

FINAL REPORT  
ON  
CONTRACT NAS 9-17249

APPENDIX

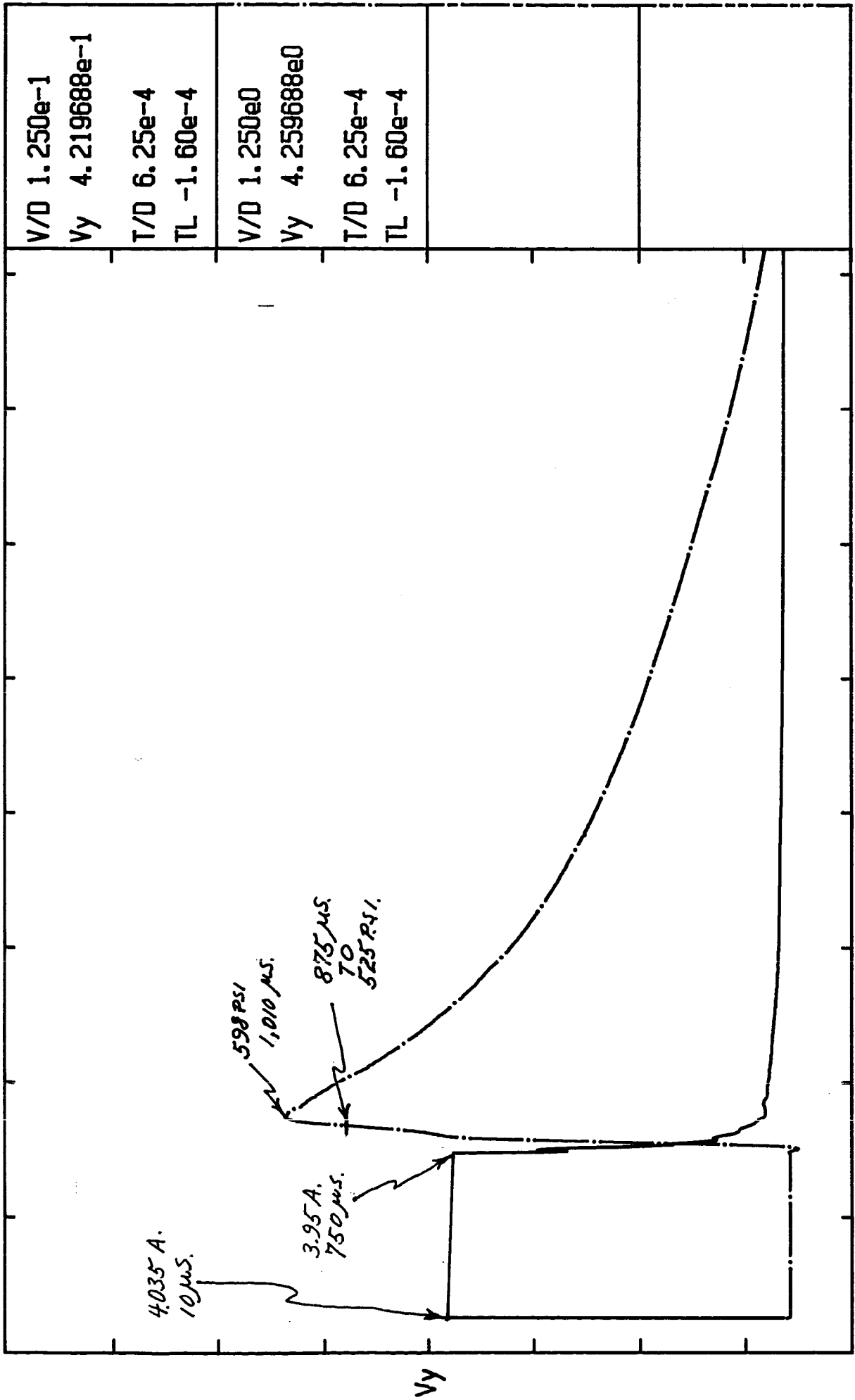
(NASA-CR-172070) [DEVELOPMENT AND  
VERIFICATION OF NASA STANDARD INITIATOR-2  
(ASI-2): APPENDIX] Final Report (Roberts  
Research Lab.) 25 p CSCL 19A

N88-29045

Unclas  
G3/28 0154963



CON. CUR. 3.5A 70F #A1



V/D 1.250e-1  
Vy 4.219688e-1

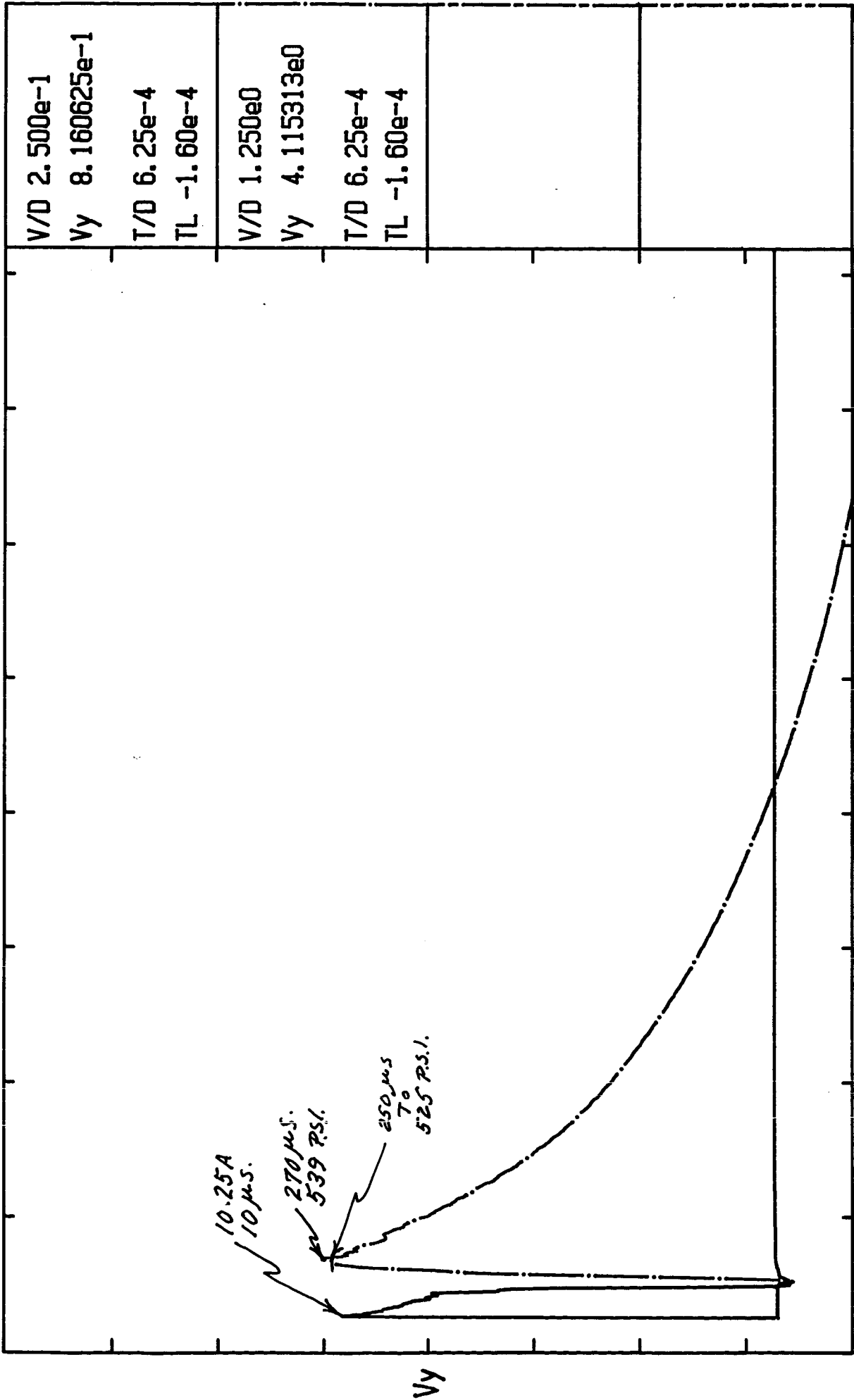
T/D 6.25e-4  
TL -1.60e-4

V/D 1.250e0  
Vy 4.259688e0  
T/D 6.25e-4  
TL -1.60e-4

Vx

TL

CAP. DIS. 20V 70F #A2



V/D 2.500e-1

Vy 8.160625e-1

T/D 6.25e-4

TL -1.60e-4

V/D 1.250e0

Vy 4.115313e0

T/D 6.25e-4

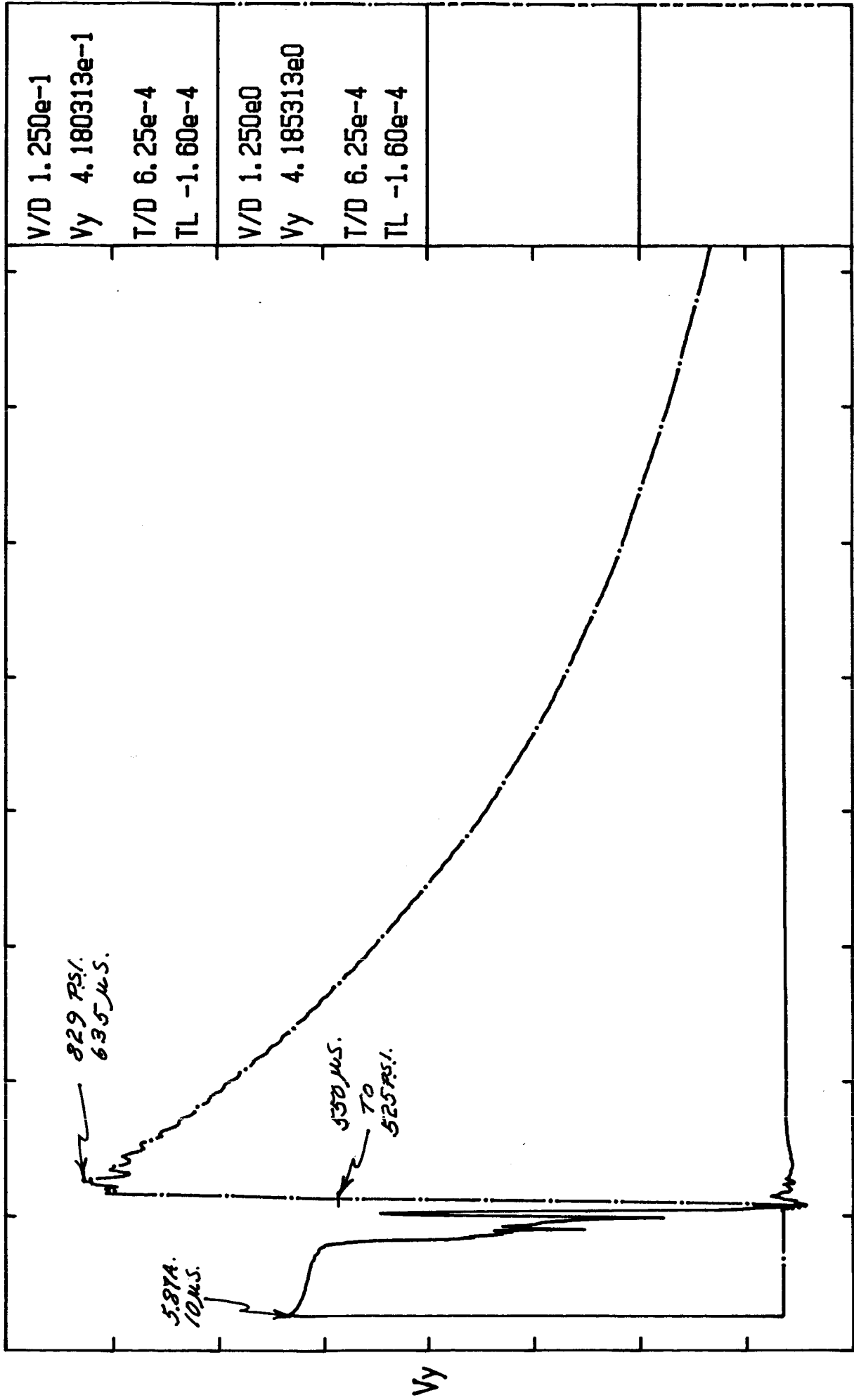
TL -1.60e-4

Vx

TL

Vy

CON. CUR. 5.0A -260F B1



V/D 1.250e-1

Vy 4.180313e-1

T/D 6.25e-4

TL -1.60e-4

V/D 1.250e0

Vy 4.185313e0

T/D 6.25e-4

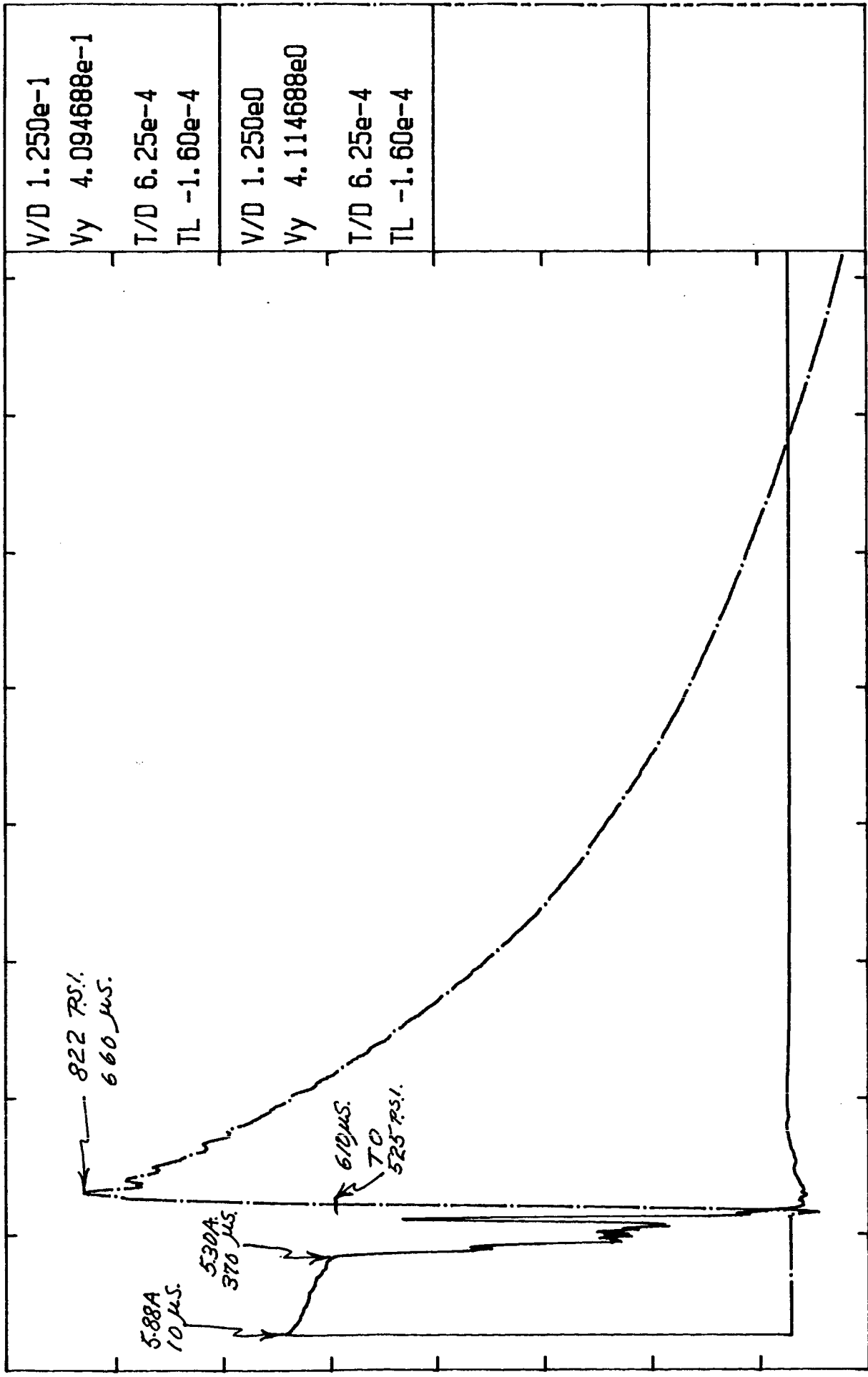
TL -1.60e-4

Vx

TL

Vy

CON. CUR. 5.0A -260F B2



822 PSI.  
660 μs.

610 μs.  
TO  
525 PSI.

5.88A  
10 μs.

5.30A  
370 μs.

V/D 1.250e-1  
Vy 4.094688e-1

T/D 6.25e-4  
TL -1.60e-4

V/D 1.250e0  
Vy 4.114688e0

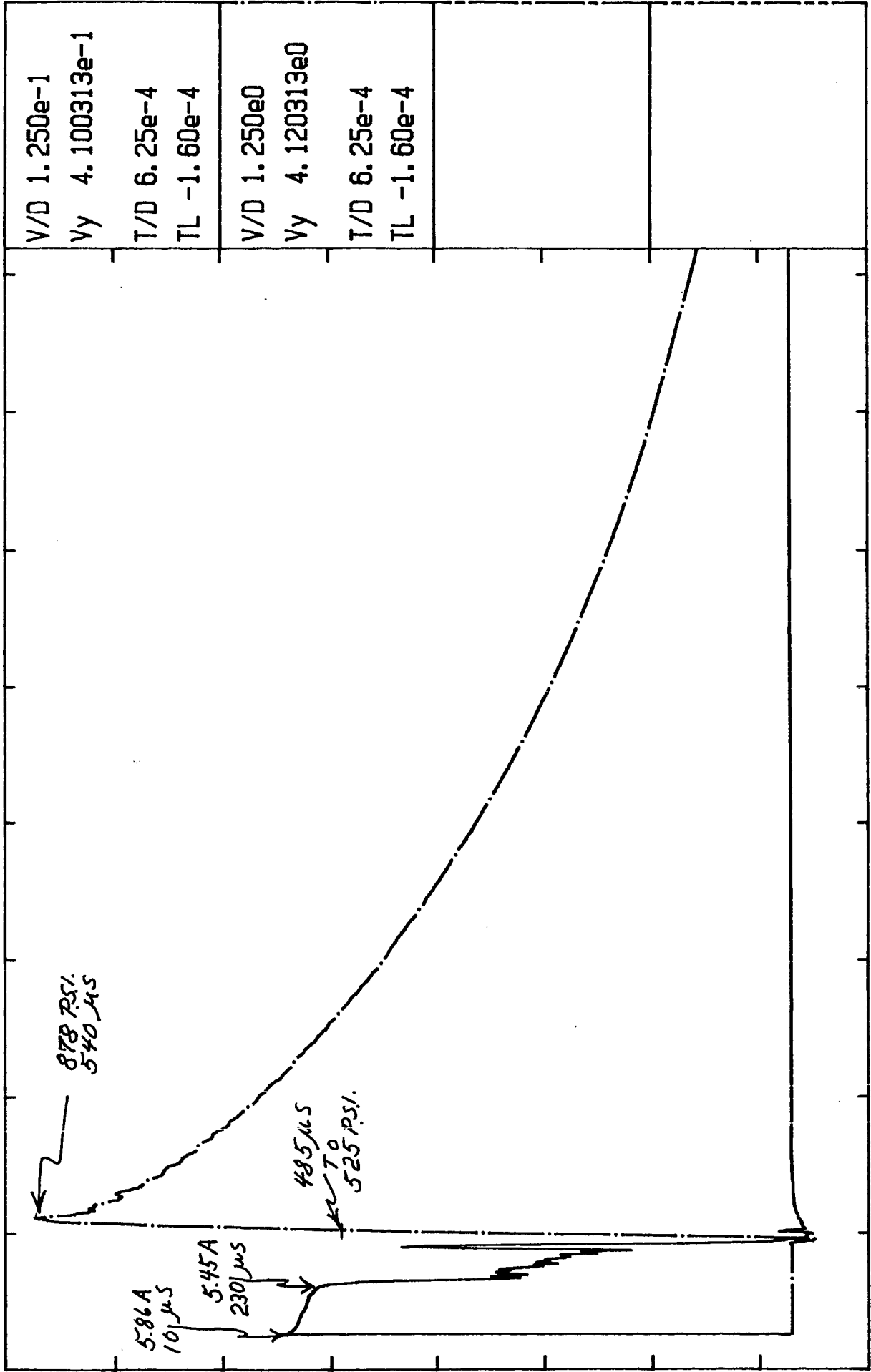
T/D 6.25e-4  
TL -1.60e-4

VY

VX

TL

CON. CUR. 5.0A -260F B3



REC 9  
Disc 6

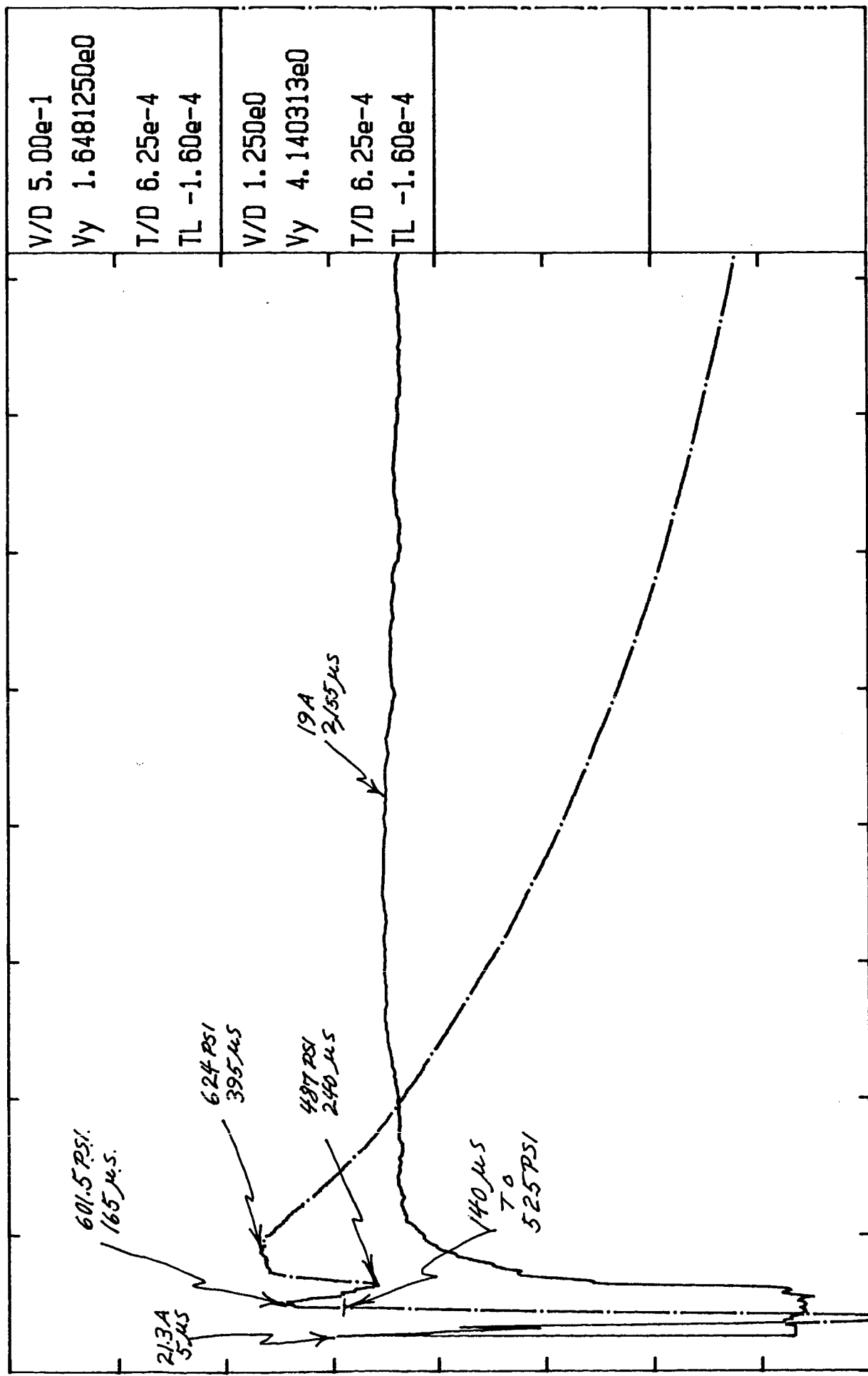
VY

Vx

TL

CON. CUR. 22A -260F B4

REC 10  
DISC 6



V/D 5.00e-1  
Vy 1.6481250e0  
T/D 6.25e-4  
TL -1.60e-4

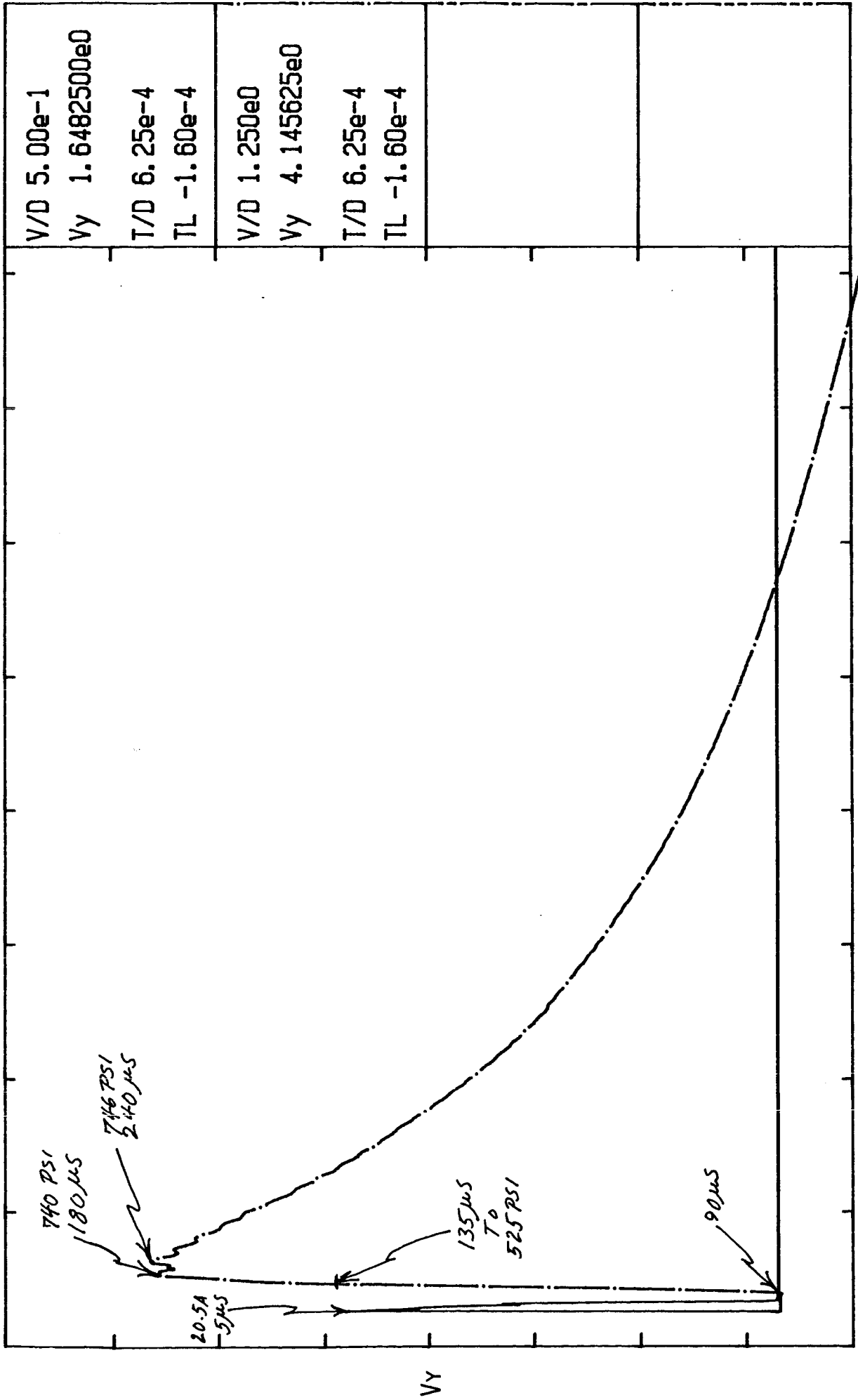
V/D 1.250e0  
Vy 4.140313e0  
T/D 6.25e-4  
TL -1.60e-4

VY

Vx

TL

CON. CUR. 22A -260F B5



Vx

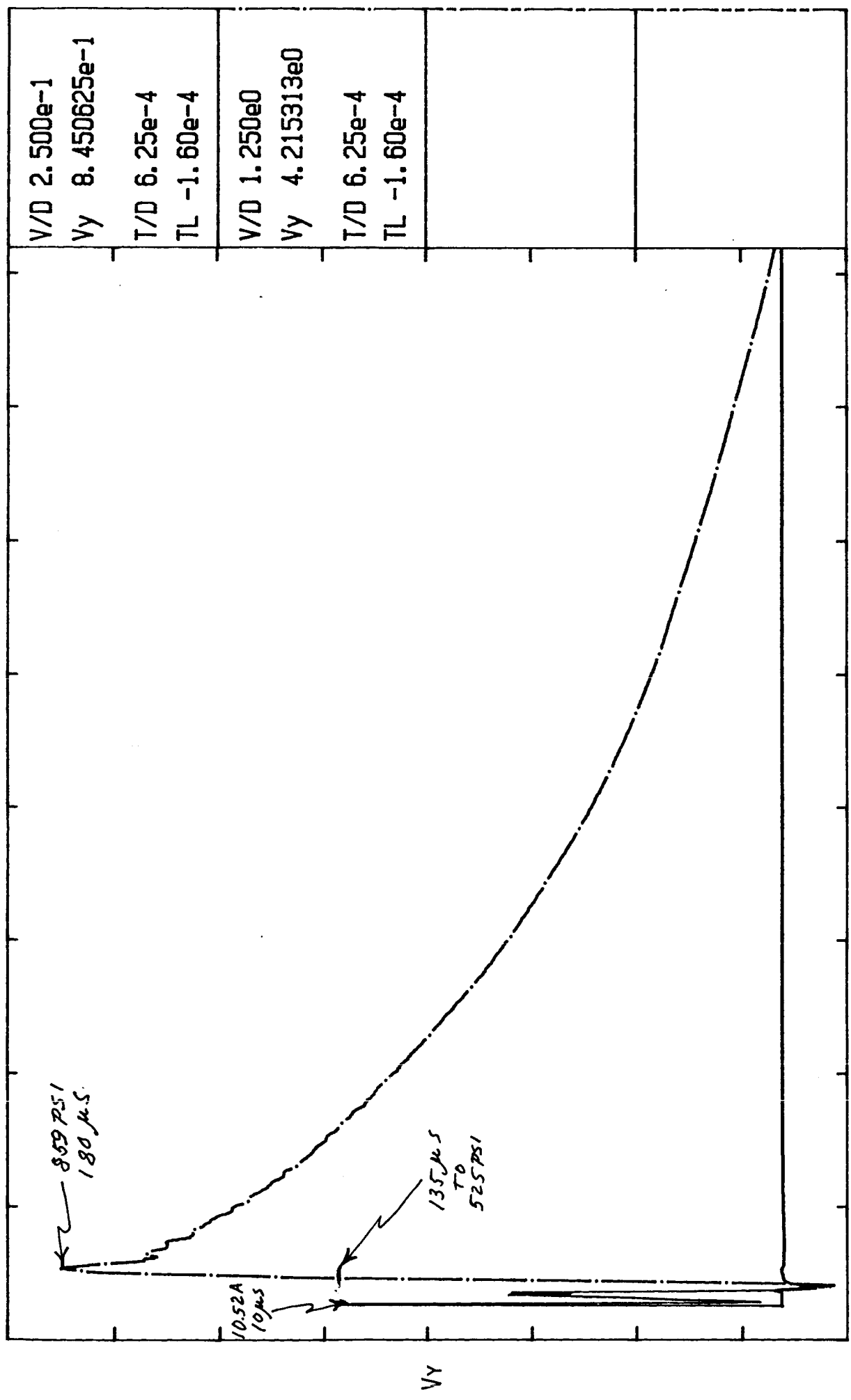
TL

VY



REC 11  
Disc 7

# CAP. DIS. 20V -260F B6



V/D 2.500e-1  
Vy 8.450625e-1

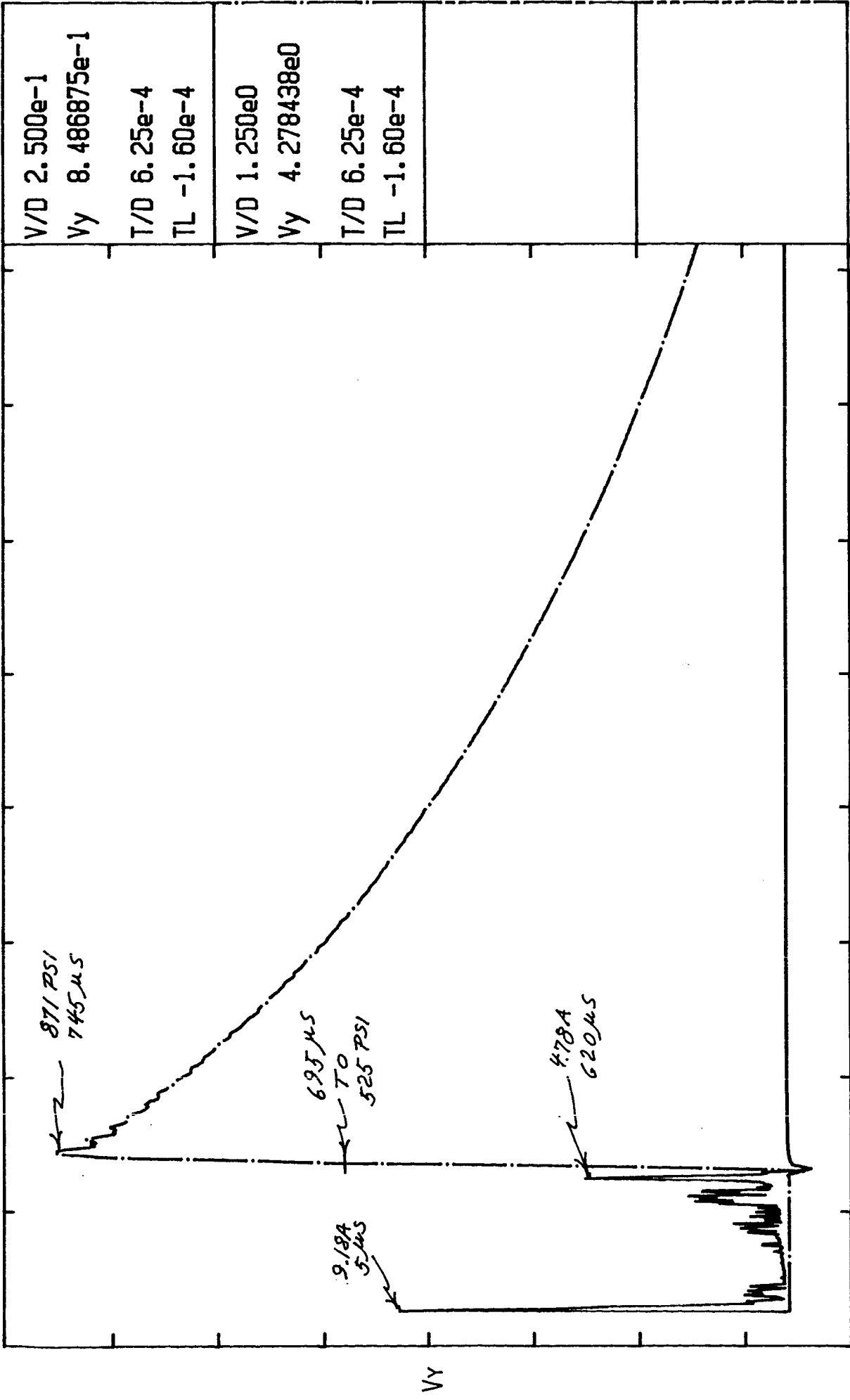
T/D 6.25e-4  
TL -1.60e-4

V/D 1.250e0  
Vy 4.215313e0

T/D 6.25e-4  
TL -1.60e-4

REC. 12  
DISC. 7

# CAP. DIS. 20V -260F B7



V/D 2.500e-1

Vy 8.486875e-1

T/D 6.25e-4

TL -1.60e-4

V/D 1.250e0

Vy 4.278438e0

T/D 6.25e-4

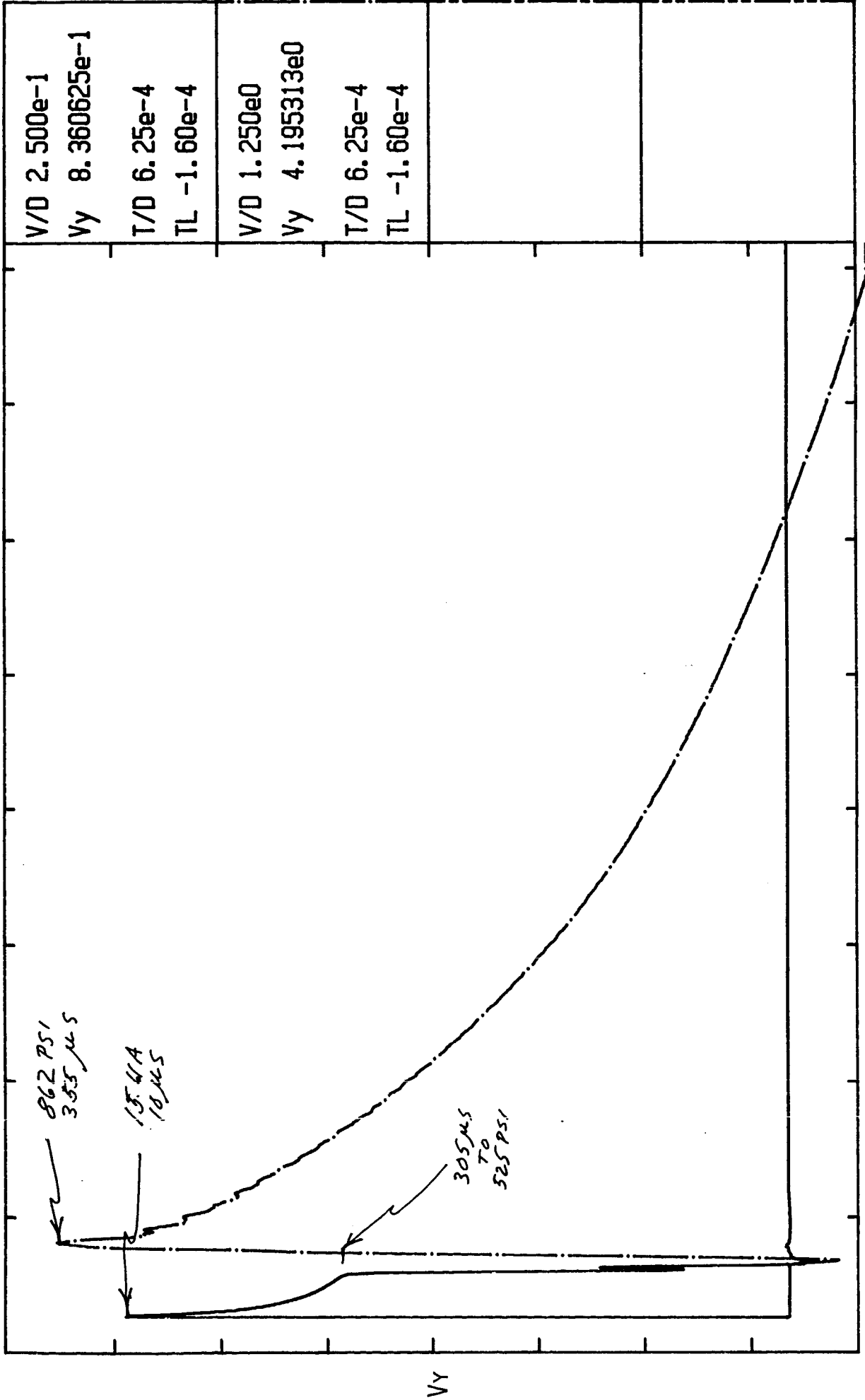
TL -1.60e-4

TL

Vx

Page 13  
Sheet 7

# CAP. DIS. 20V -260F B8



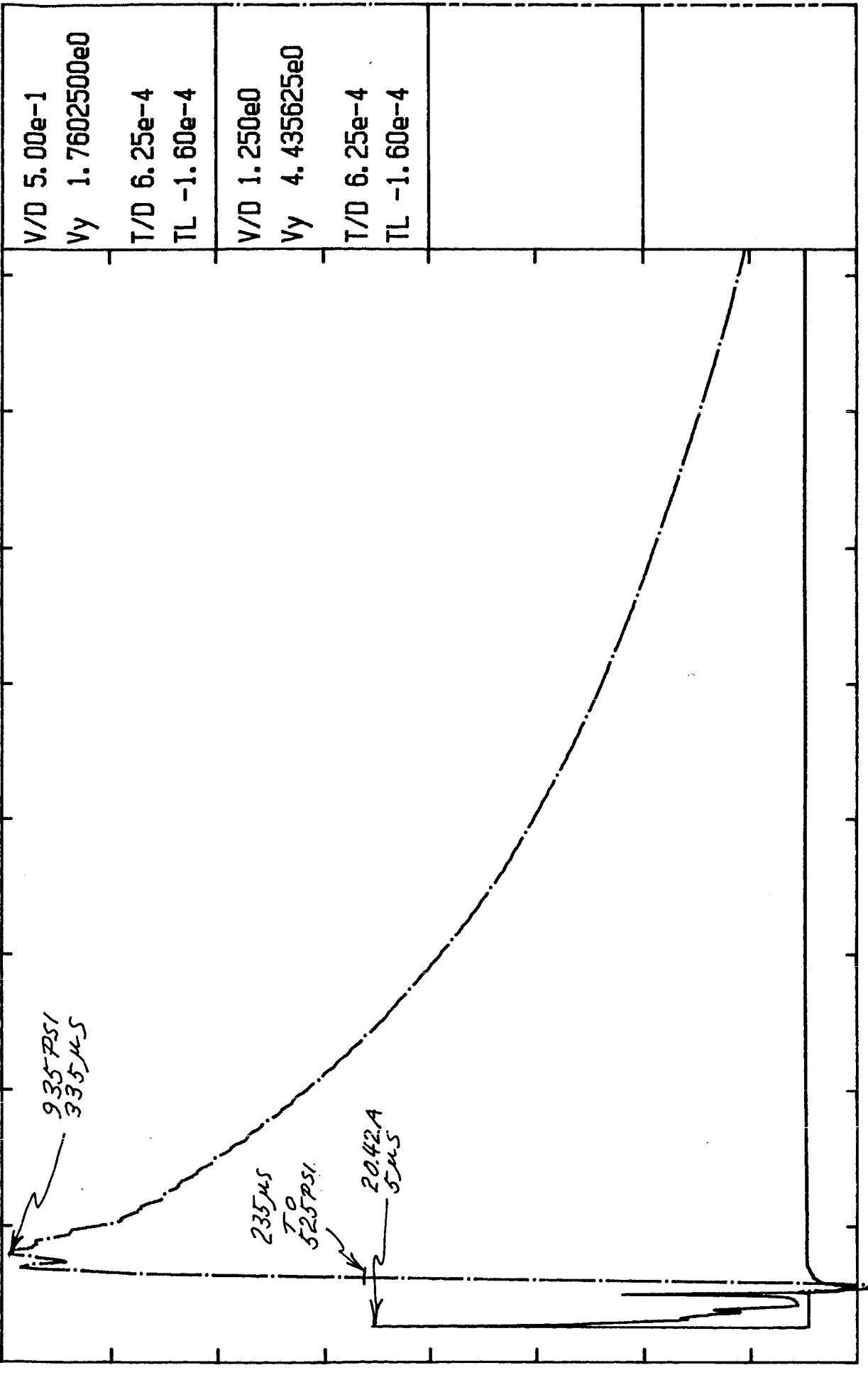
Vx

TL

VY

REC 2  
DISC 7

# CAP. DIS. 40V -260F B9

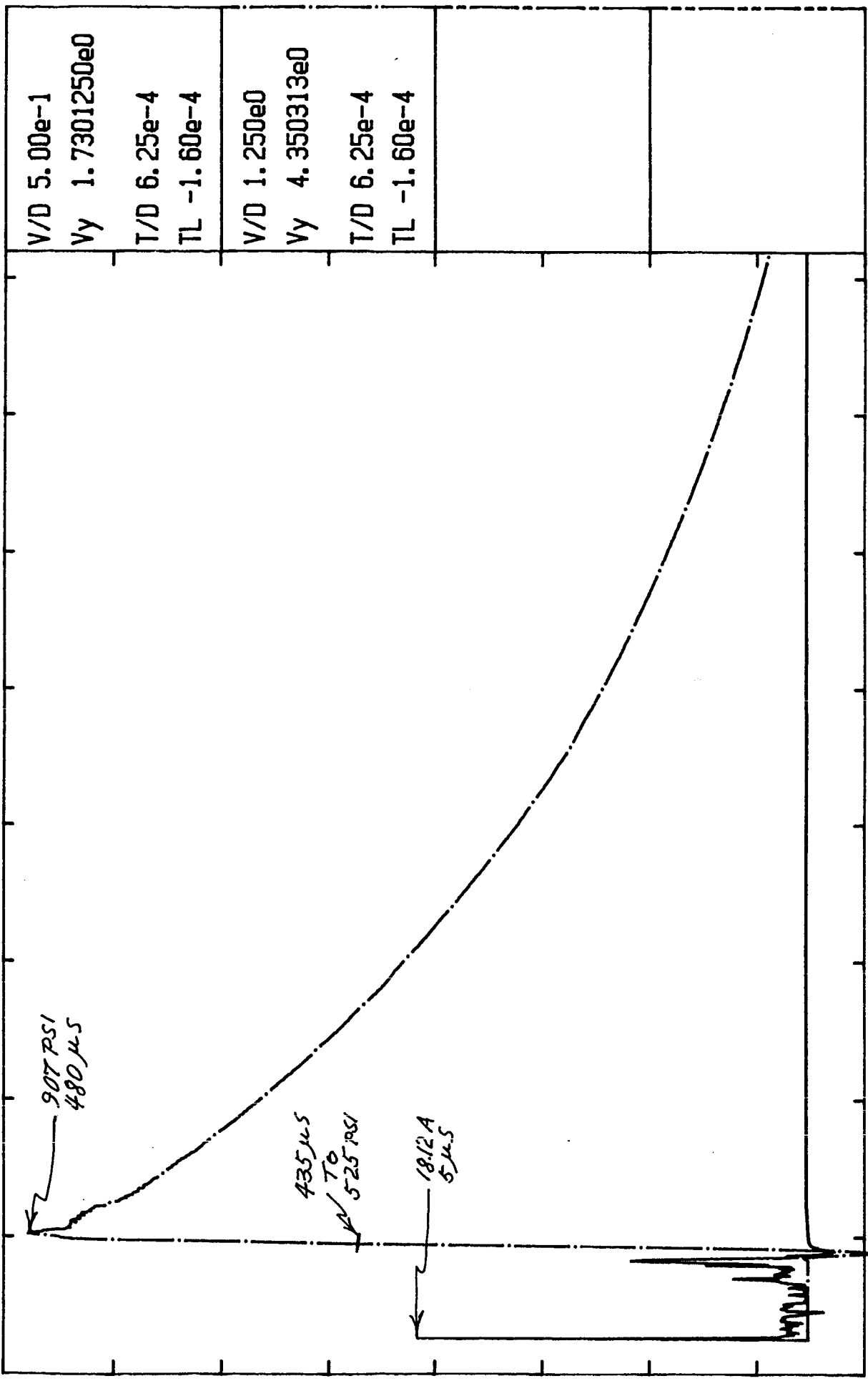


V/D 5.00e-1
Vy 1.7602500e0
T/D 6.25e-4
TL -1.60e-4
V/D 1.250e0
Vy 4.435625e0
T/D 6.25e-4
TL -1.60e-4

TL

RES 6  
Disc 7

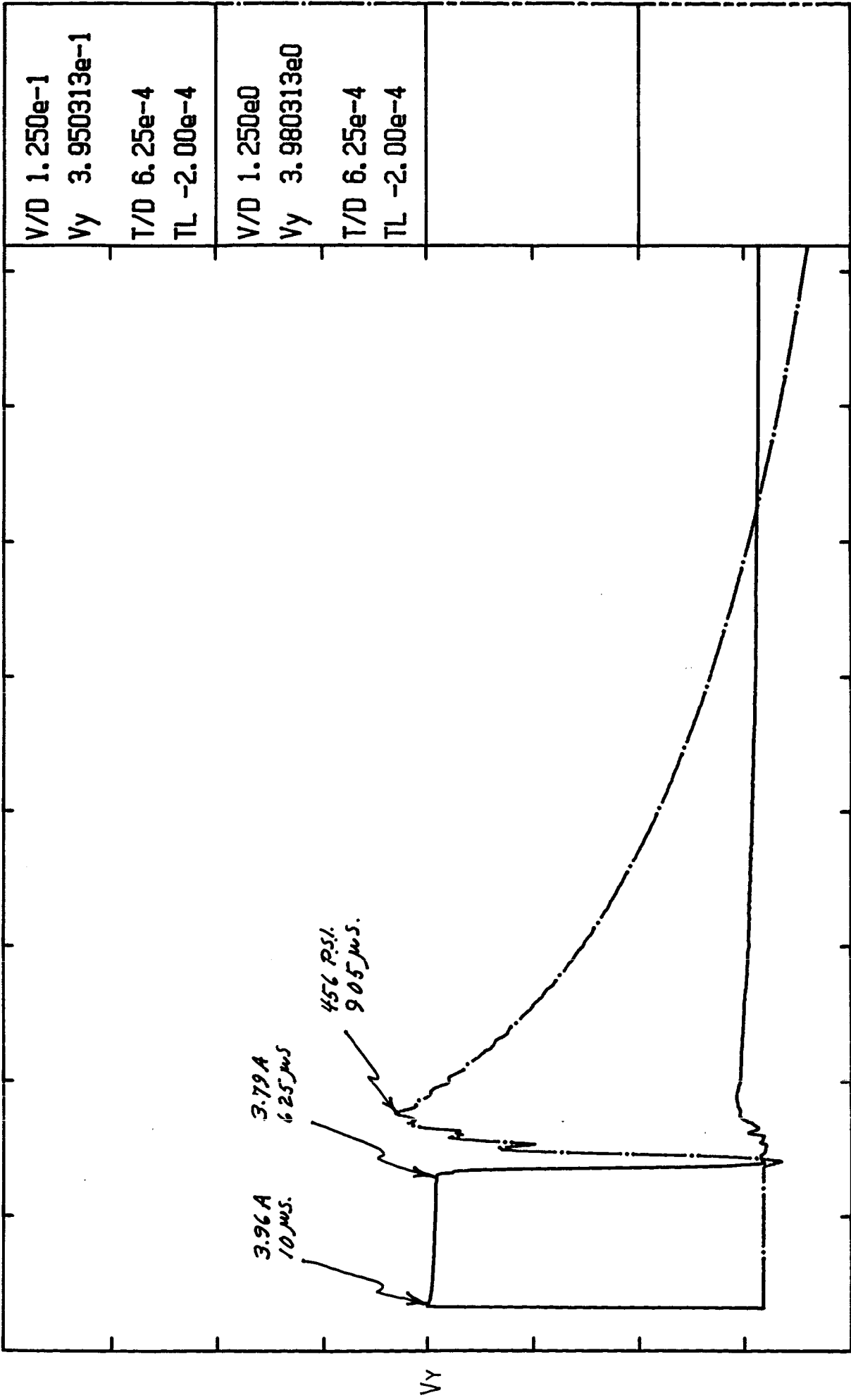
# CAP. DIS. 40V -260F B10



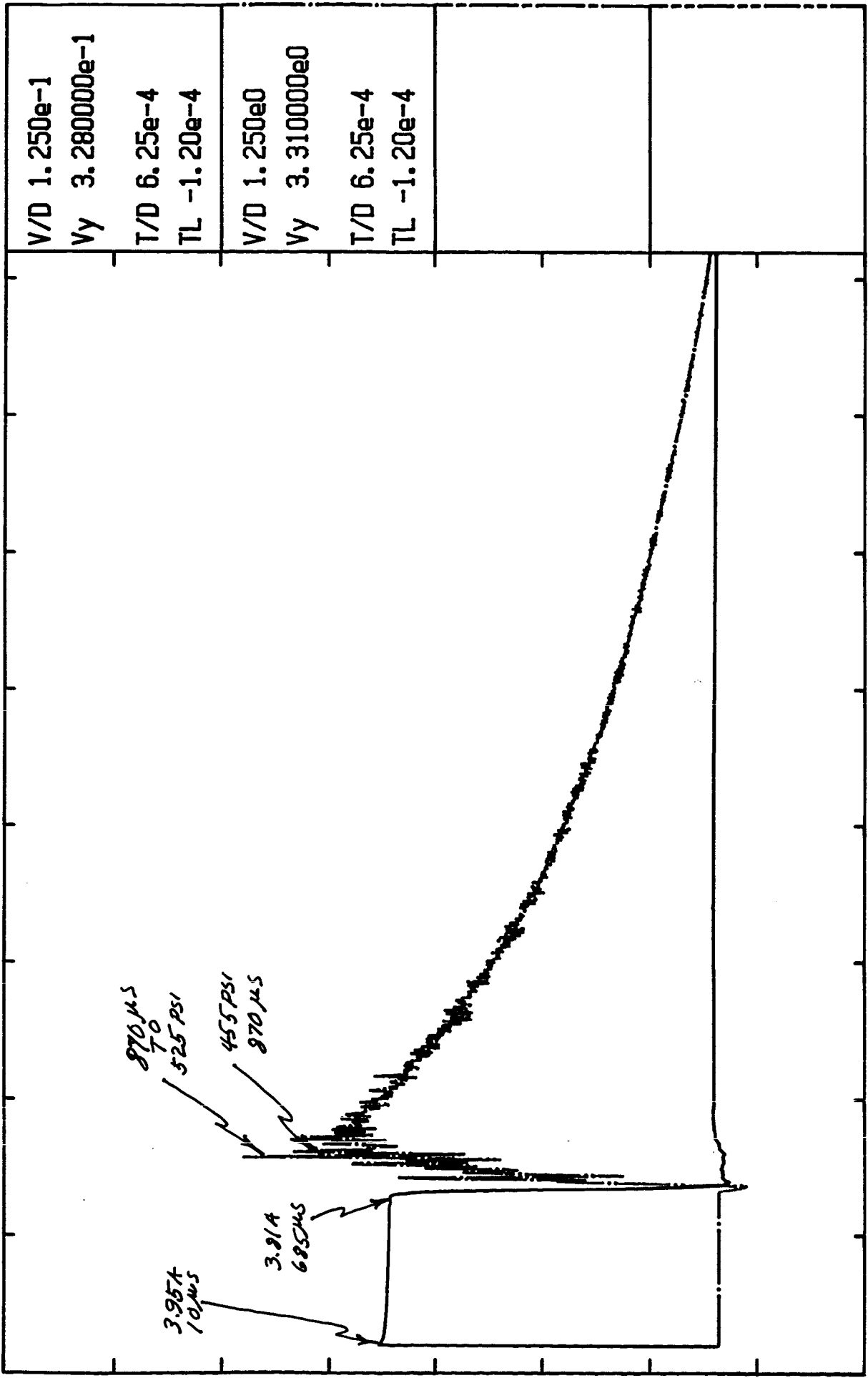
V/D 5.00e-1	
Vy 1.7301250e0	
T/D 6.25e-4	
TL -1.60e-4	
V/D 1.250e0	
Vy 4.350313e0	
T/D 6.25e-4	
TL -1.60e-4	

TL

CON. CUR. 3.5A 300F C1



CON. CUR. 3.5A 300F C2



V/D 1.250e-1  
 Vy 3.280000e-1  
 T/D 6.25e-4  
 TL -1.20e-4

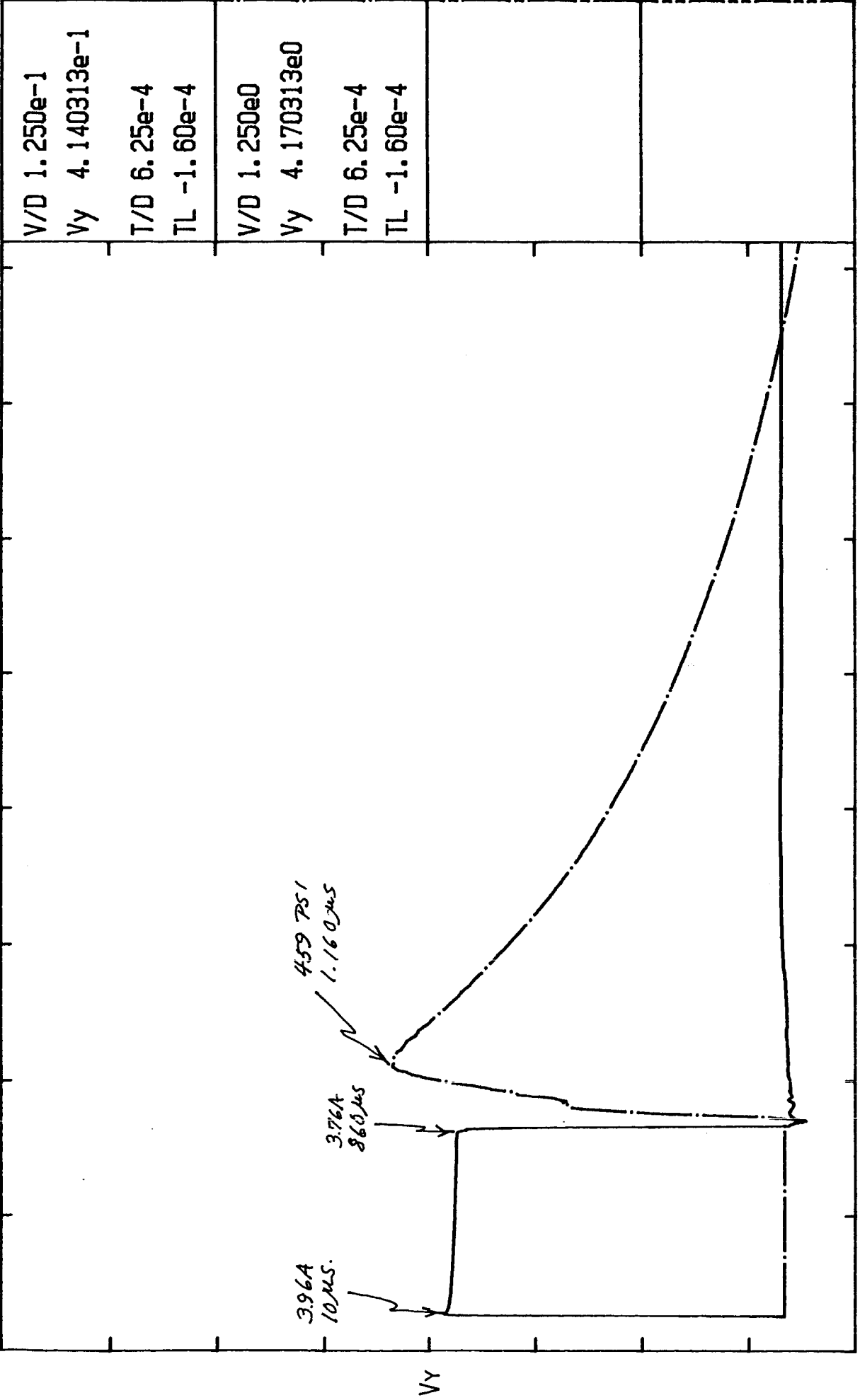
V/D 1.250e0  
 Vy 3.310000e0  
 T/D 6.25e-4  
 TL -1.20e-4

VY

VX

TL

CON. CUR. 3.5A 300F C3



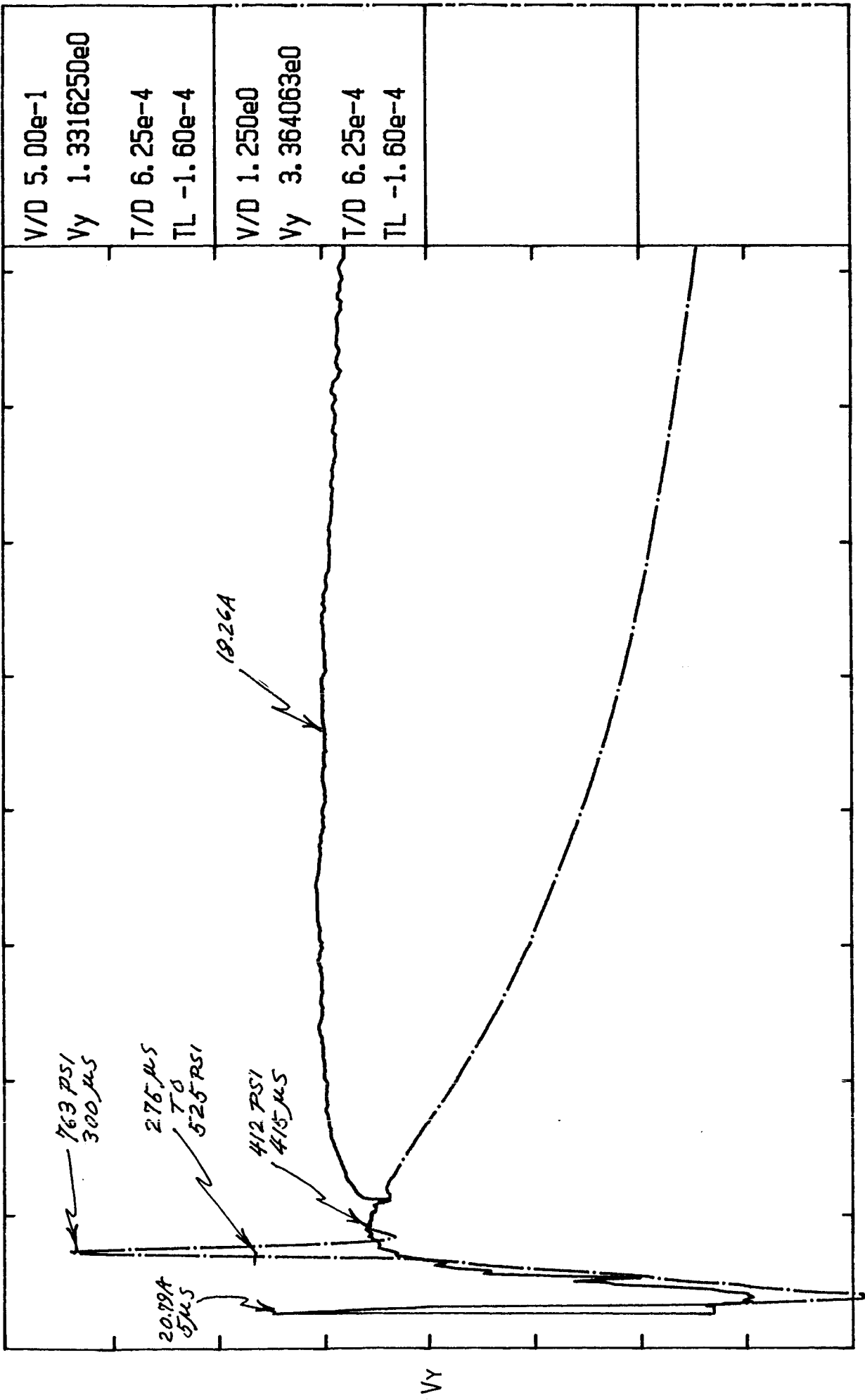
Vx

TL



REC 14  
DIS. 6

# CON. CUR. 22A 300F C4

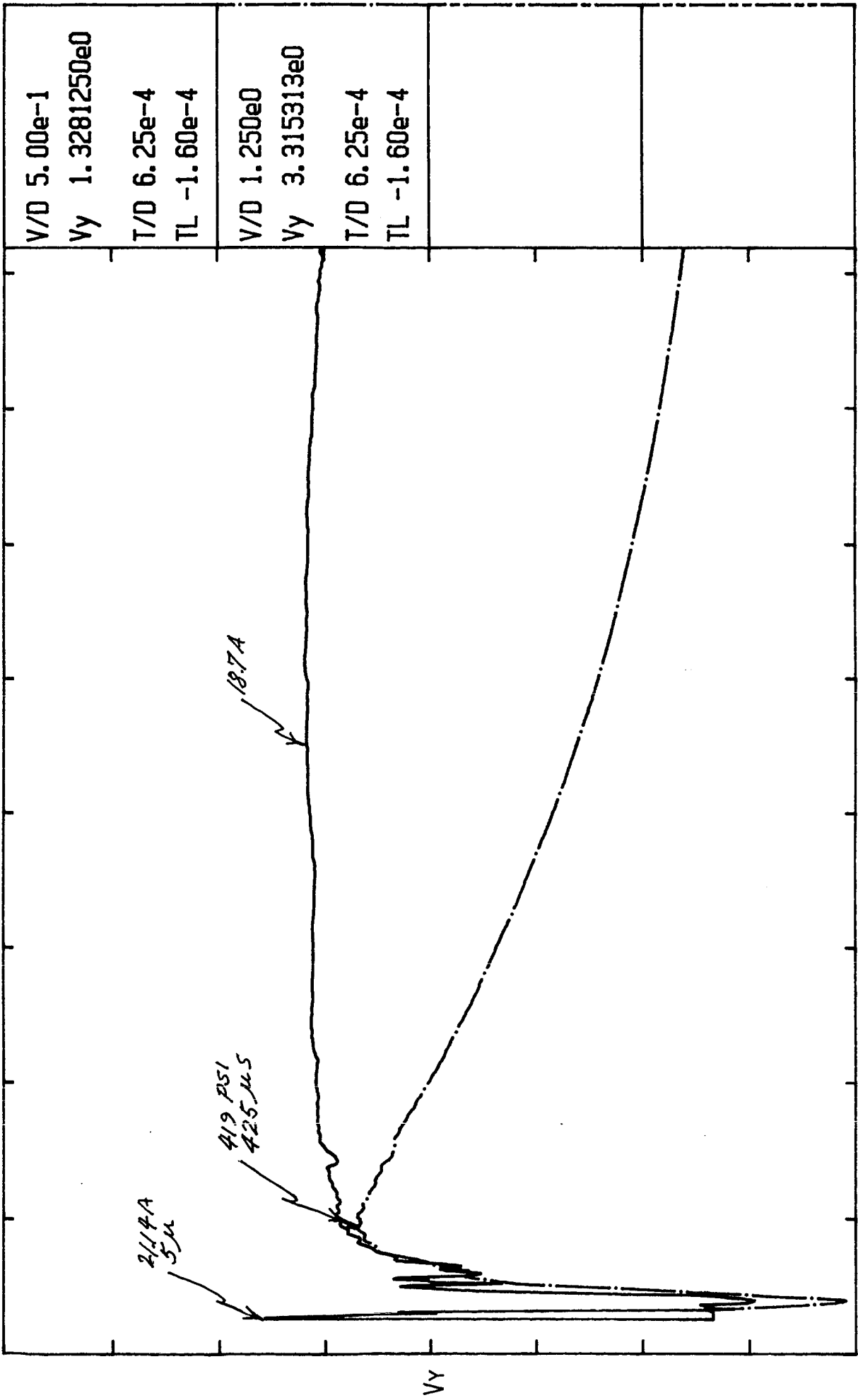


V/D 5.00e-1
Vy 1.3316250e0
T/D 6.25e-4
TL -1.60e-4
V/D 1.250e0
Vy 3.364063e0
T/D 6.25e-4
TL -1.60e-4

VY  
VX  
TL

REC 10  
3000

CON. CUR. 22A 300F C5

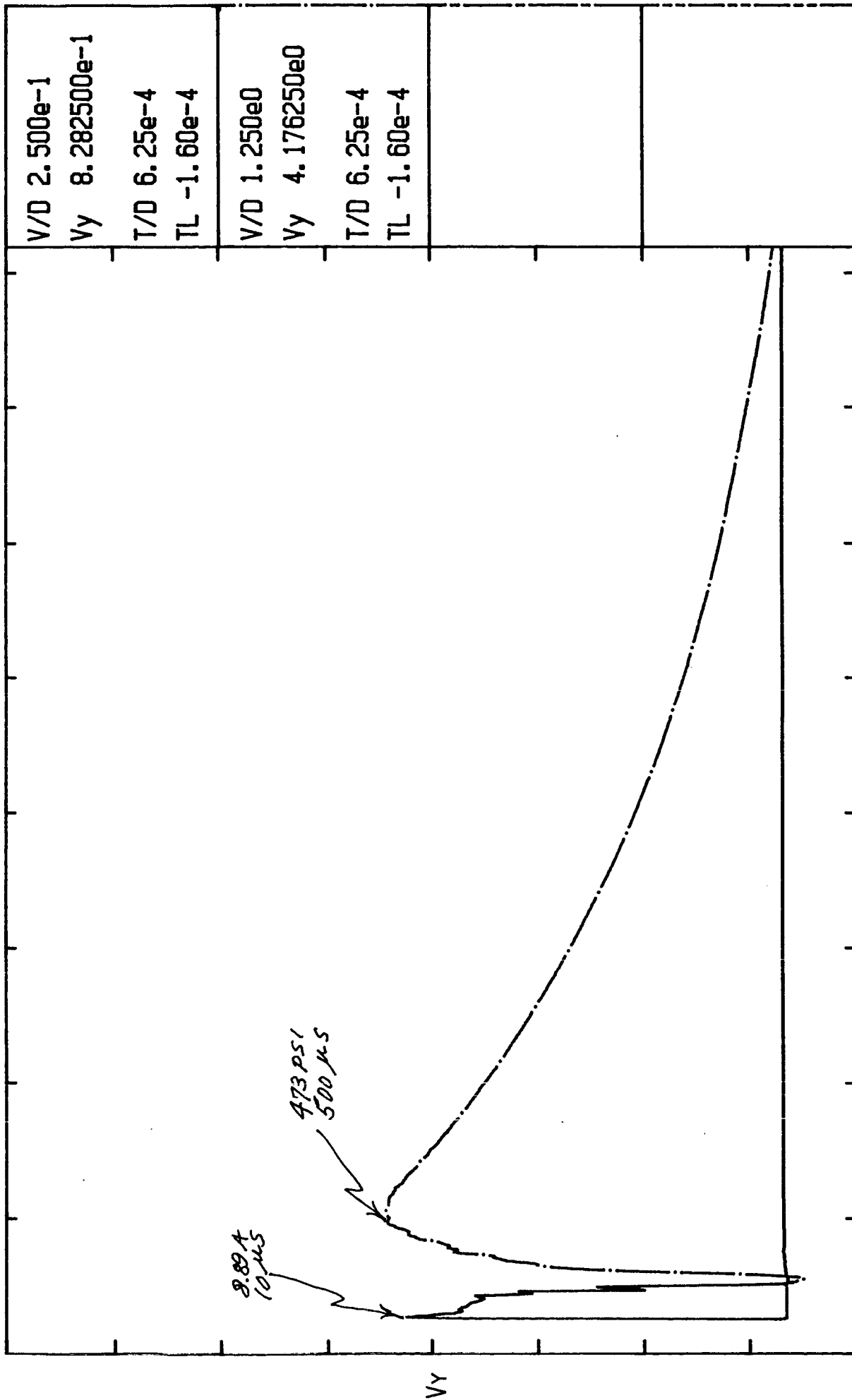


Vx

TL

RECORD 20  
DIS 2

# CAP. DIS. 20V 300F C6



V/D 2.500e-1

Vy 8.282500e-1

T/D 6.25e-4

TL -1.60e-4

V/D 1.250e0

Vy 4.176250e0

T/D 6.25e-4

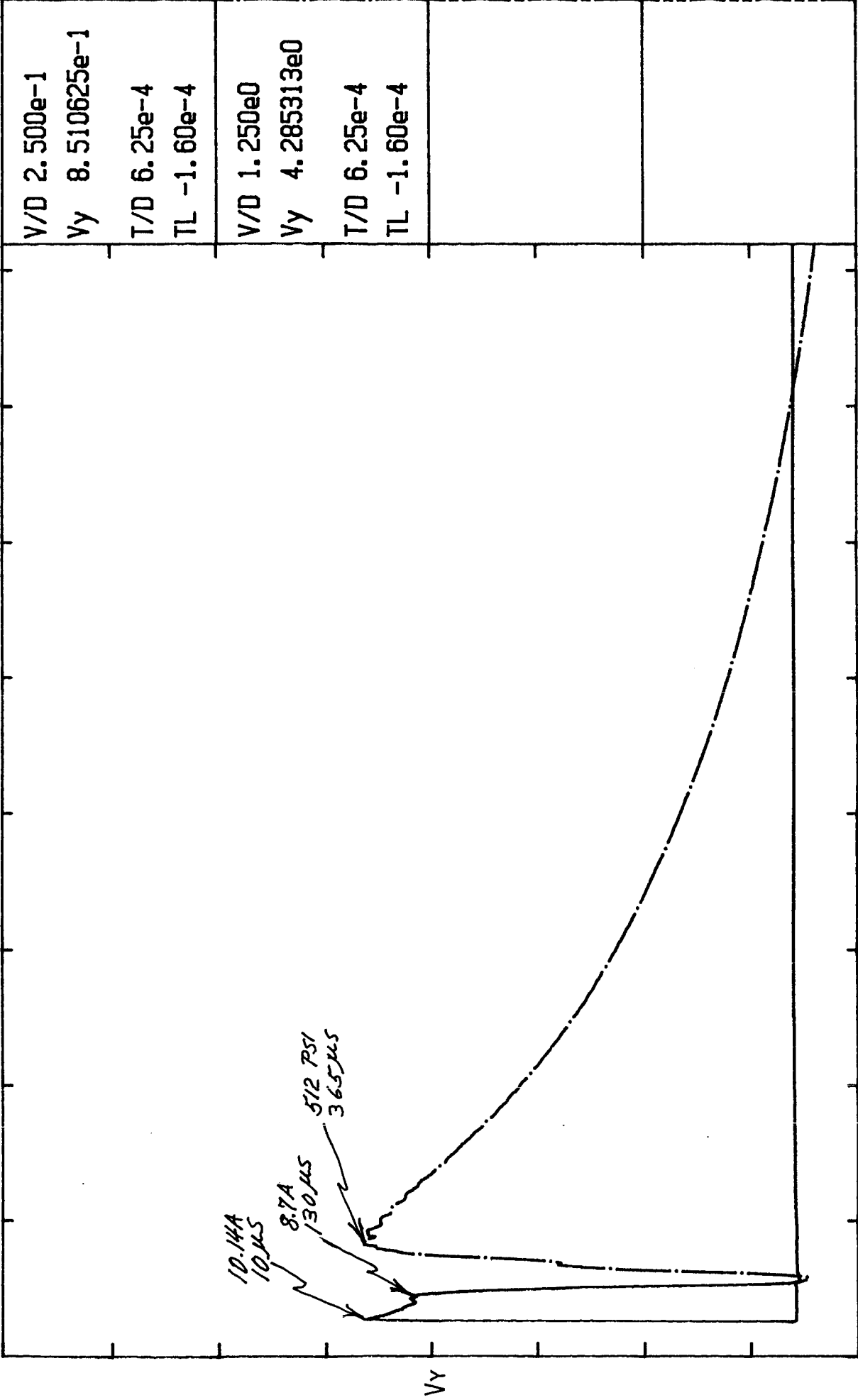
TL -1.60e-4

Vx

TL

REC 5  
DISC 7

CAP. DIS. 20V 300F C7



V/D 2.500e-1
Vy 8.510625e-1
T/D 6.25e-4
TL -1.60e-4
V/D 1.250e0
Vy 4.285313e0
T/D 6.25e-4
TL -1.60e-4

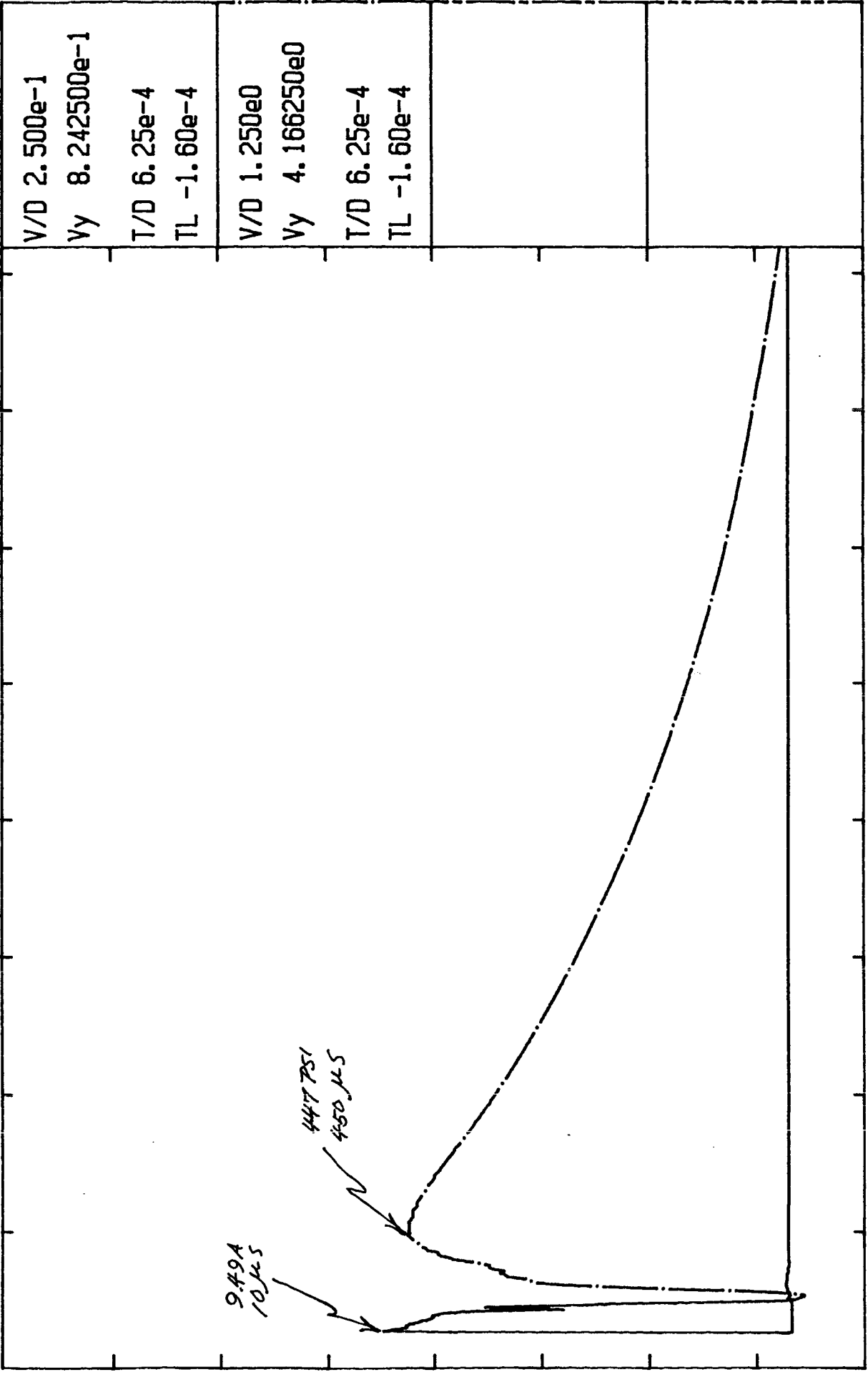
VY

TL

VX

REC  
DISC 7

CAP. DIS. 20V 300F C8



V/D 2.500e-1  
Vy 8.242500e-1  
T/D 6.25e-4  
TL -1.60e-4

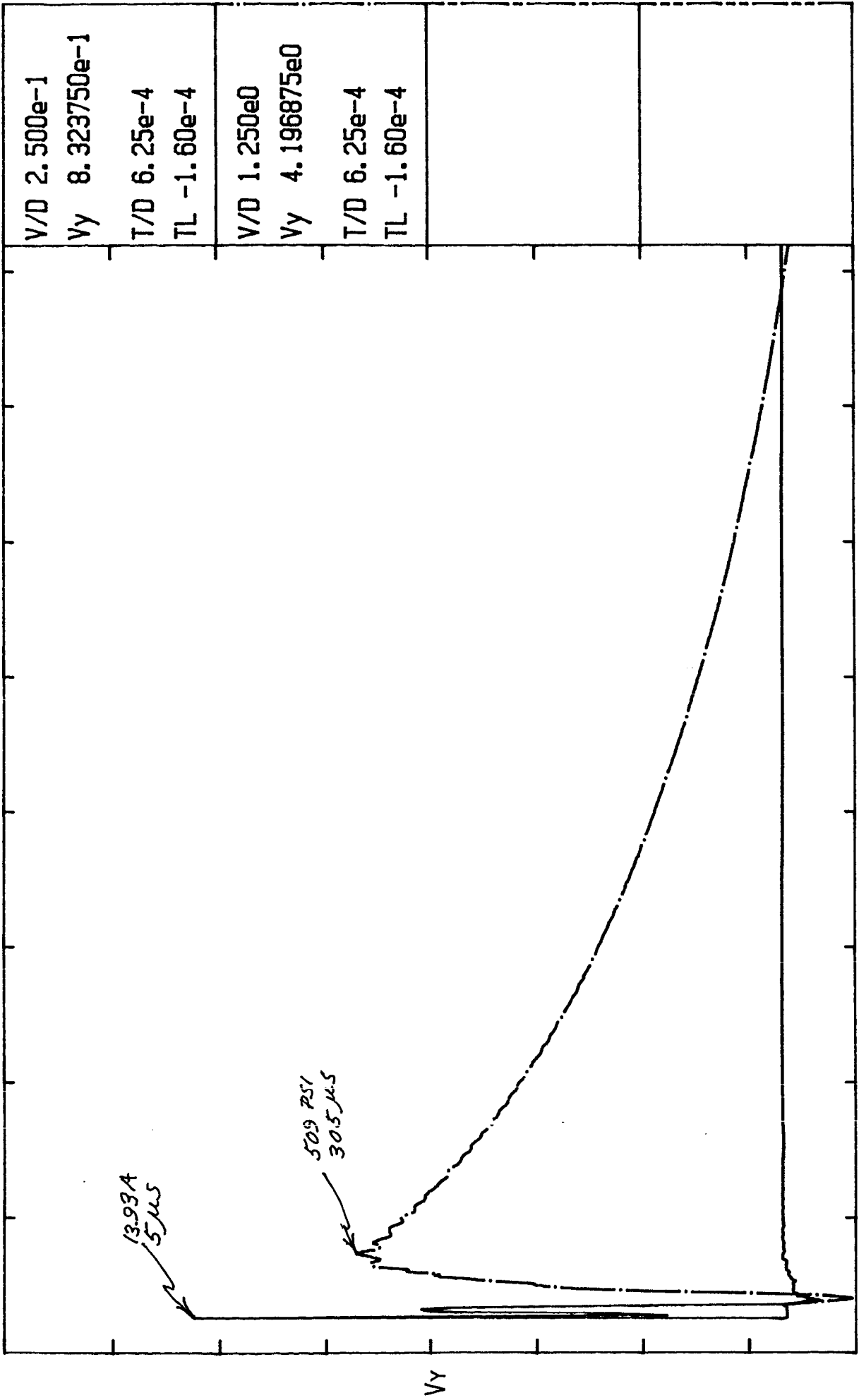
V/D 1.250e0  
Vy 4.166250e0  
T/D 6.25e-4  
TL -1.60e-4

Vx

TL

REC 9  
DISC 7

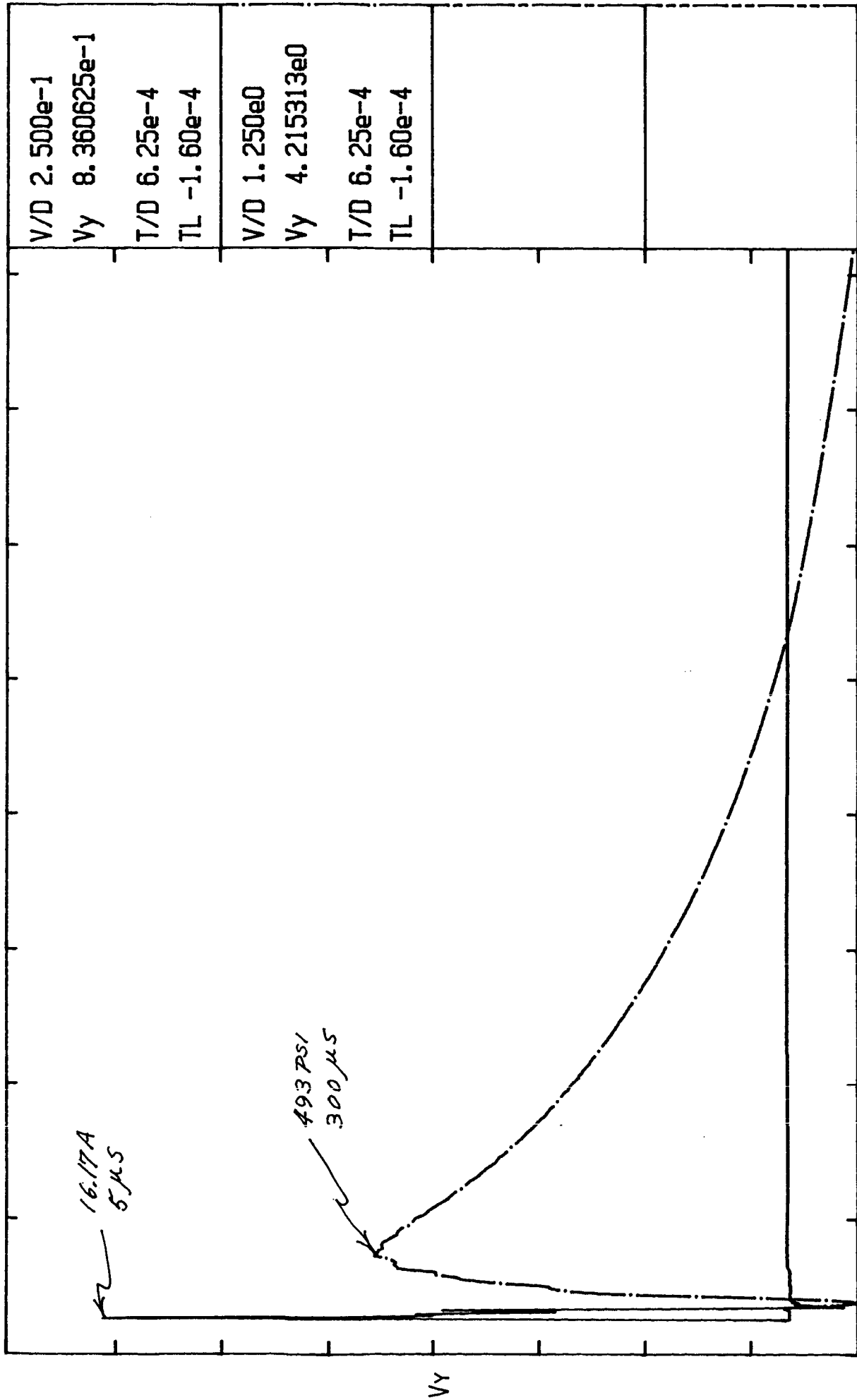
# CAP. DIS. 40V 300F C9



V/D 2.500e-1
Vy 8.323750e-1
T/D 6.25e-4
TL -1.60e-4
V/D 1.250e0
Vy 4.196875e0
T/D 6.25e-4
TL -1.60e-4

REC 10  
DISC 7

CAP. DIS. 40V 300F C10



V/D 2.500e-1

Vy 8.360625e-1

T/D 6.25e-4

TL -1.60e-4

V/D 1.250e0

Vy 4.215313e0

T/D 6.25e-4

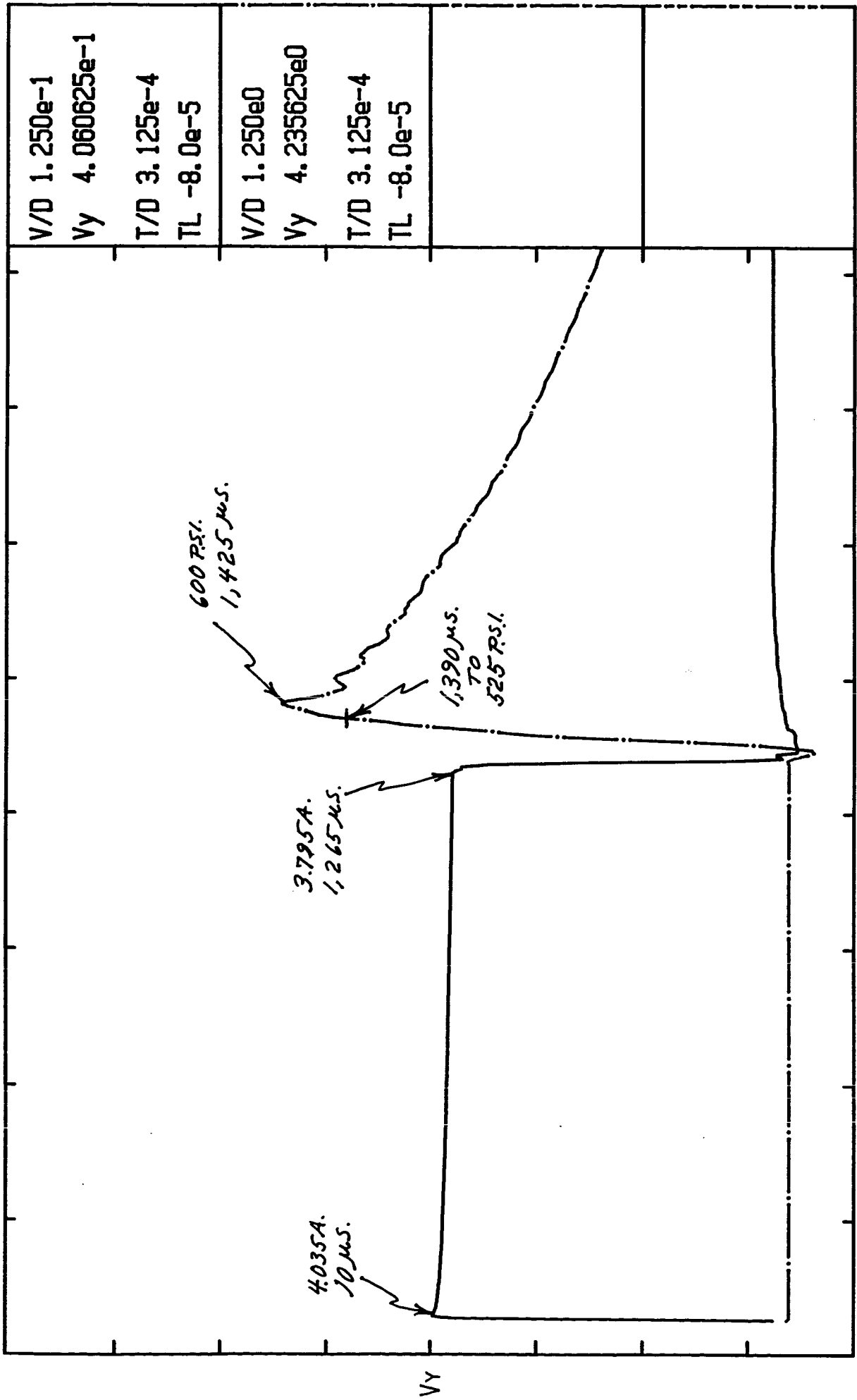
TL -1.60e-4

Vx

TL

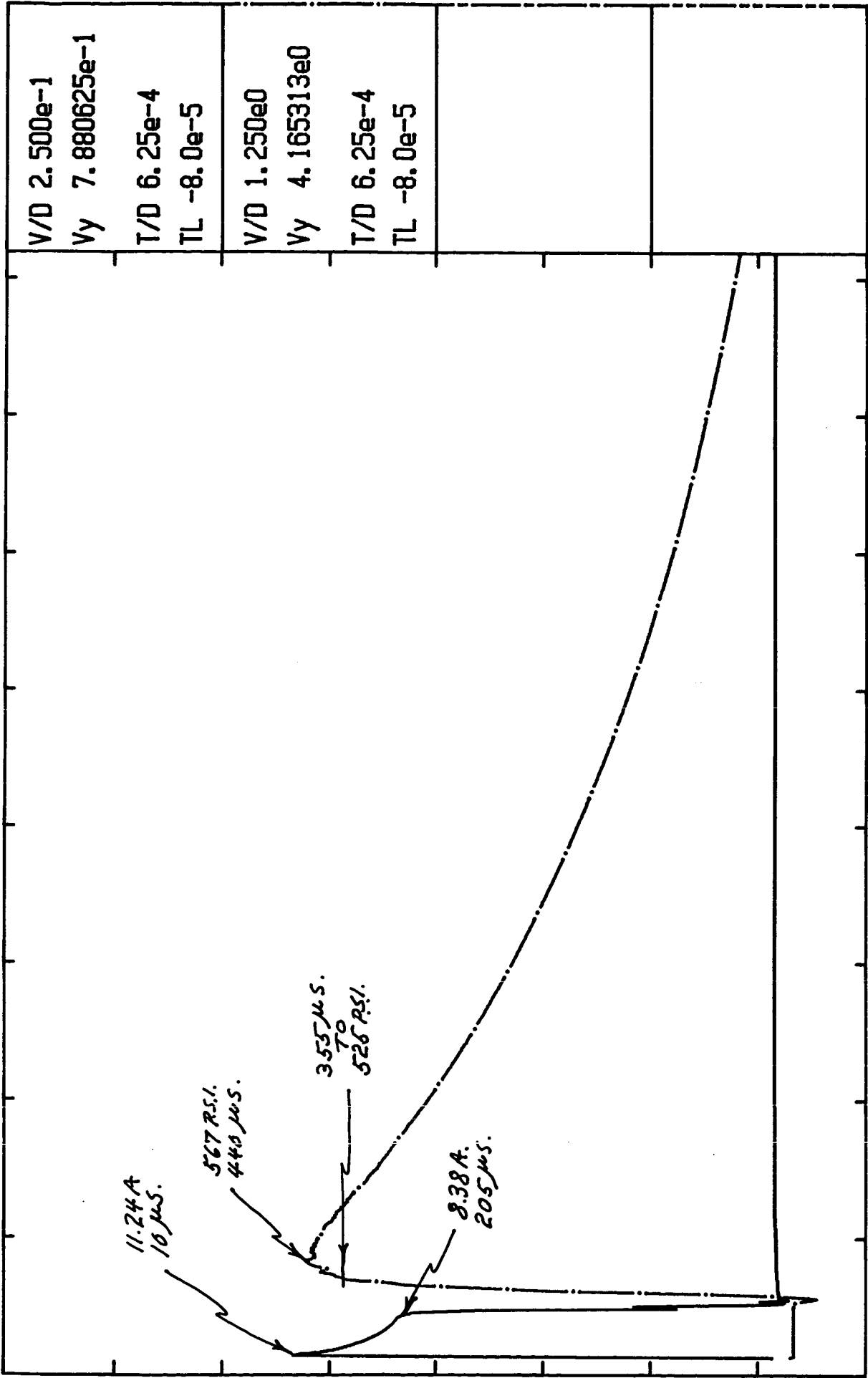
Vy

CON. CUR. 3.5A 70F E1





CAP. DIS. 20V 70F E2



V/D 2.500e-1  
Vy 7.880625e-1

T/D 6.25e-4  
TL -8.0e-5

V/D 1.250e0  
Vy 4.165313e0

T/D 6.25e-4  
TL -8.0e-5

VY

Vx

TL