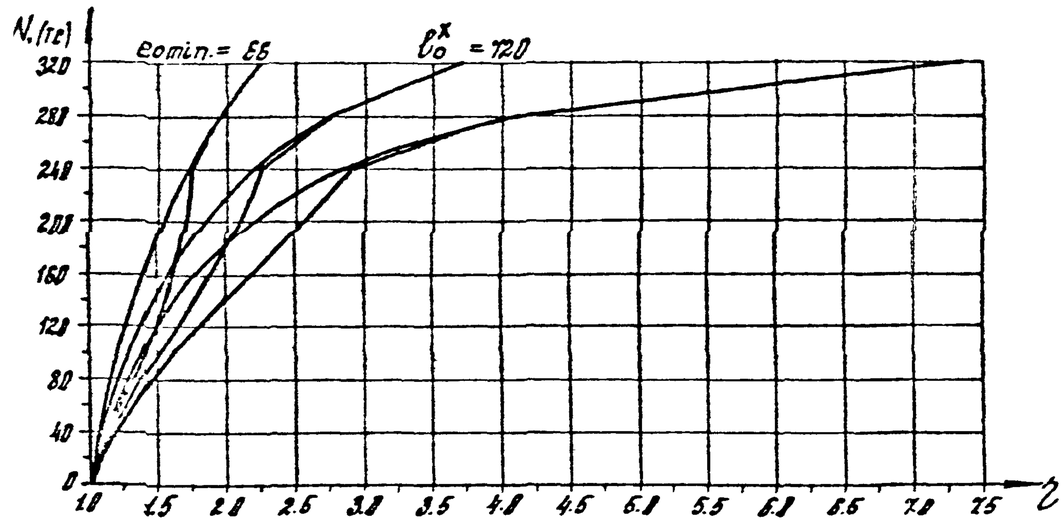
Класс бетона В30 (R_b=155 кгс/см² при учете γ_{b2}=0,9)

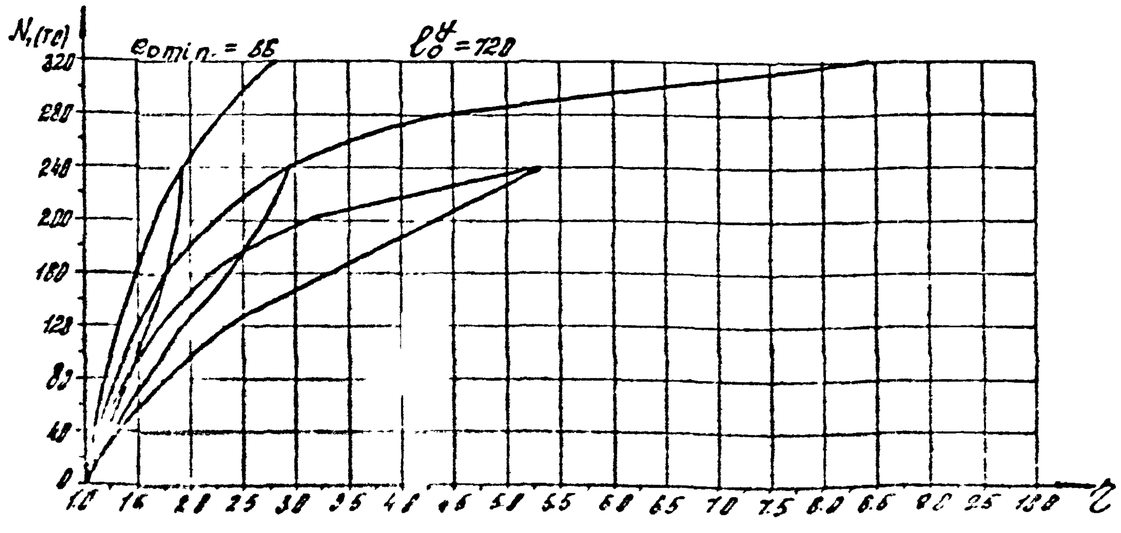


Инв. 32823 л. 145

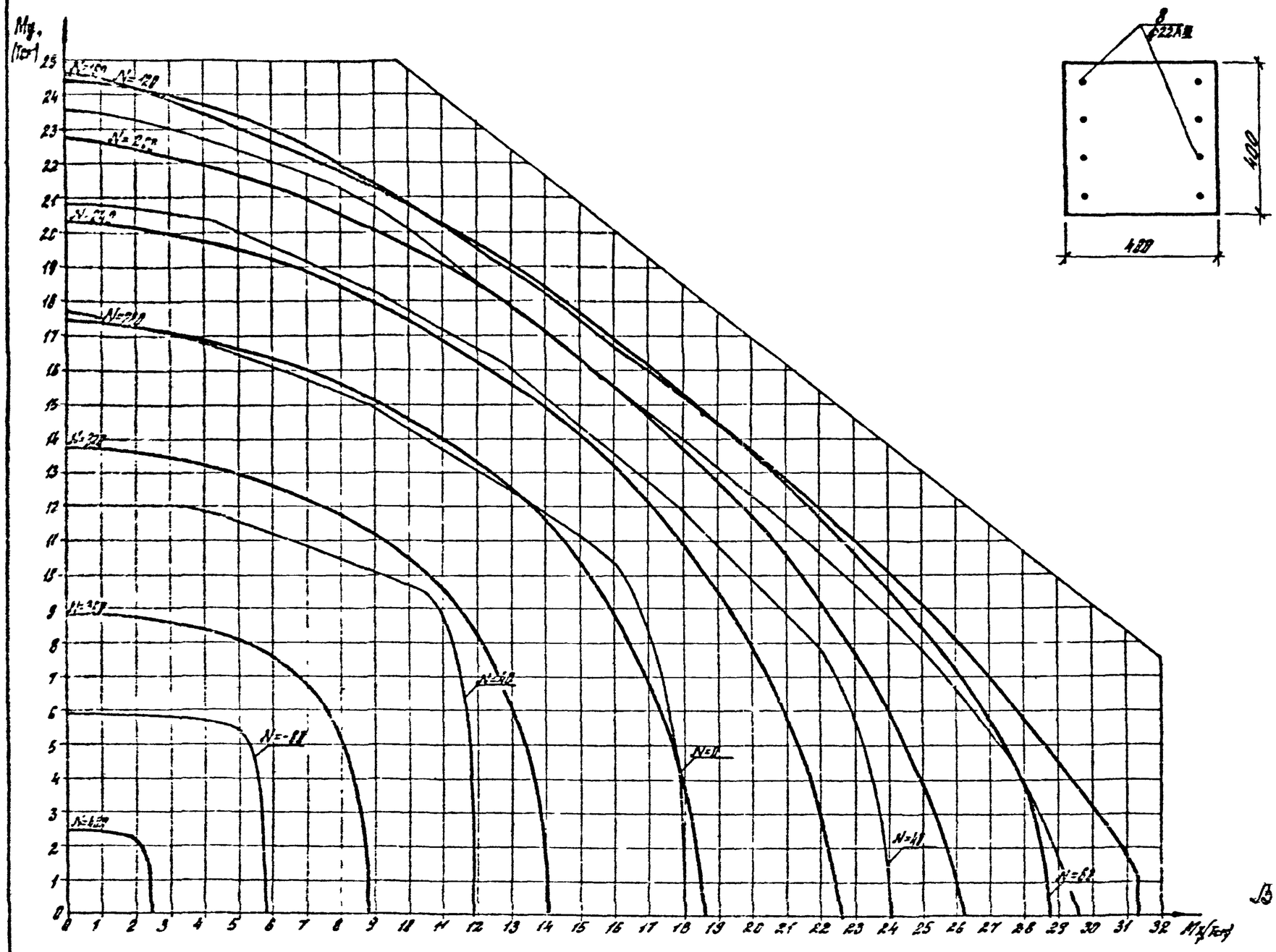
1.020-1/87. 0-5- 3 ПЗ

Лист 138



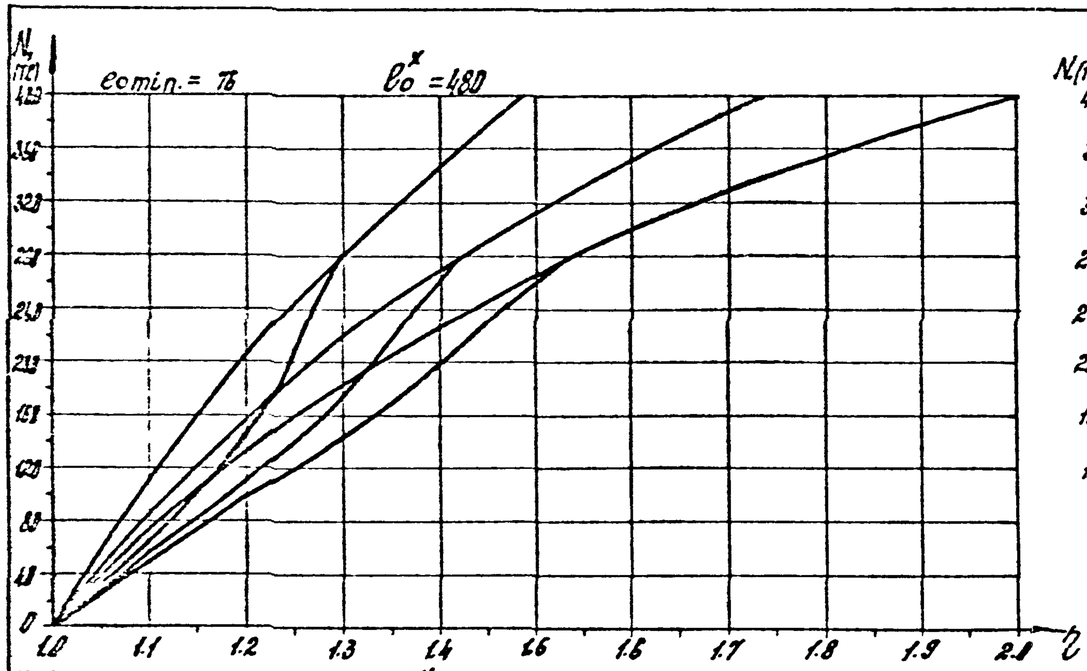


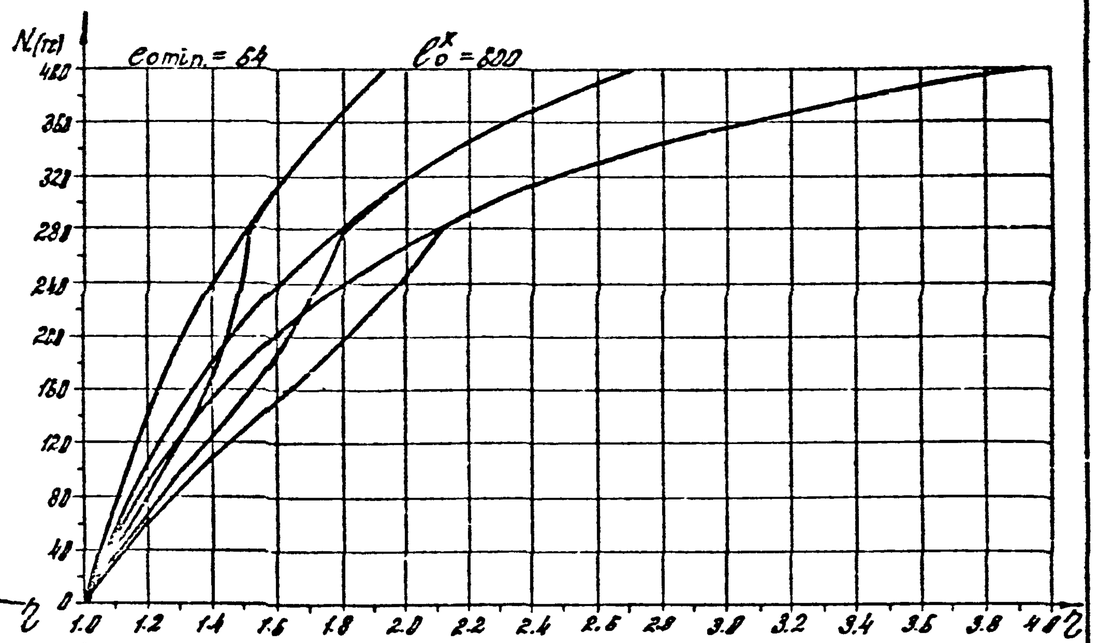
Вх. 32829 л. 146

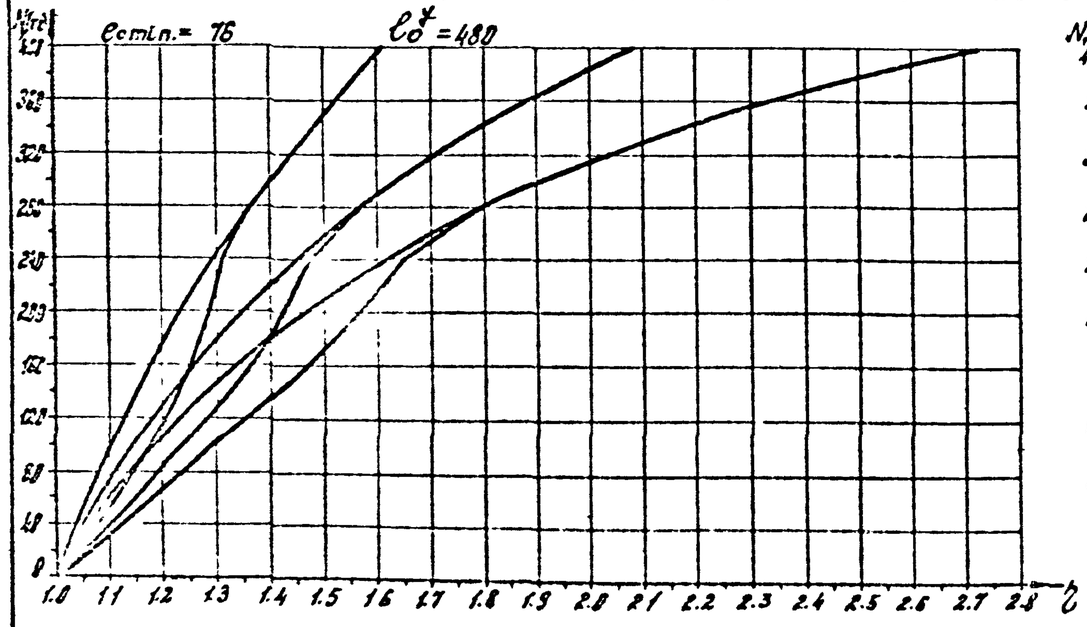


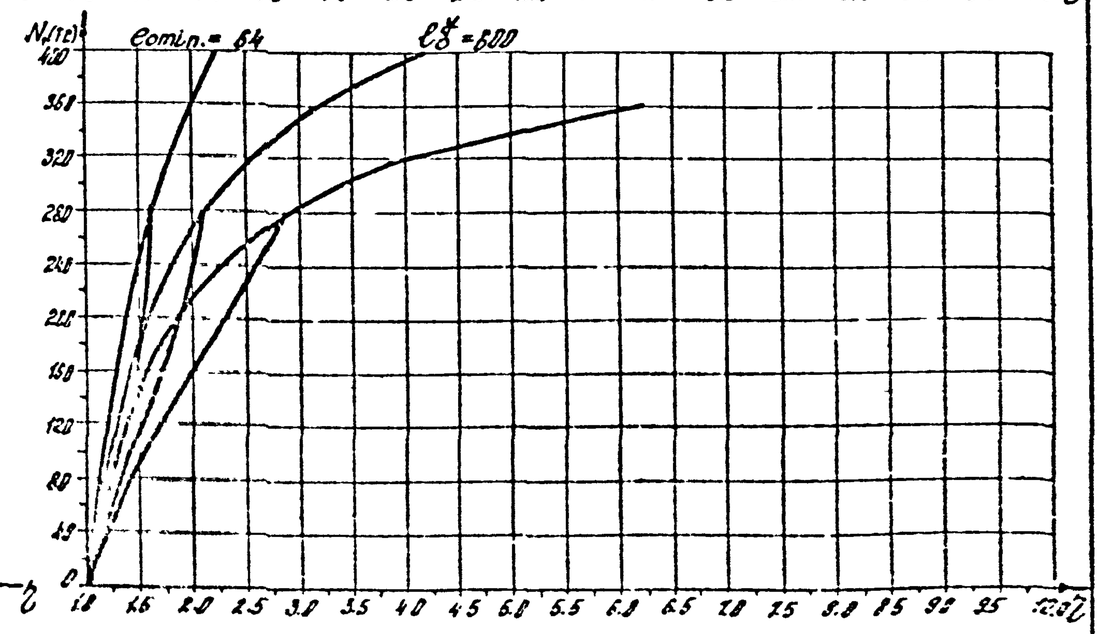
Вх. 32820 л. 14 г

Класс бетона В30 (Rв=130.3 кгс/см² при учете γв2=1.10)



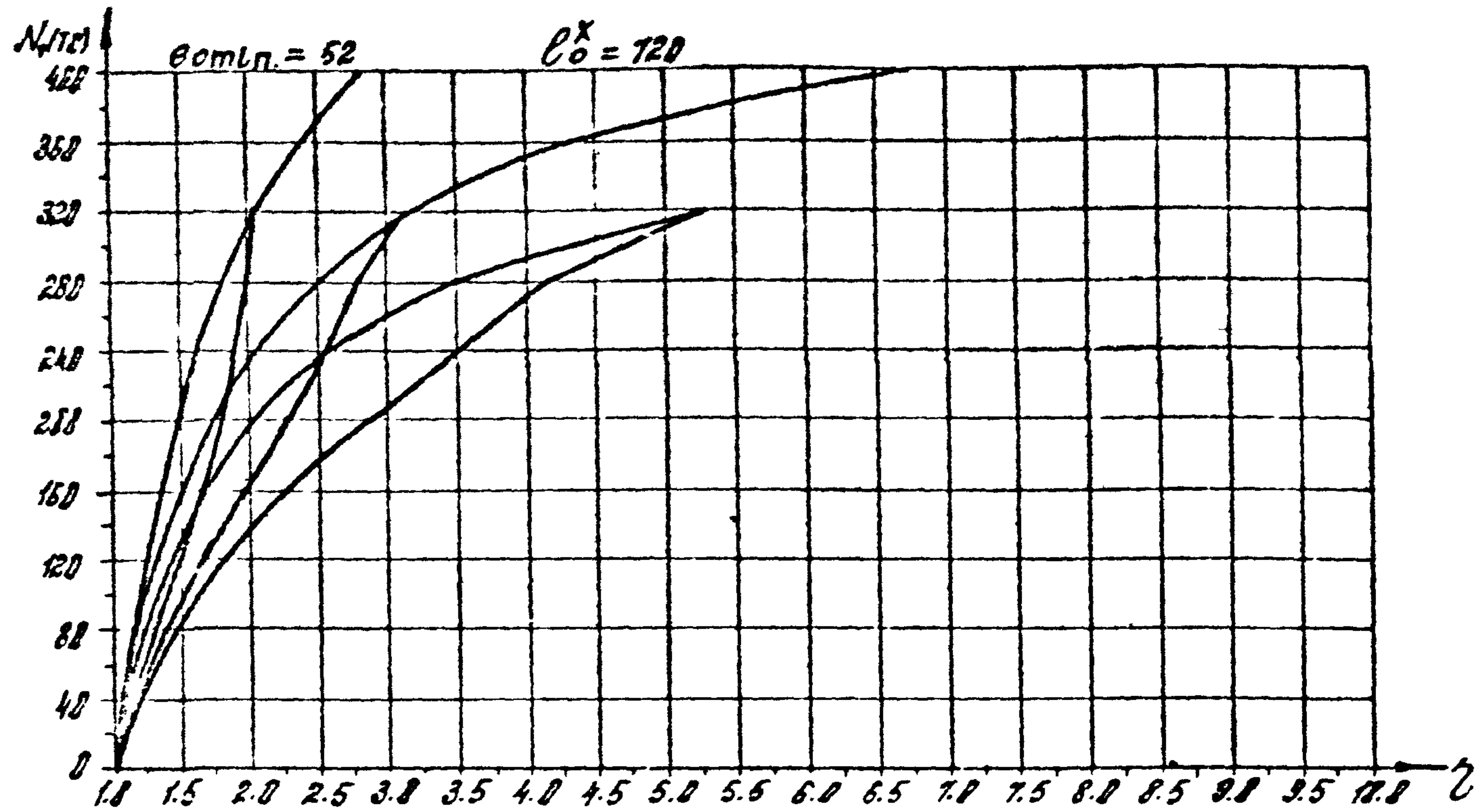


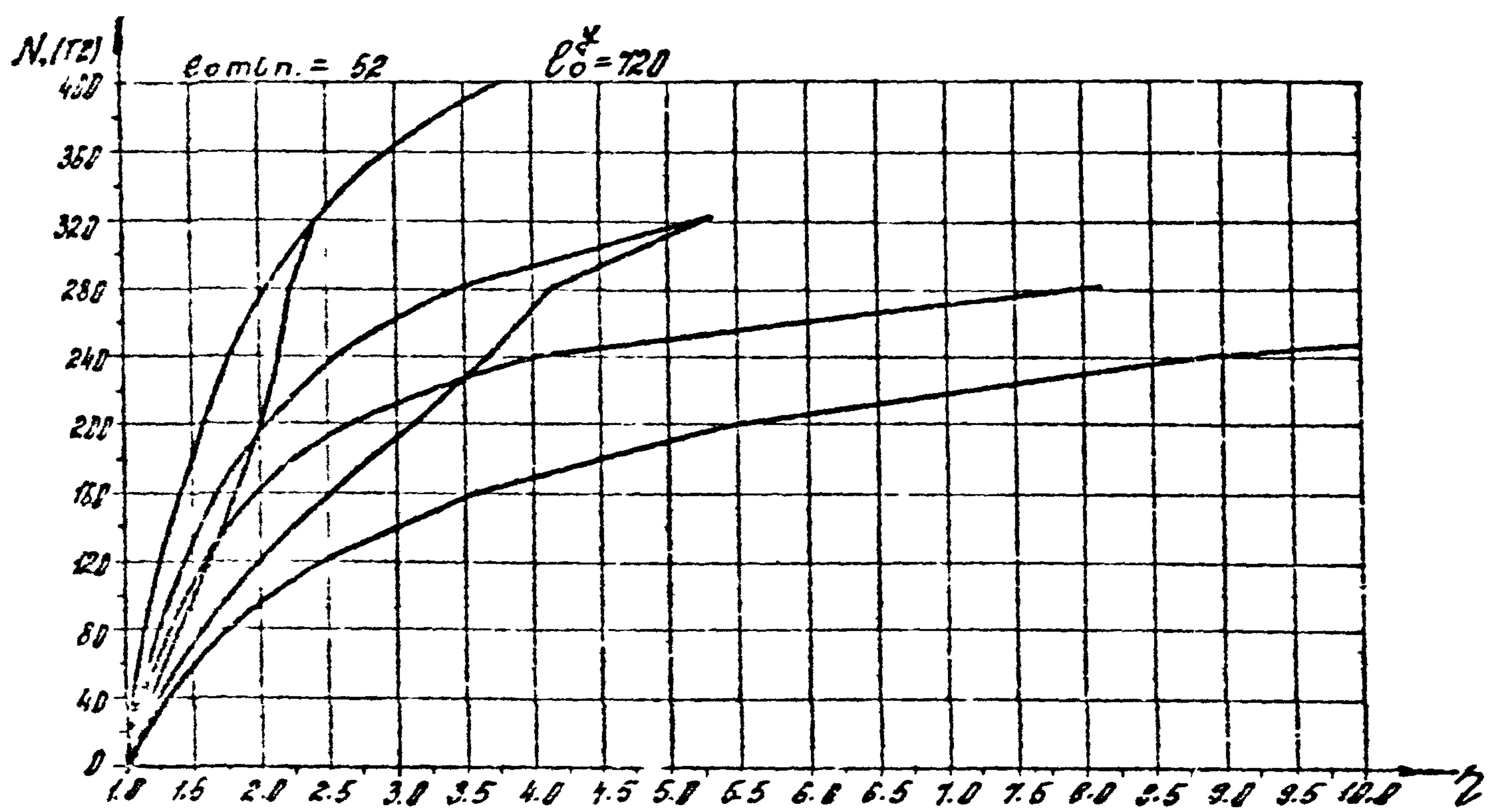


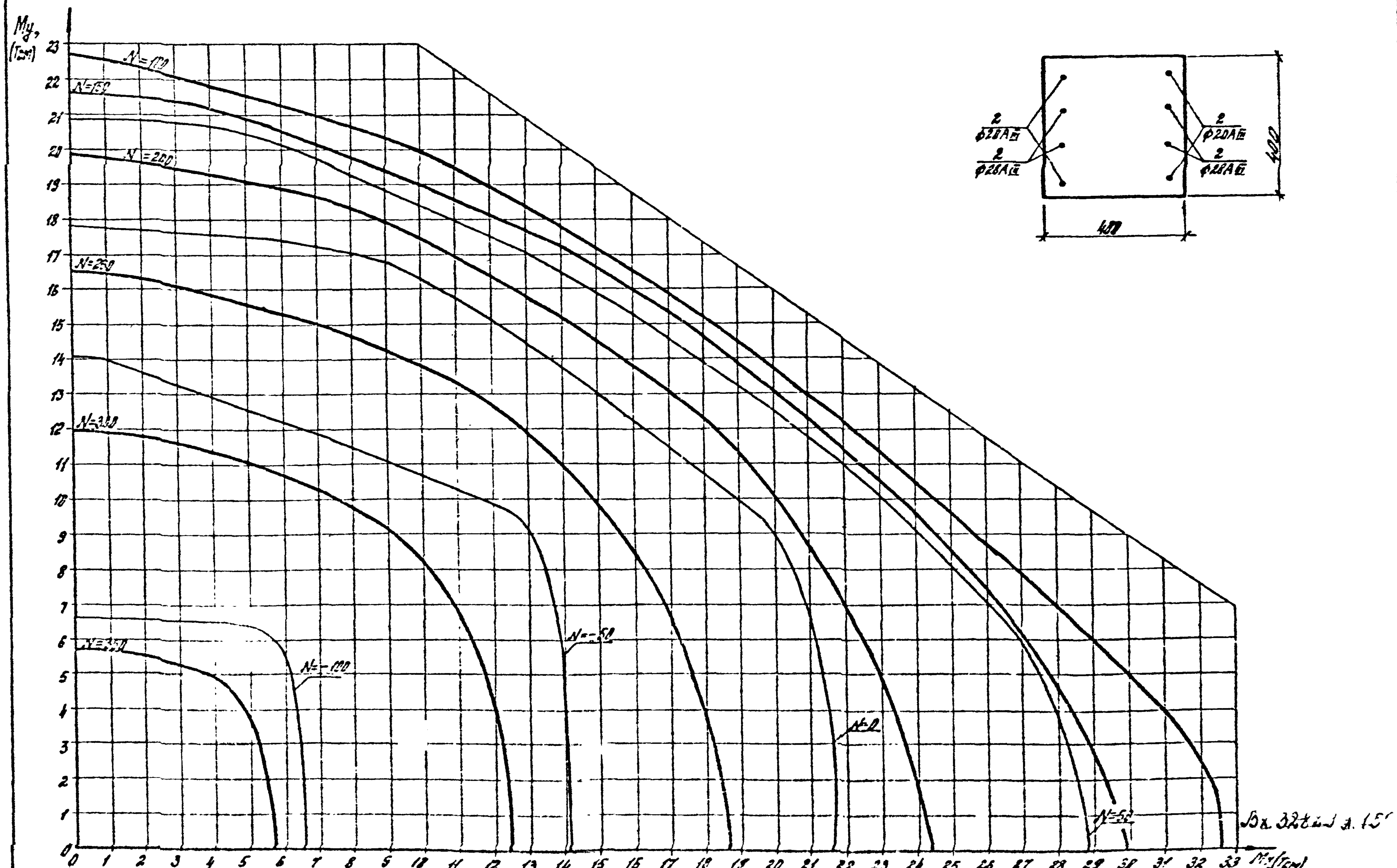


Вх. 32829 л. 148

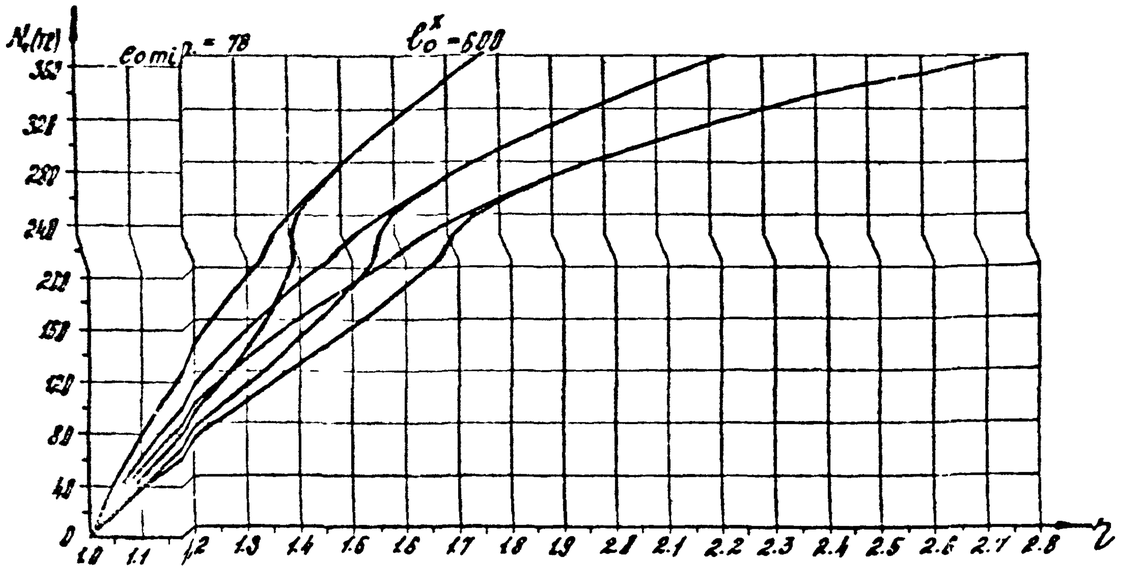
1.020-1/87.0-6-3ПЗ


N,(тс)
eотп.= 52
l_o^x = 720
400
360
320
280
240
200
160
120
80
40
0
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0
λ


N,(тс)
eотп.= 52
l_o^y=720
400
360
320
280
240
200
160
120
80
40
0
1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0
λ



класс бетона В30 (Rb=155,7кгс/см² при учете γb2=0,9)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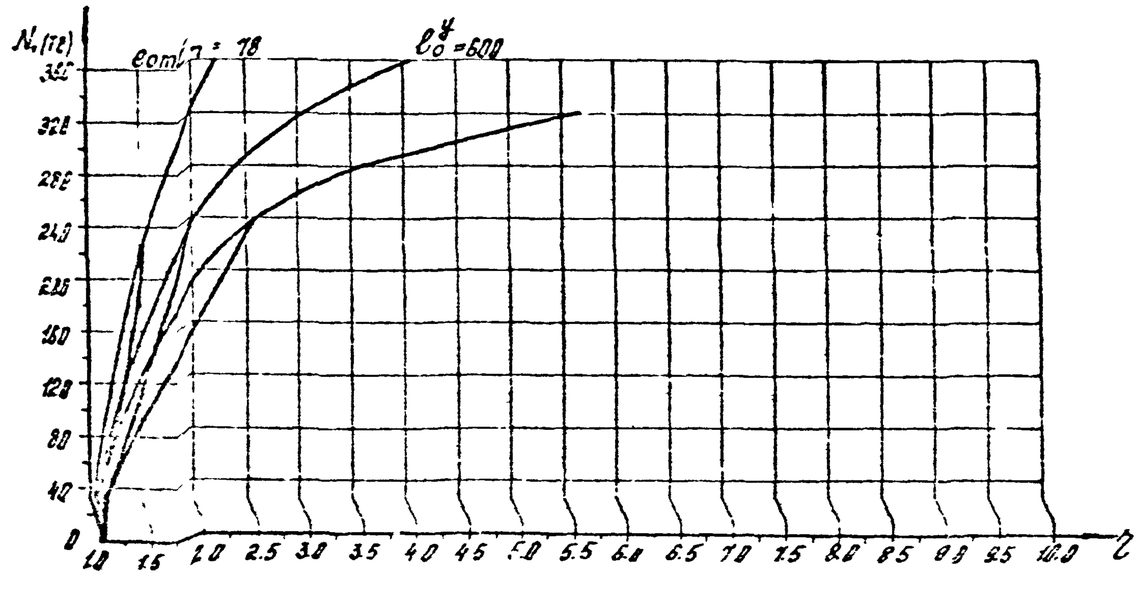
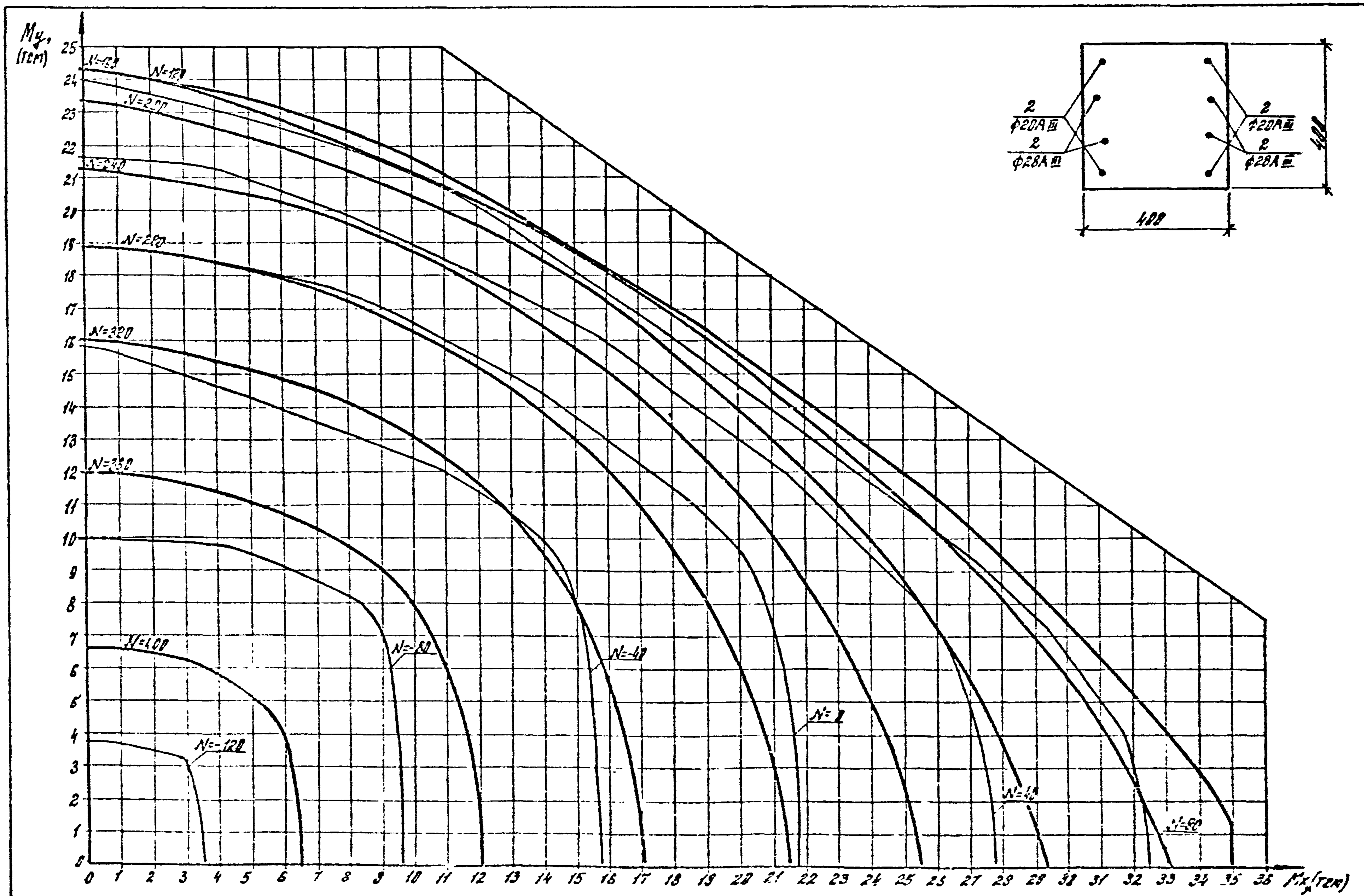
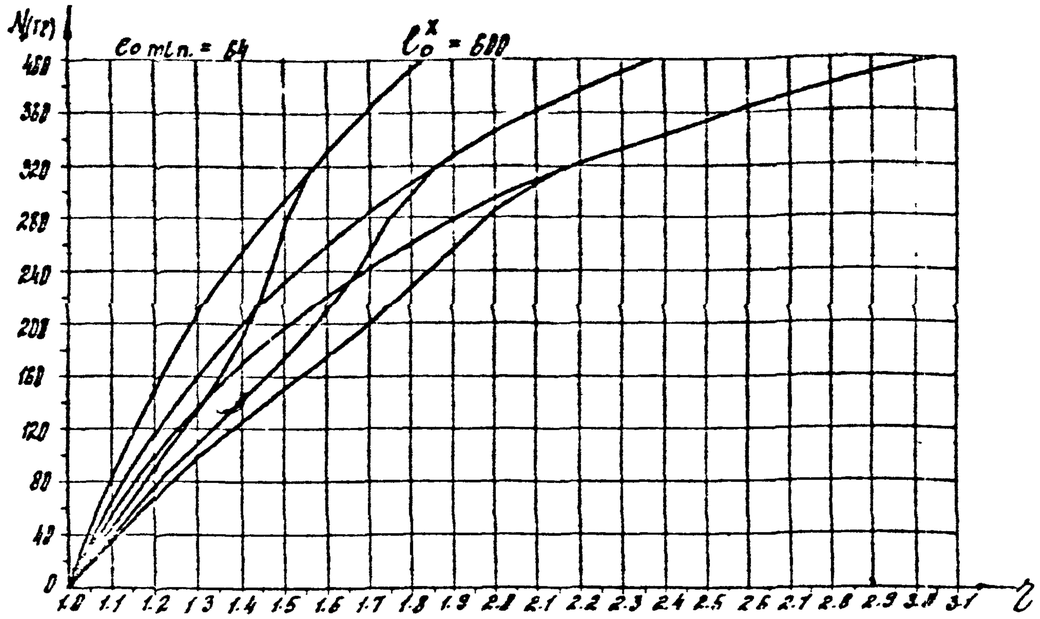
η

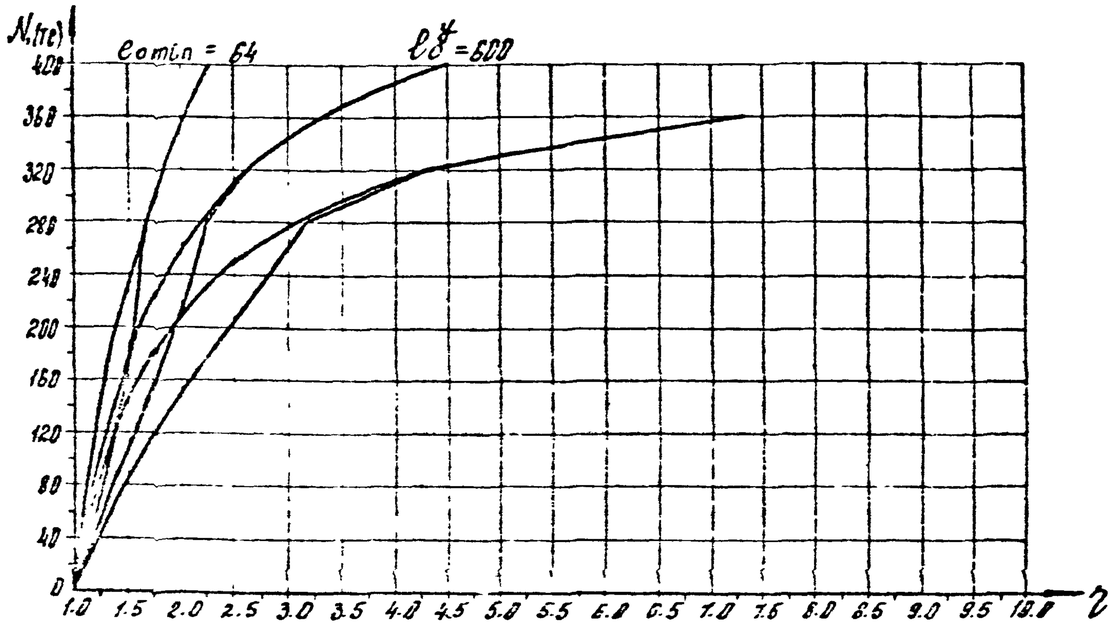

N,(тс)
e0min = 78
e0y = 600
η



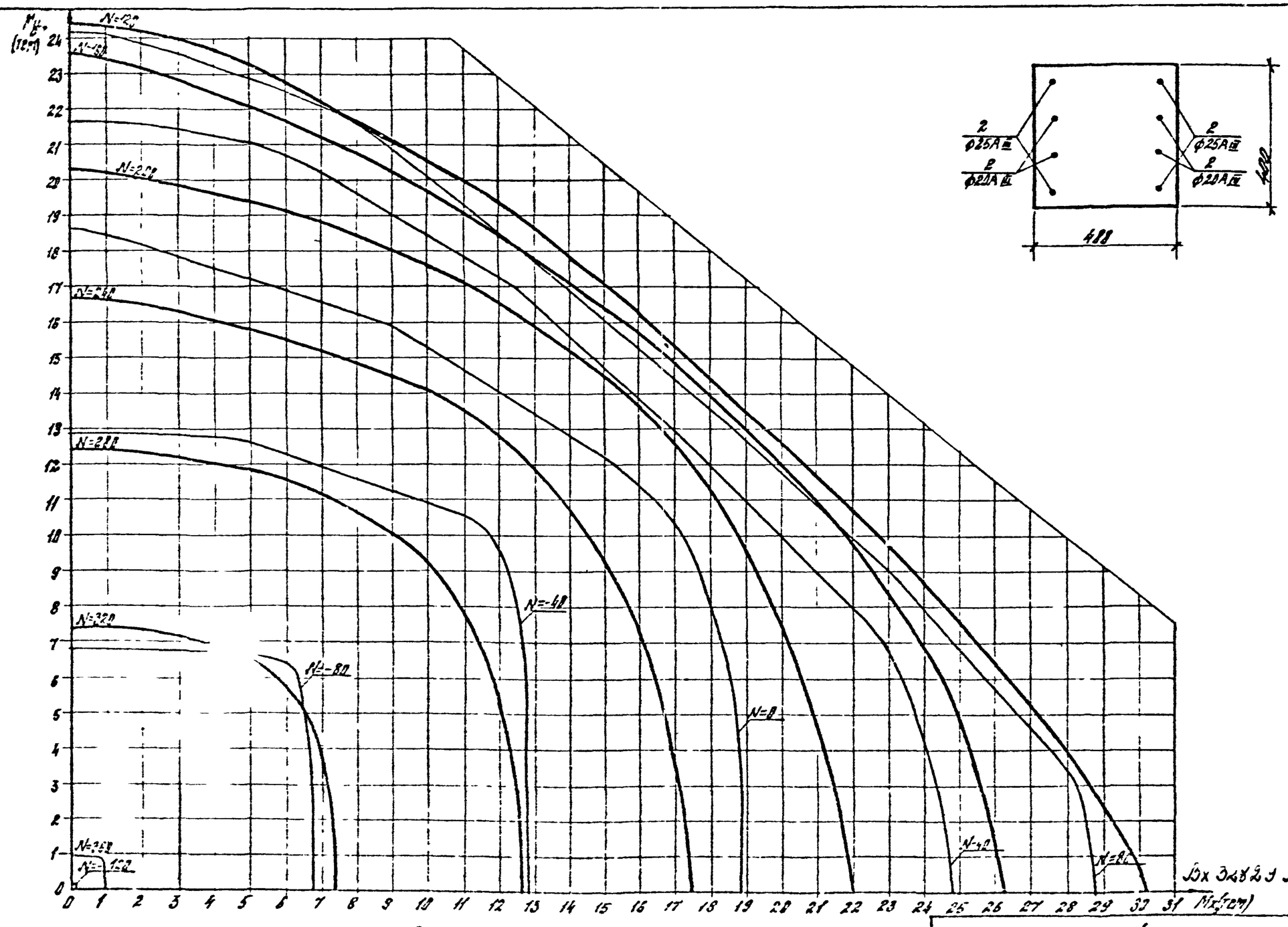
Класс бетона В30 (Rб = 190.3 кгс/см² при учете $\gamma_{б2}$ = 1.18)

Вх. 32829 л. 152



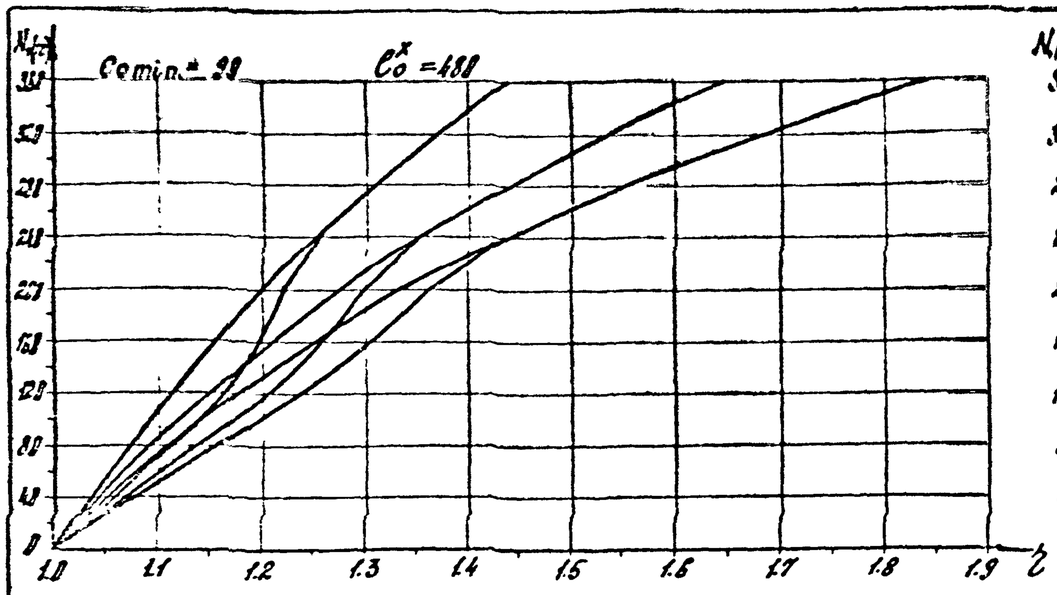


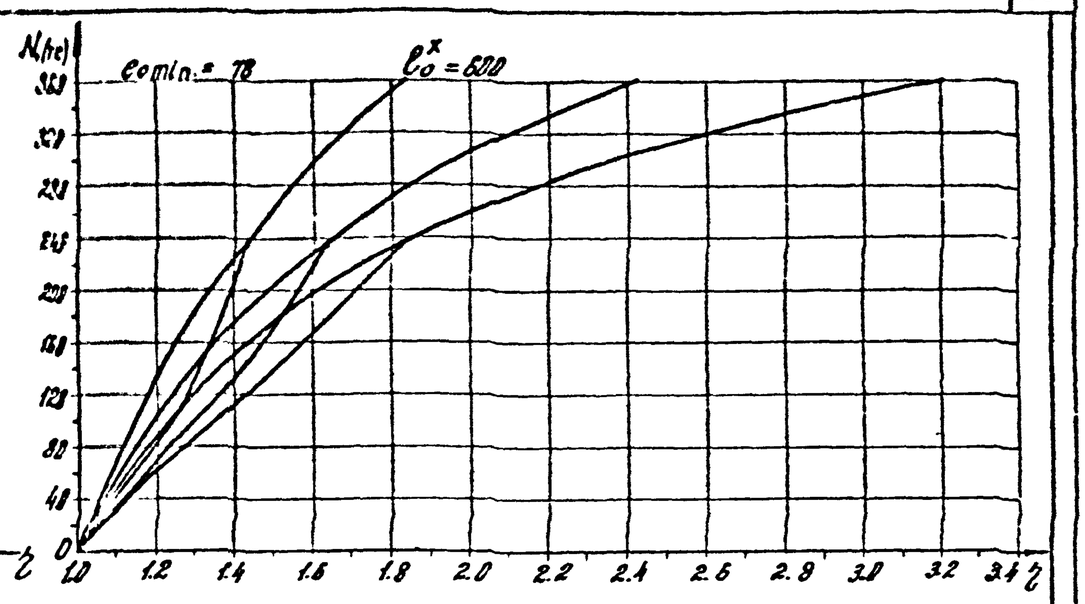
Вх. 32829 л. 153

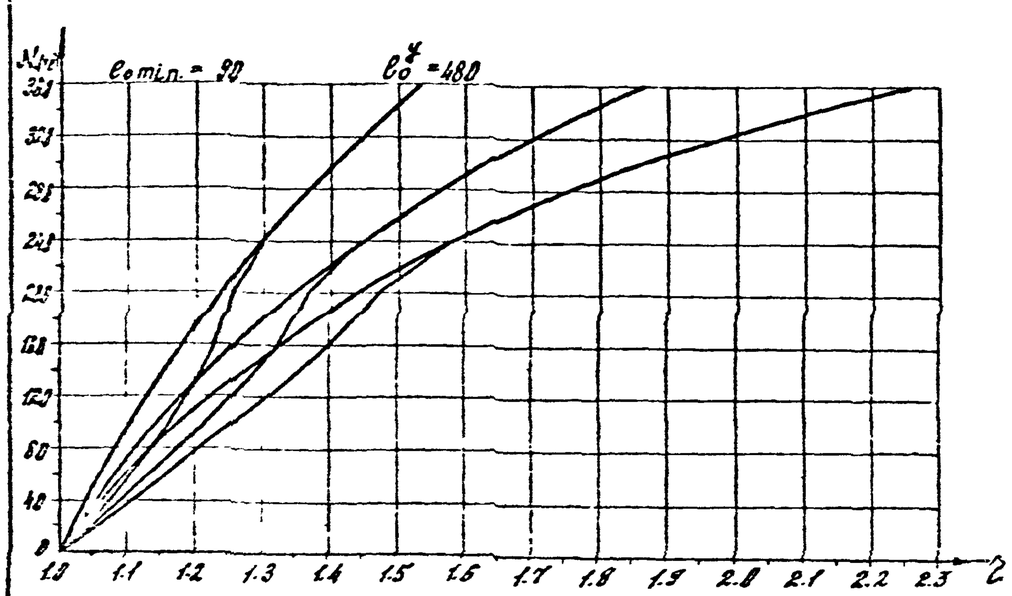


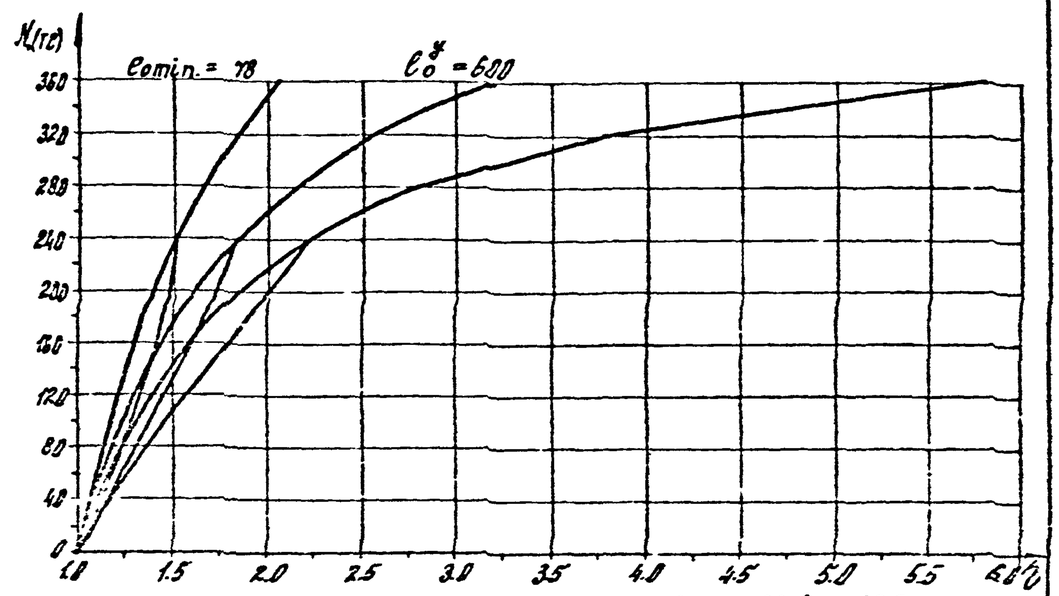
Класс бетона В30 (R_b = 155.7 кгс/см^2 при учете γ_{b2} = 0,9)

Шх 3.248.2-1 л.154

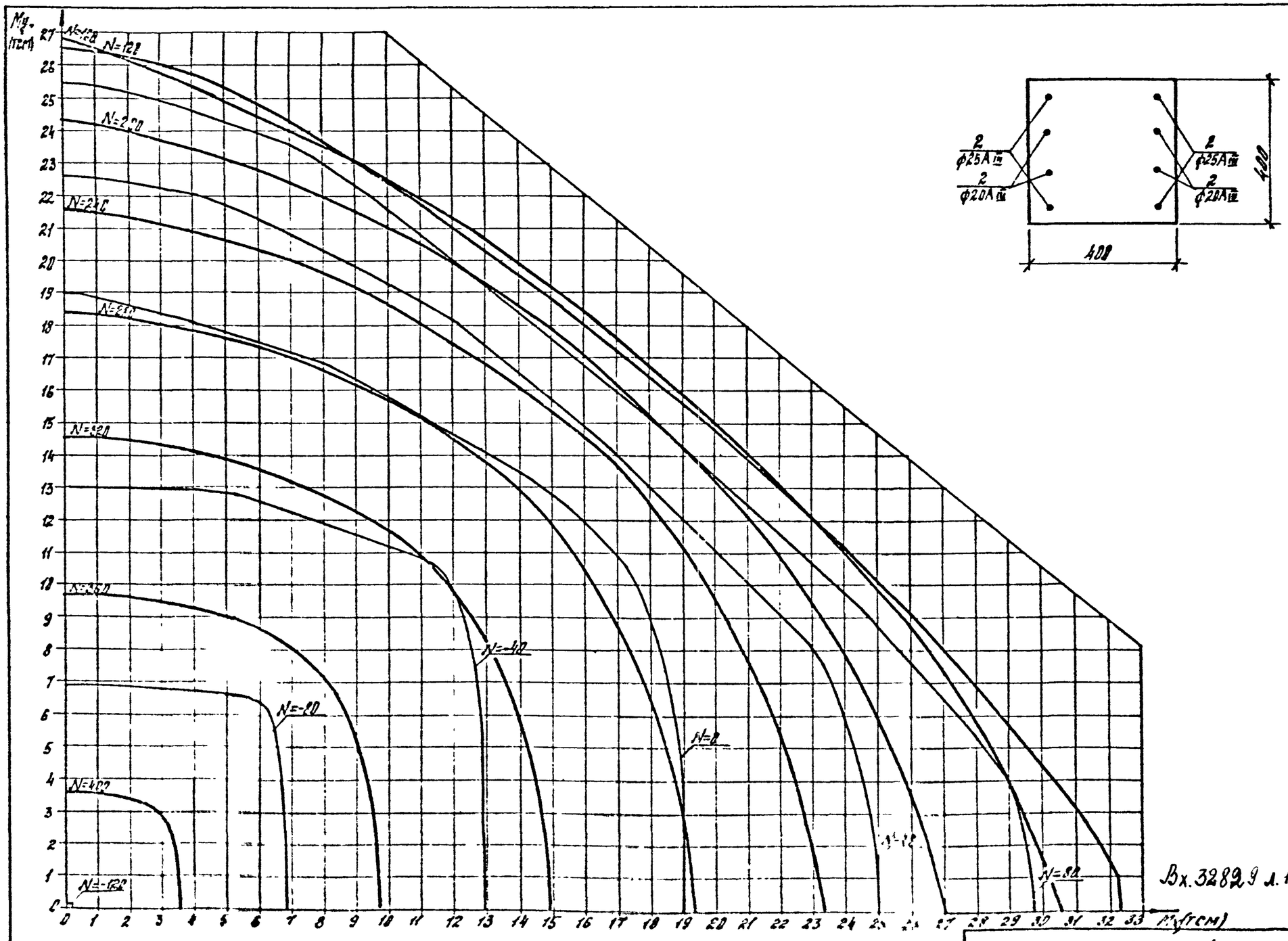






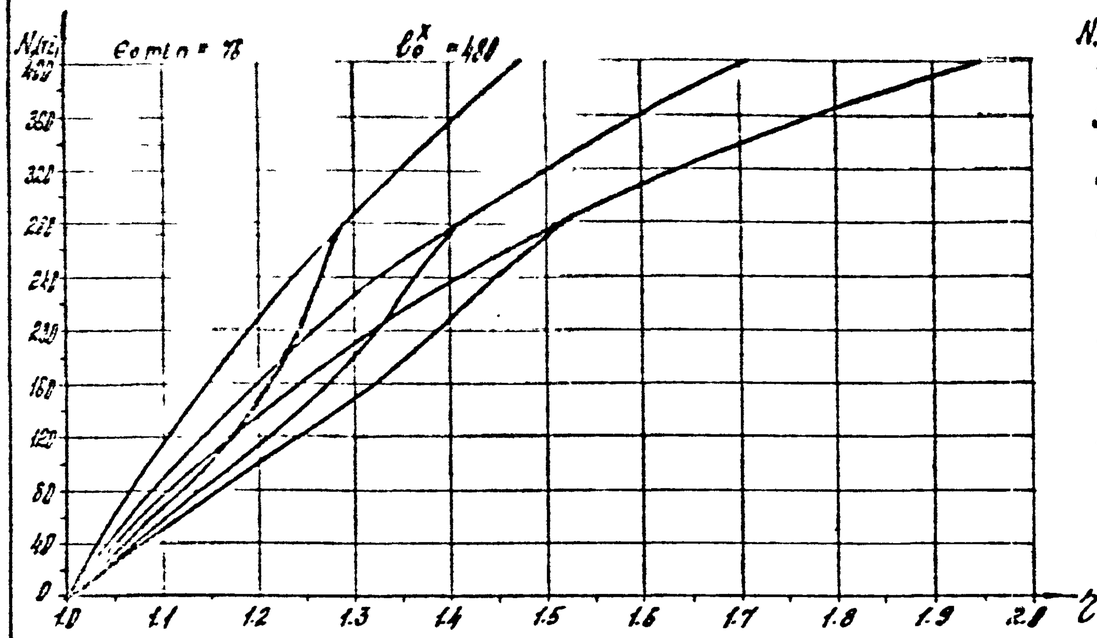


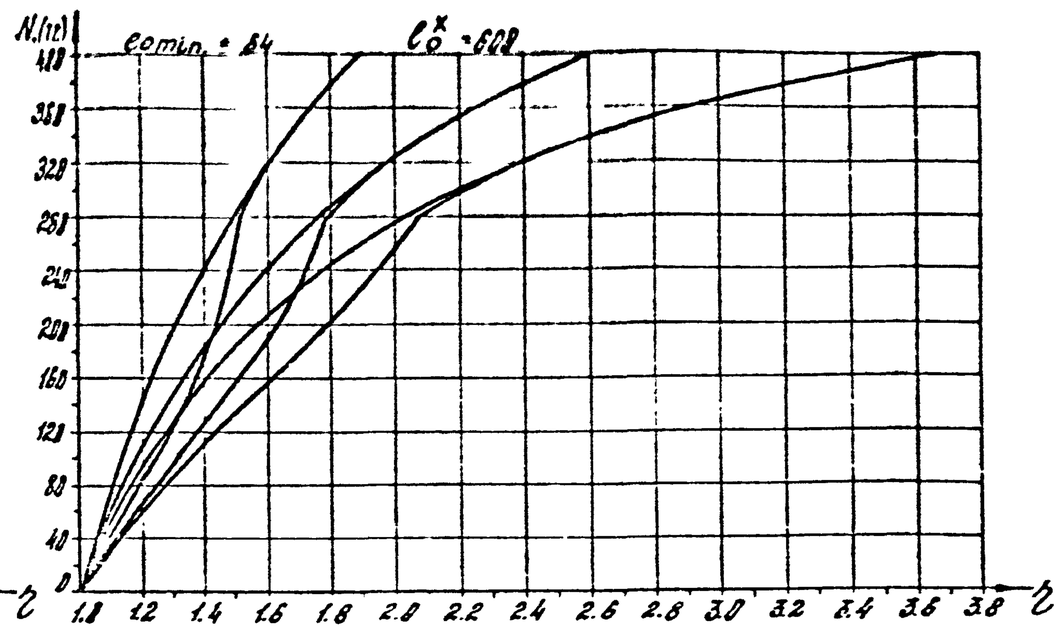
Вх. 32829 л. 155

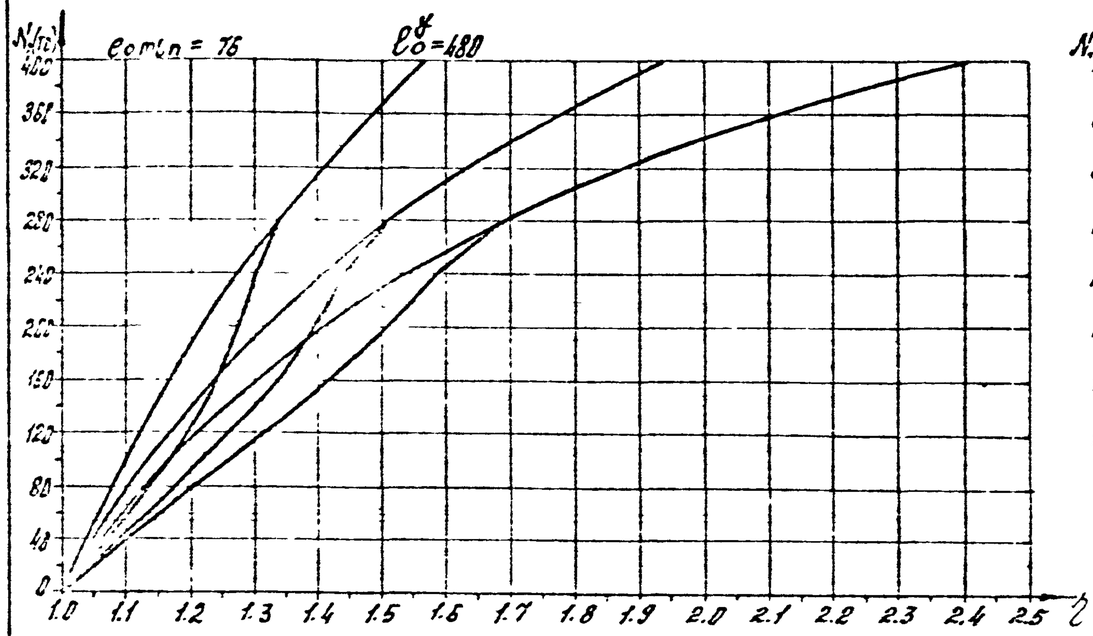


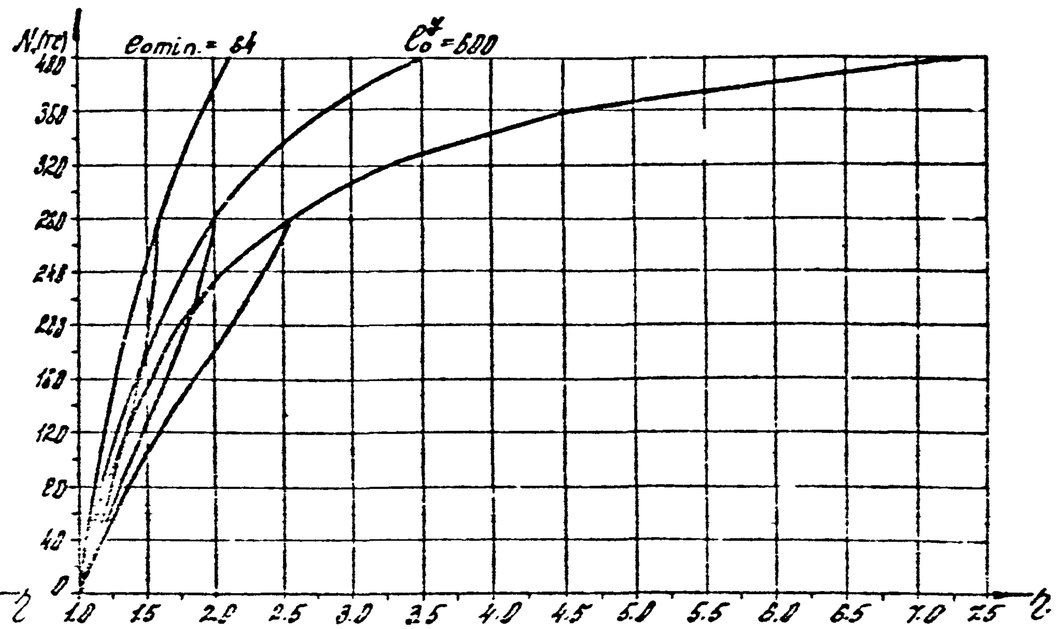
Вх.32829 л.156

Класс бетона В20 (Rб=190.35кгс/см² при учете $\gamma_{б2}$=1.10)

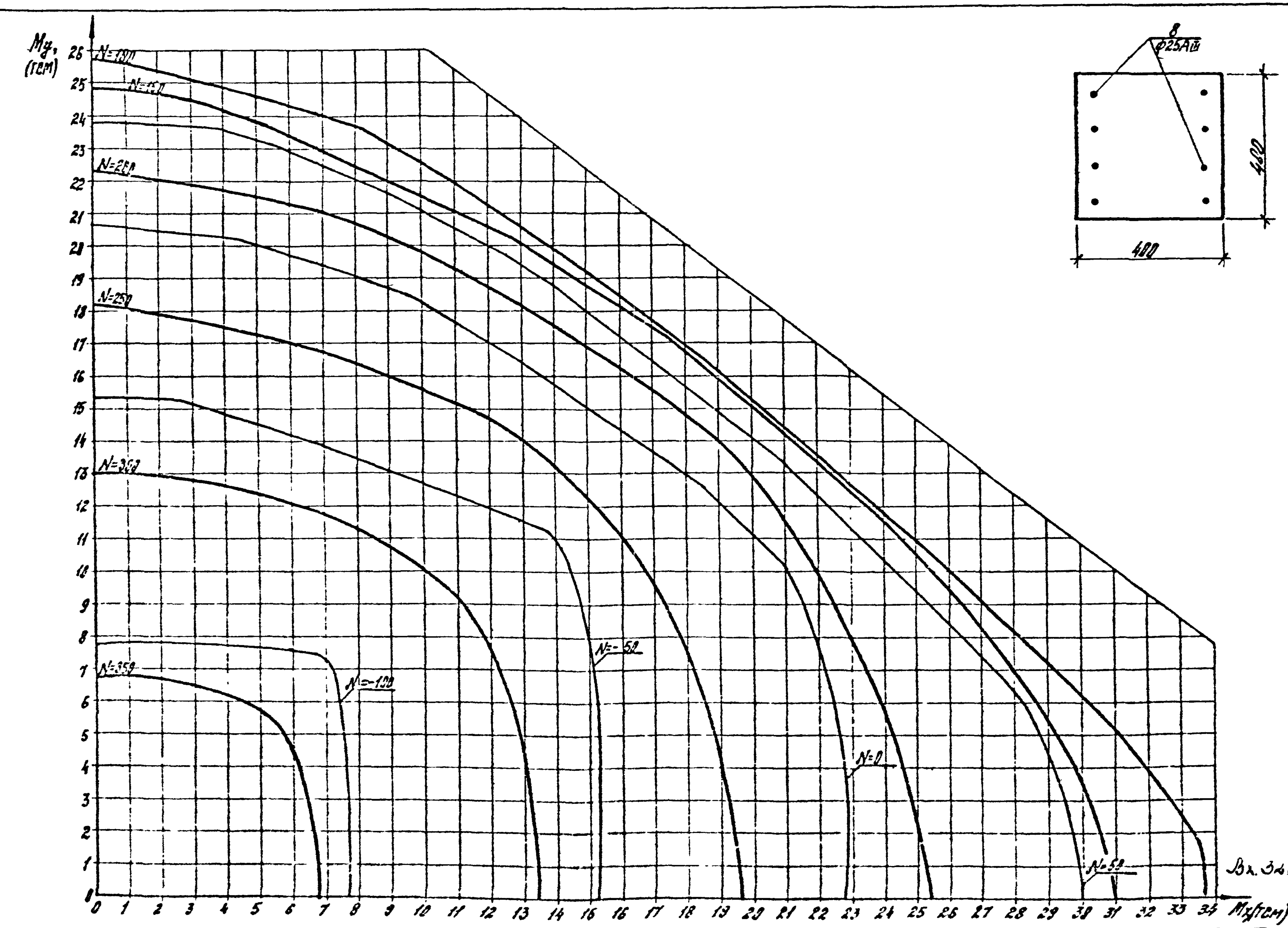








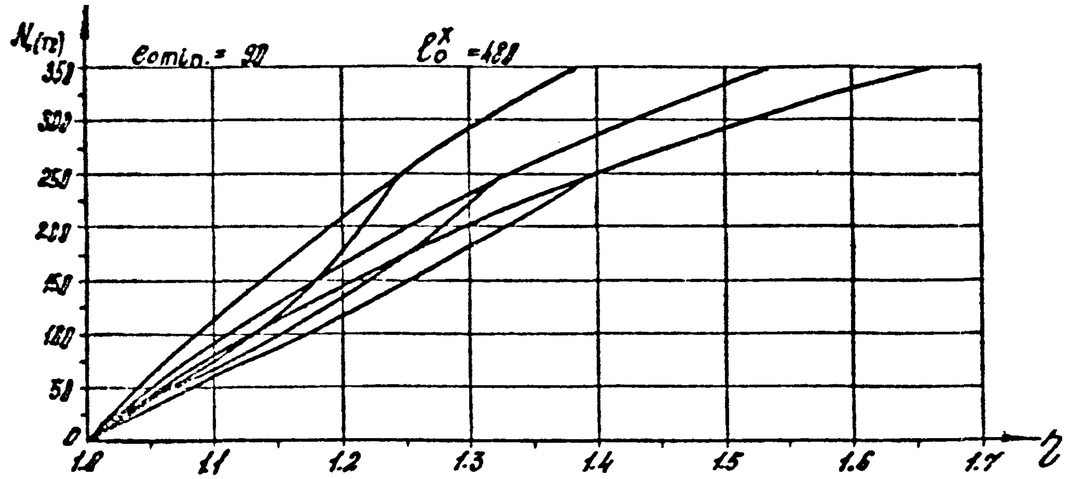
Вх. 32829 л. 157

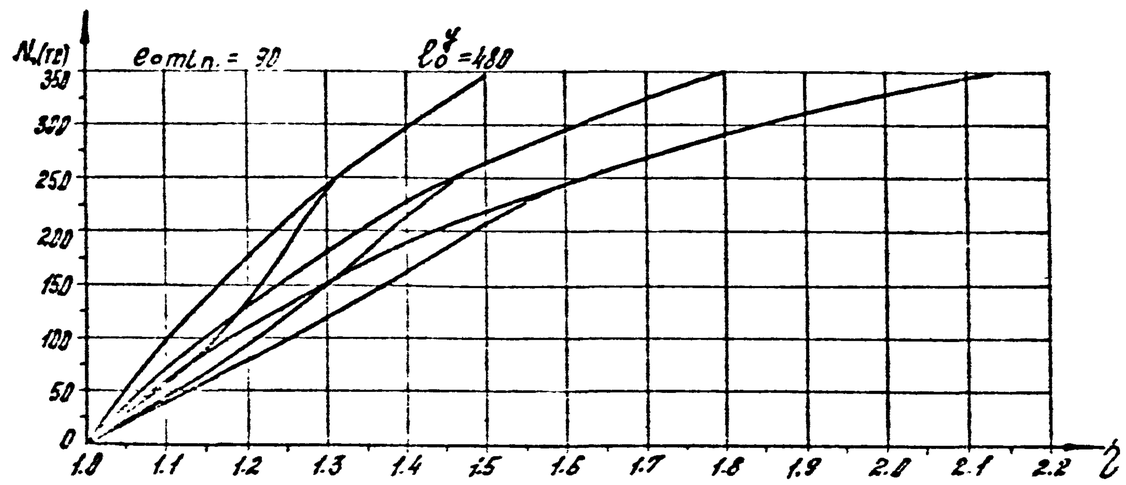


Вх. 3498к9 л.15х

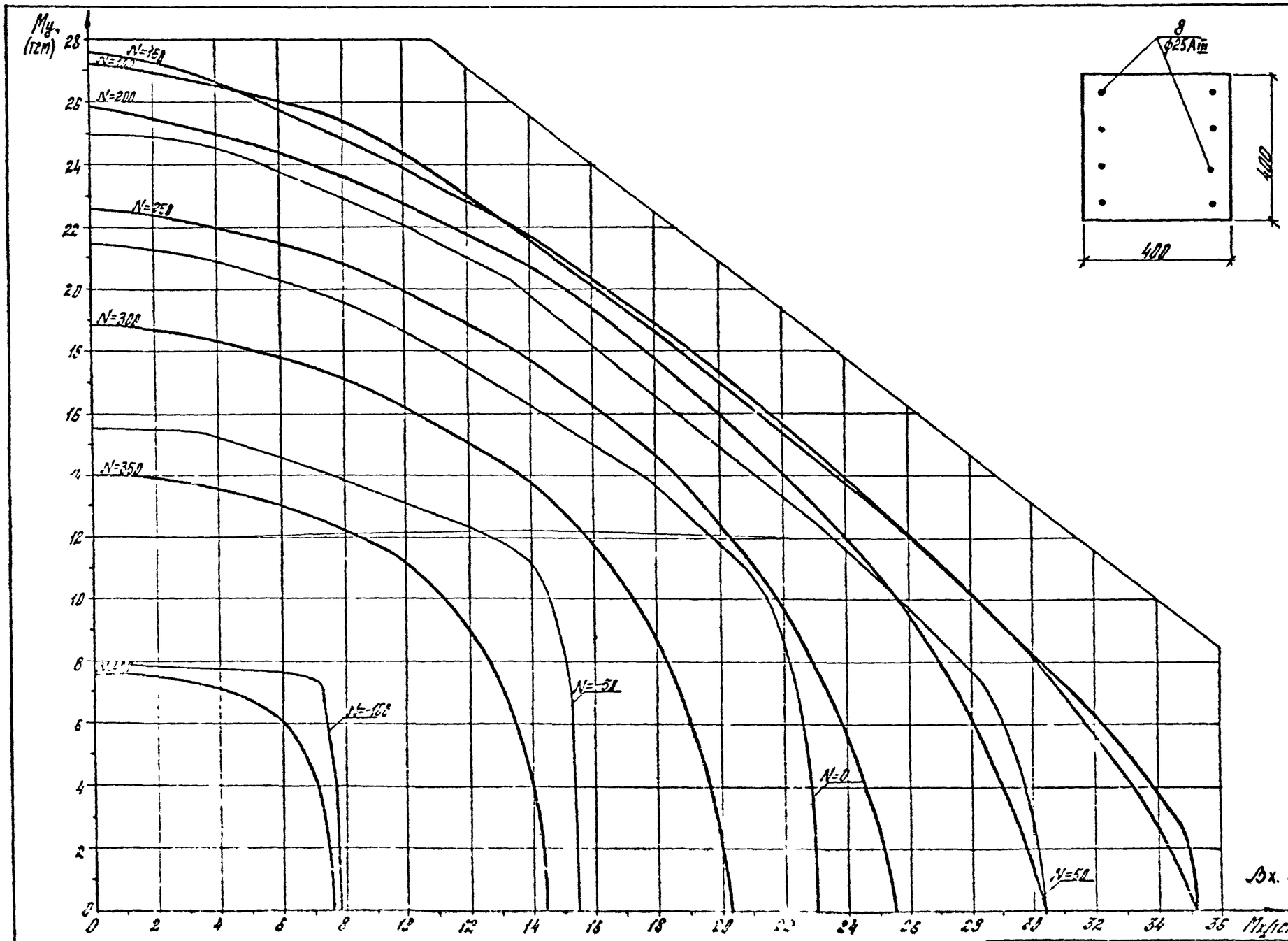
Класс бетона В30 (Rб=155.7кгс/см² при учете γб2=90)

1.020 – 1/87. 0-6- 3 ПЗ



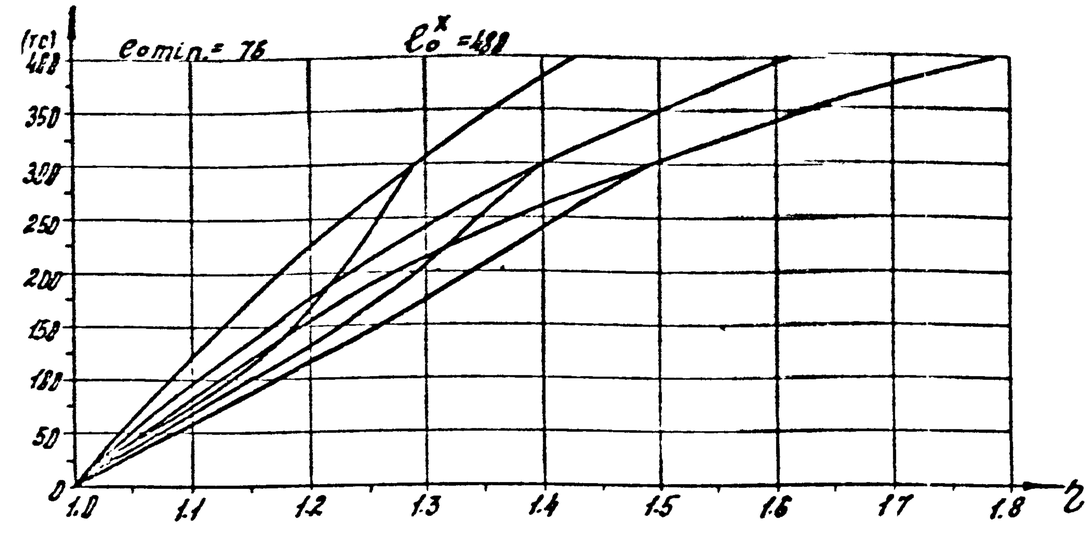


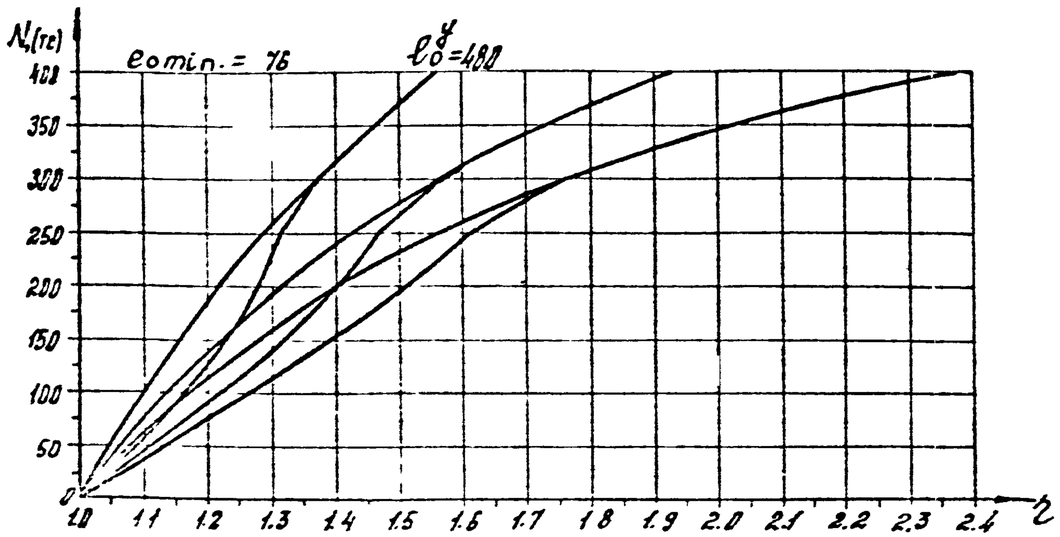
Вх. 32829 л. 159



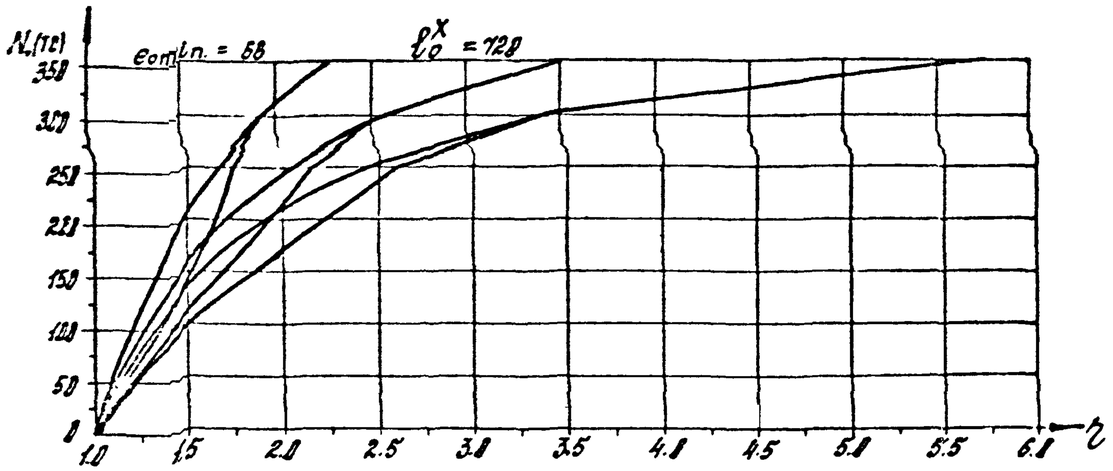
Вх. 32829 л. 160

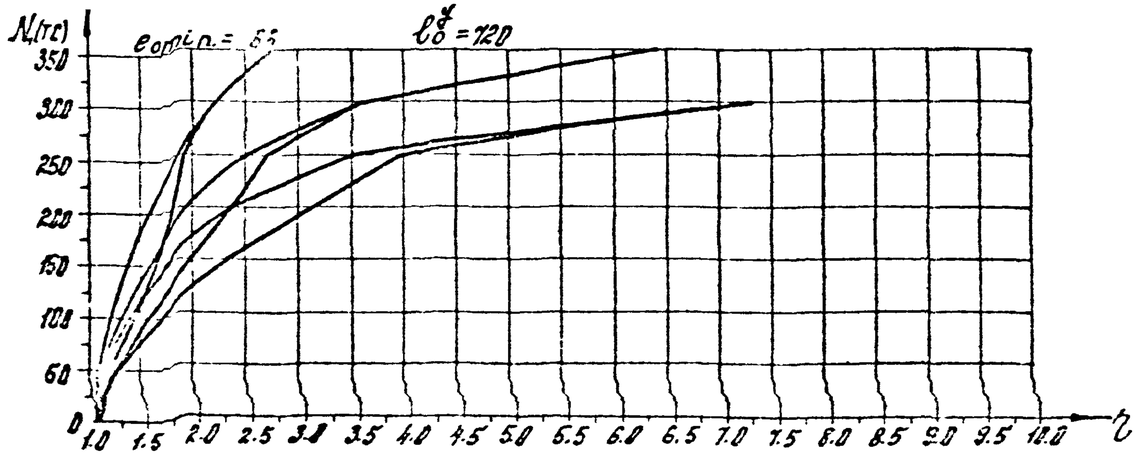
Класс бетона В30 (Rb=130 кгс/см² при γb2=1.15)



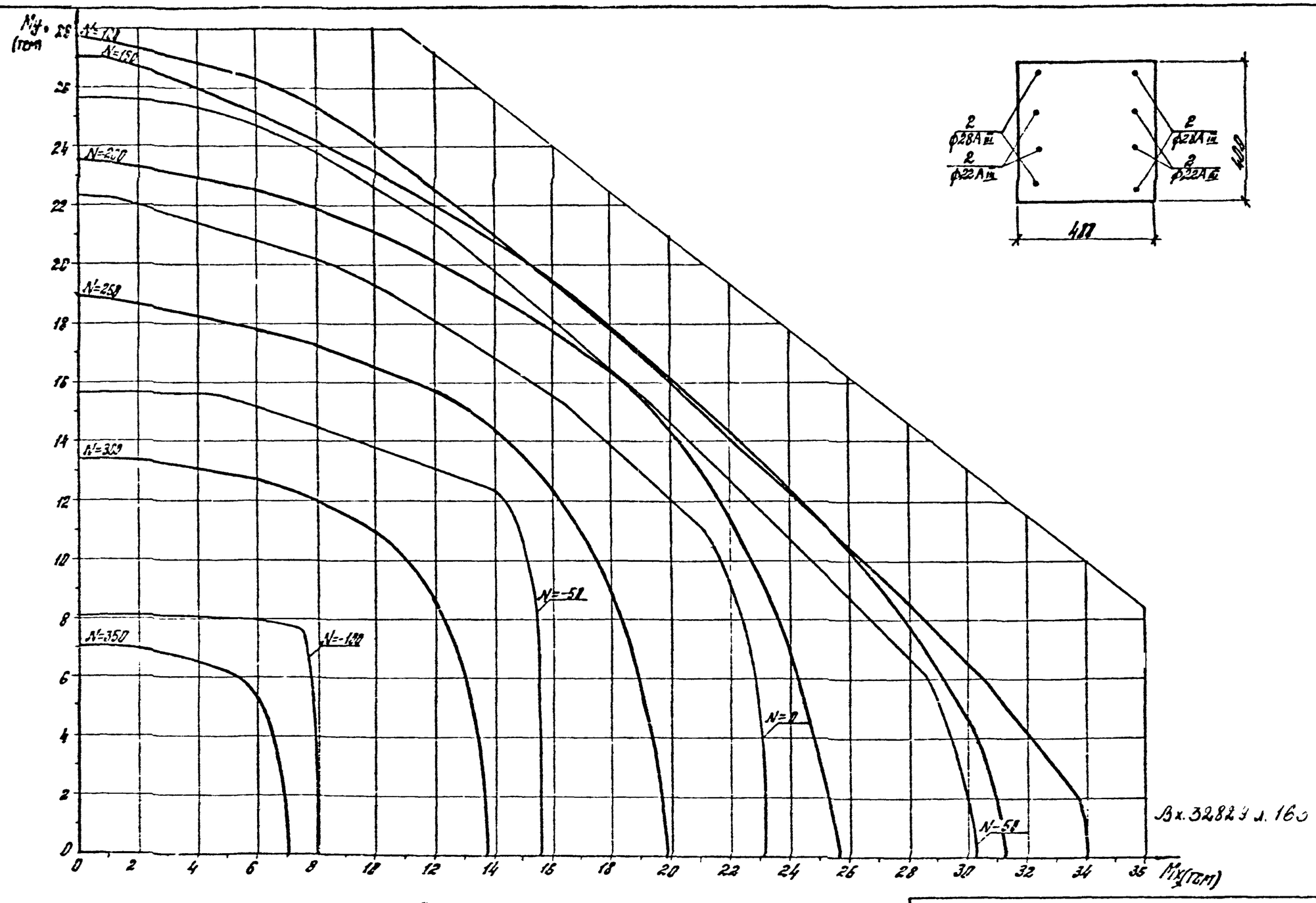


Вх. 32859 л. 161



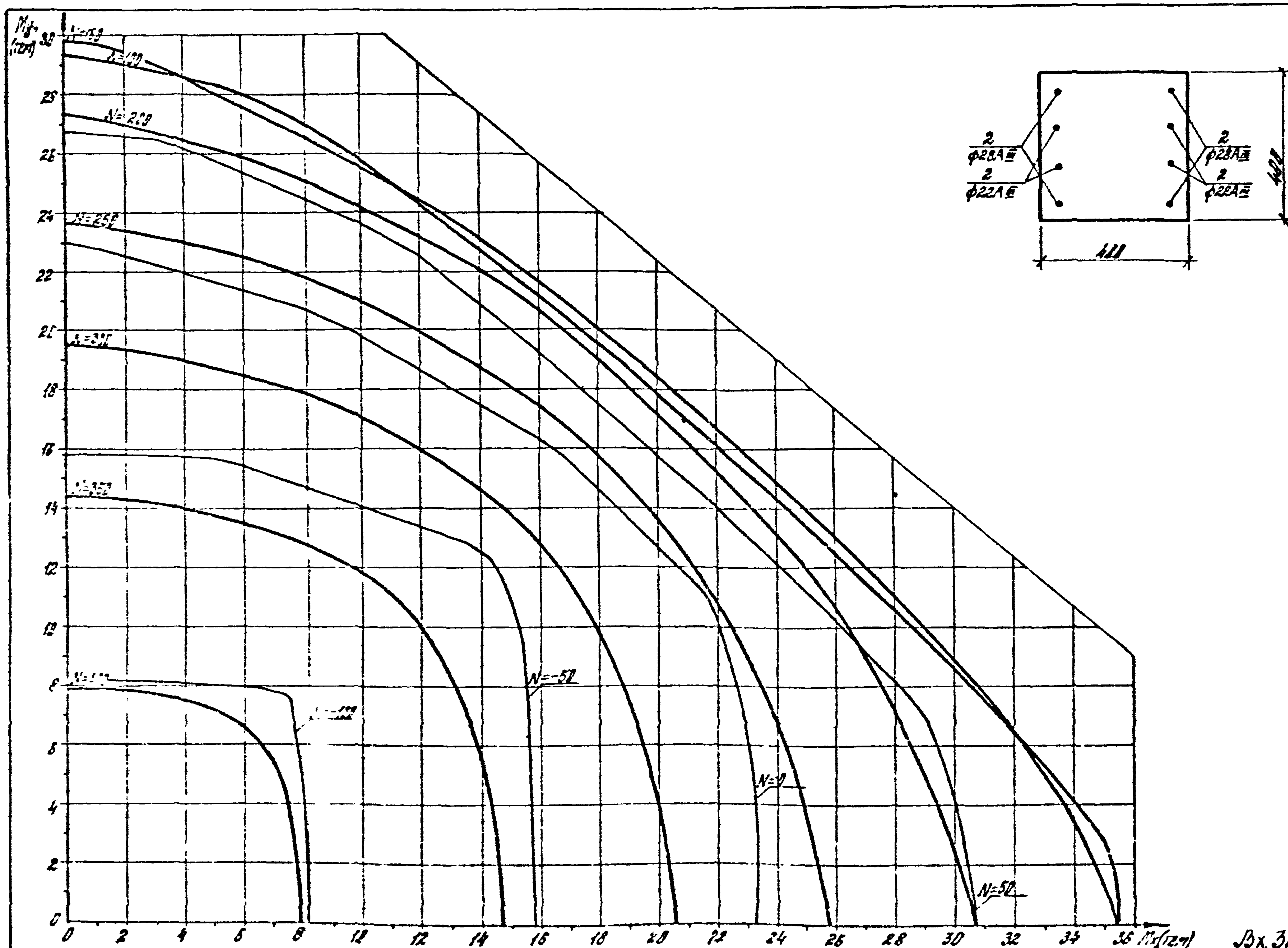


Вх. 32829 л.162



Вх. 32823 л. 160

Класс бетона В30 (R_b=155.7кгс/см² при учете γ_{b2}=0,9)



Класс бетона В30 (Rb = ... кгс/см² при учете γb2 = 1.10)

Вх. 32829 л. 164

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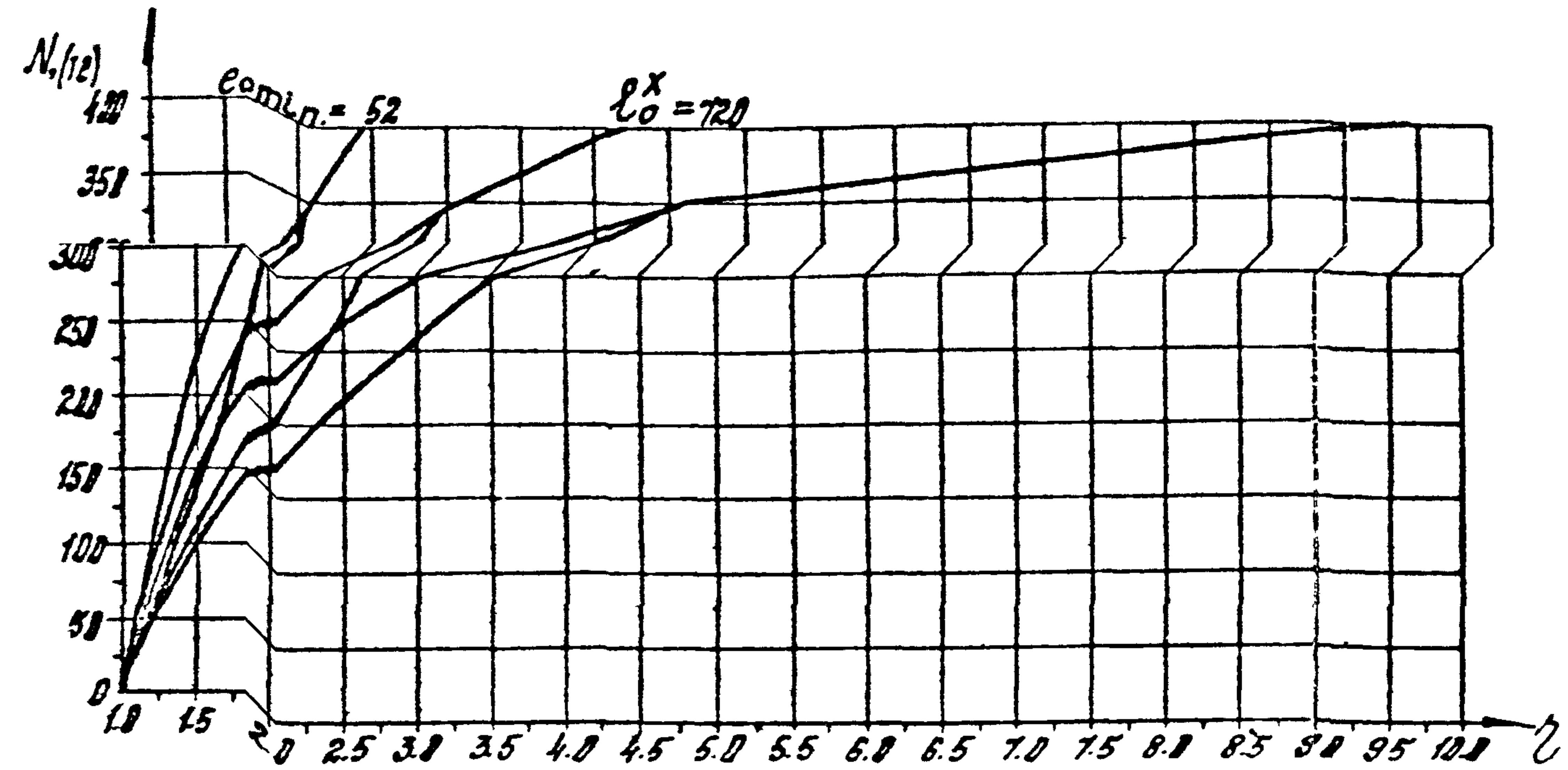
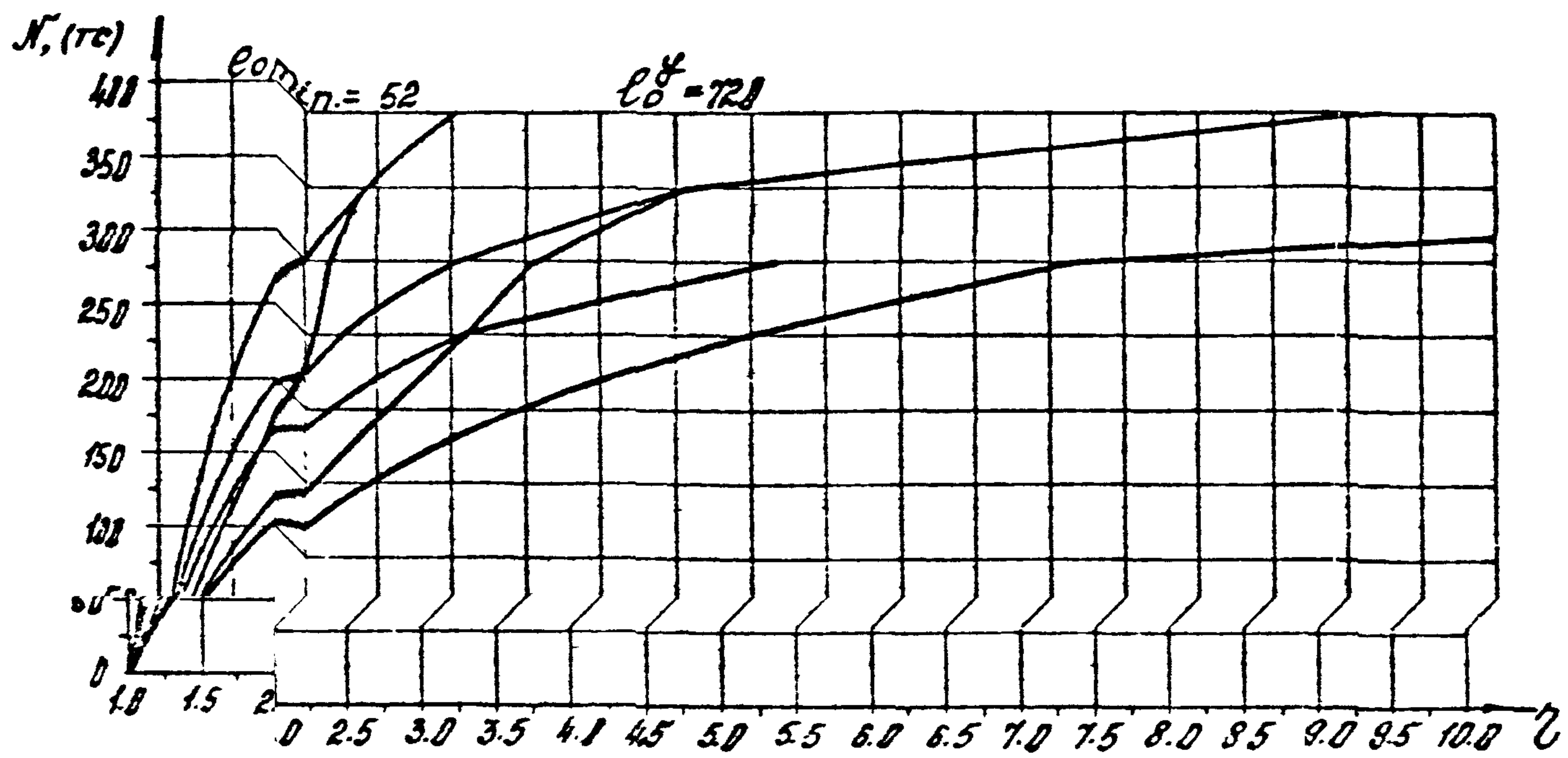
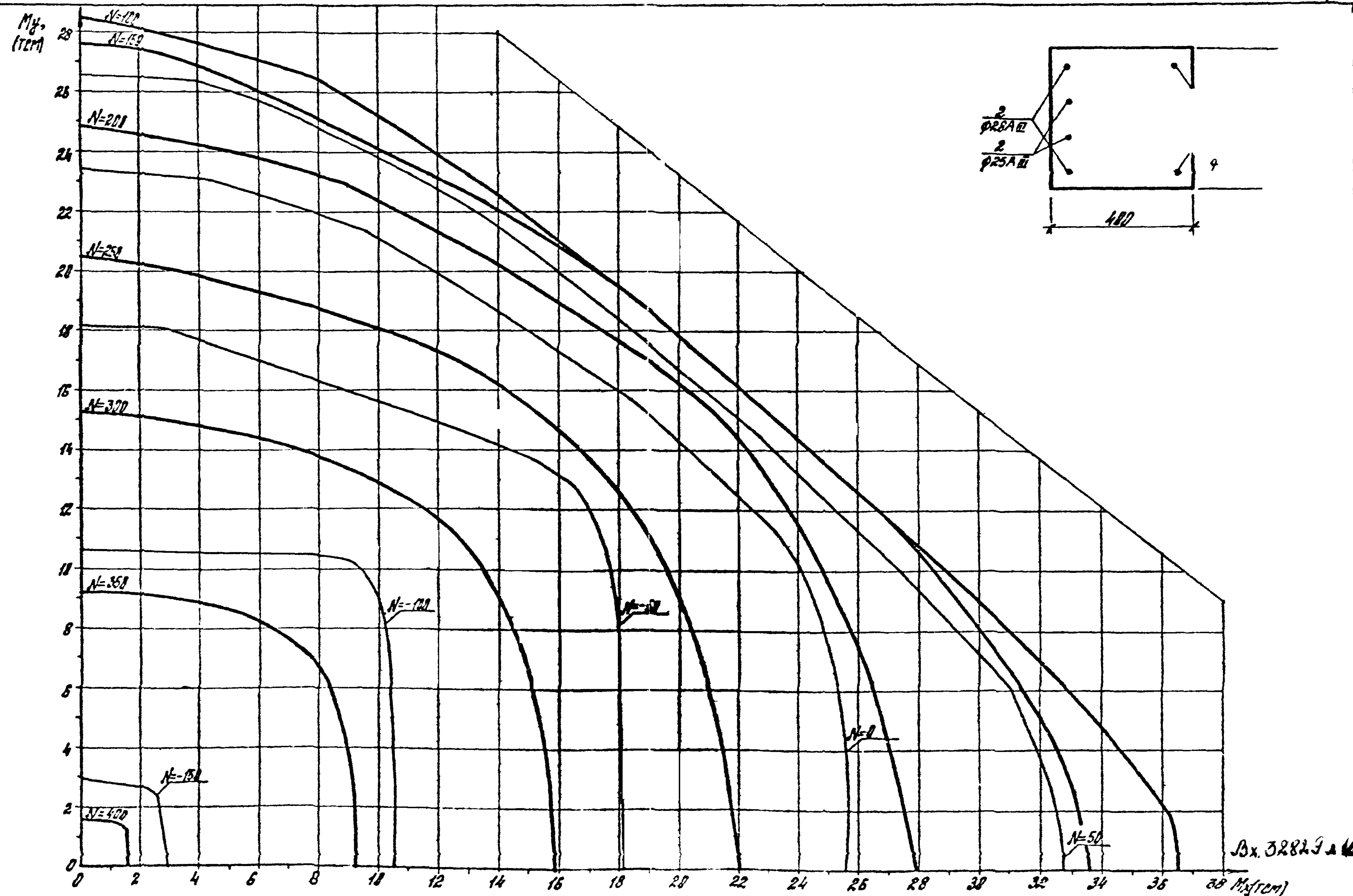




Инв. 3.2823 л.165

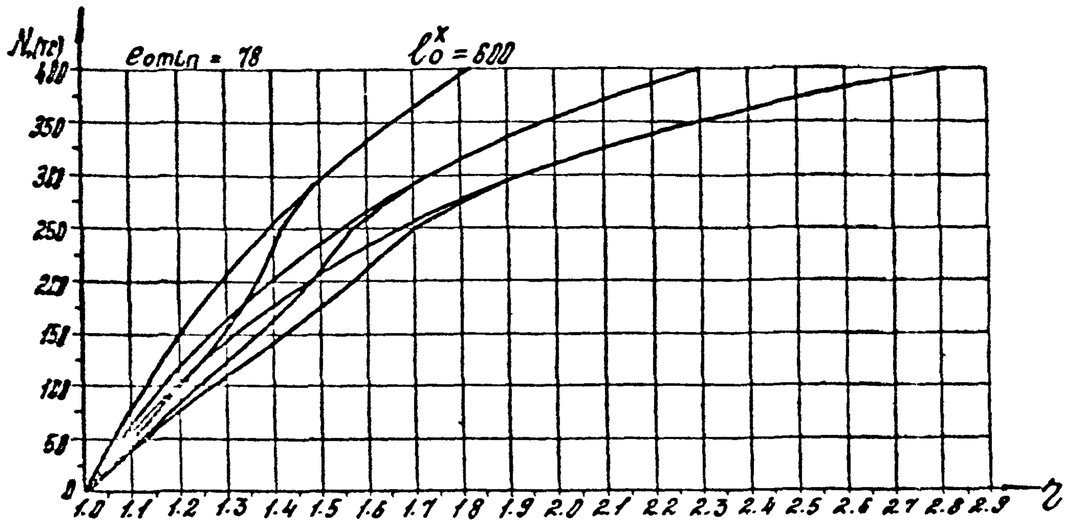
1.020-1/87. 0-6- 3 ПЗ	Лист 158

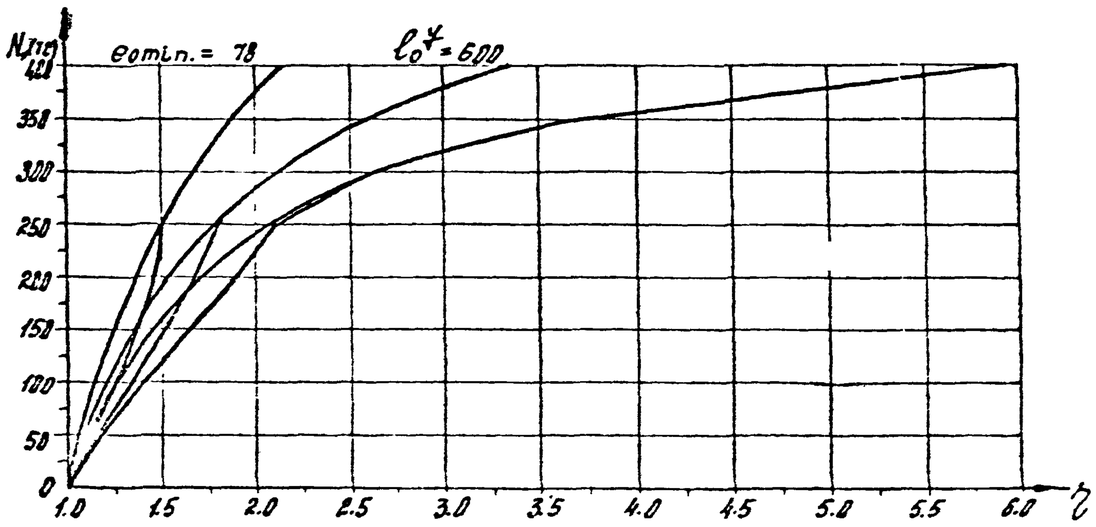


класс бетона В30 (Rb=155. 7кгс/см² при учете γ_{b2}=0,9)

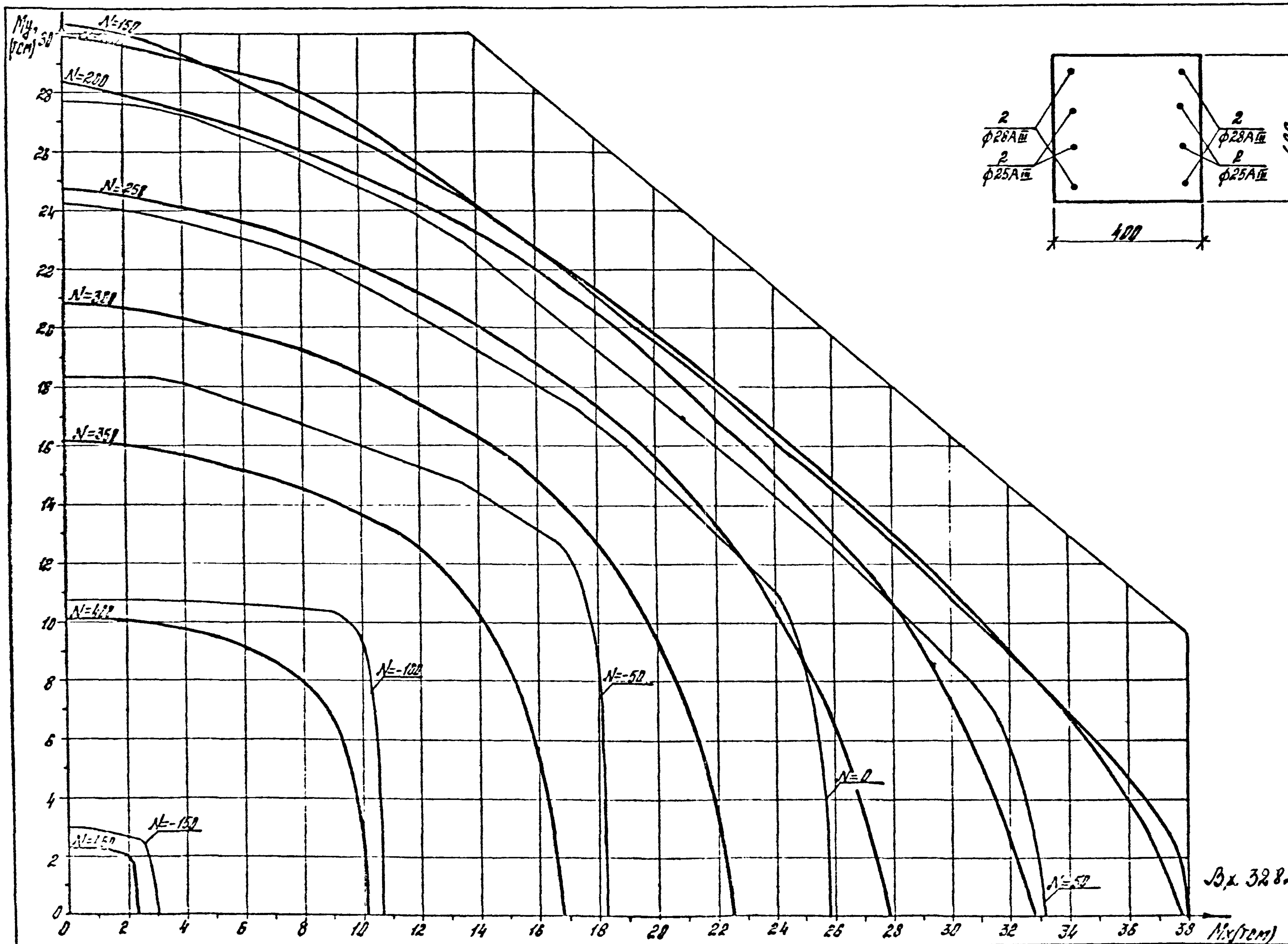
Вх. 32829 л 166

1.020-1/87.0-6-3 ПЗ



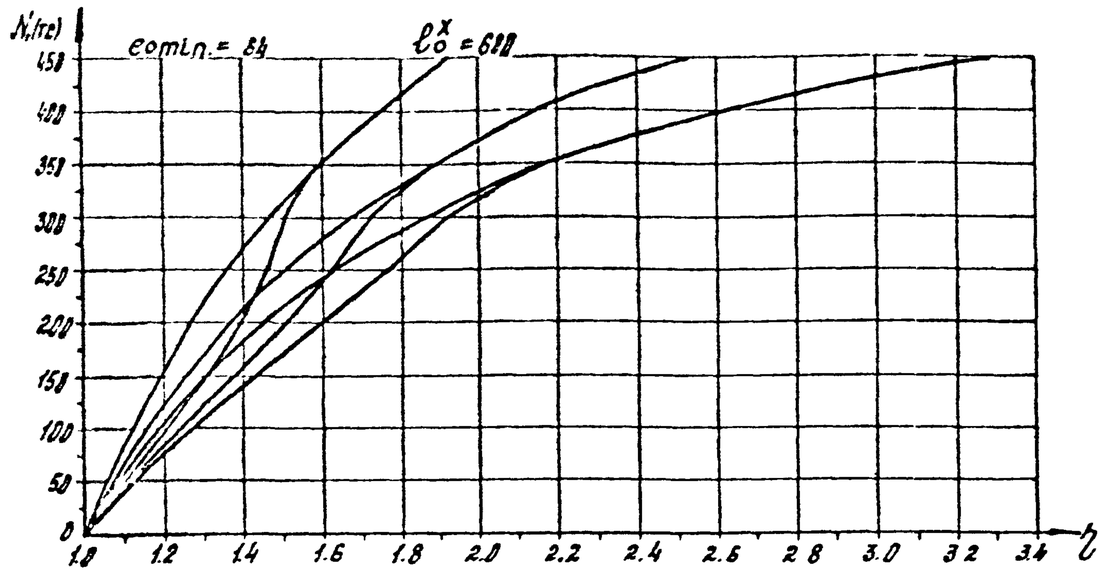


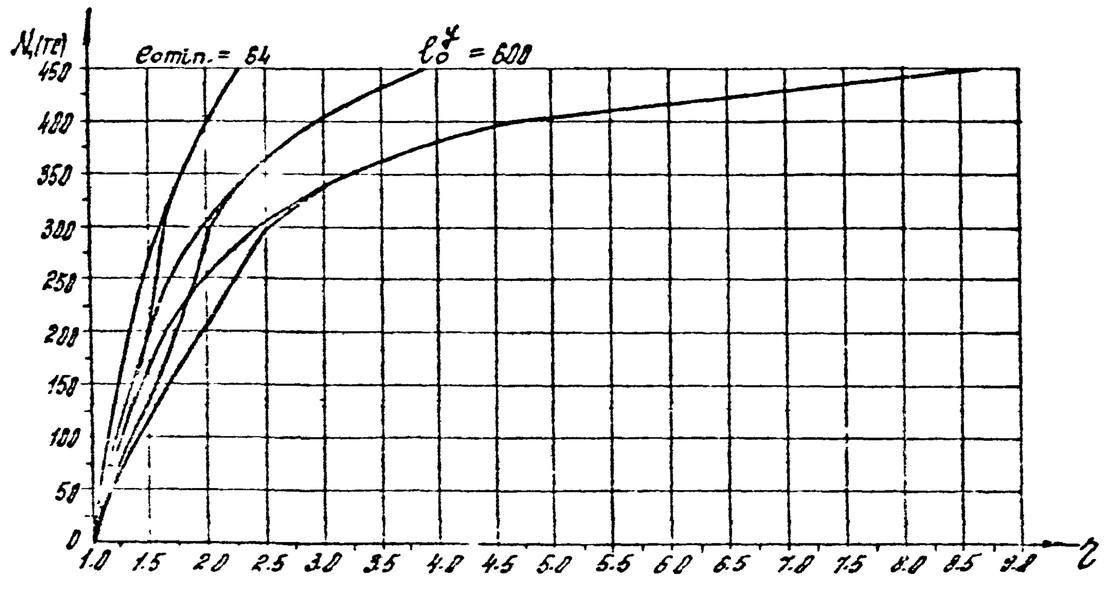
Вх. 32829 л. 167



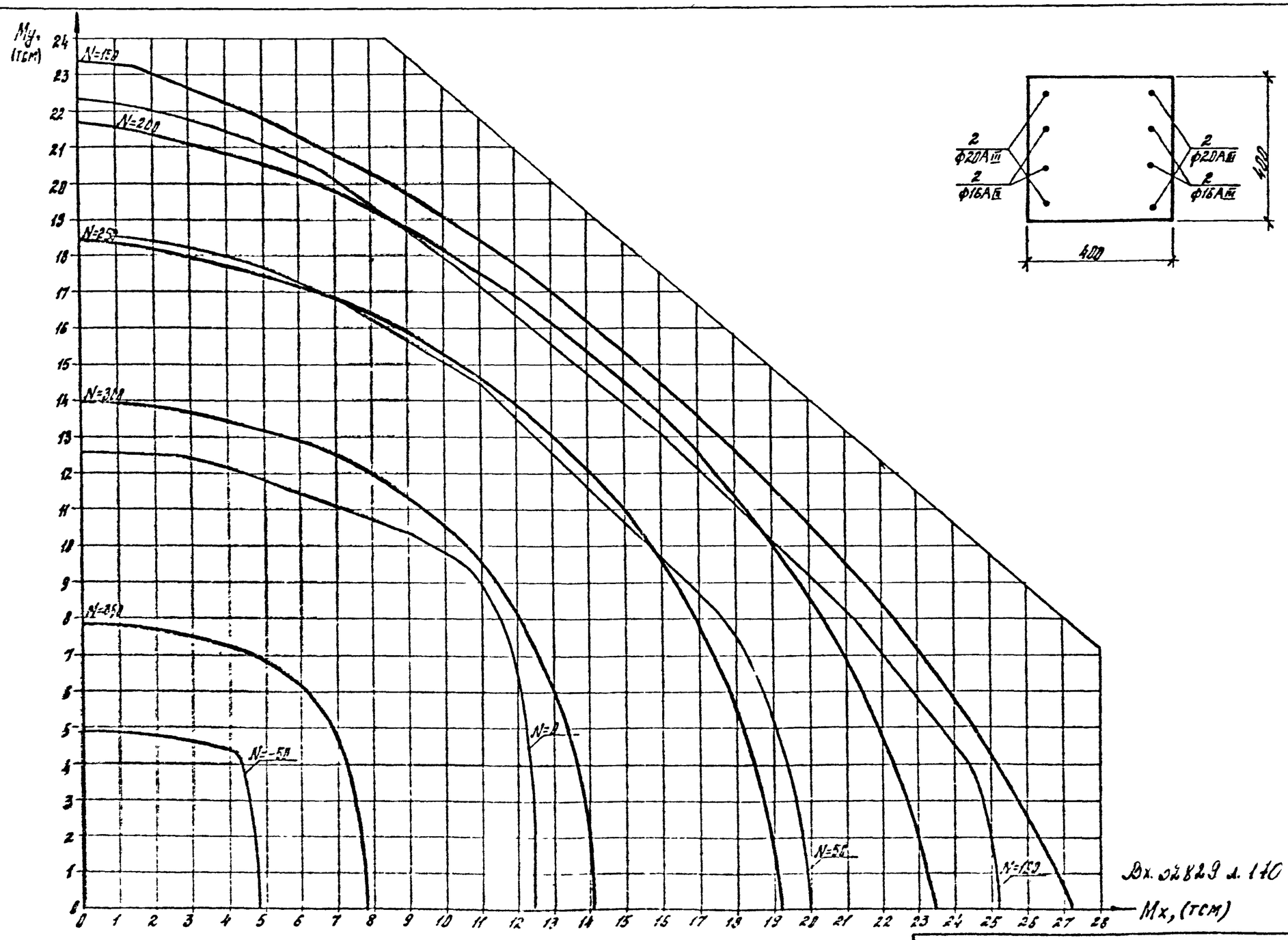
Класс бетона В30 (Rв=193.3кгс/см^2 при учете $\gamma_{в2}$=1.10)

Вх. 3282 9 л 168



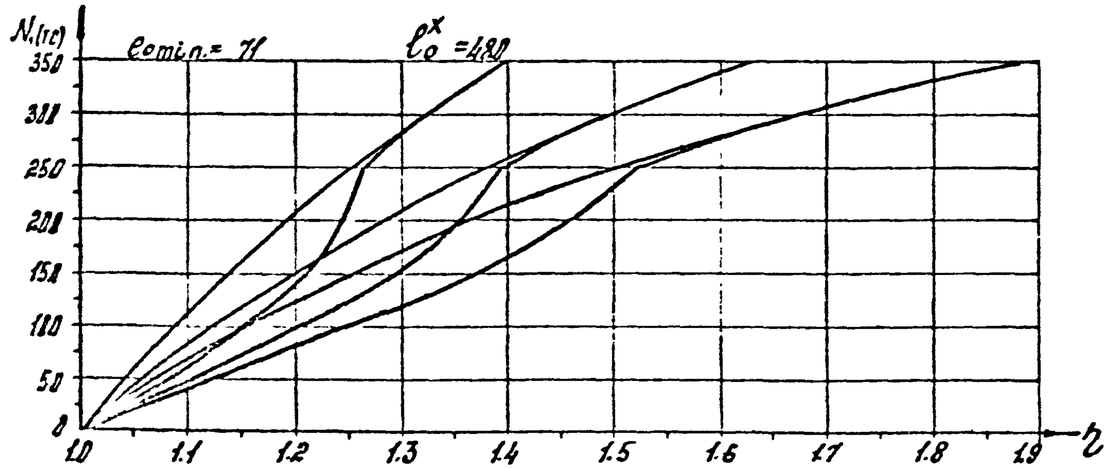


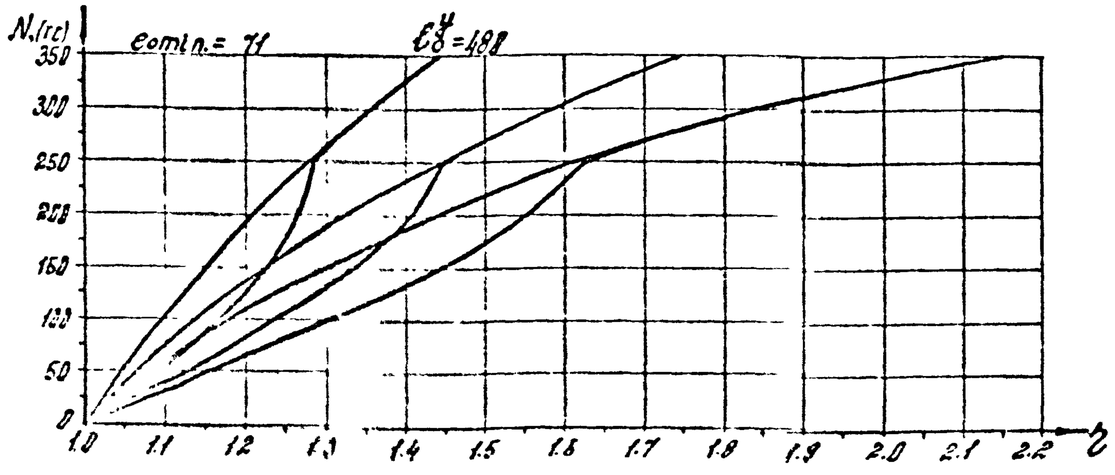
Вх. 32829 л. 169



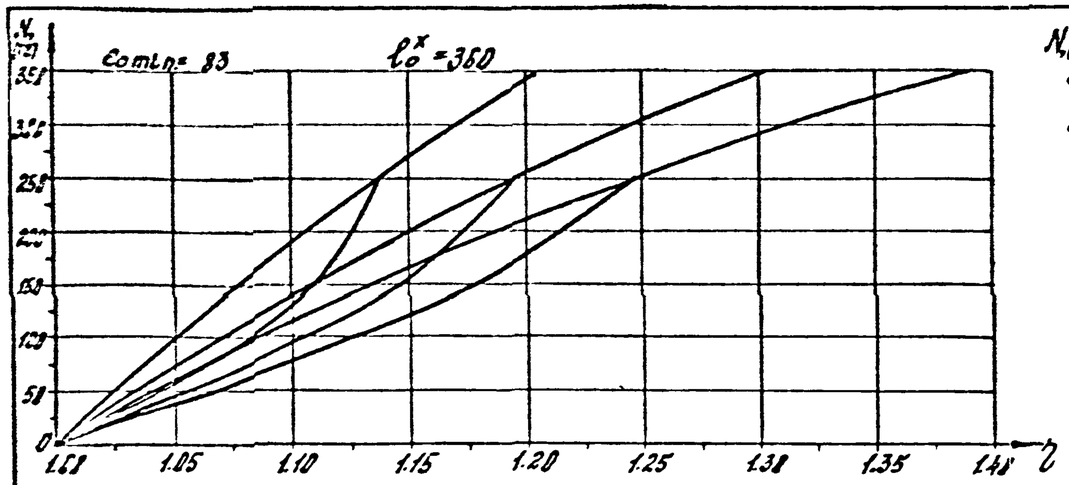
Вх. 02829 л. 110

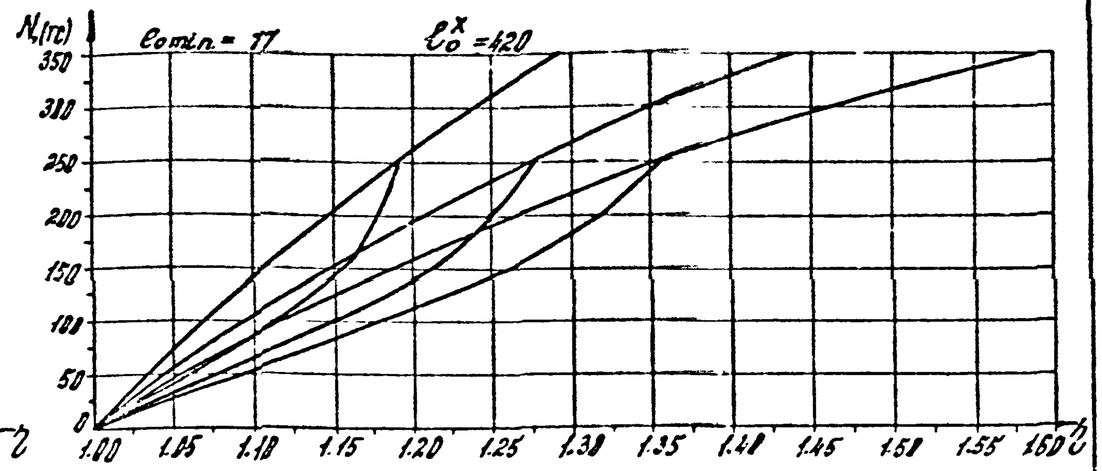
Класс бетона В40 (Rб=201 кгс/см² при учете γb2=0,9)

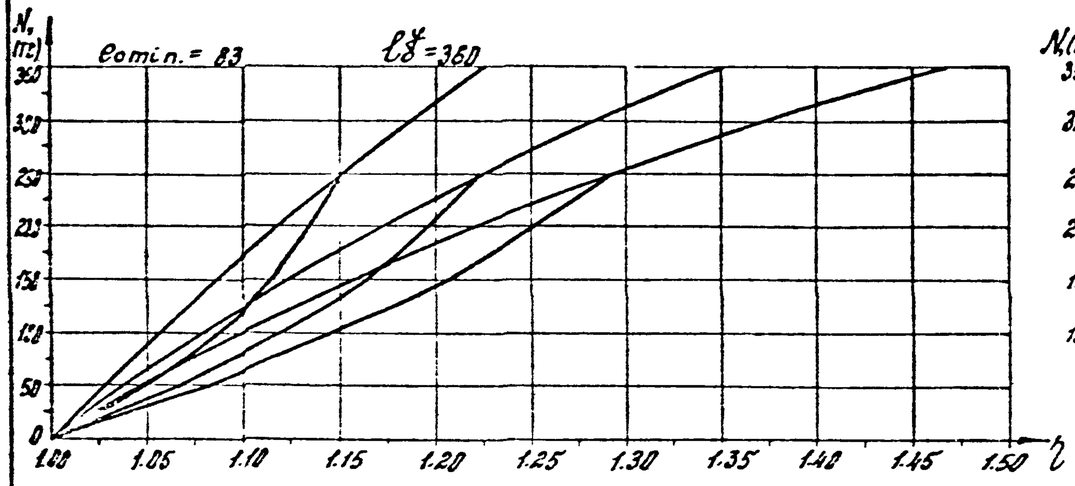


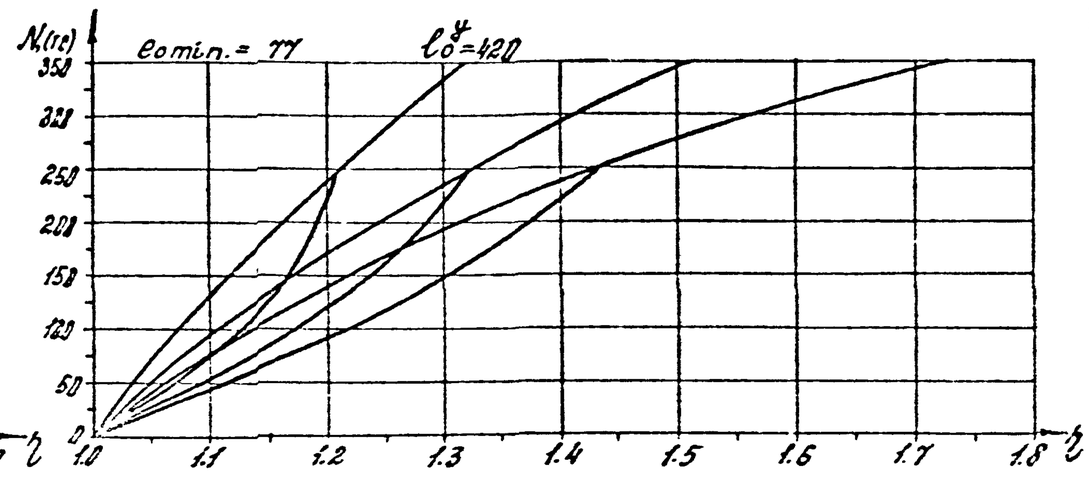


Вх. 32829 л.171

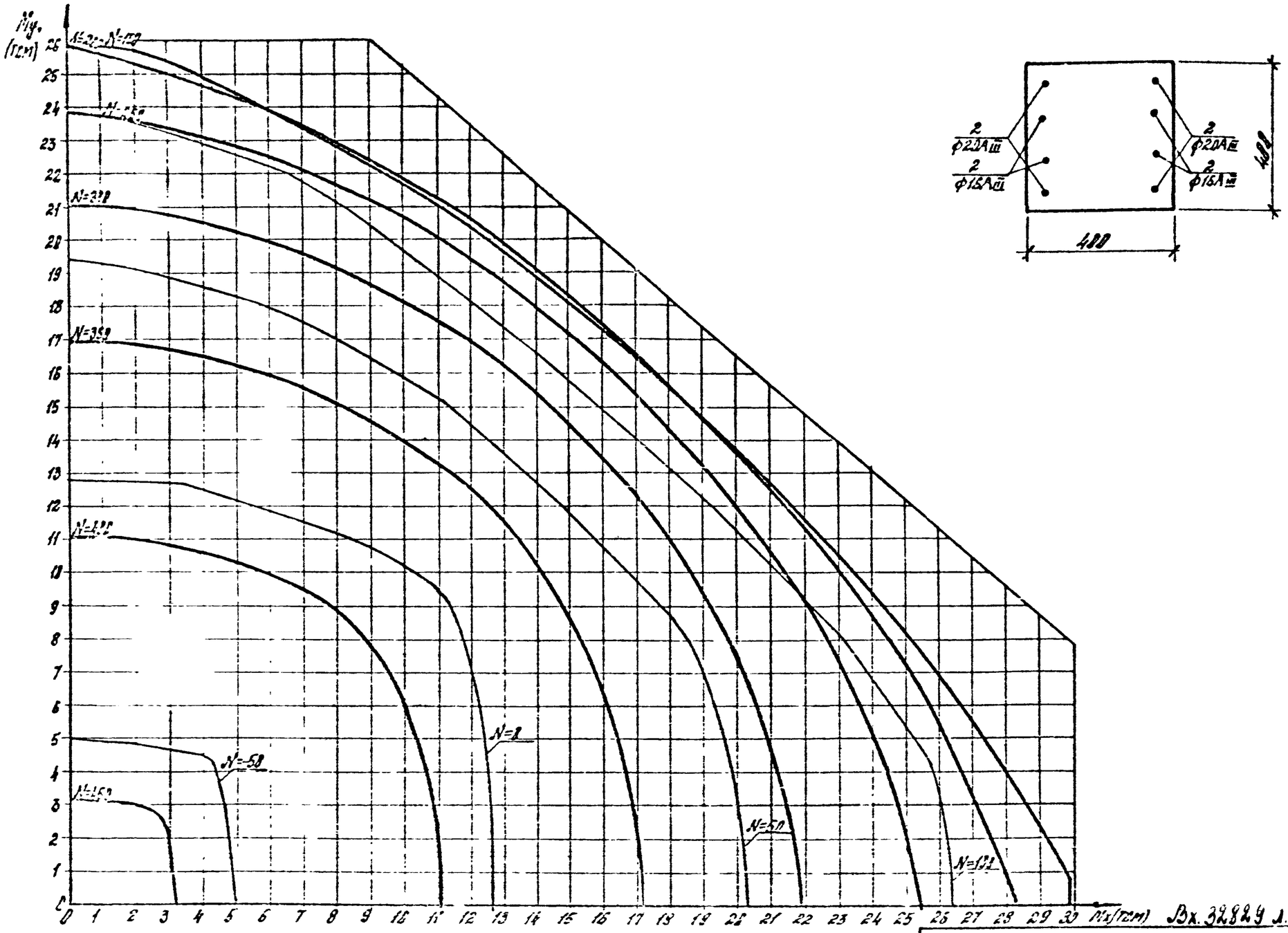






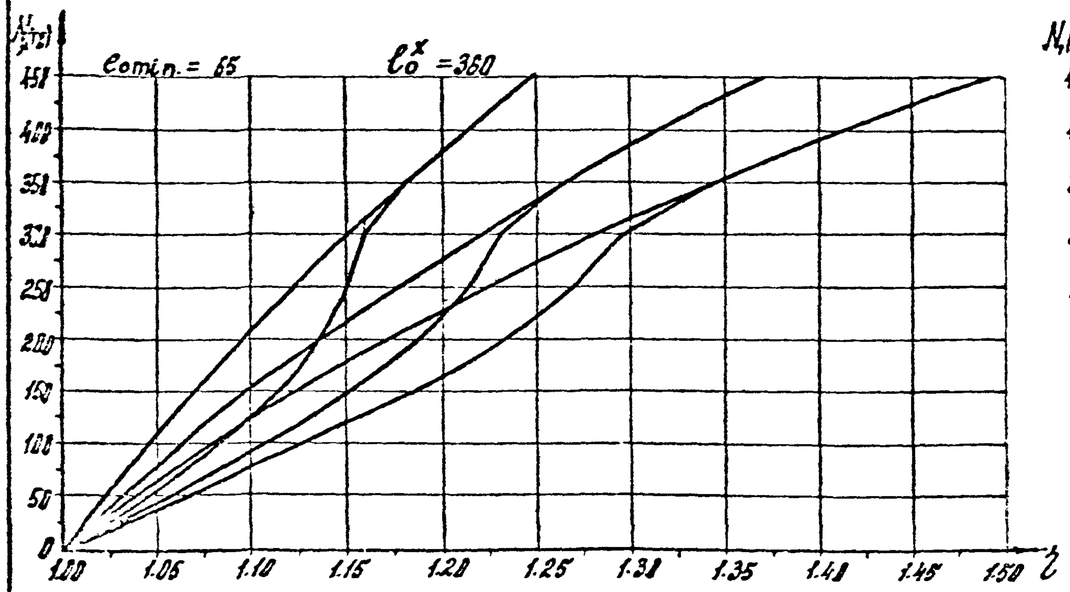


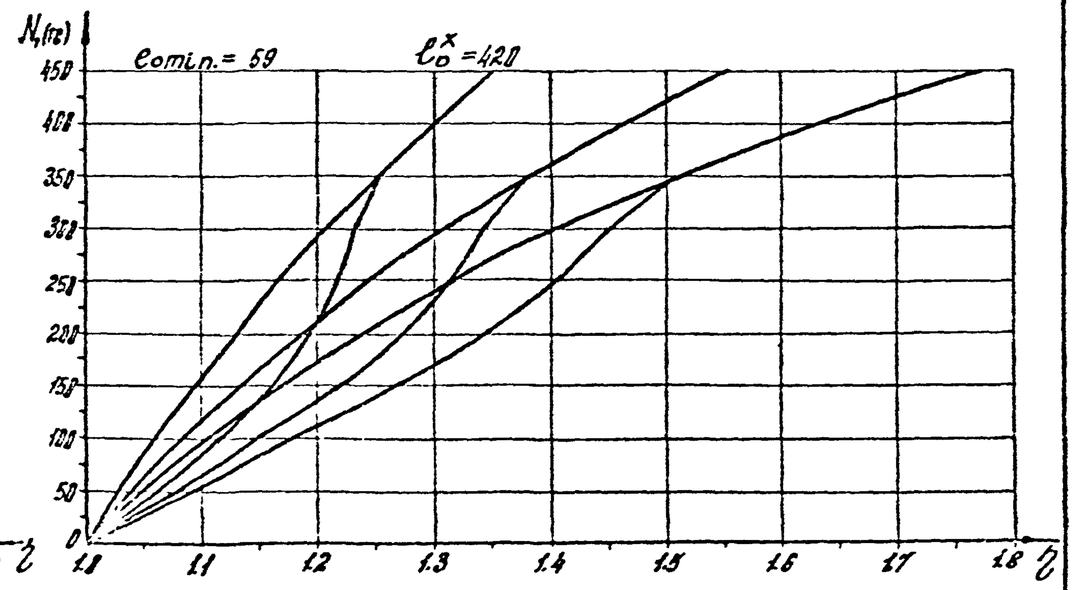
Вх.32829 л.112

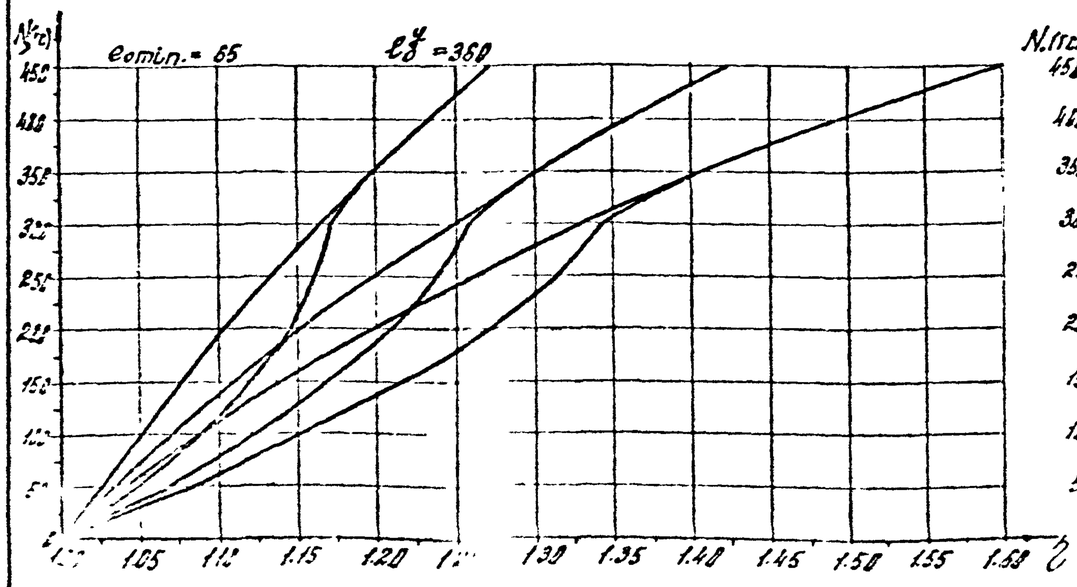


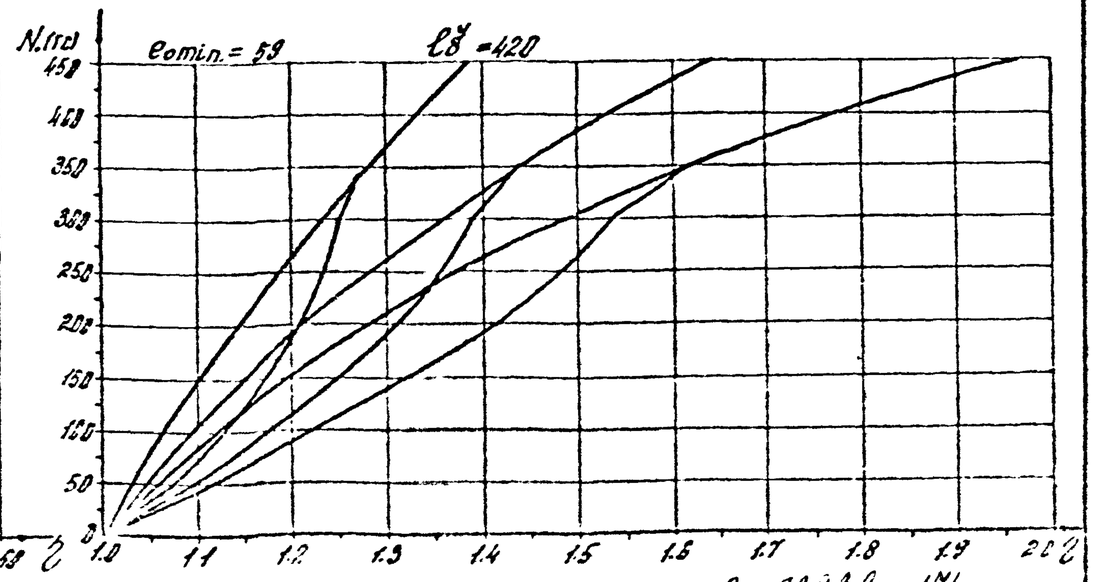
Вх.32829 л.173

класс бетона В40 (R_b=2Кгс/см²; R_{bp}=4Кгс/см² при учете γ_{b2}=1.10)

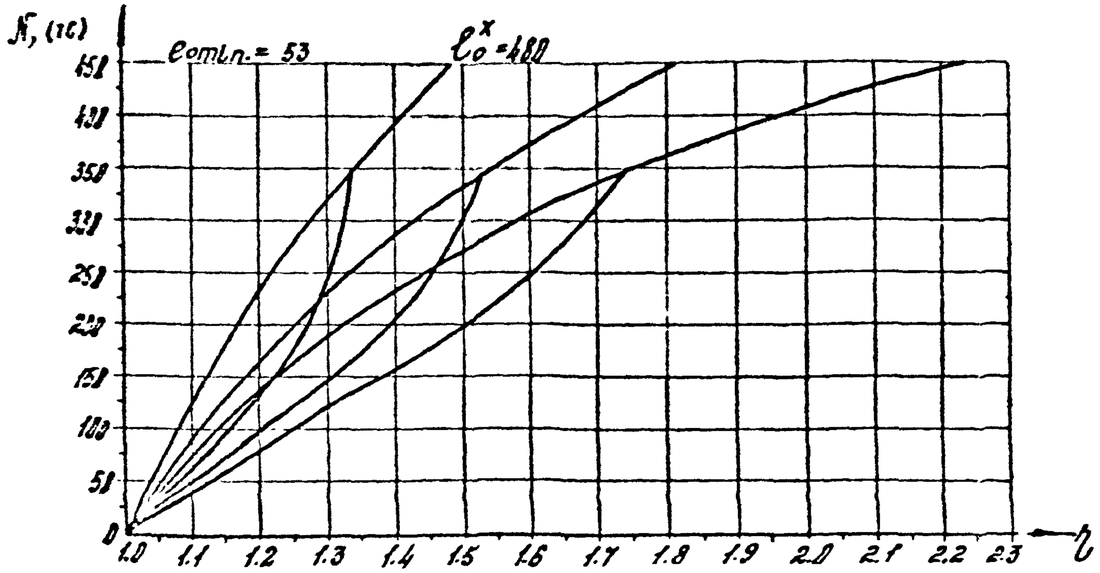


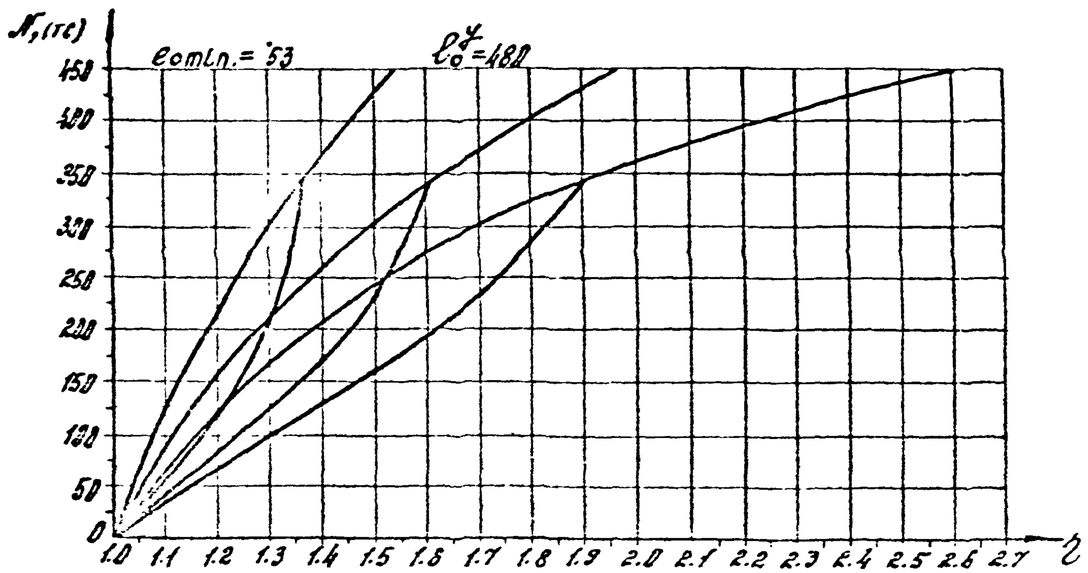




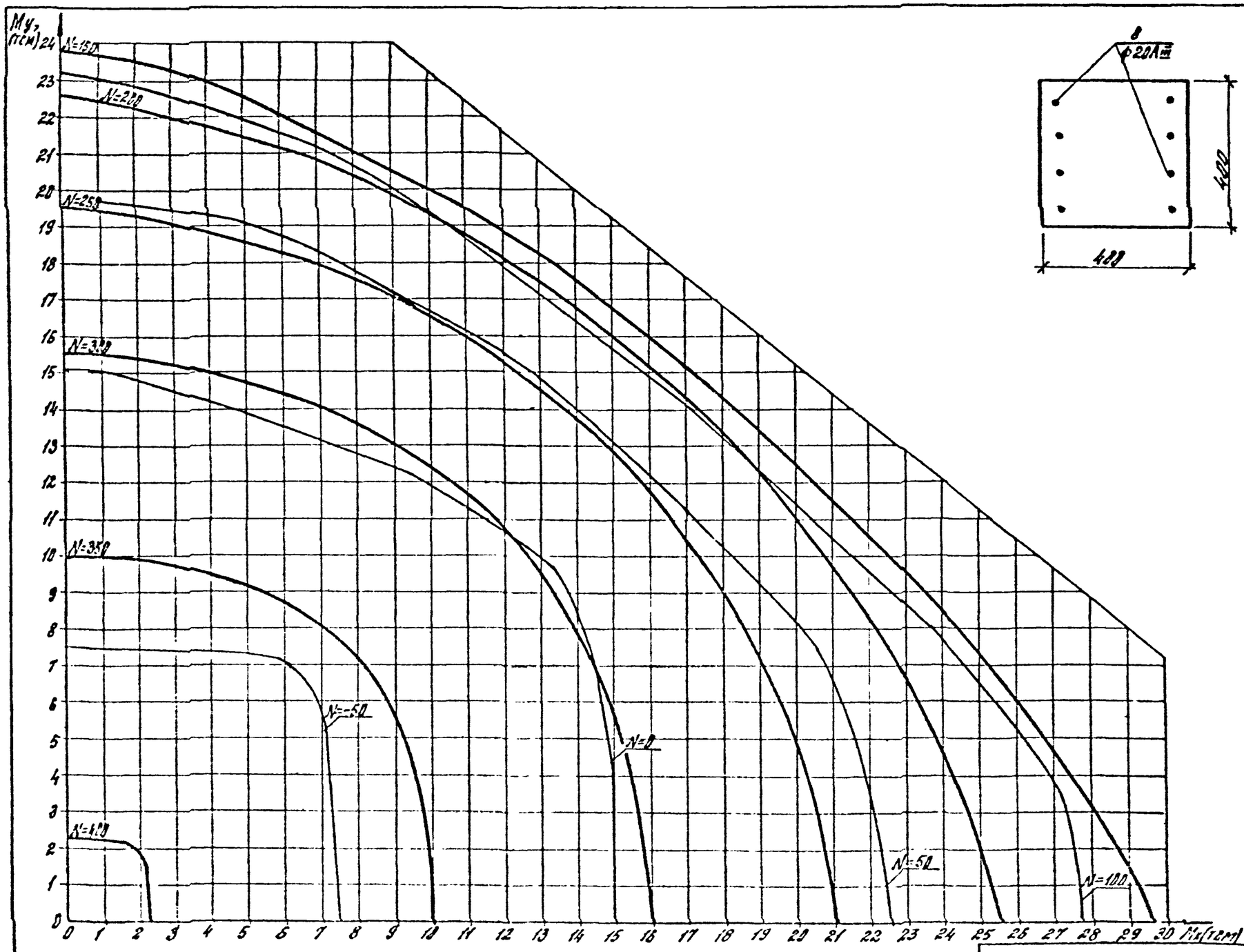


Вх. 32829 л. 174



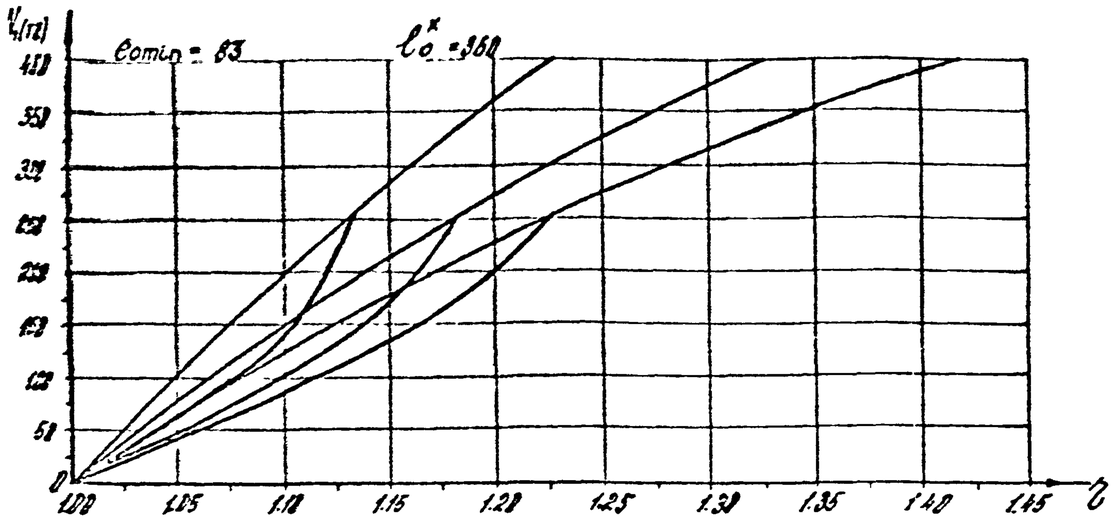


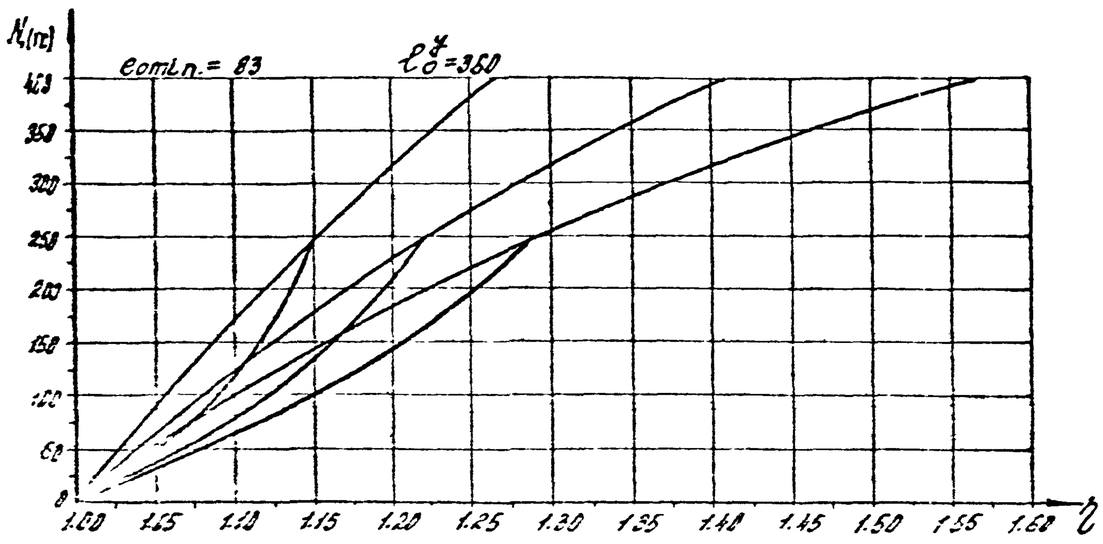
Ал. 32829 л.175



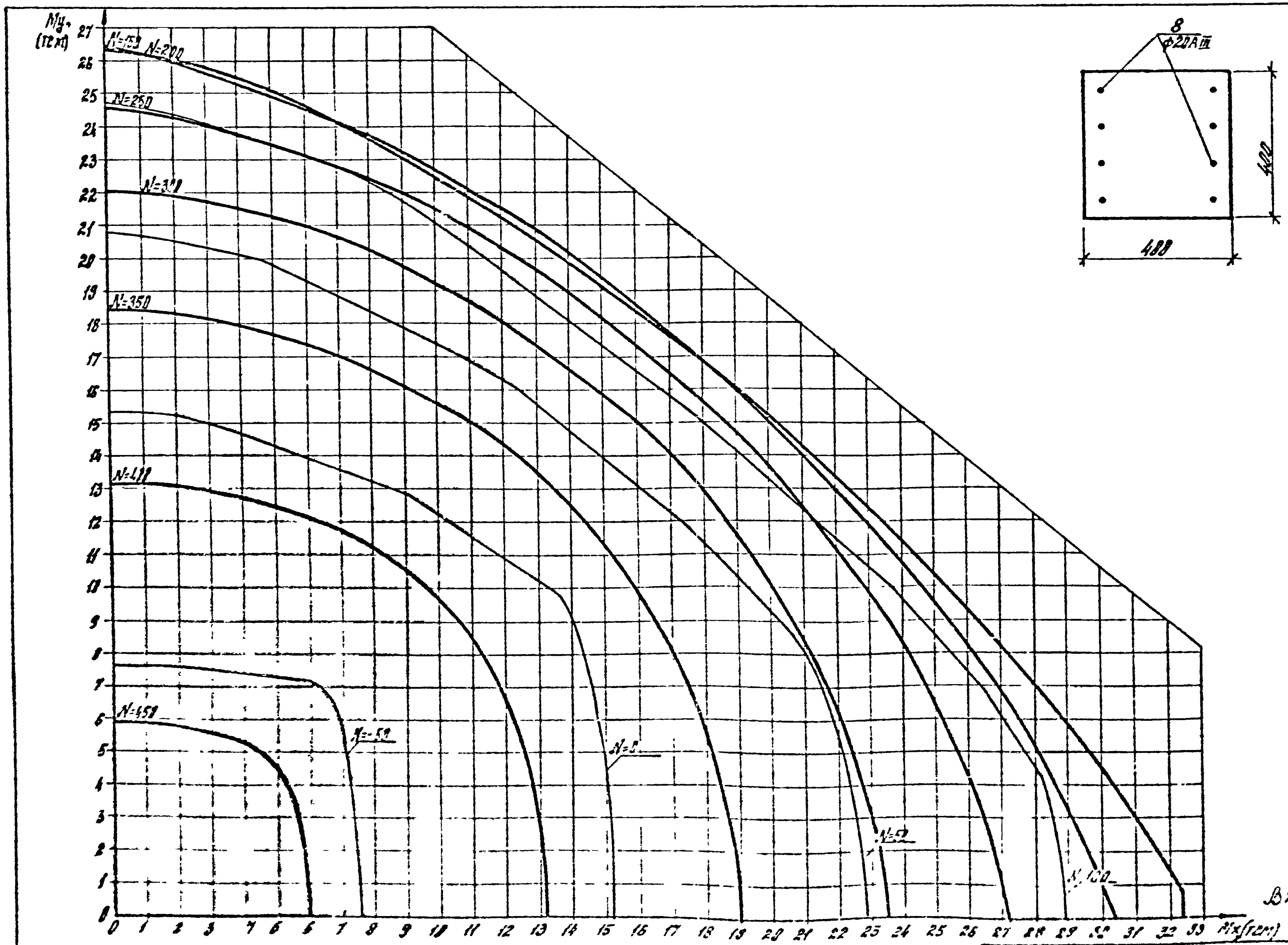
Вх. 32829 л.176

класс бетона 840 ($R_б$=281.6 кг/см^2 при учете γ_{b2}=0.9)





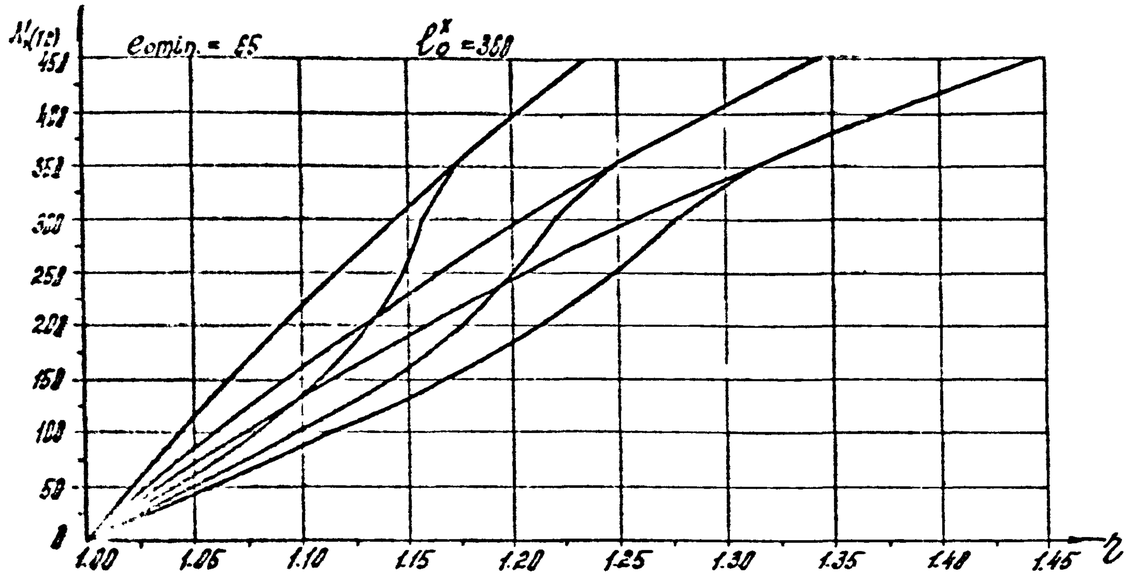
Вх. 34829 л. 177

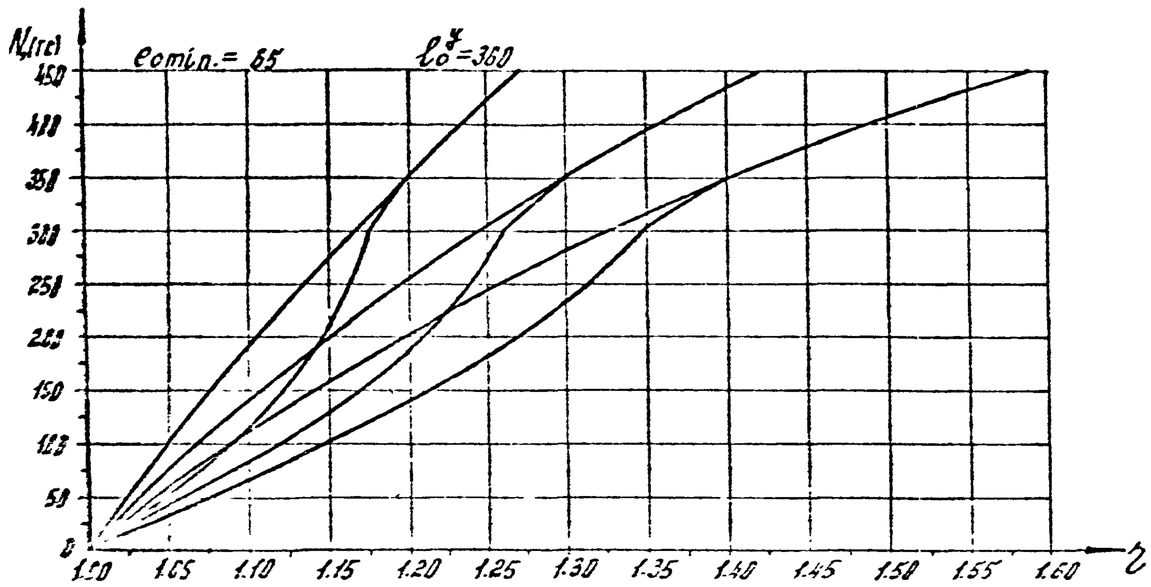


класс бетона В40 (Rb=216.4 кгс/см² при учете γb2=1.10)

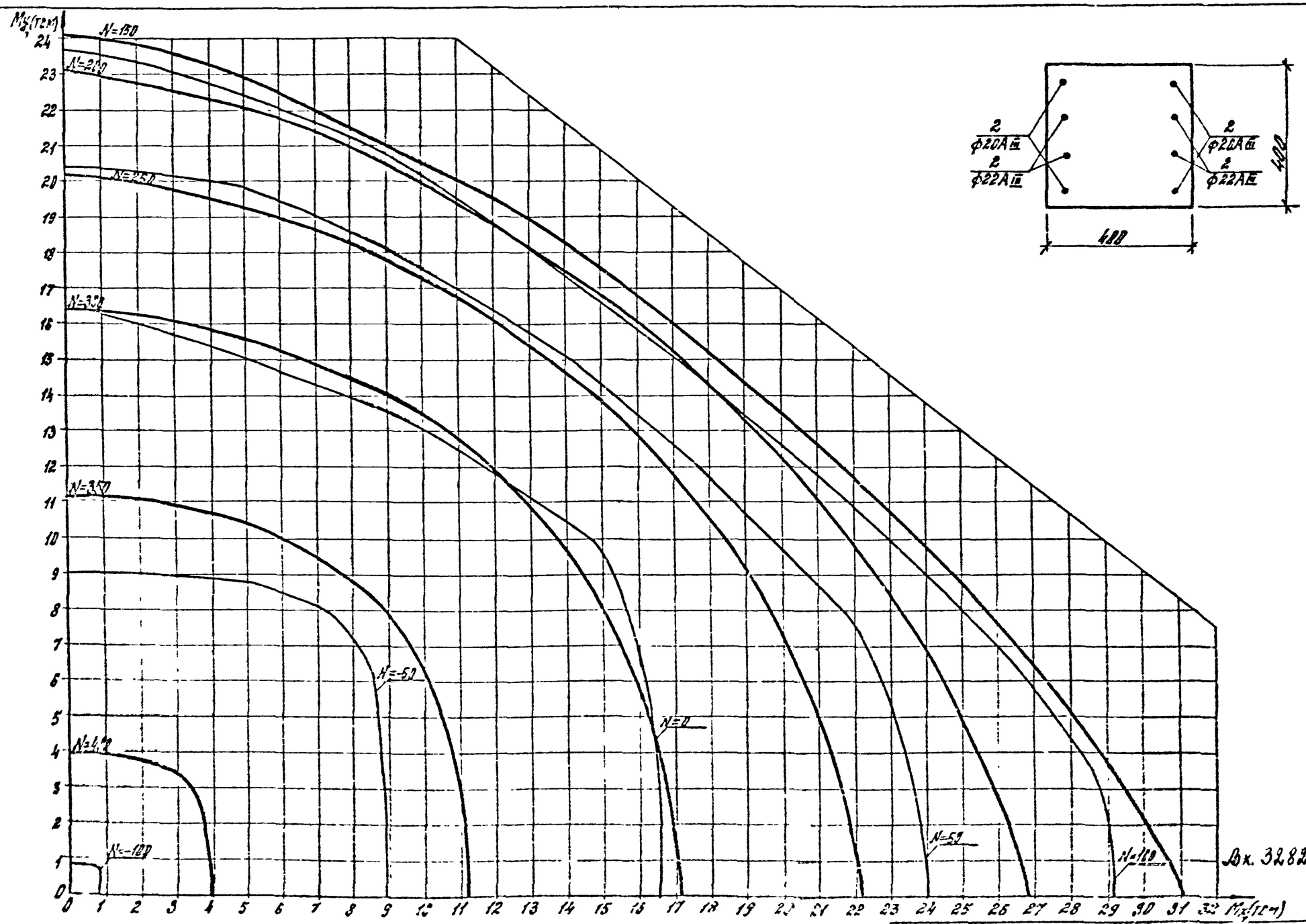
Вх. 32829 л. 178

1.020-1/87. 0-6-3 ПЗ



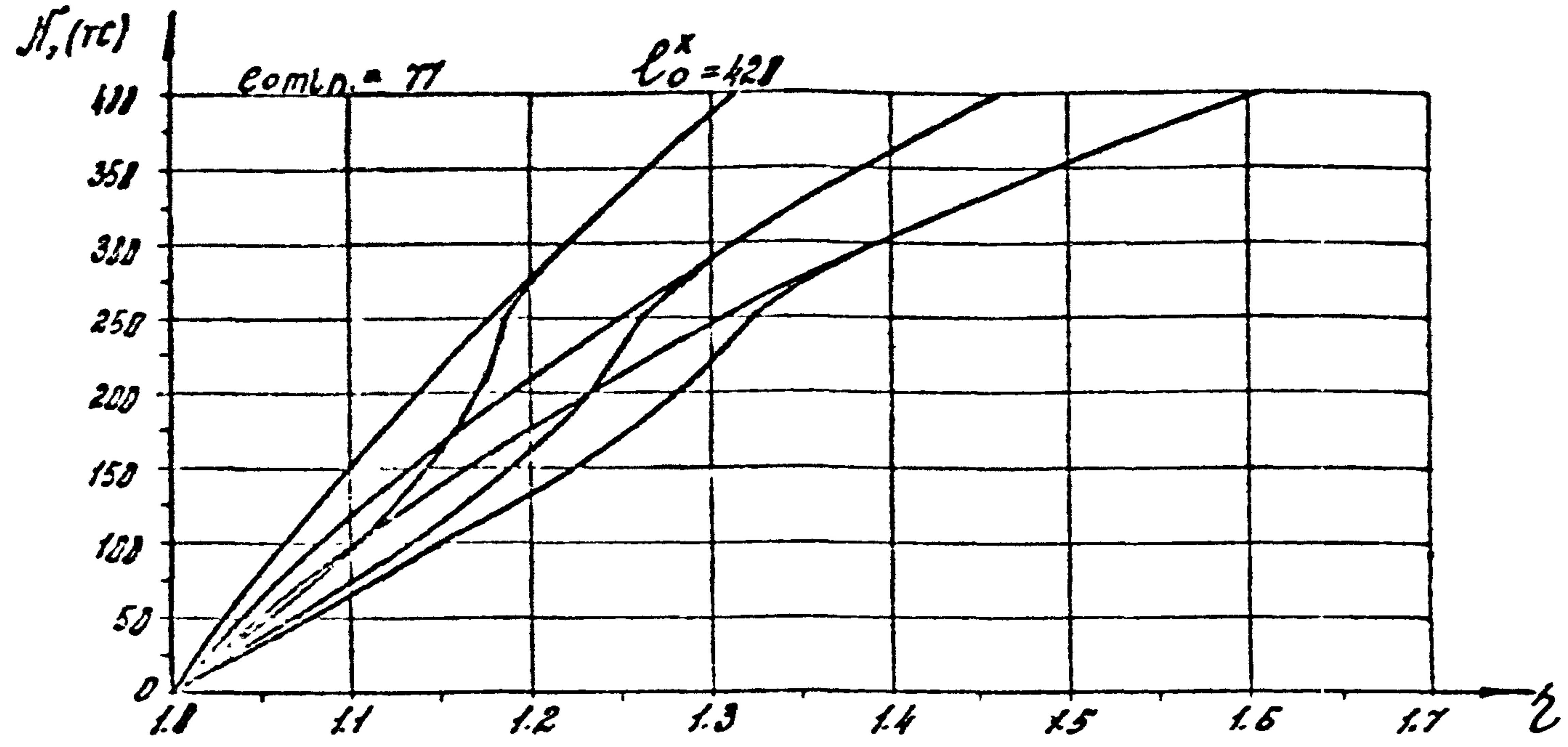


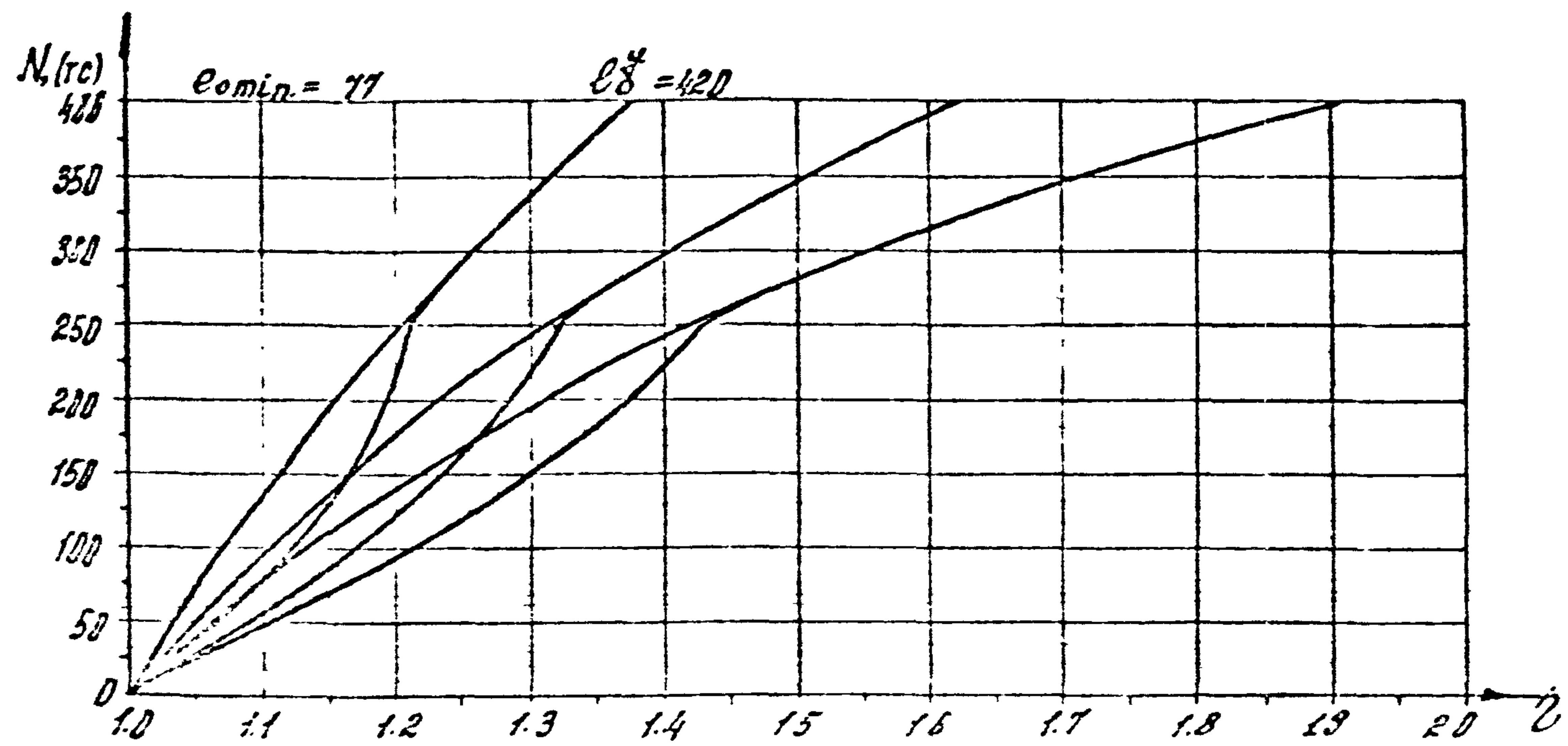
Вх. 32829 л. 179



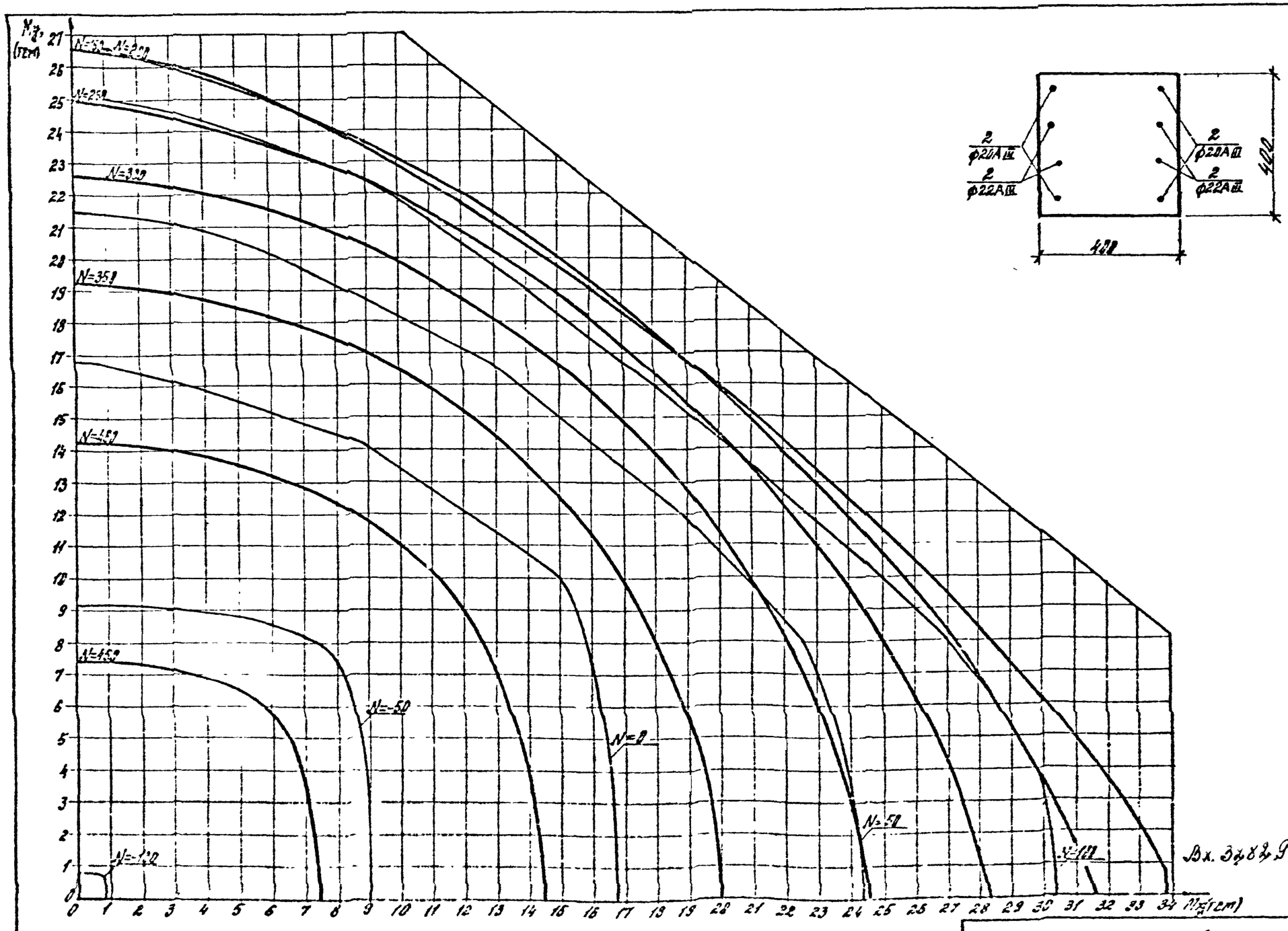
Бетон 32829 л.180

Класс бетона В40 (R_b=201.6 кгс/см² при учете γ_{b2}=0,9)


N,(тс)
e omin = 77
l_0^x=420
400
350
300
250
200
150
100
50
0
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
ε

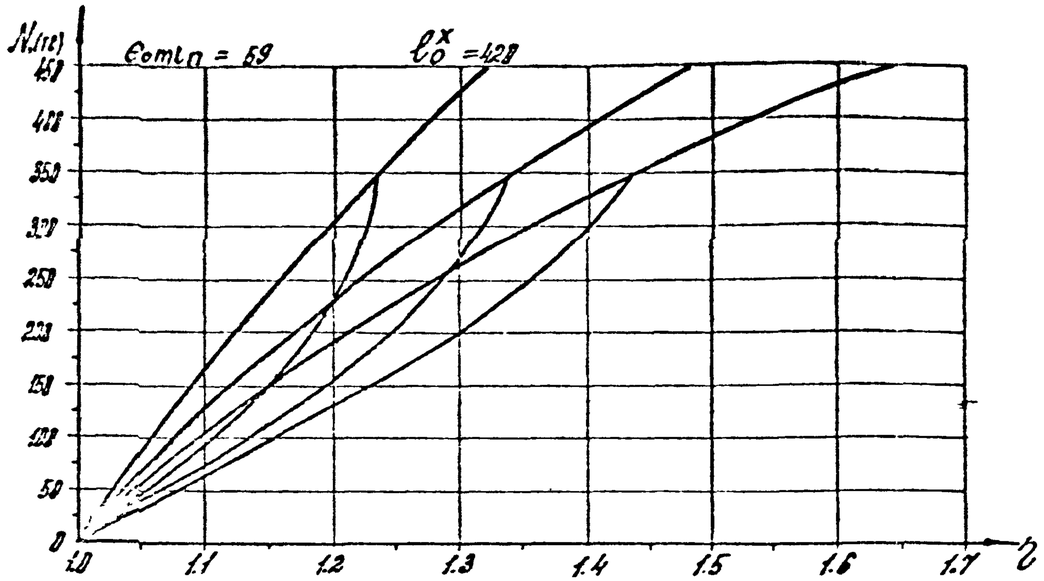

N,(тс)
e omin = 77
l_0^y=420
420
350
300
250
200
150
100
50
0
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
ε

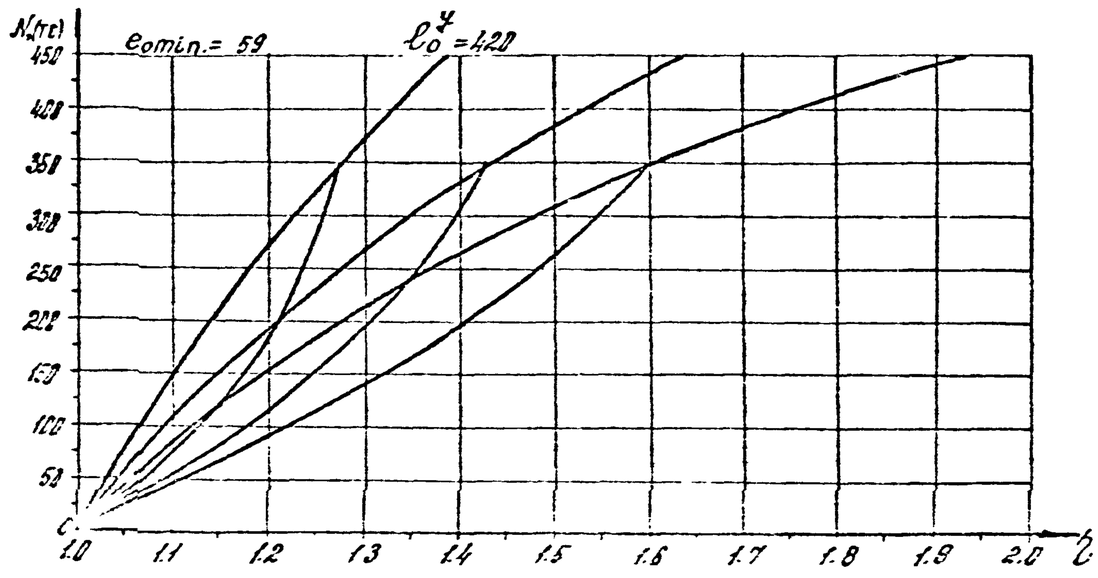
Вх 32×29 л.181



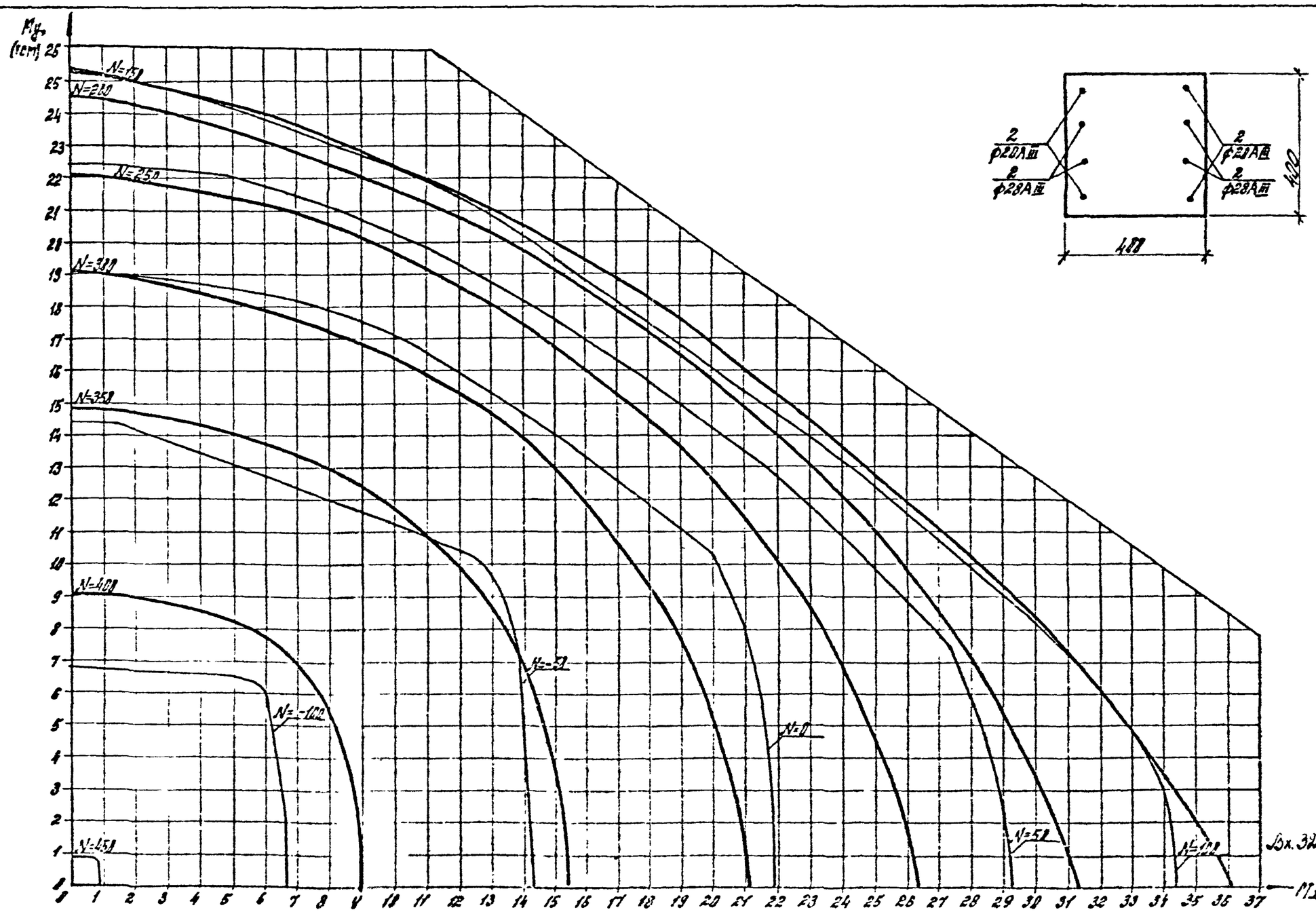
Вх. 3989 л 184

Класс бетона В40 (RБ=246,4 кгс/см² при учете γb2=1.10)



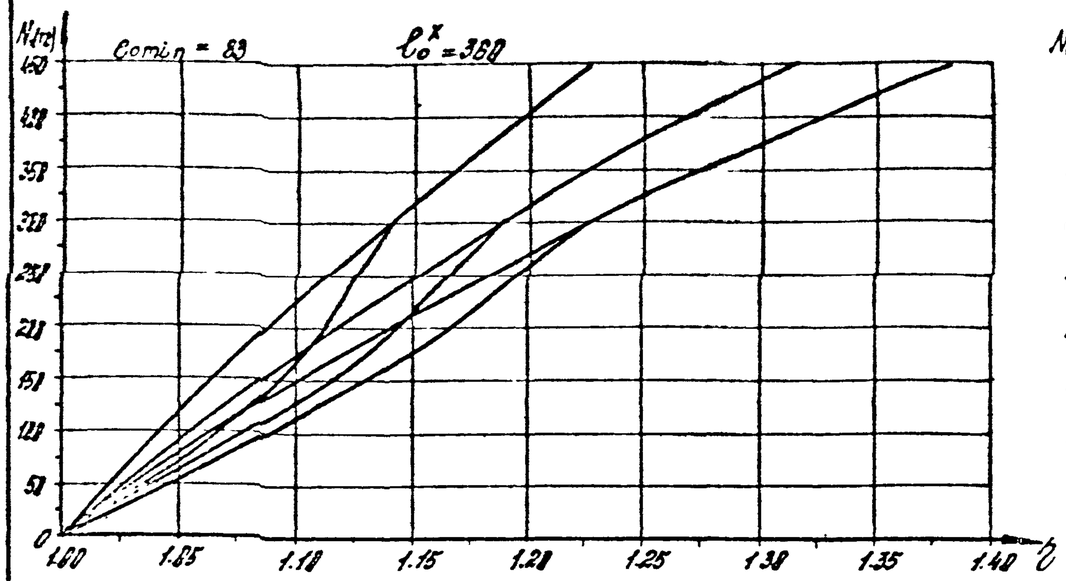


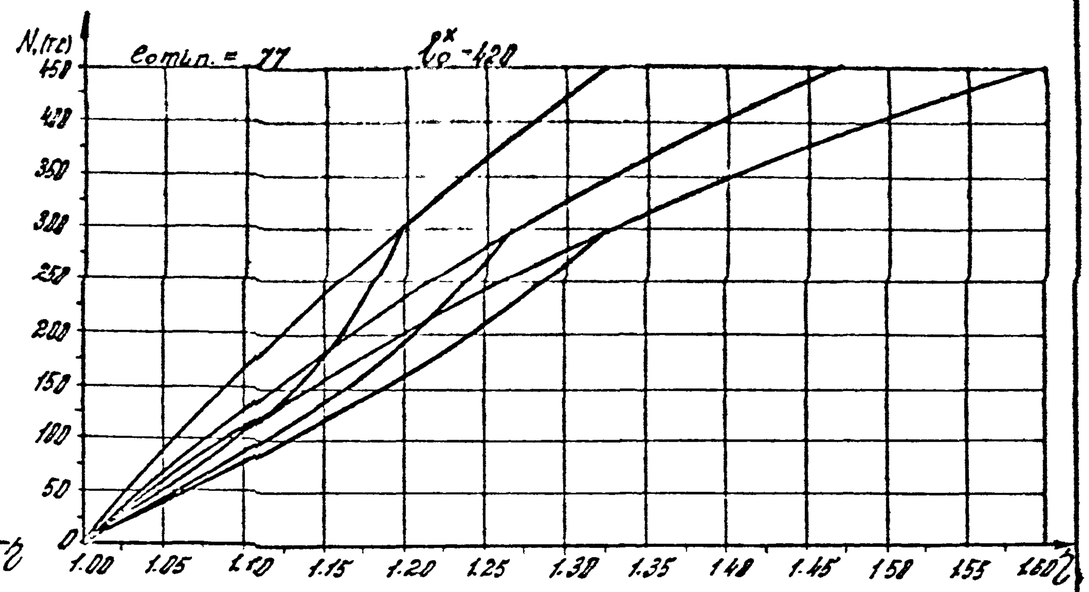
Вх. 32829 л.183

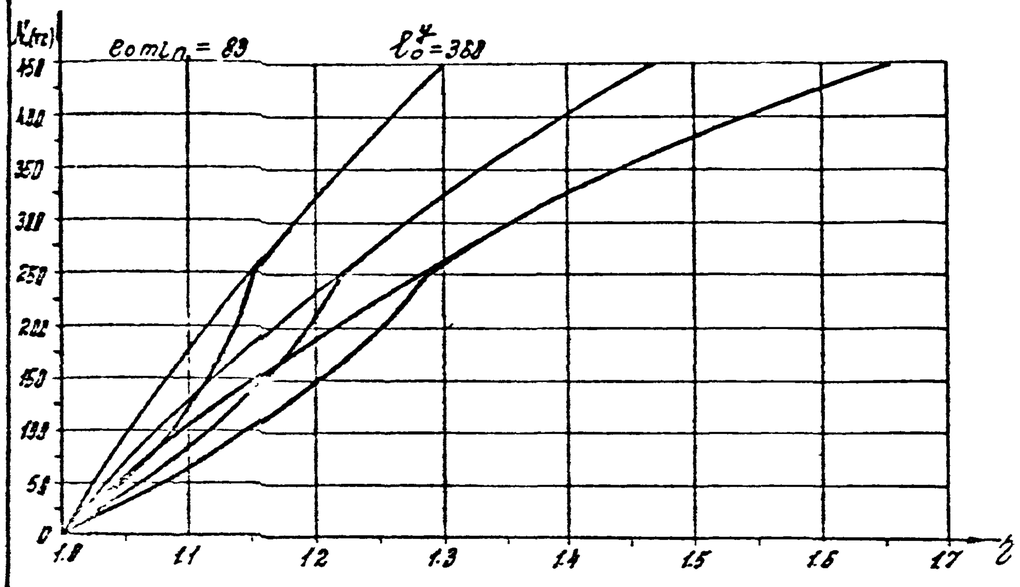


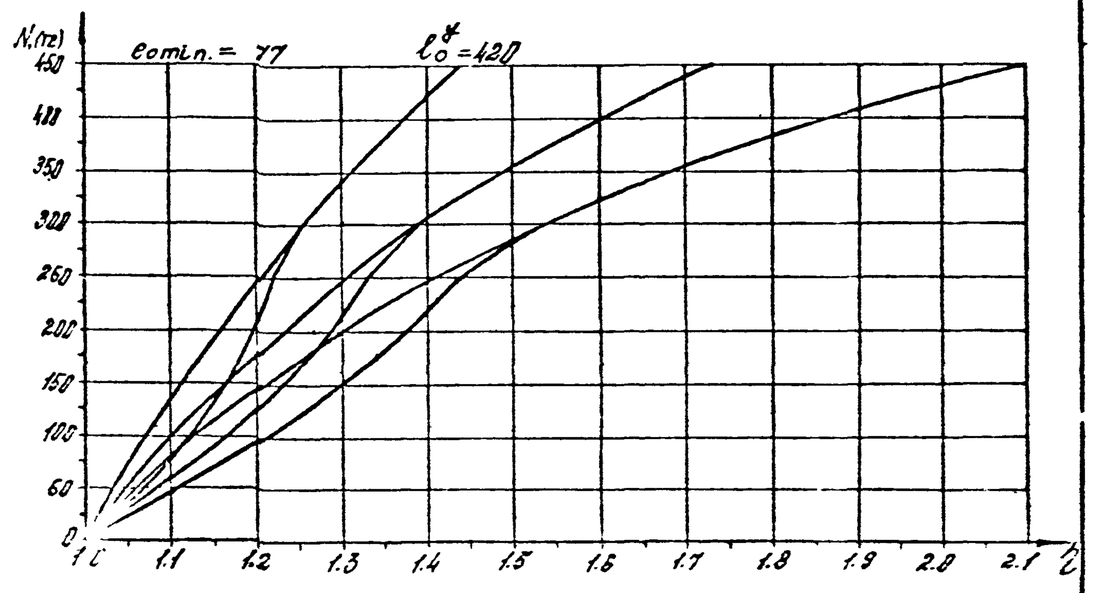
Бх.3282-9 л.184

Класс бетона В40 (R_b=201.6кгс/см² при учете γ_{b2}=0.9)

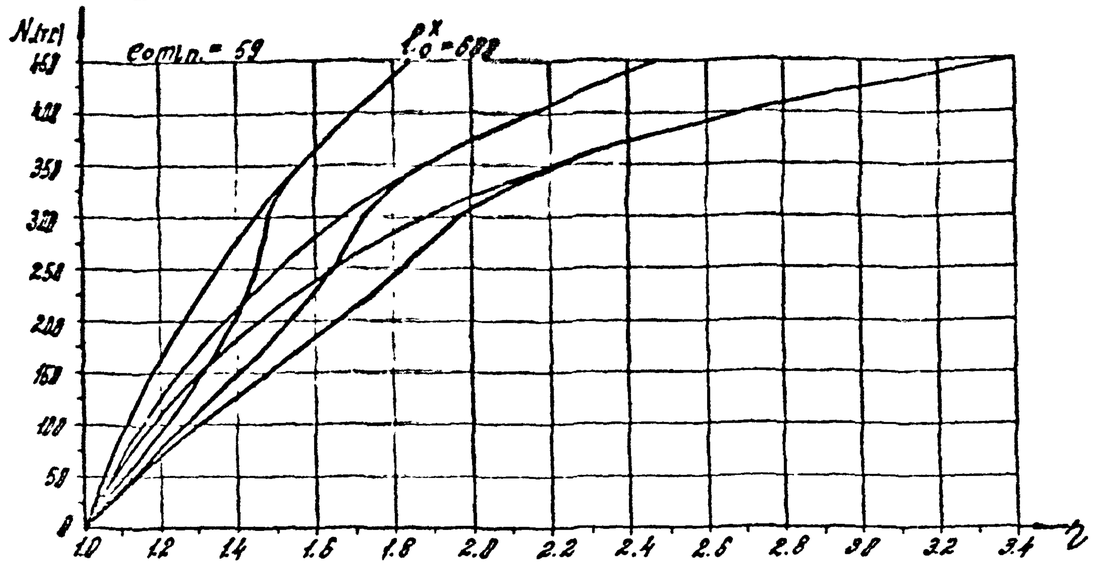


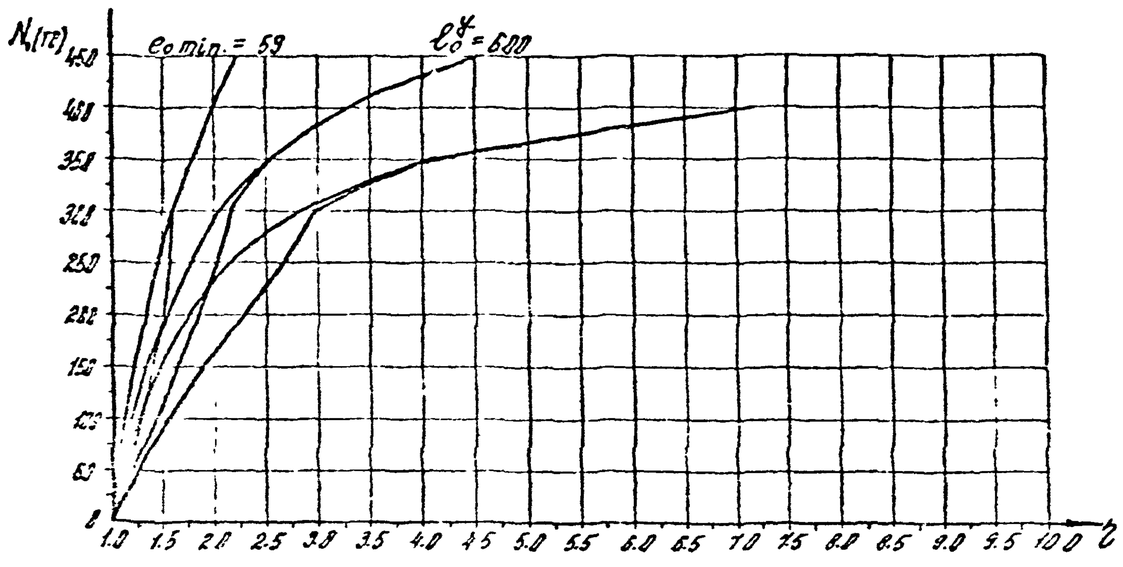




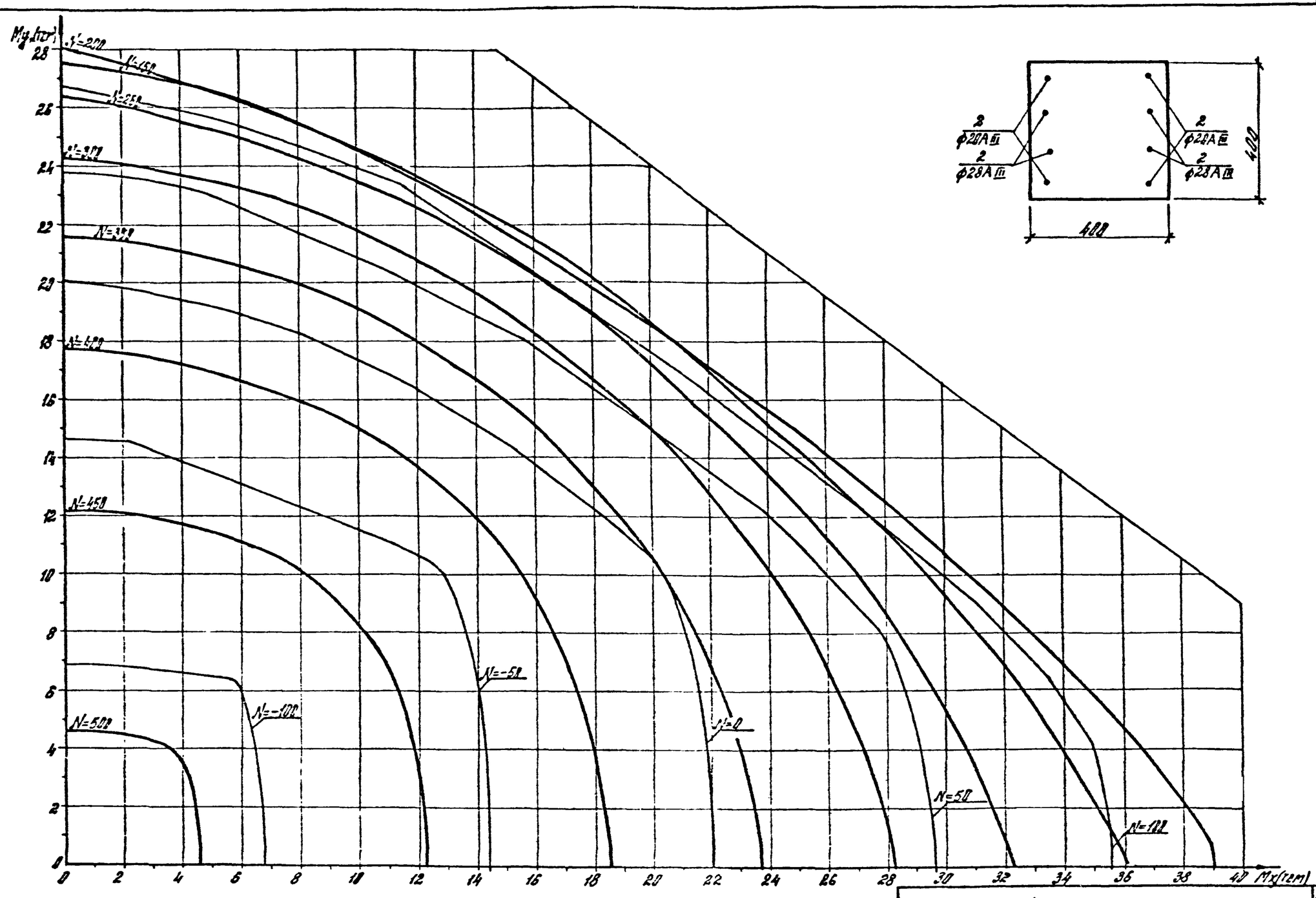


Вх. 32829 л.185





Вх. 32829 л.186



класс бетона В40 (R_b=246.4 кгс/см² при учете γ_{b2}=1.10)

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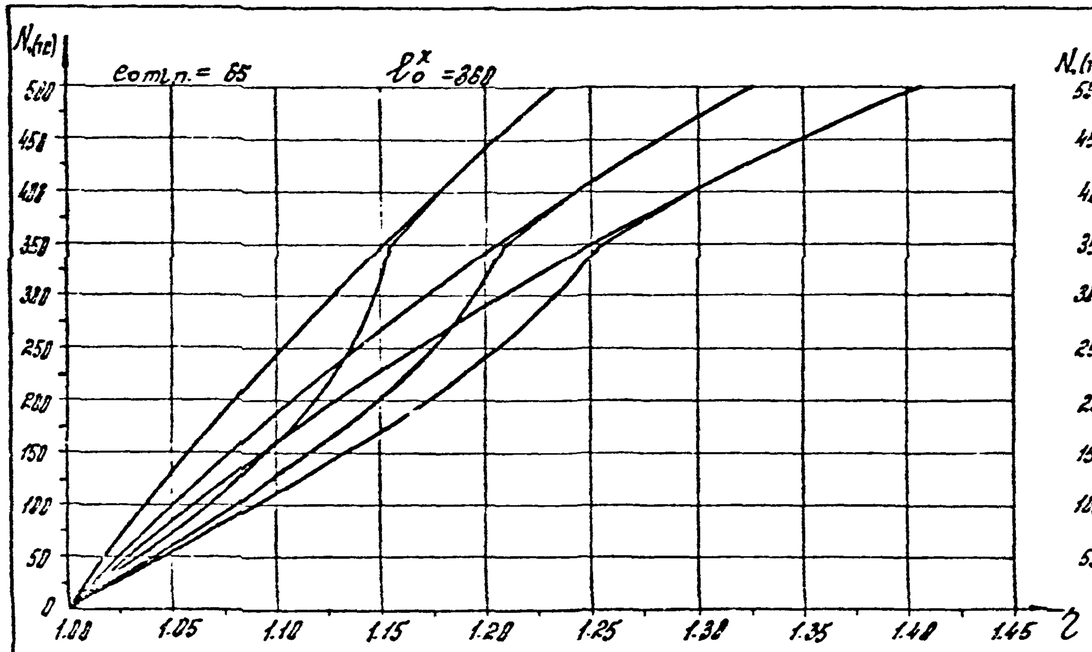
Вх. 32829 л. 187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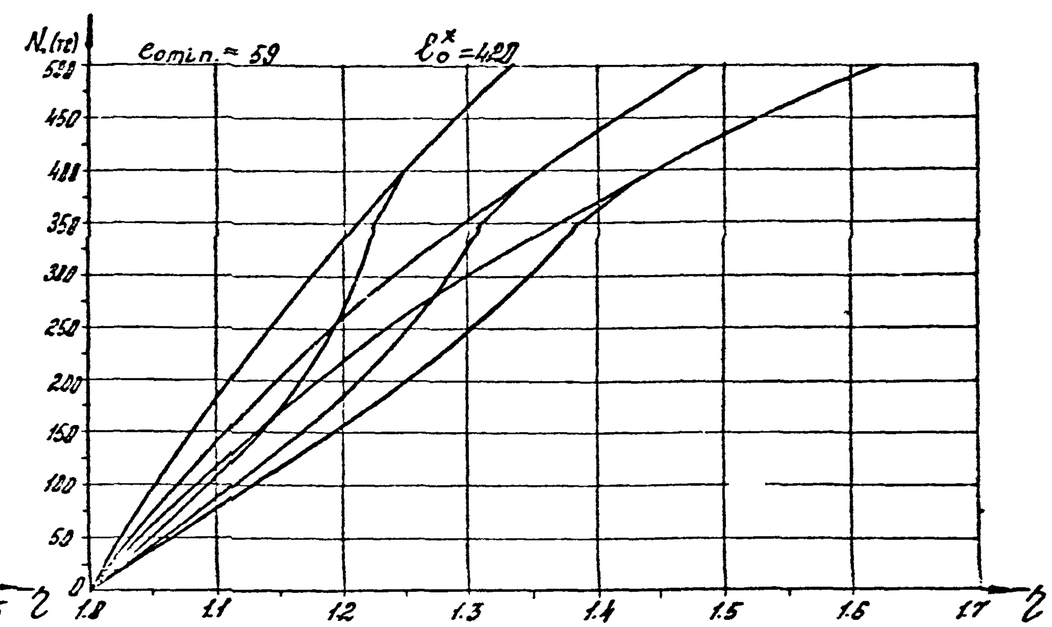
e0min.= 65
ℓ0x =360
0
50
100
150
200
250
300
350
400
450
500
1.00
1.05
1.10
1.15
1.20
1.25
1.30
1.35
1.40
1.45
η


N,(тс)
e0min.= 59
ℓ0x =420
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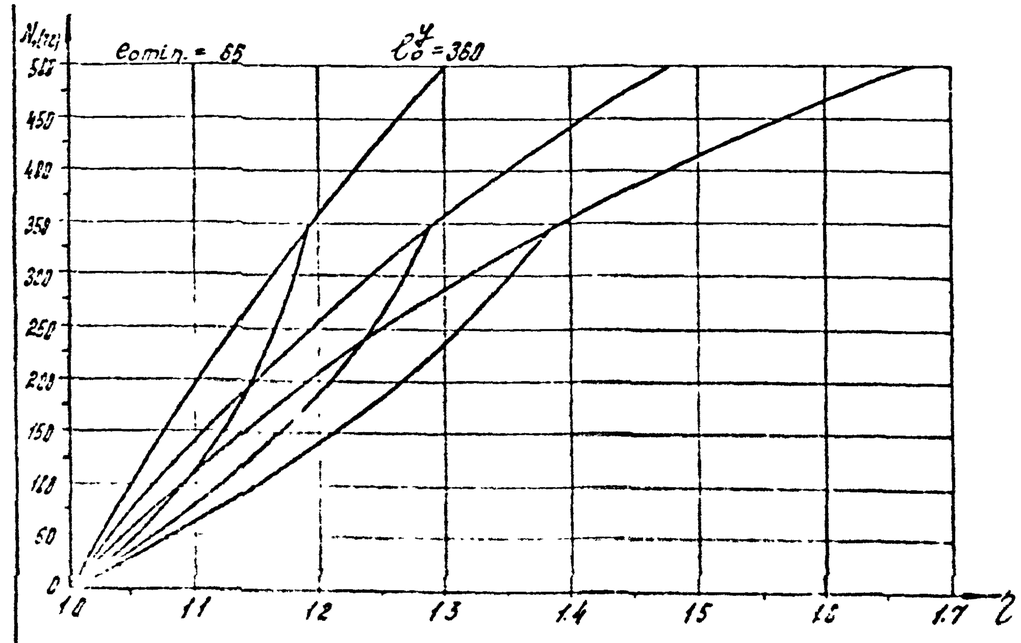
50
100
150
200
250
300
350
400
450
500
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
η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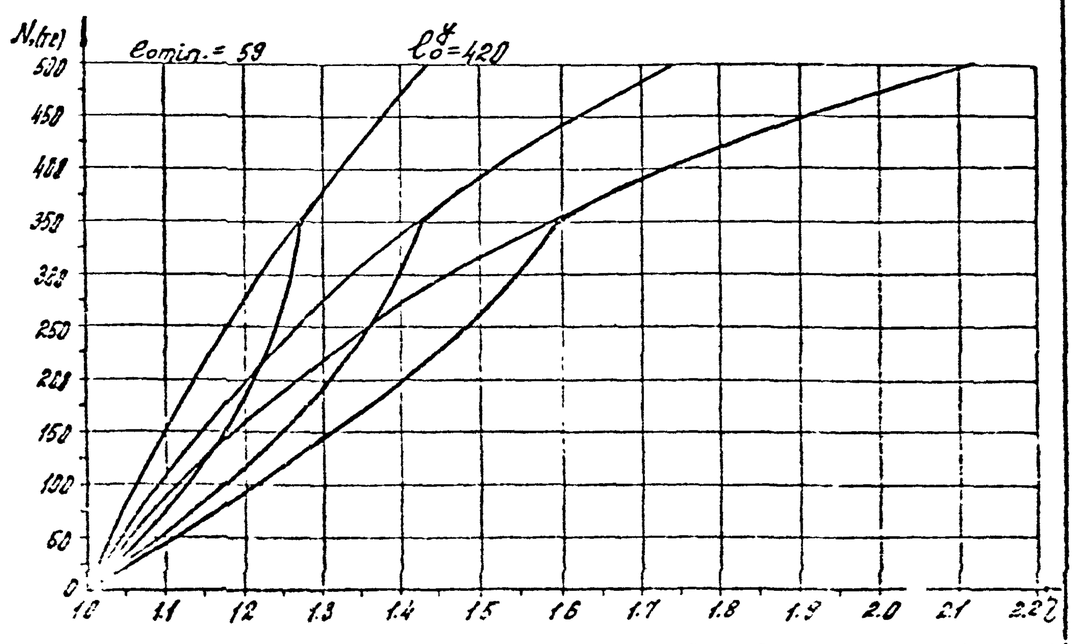
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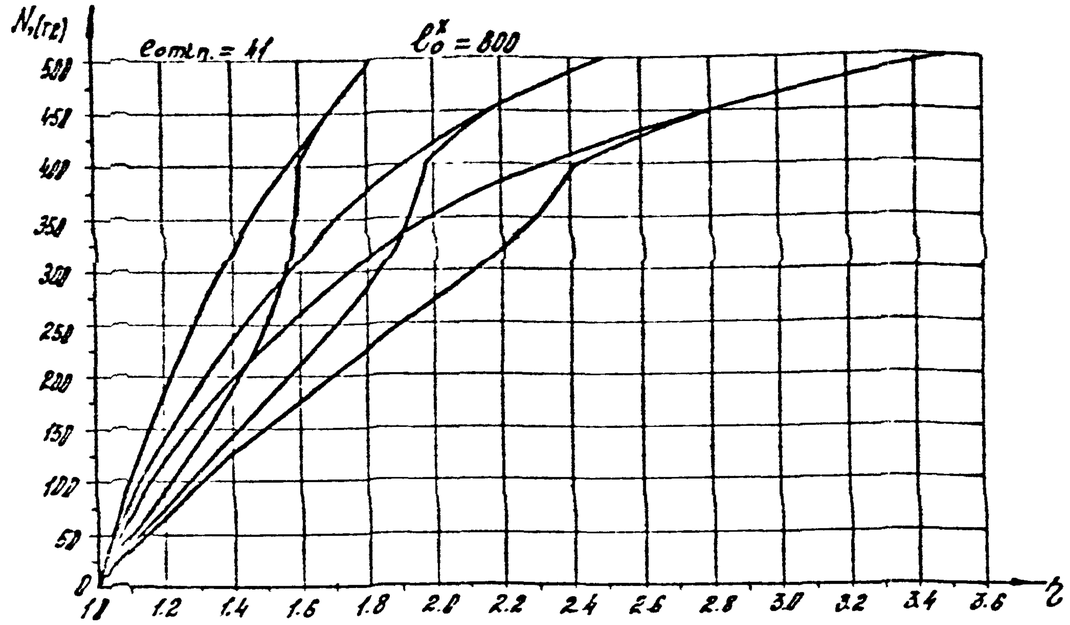
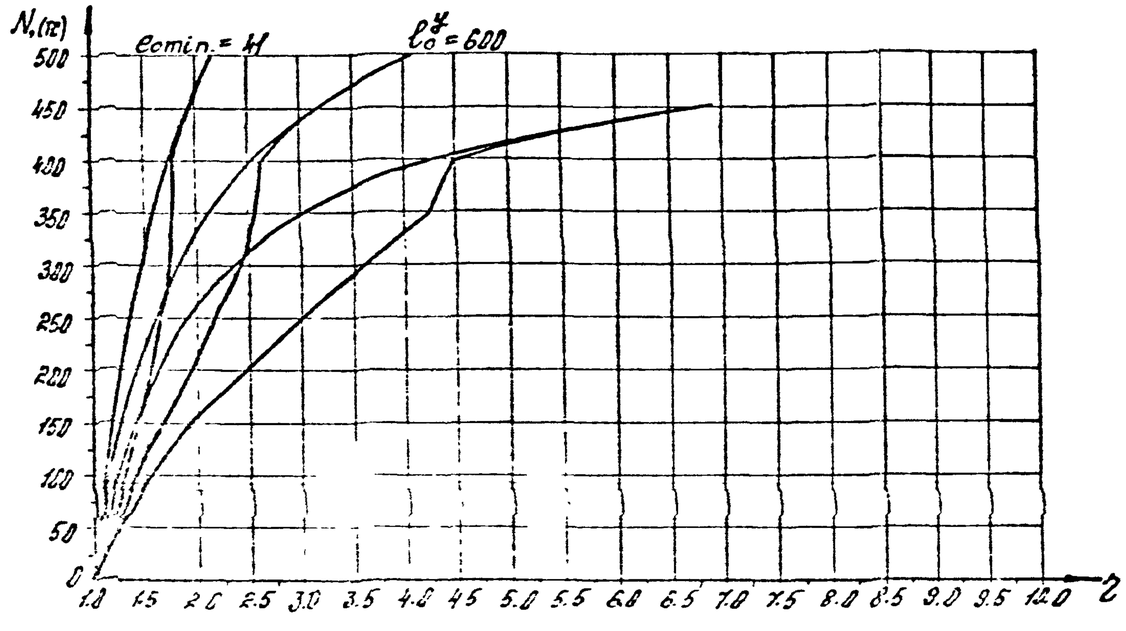
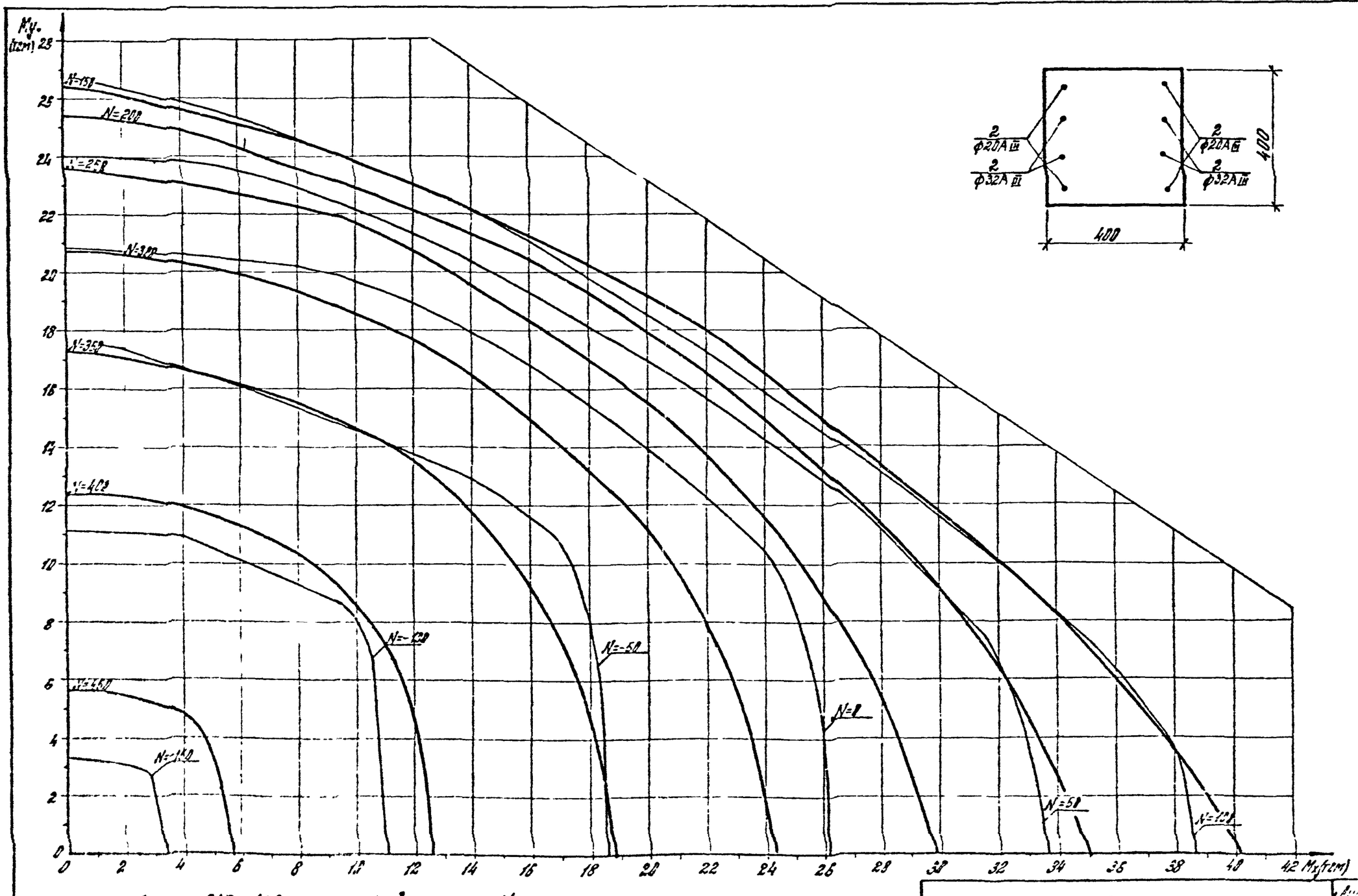
1.7
1.8
1.9
2.0
2.1
2.2
η





Вх. 32829 л. 189



Класс бетона В40 (R_b^p=201 кг/см² при учете γ_{b2}=0,9)

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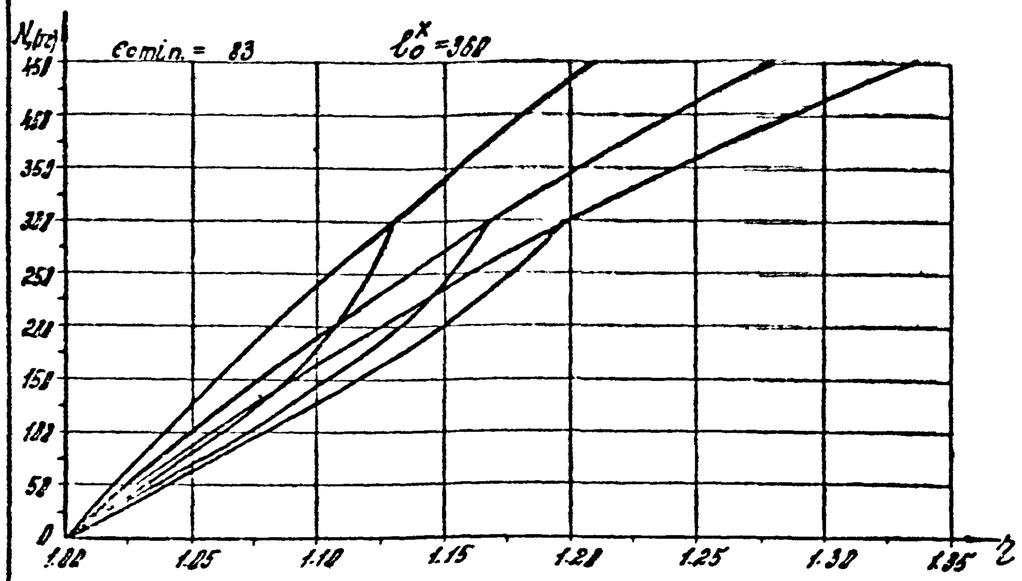
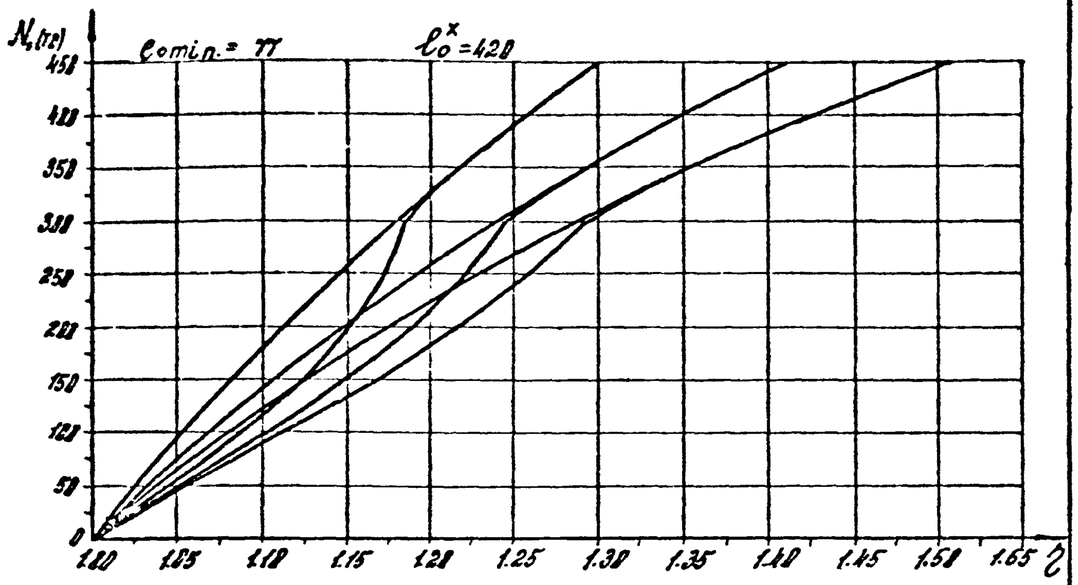
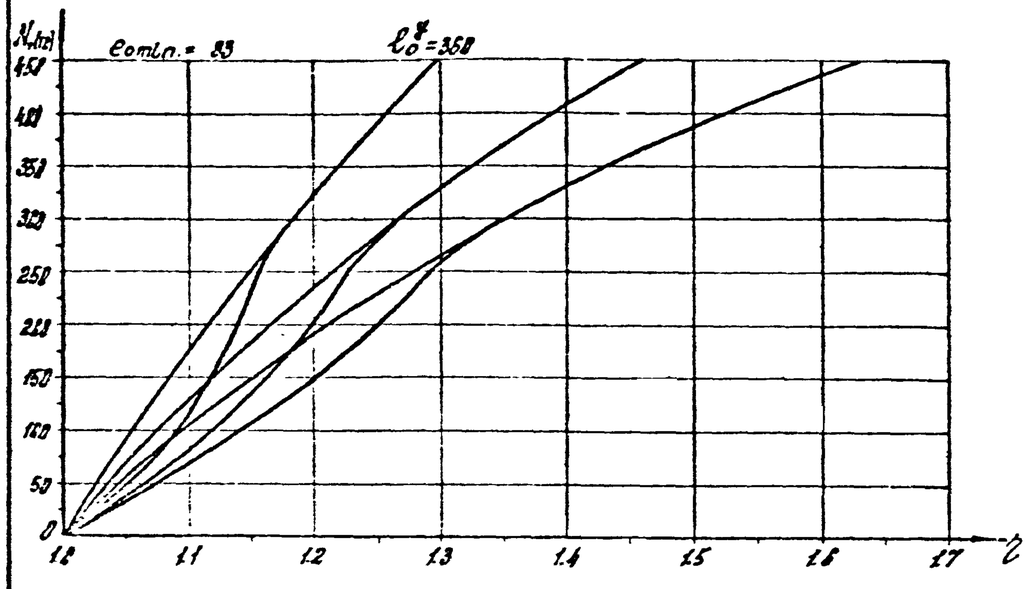
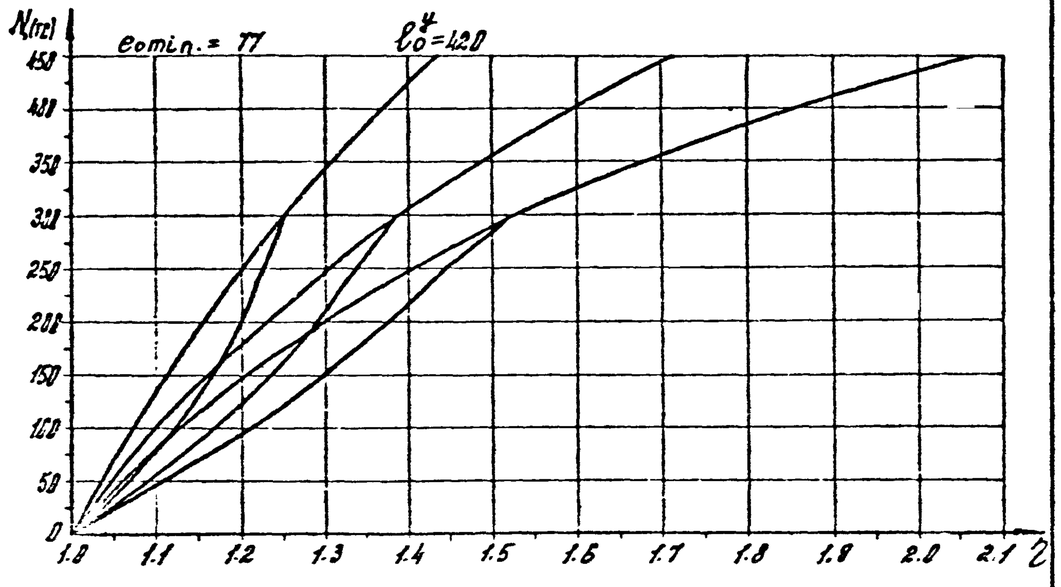
Вх. 32829 л. 190

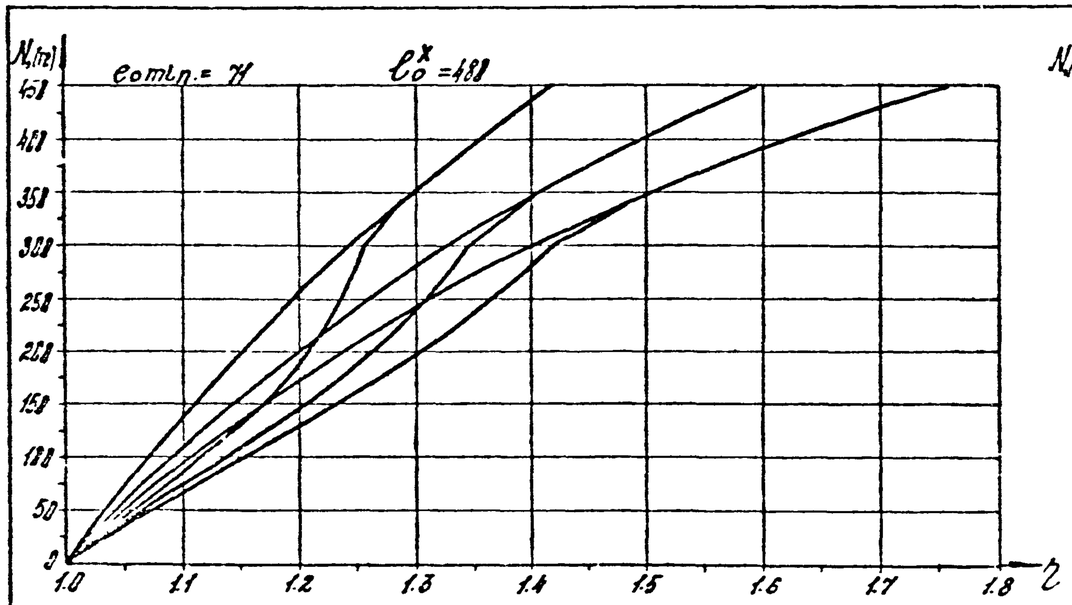


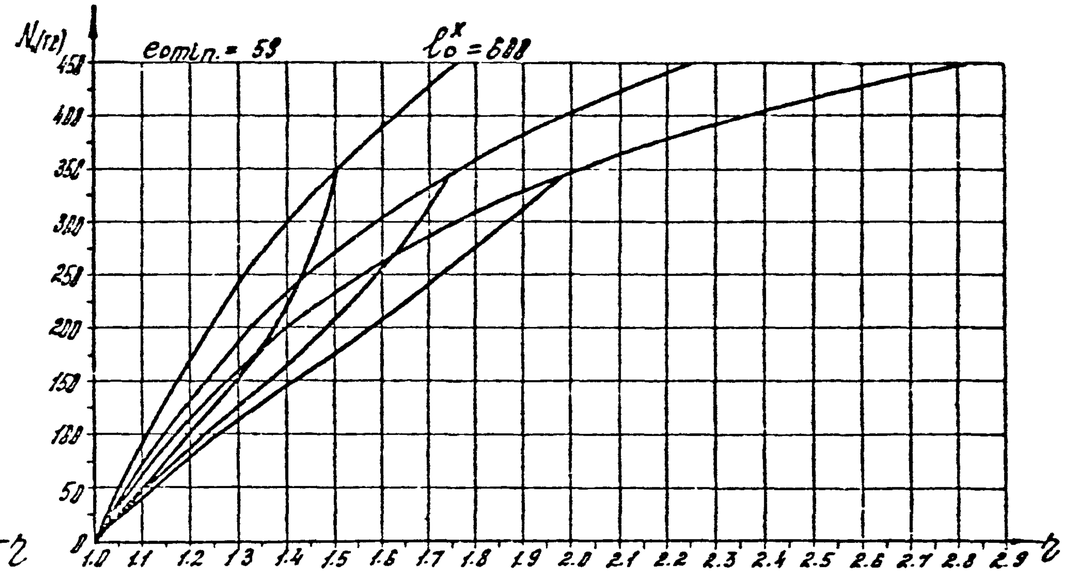


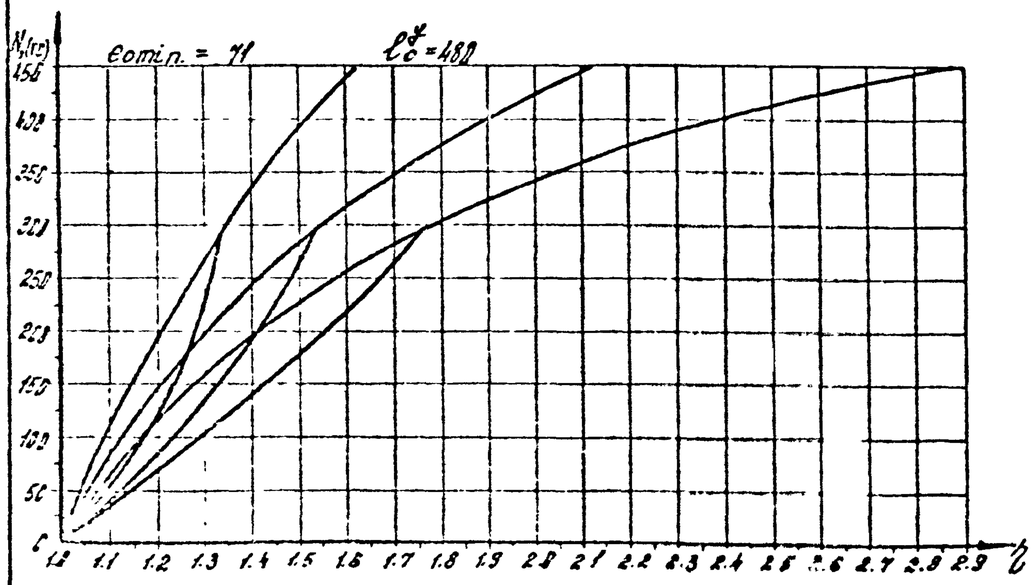


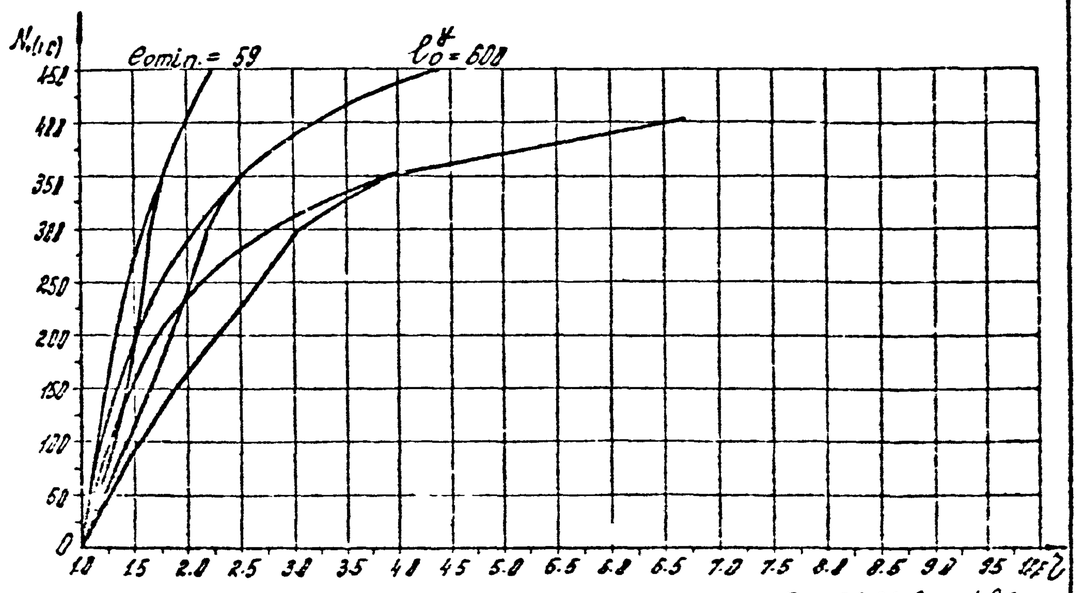


Вх. 32829 л.191

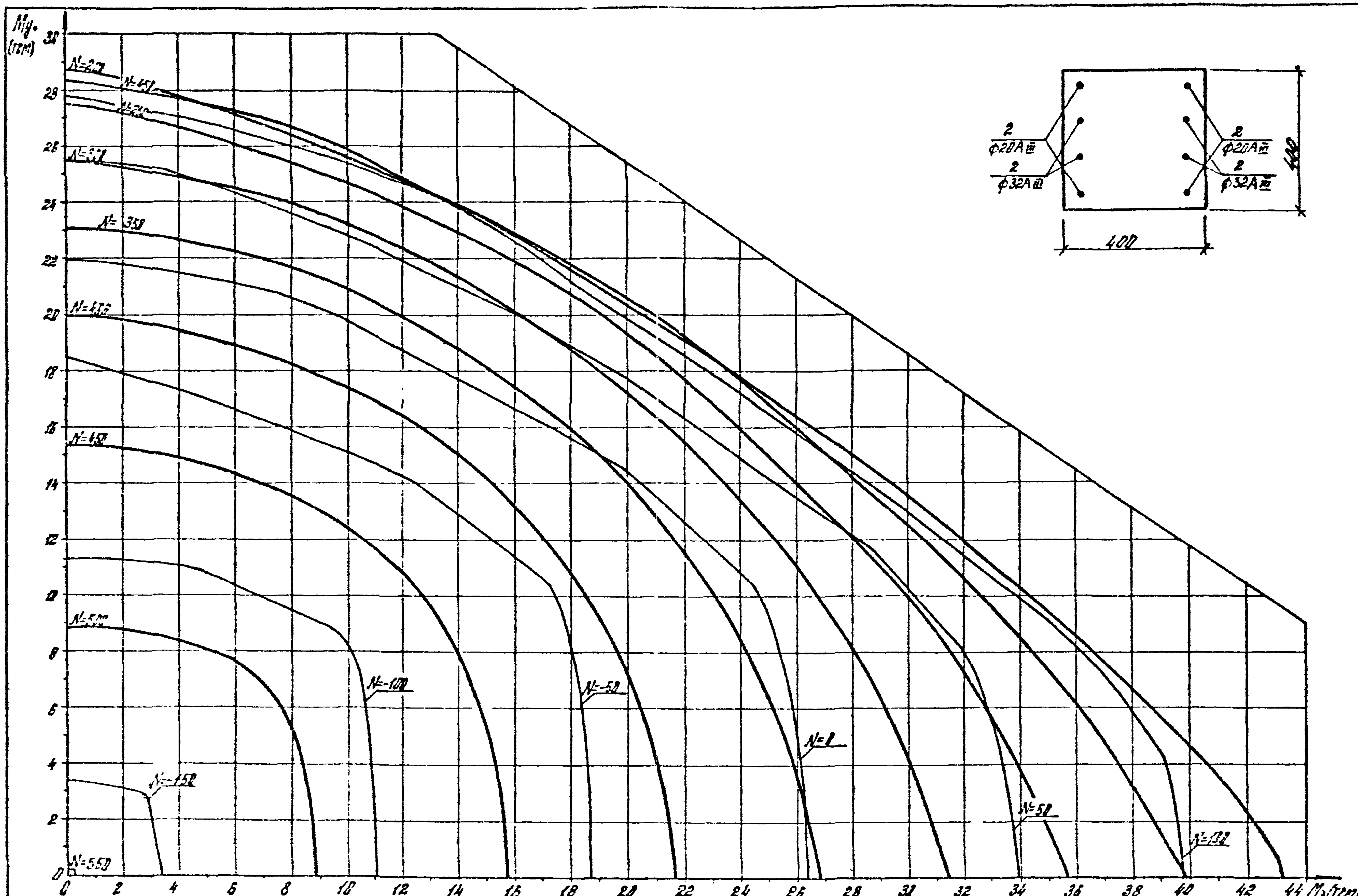








Вх. 32829 л. 192



класс бетона В40 (Rb=246,4 кгс/см² при учете γ_{b2} = 1.10)

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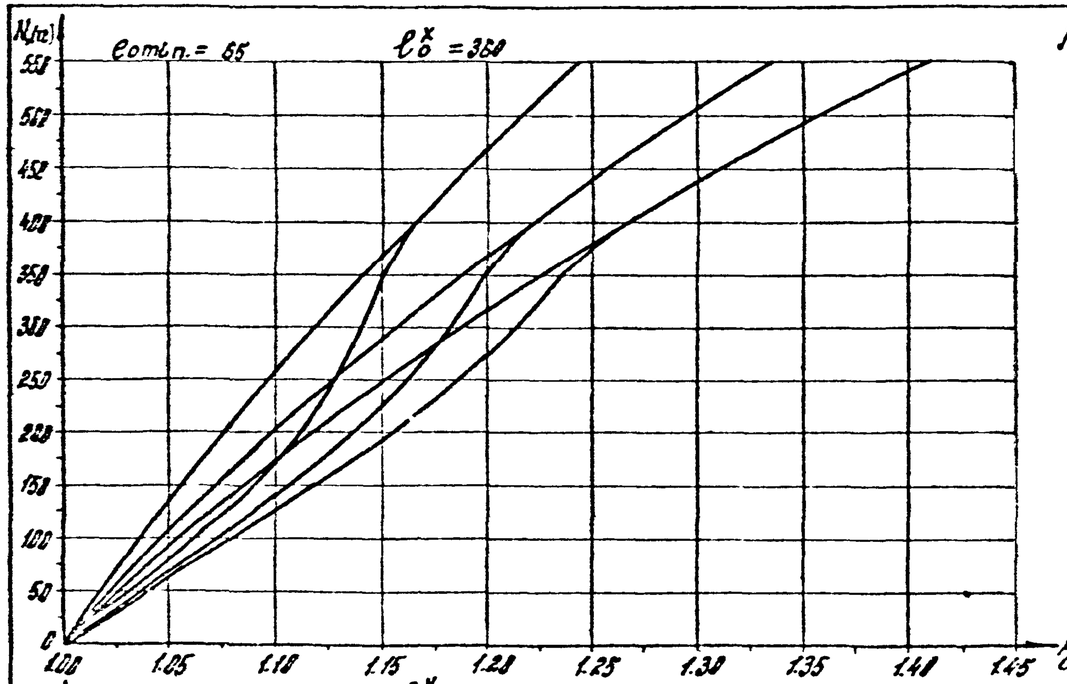
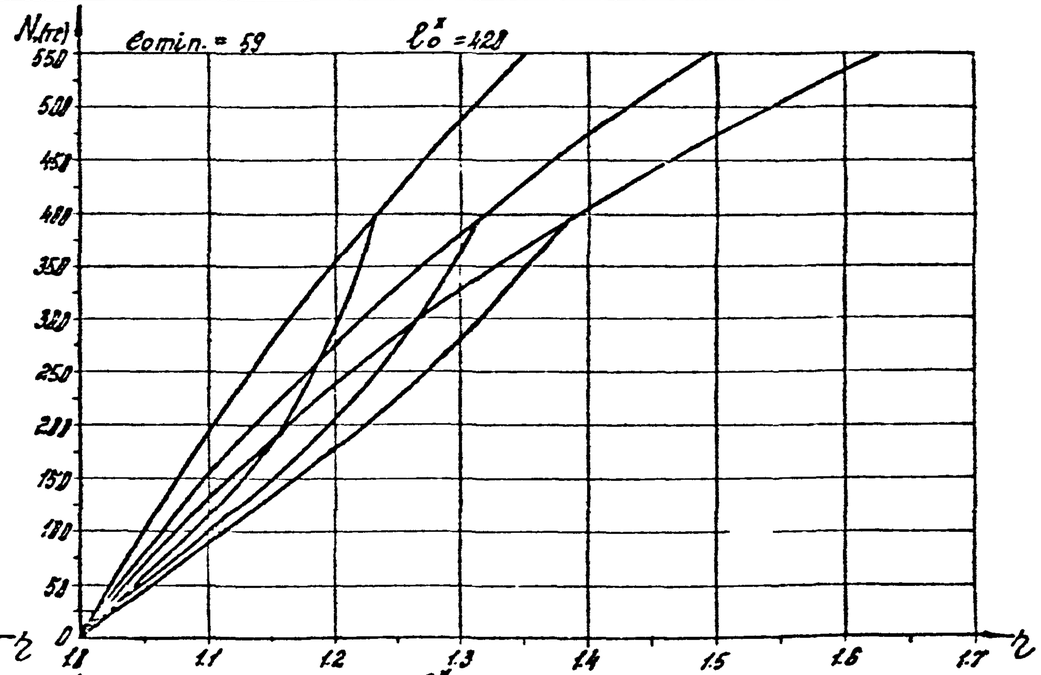
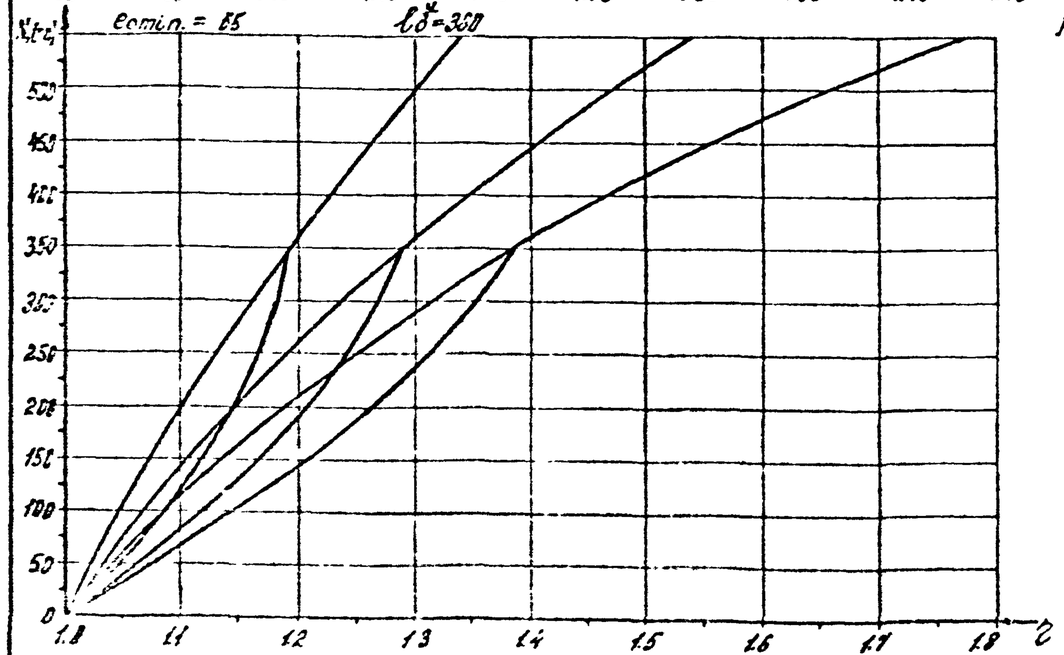
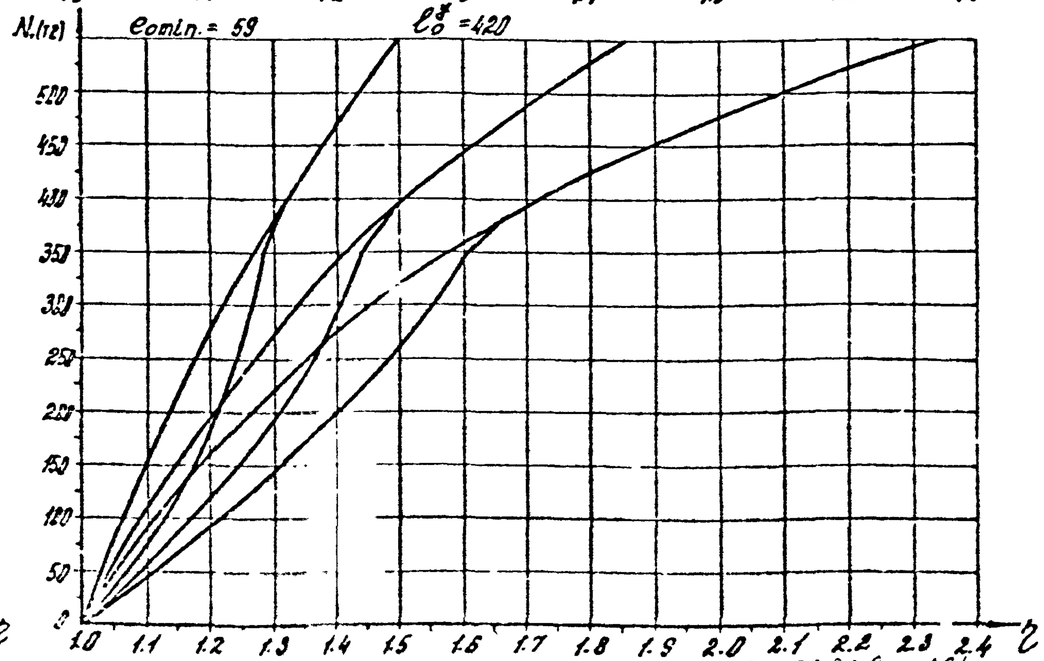
Вх. 32829 л. 193

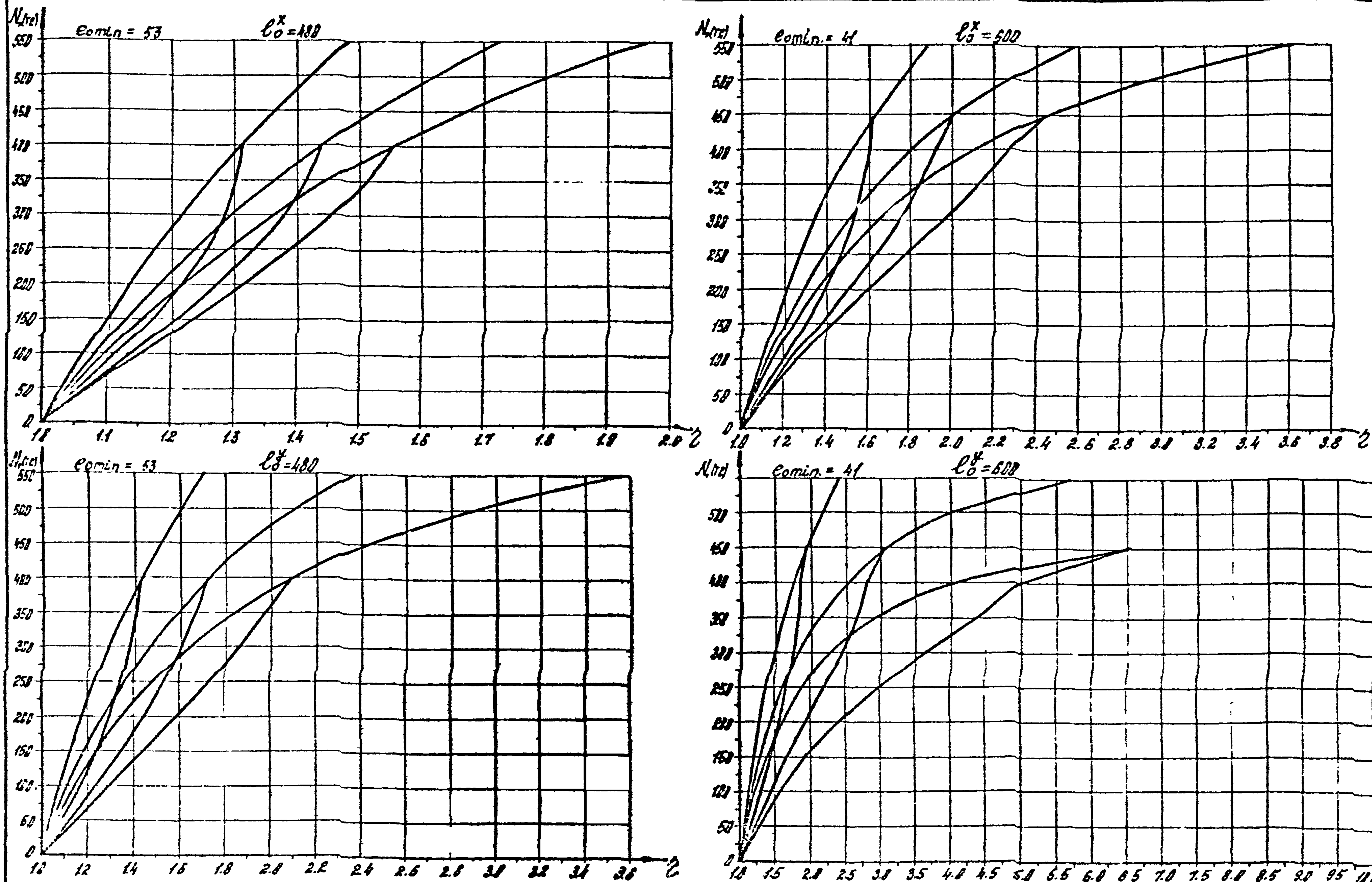








Вх. 32829 л.194



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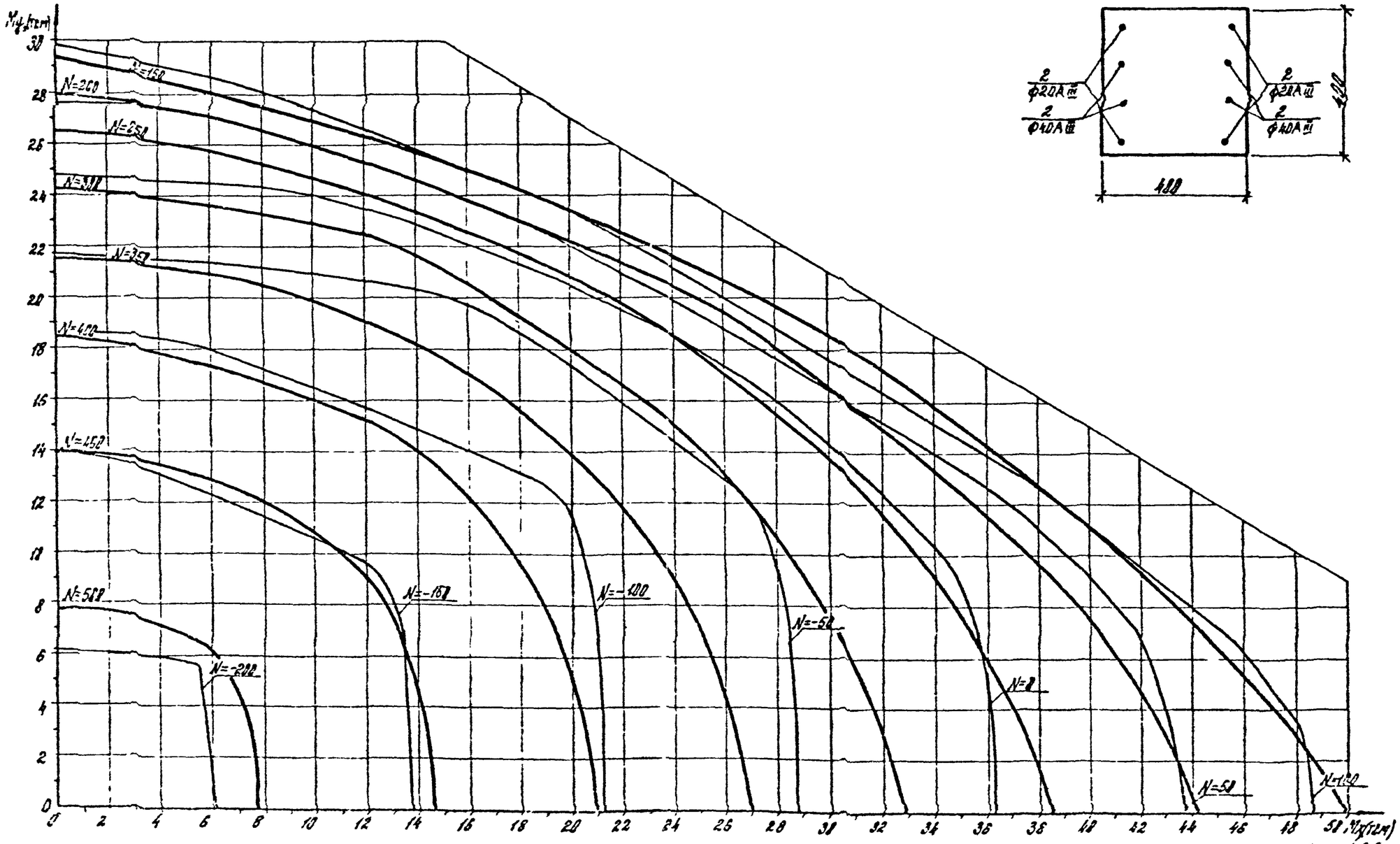
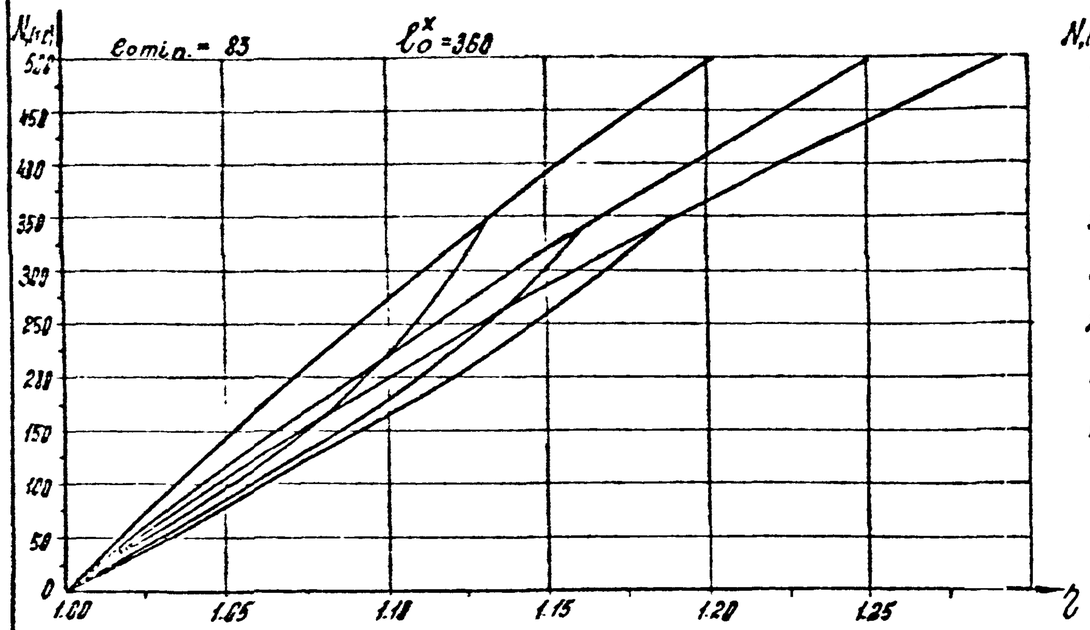
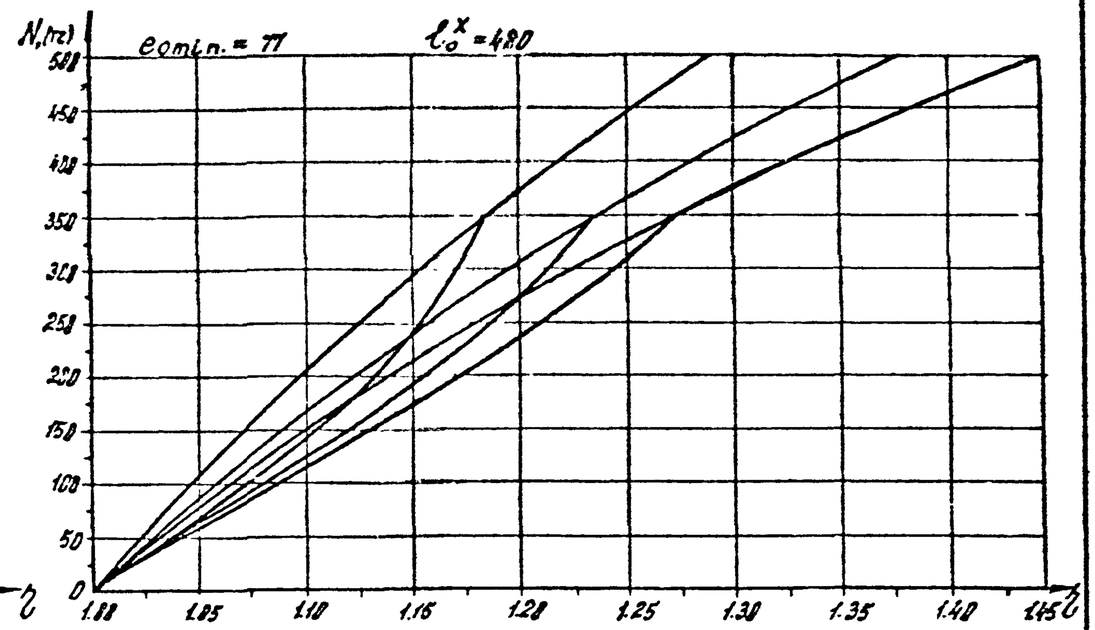
Вх. Зн.× 9 л. 135

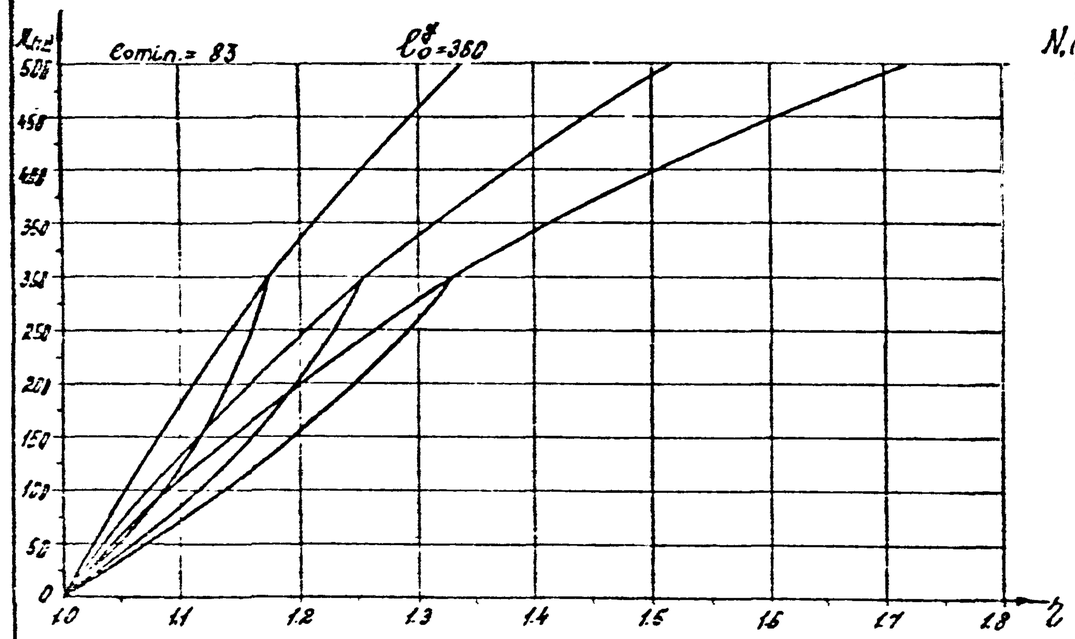


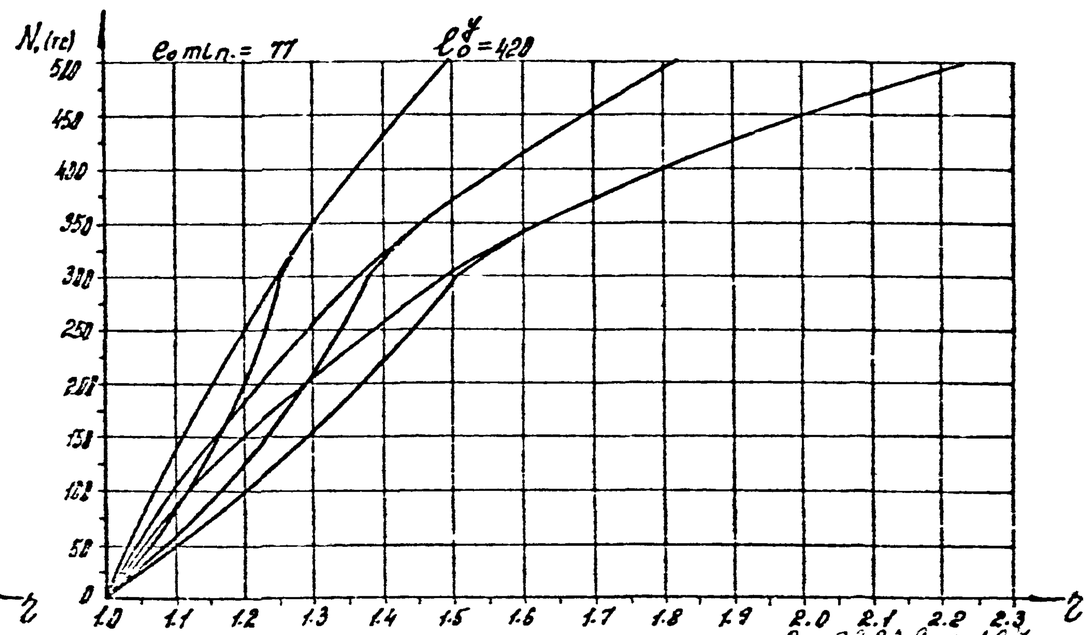
Класс бетона В40 (R_b^0=201.6кгс/см² при учете γ_{b2}=0,9)

Вх. 32829 л. 196



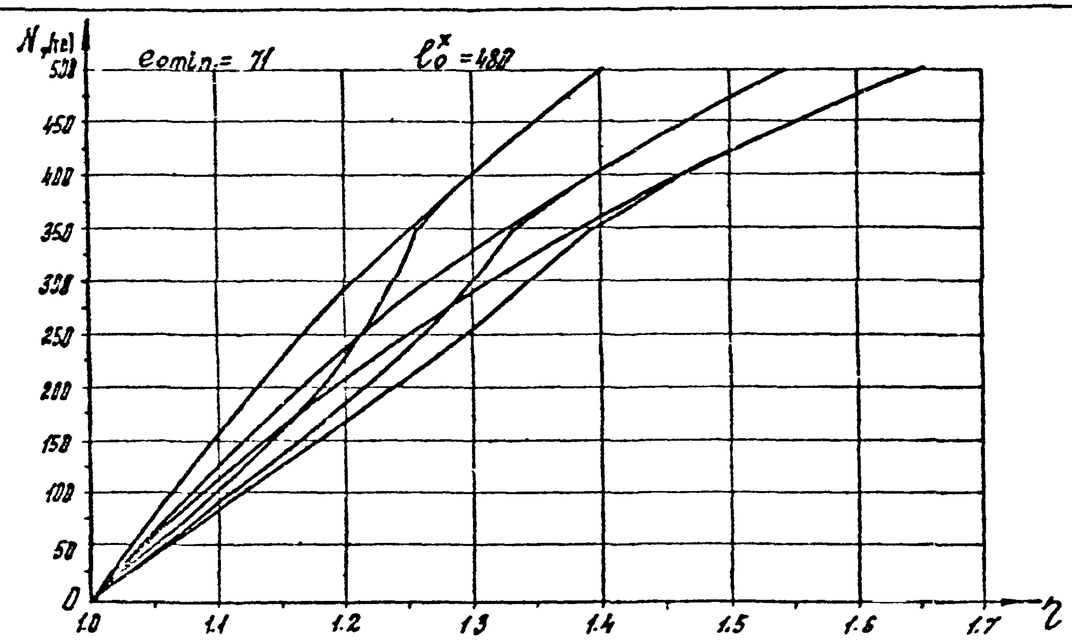


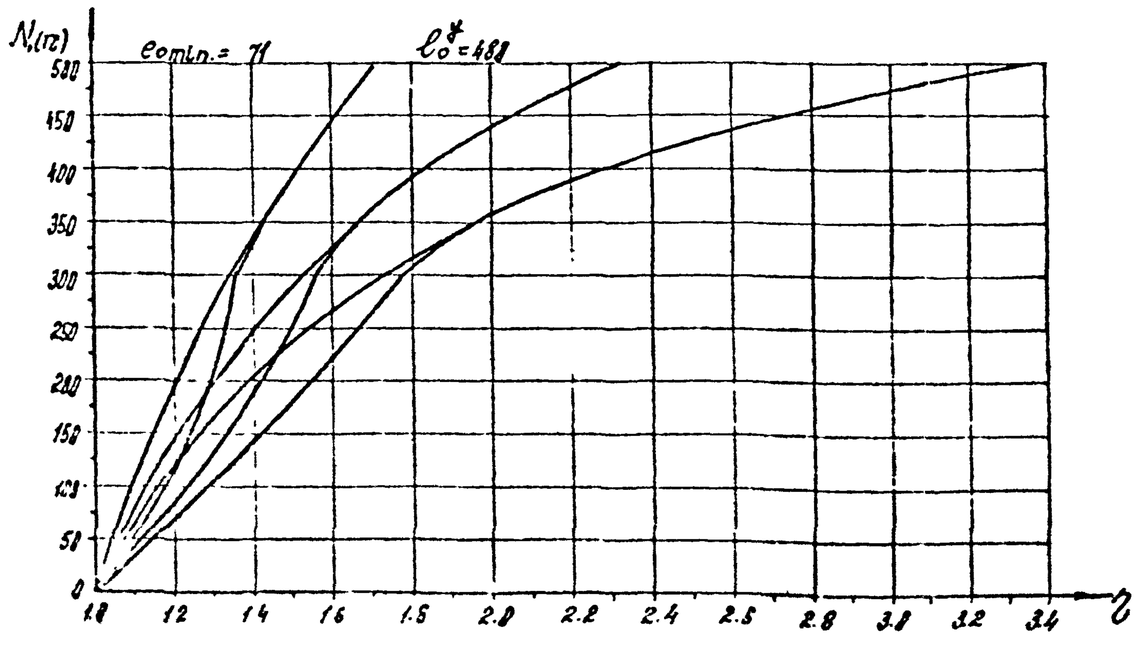




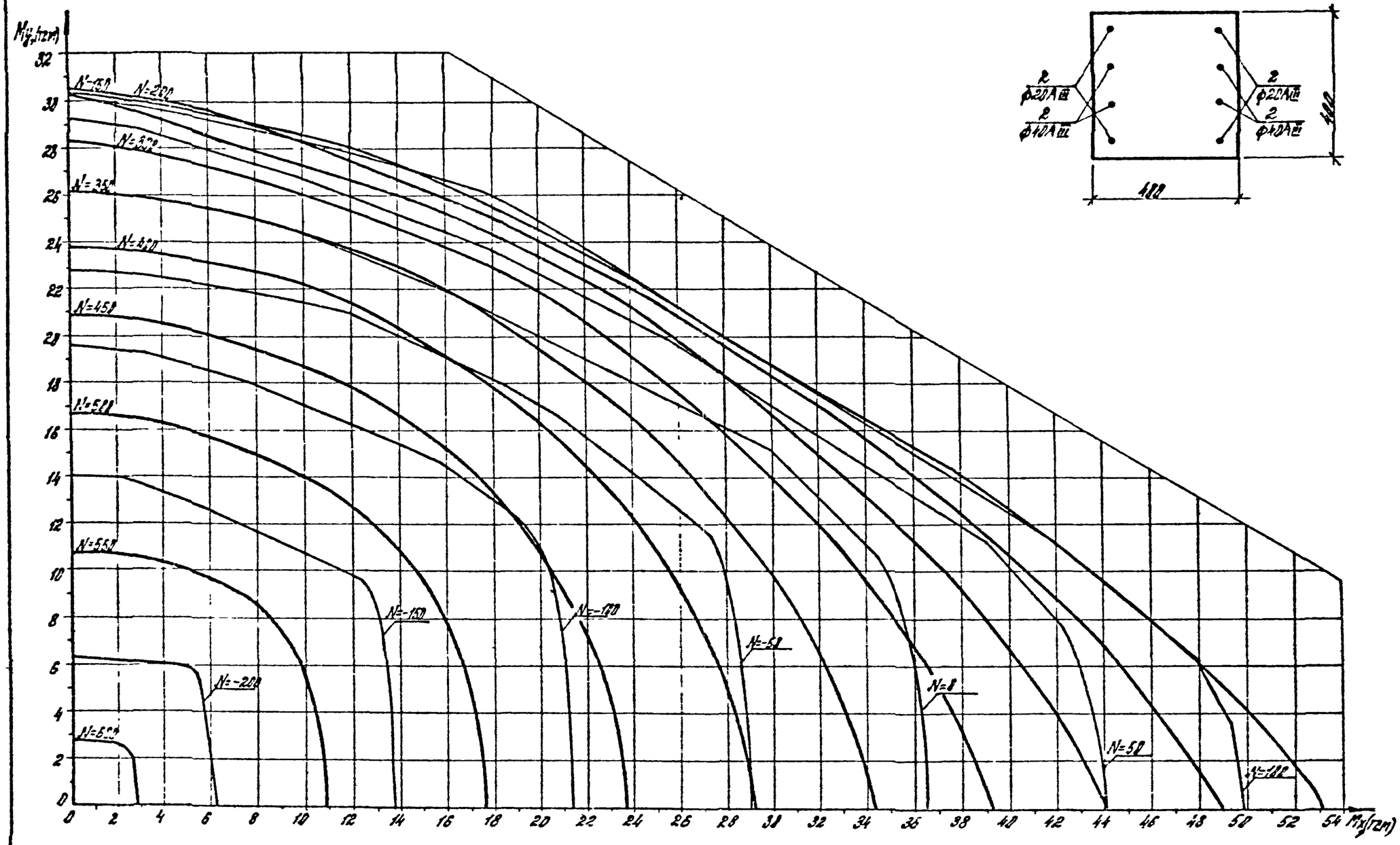
Вх. 32829 л. 137

1.020-1/87.0-6- ЗПЗ



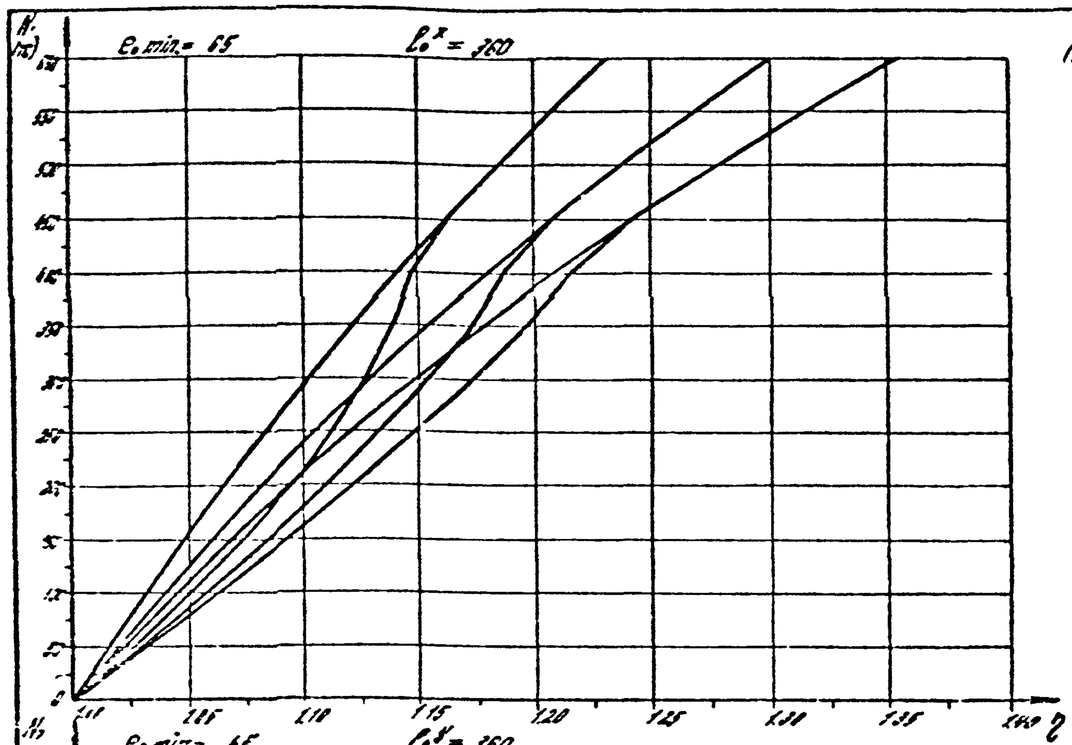


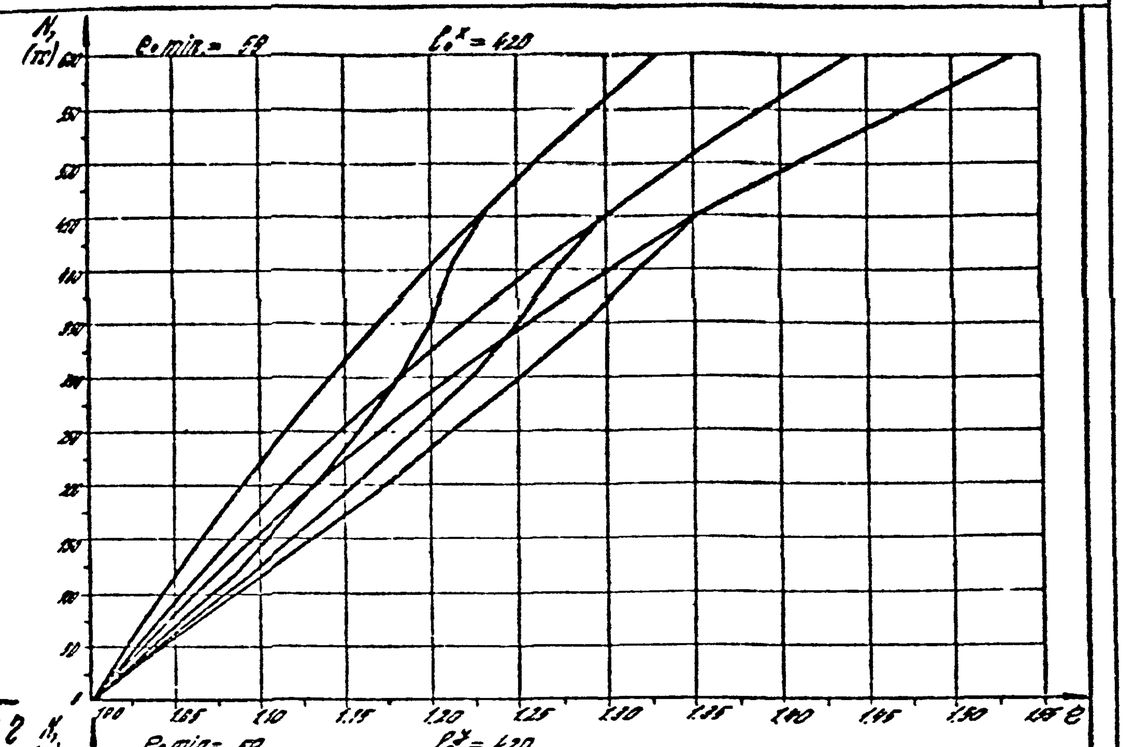
Вх. 32829 л. 198

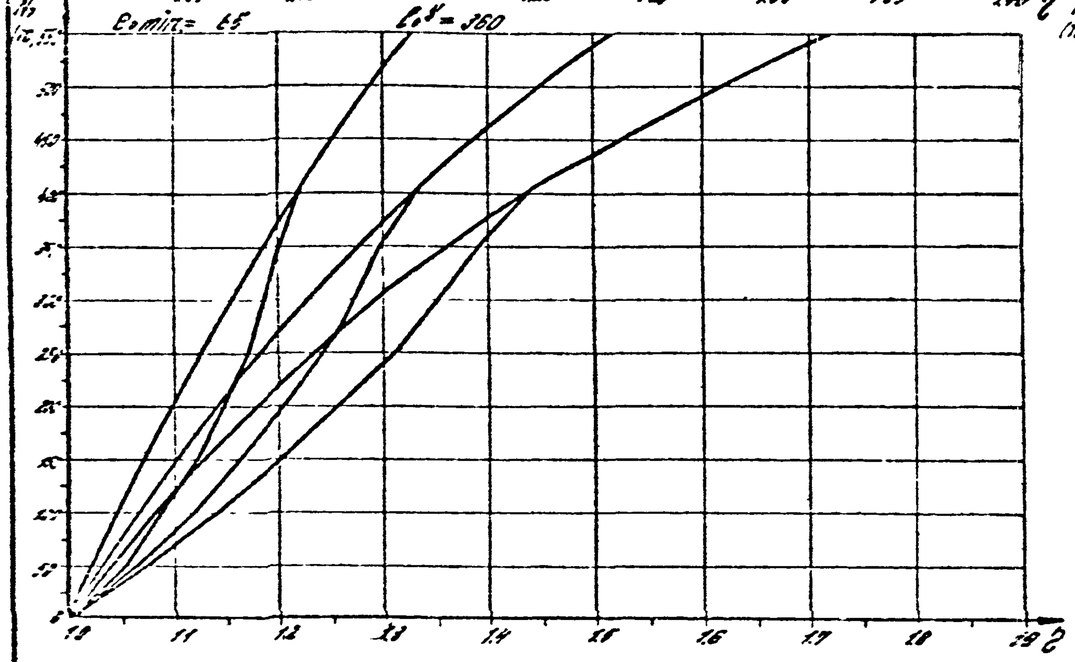


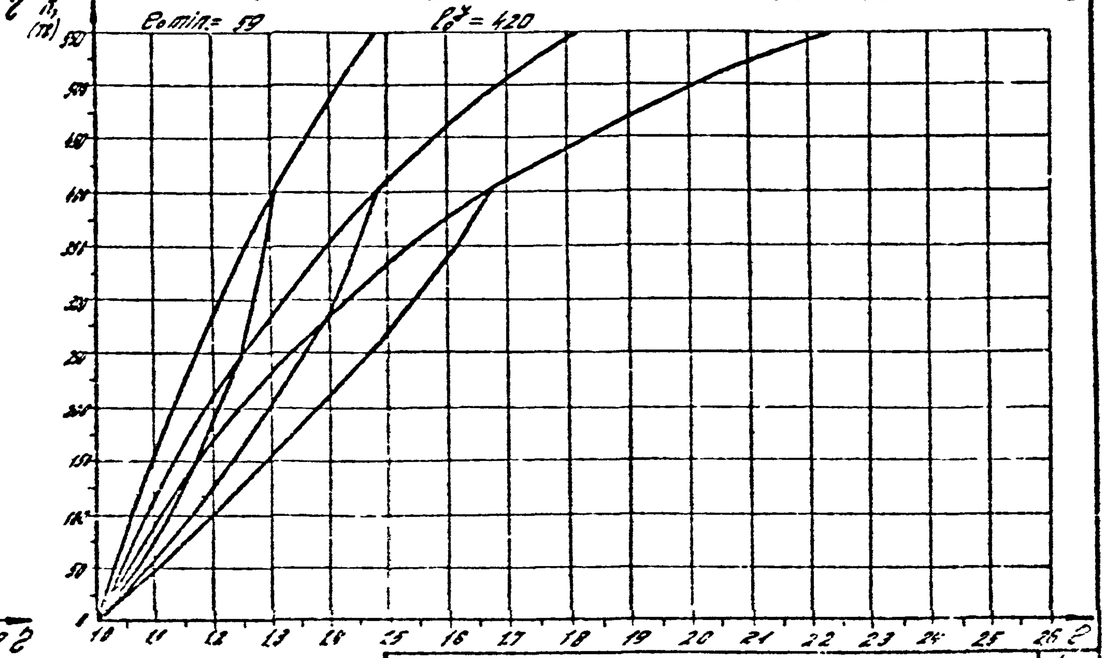
классе бетона В40 (R_b=246,4кгс/см² при учете γ_{b2}=1.10)

Вх. 32829 л.199

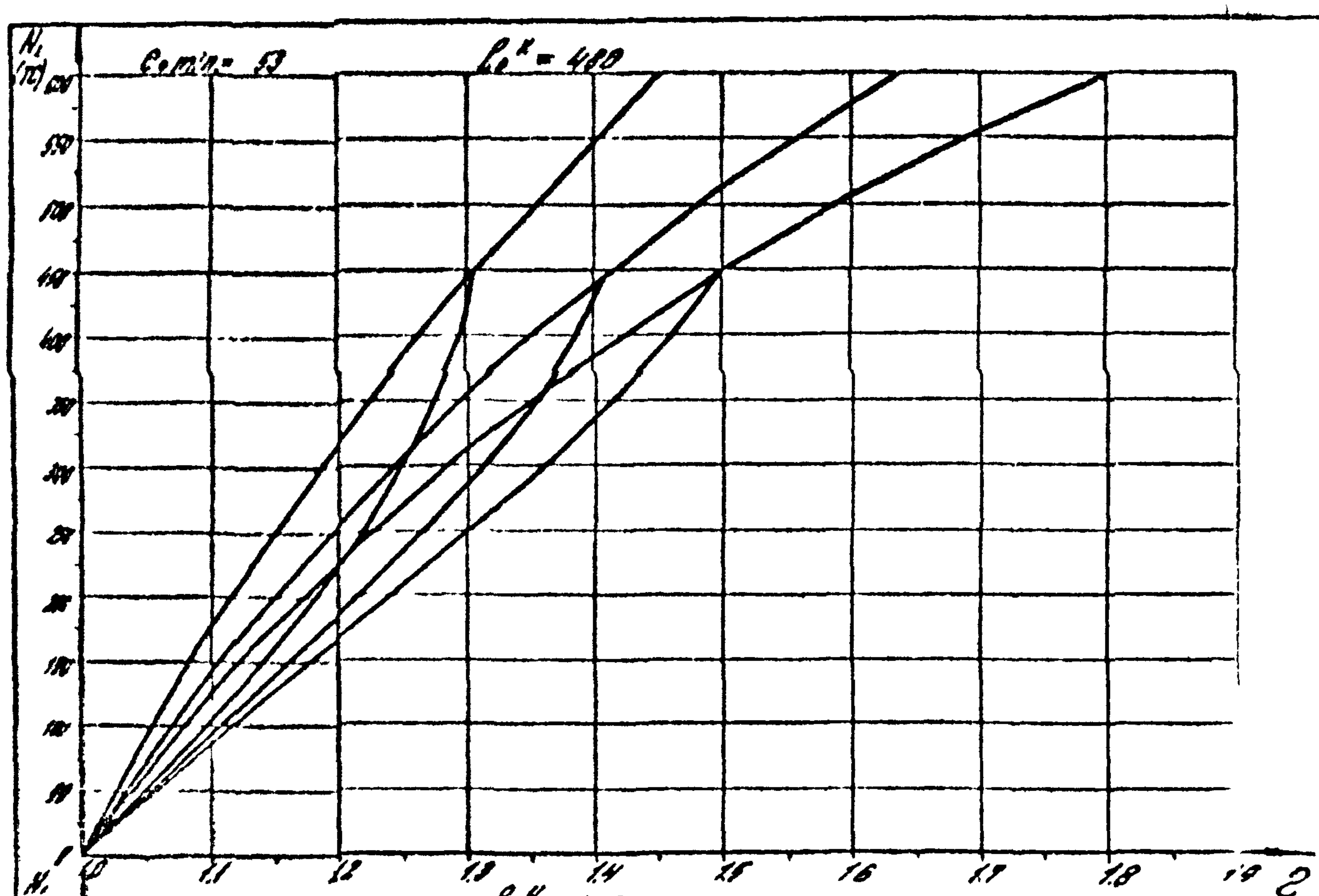


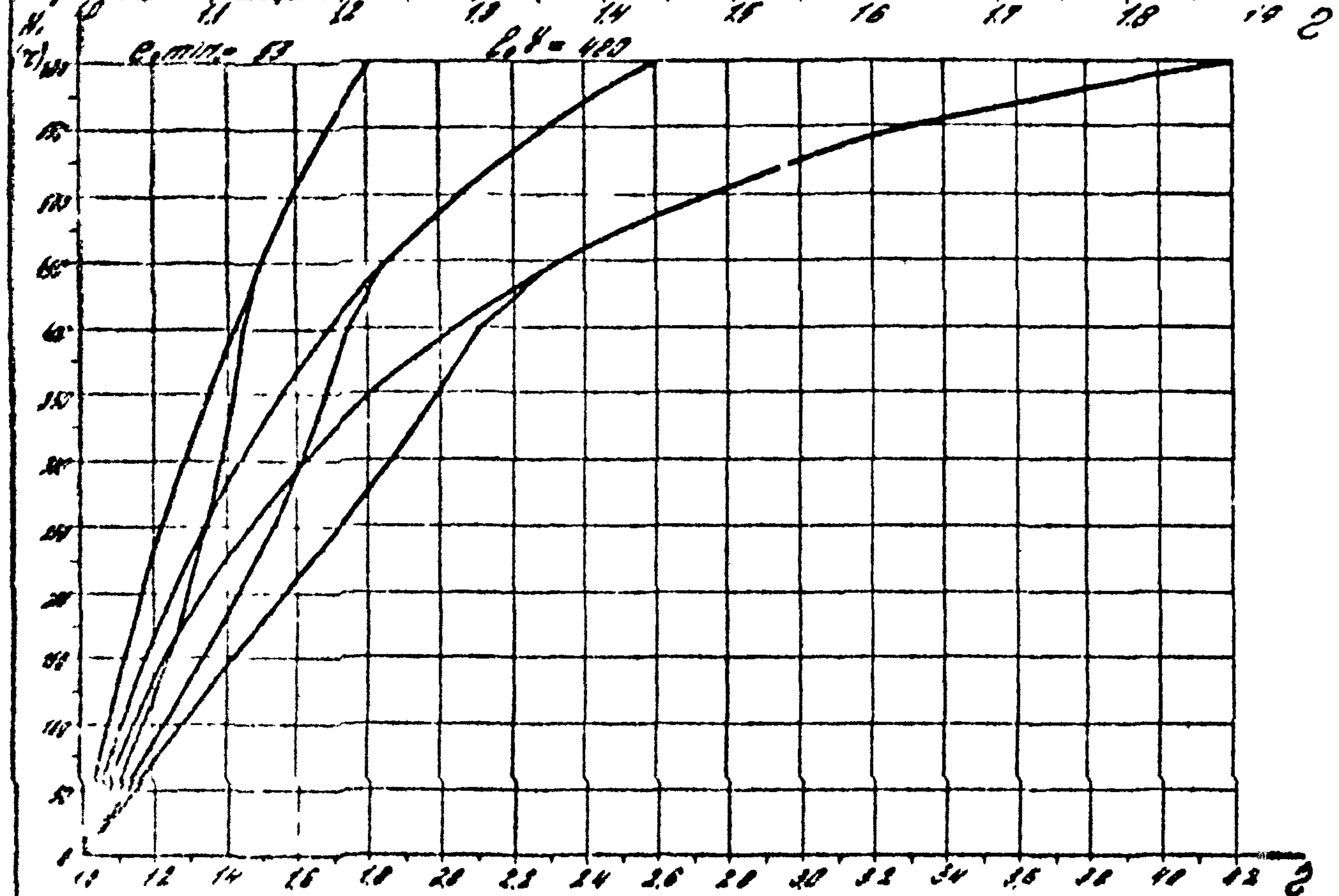




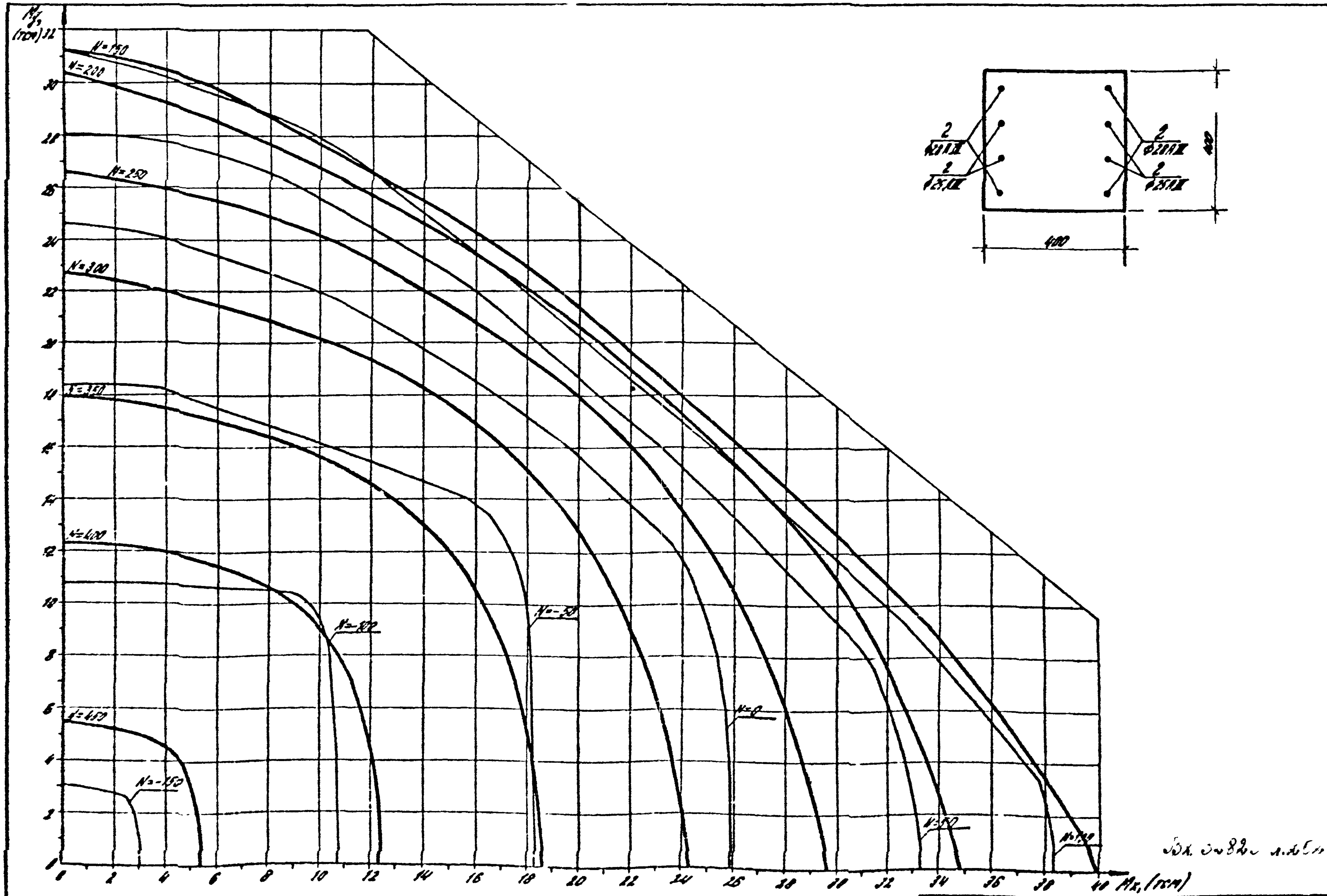


Вх. 32843 л 200





Вх. 32824 л. 201



Класс бетона В40 (Rв=201.5 кгс/см² при учете γв2=0,9)