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DEPARTEMENT D'ETUDES ET DE RECHERCHES EN
AEROTHERMODYNAMIQUE

(RT-OA-63/1685) REPORT ON TESTS OF A CAST
10 AIRFOIL WITH FIXED TRANSITION IN THE T2
TRANSONIC CRYOGENIC WIND TUNNEL WITH
SELF-ADAPTIVE WALLS (Centre d'Etudes et de
Recherches) 266 p

N87-10834

GS
06/02 Unclas
43795

**SERAUDIE, A. ; BLANCHARD, A. ; and
BREIL, J. F. : Report on Tests of a CAST 10 Airfoil
with Fixed Transition in the T2 Transonic
Cryogenic Wind Tunnel with Self-Adaptive Walls.
ONERA R. T. OA no. 63/1685, August 1985. In
English.**

R.T. OA n° 63/1685 AND (DERAT n° 6/5019 DN) - Août 1985

Rapport d'essais du profil CAST 10 en transition déclenchée,
effectués dans la soufflerie transsonique cryogénique T2 en
présence de parois auto-adaptables.

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NASA STI FACILITY
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DCAF NO. 004983

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FICHE D'IDENTIFICATION

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	Secret militaire	Secret industriel	
	Titre : NC Fiche : NC Document : NC	NON CLASSIFIE INDUSTRIE	
	Numéro de la fiche programme	Service de l'Etat chargé de l'exécution du contrat	
	A 201 A (T 111 X)	ONERA	
Département : AEROTHERMODYNAMIQUE	Numéro du contrat	Phase 1685 AN 041 D	
<p>TITRE : Rapport d'essais du profil CAST 10, en transition déclenchée, effectués dans la soufflerie transsonique cryogénique T2 en présence de parois auto-adaptables</p>			
<p>AUTEUR (S): (personne physique) Alain SERAUDIE - Alain BLANCHARD - Jean-François BREIL (DERAT 6/5019 AN)</p>			
DATE	N° D ORIGINE du DOCUMENT	NOMBRE	
		Pages	Figures Ref. bibliographiques
Août 1985	R.T. OA 63/1685 AND	22	7 tables 115 Planches 103 Listings 15
<p>RESUME D'AUTEUR :</p> <p>Ces essais sont la suite de ceux effectués en transition naturelle et présentés dans le rapport précédent, R.T. OA n° 59/1685 AND (DERAT n° 4/5019 DN) - Mars 1985.</p> <p>Un complément a tout d'abord été effectué, pour préciser la position de la transition sur l'extrados du profil, par une exploration longitudinale dans la couche limite (critère de Jones).</p> <p>Puis, dans un premier temps, la transition n'a été déclenchée qu'à l'intrados du profil par une bande de carborundum de hauteur 0,045 mm placée à $x/c = 5\%$ (noté T. 1/2 D.), afin de mieux séparer les phénomènes liés à l'intrados et ceux liés à l'extrados en transition naturelle (T.N.).</p> <p>Dans une deuxième phase, la transition a été déclenchée normalement sur les deux faces du profil (T.D.), également à $x/c = 5\%$ et $h = 0,045$ mm. Les configurations des essais de la campagne précédente ont été reprises, et les résultats des trois cas (T.N.) (T. 1/2 D.) et (T.D.) sont comparés ; particulièrement en ce qui concerne l'effet du nombre de Reynolds sur les coefficients aérodynamiques du profil.</p> <p>On observe le regroupement des valeurs expérimentales vers 20 millions de Reynolds, obtenu par des évolutions différentes suivant les cas considérés.</p>			
<p>NOTIONS D'INDEXAGE</p> <p>Essais du profil - Profil CAST 10 - Transition naturelle - Effet Reynolds - Soufflerie cryogénique - Soufflerie transsonique</p>			

LISTE DE DIFFUSION
DU DOCUMENT CERT N° 6 / 5019 DN
ONERA N° 63 / 1685 AND

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ABSTRACT

This technical report describes the tests on the CAST 10 airfoil in tripped-transition, carried out in the cryogenic and transonic wind-tunnel T2 fitted with self-adaptive walls.

These tests follow those which were performed in natural transition and were presented in a previous note : R.T. OA n° 59/1685 AND (DERAT n° 4/5019 DN) ONERA /CERT - March 1985.

Firstly, a complement was realized to precise the location of the natural transition on the upper surface of the airfoil ; this was done by a longitudinal exploration in the boundary layer (JONES criterion).

Secondly, in a first stage, the transition was only tripped on the lower surface with a carborundum strip of 0.045 mm height, situated at 5 % of chord (noted T. 1/2 D.). These tests were performed here to separate the phenomena in relation to the lower surface and those in relation to the upper surface which occur in natural transition (T.N.).

In a second stage, the transition was normally tripped on both sides of the profile (T.D.), likewise at $x/c = 5\%$ and $h = 0.045$ mm. The test configurations of the previous serial were experimented again and results obtained in the three cases (T.N.), (T. 1/2 D.) and (T.D.) were compared, in particular those concerne with the effect of the REYNOLDS number on aerodynamic coefficients of the airfoil.

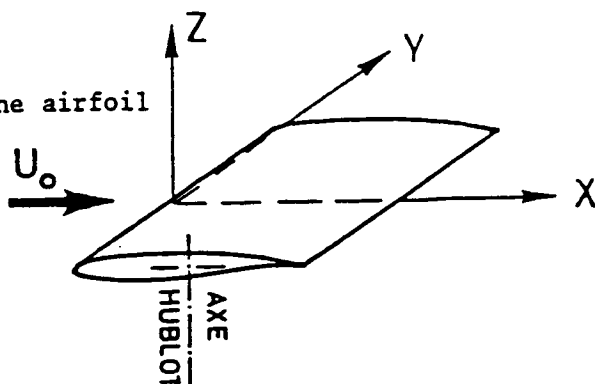
We observe the gathering of the experimental values around 20 millions Reynolds number ; but before this number, the evolutions of the curves in the three cases tested are different.

LIST OF SYMBOLS

c chord of the airfoil
 α angle of attack

XPH abscissa of the pressure holes in the top wall
 XPB abscissa of the pressure holes in the bottom wall } (in mm)
 XV abscissa of the jacks

X }
 Y } cartesian coordinates relative to the airfoil
 Z }
 NB iteration number of the test



PRESSURES

P_{SL} local static pressure
 $P_{ref} = P_S$ upstream static pressure as reference
 P_{SS} static pressure in the wake
 $DPS = P_{SS} - P_{ref}$ (loss in static pressure in the wake)
 DPS/PS relative value of the static pressure in the wake
 P_i, P_T total pressure in the settling chamber
 P_{iS} total pressure in the wake
 $DPI = P_{iS} - P_i$ (loss in total pressure in the wake)
 DPI/PI relative value of the total pressure in the wake (%)
 K_p pressure coefficient

MACH

M_o infinite upstream Mach number
 M_L local Mach number of the airfoil calculated from P_{SL}/P_i

TEMPERATURES

TPR temperature of the airfoil
 TPG temperature in the settling chamber
 T_i, T_T total temperature of the test
 T_{iS} total temperature in the wake
 $DTI = T_{iS} - T_i$ (variation of the total temperature in the wake)
 DTI/TI relative value of the total temperature in the wake
 T_W wall temperature
 T_f skin friction temperature $T_f/T_i = (1 + 0.2 r M^2)/(1 + 0.2 M^2)$

AERODYNAMIC COEFFICIENTS

Cz lift coefficient
Cxp pressure drag coefficient
Cxs drag coefficient (measured in the wake)
Cm pitching moment coefficient (calculated at 25 % of chord)
Rc Reynolds number of the airfoil chord

Subscripts

p wall
s wake

1 - INTRODUCTION

This study is a part of a collaboration between the ONERA (FRANCE), the DFVLR (GERMANY) and the NASA (USA). The tests will be carried out on the same model of a supercritical airfoil CAST 10 having a chord of 180 mm ; it was designed by DORNIER (GERMANY).

Two series of tests have been made in the cryogenic wind tunnel T2 fitted with self-adaptive walls (ONERA/CERT). The first series concerns only tests in natural transition (T.N.) where particular care has been taken to avoid false tripping ; the results are reported in a previous note /14/.

This technical report is related to the second series of tests where the transition was, at first, tripped only on the lower surface of the airfoil (T.1/2 D.) and, in a second stage, tripped normally on both sides of the profile (T.D.). We used a carborundum strip of 0.045 mm height, situated at 5 % of chord in each case.

The first phase (T.1/2 D.) was accomplished to separate the phenomena which occur, in natural transition, on the lower surface or on the upper surface of the airfoil : displacement of the transition location, changes of the shock position, modifications around the stagnation point, sudden tripping of the transition produced by the overspeed spike near the leading edge, etc. Some controls were executed in the T.1/2 D. case to verify the transition location on the upper surface which depends on the configuration (Mach number, angle of attack), on the Reynolds number of the test and on the wall temperature. The results are well fitted with those in natural transition (T.N.).

The second phase (T.D.) describes the normal operation of the airfoil. These tests are easier to perform than the previous ones ; problems involved by the surface state disappear.

The test procedure is exactly the same as in the first series ; all details will be found in the previous note /14/. The wind tunnel T2 and its model conditioning, the profile equipment, the test apparatus (probing system, visualizations), the adaptive walls and their use, the run process, the data acquisition and analysis will not be described again.

Here, the configurations tested are the same to be compared in the three cases (T.N.), (T.1/2 D.), (T.D.). The Mach number distributions along the profile and wakes are drawn systematically as function of α , Mo and Rc . Likewise, the aerodynamic coefficients are plotted versus α , Mo or Rc . Comparisons of the various evolutions are made ; we observe in particular the gathering of the curves around 20 millions Reynolds number ; however, the effect of the Reynolds is not the same in natural transition (T.N.) or in tripped transition (T.D.). At lower Reynolds number, the evolutions of the curves are greatly different and the aerodynamic efficiency is not on the same order.

The explanations of the curve evolutions and comparisons with boundary layer computations will be given in a third report /15/.

2 - GENERAL PRESENTATION OF THE TESTS

This series of tests is subdivided in three groups :

- a complement in natural transition (T.N.),
- the transition tripping on the lower surface (T.1/2 D.),
- the transition tripped on each side of the airfoil (T.D.).

In each category, the tests are classified in tables (Fig. 2, 4, 5) where the angle of attack, the Mach number and the Reynolds number are apparent. Furthermore, all the tests are listed in the order of their run number in tables (Fig. 1, 3, 6, 7) which recapitulate the results and the general conditions of the runs. Some of them do not have the C_D or the C_L values as they were judged invalid.

The complement in natural transition precise the location of the transition by a longitudinal exploration of a pitot tube inside the boundary layer (JONES's criterion). This was done at low Reynolds number ($Rc = 4 \times 10^6$) and unique Mach number ($Mo = 0.73$) for angles of attack from -1° to $+0.25^\circ$ (Fig. 1).

In "half-tripping transition" (T.1/2 D.), four Mach numbers (0.7, 0.73, 0.765, 0.783) and angles of attack going from -2° to $+2^\circ$ were tested at low Reynolds number ($Rc = 4 \times 10^6$) (Table : Fig. 2). The Reynolds effect was experimented in two cases and a wall temperature effect was tested in the same conditions as presented in natural transition /14/.

The tests carried out in tripped transition (T.D.) are presented on tables (Fig. 4 and 5), in the same way. The effect of the Reynolds number has been studied for six configurations and compared with the curves obtained in natural transition. Furthermore, the drag divergence was observed for two Reynolds numbers : $4 \cdot 10^6$ and $25 \cdot 10^6$, at $+0.25^\circ$ angle of attack.

It can be noticed from the tables that there is considerable cross-checking between the various tests at different Mach numbers, angles of attack, Reynolds numbers. In some cases, the run has been repeated several times to check the repeatability of the tests ; the precision of the results can be seen on the aerodynamic coefficients presented in the lists (Fig. 3, 6, 7).

We give in appendix listings of main tests ; each sheet corresponds to the last iteration of the runs presented. The values of the Mach numbers on the test section walls, on the airfoil, as well as the temperatures of the model can be found there. They are classified in the order of their run number.

3 - COMPLEMENT OF THE PREVIOUS TEST IN NATURAL TRANSITION :

Transition detection by a JONES's criterion

The longitudinal exploration of the boundary layer is performed with the system described on the figure 8. The pitot tube and the pressure transducer are mounted on the sting normally used at T2 /14/ ; the longitudinal moving is controlled by a step-motor. The probe has a backward movement of 66.5 mm ; the displacement is tangential to the upper surface and the setting out abscissa can be chosen.

The first control consists of observing the influence of the probe on the Mach distribution along the profile (Fig. 9). Then, the five configurations tested are presented on figures 10 to 14, where the transition location detected by oil visualization is also indicated.

We can correlate the Mach number evolution recorded at iso-height inside the boundary layer to the "bump" seen on the Mach distribution along the profile /14/ and to the oil visualization. The transition location has been plotted figure 15 ; the JONES criterion indicates the beginning and the end of the transition area, which gives a useful information.

4 - TRANSITION TRIPPED ONLY ON THE LOWER SURFACE (T.1/2 D.)

4.1. Control of the Reynolds number effect and wall temperature effect on the transition location detected on the upper surface

The run 232 corresponds to a thermal effect produced by a cold model exposed to a room temperature flow. We can verify on figure 16 that the transition location on the upper side is situated at the same place as in natural transition /14/ ; of course, this result was expected, but we find again the same lift coefficient, which shows the main contribution of the upper surface in these cases.

We have also controlled the transition location as function of Reynolds number, figure 16 ; here, the results fit well with the natural transition curve.

4.2. Mach number distributions on the airfoil and wakes

The Mach number distributions along the profile and the wakes are drawn, at the smallest Reynolds number ($Rc = 4,10^6$), for various upstream Mach numbers Mo (fig. 17 to 28) ; each illustration corresponds to an angle of attack going from -2° to $+2^\circ$.

Conversely, they are drawn on figures 29 to 36 in relation to the angle of attack for each Mach number tested.

The third series of illustrations shows the influence of Reynolds number in the two configurations experimented here ($Mo = 0.73$, $\alpha = -0.25^\circ$), ($Mo = 0.76$, $\alpha = +0.25^\circ$) (figures 37 to 40).

4.3. Aerodynamic coefficients

The lift (C_L), drag (C_D) and pitching moment (C_M) coefficients are pointed in figures 41 to 43 versus Mach number for the lowest Reynolds number.

The values of these coefficients determined from the preceding curves for 4 Mach numbers (0.7, 0.73, 0.765, 0.785) have been reported in relation to the angle of attack on the figures 44 to 46.

At last, the polar C_L (C_D) was traced for three Mach numbers (fig. 47).

These curves must be compared to those obtained in natural transition /14/ ; they are more regular and the drag coefficient higher for positive angles of attack. Comparisons will be made later for 0.765 Mach number.

5 - TRANSITION TRIPPED ON THE UPPER AND LOWER SURFACE

In the T.D. case, the transition was tripped on both sides of the airfoil with a carborundum strip of 0.045 mm height, situated at $x/c = 5\%$. The test configurations have been seen previously on tables 4 and 5.

5.1. Mach number distributions on the airfoil and wakes

The curves are presented here in the same way as before ; the first series of illustrations concerns the smallest Reynolds number ($Rc = 4 \cdot 10^6$) for various upstream Mach numbers (figures 48 to 63) ; each plate is at a given angle of attack.

The Mach distributions and wakes are drawn too, for a given Mach number (0.7, 0.73 and 0.765), as function of the angle of attack going from -2° to $+4^\circ$ (figures 64 to 71).

The third series (figures 72 to 83) shows the influence of Reynolds number in the six configurations tested here ; they are a selection of cases experimented in natural transition /14/. We observe the backward displacement of the shock as the Reynolds increases, just the opposite of what we have observed in the previous series of tests (T.N.) /14/.

5.2. Aerodynamic coefficients

The aerodynamic coefficients (C_L , C_D and C_M) calculated at low Reynolds number ($Rc = 4 \cdot 10^6$) are pointed, in figures 87 to 89, in terms of angle of attack. The polar C_L (C_D) has been drawn too (figure 90).

Considerable modifications were produced by the transition tripping /14/. The total drags are higher, the lifts and pitching moments lower ; the curves are much more regular.

The drag divergence was determined for $+0.25^\circ$ and two Reynolds numbers : $Rc = 4 \cdot 10^6$ and $26 \cdot 10^6$ (figures 91 and 92). The curves obtained in T.D. case are completely different from those obtained in T.N. for the same run parameters.

The comparisons and explanations will be given in the third report /15/.

6 - EFFECT OF THE REYNOLDS NUMBER

The curves will be presented here comparatively for the three basis cases : T.N., T.1/2 D. and T.D..

6.1. Mach number distributions on the airfoil and wakes

When the laminar bubble exists on the lower surface in natural transition ($Rc < 10 \cdot 10^6$), it does not exist in the two other cases ; but the greatest differences are on the upper surface for the transition tripped on both sides (T.D.) (figures 93 to 98). The shape of the wakes is also affected.

At higher Reynolds numbers (figures 99 to 101), the differences are smaller ; this indicates the forward moving of the natural transition.

6.2. Aerodynamic coefficients

Comparison is made on figures 102 to 104 for the upstream infinite Mach number $Mo = 0.765$. The lift and drag coefficients are plotted versus angle of attack for the smallest Reynolds number (figures 102, 103), where the differences in natural and tripped transition are obvious. The polar for the $21 \cdot 10^6$ Reynolds number is drawn too (figure 104) ; in this case, we obtain the same curve ; details will be found in the following series of illustrations.

The aerodynamic coefficients (C_D , C_L and C_M) are traced in relation to the Reynolds number for the six configurations tested in tripped transition (T.D.) (figures 105 to 122). The next table recapitulates the configurations experimented :

α \ Mo	- 2°	- 1°	- 0.25°	+ 0.25°	+ 1°	+ 2°
0.7					0 ■	
0.73		0	0 ▲ ■			
0.76				0 ▲ ■	0 ■	
0.765	0 ■			0.		0 ■

○ T.N. ▲ T.1/2 D. ■ T.D.

At low Reynolds numbers, the total drags in T.D. are higher, the lifts and pitching moments are lower. The values obtained in T.1/2 D. are situated either between the two other groups (T.N. and T.D.) or near the natural transition case. Explanations must be seen on the Mach number distributions along the profile ; it depends on the transition location on the lower surface /15/.

At higher Reynolds numbers (between 10 and 20 millions according to the configuration examined), we observe the gathering of the three curves (T.N., T.1/2 D. and T.D.). This indicates again the forward moving of the natural transition with the increase in Reynolds number ; in addition, the height of the carborundum strip is well adapted to the boundary layer thickness ; it produces no overthickening.

Lastly, the curves corresponding to the tripped transition are smoother.

7 - CONCLUSION

This report describes the tests performed in tripped transition on the CAST 10 airfoil ; it is the continuation of the previous note about the natural transition. Remember that a considerable effort has been made to avoid false tripping ; the transition was natural until at least 8 million Reynolds. Furthermore, a number of cross-checks allowed the estimation of the transition location.

We added a testing aid for the detection of the transition by a JONES criterion which fits well with the other means ; but it gives also useful information about the beginning and the end of the boundary layer transition.

The cross-checking with the previous tests is excellent ; this gives confidence in the comparisons made here. Indisputably, the aerodynamic testing in tripped transition is much easier than for the previous one, although this CAST 10 airfoil is particularly sensitive to the flow parameters around its computation point.

The tests in "half tripped" transition (only on the lower surface) were performed to separate the phenomena which occur on the upper surface from those occurring on the lower surface. Indeed, the curve shapes of the aerodynamic coefficients which seem strange in natural transition are due to transition displacements on both sides of the profile. The Reynolds number effect is not easy to explain because some compensations can occur.

We have observed the gathering of the experimental curves around 20 millions Reynolds number for the three cases T.N., T.1/2 D. and T.D., which indicates the forward movement of the natural transition when the Reynolds number increases. In addition this proves that the height of the carborandum strip is well adapted at the boundary layer thickness ; it produces no overtickening.

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- /9/ J.B. DOR Essais cryogéniques du profil CAST 7 (c = 150 mm) à
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A. BLANCHARD
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- /15/ Analyse des résultats obtenus dans la soufflerie T2 sur le profil CAST 10.
R.T. à paraître

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visualisation.

ESSAIS EN TRANSITION DECLENCHEE A L'INTRADOS (T. 1/2 D.)

- 16 - Comparaison de résultats T. N. - T. 1/2 D.

VARIATION DU MACH M_o à $R_c = 4. 10^6$

17 - Distributions de Mach sur le profil	}	$\alpha = - 2^\circ$
18 - Sondages des sillages		
19 - Distributions de Mach sur le profil	}	$\alpha = - 1^\circ$
20 - Sondages des sillages		
21 - Distributions de Mach sur le profil	}	$\alpha = - 0,5^\circ$
22 - Sondages des sillages		
23 - Distributions de Mach sur le profil	}	$\alpha = 0^\circ$
24 - Sondages des sillages		
25 - Distributions de Mach sur le profil	}	$\alpha = 1^\circ$
26 - Sondages des sillages		
27 - Distributions de Mach sur le profil	}	$\alpha = + 2^\circ$
28 - Sondages des sillages		

VARIATION D'INCIDENCE $R_c = 4. 10^6$

29 - Distributions de Mach sur le profil	}	$M_o = 0,7$
30 - Sondages des sillages		
31 - Distributions de Mach sur le profil	}	$M_o = 0,73$
32 - Sondages des sillages		
33 - Distributions de Mach sur le profil	}	$M_o = 0,766$
34 - Sondages des sillages		
35 - Distributions de Mach sur le profil	}	$M_o = 0,784$
36 - Sondages des sillages		

VARIATION DU NOMBRE DE REYNOLDS

37 - Distributions de Mach sur le profil	}	$\alpha = - 0,25^\circ$
38 - Sondages des sillages		

- | | | |
|--|---|-----------------------|
| 39 - Distributions de Mach sur le profil | } | $\alpha = 0,25^\circ$ |
| 40 - Sondages des sillages | | $M = 0,76$ |

COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

- | | | |
|---|---|-----------------|
| 41 - Coefficient de trainée C_{xs} | } | $R_c = 4. 10^6$ |
| 42 - Coefficient de portance C_z | | |
| 43 - Coefficient de moment de tangage C_m | | |

COEFFICIENTS AERODYNAMIQUES EN FONCTION DE L'INCIDENCE

- | | | |
|---|---|-----------------|
| 44 - Coefficient de trainée C_{xs} | } | $R_c = 4. 10^6$ |
| 45 - Coefficient de portance C_z | | |
| 46 - Coefficient de moment de tangage C_m | | |
| 47 - Polaire $C_z (C_x)$ | | |

ESSAIS EN TRANSITION DECLENCHEE T.D. - Extrados - Intrados

VARIATION DU MACH M_0 à $R_c = 4. 10^6$

- | | | |
|--|---|-----------------------|
| 48 - Distributions de Mach sur le profil | } | $\alpha = - 2^\circ$ |
| 49 - Sondages des sillages | | |
| 50 - Distributions de Mach sur le profil | } | $\alpha = - 1^\circ$ |
| 51 - Sondages des sillages | | |
| 52 - Distributions de Mach sur le profil | } | $\alpha = 0^\circ$ |
| 53 - Sondages des sillages | | |
| 54 - Distributions de Mach sur le profil | } | $\alpha = 0,25^\circ$ |
| 55 - Sondages des sillages | | |
| 56 - Distributions de Mach sur le profil | } | $\alpha = 1^\circ$ |
| 57 - Sondages des sillages | | |

58 - Distributions de Mach sur le profil	}	$\alpha = 2^\circ$
59 - Sondages des sillages		
60 - Distributions de Mach sur le profil	}	$\alpha = 3^\circ$
61 - Sondages des sillages		
62 - Distributions de Mach sur le profil	}	$\alpha = 4^\circ$
63 - Sondages des sillages		

VARIATION D'INCIDENCE $R_c = 4 \cdot 10^6$

64 - Distributions de Mach sur le profil	}	$M_o = 0,7$
65 - Sondages des sillages		
66 - Sondages des sillages (suite)		
67 - Distributions de Mach sur le profil	}	$M_o = 0,73$
68 - Sondages des sillages		
69 - Sondages des sillages (suite)		
70 - Distributions de Mach sur le profil	}	$M_o = 0,765$
71 - Sondages des sillages		

VARIATION DU NOMBRE DE REYNOLDS

72 - Distributions de Mach sur le profil	}	$\alpha = 1^\circ$
73 - Sondages des sillages		
74 - Distributions de Mach sur le profil	}	$\alpha = - 0,25^\circ$
75 - Sondages des sillages		
76 - Distributions de Mach sur le profil	}	$\alpha = 0,25^\circ$
77 - Sondages des sillages		
78 - Distributions de Mach sur le profil	}	$\alpha = 1^\circ$
79 - Sondages des sillages		
80 - Distributions de Mach sur le profil	}	$\alpha = - 2^\circ$
81 - Sondages des sillages		

- | | | |
|--|---|--------------------|
| 82 - Distributions de Mach sur le profil | } | $\alpha = 2^\circ$ |
| 83 - Sondages des sillages | | $M_o = 0,765$ |

COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

- | | | |
|---|---|----------------------|
| 84 - Coefficient de trainée C_{xs} | } | $R_c = 4 \cdot 10^6$ |
| 85 - Coefficient de portance C_z | | |
| 86 - Coefficient de moment de tangage C_m | | |

COEFFICIENTS AERODYNAMIQUES EN FONCTION DE L'INCIDENCE

- | | | |
|---|---|----------------------|
| 87 - Coefficient de trainée C_{xs} | } | $R_c = 4 \cdot 10^6$ |
| 88 - Coefficient de portance C_z | | |
| 89 - Coefficient de moment de tangage C_m | | |
| 90 - Polaire $C_z (C_x)$ | | |

COEFFICIENTS AERODYNAMIQUES POUR $\alpha = + 0,25$ ET DEUX NOMBRES DE REYNOLDS

- 91 - Coefficient de trainée C_{xs}
- 92 - Coefficient de portance C_z

EFFET DU NOMBRE DE REYNOLDS COMPARATIVEMENT T.N. - T. 1/2 D. - T.D.

COMPARAISON T.N., T. 1/2 D., T.D. SUR LE PROFIL ET DANS LE SILLAGE A MEME REYNOLDS

- | | | |
|--|---|-----------------------------|
| 93 - Distributions de Mach sur le profil | } | $M_o = 0,73, \alpha = 0,23$ |
| 94 - Sondages des sillages | | $R_c = 4 \cdot 10^6$ |
| 95 - Distributions de Mach sur le profil | } | $M_o = 0,76, \alpha = 0,25$ |
| 96 - Sondages des sillages | | $R_c = 4 \cdot 10^6$ |
| 97 - Distributions de Mach sur le profil | } | $M_o = 0,76, \alpha = 0,25$ |
| 98 - Sondages des sillages | | $R_c = 7,8 \cdot 10^6$ |

99 - Distributions de Mach sur le profil	}	$M_o = 0,76, \alpha = 0,25^\circ$
100 - Sondages des sillages		$R_c = 13. 10^6$
101 - Distributions de Mach sur le profil	}	$M_o = 0,765, \alpha = 0,25^\circ$
		$R_c = 25. 10^6$

COMPARAISON T.N., T. 1/2 D., T.D. SUR LES COEFFICIENTS AERODYNAMIQUES

102 - Coefficient de trainée C_{xs} ($R_c = 4. 10^6$)
103 - Coefficient de portance C_z ($R_c = 4. 10^6$)
104 - Polaire C_z (C_{xs}) ($R_c = 4. 10^6$ et $21. 10^6$)

EVOLUTION DES COEFFICIENTS AERODYNAMIQUES EN FONCTION DU REYNOLDS

105 - Coefficient de trainée C_{xs}	}	$M_o = 0,73$
106 - Coefficient de portance C_z		$\alpha = 1^\circ$
107 - Coefficient de moment de tangage C_m		
108 - Coefficient de trainée C_{xs}	}	$M_o = 0,73$
109 - Coefficient de portance C_z		$\alpha = 0,25$
110 - Coefficient de moment de tangage C_m		
111 - Coefficient de trainée C_{xs}	}	$M_o = 0,76$
112 - Coefficient de portance C_z		$\alpha = 0,25^\circ$
113 - Coefficient de moment de tangage C_m		
114 - Coefficient de trainée C_{xs}	}	$M_o = 0,76$
115 - Coefficient de portance C_z		$\alpha = 1^\circ$
116 - Coefficient de moment de tangage C_m		
117 - Coefficient de trainée C_{xs}	}	$M_o = 0,765$
118 - Coefficient de portance C_z		$\alpha = \sim 2^\circ$
119 - Coefficient de moment de tangage C_m		
120 - Coefficient de trainée C_{xs}	}	$M_o = 0,765$
121 - Coefficient de portance C_z		$\alpha = + 2^\circ$
122 - Coefficient de moment de tangage C_m		

TABLEAUX DES ESSAIS

PLANCHES 1 à 7

Complément

T.N.

ESSAI	ALPH	M0	PT (b)	TT OK	RL e+06	NB	CXP	CXS	CZ	CM
AD402	-.25	.7318	1.652	295.	3.9	4	.0043		.391	-.075
AD403	-.25	.7308	1.646	294.	3.9	3	.0055		.385	-.076
AD404	-.25	.7303	1.648	297.	3.8	2	.0051		.392	-.077
AD405	0.00	.7305	1.646	297.	3.8	3	.0049		.407	-.070
AD406	.25	.7300	1.645	297.	3.8	3	.0057		.426	-.066
AD407	.25	.7305	1.643	294.	3.9	3	.0057		.421	-.066
AD408	-1.00	.7324	1.644	296.	3.8	3	.0041		.329	-.084
AD409	-.50	.7334	1.646	294.	3.9	4	.0039		.386	-.083

Déplacement longitudinal d'un pitot
Critère de Jones

TABEAU DES ESSAIS COMPLEMENTAIRES EN TRANISTION NATURELLE

T. 1/2 D.

PL. 2

$R_c = 4 \cdot 10^6$ $P_i = 1,7 \text{ bar}$ $T_i = 296 \text{ K}$

α	Mach				
	0,7	0,73	0,76	0,765	0,783
+ 2°	216	217			
+ 1°	213	214		215 245	
+0,25°			236 243	235	
0°	206	204		205	224
-0,25°		226 233			
-0,5°	210	211			225
- 1°	207 222	221	208	209	223
- 2°	218	219		220	

Effet Reynolds

Conditions d' Essai			Mach = 0,73	Mach = 0,76
R_c	P_i	T_i	$\alpha = -0,25^\circ$	$\alpha = +0,25^\circ$
$4 \cdot 10^6$	1,69	293	226 233	235 236 243
$5,9 \cdot 10^6$	2,5	296	227	
$6,8 \cdot 10^6$	2,9	297	228	239 240 241 242
$7,7 \cdot 10^6$	3,3	297	229	238
$8,9 \cdot 10^6$	2,9	240	230	
$13,8 \cdot 10^6$	1,64	119	231 234	244

Effet T_p/T_f

$\left\{ \begin{array}{l} R_c = 4 \cdot 10^6 \\ M_0 = 0,73 \\ \alpha = -0,25^\circ \end{array} \right.$

Essai 232

T. 1/2 D.

ESSAI	ALPH	MO	PT (b)	TT DK	RL e+116	NB	CXP	CXS	CZ	CI		
Rc = 4.10 ⁶	AD204	0.00	.7294	1.673	294.	3.9	4	.0049	.0084	.418	-.061	
	AD205	0.00	.7637	1.727	294.	4.2	4	.0063	.0067	.552	-.096	
	AD206	0.00	.6984	1.629	293.	3.7	4	.0043	.0081	.401	-.067	
	AD207	-1.00	.7016	1.632	294.	3.7	4	.0029	.0070	.334	-.084	
	AD208	-1.00	.7554	1.721	296.	4.1	5	.0044	.0065	.384	-.097	
	AD209	-1.00	.7667	1.730	296.	4.1	4	.0057	.0069	.388	-.101	
	AD210	-.50	.7011	1.635	296.	3.7	5	.0034	.0077	.355	-.072	
	AD211	-.50	.7291	1.674	296.	3.9	4	.0040	.0076	.396	-.081	
	AD213	1.00	.6832	1.622	293.	3.7	5	.0054	.0088	.511	-.099	
	AD214	1.00	.7345	1.680	295.	4.0	4	.0078	.0093	.608	-.070	
	AD215	1.00	.7647	1.730	295.	4.1	4	.0154	.0169	.689	-.099	
	AD216	2.00	.6996	1.594	294.	3.6	5	.0101	.0112	.692	-.057	
	AD217	2.00	.7324	1.679	296.	3.9	4	.0166	.0165	.798	-.078	
	AD218	-2.00	.7010	1.640	295.	3.7	5	.0029	.0063	.197	-.086	
	AD219	-2.00	.7321	1.682	296.	3.9	4	.0034	.0063	.212	-.093	
	AD220	-2.00	.7667	1.735	297.	4.1	4	.0047	.0073	.228	-.101	
	AD221	-1.00	.7320	1.678	293.	4.0	5	.0042	.0067	.361	-.091	
	AD222	-1.00	.6991	1.637	294.	3.8	4	.0030	.0072	.332	-.084	
	AD223	-1.00	.7821	1.748	295.	4.3	4	.0084	.0095	.389	-.106	
	AD224	0.00	.7823	1.749	295.	4.2	4	.0128	.0125	.546	-.107	
	AD225	-.50	.7857	1.752	296.	4.3	6	.0104	.0103	.468	-.106	
	Variation Rc α=-0.25 M ₀ =0.73	AD226	-.25	.7314	1.676	293.	4.0	5	.0043	.0080	.400	-.073
		AD227	-.25	.7346	2.509	296.	5.9	4	.0038	.0081	.394	-.071
		AD228	-.25	.7299	2.900	297.	6.7	4	.0035	.0079	.390	-.071
		AD229	-.25	.7299	3.301	297.	7.6	4	.0035	.0079	.388	-.071
AD230		-.25	.7299	2.903	240.	8.9	4	.0037	.0082	.374	-.069	
AD231		-.25	.7257	1.637	119.	13.5	4	.0049		.367	-.068	
AD233		-.25	.7280	1.688	293.	4.0	4	.0044	.0078	.387	-.070	
AD234	-.25	.7309	1.627	119.	13.5	4	.0047	.0084	.371	-.069		
Variation Rc α=0.25 M ₀ =0.76	AD235	.25	.7634	1.723	293.	4.2	4	.0085	.0078	.591	-.097	
	AD236	.25	.7607	1.718	292.	4.2	4	.0076	.0071	.578	-.092	
	AD238	.25	.7600	3.292	296.	7.8	4	.0057	.0075	.539	-.081	
	AD239	.25	.7598	2.899	296.	6.9	4	.0060	.0079	.571	-.088	
	AD240	.25	.7627	2.902	297.	6.9	4	.0061	.0083	.593	-.093	
	AD241	.25	.7655	2.900	295.	7.0	4	.0078	.0081	.623	-.103	
	AD242	.25	.7598	2.895	296.	6.9	4	.0064	.0070	.599	-.094	
	AD243	.25	.7620	1.698	296.	4.1	4	.0079	.0081	.613	-.100	
	AD244	.25	.7622	1.639	119.	14.0	4	.0073	.0094	.496	-.075	
	AD245	1.00	.7648	1.698	294.	4.1	4	.0166	.0172	.697	-.102	

Essai avec déséquilibre thermique $T_p/T_f \approx 0,87$

ESSAI	ALPH	MO	PT (b)	TT DK	RL e+116	NB	CXP	CXS	CZ	CI
AD232	-.25	.7233	1.668	292.	3.9	4	.0039	.0073	.435	-.082

TABLEAU DES ESSAIS OBTENUS EN T. 1/2 D.

$R_C = 4 \cdot 10^6$ $P_i = 1,7 \text{ bar}$ $T_i = 296 \text{ K}$

α	Mach				
	0,7	0,73	0,76	0,765	>0,77
+ 4°	266	267	/	/	/
+ 3°	262	263	265	264	/
+ 2°	257	258	261	259 260 319	/
+ 1°	248 302	247	303	246	/
+ 0,25°	326 328	325 331	291 293 297 321 334	/	322 323 324
0°	249	250	251	/	/
- 0,25°	/	271 274 277 278 281 283 287 290 300	/	/	/
- 1°	268	269	/	270	/
- 2°	255 256	254	252 253	312	/

Divergence de Trainée $\alpha = +0,25^\circ$

R_C \ M_o	0,69... 0,71	0,71... 0,73	0,73... 0,75	0,75... 0,77	0,77... 0,79
	$4 \cdot 10^6$	328	326 331	325 334	291 293 297 321
$25 \cdot 10^6$	/	336	330	296 332	333 335

Effet Reynolds

Conditions d'Essai			$M_0=0,765$	$M_0=0,73$	$M_0=0,76$	$M_0=0,7$	$M_0=0,76$	$M_0=0,765$
R_c	R_i	T_i	$\alpha = -2^\circ$	$\alpha = -0,25^\circ$	$\alpha = +0,25^\circ$	$\alpha = +1^\circ$	$\alpha = +1^\circ$	$\alpha = +2^\circ$
$4 \cdot 10^6$	1,65	295	312	271 274 277 278 281 283 287 290 300	291 293 297 321	248 302	303	259 260 319
$59 \cdot 10^6$	2,5	296		272 280	327	307	306	316
$6,7 \cdot 10^6$	2,9	296	313	284	292	304	305	
$7,7 \cdot 10^6$	3,3	296		273	294			
$10,1 \cdot 10^6$	3,3	240		279				318
$11,5 \cdot 10^6$	2	155	314		298	308	309	317
$13,3 \cdot 10^6$	1,6	119		275 276 282	295			
$14,1 \cdot 10^6$	2,5	155		285				
$17,2 \cdot 10^6$	2,9	155			299			
$20,7 \cdot 10^6$	2,5	119	315	288 289 301		310	311	320
$25 \cdot 10^6$	2,9	119			296			
$27,1 \cdot 10^6$	3,3	119		286				

TABLEAU DES ESSAIS EN T.D. : VARIATION DU NOMBRE DE REYNOLDS

ORIGINAL PAGE IS
OF POOR QUALITY

T.D.

PL. 6

	ESSAI	ALPH	M0	PT (b)	TT OK	RC e+06	NB	CXP	CXS	CZ	CM
R _c = 4.10 ⁶	AD246	1.00	.7646	1.690	292.	4.1	4	.0131	.0158	.542	-.063
	AD247	1.00	.7320	1.677	293.	4.0	4	.0088	.0114	.505	-.053
	AD248	1.00	.6988	1.599	291.	3.7	4	.0069	.0105	.481	-.053
	AD249	0.00	.6997	1.597	292.	3.7	4	.0048	.0100	.348	-.056
	AD250	0.00	.7300	1.644	293.	3.9	4	.0053	.0104	.349	-.056
	AD251	0.00	.7615	1.680	294.	4.0	4	.0068	.0109	.359	-.056
	AD252	-2.00	.7613	1.680	294.	4.0	4	.0056	.0107	.063	-.062
	AD253	-2.00	.7608	1.685	296.	4.0	4	.0057	.0109	.058	-.061
	AD254	-2.00	.7318	1.647	296.	3.8	4	.0050	.0103	.072	-.061
	AD255	-2.00	.6995	1.562	296.	3.5	4	.0043	.0101	.080	-.061
	AD256	-2.00	.6928	1.592	290.	3.7	4	.0041	.0100	.080	-.060
	AD257	2.00	.7017	1.602	291.	3.7	4	.0100	.0126	.644	-.050
	AD258	2.00	.7306	1.644	293.	3.9	4	.0143	.0169	.692	-.057
	AD259	2.00	.7658	1.691	294.	4.1	4	.0260		.629	-.062
	AD260	2.00	.7656	1.685	294.	4.1	4	.0255	.0342	.636	-.063
	AD261	2.00	.7522	1.667	295.	4.0	4	.0199	.0232	.695	-.065
	AD262	3.00	.7009	1.656	292.	3.8	5	.0196	.0204	.829	-.053
	AD263	3.00	.7296	1.699	293.	4.0	4	.0276	.0300	.840	-.064
	AD264	3.00	.7665	1.741	294.	4.2	4	.0406	.0617	.631	-.051
	AD265	3.00	.7517	1.726	295.	4.1	4	.0363	.0513	.716	-.058
AD266	4.00	.7021	1.655	296.	3.8	5	.0343	.0339	.948	-.055	
AD267	4.00	.7316	1.697	294.	4.0	4	.0456	.0593	.813	-.054	
AD268	-1.00	.6994	1.588	295.	3.6	4	.0040	.0100	.213	-.059	
AD269	-1.00	.7312	1.630	296.	3.8	4	.0045	.0103	.208	-.059	
AD270	-1.00	.7652	1.683	297.	4.0	4	.0054	.0108	.199	-.058	
Variation du Reynolds M ₀ = 0.73 α = 0.25 ^o	AD271	-.25	.7299	1.634	296.	3.8	5	.0051	.0104	.309	-.056
	AD272	-.25	.7324	2.506	298.	5.8	5	.0045	.0094	.336	-.061
	AD273	-.25	.7271	3.294	298.	7.6	4	.0040	.0089	.350	-.064
	AD274	-.25	.7296	1.643	292.	3.9	4	.0049	.0101	.312	-.057
	AD275	-.25	.7338	1.594	118.	13.4	4	.0051	.0100	.362	-.067
	AD276	-.25	.7293	1.611	120.	13.2	4	.0045	.0097	.363	-.067
	AD277	-.25	.7358	1.638	292.	3.9	4	.0051	.0105	.309	-.056
	AD278	-.25	.7307	1.630	295.	3.8	4	.0051	.0102	.309	-.056
	AD279	-.25	.7273	3.292	240.	10.1	4	.0038	.0085	.361	-.067
	AD280	-.25	.7297	2.497	293.	5.9	4	.0041	.0094	.340	-.061
	AD281	-.25	.7289	1.621	293.	3.8	4	.0049	.0102	.314	-.057
	AD282	-.25	.7302	1.595	119.	13.2	4	.0043	.0094	.360	-.066
	AD283	-.25	.7265	1.621	292.	3.8	4	.0051	.0098	.315	-.057
	AD284	-.25	.7283	2.887	296.	6.7	4	.0042	.0088	.347	-.063
	AD285	-.25	.7379	2.484	155.	14.1	4	.0042	.0079	.381	-.071
AD286	-.25	.7279	3.272	119.	27.1	4	.0048		.359	-.068	
AD287	-.25	.7271	1.635	292.	3.9	4	.0049	.0099	.310	-.056	
AD288	-.25	.7343	2.491	120.	20.6	4	.0039		.369	-.068	
AD289	-.25	.7313	2.484	120.	20.5	4	.0044		.368	-.068	
AD290	-.25	.7290	1.636	294.	3.8	4	.0052	.0094	.310	-.057	

TABLEAU DES RESULTATS OBTENUS EN T.D.

ESSAI	ALPH	MU	PI (h)	IT OK	RI p+RA	NE	EXF	EXS	L2	L1	
Variation de Rc M ₀ =0.76 α=0.25°	AD291	.25	.7610	1.678	295.	4.0	5	.0067	.0105	.399	-.055
	AD292	.25	.7594	2.896	297.	6.9	4	.0063	.0095	.444	-.062
	AD293	.25	.7598	1.669	292.	4.0	4	.0071	.0105	.399	-.055
	AD294	.25	.7598	3.290	296.	7.8	4	.0060	.0093	.453	-.065
	AD295	.25	.7594	1.645	120.	13.9	4	.0063	.0096	.466	-.068
	AD296	.25	.7603	2.982	120.	25.2	4	.0061	.0094	.478	-.070
	AD297	.25	.7567	1.674	292.	4.0	4	.0065	.0105	.397	-.055
	AD298	.25	.7595	1.991	154.	11.5	4	.0061	.0092	.473	-.070
	AD299	.25	.7589	2.983	155.	17.2	4	.0053	.0082	.491	-.074
-0.25° 0.73	AD300	-.25	.7264	1.641	291.	3.9	4	.0052	.0096	.314	-.056
	AD301	-.25	.7332	2.493	119.	20.7	4	.0040	.0081	.374	-.069
Variation de Rc M ₀ =0.7-0.76 α=1°	AD302	1.00	.6980	1.616	294.	3.7	5	.0067	.0100	.479	-.053
	AD303	1.00	.7608	1.689	295.	4.1	4	.0119	.0143	.546	-.062
	AD304	1.00	.6987	2.888	297.	6.5	4	.0062	.0092	.513	-.059
	AD305	1.00	.7587	2.883	297.	6.8	4	.0114	.0134	.588	-.070
	AD306	1.00	.7645	2.402	295.	5.8	4	.0128	.0152	.574	-.070
	AD307	1.00	.7020	2.398	296.	5.5	4	.0064	.0096	.507	-.056
	AD308	1.00	.7012	1.995	154.	11.0	4	.0064	.0085	.534	-.064
	AD309	1.00	.7603	2.002	155.	11.6	4	.0122	.0131	.599	-.078
	AD310	1.00	.7033	2.496	120.	20.1	4	.0069	.0090	.524	-.062
AD311	1.00	.7638	2.496	119.	21.2	4	.0129	.0136	.597	-.078	
α=-2° M ₀ =0.765	AD312	-2.00	.7625	1.689	295.	4.1	5	.0056	.0104	.055	-.062
	AD313	-2.00	.7645	2.878	298.	6.8	4	.0049	.0095	.081	-.068
	AD314	-2.00	.7715	1.966	156.	11.3	4	.0039	.0087	.105	-.075
	AD315	-2.00	.7646	2.473	120.	20.9	4	.0046	.0091	.108	-.075
α=+2° M ₀ =0.765	AD316	2.00	.7696	2.490	295.	6.0	4	.0272	.0365	.640	-.065
	AD317	2.00	.7647	1.986	155.	11.5	4	.0265		.705	-.079
	AD318	2.00	.7630	1.673	155.	9.7	4	.0257	.0317	.703	-.077
	AD319	2.00	.7638	1.692	294.	4.1	4	.0245	.0308	.651	-.065
	AD320	2.00	.7669	2.487	120.	21.0	4	.0268	.0350	.692	-.076
Divergence de Trainée: +0.25° Rc=4.10° et Rc=25.10°	AD321	.25	.7619	1.779	293.	4.3	4	.0070	.0106	.404	-.056
	AD322	.25	.7729	1.716	295.	4.2	4	.0079	.0112	.410	-.057
	AD323	.25	.7843	1.731	296.	4.2	4	.0101	.0134	.406	-.061
	AD324	.25	.7904	1.741	296.	4.2	4	.0121	.0155	.392	-.062
	AD325	.25	.7416	1.662	297.	3.9	4	.0063	.0102	.388	-.054
	AD326	.25	.7183	1.629	297.	3.7	4	.0057	.0100	.381	-.055
	AD327	.25	.7625	2.495	298.	5.9	4	.0071	.0102	.440	-.062
	AD328	.25	.7003	1.596	294.	3.7	4	.0052	.0098	.378	-.055
	AD330	.25	.7495	2.991	120.	24.9	4	.0295	.0091		
	AD331	.25	.7288	1.614	293.	3.8	4	.0060	.0101	.382	-.054
	AD332	.25	.7661	2.984	121.	25.0	4	.0070	.0097	.485	-.072
	AD333	.25	.7774	2.987	120.	25.3	4	.0086	.0113	.508	-.081
	AD334	.25	.7496	1.647	294.	3.9	4	.0048	.0104	.390	-.054
	AD335	.25	.7396	2.989	120.	25.7	4	.0140	.0166	.478	-.061
AD336	.25	.7291	2.982	120.	24.5	4	.0060	.0087	.459	-.067	

TABLEAU DES RESULTATS OBTENUS EN T.D. (suite)

COMPLEMENT EN
TRANSITION NATURELLE

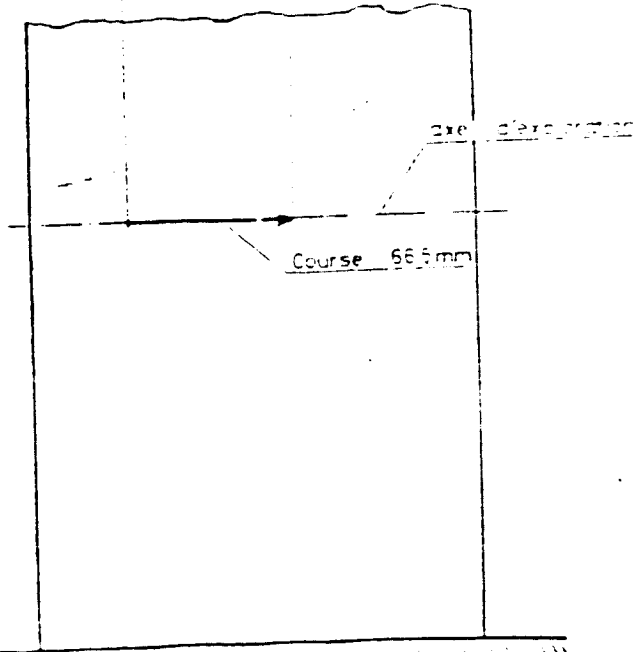
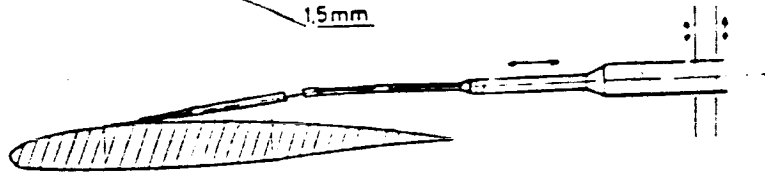
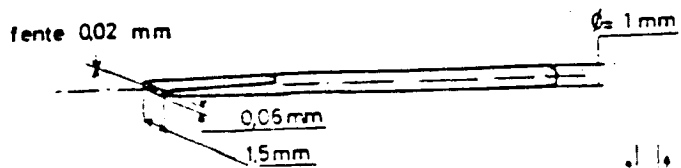
T.N.

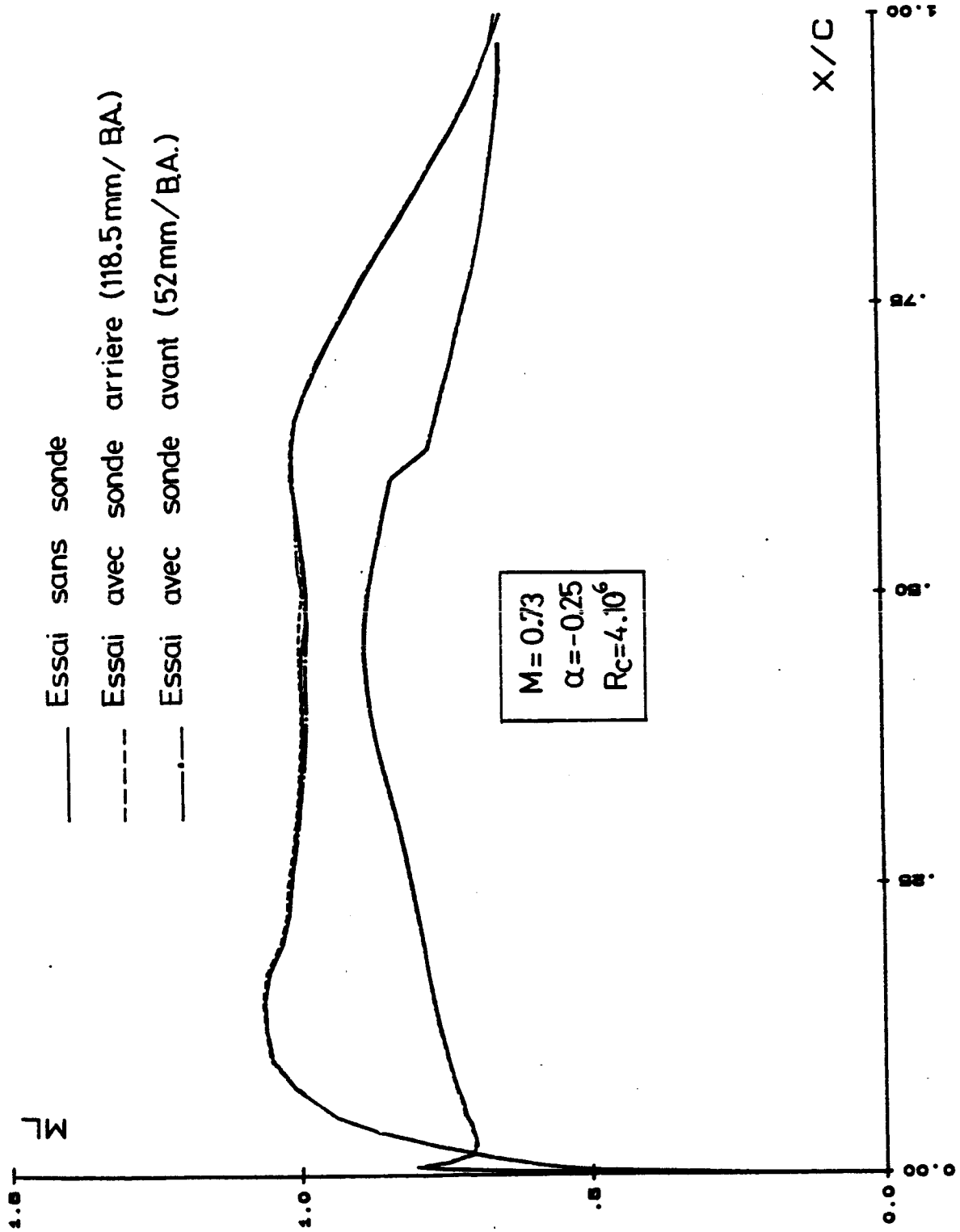


PLANCHES 8 à 15

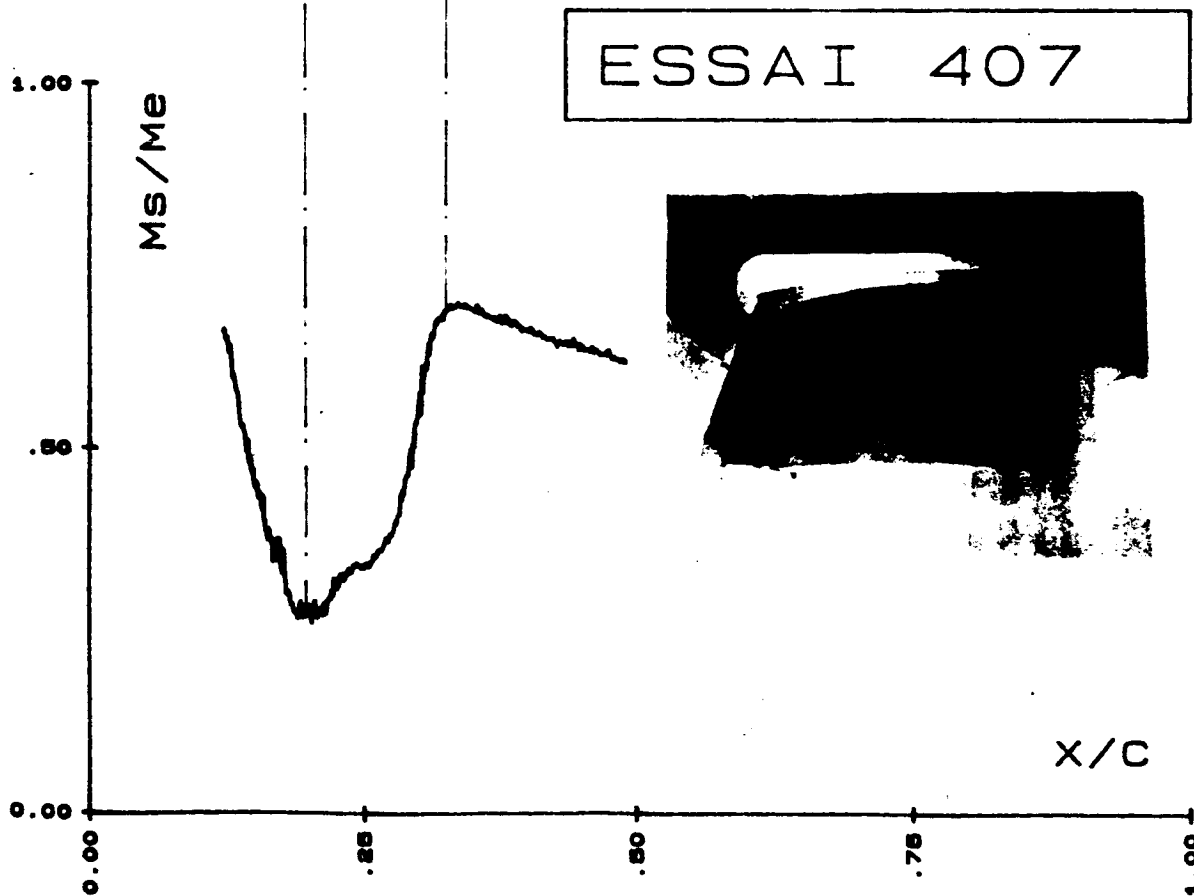
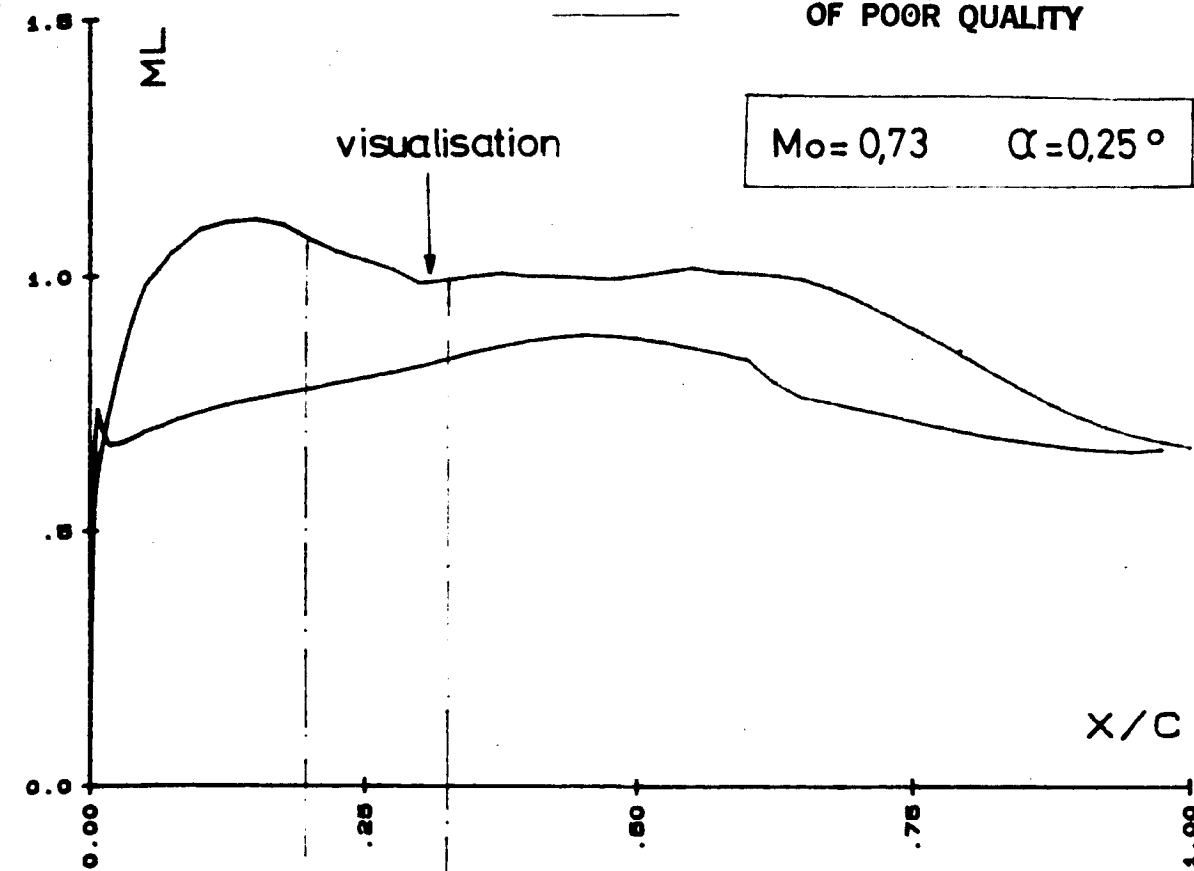


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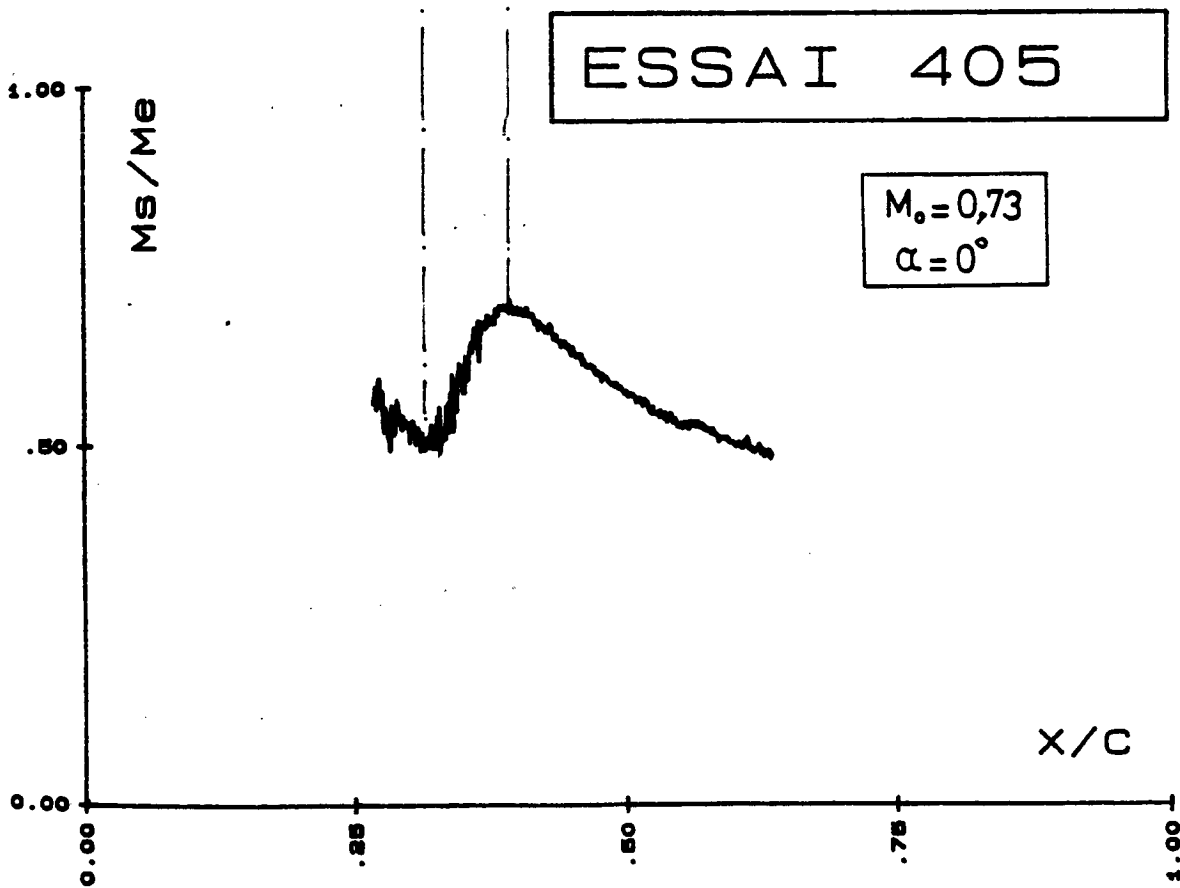
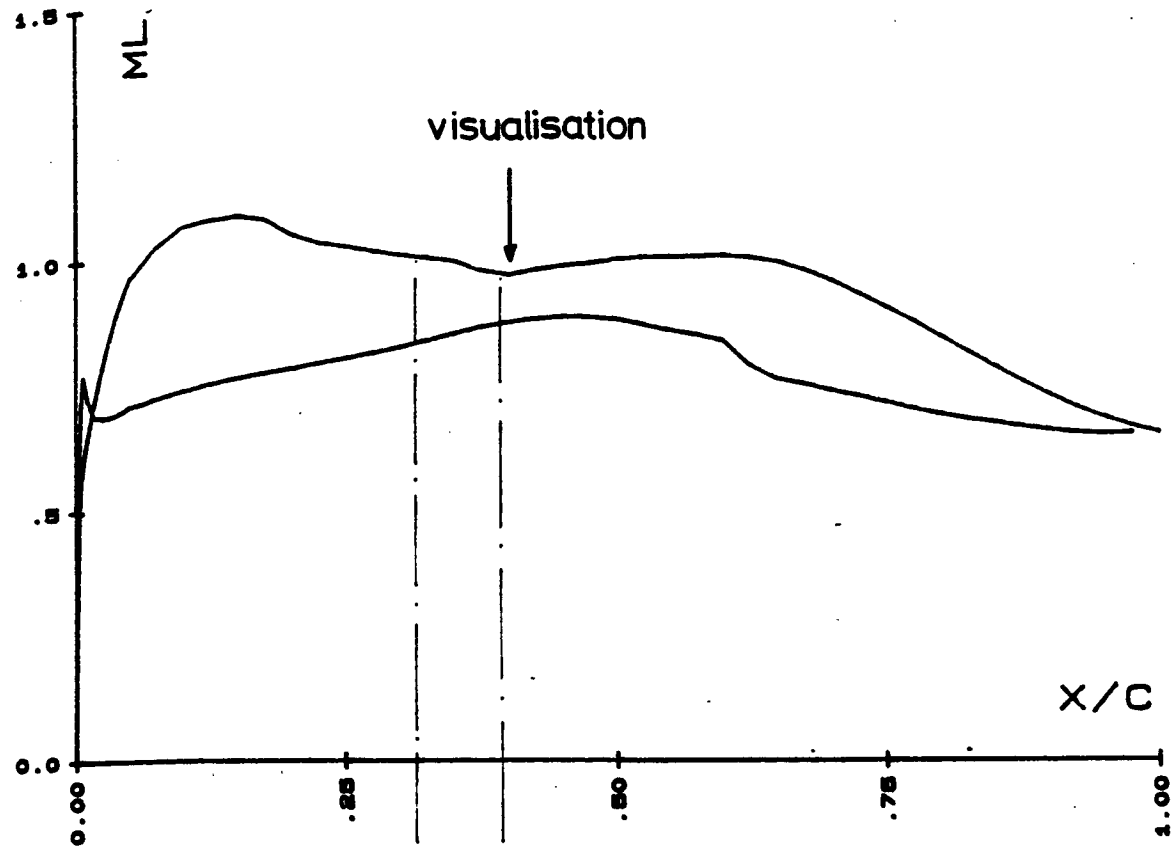
INFLUENCE DE LA PRESENCE DE LA SONDE



REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

$M_0 = 0,73, \alpha = -0,25^\circ$

PL. 11

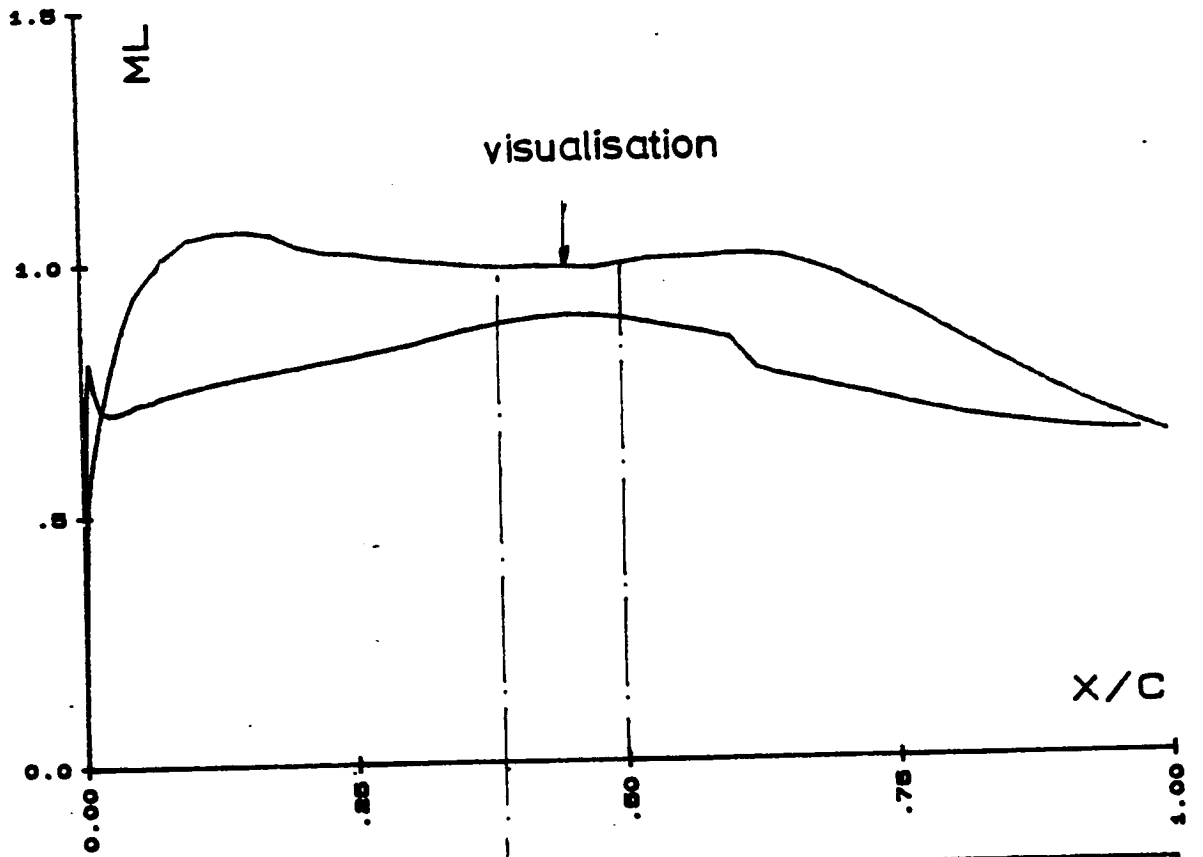


ESSAI 405

$M_0 = 0,73$
 $\alpha = 0^\circ$

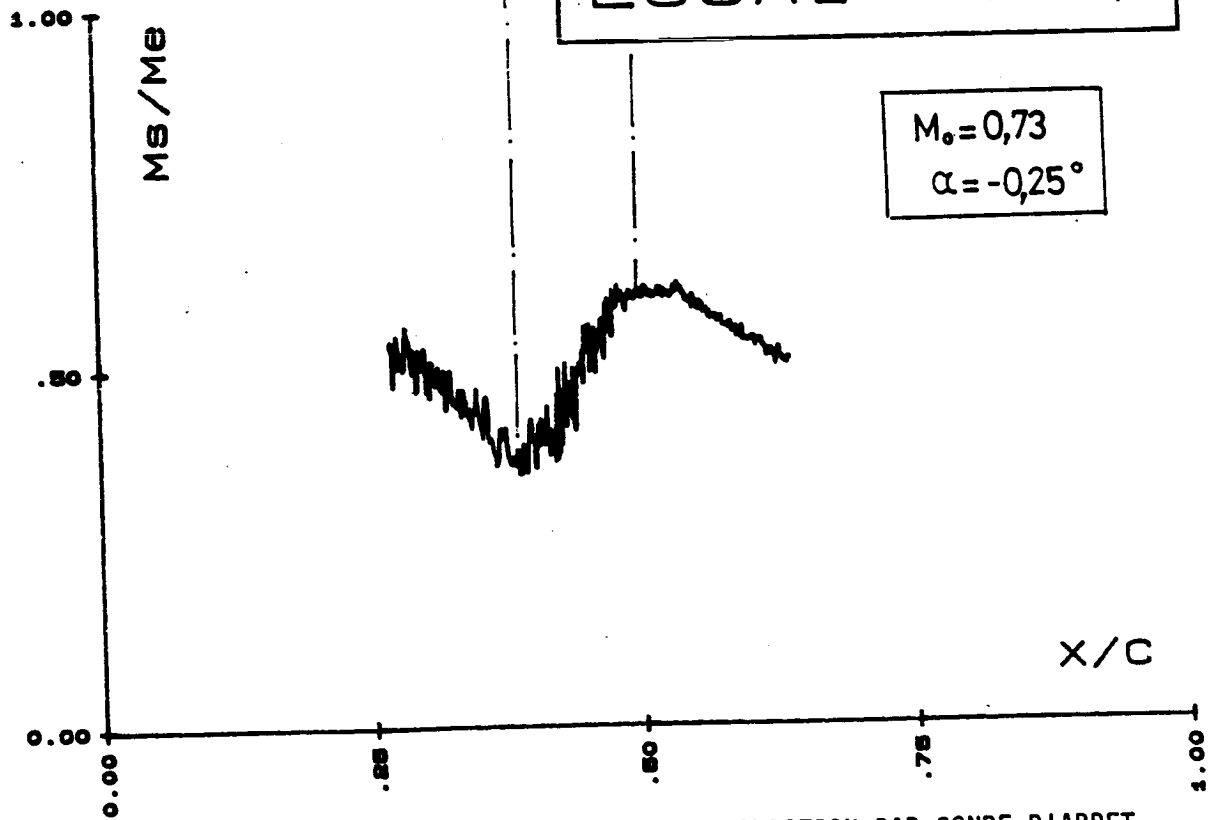
REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

$M_0 = 0,73 \quad \alpha = 0^\circ$



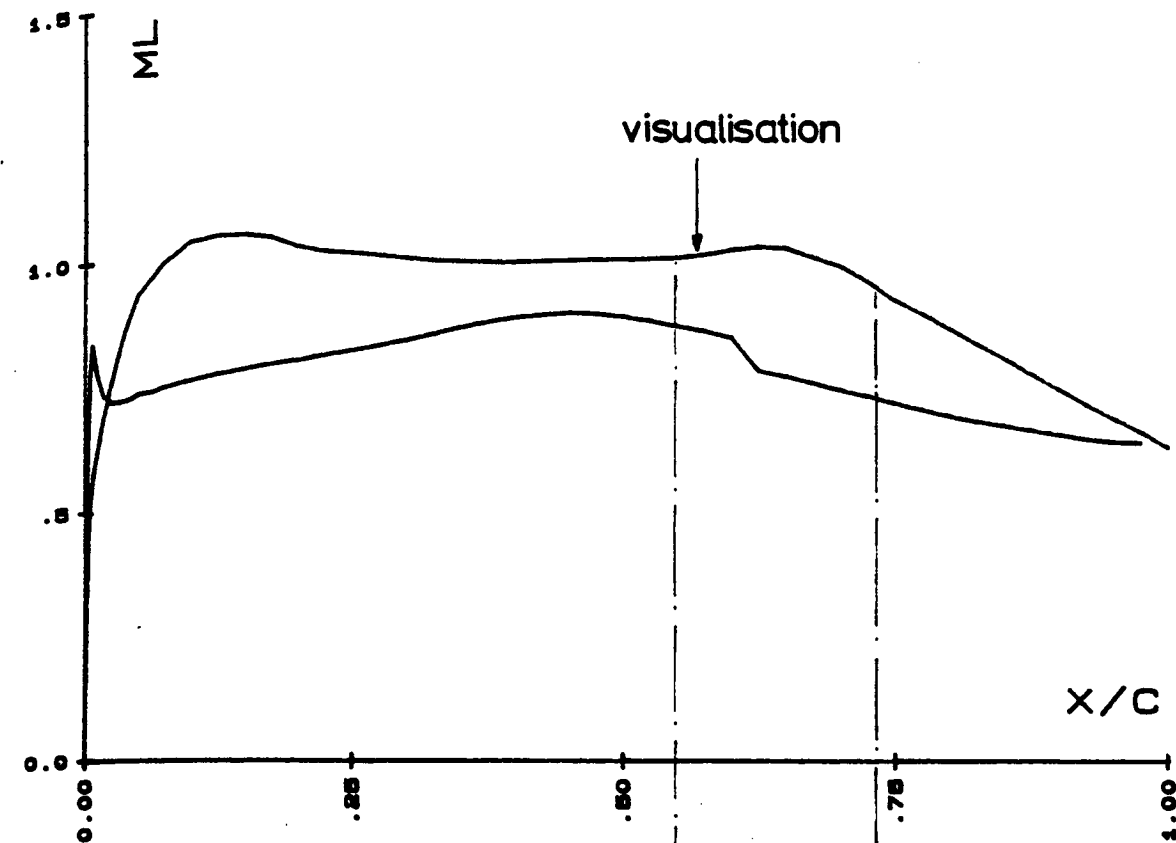
ESSAI 403

$M_0 = 0,73$
 $\alpha = -0,25^\circ$



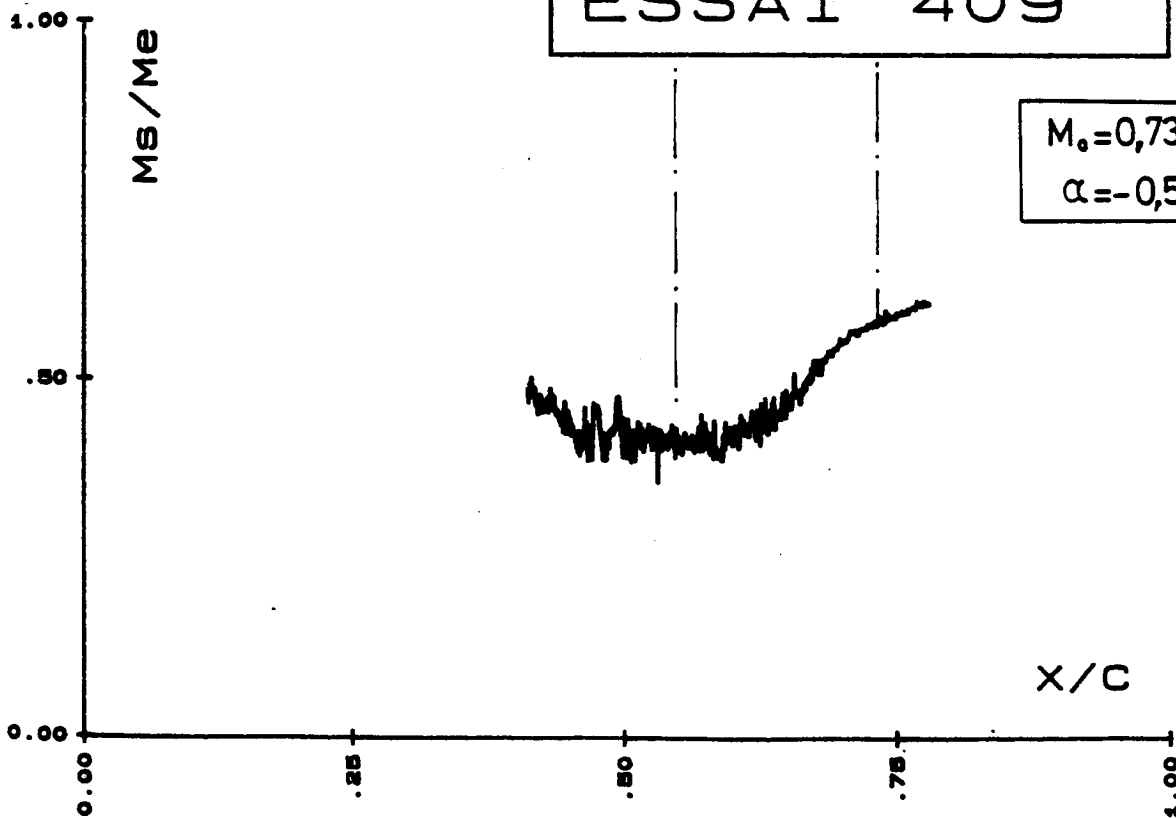
REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

$M_0 = 0,73$ $\alpha = -0,25^\circ$



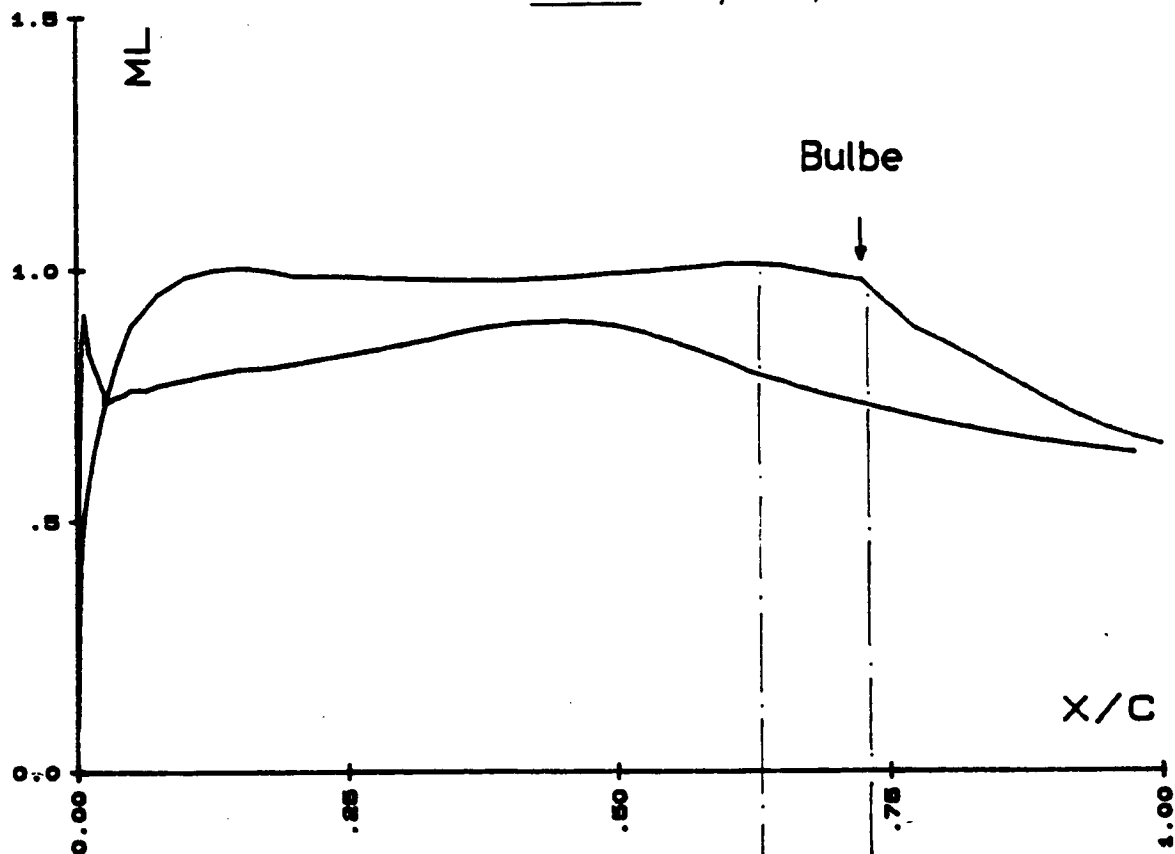
ESSAI 409

$M_0 = 0,733$
 $\alpha = -0,5^\circ$



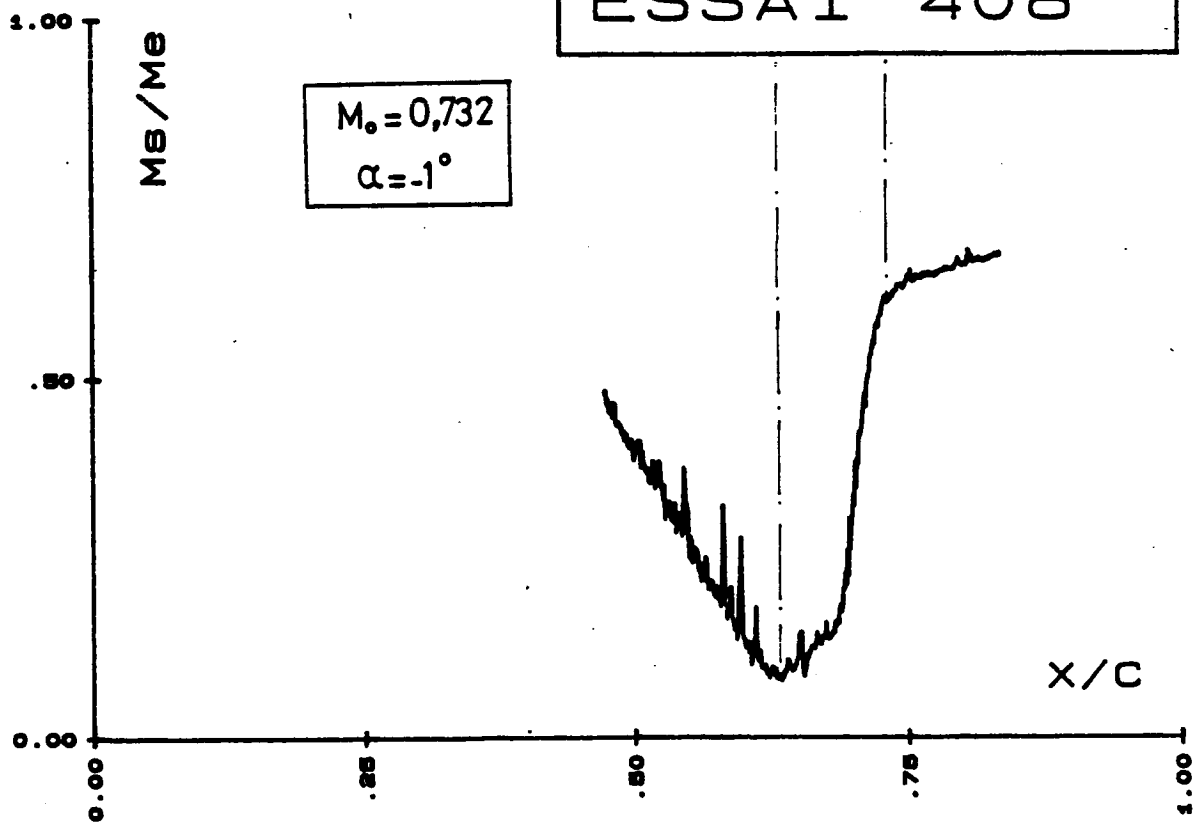
REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

$M_0 = 0,73$ $\alpha = -0,5^\circ$



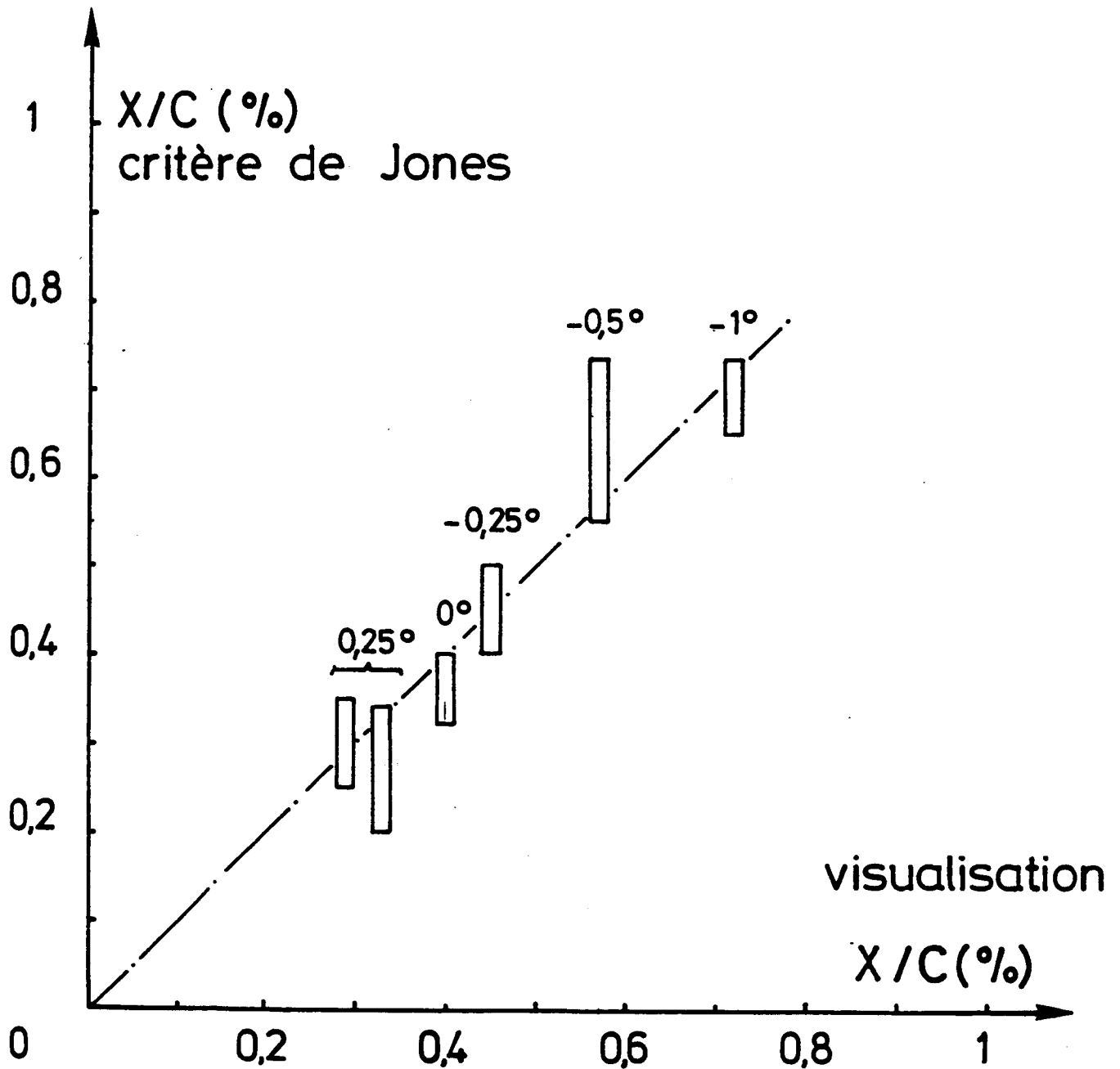
ESSAI 408

$M_0 = 0,732$
 $\alpha = -1^\circ$



REPERAGE DE LA POSITION DE TRANSITION PAR SONDE D'ARRET

$M_0 = 0,73$ $\alpha = -1^\circ$

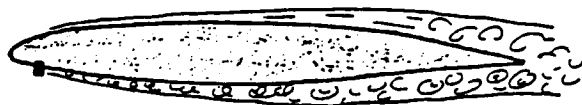


REPERAGE DE LA POSITION DE TRANSITION : COMPARAISON CRITERE
 DE JONES - VISUALISATION

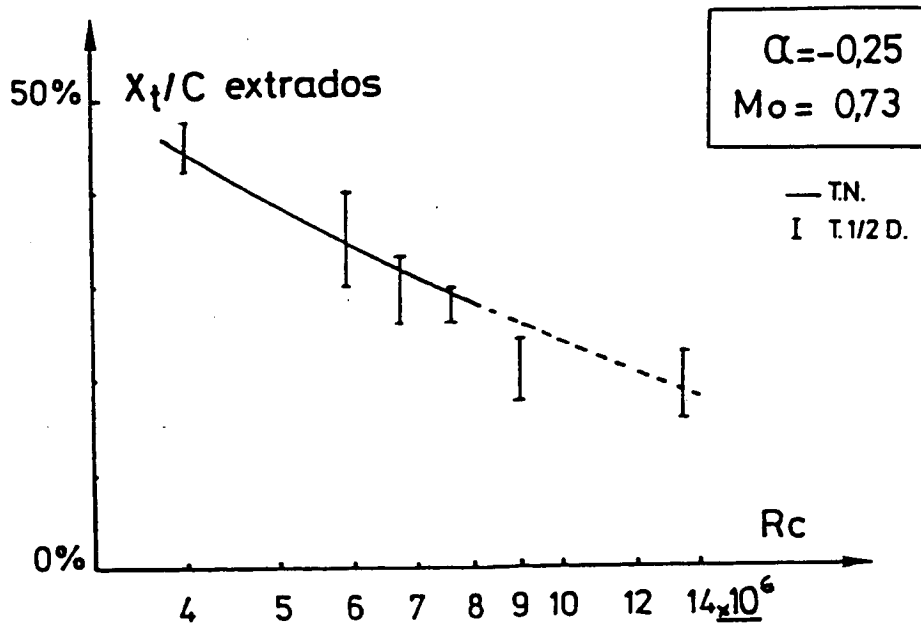
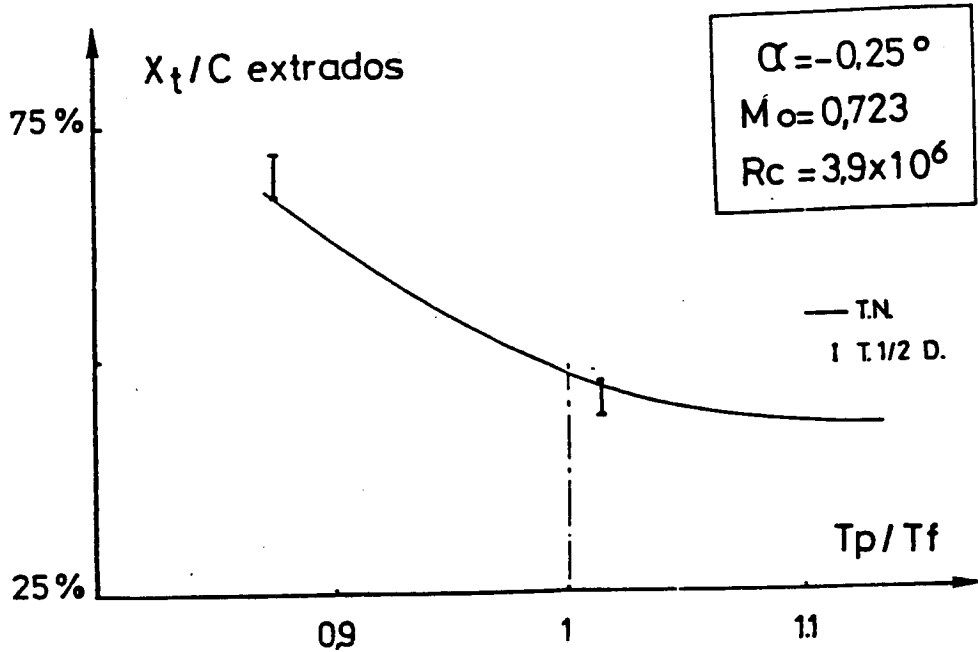
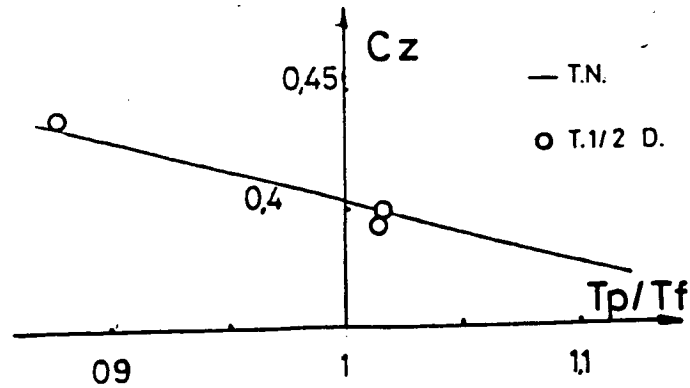
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ESSAIS EN TRANSITION
DEMI-DECLENCHEE

T. 1/2 D.



PLANCHES 16 à 47



COMPARAISON DE RESULTATS T.N. - T. 1/2 D.

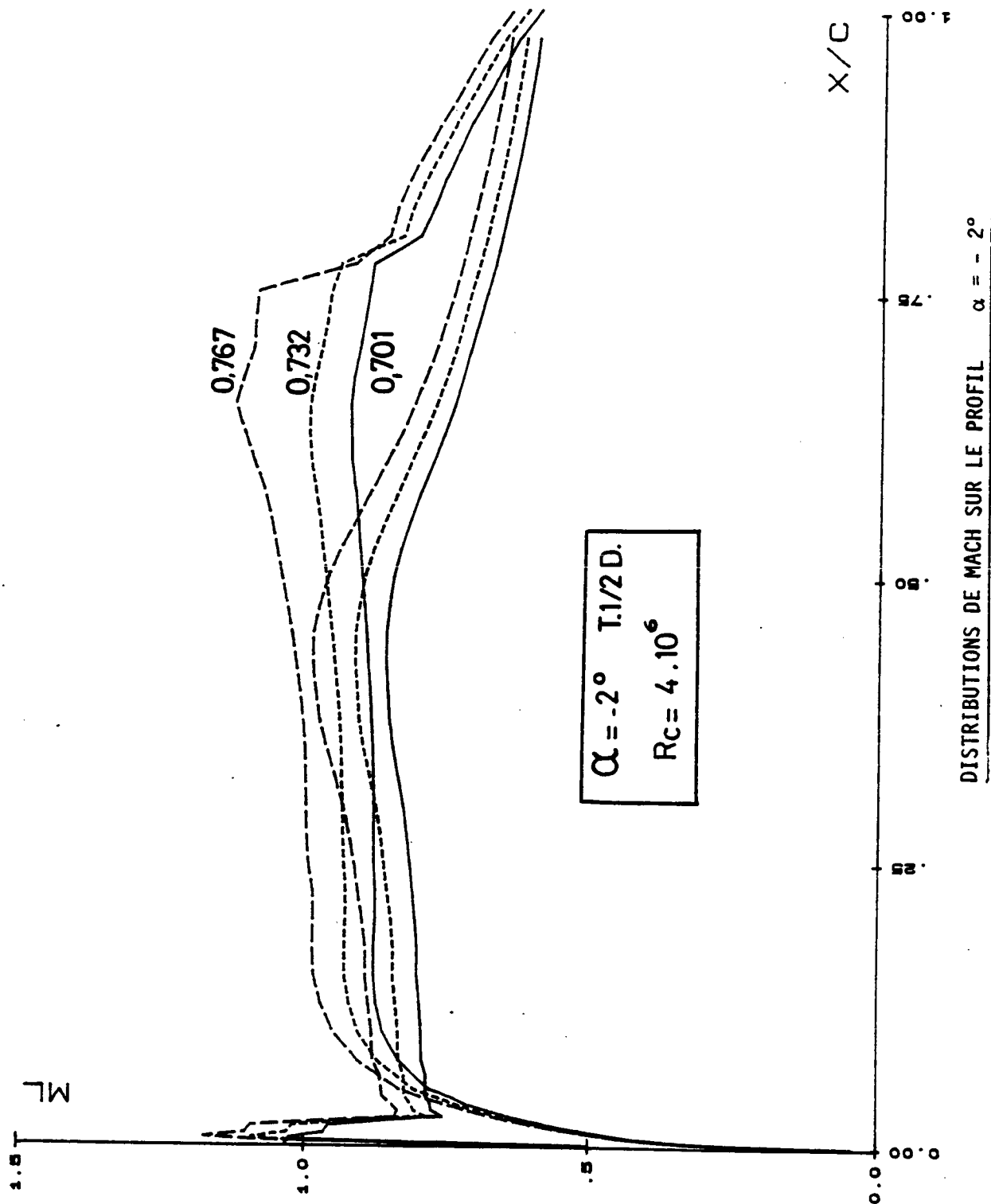
Page sans texte

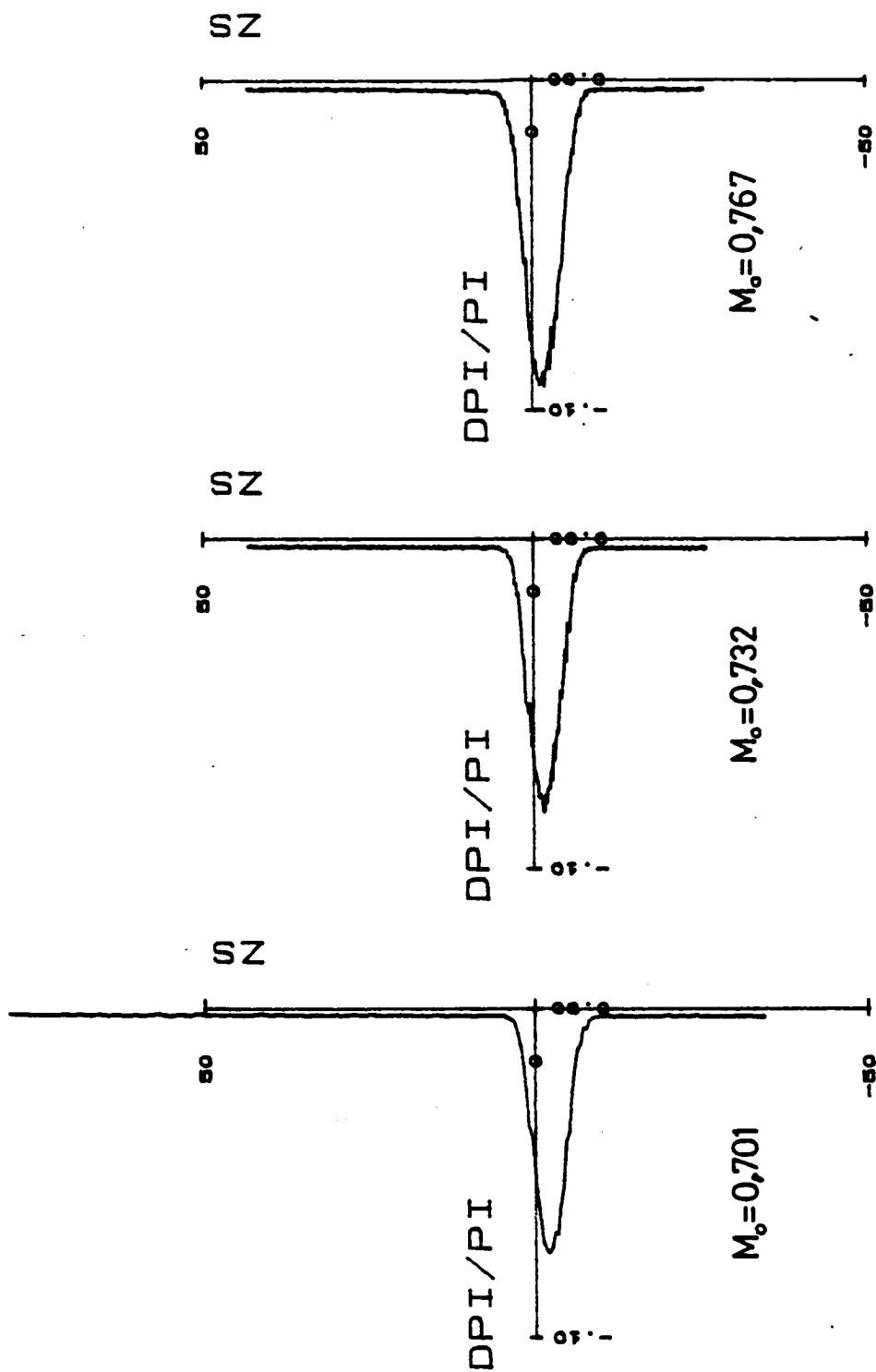
T. 1/2 D.

VARIATION DU NOMBRE DE MACH

$$R_c = 4 \quad 10^6$$

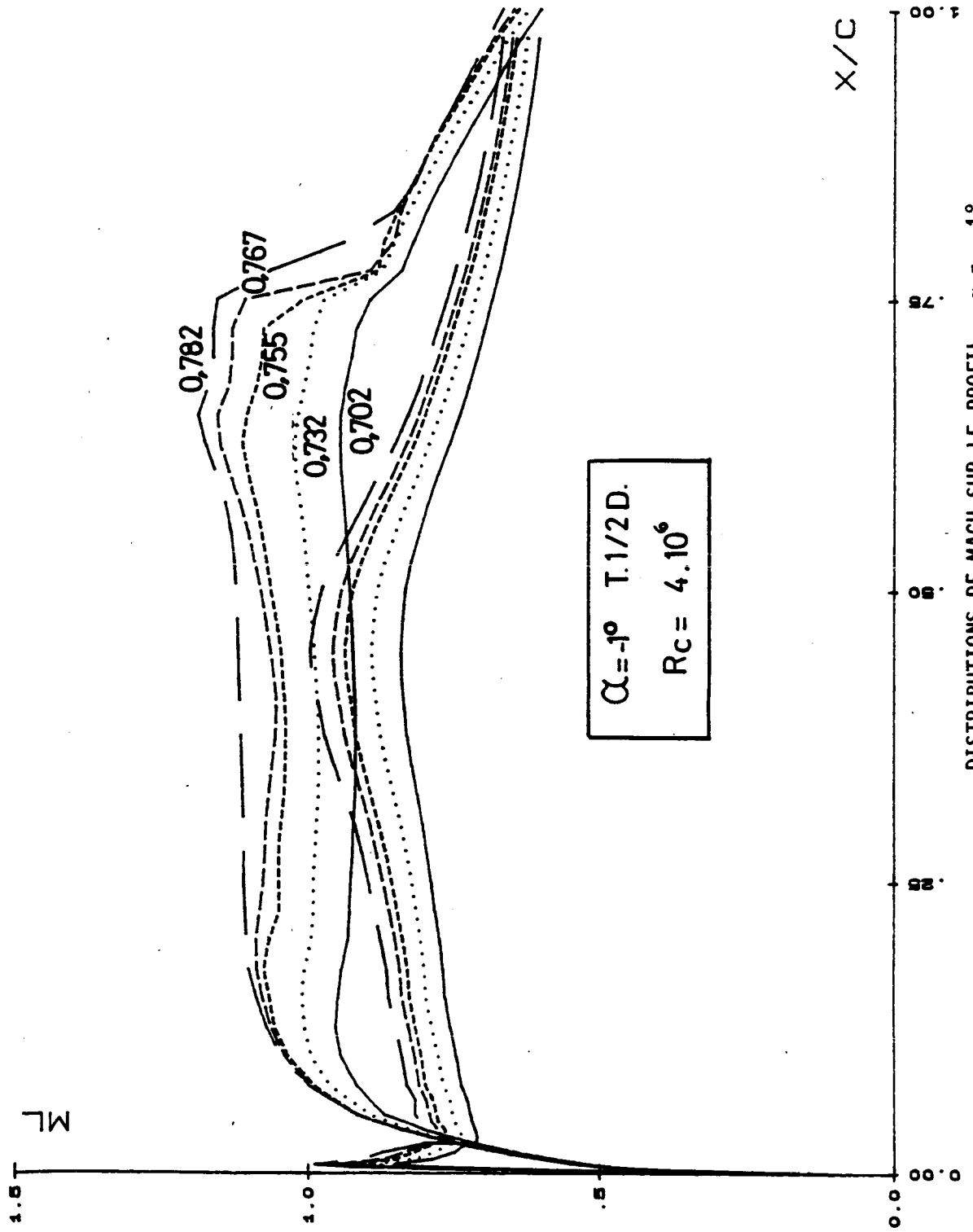
$\alpha = - 2^\circ$	PL. 17 et 18
$\alpha = - 1^\circ$	PL. 19 et 20
$\alpha = 0,5^\circ$	PL. 21 et 22
$\alpha = 0$	PL. 23 et 24
$\alpha = 1^\circ$	PL. 25 et 26
$\alpha = 2^\circ$	PL. 27 et 28.

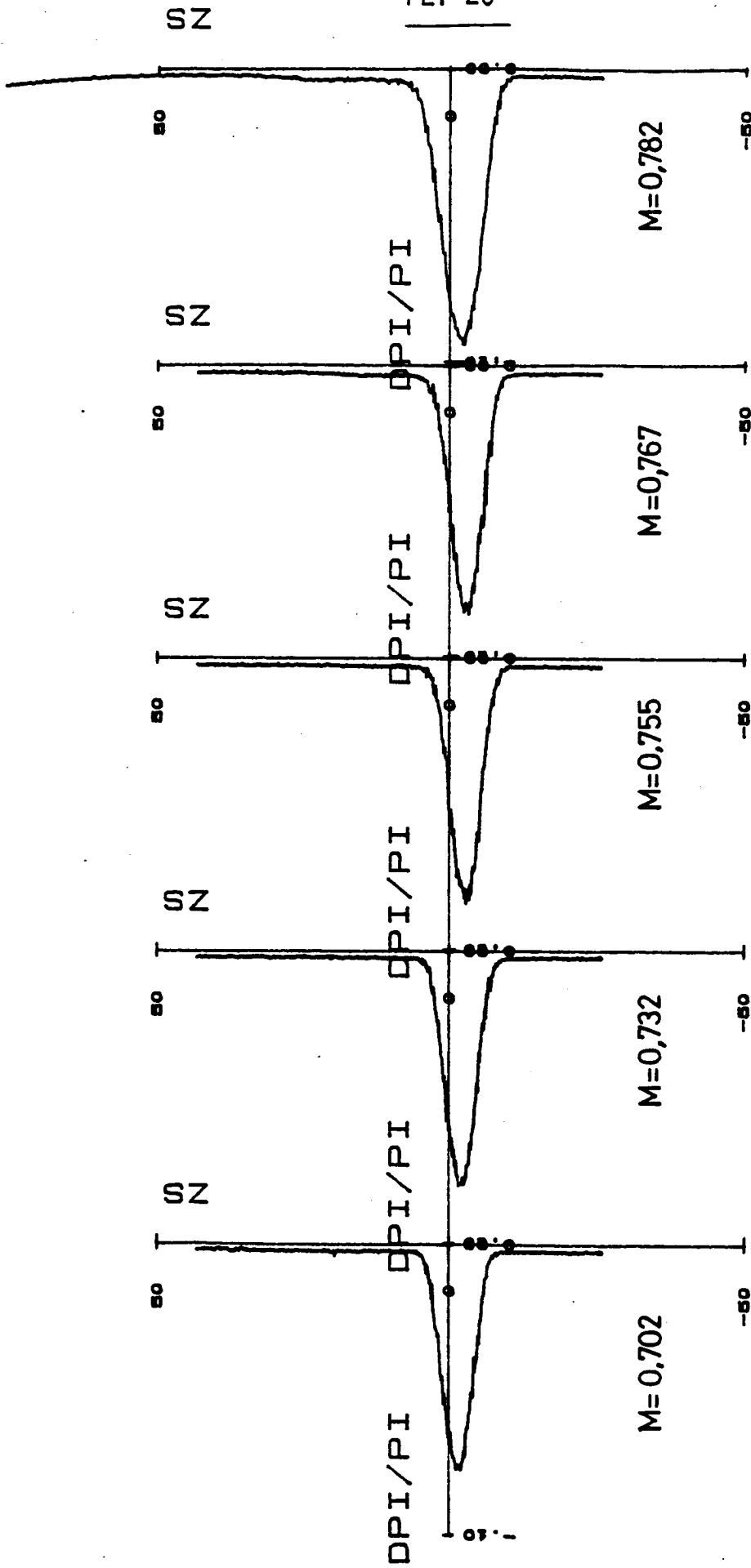




$\alpha = -2^\circ$ T.1/2D. $Rc = 4 \cdot 10^6$

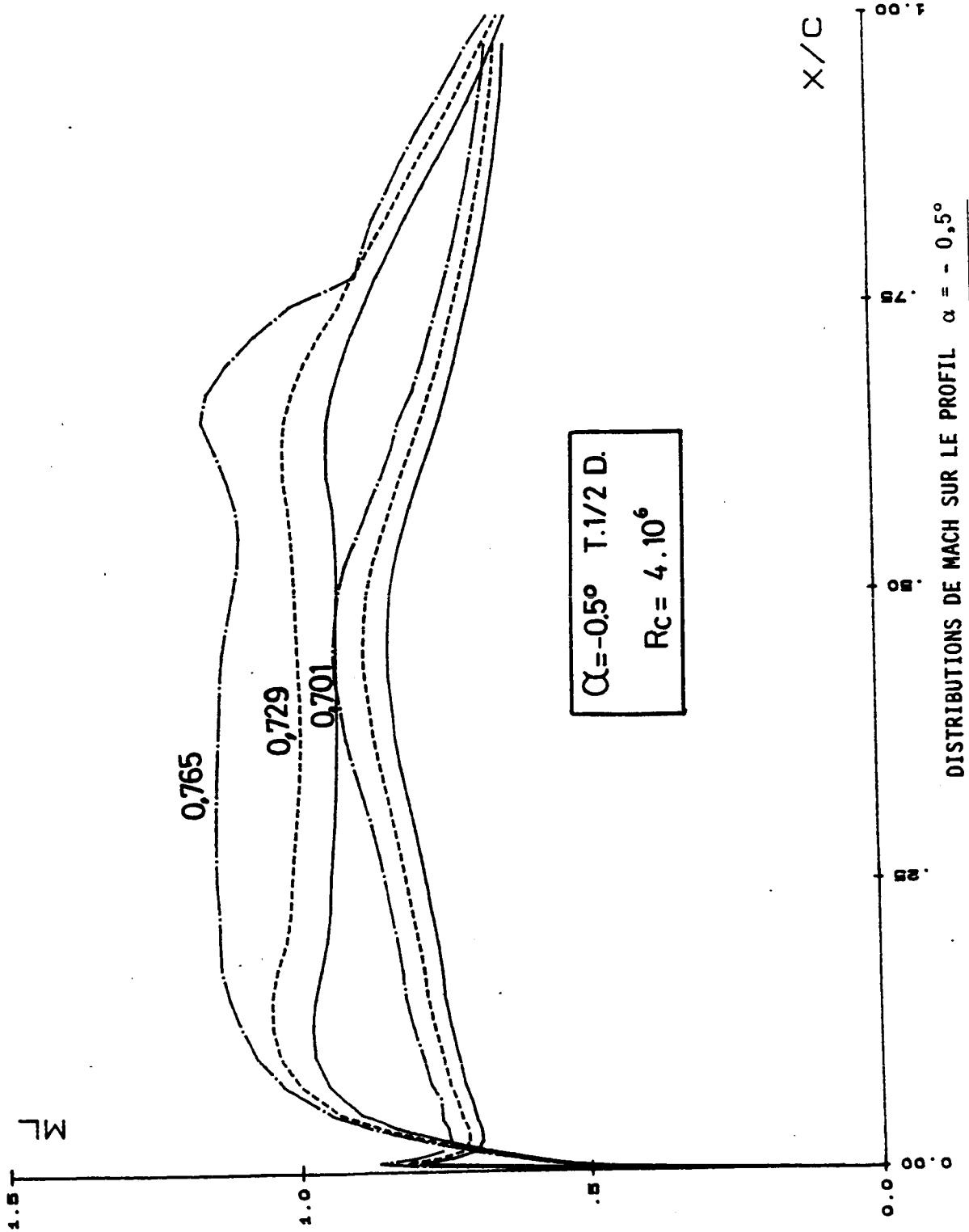
SONDAGES DES SILLAGES $\alpha = -2^\circ$

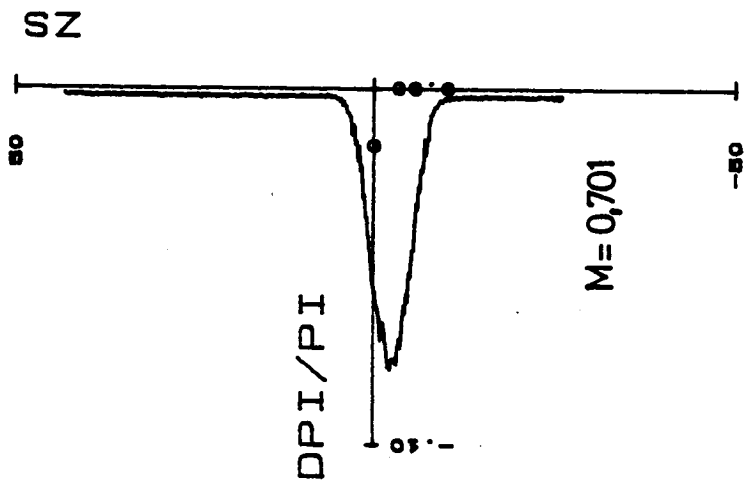
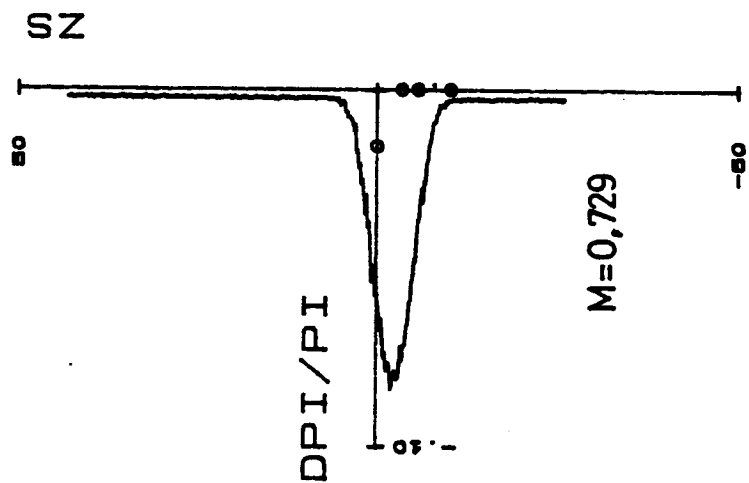
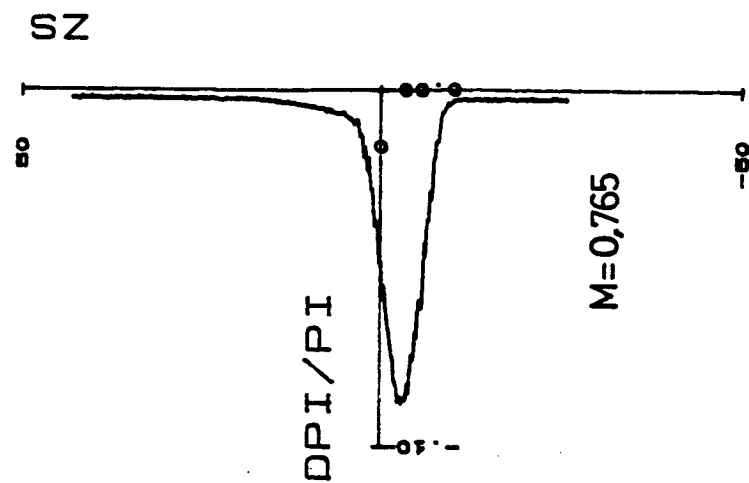




$\alpha = -1^\circ$ $R_c = 4 \cdot 10^6$ T.1/2 D.

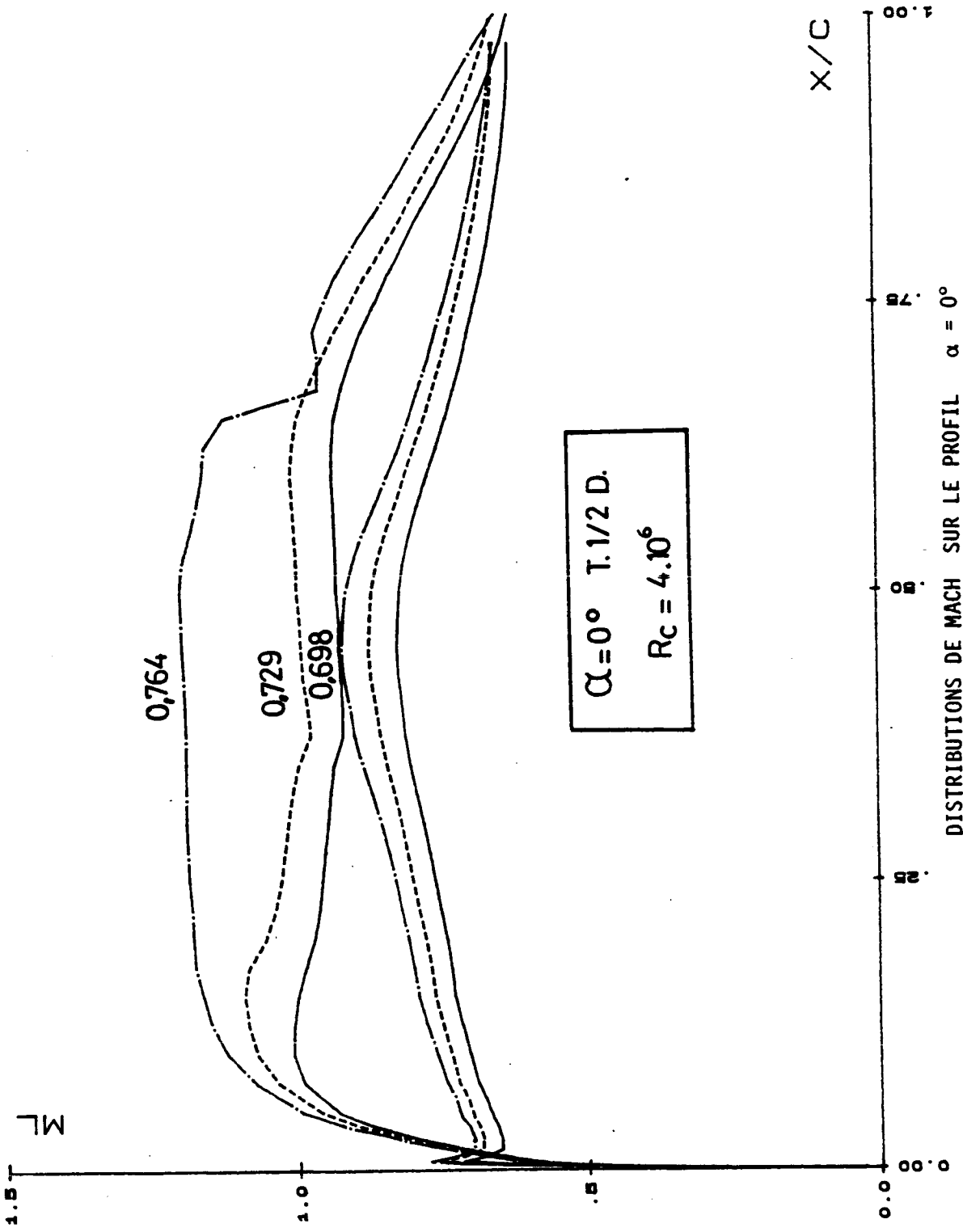
SONDAGES DES SILLAGES $\alpha = -1^\circ$

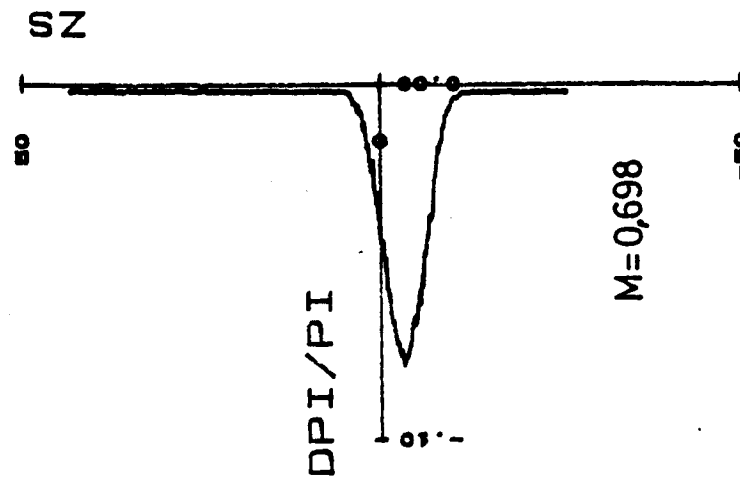
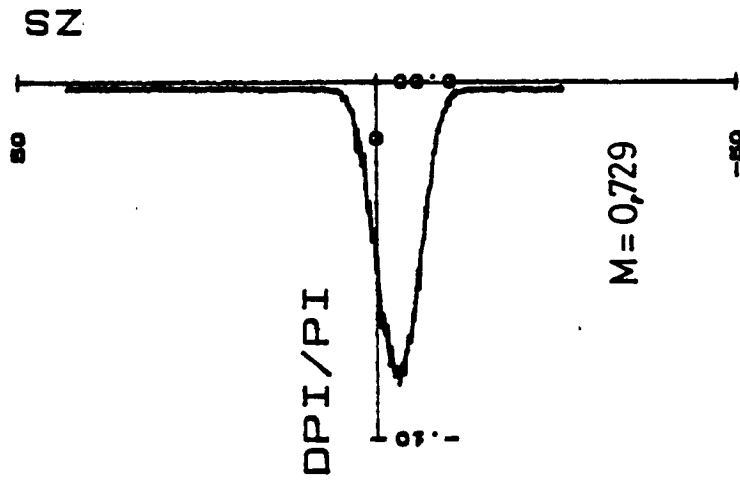
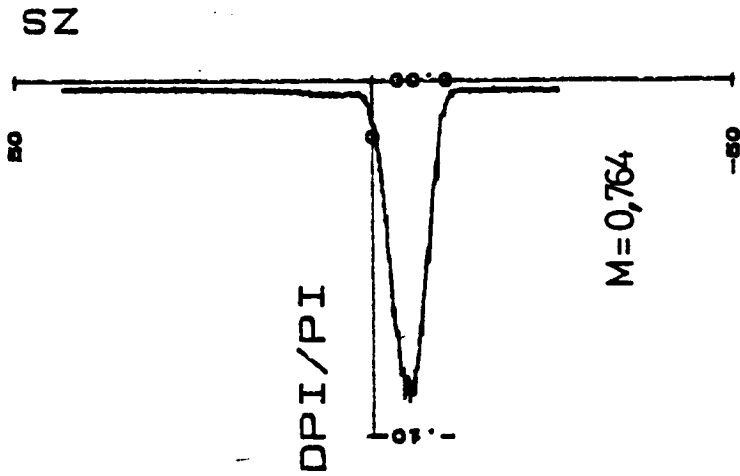




$\alpha = -0,5^\circ$ $R_c = 4 \cdot 10^6$ $T. 1/2 D.$

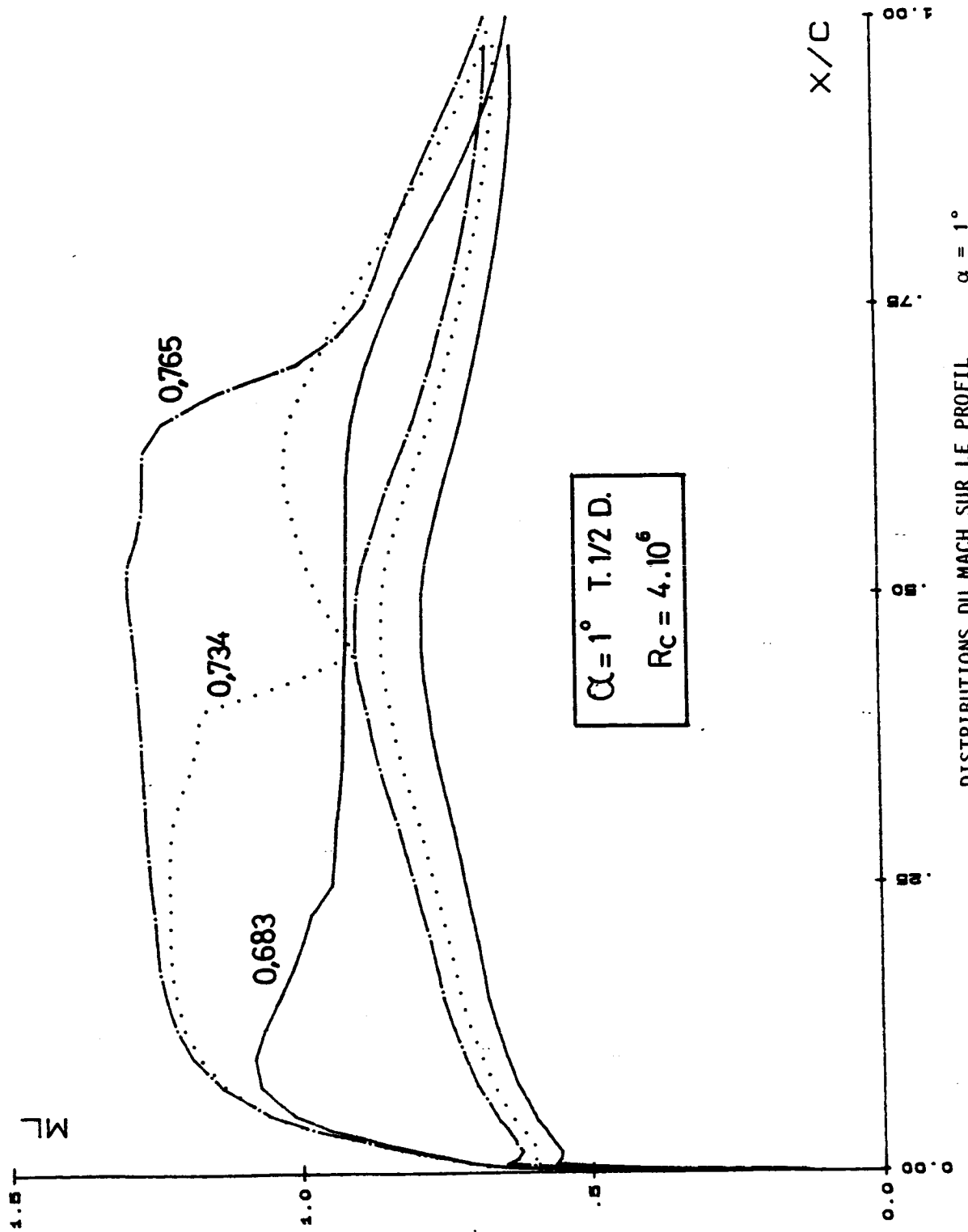
SONDAGES DES SILLAGES $\alpha = - 0,5^\circ$





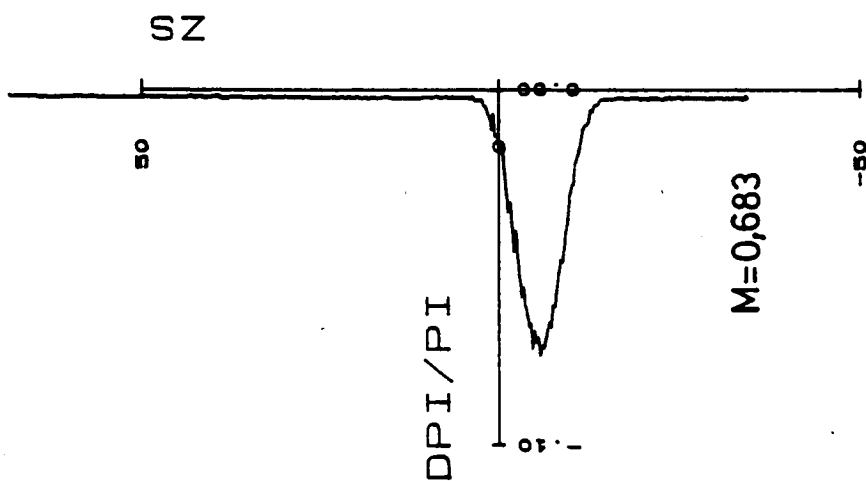
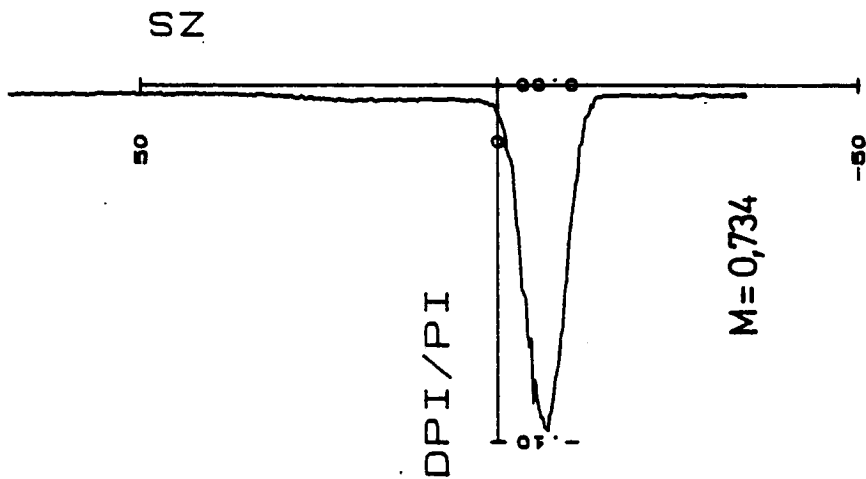
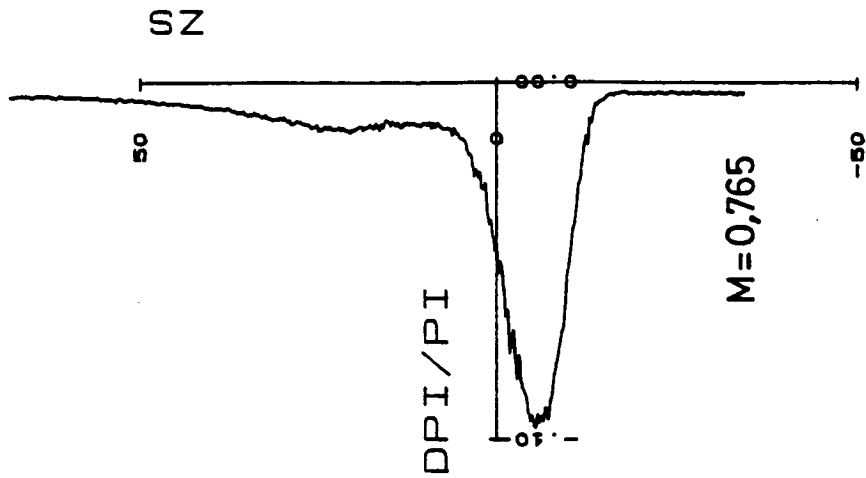
$\alpha = 0^\circ$ $R_c = 4 \cdot 10^6$ T. V2D.

SONDAGES DES SILLAGES $\alpha = 0^\circ$



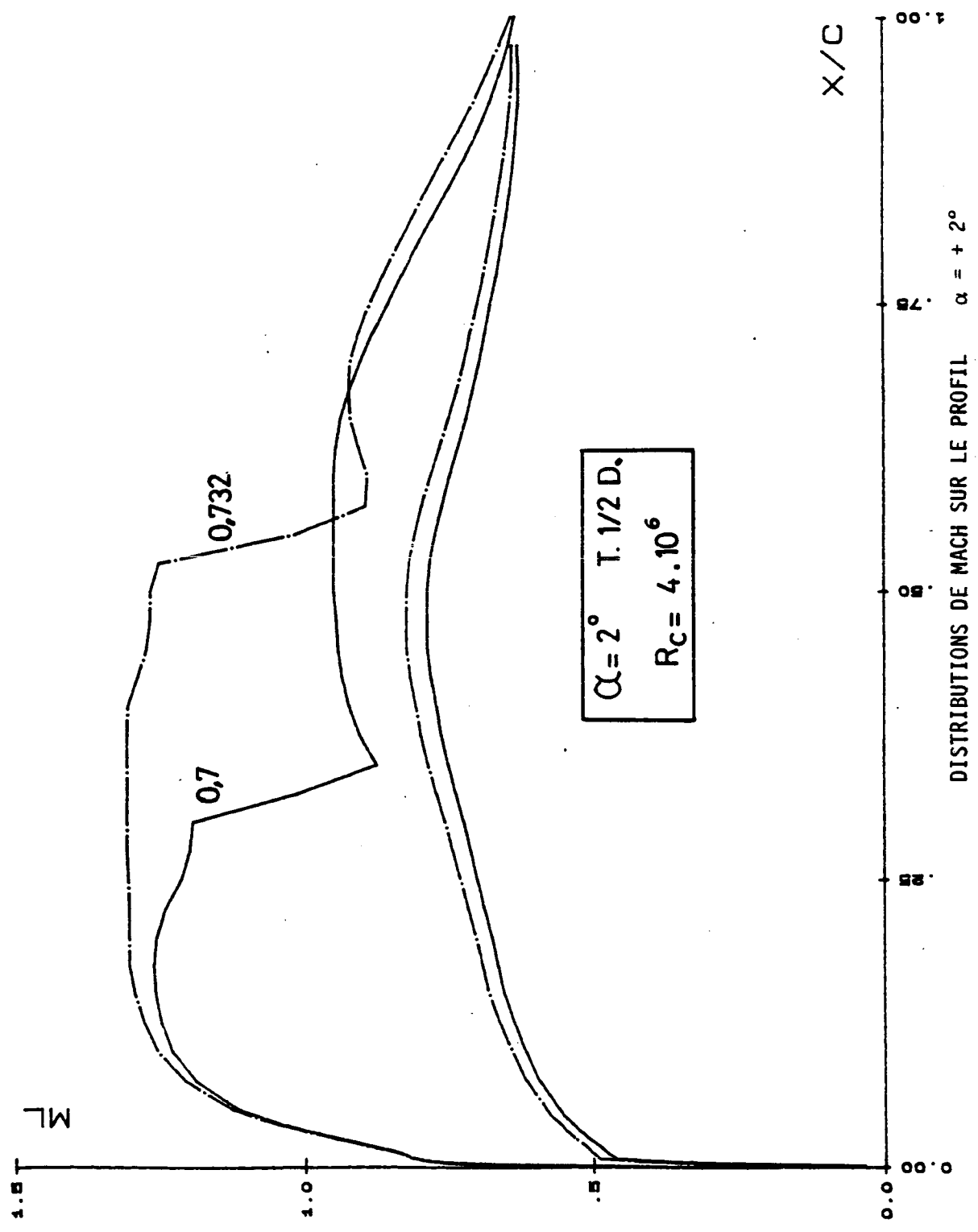
$\alpha = 1^\circ$ T.1/2 D.
 $R_c = 4 \cdot 10^6$

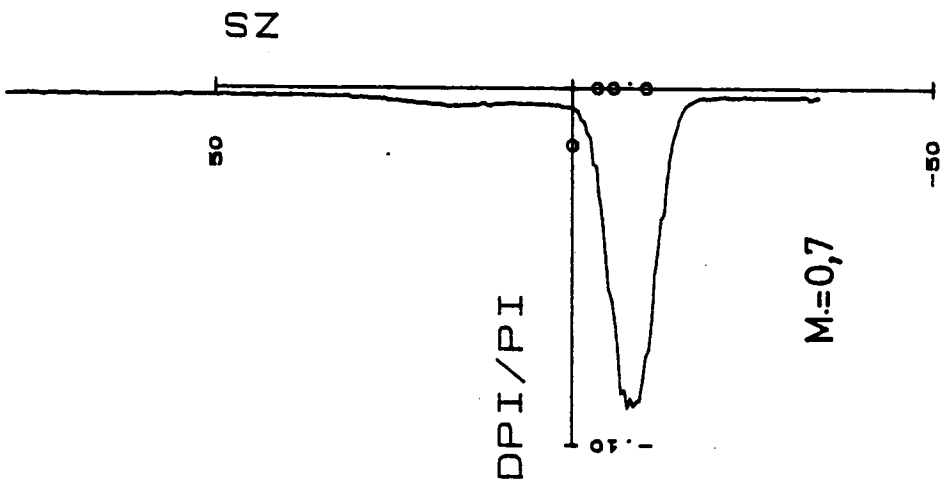
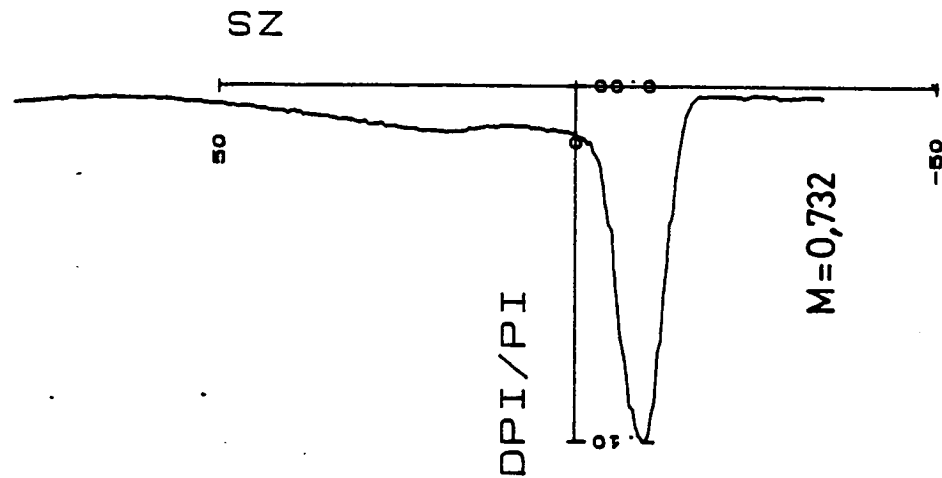
DISTRIBUTIONS DU MACH SUR LE PROFIL $\alpha = 1^\circ$



$\alpha = 1^\circ$ $R_c = 4.10^6$ T. 1/2 D.

SONDAGES DES SILLAGES $\alpha = 1^\circ$





$\alpha = 2^\circ$ $R_c = 4 \cdot 10^6$ $T. 1/2 D.$

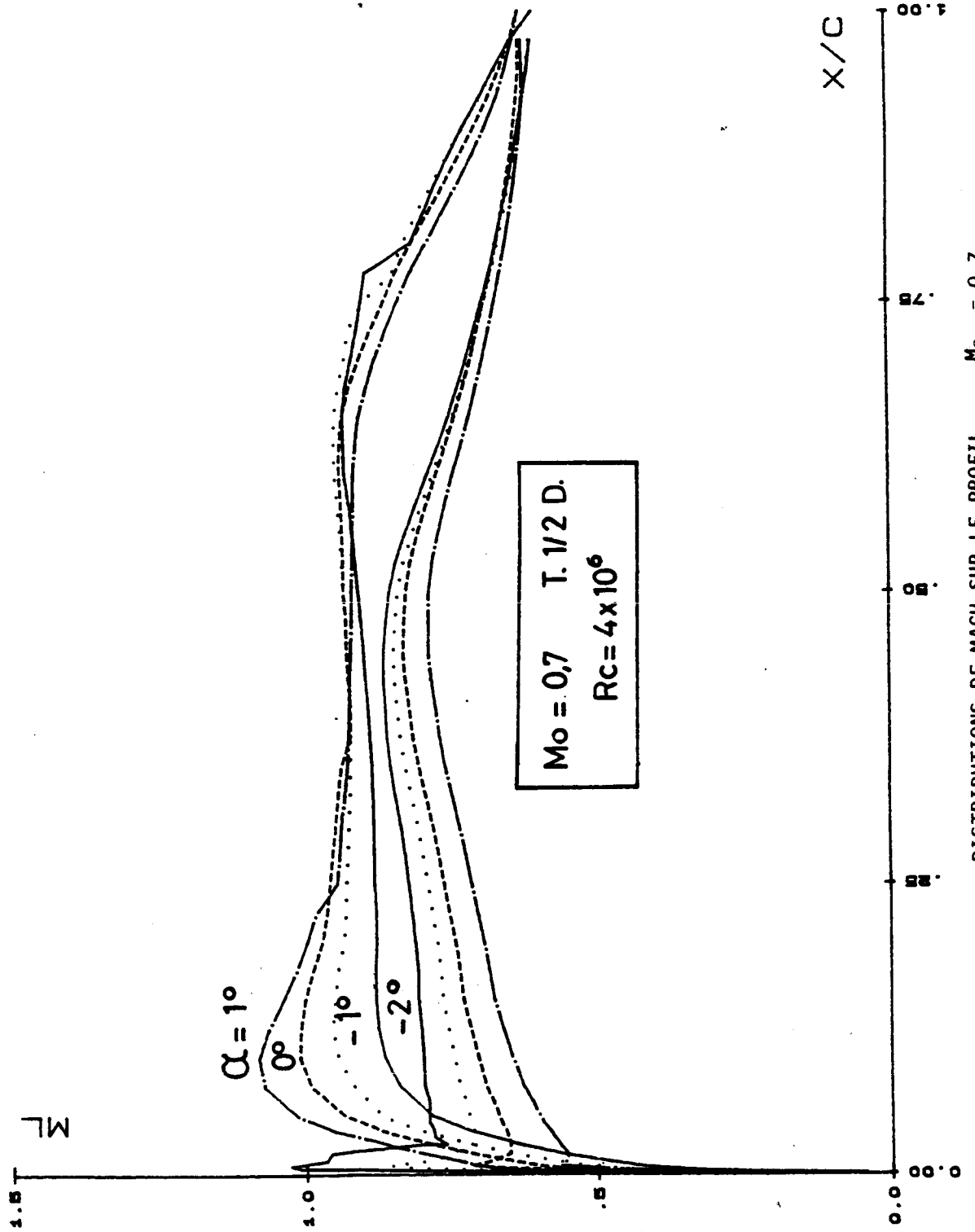
SONDAGES DES SILLAGES $\alpha = + 2^\circ$

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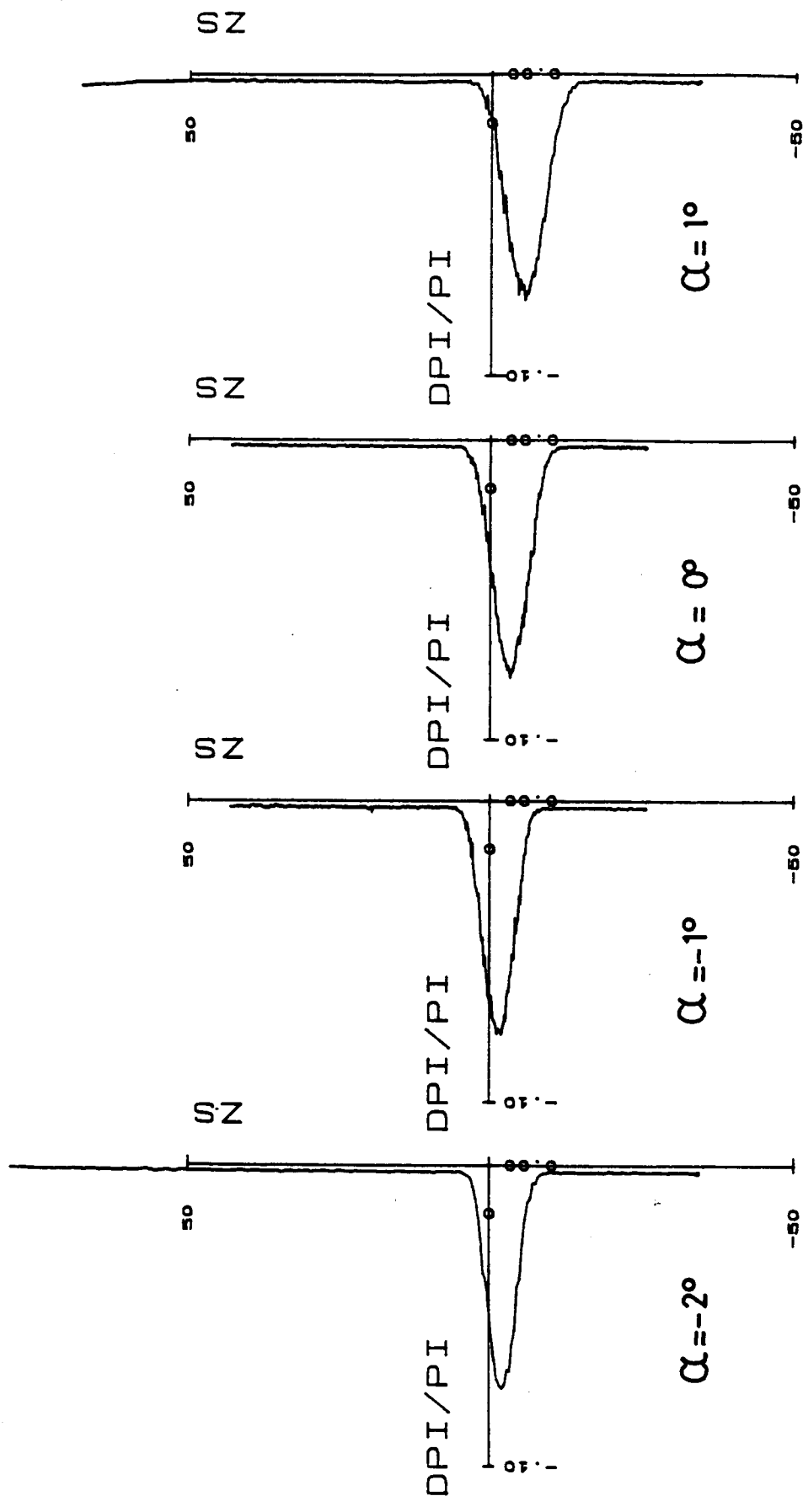
T. 1/2 D.

VARIATION D'INCIDENCE

$M_o = 0,7$	PL. 29 et 30
$M_o = 0,73$	PL. 31 et 32
$M_o = 0,766$	PL. 33 et 34
$M_o = 0,784$	PL. 35 et 36

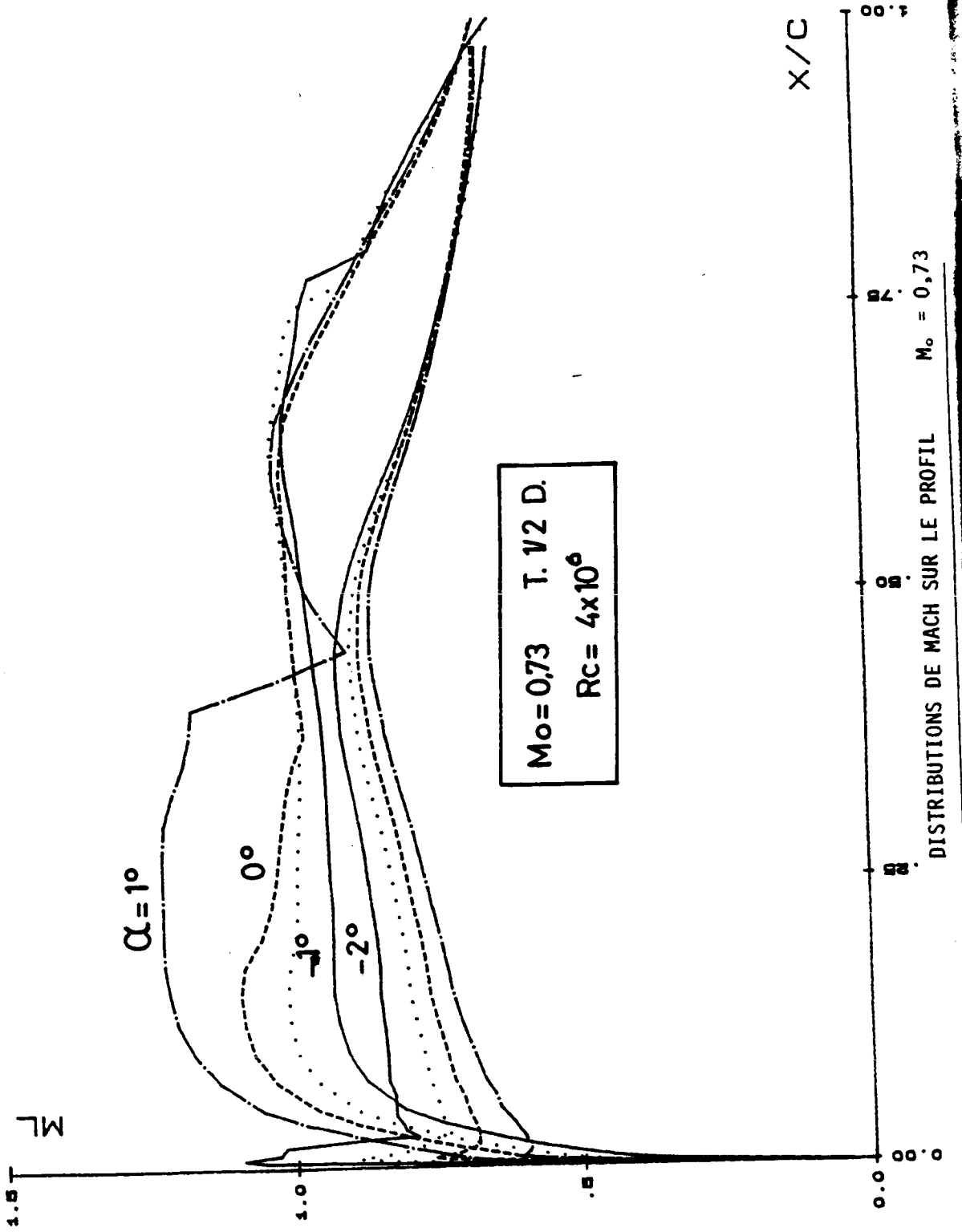


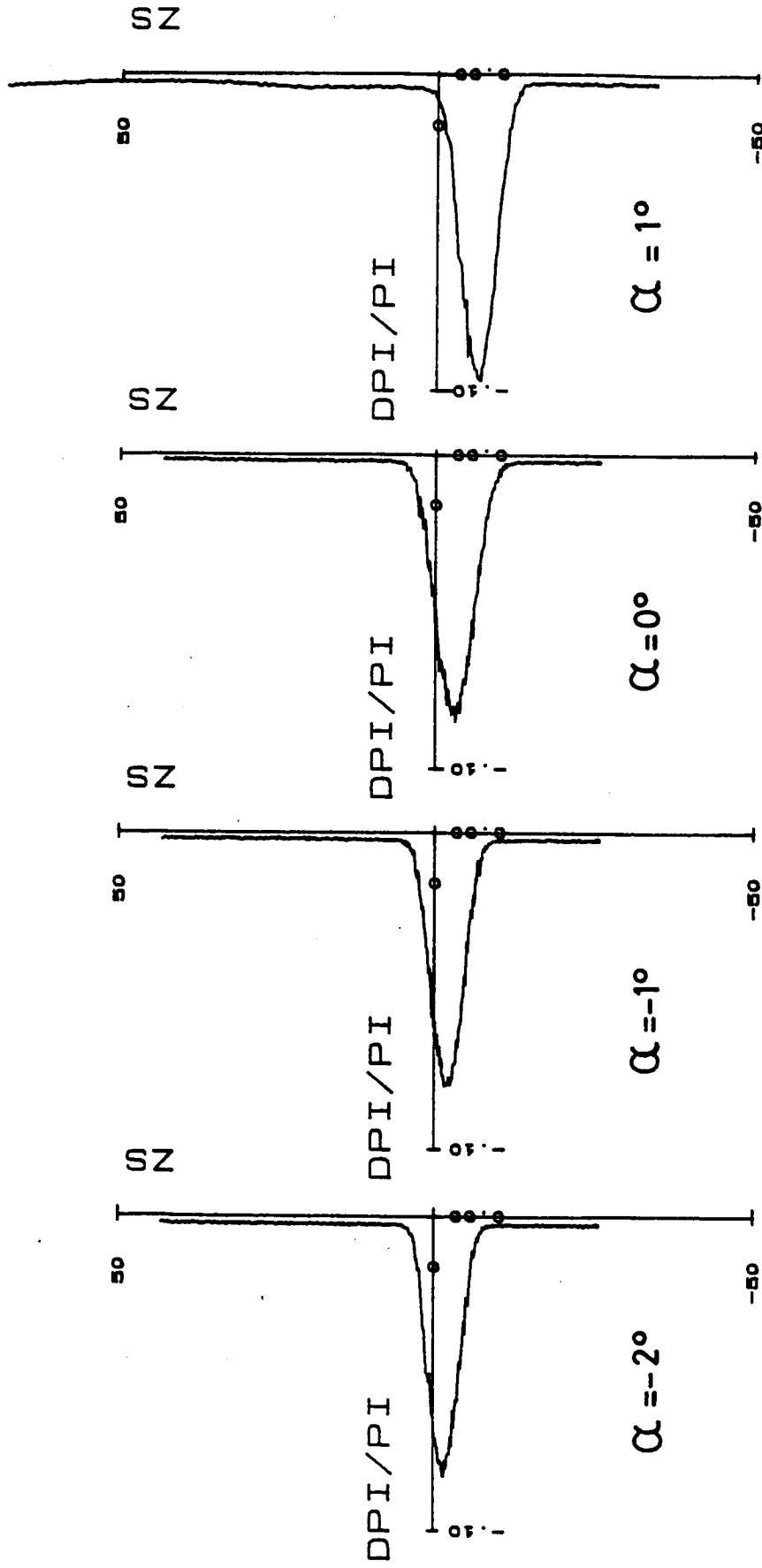
DISTRIBUTIONS DE MACH SUR LE PROFIL $M_0 = 0,7$



$M_0 = 0,7$ $R_c = 4 \times 10^6$ $T. 1/2 \text{ D.}$

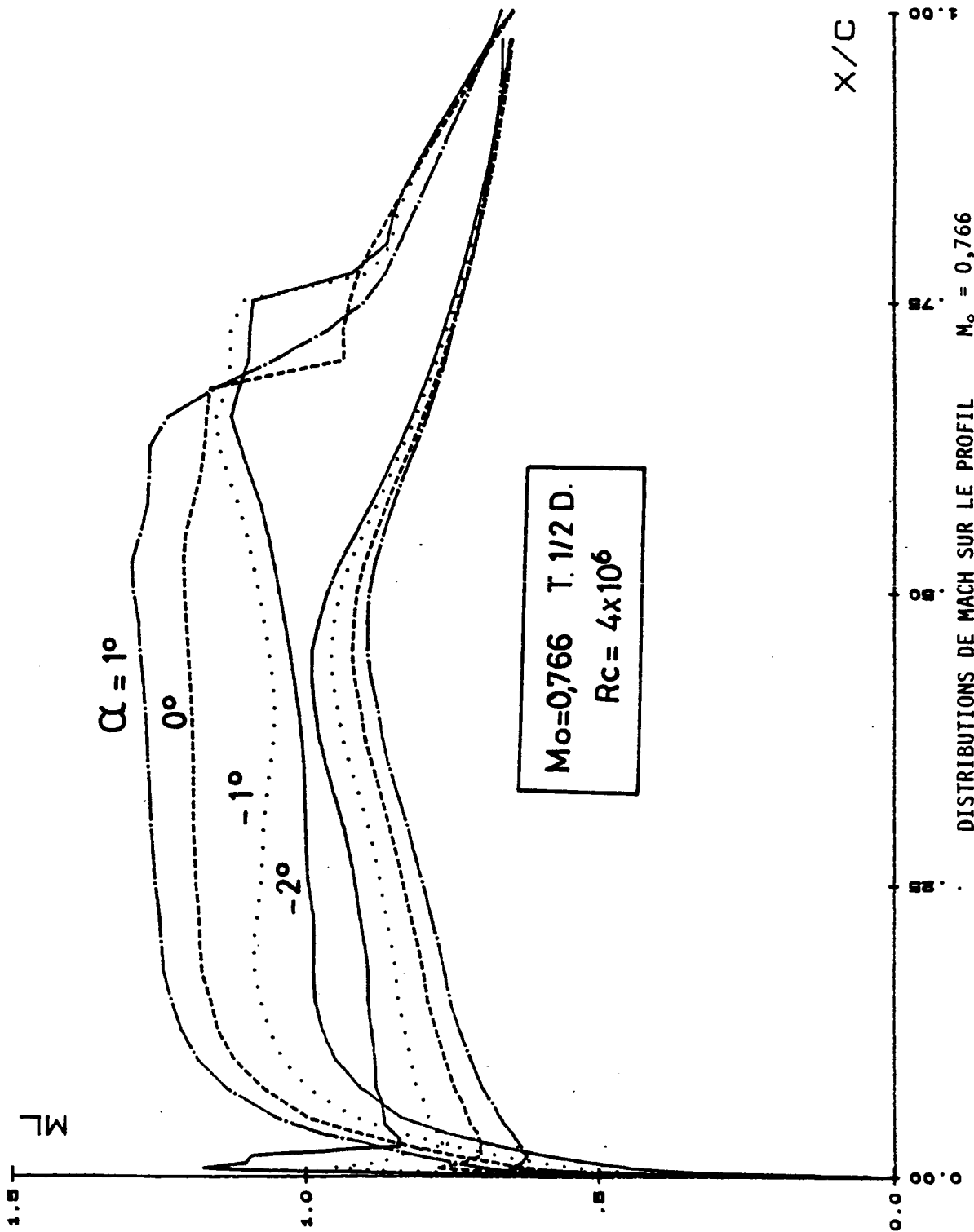
SONDAGES DES SILLAGES $M_0 = 0,7$

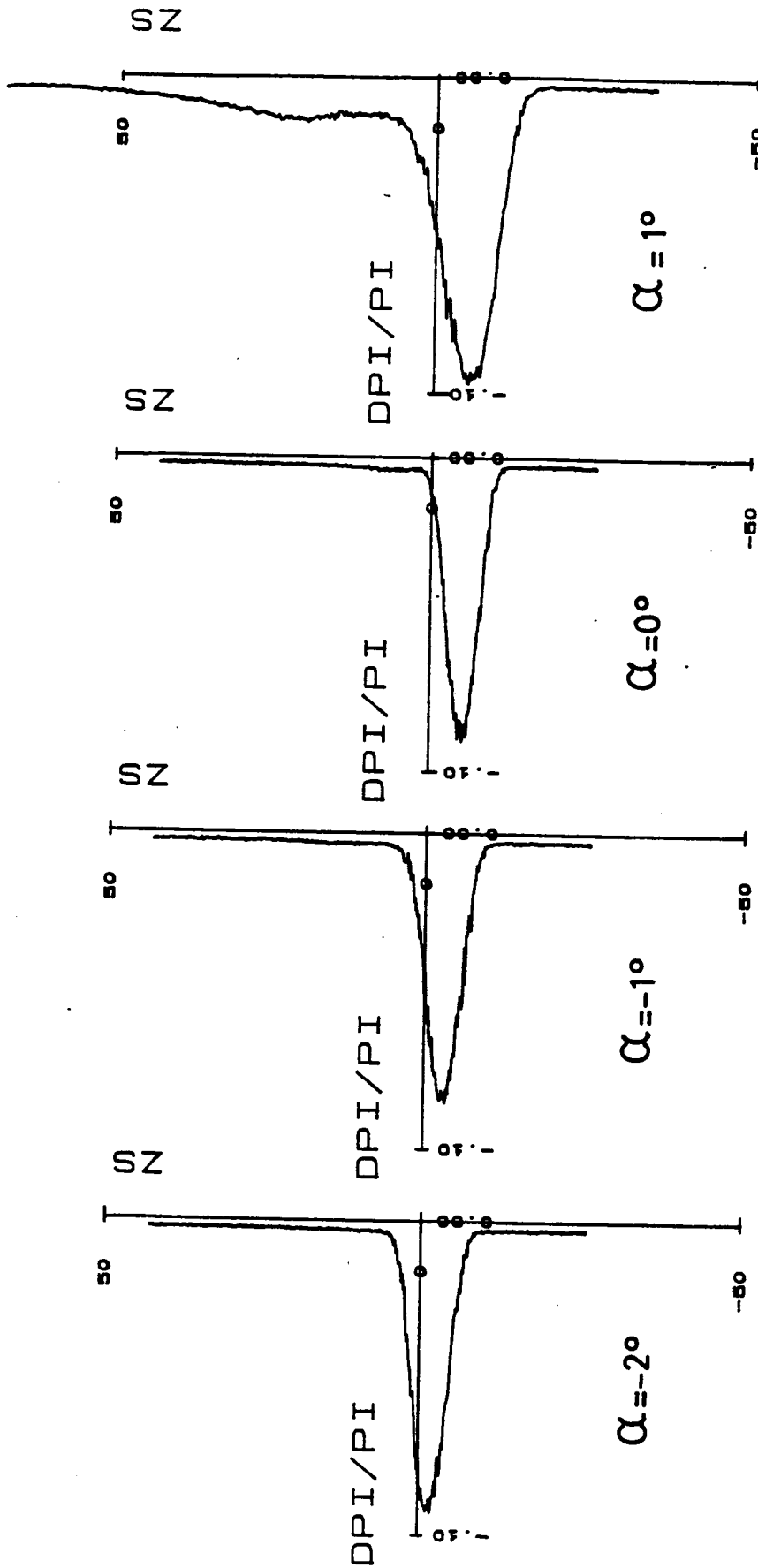




$M_o = 0,73$ $R_c = 4 \times 10^6$ $T. 1/2 D.$

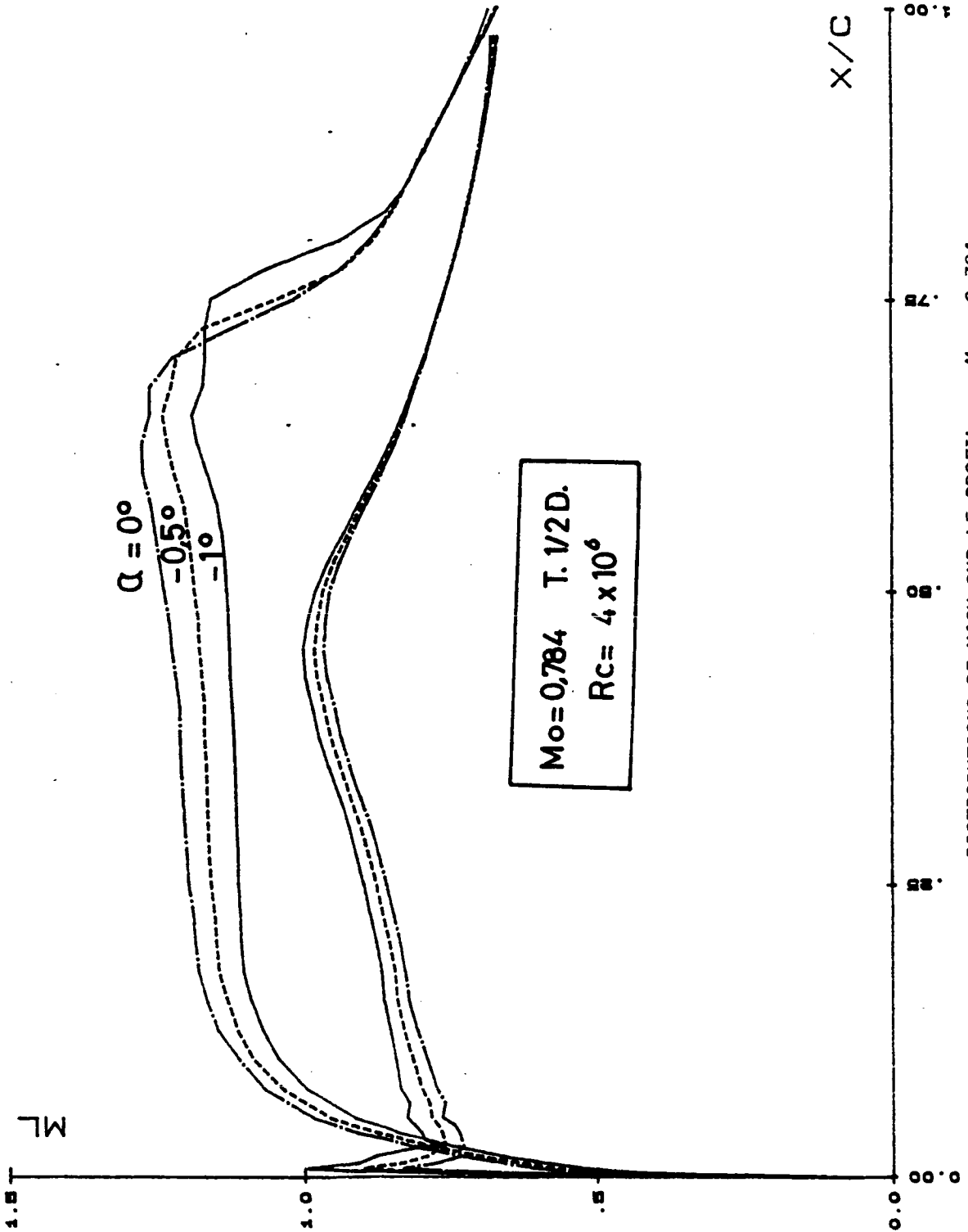
SONDAGES DES SILLAGES $M_o = 0,73$



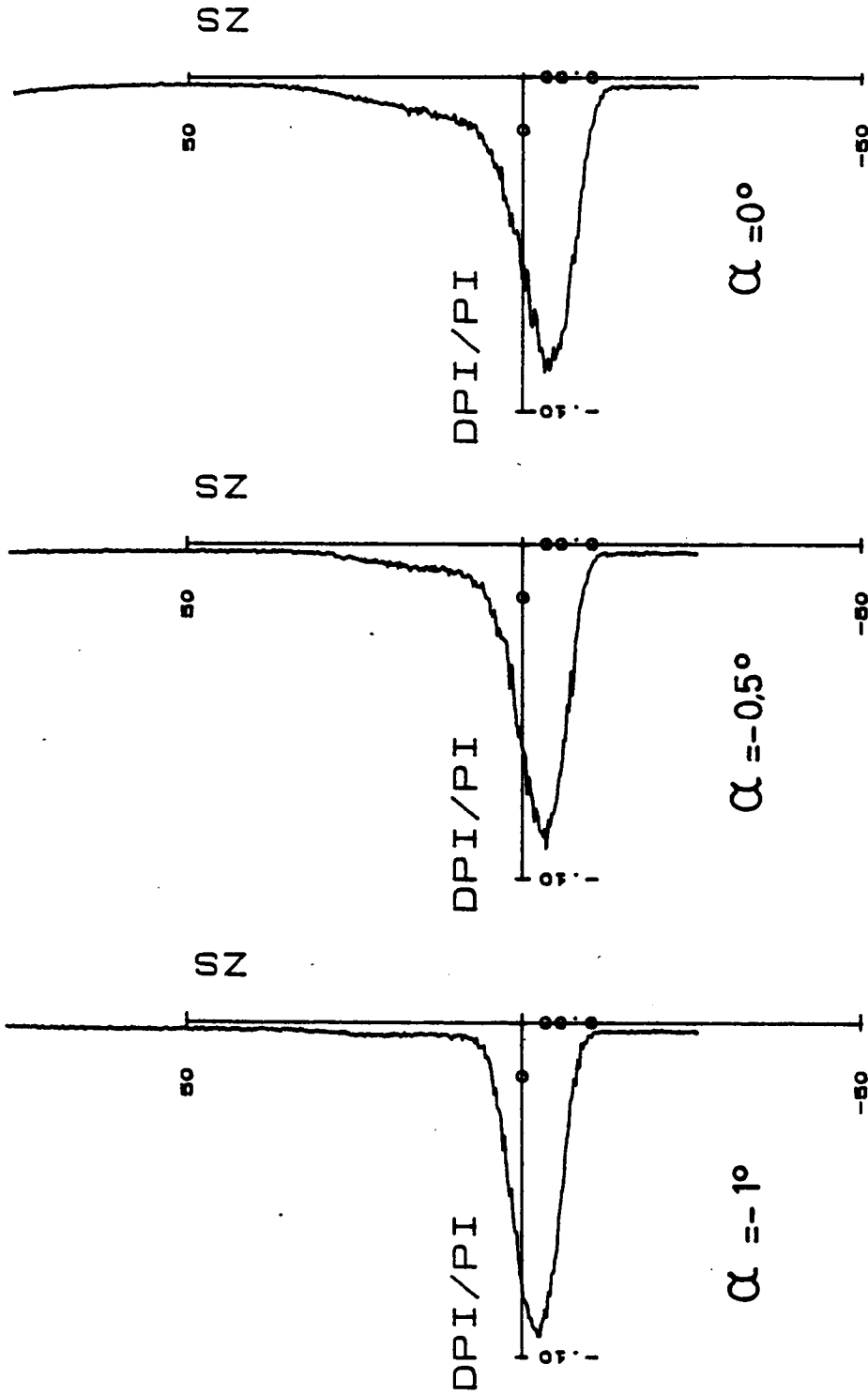


$M_o = 0,766$ $R_c = 4 \times 10^6$ $T. 1/2 D.$

SONDAGES DES SILLAGES $M_o = 0,766$



DISTRIBUTIONS DE MACH SUR LE PROFIL $M_o = 0.784$



$M_0 = 0,784$ $Rc = 4 \times 10^6$ $T. 1/2 D.$

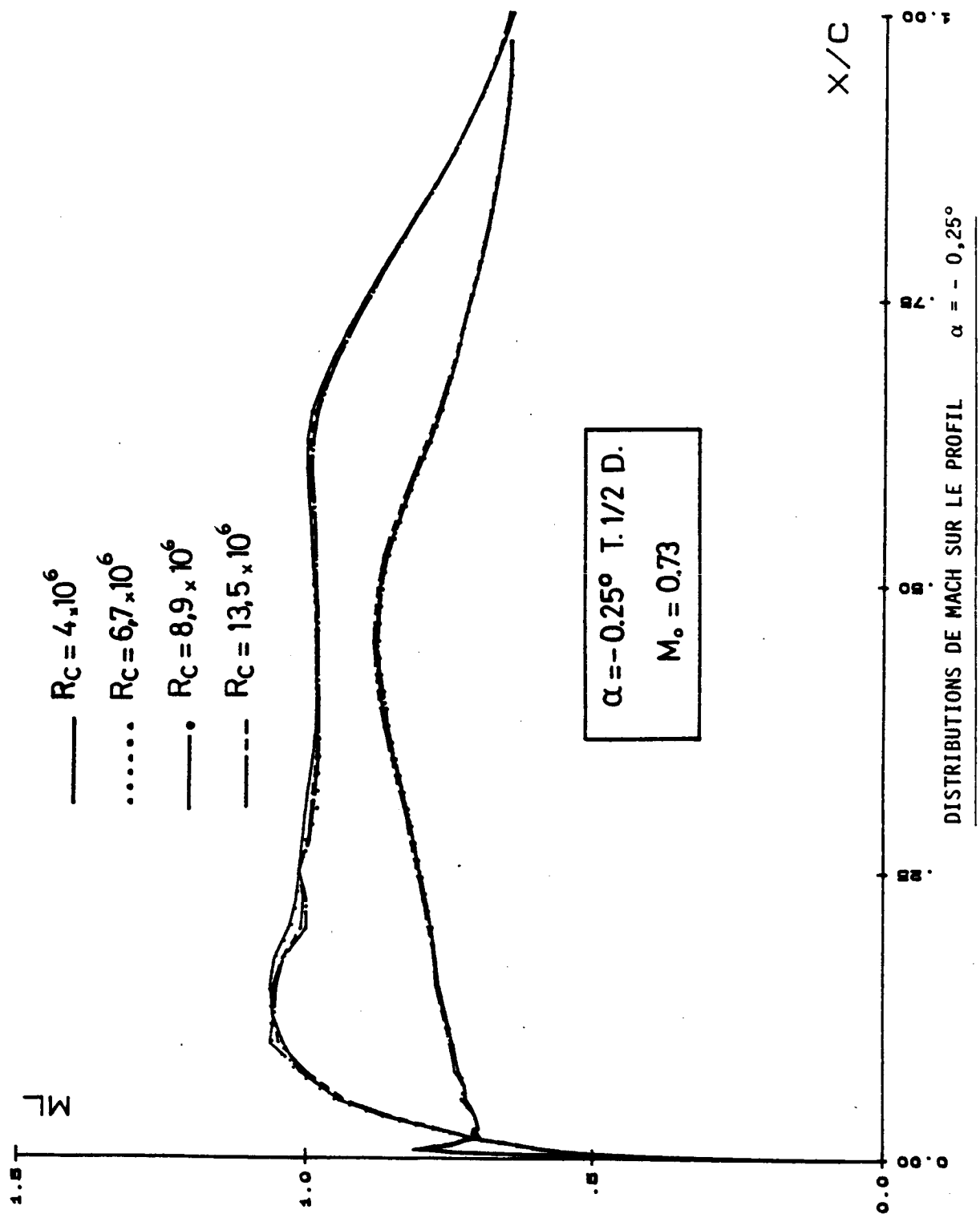
SONDAGES DES SILLAGES $M_0 = 0,784$

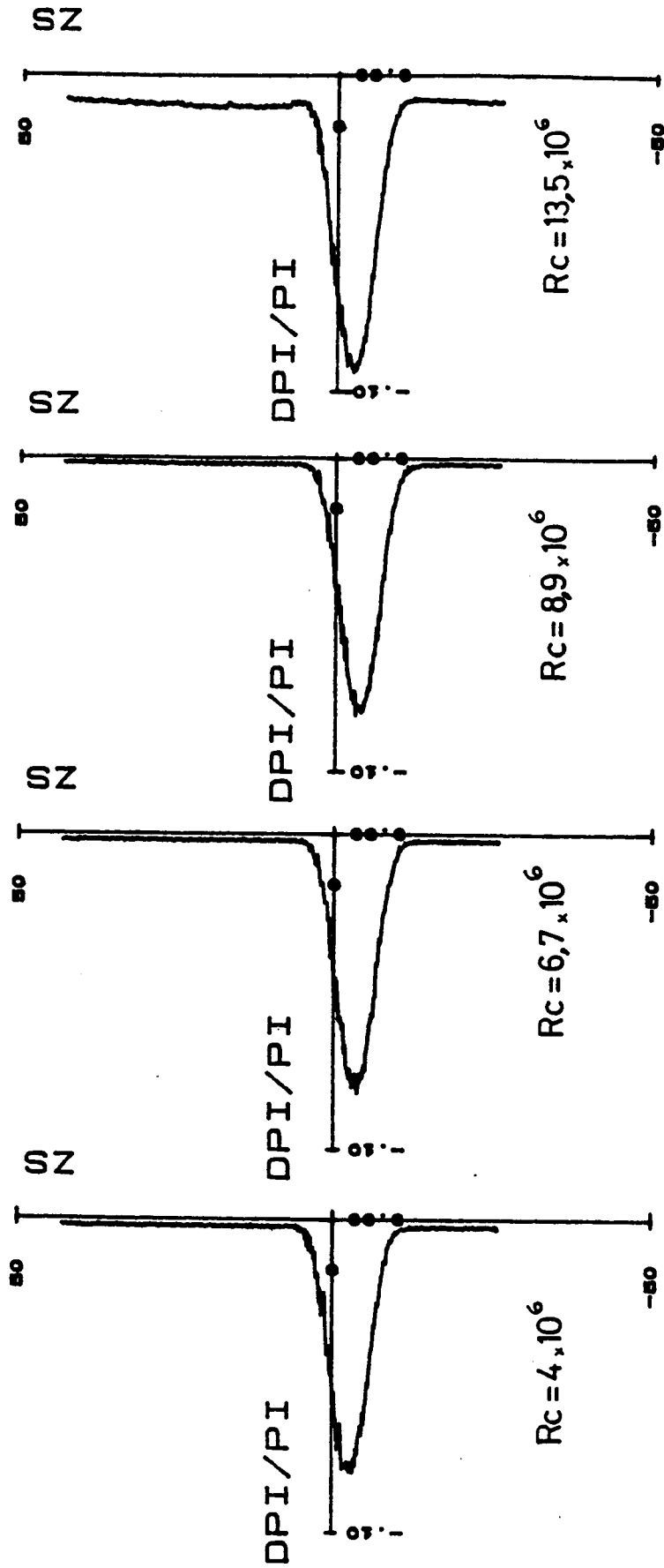
T. 1/2 D.

VARIATION DU NOMBRE DE REYNOLDS

$M_o = 0,73$ et $\alpha = - 0,25^\circ$ PL. 37 et 38

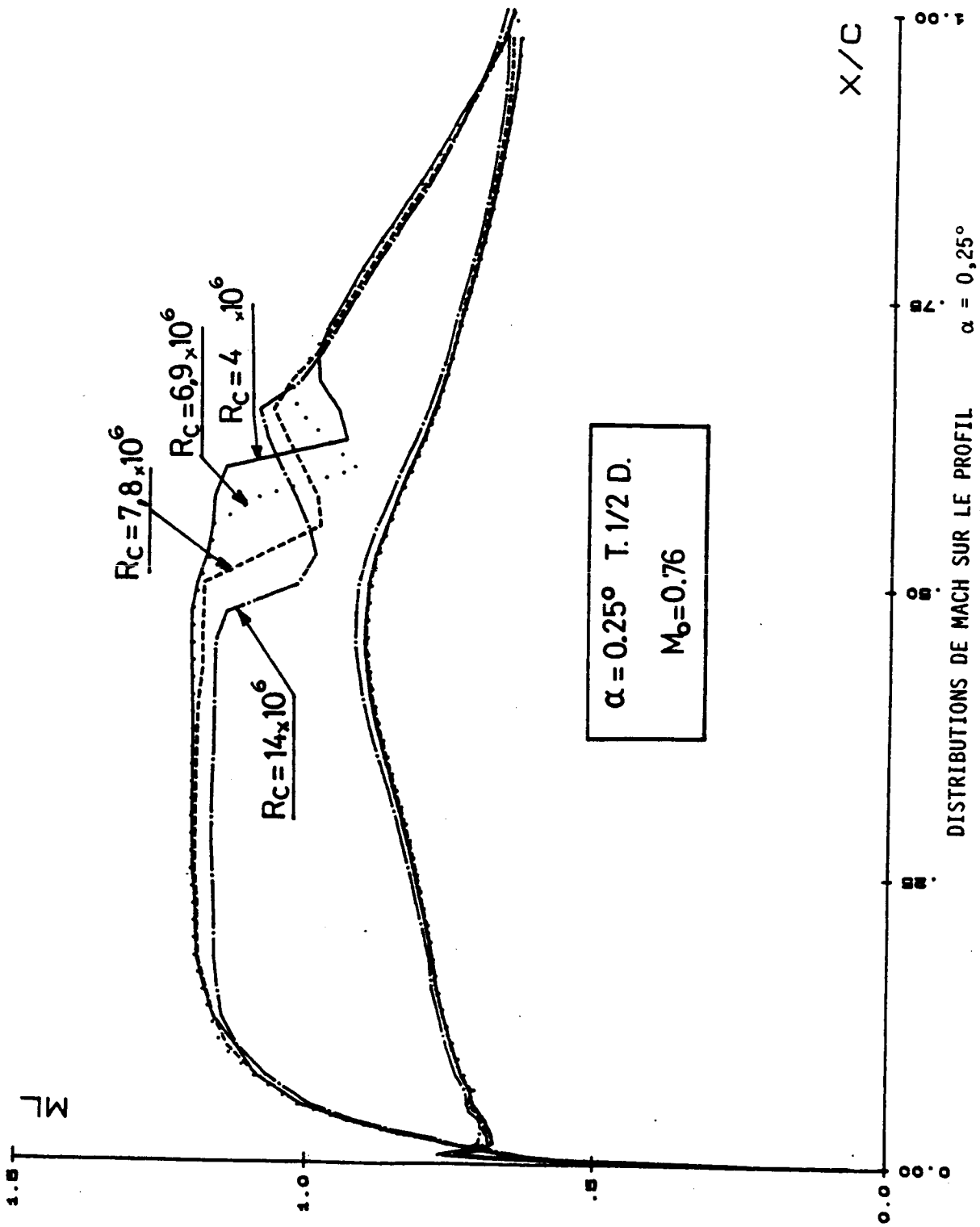
$M_o = 0,76$ et $\alpha = + 0,25^\circ$ PL. 39 et 40

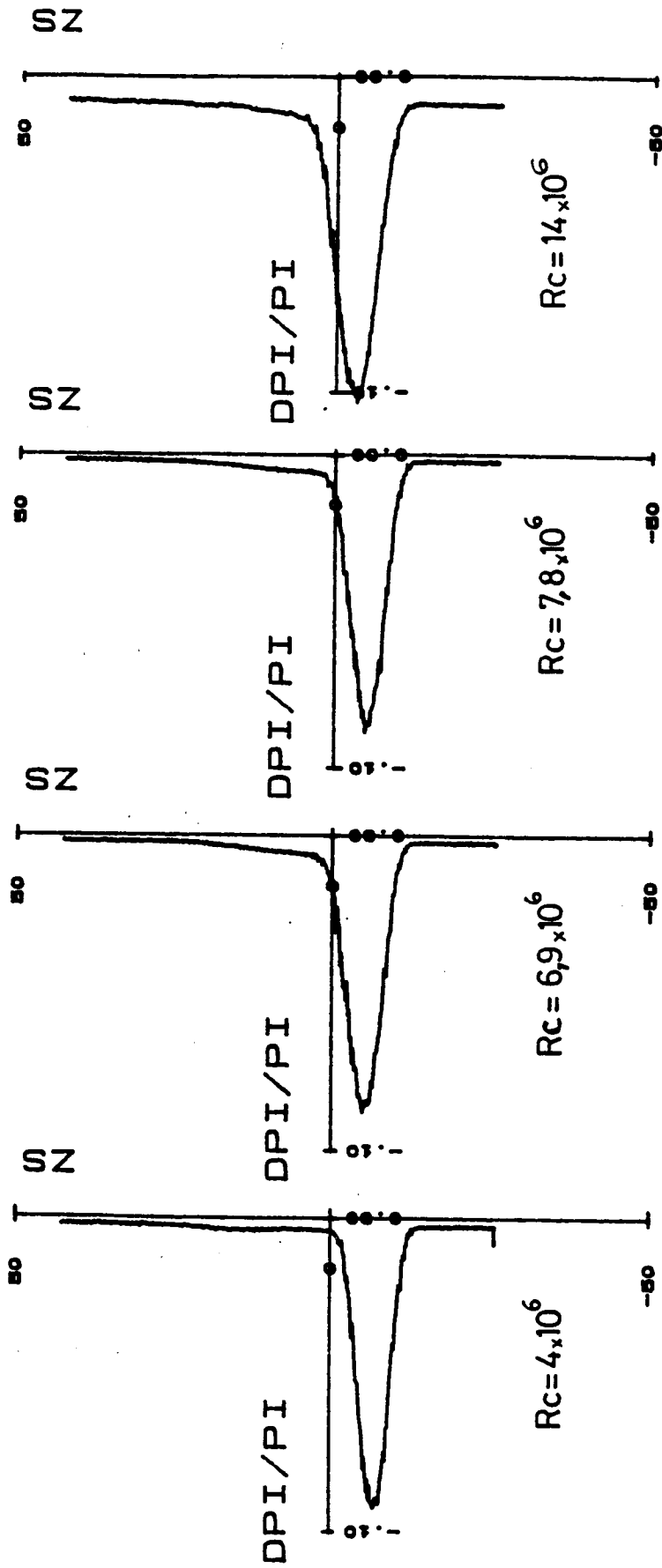




$\alpha = -0,25^\circ$ $M_0 = 0,73$ $T. 1/2 D.$

SONDAGES DES SILLAGES $M_0 = 0,73$





$\alpha = 0.25^\circ$ $M = 0.76$ $T. 1/2 D.$

SONDAGES DES SILLAGES $M = 0.76$

T. 1/2 D.

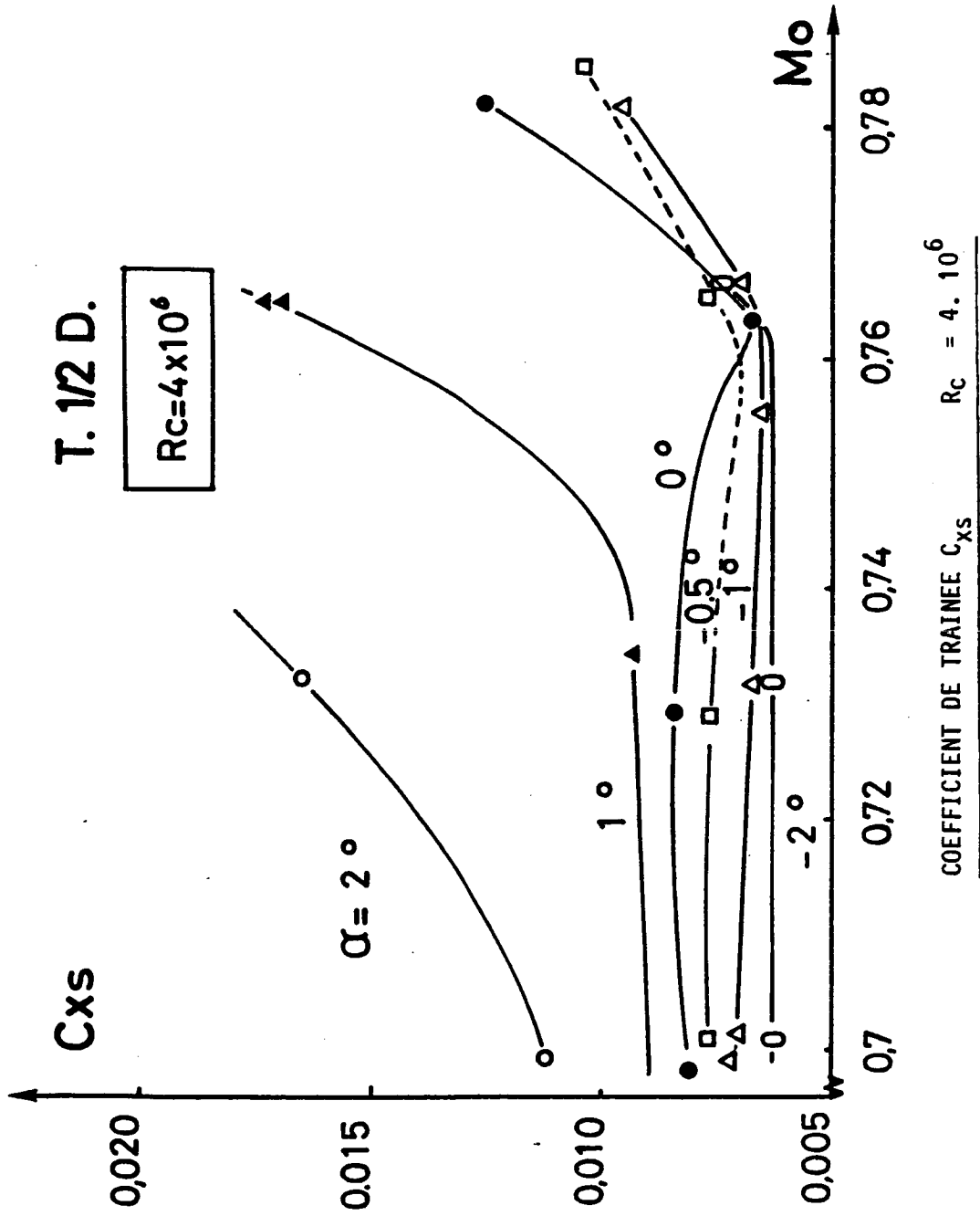
COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

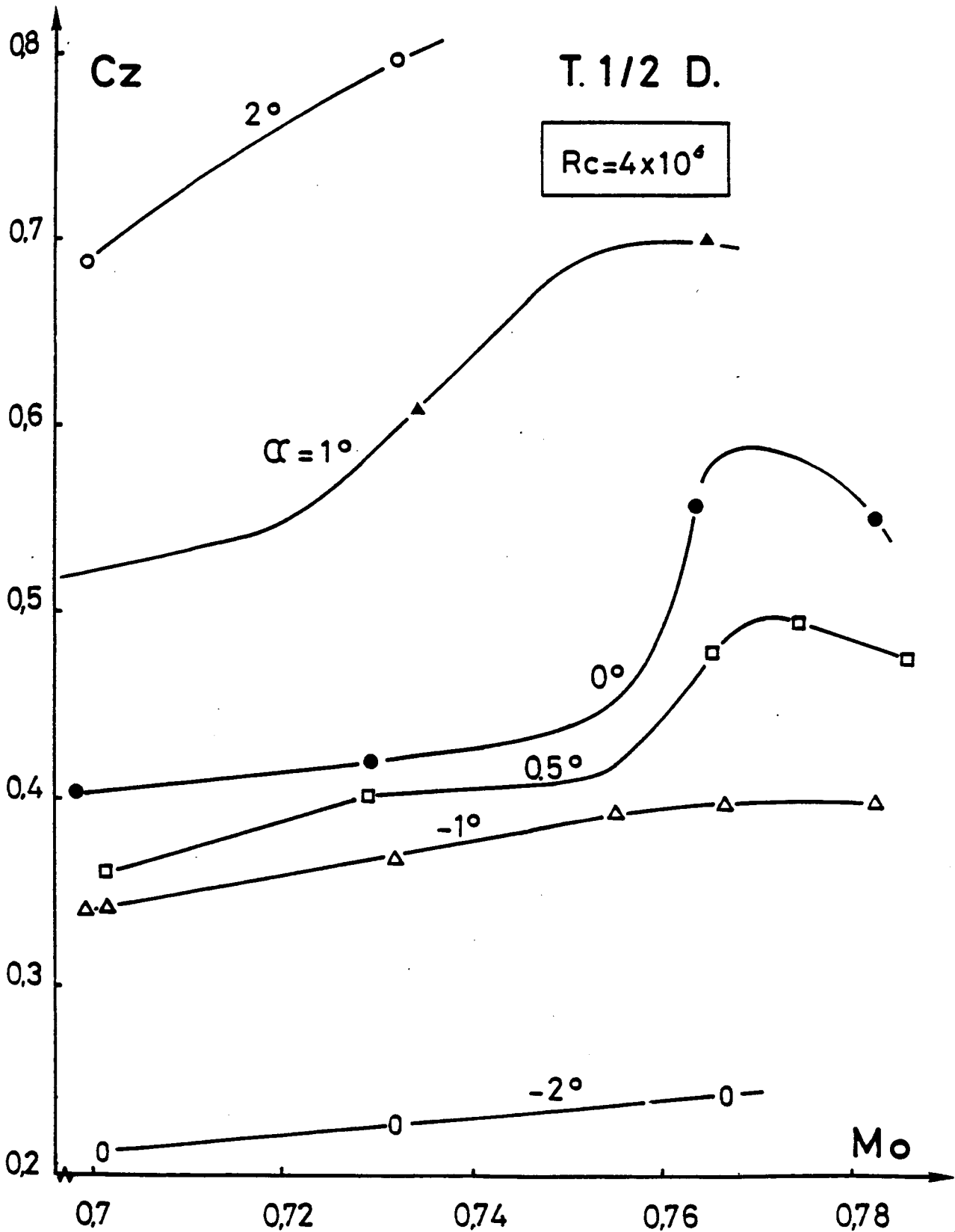
$$R_C = 4 \cdot 10^6$$

C_{xS} (M_0) PL. 41

C_z (M_0) PL. 42

C_m (M_0) PL. 43

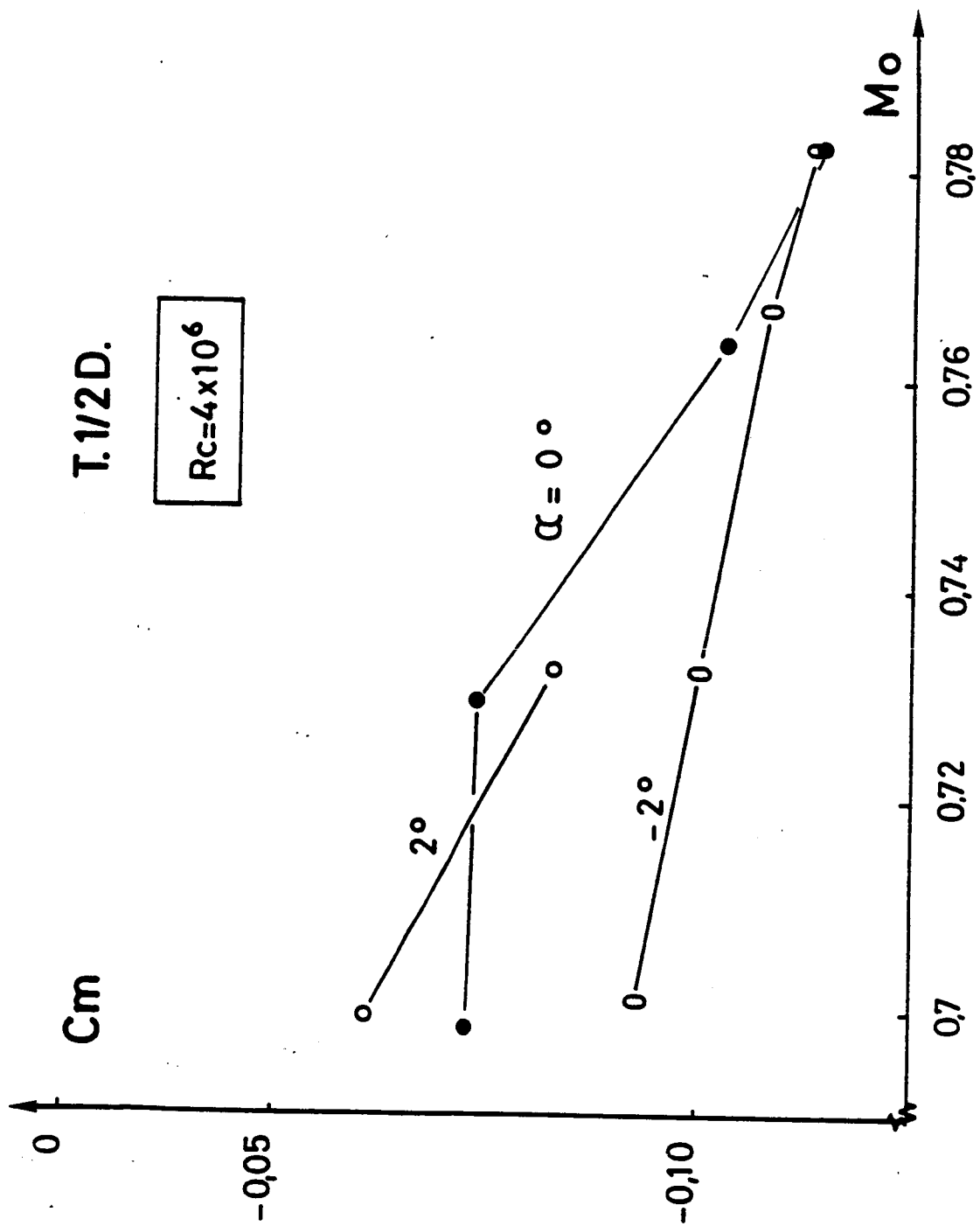




COEFFICIENT DE PORTANCE C_z $R_c = 4 \cdot 10^6$

T.1/2D.

$R_c = 4 \times 10^6$



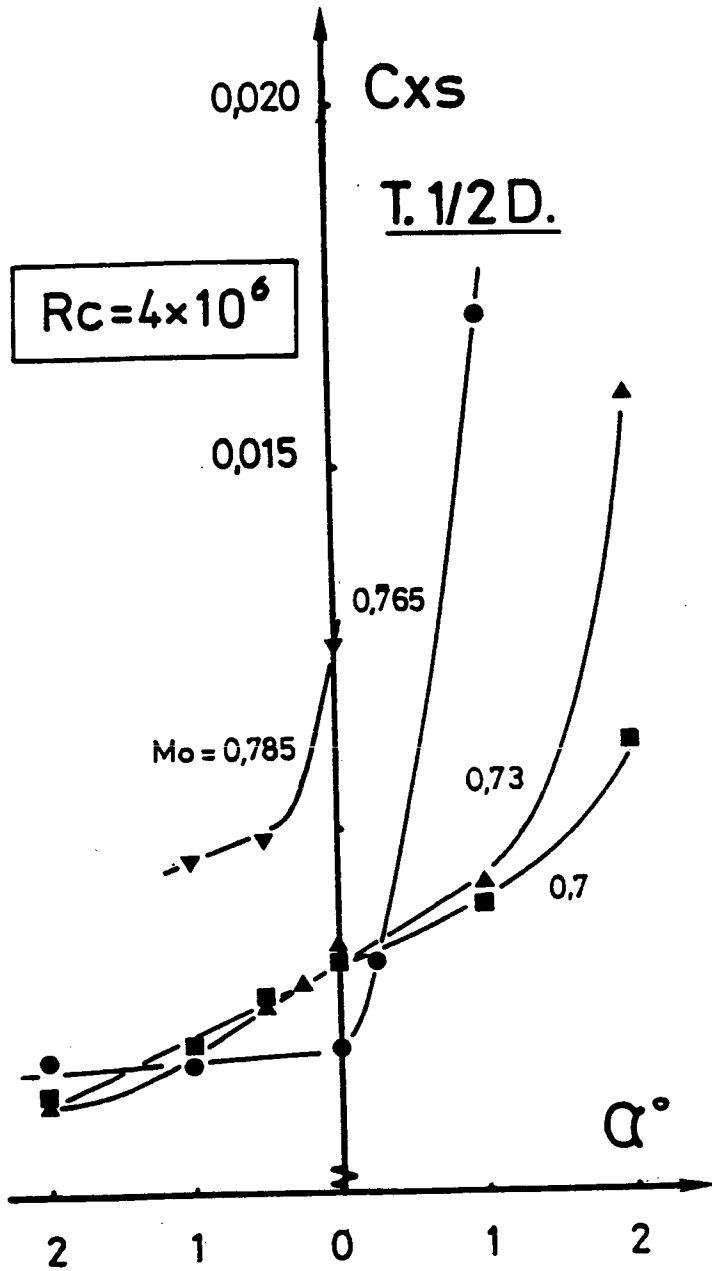
COEFFICIENT DE MOMENT DE TANGAGE C_m $R_c = 4 \times 10^6$

T. 1/2 D.

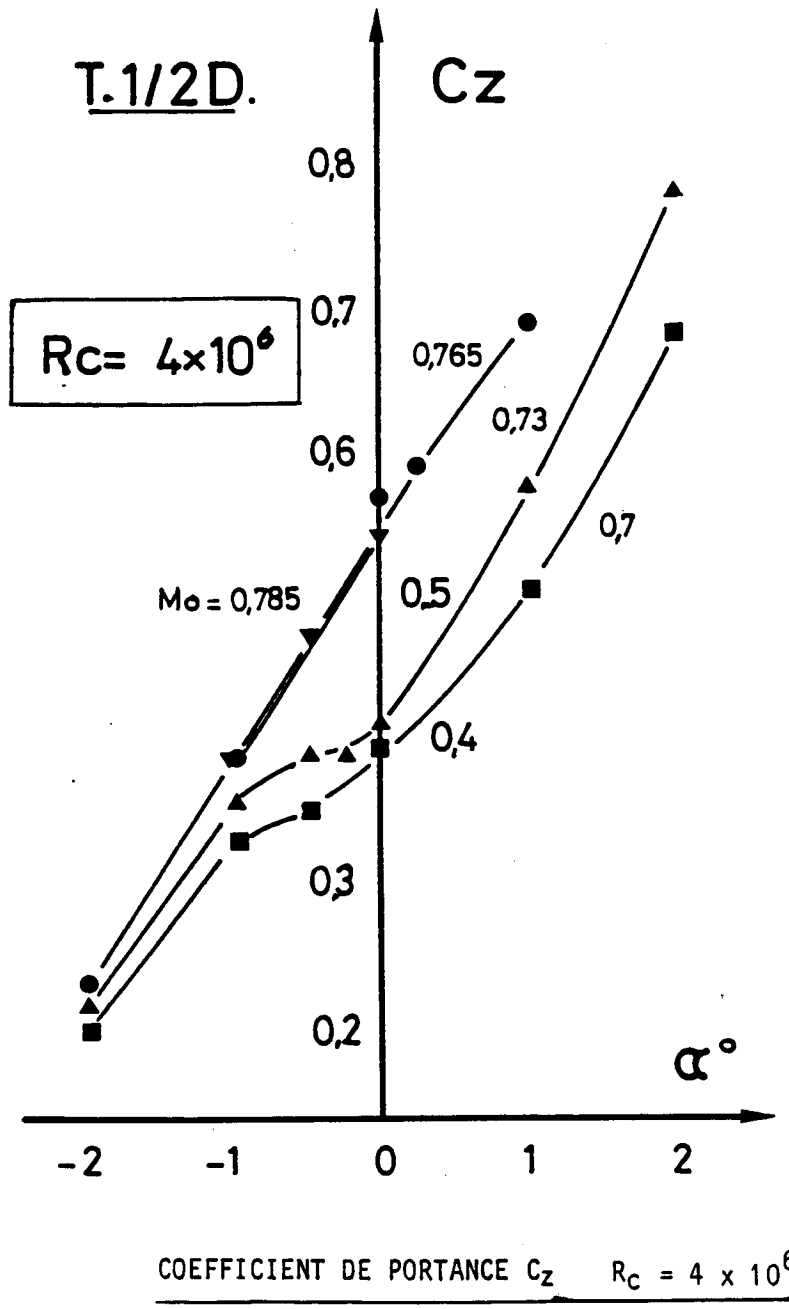
COEFFICIENTS AERODYNAMIQUE EN FONCTION DE L'INCIDENCE

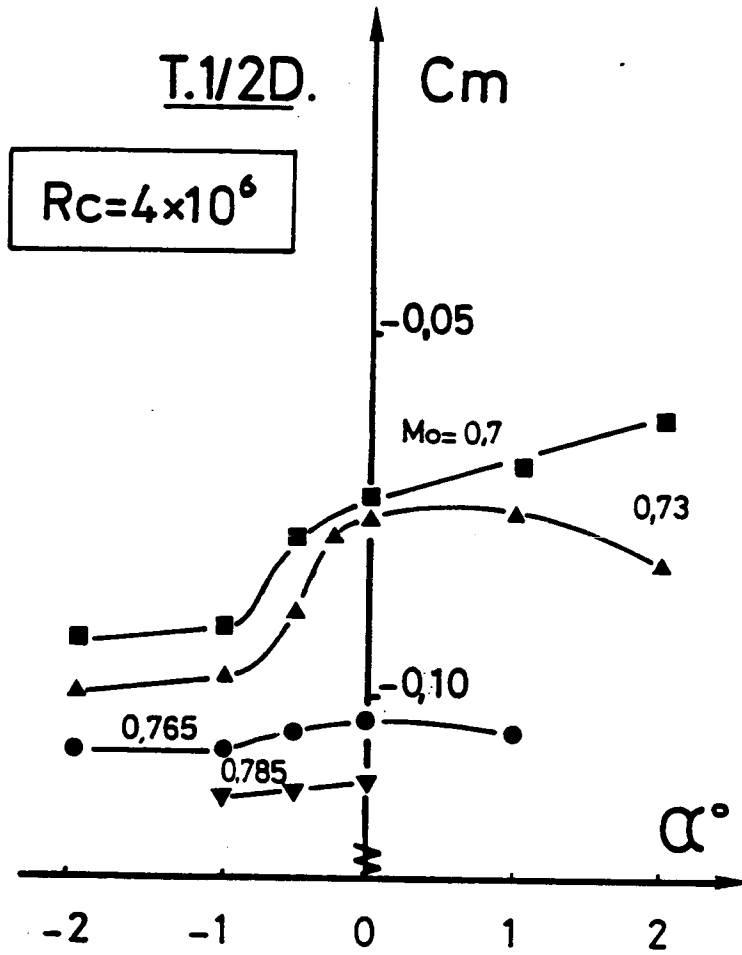
$$R_c = 4. 10^6$$

C_{xs}	(α)	PL. 44
C_z	(α)	PL. 45
C_m	(α)	PL. 46
Polaire C_z	(C_x)	PL. 47

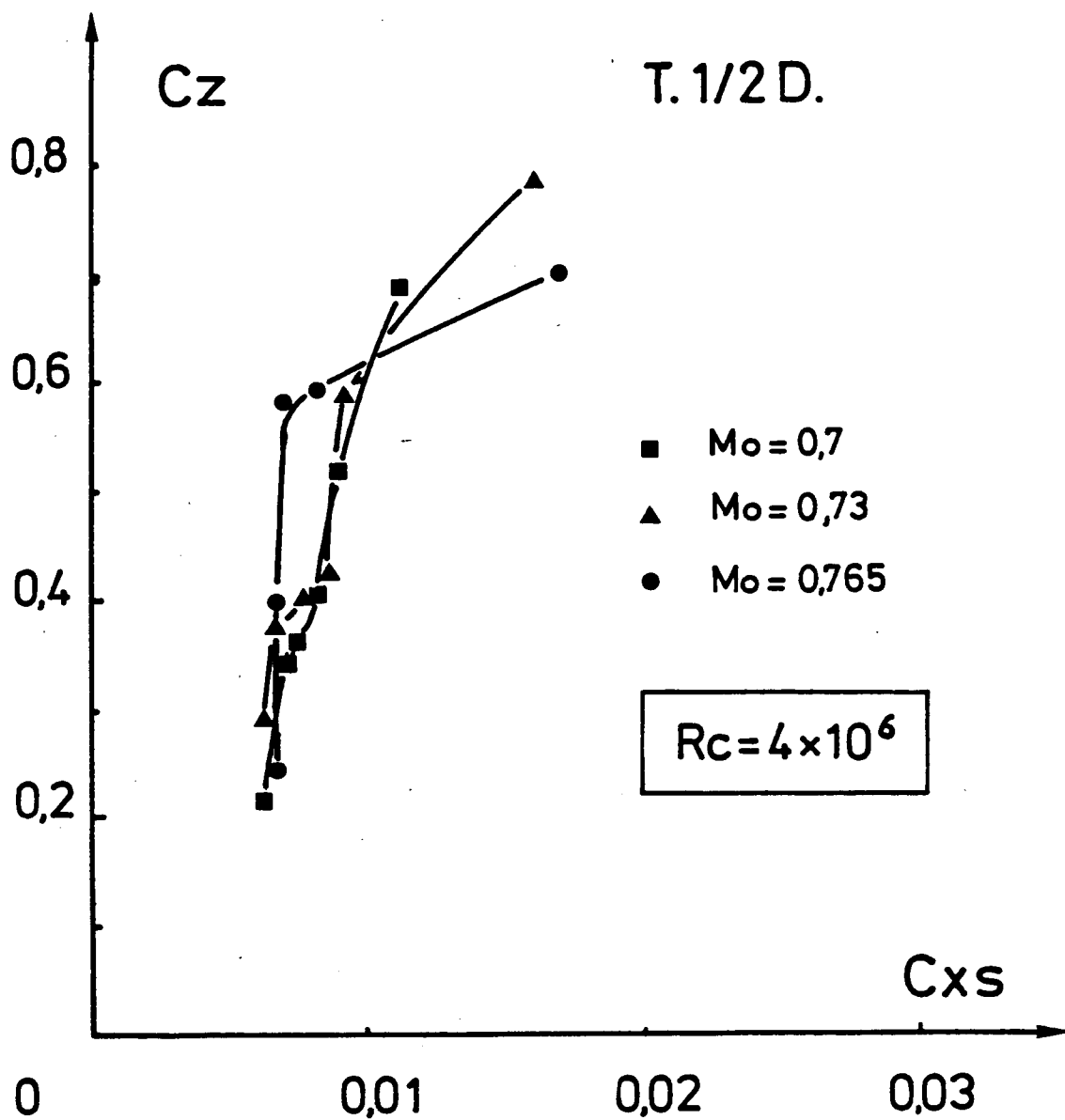


COEFFICIENT DE TRAINEE C_{xs} $R_c = 4 \times 10^6$





COEFFICIENT DE MOMENT DE TANGAGE C_m $R_c = 4 \times 10^6$

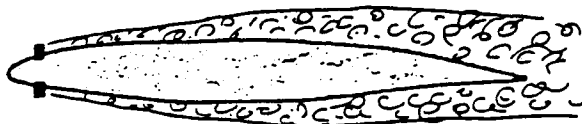


POLAIRE C_z (C_x) $R_c = 4 \times 10^6$

Page sans texte

ESSAIS EN TRANSITION DECLENCHEE

T.D.



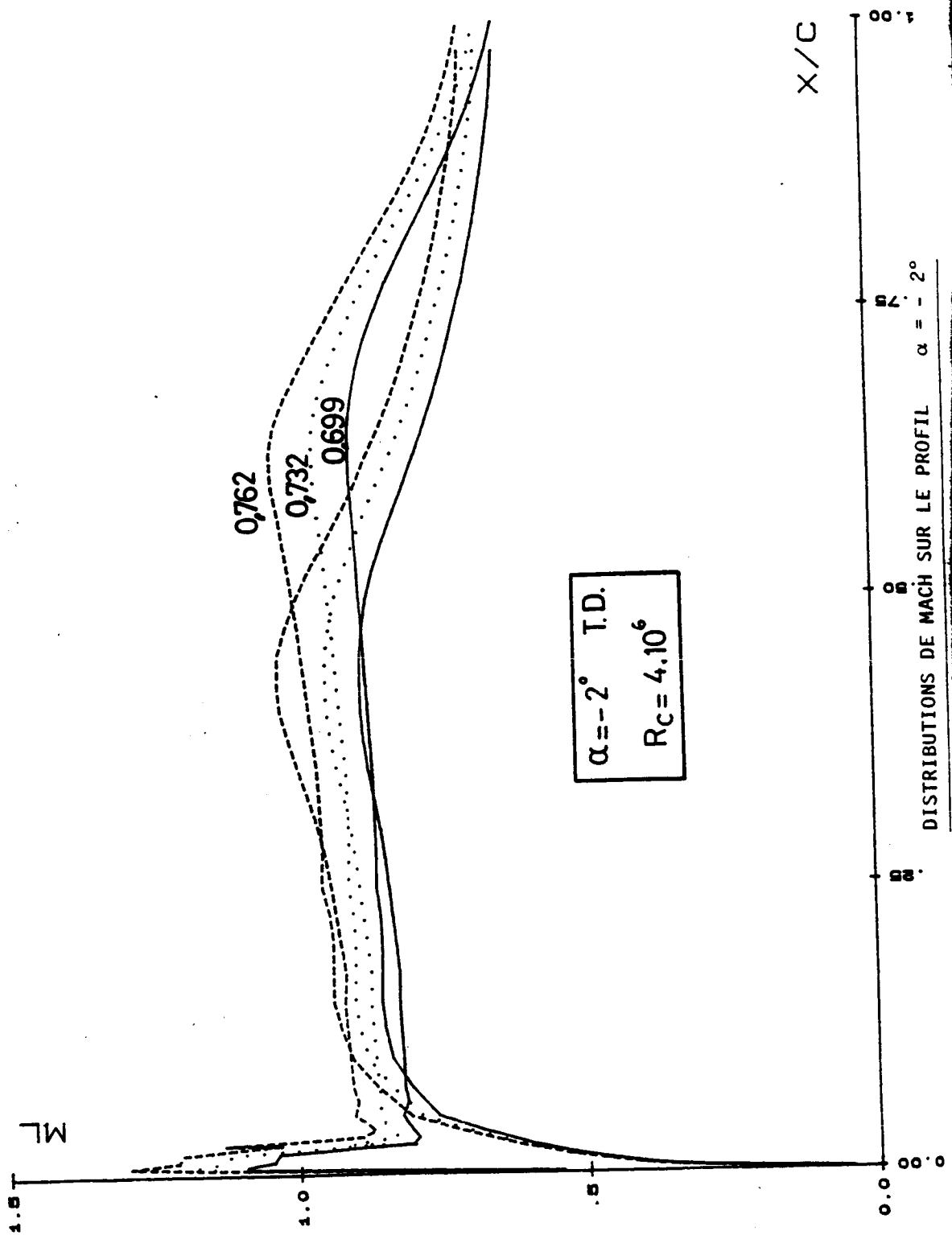
PLANCHES 48 à 92

T.D.

VARIATION DU NOMBRE DE MACH

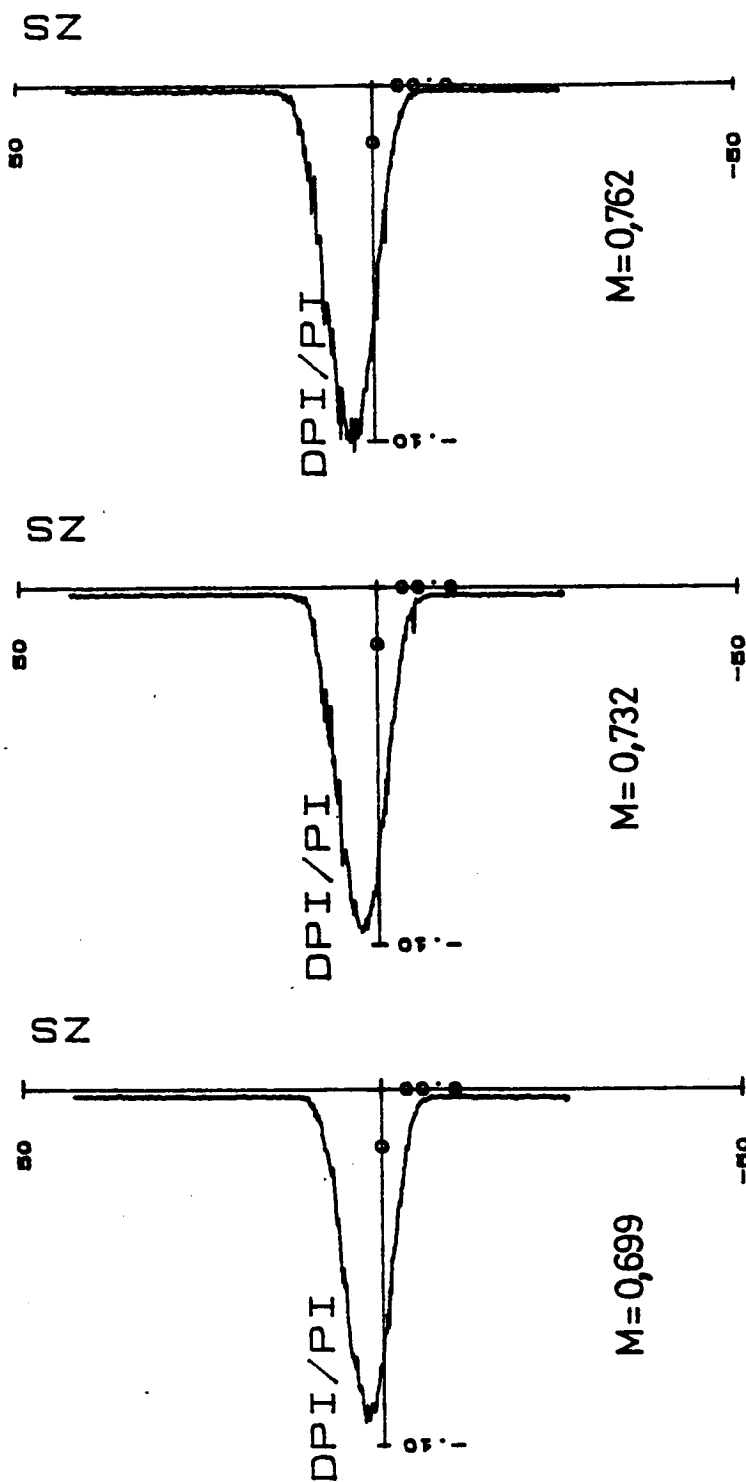
$$R_c = 4 \cdot 10^6$$

$\alpha = - 2^\circ$	PL. 48 et 49
$\alpha = - 1^\circ$	PL. 50 et 51
$\alpha = 0^\circ$	PL. 52 et 53
$\alpha = + 0,25^\circ$	PL. 54 et 55
$\alpha = + 1^\circ$	PL. 56 et 57
$\alpha = + 2^\circ$	PL. 58 et 59
$\alpha = + 3^\circ$	PL. 60 et 61
$\alpha = + 4^\circ$	PL. 62 et 63



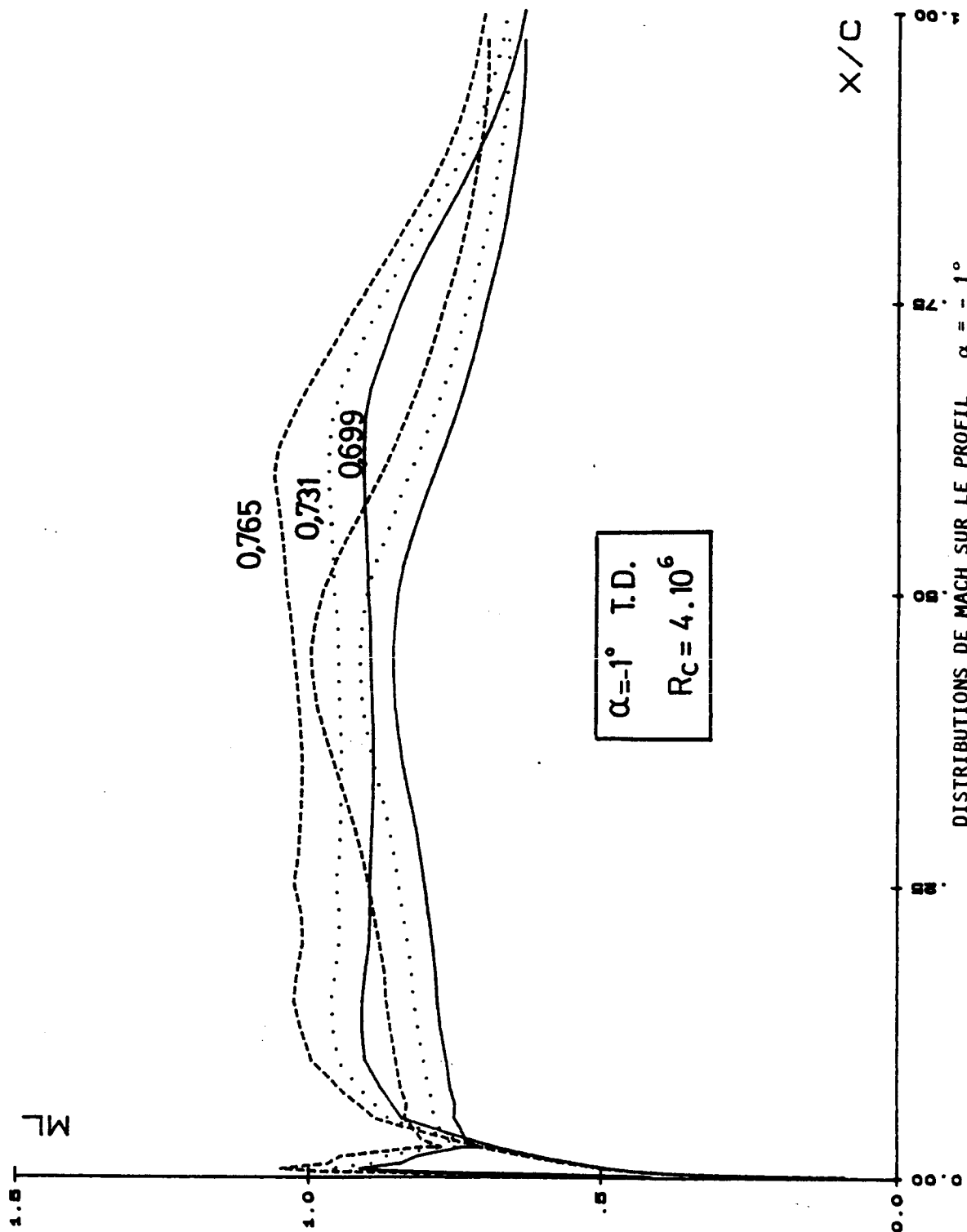
$\alpha = -2^\circ$ T.D.
 $R_c = 4.10^6$

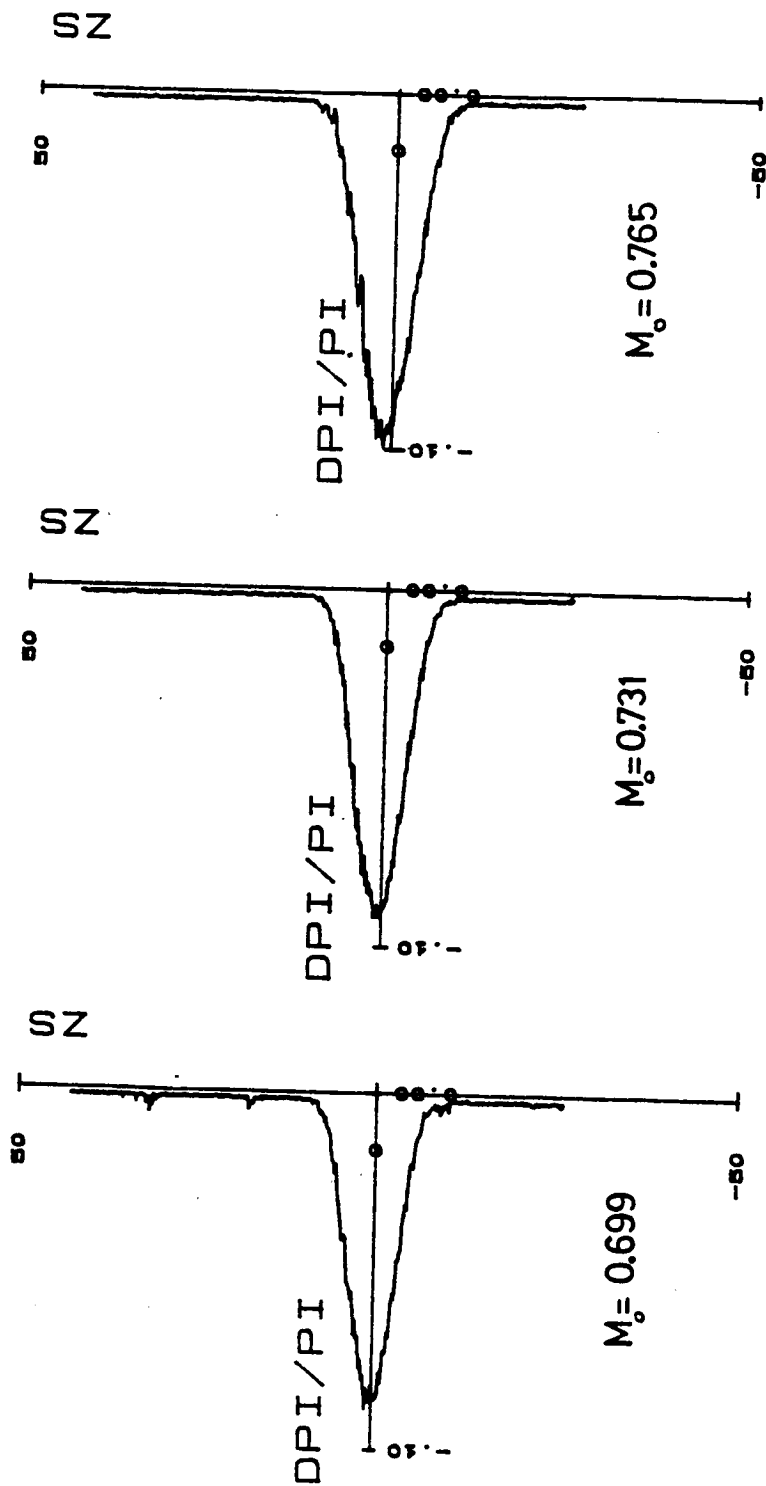
DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = -2^\circ$



$\alpha = -2^\circ$ $R_c = 4 \cdot 10^6$ T.D.

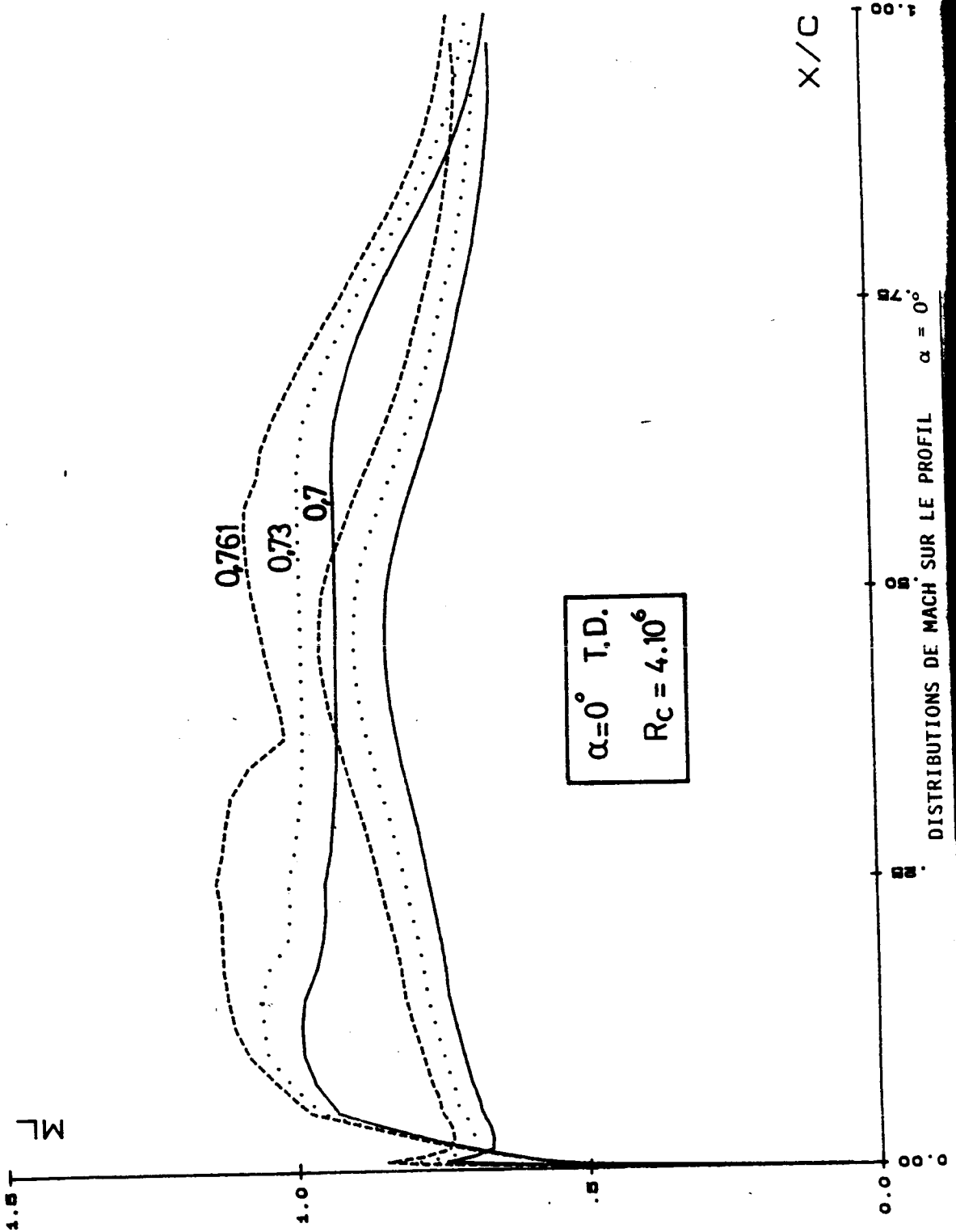
SONDAGES DES SILLAGES $\alpha = -2^\circ$

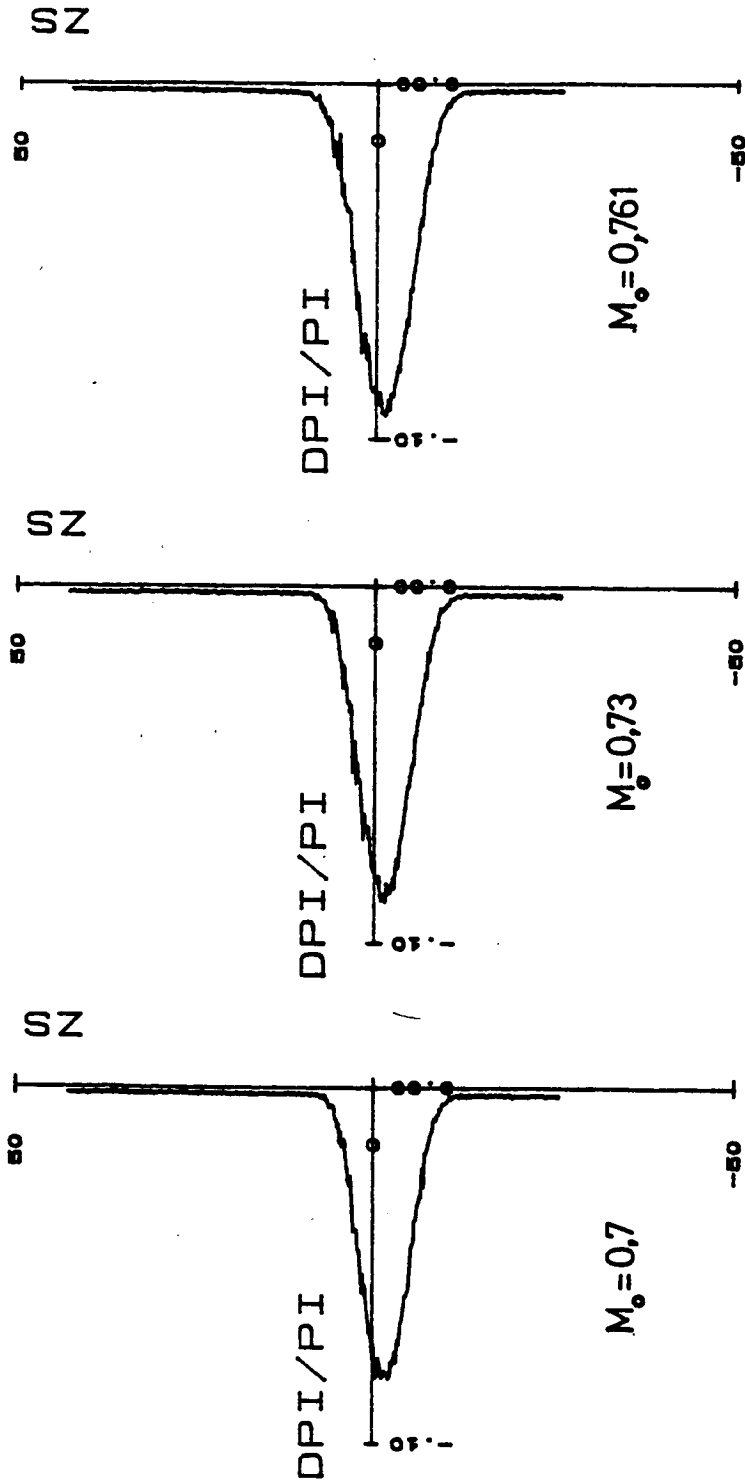




$\alpha = -1^\circ$ $R_c = 4 \cdot 10^6$ T.D.

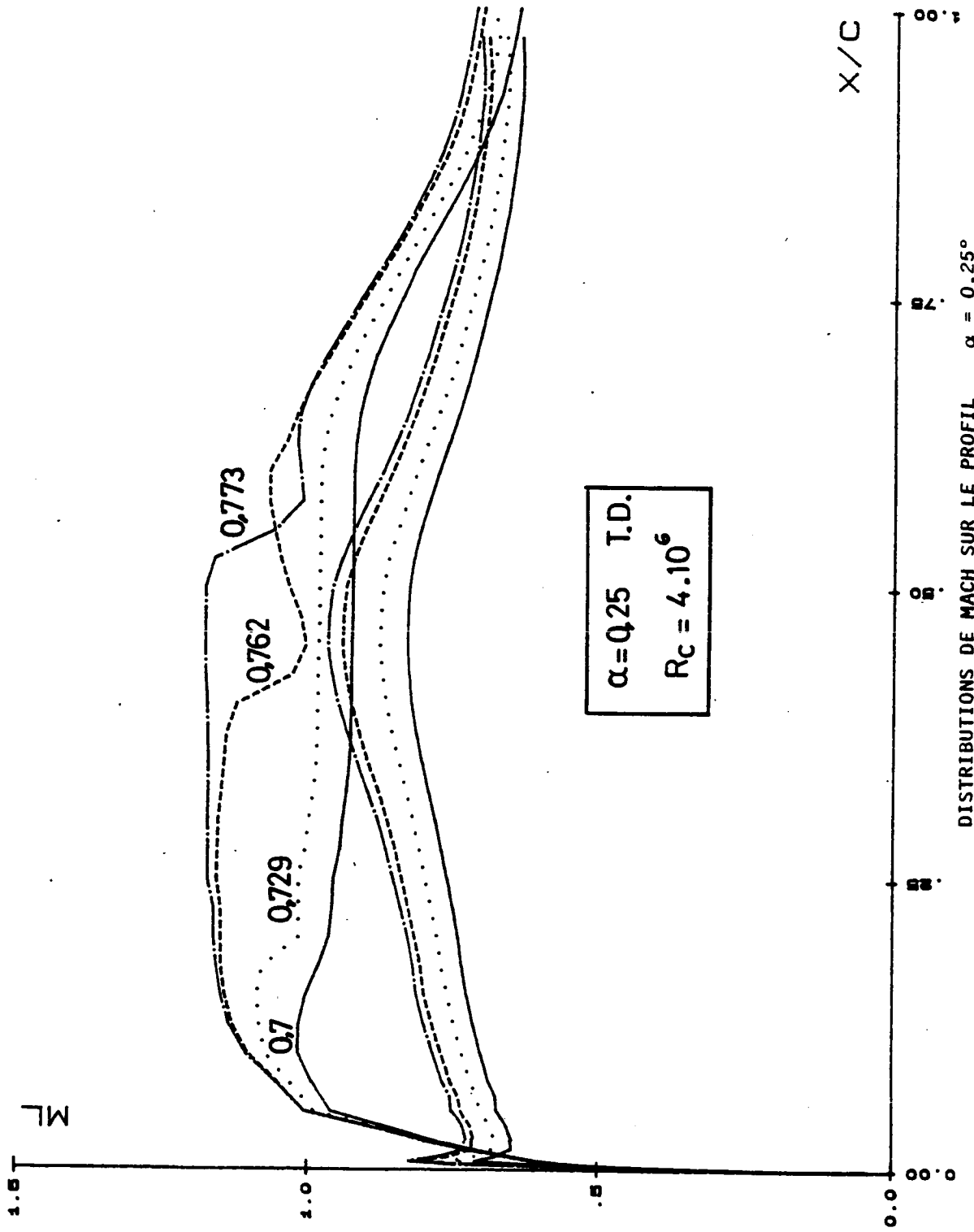
SONDAGES DES SILLAGES $\alpha = -1^\circ$



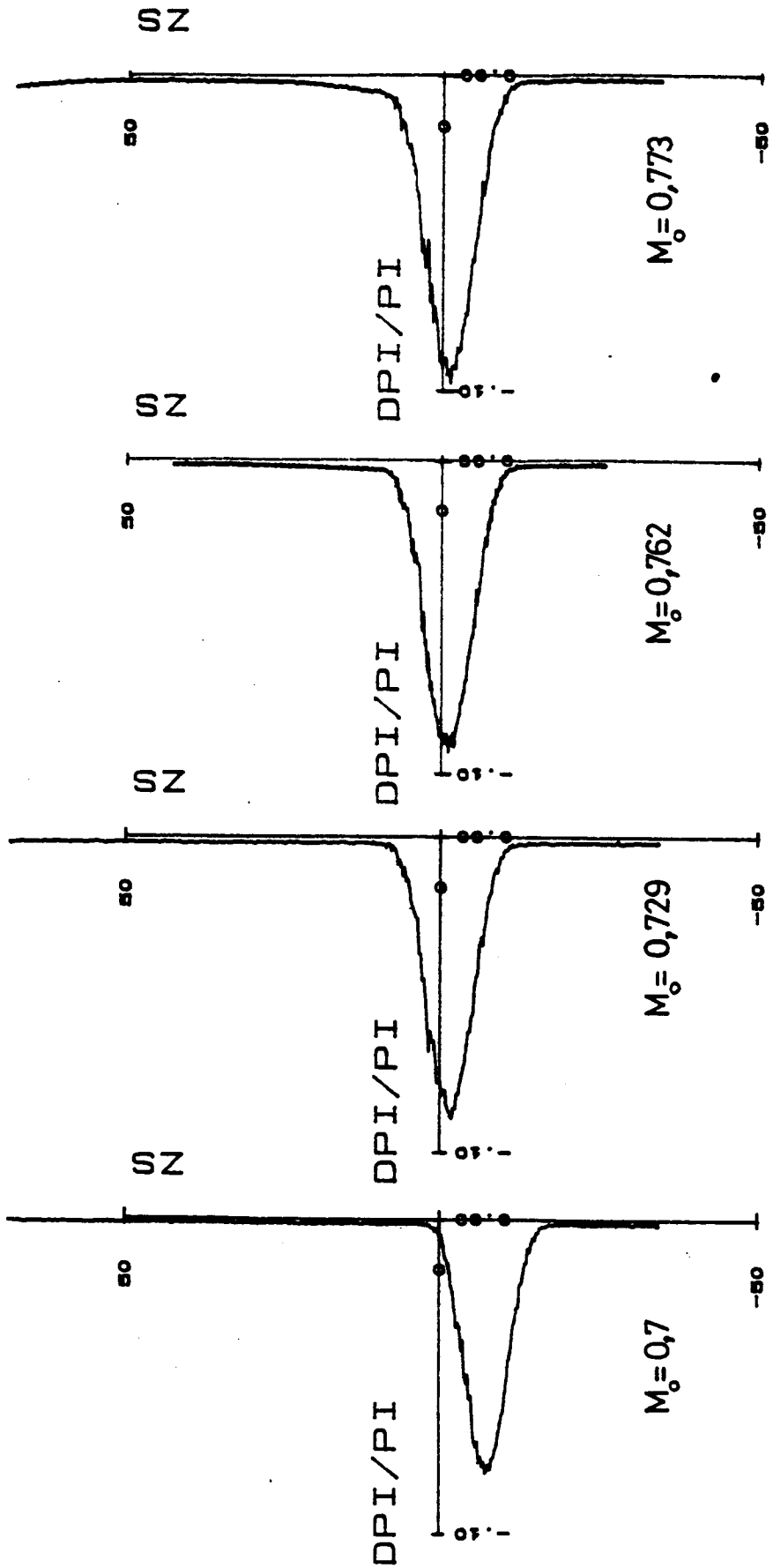


$\alpha = 0^\circ$ $Rc = 4 \cdot 10^6$ T.D.

SONDAGES DES SILLAGES $\alpha = 0^\circ$

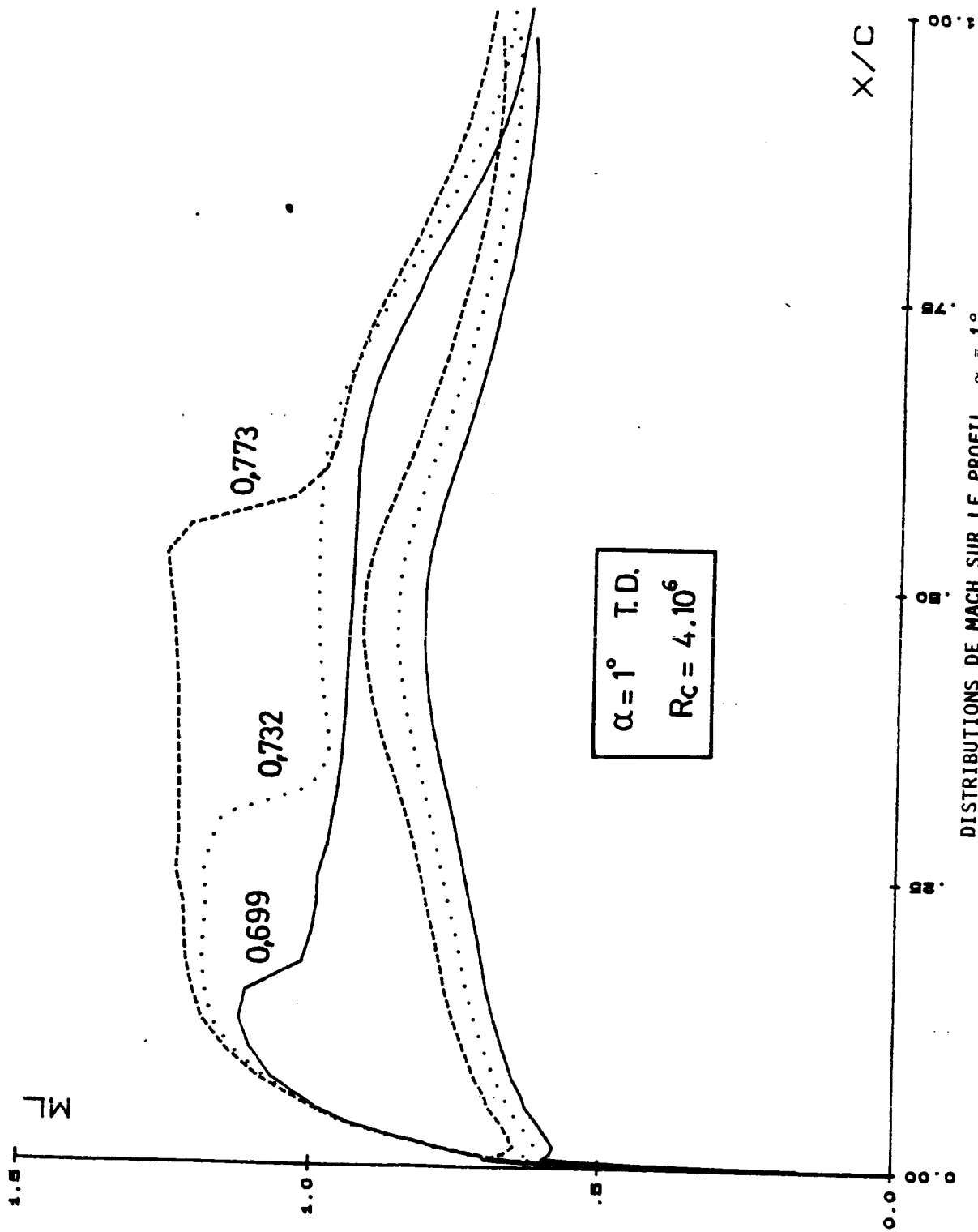


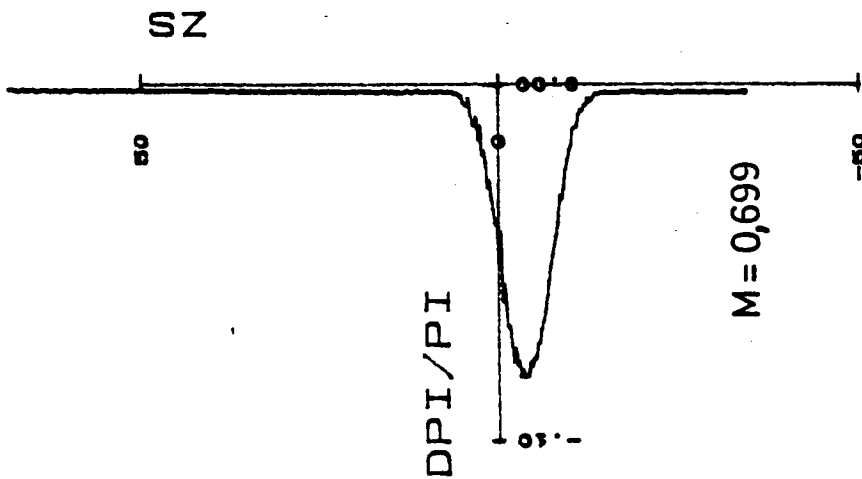
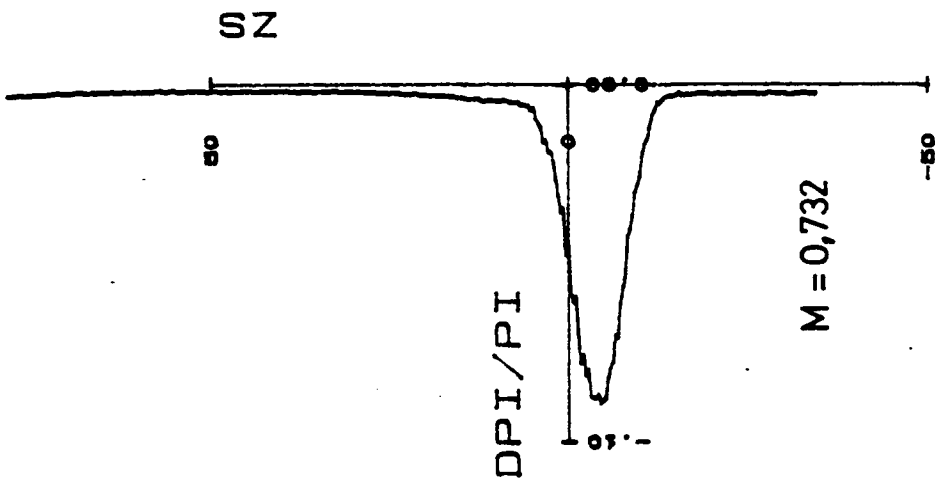
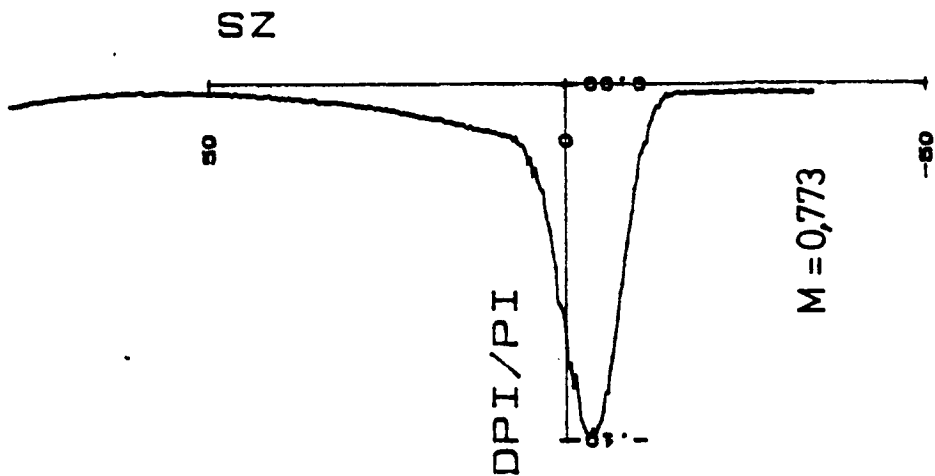
DISTRIBUTIONS DE MACH SUR LE PROFIL $\alpha = 0.25^\circ$



$\alpha = 0,25^\circ$ $R_c = 4 \cdot 10^6$ T.D.

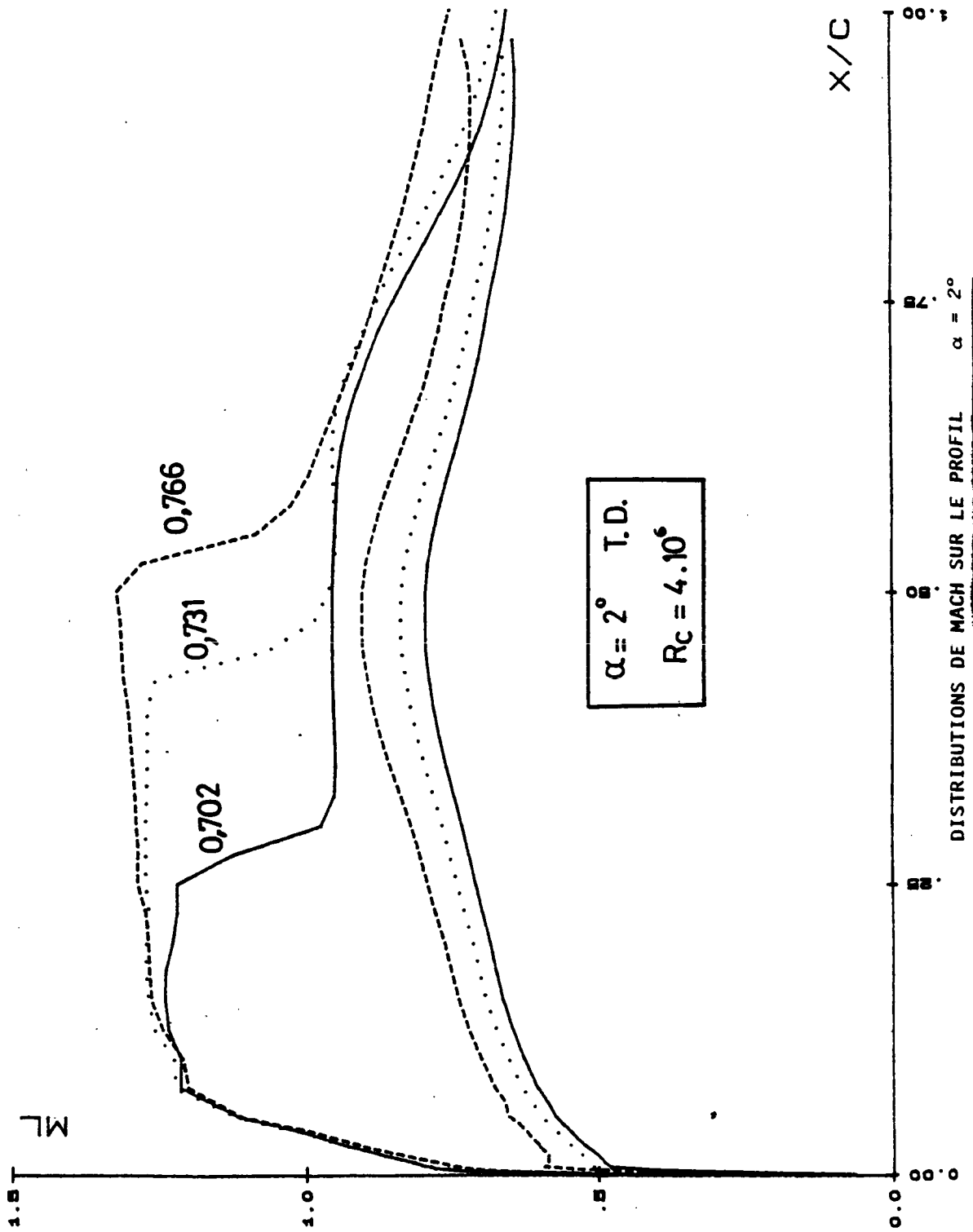
SONDAGES DES SILLAGES $\alpha = 0,25^\circ$

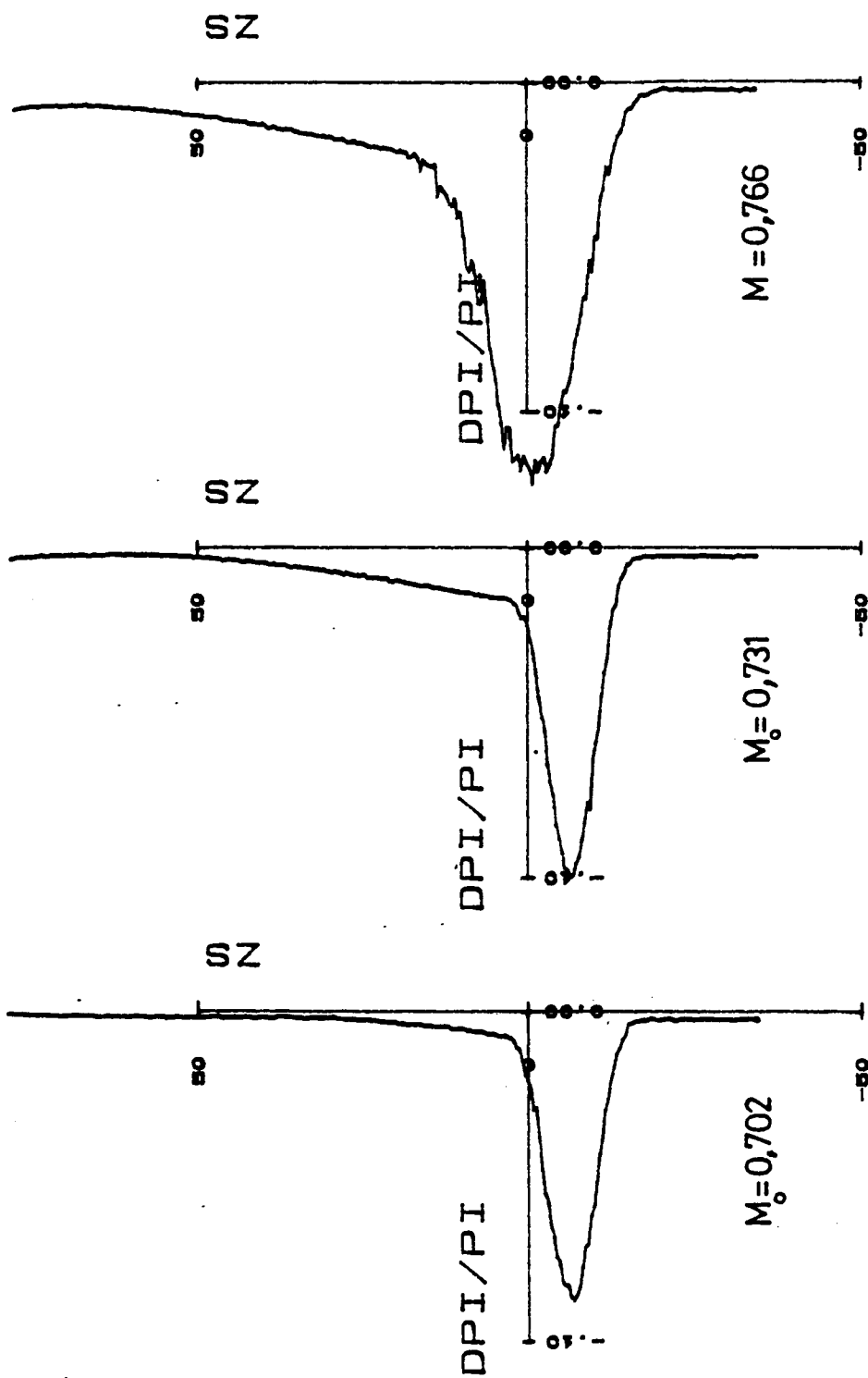




$\alpha = 1^\circ$ $Rc = 4 \cdot 10^6$ T. D.

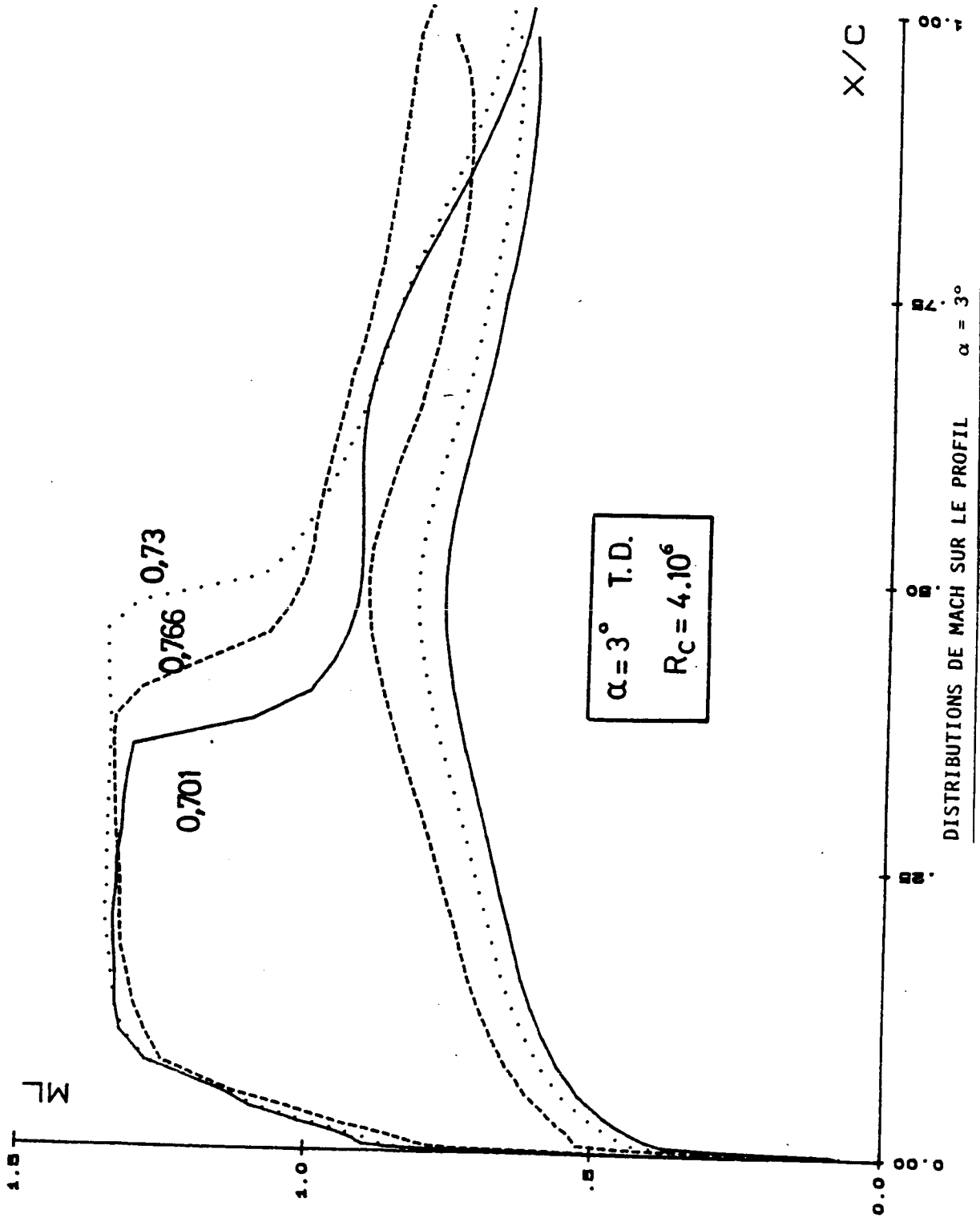
SONDAGES DES SILLAGES $\alpha = 1^\circ$

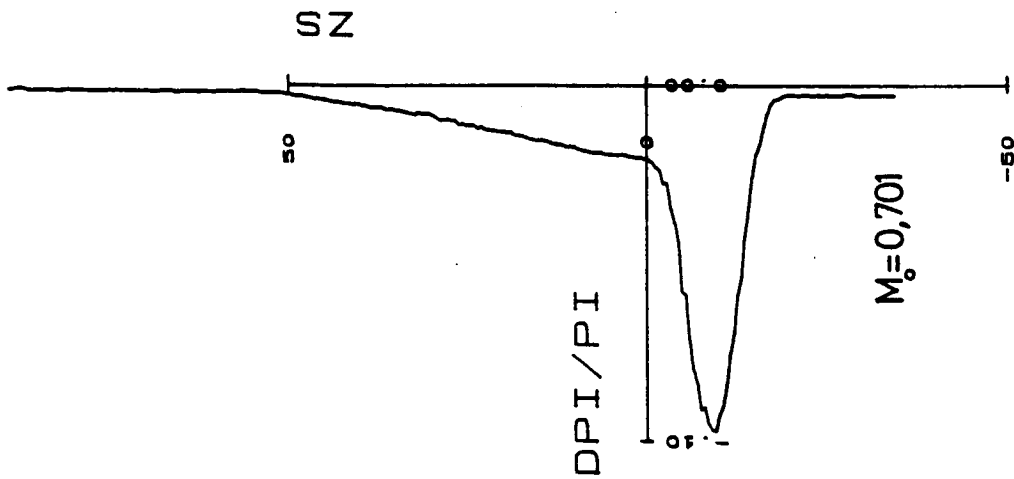
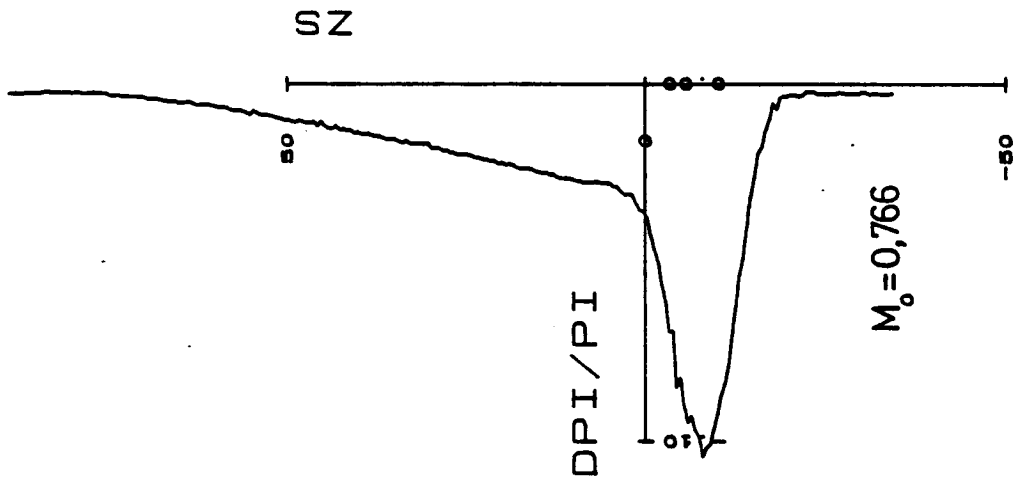
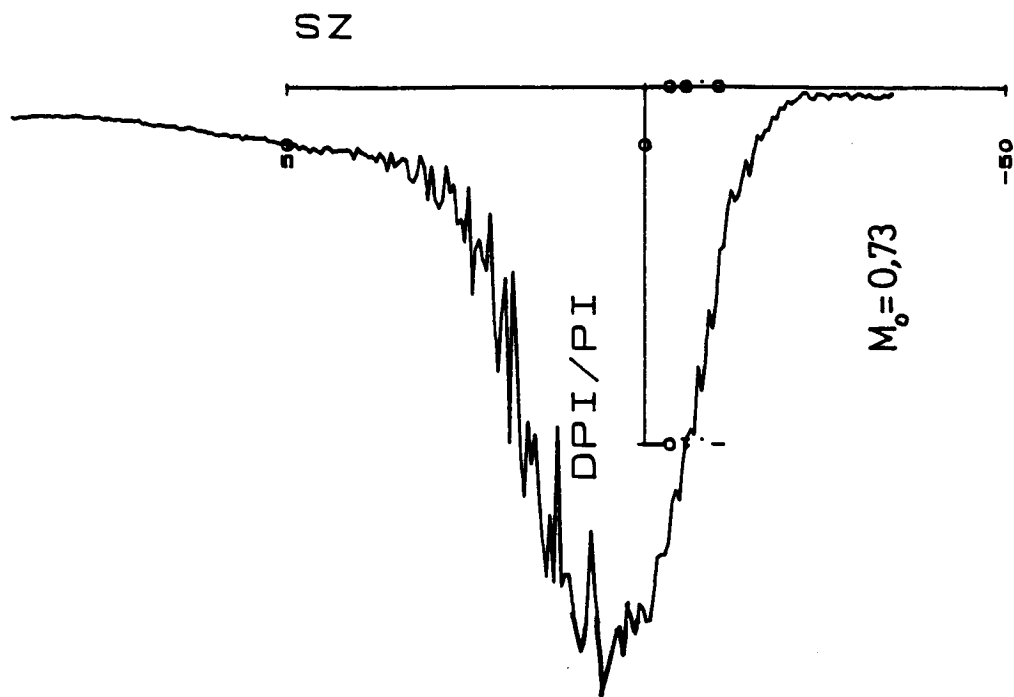




$\alpha = 2^\circ$ $R_c = 4 \cdot 10^6$ T.D.

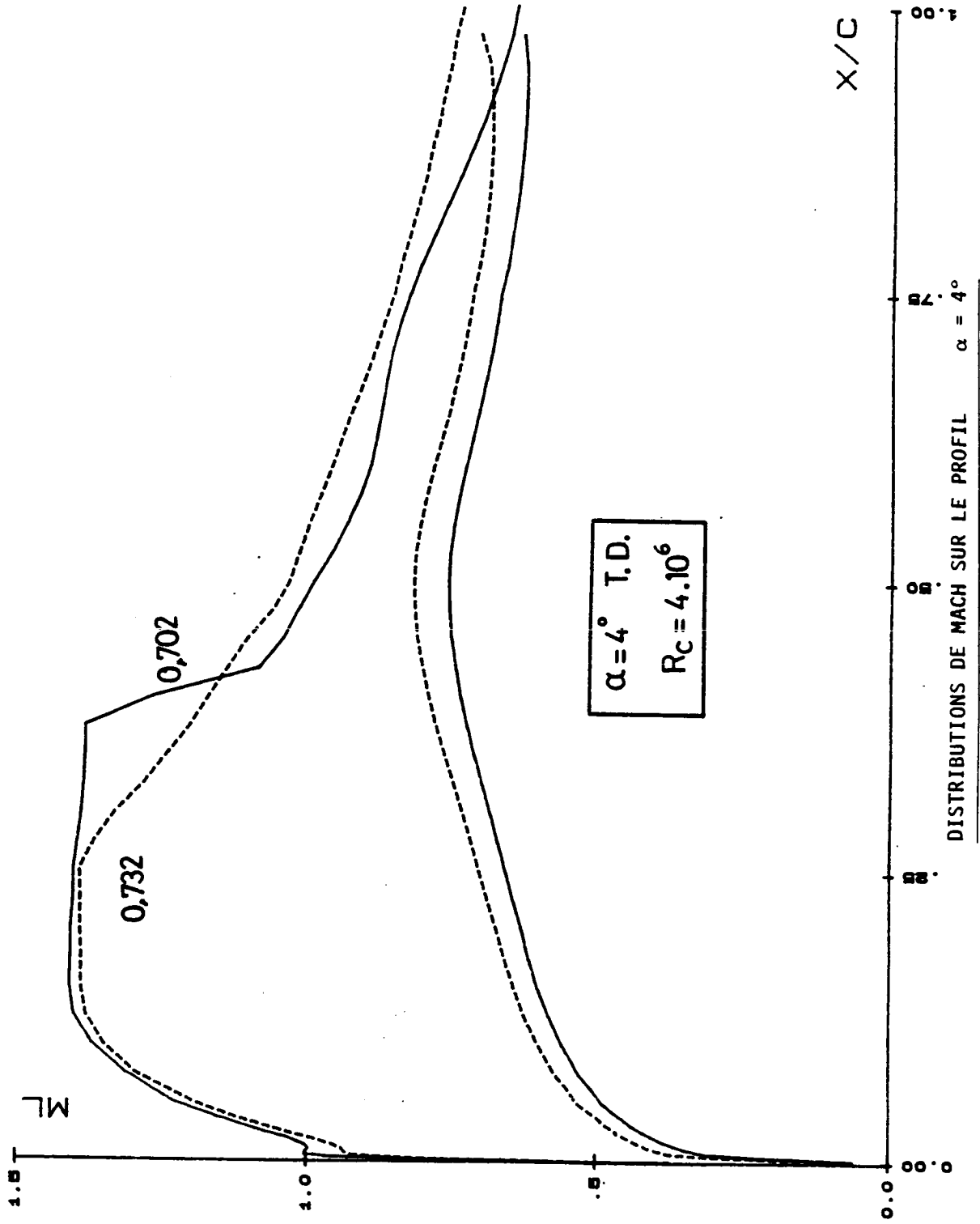
SONDAGES DES SILLAGES $\alpha = 2^\circ$



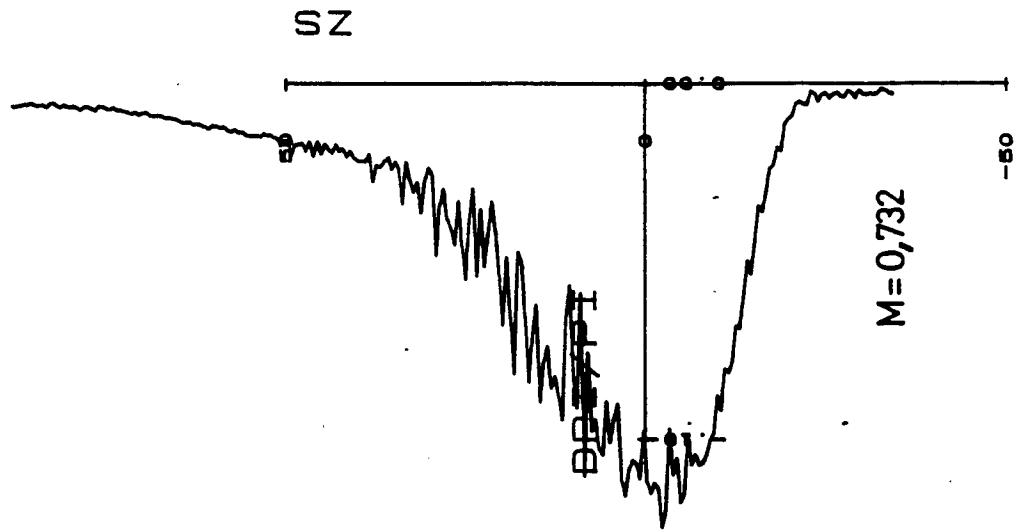
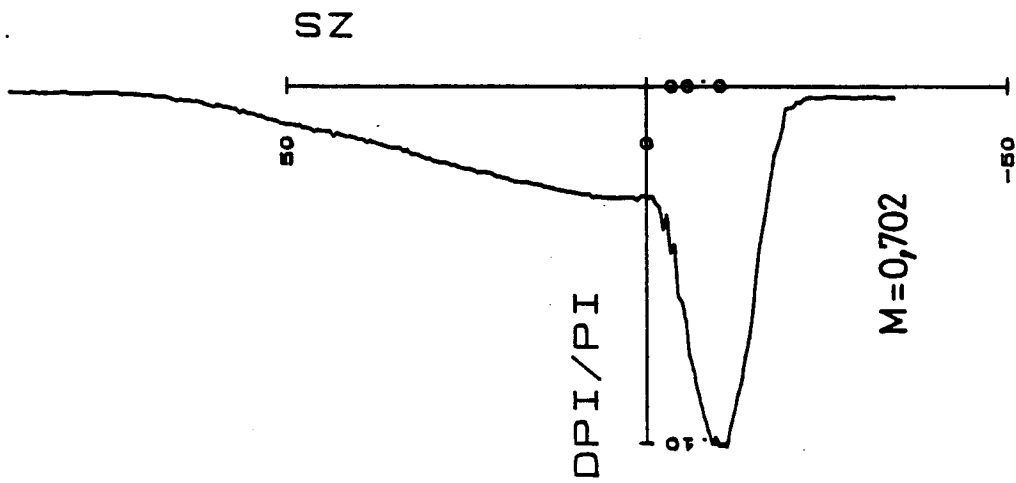


$\alpha = 3^\circ$ $Rc = 4.10^6$ T. D.

SONDAGES DES SILLAGES $\alpha = 3^\circ$



σ - ρ



$\alpha = 4^\circ$ $R_c = 4 \cdot 10^6$ T. D.

SONDAGES DES SILLAGES $\alpha = 4^\circ$

T.D.

VARIATION D'INCIDENCE

$$R_c = 4. 10^6$$

$$M_o = 0,7$$

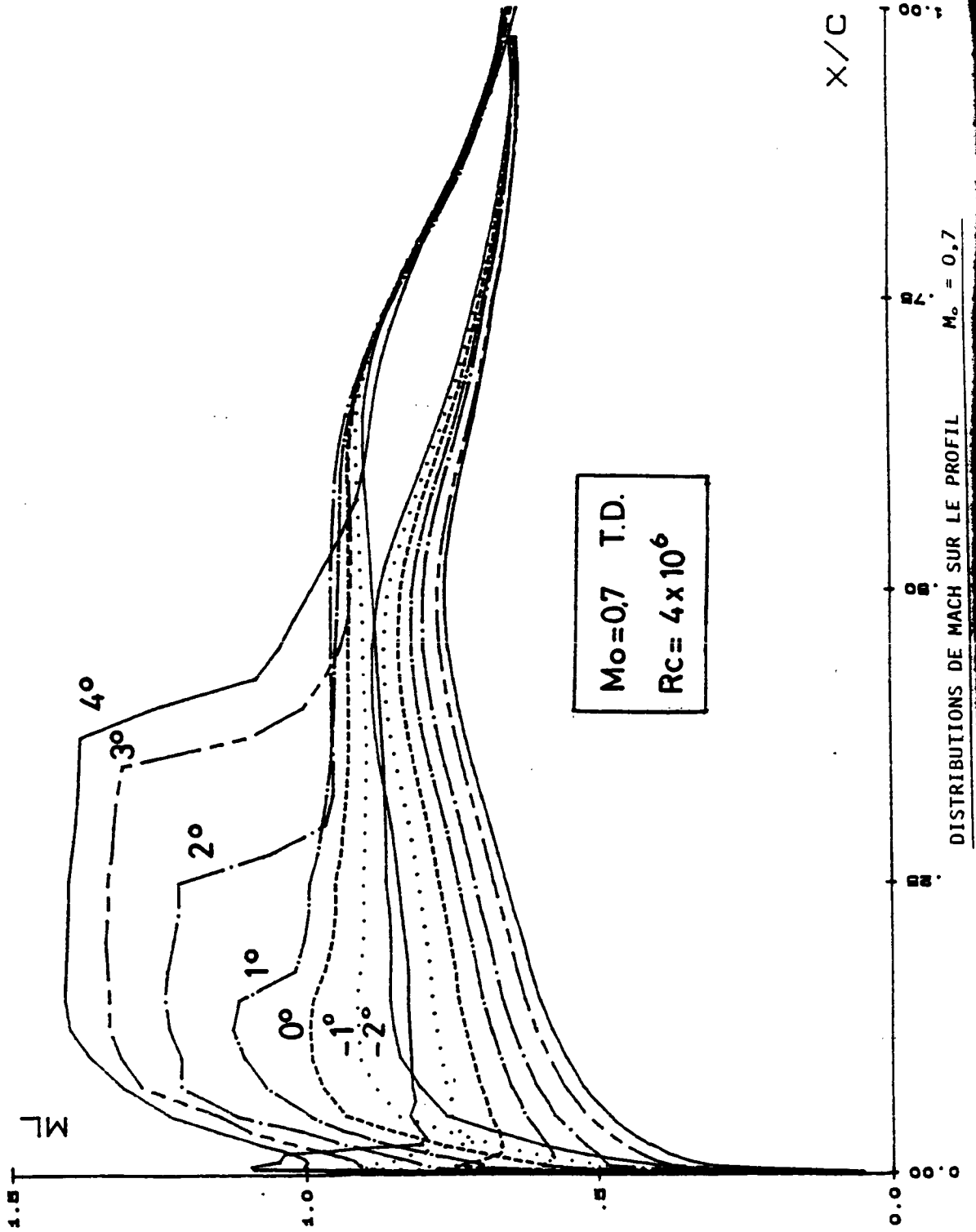
PL. 64 à 66

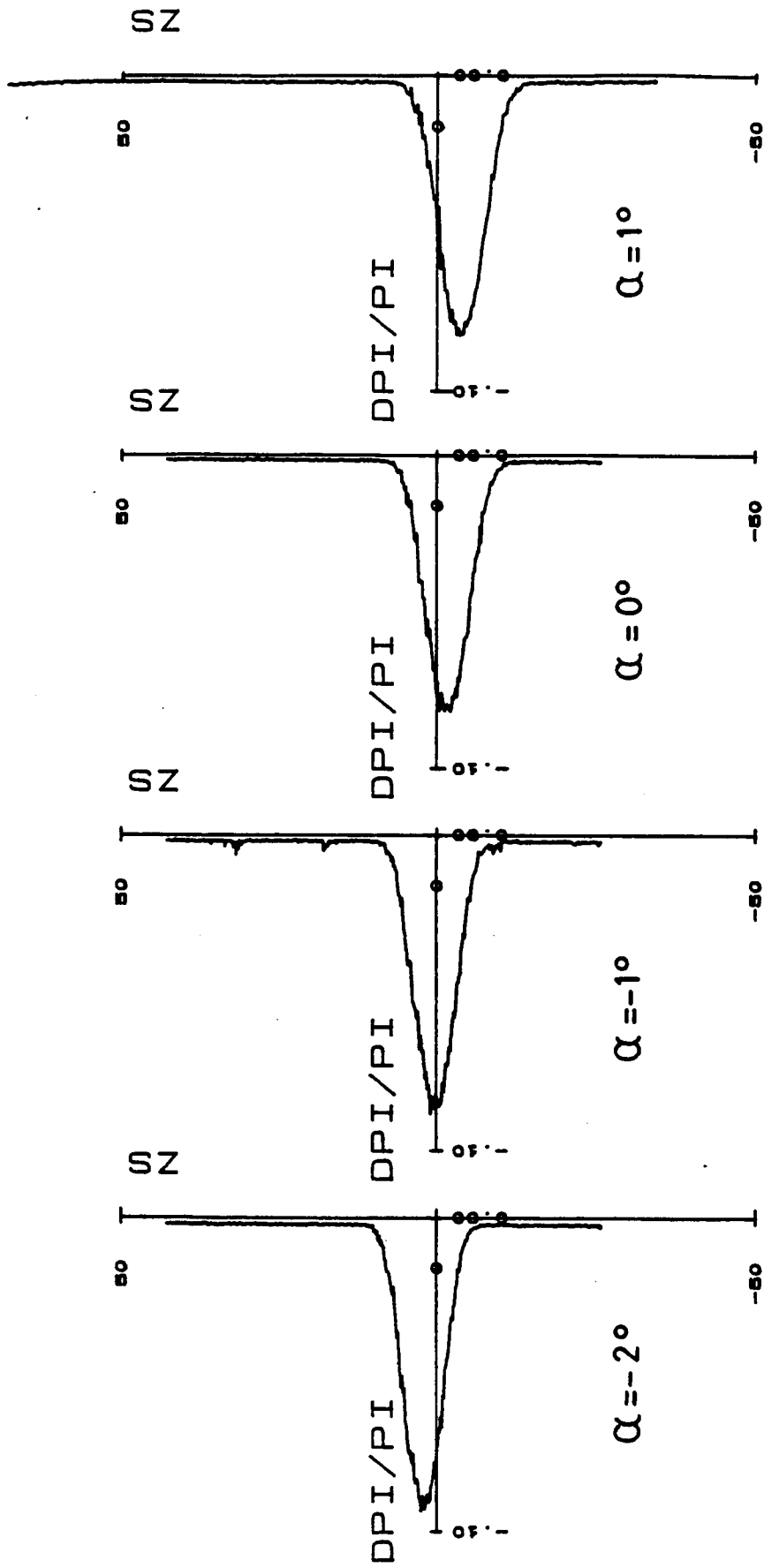
$$M_o = 0,73$$

PL. 67 à 69

$$M_o = 0,765$$

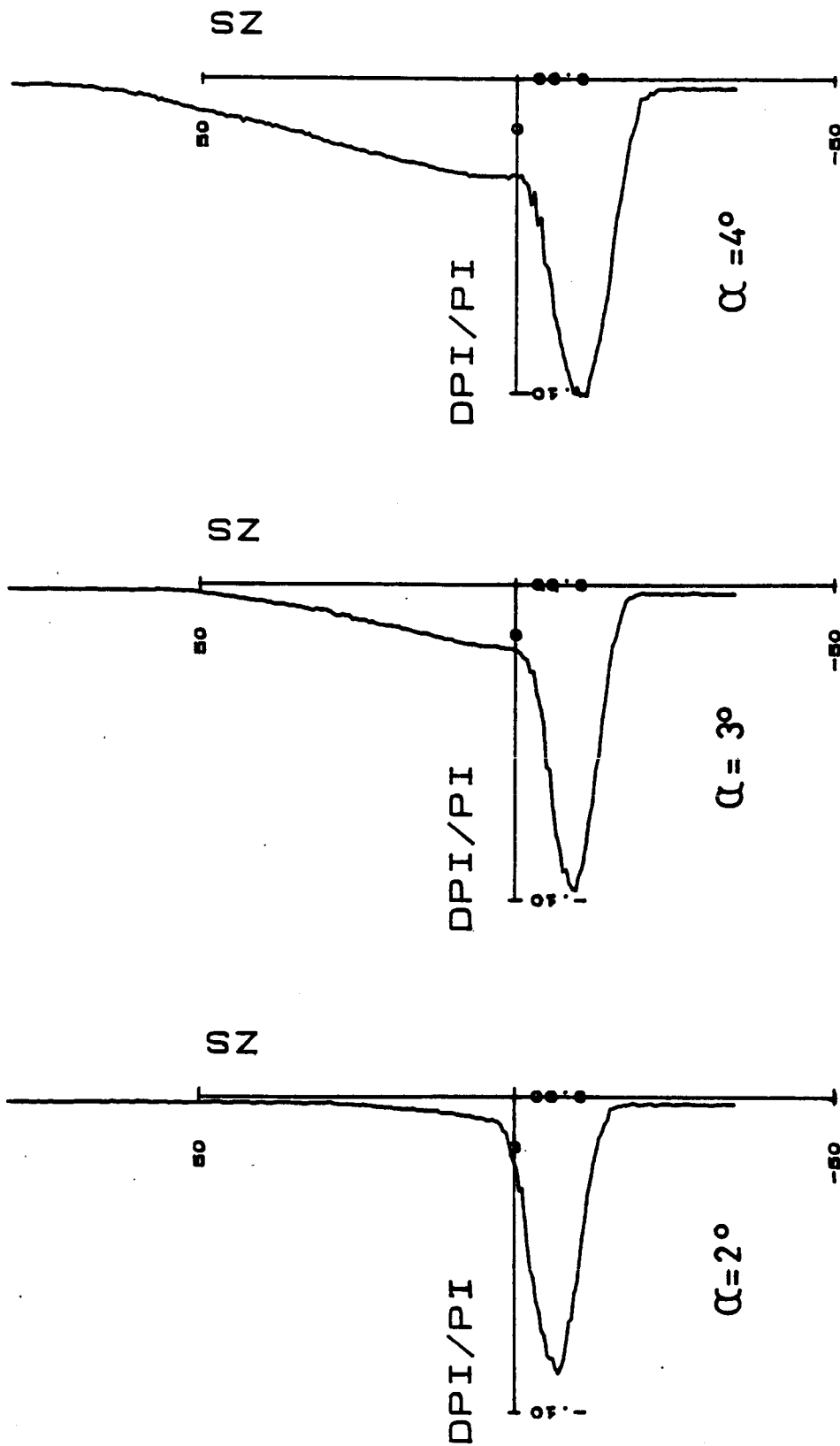
PL. 70 et 71





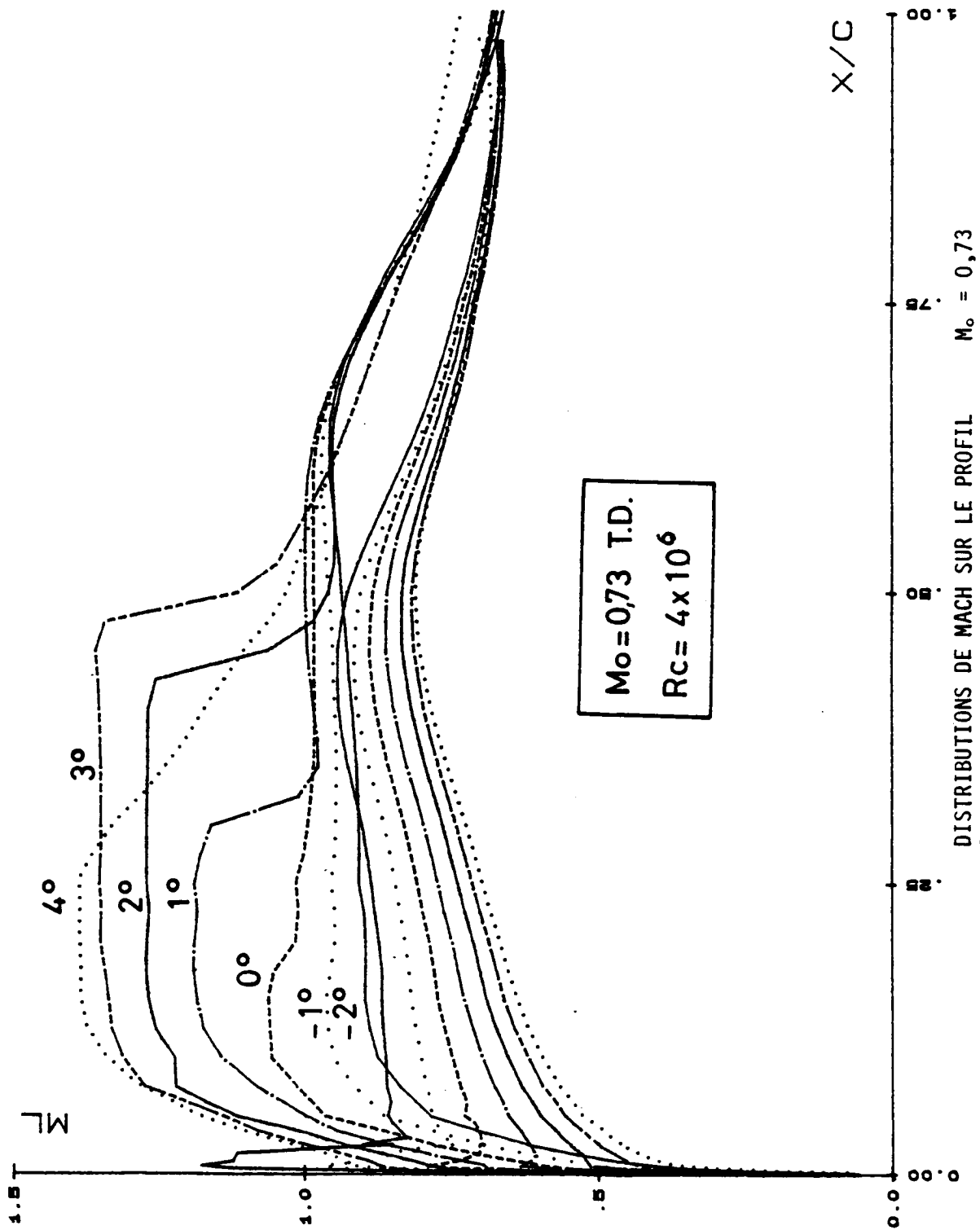
$M_0 = 0,7$ $R_c = 4 \times 10^6$ T.D.

SONDAGES DES SILLAGES $M_0 = 0,7$



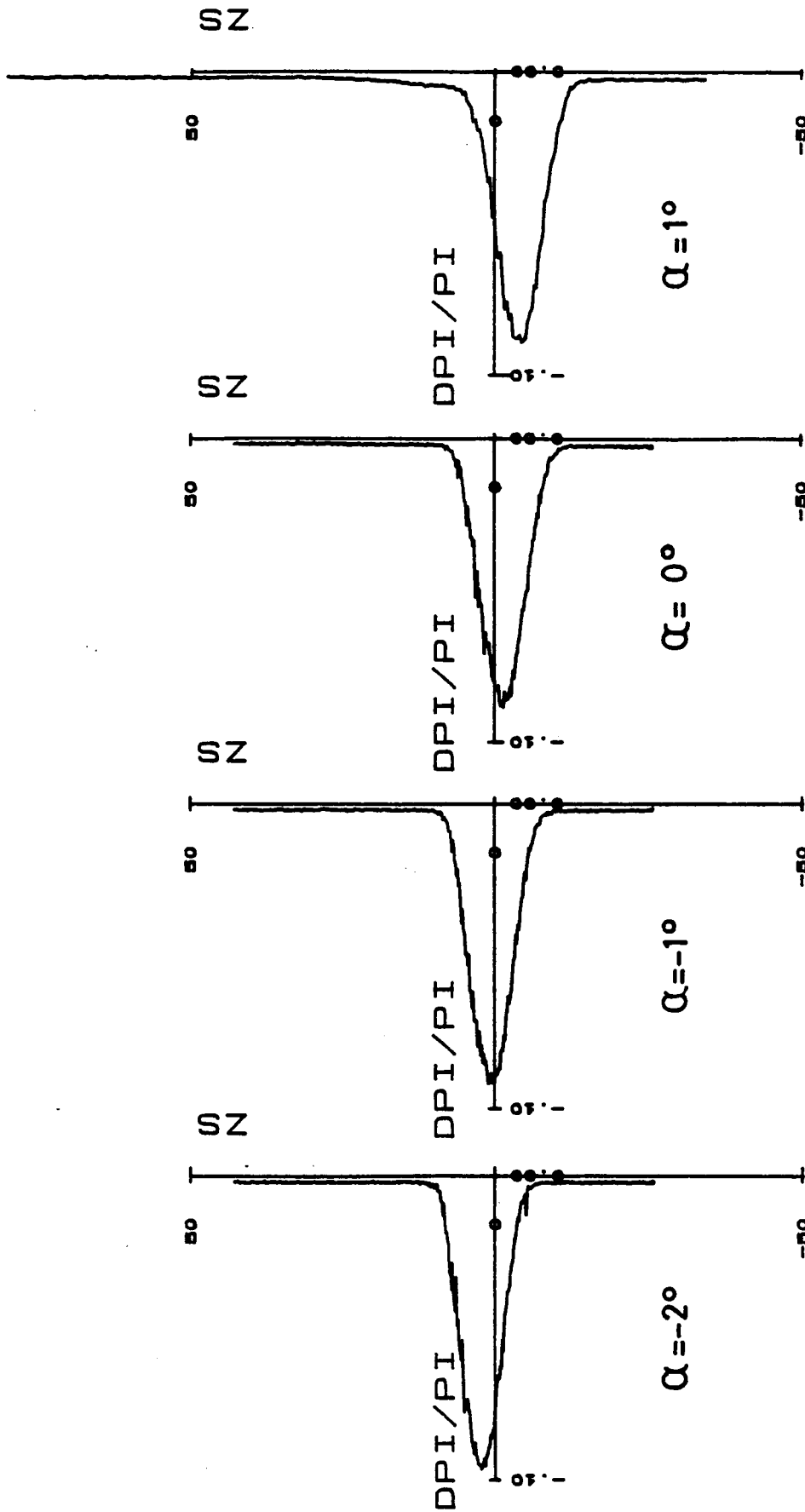
$M_o = 0,7$ $R_c = 4 \times 10^6$ T.D.

SONDAGES DES SILLAGES (suite) $M_o = 0,7$



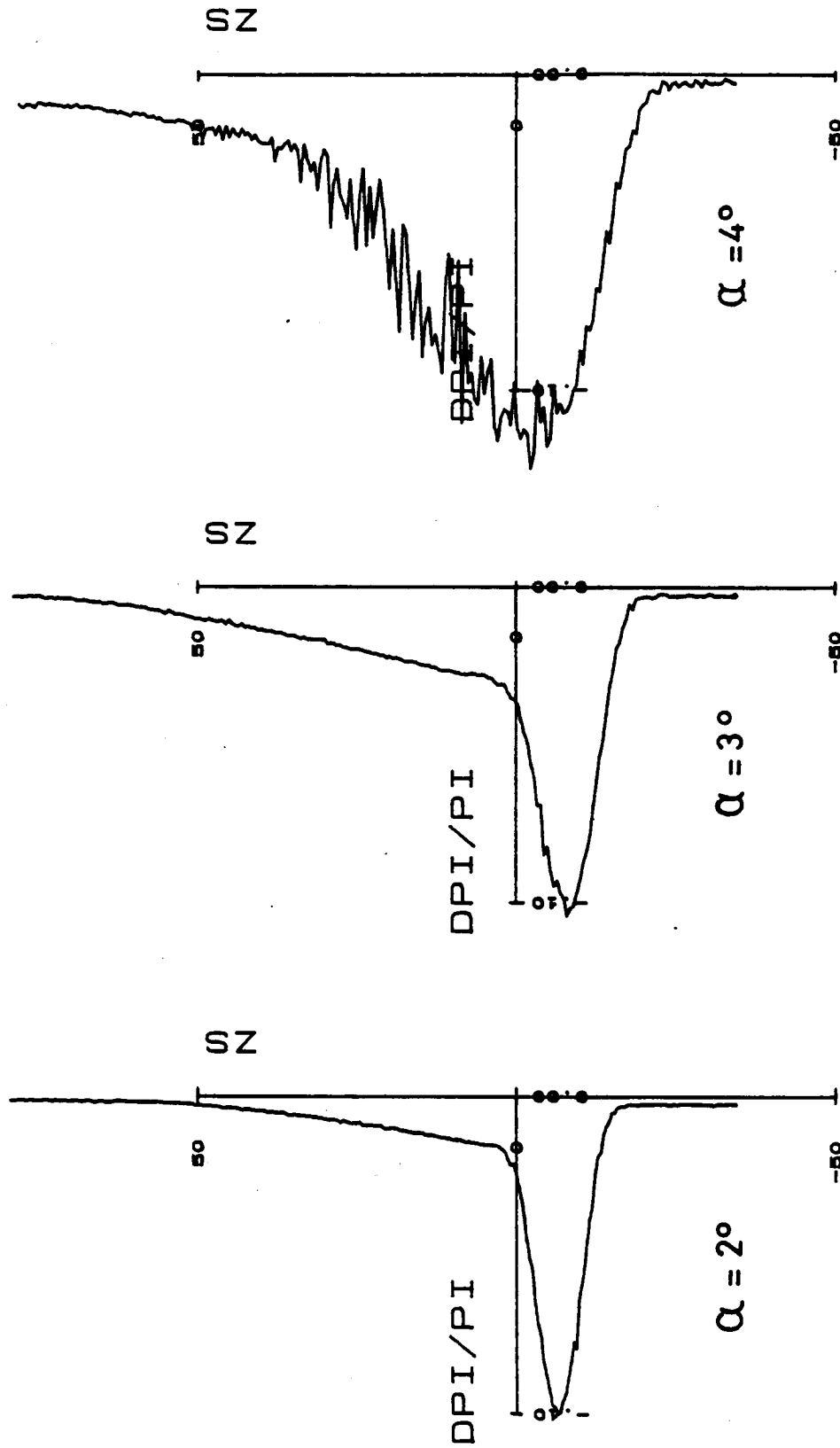
$M_o = 0,73$ T.D.
 $Rc = 4 \times 10^6$

DISTRIBUTIONS DE MACH SUR LE PROFIL $M_o = 0,73$



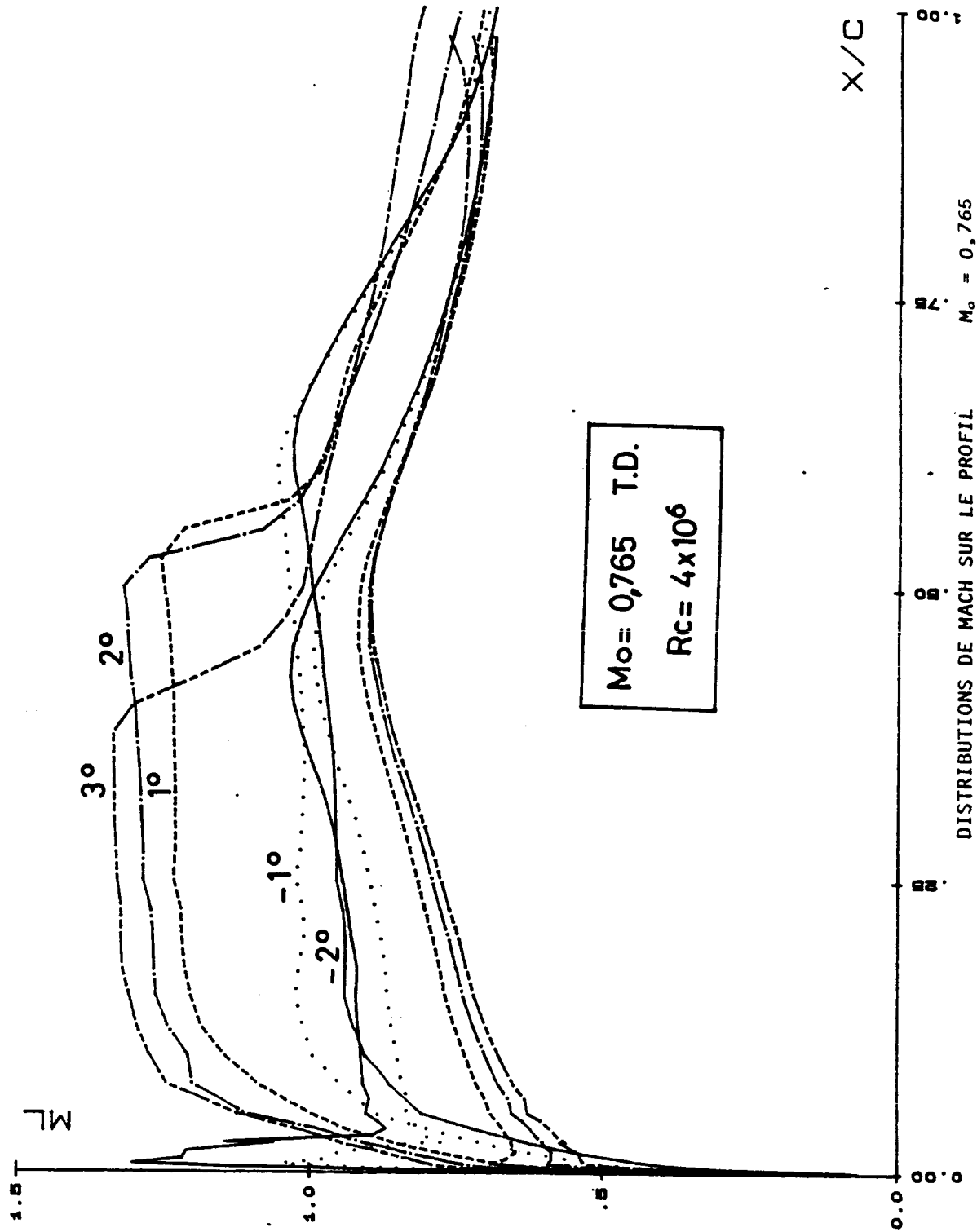
$M_o = 0,73$ $R_c = 4 \times 10^6$ T.D.

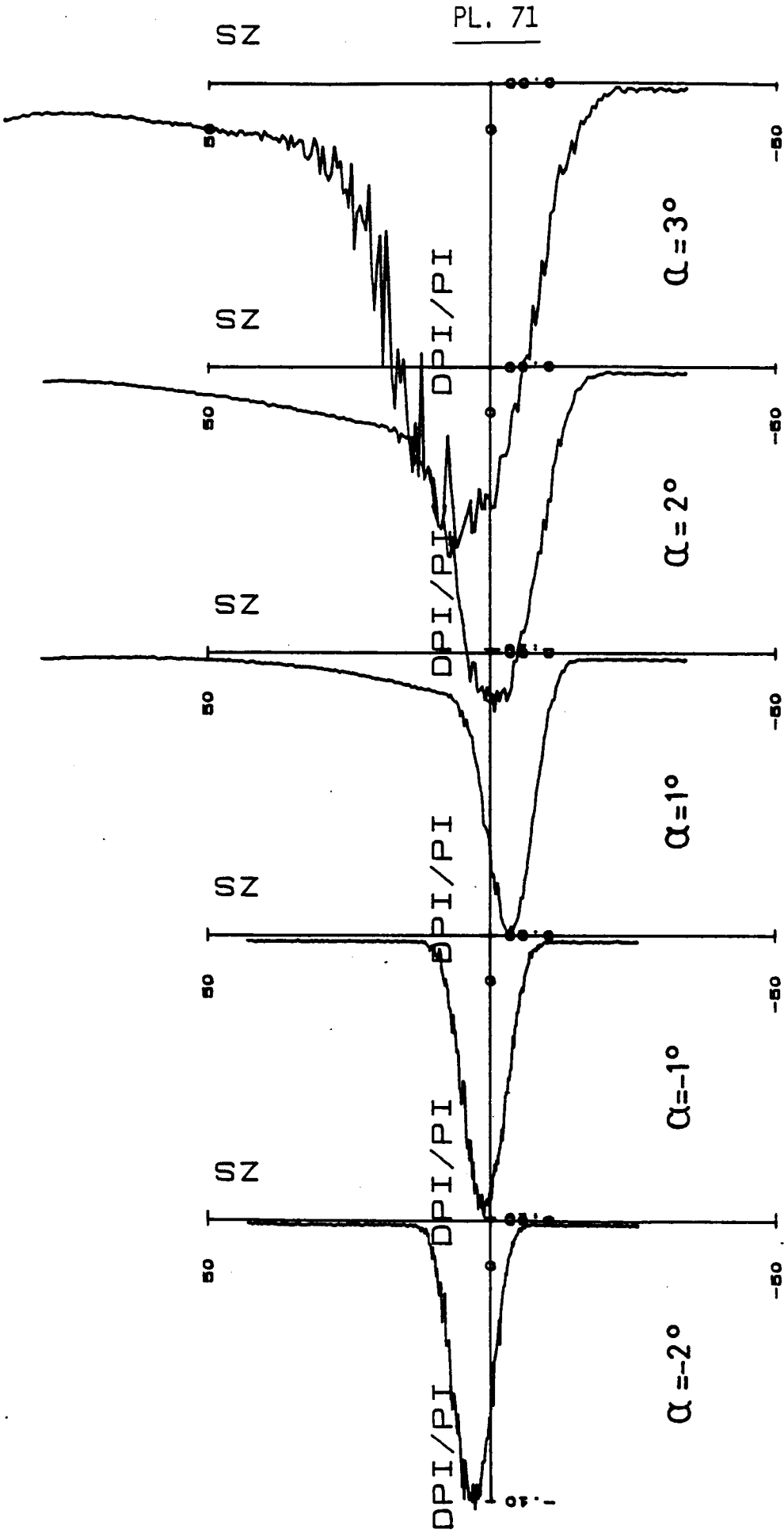
SONDAGES DES SILLAGES $M_o = 0,73$



$M_o = 0,73$ $Rc = 4 \times 10^6$ T.D.

SONDAGES DES SILLAGES (suite) $M_o = 0,73$





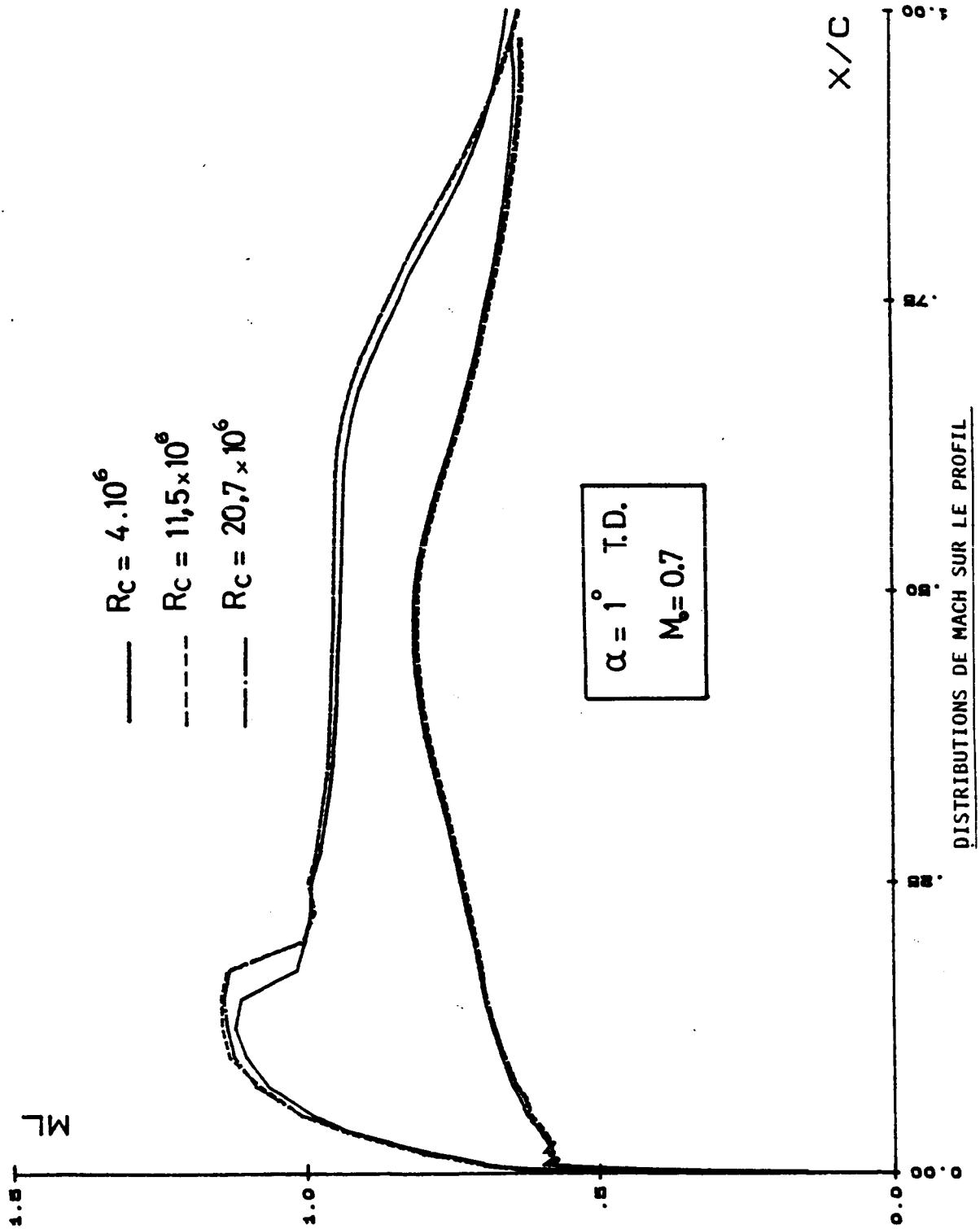
$M_o = 0,765 \quad R_c = 4 \times 10^6 \quad T.D.$

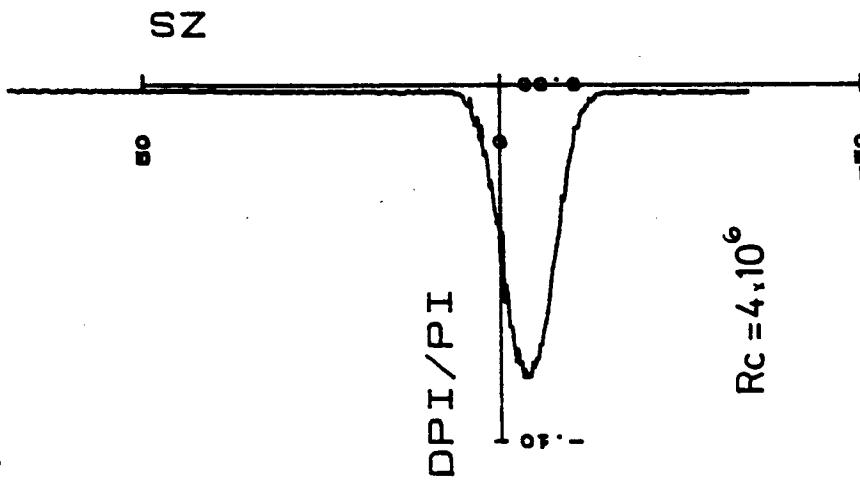
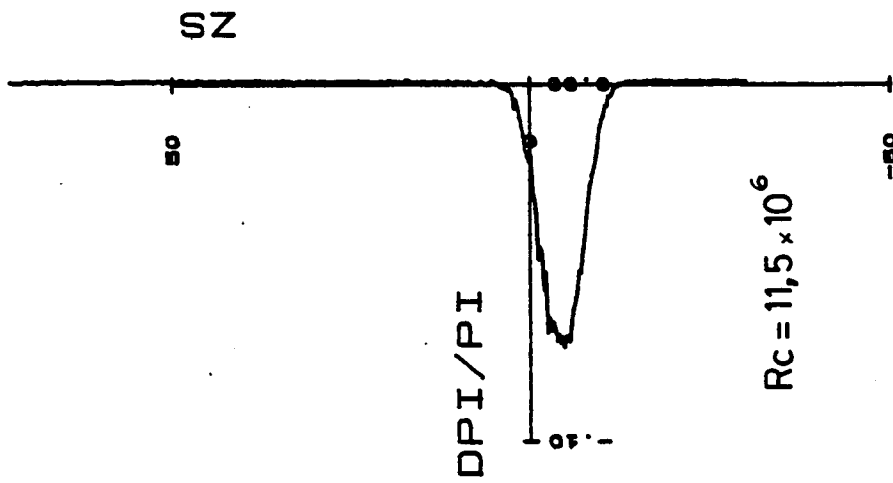
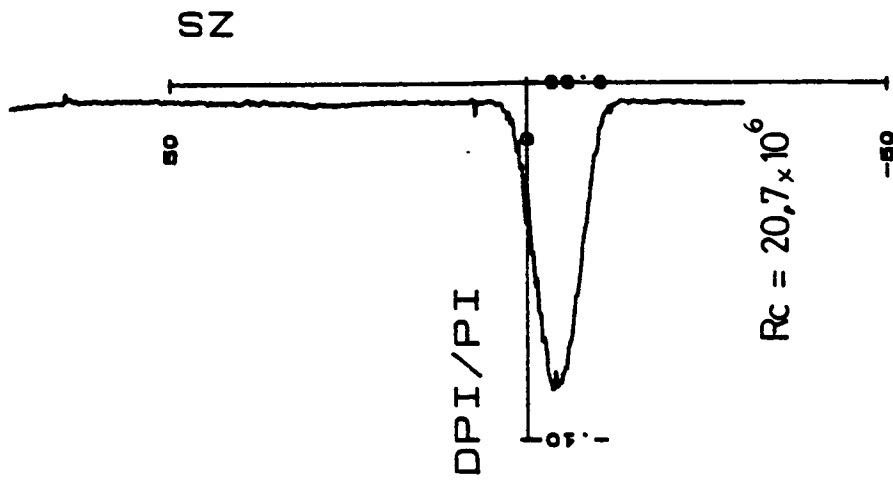
SONDAGES DES SILLAGES $M_o = 0,765$

T.D.

VARIATION DU NOMBRE DE REYNOLDS

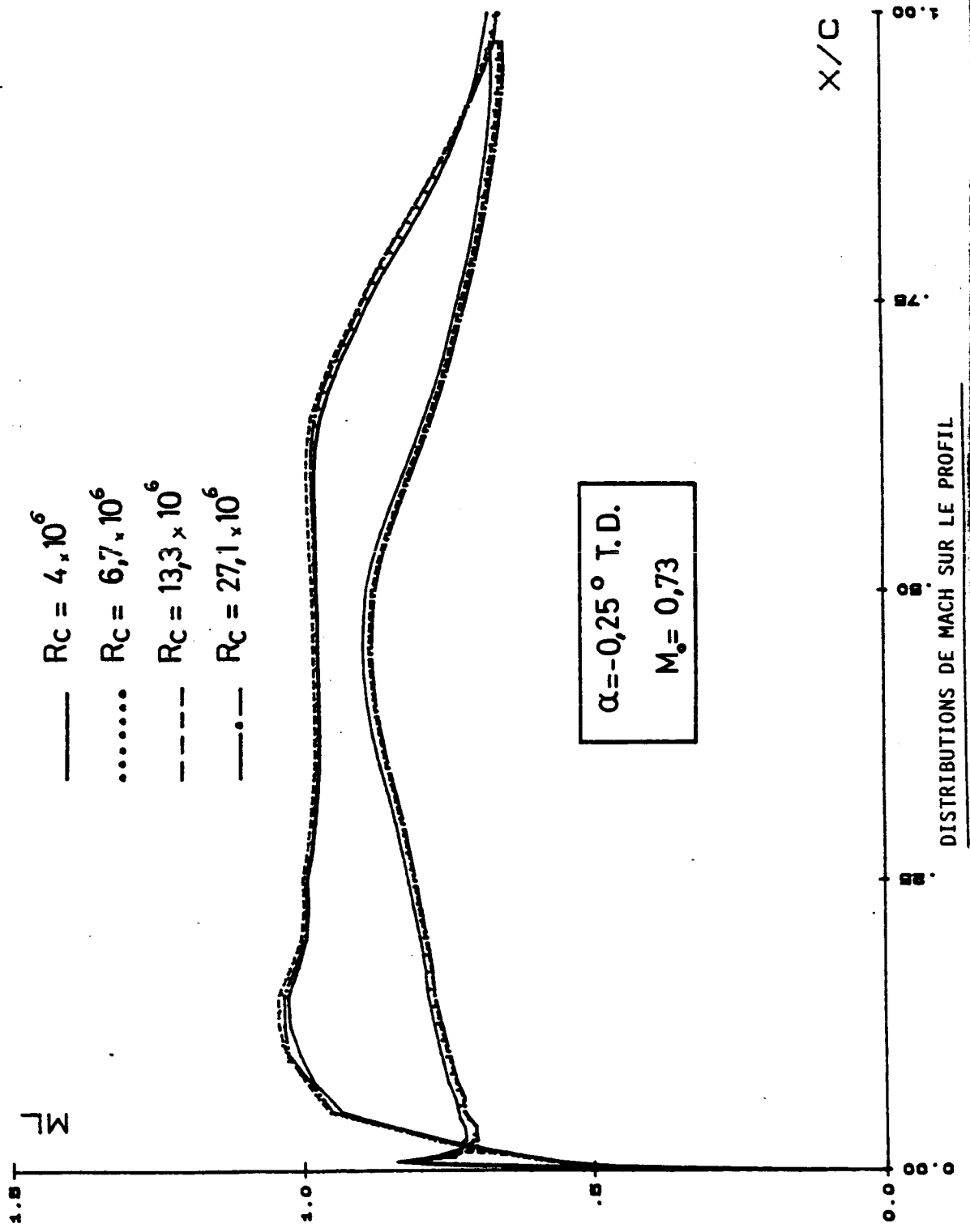
$M_o = 0,7$	et $\alpha = + 1^\circ$	PL. 72 et 73
$M_o = 0,73$	et $\alpha = - 0,25^\circ$	PL. 74 et 75
$M_o = 0,76$	et $\alpha = + 0,25^\circ$	PL. 76 et 77
$M_o = 0,76$	et $\alpha = + 1^\circ$	PL. 78 et 79
$M_o = 0,765$	et $\alpha = - 2^\circ$	PL. 80 et 81
$M_o = 0,765$	et $\alpha = + 2^\circ$	PL. 82 et 83

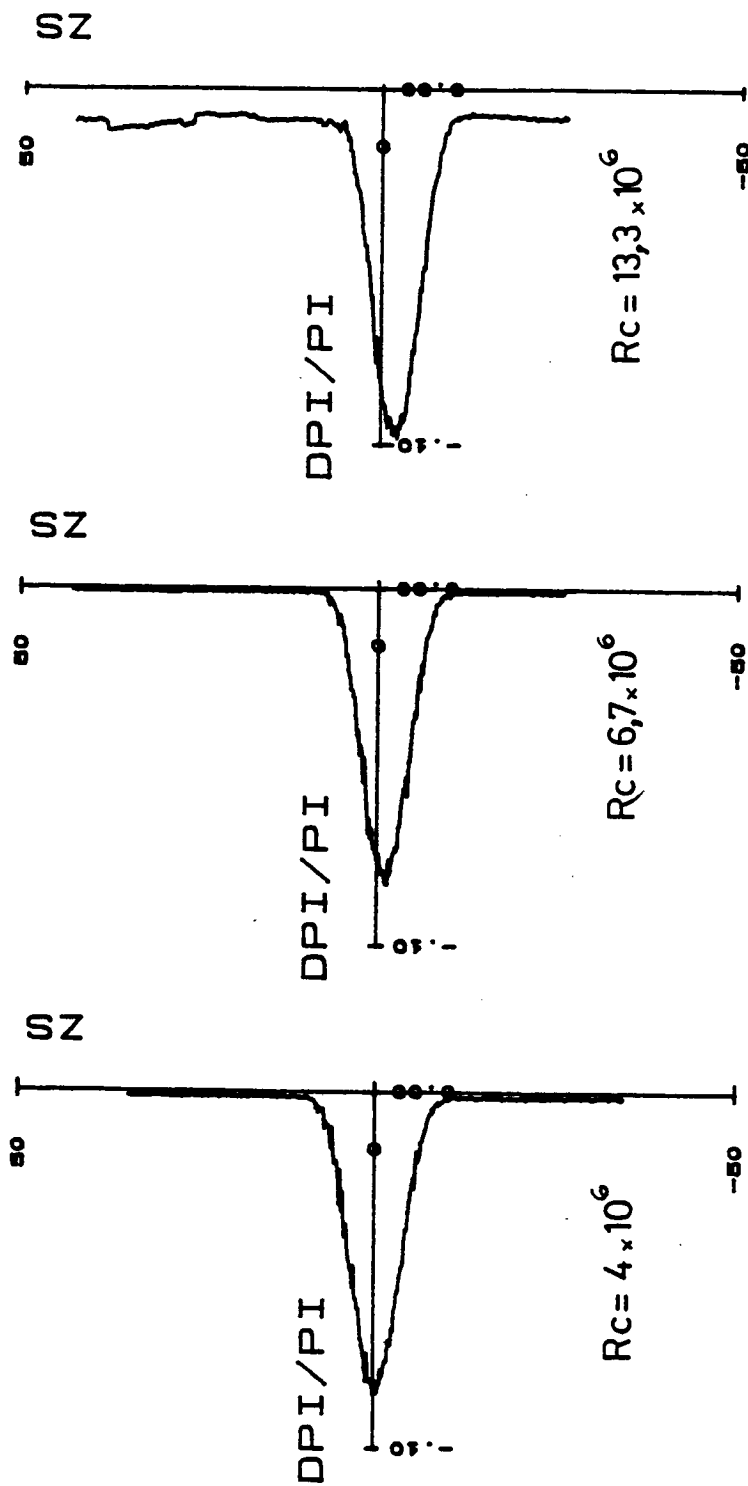




$\alpha = 1^\circ$ $M = 0,7$ T.D.

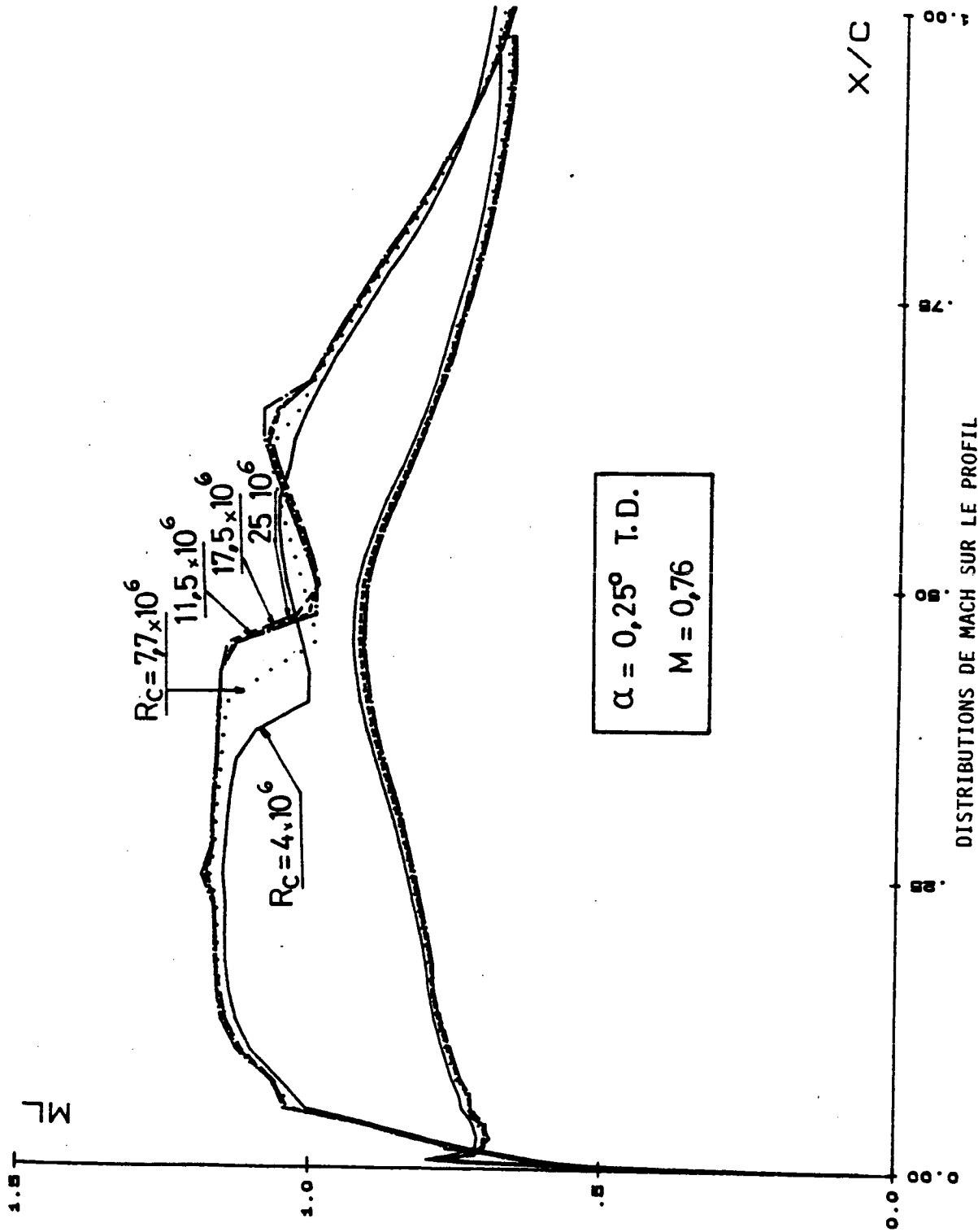
SONDAGES DES SILLAGES

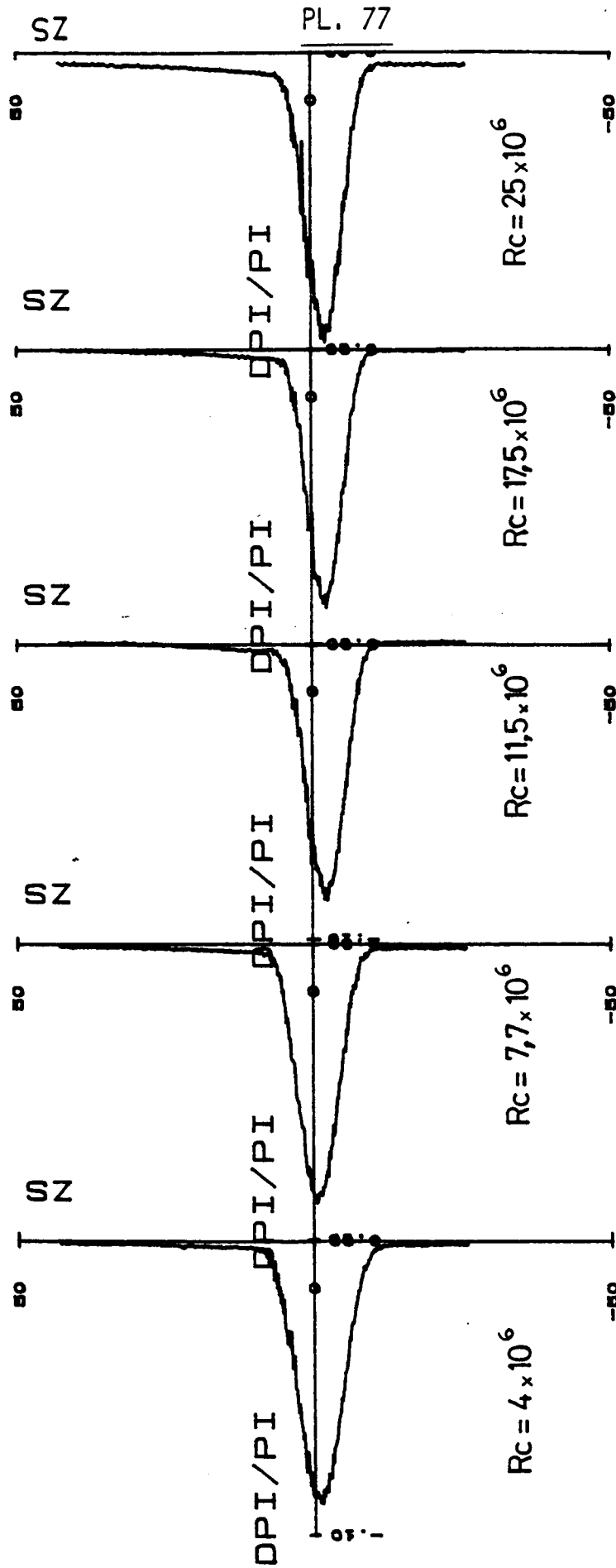




$\alpha = -0,25^\circ$ $M = 0,73$ T.D.

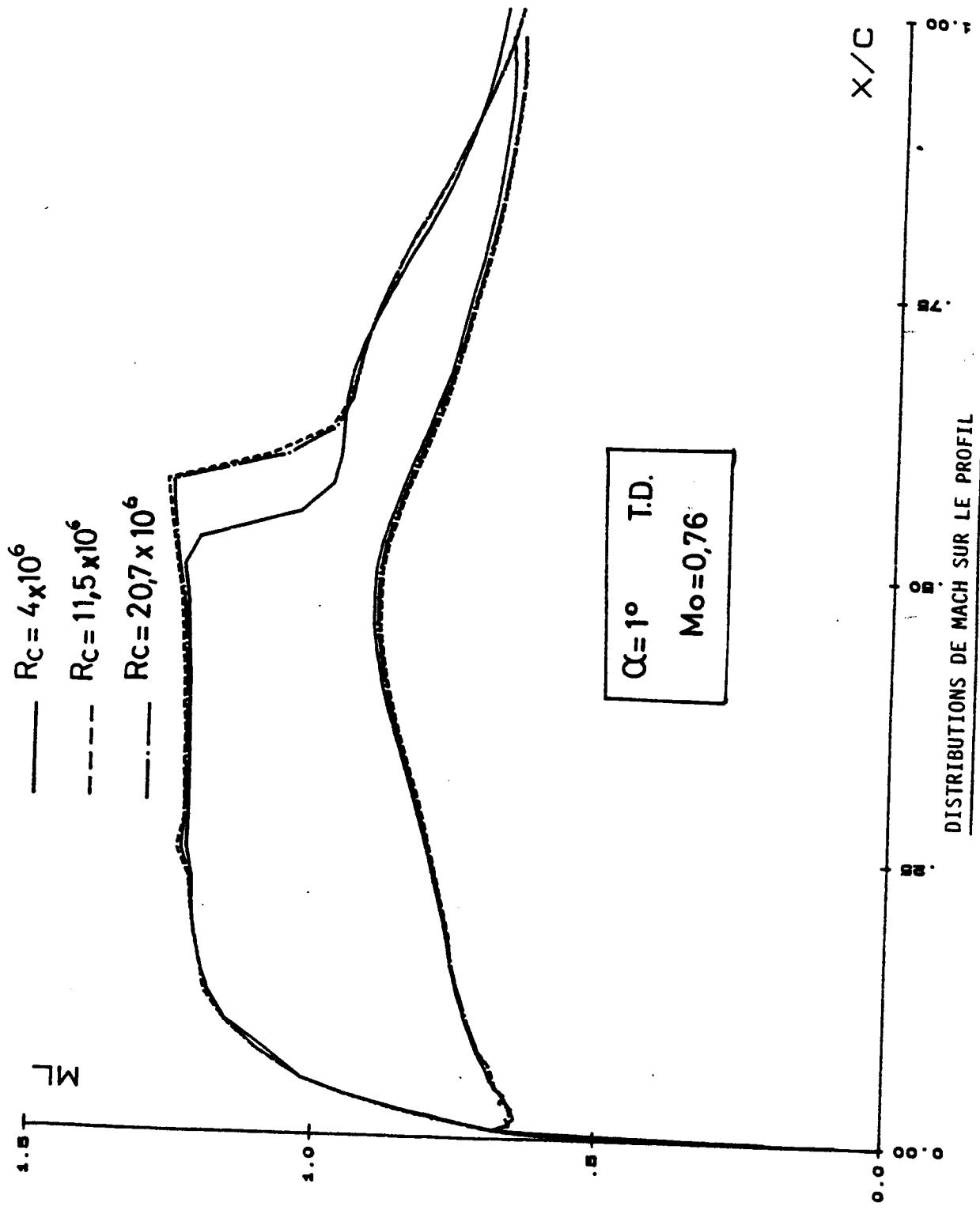
SONDAGES DES SILLAGES

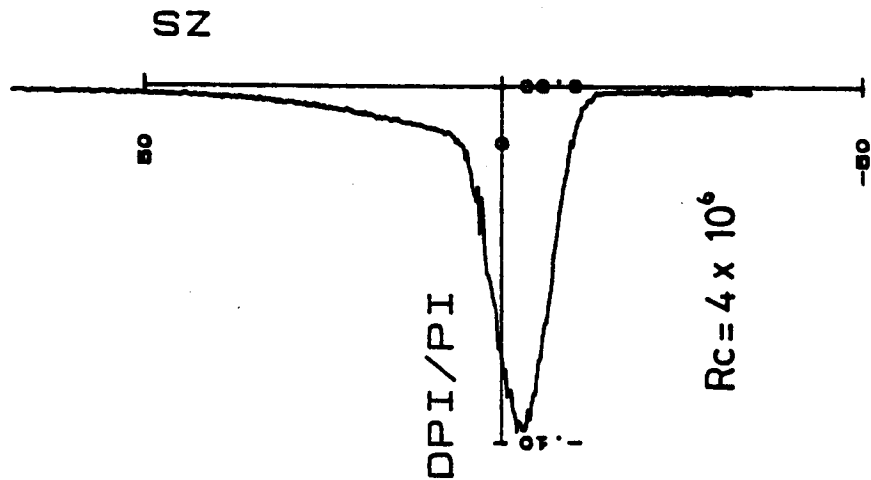
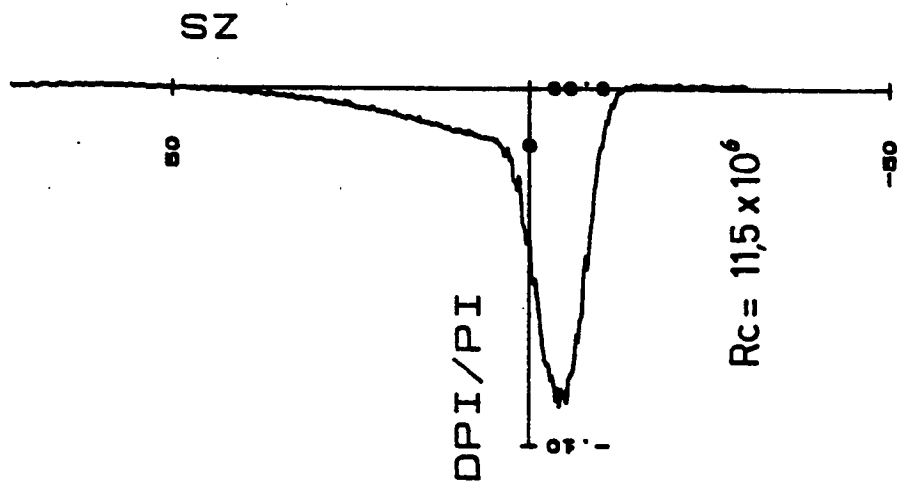
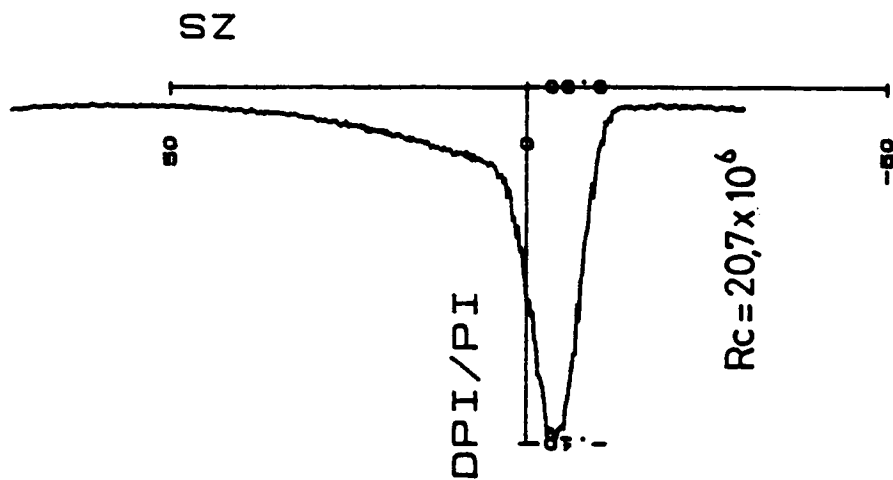




$\alpha = 0,25^\circ$ $M = 0,76$ T.D.

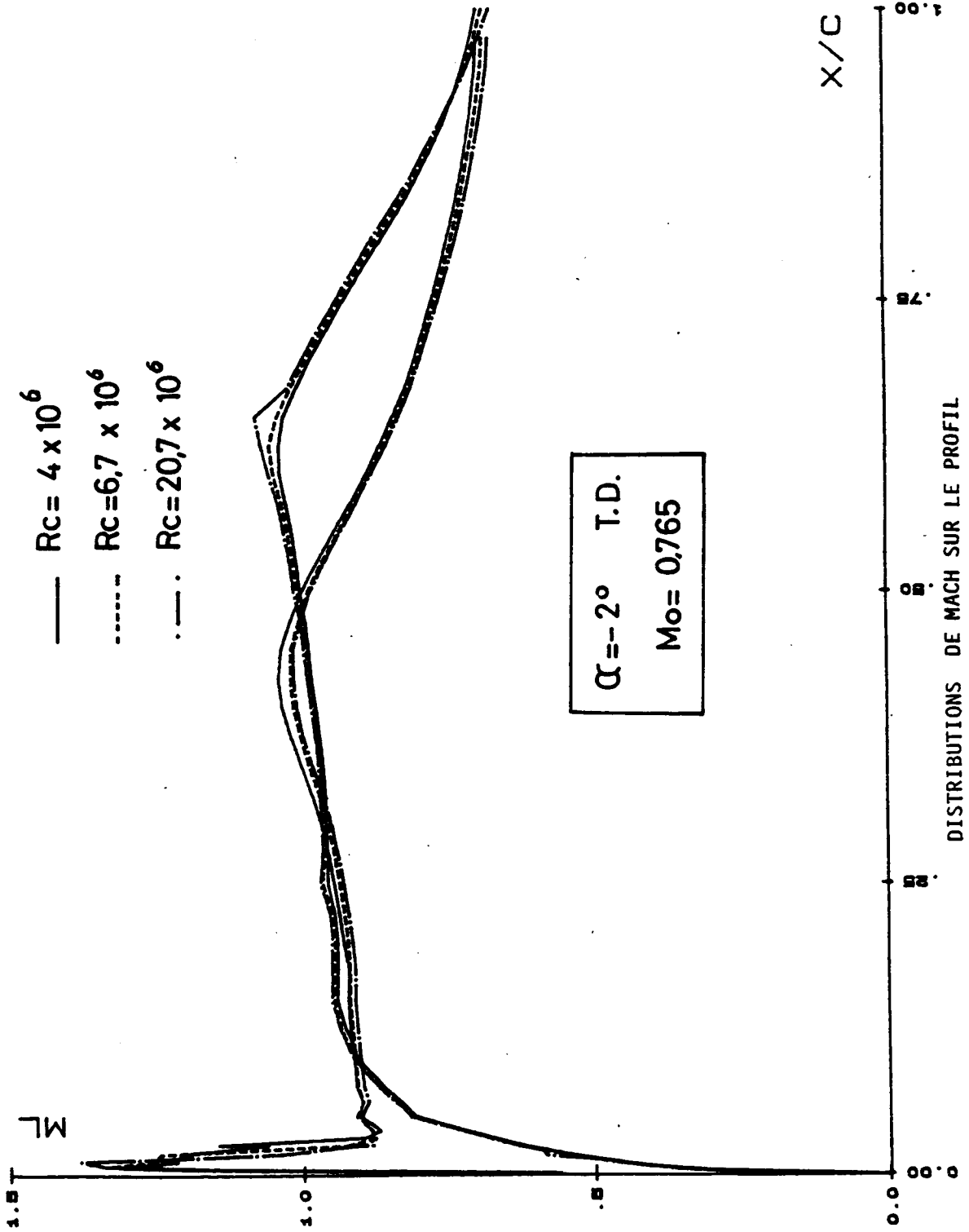
SONDAGES DES SILLAGES

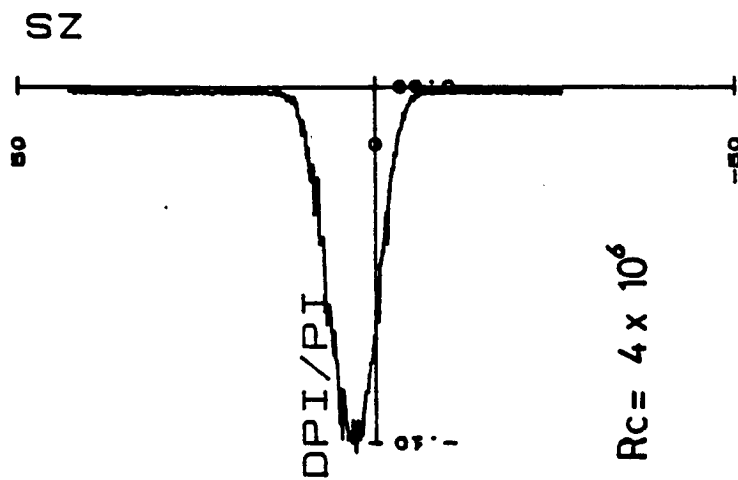
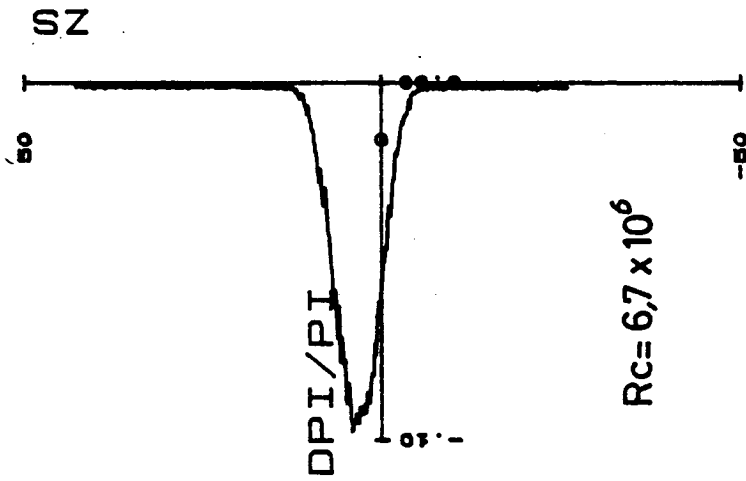
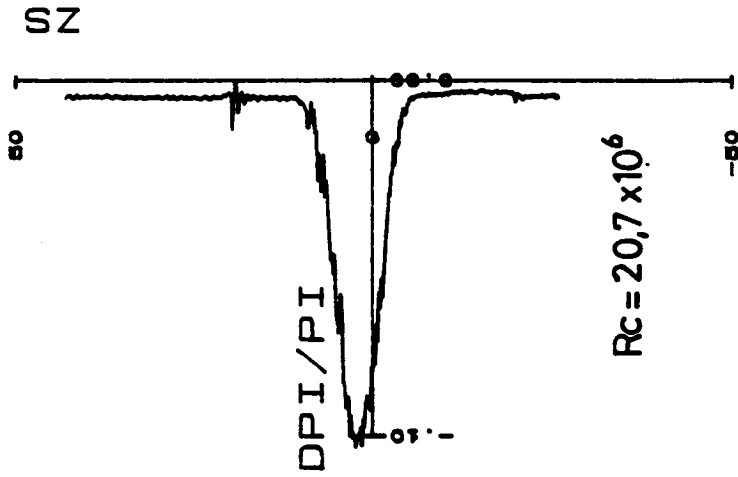




$\alpha = 1^\circ$ $M_0 = 0,76$ T.D.

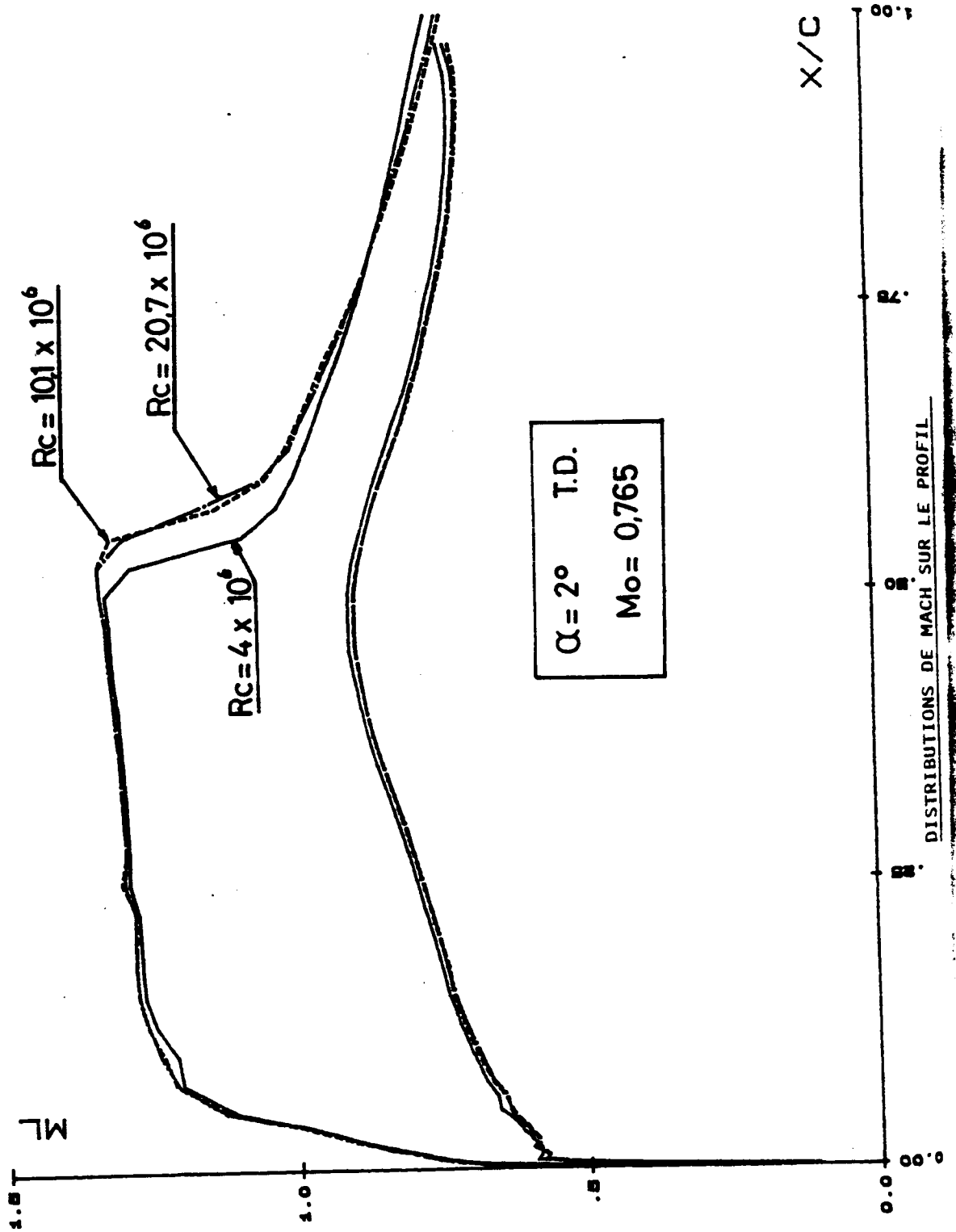
SONDAGES DES SILLAGES

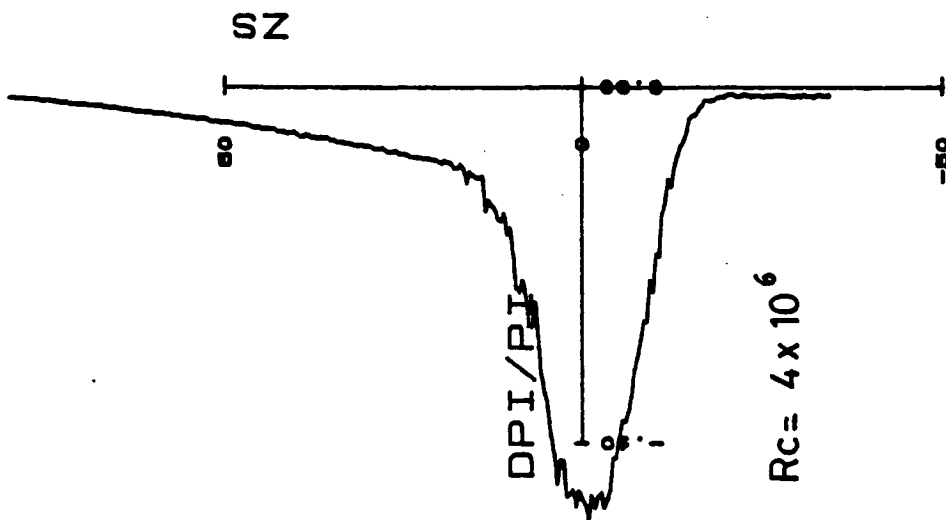
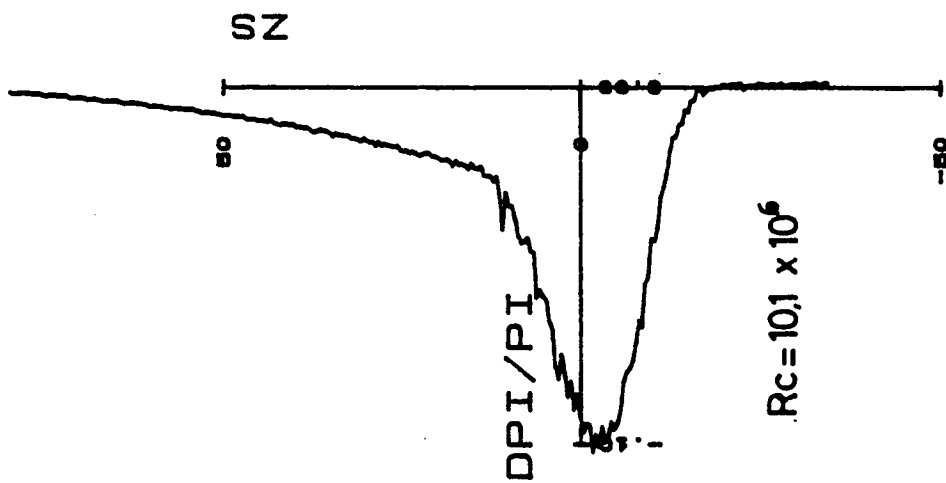
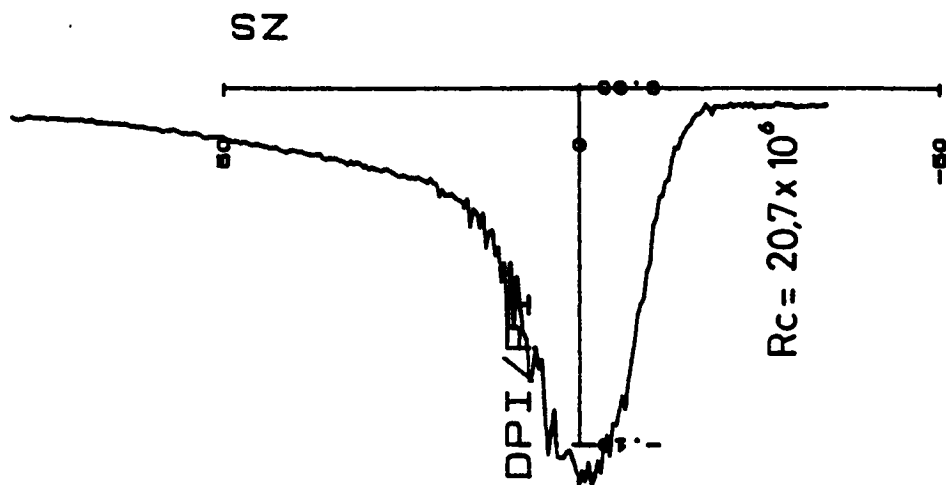




$\alpha = -2^\circ$ $M_0 = 0,765$ T.D.

SONDAGES DES SILLAGES





$\alpha = 2^\circ$ $M_0 = 0,765$ T.D.

SONDAGES DES SILLAGES

T.D.

COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

$$R_c = 4 \cdot 10^6$$

$C_{xS} (M_0)$

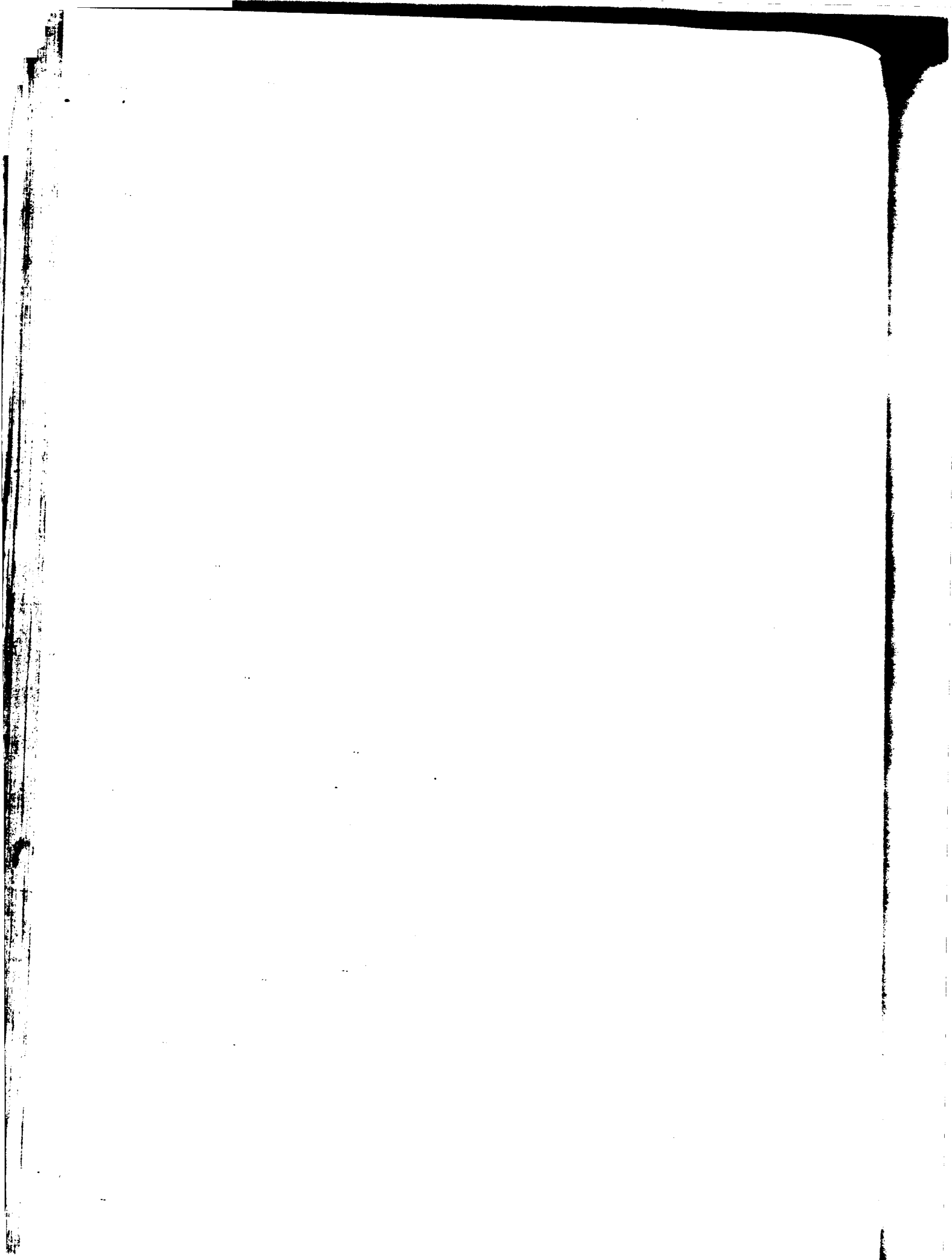
PL. 84

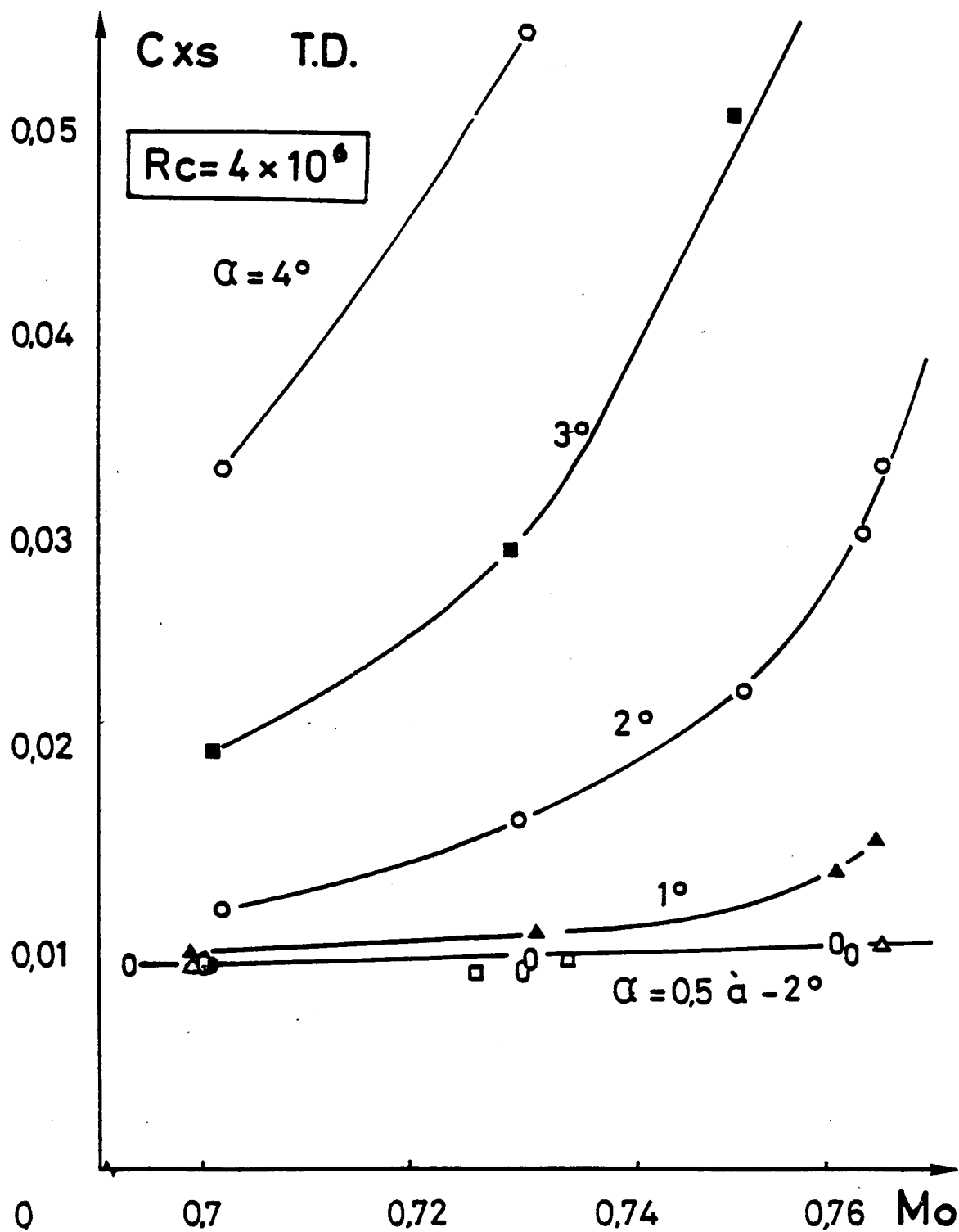
$C_z (M_0)$

PL. 85

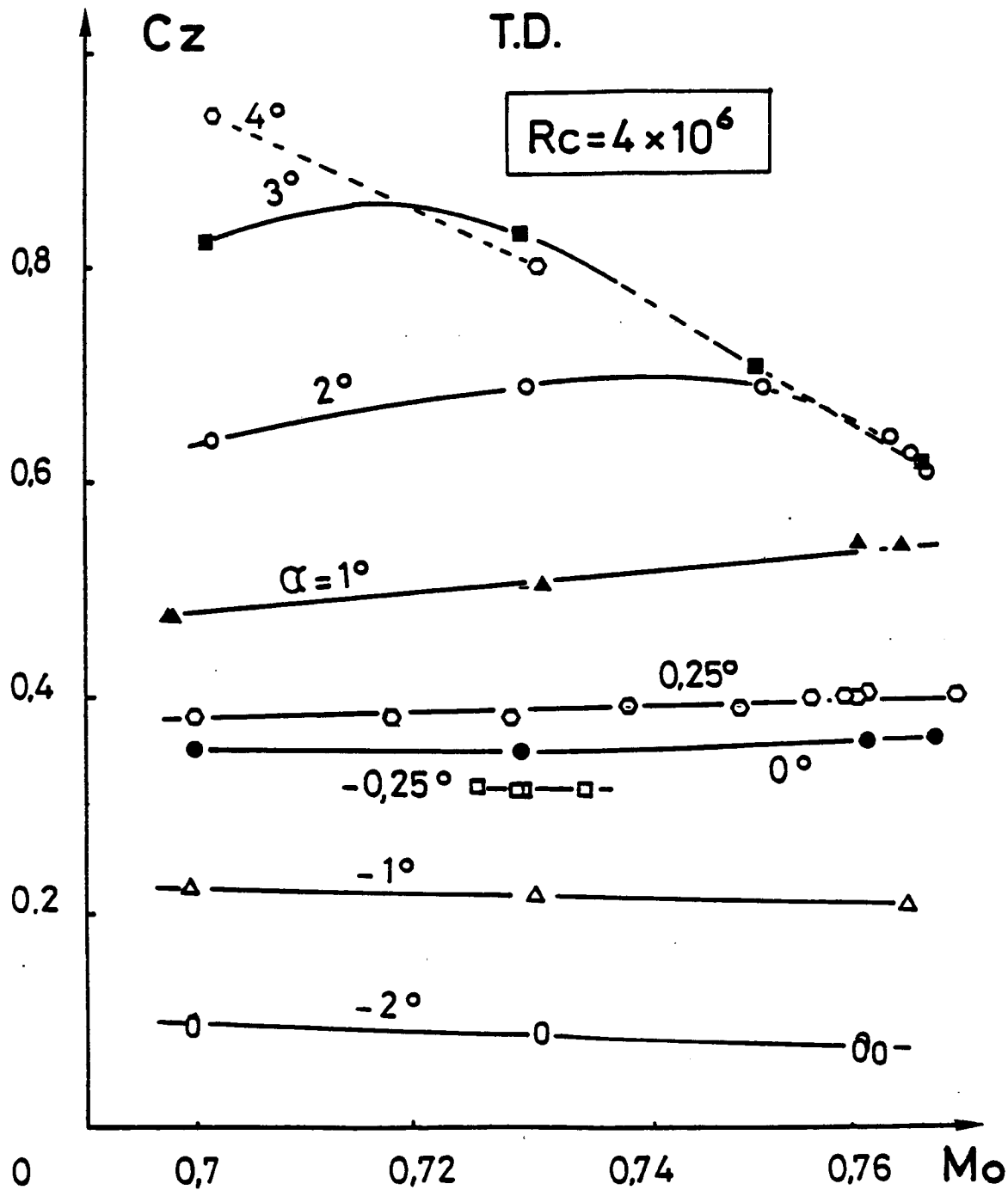
$C_m (M_0)$

PL. 86





COEFFICIENT DE TRAINÉE C_{xs} $R_c = 4 \times 10^6$



COEFFICIENT DE PORTANCE C_z $R_c = 4 \times 10^6$

T.D.

COEFFICIENTS AERODYNAMIQUES EN FONCTION DE L'INCIDENCE

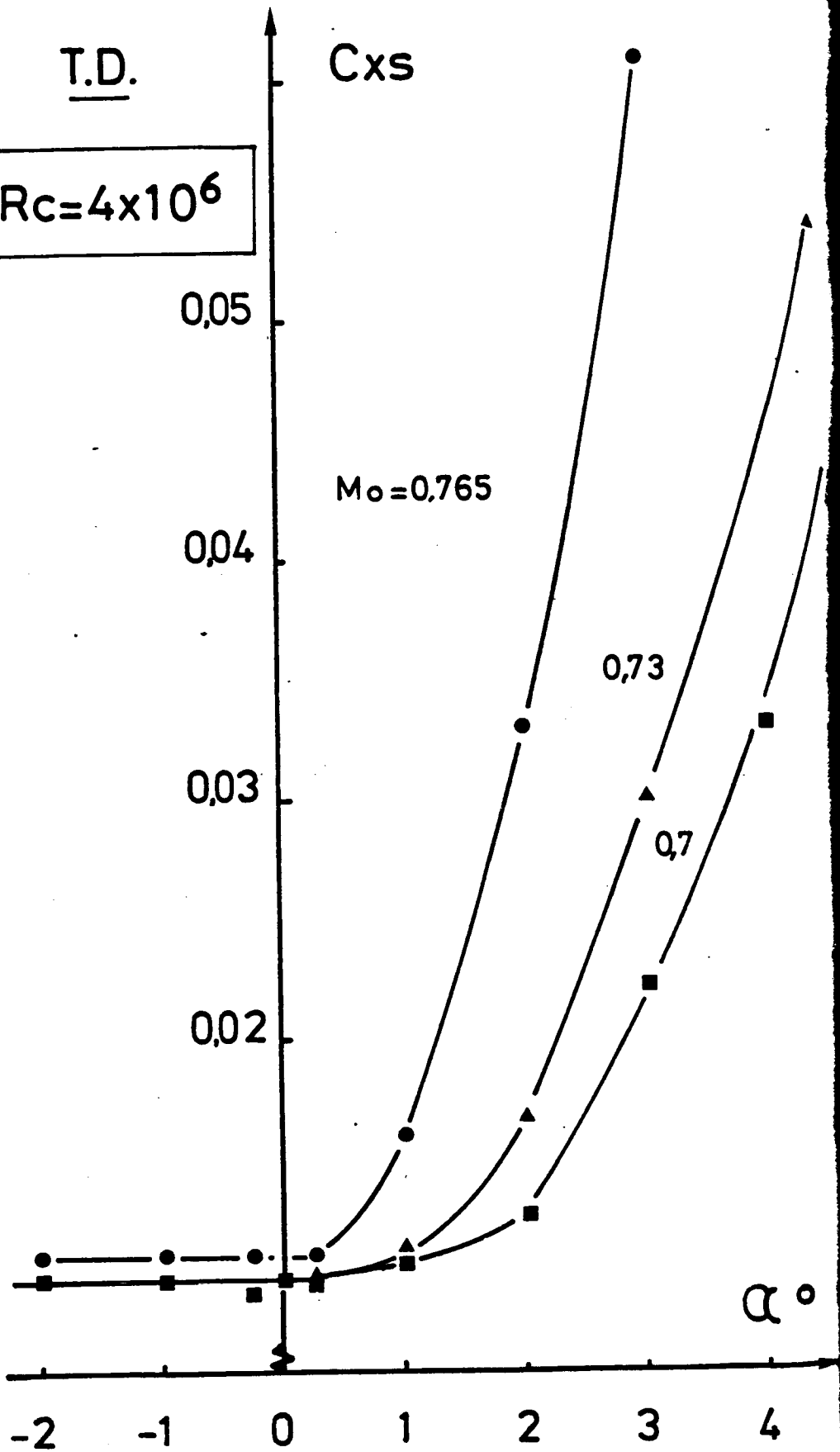
$$R_c = 4. 10^6$$

$C_{x_s} (\alpha)$	PL. 87
$C_z (\alpha)$	PL. 88
$C_m (\alpha)$	PL. 89
Polaire $C_z (C_x)$	PL. 90

T.D.

Cxs

$R_c = 4 \times 10^6$



$M_o = 0.765$

0,73

0,7

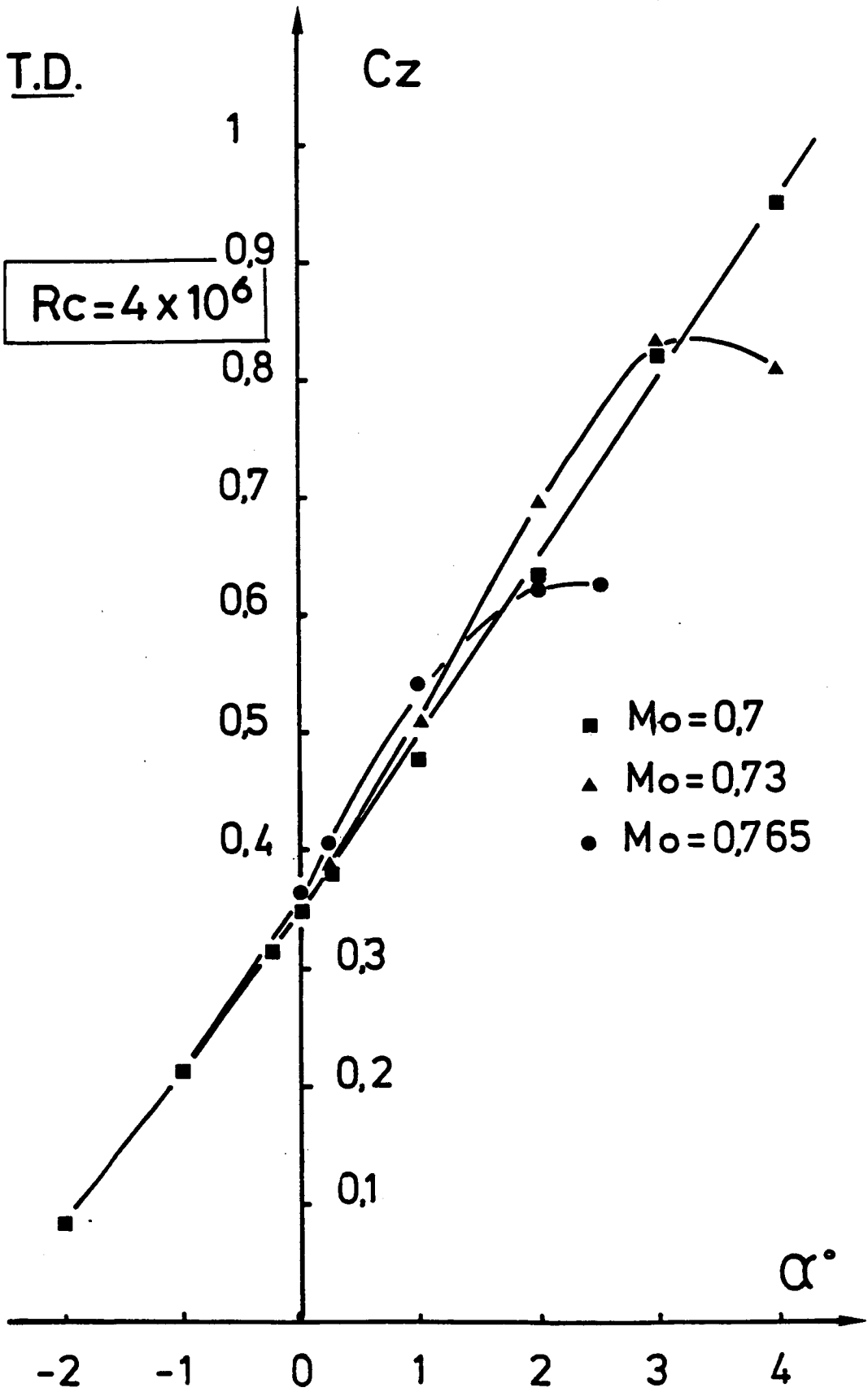
α

-2 -1 0 1 2 3 4

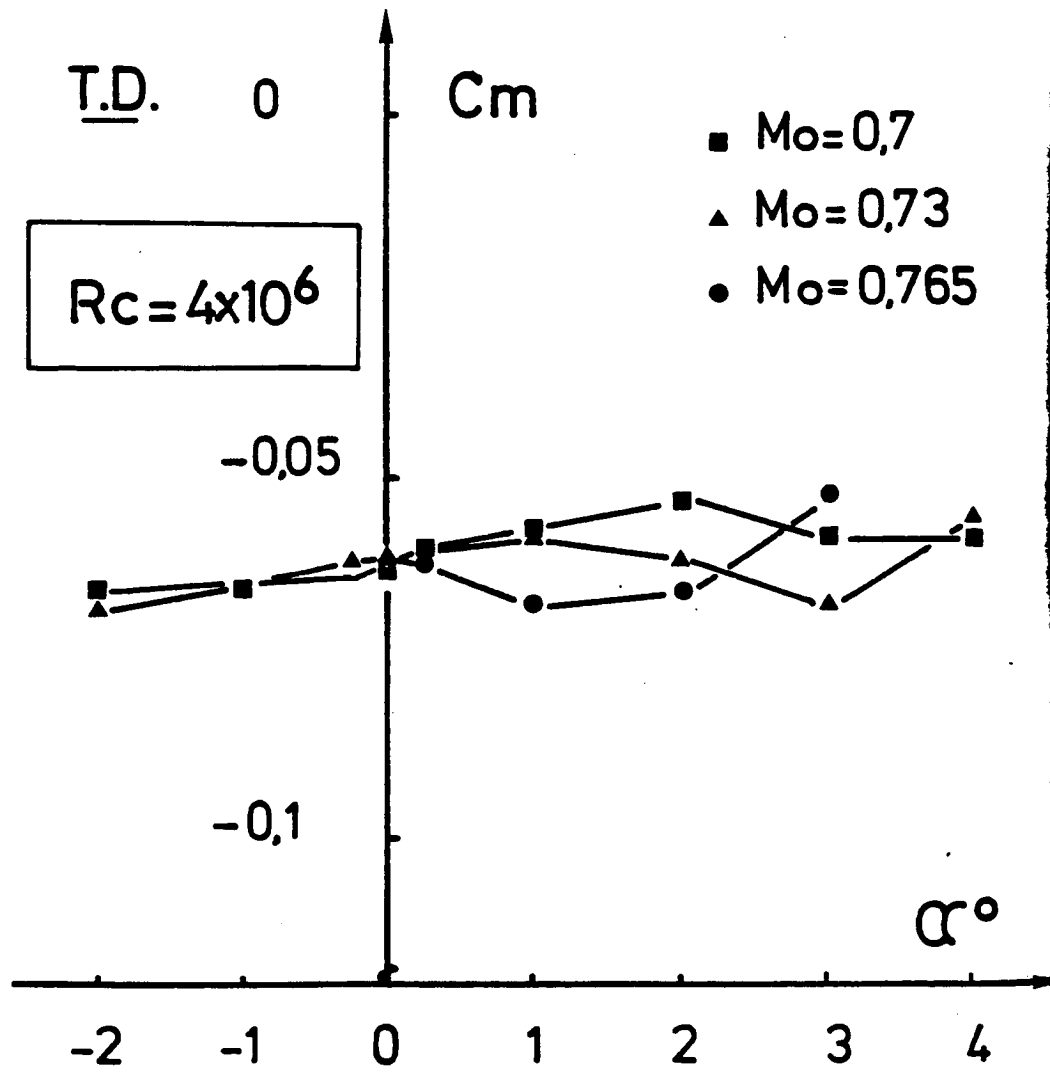
COEFFICIENT DE TRAINEE C_{xs} $R_c = 4 \times 10^6$

T.D.

C_z



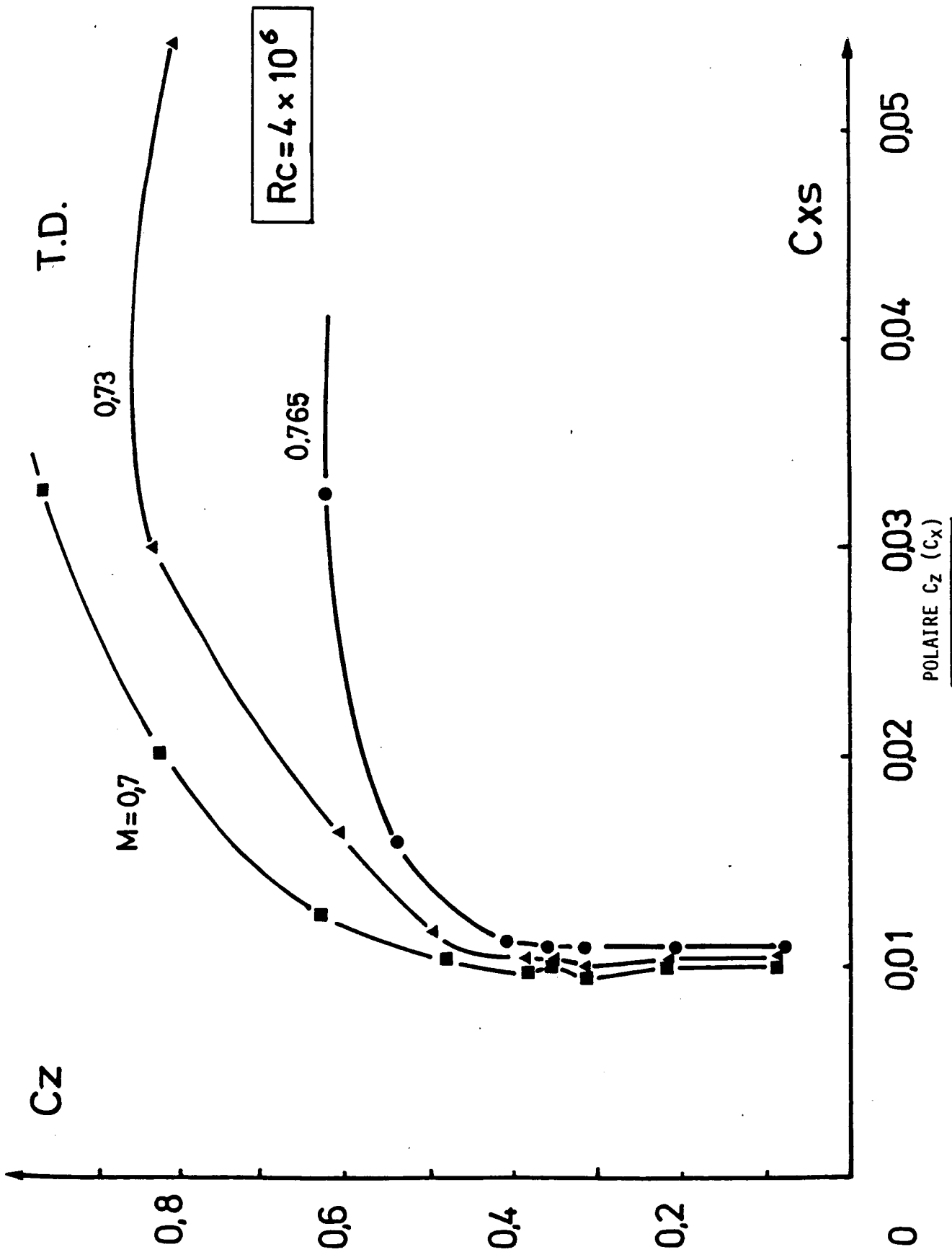
COEFFICIENT DE PORTANCE C_z $R_c = 4 \times 10^6$



$R_c = 4 \times 10^6$

- $Mo=0,7$
- ▲ $Mo=0,73$
- $Mo=0,765$

COEFFICIENT DE MOMENT DE TANGAGE C_m $R_c = 4 \times 10^6$



T.D.

EVOLUTION DES COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE MACH

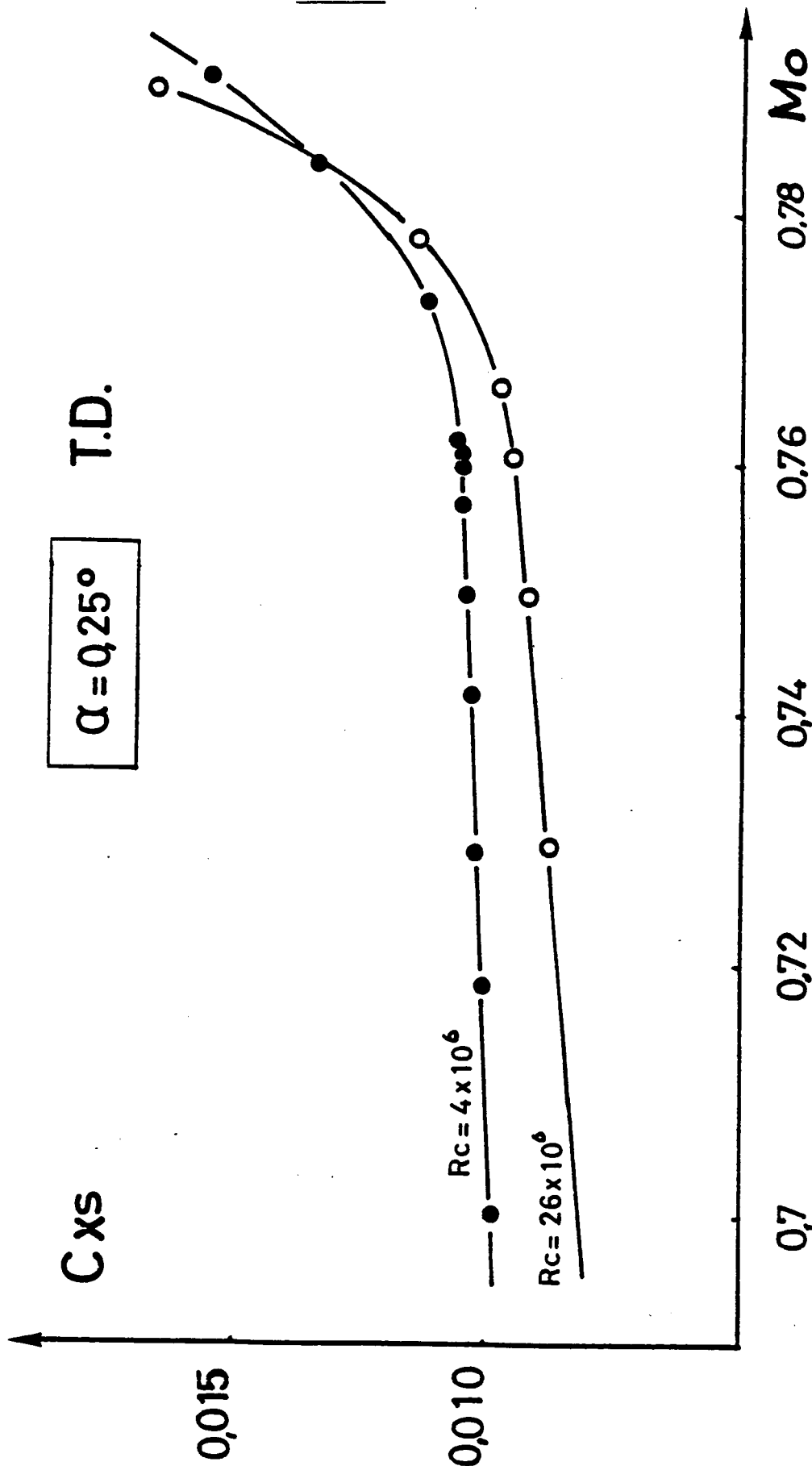
pour $\alpha = + 0,25^\circ$
 $R_c = 4 \cdot 10^6$ et $R_c = 26 \cdot 10^6$

$C_{xs} (M_0)$

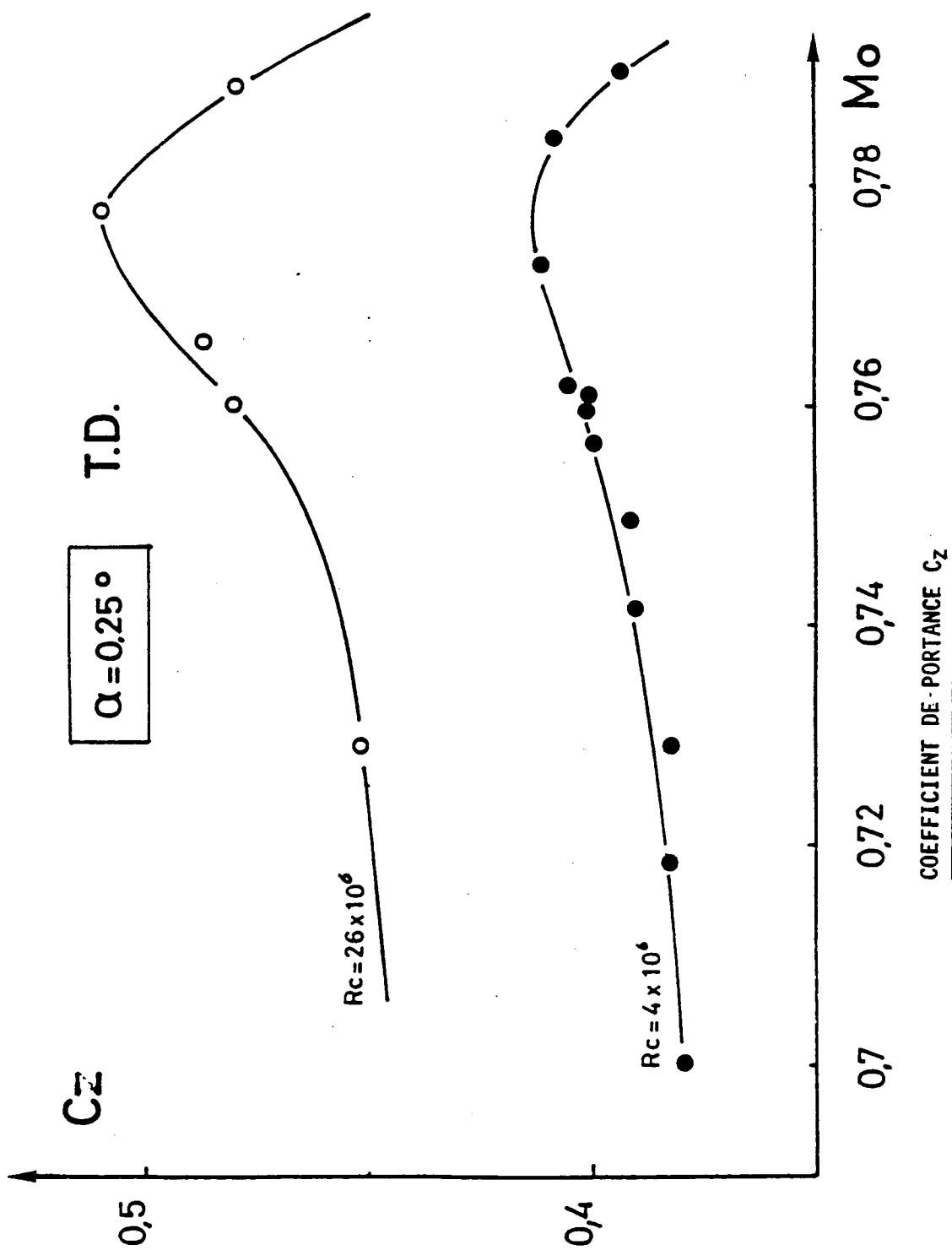
PL. 91

$C_z (M_0)$

PL. 92



COEFFICIENT OF TRANSMISSION



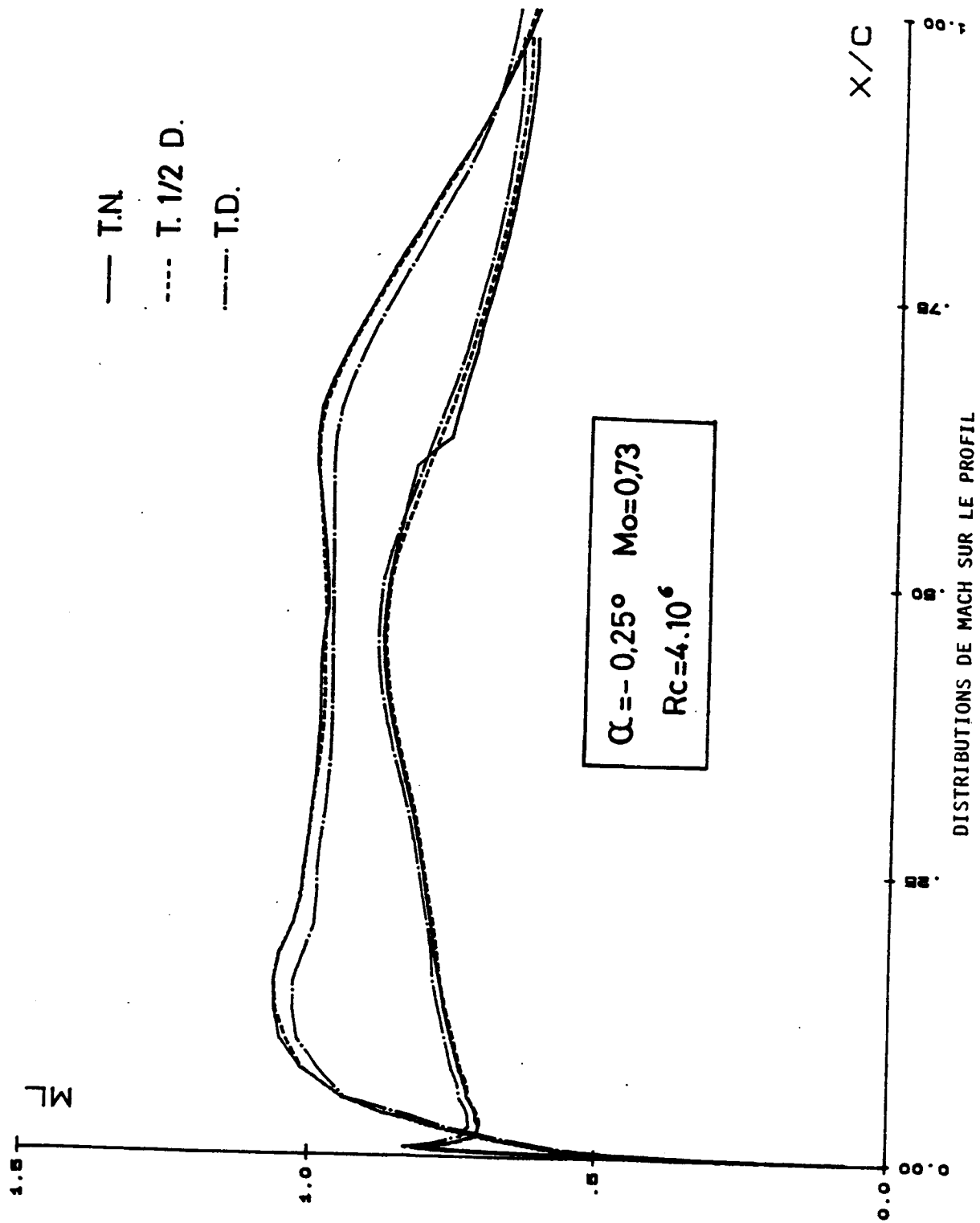
EFFETS
DU NOMBRE DE REYNOLDS
COMPARATIVEMENT
T.N. T.1/2D. T.D.

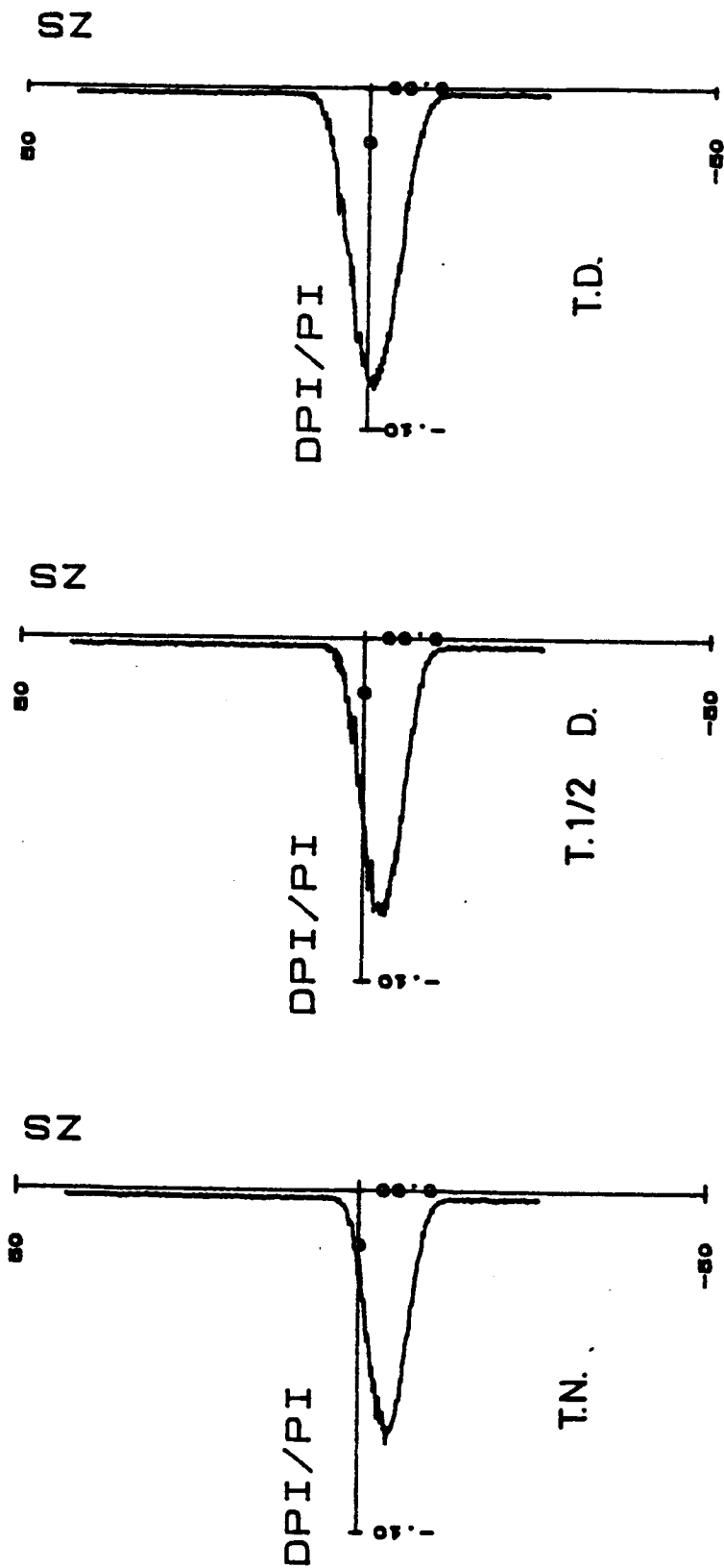
PLANCHES 93 à 122

COMPARAISONS T.N. - T. 1/2 D. - T.D.

DISTRIBUTIONS DE MACH ET DE SILLAGES

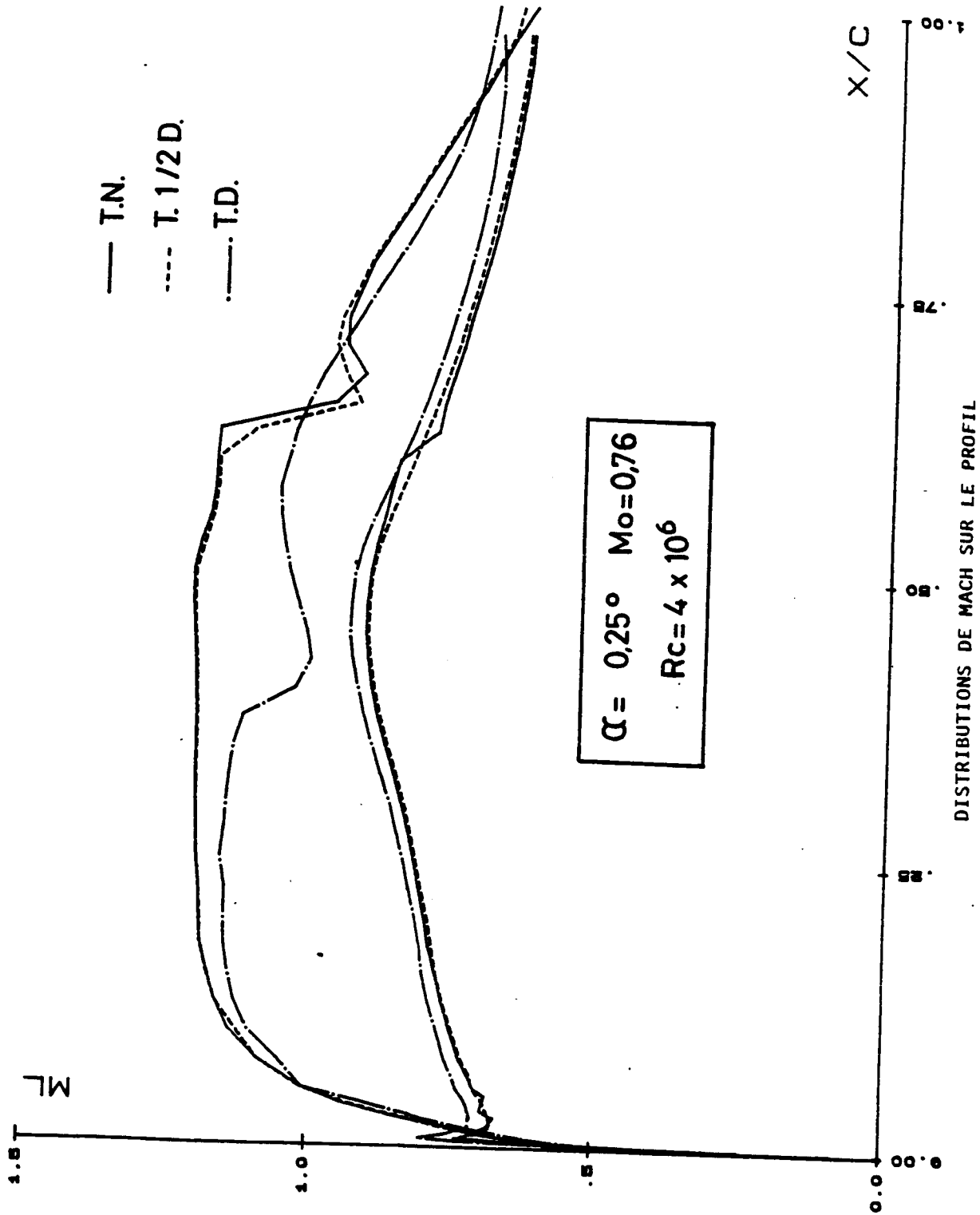
$M_o = 0,73$ et $\alpha = - 0,25^\circ$	$R_c = 4. 10^6$	PL. 93 et 94
$M_o = 0,76$ et $\alpha = + 0,25^\circ$	$R_e = 4. 10^6$	PL. 95 et 96
$M_o = 0,76$ et $\alpha = + 0,25^\circ$	$R_c = 7,8 10^6$	PL. 97 et 98
$M_o = 0,76$ et $\alpha = + 0,25^\circ$	$R_c = 13. 10^6$	PL. 99 et 100
$M_o = 0,765$ et $\alpha = + 0,25^\circ$	$R_c = 25.10^6$	PL. 101

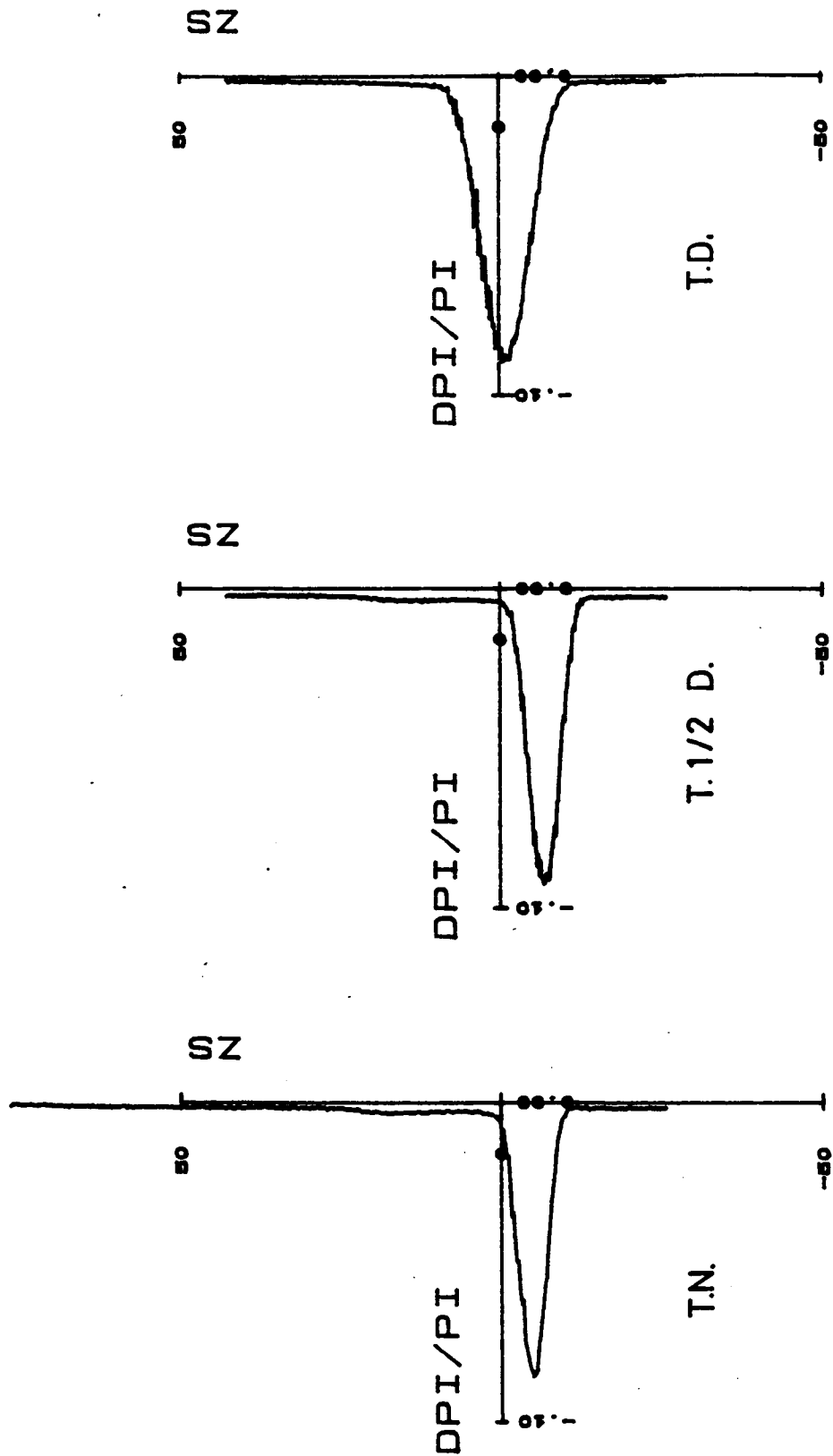




$M_o = 0.73$ $\alpha = -0.25^\circ$ $R_c = 4 \times 10^6$

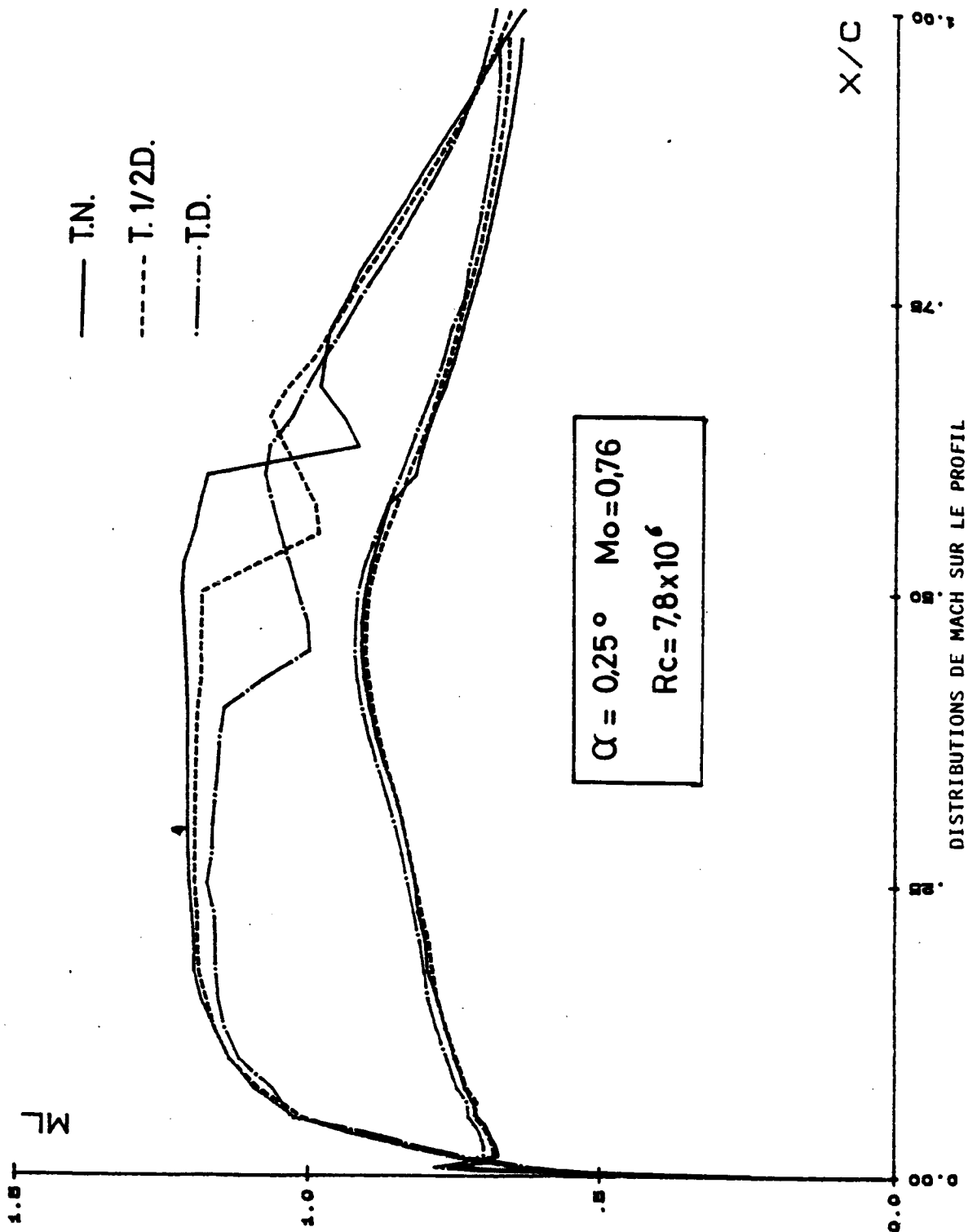
SONDAGES DES SILLAGES

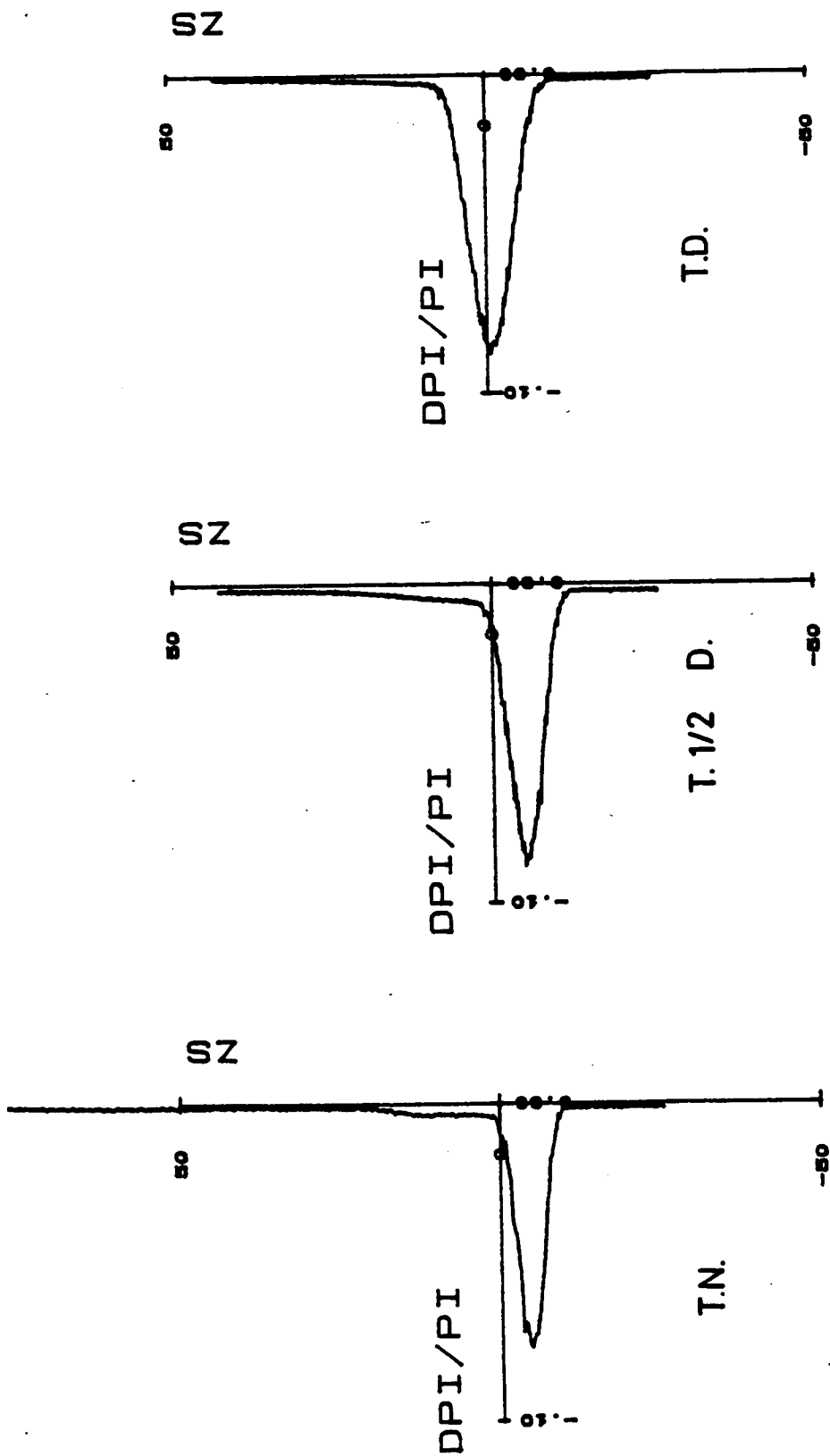




$M_0=0.76$ $\alpha=0,25^\circ$ $R_c=4 \times 10^6$

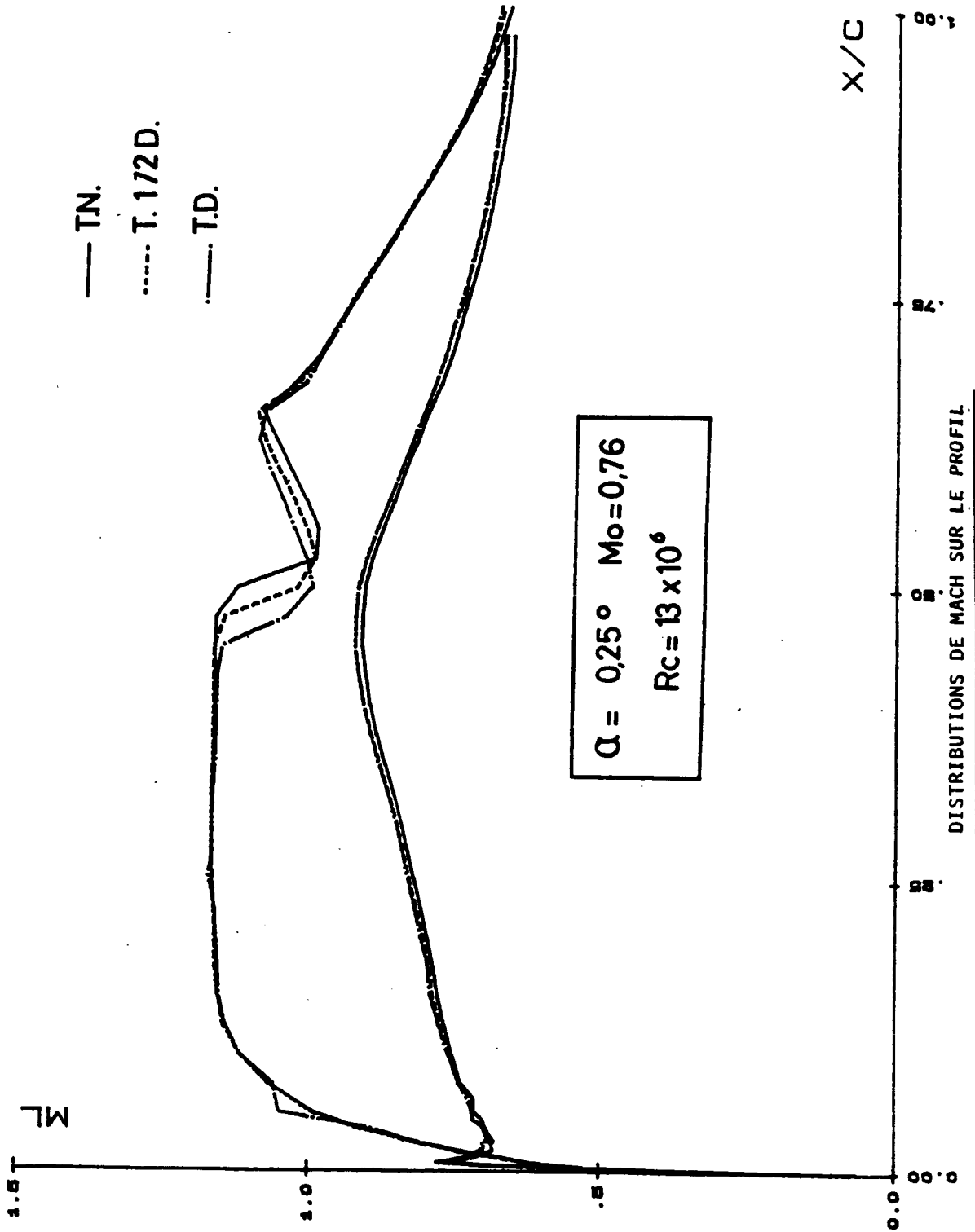
SONDAGES DES SILLAGES

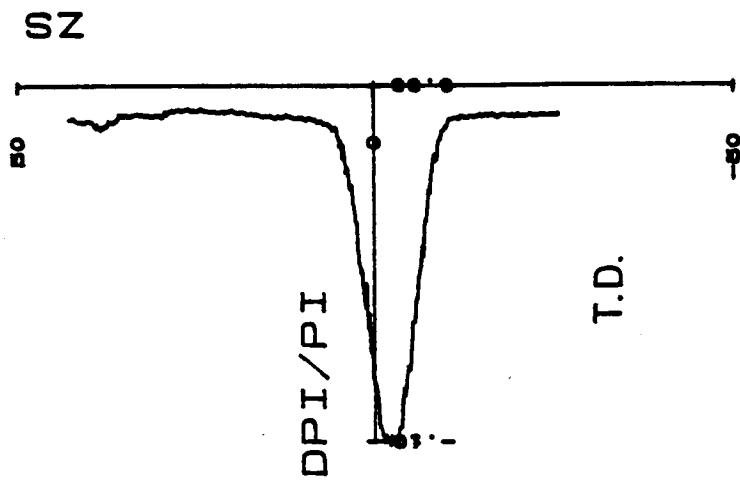
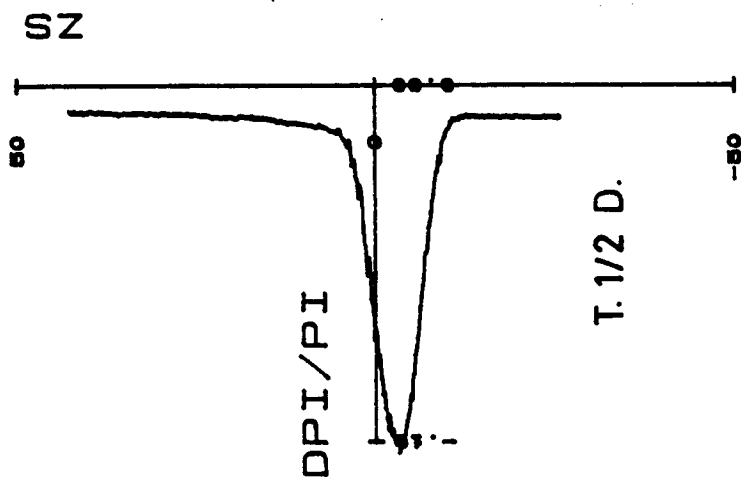
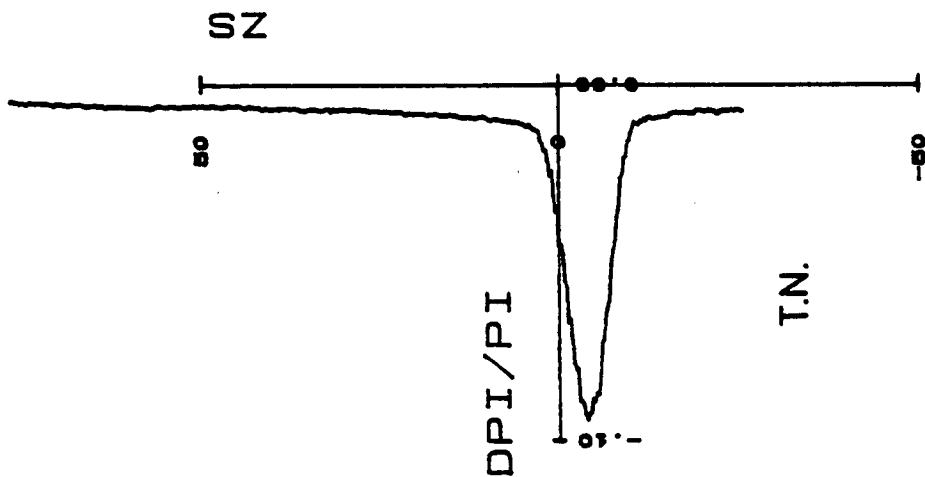




$M_0 = 0.76$ $\alpha = 0.25^\circ$ $R_c = 7.8 \times 10^6$

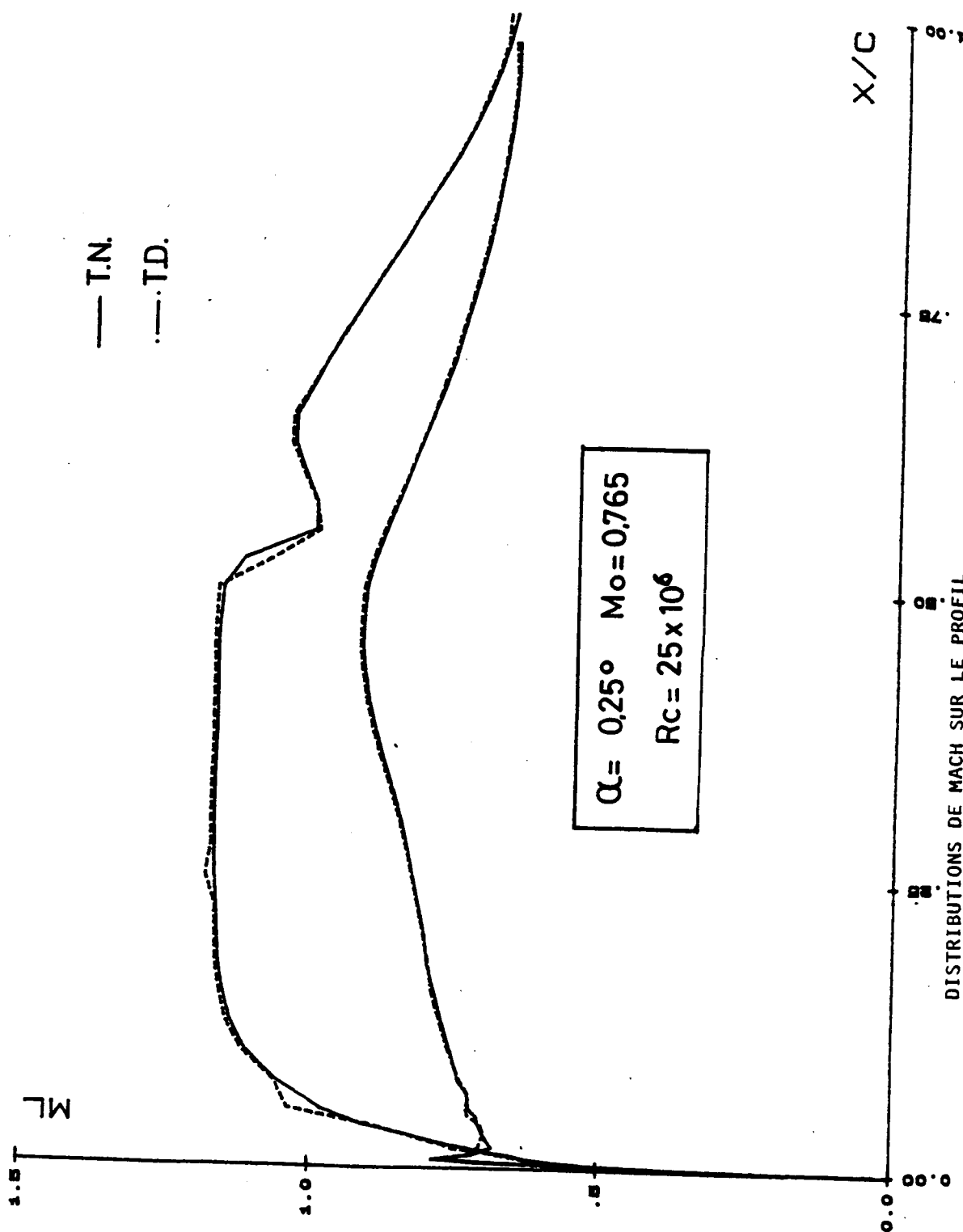
SONDAGES DES SILLAGES





$M_0 = 0.76$ $\alpha = 0,25^\circ$ $R_c = 13 \times 10^6$

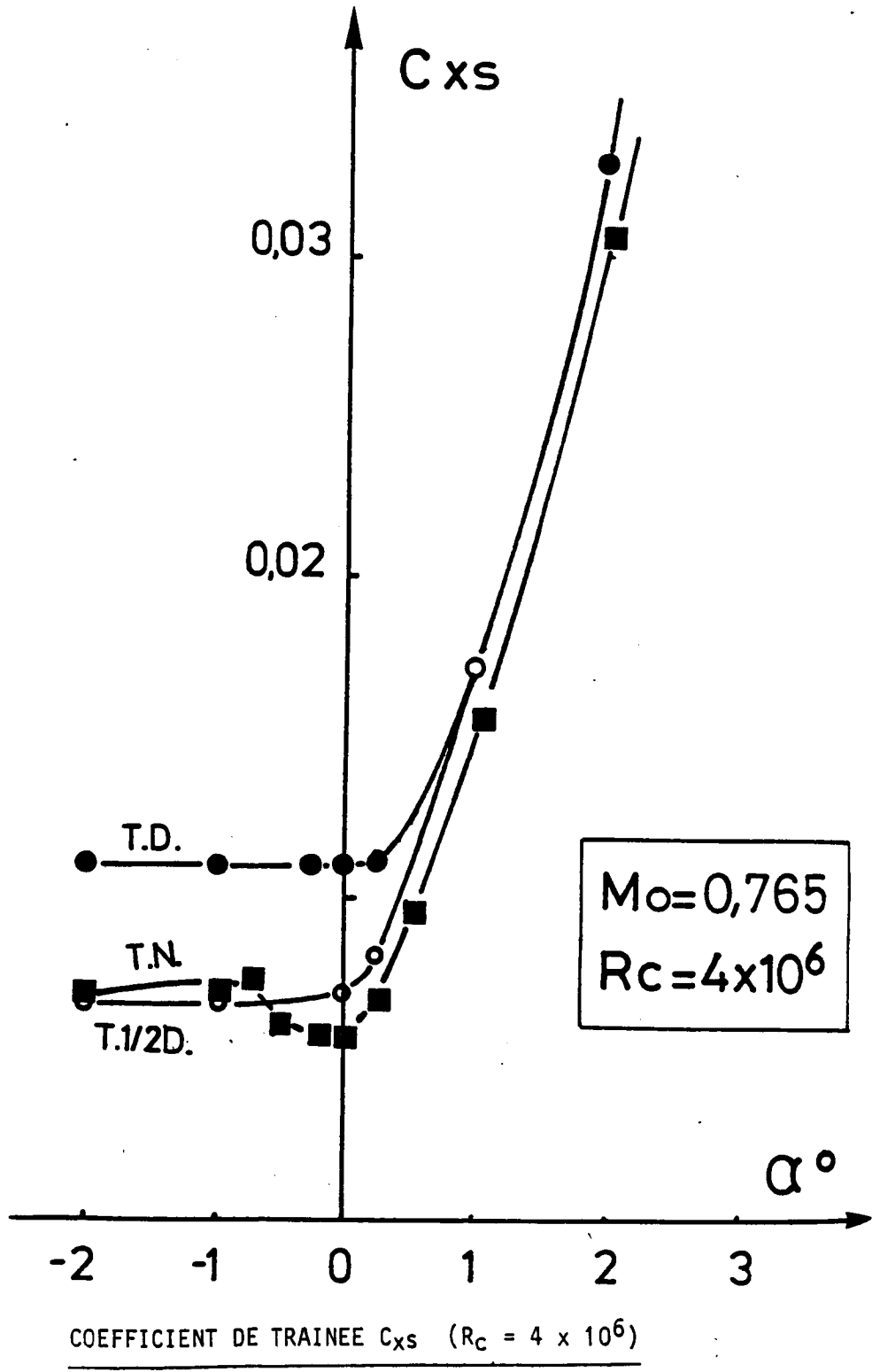
SONDAGES DES SILLAGES

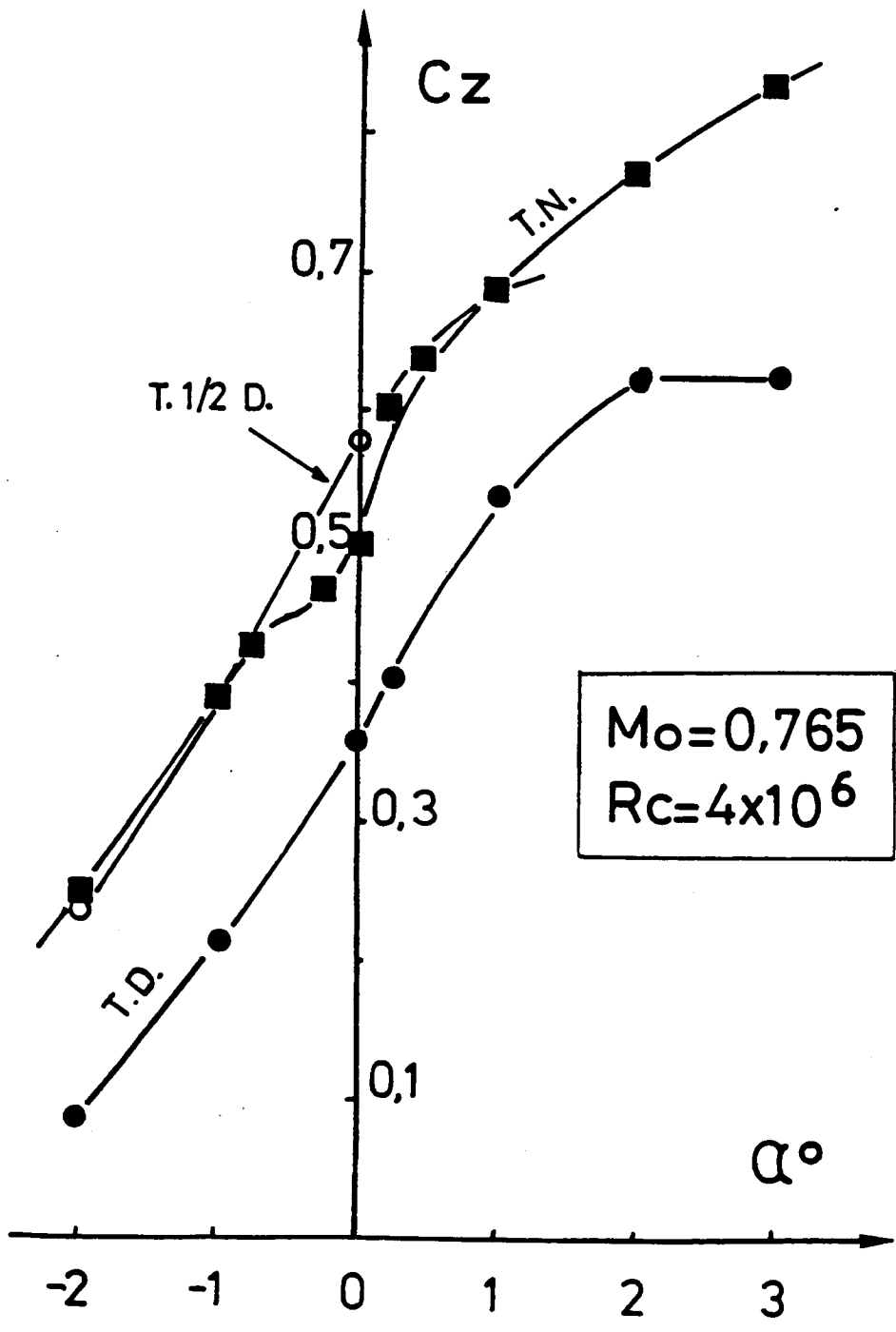


COMPARAISONS T.N. - T. 1/2 D. - T.D.

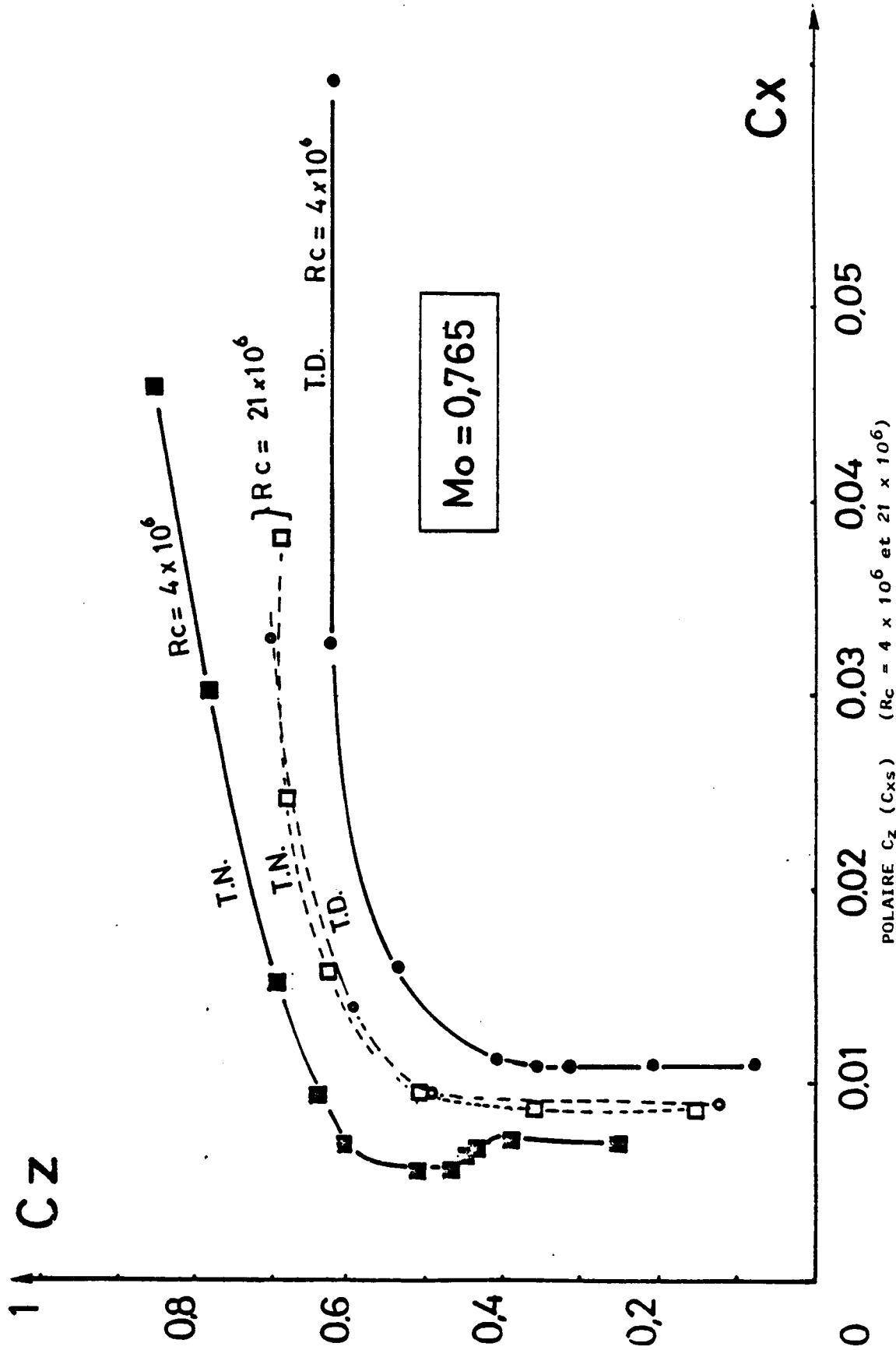
COEFFICIENTS AERODYNAMIQUES

$C_{xs}(\alpha)$ à $R_c = 4 \cdot 10^6$	PL. 102
$C_z(\alpha)$ à $R_c = 4 \cdot 10^6$	PL. 103
Polaire à $R_c = 4 \cdot 10^6$ et $21 \cdot 10^6$	PL. 104





COEFFICIENT DE PORTANCE C_z ($R_c = 4 \times 10^6$)

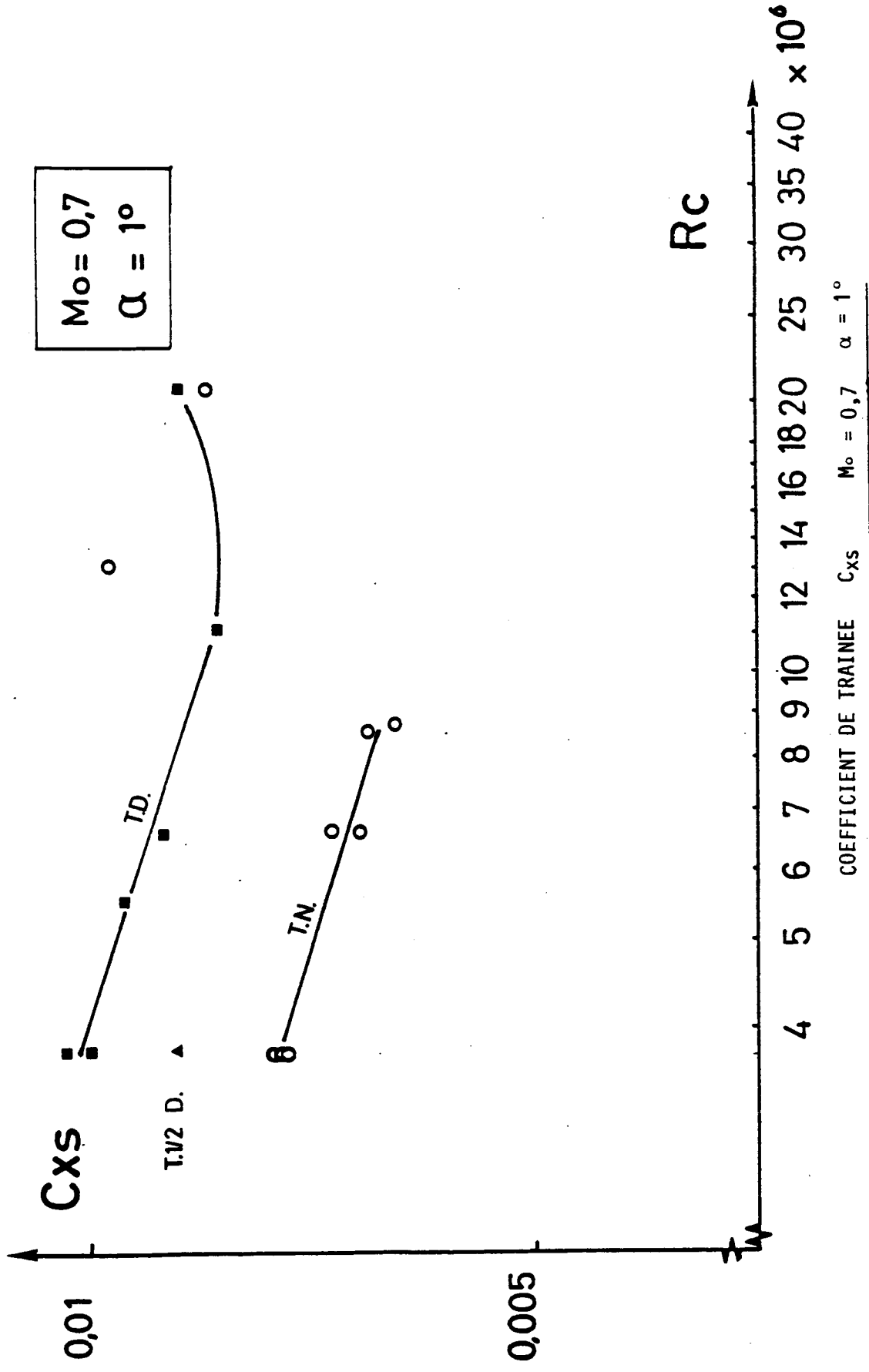


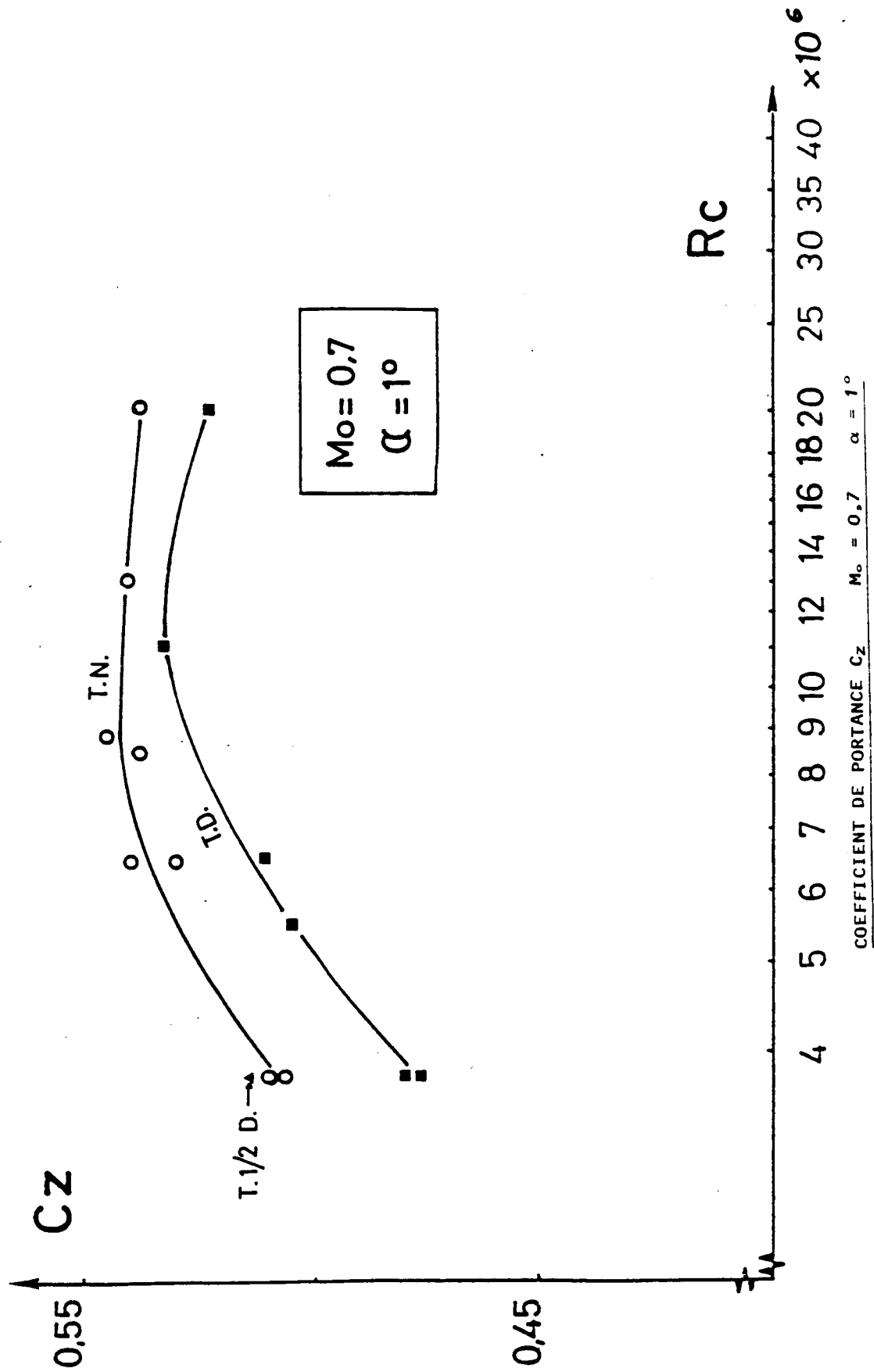
COMPARAISONS T.N. - T. 1.2 D. - T.D.

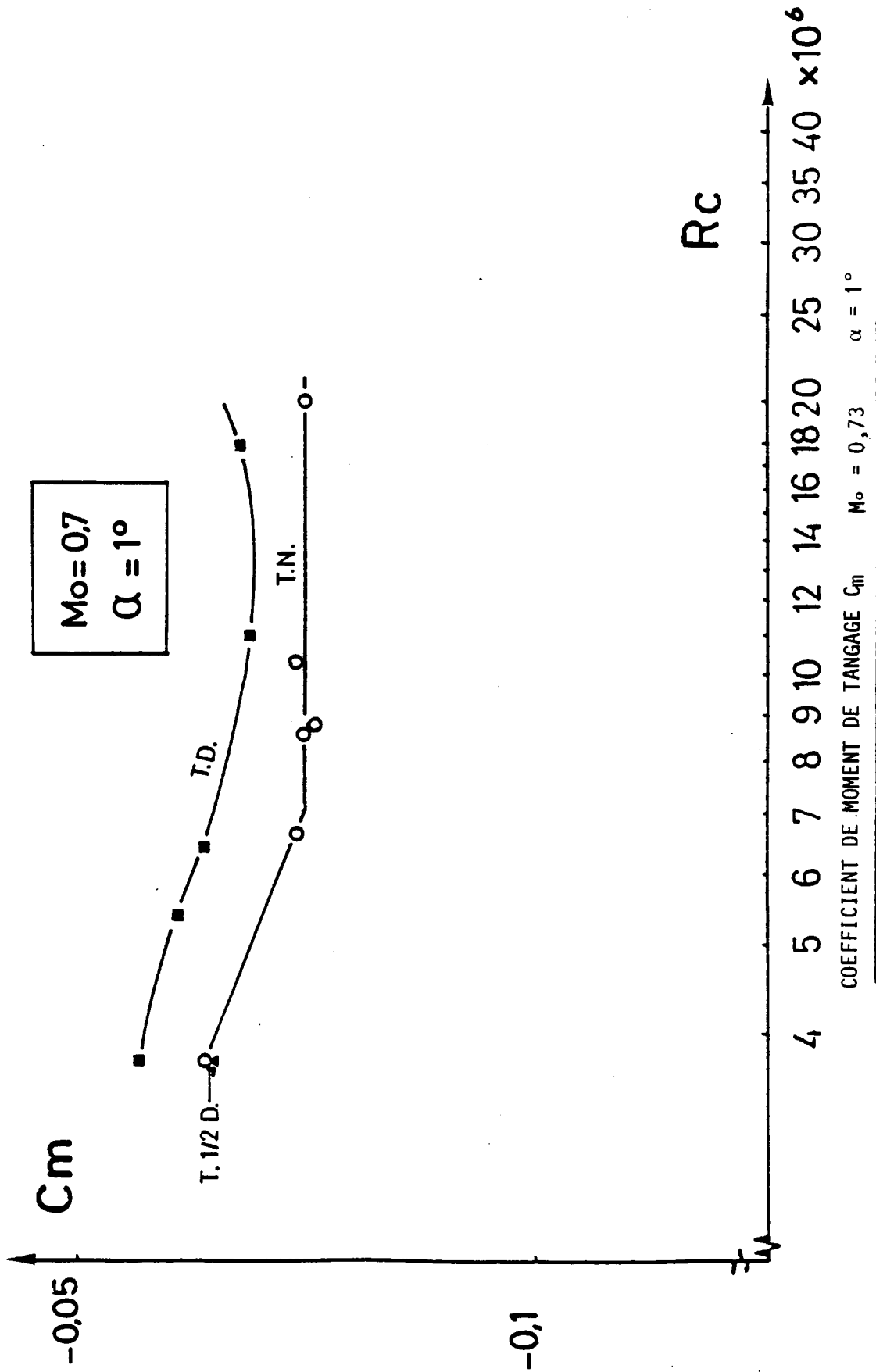
EVOLUTIONS DES COEFFICIENTS AERODYNAMIQUES EN FONCTION DU NOMBRE DE REYNOLDS

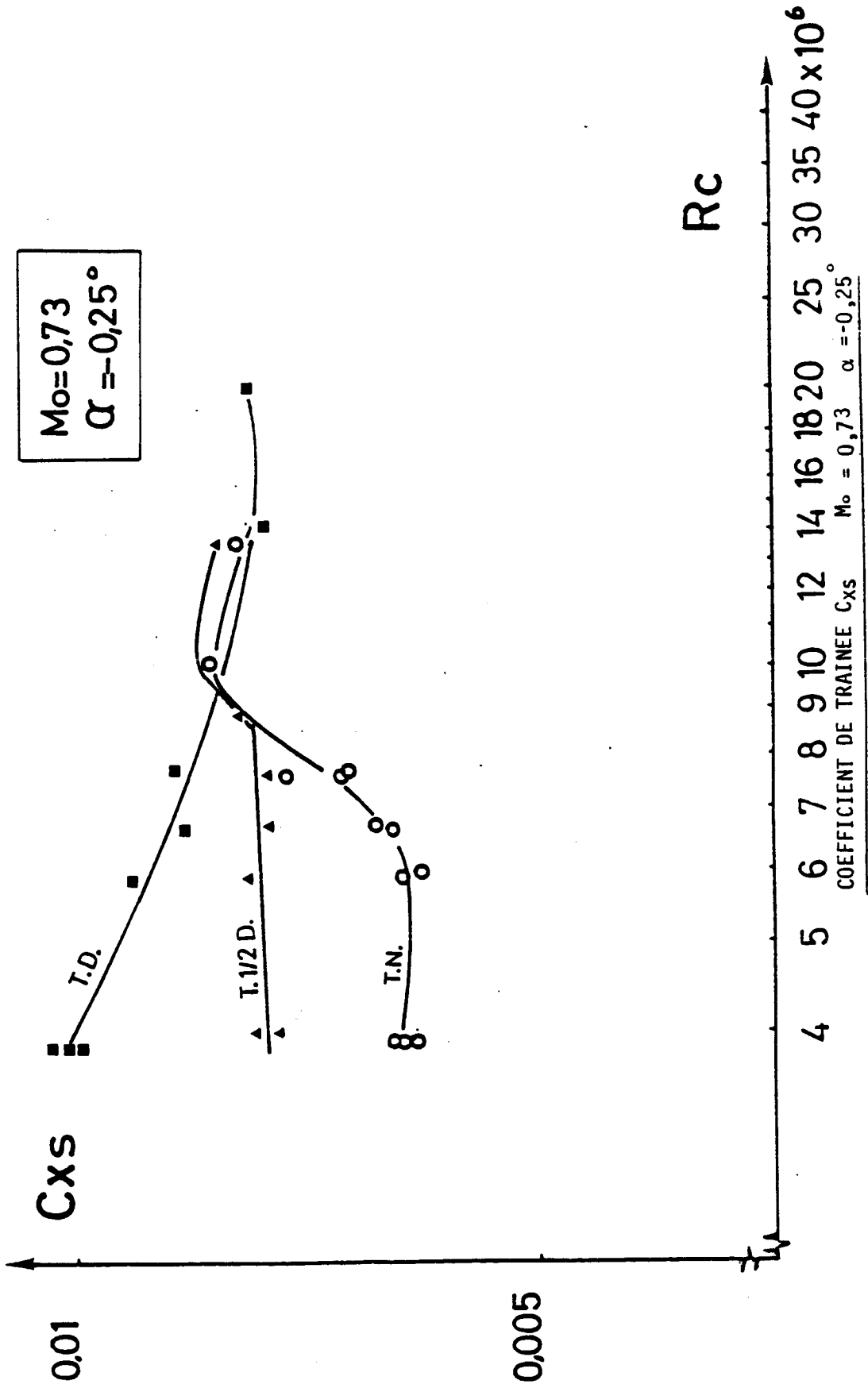
$C_{xs} (R_c)$, $C_z (R_c)$, $C_m (R_c)$

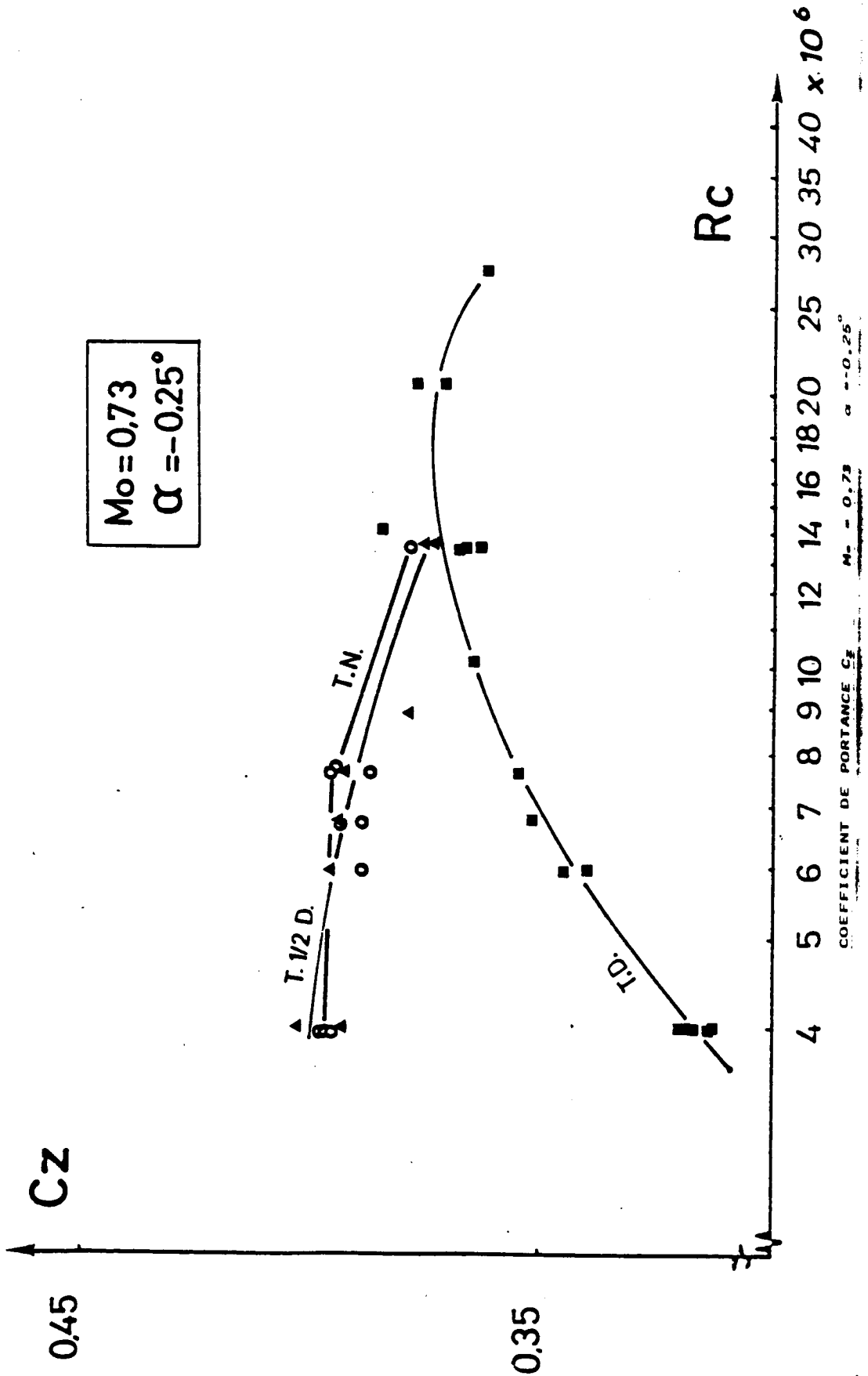
$M_o = 0,7$ et $\alpha = + 1^\circ$	PL. 105 à 107
$M_o = 0,73$ et $\alpha = - 0,25^\circ$	PL. 108 à 110
$M_o = 0,76$ et $\alpha = + 0,25^\circ$	PL. 111 à 113
$M_o = 0,76$ et $\alpha = + 1^\circ$	PL. 114 à 116
$M_o = 0,765$ et $\alpha = - 2^\circ$	PL. 117 à 119
$M_o = 0,765$ et $\alpha = + 2^\circ$	PL. 120 à 122

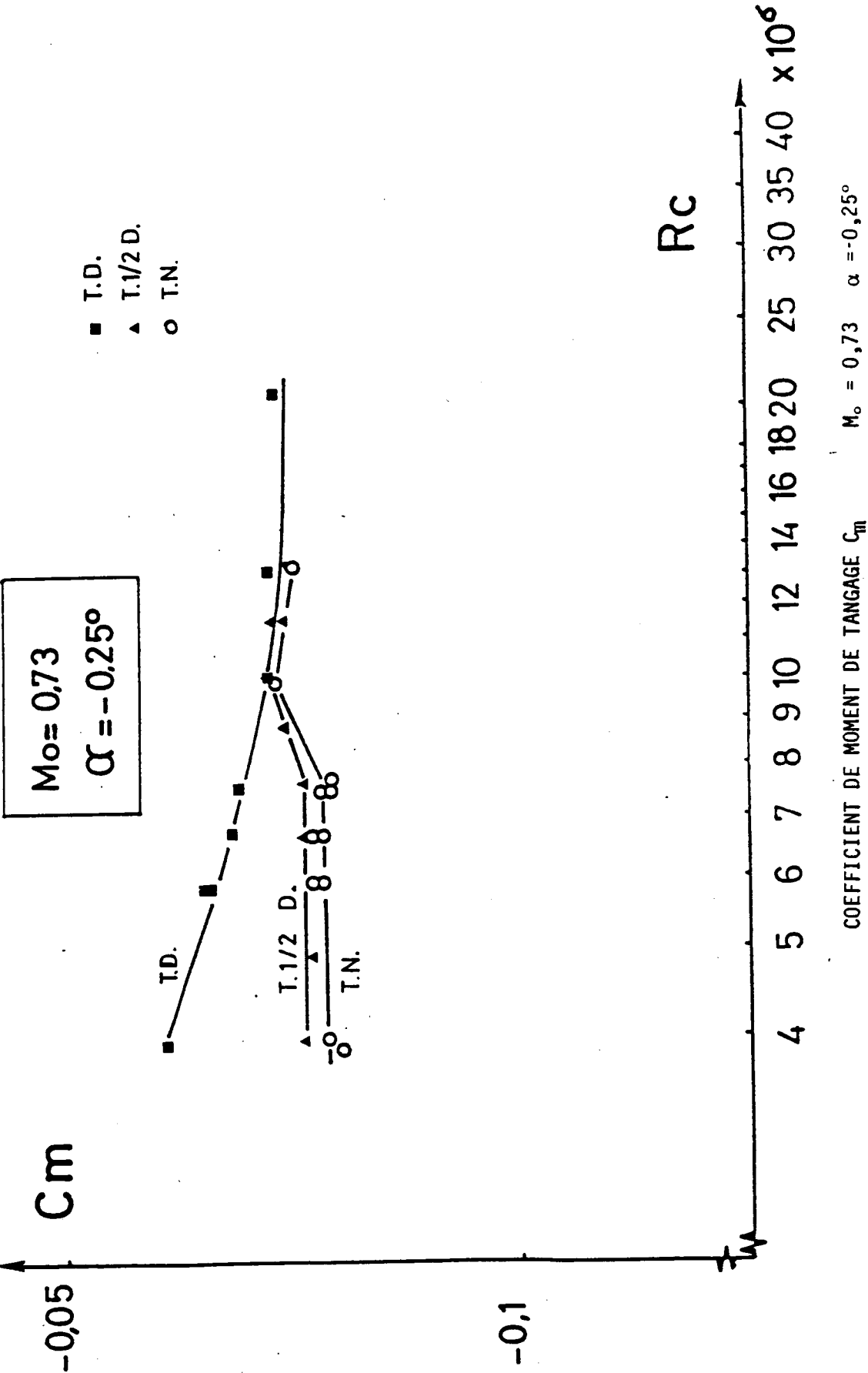


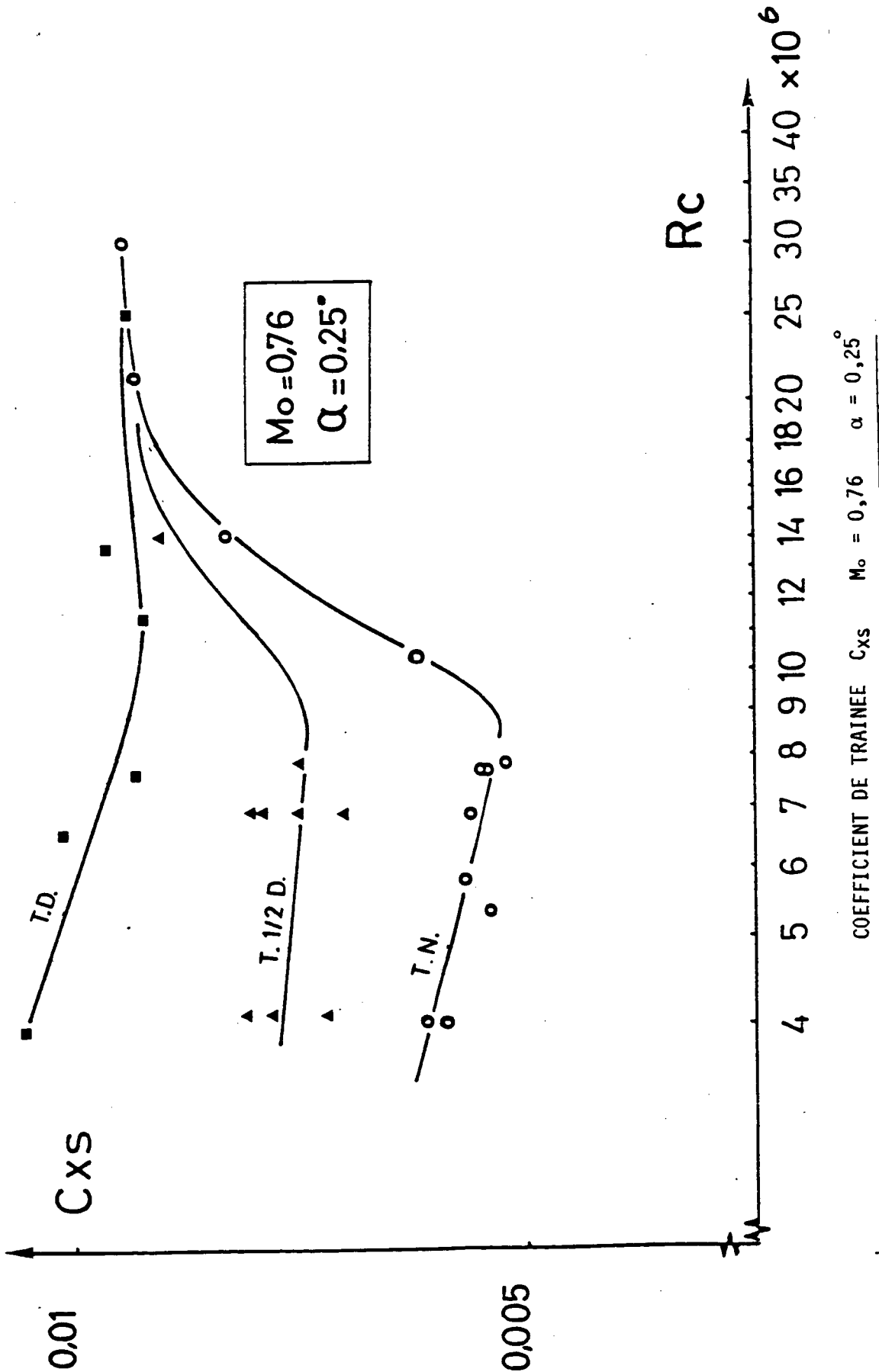




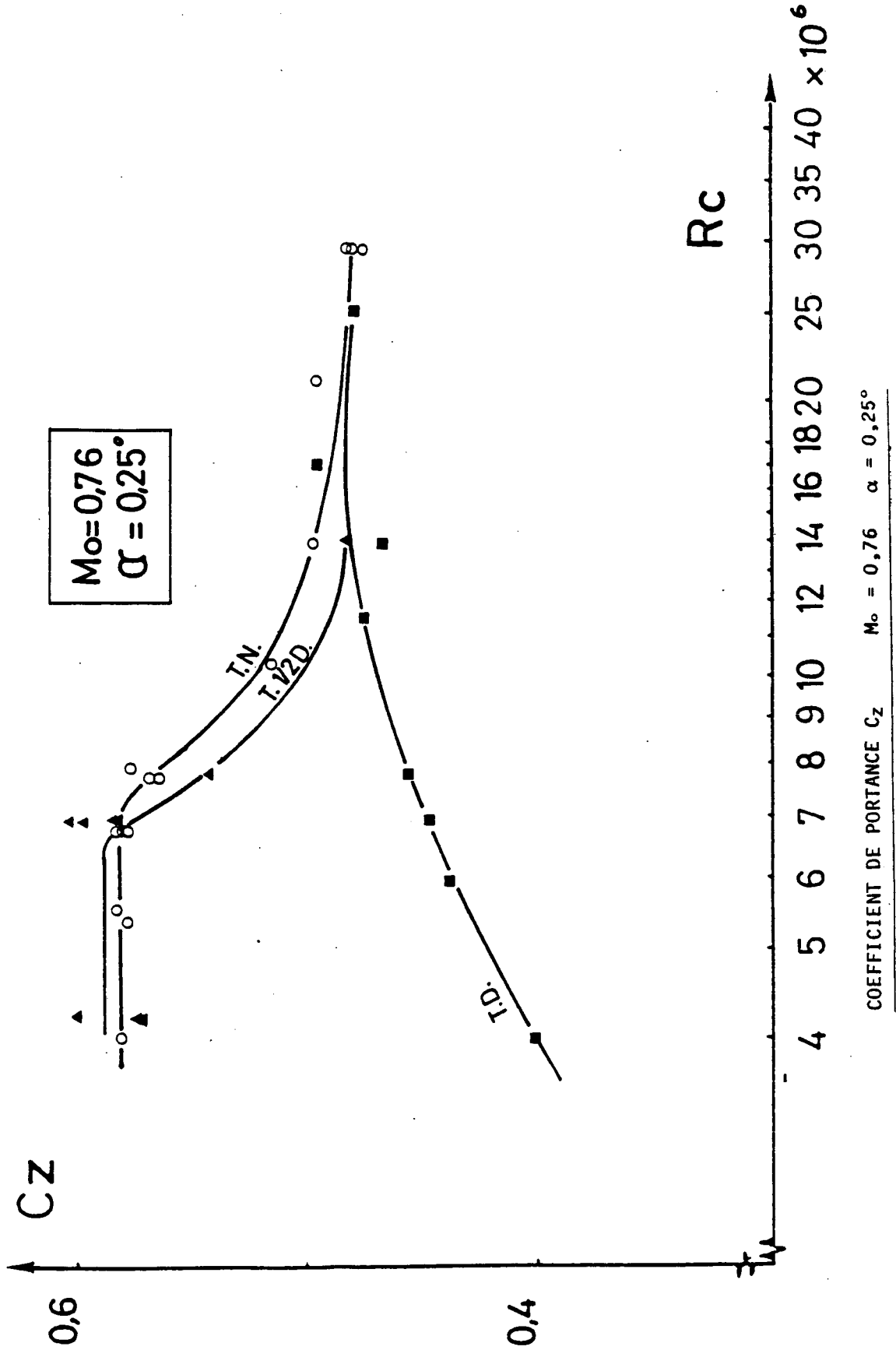






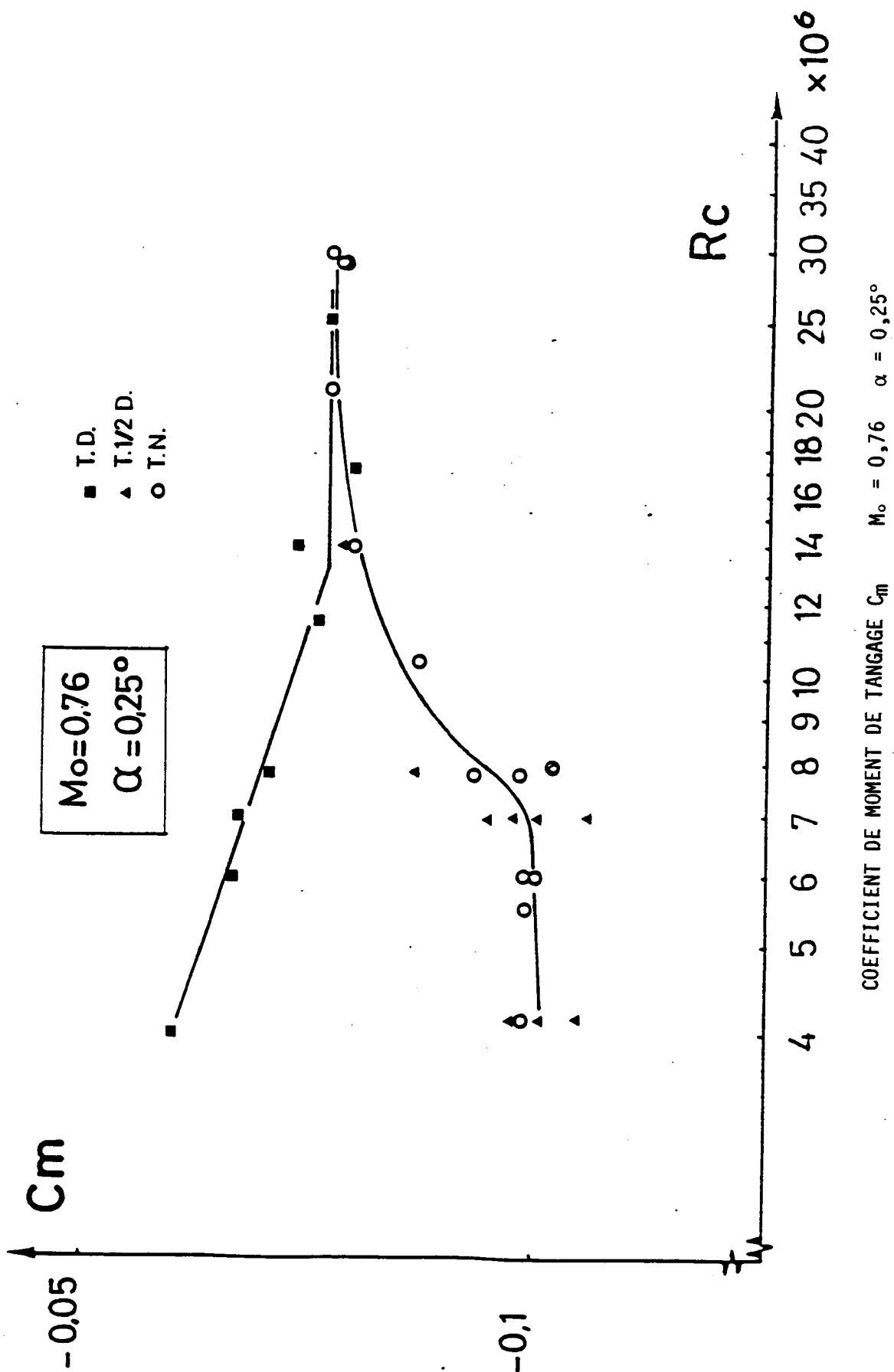


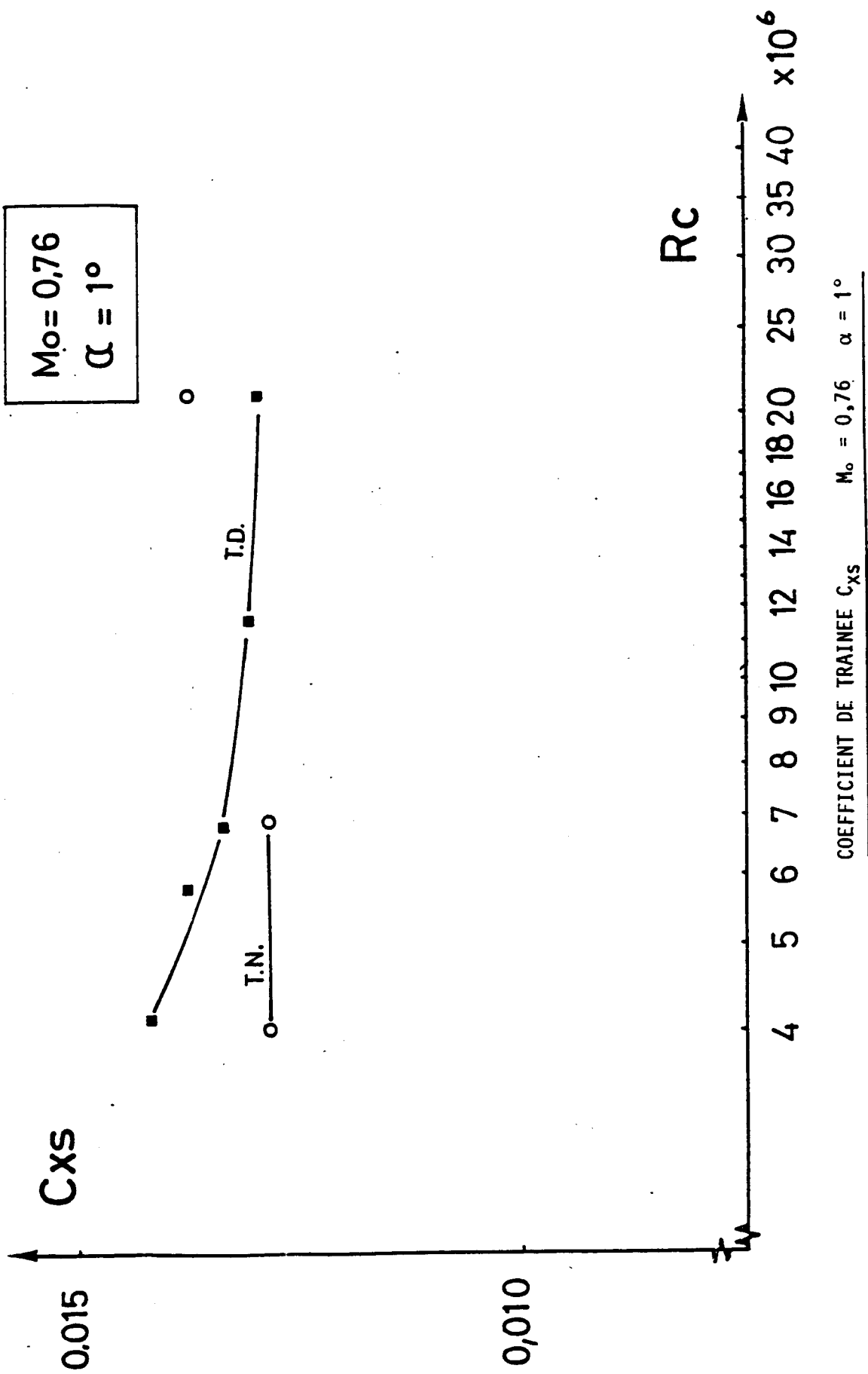
COEFFICIENT DE TRAINEE C_{xS} $M_0 = 0,76$ $\alpha = 0,25^\circ$

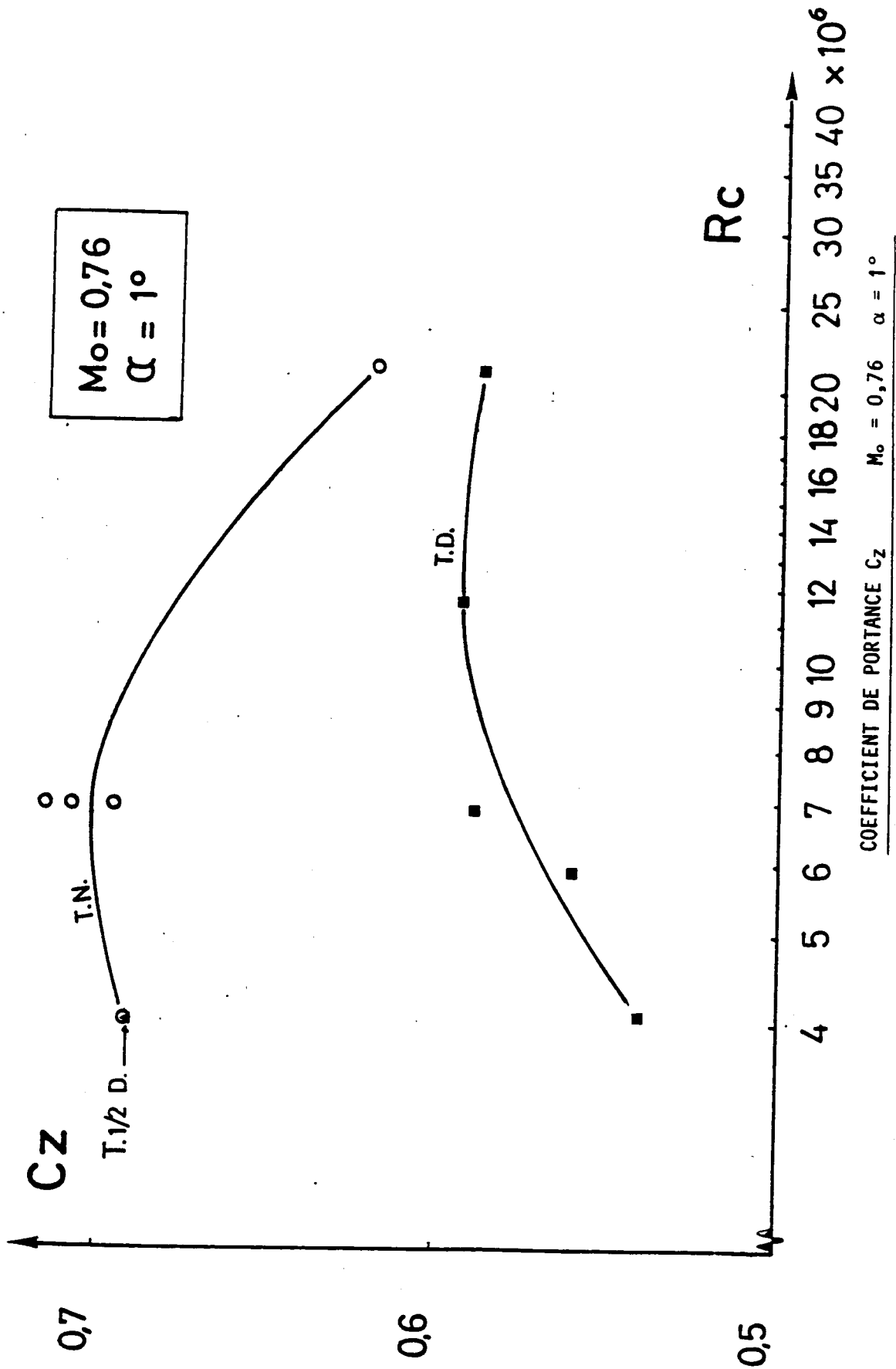


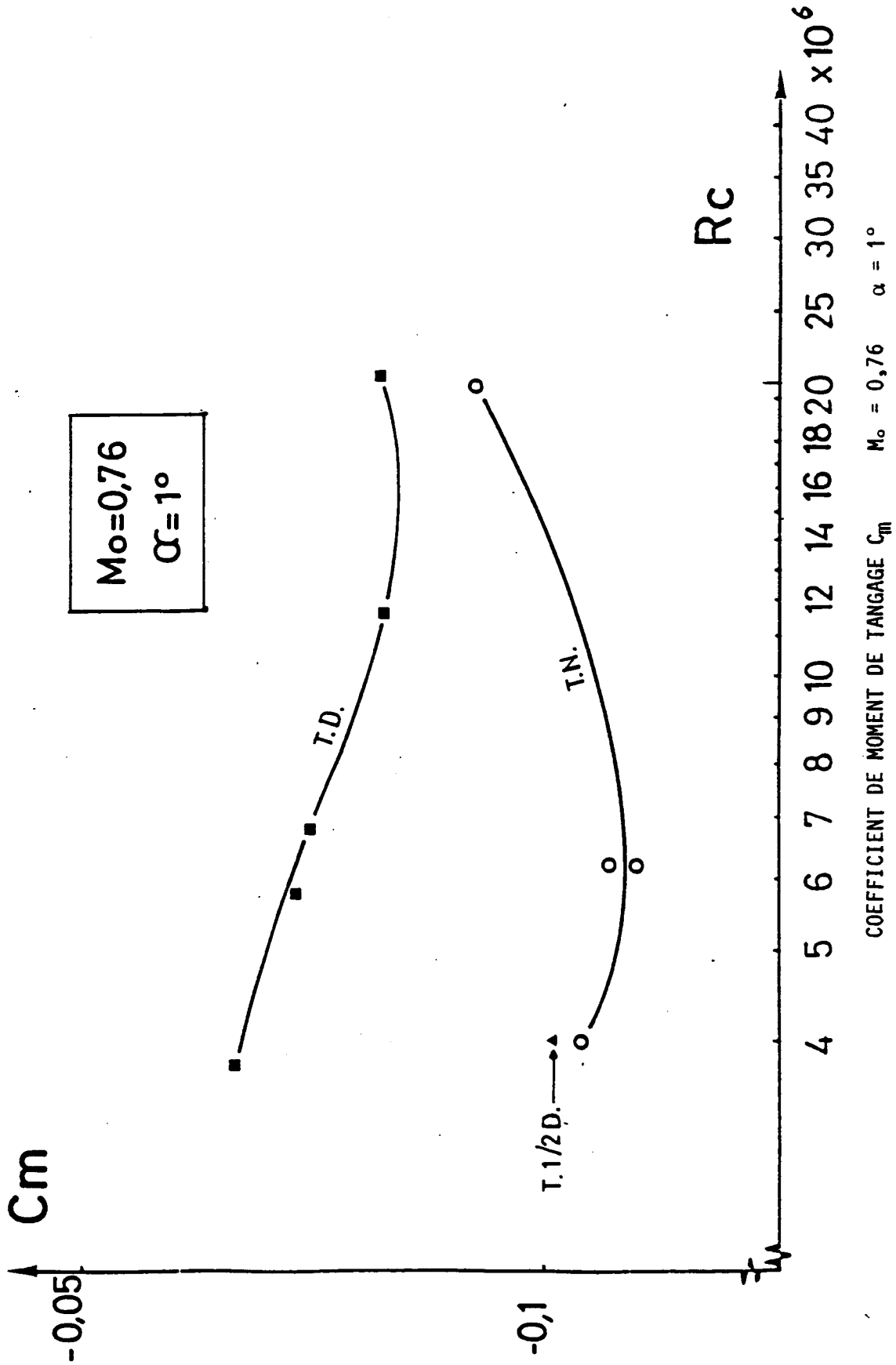
$M_0 = 0.76$
 $\alpha = 0.25^\circ$

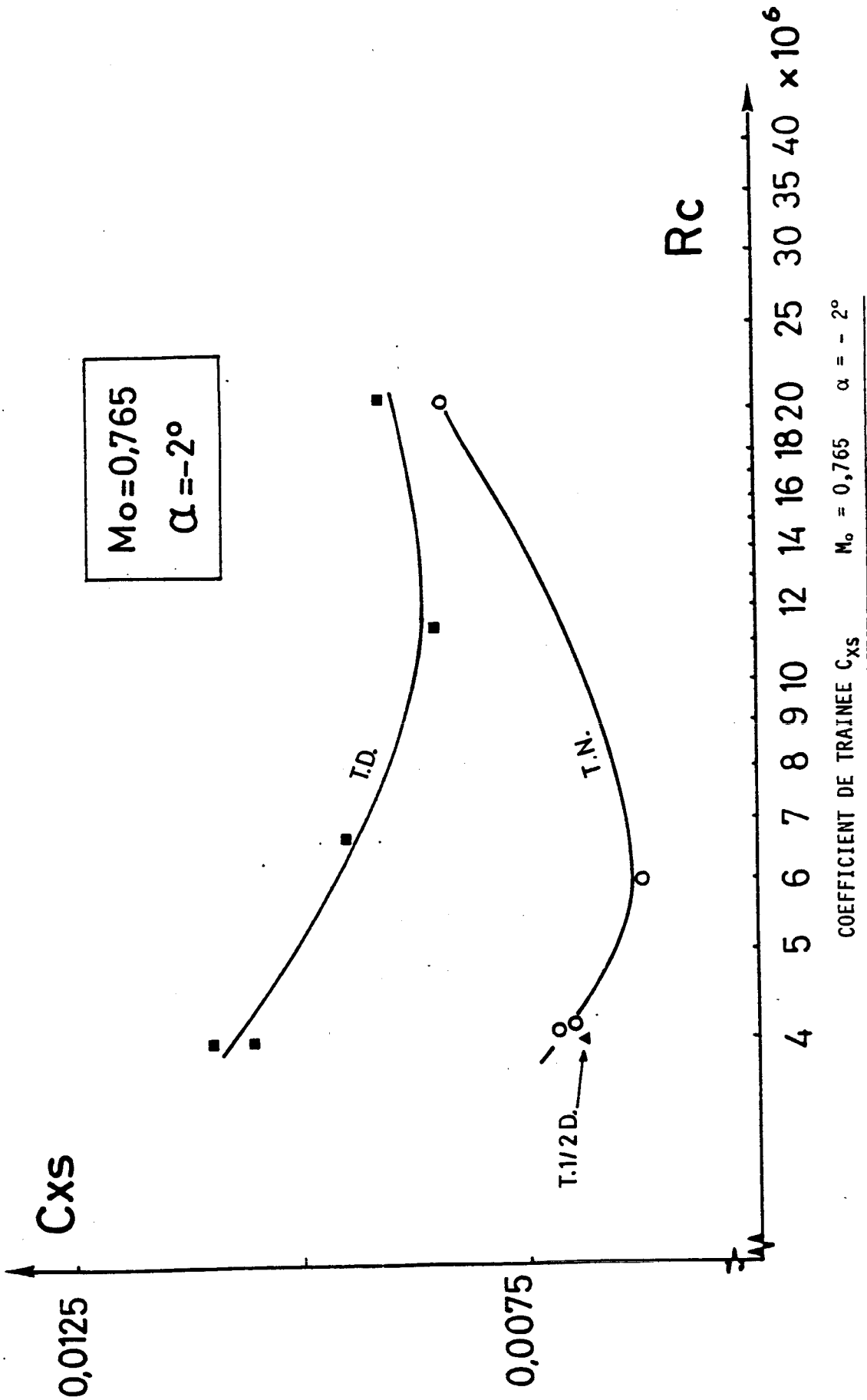
COEFFICIENT DE PORTANCE C_z $M_0 = 0.76$ $\alpha = 0.25^\circ$

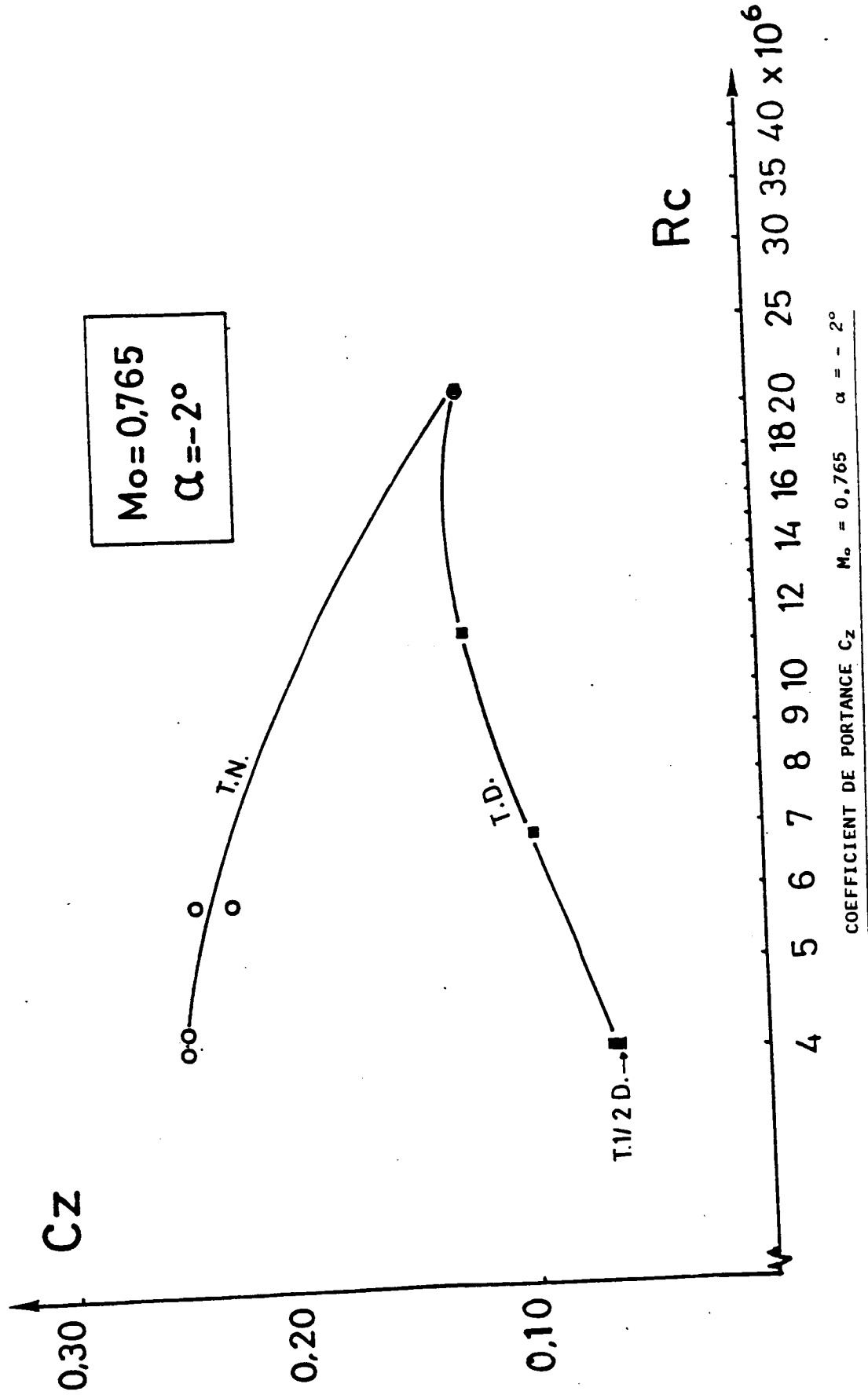


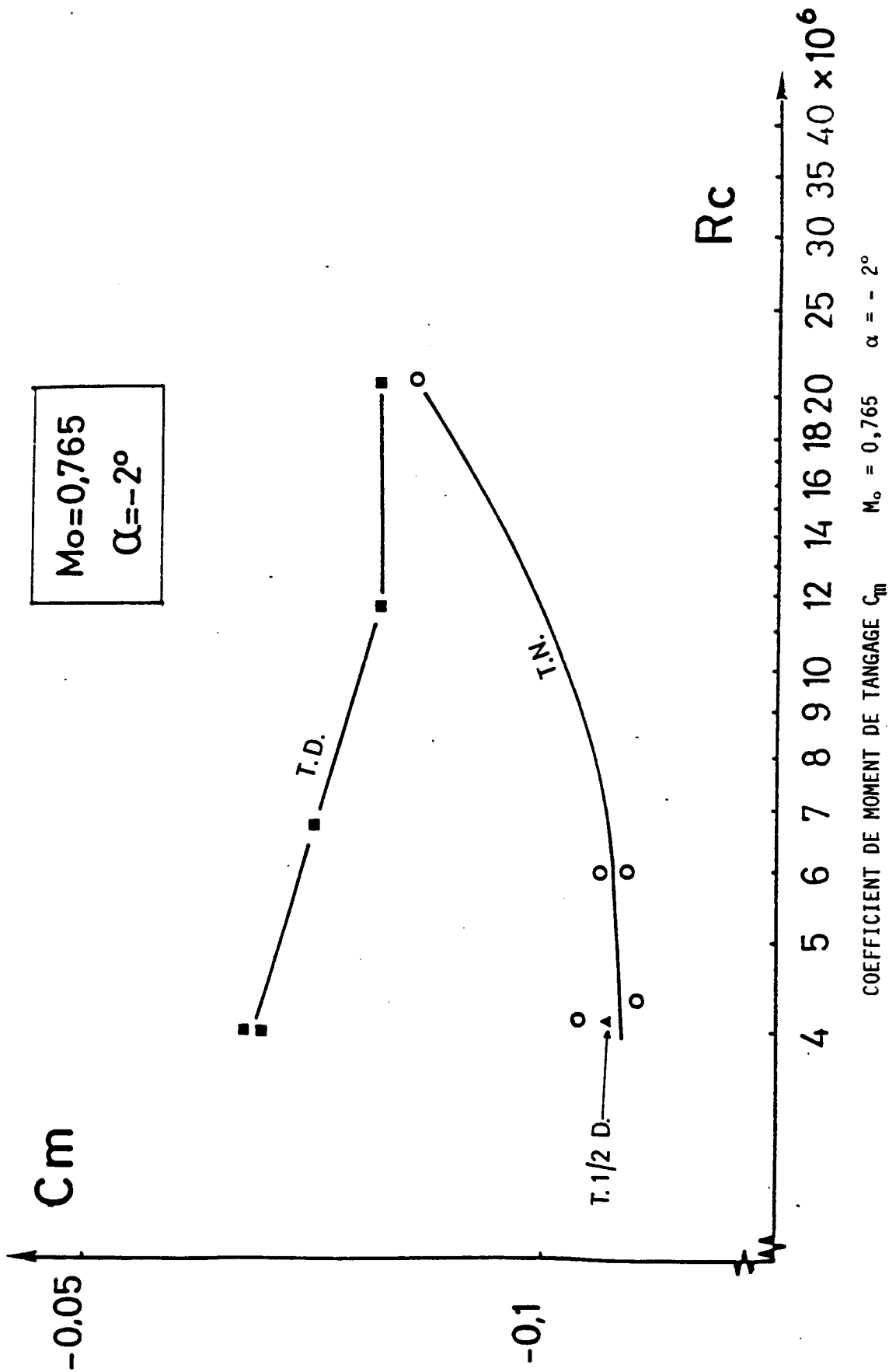




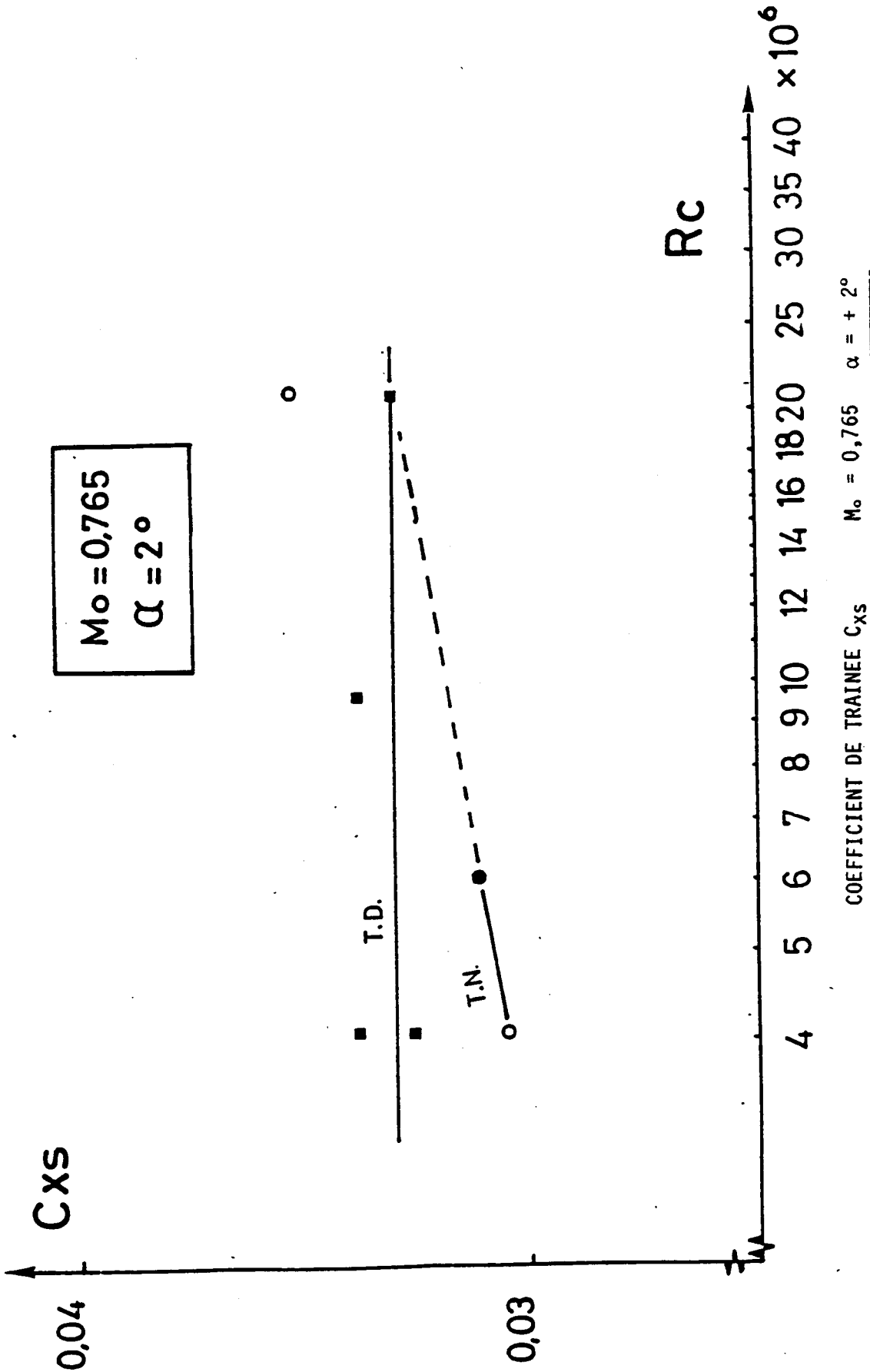


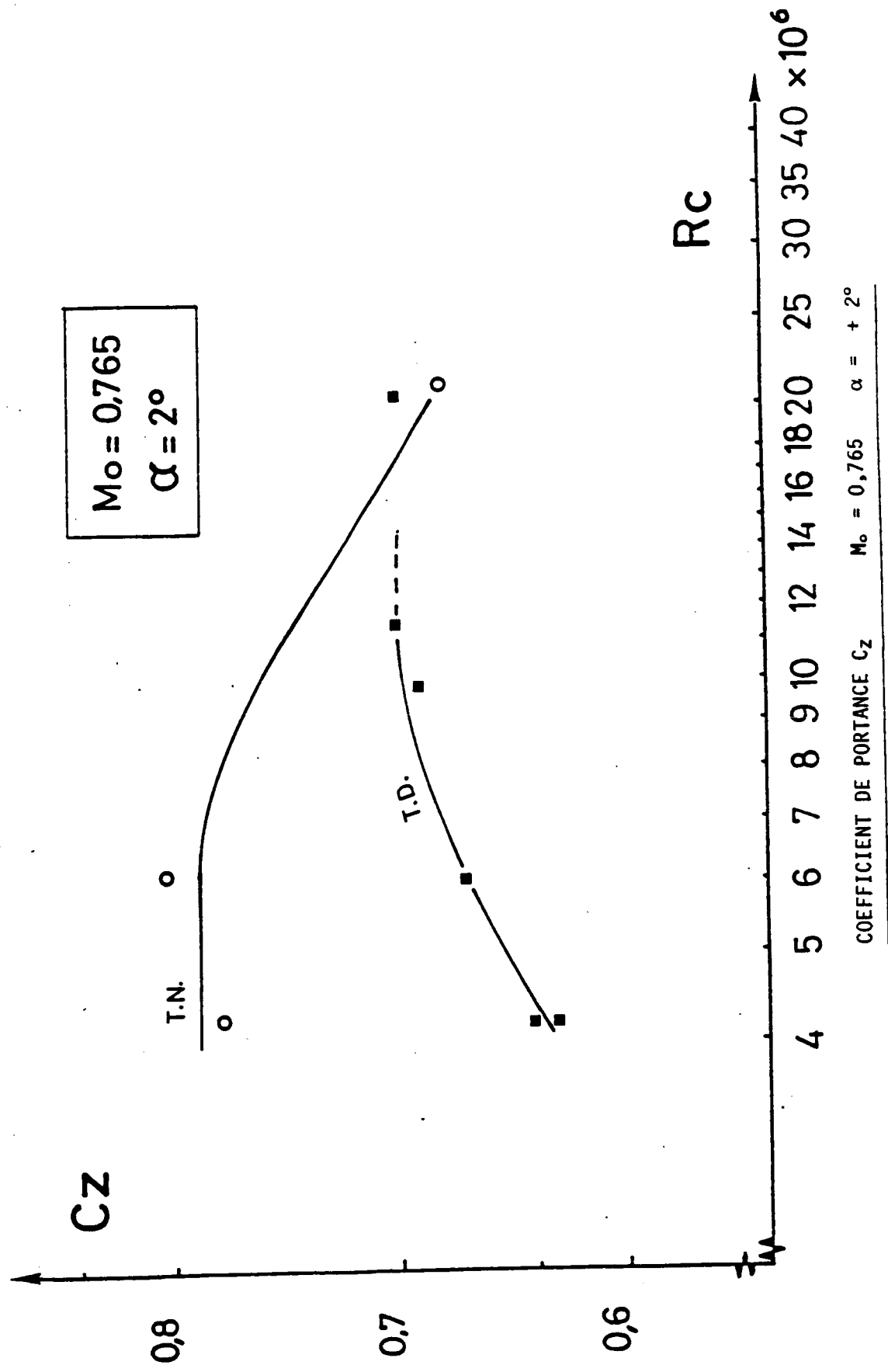






COEFFICIENT DE MOMENT DE TANGAGE C_m $M_0 = 0,765$ $\alpha = -2^\circ$

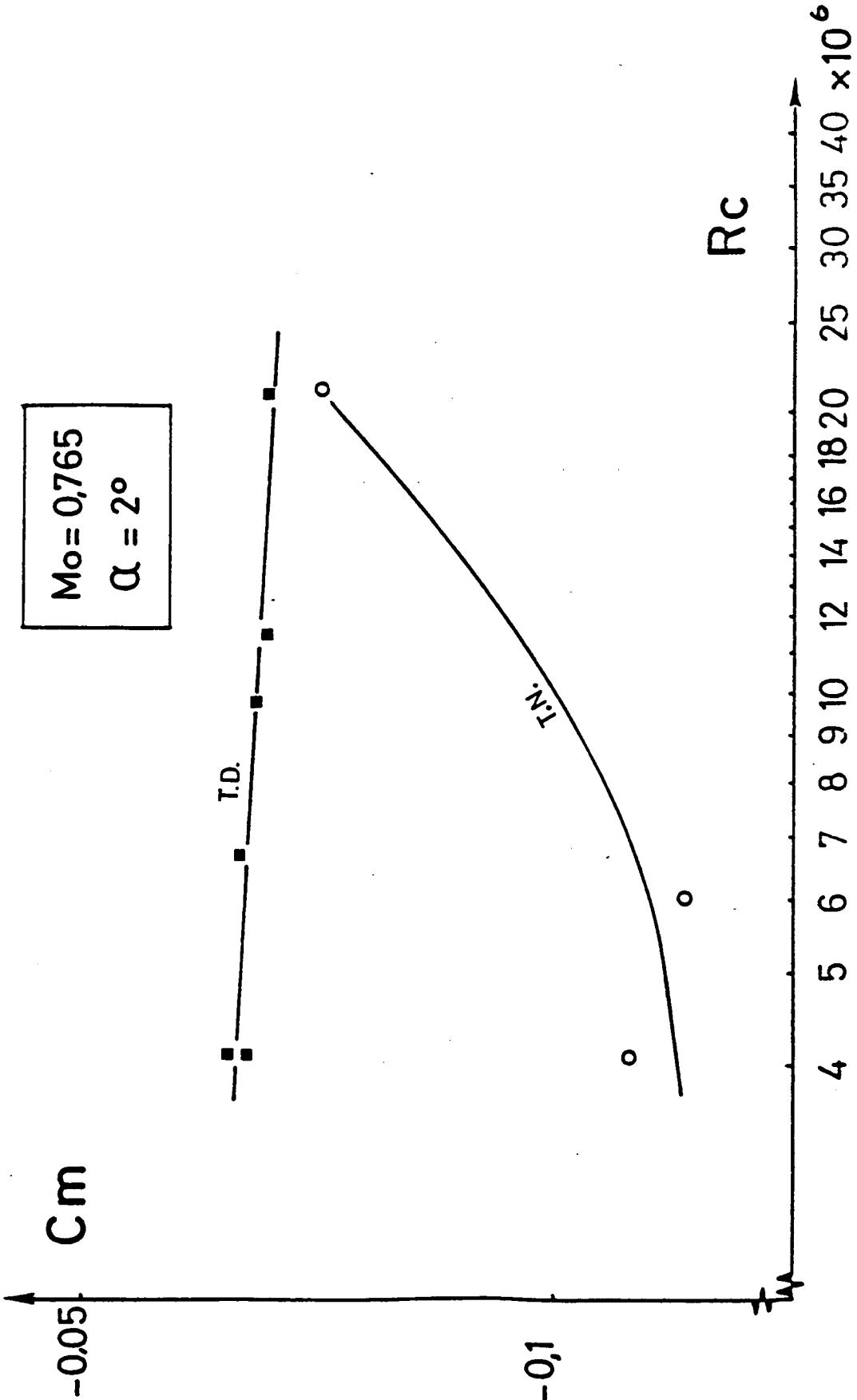




$M_o = 0,765$
 $\alpha = 2^\circ$

COEFFICIENT DE PORTANCE C_z $M_o = 0,765$ $\alpha = + 2^\circ$

$M_0 = 0,765$
 $\alpha = 2^\circ$



COEFFICIENT DE MOMENT DE TANGAGE C_m $M_0 = 0,765$ $\alpha = + 2^\circ$

A N N E X E

LISTINGS A LA DERNIERE ITERATION DES ESSAIS VALIDES

***** FICHER AD204 N0(IT)= 4
1/ 3/84 15H30=.725 PI=1.7 TI=TA I=+0.00 (RM) AD204
DE AD 203 4IEME ITE

MACH DE REFERENCE= .7294 UINF= 238.233 M/S
TIV=293.6 K PIV= 1673 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.732	.724	*	PRISES DOUBLES		1	.033	53	.653	1	290.7
2	.731	.727	*			2	.217	54	.653	2	289.6
3	.731	.724	*	59	.728	.722	3	.329	.657	3	290.7
4	.730	.725	*	60	.733	.731	4	.439	.662	4	290.4
5	.730	.726	*	61	.735	.724	5	.524	.669	5	289.5
6	.728	.725	*				6	.578	.676	6	289.7
7	.729	.724	*	PRISES LAT. GAUCHES		7	.619	59	.684	7	289.9
8	.729	.724	*			8	.648	60	.694	8	290.4
9	.730	.731	*	62	.730	.728	9	.679	.705	9	291.5
10	.731	.724	*	63	.729	.731	10	.717	.718	10	291.1
11	.731	.729	*	64	.732	.720	11	.752	.730	11	290.8
12	.729	.728	*	65	.740	.705	12	.791	.743	12	290.6
13	.732	.723	*	66	.760	.703	13	.892	.758	13	290.8
14	.729	.721	*	67	.777	.732	14	.962	.773	14	291.2
15	.730	.721	*	68	.776	.741	15	1.034	.791	15	291.4
16	.731	.721	*	69	.769	.731	16	1.071	.810	16	291.5
17	.732	.719	*	70	.757	.712	17	1.085	.828	17	291.0
18	.733	.716	*	71	.742	.712	18	1.092	.845	18	291.4
19	.733	.714	*	72	.733	.722	19	1.084	.861	19	291.3
20	.736	.711	*	73	.732	.731	20	1.054	.870		
21	.742	.707	*				21	1.037	.873	I	TPG
22	.747	.704	*	PRISES LAT. DROITES		22	1.026	74	.875		
23	.752	.699	*			23	1.020	75	.870	1	293.5
24	.756	.700	*	74	.730	.726	24	1.014	.862	2	293.5
25	.761	.705	*	75	.729	.725	25	1.006	.854	3	293.5
26	.765	.710	*	76	.729	.726	26	.995	.843	4	293.5
27	.769	.716	*	77	.730	.721	27	.974	.830	5	293.5
28	.774	.727	*	78	.732	.717	28	.979	.818		
29	.776	.734	*	79	.735	.713	29	.987	.807		
30	.776	.739	*	80	.741	.706	30	.991	.796		
31	.778	.738	*	81	.753	.702	31	.994	.786		
32	.777	.744	*	82	.758	.704	32	.999	.775		
33	.775	.744	*	83	.758	.716	33	.999	.766		
34	.773	.739	*	84	.776	.731	34	1.002	.760		
35	.771	.737	*	85	.778	.740	35	1.005	.748		
36	.770	.734	*	86	.774	.742	36	1.008	.734		
37	.768	.728	*	87	.771	.738	37	1.003	.721		
38	.766	.722	*	88	.769	.730	38	.996	.708		
39	.764	.717	*	89	.763	.719	39	.976	.699		
40	.760	.714	*	90	.755	.713	40	.953	.695		
41	.757	.710	*	91	.746	.709	41	.928	.688		
42	.756	.709	*	92	.744	.713	42	.900	.683		
43	.751	.706	*	93	.736	.718	43	.872	.679		
44	.745	.706	*	94	.736	.722	44	.841	.682		
45	.742	.706	*	95	.734	.726	45	.810	.682		
46	.742	.708	*	96	.732	.726	46	.781	.715		
47	.744	.713	*				47	.752	.760		
48	.741	.716	*				48	.725	100	.702	
49	.739	.718	*				49	.702	101	.568	
50	.733	.720	*				50	.683	102	.410	
51	.733	.722	*				51	.666	103	.282	
52	.735	.726	*	PRISES COL		52	.653				
53	.736	.727	*								
54	.735	.727	*	.794	1.181		REFERENCE PROFIL				
55	.735	.726	*	.838	.959		.731				
56	.733	.725	*	.899	.859		.730				
57	.731	.724	*	.952	.806		.729				
58	.727	.722	*	1.122	.765		.728				

ORIGINAL PAGE IS
OF POOR QUALITY

***** FICHER AD205 NO(IT)= 4
5/ 3/85 11H25 M=.76 PI=1.7 TI=TA I=+0.00 (RM) AD205
DE AD204 4 IEME ITE

MACH DE REFERENCE= .7637 UINF= 248.458 M/S
TIV=294.0 K PIV= 1727 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.769	.756	*	PRISES DOUBLES		1	.031	53	.651	1	289.8	
2	.769	.760	*			2	.223	54	.657	2	287.8	
3	.768	.758	*	59	.764	.757	3	.337	55	.663	3	287.5
4	.765	.758	*	60	.770	.767	4	.452	56	.672	4	287.9
5	.764	.761	*	61	.769	.755	5	.540	57	.680	5	288.2
6	.764	.760	*			6	.593	58	.690	6	288.5	
7	.764	.759	*	PRISES LAT. GAUCHES		7	.632	59	.701	7	288.7	
8	.764	.758	*			8	.664	60	.712	8	288.0	
9	.765	.766	*	62	.766	.762	9	.695	61	.724	9	290.7
10	.767	.759	*	63	.763	.766	10	.733	62	.738	10	290.3
11	.767	.763	*	64	.770	.753	11	.771	63	.753	11	289.9
12	.763	.762	*	65	.780	.734	12	.811	64	.766	12	289.8
13	.767	.756	*	66	.803	.731	13	.917	65	.783	13	290.8
14	.765	.754	*	67	.832	.766	14	.994	66	.800	14	290.5
15	.766	.754	*	68	.827	.774	15	1.073	67	.820	15	290.4
16	.767	.754	*	69	.818	.758	16	1.121	68	.842	16	288.9
17	.769	.751	*	70	.807	.739	17	1.148	69	.863	17	288.3
18	.772	.748	*	71	.779	.742	18	1.163	70	.883	18	288.6
19	.773	.745	*	72	.769	.754	19	1.176	71	.901	19	289.2
20	.775	.742	*	73	.764	.765	20	1.180	72	.915		
21	.781	.736	*			21	1.181	73	.920	I	TPG	
22	.788	.729	*	PRISES LAT. DROITES		22	1.186	74	.922			
23	.794	.721	*			23	1.188	75	.916	1	293.9	
24	.798	.724	*	74	.766	.761	24	1.189	76	.906	2	293.9
25	.802	.733	*	75	.765	.758	25	1.189	77	.897	3	293.9
26	.810	.739	*	76	.765	.761	26	1.189	78	.884	4	293.9
27	.817	.747	*	77	.765	.754	27	1.190	79	.869	5	293.8
28	.827	.760	*	78	.769	.752	28	1.191	80	.854		
29	.831	.769	*	79	.773	.744	29	1.193	81	.841		
30	.832	.774	*	80	.781	.735	30	1.196	82	.830		
31	.834	.773	*	81	.795	.724	31	1.198	83	.818		
32	.832	.779	*	82	.800	.733	32	1.199	84	.806		
33	.829	.776	*	83	.816	.747	33	1.194	85	.796		
34	.825	.769	*	84	.830	.766	34	1.180	86	.788		
35	.820	.765	*	85	.832	.775	35	1.168	87	.774		
36	.819	.760	*	86	.826	.774	36	1.159	88	.758		
37	.817	.752	*	87	.820	.767	37	1.155	89	.741		
38	.816	.745	*	88	.818	.756	38	1.121	90	.729		
39	.816	.739	*	89	.814	.744	39	.959	91	.720		
40	.811	.737	*	90	.804	.739	40	.958	92	.716		
41	.808	.734	*	91	.788	.740	41	.966	93	.704		
42	.806	.733	*	92	.782	.744	42	.946	94	.700		
43	.796	.733	*	93	.772	.750	43	.923	95	.695		
44	.787	.735	*	94	.771	.754	44	.893	96	.699		
45	.782	.736	*	95	.768	.765	45	.860	97	.696		
46	.780	.739	*	96	.764	.765	46	.829	98	.729		
47	.781	.743	*			47	.797	99	.772			
48	.778	.747	*			48	.768	100	.711			
49	.774	.750	*			49	.736	101	.572			
50	.769	.753	*			50	.708	102	.411			
51	.772	.754	*			51	.680	103	.282			
52	.768	.756	*	PRISES COL		52	.647					
53	.770	.759	*									
54	.771	.761	*	.831	1.205	*	REFERENCE PROFIL					
55	.770	.761	*	.871	.903	*	.764					
56	.767	.761	*	.924	.853	*	.764					
57	.763	.761	*	.971	.818	*	.764					
58	.754	.763	*	1.139	.786	*	.763					

***** FICHER AD206 NO(IT)= 4
5/ 3/85 15H 0 M=.695 PI=1.7 TI=TA I=+0.00 (RM) AD206
DE AD204 4 IEME ITE

MACH DE REFERENCE= .6984 UINF= 228.830 M/S
TIV=293.1 K PIV= 1529 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.701	.692	PRISES DOUBLES			1	.028	53	.625	1	289.9		
2	.700	.695				2	.219	54	.625	2	288.8		
3	.700	.694	59	.698	.693	3	.329	55	.629	3	289.2		
4	.700	.696	60	.702	.699	4	.440	56	.634	4	289.2		
5	.699	.698	61	.704	.694	5	.522	57	.640	5	289.0		
6	.698	.697				6	.573	58	.648	6	289.2		
7	.698	.694	PRISES LAT. GAUCHES			7	.610	59	.655	7	289.3		
8	.699	.693				8	.640	60	.664	8	289.7		
9	.700	.700	62	.699	.699	9	.669	61	.674	9	290.7		
10	.699	.692	63	.699	.698	10	.704	62	.686	10	290.4		
11	.699	.696	64	.704	.693	11	.738	63	.698	11	290.1		
12	.697	.696	65	.709	.676	12	.775	64	.709	12	290.0		
13	.701	.692	66	.723	.676	13	.871	65	.723	13	290.2		
14	.699	.691	67	.739	.699	14	.932	66	.738	14	290.5		
15	.701	.693	68	.738	.707	15	.990	67	.753	15	290.5		
16	.702	.694	69	.732	.699	16	1.010	68	.770	16	289.0		
17	.703	.692	70	.724	.681	17	1.007	69	.787	17	289.6		
18	.704	.686	71	.709	.683	18	1.000	70	.801	18	289.7		
19	.704	.683	72	.702	.693	19	.986	71	.814	19	289.9		
20	.706	.681	73	.702	.701	20	.970	72	.822				
21	.711	.678				21	.961	73	.825	I	TPG		
22	.715	.675	PRISES LAT. DROITES			22	.956	74	.827				
23	.719	.672				23	.951	75	.822	1	293.1		
24	.720	.673	74	.700	.698	24	.945	76	.815	2	293.0		
25	.723	.678	75	.698	.694	25	.940	77	.809	3	293.0		
26	.726	.682	76	.698	.694	26	.934	78	.800	4	293.1		
27	.730	.687	77	.699	.690	27	.919	79	.789	5	293.0		
28	.735	.695	78	.703	.692	28	.919	80	.778				
29	.738	.701	79	.704	.682	29	.924	81	.768				
30	.739	.705	80	.710	.677	30	.927	82	.759				
31	.740	.704	81	.719	.673	31	.927	83	.750				
32	.739	.709	82	.721	.678	32	.931	84	.739				
33	.737	.710	83	.729	.687	33	.931	85	.732				
34	.735	.706	84	.738	.699	34	.933	86	.726				
35	.733	.705	85	.739	.705	35	.934	87	.714				
36	.733	.701	86	.736	.707	36	.937	88	.701				
37	.731	.696	87	.734	.706	37	.936	89	.688				
38	.729	.690	88	.732	.698	38	.931	90	.677				
39	.729	.684	89	.728	.687	39	.919	91	.668				
40	.726	.682	90	.722	.682	40	.902	92	.663				
41	.723	.679	91	.716	.684	41	.883	93	.656				
42	.723	.678	92	.711	.684	42	.859	94	.652				
43	.720	.678	93	.703	.689	43	.835	95	.648				
44	.716	.680	94	.704	.692	44	.808	96	.650				
45	.712	.681	95	.702	.697	45	.781	97	.643				
46	.711	.682	96	.703	.697	46	.752	98	.677				
47	.711	.684				47	.725	99	.716				
48	.708	.685				48	.700	100	.663				
49	.705	.688				49	.676	101	.536				
50	.702	.690				50	.656	102	.386				
51	.705	.692				51	.638	103	.266				
52	.704	.696	PRISES COL			52	.625						
53	.704	.696											
54	.703	.696	.763	1.155		REFERENCE PROFIL							
55	.703	.695	.809	1.057		.699							
56	.702	.695	.875	.860		.700							
57	.701	.694	.931	.791		.698							
58	.699	.694	1.103	.742		.698							

***** FICHER AD207 N0(IT)= 4
 5/ 3/84 15H40 M=.695 PI=1.7 TI=TA I=-1.00 (RM) AD207
 DE AD125 4 IEME ITE

MACH DE REFERENCE= .7016 UINF= 230.318 M/S
 TIV=294.5 K PIV= 1632 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.700	.692	*	PRISES DOUBLES		1	.113	53	.607	1	290.8
2	.698	.695	*			2	.139	54	.612	2	289.6
3	.699	.694	*	59	.698 .693	3	.244	55	.618	3	289.5
4	.700	.698	*	60	.704 .702	4	.351	56	.626	4	289.5
5	.701	.700	*	61	.707 .697	5	.434	57	.634	5	289.4
6	.699	.698	*			6	.490	58	.642	6	289.4
7	.699	.695	*	PRISES LAT. GAUCHES		7	.531	59	.651	7	289.5
8	.700	.694	*			8	.566	60	.662	8	289.9
9	.702	.701	*	62	.699 .699	9	.598	61	.673	9	291.5
10	.701	.695	*	63	.701 .702	10	.635	62	.686	10	291.2
11	.702	.702	*	64	.707 .696	11	.670	63	.698	11	290.8
12	.699	.703	*	65	.709 .683	12	.708	64	.711	12	290.7
13	.703	.698	*	66	.723 .686	13	.800	65	.725	13	290.9
14	.701	.696	*	67	.735 .715	14	.870	66	.740	14	291.2
15	.703	.696	*	68	.735 .717	15	.917	67	.757	15	291.3
16	.705	.696	*	69	.732 .702	16	.944	68	.776	16	290.1
17	.705	.694	*	70	.727 .685	17	.954	69	.794	17	289.5
18	.706	.692	*	71	.710 .687	18	.948	70	.810	18	289.6
19	.704	.690	*	72	.705 .696	19	.943	71	.826	19	290.8
20	.706	.687	*	73	.704 .704	20	.932	72	.836		
21	.710	.685	*			21	.929	73	.841	I	TPG
22	.715	.683	*	PRISES LAT. DROITES		22	.927	74	.844		
23	.720	.680	*			23	.924	75	.841	1	294.4
24	.721	.683	*	74	.700 .698	24	.923	76	.836	2	294.4
25	.723	.689	*	75	.699 .696	25	.920	77	.831	3	294.4
26	.726	.694	*	76	.701 .697	26	.920	78	.823	4	294.3
27	.728	.702	*	77	.701 .696	27	.920	79	.813	5	294.4
28	.732	.711	*	78	.706 .696	28	.921	80	.803		
29	.733	.717	*	79	.705 .689	29	.924	81	.794		
30	.734	.720	*	80	.711 .684	30	.926	82	.786		
31	.736	.718	*	81	.720 .682	31	.927	83	.779		
32	.735	.721	*	82	.722 .688	32	.930	84	.771		
33	.733	.719	*	83	.728 .701	33	.933	85	.765		
34	.732	.712	*	84	.734 .715	34	.936	86	.762		
35	.731	.710	*	85	.735 .720	35	.941	87	.753		
36	.732	.705	*	86	.733 .719	36	.945	88	.742		
37	.731	.699	*	87	.732 .712	37	.947	89	.734		
38	.731	.692	*	88	.732 .702	38	.945	90	.724		
39	.731	.688	*	89	.730 .690	39	.938	91	.718		
40	.728	.685	*	90	.725 .686	40	.927	92	.716		
41	.726	.682	*	91	.720 .686	41	.919	93	.711		
42	.726	.681	*	92	.711 .688	42	.895	94	.707		
43	.722	.681	*	93	.706 .693	43	.842	95	.708		
44	.718	.682	*	94	.707 .695	44	.821	96	.725		
45	.713	.683	*	95	.705 .701	45	.798	97	.746		
46	.712	.685	*	96	.705 .700	46	.772	98	.785		
47	.711	.688	*			47	.746	99	.853		
48	.709	.690	*			48	.719	100	.808		
49	.708	.693	*			49	.690	101	.664		
50	.705	.695	*			50	.665	102	.498		
51	.708	.696	*			51	.637	103	.370		
52	.706	.699	*	PRISES COL		52	.602				
53	.706	.699	*			REFERENCE PROFIL					
54	.705	.699	*	.760	1.154		.700				
55	.705	.698	*	.808	1.110		.701				
56	.703	.698	*	.874	.871		.700				
57	.702	.697	*	.930	.795		.699				
58	.700	.699	*	1.102	.745						

***** FICHER AD208 N0(IT)= 5
 5/ 3/84 15H60 M=.755 PI=1.7 TI=TA I=-1.00 (RM) AD208
 DE AD24 4 IEME ITE

MACH DE REFERENCE= .7554 UINF= 246.754 M/S
 TIV=295.7 K PIV= 1721 MB

MACH PAROIS						MACH PROFIL				TCK)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.767	.755	*	PRISES DOUBLES		1	.103	53	.645	1	291.0
2	.766	.761	*			2	.134	54	.651	2	289.3
3	.764	.757	*	59	.758	.755	3	.243	.659	3	289.2
4	.760	.758	*	60	.762	.760	4	.354	.667	4	289.2
5	.758	.760	*	61	.762	.749	5	.442	.676	5	289.0
6	.758	.759	*				6	.501	.687	6	289.9
7	.759	.757	*	PRISES LAT. GAUCHES		7	.546	59	.698	7	289.0
8	.759	.754	*			8	.583	60	.709	8	289.2
9	.759	.760	*	62	.762	.762	9	.616	.722	9	291.7
10	.760	.752	*	63	.757	.760	10	.656	.736	10	291.4
11	.759	.756	*	64	.761	.750	11	.695	.751	11	290.9
12	.755	.756	*	65	.766	.735	12	.736	.765	12	290.7
13	.760	.752	*	66	.787	.737	13	.840	.783	13	291.0
14	.758	.751	*	67	.806	.771	14	.915	.800	14	291.4
15	.760	.752	*	68	.803	.773	15	.989	.821	15	291.4
16	.760	.752	*	69	.797	.760	16	1.034	.844	16	290.0
17	.760	.748	*	70	.791	.734	17	1.057	.867	17	289.4
18	.760	.742	*	71	.766	.738	18	1.066	.889	18	289.7
19	.760	.741	*	72	.763	.749	19	1.076	.910	19	290.1
20	.764	.741	*	73	.758	.760	20	1.066	.925		
21	.768	.737	*				21	1.049	.933	I	TPG
22	.770	.731	*	PRISES LAT. DROITES		22	1.051	74	.939		
23	.775	.726	*			23	1.050	75	.935	1	295.7
24	.781	.731	*	74	.762	.760	24	1.046	.926	2	295.7
25	.787	.740	*	75	.760	.758	25	1.040	.920	3	295.7
26	.793	.747	*	76	.759	.755	26	1.039	.907	4	295.6
27	.798	.756	*	77	.758	.750	27	1.038	.893	5	295.6
28	.804	.768	*	78	.761	.749	28	1.040	.879		
29	.806	.776	*	79	.761	.739	29	1.045	.868		
30	.806	.781	*	80	.768	.737	30	1.048	.858		
31	.807	.779	*	81	.776	.729	31	1.056	.848		
32	.805	.784	*	82	.785	.740	32	1.064	.838		
33	.802	.782	*	83	.795	.754	33	1.072	.830		
34	.800	.774	*	84	.804	.771	34	1.081	.826		
35	.797	.771	*	85	.806	.779	35	1.092	.816		
36	.798	.765	*	86	.800	.780	36	1.104	.804		
37	.796	.757	*	87	.798	.773	37	1.114	.795		
38	.796	.747	*	88	.797	.760	38	1.106	.782		
39	.797	.740	*	89	.794	.743	39	1.090	.776		
40	.793	.735	*	90	.788	.735	40	1.081	.773		
41	.790	.731	*	91	.776	.735	41	1.078	.762		
42	.789	.729	*	92	.767	.739	42	1.070	.758		
43	.783	.729	*	93	.763	.746	43	.880	.745		
44	.776	.731	*	94	.765	.748	44	.871	.778		
45	.771	.732	*	95	.761	.749	45	.850	.818		
46	.769	.734	*	96	.757	.750	46	.823	.853		
47	.768	.739	*				47	.795	.931		
48	.766	.743	*				48	.766	100	.874	
49	.765	.745	*				49	.735	101	.709	
50	.763	.748	*				50	.707	102	.530	
51	.766	.749	*				51	.678	103	.397	
52	.762	.750	*	PRISES COL		52	.640				
53	.762	.753	*								
54	.763	.755	*	.826	1.202		REFERENCE PROFIL				
55	.762	.754	*	.866	.909		.760				
56	.760	.753	*	.922	.853		.761				
57	.757	.749	*	.969	.819		.760				
58	.748	.739	*	1.137	.787		.759				

***** FICHER AD209 NO(IT)= 4
5/ 3/84 16H20 M=.760 PI=1.7 TI=TA I=-1.00 (RM) AD209
DE AD200 5 IEME ITE

MACH DE REFERENCE= .7667 UINF= 250.229 M/S
TIV=296.1 K PIV= :730 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPe
1	.769	.759	*	PRISES DOUBLES		1	.109	53	.652	1	292.0
2	.767	.763	*			2	.129	54	.658	2	290.1
3	.767	.761	*	59	.764	.760	3	.239	.666	3	289.7
4	.765	.762	*	60	.770	.767	4	.350	.675	4	289.7
5	.764	.764	*	61	.770	.759	5	.437	.684	5	289.7
6	.764	.763	*				6	.497	.695	6	289.7
7	.765	.762	*	PRISES LAT. GAUCHES		7	.543	59	.706	7	289.7
8	.766	.761	*			8	.580	60	.718	8	290.1
9	.768	.768	*	62	.765	.764	9	.615	.731	9	292.7
10	.769	.759	*	63	.764	.767	10	.656	.745	10	292.3
11	.766	.763	*	64	.769	.758	11	.694	.761	11	291.8
12	.762	.762	*	65	.772	.741	12	.735	.776	12	291.6
13	.766	.757	*	66	.795	.745	13	.840	.794	13	292.3
14	.763	.756	*	67	.816	.794	14	.916	.813	14	292.3
15	.765	.758	*	68	.819	.792	15	.995	.834	15	292.3
16	.766	.759	*	69	.814	.772	16	1.039	.858	16	290.3
17	.768	.757	*	70	.802	.744	17	1.063	.882	17	289.8
18	.771	.754	*	71	.777	.745	18	1.078	.905	18	290.0
19	.769	.750	*	72	.769	.758	19	1.089	.928	19	290.5
20	.769	.747	*	73	.769	.768	20	1.090	.944		
21	.774	.743	*				21	1.082	.954	I	TPe
22	.781	.741	*	PRISES LAT. DROITES		22	1.076	74	.959		
23	.788	.738	*			23	1.073	75	.955	1	296.2
24	.792	.740	*	74	.766	.764	24	1.072	.946	2	296.2
25	.795	.748	*	75	.765	.762	25	1.067	.938	3	296.1
26	.800	.755	*	76	.766	.761	26	1.061	.925	4	296.1
27	.806	.763	*	77	.764	.755	27	1.055	.909	5	296.1
28	.813	.779	*	78	.768	.757	28	1.054	.894		
29	.816	.789	*	79	.769	.749	29	1.059	.883		
30	.817	.794	*	80	.774	.741	30	1.066	.872		
31	.820	.793	*	81	.788	.740	31	1.073	.862		
32	.820	.799	*	82	.792	.747	32	1.082	.852		
33	.819	.797	*	83	.804	.764	33	1.093	.843		
34	.817	.788	*	84	.815	.785	34	1.104	.839		
35	.815	.784	*	85	.818	.794	35	1.118	.828		
36	.815	.777	*	86	.816	.794	36	1.136	.817		
37	.813	.768	*	87	.815	.786	37	1.152	.808		
38	.811	.757	*	88	.813	.772	38	1.157	.794		
39	.811	.749	*	89	.808	.753	39	1.137	.788		
40	.806	.745	*	90	.799	.745	40	1.131	.785		
41	.802	.740	*	91	.788	.746	41	1.131	.774		
42	.801	.739	*	92	.779	.748	42	1.109	.763		
43	.794	.738	*	93	.771	.753	43	.894	.750		
44	.787	.740	*	94	.772	.758	44	.856	.782		
45	.783	.741	*	95	.769	.763	45	.844	.837		
46	.780	.744	*	96	.768	.764	46	.822	.872		
47	.779	.747	*				47	.797	.952		
48	.777	.750	*				48	.770	.892		
49	.774	.754	*				49	.739	.721		
50	.770	.758	*				50	.712	.540		
51	.772	.759	*				51	.683	.405		
52	.770	.761	*	PRISES COL		52	.648				
53	.771	.762	*								
54	.771	.763	*	.833	1.206		REFERENCE PROFIL				
55	.771	.763	*	.872	.905		.765				
56	.770	.763	*	.926	.856		.766				
57	.769	.761	*	.973	.821		.765				
58	.763	.759	*	1.141	.790		.765				

***** FICHER AD210 N0(IT)= 5
 5/ 3/84 17H10 M=.695 PI=1.7 TI=TA I=-0.50 (RM) AD210
 DE AD129 4 IEME ITE

MACH DE REFERENCE= .7011 UINF= 230.629 M/S
 TIV=295.6 K PIV= 1635 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.702	.694	*	PRISES DOUBLES		1	.071	53	.619	1	291.3		
2	.700	.696	*			2	.177	54	.621	2	290.1		
3	.700	.694	*	59	.699	.694	3	.284	55	.625	3	290.2	
4	.700	.696	*	60	.705	.703	4	.392	56	.632	4	290.3	
5	.700	.698	*	61	.705	.695	5	.476	57	.639	5	290.5	
6	.699	.697	*				6	.529	58	.647	6	290.5	
7	.700	.695	*	PRISES LAT. GAUCHES		7	.568	59	.656	7	290.8		
8	.702	.696	*			8	.601	60	.666	8	291.3		
9	.704	.704	*	62	.699	.698	9	.632	61	.676	9	292.3	
10	.703	.696	*	63	.702	.702	10	.668	62	.688	10	292.0	
11	.703	.700	*	64	.705	.695	11	.702	63	.701	11	291.7	
12	.700	.700	*	65	.710	.683	12	.740	64	.713	12	291.6	
13	.703	.696	*	66	.726	.681	13	.834	65	.727	13	291.8	
14	.700	.694	*	67	.736	.710	14	.898	66	.742	14	292.1	
15	.701	.695	*	68	.736	.715	15	.951	67	.758	15	292.0	
16	.703	.696	*	69	.732	.702	16	.975	68	.776	16	290.9	
17	.704	.694	*	70	.725	.684	17	.978	69	.793	17	290.5	
18	.706	.690	*	71	.710	.685	18	.972	70	.809	18	290.5	
19	.706	.688	*	72	.704	.695	19	.961	71	.823	19	290.9	
20	.708	.688	*	73	.705	.701	20	.950	72	.833			
21	.711	.685	*				21	.944	73	.837	I	TPG	
22	.714	.681	*	PRISES LAT. DROITES		22	.942	74	.839				
23	.718	.677	*			23	.937	75	.836	1	295.6		
24	.722	.678	*	74	.700	.697	24	.933	76	.829	2	295.7	
25	.726	.684	*	75	.700	.695	25	.930	77	.824	3	295.6	
26	.729	.689	*	76	.701	.697	26	.928	78	.815	4	295.6	
27	.732	.695	*	77	.700	.694	27	.927	79	.804	5	295.6	
28	.734	.705	*	78	.704	.694	28	.927	80	.793			
29	.736	.712	*	79	.706	.687	29	.928	81	.783			
30	.736	.716	*	80	.711	.683	30	.929	82	.775			
31	.737	.714	*	81	.718	.678	31	.927	83	.767			
32	.736	.718	*	82	.725	.683	32	.924	84	.757			
33	.735	.718	*	83	.730	.695	33	.924	85	.750			
34	.734	.712	*	84	.735	.709	34	.927	86	.746			
35	.732	.709	*	85	.737	.715	35	.930	87	.736			
36	.733	.706	*	86	.734	.715	36	.938	88	.724			
37	.731	.700	*	87	.733	.711	37	.939	89	.713			
38	.730	.694	*	88	.732	.702	38	.936	90	.703			
39	.729	.688	*	89	.728	.690	39	.925	91	.697			
40	.727	.686	*	90	.723	.685	40	.909	92	.694			
41	.725	.683	*	91	.719	.684	41	.890	93	.688			
42	.725	.682	*	92	.711	.686	42	.868	94	.686			
43	.722	.681	*	93	.706	.693	43	.846	95	.685			
44	.719	.681	*	94	.706	.694	44	.818	96	.688			
45	.716	.682	*	95	.704	.701	45	.790	97	.695			
46	.714	.684	*	96	.705	.700	46	.763	98	.736			
47	.712	.687	*				47	.735	99	.789			
48	.709	.690	*				48	.708	100	.738			
49	.708	.693	*				49	.682	101	.603			
50	.706	.696	*				50	.658	102	.446			
51	.707	.695	*				51	.636	103	.320			
52	.705	.696	*				52	.615					
53	.705	.696	*	PRISES COL									
54	.704	.697	*	.762	1.156		REFERENCE PROFIL						
55	.705	.697	*	.810	1.087		.701						
56	.704	.698	*	.877	.866		.701						
57	.703	.698	*	.932	.794		.700						
58	.702	.700	*	1.105	.745		.700						

***** FICHER AD211 NO(IT)= 4
5/ 3/84 17H35 M=.725 PI=1.7 TI=TA I=-0.50 (RM) AD211
DE AD210 5 IEME ITE

MACH DE REFERENCE= .7291 UINF= 239.140 M/S
TIV=296.1 K PIV= 1674 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.734	.724	*	PRISES DOUBLES		1	.073	53	.635	1	292.1	
2	.732	.729	*			2	.179	54	.638	2	290.5	
3	.732	.725	*	59	.729	.725	3	.288	55	.644	3	290.6
4	.731	.726	*	60	.734	.733	4	.400	56	.651	4	290.7
5	.731	.729	*	61	.734	.721	5	.485	57	.659	5	290.7
6	.730	.727	*			6	.540	58	.668	6	290.8	
7	.730	.726	*	PRISES LAT. GAUCHES		7	.581	59	.678	7	291.1	
8	.730	.727	*			8	.615	60	.688	8	291.6	
9	.732	.734	*	62	.731	.728	9	.647	61	.700	9	293.0
10	.732	.726	*	63	.729	.732	10	.685	62	.713	10	292.7
11	.731	.729	*	64	.735	.722	11	.721	63	.726	11	292.3
12	.728	.727	*	65	.737	.705	12	.760	64	.739	12	292.2
13	.732	.722	*	66	.757	.705	13	.861	65	.755	13	292.4
14	.730	.721	*	67	.773	.738	14	.931	66	.771	14	292.8
15	.731	.721	*	68	.772	.745	15	.998	67	.789	15	292.6
16	.733	.722	*	69	.768	.730	16	1.034	68	.809	16	291.1
17	.735	.722	*	70	.761	.709	17	1.046	69	.828	17	290.8
18	.735	.719	*	71	.739	.712	18	1.046	70	.846	18	290.9
19	.734	.716	*	72	.732	.721	19	1.036	71	.862	19	291.2
20	.734	.711	*	73	.730	.729	20	1.019	72	.873		
21	.738	.706	*			21	1.010	73	.879	I	TPG	
22	.743	.705	*	PRISES LAT. DROITES		22	1.007	74	.881			
23	.749	.701	*			23	1.002	75	.877	1	296.1	
24	.753	.702	*	74	.731	.728	24	.998	76	.870	2	296.1
25	.757	.708	*	75	.730	.726	25	.993	77	.863	3	296.0
26	.761	.714	*	76	.730	.727	26	.990	78	.853	4	296.0
27	.765	.721	*	77	.730	.720	27	.989	79	.840	5	296.0
28	.770	.733	*	78	.734	.722	28	.989	80	.828		
29	.772	.741	*	79	.734	.715	29	.991	81	.817		
30	.772	.746	*	80	.738	.706	30	.993	82	.808		
31	.774	.744	*	81	.750	.704	31	.995	83	.798		
32	.773	.750	*	82	.755	.707	32	.996	84	.788		
33	.771	.748	*	83	.764	.720	33	.998	85	.780		
34	.769	.742	*	84	.772	.738	34	1.001	86	.775		
35	.767	.739	*	85	.774	.746	35	1.006	87	.764		
36	.767	.734	*	86	.770	.746	36	1.013	88	.751		
37	.767	.727	*	87	.768	.741	37	1.013	89	.739		
38	.766	.720	*	88	.768	.730	38	1.009	90	.728		
39	.767	.714	*	89	.767	.716	39	.994	91	.721		
40	.764	.710	*	90	.759	.710	40	.973	92	.717		
41	.762	.707	*	91	.747	.709	41	.944	93	.710		
42	.761	.705	*	92	.741	.713	42	.910	94	.708		
43	.753	.704	*	93	.733	.719	43	.885	95	.706		
44	.746	.705	*	94	.734	.720	44	.856	96	.710		
45	.742	.706	*	95	.733	.727	45	.826	97	.717		
46	.740	.708	*	96	.730	.727	46	.795	98	.760		
47	.741	.713	*			47	.767	99	.817			
48	.739	.716	*			48	.737	100	.760			
49	.736	.719	*			49	.709	101	.618			
50	.733	.721	*			50	.683	102	.454			
51	.735	.731	*			51	.656	103	.325			
52	.734	.722	*	PRISES COL		52	.628					
53	.735	.724	*									
54	.735	.725	*	.793	1.180		REFERENCE PROFIL					
55	.735	.725	*	.837	.959		.730					
56	.733	.725	*	.898	.859		.731					
57	.730	.725	*	.949	.805		.730					
58	.725	.725	*	1.121	.763		.730					

***** FICHER AD214 NO(IT)= 4
 6/ 3/84 11H55 M=.730 PI=1.7 TI=TA I=+1.00 (RM) AD214
 DE AD213 4 IEME ITE

MACH DE REFERENCE= .7345 UINF= 240.112 M/S
 TIV=294.5 K PIV= 1680 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.740	.724	*	PRISES DOUBLES		1	.111	53	.648	1	290.2		
2	.738	.729	*			2	.319	54	.648	2	297.3		
3	.737	.728	*	59	.734	.727	3	.433	.652	3	288.9		
4	.734	.730	*	60	.740	.732	4	.551	.653	4	288.7		
5	.733	.732	*	61	.740	.726	5	.640	.664	5	287.7		
6	.733	.731	*			6	.687	59	.672	6	288.3		
7	.735	.729	*	PRISES LAT. GAUCHES		7	.718	59	.680	7	288.3		
8	.736	.727	*			8	.743	60	.690	8	289.7		
9	.737	.733	*	62	.735	.732	9	.770	.700	9	291.3		
10	.737	.725	*	63	.735	.731	10	.803	.712	10	291.8		
11	.736	.729	*	64	.742	.724	11	.837	.724	11	290.7		
12	.731	.729	*	65	.752	.705	12	.876	.736	12	290.6		
13	.735	.726	*	66	.777	.694	13	.981	.751	13	290.9		
14	.734	.726	*	67	.800	.721	14	1.057	.765	14	291.3		
15	.736	.728	*	68	.794	.732	15	1.131	.782	15	291.1		
16	.737	.725	*	69	.783	.724	16	1.175	.800	16	289.3		
17	.742	.722	*	70	.776	.710	17	1.202	.816	17	288.9		
18	.746	.715	*	71	.747	.713	18	1.214	.831	18	289.2		
19	.745	.713	*	72	.740	.724	19	1.223	.844	19	289.6		
20	.747	.712	*	73	.735	.735	20	1.224	.852				
21	.753	.707	*			21	1.223	73	.854	I	TPG		
22	.762	.697	*	PRISES LAT. DROITES		22	1.224	74	.854				
23	.769	.689	*			23	1.223	75	.847	1	294.5		
24	.773	.690	*	74	.735	.731	24	1.219	.837	2	294.5		
25	.777	.696	*	75	.736	.728	25	1.204	.829	3	294.5		
26	.783	.700	*	76	.736	.727	26	1.185	.817	4	294.5		
27	.790	.706	*	77	.734	.724	27	1.173	.803	5	294.4		
28	.797	.716	*	78	.742	.723	28	1.168	.799				
29	.800	.723	*	79	.746	.711	29	1.017	.777				
30	.800	.728	*	80	.752	.706	30	.898	.765				
31	.801	.728	*	81	.769	.692	31	.936	.753				
32	.797	.734	*	82	.775	.696	32	.966	.741				
33	.793	.734	*	83	.787	.705	33	.984	.731				
34	.788	.729	*	84	.799	.720	34	.999	.721				
35	.784	.727	*	85	.800	.729	35	1.011	.706				
36	.784	.724	*	86	.792	.731	36	1.021	.687				
37	.782	.719	*	87	.785	.729	37	1.019	.667				
38	.782	.714	*	88	.783	.721	38	1.011	.652				
39	.782	.711	*	89	.781	.713	39	.989	.643				
40	.779	.709	*	90	.773	.709	40	.966	.631				
41	.777	.706	*	91	.760	.709	41	.940	.620				
42	.775	.705	*	92	.749	.714	42	.912	.611				
43	.767	.705	*	93	.742	.720	43	.882	.601				
44	.759	.706	*	94	.743	.723	44	.852	.604				
45	.754	.706	*	95	.739	.734	45	.820	.590				
46	.751	.709	*	96	.734	.733	46	.790	.596				
47	.748	.715	*			47	.760	.588					
48	.746	.718	*			48	.733	100	.547				
49	.744	.720	*			49	.707	101	.426				
50	.741	.722	*			50	.685	102	.283				
51	.744	.724	*			51	.666	103	.156				
52	.741	.728	*			52	.649						
53	.741	.730	*	PRISES COL									
54	.741	.731	*	.800	1.188		REFERENCE PROFIL						
55	.740	.731	*	.844	.932		.734						
56	.737	.731	*	.904	.855		.734						
57	.734	.731	*	.955	.809		.734						
58	.727	.732	*	1.127	.768		.733						

***** FICHER AD215 NO(IT)= 4
 6/ 3/84 12H20 M=.760 PI=1.7 TI=TA I=+1.00 (RM) AD215
 DE AD214 4 IEME ITE

MACH DE REFERENCE= .7647 UINF= 249.282 M/S
 TIV=295.3 K PIV= 1730 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.774	.756	*	PRISES DOUBLES		1	.101	53	.662	1	290.9	
2	.774	.762	*			2	.305	54	.665	2	288.4	
3	.771	.759	*	59	.767	.759	3	.418	.669	3	288.2	
4	.765	.758	*	60	.771	.764	4	.538	.676	4	288.4	
5	.763	.760	*	61	.767	.753	5	.626	.683	5	288.7	
6	.765	.761	*			6	.675	58	.691	6	289.1	
7	.767	.761	*	PRISES LAT. GAUCHES		7	.709	59	.700	7	288.2	
8	.766	.757	*			8	.735	60	.711	8	287.6	
9	.766	.763	*	62	.768	.761	9	.763	.723	9	291.7	
10	.768	.756	*	63	.765	.764	10	.799	.736	10	291.4	
11	.767	.760	*	64	.774	.751	11	.833	.750	11	291.0	
12	.762	.759	*	65	.783	.729	12	.872	.763	12	290.9	
13	.767	.756	*	66	.818	.720	13	.981	.779	13	291.3	
14	.766	.757	*	67	.846	.753	14	1.055	.794	14	291.7	
15	.769	.758	*	68	.847	.768	15	1.137	.814	15	291.6	
16	.769	.754	*	69	.834	.757	16	1.187	.835	16	289.3	
17	.773	.749	*	70	.811	.738	17	1.215	.854	17	288.9	
18	.776	.742	*	71	.782	.741	18	1.232	.872	18	289.1	
19	.777	.739	*	72	.770	.753	19	1.243	.888	19	289.6	
20	.779	.737	*	73	.761	.767	20	1.248	.898			
21	.784	.731	*			21	1.251	73	.901	I	TPG	
22	.790	.721	*	PRISES LAT. DROITES		22	1.257	74	.901			
23	.799	.712	*			23	1.261	75	.893	1	295.3	
24	.810	.713	*	74	.768	.762	24	1.264	76	.882	2	295.3
25	.819	.721	*	75	.768	.761	25	1.266	77	.872	3	295.3
26	.828	.726	*	76	.767	.758	26	1.269	78	.858	4	295.2
27	.836	.733	*	77	.766	.755	27	1.271	79	.841	5	295.3
28	.843	.746	*	78	.773	.750	28	1.274	80	.826		
29	.847	.755	*	79	.778	.737	29	1.278	81	.812		
30	.848	.761	*	80	.783	.731	30	1.282	82	.799		
31	.852	.761	*	81	.801	.715	31	1.287	83	.786		
32	.851	.769	*	82	.817	.721	32	1.293	84	.772		
33	.848	.767	*	83	.833	.733	33	1.293	85	.761		
34	.844	.762	*	84	.845	.752	34	1.275	86	.751		
35	.840	.760	*	85	.849	.762	35	1.265	87	.734		
36	.838	.757	*	86	.846	.766	36	1.264	88	.715		
37	.833	.750	*	87	.841	.762	37	1.263	89	.694		
38	.828	.743	*	88	.835	.753	38	1.230	90	.679		
39	.823	.736	*	89	.822	.740	39	1.139	91	.664		
40	.817	.734	*	90	.808	.735	40	.998	92	.657		
41	.812	.731	*	91	.794	.736	41	.924	93	.645		
42	.810	.731	*	92	.784	.741	42	.881	94	.637		
43	.802	.730	*	93	.774	.748	43	.858	95	.628		
44	.793	.733	*	94	.773	.752	44	.838	96	.632		
45	.788	.734	*	95	.769	.757	45	.817	97	.619		
46	.786	.737	*	96	.761	.756	46	.795	98	.628		
47	.785	.742	*			47	.773	99	.647			
48	.781	.746	*			48	.750	100	.585			
49	.778	.749	*			49	.727	101	.459			
50	.771	.750	*			50	.705	102	.311			
51	.773	.753	*			51	.684	103	.183			
52	.767	.754	*	PRISES COL		52	.664					
53	.770	.758	*									
54	.771	.762	*	.837	1.209		REFERENCE PROFIL					
55	.771	.760	*	.876	.880		.764					
56	.767	.759	*	.929	.843		.764					
57	.762	.756	*	.975	.816		.764					
58	.747	.747	*	1.143	.785		.764					

***** FICHER AD217 N0(IT)= 4
6/ 3/84 16H50 M=.725 PI 1.7 TI=TA I=2.00 (RM) AD217
DE AD216 5ITER.

MACH DE REFERENCE= .7324 UINF= 239.914 M/S
TIV=295.6 K PIV= 1679 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.740	.721	*	PRISES DOUBLES		1	.206	53	.639	1	291.3		
2	.739	.725	*			2	.417	54	.639	2	288.7		
3	.737	.723	*	59	.733	.724	3	.532	.642	3	288.7		
4	.732	.723	*	60	.737	.728	4	.656	.648	4	289.1		
5	.730	.725	*	61	.737	.722	5	.749	.654	5	289.7		
6	.731	.726	*			6	.791	58	.662	6	287.7		
7	.733	.724	*	PRISES LAT. GAUCHES*		7	.813	59	.670	7	288.5		
8	.733	.722	*			8	.830	60	.679	8	289.7		
9	.734	.728	*	62	.733	.726	9	.852	.689	9	292.4		
10	.735	.720	*	63	.733	.727	10	.880	.699	10	292.2		
11	.733	.724	*	64	.741	.717	11	.911	.712	11	291.9		
12	.728	.723	*	65	.755	.695	12	.948	.722	12	291.9		
13	.732	.720	*	66	.790	.677	13	1.051	.735	13	292.2		
14	.732	.721	*	67	.809	.705	14	1.126	.749	14	292.6		
15	.734	.722	*	68	.808	.720	15	1.208	.764	15	292.4		
16	.736	.719	*	69	.797	.714	16	1.254	.780	16	290.2		
17	.741	.715	*	70	.777	.703	17	1.278	.795	17	289.5		
18	.745	.707	*	71	.751	.710	18	1.294	.808	18	289.9		
19	.745	.704	*	72	.740	.720	19	1.303	.819	19	290.4		
20	.748	.702	*	73	.730	.732	20	1.303	.824				
21	.755	.697	*			21	1.303	73	.824	I	TPG		
22	.764	.686	*	PRISES LAT. DROITES*		22	1.305	74	.823				
23	.774	.676	*			23	1.307	75	.815	1	295.5		
24	.783	.673	*	74	.734	.726	24	1.307	.804	2	295.5		
25	.792	.676	*	75	.734	.725	25	1.307	.795	3	295.5		
26	.798	.679	*	76	.734	.723	26	1.307	.783	4	295.5		
27	.803	.685	*	77	.731	.719	27	1.307	.769	5	295.5		
28	.809	.696	*	78	.741	.716	28	1.305	.754				
29	.810	.705	*	79	.747	.702	29	1.288	.741				
30	.811	.711	*	80	.754	.696	30	1.273	.728				
31	.813	.712	*	81	.776	.679	31	1.266	.715				
32	.811	.720	*	82	.790	.677	32	1.266	.701				
33	.808	.720	*	83	.801	.685	33	1.251	.690				
34	.805	.717	*	84	.808	.704	34	1.018	.678				
35	.802	.716	*	85	.811	.713	35	.994	.660				
36	.800	.714	*	86	.807	.719	36	.991	.639				
37	.795	.709	*	87	.802	.718	37	.988	.615				
38	.791	.704	*	88	.797	.711	38	.923	.598				
39	.786	.699	*	89	.785	.703	39	.926	.581				
40	.780	.697	*	90	.774	.702	40	.922	.572				
41	.775	.696	*	91	.764	.707	41	.907	.557				
42	.775	.696	*	92	.753	.711	42	.887	.546				
43	.769	.699	*	93	.743	.716	43	.865	.532				
44	.763	.703	*	94	.742	.720	44	.840	.533				
45	.759	.704	*	95	.738	.728	45	.812	.511				
46	.755	.708	*	96	.730	.727	46	.784	.499				
47	.752	.711	*			47	.758	.488					
48	.749	.713	*			48	.731	.423					
49	.746	.715	*			49	.706	.389					
50	.741	.718	*			50	.683	.172					
51	.742	.720	*			51	.661	103	.054				
52	.737	.723	*	PRISES COL		52	.640						
53	.739	.726	*										
54	.739	.728	*	.798	1.187		REFERENCE PROFIL						
55	.739	.727	*	.842	.908		.730						
56	.735	.727	*	.903	.845		.730						
57	.731	.726	*	.954	.805		.730						
58	.720	.724	*	1.125	.763		.729						

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***** FICHER AD218 NO(IT)= 5
6/ 3/84 17H45 M=.695 PI 1.7 TI=TA I=-2.00 (RM) AD218
DE AD207 4ITER.

MACH DE REFERENCE= .7010 UINF= 230.513 M/S
TIV=295.4 K PIV= 1640 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.702	.697	*	PRISES DOUBLES		1	.188	53	.605	1	290.8	
2	.700	.699	*			2	.044	54	.611	2	290.2	
3	.699	.697	*	59	.700	.697	3	.143	55	.619	3	290.3
4	.700	.699	*	60	.705	.703	4	.246	56	.627	4	290.2
5	.700	.701	*	61	.704	.696	5	.330	57	.635	5	290.2
6	.699	.700	*				6	.392	58	.645	6	290.2
7	.700	.698	*	PRISES LAT. GAUCHES*		7	.439	59	.655	7	290.2	
8	.703	.699	*			8	.478	60	.666	8	290.7	
9	.705	.706	*	62	.699	.700	9	.513	61	.677	9	292.2
10	.702	.696	*	63	.702	.702	10	.553	62	.690	10	291.8
11	.701	.699	*	64	.702	.697	11	.589	63	.704	11	291.4
12	.697	.699	*	65	.704	.688	12	.628	64	.718	12	291.2
13	.700	.696	*	66	.713	.699	13	.718	65	.733	13	291.4
14	.697	.696	*	67	.727	.724	14	.782	66	.749	14	291.6
15	.698	.697	*	68	.730	.729	15	.835	67	.767	15	291.5
16	.700	.696	*	69	.728	.715	16	.864	68	.786	16	290.7
17	.701	.696	*	70	.719	.689	17	.876	69	.805	17	290.3
18	.702	.693	*	71	.708	.686	18	.881	70	.823	18	290.5
19	.701	.692	*	72	.702	.696	19	.881	71	.840	19	290.8
20	.703	.692	*	73	.707	.703	20	.878	72	.852		
21	.706	.690	*				21	.879	73	.859	I	TPG
22	.707	.686	*	PRISES LAT. DROITES*		22	.882	74	.864			
23	.709	.685	*			23	.882	75	.864	1	295.4	
24	.711	.692	*	74	.699	.700	24	.882	76	.859	2	295.4
25	.712	.702	*	75	.700	.698	25	.884	77	.856	3	295.4
26	.715	.708	*	76	.701	.698	26	.885	78	.849	4	295.3
27	.718	.714	*	77	.698	.695	27	.888	79	.841	5	295.3
28	.723	.722	*	78	.701	.697	28	.891	80	.831		
29	.726	.727	*	79	.702	.691	29	.895	81	.824		
30	.727	.730	*	80	.705	.690	30	.898	82	.818		
31	.729	.728	*	81	.710	.687	31	.903	83	.812		
32	.730	.733	*	82	.712	.701	32	.907	84	.807		
33	.730	.732	*	83	.718	.713	33	.912	85	.803		
34	.730	.726	*	84	.727	.725	34	.916	86	.804		
35	.729	.724	*	85	.729	.730	35	.921	87	.798		
36	.728	.719	*	86	.728	.731	36	.928	88	.795		
37	.726	.712	*	87	.729	.726	37	.930	89	.794		
38	.725	.704	*	88	.727	.715	38	.931	90	.786		
39	.724	.696	*	89	.723	.699	39	.925	91	.786		
40	.720	.692	*	90	.717	.690	40	.915	92	.787		
41	.718	.688	*	91	.711	.689	41	.906	93	.779		
42	.717	.686	*	92	.710	.686	42	.898	94	.777		
43	.713	.684	*	93	.704	.693	43	.891	95	.758		
44	.710	.684	*	94	.704	.695	44	.889	96	.790		
45	.707	.684	*	95	.702	.703	45	.787	97	.958		
46	.707	.685	*	96	.707	.702	46	.768	98	.967		
47	.709	.687	*				47	.744	99	1.027		
48	.708	.689	*				48	.719	100	1.010		
49	.706	.693	*				49	.691	101	.822		
50	.704	.696	*				50	.666	102	.634		
51	.705	.696	*				51	.639	103	.501		
52	.704	.697	*	PRISES COL		52	.601					
53	.705	.697	*									
54	.704	.698	*	.764	1.155		REFERENCE PROFIL					
55	.705	.699	*	.810	1.099		.701					
56	.704	.699	*	.876	.869		.702					
57	.705	.700	*	.931	.798		.701					
58	.706	.701	*	1.102	.746		.700					

***** FICHER AD219 NO(IT)= 4
 6/ 3/84 19H 5 M=.725 PI 1.7 TI=TA I=-2.00 (RM) AD219
 DE AD218 4ITER.

MACH DE REFERENCE= .7321 UINF= 240.053 M/S
 TIV=296.1 K PIV= 1682 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.732	.726	*	PRISES DOUBLES		1	.193	53	.628	1	291.3		
2	.728	.723	*			2	.043	54	.634	2	290.8		
3	.728	.725	*	59	.729	.727	3	.143	.642	3	290.5		
4	.729	.728	*	60	.734	.732	4	.251	.651	4	290.5		
5	.729	.730	*	61	.736	.726	5	.335	.659	5	290.4		
6	.728	.730	*			6	.399	58	.669	6	290.4		
7	.729	.728	*	PRISES LAT. GAUCHES		7	.449	59	.681	7	290.6		
8	.732	.729	*			8	.488	60	.691	8	291.2		
9	.734	.735	*	62	.729	.730	9	.525	.704	9	292.9		
10	.732	.725	*	63	.731	.732	10	.566	.718	10	292.6		
11	.730	.728	*	64	.732	.728	11	.604	.732	11	292.2		
12	.726	.728	*	65	.733	.713	12	.643	.747	12	291.9		
13	.729	.725	*	66	.746	.731	13	.740	.764	13	292.1		
14	.727	.726	*	67	.766	.760	14	.809	.782	14	292.4		
15	.727	.726	*	68	.765	.761	15	.872	.802	15	292.2		
16	.729	.726	*	69	.762	.743	16	.907	.824	16	290.9		
17	.731	.726	*	70	.755	.718	17	.923	.845	17	290.5		
18	.732	.723	*	71	.739	.718	18	.932	.866	18	290.6		
19	.731	.721	*	72	.734	.724	19	.932	.886	19	291.0		
20	.733	.718	*	73	.736	.735	20	.930	.902				
21	.736	.715	*			21	.930	73	.911	I	TPG		
22	.738	.714	*	PRISES LAT. DROITES		22	.935	74	.918				
23	.741	.715	*			23	.936	75	.917	1	296.1		
24	.743	.723	*	74	.729	.729	24	.938	.913	2	296.2		
25	.746	.736	*	75	.730	.729	25	.939	.909	3	296.1		
26	.750	.743	*	76	.731	.728	26	.941	.901	4	296.0		
27	.755	.751	*	77	.728	.724	27	.944	.889	5	296.1		
28	.761	.760	*	78	.731	.727	28	.948	.879				
29	.765	.765	*	79	.732	.720	29	.954	.870				
30	.766	.767	*	80	.735	.714	30	.959	.864				
31	.768	.764	*	81	.742	.717	31	.964	.859				
32	.767	.768	*	82	.744	.734	32	.970	.851				
33	.766	.766	*	83	.753	.748	33	.977	.846				
34	.764	.758	*	84	.765	.761	34	.982	.846				
35	.762	.754	*	85	.766	.765	35	.990	.841				
36	.762	.748	*	86	.764	.764	36	.998	.836				
37	.761	.740	*	87	.762	.755	37	1.003	.835				
38	.760	.731	*	88	.761	.743	38	1.001	.825				
39	.760	.724	*	89	.759	.727	39	.992	.824				
40	.757	.720	*	90	.753	.719	40	.981	.824				
41	.755	.716	*	91	.744	.718	41	.972	.813				
42	.754	.714	*	92	.740	.719	42	.965	.807				
43	.749	.713	*	93	.735	.723	43	.948	.785				
44	.743	.713	*	94	.737	.724	44	.840	.815				
45	.740	.714	*	95	.733	.730	45	.823	1.020				
46	.738	.716	*	96	.736	.730	46	.801	1.031				
47	.740	.719	*			47	.775	99	1.092				
48	.739	.721	*			48	.748	100	1.057				
49	.738	.723	*			49	.718	101	.849				
50	.736	.724	*			50	.691	102	.652				
51	.737	.724	*			51	.663	103	.514				
52	.735	.727	*	PRISES COL		52	.624						
53	.735	.728	*										
54	.734	.729	*	.796	1.178		REFERENCE PROFIL						
55	.734	.730	*	.839	.943		.731						
56	.734	.730	*	.839	.855		.731						
57	.734	.728	*	.950	.804		.731						
58	.734	.726	*	1.121	.753		.730						

***** FICHER AD220 N0(IT)= 4
6/ 3/84 18H20 M=.760 PI 1.7 TI=TA I=-2.00 (RM) AD220
DE AD219 4ITER.

MACH DE REFERENCE= .7667 UINF= 250.406 M/S
TIV=296.5 K PIV= 1735 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.768	.762	*	PRISES DOUBLES		1	.199	53	.654	1	290.9
2	.766	.765	*			2	.042	54	.660	2	290.6
3	.766	.762	*	59	.764	.761	3	.144	.669	3	290.5
4	.765	.764	*	60	.769	.767	4	.253	.679	4	290.4
5	.766	.767	*	61	.768	.757	5	.340	.687	5	290.3
6	.765	.766	*				6	.405	.699	6	290.1
7	.765	.763	*	PRISES LAT. GAUCHES		7	.456	59	.710	7	290.2
8	.767	.761	*			8	.497	60	.722	8	290.6
9	.768	.768	*	62	.765	.766	9	.535	.736	9	293.1
10	.766	.759	*	63	.763	.766	10	.577	.750	10	292.7
11	.765	.764	*	64	.766	.759	11	.617	.766	11	292.8
12	.761	.766	*	65	.770	.751	12	.658	.782	12	291.8
13	.763	.762	*	66	.782	.763	13	.761	.800	13	292.0
14	.760	.762	*	67	.806	.803	14	.834	.820	14	292.7
15	.761	.763	*	68	.807	.805	15	.907	.842	15	292.0
16	.763	.761	*	69	.803	.780	16	.950	.867	16	290.8
17	.765	.757	*	70	.796	.752	17	.972	.893	17	290.7
18	.768	.751	*	71	.776	.749	18	.985	.919	18	290.7
19	.767	.751	*	72	.766	.758	19	.988	.945	19	291.2
20	.769	.754	*	73	.771	.768	20	.996	.966		
21	.772	.752	*				21	.988	.980	I	TPG
22	.773	.748	*	PRISES LAT. DROITES		22	.997	74	.992		
23	.776	.745	*			23	1.000	75	.992	1	296.0
24	.779	.753	*	74	.765	.765	24	1.001	.985	2	296.0
25	.782	.767	*	75	.766	.764	25	1.003	.978	3	296.5
26	.788	.777	*	76	.765	.761	26	1.004	.965	4	296.5
27	.794	.788	*	77	.761	.761	27	1.008	.950	5	296.5
28	.801	.801	*	78	.765	.758	28	1.014	.936		
29	.805	.809	*	79	.768	.749	29	1.022	.925		
30	.807	.813	*	80	.771	.752	30	1.029	.916		
31	.809	.809	*	81	.777	.748	31	1.038	.909		
32	.807	.814	*	82	.780	.766	32	1.047	.900		
33	.806	.810	*	83	.792	.786	33	1.057	.894		
34	.804	.800	*	84	.805	.804	34	1.068	.894		
35	.802	.794	*	85	.807	.810	35	1.080	.888		
36	.803	.786	*	86	.804	.807	36	1.098	.882		
37	.802	.777	*	87	.803	.796	37	1.115	.879		
38	.802	.766	*	88	.802	.780	38	1.131	.867		
39	.802	.758	*	89	.801	.762	39	1.117	.864		
40	.799	.754	*	90	.793	.753	40	1.100	.862		
41	.795	.749	*	91	.783	.751	41	1.098	.848		
42	.795	.747	*	92	.778	.750	42	1.093	.836		
43	.790	.746	*	93	.769	.757	43	.923	.842		
44	.783	.746	*	94	.768	.758	44	.863	.837		
45	.780	.746	*	95	.767	.759	45	.851	.97	1.093	
46	.777	.747	*	96	.771	.759	46	.829	.98	1.104	
47	.778	.750	*				47	.802	.99	1.175	
48	.775	.753	*				48	.775	100	1.094	
49	.772	.757	*				49	.744	101	.871	
50	.768	.759	*				50	.716	102	.669	
51	.769	.758	*				51	.687	103	.524	
52	.767	.758	*	PRISES COL		52	.649				
53	.769	.761	*								
54	.769	.763	*	.835	1.205		REFERENCE PROFIL				
55	.770	.763	*	.873	.900		.766				
56	.769	.763	*	.927	.852		.766				
57	.769	.758	*	.973	.820		.766				
58	.767	.747	*	1.140	.789		.765				

***** FICHER AD221 N0(IT)= 5
 7/ 3/85 9H45 M=.725 PI 1.7 TI=TA I=-1.00 (RM) AD221
 DE AD207 4ITER.

MACH DE REFERENCE= .7320 UINF= 238.552 M/S
 TIV=292.5 K PIV= 1678 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.733	.724	*	PRISES DOUBLES		1	.117	53	.627	1	288.8
2	.730	.727	*			2	.135	54	.633	2	287.9
3	.730	.725	*	59	.728	.724	3	.245	.640	3	288.6
4	.730	.727	*	60	.734	.731	4	.354	.648	4	288.7
5	.730	.730	*	61	.736	.727	5	.440	.657	5	288.6
6	.729	.728	*				6	.498	.666	6	288.6
7	.728	.725	*	PRISES LAT. GAUCHES*		7	.542	59	.677	7	288.7
8	.731	.726	*			8	.577	60	.688	8	288.5
9	.732	.732	*	62	.730	.729	9	.611	.700	9	289.6
10	.732	.724	*	63	.730	.731	10	.650	.714	10	289.2
11	.732	.729	*	64	.734	.723	11	.687	.728	11	288.8
12	.730	.730	*	65	.739	.712	12	.727	.742	12	288.6
13	.734	.726	*	66	.757	.713	13	.826	.758	13	288.8
14	.731	.726	*	67	.773	.746	14	.893	.774	14	289.2
15	.731	.726	*	68	.774	.751	15	.961	.793	15	289.3
16	.732	.724	*	69	.770	.735	16	.995	.813	16	289.5
17	.733	.722	*	70	.760	.713	17	1.007	.834	17	289.2
18	.735	.719	*	71	.741	.712	18	1.011	.852	18	289.5
19	.735	.718	*	72	.735	.726	19	1.006	.870	19	289.6
20	.737	.717	*	73	.737	.733	20	.995	.883		
21	.741	.714	*				21	.991	.73	I	TPG
22	.745	.708	*	PRISES LAT. DROITES*		22	.991	74	.893		
23	.749	.704	*			23	.988	75	.889	1	292.3
24	.753	.706	*	74	.730	.728	24	.985	.76	2	292.3
25	.756	.715	*	75	.729	.725	25	.982	.77	3	292.3
26	.760	.721	*	76	.730	.726	26	.982	.78	4	292.3
27	.764	.729	*	77	.731	.725	27	.982	.79	5	292.3
28	.769	.741	*	78	.733	.723	28	.985	.80		
29	.772	.749	*	79	.736	.717	29	.988	.81		
30	.772	.753	*	80	.740	.713	30	.991	.82		
31	.775	.751	*	81	.750	.706	31	.996	.83		
32	.774	.757	*	82	.754	.714	32	1.000	.84		
33	.774	.755	*	83	.763	.728	33	1.005	.85		
34	.772	.748	*	84	.772	.746	34	1.009	.86		
35	.771	.744	*	85	.774	.753	35	1.015	.87		
36	.771	.739	*	86	.772	.753	36	1.023	.88		
37	.768	.732	*	87	.771	.746	37	1.024	.89		
38	.767	.724	*	88	.769	.735	38	1.018	.90		
39	.766	.718	*	89	.764	.721	39	1.008	.91		
40	.762	.714	*	90	.758	.714	40	.999	.92		
41	.759	.711	*	91	.752	.712	41	.992	.93		
42	.760	.709	*	92	.743	.714	42	.974	.94		
43	.756	.708	*	93	.736	.721	43	.874	.95		
44	.752	.708	*	94	.737	.725	44	.855	.96		
45	.748	.708	*	95	.735	.735	45	.832	.97		
46	.745	.710	*	96	.737	.735	46	.804	.98		
47	.743	.713	*				47	.775	.99		
48	.740	.717	*				48	.747	100		
49	.738	.721	*				49	.716	101		
50	.736	.725	*				50	.689	102		
51	.732	.726	*				51	.660	103		
52	.736	.728	*	PRISES COL		52	.623				
53	.737	.728	*								
54	.736	.729	*	.795	1.179		REFERENCE PROFIL				
55	.737	.729	*	.838	.960		.730				
56	.735	.730	*	.898	.857		.730				
57	.735	.731	*	.949	.805		.731				
58	.733	.735	*	1.121	.763		.729				

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OF POOR QUALITY

***** FICHER AD223 N0(IT)= 4
7/ 3/85 15H55 M=.775 PI 1.7 TI=TA I=-1.00 (RM) AD223
DE AD209 4ITER.

MACH DE REFERENCE= .7821 UINF= 254.023 M/S
TIV=294.5 K PIV= 1748 MB

MACH PAROIS						MACH PROFIL						T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR			
1	.786	.775	*	PRISES DOUBLES		*	1	.114	53	.668	*	1	290.7	
2	.785	.780	*			*	2	.117	54	.673	*	2	289.4	
3	.784	.779	*	59	.781	.779	*	3	.229	55	.682	*	3	289.4
4	.781	.779	*	60	.787	.781	*	4	.342	56	.690	*	4	289.5
5	.780	.781	*	61	.785	.774	*	5	.429	57	.699	*	5	289.5
6	.780	.782	*				*	6	.490	58	.709	*	6	289.3
7	.781	.780	*	PRISES LAT. GAUCHES		*	7	.537	59	.721	*	7	289.2	
8	.782	.776	*			*	8	.575	60	.734	*	8	288.5	
9	.783	.782	*	62	.782	.782	*	9	.611	61	.747	*	9	291.5
10	.784	.773	*	63	.779	.780	*	10	.652	62	.762	*	10	291.0
11	.783	.777	*	64	.785	.775	*	11	.692	63	.777	*	11	290.4
12	.779	.776	*	65	.788	.755	*	12	.733	64	.793	*	12	290.1
13	.781	.773	*	66	.814	.762	*	13	.840	65	.811	*	13	290.5
14	.778	.775	*	67	.836	.803	*	14	.916	66	.832	*	14	291.0
15	.780	.777	*	68	.840	.812	*	15	.998	67	.854	*	15	291.2
16	.780	.775	*	69	.836	.790	*	16	1.046	68	.879	*	16	290.3
17	.784	.773	*	70	.821	.761	*	17	1.071	69	.905	*	17	290.0
18	.787	.768	*	71	.792	.761	*	18	1.089	70	.931	*	18	290.3
19	.786	.763	*	72	.786	.773	*	19	1.102	71	.957	*	19	290.6
20	.786	.759	*	73	.786	.787	*	20	1.106	72	.978	*		
21	.790	.756	*				*	21	1.108	73	.990	*	I	TPG
22	.794	.755	*	PRISES LAT. DROITES		*	22	1.111	74	.998	*			
23	.801	.752	*			*	23	1.110	75	.993	*	1	294.5	
24	.808	.755	*	74	.782	.782	*	24	1.111	76	.981	*	2	294.5
25	.814	.766	*	75	.782	.779	*	25	1.113	77	.971	*	3	294.5
26	.820	.773	*	76	.782	.775	*	26	1.114	78	.955	*	4	294.4
27	.826	.783	*	77	.779	.772	*	27	1.116	79	.938	*	5	294.4
28	.832	.798	*	78	.784	.774	*	28	1.117	80	.921	*		
29	.836	.808	*	79	.787	.762	*	29	1.120	81	.908	*		
30	.837	.814	*	80	.789	.756	*	30	1.121	82	.896	*		
31	.841	.812	*	81	.802	.755	*	31	1.122	83	.886	*		
32	.841	.819	*	82	.811	.765	*	32	1.124	84	.875	*		
33	.841	.817	*	83	.824	.782	*	33	1.127	85	.866	*		
34	.839	.808	*	84	.835	.803	*	34	1.133	86	.862	*		
35	.837	.803	*	85	.839	.812	*	35	1.142	87	.851	*		
36	.838	.796	*	86	.838	.813	*	36	1.158	88	.839	*		
37	.835	.787	*	87	.837	.804	*	37	1.176	89	.830	*		
38	.833	.775	*	88	.835	.789	*	38	1.189	90	.815	*		
39	.831	.766	*	89	.829	.770	*	39	1.171	91	.817	*		
40	.826	.762	*	90	.818	.761	*	40	1.163	92	.806	*		
41	.821	.758	*	91	.803	.760	*	41	1.164	93	.794	*		
42	.820	.756	*	92	.794	.762	*	42	1.157	94	.788	*		
43	.811	.755	*	93	.786	.768	*	43	1.065	95	.763	*		
44	.802	.755	*	94	.788	.772	*	44	.937	96	.795	*		
45	.798	.755	*	95	.784	.776	*	45	.857	97	.873	*		
46	.794	.758	*	96	.785	.776	*	46	.819	98	.906	*		
47	.793	.762	*				*	47	.793	99	.938	*		
48	.791	.765	*				*	48	.769	100	.925	*		
49	.790	.768	*				*	49	.742	101	.944	*		
50	.786	.770	*				*	50	.718	102	.957	*		
51	.789	.773	*				*	51	.693	103	.915	*		
52	.785	.776	*	PRISES COL		*	52	.667						
53	.787	.779	*				*							
54	.787	.782	*	.853	1.217		*	REFERENCE PROFIL						
55	.788	.780	*	.890	.878		*	.782						
56	.786	.779	*	.940	.945		*	.782						
57	.784	.775	*	.984	.922		*	.782						
58	.779	.765	*	1.150	.795		*	.781						

***** FICHER AD224 N0(1T)= 4
 7/ 3/85 16H55 M=.775 PI 1.7 TI=TA I=-0.00 (RM) AD224
 DE AD205 4ITER.

MACH DE REFERENCE= .7823 UINF= 254.289 M/S
 TIV=295.0 K PIV= 1749 MB

MACH PARDIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.789	.774	*	PRISES DOUBLES		1	.057	53	.675	1	291.2	
2	.789	.781	*			2	.201	54	.679	2	289.0	
3	.786	.779	*	59	.784	.776	3	.316	.685	3	289.3	
4	.781	.779	*	60	.788	.781	4	.432	.693	4	289.5	
5	.778	.780	*	61	.786	.774	5	.521	.701	5	289.7	
6	.781	.781	*			6	.576	58	.710	6	289.7	
7	.784	.779	*	PRISES LAT. GAUCHES*		7	.617	59	.721	7	289.6	
8	.784	.774	*			8	.651	60	.733	8	289.2	
9	.784	.779	*	62	.783	.783	9	.683	.745	9	291.8	
10	.785	.773	*	63	.780	.780	10	.722	.760	10	291.5	
11	.783	.778	*	64	.789	.770	11	.760	.775	11	291.0	
12	.777	.778	*	65	.797	.753	12	.801	.790	12	290.9	
13	.781	.775	*	66	.823	.749	13	.910	.807	13	291.1	
14	.781	.777	*	67	.857	.786	14	.985	.825	14	291.6	
15	.784	.778	*	68	.859	.801	15	1.071	.847	15	291.7	
16	.785	.774	*	69	.847	.785	16	1.115	.871	16	290.8	
17	.788	.769	*	70	.825	.756	17	1.148	.894	17	289.9	
18	.789	.760	*	71	.798	.759	18	1.166	.917	18	290.3	
19	.790	.758	*	72	.788	.773	19	1.180	.939	19	290.9	
20	.793	.760	*	73	.781	.787	20	1.186	.955			
21	.798	.755	*			21	1.188	73	.961	I	TPG	
22	.802	.745	*	PRISES LAT. DROITES*		22	1.196	74	.965			
23	.809	.738	*			23	1.200	75	.957	1	295.0	
24	.816	.742	*	74	.783	.783	24	1.203	76	.944	2	295.0
25	.823	.751	*	75	.785	.777	25	1.206	77	.933	3	295.0
26	.831	.757	*	76	.784	.775	26	1.208	78	.918	4	295.0
27	.841	.766	*	77	.788	.774	27	1.211	79	.900	5	295.0
28	.851	.779	*	78	.789	.770	28	1.211	80	.883		
29	.857	.788	*	79	.791	.756	29	1.216	81	.869		
30	.860	.795	*	80	.797	.755	30	1.222	82	.856		
31	.864	.795	*	81	.810	.741	31	1.226	83	.844		
32	.864	.804	*	82	.820	.751	32	1.236	84	.832		
33	.862	.803	*	83	.839	.765	33	1.243	85	.821		
34	.858	.797	*	84	.856	.785	34	1.250	86	.814		
35	.853	.794	*	85	.861	.797	35	1.257	87	.799		
36	.851	.788	*	86	.857	.800	36	1.269	88	.783		
37	.846	.779	*	87	.852	.795	37	1.271	89	.766		
38	.841	.768	*	88	.847	.782	38	1.257	90	.753		
39	.837	.760	*	89	.836	.765	39	1.257	91	.755		
40	.831	.753	*	90	.822	.757	40	1.213	92	.737		
41	.825	.752	*	91	.808	.758	41	1.185	93	.728		
42	.824	.750	*	92	.800	.759	42	.994	94	.725		
43	.816	.751	*	93	.790	.766	43	.921	95	.721		
44	.807	.753	*	94	.789	.773	44	.877	96	.727		
45	.803	.754	*	95	.786	.774	45	.844	97	.726		
46	.800	.757	*	96	.781	.774	46	.816	98	.765		
47	.799	.760	*			47	.790	99	.819			
48	.797	.763	*			48	.766	100	.754			
49	.794	.767	*			49	.742	101	.686			
50	.789	.771	*			50	.719	102	.439			
51	.792	.774	*			51	.697	103	.304			
52	.786	.775	*	PRISES COL		52	.676					
53	.789	.779	*			REFERENCE PROFIL						
54	.789	.782	*	.855	1.214		.782					
55	.789	.780	*	.891	.872		.783					
56	.785	.778	*	.941	.842		.782					
57	.781	.773	*	.985	.823		.782					
58	.769	.762	*	1.150	.795		.781					

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***** FICHER AD225 N0(IT)= 6
7/ 3/85 17H45 M=.775 PI=1.7 TI=TA I=-0.50 (RM) AD225
DE AD225 4ITER.

MACH DE REFERENCE= .7857 UINF= 255.522 M/S
TIV=295.6 K PIV= 1752 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.787	.775	PRISES DOUBLES			1	.074	53	.677	1	290.8
2	.786	.780				2	.156	54	.680	2	289.8
3	.785	.776	59	.783	.777	3	.270	55	.687	3	289.8
4	.782	.777	60	.788	.784	4	.384	56	.694	4	289.2
5	.780	.779	61	.789	.775	5	.473	57	.703	5	289.2
6	.781	.780				6	.532	58	.713	6	289.2
7	.783	.779	PRISES LAT. GAUCHES			7	.576	59	.724	7	289.2
8	.784	.777				8	.612	60	.736	8	288.3
9	.785	.784	62	.783	.780	9	.646	61	.749	9	291.6
10	.785	.776	63	.780	.784	10	.686	62	.764	10	291.2
11	.783	.780	64	.789	.773	11	.725	63	.780	11	290.7
12	.778	.779	65	.793	.757	12	.767	64	.795	12	290.5
13	.782	.775	66	.823	.758	13	.875	65	.814	13	290.8
14	.780	.776	67	.851	.798	14	.955	66	.833	14	291.3
15	.783	.777	68	.856	.812	15	1.037	67	.856	15	291.4
16	.784	.774	69	.847	.793	16	1.087	68	.881	16	290.7
17	.788	.771	70	.825	.760	17	1.113	69	.906	17	289.7
18	.790	.765	71	.796	.763	18	1.130	70	.932	18	290.1
19	.789	.762	72	.790	.776	19	1.145	71	.957	19	290.8
20	.789	.762	73	.798	.787	20	1.148	72	.977		
21	.794	.759				21	1.153	73	.987	I	TPC
22	.801	.752	PRISES LAT. DROITES			22	1.160	74	.992		
23	.809	.747				23	1.163	75	.984	1	295.5
24	.816	.750	74	.783	.779	24	1.165	76	.971	2	295.5
25	.822	.760	75	.784	.780	25	1.167	77	.959	3	295.5
26	.829	.768	76	.783	.778	26	1.170	78	.943	4	295.5
27	.837	.777	77	.780	.774	27	1.173	79	.924	5	295.5
28	.845	.791	78	.788	.772	28	1.171	80	.907		
29	.850	.801	79	.790	.761	29	1.177	81	.893		
30	.853	.809	80	.794	.758	30	1.181	82	.880		
31	.858	.809	81	.811	.750	31	1.184	83	.869		
32	.859	.818	82	.819	.760	32	1.191	84	.856		
33	.858	.817	83	.835	.777	33	1.196	85	.847		
34	.856	.810	84	.850	.798	34	1.202	86	.841		
35	.853	.806	85	.855	.809	35	1.211	87	.827		
36	.851	.799	86	.853	.813	36	1.226	88	.812		
37	.846	.789	87	.851	.807	37	1.239	89	.798		
38	.841	.776	88	.847	.792	38	1.248	90	.784		
39	.837	.766	89	.836	.770	39	1.233	91	.783		
40	.830	.761	90	.822	.760	40	1.230	92	.773		
41	.825	.756	91	.808	.759	41	1.181	93	.765		
42	.823	.754	92	.798	.765	42	1.061	94	.759		
43	.815	.752	93	.790	.772	43	.949	95	.762		
44	.807	.754	94	.792	.775	44	.889	96	.767		
45	.802	.755	95	.789	.782	45	.852	97	.783		
46	.799	.759	96	.787	.784	46	.823	98	.835		
47	.797	.765				47	.796	99	.906		
48	.795	.769				48	.771	100	.842		
49	.794	.772				49	.745	101	.678		
50	.790	.774				50	.720	102	.500		
51	.785	.776				51	.697	103	.362		
52	.789	.777	PRISES COL			52	.674				
53	.792	.779									
54	.792	.782	.855	1.218		REFERENCE PROFIL					
55	.792	.781	.892	.876		.782					
56	.789	.781	.942	.845		.783					
57	.786	.780	.985	.823		.783					
58	.780	.776	1.151	.796		.782					

***** FICHER AD227 N0(IT)= 4
 8/ 3/84 10H20 M=.725 PI=2.5 TI=TA I=-0.25 (RM) AD227
 DE AD226 5ITER.

MACH DE REFERENCE= .7346 UINF= 240.793 M/S
 TIV=296.1 K PIV= 2509 MB

MACH PAROIS			MACH PROFIL			T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	TPR
1	.734	.725	*	PRISES DOUBLES		1	292.1
2	.728	.725	*			2	290.3
3	.730	.724	*	59	.727	3	290.5
4	.734	.732	*	60	.736	4	290.5
5	.735	.736	*	61	.739	5	290.6
6	.729	.729	*			6	290.7
7	.727	.723	*	PRISES LAT. GAUCHES*		7	290.8
8	.734	.728	*			8	291.6
9	.738	.739	*	62	.731	9	292.7
10	.734	.724	*	63	.736	10	292.4
11	.734	.730	*	64	.737	11	291.9
12	.733	.734	*	65	.743	12	291.9
13	.736	.728	*	66	.764	13	292.0
14	.731	.725	*	67	.780	14	292.5
15	.731	.727	*	68	.778	15	292.6
16	.734	.728	*	69	.772	16	291.1
17	.737	.725	*	70	.766	17	291.0
18	.740	.719	*	71	.742	18	290.9
19	.740	.718	*	72	.736	19	291.5
20	.742	.717	*	73	.745	20	
21	.746	.714	*			21	TPG
22	.750	.707	*	PRISES LAT. DROITES*		22	
23	.755	.703	*			23	
24	.759	.706	*	74	.731	24	296.1
25	.763	.714	*	75	.728	25	296.1
26	.767	.721	*	76	.732	26	296.0
27	.771	.727	*	77	.731	27	296.0
28	.776	.738	*	78	.737	28	
29	.779	.745	*	79	.740	29	
30	.779	.750	*	80	.745	30	
31	.781	.749	*	81	.756	31	
32	.780	.754	*	82	.763	32	
33	.778	.754	*	83	.770	33	
34	.776	.748	*	84	.778	34	
35	.773	.746	*	85	.780	35	
36	.773	.741	*	86	.776	36	
37	.771	.734	*	87	.774	37	
38	.770	.727	*	88	.772	38	
39	.770	.720	*	89	.769	39	
40	.767	.718	*	90	.763	40	
41	.764	.713	*	91	.755	41	
42	.764	.712	*	92	.743	42	
43	.760	.711	*	93	.738	43	
44	.754	.712	*	94	.738	44	
45	.750	.713	*	95	.733	45	
46	.746	.715	*	96	.744	46	
47	.743	.719	*			47	
48	.741	.721	*			48	
49	.741	.723	*			49	
50	.740	.726	*			50	
51	.739	.724	*			51	
52	.739	.731	*	PRISES COL		52	
53	.737	.730	*				
54	.734	.729	*	.796	1.179		REFERENCE PROFIL
55	.736	.731	*	.825	1.244		.732
56	.739	.734	*	.898	1.349		.734
57	.742	.731	*	.950	.912		.732
58	.744	.728	*	1.122	.842		.730

***** FICHER AD228 NO(IT)= 4
8/ 3/84 11H 0 M=.725 PI=2.9 TI=TA I=-0.25 (RMP) AD228
DE AD227 4 IEME ITE

MACH DE REFERENCE= .7299 UINF= 239.740 M/S
TIV=297.0 K PIV= 2900 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.730	.721	*	PRISES DOUBLES		1	.092	53	.649	1	293.5
2	.725	.722	*			2	.203	54	.649	2	291.7
3	.727	.721	*	59	.724	.718	3	.311	55	3	291.7
4	.731	.729	*	60	.733	.729	4	.421	56	4	291.6
5	.731	.732	*	61	.737	.726	5	.505	57	5	291.8
6	.726	.726	*			6	.557	58	.674	6	291.9
7	.725	.721	*	PRISES LAT. GAUCHES		7	.598	59	.682	7	292.0
8	.731	.724	*			8	.631	60	.692	8	292.7
9	.734	.735	*	62	.727	.729	9	.661	61	9	294.0
10	.730	.721	*	63	.734	.729	10	.702	62	10	293.7
11	.730	.727	*	64	.733	.723	11	.736	63	11	293.2
12	.728	.731	*	65	.741	.707	12	.775	64	12	293.0
13	.733	.725	*	66	.760	.709	13	.875	65	13	293.3
14	.729	.722	*	67	.774	.737	14	.947	66	14	293.0
15	.729	.723	*	68	.773	.745	15	1.015	67	15	293.9
16	.732	.724	*	69	.767	.731	16	1.059	68	16	292.1
17	.732	.721	*	70	.760	.711	17	1.061	69	17	292.3
18	.733	.715	*	71	.741	.713	18	1.063	70	18	291.8
19	.733	.713	*	72	.731	.722	19	1.052	71	19	292.7
20	.738	.712	*	73	.738	.731	20	1.027	72		
21	.744	.710	*			21	1.015	73	.875	I	TPG
22	.747	.706	*	PRISES LAT. DROITES		22	1.013	74	.877		
23	.751	.702	*			23	1.003	75	.874	1	296.9
24	.754	.703	*	74	.729	.727	24	.981	76	2	296.9
25	.759	.710	*	75	.725	.721	25	.980	77	3	296.9
26	.763	.716	*	76	.729	.723	26	.979	78	4	296.8
27	.767	.722	*	77	.728	.722	27	.980	79	5	296.8
28	.771	.732	*	78	.733	.722	28	.983	80		
29	.772	.740	*	79	.734	.712	29	.986	81		
30	.773	.744	*	80	.743	.708	30	.987	82		
31	.775	.743	*	81	.752	.705	31	.988	83		
32	.773	.749	*	82	.758	.710	32	.992	84		
33	.772	.748	*	83	.765	.721	33	.993	85		
34	.770	.743	*	84	.772	.738	34	.996	86		
35	.767	.740	*	85	.774	.744	35	.999	87		
36	.767	.735	*	86	.771	.745	36	1.003	88		
37	.766	.729	*	87	.769	.741	37	.999	89		
38	.765	.721	*	88	.766	.731	38	.992	90		
39	.765	.716	*	89	.764	.717	39	.974	91		
40	.761	.713	*	90	.757	.712	40	.953	92		
41	.759	.709	*	91	.749	.712	41	.928	93		
42	.759	.707	*	92	.743	.713	42	.900	94		
43	.754	.707	*	93	.734	.720	43	.874	95		
44	.749	.707	*	94	.734	.721	44	.843	96		
45	.744	.709	*	95	.732	.731	45	.814	97		
46	.743	.710	*	96	.737	.730	46	.783	98		
47	.743	.714	*			47	.753	99	.800		
48	.739	.715	*			48	.727	100	.743		
49	.737	.720	*			49	.702	101	.605		
50	.734	.724	*			50	.682	102	.443		
51	.733	.722	*			51	.664	103	.316		
52	.737	.729	*	PRISES COL		52	.650				
53	.736	.726	*								
54	.734	.726	*	.791	1.177						
55	.734	.728	*	.835	1.246						
56	.736	.730	*	.896	.929						
57	.735	.729	*	.948	.833						
58	.736	.728	*	1.122	.795						
							REFERENCE PROFIL				
							.728				
							.730				
							.728				
							.725				

***** FICHER AD229 NO(IT)= 4
 8/ 3/85 11H55 M=.723 PI=3.3 TI=TA I=-0.25 (RMP) AD229
 DE AD228 4 IEME ITE

MACH DE REFERENCE= .7299 UINF= 239.878 M/S
 TIV=297.3 K PIV= 3301 MB

MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.731	.722	*	PRISES DOUBLES		1	.085	53	.649	1	293.7	
2	.724	.722	*			2	.201	54	.649	2	292.1	
3	.727	.721	*	59	.724 .718	3	.308	55	.653	3	292.3	
4	.731	.729	*	60	.733 .730	4	.421	56	.659	4	292.0	
5	.731	.733	*	61	.735 .724	5	.505	57	.665	5	292.1	
6	.726	.726	*			6	.556	58	.674	6	292.1	
7	.724	.720	*	PRISES LAT. GAUCHES		7	.597	59	.682	7	292.1	
8	.731	.724	*			8	.630	60	.691	8	292.8	
9	.734	.736	*	62	.727 .730	9	.660	61	.703	9	294.1	
10	.730	.721	*	63	.735 .729	10	.702	62	.716	10	293.8	
11	.730	.727	*	64	.733 .724	11	.736	63	.729	11	293.3	
12	.729	.731	*	65	.741 .707	12	.775	64	.742	12	293.1	
13	.733	.724	*	66	.759 .711	13	.874	65	.757	13	293.4	
14	.729	.722	*	67	.774 .739	14	.946	66	.769	14	293.9	
15	.729	.723	*	68	.772 .746	15	1.014	67	.787	15	294.1	
16	.732	.724	*	69	.766 .732	16	1.056	68	.807	16	292.8	
17	.732	.721	*	70	.760 .711	17	1.059	69	.826	17	292.9	
18	.733	.715	*	71	.739 .714	18	1.060	70	.843	18	292.5	
19	.733	.713	*	72	.733 .720	19	1.050	71	.860	19	293.3	
20	.738	.712	*	73	.737 .732	20	1.022	72	.870			
21	.745	.710	*			21	1.010	73	.874	I	TPG	
22	.747	.706	*	PRISES LAT. DROITES		22	1.011	74	.876			
23	.751	.702	*			23	.992	75	.872	1	297.2	
24	.753	.703	*	74	.728 .728	24	.988	76	.863	2	297.2	
25	.758	.710	*	75	.726 .720	25	.985	77	.857	3	297.2	
26	.762	.716	*	76	.729 .723	26	.981	78	.846	4	297.1	
27	.766	.722	*	77	.728 .722	27	.982	79	.834	5	297.1	
28	.770	.733	*	78	.733 .722	28	.983	80	.820			
29	.772	.740	*	79	.733 .712	29	.986	81	.810			
30	.772	.745	*	80	.743 .709	30	.987	82	.800			
31	.774	.743	*	81	.752 .705	31	.987	83	.791			
32	.772	.749	*	82	.758 .710	32	.991	84	.781			
33	.771	.748	*	83	.765 .722	33	.992	85	.777			
34	.769	.742	*	84	.772 .739	34	.993	86	.770			
35	.766	.740	*	85	.774 .745	35	.996	87	.757			
36	.767	.736	*	86	.770 .746	36	.999	88	.743			
37	.765	.729	*	87	.768 .742	37	.997	89	.735			
38	.764	.722	*	88	.766 .731	38	.990	90	.717			
39	.764	.716	*	89	.763 .718	39	.973	91	.730			
40	.761	.714	*	90	.756 .711	40	.951	92	.710			
41	.758	.710	*	91	.749 .712	41	.926	93	.700			
42	.758	.708	*	92	.741 .714	42	.899	94	.700			
43	.753	.707	*	93	.735 .720	43	.873	95	.698			
44	.748	.708	*	94	.735 .719	44	.842	96	.702			
45	.743	.709	*	95	.730 .725	45	.813	97	.705			
46	.741	.711	*	96	.736 .725	46	.781	98	.746			
47	.740	.716	*			47	.752	99	.802			
48	.738	.717	*			48	.726	100	.745			
49	.738	.720	*			49	.701	101	.686			
50	.736	.723	*			50	.682	102	.443			
51	.734	.720	*			51	.664	103	.315			
52	.736	.727	*	PRISES COL		52	.651					
53	.734	.726	*									
54	.731	.726	*			REFERENCE PROFIL						
55	.732	.729	*	.789	1.177		.727					
56	.734	.731	*	.835	1.245		.730					
57	.735	.725	*	.896	.909		.728					
58	.735	.717	*	1.122	.781		.724					

ORIGINAL PAGE IS
OF POOR QUALITY

***** FICHER AD230 N0(IT)= 4
8/ 3/85 16H15 M=.723 PI=2.9 TI=240 I=-0.25 (RMPT) AD230
DE AD229 4 IEME ITE

MACH DE REFERENCE= .7299 UINF= 215.723 M/S
TIV=240.4 K PIV= 2903 MB

MACH PAROIS						MACH PROFIL					
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.731	.721	*	PRISES DOUBLES		1	.073	53	.649	1	236.9
2	.726	.724	*			2	.188	54	.649	2	234.9
3	.727	.722	*	59	.726	.721	3	.299	.653	3	234.9
4	.729	.728	*	60	.735	.732	4	.412	.659	4	235.2
5	.728	.732	*	61	.734	.724	5	.497	.666	5	235.1
6	.726	.727	*				6	.548	.674	6	235.0
7	.726	.723	*	PRISES LAT. GAUCHES		7	.589	58	.682	7	234.9
8	.732	.724	*			8	.623	60	.692	8	235.7
9	.734	.735	*	62	.727	.731	9	.653	.704	9	237.3
10	.733	.723	*	63	.735	.732	10	.696	.717	10	236.3
11	.731	.730	*	64	.734	.723	11	.730	.731	11	235.9
12	.728	.732	*	65	.737	.706	12	.768	.743	12	236.2
13	.733	.726	*	66	.759	.711	13	.867	.759	13	236.3
14	.730	.722	*	67	.773	.740	14	.942	.773	14	236.3
15	.729	.722	*	68	.771	.747	15	1.005	.791	15	236.5
16	.732	.721	*	69	.766	.733	16	1.063	.810	16	236.5
17	.733	.720	*	70	.760	.712	17	1.054	.829	17	235.0
18	.735	.718	*	71	.736	.712	18	1.051	.847	18	235.3
19	.733	.715	*	72	.733	.722	19	1.038	.863	19	237.0
20	.735	.711	*	73	.736	.732	20	.999	.873		
21	.739	.708	*				21	1.000	.877	I	TPG
22	.742	.706	*	PRISES LAT. DROITES		22	1.014	74	.880		
23	.747	.703	*			23	.995	75	.875	1	240.8
24	.752	.704	*	74	.727	.729	24	.999	.866	2	240.9
25	.758	.711	*	75	.729	.723	25	.984	.860	3	240.6
26	.762	.717	*	76	.731	.725	26	.979	.849	4	240.2
27	.766	.723	*	77	.729	.723	27	.980	.836	5	240.4
28	.769	.734	*	78	.733	.721	28	.981	.823		
29	.771	.741	*	79	.733	.714	29	.982	.813		
30	.771	.746	*	80	.738	.707	30	.983	.803		
31	.773	.745	*	81	.748	.705	31	.983	.793		
32	.772	.751	*	82	.758	.710	32	.987	.783		
33	.770	.750	*	83	.765	.723	33	.987	.778		
34	.768	.744	*	84	.771	.740	34	.989	.774		
35	.765	.742	*	85	.772	.746	35	.992	.760		
36	.765	.737	*	86	.769	.747	36	.996	.748		
37	.764	.730	*	87	.767	.743	37	.992	.739		
38	.763	.723	*	88	.765	.733	38	.984	.721		
39	.764	.717	*	89	.763	.719	39	.968	.727		
40	.760	.715	*	90	.757	.712	40	.947	.715		
41	.758	.710	*	91	.750	.712	41	.923	.704		
42	.758	.709	*	92	.739	.713	42	.895	.699		
43	.755	.707	*	93	.734	.720	43	.869	.696		
44	.749	.708	*	94	.736	.721	44	.840	.705		
45	.745	.709	*	95	.731	.727	45	.809	.710		
46	.741	.710	*	96	.735	.726	46	.779	.752		
47	.738	.714	*				47	.751	.811		
48	.736	.716	*				48	.725	.754		
49	.736	.720	*				49	.701	.613		
50	.735	.723	*				50	.682	.449		
51	.734	.722	*				51	.664	.321		
52	.735	.728	*	PRISES COL		52	.651				
53	.734	.726	*								
54	.731	.726	*	.792	1.177	*	REFERENCE PROFIL				
55	.732	.729	*	.827	1.244	*	.728				
56	.733	.730	*	.896	.911	*	.731				
57	.733	.725	*	.948	.831	*	.728				
58	.735	.721	*	1.124	.782	*	.725				

***** FICHER AD233 N0(IT)= 4
 11/ 3/85 15H10 M=.727 PI=1.7 TI=296 I=-0.25 (RM) AD233
 DE AD226 5 IEME ITE

MACH DE REFERENCE= .7280 UINF= 237.665 M/S
 TIV=293.2 K PIV= 1688 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.730	.720	*	PRISES DOUBLES		1	.070	53	.651	1	290.4
2	.728	.723	*			2	.193	54	.651	2	289.8
3	.728	.722	*	59	.727	.722	3	.301	.653	3	291.4
4	.728	.725	*	60	.733	.728	4	.413	.660	4	291.3
5	.727	.728	*	61	.731	.721	5	.499	.666	5	290.1
6	.726	.726	*			6	.553	58	.674	6	289.3
7	.727	.723	*	PRISES LAT. GAUCHES		7	.594	59	.682	7	289.3
8	.730	.723	*			8	.627	60	.692	8	290.0
9	.731	.730	*	62	.727	.727	9	.658	.704	9	291.0
10	.730	.721	*	63	.728	.728	10	.695	.717	10	290.7
11	.730	.726	*	64	.733	.721	11	.732	.730	11	290.4
12	.727	.726	*	65	.739	.704	12	.770	.742	12	290.1
13	.731	.723	*	66	.756	.706	13	.871	.758	13	290.4
14	.728	.722	*	67	.771	.735	14	.942	.774	14	290.0
15	.730	.723	*	68	.770	.744	15	1.012	.791	15	291.2
16	.731	.721	*	69	.765	.731	16	1.043	.811	16	289.5
17	.732	.719	*	70	.758	.710	17	1.058	.830	17	293.2
18	.732	.715	*	71	.740	.712	18	1.060	.848	18	292.2
19	.733	.712	*	72	.731	.720	19	1.048	.863	19	288.4
20	.737	.709	*	73	.731	.729	20	1.027	.874		
21	.741	.706	*			21	1.014	.877		I	TPG
22	.743	.704	*	PRISES LAT. DROITES		22	1.010	.880			
23	.746	.700	*			23	1.004	.876		1	293.3
24	.750	.701	*	74	.728	.726	24	.998	.870	2	293.0
25	.755	.708	*	75	.728	.723	25	.994	.861	3	293.2
26	.759	.713	*	76	.729	.723	26	.986	.850	4	293.2
27	.763	.719	*	77	.728	.721	27	.982	.837	5	293.1
28	.768	.730	*	78	.732	.721	28	.982	.824		
29	.770	.740	*	79	.733	.711	29	.983	.813		
30	.770	.742	*	80	.741	.706	30	.984	.803		
31	.773	.742	*	81	.747	.702	31	.985	.794		
32	.771	.748	*	82	.753	.707	32	.988	.783		
33	.770	.747	*	83	.763	.719	33	.991	.775		
34	.768	.742	*	84	.771	.735	34	.995	.769		
35	.766	.739	*	85	.772	.742	35	.998	.757		
36	.766	.734	*	86	.768	.744	36	1.003	.744		
37	.764	.727	*	87	.766	.739	37	1.001	.731		
38	.763	.721	*	88	.765	.730	38	.993	.720		
39	.764	.714	*	89	.762	.716	39	.976	.718		
40	.760	.711	*	90	.756	.710	40	.956	.710		
41	.757	.708	*	91	.748	.710	41	.930	.703		
42	.757	.706	*	92	.742	.713	42	.903	.699		
43	.752	.705	*	93	.734	.717	43	.873	.697		
44	.746	.705	*	94	.734	.719	44	.843	.700		
45	.743	.706	*	95	.731	.729	45	.813	.704		
46	.741	.709	*	96	.731	.728	46	.782	.744		
47	.743	.713	*			47	.753	.796			
48	.738	.715	*			48	.727	100	.739		
49	.736	.717	*			49	.702	101	.599		
50	.732	.719	*			50	.680	102	.439		
51	.732	.719	*			51	.662	103	.309		
52	.732	.723	*	PRISES COL		52	.645				
53	.733	.724	*								
54	.732	.725	*	.793	1.177						
55	.733	.725	*	.836	.989						
56	.731	.726	*	.897	.864						
57	.730	.726	*	.947	.809						
58	.727	.728	*	1.120	.766						

REFERENCE PROFIL
 .730
 .730
 .728
 .727

ORIGINAL PAGE IS
OF POOR QUALITY

***** FICHER AD234 N0(IT)= 4
11/ 3/84 16H 5 M=.727 PI=1.7 TI=120 I=-0.25 (RM) AD234
DE AD230 4 IEME ITE

MACH DE REFERENCE= .7309 UINF= 152.129 M/S
TIV=119.3 K PIV= 1627 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.733	.724	*	PRISES DOUBLES		1	.085	53	.651	1	
2	.731	.731	*			2	.183	54	.651	2	118.0
3	.731	.725	*	59	.729	.724	3	.290	.655	3	117.6
4	.730	.726	*	60	.735	.734	4	.408	.660	4	118.4
5	.728	.728	*	61	.733	.724	5	.495	.667	5	118.0
6	.728	.728	*				6	.544	.675	6	117.4
7	.729	.726	*	PRISES LAT. GAUCHES		7	.586	59	.683	7	117.6
8	.730	.723	*			8	.620	60	.694	8	118.4
9	.731	.733	*	62	.729	.731	9	.649	.706	9	118.4
10	.733	.724	*	63	.726	.731	10	.699	.719	10	118.0
11	.731	.730	*	64	.732	.724	11	.727	.732	11	118.1
12	.727	.729	*	65	.737	.705	12	.766	.745	12	117.7
13	.732	.724	*	66	.761	.714	13	.858	.761	13	117.9
14	.731	.723	*	67	.775	.739	14	.933	.777	14	118.0
15	.729	.725	*	68	.773	.748	15	1.001	.795	15	118.1
16	.730	.723	*	69	.767	.734	16	1.047	.815	16	117.9
17	.731	.722	*	70	.762	.711	17	1.056	.833	17	121.2
18	.734	.716	*	71	.738	.714	18	1.055	.851	18	118.5
19	.734	.715	*	72	.733	.722	19	1.039	.868	19	119.6
20	.735	.712	*	73	.735	.733	20	1.009	.878		123.2
21	.739	.710	*				21	1.004	.882	I	TPG
22	.743	.704	*	PRISES LAT. DROITES		22	1.013	74	.884		
23	.747	.700	*			23	.996	75	.879	1	120.6
24	.752	.705	*	74	.729	.730	24	.992	.874	2	120.8
25	.759	.713	*	75	.731	.725	25	.987	.865	3	120.3
26	.763	.720	*	76	.730	.725	26	.982	.853	4	119.8
27	.769	.726	*	77	.727	.722	27	.982	.840	5	119.4
28	.771	.735	*	78	.731	.722	28	.985	.828		
29	.773	.743	*	79	.733	.713	29	.987	.817		
30	.773	.744	*	80	.738	.708	30	.987	.807		
31	.775	.743	*	81	.748	.702	31	.987	.797		
32	.774	.750	*	82	.759	.713	32	.991	.787		
33	.772	.749	*	83	.767	.724	33	.992	.778		
34	.770	.744	*	84	.773	.738	34	.994	.775		
35	.767	.741	*	85	.775	.745	35	.997	.763		
36	.767	.737	*	86	.771	.745	36	1.000	.751		
37	.767	.730	*	87	.768	.742	37	.997	.739		
38	.766	.723	*	88	.767	.732	38	.988	.724		
39	.766	.716	*	89	.765	.718	39	.971	.721		
40	.762	.714	*	90	.758	.711	40	.951	.716		
41	.760	.709	*	91	.749	.713	41	.926	.703		
42	.760	.708	*	92	.739	.716	42	.898	.701		
43	.756	.708	*	93	.734	.720	43	.870	.699		
44	.751	.709	*	94	.736	.722	44	.842	.702		
45	.746	.711	*	95	.733	.728	45	.810	.695		
46	.742	.714	*	96	.733	.727	46	.781	.759		
47	.740	.717	*				47	.752	.815		
48	.739	.719	*				48	.727	.758		
49	.737	.721	*				49	.703	.616		
50	.736	.722	*				50	.684	.450		
51	.735	.724	*				51	.667	.317		
52	.734	.728	*	PRISES COL		52	.653				
53	.736	.728	*								
54	.735	.728	*	.795	1.179	*	REFERENCE PROFIL				
55	.736	.729	*	.842	.897	*	.729				
56	.734	.729	*	.900	.840	*	.728				
57	.733	.726	*	.950	.794	*	.728				
58	.732	.726	*	1.128	.752	*	.728				

***** FICHER AD238 N0(IT)= 4
 12/ 3/84 12H 5 M=.754 PI=3.3 TI=300 I=+0.25 (RMP) AD238
 DE AD237 4IEME ITE

 MACH DE REFERENCE= .7600 UINF= 248.202 M/S
 TIV=296.0 K PIV= 3292 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.762	.751	*	PRISES DOUBLES		1	.071	53	.665	1	291.0
2	.757	.752	*			2	.241	54	.665	2	289.5
3	.753	.749	*	59	.755	.747	3	.354	.669	3	289.2
4	.760	.755	*	60	.766	.757	4	.471	.675	4	289.0
5	.759	.758	*	61	.766	.748	5	.558	.682	5	289.2
6	.756	.753	*			6	.608	58	.691	6	289.7
7	.755	.749	*	PRISES LAT. GAUCHES*		7	.647	59	.701	7	289.5
8	.761	.753	*			8	.679	60	.710	8	290.5
9	.765	.765	*	62	.758	.758	9	.709	.723	9	292.3
10	.761	.751	*	63	.763	.761	10	.749	.737	10	292.0
11	.760	.757	*	64	.766	.750	11	.783	.750	11	291.5
12	.756	.759	*	65	.774	.730	12	.827	.763	12	291.3
13	.761	.752	*	66	.803	.729	13	.930	.779	13	291.7
14	.758	.749	*	67	.824	.756	14	1.009	.793	14	292.2
15	.759	.750	*	68	.824	.769	15	1.084	.812	15	292.5
16	.762	.749	*	69	.814	.756	16	1.135	.834	16	289.9
17	.764	.747	*	70	.799	.734	17	1.159	.854	17	289.6
18	.766	.742	*	71	.772	.737	18	1.174	.873	18	289.5
19	.767	.739	*	72	.764	.749	19	1.187	.889	19	290.2
20	.769	.736	*	73	.764	.761	20	1.190	.901		
21	.779	.732	*			21	1.191	.905		I	TPG
22	.794	.727	*	PRISES LAT. DROITES*		22	1.195	.906			
23	.791	.721	*			23	1.195	.900		1	295.3
24	.796	.722	*	74	.758	.755	24	1.195	.892	2	295.8
25	.801	.729	*	75	.757	.750	25	1.194	.881	3	295.8
26	.808	.735	*	76	.760	.753	26	1.194	.868	4	295.8
27	.814	.740	*	77	.757	.749	27	1.193	.852	5	295.7
28	.820	.750	*	78	.765	.748	28	1.191	.837		
29	.822	.758	*	79	.768	.738	29	1.185	.825		
30	.823	.763	*	80	.776	.732	30	1.187	.813		
31	.826	.764	*	81	.793	.725	31	1.185	.802		
32	.824	.771	*	82	.801	.729	32	1.184	.790		
33	.822	.770	*	83	.812	.739	33	1.085	.783		
34	.819	.766	*	84	.821	.756	34	.986	.775		
35	.816	.764	*	85	.824	.765	35	.993	.760		
36	.815	.760	*	86	.822	.769	36	1.019	.743		
37	.811	.753	*	87	.818	.767	37	1.047	.725		
38	.809	.744	*	88	.813	.755	38	1.071	.708		
39	.806	.737	*	89	.805	.740	39	1.041	.713		
40	.801	.735	*	90	.796	.735	40	.996	.700		
41	.797	.731	*	91	.786	.737	41	.963	.692		
42	.796	.729	*	92	.774	.737	42	.937	.686		
43	.791	.730	*	93	.765	.749	43	.907	.681		
44	.785	.732	*	94	.766	.748	44	.875	.682		
45	.780	.734	*	95	.763	.745	45	.843	.679		
46	.777	.735	*	96	.763	.746	46	.810	.677		
47	.773	.738	*			47	.780	.679			
48	.770	.742	*			48	.751	.688			
49	.768	.749	*			49	.725	.651			
50	.765	.754	*			50	.702	.634			
51	.764	.749	*			51	.681	.627			
52	.766	.752	*	PRISES COL		52	.661				
53	.765	.753	*								
54	.765	.757	*	.822	1.198		REFERENCE PROFIL				
55	.765	.759	*	.864	1.234		.757				
56	.764	.761	*	.919	.937		.769				
57	.763	.749	*	.966	.955		.756				
58	.757	.729	*	1.138	.815		.753				

***** FICHER AD239 N0(IT)= 4
12/ 3/95 14H25 M=.755 PI=2.9 TI=300 I=+0.25 (RMP) AD239
DE AD239 4IEME ITE

MACH DE REFERENCE= .7598 UINF= 240.043 M/S
TIV=295.7 K PIV= 2899 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.763	.749	*	PRISES DOUBLES		1	.063	53	.650	1	291.5		
2	.758	.752	*			2	.246	54	.654	2	289.1		
3	.758	.751	*	59	.756	.747	3	.358	55	.661	3	288.7	
4	.760	.758	*	60	.767	.756	4	.476	56	.669	4	288.7	
5	.760	.761	*	61	.764	.752	5	.564	57	.676	5	288.8	
6	.757	.755	*			6	.614	58	.686	6	289.0		
7	.756	.749	*	PRISES LAT. GAUCHES		7	.652	59	.696	7	289.1		
8	.762	.751	*			8	.684	60	.707	8	290.2		
9	.765	.762	*	62	.758	.760	9	.714	61	.719	9	291.2	
10	.762	.750	*	63	.764	.759	10	.752	62	.733	10	291.9	
11	.761	.757	*	64	.765	.749	11	.787	63	.746	11	291.3	
12	.758	.760	*	65	.775	.728	12	.831	64	.759	12	291.2	
13	.763	.753	*	66	.802	.726	13	.934	65	.775	13	291.5	
14	.759	.750	*	67	.826	.757	14	1.016	66	.790	14	292.0	
15	.760	.750	*	68	.825	.767	15	1.090	67	.810	15	292.2	
16	.762	.749	*	69	.816	.752	16	1.145	68	.830	16	289.1	
17	.764	.746	*	70	.803	.732	17	1.165	69	.850	17	288.9	
18	.765	.740	*	71	.774	.738	18	1.180	70	.869	18	288.7	
19	.767	.738	*	72	.763	.750	19	1.193	71	.886	19	289.6	
20	.771	.734	*	73	.764	.760	20	1.196	72	.897			
21	.780	.730	*			21	1.197	73	.901	I	TPG		
22	.783	.726	*	PRISES LAT. DROITES		22	1.202	74	.903				
23	.789	.721	*			23	1.202	75	.897	1	295.7		
24	.794	.719	*	74	.759	.757	24	1.203	76	.890	2	295.7	
25	.801	.726	*	75	.758	.751	25	1.202	77	.879	3	295.6	
26	.808	.731	*	76	.761	.753	26	1.202	78	.865	4	295.6	
27	.815	.737	*	77	.759	.750	27	1.200	79	.850	5	295.6	
28	.822	.750	*	78	.765	.748	28	1.201	80	.835			
29	.826	.759	*	79	.768	.736	29	1.201	81	.823			
30	.826	.764	*	80	.778	.729	30	1.202	82	.811			
31	.830	.765	*	81	.791	.724	31	1.203	83	.800			
32	.829	.772	*	82	.801	.725	32	1.192	84	.788			
33	.825	.769	*	83	.814	.737	33	1.175	85	.780			
34	.822	.763	*	84	.824	.757	34	1.169	86	.771			
35	.819	.760	*	85	.827	.766	35	1.091	87	.757			
36	.818	.755	*	86	.822	.767	36	.925	88	.739			
37	.814	.747	*	87	.819	.762	37	.979	89	.720			
38	.813	.740	*	88	.815	.751	38	1.031	90	.703			
39	.812	.733	*	89	.811	.737	39	1.040	91	.707			
40	.806	.731	*	90	.800	.733	40	1.004	92	.695			
41	.802	.729	*	91	.793	.736	41	.976	93	.686			
42	.801	.727	*	92	.776	.738	42	.945	94	.679			
43	.790	.728	*	93	.767	.746	43	.917	95	.674			
44	.782	.731	*	94	.765	.748	44	.885	96	.675			
45	.777	.733	*	95	.762	.753	45	.854	97	.671			
46	.774	.735	*	96	.763	.753	46	.819	98	.697			
47	.775	.739	*			47	.789	99	.736				
48	.773	.741	*			48	.758	100	.675				
49	.770	.746	*			49	.728	101	.539				
50	.766	.750	*			50	.701	102	.383				
51	.763	.749	*			51	.676	103	.255				
52	.765	.755	*	PRISES COL		52	.648						
53	.765	.755	*										
54	.764	.755	*	.822	1.199								
55	.764	.756	*	.864	1.235								
56	.764	.758	*	.918	.973								
57	.762	.752	*	.966	.860								
58	.757	.744	*	1.138	.819								
							REFERENCE PROFIL						
							.758						
							.761						
							.758						
							.755						

***** FICHER AD246 N0(IT)= 4
14/ 3/85 11H25 M=.759 PI=1.7 TI=300 I=+1.00 (RM) AD246
DE AD245 4' ITER.

MACH DE REFERENCE=.7646 UINF= 247.822 M/S
TIV=291.9 K PIV= 1690 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.770	.756	PRISES DOUBLES			1	.080	53	.701	1	288.6
2	.769	.760				2	.275	54	.697	2	286.9
3	.768	.758	59	.764	.760	3	.390	55	.699	3	286.7
4	.764	.757	60	.770	.761	4	.502	56	.703	4	286.4
5	.762	.760	61	.767	.753	5	.595	57	.708	5	286.4
6	.763	.762				6	.647	58	.714	6	287.1
7	.765	.762	PRISES LAT. GAUCHES			7	.681	59	.722	7	287.7
8	.765	.759				8	.710	60	.732	8	288.2
9	.765	.764	62	.766	.760	9	.740	61	.743	9	289.3
10	.766	.755	63	.762	.763	10	.774	62	.756	10	288.9
11	.765	.758	64	.769	.752	11	.809	63	.768	11	288.5
12	.760	.757	65	.782	.731	12	.848	64	.781	12	288.4
13	.764	.753	66	.807	.725	13	.938	65	.797	13	288.7
14	.764	.754	67	.834	.761	14	.998	66	.815	14	289.2
15	.767	.755	68	.832	.774	15	1.088	67	.834	15	289.4
16	.767	.752	69	.821	.764	16	1.147	68	.854	16	289.0
17	.771	.750	70	.806	.745	17	1.187	69	.874	17	287.9
18	.775	.747	71	.779	.743	18	1.204	70	.892	18	288.4
19	.769	.744	72	.771	.755	19	1.216	71	.909	19	288.4
20	.775	.739	73	.766	.767	20	1.220	72	.920		
21	.781	.733				21	1.222	73	.922	I	TPG
22	.790	.725	PRISES LAT. DROITES			22	1.234	74	.921		
23	.797	.719				23	1.231	75	.913	1	291.8
24	.802	.720	74	.766	.760	24	1.233	76	.903	2	291.8
25	.807	.728	75	.766	.762	25	1.233	77	.890	3	291.8
26	.814	.733	76	.765	.758	26	1.234	78	.874	4	291.8
27	.821	.741	77	.764	.753	27	1.236	79	.857	5	291.8
28	.830	.754	78	.768	.751	28	1.236	80	.841		
29	.834	.764	79	.770	.741	29	1.240	81	.827		
30	.835	.771	80	.783	.733	30	1.243	82	.814		
31	.838	.770	81	.798	.721	31	1.247	83	.801		
32	.836	.779	82	.804	.727	32	1.254	84	.787		
33	.834	.779	83	.820	.741	33	1.259	85	.776		
34	.829	.773	84	.833	.759	34	1.219	86	.766		
35	.825	.770	85	.835	.770	35	1.043	87	.751		
36	.823	.767	86	.830	.774	36	.989	88	.732		
37	.820	.761	87	.825	.769	37	.971	89	.712		
38	.817	.754	88	.821	.762	38	.961	90	.697		
39	.817	.749	89	.816	.751	39	.950	91	.688		
40	.811	.746	90	.804	.744	40	.935	92	.677		
41	.807	.743	91	.786	.739	41	.916	93	.667		
42	.805	.741	92	.781	.745	42	.892	94	.660		
43	.795	.738	93	.772	.751	43	.867	95	.651		
44	.786	.738	94	.772	.755	44	.841	96	.654		
45	.781	.737	95	.768	.747	45	.816	97	.645		
46	.779	.740	96	.765	.746	46	.793	98	.662		
47	.782	.744				47	.773	99	.688		
48	.779	.749				48	.756	100	.625		
49	.776	.752				49	.743	101	.495		
50	.771	.754				50	.730	102	.344		
51	.771	.755				51	.722	103	.215		
52	.768	.755	PRISES COL			52	.712				
53	.771	.758									
54	.771	.762	.839	1.208		REFERENCE PROFIL					
55	.771	.759	.877	.869		.764					
56	.768	.757	.929	.837		.764					
57	.765	.749	.975	.810		.764					
58	.756	.728	1.142	.777		.764					

***** FICHER AD247 N0(IT)= 4
 14/ 3/85 14H35 M=.726 PI=1.7 TI=300 I=+1.00 (RM) AD247
 DE AD246 4' ITER.

MACH DE REFERENCE= .7320 UINF= 238.690 M/S
 TIV=292.8 K PIV= 1677 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.736	.724	*	PRISES DOUBLES		1	.094	53	.672	1	289.7	
2	.735	.728	*			2	.296	54	.668	2	289.0	
3	.735	.726	*	59	.731	.724	3	.411	.55	3	288.2	
4	.733	.726	*	60	.738	.730	4	.521	.56	4	288.6	
5	.732	.728	*	61	.736	.724	5	.612	.57	5	288.5	
6	.731	.728	*				6	.692	.58	6	288.6	
7	.732	.726	*	PRISES LAT. GAUCHES		7	.695	.59	.692	7	288.8	
8	.733	.726	*			8	.721	.60	.700	8	289.5	
9	.734	.732	*	62	.733	.728	9	.748	.61	.710	9	290.5
10	.734	.725	*	63	.732	.731	10	.780	.62	.721	10	290.2
11	.734	.729	*	64	.735	.720	11	.814	.63	.733	11	289.8
12	.730	.728	*	65	.746	.700	12	.853	.64	.745	12	289.7
13	.733	.724	*	66	.768	.698	13	.945	.65	.759	13	290.0
14	.731	.723	*	67	.785	.723	14	.997	.66	.776	14	290.4
15	.733	.723	*	68	.783	.736	15	1.078	.67	.792	15	290.6
16	.734	.720	*	69	.776	.730	16	1.136	.68	.809	16	290.1
17	.738	.719	*	70	.766	.712	17	1.171	.69	.826	17	289.5
18	.744	.716	*	71	.742	.713	18	1.183	.70	.842	18	289.7
19	.742	.713	*	72	.737	.723	19	1.189	.71	.855	19	289.7
20	.742	.708	*	73	.732	.733	20	1.186	.72	.861		
21	.745	.703	*				21	1.183	.73	.863	I	TPG
22	.754	.697	*	PRISES LAT. DROITES		22	1.188	.74	.863			
23	.760	.693	*			23	1.176	.75	.856	1	292.6	
24	.764	.694	*	74	.734	.729	24	1.157	.76	.849	2	292.8
25	.769	.701	*	75	.732	.725	25	1.008	.77	.838	3	292.8
26	.773	.704	*	76	.732	.726	26	.976	.78	.826	4	292.7
27	.777	.709	*	77	.731	.722	27	.979	.79	.811	5	292.7
28	.783	.719	*	78	.734	.719	28	.987	.80	.797		
29	.785	.726	*	79	.746	.711	29	.993	.81	.784		
30	.785	.731	*	80	.745	.702	30	.997	.82	.773		
31	.787	.731	*	81	.760	.695	31	.999	.83	.762		
32	.785	.739	*	82	.766	.700	32	1.000	.84	.749		
33	.784	.740	*	83	.776	.709	33	1.000	.85	.738		
34	.781	.737	*	84	.783	.722	34	.999	.86	.729		
35	.779	.736	*	85	.784	.732	35	.997	.87	.715		
36	.778	.733	*	86	.781	.736	36	.996	.88	.697		
37	.775	.728	*	87	.778	.735	37	.987	.89	.677		
38	.774	.723	*	88	.776	.728	38	.975	.90	.664		
39	.774	.718	*	89	.772	.717	39	.957	.91	.653		
40	.769	.714	*	90	.764	.711	40	.934	.92	.644		
41	.767	.711	*	91	.755	.709	41	.908	.93	.633		
42	.767	.710	*	92	.743	.714	42	.882	.94	.626		
43	.762	.707	*	93	.736	.719	43	.852	.95	.618		
44	.755	.708	*	94	.739	.721	44	.821	.96	.617		
45	.751	.708	*	95	.736	.723	45	.794	.97	.607		
46	.747	.710	*	96	.732	.724	46	.765	.98	.619		
47	.745	.715	*				47	.743	.99	.637		
48	.741	.717	*				48	.724	100	.576		
49	.740	.719	*				49	.708	101	.454		
50	.737	.721	*				50	.694	102	.389		
51	.738	.723	*				51	.685	103	.184		
52	.737	.725	*	PRISES COL		52	.680					
53	.739	.727	*									
54	.738	.728	*	.801	1.184		REFERENCE PROFIL					
55	.737	.727	*	.843	.939		.731					
56	.735	.726	*	.903	.858		.732					
57	.732	.723	*	.953	.909		.731					
58	.724	.716	*	1.124	.766		.731					

***** FICHER AD248 NO(IT)= 4
15/ 3/85 9H30 M=.695 PI=1.7 TI=300 I=+1.00 (RM) AD248
DE AD247 4' ITER.

MACH DE REFERENCE= .6988 UINF= 228.316 M/S
TIV=291.5 K PIV= 1599 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.703	.692	*	PRISES DOUBLES		1	0.000	53	.644	1	288.4
2	.702	.695	*			2	.309	54	.639	2	287.8
3	.702	.694	*	59	.699	3	.422	55	.640	3	287.5
4	.701	.694	*	60	.704	4	.531	56	.644	4	287.6
5	.699	.696	*	61	.704	5	.620	57	.648	5	287.5
6	.699	.695	*			6	.696	58	.654	6	287.7
7	.699	.694	*	PRISES LAT. GAUCHES		7	.697	59	.661	7	287.9
8	.701	.694	*			8	.721	60	.669	8	289.4
9	.701	.699	*	62	.700	9	.747	61	.677	9	289.3
10	.701	.693	*	63	.700	10	.778	62	.689	10	289.8
11	.699	.696	*	64	.704	11	.811	63	.700	11	288.7
12	.696	.696	*	65	.715	12	.848	64	.710	12	288.5
13	.700	.692	*	66	.732	13	.936	65	.723	13	288.9
14	.699	.691	*	67	.743	14	.991	66	.737	14	289.2
15	.701	.691	*	68	.742	15	1.066	67	.751	15	289.3
16	.703	.689	*	69	.738	16	1.104	68	.767	16	288.6
17	.705	.687	*	70	.729	17	1.123	69	.782	17	288.5
18	.709	.683	*	71	.712	18	1.112	70	.795	18	288.7
19	.707	.683	*	72	.704	19	1.017	71	.807	19	288.8
20	.711	.681	*	73	.700	20	1.001	72	.813		
21	.713	.676	*			21	.993	73	.814	I	TPG
22	.719	.668	*	PRISES LAT. DROITES		22	.991	74	.814		
23	.723	.662	*			23	.976	75	.809	1	291.5
24	.727	.664	*	74	.701	24	.968	76	.803	2	291.4
25	.732	.671	*	75	.700	25	.960	77	.793	3	291.4
26	.735	.674	*	76	.699	26	.954	78	.782	4	291.4
27	.737	.680	*	77	.699	27	.951	79	.770	5	291.4
28	.741	.688	*	78	.703	28	.948	80	.757		
29	.741	.694	*	79	.711	29	.946	81	.746		
30	.742	.698	*	80	.714	30	.945	82	.735		
31	.743	.698	*	81	.724	31	.942	83	.725		
32	.742	.704	*	82	.730	32	.940	84	.713		
33	.741	.703	*	83	.737	33	.939	85	.704		
34	.739	.699	*	84	.741	34	.937	86	.695		
35	.738	.698	*	85	.742	35	.936	87	.681		
36	.738	.695	*	86	.740	36	.934	88	.665		
37	.736	.691	*	87	.739	37	.929	89	.647		
38	.736	.686	*	88	.737	38	.919	90	.633		
39	.735	.682	*	89	.734	39	.906	91	.624		
40	.732	.680	*	90	.728	40	.887	92	.614		
41	.729	.678	*	91	.717	41	.865	93	.604		
42	.728	.677	*	92	.714	42	.840	94	.596		
43	.722	.678	*	93	.705	43	.816	95	.587		
44	.717	.679	*	94	.705	44	.788	96	.587		
45	.713	.680	*	95	.704	45	.760	97	.577		
46	.713	.681	*	96	.700	46	.735	98	.583		
47	.714	.682	*			47	.712	99	.596		
48	.711	.684	*			48	.693	100	.538		
49	.708	.688	*			49	.678	101	.421		
50	.704	.692	*			50	.667	102	.282		
51	.704	.692	*			51	.659	103	.161		
52	.705	.692	*	PRISES COL		52	.651				
53	.706	.692	*								
54	.705	.693	*	.766	1.158			REFERENCE PROFIL			
55	.704	.695	*	.813	.934			.700			
56	.702	.696	*	.878	.843			.701			
57	.700	.696	*	.934	.781			.699			
58	.695	.696	*	1.104	.735			.699			

***** FICHER AD249 N0(IT)= 4
 15/ 3/85 10H50 M=.696 PI=1.7 TI=300 I=+0.00 (RM) AD249
 DE AD248 4' ITER.

MACH DE REFERENCE= .6997 UINF= 228.890 M/S
 TIV=292.3 K PIY= 1597 MB

MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.702	.695	*	PRISES DOUBLES		1	.054	53	.640	1	288.9	
2	.700	.697	*			2	.199	54	.638	2	288.0	
3	.700	.695	*	59	.698 .694	3	.311	55	.640	3	288.3	
4	.699	.696	*	60	.705 .698	4	.415	56	.644	4	288.2	
5	.699	.698	*	61	.703 .692	5	.502	57	.650	5	288.2	
6	.698	.698	*			6	.557	58	.656	6	288.2	
7	.699	.695	*	PRISES LAT. GAUCHES*		7	.592	59	.664	7	288.3	
8	.701	.694	*			8	.623	60	.672	8	288.7	
9	.702	.699	*	62	.699 .698	9	.654	61	.683	9	289.6	
10	.701	.693	*	63	.700 .699	10	.687	62	.695	10	289.3	
11	.701	.697	*	64	.703 .694	11	.722	63	.706	11	289.0	
12	.698	.698	*	65	.709 .679	12	.760	64	.718	12	288.9	
13	.701	.694	*	66	.725 .682	13	.848	65	.731	13	289.1	
14	.700	.695	*	67	.733 .703	14	.932	66	.747	14	289.4	
15	.701	.696	*	68	.735 .711	15	.970	67	.763	15	289.4	
16	.702	.695	*	69	.733 .703	16	.989	68	.780	16	288.8	
17	.704	.693	*	70	.725 .686	17	.992	69	.797	17	289.7	
18	.707	.687	*	71	.707 .685	18	.986	70	.811	18	288.8	
19	.703	.685	*	72	.703 .693	19	.965	71	.824	19	289.0	
20	.707	.683	*	73	.704 .700	20	.953	72	.832			
21	.708	.680	*			21	.947	73	.835	I	TPG	
22	.713	.676	*	PRISES LAT. DROITES*		22	.948	74	.836			
23	.717	.674	*			23	.937	75	.832	1	292.2	
24	.721	.677	*	74	.700 .697	24	.933	76	.827	2	292.2	
25	.725	.685	*	75	.700 .696	25	.928	77	.818	3	292.1	
26	.728	.689	*	76	.700 .695	26	.924	78	.809	4	292.1	
27	.729	.694	*	77	.700 .693	27	.923	79	.797	5	292.1	
28	.732	.701	*	78	.702 .694	28	.923	80	.786			
29	.733	.706	*	79	.700 .689	29	.923	81	.776			
30	.733	.710	*	80	.709 .680	30	.923	82	.767			
31	.735	.709	*	81	.717 .675	31	.922	83	.758			
32	.735	.714	*	82	.723 .684	32	.923	84	.749			
33	.735	.714	*	83	.728 .693	33	.923	85	.741			
34	.734	.710	*	84	.732 .703	34	.923	86	.735			
35	.733	.709	*	85	.734 .709	35	.923	87	.724			
36	.734	.706	*	86	.733 .711	36	.925	88	.712			
37	.732	.702	*	87	.734 .709	37	.922	89	.698			
38	.732	.696	*	88	.733 .702	38	.916	90	.689			
39	.731	.691	*	89	.729 .691	39	.904	91	.683			
40	.728	.688	*	90	.723 .686	40	.887	92	.677			
41	.725	.686	*	91	.715 .684	41	.867	93	.669			
42	.725	.683	*	92	.709 .686	42	.844	94	.666			
43	.720	.682	*	93	.703 .691	43	.820	95	.663			
44	.716	.682	*	94	.704 .692	44	.794	96	.666			
45	.711	.682	*	95	.702 .696	45	.766	97	.667			
46	.710	.683	*	96	.704 .695	46	.739	98	.700			
47	.709	.686	*			47	.715	99	.744			
48	.707	.689	*			48	.694	100	.690			
49	.706	.691	*			49	.677	101	.561			
50	.703	.693	*			50	.663	102	.488			
51	.704	.693	*			51	.652	103	.282			
52	.704	.693	*	PRISES COL		52	.644					
53	.704	.695	*									
54	.703	.696	*	.767	1.156							
55	.704	.696	*	.813	.933							
56	.702	.696	*	.879	.843							
57	.702	.694	*	.934	.780							
58	.701	.690	*	1.105	.734							

REFERENCE PROFIL
 .599
 .700
 .700
 .700

***** FICHER AD250 N0(IT)= 4
15/ 3/84 11H50 M=.726 PI=1.7 TI=300 I=+0.00 (RM) AD250
DE AD249 4' ITER.

MACH DE REFERENCE= .7300 UINF= 238.255 M/S
TIV=293.2 K PIV= 1644 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.733	.725	*	PRISES DOUBLES		1	.061	53	.670	1	289.5		
2	.731	.728	*			2	.192	54	.667	2	288.4		
3	.731	.725	*	59	.729	.724	3	.304	.669	3	288.6		
4	.730	.726	*	60	.736	.729	4	.412	.674	4	288.6		
5	.730	.729	*	61	.733	.725	5	.501	.679	5	288.5		
6	.729	.728	*				6	.557	.686	6	288.5		
7	.729	.725	*	PRISES LAT. GAUCHES		7	.596	59	.694	7	288.7		
8	.731	.725	*			8	.628	60	.703	8	289.2		
9	.733	.730	*	62	.730	.729	9	.660	.715	9	290.2		
10	.732	.724	*	63	.730	.731	10	.695	.728	10	289.8		
11	.732	.729	*	64	.734	.722	11	.732	.739	11	289.5		
12	.728	.730	*	65	.738	.709	12	.771	.752	12	289.4		
13	.732	.725	*	66	.758	.708	13	.866	.768	13	289.7		
14	.730	.725	*	67	.773	.742	14	.961	.784	14	290.0		
15	.732	.724	*	68	.771	.750	15	1.011	.802	15	290.1		
16	.733	.722	*	69	.766	.735	16	1.051	.821	16	289.1		
17	.737	.720	*	70	.760	.715	17	1.058	.840	17	289.0		
18	.739	.717	*	71	.740	.715	18	1.060	.858	18	289.0		
19	.739	.716	*	72	.734	.723	19	1.048	.874	19	289.2		
20	.733	.714	*	73	.735	.733	20	1.014	.884				
21	.736	.711	*				21	1.009	.888	I	TPG		
22	.746	.704	*	PRISES LAT. DROITES		22	1.012	74	.889				
23	.751	.700	*			23	1.000	75	.885	1	293.2		
24	.754	.702	*	74	.730	.728	24	.992	.879	2	293.2		
25	.757	.710	*	75	.730	.726	25	.987	.869	3	293.2		
26	.761	.716	*	76	.731	.726	26	.983	.857	4	293.1		
27	.764	.724	*	77	.730	.724	27	.981	.843	5	293.1		
28	.769	.736	*	78	.735	.722	28	.981	.830				
29	.771	.745	*	79	.738	.715	29	.983	.818				
30	.771	.749	*	80	.738	.711	30	.983	.808				
31	.773	.748	*	81	.753	.702	31	.982	.798				
32	.771	.754	*	82	.756	.710	32	.984	.788				
33	.769	.752	*	83	.764	.724	33	.984	.779				
34	.767	.747	*	84	.771	.741	34	.985	.772				
35	.766	.744	*	85	.772	.749	35	.985	.760				
36	.766	.739	*	86	.768	.750	36	.985	.747				
37	.764	.733	*	87	.767	.744	37	.978	.732				
38	.764	.726	*	88	.766	.734	38	.969	.723				
39	.765	.719	*	89	.764	.721	39	.952	.723				
40	.762	.716	*	90	.758	.715	40	.930	.709				
41	.760	.713	*	91	.746	.715	41	.907	.702				
42	.758	.712	*	92	.742	.716	42	.879	.698				
43	.752	.711	*	93	.735	.720	43	.852	.696				
44	.745	.712	*	94	.736	.723	44	.822	.697				
45	.741	.712	*	95	.732	.720	45	.792	.701				
46	.740	.713	*	96	.734	.720	46	.765	.740				
47	.742	.715	*				47	.741	.791				
48	.740	.718	*				48	.721	100	.733			
49	.739	.719	*				49	.705	101	.593			
50	.735	.722	*				50	.693	102	.434			
51	.735	.723	*				51	.683	103	.306			
52	.734	.726	*	PRISES COL		52	.675						
53	.735	.728	*										
54	.734	.729	*	.800	1.182		REFERENCE PROFIL						
55	.734	.727	*	.843	.904		.730						
56	.734	.726	*	.902	.843		.729						
57	.733	.721	*	.953	.796		.730						
58	.731	.708	*	1.123	.757		.730						

***** FICHER AD251 N0(IT)= 4
 15/ 3/95 14H20 M=.756 PI=1.7 TI=300 I=+0.00 (RM) AD251
 DE AD250 4' ITER.

MACH DE REFERENCE= .7615 UINF= 247.741 M/S
 TIV=293.8 K PIV= 1680 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.765	.755	*	PRISES DOUBLES		1	.061	53	.700	1	290.0		
2	.764	.760	*			2	.175	54	.697	2	288.7		
3	.763	.757	*	59	.760 .756	3	.292	55	.699	3	288.7		
4	.761	.757	*	60	.767 .760	4	.402	56	.703	4	288.7		
5	.760	.760	*	61	.766 .754	5	.491	57	.709	5	288.7		
6	.760	.760	*			6	.551	58	.717	6	288.6		
7	.760	.758	*	PRISES LAT. GAUCHES		7	.592	59	.725	7	288.9		
8	.762	.756	*			8	.626	60	.736	8	289.7		
9	.763	.761	*	62	.761 .760	9	.660	61	.747	9	290.6		
10	.763	.754	*	63	.760 .762	10	.696	62	.761	10	290.2		
11	.762	.758	*	64	.765 .752	11	.734	63	.774	11	289.8		
12	.758	.759	*	65	.769 .738	12	.775	64	.788	12	289.6		
13	.762	.754	*	66	.794 .736	13	.874	65	.805	13	289.9		
14	.760	.754	*	67	.811 .775	14	.978	66	.823	14	290.4		
15	.762	.754	*	68	.808 .788	15	1.034	67	.844	15	290.6		
16	.762	.751	*	69	.804 .773	16	1.082	68	.866	16	289.4		
17	.767	.750	*	70	.797 .745	17	1.107	69	.889	17	289.2		
18	.770	.746	*	71	.778 .745	18	1.118	70	.911	18	289.4		
19	.765	.745	*	72	.767 .753	19	1.125	71	.931	19	289.6		
20	.765	.744	*	73	.763 .766	20	1.126	72	.945				
21	.768	.740	*			21	1.126	73	.950	I	TPG		
22	.776	.734	*	PRISES LAT. DROITES		22	1.134	74	.952				
23	.782	.728	*			23	1.123	75	.944	1	293.8		
24	.789	.730	*	74	.762 .760	24	1.116	76	.935	2	293.8		
25	.795	.740	*	75	.762 .758	25	1.107	77	.922	3	293.8		
26	.800	.746	*	76	.762 .757	26	1.074	78	.907	4	293.7		
27	.804	.755	*	77	.761 .753	27	1.013	79	.891	5	293.8		
28	.809	.769	*	78	.764 .751	28	1.021	80	.875				
29	.810	.779	*	79	.770 .744	29	1.035	81	.861				
30	.810	.785	*	80	.769 .740	30	1.045	82	.849				
31	.811	.785	*	81	.784 .731	31	1.055	83	.839				
32	.809	.793	*	82	.792 .739	32	1.065	84	.826				
33	.807	.793	*	83	.802 .754	33	1.073	85	.816				
34	.805	.787	*	84	.809 .774	34	1.076	86	.810				
35	.802	.784	*	85	.811 .785	35	1.073	87	.797				
36	.803	.778	*	86	.806 .788	36	1.051	88	.781				
37	.802	.771	*	87	.803 .783	37	1.043	89	.767				
38	.803	.762	*	88	.803 .771	38	1.023	90	.756				
39	.804	.753	*	89	.803 .754	39	.998	91	.752				
40	.800	.748	*	90	.794 .745	40	.969	92	.742				
41	.797	.743	*	91	.778 .742	41	.940	93	.735				
42	.796	.741	*	92	.772 .746	42	.909	94	.732				
43	.786	.738	*	93	.766 .751	43	.878	95	.731				
44	.777	.738	*	94	.769 .753	44	.847	96	.734				
45	.772	.739	*	95	.766 .745	45	.816	97	.740				
46	.771	.742	*	96	.762 .744	46	.790	98	.785				
47	.772	.746	*			47	.767	99	.846				
48	.770	.749	*			48	.749	100	.782				
49	.770	.751	*			49	.735	101	.630				
50	.767	.752	*			50	.724	102	.462				
51	.768	.753	*			51	.716	103	.329				
52	.767	.755	*	PRISES COL		52	.708						
53	.769	.759	*										
54	.769	.762	*	.833	1.204	REFERENCE PROFIL							
55	.768	.759	*	.872	.894	.761							
56	.765	.756	*	.926	.941	.761							
57	.762	.747	*	.973	.812	.760							
58	.755	.725	*	1.140	.779	.761							

***** FICHER AD253 NO(IT)= 4
15/ 3/85 15H45 M=.754 PI=1.7 TI=300 I=-2.00 (RM) AD253
DE AD252 4' ITER.

MACH DE REFERENCE= .7608 UINF= 248.260 M/S
TIV=295.5 K PIV= 1685 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.759	.758	*	PRISES DOUBLES		1	.238	53	.689	*	*
2	.757	.761	*			2	.051	54	.692	*	289.5
3	.759	.757	*	59	.756	.755	3	.102	55	.697	290.9
4	.759	.758	*	60	.763	.759	4	.209	56	.704	290.9
5	.759	.761	*	61	.763	.755	5	.297	57	.711	290.7
6	.757	.759	*			6	.367	58	.721	*	290.5
7	.756	.757	*	PRISES LAT. GAUCHES		7	.417	59	.730	*	290.3
8	.758	.757	*			8	.460	60	.741	*	290.3
9	.760	.762	*	62	.758	.760	9	.499	61	.754	290.8
10	.759	.753	*	63	.755	.761	10	.541	62	.769	291.8
11	.758	.757	*	64	.757	.755	11	.580	63	.783	291.4
12	.755	.758	*	65	.759	.748	12	.622	64	.799	290.8
13	.758	.755	*	66	.771	.768	13	.719	65	.817	290.4
14	.755	.756	*	67	.787	.810	14	.804	66	.837	290.6
15	.756	.757	*	68	.787	.810	15	.862	67	.859	290.9
16	.757	.756	*	69	.785	.793	16	.908	68	.885	290.6
17	.760	.753	*	70	.780	.755	17	.926	69	.912	290.6
18	.760	.749	*	71	.762	.747	18	.937	70	.939	290.7
19	.757	.750	*	72	.763	.756	19	.936	71	.967	290.5
20	.759	.751	*	73	.769	.764	20	.937	72	.991	290.7
21	.759	.750	*			21	.943	73	1.009	*	*
22	.763	.747	*	PRISES LAT. DROITES		22	.956	74	1.022	*	I TPG
23	.766	.746	*			23	.953	75	1.022	*	1 295.5
24	.768	.756	*	74	.759	.760	24	.955	76	1.017	2 295.6
25	.770	.772	*	75	.757	.757	25	.956	77	1.004	3 295.5
26	.774	.783	*	76	.757	.756	26	.959	78	.988	4 295.5
27	.779	.794	*	77	.756	.754	27	.963	79	.971	5 295.5
28	.783	.807	*	78	.756	.754	28	.971	80	.956	*
29	.786	.816	*	79	.760	.748	29	.977	81	.945	*
30	.787	.821	*	80	.760	.749	30	.983	82	.935	*
31	.788	.818	*	81	.767	.749	31	.989	83	.929	*
32	.787	.824	*	82	.768	.771	32	.996	84	.921	*
33	.786	.822	*	83	.777	.792	33	1.002	85	.913	*
34	.784	.813	*	84	.786	.810	34	1.010	86	.915	*
35	.784	.808	*	85	.788	.818	35	1.019	87	.911	*
36	.784	.801	*	86	.785	.818	36	1.028	88	.905	*
37	.783	.791	*	87	.785	.809	37	1.029	89	.901	*
38	.783	.779	*	88	.784	.792	38	1.020	90	.892	*
39	.784	.768	*	89	.782	.769	39	1.001	91	.898	*
40	.781	.762	*	90	.778	.755	40	.976	92	.880	*
41	.779	.755	*	91	.771	.748	41	.949	93	.863	*
42	.779	.752	*	92	.764	.748	42	.920	94	.876	*
43	.776	.747	*	93	.759	.753	43	.892	95	1.103	*
44	.771	.745	*	94	.764	.755	44	.861	96	1.008	*
45	.768	.744	*	95	.762	.750	45	.829	97	1.192	*
46	.765	.745	*	96	.769	.751	46	.799	98	1.201	*
47	.763	.748	*				47	.772	99	1.279	*
48	.762	.751	*				48	.748	100	1.155	*
49	.763	.754	*				49	.729	101	.917	*
50	.762	.756	*				50	.712	102	.714	*
51	.764	.755	*				51	.700	103	.570	*
52	.764	.756	*	PRISES COL		52	.689				
53	.766	.758	*								
54	.765	.759	*	.833	1.202	*	REFERENCE PROFIL				
55	.765	.758	*	.871	.889	*	.759				
56	.766	.758	*	.926	.844	*	.760				
57	.766	.752	*	.972	.812	*	.759				
58	.766	.735	*	.1.139	.782	*	.760				

***** FICHER AD254 N0(IT)= 4
 15/ 3/85 15H55 M=.726 PI=1.7 TI=300 I=-2.00 (RM) AD254
 DE AD253 4' ITER.

MACH DE REFERENCE= .7318 UINF= 240.053 M/S
 TIV=296.3 K PIV= 1647 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.731	.728	*	PRISES DOUBLES		1	.235	53	.662	1	290.9	
2	.729	.732	*			2	.052	54	.665	2	292.1	
3	.730	.730	*	59	.728	.728	3	.107	.670	3	292.1	
4	.731	.731	*	60	.734	.732	4	.209	.676	4	291.9	
5	.731	.734	*	61	.732	.727	5	.295	.684	5	291.7	
6	.729	.732	*			6	.363	58	.693	5	291.6	
7	.729	.730	*	PRISES LAT. GAUCHES*		7	.413	59	.702	7	291.5	
8	.730	.729	*			8	.455	60	.713	8	292.0	
9	.732	.734	*	62	.730	.733	9	.494	.724	9	292.9	
10	.731	.726	*	63	.729	.733	10	.533	.739	10	292.6	
11	.731	.730	*	64	.730	.727	11	.571	.752	11	292.1	
12	.727	.731	*	65	.728	.719	12	.611	.766	12	291.8	
13	.731	.727	*	66	.742	.737	13	.703	.783	13	292.0	
14	.728	.728	*	67	.753	.773	14	.786	.802	14	292.2	
15	.729	.729	*	68	.756	.774	15	.836	.822	15	292.0	
16	.729	.728	*	69	.755	.755	16	.876	.844	16	291.5	
17	.732	.726	*	70	.747	.727	17	.890	.867	17	291.8	
18	.735	.722	*	71	.733	.717	18	.899	.890	18	291.4	
19	.730	.721	*	72	.733	.727	19	.896	.911	19	291.6	
20	.731	.722	*	73	.735	.734	20	.896	.927			
21	.734	.722	*			21	.901	.938		I	TPG	
22	.732	.722	*	PRISES LAT. DROITES*		22	.910	.945				
23	.736	.721	*			23	.907	.945		1	296.4	
24	.739	.728	*	74	.730	.733	24	.908	.943		2	296.4
25	.742	.740	*	75	.730	.729	25	.910	.935		3	296.3
26	.745	.749	*	76	.729	.728	26	.911	.926		4	296.3
27	.748	.759	*	77	.729	.726	27	.917	.914		5	296.3
28	.750	.771	*	78	.731	.726	28	.921	.903			
29	.752	.773	*	79	.740	.720	29	.926	.894			
30	.752	.781	*	80	.730	.721	30	.930	.887			
31	.755	.778	*	81	.736	.723	31	.933	.881			
32	.755	.783	*	82	.740	.738	32	.939	.874			
33	.755	.780	*	83	.746	.757	33	.944	.868			
34	.755	.772	*	84	.751	.773	34	.948	.870			
35	.755	.767	*	85	.754	.778	35	.954	.866			
36	.756	.761	*	86	.754	.776	36	.959	.862			
37	.754	.753	*	87	.755	.767	37	.960	.860			
38	.752	.744	*	88	.755	.754	38	.957	.854			
39	.752	.736	*	89	.750	.737	39	.947	.862			
40	.748	.732	*	90	.745	.727	40	.931	.851			
41	.746	.727	*	91	.741	.732	41	.910	.838			
42	.747	.724	*	92	.735	.719	42	.886	.828			
43	.745	.721	*	93	.731	.723	43	.861	.809			
44	.741	.719	*	94	.734	.726	44	.833	.850			
45	.738	.718	*	95	.730	.720	45	.804	1.121			
46	.736	.718	*	96	.734	.720	46	.776	1.129			
47	.735	.719	*			47	.749	.99	1.179			
48	.734	.721	*			48	.725	100	1.129			
49	.735	.724	*			49	.705	101	.901			
50	.734	.727	*			50	.687	102	.702			
51	.734	.727	*			51	.672	103	.561			
52	.733	.728	*	PRISES COL		52	.662					
53	.733	.729	*									
54	.733	.729	*	.803	1.131		REFERENCE PROFIL					
55	.734	.728	*	.844	.915		.731					
56	.733	.727	*	.903	.843		.732					
57	.733	.722	*	.954	.800		.732					
58	.732	.707	*	1.123	.762		.732					

***** FICHER AD255 N0(IT)= 4
15/ 3/84 16H15 M=.694 PI=1.7 TI=300 I=-2.00 (RM) AD255
DE AD254 4' ITER.

MACH DE REFERENCE= .6995 UINF= 230.360 M/S
TIV=296.2 K PIV= 1562 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.699	.696	*	PRISES DOUBLES		1	.225	53	.632	1	291.2	
2	.697	.699	*			2	.050	54	.635	2	292.1	
3	.698	.697	*	59	.697	.696	3	.105	.639	3	292.2	
4	.698	.697	*	60	.702	.700	4	.204	.646	4	292.0	
5	.698	.700	*	61	.702	.695	5	.288	.653	5	291.9	
6	.697	.699	*			6	.357	58	.661	6	291.7	
7	.697	.697	*	PRISES LAT. GAUCHES*		7	.404	59	.670	7	291.7	
8	.698	.697	*			8	.444	60	.680	8	292.0	
9	.699	.702	*	62	.698	.699	9	.481	.691	9	292.9	
10	.699	.695	*	63	.698	.702	10	.520	.704	10	292.6	
11	.698	.698	*	64	.699	.696	11	.557	.717	11	292.2	
12	.695	.698	*	65	.698	.689	12	.595	.730	12	292.0	
13	.698	.695	*	66	.707	.703	13	.682	.745	13	292.2	
14	.696	.696	*	67	.719	.736	14	.757	.762	14	292.4	
15	.697	.697	*	68	.721	.734	15	.802	.781	15	292.2	
16	.697	.695	*	69	.719	.716	16	.835	.799	16	291.6	
17	.700	.694	*	70	.714	.696	17	.846	.819	17	292.0	
18	.703	.690	*	71	.703	.689	18	.852	.838	18	291.7	
19	.698	.690	*	72	.700	.696	19	.850	.855	19	291.8	
20	.699	.691	*	73	.704	.703	20	.849	.868			
21	.701	.691	*			21	.852	73	.876	I	TPG	
22	.701	.689	*	PRISES LAT. DROITES*		22	.858	74	.881			
23	.703	.689	*			23	.857	75	.881	1	296.2	
24	.705	.696	*	74	.698	.700	24	.858	76	.879	2	296.2
25	.707	.706	*	75	.698	.697	25	.860	77	.874	3	296.1
26	.709	.714	*	76	.698	.698	26	.861	78	.867	4	296.1
27	.712	.724	*	77	.697	.695	27	.864	79	.857	5	296.1
28	.716	.734	*	78	.699	.695	28	.867	80	.848		
29	.718	.740	*	79	.708	.689	29	.871	81	.841		
30	.718	.742	*	80	.699	.690	30	.874	82	.835		
31	.721	.739	*	81	.704	.691	31	.877	83	.830		
32	.721	.742	*	82	.705	.705	32	.881	84	.825		
33	.721	.738	*	83	.711	.722	33	.884	85	.820		
34	.720	.731	*	84	.718	.736	34	.889	86	.822		
35	.720	.727	*	85	.720	.740	35	.892	87	.818		
36	.720	.721	*	86	.719	.735	36	.897	88	.815		
37	.718	.715	*	87	.720	.726	37	.898	89	.814		
38	.718	.708	*	88	.719	.716	38	.897	90	.809		
39	.717	.702	*	89	.716	.703	39	.889	91	.820		
40	.714	.699	*	90	.712	.696	40	.878	92	.810		
41	.713	.696	*	91	.710	.692	41	.862	93	.801		
42	.714	.694	*	92	.704	.690	42	.843	94	.791		
43	.711	.691	*	93	.698	.693	43	.822	95	.804		
44	.709	.690	*	94	.701	.694	44	.797	96	.797		
45	.706	.689	*	95	.702	.693	45	.772	97	1.038		
46	.706	.689	*	96	.703	.694	46	.745	98	1.047		
47	.705	.690	*			47	.721	99	1.094			
48	.702	.691	*			48	.697	100	1.089			
49	.701	.692	*			49	.676	101	.878			
50	.698	.693	*			50	.659	102	.684			
51	.700	.694	*			51	.643	103	.546			
52	.702	.696	*	PRISES COL		52	.630					
53	.705	.697	*									
54	.704	.697	*	.768	1.157		REFERENCE PROFIL					
55	.704	.696	*	.813	.891		.699					
56	.702	.696	*	.878	.827		.699					
57	.702	.693	*	.934	.771		.699					
58	.701	.685	*	1.104	.725		.699					

***** FICHER AD257 N0(IT)= 4
 18/ 3/85 14H45 M=.700 PI=1.7 TI=300 I=+2.00 (RM) AD257
 DE AD216 5' ITER.

MACH DE REFERENCE= .7017 UINF= 229.100 M/S
 TIV=291.3 K PIV= 1602 MB

MACH PAROIS					MACH PROFIL					T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.707	.692	*	PRISES DOUBLES		1	.206	53	.643	1	287.5	
2	.706	.696	*			2	.411	54	.639	2	285.7	
3	.705	.694	*	59	.701	.694	3	.527	55	.639	3	286.2
4	.703	.695	*	60	.709	.698	4	.642	56	.642	4	286.4
5	.702	.698	*	61	.706	.694	5	.734	57	.646	5	286.5
6	.701	.698	*			6	.778	58	.651	6	286.7	
7	.702	.695	*	PRISES LAT. GAUCHES		7	.799	59	.657	7	286.9	
8	.703	.694	*			8	.816	60	.665	8	287.5	
9	.704	.699	*	62	.703	.697	9	.837	61	.674	9	288.6
10	.706	.693	*	63	.704	.698	10	.863	62	.685	10	288.4
11	.706	.696	*	64	.708	.690	11	.893	63	.693	11	288.1
12	.703	.696	*	65	.721	.671	12	.929	64	.703	12	288.1
13	.706	.692	*	66	.745	.658	13	1.008	65	.715	13	288.4
14	.704	.694	*	67	.758	.679	14	1.115	66	.728	14	288.6
15	.705	.694	*	68	.755	.691	15	1.214	67	.741	15	288.4
16	.705	.693	*	69	.747	.687	16	1.213	68	.756	16	287.5
17	.710	.689	*	70	.736	.677	17	1.235	69	.769	17	287.1
18	.717	.682	*	71	.719	.682	18	1.241	70	.780	18	287.2
19	.714	.680	*	72	.706	.693	19	1.239	71	.790	19	287.3
20	.718	.679	*	73	.701	.701	20	1.227	72	.794	*	
21	.724	.673	*			21	1.219	73	.794	I	TPG	
22	.729	.664	*	PRISES LAT. DROITES		22	1.219	74	.792	*		
23	.735	.656	*			23	1.124	75	.786	*	1 291.3	
24	.740	.655	*	74	.704	.697	24	.972	76	.778	2 291.3	
25	.746	.659	*	75	.702	.696	25	.950	77	.769	3 291.3	
26	.750	.662	*	76	.704	.695	26	.948	78	.757	4 291.3	
27	.753	.666	*	77	.704	.691	27	.950	79	.744	5 291.3	
28	.757	.674	*	78	.708	.689	28	.952	80	.731	*	
29	.758	.681	*	79	.724	.678	29	.953	81	.719	*	
30	.758	.686	*	80	.721	.672	30	.954	82	.707	*	
31	.759	.686	*	81	.735	.657	31	.953	83	.695	*	
32	.757	.693	*	82	.743	.658	32	.953	84	.682	*	
33	.755	.693	*	83	.751	.666	33	.952	85	.672	*	
34	.752	.691	*	84	.757	.679	34	.949	86	.660	*	
35	.749	.691	*	85	.758	.687	35	.947	87	.644	*	
36	.748	.689	*	86	.753	.691	36	.945	88	.625	*	
37	.746	.685	*	87	.750	.691	37	.938	89	.602	*	
38	.744	.681	*	88	.746	.696	38	.927	90	.586	*	
39	.743	.678	*	89	.741	.678	39	.912	91	.572	*	
40	.739	.676	*	90	.735	.677	40	.893	92	.560	*	
41	.736	.675	*	91	.725	.681	41	.872	93	.547	*	
42	.736	.675	*	92	.719	.682	42	.846	94	.535	*	
43	.730	.676	*	93	.709	.688	43	.821	95	.521	*	
44	.726	.679	*	94	.708	.692	44	.793	96	.522	*	
45	.721	.680	*	95	.705	.695	45	.767	97	.501	*	
46	.721	.681	*	96	.700	.694	46	.740	98	.490	*	
47	.719	.683	*			47	.718	99	.479	*		
48	.717	.686	*			48	.698	100	.416	*		
49	.714	.689	*			49	.683	101	.384	*		
50	.709	.692	*			50	.670	102	.173	*		
51	.708	.693	*			51	.661	103	.966	*		
52	.707	.695	*	PRISES COL		52	.654					
53	.709	.696	*									
54	.708	.697	*	.768	1.160	*	REFERENCE PROFIL					
55	.707	.697	*	.815	1.002	*	.701					
56	.704	.696	*	.880	.855	*	.701					
57	.701	.694	*	.935	.797	*	.702					
58	.694	.691	*	1.107	.747	*	.701					

***** FICHER AD258 N0(IT)= 4
18/ 3/85 15H15 M=.728 PI=1.7 TI=300 I=+2.00 (RM) AD258
DE AD257 4' ITER.

MACH DE REFERENCE= .7306 UINF= 238.522 M/S
TIV=293.4 K PIV= 1644 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.737	.720	*	PRISES DOUBLES		1	.185	53	.662	1	288.9
2	.737	.725	*			2	.394	54	.658	2	287.8
3	.735	.722	*	59	.732	.723	3	.511	.660	3	286.4
4	.731	.722	*	60	.738	.727	4	.627	.664	4	286.3
5	.729	.725	*	61	.737	.721	5	.721	.668	5	287.4
6	.730	.726	*			6	.767	58	.675	6	287.7
7	.732	.725	*	PRISES LAT. GAUCHES		7	.791	59	.682	7	287.7
8	.733	.724	*			8	.810	60	.690	8	288.3
9	.734	.728	*	62	.732	.724	9	.832	.700	9	289.8
10	.735	.722	*	63	.732	.728	10	.860	.712	10	289.6
11	.733	.725	*	64	.740	.713	11	.891	.722	11	289.3
12	.729	.724	*	65	.753	.695	12	.928	.733	12	289.3
13	.733	.720	*	66	.781	.683	13	1.010	.746	13	289.6
14	.733	.721	*	67	.799	.711	14	1.117	.759	14	290.8
15	.735	.721	*	68	.797	.724	15	1.223	.774	15	289.6
16	.736	.719	*	69	.787	.716	16	1.226	.790	16	287.4
17	.741	.716	*	70	.771	.705	17	1.258	.805	17	286.9
18	.747	.712	*	71	.746	.712	18	1.270	.818	18	287.1
19	.744	.708	*	72	.739	.721	19	1.274	.829	19	287.5
20	.747	.703	*	73	.729	.731	20	1.271	.835		
21	.756	.697	*			21	1.268	.73	.835	I	TPG
22	.762	.687	*	PRISES LAT. DROITES		22	1.274	74	.833		
23	.769	.679	*			23	1.273	75	.826	1	293.4
24	.775	.678	*	74	.732	.725	24	1.273	.818	2	293.4
25	.781	.684	*	75	.733	.724	25	1.271	.806	3	293.4
26	.787	.687	*	76	.733	.724	26	1.270	.793	4	293.4
27	.792	.693	*	77	.732	.713	27	1.271	.778	5	293.3
28	.797	.704	*	78	.741	.717	28	1.269	.764		
29	.798	.713	*	79	.755	.707	29	1.256	.752		
30	.799	.718	*	80	.754	.696	30	1.062	.739		
31	.801	.718	*	81	.770	.681	31	.985	.726		
32	.799	.725	*	82	.778	.683	32	.959	.712		
33	.797	.725	*	83	.790	.694	33	.949	.701		
34	.793	.721	*	84	.797	.710	34	.948	.689		
35	.790	.720	*	85	.799	.720	35	.951	.672		
36	.789	.717	*	86	.795	.723	36	.954	.652		
37	.785	.713	*	87	.791	.720	37	.954	.629		
38	.782	.709	*	88	.786	.714	38	.949	.612		
39	.779	.705	*	89	.778	.707	39	.937	.597		
40	.775	.703	*	90	.769	.704	40	.921	.584		
41	.772	.701	*	91	.760	.704	41	.900	.571		
42	.770	.700	*	92	.747	.712	42	.875	.560		
43	.765	.700	*	93	.740	.719	43	.851	.546		
44	.759	.702	*	94	.741	.721	44	.824	.548		
45	.754	.703	*	95	.736	.721	45	.796	.527		
46	.751	.707	*	96	.728	.721	46	.769	.519		
47	.746	.713	*			47	.746	.512			
48	.744	.717	*			48	.725	100	.449		
49	.745	.719	*			49	.707	101	.332		
50	.741	.720	*			50	.693	102	.196		
51	.741	.721	*			51	.680	103	.079		
52	.737	.722	*	PRISES COL		52	.670				
53	.740	.725	*								
54	.739	.727	*	.801	1.185	*	REFERENCE PROFIL				
55	.739	.726	*	.843	.916	*	.730				
56	.735	.725	*	.903	.850	*	.730				
57	.730	.722	*	.953	.808	*	.730				
58	.718	.713	*	1.124	.764	*	.730				

***** FICHER AD260 N0(IT)= 4
 18/ 3/85 17H 0 M=.762 PI=1.7 TI=300 I=+2.00 (RM) AD260
 DE AD259 4' ITER.

MACH DE REFERENCE= .7656 UINF= 249.028 M/S
 TIV=294.0 K PIV= 1685 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.772	.756	*	PRISES DOUBLES		1	.136	53	.731	1	289.7
2	.774	.763	*			2	.343	54	.719	2	287.9
3	.772	.761	*	59	.768	.761	3	.461	.715	3	287.2
4	.766	.759	*	60	.773	.762	4	.576	.716	4	286.9
5	.764	.762	*	61	.767	.754	5	.669	.719	5	286.9
6	.766	.764	*				6	.719	.724	6	287.9
7	.768	.762	*	PRISES LAT. GAUCHES*		7	.748	59	.729	7	288.8
8	.766	.757	*			8	.772	60	.738	8	289.1
9	.766	.760	*	62	.769	.762	9	.798	.747	9	290.4
10	.770	.756	*	63	.765	.763	10	.828	.760	10	290.0
11	.769	.760	*	64	.769	.751	11	.862	.770	11	289.7
12	.763	.758	*	65	.786	.727	12	.901	.783	12	289.7
13	.767	.754	*	66	.816	.717	13	.989	.797	13	290.1
14	.765	.756	*	67	.847	.750	14	1.110	.815	14	290.5
15	.766	.756	*	68	.846	.767	15	1.201	.832	15	290.4
16	.765	.753	*	69	.831	.761	16	1.210	.850	16	288.0
17	.771	.749	*	70	.811	.746	17	1.244	.868	17	287.8
18	.779	.743	*	71	.783	.745	18	1.264	.884	18	288.0
19	.777	.739	*	72	.771	.755	19	1.268	.898	19	288.2
20	.780	.735	*	73	.758	.768	20	1.270	.905		
21	.789	.729	*				21	1.273	.905	I	TPG
22	.795	.722	*	PRISES LAT. DROITES*		22	1.287	74	.903		
23	.802	.714	*			23	1.286	75	.893	1	294.0
24	.809	.713	*	74	.769	.764	24	1.290	.882	2	294.0
25	.816	.719	*	75	.769	.762	25	1.292	.868	3	294.0
26	.825	.723	*	76	.768	.759	26	1.296	.852	4	293.9
27	.834	.730	*	77	.765	.754	27	1.299	.834	5	293.9
28	.844	.743	*	78	.770	.750	28	1.303	.818		
29	.848	.753	*	79	.788	.737	29	1.311	.803		
30	.850	.761	*	80	.787	.729	30	1.314	.789		
31	.854	.761	*	81	.804	.716	31	1.316	.775		
32	.852	.770	*	82	.813	.718	32	1.323	.760		
33	.849	.771	*	83	.832	.731	33	1.278	.748		
34	.844	.768	*	84	.847	.750	34	1.085	.736		
35	.838	.766	*	85	.850	.761	35	1.023	.719		
36	.835	.762	*	86	.844	.765	36	.995	.698		
37	.829	.757	*	87	.837	.762	37	.974	.675		
38	.825	.754	*	88	.831	.756	38	.954	.657		
39	.821	.749	*	89	.820	.749	39	.935	.652		
40	.814	.747	*	90	.807	.744	40	.916	.634		
41	.809	.744	*	91	.796	.740	41	.898	.621		
42	.808	.742	*	92	.785	.746	42	.880	.611		
43	.802	.739	*	93	.773	.752	43	.863	.599		
44	.794	.738	*	94	.772	.754	44	.847	.601		
45	.790	.737	*	95	.770	.737	45	.832	.584		
46	.787	.741	*	96	.758	.737	46	.820	.585		
47	.784	.747	*				47	.807	.592		
48	.781	.751	*				48	.795	.527		
49	.777	.752	*				49	.786	.485		
50	.772	.753	*				50	.775	.261		
51	.772	.755	*				51	.764	.136		
52	.768	.755	*	PRISES COL		52	.751				
53	.773	.760	*								
54	.774	.764	*	.847	1.209		REFERENCE PROFIL				
55	.773	.760	*	.884	.871		.765				
56	.767	.755	*	.936	.839		.766				
57	.760	.743	*	.981	.817		.765				
58	.740	.712	*	1.146	.785		.765				

***** FICHER AD261 N0(IT)= 4
18/ 3/85 17H30 M=.747 PI=1.7 TI=300 I=+2.00 (RM) AD261
DE AD260 4' ITER.

MACH DE REFERENCE= .7522 UINF= 245.374 M/S
TIV=294.7 K PIV= 1667 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.758	.741	*	PRISES DOUBLES		1	.162	53	.687	1	290.2	
2	.758	.746	*			2	.371	54	.682	2	288.3	
3	.756	.744	*	59	.753	.744	3	.488	55	.683	3	287.7
4	.751	.743	*	60	.759	.747	4	.603	56	.686	4	287.4
5	.748	.746	*	61	.756	.742	5	.697	57	.691	5	287.6
6	.750	.747	*				6	.744	58	.697	6	288.9
7	.753	.746	*	PRISES LAT. GAUCHES		7	.771	59	.704	7	289.2	
8	.753	.742	*			8	.793	60	.713	8	289.6	
9	.754	.746	*	62	.753	.746	9	.817	61	.723	9	291.1
10	.756	.741	*	63	.752	.748	10	.845	62	.736	10	290.8
11	.754	.746	*	64	.758	.737	11	.878	63	.746	11	290.5
12	.748	.745	*	65	.773	.714	12	.917	64	.758	12	290.5
13	.752	.741	*	66	.805	.702	13	1.001	65	.772	13	290.8
14	.752	.742	*	67	.829	.732	14	1.116	66	.788	14	291.2
15	.754	.743	*	68	.830	.750	15	1.217	67	.805	15	291.8
16	.754	.739	*	69	.818	.745	16	1.225	68	.823	16	288.4
17	.761	.736	*	70	.795	.728	17	1.257	69	.840	17	288.2
18	.767	.730	*	71	.770	.730	18	1.273	70	.854	18	288.3
19	.765	.727	*	72	.759	.742	19	1.277	71	.866	19	288.6
20	.765	.723	*	73	.746	.753	20	1.277	72	.873		
21	.778	.716	*				21	1.279	73	.873	I	TPG
22	.784	.705	*	PRISES LAT. DROITES		22	1.288	74	.871			
23	.793	.697	*			23	1.288	75	.863	1	294.7	
24	.800	.697	*	74	.753	.747	24	1.290	76	.853	2	294.6
25	.806	.704	*	75	.754	.745	25	1.291	77	.840	3	294.6
26	.813	.707	*	76	.754	.744	26	1.294	78	.825	4	294.6
27	.820	.714	*	77	.751	.740	27	1.297	79	.809	5	294.6
28	.827	.725	*	78	.759	.737	28	1.299	80	.793		
29	.830	.734	*	79	.773	.724	29	1.305	81	.779		
30	.831	.741	*	80	.773	.716	30	1.309	82	.766		
31	.835	.742	*	81	.794	.699	31	1.310	83	.753		
32	.833	.750	*	82	.803	.703	32	1.315	84	.738		
33	.832	.751	*	83	.818	.714	33	1.305	85	.726		
34	.827	.749	*	84	.828	.731	34	1.100	86	.714		
35	.823	.747	*	85	.832	.742	35	1.021	87	.697		
36	.821	.745	*	86	.828	.748	36	.987	88	.676		
37	.815	.740	*	87	.823	.748	37	.963	89	.652		
38	.811	.735	*	88	.817	.741	38	.943	90	.636		
39	.807	.730	*	89	.806	.732	39	.925	91	.620		
40	.800	.727	*	90	.793	.726	40	.909	92	.609		
41	.795	.724	*	91	.781	.724	41	.890	93	.594		
42	.794	.723	*	92	.772	.732	42	.869	94	.585		
43	.787	.721	*	93	.761	.738	43	.848	95	.572		
44	.779	.722	*	94	.760	.741	44	.827	96	.573		
45	.775	.722	*	95	.757	.736	45	.805	97	.555		
46	.772	.726	*	96	.745	.736	46	.783	98	.553		
47	.771	.732	*				47	.764	99	.550		
48	.769	.736	*				48	.748	100	.486		
49	.766	.739	*				49	.732	101	.369		
50	.760	.740	*				50	.720	102	.229		
51	.760	.742	*				51	.707	103	.107		
52	.757	.743	*	PRISES COL		52	.698					
53	.761	.746	*									
54	.761	.749	*	.826	1.204		REFERENCE PROFIL					
55	.760	.747	*	.865	.883		.750					
56	.755	.744	*	.922	.843		.749					
57	.748	.738	*	.969	.812		.749					
58	.731	.721	*	1.137	.775		.750					

***** FICHER AD262 N0(IT)= 5
 19/ 3/85 9H40 M=.696 PI=1.7 TI=300 I=+3.00 (RM) AD262
 DE AD137 4' ITER.

MACH DE REFERENCE= .7009 UINF= 229.012 M/S
 TIV=291.7 K PIV= 1656 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.708	.689	*	PRISES DOUBLES		1	.304	53	.632	1	287.2
2	.707	.692	*			2	.513	54	.629	2	285.0
3	.705	.692	*	59	.702	.693	3	.632	.629	3	284.6
4	.702	.694	*	60	.710	.696	4	.756	.632	4	285.5
5	.700	.697	*	61	.709	.693	5	.858	.636	5	286.1
6	.700	.696	*			6	.899	58	.641	6	285.8
7	.702	.694	*	PRISES LAT. GAUCHES		7	.909	59	.646	7	285.9
8	.704	.693	*			8	.916	60	.654	8	286.6
9	.706	.698	*	62	.703	.696	9	.929	.663	9	288.6
10	.707	.691	*	63	.707	.697	10	.949	.674	10	288.5
11	.706	.695	*	64	.712	.687	11	.975	.682	11	288.2
12	.703	.695	*	65	.726	.665	12	1.009	.691	12	288.3
13	.707	.691	*	66	.756	.645	13	1.095	.701	13	288.5
14	.706	.691	*	67	.773	.663	14	1.143	.714	14	288.8
15	.707	.691	*	68	.770	.679	15	1.278	.726	15	288.4
16	.708	.689	*	69	.759	.679	16	1.323	.738	16	287.0
17	.712	.685	*	70	.743	.674	17	1.333	.749	17	286.2
18	.718	.677	*	71	.720	.682	18	1.333	.759	18	286.8
19	.716	.674	*	72	.712	.693	19	1.337	.766	19	287.1
20	.719	.672	*	73	.701	.701	20	1.339	.770		
21	.729	.666	*			21	1.333	73	.768	I	TPG
22	.737	.655	*	PRISES LAT. DROITES		22	1.333	74	.766		
23	.745	.645	*			23	1.325	75	.758	1	291.6
24	.750	.641	*	74	.704	.696	24	1.323	.751	2	291.6
25	.755	.644	*	75	.703	.693	25	1.317	.739	3	291.6
26	.760	.645	*	76	.706	.693	26	1.308	.728	4	291.5
27	.765	.648	*	77	.706	.690	27	1.101	.714	5	291.6
28	.770	.656	*	78	.713	.686	28	1.002	.701		
29	.771	.663	*	79	.726	.673	29	.964	.688		
30	.772	.669	*	80	.727	.666	30	.939	.675		
31	.775	.670	*	81	.746	.648	31	.924	.663		
32	.773	.678	*	82	.754	.644	32	.919	.649		
33	.770	.680	*	83	.764	.650	33	.918	.637		
34	.766	.679	*	84	.772	.663	34	.920	.624		
35	.763	.679	*	85	.773	.673	35	.921	.606		
36	.761	.678	*	86	.768	.679	36	.923	.584		
37	.756	.675	*	87	.763	.680	37	.920	.558		
38	.752	.673	*	88	.758	.677	38	.914	.539		
39	.749	.671	*	89	.749	.673	39	.903	.522		
40	.744	.670	*	90	.741	.673	40	.889	.508		
41	.741	.669	*	91	.733	.677	41	.868	.492		
42	.741	.669	*	92	.722	.683	42	.846	.478		
43	.736	.671	*	93	.713	.688	43	.824	.460		
44	.731	.673	*	94	.713	.691	44	.798	.461		
45	.727	.675	*	95	.709	.695	45	.772	.432		
46	.724	.678	*	96	.701	.695	46	.746	.406		
47	.719	.682	*			47	.723	.376			
48	.718	.684	*			48	.701	.308			
49	.716	.687	*			49	.682	.199			
50	.713	.689	*			50	.665	.084			
51	.713	.691	*			51	.650	.076			
52	.710	.694	*	PRISES COL		52	.640				
53	.712	.696	*								
54	.712	.697	*	.769	1.161		REFERENCE PROFIL				
55	.711	.697	*	.816	1.257		.702				
56	.707	.697	*	.881	.930		.701				
57	.702	.695	*	.935	.828		.701				
58	.692	.691	*	1.108	.772		.702				

***** FICHER AD263 NO(IT)= 4
19/ 3/95 10H 0 M=.725 PI=1.7 TI=300 I=+3.00 (RM) AD263
DE AD262 5' ITER.

MACH DE REFERENCE= .7296 UINF= 239.227 M/S
TIV=293.4 K PIV= 1699 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.738	.719	*	PRISES DOUBLES		1	.269	53	.663	1	289.0
2	.739	.723	*			2	.479	54	.658	2	286.8
3	.736	.721	*	59	.732	.722	3	.598	.658	3	286.1
4	.731	.721	*	60	.738	.725	4	.721	.660	4	285.8
5	.729	.724	*	61	.735	.721	5	.821	.664	5	286.4
6	.731	.725	*			6	.864	58	.671	6	287.3
7	.732	.725	*	PRISES LAT. GAUCHES		7	.879	59	.676	7	287.8
8	.732	.722	*			8	.890	60	.695	8	287.9
9	.732	.725	*	62	.734	.724	9	.907	.693	9	290.0
10	.734	.720	*	63	.733	.726	10	.930	.705	10	289.8
11	.733	.723	*	64	.740	.715	11	.958	.714	11	289.5
12	.729	.721	*	65	.757	.690	12	.994	.724	12	289.6
13	.734	.718	*	66	.786	.670	13	1.082	.735	13	289.9
14	.734	.719	*	67	.814	.698	14	1.139	.750	14	290.2
15	.737	.720	*	68	.811	.714	15	1.276	.763	15	289.9
16	.737	.718	*	69	.798	.711	16	1.318	.778	16	287.1
17	.742	.713	*	70	.779	.704	17	1.334	.792	17	286.6
18	.748	.705	*	71	.750	.708	18	1.339	.803	18	286.8
19	.746	.701	*	72	.740	.721	19	1.345	.812	19	287.3
20	.749	.698	*	73	.721	.732	20	1.353	.816		
21	.760	.691	*			21	1.349	73	.815	I	TPG
22	.768	.680	*	PRISES LAT. DROITES		22	1.351	74	.812		
23	.775	.669	*			23	1.350	75	.803	1	293.4
24	.781	.666	*	74	.734	.724	24	1.349	.794	2	293.5
25	.787	.669	*	75	.734	.724	25	1.349	.782	3	293.4
26	.794	.672	*	76	.733	.723	26	1.348	.769	4	293.4
27	.802	.678	*	77	.733	.717	27	1.348	.754	5	293.4
28	.811	.689	*	78	.742	.715	28	1.353	.739		
29	.815	.698	*	79	.754	.699	29	1.355	.725		
30	.815	.704	*	80	.758	.691	30	1.357	.711		
31	.818	.705	*	81	.777	.672	31	1.303	.698		
32	.816	.713	*	82	.785	.669	32	1.089	.683		
33	.813	.714	*	83	.800	.679	33	1.036	.670		
34	.807	.711	*	84	.813	.696	34	1.007	.657		
35	.803	.711	*	85	.816	.707	35	.981	.638		
36	.800	.709	*	86	.810	.712	36	.956	.615		
37	.796	.705	*	87	.803	.712	37	.936	.588		
38	.792	.702	*	88	.798	.707	38	.918	.570		
39	.789	.699	*	89	.789	.702	39	.902	.554		
40	.784	.698	*	90	.776	.701	40	.886	.539		
41	.779	.697	*	91	.760	.705	41	.869	.525		
42	.777	.697	*	92	.751	.708	42	.850	.510		
43	.767	.698	*	93	.743	.715	43	.831	.494		
44	.759	.701	*	94	.742	.721	44	.809	.495		
45	.754	.702	*	95	.736	.717	45	.788	.468		
46	.752	.705	*	96	.721	.716	46	.766	.448		
47	.750	.709	*			47	.746	.424			
48	.749	.713	*			48	.728	100	.355		
49	.748	.716	*			49	.711	101	.244		
50	.743	.719	*			50	.696	102	.118		
51	.742	.722	*			51	.683	103	.066		
52	.736	.722	*	PRISES COL		52	.673				
53	.740	.725	*								
54	.740	.727	*	.805	1.191		REFERENCE PROFIL				
55	.739	.726	*	.848	1.134		.730				
56	.732	.724	*	.907	.884		.731				
57	.725	.719	*	.956	.834		.729				
58	.703	.703	*	1.127	.789		.730				

***** FICHER AD264 N0(IT)= 4
 19/ 3/85 10H60 M=.759 PI=1.7 TI=300 I=+3.00 (RM) AD264
 DE AD263 4' ITER.

MACH DE REFERENCE= .7665 UINF= 249.154 M/S
 TIV=293.7 K PIV= 1741 MB

MACH PAROIS						MACH PROFIL				TCKO	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.773	.756	PRISES DOUBLES			1	.192	53	.775	1	289.4
2	.775	.763				2	.402	54	.754	2	287.3
3	.772	.760	59	.766	.760	3	.520	55	.745	3	286.6
4	.766	.758	60	.771	.758	4	.637	56	.742	4	286.3
5	.763	.761	61	.771	.756	5	.734	57	.741	5	287.2
6	.765	.763				6	.791	58	.745	6	288.1
7	.766	.762	PRISES LAT. GAUCHES			7	.805	59	.747	7	287.9
8	.764	.756				8	.824	60	.754	8	287.8
9	.763	.758	62	.769	.762	9	.847	61	.762	9	289.9
10	.767	.753	63	.764	.760	10	.875	62	.774	10	289.6
11	.767	.756	64	.770	.748	11	.906	63	.783	11	289.3
12	.761	.755	65	.782	.725	12	.944	64	.795	12	289.3
13	.766	.752	66	.819	.711	13	1.028	65	.808	13	289.8
14	.765	.754	67	.854	.749	14	1.127	66	.820	14	290.3
15	.767	.755	68	.853	.766	15	1.249	67	.838	15	290.3
16	.766	.752	69	.837	.760	16	1.279	68	.856	16	287.5
17	.774	.748	70	.815	.748	17	1.301	69	.874	17	287.3
18	.781	.740	71	.784	.747	18	1.312	70	.889	18	287.5
19	.778	.736	72	.774	.757	19	1.324	71	.901	19	287.7
20	.777	.735	73	.751	.770	20	1.327	72	.907		
21	.791	.729				21	1.326	73	.904	I	TPG
22	.793	.717	PRISES LAT. DROITES			22	1.330	74	.899		
23	.802	.707				23	1.336	75	.888	1	293.7
24	.811	.706	74	.769	.764	24	1.338	76	.876	2	293.7
25	.819	.713	75	.768	.761	25	1.340	77	.860	3	293.7
26	.828	.717	76	.765	.755	26	1.342	78	.843	4	293.6
27	.838	.726	77	.764	.752	27	1.338	79	.824	5	293.7
28	.849	.741	78	.771	.748	28	1.293	80	.806		
29	.854	.753	79	.788	.733	29	1.184	81	.790		
30	.856	.761	80	.782	.727	30	1.075	82	.775		
31	.859	.762	81	.804	.709	31	1.039	83	.760		
32	.857	.771	82	.815	.711	32	1.016	84	.743		
33	.853	.771	83	.836	.726	33	1.004	85	.730		
34	.846	.767	84	.853	.749	34	.990	86	.715		
35	.842	.767	85	.856	.762	35	.988	87	.697		
36	.839	.765	86	.850	.767	36	.977	88	.674		
37	.834	.762	87	.842	.765	37	.965	89	.648		
38	.830	.759	88	.836	.759	38	.952	90	.629		
39	.827	.756	89	.826	.752	39	.942	91	.613		
40	.821	.753	90	.812	.749	40	.927	92	.598		
41	.815	.751	91	.794	.746	41	.914	93	.584		
42	.813	.750	92	.787	.749	42	.904	94	.573		
43	.803	.748	93	.776	.753	43	.893	95	.559		
44	.799	.746	94	.776	.755	44	.885	96	.561		
45	.789	.745	95	.773	.739	45	.876	97	.540		
46	.786	.747	96	.751	.739	46	.868	98	.530		
47	.786	.749				47	.861	99	.524		
48	.785	.752				48	.854	100	.458		
49	.782	.754				49	.848	101	.341		
50	.776	.755				50	.842	102	.203		
51	.776	.757				51	.835	103	.089		
52	.773	.757	PRISES COL			52	.817				
53	.779	.762									
54	.781	.766	.852	1.218		REFERENCE PROFIL					
55	.779	.763	.890	.897			.764				
56	.769	.759	.941	.859			.765				
57	.758	.747	.986	.842			.764				
58	.728	.715	1.158	.806			.765				

ORIGINAL PAGE IS
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***** FICHER AD265 N0(1T)= 4
19/ 3/85 11H15 M=.745 PI=1.7 TI=300 I=+3.00 (RM) AD265
DE AD264 4' ITER.

MACH DE REFERENCE= .7517 UINF= 245.386 M/S
TIV=295.0 K PIV= 1726 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.758	.740	PRISES DOUBLES			1	.219	53	.731	1	290.0
2	.759	.746				2	.430	54	.715	2	288.0
3	.757	.743	59	.753	.744	3	.548	55	.710	3	287.0
4	.752	.742	60	.759	.746	4	.667	56	.710	4	287.0
5	.749	.744	61	.758	.742	5	.765	57	.710	5	288.0
6	.751	.746	PRISES LAT. GAUCHES			6	.811	58	.714	6	289.2
7	.753	.745				7	.932	59	.718	7	289.2
8	.752	.742				8	.847	60	.725	8	289.3
9	.752	.746	62	.754	.745	9	.868	61	.734	9	291.3
10	.755	.741	63	.753	.748	10	.894	62	.746	10	291.1
11	.754	.744	64	.758	.736	11	.924	63	.755	11	290.9
12	.749	.743	65	.772	.710	12	.962	64	.765	12	290.8
13	.753	.739	66	.812	.695	13	1.046	65	.778	13	291.2
14	.753	.741	67	.834	.727	14	1.132	66	.794	14	291.6
15	.755	.742	68	.834	.743	15	1.259	67	.808	15	291.4
16	.755	.739	69	.822	.740	16	1.299	68	.823	16	288.1
17	.761	.735	70	.804	.731	17	1.311	69	.838	17	288.0
18	.767	.727	71	.770	.732	18	1.319	70	.851	18	288.0
19	.765	.723	72	.761	.743	19	1.332	71	.862	19	288.3
20	.765	.718	73	.743	.756	20	1.334	72	.867	I TPG	
21	.778	.712	PRISES LAT. DROITES			21	1.334	73	.865		
22	.783	.703				22	1.341	74	.861		
23	.796	.694	74	.754	.746	23	1.342	75	.852	1	295.0
24	.803	.692	75	.754	.745	24	1.343	76	.841	2	295.0
25	.812	.697	76	.754	.744	25	1.344	77	.827	3	295.0
26	.820	.700	77	.752	.738	26	1.344	78	.812	4	295.0
27	.826	.707	78	.750	.736	27	1.335	79	.795	5	294.9
28	.832	.719	79	.774	.721	28	1.302	80	.779		
29	.833	.729	80	.773	.711	29	1.223	81	.764		
30	.834	.736	81	.796	.697	30	1.154	82	.750		
31	.838	.737	82	.810	.697	31	1.124	83	.736		
32	.837	.745	83	.824	.708	32	1.081	84	.720		
33	.835	.746	84	.833	.727	33	1.040	85	.707		
34	.831	.743	85	.835	.738	34	1.019	86	.692		
35	.827	.743	86	.833	.742	35	1.000	87	.674		
36	.824	.739	87	.828	.740	36	.984	88	.651		
37	.819	.737	88	.821	.736	37	.967	89	.625		
38	.816	.735	89	.813	.732	38	.950	90	.606		
39	.814	.732	90	.801	.731	39	.931	91	.592		
40	.808	.731	91	.786	.727	40	.913	92	.577		
41	.803	.729	92	.772	.724	41	.896	93	.562		
42	.802	.728	93	.761	.748	42	.880	94	.550		
43	.793	.726	94	.763	.742	43	.866	95	.535		
44	.784	.725	95	.760	.727	44	.852	96	.526		
45	.779	.725	96	.743	.727	45	.836	97	.513		
46	.774	.723				46	.825	98	.498		
47	.769	.723				47	.813	99	.484		
48	.767	.723				48	.803	100	.418		
49	.766	.740				49	.794	101	.382		
50	.762	.742				50	.784	102	.179		
51	.763	.744				51	.774	103	.059		
52	.759	.744	PRISES COL			52	.761				
53	.754	.748				REFERENCE PROFIL					
54	.765	.751	.835	1.207							
55	.763	.748	.873	.927							
56	.755	.744	.927	.866							
57	.747	.733	.973	.836							
58	.732	.705	1.148	.795							

***** FICHER AD266 NO(IT)= 5
 19/ 3/85 11H55 M=.696 PI=1.7 TI=300 I=+4.00 (RM) AD266
 DE AD265 4' ITER.

MACH DE REFERENCE= .7021 UNF= 230.874 M/S
 TIV=295.5 K PIV= 1655 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.711	.689	*	PRISES DOUBLES		1	.374	53	.636	1	290.3	
2	.711	.694	*			2	.587	54	.631	2	288.0	
3	.709	.692	*	59	.705	.693	3	.709	.631	3	287.4	
4	.704	.693	*	60	.710	.696	4	.842	.634	4	287.7	
5	.701	.695	*	61	.711	.691	5	.959	.637	5	289.2	
6	.703	.696	*			6	1.004	59	.642	6	289.1	
7	.705	.695	*	PRISES LAT. GAUCHES		7	1.001	59	.647	7	288.5	
8	.705	.692	*			8	.996	60	.655	8	288.9	
9	.706	.696	*	62	.706	.695	9	1.002	61	.661	9	292.0
10	.707	.691	*	63	.707	.696	10	1.015	62	.673	10	291.9
11	.706	.694	*	64	.714	.685	11	1.036	63	.680	11	291.7
12	.702	.693	*	65	.731	.660	12	1.069	64	.688	12	291.8
13	.706	.699	*	66	.767	.636	13	1.152	65	.698	13	292.0
14	.707	.690	*	67	.780	.658	14	1.228	66	.708	14	292.2
15	.710	.691	*	68	.779	.675	15	1.311	67	.720	15	291.3
16	.710	.689	*	69	.769	.678	16	1.369	68	.731	16	288.7
17	.716	.684	*	70	.751	.675	17	1.401	69	.742	17	288.3
18	.721	.675	*	71	.723	.683	18	1.409	70	.751	18	288.7
19	.719	.671	*	72	.713	.691	19	1.407	71	.757	19	289.0
20	.724	.668	*	73	.694	.702	20	1.407	72	.759		
21	.736	.662	*			21	1.403	73	.757	I	TPG	
22	.743	.650	*	PRISES LAT. DROITES		22	1.403	74	.753			
23	.754	.639	*			23	1.396	75	.745	1	295.4	
24	.760	.633	*	74	.706	.696	24	1.390	76	.736	2	295.4
25	.768	.635	*	75	.706	.693	25	1.386	77	.724	3	295.4
26	.773	.636	*	76	.706	.694	26	1.384	78	.711	4	295.4
27	.777	.640	*	77	.706	.688	27	1.383	79	.697	5	295.4
28	.780	.649	*	78	.715	.685	28	1.267	80	.683		
29	.780	.657	*	79	.727	.669	29	1.085	81	.670		
30	.780	.664	*	80	.732	.662	30	1.045	82	.656		
31	.782	.665	*	81	.753	.641	31	1.019	83	.643		
32	.781	.672	*	82	.766	.635	32	.993	84	.628		
33	.779	.675	*	83	.775	.642	33	.963	85	.615		
34	.776	.673	*	84	.779	.657	34	.936	86	.600		
35	.773	.674	*	85	.780	.667	35	.915	87	.588		
36	.771	.674	*	86	.777	.674	36	.898	88	.556		
37	.767	.671	*	87	.773	.676	37	.888	89	.527		
38	.763	.670	*	88	.768	.675	38	.879	90	.507		
39	.760	.669	*	89	.759	.672	39	.871	91	.487		
40	.755	.668	*	90	.748	.673	40	.860	92	.472		
41	.750	.668	*	91	.736	.675	41	.845	93	.455		
42	.749	.668	*	92	.725	.684	42	.828	94	.439		
43	.742	.669	*	93	.715	.688	43	.810	95	.418		
44	.735	.672	*	94	.714	.690	44	.788	96	.418		
45	.730	.673	*	95	.711	.690	45	.766	97	.386		
46	.727	.673	*	96	.694	.689	46	.744	98	.351		
47	.723	.684	*			47	.724	99	.309			
48	.721	.688	*			48	.704	100	.236			
49	.718	.689	*			49	.688	101	.130			
50	.714	.689	*			50	.672	102	.060			
51	.715	.691	*			51	.657	103	.132			
52	.712	.692	*	PRISES COL		52	.648					
53	.715	.695	*									
54	.715	.698	*	.776	1.169							
55	.712	.697	*	.822	1.252							
56	.705	.695	*	.886	.990							
57	.698	.690	*	.940	.821							
58	.677	.678	*	1.112	.767							
							REFERENCE PROFIL					
							.701					
							.702					
							.702					
							.701					

***** FICHER AD267 N0(IT)= 4
19/ 3/85 14H20 M=.725 PI=1.7 TI=300 I=+4.00 (RM) AD267
DE AD266 4' ITER.

MACH DE REFERENCE= .7316 UINF= 239.020 M/S
TIV=293.9 K PIV= 1697 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.739	.719	*	PRISES DOUBLES		1	.313	53	.711	1	289.3	
2	.741	.725	*			2	.526	54	.696	2	287.5	
3	.739	.723	*	59	.733	.725	3	.646	55	.691	3	286.9
4	.733	.721	*	60	.738	.725	4	.773	56	.690	4	287.2
5	.730	.725	*	61	.738	.721	5	.881	57	.691	5	288.0
6	.732	.726	*			6	.924	58	.694	6	288.2	
7	.733	.727	*	PRISES LAT. GAUCHES		7	.935	59	.697	7	288.0	
8	.731	.722	*			8	.940	60	.703	8	288.2	
9	.731	.725	*	62	.736	.724	9	.953	61	.711	9	290.7
10	.734	.720	*	63	.733	.727	10	.971	62	.721	10	290.5
11	.734	.723	*	64	.740	.712	11	.997	63	.728	11	290.3
12	.729	.721	*	65	.757	.689	12	1.032	64	.737	12	290.4
13	.734	.717	*	66	.792	.665	13	1.121	65	.749	13	290.7
14	.734	.718	*	67	.816	.695	14	1.194	66	.759	14	291.1
15	.736	.719	*	68	.814	.714	15	1.294	67	.772	15	290.9
16	.736	.715	*	69	.801	.714	16	1.350	68	.786	16	298.4
17	.742	.711	*	70	.784	.711	17	1.380	69	.798	17	298.1
18	.750	.705	*	71	.755	.713	18	1.389	70	.808	18	288.3
19	.751	.702	*	72	.741	.722	19	1.389	71	.816	19	288.5
20	.751	.699	*	73	.716	.733	20	1.392	72	.818		
21	.764	.691	*			21	1.391	73	.815	I	TPG	
22	.766	.677	*	PRISES LAT. DROITES		22	1.393	74	.811			
23	.776	.666	*			23	1.367	75	.801	1	293.9	
24	.784	.662	*	74	.735	.725	24	1.331	76	.791	2	293.9
25	.792	.666	*	75	.734	.726	25	1.282	77	.777	3	293.8
26	.800	.669	*	76	.732	.722	26	1.243	78	.762	4	293.8
27	.808	.676	*	77	.733	.716	27	1.203	79	.746	5	293.9
28	.815	.687	*	78	.741	.712	28	1.172	80	.730		
29	.816	.697	*	79	.757	.699	29	1.139	81	.716		
30	.818	.703	*	80	.757	.690	30	1.105	82	.701		
31	.820	.705	*	81	.775	.668	31	1.063	83	.687		
32	.817	.713	*	82	.790	.666	32	1.034	84	.671		
33	.815	.715	*	83	.806	.677	33	1.018	85	.657		
34	.810	.714	*	84	.815	.695	34	1.001	86	.641		
35	.805	.715	*	85	.817	.707	35	.982	87	.622		
36	.804	.714	*	86	.813	.714	36	.964	88	.597		
37	.800	.712	*	87	.807	.714	37	.946	89	.568		
38	.797	.713	*	88	.801	.712	38	.928	90	.548		
39	.795	.712	*	89	.793	.711	39	.910	91	.531		
40	.789	.711	*	90	.780	.711	40	.892	92	.514		
41	.784	.710	*	91	.765	.707	41	.876	93	.495		
42	.782	.709	*	92	.757	.713	42	.858	94	.482		
43	.773	.706	*	93	.745	.720	43	.845	95	.463		
44	.764	.705	*	94	.743	.722	44	.830	96	.466		
45	.759	.705	*	95	.740	.709	45	.817	97	.435		
46	.757	.708	*	96	.716	.708	46	.803	98	.407		
47	.755	.714	*			47	.794	99	.374			
48	.753	.713	*			48	.782	100	.304			
49	.749	.720	*			49	.773	101	.192			
50	.743	.721	*			50	.762	102	.072			
51	.743	.723	*			51	.754	103	.077			
52	.739	.722	*	PRISES COL		52	.741					
53	.744	.726	*									
54	.745	.730	*	.815	1.198	*	REFERENCE PROFIL					
55	.742	.727	*	.856	.931	*	.731					
56	.733	.724	*	.914	.862	*	.730					
57	.722	.714	*	.964	.825	*	.730					
58	.692	.688	*	1.133	.782	*	.731					

***** FICHER AD268 NO(IT)= 4
 19/ 3/85 14H55 M=.695 PI=1.7 TI=300 I=-1.00 (RM) AD268
 DE AD249 4' ITER.

MACH DE REFERENCE= .6994 UINF= 229.676 M/S
 TIV=294.5 K PIV= 1588 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.701	.696	*	PRISES DOUBLES		1	.125	53	.636	1	290.9		
2	.700	.698	*			2	.100	54	.636	2	290.4		
3	.701	.696	*	59	.698	.696	3	.203	55	.640	3	290.3	
4	.701	.697	*	60	.703	.698	4	.307	56	.644	4	290.2	
5	.700	.699	*	61	.702	.693	5	.390	57	.651	5	290.1	
6	.698	.699	*				5	.451	58	.659	6	290.0	
7	.697	.697	*	PRISES LAT. GAUCHES		7	.493	59	.666	7	290.0		
8	.698	.696	*			8	.530	60	.676	8	290.4		
9	.699	.700	*	62	.701	.699	9	.564	61	.687	9	291.2	
10	.699	.693	*	63	.700	.701	10	.600	62	.700	10	291.0	
11	.700	.697	*	64	.700	.696	11	.635	63	.711	11	290.6	
12	.698	.698	*	65	.705	.684	12	.673	64	.724	12	290.5	
13	.701	.695	*	66	.718	.693	13	.759	65	.738	13	290.7	
14	.698	.695	*	67	.726	.717	14	.838	66	.754	14	291.1	
15	.699	.696	*	68	.726	.722	15	.877	67	.771	15	291.3	
16	.698	.694	*	69	.725	.711	16	.906	68	.789	16	289.9	
17	.700	.693	*	70	.722	.691	17	.910	69	.807	17	290.1	
18	.703	.690	*	71	.705	.687	18	.911	70	.824	18	289.8	
19	.701	.689	*	72	.704	.695	19	.904	71	.838	19	289.9	
20	.702	.687	*	73	.703	.702	20	.898	72	.849			
21	.714	.685	*				21	.897	73	.854	I	TPG	
22	.706	.682	*	PRISES LAT. DROITES		22	.898	74	.858				
23	.711	.682	*			23	.895	75	.856	1	294.5		
24	.714	.687	*	74	.700	.698	24	.894	76	.852	2	294.6	
25	.717	.696	*	75	.699	.698	25	.892	77	.845	3	294.5	
26	.720	.701	*	76	.699	.696	26	.892	78	.837	4	294.4	
27	.722	.707	*	77	.700	.695	27	.892	79	.826	5	294.4	
28	.724	.715	*	78	.700	.695	28	.895	80	.816			
29	.724	.719	*	79	.709	.688	29	.897	81	.808			
30	.724	.722	*	80	.707	.685	30	.898	82	.800			
31	.726	.720	*	81	.712	.684	31	.899	83	.793			
32	.725	.725	*	82	.717	.696	32	.903	84	.786			
33	.724	.724	*	83	.721	.707	33	.904	85	.780			
34	.723	.719	*	84	.725	.717	34	.906	86	.778			
35	.723	.718	*	85	.726	.722	35	.909	87	.771			
36	.724	.714	*	86	.725	.723	36	.911	88	.762			
37	.723	.708	*	87	.724	.718	37	.911	89	.755			
38	.724	.702	*	88	.724	.709	38	.908	90	.747			
39	.725	.697	*	89	.725	.698	39	.899	91	.750			
40	.723	.694	*	90	.721	.692	40	.882	92	.741			
41	.721	.690	*	91	.713	.689	41	.864	93	.734			
42	.721	.688	*	92	.708	.688	42	.843	94	.729			
43	.716	.686	*	93	.702	.692	43	.821	95	.707			
44	.712	.686	*	94	.704	.694	44	.795	96	.736			
45	.707	.685	*	95	.702	.694	45	.769	97	.812			
46	.706	.686	*	96	.702	.693	46	.742	98	.840			
47	.704	.687	*				47	.718	99	.913			
48	.704	.689	*				48	.695	100	.874			
49	.704	.691	*				49	.676	101	.718			
50	.703	.694	*				50	.659	102	.547			
51	.703	.694	*				51	.646	103	.417			
52	.703	.695	*	PRISES COL		52	.636						
53	.704	.696	*										
54	.703	.697	*	.767	1.156		REFERENCE PROFIL						
55	.703	.697	*	.813	.958		.700						
56	.700	.696	*	.878	.848		.701						
57	.700	.693	*	.933	.786		.699						
58	.698	.685	*	1.105	.738		.700						

***** FICHER AD269 N0(IT)= 4
19/ 3/85 15H20 M=.725 PI=1.7 TI=300 I=-1.00 (RM) AD269
DE AD268 4' ITER.

MACH DE REFERENCE= .7312 UINF= 239.567 M/S
TIV=295.6 K PIY= 1630 MB

MACH PAROIS			*	MACH PROFIL			*	TKO						
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR			
1	.731	.725	*	PRISES DOUBLES			*	1	.127	53	.663	*	1	291.7
2	.729	.728	*					2	.082	54	.663	*	2	291.2
3	.730	.727	*	59	.728	.726	*	3	.193	55	.666	*	3	291.1
4	.730	.729	*	60	.735	.729	*	4	.301	56	.672	*	4	290.9
5	.730	.733	*	61	.734	.726	*	5	.388	57	.679	*	5	290.8
6	.729	.731	*					6	.453	58	.686	*	6	290.7
7	.728	.727	*	PRISES LAT. GAUCHES			*	7	.497	59	.695	*	7	290.7
8	.731	.726	*					8	.534	60	.705	*	8	291.2
9	.733	.731	*	62	.729	.730	*	9	.570	61	.717	*	9	292.1
10	.731	.723	*	63	.729	.729	*	10	.608	62	.731	*	10	291.8
11	.730	.728	*	64	.732	.725	*	11	.645	63	.743	*	11	291.4
12	.726	.729	*	65	.733	.713	*	12	.685	64	.757	*	12	291.2
13	.730	.726	*	66	.748	.722	*	13	.779	65	.773	*	13	291.5
14	.727	.726	*	67	.764	.759	*	14	.864	66	.791	*	14	291.9
15	.729	.726	*	68	.766	.763	*	15	.913	67	.810	*	15	292.1
16	.731	.725	*	69	.762	.744	*	16	.951	68	.831	*	16	290.6
17	.734	.724	*	70	.752	.720	*	17	.960	69	.852	*	17	291.0
18	.738	.721	*	71	.740	.717	*	18	.963	70	.872	*	18	290.7
19	.734	.719	*	72	.732	.726	*	19	.956	71	.891	*	19	290.7
20	.732	.717	*	73	.739	.733	*	20	.949	72	.905	*		
21	.743	.715	*					21	.949	73	.912	*	I	TPG
22	.738	.714	*	PRISES LAT. DROITES			*	22	.955	74	.916	*		
23	.743	.712	*					23	.948	75	.914	*	1	295.6
24	.744	.715	*	74	.730	.730	*	24	.947	76	.910	*	2	295.6
25	.747	.725	*	75	.729	.727	*	25	.946	77	.901	*	3	295.6
26	.751	.732	*	76	.729	.725	*	26	.945	78	.890	*	4	295.5
27	.755	.742	*	77	.727	.724	*	27	.947	79	.877	*	5	295.5
28	.760	.754	*	78	.732	.725	*	28	.950	80	.864	*		
29	.762	.763	*	79	.739	.717	*	29	.951	81	.854	*		
30	.763	.767	*	80	.735	.714	*	30	.953	82	.845	*		
31	.765	.765	*	81	.743	.714	*	31	.955	83	.837	*		
32	.765	.769	*	82	.745	.724	*	32	.961	84	.828	*		
33	.764	.767	*	83	.754	.741	*	33	.963	85	.821	*		
34	.763	.759	*	84	.763	.759	*	34	.965	86	.818	*		
35	.762	.754	*	85	.765	.766	*	35	.969	87	.810	*		
36	.762	.749	*	86	.764	.764	*	36	.971	88	.801	*		
37	.759	.741	*	87	.763	.755	*	37	.970	89	.792	*		
38	.758	.733	*	88	.761	.743	*	38	.964	90	.783	*		
39	.757	.726	*	89	.756	.727	*	39	.950	91	.785	*		
40	.754	.723	*	90	.750	.720	*	40	.929	92	.776	*		
41	.751	.719	*	91	.744	.718	*	41	.905	93	.768	*		
42	.751	.717	*	92	.742	.718	*	42	.880	94	.762	*		
43	.747	.715	*	93	.734	.723	*	43	.854	95	.738	*		
44	.744	.716	*	94	.733	.725	*	44	.825	96	.762	*		
45	.741	.716	*	95	.733	.726	*	45	.796	97	.867	*		
46	.741	.717	*	96	.738	.725	*	46	.768	98	.894	*		
47	.741	.719	*					47	.742	99	.970	*		
48	.740	.721	*					48	.719	100	.924	*		
49	.738	.724	*					49	.701	101	.751	*		
50	.734	.726	*					50	.696	102	.571	*		
51	.734	.726	*					51	.674	103	.434	*		
52	.735	.727	*	PRISES COL			*	52	.665			*		
53	.736	.728	*									*		
54	.735	.729	*	.800	1.182		*	REFERENCE PROFIL						
55	.736	.729	*	.842	.927		*	.728						
56	.735	.729	*	.902	.850		*	.729						
57	.736	.726	*	.953	.801		*	.728						
58	.736	.717	*	1.124	.762		*	.729						

***** FICHER AD270 NO(IT)= 4
 19/ 3/95 15H35 M=.753 PI=1.7 TI=300 I=-1.00 (RM) AD270
 DE AD269 4' ITER.

MACH DE REFERENCE= .7652 UINF= 249.959 M/S
 TIV=296.5 K PIV= 1683 MB

PR	MACH PAROIS						MACH PROFIL					T(K)	
	I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.765	.759	*	PRISES DOUBLES			1	.152	53	.699	1	292.1	
2	.763	.762	*				2	.088	54	.698	2	291.7	
3	.764	.759	*	59	.761	.759	3	.192	55	.701	3	291.5	
4	.763	.760	*	60	.769	.763	4	.299	56	.706	4	291.3	
5	.763	.764	*	61	.766	.757	5	.388	57	.714	5	291.1	
6	.761	.763	*				6	.453	58	.722	6	290.9	
7	.760	.761	*	PRISES LAT. GAUCHES			7	.500	59	.731	7	291.1	
8	.763	.761	*				8	.539	60	.742	8	291.8	
9	.765	.767	*	62	.763	.762	9	.576	61	.754	9	292.8	
10	.765	.758	*	63	.761	.765	10	.616	62	.770	10	292.4	
11	.765	.760	*	64	.764	.759	11	.655	63	.784	11	291.9	
12	.762	.761	*	65	.766	.746	12	.696	64	.799	12	291.6	
13	.765	.757	*	66	.785	.759	13	.794	65	.816	13	291.9	
14	.761	.758	*	67	.805	.799	14	.888	66	.836	14	292.4	
15	.762	.759	*	68	.803	.809	15	.946	67	.858	15	292.6	
16	.762	.758	*	69	.797	.786	16	.996	68	.882	16	291.1	
17	.765	.757	*	70	.790	.752	17	1.013	69	.908	17	291.5	
18	.769	.753	*	71	.773	.751	18	1.026	70	.934	18	291.2	
19	.765	.752	*	72	.765	.758	19	1.020	71	.960	19	291.3	
20	.764	.751	*	73	.773	.768	20	1.011	72	.980			
21	.774	.748	*				21	1.013	73	.992	I	TPG	
22	.771	.743	*	PRISES LAT. DROITES			22	1.026	74	.999			
23	.777	.741	*				23	1.018	75	.994	1	296.5	
24	.780	.748	*	74	.763	.762	24	1.015	76	.986	2	296.5	
25	.785	.762	*	75	.762	.762	25	1.013	77	.972	3	296.5	
26	.791	.772	*	76	.763	.760	26	1.012	78	.956	4	296.4	
27	.796	.782	*	77	.763	.756	27	1.015	79	.938	5	296.4	
28	.802	.795	*	78	.764	.758	28	1.018	80	.923			
29	.804	.804	*	79	.773	.750	29	1.022	81	.910			
30	.805	.810	*	80	.769	.748	30	1.029	82	.899			
31	.806	.808	*	81	.778	.744	31	1.033	83	.890			
32	.804	.815	*	82	.783	.762	32	1.041	84	.880			
33	.802	.812	*	83	.793	.779	33	1.045	85	.871			
34	.799	.805	*	84	.804	.798	34	1.050	86	.867			
35	.797	.801	*	85	.805	.809	35	1.056	87	.859			
36	.797	.794	*	86	.800	.809	36	1.064	88	.848			
37	.796	.785	*	87	.798	.801	37	1.055	89	.838			
38	.795	.773	*	88	.796	.785	38	1.032	90	.829			
39	.796	.763	*	89	.795	.764	39	1.006	91	.833			
40	.792	.758	*	90	.788	.752	40	.977	92	.822			
41	.789	.752	*	91	.778	.749	41	.948	93	.812			
42	.789	.749	*	92	.775	.752	42	.918	94	.803			
43	.784	.745	*	93	.766	.757	43	.887	95	.771			
44	.778	.745	*	94	.767	.757	44	.854	96	.802			
45	.774	.745	*	95	.766	.750	45	.824	97	.946			
46	.773	.748	*	96	.773	.750	46	.795	98	.969			
47	.774	.752	*				47	.771	99	1.048			
48	.772	.755	*				48	.751	100	.987			
49	.770	.757	*				49	.734	101	.791			
50	.766	.758	*				50	.722	102	.600			
51	.766	.757	*				51	.712	103	.461			
52	.767	.758	*	PRISES COL			52	.703					
53	.769	.761	*										
54	.769	.764	*	.837	1.205	*	REFERENCE PROFIL						
55	.770	.762	*	.875	.882	*							
56	.768	.761	*	.929	.846	*							
57	.770	.753	*	.975	.815	*							
58	.769	.731	*	1.141	.786	*							

ORIGINAL PAGE IS
OF POOR QUALITY

***** FICHER AD271 N0(IT)= 5
19/ 3/85 16H10 M=.724 PI=1.7 TI=300 I=-0.25 (RM) AD271
DE AD250 4' ITER.

MACH DE REFERENCE= .7299 UINF= 239.417 M/S
TIV=296.2 K PIV= 1634 MB

MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.733	.724	*	PRISES DOUBLES		1	.079	53	.669	1	291.7	
2	.730	.726	*			2	.166	54	.666	2	290.9	
3	.730	.724	*	59	.728	.724	3	.274	55	.668	3	291.0
4	.730	.726	*	60	.734	.728	4	.383	56	.673	4	290.9
5	.729	.729	*	61	.731	.722	5	.470	57	.678	5	290.8
6	.728	.728	*			6	.528	58	.687	6	290.8	
7	.728	.726	*	PRISES LAT. GAUCHES*		7	.569	59	.694	7	290.9	
8	.731	.726	*			8	.602	60	.705	8	291.5	
9	.733	.731	*	62	.729	.728	9	.636	61	.716	9	292.5
10	.731	.723	*	63	.730	.730	10	.671	62	.730	10	292.1
11	.730	.726	*	64	.732	.722	11	.708	63	.742	11	291.8
12	.727	.727	*	65	.735	.710	12	.748	64	.755	12	291.6
13	.730	.723	*	66	.756	.714	13	.841	65	.770	13	291.9
14	.727	.723	*	67	.769	.744	14	.935	66	.786	14	292.2
15	.728	.724	*	68	.767	.753	15	.982	67	.804	15	292.2
16	.729	.722	*	69	.764	.740	16	1.020	68	.824	16	290.9
17	.732	.720	*	70	.759	.715	17	1.028	69	.844	17	291.2
18	.737	.715	*	71	.737	.716	18	1.028	70	.862	18	291.1
19	.734	.714	*	72	.733	.722	19	1.011	71	.878	19	291.1
20	.732	.714	*	73	.737	.732	20	.995	72	.889		
21	.743	.711	*			21	.991	73	.894	I	TPG	
22	.741	.706	*	PRISES LAT. DROITES*		22	.995	74	.897			
23	.748	.702	*			23	.984	75	.892	1	296.1	
24	.751	.707	*	74	.730	.728	24	.978	76	.886	2	296.1
25	.755	.716	*	75	.729	.726	25	.976	77	.876	3	296.1
26	.759	.722	*	76	.730	.726	26	.973	78	.865	4	296.1
27	.763	.729	*	77	.729	.723	27	.972	79	.851	5	296.1
28	.766	.739	*	78	.732	.722	28	.973	80	.838		
29	.767	.746	*	79	.741	.713	29	.973	81	.827		
30	.767	.751	*	80	.738	.711	30	.974	82	.817		
31	.768	.750	*	81	.749	.705	31	.974	83	.808		
32	.767	.756	*	82	.754	.716	32	.976	84	.797		
33	.765	.756	*	83	.761	.729	33	.977	85	.788		
34	.763	.751	*	84	.767	.743	34	.977	86	.783		
35	.762	.748	*	85	.768	.751	35	.979	87	.773		
36	.762	.744	*	86	.765	.753	36	.979	88	.760		
37	.761	.737	*	87	.763	.749	37	.976	89	.749		
38	.761	.729	*	88	.763	.739	38	.966	90	.738		
39	.763	.722	*	89	.763	.723	39	.952	91	.734		
40	.760	.718	*	90	.757	.715	40	.930	92	.727		
41	.757	.714	*	91	.747	.714	41	.906	93	.720		
42	.757	.712	*	92	.739	.716	42	.879	94	.718		
43	.752	.710	*	93	.733	.721	43	.852	95	.719		
44	.745	.710	*	94	.734	.722	44	.822	96	.720		
45	.741	.711	*	95	.731	.721	45	.793	97	.733		
46	.739	.713	*	96	.736	.721	46	.766	98	.779		
47	.738	.717	*			47	.741	99	.839			
48	.737	.719	*			48	.721	100	.782			
49	.736	.720	*			49	.704	101	.635			
50	.734	.722	*			50	.690	102	.472			
51	.734	.721	*			51	.681	103	.340			
52	.733	.724	*	PRISES COL		52	.672					
53	.733	.725	*									
54	.733	.727	*	.799	1.181		REFERENCE PROFIL					
55	.733	.727	*	.842	.923		.730					
56	.732	.726	*	.901	.850		.730					
57	.733	.721	*	.951	.801		.730					
58	.733	.709	*	1.122	.761		.729					

***** FICHER AD273 NO(IT)= 4
 19/ 3/85 17H20 M=.721 PI=3.3 TI=300 I=-0.25 (RMP) AD273
 DE AD272 5' ITER.

MACH DE REFERENCE= .7271 UINF= 239.455 M/S
 TIV=298.3 K PIV= 3294 MB

T(K)		MACH PARDIS						MACH PROFIL						T(K)	
I	TP	I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	291	1	.727	.719	*	PRISES DOUBLES		1	.063	53	.652	1	294.5		
2	290	2	.721	.720	*			2	.176	54	.651	2	292.9		
3	291	3	.724	.718	*	59	.722	.716	3	.289	.654	3	293.4		
4	290	4	.730	.726	*	60	.732	.725	4	.396	.660	4	293.3		
5	290	5	.731	.731	*	61	.732	.719	5	.485	.666	5	293.2		
6	290	6	.725	.724	*				6	.540	.675	6	293.2		
7	290	7	.722	.718	*	PRISES LAT. GAUCHES		7	.580	59	.683	7	293.2		
8	291	8	.730	.722	*				8	.614	.692	8	293.3		
9	292	9	.733	.731	*	62	.726	.726	9	.645	.703	9	295.0		
10	292	10	.730	.719	*	63	.732	.728	10	.685	.719	10	294.9		
11	291	11	.728	.726	*	64	.731	.721	11	.719	.729	11	294.3		
12	291	12	.726	.730	*	65	.733	.706	12	.758	.742	12	294.1		
13	291	13	.731	.723	*	66	.752	.709	13	.850	.757	13	294.4		
14	292	14	.726	.719	*	67	.770	.737	14	.951	.774	14	294.9		
15	292	15	.726	.719	*	68	.767	.746	15	.991	.792	15	295.3		
16	290	16	.729	.720	*	69	.762	.731	16	1.037	.812	16	294.3		
17	291	17	.734	.718	*	70	.756	.709	17	1.041	.830	17	294.3		
18	291	18	.739	.716	*	71	.736	.711	18	1.039	.847	18	294.3		
19	291	19	.733	.714	*	72	.729	.716	19	1.016	.863	19	294.4		
20		20	.733	.712	*	73	.734	.730	20	.998	.873				
21		21	.737	.709	*				21	.992	.877	I	TPG		
22		22	.742	.705	*	PRISES LAT. DROITES		22	.996	74	.879				
23		23	.748	.701	*				23	.985	.875	1	298.2		
24	296.4	24	.748	.701	*	74	.726	.726	24	.979	.870	2	298.2		
25	296.4	25	.752	.708	*	75	.724	.718	25	.975	.861	3	298.2		
26	296.4	26	.755	.714	*	76	.727	.722	26	.971	.850	4	298.1		
27	296.4	27	.760	.720	*	77	.726	.720	27	.971	.836	5	298.2		
28		28	.765	.731	*	78	.733	.719	28	.971	.824				
29		29	.768	.739	*	79	.739	.713	29	.973	.814				
30		30	.768	.744	*	80	.735	.707	30	.973	.804				
31		31	.770	.743	*	81	.747	.704	31	.973	.803				
32		32	.768	.749	*	82	.751	.708	32	.975	.804				
33		33	.766	.748	*	83	.758	.720	33	.976	.805				
34		34	.764	.742	*	84	.768	.737	34	.977	.806				
35		35	.761	.740	*	85	.769	.745	35	.979	.807				
36		36	.762	.735	*	86	.765	.745	36	.981	.808				
37		37	.760	.729	*	87	.763	.741	37	.978	.809				
38		38	.761	.721	*	88	.761	.730	38	.971	.810				
39		39	.762	.714	*	89	.760	.715	39	.956	.811				
40		40	.758	.712	*	90	.754	.709	40	.935	.812				
41		41	.756	.708	*	91	.742	.712	41	.911	.813				
42		42	.755	.706	*	92	.739	.711	42	.886	.814				
43		43	.748	.706	*	93	.732	.718	43	.860	.815				
44		44	.742	.708	*	94	.730	.716	44	.830	.816				
45		45	.738	.709	*	95	.727	.707	45	.802	.817				
46		46	.737	.710	*	96	.733	.706	46	.772	.818				
47		47	.738	.713	*				47	.744	.819				
48		48	.736	.714	*				48	.720	.820				
49		49	.734	.719	*				49	.698	.821				
50		50	.731	.722	*				50	.681	.822				
51		51	.729	.717	*				51	.666	.823				
52		52	.732	.722	*	PRISES COL		52	.655	103	.824				
53		53	.731	.724	*										
54		54	.728	.726	*				REFERENCE PROFIL						
55		55	.729	.727	*		.792	1.175		.725					
56		56	.730	.729	*		.836	1.243		.729					
57		57	.732	.713	*		.897	.962		.725					
58		58	.730	.685	*		.948	.943		.726					
					*		1.123	.791							

***** FICHER AD279 N0(IT)= 4
 20/ 3/85 17H.722 PI=3.3 TI=240 I=-0.25 (RM T) AD279
 DE AD278 R.

MACH FERENCE= .7273 UINF= 214.723 M/S
 TIV=239.8 K PIV= 3292 MB

ICH PAROIS					MACH PROFIL				T(K)				
I	HAUT	I	HAUT	BAS	I	EXT	I	INT	I	TPR			
1	.729	*	PRISES DOUBLES	*	1	.060	53	.647	*	1	236.2		
2	.725	*		*	2	.181	54	.647	*	2	234.8		
3	.726	*	59	.722	.718	*	3	.294	55	.651	*	3	234.9
4	.727	*	60	.732	.725	*	4	.402	56	.657	*	4	235.4
5	.728	*	61	.731	.720	*	5	.490	57	.664	*	5	235.2
6	.729	*				*	6	.543	58	.672	*	6	235.1
7	.729	*	PRISES LAT. GAUCHES	*	7	.584	59	.681	*	7	235.1		
8	.729	*				*	8	.617	60	.690	*	8	236.2
9	.729	*	62	.725	.727	*	9	.648	61	.702	*	9	237.6
10	.729	*	63	.731	.729	*	10	.691	62	.717	*	10	236.5
11	.725	*	64	.729	.721	*	11	.722	63	.729	*	11	236.1
12	.727	*	65	.737	.706	*	12	.762	64	.740	*	12	236.1
13	.724	*	66	.752	.709	*	13	.853	65	.755	*	13	236.3
14	.729	*	67	.771	.737	*	14	.957	66	.772	*	14	236.4
15	.720	*	68	.769	.746	*	15	.994	67	.790	*	15	236.7
16	.721	*	69	.762	.731	*	16	1.034	68	.809	*	16	236.9
17	.738	*	70	.756	.710	*	17	1.046	69	.828	*	17	235.1
18	.733	*	71	.737	.710	*	18	1.042	70	.845	*	18	235.3
19	.732	*	72	.730	.719	*	19	1.019	71	.861	*	19	237.5
20	.731	*	73	.734	.731	*	20	.999	72	.872	*		
21	.738	*				*	21	.994	73	.875	*	I	TPG
22	.744	*	PRISES LAT. DROITES	*	22	1.003	74	.878	*				
23	.749	*				*	23	.986	75	.873	*	1	240.0
24	.741	*	74	.725	.726	*	24	.980	76	.868	*	2	240.4
25	.759	*	75	.725	.721	*	25	.976	77	.859	*	3	239.6
26	.755	*	76	.727	.721	*	26	.972	78	.848	*	4	239.3
27	.781	*	77	.724	.719	*	27	.972	79	.834	*	5	239.5
28	.782	*	78	.729	.719	*	28	.972	80	.823	*		
29	.789	*	79	.739	.711	*	29	.974	81	.812	*		
30	.784	*	80	.736	.708	*	30	.975	82	.803	*		
31	.742	*	81	.748	.701	*	31	.975	83	.794	*		
32	.768	*	82	.751	.709	*	32	.978	84	.784	*		
33	.747	*	83	.759	.721	*	33	.978	85	.779	*		
34	.782	*	84	.768	.737	*	34	.980	86	.774	*		
35	.789	*	85	.770	.744	*	35	.982	87	.762	*		
36	.785	*	86	.766	.745	*	36	.985	88	.747	*		
37	.789	*	87	.763	.741	*	37	.982	89	.733	*		
38	.722	*	88	.760	.730	*	38	.976	90	.721	*		
39	.745	*	89	.759	.716	*	39	.960	91	.735	*		
40	.713	*	90	.753	.710	*	40	.939	92	.714	*		
41	.708	*	91	.745	.710	*	41	.915	93	.703	*		
42	.706	*	92	.739	.710	*	42	.890	94	.699	*		
43	.705	*	93	.731	.718	*	43	.865	95	.694	*		
44	.706	*	94	.732	.718	*	44	.835	96	.704	*		
45	.707	*	95	.729	.715	*	45	.806	97	.712	*		
46	.708	*	96	.732	.715	*	46	.776	98	.758	*		
47	.711	*				*	47	.747	99	.812	*		
48	.714	*				*	48	.722	100	.755	*		
49	.719	*				*	49	.699	101	.612	*		
50	.721	*				*	50	.679	102	.451	*		
51	.719	*				*	51	.663	103	.324	*		
52	.723	*	PRISES COL	*	52	.649							
53	.724	*				*							
54	.727	*	.790	1.176	*								
55	.727	*	.836	1.139	*								
56	.728	*	.897	.886	*								
57	.718	*	.949	.816	*								
58	.701	*	1.126	.766	*								

REFERENCE PROFIL

.724
.726
.723
.724

***** FICHER AD280 NO(IT)= 4
21/ 3/85 10H 0 M=.724 PI=2.5 TI=TA I=-0.25 (RMP) AD280
DE AD272 5' ITER.

MACH DE REFERENCE= .7297 UINF= 238.256 M/S
TIV=293.4 K PIV= 2497 MB

MACH PAROIS						MACH PROFIL				T(K)			
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
			*	PRISES DOUBLES		*				*			
1	.730	.722	*			1	.067	53	.660	1	289.6		
2	.727	.724	*			2	.176	54	.659	2	288.3		
3	.729	.722	*	59	.726	.722	*	3	.298	55	.662	3	288.7
4	.733	.728	*	60	.734	.728	*	4	.396	56	.667	4	288.6
5	.733	.733	*	61	.733	.724	*	5	.483	57	.674	5	288.5
6	.729	.728	*				*	6	.539	58	.681	6	288.5
7	.726	.724	*	PRISES LAT. GAUCHES		*		7	.580	59	.689	7	288.6
8	.729	.726	*				*	8	.614	60	.699	8	289.2
9	.731	.733	*	62	.730	.728	*	9	.646	61	.710	9	290.3
10	.730	.723	*	63	.732	.730	*	10	.684	62	.725	10	289.9
11	.731	.728	*	64	.733	.723	*	11	.719	63	.736	11	289.5
12	.729	.730	*	65	.734	.707	*	12	.759	64	.748	12	289.3
13	.733	.724	*	66	.759	.712	*	13	.852	65	.764	13	289.6
14	.730	.722	*	67	.772	.742	*	14	.950	66	.781	14	290.0
15	.730	.722	*	68	.770	.750	*	15	.994	67	.800	15	290.4
16	.732	.722	*	69	.765	.735	*	16	1.056	68	.819	16	289.8
17	.735	.721	*	70	.756	.713	*	17	1.044	69	.838	17	289.6
18	.740	.717	*	71	.738	.713	*	18	1.044	70	.855	18	289.8
19	.735	.715	*	72	.731	.721	*	19	1.022	71	.871	19	290.0
20	.733	.712	*	73	.736	.733	*	20	1.003	72	.882		
21	.738	.709	*				*	21	.998	73	.887	I	TPG
22	.742	.706	*	PRISES LAT. DROITES		*		22	1.001	74	.888		
23	.748	.702	*				*	23	.990	75	.884	1	293.3
24	.753	.704	*	74	.731	.729	*	24	.985	76	.878	2	293.4
25	.758	.712	*	75	.727	.724	*	25	.980	77	.869	3	293.3
26	.761	.718	*	76	.728	.725	*	26	.977	78	.858	4	293.3
27	.764	.725	*	77	.730	.722	*	27	.977	79	.844	5	293.3
28	.768	.736	*	78	.733	.722	*	28	.977	80	.832		
29	.770	.744	*	79	.740	.714	*	29	.978	81	.821		
30	.770	.749	*	80	.735	.708	*	30	.978	82	.811		
31	.771	.748	*	81	.750	.704	*	31	.979	83	.801		
32	.770	.754	*	82	.757	.712	*	32	.981	84	.791		
33	.769	.753	*	83	.763	.725	*	33	.982	85	.785		
34	.767	.748	*	84	.770	.742	*	34	.983	86	.779		
35	.766	.746	*	85	.771	.750	*	35	.984	87	.768		
36	.765	.740	*	86	.768	.750	*	36	.985	88	.754		
37	.763	.734	*	87	.766	.746	*	37	.982	89	.741		
38	.761	.726	*	88	.764	.734	*	38	.974	90	.728		
39	.760	.719	*	89	.760	.720	*	39	.958	91	.728		
40	.757	.716	*	90	.754	.714	*	40	.936	92	.718		
41	.754	.712	*	91	.748	.714	*	41	.912	93	.712		
42	.754	.710	*	92	.739	.714	*	42	.885	94	.709		
43	.751	.709	*	93	.733	.719	*	43	.859	95	.707		
44	.747	.711	*	94	.733	.720	*	44	.829	96	.713		
45	.743	.712	*	95	.730	.716	*	45	.800	97	.719		
46	.741	.713	*	96	.735	.716	*	46	.771	98	.762		
47	.740	.715	*				*	47	.745	99	.821		
48	.736	.716	*				*	48	.721	100	.764		
49	.735	.719	*				*	49	.702	101	.620		
50	.733	.722	*				*	50	.687	102	.457		
51	.732	.721	*				*	51	.674	103	.329		
52	.734	.726	*	PRISES COL		*		52	.664				
53	.734	.727	*				*						
54	.732	.728	*	.797	1.179		*	REFERENCE PROFIL					
55	.733	.728	*	.840	1.243		*	.730					
56	.733	.728	*	.900	.902		*	.732					
57	.734	.720	*	.951	.827		*	.729					
58	.733	.702	*	1.124	.782		*	.731					

***** FICHER AD292 NO(IT)= 4
 21/ 3/85 11H45 M=.722 PI=1.7 TI=120K I=-0.25 (RM T) AD292
 DE AD276 4' ITER

MACH DE REFERENCE= .7302 UINF= 152.100 M/S
 TIV=119.4 K PIV= 1595 MB

T		MACH PAROIS					MACH PROFIL					T(K)	
I	I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
				PRISES DOUBLES									
1	1	.731	.723				1	.146	53	.652	1	116.4	
2	2	.730	.729				2	.184	54	.652	2	116.1	
3	3	.730	.724	59	.728	.723	3	.290	55	.656	3	115.7	
4	4	.729	.725	60	.734	.729	4	.398	56	.662	4	116.5	
5	5	.726	.727	61	.731	.722	5	.486	57	.668	5	115.8	
6	6	.726	.727				6	.541	58	.676	6	116.0	
7	7	.727	.725	PRISES LAT. GAUCHES			7	.581	59	.685	7	115.9	
8	8	.729	.722				8	.615	60	.695	8	116.8	
9	9	.729	.728	62	.728	.729	9	.646	61	.707	9	117.4	
10	10	.730	.722	63	.726	.731	10	.745	62	.720	10	116.6	
11	11	.728	.729	64	.733	.724	11	.720	63	.732	11	116.1	
12	12	.724	.729	65	.738	.707	12	.760	64	.746	12	116.4	
13	13	.730	.723	66	.759	.712	13	.850	65	.762	13	116.5	
14	14	.730	.722	67	.772	.741	14	.960	66	.778	14	116.6	
15	15	.729	.724	68	.770	.751	15	.996	67	.796	15	116.2	
16	16	.730	.722	69	.764	.737	16	1.040	68	.815	16	118.0	
17	17	.735	.721	70	.760	.714	17	1.046	69	.834	17	116.2	
18	18	.742	.716	71	.740	.713	18	1.045	70	.851	18	116.2	
19	19	.734	.714	72	.732	.725	19	1.025	71	.867	19	119.5	
20	20	.736	.713	73	.736	.731	20	1.004	72	.879			
I	21	.737	.710				21	1.000	73	.882	I	TPG	
	22	.742	.707	PRISES LAT. DROITES			22	1.002	74	.884			
1	23	.746	.701				23	.992	75	.880	1	119.5	
2	24	.750	.703	74	.727	.729	24	.987	76	.875	2	119.4	
3	25	.757	.710	75	.731	.725	25	.982	77	.866	3	118.6	
4	26	.761	.717	76	.728	.724	26	.979	78	.854	4	118.3	
5	27	.765	.724	77	.726	.721	27	.979	79	.841	5	118.1	
	28	.768	.735	78	.732	.722	28	.979	80	.829			
	29	.770	.741	79	.740	.714	29	.981	81	.813			
	30	.770	.747	80	.734	.709	30	.982	82	.807			
	31	.773	.745	81	.749	.704	31	.982	83	.799			
	32	.770	.752	82	.758	.710	32	.985	84	.798			
	33	.769	.751	83	.765	.724	33	.987	85	.778			
	34	.765	.746	84	.770	.741	34	.989	86	.775			
	35	.764	.744	85	.772	.747	35	.990	87	.763			
	36	.764	.739	86	.768	.749	36	.993	88	.751			
	37	.762	.733	87	.765	.745	37	.990	89	.738			
	38	.763	.726	88	.763	.735	38	.982	90	.724			
	39	.763	.719	89	.762	.720	39	.965	91	.723			
	40	.759	.717	90	.756	.713	40	.944	92	.713			
	41	.757	.712	91	.747	.712	41	.920	93	.702			
	42	.758	.710	92	.742	.715	42	.894	94	.702			
	43	.753	.708	93	.734	.723	43	.867	95	.698			
	44	.748	.709	94	.735	.723	44	.838	96	.703			
	45	.744	.710	95	.733	.728	45	.808	97	.695			
	46	.742	.712	96	.734	.726	46	.778	98	.764			
	47	.743	.716				47	.751	99	.818			
	48	.741	.719				48	.726	100	.759			
	49	.738	.724				49	.703	101	.617			
	50	.734	.725				50	.684	102	.454			
	51	.733	.725				51	.667	103	.316			
	52	.733	.725	PRISES COL			52	.654					
	53	.735	.724										
	54	.735	.726		.798	1.181		REFERENCE PROFIL					
	55	.736	.727		.843	.921		.726					
	56	.733	.728		.901	.855		.728					
	57	.734	.725		.952	.803		.726					
	58	.733	.723		1.129	.760		.727					

***** FICHER AD283 N0(IT)= 4
22/ 3/85 9H25 M=.724 PI=1.7 TI=300K I=-0.25 (RM) AD283
DE AD281 4' ITER

MACH DE REFERENCE= .7265 UINF= 236.728 M/S
TIV=292.0 K PIV= 1621 MB

MACH PAROIS						*	MACH PROFIL				*	T(K)		
I	HAUT	BAS	I	HAUT	BAS	*	I	EXT	I	INT	*	I	TPR	
1	.727	.719	*	PRISES DOUBLES		*	1	.074	53	.665	*	1	288.6	
2	.724	.721	*			*	2	.169	54	.662	*	2	287.7	
3	.724	.719	*	59	.723	.719	*	3	.279	55	.665	*	3	288.0
4	.724	.721	*	60	.731	.724	*	4	.386	56	.670	*	4	287.9
5	.723	.725	*	61	.729	.720	*	5	.473	57	.675	*	5	287.8
6	.722	.723	*				*	6	.531	58	.682	*	6	287.8
7	.723	.721	*	PRISES LAT. GAUCHES		*	7	.571	59	.690	*	7	288.0	
8	.727	.721	*				*	8	.604	60	.699	*	8	288.5
9	.729	.726	*	62	.723	.723	*	9	.637	61	.711	*	9	289.3
10	.727	.719	*	63	.725	.725	*	10	.673	62	.724	*	10	289.0
11	.725	.723	*	64	.730	.719	*	11	.709	63	.736	*	11	288.6
12	.722	.724	*	65	.732	.706	*	12	.749	64	.749	*	12	288.4
13	.725	.720	*	66	.748	.709	*	13	.842	65	.764	*	13	289.6
14	.723	.719	*	67	.766	.738	*	14	.933	66	.781	*	14	289.0
15	.726	.720	*	68	.765	.745	*	15	.980	67	.799	*	15	289.2
16	.727	.719	*	69	.760	.733	*	16	1.015	68	.818	*	16	288.9
17	.731	.717	*	70	.753	.714	*	17	1.022	69	.837	*	17	288.7
18	.734	.712	*	71	.733	.709	*	18	1.023	70	.855	*	18	288.9
19	.729	.711	*	72	.730	.721	*	19	1.005	71	.870	*	19	289.0
20	.730	.711	*	73	.734	.720	*	20	.990	72	.881	*		
21	.734	.708	*				*	21	.986	73	.885	*	I	TPG
22	.739	.703	*	PRISES LAT. DROITES		*	22	.988	74	.887	*			
23	.744	.699	*				*	23	.978	75	.882	*	1	292.1
24	.746	.703	*	74	.724	.723	*	24	.973	76	.877	*	2	292.1
25	.748	.712	*	75	.724	.720	*	25	.968	77	.867	*	3	292.0
26	.752	.718	*	76	.726	.721	*	26	.965	78	.856	*	4	292.0
27	.756	.724	*	77	.724	.718	*	27	.965	79	.843	*	5	292.0
28	.763	.734	*	78	.729	.718	*	28	.965	80	.830	*		
29	.766	.740	*	79	.735	.709	*	29	.967	81	.819	*		
30	.766	.745	*	80	.732	.708	*	30	.967	82	.809	*		
31	.770	.743	*	81	.746	.701	*	31	.967	83	.800	*		
32	.766	.749	*	82	.746	.711	*	32	.970	84	.790	*		
33	.765	.749	*	83	.755	.724	*	33	.970	85	.782	*		
34	.763	.744	*	84	.765	.739	*	34	.970	86	.777	*		
35	.761	.742	*	85	.766	.745	*	35	.971	87	.766	*		
36	.761	.738	*	86	.763	.746	*	36	.973	88	.755	*		
37	.759	.732	*	87	.761	.742	*	37	.970	89	.742	*		
38	.758	.725	*	88	.760	.732	*	38	.961	90	.732	*		
39	.758	.720	*	89	.757	.720	*	39	.945	91	.729	*		
40	.755	.717	*	90	.751	.714	*	40	.926	92	.721	*		
41	.753	.713	*	91	.742	.713	*	41	.902	93	.715	*		
42	.752	.711	*	92	.735	.710	*	42	.877	94	.713	*		
43	.746	.710	*	93	.729	.717	*	43	.849	95	.712	*		
44	.742	.710	*	94	.731	.720	*	44	.820	96	.716	*		
45	.738	.709	*	95	.727	.722	*	45	.791	97	.726	*		
46	.736	.710	*	96	.733	.722	*	46	.764	98	.770	*		
47	.735	.711	*				*	47	.739	99	.829	*		
48	.733	.713	*				*	48	.718	100	.773	*		
49	.733	.716	*				*	49	.701	101	.627	*		
50	.731	.720	*				*	50	.687	102	.465	*		
51	.730	.720	*				*	51	.677	103	.335	*		
52	.730	.721	*	PRISES COL		*	52	.669				*		
53	.730	.722	*				*					*		
54	.729	.723	*	.794	1.177	*								
55	.730	.723	*	.838	.934	*								
56	.730	.723	*	.899	.852	*								
57	.731	.720	*	.950	.801	*								
58	.732	.713	*	1.121	.760	*								

REFERENCE PROFIL
.725
.726
.726
.725

***** FICHER AD284 N0(IT)= 4
 22/ 3/85 9H50 M=.727 PI=2.9 TI=300K I=-0.25 (RMP) AD284
 DE AD280 4' ITER

MACH DE REFERENCE= .7283 UINF= 238.878 M/S
 TIV=296.0 K PIV= 2887 MB

T(K)		MACH PAROIS						MACH PROFIL						T(K)	
TPR	I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR			
	1	.728	.721	*	PRISES DOUBLES		1	.060	53	.656	1	292.3			
	2	.723	.721	*			2	.176	54	.654	2	290.8			
	3	.726	.720	*	59	.723	.718	3	.289	55	.658	3	291.1		
	4	.731	.727	*	60	.733	.726	4	.395	56	.663	4	291.0		
	5	.732	.732	*	61	.732	.721	5	.484	57	.670	5	290.9		
	6	.726	.726	*				6	.539	58	.678	6	290.9		
	7	.723	.720	*	PRISES LAT. GAUCHES		7	.579	59	.686	7	291.0			
	8	.730	.725	*			8	.613	60	.695	8	291.6			
	9	.734	.733	*	62	.727	.727	9	.645	61	.706	9	292.8		
	10	.729	.720	*	63	.732	.727	10	.685	62	.722	10	292.5		
	11	.729	.725	*	64	.731	.724	11	.718	63	.732	11	292.0		
	12	.727	.728	*	65	.737	.706	12	.758	64	.744	12	291.3		
	13	.731	.722	*	66	.757	.712	13	.851	65	.760	13	292.1		
	14	.727	.719	*	67	.768	.737	14	.950	66	.777	14	292.6		
	15	.727	.721	*	68	.769	.744	15	.992	67	.795	15	293.0		
	16	.730	.723	*	69	.766	.731	16	1.035	68	.814	16	291.6		
	17	.733	.721	*	70	.756	.712	17	1.042	69	.832	17	291.8		
	18	.737	.716	*	71	.736	.713	18	1.041	70	.849	18	291.5		
	19	.732	.713	*	72	.731	.719	19	1.018	71	.865	19	291.7		
	20	.737	.711	*	73	.737	.731	20	1.000	72	.875				
	21	.741	.708	*				21	.995	73	.879	I	TPG		
	22	.741	.704	*	PRISES LAT. DROITES		22	.999	74	.881					
	23	.746	.701	*			23	.987	75	.877	1	296.0			
	24	.750	.704	*	74	.727	.727	24	.981	76	.872	2	296.0		
	25	.757	.713	*	75	.725	.721	25	.977	77	.863	3	296.0		
	26	.759	.719	*	76	.728	.722	26	.974	78	.852	4	296.0		
	27	.762	.724	*	77	.727	.719	27	.973	79	.839	5	296.0		
	28	.765	.733	*	78	.731	.721	28	.974	80	.827				
	29	.767	.739	*	79	.739	.712	29	.975	81	.817				
	30	.767	.744	*	80	.739	.708	30	.975	82	.806				
	31	.769	.742	*	81	.747	.704	31	.975	83	.797				
	32	.769	.747	*	82	.755	.712	32	.978	84	.788				
	33	.769	.747	*	83	.761	.723	33	.979	85	.783				
	34	.768	.742	*	84	.766	.737	34	.980	86	.777				
	35	.767	.740	*	85	.767	.743	35	.982	87	.765				
	36	.767	.735	*	86	.767	.744	36	.983	88	.752				
	37	.765	.730	*	87	.768	.741	37	.980	89	.738				
	38	.763	.724	*	88	.765	.731	38	.972	90	.726				
	39	.763	.719	*	89	.762	.719	39	.957	91	.730				
	40	.758	.717	*	90	.753	.713	40	.937	92	.715				
	41	.756	.712	*	91	.742	.710	41	.912	93	.705				
	42	.754	.710	*	92	.738	.713	42	.886	94	.705				
	43	.748	.707	*	93	.734	.720	43	.860	95	.705				
	44	.742	.706	*	94	.733	.718	44	.830	96	.709				
	45	.739	.707	*	95	.727	.711	45	.801	97	.716				
	46	.736	.709	*	96	.736	.711	46	.771	98	.759				
	47	.739	.715	*				47	.744	99	.819				
	48	.737	.717	*				48	.720	100	.762				
	49	.737	.721	*				49	.700	101	.617				
	50	.736	.723	*				50	.683	102	.456				
	51	.732	.719	*				51	.669	103	.328				
	52	.733	.724	*	PRISES COL		52	.658							
	53	.732	.725	*											
	54	.729	.726	*				REFERENCE PROFIL							
	55	.731	.727	*	.795	1.177		.727							
	56	.732	.728	*	.839	1.244		.730							
	57	.734	.717	*	.898	1.062		.727							
	58	.735	.693	*	.950	.858		.728							
				*	1.124	.806									

***** FICHER AD295 N0(IT)= 4
22/ 3/85 11H10 M=.729 PI=2.5 TI=155K I=-0.25 (RMPT) AD295
DE AD292 4' ITER

MACH DE REFERENCE= .7379 UINF= 174.634 M/S
TIV=154.5 K PIV= 2484 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
PRISES DOUBLES						1	.079	53	.652	1	151.3		
1	.738	.728	*			2	.184	54	.652	2	150.4		
2	.735	.733	*			3	.299	55	.656	3	150.1		
3	.736	.730	*	59	.733	4	.404	56	.662	4	151.0		
4	.736	.734	*	60	.741	5	.495	57	.669	5	150.6		
5	.734	.736	*	61	.737	6	.546	58	.677	6	150.4		
6	.733	.734	*			7	.587	59	.686	7	150.5		
7	.733	.729	*	PRISES LAT. GAUCHES		8	.624	60	.696	8	151.4		
8	.736	.727	*			9	.653	61	.708	9	152.8		
9	.738	.735	*	62	.734	10	.680	62	.723	10	151.4		
10	.738	.728	*	63	.737	11	.731	63	.735	11	150.9		
11	.736	.737	*	64	.739	12	.770	64	.748	12	151.2		
12	.733	.738	*	65	.744	13	.863	65	.763	13	151.3		
13	.738	.731	*	66	.767	14	.950	66	.783	14	151.3		
14	.736	.729	*	67	.782	15	1.011	67	.801	15	151.0		
15	.735	.730	*	68	.785	16	1.062	68	.821	16	151.8		
16	.736	.730	*	69	.779	17	1.070	69	.840	17	150.3		
17	.741	.727	*	70	.766	18	1.073	70	.857	18	150.3		
18	.748	.722	*	71	.747	19	1.069	71	.874	19	152.7		
19	.739	.721	*	72	.738	20	1.016	72	.885				
20	.742	.719	*	73	.745	21	1.019	73	.890	I	TPG		
21	.745	.716	*			22	1.033	74	.892				
22	.754	.710	*	PRISES LAT. DROITES		23	1.013	75	.887	1	154.7		
23	.760	.706	*			24	1.007	76	.882	2	155.0		
24	.761	.709	*	74	.734	25	1.002	77	.873	3	154.5		
25	.766	.718	*	75	.736	26	.997	78	.861	4	153.5		
26	.769	.725	*	76	.737	27	.997	79	.847	5	153.4		
27	.773	.733	*	77	.734	28	.998	80	.835				
28	.777	.744	*	78	.739	29	1.001	81	.824				
29	.779	.750	*	79	.745	30	1.001	82	.813				
30	.780	.756	*	80	.743	31	1.002	83	.804				
31	.785	.753	*	81	.761	32	1.005	84	.794				
32	.784	.758	*	82	.766	33	1.007	85	.786				
33	.784	.756	*	83	.773	34	1.009	86	.784				
34	.782	.749	*	84	.778	35	1.011	87	.772				
35	.780	.746	*	85	.781	36	1.015	88	.757				
36	.780	.740	*	86	.781	37	1.011	89	.741				
37	.777	.734	*	87	.781	38	1.002	90	.729				
38	.775	.728	*	88	.777	39	.984	91	.728				
39	.773	.724	*	89	.773	40	.960	92	.726				
40	.768	.723	*	90	.763	41	.934	93	.710				
41	.765	.718	*	91	.754	42	.907	94	.707				
42	.765	.716	*	92	.748	43	.880	95	.703				
43	.761	.715	*	93	.741	44	.849	96	.709				
44	.755	.715	*	94	.740	45	.818	97	.703				
45	.751	.716	*	95	.738	46	.787	98	.767				
46	.749	.718	*	96	.742	47	.758	99	.820				
47	.749	.723	*			48	.732	100	.763				
48	.748	.724	*			49	.708	101	.615				
49	.744	.727	*			50	.686	102	.451				
50	.740	.728	*			51	.668	103	.326				
51	.739	.729	*			52	.653						
52	.739	.734	*	PRISES COL									
53	.741	.734	*										
54	.739	.735	*	.802	1.183	REFERENCE PROFIL							
55	.742	.735	*	.848	1.242	.733							
56	.740	.736	*	.906	.913	.735							
57	.742	.731	*	.956	.837	.732							
58	.742	.726	*	1.135	.790	.733							

***** FICHER AD286 N0(IT)= 4
 22/ 3/85 16H10 M=.722 PI=3.3 TI=120K I=-0.25 (RMPT) AD286
 DE AD276 4' ITER

 MACH DE REFERENCE= .7279 UINF= 151.476 M/S
 TIV=119.1 K PIV= 3272 MB

MACH PAROIS						MACH PROFIL				TCK)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.729	.720	*	PRISES DOUBLES		1	.111	53	.646	1	116.7
2	.726	.726	*			2	.177	54	.644	2	115.5
3	.726	.720	*	59	.723	3	.290	55	.649	3	115.6
4	.726	.723	*	60	.733	4	.400	56	.655	4	117.0
5	.723	.724	*	61	.729	5	.490	57	.662	5	116.6
6	.722	.722	*			6	.540	58	.670	6	116.6
7	.724	.721	*	PRISES LAT. GAUCHES		7	.581	59	.679	7	116.5
8	.727	.719	*			8	.613	60	.688	8	117.6
9	.729	.729	*	62	.724	9	.640	61	.700	9	119.5
10	.729	.721	*	63	.729	10	.680	62	.713	10	117.3
11	.725	.728	*	64	.730	11	.719	63	.726	11	117.1
12	.721	.728	*	65	.735	12	.752	64	.739	12	117.1
13	.729	.720	*	66	.755	13	.845	65	.755	13	116.9
14	.728	.718	*	67	.767	14	.952	66	.771	14	116.6
15	.726	.720	*	68	.770	15	.987	67	.789	15	116.1
16	.728	.721	*	69	.765	16	1.027	68	.809	16	117.5
17	.733	.718	*	70	.755	17	1.034	69	.828	17	116.1
18	.740	.713	*	71	.736	18	1.034	70	.845	18	116.0
19	.728	.710	*	72	.730	19	1.015	71	.860	19	117.9
20	.733	.709	*	73	.732	20	.997	72	.871		
21	.733	.707	*			21	.992	73	.875	I	TPG
22	.743	.705	*	PRISES LAT. DROITES		22	.997	74	.877		
23	.748	.701	*			23	.984	75	.872	1	118.7
24	.748	.702	*	74	.724	24	.978	76	.868	2	119.0
25	.754	.709	*	75	.727	25	.974	77	.858	3	119.3
26	.755	.716	*	76	.728	26	.970	78	.847	4	118.2
27	.760	.722	*	77	.723	27	.970	79	.835	5	118.4
28	.762	.733	*	78	.729	28	.970	80	.822		
29	.764	.739	*	79	.735	29	.972	81	.812		
30	.765	.745	*	80	.730	30	.972	82	.802		
31	.770	.743	*	81	.749	31	.972	83	.793		
32	.768	.749	*	82	.753	32	.976	84	.783		
33	.768	.748	*	83	.760	33	.977	85	.774		
34	.765	.742	*	84	.764	34	.978	86	.770		
35	.764	.739	*	85	.767	35	.981	87	.758		
36	.764	.735	*	86	.767	36	.983	88	.745		
37	.762	.729	*	87	.766	37	.981	89	.731		
38	.761	.722	*	88	.763	38	.974	90	.719		
39	.760	.716	*	89	.761	39	.960	91	.719		
40	.755	.714	*	90	.751	40	.939	92	.711		
41	.752	.708	*	91	.743	41	.915	93	.700		
42	.753	.707	*	92	.736	42	.891	94	.699		
43	.750	.705	*	93	.732	43	.865	95	.698		
44	.744	.706	*	94	.733	44	.836	96	.703		
45	.740	.707	*	95	.730	45	.807	97	.729		
46	.737	.708	*	96	.726	46	.778	98	.738		
47	.738	.713	*			47	.749	99	.822		
48	.738	.714	*			48	.723	100	.764		
49	.736	.720	*			49	.699	101	.615		
50	.733	.721	*			50	.678	102	.455		
51	.732	.721	*			51	.659	103	.318		
52	.731	.725	*	PRISES COL		52	.655				
53	.733	.724	*								
54	.732	.727	*	.788	1.175						
55	.734	.728	*	.837	.937						
56	.731	.730	*	.897	.861						
57	.730	.723	*	.949	.808						
58	.727	.719	*	1.133	.760						

REFERENCE PROFIL
 .722
 .724
 .721
 .722

***** FICHER AD289 N0(IT)= 4
25/ 3/85 15H25 M=.722 PI=2.5 TI=120K I=-0.25 (RMPT) AD289
DE AD282 4' ITER

MACH DE REFERENCE= .7313 UINF= 152.434 M/S
TIV=119.6 K PIV= 2484 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.733	.724	*	PRISES DOUBLES		1	.114	53	.650	1	116.7	
2	.731	.730	*			2	.179	54	.649	2	115.9	
3	.731	.724	*	59	.728	.723	3	.288	55	.653	3	115.8
4	.730	.725	*	60	.735	.731	4	.402	56	.650	4	116.9
5	.727	.727	*	61	.732	.724	5	.488	57	.666	5	116.4
6	.727	.727	*				6	.543	58	.673	6	116.2
7	.728	.726	*	PRISES LAT. GAUCHES		7	.581	59	.682	7	116.4	
8	.730	.723	*			8	.617	60	.692	8	117.2	
9	.730	.731	*	62	.729	.729	9	.647	61	.704	9	118.6
10	.732	.724	*	63	.731	.734	10	.680	62	.717	10	117.1
11	.729	.731	*	64	.733	.726	11	.724	63	.730	11	116.6
12	.724	.731	*	65	.739	.708	12	.762	64	.743	12	116.9
13	.731	.723	*	66	.762	.712	13	.853	65	.758	13	116.9
14	.730	.722	*	67	.776	.740	14	.960	66	.776	14	116.7
15	.728	.724	*	68	.773	.758	15	1.000	67	.794	15	116.2
16	.729	.723	*	69	.767	.735	16	1.042	68	.813	16	117.5
17	.736	.722	*	70	.762	.713	17	1.049	69	.832	17	116.4
18	.745	.717	*	71	.741	.713	18	1.051	70	.850	18	116.5
19	.735	.715	*	72	.732	.724	19	1.030	71	.865	19	118.6
20	.738	.714	*	73	.734	.734	20	1.010	72	.875		
21	.737	.711	*				21	1.005	73	.879	I	TPG
22	.744	.707	*	PRISES LAT. DROITES		22	1.008	74	.882			
23	.749	.702	*			23	.997	75	.877	1	119.2	
24	.752	.703	*	74	.729	.729	24	.990	76	.871	2	118.9
25	.760	.710	*	75	.731	.726	25	.986	77	.862	3	119.6
26	.764	.717	*	76	.730	.727	26	.982	78	.852	4	119.2
27	.769	.723	*	77	.726	.723	27	.981	79	.838	5	118.7
28	.772	.734	*	78	.733	.723	28	.982	80	.825		
29	.773	.741	*	79	.741	.715	29	.984	81	.815		
30	.773	.746	*	80	.735	.710	30	.985	82	.805		
31	.777	.745	*	81	.751	.703	31	.983	83	.796		
32	.773	.751	*	82	.760	.710	32	.987	84	.786		
33	.771	.750	*	83	.768	.723	33	.987	85	.780		
34	.768	.745	*	84	.772	.740	34	.989	86	.773		
35	.766	.742	*	85	.773	.747	35	.992	87	.762		
36	.766	.737	*	86	.770	.747	36	.994	88	.748		
37	.765	.731	*	87	.767	.744	37	.991	89	.734		
38	.765	.723	*	88	.765	.733	38	.982	90	.722		
39	.765	.718	*	89	.766	.719	39	.967	91	.720		
40	.761	.716	*	90	.759	.714	40	.945	92	.717		
41	.759	.711	*	91	.748	.715	41	.920	93	.708		
42	.759	.710	*	92	.742	.714	42	.894	94	.701		
43	.755	.710	*	93	.735	.721	43	.868	95	.695		
44	.749	.711	*	94	.735	.723	44	.838	96	.703		
45	.745	.713	*	95	.734	.723	45	.809	97	.723		
46	.743	.714	*	96	.730	.723	46	.779	98	.742		
47	.743	.716	*				47	.751	99	.815		
48	.742	.716	*				48	.726	100	.754		
49	.738	.721	*				49	.702	101	.685		
50	.734	.724	*				50	.682	102	.443		
51	.733	.724	*				51	.665	103	.310		
52	.734	.728	*	PRISES COL		52	.651					
53	.737	.729	*									
54	.736	.730	*	.793	1.179	*	REFERENCE PROFIL					
55	.738	.730	*	.840	.973	*	.726					
56	.734	.730	*	.899	.865	*	.728					
57	.733	.723	*	.950	.810	*	.726					
58	.729	.716	*	1.133	.768	*	.727					

***** FICHER AD292 N0(IT)= 4
 25/ 3/85 17H45 M=.754 PI=2.9 TI=300K I=+0.25 (RMP) AD292
 DE AD291 5' ITER

MACH DE REFERENCE= .7594 UINF= 248.638 M/S
 TIV=297.4 K PIV= 2896 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.759	.750	*	PRISES DOUBLES		1	.042	53	.685	1	293.2		
2	.753	.749	*			2	.213	54	.682	2	291.2		
3	.756	.748	*	59	.750	.744	3	.331	.685	3	290.8		
4	.761	.756	*	60	.762	.755	4	.442	.690	4	291.0		
5	.761	.759	*	61	.765	.753	5	.534	.697	5	291.2		
6	.754	.752	*			6	.586	58	.705	6	291.1		
7	.750	.746	*	PRISES LAT. GAUCHES		7	.626	59	.713	7	291.4		
8	.758	.753	*			8	.659	60	.723	8	292.2		
9	.761	.762	*	62	.757	.755	9	.690	.735	9	293.5		
10	.758	.748	*	63	.759	.757	10	.731	.760	10	293.3		
11	.759	.753	*	64	.763	.751	11	.764	.763	11	292.7		
12	.758	.757	*	65	.770	.731	12	.805	.775	12	292.7		
13	.763	.750	*	66	.799	.732	13	.904	.792	13	293.0		
14	.758	.747	*	67	.815	.763	14	1.026	.810	14	293.5		
15	.758	.749	*	68	.816	.778	15	1.061	.829	15	293.9		
16	.761	.751	*	69	.809	.764	16	1.115	.850	16	291.2		
17	.764	.748	*	70	.792	.737	17	1.141	.871	17	291.4		
18	.768	.742	*	71	.772	.741	18	1.154	.890	18	291.1		
19	.765	.740	*	72	.761	.748	19	1.159	.908	19	291.0		
20	.769	.738	*	73	.770	.764	20	1.159	.920				
21	.774	.733	*			21	1.160	73	.924	I	TPG		
22	.776	.728	*	PRISES LAT. DROITES		22	1.173	74	.925				
23	.784	.723	*			23	1.164	75	.919	1	297.4		
24	.790	.724	*	74	.758	.755	24	1.163	76	.910	2	297.4	
25	.799	.733	*	75	.752	.748	25	1.158	77	.898	3	297.4	
26	.804	.738	*	76	.757	.751	26	1.154	78	.884	4	297.3	
27	.808	.744	*	77	.758	.747	27	1.151	79	.868	5	297.3	
28	.812	.756	*	78	.762	.749	28	1.140	80	.853			
29	.814	.765	*	79	.771	.738	29	1.045	81	.840			
30	.814	.772	*	80	.771	.732	30	1.000	82	.823			
31	.817	.772	*	81	.786	.727	31	1.009	83	.815			
32	.815	.780	*	82	.798	.732	32	1.027	84	.804			
33	.814	.780	*	83	.807	.744	33	1.042	85	.797			
34	.812	.776	*	84	.813	.753	34	1.055	86	.789			
35	.810	.774	*	85	.815	.774	35	1.067	87	.775			
36	.809	.769	*	86	.813	.778	36	1.076	88	.758			
37	.805	.761	*	87	.812	.776	37	1.056	89	.741			
38	.803	.752	*	88	.808	.763	38	1.030	90	.722			
39	.802	.744	*	89	.800	.745	39	1.005	91	.721			
40	.795	.740	*	90	.790	.738	40	.977	92	.711			
41	.791	.736	*	91	.779	.739	41	.947	93	.703			
42	.790	.733	*	92	.773	.742	42	.917	94	.699			
43	.784	.732	*	93	.765	.748	43	.887	95	.694			
44	.779	.734	*	94	.764	.747	44	.855	96	.696			
45	.775	.735	*	95	.761	.743	45	.824	97	.695			
46	.773	.738	*	96	.769	.743	46	.794	98	.729			
47	.774	.743	*			47	.763	99	.777				
48	.770	.744	*			48	.745	100	.714				
49	.768	.748	*			49	.723	101	.573				
50	.765	.751	*			50	.713	102	.412				
51	.762	.748	*			51	.701	103	.283				
52	.765	.756	*	PRISES COL		52	.691						
53	.765	.758	*										
54	.762	.759	*	.823	1.199		REFERENCE PROFIL						
55	.764	.760	*	.864	1.234		.755						
56	.766	.760	*	.919	1.224		.757						
57	.767	.748	*	.967	.883		.755						
58	.767	.723	*	1.139	.837		.756						

***** FICHER AD295 N0(IT)= 4
 26/ 3/85 14H35 M=.754 PI=1.7 TI=120K I=+0.25 (RM T) AD295
 DE AD294 4' ITER

MACH DE REFERENCE= .7594 UINF= 157.630 M/S
 TIV=119.5 K PIV= 1645 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.764	.752	PRISES DOUBLES			1	.093	53	.676	1	116.4		
2	.762	.759				2	.215	54	.674	2	115.9		
3	.762	.755	59	.759	.754	3	.333	55	.678	3	115.1		
4	.759	.755	60	.767	.759	4	.445	56	.684	4	115.9		
5	.756	.757	61	.760	.751	5	.538	57	.690	5	115.5		
6	.757	.758				6	.587	58	.699	6	115.7		
7	.760	.757	PRISES LAT. GAUCHES			7	.629	59	.707	7	115.7		
8	.761	.754				8	.660	60	.718	8	116.5		
9	.761	.759	62	.759	.759	9	.690	61	.731	9	117.3		
10	.764	.752	63	.757	.762	10	.740	62	.740	10	116.5		
11	.761	.758	64	.762	.752	11	.765	63	.758	11	115.9		
12	.756	.757	65	.770	.731	12	.806	64	.772	12	116.4		
13	.762	.751	66	.799	.731	13	.903	65	.788	13	116.5		
14	.760	.751	67	.815	.765	14	1.046	66	.808	14	116.5		
15	.759	.753	68	.817	.778	15	1.059	67	.828	15	116.1		
16	.759	.752	69	.809	.763	16	1.115	68	.849	16	117.8		
17	.763	.749	70	.793	.739	17	1.141	69	.869	17	115.7		
18	.772	.741	71	.768	.737	18	1.153	70	.889	18	116.1		
19	.764	.738	72	.763	.751	19	1.156	71	.906	19	119.2		
20	.767	.739	73	.762	.761	20	1.156	72	.918				
21	.769	.734				21	1.157	73	.922	I	TPG		
22	.778	.725	PRISES LAT. DROITES			22	1.170	74	.924				
23	.785	.718				23	1.164	75	.917	1	119.5		
24	.790	.720	74	.759	.759	24	1.163	76	.909	2	119.4		
25	.797	.729	75	.763	.757	25	1.161	77	.896	3	119.2		
26	.802	.737	76	.762	.755	26	1.158	78	.883	4	119.9		
27	.807	.745	77	.758	.750	27	1.156	79	.866	5	118.2		
28	.812	.758	78	.761	.750	28	1.153	80	.851				
29	.815	.768	79	.770	.737	29	1.148	81	.837				
30	.815	.774	80	.767	.733	30	1.069	82	.825				
31	.822	.775	81	.787	.721	31	.993	83	.814				
32	.818	.782	82	.797	.729	32	1.005	84	.802				
33	.820	.781	83	.806	.745	33	1.022	85	.789				
34	.815	.774	84	.812	.763	34	1.042	86	.784				
35	.812	.771	85	.815	.774	35	1.060	87	.770				
36	.811	.767	86	.814	.775	36	1.079	88	.754				
37	.807	.759	87	.812	.772	37	1.090	89	.734				
38	.804	.751	88	.807	.761	38	1.058	90	.720				
39	.801	.744	89	.801	.745	39	1.009	91	.715				
40	.795	.741	90	.790	.738	40	.983	92	.711				
41	.792	.736	91	.778	.737	41	.954	93	.694				
42	.791	.734	92	.770	.740	42	.924	94	.689				
43	.786	.732	93	.763	.747	43	.894	95	.685				
44	.778	.733	94	.765	.750	44	.862	96	.696				
45	.773	.734	95	.761	.757	45	.831	97	.698				
46	.771	.736	96	.761	.756	46	.800	98	.724				
47	.770	.741				47	.772	99	.776				
48	.770	.743				48	.747	100	.711				
49	.767	.748				49	.725	101	.569				
50	.764	.750				50	.707	102	.488				
51	.764	.752				51	.692	103	.408				
52	.762	.754				52	.679	103	.277				
53	.764	.754	PRISES COL										
54	.763	.756	.825	1.200		REFERENCE PROFIL							
55	.765	.756	.868	.879			.758						
56	.761	.756	.922	.837			.758						
57	.760	.754	.968	.804			.757						
58	.758	.754	1.144	.759			.758						

***** FICHER AD296 N0(IT)= 4
26/ 3/85 17H20 M=.753 PI=3.0 TI=120K I=+0.25 (RMPT) AD296
DE AD295 4' ITER

MACH DE REFERENCE= .7603 UINF= 157.890 M/S
TIV=119.7 K PIV= 2982 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.763	.751	* PRISES DOUBLES			1	.155	53	.673	1	116.5
2	.759	.756	* * *			2	.215	54	.672	2	115.2
3	.759	.751	59	.754	.748	3	.333	55	.676	3	114.9
4	.759	.754	60	.765	.750	4	.447	56	.682	4	115.2
5	.755	.757	61	.764	.754	5	.537	57	.688	5	116.4
6	.753	.754	* * *			6	.587	58	.696	6	116.4
7	.755	.752	* PRISES LAT. GAUCHES			7	.627	59	.706	7	116.3
8	.760	.752	* * *			8	.660	60	.716	8	117.6
9	.762	.762	62	.756	.758	9	.691	61	.728	9	119.4
10	.762	.752	63	.759	.763	10	.760	62	.745	10	117.2
11	.758	.760	64	.765	.753	11	.767	63	.756	11	116.6
12	.754	.761	65	.772	.732	12	.801	64	.769	12	117.0
13	.762	.752	66	.802	.734	13	.901	65	.785	13	116.9
14	.760	.749	67	.820	.765	14	1.036	66	.804	14	115.6
15	.758	.751	68	.820	.776	15	1.063	67	.824	15	115.8
16	.761	.752	69	.811	.760	16	1.117	68	.844	16	117.2
17	.766	.748	70	.799	.739	17	1.144	69	.865	17	115.5
18	.775	.741	71	.770	.739	18	1.154	70	.884	18	115.7
19	.763	.739	72	.764	.752	19	1.161	71	.901	19	117.9
20	.768	.739	73	.767	.765	20	1.164	72	.913		
21	.769	.735	* * *			21	1.165	73	.917	I	TPG
22	.790	.728	* PRISES LAT. DROITES			22	1.178	74	.918		
23	.787	.722	* * *			23	1.169	75	.912	1	119.1
24	.790	.723	74	.757	.758	24	1.170	76	.904	2	118.8
25	.800	.732	75	.758	.753	25	1.167	77	.892	3	119.9
26	.804	.739	76	.761	.756	26	1.163	78	.879	4	118.8
27	.811	.746	77	.755	.750	27	1.162	79	.863	5	118.8
28	.815	.758	78	.763	.750	28	1.150	80	.848		
29	.818	.755	79	.769	.739	29	1.150	81	.836		
30	.817	.771	80	.768	.734	30	1.148	82	.824		
31	.824	.770	81	.789	.725	31	1.090	83	.813		
32	.820	.777	82	.800	.732	32	.994	84	.801		
33	.820	.776	83	.810	.746	33	1.007	85	.790		
34	.814	.770	84	.816	.765	34	1.025	86	.783		
35	.811	.767	85	.819	.774	35	1.046	87	.769		
36	.819	.762	86	.817	.774	36	1.066	88	.752		
37	.808	.756	87	.813	.771	37	1.083	89	.735		
38	.806	.749	88	.808	.759	38	1.065	90	.720		
39	.805	.744	89	.806	.745	39	1.013	91	.716		
40	.799	.739	90	.799	.730	40	.994	92	.706		
41	.796	.736	91	.789	.730	41	.955	93	.692		
42	.796	.735	92	.771	.730	42	.925	94	.691		
43	.799	.733	93	.764	.749	43	.895	95	.685		
44	.790	.733	94	.765	.750	44	.864	96	.687		
45	.775	.735	95	.764	.762	45	.830	97	.691		
46	.772	.735	96	.763	.751	46	.802	98	.712		
47	.772	.741	* * *			47	.773	99	.747		
48	.772	.743	* * *			48	.747	100	.741		
49	.775	.750	* * *			49	.724	101	.662		
50	.775	.752	* * *			50	.706	102	.488		
51	.775	.752	* * *			51	.689	103	.265		
52	.775	.752	* * *			52	.675				
PRISES COL						REFERENCE PROFIL					
53	.763	.751	817	1.195							
54	.759	.756	861	.974							
55	.759	.751	916	.869							
56	.759	.754	964	.827							
57	.755	.757	1.144	.803							

***** FICHER AD297 N0(IT)= 4
 27/ 3/85 9H30 M=.755 PI=1.7 TI=TA0K I=+0.25 (RM) AD297
 DE AD293 4' ITER

MACH DE REFERENCE= .7567 UINF= 245.643 M/S
 TIV=292.2 K PIV= 1674 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.760	.750	*	PRISES DOUBLES		1	.068	53	.695	1	288.0
2	.759	.754	*			2	.210	54	.692	2	286.7
3	.759	.751	*	59	.756	.752	3	.322	.693	3	286.7
4	.758	.751	*	60	.762	.756	4	.432	.697	4	287.0
5	.757	.754	*	61	.759	.751	5	.522	.703	5	286.8
6	.756	.754	*			6	.577	58	.710	6	286.8
7	.755	.753	*	PRISES LAT. GAUCHES		7	.617	59	.718	7	287.1
8	.757	.754	*			8	.649	60	.729	8	287.8
9	.757	.758	*	62	.757	.753	9	.682	.739	9	288.8
10	.758	.750	*	63	.754	.757	10	.757	.755	10	288.5
11	.758	.752	*	64	.759	.748	11	.755	.767	11	288.0
12	.755	.752	*	65	.767	.730	12	.796	.780	12	287.9
13	.759	.748	*	66	.790	.730	13	.895	.796	13	288.2
14	.756	.748	*	67	.811	.766	14	1.005	.815	14	288.5
15	.757	.750	*	68	.808	.777	15	1.050	.834	15	288.6
16	.757	.748	*	69	.800	.762	16	1.101	.855	16	287.6
17	.759	.746	*	70	.788	.739	17	1.126	.876	17	287.3
18	.764	.741	*	71	.769	.740	18	1.136	.896	18	287.4
19	.761	.738	*	72	.761	.748	19	1.143	.914	19	287.7
20	.764	.735	*	73	.759	.761	20	1.144	.927		
21	.768	.732	*			21	1.142	73	.931	I	TPG
22	.772	.727	*	PRISES LAT. DROITES		22	1.148	74	.933		
23	.778	.723	*			23	1.142	75	.926	1	292.2
24	.784	.724	*	74	.758	.753	24	1.137	.917	2	292.2
25	.790	.733	*	75	.757	.753	25	1.130	.905	3	292.2
26	.796	.740	*	76	.757	.752	26	1.099	.890	4	292.1
27	.801	.748	*	77	.756	.747	27	1.009	.874	5	292.1
28	.808	.761	*	78	.758	.747	28	1.008	.858		
29	.811	.770	*	79	.766	.736	29	1.020	.845		
30	.810	.776	*	80	.767	.731	30	1.032	.833		
31	.813	.775	*	81	.780	.725	31	1.041	.821		
32	.810	.782	*	82	.787	.732	32	1.052	.808		
33	.811	.781	*	83	.799	.747	33	1.055	.799		
34	.805	.775	*	84	.810	.766	34	1.053	.792		
35	.802	.772	*	85	.811	.776	35	1.045	.779		
36	.802	.767	*	86	.806	.778	36	1.047	.764		
37	.799	.760	*	87	.803	.772	37	1.033	.747		
38	.797	.753	*	88	.800	.760	38	1.015	.735		
39	.796	.746	*	89	.795	.747	39	.991	.730		
40	.792	.742	*	90	.787	.739	40	.964	.721		
41	.788	.738	*	91	.774	.736	41	.935	.713		
42	.787	.736	*	92	.770	.741	42	.905	.709		
43	.780	.733	*	93	.763	.745	43	.875	.705		
44	.773	.733	*	94	.763	.747	44	.843	.707		
45	.770	.733	*	95	.760	.760	45	.813	.708		
46	.769	.736	*	96	.758	.760	46	.786	.745		
47	.770	.741	*			47	.763	.794			
48	.769	.744	*			48	.744	100	.732		
49	.766	.745	*			49	.731	101	.589		
50	.762	.746	*			50	.720	102	.429		
51	.761	.748	*			51	.711	103	.298		
52	.761	.752	*	PRISES COL		52	.703				
53	.763	.754	*								
54	.762	.756	*	.822	1.199						
55	.762	.755	*	.863	.888				.758		
56	.758	.755	*	.918	.845				.757		
57	.758	.756	*	.966	.810				.757		
59	.753	.759	*	1.135	.776				.757		

REFERENCE PROFIL

***** FICHER AD299 N0(IT)= 4
 27/ 3/85 12H15 M=.754 PI=3 TI=155K I=+0.25 (RMPT) AD299
 DE AD298 4ITER

MACH DE REFERENCE= .7589 UINF= 179.190 M/S
 TIV=154.7 K PIV= 2983 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.761	.750	PRISES DOUBLES			1	.070	53	.668	1	150.3
2	.756	.754				2	.230	54	.666	2	149.0
3	.758	.749	59	.755	.747	3	.345	55	.671	3	148.4
4	.761	.755	60	.763	.759	4	.457	56	.678	4	149.5
5	.759	.757	61	.764	.754	5	.551	57	.684	5	149.5
6	.755	.753				6	.593	58	.692	6	149.6
7	.754	.749	PRISES LAT. GAUCHES			7	.633	59	.702	7	149.6
8	.759	.752				8	.668	60	.712	8	150.9
9	.762	.763	62	.757	.758	9	.695	61	.724	9	152.5
10	.759	.751	63	.757	.762	10	.750	62	.738	10	150.7
11	.757	.759	64	.765	.754	11	.773	63	.752	11	150.2
12	.754	.761	65	.773	.728	12	.818	64	.765	12	150.3
13	.762	.752	66	.798	.733	13	.909	65	.782	13	150.5
14	.760	.749	67	.824	.762	14	1.040	66	.800	14	150.4
15	.759	.751	68	.819	.772	15	1.067	67	.820	15	150.1
16	.762	.752	69	.808	.757	16	1.124	68	.841	16	151.5
17	.766	.749	70	.796	.737	17	1.152	69	.861	17	149.1
18	.773	.742	71	.773	.738	18	1.161	70	.880	18	149.4
19	.765	.738	72	.761	.751	19	1.164	71	.897	19	152.5
20	.771	.735	73	.767	.762	20	1.165	72	.909		
21	.771	.731				21	1.167	73	.913	I	TPG
22	.779	.727	PRISES LAT. DROITES			22	1.198	74	.914		
23	.784	.723				23	1.171	75	.907	1	154.6
24	.787	.724	74	.758	.756	24	1.171	76	.900	2	154.8
25	.796	.732	75	.758	.750	25	1.168	77	.889	3	154.0
26	.802	.738	76	.759	.755	26	1.163	78	.875	4	153.3
27	.811	.744	77	.756	.750	27	1.163	79	.860	5	152.9
28	.818	.756	78	.764	.750	28	1.160	80	.845		
29	.823	.763	79	.771	.738	29	1.158	81	.833		
30	.822	.769	80	.770	.730	30	1.122	82	.821		
31	.827	.767	81	.786	.725	31	.994	83	.810		
32	.821	.774	82	.796	.731	32	.999	84	.798		
33	.820	.773	83	.809	.743	33	1.014	85	.786		
34	.812	.766	84	.820	.762	34	1.035	86	.786		
35	.808	.764	85	.821	.770	35	1.054	87	.770		
36	.807	.759	86	.815	.770	36	1.075	88	.754		
37	.804	.752	87	.809	.766	37	1.090	89	.734		
38	.804	.745	88	.805	.755	38	1.084	90	.719		
39	.803	.740	89	.804	.743	39	1.014	91	.718		
40	.798	.739	90	.793	.737	40	.987	92	.716		
41	.795	.734	91	.778	.737	41	.959	93	.695		
42	.793	.732	92	.775	.738	42	.929	94	.691		
43	.786	.731	93	.764	.747	43	.900	95	.684		
44	.779	.732	94	.763	.749	44	.868	96	.689		
45	.773	.733	95	.763	.762	45	.836	97	.694		
46	.772	.735	96	.764	.761	46	.804	98	.722		
47	.775	.740				47	.775	99	.768		
48	.773	.742				48	.748	100	.705		
49	.768	.748				49	.724	101	.566		
50	.763	.752				50	.702	102	.407		
51	.762	.751				51	.684	103	.283		
52	.766	.758	PRISES COL			52	.670				
53	.767	.756									
54	.764	.756	.818	1.197		REFERENCE PROFIL					
55	.766	.759	.863	1.152		.755					
56	.764	.761	.918	.889		.757					
57	.765	.759	.966	.839		.754					
58	.764	.762	1.145	.803		.754					

***** FICHER AD304 N0(IT)= 4
 28/ 3/85 16H20 M=.696 PI=2.9 TI=TA I=+1.00 (RMP) AD304
 DE AD302 5'ITER

MACH DE REFERENCE= .6987 UINF= 230.508 M/S
 TIV=297.2 K PIV= 2888 MB

MACH PAROIS						MACH PROFIL						T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR			
1	.701	.690	*	PRISES DOUBLES		1	.114	53	.632	1	293.9			
2	.695	.689	*			2	.319	54	.629	2	291.9			
3	.697	.688	*	59	.693	.686	*	55	.631	3	292.4			
4	.701	.696	*	60	.702	.695	*	56	.635	4	292.4			
5	.702	.700	*	61	.704	.694	*	57	.640	5	292.4			
6	.696	.693	*					58	.647	6	292.5			
7	.693	.688	*	PRISES LAT. GAUCHES		7	.707	59	.653	7	292.7			
8	.700	.693	*			8	.731	60	.661	8	293.2			
9	.704	.702	*	62	.699	.696	*	61	.671	9	294.4			
10	.699	.689	*	63	.704	.696	*	62	.682	10	294.3			
11	.698	.693	*	64	.705	.692	*	63	.693	11	293.9			
12	.697	.697	*	65	.714	.671	*	64	.703	12	293.8			
13	.702	.690	*	66	.732	.666	*	65	.716	13	294.1			
14	.699	.688	*	67	.746	.690	*	66	.730	14	294.6			
15	.700	.690	*	68	.745	.698	*	67	.745	15	294.9			
16	.704	.693	*	69	.739	.690	*	68	.760	16	292.3			
17	.706	.690	*	70	.729	.678	*	69	.775	17	292.9			
18	.709	.683	*	71	.713	.681	*	70	.787	18	292.3			
19	.706	.680	*	72	.701	.690	*	71	.798	19	292.2			
20	.712	.676	*	73	.703	.697	*	72	.805					
21	.716	.673	*					73	.806	I	TPG			
22	.719	.670	*	PRISES LAT. DROITES		22	.996	74	.806			1	297.3	
23	.723	.664	*			23	.978	75	.800			2	297.3	
24	.726	.662	*	74	.699	.695	*	76	.794			3	297.3	
25	.731	.666	*	75	.694	.688	*	77	.785			4	297.2	
26	.734	.669	*	76	.698	.692	*	78	.775			5	297.2	
27	.738	.674	*	77	.698	.687	*	79	.762					
28	.743	.684	*	78	.705	.691	*	80	.750					
29	.746	.691	*	79	.711	.679	*	81	.739					
30	.745	.696	*	80	.715	.672	*	82	.729					
31	.747	.695	*	81	.724	.667	*	83	.719					
32	.745	.700	*	82	.731	.665	*	84	.707					
33	.748	.700	*	83	.737	.674	*	85	.700					
34	.741	.696	*	84	.744	.690	*	86	.691					
35	.740	.695	*	85	.746	.698	*	87	.677					
36	.740	.692	*	86	.743	.698	*	88	.660					
37	.737	.688	*	87	.741	.696	*	89	.640					
38	.736	.683	*	88	.739	.689	*	90	.622					
39	.736	.680	*	89	.736	.681	*	91	.616					
40	.732	.679	*	90	.728	.679	*	92	.605					
41	.729	.677	*	91	.716	.681	*	93	.595					
42	.728	.676	*	92	.715	.682	*	94	.587					
43	.721	.675	*	93	.706	.688	*	95	.577					
44	.716	.677	*	94	.703	.689	*	96	.579					
45	.713	.678	*	95	.700	.706	*	97	.566					
46	.712	.680	*	96	.703	.704	*	98	.570					
47	.715	.683	*					99	.583					
48	.712	.684	*					100	.525					
49	.709	.688	*					101	.407					
50	.705	.692	*					102	.368					
51	.701	.690	*					103	.145					
52	.705	.696	*	PRISES COL		52	.638							
53	.704	.693	*											
54	.701	.692	*	.754	1.149	*	REFERENCE PROFIL							
55	.702	.696	*	.804	1.257	*	.696							
56	.703	.700	*	.871	.944	*	.699							
57	.703	.701	*	.927	.822	*	.696							
58	.700	.710	*	1.103	.768	*	.697							

***** FICHER AD305 N0(IT)= 4
28/ 3/85 16H55 M=.755 PI=2.9 TI=TA I=+1.00 (RMP) AD305
DE AD303 4'ITER

MACH DE REFERENCE= .7597 UINF= 249.382 M/S
TIV=297.3 K PIV= 2893 MB

MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.762	.748	*	PRISES DOUBLES		1	.091	53	.679	1	293.3	
2	.757	.749	*			2	.290	54	.677	2	291.0	
3	.759	.748	*	59	.755	.746	3	.407	55	.679	3	290.4
4	.761	.755	*	60	.764	.755	4	.520	56	.684	4	290.0
5	.760	.759	*	61	.764	.751	5	.614	57	.690	5	290.1
6	.756	.753	*			6	.663	58	.698	6	291.2	
7	.755	.748	*	PRISES LAT. GAUCHES		7	.696	59	.707	7	291.6	
8	.761	.751	*			8	.724	60	.716	8	292.2	
9	.764	.759	*	62	.758	.755	9	.752	61	.727	9	293.7
10	.760	.748	*	63	.761	.756	10	.789	62	.740	10	293.6
11	.758	.754	*	64	.765	.747	11	.822	63	.753	11	293.1
12	.755	.757	*	65	.775	.727	12	.861	64	.766	12	292.9
13	.760	.750	*	66	.806	.719	13	.954	65	.781	13	293.3
14	.758	.748	*	67	.831	.752	14	1.030	66	.798	14	293.9
15	.759	.748	*	68	.828	.765	15	1.104	67	.817	15	294.1
16	.762	.748	*	69	.816	.752	16	1.163	68	.836	16	290.9
17	.766	.744	*	70	.800	.734	17	1.196	69	.855	17	290.8
18	.770	.737	*	71	.773	.736	18	1.209	70	.872	18	290.7
19	.765	.736	*	72	.761	.748	19	1.221	71	.887	19	290.9
20	.771	.734	*	73	.760	.759	20	1.227	72	.897		
21	.777	.729	*			21	1.230	73	.899	I	TPG	
22	.783	.718	*	PRISES LAT. DROITES		22	1.247	74	.898			
23	.792	.710	*			23	1.237	75	.891	1	297.3	
24	.797	.710	*	74	.759	.755	24	1.238	76	.882	2	297.4
25	.806	.718	*	75	.756	.749	25	1.238	77	.870	3	297.3
26	.813	.724	*	76	.759	.750	26	1.237	78	.855	4	297.3
27	.820	.731	*	77	.756	.747	27	1.239	79	.839	5	297.3
28	.827	.744	*	78	.765	.746	28	1.240	80	.824		
29	.832	.754	*	79	.771	.735	29	1.242	81	.811		
30	.831	.761	*	80	.776	.728	30	1.243	82	.798		
31	.834	.760	*	81	.795	.713	31	1.246	83	.786		
32	.831	.767	*	82	.805	.718	32	1.254	84	.773		
33	.833	.767	*	83	.818	.731	33	1.257	85	.763		
34	.823	.762	*	84	.829	.752	34	1.103	86	.754		
35	.819	.760	*	85	.831	.762	35	1.000	87	.738		
36	.817	.756	*	86	.825	.765	36	.977	88	.718		
37	.813	.749	*	87	.820	.761	37	.972	89	.697		
38	.811	.743	*	88	.815	.751	38	.970	90	.677		
39	.809	.737	*	89	.809	.739	39	.963	91	.671		
40	.804	.735	*	90	.798	.734	40	.949	92	.661		
41	.800	.731	*	91	.788	.735	41	.928	93	.650		
42	.798	.729	*	92	.775	.737	42	.904	94	.643		
43	.790	.728	*	93	.765	.745	43	.879	95	.633		
44	.782	.730	*	94	.764	.747	44	.851	96	.635		
45	.778	.731	*	95	.763	.764	45	.823	97	.625		
46	.775	.733	*	96	.759	.763	46	.795	98	.636		
47	.775	.738	*			47	.769	99	.660			
48	.772	.740	*			48	.747	100	.599			
49	.768	.745	*			49	.727	101	.470			
50	.763	.749	*			50	.711	102	.321			
51	.762	.748	*			51	.697	103	.192			
52	.765	.754	*	PRISES COL		52	.696					
53	.767	.752	*									
54	.765	.753	*	.819	1.198		REFERENCE PROFIL					
55	.765	.755	*	.862	1.237		.756					
56	.763	.758	*	.918	.918		.758					
57	.760	.759	*	.965	.851		.756					
58	.751	.764	*	1.138	.810		.757					

***** FICHER AD306 NO(IT)= 4
 29/ 3/85 9H40 M=.758 PI=2.4 TI=TA I=+1.00 (RMP) AD306
 DE AD305 4'ITER

MACH DE REFERENCE= .7645 UINF= 248.919 M/S
 TIV=294.5 K PIV= 2402 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.768	.753	*	PRISES DOUBLES		1	.087	53	.691	1	290.1	
2	.765	.756	*			2	.284	54	.688	2	288.2	
3	.766	.756	*	59	.762	.753	3	.399	.690	3	287.5	
4	.766	.761	*	60	.769	.759	4	.513	.695	4	287.2	
5	.765	.765	*	61	.769	.756	5	.605	.700	5	287.1	
6	.762	.761	*			6	.655	58	.708	6	287.7	
7	.762	.755	*	PRISES LAT. GAUCHES		7	.689	59	.716	7	288.7	
8	.766	.753	*			8	.718	60	.725	8	289.3	
9	.768	.762	*	62	.764	.762	9	.747	.736	9	290.7	
10	.766	.752	*	63	.766	.760	10	.783	.750	10	290.4	
11	.763	.758	*	64	.769	.753	11	.816	.763	11	290.0	
12	.759	.760	*	65	.780	.729	12	.856	.776	12	289.9	
13	.764	.754	*	66	.808	.727	13	.951	.791	13	290.3	
14	.762	.753	*	67	.835	.759	14	1.020	.808	14	290.8	
15	.764	.753	*	68	.837	.773	15	1.095	.828	15	291.1	
16	.766	.753	*	69	.826	.761	16	1.161	.848	16	288.6	
17	.770	.750	*	70	.808	.740	17	1.193	.868	17	288.0	
18	.775	.745	*	71	.779	.743	18	1.209	.886	18	288.3	
19	.772	.741	*	72	.768	.755	19	1.220	.902	19	288.7	
20	.775	.736	*	73	.767	.766	20	1.225	.912			
21	.780	.730	*			21	1.229	73	.915	I	TPG	
22	.790	.724	*	PRISES LAT. DROITES		22	1.244	74	.914			
23	.798	.719	*			23	1.237	75	.906	1	294.6	
24	.802	.719	*	74	.765	.762	24	1.238	76	.897	2	294.6
25	.808	.727	*	75	.764	.757	25	1.238	77	.884	3	294.6
26	.814	.733	*	76	.764	.755	26	1.239	78	.870	4	294.5
27	.821	.740	*	77	.761	.752	27	1.240	79	.852	5	294.5
28	.829	.752	*	78	.769	.751	28	1.243	80	.837		
29	.834	.762	*	79	.777	.740	29	1.246	81	.823		
30	.835	.768	*	80	.780	.730	30	1.249	82	.809		
31	.839	.768	*	81	.801	.721	31	1.253	83	.796		
32	.838	.777	*	82	.808	.728	32	1.260	84	.784		
33	.841	.775	*	83	.828	.740	33	1.267	85	.773		
34	.833	.770	*	84	.832	.758	34	1.272	86	.763		
35	.830	.768	*	85	.837	.771	35	1.144	87	.748		
36	.828	.764	*	86	.834	.773	36	1.014	88	.729		
37	.823	.757	*	87	.830	.770	37	.980	89	.708		
38	.820	.750	*	88	.825	.759	38	.965	90	.689		
39	.818	.744	*	89	.818	.745	39	.953	91	.682		
40	.812	.741	*	90	.806	.741	40	.938	92	.672		
41	.808	.738	*	91	.789	.743	41	.928	93	.662		
42	.805	.736	*	92	.781	.744	42	.897	94	.655		
43	.797	.737	*	93	.771	.751	43	.873	95	.646		
44	.789	.739	*	94	.771	.754	44	.847	96	.647		
45	.784	.740	*	95	.770	.769	45	.821	97	.638		
46	.781	.742	*	96	.766	.769	46	.796	98	.653		
47	.781	.745	*			47	.773	99	.679			
48	.777	.746	*			48	.754	100	.618			
49	.774	.750	*			49	.737	101	.486			
50	.769	.754	*			50	.723	102	.337			
51	.768	.755	*			51	.710	103	.209			
52	.771	.758	*	PRISES COL		52	.701					
53	.773	.758	*									
54	.772	.759	*	.827	1.203		REFERENCE PROFIL					
55	.772	.762	*	.869	1.233		.763					
56	.770	.764	*	.924	.918		.764					
57	.767	.765	*	.970	.855		.762					
58	.759	.770	*	1.140	.819		.763					

***** FICHER AD307 N0(1T)= 4
29/ 3/85 10H35 M=.696 PI=2.4 TI=TA I=+1.00 (RMP) AD307
DE AD304 4'ITER

MACH DE REFERENCE= .7020 UINF= 230.893 M/S
TIV=295.6 K PIV= 2398 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
						1	.116	53	.640	1	292.2	
1	.704	.692	*	PRISES DOUBLES			2	.317	.636	2	290.2	
2	.700	.693	*			3	.431	.55	.638	3	290.7	
3	.701	.693	*	59	.699	.692	4	.541	.56	.642	4	290.8
4	.703	.699	*	60	.708	.698	5	.630	.57	.647	5	290.9
5	.703	.703	*	61	.707	.696	6	.676	.58	.653	6	291.0
6	.699	.699	*				7	.706	.59	.660	7	291.1
7	.699	.693	*	PRISES LAT. GAUCHES*			8	.730	.60	.668	8	291.6
8	.704	.695	*				9	.756	.61	.677	9	292.7
9	.707	.701	*	62	.701	.700	10	.788	.62	.688	10	292.6
10	.705	.692	*	63	.709	.700	11	.819	.63	.699	11	292.2
11	.703	.698	*	64	.708	.694	12	.856	.64	.709	12	292.2
12	.701	.701	*	65	.715	.674	13	.944	.65	.722	13	292.4
13	.705	.695	*	66	.733	.669	14	1.010	.66	.736	14	292.9
14	.702	.694	*	67	.749	.694	15	1.081	.67	.752	15	293.1
15	.702	.694	*	68	.748	.702	16	1.128	.68	.767	16	290.9
16	.704	.694	*	69	.742	.694	17	1.142	.69	.781	17	291.2
17	.709	.692	*	70	.732	.682	18	1.139	.70	.794	18	291.0
18	.715	.688	*	71	.715	.685	19	1.115	.71	.805	19	291.1
19	.711	.685	*	72	.705	.694	20	.996	.72	.812		
20	.713	.681	*	73	.707	.702	21	.996	.73	.813	I	TPG
21	.716	.676	*				22	.998	.74	.813		
22	.724	.670	*	PRISES LAT. DROITES*			23	.984	.75	.807	1	295.7
23	.730	.664	*				24	.975	.76	.801	2	295.8
24	.730	.664	*	74	.701	.699	25	.968	.77	.792	3	295.7
25	.734	.670	*	75	.708	.694	26	.961	.78	.781	4	295.7
26	.736	.674	*	76	.703	.694	27	.958	.79	.768	5	295.7
27	.740	.680	*	77	.702	.693	28	.956	.80	.756		
28	.745	.689	*	78	.708	.693	29	.955	.81	.745		
29	.748	.696	*	79	.716	.694	30	.952	.82	.734		
30	.748	.701	*	80	.716	.675	31	.949	.83	.724		
31	.750	.700	*	81	.731	.666	32	.949	.84	.712		
32	.749	.706	*	82	.733	.670	33	.947	.85	.704		
33	.751	.705	*	83	.739	.679	34	.945	.86	.695		
34	.745	.702	*	84	.747	.694	35	.944	.87	.682		
35	.743	.700	*	85	.750	.701	36	.943	.88	.664		
36	.742	.697	*	86	.746	.702	37	.938	.89	.644		
37	.740	.693	*	87	.744	.701	38	.938	.90	.628		
38	.738	.688	*	88	.741	.694	39	.930	.91	.620		
39	.738	.685	*	89	.737	.685	40	.895	.92	.610		
40	.734	.683	*	90	.731	.683	41	.874	.93	.599		
41	.732	.681	*	91	.723	.684	42	.858	.94	.592		
42	.731	.680	*	92	.716	.685	43	.825	.95	.582		
43	.727	.680	*	93	.709	.692	44	.798	.96	.584		
44	.722	.681	*	94	.708	.693	45	.770	.97	.571		
45	.720	.682	*	95	.705	.707	46	.742	.98	.575		
46	.717	.683	*	96	.706	.706	47	.718	.99	.588		
47	.717	.686	*				48	.697	100	.531		
48	.714	.687	*				49	.680	101	.412		
49	.711	.691	*				50	.666	102	.273		
50	.707	.694	*				51	.655	103	.152		
51	.705	.694	*				52	.646				
52	.707	.698	*	PRISES COL								
53	.708	.697	*				REFERENCE PROFIL					
54	.705	.697	*	.760	1.154		.702					
55	.706	.699	*	.810	.905		.703					
56	.706	.702	*	.876	.833		.701					
57	.705	.703	*	.931	.776		.702					
58	.704	.709	*	1.105	.728							

***** FICHER AD308 N0(IT)= 4
 29/ 3/85 11H20 M=.694 PI=2. TI=155K I=+1.00 (RMP) AD308
 DE AD304 4'ITER

MACH DE REFERENCE= .7012 UINF= 166.615 M/S
 TIV=154.3 K PIV= 1995 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.704	.692	*	PRISES DOUBLES		1	.119	53	.627	1	151.1		
2	.703	.696	*			2	.321	54	.625	2	150.0		
3	.702	.692	*	59	.700	.692	3	.440	55	.627	3	150.2	
4	.702	.694	*	60	.705	.700	4	.551	56	.632	4	151.2	
5	.700	.697	*	61	.704	.695	5	.641	57	.637	5	150.8	
6	.699	.696	*			6	.680	58	.645	6	150.8		
7	.700	.695	*	PRISES LAT. GAUCHES		7	.709	59	.651	7	150.8		
8	.701	.694	*			8	.735	60	.660	8	151.7		
9	.702	.701	*	62	.701	.698	9	.758	61	.670	9	152.6	
10	.703	.694	*	63	.703	.702	10	.797	62	.681	10	151.6	
11	.700	.700	*	64	.707	.692	11	.823	63	.693	11	151.3	
12	.698	.700	*	65	.716	.674	12	.860	64	.703	12	151.5	
13	.704	.694	*	66	.738	.668	13	.945	65	.716	13	151.7	
14	.703	.692	*	67	.749	.691	14	1.010	66	.730	14	151.7	
15	.703	.693	*	68	.747	.700	15	1.081	67	.745	15	151.4	
16	.705	.692	*	69	.741	.691	16	1.133	68	.761	16	152.6	
17	.708	.689	*	70	.735	.680	17	1.145	69	.775	17	150.5	
18	.715	.683	*	71	.713	.683	18	1.146	70	.788	18	150.6	
19	.709	.681	*	72	.705	.693	19	1.135	71	.799	19	154.1	
20	.713	.680	*	73	.705	.702	20	1.005	72	.805			
21	.714	.678	*			21	.985	73	.807	I	TPG		
22	.722	.672	*	PRISES LAT. DROITES		22	.997	74	.806				
23	.728	.665	*			23	.982	75	.800	1	154.2		
24	.731	.663	*	74	.701	.697	24	.976	76	.795	2	154.4	
25	.737	.666	*	75	.702	.695	25	.968	77	.786	3	153.7	
26	.740	.670	*	76	.701	.696	26	.961	78	.775	4	153.4	
27	.743	.675	*	77	.700	.692	27	.959	79	.762	5	153.3	
28	.746	.685	*	78	.706	.690	28	.957	80	.750			
29	.747	.692	*	79	.713	.679	29	.956	81	.739			
30	.746	.696	*	80	.713	.677	30	.954	82	.728			
31	.749	.696	*	81	.729	.687	31	.951	83	.718			
32	.747	.702	*	82	.738	.686	32	.953	84	.707			
33	.749	.700	*	83	.742	.676	33	.951	85	.697			
34	.742	.697	*	84	.746	.692	34	.950	86	.692			
35	.740	.696	*	85	.747	.699	35	.949	87	.677			
36	.741	.694	*	86	.744	.699	36	.949	88	.659			
37	.739	.689	*	87	.742	.698	37	.945	89	.639			
38	.739	.686	*	88	.740	.691	38	.936	90	.621			
39	.739	.683	*	89	.739	.683	39	.923	91	.617			
40	.735	.682	*	90	.732	.680	40	.904	92	.606			
41	.733	.679	*	91	.723	.680	41	.882	93	.595			
42	.733	.678	*	92	.715	.684	42	.859	94	.587			
43	.729	.677	*	93	.707	.689	43	.835	95	.577			
44	.723	.677	*	94	.707	.692	44	.807	96	.578			
45	.719	.678	*	95	.703	.701	45	.779	97	.588			
46	.716	.680	*	96	.704	.701	46	.750	98	.569			
47	.715	.685	*			47	.723	99	.582				
48	.714	.687	*			48	.699	100	.525				
49	.711	.690	*			49	.677	101	.410				
50	.707	.692	*			50	.658	102	.269				
51	.706	.694	*			51	.643	103	.148				
52	.705	.698	*	PRISES COL		52	.630						
53	.706	.697	*										
54	.705	.697	*	.760	1.153		REFERENCE PROFIL						
55	.706	.699	*	.811	.864		.699						
56	.704	.700	*	.876	.811		.699						
57	.703	.699	*	.931	.758		.698						
58	.701	.703	*	1.110	.711		.698						

***** FICHER AD309 N0(IT)= 4
29/ 3/85 12H 5 M=.754 PI=2. TI=155K I=+1.00 (RMPT) AD309
DE AD308 4'ITER

MACH DE REFERENCE= .7603 UINF= 179.440 M/S
TIV=154.6 K PIV= 2002 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.767	.753	*	PRISES DOUBLES		1	.089	53	.672	1	151.1
2	.766	.760	*			2	.285	54	.670	2	149.9
3	.765	.755	*	59	.762 .753	3	.412	55	.674	3	149.1
4	.761	.755	*	60	.768 .760	4	.520	56	.679	4	149.6
5	.758	.757	*	61	.767 .753	5	.613	57	.686	5	149.3
6	.759	.757	*			6	.657	58	.693	6	149.2
7	.761	.756	*	PRISES LAT. GAUCHES*		7	.691	59	.702	7	150.0
8	.761	.752	*			8	.719	60	.713	8	151.3
9	.761	.759	*	62	.763 .760	9	.745	61	.725	9	152.1
10	.765	.753	*	63	.761 .762	10	.787	62	.738	10	151.3
11	.762	.759	*	64	.766 .750	11	.817	63	.751	11	150.9
12	.758	.758	*	65	.777 .726	12	.856	64	.764	12	151.0
13	.765	.752	*	66	.810 .723	13	.948	65	.781	13	151.3
14	.764	.751	*	67	.831 .754	14	1.020	66	.799	14	151.4
15	.764	.752	*	68	.829 .769	15	1.102	67	.818	15	151.1
16	.764	.749	*	69	.818 .757	16	1.156	68	.838	16	152.0
17	.767	.747	*	70	.802 .738	17	1.195	69	.857	17	149.3
18	.774	.740	*	71	.776 .739	18	1.202	70	.875	18	149.6
19	.768	.737	*	72	.767 .753	19	1.213	71	.890	19	153.9
20	.773	.735	*	73	.761 .764	20	1.221	72	.900		
21	.775	.730	*			21	1.224	73	.902	I	TPG
22	.785	.722	*	PRISES LAT. DROITES*		22	1.246	74	.902		
23	.794	.715	*			23	1.234	75	.895	1	154.8
24	.800	.715	*	74	.762 .760	24	1.234	76	.896	2	154.9
25	.810	.723	*	75	.764 .756	25	1.235	77	.874	3	154.3
26	.816	.728	*	76	.763 .756	26	1.235	78	.859	4	153.8
27	.824	.734	*	77	.761 .751	27	1.236	79	.843	5	153.4
28	.829	.747	*	78	.766 .749	28	1.238	80	.827		
29	.832	.754	*	79	.774 .736	29	1.241	81	.814		
30	.831	.761	*	80	.775 .729	30	1.242	82	.801		
31	.835	.761	*	81	.795 .717	31	1.245	83	.788		
32	.833	.770	*	82	.810 .722	32	1.254	84	.776		
33	.836	.768	*	83	.821 .734	33	1.260	85	.762		
34	.826	.765	*	84	.830 .753	34	1.267	86	.758		
35	.822	.760	*	85	.831 .762	35	1.173	87	.742		
36	.820	.757	*	86	.828 .763	36	1.007	88	.723		
37	.816	.750	*	87	.822 .761	37	.971	89	.701		
38	.814	.744	*	88	.817 .752	38	.961	90	.682		
39	.812	.738	*	89	.813 .741	39	.959	91	.676		
40	.807	.736	*	90	.800 .734	40	.943	92	.671		
41	.802	.731	*	91	.783 .735	41	.927	93	.657		
42	.800	.731	*	92	.778 .740	42	.906	94	.656		
43	.792	.730	*	93	.768 .747	43	.883	95	.640		
44	.782	.732	*	94	.770 .752	44	.856	96	.643		
45	.778	.733	*	95	.768 .762	45	.828	97	.642		
46	.776	.736	*	96	.759 .759	46	.800	98	.645		
47	.777	.741	*			47	.774	99	.674		
48	.776	.744	*			48	.749	100	.615		
49	.772	.748	*			49	.727	101	.483		
50	.767	.750	*			50	.707	102	.331		
51	.768	.753	*			51	.690	103	.206		
52	.768	.756	*	PRISES COL		52	.677				
53	.771	.757	*								
54	.770	.759	*	.828	1.168						REFERENCE PROFIL
55	.770	.759	*	.870	.864				.758		
56	.764	.760	*	.923	.829				.760		
57	.760	.758	*	.969	.803				.758		
58	.752	.760	*	1.145	.765				.759		

***** FICHER AD310 NO(IT)= 4
 29/ 3/85 14H60 M=.694 PI=2.5 TI=120K I=+1.00 (RMPT) AD310
 DE AD308 4'ITER

 MACH DE REFERENCE= .7033 UINF= 147.108 M/S
 TIV=119.6 K PIV= 2496 MB

MACH PAROIS			MACH PROFIL				T(K)				
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.707	.694	PRISES DOUBLES			1	.171	53	.630	1	116.9
2	.704	.700				2	.315	54	.628	2	115.5
3	.705	.696	59	.699	.694	3	.431	55	.631	3	116.0
4	.705	.699	60	.708	.701	4	.541	56	.636	4	117.5
5	.702	.701	61	.708	.696	5	.633	57	.641	5	116.8
6	.700	.699				6	.674	58	.648	6	117.1
7	.700	.697	PRISES LAT. GAUCHES			7	.705	59	.655	7	116.9
8	.702	.695				8	.730	60	.663	8	119.0
9	.704	.703	62	.703	.702	9	.747	61	.674	9	119.5
10	.706	.695	63	.706	.704	10	.800	62	.684	10	117.7
11	.705	.702	64	.707	.697	11	.919	63	.696	11	117.3
12	.702	.703	65	.718	.675	12	.853	64	.706	12	117.5
13	.708	.695	66	.740	.670	13	.939	65	.719	13	117.4
14	.707	.693	67	.751	.695	14	1.010	66	.733	14	117.3
15	.704	.696	68	.748	.704	15	1.087	67	.748	15	116.9
16	.704	.696	69	.742	.695	16	1.124	68	.763	16	118.1
17	.709	.694	70	.737	.683	17	1.136	69	.773	17	116.5
18	.719	.687	71	.715	.685	18	1.142	70	.790	18	116.7
19	.711	.694	72	.708	.693	19	1.131	71	.801	19	119.0
20	.715	.682	73	.705	.704	20	1.005	72	.808		
21	.715	.679				21	.990	73	.809	I	TPG
22	.724	.674	PRISES LAT. DROITES			22	.993	74	.808		
23	.729	.667				23	.983	75	.802	1	119.1
24	.731	.665	74	.703	.702	24	.976	76	.797	2	119.0
25	.739	.669	75	.702	.697	25	.969	77	.788	3	119.3
26	.741	.673	76	.704	.698	26	.962	78	.777	4	119.2
27	.745	.678	77	.703	.694	27	.960	79	.764	5	118.8
28	.748	.688	78	.706	.695	28	.957	80	.753		
29	.749	.695	79	.715	.683	29	.956	81	.741		
30	.748	.700	80	.714	.677	30	.954	82	.731		
31	.751	.700	81	.730	.669	31	.952	83	.720		
32	.749	.706	82	.739	.668	32	.952	84	.709		
33	.752	.705	83	.744	.678	33	.951	85	.699		
34	.744	.700	84	.747	.695	34	.950	86	.689		
35	.742	.699	85	.749	.702	35	.949	87	.676		
36	.742	.696	86	.746	.702	36	.948	88	.660		
37	.741	.692	87	.743	.701	37	.944	89	.640		
38	.741	.688	88	.740	.694	38	.936	90	.624		
39	.741	.685	89	.741	.686	39	.922	91	.619		
40	.737	.685	90	.734	.683	40	.904	92	.615		
41	.735	.681	91	.724	.683	41	.892	93	.600		
42	.735	.680	92	.715	.685	42	.859	94	.591		
43	.731	.678	93	.709	.691	43	.834	95	.581		
44	.724	.679	94	.709	.692	44	.807	96	.582		
45	.720	.681	95	.707	.705	45	.779	97	.594		
46	.717	.682	96	.702	.703	46	.751	98	.574		
47	.717	.688				47	.725	99	.593		
48	.716	.689				48	.701	100	.533		
49	.713	.693				49	.679	101	.488		
50	.711	.694				50	.661	102	.271		
51	.709	.694				51	.646	103	.148		
52	.709	.700	PRISES COL			52	.633				
53	.710	.698									
54	.709	.700	.761	1.152		REFERENCE PROFIL					
55	.710	.702	.811	.905		.700					
56	.707	.705	.876	.837		.701					
57	.704	.702	.931	.779		.699					
58	.701	.705	1.114	.733		.700					

***** FICHER AD312 NO(IT)= 5
 1/ 4/85 14H40 M=.754 PI=1.7 TI=TA I=-2.00 (RM) AD312
 DE AD253 4'ITER

MACH DE REFERENCE= .7625 UINF= 248.437 M/S
 TIV=294.9 K PIV= 1689 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.762	.760	*	PRISES DOUBLES		1	.239	53	.691	1	288.6	
2	.759	.762	*			2	.046	54	.693	2	290.3	
3	.759	.759	*	59	.758	.758	3	.098	55	.699	3	290.5
4	.760	.760	*	60	.766	.762	4	.206	56	.705	4	290.3
5	.759	.762	*	61	.762	.756	5	.294	57	.713	5	290.1
6	.759	.762	*				6	.364	58	.722	6	289.9
7	.758	.759	*	PRISES LAT. GAUCHES		7	.415	59	.731	7	289.9	
8	.762	.759	*			8	.458	60	.742	8	290.4	
9	.763	.764	*	62	.759	.762	9	.497	61	.755	9	291.5
10	.762	.756	*	63	.758	.763	10	.539	62	.770	10	291.0
11	.761	.760	*	64	.760	.759	11	.576	63	.785	11	290.3
12	.757	.761	*	65	.757	.750	12	.620	64	.801	12	289.3
13	.761	.757	*	66	.774	.771	13	.719	65	.818	13	290.1
14	.757	.758	*	67	.790	.815	14	.805	66	.838	14	290.3
15	.759	.760	*	68	.790	.819	15	.860	67	.862	15	290.0
16	.759	.759	*	69	.788	.792	16	.905	68	.885	16	291.4
17	.760	.756	*	70	.782	.756	17	.926	69	.913	17	291.1
18	.763	.749	*	71	.766	.748	18	.939	70	.941	18	291.3
19	.757	.749	*	72	.761	.756	19	.939	71	.968	19	291.4
20	.757	.752	*	73	.767	.767	20	.938	72	.993		
21	.758	.751	*				21	.944	73	1.012	I	TPG
22	.760	.748	*	PRISES LAT. DROITES		22	.957	74	1.027			
23	.766	.748	*			23	.954	75	1.028	1	294.9	
24	.769	.758	*	74	.759	.762	24	.957	76	1.022	2	294.9
25	.773	.774	*	75	.760	.760	25	.959	77	1.008	3	294.8
26	.777	.785	*	76	.761	.758	26	.962	78	.992	4	294.8
27	.781	.797	*	77	.759	.757	27	.967	79	.974	5	294.8
28	.786	.812	*	78	.764	.758	28	.973	80	.960		
29	.789	.821	*	79	.758	.748	29	.979	81	.948		
30	.789	.826	*	80	.759	.751	30	.986	82	.939		
31	.791	.823	*	81	.768	.751	31	.992	83	.932		
32	.790	.830	*	82	.772	.773	32	1.000	84	.924		
33	.792	.825	*	83	.782	.795	33	1.006	85	.916		
34	.787	.815	*	84	.791	.813	34	1.015	86	.919		
35	.786	.810	*	85	.790	.821	35	1.023	87	.914		
36	.787	.802	*	86	.789	.821	36	1.033	88	.909		
37	.786	.792	*	87	.787	.811	37	1.034	89	.904		
38	.786	.779	*	88	.787	.794	38	1.025	90	.895		
39	.788	.768	*	89	.788	.771	39	1.004	91	.892		
40	.784	.763	*	90	.781	.758	40	.978	92	.883		
41	.782	.757	*	91	.770	.752	41	.950	93	.867		
42	.781	.754	*	92	.767	.749	42	.923	94	.889		
43	.775	.750	*	93	.760	.754	43	.893	95	1.130		
44	.768	.749	*	94	.763	.756	44	.860	96	1.033		
45	.765	.748	*	95	.763	.759	45	.830	97	1.205		
46	.765	.748	*	96	.767	.759	46	.800	98	1.213		
47	.768	.749	*				47	.773	99	1.294		
48	.766	.751	*				48	.749	100	1.162		
49	.764	.754	*				49	.729	101	.921		
50	.761	.756	*				50	.713	102	.719		
51	.761	.756	*				51	.701	103	.573		
52	.764	.758	*	PRISES COL		52	.690					
53	.766	.760	*									
54	.765	.762	*	.828	1.201	*	REFERENCE PROFIL					
55	.765	.761	*	.867	.879	*	.762					
56	.764	.761	*	.922	.838	*	.762					
57	.765	.758	*	.970	.807	*	.762					
58	.764	.751	*	1.137	.777	*	.762					

***** FICHER AD313 N0(IT)= 4
1/ 4/85 15H15 M=.761 PI=2.9 TI=TA I=-2.00 (RM) AD313
DE AD312 4'ITER

MACH DE REFERENCE= .7645 UINF= 250.200 M/S
TIV=297.6 K PIV= 2978 MB

MACH PAROIS			*	MACH PROFIL			*	T(K)					
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.761	.760	*	PRISES DOUBLES			*	1	.230	53	.683	1	291.5
2	.754	.760	*			2	.026	54	.685	2	292.9		
3	.757	.757	*	59	.754	.753	*	3	.091	55	.691	3	293.0
4	.764	.765	*	60	.766	.762	*	4	.205	56	.698	4	292.7
5	.764	.769	*	61	.766	.760	*	5	.296	57	.707	5	292.4
6	.757	.761	*			6	.364	58	.717	6	292.2		
7	.755	.755	*	PRISES LAT. GAUCHES			*	7	.416	59	.726	7	292.1
8	.764	.761	*			8	.460	60	.737	8	292.9		
9	.768	.771	*	62	.759	.765	*	9	.499	61	.751	9	294.1
10	.762	.755	*	63	.764	.765	*	10	.544	62	.765	10	293.6
11	.761	.761	*	64	.762	.760	*	11	.582	63	.781	11	292.9
12	.760	.766	*	65	.762	.749	*	12	.624	64	.796	12	292.3
13	.765	.760	*	66	.774	.776	*	13	.722	65	.815	13	292.5
14	.759	.756	*	67	.796	.810	*	14	.812	66	.835	14	292.9
15	.759	.757	*	68	.795	.815	*	15	.869	67	.858	15	292.8
16	.762	.759	*	69	.791	.792	*	16	.912	68	.883	16	293.7
17	.762	.757	*	70	.784	.758	*	17	.935	69	.909	17	293.6
18	.764	.754	*	71	.767	.750	*	18	.946	70	.936	18	293.5
19	.759	.754	*	72	.762	.755	*	19	.944	71	.963	19	293.7
20	.762	.753	*	73	.772	.768	*	20	.944	72	.987		
21	.764	.751	*			21	.949	73	1.004	*	I	TPG	
22	.766	.751	*	PRISES LAT. DROITES			*	22	.965	74	1.018		
23	.770	.752	*			23	.960	75	1.017	*	1	297.6	
24	.769	.761	*	74	.759	.764	*	24	.962	76	1.012	2	297.7
25	.773	.778	*	75	.756	.756	*	25	.964	77	1.000	3	297.7
26	.777	.788	*	76	.761	.758	*	26	.966	78	.985	4	297.6
27	.786	.797	*	77	.759	.757	*	27	.972	79	.968	5	297.6
28	.789	.809	*	78	.762	.758	*	28	.978	80	.954		
29	.795	.815	*	79	.758	.752	*	29	.985	81	.943		
30	.795	.820	*	80	.765	.751	*	30	.991	82	.935		
31	.798	.817	*	81	.771	.754	*	31	.997	83	.927		
32	.796	.823	*	82	.773	.777	*	32	1.007	84	.921		
33	.799	.820	*	83	.784	.795	*	33	1.013	85	.918		
34	.792	.811	*	84	.796	.811	*	34	1.022	86	.919		
35	.791	.807	*	85	.797	.818	*	35	1.031	87	.914		
36	.791	.799	*	86	.794	.816	*	36	1.046	88	.909		
37	.789	.790	*	87	.791	.807	*	37	1.053	89	.905		
38	.788	.779	*	88	.790	.791	*	38	1.038	90	.897		
39	.790	.770	*	89	.789	.771	*	39	1.015	91	.909		
40	.786	.765	*	90	.783	.759	*	40	.988	92	.894		
41	.784	.759	*	91	.774	.754	*	41	.960	93	.882		
42	.783	.755	*	92	.769	.750	*	42	.931	94	.876		
43	.778	.751	*	93	.763	.755	*	43	.902	95	.874		
44	.774	.750	*	94	.765	.754	*	44	.870	96	.866		
45	.770	.749	*	95	.762	.757	*	45	.839	97	1.246		
46	.768	.749	*	96	.770	.757	*	46	.807	98	1.257		
47	.769	.751	*			47	.778	99	1.335				
48	.767	.752	*			48	.753	100	1.163				
49	.767	.755	*			49	.730	101	.920				
50	.765	.758	*			50	.711	102	.716				
51	.763	.755	*			51	.695	103	.574				
52	.767	.762	*	PRISES COL			*	52	.682				
53	.767	.762	*										
54	.763	.762	*	.825	1.198	*	REFERENCE PROFIL						
55	.765	.764	*	.865	1.230	*	.760						
56	.767	.766	*	.919	1.340	*	.762						
57	.769	.759	*	.967	.898	*	.761						
58	.769	.744	*	1.136	.851	*	.762						

***** FICHER AD314 N0(IT)= 4
 1/ 4/85 16H15 M=.762 PI=2.0 TI=155 I=-2.00 (RMPT) AD314
 DE AD313 4'ITER

MACH DE REFERENCE= .7715 UINF= 182.836 M/S
 TIV=156.3 K PIV= 1966 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.767	.763	*	PRISES DOUBLES		1	.232	53	.679	1	151.6		
2	.765	.770	*			2	.024	54	.682	2	152.3		
3	.765	.765	*	59	.766	.762	3	.106	55	.688	3	151.8	
4	.765	.765	*	60	.772	.771	4	.215	56	.696	4	152.3	
5	.763	.768	*	61	.769	.764	5	.307	57	.704	5	152.0	
6	.764	.767	*			6	.371	58	.714	6	151.7		
7	.765	.765	*	PRISES LAT. GAUCHES		7	.425	59	.725	7	151.6		
8	.769	.763	*			8	.469	60	.737	8	152.5		
9	.769	.771	*	62	.764	.770	9	.506	61	.751	9	153.6	
10	.769	.763	*	63	.765	.774	10	.589	62	.766	10	152.5	
11	.764	.771	*	64	.768	.766	11	.590	63	.781	11	152.0	
12	.760	.771	*	65	.768	.751	12	.632	64	.798	12	152.0	
13	.765	.764	*	66	.795	.773	13	.731	65	.817	13	152.1	
14	.764	.763	*	67	.804	.821	14	.827	66	.839	14	152.2	
15	.763	.764	*	68	.805	.824	15	.878	67	.863	15	151.7	
16	.764	.762	*	69	.800	.796	16	.925	68	.888	16	152.9	
17	.768	.762	*	70	.793	.762	17	.949	69	.915	17	151.5	
18	.775	.761	*	71	.773	.754	18	.960	70	.942	18	151.3	
19	.768	.758	*	72	.769	.765	19	.957	71	.972	19	154.0	
20	.768	.755	*	73	.774	.773	20	.957	72	.998			
21	.765	.753	*			21	.961	73	1.018	I	TPG		
22	.769	.755	*	PRISES LAT. DROITES		22	.983	74	1.037				
23	.773	.757	*			23	.974	75	1.037	1	156.5		
24	.777	.764	*	74	.764	.770	24	.976	76	1.028	2	156.5	
25	.784	.779	*	75	.769	.765	25	.979	77	1.013	3	155.9	
26	.789	.791	*	76	.767	.767	26	.981	78	.994	4	155.5	
27	.797	.803	*	77	.762	.763	27	.987	79	.976	5	155.1	
28	.800	.819	*	78	.766	.764	28	.994	80	.961			
29	.803	.826	*	79	.769	.757	29	1.002	81	.950			
30	.803	.832	*	80	.766	.753	30	1.008	82	.941			
31	.806	.829	*	81	.775	.759	31	1.015	83	.932			
32	.805	.836	*	82	.784	.779	32	1.026	84	.925			
33	.809	.830	*	83	.795	.800	33	1.033	85	.919			
34	.802	.819	*	84	.804	.820	34	1.043	86	.924			
35	.800	.812	*	85	.805	.828	35	1.054	87	.918			
36	.800	.803	*	86	.803	.823	36	1.071	88	.912			
37	.799	.792	*	87	.800	.811	37	1.086	89	.907			
38	.798	.780	*	88	.799	.794	38	1.105	90	.899			
39	.798	.772	*	89	.798	.774	39	1.086	91	.913			
40	.794	.768	*	90	.790	.763	40	.996	92	.901			
41	.791	.761	*	91	.780	.757	41	.969	93	.890			
42	.791	.758	*	92	.775	.755	42	.941	94	.888			
43	.787	.754	*	93	.768	.761	43	.913	95	.899			
44	.780	.752	*	94	.771	.763	44	.880	96	.895			
45	.777	.752	*	95	.771	.772	45	.849	97	1.255			
46	.774	.752	*	96	.773	.772	46	.817	98	1.295			
47	.774	.756	*			47	.787	99	1.339				
48	.774	.758	*			48	.760	100	1.159				
49	.772	.762	*			49	.734	101	.917				
50	.769	.763	*			50	.713	102	.739				
51	.769	.765	*			51	.694	103	.572				
52	.771	.767	*	PRISES COL		52	.677						
53	.773	.766	*										
54	.772	.767	*	.833	1.204								
55	.773	.768	*	.874	.891								
56	.771	.769	*	.927	.847								
57	.771	.768	*	.972	.814								
58	.772	.771	*	1.147	.780								

REFERENCE PROFIL
 .765
 .766
 .769
 .765

***** FICHER AD316 N0(IT)= 4
 2/ 4/85 9H30 M=.761 PI=2.5 TI=300K I=+2.00 (RM) AD316
 DE AD260 4'ITER

MACH DE REFERENCE= .7696 UINF= 250.489 M/S
 TIV=294.7 K PIV= 2490 MB

MACH PAROIS						MACH PROFIL						TCK	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.773	.756	*	PRISES	DOUBLES	1	.126	53	.737	1	290.7		
2	.773	.763	*			2	.343	54	.722	2	288.3		
3	.773	.761	*	59	.767	.758	3	.463	.719	3	287.8		
4	.769	.752	*	60	.774	.762	4	.577	.719	4	287.3		
5	.765	.764	*	61	.773	.758	5	.672	.722	5	287.3		
6	.766	.763	*			6	.720	58	.728	6	288.2		
7	.767	.759	*	PRISES	LAT. GAUCHES	7	.750	59	.731	7	289.7		
8	.768	.757	*			8	.774	60	.740	8	289.9		
9	.768	.763	*	62	.770	.765	9	.800	.750	9	291.4		
10	.770	.755	*	63	.770	.765	10	.832	.762	10	291.0		
11	.768	.762	*	64	.773	.755	11	.864	.774	11	290.6		
12	.763	.762	*	65	.788	.728	12	.903	.787	12	290.5		
13	.769	.757	*	66	.821	.722	13	.992	.802	13	290.9		
14	.767	.758	*	67	.854	.754	14	1.117	.816	14	291.5		
15	.768	.758	*	68	.855	.773	15	1.205	.834	15	291.8		
16	.768	.756	*	69	.838	.766	16	1.220	.853	16	289.7		
17	.773	.752	*	70	.814	.748	17	1.253	.871	17	288.9		
18	.782	.745	*	71	.786	.746	18	1.271	.888	18	289.4		
19	.779	.741	*	72	.775	.760	19	1.274	.902	19	289.7		
20	.783	.737	*	73	.758	.773	20	1.275	.911				
21	.788	.731	*			21	1.276	73	.911	I	TPG		
22	.798	.722	*	PRISES	LAT. DROITES	22	1.294	74	.908				
23	.807	.715	*			23	1.290	75	.898	1	294.7		
24	.812	.715	*	74	.770	.764	24	1.295	.887	2	294.7		
25	.821	.723	*	75	.769	.761	25	1.298	.872	3	294.8		
26	.829	.728	*	76	.769	.759	26	1.300	.856	4	294.7		
27	.842	.734	*	77	.766	.755	27	1.306	.838	5	294.7		
28	.849	.746	*	78	.772	.753	28	1.310	.821				
29	.855	.756	*	79	.779	.740	29	1.317	.806				
30	.856	.763	*	80	.789	.731	30	1.321	.791				
31	.861	.764	*	81	.809	.717	31	1.323	.776				
32	.859	.774	*	82	.820	.723	32	1.329	.762				
33	.861	.775	*	83	.840	.734	33	1.273	.751				
34	.850	.772	*	84	.855	.754	34	1.097	.739				
35	.844	.771	*	85	.858	.766	35	1.031	.721				
36	.840	.769	*	86	.854	.772	36	1.004	.699				
37	.834	.764	*	87	.844	.771	37	.984	.675				
38	.829	.759	*	88	.836	.764	38	.965	.655				
39	.826	.754	*	89	.825	.753	39	.946	.645				
40	.818	.752	*	90	.813	.747	40	.926	.633				
41	.813	.748	*	91	.797	.745	41	.908	.619				
42	.811	.746	*	92	.789	.747	42	.889	.609				
43	.804	.742	*	93	.778	.756	43	.873	.598				
44	.796	.741	*	94	.778	.759	44	.858	.599				
45	.792	.741	*	95	.776	.752	45	.844	.584				
46	.789	.743	*	96	.760	.753	46	.829	.584				
47	.788	.747	*			47	.817	.592					
48	.785	.751	*			48	.807	100	.530				
49	.782	.756	*			49	.796	101	.405				
50	.777	.758	*			50	.784	102	.359				
51	.776	.759	*			51	.774	103	.130				
52	.774	.761	*	PRISES	COL	52	.759						
53	.779	.764	*										
54	.780	.768	*	.840	1.211		REFERENCE	PROFIL					
55	.779	.766	*	.877	1.234		.765						
56	.773	.765	*	.931	1.040		.766						
57	.763	.756	*	.977	.992		.765						
58	.740	.737	*	1.146	.948		.765						

***** FICHER AD317 N0(IT)= 4
2/ 4/85 10H25 M=.756 PI=2.0 TI=155K I=+2 (RMPT) AD317
DE AD316 4'ITE

MACH DE REFERENCE= .7647 UINF= 180.428 M/S
TIV=154.7 K PIV= 1986 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.769	.751	*	PRISES DOUBLES		1	.142	53	.710	1	151.0		
2	.769	.750	*			2	.362	54	.699	2	149.5		
3	.767	.754	*	59	.763	.754	3	.482	55	.697	3	148.8	
4	.761	.753	*	60	.769	.760	4	.593	56	.699	4	149.6	
5	.757	.755	*	61	.766	.756	5	.691	57	.703	5	149.0	
6	.760	.757	*			6	.729	58	.709	6	149.2		
7	.762	.756	*	PRISES LAT. GAUCHES		7	.760	59	.713	7	150.4		
8	.762	.752	*			8	.784	60	.722	8	151.2		
9	.761	.759	*	62	.763	.759	9	.807	61	.733	9	152.5	
10	.766	.753	*	63	.762	.764	10	.843	62	.746	10	151.4	
11	.764	.759	*	64	.769	.750	11	.872	63	.758	11	151.1	
12	.759	.757	*	65	.784	.724	12	.911	64	.770	12	151.3	
13	.766	.750	*	66	.821	.715	13	.994	65	.785	13	151.5	
14	.765	.751	*	67	.847	.748	14	1.128	66	.799	14	151.5	
15	.765	.753	*	68	.851	.764	15	1.219	67	.818	15	151.2	
16	.764	.750	*	69	.838	.755	16	1.240	68	.838	16	151.4	
17	.770	.746	*	70	.816	.743	17	1.264	69	.856	17	149.0	
18	.779	.739	*	71	.781	.742	18	1.278	70	.872	18	149.2	
19	.773	.735	*	72	.773	.756	19	1.281	71	.887	19	152.7	
20	.777	.732	*	73	.764	.768	20	1.279	72	.894			
21	.780	.726	*			21	1.281	73	.893	I	TPG		
22	.792	.717	*	PRISES LAT. DROITES		22	1.302	74	.889				
23	.802	.710	*			23	1.293	75	.880	1	154.6		
24	.809	.707	*	74	.763	.760	24	1.297	76	.870	2	154.9	
25	.821	.713	*	75	.766	.758	25	1.299	77	.856	3	154.1	
26	.828	.719	*	76	.765	.756	26	1.301	78	.840	4	153.8	
27	.839	.726	*	77	.763	.750	27	1.308	79	.823	5	153.6	
28	.844	.739	*	78	.768	.747	28	1.311	80	.807			
29	.848	.749	*	79	.774	.734	29	1.316	81	.792			
30	.849	.757	*	80	.781	.726	30	1.322	82	.778			
31	.855	.756	*	81	.805	.712	31	1.325	83	.763			
32	.854	.765	*	82	.821	.714	32	1.332	84	.750			
33	.858	.763	*	83	.839	.725	33	1.337	85	.735			
34	.848	.759	*	84	.848	.747	34	1.335	86	.729			
35	.843	.758	*	85	.851	.758	35	1.164	87	.710			
36	.841	.755	*	86	.850	.760	36	1.049	88	.688			
37	.836	.751	*	87	.843	.758	37	1.012	89	.663			
38	.831	.746	*	88	.836	.751	38	.986	90	.643			
39	.827	.743	*	89	.828	.743	39	.963	91	.632			
40	.820	.741	*	90	.812	.741	40	.938	92	.626			
41	.814	.738	*	91	.795	.741	41	.914	93	.610			
42	.813	.737	*	92	.783	.744	42	.892	94	.601			
43	.803	.735	*	93	.774	.750	43	.871	95	.587			
44	.793	.737	*	94	.775	.754	44	.851	96	.588			
45	.788	.738	*	95	.769	.761	45	.832	97	.587			
46	.784	.740	*	96	.764	.760	46	.814	98	.570			
47	.782	.744	*			47	.798	99	.575				
48	.781	.746	*			48	.780	100	.511				
49	.778	.750	*			49	.766	101	.389				
50	.774	.752	*			50	.752	102	.244				
51	.773	.756	*			51	.736	103	.115				
52	.768	.758	*	PRISES COL		52	.725						
53	.772	.760	*			REFERENCE PROFIL							
54	.772	.762	*	.838	1.208				.759				
55	.772	.761	*	.880	.876				.761				
56	.767	.761	*	.934	.942				.759				
57	.763	.759	*	.979	.915				.759				
58	.755	.758	*	1.155	.781				.759				

***** FICHER AD318 N0(IT)= 4
 2/ 4/85 12H 0 M=.757 PI=1.7 TI=155K I=+2 (RM T) AD318
 DE AD317 4'ITE

MACH DE REFERENCE= .7630 UINF= 179.976 M/S
 TIV=154.5 K PIV= 1673 MB

MACH PAROIS						MACH PROFIL				T(K)				
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR			
1	.769	.752	*	PRISES DOUBLES		*	1	.163	53	.707	*	1	150.9	
2	.769	.760	*			*	2	.360	54	.696	*	2	149.7	
3	.767	.755	*	59	.763	.755	*	3	.482	55	.695	*	3	148.9
4	.762	.755	*	60	.768	.759	*	4	.594	56	.697	*	4	149.3
5	.759	.757	*	61	.766	.753	*	5	.689	57	.702	*	5	148.9
6	.761	.759	*				*	6	.731	58	.707	*	6	149.1
7	.763	.757	*	PRISES LAT. GAUCHES		*	7	.761	59	.713	*	7	150.2	
8	.762	.752	*				*	8	.784	60	.721	*	8	150.6
9	.762	.758	*	62	.763	.760	*	9	.807	61	.733	*	9	151.7
10	.765	.752	*	63	.758	.762	*	10	.842	62	.745	*	10	151.2
11	.763	.759	*	64	.771	.751	*	11	.873	63	.758	*	11	150.8
12	.759	.758	*	65	.784	.725	*	12	.912	64	.770	*	12	151.0
13	.765	.752	*	66	.820	.712	*	13	.997	65	.784	*	13	151.3
14	.766	.754	*	67	.846	.745	*	14	1.139	66	.802	*	14	151.4
15	.768	.755	*	68	.851	.765	*	15	1.212	67	.820	*	15	151.2
16	.767	.752	*	69	.837	.757	*	16	1.231	68	.837	*	16	151.5
17	.771	.747	*	70	.811	.739	*	17	1.259	69	.855	*	17	149.3
18	.777	.738	*	71	.781	.742	*	18	1.275	70	.871	*	18	149.6
19	.772	.734	*	72	.772	.755	*	19	1.279	71	.884	*	19	152.7
20	.777	.733	*	73	.765	.765	*	20	1.278	72	.892	*		
21	.781	.727	*				*	21	1.279	73	.892	*	I	TPG
22	.793	.716	*	PRISES LAT. DROITES		*	22	1.300	74	.888	*			
23	.802	.707	*				*	23	1.294	75	.879	*	1	154.5
24	.809	.705	*	74	.764	.760	*	24	1.294	76	.869	*	2	154.6
25	.819	.712	*	75	.766	.757	*	25	1.297	77	.855	*	3	154.3
26	.827	.716	*	76	.764	.755	*	26	1.299	78	.839	*	4	153.9
27	.837	.723	*	77	.763	.752	*	27	1.304	79	.822	*	5	153.7
28	.842	.736	*	78	.770	.749	*	28	1.309	80	.806	*		
29	.846	.745	*	79	.773	.734	*	29	1.314	81	.791	*		
30	.847	.754	*	80	.783	.727	*	30	1.320	82	.777	*		
31	.854	.754	*	81	.805	.710	*	31	1.324	83	.762	*		
32	.854	.765	*	82	.819	.712	*	32	1.330	84	.749	*		
33	.858	.766	*	83	.837	.723	*	33	1.336	85	.734	*		
34	.849	.761	*	84	.847	.743	*	34	1.336	86	.727	*		
35	.844	.761	*	85	.851	.755	*	35	1.151	87	.709	*		
36	.841	.757	*	86	.850	.761	*	36	1.045	88	.687	*		
37	.834	.752	*	87	.844	.760	*	37	1.011	89	.661	*		
38	.829	.746	*	88	.837	.752	*	38	.985	90	.642	*		
39	.823	.740	*	89	.825	.741	*	39	.961	91	.632	*		
40	.816	.738	*	90	.808	.736	*	40	.936	92	.624	*		
41	.810	.733	*	91	.792	.736	*	41	.912	93	.607	*		
42	.808	.732	*	92	.782	.743	*	42	.889	94	.597	*		
43	.800	.731	*	93	.773	.751	*	43	.866	95	.585	*		
44	.791	.732	*	94	.774	.753	*	44	.845	96	.587	*		
45	.786	.733	*	95	.769	.762	*	45	.825	97	.586	*		
46	.783	.738	*	96	.764	.761	*	46	.808	98	.567	*		
47	.782	.744	*				*	47	.790	99	.573	*		
48	.780	.748	*				*	48	.775	100	.510	*		
49	.777	.752	*				*	49	.760	101	.389	*		
50	.773	.753	*				*	50	.747	102	.246	*		
51	.772	.755	*				*	51	.735	103	.126	*		
52	.768	.756	*	PRISES COL		*	52	.721						
53	.771	.756	*											
54	.771	.758	*	.836	1.180	*	REFERENCE PROFIL							
55	.771	.758	*	.875	.863	*	.760							
56	.766	.758	*	.929	.834	*	.759							
57	.763	.758	*	.974	.811	*	.758							
58	.755	.760	*	1.148	.775	*	.759							

***** FICHER AD320 N0(IT)= 4
2/ 4/85 16H35 M=.756 PI=2.5 TI=120 I=+2 (RMPT) AD320
DE AD317 4'ITE

MACH DE REFERENCE= .7669 UINF= 159.342 M/S
TIV=120.0 K PIV= 2487 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.772	.753	*	PRISES DOUBLES		1	.184	53	.719	1	117.5	
2	.772	.764	*			2	.345	54	.704	2	115.8	
3	.769	.758	*	59	.767	.758	3	.467	55	.701	3	115.3
4	.763	.758	*	60	.773	.762	4	.587	56	.704	4	116.0
5	.759	.760	*	61	.771	.757	5	.681	57	.706	5	115.8
6	.762	.761	*			6	.722	58	.712	6	115.6	
7	.767	.760	*	PRISES LAT. GAUCHES		7	.753	59	.716	7	116.3	
8	.767	.754	*			8	.777	60	.726	8	118.0	
9	.766	.761	*	62	.764	.764	9	.797	61	.737	9	119.5
10	.770	.754	*	63	.765	.765	10	.846	62	.748	10	117.9
11	.764	.762	*	64	.771	.753	11	.865	63	.761	11	117.3
12	.758	.761	*	65	.787	.727	12	.900	64	.772	12	117.7
13	.766	.754	*	66	.825	.718	13	.986	65	.788	13	117.6
14	.768	.753	*	67	.854	.751	14	1.128	66	.801	14	117.6
15	.767	.756	*	68	.855	.769	15	1.210	67	.819	15	117.1
16	.768	.753	*	69	.838	.757	16	1.239	68	.838	16	117.0
17	.772	.749	*	70	.817	.743	17	1.259	69	.856	17	115.7
18	.780	.741	*	71	.782	.744	18	1.274	70	.872	18	115.9
19	.772	.738	*	72	.775	.758	19	1.279	71	.886	19	117.4
20	.780	.737	*	73	.765	.772	20	1.279	72	.894		
21	.782	.731	*			21	1.279	73	.893	I	TPG	
22	.796	.719	*	PRISES LAT. DROITES		22	1.296	74	.891			
23	.805	.711	*			23	1.292	75	.882	1	119.7	
24	.811	.709	*	74	.764	.764	24	1.296	76	.871	2	119.1
25	.824	.715	*	75	.770	.761	25	1.299	77	.859	3	119.7
26	.832	.721	*	76	.768	.758	26	1.300	78	.842	4	119.5
27	.844	.728	*	77	.762	.753	27	1.306	79	.824	5	118.9
28	.849	.741	*	78	.770	.750	28	1.310	80	.808		
29	.855	.751	*	79	.773	.737	29	1.315	81	.793		
30	.855	.759	*	80	.782	.730	30	1.321	82	.779		
31	.861	.759	*	81	.808	.712	31	1.324	83	.764		
32	.859	.768	*	82	.824	.715	32	1.332	84	.750		
33	.861	.767	*	83	.844	.729	33	1.335	85	.739		
34	.849	.763	*	84	.854	.751	34	1.290	86	.726		
35	.843	.761	*	85	.857	.762	35	1.163	87	.707		
36	.840	.757	*	86	.854	.764	36	1.049	88	.685		
37	.835	.752	*	87	.843	.762	37	1.000	89	.662		
38	.831	.748	*	88	.836	.754	38	.979	90	.641		
39	.827	.744	*	89	.829	.745	39	.952	91	.635		
40	.820	.743	*	90	.813	.741	40	.930	92	.630		
41	.815	.738	*	91	.795	.741	41	.909	93	.612		
42	.814	.737	*	92	.784	.747	42	.887	94	.602		
43	.805	.736	*	93	.774	.753	43	.867	95	.589		
44	.795	.737	*	94	.777	.756	44	.849	96	.589		
45	.789	.738	*	95	.774	.762	45	.832	97	.599		
46	.785	.742	*	96	.763	.760	46	.816	98	.571		
47	.784	.748	*			47	.798	99	.590			
48	.782	.751	*			48	.783	100	.517			
49	.778	.754	*			49	.771	101	.391			
50	.775	.754	*			50	.758	102	.242			
51	.776	.758	*			51	.743	103	.111			
52	.774	.762	*	PRISES COL		52	.732					
53	.778	.764	*									
54	.777	.767	*	.833	1.194				REFERENCE PROFIL			
55	.777	.766	*	.861	.867				.759			
56	.770	.765	*	.918	.833				.762			
57	.765	.760	*	.973	.810				.760			
58	.756	.757	*	1.150	.778				.758			

***** FICHER AD322 N0(IT)= 4
3/ 4/85 13H50 M=.77 PI=1.7 TI=TA I=+.25 (RM) AD322
DE AD321 4'ITE

MACH DE REFERENCE= .7729 UINF= 251.372 M/S
TIV=294.6 K PIV= 1716 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.776	.766	*	PRISES DOUBLES		1	.053	53	.710	1	290.3
2	.776	.771	*			2	.193	54	.706	2	289.1
3	.776	.768	*	59	.771 .767	3	.310	55	.707	3	288.8
4	.773	.768	*	60	.777 .769	4	.420	56	.712	4	288.6
5	.772	.771	*	61	.775 .764	5	.512	57	.717	5	288.6
6	.771	.771	*			6	.569	58	.725	6	289.0
7	.771	.768	*	PRISES LAT. GAUCHES		7	.609	59	.734	7	289.3
8	.771	.766	*			8	.643	60	.743	8	290.1
9	.772	.770	*	62	.775 .771	9	.676	61	.756	9	291.1
10	.774	.763	*	63	.770 .772	10	.713	62	.769	10	290.7
11	.773	.768	*	64	.774 .764	11	.751	63	.784	11	290.1
12	.769	.768	*	65	.783 .744	12	.792	64	.798	12	290.1
13	.774	.765	*	66	.809 .743	13	.894	65	.815	13	290.4
14	.771	.766	*	67	.832 .785	14	1.005	66	.833	14	290.8
15	.773	.767	*	68	.829 .798	15	1.054	67	.855	15	290.9
16	.772	.765	*	69	.820 .782	16	1.106	68	.877	16	289.6
17	.775	.762	*	70	.809 .755	17	1.136	69	.901	17	289.2
18	.779	.755	*	71	.781 .753	18	1.149	70	.925	18	289.3
19	.776	.752	*	72	.776 .764	19	1.158	71	.946	19	289.6
20	.780	.749	*	73	.771 .776	20	1.162	72	.961		
21	.784	.746	*			21	1.162	73	.968	I	TPG
22	.790	.742	*	PRISES LAT. DROITES		22	1.174	74	.969		
23	.798	.737	*			23	1.172	75	.960	1	294.6
24	.803	.737	*	74	.774 .771	24	1.174	76	.950	2	294.7
25	.809	.746	*	75	.773 .770	25	1.172	77	.935	3	294.6
26	.816	.753	*	76	.773 .766	26	1.172	78	.917	4	294.6
27	.825	.763	*	77	.772 .764	27	1.174	79	.899	5	294.6
28	.829	.778	*	78	.773 .763	28	1.175	80	.881		
29	.833	.789	*	79	.777 .750	29	1.178	81	.867		
30	.832	.797	*	80	.785 .745	30	1.179	82	.854		
31	.835	.797	*	81	.799 .739	31	1.179	83	.841		
32	.832	.805	*	82	.808 .745	32	1.179	84	.829		
33	.833	.803	*	83	.822 .762	33	1.162	85	.816		
34	.826	.797	*	84	.833 .785	34	1.058	86	.810		
35	.822	.793	*	85	.833 .797	35	1.012	87	.796		
36	.821	.787	*	86	.828 .798	36	1.018	88	.781		
37	.818	.779	*	87	.822 .792	37	1.024	89	.763		
38	.817	.770	*	88	.819 .780	38	1.018	90	.751		
39	.818	.763	*	89	.817 .764	39	.999	91	.748		
40	.813	.759	*	90	.808 .755	40	.974	92	.738		
41	.809	.754	*	91	.792 .750	41	.944	93	.730		
42	.808	.751	*	92	.784 .755	42	.914	94	.726		
43	.800	.747	*	93	.774 .762	43	.884	95	.722		
44	.791	.747	*	94	.778 .764	44	.852	96	.726		
45	.785	.747	*	95	.777 .768	45	.823	97	.728		
46	.784	.750	*	96	.770 .768	46	.798	98	.769		
47	.782	.756	*			47	.776	99	.823		
48	.780	.759	*			48	.760	100	.762		
49	.778	.762	*			49	.746	101	.610		
50	.775	.763	*			50	.736	102	.445		
51	.776	.764	*			51	.727	103	.311		
52	.777	.765	*	PRISES COL		52	.719				
53	.779	.768	*								
54	.779	.770	*	.840	1.209						
55	.778	.769	*	.879	.877						
56	.775	.769	*	.931	.842						
57	.770	.766	*	.977	.816						
58	.761	.760	*	1.143	.788						
							REFERENCE PROFIL				
								.772			
								.773			
								.772			
								.771			

***** FICHER AD323 N0(IT)= 4
 3/ 4/85 14H10 M=.78 PI=1.7 TI=TA I=+.25 (RM) AD323
 DE AD322 4'ITE

MACH DE REFERENCE= .7843 UINF= 255.169 M/S
 TIV=295.7 K PIV= 1731 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.788	.777	*	PRISES DOUBLES		1	.058	53	.726	1	291.1		
2	.788	.783	*			2	.185	54	.720	2	289.9		
3	.787	.779	*	59	.783	.780	3	.301	.721	3	289.6		
4	.783	.779	*	60	.789	.782	4	.413	.725	4	289.3		
5	.781	.781	*	61	.785	.775	5	.504	.731	5	289.1		
6	.781	.782	*				6	.562	.738	6	289.1		
7	.783	.781	*	PRISES LAT. GAUCHES		7	.603	59	.747	7	290.0		
8	.783	.778	*			8	.638	60	.757	8	290.8		
9	.784	.783	*	62	.784	.782	9	.672	.769	9	291.8		
10	.786	.776	*	63	.781	.784	10	.710	.783	10	291.4		
11	.785	.779	*	64	.787	.774	11	.747	.797	11	290.9		
12	.780	.778	*	65	.792	.754	12	.789	.812	12	290.7		
13	.785	.774	*	66	.819	.758	13	.891	.830	13	291.1		
14	.784	.776	*	67	.849	.799	14	1.005	.848	14	291.6		
15	.786	.778	*	68	.847	.812	15	1.054	.871	15	291.7		
16	.786	.776	*	69	.837	.795	16	1.107	.894	16	289.9		
17	.787	.772	*	70	.822	.769	17	1.137	.921	17	289.6		
18	.790	.765	*	71	.794	.764	18	1.152	.947	18	289.7		
19	.784	.763	*	72	.788	.776	19	1.163	.971	19	290.1		
20	.787	.761	*	73	.783	.788	20	1.166	.990				
21	.793	.757	*				21	1.170	.999	I	TPG		
22	.802	.749	*	PRISES LAT. DROITES		22	1.183	74	1.001				
23	.811	.744	*			23	1.181	75	.989	1	295.8		
24	.815	.748	*	74	.785	.782	24	1.185	.976	2	295.8		
25	.820	.761	*	75	.784	.781	25	1.185	.959	3	295.8		
26	.826	.768	*	76	.784	.779	26	1.187	.940	4	295.8		
27	.837	.778	*	77	.784	.774	27	1.191	.919	5	295.7		
28	.844	.793	*	78	.786	.773	28	1.194	.901				
29	.849	.804	*	79	.785	.760	29	1.199	.885				
30	.850	.811	*	80	.793	.756	30	1.202	.872				
31	.853	.810	*	81	.813	.746	31	1.207	.858				
32	.851	.819	*	82	.817	.760	32	1.216	.844				
33	.851	.817	*	83	.835	.778	33	1.219	.833				
34	.843	.810	*	84	.850	.799	34	1.222	.826				
35	.839	.806	*	85	.851	.811	35	1.228	.812				
36	.838	.800	*	86	.846	.813	36	1.231	.795				
37	.834	.792	*	87	.839	.805	37	1.082	.778				
38	.833	.784	*	88	.836	.793	38	.995	.766				
39	.834	.777	*	89	.832	.778	39	.968	.762				
40	.827	.773	*	90	.820	.769	40	.947	.751				
41	.822	.768	*	91	.802	.762	41	.925	.743				
42	.821	.765	*	92	.797	.766	42	.900	.739				
43	.810	.761	*	93	.789	.773	43	.875	.736				
44	.801	.760	*	94	.790	.775	44	.849	.741				
45	.797	.758	*	95	.787	.776	45	.826	.745				
46	.795	.761	*	96	.783	.776	46	.805	.790				
47	.796	.767	*				47	.789	.849				
48	.795	.770	*				48	.776	100	.784			
49	.793	.773	*				49	.765	101	.628			
50	.788	.774	*				50	.756	102	.460			
51	.788	.776	*				51	.747	103	.325			
52	.787	.776	*	PRISES COL		52	.738						
53	.790	.780	*				REFERENCE PROFIL						
54	.790	.783	*	.854	1.203		.783						
55	.790	.781	*	.890	.870		.783						
56	.786	.780	*	.941	.840		.783						
57	.782	.775	*	.984	.820		.782						
58	.773	.764	*	1.150	.798		.782						

***** FICHER AD324 N0(IT)= 4
3/ 4/85 14H30 M=.785 PI=1.7 TI=TA I=+.25 (RM) AD324
DE AD323 4'ITE

MACH DE REFERENCE= .7904 UINF= 257.136 M/S
TIV=296.3 K PIV= 1741 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.794	.782	*	PRISES DOUBLES		1	.061	53	.739	1	291.8
2	.793	.788	*			2	.176	54	.732	2	290.6
3	.791	.785	*	59	.788	.785	3	.293	.731	3	290.2
4	.787	.784	*	60	.797	.788	4	.403	.735	4	289.9
5	.786	.787	*	61	.793	.783	5	.496	.740	5	289.7
6	.786	.788	*				6	.554	.747	6	289.6
7	.788	.787	*	PRISES LAT. GAUCHES		7	.596	59	.756	7	290.6
8	.790	.784	*			8	.631	60	.765	8	291.5
9	.791	.789	*	62	.789	.788	9	.665	.778	9	292.4
10	.794	.781	*	63	.788	.790	10	.703	.792	10	292.0
11	.792	.785	*	64	.791	.781	11	.742	.807	11	291.5
12	.787	.784	*	65	.799	.763	12	.784	.822	12	291.2
13	.790	.790	*	66	.824	.753	13	.997	.840	13	291.7
14	.786	.783	*	67	.856	.809	14	1.001	.859	14	292.3
15	.787	.784	*	68	.856	.823	15	1.051	.882	15	292.2
16	.786	.782	*	69	.846	.803	16	1.105	.906	16	290.4
17	.791	.779	*	70	.829	.776	17	1.136	.934	17	290.3
18	.799	.772	*	71	.801	.772	18	1.152	.961	18	290.3
19	.795	.770	*	72	.795	.782	19	1.163	.988	19	290.5
20	.796	.770	*	73	.793	.796	20	1.165	1.011		
21	.799	.765	*				21	1.172	1.022	I	TPG
22	.806	.756	*	PRISES LAT. DROITES		22	1.185	74	1.025	*	
23	.815	.750	*			23	1.193	75	1.009	1	296.4
24	.818	.753	*	74	.789	.788	24	1.198	.994	2	296.5
25	.824	.766	*	75	.790	.787	25	1.198	.974	3	296.4
26	.832	.774	*	76	.792	.785	26	1.191	.954	4	296.4
27	.843	.786	*	77	.788	.780	27	1.195	.932	5	296.4
28	.850	.802	*	78	.790	.780	28	1.200	.913		
29	.857	.815	*	79	.796	.768	29	1.204	.897		
30	.858	.823	*	80	.800	.765	30	1.211	.882		
31	.862	.822	*	81	.817	.753	31	1.216	.869		
32	.860	.831	*	82	.821	.765	32	1.224	.854		
33	.861	.828	*	83	.841	.785	33	1.230	.842		
34	.852	.820	*	84	.857	.810	34	1.235	.836		
35	.849	.815	*	85	.859	.823	35	1.241	.822		
36	.848	.809	*	86	.854	.823	36	1.255	.806		
37	.844	.800	*	87	.848	.813	37	1.193	.789		
38	.841	.791	*	88	.845	.800	38	1.026	.776		
39	.841	.783	*	89	.840	.785	39	.974	.783		
40	.835	.780	*	90	.827	.776	40	.945	.762		
41	.830	.775	*	91	.808	.771	41	.919	.755		
42	.828	.772	*	92	.803	.774	42	.895	.751		
43	.817	.768	*	93	.795	.779	43	.873	.749		
44	.807	.767	*	94	.797	.782	44	.851	.754		
45	.803	.766	*	95	.794	.783	45	.832	.761		
46	.801	.769	*	96	.793	.784	46	.816	.809		
47	.802	.774	*				47	.803	.870		
48	.801	.777	*				48	.792	100	.806	
49	.799	.779	*				49	.782	101	.844	
50	.795	.780	*				50	.773	102	.474	
51	.796	.782	*				51	.765	103	.337	
52	.794	.784	*	PRISES COL		52	.754				
53	.797	.788	*								
54	.797	.790	*	.861	1.135						
55	.797	.789	*	.897	.867						
56	.794	.787	*	.946	.840						
57	.791	.783	*	.988	.822						
58	.784	.772	*	1.154	.797						

REFERENCE PROFIL
.789
.789
.789
.789
.788

***** FICHER AD325 N0<IT>= 4
 3/ 4/85 14H50 M=.738 PI=1.7 TI=TA I=+.25 (RM) AD325
 DE AD321 4'ITE

MACH DE REFERENCE= .7416 UINF= 243.107 M/S
 TIV=296.7 K PIV= 1662 MB

MACH PAROIS						MACH PROFIL				T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR
1	.744	.735	PRISES DOUBLES			1	.051	53	.681	1	292.0
2	.742	.738				2	.210	54	.678	2	290.8
3	.742	.735	59	.740	.735	3	.325	55	.679	3	291.1
4	.741	.736	60	.748	.740	4	.434	56	.683	4	291.1
5	.740	.739	61	.744	.734	5	.524	57	.689	5	291.1
6	.740	.738				6	.579	58	.696	6	291.1
7	.741	.737	PRISES LAT. GAUCHES			7	.617	59	.704	7	291.3
8	.744	.738				8	.650	60	.713	8	291.9
9	.745	.744	62	.741	.738	9	.681	61	.724	9	293.0
10	.744	.735	63	.741	.742	10	.716	62	.737	10	292.6
11	.743	.737	64	.743	.733	11	.753	63	.750	11	292.3
12	.739	.737	65	.752	.716	12	.793	64	.763	12	292.1
13	.742	.733	66	.771	.715	13	.891	65	.778	13	292.3
14	.738	.734	67	.787	.749	14	.999	66	.795	14	292.7
15	.739	.734	68	.789	.759	15	1.041	67	.815	15	292.5
16	.740	.733	69	.784	.746	16	1.088	68	.833	16	291.1
17	.744	.731	70	.770	.726	17	1.109	69	.853	17	291.2
18	.750	.727	71	.750	.725	18	1.116	70	.872	18	291.2
19	.748	.724	72	.746	.733	19	1.118	71	.888	19	291.3
20	.751	.722	73	.745	.742	20	1.113	72	.899		
21	.753	.718				21	1.105	73	.903	I	TPG
22	.756	.713	PRISES LAT. DROITES			22	1.039	74	.903		
23	.762	.709				23	1.017	75	.897	1	296.8
24	.766	.709	74	.742	.738	24	1.018	76	.890	2	296.9
25	.771	.717	75	.742	.737	25	1.016	77	.879	3	296.8
26	.775	.723	76	.743	.737	26	1.013	78	.865	4	296.8
27	.781	.731	77	.739	.732	27	1.012	79	.850	5	296.8
28	.784	.743	78	.742	.732	28	1.012	80	.836		
29	.786	.753	79	.748	.723	29	1.014	81	.823		
30	.787	.758	80	.753	.717	30	1.014	82	.811		
31	.790	.758	81	.764	.711	31	1.013	83	.800		
32	.790	.765	82	.770	.717	32	1.014	84	.789		
33	.793	.764	83	.780	.731	33	1.014	85	.780		
34	.788	.758	84	.787	.749	34	1.012	86	.772		
35	.787	.756	85	.788	.759	35	1.012	87	.760		
36	.786	.751	86	.788	.760	36	1.011	88	.744		
37	.782	.744	87	.786	.754	37	1.003	89	.728		
38	.779	.737	88	.784	.745	38	.989	90	.716		
39	.777	.731	89	.776	.732	39	.970	91	.712		
40	.772	.728	90	.768	.726	40	.946	92	.703		
41	.769	.725	91	.758	.725	41	.918	93	.695		
42	.768	.723	92	.752	.726	42	.890	94	.690		
43	.764	.721	93	.747	.731	43	.860	95	.686		
44	.758	.721	94	.740	.733	44	.829	96	.688		
45	.755	.721	95	.744	.746	45	.800	97	.688		
46	.752	.723	96	.745	.746	46	.773	98	.722		
47	.751	.727				47	.749	99	.766		
48	.750	.728				48	.731	100	.708		
49	.750	.730				49	.716	101	.568		
50	.747	.732				50	.705	102	.412		
51	.747	.733				51	.696	103	.291		
52	.746	.735	PRISES COL			52	.688				
53	.747	.736									
54	.745	.737	.808	1.189		REFERENCE PROFIL					
55	.746	.738	.847	.892		.741					
56	.744	.739	.905	.840		.741					
57	.743	.742	.957	.799		.741					
58	.740	.748	1.127	.764		.740					

***** FICHER AD326 N0(IT)= 4
3/ 4/85 15H 5 M=.716 PI=1.7 TI=TA I=+.25 (RM) AD326
DE AD325 4'ITE

MACH DE REFERENCE=.7183 UINF= 236.281 M/S
TIV=296.9 K PIV= 1629 MB

MACH PAROIS						MACH PROFIL						T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR		
1	.721	.712	*	PRISES DOUBLES		1	.837	53	.658	1	292.7		
2	.720	.715	*			2	.216	54	.655	2	291.8		
3	.720	.712	*	59	.717 .713	3	.330	55	.658	3	292.1		
4	.720	.713	*	60	.723 .717	4	.437	56	.662	4	292.1		
5	.719	.716	*	61	.721 .713	5	.526	57	.667	5	292.1		
6	.717	.715	*			6	.580	58	.674	6	292.1		
7	.717	.714	*	PRISES LAT. GAUCHES		7	.617	59	.681	7	292.2		
8	.718	.715	*			8	.647	60	.690	8	292.7		
9	.719	.720	*	62	.719 .715	9	.678	61	.700	9	293.7		
10	.720	.712	*	63	.718 .718	10	.712	62	.713	10	293.4		
11	.720	.714	*	64	.721 .710	11	.748	63	.725	11	293.1		
12	.717	.714	*	65	.728 .697	12	.786	64	.737	12	293.0		
13	.720	.711	*	66	.746 .694	13	.881	65	.751	13	293.1		
14	.717	.711	*	67	.757 .723	14	.979	66	.766	14	293.4		
15	.717	.712	*	68	.759 .732	15	1.018	67	.784	15	293.2		
16	.718	.711	*	69	.756 .721	16	1.055	68	.802	16	291.9		
17	.721	.708	*	70	.744 .704	17	1.058	69	.819	17	292.2		
18	.727	.703	*	71	.728 .702	18	1.053	70	.835	18	292.1		
19	.724	.702	*	72	.721 .713	19	1.025	71	.850	19	292.0		
20	.726	.702	*	73	.720 .720	20	1.004	72	.859				
21	.729	.699	*			21	.998	73	.862	I	TPG		
22	.734	.694	*	PRISES LAT. DROITES		22	.997	74	.863				
23	.740	.689	*			23	.984	75	.858	1	297.1		
24	.742	.689	*	74	.720 .716	24	.977	76	.851	2	297.2		
25	.746	.696	*	75	.718 .714	25	.971	77	.842	3	297.1		
26	.748	.700	*	76	.719 .714	26	.967	78	.830	4	297.0		
27	.753	.707	*	77	.718 .710	27	.965	79	.817	5	297.1		
28	.755	.718	*	78	.720 .709	28	.964	80	.804				
29	.757	.726	*	79	.724 .700	29	.964	81	.793				
30	.757	.731	*	80	.729 .699	30	.963	82	.782				
31	.759	.729	*	81	.741 .690	31	.963	83	.772				
32	.759	.736	*	82	.745 .695	32	.963	84	.762				
33	.762	.734	*	83	.752 .708	33	.963	85	.754				
34	.757	.729	*	84	.758 .724	34	.963	86	.745				
35	.757	.728	*	85	.758 .732	35	.963	87	.734				
36	.757	.725	*	86	.758 .732	36	.962	88	.720				
37	.754	.720	*	87	.757 .728	37	.957	89	.705				
38	.752	.714	*	88	.756 .720	38	.948	90	.693				
39	.751	.710	*	89	.750 .710	39	.933	91	.688				
40	.747	.707	*	90	.743 .705	40	.914	92	.680				
41	.744	.704	*	91	.735 .701	41	.890	93	.672				
42	.744	.702	*	92	.730 .702	42	.865	94	.668				
43	.739	.699	*	93	.723 .709	43	.839	95	.663				
44	.735	.698	*	94	.724 .712	44	.810	96	.665				
45	.731	.698	*	95	.721 .721	45	.781	97	.664				
46	.730	.699	*	96	.720 .720	46	.754	98	.694				
47	.729	.703	*			47	.730	99	.734				
48	.728	.705	*			48	.710	100	.679				
49	.726	.709	*			49	.694	101	.545				
50	.723	.712	*			50	.682	102	.393				
51	.722	.713	*			51	.672	103	.265				
52	.722	.714	*	PRISES COL		52	.664						
53	.723	.715	*										
54	.722	.715	*	.783	1.169								
55	.722	.716	*	.827	.910								
56	.721	.716	*	.890	.942								
57	.719	.717	*	.943	.790								
58	.715	.721	*	1.113	.748								

REFERENCE PROFIL

.718
.718
.718
.717

***** FICHER AD327 N0(IT)= 4
 3/ 4/85 16H10 M=.756 PI=2.5 TI=TA I=+.25 (RMP) AD327
 DE AD321 4'ITE

MACH DE REFERENCE= .7625 UINF= 249.950 M/S
 TIV=298.4 K PIV= 2495 MB

MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.765	.753	PRISES DOUBLES			1	.010	53	.692	1	294.0	
2	.761	.756				2	.202	54	.689	2	293.0	
3	.762	.754	59	.758	.751	3	.321	55	.692	3	292.7	
4	.764	.760	60	.766	.758	4	.432	56	.697	4	292.6	
5	.764	.764	61	.767	.754	5	.524	57	.703	5	293.0	
6	.760	.759				6	.579	58	.711	6	293.0	
7	.759	.753	PRISES LAT. GAUCHES			7	.619	59	.718	7	293.2	
8	.764	.755				8	.652	60	.729	8	294.1	
9	.766	.763	62	.762	.762	9	.684	61	.740	9	295.3	
10	.763	.752	63	.764	.761	10	.723	62	.754	10	295.0	
11	.761	.760	64	.768	.754	11	.759	63	.769	11	294.4	
12	.759	.762	65	.775	.734	12	.799	64	.791	12	294.2	
13	.763	.757	66	.794	.736	13	.899	65	.797	13	294.7	
14	.761	.755	67	.819	.770	14	1.017	66	.811	14	295.2	
15	.763	.755	68	.819	.781	15	1.060	67	.831	15	295.5	
16	.765	.754	69	.811	.766	16	1.112	68	.853	16	293.6	
17	.768	.751	70	.799	.743	17	1.138	69	.875	17	293.4	
18	.772	.745	71	.774	.745	18	1.150	70	.895	18	293.4	
19	.768	.742	72	.765	.753	19	1.156	71	.914	19	293.7	
20	.772	.739	73	.765	.763	20	1.159	72	.927			
21	.777	.736				21	1.159	73	.933	I	TPG	
22	.784	.732	PRISES LAT. DROITES			22	1.171	74	.934			
23	.789	.728				23	1.165	75	.927	1	298.5	
24	.790	.728	74	.762	.760	24	1.165	76	.918	2	298.5	
25	.795	.737	75	.760	.754	25	1.161	77	.906	3	298.5	
26	.800	.743	76	.762	.756	26	1.159	78	.891	4	298.4	
27	.808	.750	77	.760	.754	27	1.158	79	.874	5	298.4	
28	.813	.763	78	.767	.753	28	1.155	80	.858			
29	.818	.773	79	.768	.741	29	1.151	81	.845			
30	.818	.780	80	.777	.735	30	1.100	82	.832			
31	.822	.779	81	.791	.730	31	1.006	83	.820			
32	.819	.786	82	.794	.736	32	1.009	84	.809			
33	.822	.785	83	.808	.751	33	1.025	85	.799			
34	.815	.778	84	.819	.771	34	1.042	86	.791			
35	.812	.775	85	.821	.781	35	1.059	87	.777			
36	.812	.770	86	.817	.782	36	1.075	88	.760			
37	.809	.763	87	.813	.777	37	1.069	89	.742			
38	.808	.755	88	.811	.765	38	1.031	90	.724			
39	.808	.749	89	.808	.751	39	1.005	91	.728			
40	.803	.746	90	.797	.744	40	.977	92	.713			
41	.801	.742	91	.790	.743	41	.946	93	.710			
42	.798	.740	92	.775	.745	42	.916	94	.705			
43	.789	.738	93	.768	.752	43	.886	95	.701			
44	.780	.740	94	.768	.752	44	.854	96	.703			
45	.776	.740	95	.765	.764	45	.823	97	.704			
46	.774	.742	96	.765	.763	46	.794	98	.741			
47	.774	.747				47	.770	99	.791			
48	.773	.748				48	.750	100	.729			
49	.770	.752				49	.732	101	.583			
50	.767	.755				50	.720	102	.421			
51	.766	.753				51	.709	103	.233			
52	.768	.757	PRISES COL			52	.700					
53	.769	.756										
54	.766	.757	.821	1.197		REFERENCE PROFIL						
55	.767	.759	.848	1.231		.760						
56	.766	.761	.917	1.083		.761						
57	.764	.760	.965	.878		.761						
58	.759	.761	1.134	.839		.756						

***** FICHER AD328 N0(IT)= 4
4/ 4/85 9H30 M=.698 PI=1.7 TI=TA I=+.25 (RM) AD328
DE AD326 4'ITE

MACH DE REFERENCE= .7003 UINF= 229.601 M/S
TIV=293.6 K PIV= 1596 MB

MACH PAROIS						MACH PROFIL					T(K)	
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.702	.692	*	PRISES DOUBLES		1	.044	53	.641	1	291.1	
2	.700	.696	*			2	.223	54	.639	2	290.1	
3	.700	.695	*	59	.699	.694	3	.335	55	.640	3	290.6
4	.701	.698	*	60	.705	.698	4	.441	56	.645	4	290.6
5	.699	.700	*	61	.702	.693	5	.527	57	.649	5	290.5
6	.699	.698	*			6	.579	58	.656	6	290.6	
7	.699	.695	*	PRISES LAT. GAUCHES		7	.615	59	.663	7	290.7	
8	.702	.695	*			8	.645	60	.673	8	291.1	
9	.704	.700	*	62	.699	.699	9	.674	61	.682	9	292.0
10	.702	.692	*	63	.701	.699	10	.707	62	.694	10	291.6
11	.700	.697	*	64	.704	.693	11	.741	63	.705	11	291.3
12	.697	.698	*	65	.710	.677	12	.779	64	.717	12	291.1
13	.700	.695	*	66	.723	.679	13	.870	65	.730	13	291.4
14	.698	.694	*	67	.738	.704	14	.960	66	.745	14	291.7
15	.699	.694	*	68	.735	.712	15	.993	67	.761	15	292.1
16	.701	.693	*	69	.731	.702	16	1.017	68	.778	16	292.1
17	.705	.692	*	70	.726	.684	17	1.015	69	.793	17	291.6
18	.710	.688	*	71	.709	.685	18	1.003	70	.808	18	292.0
19	.706	.686	*	72	.702	.692	19	.982	71	.820	19	292.0
20	.708	.683	*	73	.702	.699	20	.964	72	.829		
21	.710	.679	*			21	.959	73	.832	I	TPG	
22	.716	.675	*	PRISES LAT. DROITES		22	.957	74	.832			
23	.720	.671	*			23	.946	75	.828	1	293.6	
24	.720	.673	*	74	.700	.698	24	.942	76	.822	2	293.7
25	.724	.680	*	75	.700	.695	25	.935	77	.813	3	293.6
26	.727	.685	*	76	.701	.695	26	.931	78	.802	4	293.6
27	.732	.691	*	77	.698	.693	27	.929	79	.791	5	293.6
28	.736	.700	*	78	.703	.692	28	.928	80	.779		
29	.739	.707	*	79	.706	.683	29	.928	81	.769		
30	.738	.711	*	80	.710	.679	30	.927	82	.759		
31	.740	.710	*	81	.720	.672	31	.926	83	.749		
32	.737	.715	*	82	.722	.679	32	.927	84	.740		
33	.740	.715	*	83	.731	.690	33	.926	85	.733		
34	.734	.712	*	84	.739	.704	34	.926	86	.724		
35	.732	.710	*	85	.738	.711	35	.926	87	.713		
36	.732	.707	*	86	.736	.713	36	.926	88	.699		
37	.731	.701	*	87	.731	.709	37	.922	89	.685		
38	.731	.695	*	88	.731	.701	38	.915	90	.673		
39	.732	.690	*	89	.730	.689	39	.903	91	.671		
40	.729	.686	*	90	.725	.684	40	.889	92	.663		
41	.728	.684	*	91	.714	.685	41	.868	93	.655		
42	.726	.682	*	92	.710	.687	42	.844	94	.650		
43	.720	.682	*	93	.704	.691	43	.820	95	.645		
44	.715	.683	*	94	.703	.692	44	.792	96	.648		
45	.712	.683	*	95	.701	.699	45	.765	97	.645		
46	.710	.684	*	96	.701	.698	46	.739	98	.672		
47	.711	.687	*			47	.715	99	.709			
48	.709	.689	*			48	.694	100	.655			
49	.707	.691	*			49	.677	101	.527			
50	.704	.693	*			50	.665	102	.379			
51	.703	.693	*			51	.654	103	.253			
52	.703	.694	*	PRISES COL		52	.645					
53	.704	.694	*									
54	.702	.695	*	.768	1.160		REFERENCE PROFIL					
55	.702	.695	*	.815	.960		.700					
56	.701	.696	*	.880	.853		.701					
57	.700	.697	*	.936	.790		.701					
58	.700	.699	*	1.109	.742		.698					

***** FICHER AD331 NO(IT)= 4
 5/ 4/85 9H25 M=.728 PI=1.7 TI=TA I=+0.25 (RM) AD 331
 DE AD326 4'ITE

MACH DE REFERENCE= .7288 UINF= 237.893 M/S
 TIV=293.2 K PIV= 1614 MB

MACH PAROIS						MACH PROFIL				T(K)				
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR			
1	.731	.722	*	PRISES DOUBLES		*	1	.040	53	.668	*	1	289.3	
2	.730	.726	*			*	2	.213	54	.664	*	2	289.3	
3	.730	.722	*	59	.727	.722	*	3	.325	55	.666	*	3	289.6
4	.729	.723	*	60	.732	.727	*	4	.435	56	.671	*	4	289.6
5	.728	.726	*	61	.731	.722	*	5	.524	57	.676	*	5	289.6
6	.727	.725	*			*	6	.578	58	.682	*	6	289.6	
7	.727	.725	*	PRISES LAT. GAUCHES		*	7	.616	59	.690	*	7	289.7	
8	.729	.725	*			*	8	.648	60	.699	*	8	289.3	
9	.729	.730	*	62	.729	.725	*	9	.679	61	.710	*	9	290.3
10	.729	.722	*	63	.727	.729	*	10	.713	62	.723	*	10	290.0
11	.729	.725	*	64	.732	.721	*	11	.749	63	.735	*	11	289.6
12	.726	.724	*	65	.738	.704	*	12	.789	64	.748	*	12	289.4
13	.730	.720	*	66	.757	.707	*	13	.885	65	.762	*	13	289.7
14	.728	.721	*	67	.770	.734	*	14	.989	66	.779	*	14	289.9
15	.730	.722	*	68	.771	.742	*	15	1.030	67	.797	*	15	289.0
16	.731	.721	*	69	.767	.732	*	16	1.073	68	.815	*	16	289.2
17	.733	.719	*	70	.754	.713	*	17	1.084	69	.834	*	17	289.1
18	.737	.715	*	71	.738	.713	*	18	1.087	70	.851	*	18	289.3
19	.732	.712	*	72	.731	.720	*	19	1.078	71	.866	*	19	289.5
20	.735	.710	*	73	.731	.731	*	20	1.017	72	.876	*		
21	.738	.706	*			*	21	1.016	73	.880	*	I	TPG	
22	.745	.701	*	PRISES LAT. DROITES		*	22	1.018	74	.881	*			
23	.750	.697	*			*	23	1.006	75	.875	*	1	293.1	
24	.753	.701	*	74	.729	.725	*	24	1.000	76	.868	*	2	293.1
25	.757	.709	*	75	.728	.724	*	25	.992	77	.858	*	3	293.1
26	.760	.714	*	76	.727	.723	*	26	.987	78	.845	*	4	293.0
27	.764	.720	*	77	.727	.719	*	27	.986	79	.833	*	5	293.0
28	.768	.730	*	78	.731	.720	*	28	.985	80	.818	*		
29	.769	.737	*	79	.733	.710	*	29	.985	81	.807	*		
30	.769	.742	*	80	.739	.705	*	30	.984	82	.796	*		
31	.772	.741	*	81	.752	.699	*	31	.982	83	.786	*		
32	.772	.747	*	82	.756	.708	*	32	.984	84	.775	*		
33	.775	.746	*	83	.764	.720	*	33	.983	85	.767	*		
34	.770	.741	*	84	.770	.734	*	34	.982	86	.757	*		
35	.769	.739	*	85	.771	.742	*	35	.983	87	.747	*		
36	.769	.736	*	86	.770	.743	*	36	.982	88	.732	*		
37	.766	.730	*	87	.769	.739	*	37	.976	89	.716	*		
38	.764	.725	*	88	.767	.730	*	38	.966	90	.705	*		
39	.762	.720	*	89	.761	.720	*	39	.949	91	.700	*		
40	.758	.717	*	90	.754	.714	*	40	.928	92	.691	*		
41	.755	.714	*	91	.745	.709	*	41	.902	93	.683	*		
42	.755	.711	*	92	.740	.714	*	42	.876	94	.679	*		
43	.750	.708	*	93	.732	.718	*	43	.848	95	.675	*		
44	.745	.707	*	94	.734	.720	*	44	.818	96	.676	*		
45	.741	.707	*	95	.732	.728	*	45	.789	97	.676	*		
46	.740	.709	*	96	.730	.728	*	46	.761	98	.708	*		
47	.739	.715	*			*	47	.738	99	.751	*			
48	.738	.718	*			*	48	.719	100	.693	*			
49	.738	.719	*			*	49	.703	101	.557	*			
50	.732	.720	*			*	50	.691	102	.403	*			
51	.732	.721	*			*	51	.682	103	.272	*			
52	.732	.722	*	PRISES COL		*	52	.691			*			
53	.733	.724	*			*					*			
54	.732	.725	*	.792	1.179	*	REFERENCE PROFIL							
55	.732	.726	*	.836	.905	*	.728							
56	.731	.727	*	.898	.840	*	.728							
57	.729	.726	*	.949	.794	*	.727							
58	.726	.727	*	1.121	.755	*	.727							

***** FICHER AD332 N0(IT)= 4
5/ 4/85 10H35 M=.763 PI=3.0 TI=120K I=+0.25 (RMPT) AD 332
DE AD330 4'ITE

MACH DE REFERENCE= .7661 UINF= 159.591 M/S
TIV=120.6 K PIV= 2984 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.772	.759	*	PRISES DOUBLES		1	.181	53	.680	1	117.7	
2	.771	.769	*			2	.213	54	.677	2	116.7	
3	.771	.762	*	59	.764	.757	3	.327	55	.680	3	115.7
4	.769	.763	*	60	.770	.768	4	.442	56	.686	4	117.1
5	.764	.764	*	61	.766	.754	5	.533	57	.693	5	116.7
6	.763	.763	*				6	.584	58	.701	6	116.6
7	.764	.760	*	PRISES LAT. GAUCHES		7	.624	59	.710	7	117.0	
8	.765	.757	*			8	.660	60	.721	8	117.9	
9	.766	.768	*	62	.768	.769	9	.686	61	.733	9	119.6
10	.768	.760	*	63	.765	.771	10	.746	62	.747	10	118.0
11	.764	.769	*	64	.770	.757	11	.766	63	.761	11	117.4
12	.760	.768	*	65	.780	.736	12	.801	64	.775	12	117.8
13	.768	.758	*	66	.806	.740	13	.899	65	.792	13	117.6
14	.768	.756	*	67	.827	.771	14	1.037	66	.807	14	117.6
15	.766	.757	*	68	.827	.783	15	1.063	67	.828	15	117.1
16	.767	.755	*	69	.818	.766	16	1.119	68	.849	16	117.1
17	.771	.752	*	70	.805	.745	17	1.147	69	.871	17	115.7
18	.779	.747	*	71	.775	.744	18	1.158	70	.891	18	115.4
19	.770	.745	*	72	.769	.757	19	1.166	71	.909	19	116.8
20	.775	.744	*	73	.768	.767	20	1.168	72	.922		
21	.774	.739	*				21	1.169	73	.926	I	TPG
22	.788	.733	*	PRISES LAT. DROITES		22	1.185	74	.927			
23	.795	.727	*			23	1.177	75	.920	1	119.9	
24	.797	.729	*	74	.768	.768	24	1.178	76	.911	2	120.0
25	.804	.738	*	75	.767	.761	25	1.178	77	.899	3	119.9
26	.809	.745	*	76	.766	.763	26	1.175	78	.885	4	119.6
27	.817	.752	*	77	.764	.757	27	1.176	79	.868	5	119.8
28	.821	.764	*	78	.768	.754	28	1.176	80	.853		
29	.826	.772	*	79	.770	.744	29	1.176	81	.840		
30	.826	.779	*	80	.776	.738	30	1.177	82	.827		
31	.831	.778	*	81	.797	.729	31	1.174	83	.815		
32	.829	.786	*	82	.804	.738	32	1.172	84	.803		
33	.833	.784	*	83	.818	.752	33	1.080	85	.793		
34	.822	.777	*	84	.826	.771	34	1.080	86	.786		
35	.819	.775	*	85	.827	.781	35	1.089	87	.771		
36	.819	.770	*	86	.825	.781	36	1.033	88	.756		
37	.815	.763	*	87	.819	.777	37	1.054	89	.736		
38	.814	.756	*	88	.815	.765	38	1.050	90	.720		
39	.812	.750	*	89	.813	.752	39	1.019	91	.725		
40	.806	.748	*	90	.800	.745	40	.991	92	.720		
41	.802	.742	*	91	.785	.744	41	.961	93	.699		
42	.802	.740	*	92	.776	.745	42	.930	94	.694		
43	.794	.739	*	93	.770	.755	43	.901	95	.691		
44	.785	.738	*	94	.771	.755	44	.868	96	.697		
45	.780	.740	*	95	.768	.764	45	.836	97	.702		
46	.777	.741	*	96	.763	.763	46	.805	98	.719		
47	.776	.747	*				47	.777	99	.781		
48	.777	.750	*				48	.751	100	.721		
49	.773	.756	*				49	.730	101	.571		
50	.771	.757	*				50	.710	102	.412		
51	.769	.757	*				51	.694	103	.277		
52	.768	.750	*	PRISES COL		52	.690					
53	.771	.759	*									
54	.770	.762	*	.828	1.202		REFERENCE PROFIL					
55	.772	.764	*	.872	.931		.760					
56	.768	.766	*	.924	.869		.763					
57	.766	.762	*	.972	.830		.761					
58	.761	.761	*	1.150	.794		.757					

***** FICHER AD334 NO(IT)= 4
9/ 4/85 10H45 M=.75 PI=1.7 TI=TA I=+0.25 (RM) AD 334
DE AD325 4'ITE

MACH DE REFERENCE= .7496 UINF= 244.380 M/S
TIV=294.1 K PIV= 1647 MB

MACH PAROIS						MACH PROFIL				T(K)		
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR	
1	.753	.744	*	PRISES DOUBLES		1	.041	53	.692	1	290.6	
2	.752	.748	*			2	.202	54	.688	2	289.2	
3	.752	.745	*	59	.748	.744	3	.317	55	.689	3	289.5
4	.751	.746	*	60	.754	.747	4	.427	56	.693	4	289.6
5	.750	.748	*	61	.753	.742	5	.517	57	.700	5	289.5
6	.749	.748	*				6	.574	58	.706	6	289.6
7	.748	.745	*	PRISES LAT. GAUCHES*		7	.612	59	.713	7	289.8	
8	.750	.744	*			8	.645	60	.723	8	290.5	
9	.750	.749	*	62	.751	.749	9	.678	61	.733	9	291.4
10	.750	.742	*	63	.747	.749	10	.714	62	.746	10	291.1
11	.750	.746	*	64	.754	.742	11	.751	63	.760	11	290.6
12	.747	.747	*	65	.761	.727	12	.792	64	.773	12	290.4
13	.751	.743	*	66	.782	.725	13	.891	65	.789	13	290.7
14	.749	.744	*	67	.801	.759	14	.999	66	.804	14	291.1
15	.751	.745	*	68	.798	.768	15	1.045	67	.825	15	291.3
16	.752	.744	*	69	.791	.756	16	1.093	68	.844	16	290.9
17	.755	.740	*	70	.780	.733	17	1.116	69	.865	17	290.5
18	.758	.733	*	71	.758	.735	18	1.127	70	.885	18	290.8
19	.754	.731	*	72	.754	.741	19	1.130	71	.902	19	290.9
20	.758	.733	*	73	.753	.752	20	1.130	72	.914		
21	.760	.729	*				21	1.127	73	.919	I	TPG
22	.765	.721	*	PRISES LAT. DROITES*		22	1.132	74	.920			
23	.771	.715	*			23	1.117	75	.914	1	294.1	
24	.776	.718	*	74	.751	.747	24	1.071	76	.906	2	294.1
25	.781	.727	*	75	.749	.746	25	1.006	77	.893	3	294.1
26	.786	.733	*	76	.749	.744	26	1.011	78	.880	4	294.1
27	.793	.741	*	77	.749	.742	27	1.019	79	.864	5	294.1
28	.798	.753	*	78	.753	.741	28	1.025	80	.848		
29	.800	.762	*	79	.755	.729	29	1.030	81	.836		
30	.800	.767	*	80	.762	.728	30	1.033	82	.824		
31	.801	.766	*	81	.772	.717	31	1.034	83	.812		
32	.799	.773	*	82	.780	.726	32	1.036	84	.801		
33	.800	.772	*	83	.792	.741	33	1.034	85	.792		
34	.794	.766	*	84	.802	.758	34	1.034	86	.783		
35	.792	.764	*	85	.801	.767	35	1.033	87	.771		
36	.791	.760	*	86	.797	.769	36	1.031	88	.756		
37	.789	.753	*	87	.792	.764	37	1.020	89	.740		
38	.789	.747	*	88	.790	.754	38	1.004	90	.728		
39	.788	.740	*	89	.787	.741	39	.982	91	.724		
40	.783	.736	*	90	.780	.734	40	.955	92	.713		
41	.781	.732	*	91	.770	.731	41	.926	93	.705		
42	.780	.730	*	92	.760	.736	42	.897	94	.701		
43	.774	.728	*	93	.755	.740	43	.867	95	.698		
44	.767	.727	*	94	.757	.741	44	.836	96	.701		
45	.763	.727	*	95	.753	.746	45	.807	97	.701		
46	.761	.731	*	96	.754	.746	46	.780	98	.737		
47	.759	.737	*				47	.757	99	.785		
48	.759	.739	*				48	.739	100	.725		
49	.757	.740	*				49	.725	101	.582		
50	.755	.741	*				50	.714	102	.422		
51	.755	.741	*				51	.707	103	.290		
52	.754	.743	*	PRISES COL		52	.699					
53	.755	.746	*									
54	.754	.747	*	.819	1.198	*	REFERENCE PROFIL					
55	.754	.748	*	.861	.889	*	.749					
56	.753	.748	*	.917	.945	*	.749					
57	.752	.745	*	.967	.909	*	.750					
58	.749	.739	*	1.136	.775	*	.748					

***** FICHER AD335 NO(IT)= 4
 9/ 4/85 15H50 M=.786 PI=3.0 TI=120K I=+0.25 (RMPT) AD 335
 DE AD333 4'ITE

MACH DE REFERENCE= .7896 UINF= 163.556 M/S
 TIV=120.0 K PIV= 2989 MB

MACH PAROIS			MACH PROFIL				T(K)							
I	HAUT	BAS	I	HAUT	BAS	I	EXT	I	INT	I	TPR			
1	.797	.785	*	PRISES DOUBLES				*						
2	.796	.795	*			1	.301	53	.720	1	116.6			
3	.795	.788	*	59	.790	.782	*	2	.186	54	.715	2	115.6	
4	.791	.786	*	60	.798	.793	*	3	.305	55	.717	3	115.1	
5	.785	.786	*	61	.789	.780	*	4	.420	56	.722	4	116.3	
6	.786	.786	*				*	5	.513	57	.728	5	115.9	
7	.790	.785	*	PRISES LAT. GAUCHES*				*	6	.565	58	.735	6	115.8
8	.791	.792	*				*	7	.608	59	.744	7	115.6	
9	.792	.793	*	62	.791	.793	*	8	.644	60	.755	8	117.7	
10	.795	.795	*	63	.791	.797	*	9	.675	61	.767	9	119.1	
11	.790	.792	*	64	.791	.792	*	10	.720	62	.781	10	117.2	
12	.783	.790	*	65	.804	.757	*	11	.756	63	.796	11	116.5	
13	.791	.782	*	66	.837	.763	*	12	.788	64	.810	12	116.9	
14	.791	.788	*	67	.859	.801	*	13	.889	65	.829	13	116.8	
15	.789	.782	*	68	.866	.815	*	14	1.021	66	.840	14	116.5	
16	.789	.780	*	69	.854	.794	*	15	1.061	67	.862	15	116.1	
17	.792	.778	*	70	.832	.770	*	16	1.115	68	.887	16	117.1	
18	.800	.771	*	71	.801	.768	*	17	1.148	69	.912	17	115.1	
19	.791	.767	*	72	.795	.780	*	18	1.162	70	.936	18	115.1	
20	.799	.766	*	73	.792	.796	*	19	1.173	71	.960	19	117.3	
21	.796	.760	*				*	20	1.177	72	.978			
22	.809	.753	*	PRISES LAT. DROITES*				*	21	1.182	73	.985	I	TPG
23	.817	.748	*				*	22	1.202	74	.986			
24	.823	.751	*	74	.790	.792	*	23	1.195	75	.976	1	119.5	
25	.835	.762	*	75	.794	.786	*	24	1.198	76	.964	2	119.7	
26	.841	.770	*	76	.793	.788	*	25	1.201	77	.947	3	119.8	
27	.849	.778	*	77	.786	.781	*	26	1.202	78	.930	4	118.8	
28	.854	.793	*	78	.789	.779	*	27	1.207	79	.910	5	118.6	
29	.858	.802	*	79	.792	.767	*	28	1.211	80	.891			
30	.853	.810	*	80	.799	.759	*	29	1.217	81	.877			
31	.865	.810	*	81	.820	.750	*	30	1.223	82	.864			
32	.866	.819	*	82	.835	.761	*	31	1.227	83	.849			
33	.872	.816	*	83	.851	.773	*	32	1.237	84	.838			
34	.862	.808	*	84	.857	.801	*	33	1.246	85	.825			
35	.858	.804	*	85	.861	.812	*	34	1.253	86	.818			
36	.856	.798	*	86	.863	.812	*	35	1.261	87	.803			
37	.851	.790	*	87	.857	.805	*	36	1.273	88	.787			
38	.847	.782	*	88	.852	.793	*	37	1.286	89	.768			
39	.843	.776	*	89	.843	.777	*	38	1.301	90	.753			
40	.834	.773	*	90	.830	.769	*	39	1.308	91	.755			
41	.830	.767	*	91	.814	.767	*	40	.991	92	.744			
42	.829	.765	*	92	.802	.770	*	41	.948	93	.730			
43	.822	.762	*	93	.795	.777	*	42	.917	94	.731			
44	.813	.762	*	94	.798	.778	*	43	.891	95	.728			
45	.808	.763	*	95	.791	.787	*	44	.867	96	.732			
46	.804	.765	*	96	.788	.786	*	45	.844	97	.741			
47	.801	.772	*				*	46	.822	98	.771			
48	.802	.773	*				*	47	.802	99	.847			
49	.798	.773	*				*	48	.785	100	.777			
50	.797	.778	*				*	49	.769	101	.619			
51	.796	.780	*				*	50	.753	102	.450			
52	.792	.785	*				*	51	.741	103	.310			
53	.795	.788	*	PRISES COL				*	52	.731				
54	.793	.791	*	.860	1.222	*	REFERENCE PROFIL							
55	.796	.791	*	.893	.931	*	.784							
56	.792	.792	*	.928	.880	*	.788							
57	.790	.796	*	.984	.852	*	.790							
58	.786	.782	*	1.167	.928	*	.781							

