

DOT 628

TEST 12

90°

SIDE IMPACT

27° Crabbed Citation into MIV with NHTSA-Padding

34 mph

The Test Results belong to the specified NHTSA Test Configuration for Side Impacts with the Crabbed Citation and HSRI-SID-Dummies.

NHTSA Project DTNH 22-81-C-17085

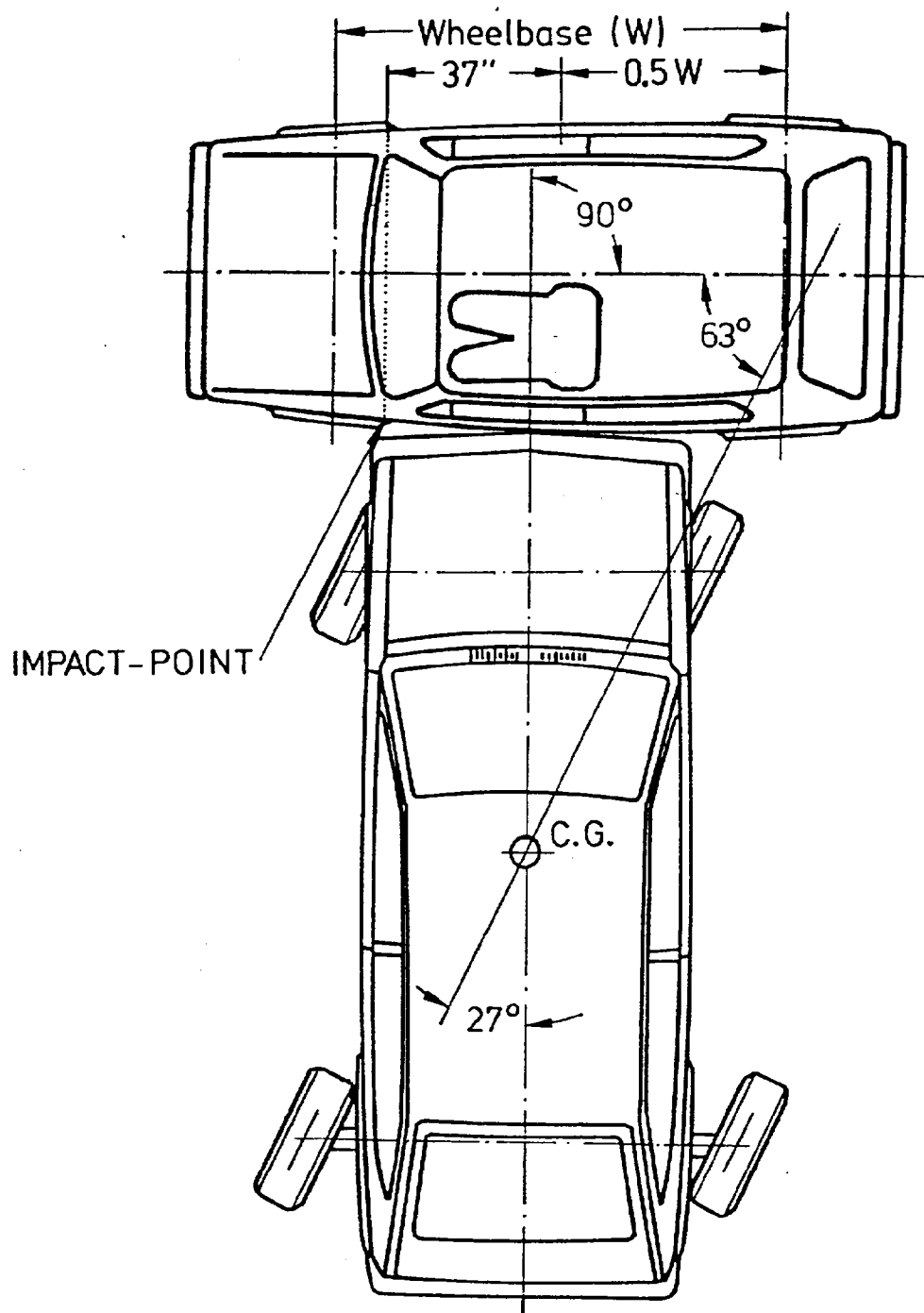


FIGURE : TEST CONFIGURATION

TEST NO.: 12

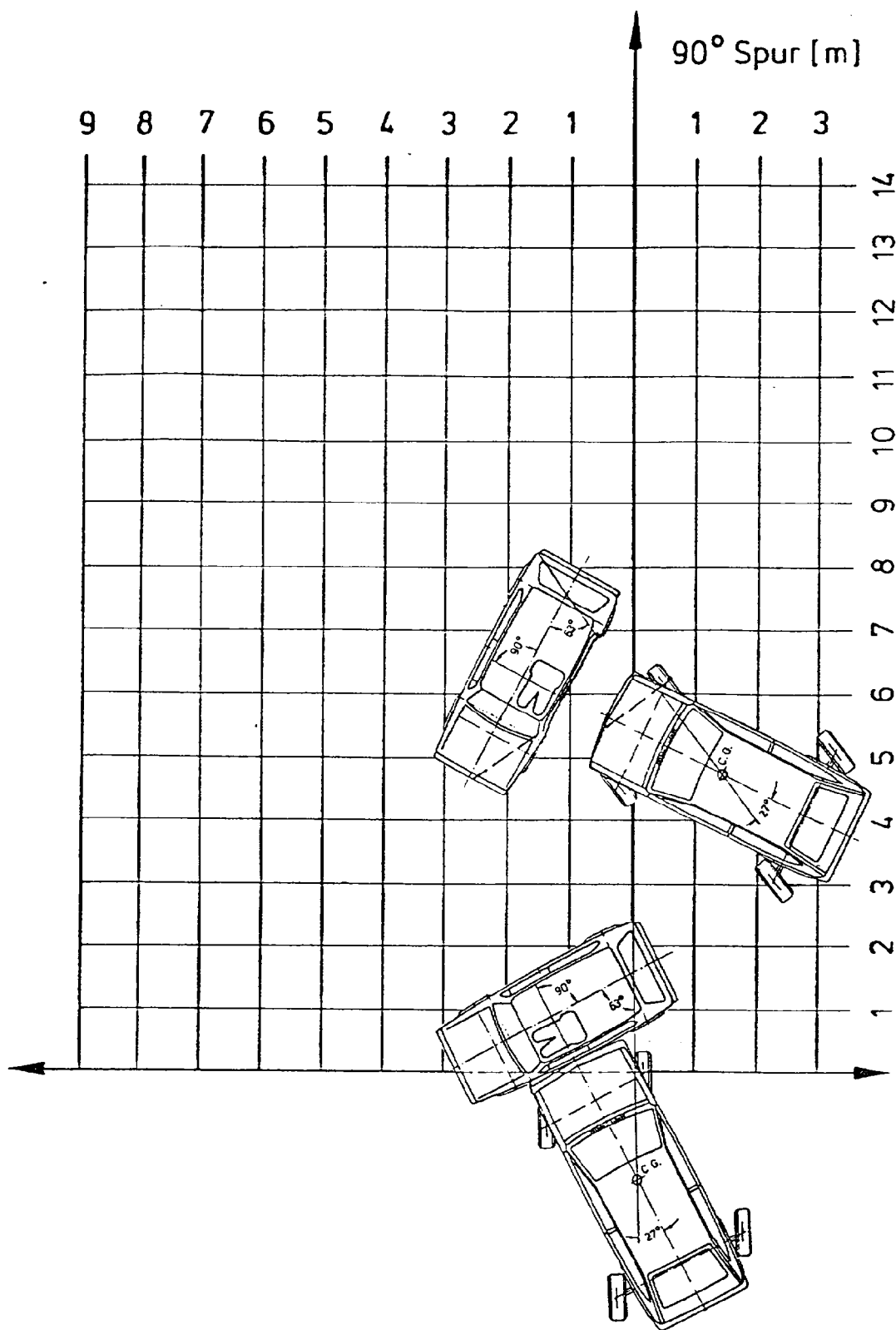


FIGURE : VEHICLE PRE- AND POST-TEST POSITION

TEST NO : 12

TEST TYPE : 90° Side Impact

VEHICLE A : MIV with NHTSA- Padding

VEHICLE B : 27° Crabbed Citation

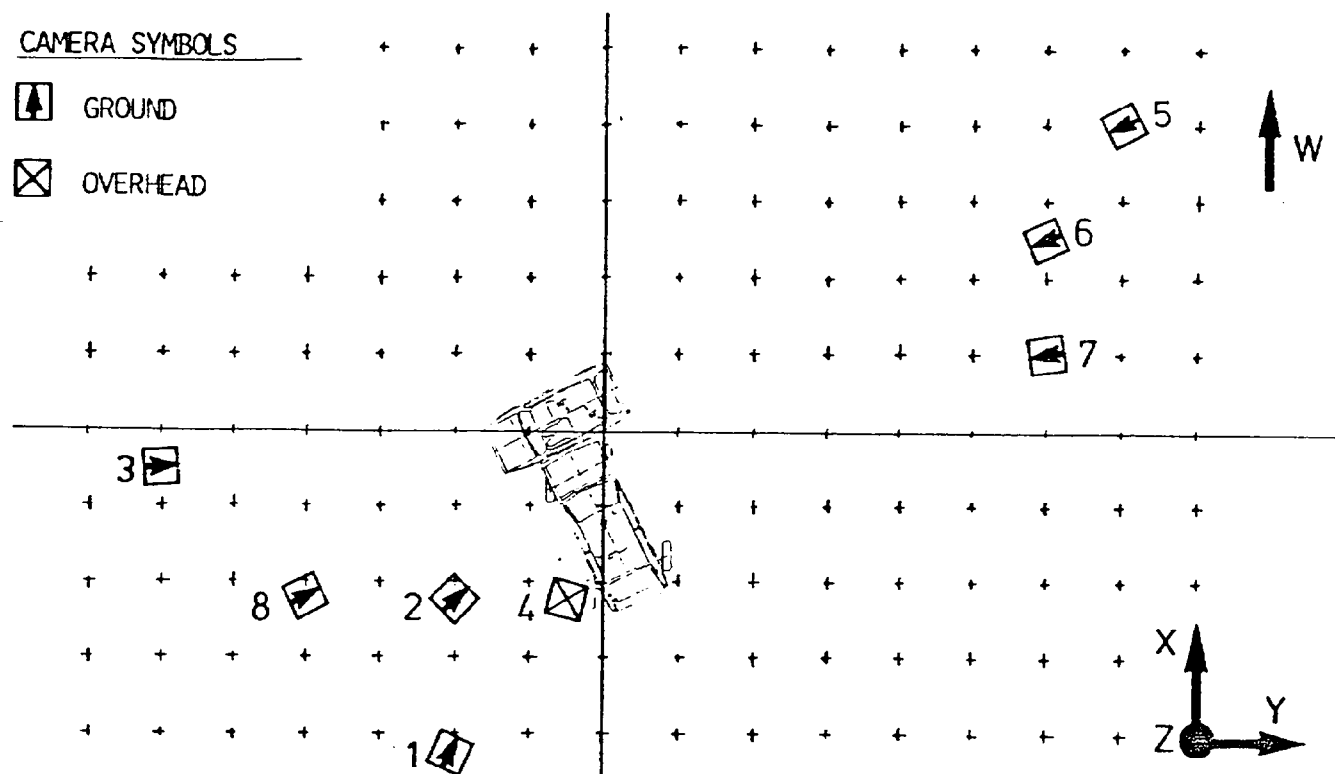
CAMERA SYMBOLS



GROUND



OVERHEAD



| CAM. NO. | LOCATION                                | TYPE     | LENS (MM) | TIMING SPEED | REAL FR. FRAME R. | IMPACT DIST-X | C. L. DIST-Y | GROUND DIST-Z |
|----------|-----------------------------------------|----------|-----------|--------------|-------------------|---------------|--------------|---------------|
| 1        | NORTH SIDE-PARALLEL TO BULLET VEHICLE   | Locam    | 16        | 10 ms        | 400               | -8.5          | -4.0         | 1.3           |
| 2        | NORTH SIDE-PARALLEL TO TARGET VEHICLE   | Locam    | 10        | 10 ms        | 350               | -4.5          | -4.0         | 1.2           |
| 3        | NORTH SIDE-PERPENDICULAR TO BULLET V.   | Locam    | 26        | 10 ms        | 350               | -1.0          | -12.0        | 1.3           |
| 4        | OVERHEAD                                | Locam    | 10        | 10 ms        | 340               | -4.5          | -1.0         | 8.0           |
| 5        | SOUTH SIDE-PARALLEL TO TARGETED VEHICLE | Locam    | 26        | 10 ms        | 343               | 8.0           | 14.0         | 1.3           |
| 6        | SOUTH SIDE-PERPENDICULAR TO TARGETED V. | Arri     | 17.5      | --           | 25                | 5.0           | 12.0         | 1.6           |
| 7        | SOUTH SIDE                              | Locam    | 26        | 10 ms        | 266               | 2.0           | 12.0         | 1.3           |
| 8        | NORTH SIDE                              | 35 MM-C. | 50        | --           | 60                | -4.5          | -8.0         | 1.4           |

FIGURE : CAMERA LOCATION - GROUND BASED

TEST NO. : 12

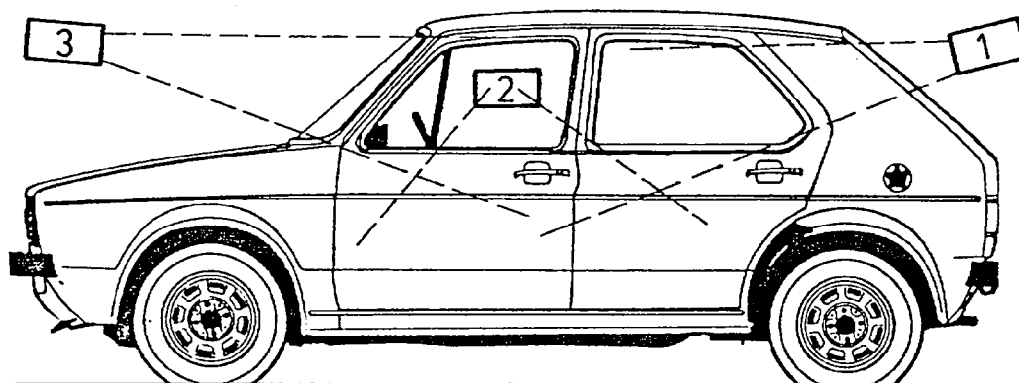
TEST TYPE : 90° Side Impact

VEHICLE A : M1V with NHTSA - Padding

VEHICLE B : 27° Crabbed Citation

CAMERA SYMBOLS

☐ ON BOARD



| CAM. NO. | LOCATION                     | TYPE         | FIELD OF VIEW                       | LENZ (MM) | FRAME RATE/F/s | TIMING SPEED |
|----------|------------------------------|--------------|-------------------------------------|-----------|----------------|--------------|
| 1        | VEHICLE REAR HATCH-BACK DOOR | STALEX       | FRONT AND REAR OCCUPANT COMPARTMENT | 8         | 833            | 1ms          |
| 2        | VEHICLE RIGHT FRONT DOOR     | PHOTO-SONICS | FRONT OCCUPANT COMPARTMENT          | 8         | 1090           | 1ms          |
| 3        | VEHICLE FRONT RIGHT SIDE     | STALEX       | FRONT AND REAR OCCUPANT COMPARTMENT | 8         | 980            | 1ms          |

FIGURE : CAMERA LOCATIONS - ON BOARD

## VEHICLE DATA

## TEST VEHICLE

OVERALL LENGTH / OVERALL WIDTH (MM)

TOTAL WEIGHT (KP)

TEST WEIGHT BY WHEEL (KP) FRONT:  
REAR :

WHEELBASE (MM)

LONGITUDINAL C.G. (FROM CENTER OF  
FRONT AXLE) (MM)IMPACT ANGLE (WITH RESPECT TO  
BULLET VEHICLE) (DEG.)

IMPACT SPEED (MPH)

MAXIMUM C.G. RESULTANT ACCELERATION

MAXIMUM DOOR ACCELERATION

(AT MID-REAR EDGE OF LEFT FRONT DOOR)

MAXIMUM EXTERIOR STATIC CRUSH (MM)

LEVEL 4: 812 mm (32.0")

LEVEL 3: 660 mm (26.0")

LEVEL 2: 508 mm (20.0")

LEVEL 1: 305 mm (12.0")

MAXIMUM POST-TEST INTRUSION (MM)

## OCCUPANTS

TYPE

LOCATION

RESTRAINTS

INSTRUMENTATION

NUMBER OF DATA CHANNELS

NUMBER OF CAMERAS (ON BOARD)

TEST NO.: 12

MIV WITH NHTSA - PADDING

3930 / 54.7 1610 63.4

1177 2589

LEFT: 318 RIGHT: 349

LEFT: 243 RIGHT: 267

2400 94.5

1040 40.9

90

0 (stationary)

G MAX

35.8

MSEC. AFTER IMPACT

25.0

G MAX

190.6

MSEC. AFTER IMPACT

10.0

329

365

380

265

319

SID

SID

Driver

Left Rear Passeng.

Restraint Auton.

Pelvis Belt

68

3

TABLE : CRASH TEST SUMMARY FOR TARGET  
VEHICLE

## VEHICLE DATA

## TEST VEHICLE

OVERALL LENGTH (MM)  
OVERALL WIDTH (MM)  
TOTAL WEIGHT (KP)  
TEST WEIGHT BY WHEEL (KP)

FRONT:

REAR :

WHEELBASE (MM)  
LONGITUDINAL C.G. (FROM CENTER OF  
FRONT AXLE) (MM)  
IMPACT ANGLE (DEG.)  
IMPACT SPEED (MPH)

MAXIMUM C.G. RESULTANT ACCELERATION

MAXIMUM STATIC CRUSH (MM)

LEVEL 1: 16.5" (420 mm)  
LEVEL 2: 19.9" (480 mm)  
LEVEL 3: 21.7" (550 mm)  
LEVEL 4: 29.5" (750 mm)

## OCCUPANTS

TYPE

LOCATION

RESTRAINTS

## INSTRUMENTATION

NUMBER OF DATA CHANNELS

NUMBER OF CAMERAS (GROUND BASED)

TEST NO.: 12

27° Crabbed Citation

4495 170.0  
1735 68.3  
1569 3452

LEFT: 386 RIGHT: 405  
LEFT: 400 RIGHT: 378  
2664 104.9

1321 52.0  
90  
33.8

| G MAX | MSEC. AFTER IMPACT |
|-------|--------------------|
| 11.8  | 33.0               |

120  
116  
117  
121

-  
-  
-

16  
8

TABLE : CRASH TEST SUMMARY FOR BULLET  
VEHICLE



TEST NO.: 12

TEST CONFIGURATION:

TARGET VEHICLE MIV w/HL NHTSA-PADDING SPEED 0 (mph)  
 BULLET VEHICLE 27° Crabbed Citation SPEED 33.8 (mph)  
 IMPACT LOCATION BEHIND FRONT AXLE 260 (mm) ANGLE 90 (deg)

PASSENGER: DRIVER

HEAD RESPONSE:

| LOCATION       | $g_{max}$ | $\geq 3ms$ (g) | HIC | TIME T1 (ms) | TIME T2 (ms) |  |
|----------------|-----------|----------------|-----|--------------|--------------|--|
| HEAD $a_y$     | 118.4     | 74.3           | —   | —            | —            |  |
| HEAD $a_{res}$ | 126.6     | 77.8           | 495 | 43.65        | 58.44        |  |

IMPACTED OBJECT: LEFT FRONT SIDE WINDOW

CHEST RESPONSE:

| LOCATION          | $g_{max}$ | $\geq 3ms$ (g) | SI  | $\Delta v_y$ (mph) | IMP.TIME (ms) | TIME a-max (ms) |
|-------------------|-----------|----------------|-----|--------------------|---------------|-----------------|
| UPPER STERNUM (X) | 50.3      | 31.6           | —   | —                  | 20            | 67.0            |
| LOWER STERNUM (X) | 58.0      | 35.2           | —   | —                  | 17            | 60.0            |
| LUR (Y)           | 48.9      | 44.3           | 200 | 24.8               | 15            | 23.0            |
| LLR (Y)           | 61.0      | 56.8           | 265 | 24.2               | 15            | 31.0            |
| RUR (Y)           | 54.4      | 50.4           | 274 | 23.5               | 27            | 43.0            |
| RLR (Y)           | 67.8      | 63.5           | 451 | 23.8               | 20            | 32.5            |

CHEST DEFLECTION: DAMPER - DY 27 (mm)

VERTEBRAL COLUMN RESPONSE:

| LOCATION        | $g_{max}$ | $\geq 3ms$ (g) | SI  | $\Delta v_y$ (mph) | IMP.TIME (ms) | TIME a-max (ms) |
|-----------------|-----------|----------------|-----|--------------------|---------------|-----------------|
| UPPER (T1) (Y)  | 60.1      | 57.4           | —   | 27.8               | 23            | 43.5            |
| THORAX (RES)    | 60.6      | 58.2           | 459 | —                  | 23            | 43.5            |
| LOWER (T12) (Y) | 66.7      | 59.5           | —   | 26.5               | 16            | 26.0            |
| THORAX (RES)    | 94.1      | 60.9           | 494 | —                  | 16            | 34.5            |

PELVIS RESPONSE:

| LOCATION       | $g_{max}$ | $\geq 3ms$ (g) | SI  | $\Delta v_y$ (mph) | IMP.TIME (ms) | TIME a-max (ms) |
|----------------|-----------|----------------|-----|--------------------|---------------|-----------------|
| PEAK $a_y$     | 82.6      | 77.3           | —   | 26.7               | 12            | 28.0            |
| PEAK $a_{res}$ | 82.9      | 78.2           | 666 | —                  | 12            | 28.0            |

TABLE : SIDE IMPACT DUMMY TEST RESPONSE SUMMARY

TEST NO.: 12TEST CONFIGURATION:

TARGET VEHICLE MIV with NHTSA-PADDING SPEED 0 (mph)  
 BULLET VEHICLE 27° Crabbed Citation SPEED 33.8 (mph)  
 IMPACT LOCATION BEHIND FRONT AXLE 260 (mm) ANGLE 90 (deg)

PASSENGER: REAR LEFTHEAD RESPONSE:

| LOCATION              | $g_{\max}$ | $\geq 3\text{ms}$ (g) | HIC | TIME T1 (ms) | TIME T2 (ms) |  |
|-----------------------|------------|-----------------------|-----|--------------|--------------|--|
| HEAD $a_y$            | 144.5      | 98.9                  | —   | —            | —            |  |
| HEAD $a_{\text{res}}$ | 147.8      | 103.6                 | 823 | 61.65        | 70.77        |  |

IMPACTED OBJECT: C-Pillar and Roof-LineCHEST RESPONSE:

| LOCATION          | $g_{\max}$ | $\geq 3\text{ms}$ (g) | SI  | $\Delta v_y$ (mph) | IMP.TIME (ms) | TIME a-max (ms) |
|-------------------|------------|-----------------------|-----|--------------------|---------------|-----------------|
| UPPER STERNUM (X) | 43.3       | 36.6                  | —   | —                  | 45            | 69.5            |
| LOWER STERNUM (X) | 106.9      | 44.5                  | —   | —                  | 43            | 65.5            |
| LUR (Y)           | 42.6       | 38.6                  | 149 | 19.5               | 30            | 51.0            |
| LLR (Y)           | 74.5       | 56.8                  | 363 | 21.2               | 32            | 67.0            |
| RUR (Y)           | 55.9       | 47.1                  | 178 | 23.5               | 28            | 70.0            |
| RLR (Y)           | 64.8       | 47.4                  | 225 | 22.4               | 30            | 52.5            |

CHEST DEFLECTION: DAMPER - DY 44 (mm)VERTEBRAL COLUMN RESPONSE:

| LOCATION        | $g_{\max}$ | $\geq 3\text{ms}$ (g) | SI  | $\Delta v_y$ (mph) | IMP.TIME (ms) | TIME a-max (ms) |
|-----------------|------------|-----------------------|-----|--------------------|---------------|-----------------|
| UPPER (T1) (Y)  | 36.8       | 28.7                  | —   | 19.8               | 40            | 53.0            |
| THORAX (RES)    | 65.2       | 40.1                  | 222 | —                  | 40            | 70.0            |
| LOWER (T12) (Y) | 45.6       | 40.6                  | —   | 21.9               | 23            | 47.0            |
| THORAX (RES)    | 52.4       | 43.5                  | 254 | —                  | 20            | 47.0            |

PELVIS RESPONSE:

| LOCATION              | $g_{\max}$ | $\geq 3\text{ms}$ (g) | SI  | $\Delta v_y$ (mph) | IMP.TIME (ms) | TIME a-max (ms) |
|-----------------------|------------|-----------------------|-----|--------------------|---------------|-----------------|
| PEAK $a_y$            | 130.7      | 65.1                  | —   | 23.1               | 23            | 45.0            |
| PEAK $a_{\text{res}}$ | 132.1      | 70.7                  | 615 | —                  | 23            | 45.0            |

TABLE : SIDE IMPACT DUMMY TEST RESPONSE  
SUMMARY

TEST NO.:

12DRIVER

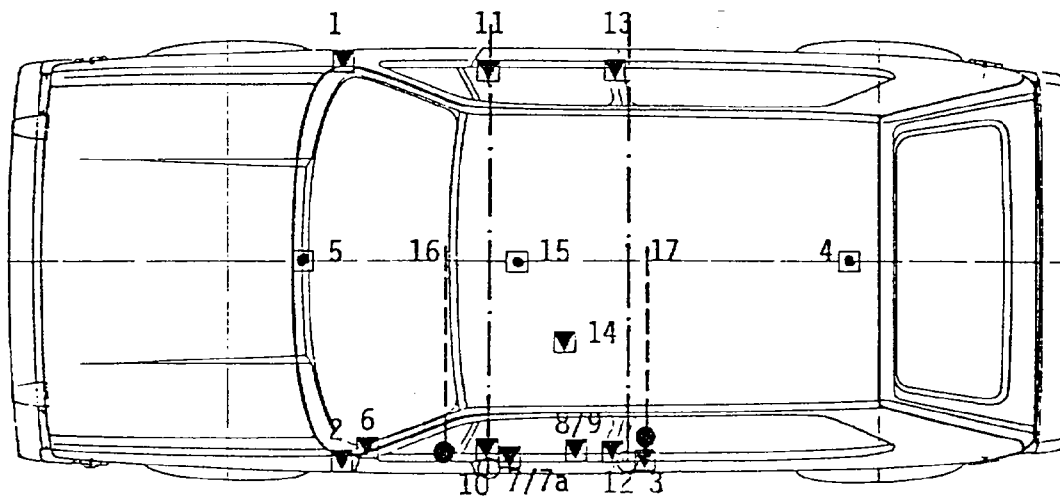
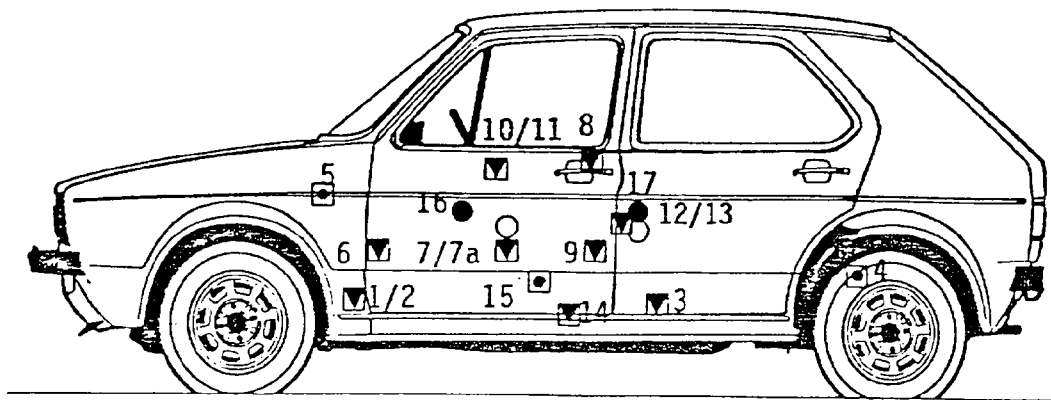
| LOCATION OF<br>ACCELEROMETER | AIS B-<br>PARAMETER | AIS<br>AV. POWER | PAP<br>TB / TE<br>(ms) | B      | Q      | V <sub>1050</sub> | V <sub>1090</sub> | RVS    |
|------------------------------|---------------------|------------------|------------------------|--------|--------|-------------------|-------------------|--------|
| LEFT UPPER RIB<br>LUR        | 3.25                | 3.29             | 1538<br>44/66          | 6.6654 | 1166.3 | 10.62             | 36.88             | 3.4706 |
| LEFT LOWER RIB<br>LLR        | 3.39                | 3.64             | 2011<br>45/68          | 6.7593 | 1096.1 | 10.00             | 20.00             | 2.0000 |
| UPPER THORAX<br>T 1 Y        | 3.83                | 4.05             | 2872<br>58/74          | 7.0536 | 1237.4 | 10.00             | 17.50             | 1.7500 |
| LOWER THORAX<br>T 12 Y       | 3.66                | 4.12             | 2906<br>48/68          | 6.9412 | 1289.4 | 9.38              | 18.13             | 1.9333 |

TABLE : AIS AND COEFFICIENTS

TEST NO.: 12 OCCUPANT : LEFT REAR

| LOCATION OF<br>ACCELEROMETER | AIS B-<br>PARAMETER | AIS<br>AV. POWER | PAP<br>TB / TE<br>(ms) | B      | Q       | V <sub>1050</sub> | V <sub>1090</sub> | RVS    |
|------------------------------|---------------------|------------------|------------------------|--------|---------|-------------------|-------------------|--------|
| LEFT UPPER RIB<br>LUR        | 2.67                | 3.11             | 894<br>69 / 109        | 6.2719 | 921.17  | 18.75             | 33.75             | 1.8000 |
| LEFT LOWER RIB<br>LLR        | 2.90                | 3.28             | 1199<br>71 / 104       | 6.4311 | 986.00  | 11.87             | 26.88             | 2.2632 |
| UPPER THORAX<br>T 1 Y        | 2.82                | 3.22             | 1088<br>74 / 121       | 6.3743 | 1139.90 | 20.00             | 40.00             | 2.0000 |
| LOWER THORAX<br>T 12 Y       | 2.90                | 3.28             | 1256<br>73 / 101       | 6.4278 | 1240.20 | 18.13             | 41.87             | 2.3103 |

TABLE : AIS AND COEFFICIENTS



-  Axial Accelerometer (Y - Direction)
-  Biaxial Accelerometer (X, Y - Direction)
-  Triaxial Accelerometer (X, Y, Z -Direction)
-  Displacement Tube
-  Displacement Transducer

Note: See Table for Additional Information

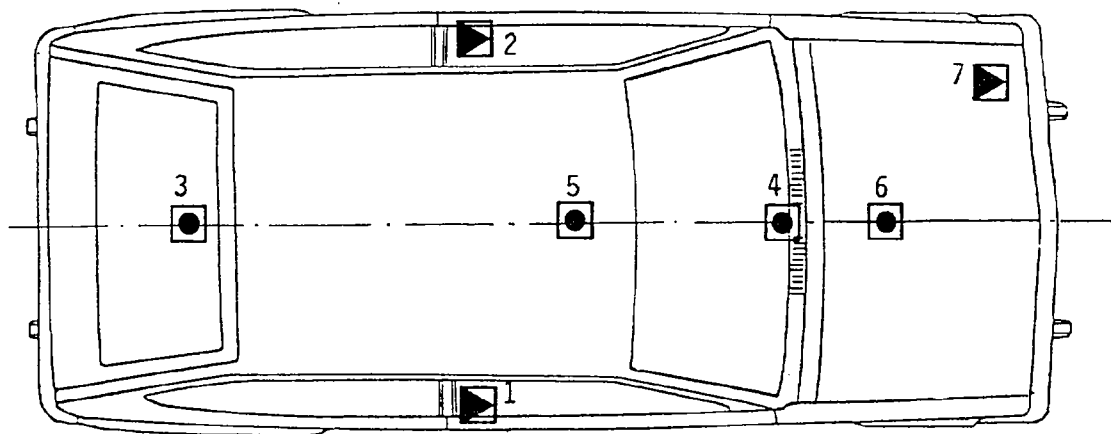
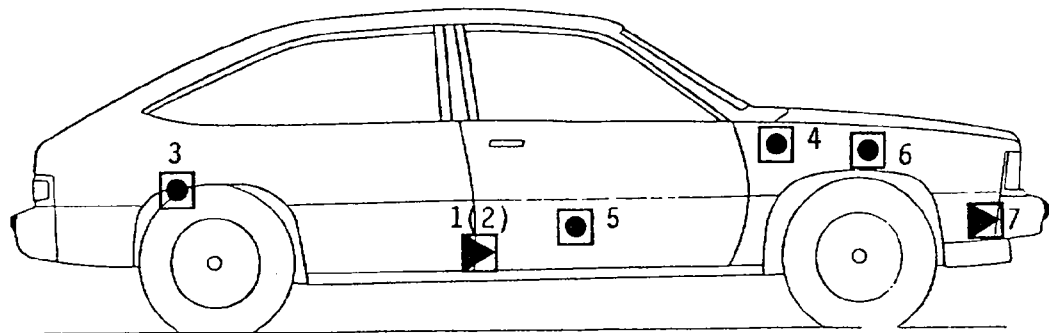
FIGURE : TARGET VEHICLE INSTRUMENTATION

TEST NO.: 12

| No. | Accelerometer - Location                                   | Coordinates (mm) |      |     | Results (g <sub>max</sub> ) |       |      |
|-----|------------------------------------------------------------|------------------|------|-----|-----------------------------|-------|------|
|     |                                                            | X *              | Y *  | Z * | X                           | Y     | Z    |
| 1   | Occupant Compartment, right Front-Doorsill                 | 2630             | 620  | 300 |                             | 25.8  |      |
| 2   | Occupant Compartment, left Front-Doorsill                  | 2630             | -620 | 300 |                             | 123.9 |      |
| 3   | Occupant Compartment, left Rear-Doorsill                   | 1410             | -560 | 290 |                             | 68.0  |      |
| 4   | Rear Deck over Vehicle Centerline                          | 910              | 0    | 440 | 9.3                         | 19.9  | 10.6 |
| 5   | Front Firewall over Vehicle Centerline                     | 2890             | 0    | 650 | 23.2                        | 16.2  | 10.3 |
| 6   | Mid-front Edge of Left Front Door                          | 2550             | -620 |     |                             | 95.5  |      |
| 7   | Middle of left Front Door                                  | 2060             | -620 | 630 |                             | 158.6 |      |
| 7a  | Middle of Front Door Beam                                  | 2060             | -700 |     |                             | 74.3  |      |
| 8   | Shoulder Contact Front Door                                | 1775             | -665 | 850 |                             | 91.3  |      |
| 9   | Pelvis Contact Front Door                                  | 1840             | -660 | 480 |                             | 190.6 |      |
| 10  | Left Front Door-Middle of Windowsill                       | 2050             | -650 | 850 |                             | 79.4  |      |
| 11  | Right Front Door on Windowsill directly across from Nr. 10 | 2050             | 650  | 850 |                             | 177.0 |      |
| 12  | Left B-Pillar near Door Lock                               | 1480             | -650 | 670 |                             | 174.0 |      |
| 13  | Right B-Pillar across from Nr.12                           | 1480             | 650  | 670 |                             | 22.7  |      |
| 14  | Underneath Left Front Seat attached to Seat                | 1960             | 325  | 285 |                             | 94.3  |      |
| 15  | Vehicle Center of Gravity                                  |                  |      |     | 11.4                        | 35.7  | 11.5 |
| 16  | Displacement Transducer Front Door                         | 2235             | --   | 670 |                             | def.  |      |
| 17  | Displacement Transducer B-Pillar                           | 1415             | --   | 850 |                             | def.  |      |

\* Reference Points: X - Rear Bumper  
Y - Vehicle Centerline  
Z - Ground Level

TABLE : SUMMARY OF TARGET VEHICLE  
INSTRUMENTATION



AXIAL ACCELEROMETER ( X - DIRECTION )



TRIAXIAL ACCELEROMETER ( X, Y, Z - DIRECTION )

FIGURE : CITATION ACCELEROMETER  
LOCATION

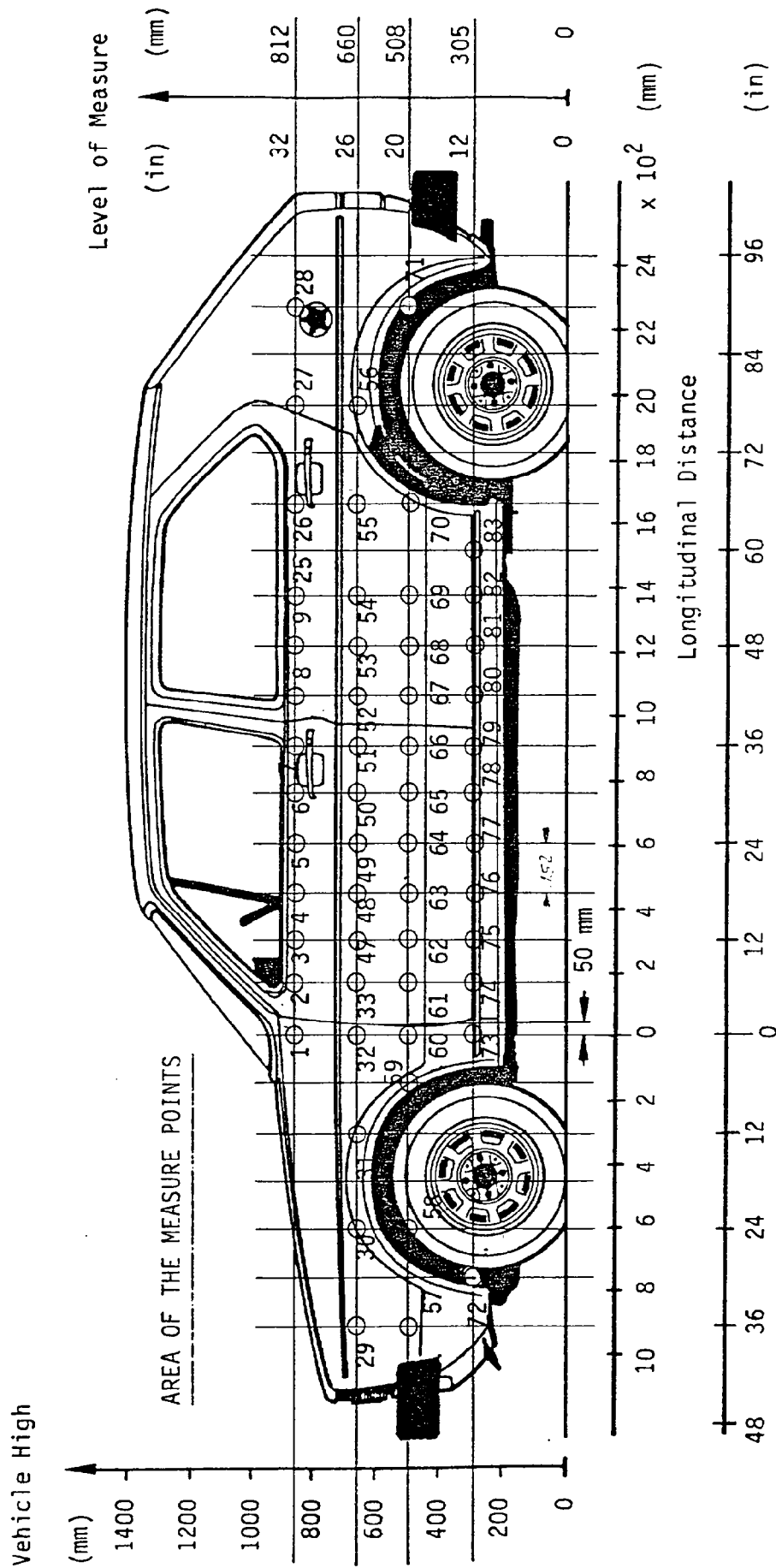
TEST NO.: 12

| No. | Accelerometer                                           | Coordinates (mm) |      |     | Results (g <sub>max</sub> ) |      |     |
|-----|---------------------------------------------------------|------------------|------|-----|-----------------------------|------|-----|
|     | Location                                                | X *              | Y *  | Z * | X                           | Y    | Z   |
| 1   | Right Occupant Compartment<br>near B-Pillar on Doorsill | 1995             | 620  | 300 | 10.5                        |      |     |
| 2   | Left Occupant Compartment<br>near B-Pillar on Doorsill  | 1995             | -620 | 300 | 12.6                        |      |     |
| 3   | Rear Deck over Vehicle<br>Centerline                    | 990              | 0    | 460 | 12.5                        | 3.7  | 5.9 |
| 4   | Front Firewall over<br>Vehicle Centerline               | 3410             | 0    | 820 | 20.3                        | 4.5  | 7.6 |
| 5   | Vehicle Center of Gravity                               |                  |      |     | 11.4                        | 5.6  | 7.0 |
| 6   | Top of Engine Block                                     | 3790             | 0    | 800 | 21.6                        | 11.3 | 7.1 |
| 7   | Left front Frame Rail<br>near Impact Point              | 4100             | -580 | 430 | 32.1                        |      |     |

\* Reference Points: X - Rear Bumper  
Y - Vehicle Centerline  
Z - Ground Level

TABLE : SUMMARY OF BULLET VEHICLE  
INSTRUMENTATION





TEST NO : 12

VEHICLE NO : 705 119

FIGURE : VEHICLE MEASUREMENT SIDE (EXTERIOR)

TEST NO.: 12

| LOCATION                          | WINDOW - SILL<br>LEVEL | BULLET VEHICLE<br>HOOD LEVEL | MID - DOOR<br>LEVEL | ROCKER-SILL<br>LEVEL |
|-----------------------------------|------------------------|------------------------------|---------------------|----------------------|
| HEIGHT ABOVE GROUND<br>LEVEL (mm) | 812                    | 660                          | 508                 | 305                  |
| 914 (762)                         | ●                      | + 51                         | + 51                | (762) + 40           |
| 610                               | ●                      | + 23                         | + 31                | ●                    |
| 457                               | ●                      | ●                            | ●                   | ●                    |
| 305                               | ●                      | 38                           | ●                   | ●                    |
| 152                               | ●                      | ●                            | 112                 | ●                    |
| 0                                 | 114                    | 126                          | 178                 | 43                   |
| 152                               | 138                    | 175                          | 240                 | 152                  |
| 305                               | 181                    | 226                          | 270                 | 168                  |
| 457                               | 221                    | 274                          | 305                 | 187                  |
| 610                               | 261                    | 326                          | 335                 | 205                  |
| 762                               | 297                    | 344                          | 352                 | 224                  |
| 914                               | 312                    | 325                          | 363                 | 248                  |
| 1067                              | 309                    | 326                          | 377                 | 265                  |
| 1220                              | 323                    | 344                          | 380                 | 151                  |
| 1372                              | 329                    | 365                          | 378                 | 79                   |
| 1524                              | ●                      | ●                            | ●                   | ●                    |
| 1676                              | 170                    | 233                          | 16                  | 26                   |
| 1829                              | ●                      | ●                            | ●                   | ●                    |
| 1981                              | 15                     | 7                            | ●                   | ●                    |
| 2286                              | + 12                   | ●                            | + 15                | ●                    |

TABLE : EXTERIOR STATIC CRUSH FOR  
TARGET VEHICLE



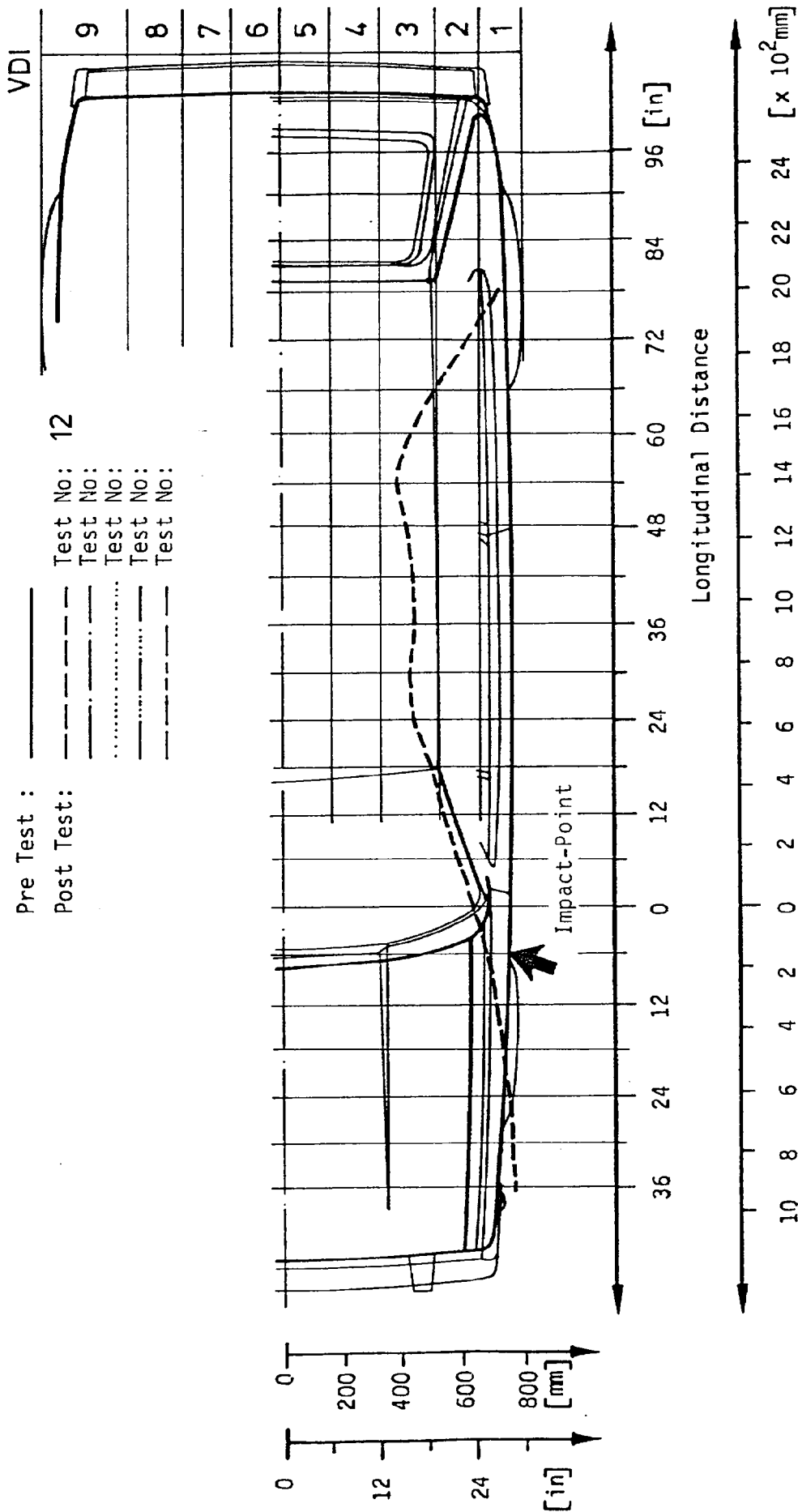


TABLE : PRE- AND POST-TEST EXTERIOR PROFILES AT 660 MM ABOVE GROUND LEVEL

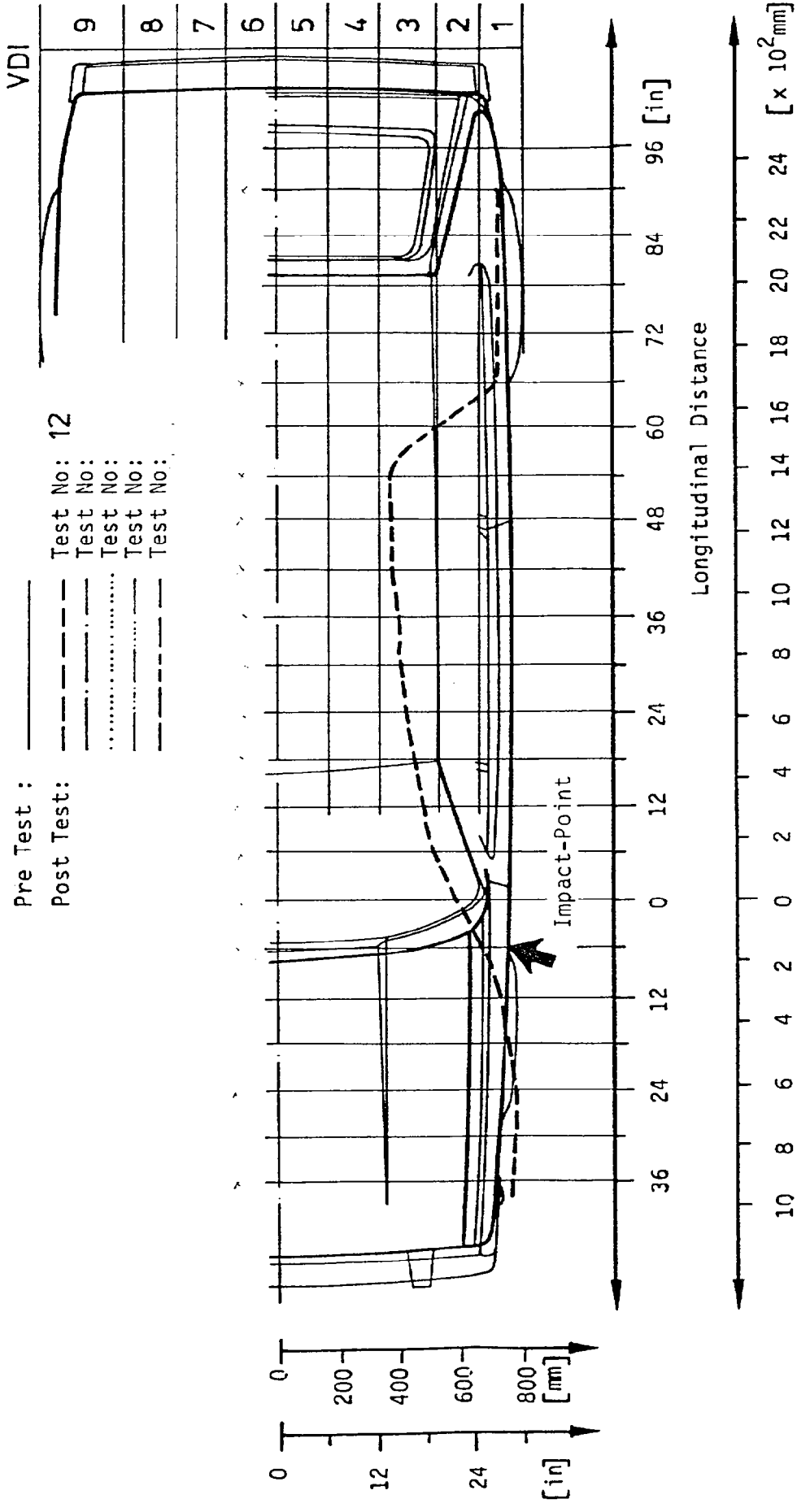


TABLE : PRE- AND POST-TEST EXTERIOR PROFILES AT 508 MM ABOVE GROUND LEVEL

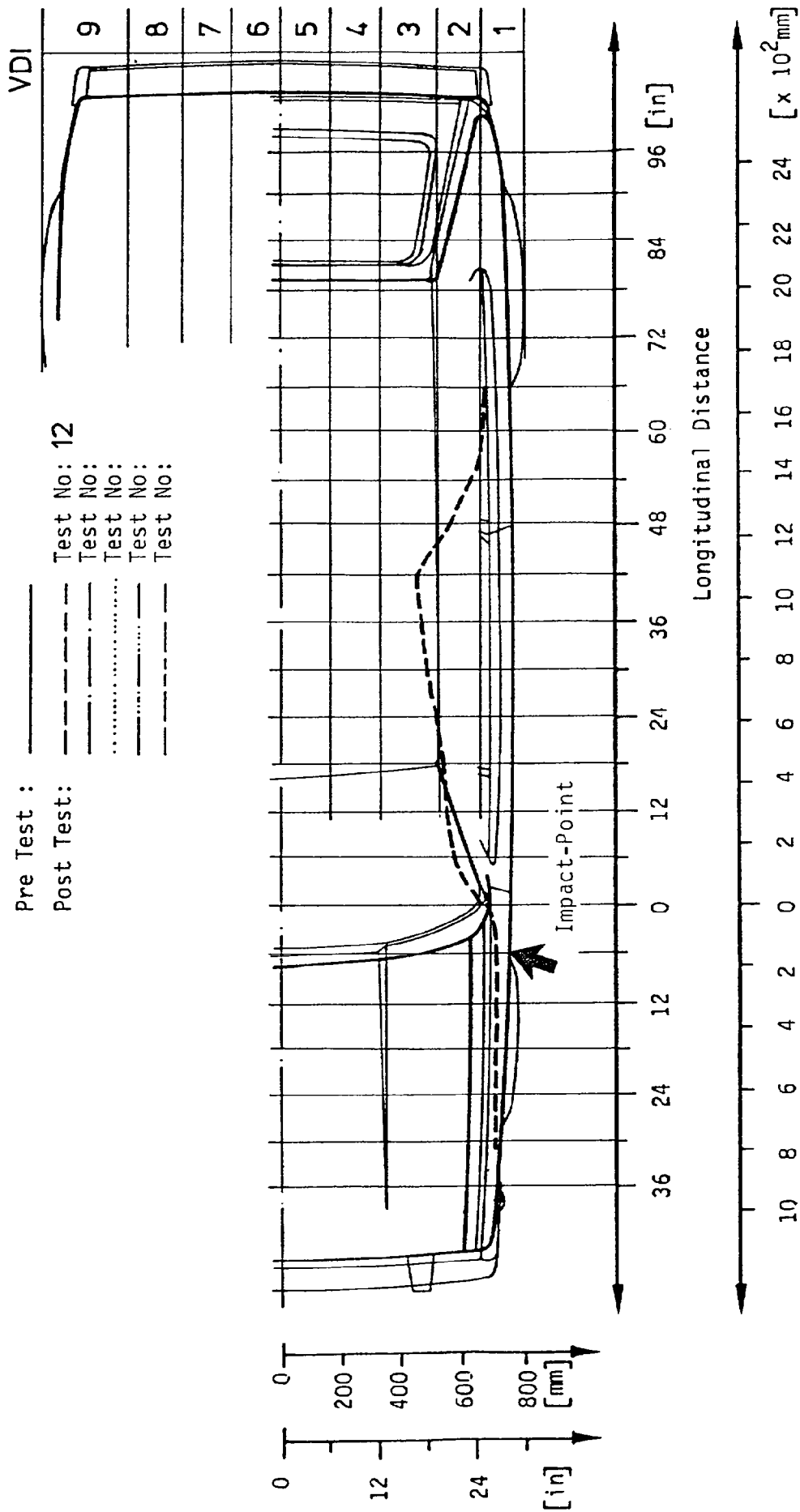


TABLE : PRE- AND POST-TEST EXTERIOR PROFILES AT 305 MM ABOVE GROUND LEVEL



TEST NO.: 12

| LOCATION                          | WINDOWSILL<br>LEVEL | MID - DOOR<br>LEVEL | BULLET VEHICL<br>BUMPER LEVEL | DOORSILL<br>LEVEL |
|-----------------------------------|---------------------|---------------------|-------------------------------|-------------------|
| HEIGHT ABOVE GROUND<br>LEVEL (mm) | 876                 | 610                 | 432                           | 318               |
| 0                                 | ●                   | ●                   | ●                             | ●                 |
| 152                               | 113                 | 137                 | 188                           | 93                |
| 305                               | 145                 | 185                 | 197                           | 100               |
| 457                               | 176                 | 217                 | 203                           | 118               |
| 610                               | 215                 | 257                 | 217                           | 138               |
| 762                               | 252                 | 288                 | 250                           | 155               |
| 914                               | 287                 | 319                 | 285                           | 202               |
| 1067                              | 304                 | 318                 | 280                           | 166               |
| 1220                              | 295                 | 311                 | 270                           | 55                |
| 1372                              | 280                 | 291                 | —                             | —                 |
| 1524                              | ●                   | ●                   | ●                             | —                 |
| 1676                              | 115                 | 169                 | ●                             | ●                 |

TABLE : STATIC INTRUSION FOR TARGET  
VEHICLE



Pre Test : \_\_\_\_\_  
 Post Test : \_\_\_\_\_  
 Test No: 12  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_

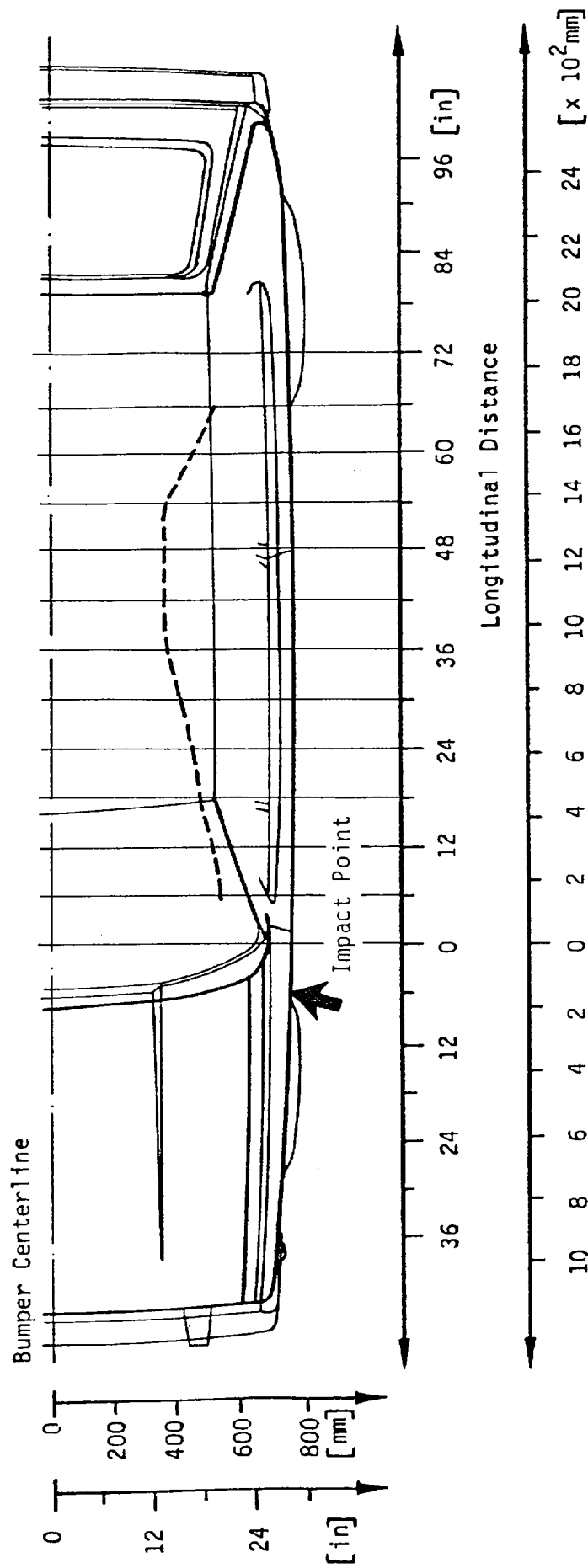


TABLE : PRE- AND POST-TEST INTERIOR PROFILES AT 876 MM  
 ABOVE GROUND LEVEL

Pre Test : \_\_\_\_\_  
 Post Test : \_\_\_\_\_  
 Test No: 12  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_

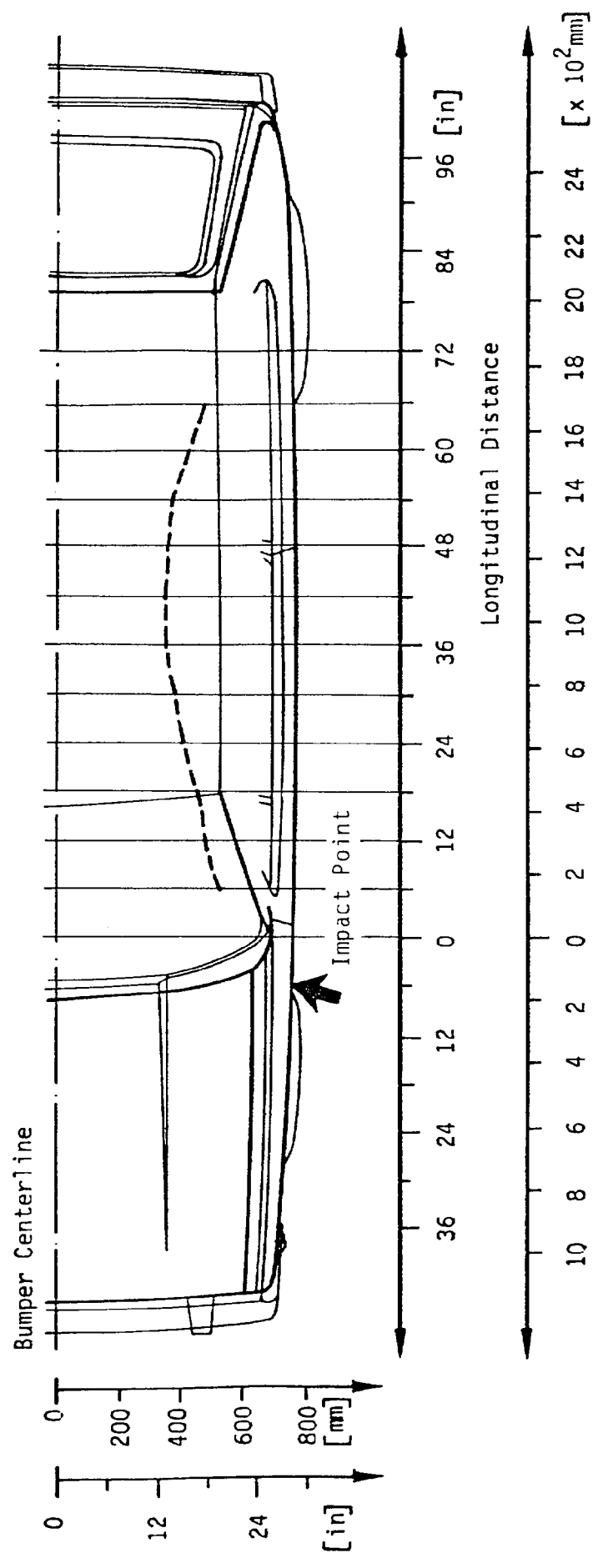


TABLE : PRE- AND POST-TEST INTERIOR PROFILES AT 610 MM  
 ABOVE GROUND LEVEL

Pre Test : \_\_\_\_\_  
 Post Test: \_\_\_\_\_  
 Test No: 12  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_

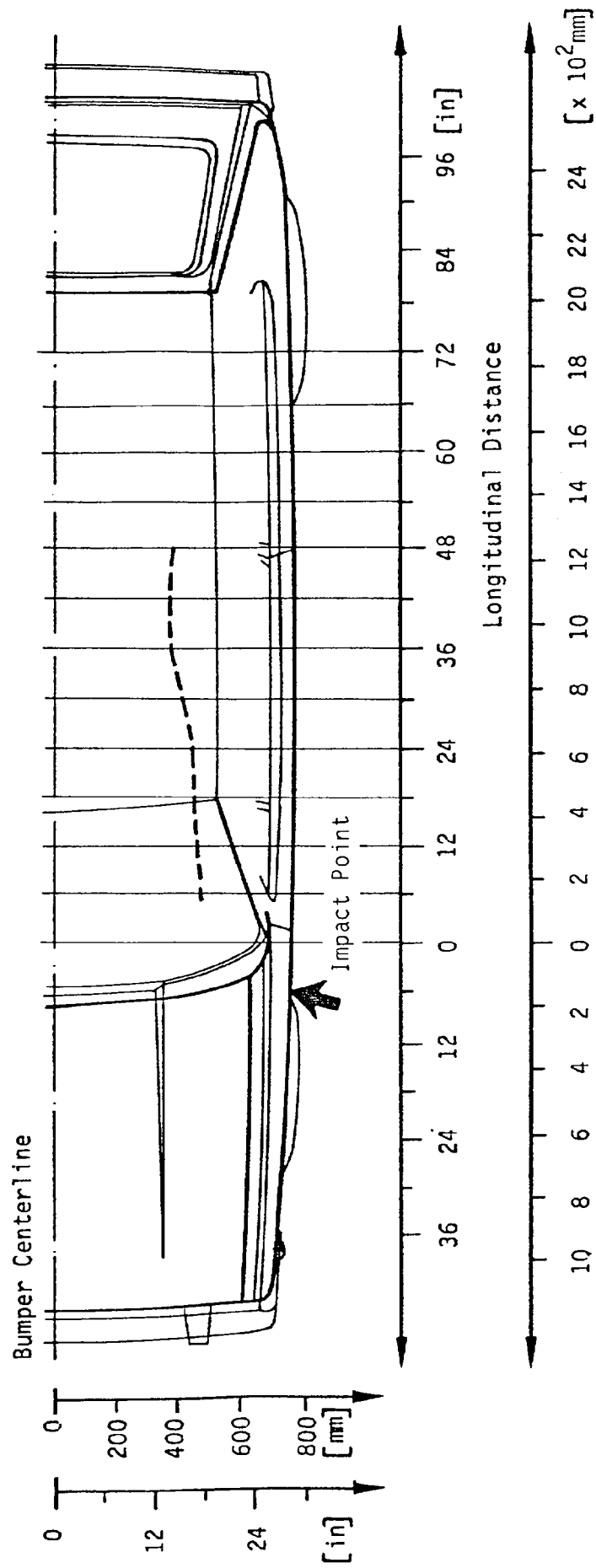


TABLE : PRE- AND POST-TEST INTERIOR PROFILES AT 432 MM  
 ABOVE GROUND LEVEL

Pre Test : \_\_\_\_\_  
 Post Test : \_\_\_\_\_  
 Test No: 12  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Test No: \_\_\_\_\_

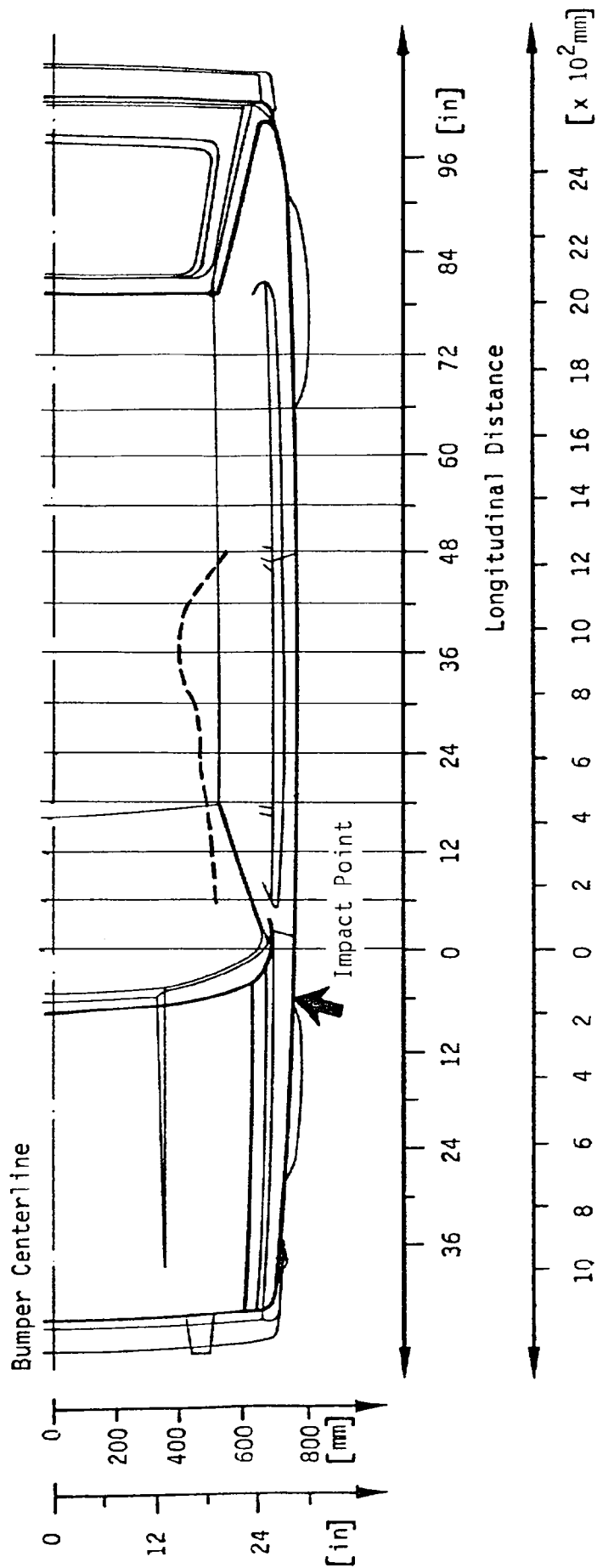


TABLE : PRE- AND POST-TEST INTERIOR PROFILES AT 318 MM  
 ABOVE GROUND LEVEL

TEST NO.: 12

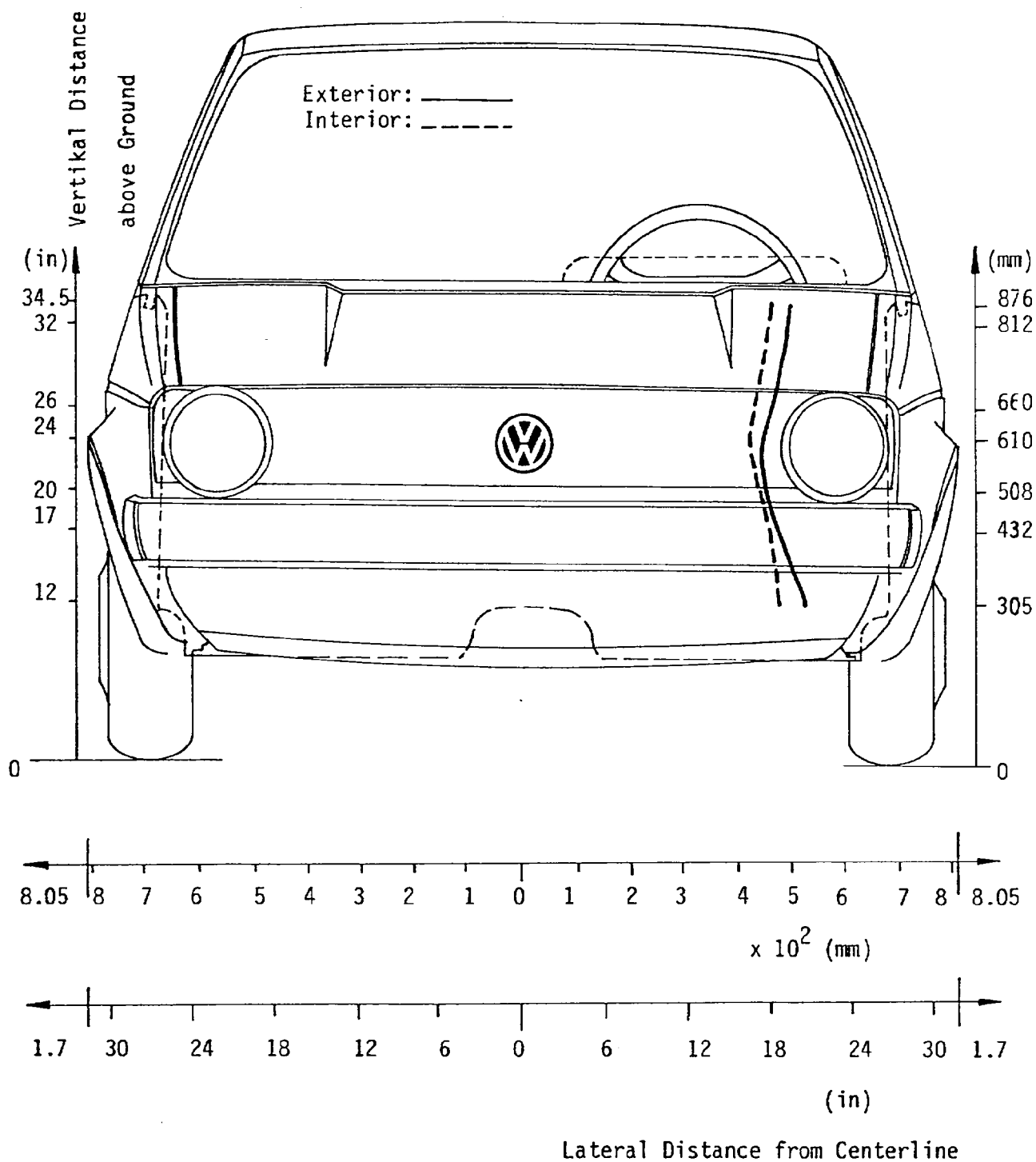


FIGURE : EXTERIOR AND INTERIOR STATIC PROFILES AT THE  
LONGITUDINAL DISTANCE 610 MM FROM DOOR

TEST NO.: 12

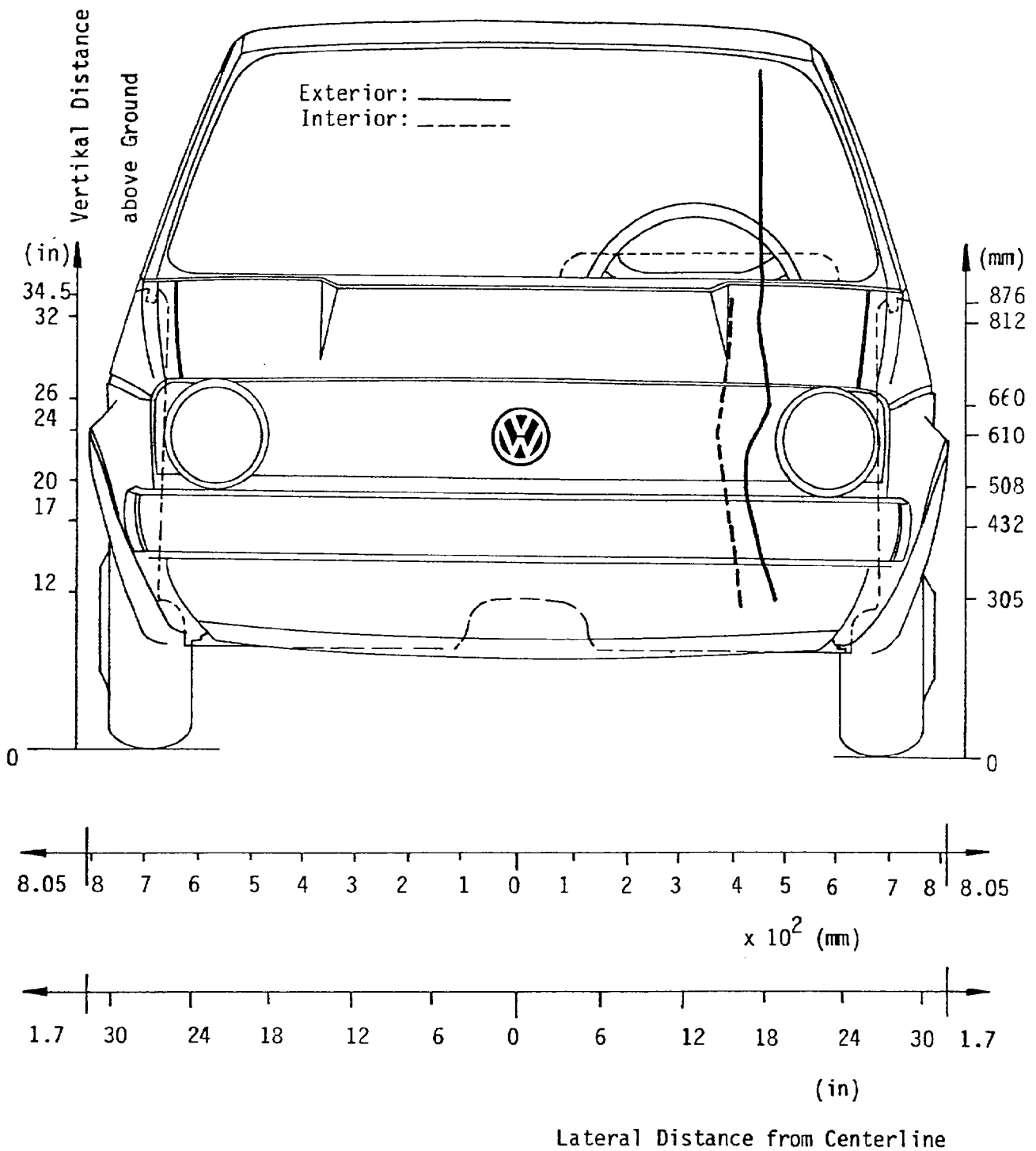
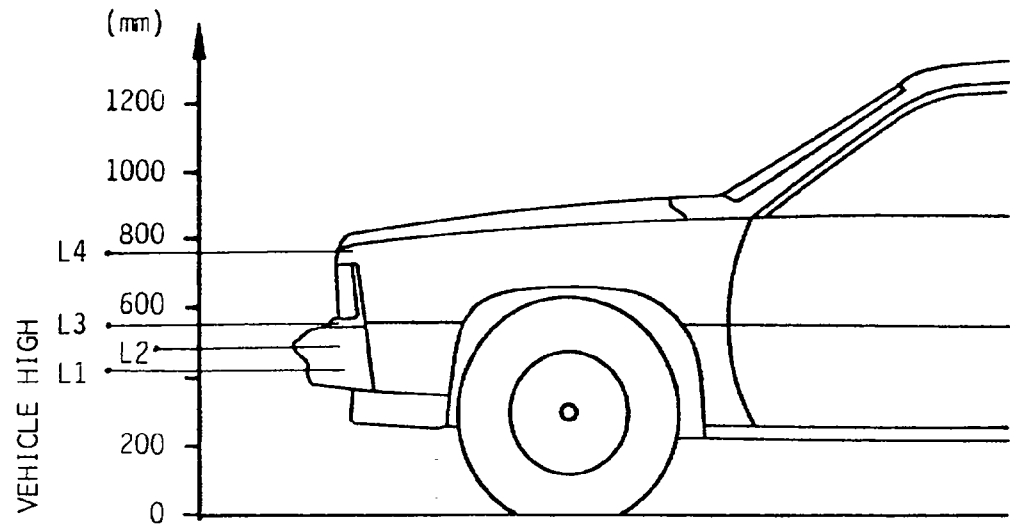


FIGURE : EXTERIOR AND INTERIOR STATIC PROFILES AT THE  
LONGITUDINAL DISTANCE 914 MM FROM DOOR



Level 1: 420 mm

Level 2: 480 mm

Level 3: 550 mm

Level 4: 750 mm

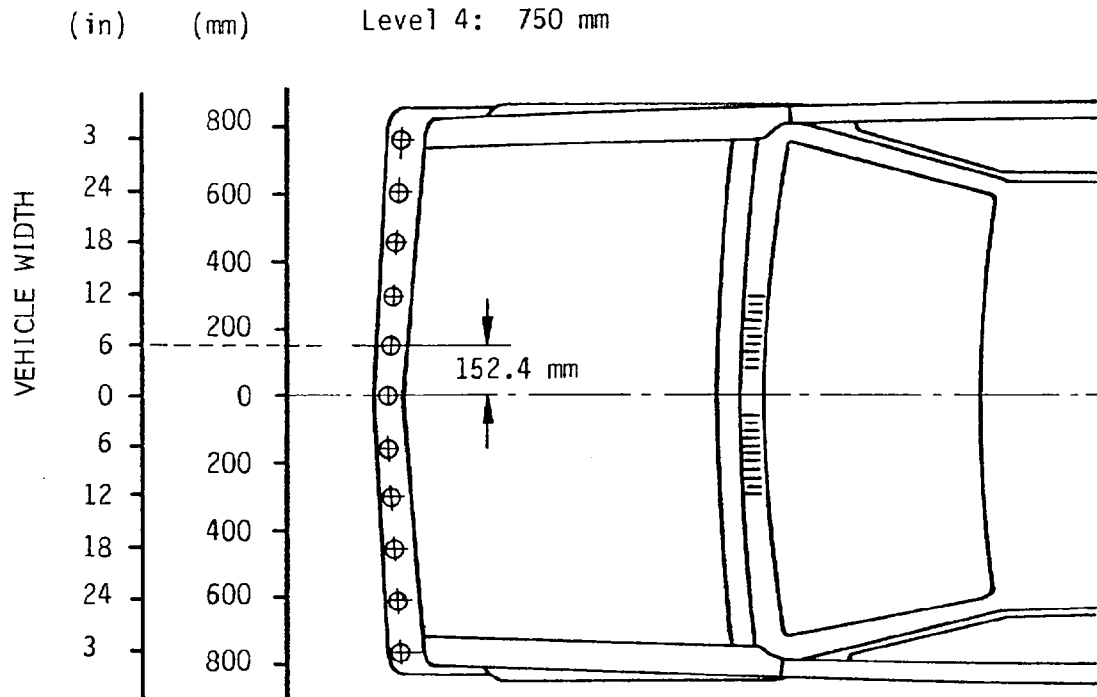


FIGURE : VEHICLE MEASUREMENT  
FRONTAL PROFILES

TEST NO.: 12

| LOCATION                         |       | UPPER HOOD<br>EDGE LEVEL | LOWER RADIA-<br>TOR LEVEL | BUMPER<br>UPPER SIDE | BUMPER<br>LOWER SIDE |     |
|----------------------------------|-------|--------------------------|---------------------------|----------------------|----------------------|-----|
| HIGHT ABOVE GROUND<br>LEVEL (mm) |       | 750                      | 550                       | 480                  | 420                  |     |
| DISTANCE OF CENTER<br>(mm)       | RIGHT | 762                      | 18                        | 20                   | -                    | 16  |
|                                  |       | 610                      | 24                        | 27                   | 16                   | 22  |
|                                  |       | 457                      | 39                        | 38                   | 23                   | 31  |
|                                  |       | 305                      | 44                        | 48                   | 27                   | 44  |
|                                  |       | 152                      | 60                        | 58                   | 33                   | 59  |
|                                  | LEFT  | 0                        | 64                        | 68                   | 34                   | 57  |
|                                  |       | 152                      | 80                        | 78                   | 45                   | 66  |
|                                  |       | 305                      | 88                        | 87                   | 50                   | 77  |
|                                  |       | 457                      | 95                        | 95                   | 58                   | 92  |
|                                  |       | 610                      | 108                       | 108                  | 83                   | 120 |
|                                  |       | 762                      | 121                       | 117                  | 116                  | 109 |

TABLE : EXTERIOR STATIC CRUSH FOR  
BULLET VEHICLE



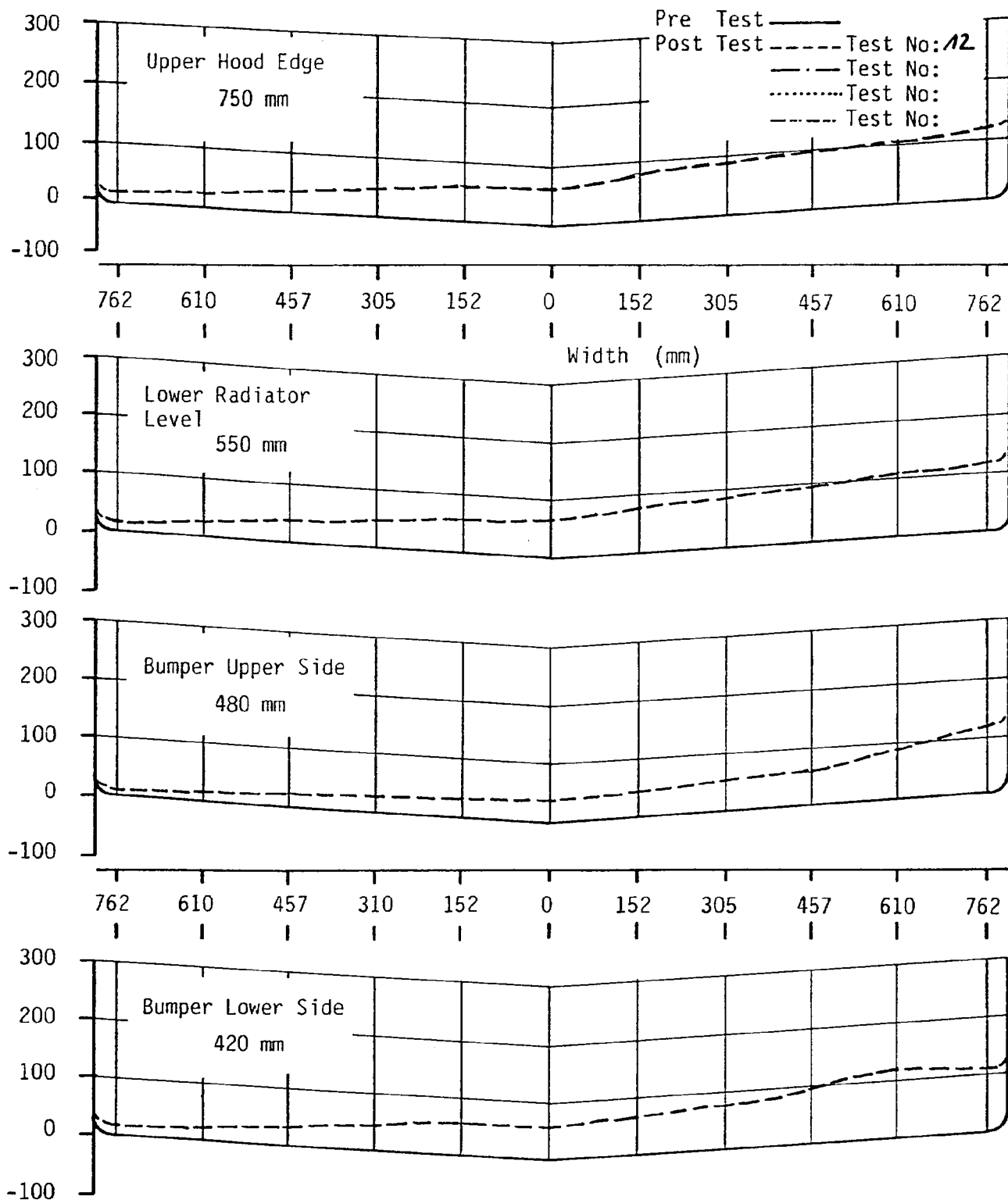


TABLE : PRE- AND POST-TEST FRONTAL  
PROFILES FOR BULLET VEHICLE

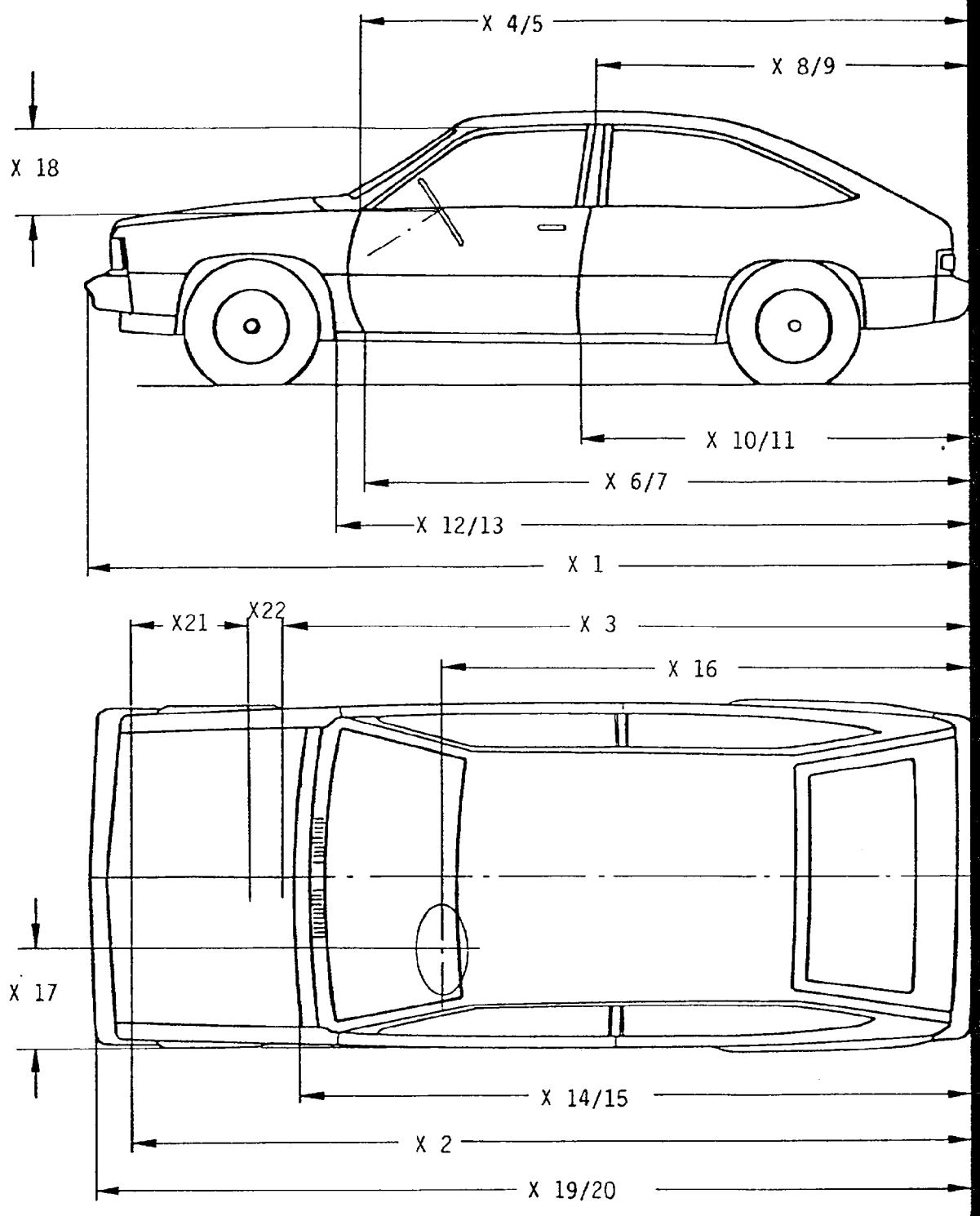


FIGURE : PRE- AND POST MEASUREMENT POINTS

TEST NO : 12

| No.  | Type of Measurement                                          | Pre-Test | Change |
|------|--------------------------------------------------------------|----------|--------|
| X 1  | Total Lenght of Vehicle at Centerline                        | 4495     | -68    |
| X 2  | Rear Surface of Vehicle to Front of Engine                   | 4015     | -10    |
| X 3  | Rear Surface of Vehicle to Firewall                          | 3368     | -16    |
| X 4  | Rear Surface of Vehicle to Upper Leading Edge of Right Door  | 3140     | -10    |
| X 5  | " " " " " " " Left Door                                      | 3140     | -40    |
| X 6  | Rear Surface of Vehicle to Lower Leading Edge of Right Door  | 3068     | 5      |
| X 7  | " " " " " " " Left Door                                      | 3065     | -3     |
| X 8  | Rear Surface of Vehicle to Upper Trailing Edge of Right Door | 1810     | -20    |
| X 9  | " " " " " " " Left Door                                      | 1807     | -27    |
| X 10 | Rear Surface of Vehicle to Lower Trailing Edge of Right Door | 1817     | 8      |
| X 11 | " " " " " " " Left Door                                      | 1812     | -3     |
| X 12 | Rear Surface of Vehicle to Bottom of A-Pillar of Right Side  | 3118     | 24     |
| X 13 | " " " " " " " Left Side                                      | 3119     | 13     |
| X 14 | Rear Surface of Vehicle to Firewall - Right Side             | 3365     | 0      |
| X 15 | " " " " " " - Left Side                                      | 3366     | 0      |
| X 16 | Rear Surface of Vehicle to Steering Column                   | 2665     | -30    |
| X 17 | Center of Steering Column to A-Pillar                        | 247      | -2     |
| X 18 | Center of Steering Column to Headliner                       | 422      | 26     |
| X 19 | Rear Surface of Vehicle to Right Side of Front Bumper        | 4418     | -20    |
| X 20 | " " " " Left Side of Front Bumper                            | 4417     | -117   |
| X 21 | Lenght of Engine Block                                       | 425      | 0      |
| X 22 | Engine to Firewall                                           | 240      | 5      |

TABLE : VEHICLE MEASUREMENT

T A R G E T      V E H I C L E

| No. | Location                                                 | Shortend Form | Direction |
|-----|----------------------------------------------------------|---------------|-----------|
| 1   | Right Front-Doorsill                                     | TSVR          | Y         |
| 2   | Left Front-Doorsill                                      | TSVL          | Y         |
| 3   | Left Rear-Doorsill                                       | SHHL          | Y         |
| 4   | Rear Deck over Centerline                                | KOBO          | X, Y, Z   |
| 5   | Front Firewall over Centerline                           | SWMI          | X, Y, Z   |
| 6   | Mid-Front Edge of Left Front-Door                        | TTRV          | Y         |
| 7   | Middle of Front-Door                                     | TTRM          | Y         |
| 7a  | Middle of Left Front-Door-Doorbeam                       | TTRQ          | Y         |
| 8   | Shoulder Contact at Front-Door                           | SASL          | Y         |
| 9   | Pelvis Contact at Front-Door                             | BASL          | Y         |
| 10  | Left Front-Door on Windowsill                            | FBVL          | Y         |
| 11  | Right Front-Door on Windowsill<br>directly across No. 10 | FBVR          | Y         |
| 12  | Left B-Pillar near Door-Latch                            | BSLL          | Y         |
| 13  | Right B-Pillar across No. 12                             | BSLR          | Y         |
| 14  | Underneath Left Front-Seat<br>attached to Seat           | SGFA          | Y         |
| 15  | Vehicle Center of Gravity                                | RTMI          | X, Y, Z   |
| 16  | Left Front-Door Intrusion                                | FTWE          | Y         |
| 17  | B-Pillar Intrusion                                       | THWE          | Y         |

B U L L E T      V E H I C L E

| No. | Location                                                | Shortend Form | Direction |
|-----|---------------------------------------------------------|---------------|-----------|
| 1   | Right Occupant Compartment<br>near B-Pillar on Doorsill | TSMR          | X         |
| 2   | Left Occupant Compartment (across No.1)                 | TSML          | X         |
| 3   | Rear Deck over Vehicle Centerline                       | KOMI          | X, Y, Z   |
| 4   | Front Firewall over Vehicle Centerline                  | SPWM          | X, Y, Z   |
| 5   | Vehicle Center of Gravity                               | SPKT          | X, Y, Z   |
| 6   | Top of Engine Block                                     | MOTO          | X, Y, Z   |
| 7   | Left Front Frame Rail                                   | LTVL          | X         |

Declaration: X = Longitudinal ; Y = Lateral ; Z = Vertical

TABLE : LIST OF VEHICLES -  
ACCELEROMETERS - LOCATION

O C C U P A N T S

| No. | Location            | Shortened Form |           | Direction |
|-----|---------------------|----------------|-----------|-----------|
|     |                     | DRIVER         | REAR LEFT |           |
| 1   | Head Triaxial       | K001           | K003      | X, Y, Z   |
| 2   | Upper Sternum       | B001           | B003      | X         |
| 3   | Lower Sternum       | BU01           | BU03      | X         |
| 4   | Left Upper Rib      | L001           | L003      | Y         |
| 5   | Left Lower Rib      | LU01           | LU03      | Y         |
| 6   | Right Upper Rib     | R001           | R003      | Y         |
| 7   | Right Lower Rib     | RU01           | RU03      | Y         |
| 8   | Upper Thorax (T 1)  | T001           | T003      | X, Y, Z   |
| 10  | Lower Thorax (T 12) | TU01           | TU03      | X, Y, Z   |
| 11  | Pelvis Triaxial     | BE01           | BE03      | X, Y, Z   |
| 12  | Chest Deflection    | WE01           | WE03      | Y         |
| 13  | Shoulder Beltforce  | GU01SA         | GU03SA    |           |
| 14  | Pelvis Beltforce    | GU01BA         | GU03BA    |           |
| 15  | Shoulder Contact    | SK01K          | SK03K     |           |
| 16  | Pelvis Contact      | BK01K          | BK03K     |           |

Declaration: X = Longitudinal  
Y = Lateral  
Z = Vertical

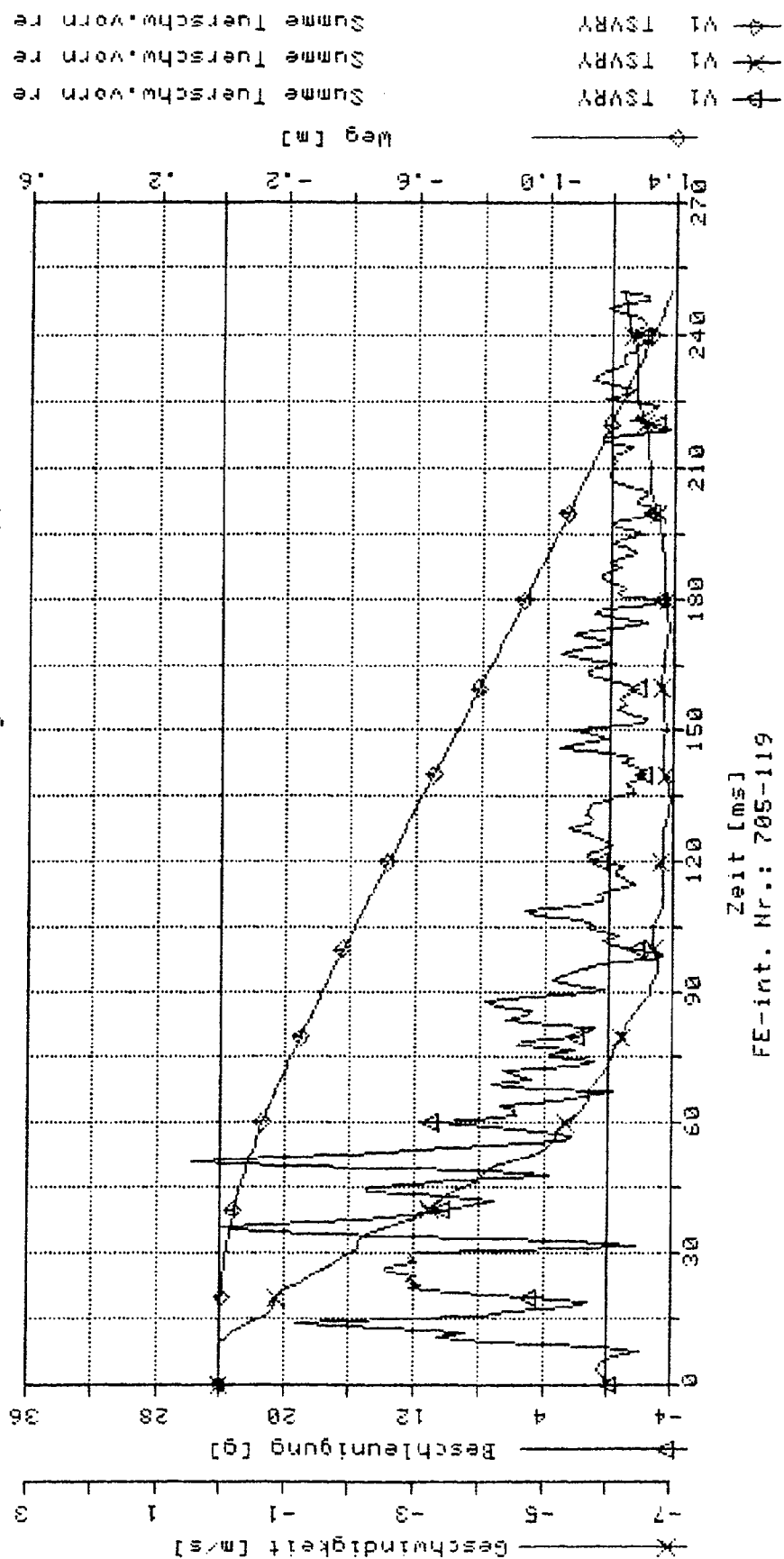
TABLE : LIST OF OCCUPANT  
ACCELEROMETERS-LOCATION

T A R G E T      V E H I C L E

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t     | 3MS   |
|----|-------------|------------------------|----------|-------|-------|
| V1 | TSVRY       | Summe Tuerschw.vorn re | 25.844   | 51.0  | 20.15 |
| V1 | TSVRY       | Summe Tuerschw.vorn re | -6.961   | 134.0 | 0.00  |
| V1 | TSVRY       | Summe Tuerschw.vorn re | -1.387   | 250.0 | 0.00  |

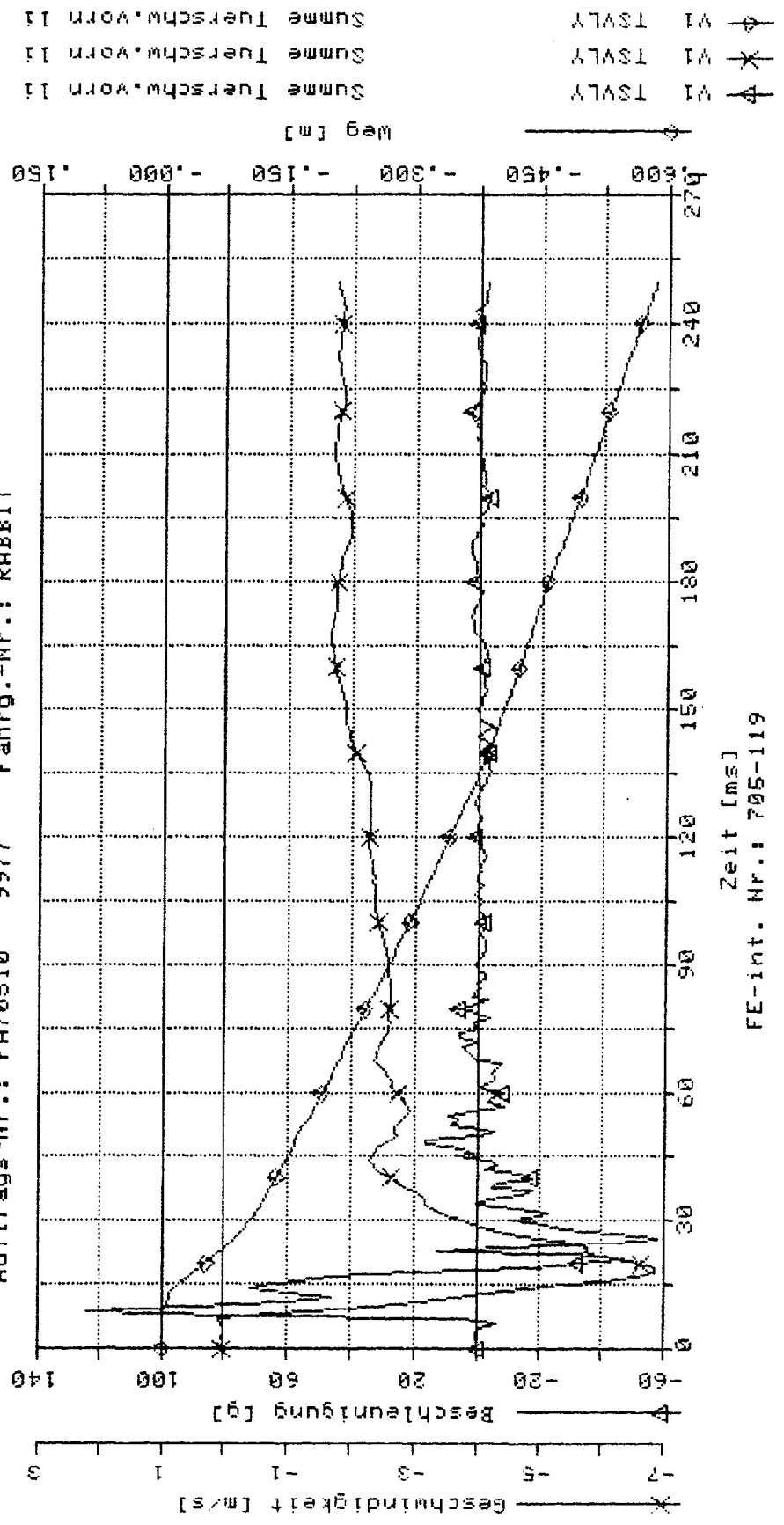
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t       | 3MS   |
|----|-------------|------------------------|----------|---------|-------|
|    |             | Groesse                |          | Extr.   |       |
| V1 | TSVLY       | Summe Tuerschw.vorn li | RE g     | 123.917 | 9.0   |
| V1 | TSVLY       | Summe Tuerschw.vorn li | GE m/s   | -6.868  | 19.0  |
| V1 | TSVLY       | Summe Tuerschw.vorn li | WE M     | -585    | 250.0 |
|    |             |                        |          |         | 71.00 |
|    |             |                        |          |         | 0.00  |
|    |             |                        |          |         | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

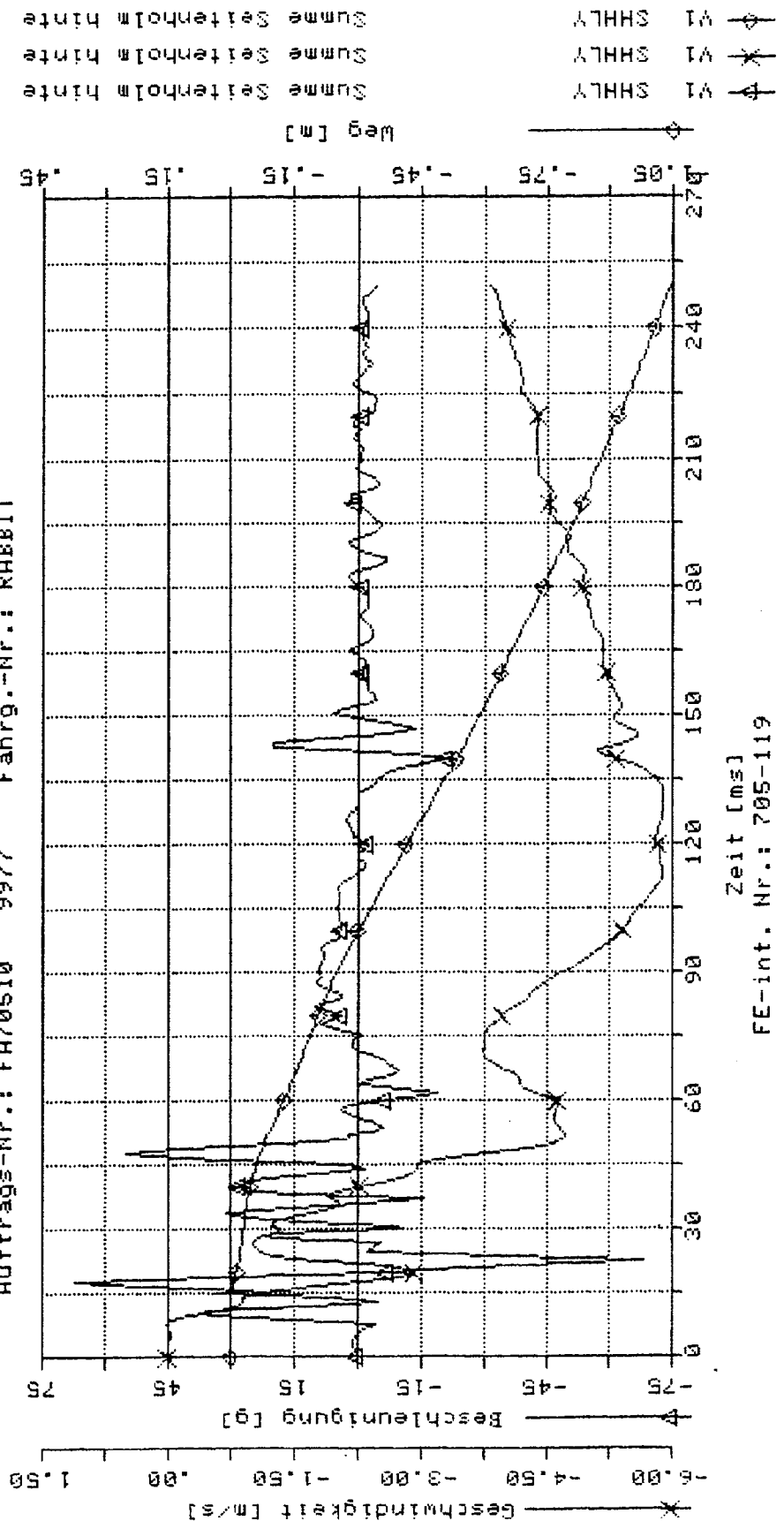




Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t     | 3MS   |
|----|-------------|------------------------|----------|-------|-------|
|    |             | Groesse                |          | Extr. |       |
| V1 | SHHLY       | Summe Seitenholm hinte | KE g     | 23.0  | 51.35 |
| V1 | SHHLY       | Summe Seitenholm hinte | GE m/s   | 130.0 | 0.00  |
| V1 | SHHLY       | Summe Seitenholm hinte | WE m     | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

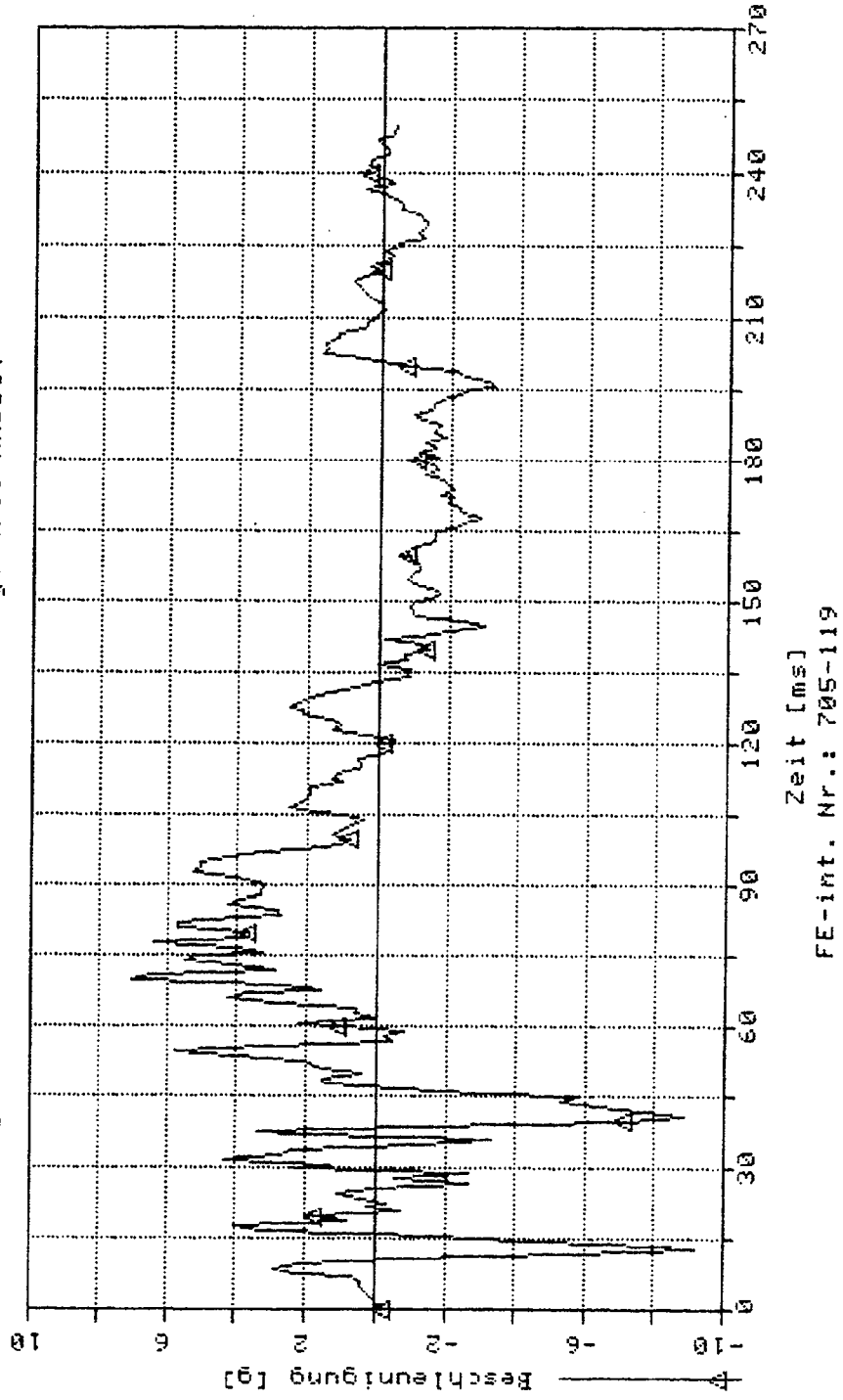


FE-int. Nr.: 705-119

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

|    |                  |                        |          |       |      |
|----|------------------|------------------------|----------|-------|------|
| UP | Mess-Stelle..... | ber.                   | Extremum | t     | 3MS  |
| V1 | KOROX            | Summe Kofferboden mitt | Groesse  | Extr. |      |
|    |                  | BE                     | g        | 13.0  | 7.21 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



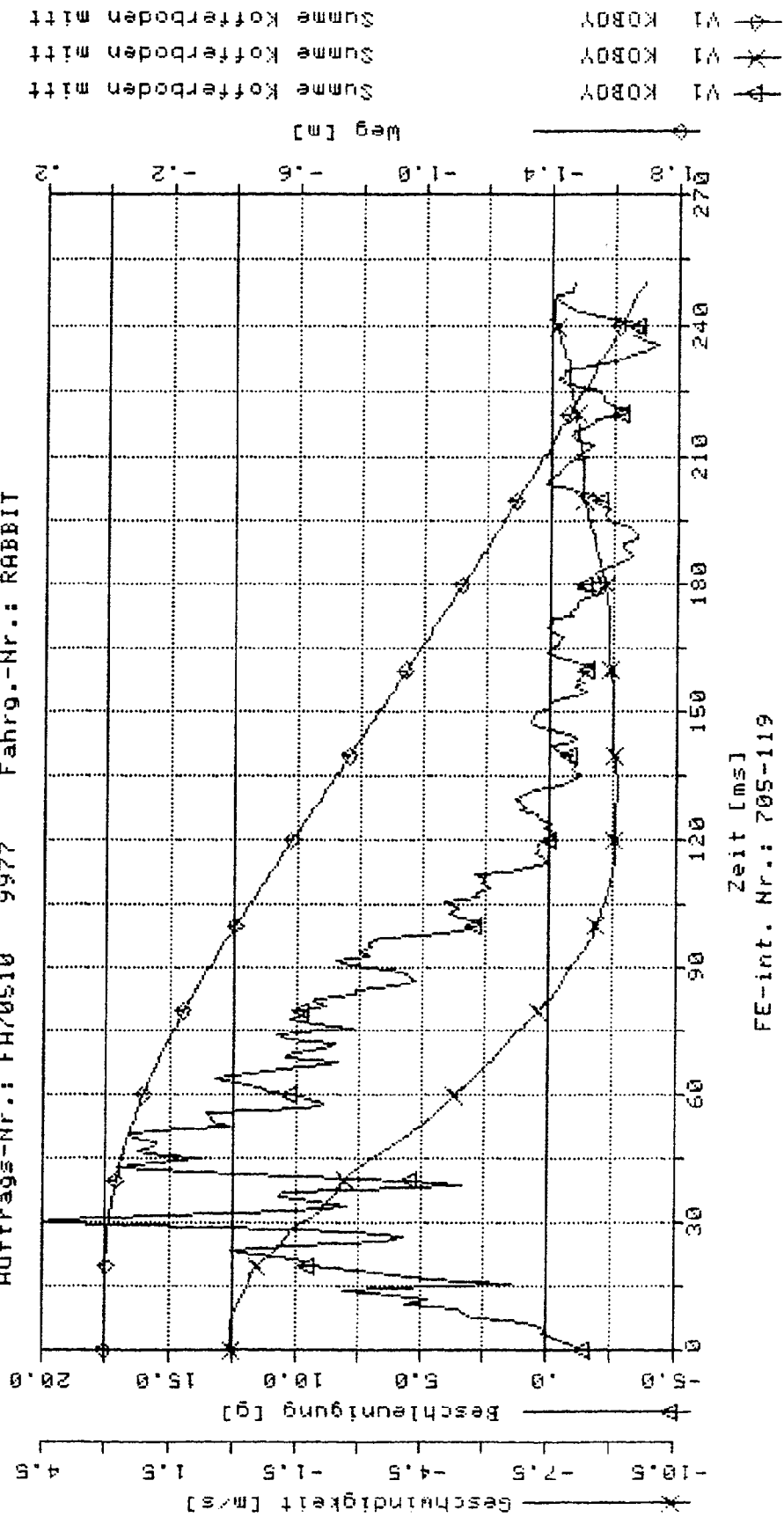
Summe Kofferboden mitt

V1 KOROX 4

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t     | 3MS   |
|----|-------------|------------------------|----------|-------|-------|
| V1 | KOBY        | Summe Kofferboden Mitt | Groesse  | Extr. |       |
| V1 | KOBY        | Summe Kofferboden Mitt | BE g     | 30.0  | 16.53 |
| V1 | KOBY        | Summe Kofferboden Mitt | GE m/s   | 132.0 | 0.00  |
| V1 | KOBY        | Summe Kofferboden Mitt | WE m     | 250.0 | 0.00  |

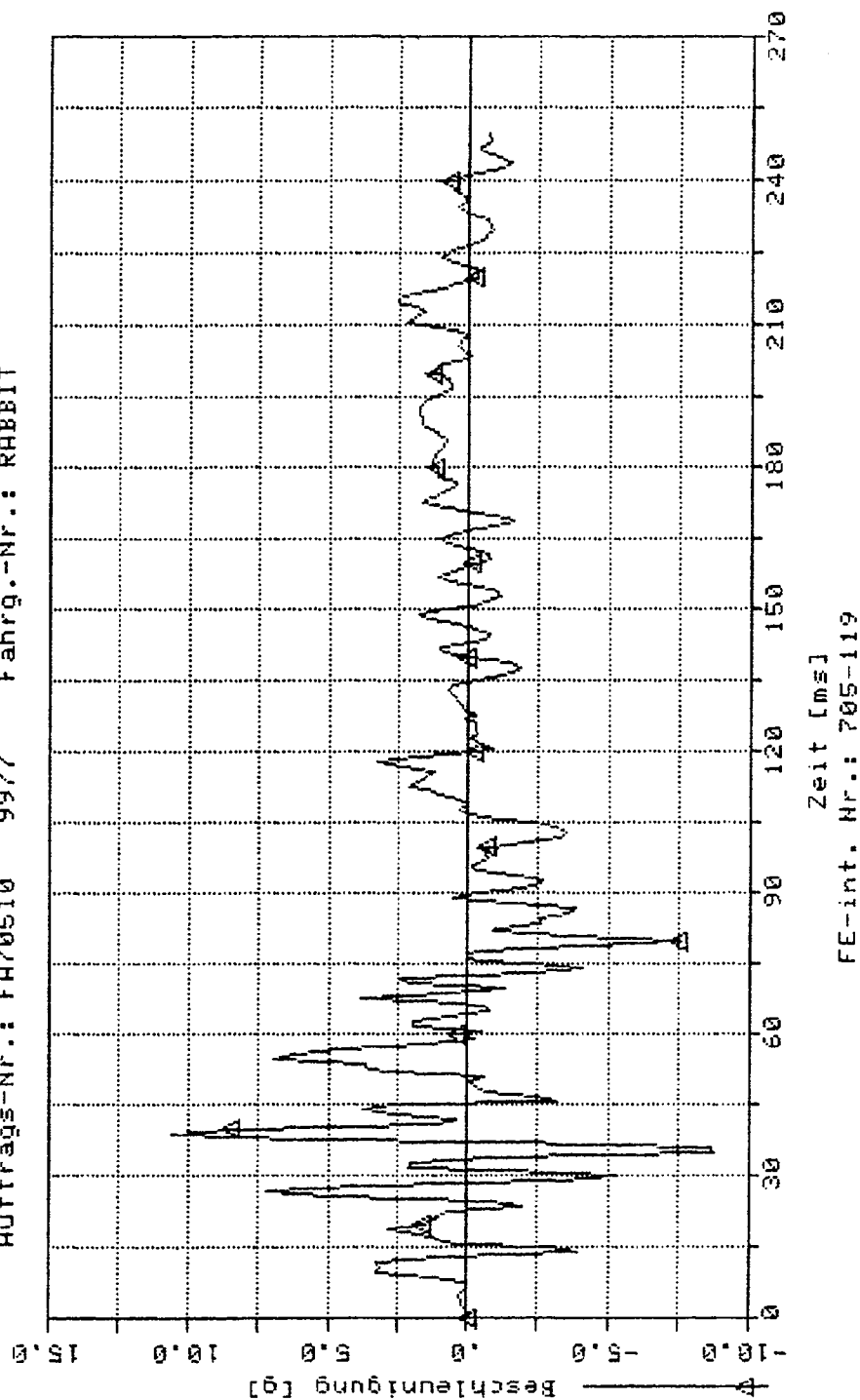
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 KOB02 Summe Kofferboden mitt BE g 10.594 39.0 8.36

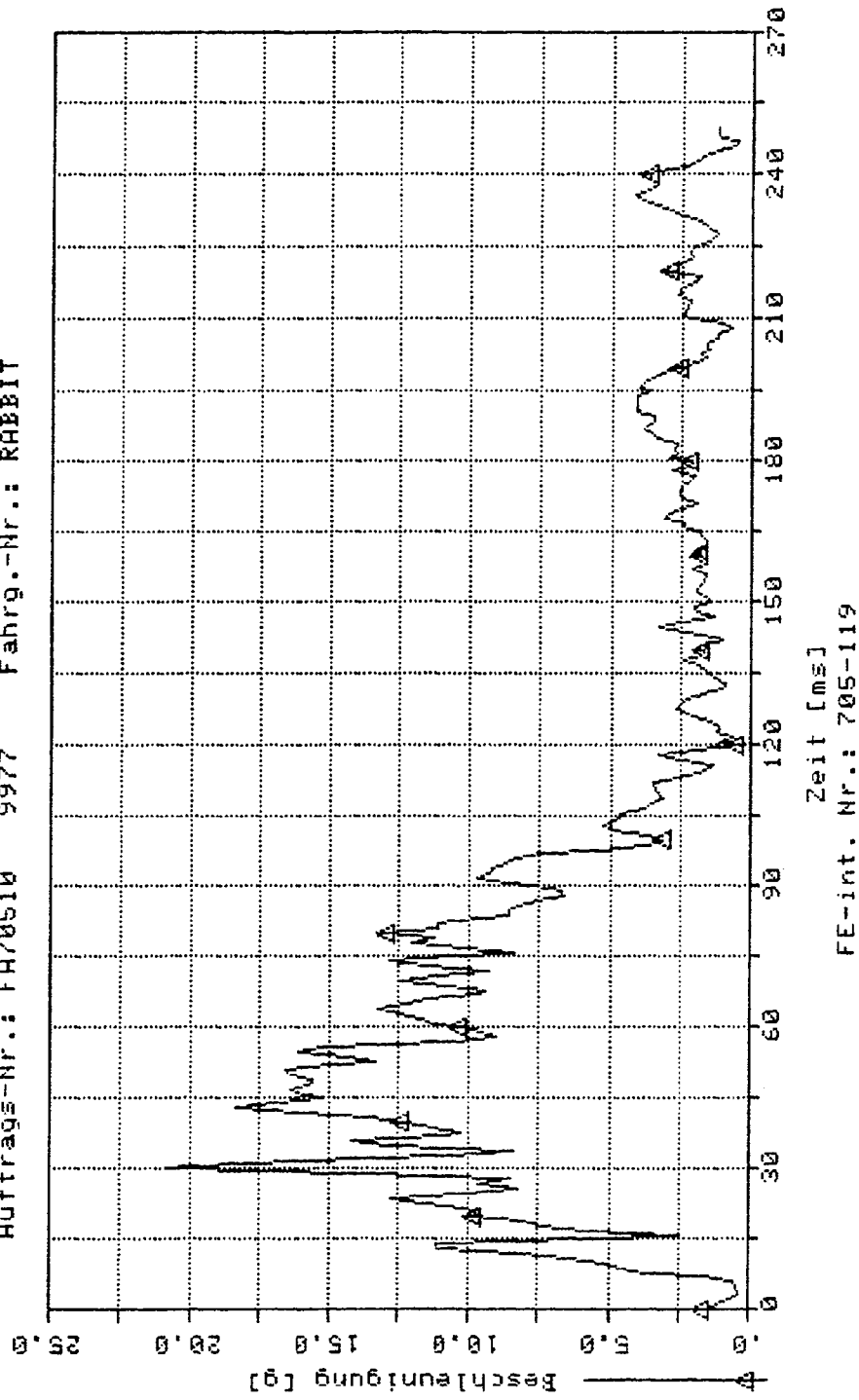
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

|                     |                        |          |       |       |
|---------------------|------------------------|----------|-------|-------|
| UP Mess-Stelle..... | ber.                   | Extremum | t     | 3MS   |
| V1 KOB0 X Y Z       | Summe Kofferboden mitt | Groesse  | Extr. |       |
|                     | BE                     | g        | 30.0  | 16.82 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



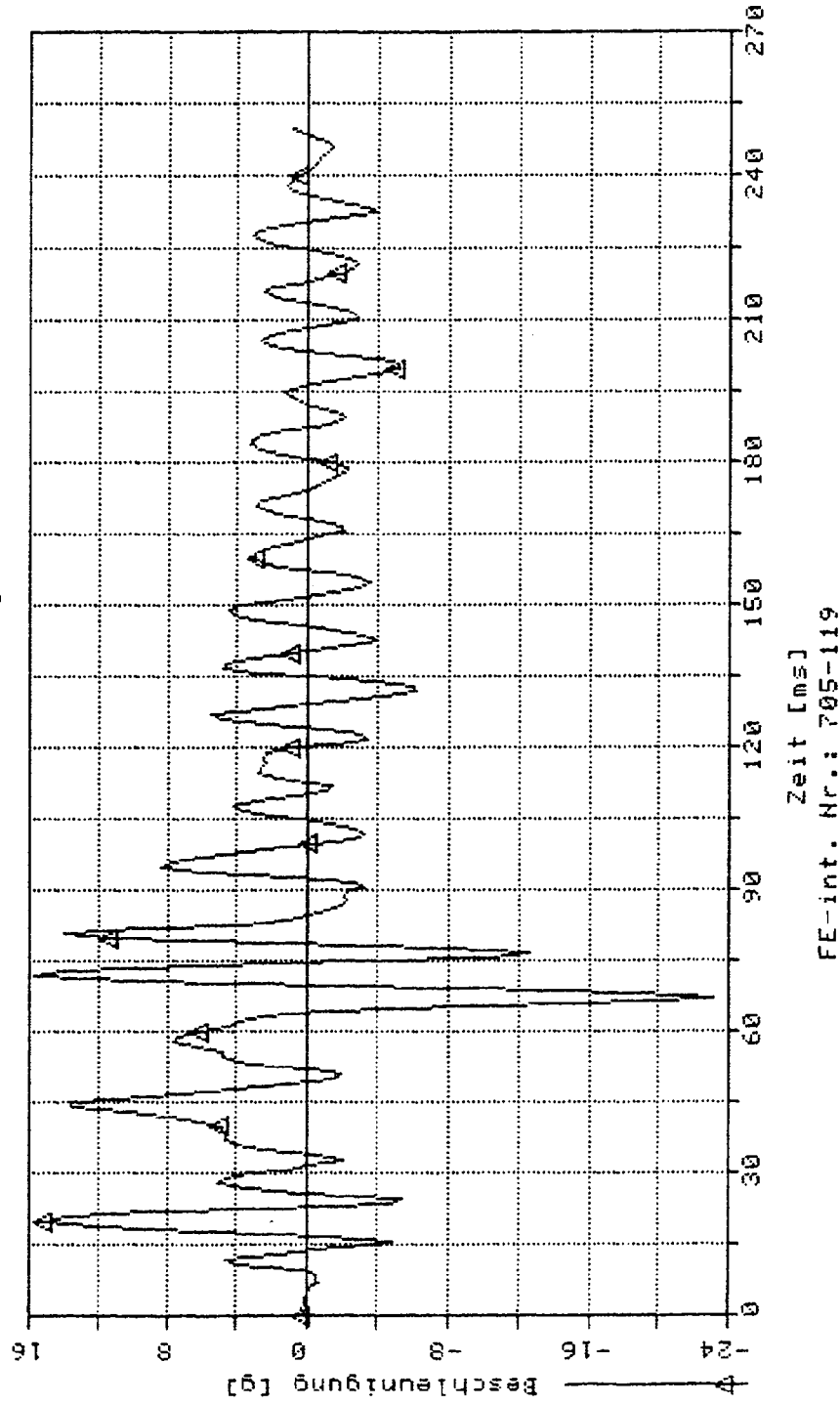
Summe Kofferboden mitt

VI KOB0 X Y Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

|    |                  |                        |          |       |       |
|----|------------------|------------------------|----------|-------|-------|
| UP | Mess-Stelle..... | ber.                   | Extremum | t     | 3MS   |
| V1 | SWMIX            | Summe Spritzwand mitte | Groesse  | Extr. |       |
|    |                  | BE                     | g        | 67.0  | 15.35 |

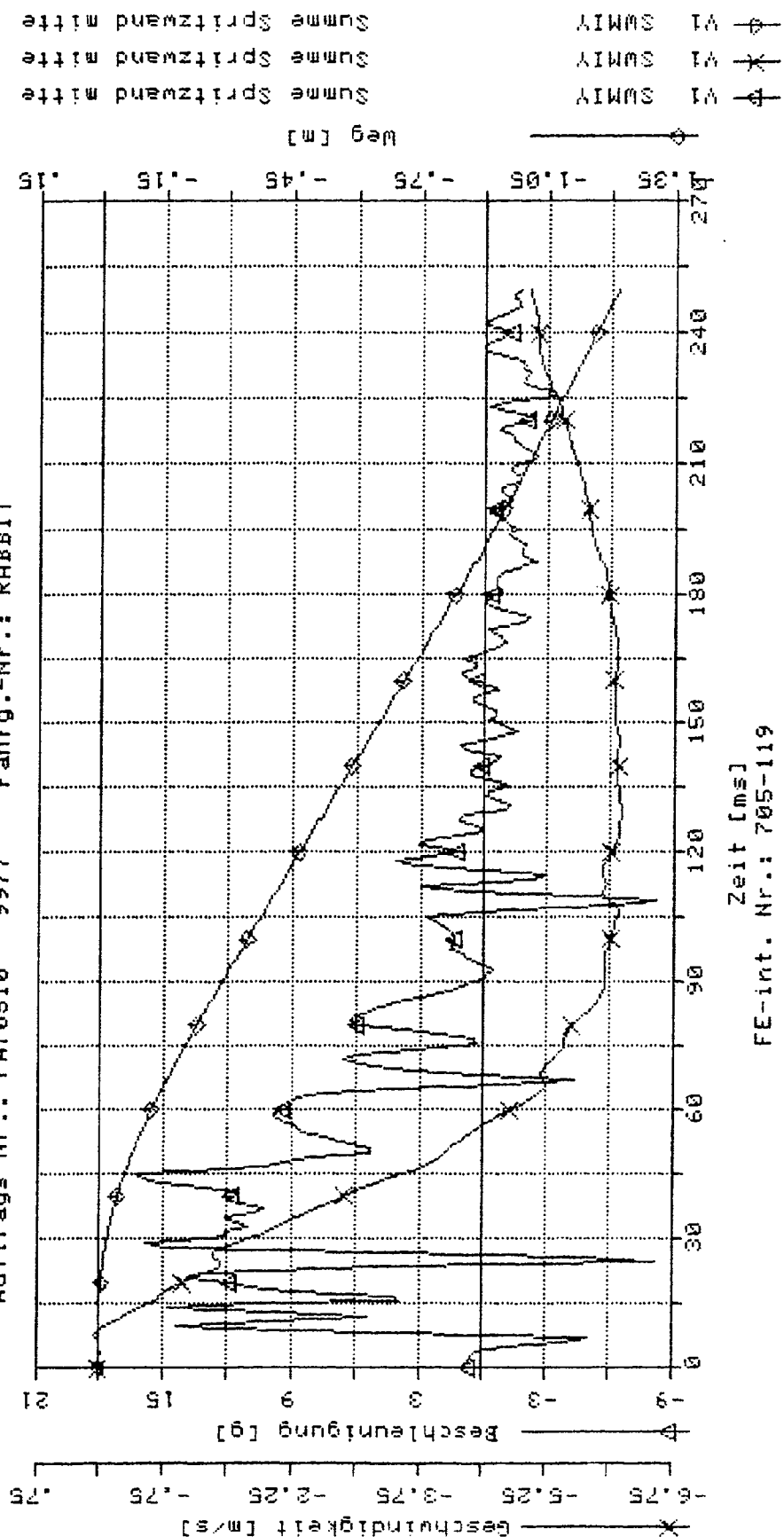
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t      | 3MS   |
|----|-------------|------------------------|----------|--------|-------|
| V1 | SWMIY       | Summe Spritzwand mitte | BE g     | 16.219 | 45.0  |
| V1 | SWMIY       | Summe Spritzwand mitte | GE m/s   | -6.143 | 129.0 |
| V1 | SWMIY       | Summe Spritzwand mitte | WE m     | -1.216 | 250.0 |
|    |             |                        |          |        | 15.15 |
|    |             |                        |          |        | 0.00  |
|    |             |                        |          |        | 0.00  |

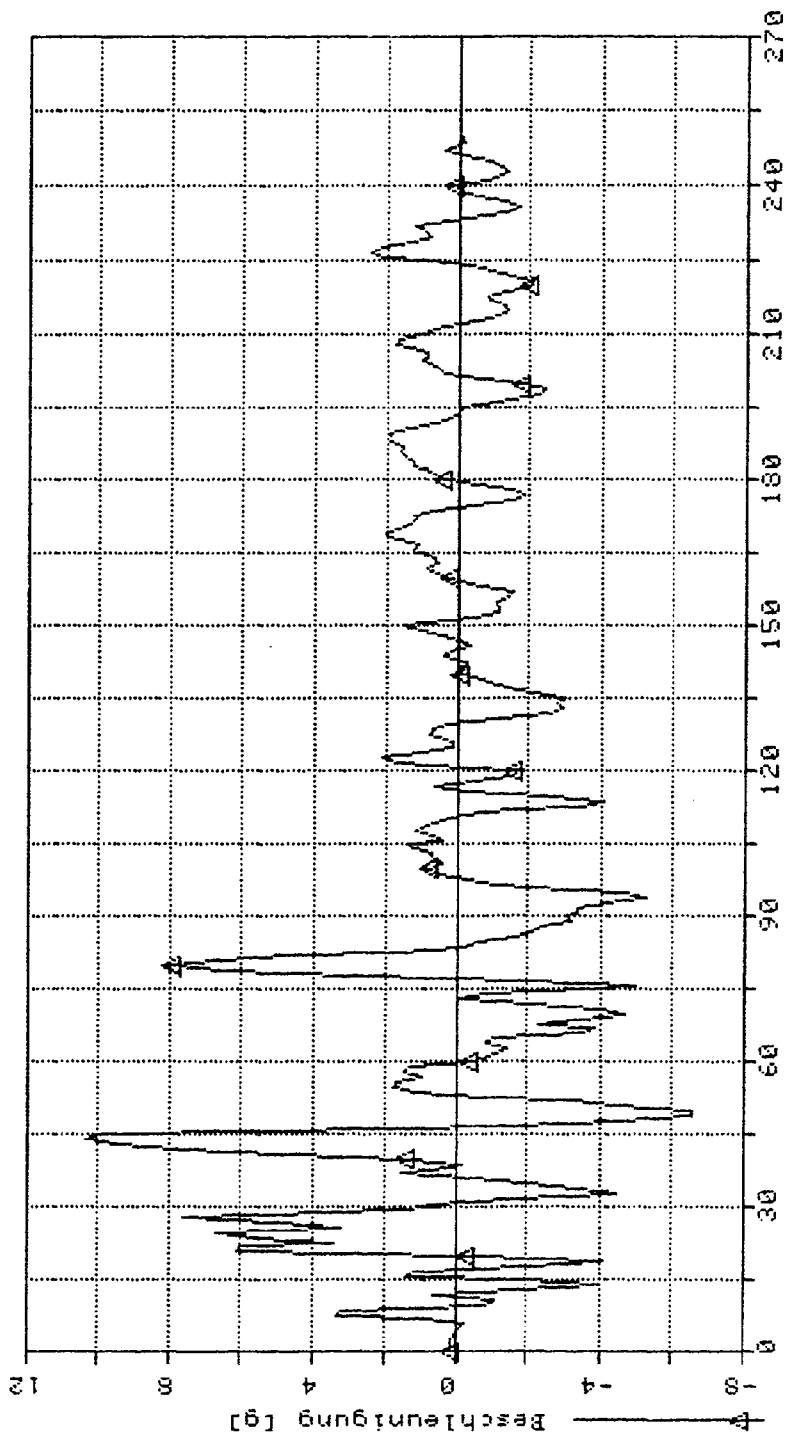
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 SWMIZ Summe Spritzwand mitte BE g 10.333 Extr. 44.0 7.85

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Zeit [ms]  
 FE-int. Nr.: 705-119

Summe Spritzwand mitte

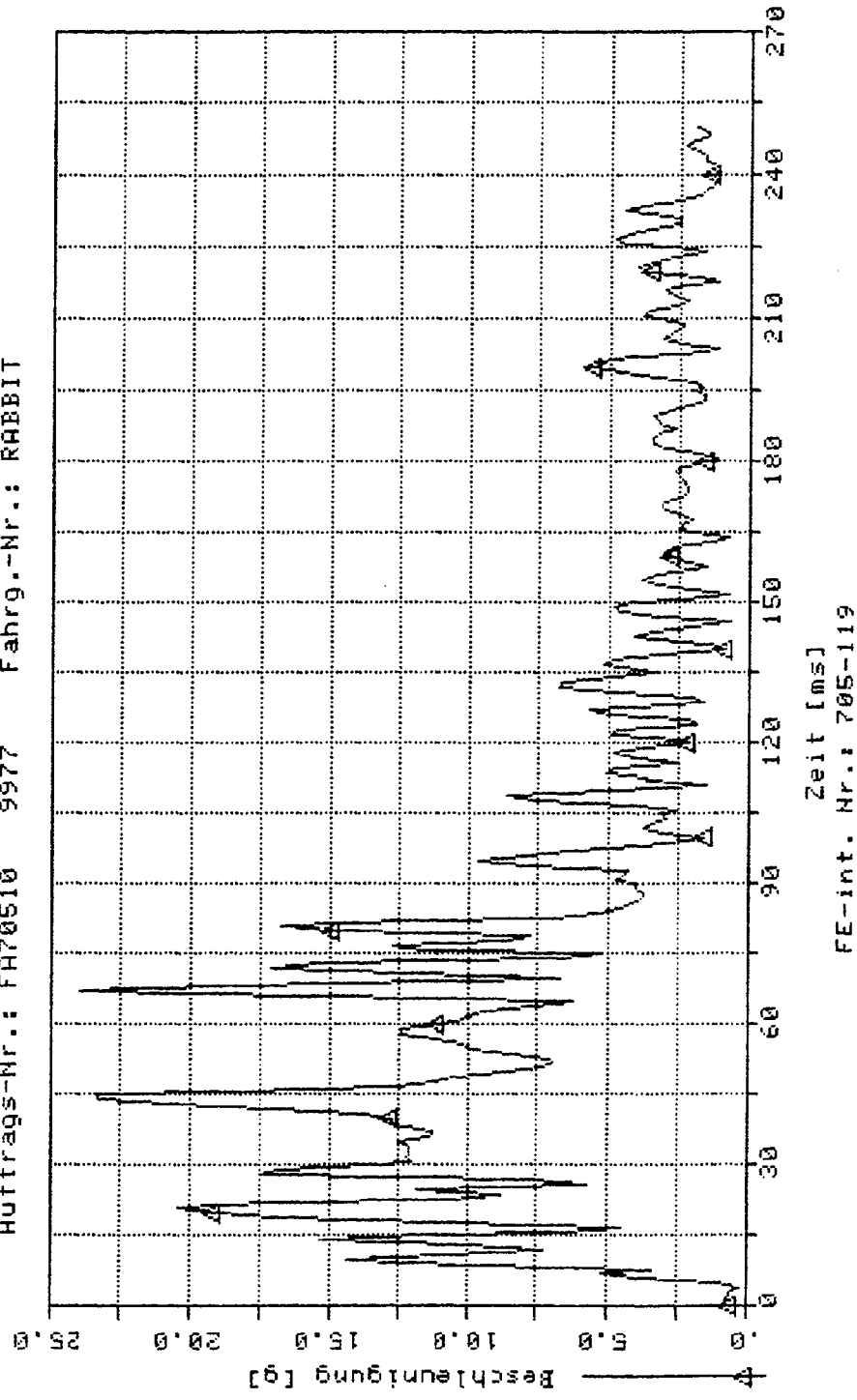
V1 SWMIZ



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 SWM1 X Y Z Summe Spritzwand mitte BE g 23.905 67.0 21.82

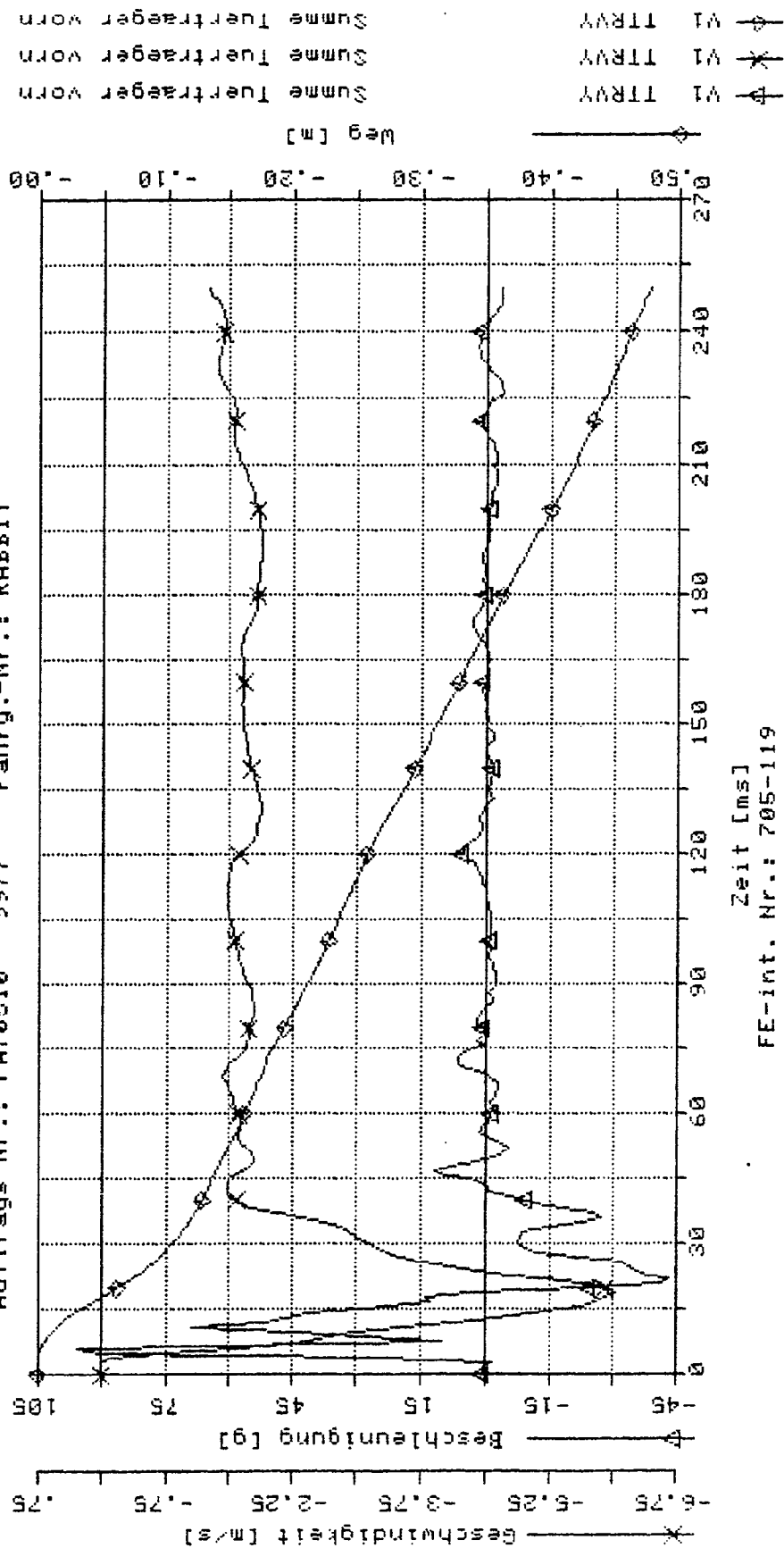
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t     | 3MS   |
|----|-------------|------------------------|----------|-------|-------|
| V1 | TTRVY       | Summe Tuertraeger vorn | BE g     | 6.0   | 51.15 |
| V1 | TTRVY       | Summe Tuertraeger vorn | GE m/s   | 19.0  | 0.00  |
| V1 | TTRVY       | Summe Tuertraeger vorn | WE m     | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

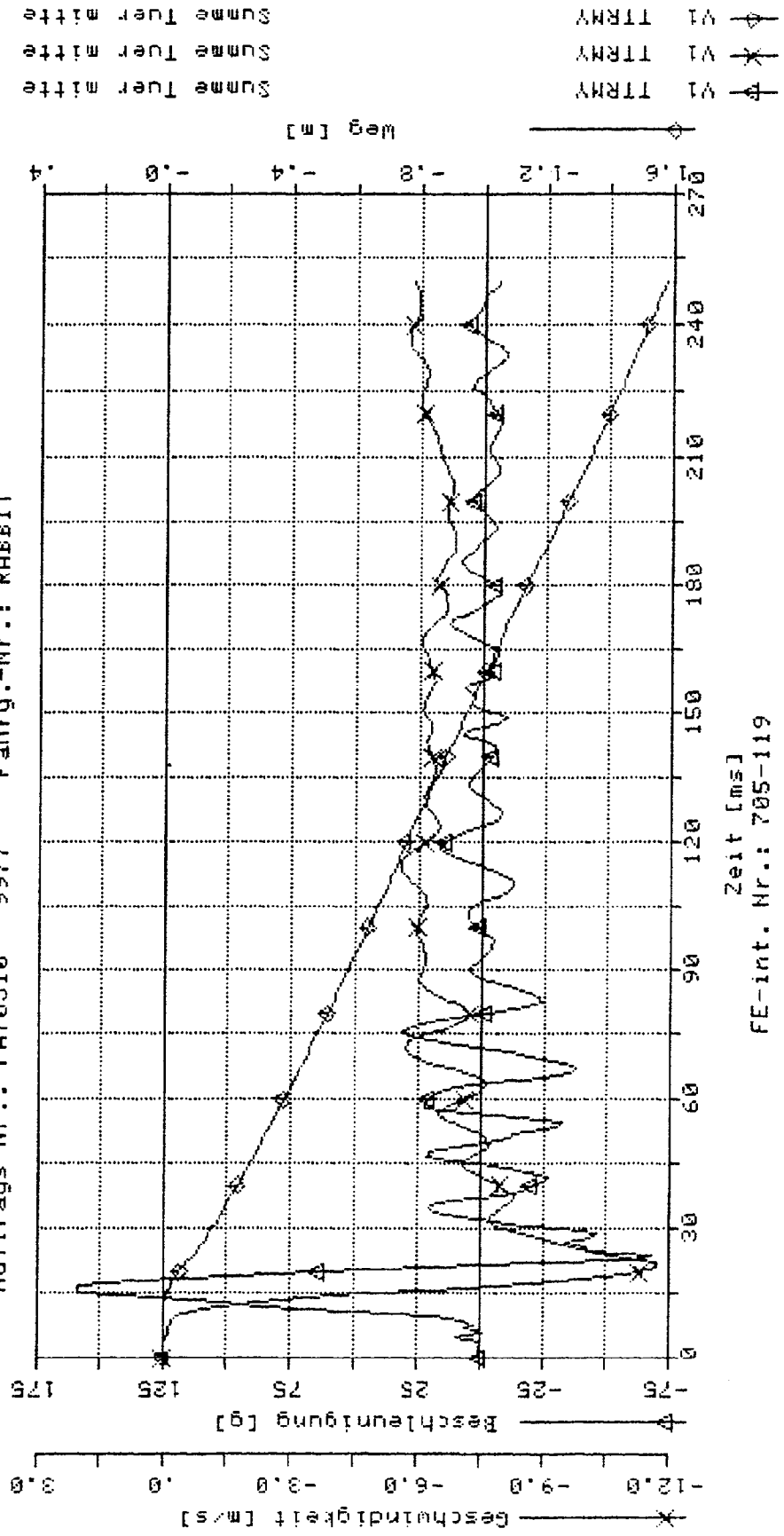


Zeit [ms]  
 FE-int. Nr.: 705-119

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.             | Extremum | t     | 3MS    |
|----|-------------|------------------|----------|-------|--------|
| V1 | TTRMY       | Summe Tuer mitte | 158.566  | 15.0  | 135.65 |
| V1 | TTRMY       | Summe Tuer mitte | -11.704  | 21.0  | 0.00   |
| V1 | TTRMY       | Summe Tuer mitte | -1.578   | 250.0 | 0.00   |

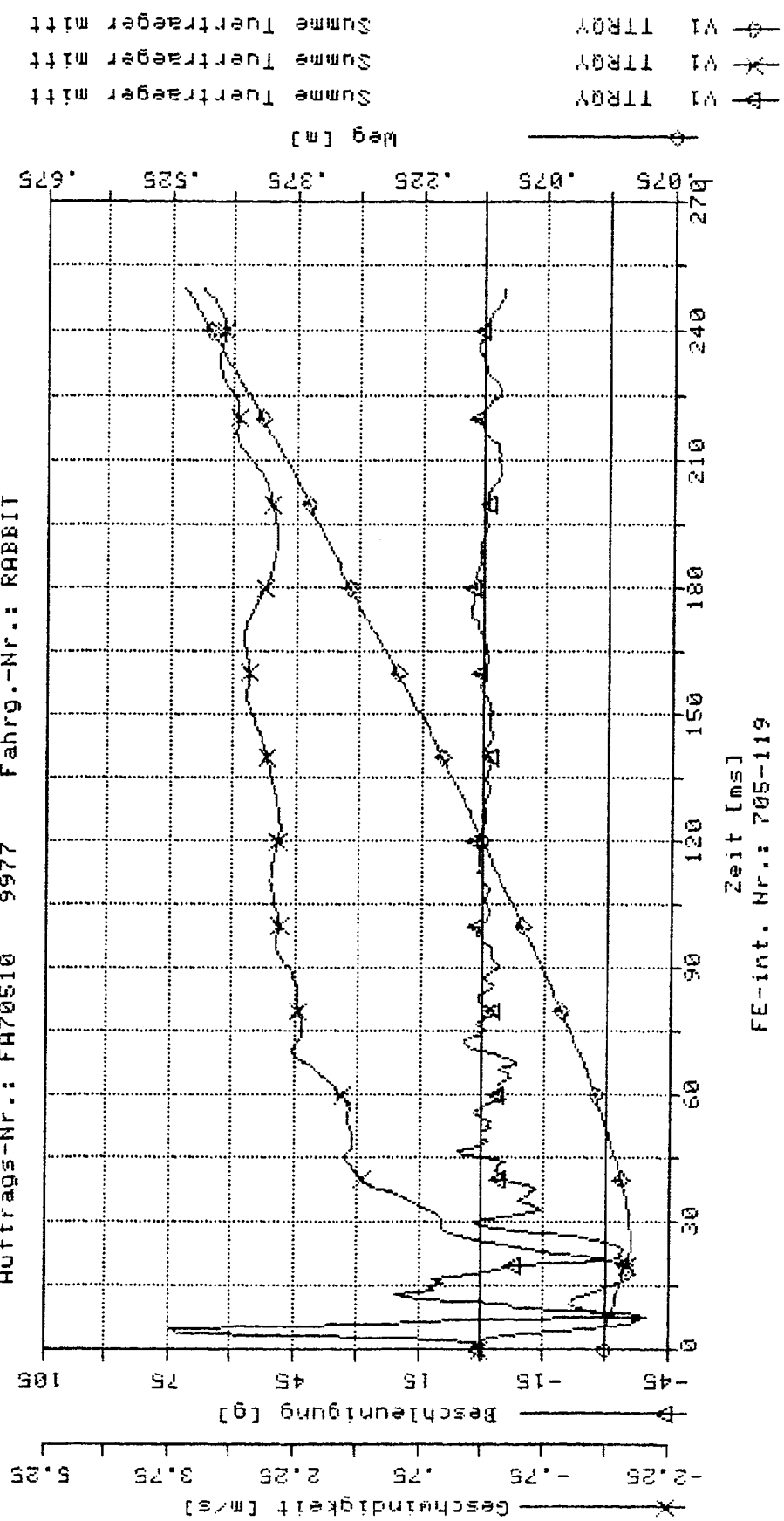
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t      | 3MS   |
|----|-------------|------------------------|----------|--------|-------|
|    |             | Groesse                |          | Extr.  |       |
| V1 | TTRQY       | Summe Tuertraeger Mitt | BE g     | 74.303 | 34.84 |
| V1 | TTRQY       | Summe Tuertraeger Mitt | GE m/s   | 3.353  | 0.00  |
| V1 | TTRQY       | Summe Tuertraeger Mitt | WE m     | .507   | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



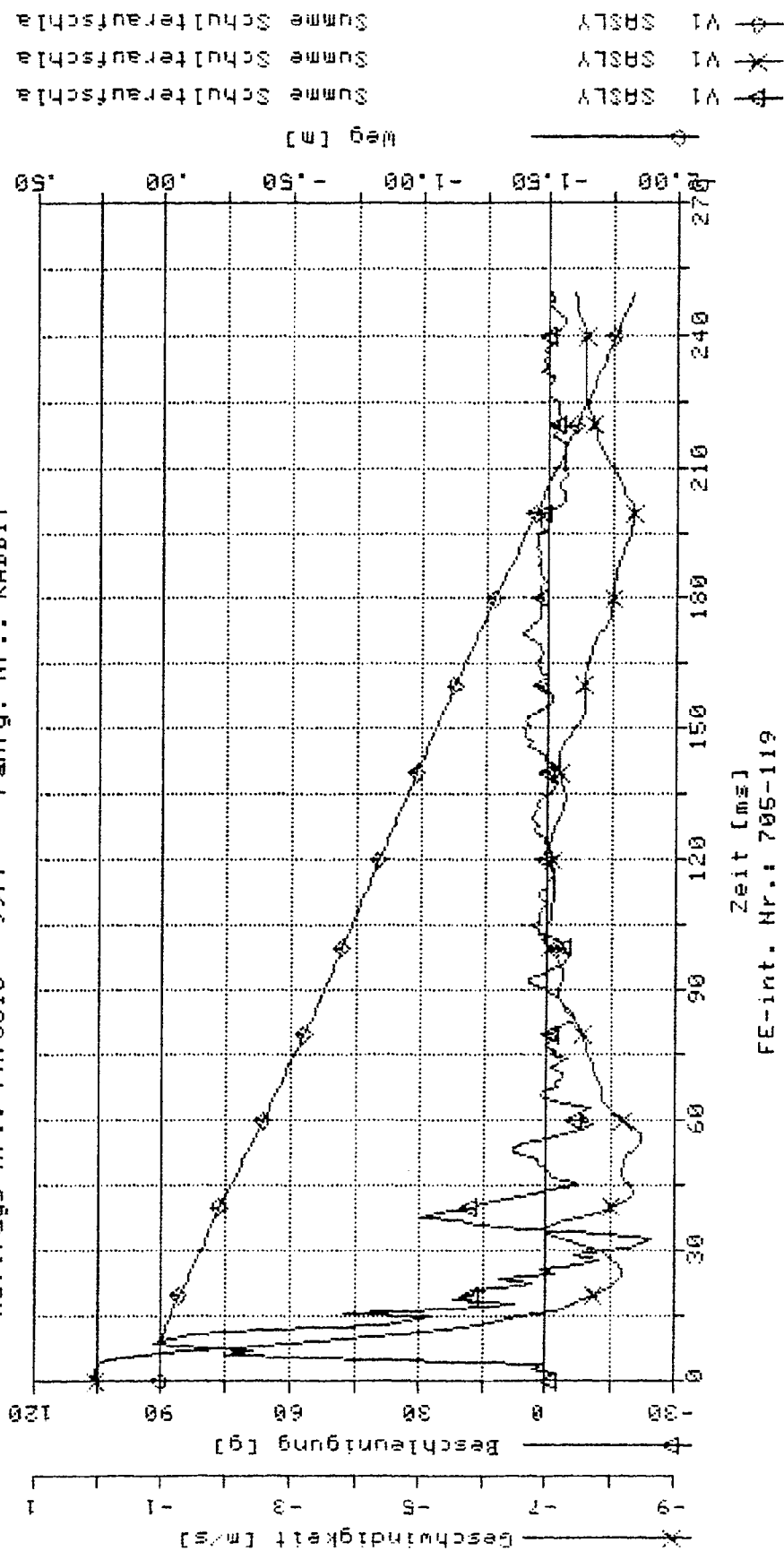
Zeit [ms]  
 FE-int. Nr.: 705-119

C

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t      | 3MS   |
|----|-------------|------------------------|----------|--------|-------|
|    |             | Groesse                |          | Extr.  |       |
| V1 | SASLY       | Summe Schulteraufschla | BE g     | 91.287 | 79.18 |
| V1 | SASLY       | Summe Schulteraufschla | CE m/s   | -8.487 | 0.00  |
| V1 | SASLY       | Summe Schulteraufschla | WE m     | -1.835 | 250.0 |
|    |             |                        |          |        | 0.00  |

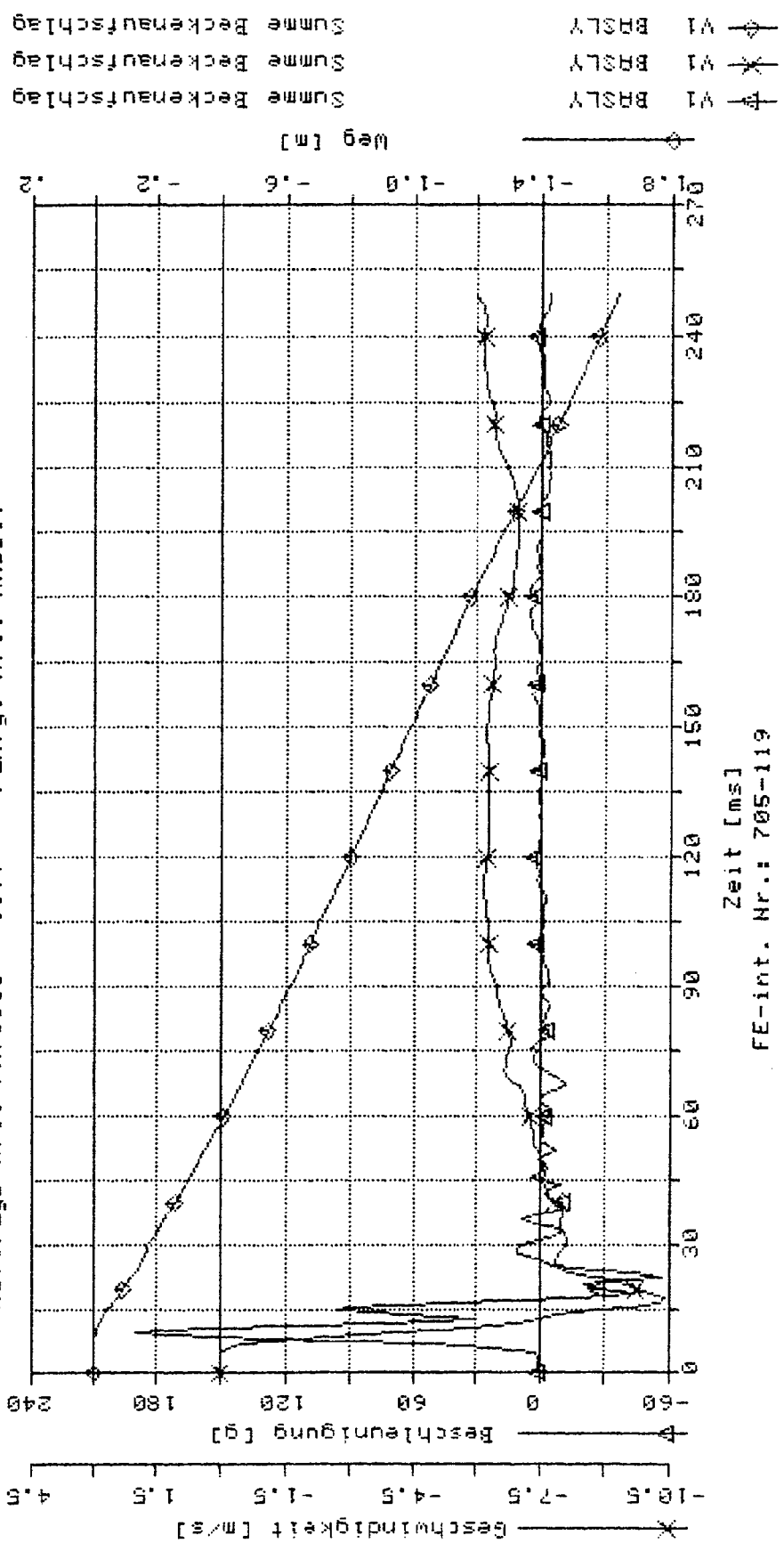
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

| UP | Mess-Stelle | ber.                  | Extremum | r       | 3MS   |
|----|-------------|-----------------------|----------|---------|-------|
| V1 | BASLY       | Summe Beckenaufschlag | BE g     | 190.595 | 10.0  |
| V1 | BASLY       | Summe Beckenaufschlag | GE m/s   | -10.410 | 18.0  |
| V1 | BASLY       | Summe Beckenaufschlag | WE m     | -1.640  | 250.0 |
|    |             |                       |          |         | 96.68 |
|    |             |                       |          |         | 0.00  |
|    |             |                       |          |         | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

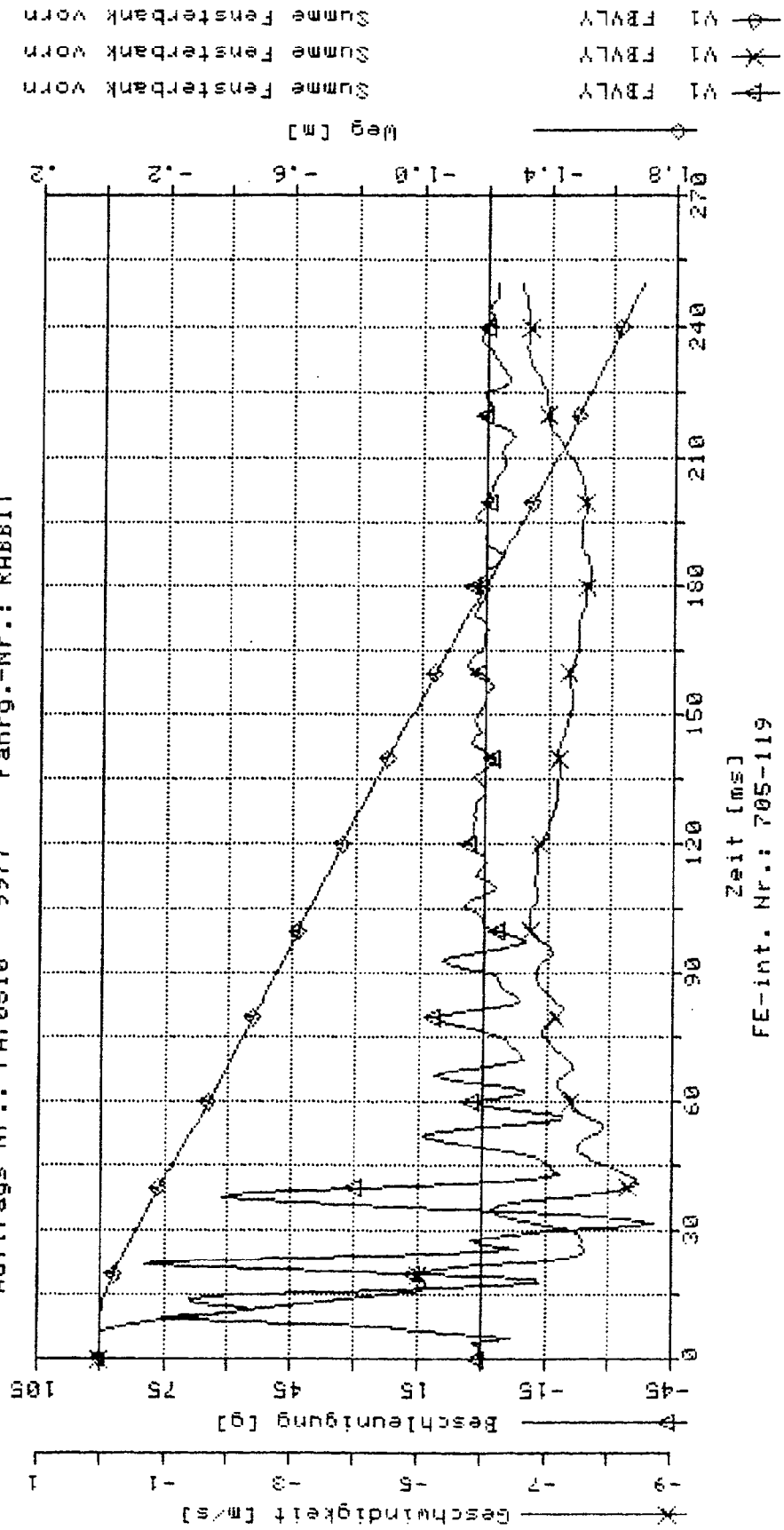


FE-int. Nr.: 705-119

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t      | 3MS   |
|----|-------------|------------------------|----------|--------|-------|
| V1 | FBVLY       | Summe Fensterbank vorn | BE g     | 79.415 | 68.70 |
| V1 | FBVLY       | Summe Fensterbank vorn | GE m/s   | -8.476 | 0.00  |
| V1 | FBVLY       | Summe Fensterbank vorn | WE m     | -1.693 | 0.00  |

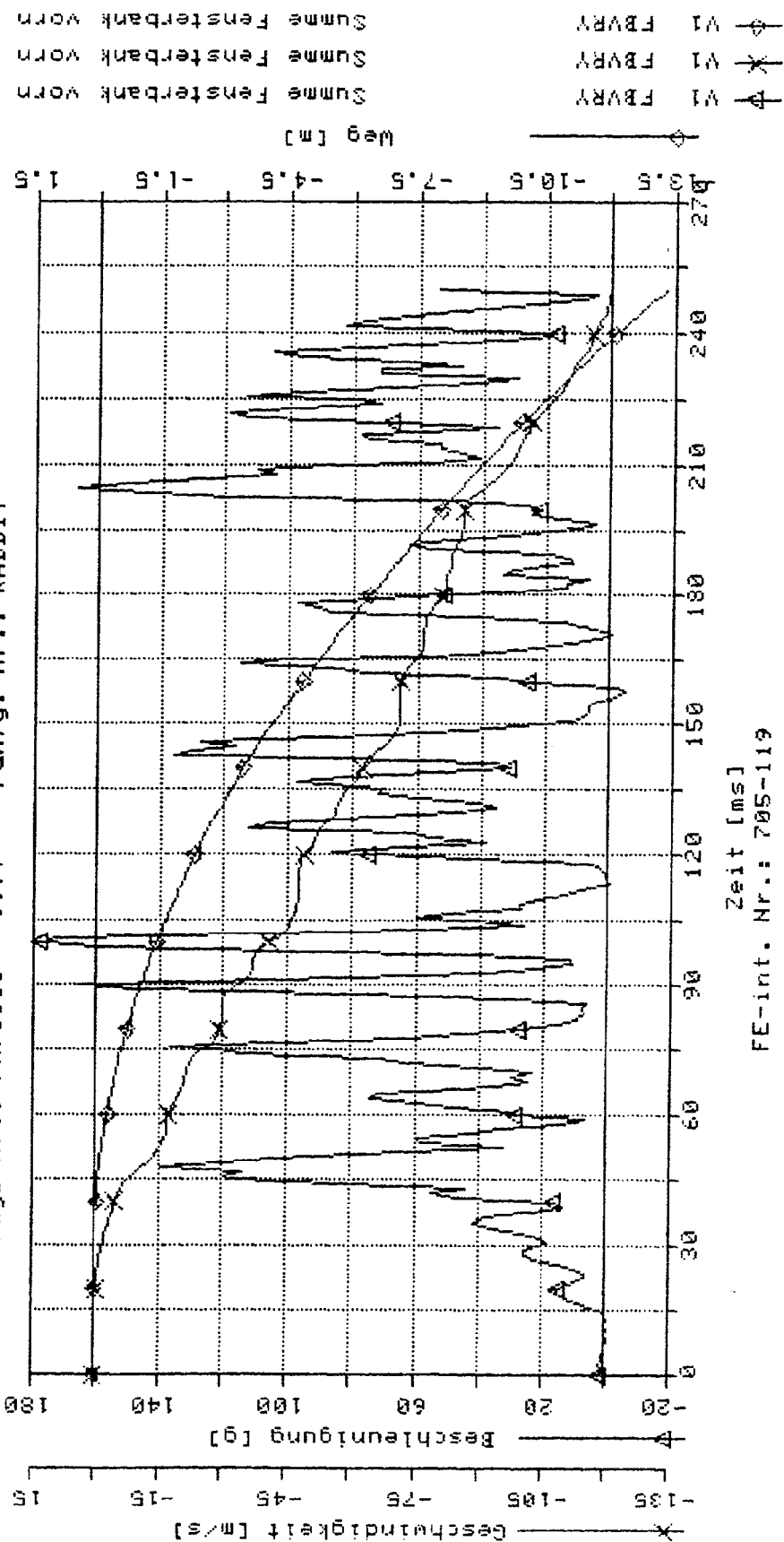
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                   | Extremum | t       | 3MS    |
|----|-------------|------------------------|----------|---------|--------|
| V1 | FBURY       | Summe Fensterbank vorn | BE g     | 177.045 | 164.79 |
| V1 | FBURY       | Summe Fensterbank vorn | CE m/s   | -120.01 | 0.00   |
| V1 | FBURY       | Summe Fensterbank vorn | WE m     | -13.300 | 0.00   |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

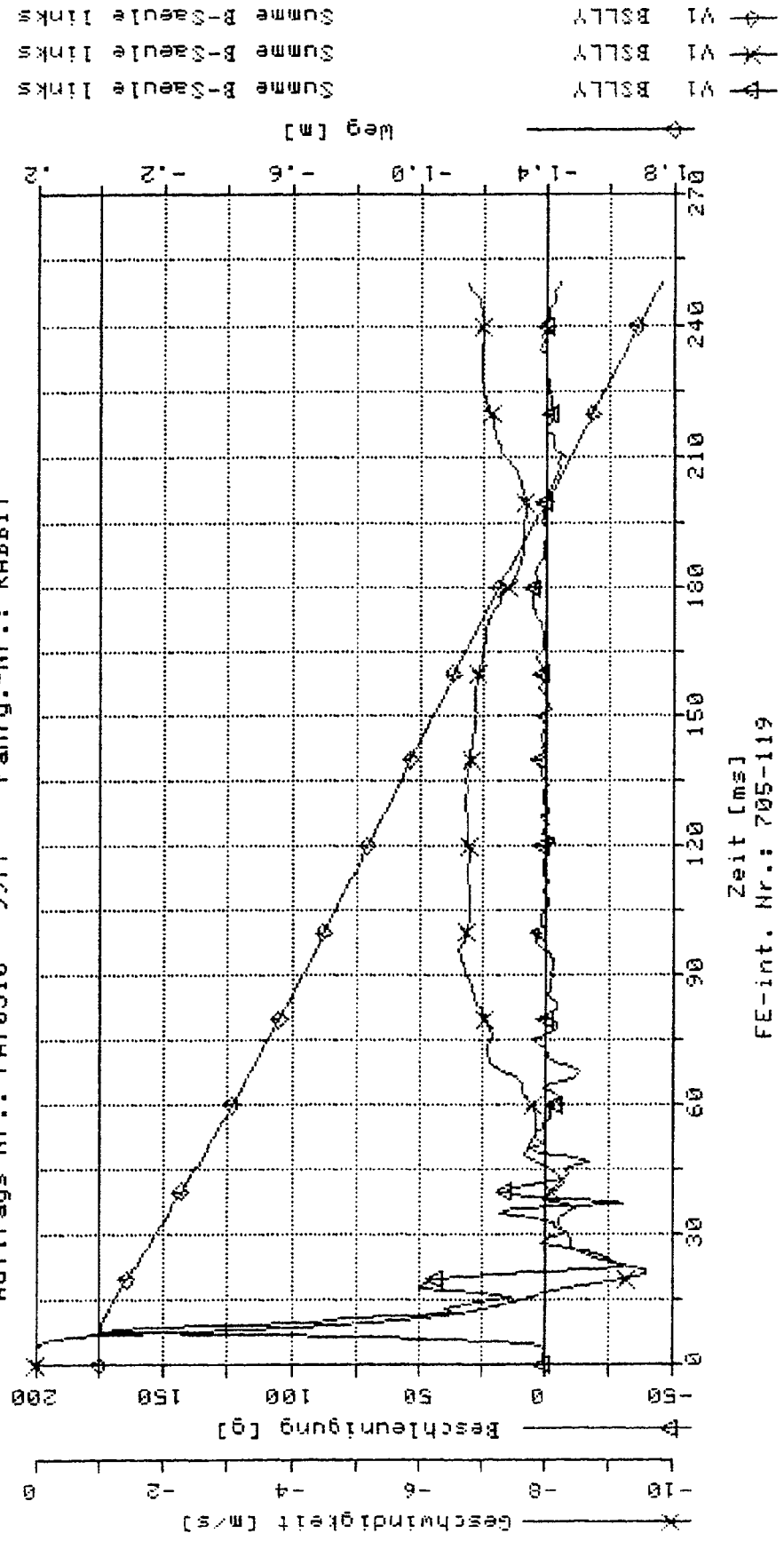




Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                 | Extremum | t       | 3MS   |
|----|-------------|----------------------|----------|---------|-------|
|    |             | Groesse              |          | Extr.   |       |
| V1 | BSLLY       | Summe B-Saeule links | BE g     | 174.027 | 8.0   |
| V1 | BSLLY       | Summe B-Saeule links | GE m/s   | -9.581  | 22.0  |
| V1 | BSLLY       | Summe B-Saeule links | WE m     | -1.757  | 250.0 |

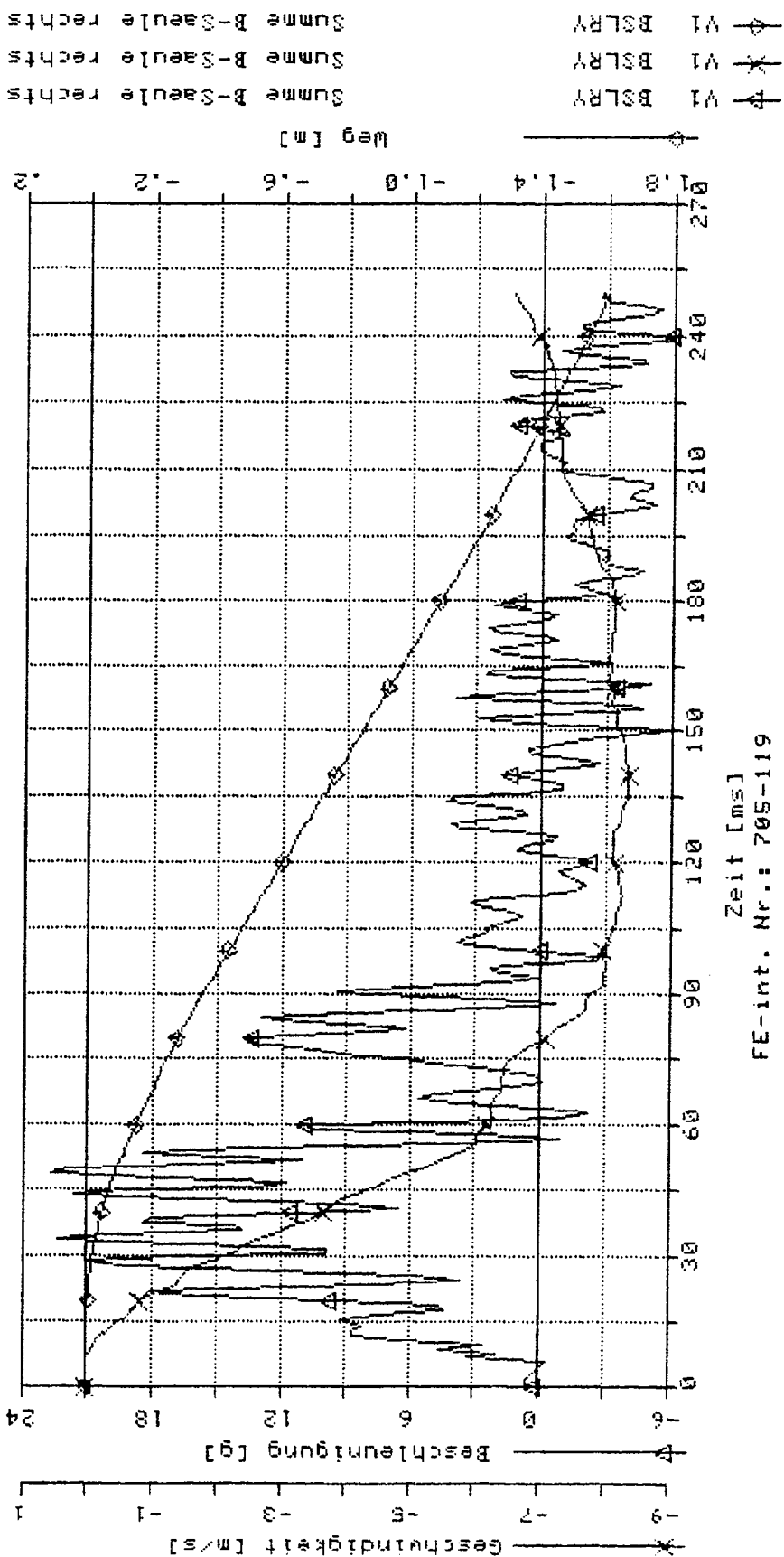
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                  | Extremum | t      | 3MS   |
|----|-------------|-----------------------|----------|--------|-------|
|    |             | Groesse               |          | Extr.  |       |
| V1 | RSLRY       | Summe B-Saeule rechts | BE g     | 22.684 | 21.58 |
| V1 | BSLRY       | Summe B-Saeule rechts | GE m/s   | -8.349 | 0.00  |
| V1 | BSLRY       | Summe B-Saeule rechts | WE m     | -1.604 | 0.00  |

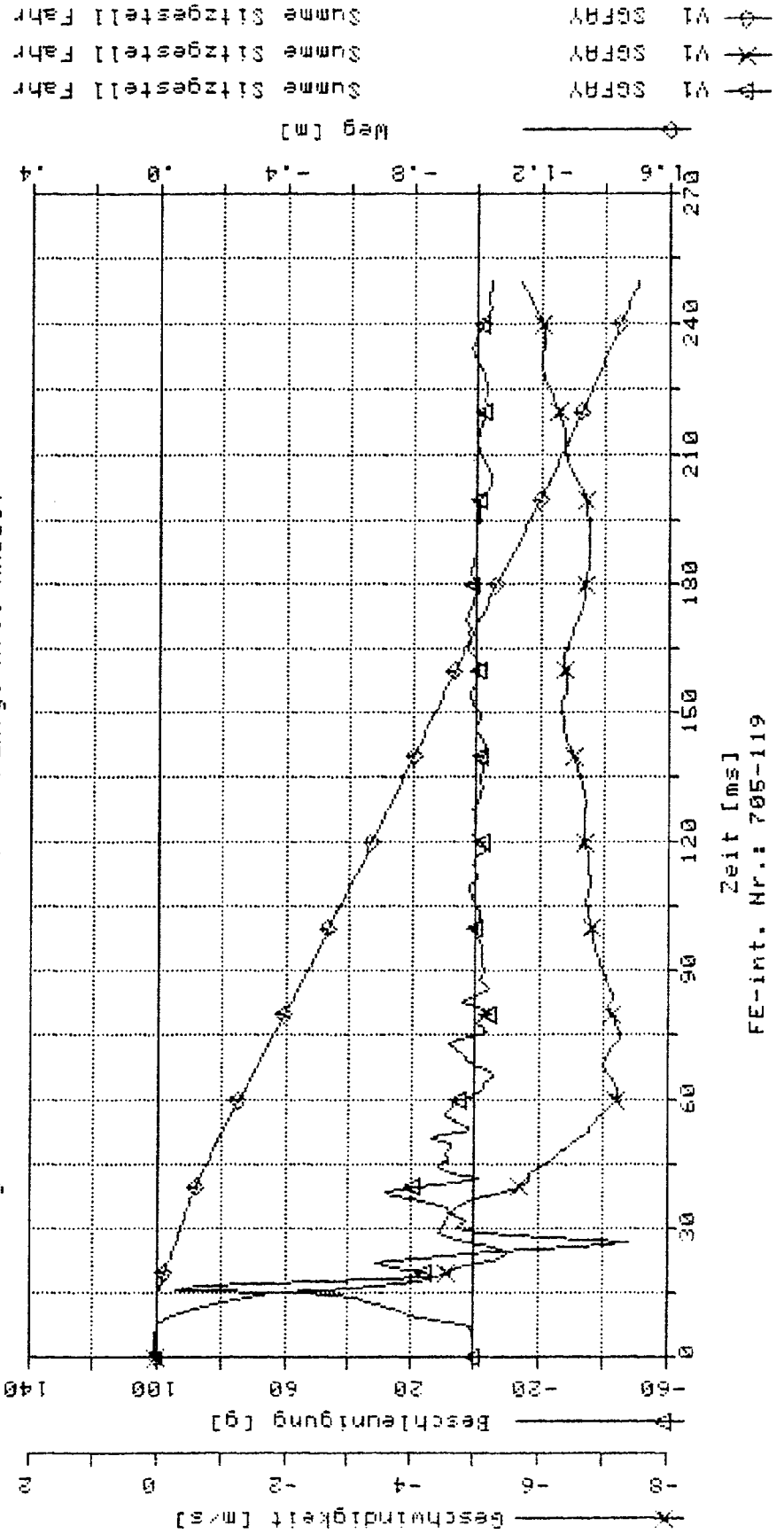
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

| UP | Mess-Stelle | ber.              | Extremum | t      | 3MS    |
|----|-------------|-------------------|----------|--------|--------|
| V1 | SGFAY       | Summe Sitzgestell | Fahr     | BE g   | 94.330 |
| V1 | SGFAY       | Summe Sitzgestell | Fahr     | GE m/s | -7.277 |
| V1 | SGFAY       | Summe Sitzgestell | Fahr     | WE m   | -1.505 |
|    |             |                   |          | Extr.  | 48.39  |
|    |             |                   |          |        | 16.0   |
|    |             |                   |          |        | 75.0   |
|    |             |                   |          |        | 250.0  |
|    |             |                   |          |        | 0.00   |
|    |             |                   |          |        | 0.00   |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

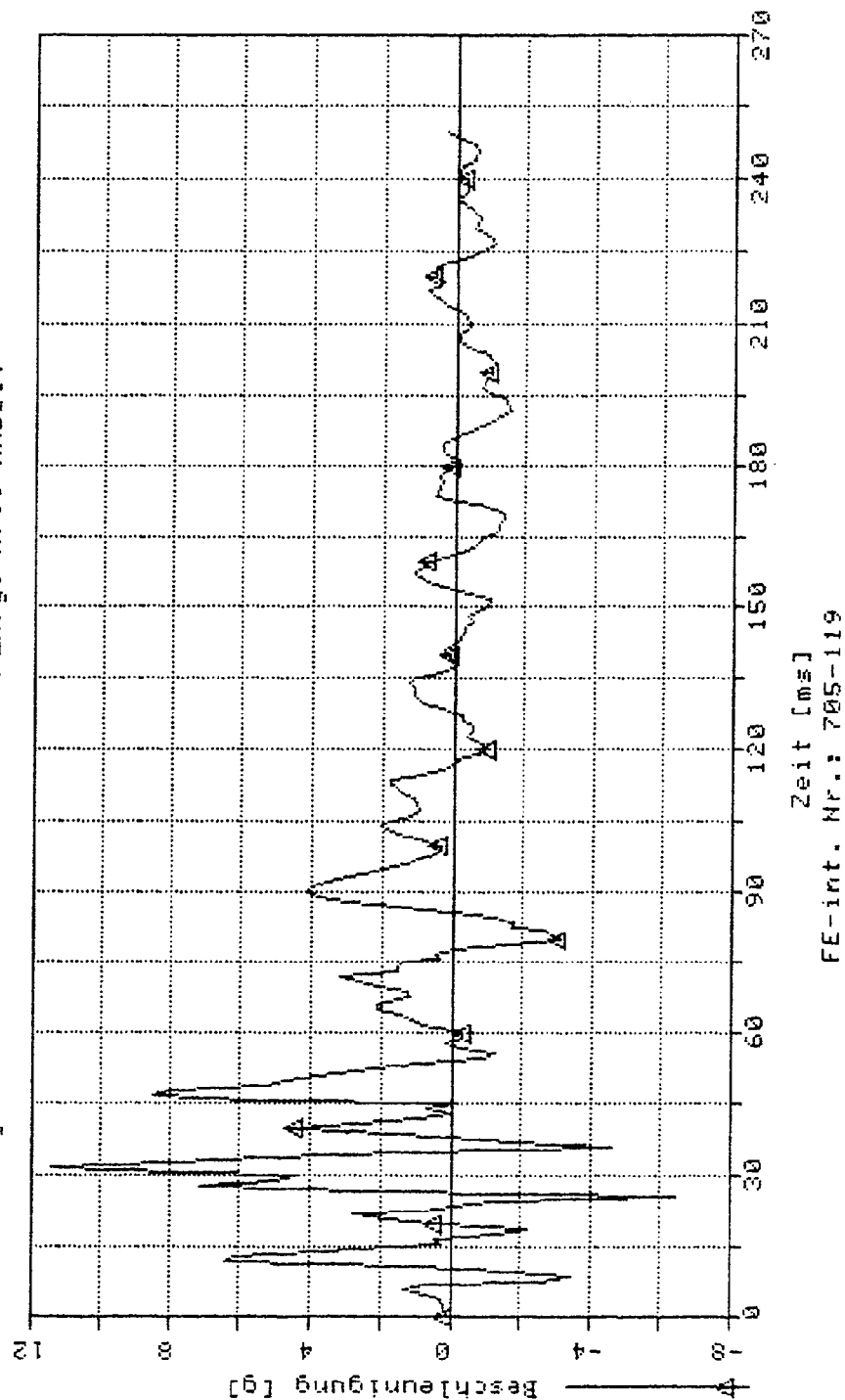


Zeit [ms]  
 FE-int. Nr.: 705-119

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

|    |                  |                        |          |        |      |
|----|------------------|------------------------|----------|--------|------|
| UP | Mess-Stelle..... | ber.                   | Extremum | t      | 3MS  |
| V1 | RTMIX            | Summe Rahmentunnel mi. | Groesse  | Extr.  |      |
|    |                  | BE                     | g        | 11.424 | 32.0 |
|    |                  |                        |          |        | 7.73 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



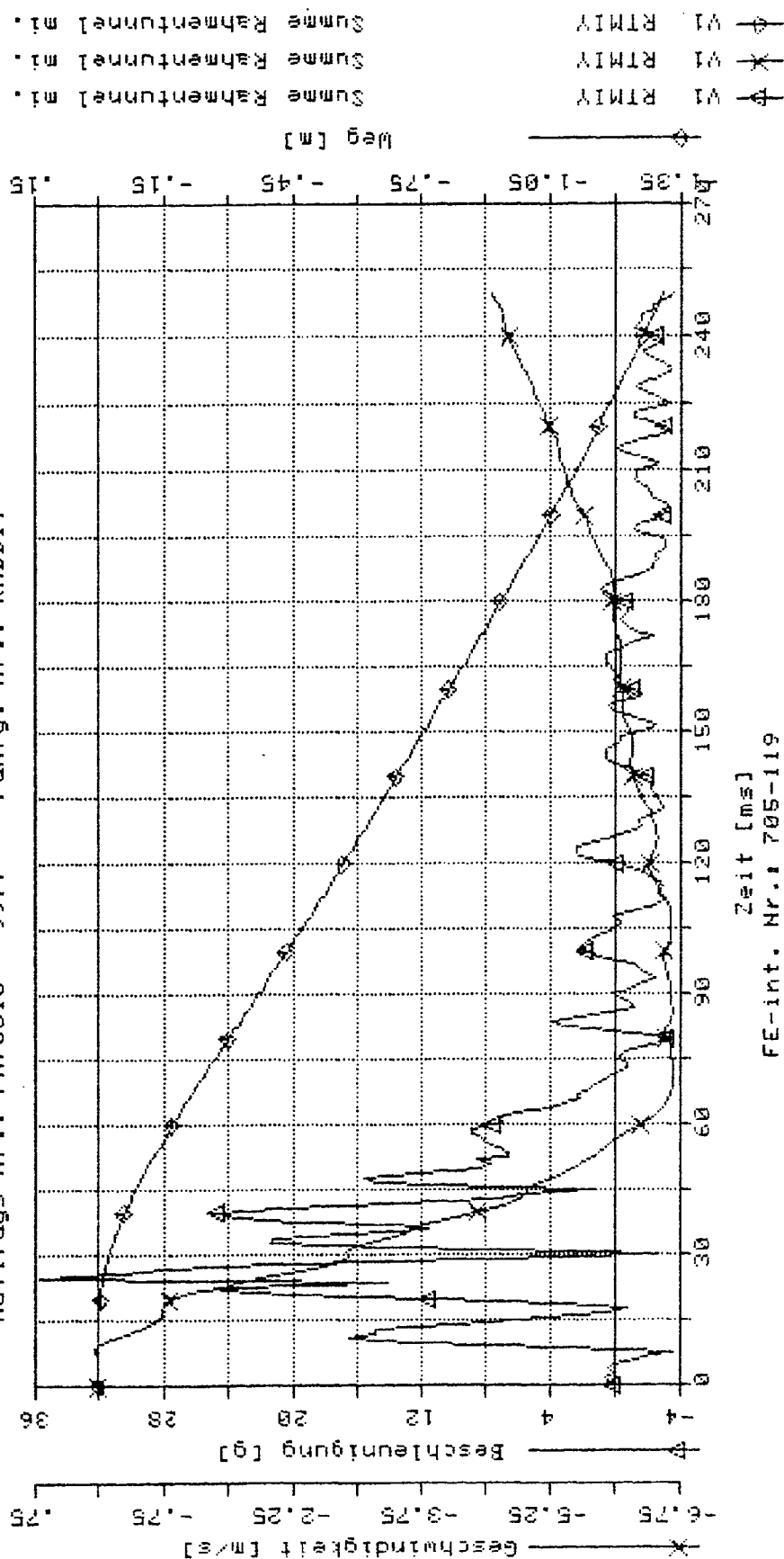
Summe Rahmentunnel mi.

V1 RTMIX

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.                  | Extremum | t      | 3MS   |
|----|-------------|-----------------------|----------|--------|-------|
| V1 | RTMIY       | Summe Rahmentunnel m. | BE g     | 35.710 | 25.0  |
| V1 | RTMIY       | Summe Rahmentunnel m. | GE m/s   | -6.682 | 72.0  |
| V1 | RTMIY       | Summe Rahmentunnel m. | WE m     | -1.309 | 250.0 |
|    |             |                       |          |        | 24.64 |
|    |             |                       |          |        | 0.00  |
|    |             |                       |          |        | 0.00  |

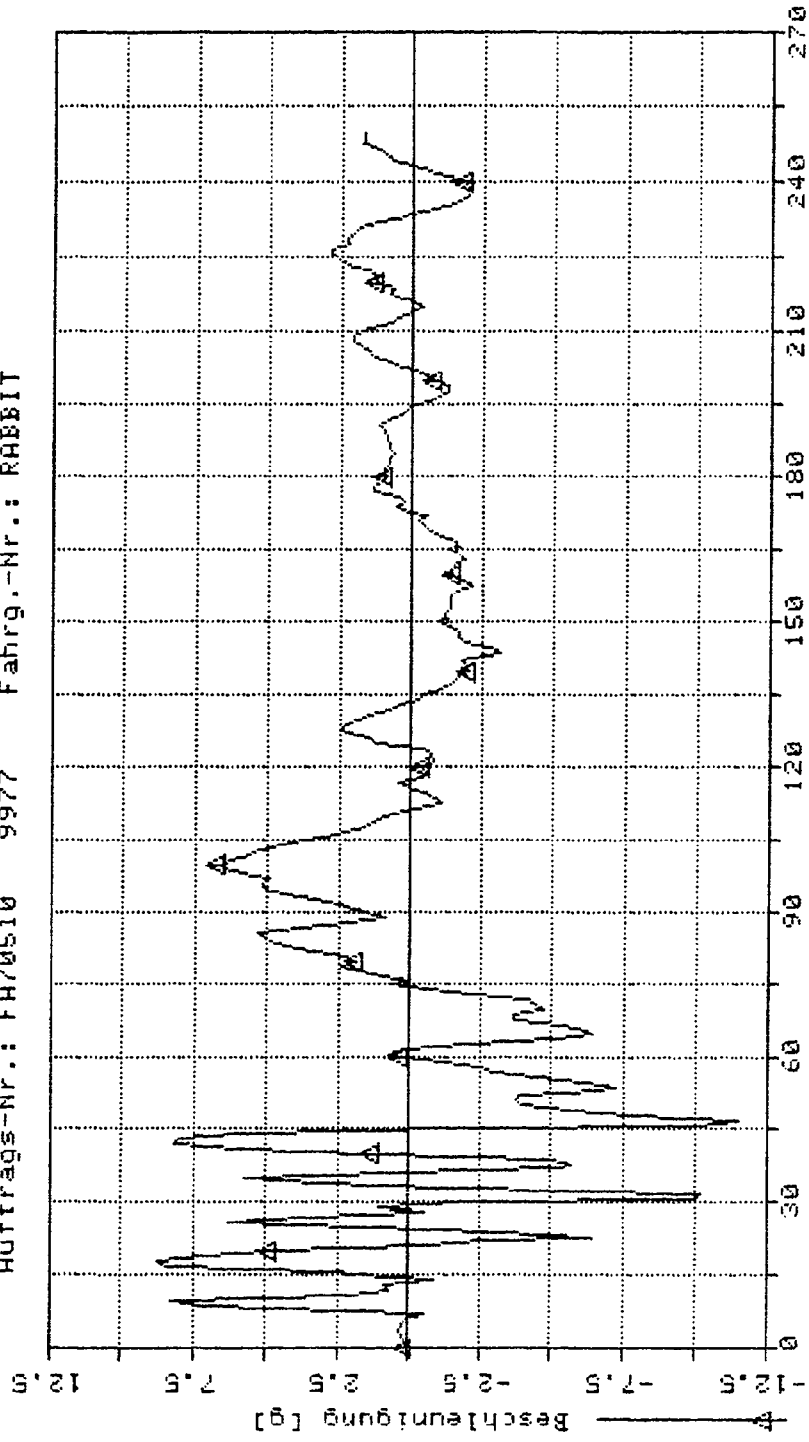
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 RTMIZ Summe Rahmentunnel mi. KE g -11.515 47.0 9.99

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Zeit [ms]  
 FE-int. Nr.: 705-119

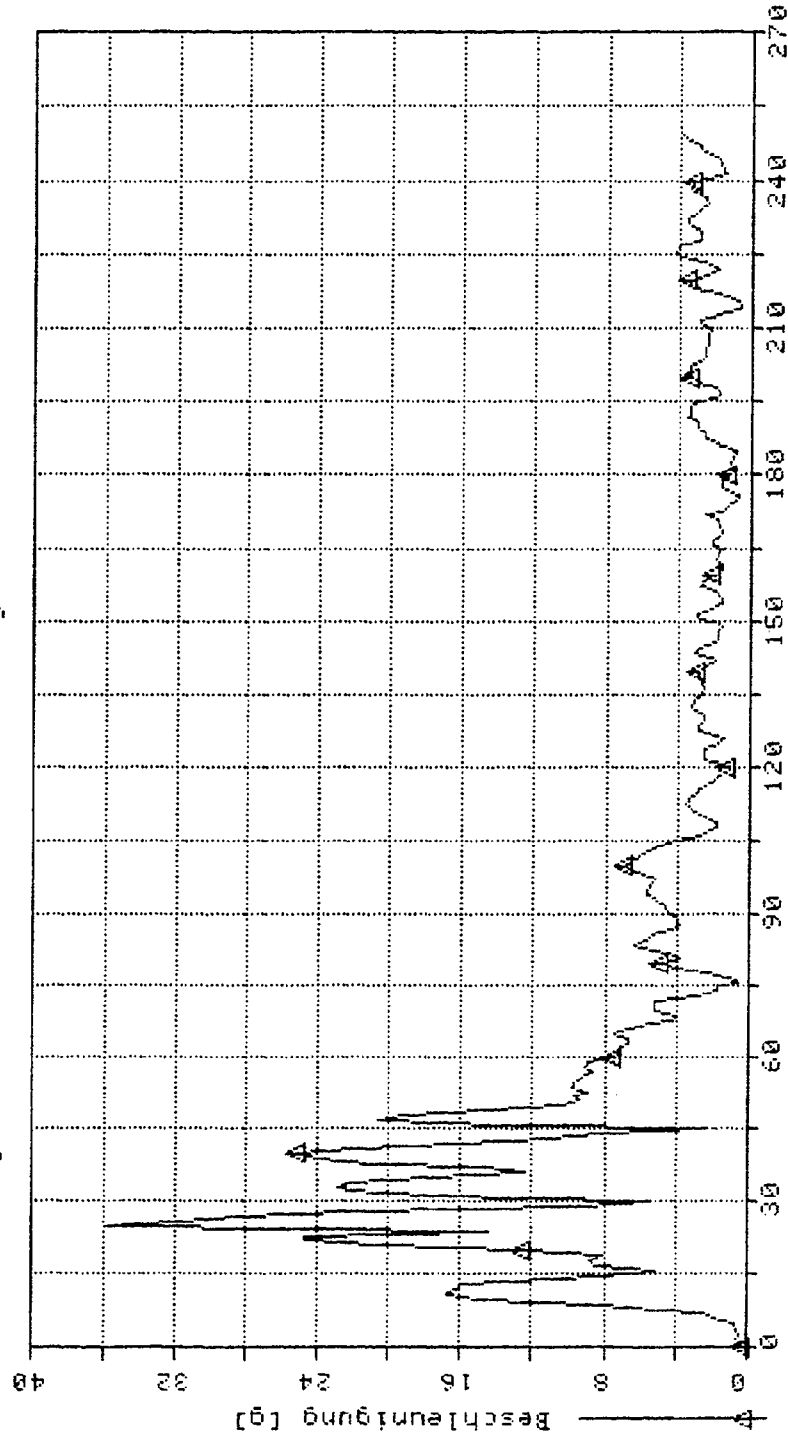
Summe Rahmentunnel mi.

4 V1 RTMIZ

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 RTMI X Y Z Summe Rahmentunnel mi. BE g 35.767 25.0 25.05

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Zeit [ms]  
 FE-int. Nr.: 705-119

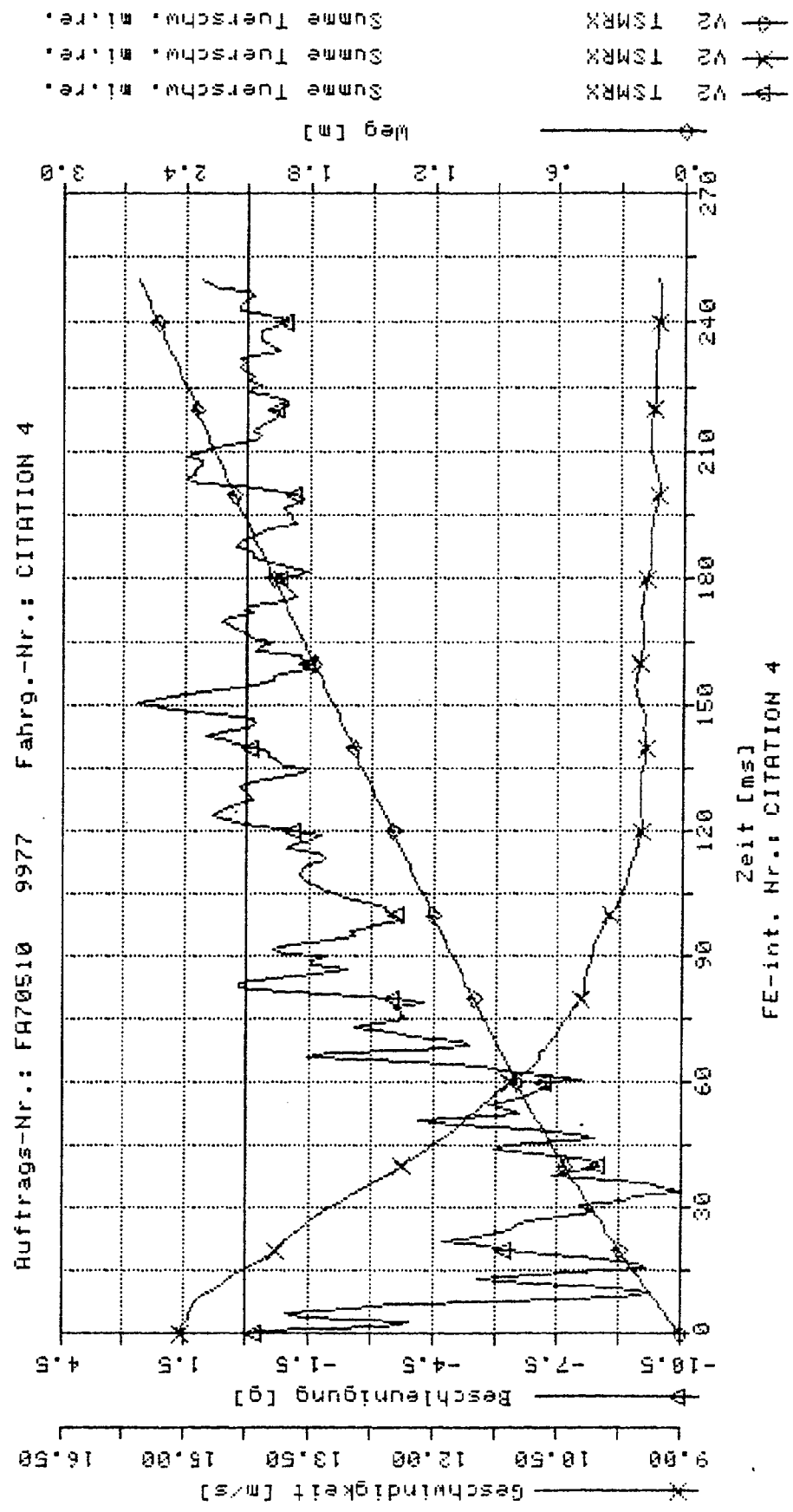
Summe Rahmentunnel mi. V1 RTMI X Y Z

BULLET VEHICLE



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

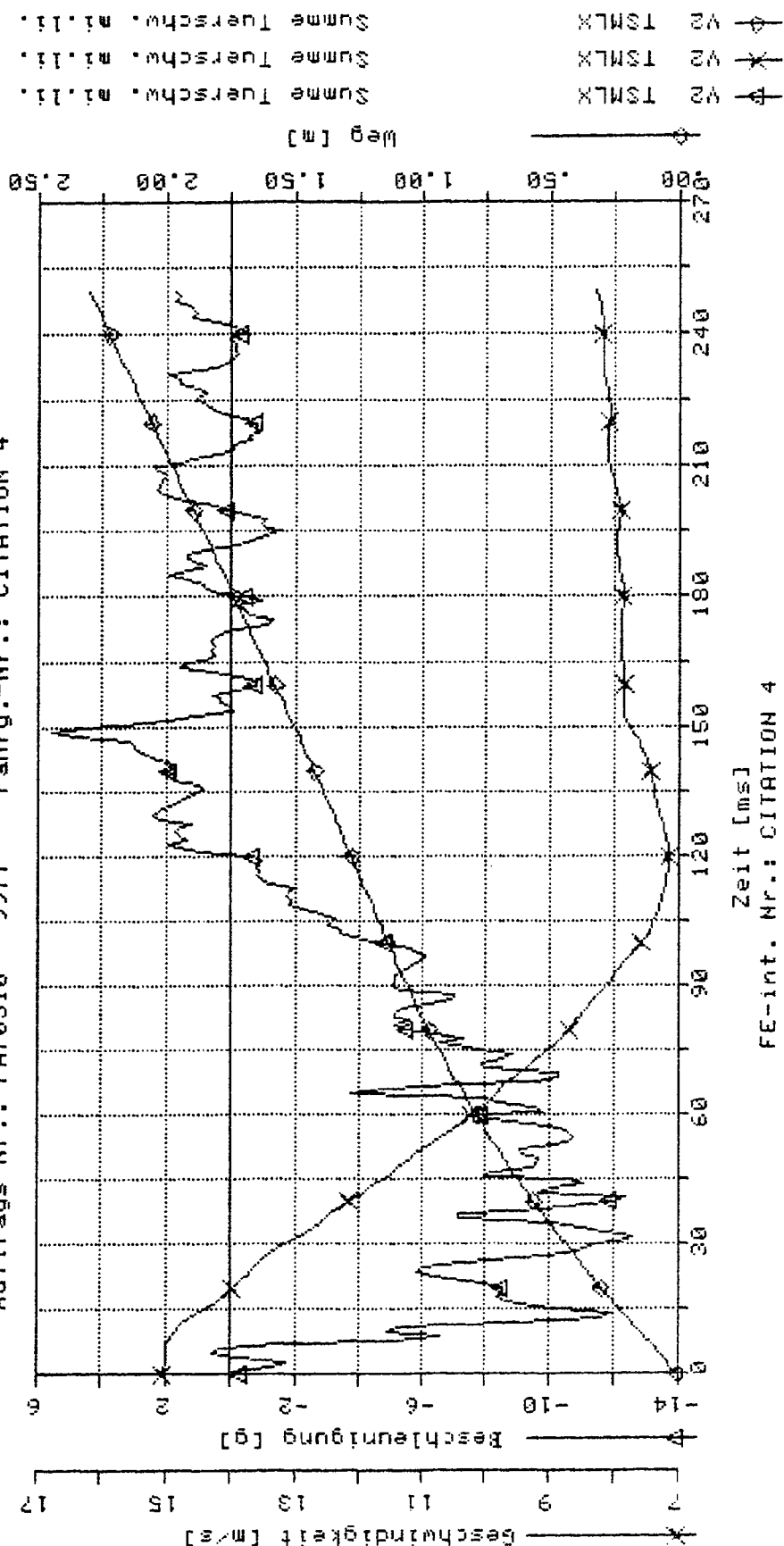
| UP | Mess-Stelle | ber.                    | Extremum | t     | 3MS  |
|----|-------------|-------------------------|----------|-------|------|
| V2 | TSMRX       | Summe Tuerschw. m.l.re. | Groesse  | Extr. |      |
| V2 | TSMRX       | Summe Tuerschw. m.l.re. | BE g     | 34.0  | 9.66 |
| V2 | TSMRX       | Summe Tuerschw. m.l.re. | GE m/s   | -1.0  | 0.00 |
| V2 | TSMRX       | Summe Tuerschw. m.l.re. | WE m     | 2.620 | 0.00 |



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

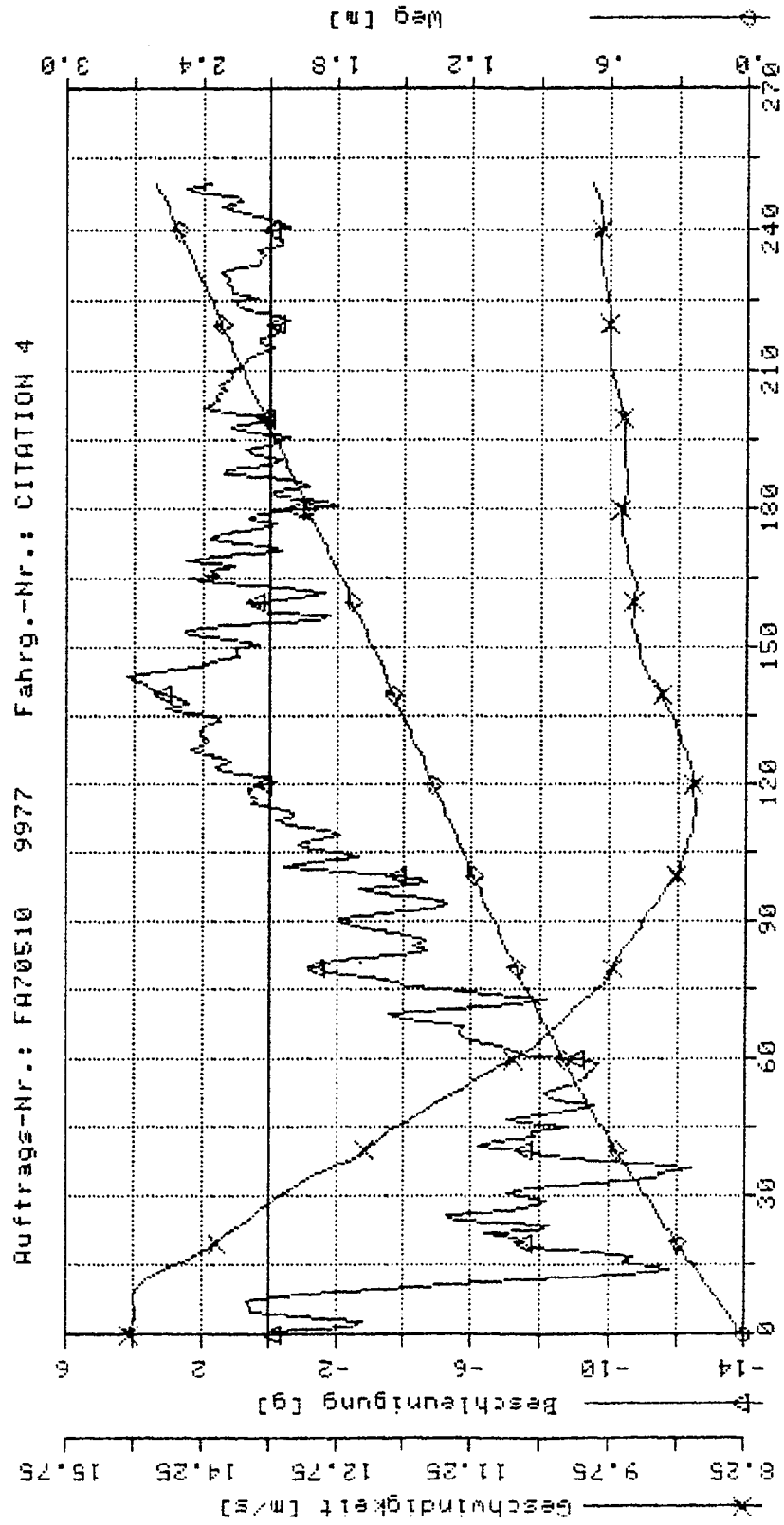
| UP | Mess-Stelle | ber.                   | Extremum | t     | 3MS   |
|----|-------------|------------------------|----------|-------|-------|
| V2 | TSMLX       | Summe Tverschw. mi.li. | Groesse  | Extr. |       |
| V2 | TSMLX       | Summe Tverschw. mi.li. | BE g     | 32.0  | 11.95 |
| V2 | TSMLX       | Summe Tverschw. mi.li. | GE m/s   | -1.0  | 0.00  |
| V2 | TSMLX       | Summe Tverschw. mi.li. | WE m     | 2.298 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

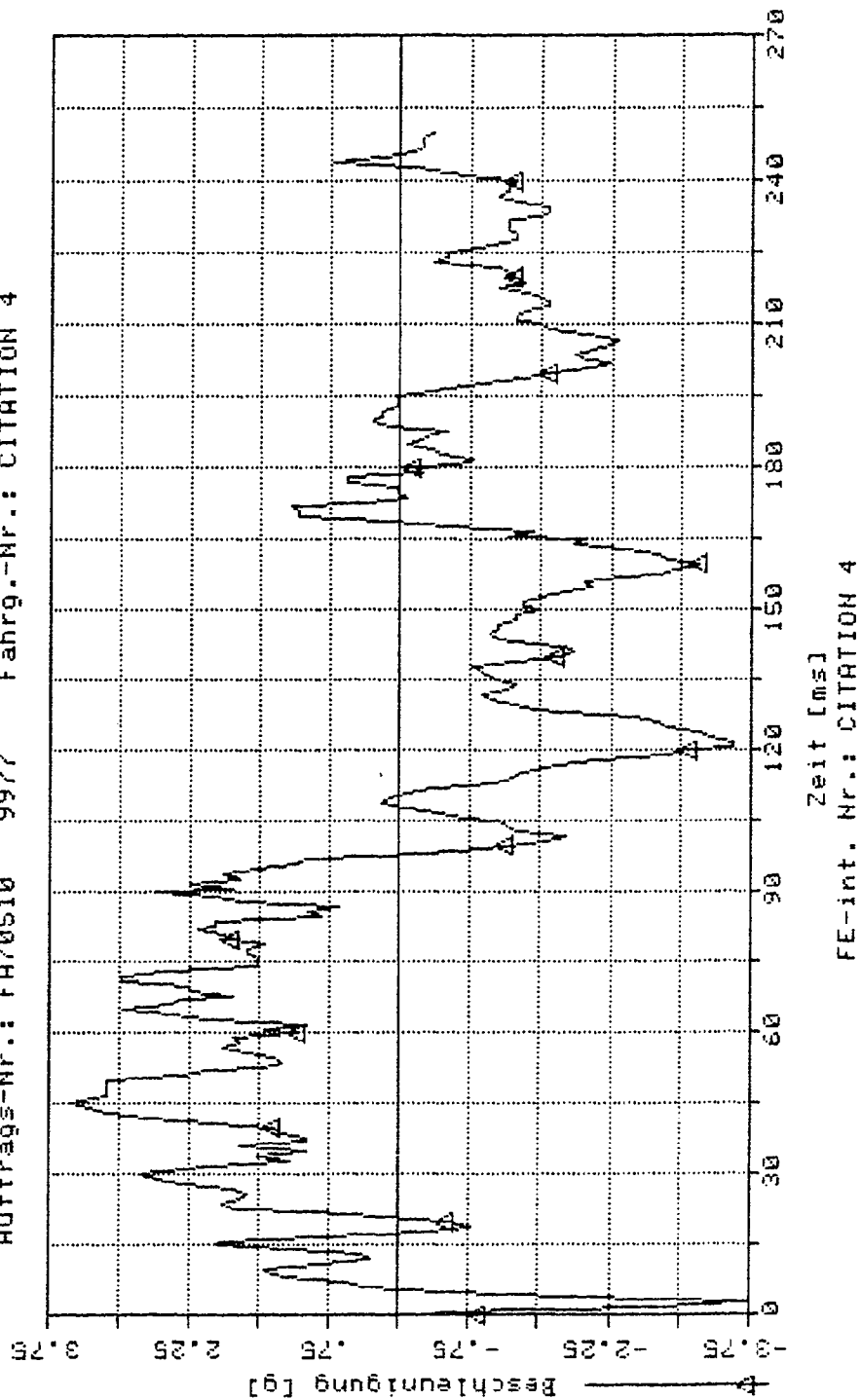
| UP | Mess-Stelle | ber.                   | Extremum | t     | 3MS   |
|----|-------------|------------------------|----------|-------|-------|
|    |             | Groesse                |          | Extr. |       |
| V2 | KOMIX       | Summe Kofferraum Mitte | BE g     | 36.0  | 11.41 |
| V2 | KOMIX       | Summe Kofferraum Mitte | GE m/s   | -1.0  | 0.00  |
| V2 | KOMIX       | Summe Kofferraum Mitte | WE m     | 250.0 | 0.00  |



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

UP Mess-Stelle..... ber. Extremum t 3MS  
 V2 KOMIY Summe Kofferraum Mitte BE g -3.738 3.0 3.49

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



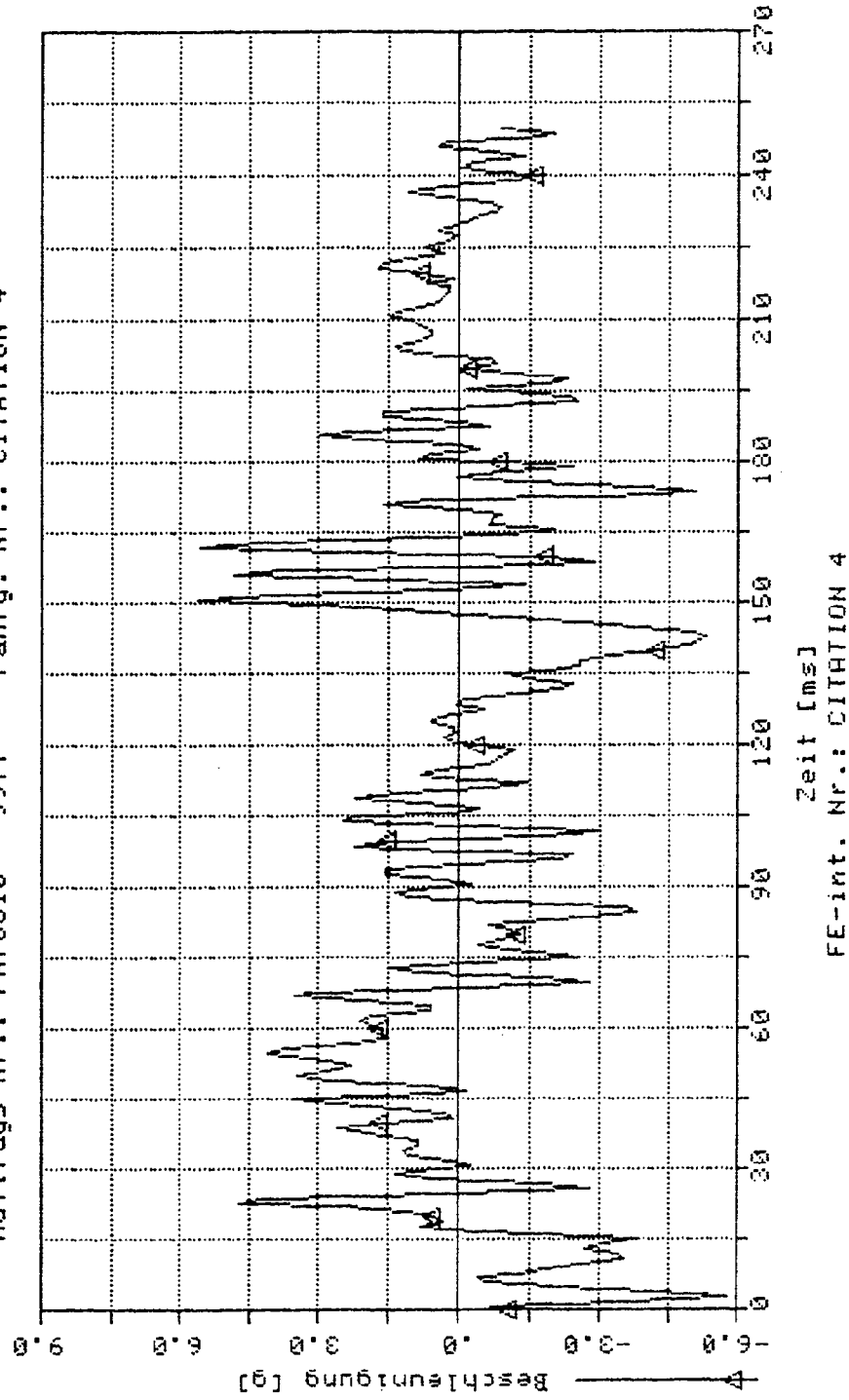
Summe Kofferraum Mitte

V2 KOMIY

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. NR.: CITATION 4

UP Mess-Stelle..... ber. Extremum r 3MS  
 V2 KOMIZ Summe Kofferraum Mitte BE g -5.787 3.0 5.32

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



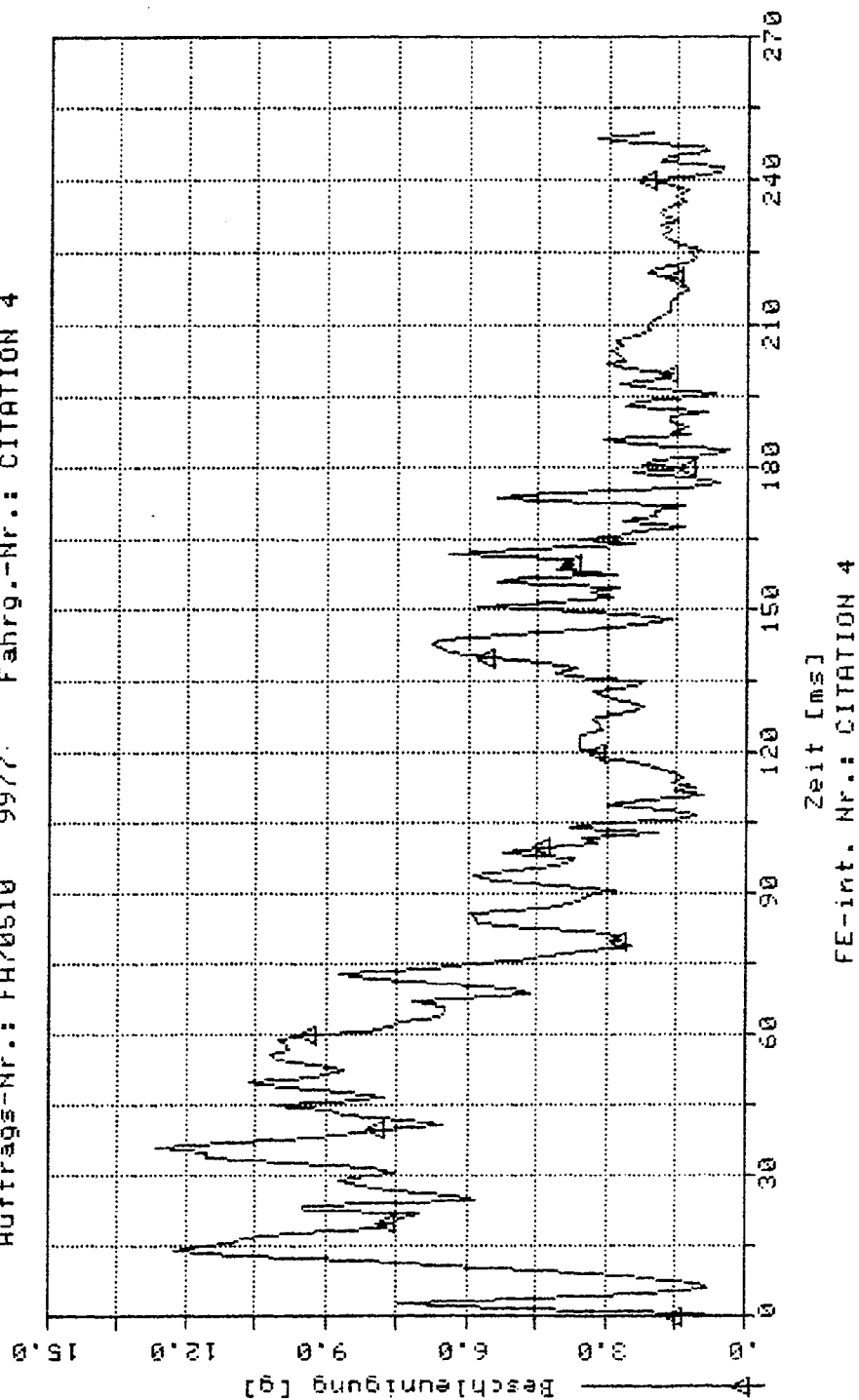
Summe Kofferraum Mitte

V2 KOMIZ 4

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. NR.: CITATION 4

|    |                  |                        |          |       |       |
|----|------------------|------------------------|----------|-------|-------|
| UP | Mess-Stelle..... | ber.                   | Extremum | t     | 3MS   |
| V2 | KOMI X Y Z       | Summe Kofferraum Mitte | Groesse  | Extr. |       |
|    |                  | BE                     | g        | 36.0  | 11.56 |

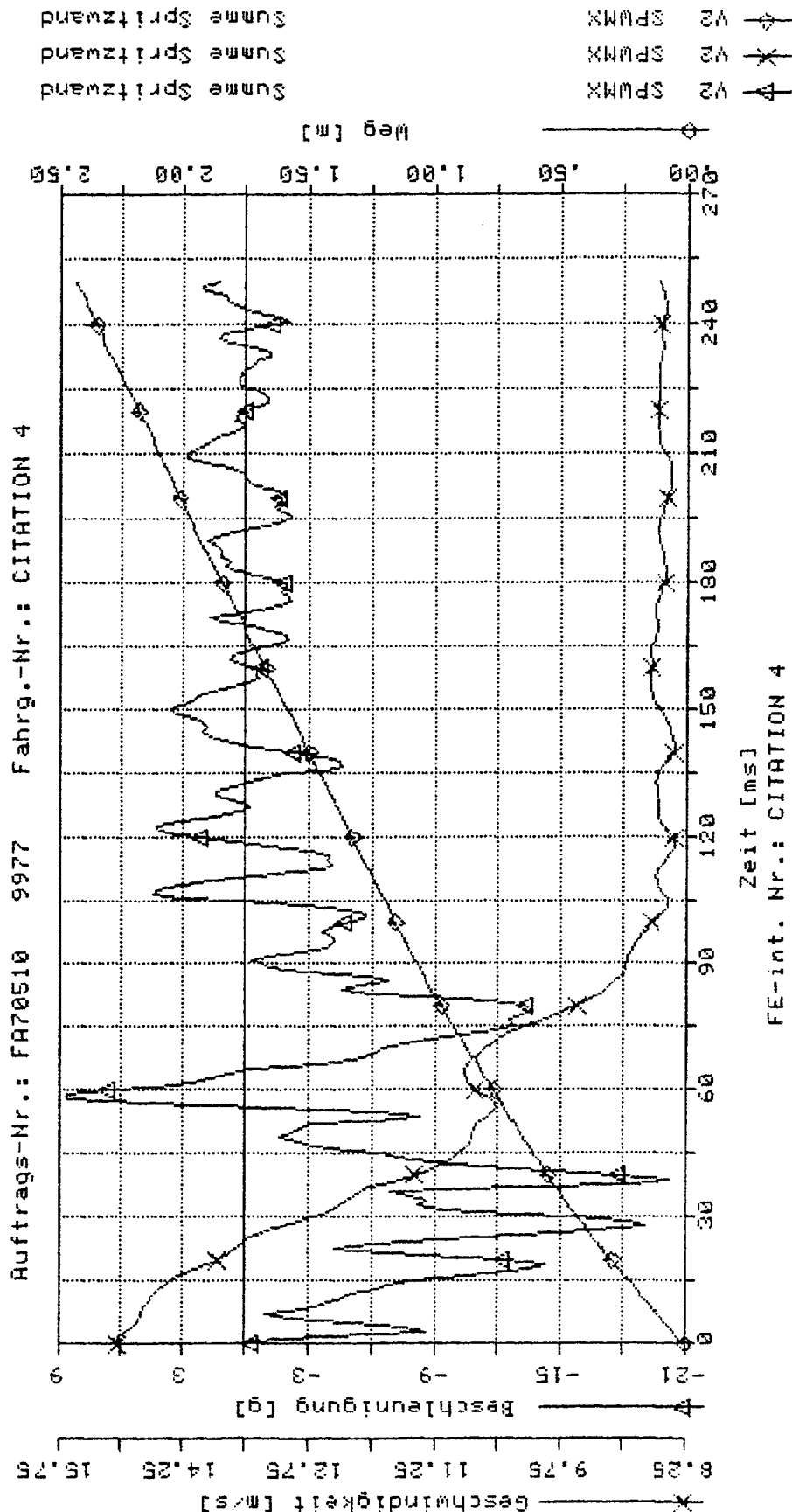
Auftrags-Nr.: FA70510 9977. Fahrg.-Nr.: CITATION 4



Summe Kofferraum Mitte  
 KOMI X Y Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

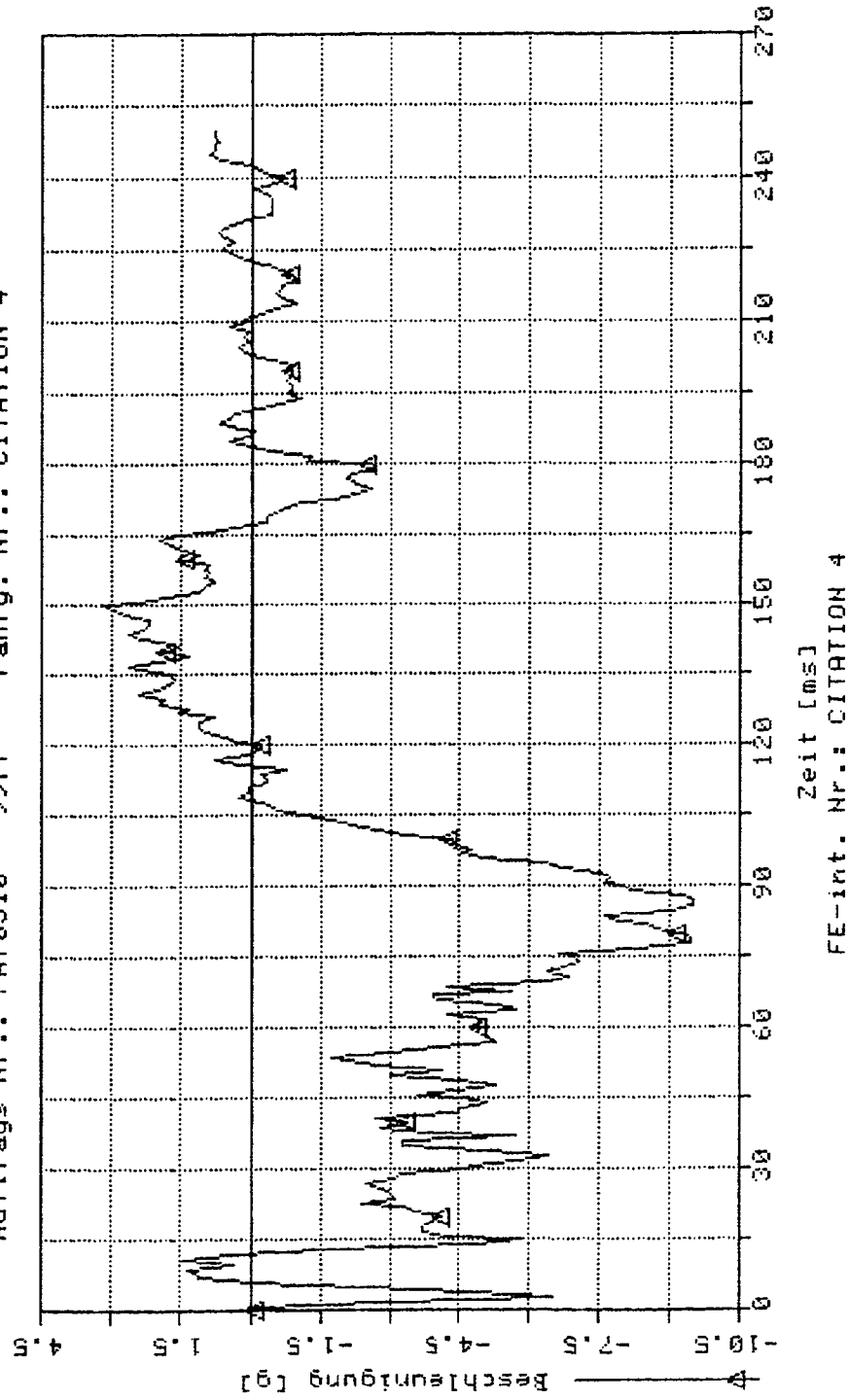
| UP | Mess-Stelle | ber.             | Extremum | t     | 3MS   |
|----|-------------|------------------|----------|-------|-------|
| V2 | SPWMX       | Summe Spritzwand | BE g     | 39.0  | 18.29 |
| V2 | SPWMX       | Summe Spritzwand | GE m/s   | -1.0  | 0.00  |
| V2 | SPWMX       | Summe Spritzwand | WE m     | 250.0 | 0.00  |



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

UP Mess-Stelle..... ber. Extremum t 3MS  
 V2 SPWMY Summe Spritzwand BE g -9.525 Extr. 86.0 9.31

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4

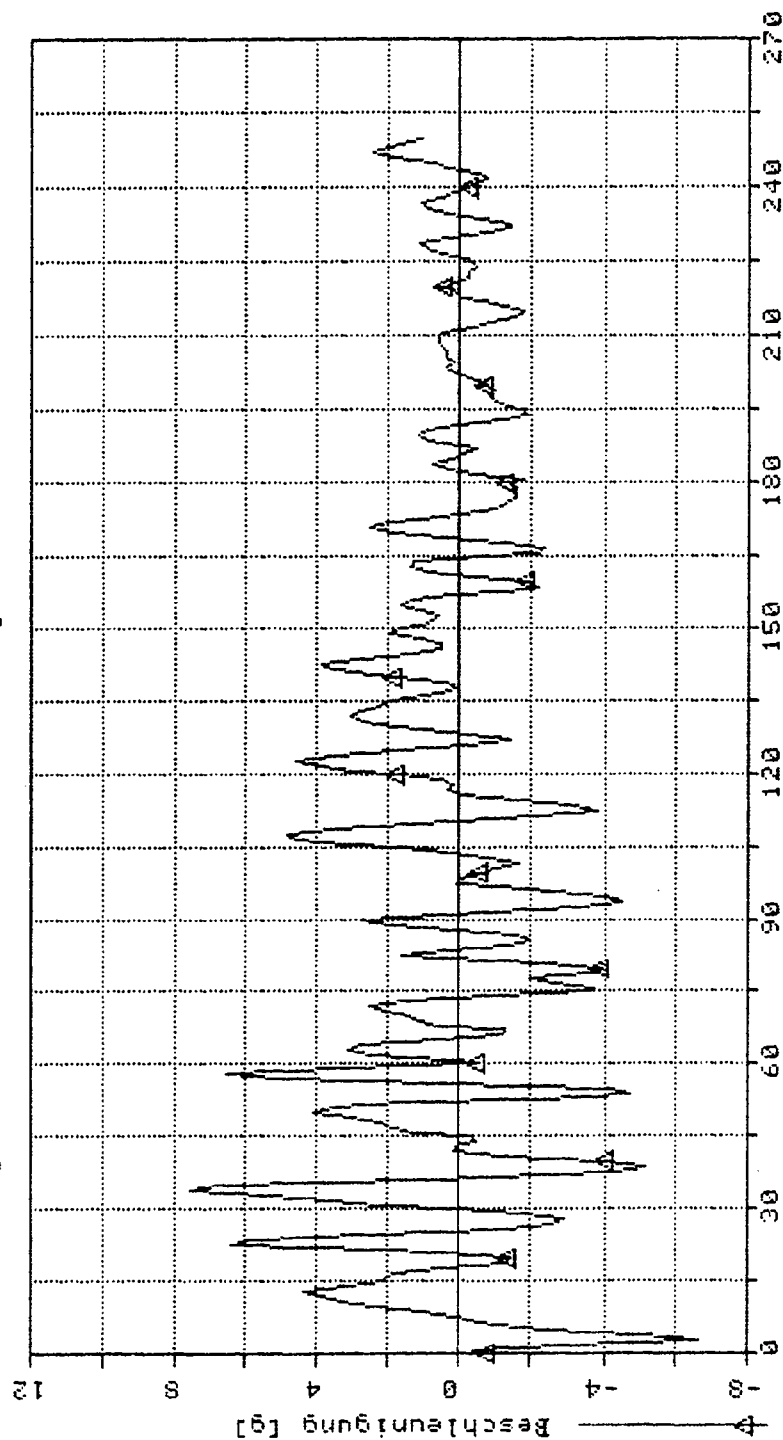




Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

|    |             |                  |          |       |      |
|----|-------------|------------------|----------|-------|------|
| UP | Mess-Stelle | ber.             | Extremum | t     | 3MS  |
| V2 | SPWMZ       | Summe Spritzwand | BE g     | 7.570 | 34.0 |
|    |             |                  |          |       | 6.56 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



Zeit [ms]  
 FE-int. Nr.: CITATION 4

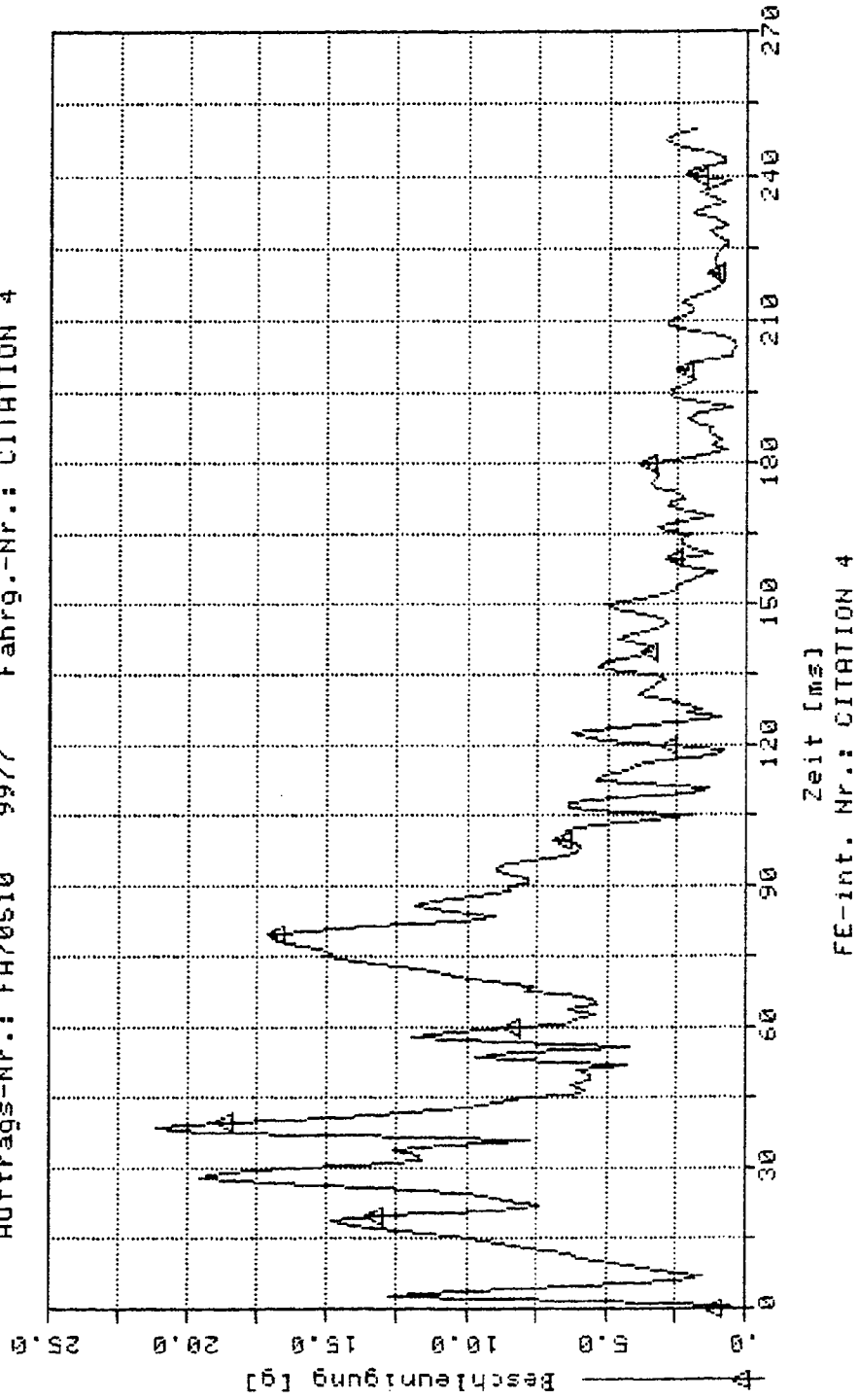
Summe Spritzwand

V2 SPWMZ

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

|    |                  |                  |          |       |       |
|----|------------------|------------------|----------|-------|-------|
| UP | Mess-Stelle..... | ber.             | Extremum | t     | 3MS   |
| V2 | SPWM X Y Z       | Summe Spritzwand | Grösse   | Extr. |       |
|    |                  | BE g             | 21.152   | 39.0  | 18.66 |

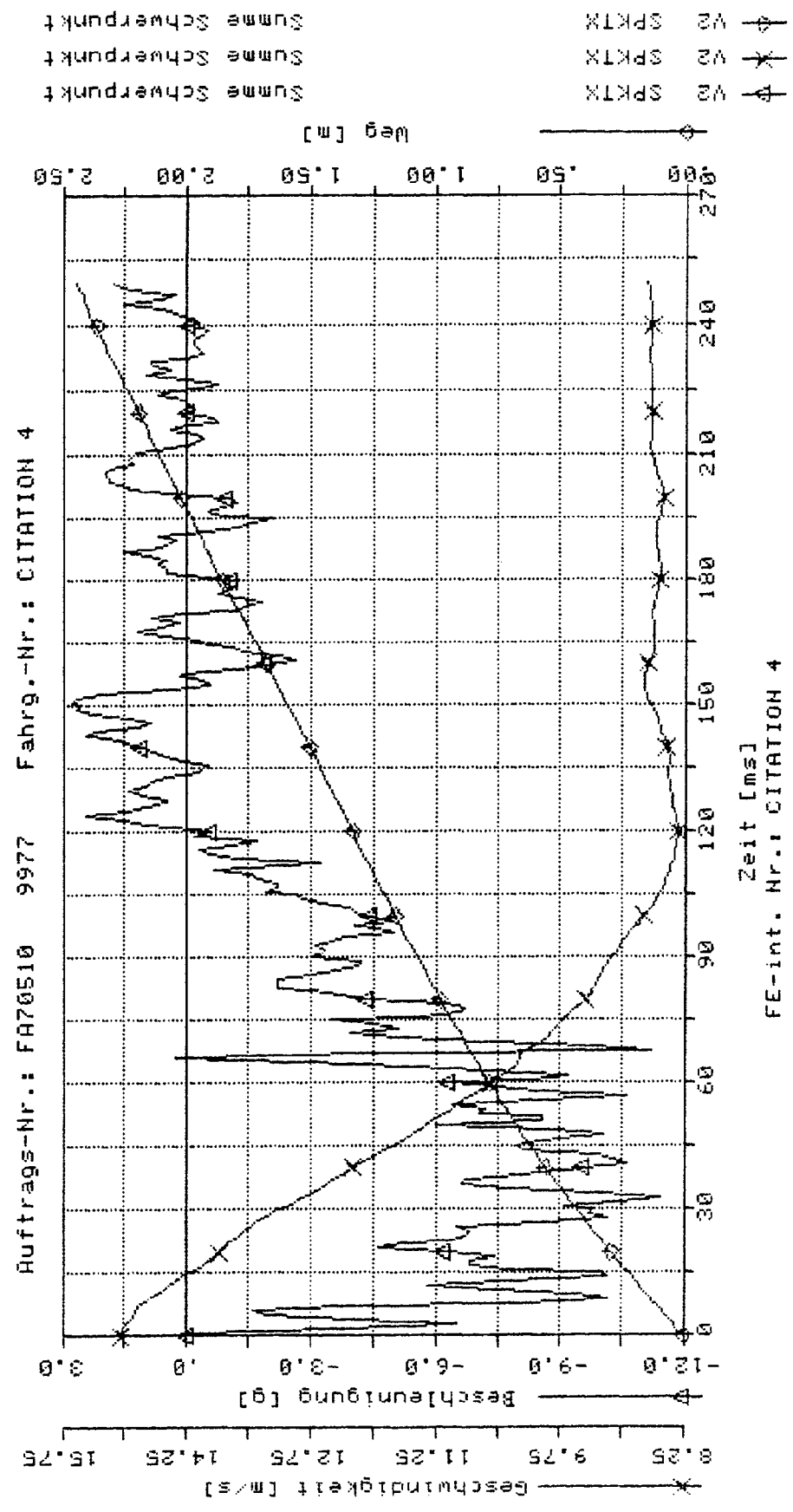
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



Summe Spritzwand

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

| UP | Mess-Stelle | ber.              | Extremum | t     | 3MS   |
|----|-------------|-------------------|----------|-------|-------|
| V2 | SPKTX       | Summe Schwerpunkt | BE g     | 33.0  | 10.40 |
| V2 | SPKTX       | Summe Schwerpunkt | GE m/s   | -1.0  | 0.00  |
| V2 | SPKTX       | Summe Schwerpunkt | WE m     | 250.0 | 0.00  |



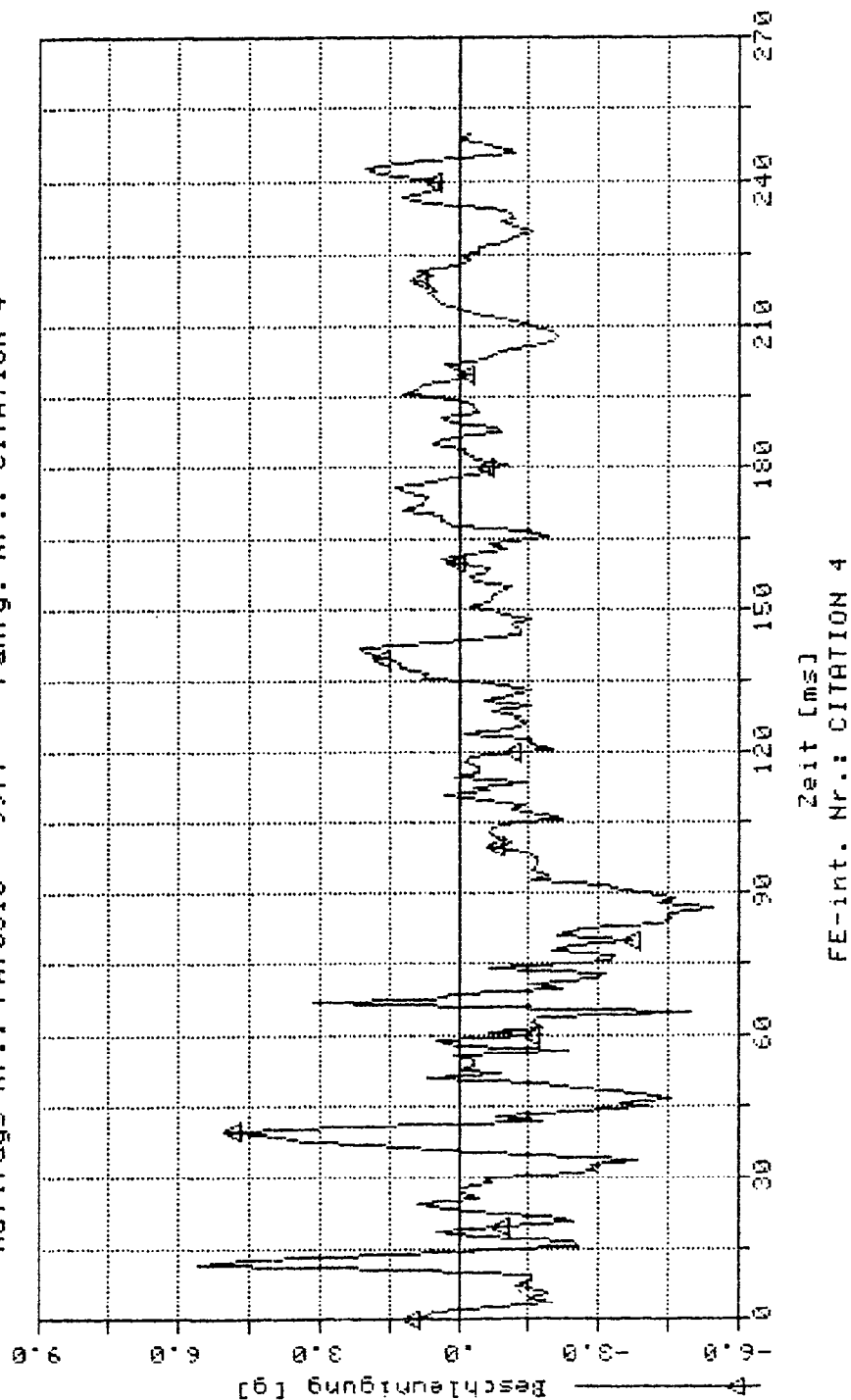
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4

FE-int. Nr.: CITATION 4

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

|    |                  |                   |          |       |      |
|----|------------------|-------------------|----------|-------|------|
| UP | Mess-Stelle..... | ber.              | Extremum | t     | 3MS  |
| V2 | SPKTY            | Summe Schwerpunkt | BE g     | 5.557 | 12.0 |
|    |                  |                   |          |       | 4.75 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



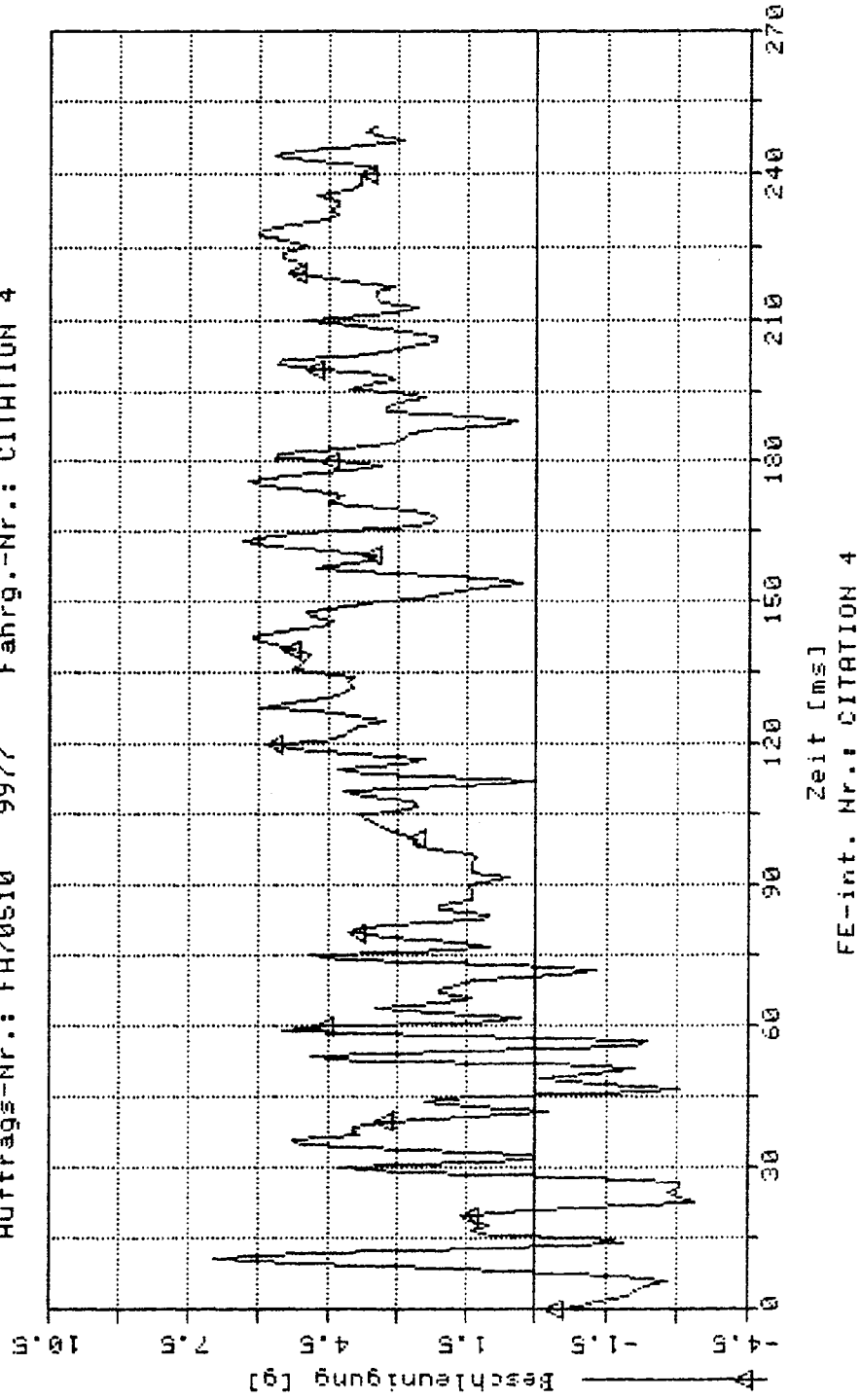
Summe Schwerpunkt

V2 SPKTY

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

|                     |                        |          |      |      |
|---------------------|------------------------|----------|------|------|
| UP Mess-Stelle..... | ber.                   | Extremum | t    | 3MS  |
| V2 SPKTZ            | Summe Schwerpunkt BE g | 6.954    | 11.0 | 6.14 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4

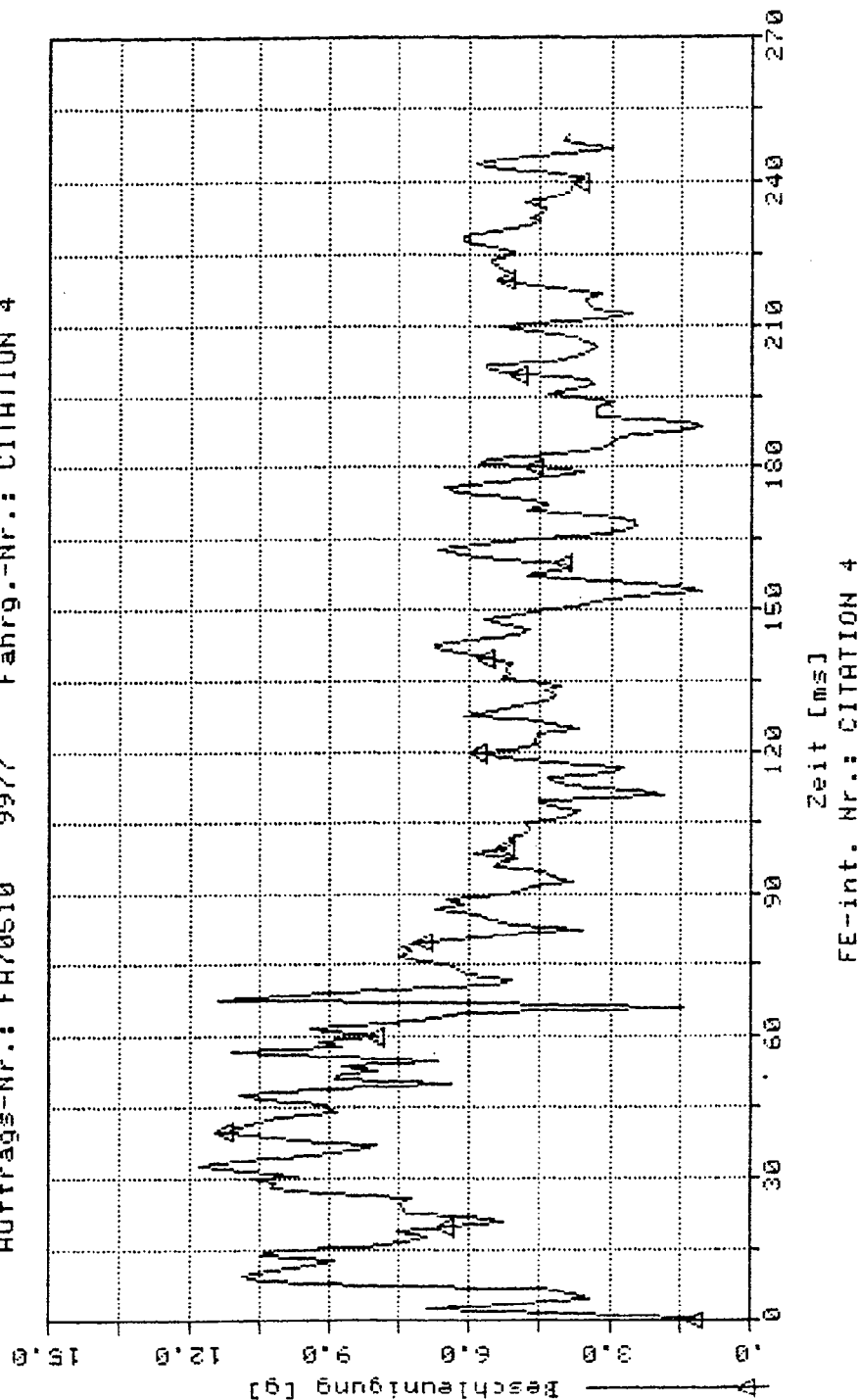


Summe Schwerpunkt V2 SPKTZ

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

|                     |                   |          |       |       |
|---------------------|-------------------|----------|-------|-------|
| UP Mess-Stelle..... | ber.              | Extremum | t     | 3MS   |
| V2 SPKT X Y Z       | Summe Schwerpunkt | Groesse  | Extr. |       |
|                     | BE g              | 11.756   | 33.0  | 11.12 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



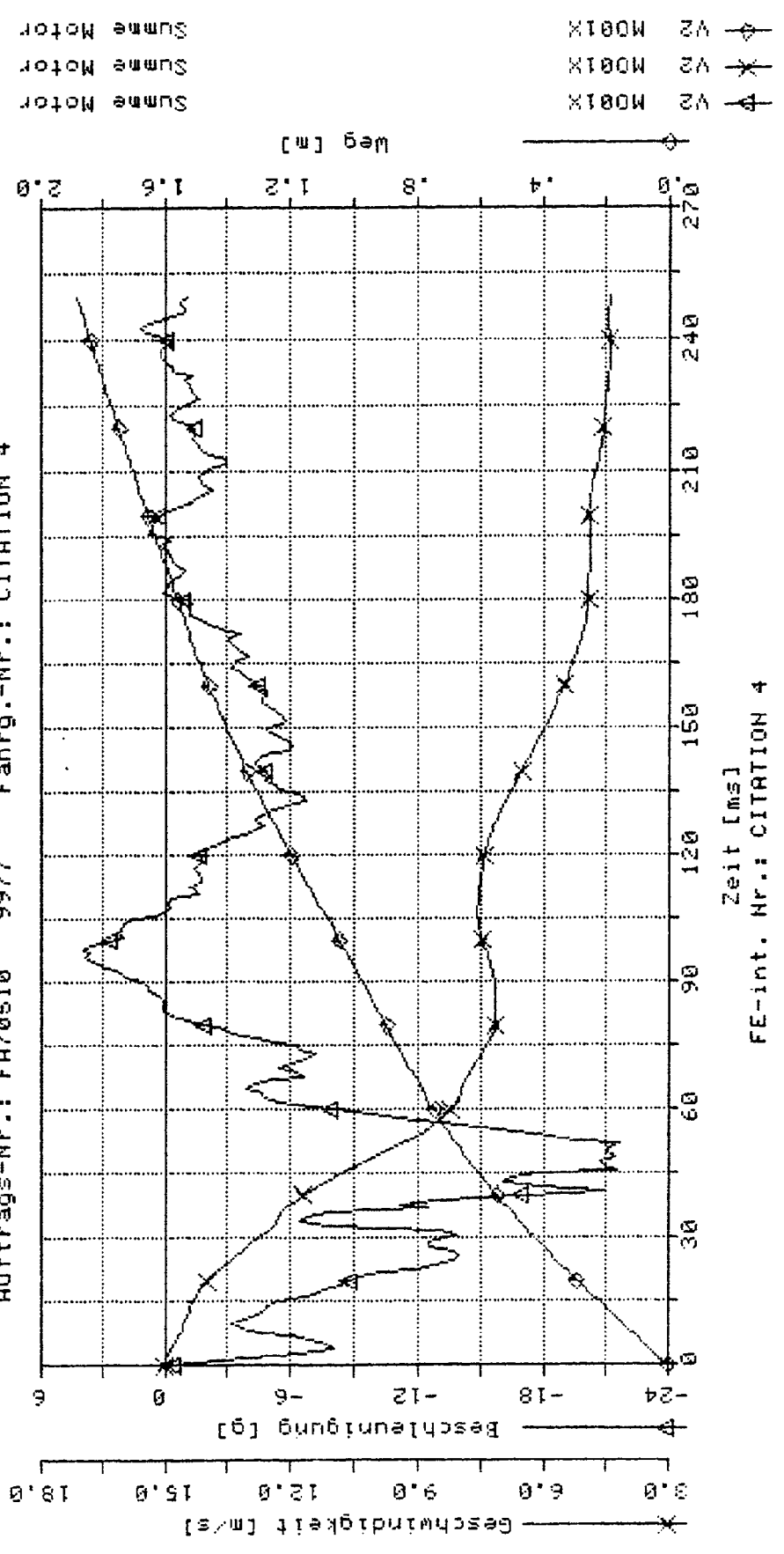
Summe Schwerpunkt

V2 SPKT X Y Z 4

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

| UP | Mess-Stelle | ber.        | Extremum | t     | 3MS   |
|----|-------------|-------------|----------|-------|-------|
| V2 | M001X       | Summe Motor | BE g     | 52.0  | 21.17 |
| V2 | M001X       | Summe Motor | GE m/s   | -1.0  | 0.00  |
| V2 | M001X       | Summe Motor | WE m     | 250.0 | 0.00  |

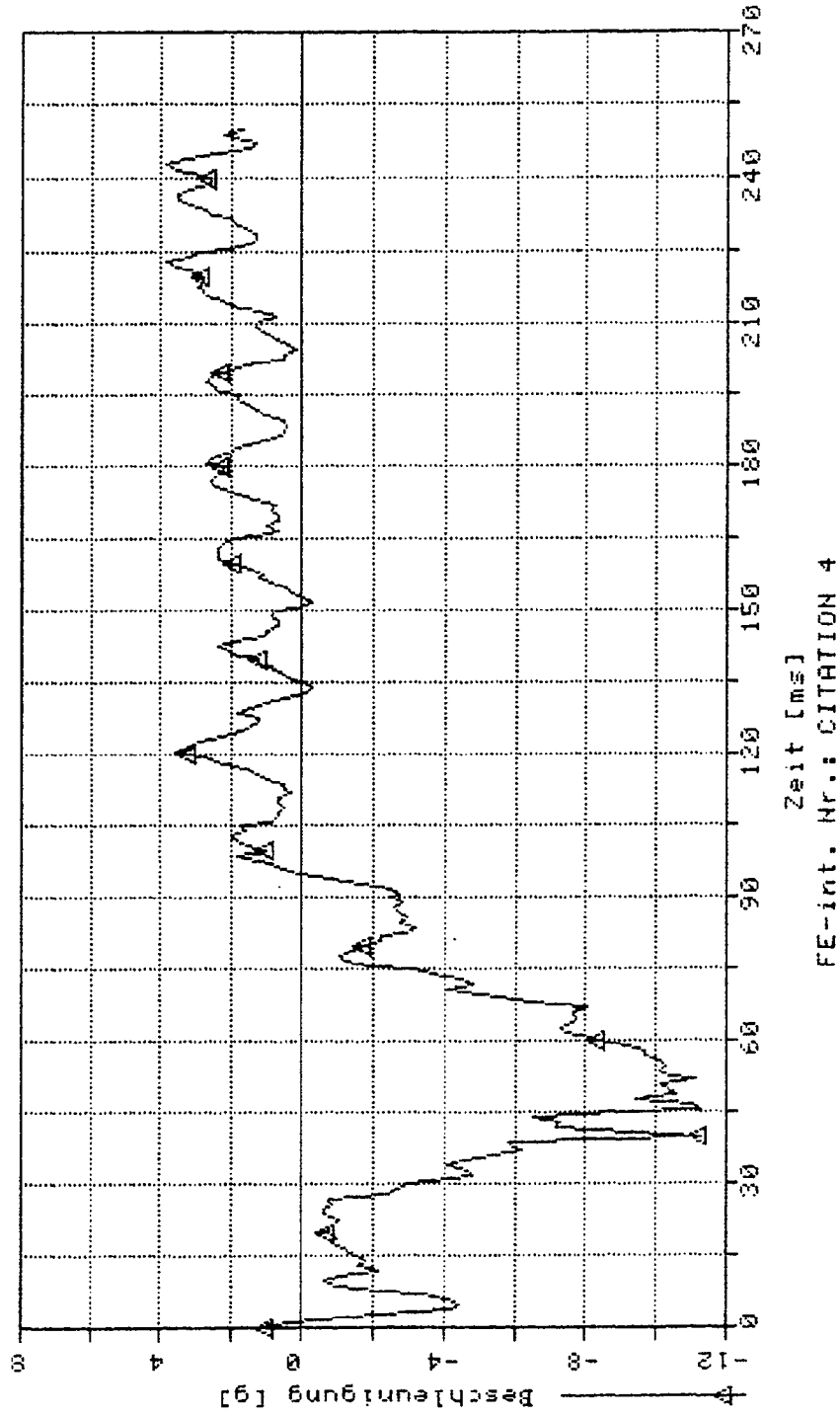
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

|    |             |             |          |       |       |
|----|-------------|-------------|----------|-------|-------|
| UP | Mess-Stelle | ber.        | Extremum | t     | 3MS   |
| V2 | M001Y       | Summe Motor | Groesse  | Extr. |       |
|    |             | BE          | g        | 40.0  | 11.08 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4

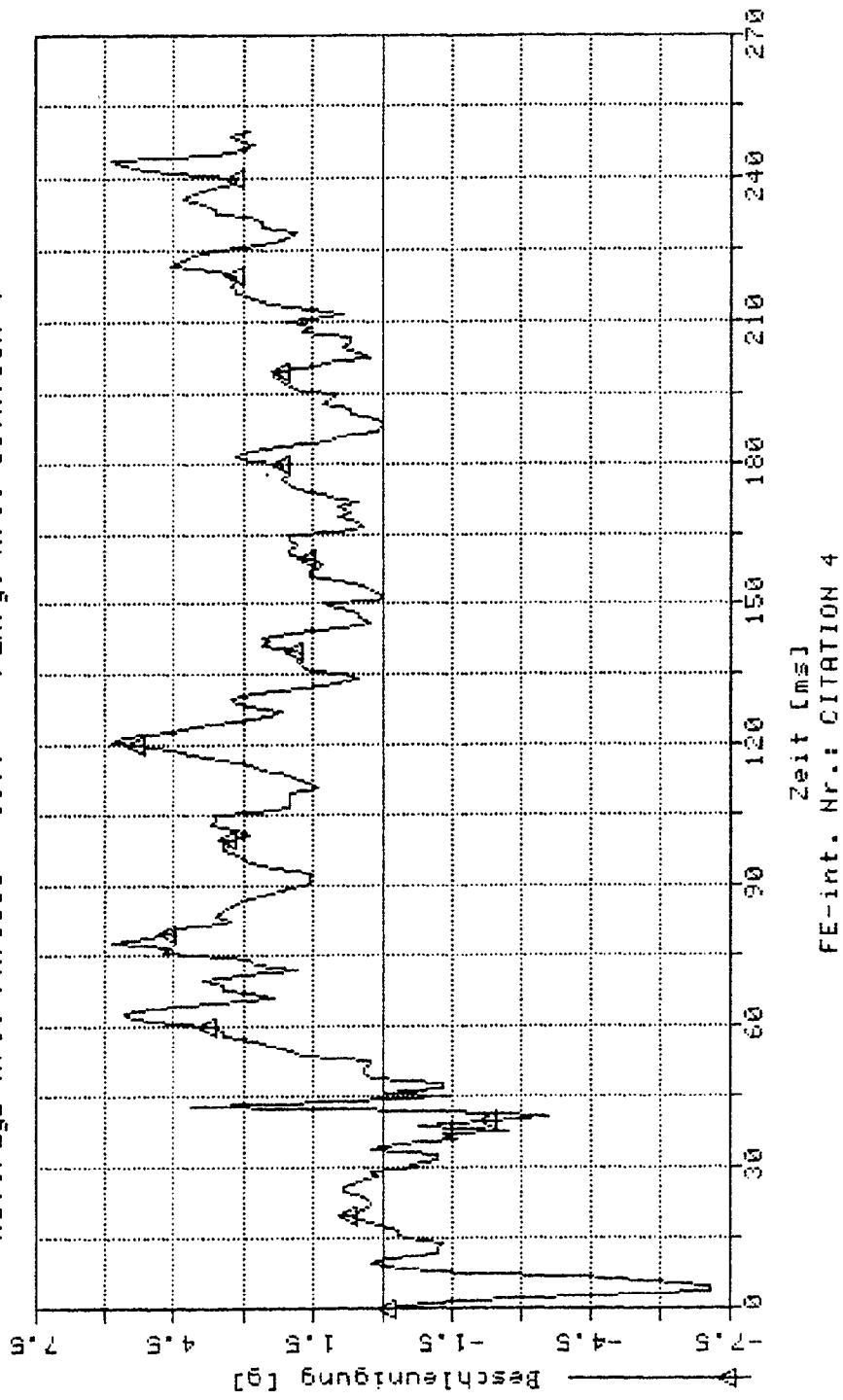




Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

UP Mess-Stelle..... ber. Extremum t 3MS  
 V2 M001Z Summe Motor BE g -7.066 Extr. 4.0 5.77

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



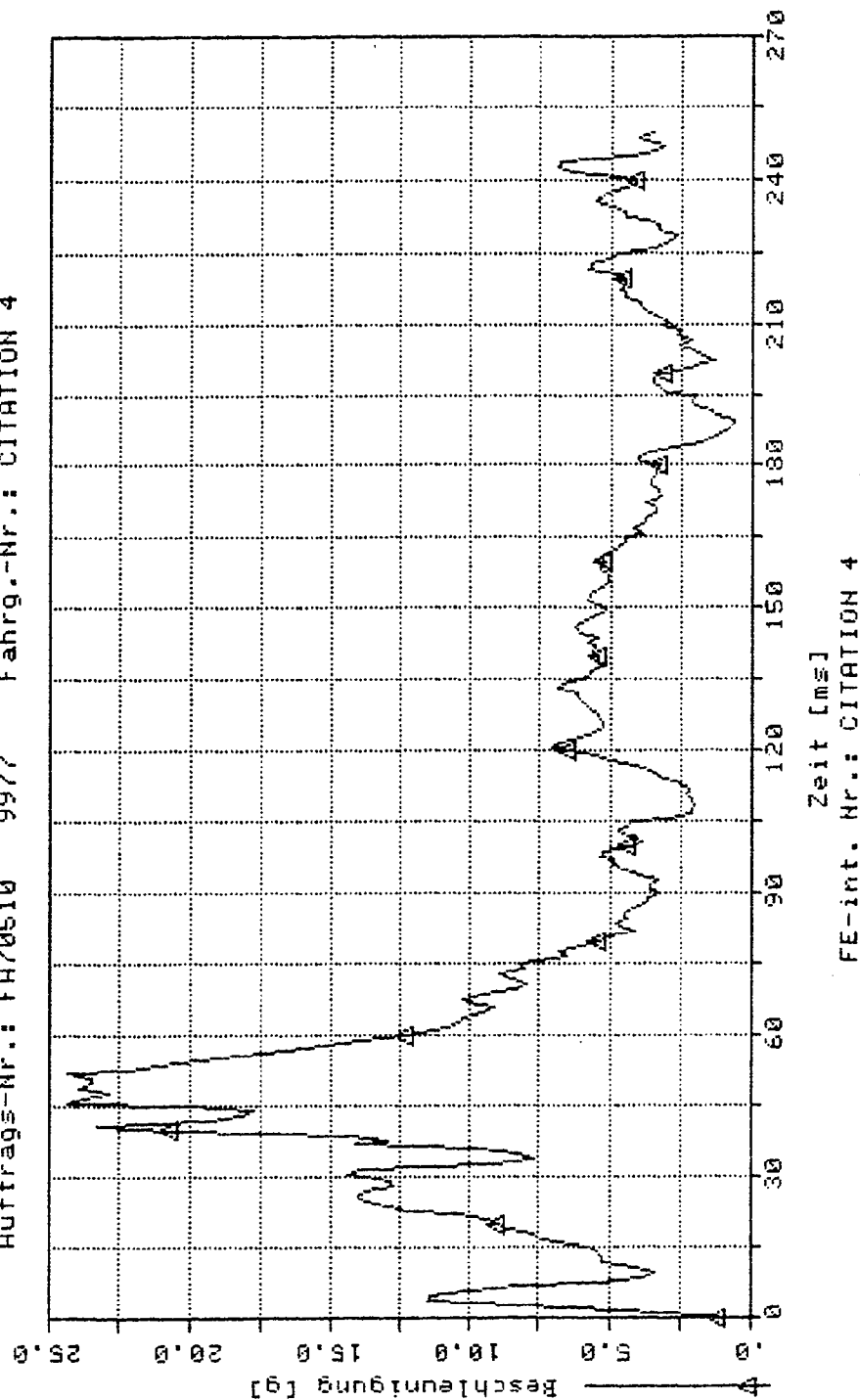
Summe Motor

V2 M001Z 4

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

|    |             |             |          |       |       |
|----|-------------|-------------|----------|-------|-------|
| UP | Mess-Stelle | ber.        | Extremum | †     | 3MS   |
| V2 | M001 X Y Z  | Summe Motor | Groesse  | Extr. |       |
|    |             | BE          | g        | 52.0  | 23.72 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



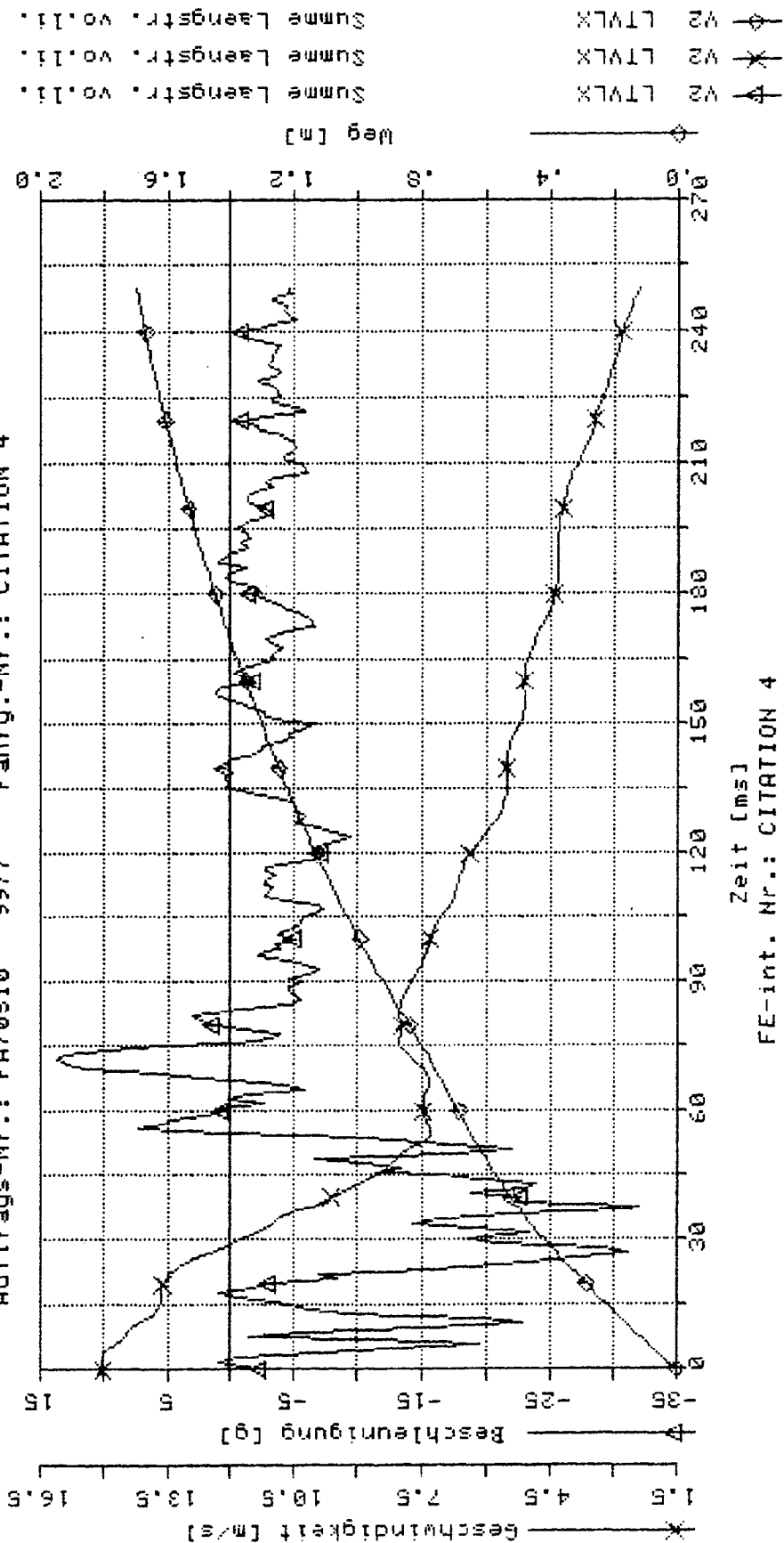
Summe Motor

V2 M001 X Y Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: CITATION 4 FE-int. Nr.: CITATION 4

| UP | Mess-Stelle | ber.                   | Extremum | t     | 3MS   |
|----|-------------|------------------------|----------|-------|-------|
|    |             | Groesse                |          | Extr. |       |
| V2 | LTVLX       | Summe Laengstr. vo.li. | BE g     | 38.0  | 29.18 |
| V2 | LTVLX       | Summe Laengstr. vo.li. | GE m/s   | -1.0  | 0.00  |
| V2 | LTVLX       | Summe Laengstr. vo.li. | WE m     | 1.695 | 250.0 |
|    |             |                        |          |       | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: CITATION 4



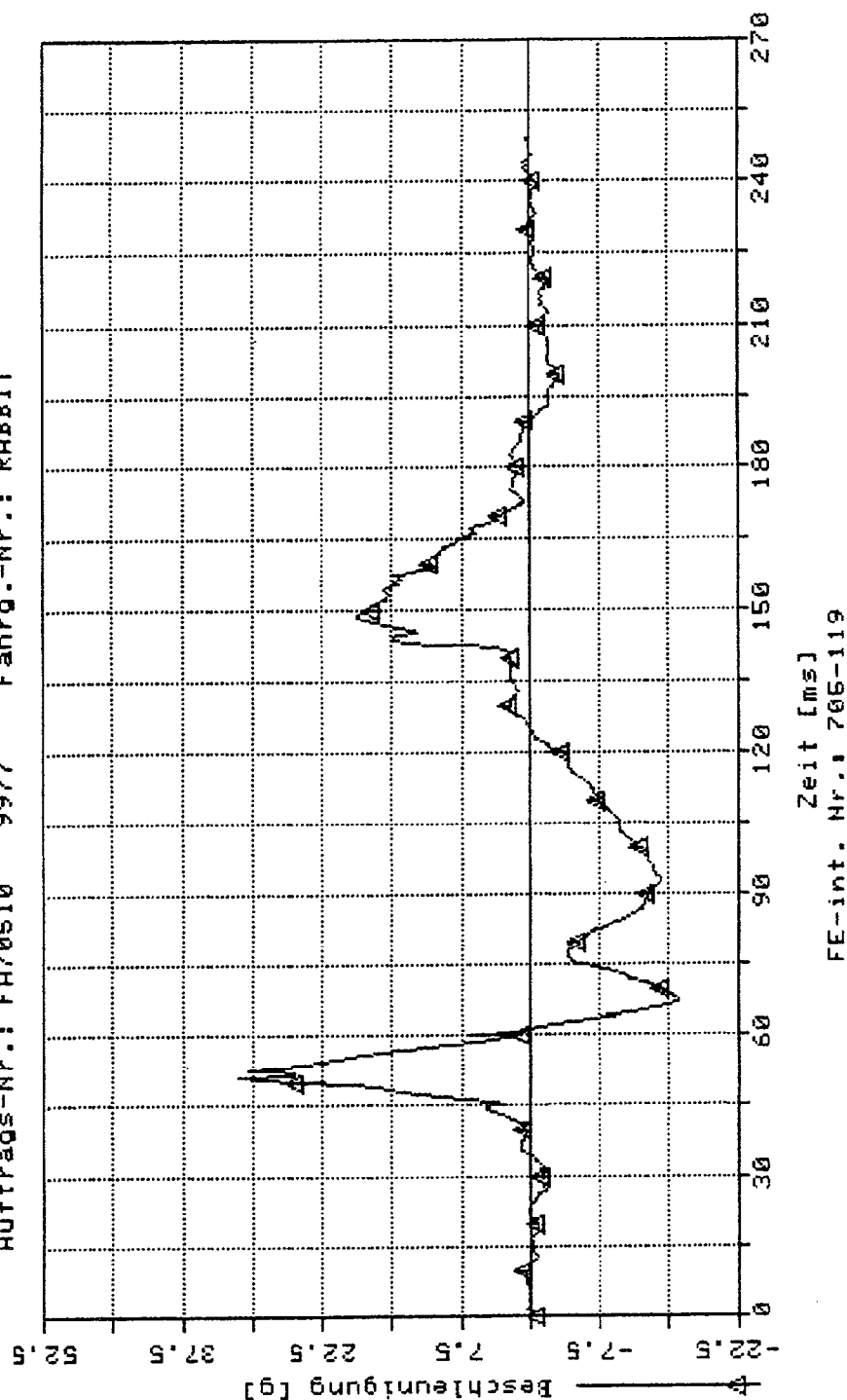
D R I V E R

enn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

|                     |            |          |       |       |
|---------------------|------------|----------|-------|-------|
| UP Mess-Stelle..... | ber.       | Extremum | t     | 3MS   |
| V1 K001X            | Summe Kopf | Groesse  | Extr. |       |
|                     | BE g       | 34.171   | 51.4  | 25.14 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

Summe Kopf



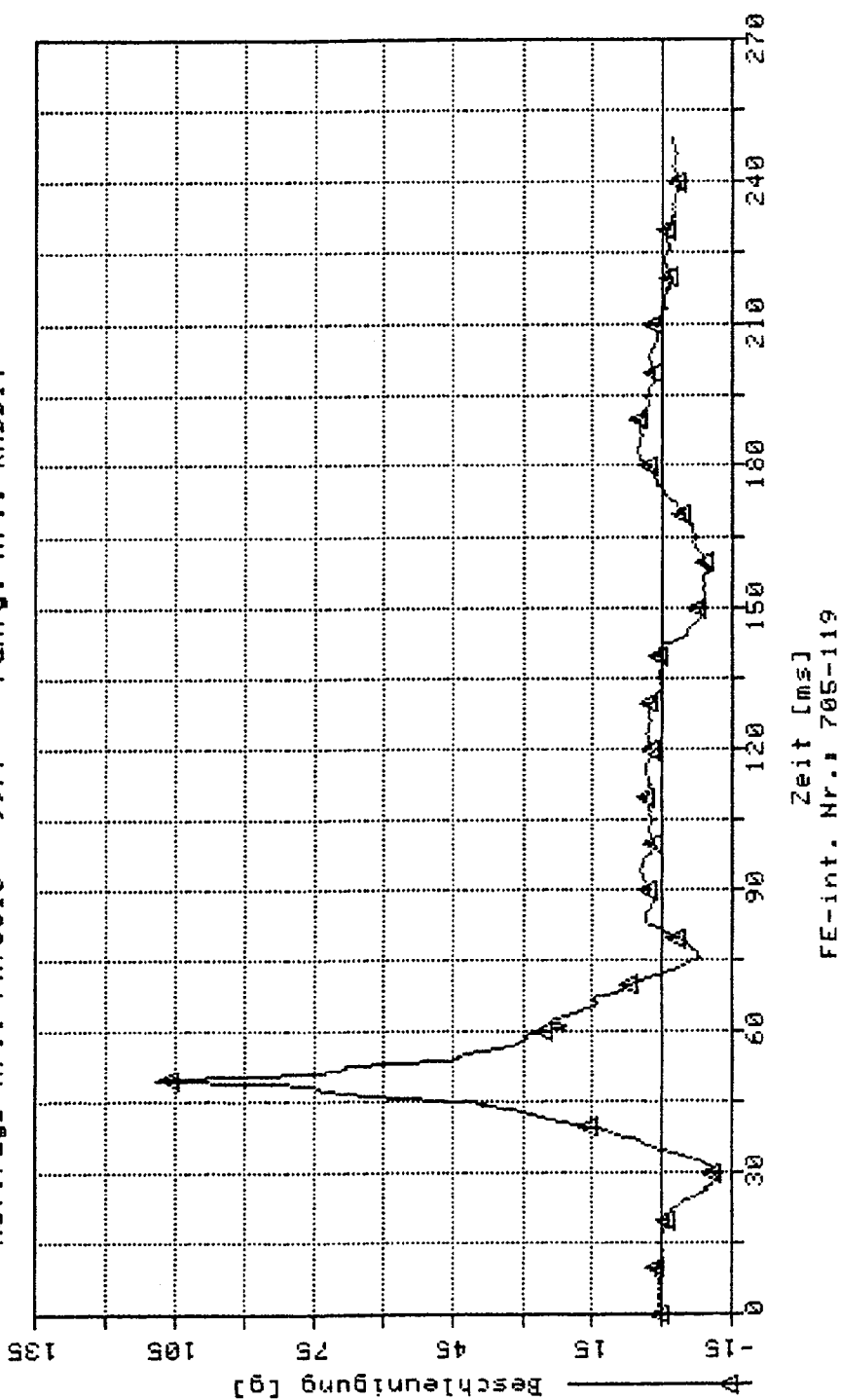
Zeit [ms]  
 FE-int. Nr.: 705-119

V1 K001X

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 K001Y Summe Kopf BE g 118.350 49.3 74.27

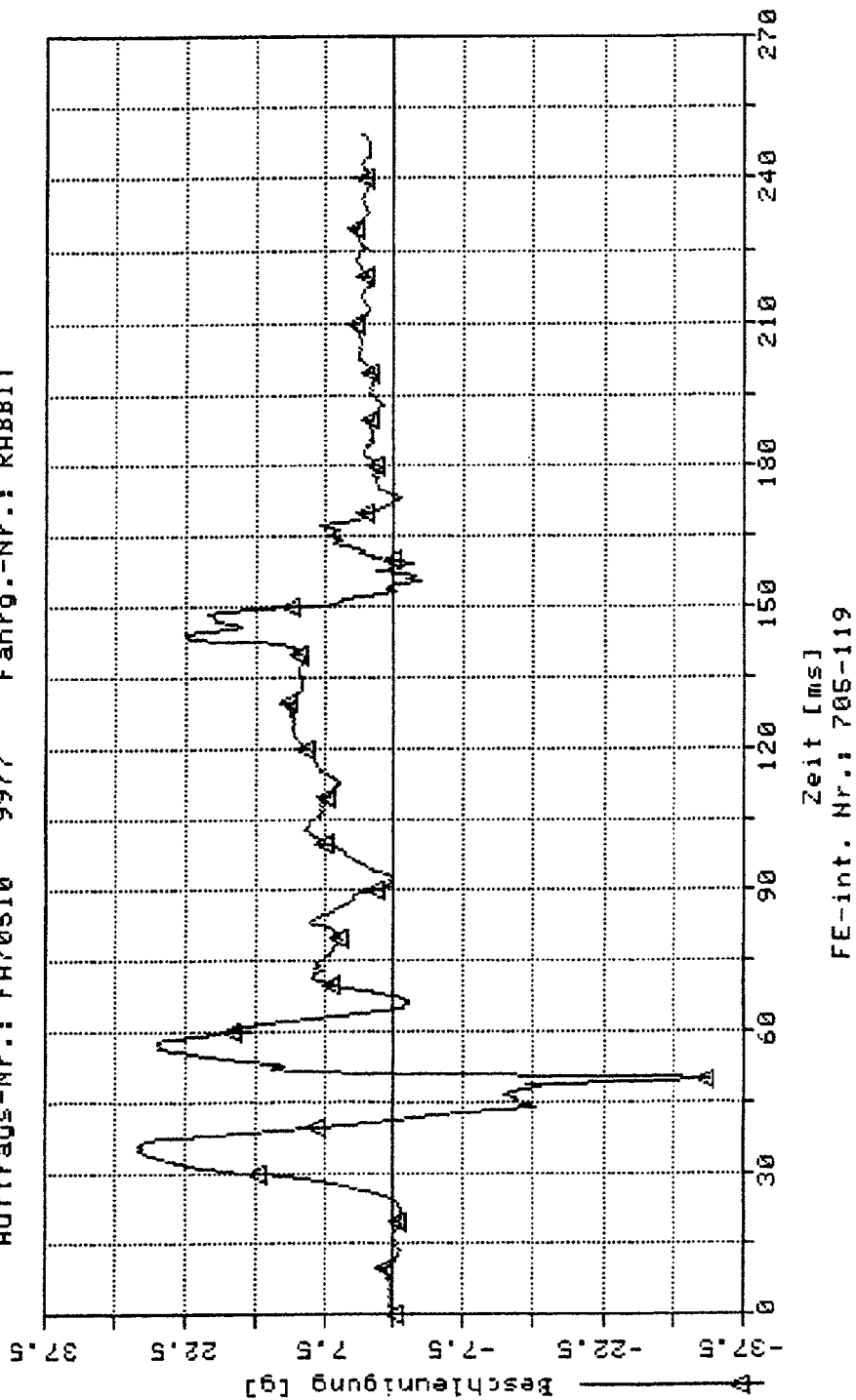
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 K001Z Summe Kopf BE g -36.165 49.3 27.11

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

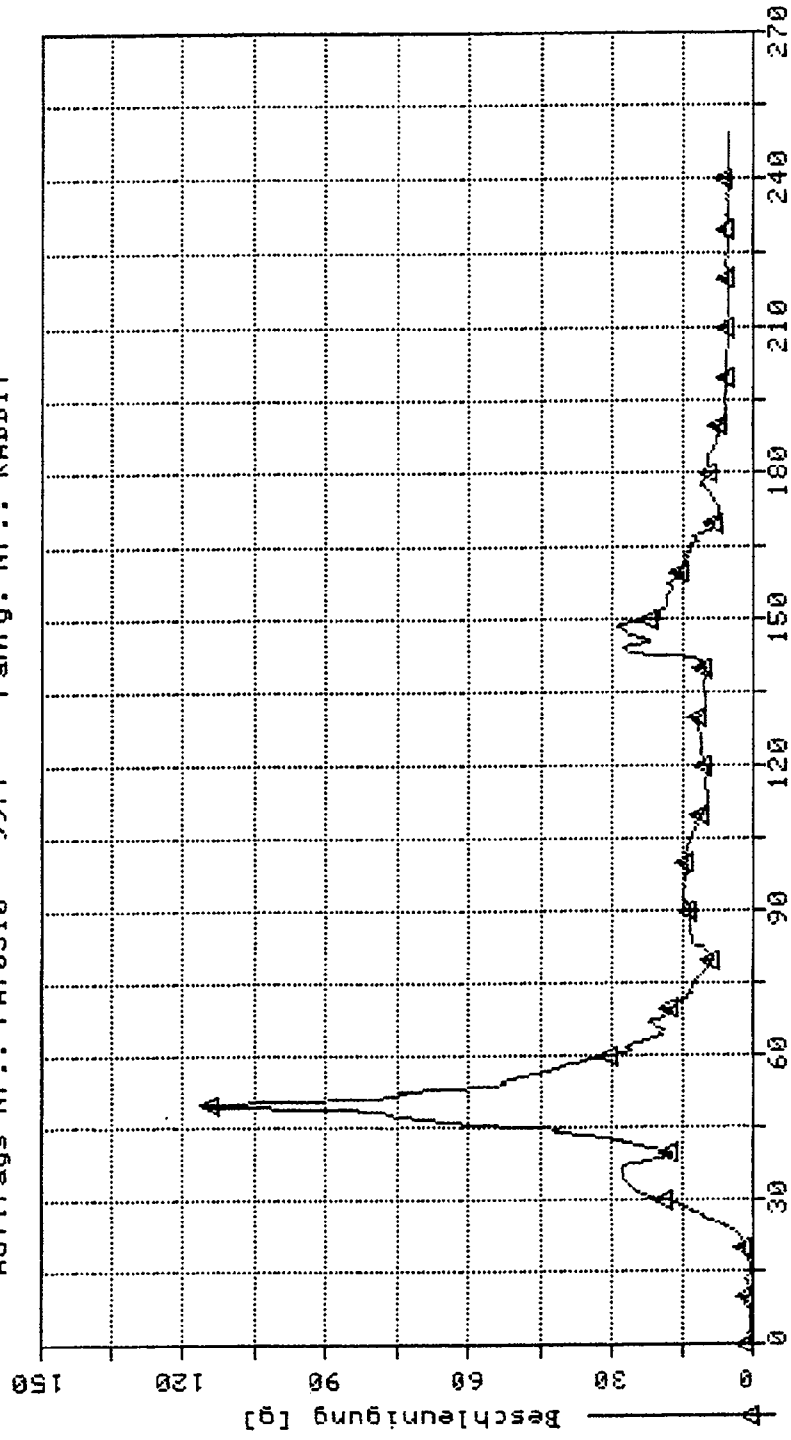


Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

| UP  | Mess-Stelle     | ber.       | Extremum | t    | 3MS   |
|-----|-----------------|------------|----------|------|-------|
| V1  | K001 X Y Z      | Groesse    | 126.615  | 49.3 | 77.79 |
| HIC | K001,0:250,0.05 | Summe Kopf | BE g     |      |       |

HIC = 494.9 t0 = 43.65 t1 = 58.44

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Zeit [ms]  
 FE-int. Nr.: 705-119

Summe Kopf

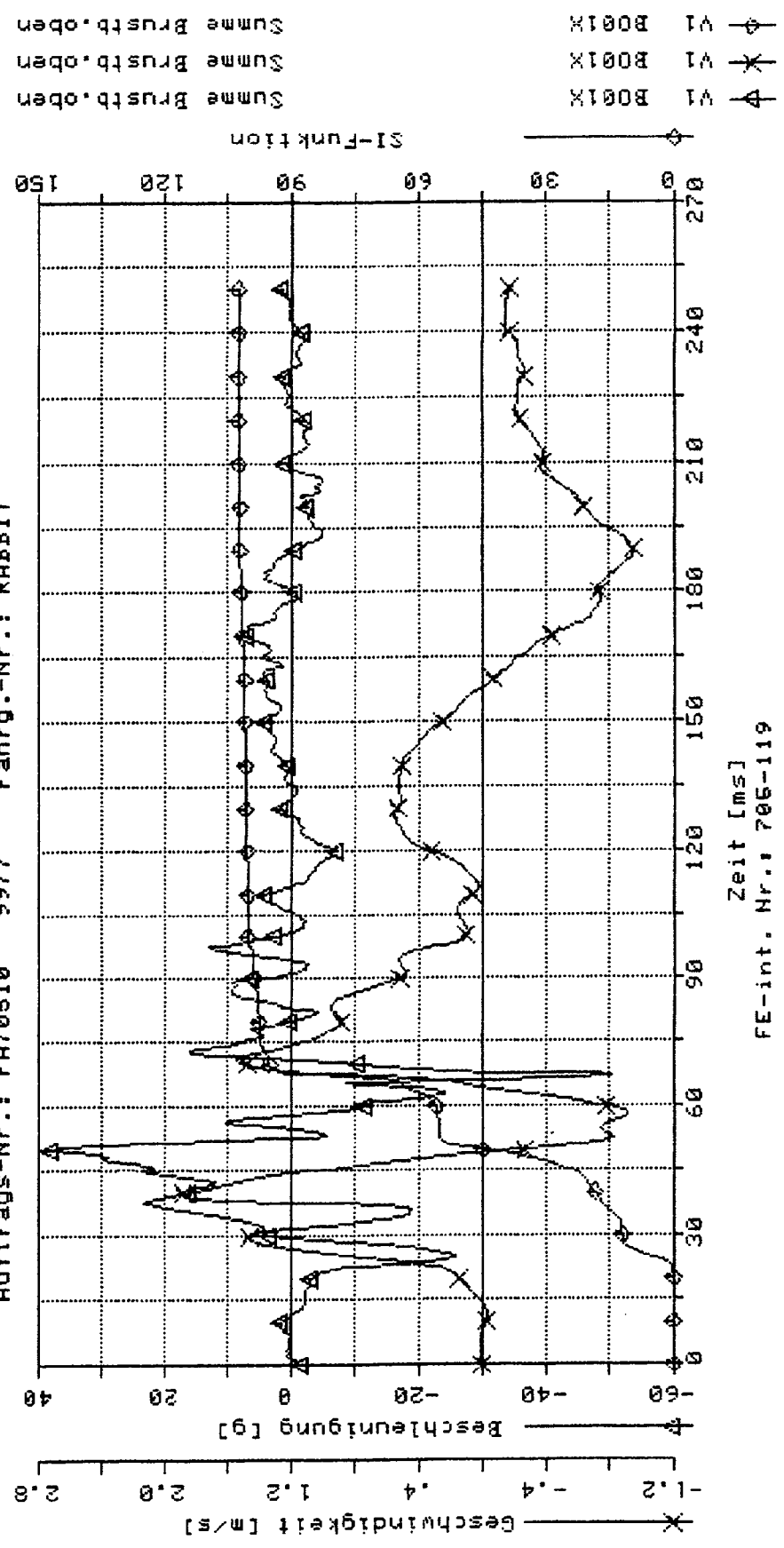
V1 K001 X Y Z



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.              | Extremum | t     | 3MS   |
|----|-------------|-------------------|----------|-------|-------|
| V1 | E001X       | Summe Brustb.oben | BE g     | 67.0  | 31.59 |
| V1 | E001X       | Summe Brustb.oben | GE m/s   | 38.0  | 0.00  |
| V1 | E001X       | Summe Brustb.oben | SI       | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

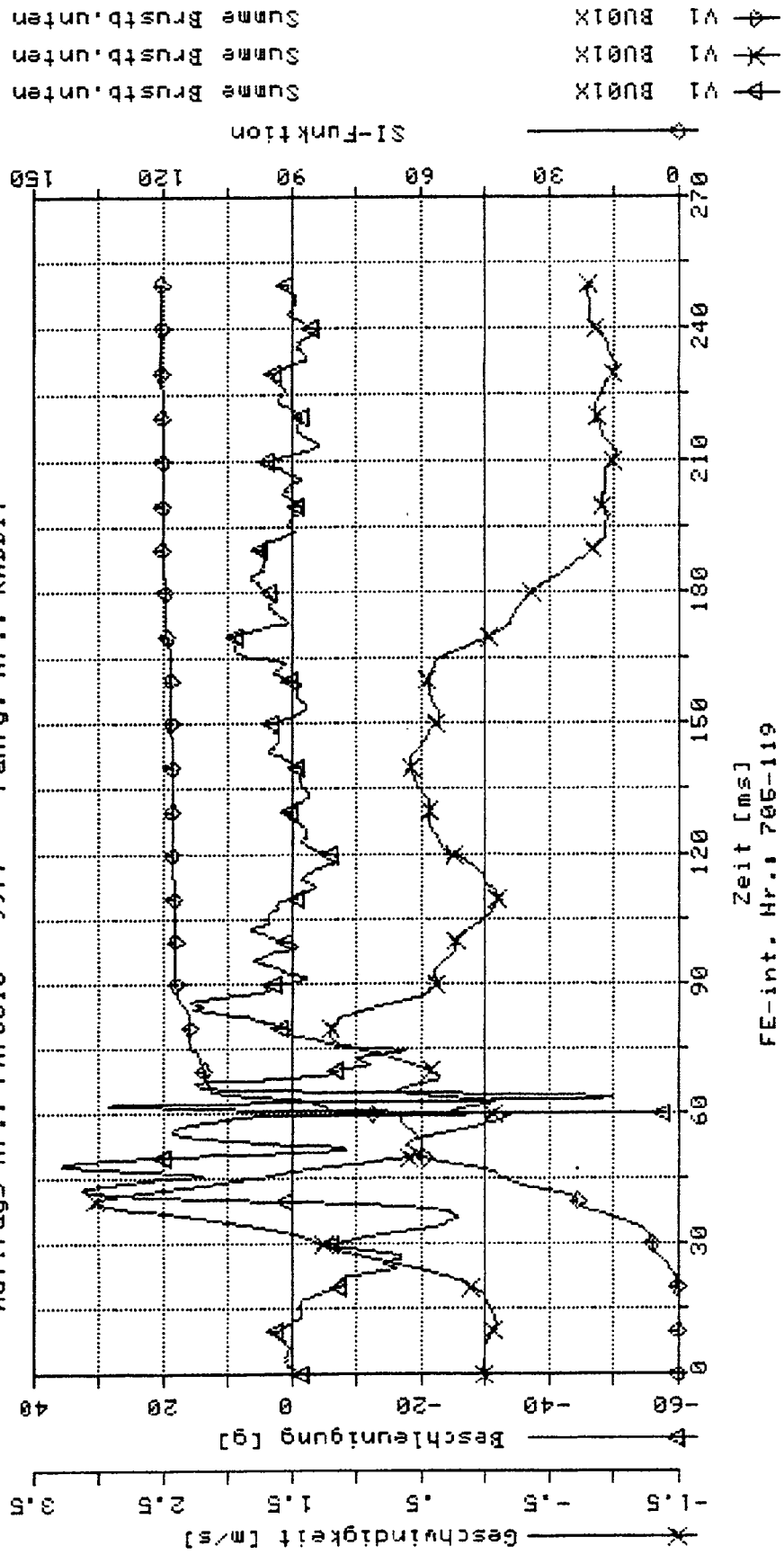


Zeit [ms]  
 FE-int. Nr.: 705-119

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | BU01X       | Summe Brustb.unten | BE g     | 60.0  | 35.20 |
| V1 | BU01X       | Summe Brustb.unten | GE m/s   | 40.0  | 0.00  |
| V1 | BU01X       | Summe Brustb.unten | SI       | 250.0 | 0.00  |

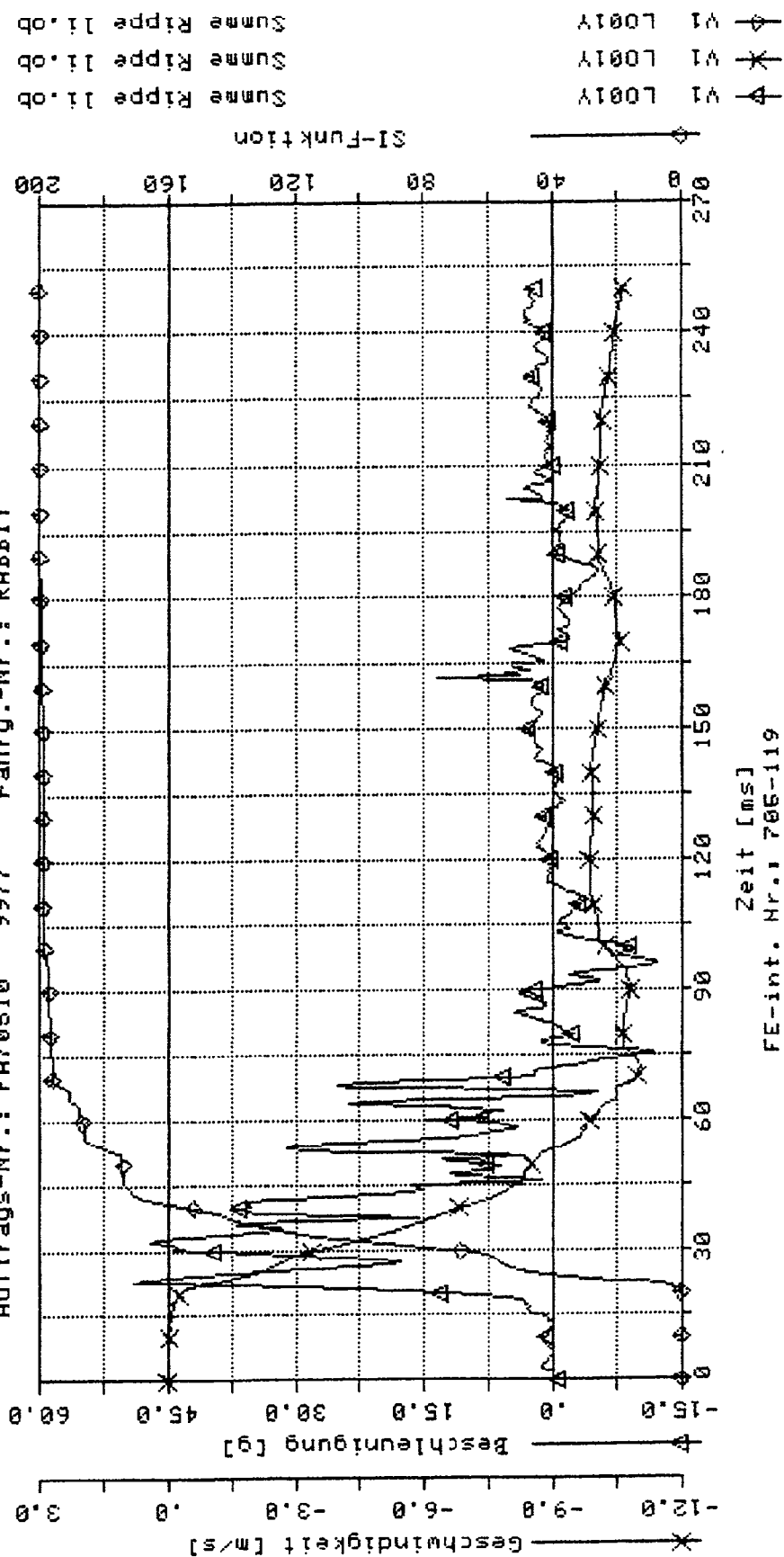
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.              | Extremum | t       | 3MS   |
|----|-------------|-------------------|----------|---------|-------|
|    |             | Groesse           |          | Extr.   |       |
| V1 | L001Y       | Summe Rippe li.ob | BE g     | 48.943  | 23.0  |
| V1 | L001Y       | Summe Rippe li.ob | GE m/s   | -11.031 | 72.0  |
| V1 | L001Y       | Summe Rippe li.ob | SI       | 199.849 | 250.0 |
|    |             |                   |          |         | 0.00  |

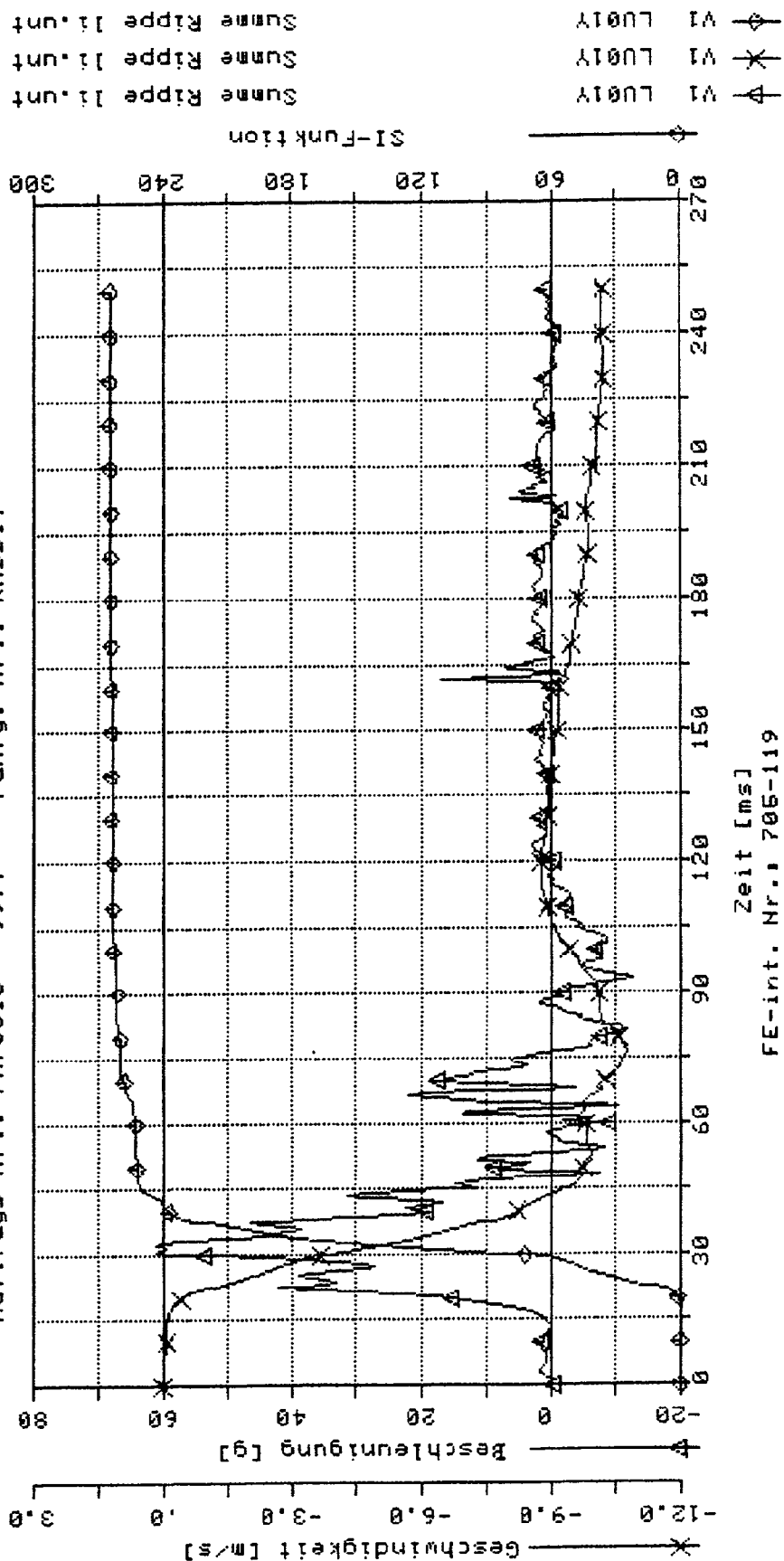
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | LU01Y       | Summe Rippe li.unt | 61.034   | 31.0  | 56.84 |
| V1 | LU01Y       | Summe Rippe li.unt | -10.763  | 76.5  | 0.00  |
| V1 | LU01Y       | Summe Rippe li.unt | 264.516  | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

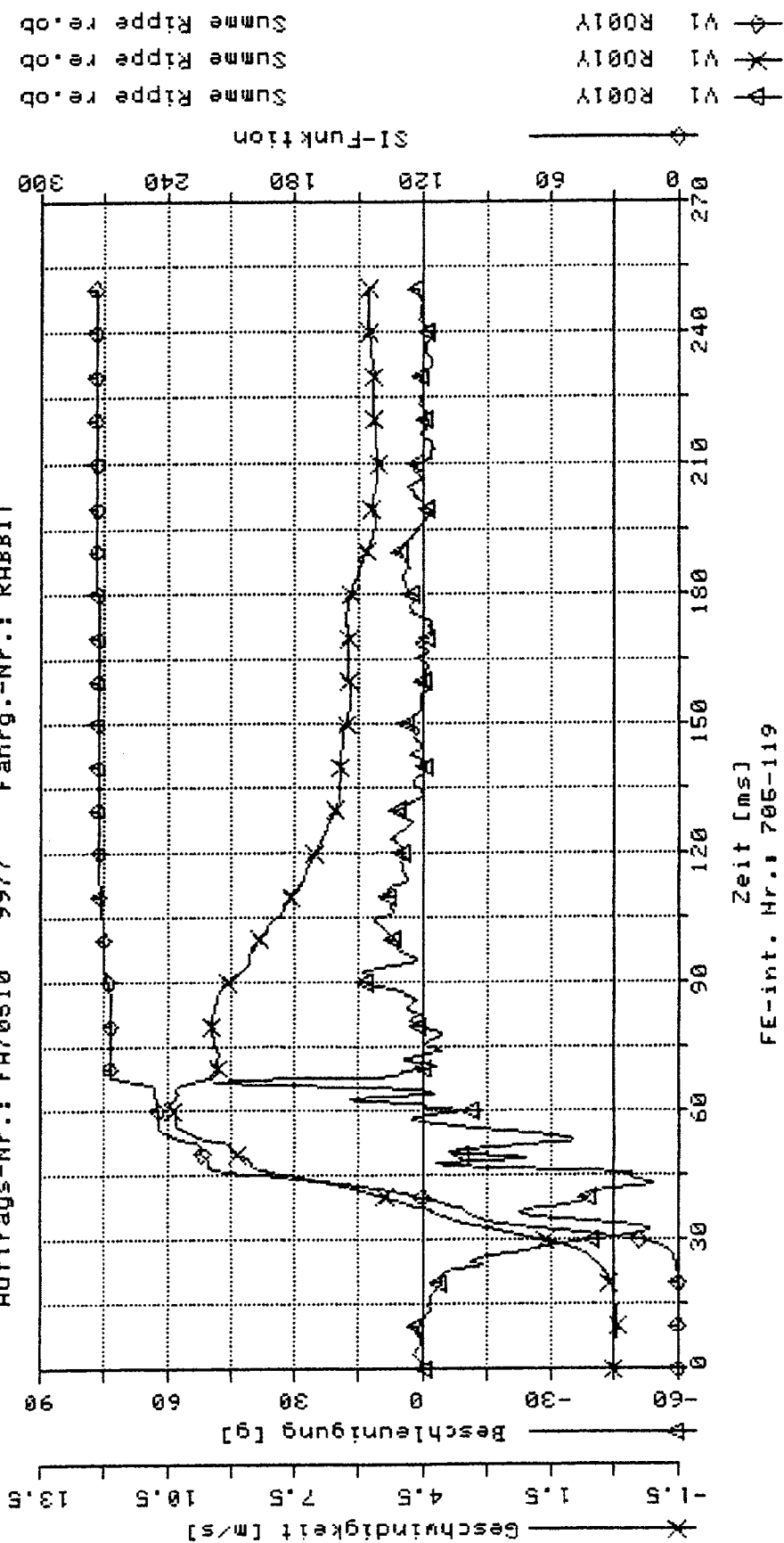


FE-int. Nr.: 705-119

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.              | Extremum | t       | 3MS   |
|----|-------------|-------------------|----------|---------|-------|
|    |             | Groesse           |          | Extr.   |       |
| V1 | RO01Y       | Summe Rippe re.ob | BE g     | -54.366 | 50.44 |
| V1 | RO01Y       | Summe Rippe re.ob | GE m/s   | 10.435  | 0.00  |
| V1 | RO01Y       | Summe Rippe re.ob | SI       | 274.009 | 0.00  |

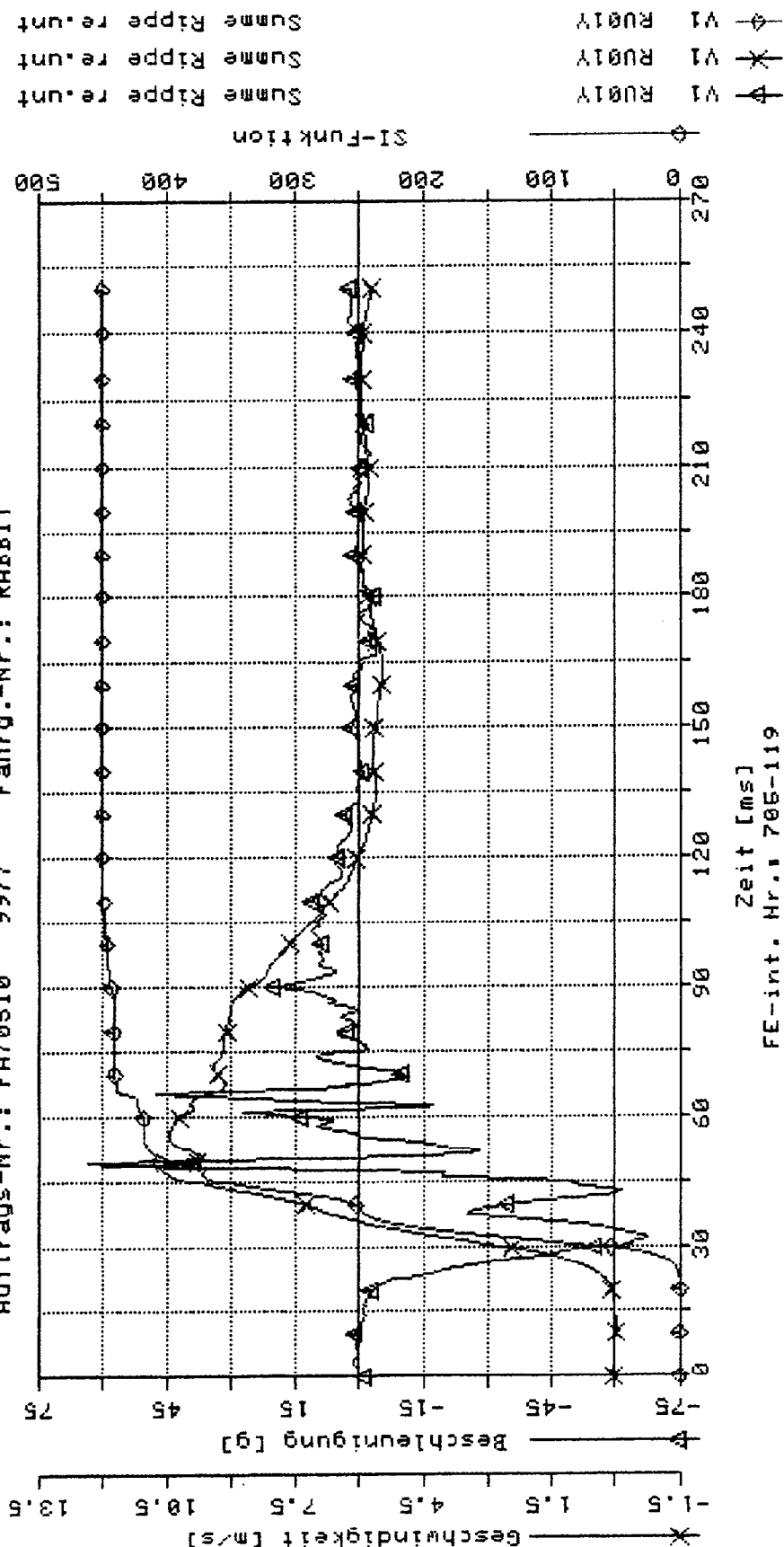
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | RU01Y       | Summe Rippe re.unt | BE g     | 32.5  | 63.51 |
| V1 | RU01Y       | Summe Rippe re.unt | CE m/s   | 48.0  | 0.00  |
| V1 | RU01Y       | Summe Rippe re.unt | SI       | 250.0 | 0.00  |

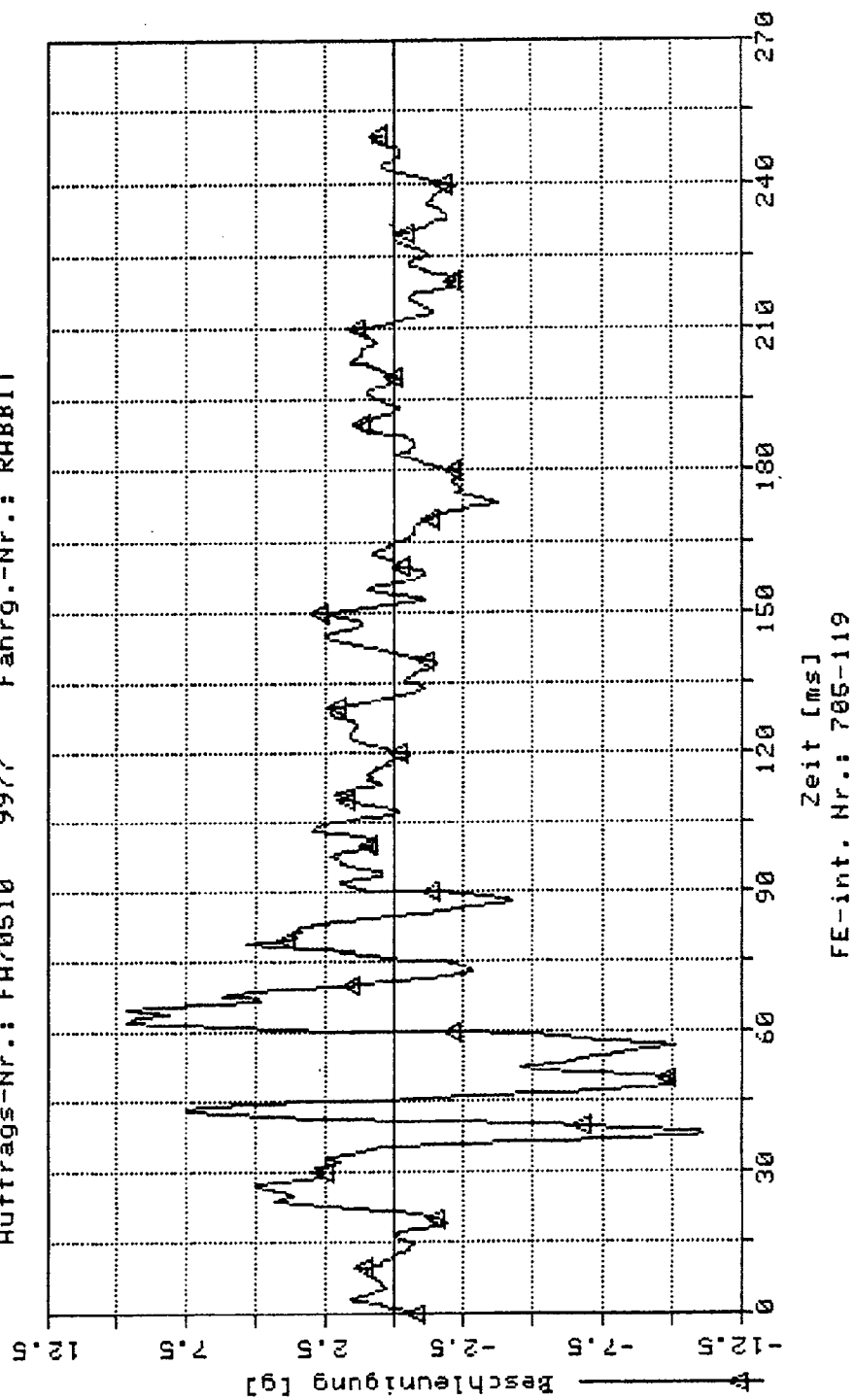
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 T001X Summe Wirbels.oben BE g -11.092 Extr. 38.5 9.92

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

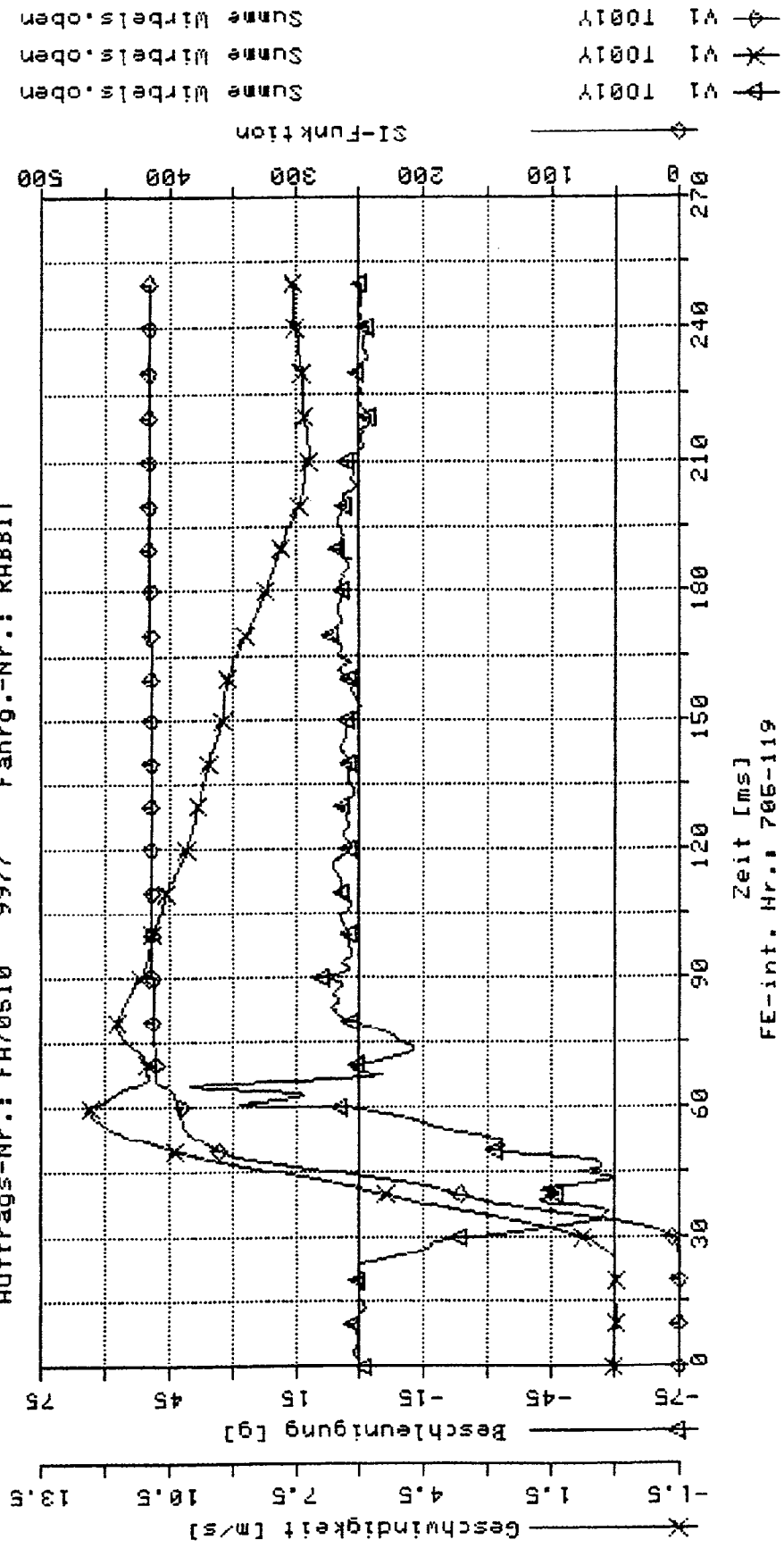


V1 T001X

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | T001Y       | Summe Wirbels.oben | BE g     | 43.5  | 57.42 |
| V1 | T001Y       | Summe Wirbels.oben | GE m/s   | 59.5  | 0.00  |
| V1 | T001Y       | Summe Wirbels.oben | SI       | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

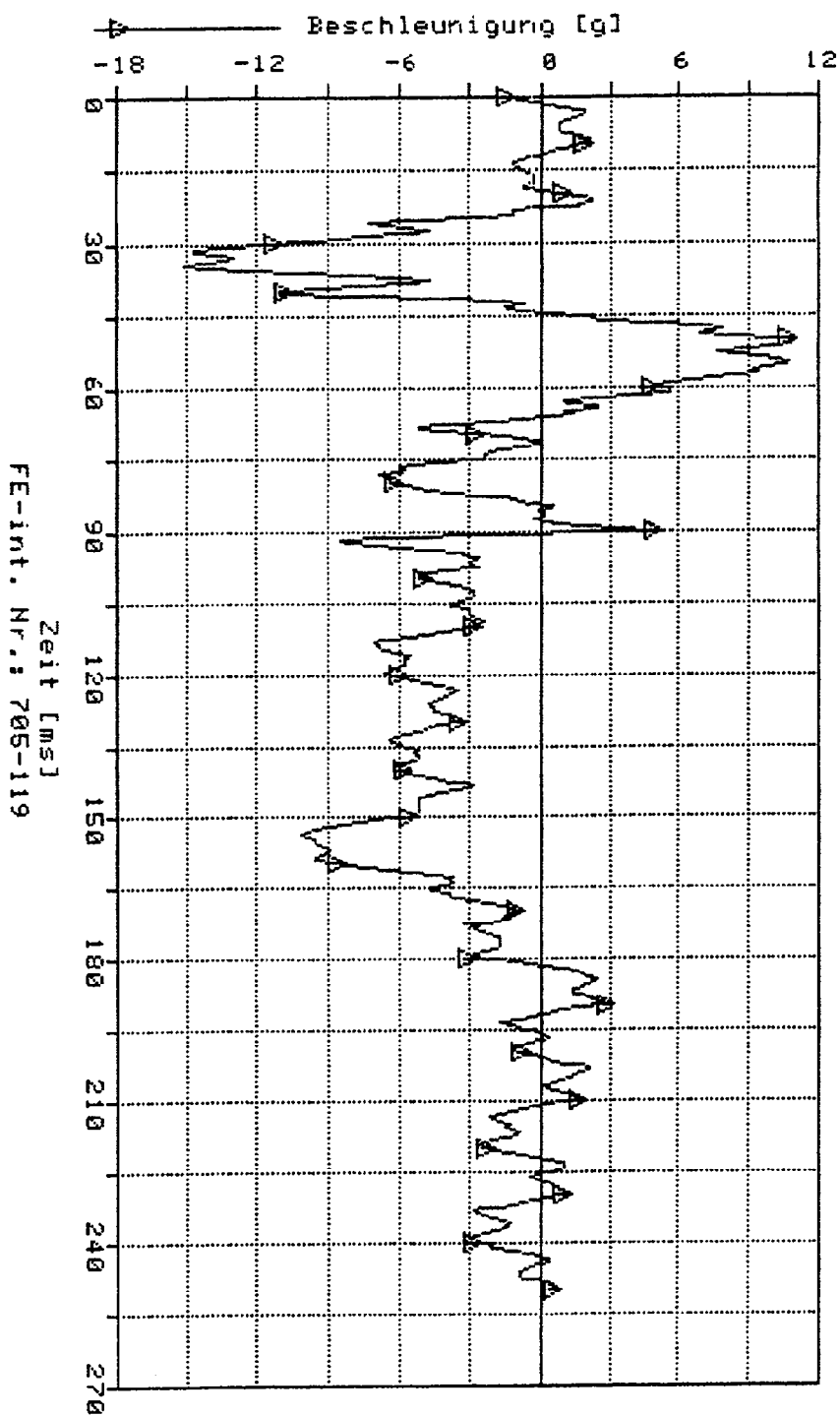




Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t SMS  
 Summe Wirbels.oben BE g -15.093 34.5 13.40  
 V1 T001Z

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Summe Wirbels.oben

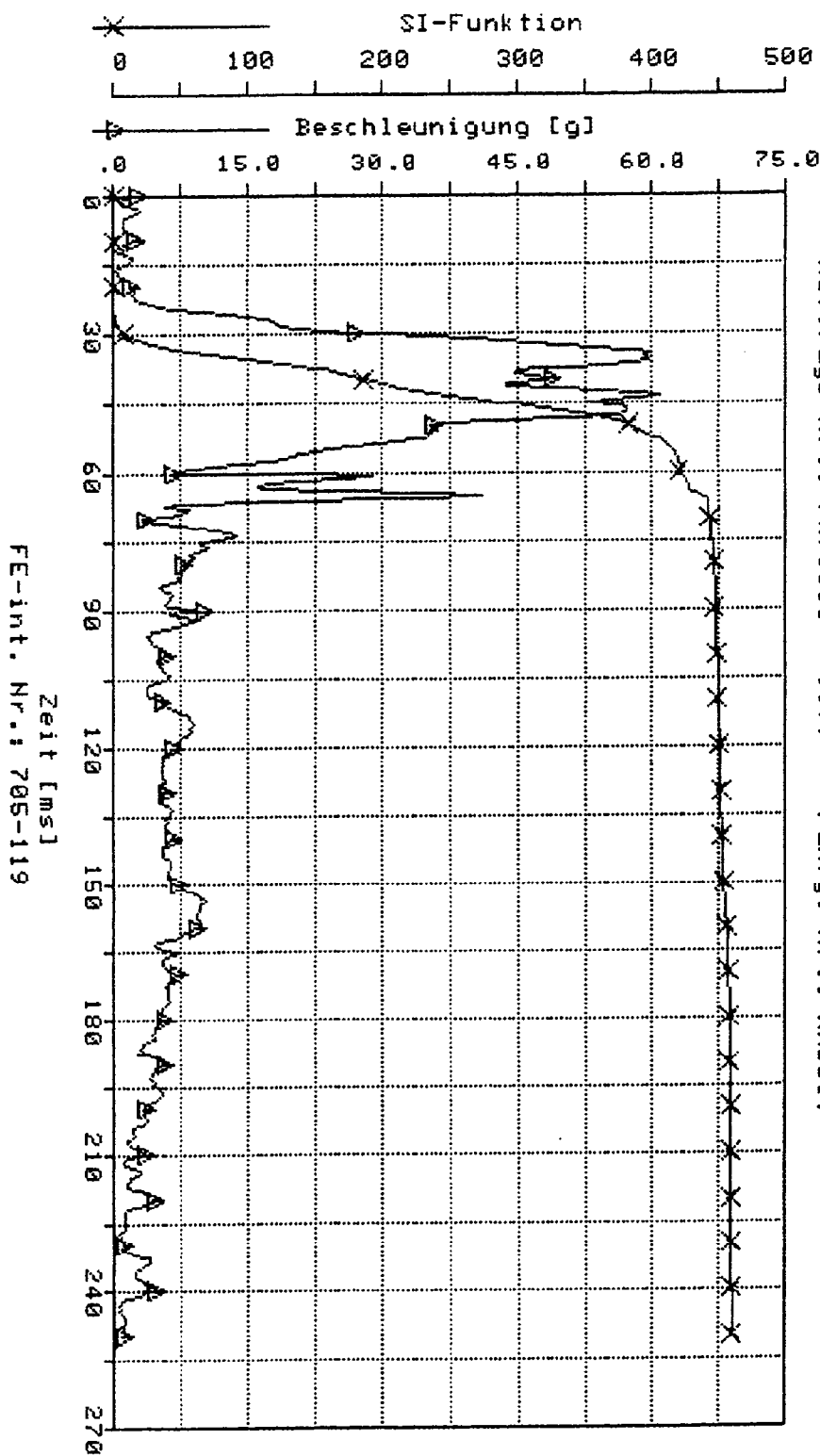
V1 T001Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle.....  
 V1 T001 X Y Z Summe Wirbels.oben  
 V1 T001 X Y Z Summe Wirbels.oben SI

| ber.    | Extremum | t     | 3MS   |
|---------|----------|-------|-------|
| Groesse |          |       |       |
| BE 9    | 60.599   | 43.5  | 58.15 |
| SI      | 459.344  | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

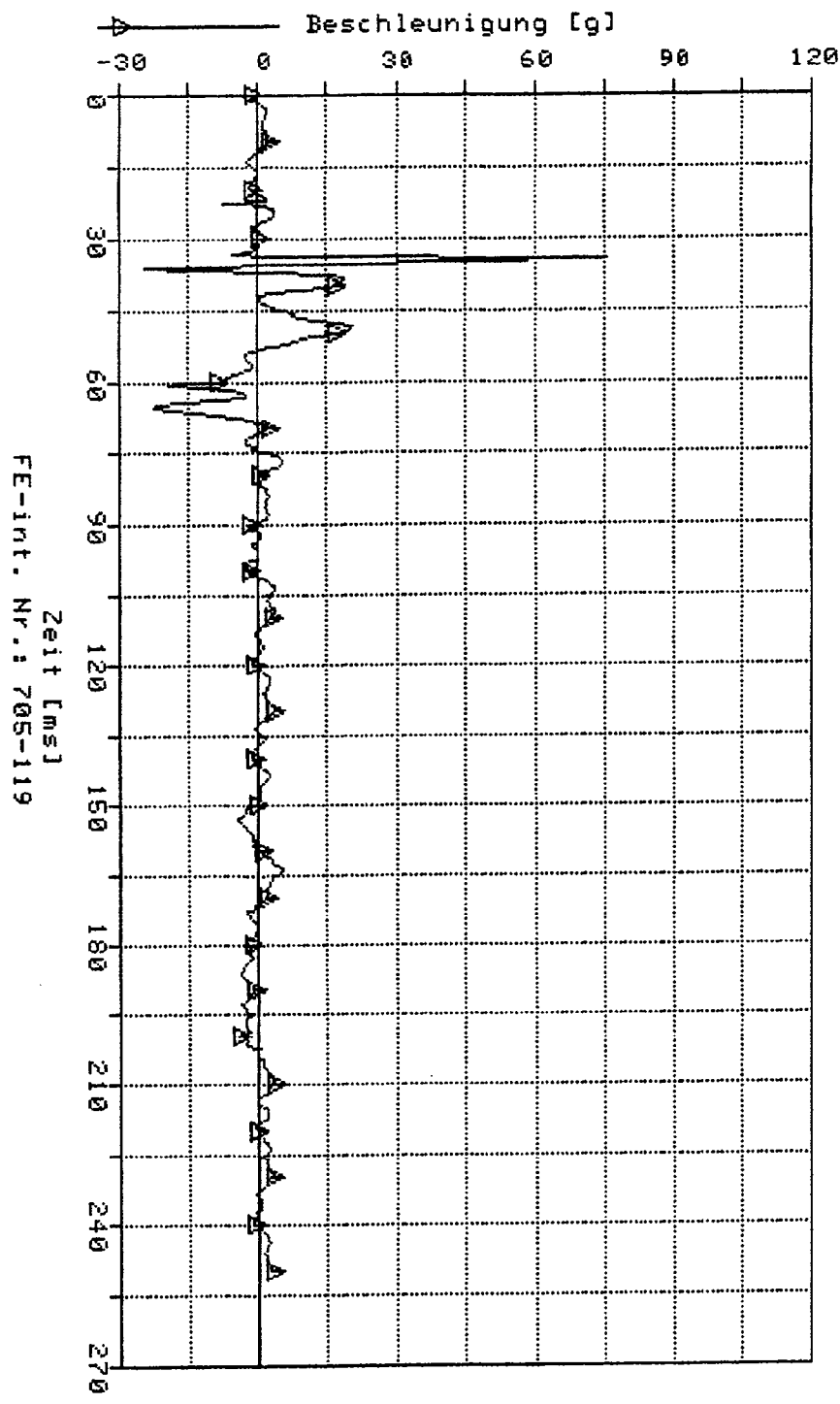


△ V1 T001 X Y Z Summe Wirbels.oben  
 × V1 T001 X Y Z Summe Wirbels.oben

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle: ..... ber. Extremum t 3MS  
 Summe Wirbels.unt. BE g 75.180 Extr. 34.5  
 V1 TU01X

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



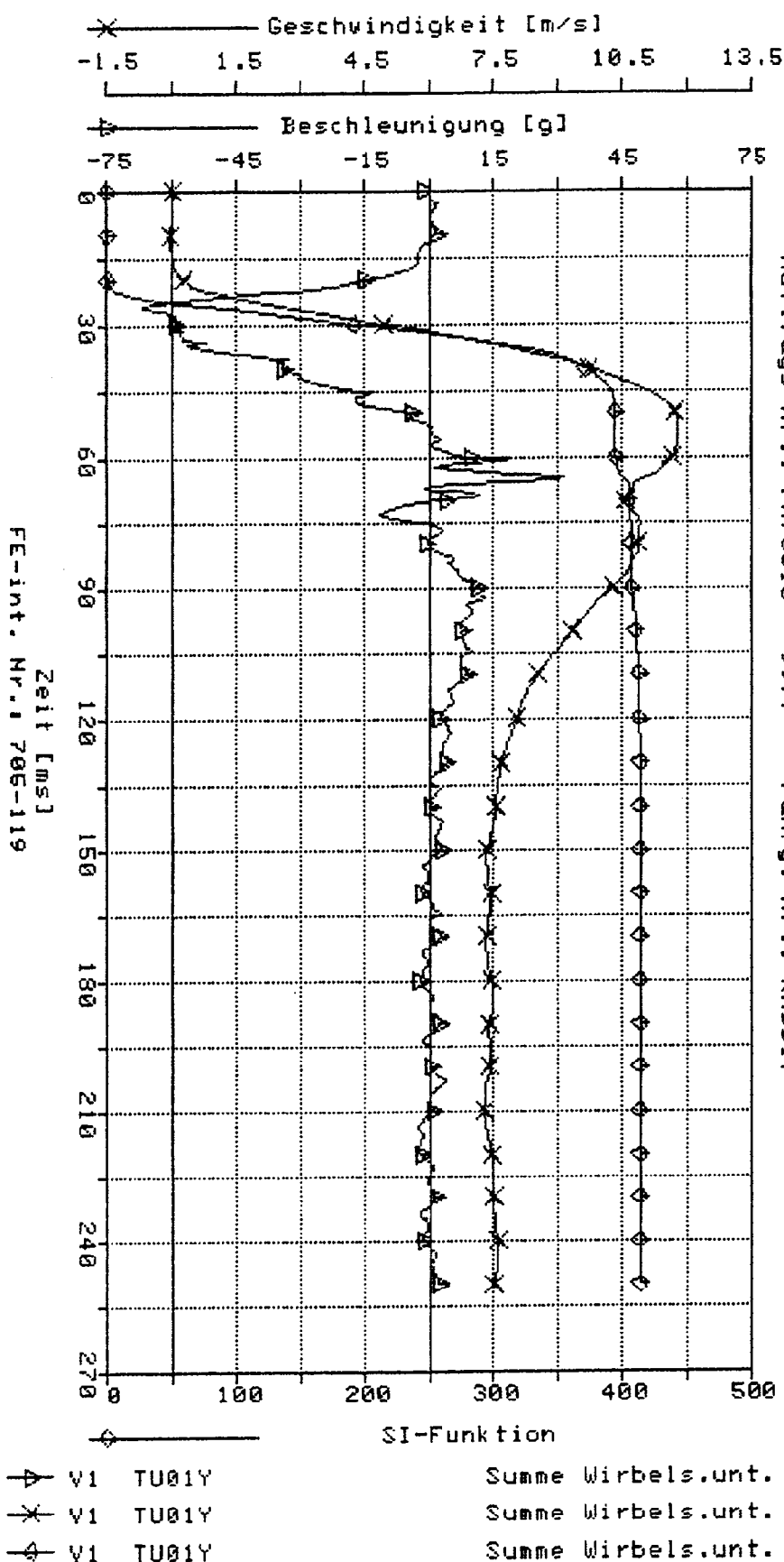
Summe Wirbels.unt.

V1 TU01X

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

|    |             |                    |          |       |       |
|----|-------------|--------------------|----------|-------|-------|
| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
| V1 | TU01Y       | Groesse            |          | Extr. |       |
| V1 | TU01Y       | BE g               | -66.671  | 26.0  | 59.46 |
| V1 | TU01Y       | Summe Wirbels.unt. | 11.791   | 53.0  | 0.00  |
| V1 | TU01Y       | Summe Wirbels.unt. | 413.399  | 250.0 | 0.00  |

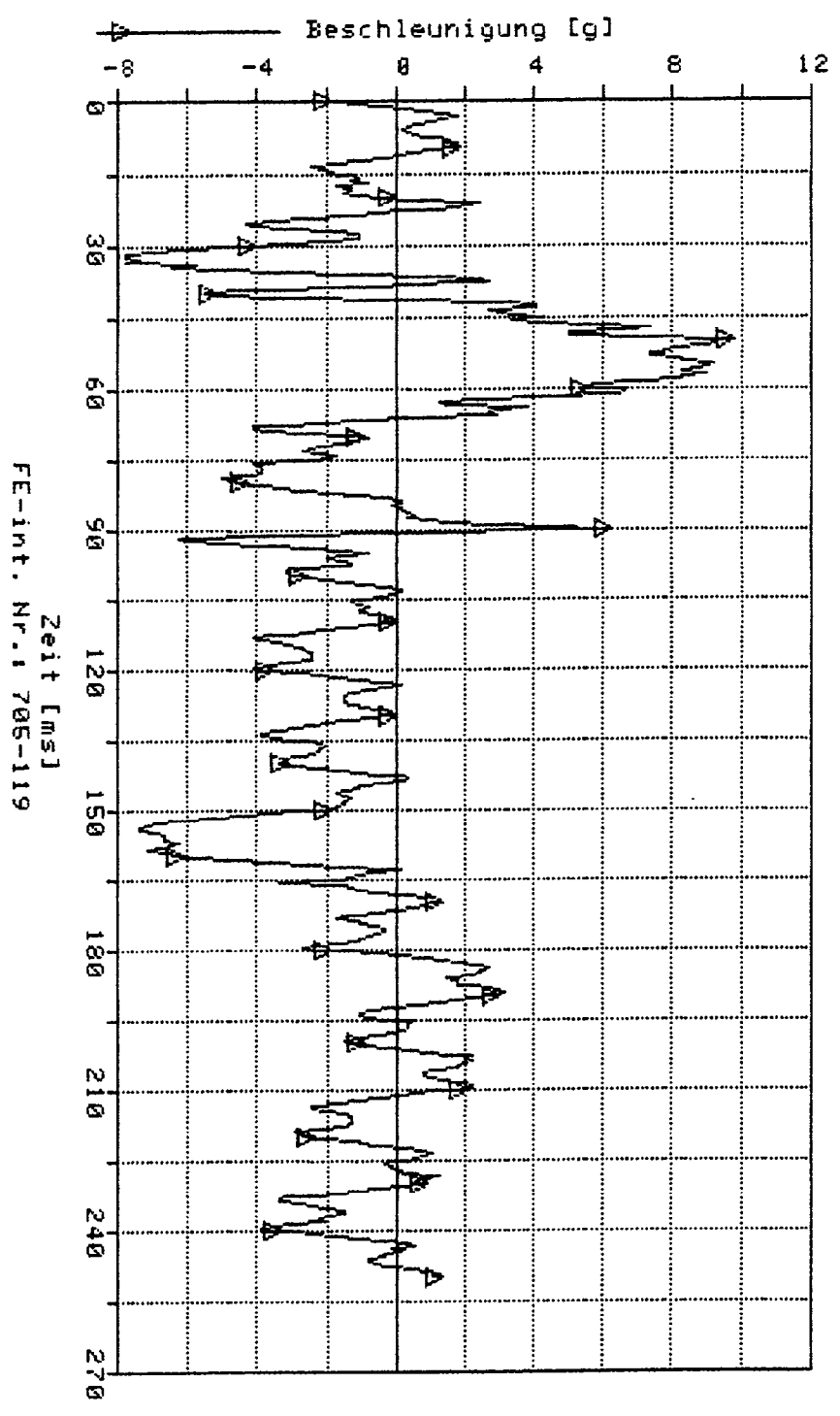
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle.....  
 VI TU01Z Summe Wirbels.unt. BE g 9.430 50.0 8.73

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



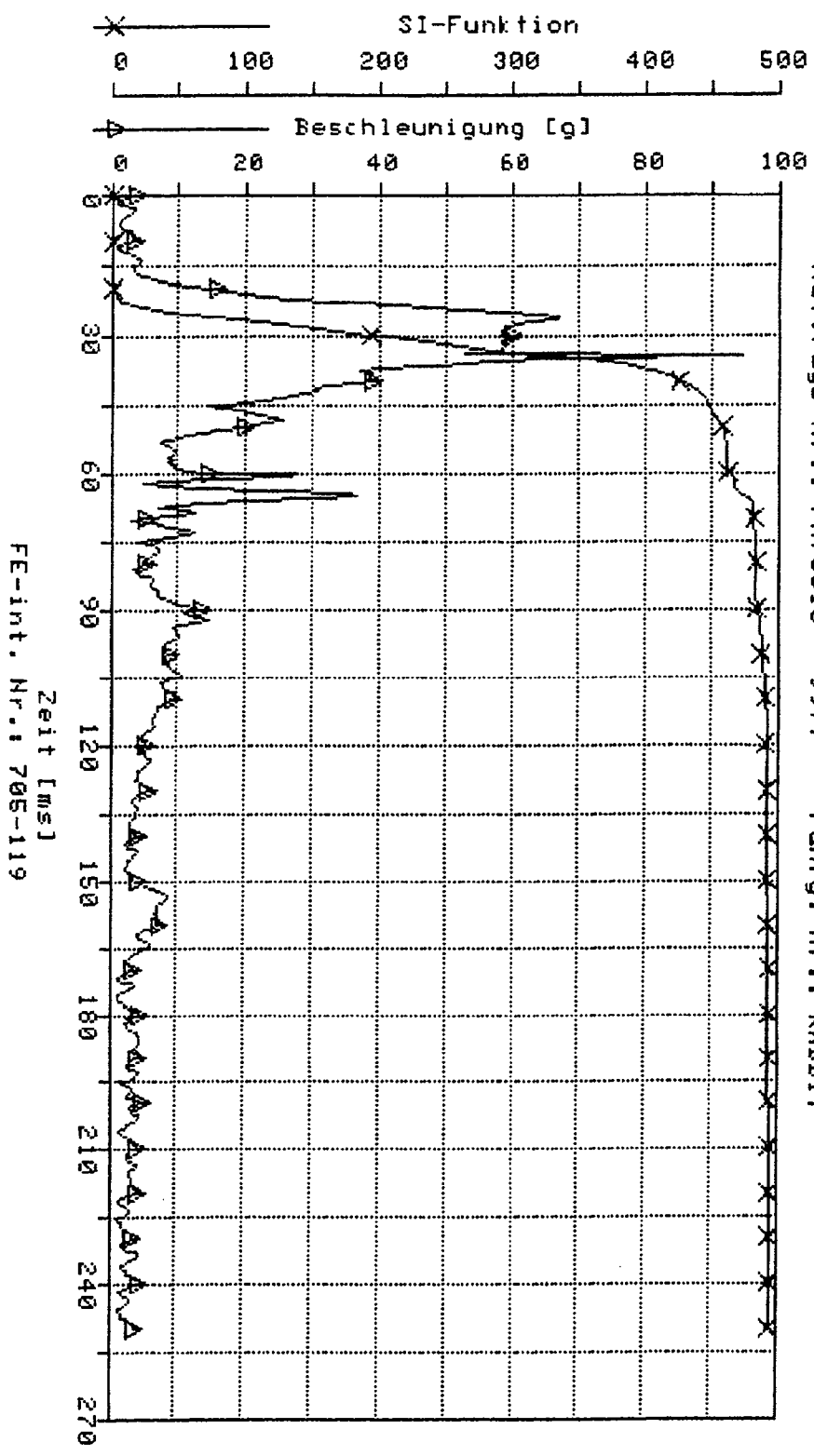
VI TU01Z

Summe Wirbels.unt.

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | TU01 X Y Z  | Groesse            |          | Extr. |       |
| V1 | TU01 X Y Z  | BE g               | 94.114   | 34.5  | 60.88 |
|    |             | Summe Wirbels.unt. | 493.901  | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

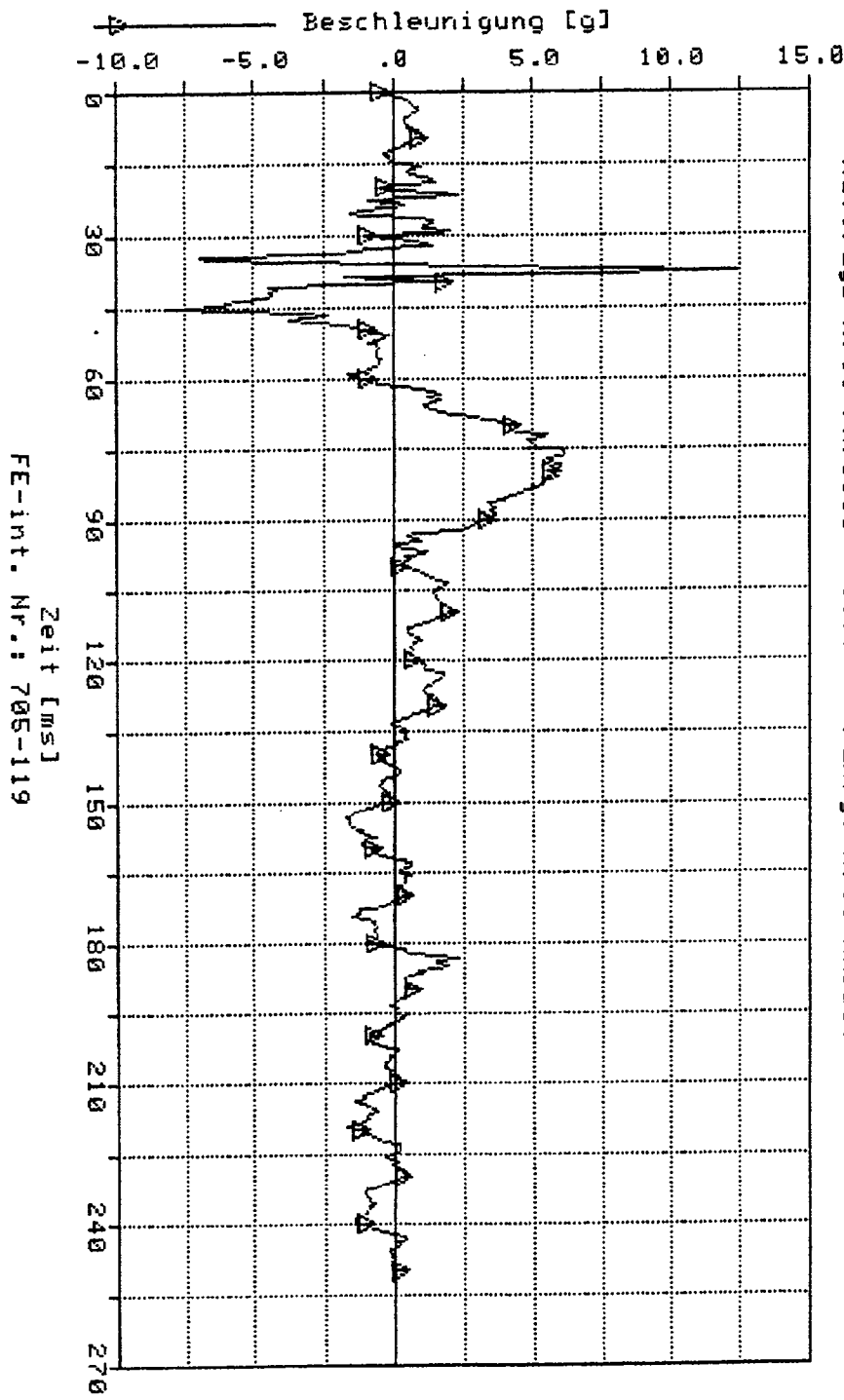


|   |    |            |                    |
|---|----|------------|--------------------|
| △ | V1 | TU01 X Y Z | Summe Wirbels.unt. |
| × | V1 | TU01 X Y Z | Summe Wirbels.unt. |

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 BE01X Summe Becken BE g 12.466 38.0 6.65

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



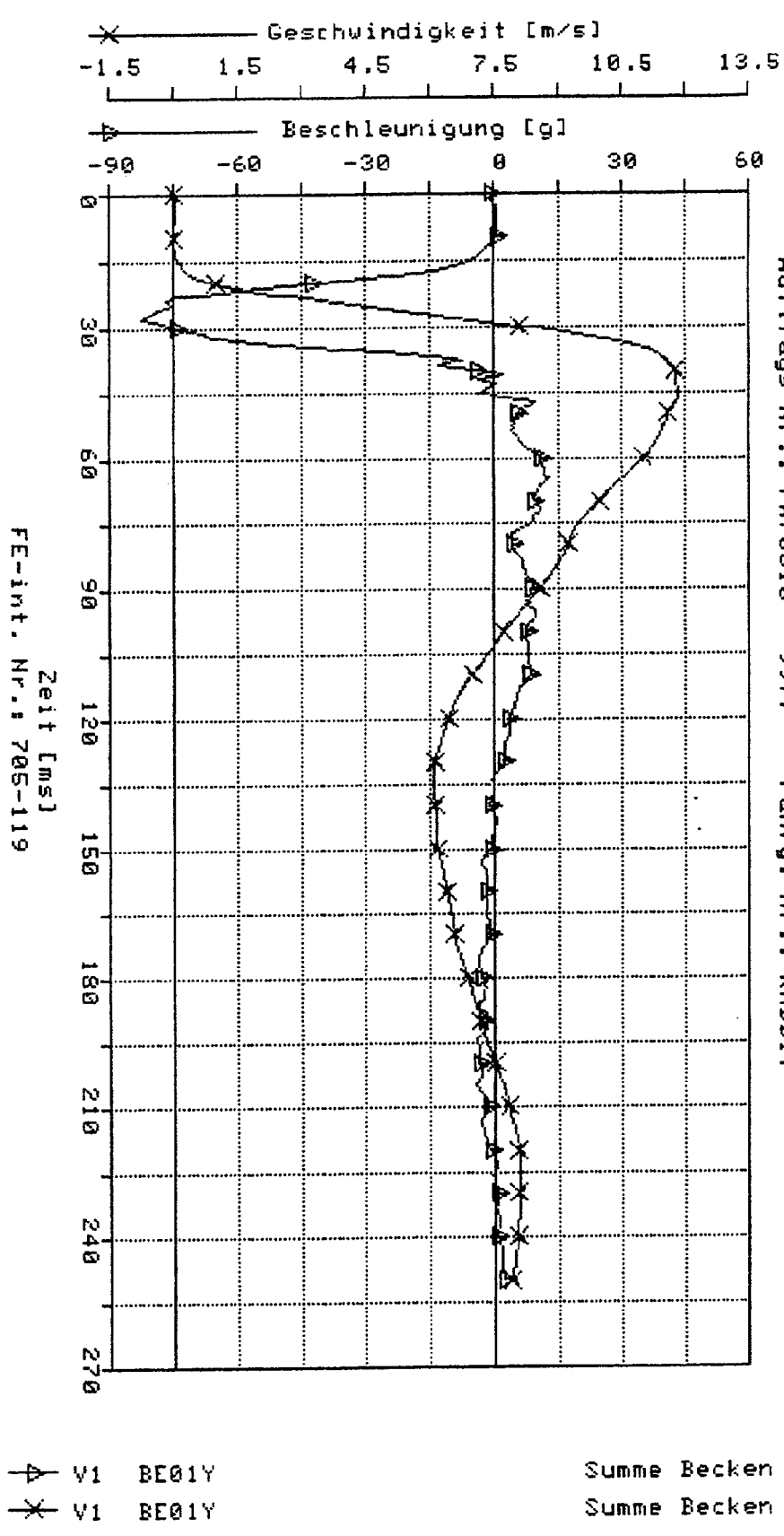
Summe Becken

V1 BE01X

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle ..... ber. Extremum t SMS  
 V1 BE01Y Summe Becken BE 9 -82.610 28.0 77.30  
 V1 BE01Y Summe Becken GE m/s 11.847 46.0 0.00

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

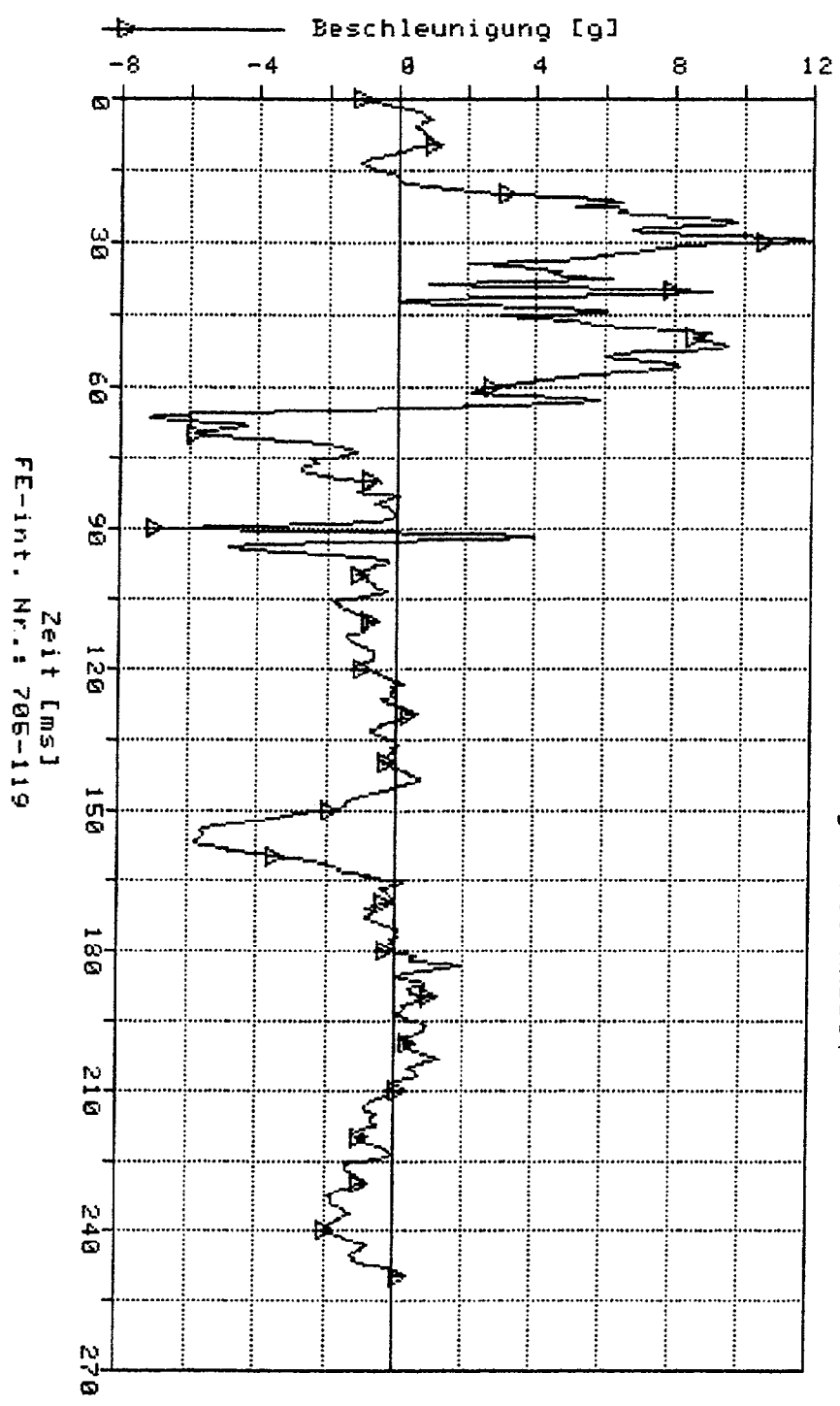




Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle ..... ber. Extremum t 3MS  
 V1 BE01Z Summe Becken BE g 11.936 Extr. 29.5 9.36

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



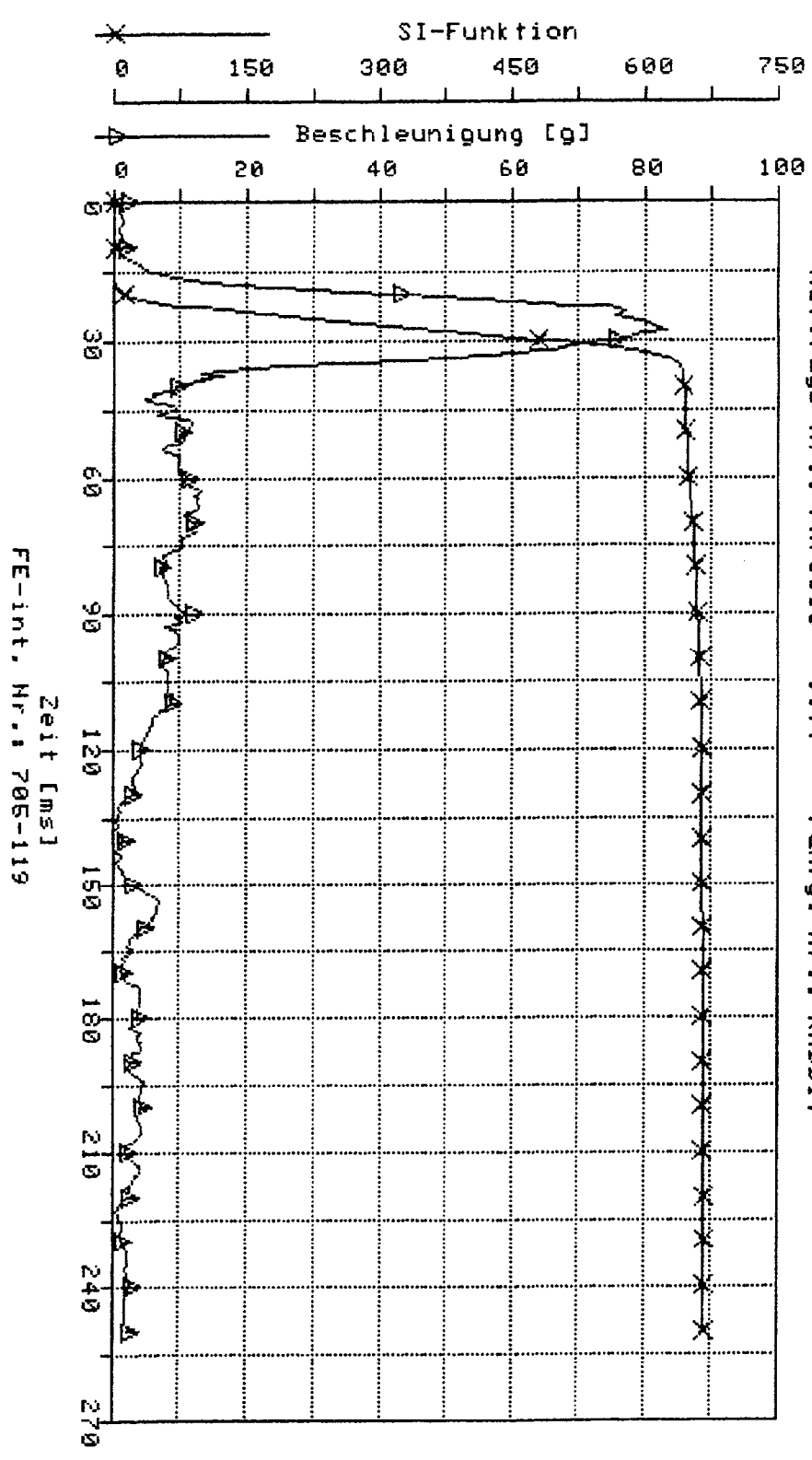
V1 BE01Z

Summe Becken

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

|    |             |              |          |      |         |
|----|-------------|--------------|----------|------|---------|
| UP | Mess-Stelle | ber.         | Extremum | t    | 3MS     |
| V1 | BE01 X Y Z  | Groesse      |          | Ext. |         |
| V1 | BE01 X Y Z  | Summe Becken | BE       | g    | 82.929  |
| V1 | BE01 X Y Z  | Summe Becken | SI       |      | 666.308 |
|    |             |              |          |      | 250.0   |
|    |             |              |          |      | 78.18   |
|    |             |              |          |      | 0.00    |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

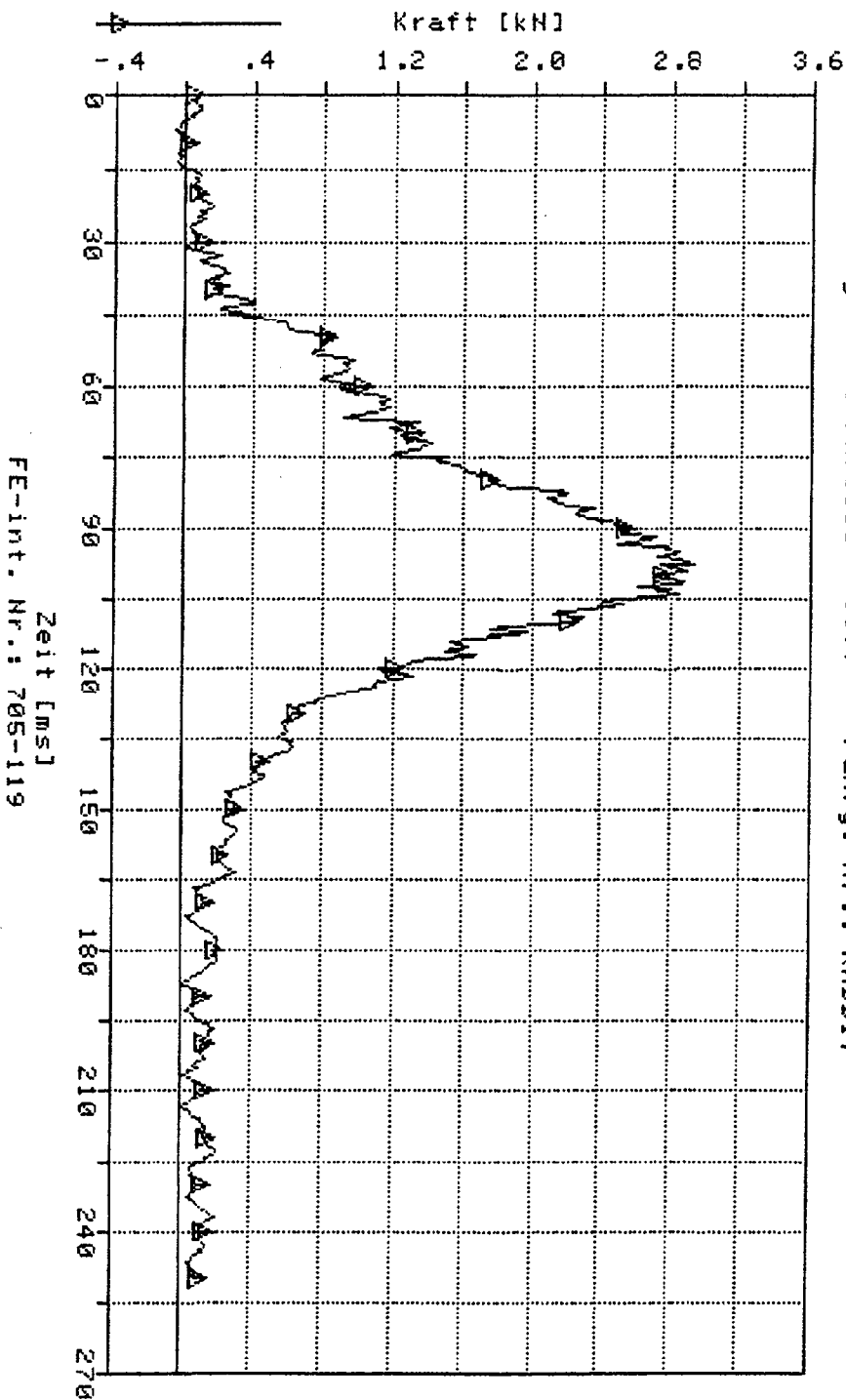


▲ V1 BE01 X Y Z Summe Becken  
 ✕ V1 BE01 X Y Z Summe Becken

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-Int. NR.: 705-119

UP Mess-Stelle ..... ber. Extremum t SMS  
 V1 GU013A Summe Gurt Schult.auss KR KN 2.934 97.5 0.00

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



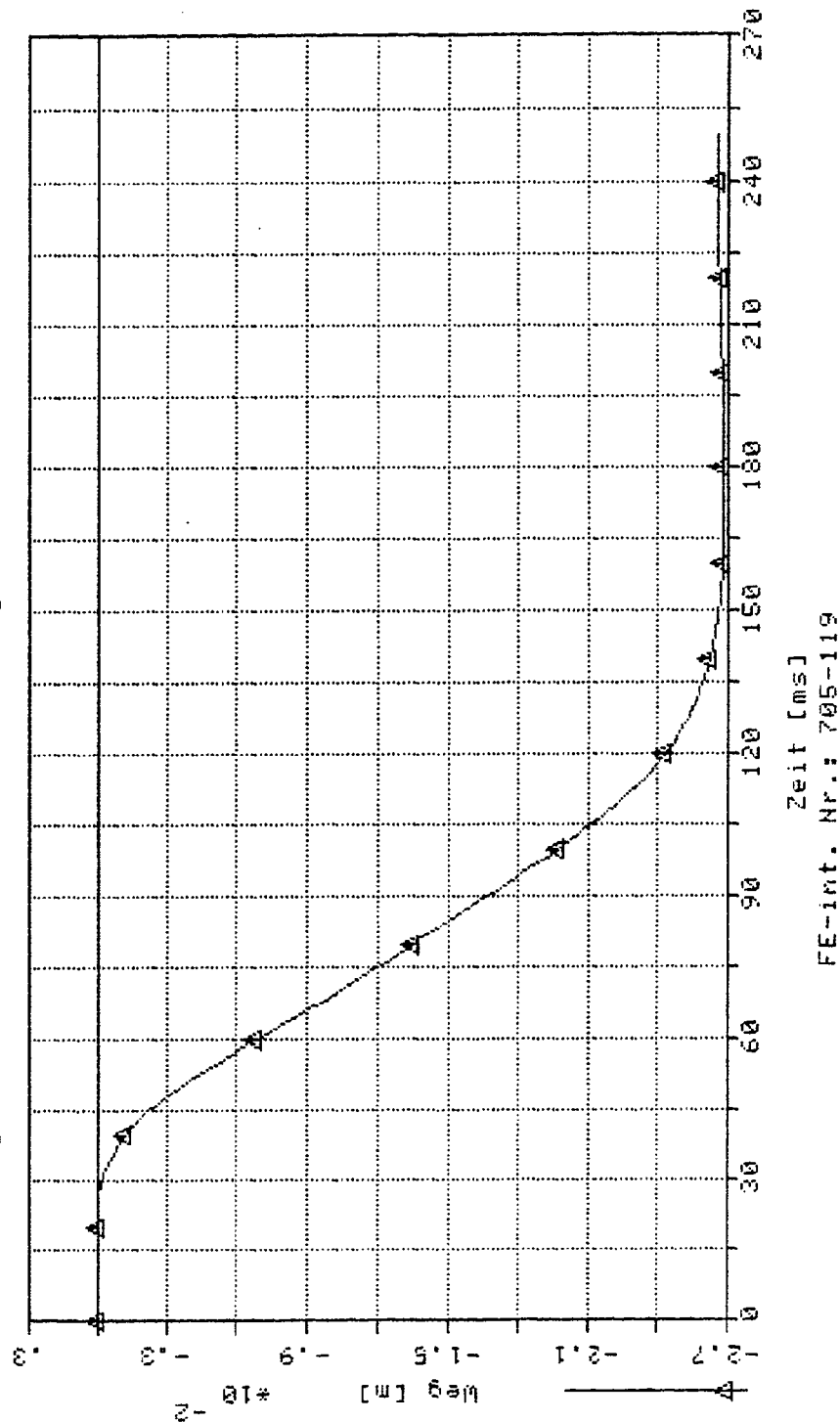
V1 GU013A

Summe Gurt Schult.auss

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 WE01Y Summe Wegpoti.Brust WE m - .027 Extr. 172.0 0.00

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Summe Wegpoti.Brust

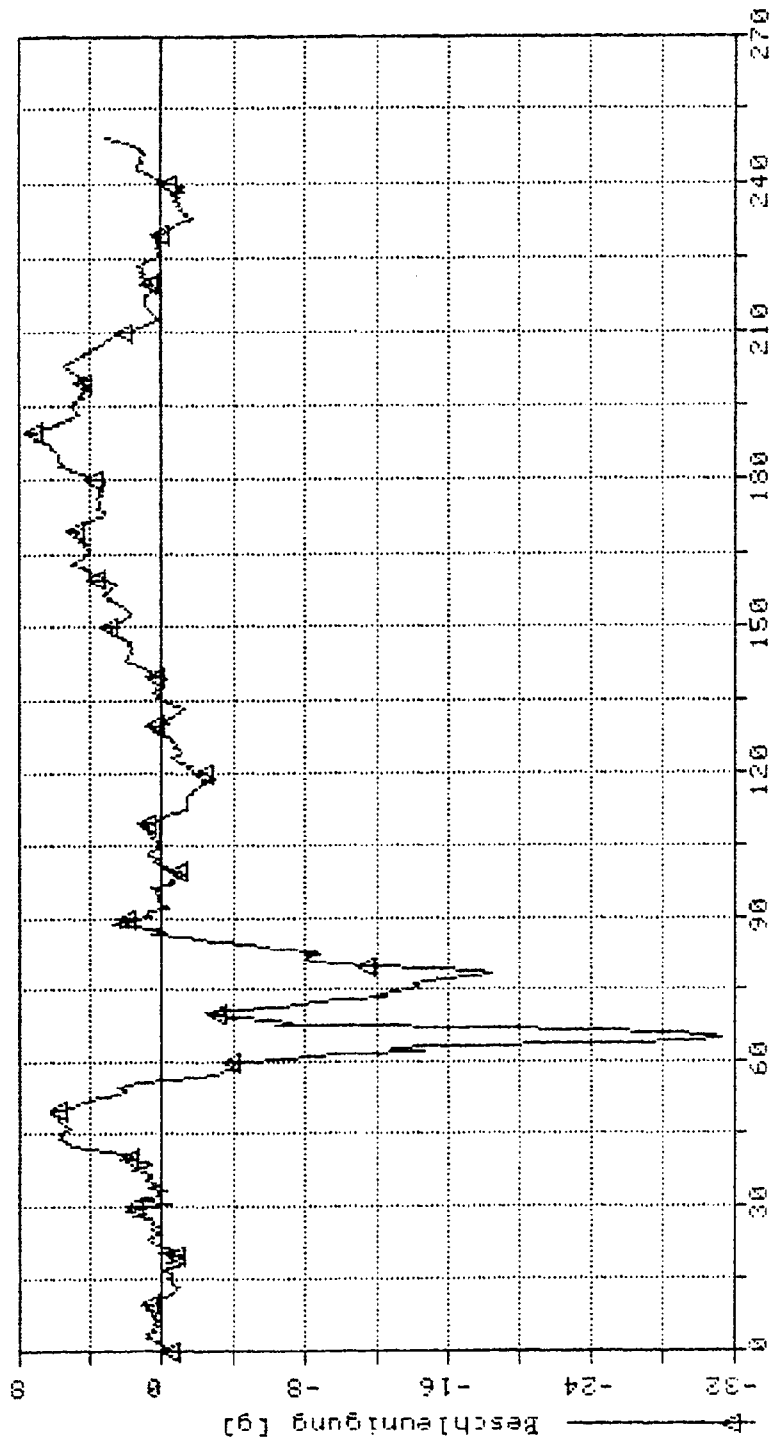
V1 WE01Y

R E A R   P A S S E N G E R

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 K003X Summe Kopf BE g -31.262 65.0 18.49

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Zeit [ms]  
 FE-int. Nr.: 705-119

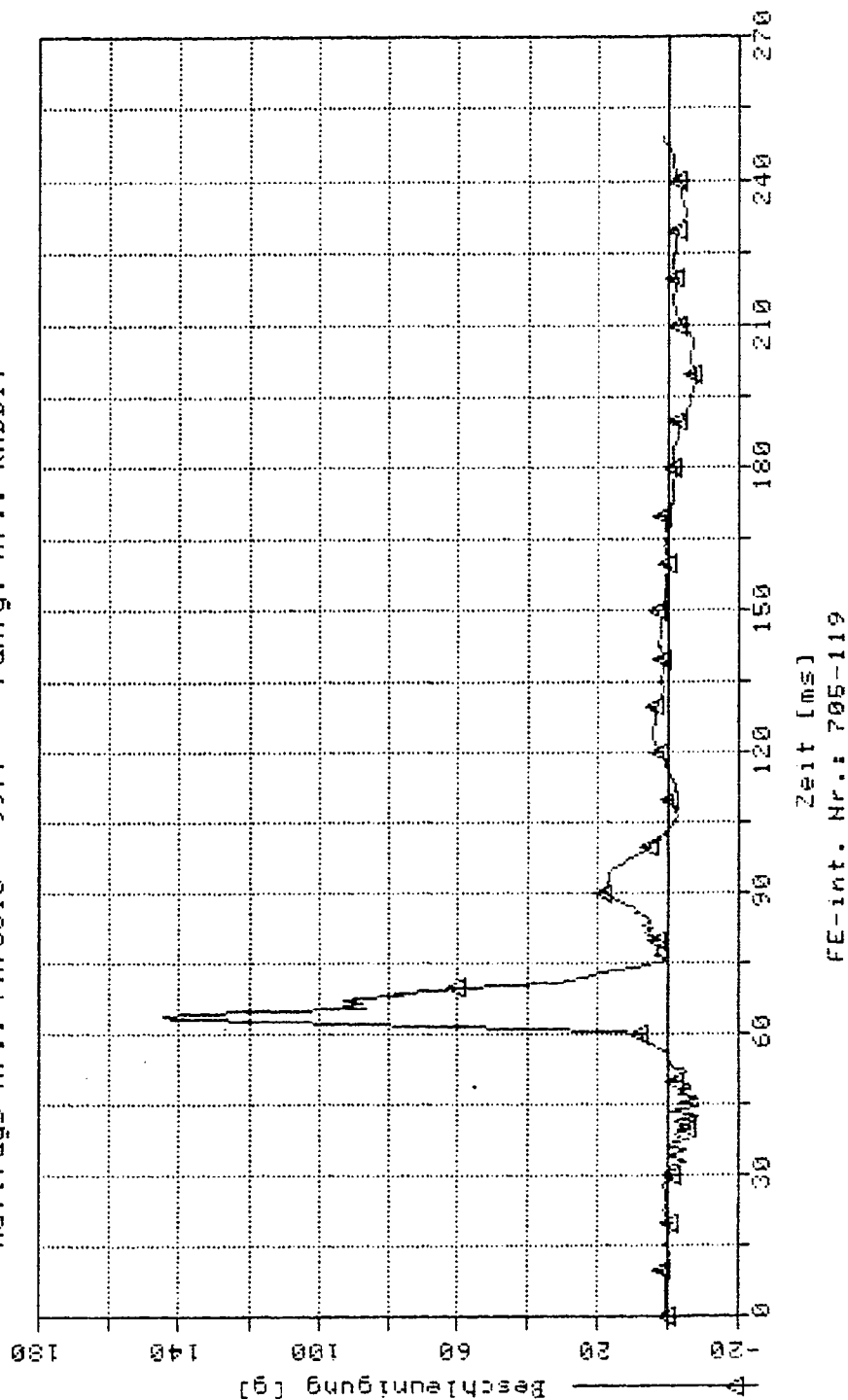
Summe Kopf

V1 K003X

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

|    |                  |            |          |       |       |
|----|------------------|------------|----------|-------|-------|
| UP | Mess-Stelle..... | ber.       | Extremum | t     | 3MS   |
| V1 | K003Y            | Summe Kopf | Groesse  | Extr. |       |
|    |                  | BE         | g        | 63.4  | 98.90 |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Summe Kopf

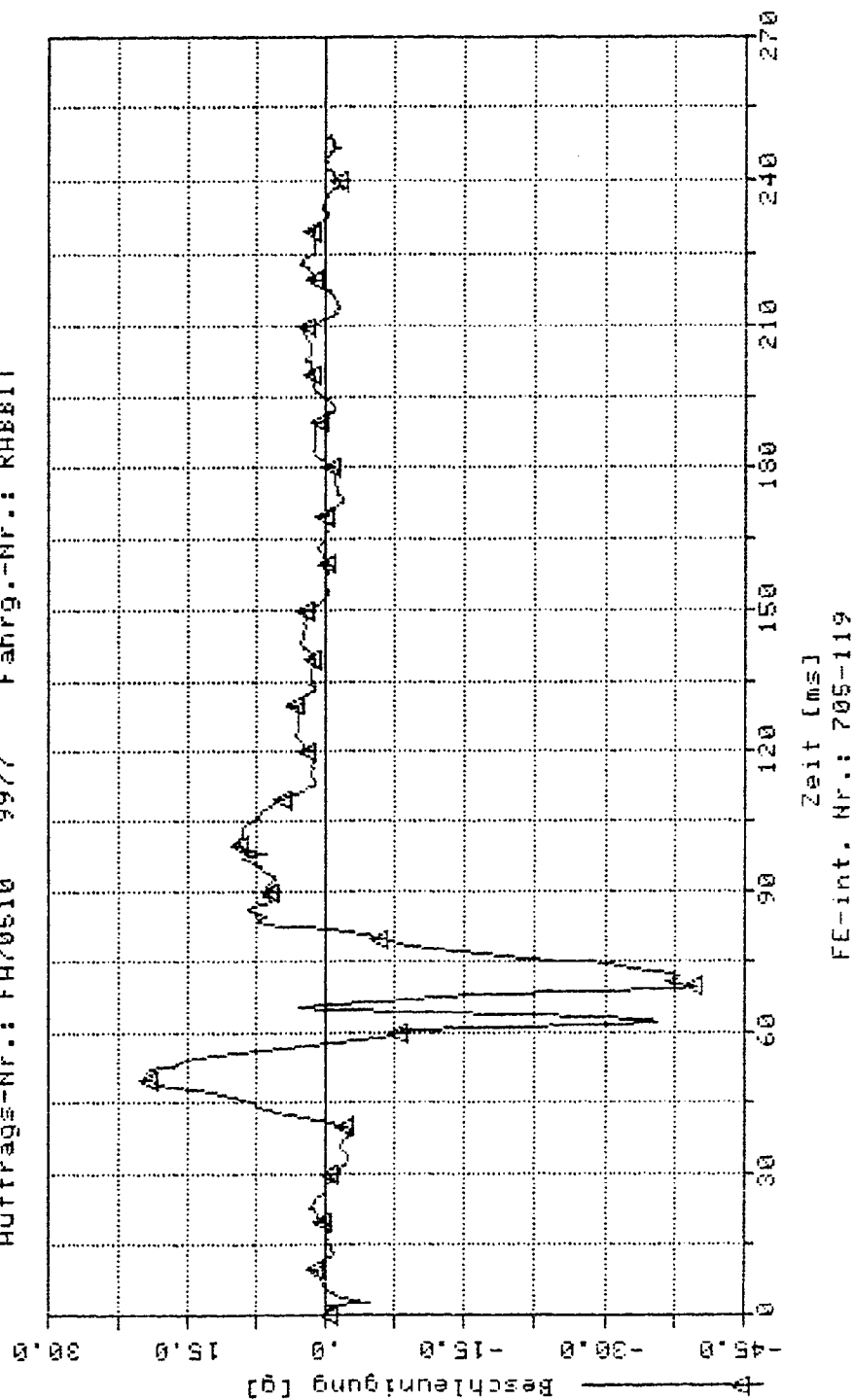
V1 K003Y

FE-int. Nr.: 705-119

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber.. Extremum t 3MS  
 V1 K003Z Summe Kopf BE g -41.669 70.7 35.48

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Summe Kopf

V1 K003Z

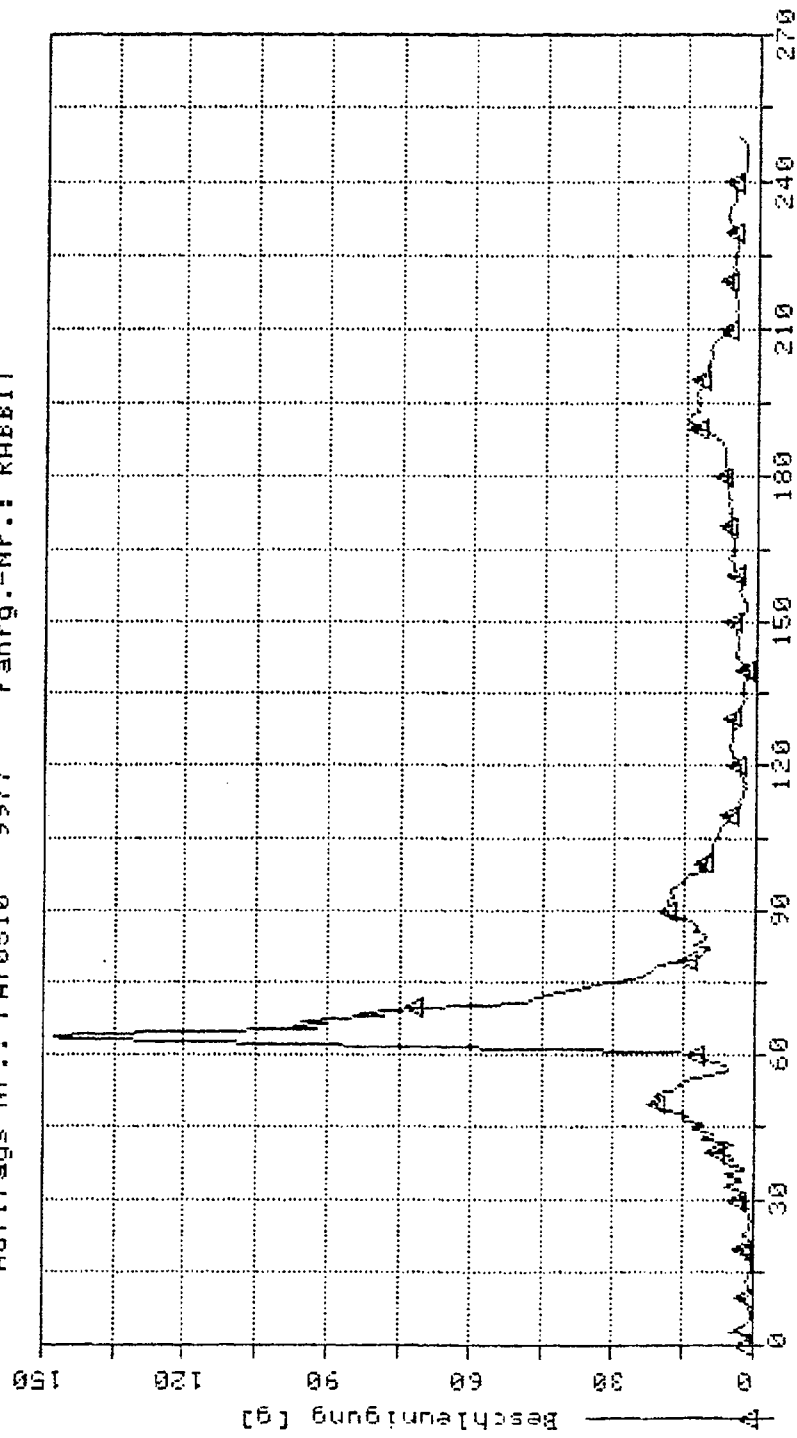


Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

|                     |                  |         |          |       |        |
|---------------------|------------------|---------|----------|-------|--------|
| UP                  | Mess-Stelle..... | ber.    | Extremum | t     | 3MS    |
| V1                  | K003 X Y Z       | Groesse |          | Extr. |        |
| HIC,K003,0:250,0.05 | Summe Kopf       | BE g    | 147.838  | 64.0  | 103.61 |

HIC = 822.6 t0 = 61.65 t1 = 70.77

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



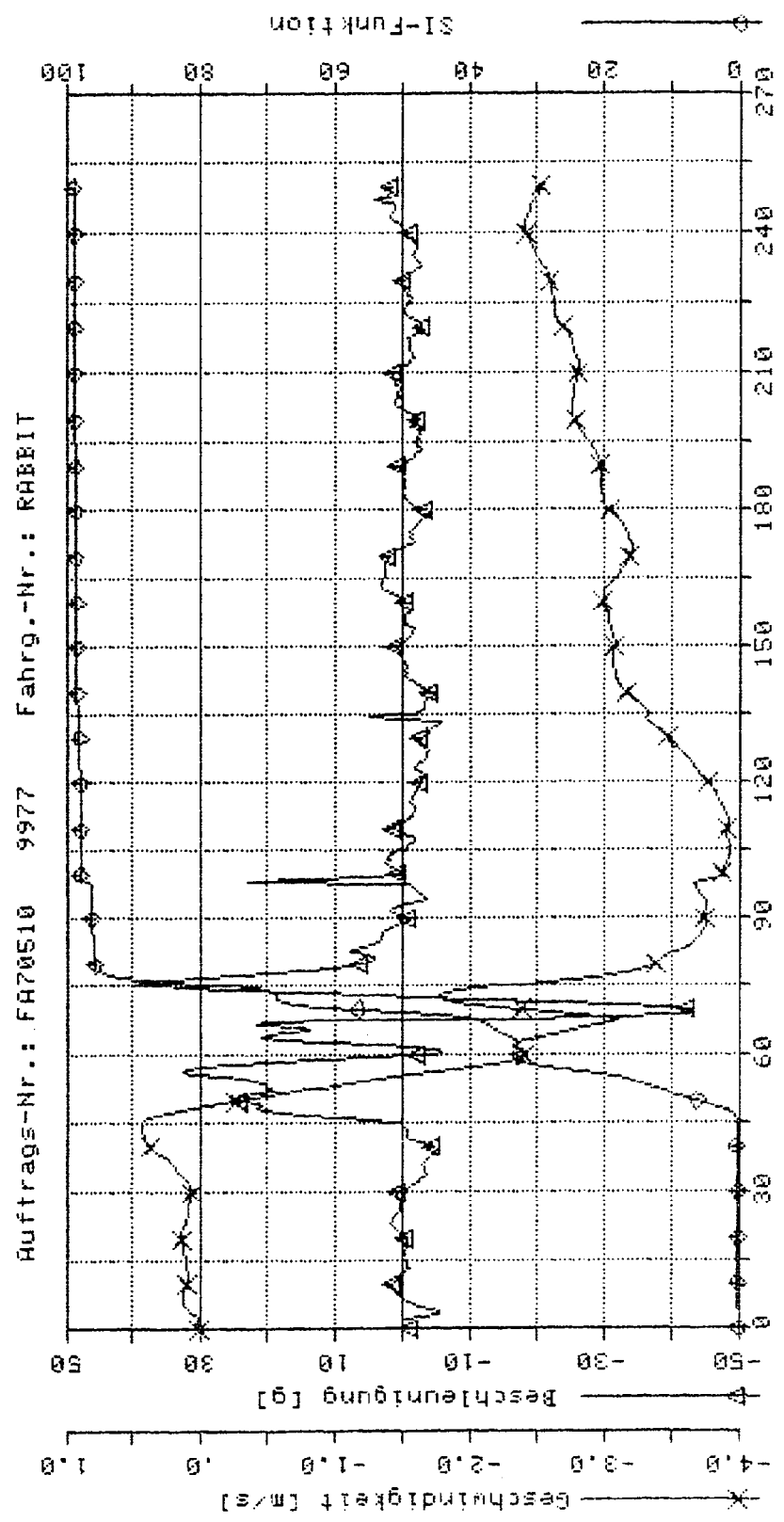
Zeit [ms]  
 FE-int. Nr.: 705-119

Summe Kopf

V1 K003 X Y Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.              | Extremum | r       | 3MS   |
|----|-------------|-------------------|----------|---------|-------|
| V1 | B003X       | Summe B003X       | BE g     | -43.321 | 69.5  |
| V1 | B003X       | Summe Brustb.oben | GE m/s   | -3.938  | 105.0 |
| V1 | B003X       | Summe Brustb.oben | SI       | 98.848  | 250.0 |
| V1 | B003X       |                   |          |         | 0.00  |
| V1 | B003X       |                   |          |         | 0.00  |



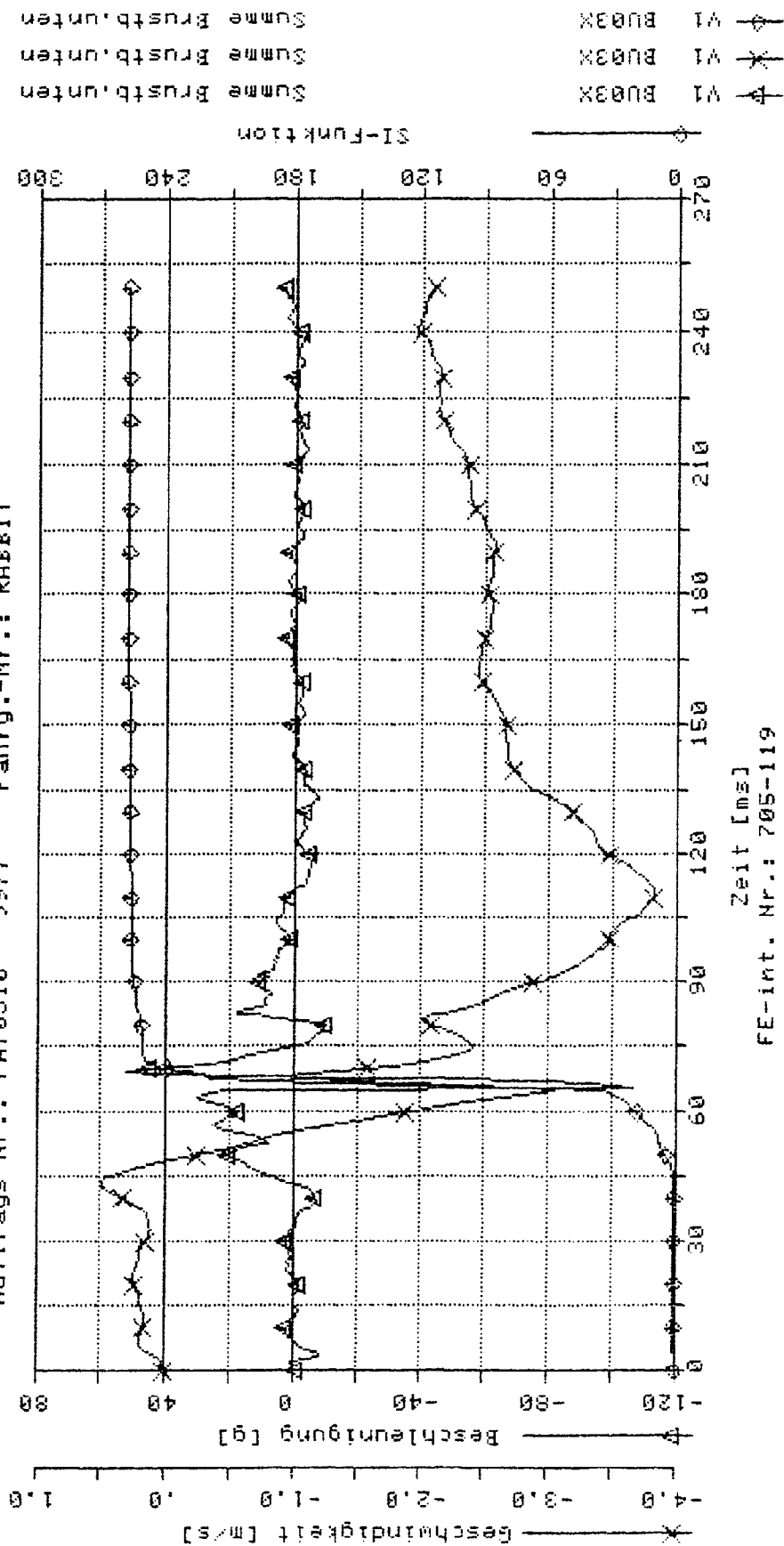
Zeit [ms]  
 FE-int. Nr.: 705-119

Summe B003X  
 Summe Brustb.oben  
 Summe Brustb.oben  
 V1 B003X  
 V1 B003X  
 V1 B003X

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

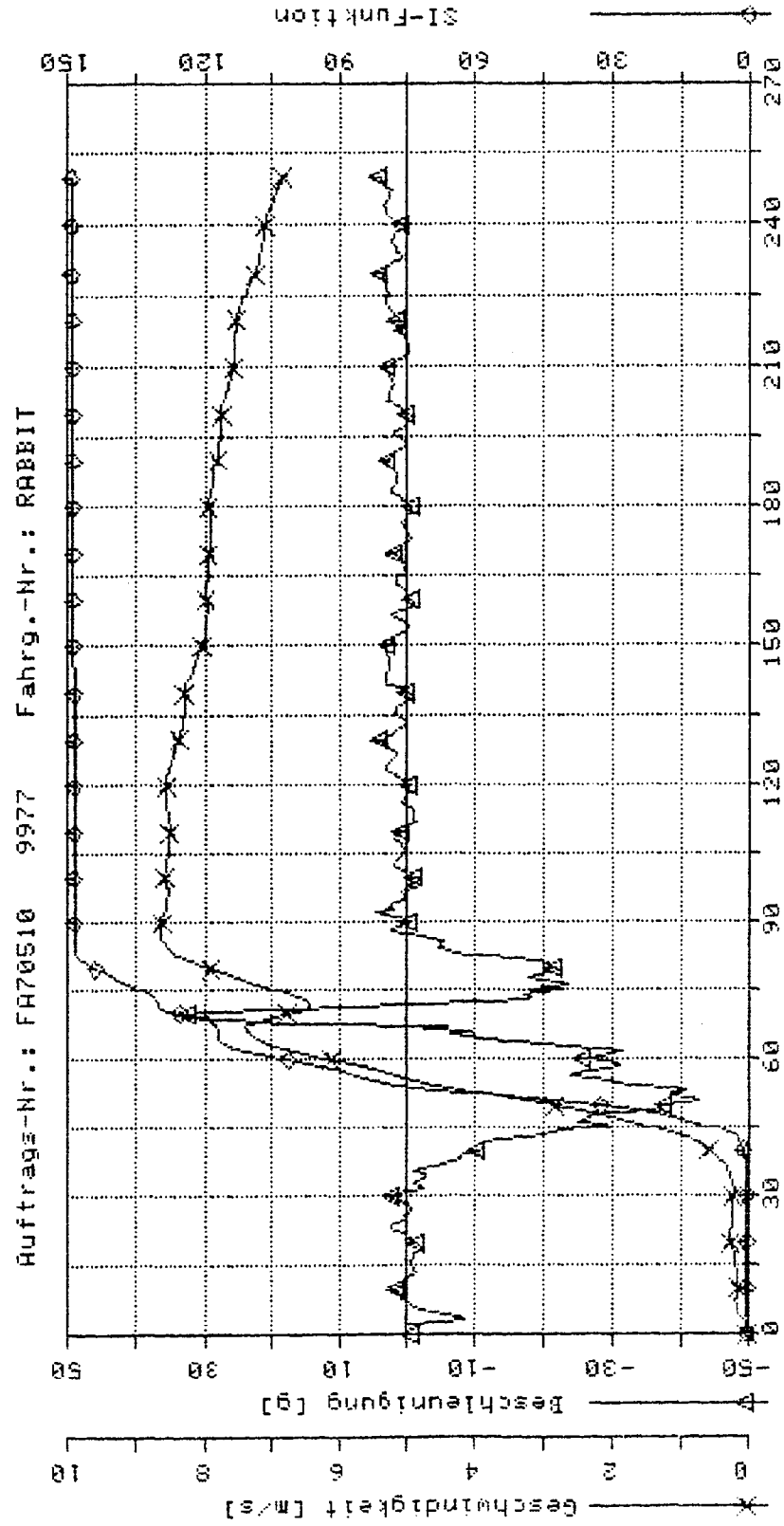
| UP | Mess-Stelle | ber.                | Extremum | t     | 3MS   |
|----|-------------|---------------------|----------|-------|-------|
| V1 | BU03X       | Summe Brustb. unten | -106.93  | 65.5  | 44.51 |
| V1 | BU03X       | Summe Brustb. unten | -3.826   | 111.5 | 0.00  |
| V1 | BU03X       | Summe Brustb. unten | 257.663  | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.              | Extremum | t       | 3MS   |
|----|-------------|-------------------|----------|---------|-------|
| V1 | L003Y       |                   |          |         |       |
| V1 | L003Y       | Summe Rippe li.ob | Groesse  | Extr.   |       |
| V1 | L003Y       | Summe Rippe li.ob | BE g     | 51.0    | 38.63 |
| V1 | L003Y       | Summe Rippe li.ob | GE m/s   | 87.5    | 0.00  |
| V1 | L003Y       | Summe Rippe li.ob | SI       | 149.012 | 250.0 |



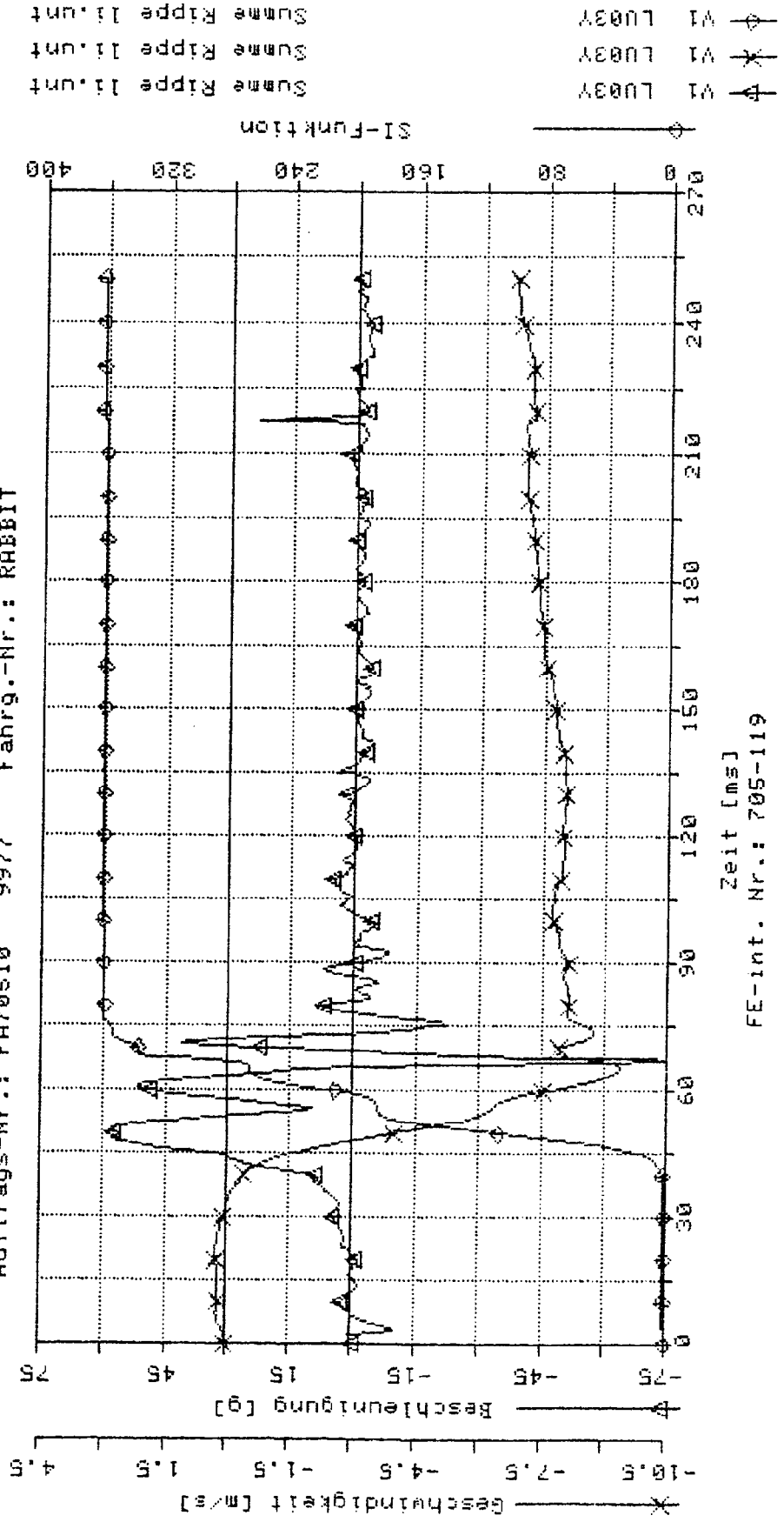
Zeit [ms]  
 FE-int. Nr.: 705-119

V1 L003Y  
 V1 L003Y  
 V1 L003Y

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | LU03Y       | Summe Rippe li.unt | -74.512  | 67.0  | 56.84 |
| V1 | LU03Y       | Summe Rippe li.unt | -9.407   | 65.5  | 0.00  |
| V1 | LU03Y       | Summe Rippe li.unt | 362.900  | 250.0 | 0.00  |

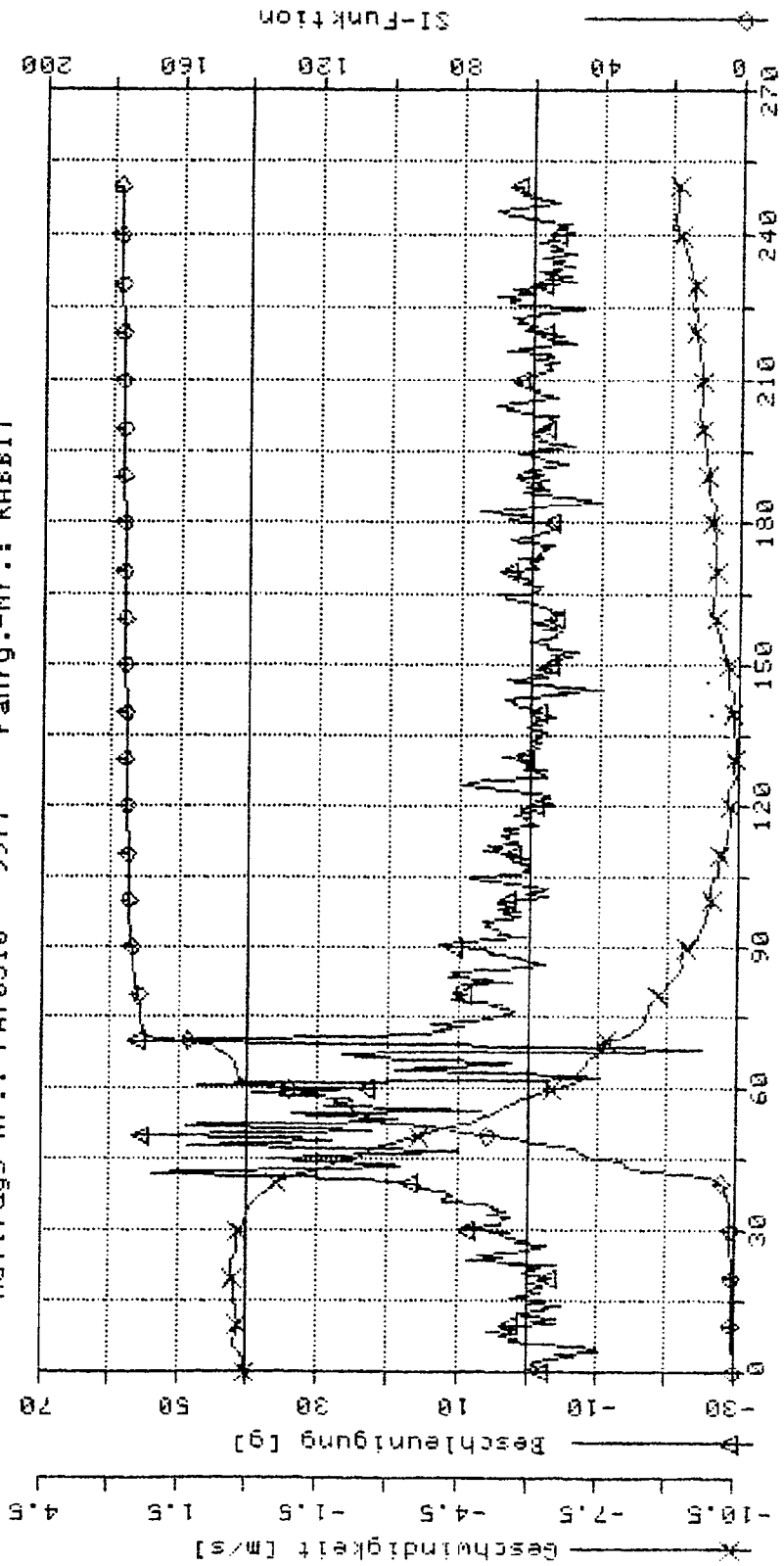
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.              | Extremum | t     | 3MS   |
|----|-------------|-------------------|----------|-------|-------|
| V1 | R003Y       | Summe Rippe re.ob | 55.869   | 70.0  | 47.13 |
| V1 | R003Y       | Summe Rippe re.ob | -10.457  | 132.0 | 0.00  |
| V1 | R003Y       | Summe Rippe re.ob | 177.872  | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



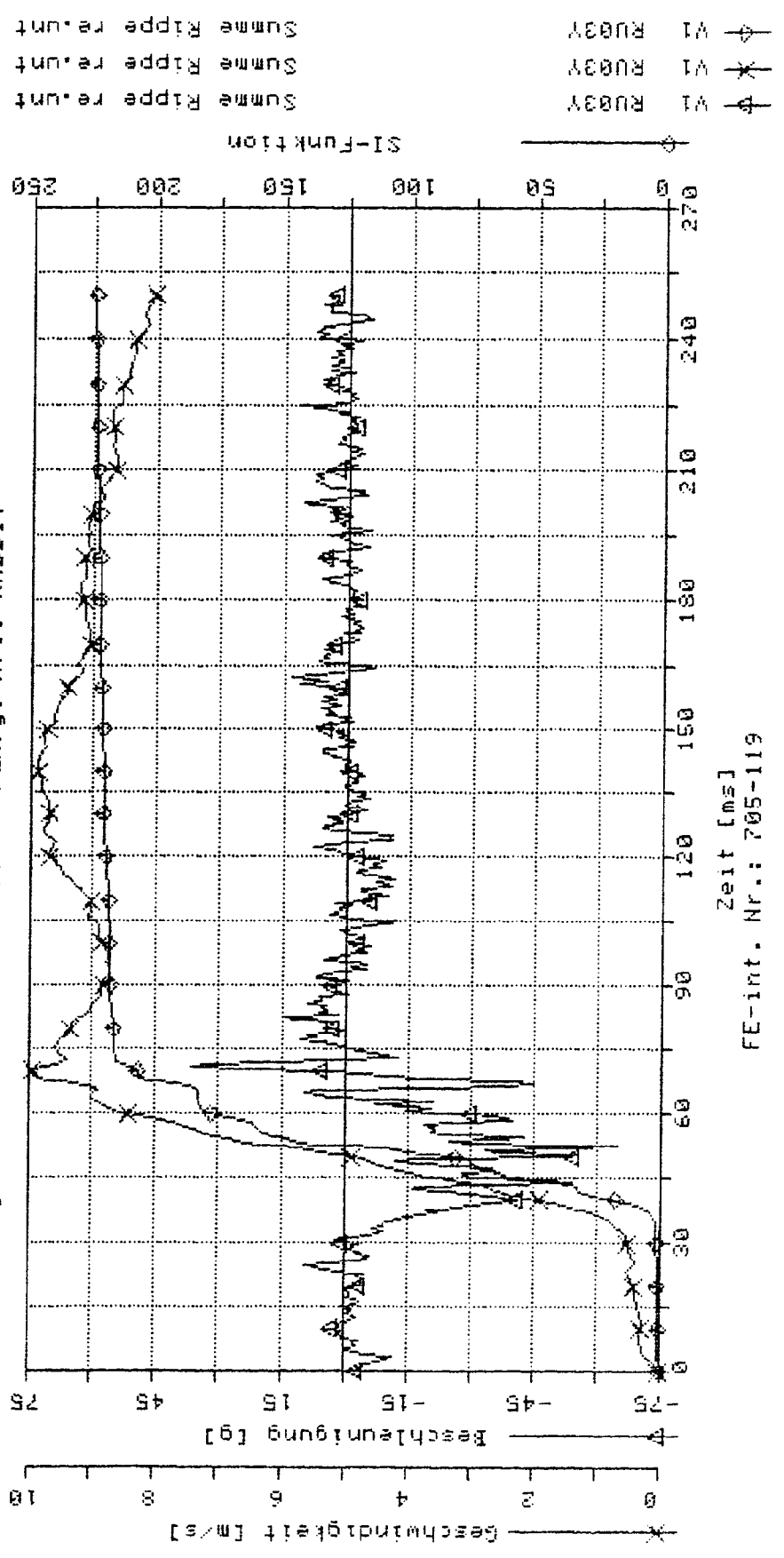
Zeit [ms]  
 FE-int. Nr.: 705-119

V1 R003Y Summe Rippe re.ob  
 V1 R003Y Summe Rippe re.ob  
 V1 R003Y Summe Rippe re.ob

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UF | Mess-Stelle | ber.               | Extremum | t       | 3MS   |
|----|-------------|--------------------|----------|---------|-------|
|    |             | Groesse            |          | Extr.   |       |
| V1 | RU03Y       | Summe Rippe re.unt | BE g     | 52.5    | 47.35 |
| V1 | RU03Y       | Summe Rippe re.unt | CE m/s   | 70.0    | 0.00  |
| V1 | RU03Y       | Summe Rippe re.unt | SI       | 224.675 | 0.00  |

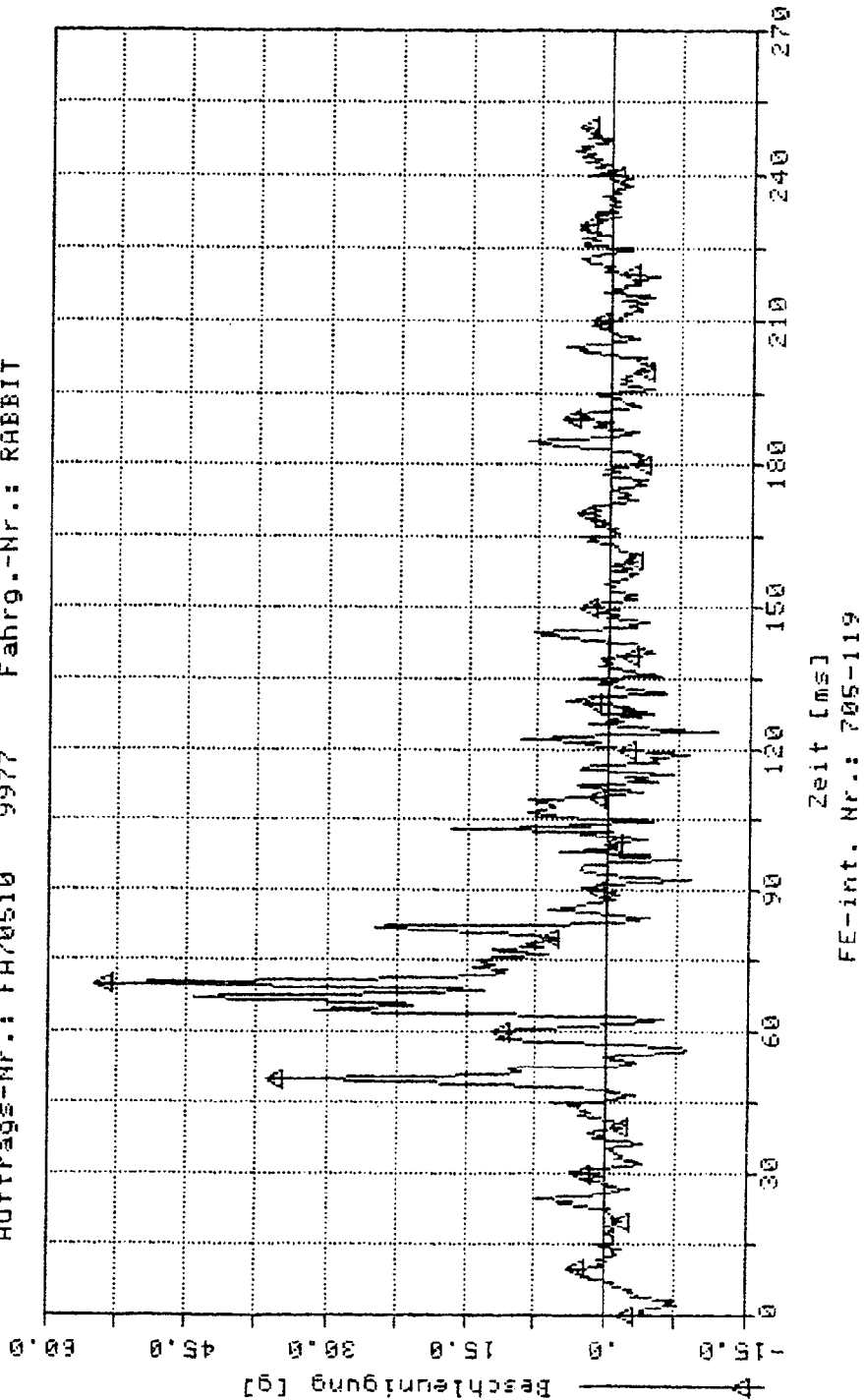
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t  
 V1 T003X Summe Wirbels.oben BE g 53.605 70.0 31.20  
 3MS

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Summe Wirbels.oben

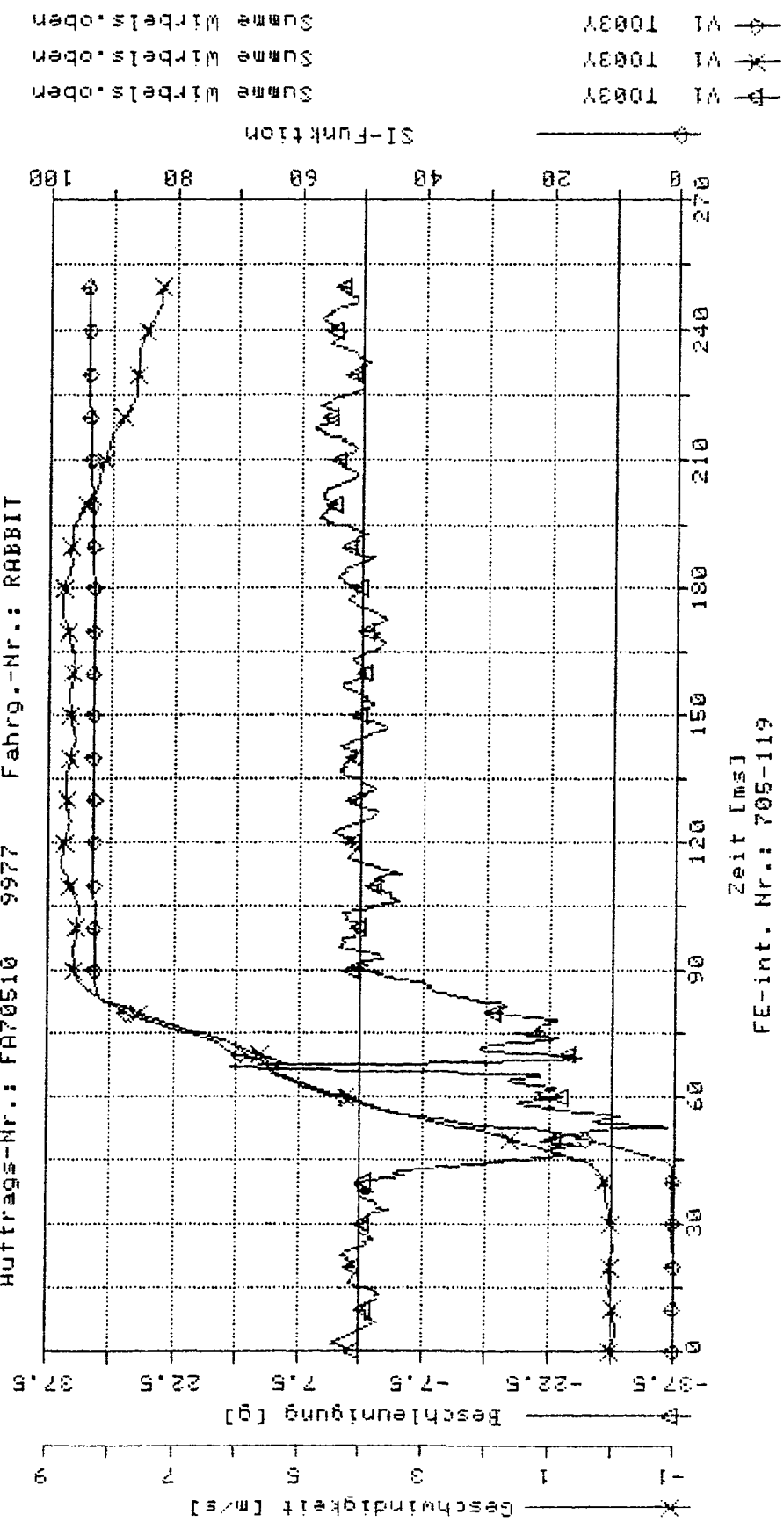
V1 T003X



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | T003Y       | Summe Wirbels.oben | BE g     | 53.0  | 28.73 |
| V1 | T003Y       | Summe Wirbels.oben | GE m/s   | 175.5 | 0.00  |
| V1 | T003Y       | Summe Wirbels.oben | SI       | 250.0 | 0.00  |

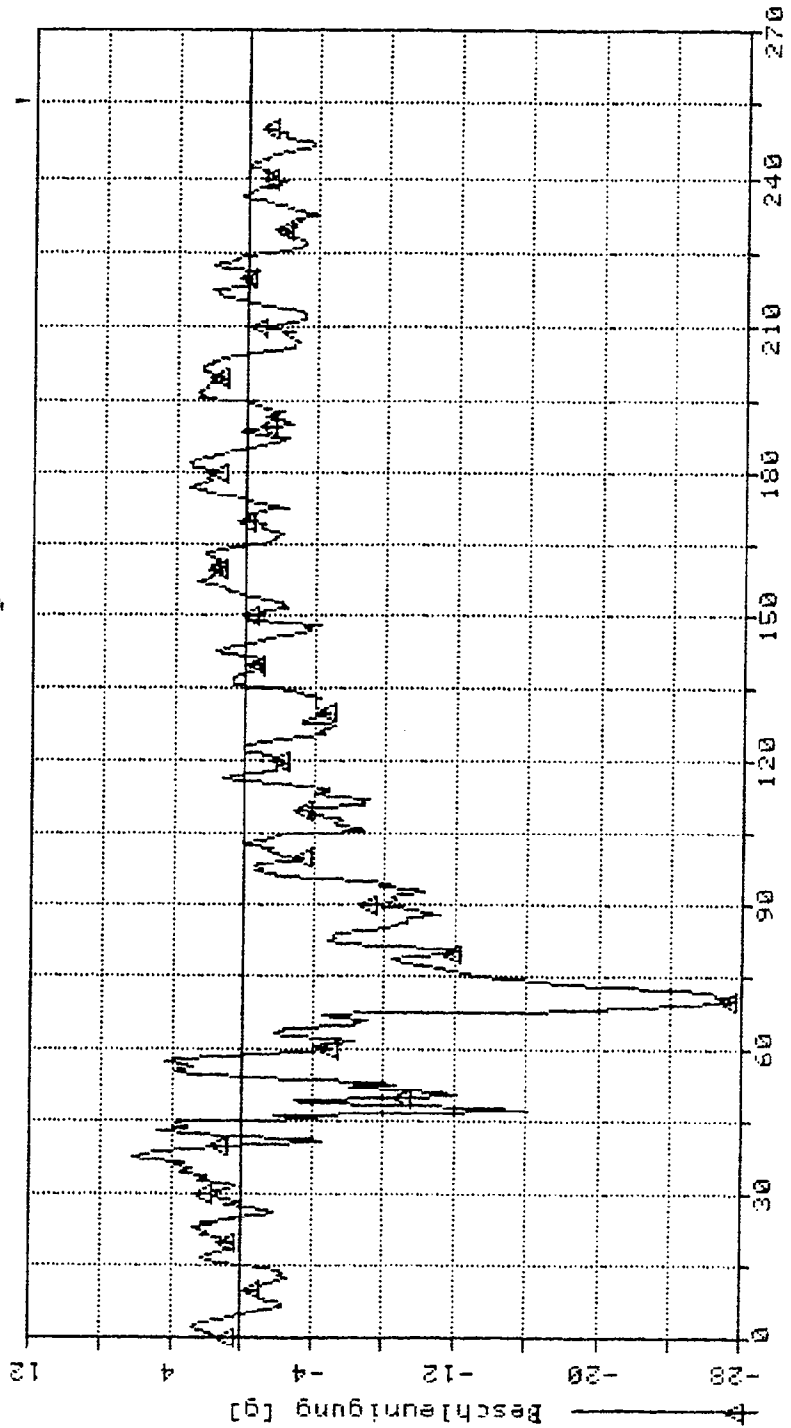
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 T003Z Summe Wirbels.oben BE g -27.736 70.5 24.05

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



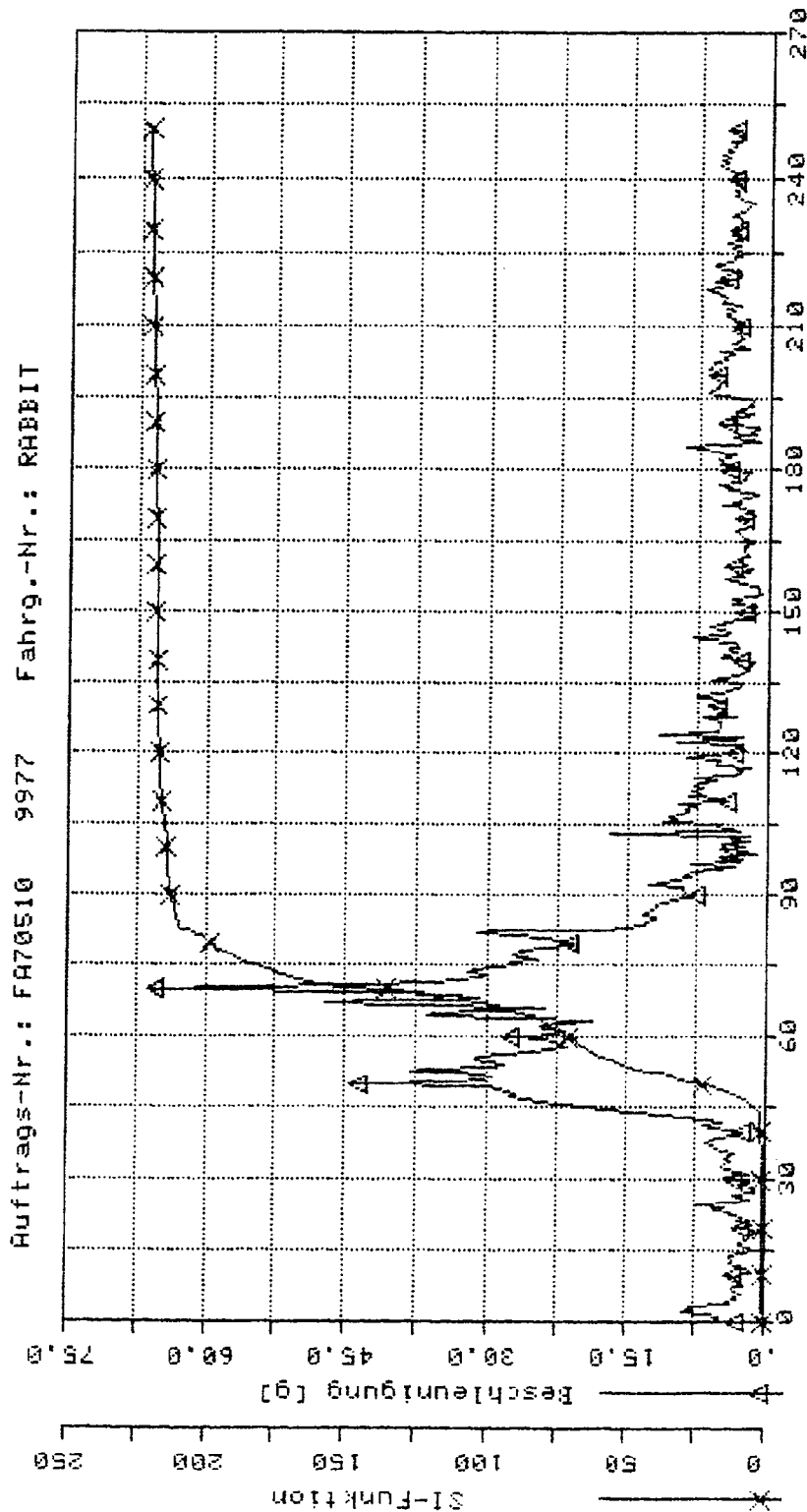
Zeit [ms]  
 FE-int. Nr.: 705-119

Summe Wirbels.oben

V1 T003Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | 3MS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | T003 X Y Z  | Summe Wirbels.oben | 65.192   | 70.0  | 40.12 |
| V1 | T003 X Y Z  | Summe Wirbels.oben | 221.928  | 250.0 | 0.00  |



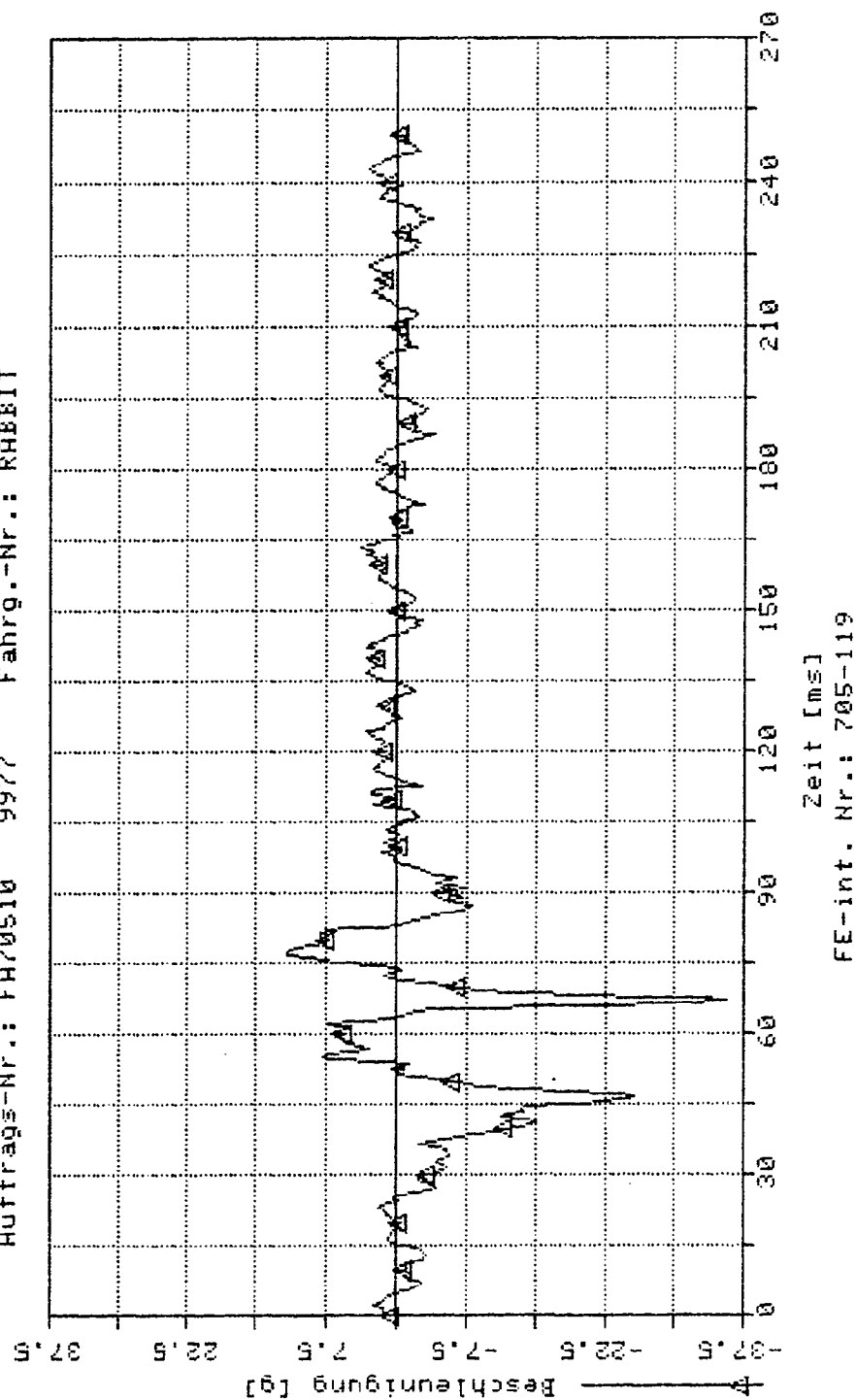
Zeit [ms]  
 FE-int. Nr.: 705-119

Summe Wirbels.oben  
 Summe Wirbels.oben  
 V1 T003 X Y Z  
 V1 T003 X Y Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 TU03X Summe Wirbels.unt. BE g -35.712 67.0 24.03

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

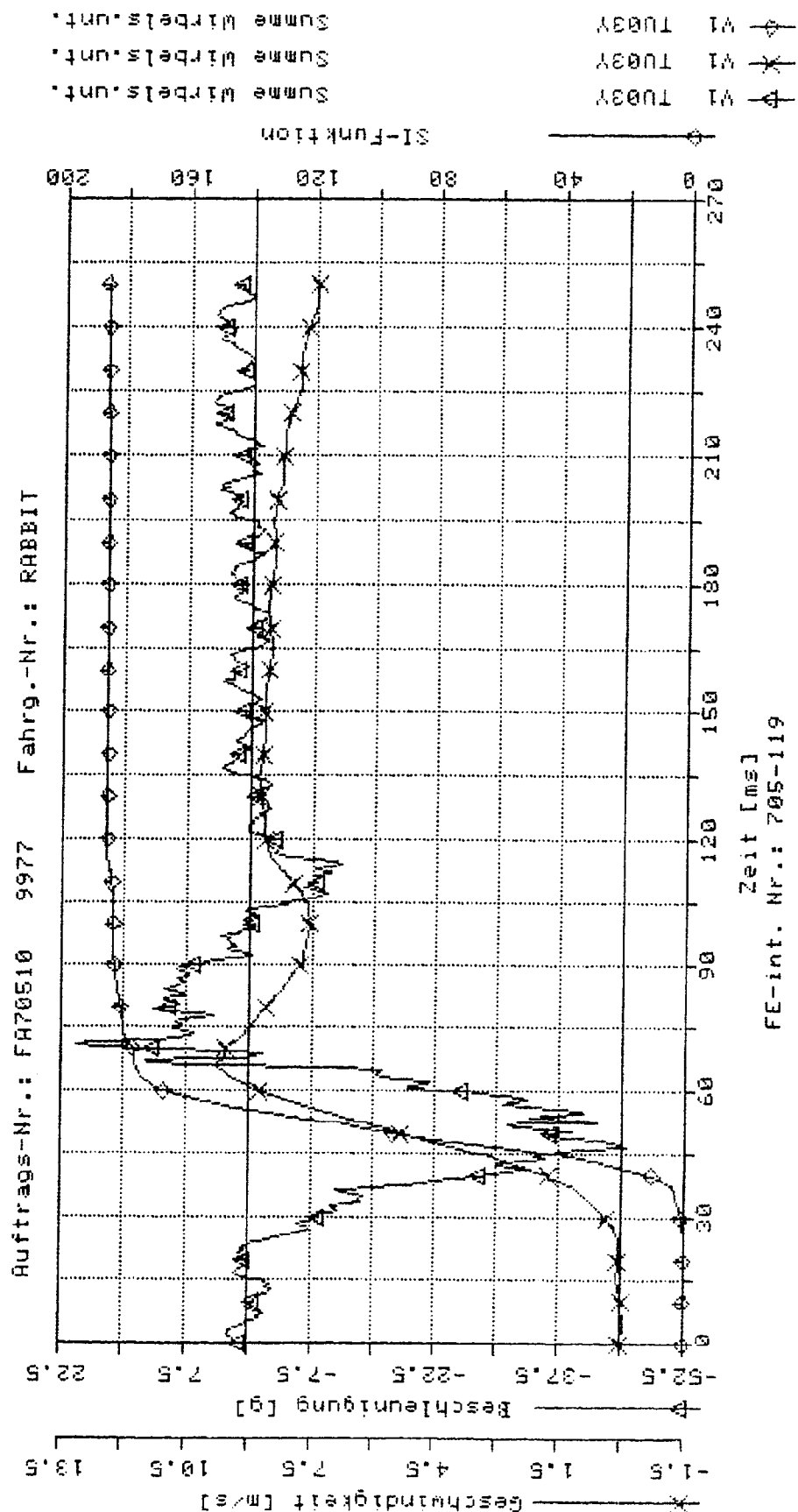


Summe Wirbels.unt.

V1 TU03X 4

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

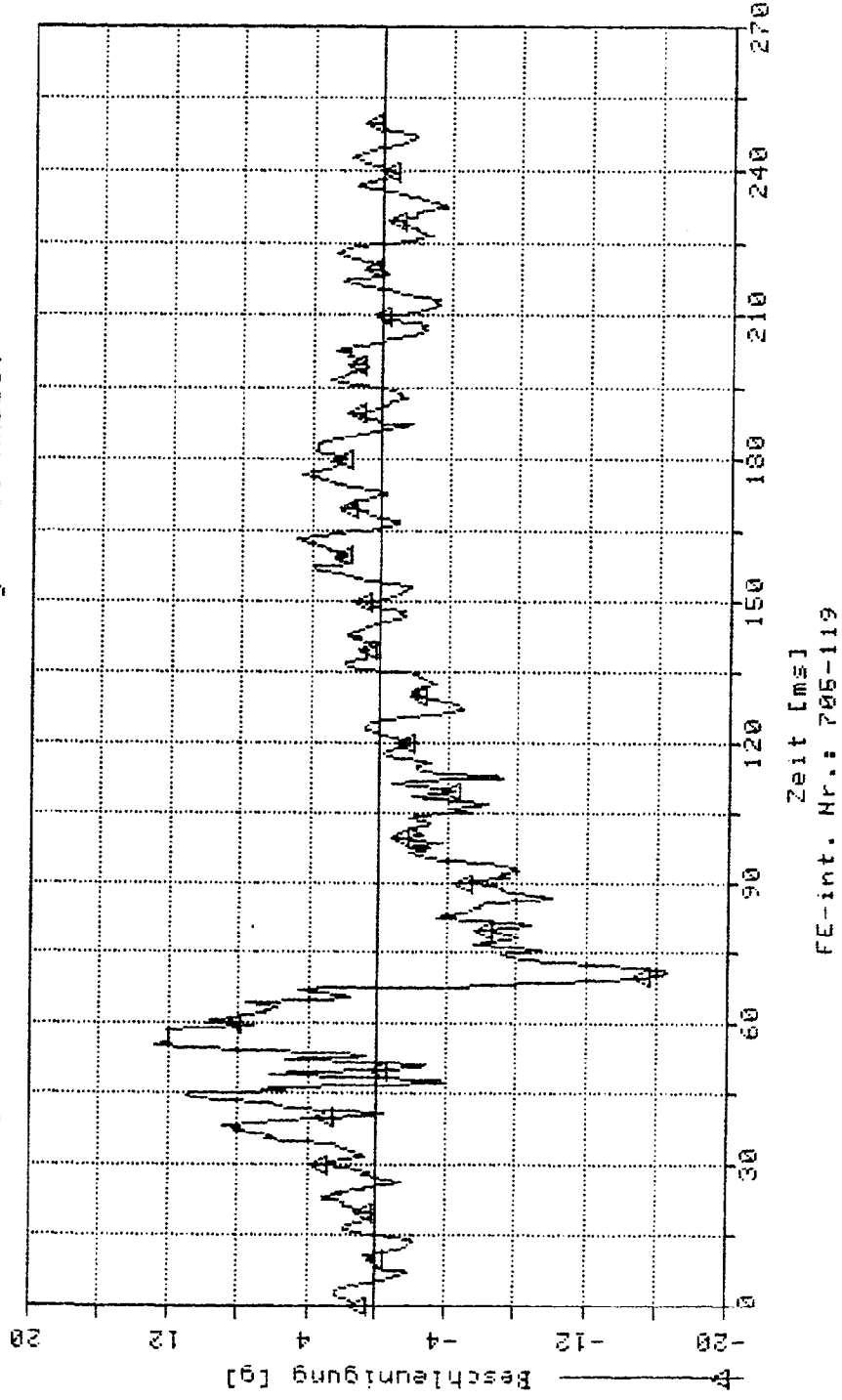
| UP | Mess-Stelle | ber.               | Extremum | t       | 3MS   |
|----|-------------|--------------------|----------|---------|-------|
|    |             | Groesse            |          | Extr.   |       |
| V1 | TU03Y       | Summe Wirbels.unt. | BE g     | -45.561 | 40.60 |
| V1 | TU03Y       | Summe Wirbels.unt. | CE m/s   | 9.752   | 0.00  |
| V1 | TU03Y       | Summe Wirbels.unt. | SI       | 186.217 | 0.00  |



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT  
 FE-int. Nr.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 TU03Z Summe Wirbels.unt. BE g -16.656 71.0 12.81

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

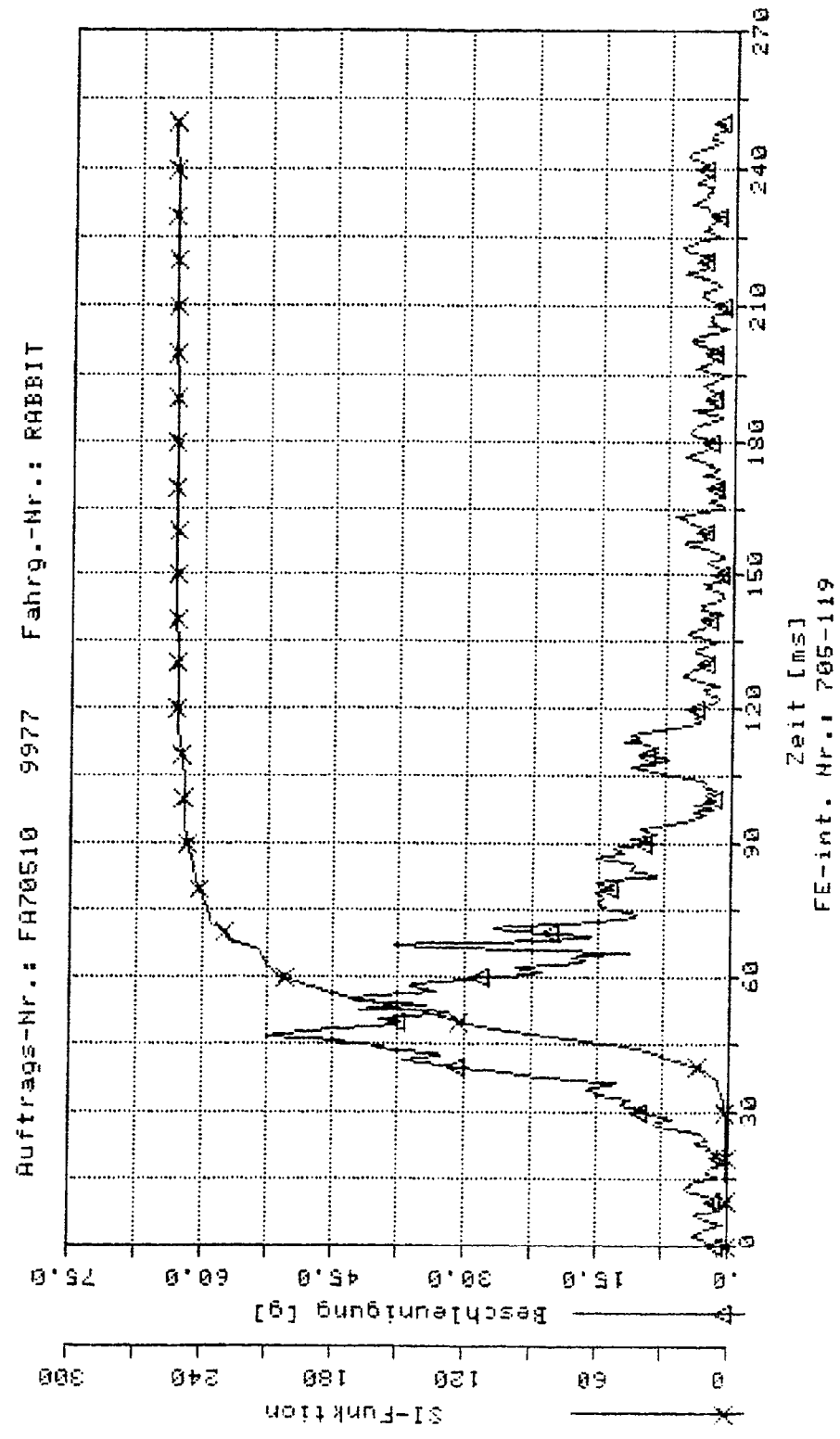


Summe Wirbels.unt.

V1 TU03Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.               | Extremum | t     | ZMS   |
|----|-------------|--------------------|----------|-------|-------|
| V1 | TU03 X Y Z  | Groesse            |          | Extr. |       |
| V1 | TU03 X Y Z  | Summe Wirbels.unt. | BE g     | 47.0  | 43.48 |
|    |             | Summe Wirbels.unt. | SI       | 250.0 | 0.00  |

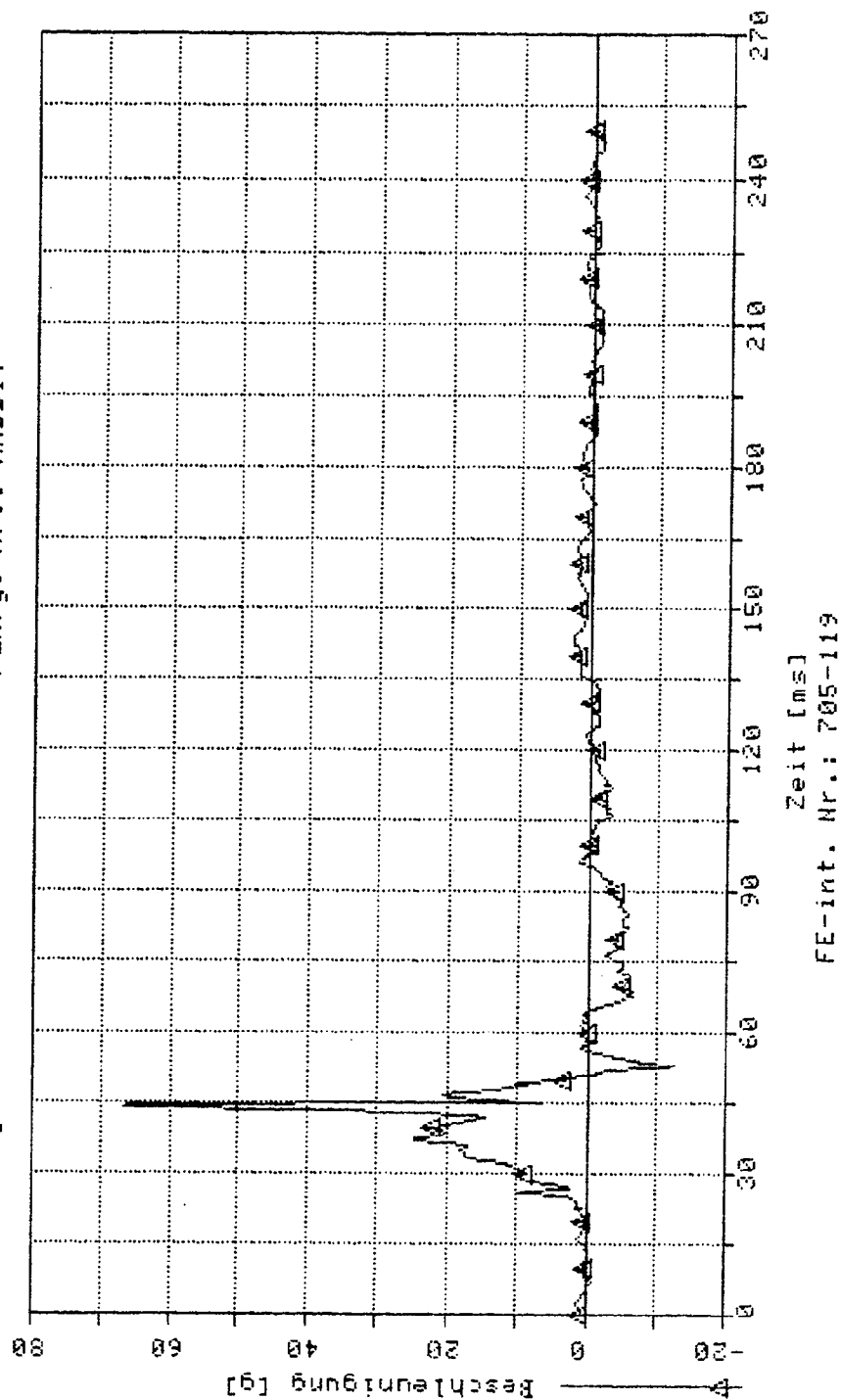


Summe Wirbels.unt.  
 Summe Wirbels.unt.

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 BE03X Summe Becken BE g 66.044 44.0 23.34

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

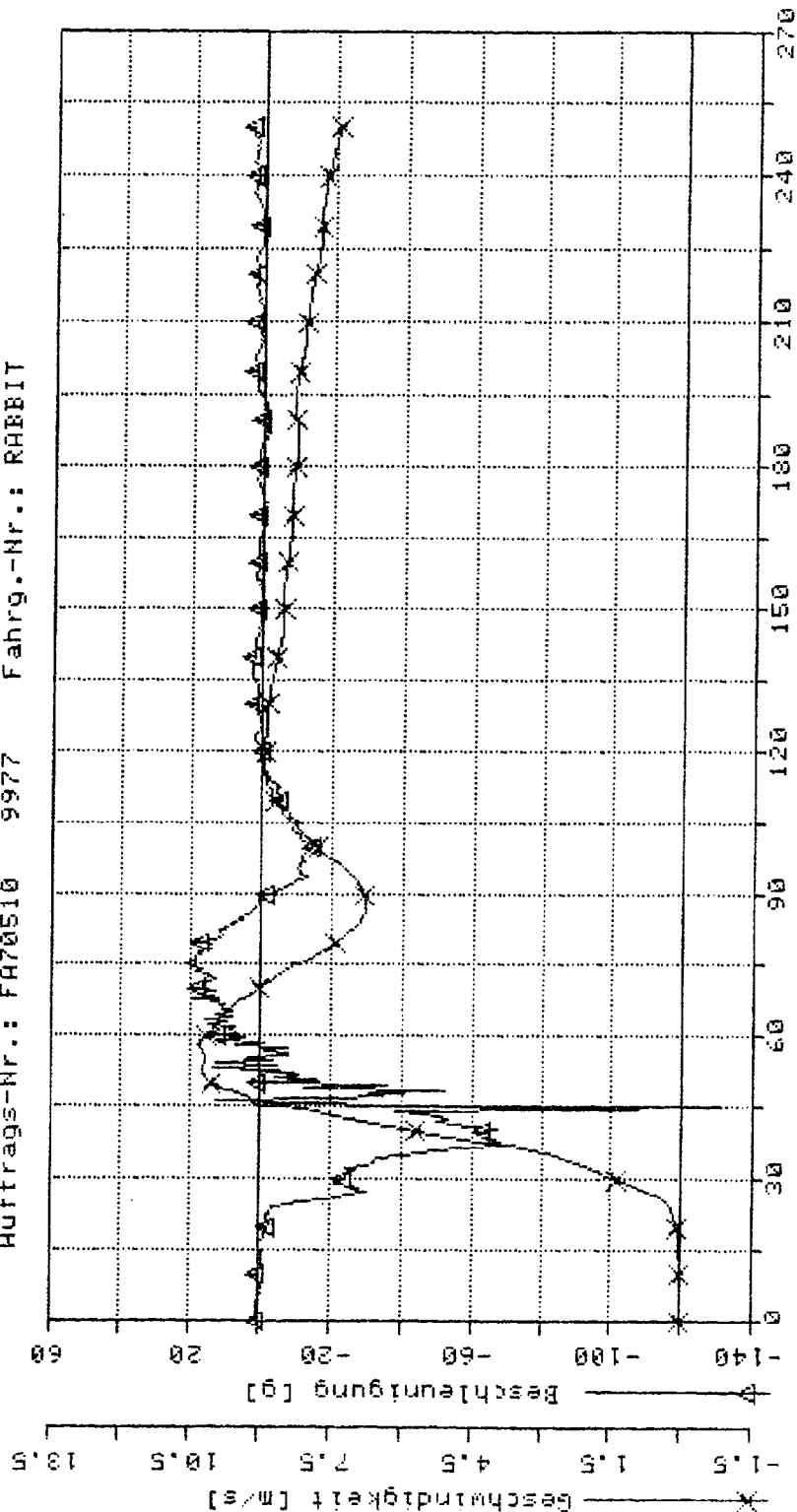




Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.         | Extremum | t     | 3MS   |
|----|-------------|--------------|----------|-------|-------|
| V1 | BE03Y       | Summe Becken | RE g     | Extr. |       |
| V1 | BE03Y       | Summe Becken | GE m/s   | 45.0  | 65.06 |
|    |             |              |          | 58.0  | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Zeit [ms]  
 FE-int. Nr.: 705-119

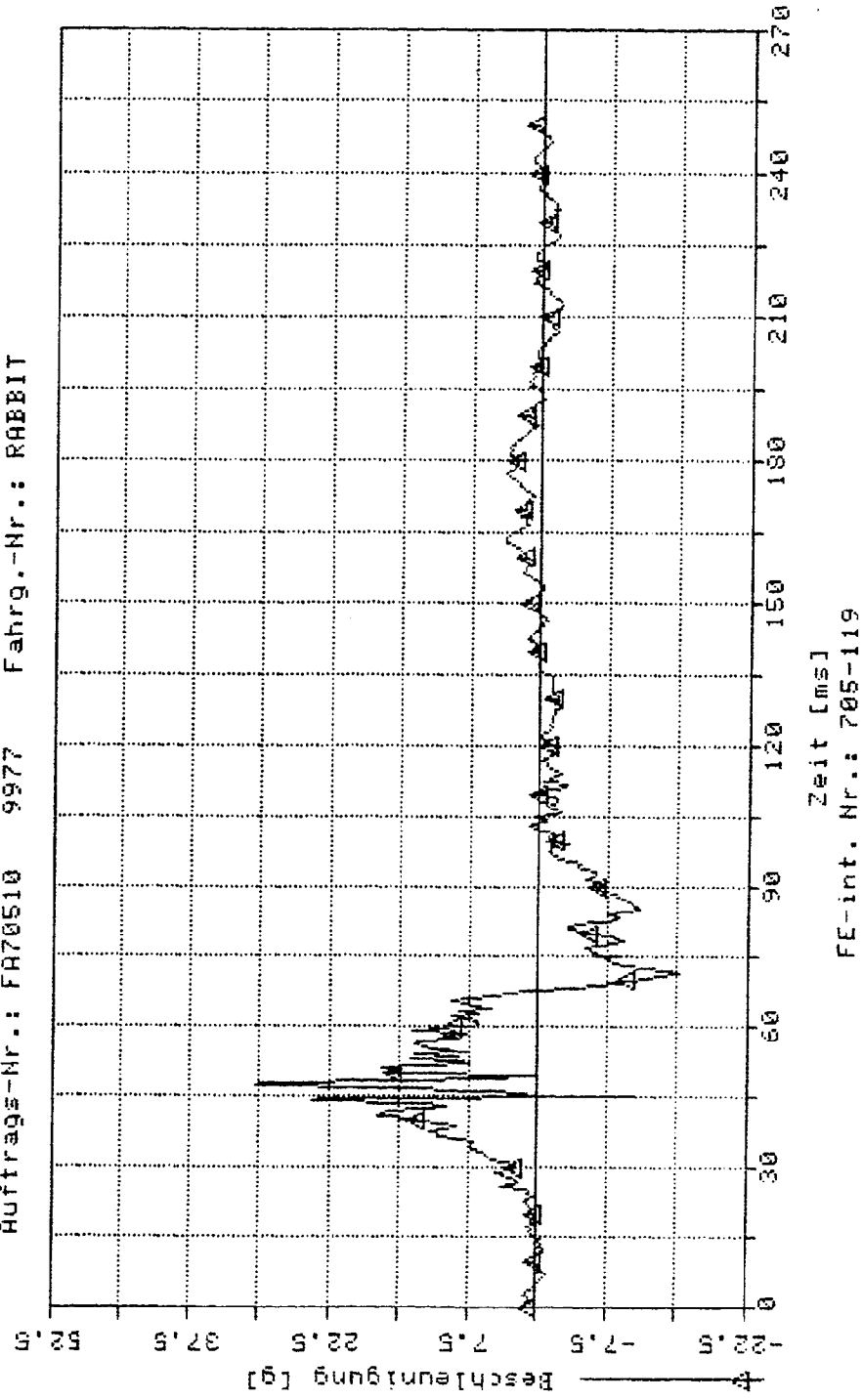
Summe Becken  
 Summe Becken

V1 BE03Y  
 V1 BE03Y

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT  
 FE-int. Nr.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 BE03Z Summe Becken RE g 30.513 47.5 16.73

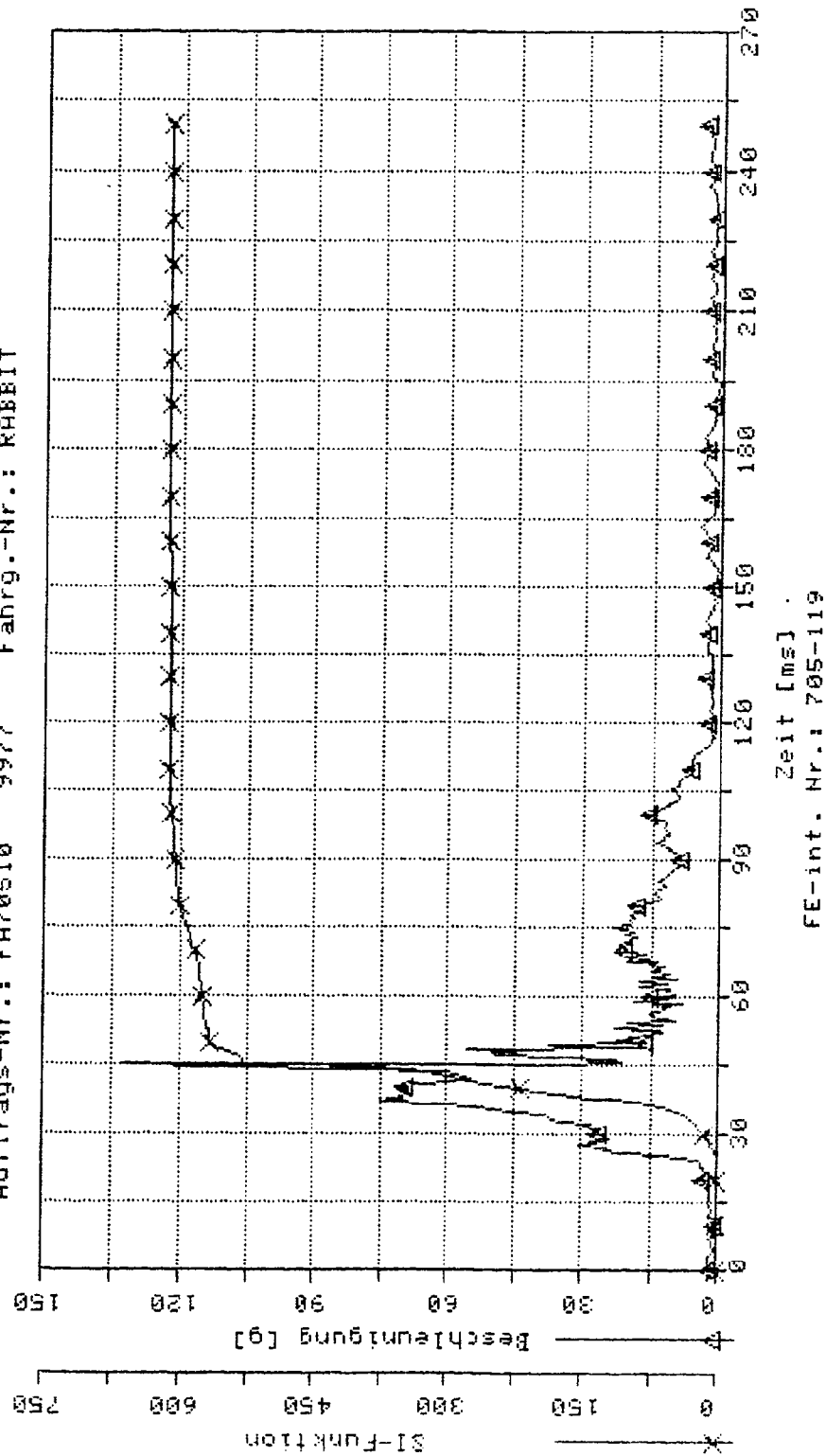
Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT  
 FE-int. NR.: 705-119

| UP | Mess-Stelle | ber.              | Extremum | t     | 3MS   |
|----|-------------|-------------------|----------|-------|-------|
| V1 | BE03 X Y Z  | Summe Becken BE g | 132.149  | 45.0  | 70.71 |
| V1 | BE03 X Y Z  | Summe Becken SI   | 614.770  | 250.0 | 0.00  |

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



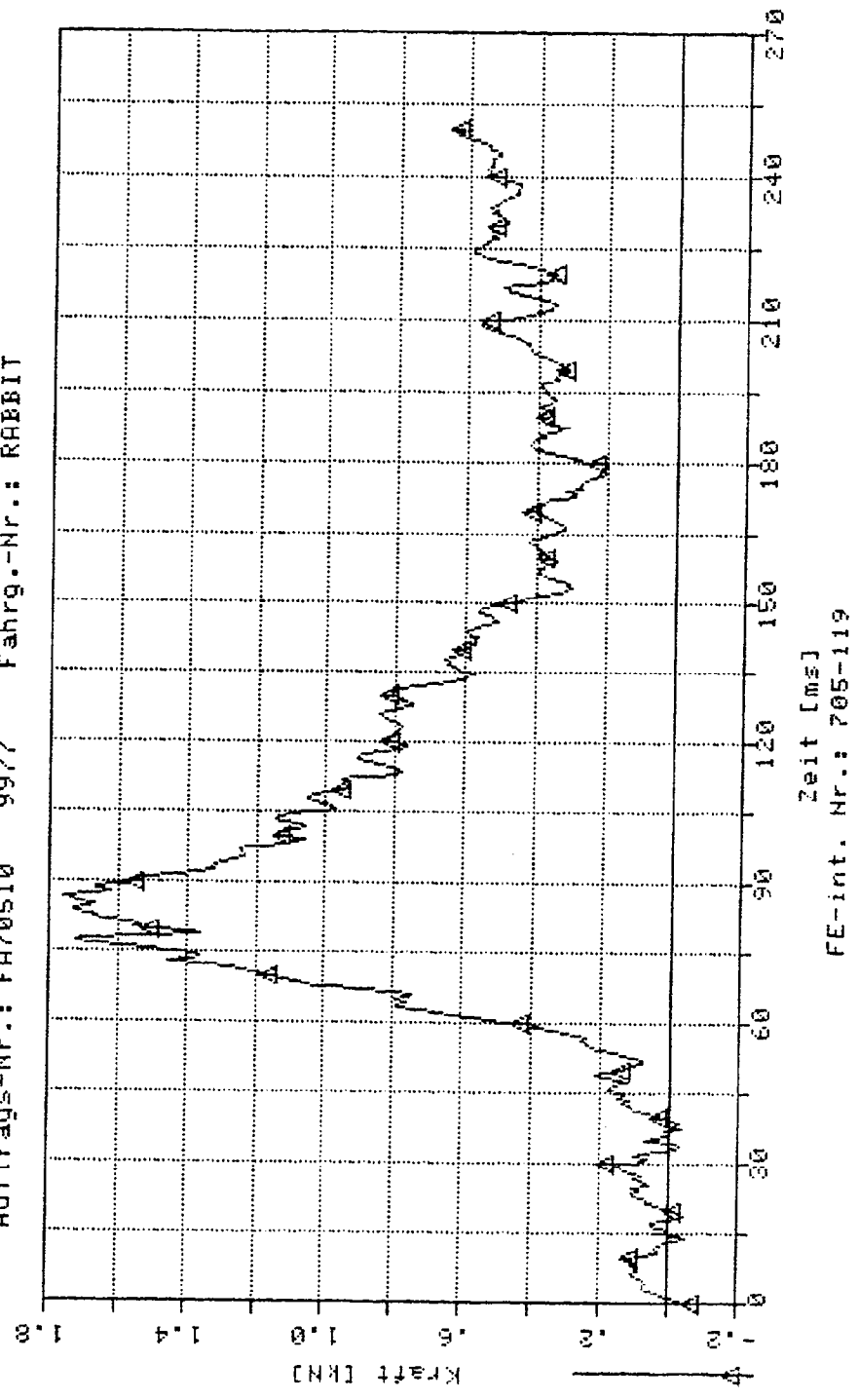
Summe Becken  
 Summe Becken

V1 BE03 X Y Z  
 V1 BE03 X Y Z

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. Nr.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 GU03BA Summe Gurt Becken auss KR KN 1.753 Extr. 87.0 0.00

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT

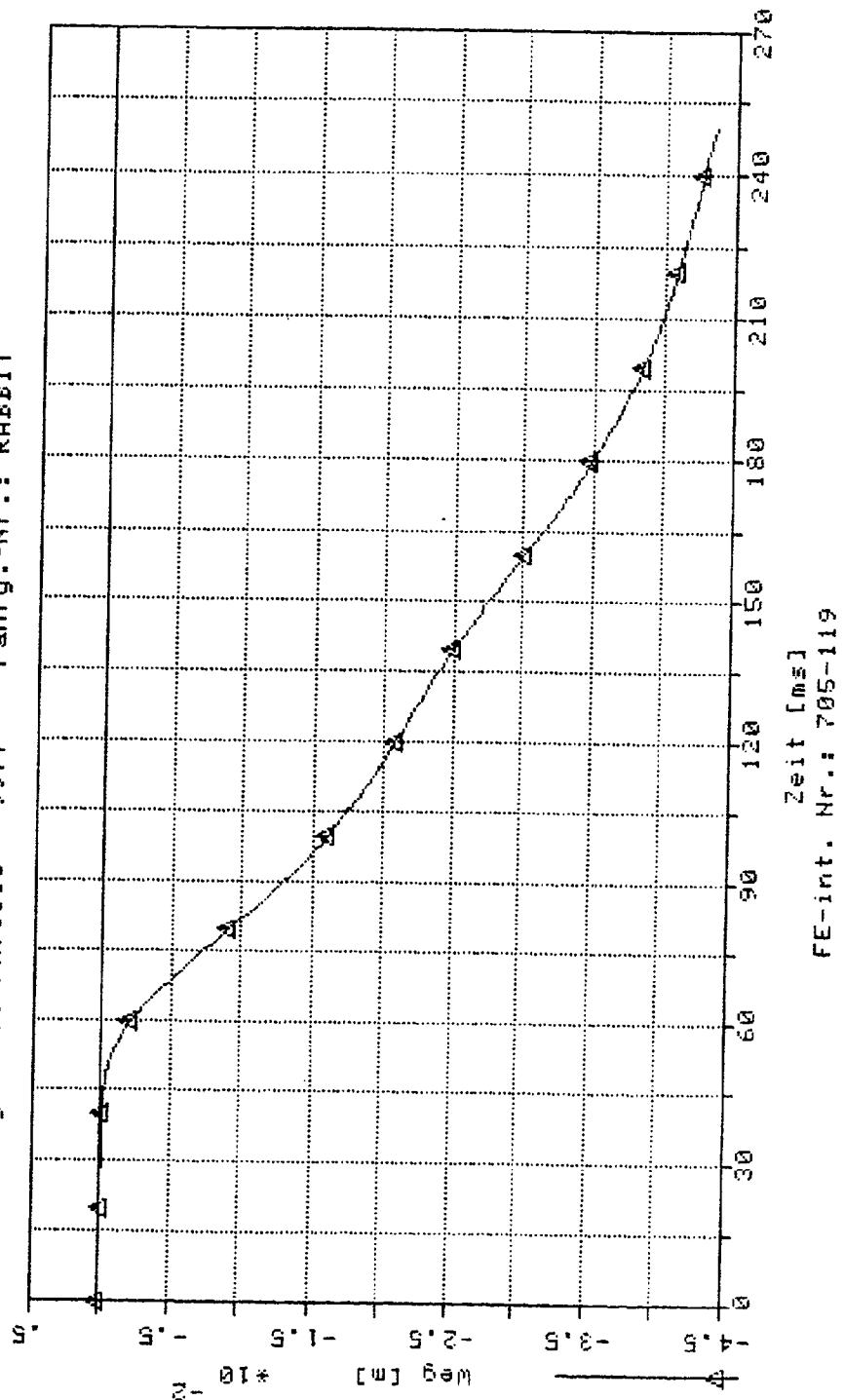


Summe Gurt Becken auss V1 GU03BA

Kenn-Werte: Auftrags-Nr.: FA70510 Versuchs-Nr.: 9977  
 Fahrg.-Nr.: RABBIT FE-int. NR.: 705-119

UP Mess-Stelle..... ber. Extremum t 3MS  
 V1 WE03Y Summe Wegpoti.Brust WE m Extr. 250.0  
 0.00

Auftrags-Nr.: FA70510 9977 Fahrg.-Nr.: RABBIT



Summe Wegpoti.Brust

V1 WE03Y

FE-int. Nr.: 705-119