

General Disclaimer

One or more of the Following Statements may affect this Document

- This document has been reproduced from the best copy furnished by the organizational source. It is being released in the interest of making available as much information as possible.
- This document may contain data, which exceeds the sheet parameters. It was furnished in this condition by the organizational source and is the best copy available.
- This document may contain tone-on-tone or color graphs, charts and/or pictures, which have been reproduced in black and white.
- This document is paginated as submitted by the original source.
- Portions of this document are not fully legible due to the historical nature of some of the material. However, it is the best reproduction available from the original submission.

**NASA TECHNICAL
MEMORANDUM**

NASA TM X-73,219

(NASA-TM-X-73219) AERODYNAMIC
CHARACTERISTICS OF A CANARD-CONTROLLED
MISSILE AT MACH NUMBERS OF 1.5 AND 2.0.
(NASA) 289 p HC A13/EF A01

N77-30082

CSCCL 01A

G3/02

**Unclass
41998**

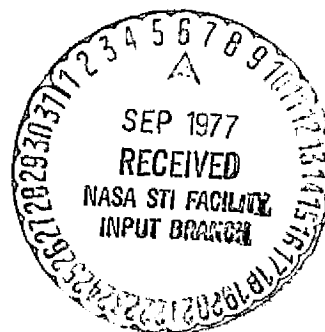
NASA TM X-73,219

**AERODYNAMIC CHARACTERISTICS OF A CANARD-CONTROLLED
MISSILE AT MACH NUMBERS OF 1.5 AND 2.0**

Donald L. Kassner and Brian Wettlaufer

**Ames Research Center
Moffett Field, California 94035**

July 1977



1. Report No. NASA TM X-73,219		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle AERODYNAMIC CHARACTERISTICS OF A CANARD-CONTROLLED MISSILE AT MACH NUMBERS OF 1.5 AND 2.0				5. Report Date July, 1977	
				6. Performing Organization Code	
7. Author(s) Donald L. Kassner and Brian Wettlaufer *				8. Performing Organization Report No. A-6957	
9. Performing Organization Name and Address NASA Ames Research Center, Moffett Field, Calif. 94035 and ARO, Inc., Moffett Field, Calif. 94035				10. Work Unit No. 505-11-41	
				11. Contract or Grant No.	
12. Sponsoring Agency Name and Address National Aeronautics and Space Administration Washington, D.C. 20546				13. Type of Report and Period Covered Technical Memorandum	
				14. Sponsoring Agency Code	
15. Supplementary Notes * ARO, Inc., Moffett Field, Ca. 94035					
16. Abstract A typical missile model with nose-mounted canards and cruciform tail surfaces was tested in the Ames 6- by 6-Foot Wind Tunnel to determine the contributions of the component aerodynamic surfaces to the static aerodynamic characteristics at Mach numbers of 1.5 and 2.0 and Reynolds number of 1×10^6 , based on body diameter. Data were obtained at angles of attack ranging from -3° to 12° for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). Results were obtained both with the model unrolled and rolled 45° . For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 10° with canard deflections of 9° . Also, the tail arrangements studied provided ample pitch stability. There were no appreciable effects of model roll orientation.					
17. Key Words (Suggested by Author(s)) Canard-controlled missile Body of revolution Body-canard-tail configuration				18. Distribution Statement Unlimited STAR Category 02	
19. Security Classif. (of this report) Unclassified		20. Security Classif. (of this page) Unclassified		21. No. of Pages 288	
22. Price*					

CONTENTS

	Page
SUMMARY	1
INTRODUCTION	1
NOMENCLATURE	2
TEST FACILITY	4
MODEL DESCRIPTION	5
TESTING AND PROCEDURE	5
DATA REDUCTION	5
RESULTS AND DISCUSSION	6
CONCLUDING REMARKS	8
REFERENCES	8
 TABLES	
1. Dimensions of Control Panels	10
 FIGURES	
1. Axis System	11
2. Control panels sign convention	12
3. Basic model and components	13
4. Model photographs	17
5. Body-alone characteristicsData Figure Page	1
6. Body-tail characteristics, main balance and panel load summations.....Data Figure Page	4
7. Body-canard characteristics, main balance and panel load summationsData Figure Page	16
8. Body-canard-tail characteristics, main balance and panel load summationsData Figure Page	100

AERODYNAMIC CHARACTERISTICS OF A CANARD-CONTROLLED MISSILE AT MACH NUMBERS OF 1.5 AND 2.0

Donald L. Kassner and Brian Wettlaufer*

Ames Research Center

SUMMARY

A typical missile model with nose-mounted canards and cruciform tail surfaces was tested in the Ames 6- by 6-Foot Wind Tunnel to determine the contributions of the component aerodynamic surfaces to the static aerodynamic characteristics at Mach numbers of 1.5 and 2.0 and a Reynolds number of 1×10^6 , based on body diameter. Data were obtained at angles of attack ranging from -3° to 12° for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). Results were obtained both with the model unrolled and rolled 45° .

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 10° with canard deflections of 9° . Also, the tail arrangements studied provided ample pitch stability. There were no appreciable effects of model roll orientation.

INTRODUCTION

Some recent emphasis in missile technology has been in the area of developing a series of configurations with canard controls on the non-constant-diameter nose portion of the missile. The objectives have been to provide both terminal guidance and high maneuverability during the flight. Of concern is the influence of the canard-control surfaces on the missile-tail effectiveness caused by the trailing vortices from the canards. Present predictive techniques (e.g., ref. 1) have been demonstrated to be inadequate, particularly for the case of the canards located on non-constant-diameter regions of the missile (e.g., the nose). Accordingly, an extensive series of wind-tunnel tests (refs. 2-4) has been performed to provide basic experimental data to be used in developing the required improved predictive techniques.

This test addressed itself to the determination of the aerodynamic characteristics of a typical missile model with and without canards and/or tail surfaces at Mach numbers of 1.5 and 2.0. Data were obtained at angles of attack from -3° to 12° , model roll angles of 0° and 45° , and canard-deflection angles of -3° to 15° .

* Project Engineer, ARO, Inc.

NOMENCLATURE

The axis systems and sign convention are shown in Figures 1 and 2. Data are presented in the unrolled body-axis coordinate system. Because the data were computer-plotted, the corresponding plot symbol, where used, is given together with the conventional symbol.

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
C_A	CA	missile axial-force coefficient in unrolled body-axis system; axial force/ $S_{REF}q_\infty$
C_ℓ	CBL	missile rolling-moment coefficient in unrolled body-axis system; body rolling moment/ $S_{REF}q_\infty \ell_{REF}$
$C_\ell^{C(B)}$	CRMC	rolling-moment coefficient in body-axis system for canard panels summed together
$C_\ell^{C(B)+T(B)}$	CRMB	rolling-moment coefficient in body-axis system for all canard and tail panels summed together
$C_\ell^{T(B)}$	CRMT	rolling-moment coefficient in body-axis system for tail panels summed together
C_m	CM	missile pitching-moment coefficient measured in unrolled body-axis system; pitching moment/ $S_{REF}q_\infty \ell_{REF}$
$C_m^{C(B)}$	CMC	pitching-moment coefficient in unrolled body-axis system for canard panels summed together
$C_m^{C(B)+T(B)}$	CMB	pitching-moment coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_m^{T(B)}$	CMT	pitching-moment coefficient in unrolled body-axis system for tail panels summed together
C_N	CN	missile normal-force coefficient in unrolled body-axis system; body normal force/ $S_{REF}q_\infty$
$C_N^{C(B)}$	CNC	normal-force coefficient in unrolled body-axis system for canard panels summed together
$C_N^{C(B)+T(B)}$	CNB	normal-force coefficient in unrolled body-axis system for all canard and tail panels summed together

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
$C_{N_{T(B)}}$	CNT	normal-force coefficient in unrolled body-axis system for tail panels summed together
C_n	CYM	missile yawing-moment coefficient in unrolled body-axis system; body yawing moment/ $S_{REF}q_\infty l_{REF}$
$C_{n_{C(B)}}$	CYMC	yawing-moment coefficient in unrolled body-axis system for canard panels summed together
$C_{n_{C(B)+T(B)}}$	CYMB	yawing-moment coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{n_{T(B)}}$	CYMT	yawing-moment coefficient in unrolled body-axis system for tail panels summed together
C_Y	CY	missile side-force coefficient in unrolled body-axis system; body side force/ $S_{REF}q_\infty$
$C_{Y_{C(B)}}$	CYC	side-force coefficient in unrolled body-axis system for canard panels summed together
$C_{Y_{C(B)+T(B)}}$	CYB	side-force coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{Y_{T(B)}}$	CYT	side-force coefficient in unrolled body-axis system for tail panels summed together
l_{REF}	LREF	reference length for all coefficients (missile body diameter for cylindrical portion); 12.70 cm (0.417 ft)
M_∞	MACH	free-stream Mach number
q_∞	Q	free-stream dynamic pressure
S_{REF}	SREF	reference area for all coefficients (cross-sectional area of cylindrical portion of center body); 126.7 cm ² (0.136 ft ²)
α	ALPHA	angle of attack, deg
ϕ_C	PHI-C	missile roll angle, deg
ϕ_T	PHI-T	interdigitation angle between canard and tail panels, deg
β	BETA	angle of sideslip, deg.

Control Surface Code

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
δC_X	D(X)	deflection angle of canard panel number X, (X = 1, 2, 3, 4). See figure 2.

Configuration Code

B	B	body
C ₁	C1	small canards (aft position)
C ₂	C2	small canards (mid position)
C ₃	C3	small canards (forward position)
C ₄	C4	large canards (mid position)
C ₆	C6	large canards (aft position)
C ₇	C7	small canards (mid position)
N ₁	N1	sharp nose
N ₂	N2	blunt nose
N ₃	N3	semiblunt nose
T ₁	T1	tail panels (aft position)
T ₂	T2	tail panels (mid position)

TEST FACILITY

The Ames Research Center 6- by 6-Foot Wind Tunnel is a variable-pressure, continuous-flow, closed-return type facility. The nozzle leading to the test section is of the asymmetric sliding-block type which permits a continuous variation of Mach number from 0.25 to 2.3. The test section has a perforated floor and ceiling with provisions for removal of boundary-layer flow at transonic Mach numbers.

MODEL DESCRIPTION

The model and its components are shown in figure 3. The model was a sting-mounted body of revolution, 12.70 cm in diameter and 132.08 cm in length, as shown in figure 3(a). Three nose shapes were used: a pointed, three-caliber tangent ogive and two blunted, three-caliber tangent ogives, as shown in figure 3(b). The model used six sets of four canard fins and two sets of four tail fins, all with various aspect ratios, as shown in figures 3(c) and 3(d), respectively. The dimensions of the canard and tail fins are given in table 1. The locations of the canards and tails on the body are indicated in the nomenclature and figure 3(a). Each of the four canards and four tail fins had a three-component balance mounted inside the body. The four tail fins had a fixed incidence angle of 0° . Each canard had a variable incidence angle that was remotely controlled and monitored from outside the tunnel. The tail fins were rolled at angles of 0° and -45° with respect to the canards. The total model loads were measured on a 5.1-cm (2-in) six-component balance (Task MKIIIE) furnished by Ames.

Model photographs are shown in figure 4.

TESTING AND PROCEDURE

The investigation was conducted at Mach numbers of 1.5 and 2.0 and at a Reynolds number of 1×10^6 , based on body diameter. Data were obtained at angles of attack from -3° to 12° at canard incidence angles of -3° to 15° and at model roll angles of 0° and 45° . The experimental data, presented as a function of angle of attack, were obtained from pitch sweeps at a constant canard-deflection angle and constant roll angle. An angle transducer, mounted on the aft end of the model support, was used to measure the angle of attack of the model.

DATA REDUCTION

The six-component main balance forces and moments were corrected for weight tares and reduced to coefficients in the unrolled body-axis system, as shown in figure 1. The moment reference center for all body-axis coefficients was at model station 66 (one-half the length of the sharp-nosed body in figure 3(a)). All force and moment coefficients were based upon the following dimensions:

$$S_{REF} = 126.7 \text{ cm}^2 (0.136 \text{ ft}^2)$$

$$l_{REF} = 12.70 \text{ cm} (0.417 \text{ ft})$$

The three-component fin balance forces and moments for each canard

and tail panel were reduced to normal-force, pitching-moment and root bending-moment coefficients about an axis system in the plane of the fin, as shown in figure 2. These fin coefficients were then summed together in two groups, canards and tails, and reduced to coefficients in an axis system about the model centerline. They were then further reduced to coefficients about the moment reference center in the unrolled body-axis system. Coefficients were obtained for each axis system.

The angle of attack was corrected for flow angularity and sting deflections. Stream-angle corrections used to correct for flow angularity were based on data taken during the investigation.

RESULTS AND DISCUSSION

Computer-plotted data on C_N , C_m , C_A , C_Y , C_n , and C_l vs α are presented in figures 5 through 8.

Body-Alone Characteristics

Body-alone characteristics for configuration BN1 are shown in figure 5 for Mach numbers of 1.5 and 2.0 and angles of attack from -3° to 12° . As in previous body-alone tests (e.g., ref. 2), C_N increases somewhat, not only with α but with increase in Mach number. The increase in C_N with increase in Mach number is, however, not large and with further increase in Mach number above about $M_\infty = 2.0$, C_N can be expected to decrease (ref. 5).

At supersonic Mach numbers, the side forces, yawing moments and rolling moments are essentially zero. This is not the case, however, at subsonic Mach numbers when α exceeds about 20° (see, for example, refs 2 and 6)

Body-Tail Characteristics

Body-tail characteristics for configuration BN1T1 are presented in figure 6 for Mach numbers of 1.5 and 2.0. The circular and diamond symbols represent the results for the body with tail (BN1C1) while the square and triangular symbols represent the results for the tail alone (summation of four tail panels in the presence of the body).

Generally, the tail (T1) developed at least half the total C_N for α up to about 12° . By comparing the C_m results of figures 5 and 6, one can observe the strong effect of the tail in providing stability in the pitch plane. Also, it can be seen in figure 6 that the C_m versus α results for the body plus tail are not greatly different from those for the tail alone, especially for $M_\infty = 1.5$.

None of the results were changed significantly when the model was

tested at a roll angle, $\phi_C = \text{PHI-C}$, of 45° instead of 0° . The side-force, yawing-moment and rolling-moment coefficients for the body plus tail and the tail (in the presence of the body) were generally negligible at all test conditions.

Body-Canard Characteristics

Body-canard characteristics for configuration BNIC4 are presented in figure 7 for Mach numbers of 1.5 and 2.0. The circular and diamond symbols represent the results for the body with canard (BNIC4) while the square and triangular symbols represent the results for the canard alone (summation of four canard panels in the presence of the body). Results are presented first for all the canard panels (position $X = 1, 2, 3, 4$) deflected at $\delta C_X = D(X) = -3^\circ$ (see fig. 2) and with the model rolled at $\text{PHI-C} = 45^\circ$ (see fig. 1). These results are followed by those for all the panels deflected consecutively at $D(X) = 0^\circ, 1^\circ, 3^\circ, 6^\circ, 9^\circ$ and 15° . Then, with the model in the unrolled position ($\text{PHI-C} = 0^\circ$), results are presented with only the side panels ($X = 2$ and 4) deflected consecutively at $D(X) = D2 = D4 = -3^\circ, 0^\circ, 1^\circ, 3^\circ, 6^\circ, 9^\circ$ and 15° .

Generally, the canard panels developed less than half the total C_N at both test Mach numbers. Being located well forward of the pitching-moment reference center, the canard panels also contributed substantially to the unstable pitching-moment characteristics typical of a body without tail fins. The results for the model rolled at $\text{PHI-C} = 45^\circ$ were nearly the same as for the model in the unrolled position ($\text{PHI-C} = 0^\circ$). As expected, increase in panel deflection angle resulted in some increase in C_N and positive (unstable) C_m .

Body-Canard-Tail Characteristics

Body-canard-tail characteristics for configuration BNIC4T1 are presented in figure 8 for Mach numbers of 1.5 and 2.0. The circular symbols represent the results for the body BNI with canard C4 and tail T1. The square symbols represent the results for the canard alone (summation of four panels in the presence of the body), and the diamond symbols represent the results for the tail alone (summation of four panels in the presence of the body). Finally, the triangular symbols represent the results for the canard plus tail in the presence of the body. Results are presented first for the model in the unrolled position ($\text{PHI-C} = 0^\circ$) and with only the canard side panels ($X = 2$ and 4) deflected consecutively at $D(X) = D2 = D4 = -3^\circ, 0^\circ, 1^\circ, 3^\circ, 6^\circ, 9^\circ$ and 15° . These results are followed by those for the model rolled 45° ($\text{PHI-C} = 45^\circ$) and all the canard panels are deflected consecutively at $D(X) = D1 = D2 = D3 = D4 = -3^\circ, 0^\circ, 1^\circ, 3^\circ, 6^\circ, 9^\circ$ and 15° .

Generally, the canard plus tail (C4T1) developed about half the total C_m for α up to about 12° . A similar result was obtained at a subsonic Mach number of 0.8 in reference 2. Enough normal force was developed by the tail to produce stable C_m characteristics over most of the α range. The canards were generally effective in trimming the model ($C_m = 0$) at angles of attack up to about 10° or 12° with panel deflections of 9° . There was generally only a small increase in trim α with panel deflections from 9° to 15° . The reader, of course, can study the various results for each Mach number, canard deflection angle, and model roll angle.

CONCLUDING REMARKS

A typical missile model with nose-mounted canards and cruciform tail surfaces was tested in the Ames 6- by 6-Foot Wind Tunnel to determine the contributions of the component aerodynamic surfaces to the static aerodynamic characteristics at Mach numbers of 1.5 and 2.0 and a Reynolds number of 1×10^6 , based on body diameter. Data were obtained at angles of attack ranging from -3° to 12° for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). Results were obtained both with the model unrolled and rolled 45° .

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 10° with canard deflections of 9° . Also, the tail arrangements studied provided ample pitch stability. There were no appreciable effects of model roll orientation.

Ames Research Center

National Aeronautics and Space Administration

Moffett Field, California 94035

April 12, 1977

REFERENCES

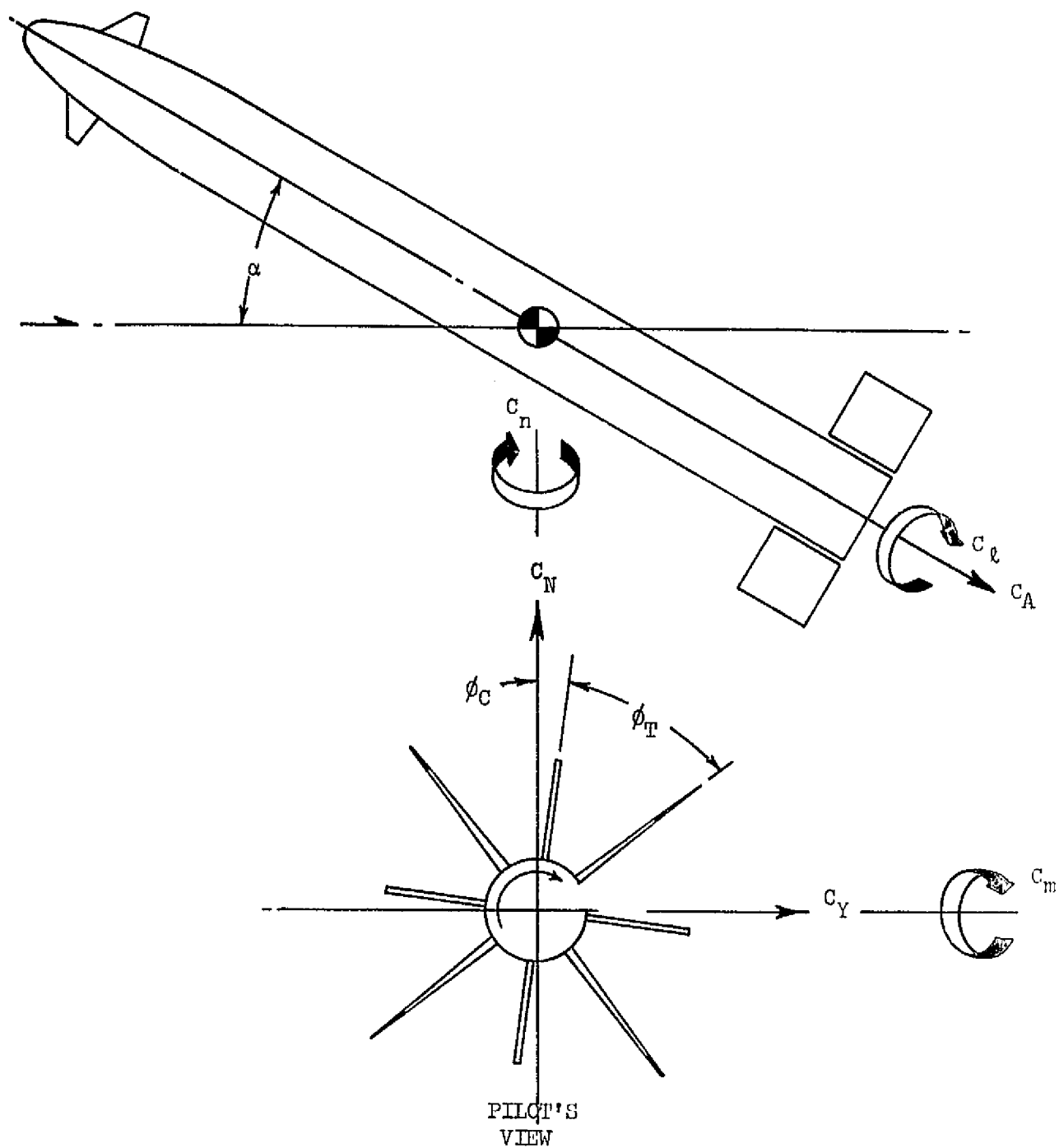
1. Pitts, William C.; Nielsen, Jack N.; and Kaattari, George E.: *Lift and Center of Pressure of Wind-Body-Tail Combinations at Subsonic, Transonic and Supersonic Speeds*. NACA Rep. 1307, 1957.
2. Kassner, Donald L.; and Wettlaufer, Brian: *Aerodynamic Characteristics of A Canard-Controlled Missile at Mach Numbers of 0.8, 1.3 and 1.75*. NASA TM X-73,218, 1977.
3. Kassner, Donald L.; and Wettlaufer, Brian: *Effects of Canard Location On The Aerodynamic Characteristics of a Blunt-Nosed Missile at Mach Numbers of 1.5 and 2.0*. NASA TM X-73,220, 1977.

4. Kassner, Donald L.; and Wettlaufer, Brian: *Effects of Canard Location On the Aerodynamic Characteristics of a Sharp-Nosed Missile at Mach Numbers of 1.5 and 2.0.* NASA TM X-73,221, 1977.
5. Jorgensen, Leland H.: *Prediction of Static Aerodynamic Characteristics for Space-Shuttle-Like and Other Bodies at Angles of Attack From 0° to 180° .* NASA TN D-6996, 1973.
6. Jorgensen, Leland H.; and Nelson, Edgar R.: *Experimental Aerodynamic Characteristics for a Cylindrical Body of Revolution With Various Noses at Angles of Attack From 0° to 58° and Mach Numbers From 0.6 to 2.0.* NASA TM X-3128, 1974.

TABLE 1. - DIMENSIONS OF CONTROL PANELS^a

	C ₁	C ₂	C ₃	C ₄	C ₆	C ₇	T ₁	T ₂
A					45		0	45
B	1.68	1.68	1.68	2.40	2.54	2.37	3.18	3.81
C	5.08	5.08	5.08	7.18	10.16	7.18	12.70	17.78
D	.25	.25	.25	.36	.38	.36	.51	.51
E	3.81	3.81	3.81	5.39	9.53	3.56	6.35	8.89
F	2.11	2.11	2.11	2.98	4.37	2.98	5.72	7.62
G	.08	.08	.08	.08	.15	.17	.51	.51
H	.0	.0	.0	.0	.0	.81	3.18	3.81
I	1.52	1.52	1.52	2.15		3.84	12.70	8.89
J	.0	.0	.0	.0	.0	.81		
K	1.68	1.68	1.68	2.40	2.54	7.37		

^aNOTE: all dimensions are in centimeters except "A", which is in degrees.
See control panel drawings, fig. 3(c).



NOTE: POSITIVE DIRECTIONS OF FORCE COEFFICIENTS, MOMENT COEFFICIENTS, AND ANGLES ARE INDICATED BY ARROWS.

Figure 1. Axis System.

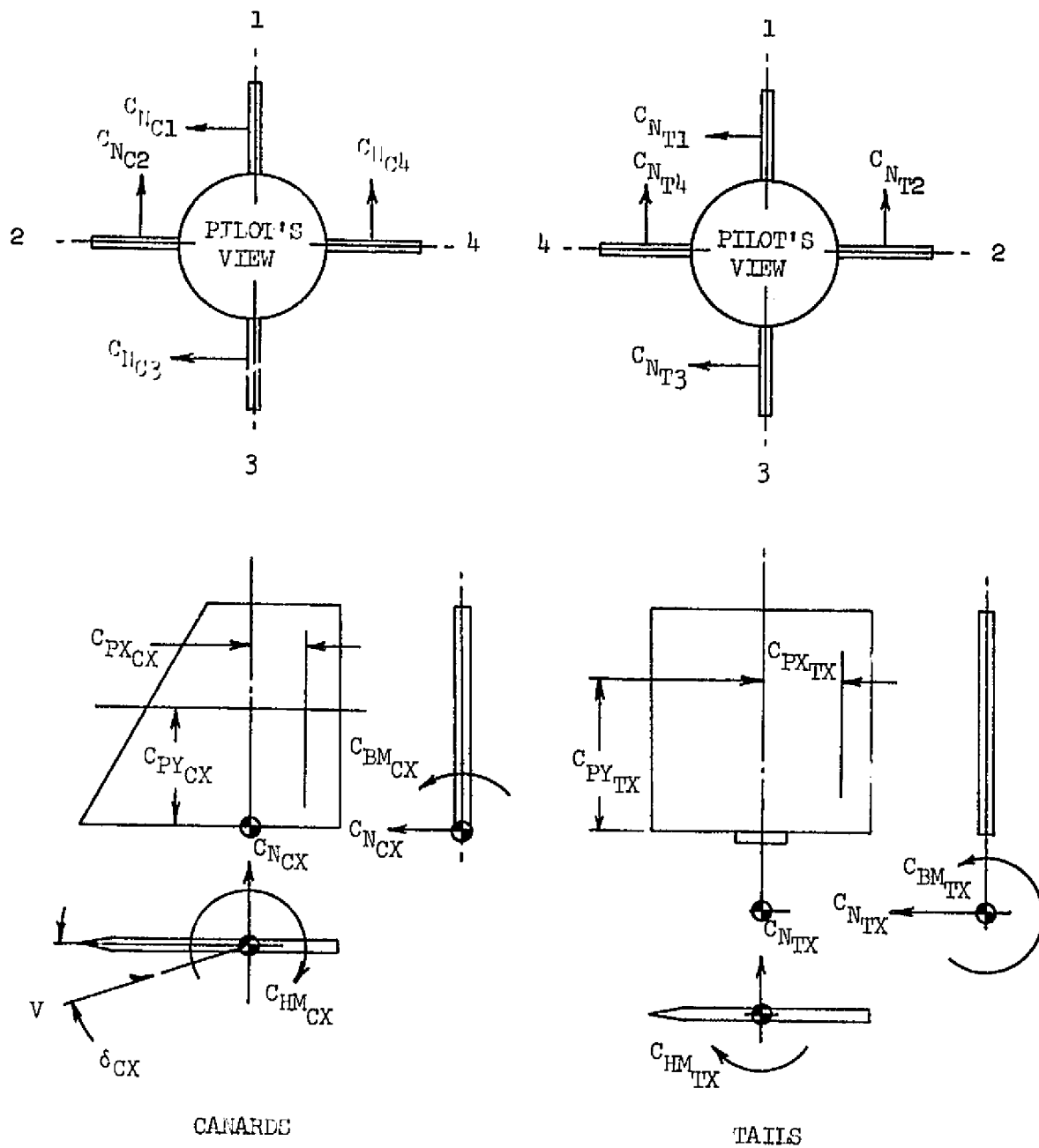
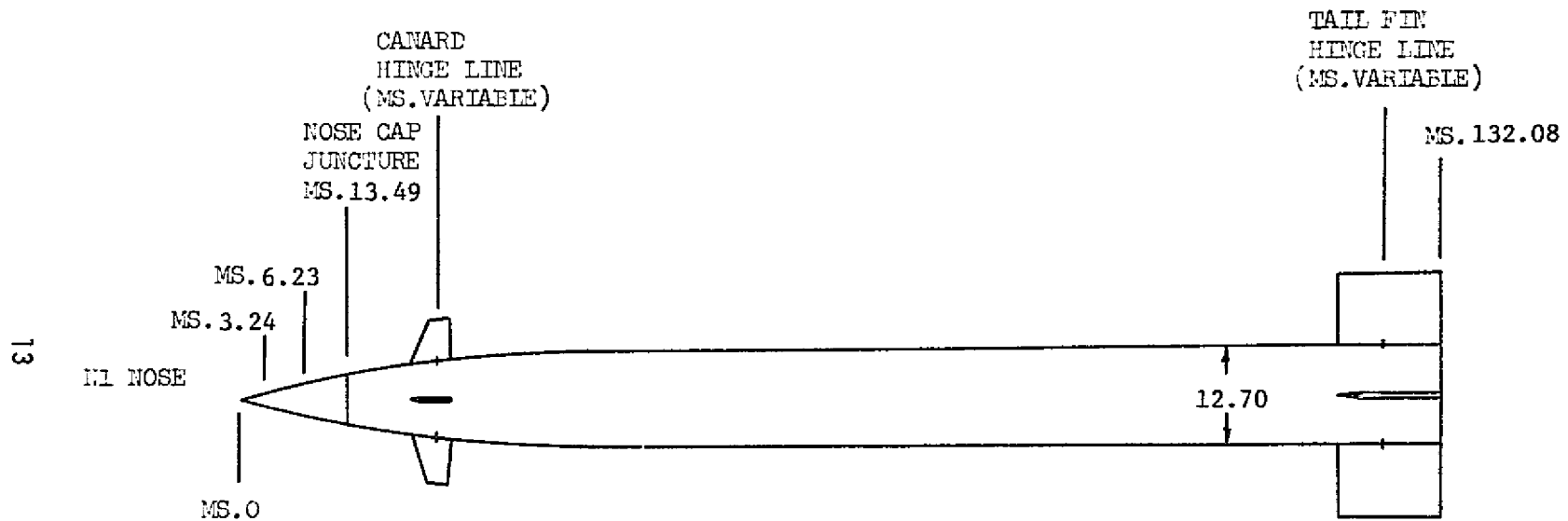


Figure 2. - Control panels sign convention.

NOTE: ALL DIMENSIONS ARE IN CENTIMETERS



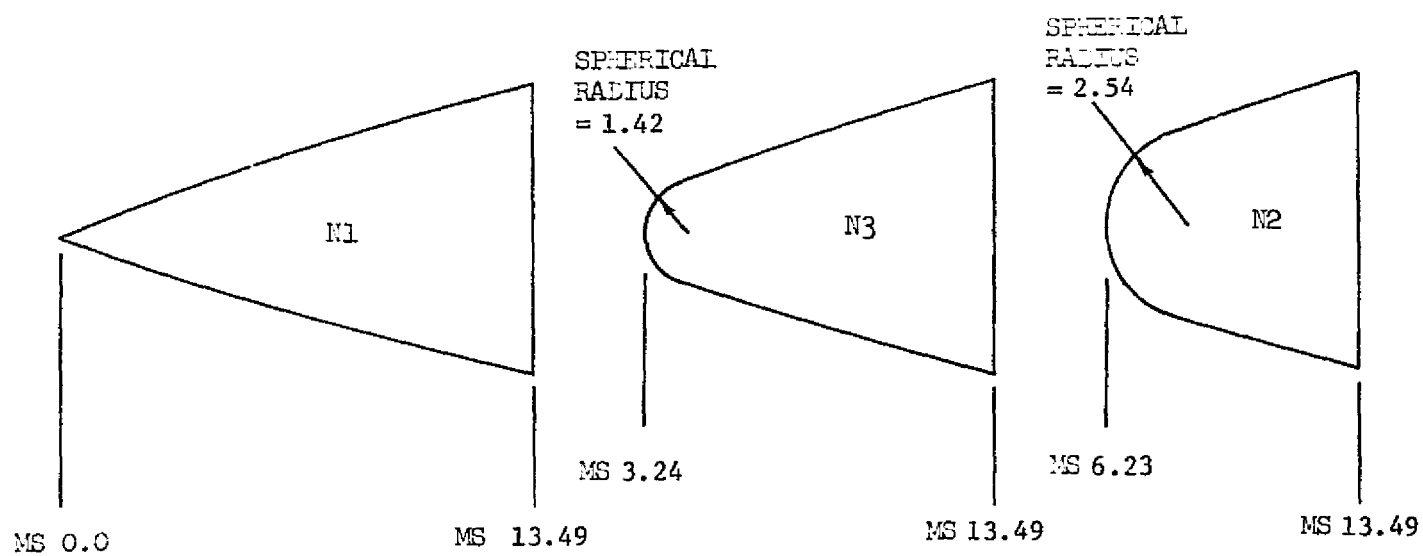
HINGE LINE LOCATION (MS.)	CANARD POSITION
17.03	FWD
23.18	MID
38.10	AFT

HINGE LINE LOCATION (MS.)	TAIL FIN POSITION
107.32	FWD
116.84	MID
126.37	AFT

NOTE: MODEL IS AXIS SYMMETRIC, CANARD
AND TAIL ARE CRUCIFORM CONFIGURA-
TIONS AND MAY BE ALIGNED OR
INTERDIGITATED

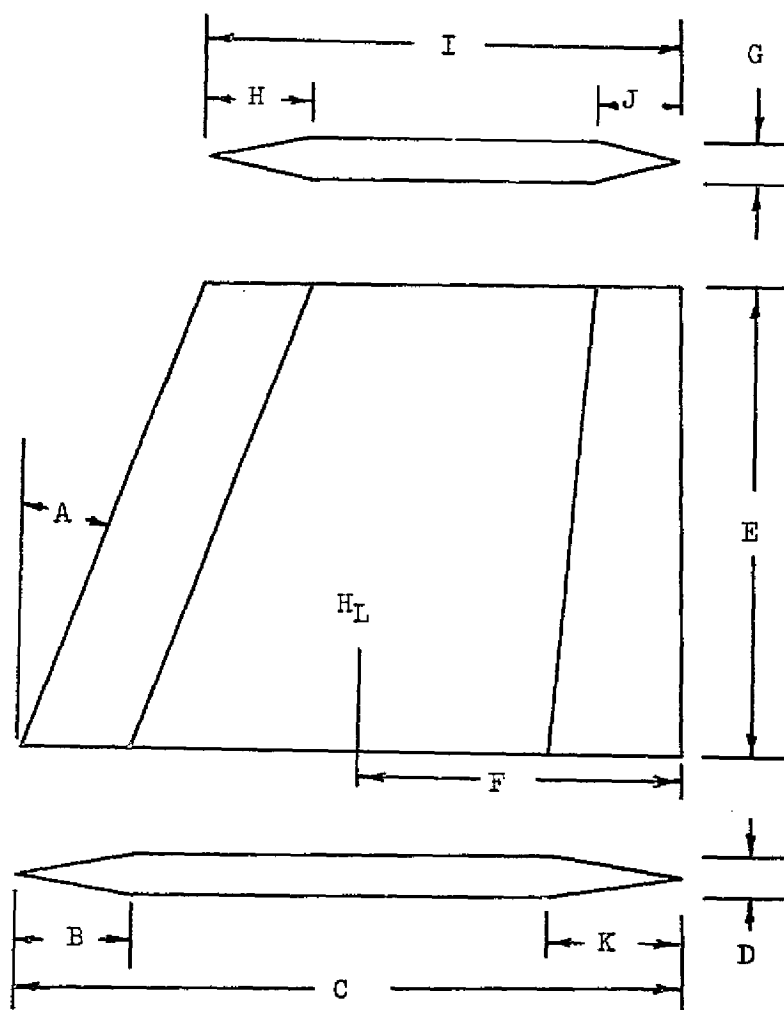
(a) Basic model drawing

Figure 3. - Basic model and components.



(b) Nose configurations

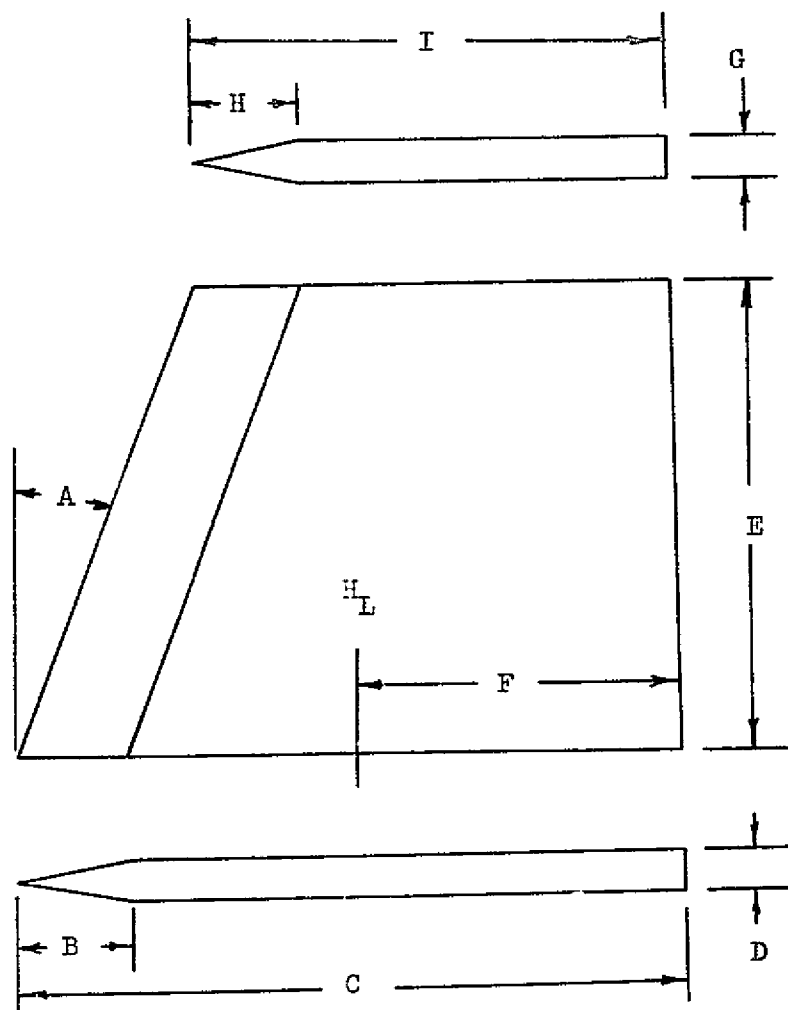
Figure 3. - Continued.



NOTE: SEE TABLE I FOR GEOMETRY OF CONTROL PANELS

(c) Canard configuration

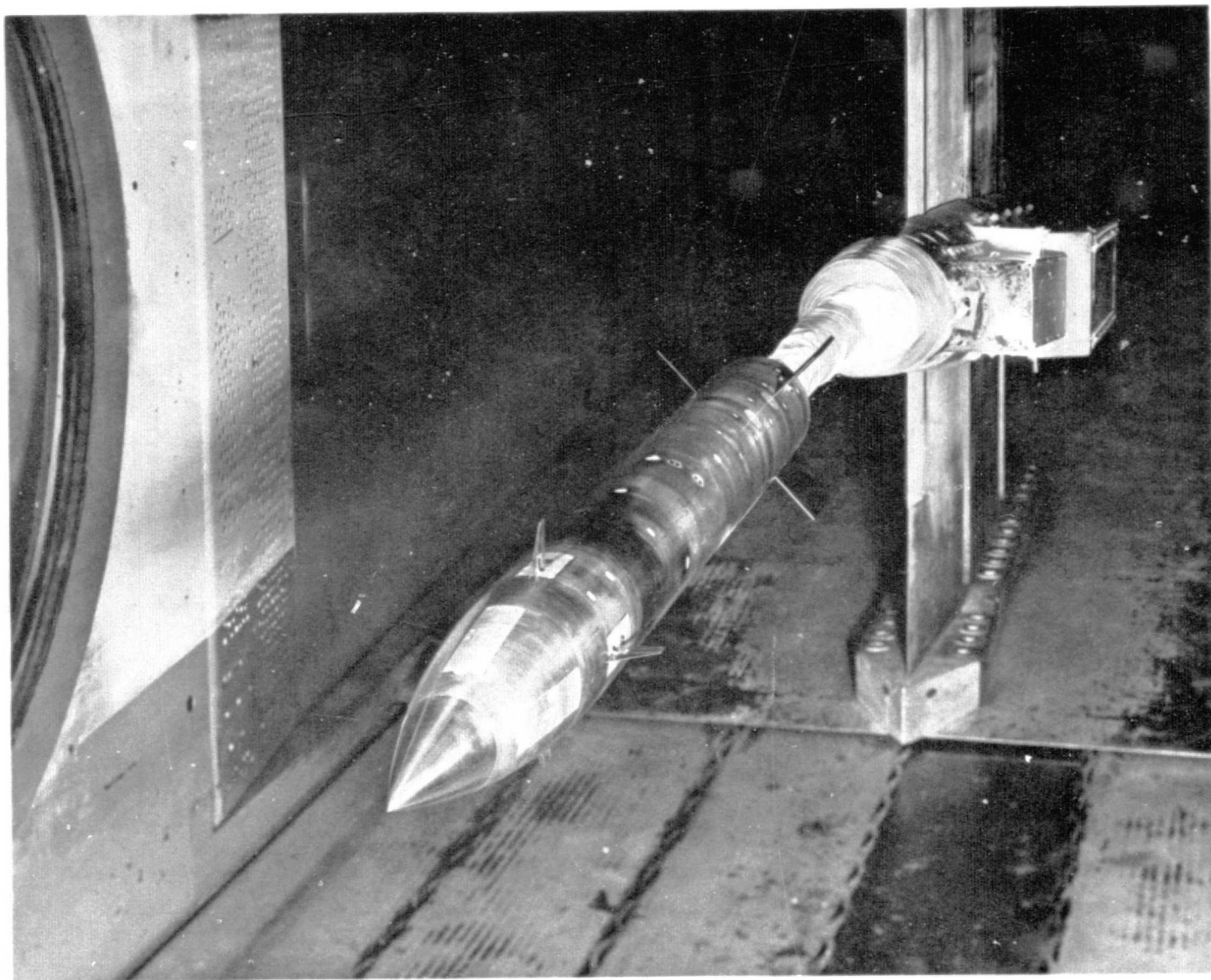
Figure 3. - Continued.



NOTE: SEE TABLE II FOR GEOMETRY OF CONTROL PANELS

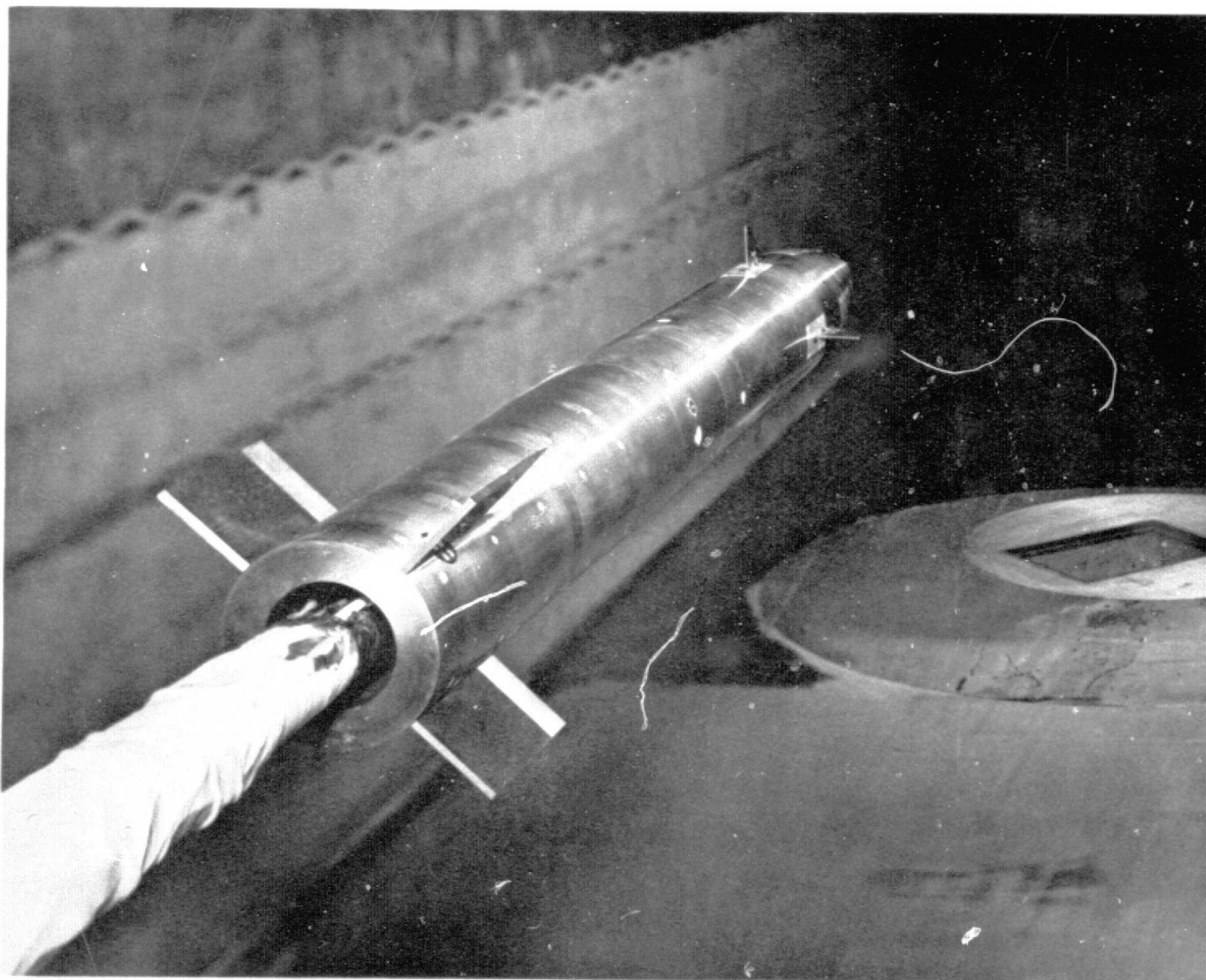
(d) Tail configuration

Figure 3. - Concluded.



(a) Three-quarter front view.

Figure 4. - Model photographs.



(b) Three-quarter rear view

Figure 4. - Concluded.

Data Figures

(DEZ004) CONFIGURATION 2 (BN1)

SYMBOL	MACH	BETA	PARAMETRIC VALUES
○	1.508		
□	2.005		

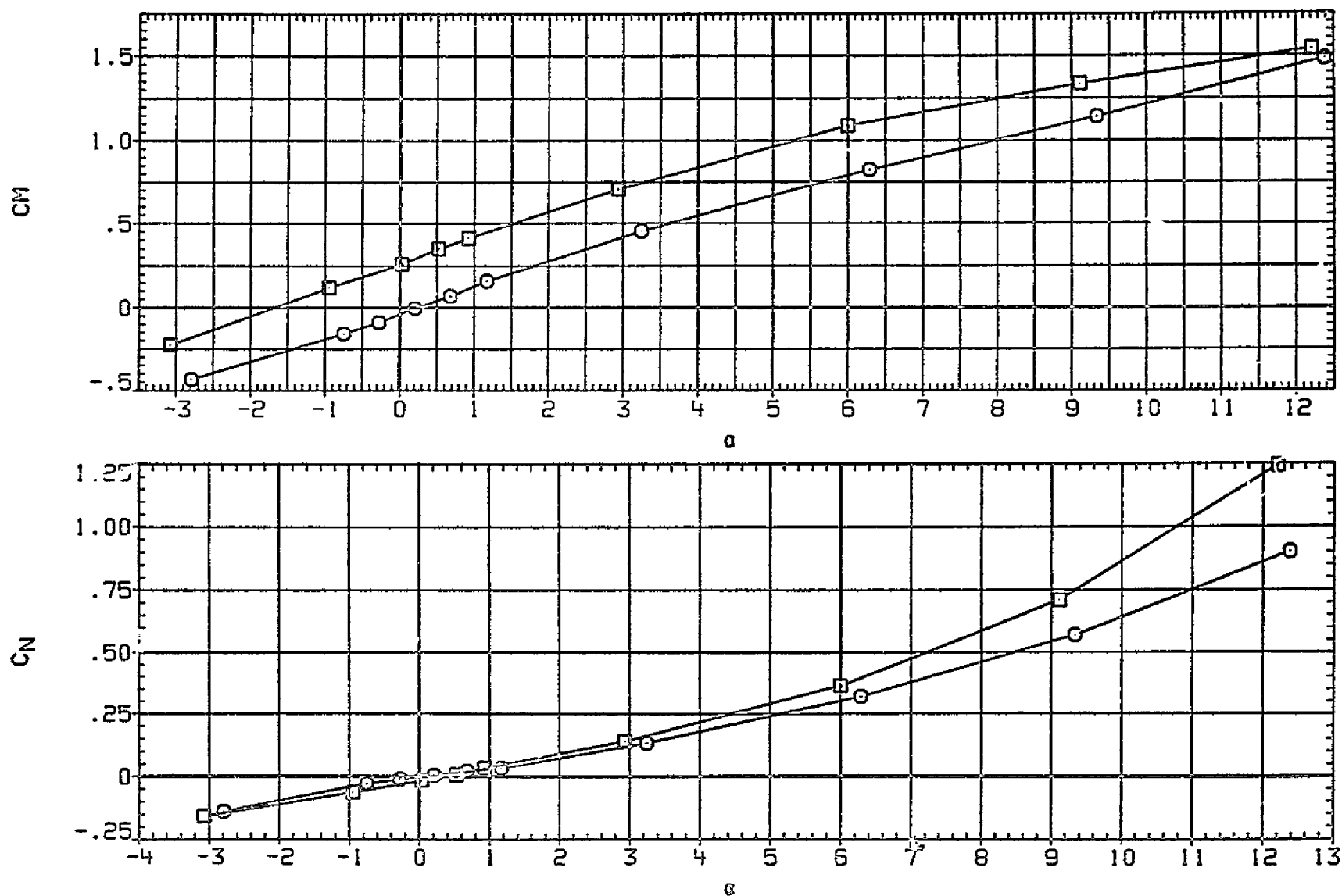


FIG. 5 BODY-ALONE CHARACTERISTICS

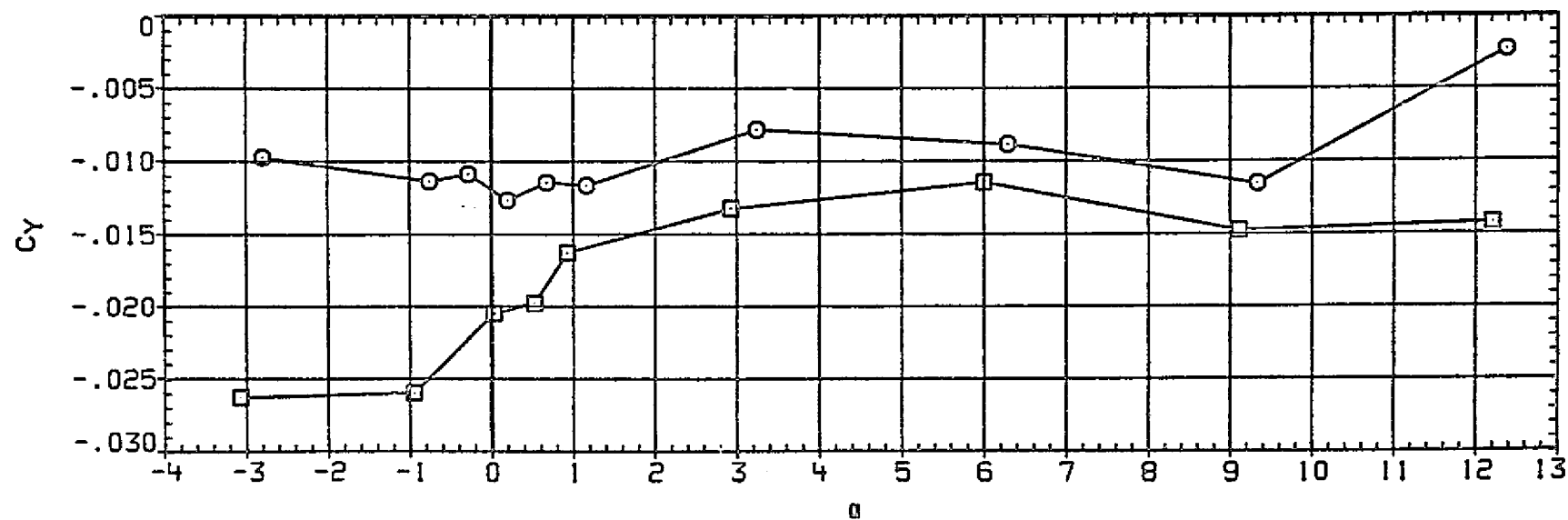
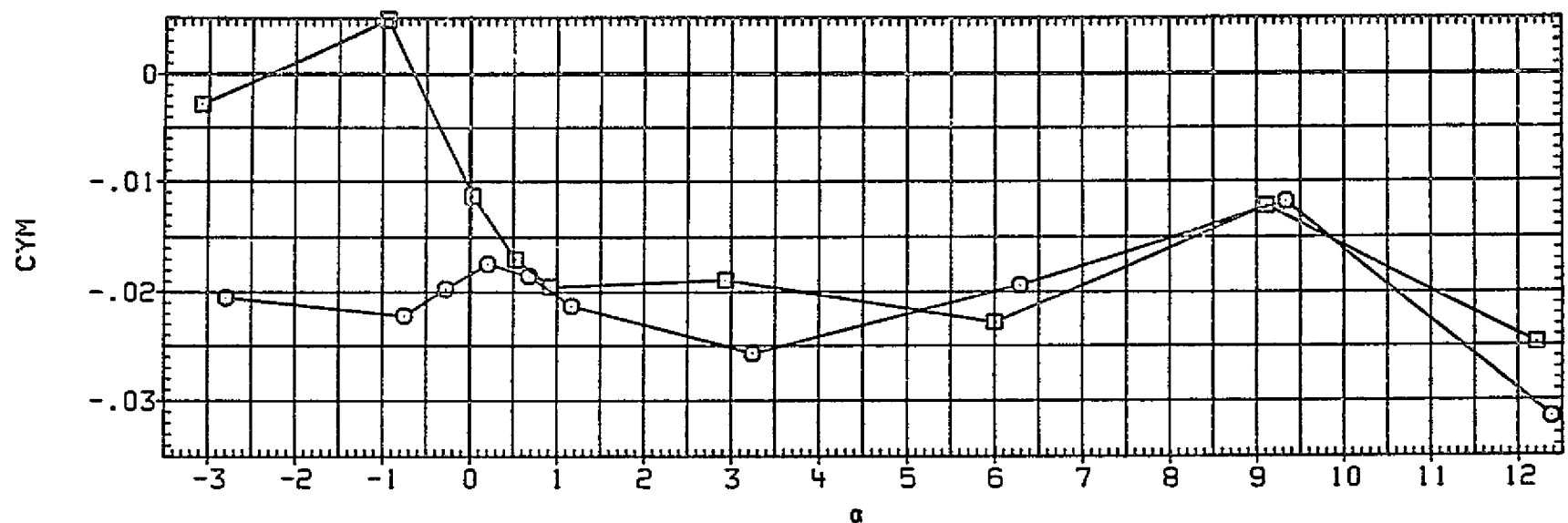


FIG. 5 BODY-ALONE CHARACTERISTICS

(DEZ004) CONFIGURATION 2 (BN1)

SYMBOL	NACH	BETA	PARAMETRIC VALUES
○	1.508		
□	2.005		

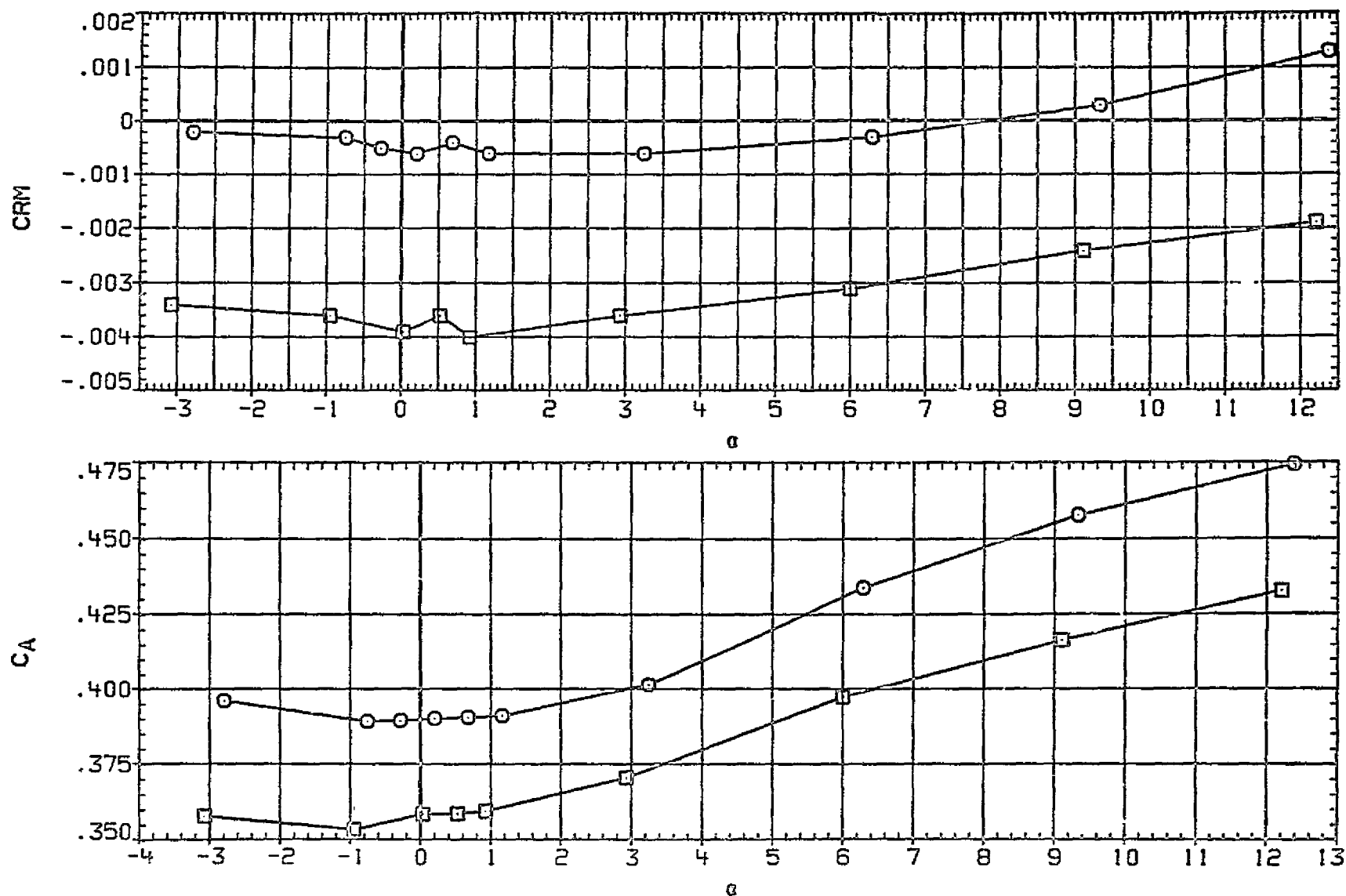


FIG. 5 BODY-ALONE CHARACTERISTICS

(BEZ005) CONFIGURATION 3 (BN171)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.500	BETA	.000
□	CN3	PHI-C	.000	PHI-T	.000
△	CH				
△	CM3				

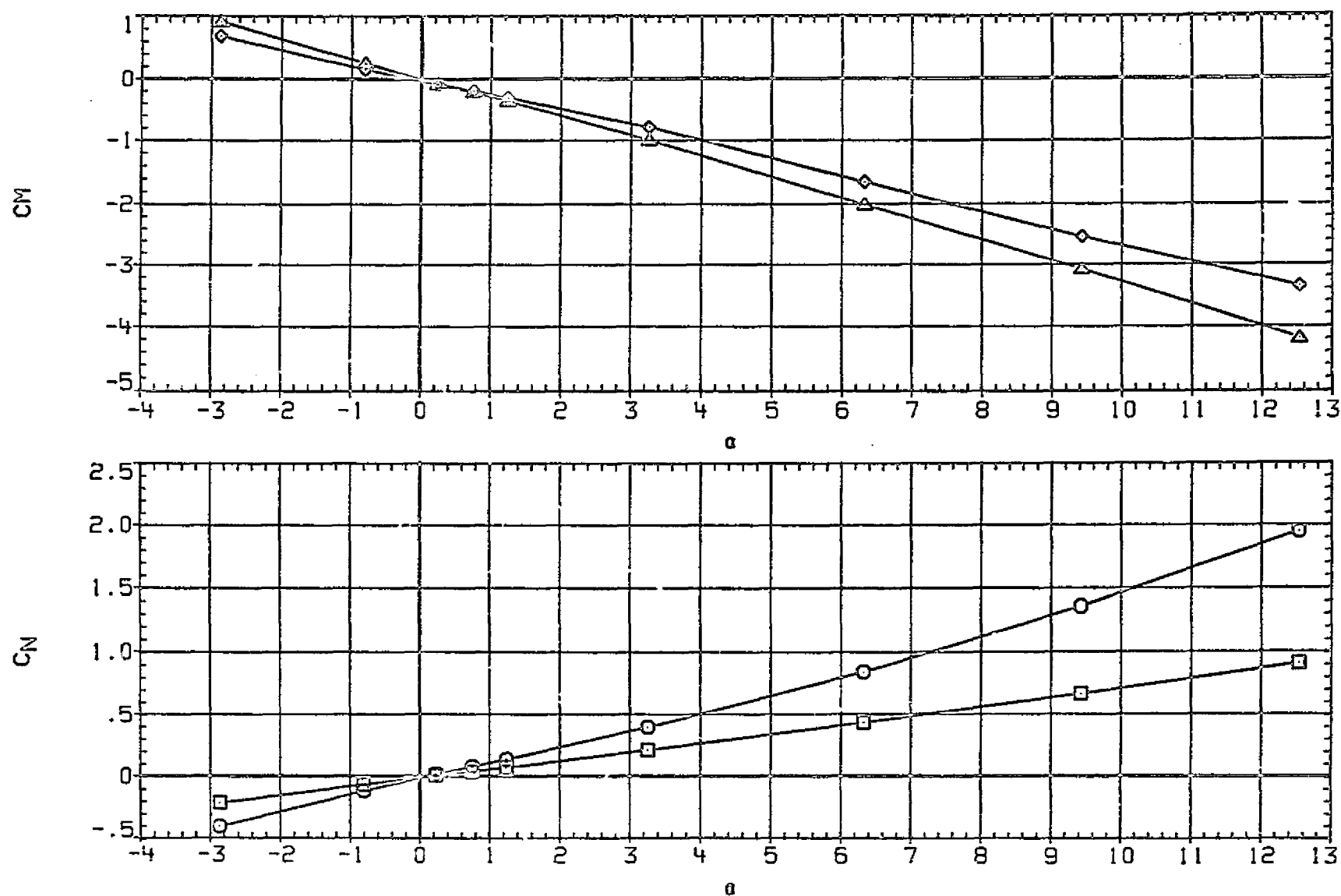


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ005) CONFIGURATION 3 (BN11)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.997	BETA	.000
□	CNS	PHI-C	.000	PHI-T	.000
◇	CM				
△	CMS				

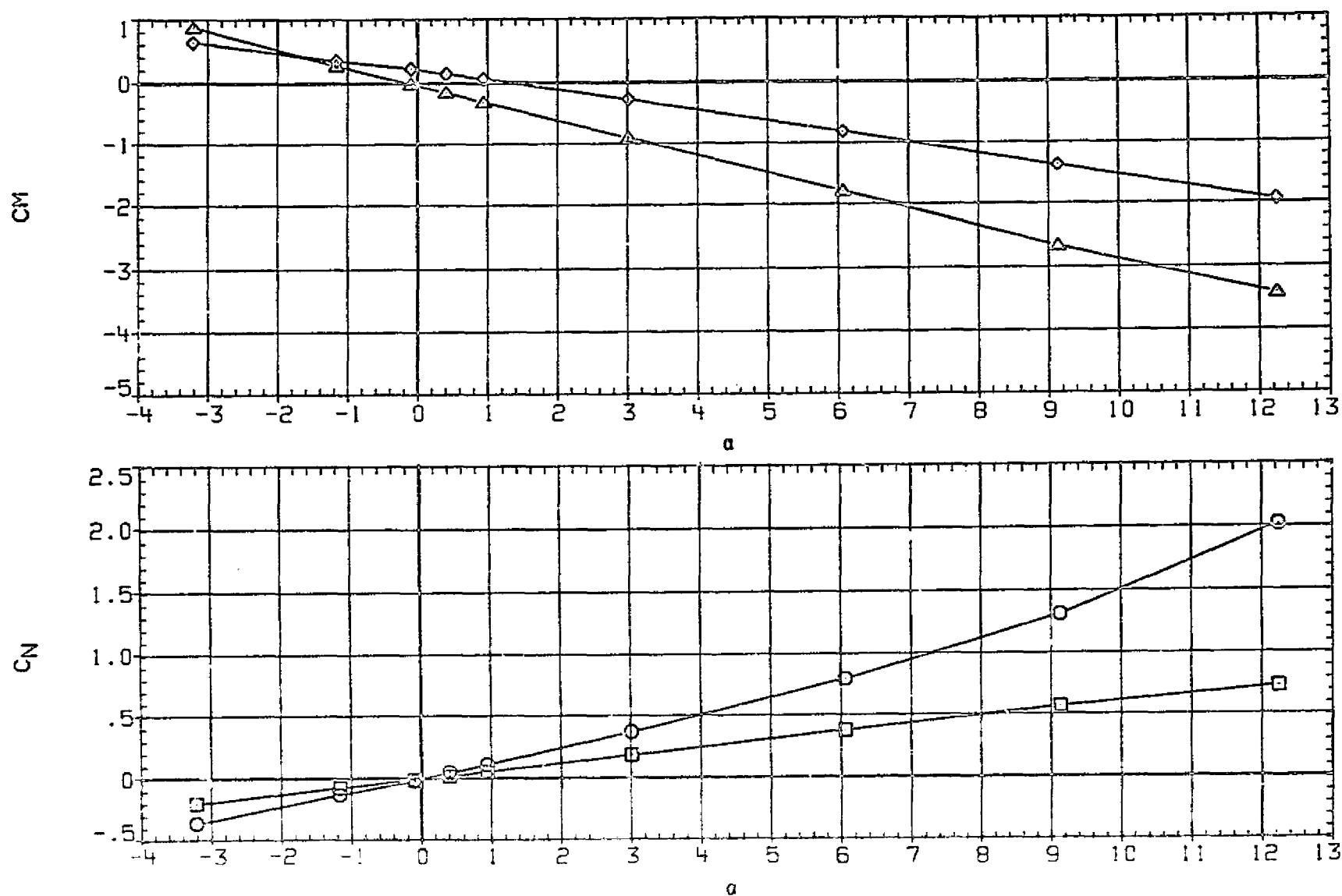


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ005) CONFIGURATION 3 (BNIT1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.500	BETA	.000
□	CYB	FHI-C	.000	FHI-T	.000
◇	CYM				
△	CYB				

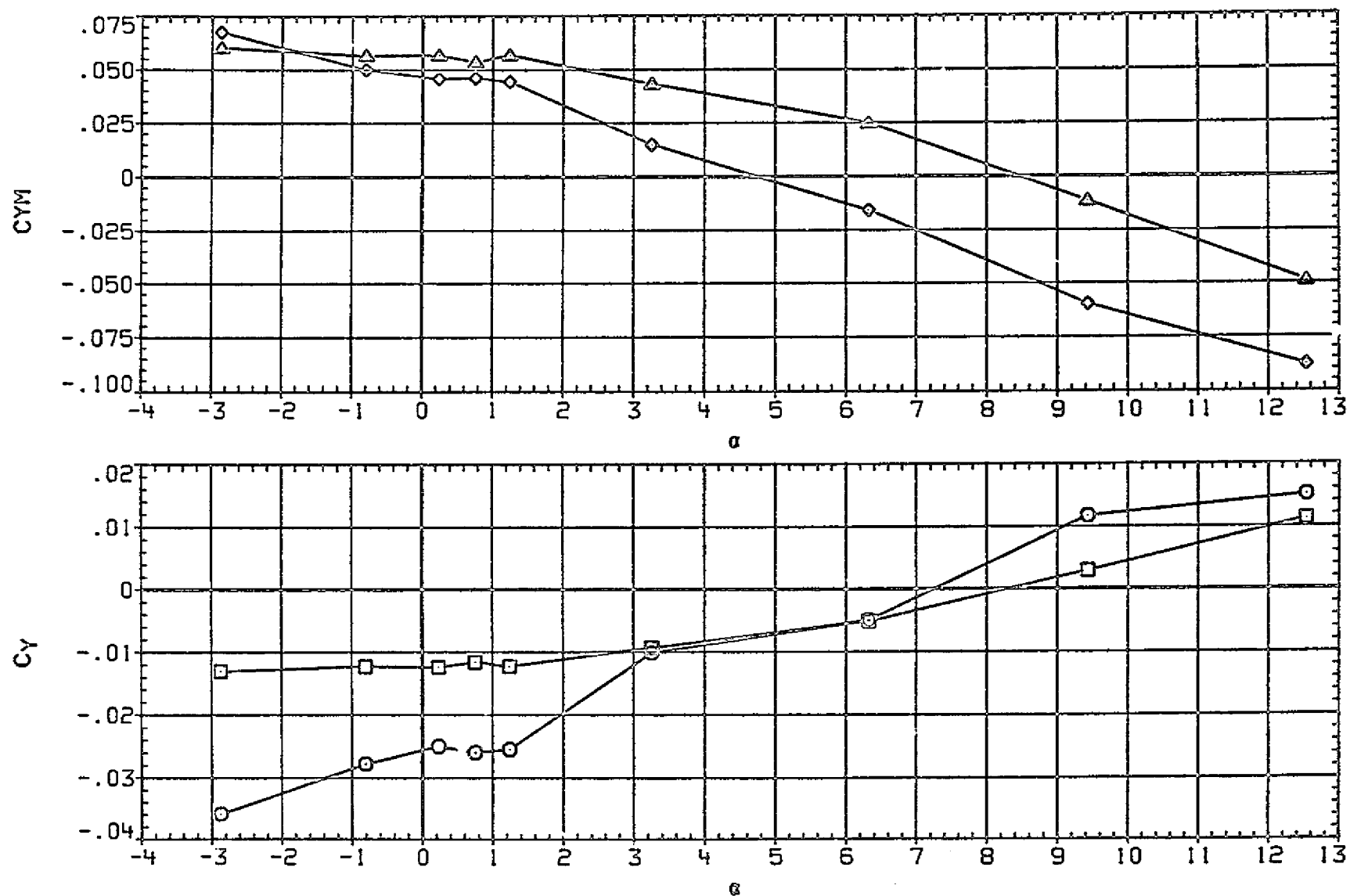


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ005) CONFIGURATION 3 (BNIT1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.997	BETA	.000
□	CYB	PHI-C	.000	PHI-T	.000
◇	CYM				
△	CYMB				

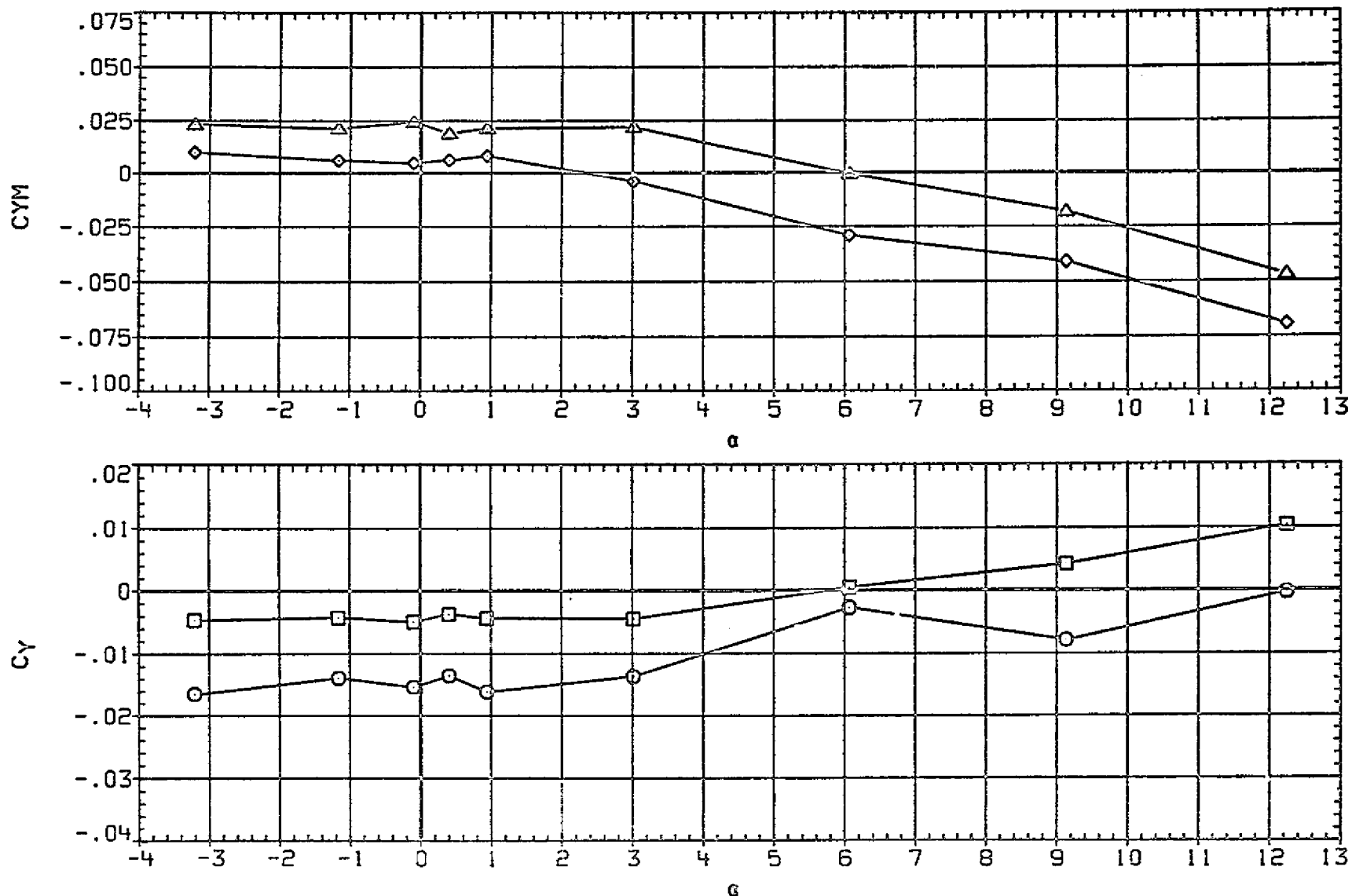


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ005) CONFIGURATION 3 (BNIT1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.500
□	CRM3	BETA .000
○	CA	PHI-C .000
		PHI-T .000

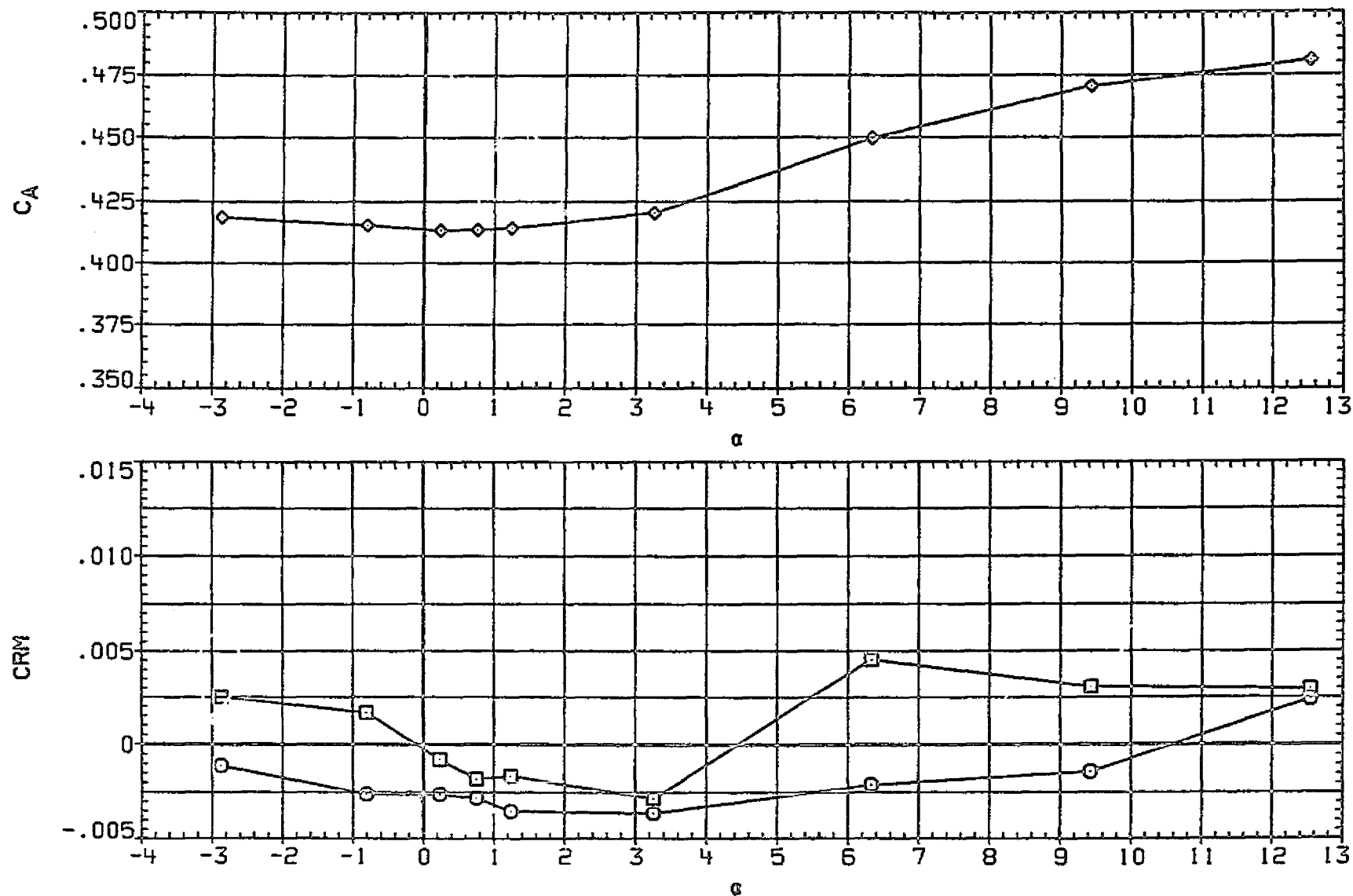


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ005) CONFIGURATION 3 (BN11)

SYMBOL	DATA	PARAMETRIC VALUES			
◇	CRM	MACH	1.997	BETA	.800
□	CRM _B	PHI-C	.000	PHI-T	.000
○	CA				.000

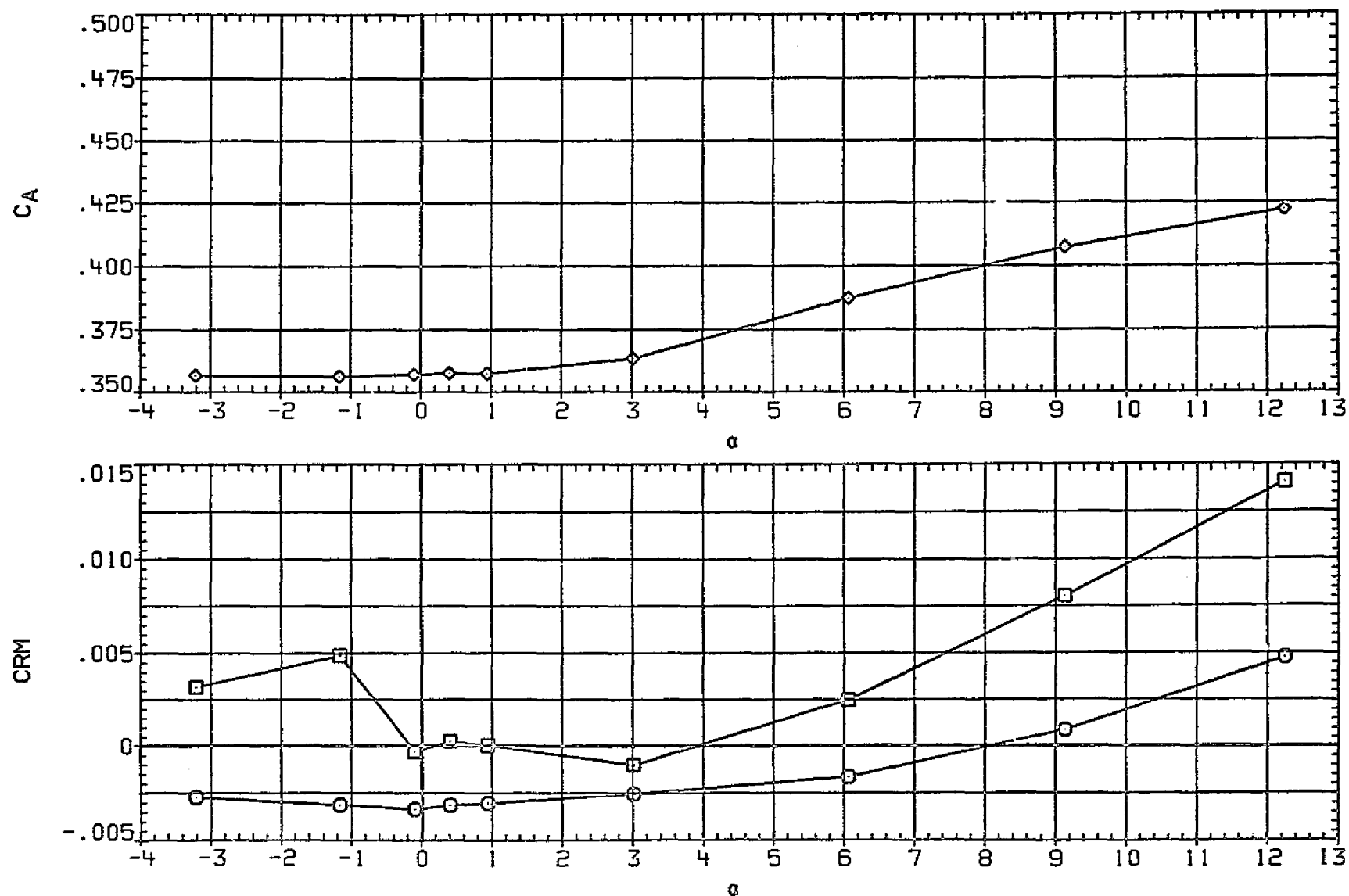


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ006) CONFIGURATION 3 (BNIT1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.501	BETA	.000
□	CN3	PHI-C	45.000	PHI-T	.000
◇	CM				
△	CM3				

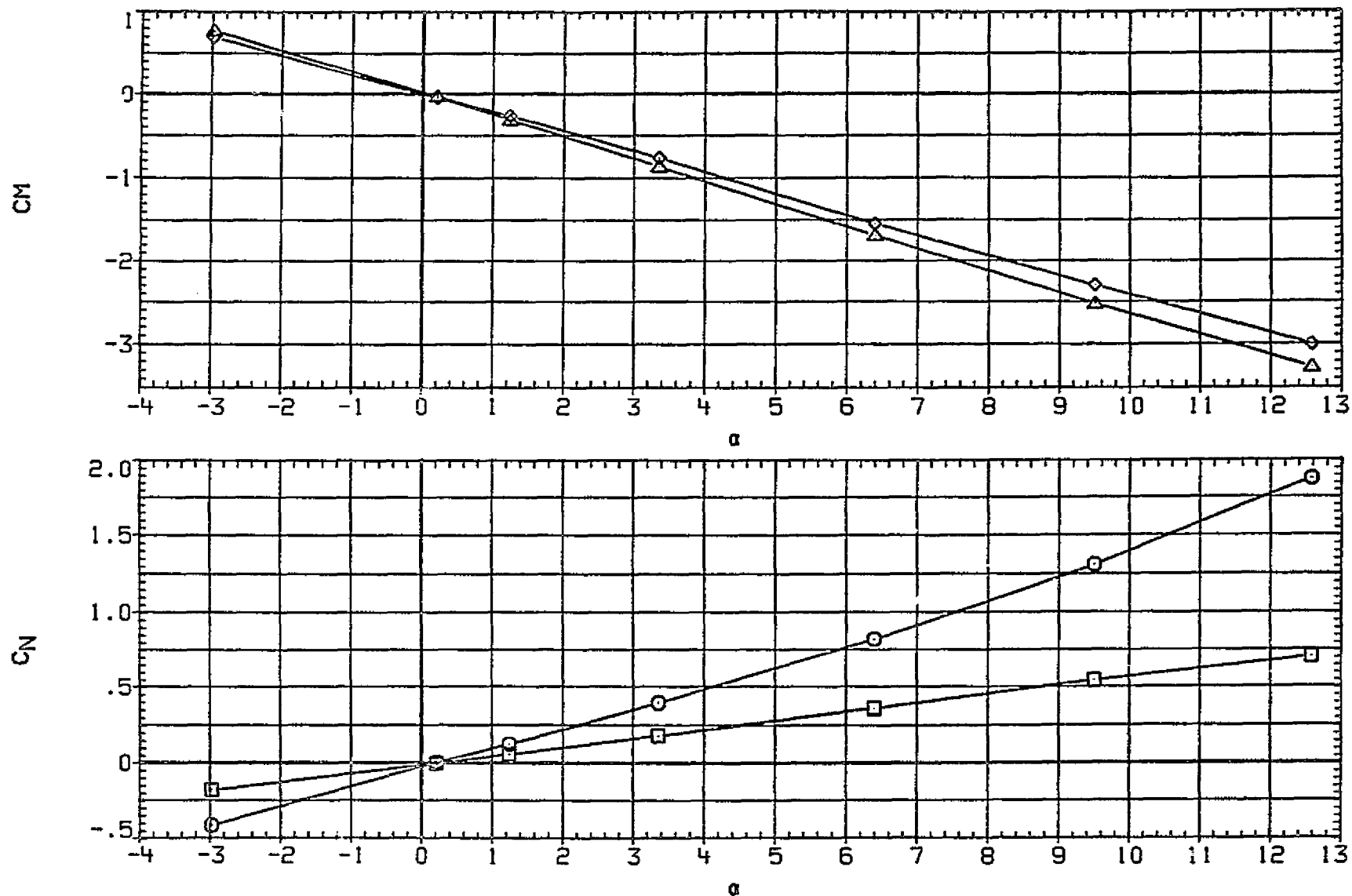


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ006) CONFIGURATION 3 (BN1T1)

SYMBOL	DATA	PARAMETRIC VALUES	
○	CN	MACH	1.992
◇	CNB	PHI-C	45.000
◇	CM	BETA	.000
△	CMB	PHI-T	.000

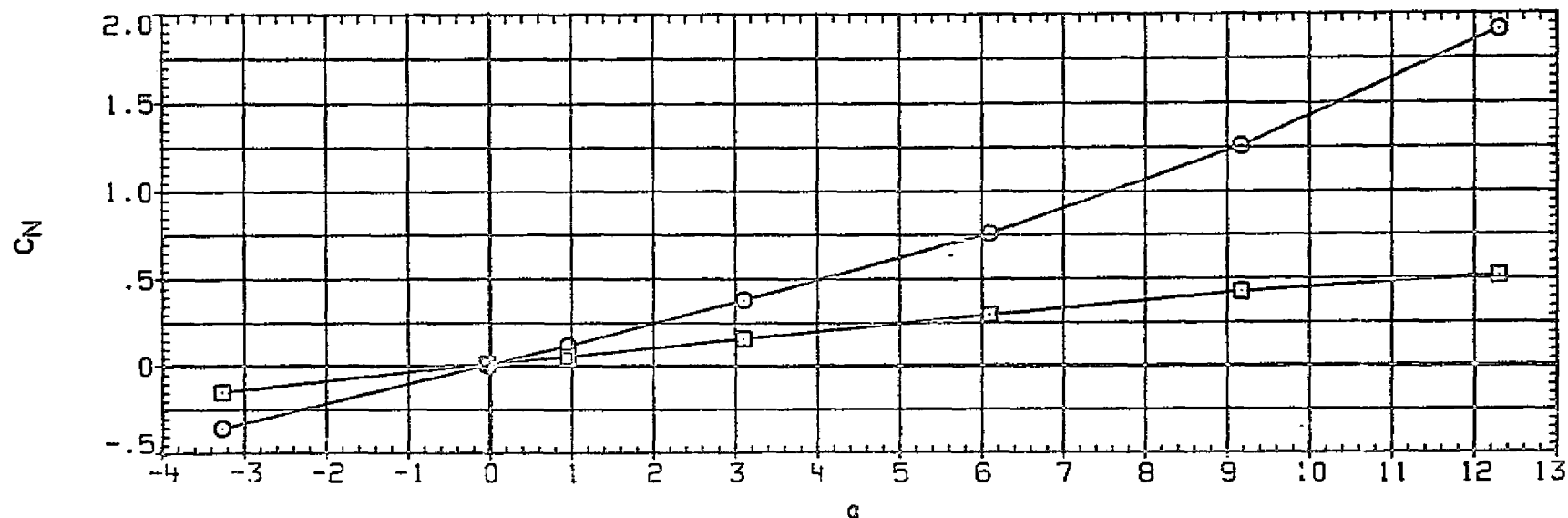
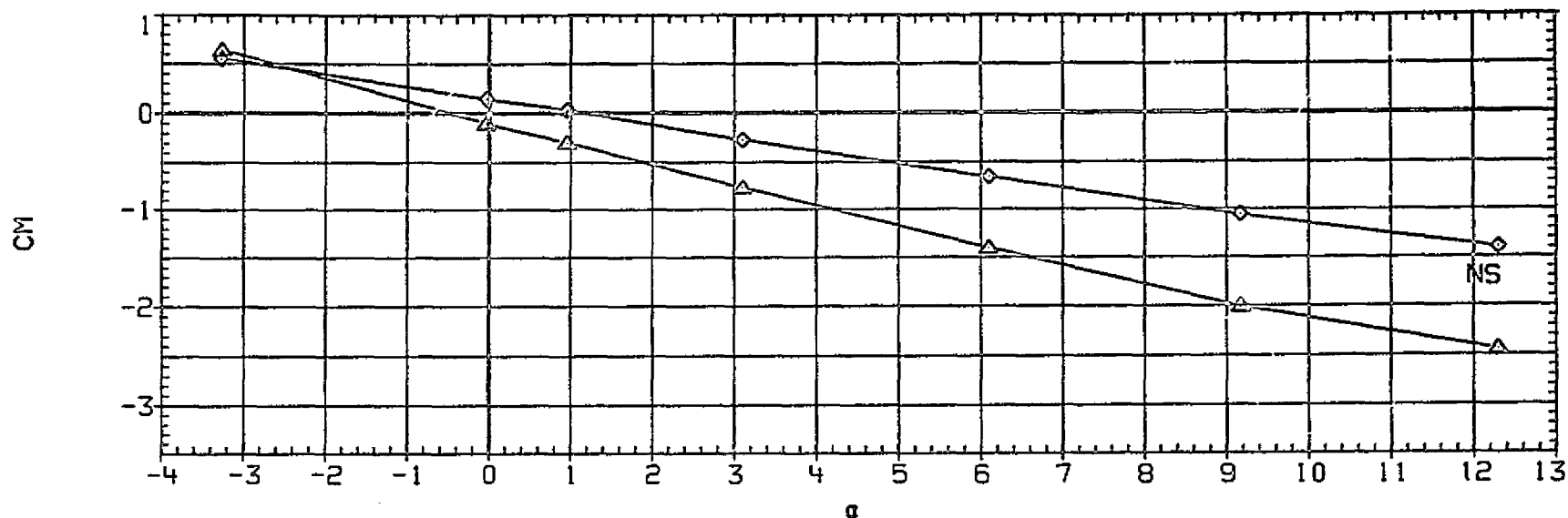


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ006) CONFIGURATION 3 (BNIT1)
 SYK30L DATA PARAMETRIC VALUES
 CY CYB MACH 1.501 BETA .000
 CYM CYB PHI-C 45.000 PHI-T .000
 CYM CYB

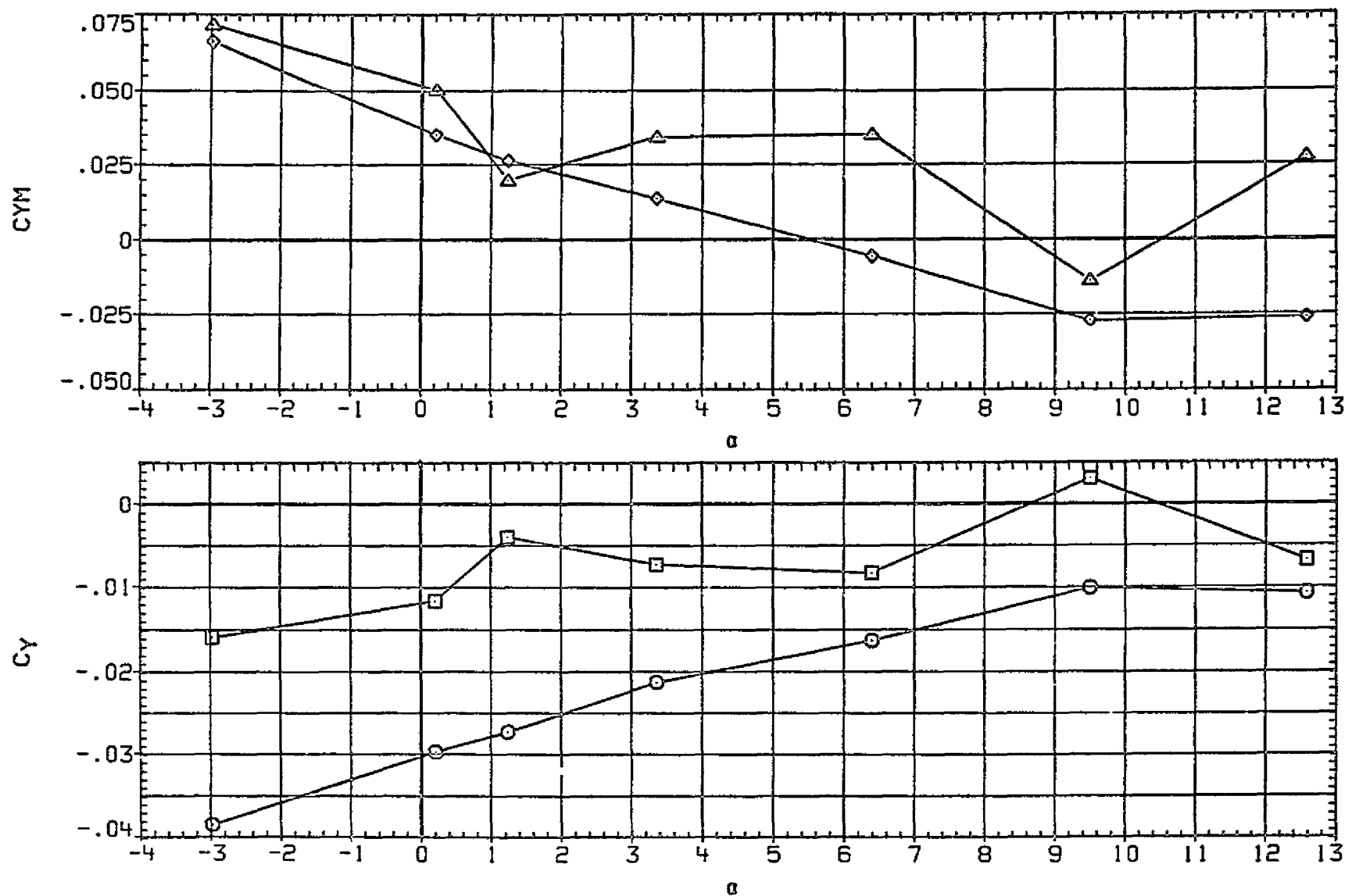


FIG. 6 BODY-FAIR CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ006) CONFIGURATION 3 (BN11)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.992	BETA	.000
□	CYB	PHI-C	45.000	PHI-T	.000
◇	CYM				
△	CYB				

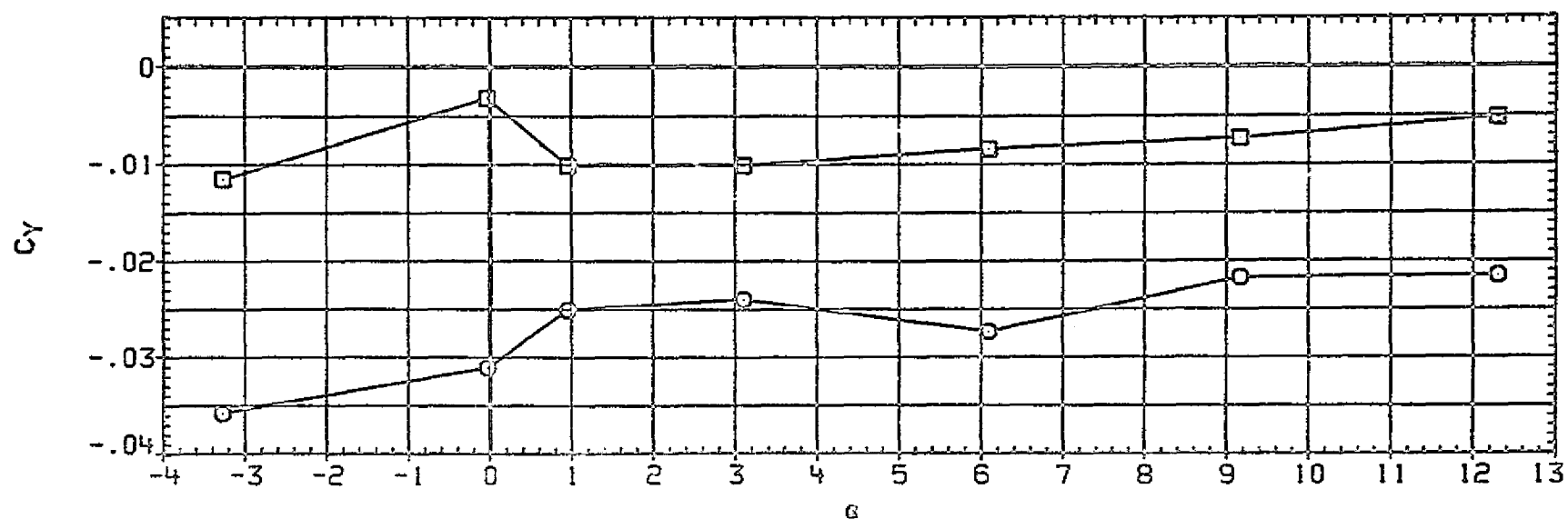
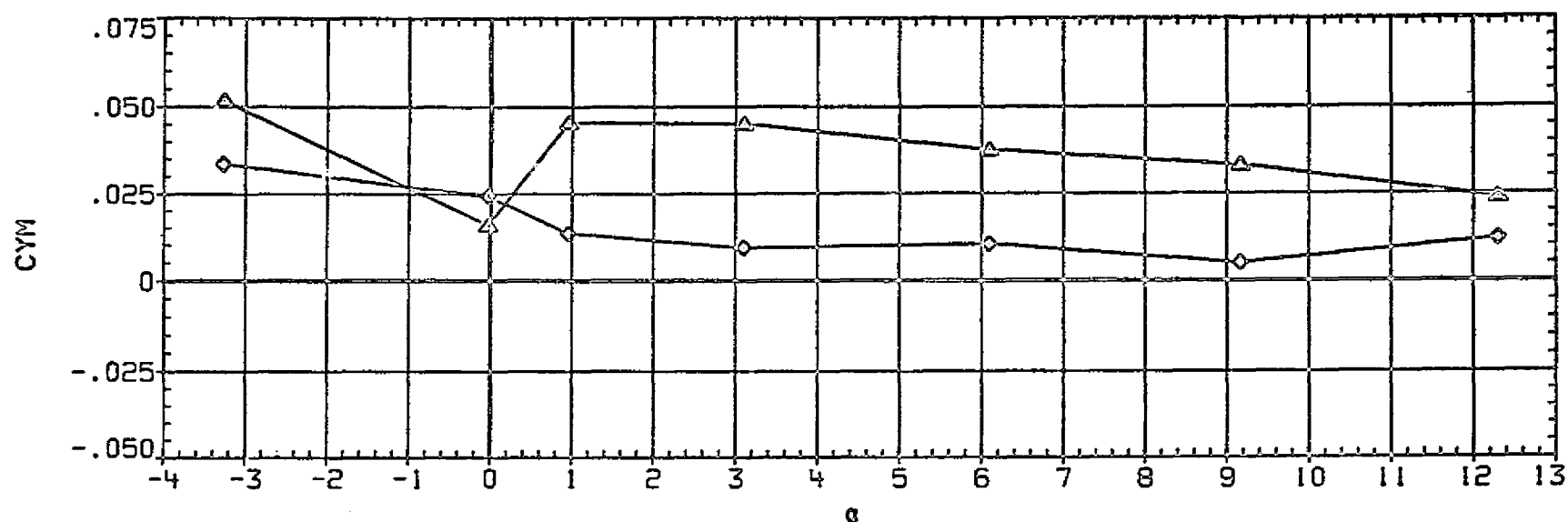


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ006) CONFIGURATION 3 (BNIT1)
 SYMBOL DATA PARAMETRIC VALUES
 □ CRM MACH 1.501 BETA .000
 ○ CRM CRV3 45.000 PHI-T .000
 ◇ CA

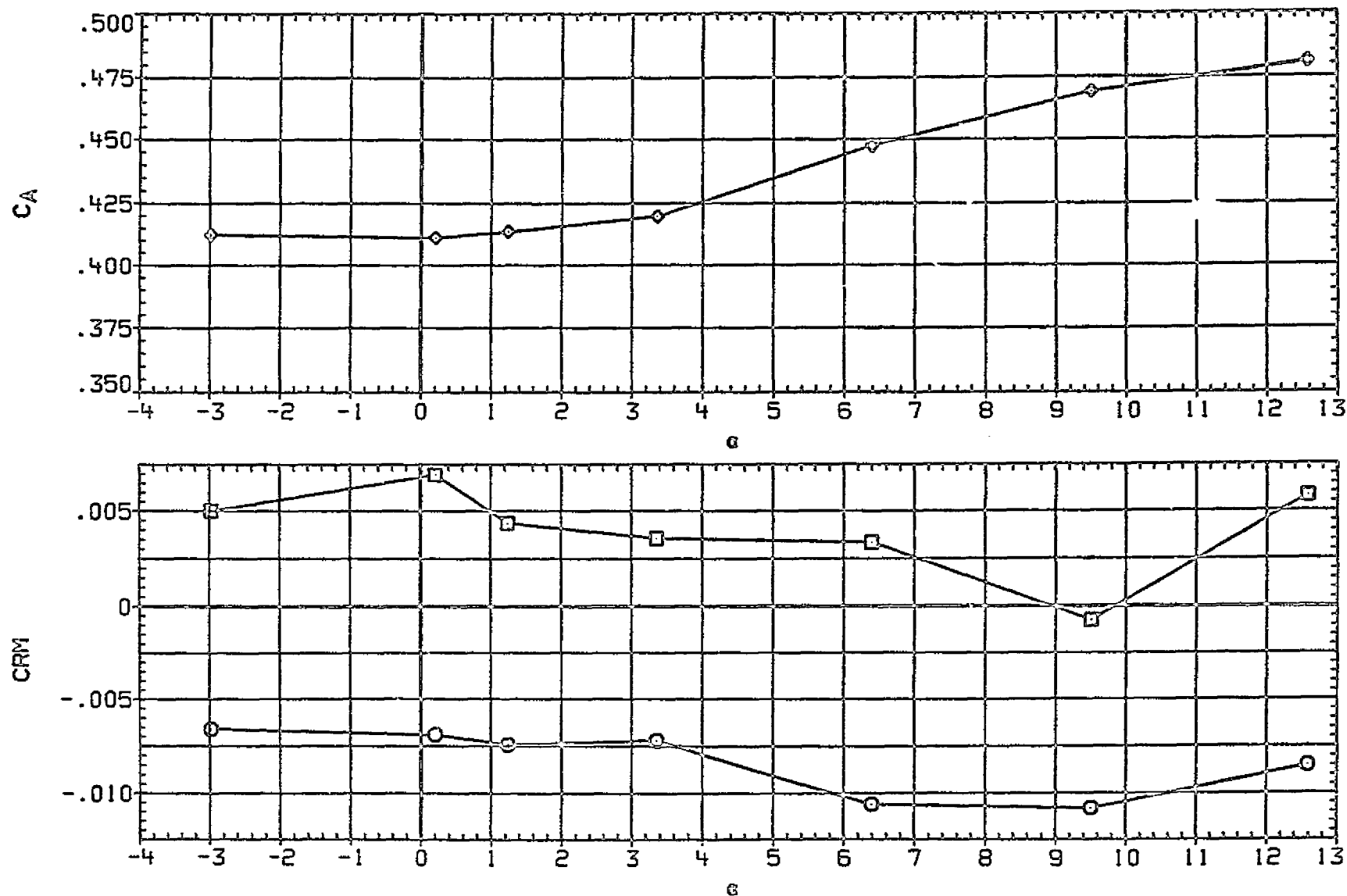


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ006) CONFIGURATION 3 (BN1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
◇◇◇	CRM	MACH	1.932	BETA	.000
◇◇◇	CRM	PHI-C	45.000	PHI-T	.000
◇◇◇	CA				.000

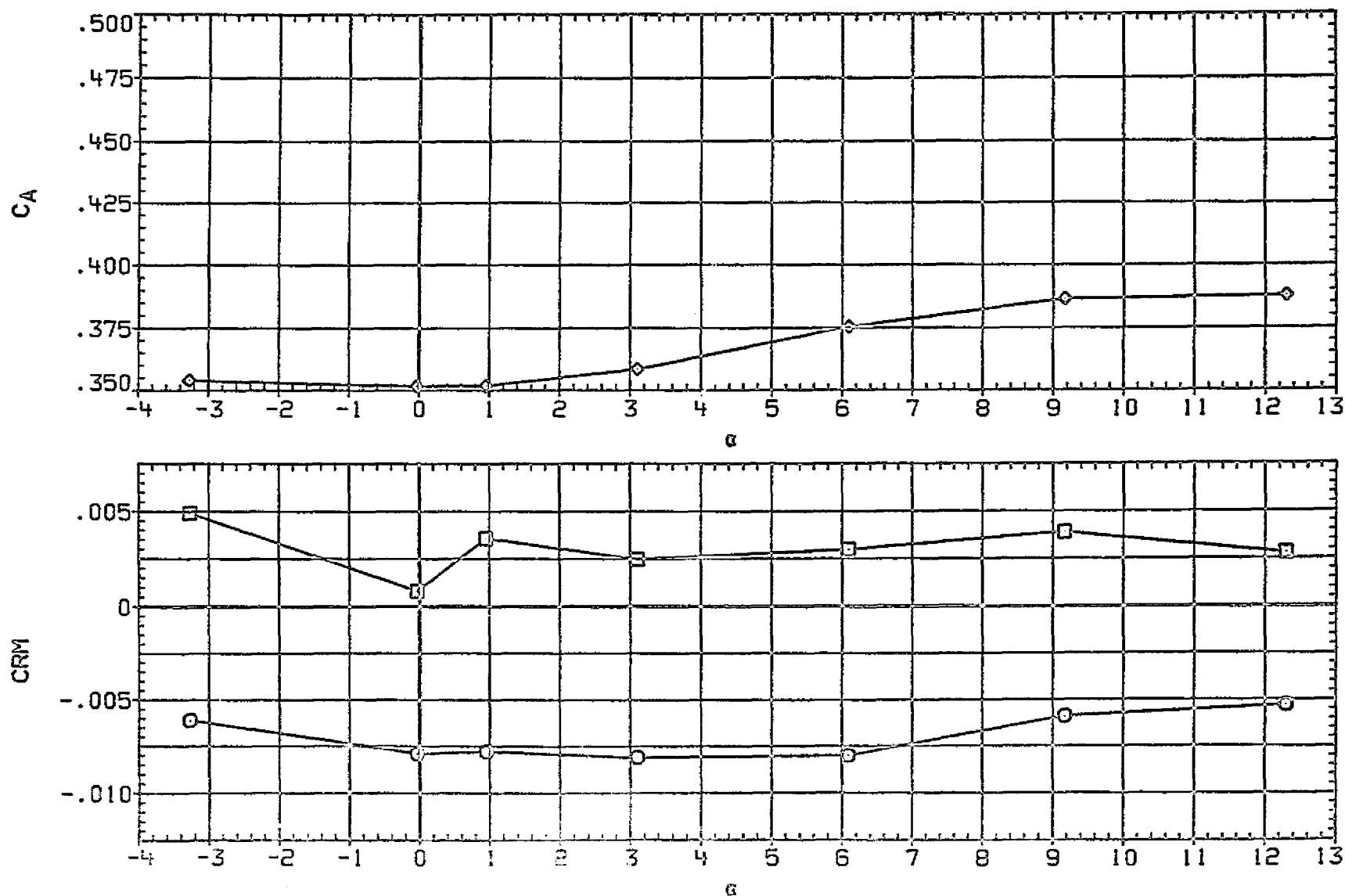


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ211) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CN	MACH 1.501 BETA .000
□	CN3	D1 -3.000 D3 -3.000
△	CM	D2 -3.000 D4 -3.000
△	CM3	D1-3 -3.000 D2-4 -3.000
		PHI-C 45.000

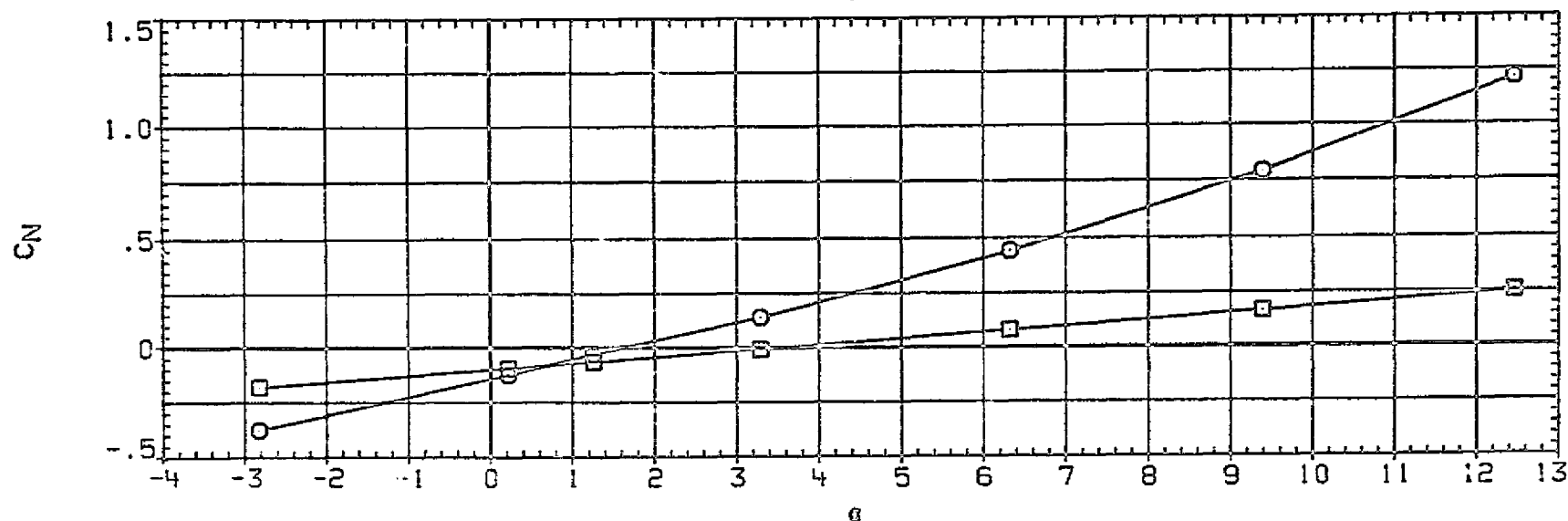
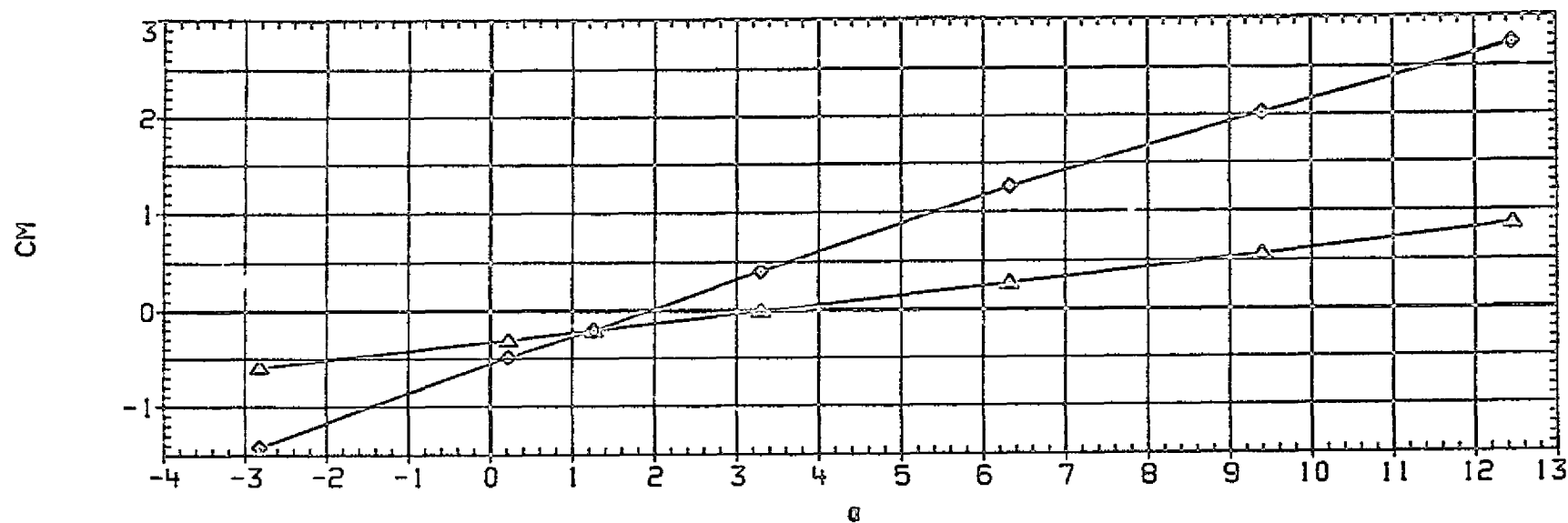


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ211) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.928
□	CN3	D1 -3.000
◇	CM	D2 -3.000
△	CMB	D1-3 -3.000
		PHI-C 45.000
		BETA .000
		D3 -3.000
		D4 -3.000
		D2-4 -3.000

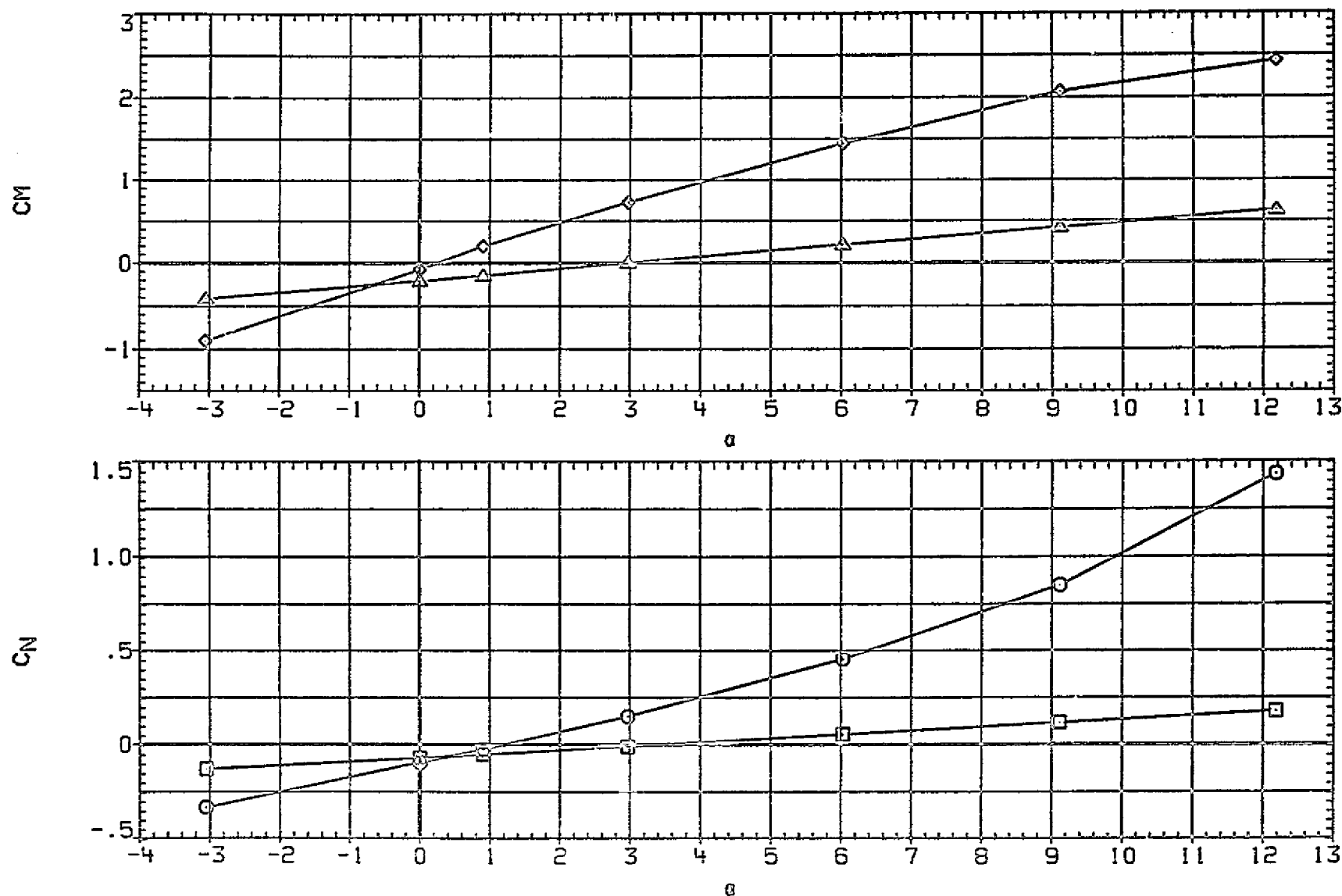


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ211) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.501 BETA .000
□	CYB	D1 -3.000 D3 -3.000
◇	CYM	D2 -3.000 D4 -3.000
△	CYB	D1-3 -3.000 D2-4 -3.000
	PHI-C	45.000

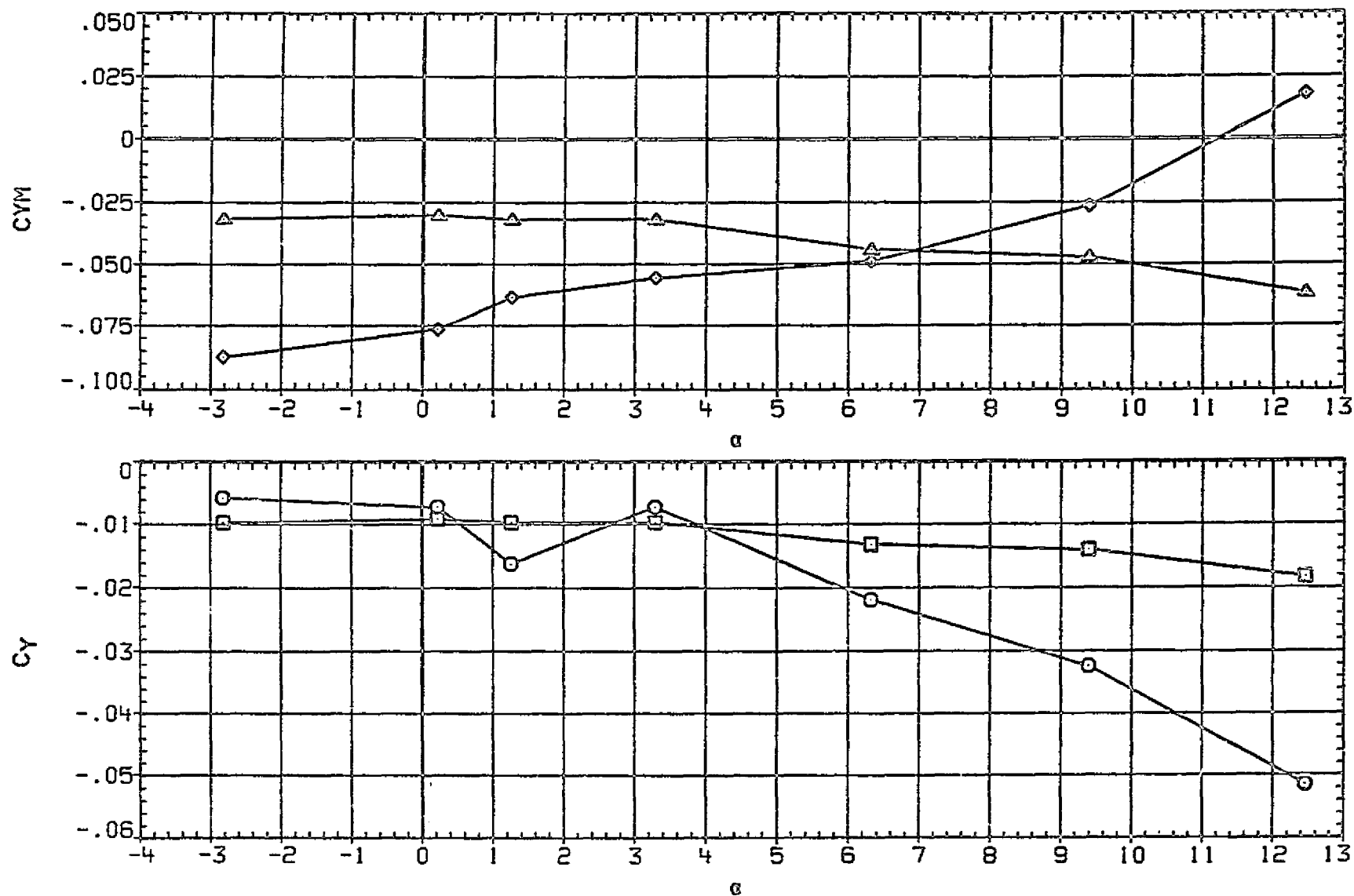


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIO

(BEZ211) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.999 BETA .000
□	CYB	D1 -3.000 D3 -3.000
◇	CYM	D2 -3.000 D4 -3.000
△	CYM3	D1-3 -3.000 D2-4 -3.000
		PHI-C 45.000

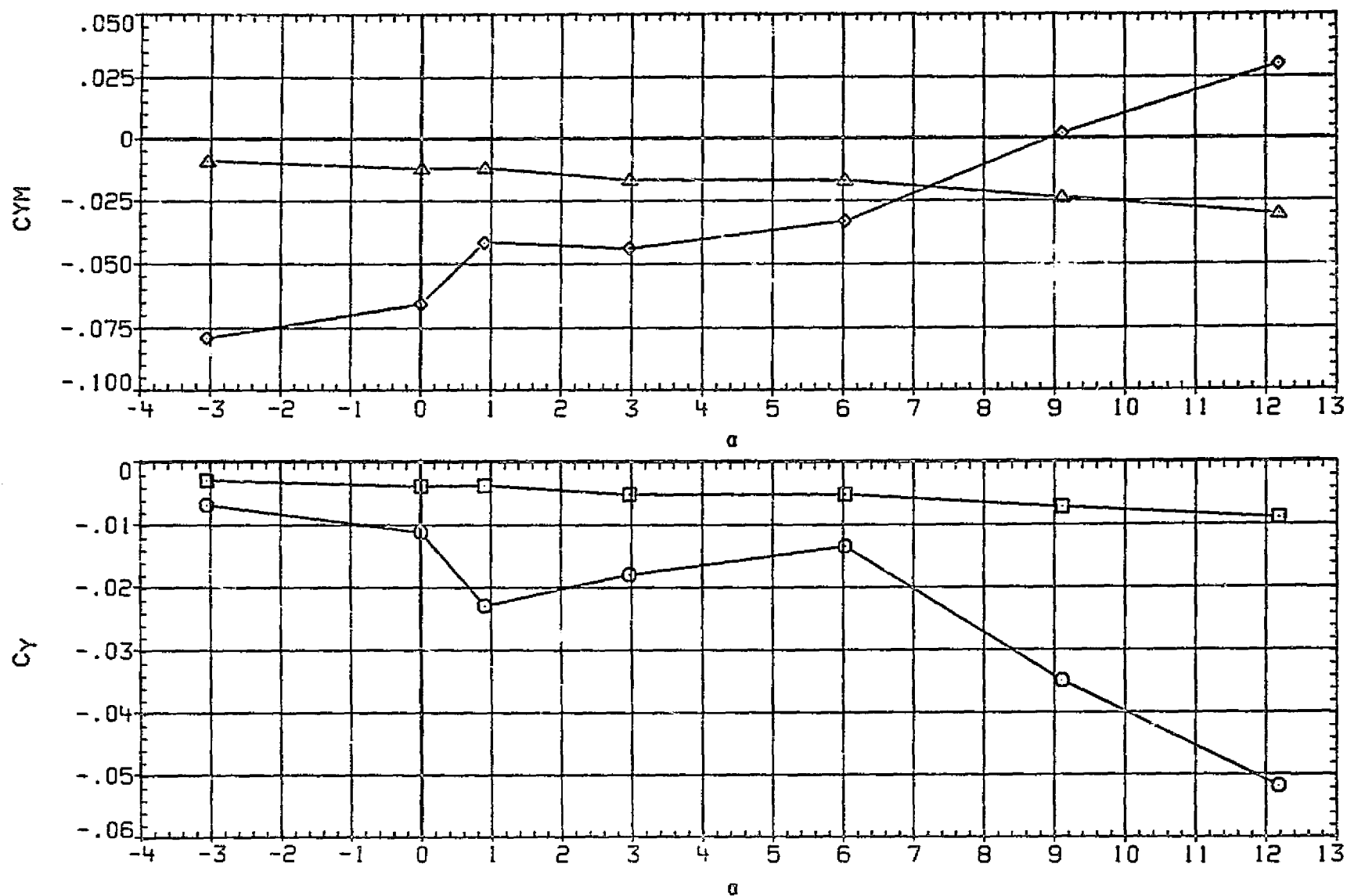


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ211) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.501 BETA .000
◇	CRM	D1 -3.000 D3 -3.000
◇	CA	D2 -3.000 D4 -3.000
		D1-3 -3.000 D2-4 -3.000
		PHI-C 45.000

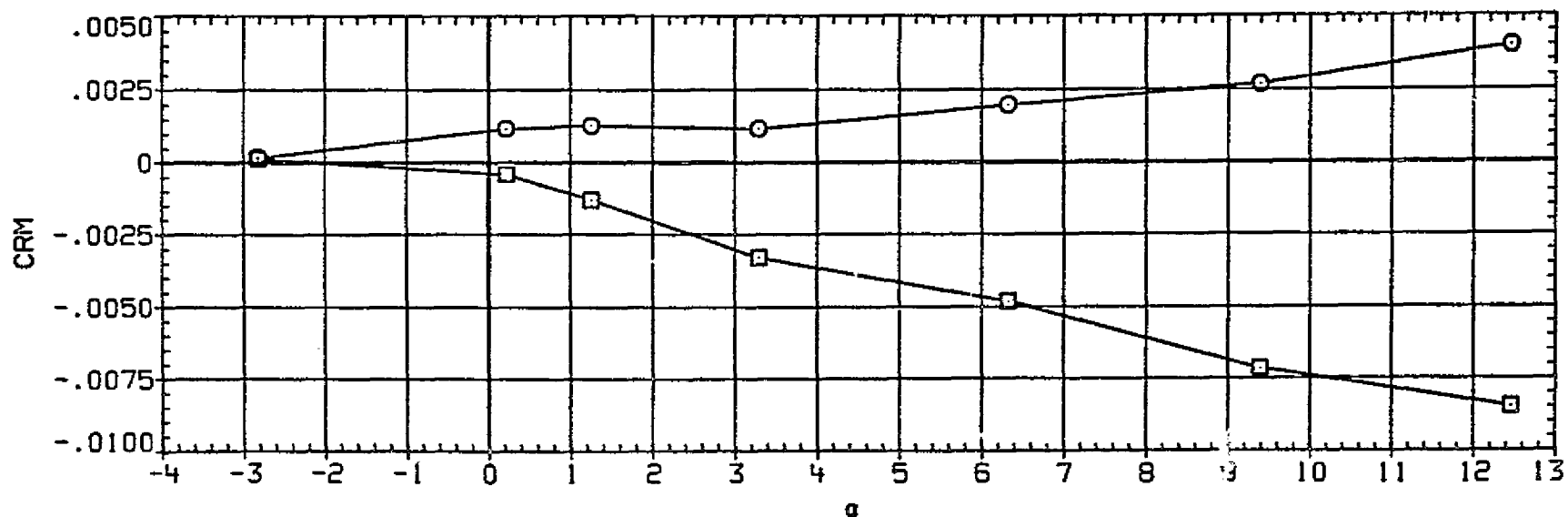
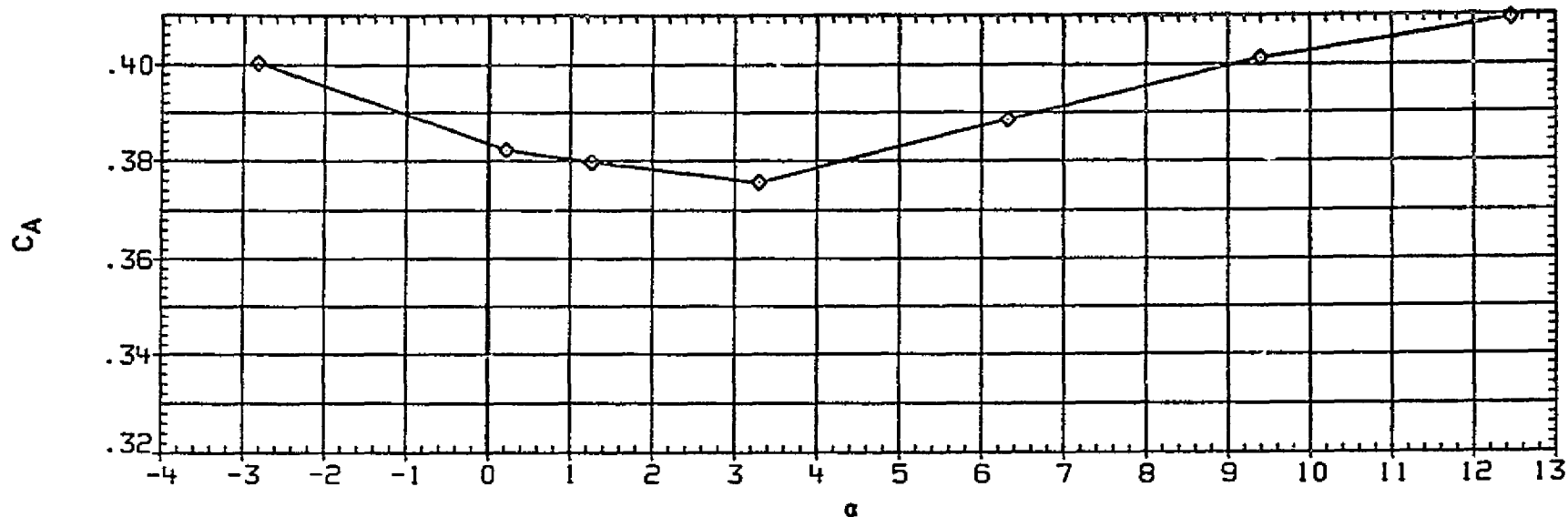


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ211) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.998 BETA .000
□	CRM	D1 -3.000 D3 -3.000
◇	CA	D2 -3.000 D4 -3.000
		D1-3 -3.000 D2-4 -3.000
		PHI-C 45.000

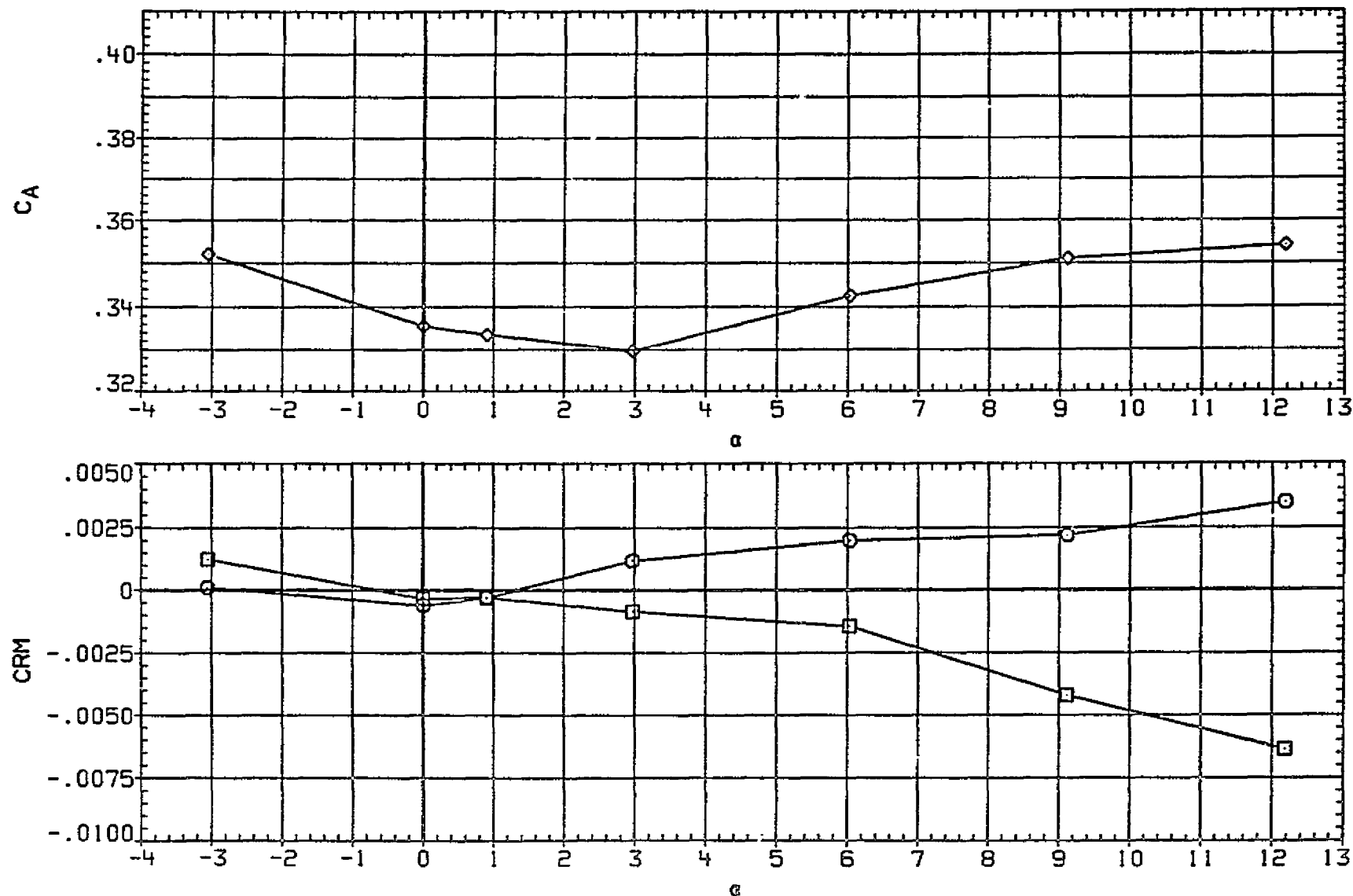


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BE2212) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETER	VALUES
○	CN	MACH	1.501
□	CNB	D1	.000
◇	CN	D2	.000
△	CNB	D1-3	.000
		PHI-C	45.000
		BETA	.000
		D3	.000
		D4	.000
		D2-4	.000

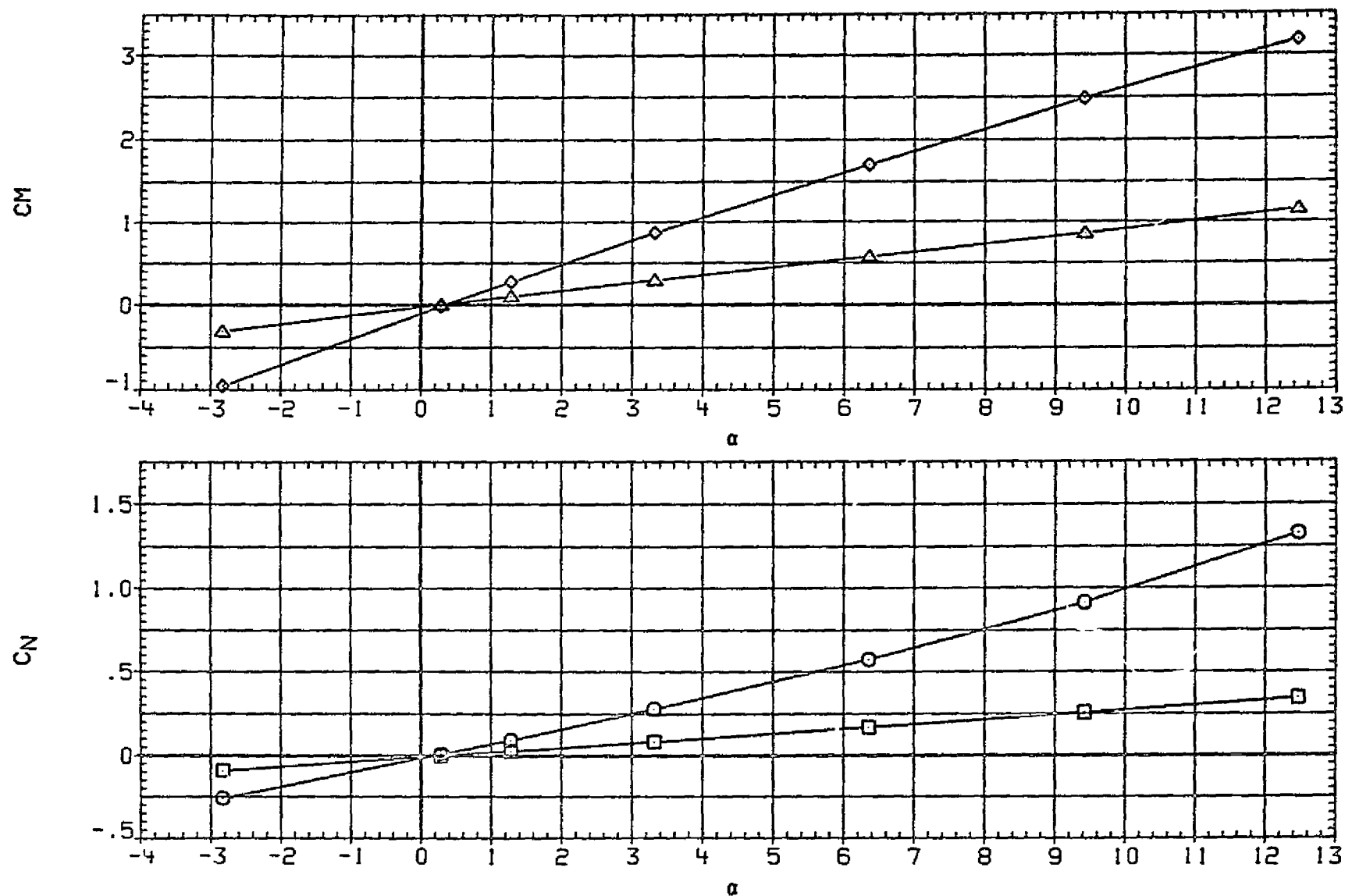


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ212) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.992 BETA .000
□	CNS	D1 .000 D3 .000
◇	CH	D2 .000 D4 .000
△	CMS	D1-3 .000 D2-4 .000
		PHI-C 45.000

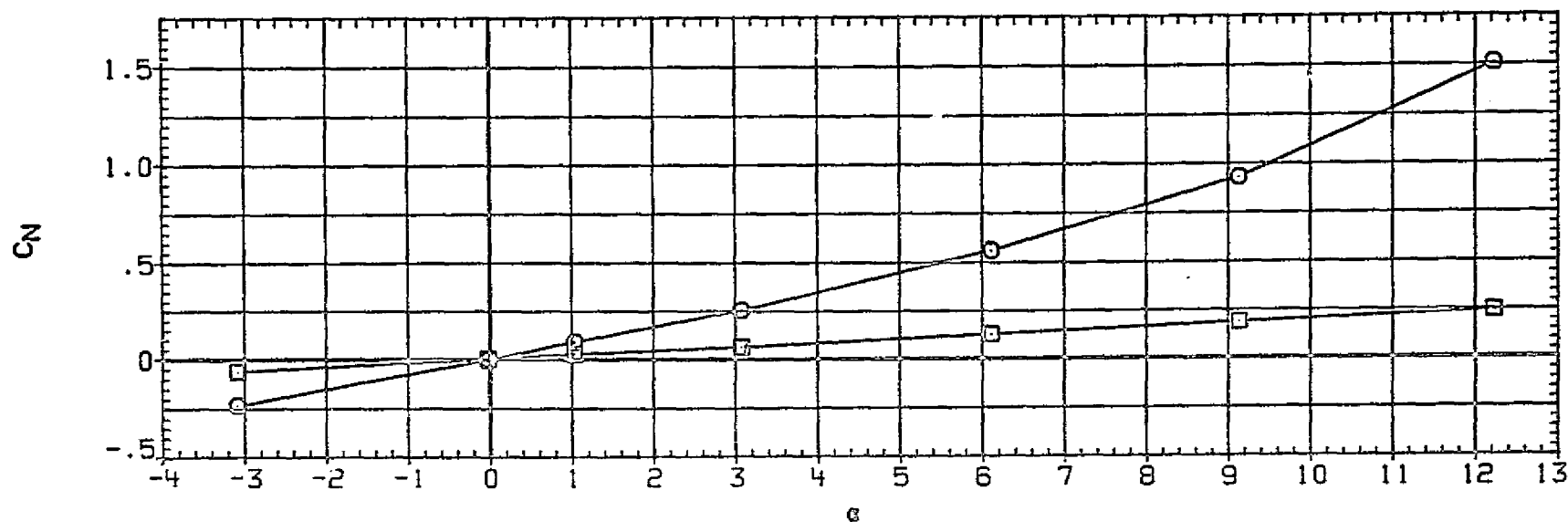
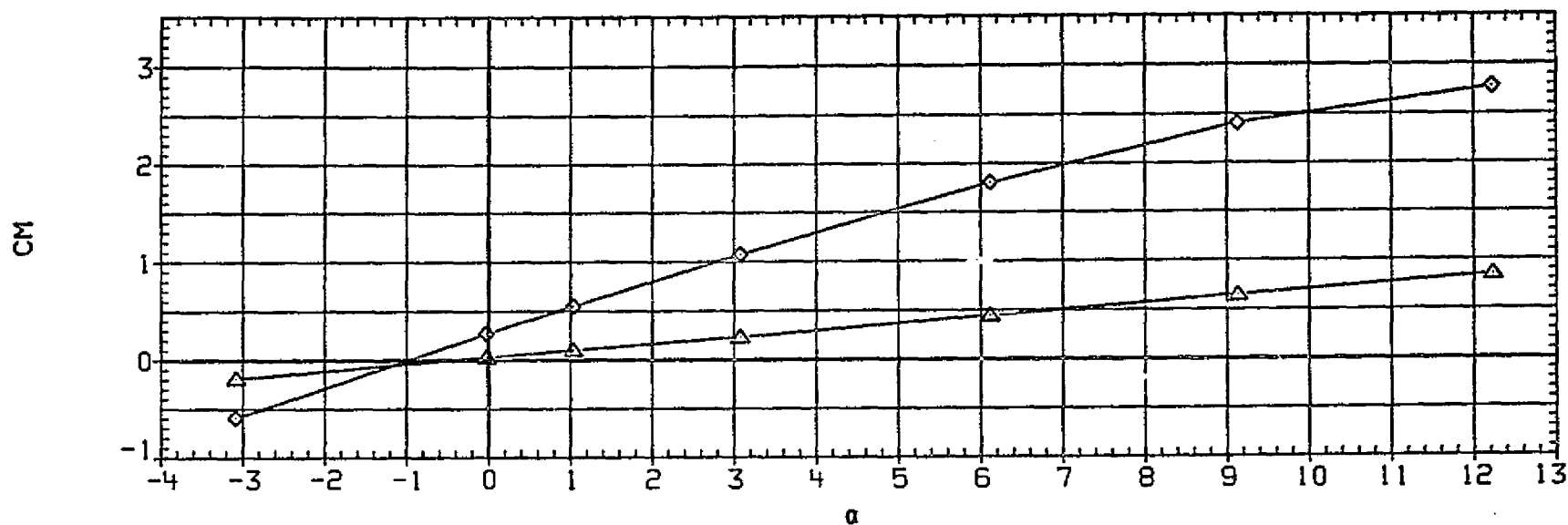


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(8EZ212) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CY	MACH 1.501
□	CYB	D1 .000
△	CYM	D2 .000
◇	CYB	D1-3 .000
		PHI-C 45.000
		BETA D3 .000
		D4 .000
		D2-4 .000

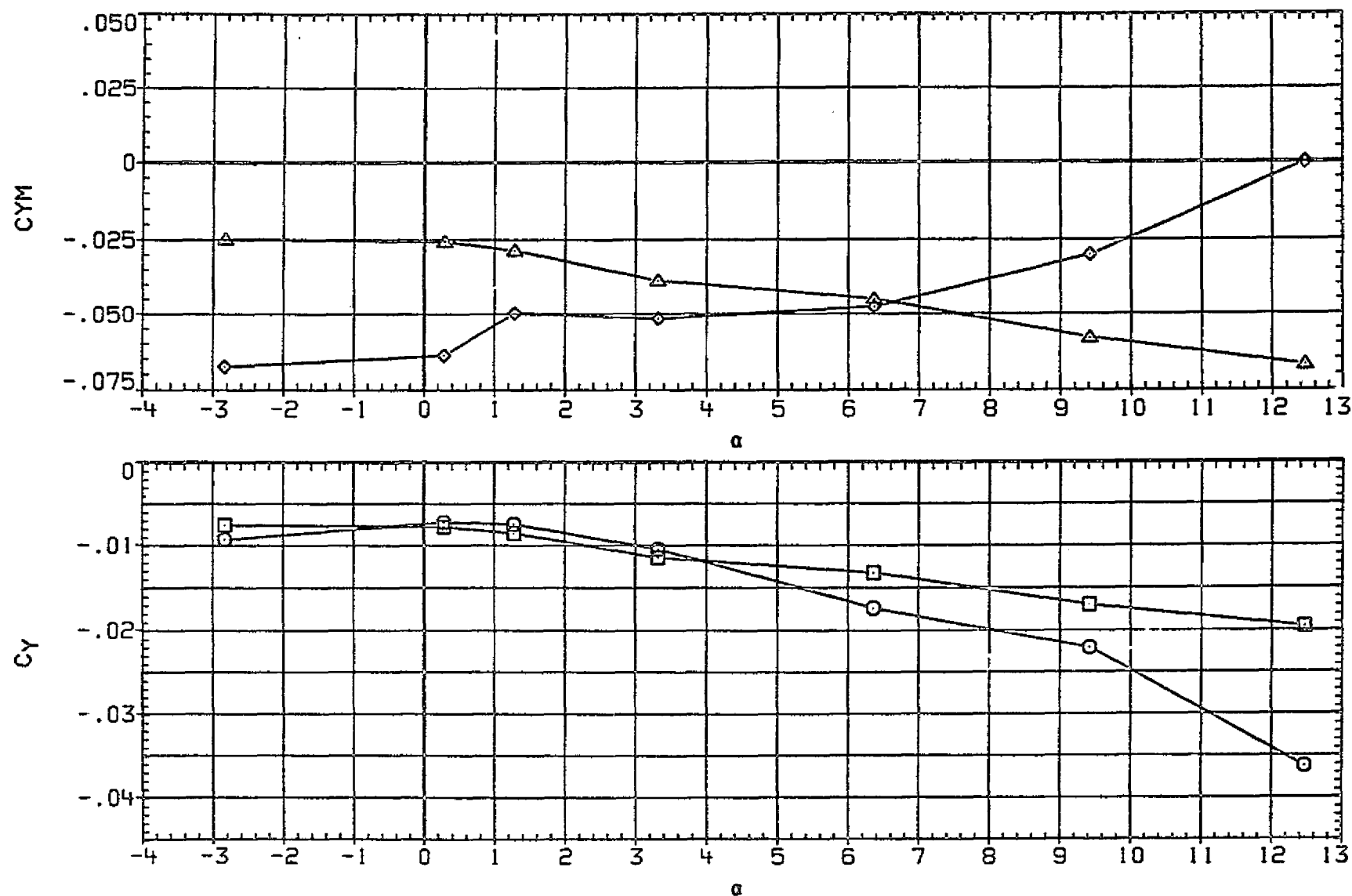


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ212) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES			
□	CY	MACH	1.992	BETA	.000
◇	CYB	D1	.000	D3	.000
○	CYM	D2	.000	D4	.000
△	CYB	D1-3	.000	D2-4	.000
		PHI-C	45.000		

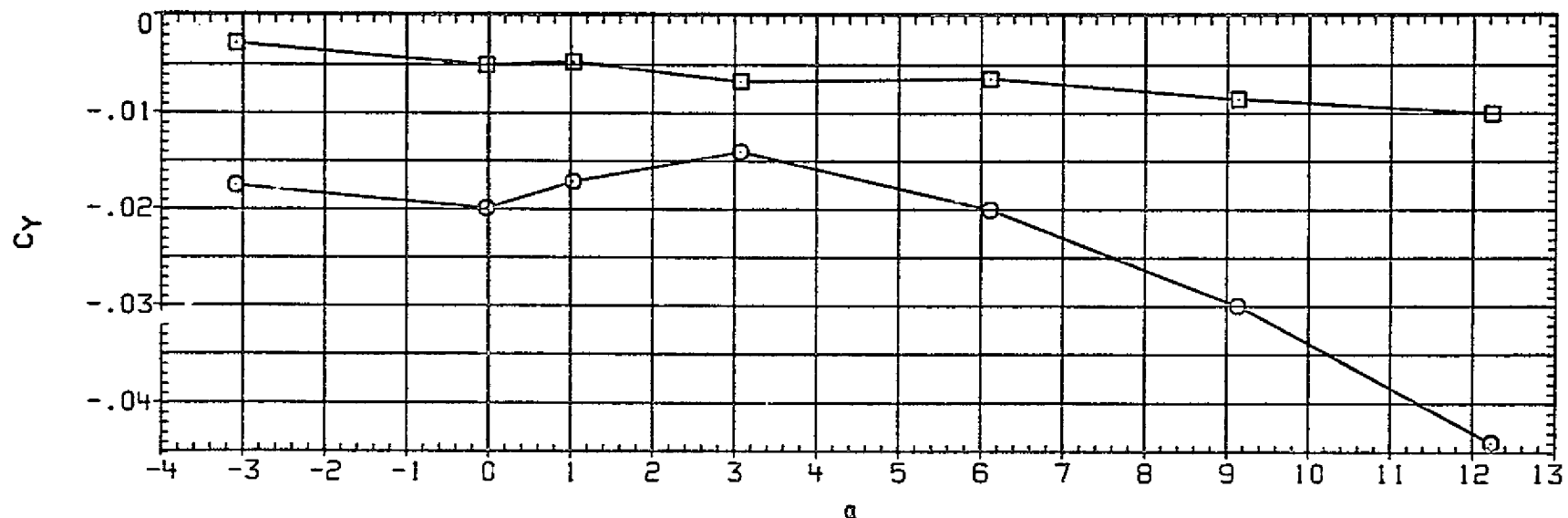
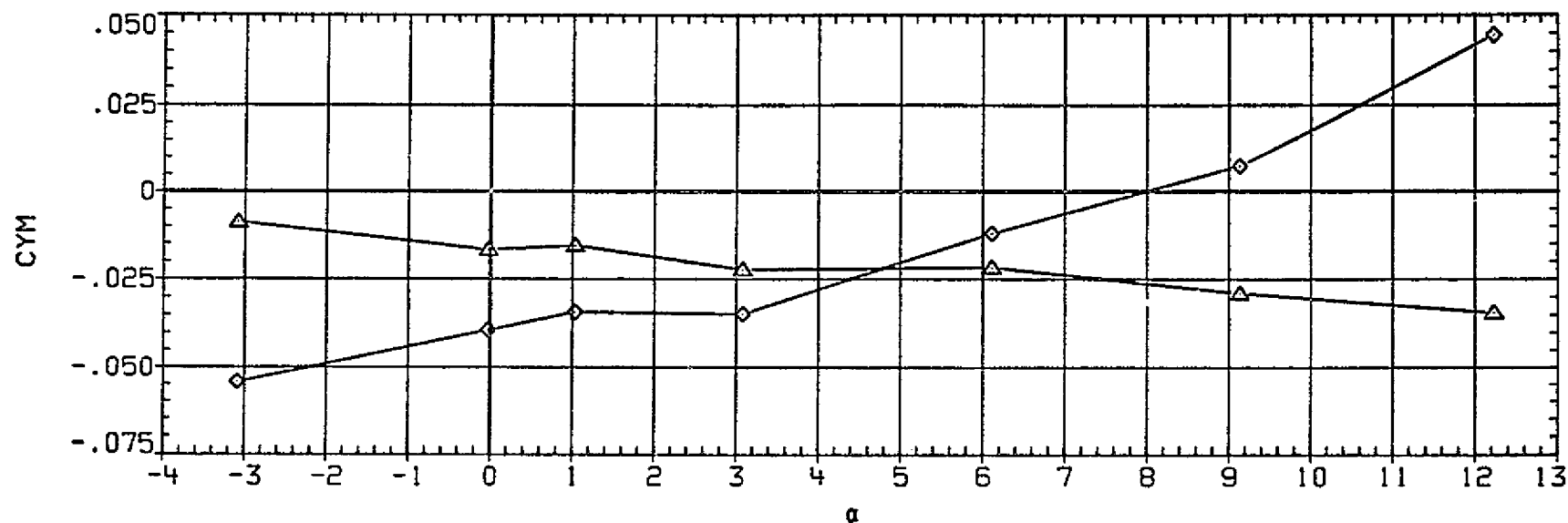


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ212) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.501 BETA .000
□	CRM	D1 .000 D3 .000
◇	CA	D2 .000 D4 .000
		D1-3 .000 D2-4 .000
		PHI-C 45.000

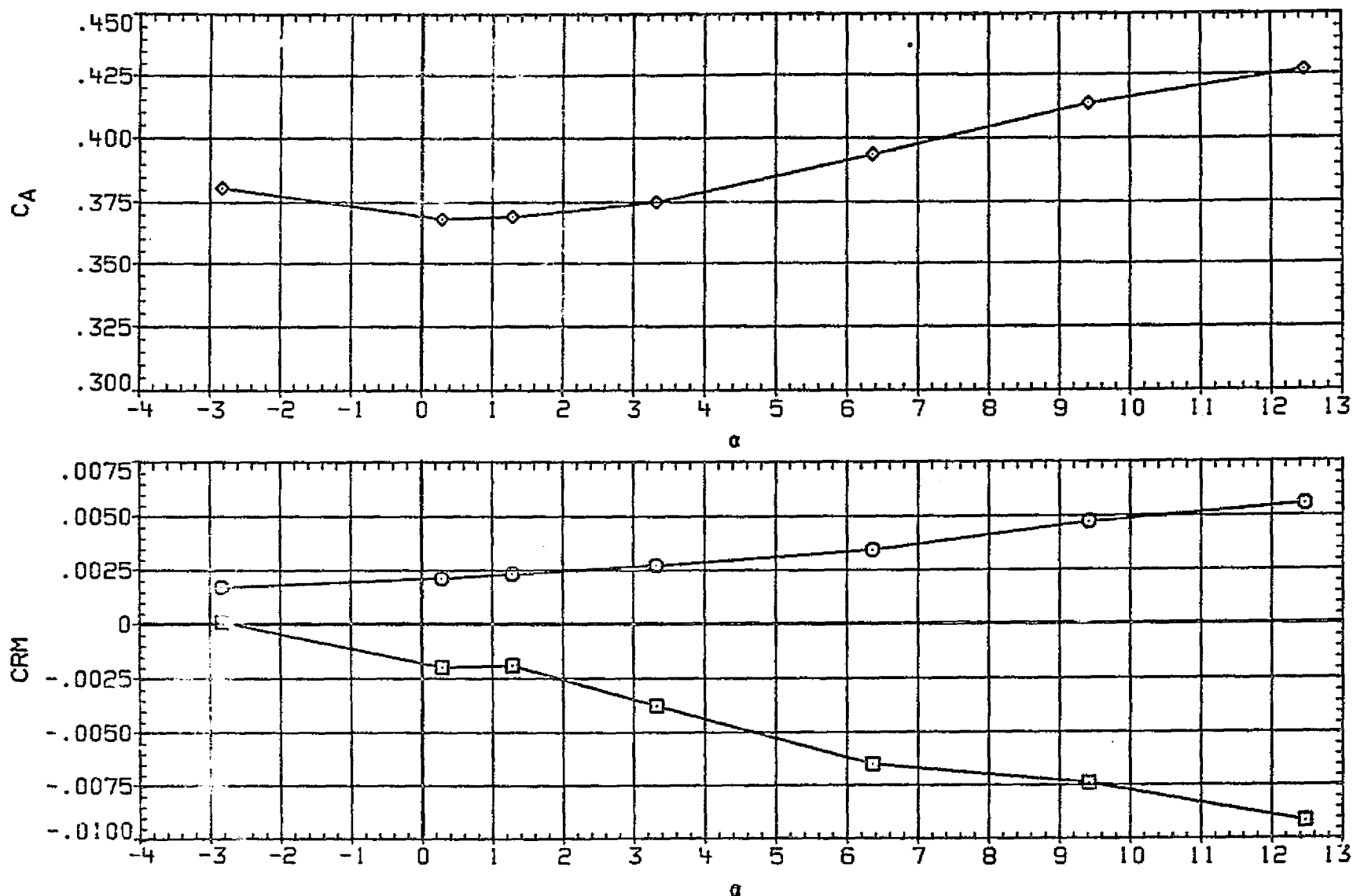


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(RZ212) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇◇	CRM	MACH 1.992 BETA .000
◇◇	CRM	D1 .000 D3 .000
◇◇	CA	D2 .000 D4 .000
		D1-3 .000 D2-4 .000
		PHI-C 45.000

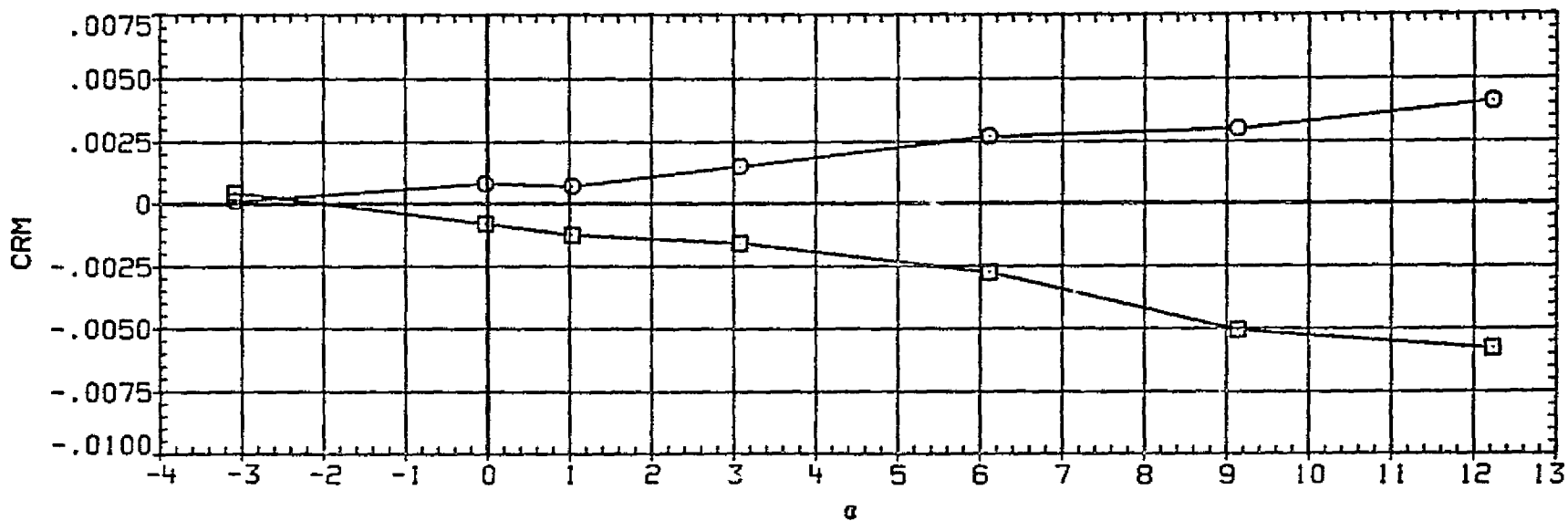
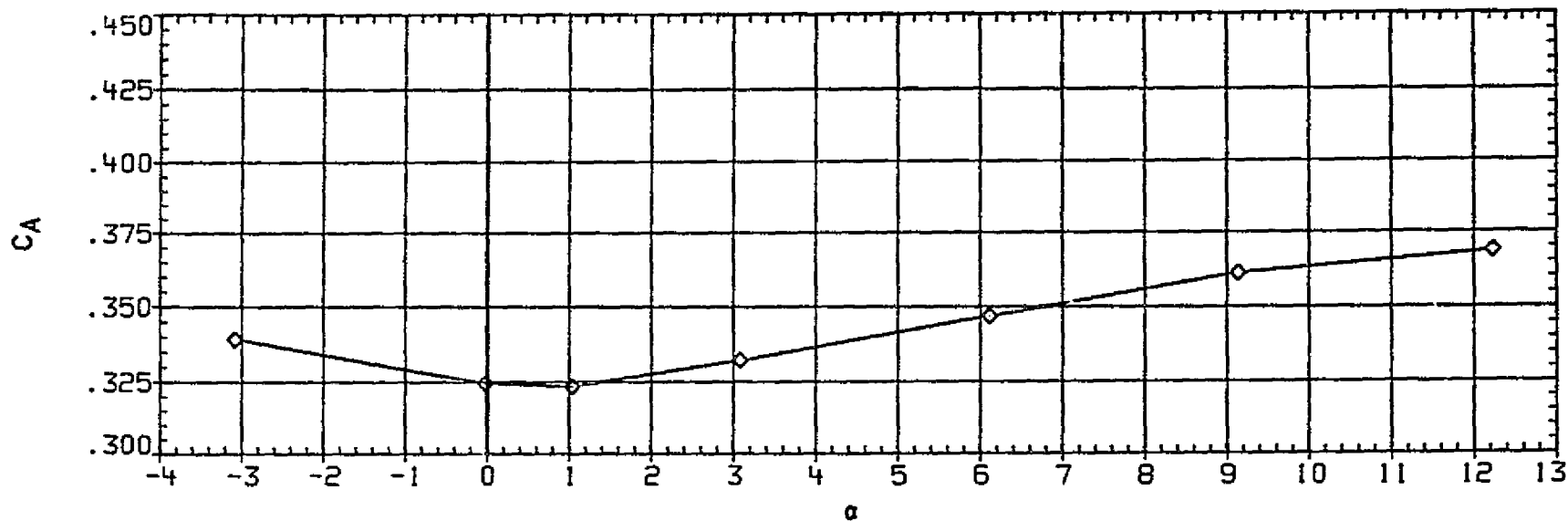


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BE2213) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.500 EETA .000
□	CN3	D1 1.000 D3 1.000
◇	CM	D2 1.000 D4 1.000
△	CN3	D1-3 1.000 D2-4 1.000
		PHI-C 45.000

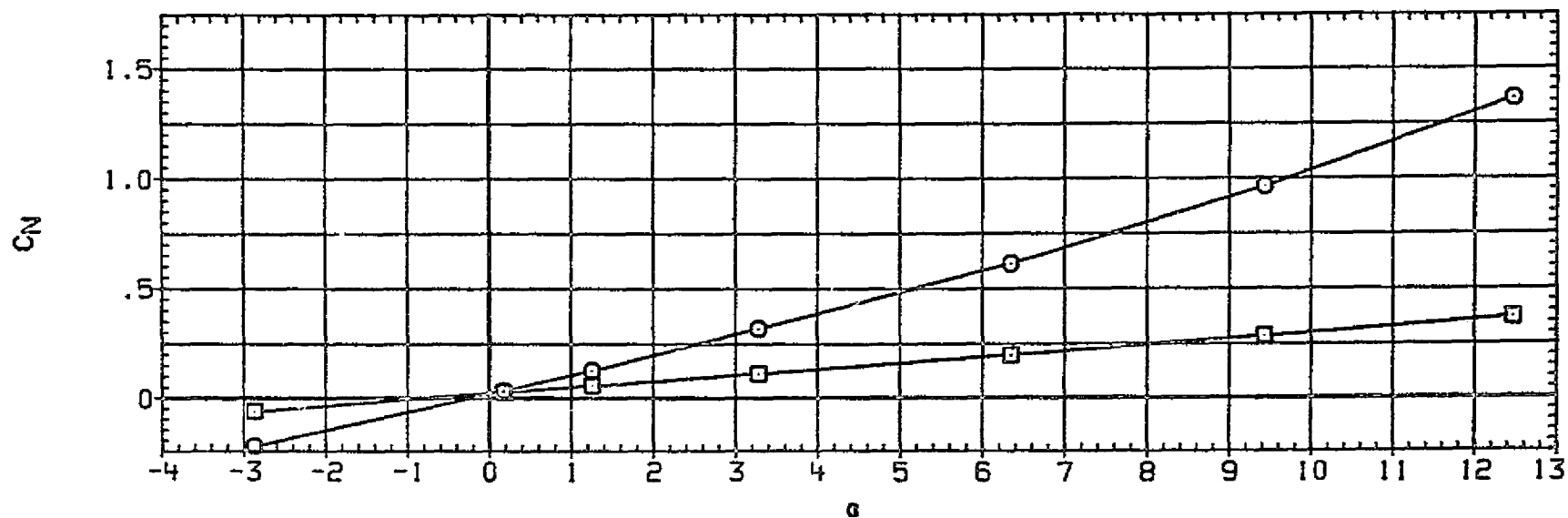
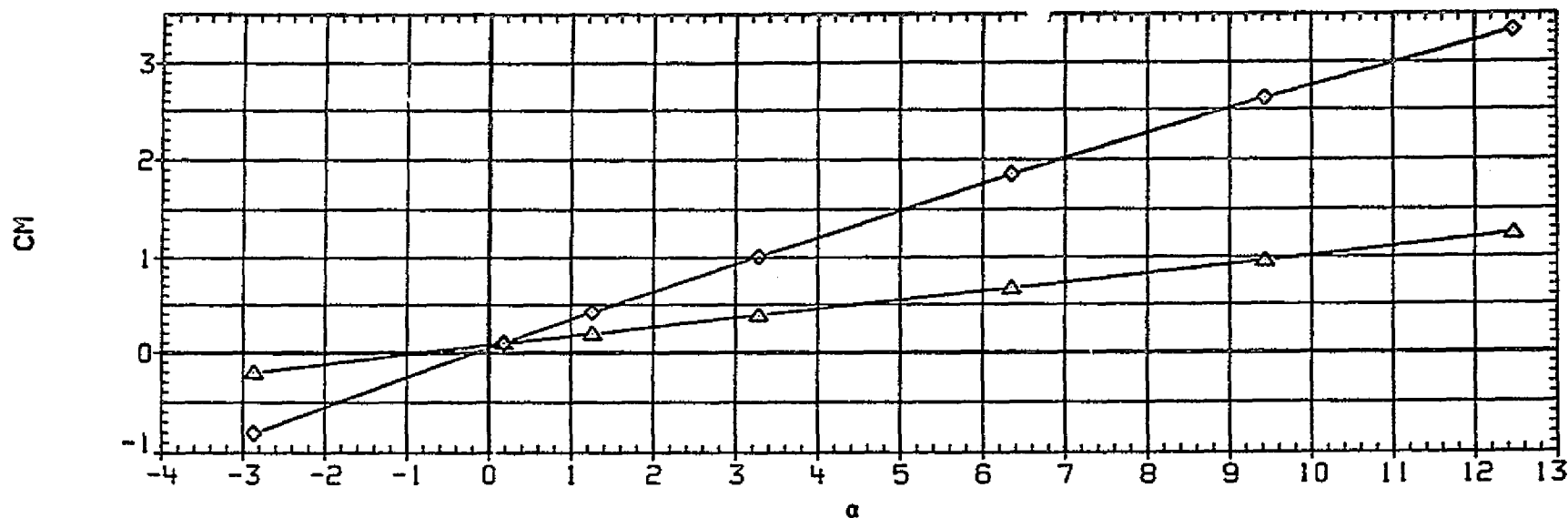


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ213) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
□	CNB	D1 1.000 D3 1.000
◇	CM	D2 1.000 D4 1.000
△	CMB	D1-3 1.000 D2-4 1.000
		PHI-C 45.000

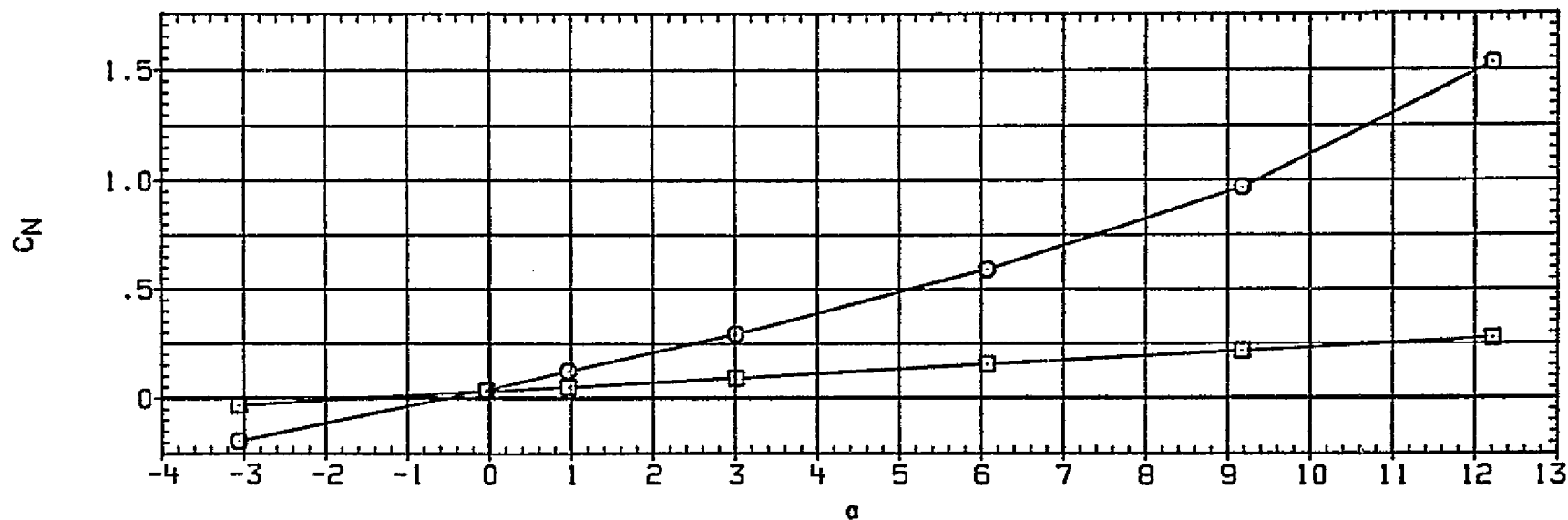
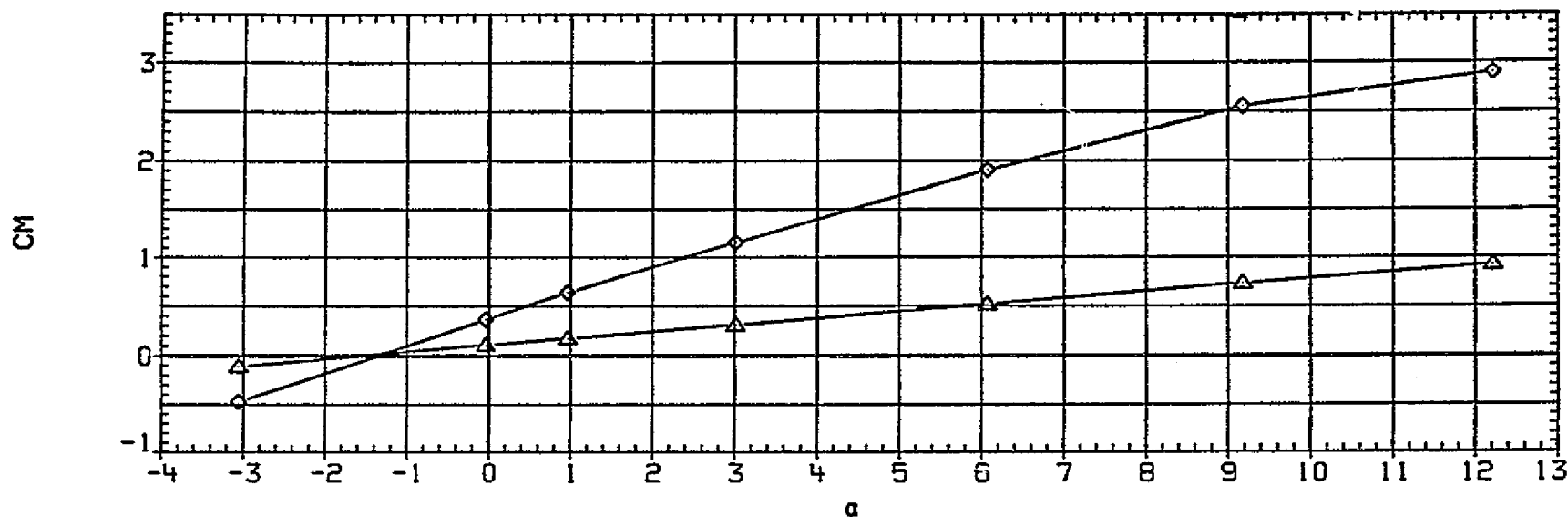


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ213) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.500 BETA .000
□	CYB	D1 1.000 D3 1.000
◇	CYM	D2 1.000 D4 1.000
△	CYB	D1-3 1.000 D2-4 1.000
		PHI-C 45.000

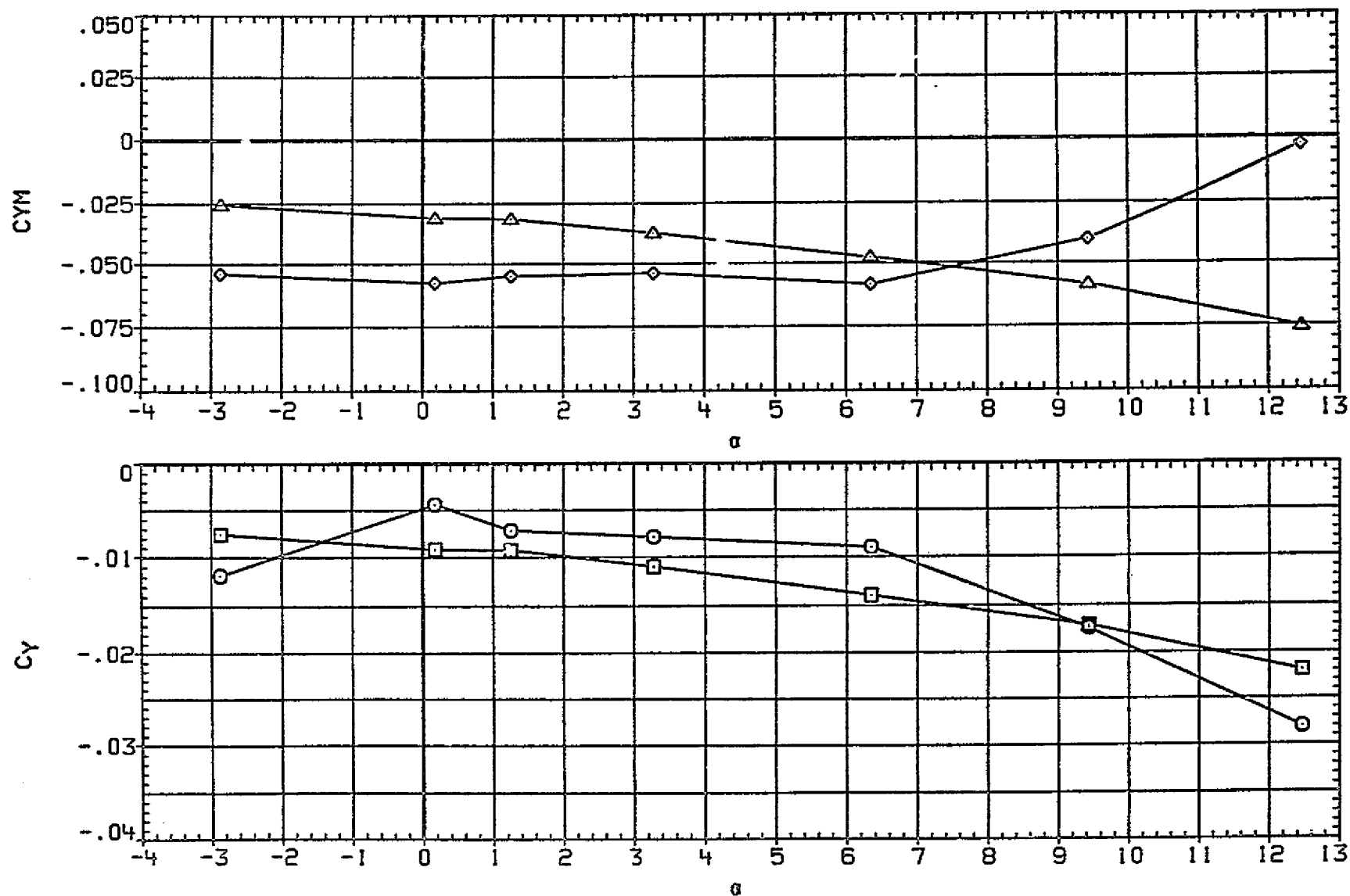


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ213) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.995	BETA	.000
□	CYB	D1	1.000	D3	1.000
◇	CYM	D2	1.000	D4	1.000
△	CYM8	D1-3	1.000	D2-4	1.000
		PHI-C	45.000		

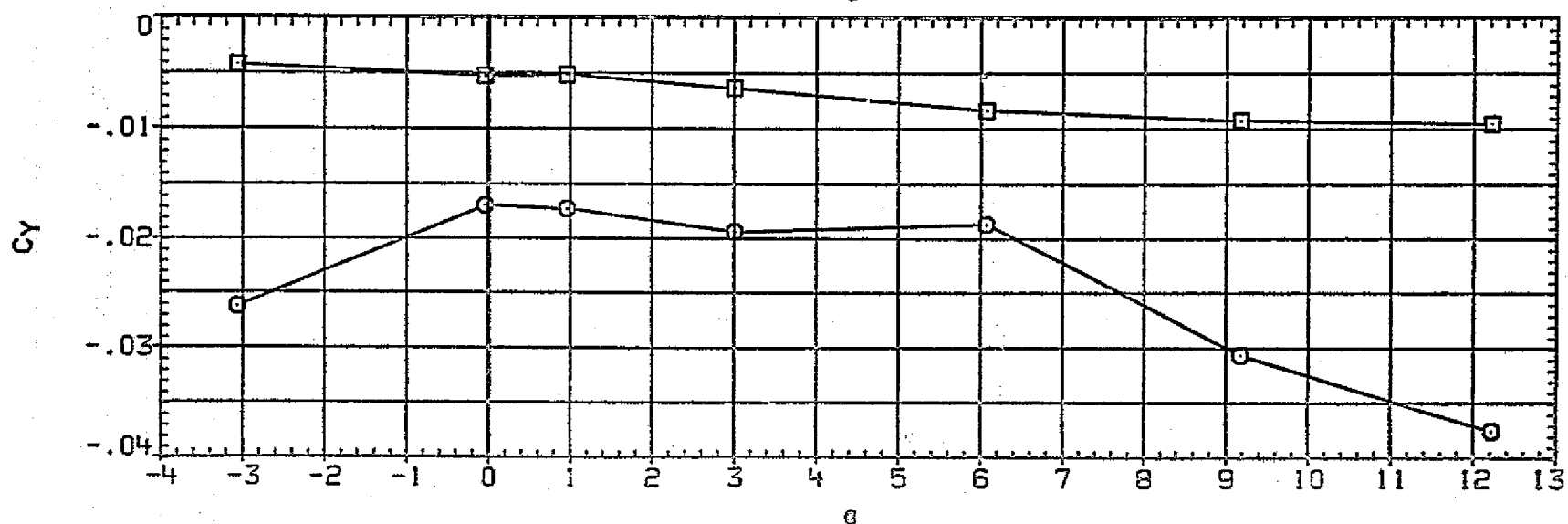
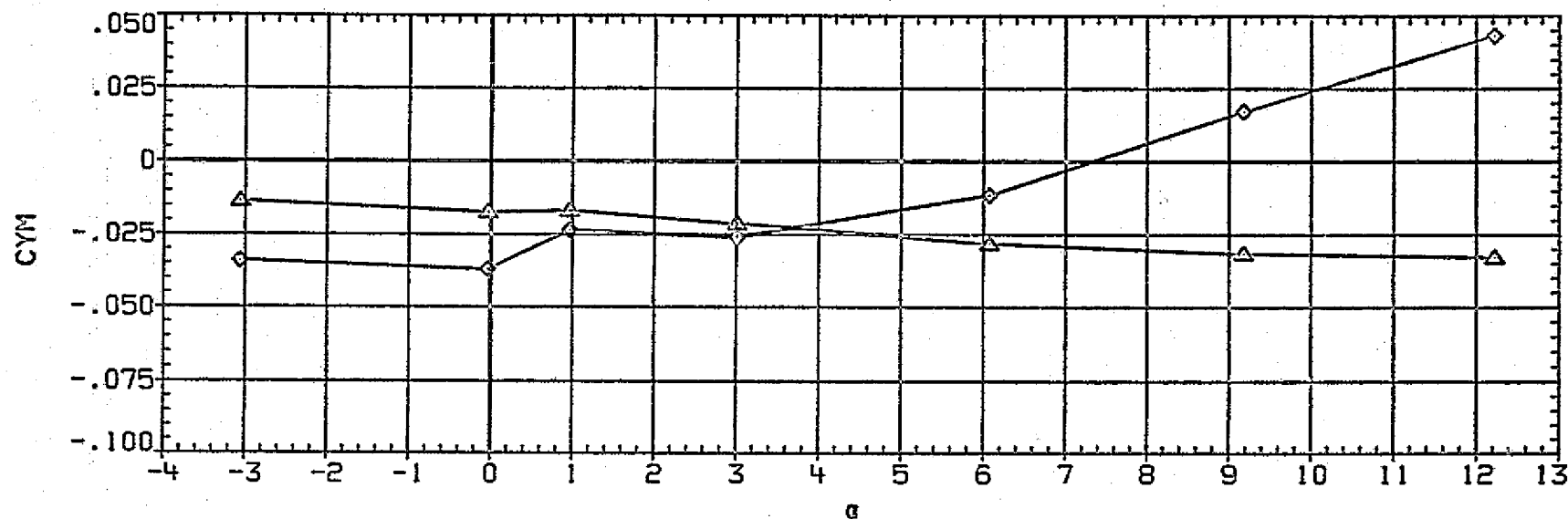


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ213) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	BACH 1.500 BETA .000
◇	CRM	D1 1.000 D3 1.000
◇	CA	D2 1.000 D4 1.000
		D1-3 1.000 D2-4 1.000
		PHT-C 45.000

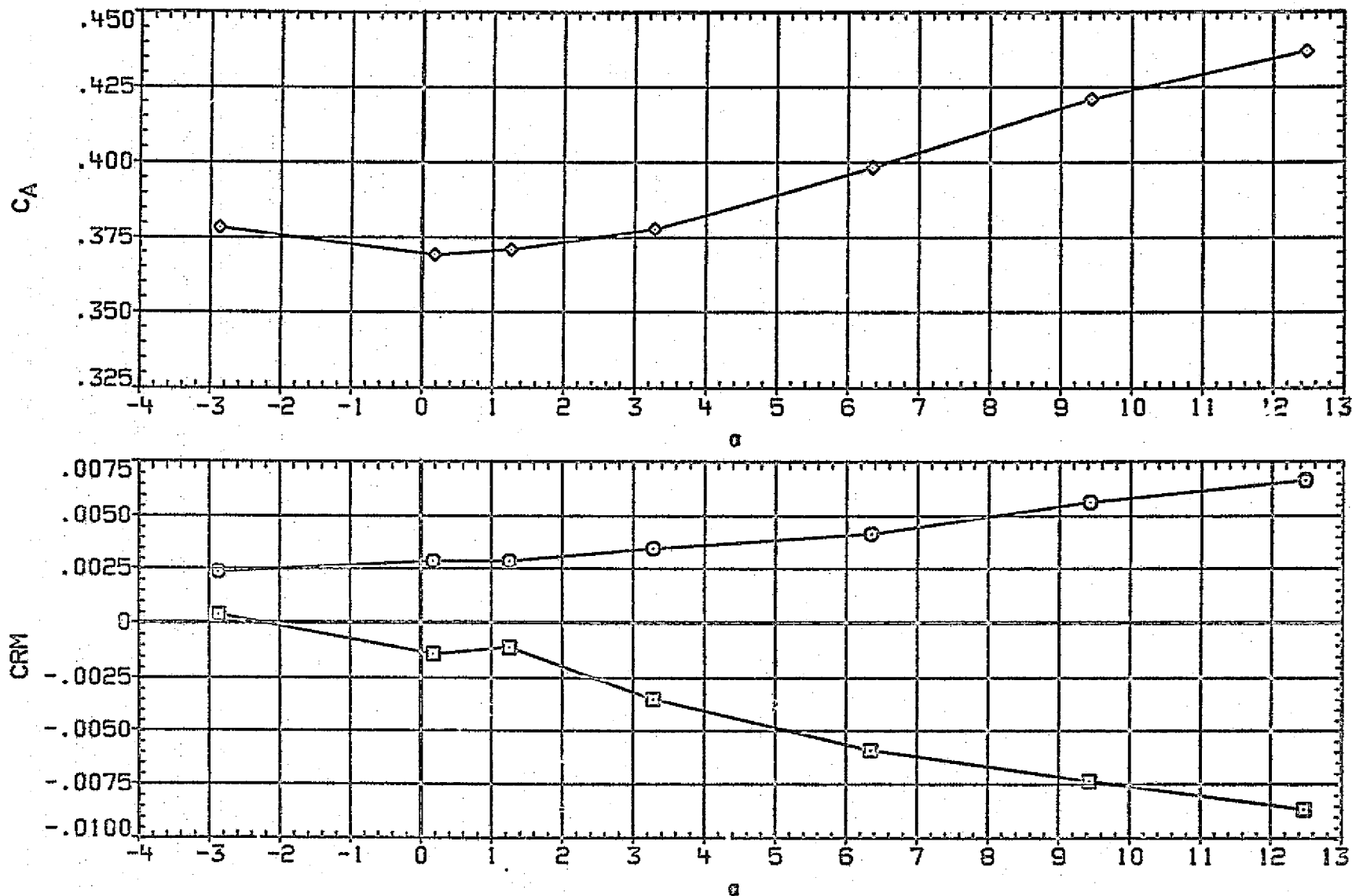


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ213) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.995
□	CRM	D1 1.000
◇	CA	D2 1.000
		D1-S 1.000
		ETA -0.000
		D3 1.000
		D4 1.000
		D2-4 1.000
		FX1-C 45.000

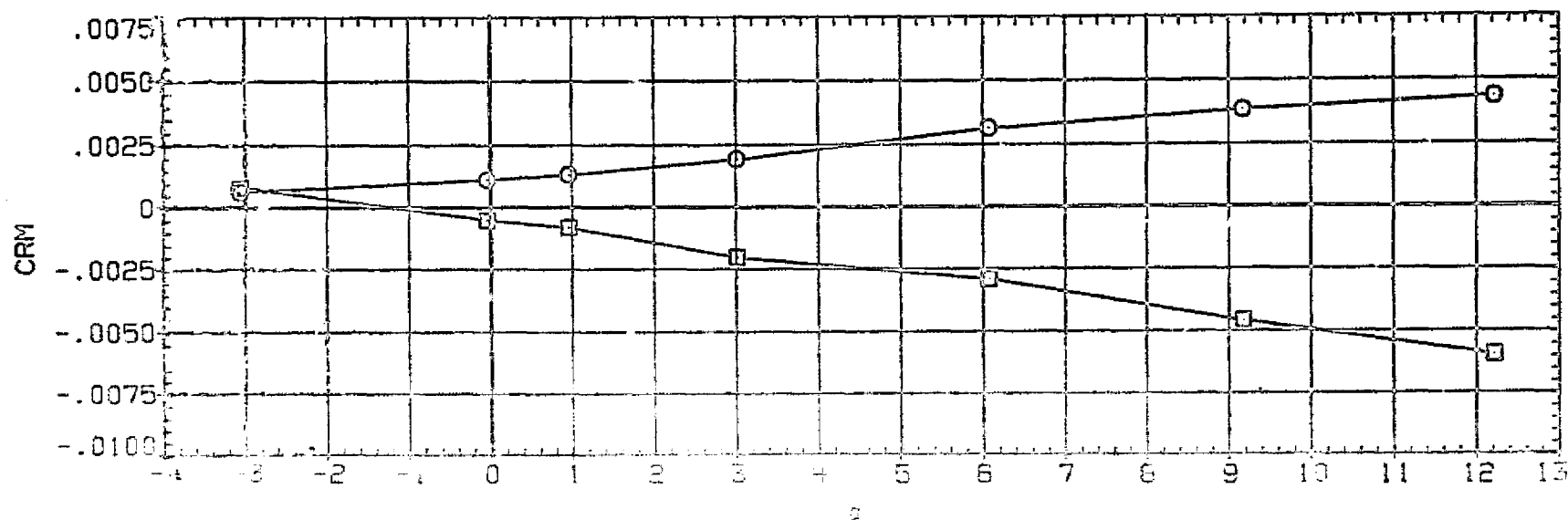
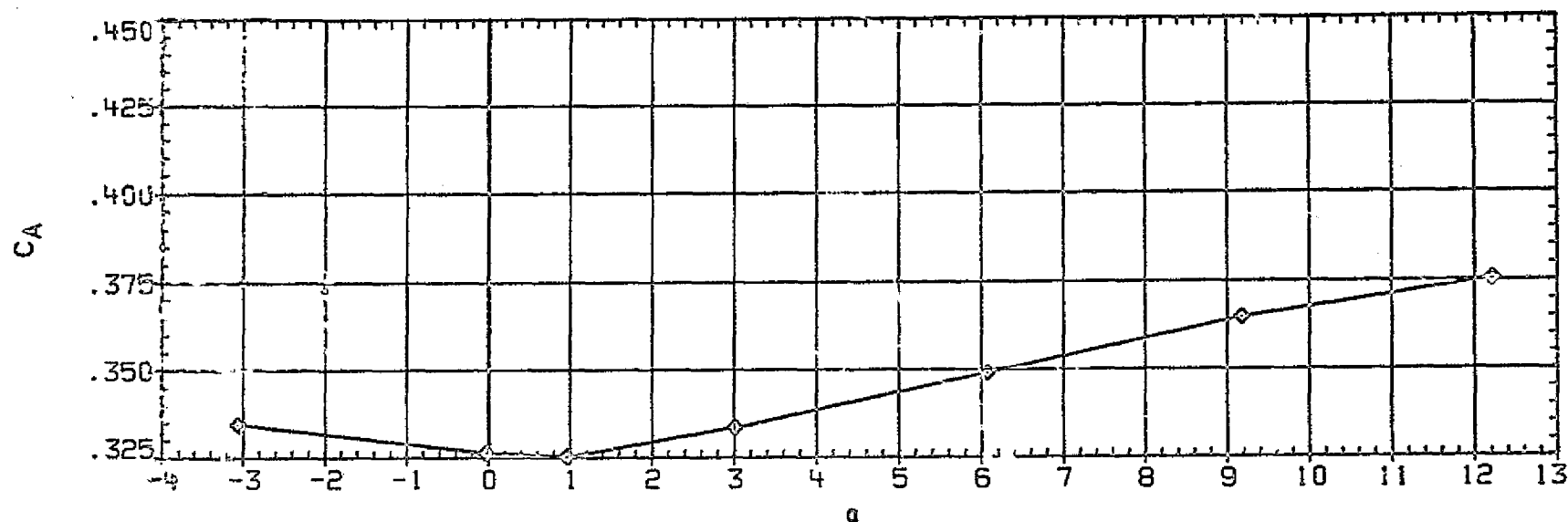


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ214) CONFIGURATION 12 (BN14)

SYMBOL

DATA

PARAMETRIC VALUES

○
□
◇
△

CN
CN3
CM
CM3

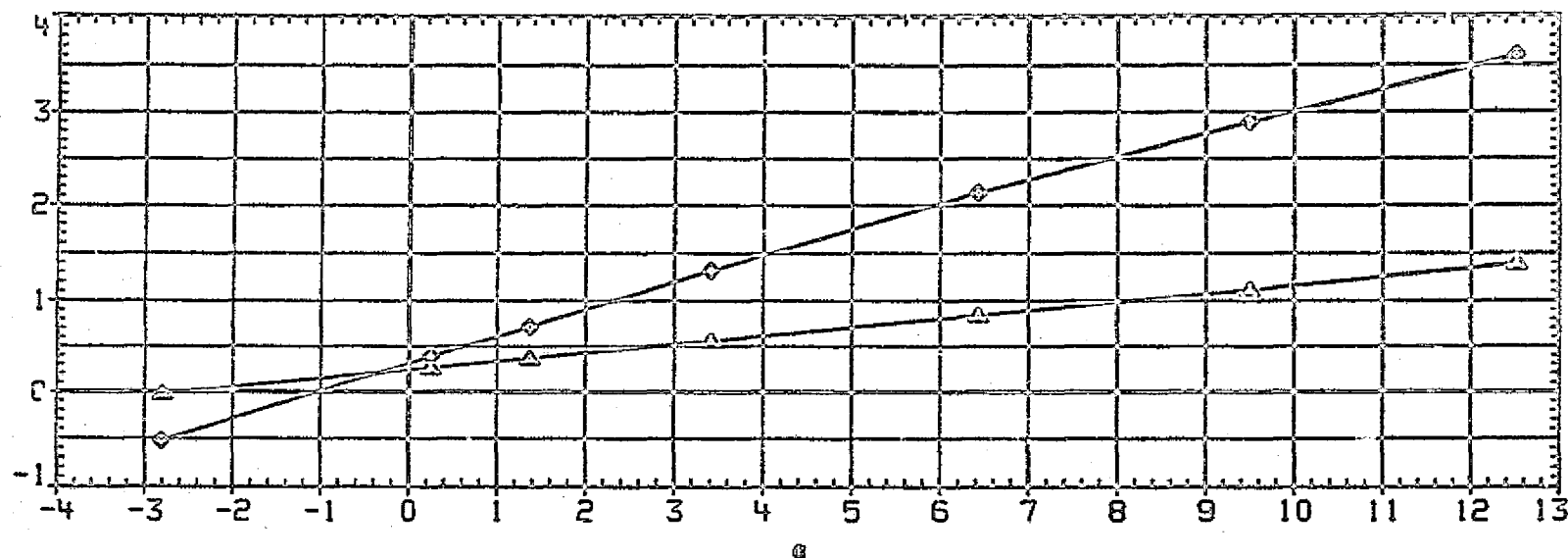
MACH
01
02
01-3
PNT-C

1.504
3.000
3.000
3.000
45.000

EETA
03
04
02-4

.000
3.000
3.000
3.000

CM



CN

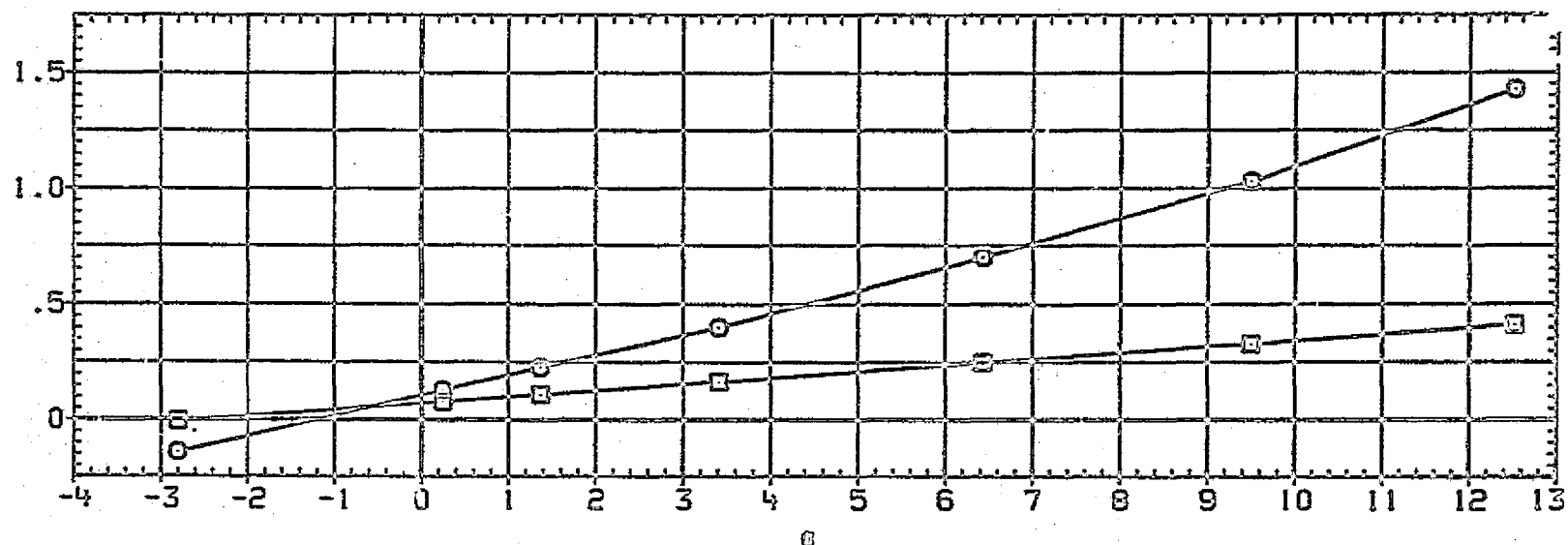


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ214) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.895 BETA .000
□	CNB	D1 3.000 D3 3.000
◇	CM	D2 3.000 D7 3.000
△	CHS	D1-3 3.000 D2-4 3.000
		PHI-C 45.000

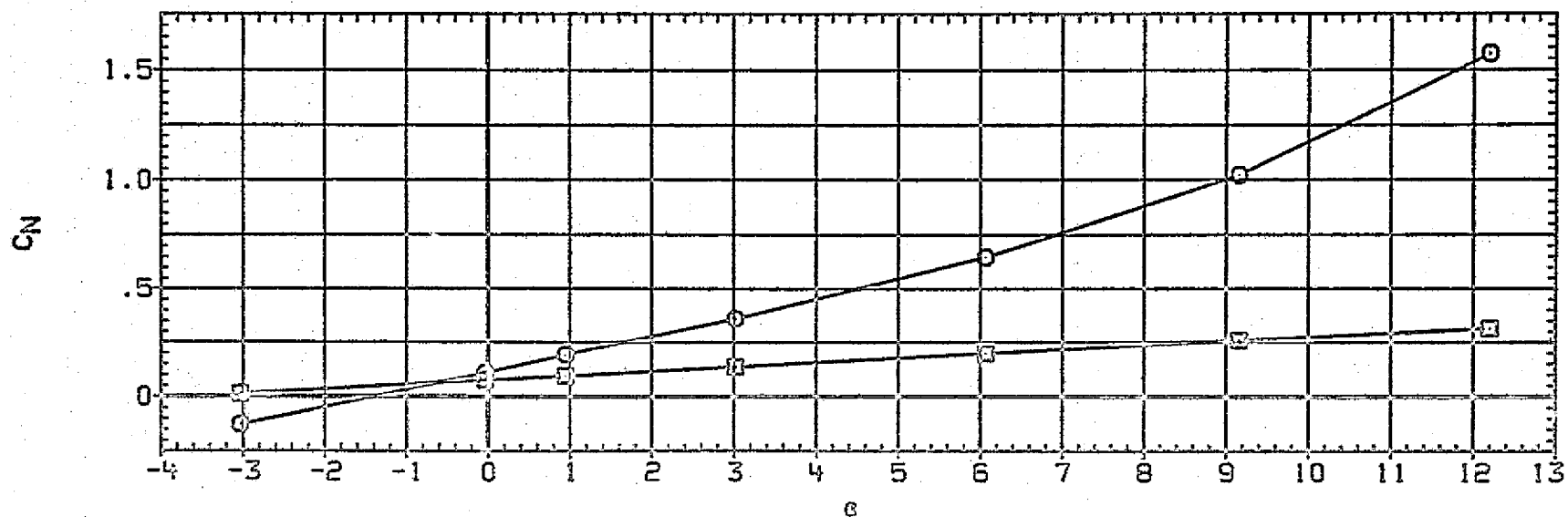
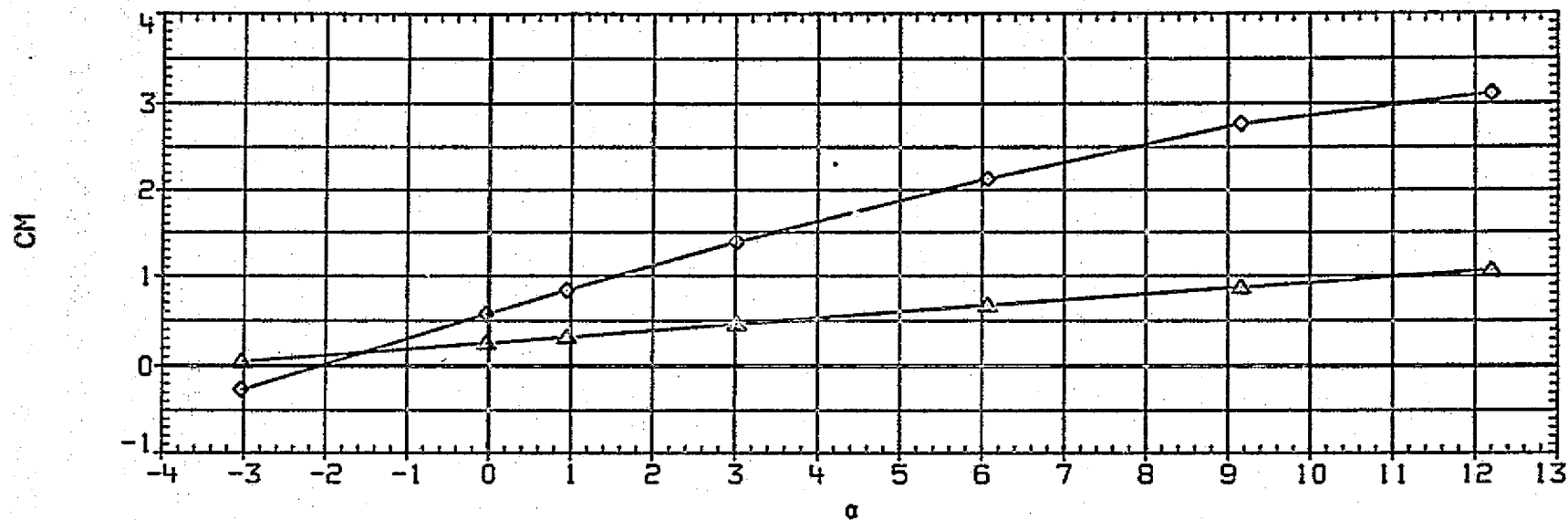
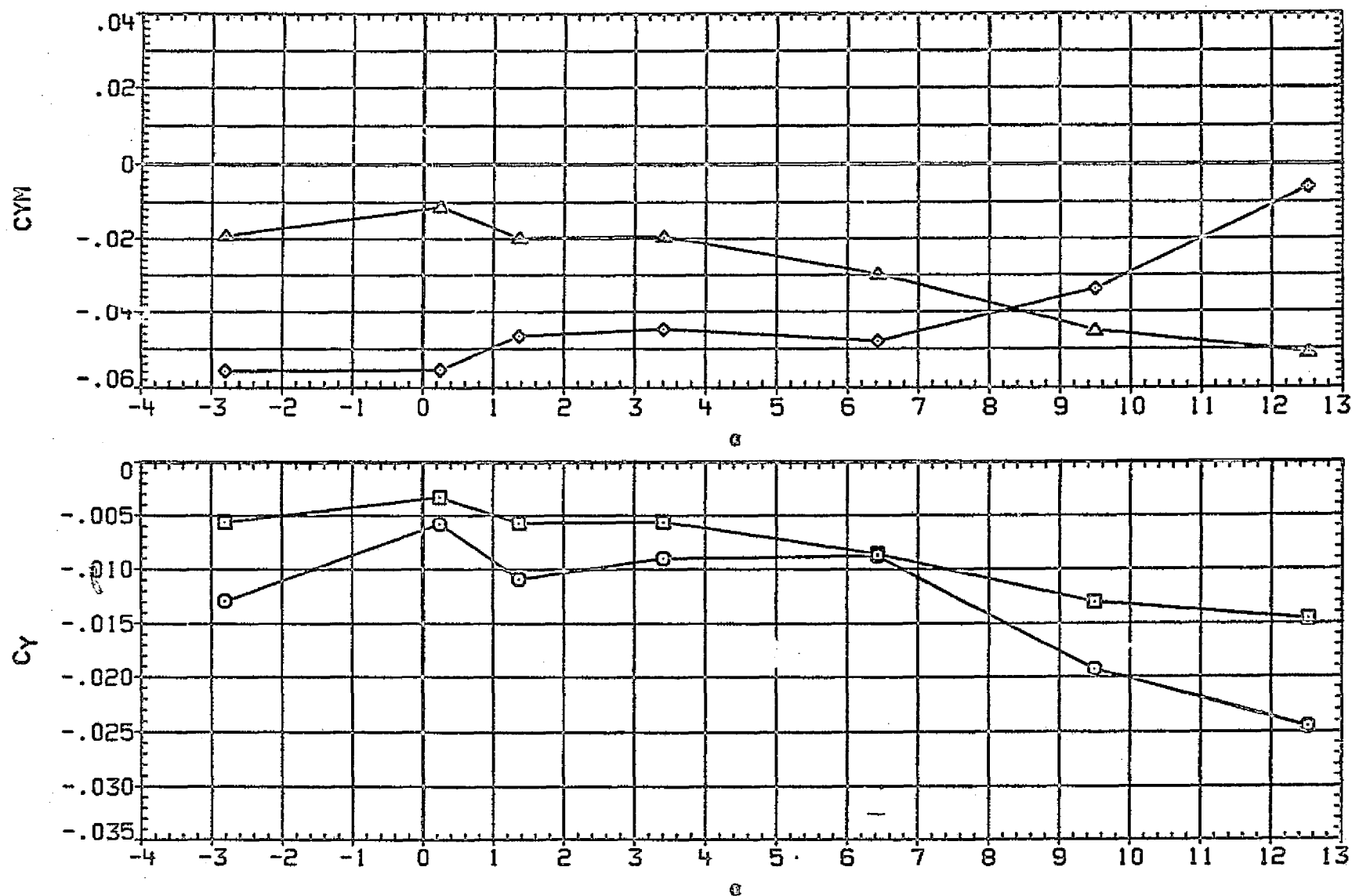


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ214) CONFIGURATION 12 (ENIC4)

SYMBOL	DATA	PARAMETRIC VALUES			
□	CY	MACH	1.504	ETA	.000
◇	CYB	D1	3.000	D3	3.000
△	CYM	D2	3.000	D4	3.000
	CYK3	D1-3	3.000	D2-4	3.000
		PHI-C	45.000		



F.G. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ214) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CY	MACH 1.995 BETA .003
□	CYB	D1 3.000 D3 3.000
△	CYM	D2 3.000 D4 3.000
△	CYM	D1-3 3.000 D2-4 3.000
		PHI-C 45.000

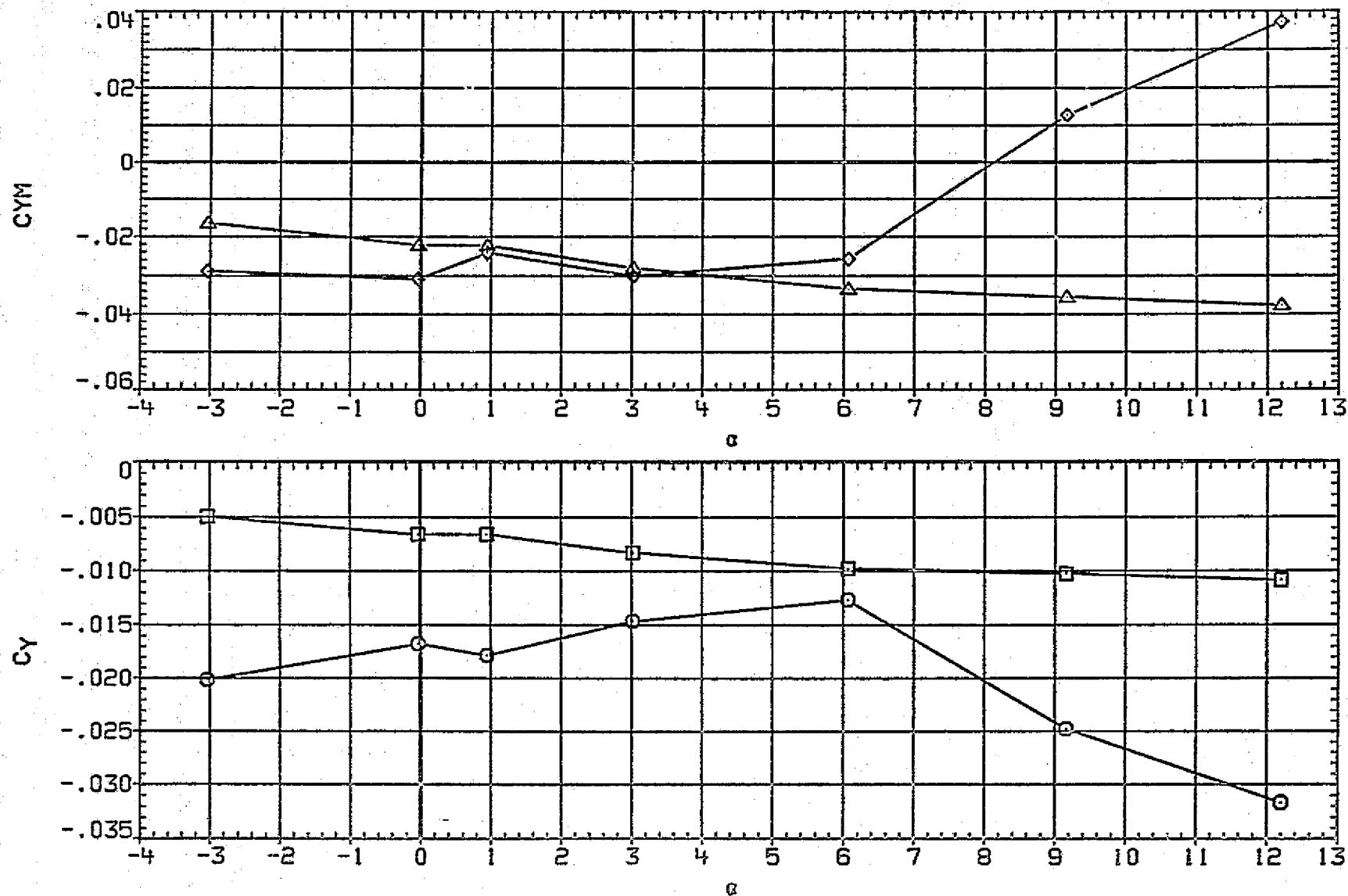


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ214) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
□	CRM	MACH 1.504
◇	CRM	D1 3.000
	CA	D2 3.000
		D1-3 3.000
		PHI-C 45.000
		BETA D3 3.000
		D4 3.000
		D2-4 3.000

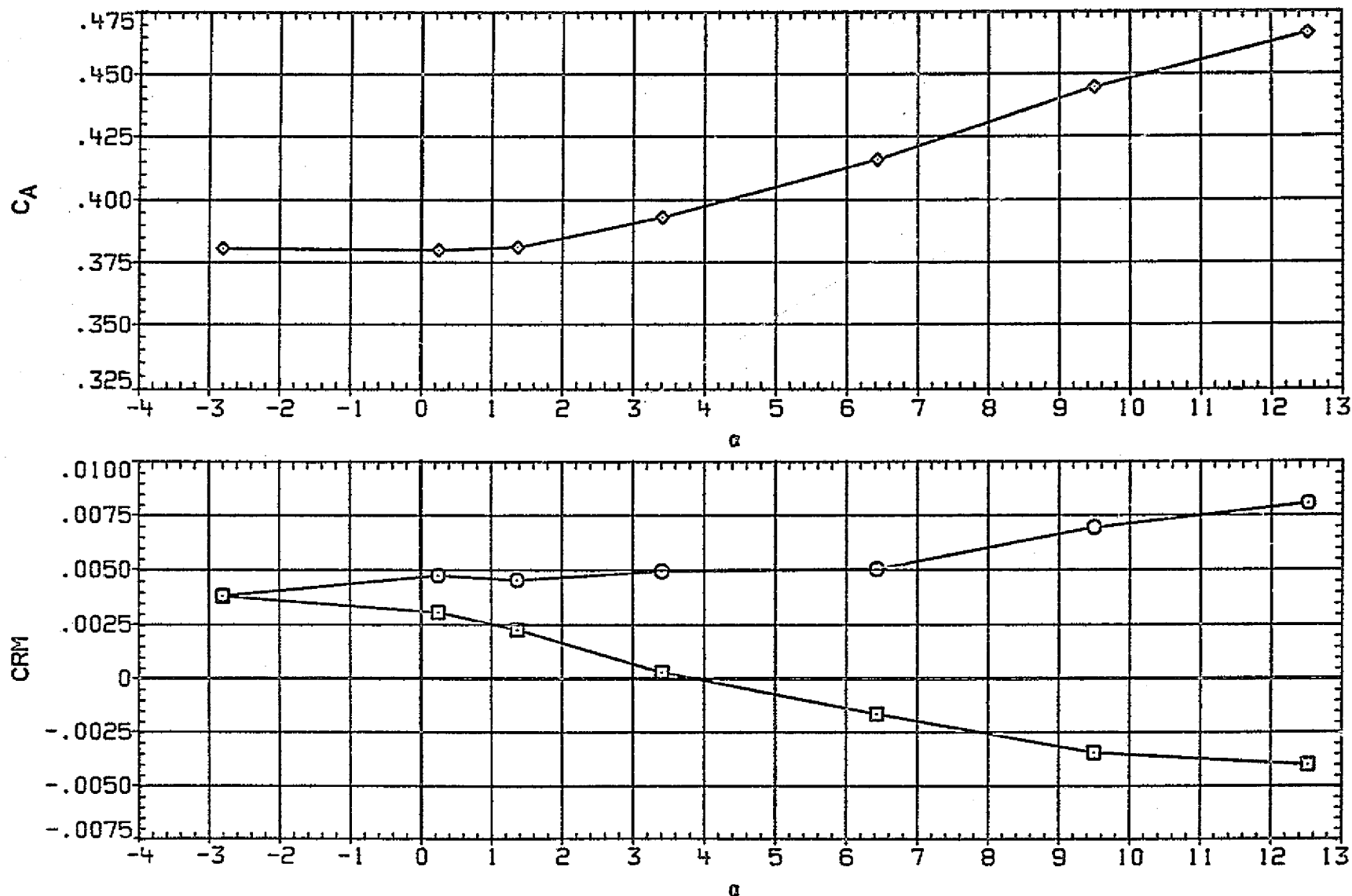


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ214) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.995 BETA 3.000
□	CRM	D1 3.000 D3 3.000
◇	CA	D2 3.000 D4 3.000
		D1-3 3.000 D2-4 3.000
		PHI-C 45.000

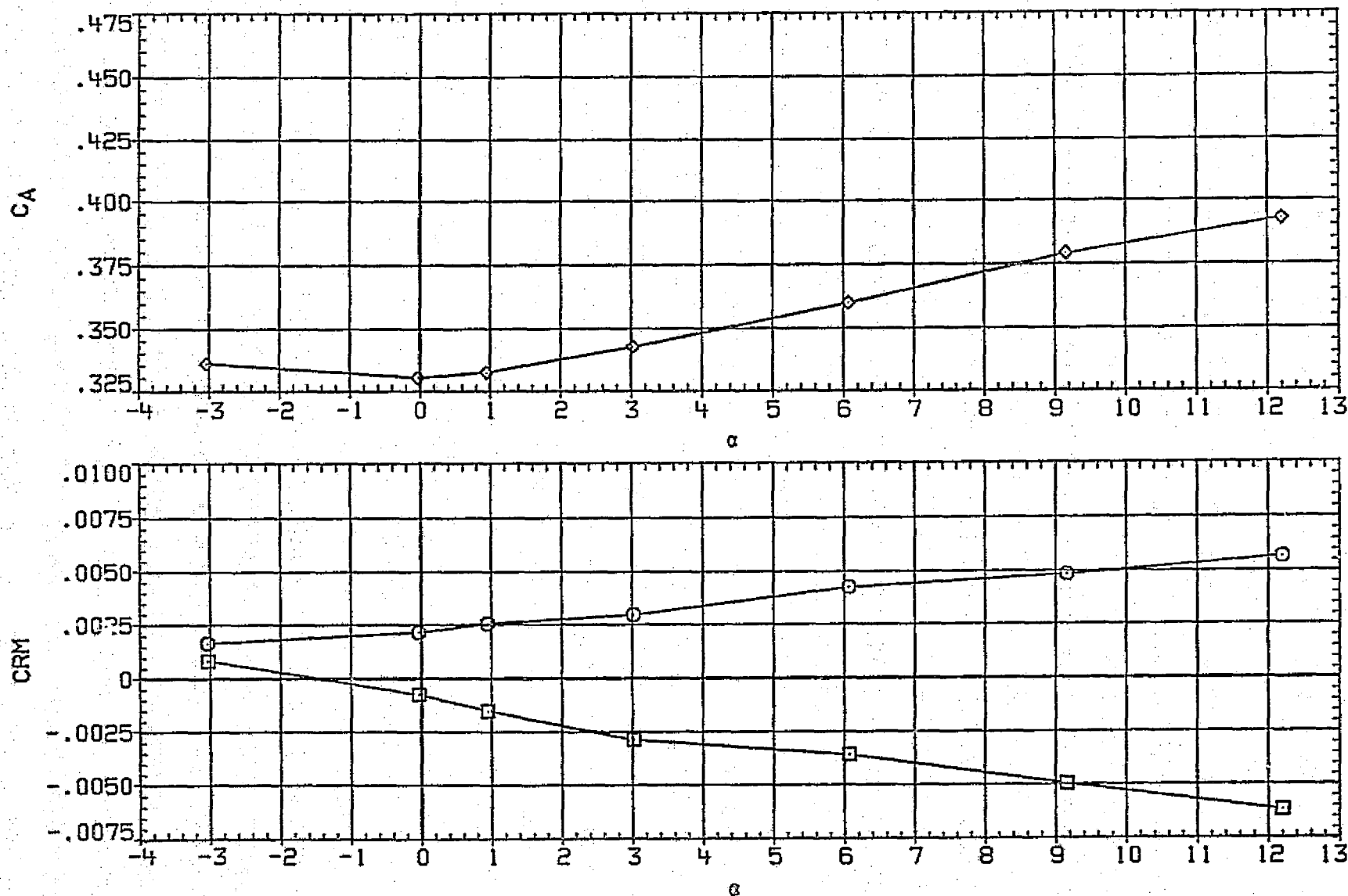


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ215) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.504	BETA	.000
□	CN3	D1	6.000	D3	6.000
◇	CN	D2	6.000	D4	6.000
△	CN3	D1-3	6.000	D2-4	6.000
		PHI-C	45.000		

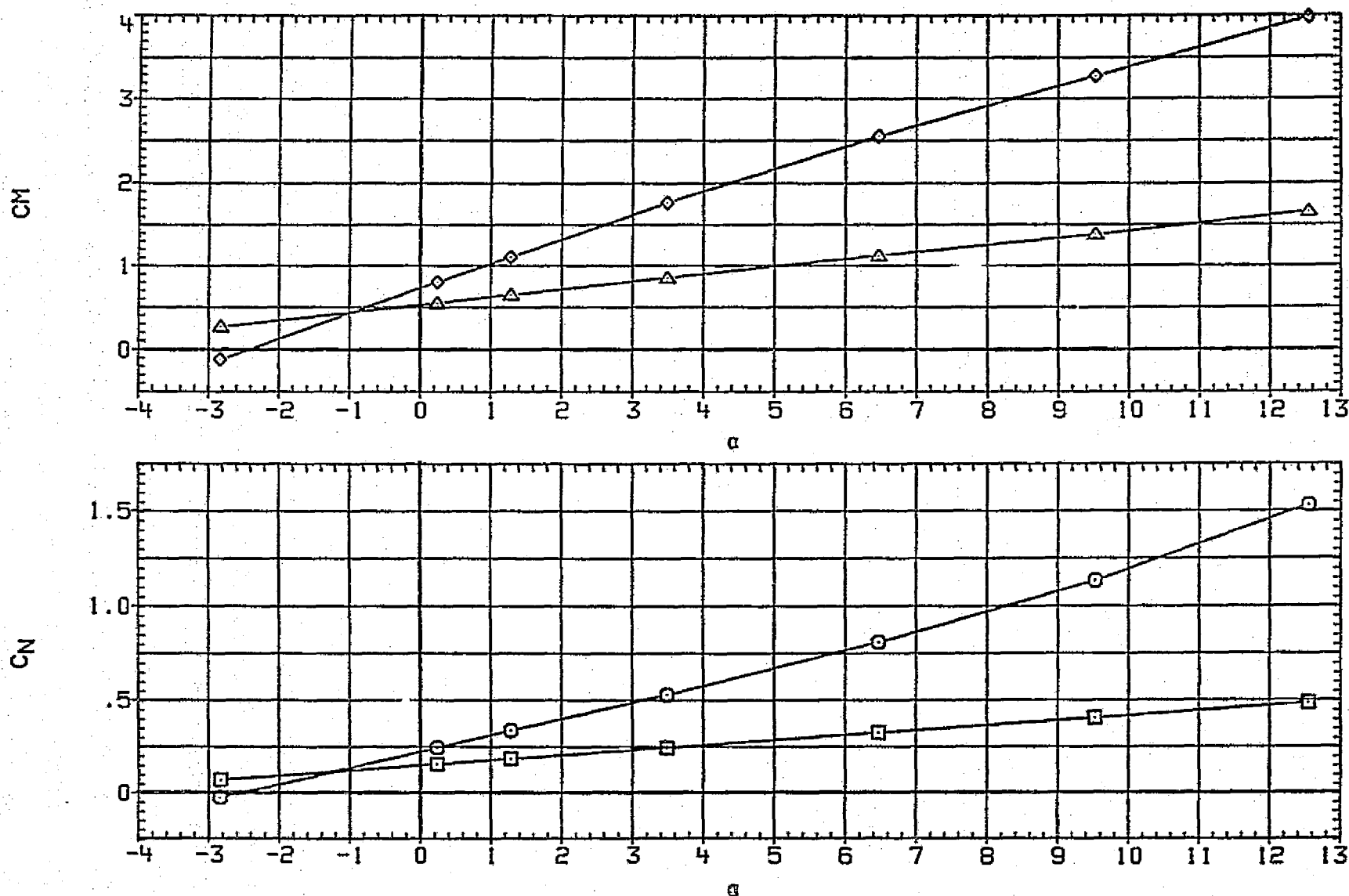


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ215) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	HACH 1.932 BETA .000
□	CNB	D1 6.000 D3 6.000
◇	CH	D2 6.000 D4 6.000
△	CHB	D1-3 6.000 D2-4 6.000
		PHI-C 45.000

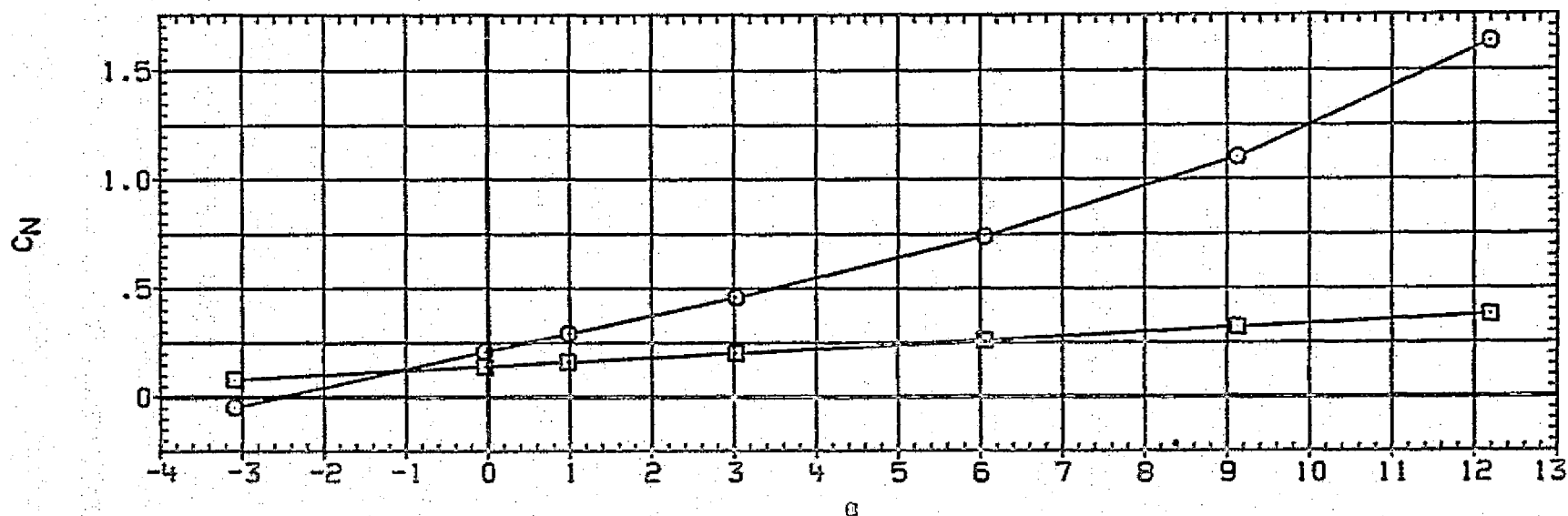
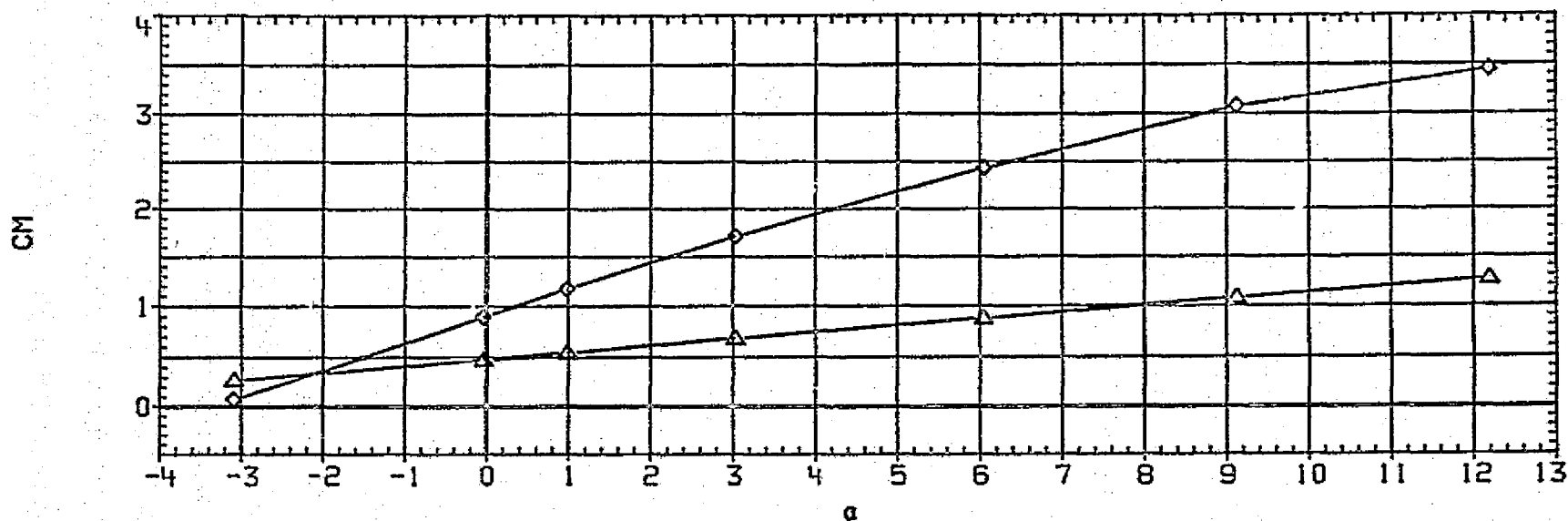


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BE2215) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.50% BETA .000
□	CYB	D1 6.000 D3 6.000
◇	CYM	D2 6.000 D4 6.000
△	CYB	D1-3 6.000 D2-4 6.000
		PHI-C 45.000

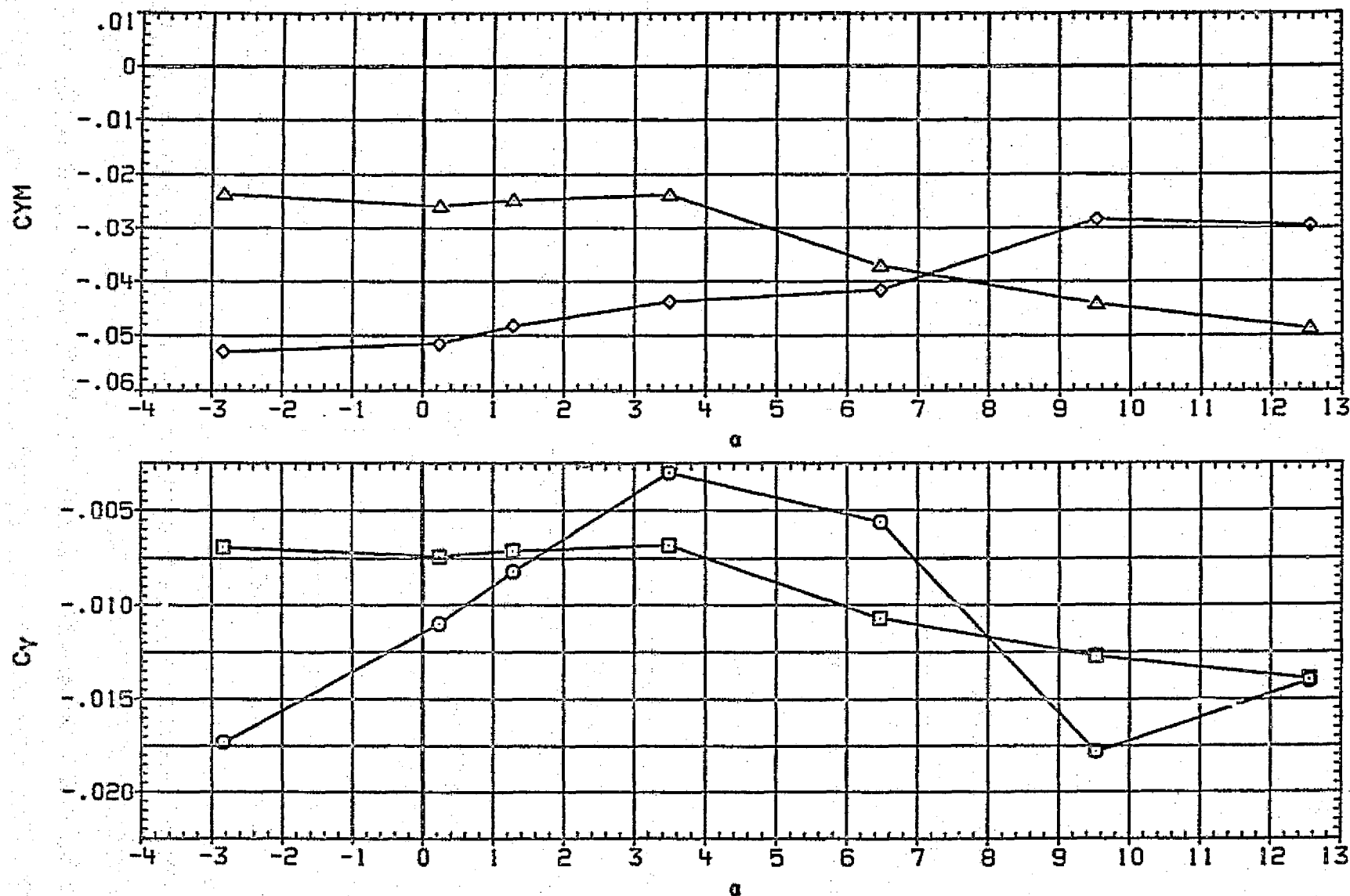


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ215) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.992 BETA .000
□	CYB	D1 6.000 D3 6.000
◇	CYM	D2 6.000 D4 6.000
△	CYB	D1-3 6.000 D2-4 6.000
		PHI-C 45.000

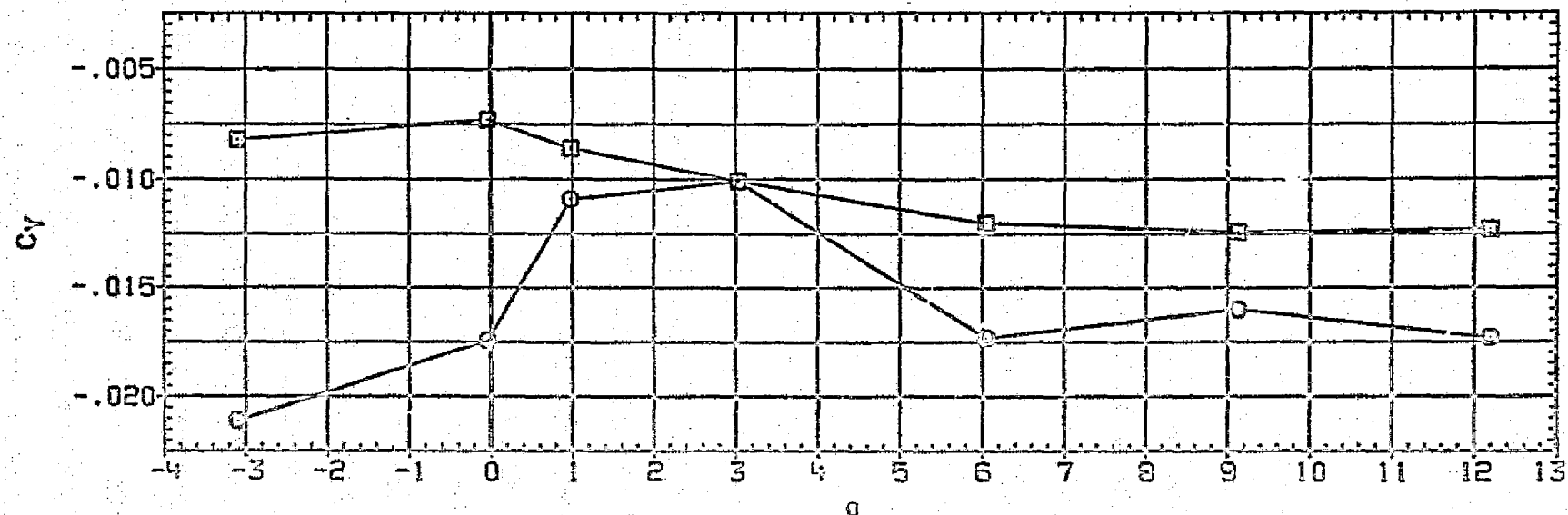
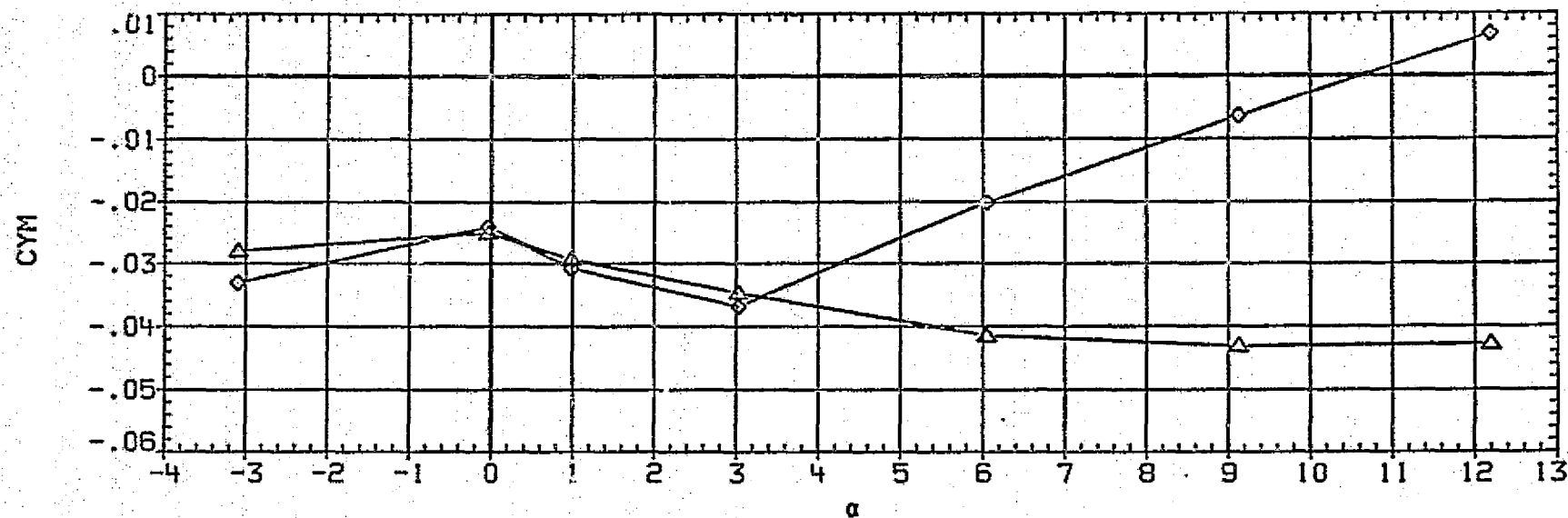


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ215) CONFIGURATION 12 (BN104)

SW/CDL	DATA	PARAMETRIC VALUES
CRM	MACH	1.500
CRM	D1	6.000
CRM	D2	6.000
CRM	D1-3	6.000
CRM	D2-4	6.000
CA	FHI-C	45.000
		ETA
		D3
		D4
		D2-4

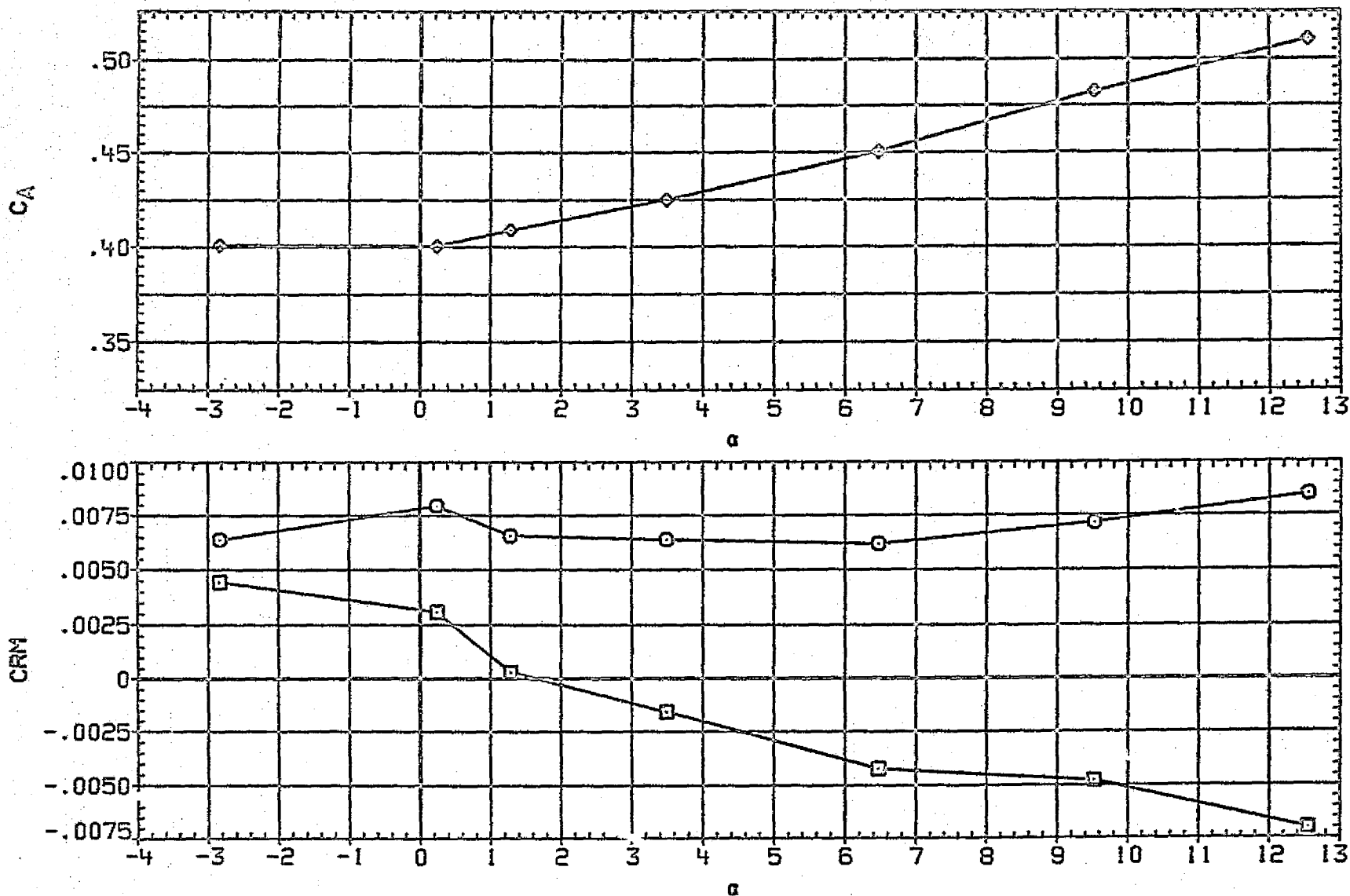


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ215) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.992 BETA .000
□	CRM	D1 6.000 D3 6.000
◇	CA	D2 6.000 D4 6.000
		D1-3 6.000 D2-4 6.000
		PHI-C 45.000

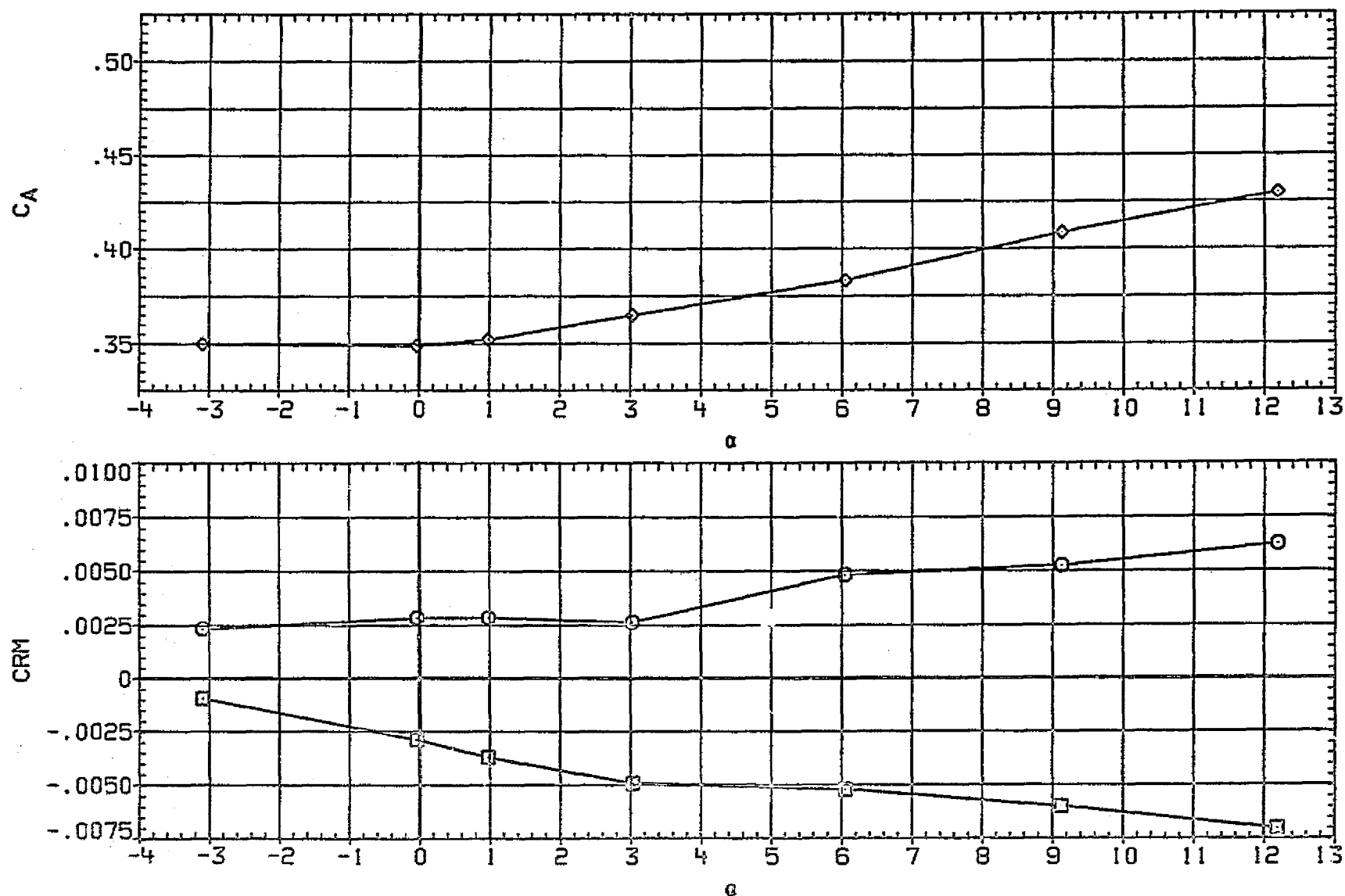


FIG. 7 BODY-CANARD CHARACTERISTICS. MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BE2216)

CONFIGURATION 12 (BN1C4)

SYMBOL

DATA

PARAMETRIC VALUES

○
□
◇
△

CN
CN3
CM
CM3

MACH
D1
D2
D1-3
FHI-C

1.502
9.000
9.000
9.000
45.000

BETA
D3
D4
D2-4

.000
9.000
9.000
9.000

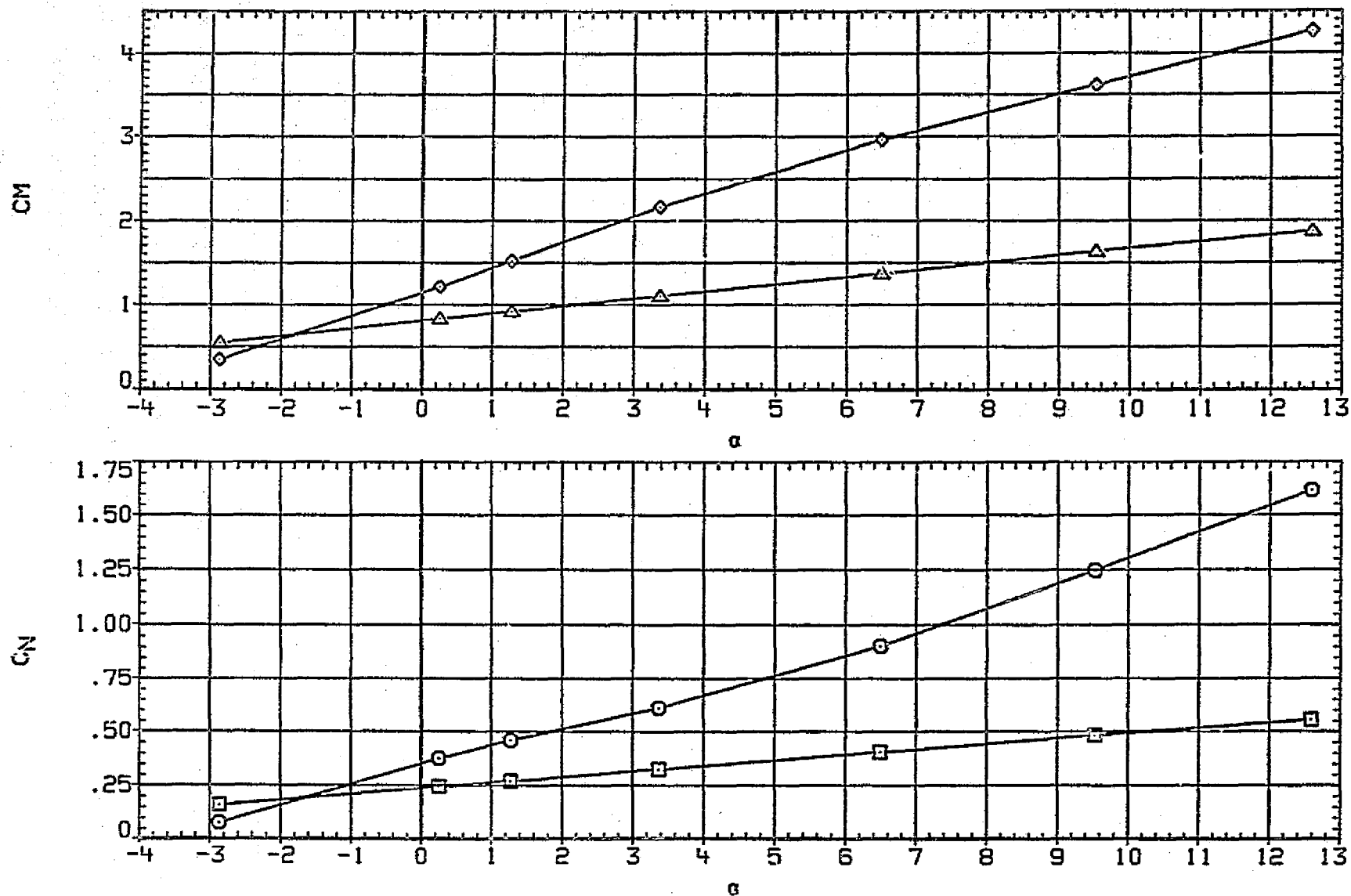


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ216) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	HACH 1.992 BETA .000
□	CNS	D1 9.000 D3 9.000
◇	CM	D2 9.000 D4 9.000
△	CMS	D1-3 9.000 D2-4 9.000
		PHI-C 45.000

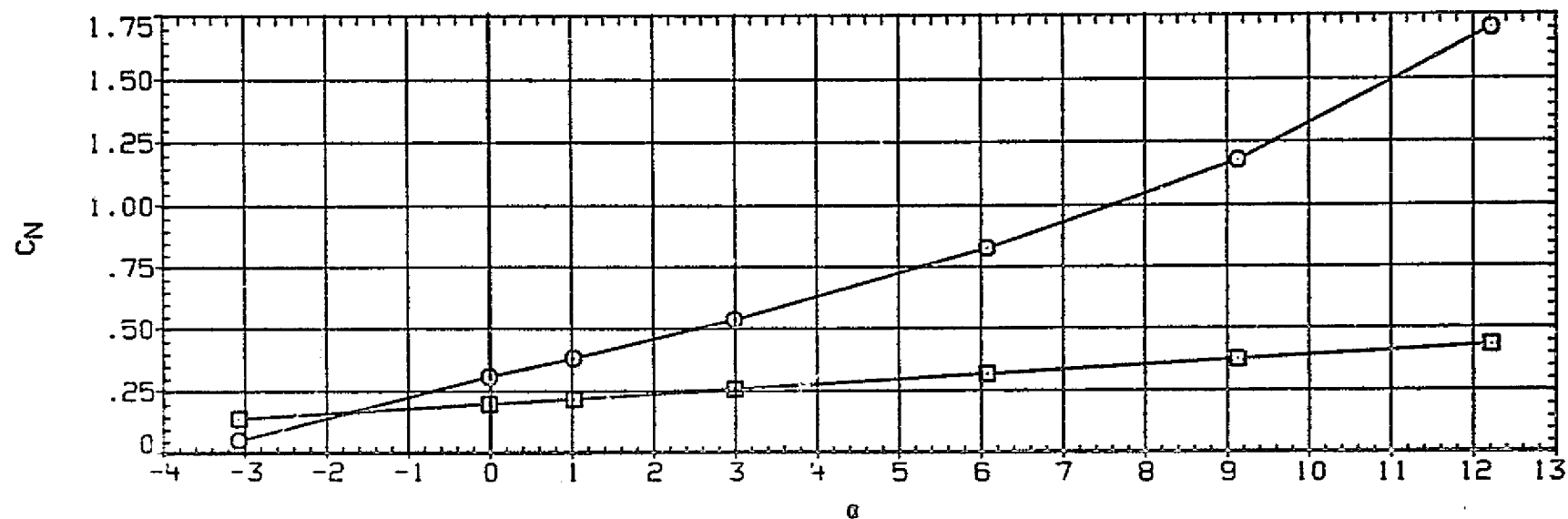
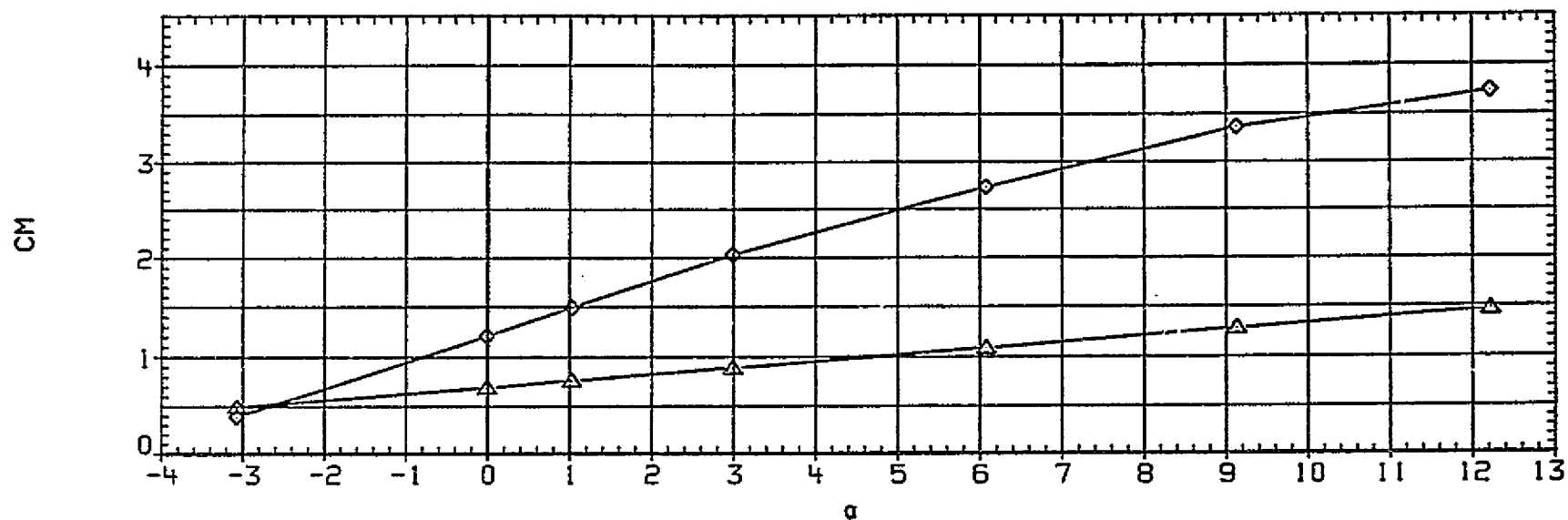


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(8E2216) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CY	1.502	BETA .000
□	CYB	D1 9.000	D3 9.000
◇	CYM	D2 9.000	D4 9.000
△	CYB	D1-3 9.000	D2-4 9.000
		PHI-C 45.000	

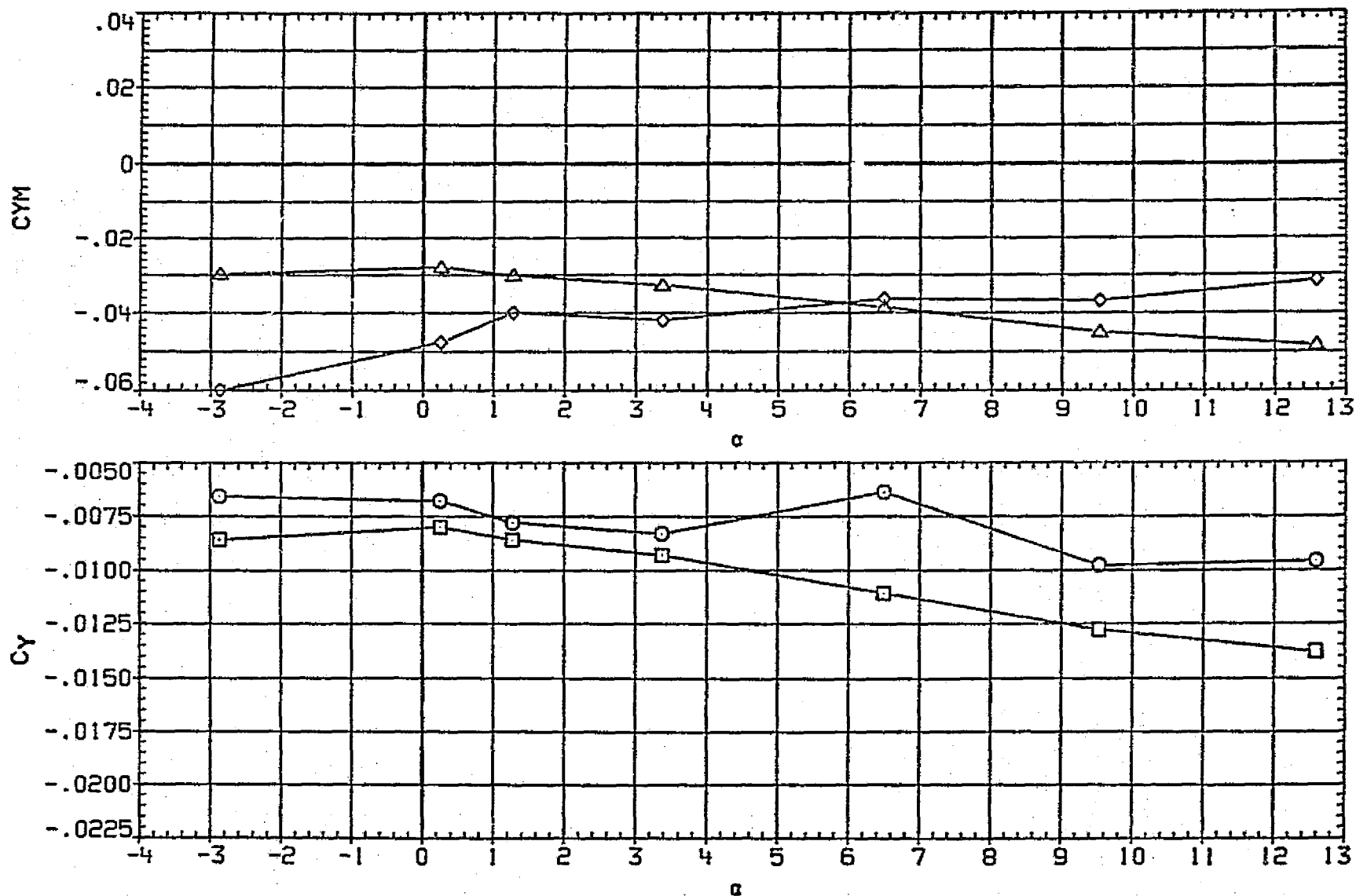


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ216) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.932 BETA .000
□	CYB	D1 9.000 D3 9.000
◇	CYM	D2 9.000 D4 9.000
△	CYB	D1-3 9.000 D2-4 9.000
		PHI-C 45.000

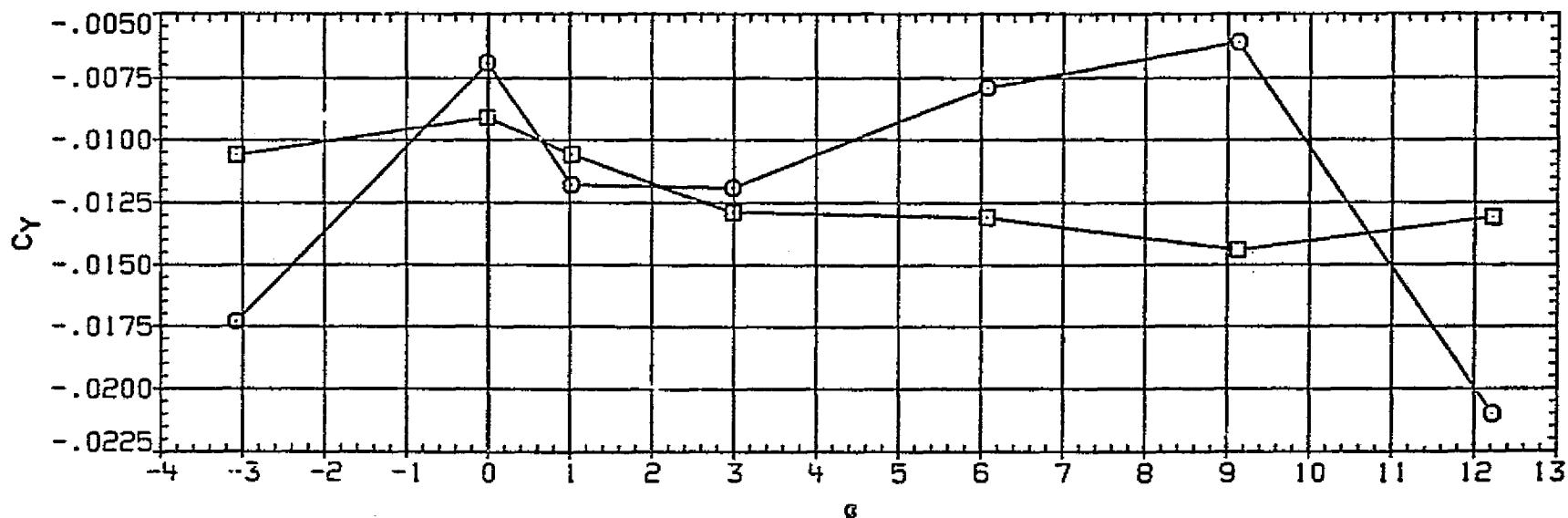
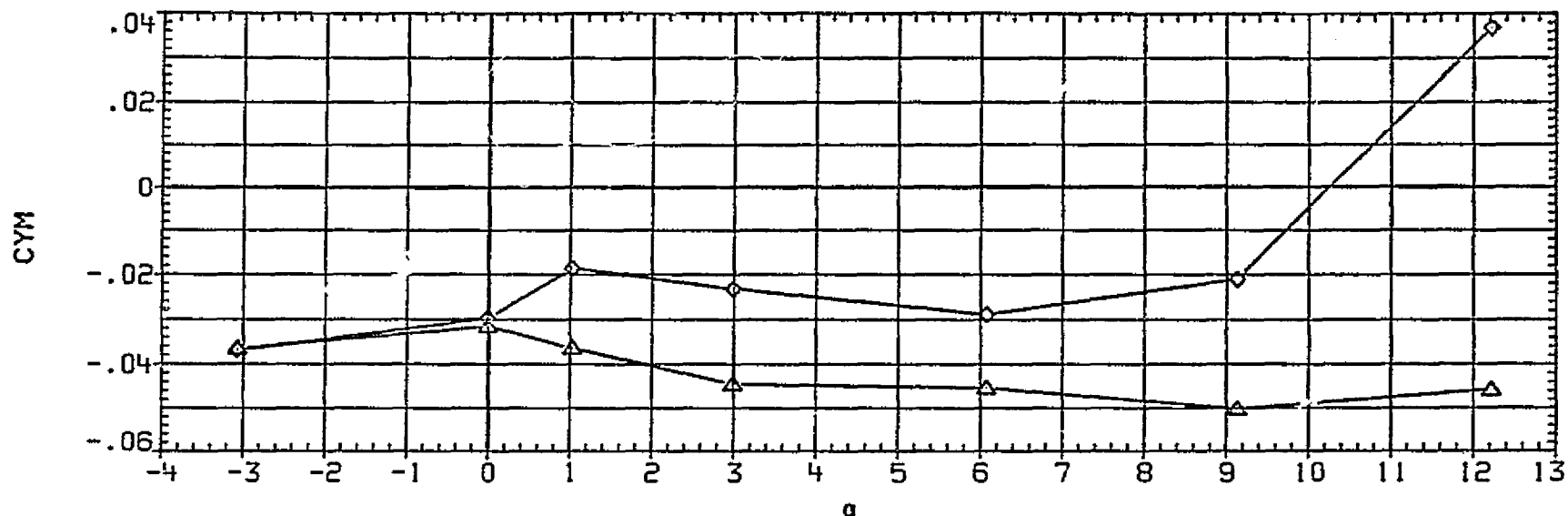


FIG. 7 BODY-CANARD CHARACTERISTICS. MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ216) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.502 BETA .000
□	CRM	D1 9.000 D3 9.000
◇	CA	D2 9.000 D4 9.000
		D1-3 9.000 D2-4 9.000
		PH: -C 45.000

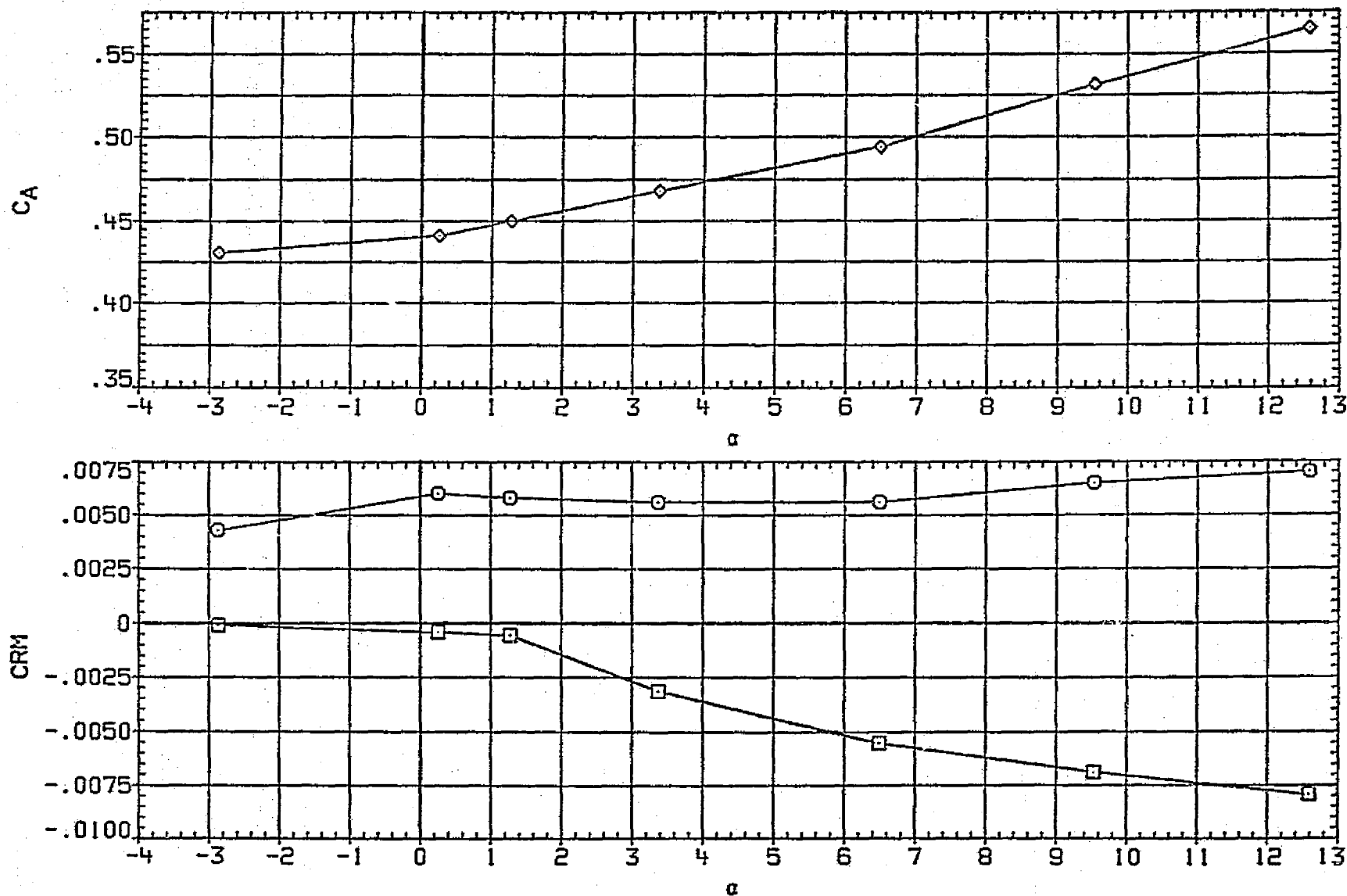


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ216) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.992 BETA .000
□	CRM	D1 9.000 D3 9.000
◇	CA	D2 9.000 D4 9.000
		D1-3 9.000 D2-4 9.000
		PHI-C 45.000

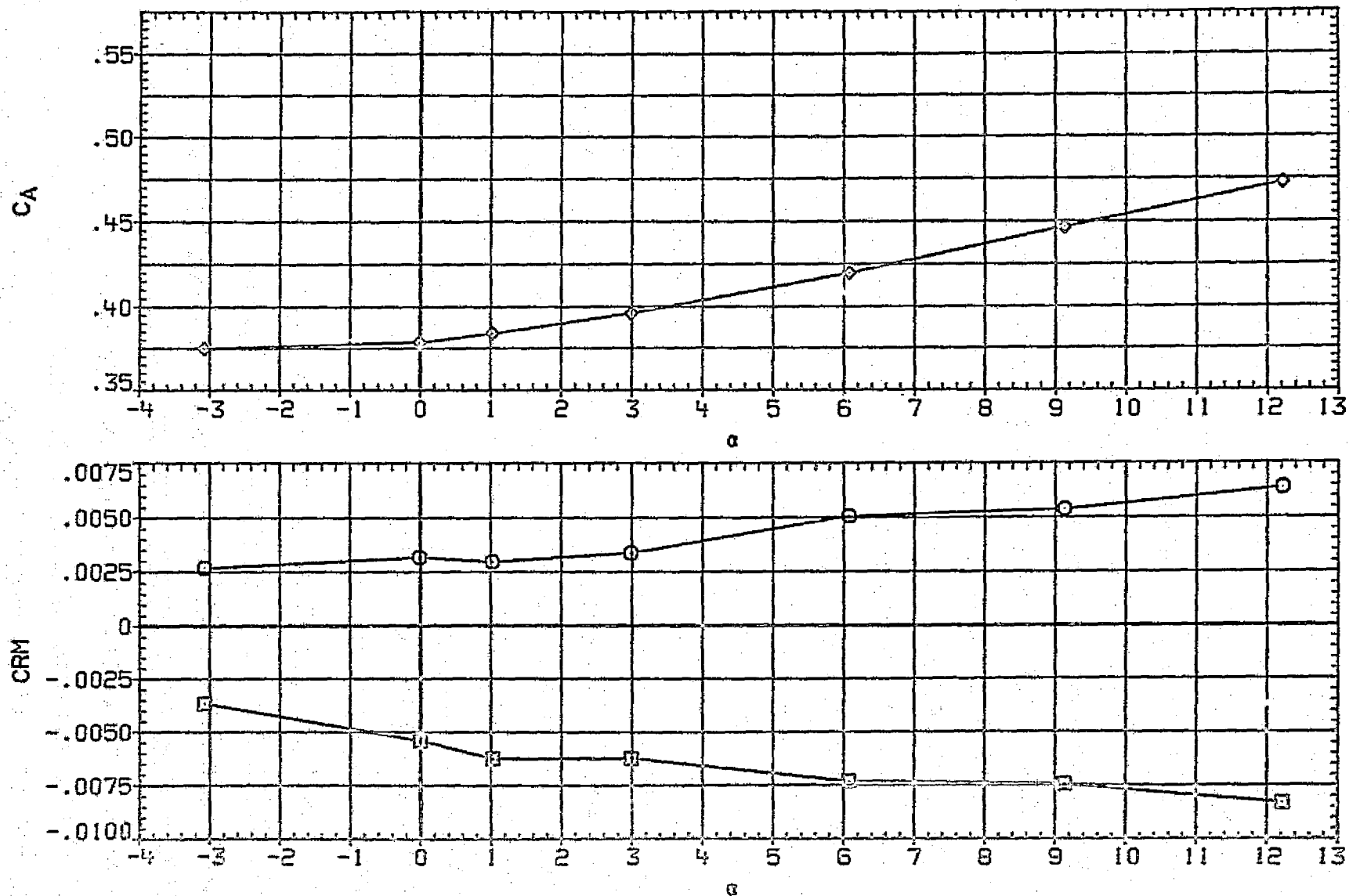


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ217) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
□	CN	MACH 1.501 BETA .000
◇	CN3	D1 15.000 D3 15.000
△	CM	D2 15.000 D4 15.000
△	CM3	D1-3 15.000 D2-4 15.000
		PHI-C 45.000

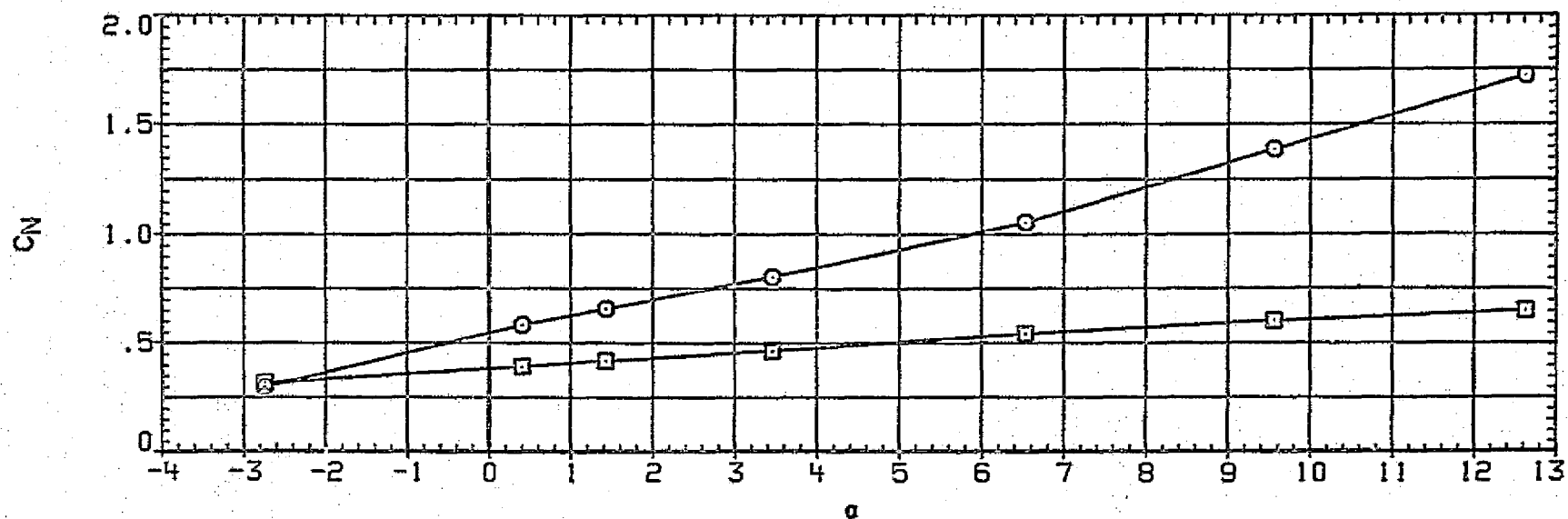
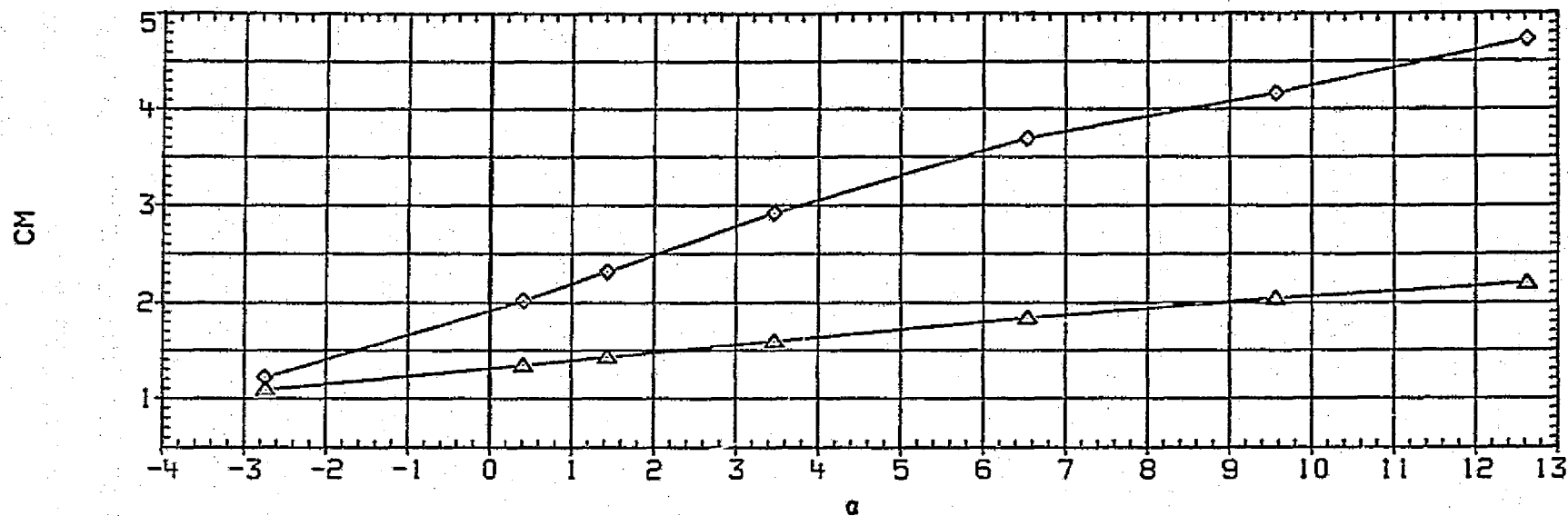


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ217) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.992 BETA .000
□	CN3	D1 15.000 D3 15.000
◇	CM	D2 15.000 D4 15.000
△	CM3	D1-3 15.000 D2-4 15.000
		PHI-C 45.000

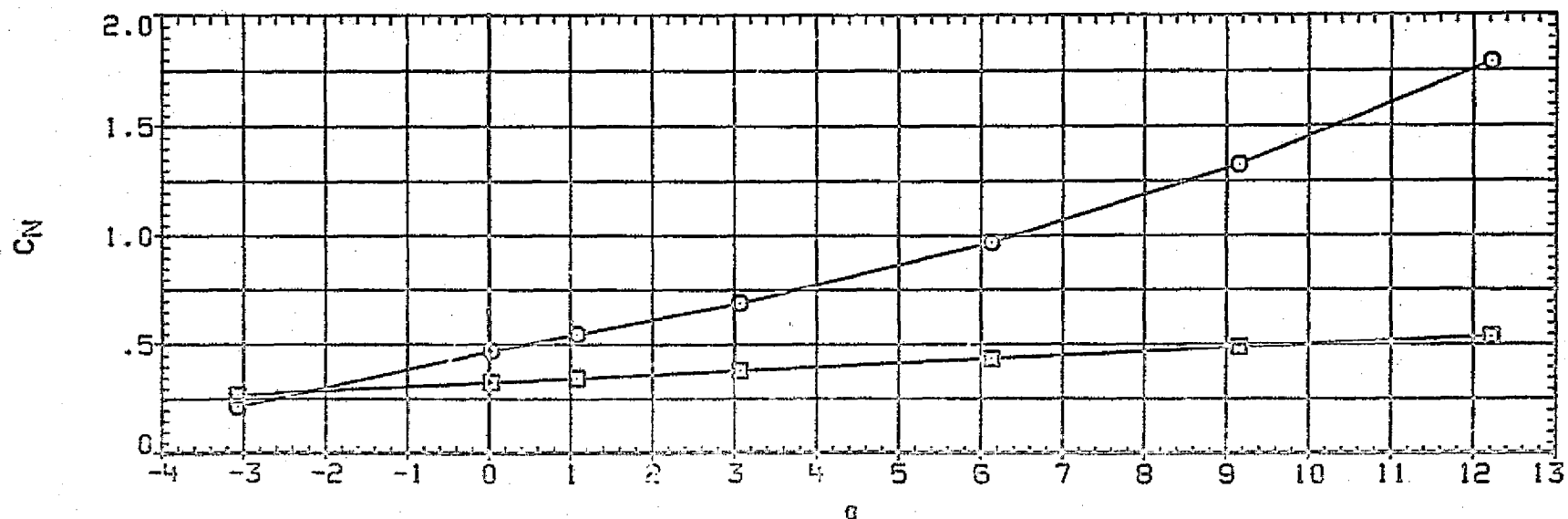
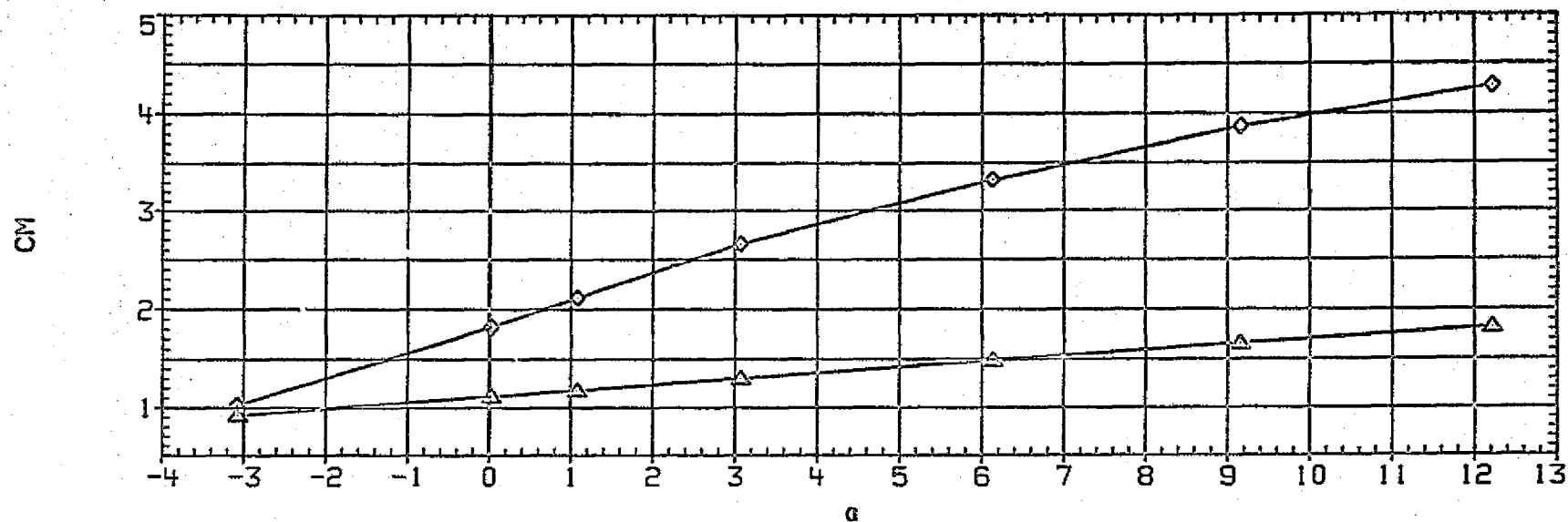


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ217) CONFIGURATION 12 (BN104)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	VALUES
○	CY	D1	1.501	D3	.000
◇	CYB	D2	15.000	D4	15.000
△	CYM	D1-3	15.000	D2-4	15.000
	CYM3	PHI-C	45.000		

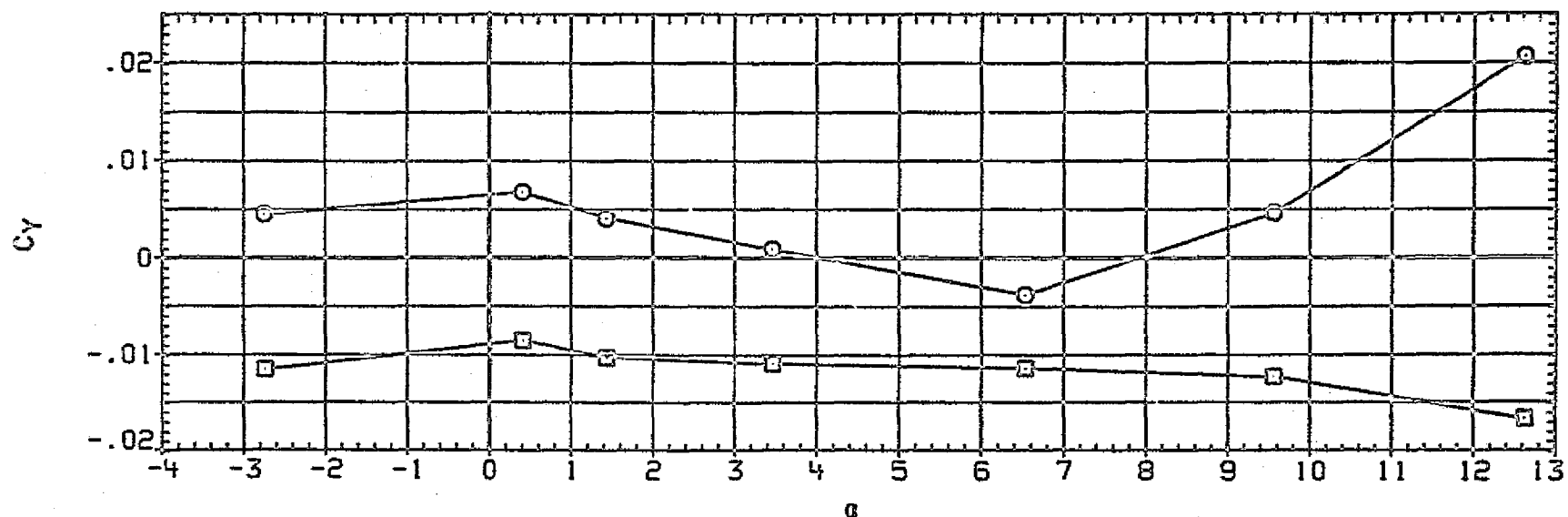
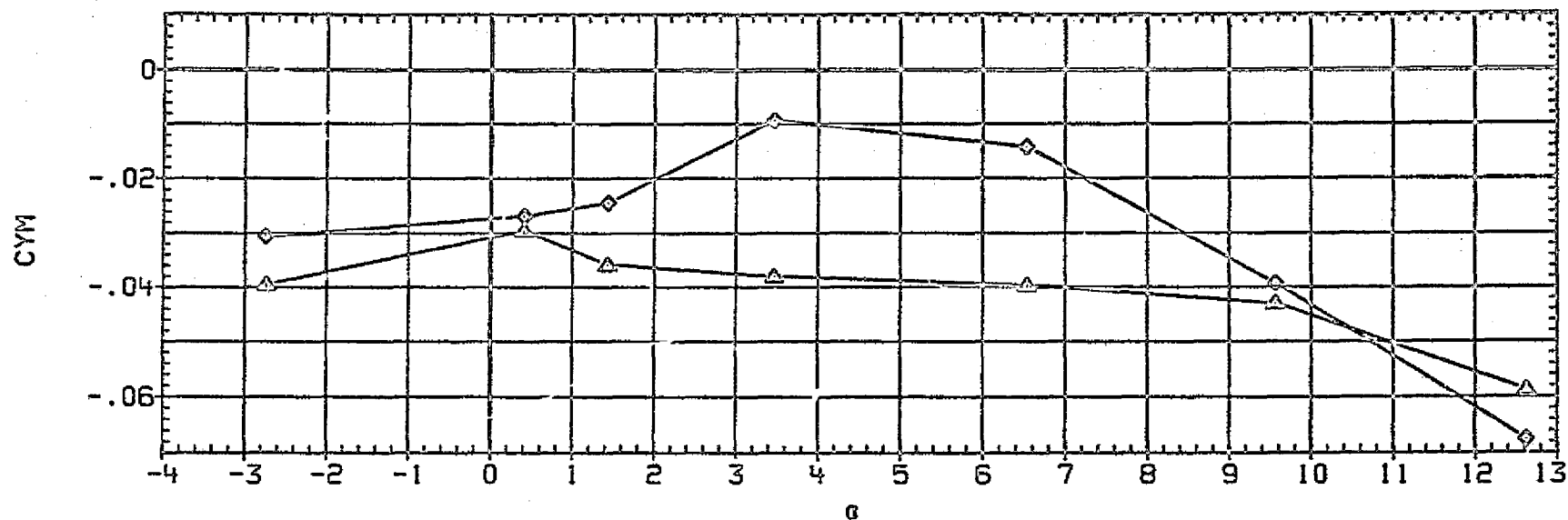


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ217) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CY	MACH 1.992 BETA .000
□	CYB	D1 15.000 D3 15.000
△	CYM	D2 15.000 D4 15.000
	CYB	D1-3 15.000 D2-4 15.000
		PHI-C 45.000

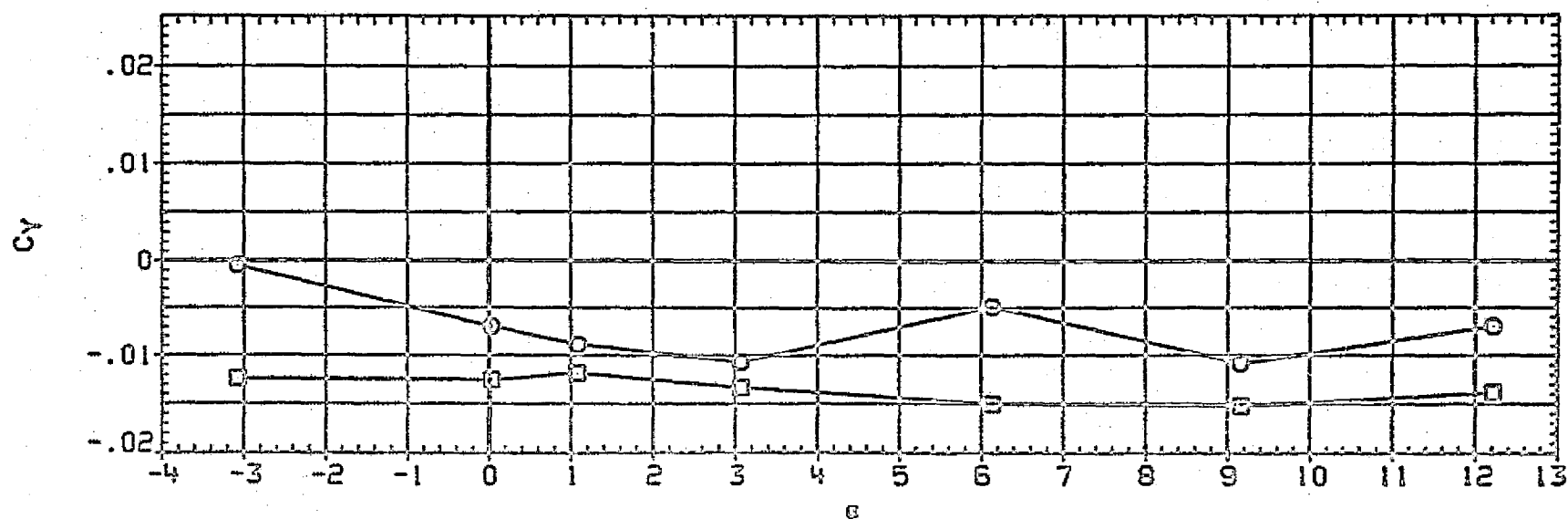
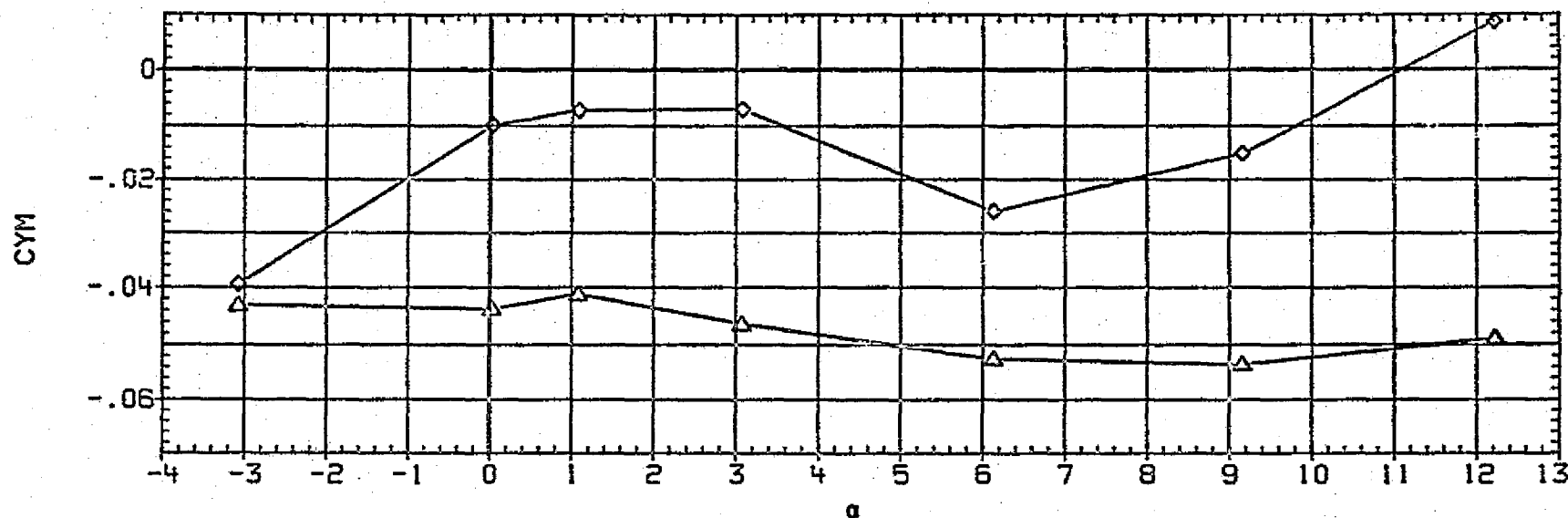


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ217) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.501
◇	CRM	D1 15.000
◇	CRM	D2 15.000
◇	CRM	D1-3 15.000
◇	CRM	FMI-C 45.000
◇	CA	ETA .000
◇	CA	D3 15.000
◇	CA	D4 15.000
◇	CA	D2-4 15.000

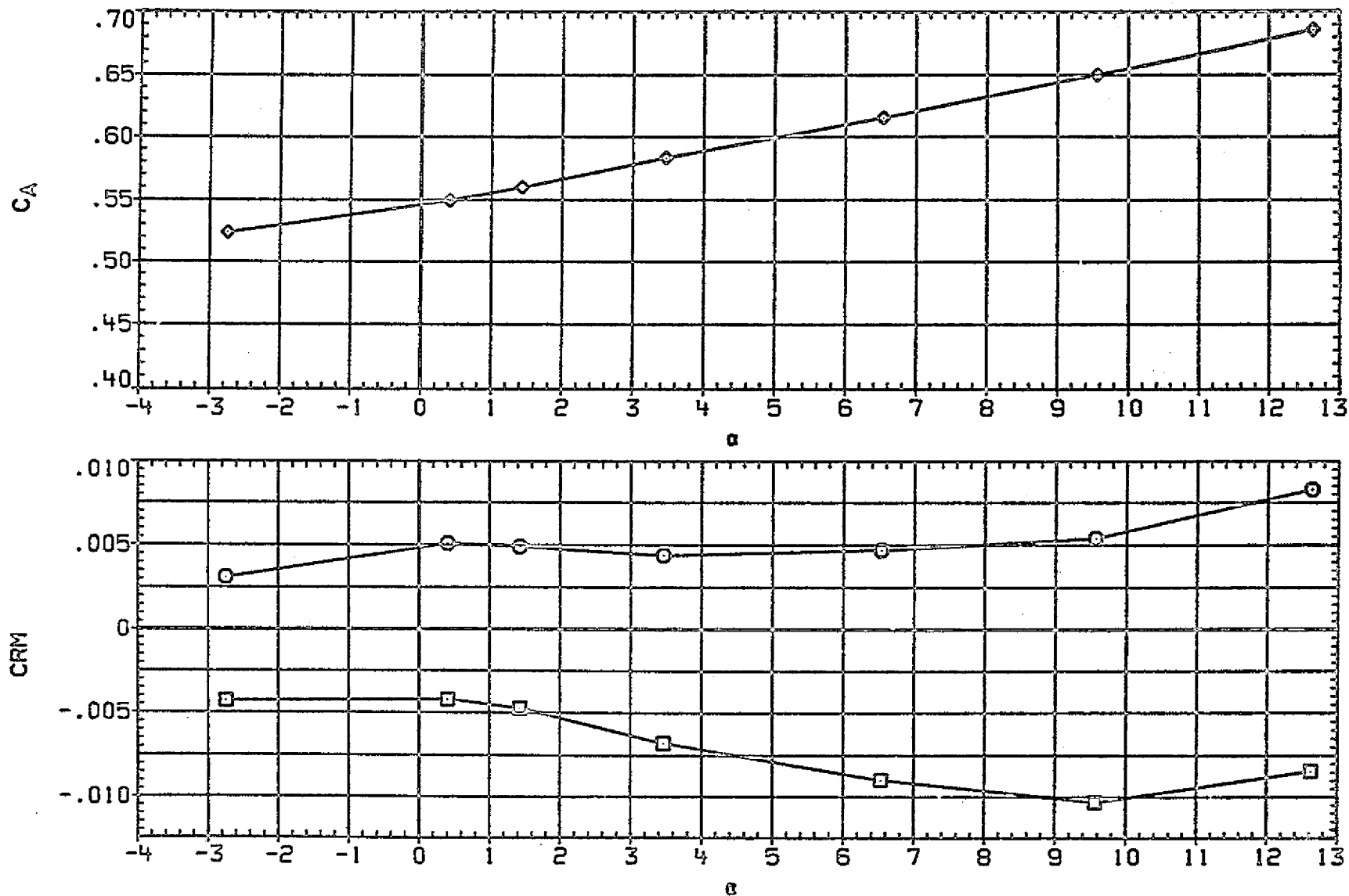


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ217) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.992 BETA .000
□	CRM	D1 15.000 D3 15.000
◇	CA	D2 15.000 D4 15.000
		D1-3 15.000 D2-4 15.000
		PHI-C 45.000

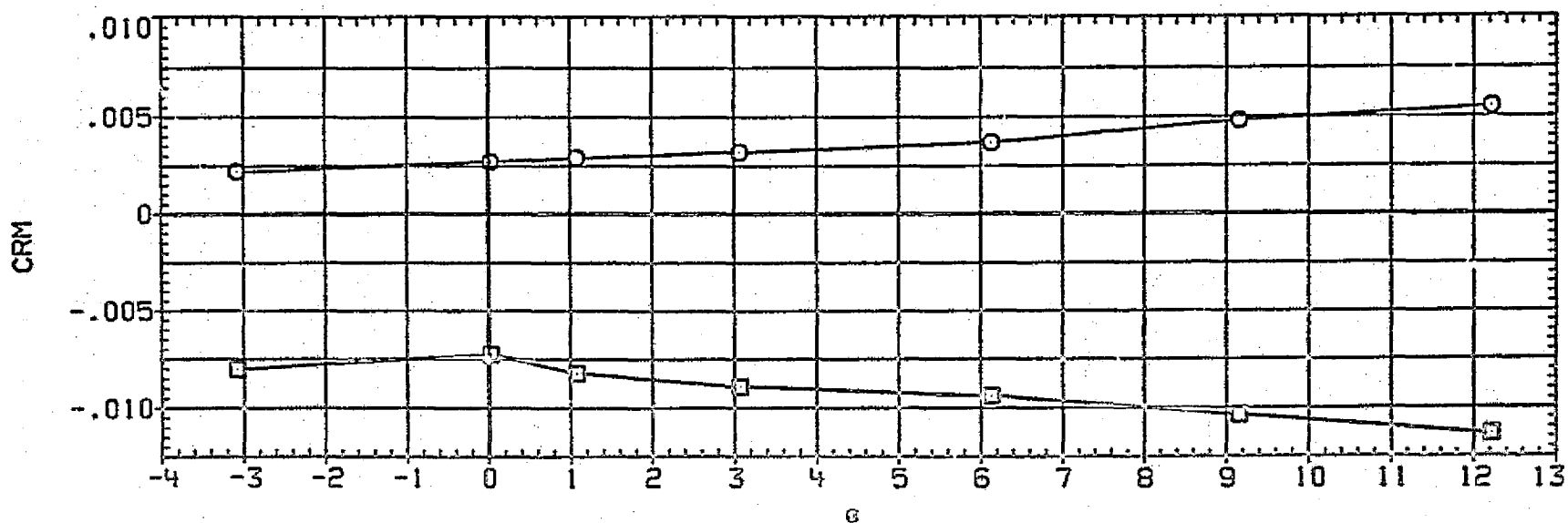
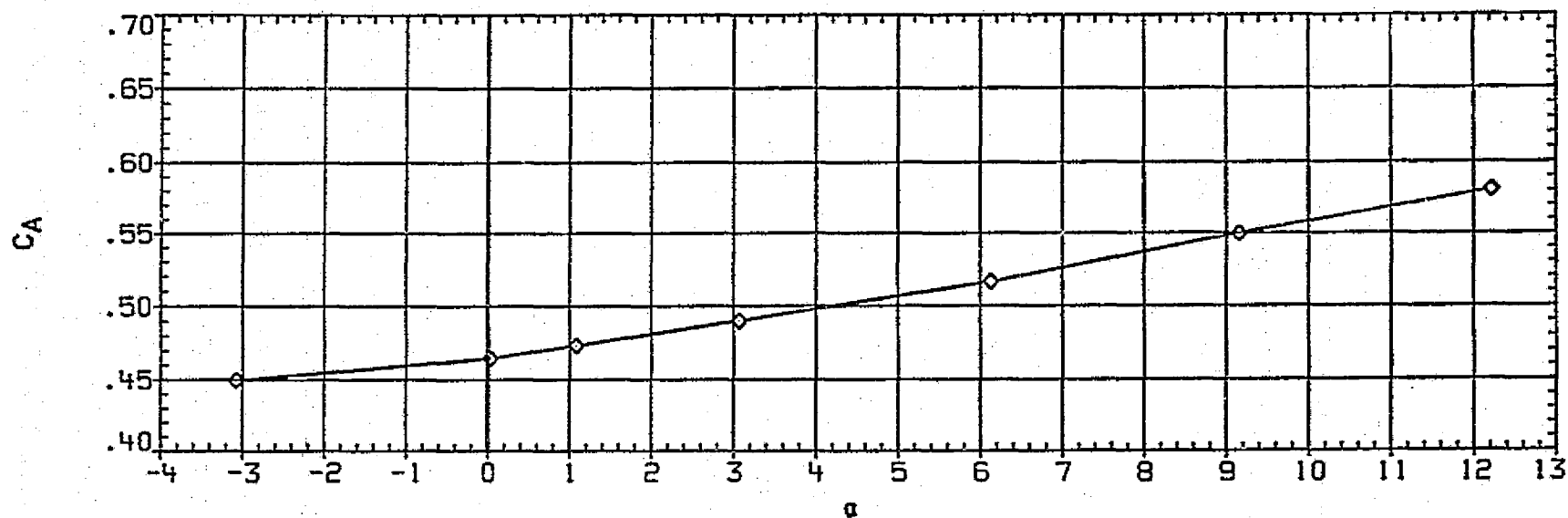


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ218) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CN	MACH 1.502
□	CNB	D1 .000
△	CM	D2 -3.000
◇	CM	D1-3 .000
△	CM	PHI-C .000
		EETA .000
		D3 .000
		D4 -3.000
		D2-4 -3.000

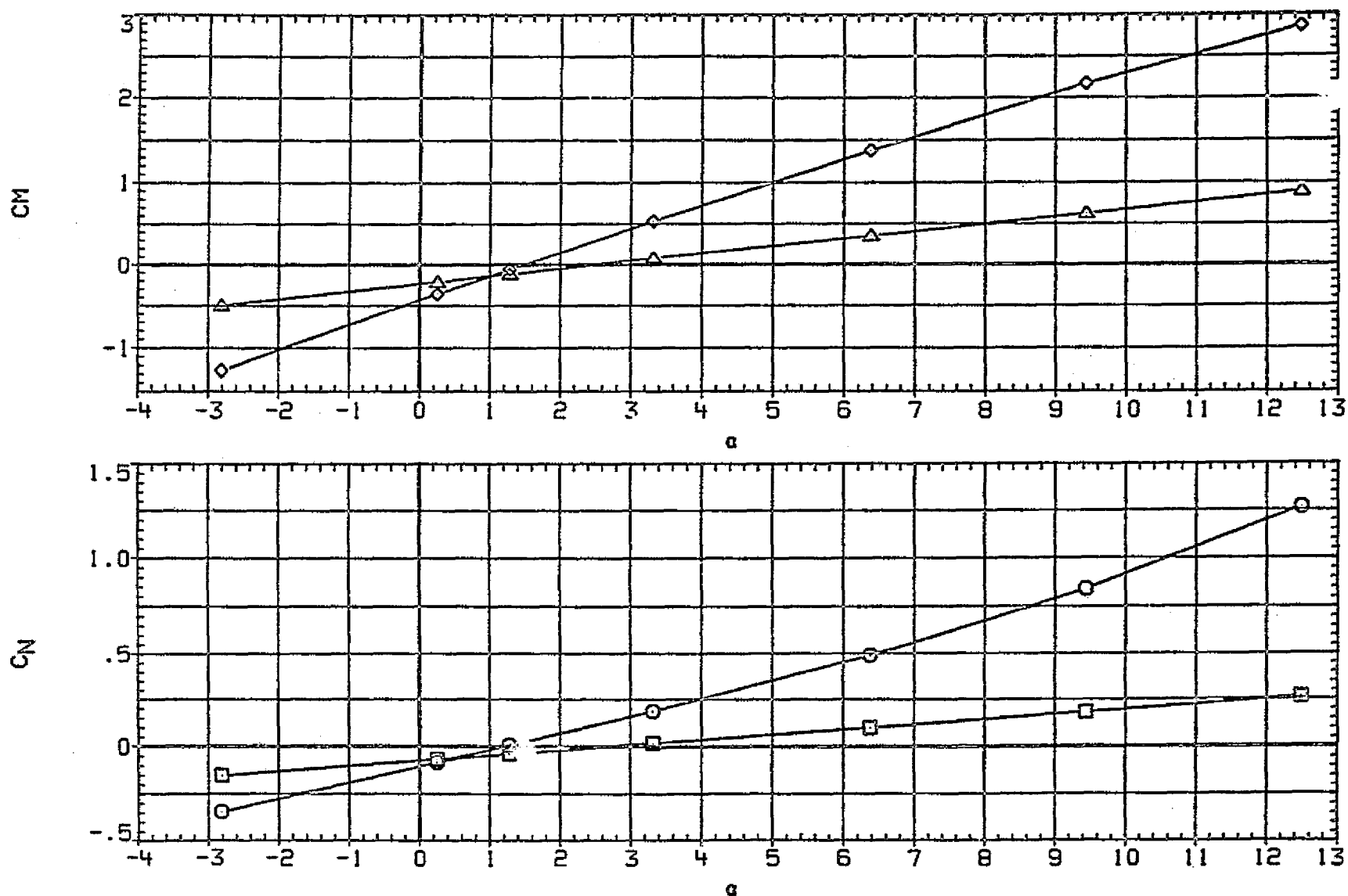


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ218) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	1.993		.000	
□	CNS	.000		.000	
◇	CH	D2	-3.000	D4	-3.000
△	CHB	D1-3	.000	D2-4	-3.000
		PHI-C	.000		

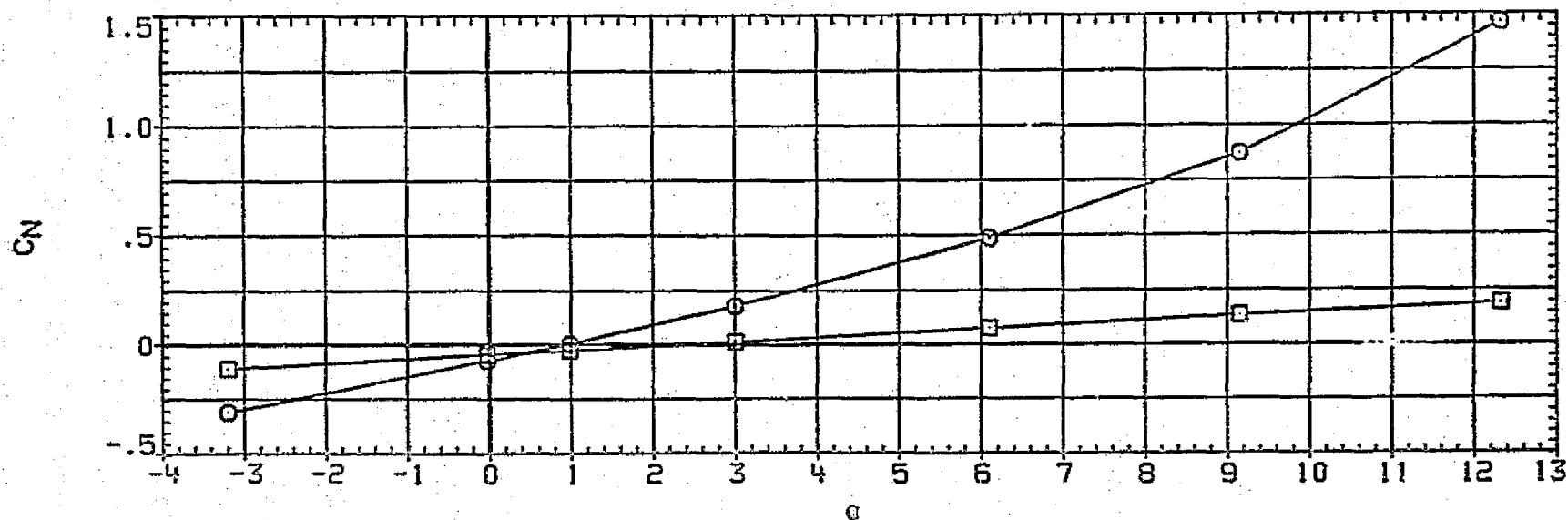
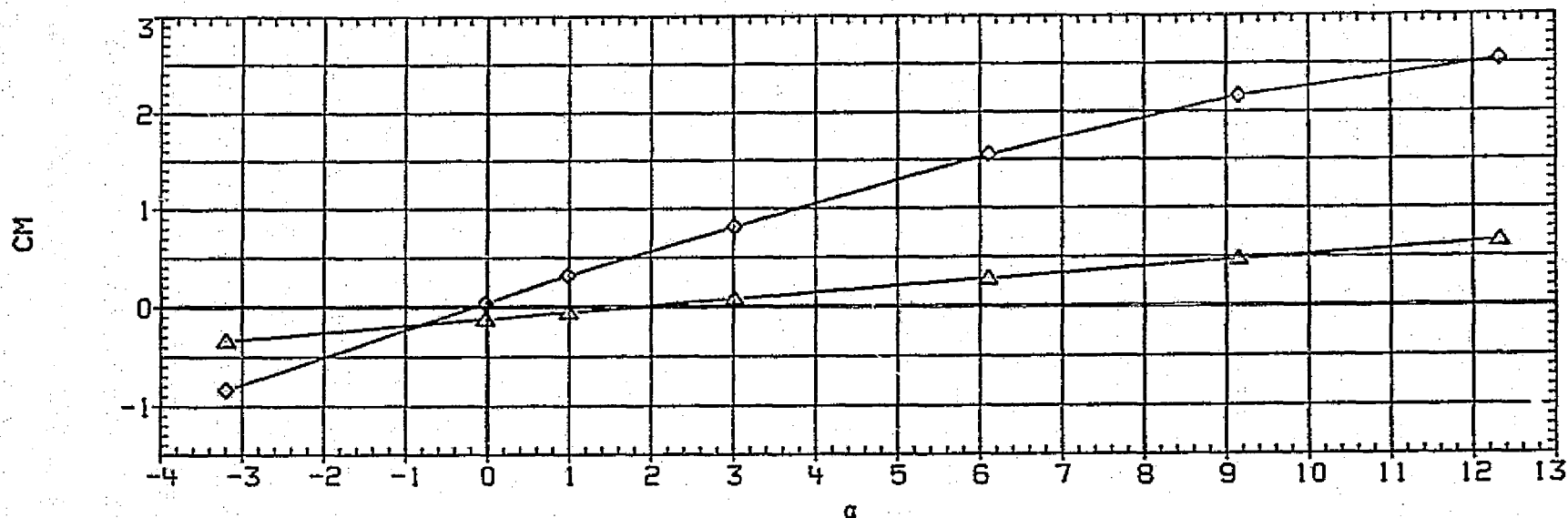


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ218) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
□	CY	MACH 1.502 BETA .000
◇	CYB	D1 .000 D3 .000
△	CYM	D2 -3.000 D4 -3.000
◇	CYM3	D1-3 .000 D2-4 -3.000
		PHI-C .000

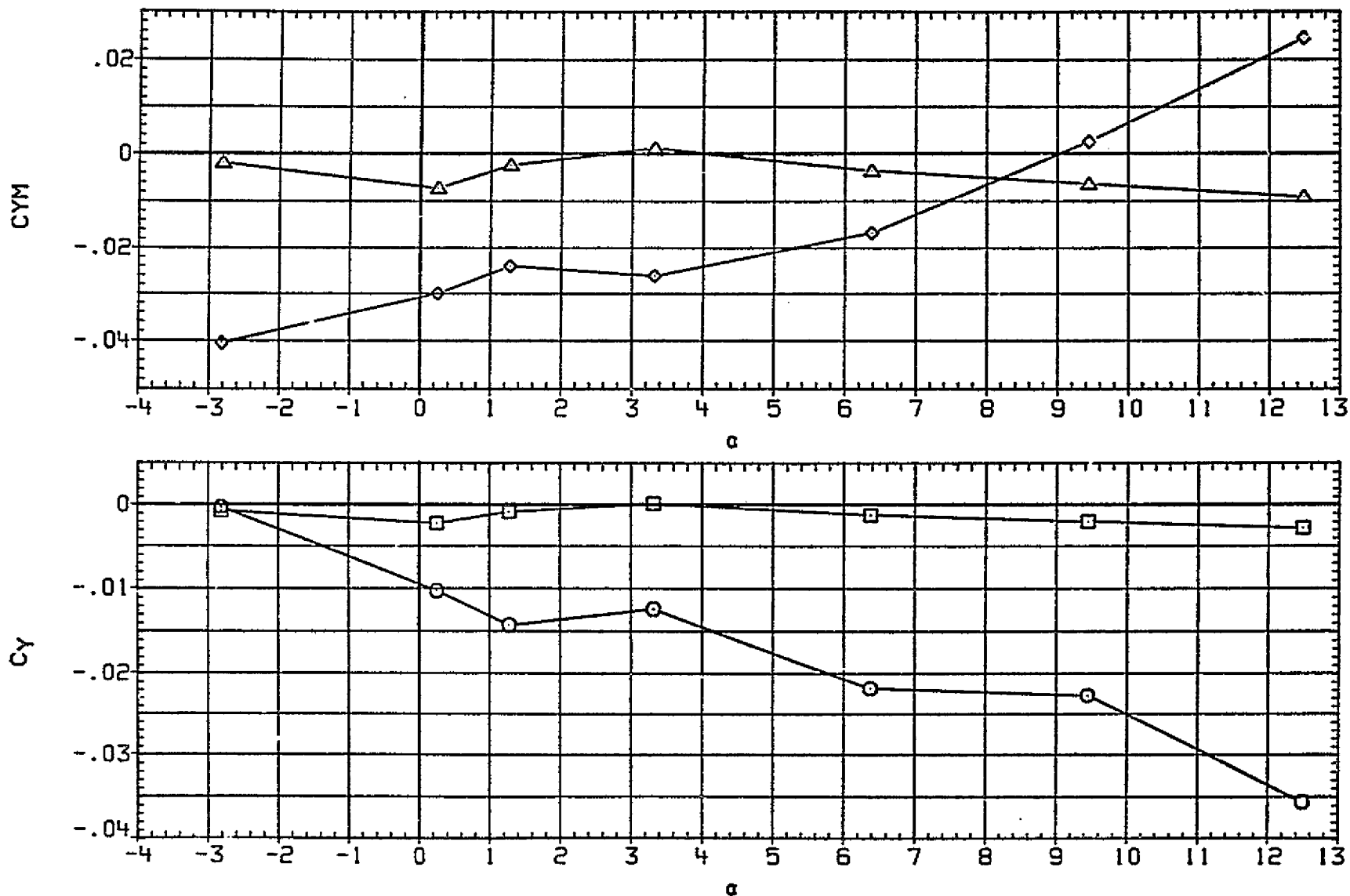


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ218) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.993 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 -3.000 D4 -3.000
△	CYB	D1-3 .000 D2-4 -3.000
		PHI-C .000

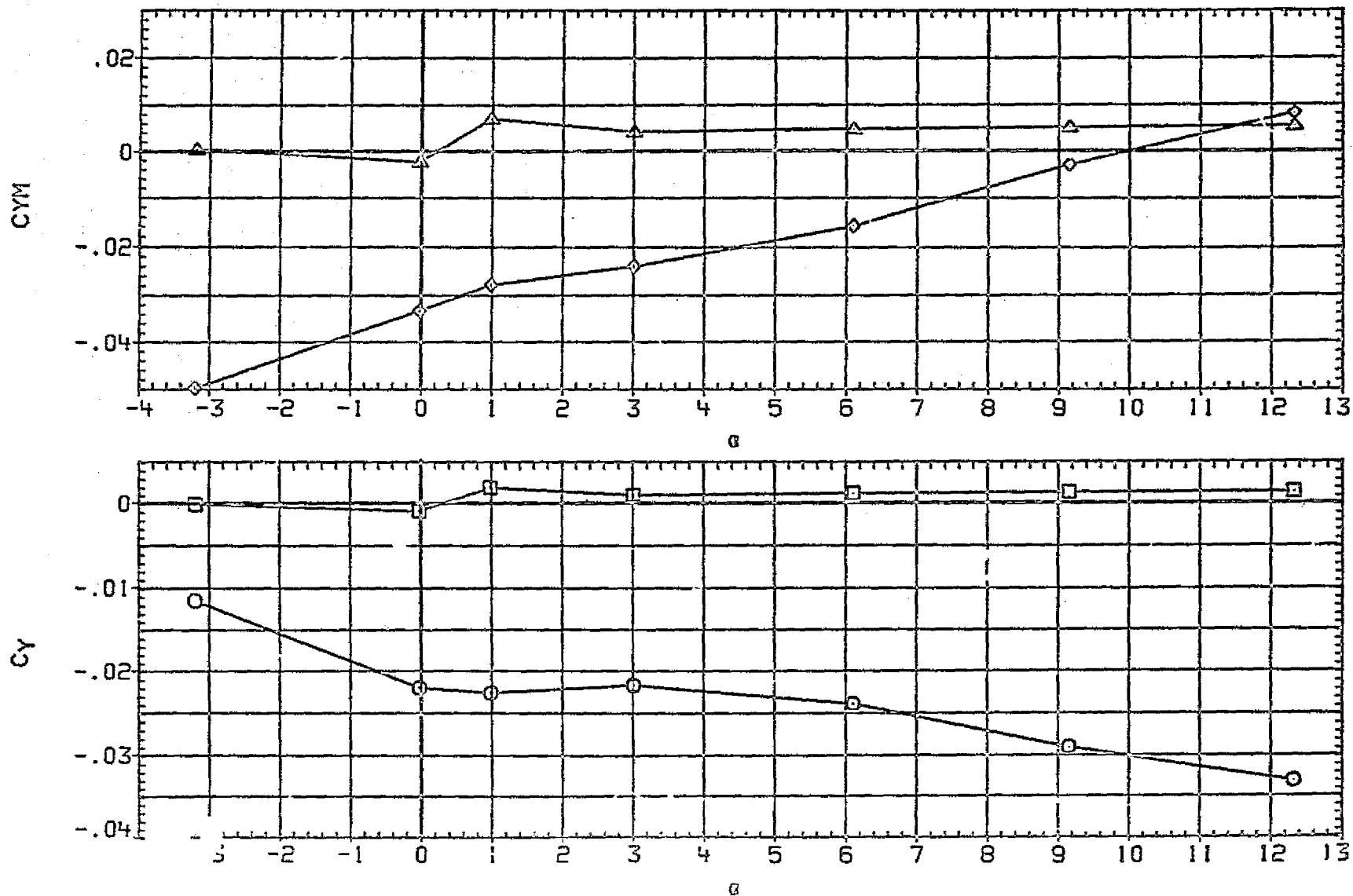


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ218) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
□	CRM	HACH 1.502 EETA .000
◇	CRM	D1 .000 D3 .000
◇	CA	D2 -3.000 D4 -3.000
		D1-3 .000 D2-4 -3.000
		PHI-C .000

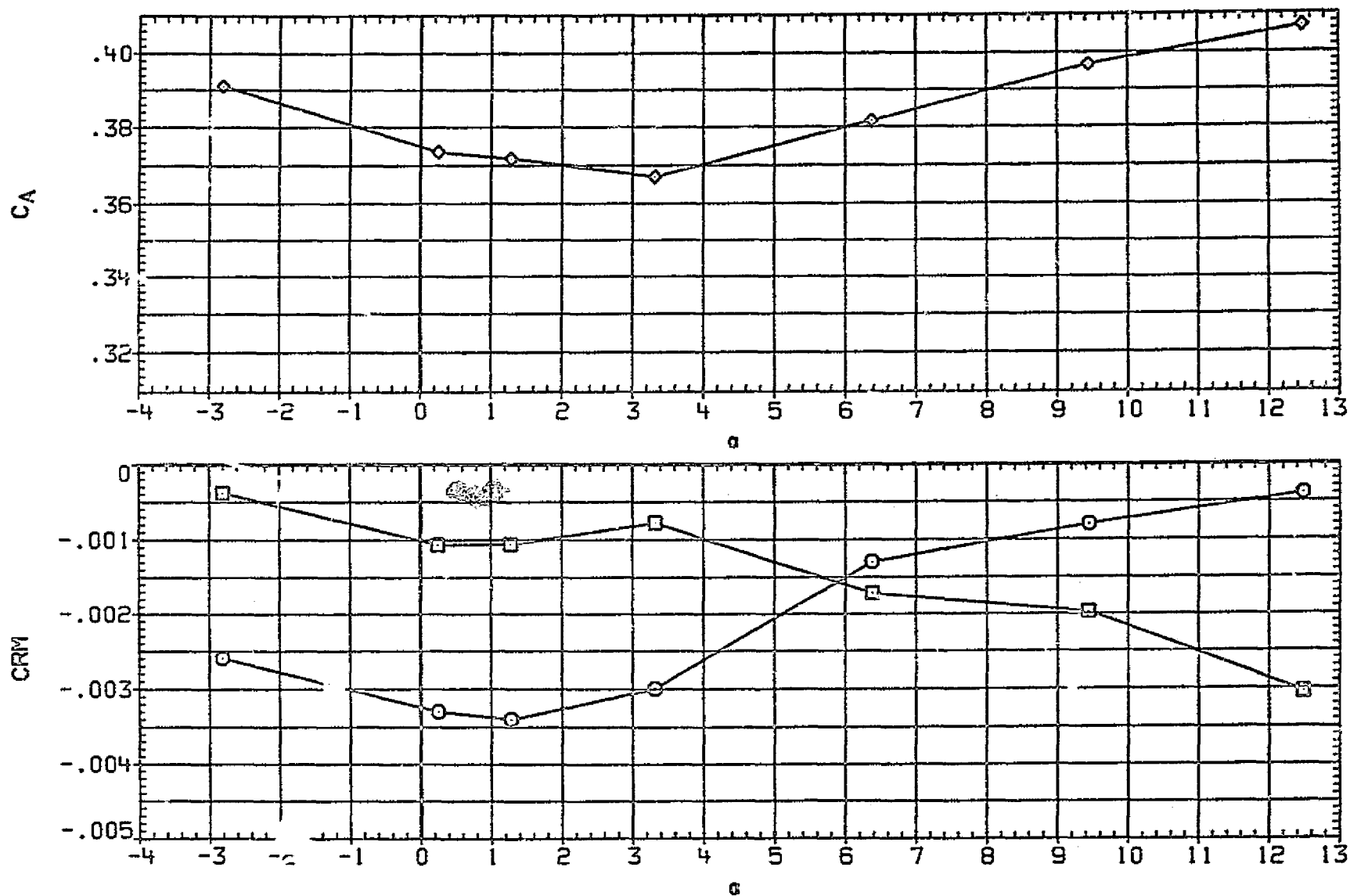


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ218) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.993 BETA .000
□	CRM	D1 .000 D3 .000
◇	CA	D2 -3.000 D4 -3.000
		D1-3 .000 D2-4 -3.000
		PHI-C .000

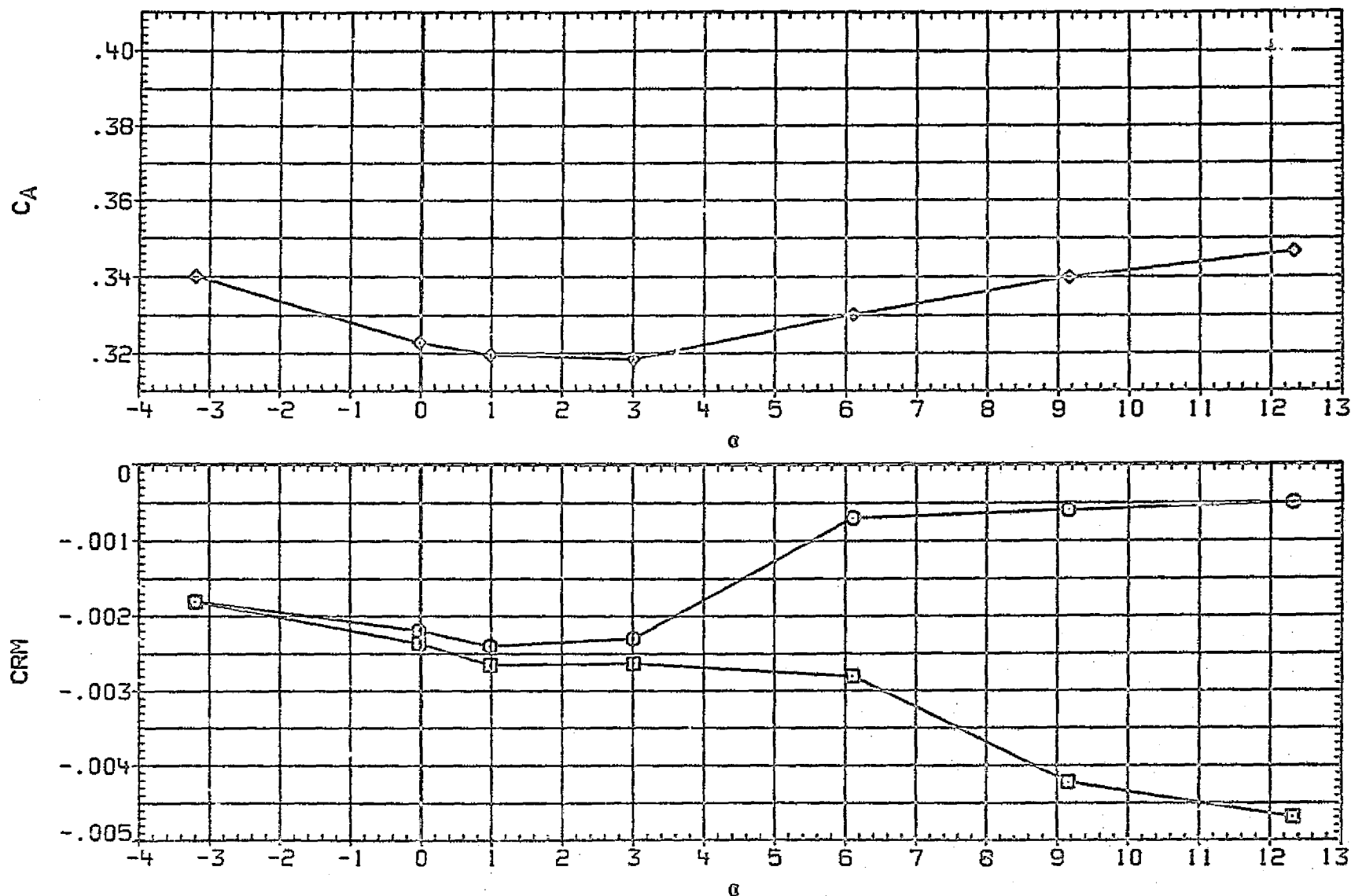


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ219) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	1.499	D1	.000	.000
□	CNB	.000	D2	.000	.000
◇	CM	.000	D1-3	.000	.000
△	CMB	.000	PHI-C	.000	.000

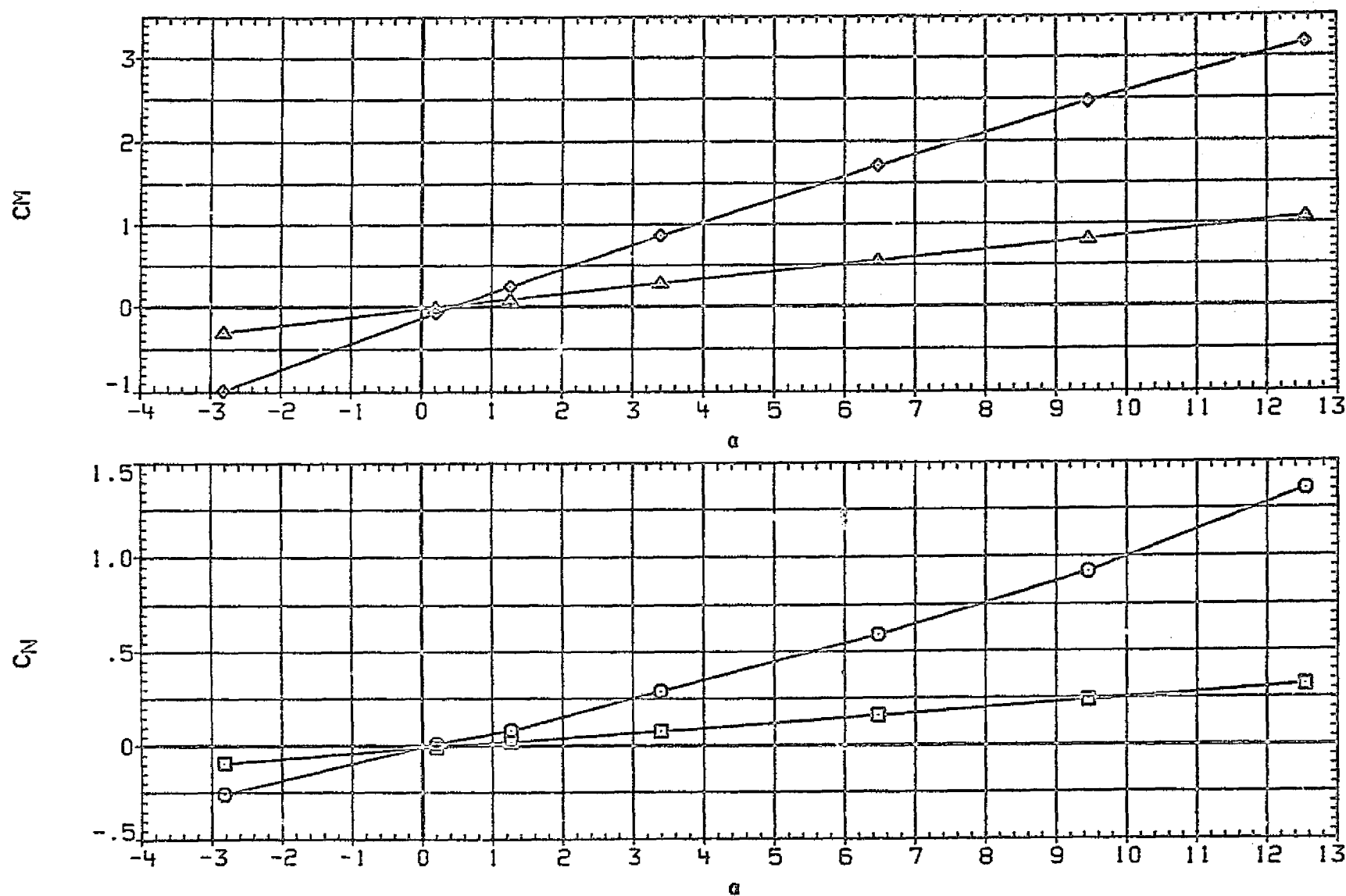


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ219) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CN	1.998	BETA .000
□	CN3	.000	D3 .000
◇	CM	.000	D4 .000
△	CMB	.000	D1-3 .000
		.000	D2-4 .000
		.000	PHI-C .000

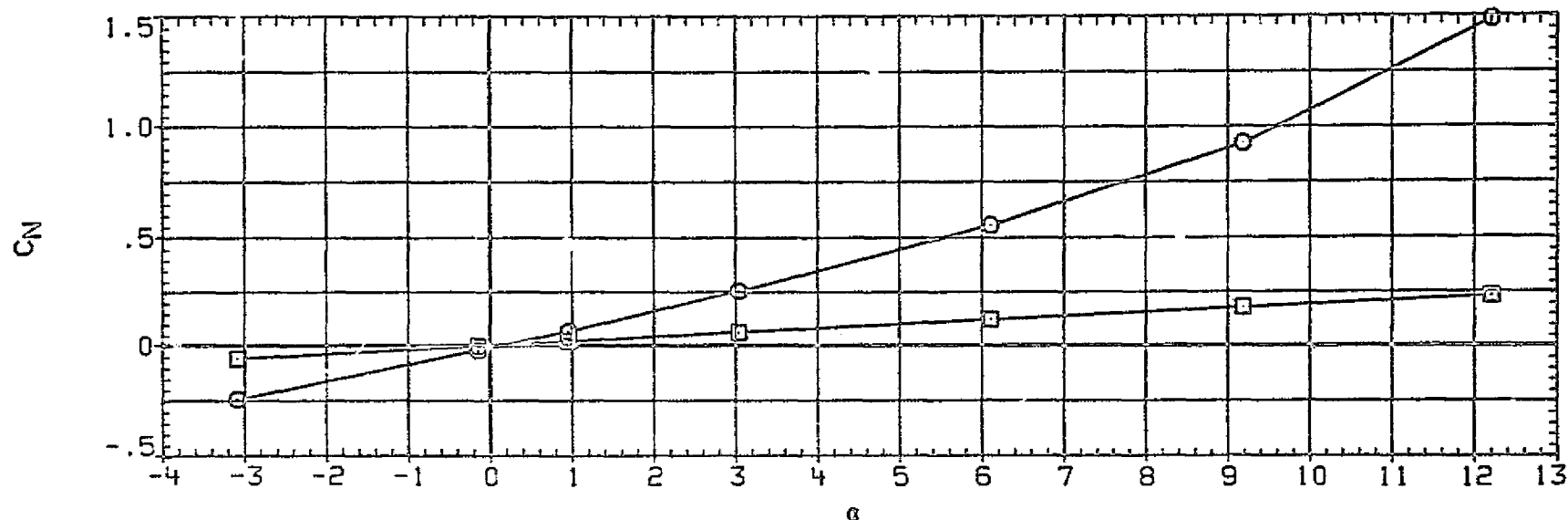
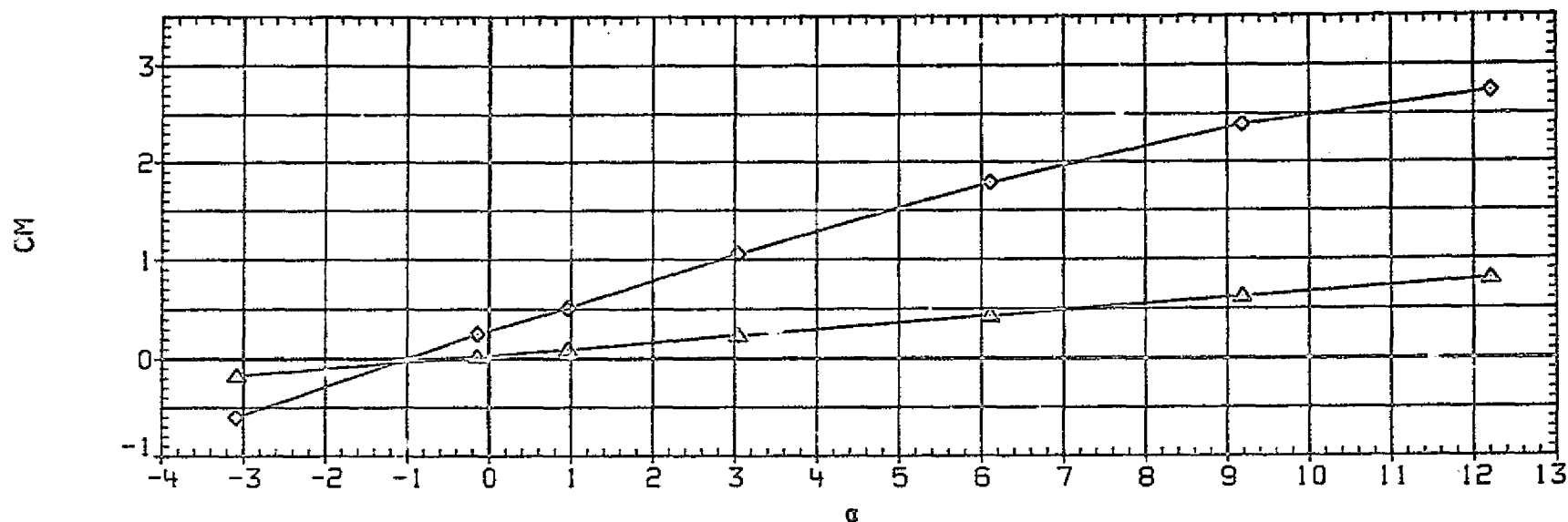


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ219) CONFIGURATION 12 (8N1C4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CY	1.488	BETA .000
□	CYB	D1 .000	D3 .000
◇	CYM	D2 .000	D4 .000
△	CYM	D1-3 .000	D2-4 .000
		FHI-C .000	

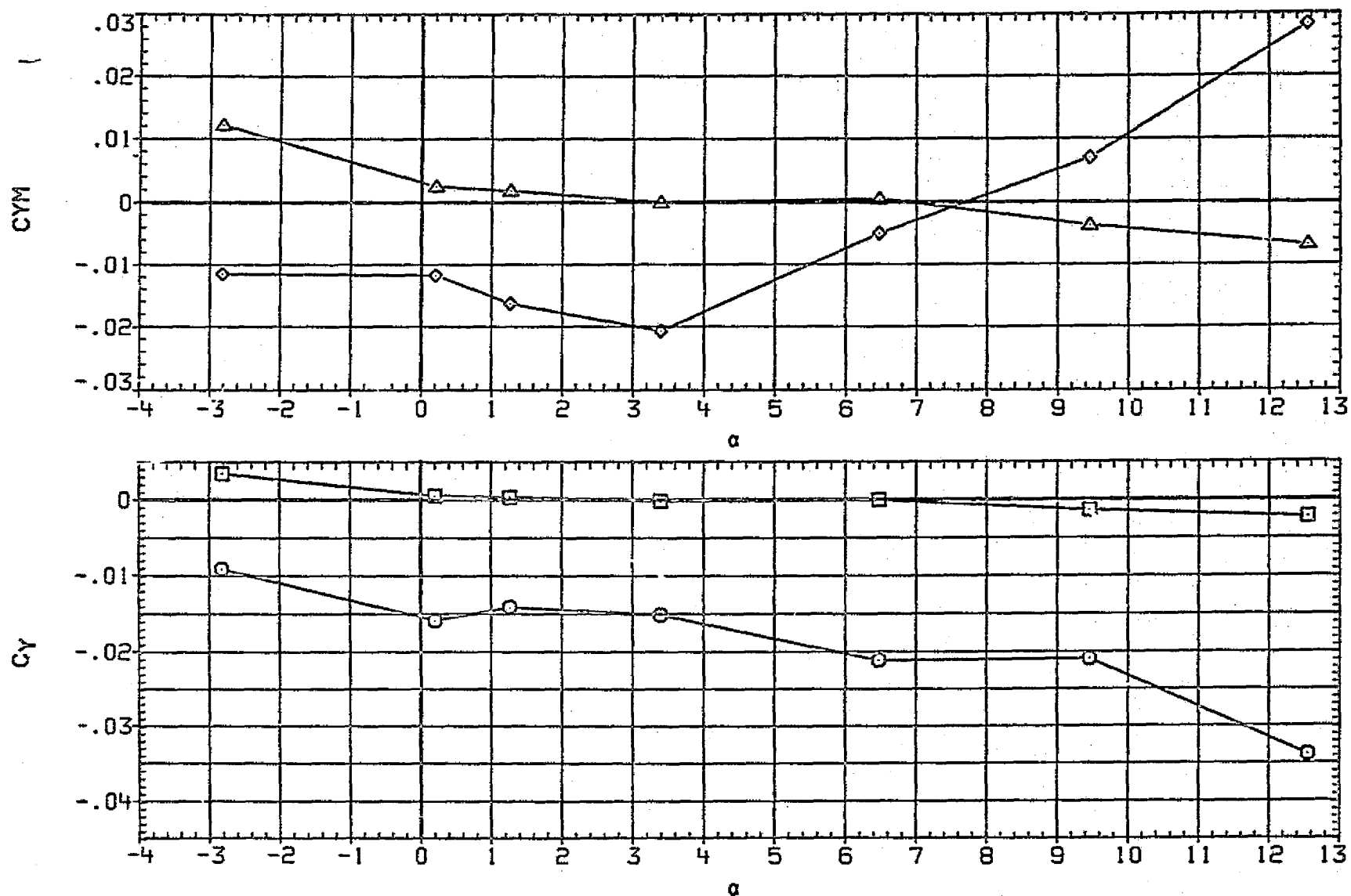


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ219) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.998 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 .000 D4 .000
△	CYM3	D1-3 .000 D2-4 .000
	PHI-C	.000

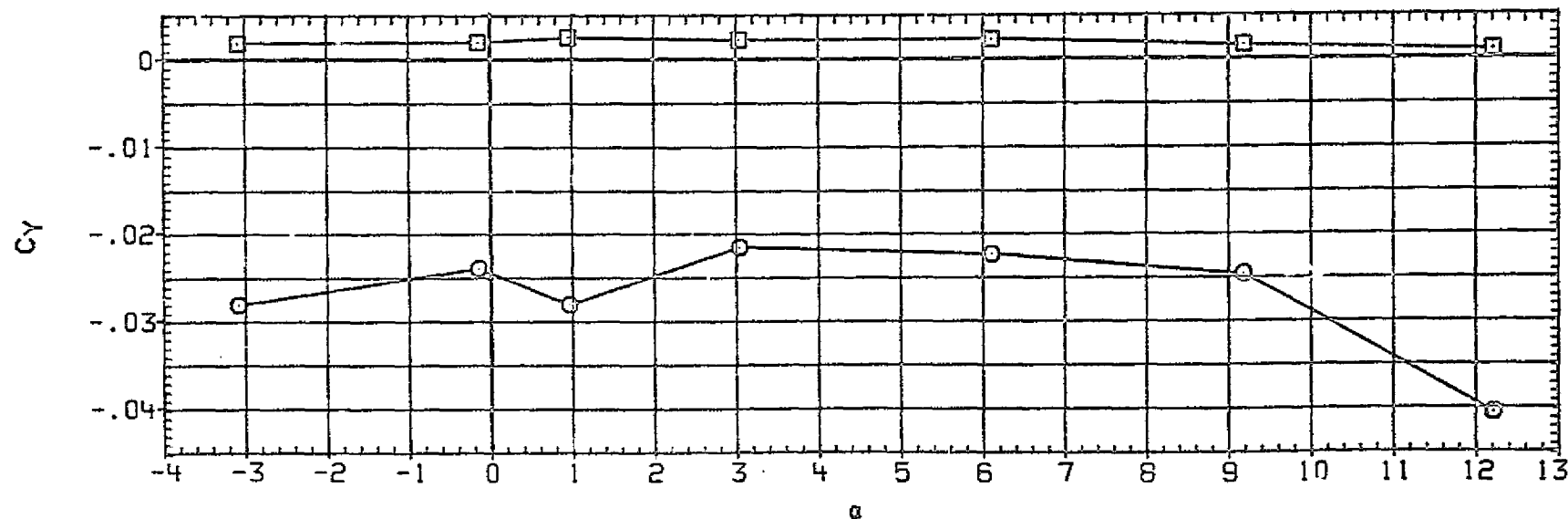
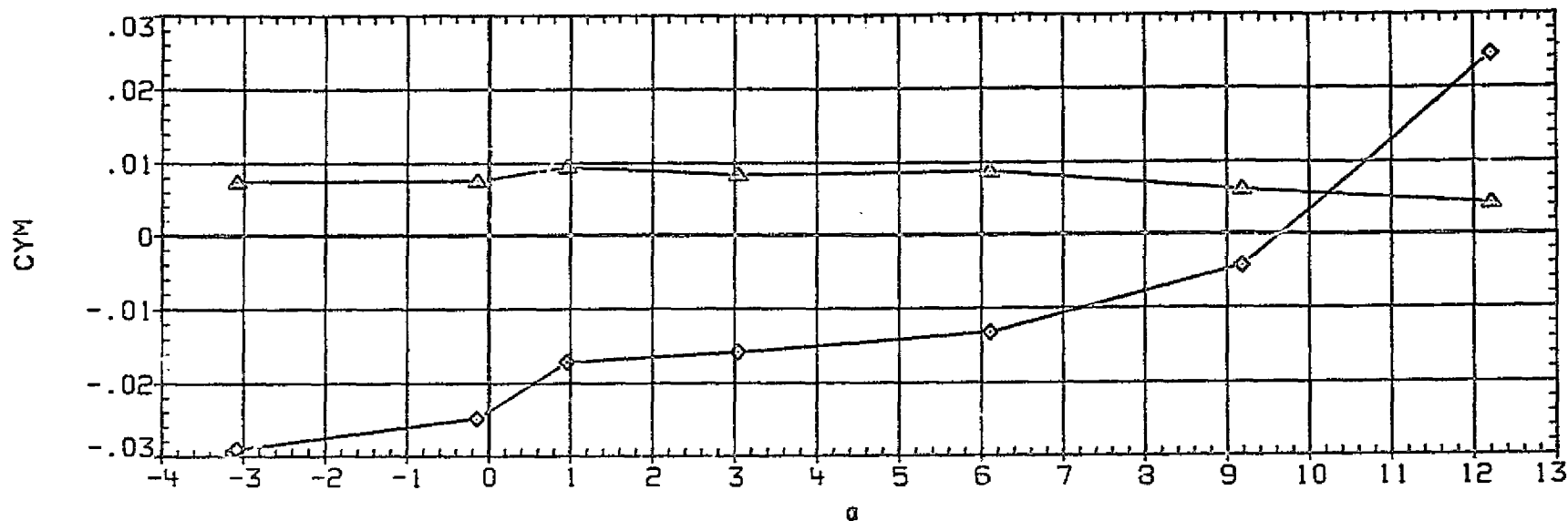


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ219) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.458
◇	CRM	D1 .000
◇	CA	D2 .000
		D1-3 .000
		PHI-C .000
		ESTA .000
		D3 .000
		D4 .000
		D2-4 .000

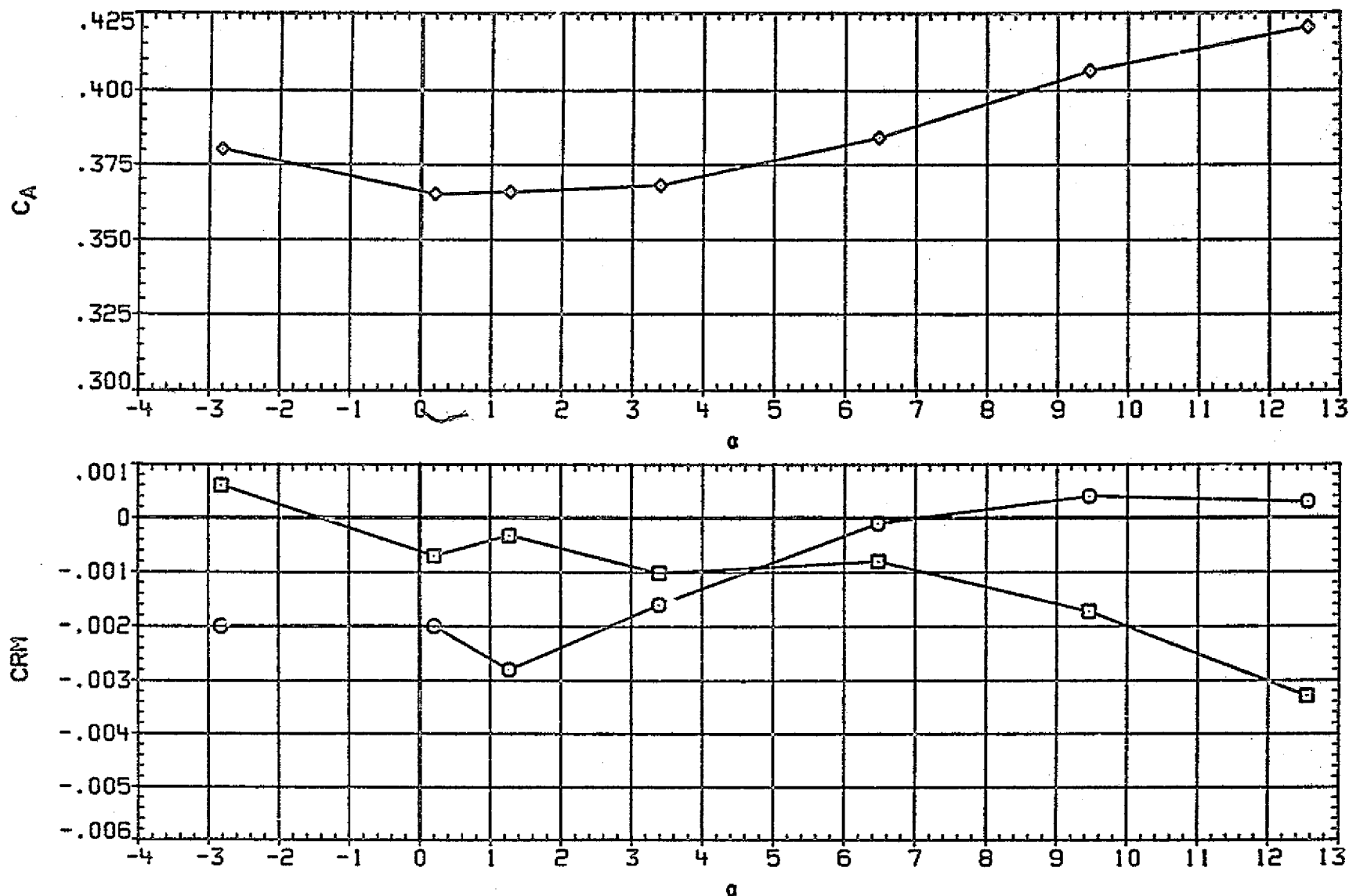


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ219) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.998
□	CRM	D1 .000
◇	CA	D2 .000
		D1-3 .000
		PHI-C .000
		BETA .000
		D3 .000
		D4 .000
		D2-4 .000

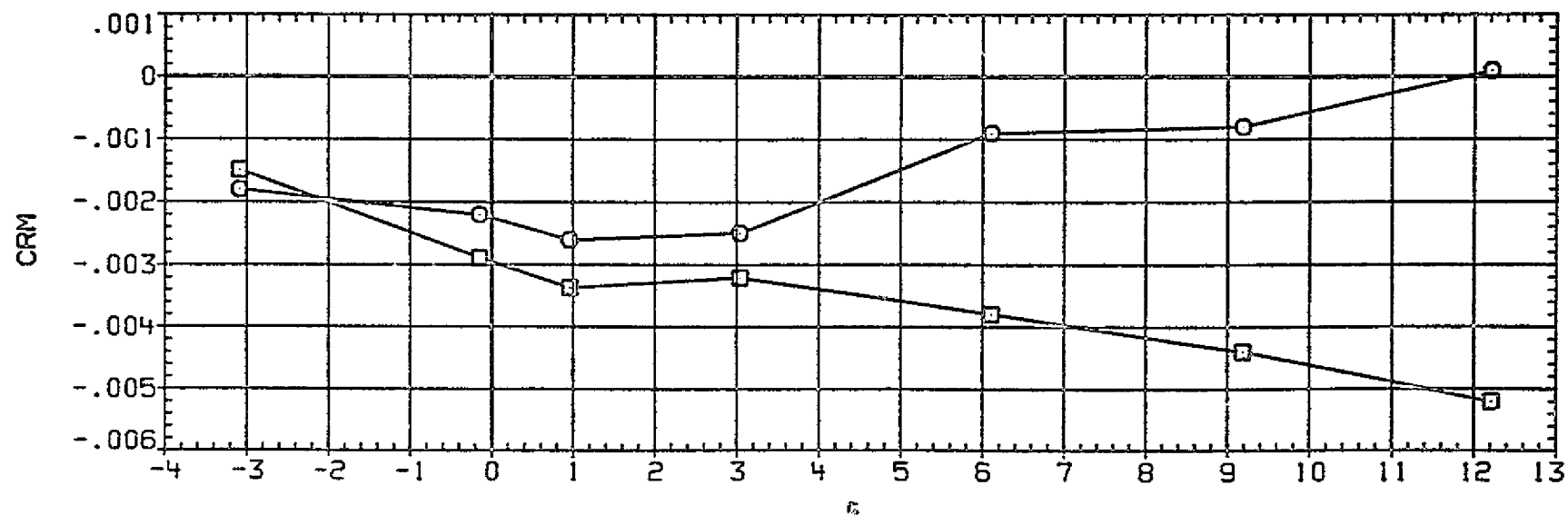
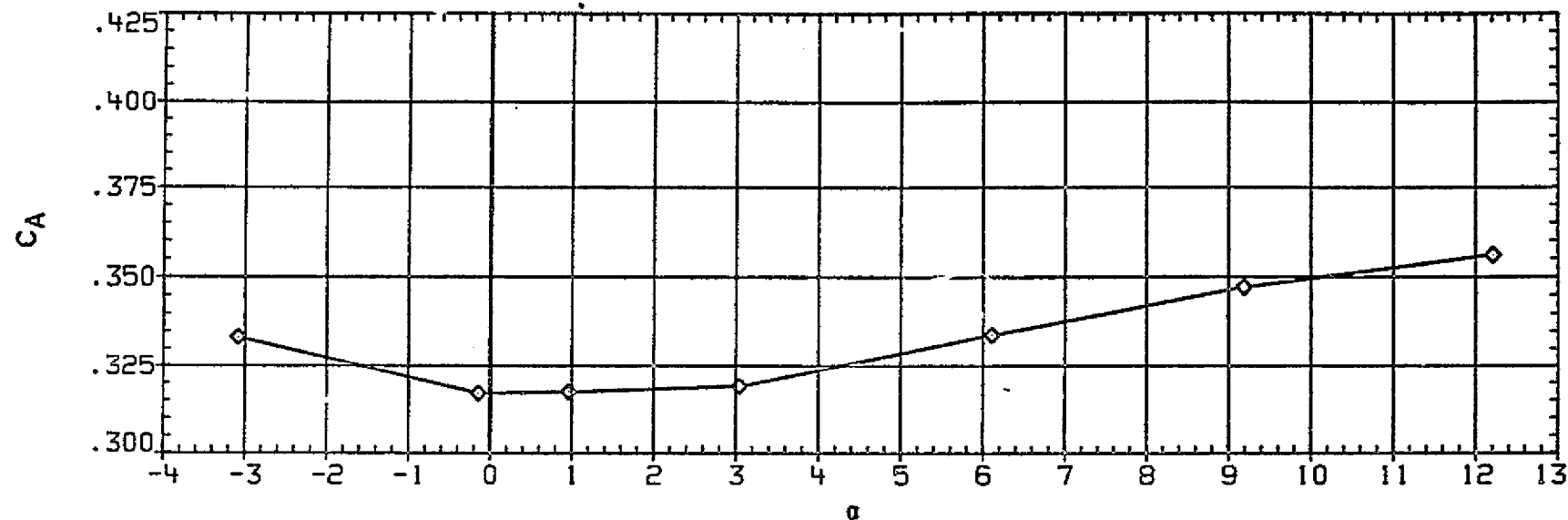


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ220) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CN	MACH 1.498 BETA .000
□	CN3	D1 .000 D3 .000
△	CM	D2 1.000 D4 1.000
	CM3	D1-3 .000 D2-4 1.000
	PHI-C	.000

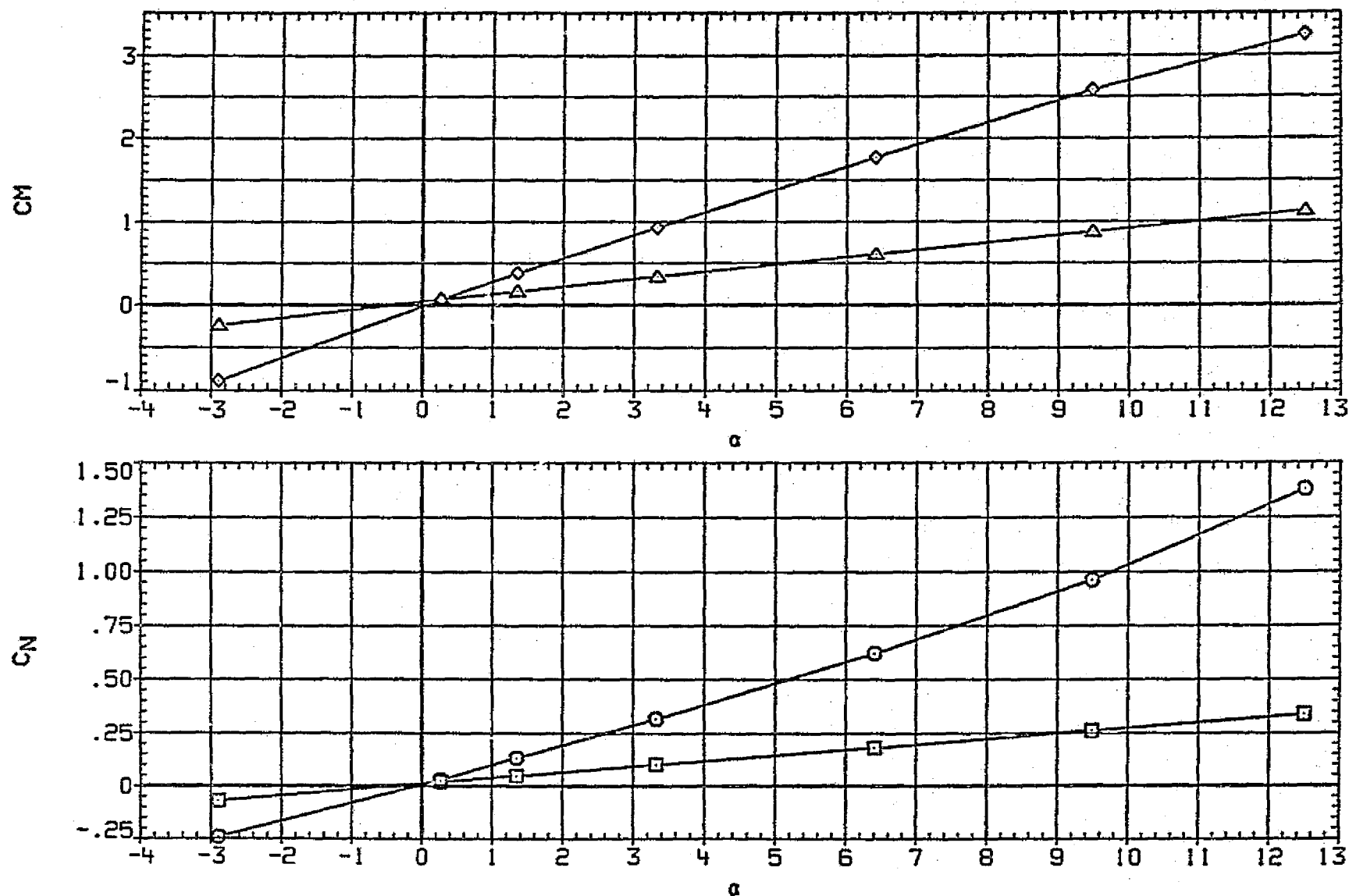


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ220) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.997 BETA .000
◇	CNB	D1 .000 D3 .000
□	CM	D2 1.000 D4 1.000
△	CMB	D1-3 .000 D2-4 1.000
		PHI-C .000

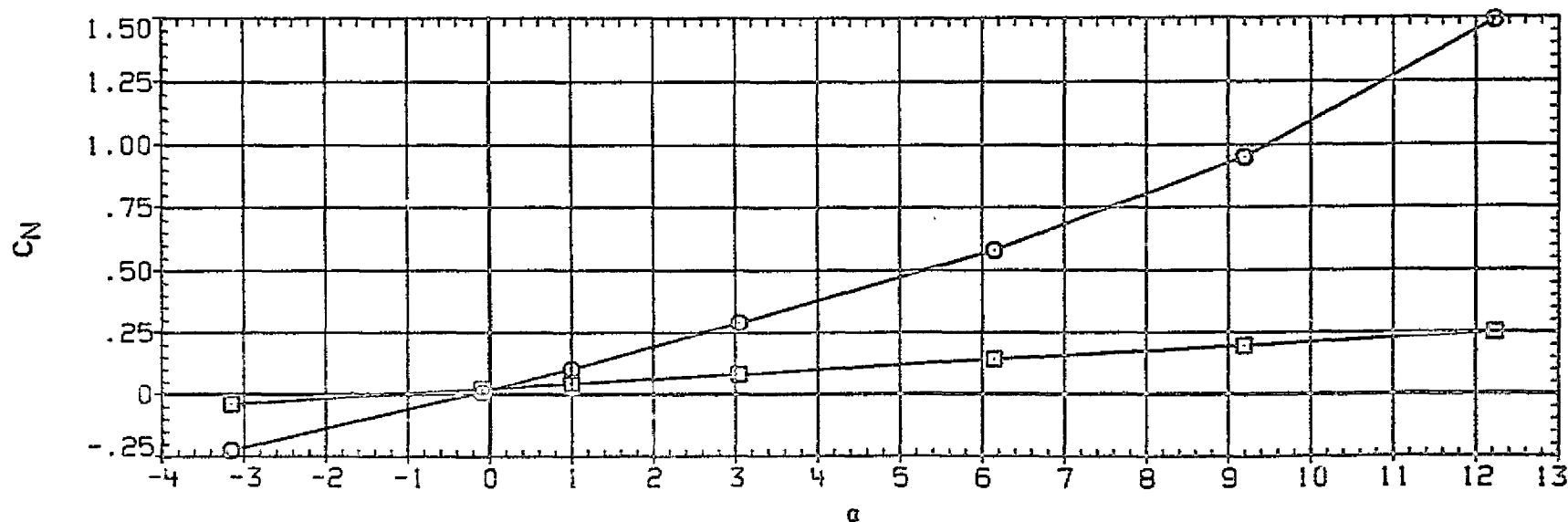
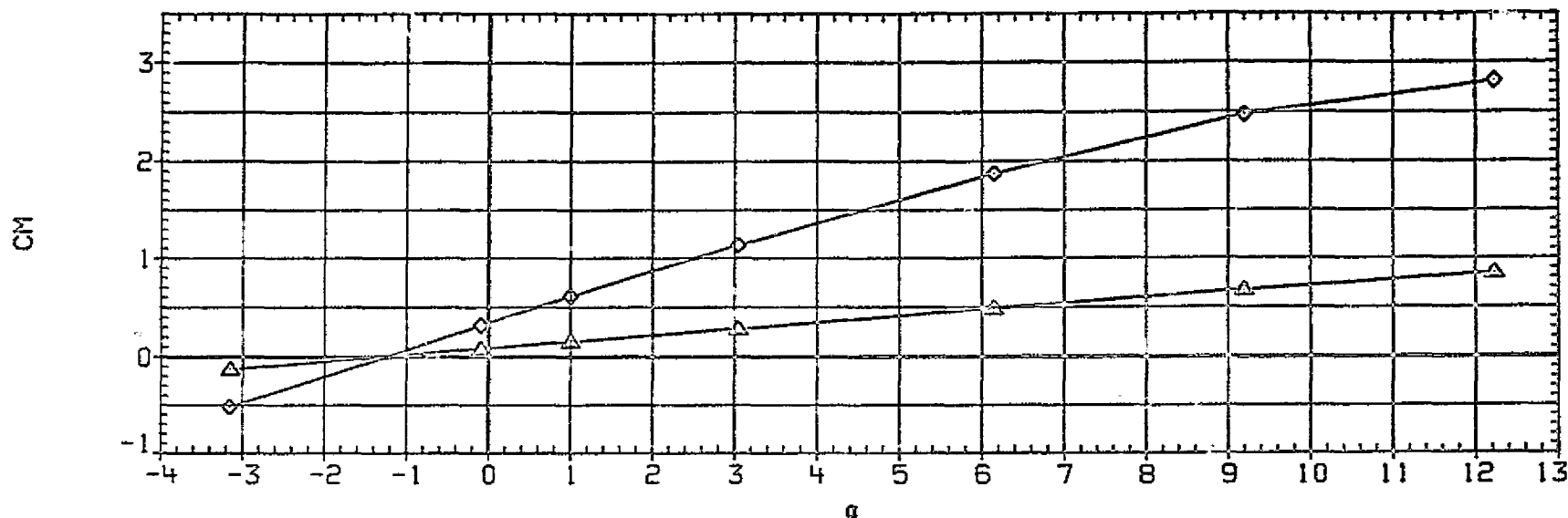


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ220) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
□	CY	1.498	D1	.000	
◇	CYB	.000	D2	.000	
△	CYM	1.000	D1-3	.000	
	CYMS	.000	D2-4	1.000	
		.000			

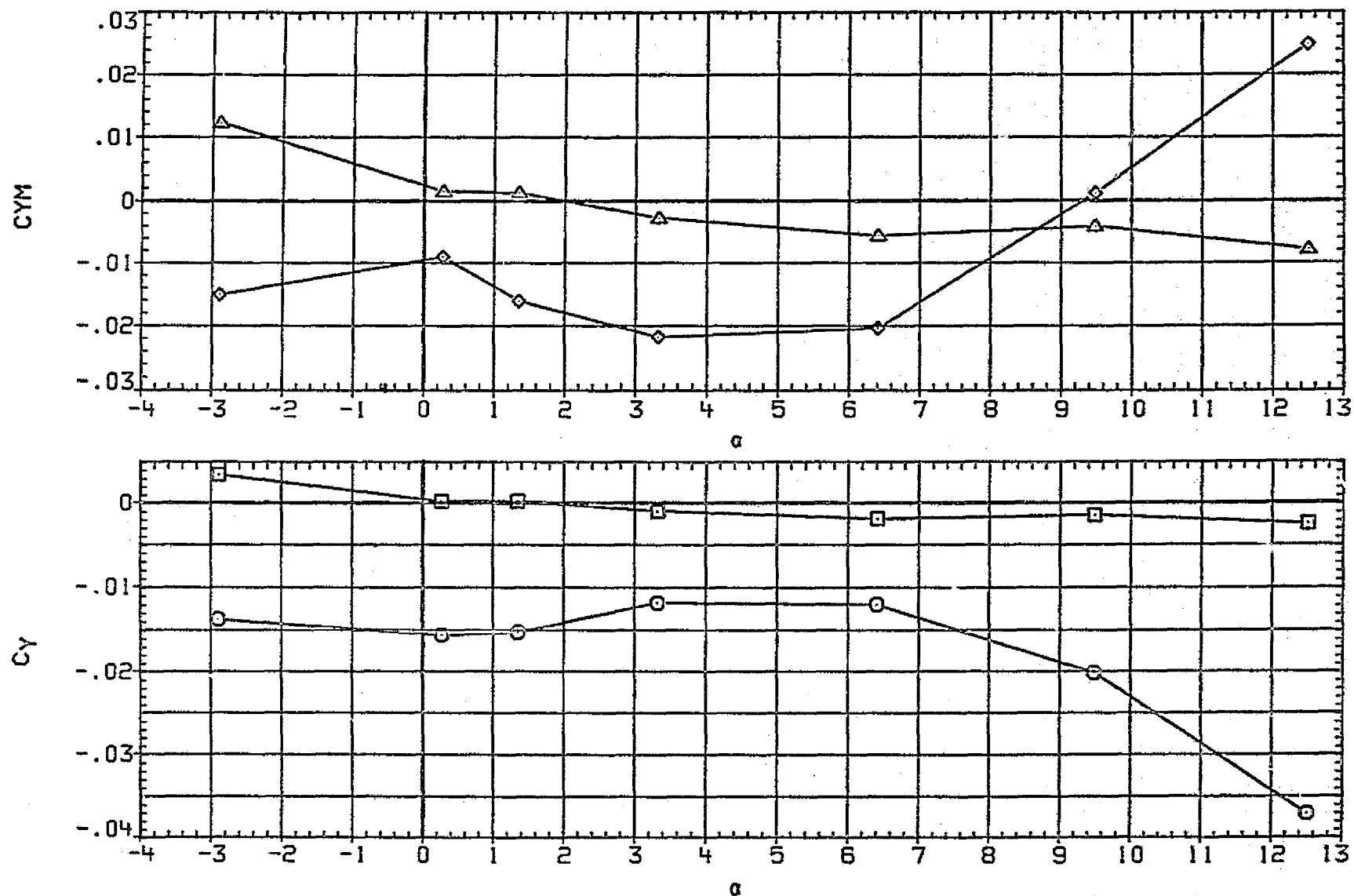


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ220) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.997 BETA .000
◇	CYB	D1 .000 D3 .000
◇	CYM	D2 1.000 D4 1.000
△	CYM3	D1-3 .000 D2-4 1.000
		PHI-C .000

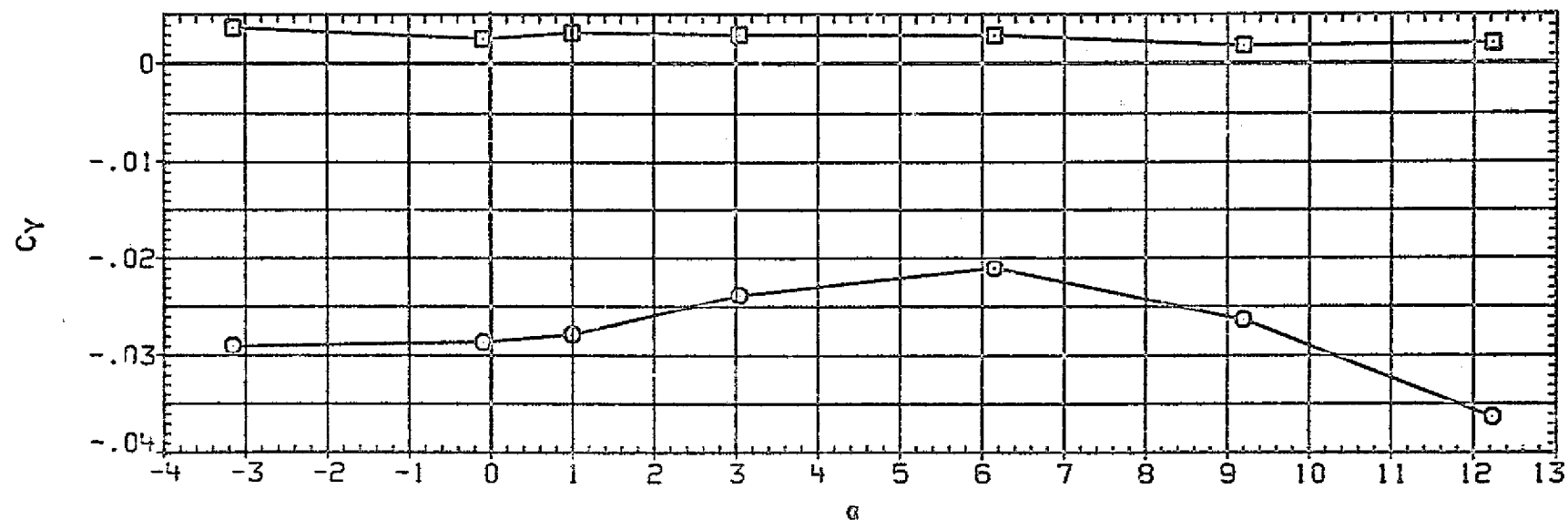
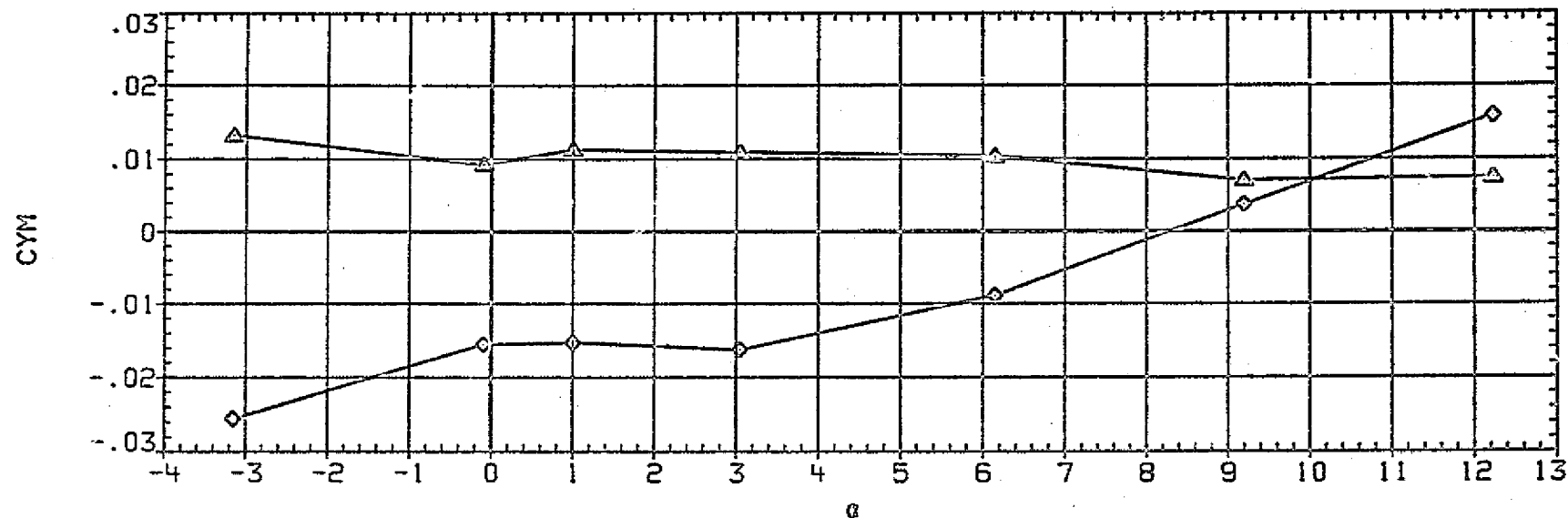


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ220) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.498 BETA .000
◇	CRM3	D1 .000 D3 .000
◇	CA	D2 1.000 D4 1.000
		D1-3 .000 D2-4 1.000
		PHI-C .000

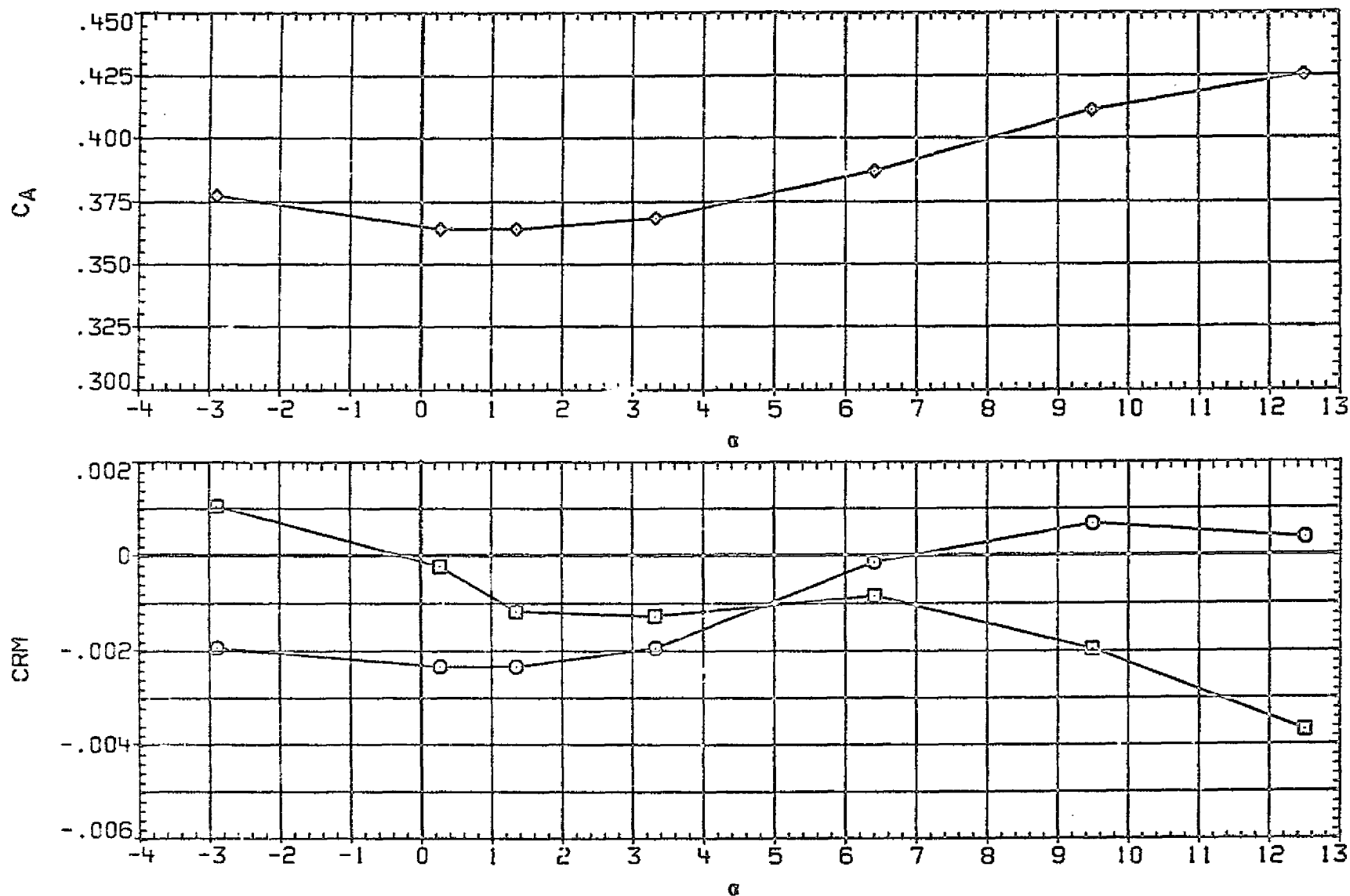


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ220) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.997 BETA .000
□	CRM3	D1 .000 D3 .000
◇	CA	D2 1.000 D4 1.000
		D1-3 .000 D2-4 1.000
		PHI-C .000

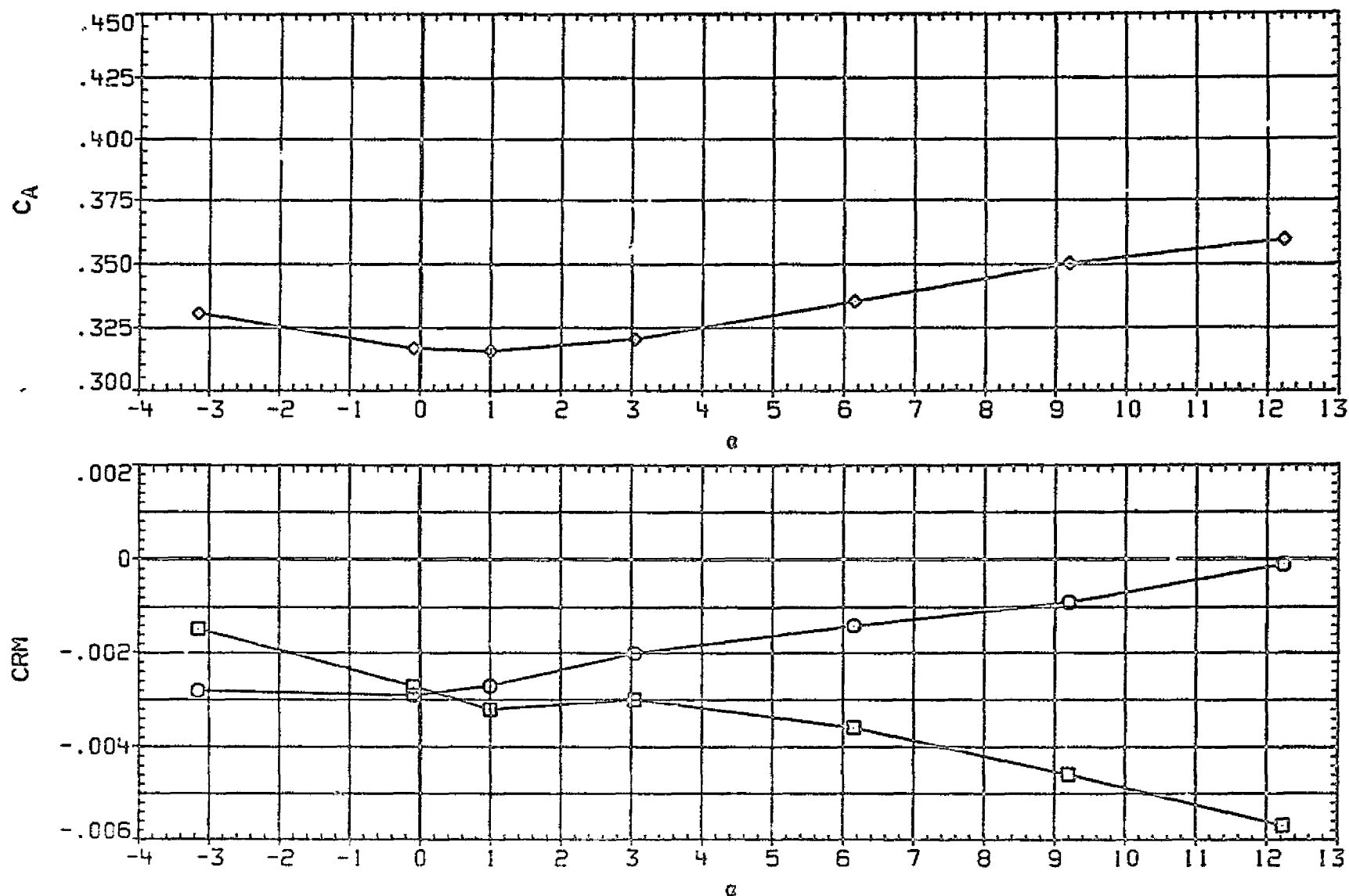


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BE2221) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.459 ESTA .000
□	CNS	D1 .000 D3 .000
◇	CM	D2 3.000 D4 3.000
△	CM	D1-3 .000 D2-4 3.000
		PHI-C .000

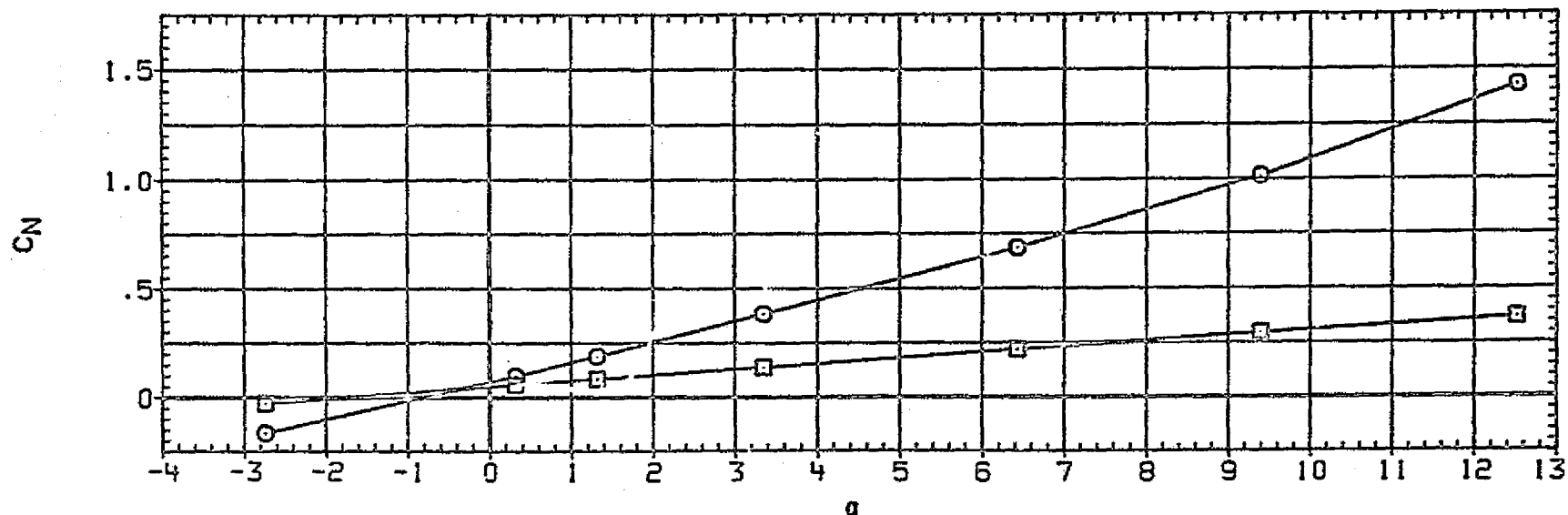
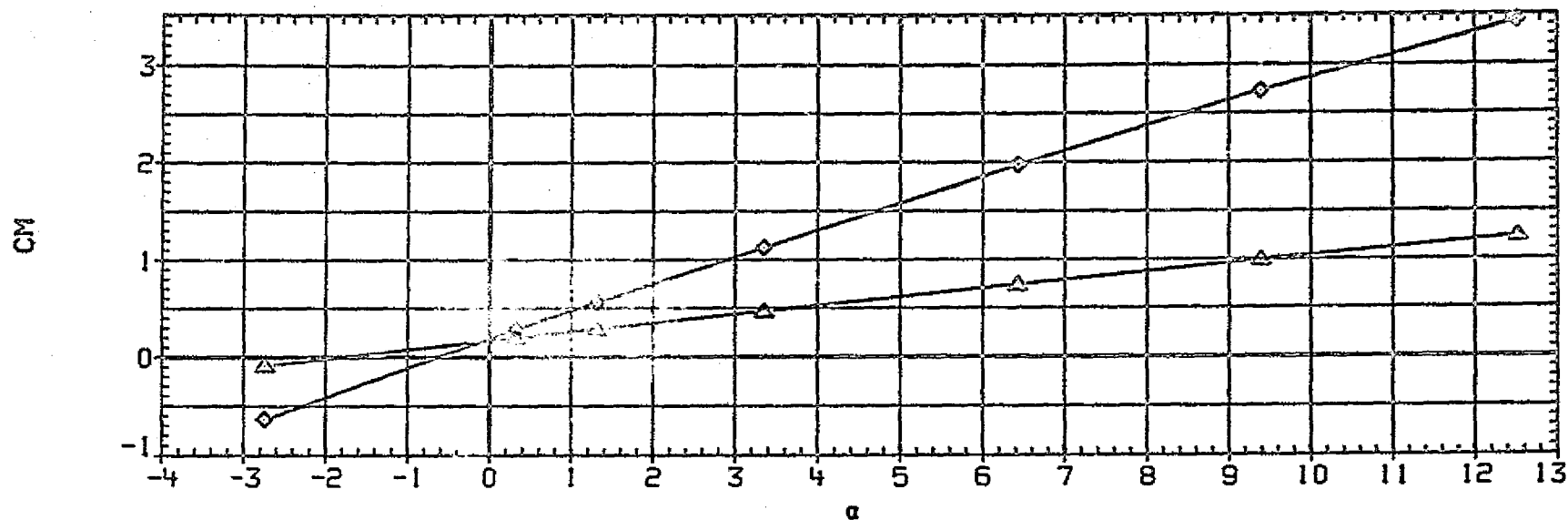


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

C-2

(BEZ221) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.997 BETA .000
□	CN2	D1 .000 D3 .000
◇	CH	D2 3.000 D4 3.000
△	CN3	D1-3 .000 D2-4 3.000
	PHI-C	.000

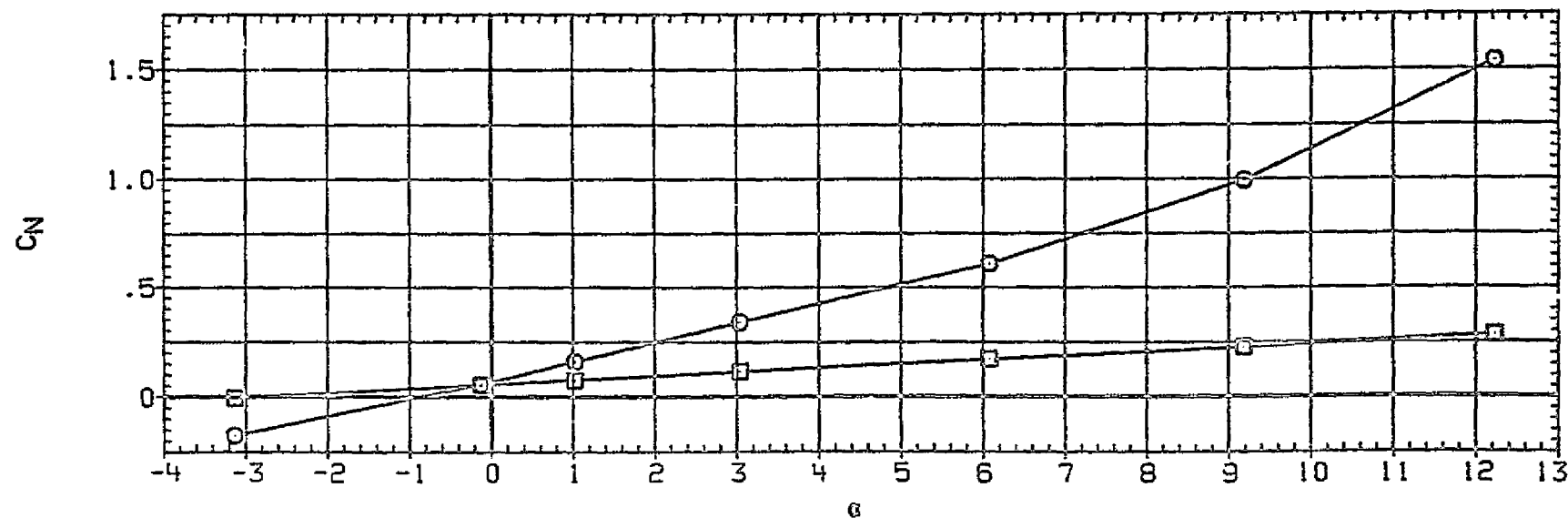
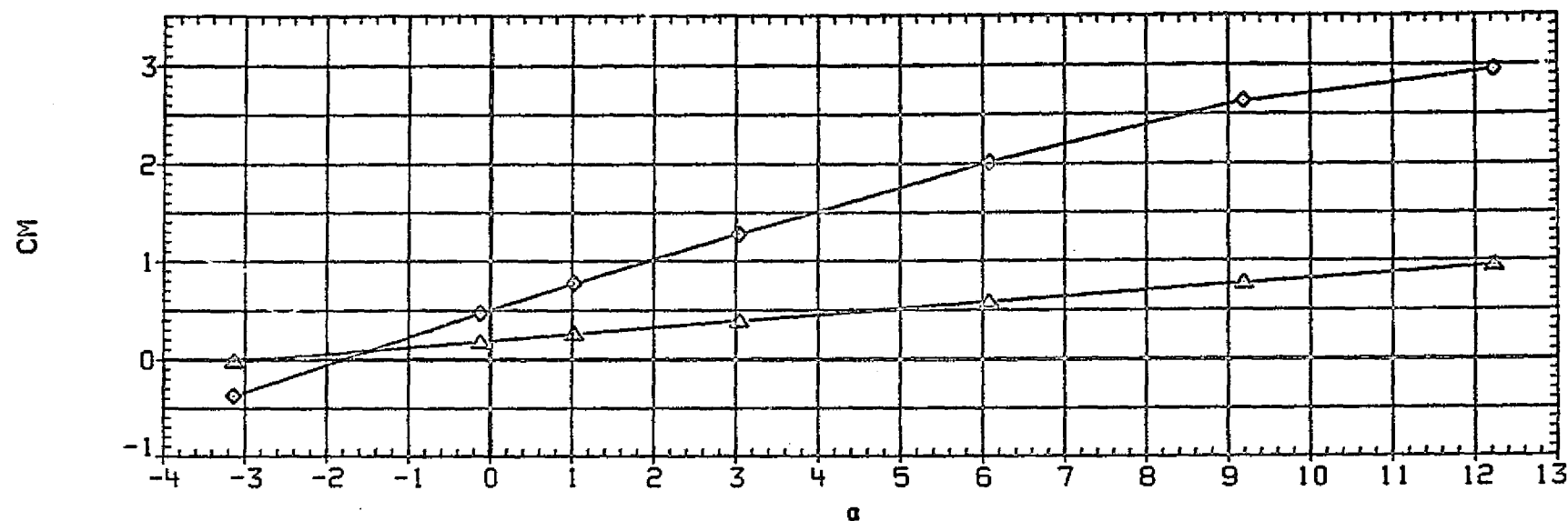


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ221) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.499
□	CYB	D1 .000
◇	CYM	D2 3.000
△	CYM3	D1-3 .000
		PHI-C .000
		BETA .000
		D3 .000
		D4 5.000
		D2-4 3.000

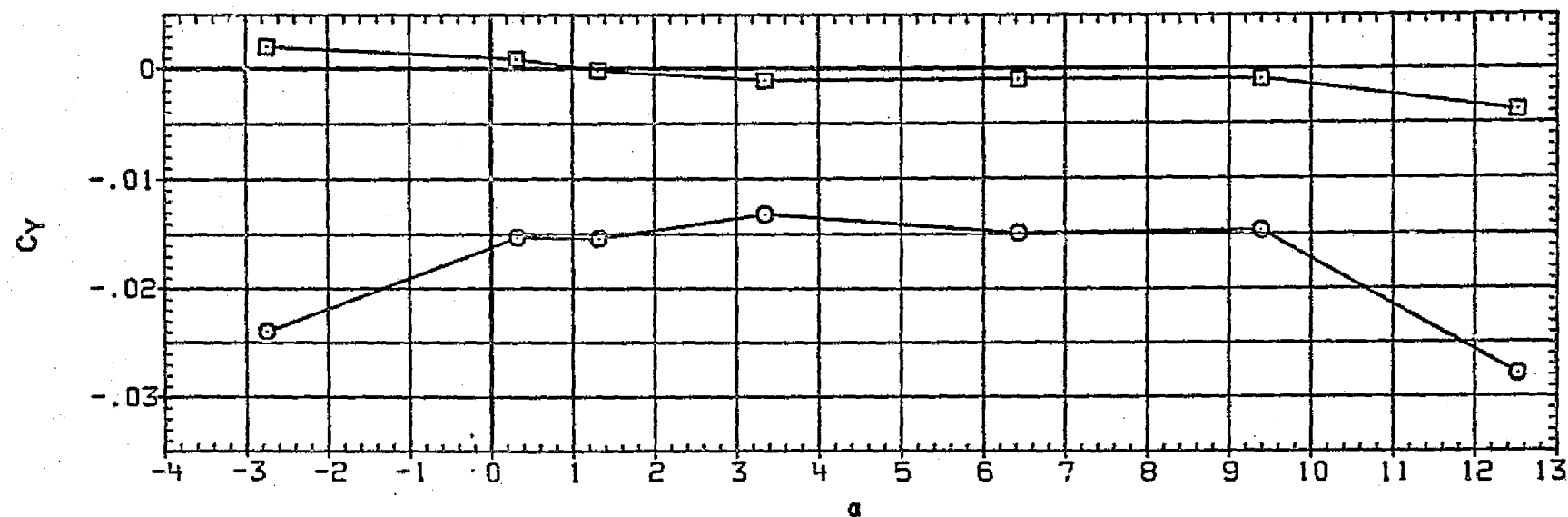
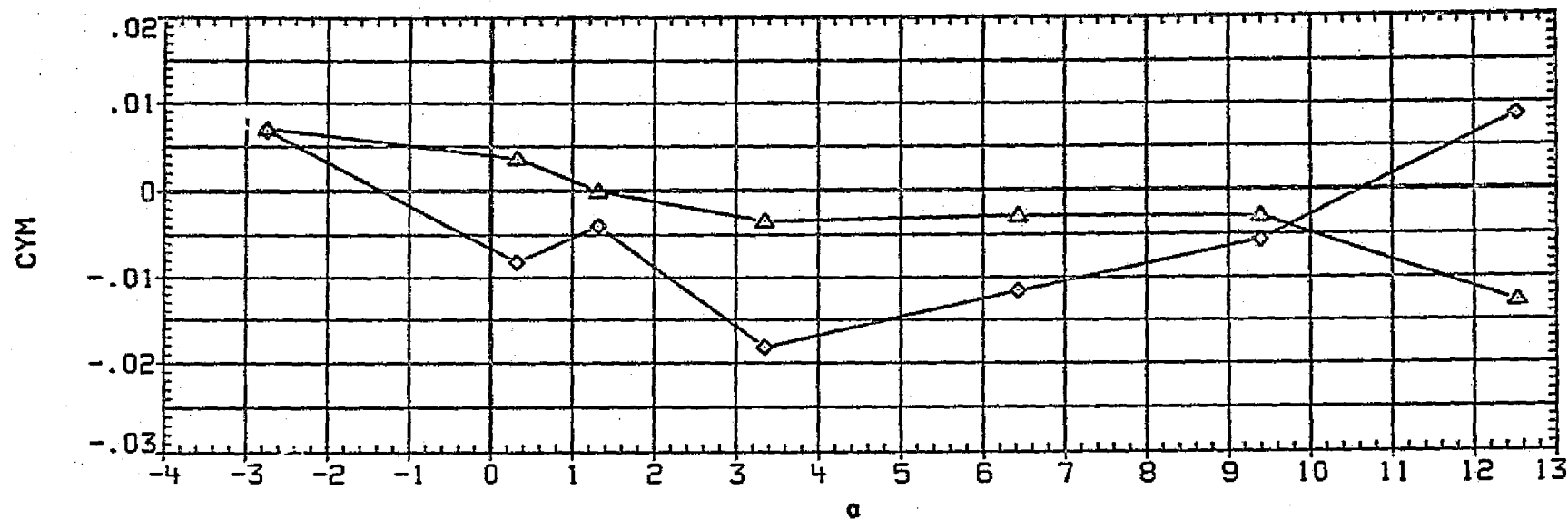


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ221) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CY	1.997	D1	.000	.000
◇	CYB	.000	D2	.000	.000
□	CYM	3.000	D1-3	.000	3.000
△	CYMB	.000	D2-4	.000	3.000
		PHI-C			

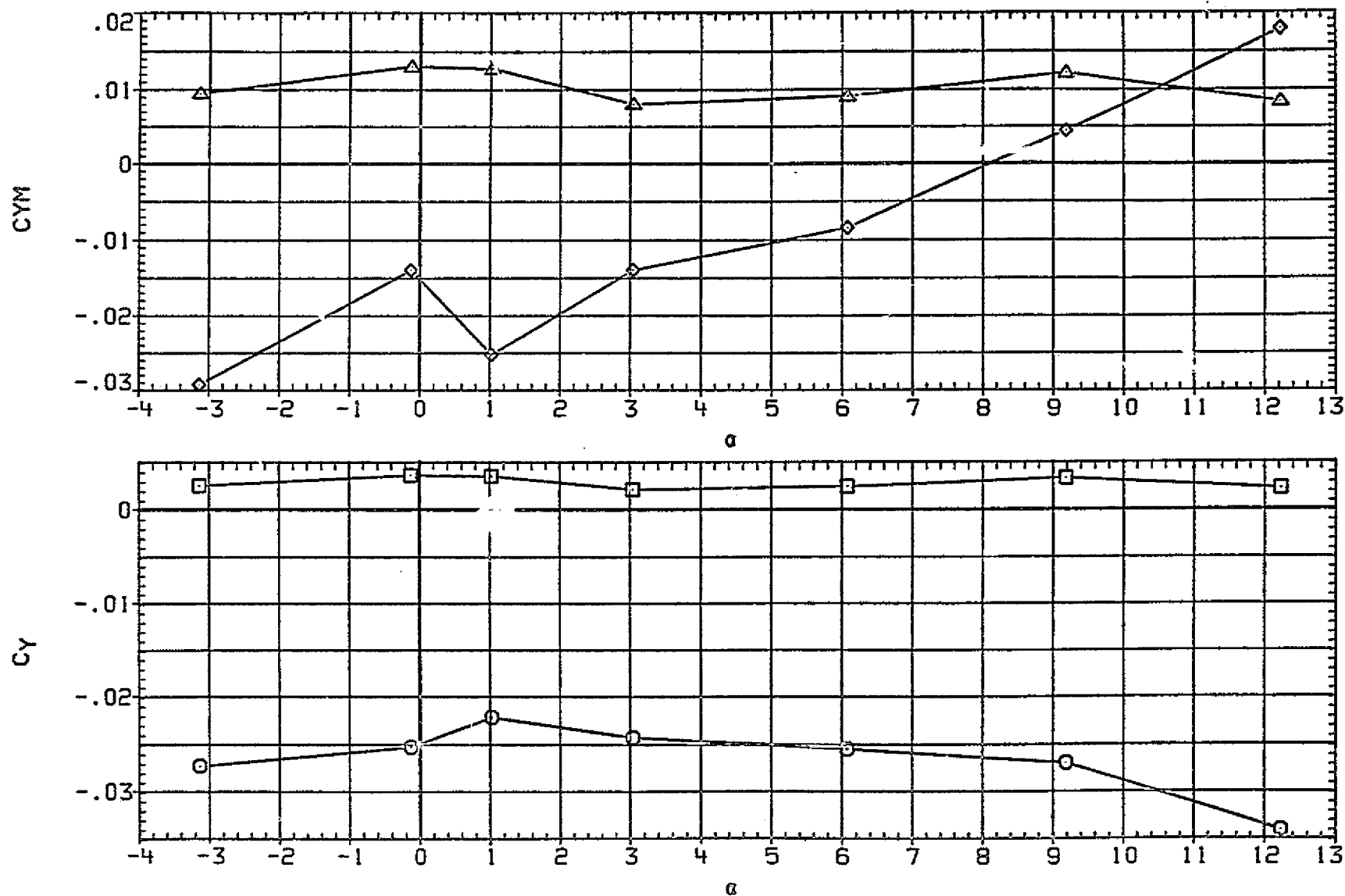


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ221) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.459
◇	CRM	D1 .000
◇	CA	D2 3.000
		D1-3 .000
		PHI-C .000
		ETA .000
		D3 .000
		D4 3.000
		D2-4 3.000

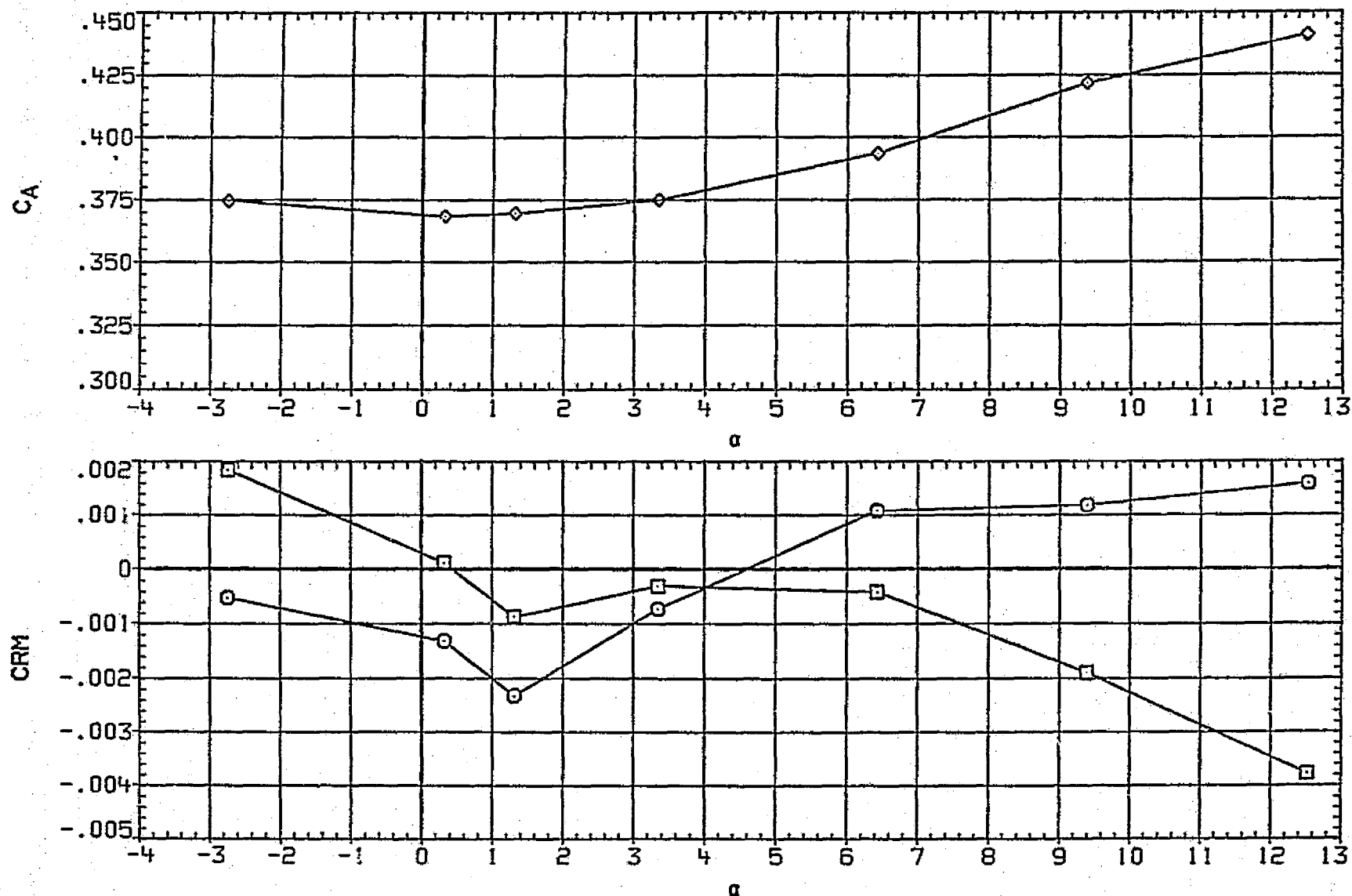


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ221) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.997 BETA .000
□	CRM _B	D1 .000 D3 .000
◇	CA	D2 3.000 D4 3.000
		D1-3 .000 D2-4 7.500
		PHI-C .000

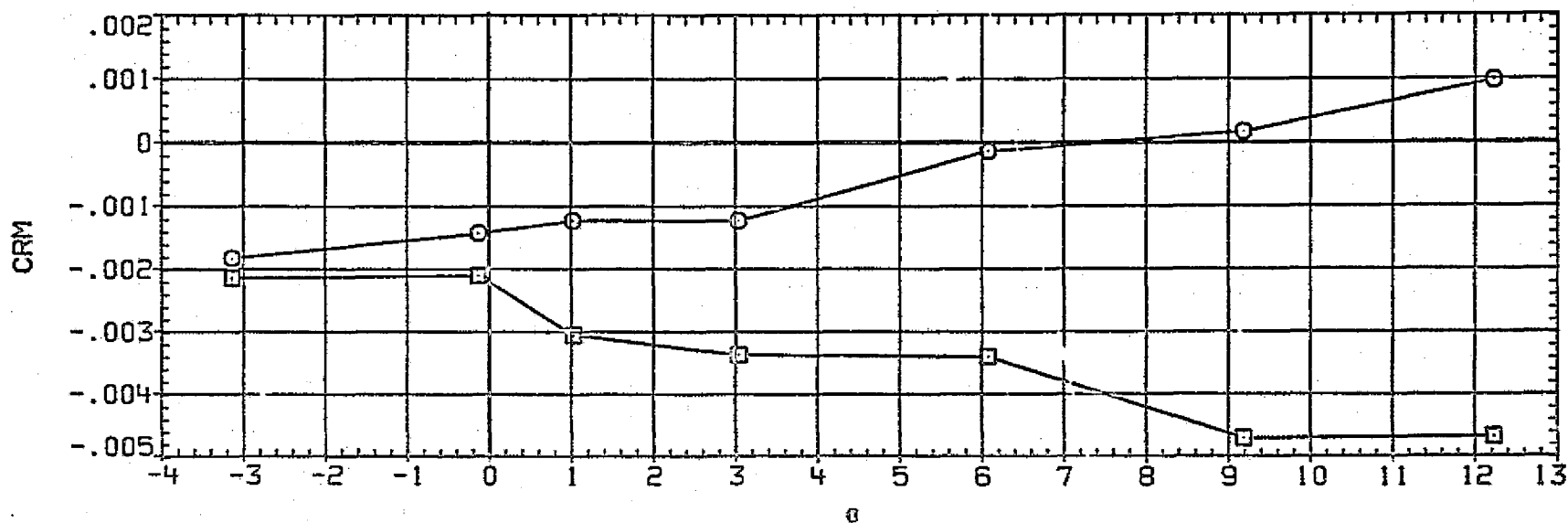
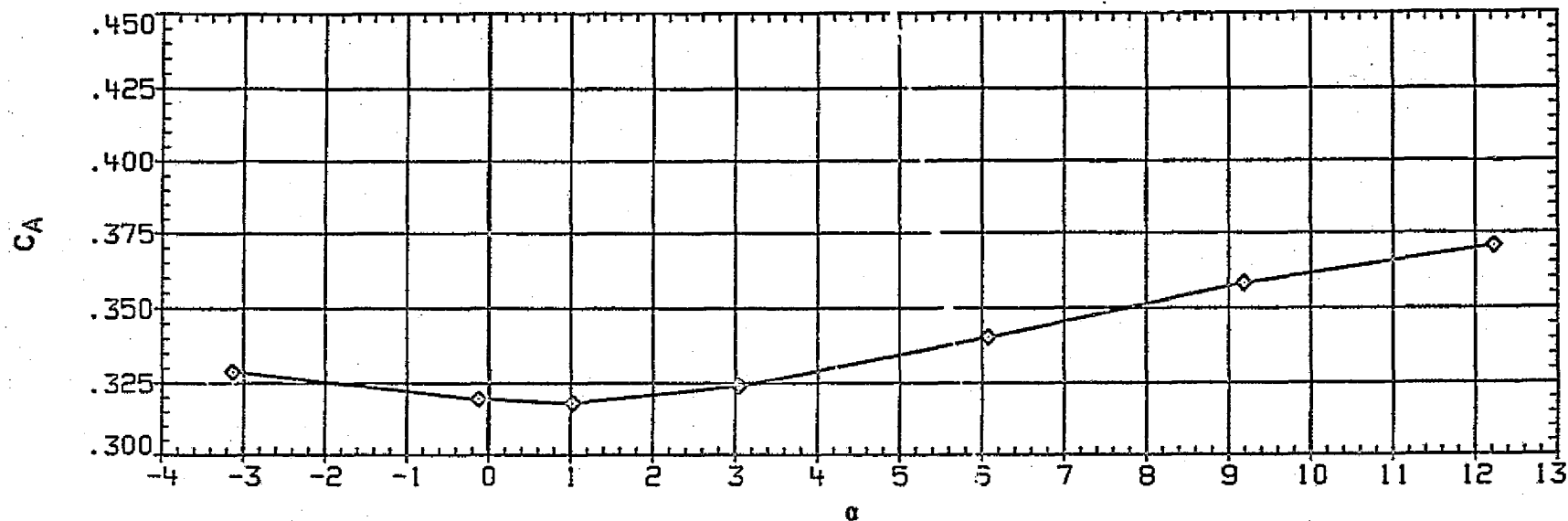


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(8EZ222) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	ETA	ETA
□	CN	01	1.497	D3	.000
○	CN	02	.000	D4	.000
△	CM	D1-3	6.000	D2-4	6.000
	CM	PHI-C	.000		

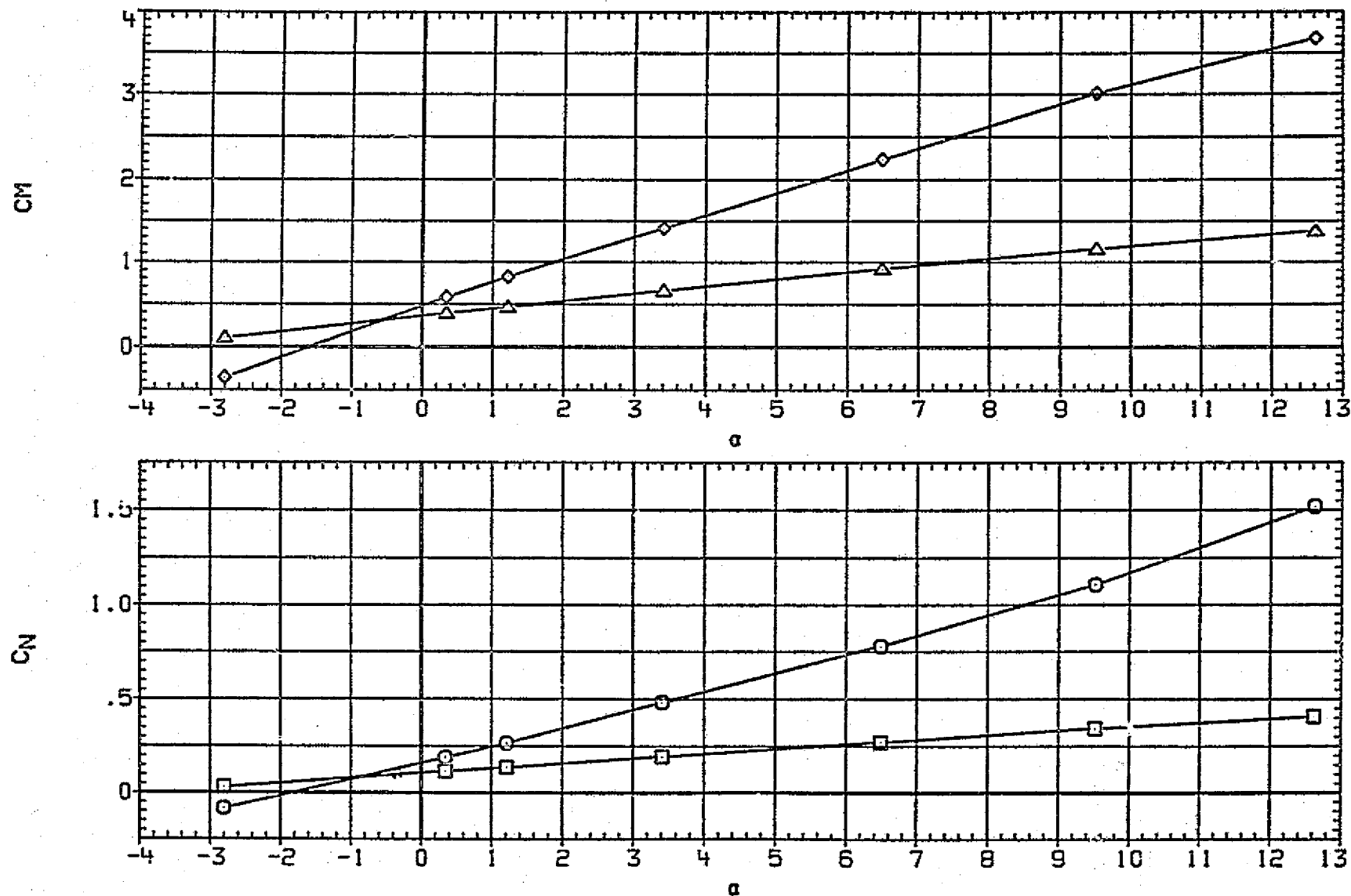


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ222) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 6.000 D4 6.000
△	CMB	D1-3 .000 D2-4 6.000
	PHI-C	.000

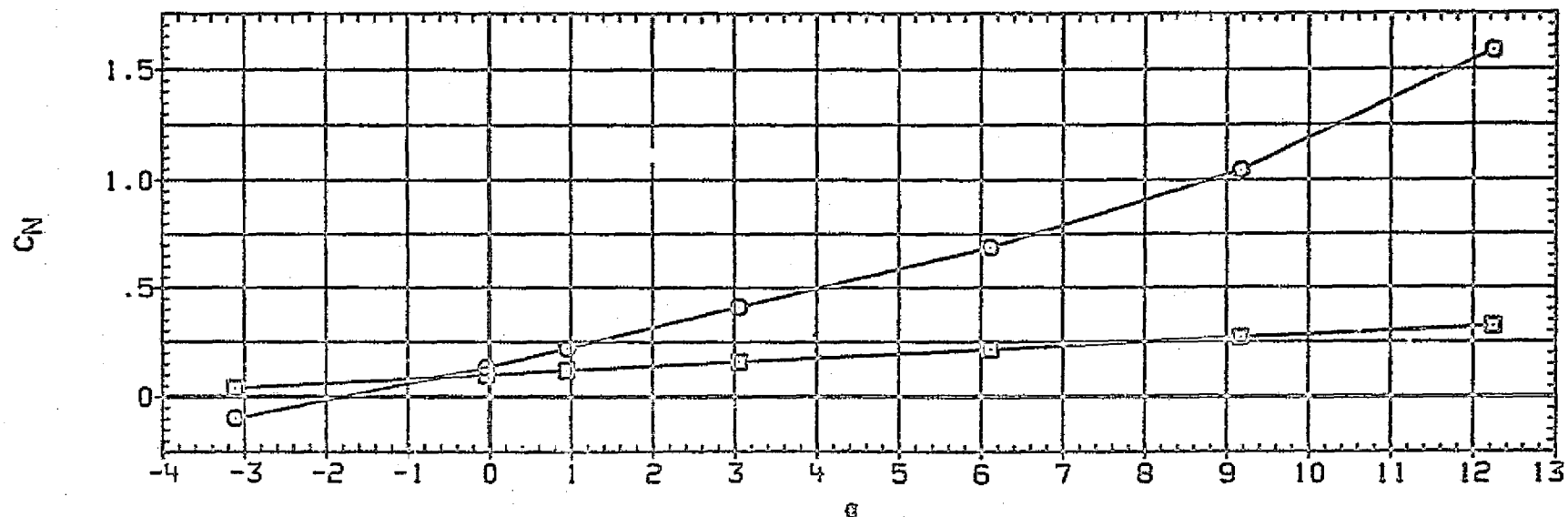
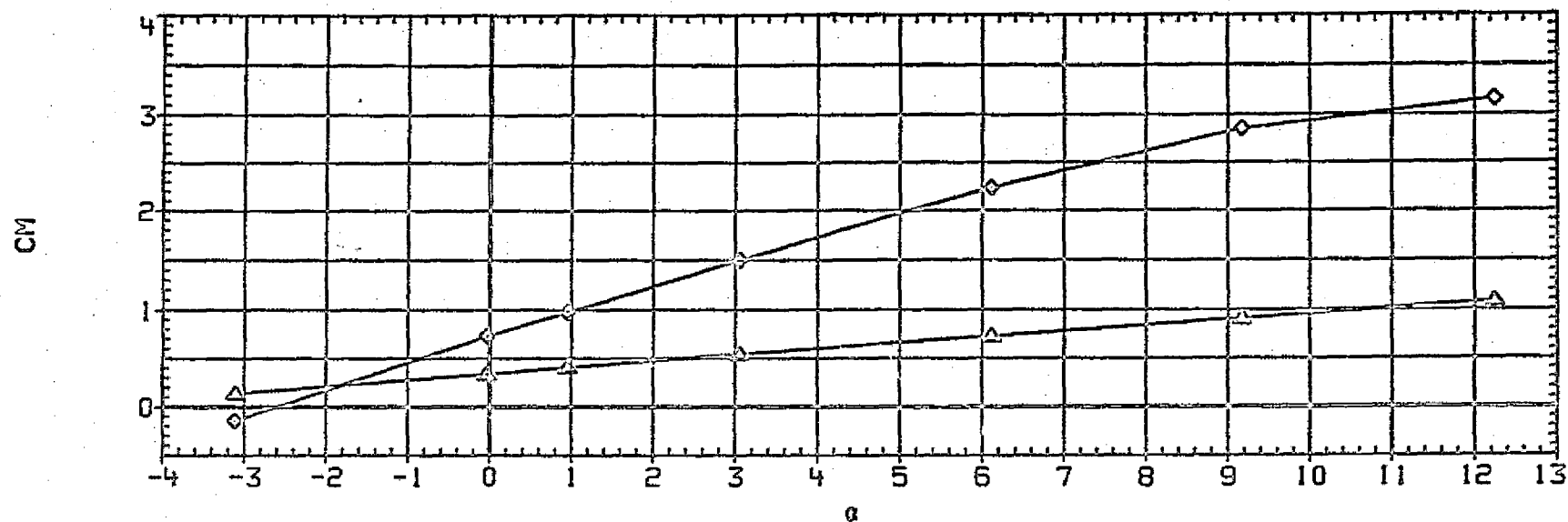


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ222) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
□	CY	1.497	BETA
◇	CYB	.000	D3
△	CYH	6.000	D4
	CYK	.000	D2-4
	PHI-C	.000	

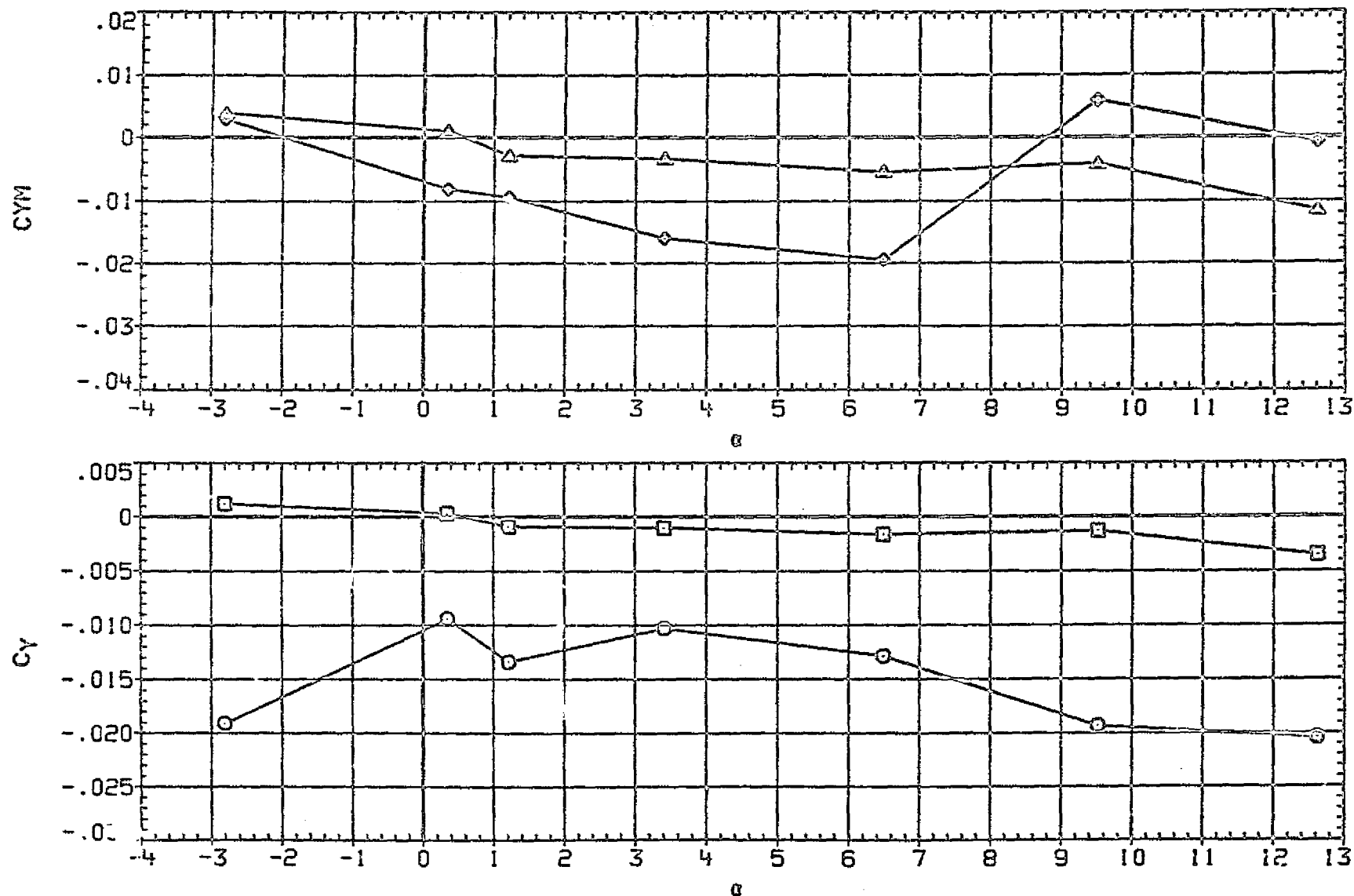


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ222) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 6.000 D4 6.000
△	CYB	D1-3 .000 D2-4 6.000
		PHI-C .000

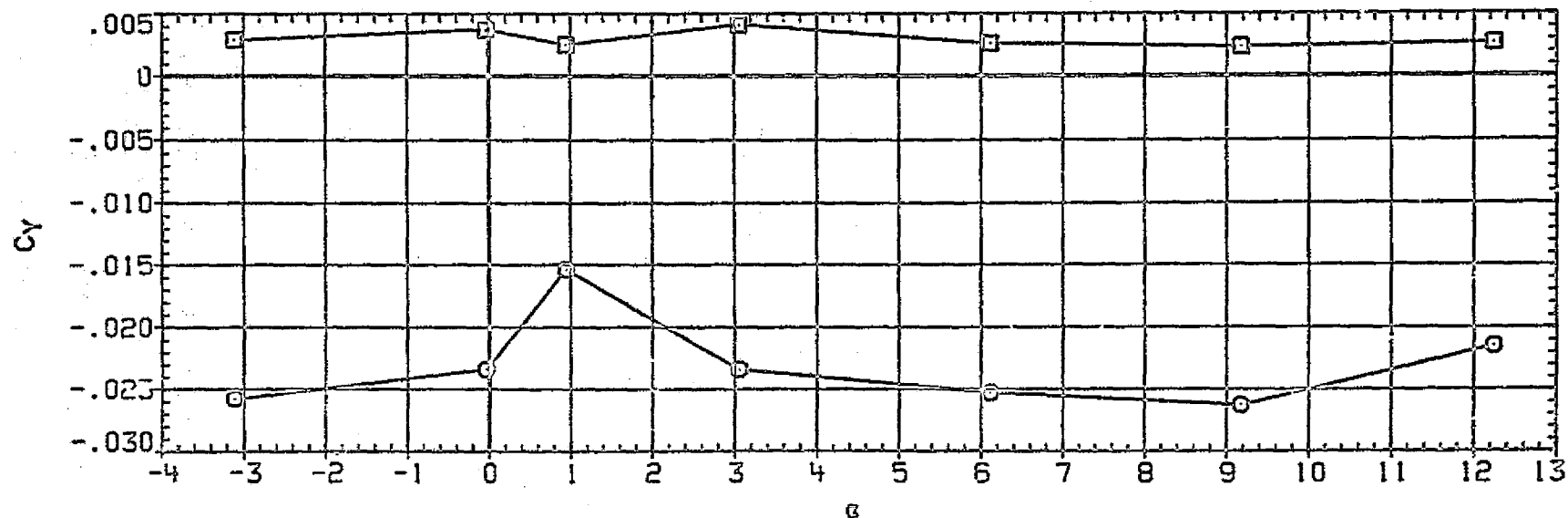
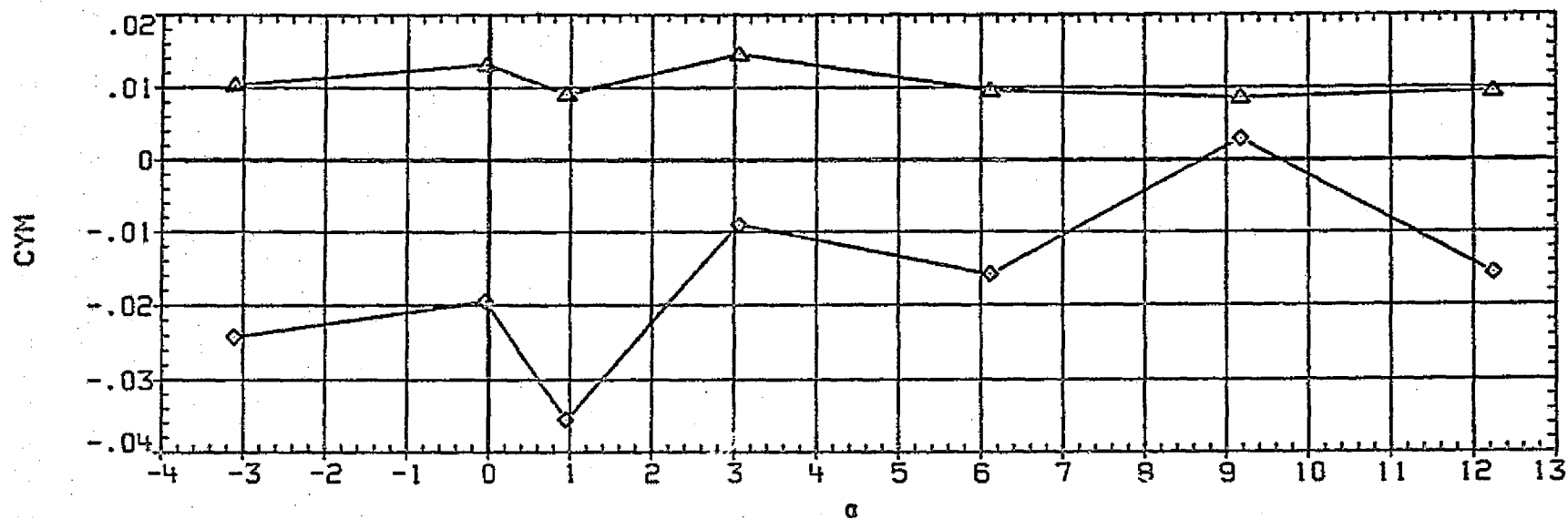


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ222) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.497 BETA .000
□	CRM3	D1 .000 D3 .000
◇	CA	D2 6.000 D4 6.000
		D1-3 .000 D2-4 6.000
		PHI-C .000

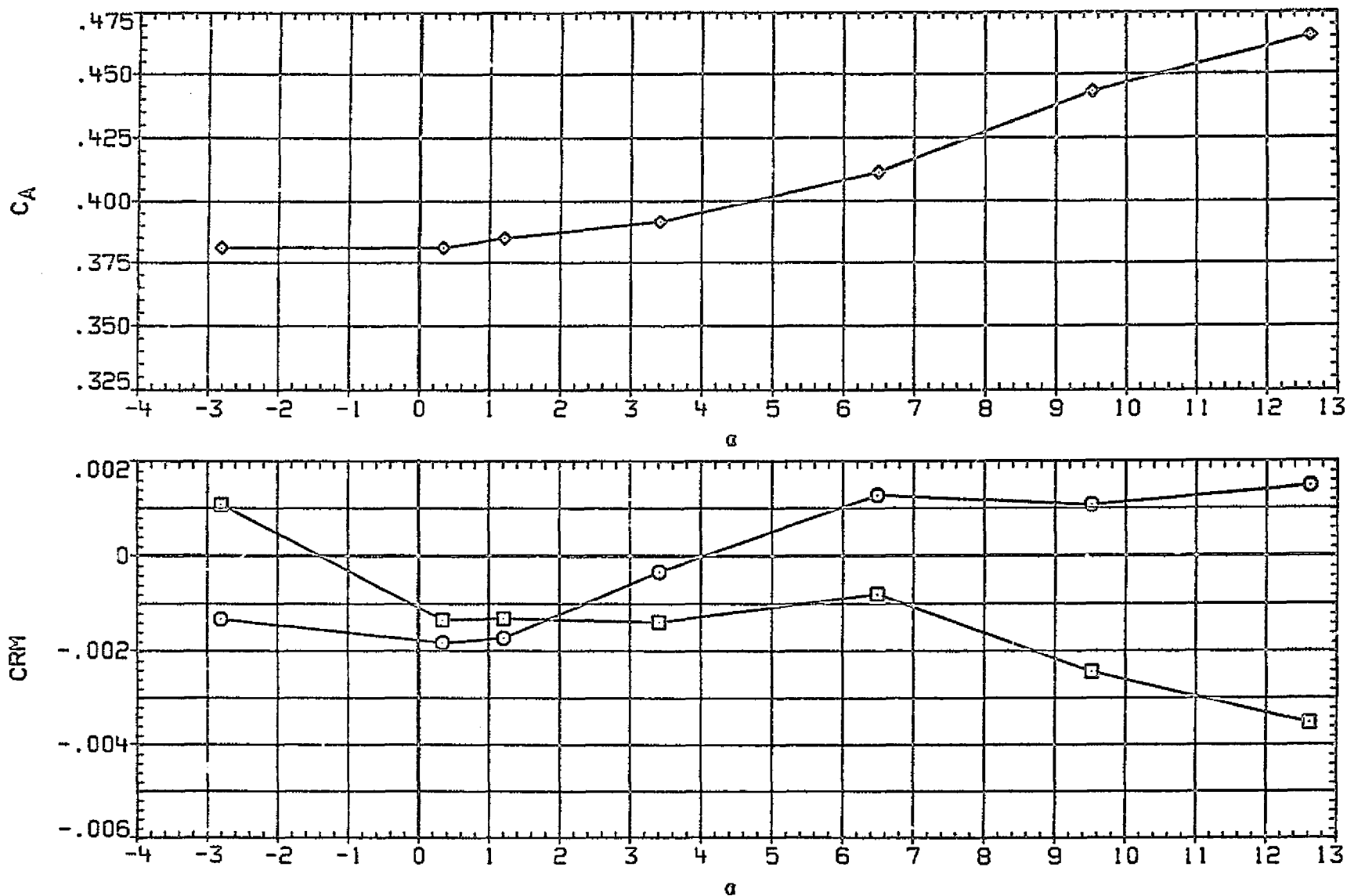


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ222) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
□	CRM	D1	1.995	.000	
◇	CRM	D2	.000	.000	
	CA	D1-3	6.000	.000	
		PHI-C	.000	D2-4	6.000

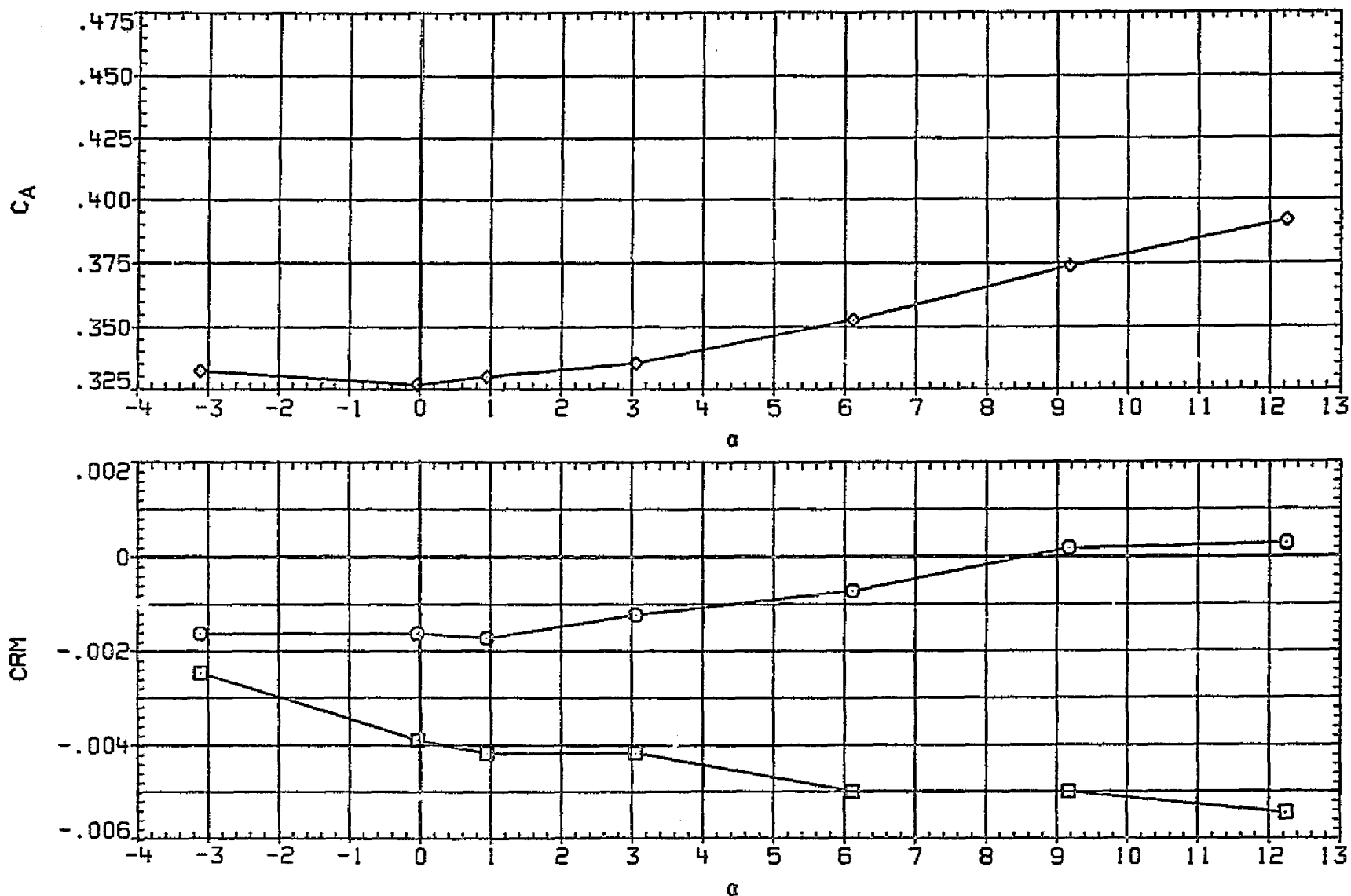


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ223)

CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.496	BETA	.000
□	CN3	D1	.000	D3	.000
◇	CM	D2	9.000	D4	9.000
△	CM3	D1-3	.000	D2-4	9.000
		PH1-C	.000		

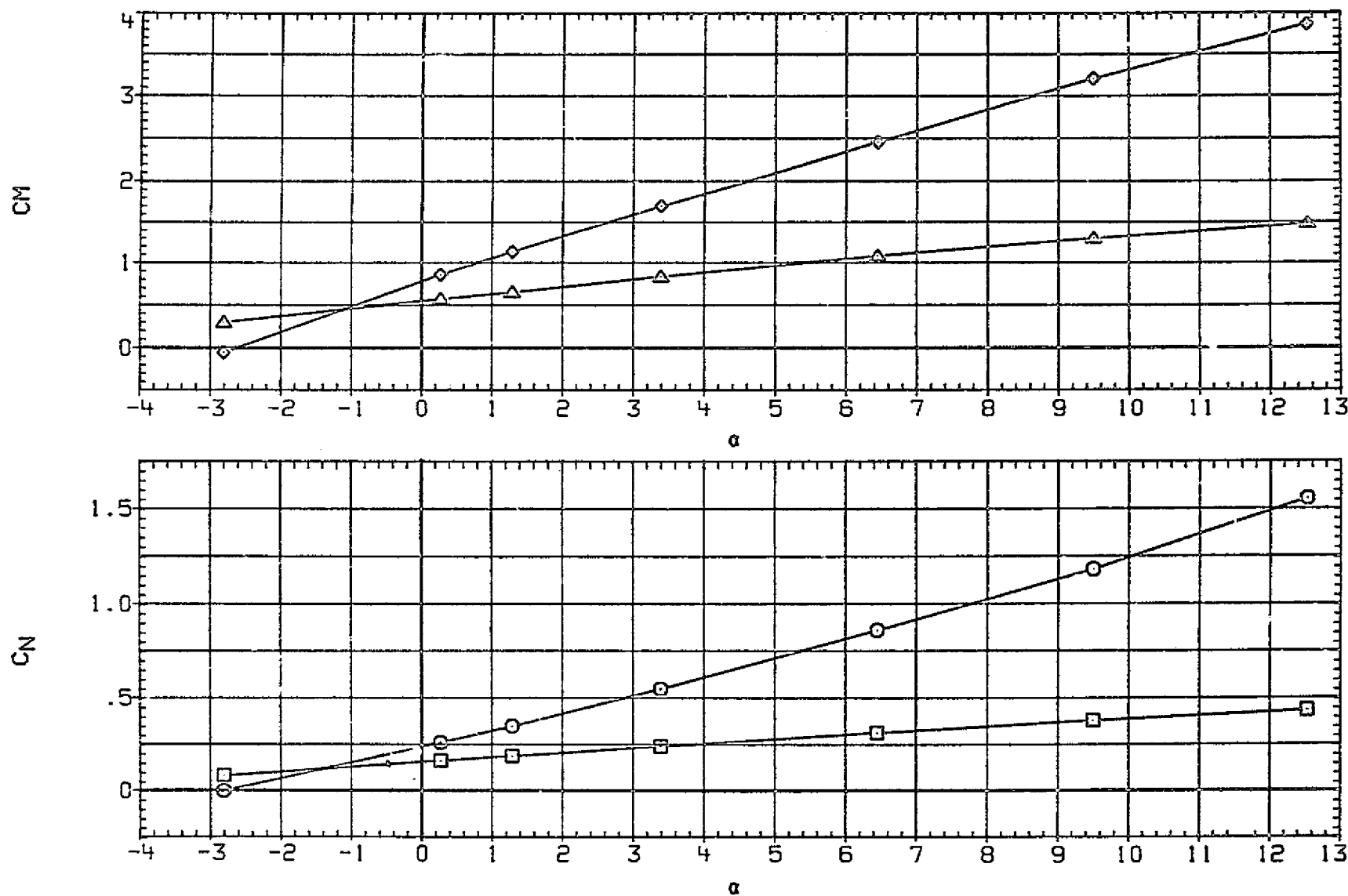


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ223) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.995	BETA	.000
□	CN8	D1	.000	D3	.000
△	CM	D2	9.000	D4	9.000
	CM8	D1-3	.000	D2-4	9.000
		PHI-C	.000		

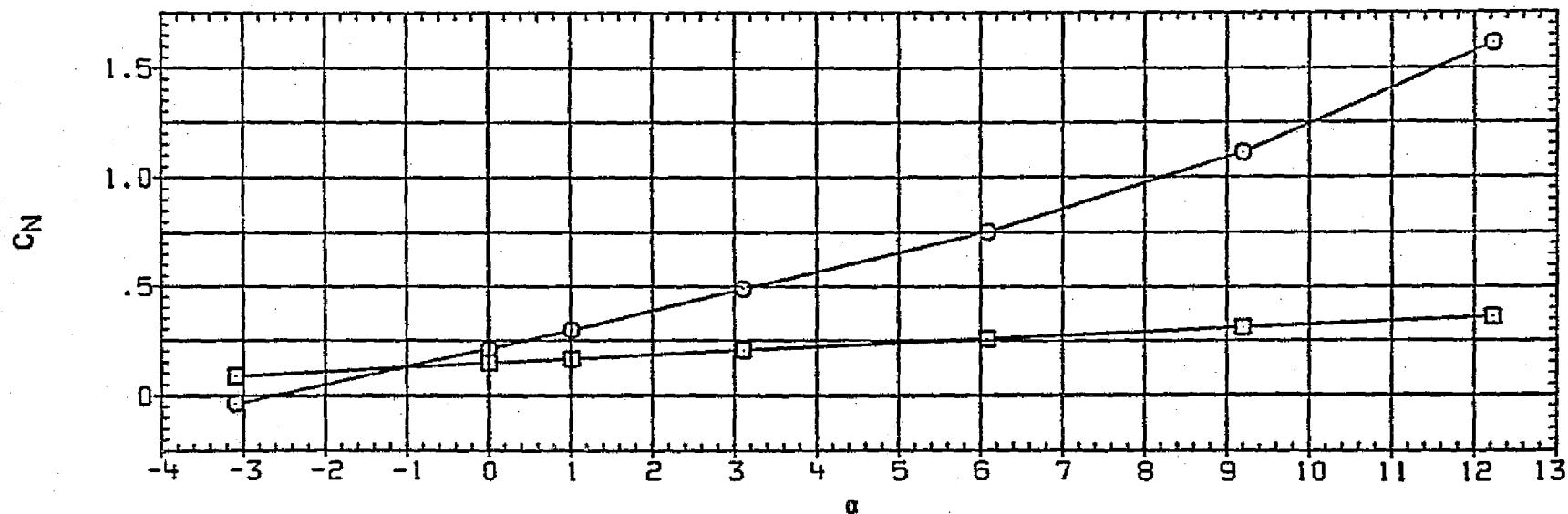
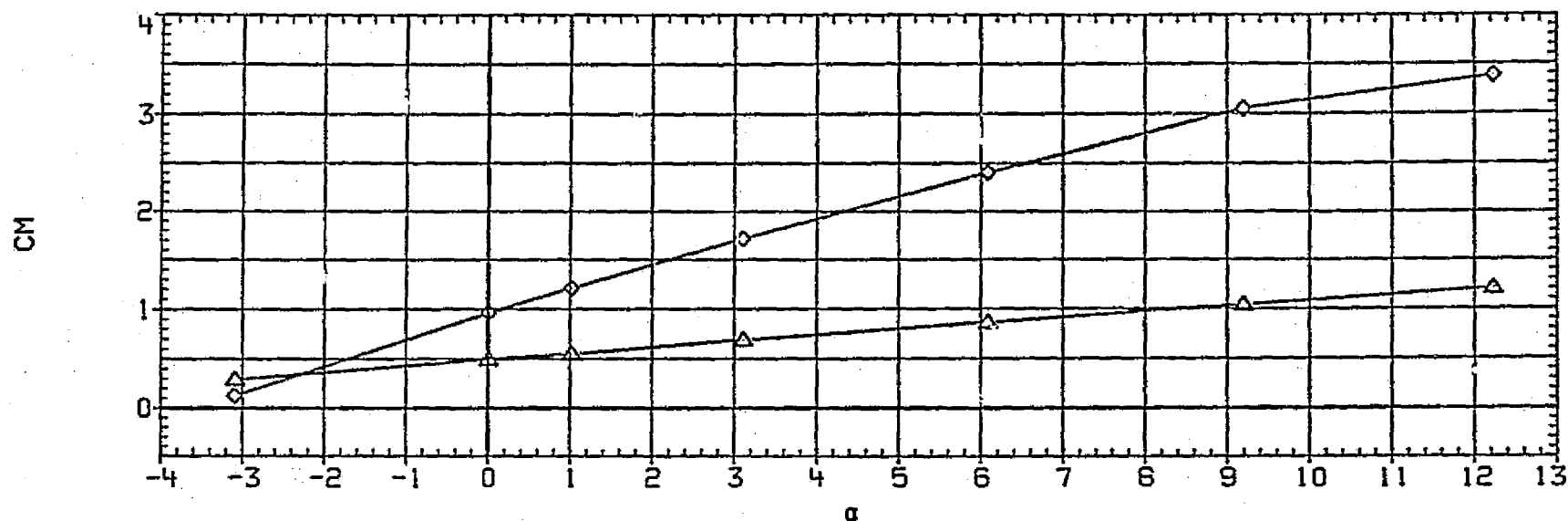


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ223) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES			
◇	CY	MACH	1.496	BETA	.000
□	CYB	D1	.000	D3	.000
△	CYM	D2	9.000	D4	9.000
	CYMB	D1-3	.000	D2-4	9.000
		PHI-C	.000		

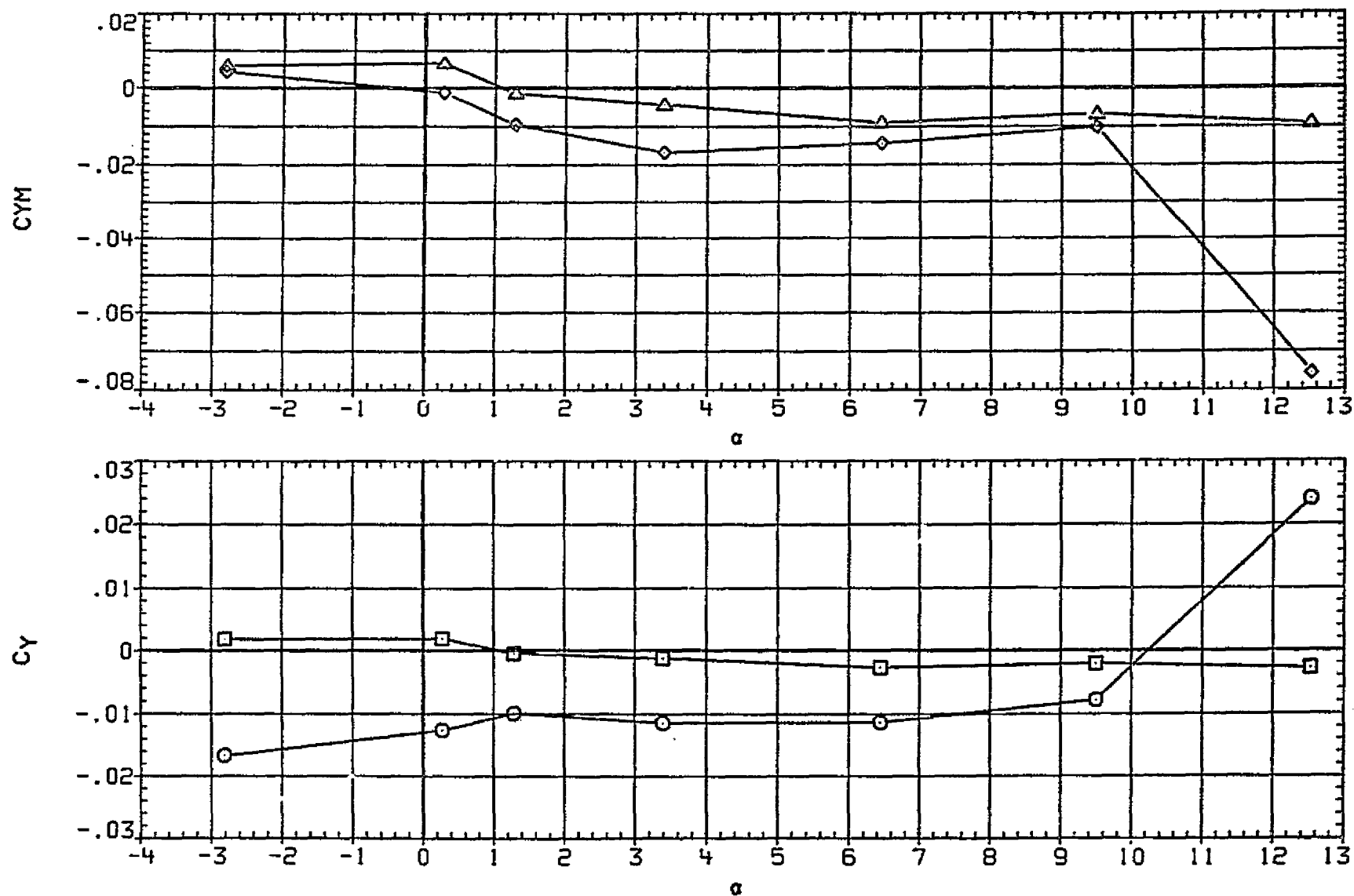


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ223) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	MACH	1.995	BETA	.000
○	CY	D1	.000	D3	.000
□	CYB	D2	9.000	D4	9.000
◇	CYM	D1-3	.000	D2-4	9.000
△	CYMB	PHI-C	.000		

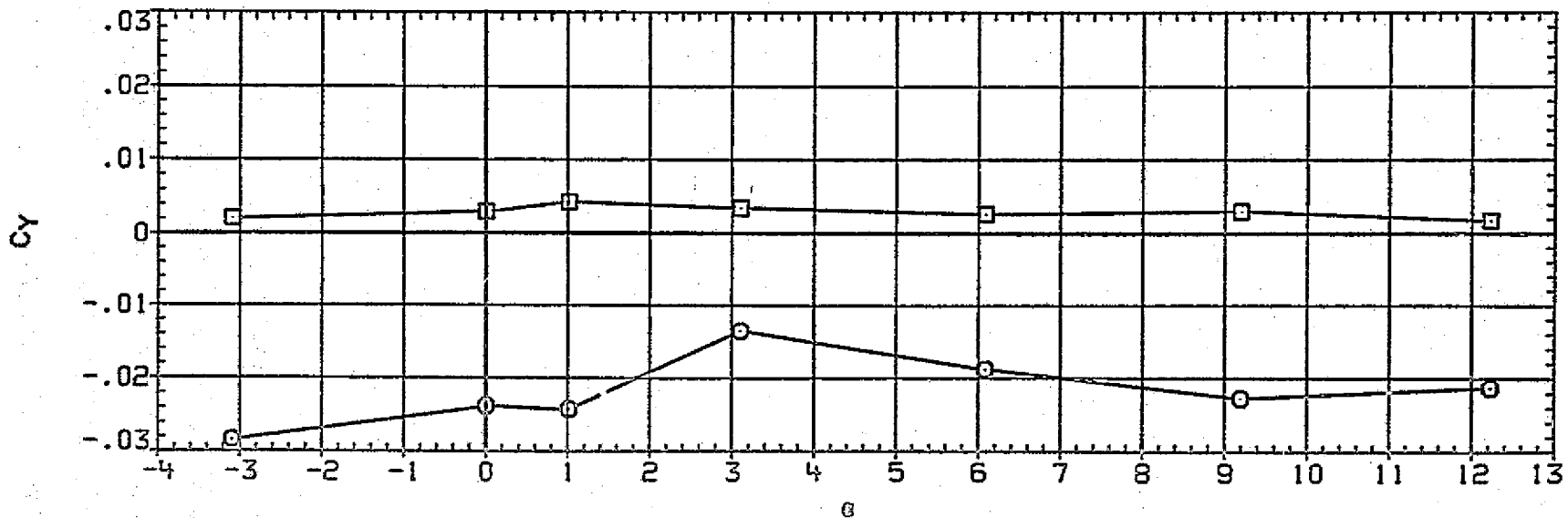
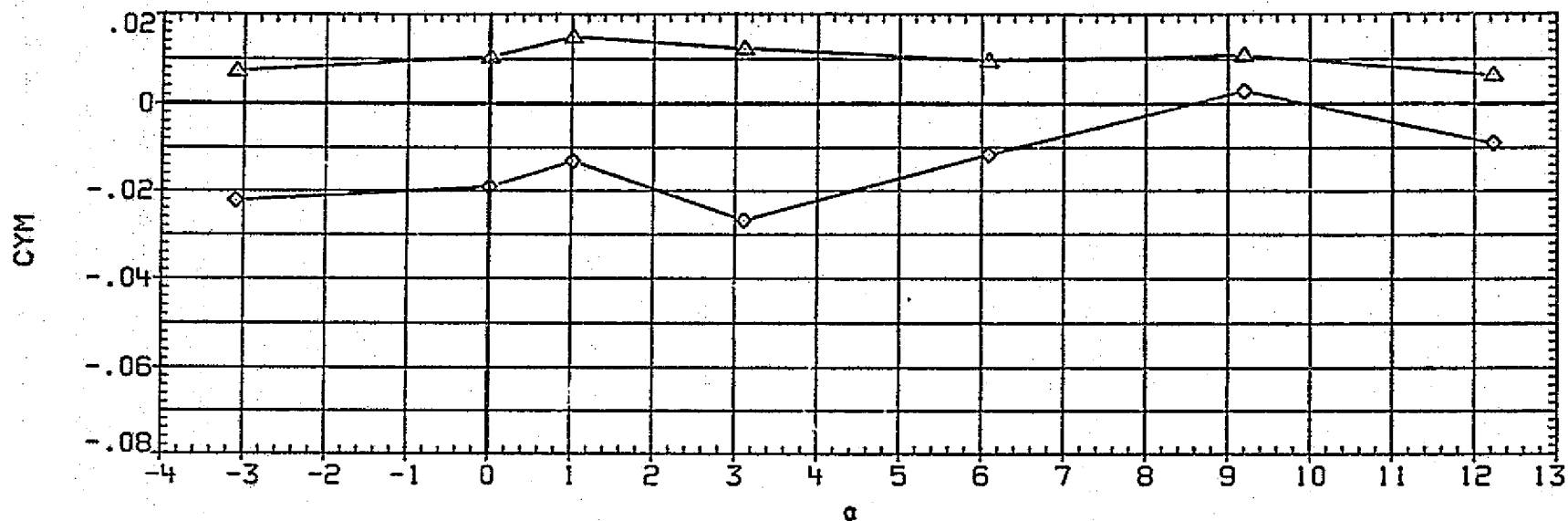


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ223) CONFIGURATION 12 (8N1C4)

SYMBOL	DATA	PARAMETRIC VALUES			
□	CRM	MACH	1.496	BETA	.000
○	CRM	D1	.000	D3	.000
◇	CA	D2	9.000	D4	9.000
		D1-3	.000	D2-4	9.000
		PHI-C	.000		

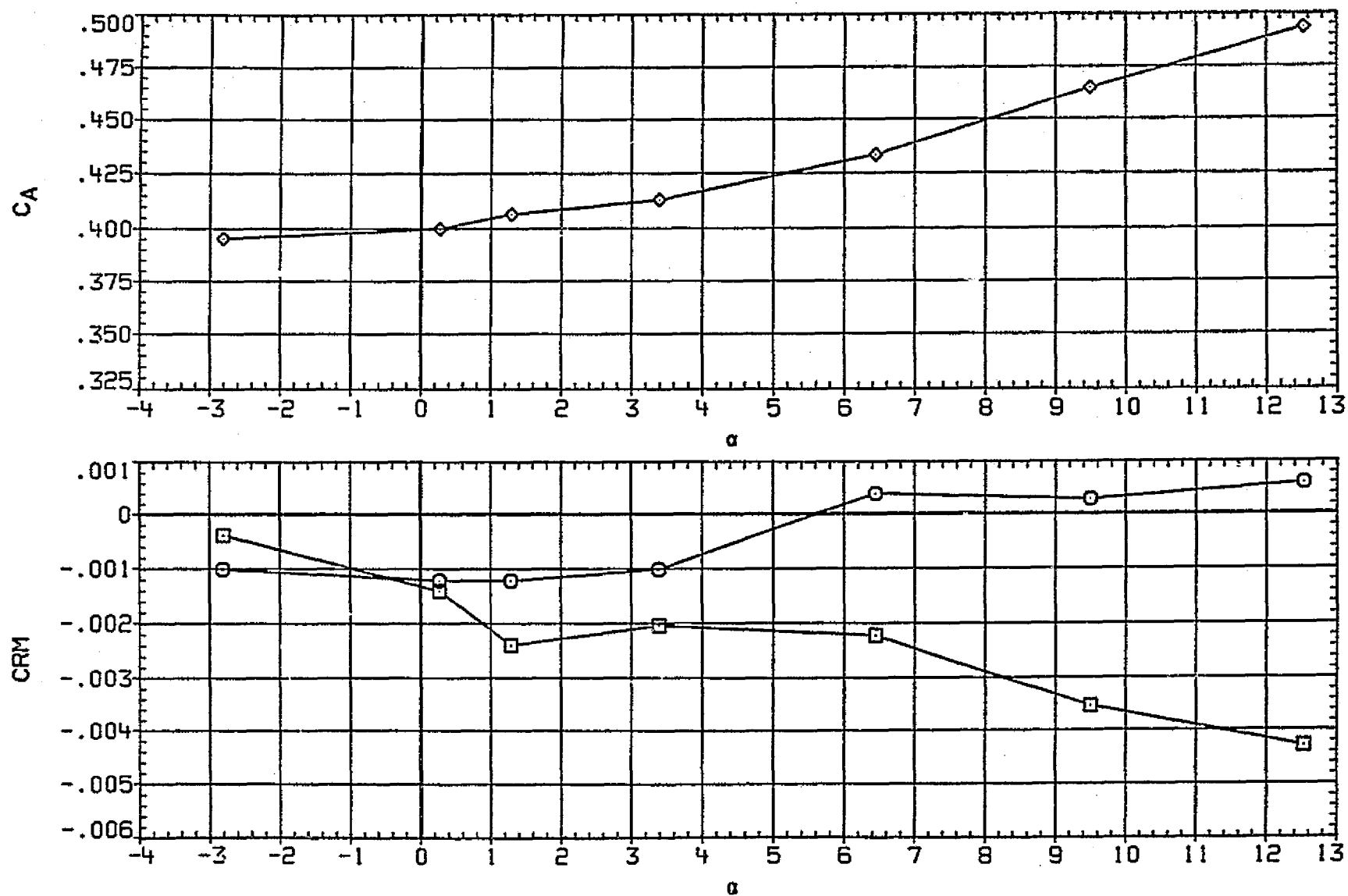


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ223) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.995 BETA .000
□	CRMS	D1 .000 D3 .000
◇	CA	D2 9.000 D4 9.000
		D1-3 .000 D2-4 9.000
		PHI-C .000

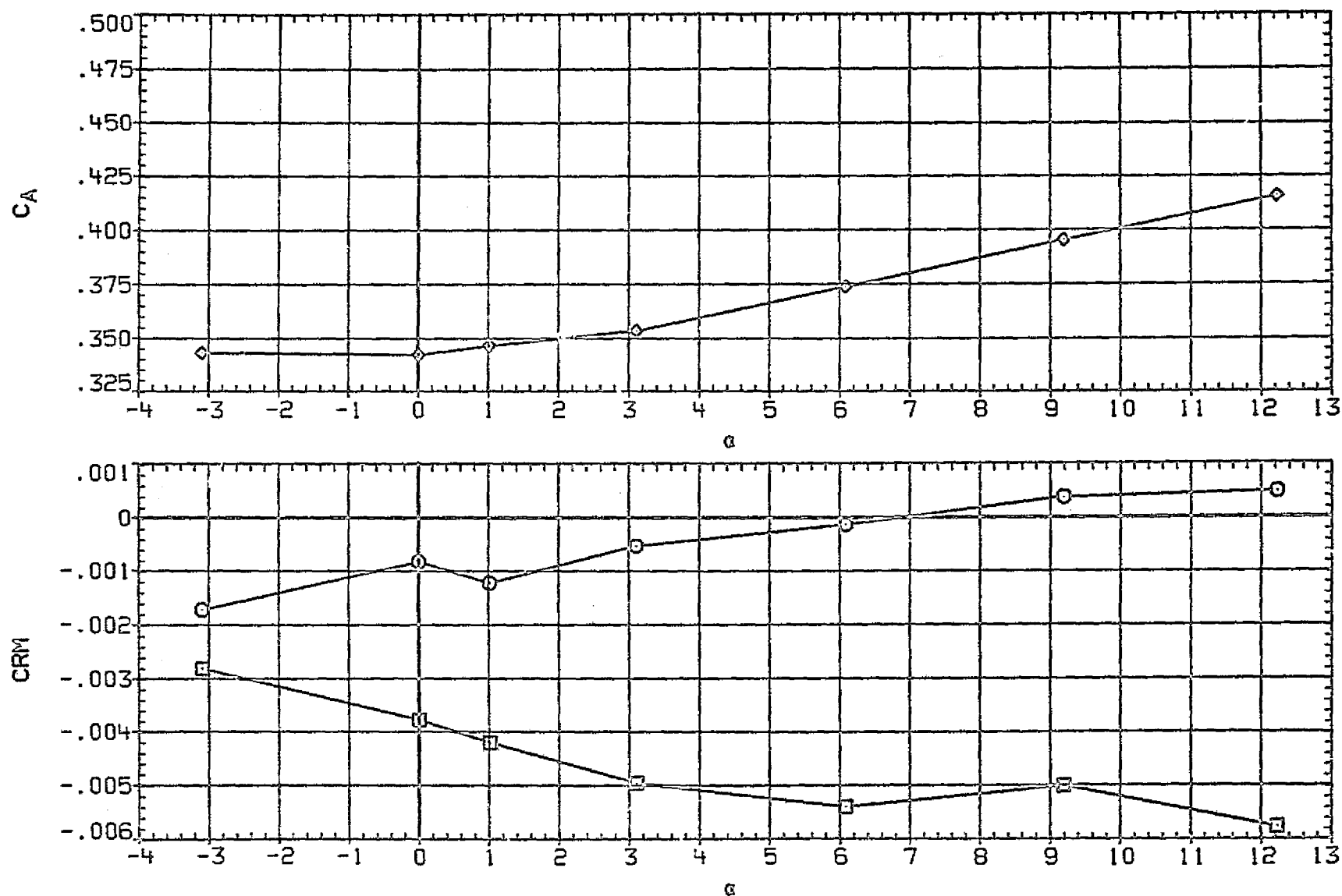


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ224)

CONFIGURATION 12 (BNIC4)

SYMBOL

DATA

PARAMETRIC VALUES

□
◇
△

CN
CN3
CM
CMS

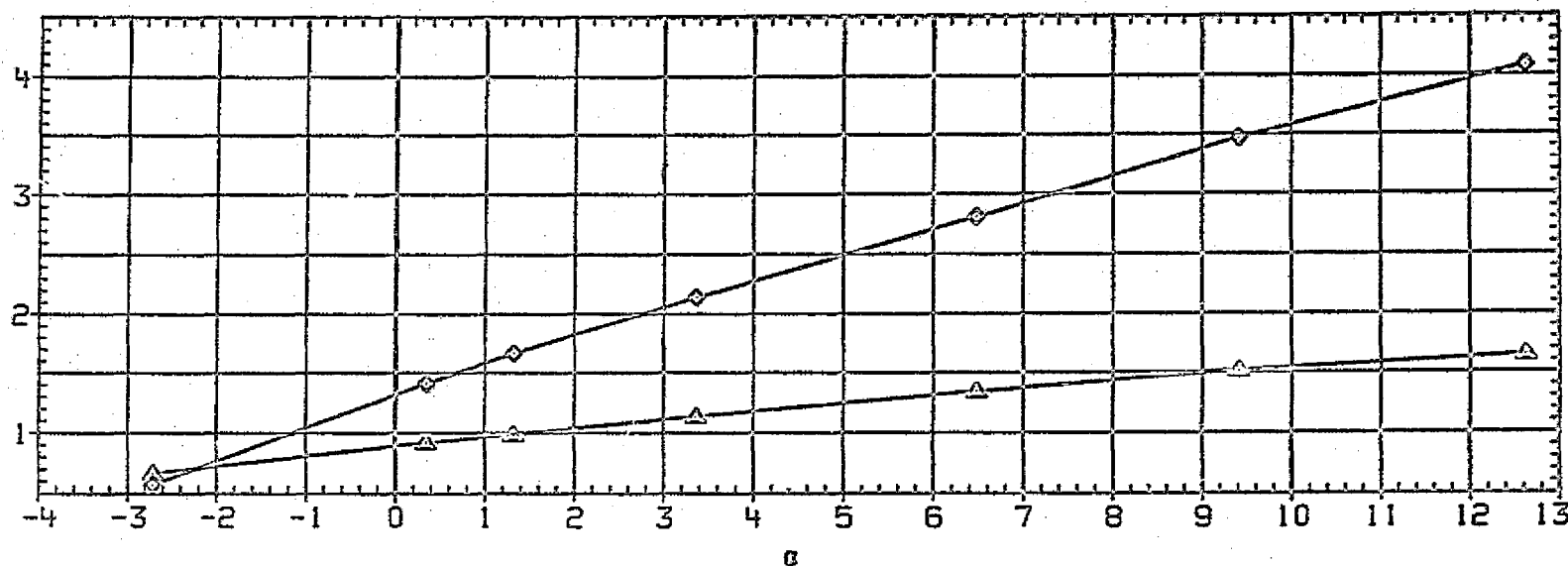
MACH
D1
D2
D1-3
PHI-C

1.455
.000
15.000
.000
.000

ETA
D3
D4
D2-4

.000
.000
15.000
15.000

CM



CN

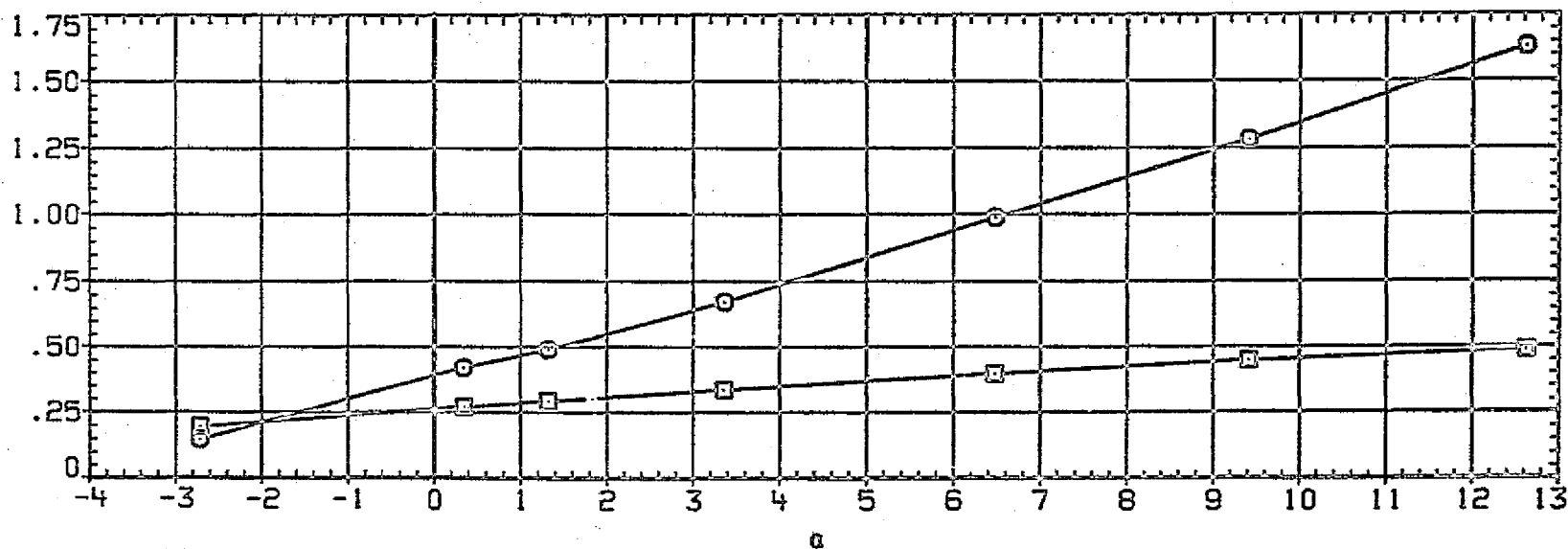


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ224) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.994 BETA .000
□	CNS	D1 .000 D3 .000
◇	CM	D2 15.000 D4 15.000
△	CNS	D1-3 .000 D2-4 15.000
		PHI-C .000

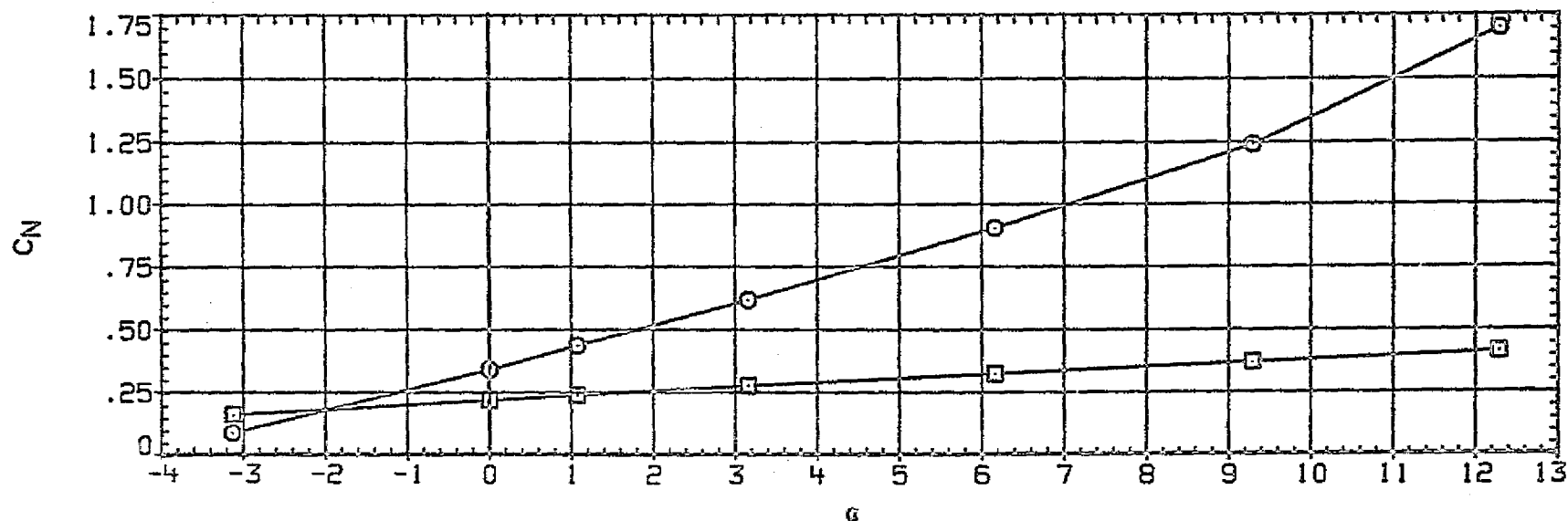
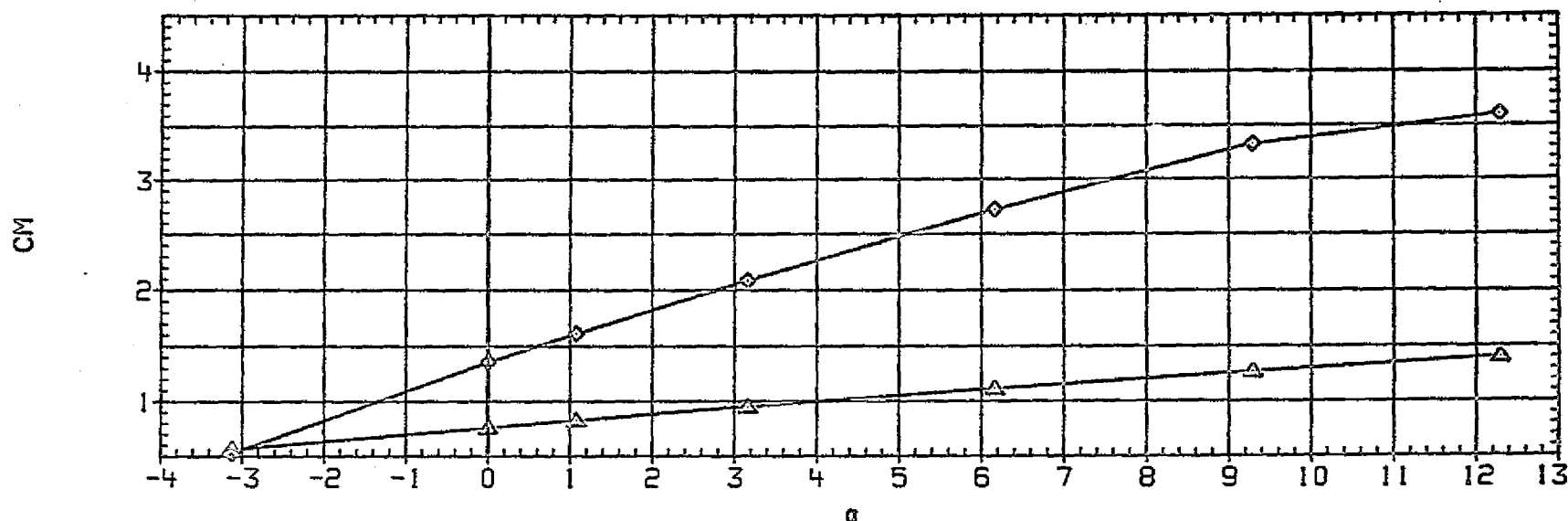


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ224) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.495 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 15.000 D4 15.000
△	CYB	D1-3 .000 D2-4 15.000
		PHI-C .000

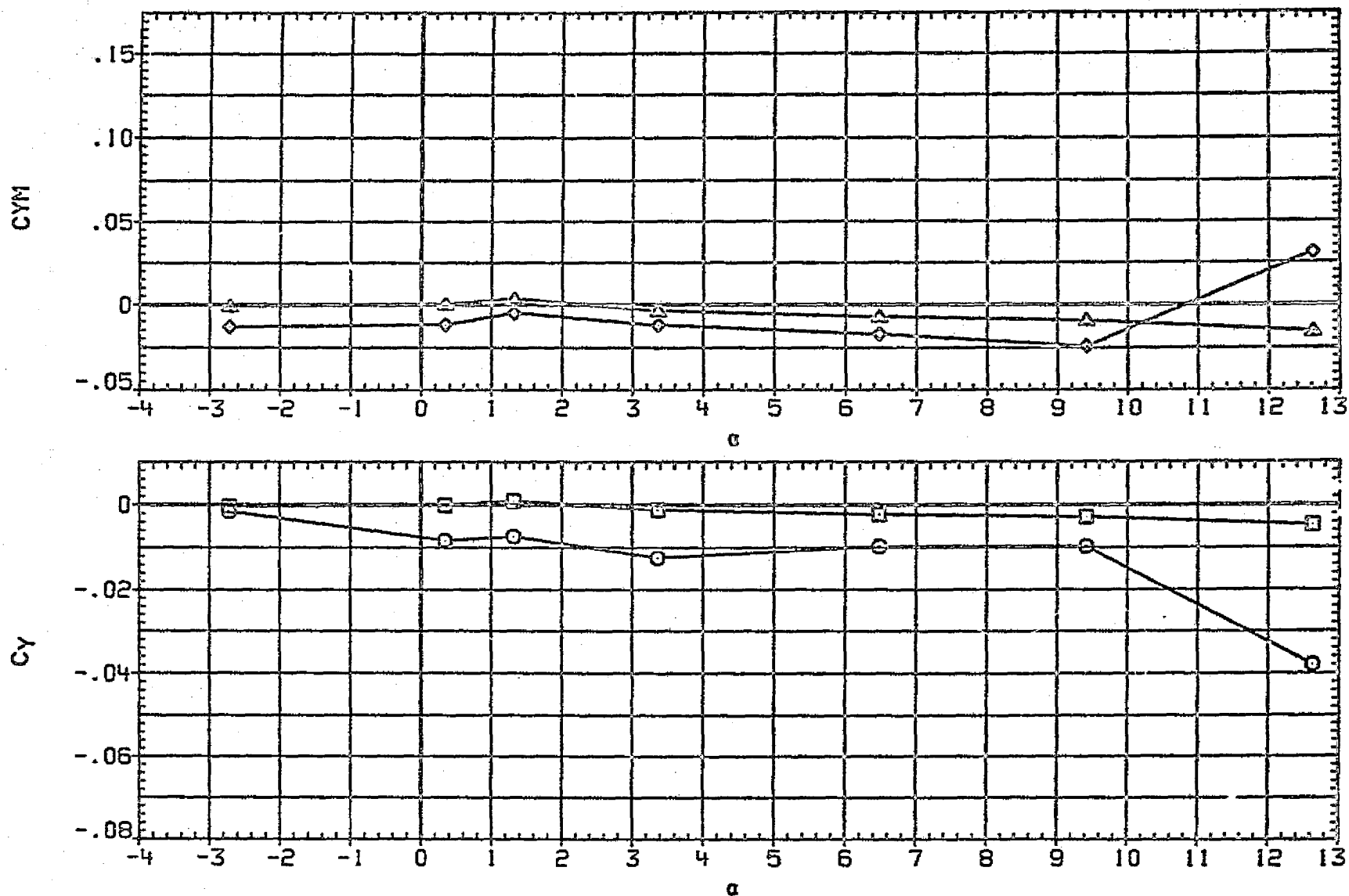


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ224) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.994 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 15.000 D4 15.000
△	CYB	D1-3 .000 D2-4 15.000
		PHI-C .000

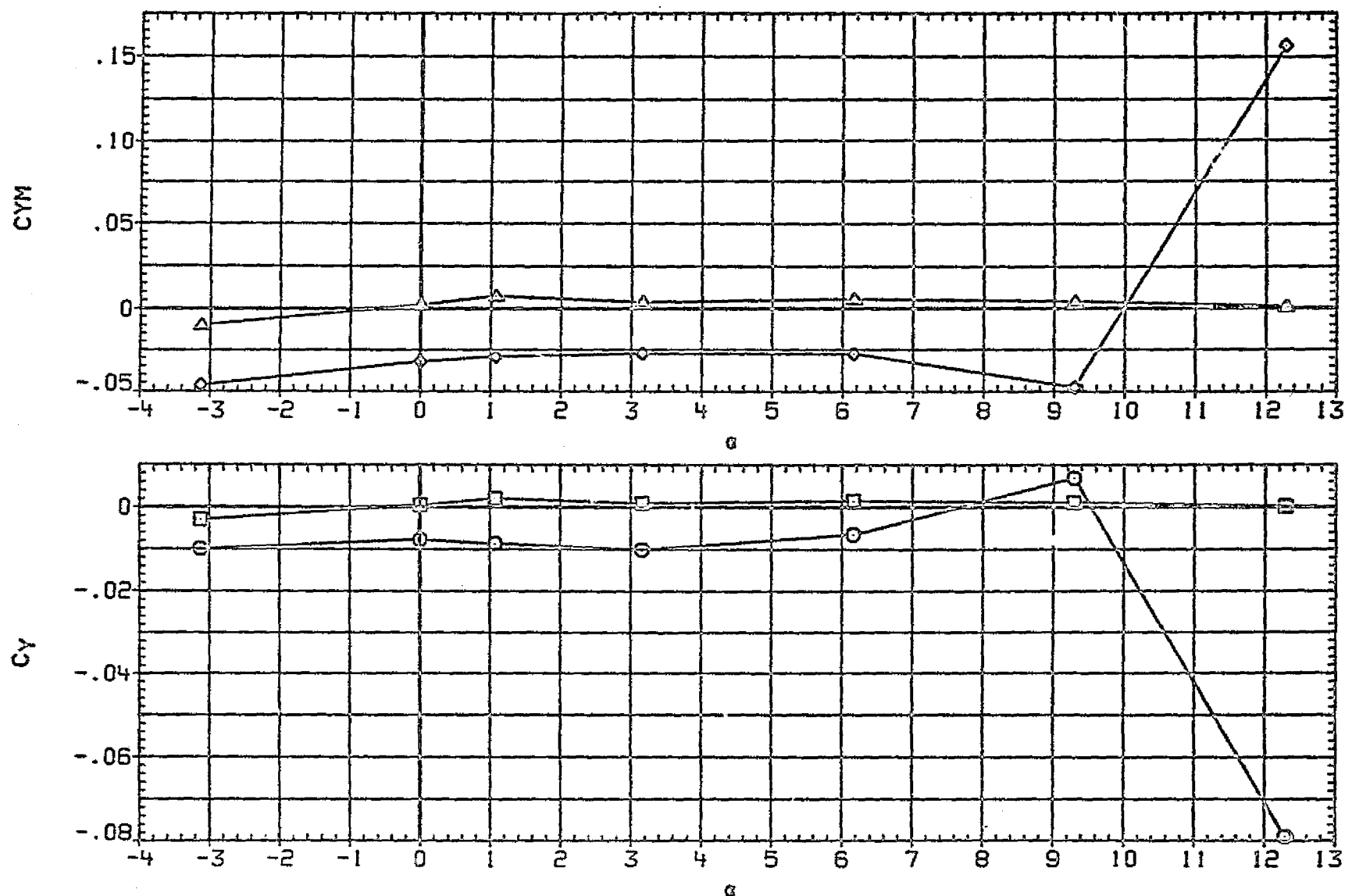


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ224) CONFIGURATION 12 (BNIC4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.495 BETA .000
◇	CRM	D1 .000 D3 .000
◇	CA	D2 15.000 D4 15.000
		D1-3 .000 D2-4 15.000
		PHI-C .000

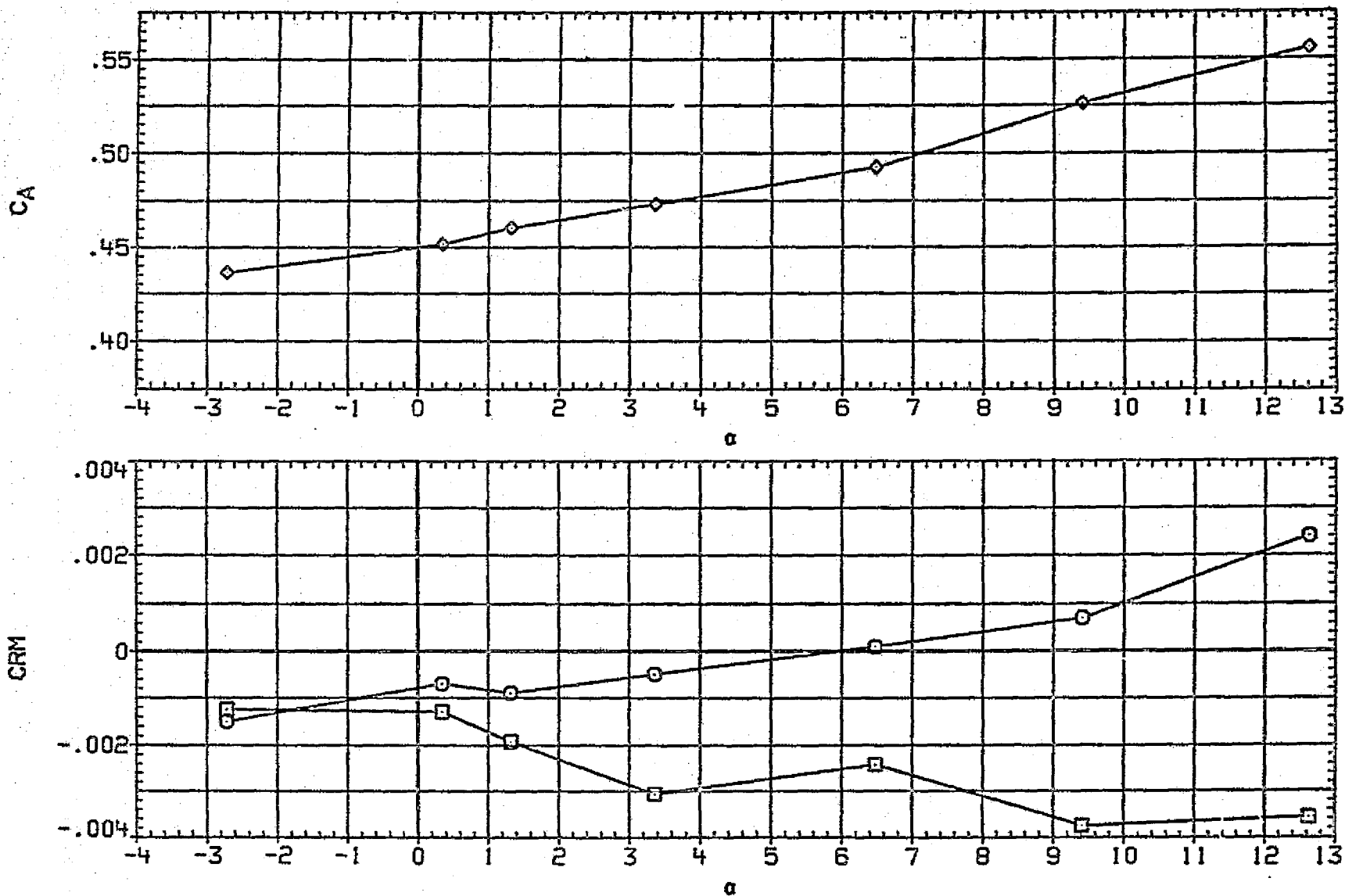


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ224) CONFIGURATION 12 (BN1C4)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.994 BETA .000
□	CRM	D1 .000 D3 .000
◇	CA	D2 15.000 D4 15.000
		D1-3 .000 D2-4 15.000
		PHI-C .000

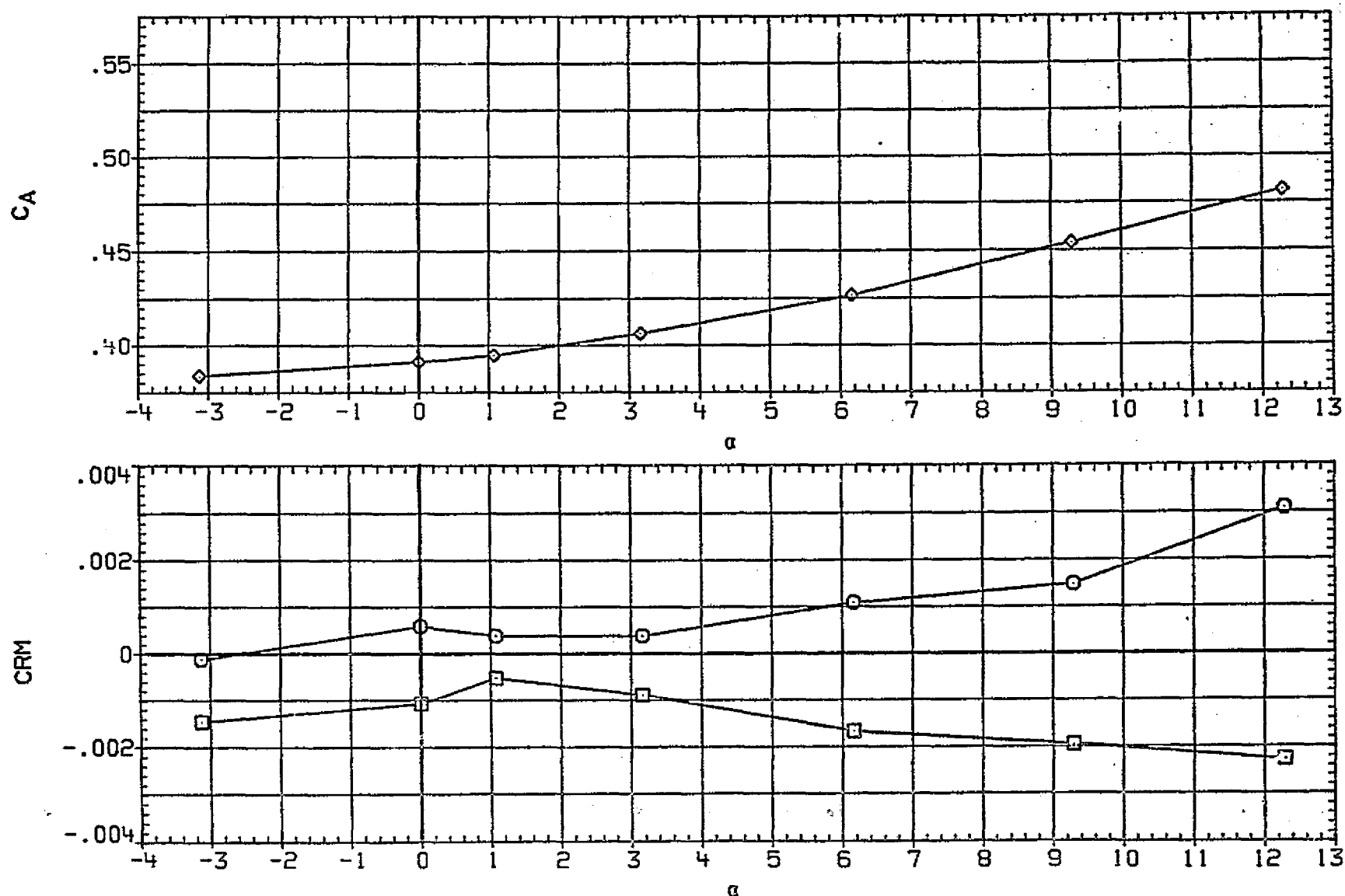


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ225) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.503 BETA .000
□	CNC	01 .000 03 .000
◇	CNT	02 -3.000 04 -3.000
△	CN3	01-3 .000 02-4 -3.000
		PHI-C .000 PHI-T .000

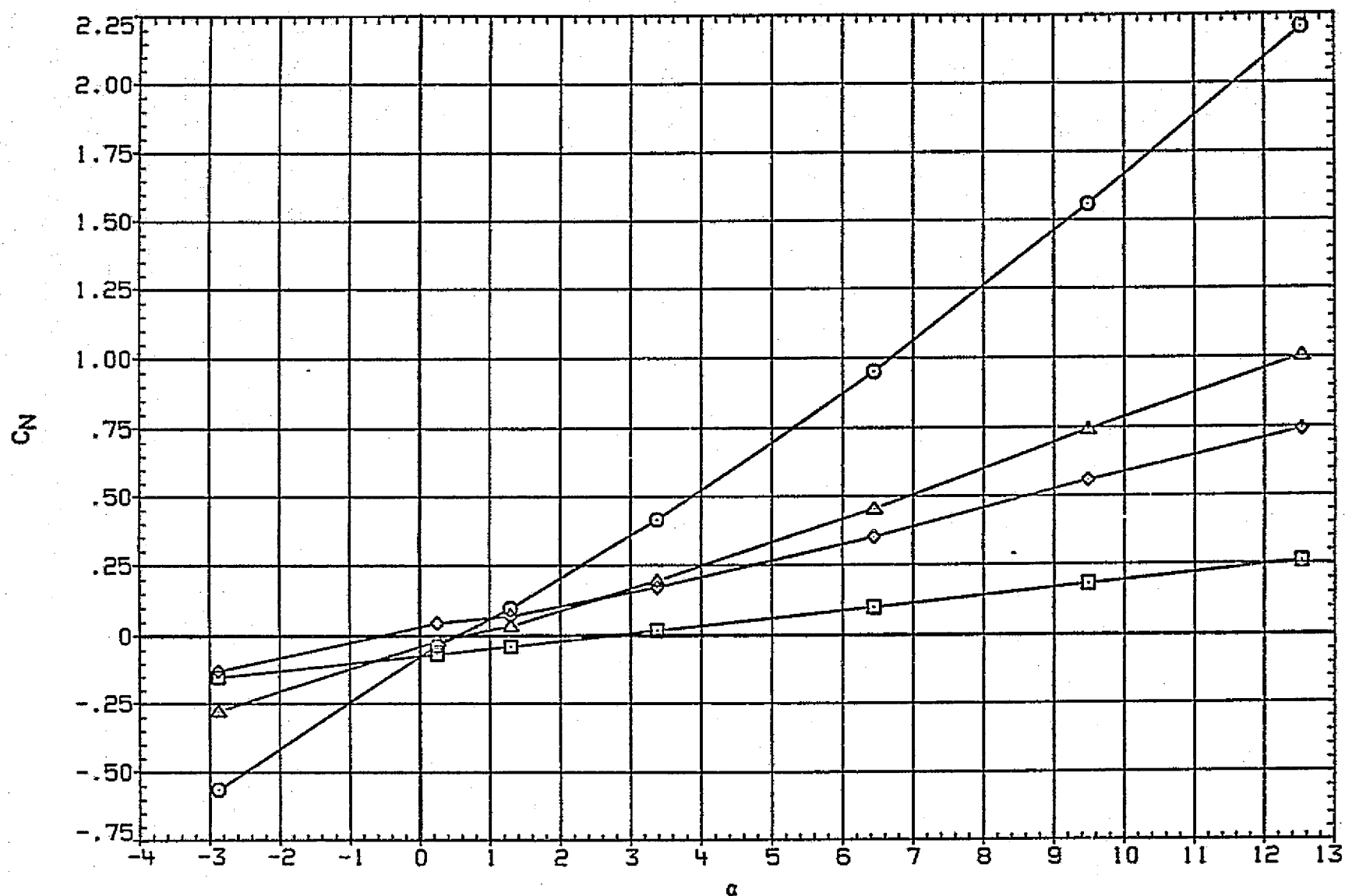


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ225) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.988	BETA	.000
□	CNC	D1	.000	D3	.000
◇	CNT	D2	-3.000	D4	-3.000
△	CNB	D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

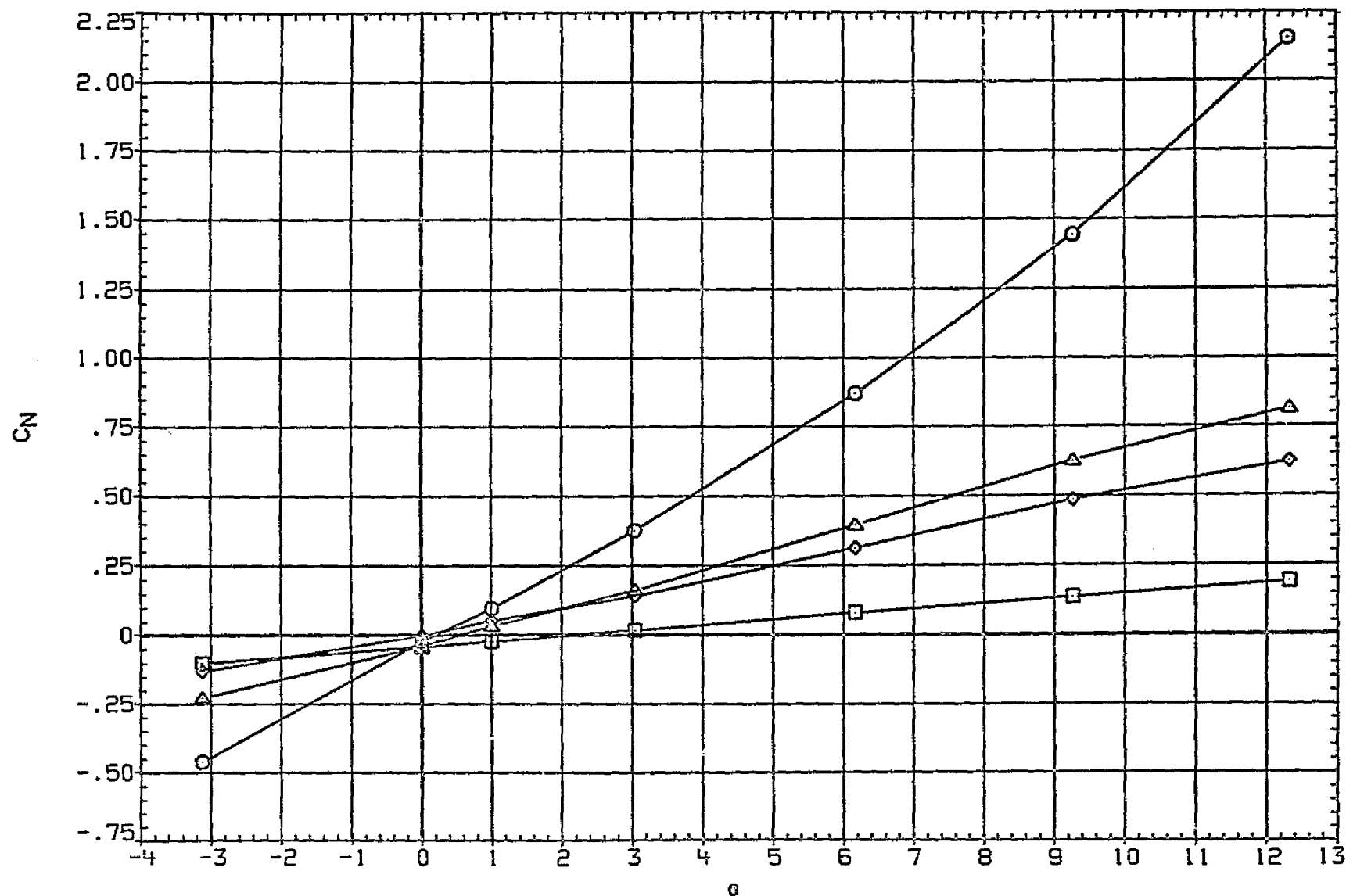


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ225)

CONFIGURATION 13 (BNIC4T1)

SYMBOL

DATA

PARAMETRIC VALUES

○
□
◇
△

CM
CMC
CMT
CMG

MACH
D1
D2
D1-3
PHI-C

1.503
.000
-3.000
.000
.000

EETA
D3
D4
D2-4
PHI-T

.000
.000
-3.000
-3.000
.000

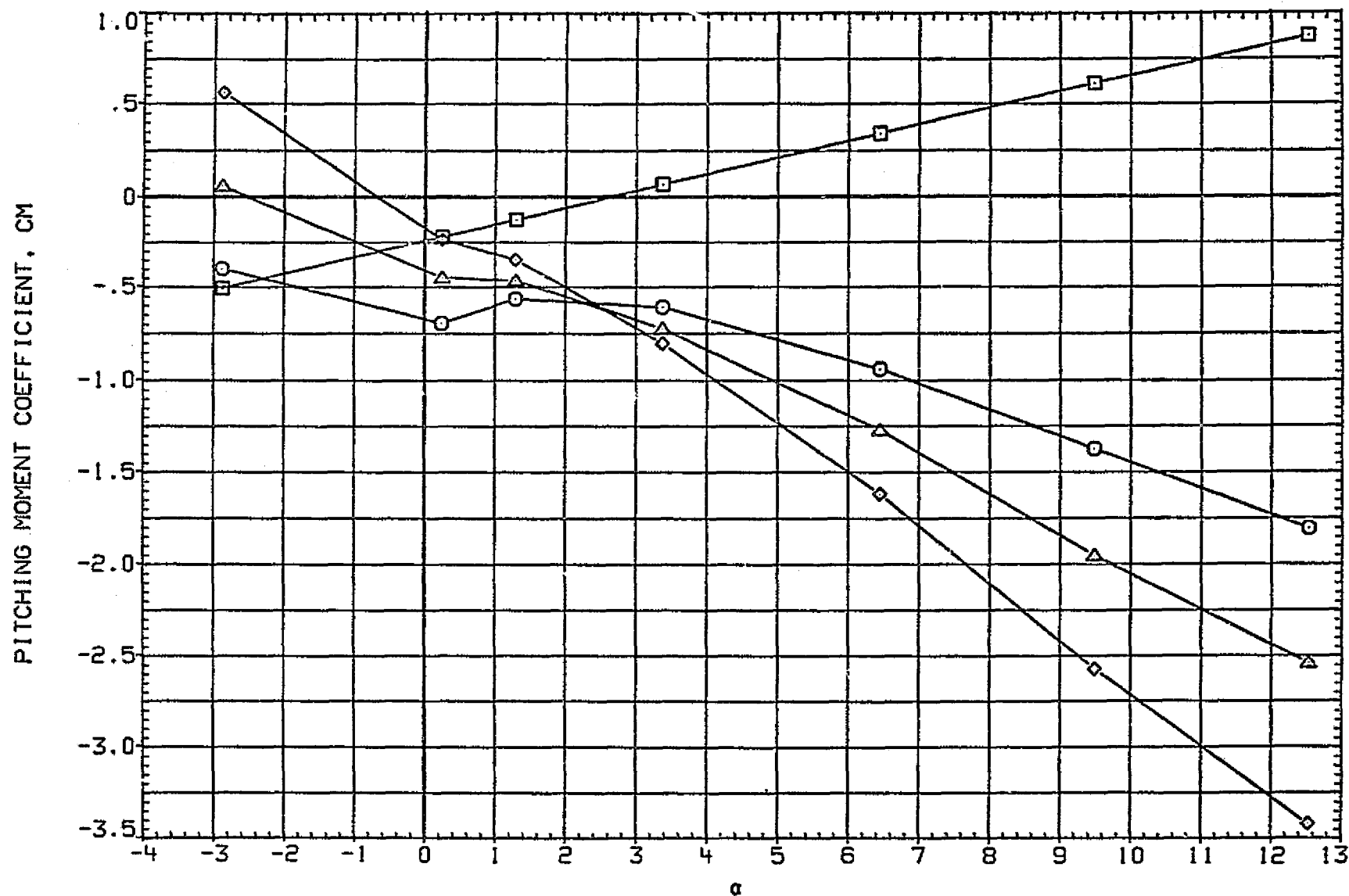


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ225) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CH	MACH 1.938 BETA .000
□	CMC	D1 .000 D3 .000
△	CMT	D2 -3.000 D4 -3.000
◇	CMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

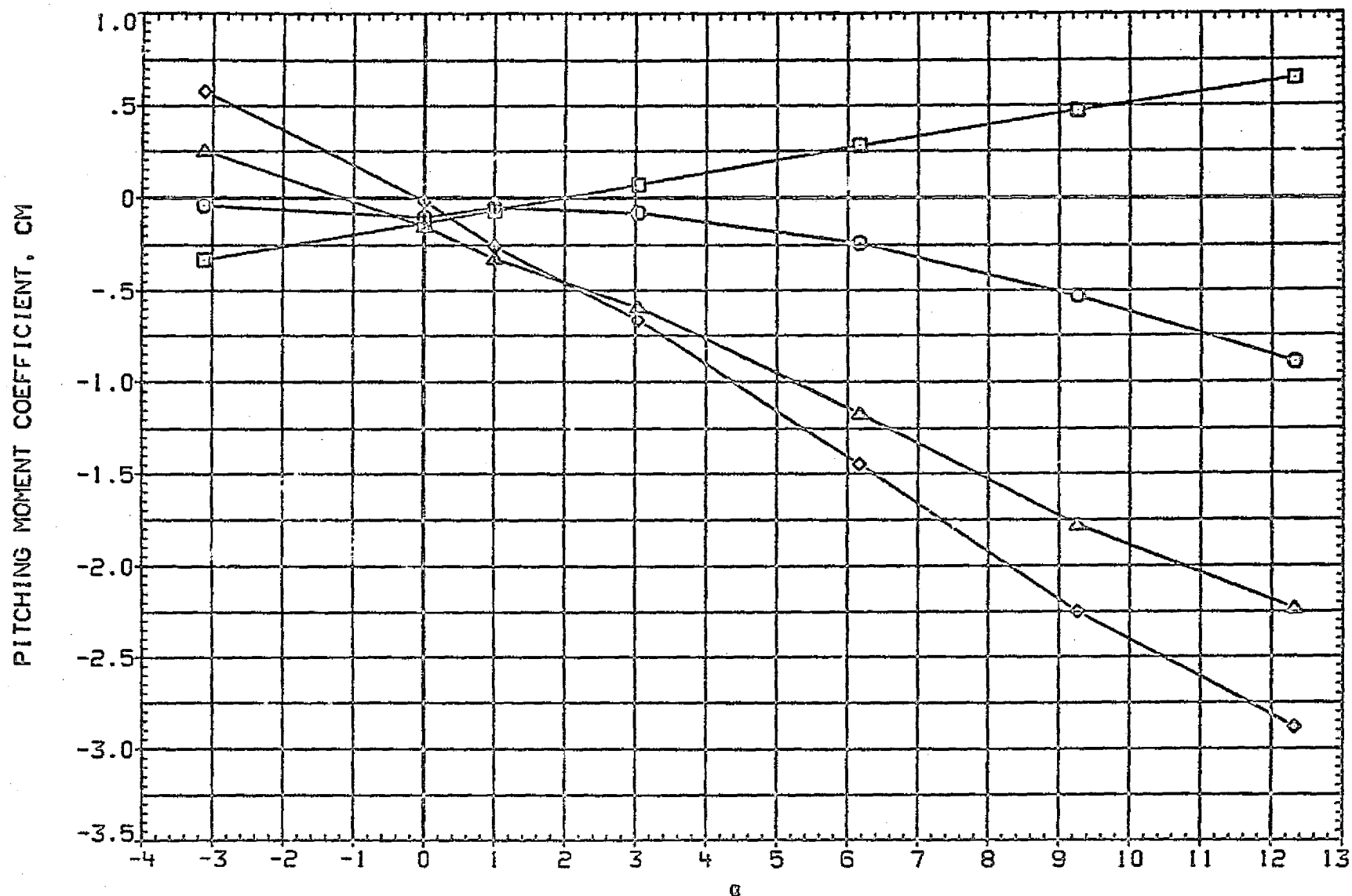


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ225) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	HACH	1.503	BETA	.000
		D1	.000	D3	.000
		D2	-3.000	D4	-3.000
		D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

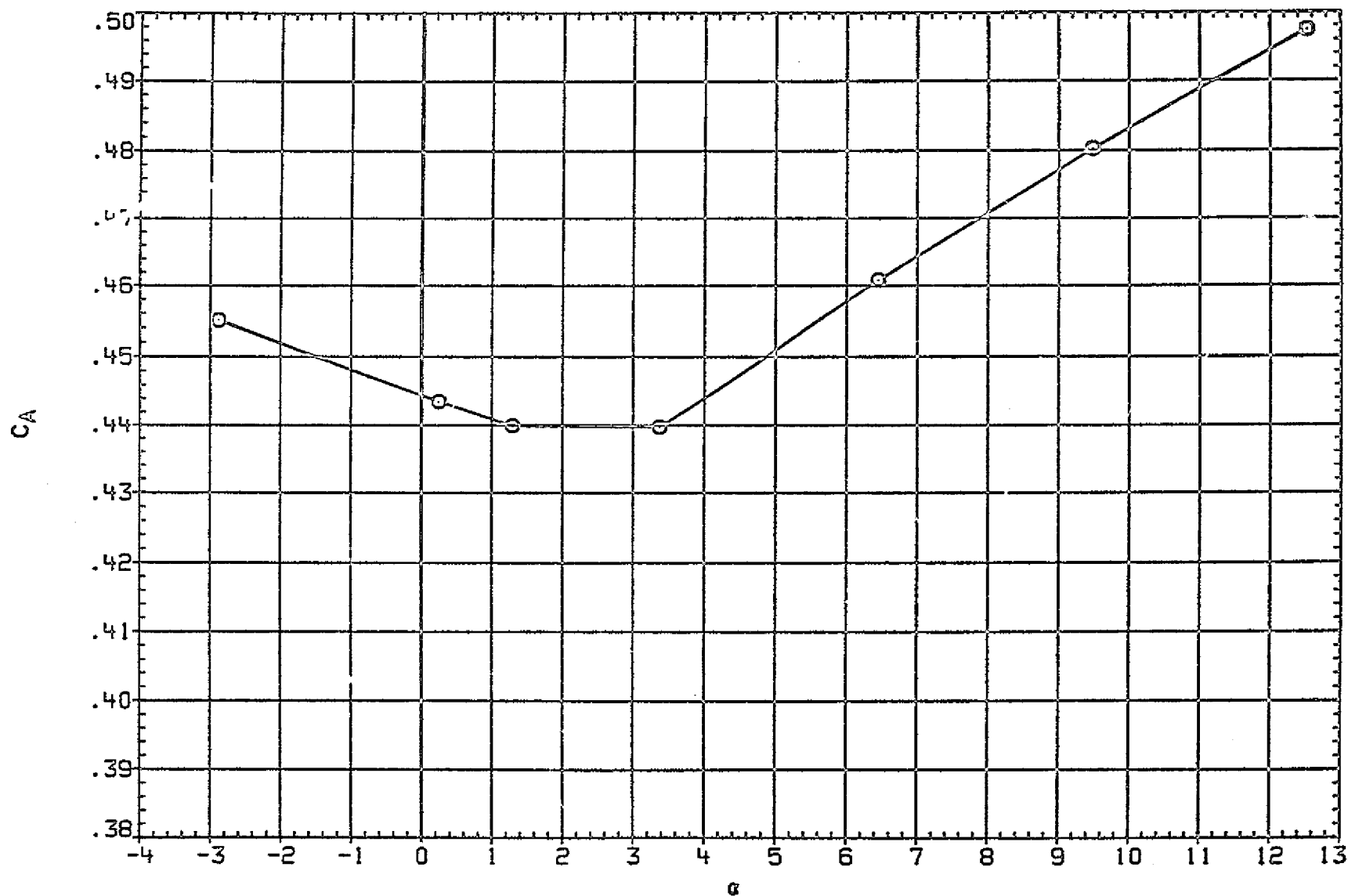


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ225) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.989	BETA	.000
		D1	.000	D3	.000
		D2	-3.000	D4	-3.000
		D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

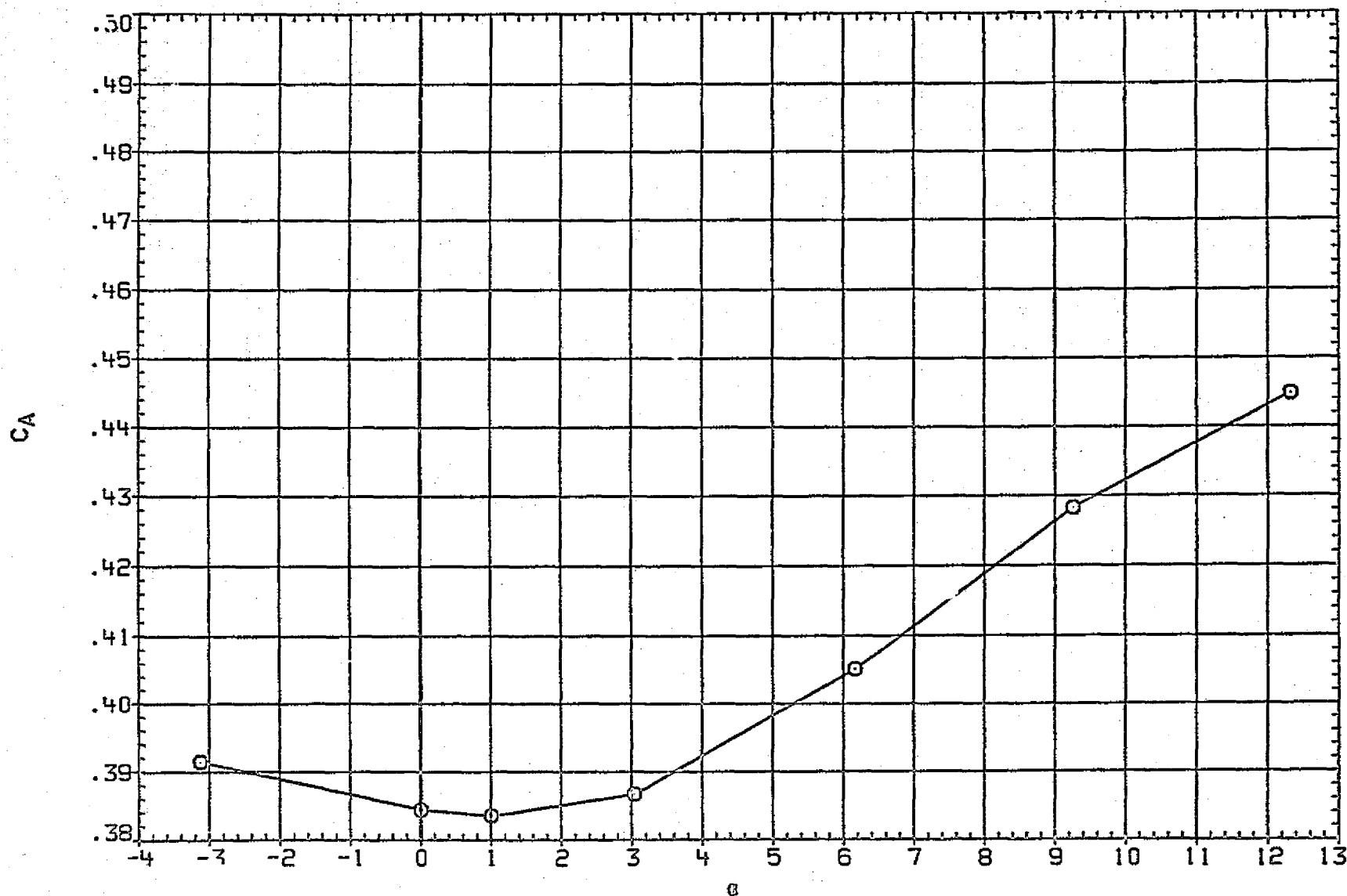


FIG. 9 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ225) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.503 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 -3.000 D4 -3.000
△	CYB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

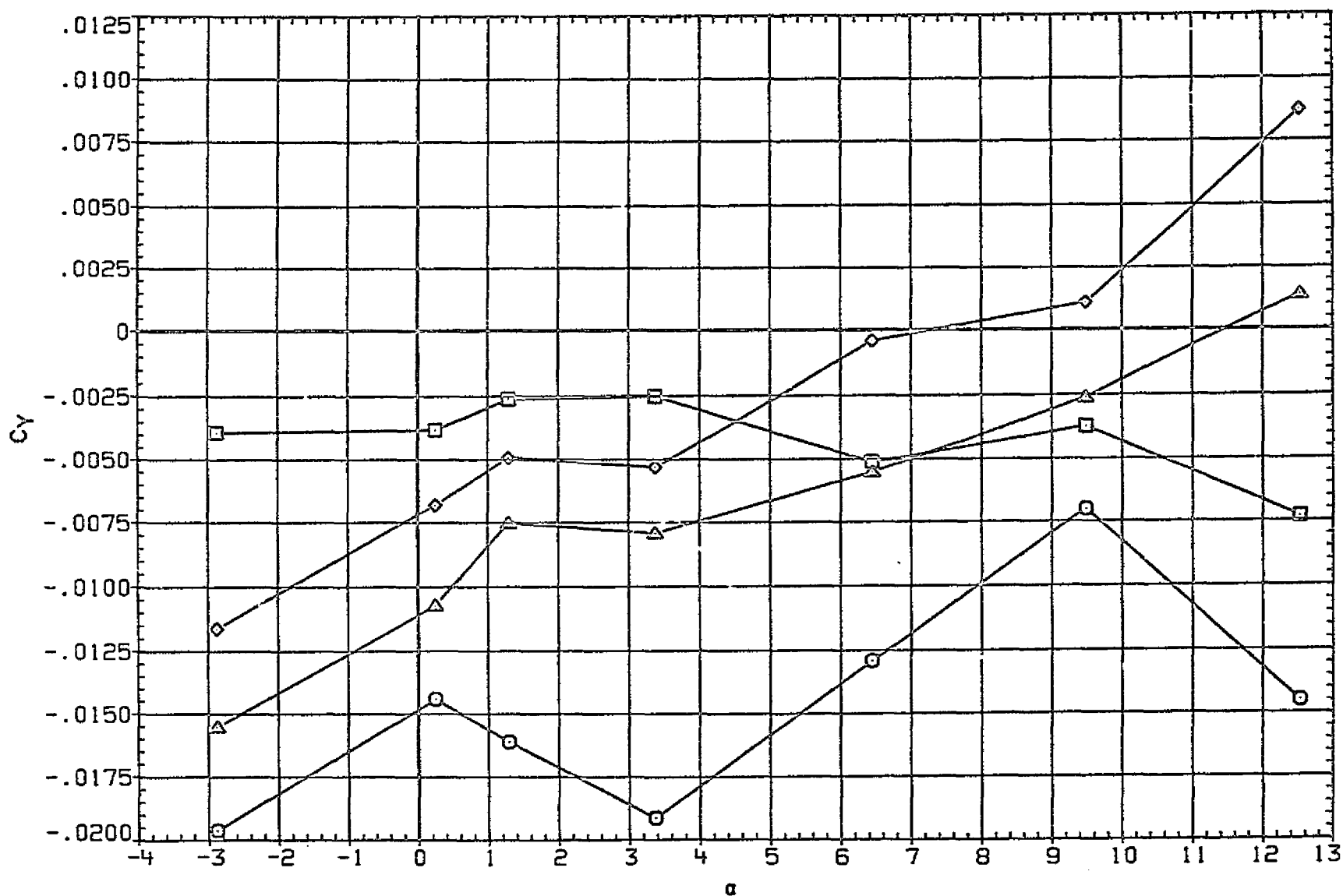


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ225) CONFIGURATION 13 (BN'C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CY	MACH 1.989 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 -3.000 D4 -3.000
△	CYB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

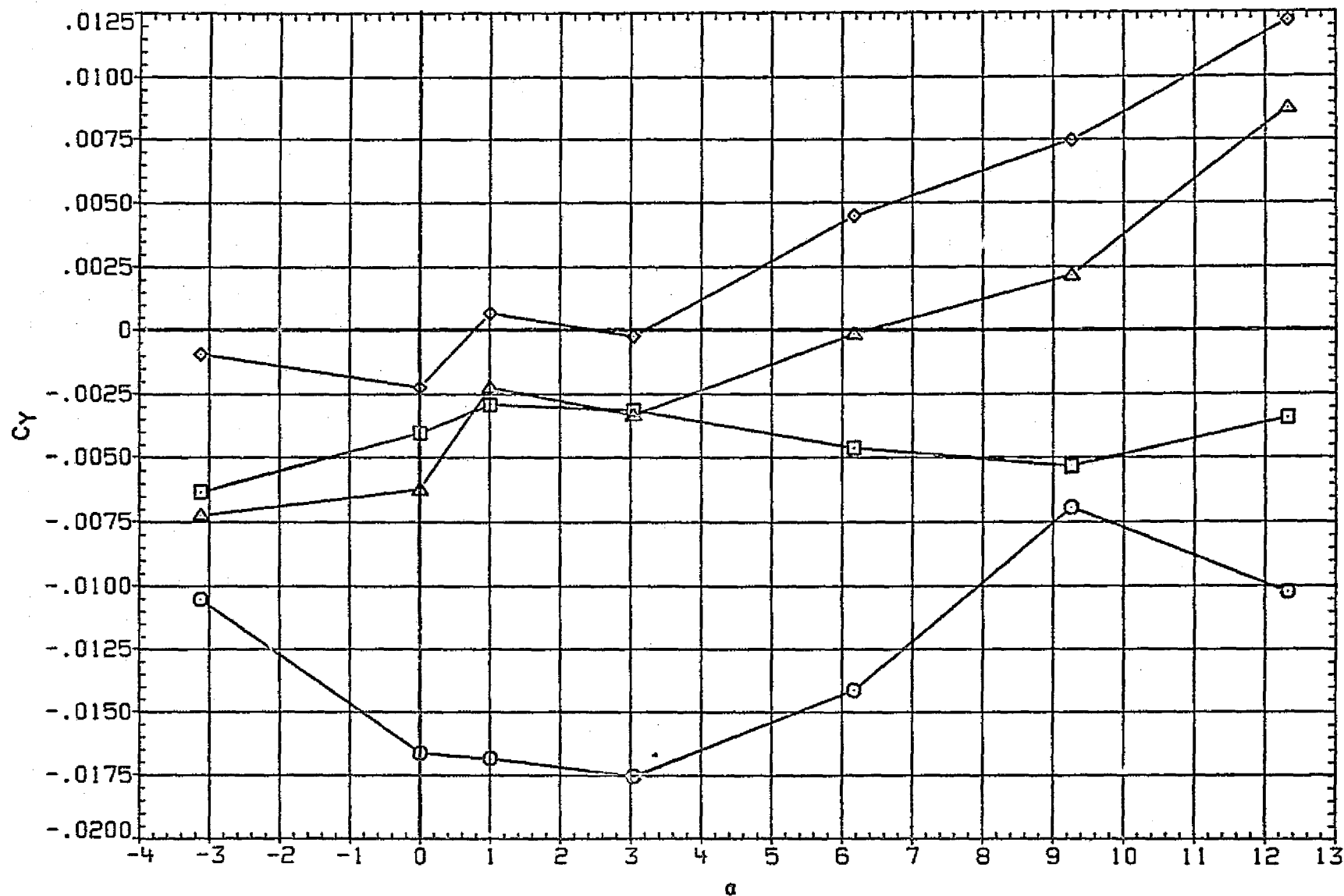


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ225) CONFIGURATION 13 (BN1C4T1)

SYMSOL	DATA	MACH	PARAMETRIC VALUES	BETA	VALUES
○	CYM	1.503	D1	.000	.000
◇	CYMC	.000	D2	.000	.000
△	CYMT	-3.000	D1-3	.000	-3.000
	CYMB	.000	D2-4	.000	-3.000
		.000	PHI-C	.000	.000
			PHI-T		

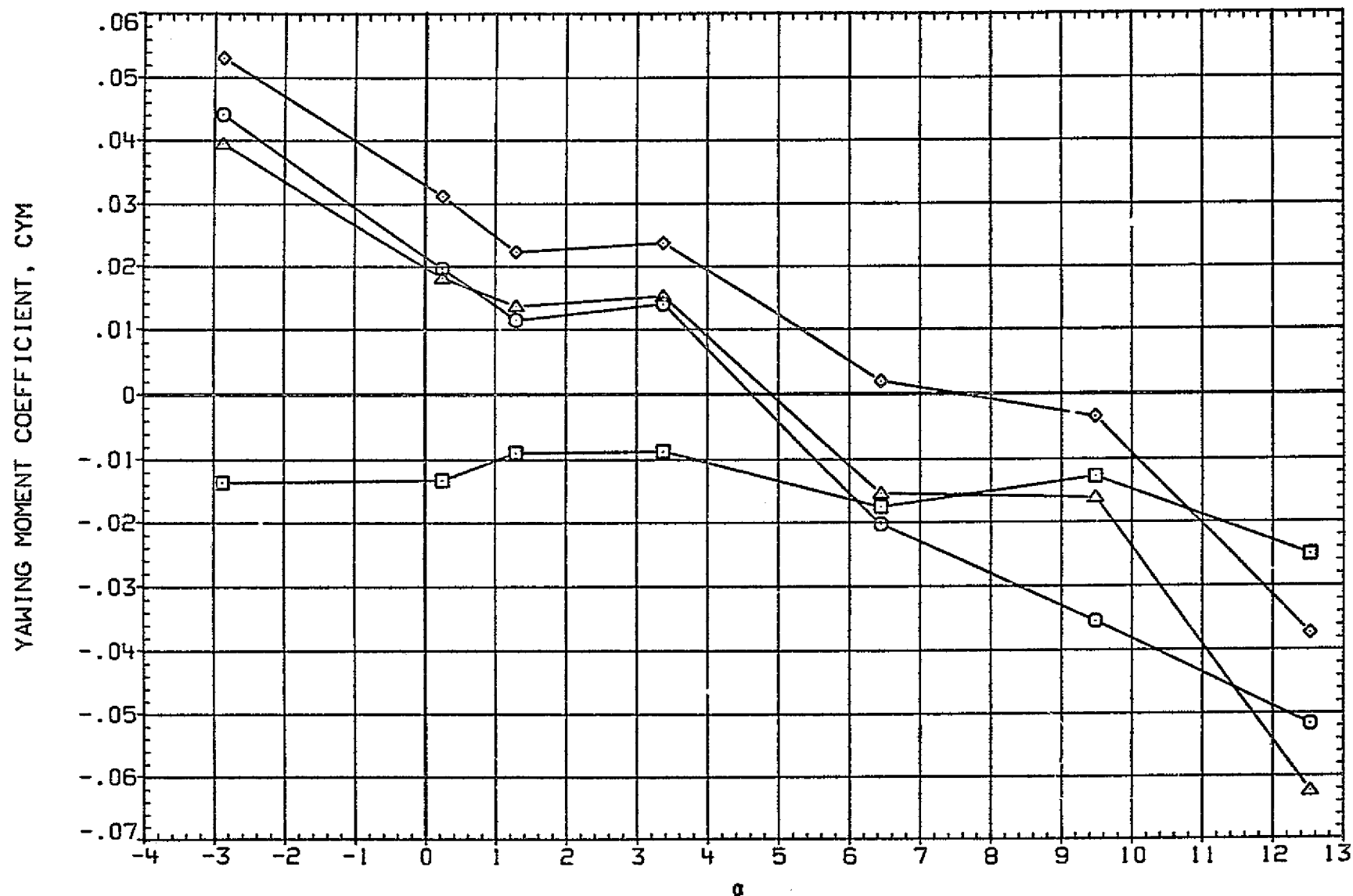


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ225) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.988 BETA .000
□	CYMC	D1 .000 D3 .000
△	CYMT	D2 -3.000 D4 -3.000
	CYMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

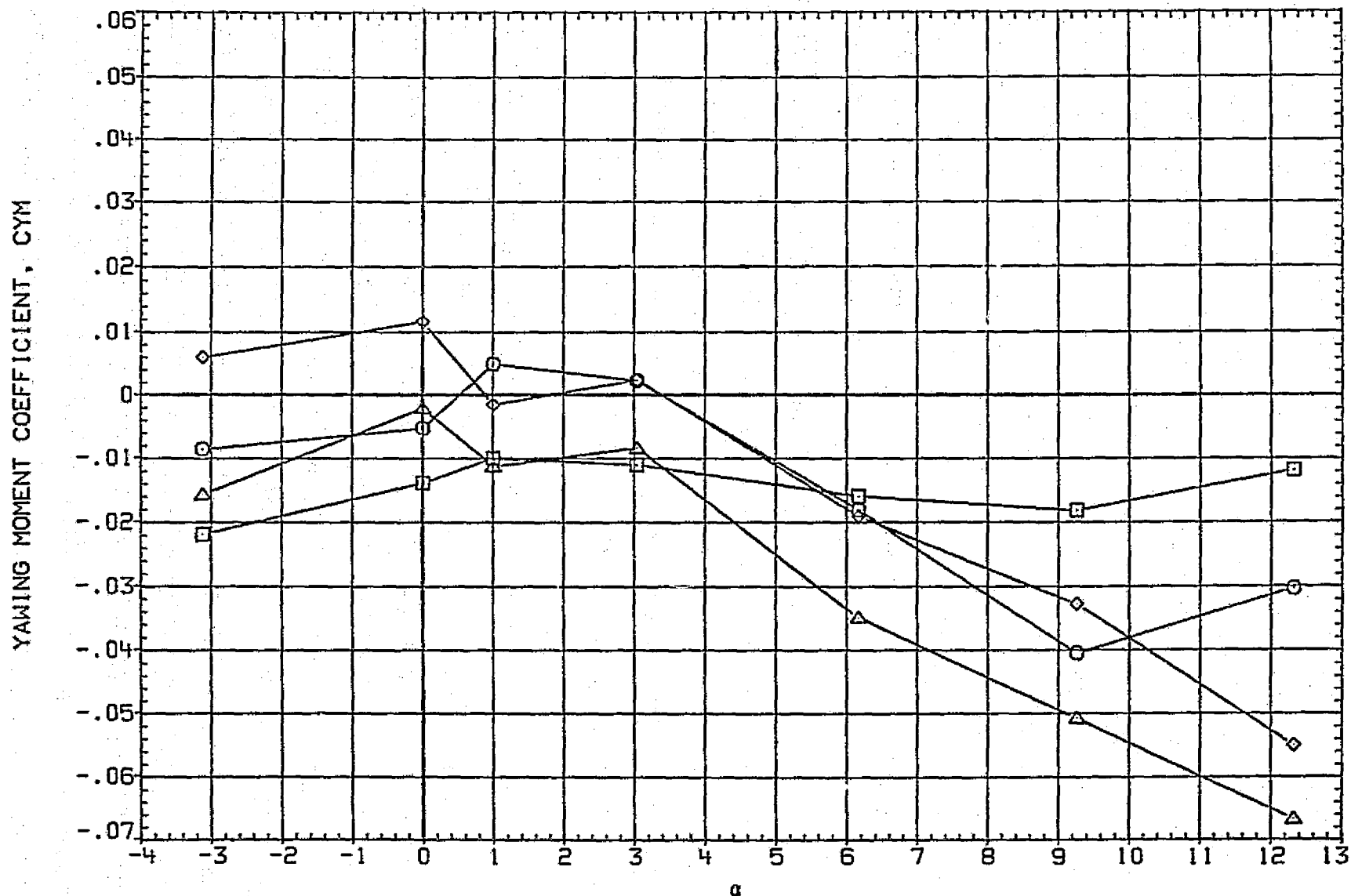


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ225) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.503 BETA .000
◇	CRM/C	D1 .000 D3 .000
△	CRM/T	D2 -3.000 D4 -3.000
□	CRM/B	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

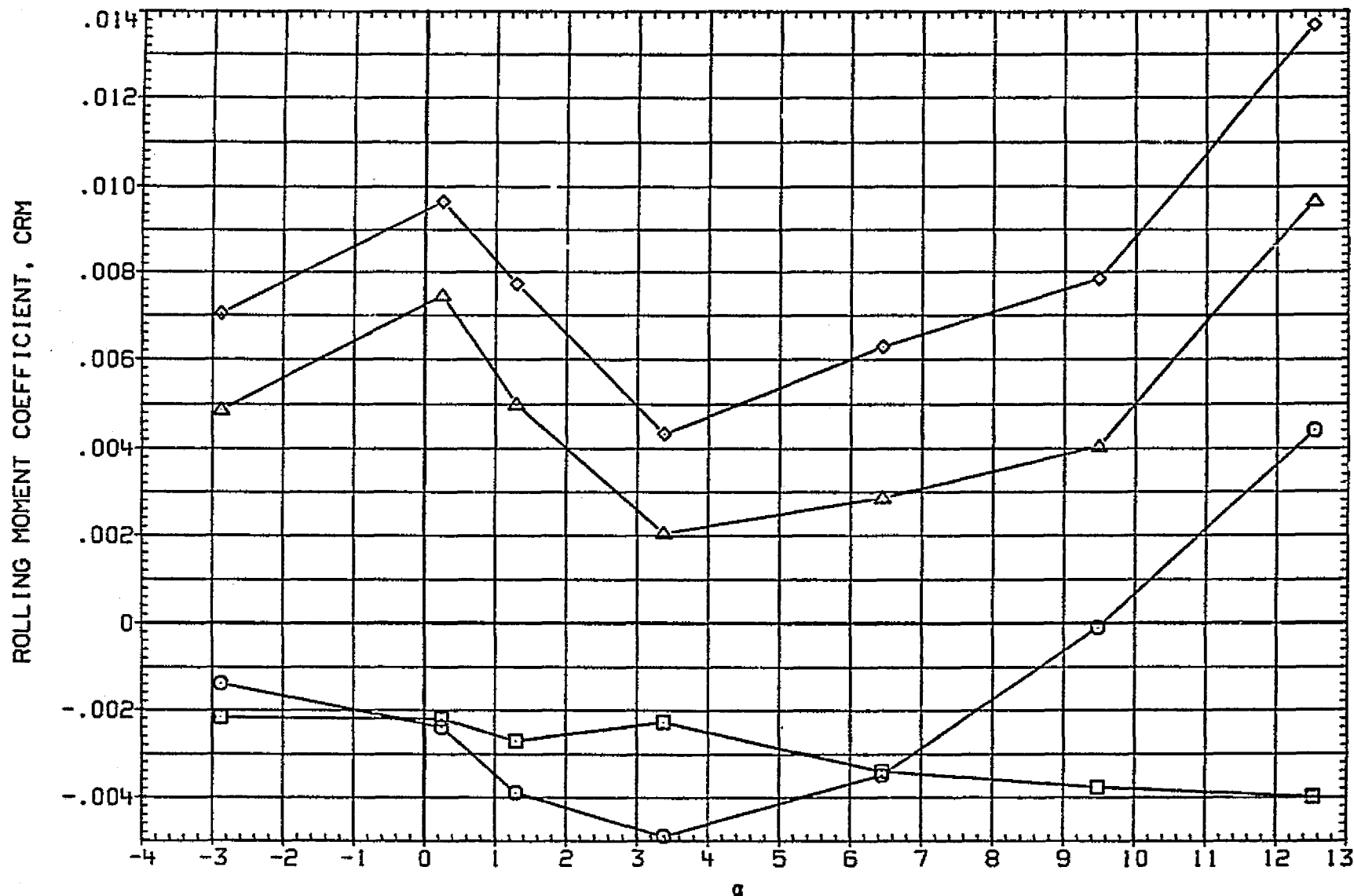


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ 15) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	1.988	BETA	.000
○	CRM	D1	.000	D3	.000
◇	CRM	D2	-3.000	D4	-3.000
△	CRM	D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

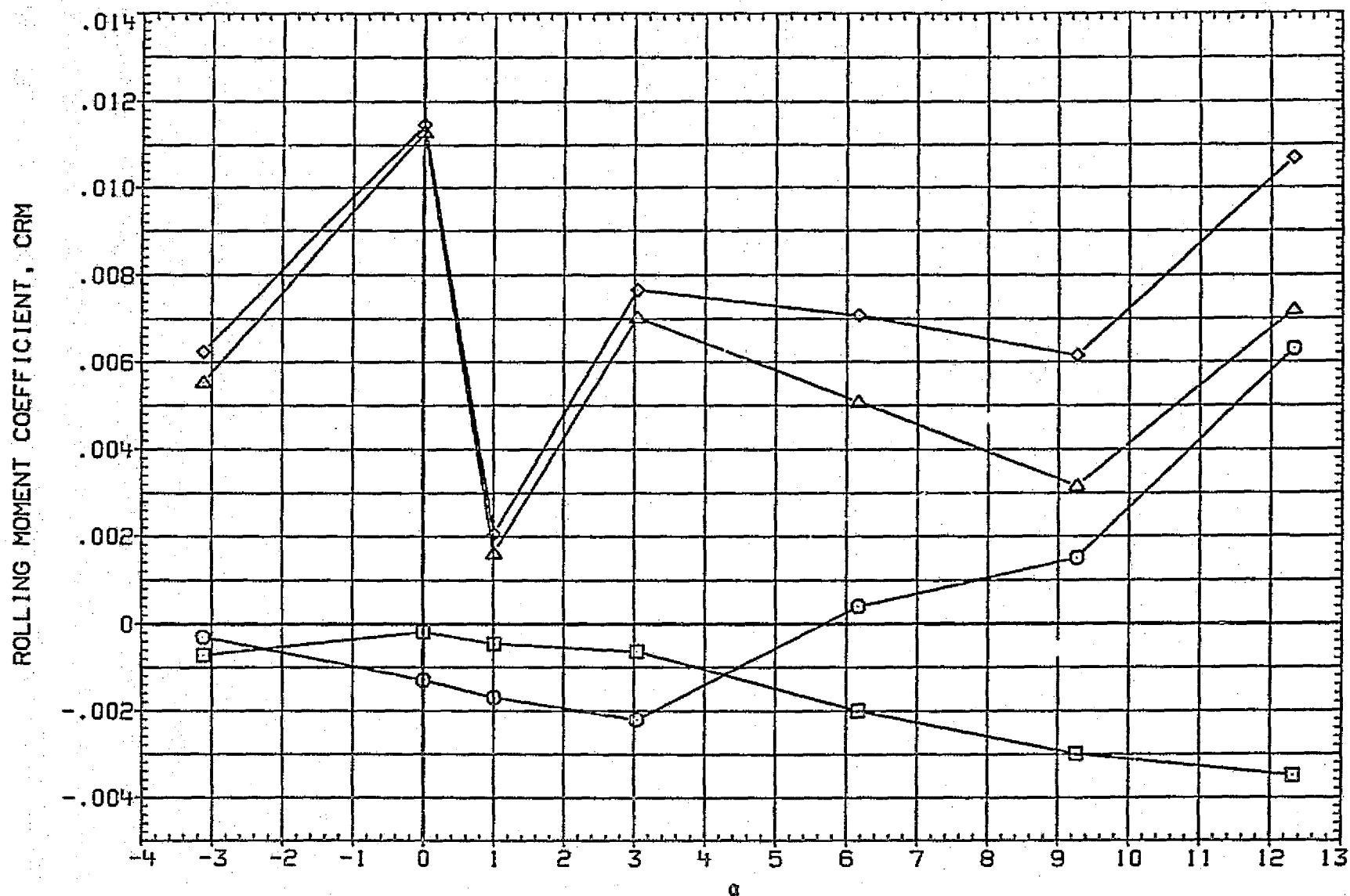


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ226) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	1.501	BETA	.000
○	CN	D1	.000	D3	.000
□	CNC	D2	.000	D4	.000
◇	CNT	D1-3	.000	D2-4	.000
△	CN3	PHI-C	.000	PHI-T	.000

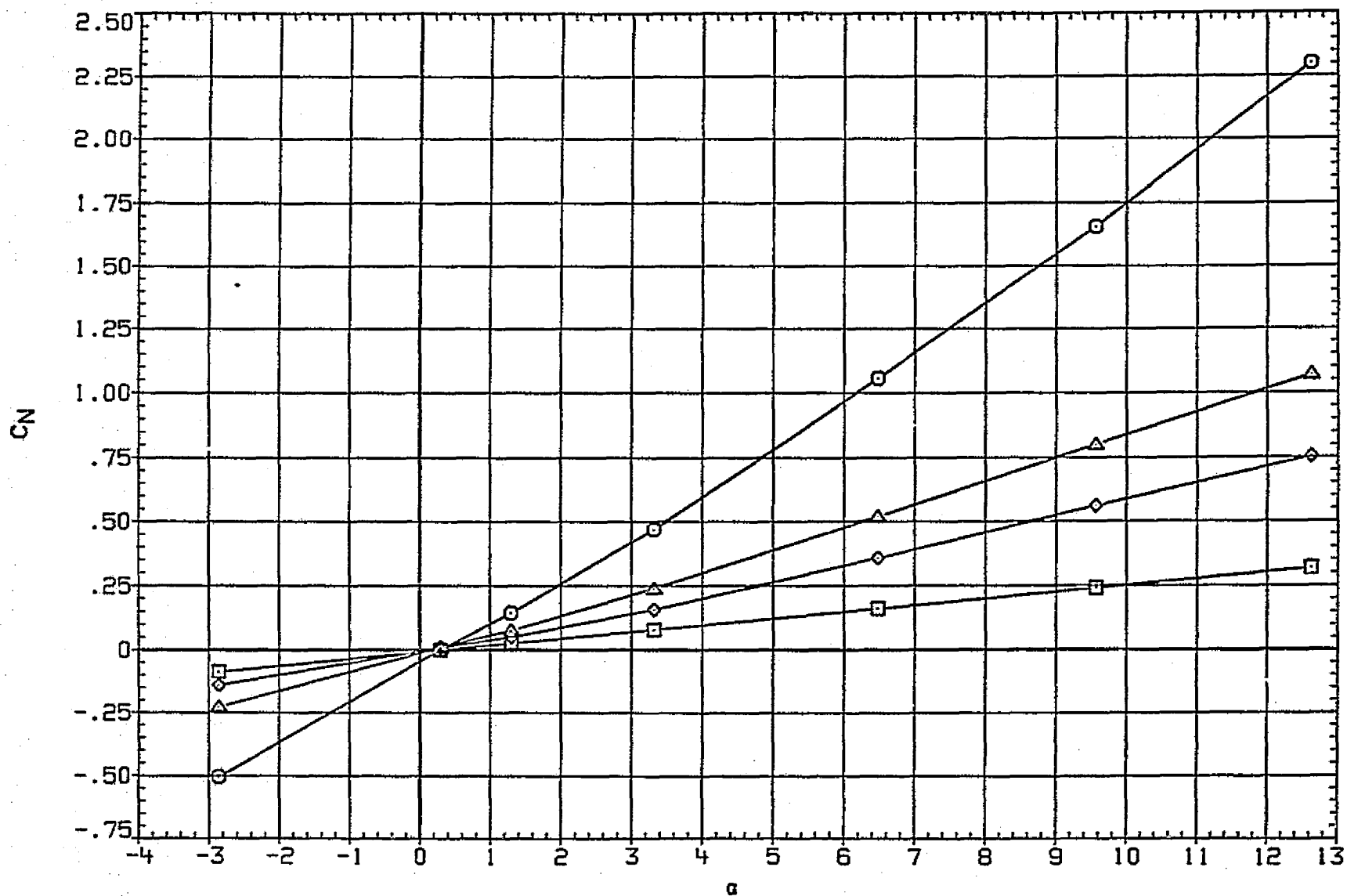


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ226)

CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.995	BETA	.000
□	CNC	D1	.000	D3	.000
◇	CNT	D2	.000	D4	.000
△	CNB	D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

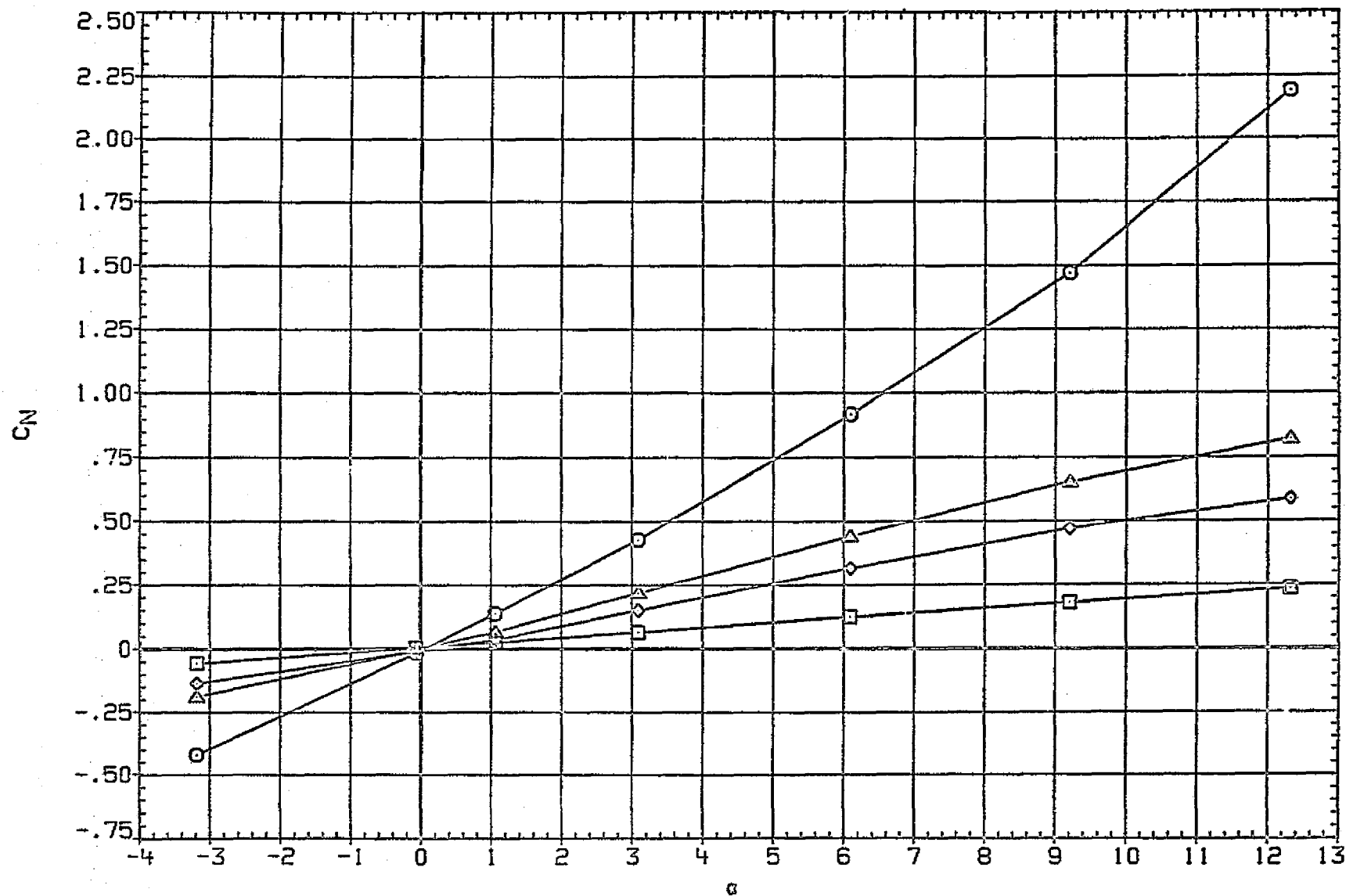


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ226) CONFIGURATION 13 (BN104T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.501 BETA .000
□	CNC	D1 .000 D3 .000
◇	CMT	D2 .000 D4 .000
△	CM3	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

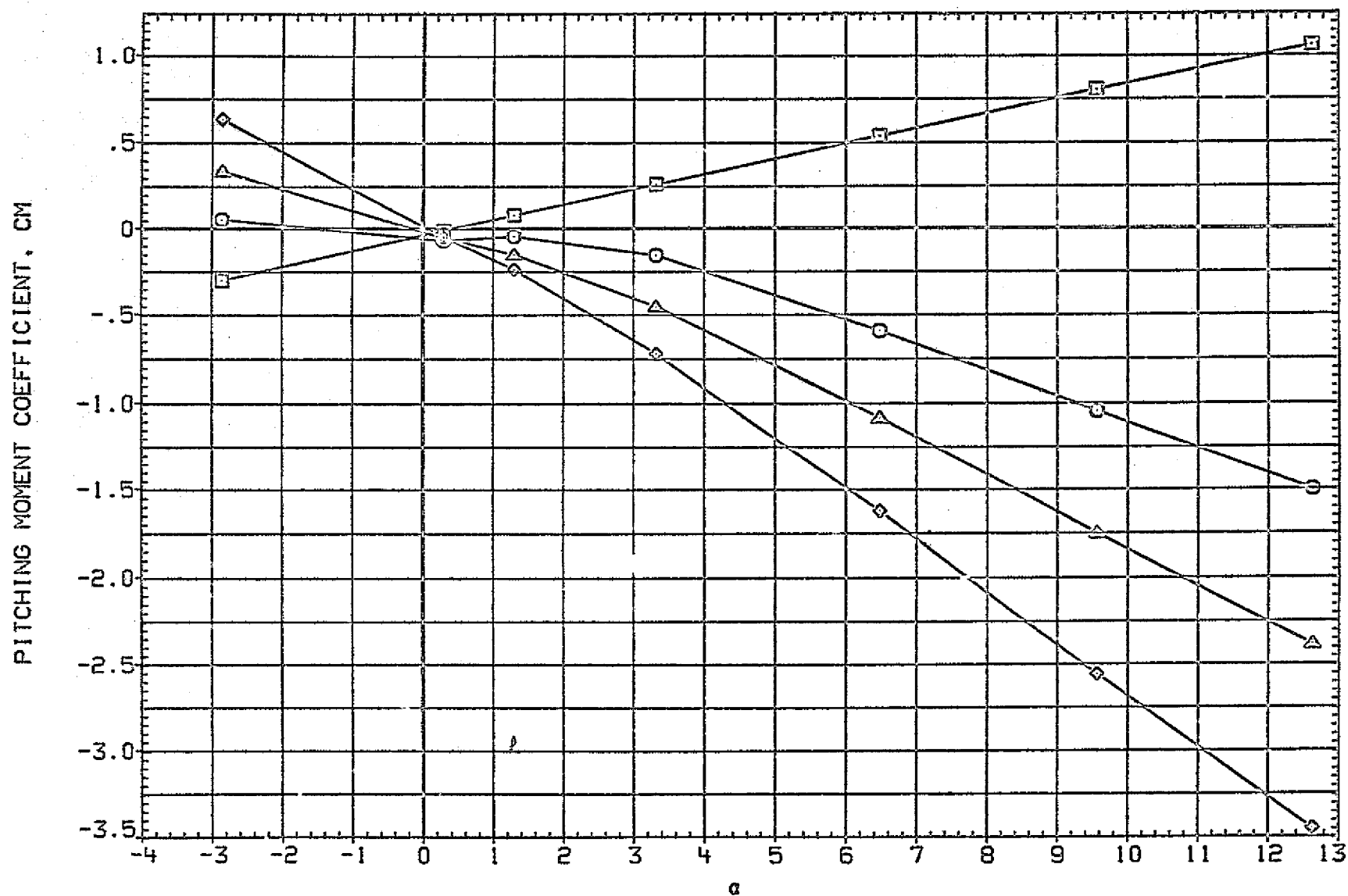


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ226) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	MACH	1.995	BETA	.000
○	CM	D1	.000	D3	.000
◇	CMC	D2	.000	D4	.000
□	CMT	D1-3	.000	D2-4	.000
△	CM3	PHI-C	.000	PHI-T	.000

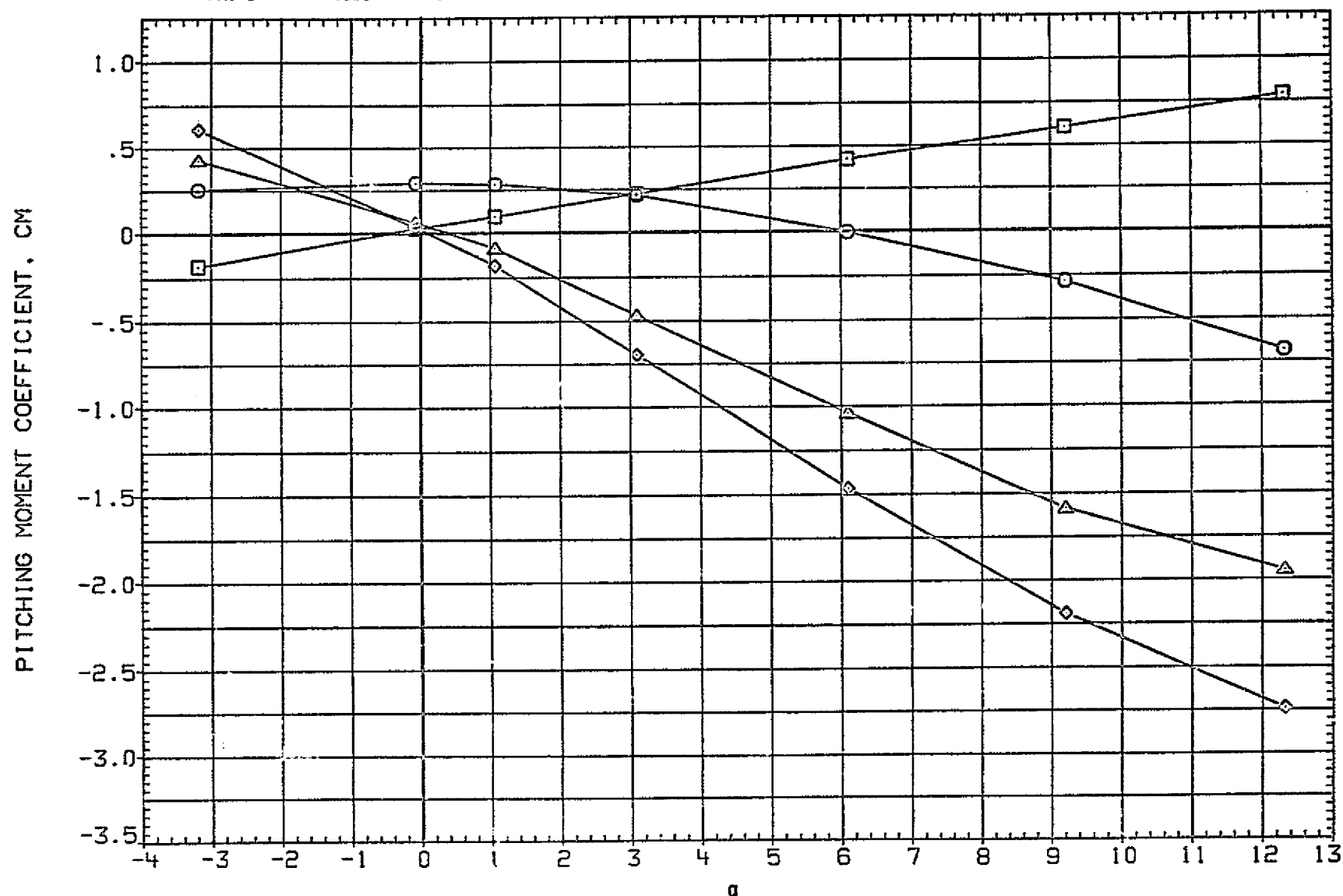


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ226) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CA	MACH	1.501	BETA	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

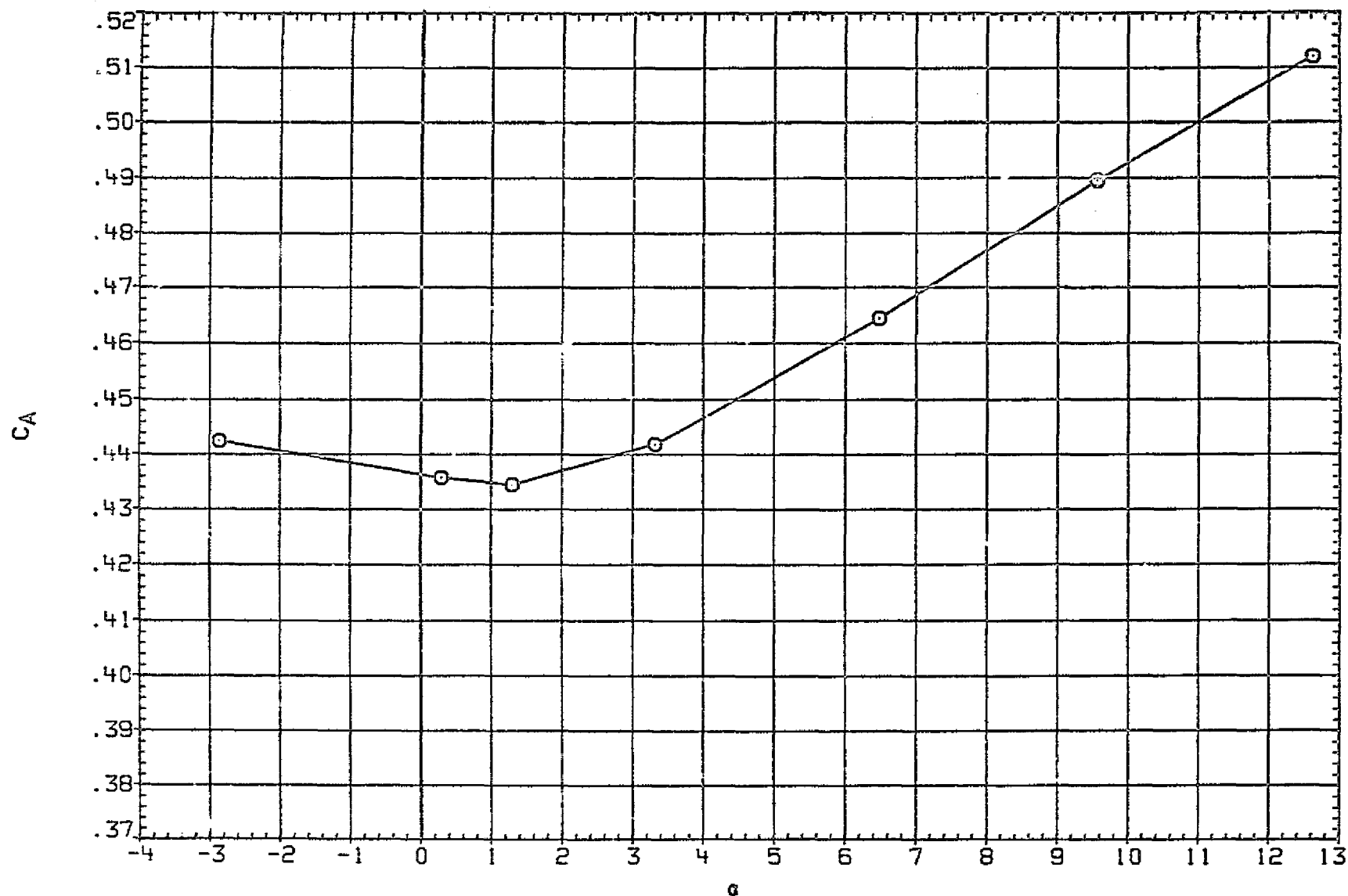


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ226) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.995	BETA	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

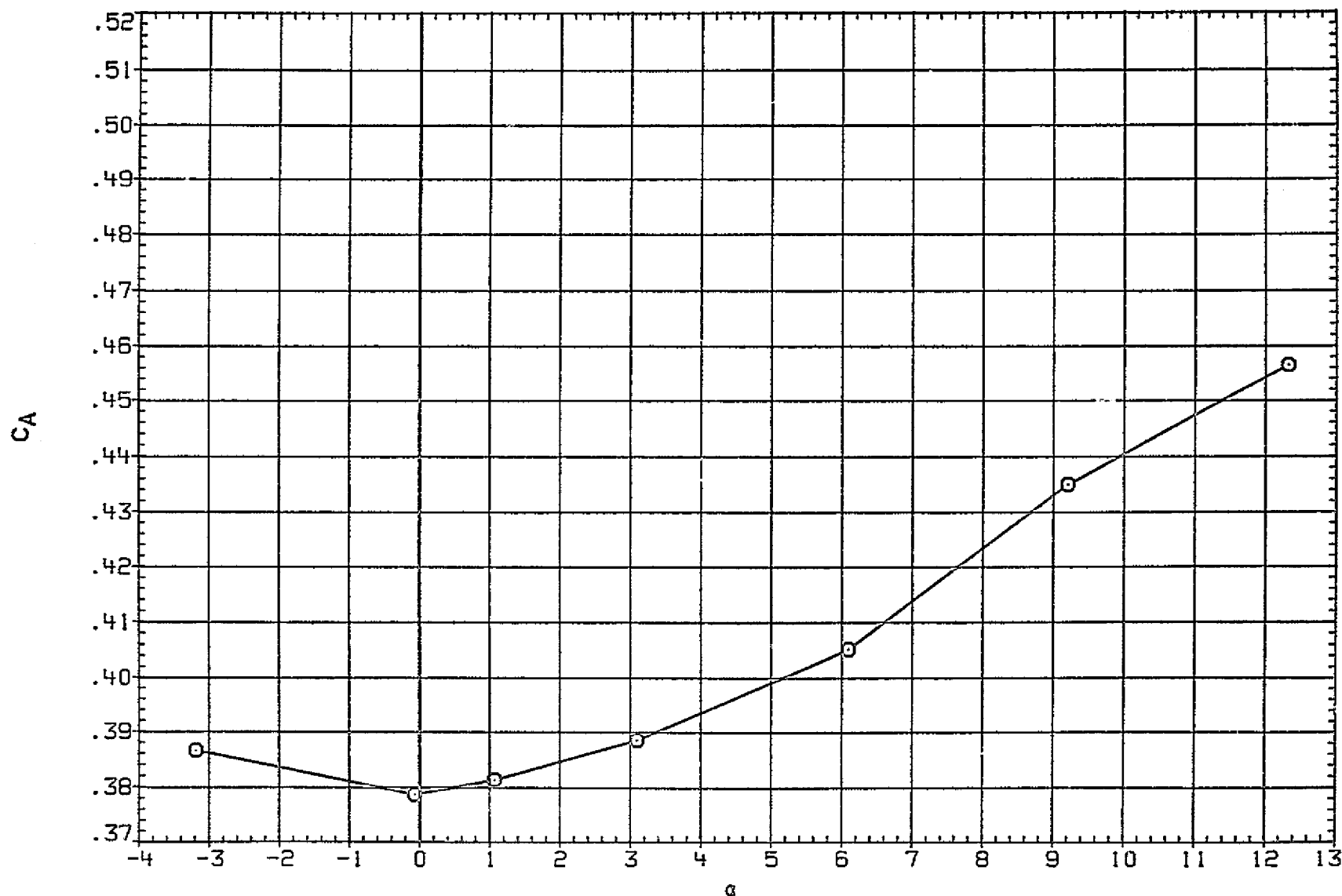


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ226)

CONFIGURATION 13 (BNIC4T1)

SYMBOL

DATA

PARAMETRIC VALUES

○	CY	MACH	1.501	BETA	.000
□	CYC	D1	.000	D3	.000
◇	CYT	D2	.000	D4	.000
△	CYB	D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

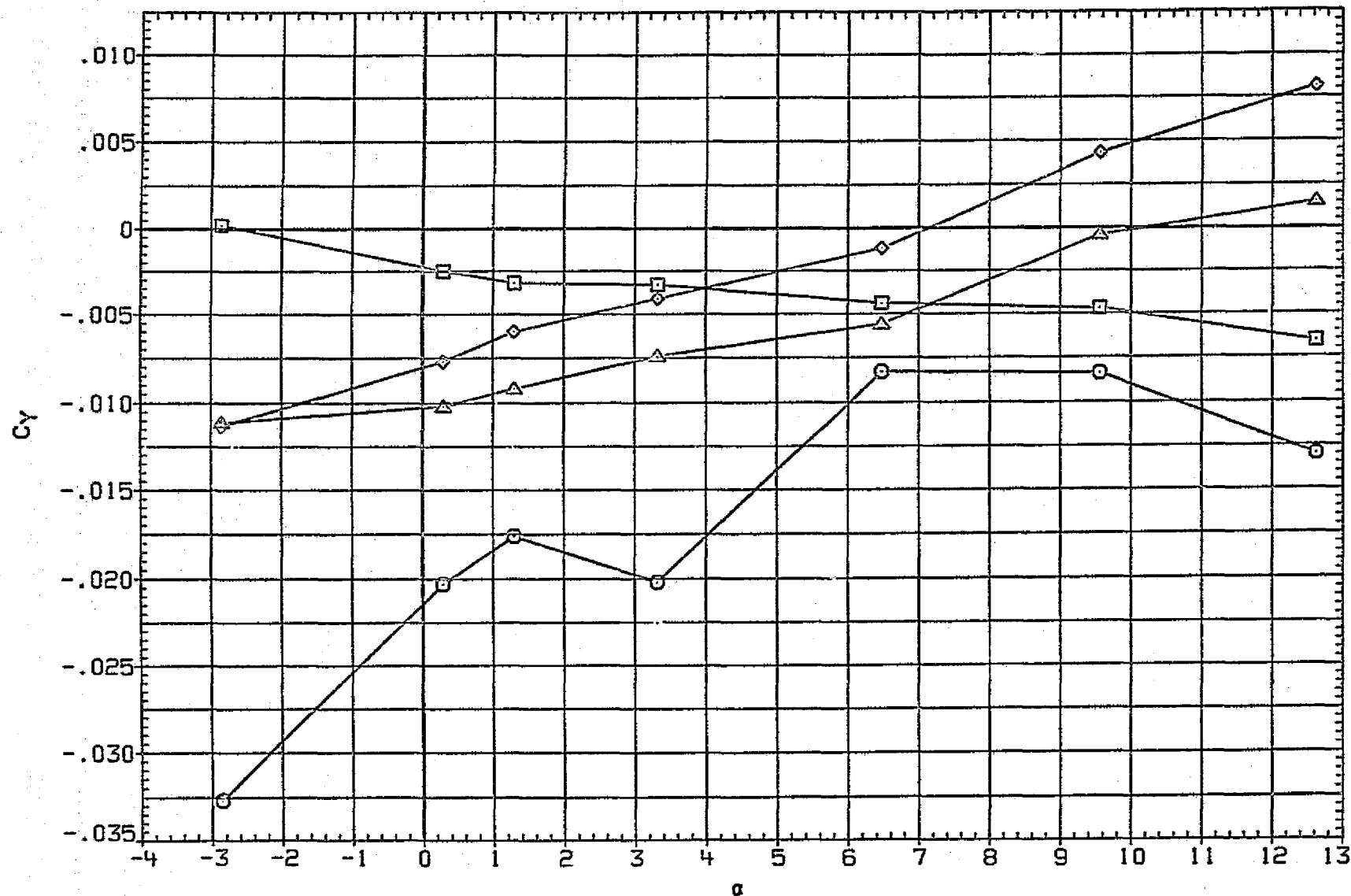


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ226)

CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
◇	CYC	D1 .000 D3 .000
□	CYT	D2 .000 D4 .000
△	CYB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

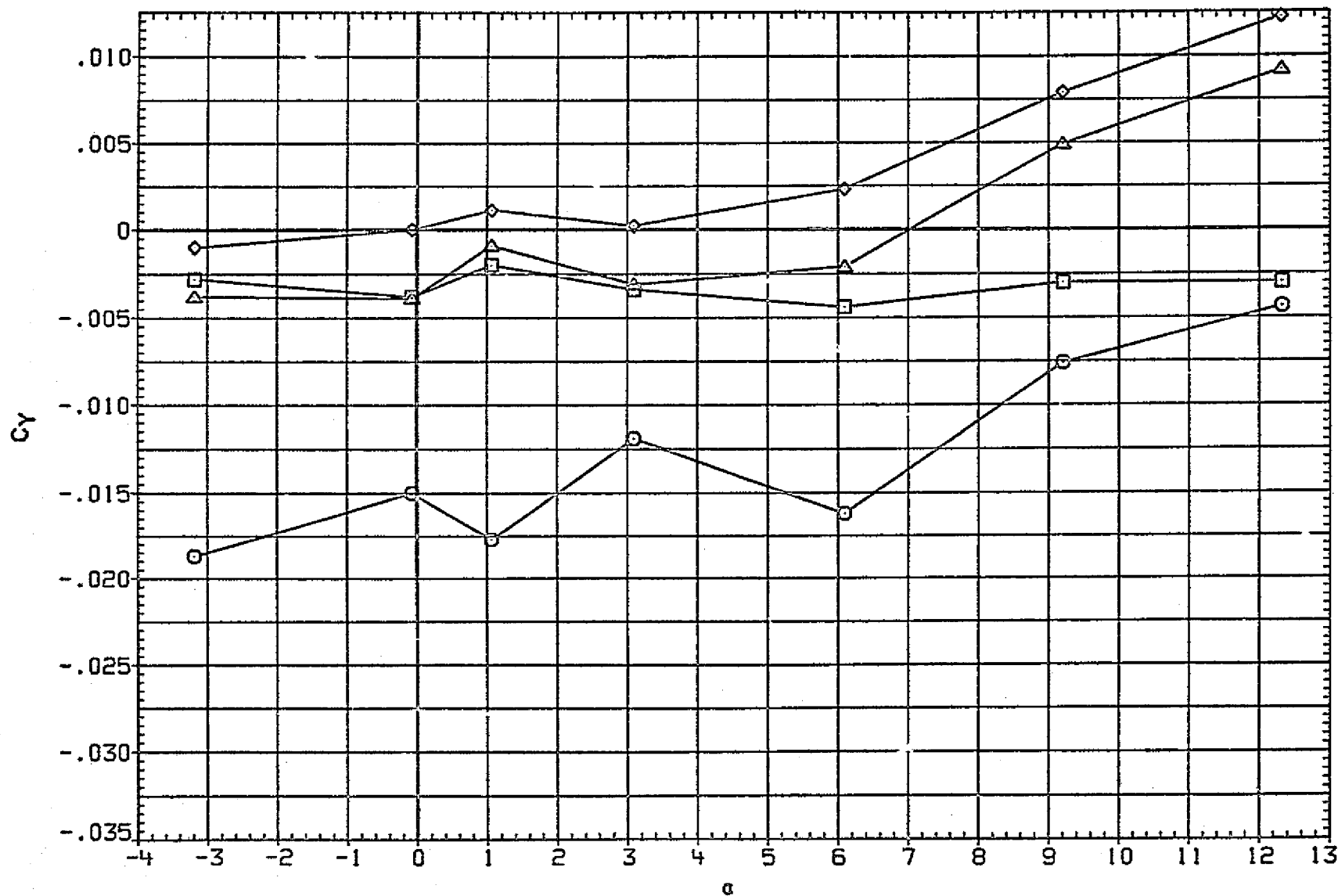


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ226) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.501
□	CYMC	D1 .000
◇	CYMT	D2 .000
△	CYMB	D1-3 .000
		D2-4 .000
		PHI-C .000
		PHI-T .000

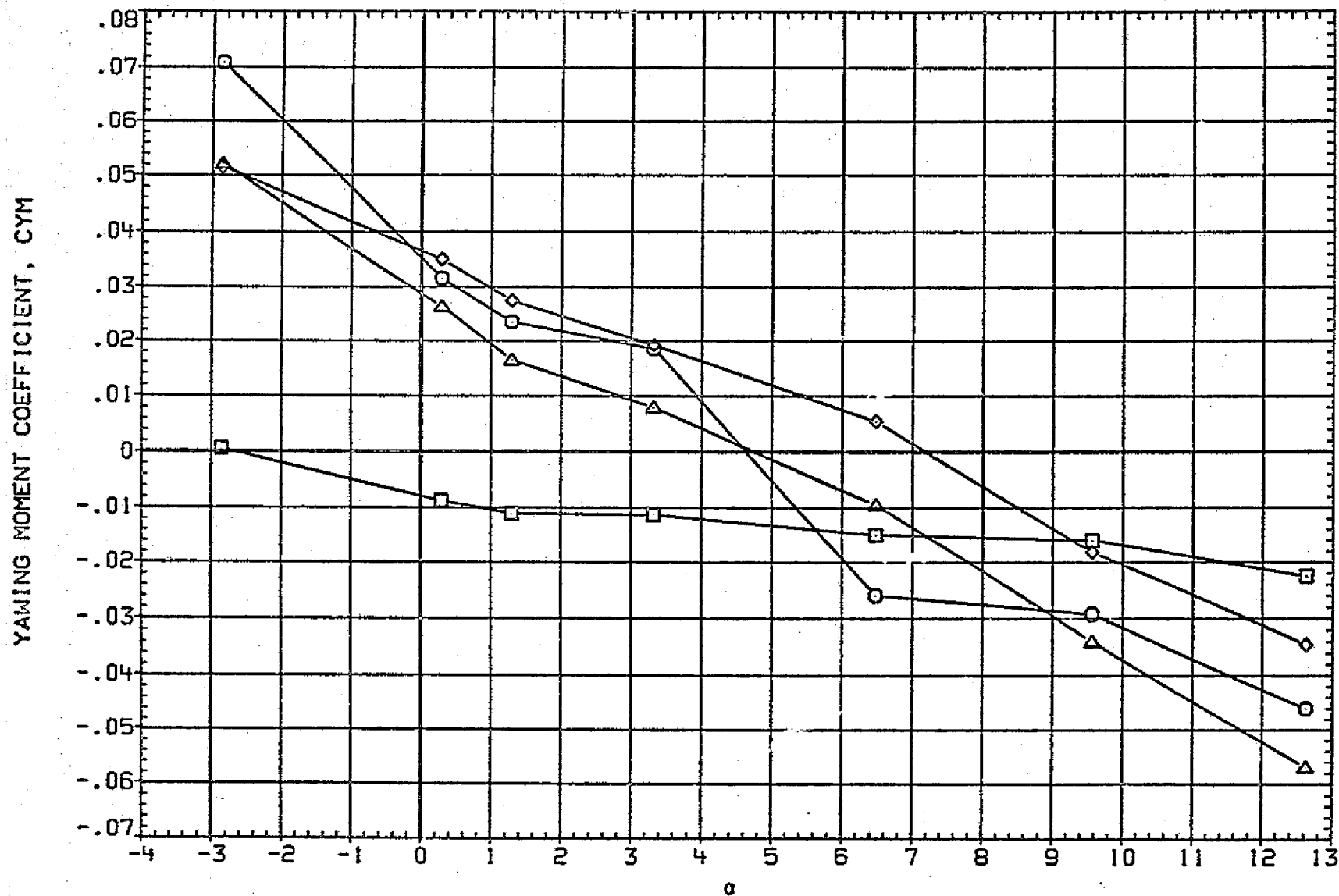


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ226) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYH	MACH 1.995 BETA .000
□	CYHC	D1 .000 D3 .000
◇	CYHT	D2 .000 D4 .000
△	CYMB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

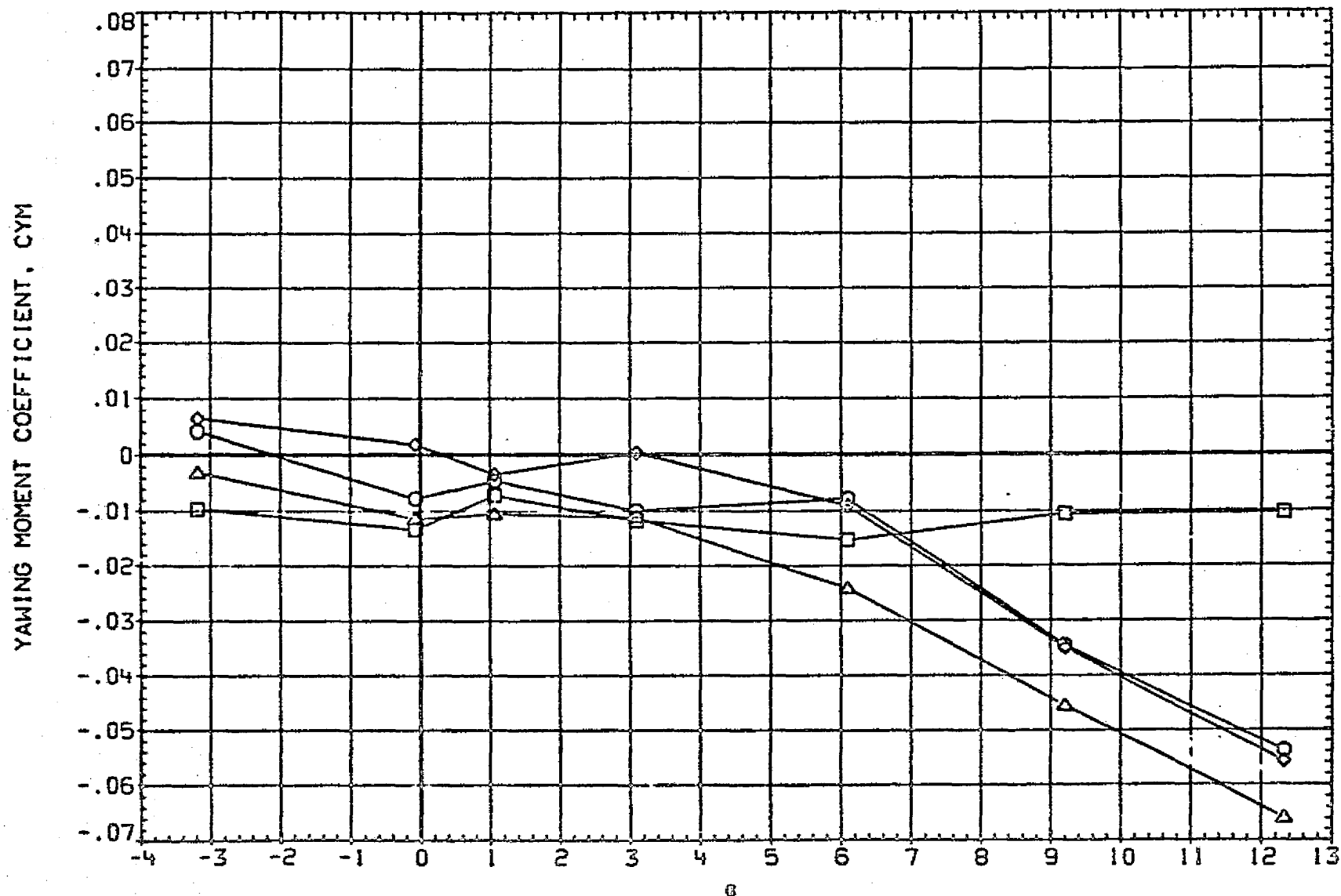


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ226) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.501 BETA .000
□	CRMC	D1 .000 D3 .000
◇	CRMT	D2 .000 D4 .000
△	CRMB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

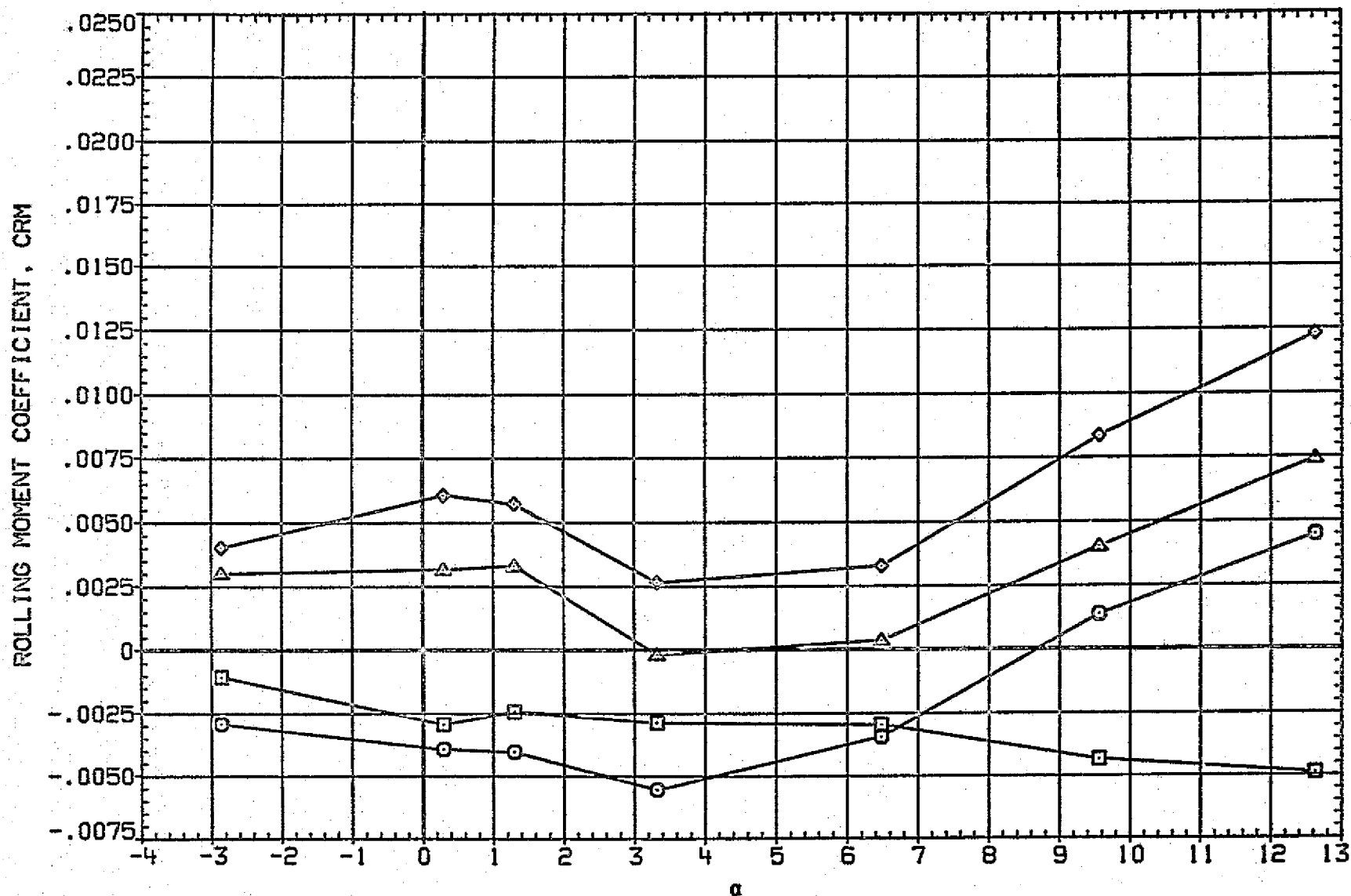


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ226) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CRM	MACH	1.995	BETA	.000
◇	CRM	D1	.000	D3	.000
□	CRM	D2	.000	D4	.000
△	CRM	D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

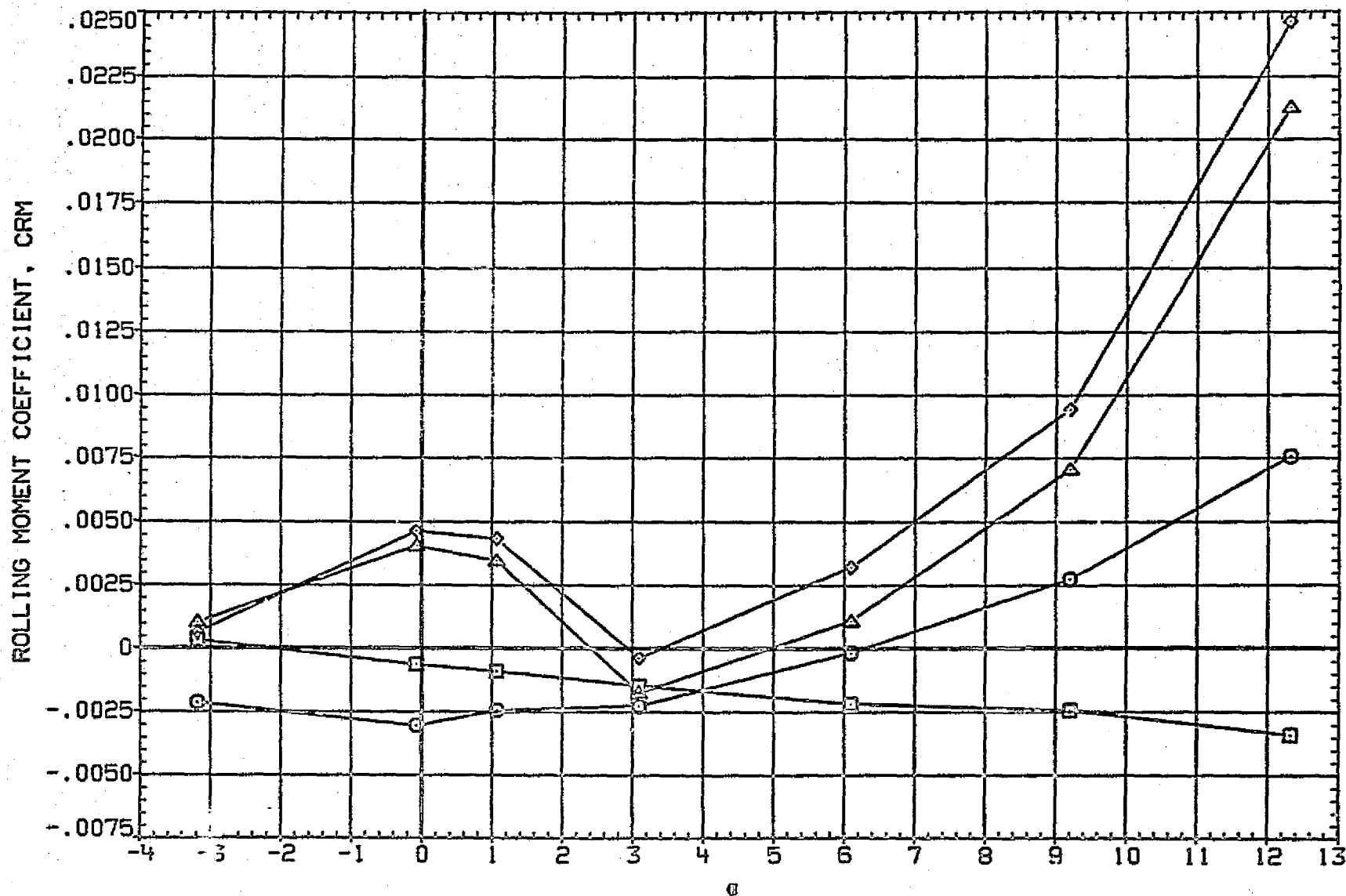


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ227) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.500 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 1.000 D4 1.000
△	CNS	D1-S .000 D2-S 1.000
		PHI-C .000 PHI-T .000

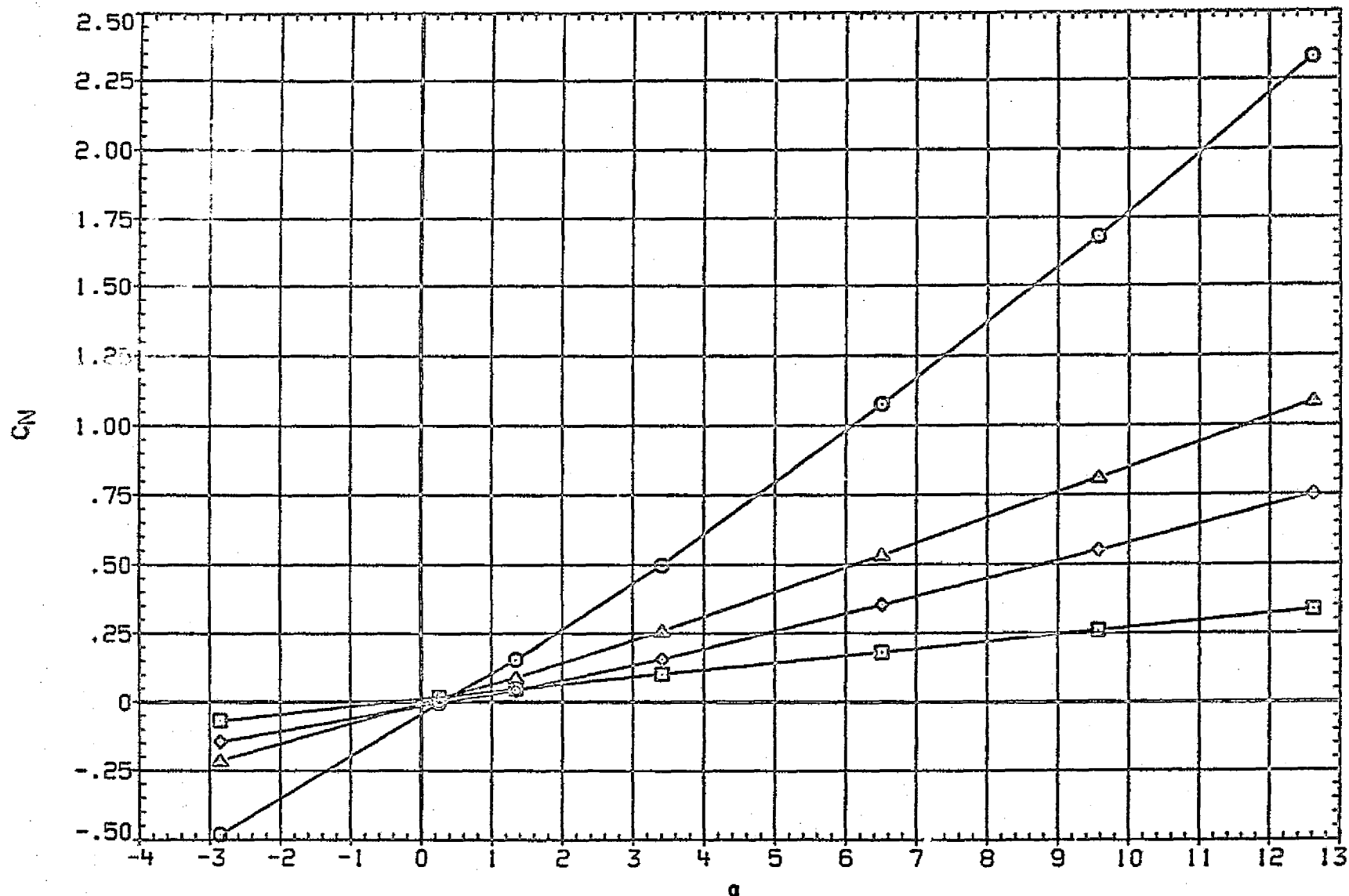


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ227) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.990 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 1.000 D4 1.000
△	CNS	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

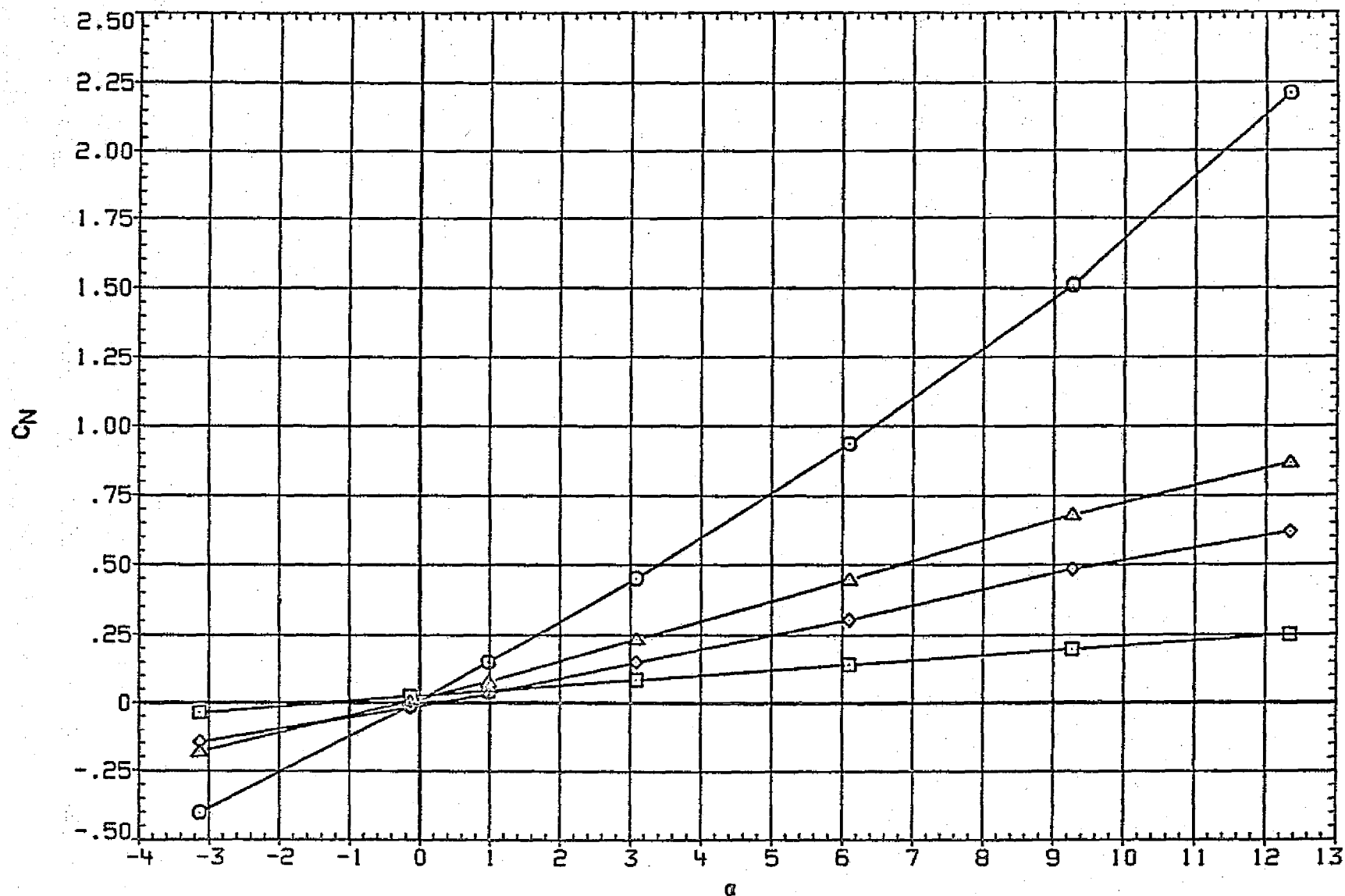


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ227) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.500	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CHT	D2	1.000	D4	1.000
△	CM3	D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

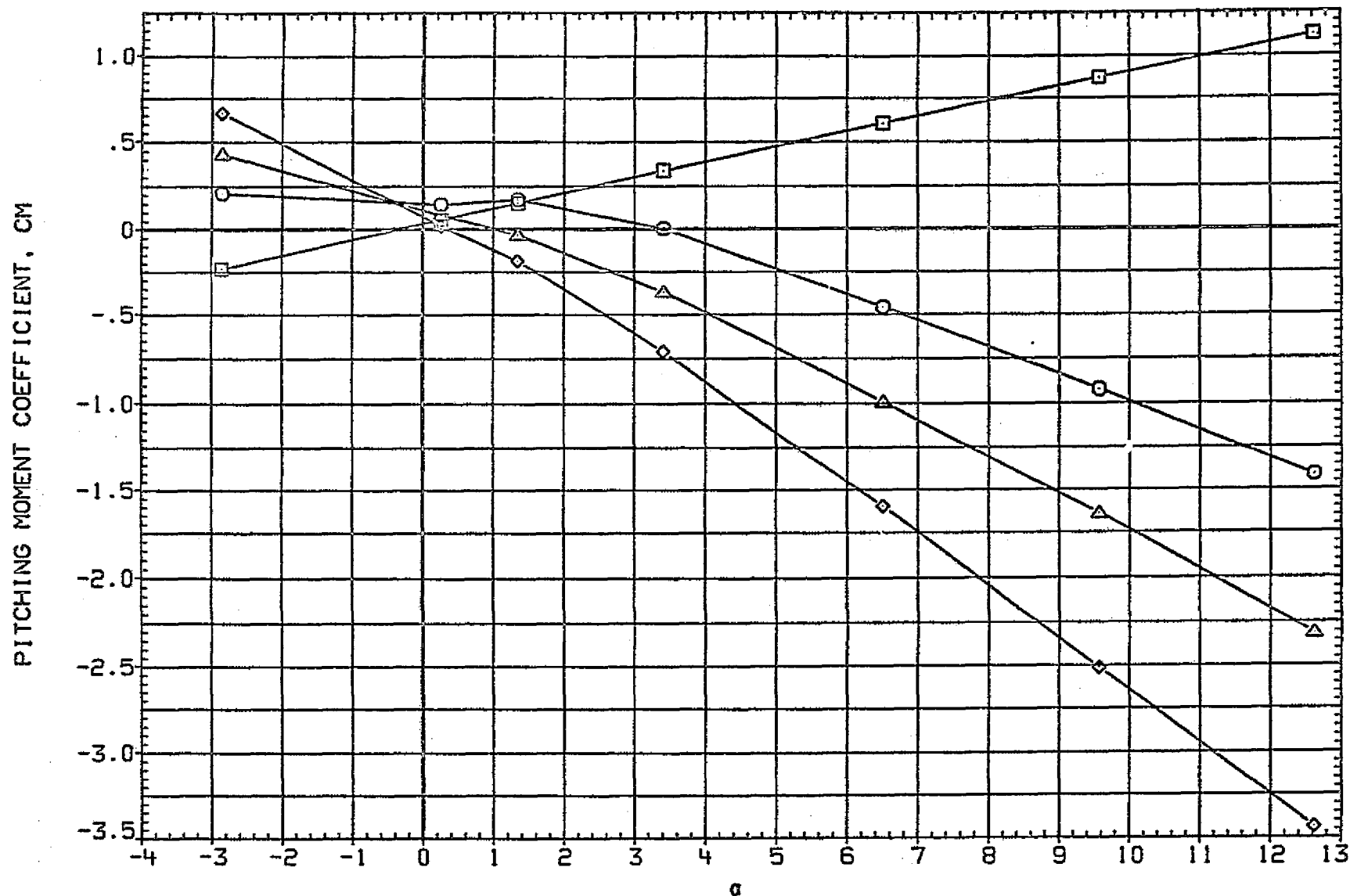


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ227) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.990	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CMT	D2	1.000	D4	1.000
△	CMB	D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

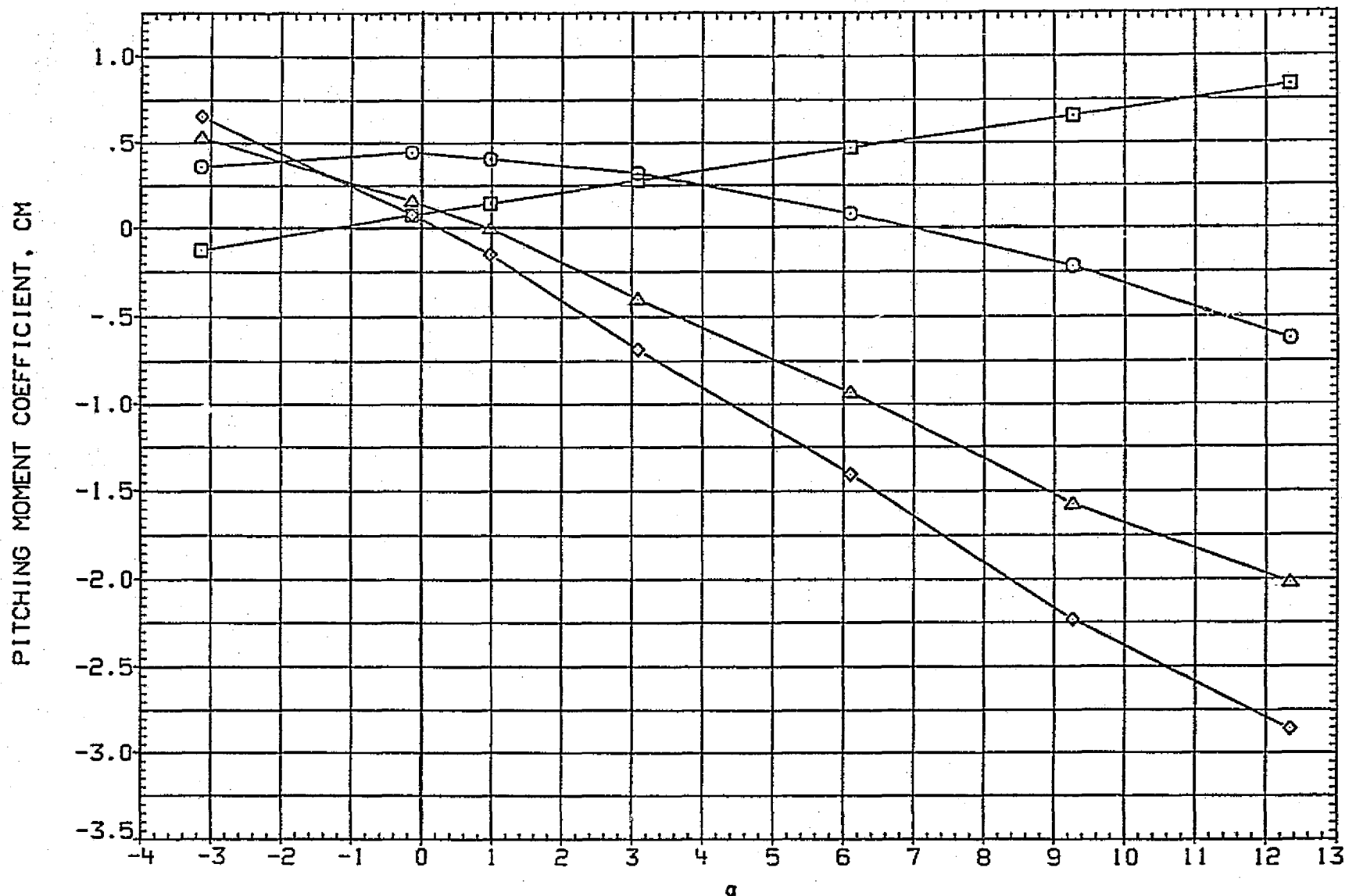


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ227) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.500	BETA	.000
		D1	.000	D3	.000
		D2	1.000	D4	1.000
		D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

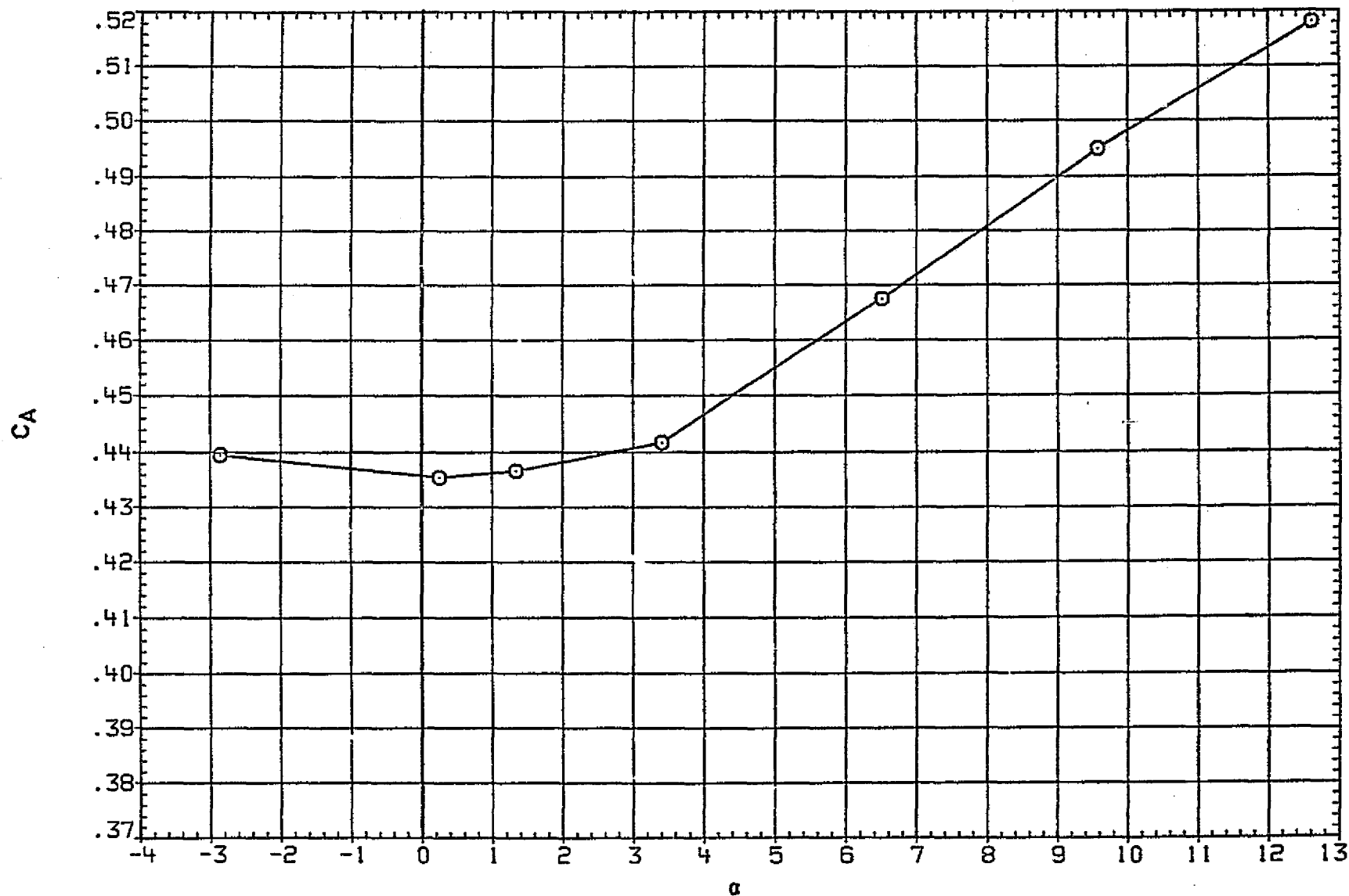


FIG. 8 BODY-CANARD-TAIL CHAR.. MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ227) CONFIGURATION 13 (BNIC4T1)

SYNSOL	DATA	PARAMETRIC VALUES			
0	CA	MACH	1.990	BETA	.000
		D1	.000	D3	.000
		D2	1.000	D4	1.000
		D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

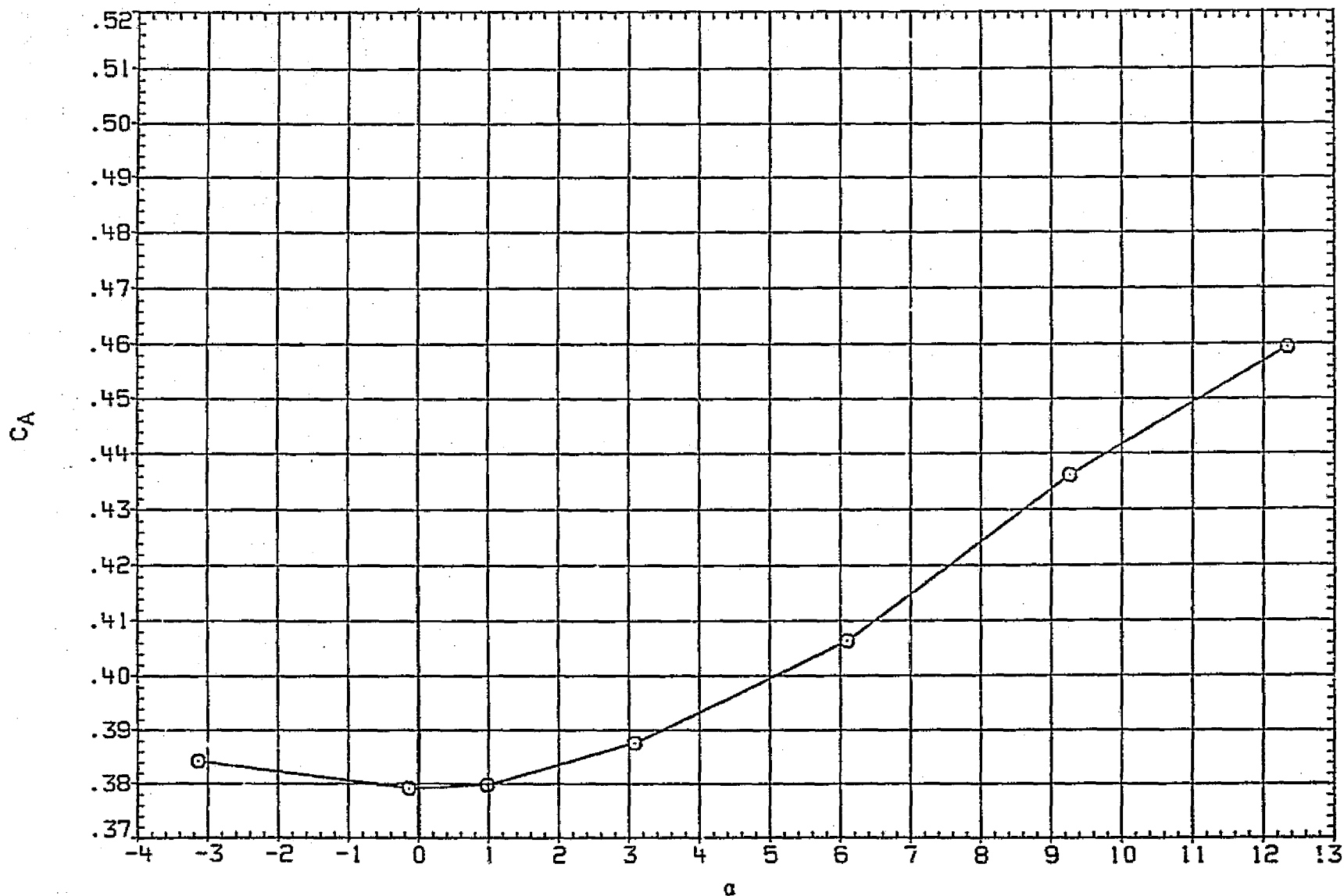


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ227) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.500 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 1.000 D4 1.000
△	CYB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

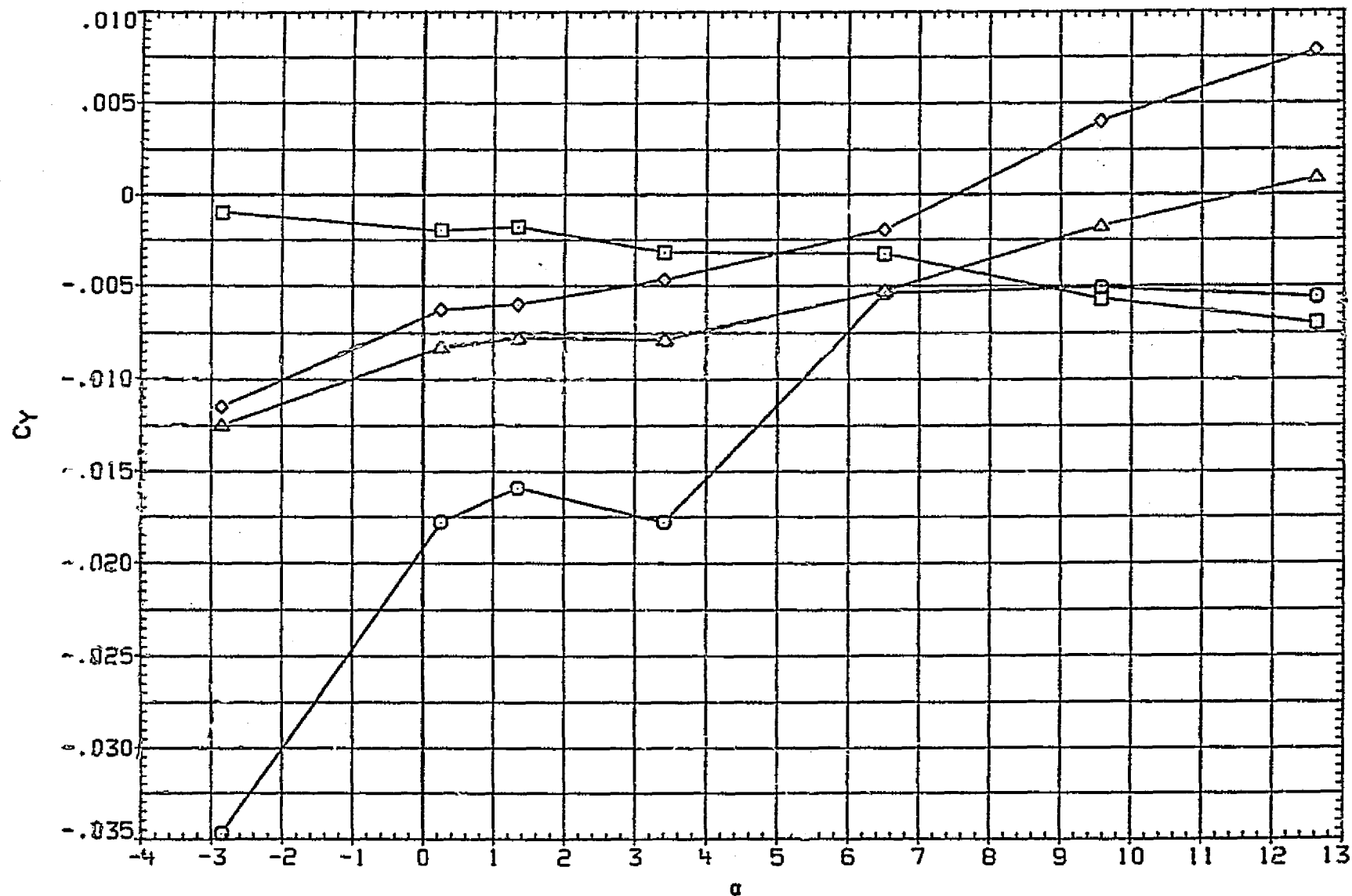


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ227) CONFIGURATION 13 (BNIC471)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.990 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 1.000 D4 1.000
△	CYB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

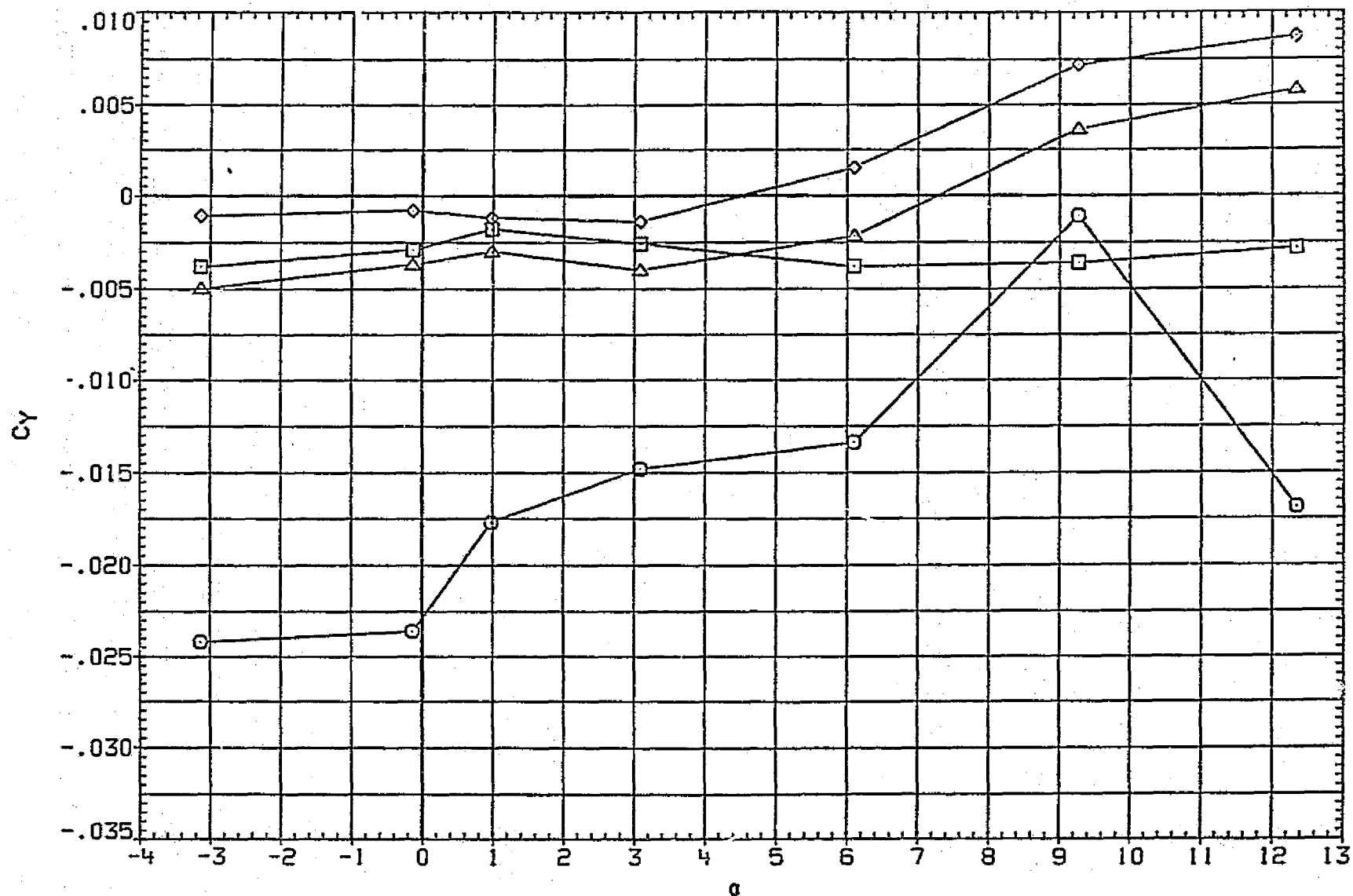


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ227) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.500 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 1.000 D4 1.000
△	CYMS	D1-3 .000 D2-4 1.000
	PHI-C	.000 PHI-T .000

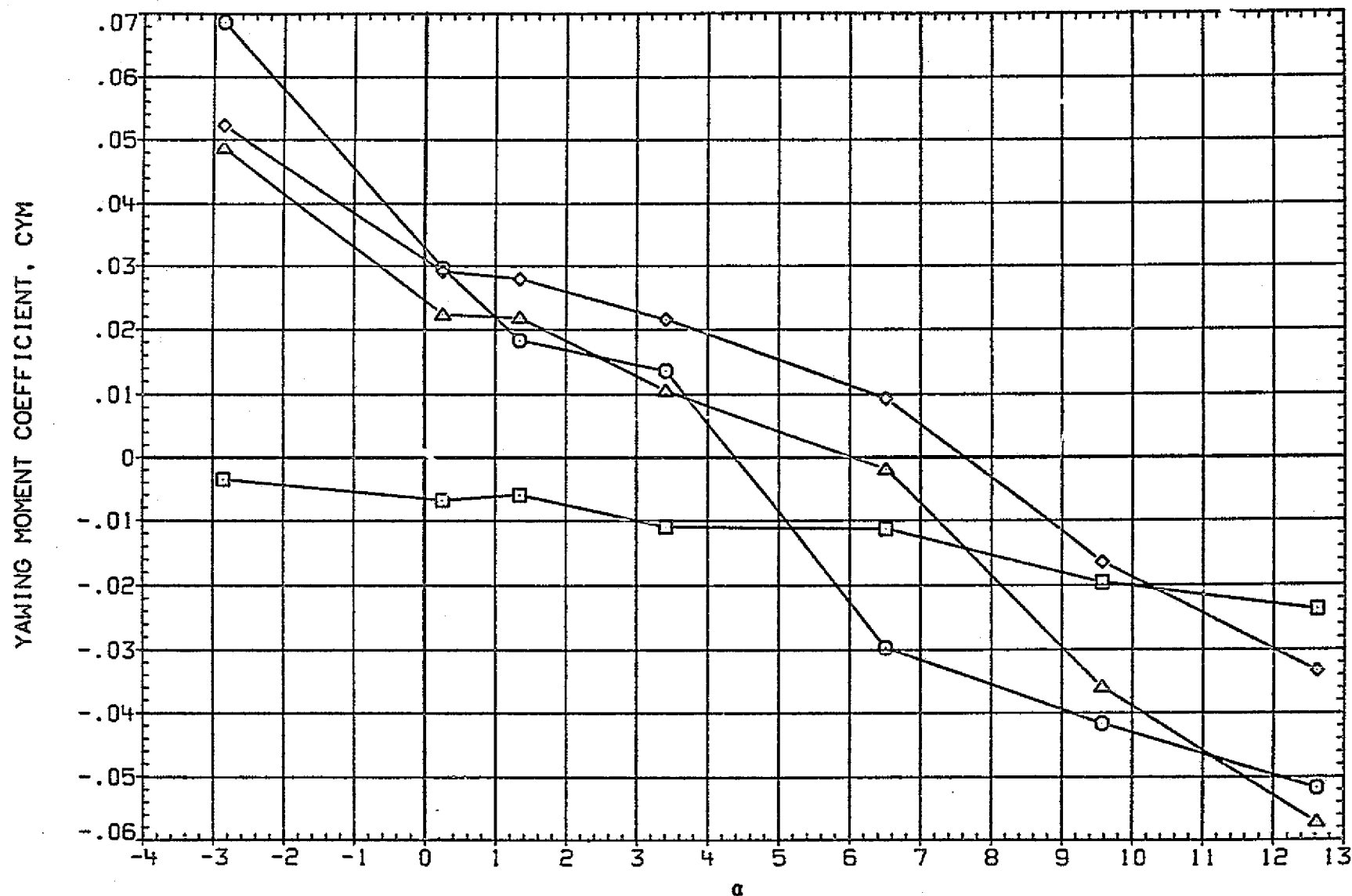


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ227) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
○	CYM	D1	1.930	.000
□	CYMC	D2	.000	.000
◇	CYMT	D1-3	1.000	.000
△	CYMB	PHI-C	.000	1.000
			D2-4	.000
			PHI-T	.000

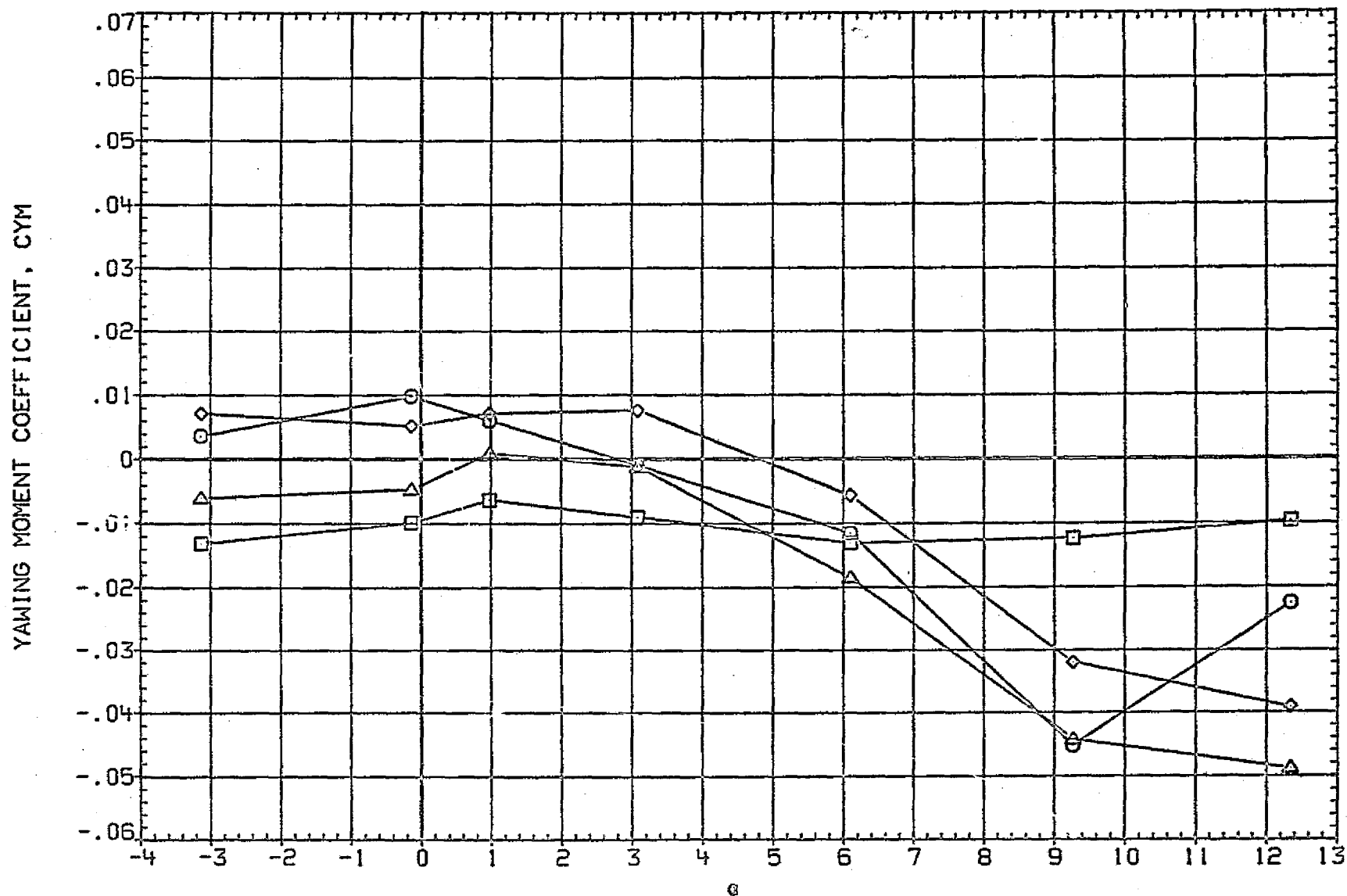


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ227) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
◇	CRM	MACH	1.500	BETA	.000
◇	CRM	01	.000	03	.000
◇	CRM	02	1.000	04	1.000
△	CRM	01-3	.000	02-4	1.000
△	CRM	PHI-C	.000	PHI-T	.000

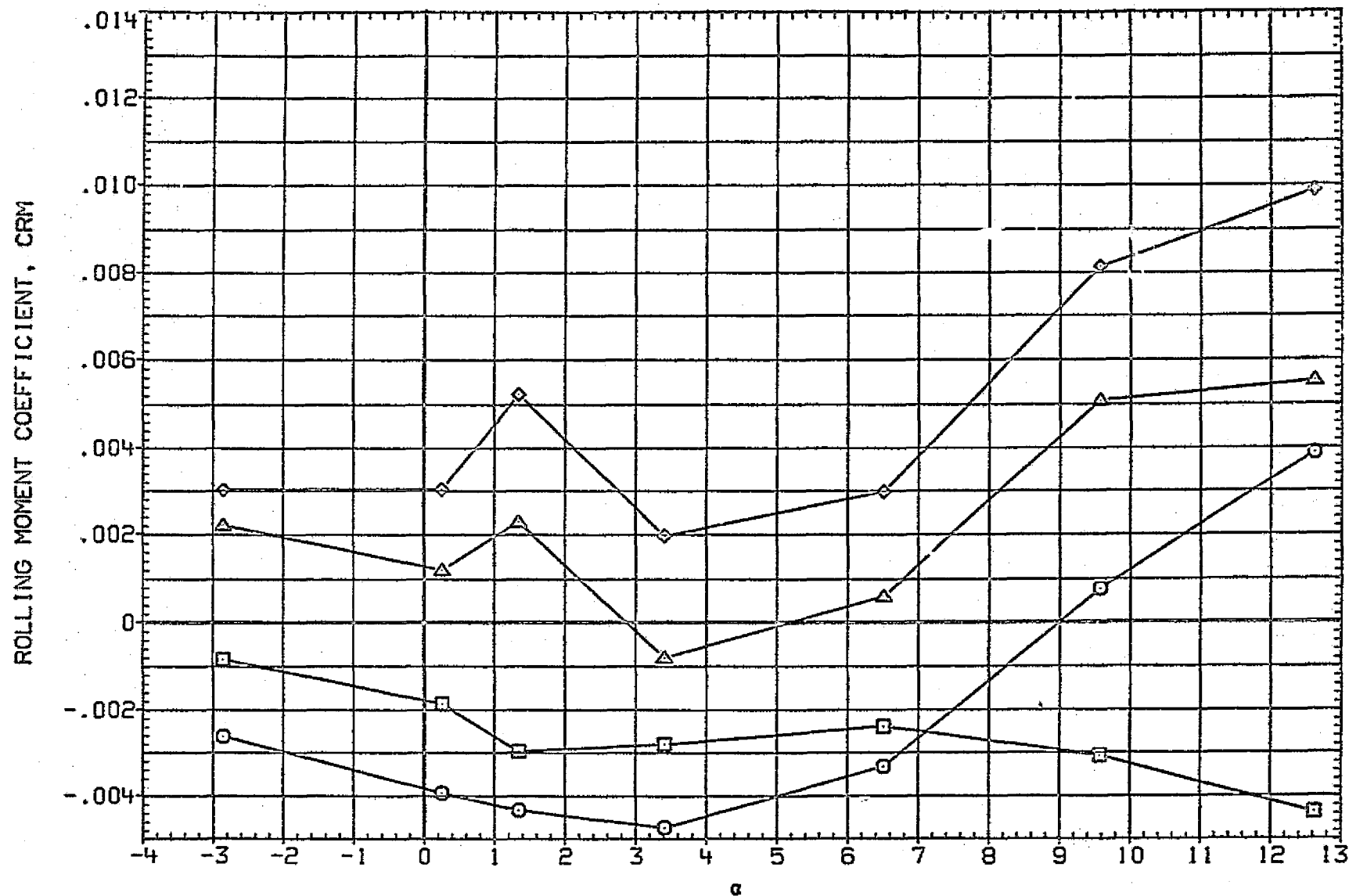


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ227) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CRM	1.890	BETA .000
□	CRM	.000	D1 .000
◇	CRM	1.000	D2 .000
△	CRM	.000	D1-3 .000
		.000	PHI-C .000
		.000	PHI-T .000

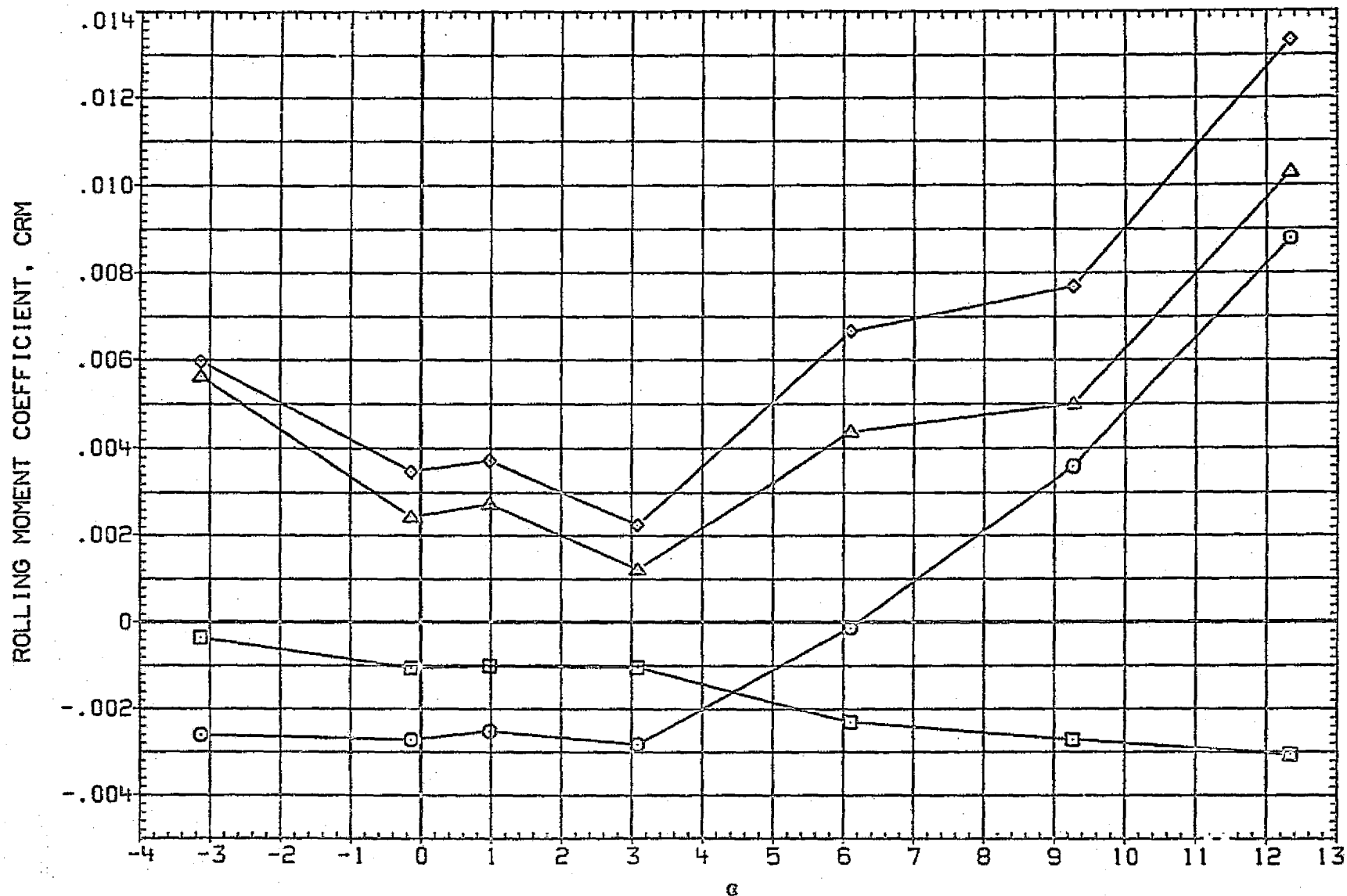


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.498	BETA	.000
□	CNC	D1	.000	D3	.000
◇	CNT	D2	3.000	D4	3.000
△	CNB	D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

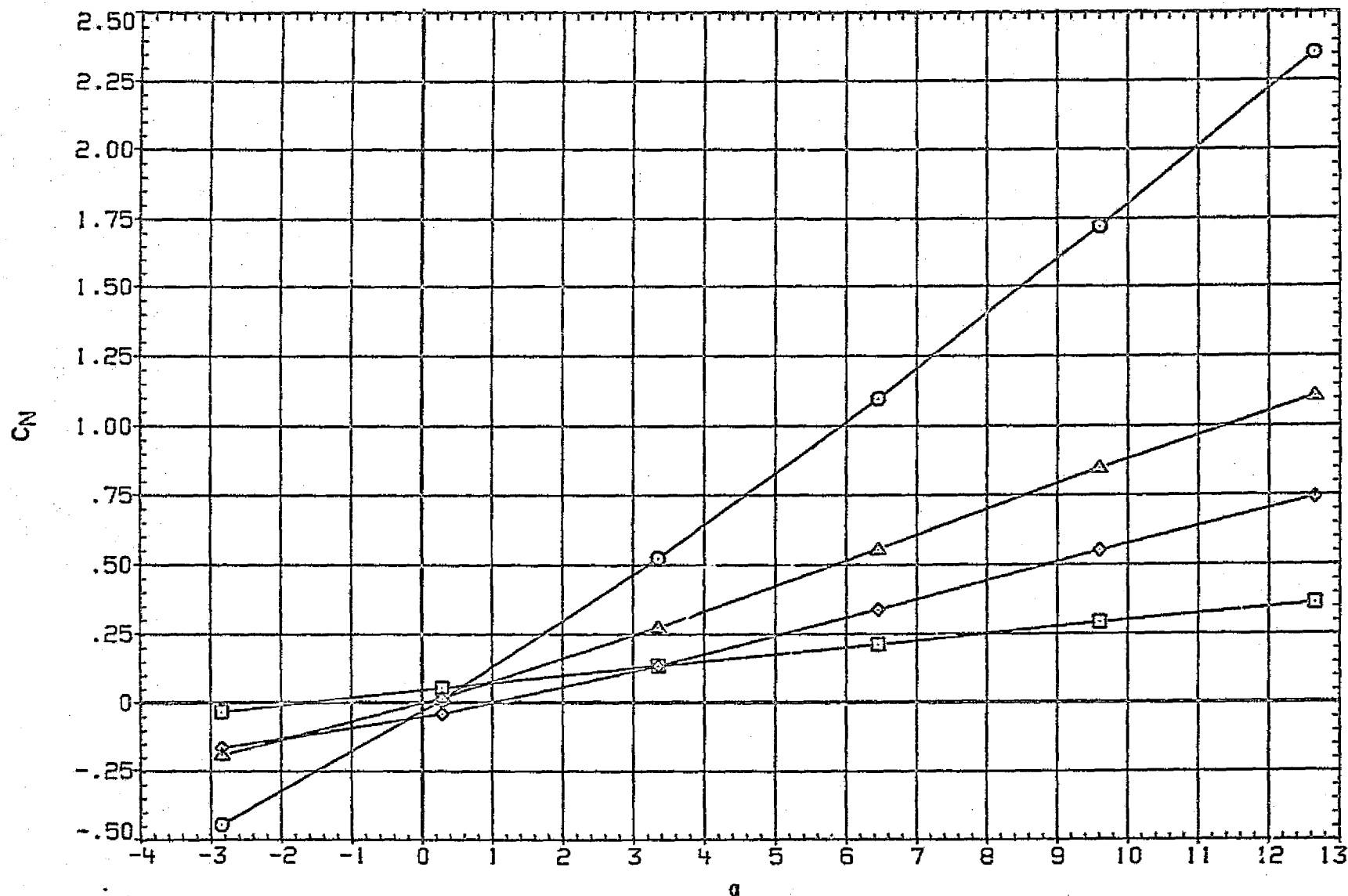


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.998 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 3.000 D4 3.000
△	CN8	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

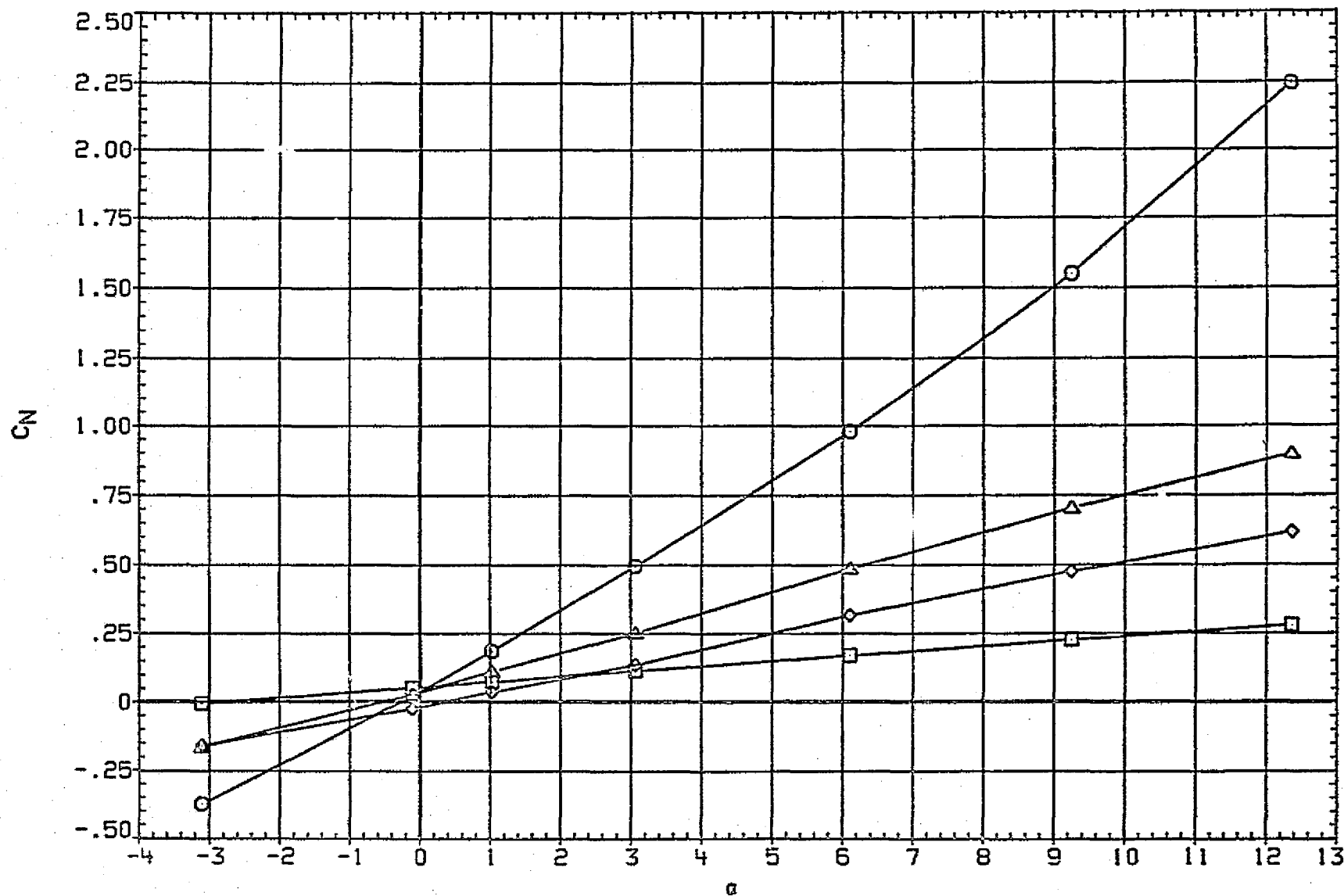


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.499
□	CMC	D1 .000
◇	CMT	D2 3.000
△	CM2	D1-3 .000
		PHI-C .000
		ETA .000
		D3 .000
		D4 3.000
		D2-4 3.000
		PHI-T .000

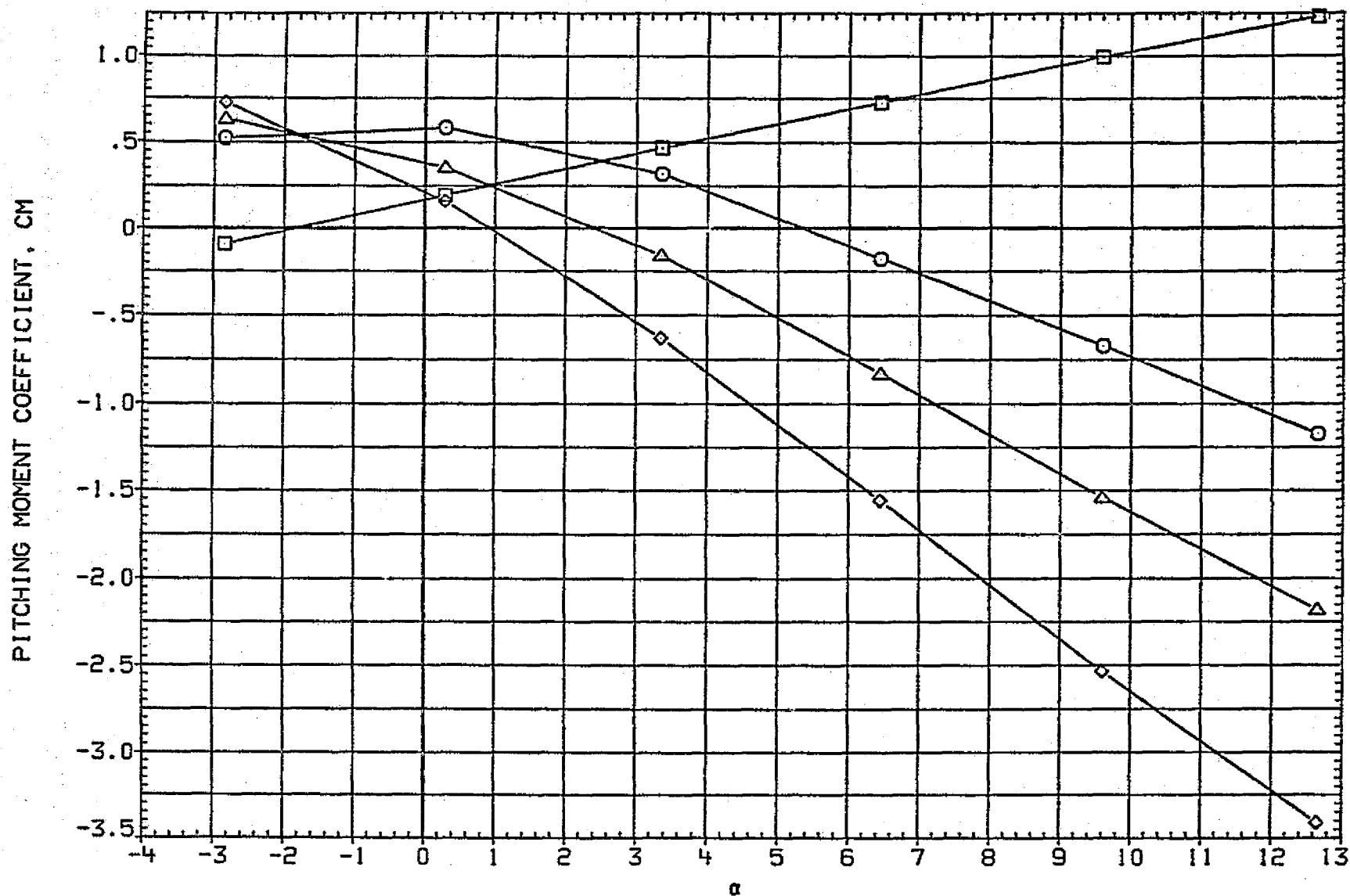


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ228) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.998 BETA .000
□	CMC	D1 .000 D3 .000
◇	CHT	D2 3.000 D4 3.000
△	CM8	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

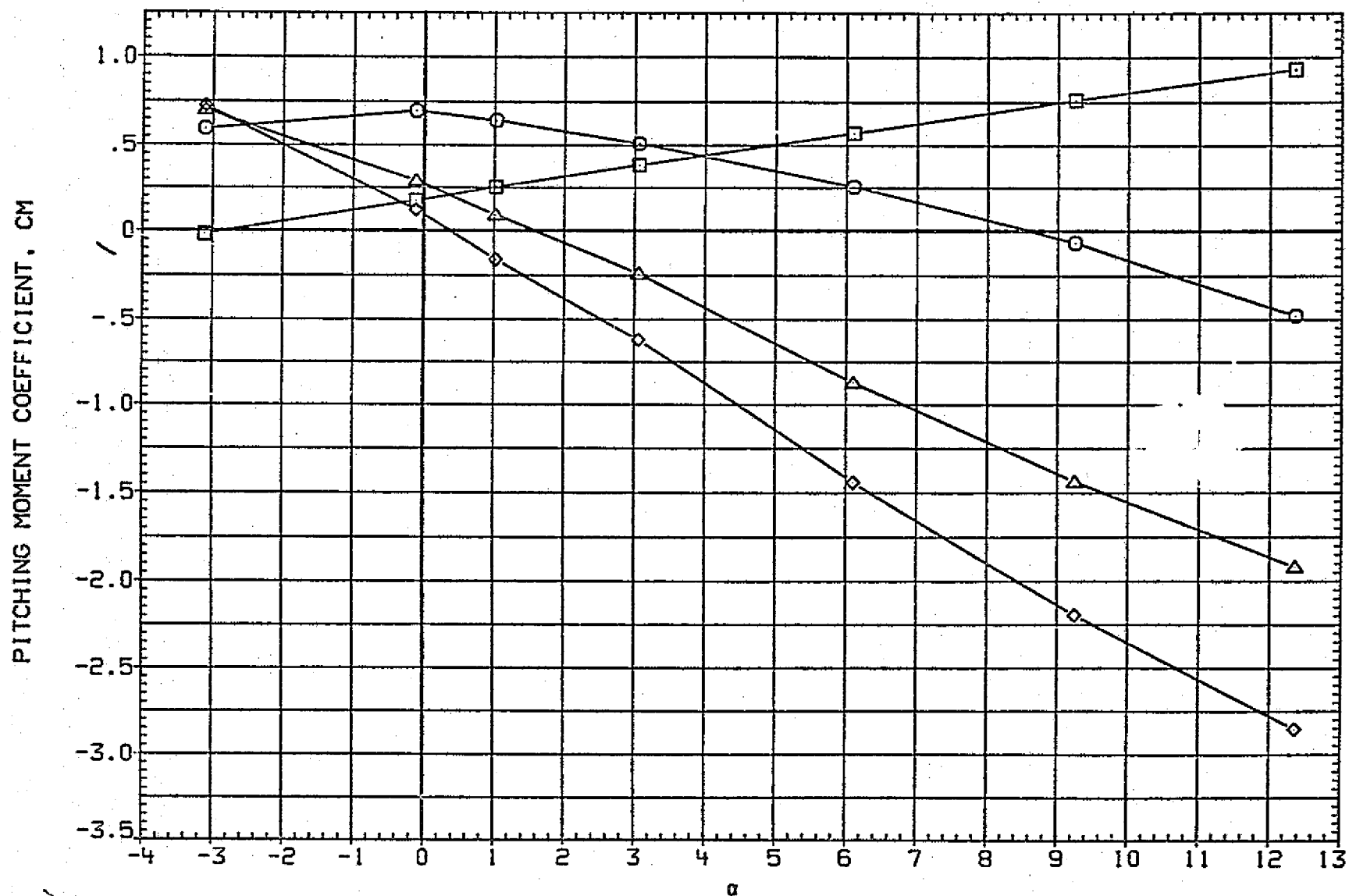


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.498	EETA	.000
		D1	.000	D3	.000
		D2	3.000	D4	3.000
		D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

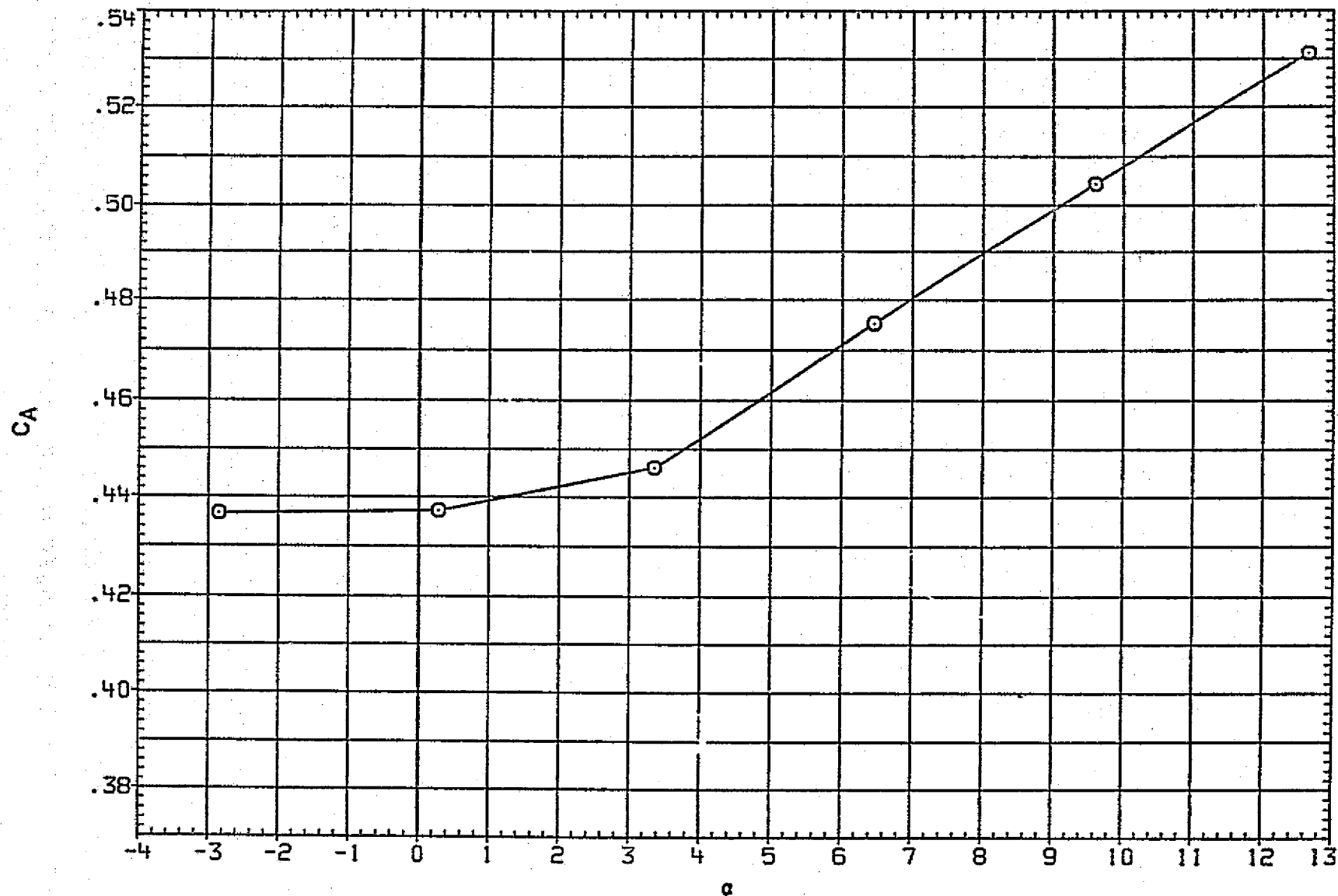


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ228) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.998	BETA	.000
		D1	.000	D3	.000
		D2	3.000	D4	3.000
		D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

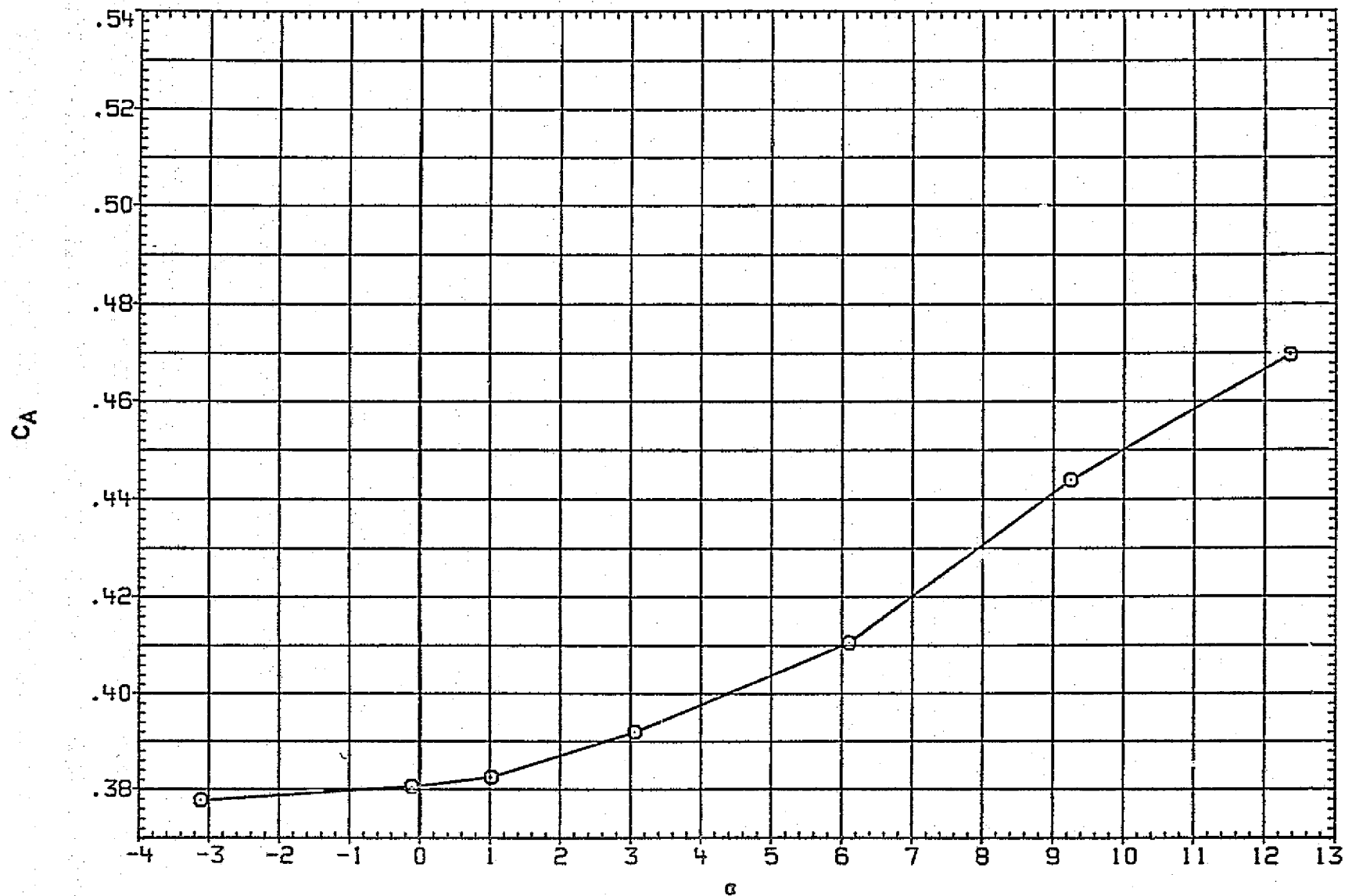


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.498
□	CYC	D1 .000
◇	CYT	D2 3.000
△	CYB	D1-3 .000
		D2-4 3.000
		PHI-C .000
		PHI-T .000
		BETA .000
		D3 .000
		D4 3.000

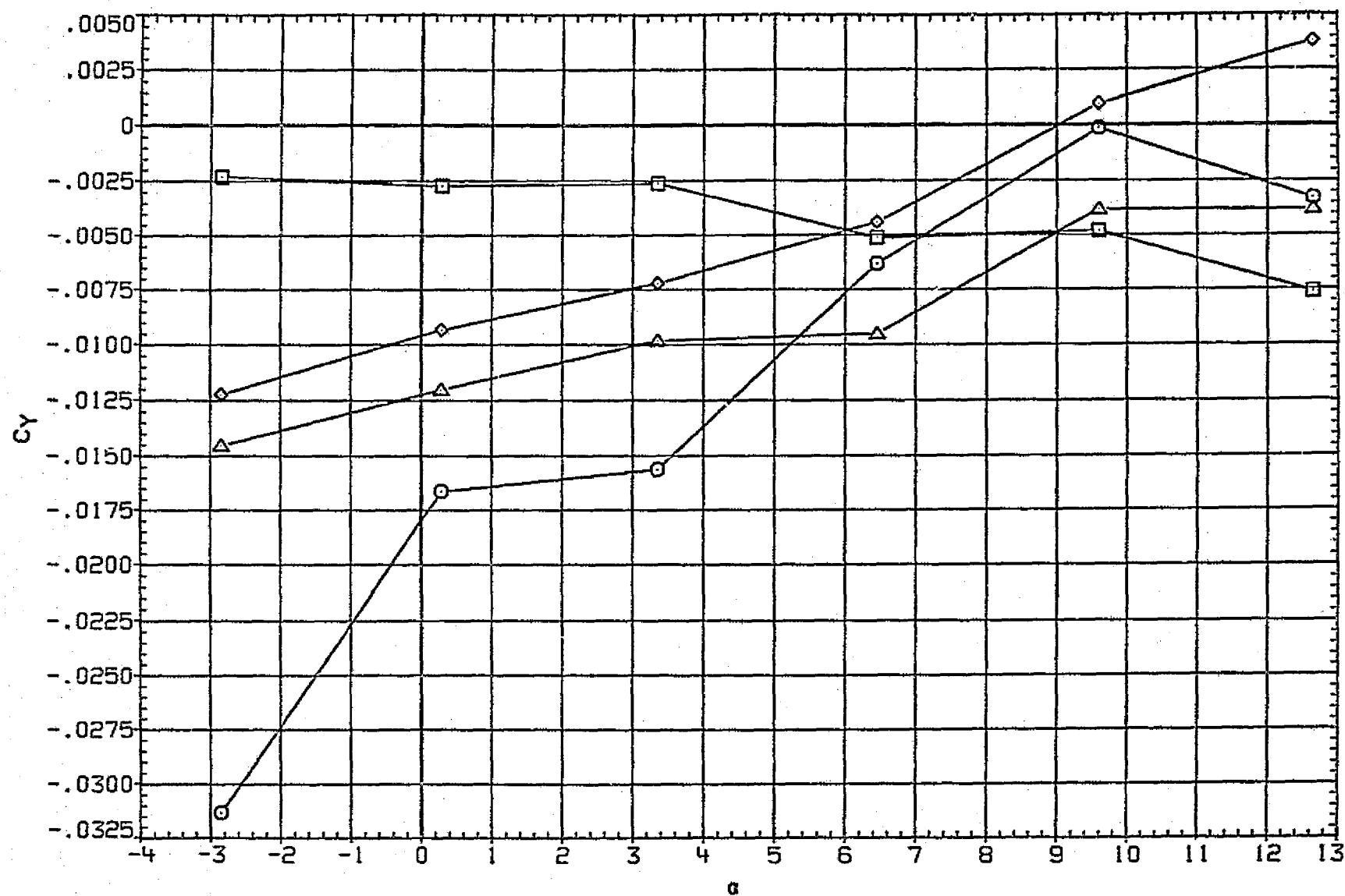


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	1.999	BETA	.000
○	CY	D1	.000	D3	.000
□	CYC	D2	3.000	D4	3.000
◇	CYT	D1-3	.000	D2-4	3.000
△	CYB	PHI-C	.000	PHI-T	.000

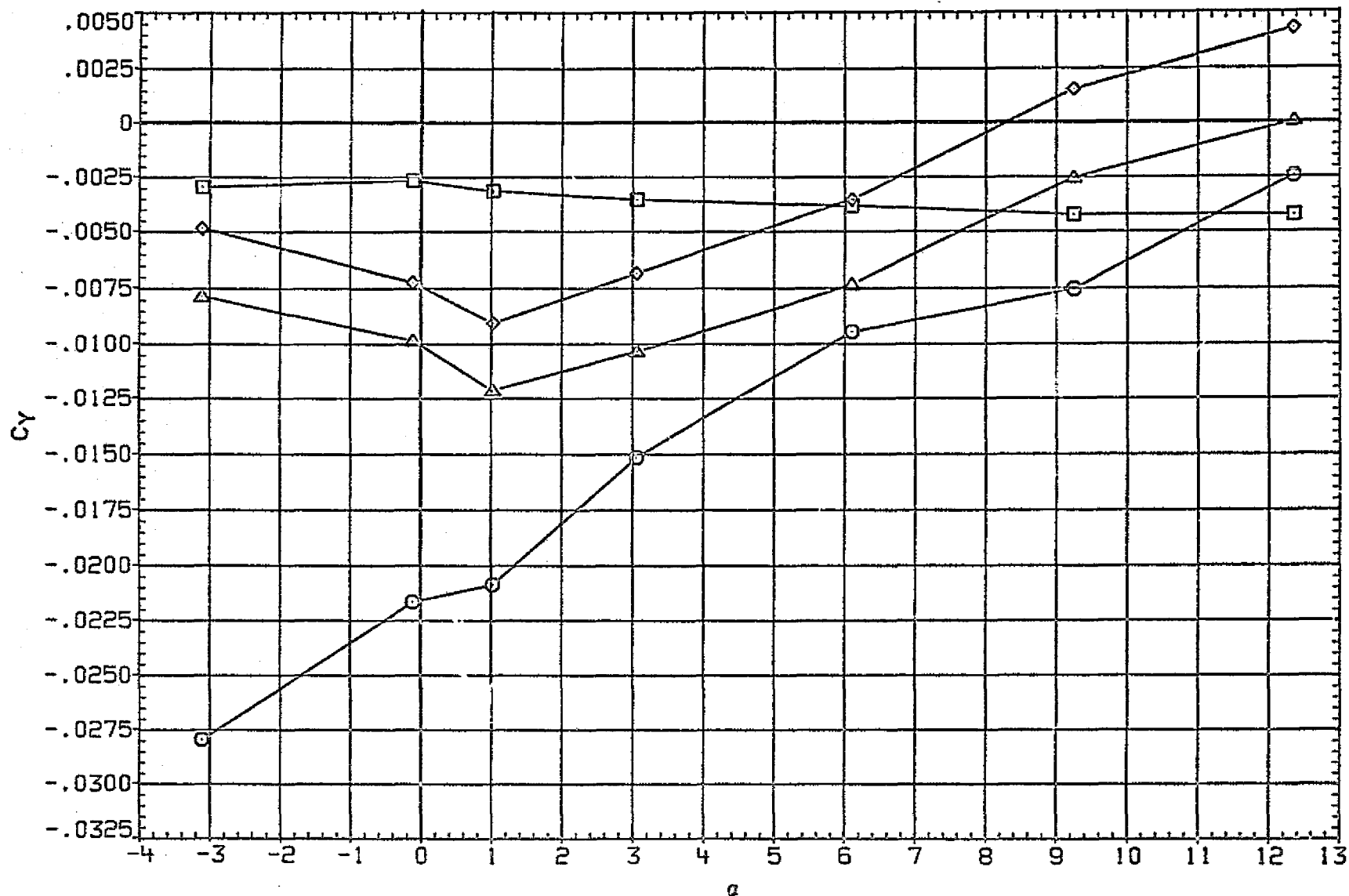


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	1.458	BETA	.000
◇	CYM	01	.000	03	.000
□	CYMC	02	3.000	04	3.000
△	CYMT	01-3	.000	02-4	3.000
	CYMB	PHI-C	.000	PHI-T	.000

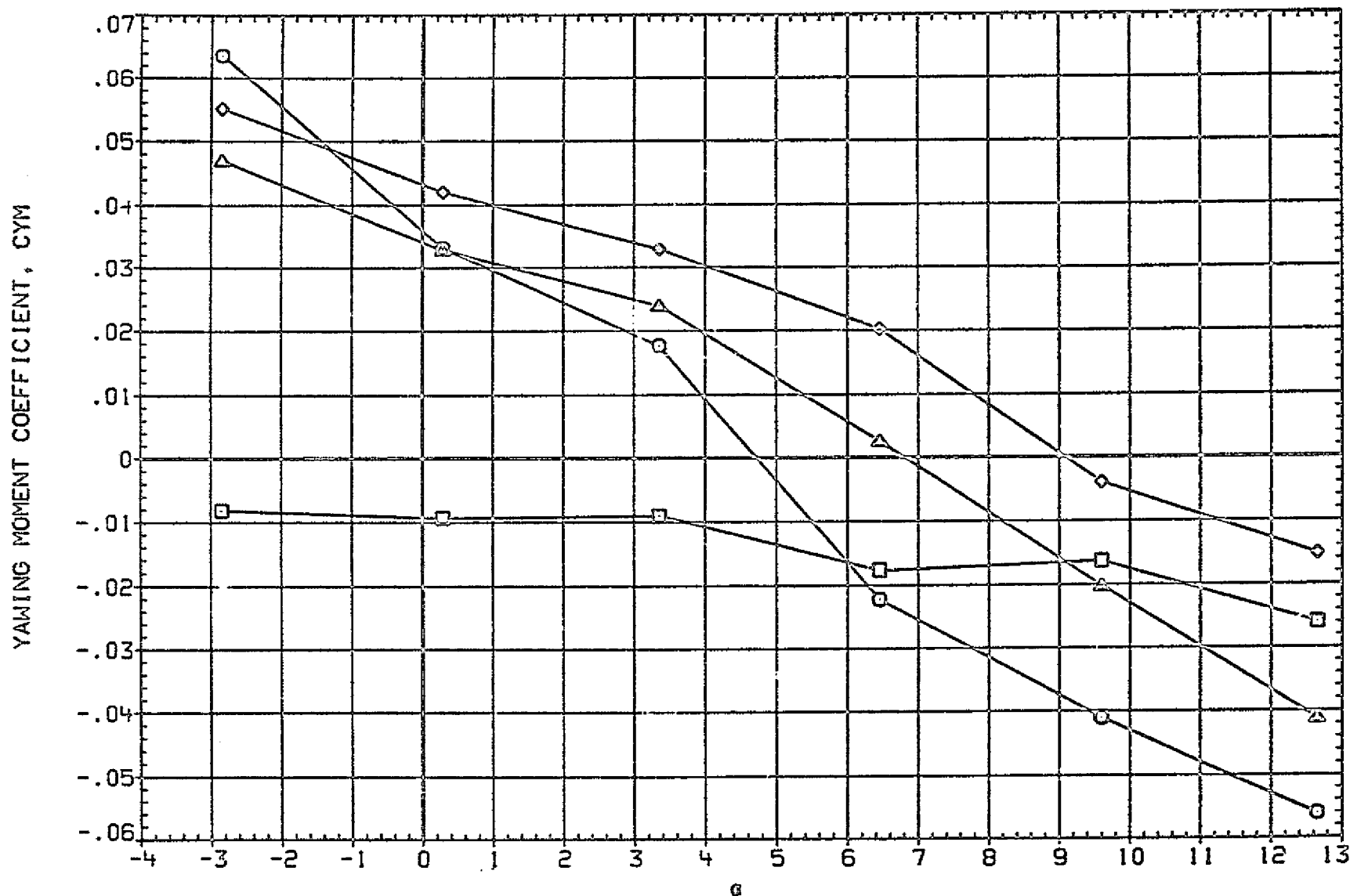


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.998 BETA .000
□	CYMC	D1 .000 D3 .000
△	CYMT	D2 3.000 D4 3.000
◇	CYMB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

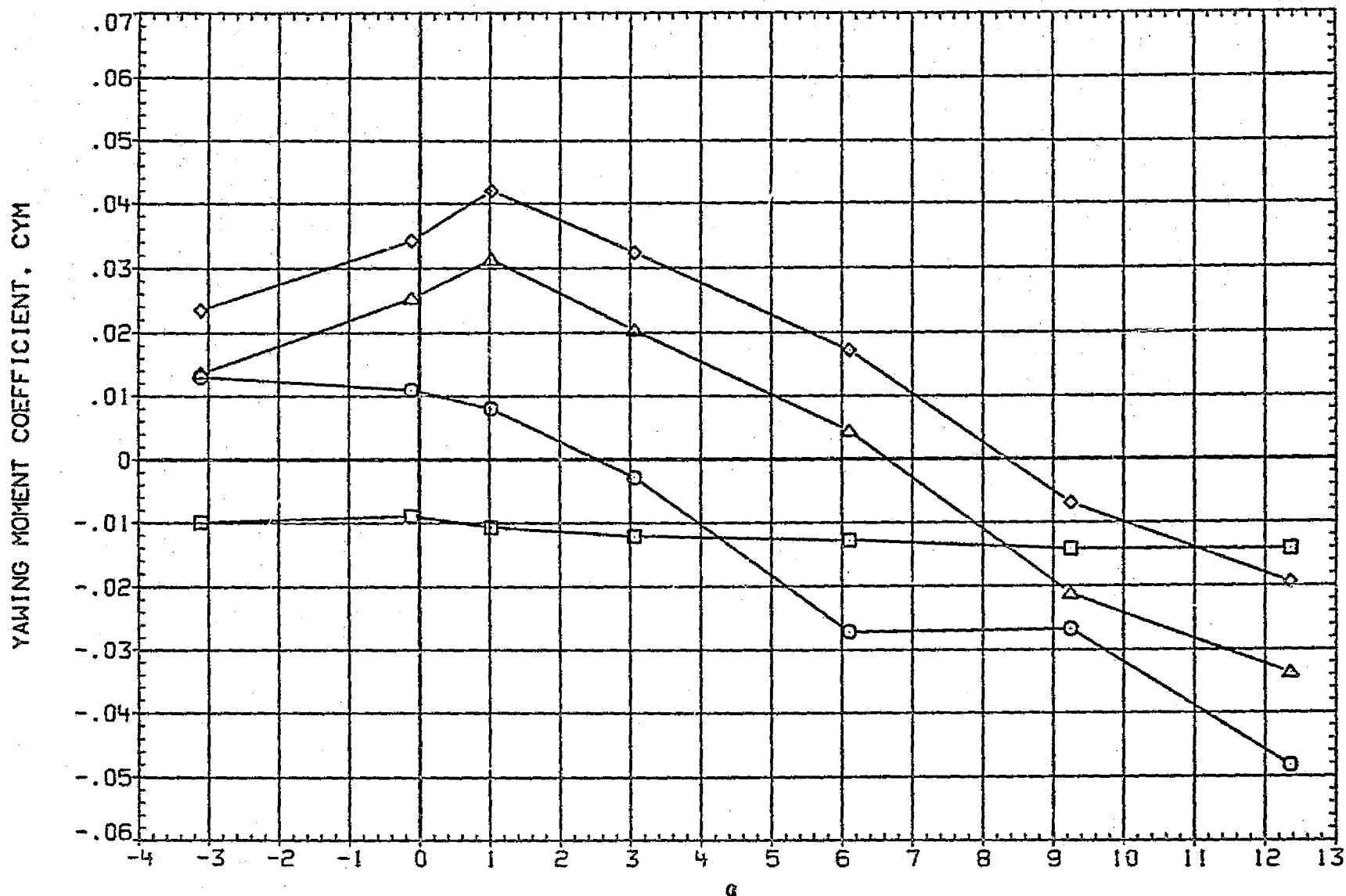


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
◇	CRM	MACH	1.488	BETA	.000
○	CRM	D1	.000	D3	.000
□	CRM	D2	3.000	D4	3.000
△	CRM	D1-3	.000	D2-4	3.000
	CRM	PHI-C	.000	PHI-T	.000

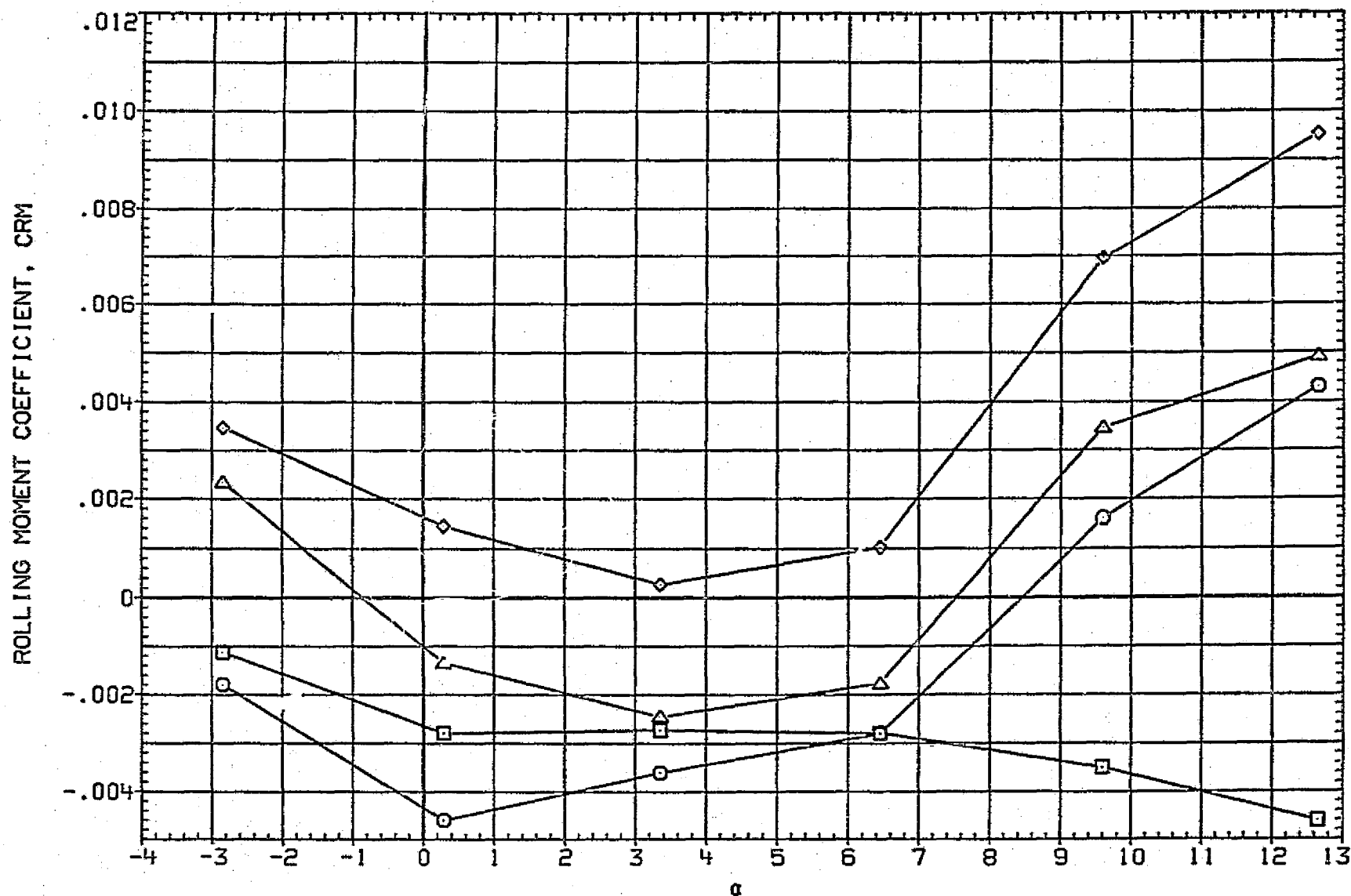


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ228) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.998 BETA .000
□	CRM/C	D1 .000 D3 .000
△	CRM/T	D2 3.000 D4 3.000
◇	CRM/B	D1-3 .000 D2-4 3.000
	PHI-C	.000 PHI-T .000

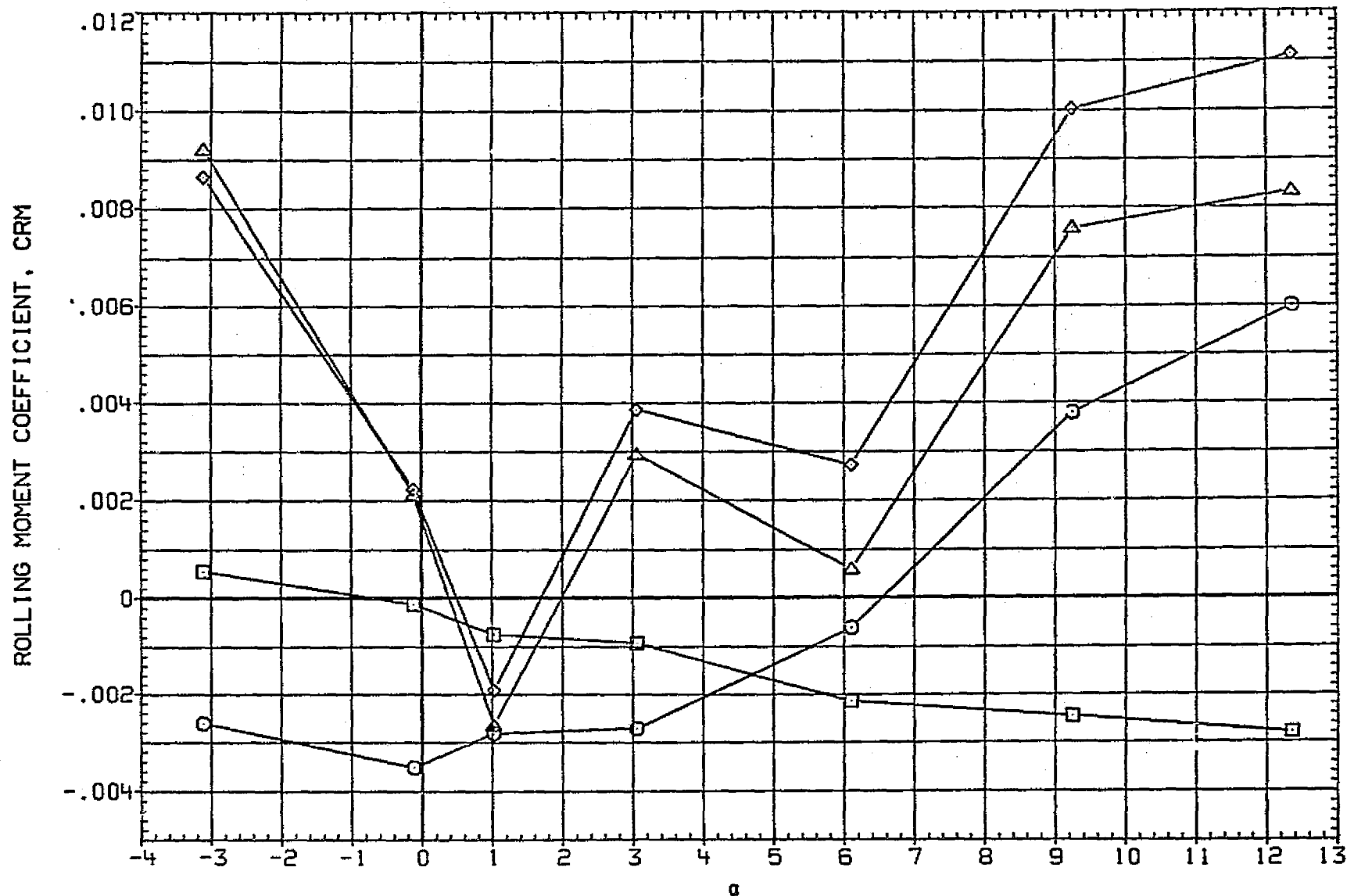


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ229) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.499 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 6.000 D4 6.000
△	CNB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

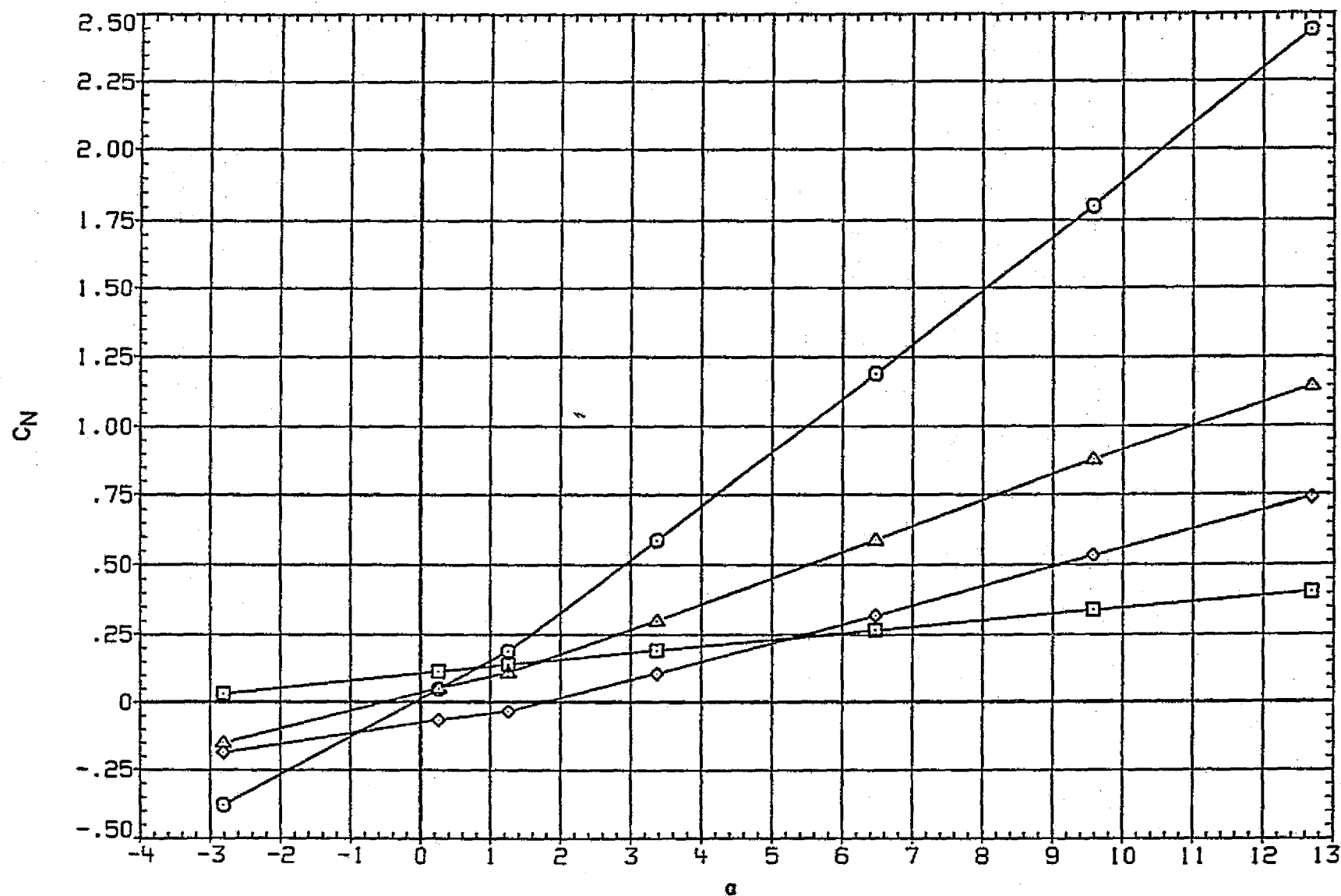


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ229) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.996 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 6.000 D4 6.000
△	CNB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

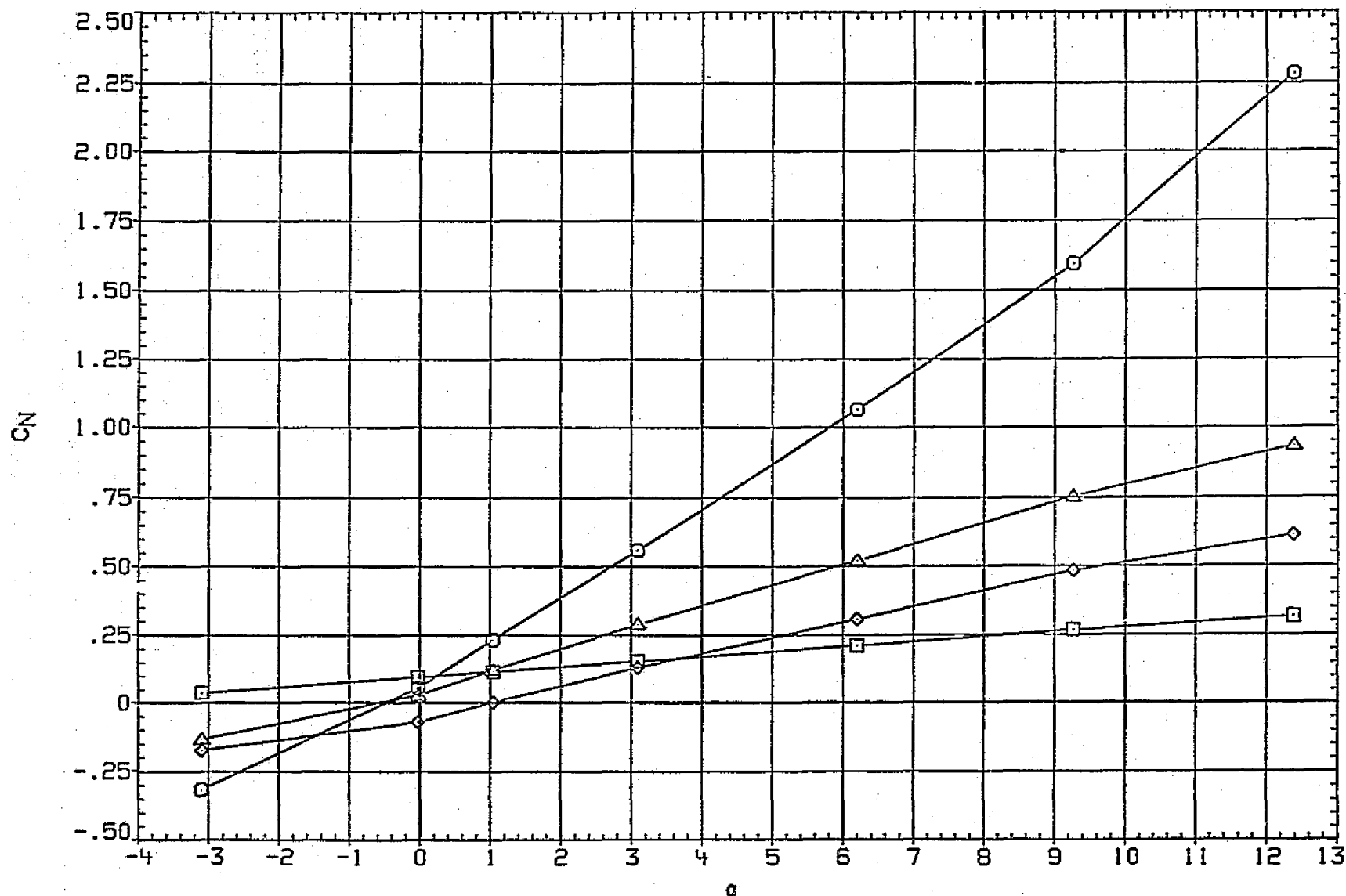


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ229) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.499 BETA .000
□	CNC	D1 .000 D3 .000
◇	CMT	D2 6.000 D4 6.000
△	CMB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

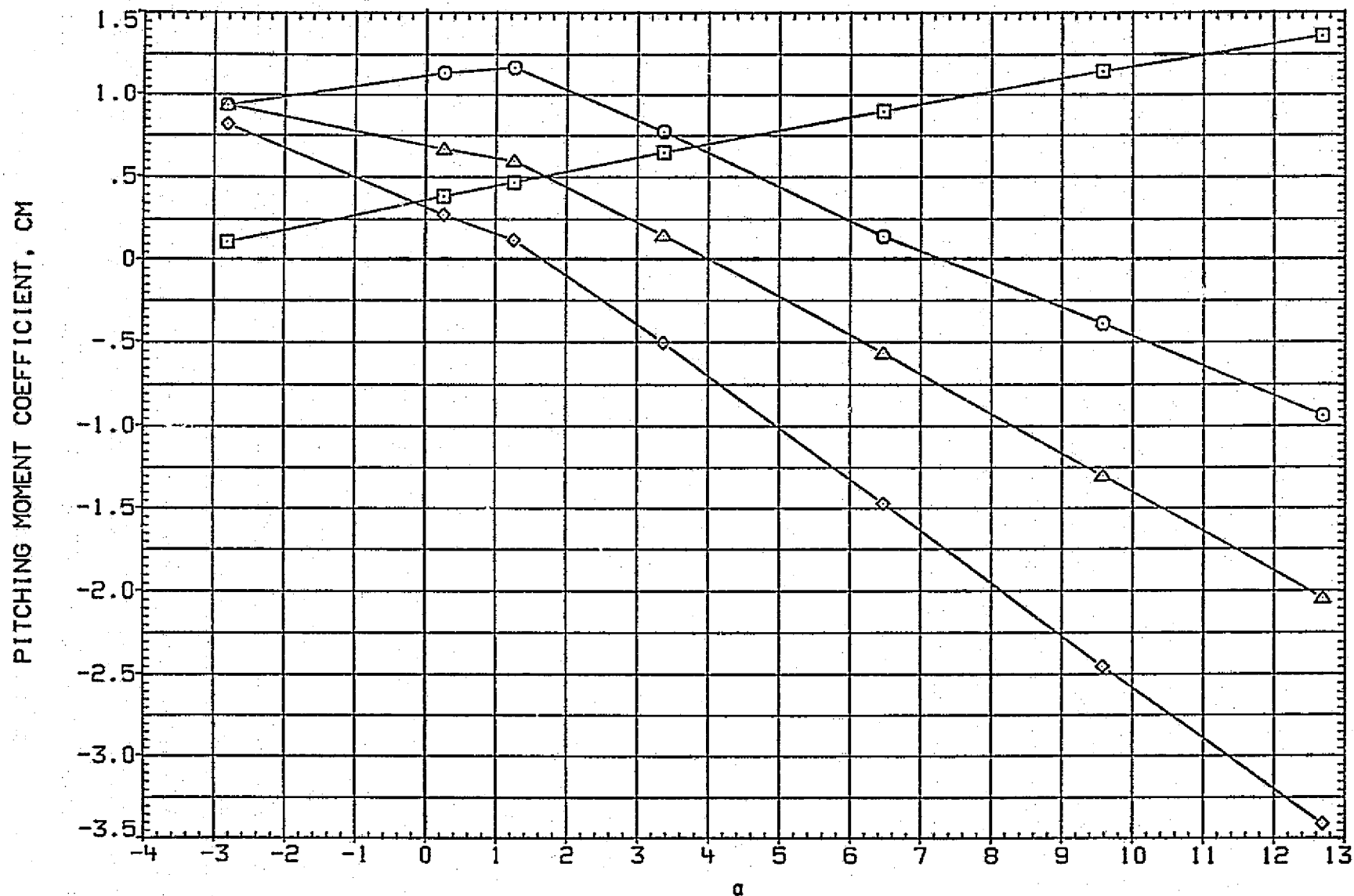


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ229) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.995 BETA .000
◇	CMC	D1 .000 D3 .000
□	CHT	D2 6.000 D4 6.000
△	CMB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

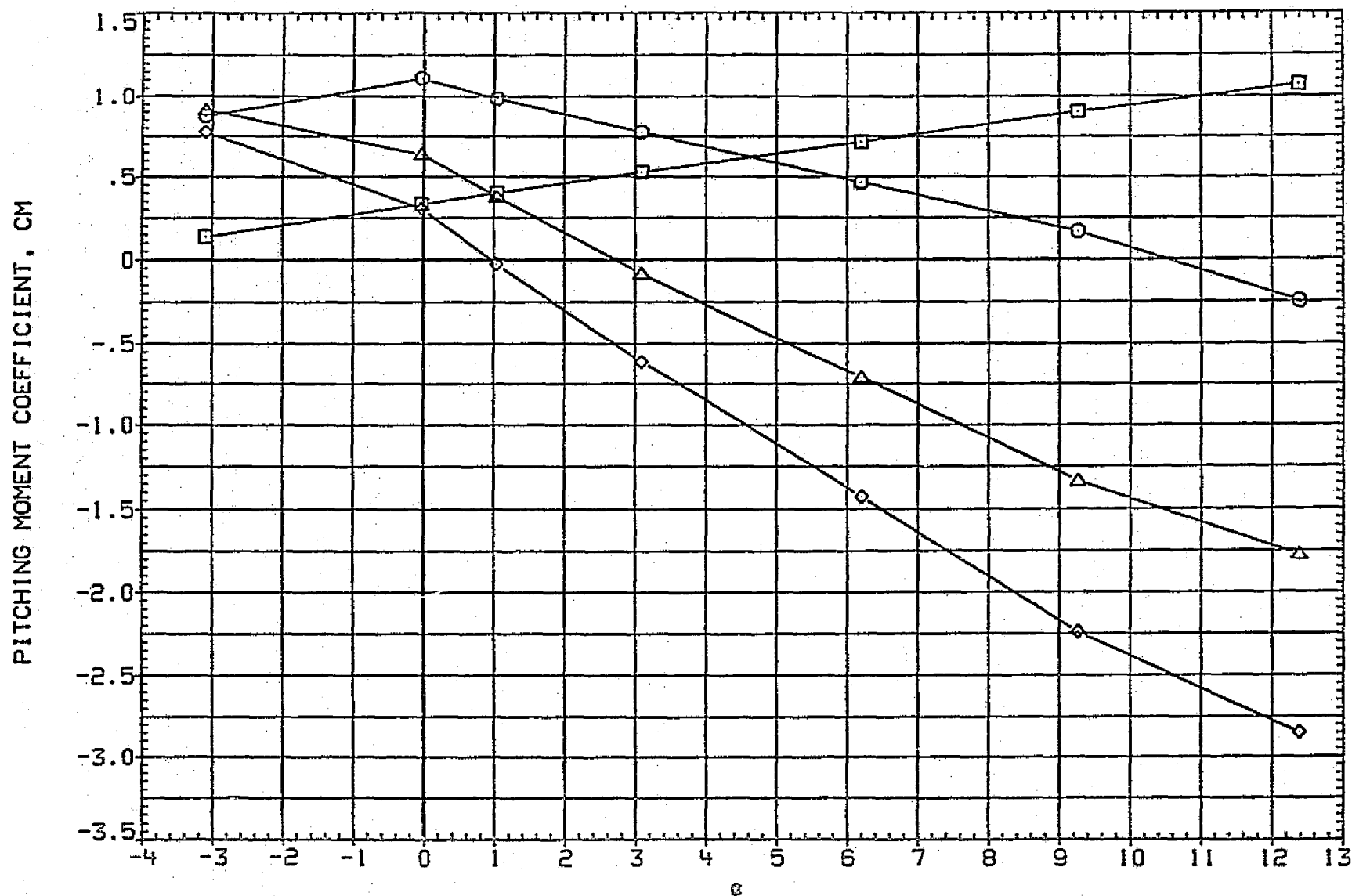


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0E2229) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.499	BETA	.000
		D1	.000	D3	.000
		D2	6.000	D4	6.000
		D1-3	.000	D2-4	6.000
		PHI-C	.000	PHI-T	.000

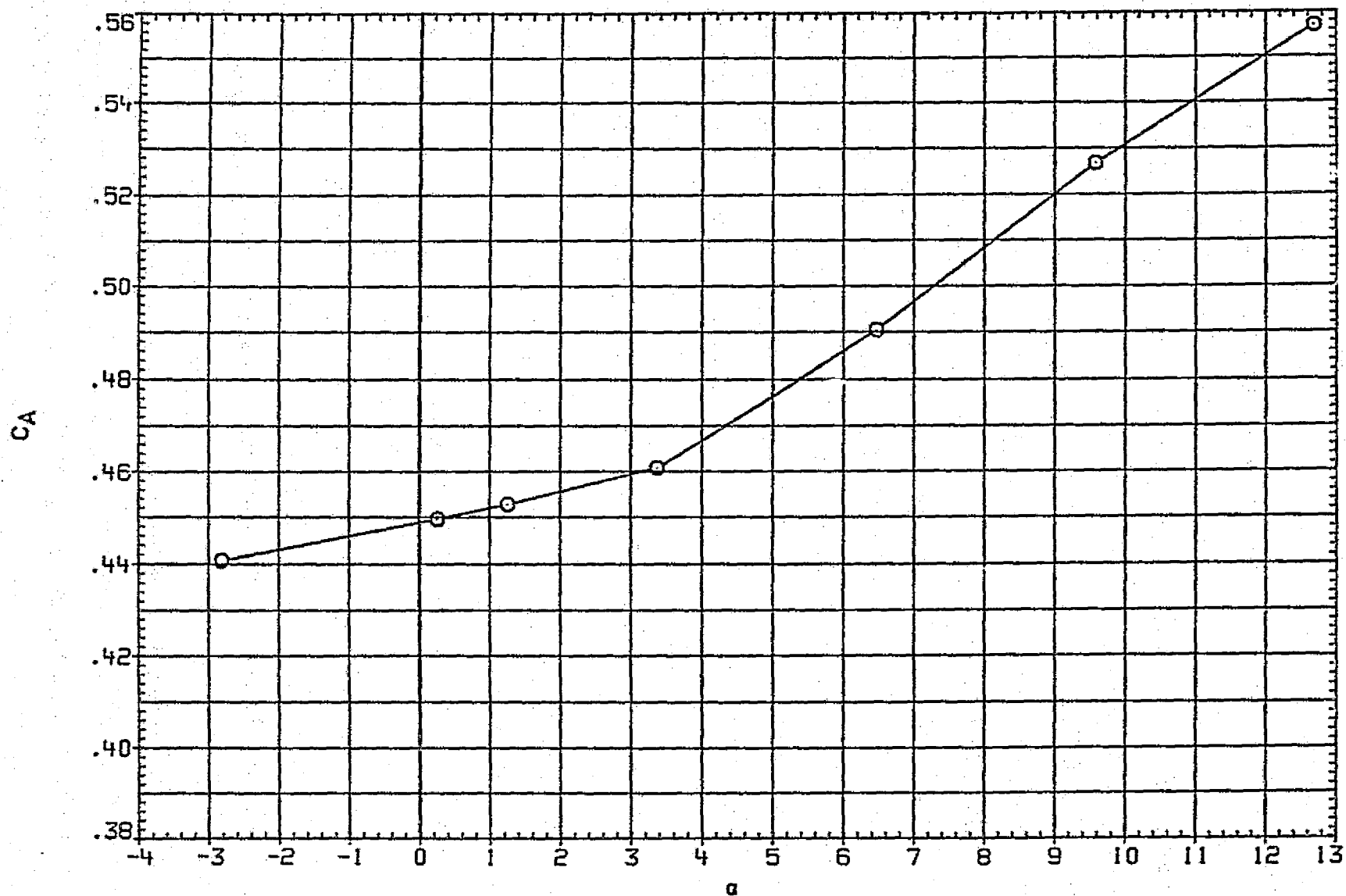


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ229) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.996	BETA	.000
		D1	.000	D3	.000
		D2	6.000	D4	6.000
		D1-3	.000	D2-4	6.000
		PHI-C	.000	PHI-T	.000

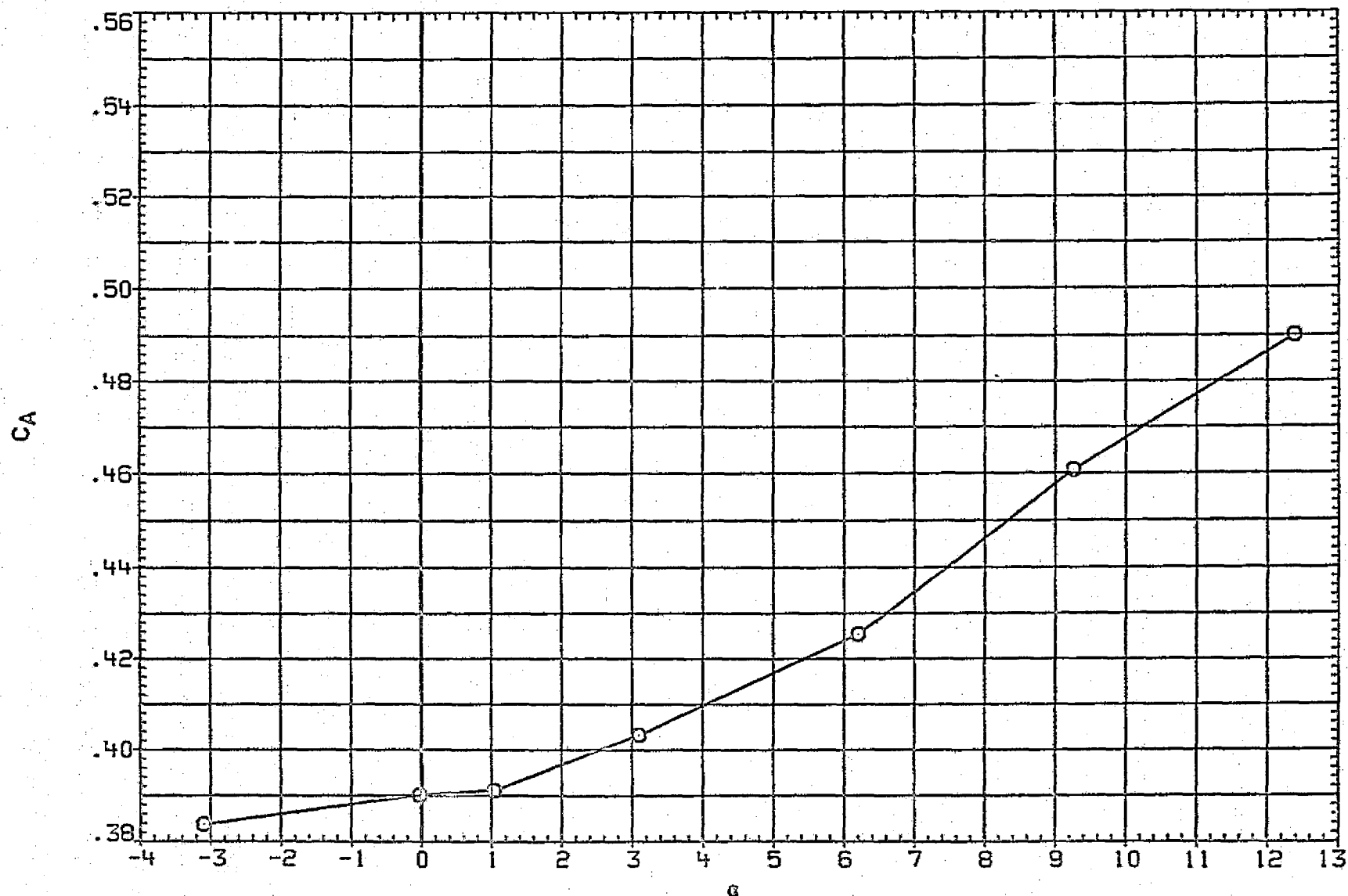


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ229) CONFIGURATION 13 (BNIC471)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	ETA	
○	CY	01	1.459	D3	.000
□	CYC	02	.000	D4	.000
◇	CYT	01-3	6.000	D2-4	6.000
△	CVB	PHI-C	.000	PHI-T	.000

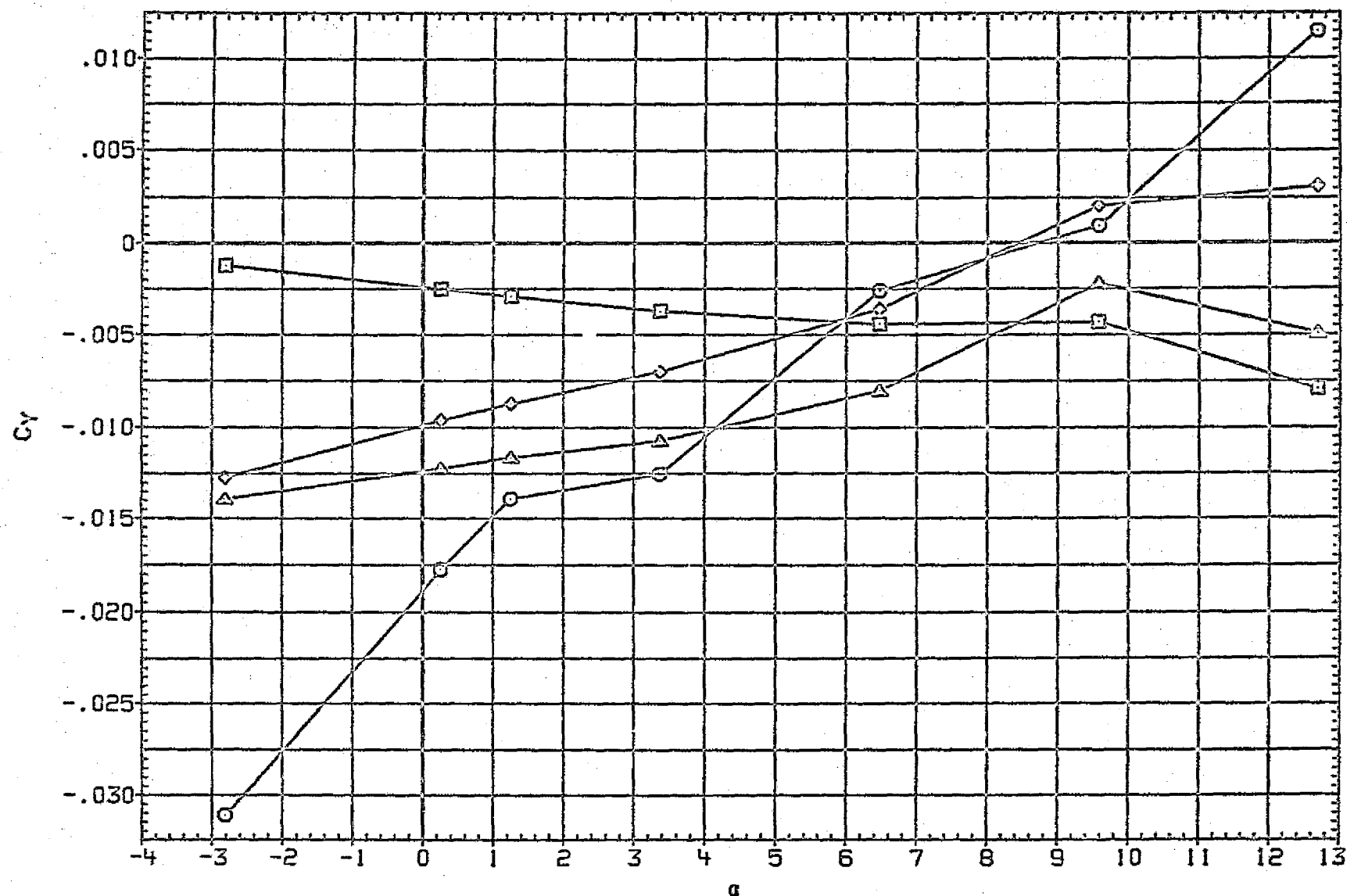


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ229) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 6.000 D4 6.000
△	CYB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

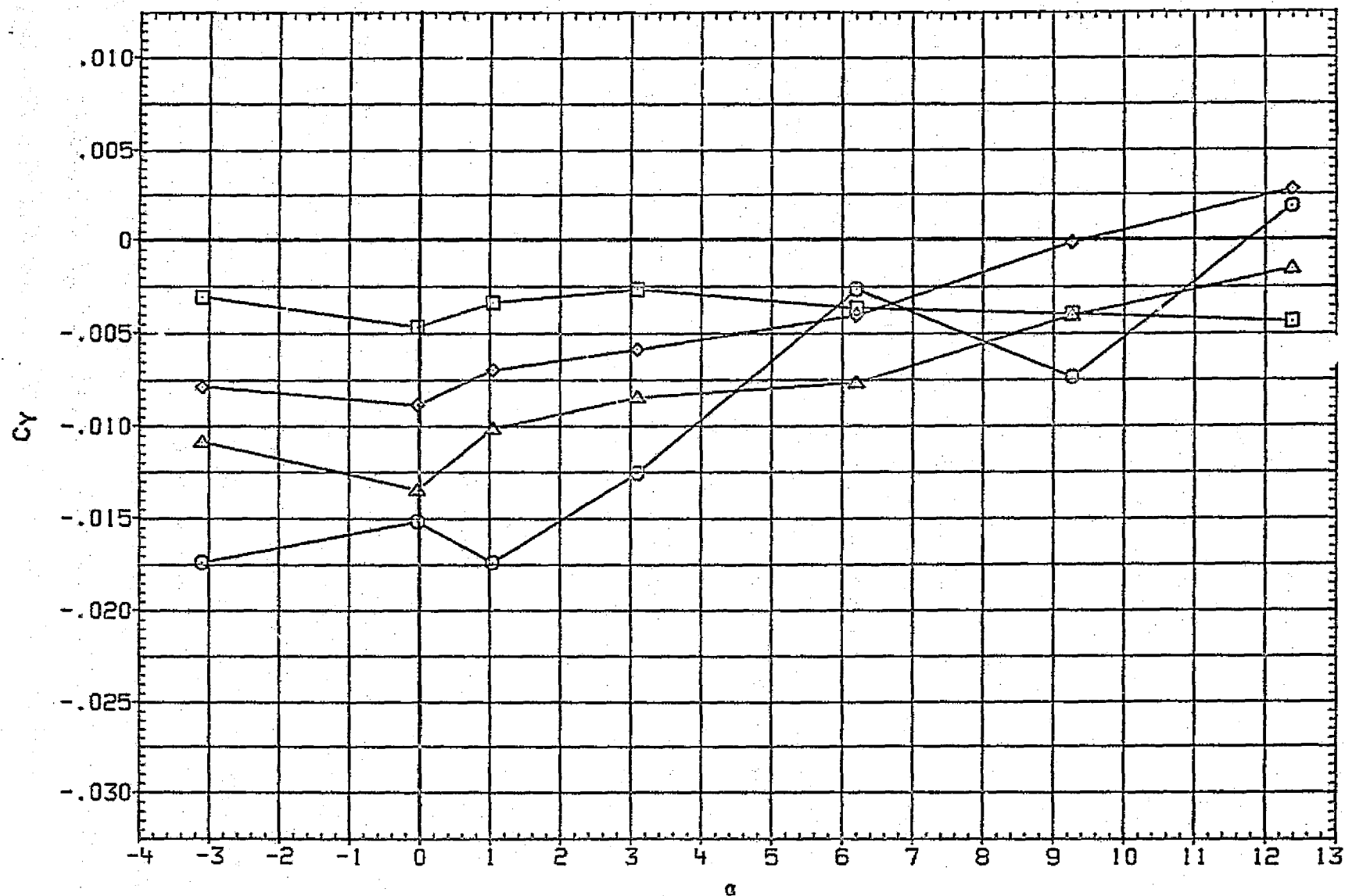


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ229) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYN	MACH 1.453 BETA .000
◇	CYMC	D1 .000 D3 .000
□	CYMT	D2 6.000 D4 6.000
△	CYMB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

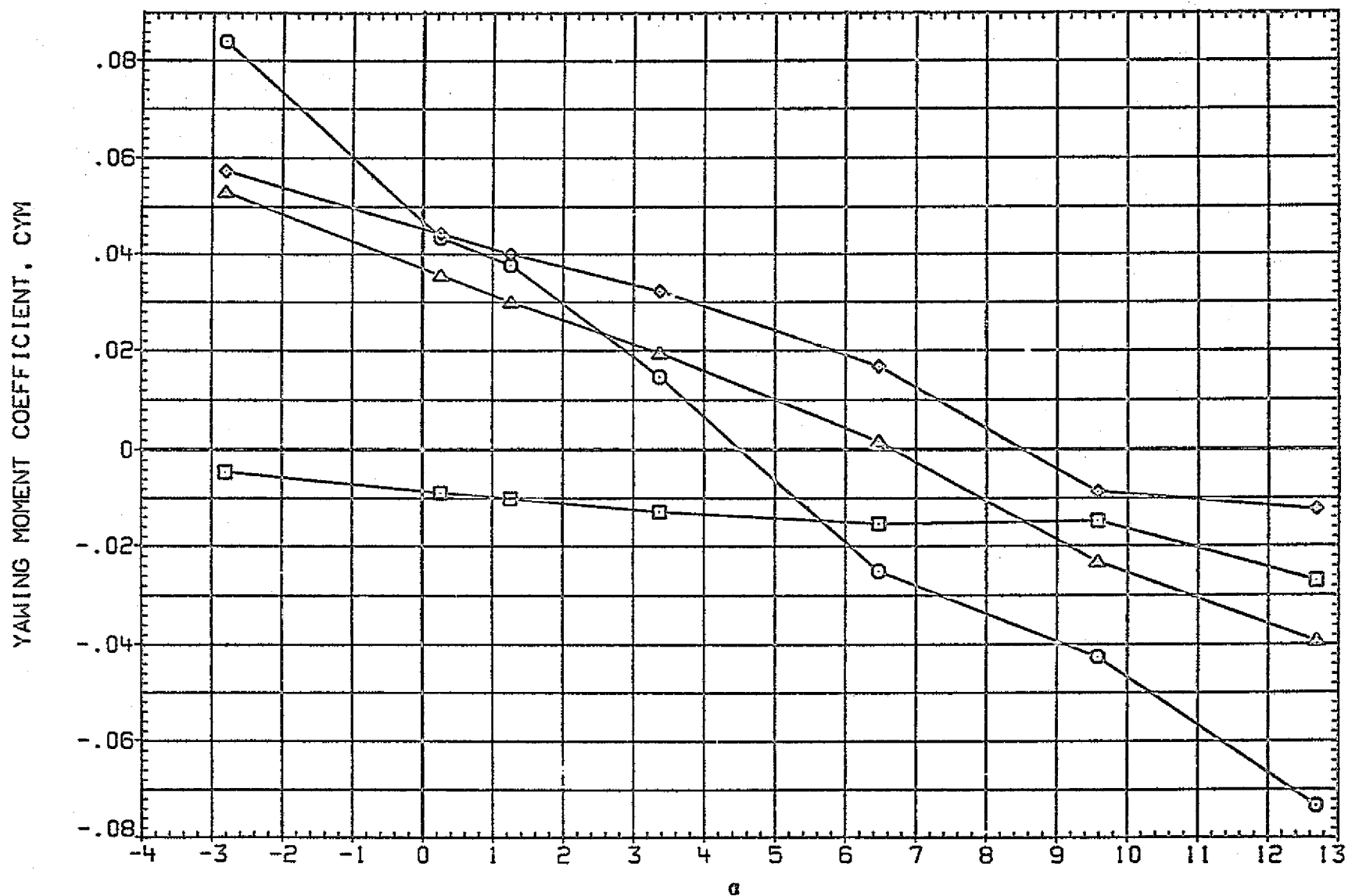


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ229) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CYM	1.996	D1	.000	.000
□	CYMC	.000	D2	D3	.000
◇	CYMT	6.000	D1-3	D4	6.000
△	CYMB	.000	PHI-C	D2-4	6.000
		.000	PHI-T		.000

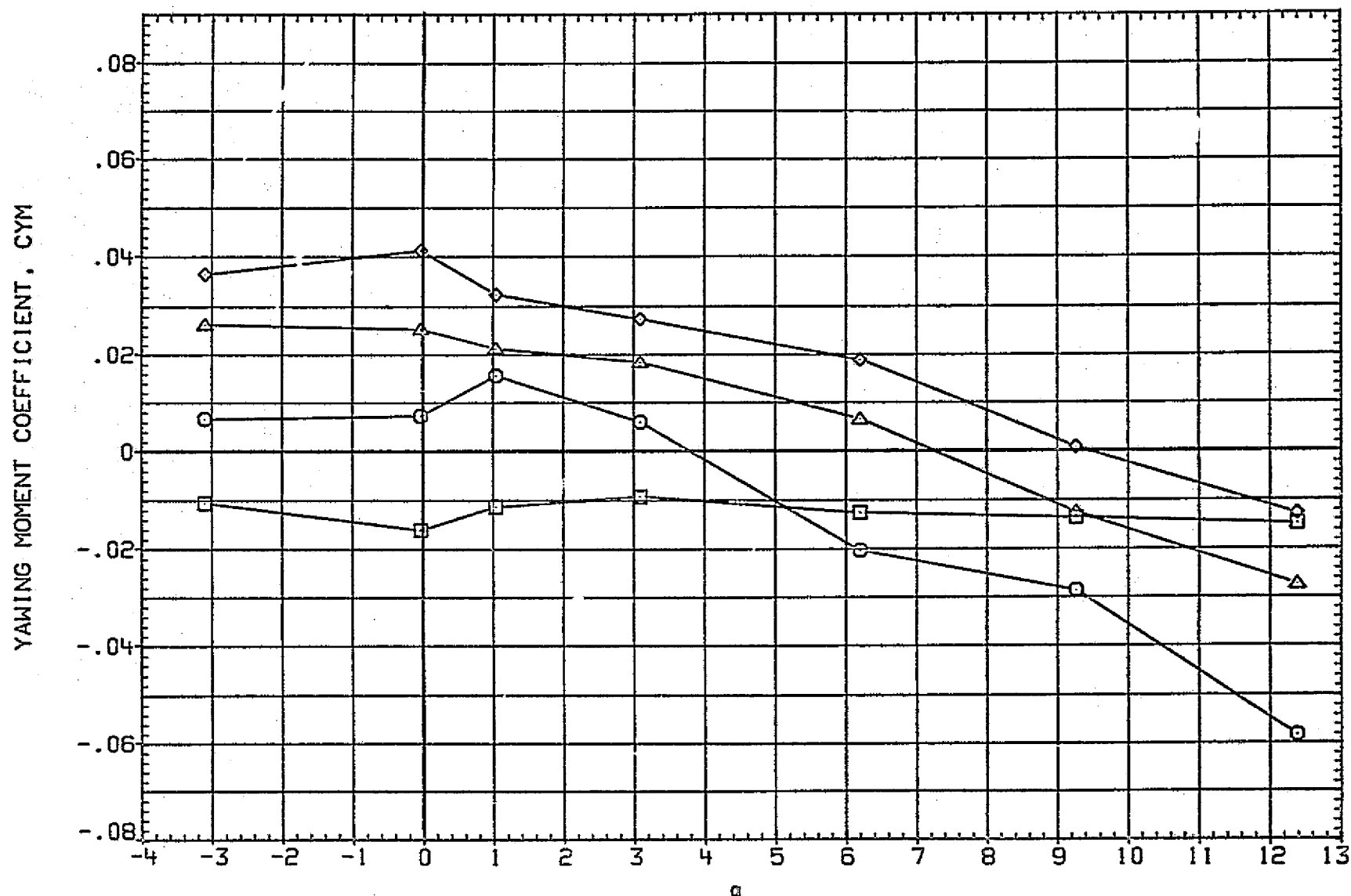


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ229) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
CRM	CRM	1.499	D3	.000
CRM	CRM	.000	D4	.000
CRM	CRM	6.000	D2-4	6.000
CRM	CRM	.000	PHI-T	6.000
CRM	CRM	.000	PHI-C	.000

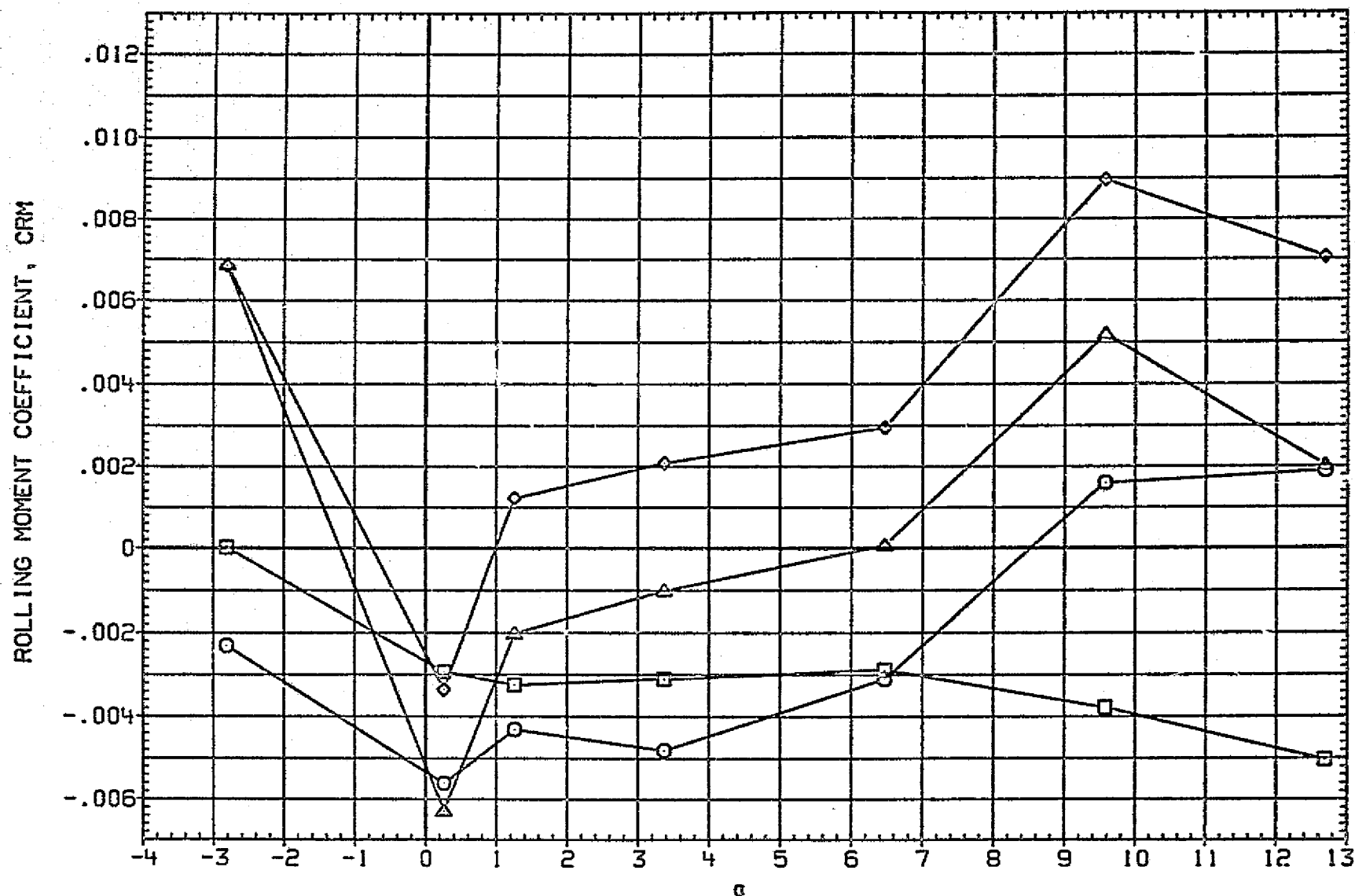


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ229) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.996 BETA .000
◇	CRM/C	D1 .000 D3 .000
□	CRM/T	D2 6.000 D4 6.000
△	CRM/B	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

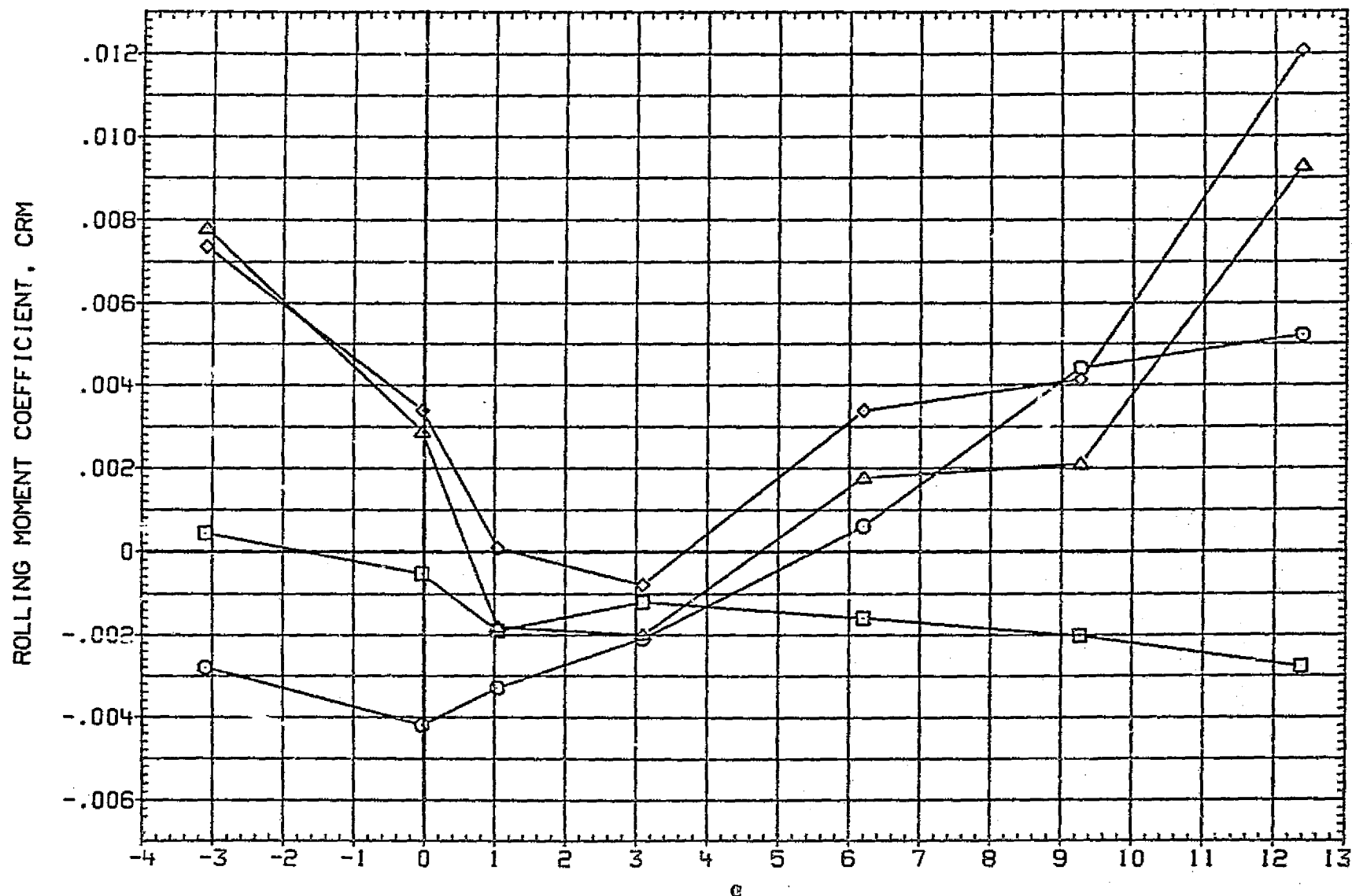


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	1.458	D1	.000	
□	CNC	.000	D3	.000	
◇	CNT	9.000	D4	9.000	
△	CNS	D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

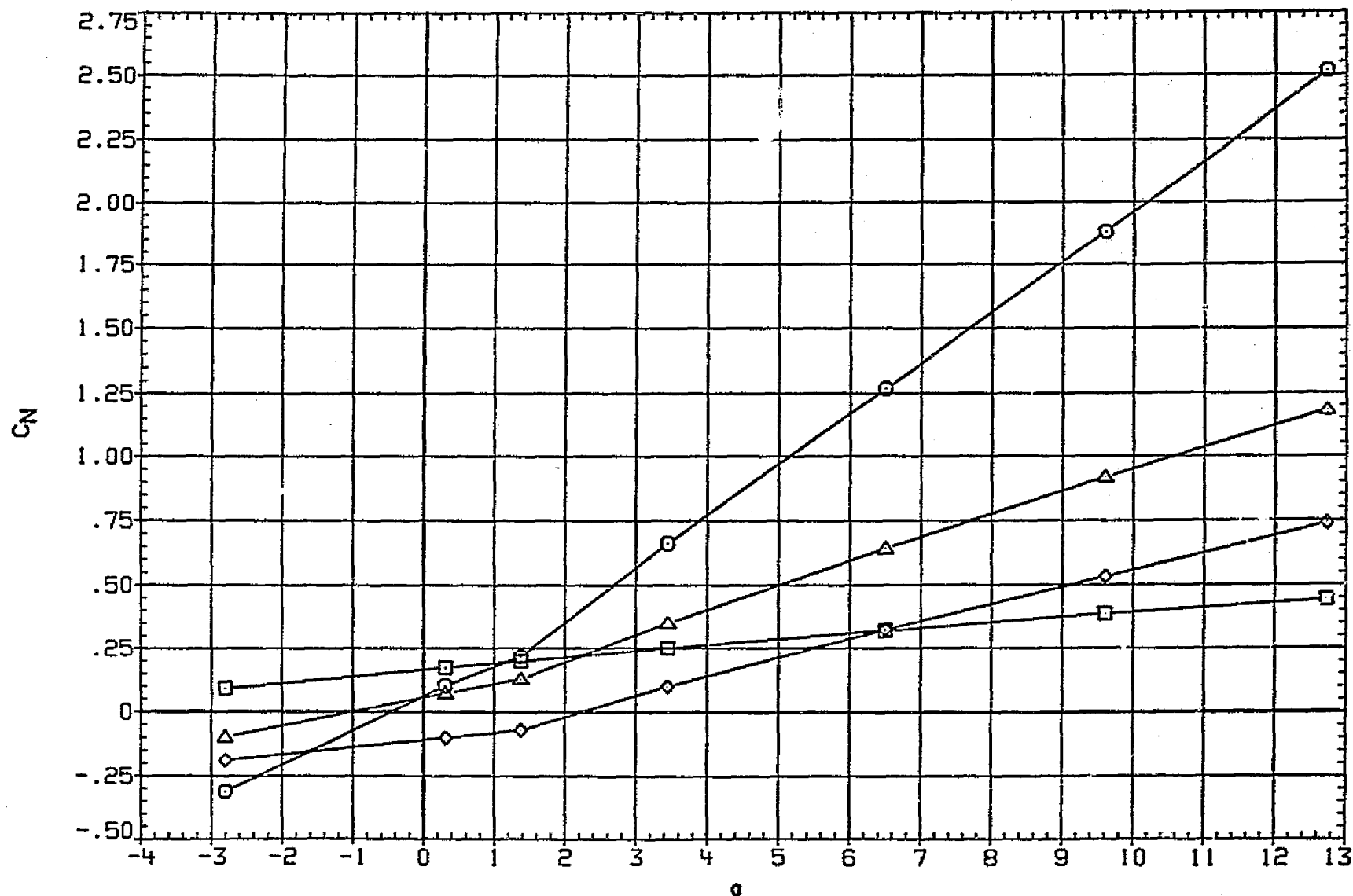


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	1.994	D1	.000	.000
□	CNC	.000	D3	.000	.000
◇	CNT	9.800	D4	9.000	9.000
△	CNB	.000	D1-3	.000	9.000
		PHI-C	PHI-T	.000	.000

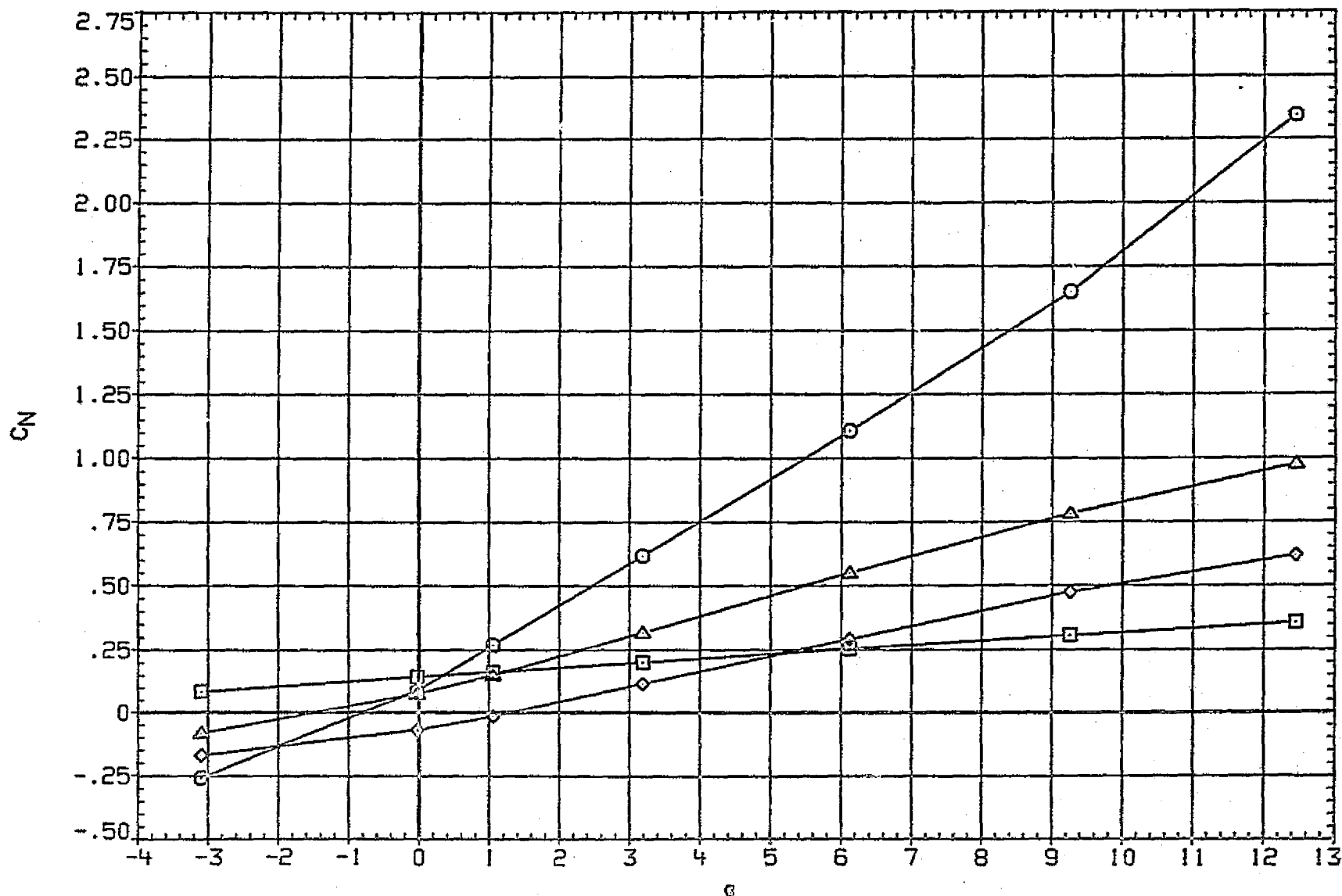


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	EETA	
○	CM	01	1.498	03	.000
□	CMC	02	.000	04	.000
◇	CMT	01-3	9.000	02-4	9.000
△	CM3	PHI-C	.000	PHI-T	.000

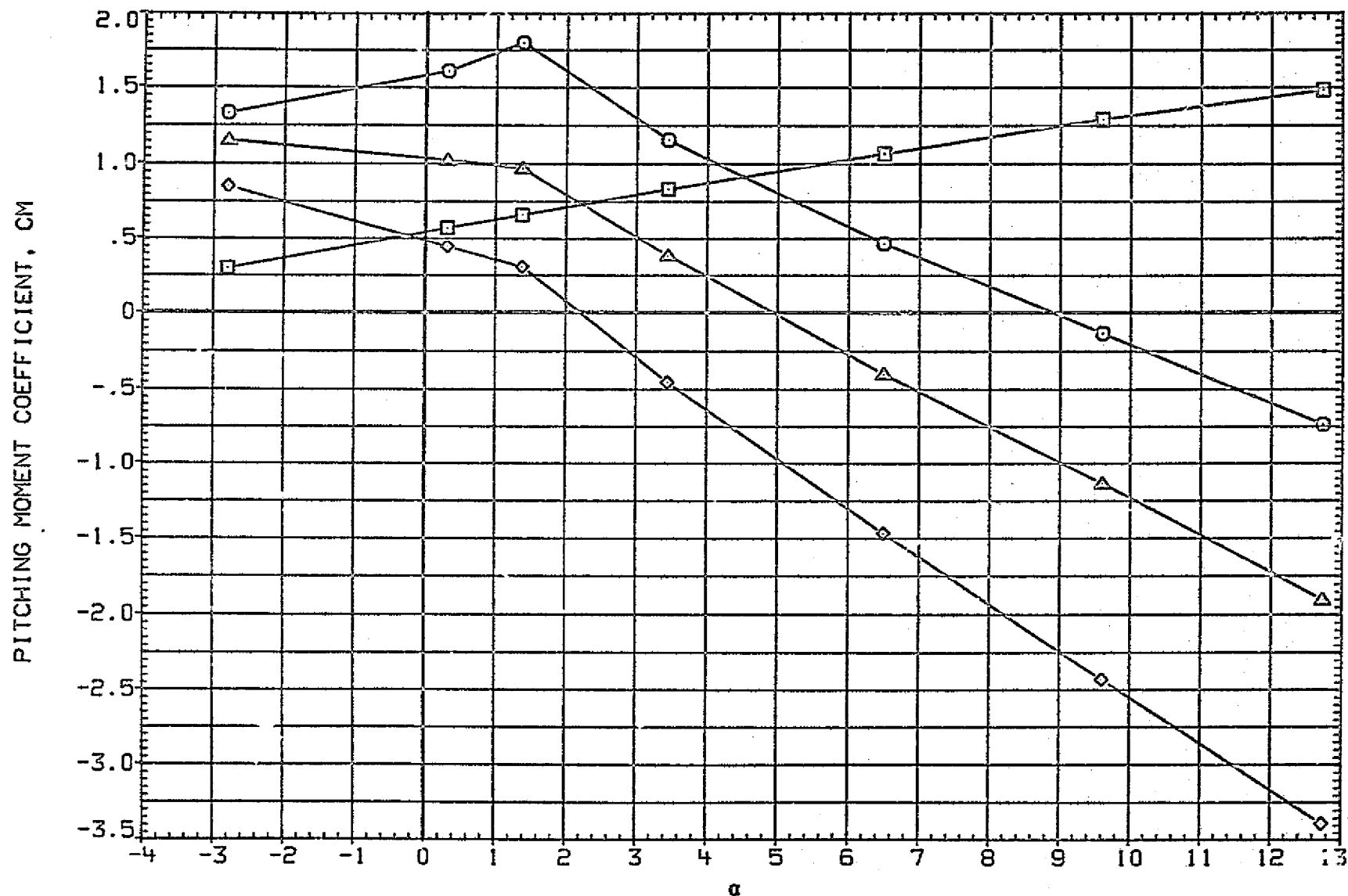


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
CM	MACH	1.934
CMC	D1	.000
CMT	D2	9.000
CMB	D1-S	.000
	PHI-C	.000
	BETA	.000
	D3	.000
	D4	9.000
	D2-4	9.000
	PHI-T	.000

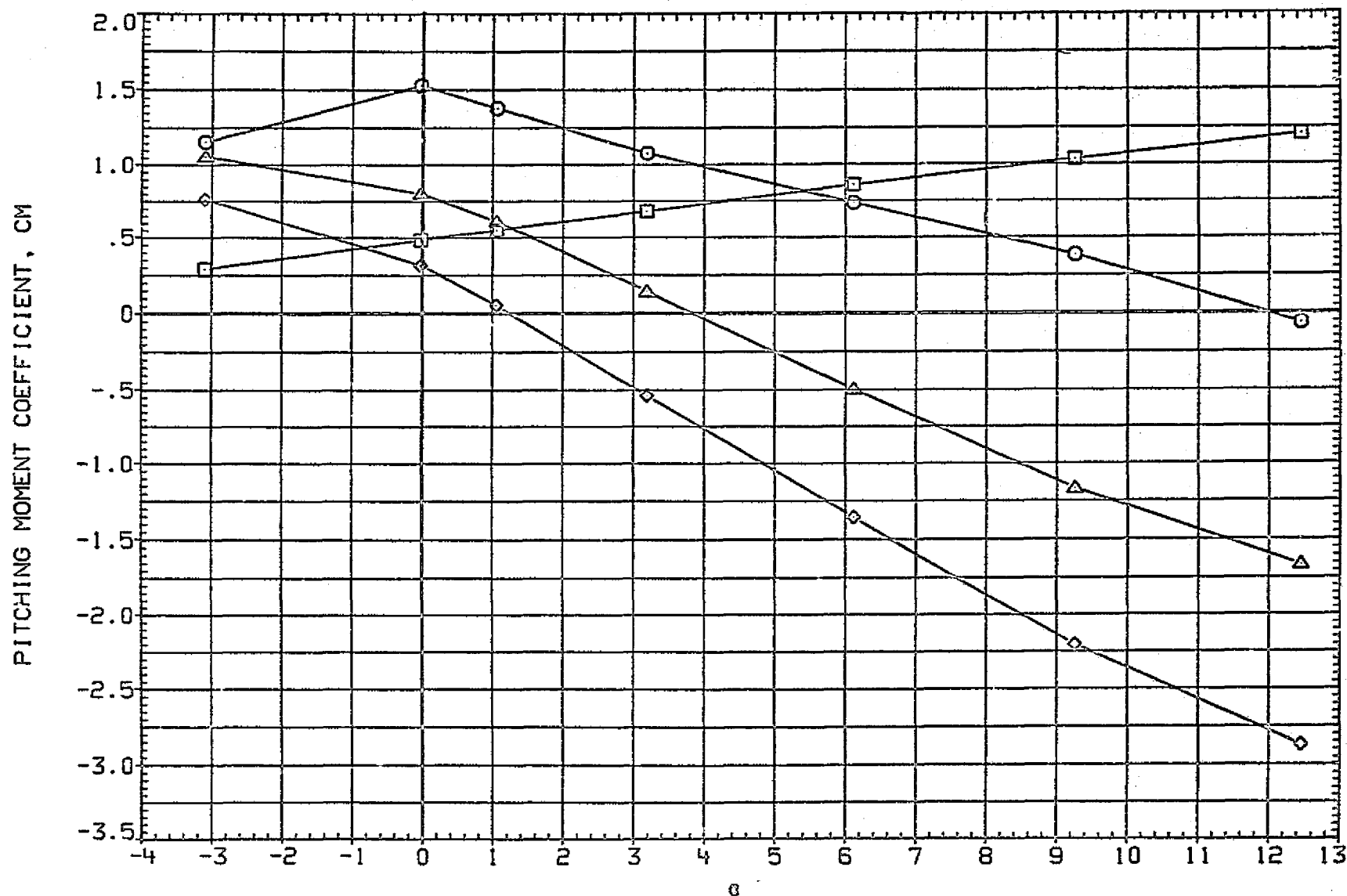


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.499	BETA	.000
		D1	.000	D3	.000
		D2	9.000	D4	9.000
		D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

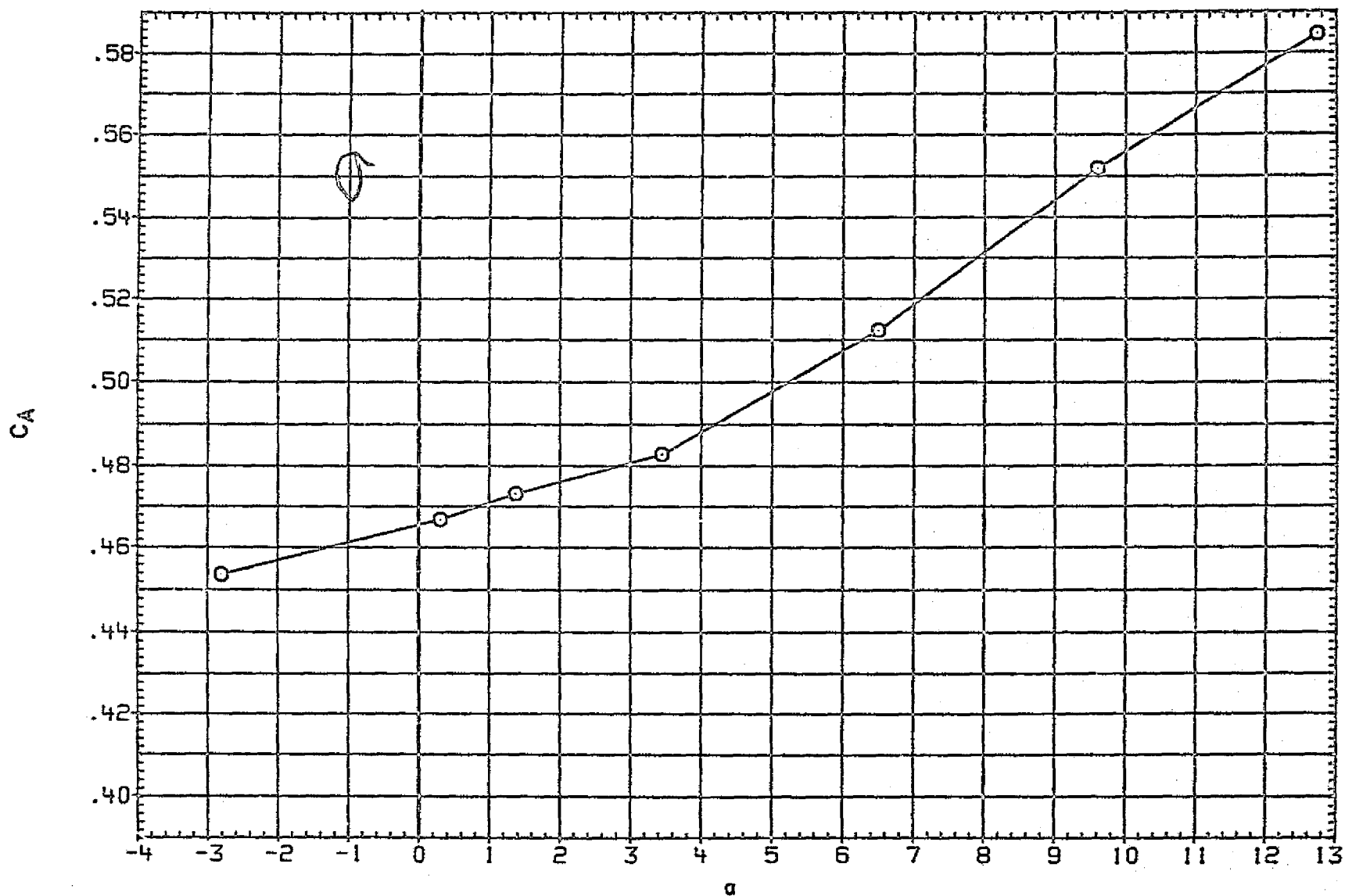


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.994	BETA	.000
		D1	.000	D3	.000
		D2	9.000	D4	9.000
		D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

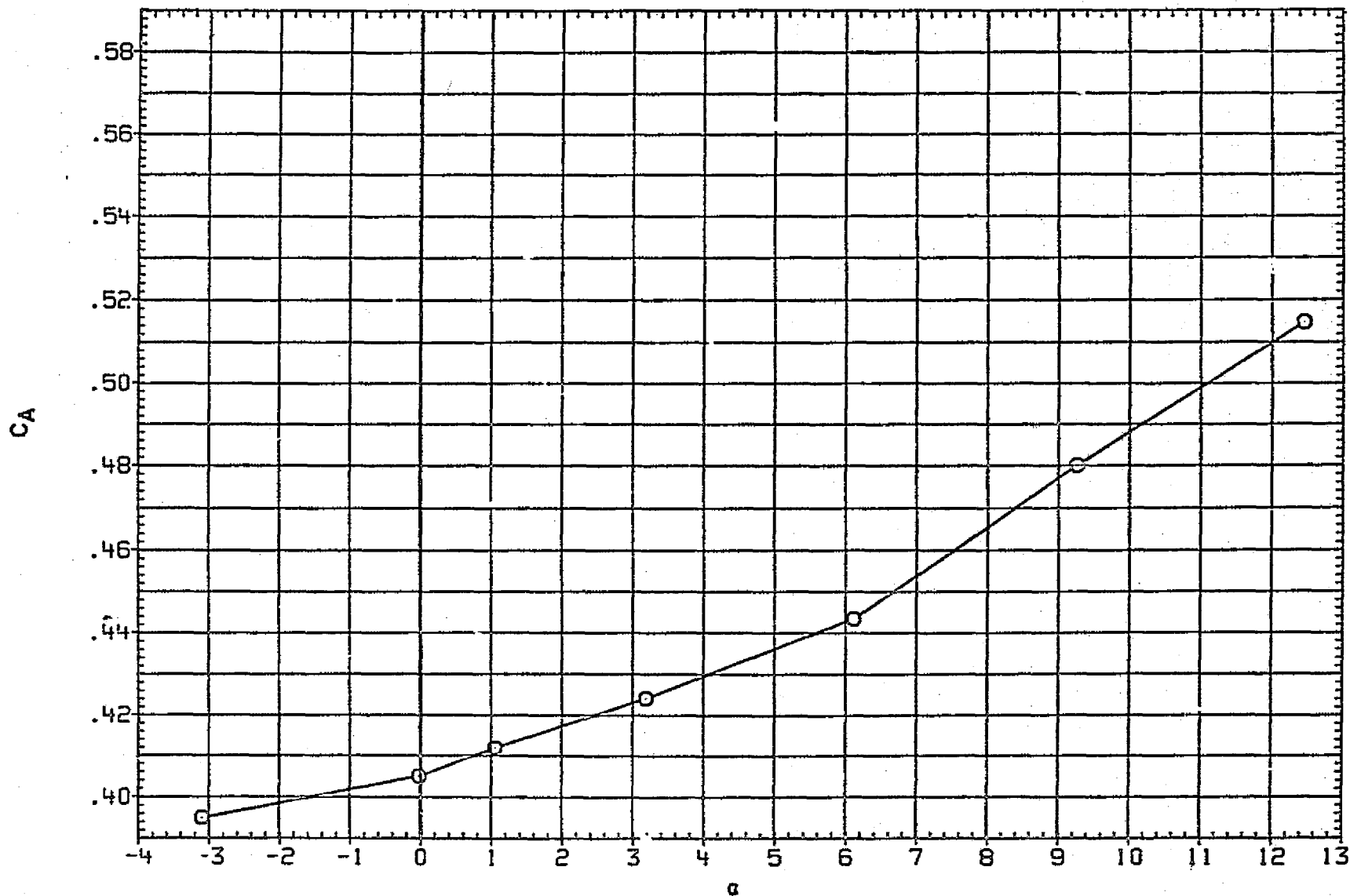


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CY	01	1.493	03	.000
□	CYC	02	.000	04	.000
◇	CYT	01-3	9.000	02-4	9.000
△	CYB	PHI-C	.000	PHI-T	.000

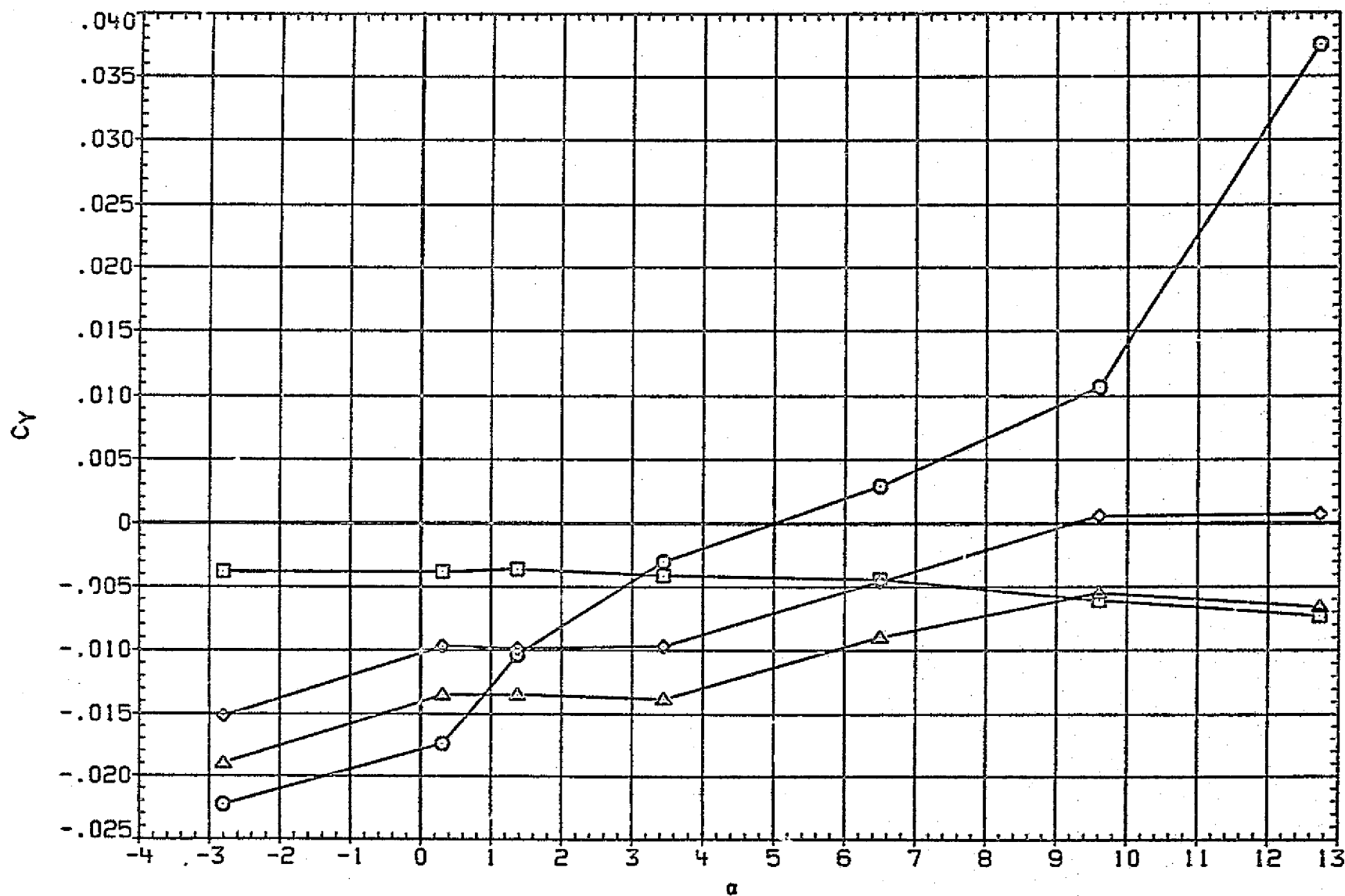


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	1.994	BETA	.000
□	CY	D1	.000	D3	.000
◇	CYC	D2	9.000	D4	9.000
△	CYT	D1-3	.000	D2-4	9.000
	CYB	PHI-C	.000	PHI-T	.000

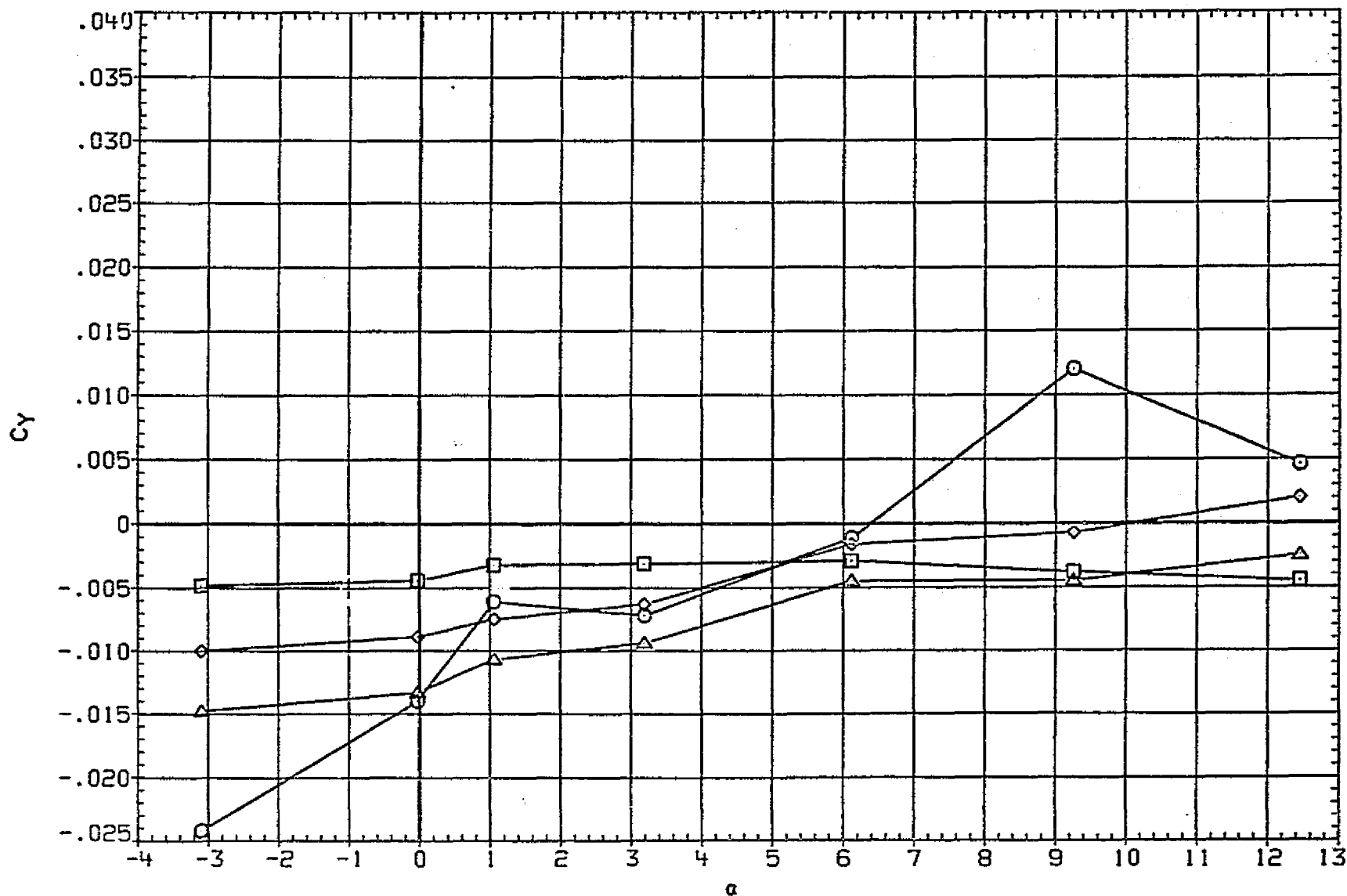


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.498 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 9.000 D4 9.000
△	CYMS	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

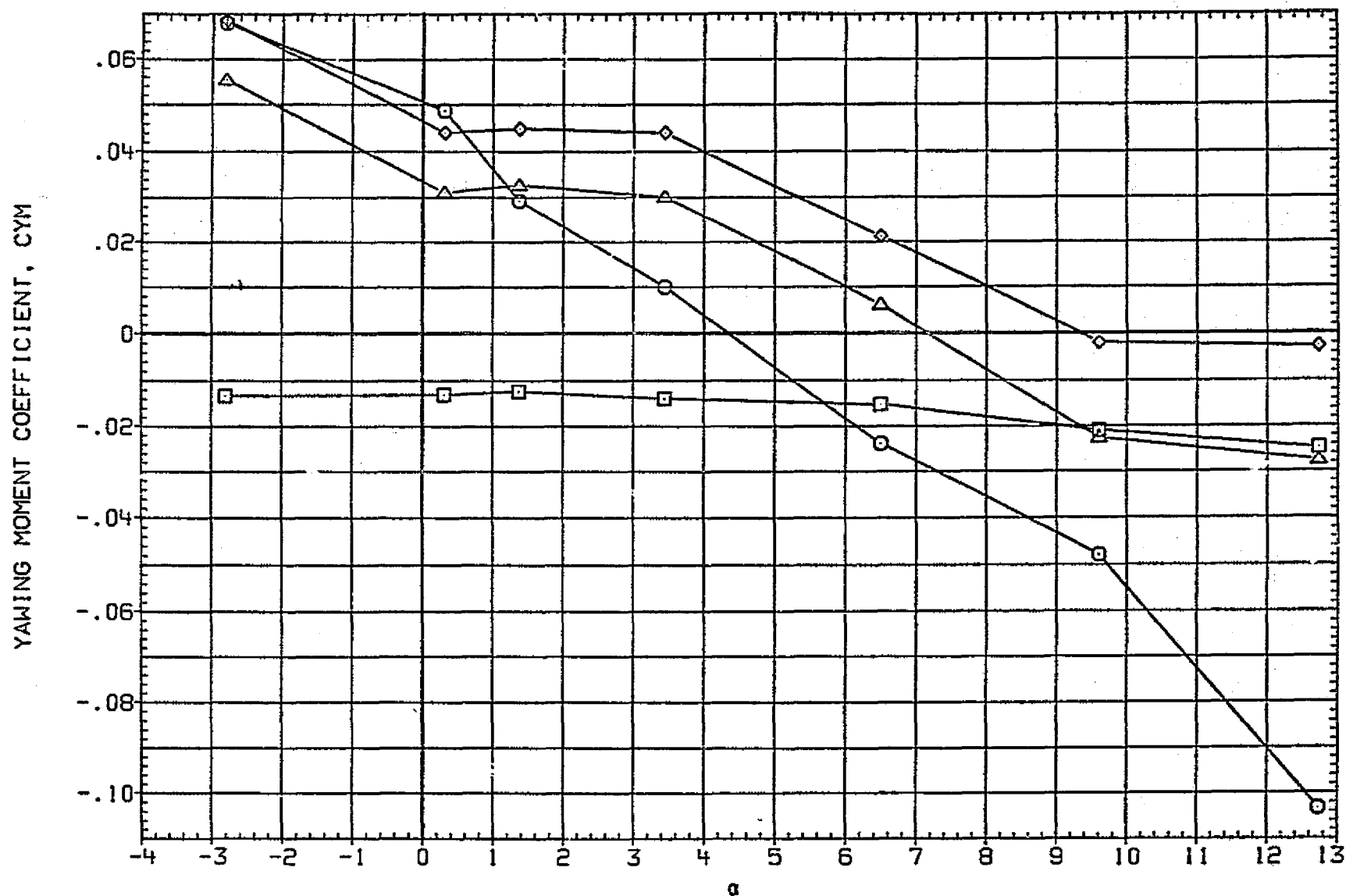


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ230) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.994 BETA .000
□	CYMC	D1 .000 D3 .000
△	CYMT	D2 9.000 D4 9.000
○	CYMB	D1-3 .000 D2-4 9.000
		PHI-C .090 PHI-T .000

YAWING MOMENT COEFFICIENT, CYM

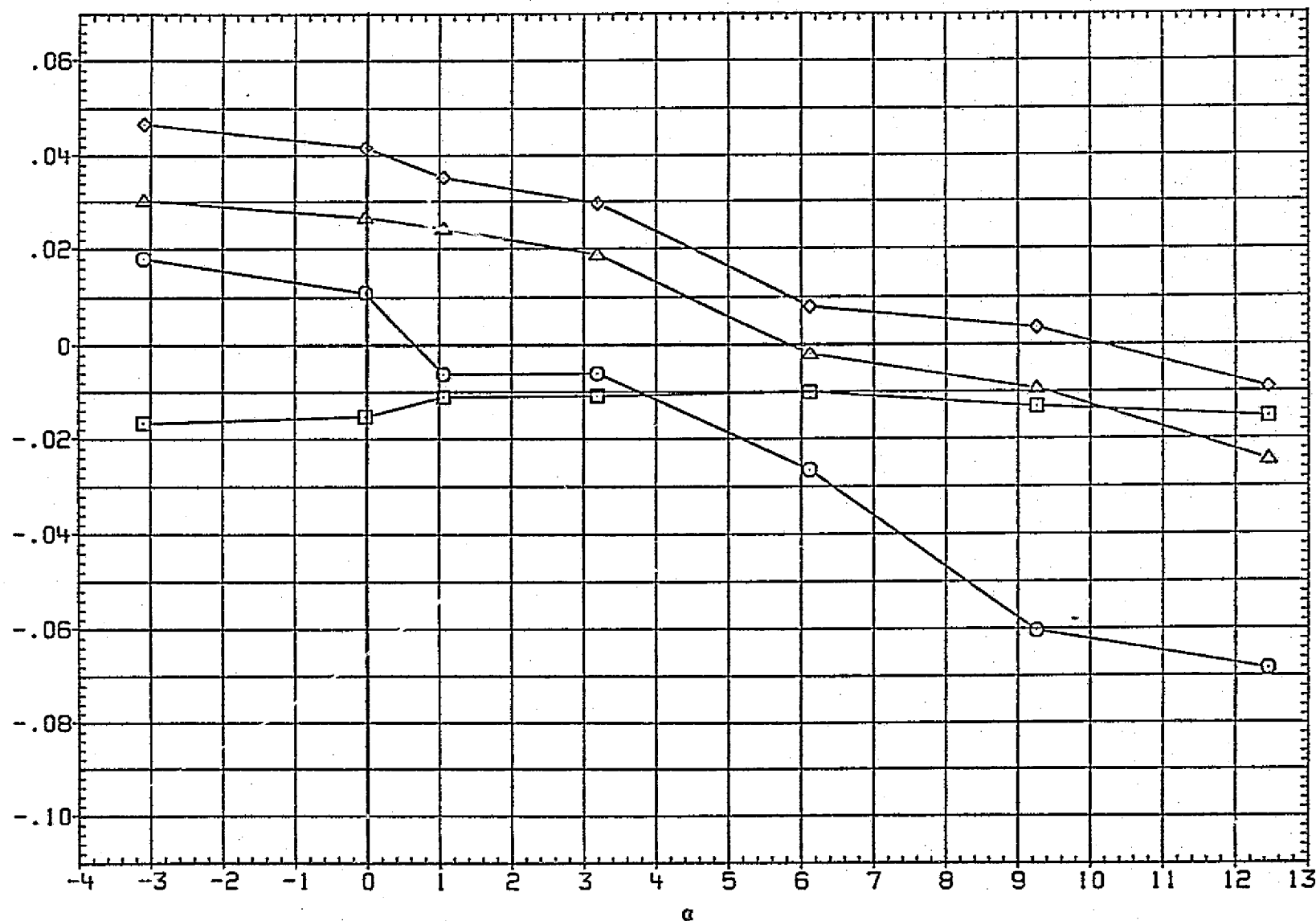


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ230) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.499 BETA .000
□	CRM C	D1 .000 D3 .000
◇	CRM T	D2 9.000 D4 9.000
△	CRM B	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

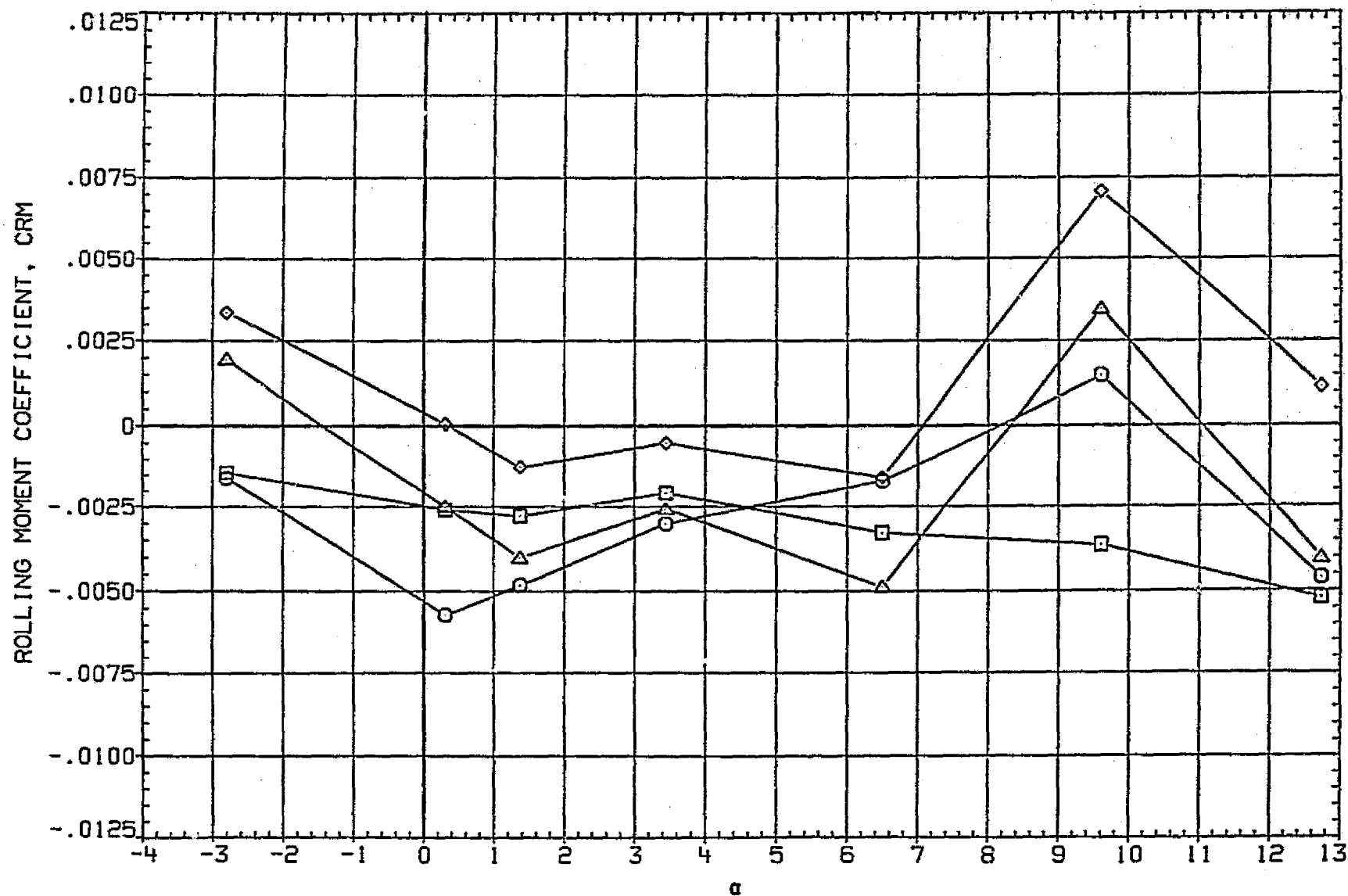


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ230) CONFIGURATION 13 (BN1C4T1)

SYMBOL		DATA	PARAMETRIC VALUES		
○	CRM	MACH	1.934	BETA	.000
□	CRMC	D1	.000	D3	.000
◇	CRMT	D2	9.000	D4	9.000
△	CRMB	D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

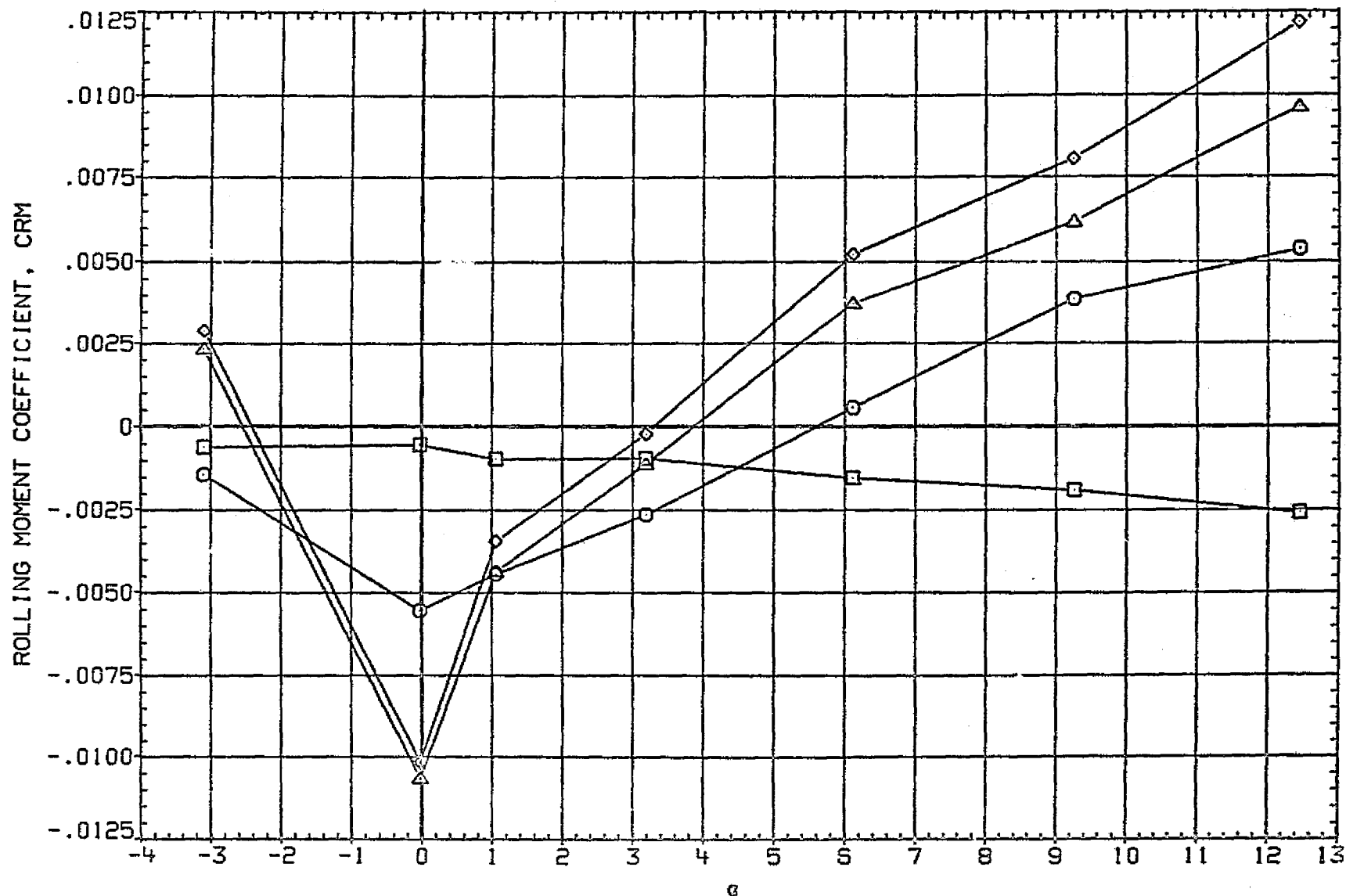


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.500	ETA	.000
□	CNC	D1	.000	D3	.000
◇	CN*	D2	15.000	D4	15.000
△	CN3	D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

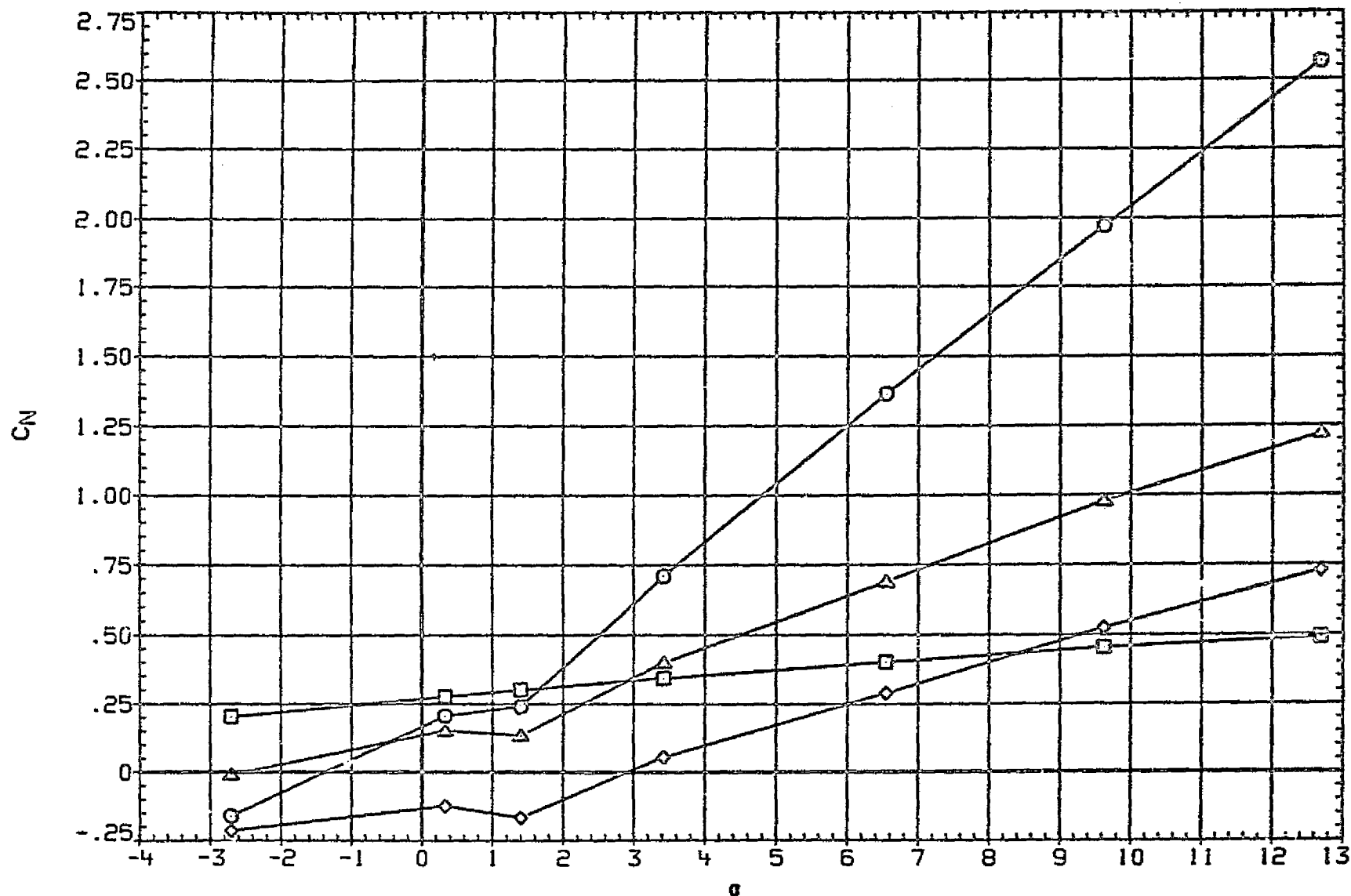


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.935 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 15.000 D4 15.000
△	CNS	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

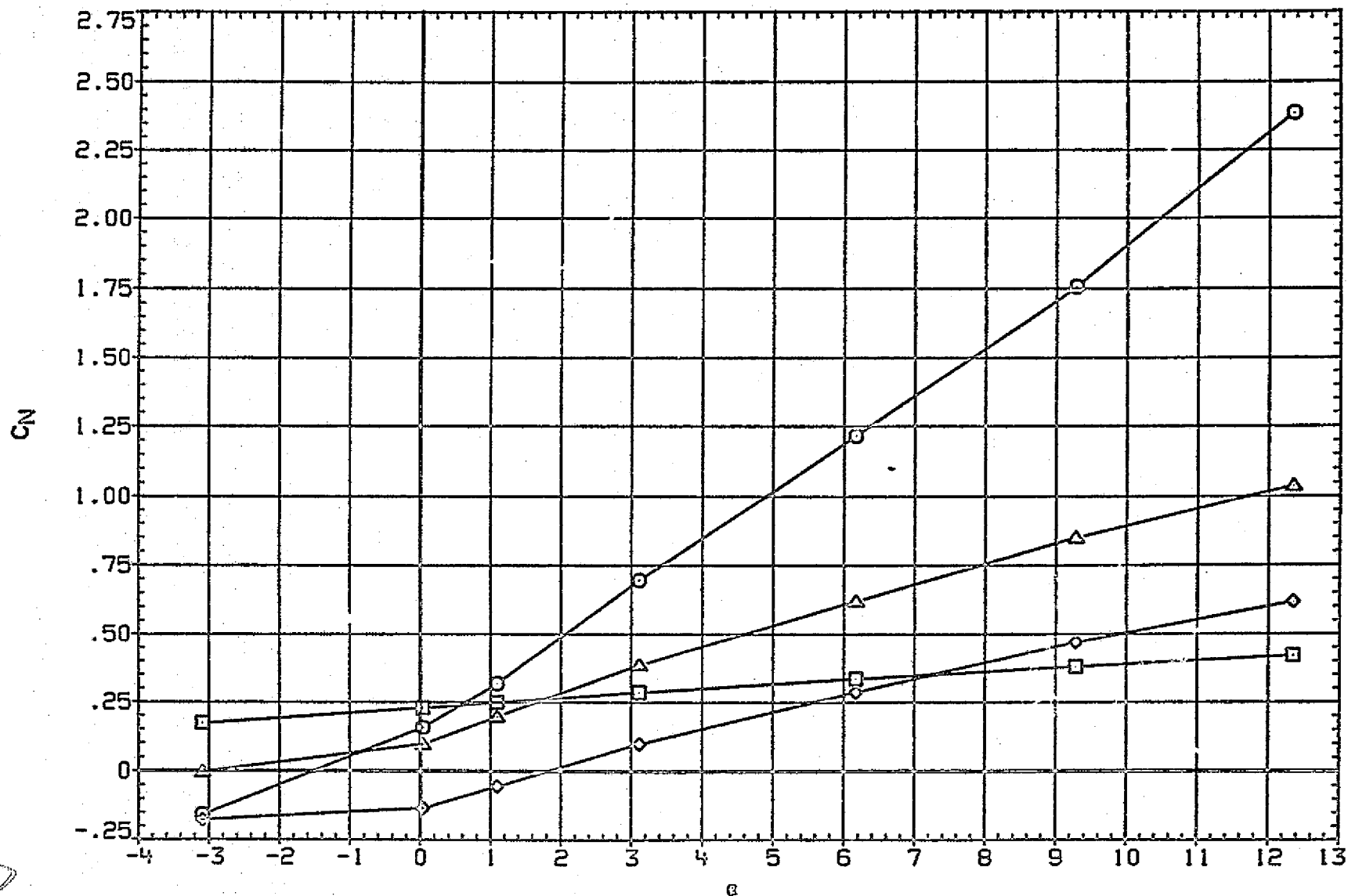


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ231) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
CM	HACH	1.500	BETA	.000	
CMC	D1	.000	D3	.000	
CMT	D2	15.000	D4	15.000	
△	D1-3	.000	D2-4	15.000	
◇	FH1-C	.000	FH1-T	.000	

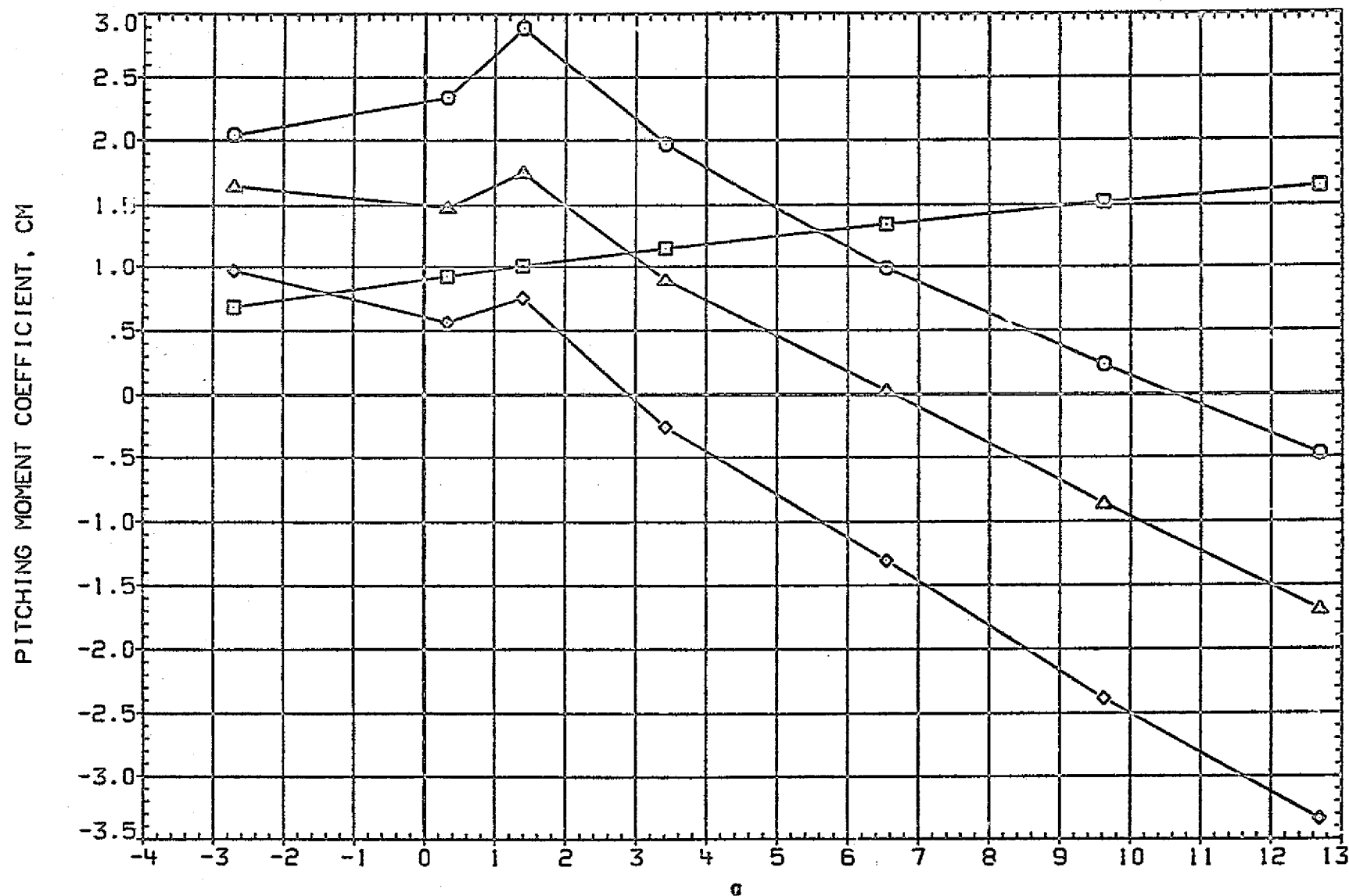


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.985	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CMT	D2	15.000	D4	15.000
△	CMS	C1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

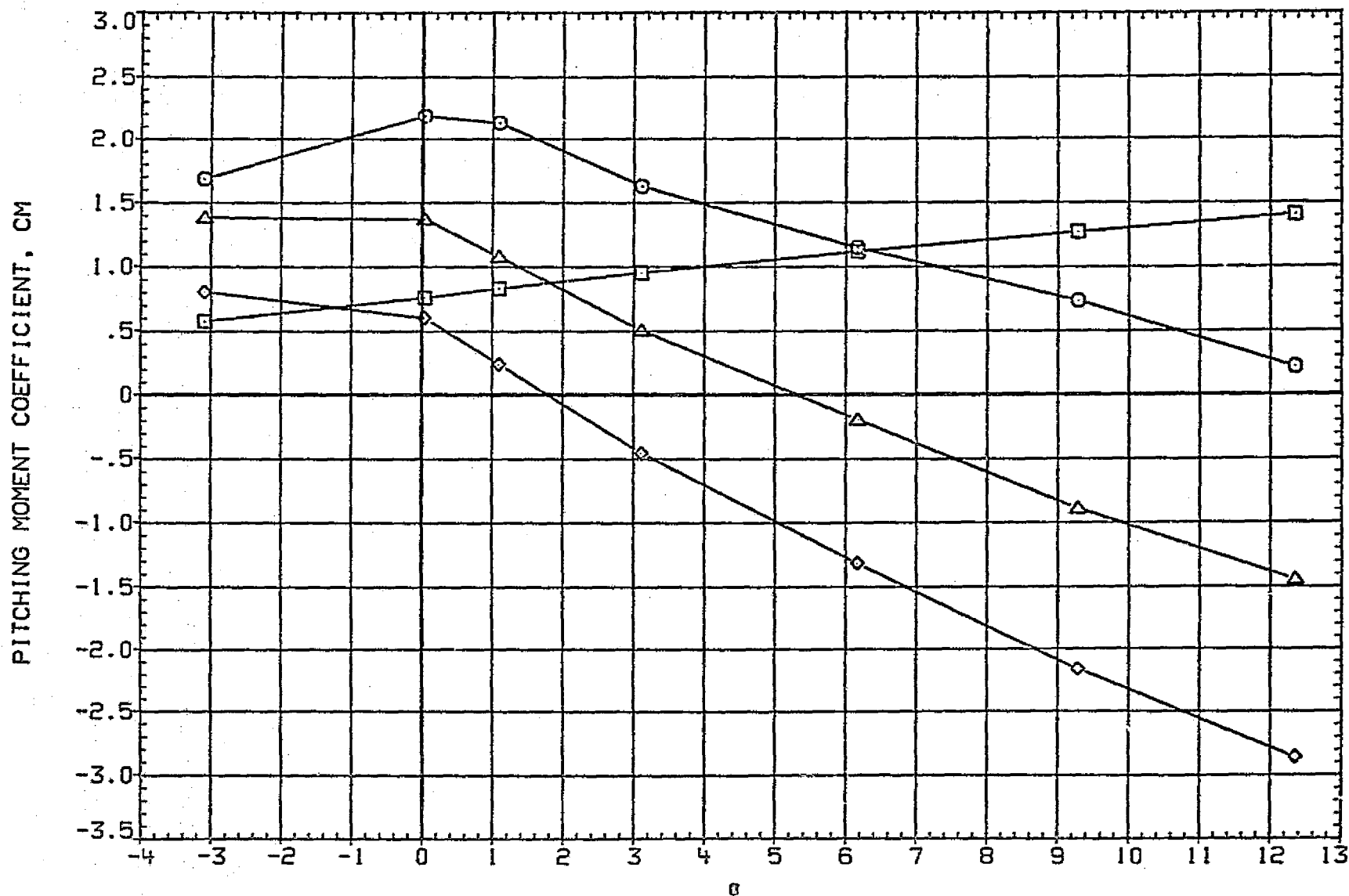


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.500	BETA	.000
		D1	.000	D3	.000
		D2	15.000	D4	15.000
		D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

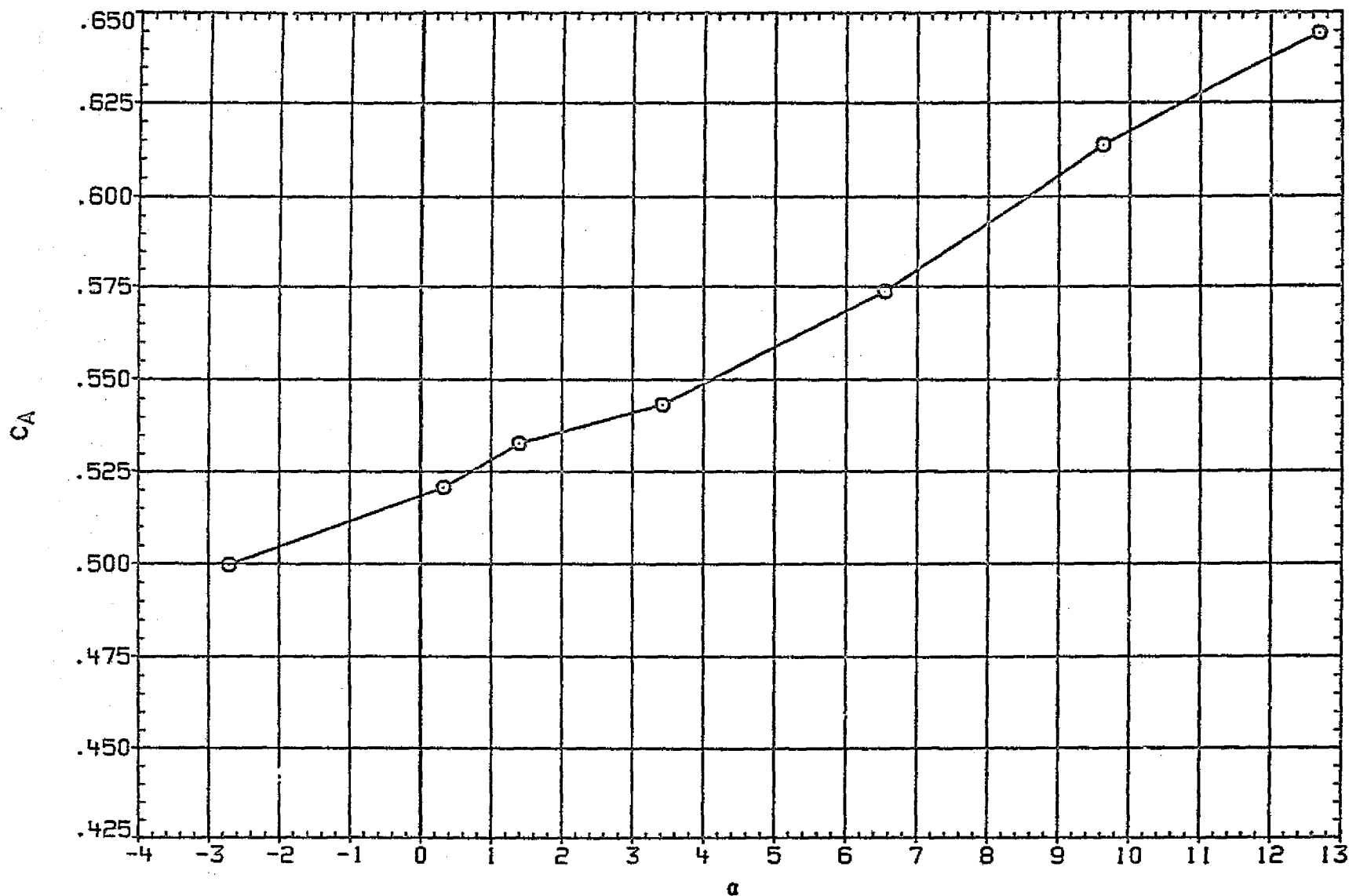


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ231) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.985	BETA	.000
		D1	.000	D3	.000
		D2	15.000	D4	15.000
		D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

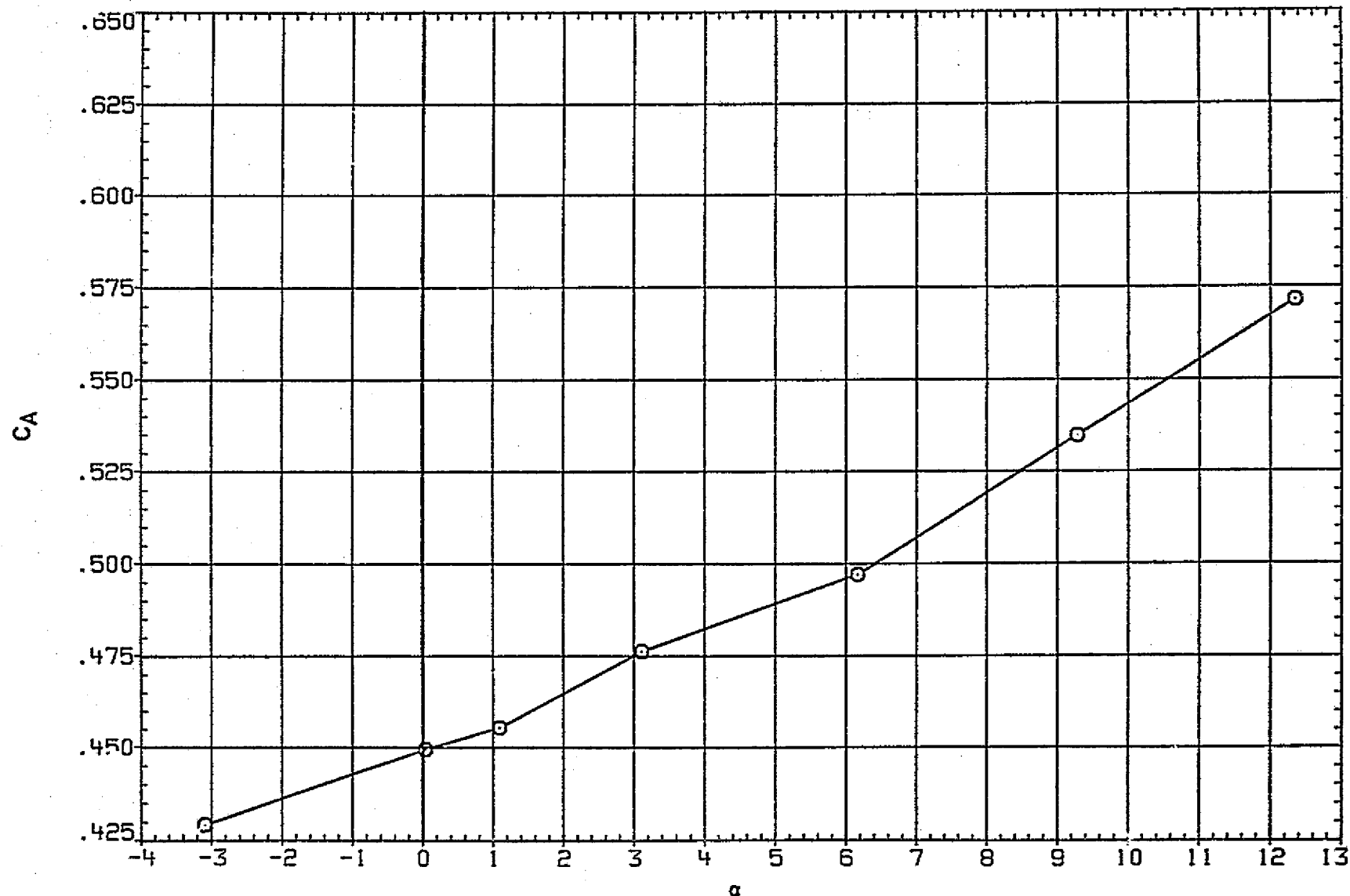


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.500 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 15.000 D4 15.000
△	CYB	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

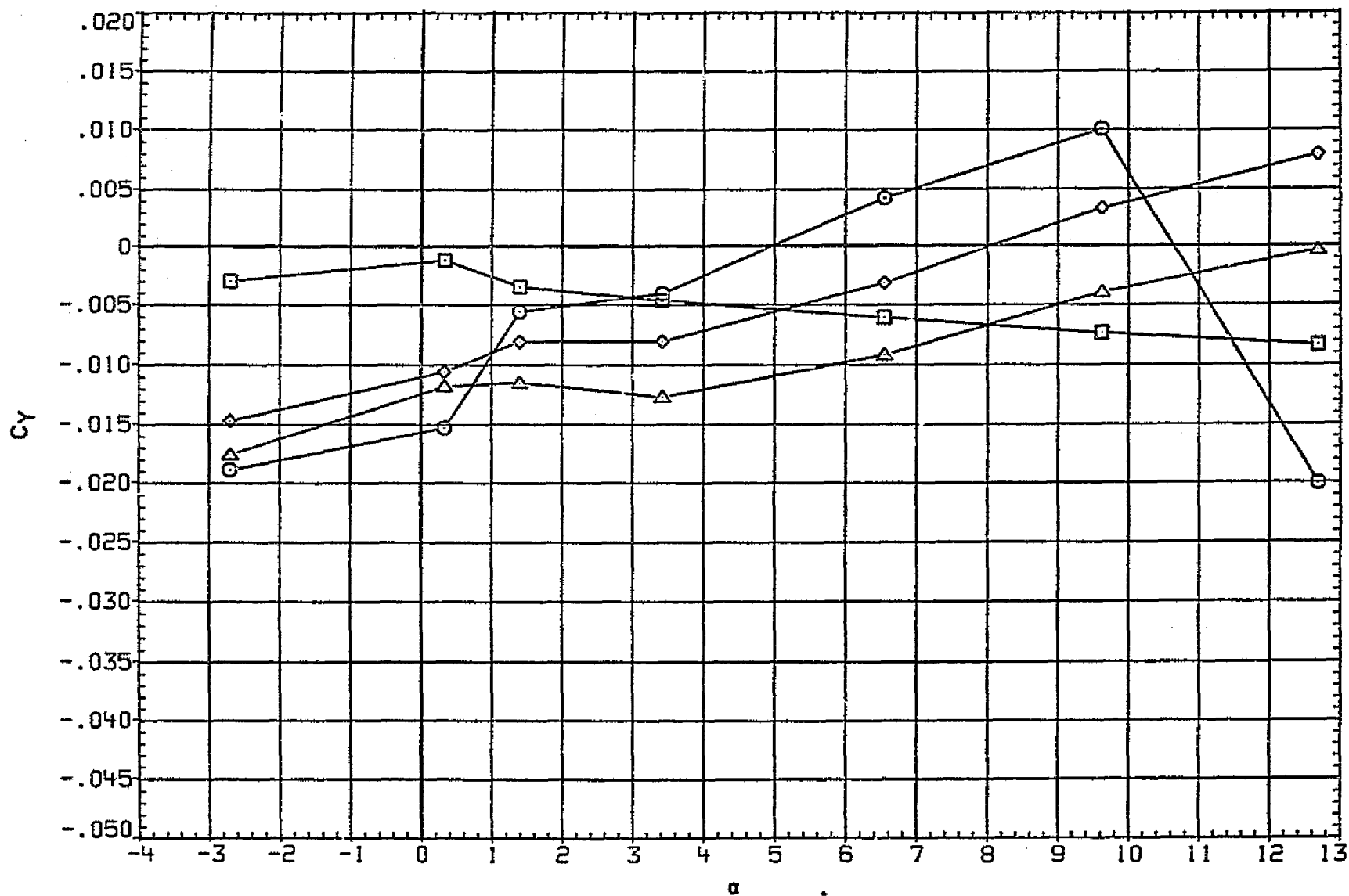


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.985 BETA .000
◇	CYC	D1 .000 D3 .000
□	CYT	D2 15.000 D4 15.000
△	CYB	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

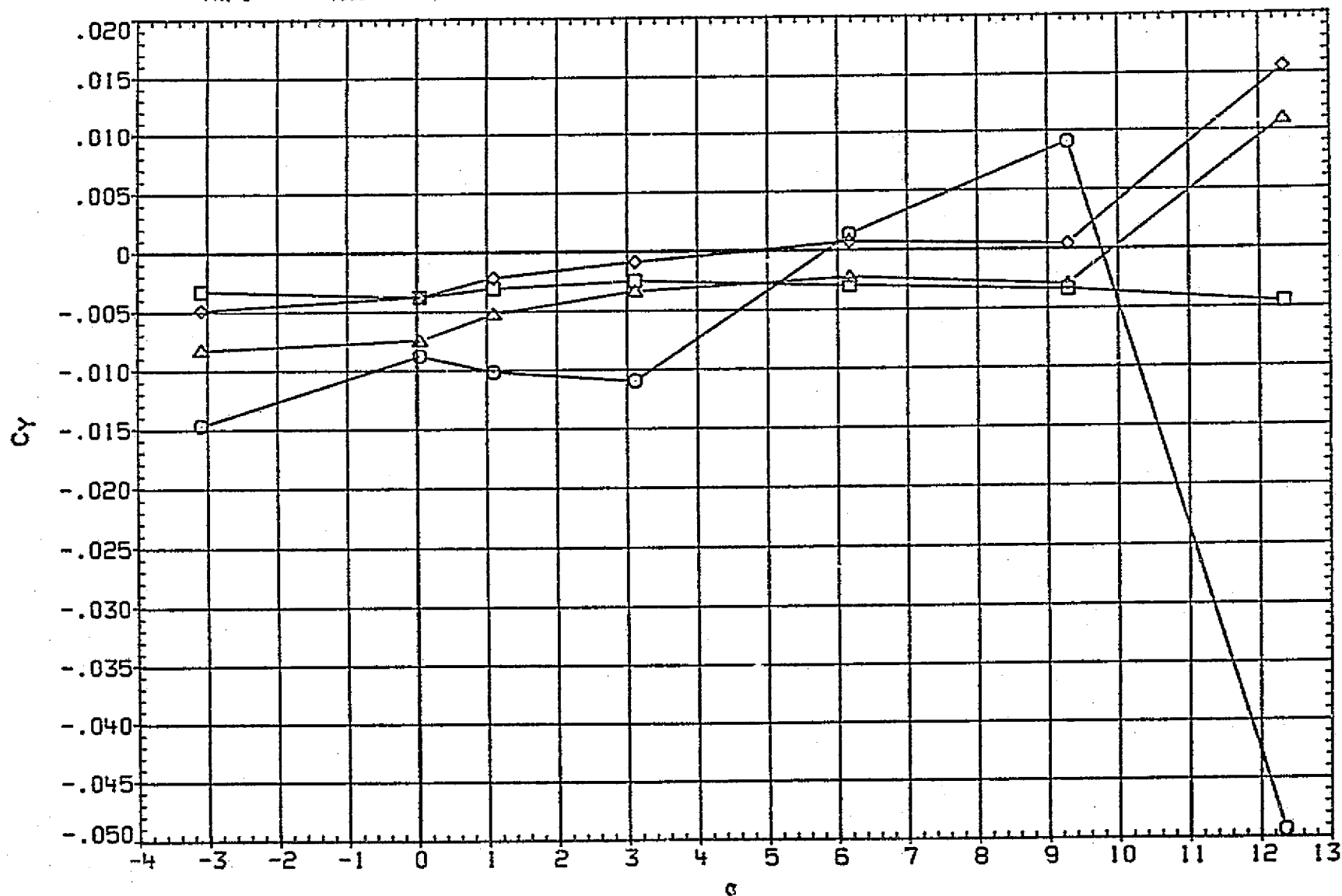


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
○	CYM	1.500	D1	.000
□	CYMC	.000	D3	.000
◇	CYMT	15.000	D4	15.000
△	CYMB	.000	D2-4	15.000
	PHI-C	.000	PHI-T	.000

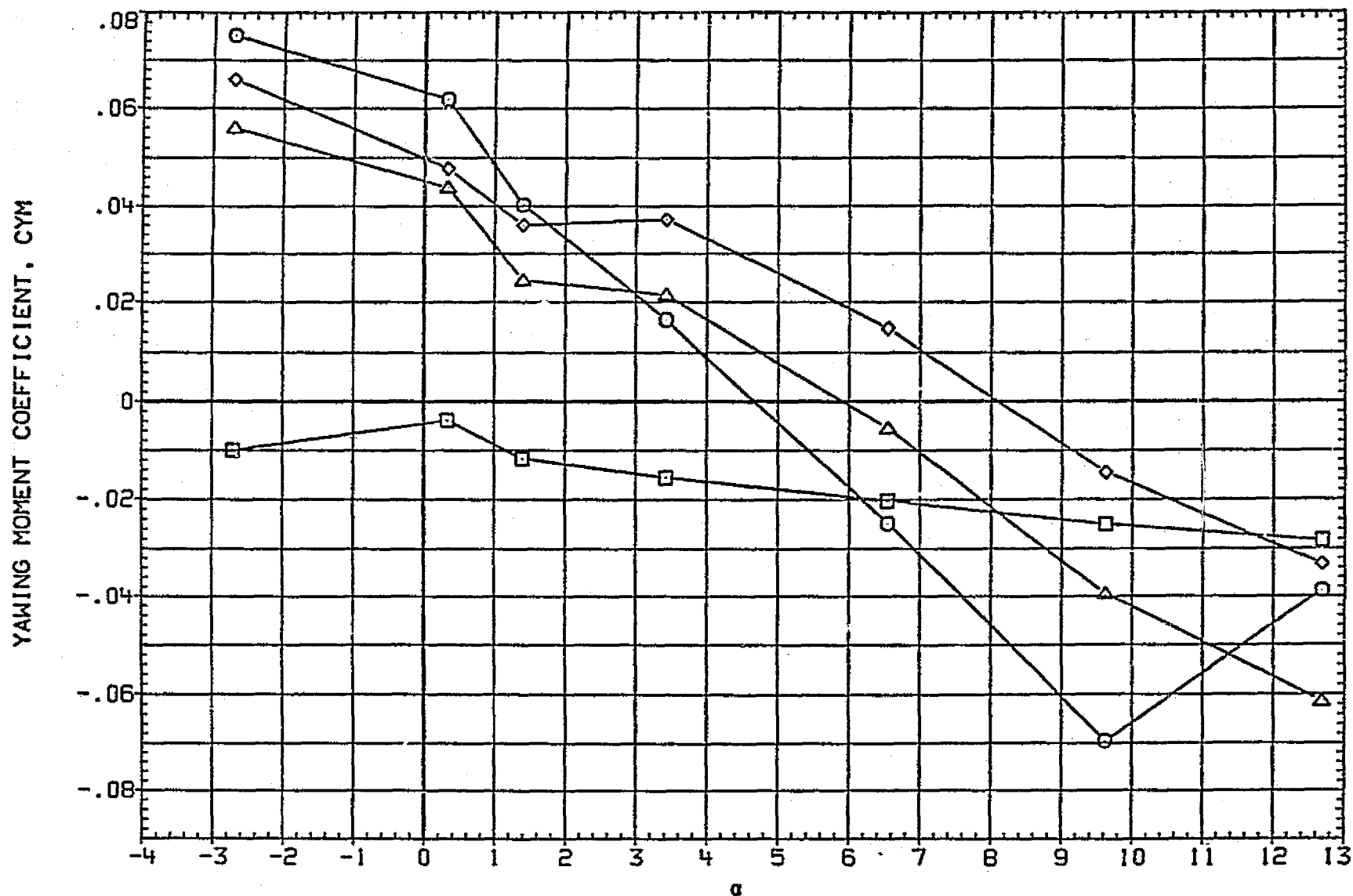


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.995 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 15.000 D4 15.000
△	CYMS	D1-3 .000 D2-4 15.000
	PHI-C	.000 PHI-T .000

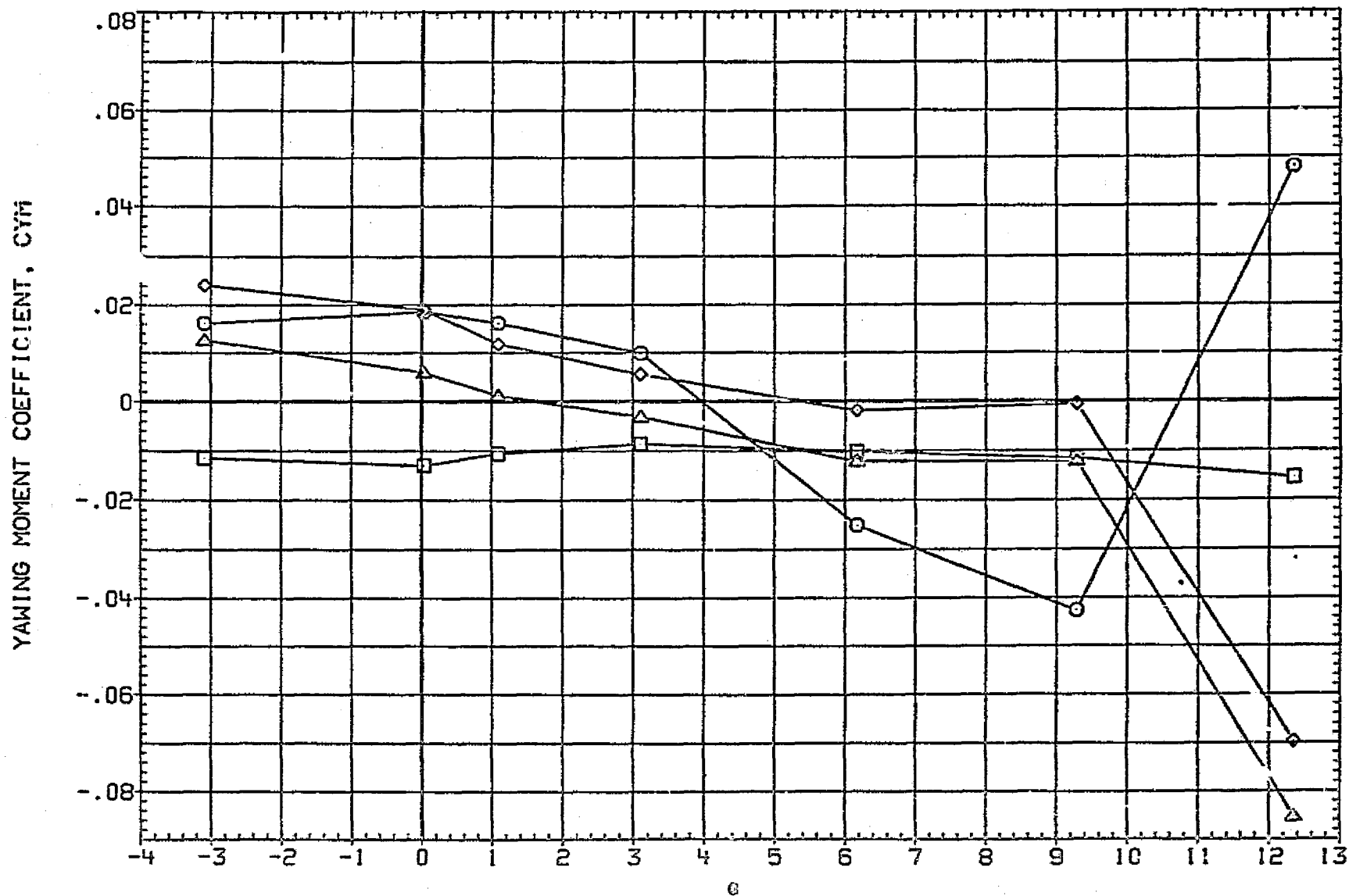


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
□	CRM	1.500	BETA .000
◇	CRM	.000	D3 .000
△	CRM	15.000	D4 15.000
○	CRM	.000	D2-4 15.000
	CRM	.000	PHI-T .000

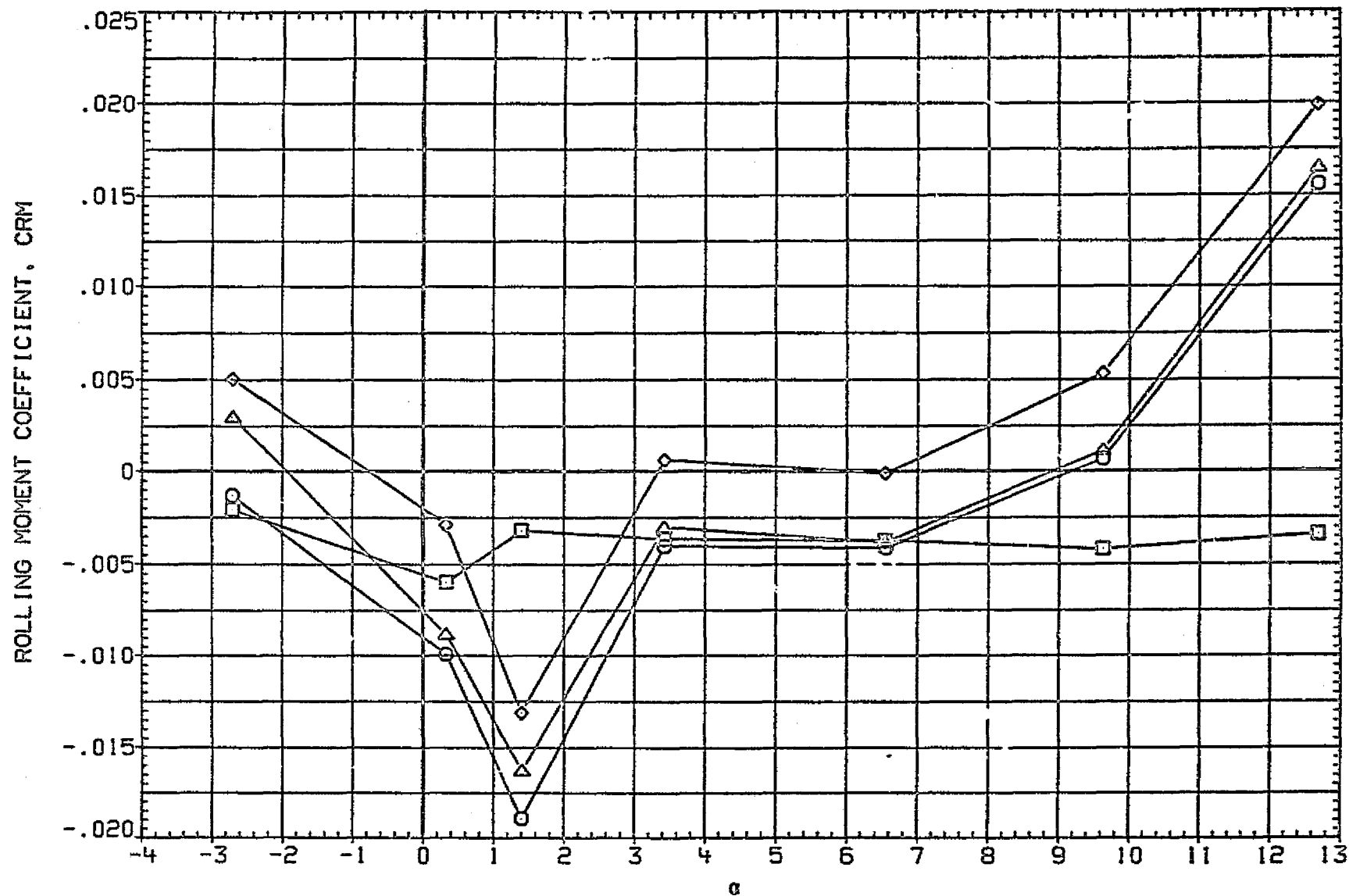


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ231) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.985 BETA .000
□	CRM	D1 .000 D3 .000
◇	CRM	D2 15.000 D4 15.000
△	CRM	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

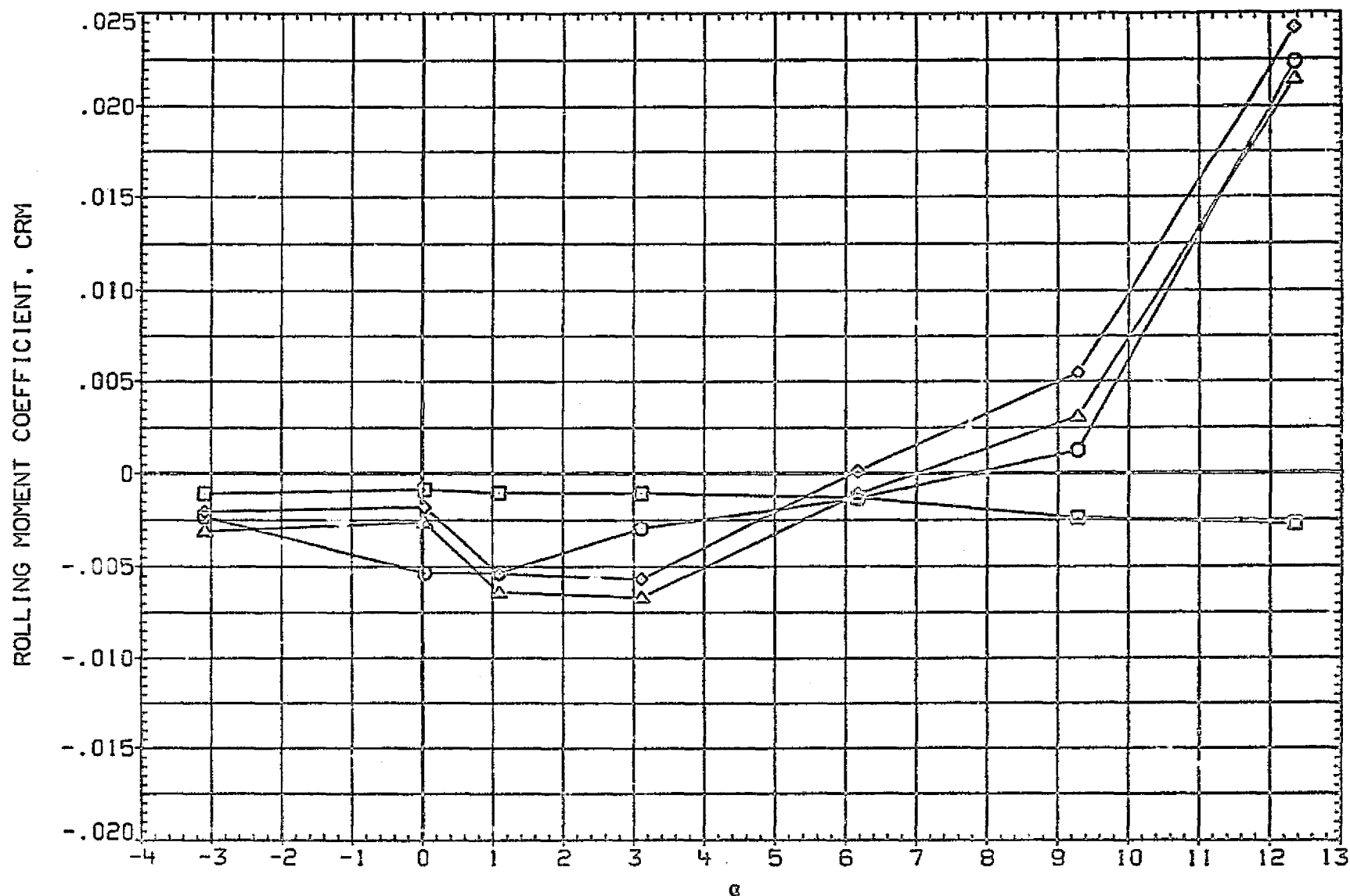


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.501	BETA	.000
□	CNC	D1	-3.000	D3	-3.000
◇	CNT	D2	-3.000	D4	-3.000
△	CN3	D1-3	-3.000	D2-4	-3.000
		PHI-C	45.000	PHI-T	.000

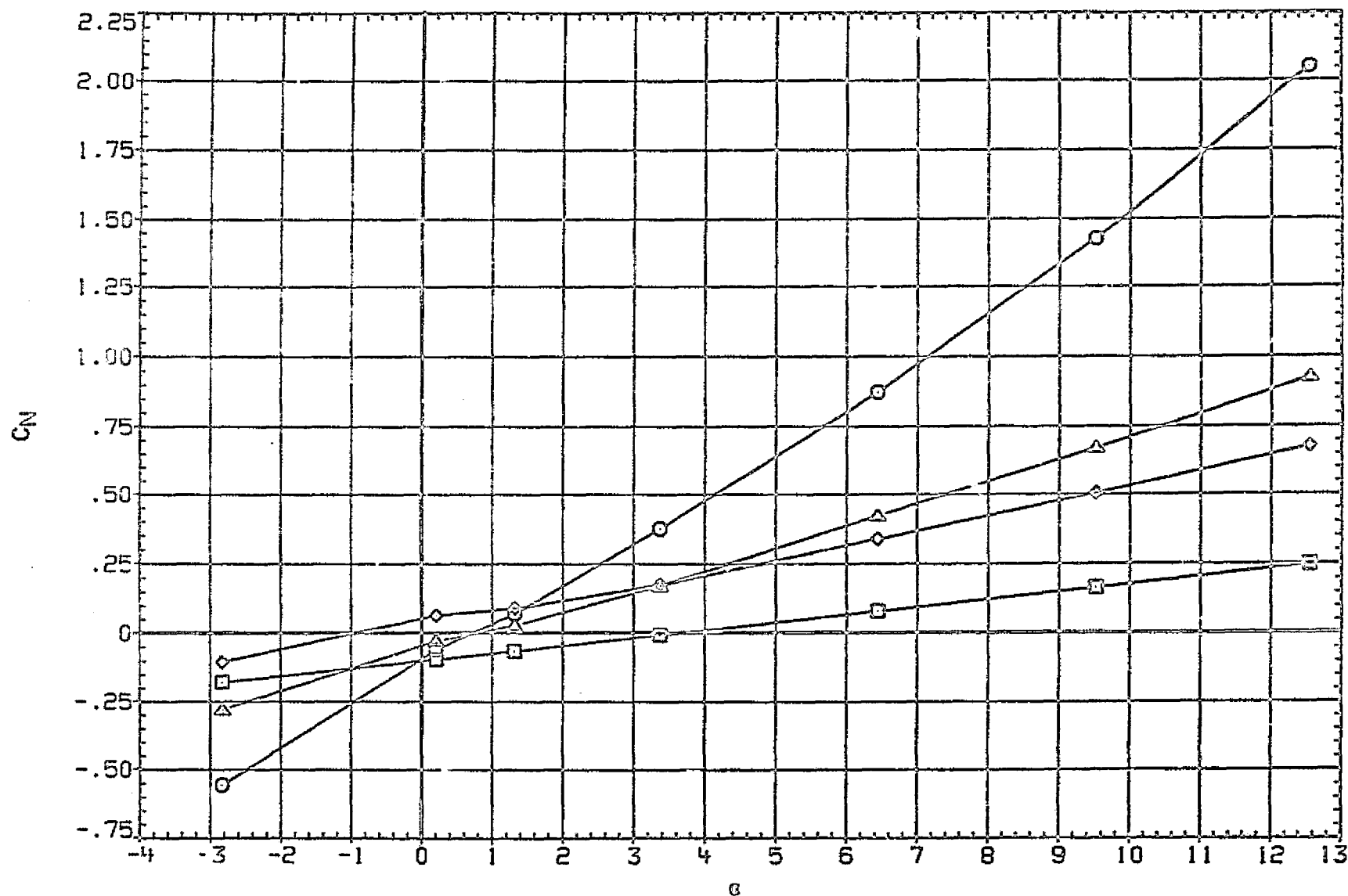


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.993 BETA .000
□	CNC	D1 -3.000 D3 -3.000
◇	CNT	D2 -3.000 D4 -3.000
△	CNB	D1-3 -3.000 D2-4 -3.000
		PHI-C 45.000 PHI-T .000

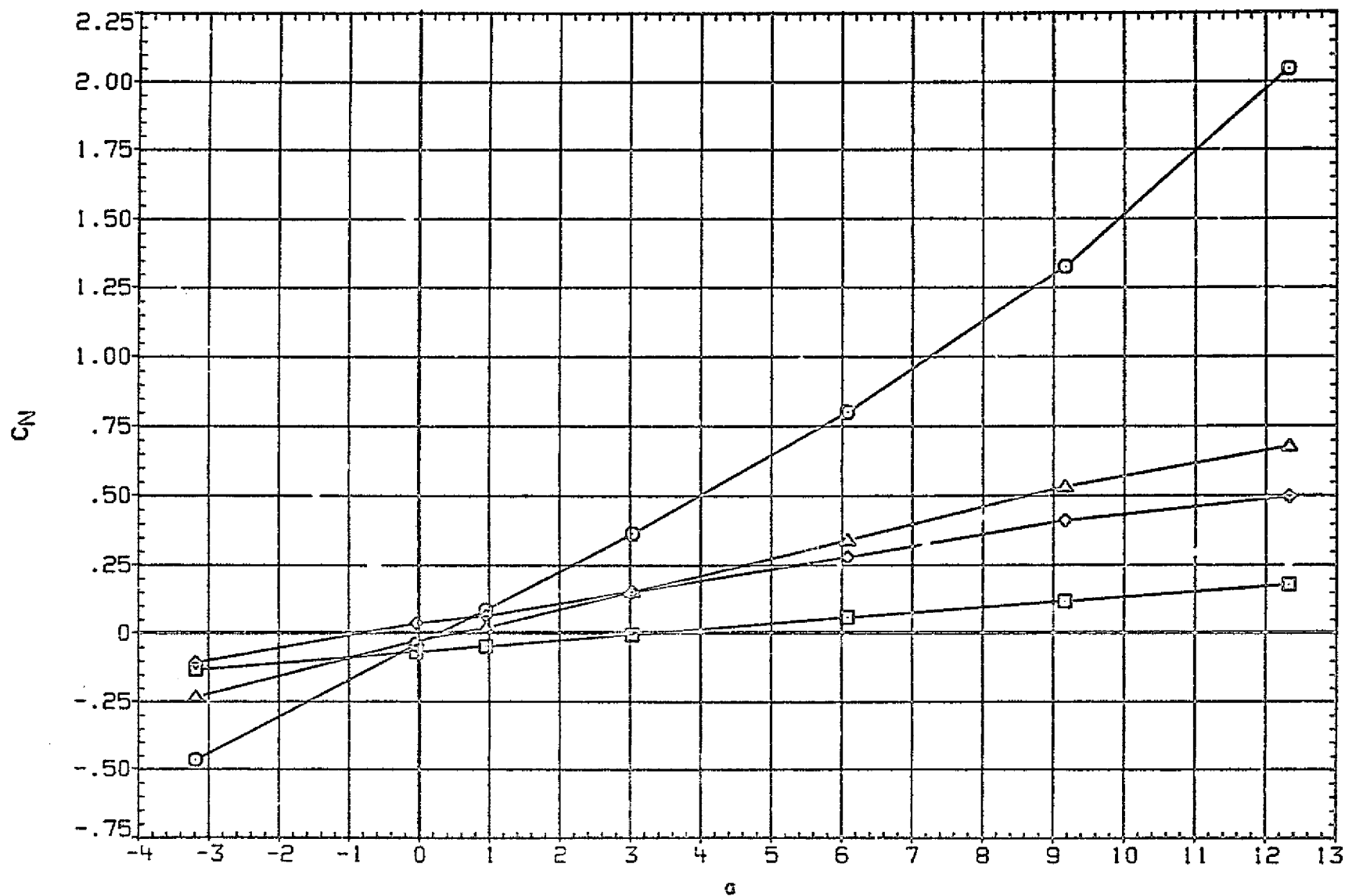


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.501
□	CMC	D1 -3.000
◇	CMT	D2 -3.000
△	CM3	D1-3 -3.000
		D2-4 -3.000
		PHI-C 45.000
		PHI-T .000

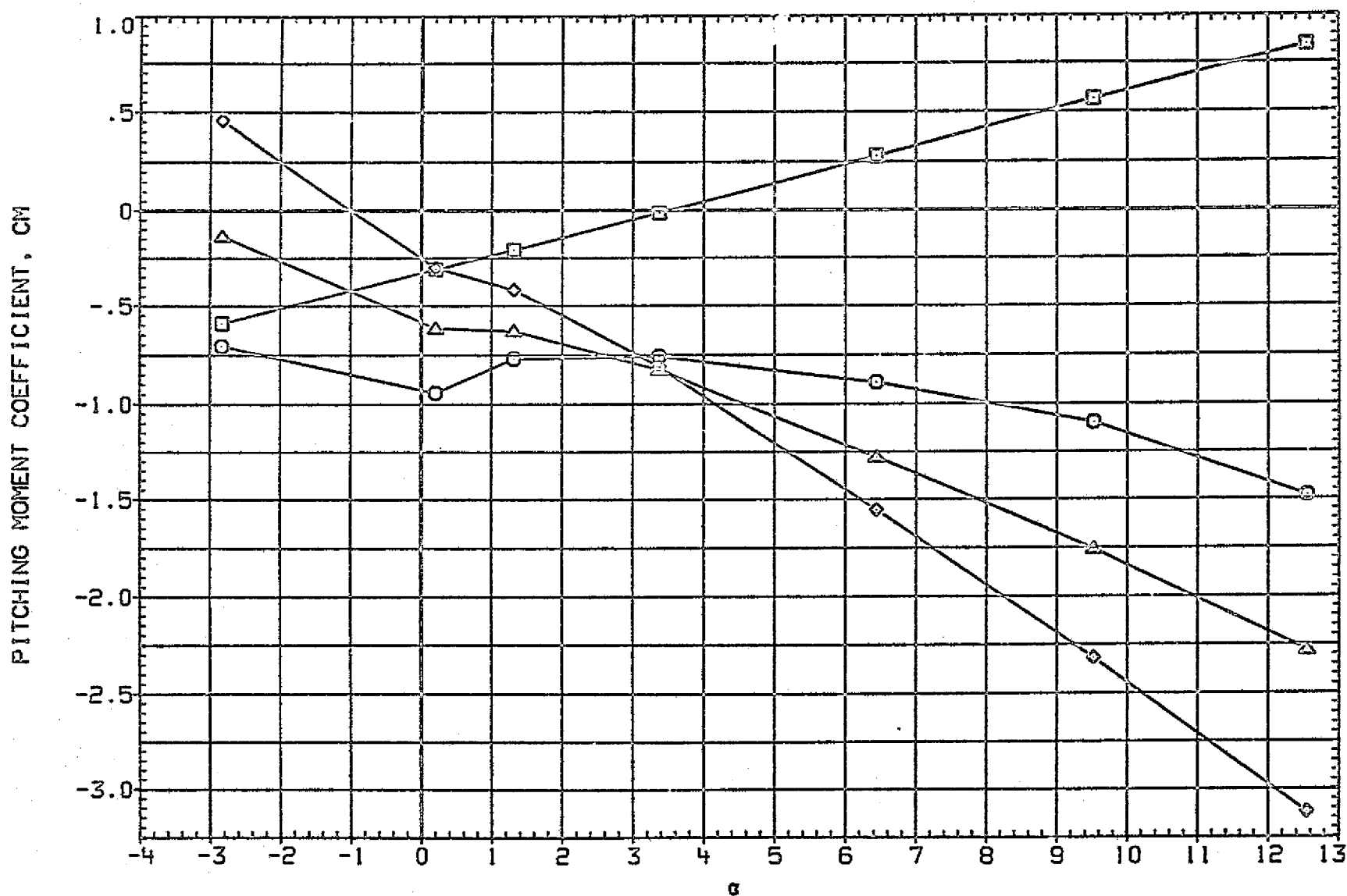


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ232) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CH	HACH 1.993 BETA .000
□	CMC	D1 -3.000 D3 -3.000
◇	CHT	D2 -3.000 D4 -3.000
△	CMC	D1-3 -3.000 D2-4 -3.000
	PHI-C	45.000 PHI-T .000

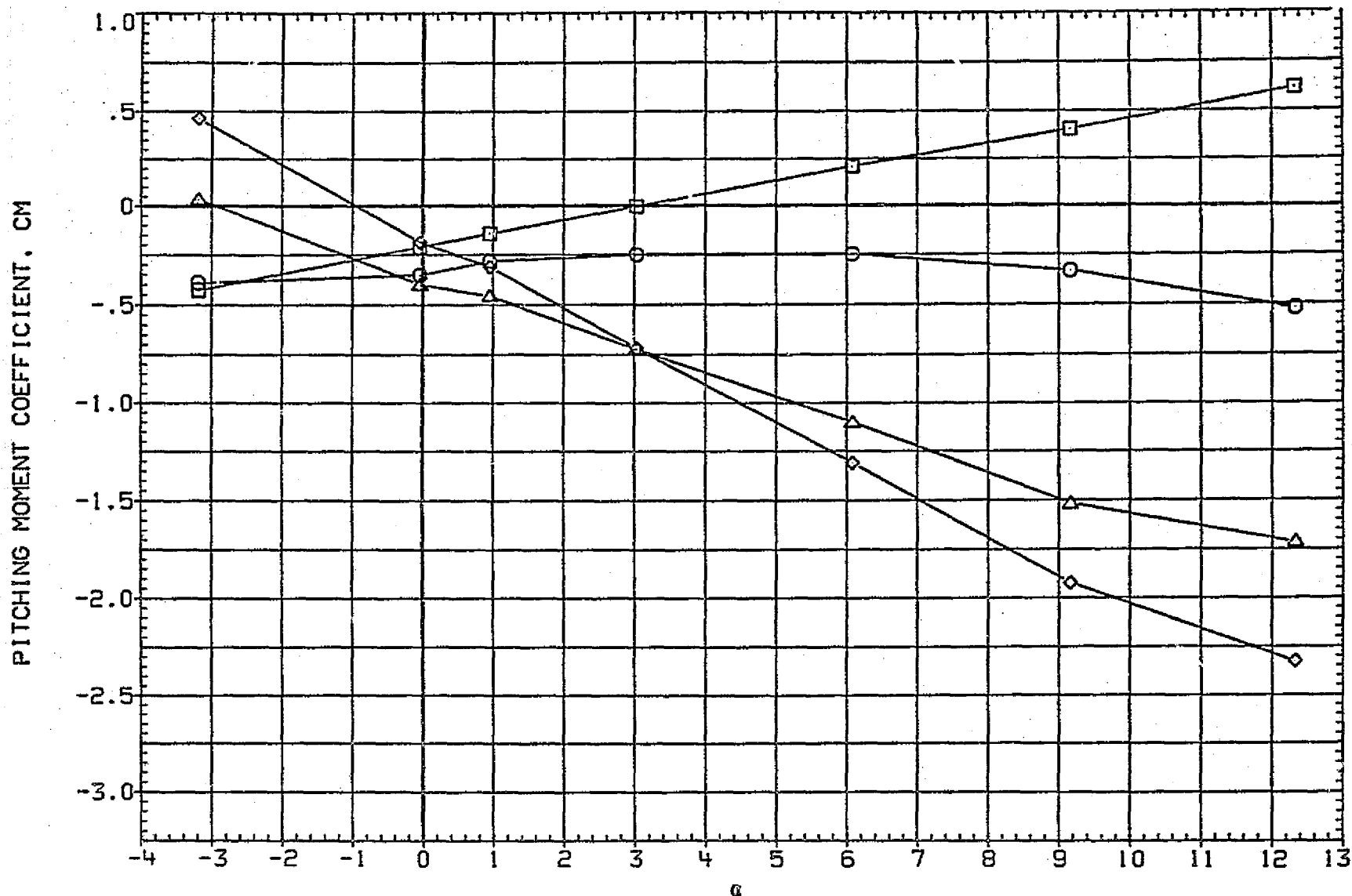


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.501	BETA	.000
		D1	-3.000	D3	-3.000
		D2	-3.000	D4	-3.000
		D1-3	-3.000	D2-4	-3.000
		PHI-C	45.000	PHI-T	.000

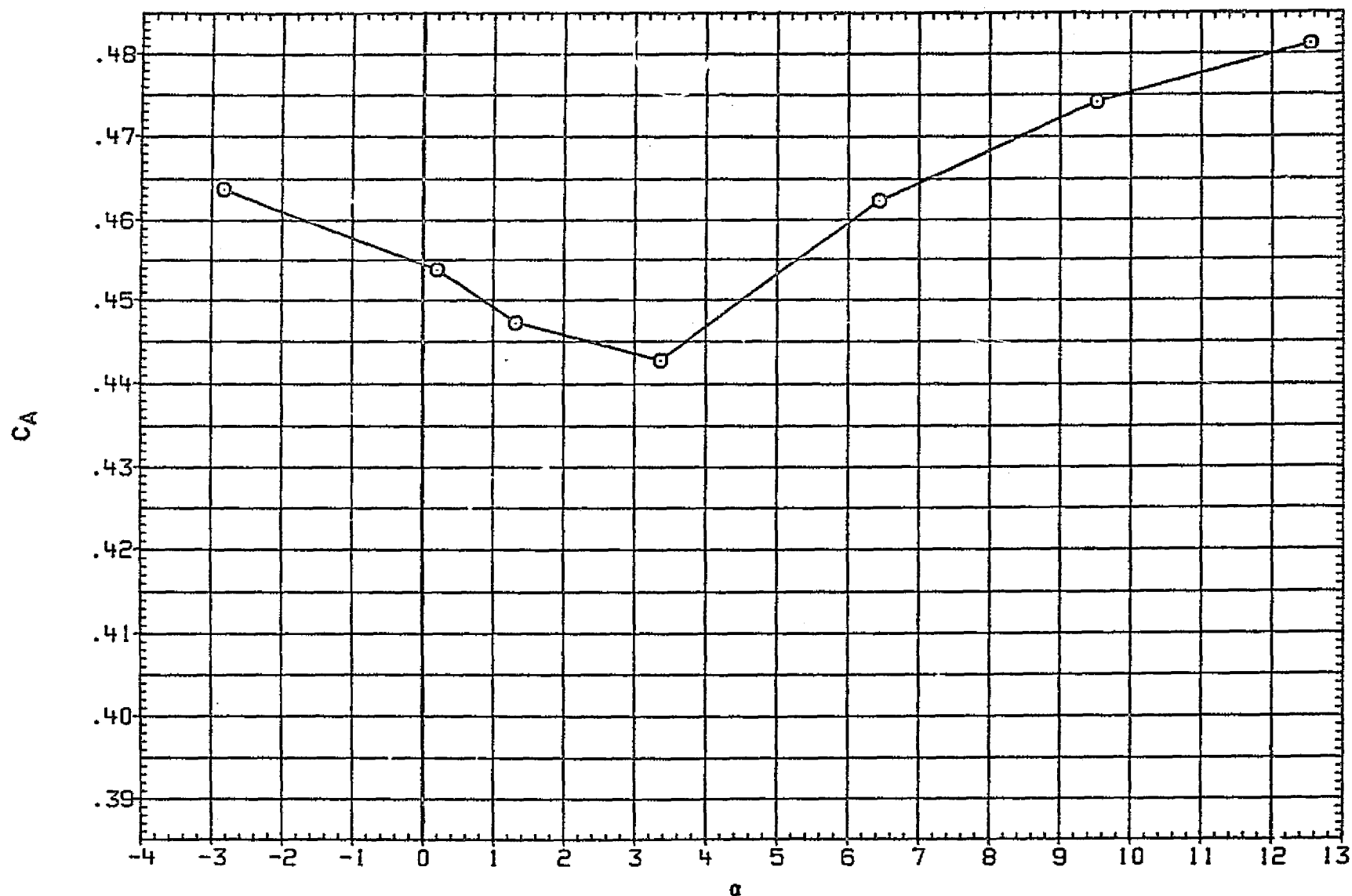


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.993	BETA	.000
		D1	-3.000	D3	-3.000
		D2	-3.000	D4	-3.000
		D1-3	-3.000	D2-4	-3.000
		PHI-C	45.000	PHI-T	.000

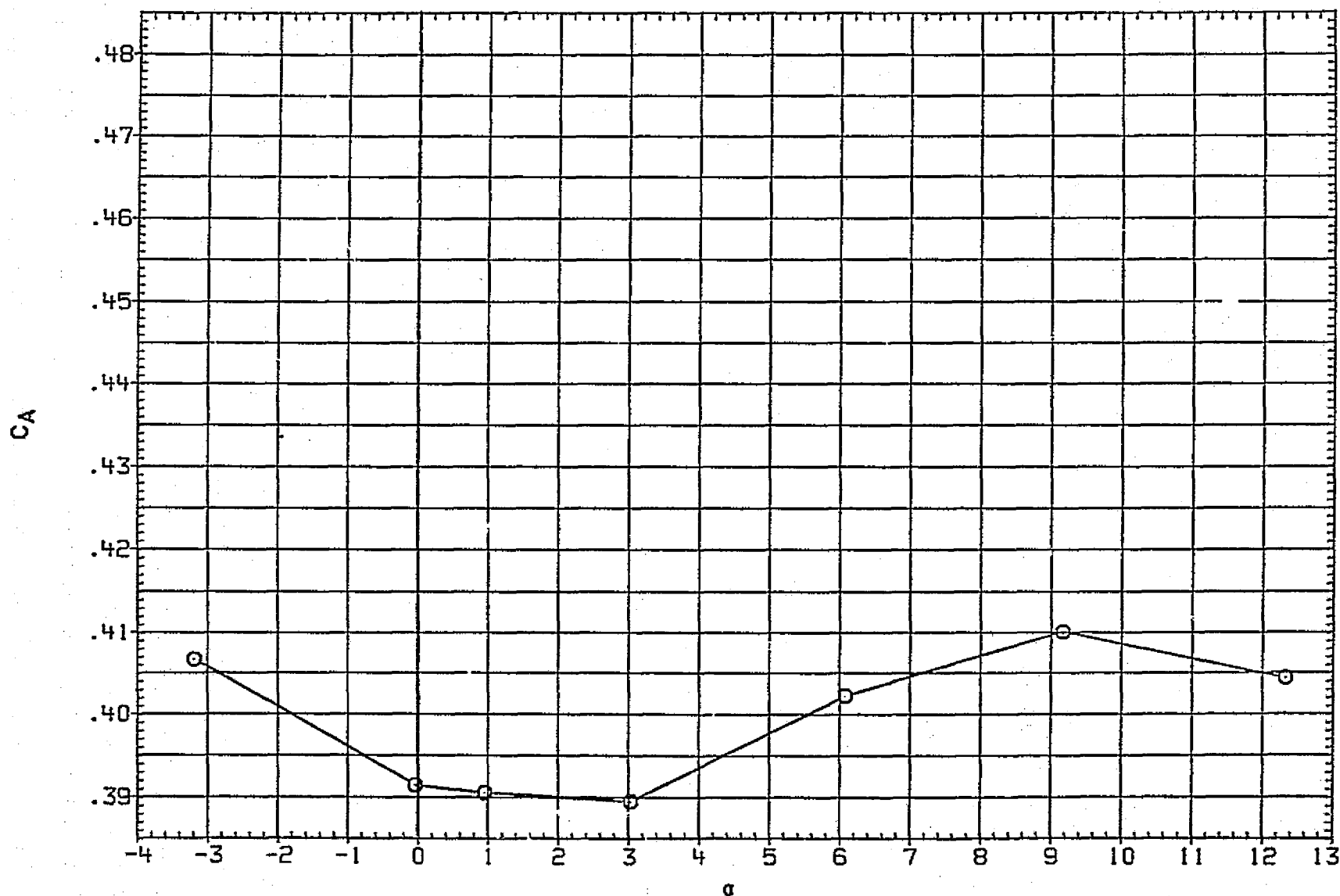


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL		DATA		PARAMETRIC VALUES	
○	CY	MACH	1.501	BETA	.000
□	CYC	D1	-3.000	D3	-3.000
◇	CYT	D2	-3.000	D4	-3.000
△	CYB	D1-3	-3.000	D2-4	-3.000
		PHI-C	45.000	PHI-T	.000

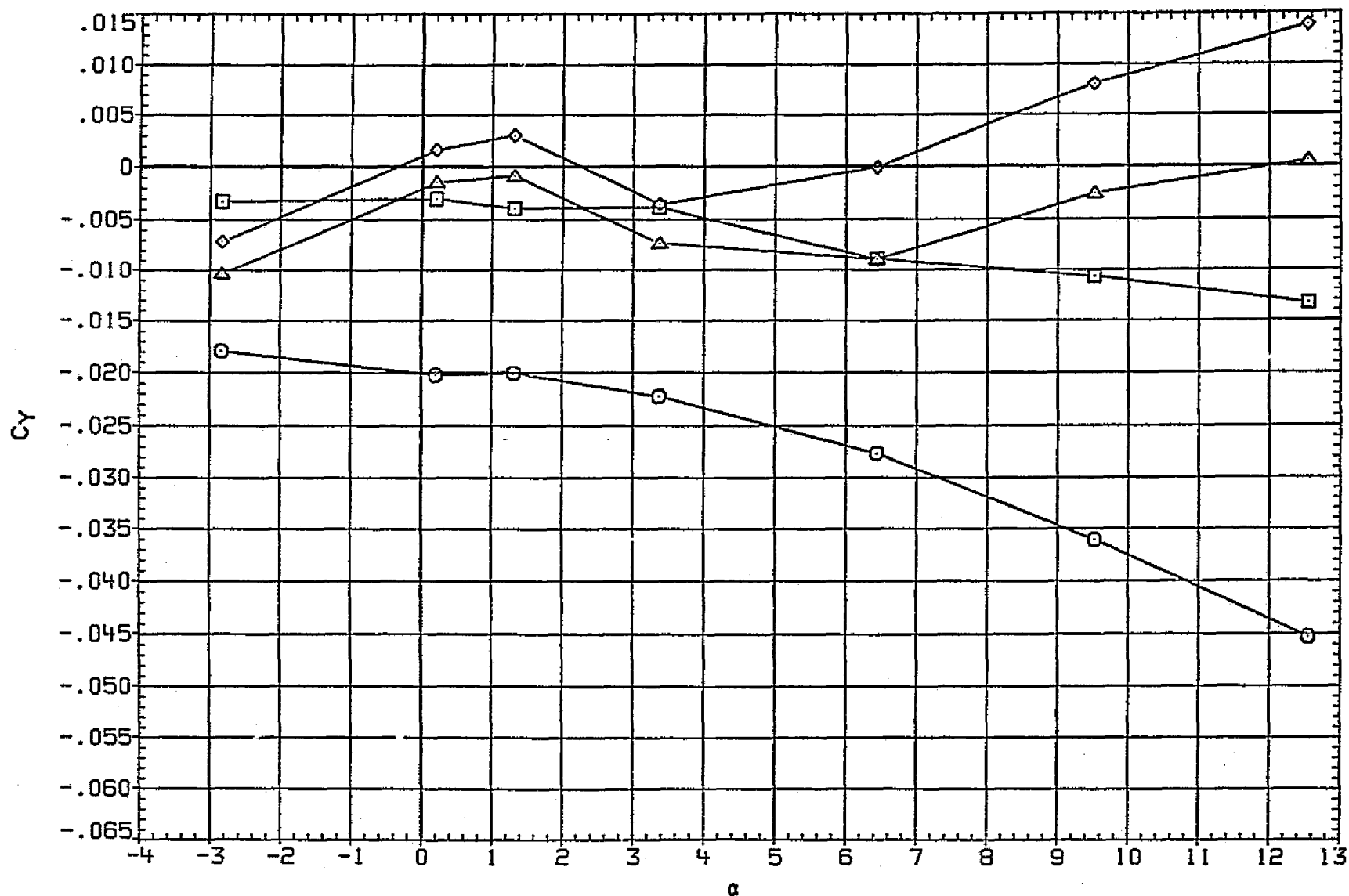


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.993 BETA .000
□	CYC	D1 -3.000 D3 -3.000
◇	CYT	D2 -3.000 D4 -3.000
△	CYB	D1-3 -3.000 D2-4 -3.000
		PHI-C 45.000 PHI-T .000

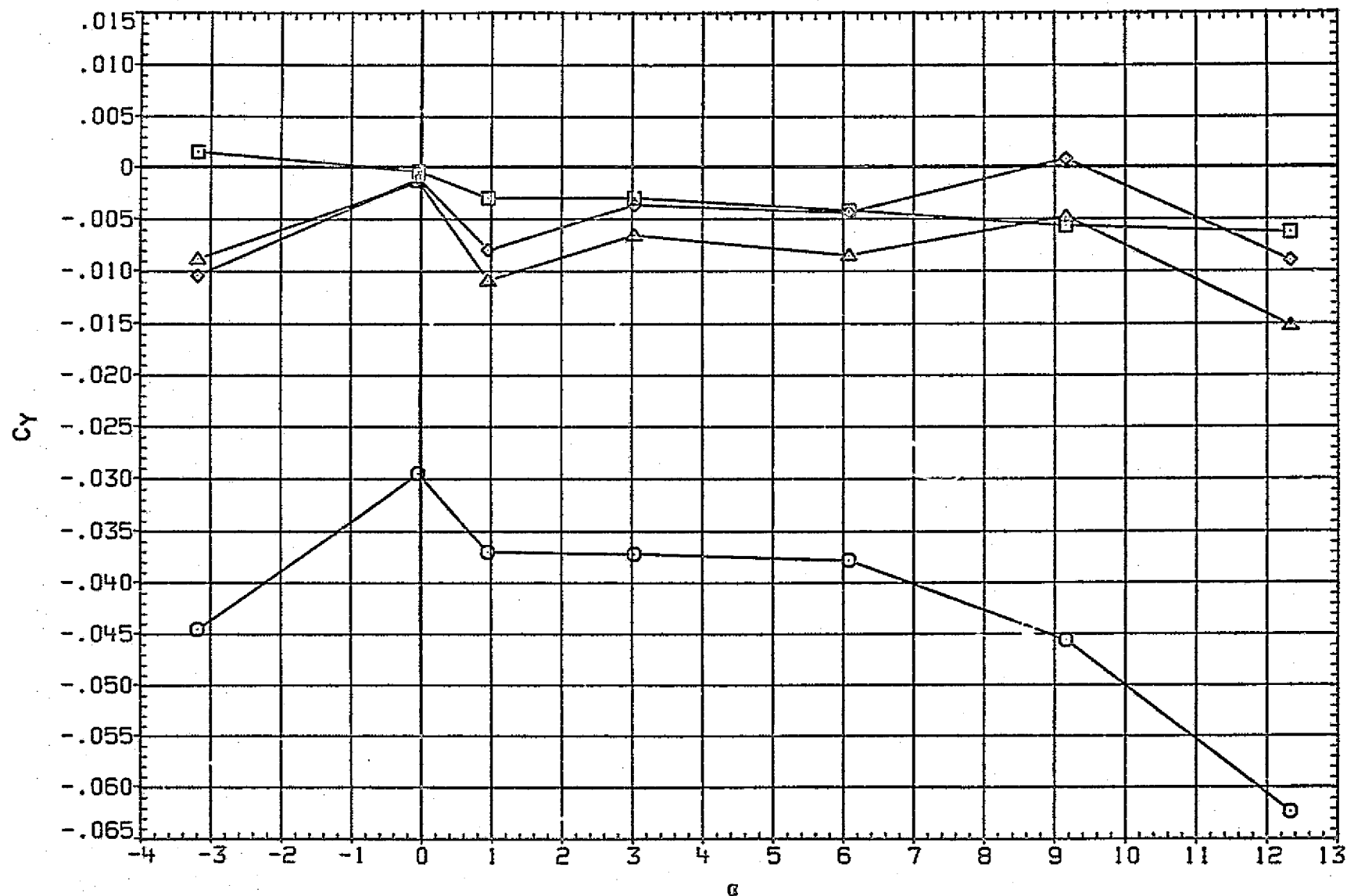


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
◇	CYM	MACH	1.501	BETA	.000
□	CYMC	D1	-3.000	D3	-3.000
△	CYMT	D2	-3.000	D4	-3.000
○	CYMB	D1-3	-3.000	D2-4	-3.000
		PHI-C	45.000	PHI-T	.000

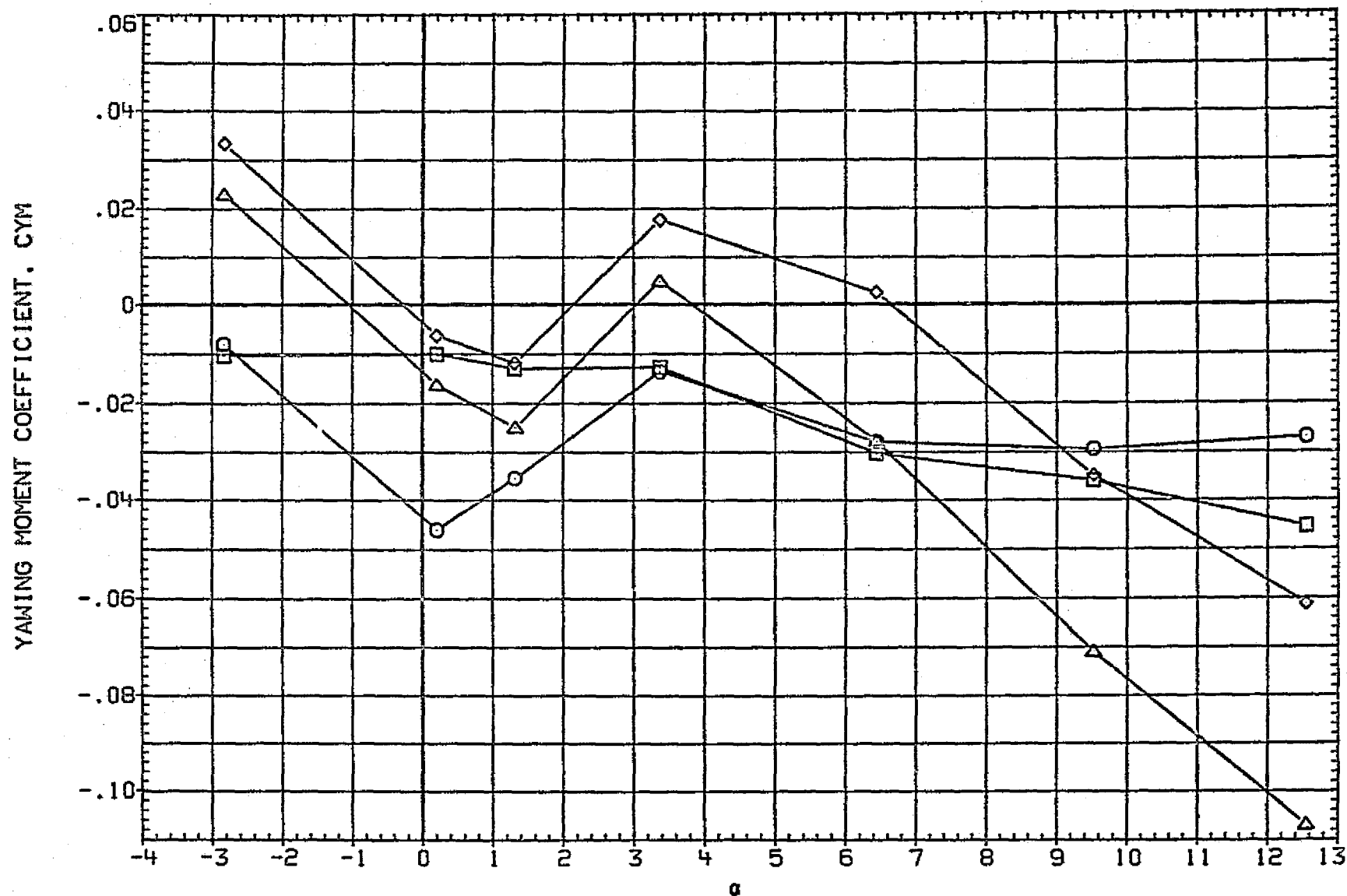


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ232) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
◇	CYM	MACH	1.993	BETA	.000
□	CYHC	D1	-3.000	D3	-3.000
△	CYMT	D2	-3.000	D4	-3.000
	CYMB	D1-3	-3.000	D2-4	-3.000
		PHI-C	45.000	PHI-T	.000

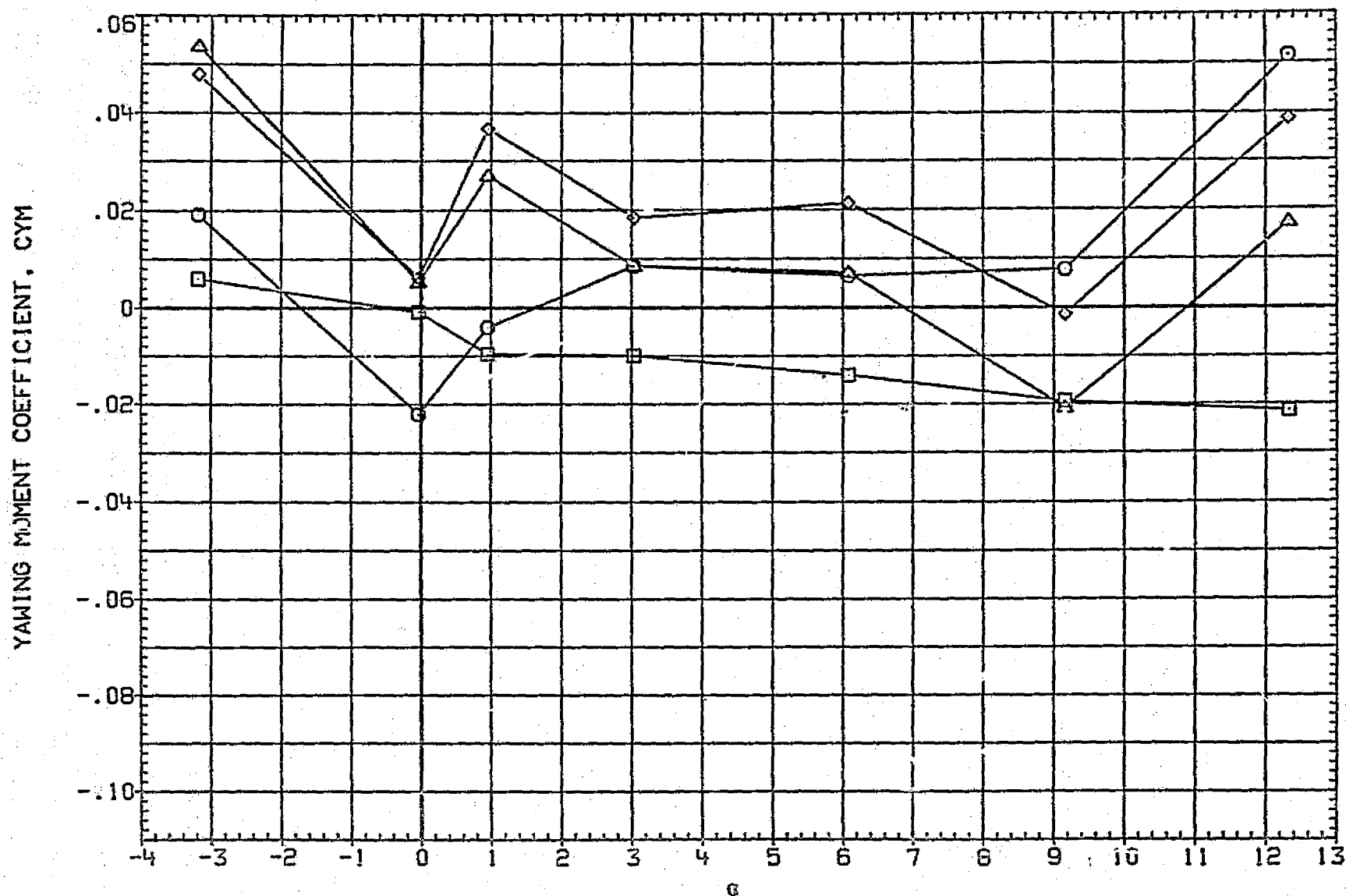


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CRM	1.501	BETA .000
□	CRM	01	-3.000 03 -3.000
◇	CRM	02	-3.000 04 -3.000
△	CRM	D1-3	-3.000 02-4 -3.000
	CRM	PHI-C	45.000 PHI-T .000

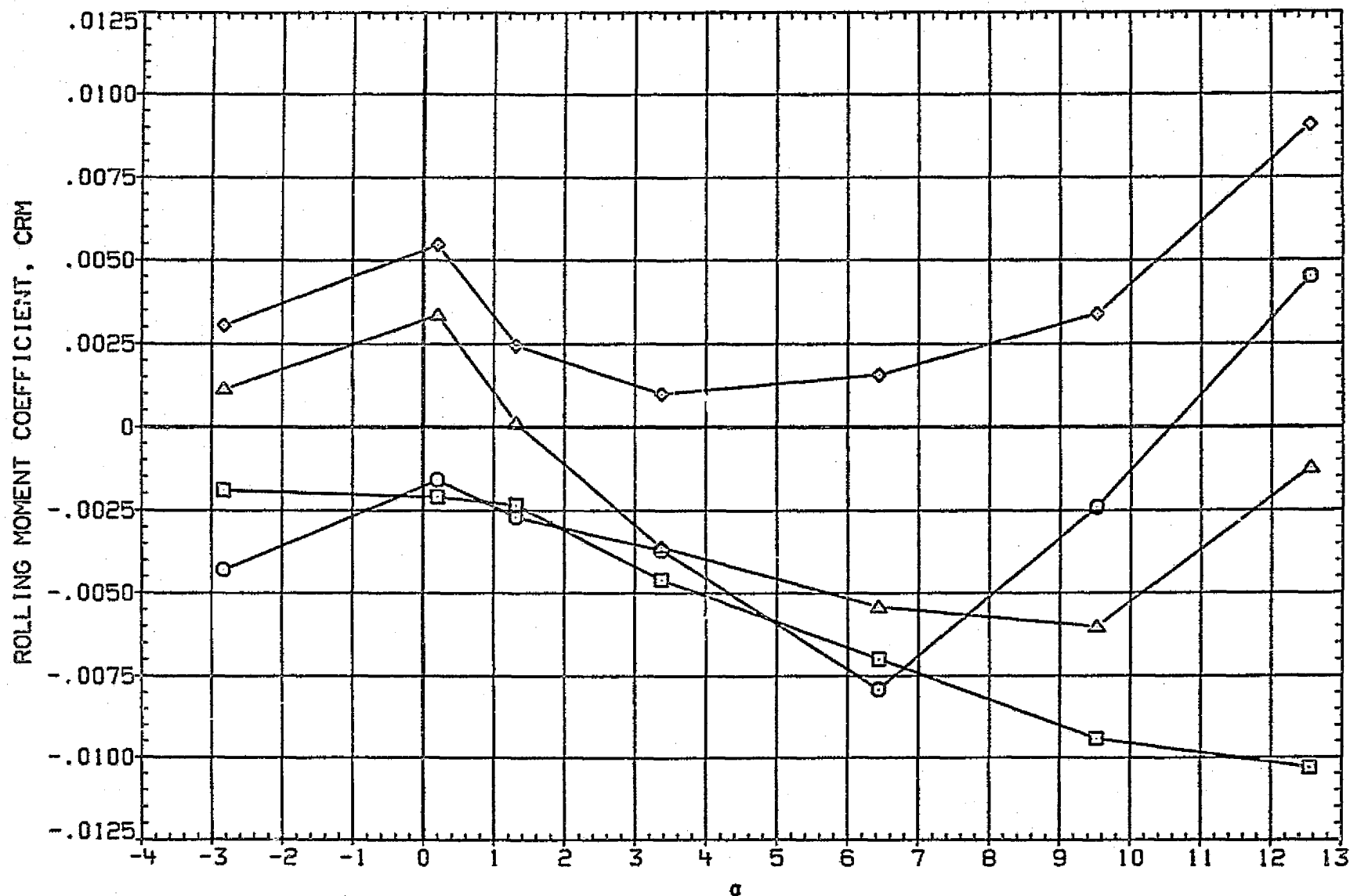


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ232) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
□	CRM	1.993	BETA .000
◇	CRM	D1 -3.000	D3 -3.000
△	CRM	D2 -3.000	D4 -3.000
◇	CRM	D1-3 -3.000	D2-4 -3.000
△	CRM	PHI-C 45.000	PHI-T .000

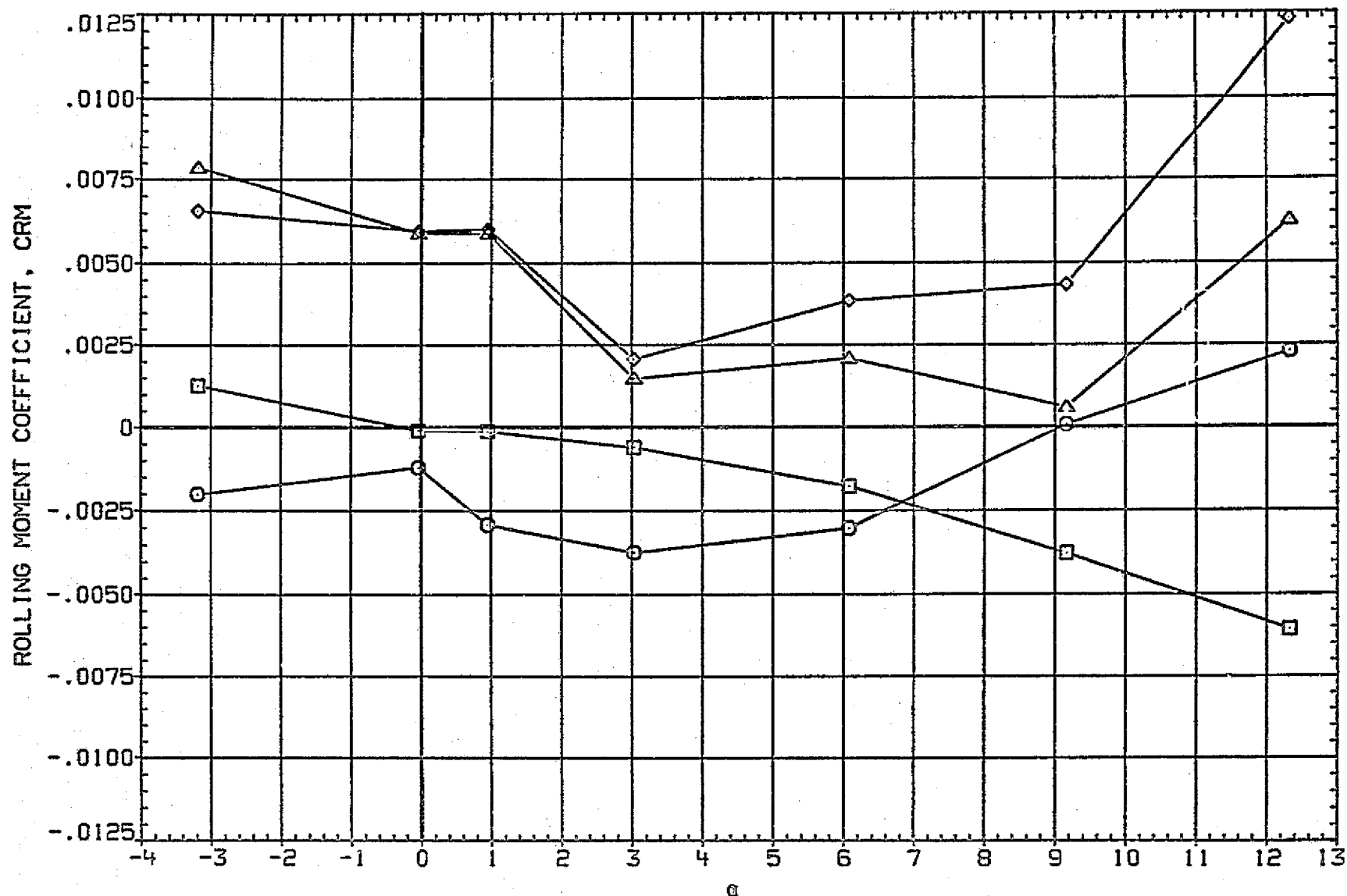


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ233) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	1.501		.000	
□	CNC	.000		.000	
◇	CNT	.000		.000	
△	CN3	.000		.000	
		D1-3		.000	
		FHI-C	45.000	FHI-T	.000

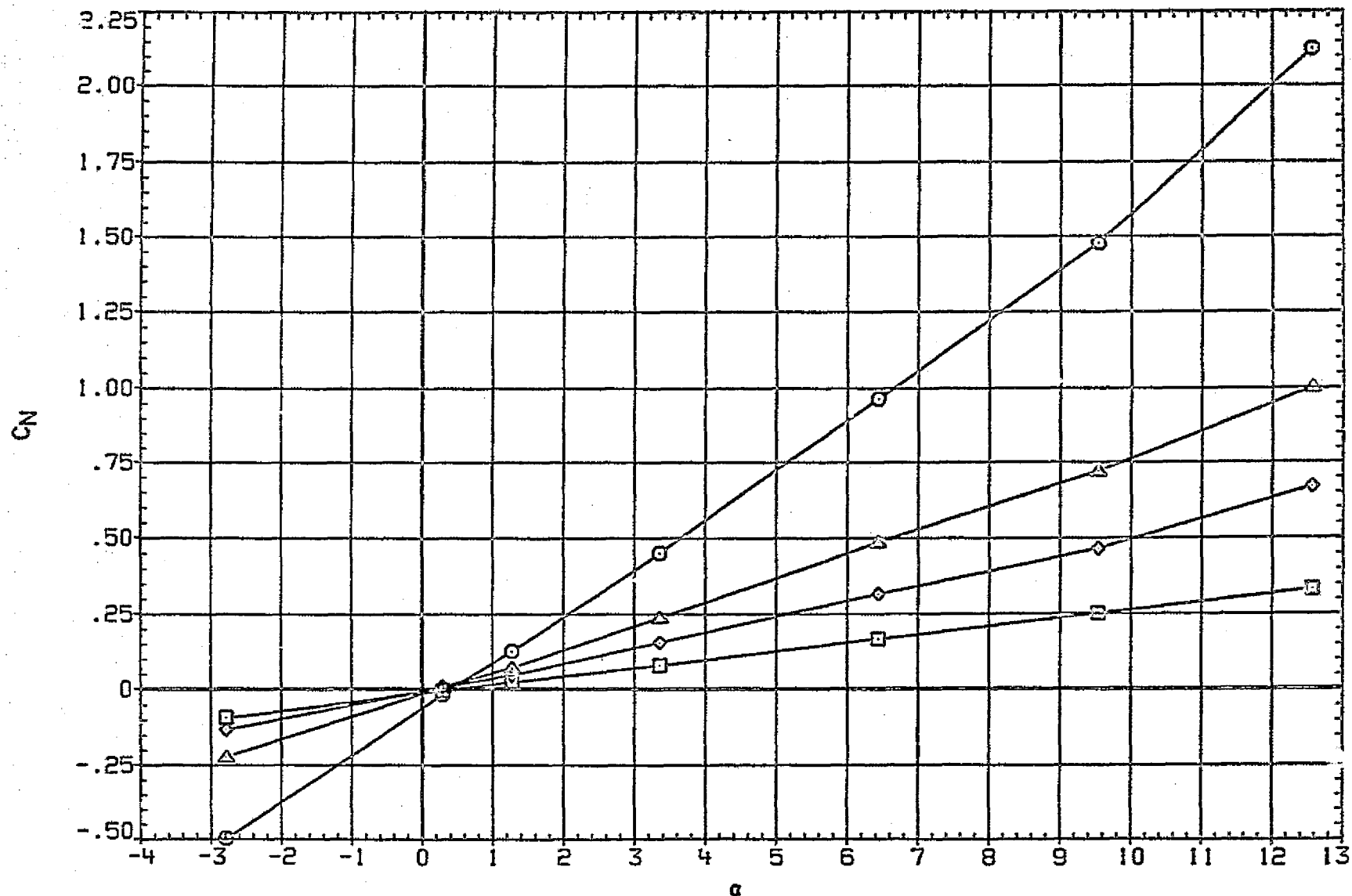


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ233) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.993 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 .000 D4 .000
△	CNB	D1-3 .000 D2-4 .000
		PHI-C 45.000 PHI-T .000

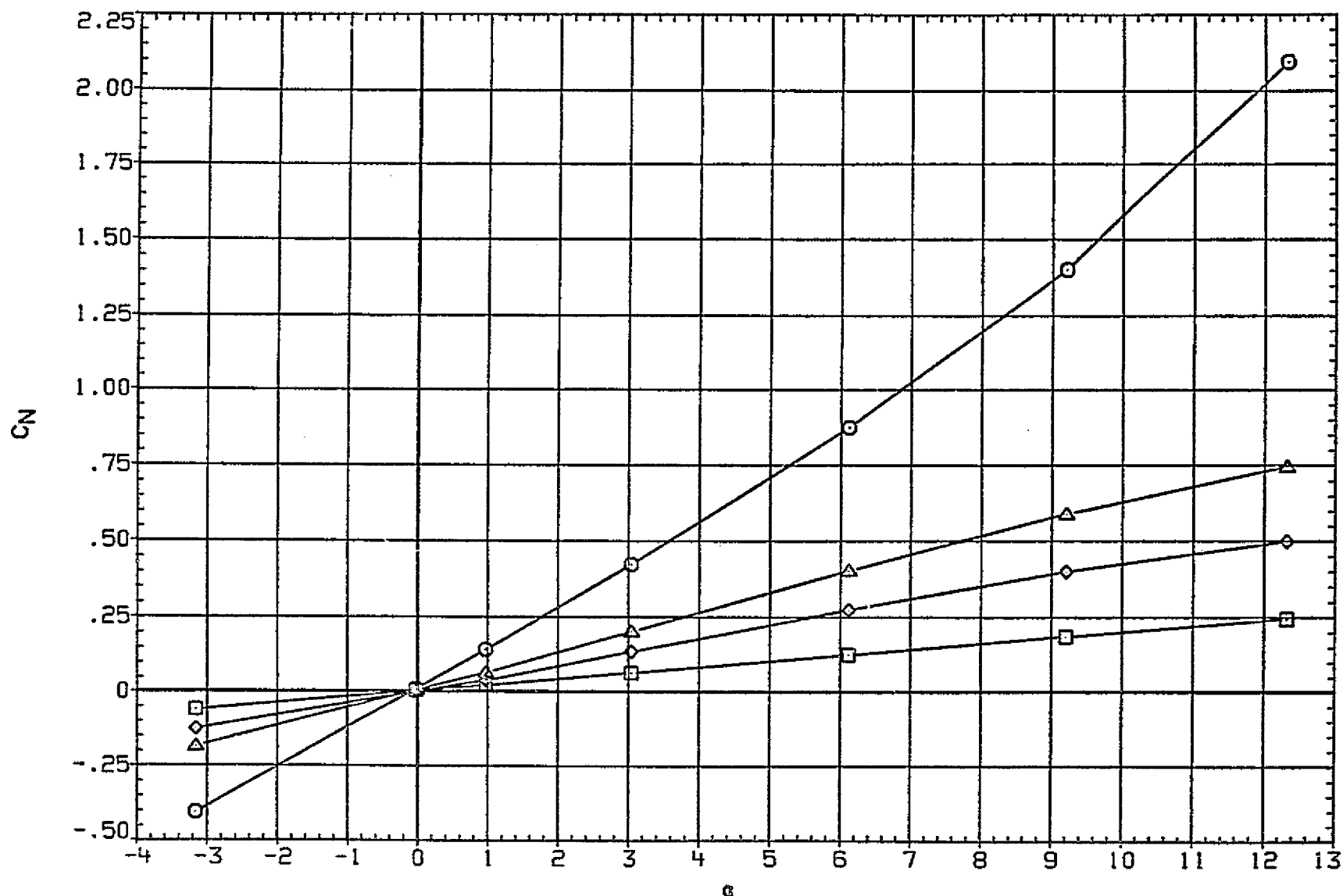


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ233) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CM	1.501	D1	.000	.000
□	CMC	.000	D2	.000	.000
◇	CMT	.000	D1-3	.000	.000
△	CN3	.000	PHI-C	45.000	PHI-T
					.000

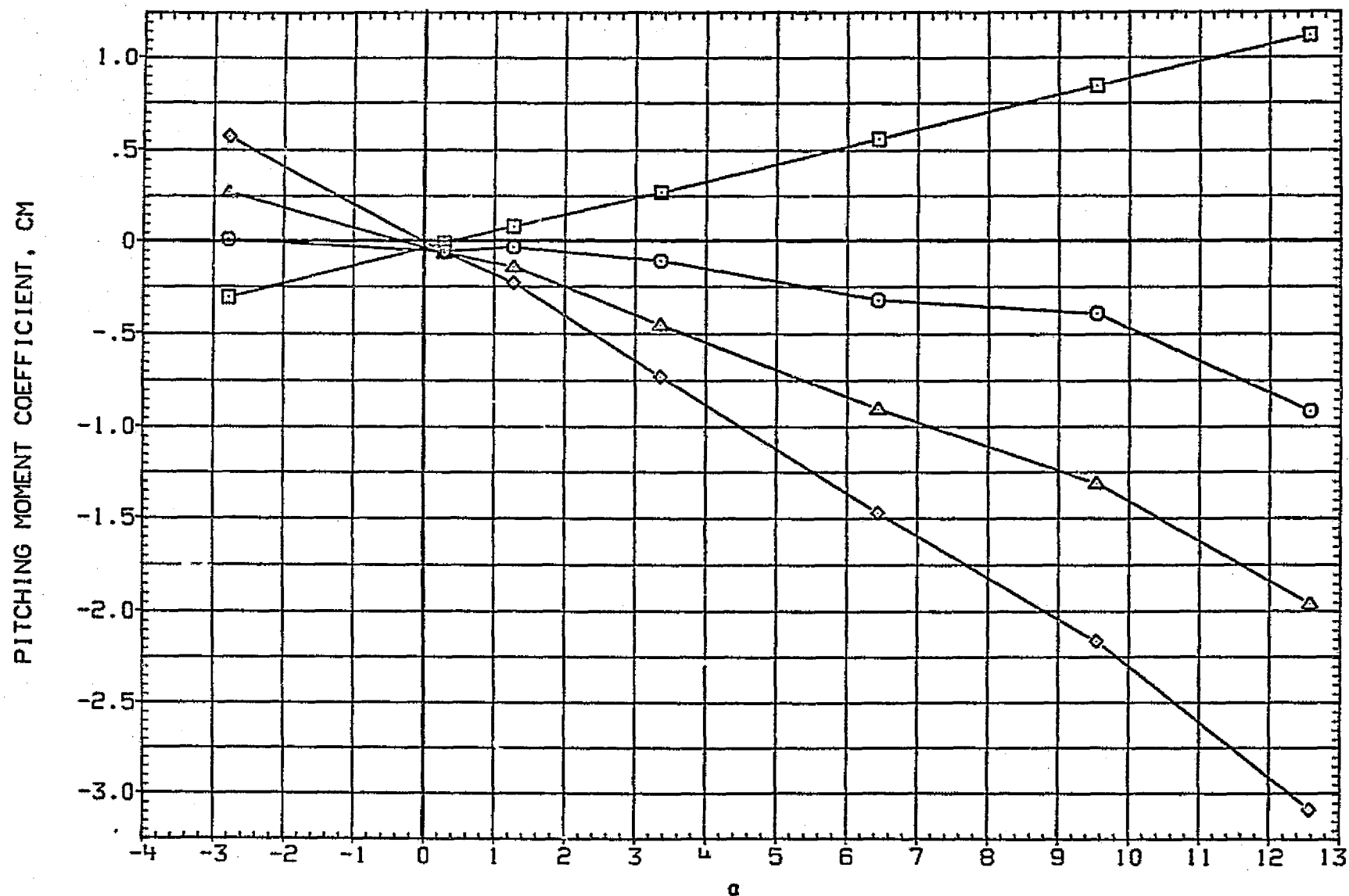


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ233) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CM	MACH 1.993 BETA .000
□	CMC	D1 .000 D3 .000
○	CMT	D2 .000 D4 .000
△	CM3	D1-3 .000 D2-4 .000
		PHI-C 45.000 PHI-T .000

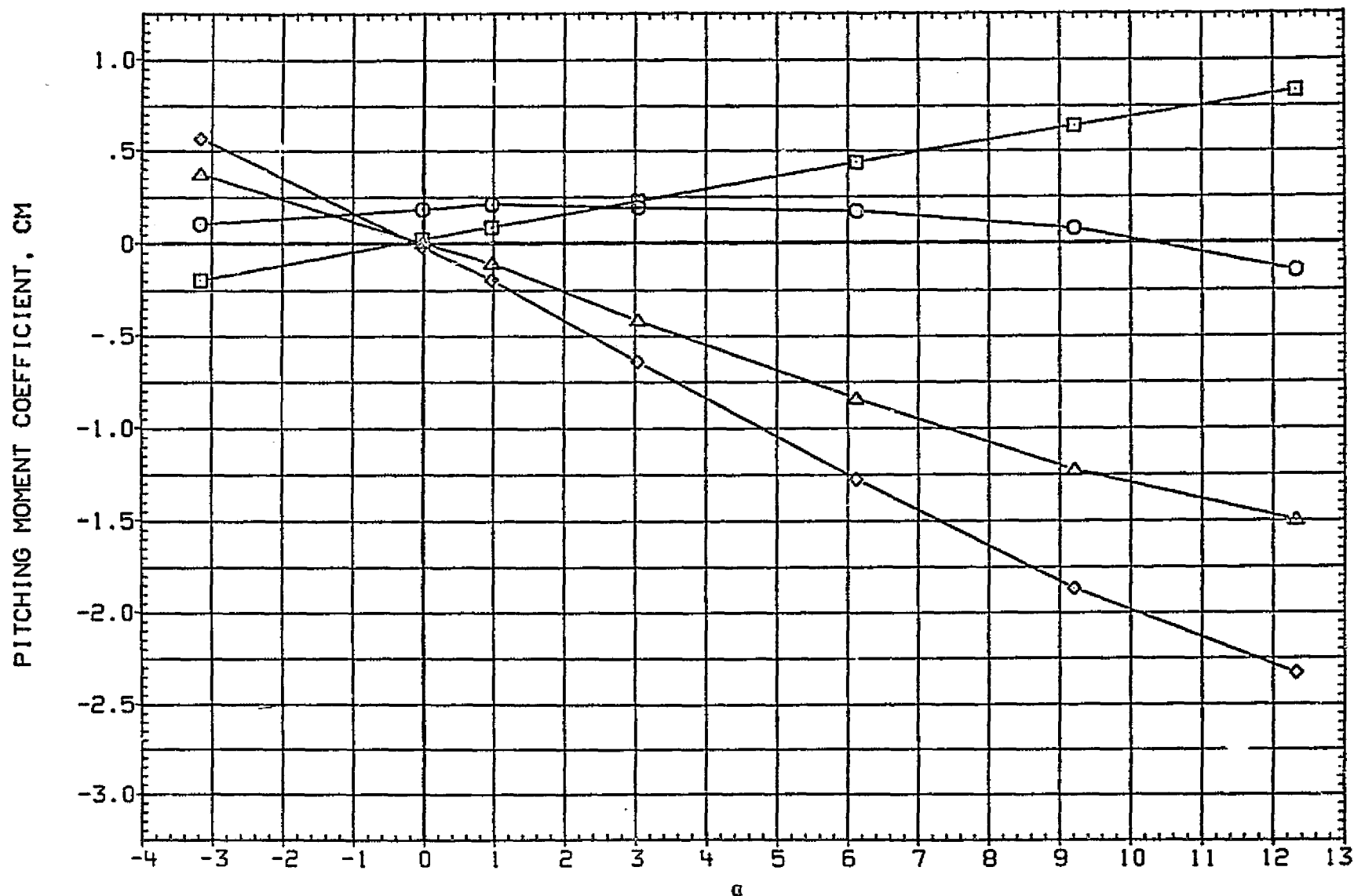


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ233) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.501	BETA	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
		PHI-C	45.000	PHI-T	.000

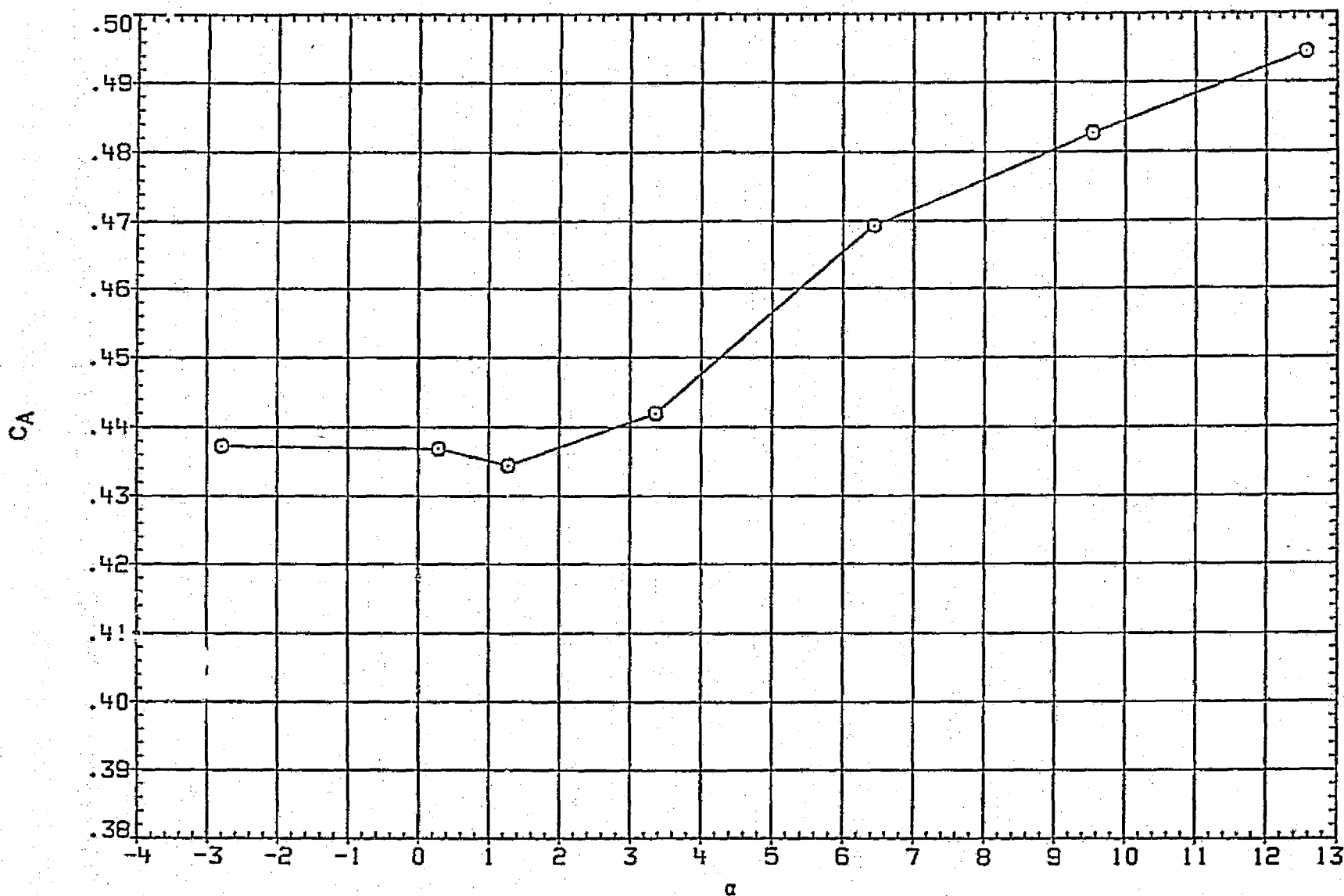


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ233) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.993	BETA	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
		PHI-C	45.000	PHI-T	.000

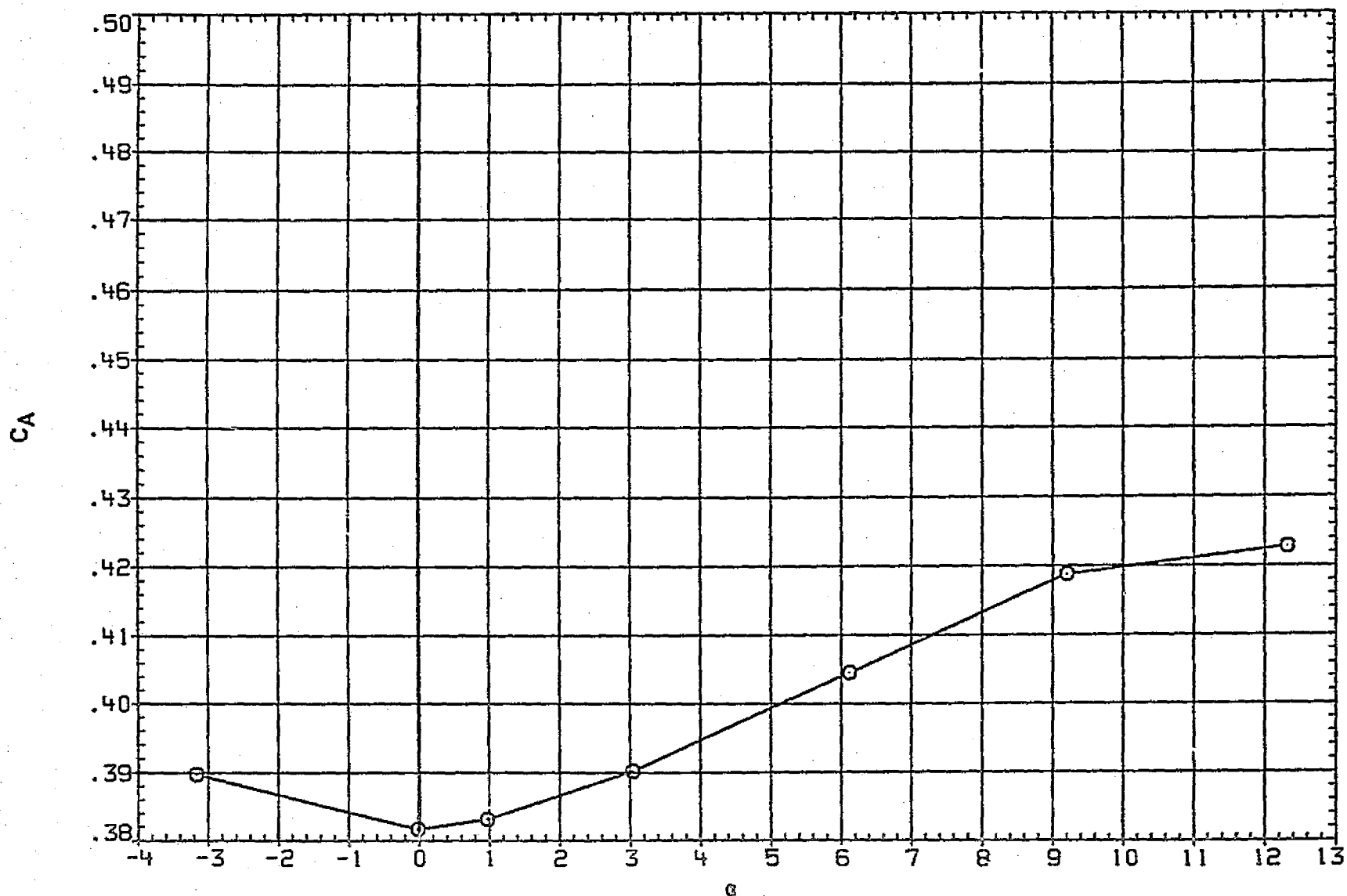


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ233) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.501 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 .000 D4 .000
△	CYB	D1-3 .000 D2-4 .000
		PHI-C 45.000 PHI-T .000

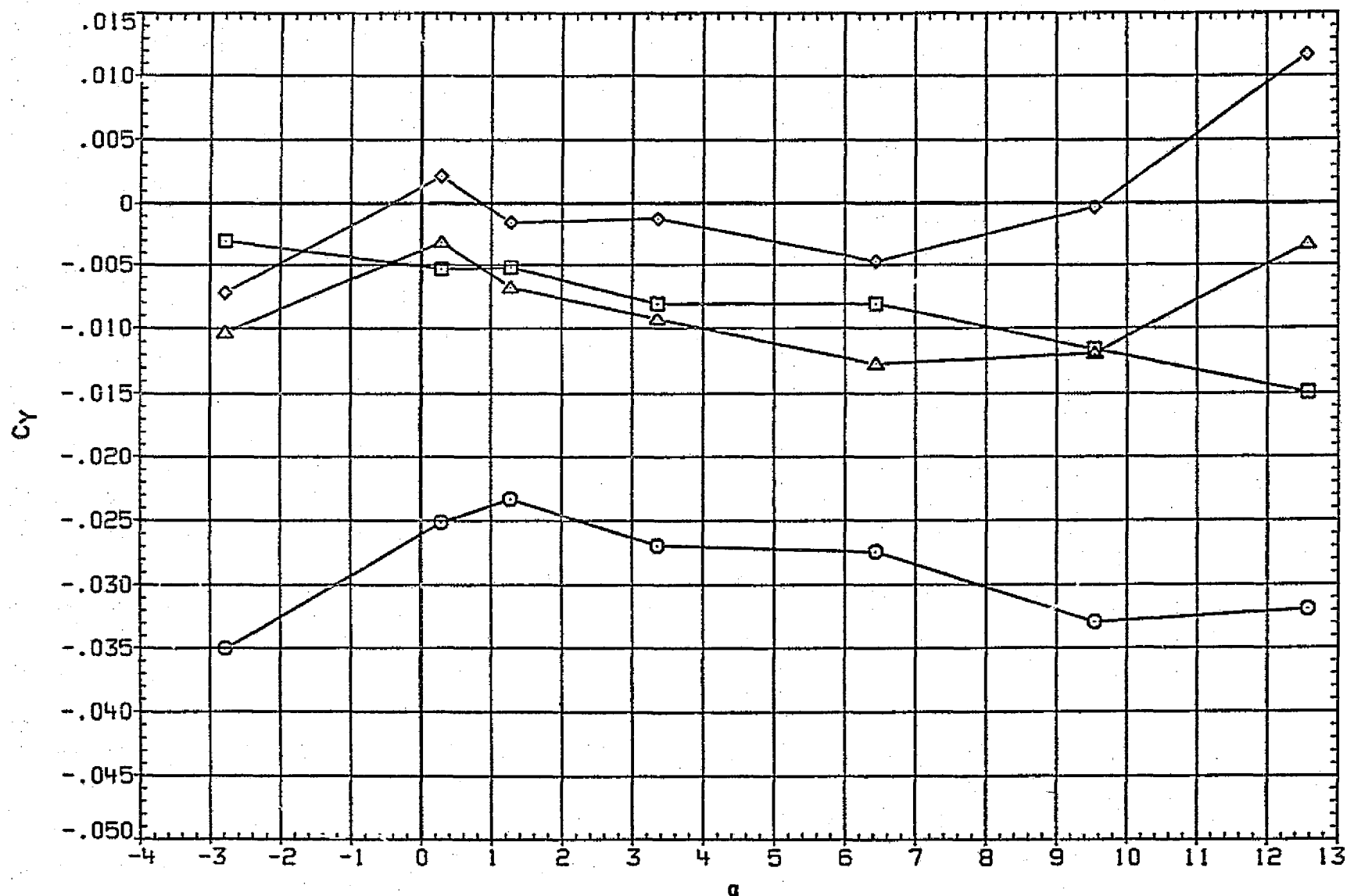


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ233) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.993 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 .000 D4 .000
△	CYB	D1-3 .000 D2-4 .000
		PHI-C 45.000 PHI-T .000

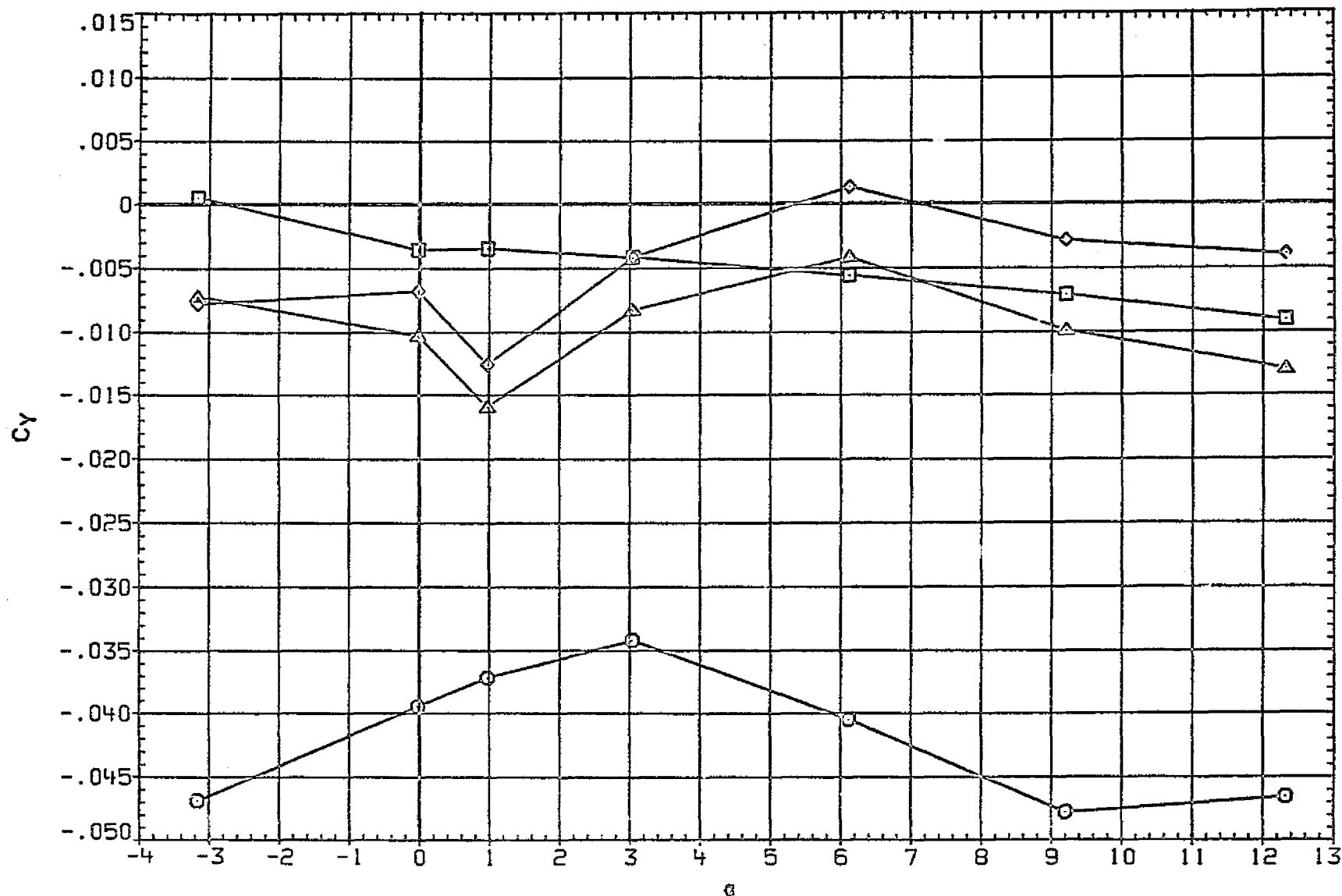


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ233) CONFIGURATION 13 (8N1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.501 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 .000 D4 .000
△	CYMB	D1-3 .000 D2-4 .000
		PHI-C 45.000 PHI-T .000

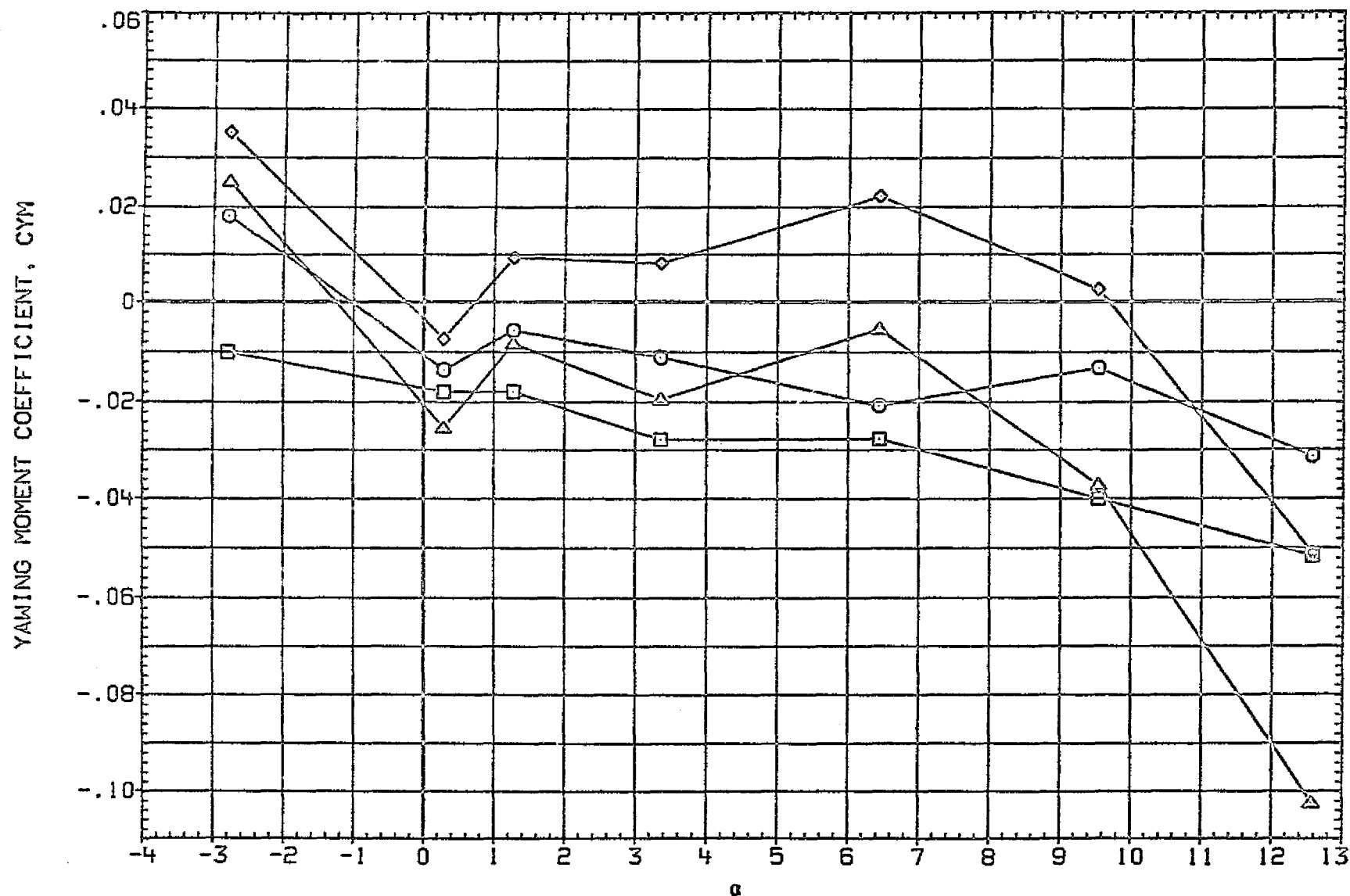


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ233) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.993 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 .000 D4 .000
△	CYMB	D1-3 .000 D2-4 .000
		PHI-C 45.000 PHI-T .000

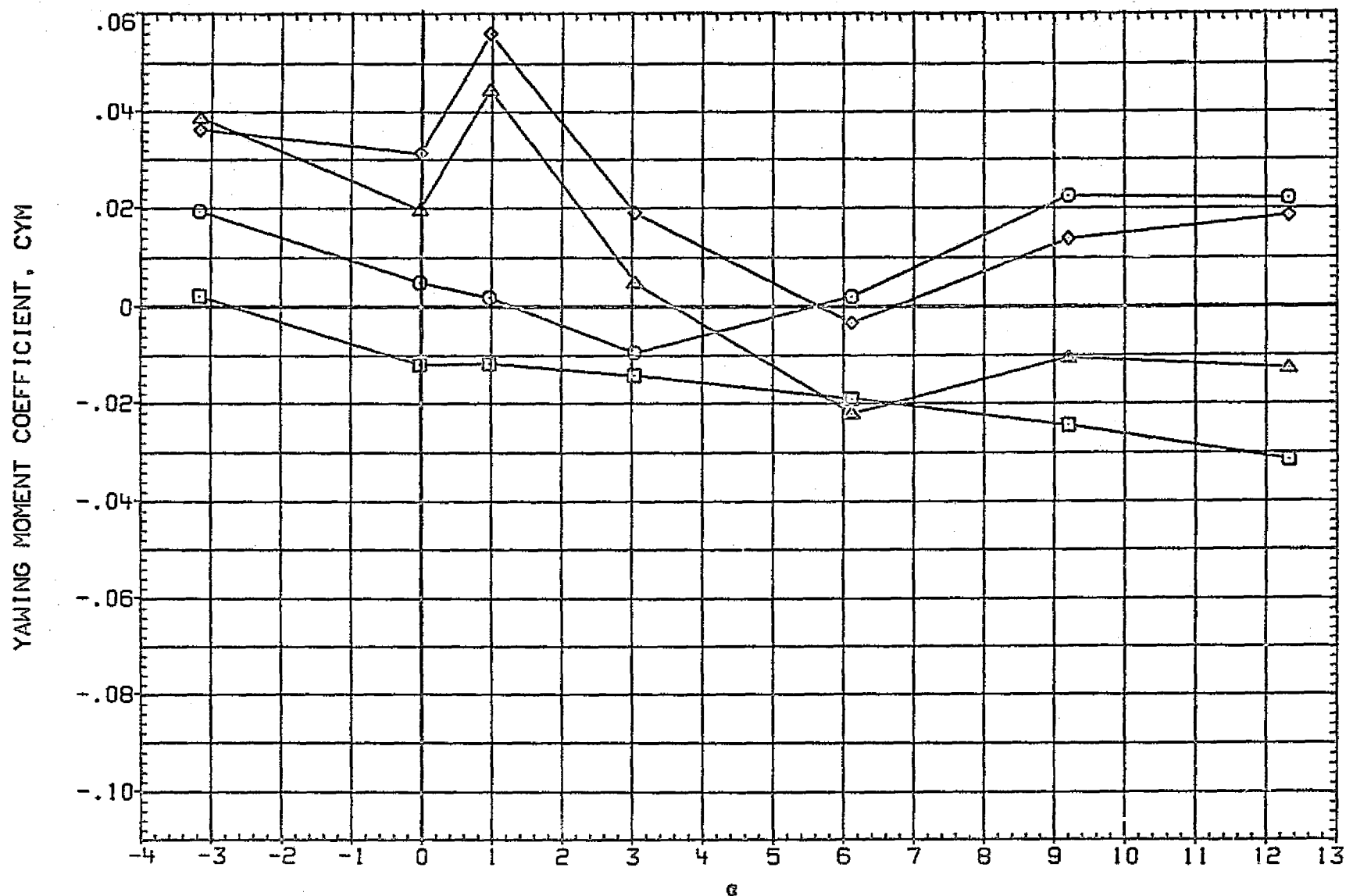


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ233) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.501
□	CRM/C	BETA .000
△	CRM/T	D1 .000
◇	CRM/S	D2 .000
		D1-3 .000
		D2-4 .000
		PHI-C 45.000
		PHI-T .000

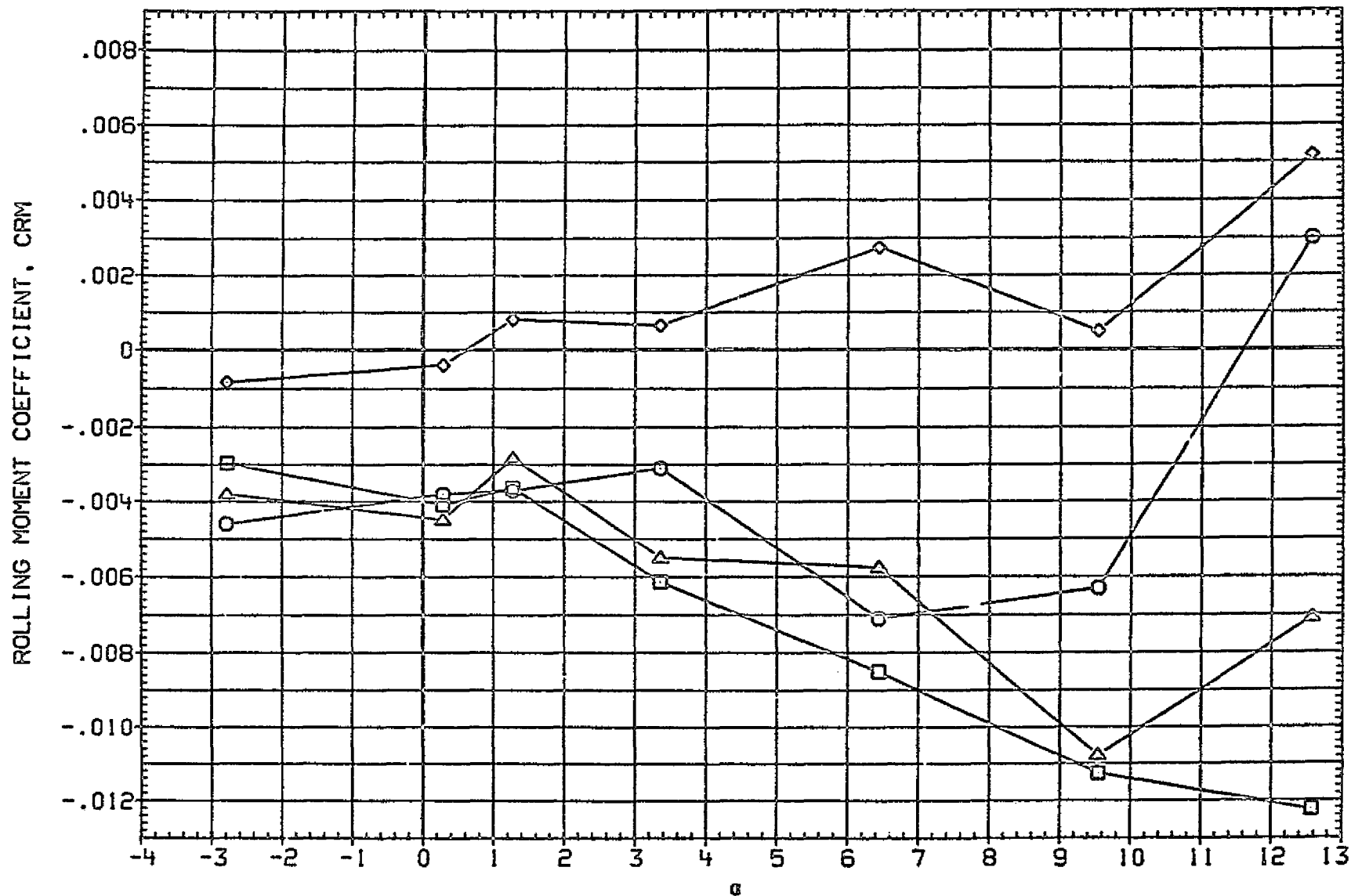


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NE2233) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.993 BETA .000
□	CRM/C	D1 .000 D3 .000
◇	CRM/T	D2 .000 D4 .000
△	CRM/S	D1-3 .000 D2-4 .000
		PHI-C 45.000 PHI-T .000

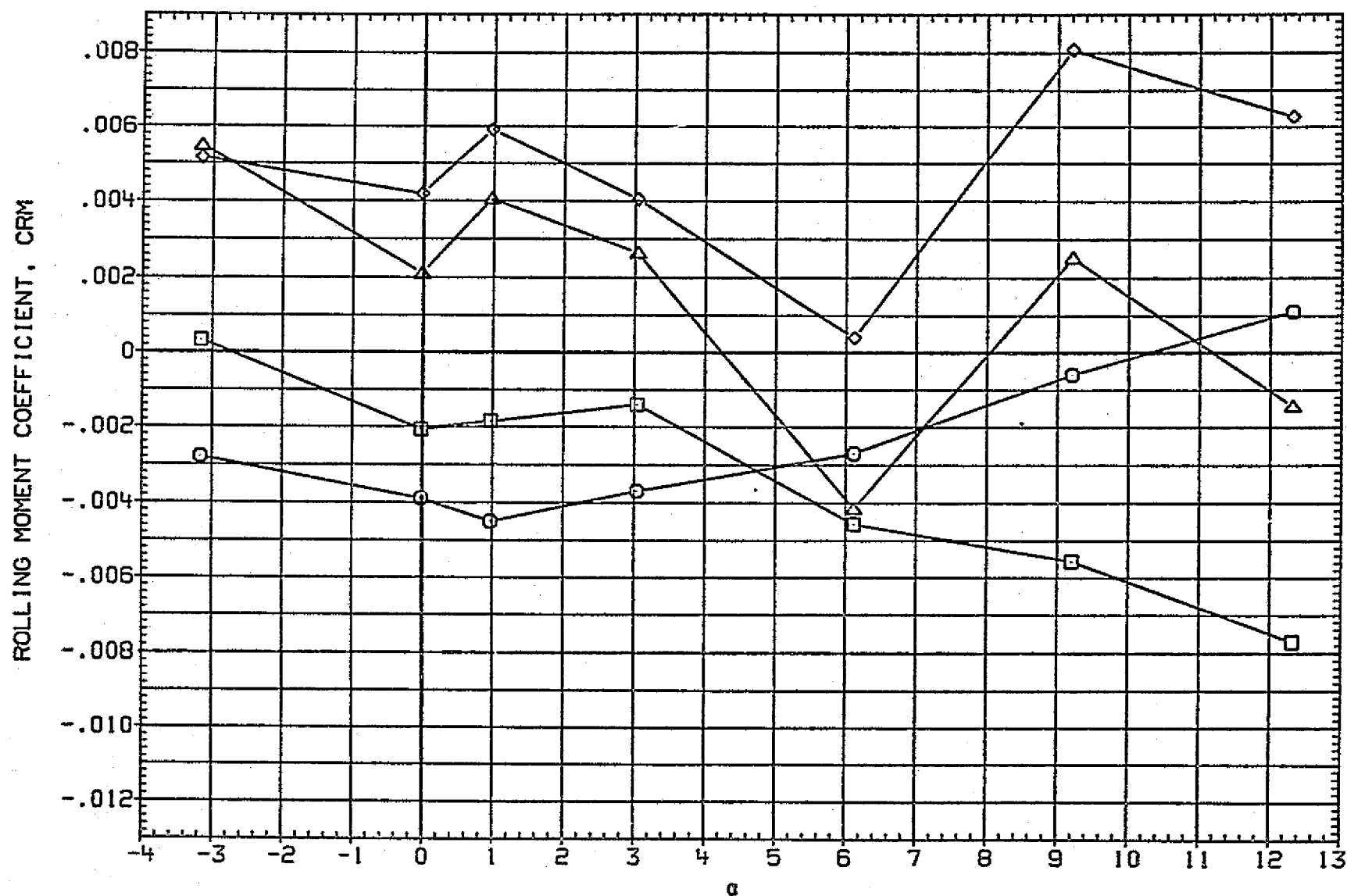


FIG. 8 BODY-CAVARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ234) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.502	BETA	.000
□	CNC	D1	1.000	D3	1.000
◇	CNT	D2	1.000	D4	1.000
△	CN3	D1-3	1.000	D2-4	1.000
		PHI-C	45.000	PHI-T	.000

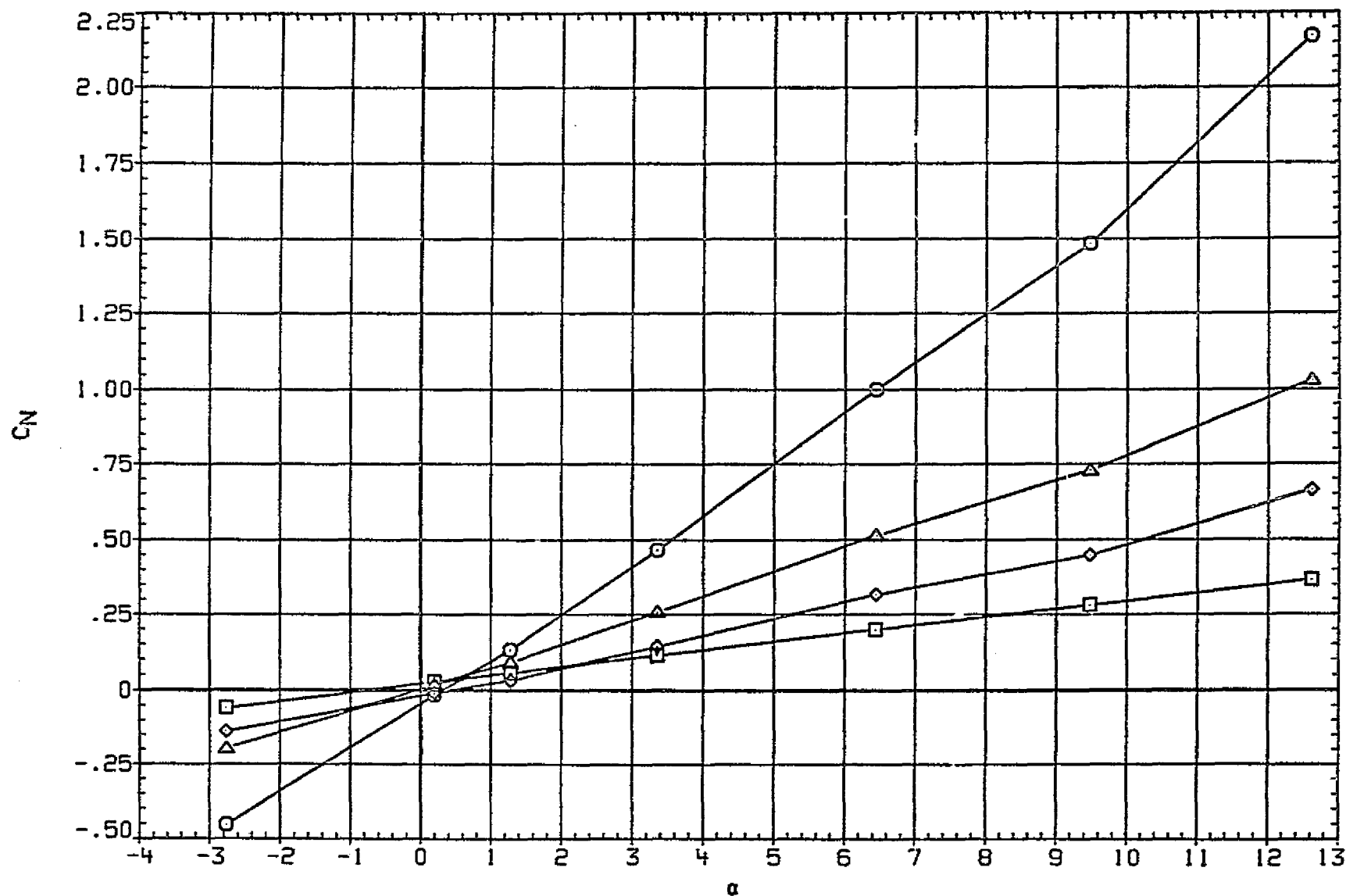


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ234) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.992	BETA	.000
□	CNC	D1	1.000	D3	1.000
◇	CNT	D2	1.000	D4	1.000
△	CNB	D1-3	1.000	D2-4	1.000
		PHI-C	45.000	PHI-T	.000

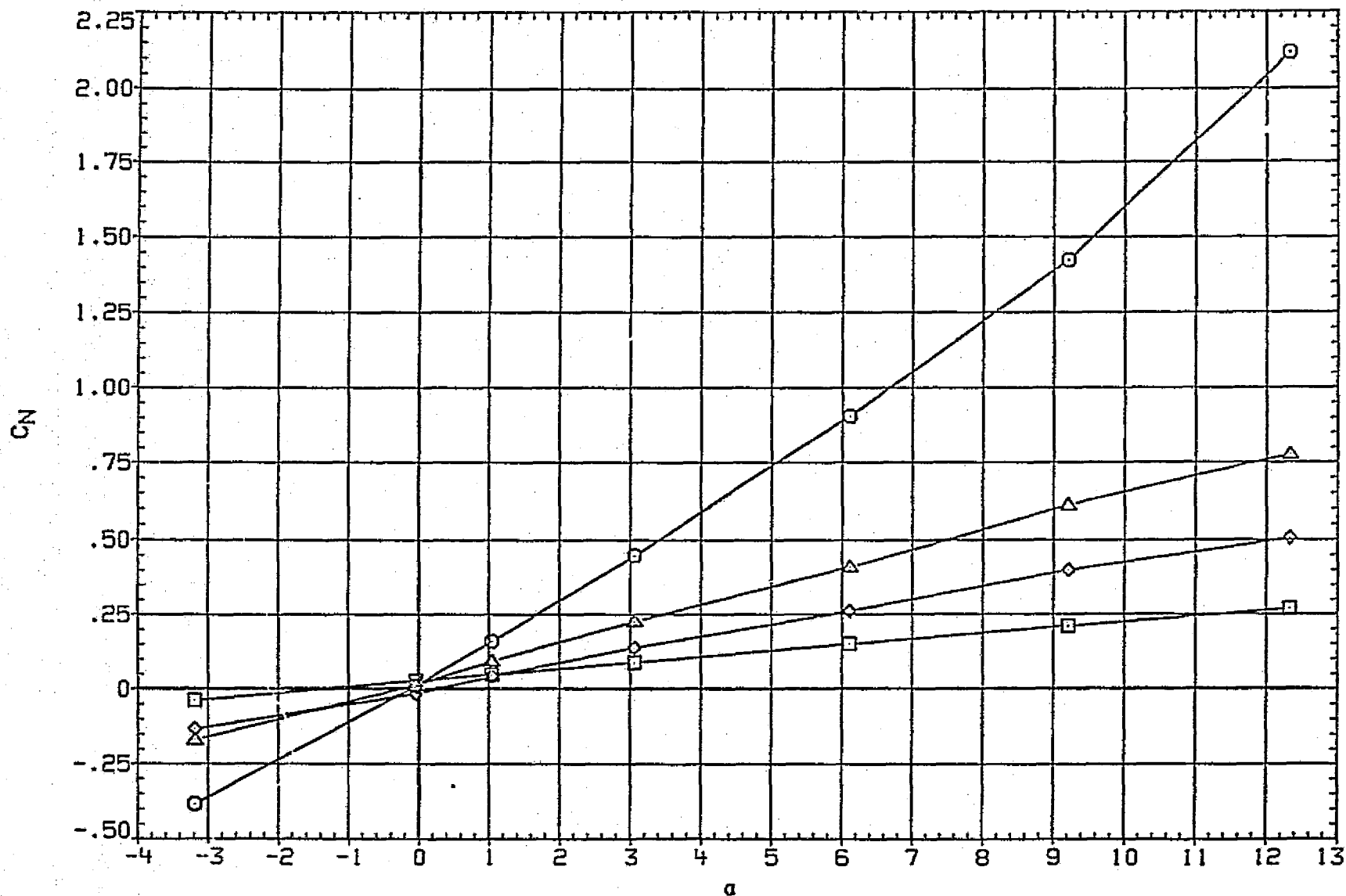


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ234) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.502 BETA .000
□	CMC	D1 1.000 D3 1.000
◇	CHT	D2 1.000 D4 1.000
△	CHS	D1-3 1.000 D2-4 1.000
		PHI-C 45.000 PHI-T .000

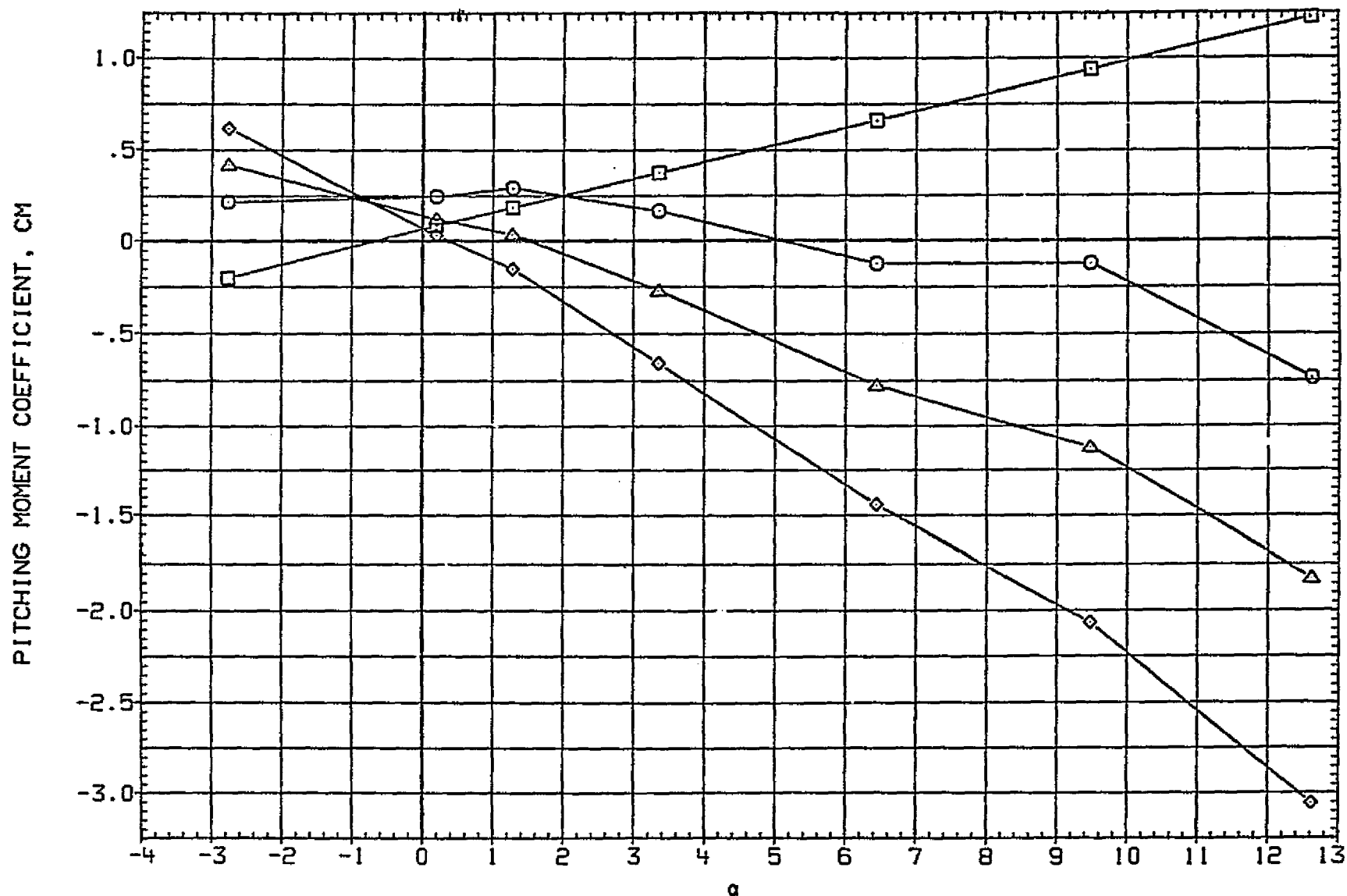


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ234) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CM	MACH 1.992 BETA .000
□	CMC	D1 1.000 D3 1.000
○	CHT	D2 1.000 D4 1.000
△	CMB	D1-3 1.000 D2-4 1.000
		PHI-C 45.000 PHI-T .000

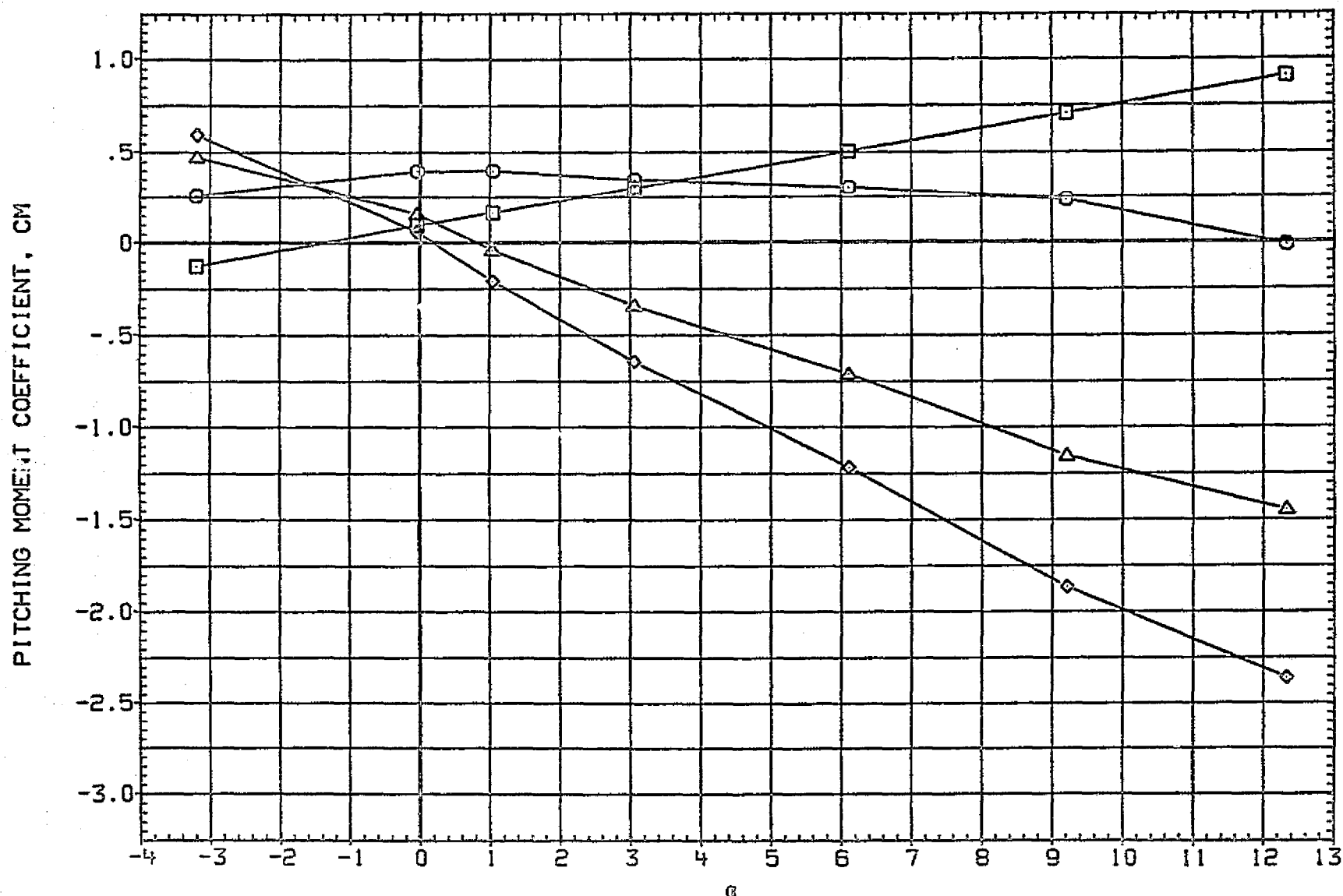


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ234) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.502	BETA	.000
		D1	1.000	D3	1.000
		D2	1.000	D4	1.000
		D1-3	1.000	D2-4	1.000
		PHI-C	45.000	PHI-T	.000

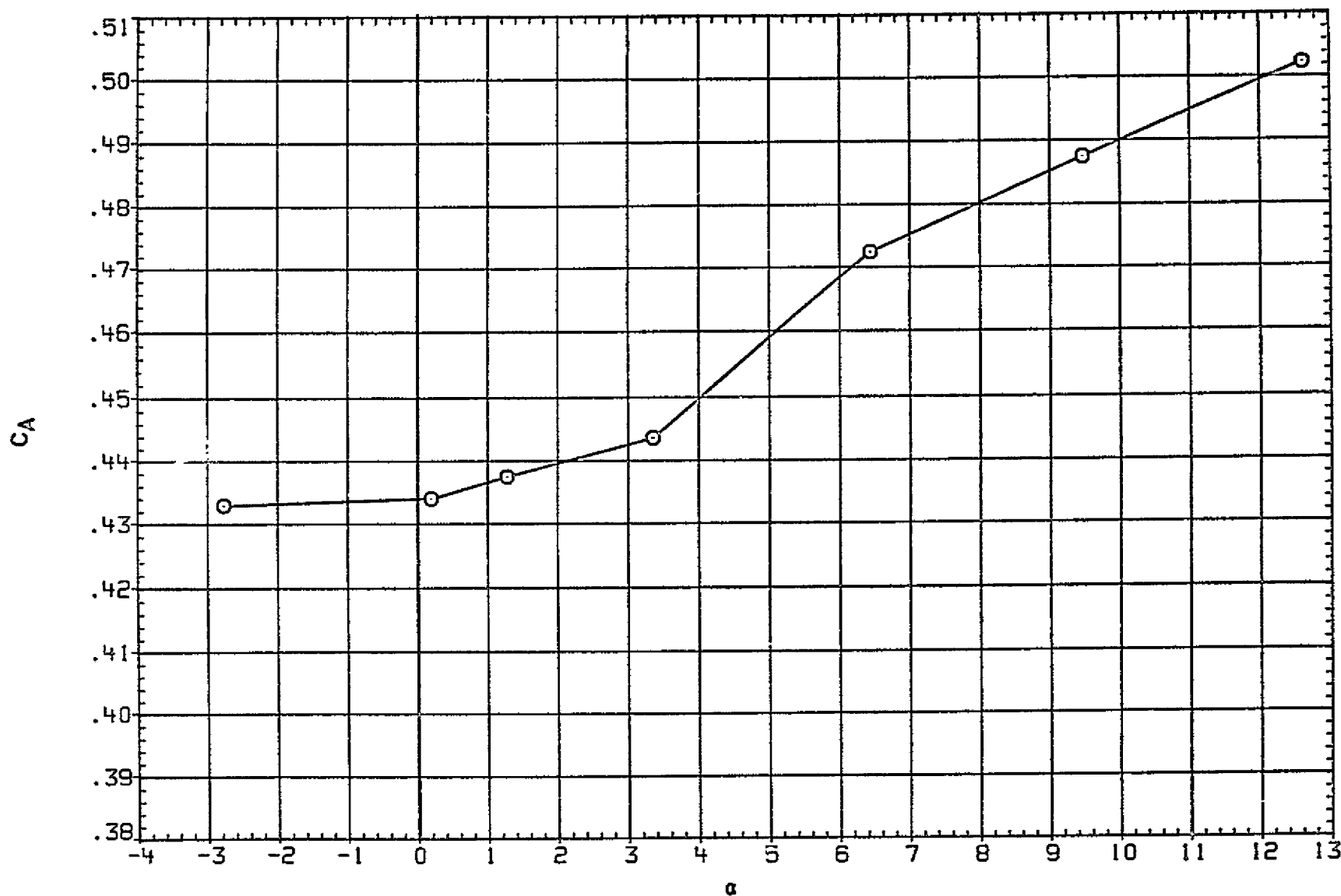


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ234) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.992	ETA	.000
		D1	1.000	D3	1.000
		D2	1.000	D4	1.000
		D1-3	1.000	D2-4	1.000
		PHI-C	45.000	PHI-T	.000

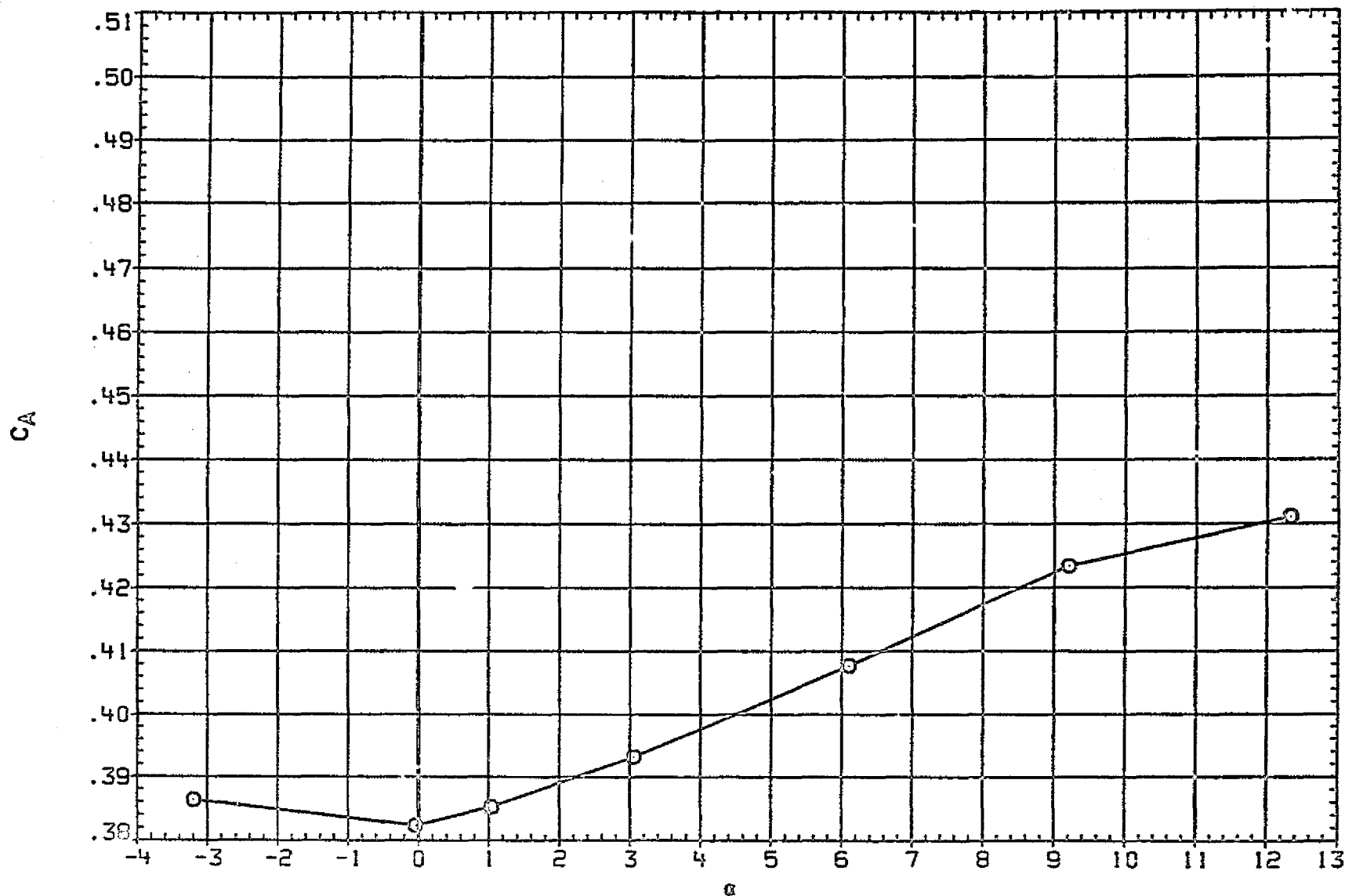


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ234) CONFIGURATION 13 (BNICHT)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CY	01	1.502	D3	.000
□	CYC	02	1.000	D4	1.000
◇	CYT	01-3	1.000	D2-4	1.000
△	CYB	PHI-C	45.000	PHI-T	.000

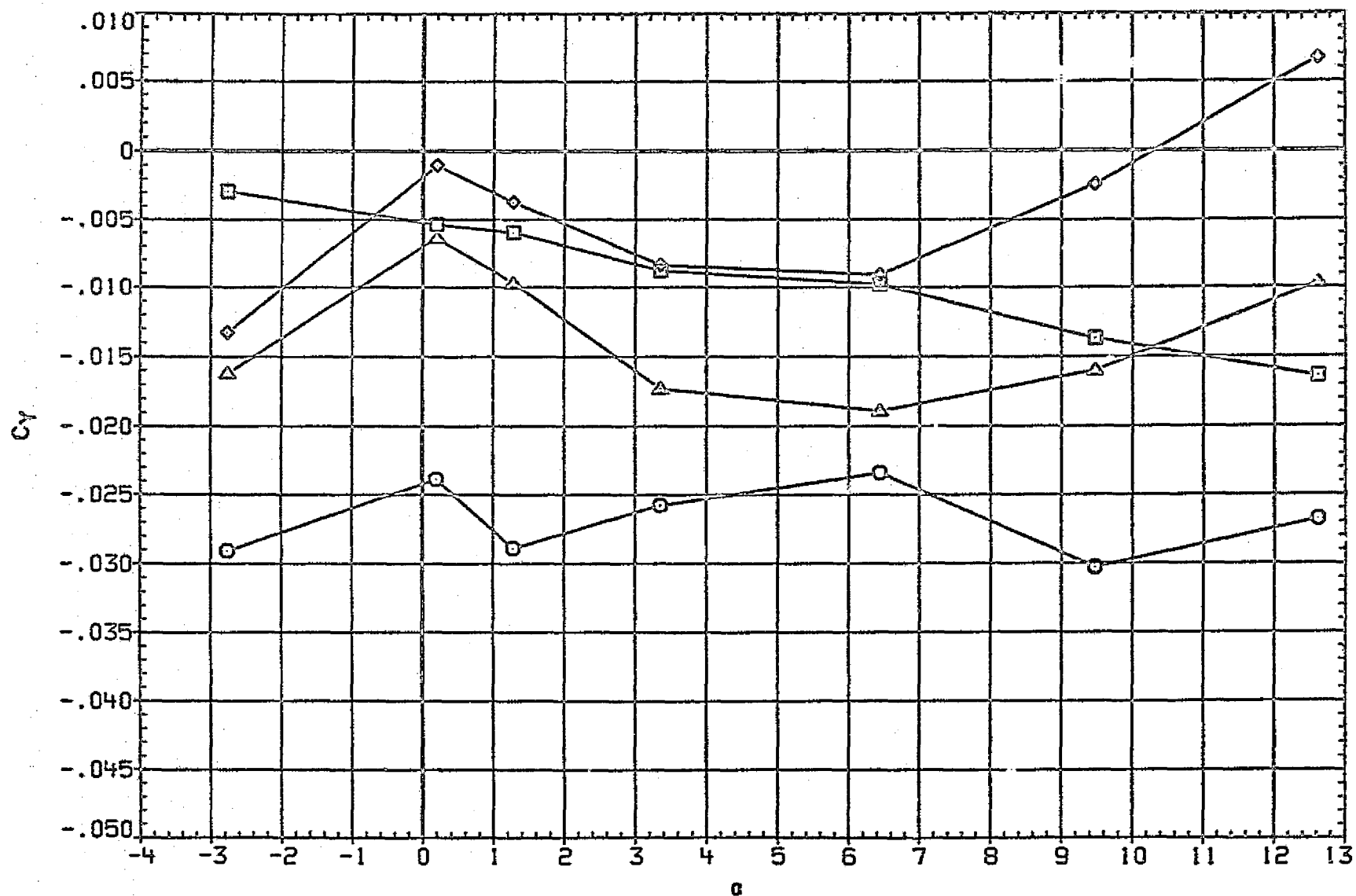


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ234) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.992 BETA .000
□	CYC	D1 1.000 D3 1.000
◇	CYT	D2 1.000 D4 1.000
△	CYB	D1-3 1.000 D2-4 1.000
		PHI-C 45.000 PHI-T .000

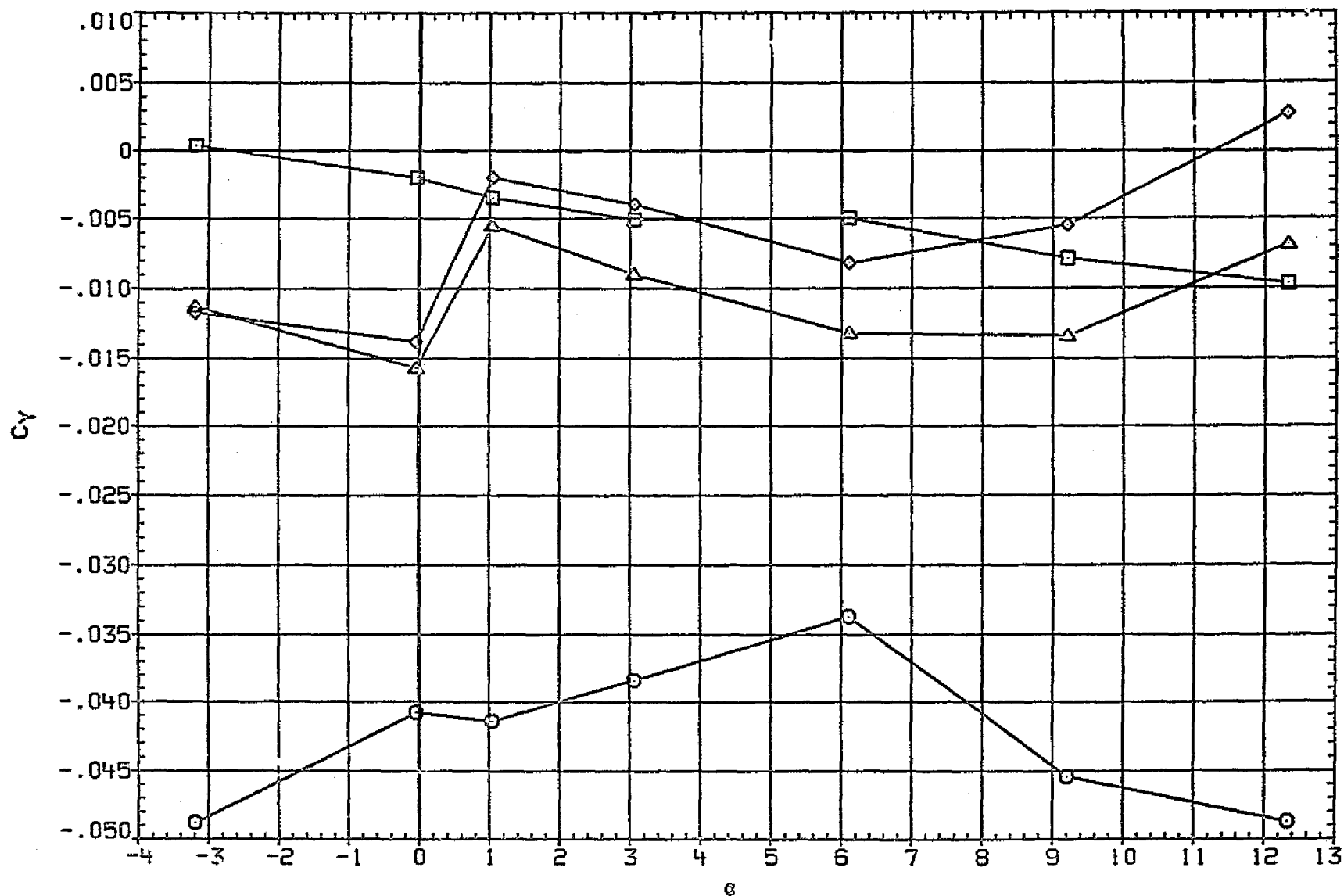


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ234) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.502 ESTA .000
□	CYMC	D1 1.000 D3 1.000
◇	CYMT	D2 1.000 D4 1.000
△	CYMB	D1-3 1.000 D2-4 1.000
		PHI-C 45.000 PHI-T .000

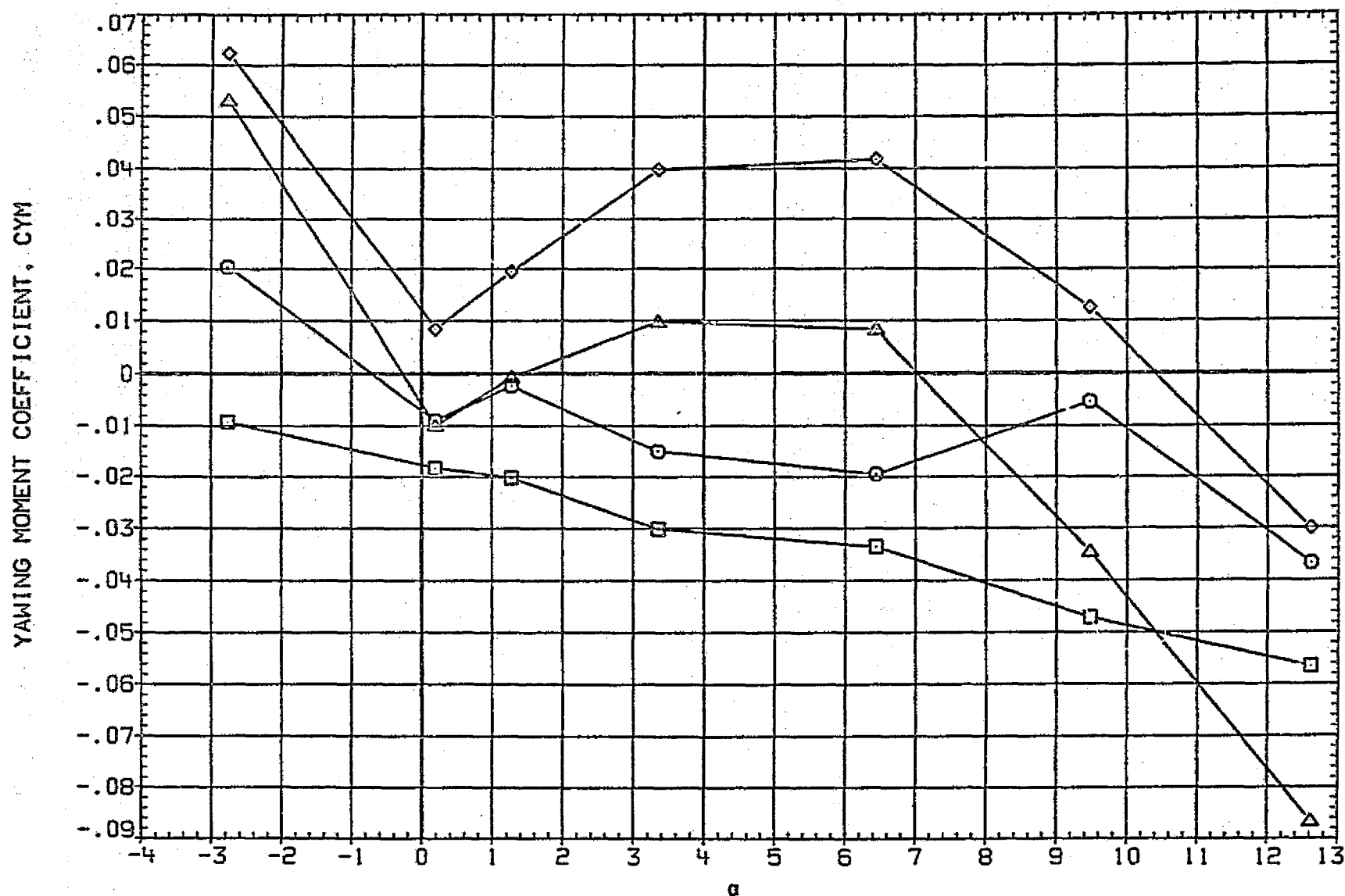


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ234) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.992 BETA .000
○	CYM	D1 1.000 D3 1.000
△	CYHT	D2 1.000 D4 1.000
□	CYMB	D1-3 1.000 D2-4 1.000
	PHI-C	45.000 PHI-T .000

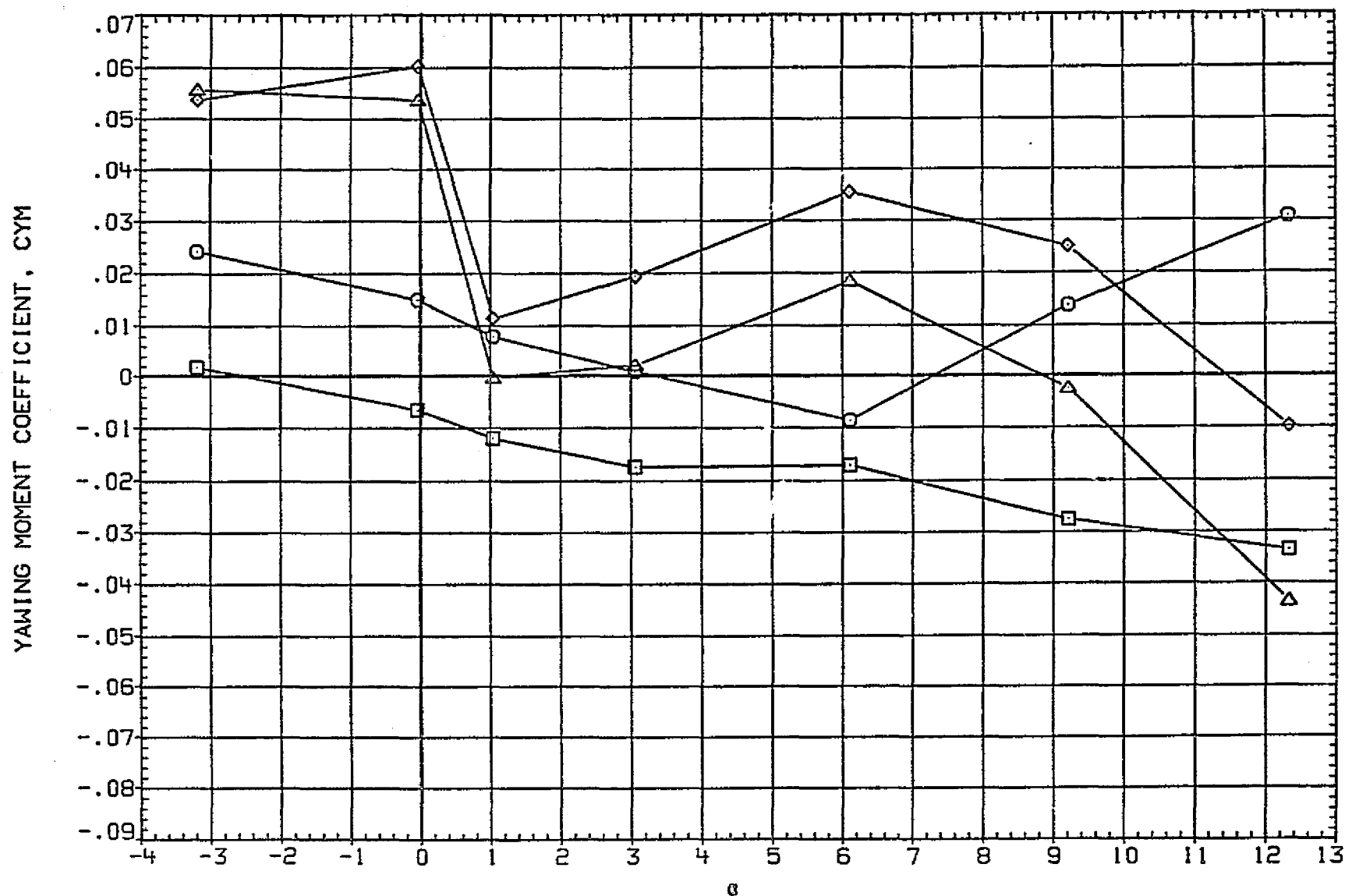


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ234) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
◇	CRM	MACH	1.502	BETA	.000
□	CRM C	D1	1.000	D3	1.000
△	CRM T	D2	1.000	D4	1.000
◇	CRM B	D1-3	1.000	D2-4	1.000
		PHI-C	45.000	PHI-T	.000

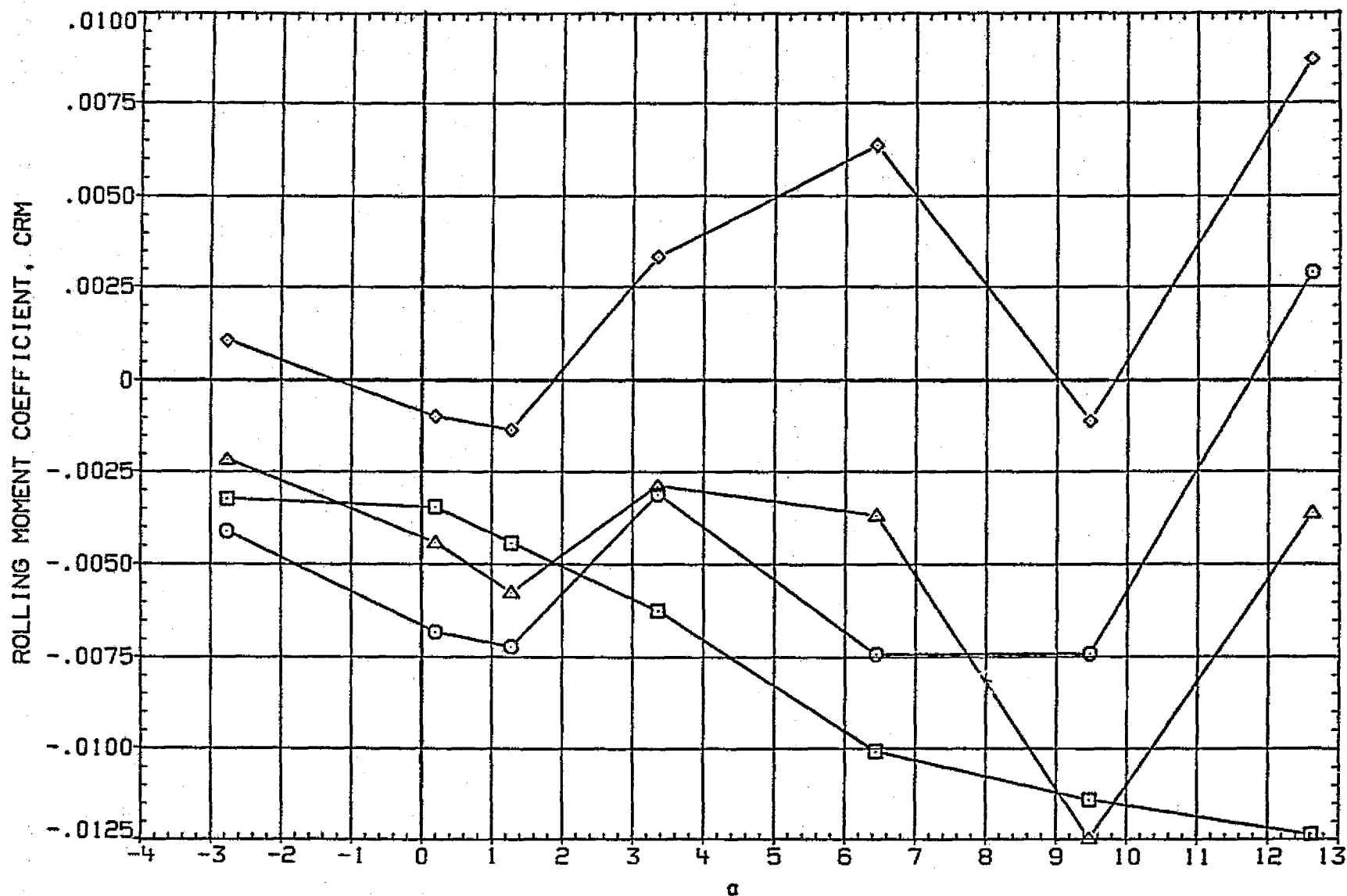


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ234) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.992 BETA .000
□	CRM C	D1 1.000 D3 1.000
◇	CRM C	D2 1.000 D4 1.000
△	CRM C	D1-3 1.000 D2-4 1.000
	CRM B	PHI-C 45.000 PHI-T .000

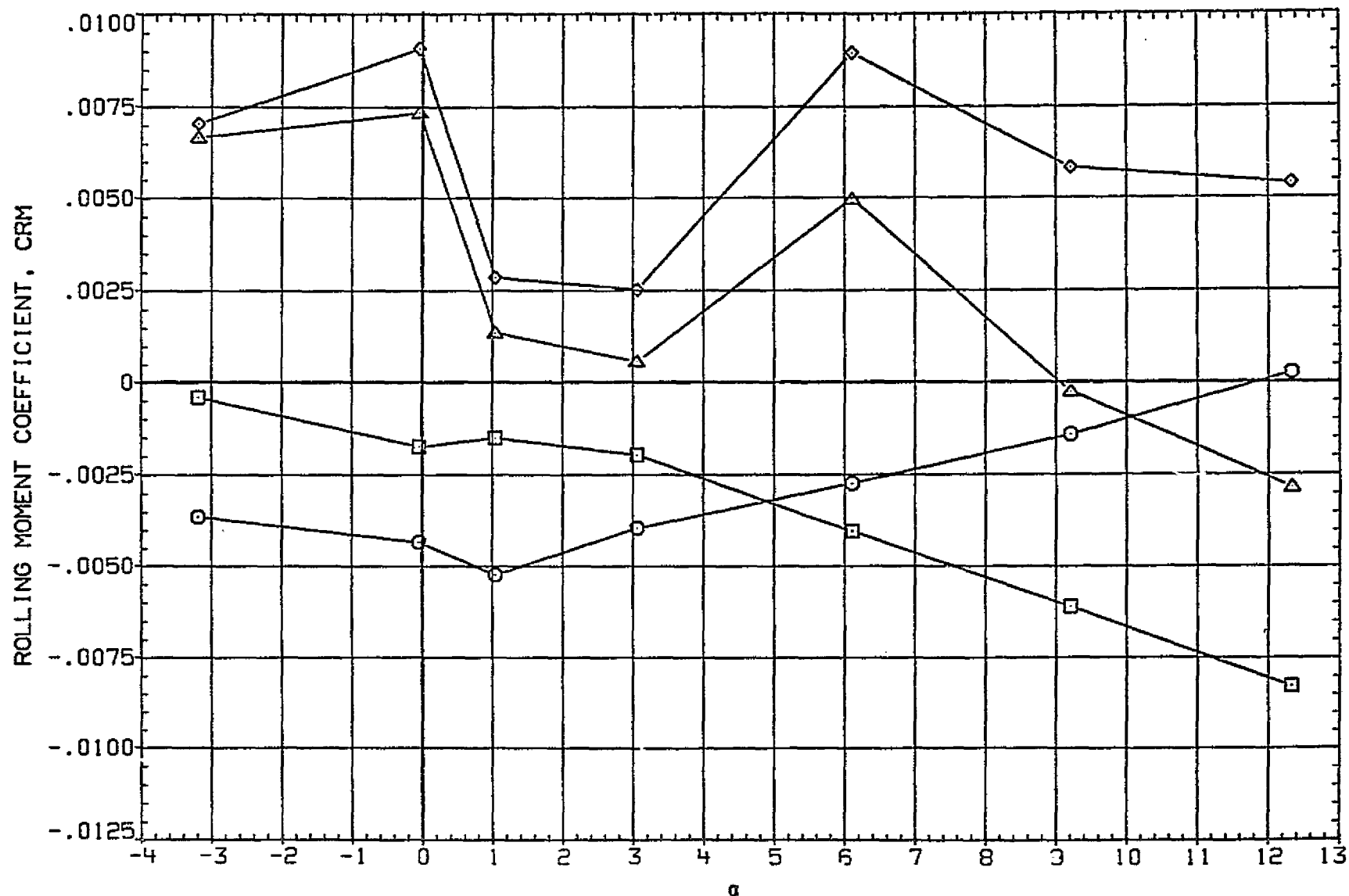


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LE2235) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CN	1.504	BETA .000
□	CNC	01	03 3.000
◇	CNT	02	04 3.000
△	CN3	01-3	02-4 3.000
		PHI-C	45.000 PHI-T .000

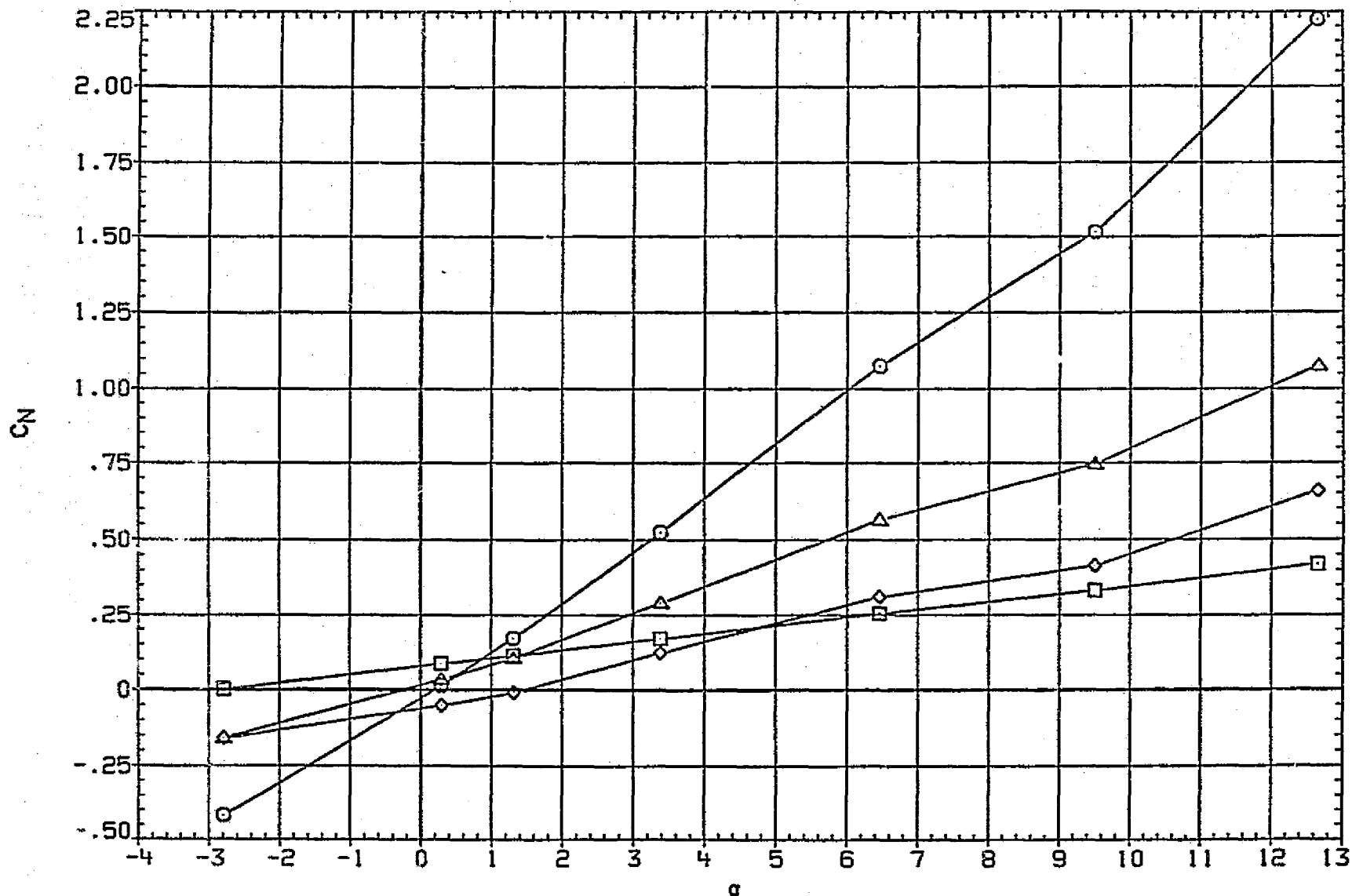


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ235) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.993 BETA .000
◇	CNC	D1 3.000 D3 3.000
△	CNT	D2 3.000 D4 3.000
△	CNS	D1-3 3.000 D2-4 3.000
		PHI-C 45.000 PHI-T .000

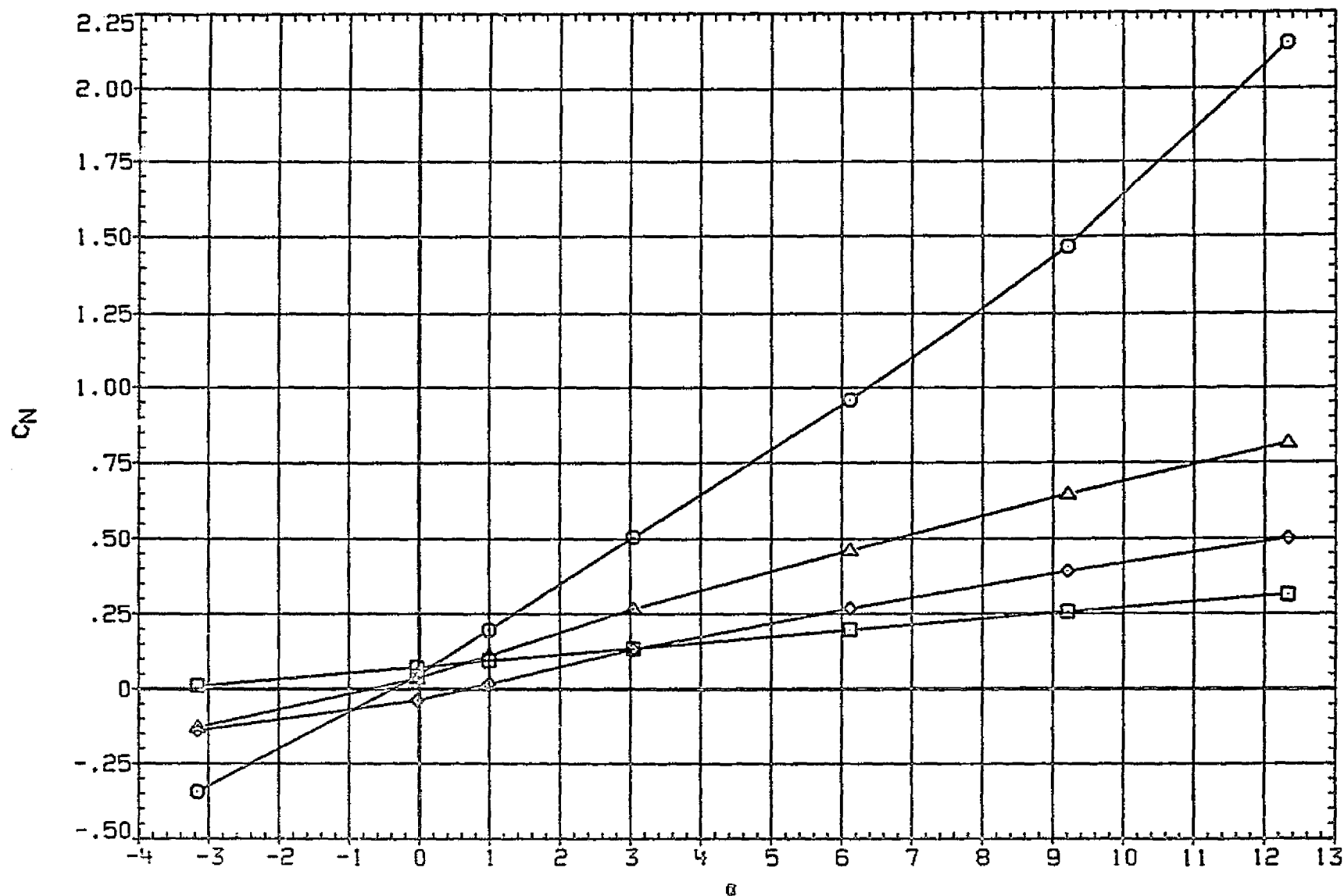


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ235) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CM	D1	1.504	D3	.000
◻	CMC	D2	3.000	D4	3.000
△	CMT	D1-3	3.000	D2-4	3.000
	CMB	PHI-C	45.000	PHI-T	.000

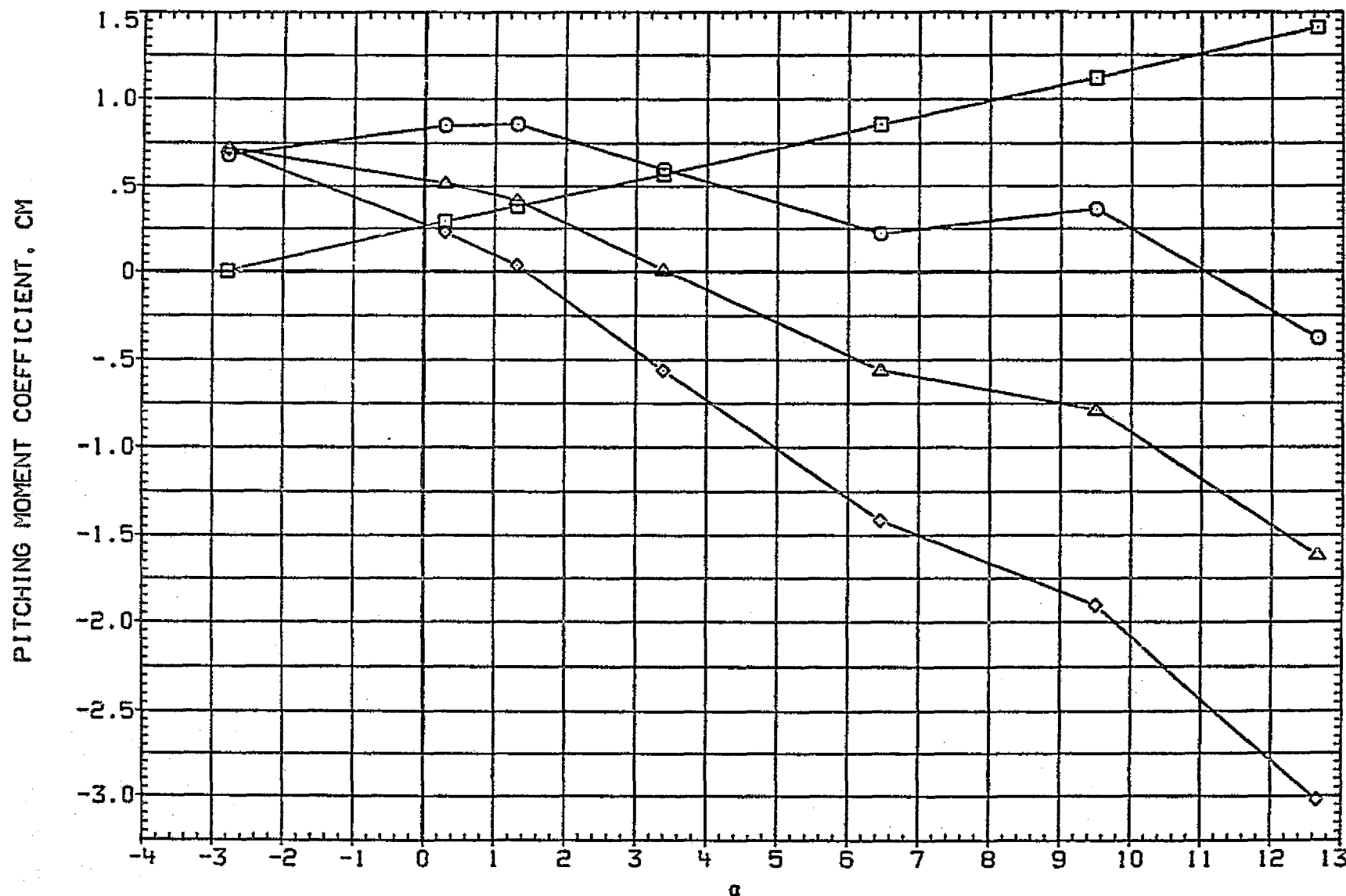


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ235) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
□	CM	MACH 1.993 BETA .000
◇	CMC	D1 3.000 D3 3.000
△	CHT	D2 3.000 D4 3.000
◇	CHB	D1-3 3.000 D2-4 3.000
		PHI-C 45.000 PHI-T .000

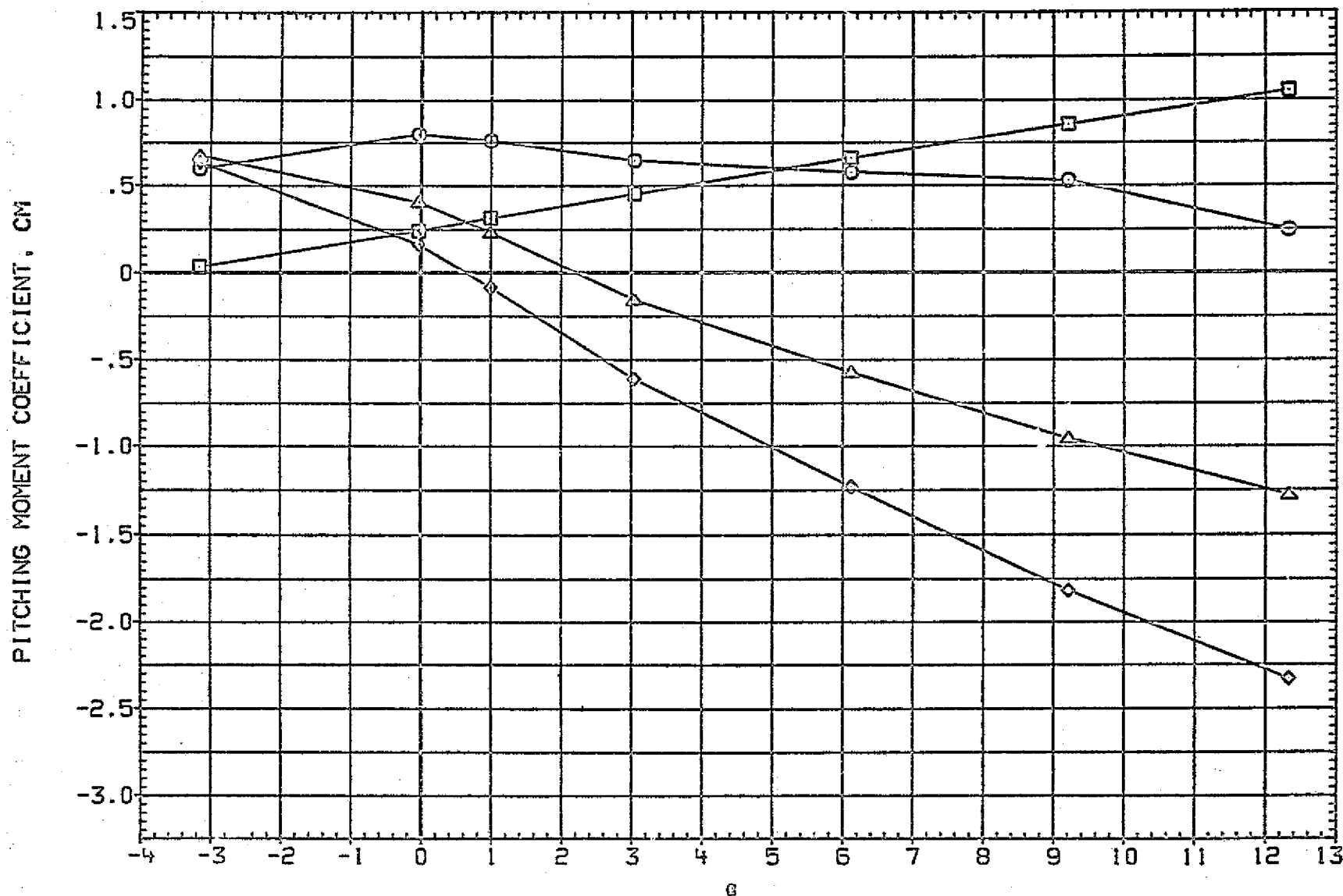


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ235) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.504	BETA	.000
		D1	3.000	D3	3.000
		D2	3.000	D4	3.000
		D1-3	3.000	D2-4	3.000
		PHI-C	45.000	PHI-T	.000

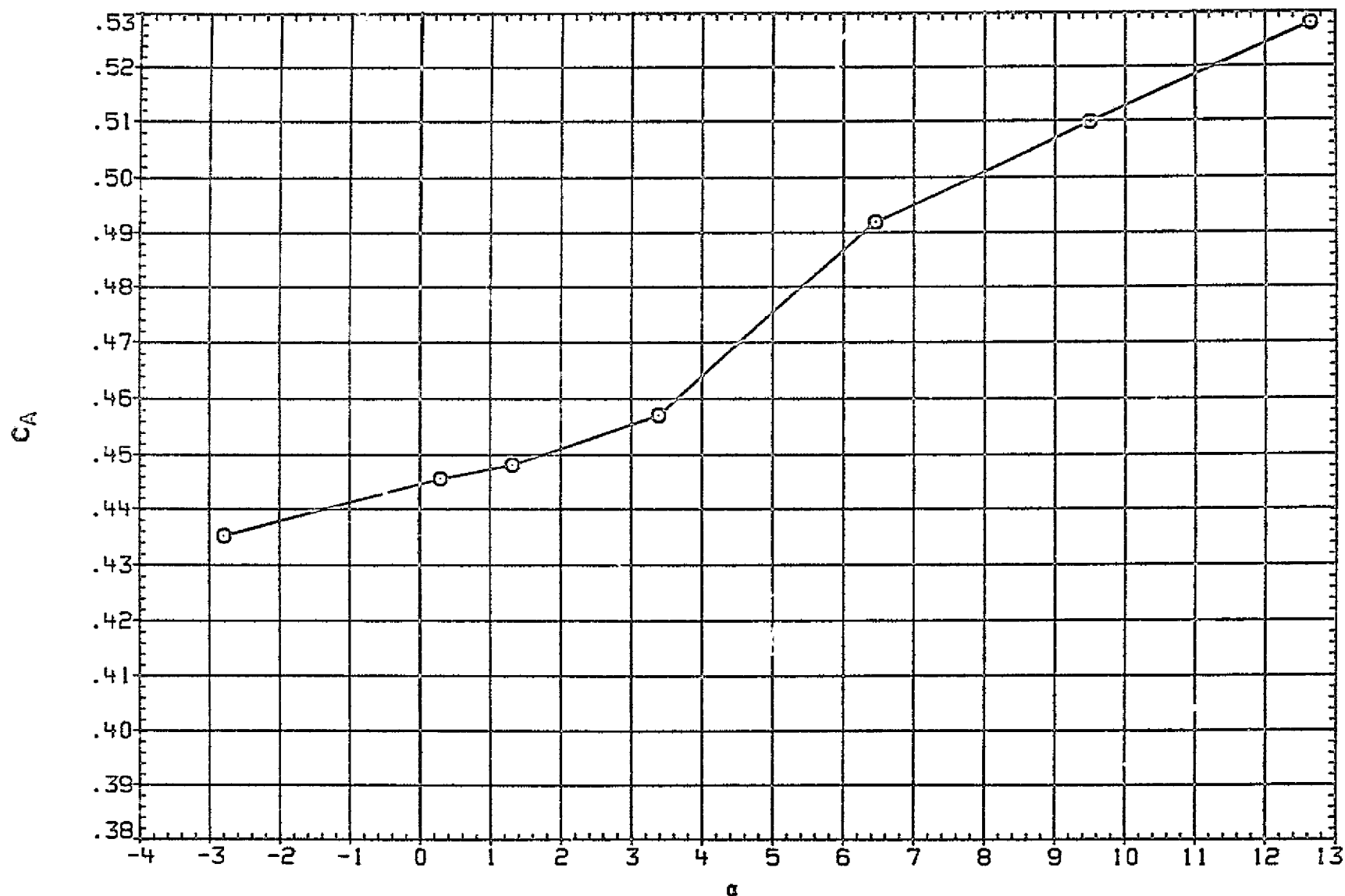


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ235) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.993	BETA	.000
		D1	3.000	D3	3.000
		D2	3.000	D4	3.000
		D1-3	3.000	D2-4	3.000
		PHI-C	45.000	PHI-T	.000

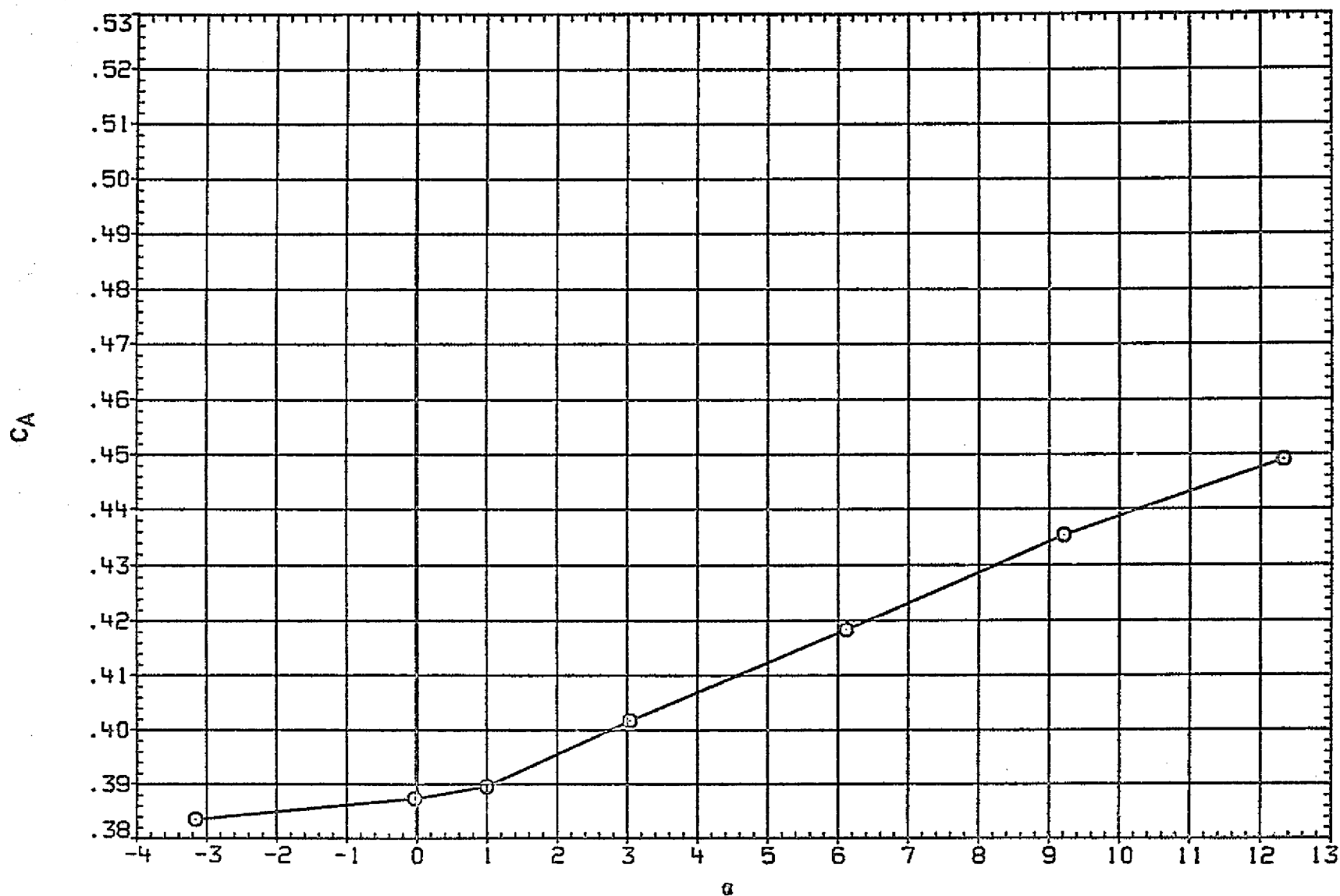


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ235) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.504 BETA .000
□	CYC	D1 3.000 D3 3.000
◇	CYT	D2 3.000 D4 3.000
△	CV8	D1-3 3.000 D2-4 3.000
		PHI-C 45.000 PHI-T .000

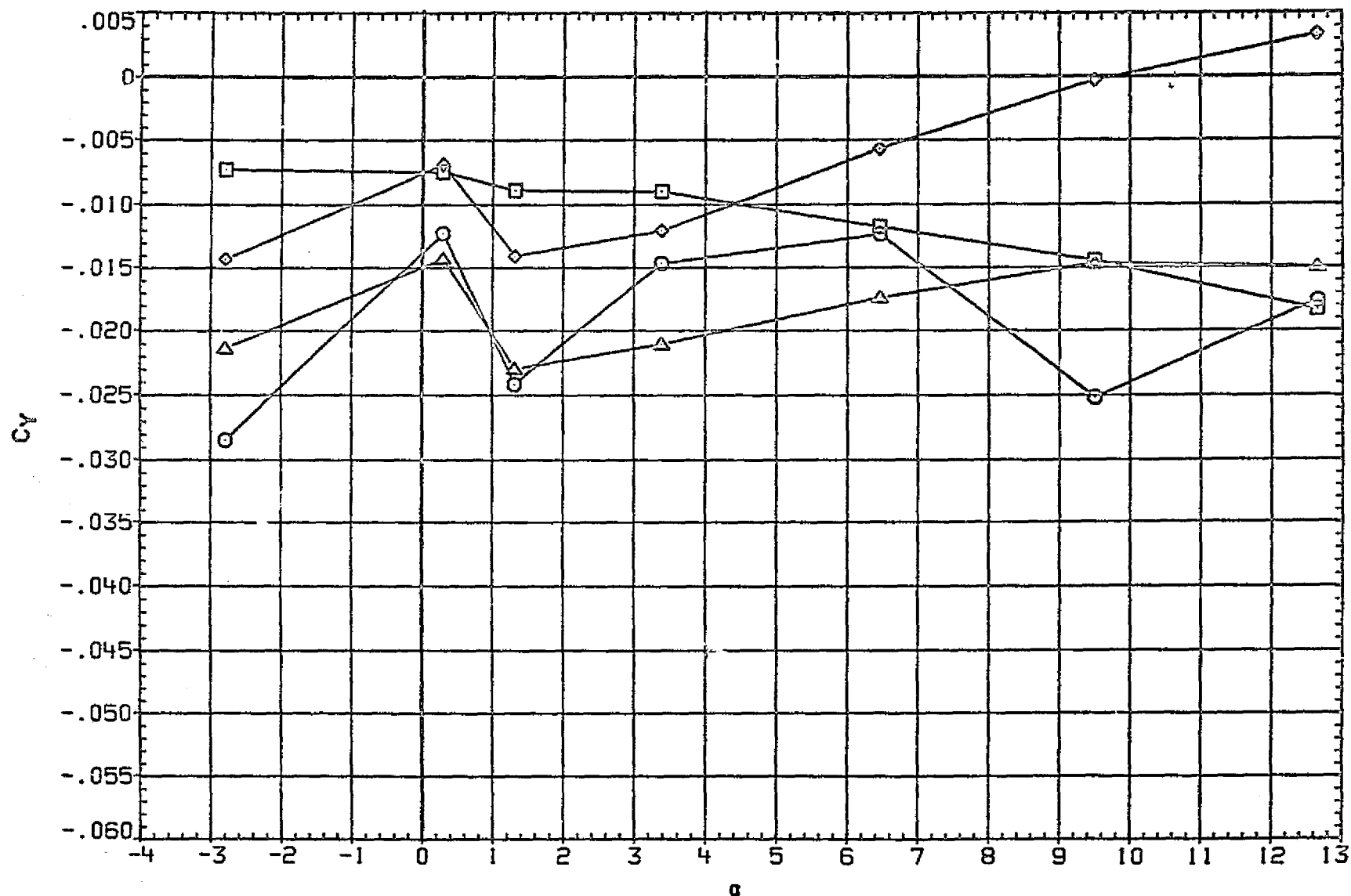


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ235) CONFIGURATION 13 (BNICHT1)

SYMBOL	DATA	PARAMETRIC VALUES
CHC4	CY	HACH 1.993 BETA .000
	CY2	D1 3.000 D3 3.000
	CY3	D2 3.000 D4 3.000
	CY6	D1-3 3.000 D2-4 3.000
		PHI-C 45.000 PHI-T .000

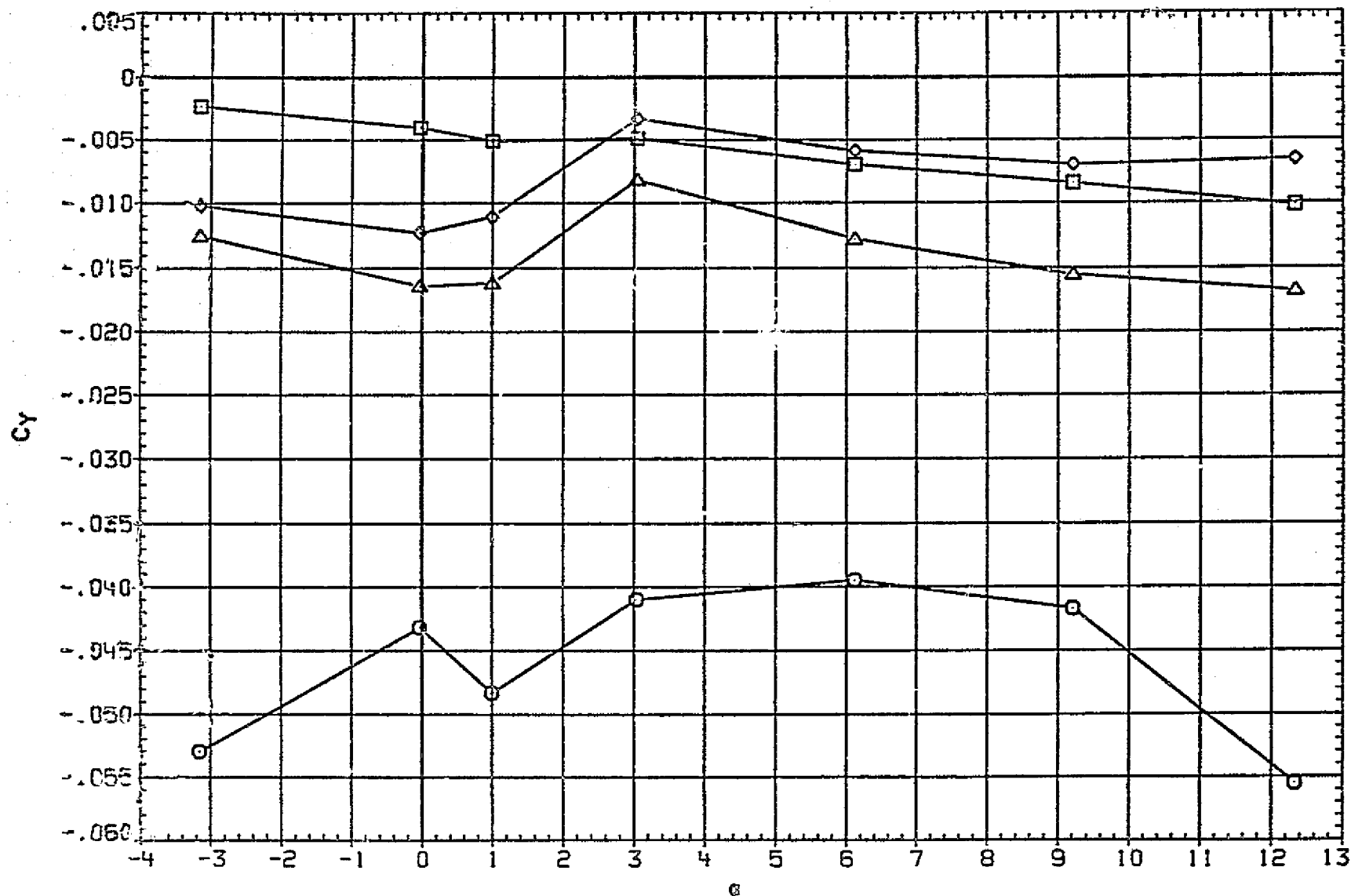


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ235) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CYM	MACH	1.504	BETA	.000
□	CYMC	D1	3.000	D3	3.000
◇	CYMT	D2	3.000	D4	3.000
△	CYMB	D1-3	3.000	D2-4	3.000
		PHI-C	45.000	PHI-T	.000

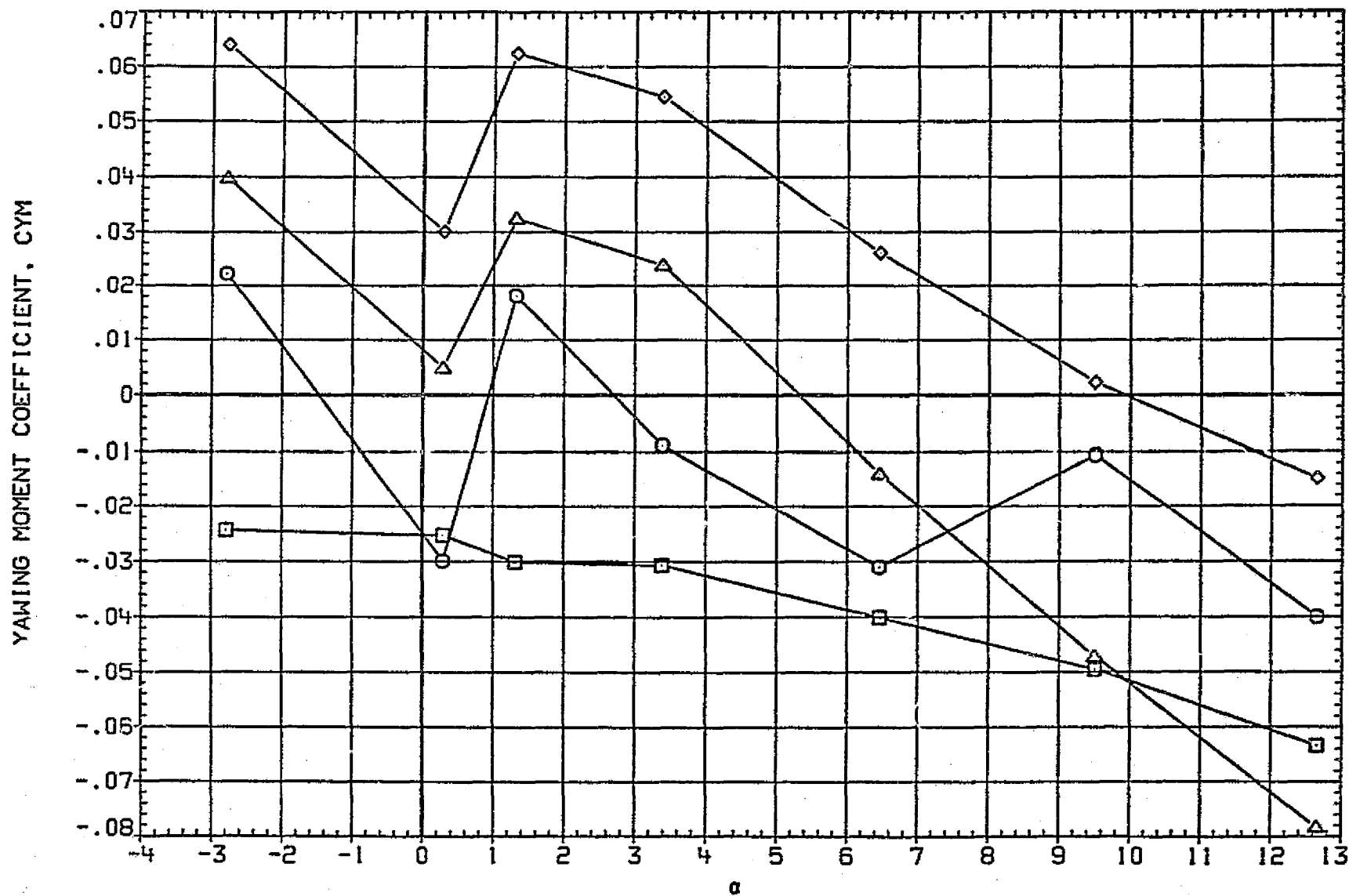


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ235) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.953 BETA .000
□	CYHC	D1 3.000 D3 3.000
△	CYHT	D2 3.000 D4 3.000
△	CYHS	D1-3 3.000 D2-4 3.000
		PHI-C 45.000 PHI-T .000

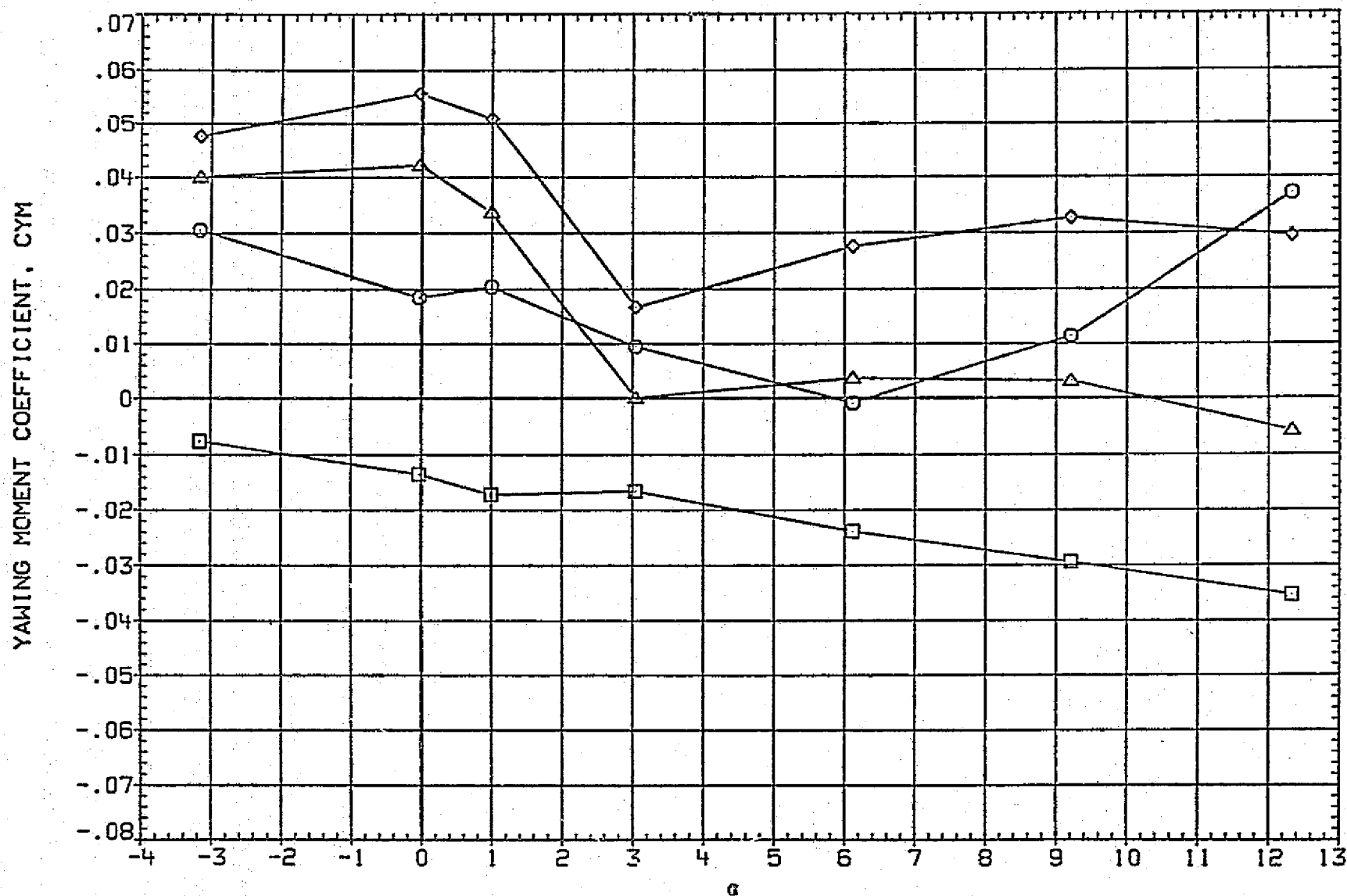


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NE2235) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.504 BETA .000
□	CRM	D1 3.000 D3 3.000
○	CRM	D2 3.000 D4 3.000
△	CRM	D1-3 3.000 D2-4 3.000
	PHI-C	45.000 PHI-T .000

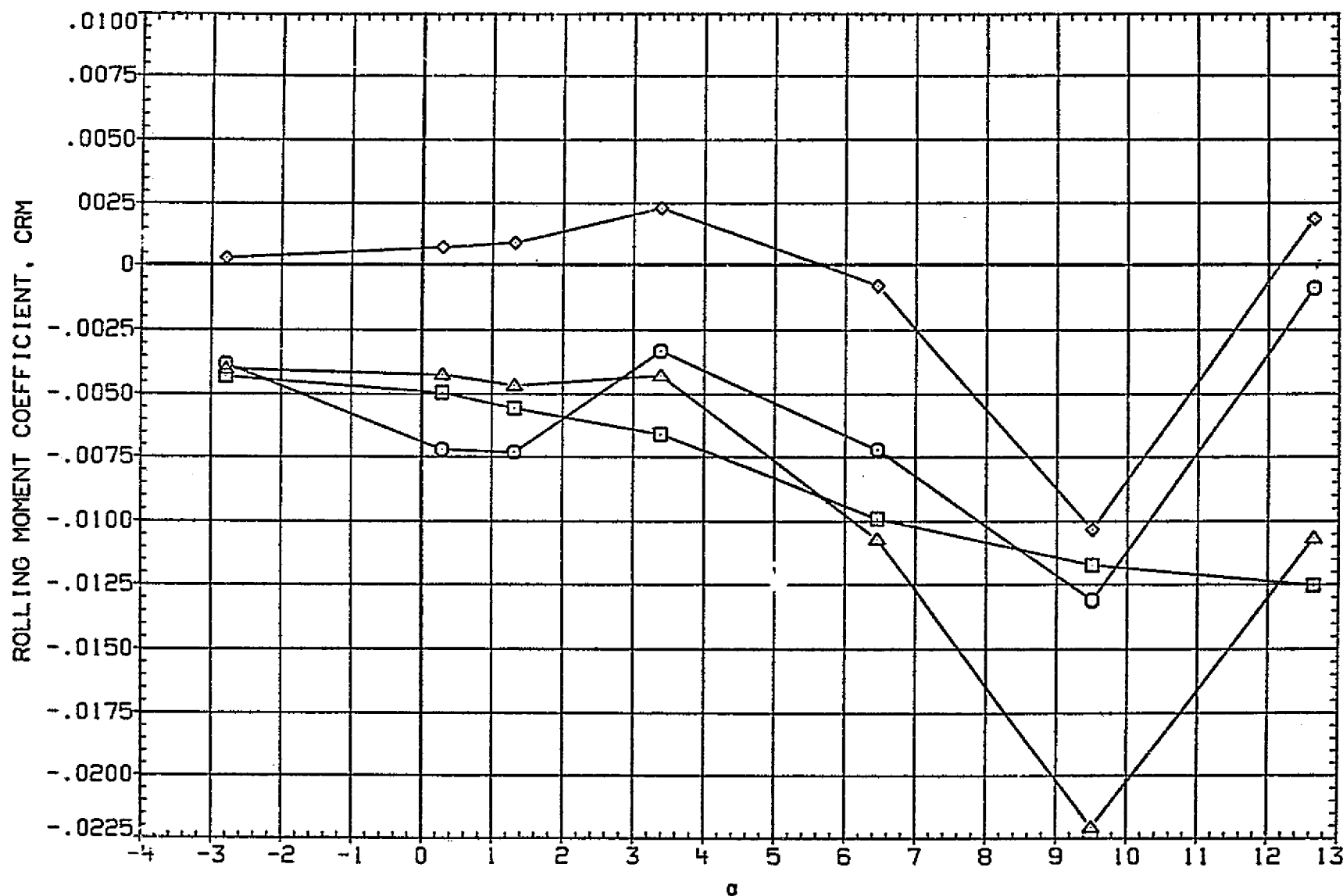


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ235) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.993 BETA .000
□	CRM/C	D1 3.000 D3 3.000
◇	CRM/T	D2 3.000 D4 3.000
△	CRM/B	D1-3 3.000 D2-4 3.000
	PHI-C	45.000 PHI-T .000

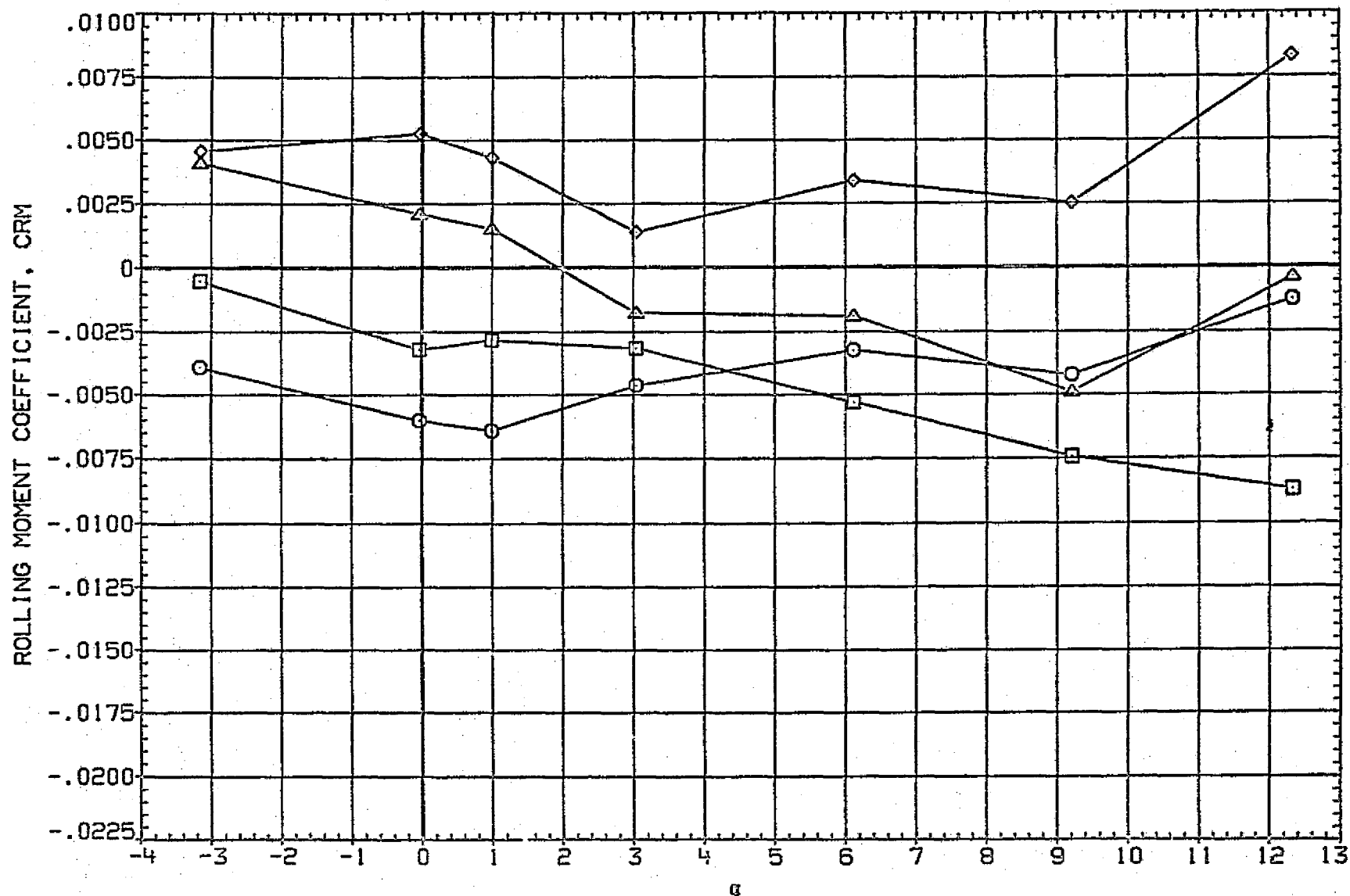


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PE2236) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	1.502	D1	6.000	.000
□	CNC	6.000	D2	6.000	6.000
◇	CNT	6.000	D1-3	6.000	6.000
△	CNB	6.000	PHI-C	45.000	6.000
			PHI-T	.000	

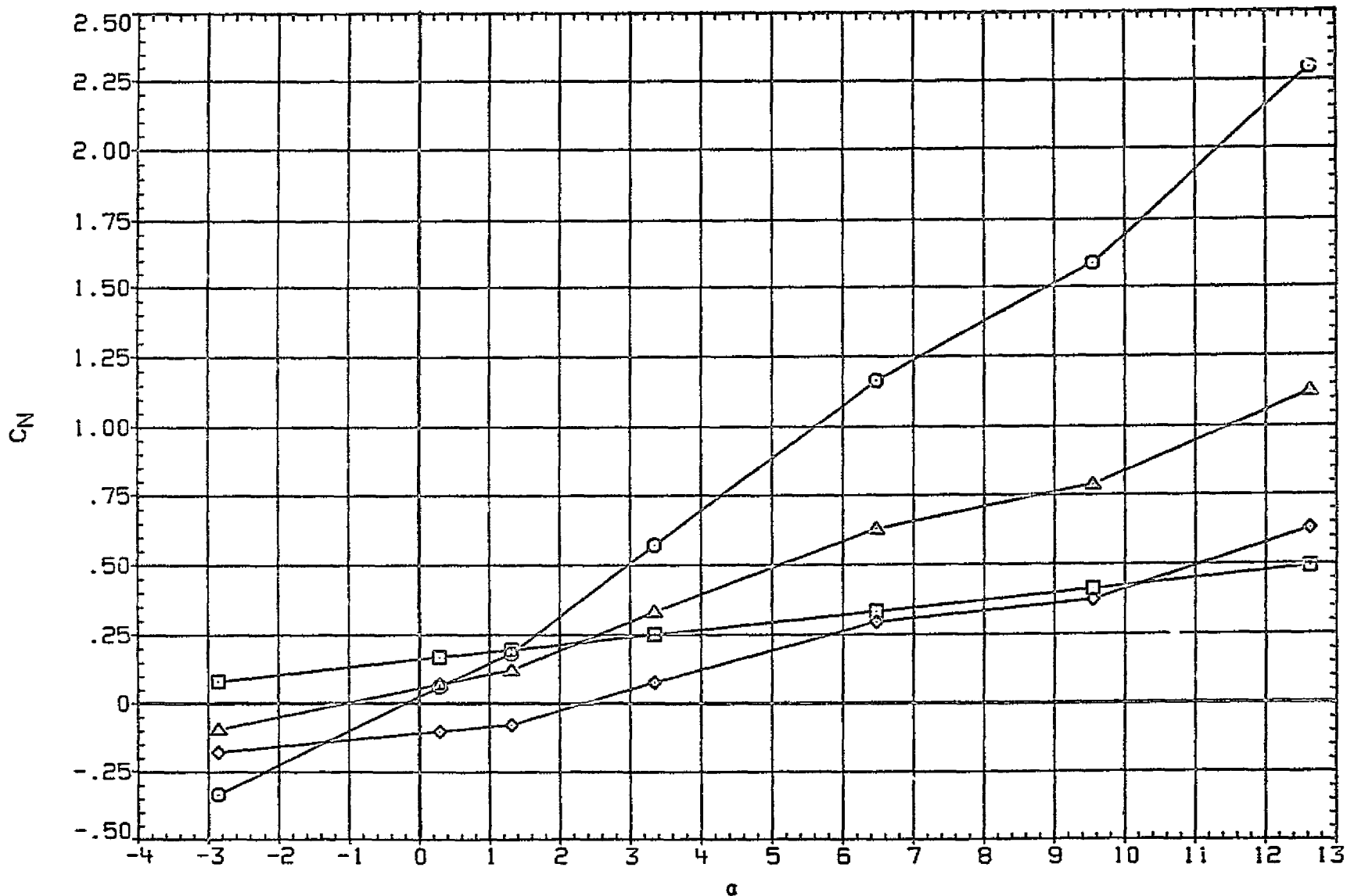


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ236) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.990 BETA .000
□	CNC	D1 6.000 D3 6.000
◇	CNT	D2 6.000 D4 6.000
△	CNB	D1-3 6.000 D2-4 6.000
	PHI-C	45.000 PHI-T .000

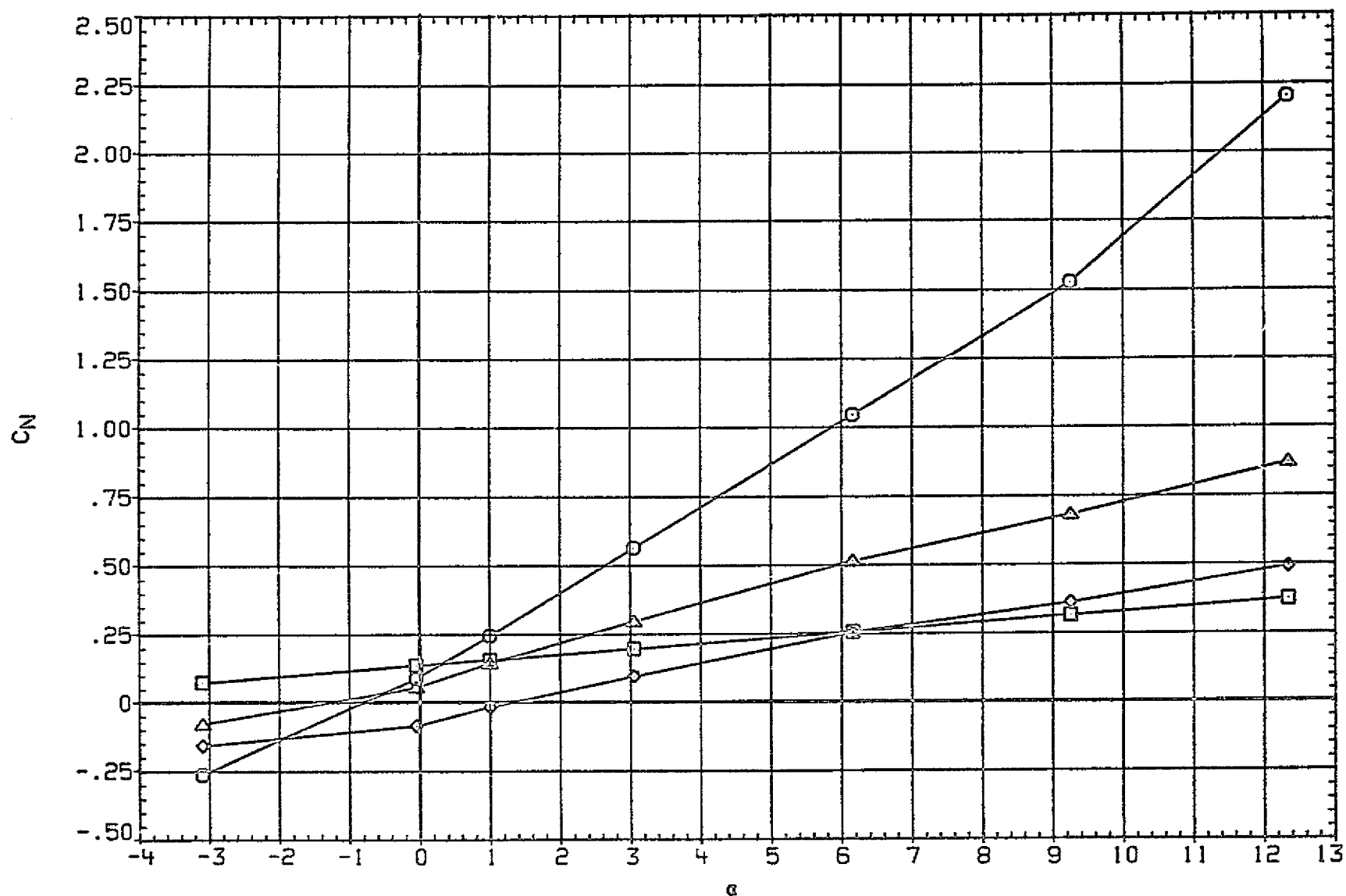


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PE2236) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.502	BETA	.000
□	CMC	D1	6.000	D3	6.000
◇	CMT	D2	6.000	D4	6.000
△	CM3	D1-3	6.000	D2-4	6.000
		PHI-C	45.000	PHI-T	.000

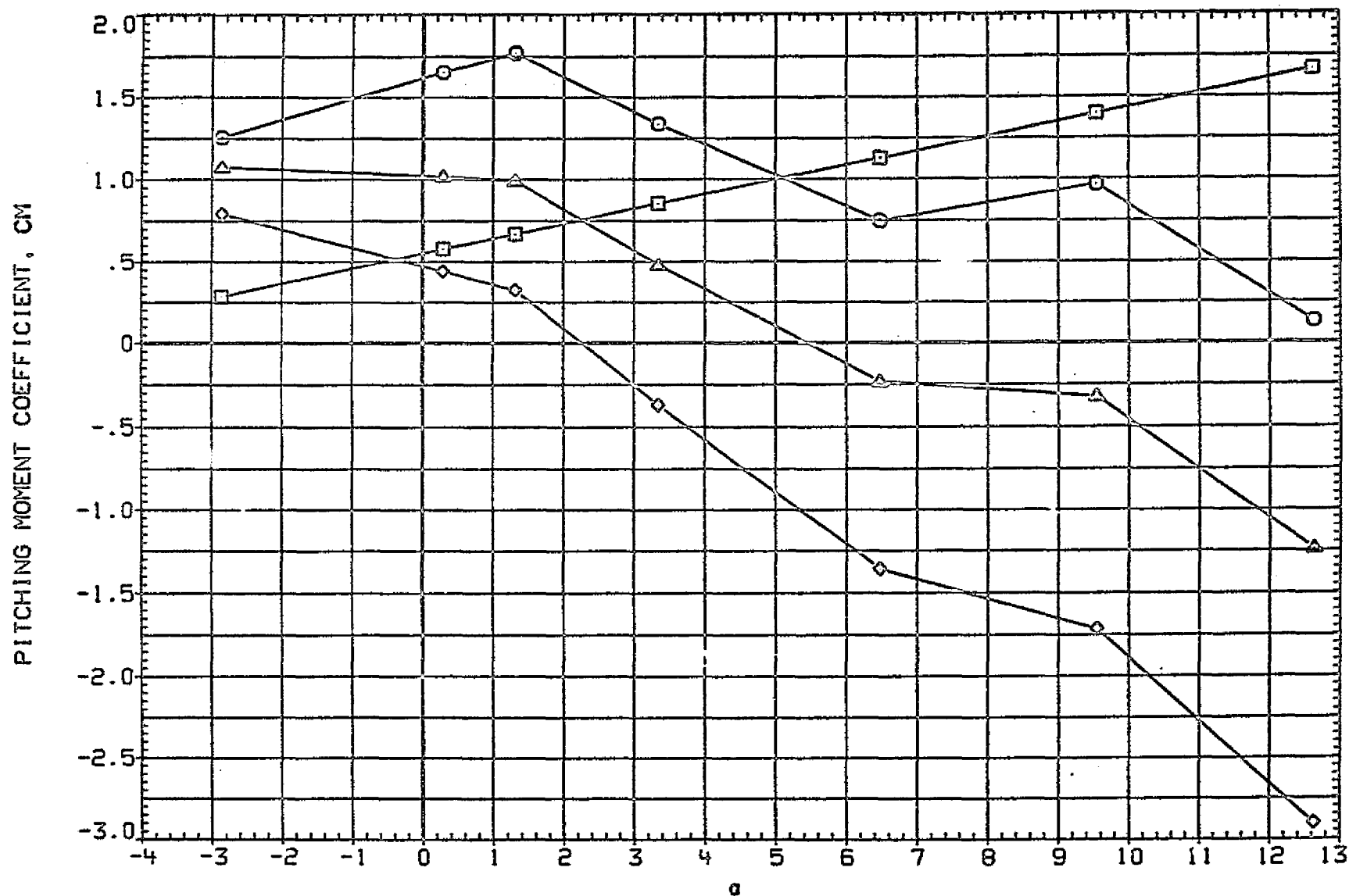


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ236) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.990 BETA .000
□	CMC	D1 6.000 D3 6.000
◇	CMT	D2 6.000 D4 6.000
△	CM9	D1-3 6.000 D2-4 6.000
		PHI-C 45.000 PHI-T .000

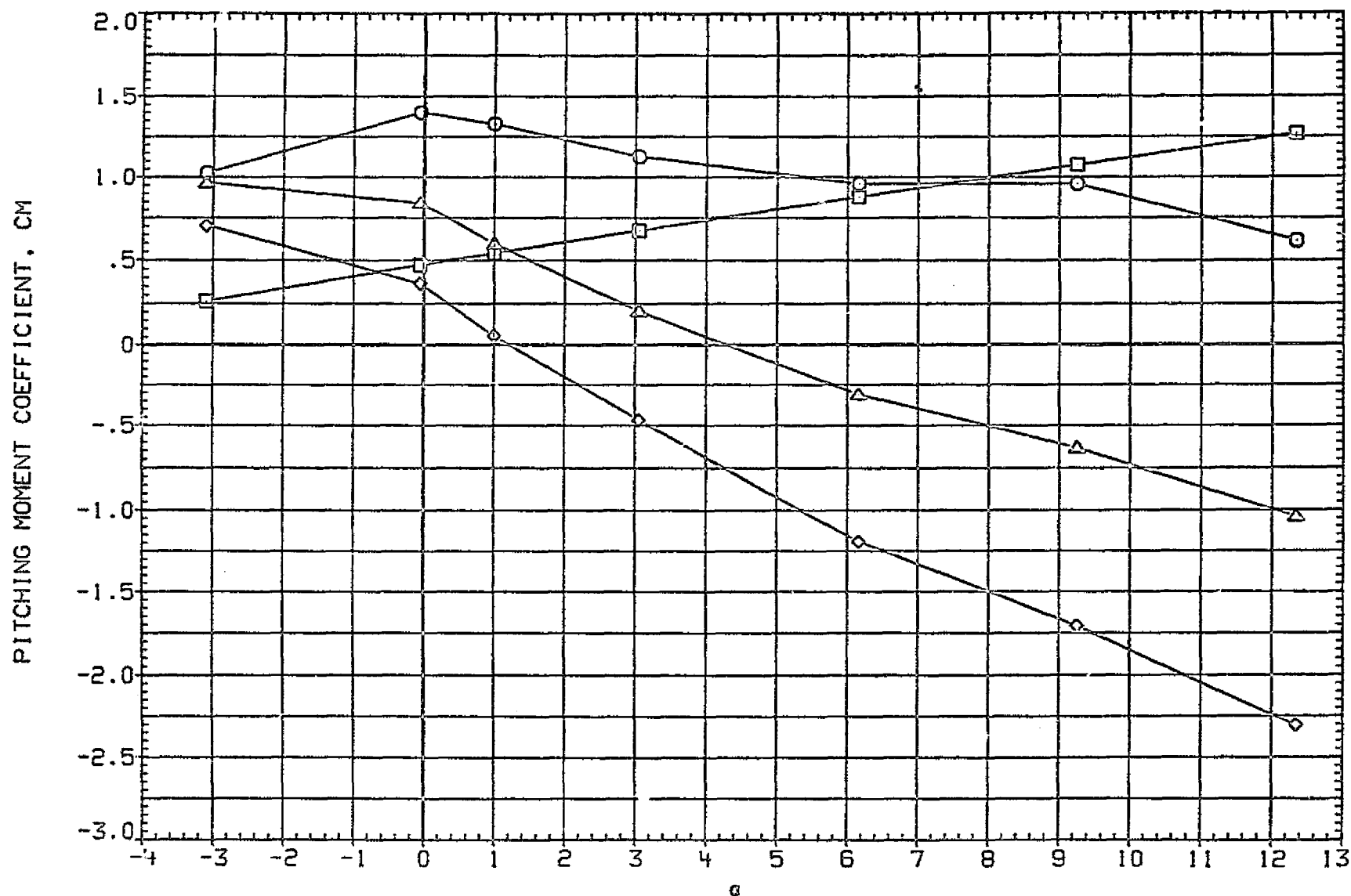


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(TEZ22)

SYMBOL
O

CONFIGURATION 13 (BNIC4T1)

PARAMETRIC VALUES

MACH	1.502	BETA	.000
D1	6.000	D3	6.000
D2	6.000	D4	6.000
D1-3	6.000	D2-4	6.000
PHI-C	45.000	PHI-T	.000

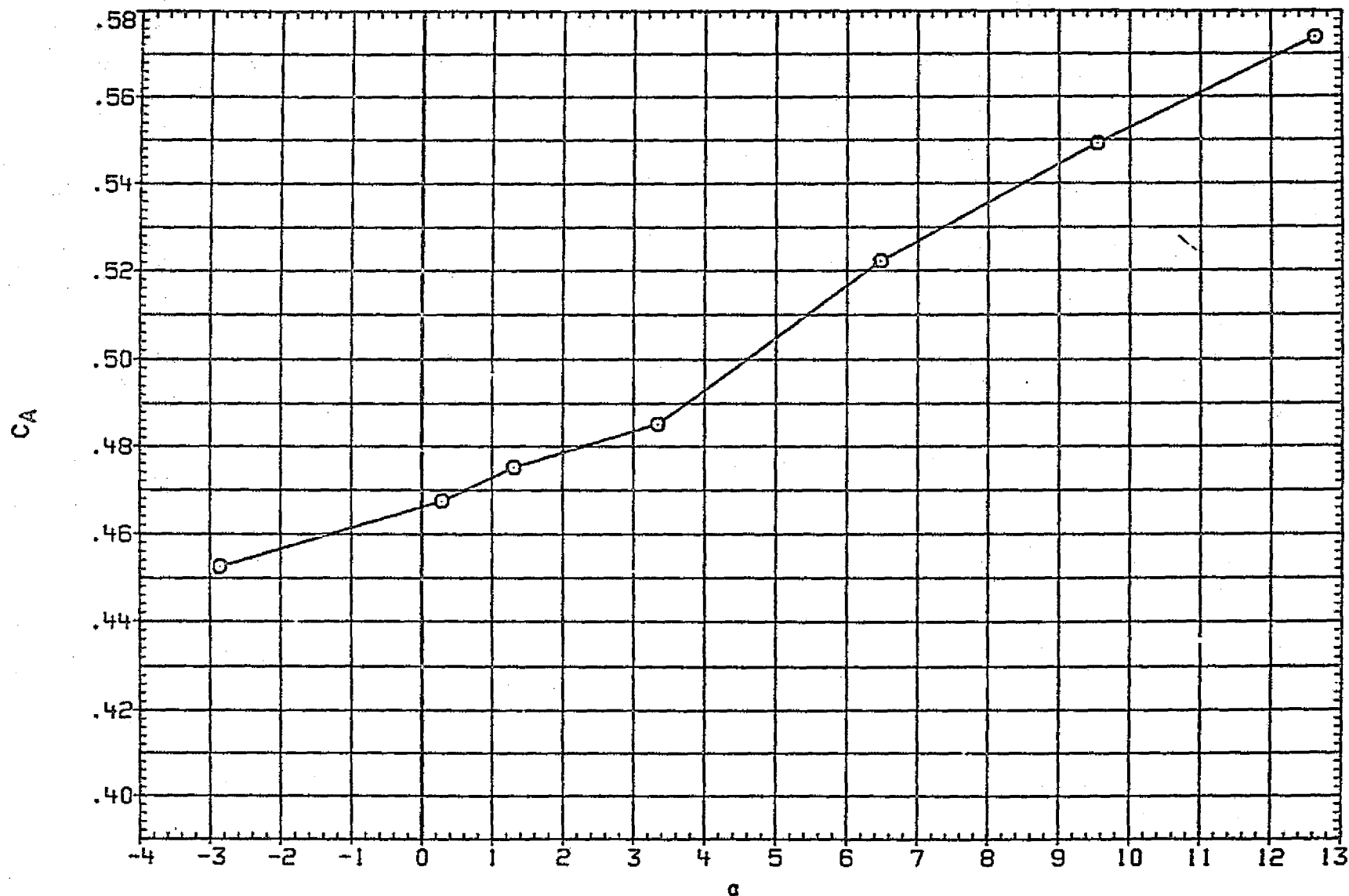


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(TE2236) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.990	BETA	.000
		D1	6.000	D3	6.000
		D2	6.000	D4	6.000
		D1-3	6.000	D2-4	6.000
		PHI-C	45.000	PHI-T	.000

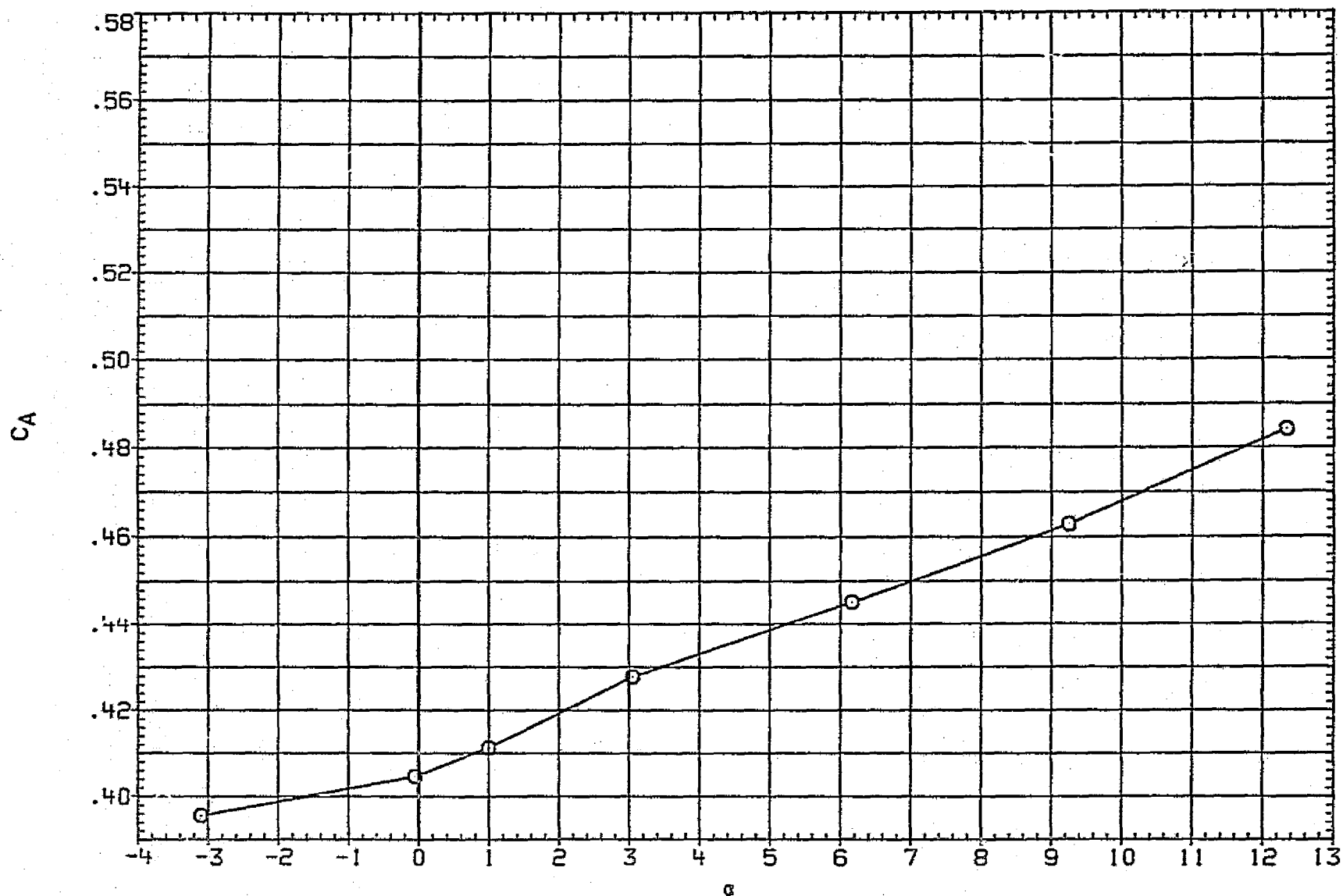


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2236) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.502 BETA .000
□	CYC	D1 6.000 D3 6.000
◇	CYT	D2 6.000 D4 6.000
△	CYB	D1-3 6.000 D2-4 6.000
		PHI-C 45.000 PHI-T .000

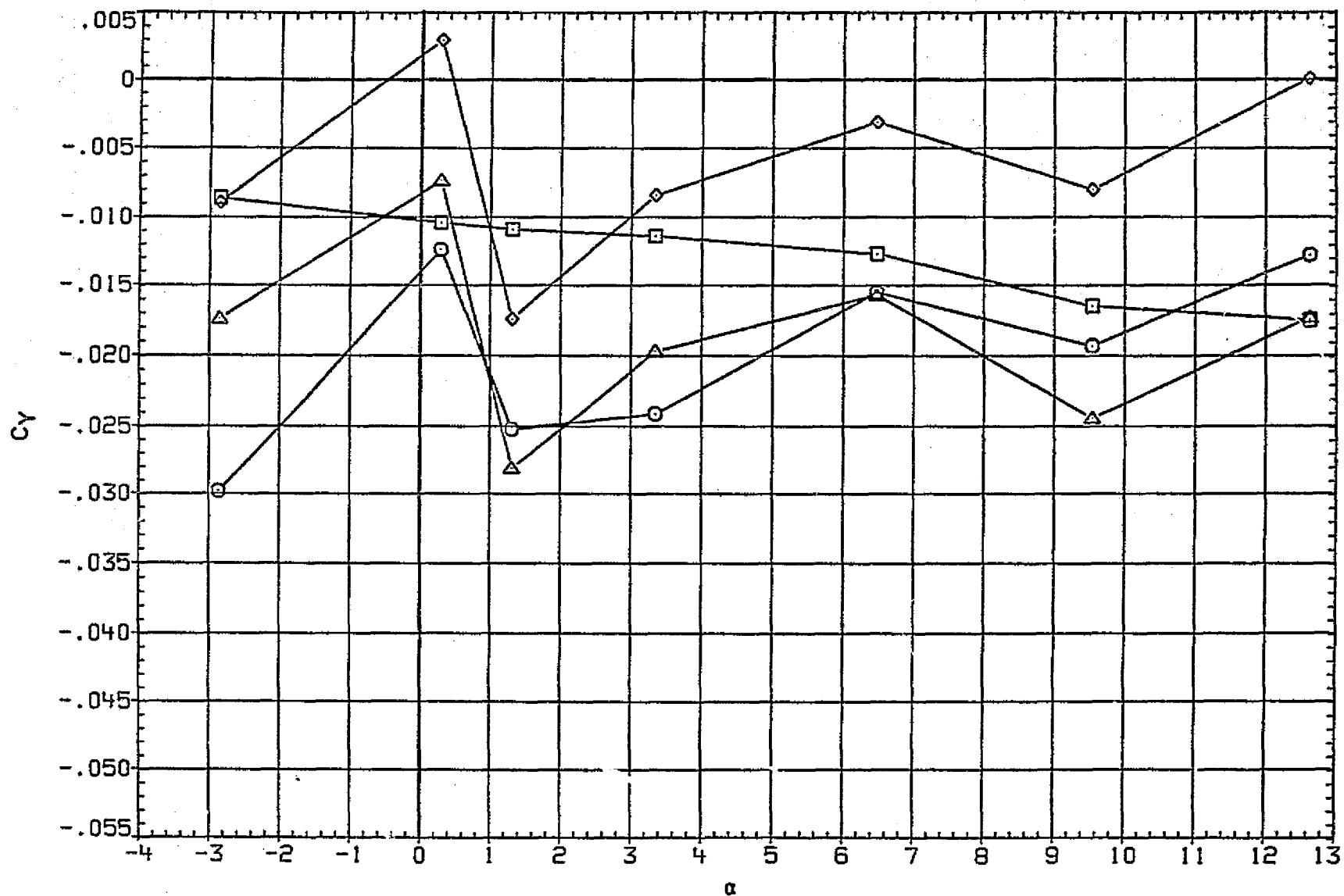


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2236) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.990 BETA .000
□	CYC	D1 6.000 D3 6.000
◇	CYT	D2 6.000 D4 6.000
△	CYB	D1-3 6.000 D2-4 6.000
		PHI-C 45.000 PHI-T .000

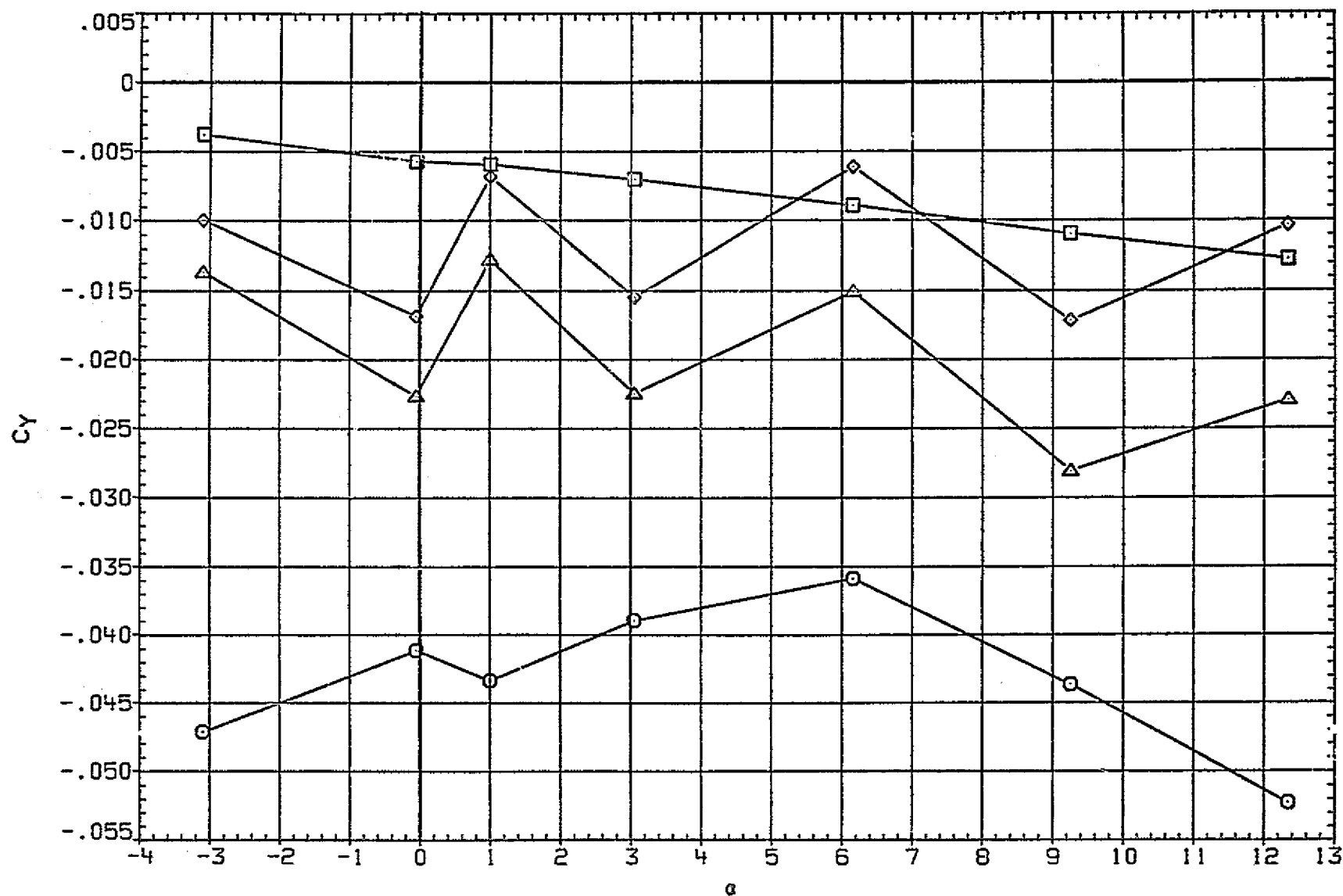


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2235) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.502 BETA .000
□	CYMC	D1 6.000 D3 6.000
△	CYMT	D2 6.000 D4 6.000
◇	CYMB	D1-3 6.000 D2-4 6.000
		PHI-C 45.000 PHI-T .000

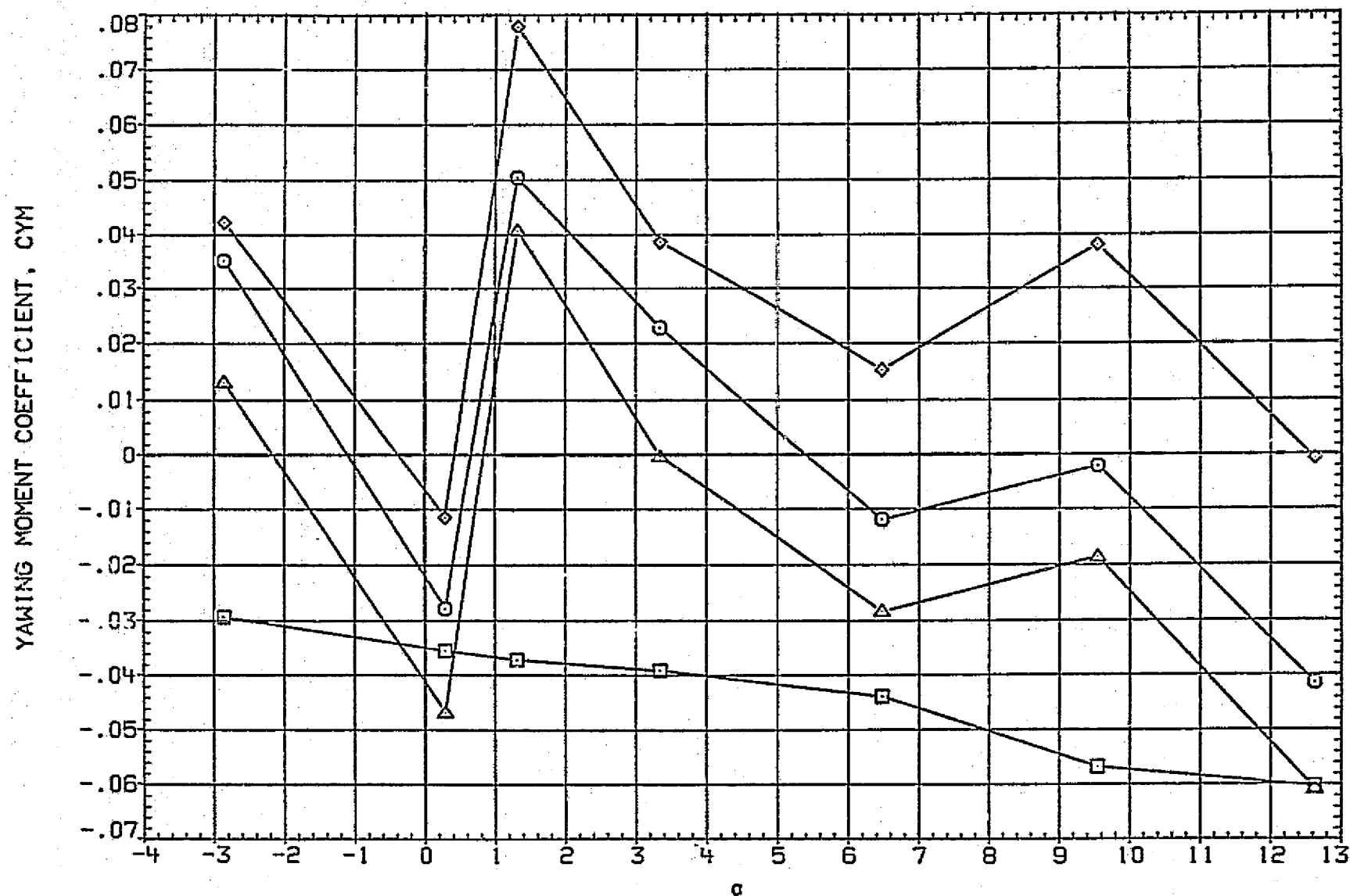


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2236) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.990 BETA .000
□	CYMC	D1 6.000 D3 6.000
△	CYMT	D2 6.000 D4 6.000
◇	CYMB	D1-3 6.000 D2-4 6.000
		PHI-C 45.000 PHI-T .000

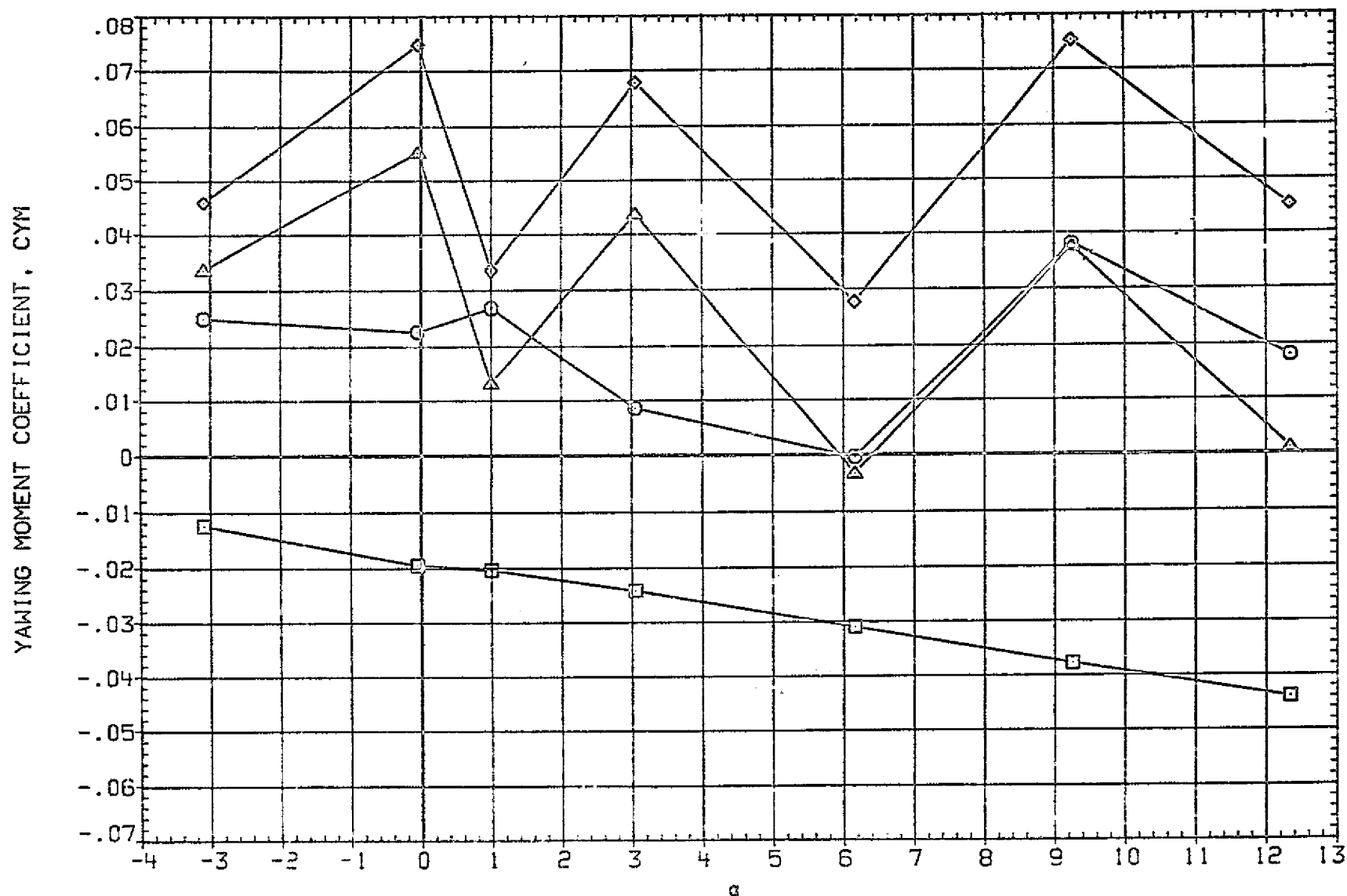


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(SE2236) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
○	CRM	1.502	D3	.000
□	CRM C	6.000	D4	6.000
◇	CRM T	6.000	D2-4	6.000
△	CRM B	45.000	PHI-T	.000

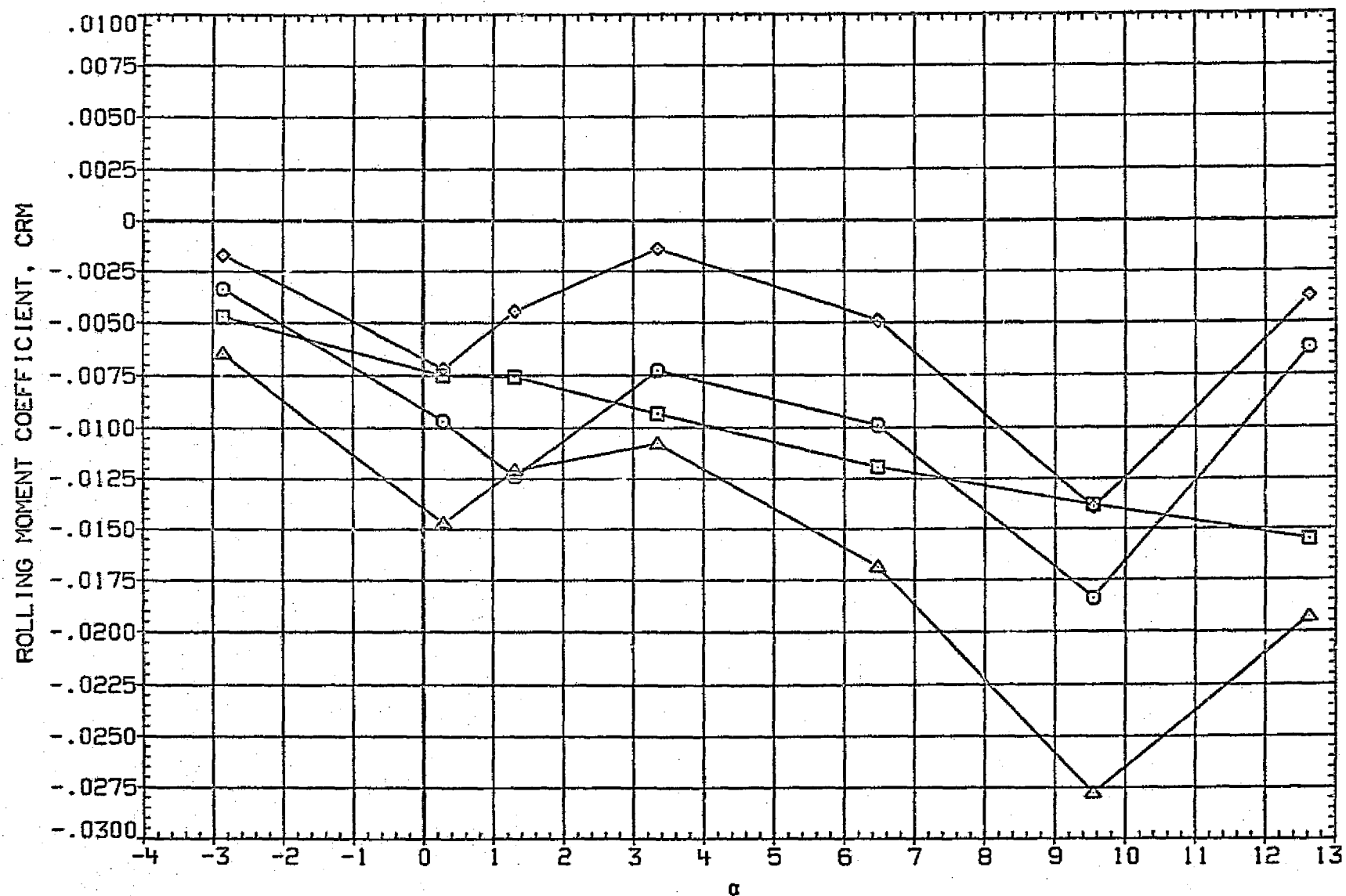


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(SEZ236) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.990 BETA .000
□	CRM	D1 6.000 D3 6.000
◇	CRM	D2 6.000 D4 6.000
△	CRM	D1-3 6.000 D2-4 6.000
		PHI-C 45.000 PHI-T .000

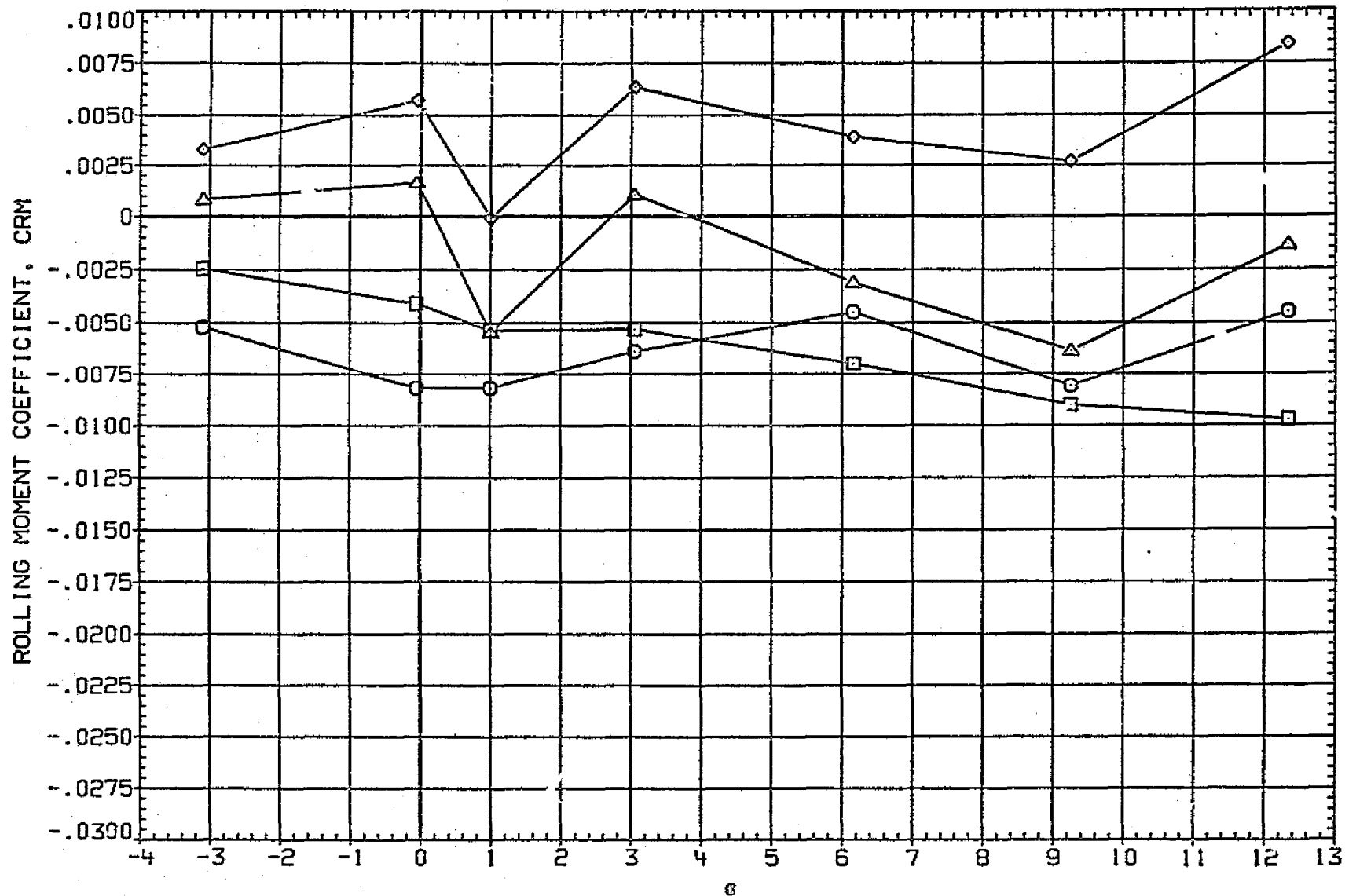


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ237)

CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MAC-I 1.502 BETA .000
□	CNC	D1 9.000 D3 9.000
◇	CNT	D2 9.000 D4 9.000
△	CNB	D1-3 9.000 D2-4 9.000
		PHI-C 45.000 PHI-T .000

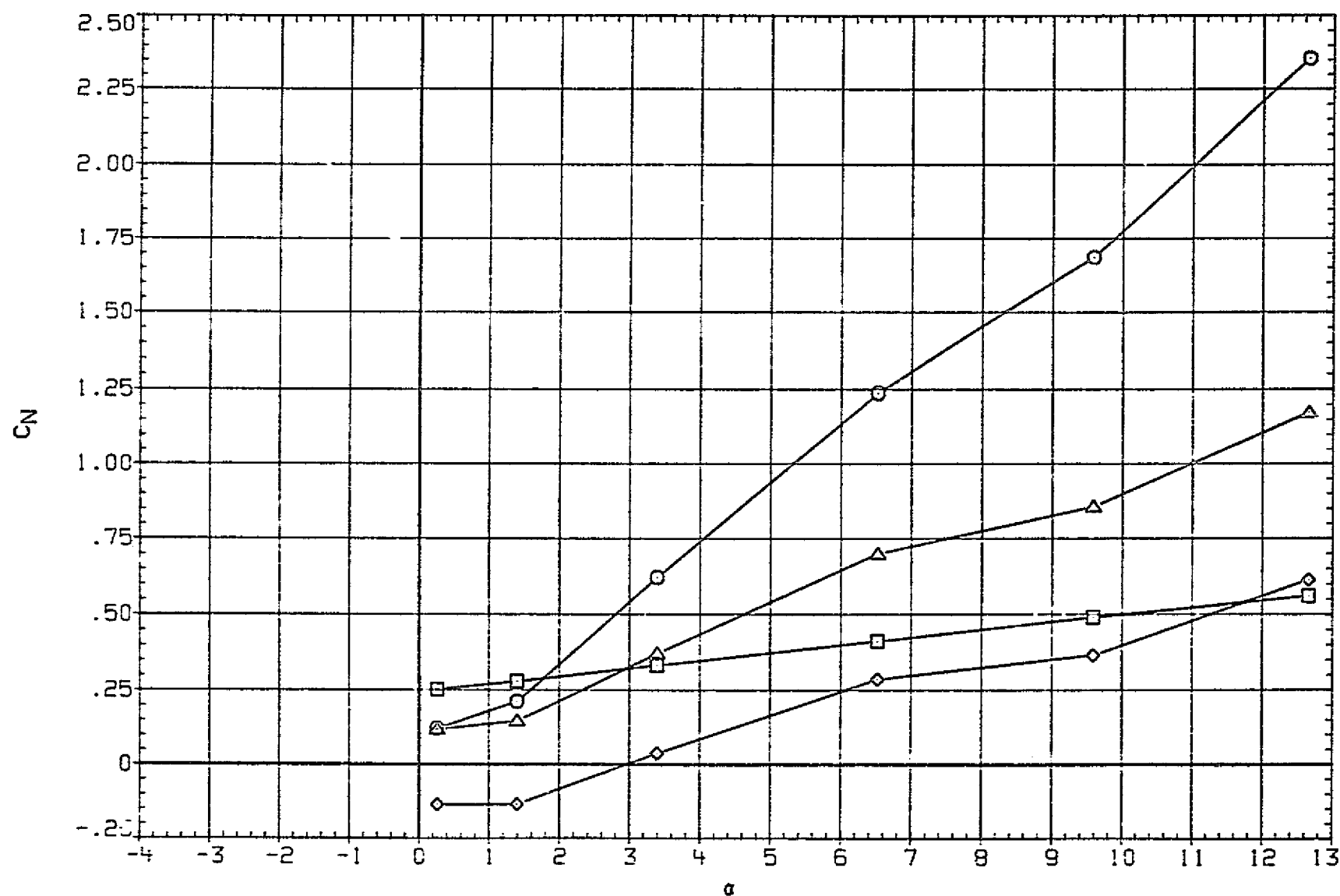


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ237) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.995	BETA	.000
□	CNC	D1	9.000	D3	9.000
◇	CNT	D2	9.000	D4	9.000
△	CNB	D1-3	9.000	D2-4	9.000
		PHI-C	45.000	PHI-T	.000

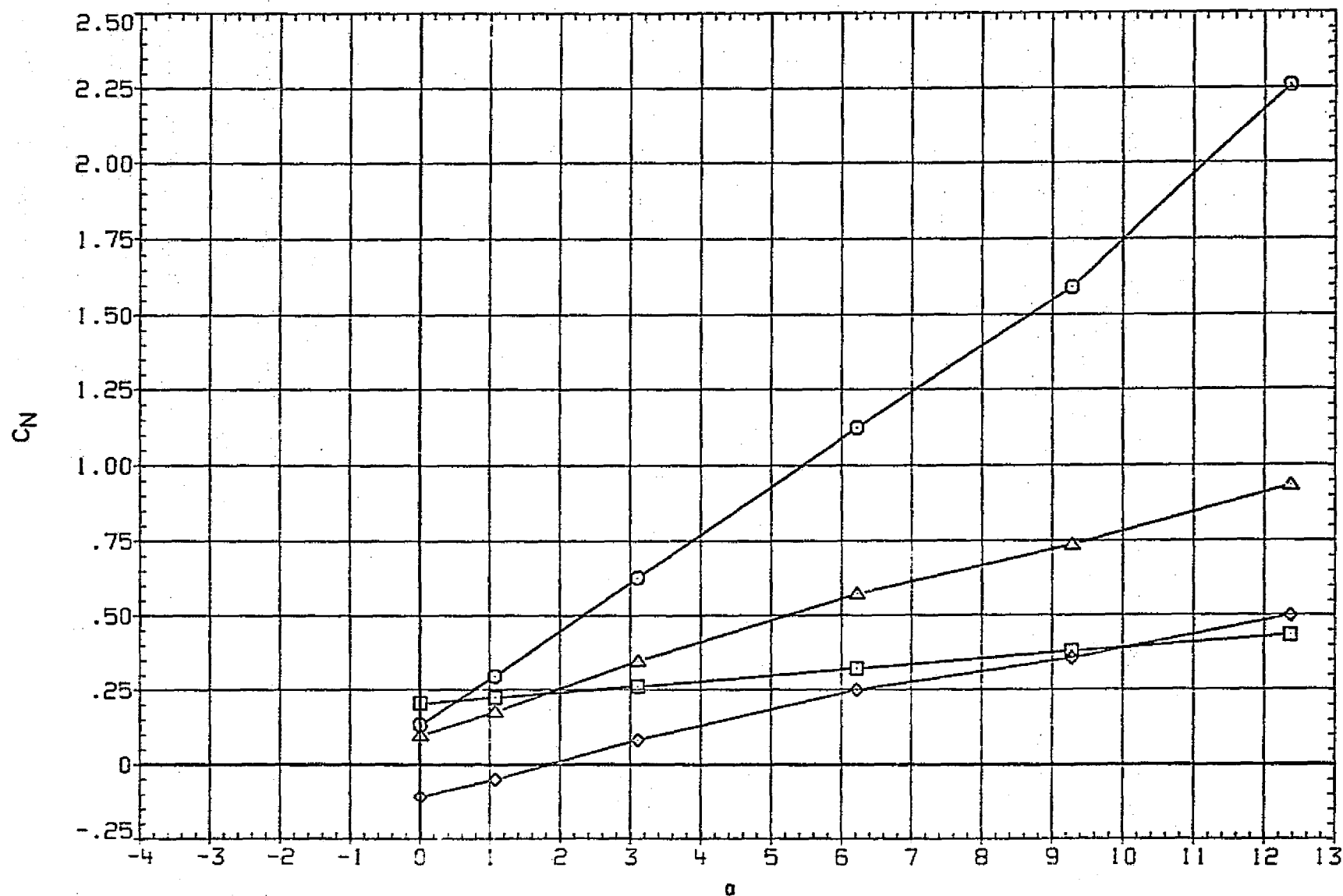


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ237) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CM	1.502	BETA .000
□	CMC	9.000	D3 9.000
◇	CHT	9.000	D4 9.000
△	CHB	9.000	D2-4 9.000
		PHI-C 45.000	PHI-T .000

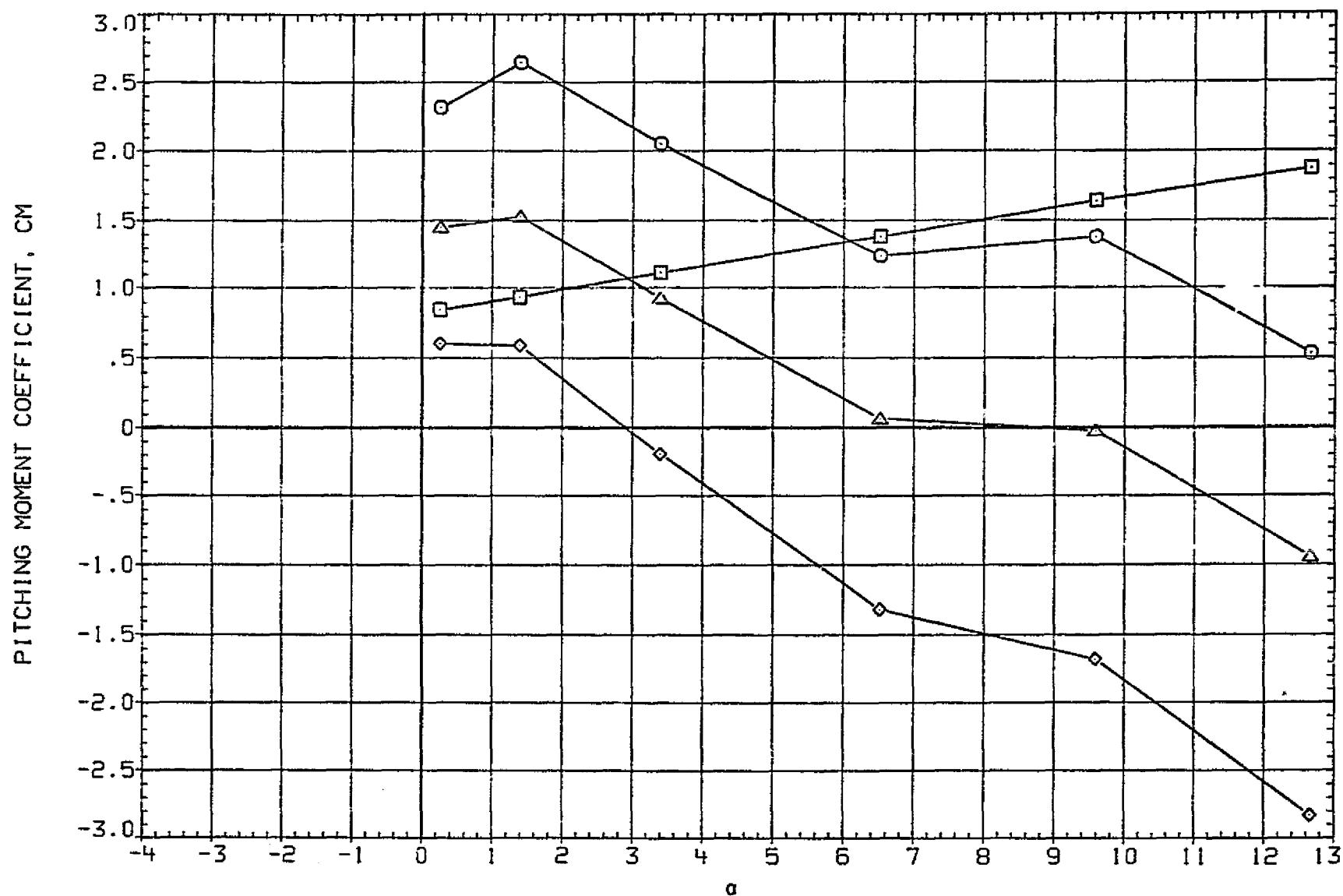


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ237) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.995	BETA	.000
□	CMC	D1	9.000	D3	9.000
◇	CMT	D2	9.000	D4	9.000
△	CMB	D1-3	9.000	D2-4	9.000
		PHI-C	45.000	PHI-T	.000

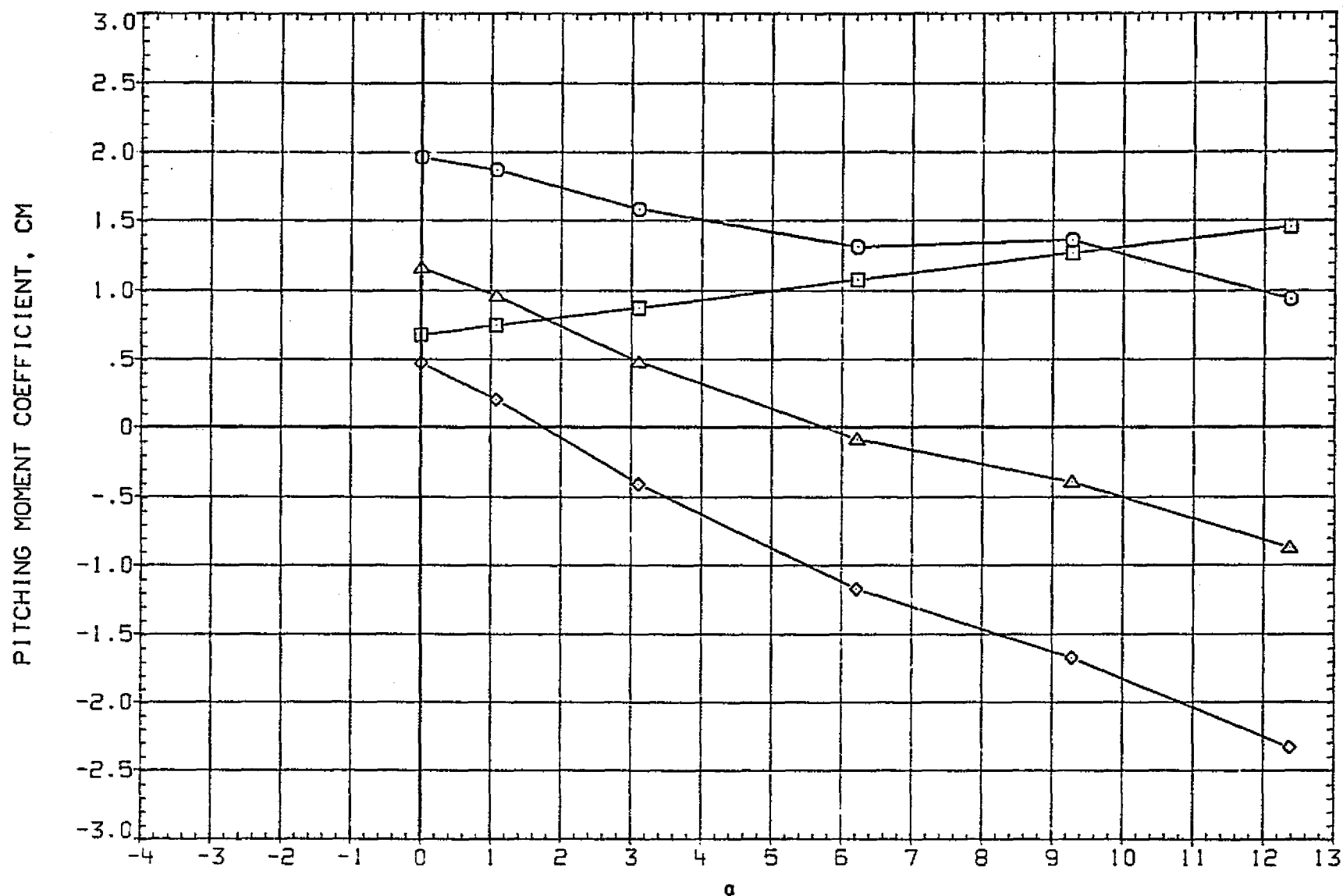


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(TEZ237)

CONFIGURATION 13 (BNIC4T1)

SYMBOL

DATA

PARAMETRIC VALUES

O

CA

MACH

1.502

BETA

.000

D1

9.000

D3

9.000

D2

9.000

D4

9.000

D1-3

9.000

D2-4

9.000

PHI-C

45.000

PHI-I

.000

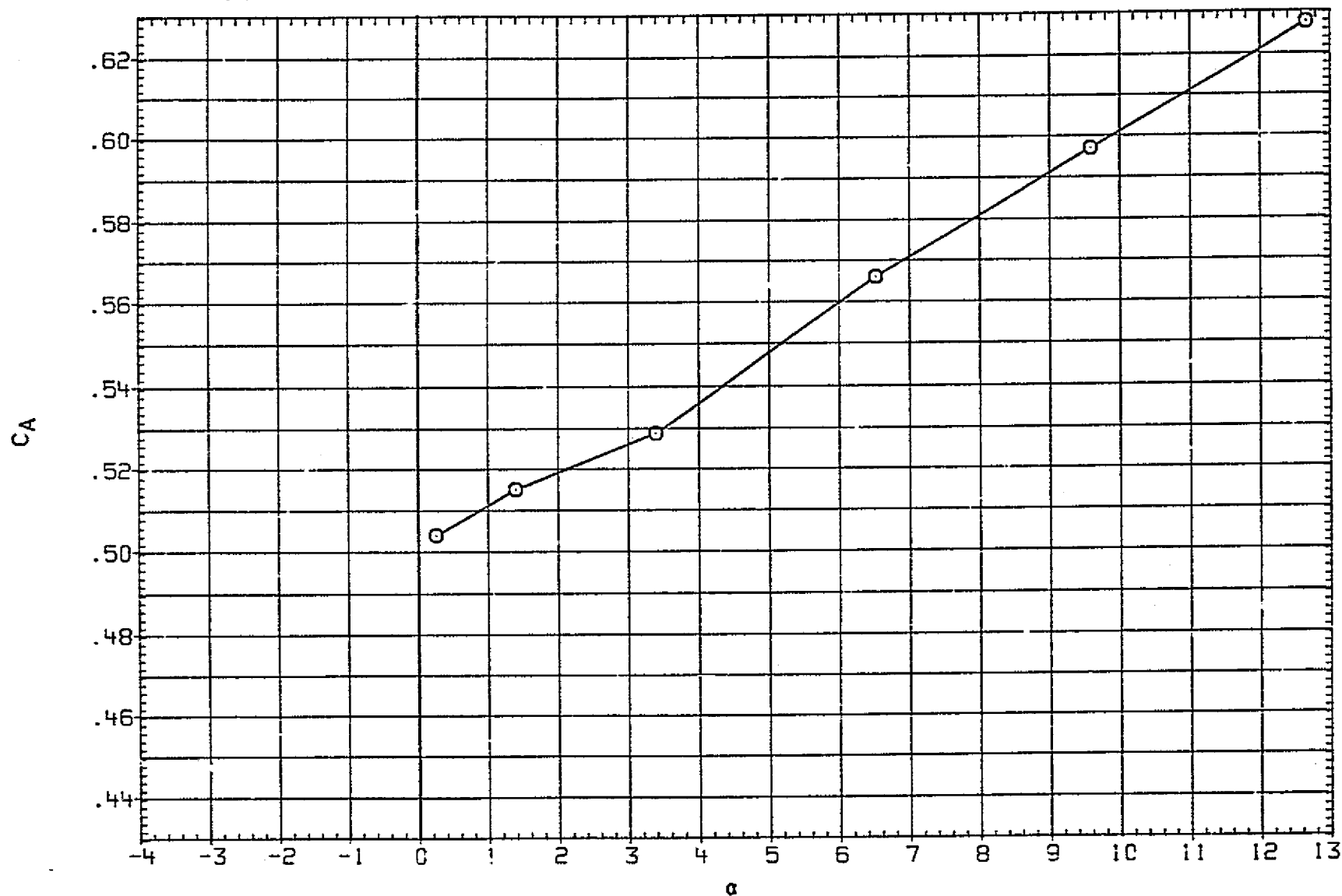


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(TEZ237) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.995	BETA	.000
		D1	9.000	D3	9.000
		D2	9.000	D4	9.000
		D1-3	9.000	D2-4	9.000
		PHI-C	45.000	PHI-T	.000

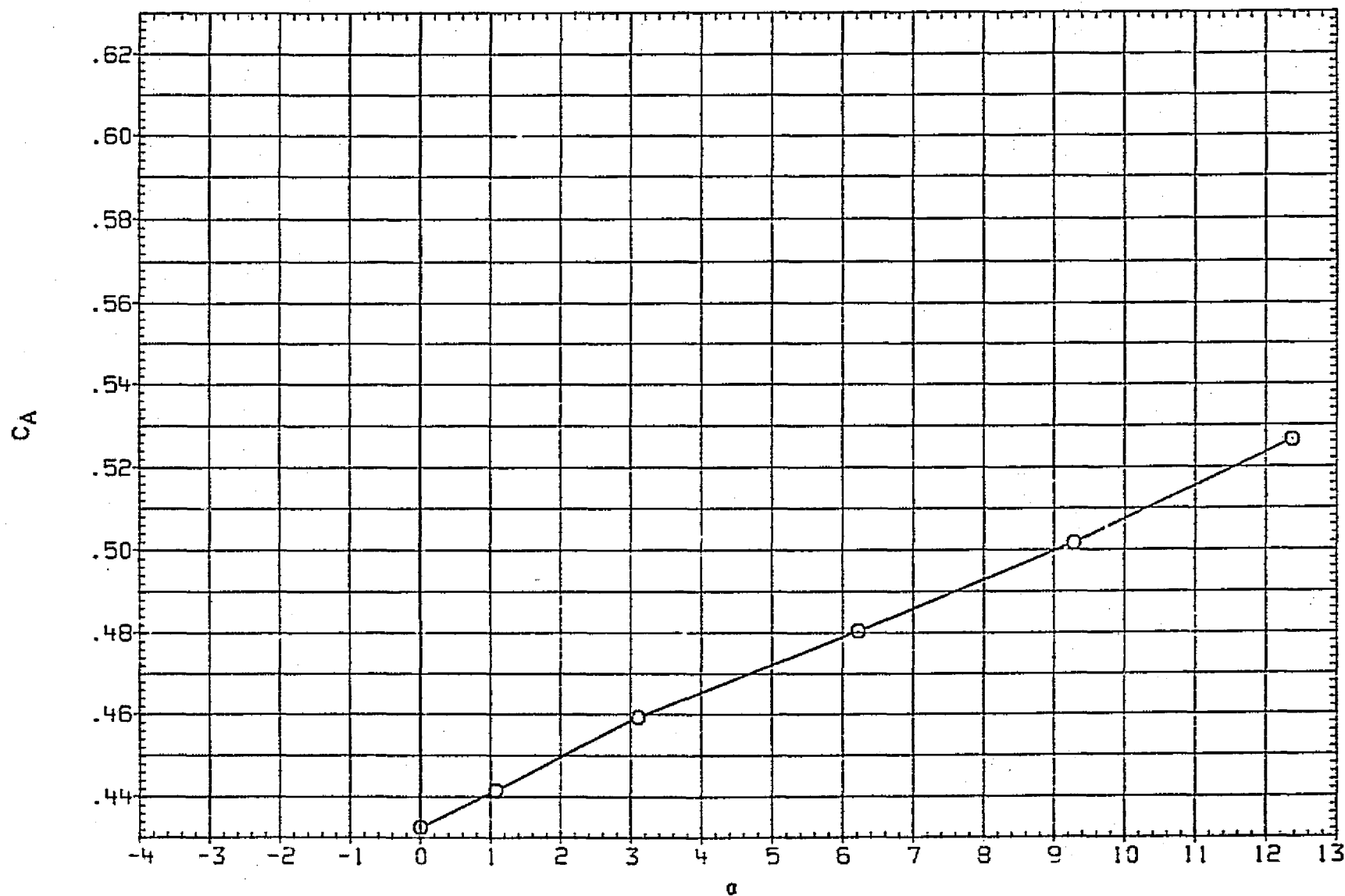


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2237) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.502 BETA .000
□	CYC	D1 9.000 D3 9.000
◇	CYT	D2 9.000 D4 9.000
△	CYB	D1-3 9.000 D2-4 9.000
		PHI-C 45.000 PHI-T .000

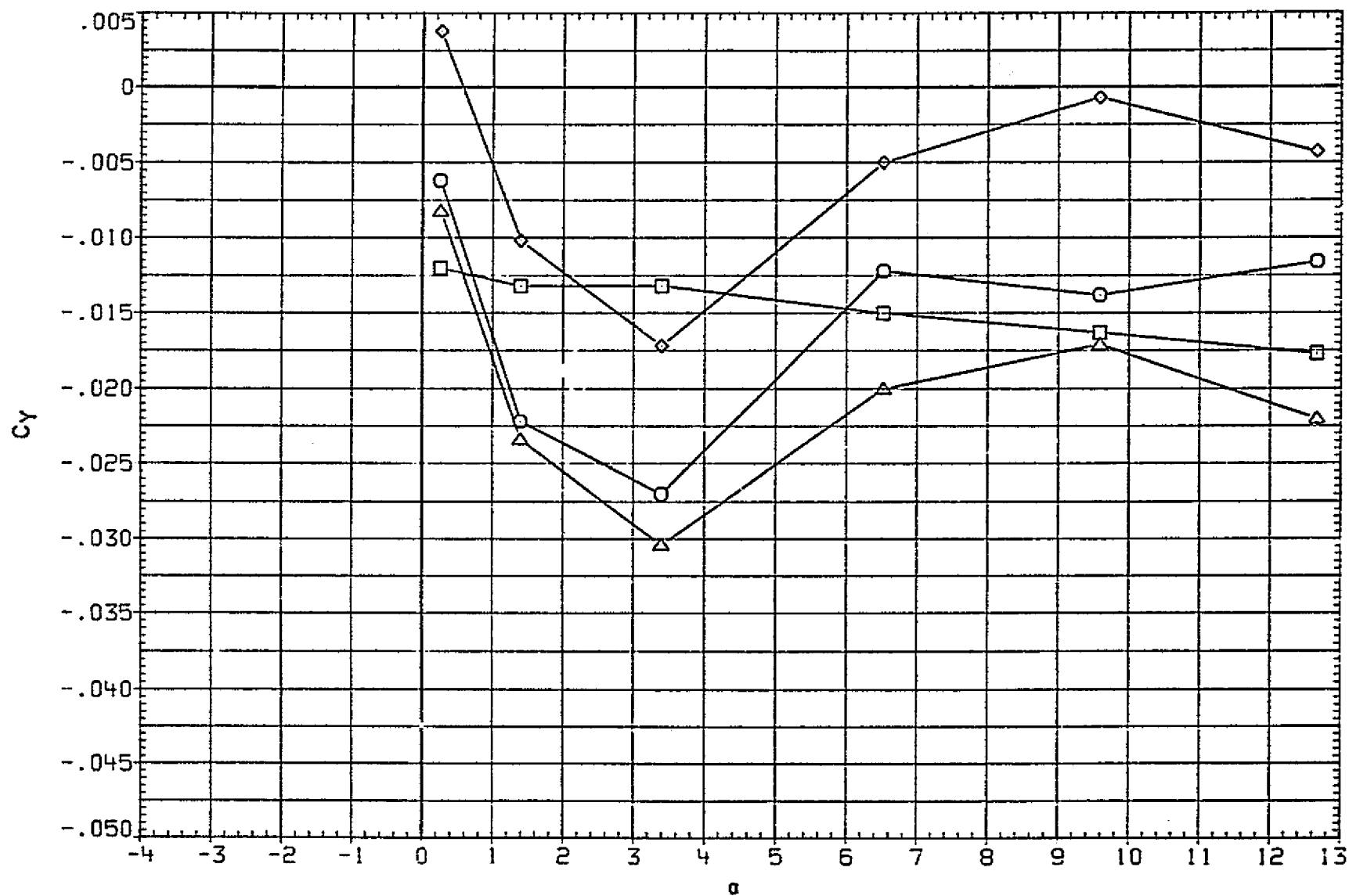


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2237) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYC	D1 9.000 D3 9.000
◇	CYT	D2 9.000 D4 9.000
△	CYB	D1-3 9.000 D2-4 9.000
		PHI-C 45.000 PHI-T .000

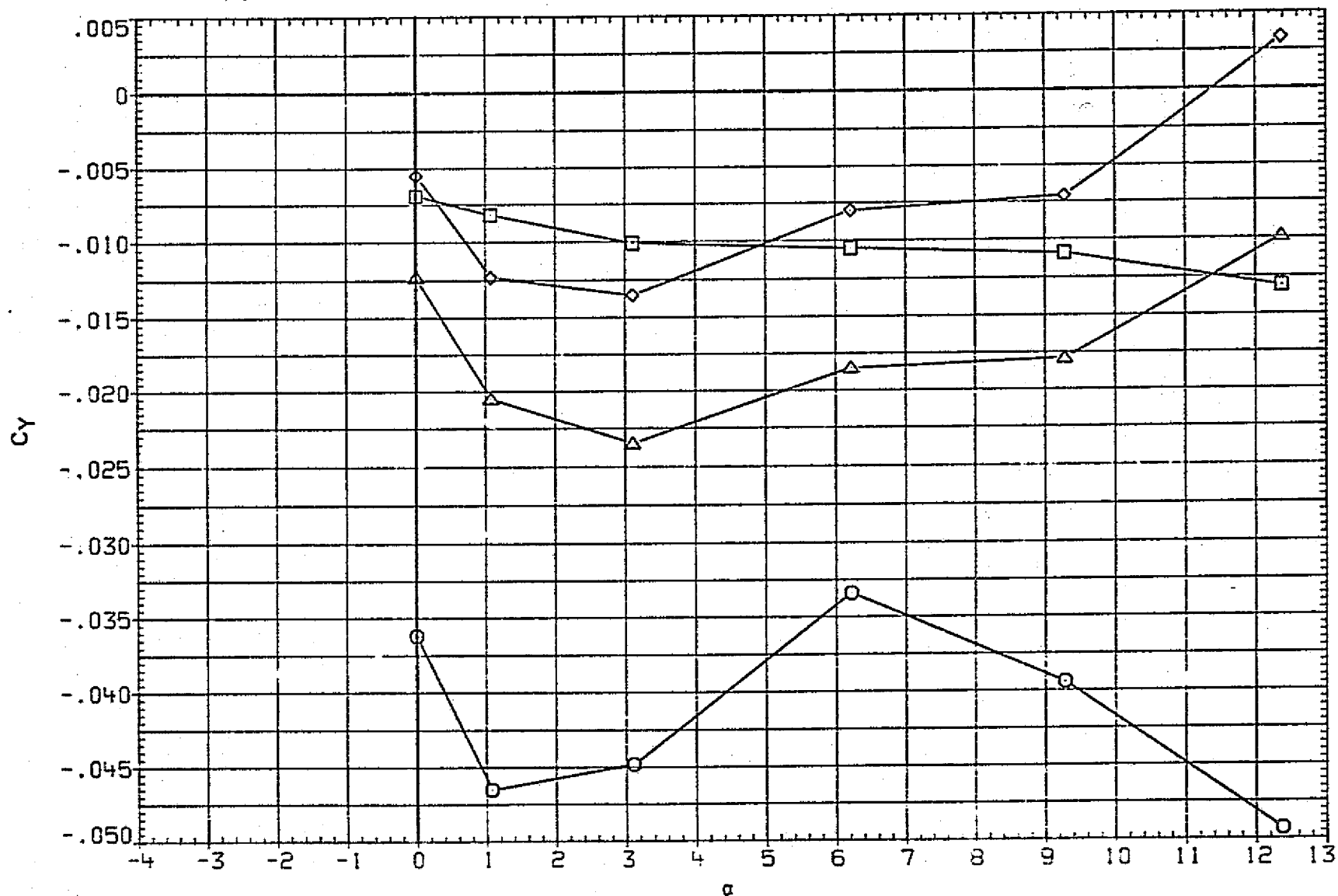


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2237) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.502 BETA .000
○	CYMC	D1 9.000 03 9.000
△	CYMT	D2 9.000 04 9.000
□	CYMB	D1-3 9.000 02-4 9.000
		PHI-C 45.000 PHI-T .000

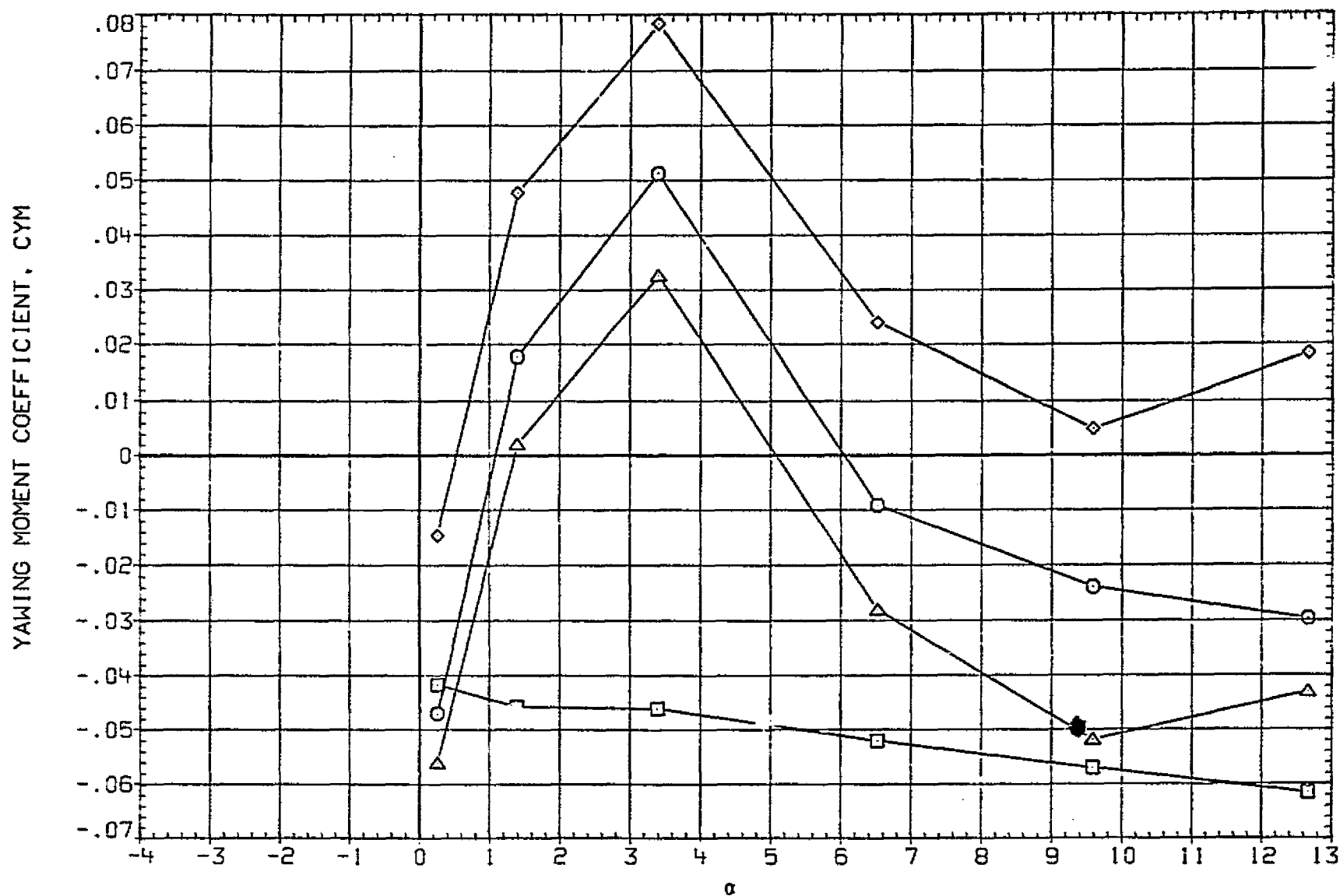


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2237) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.995 BETA .000
□	CYMC	D1 9.000 D3 9.000
○	CYMT	D2 9.000 D4 9.000
△	CYMB	D1-3 9.000 D2-4 9.000
		PHI-C 45.000 PHI-T .000

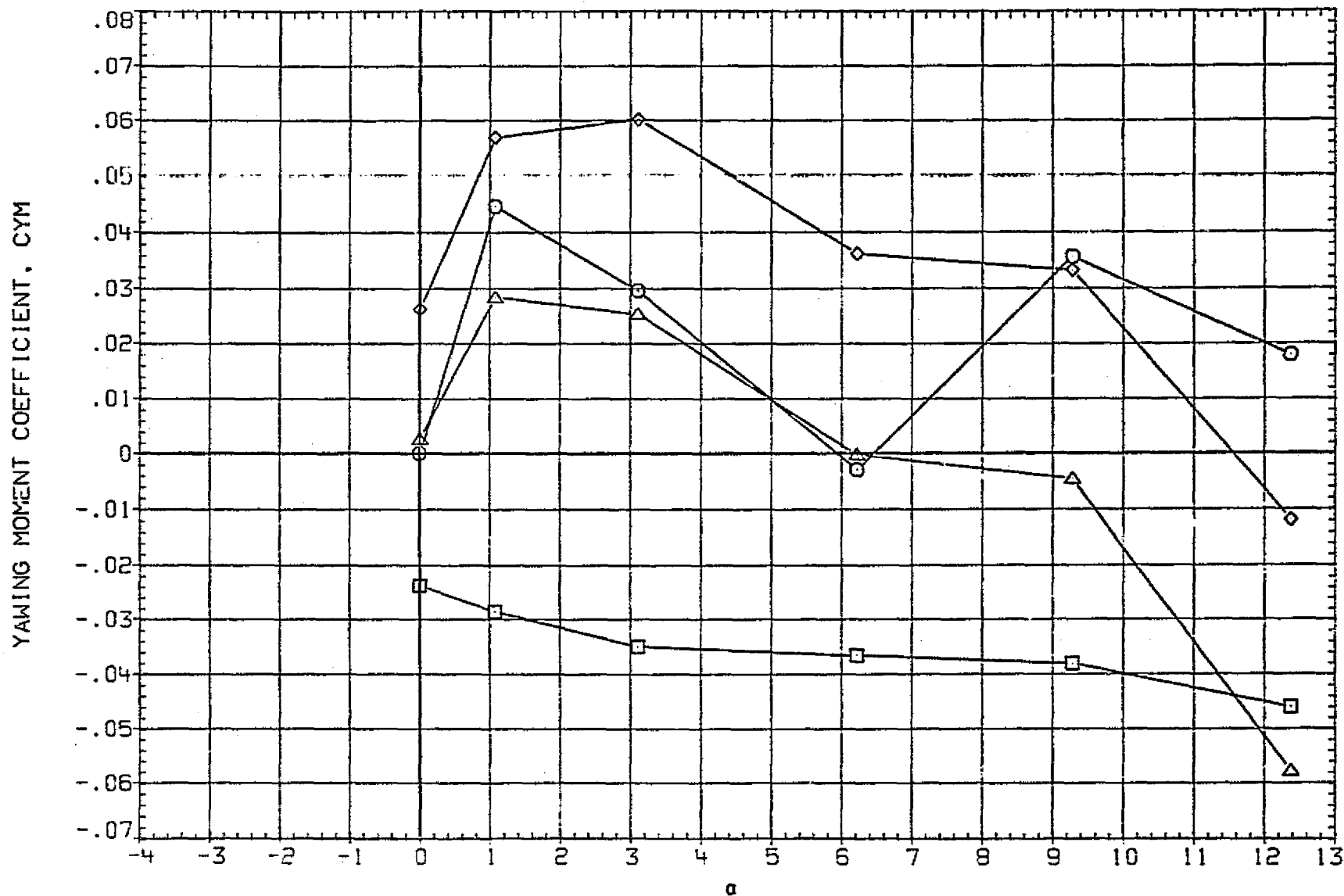


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(SEZ237) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.502 BETA .000
□	CRM C	D1 9.000 D3 9.000
◇	CRM T	D2 9.000 D4 9.000
△	CRM B	D1-3 9.000 D2-4 9.000
		PHI-C 45.000 PHI-T .000

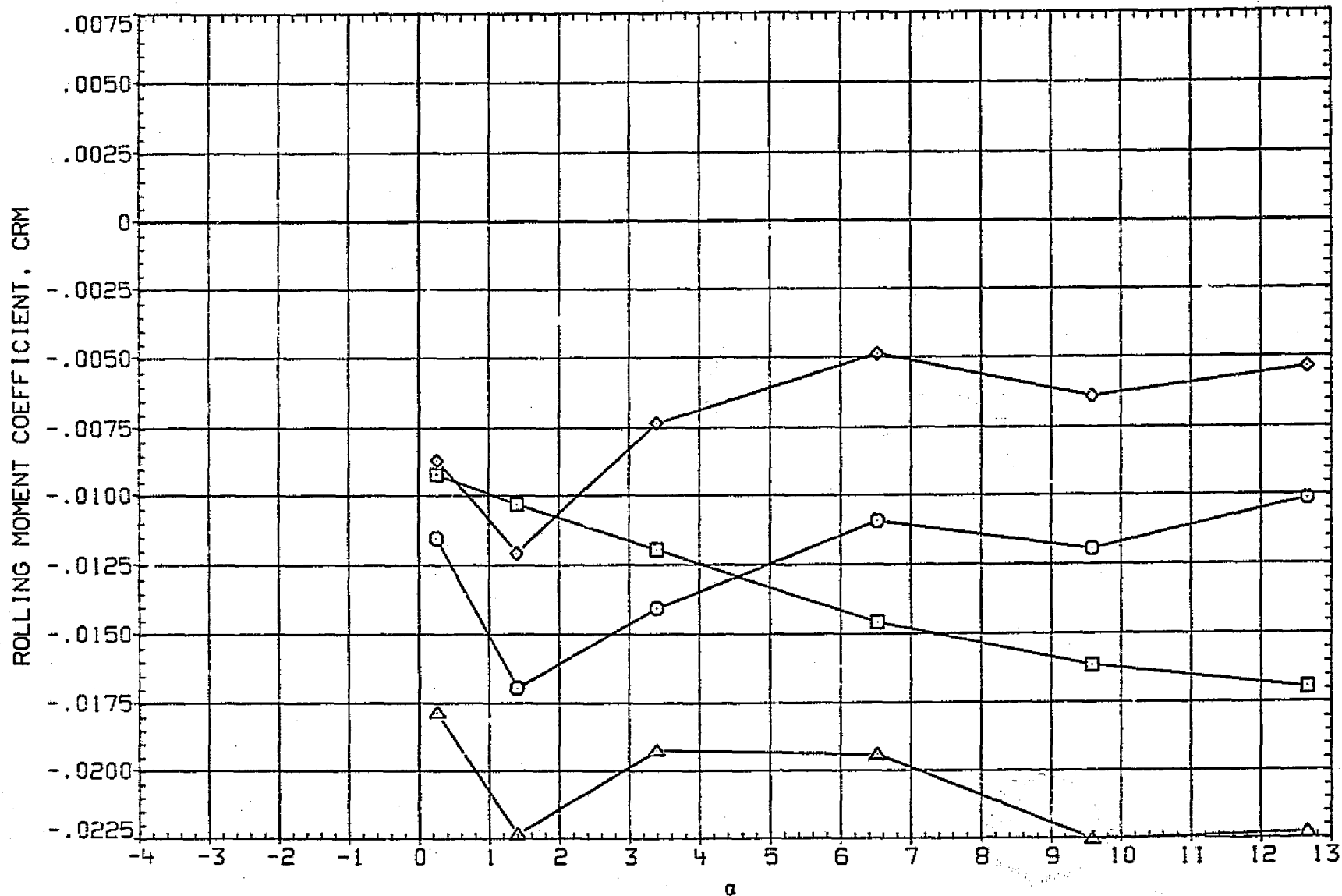


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(SEZ237) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.995 BETA .000
□	CRM/C	D1 9.000 D3 9.000
○	CRM/T	D2 9.000 D4 9.000
△	CRM/B	D1-3 9.000 D2-4 9.000
		PHI-C 45.000 PHI-T .000

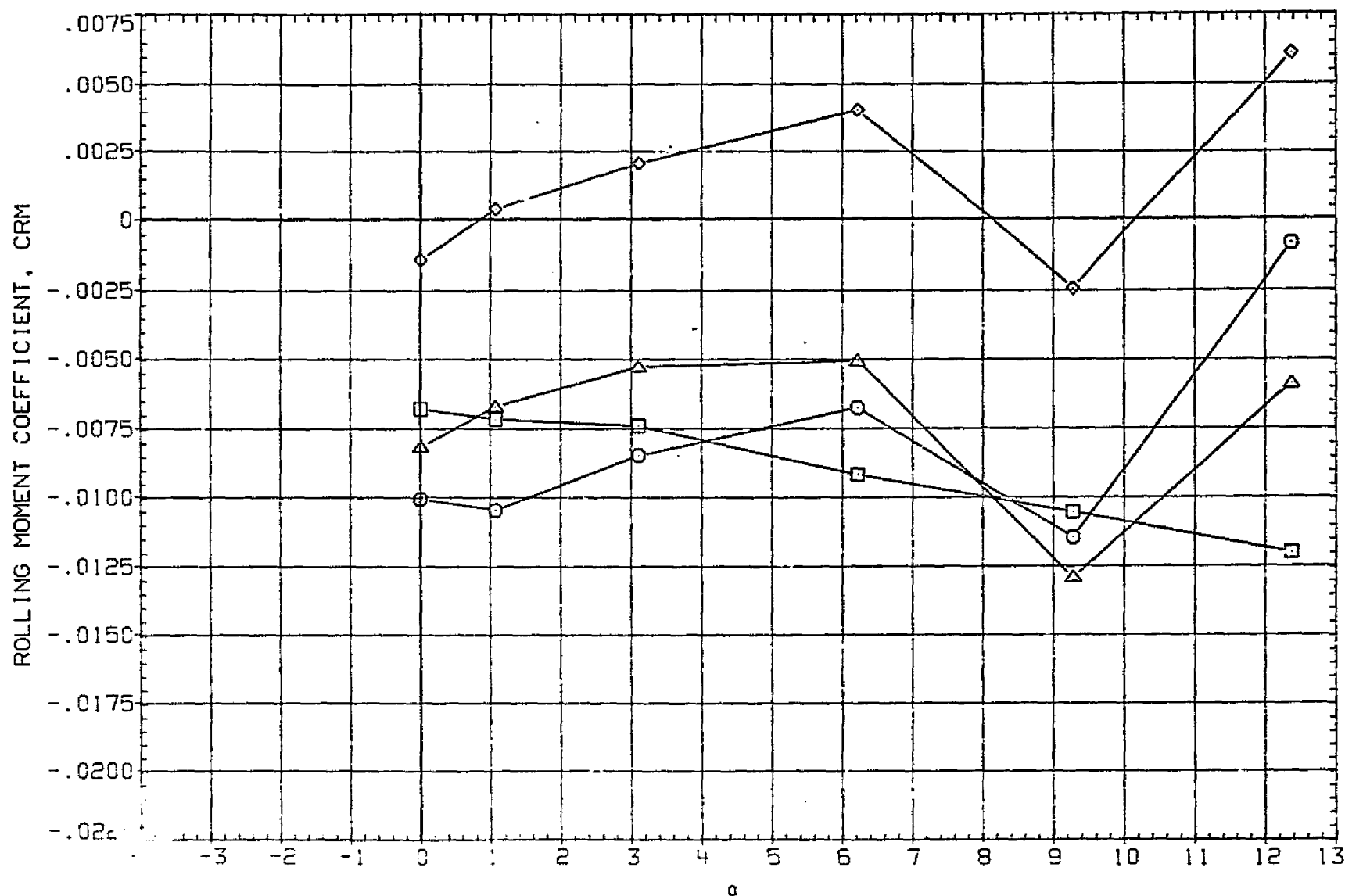


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ238) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.502 BETA .000
□	CNC	D1 15.000 D3 15.000
△	CNT	D2 15.000 D4 15.000
◇	CNP	D1-3 15.000 D2-4 15.000
		PHI-C 45.000 PHI-T .000

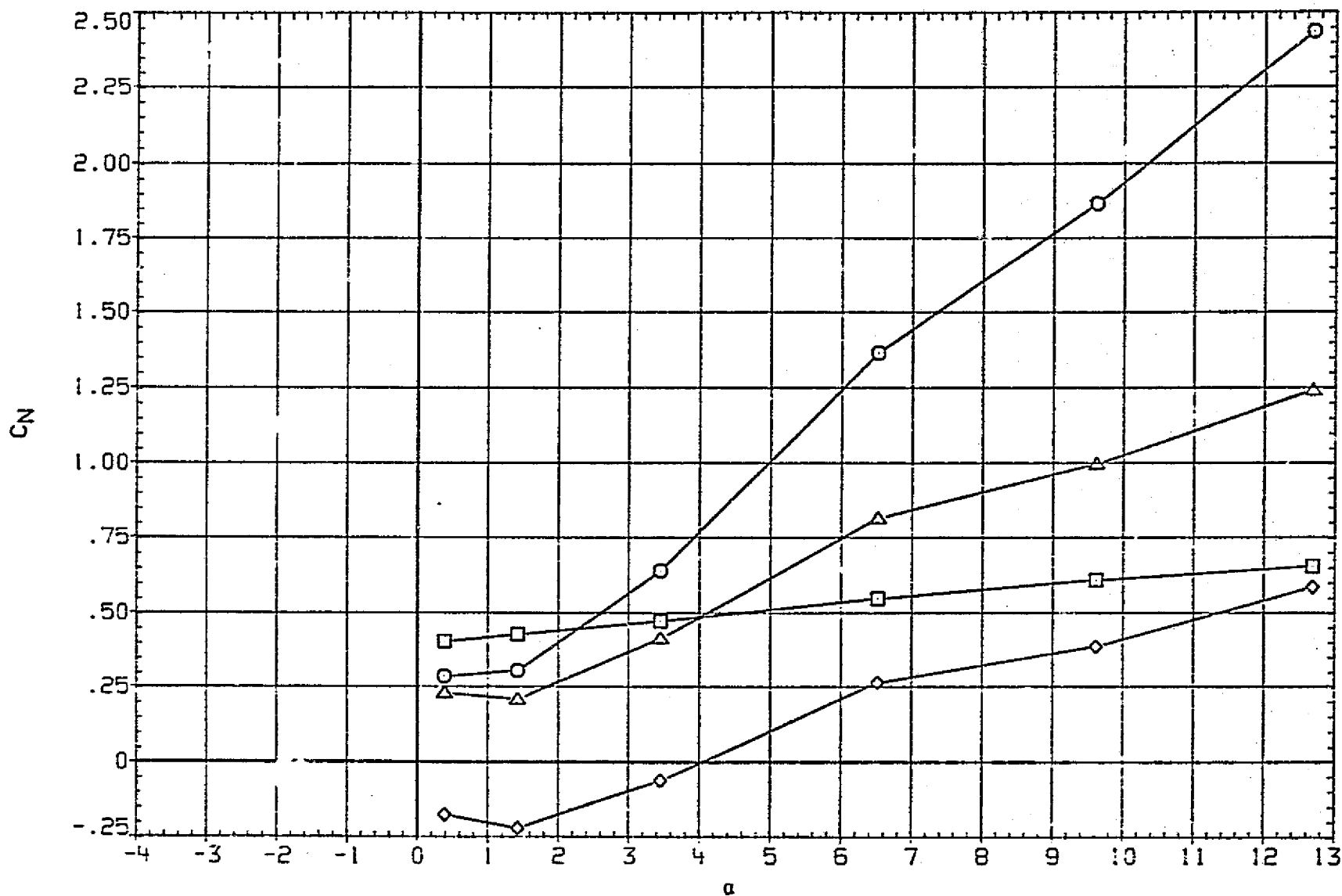


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ238)

CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.996 BETA .000
□	CNC	D1 15.000 D3 15.000
◇	CNT	D2 15.000 D4 15.000
△	CNB	D1-3 15.000 D2-4 15.000
	PHI-C	45.000 PHI-T .000

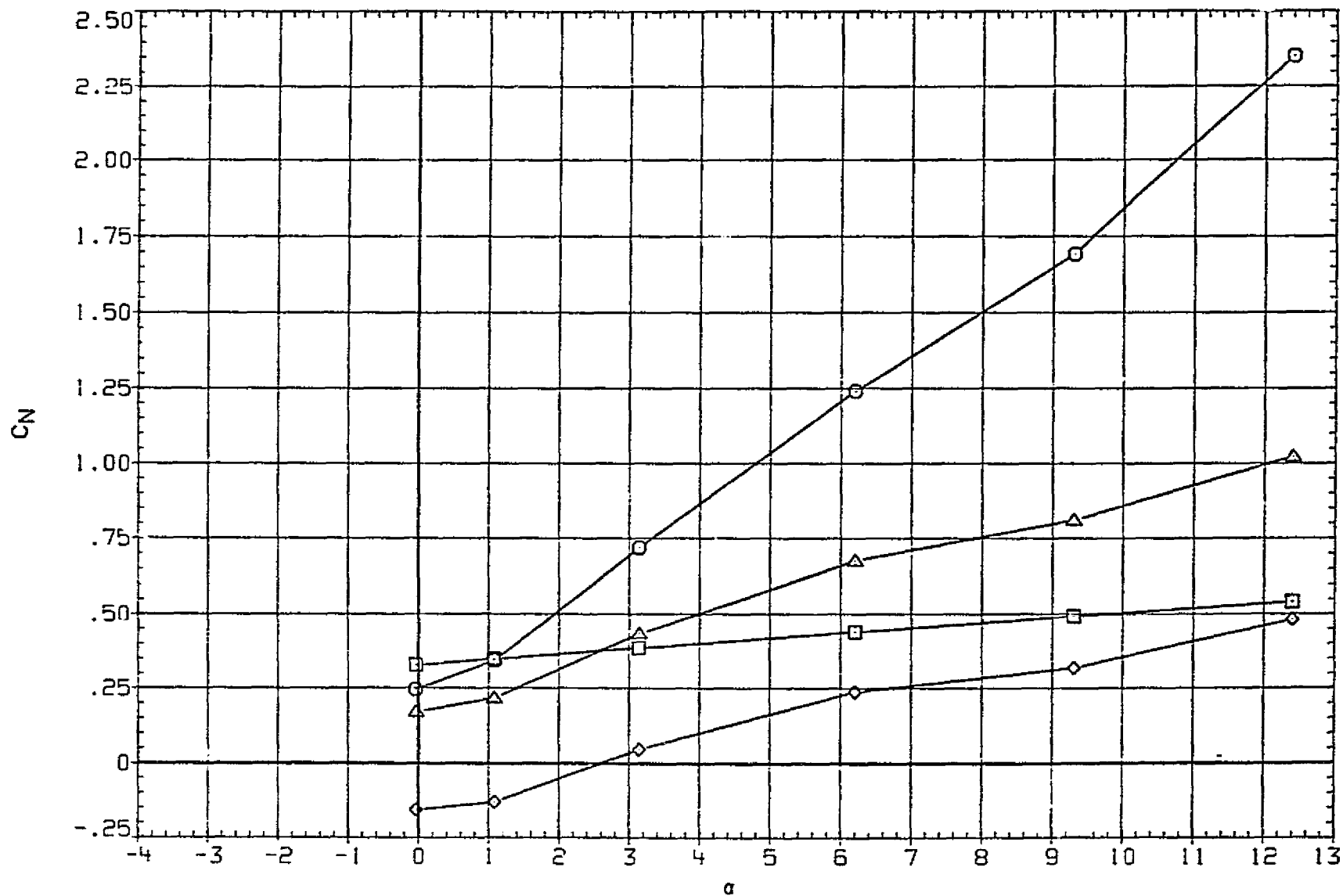


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ238) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
CM		1.502		.000	
CMC	D1	15.000	D3	15.000	
CMT	D2	15.000	D4	15.000	
CMB	D1-3	15.000	D2-4	15.000	
	PHI-C	45.000	PHI-T	.000	

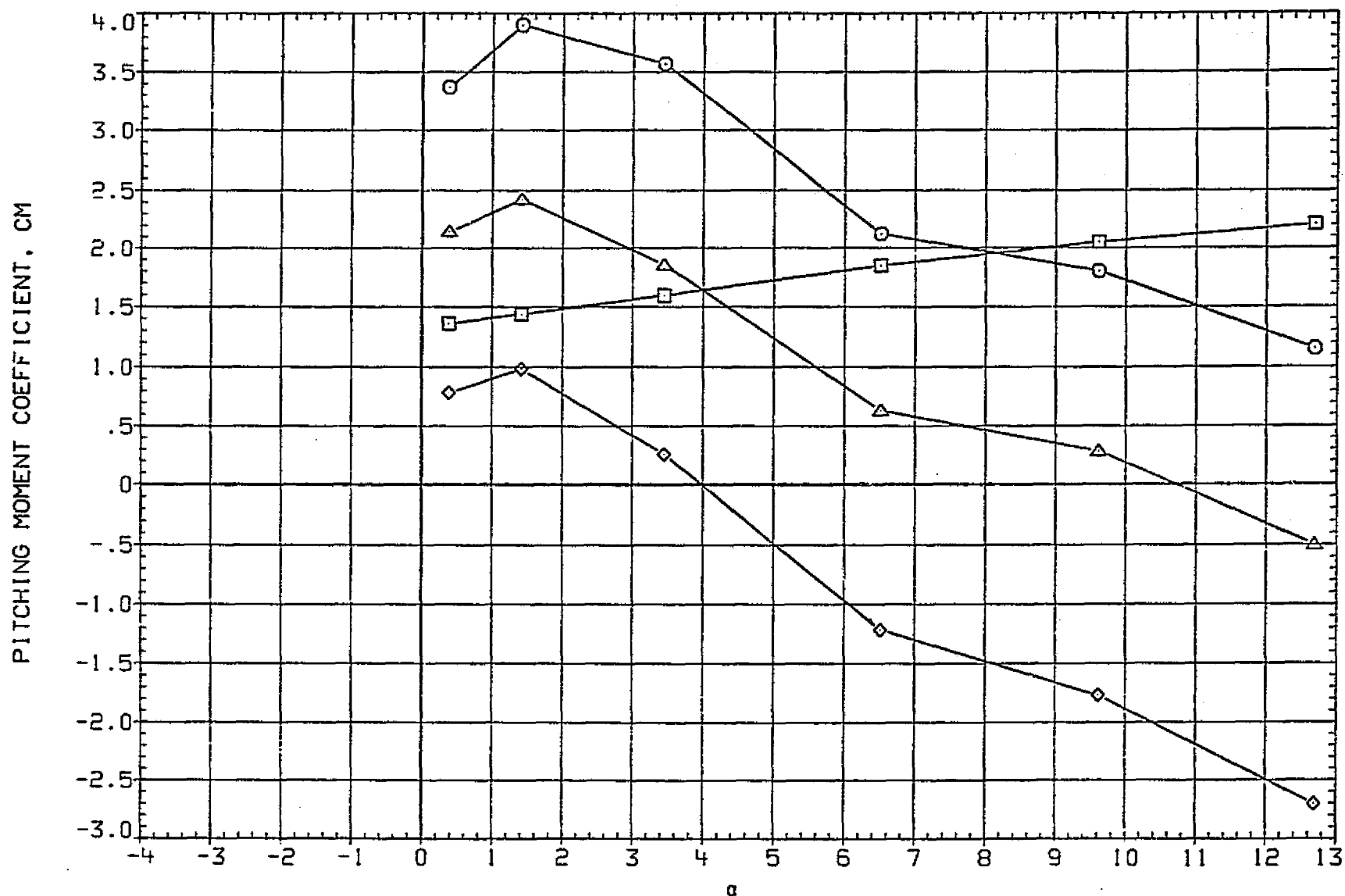


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(PEZ238) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
□	CM	MACH 1.996 BETA .000
◇	CMC	D1 15.000 D3 15.000
△	CMT	D2 15.000 D4 15.000
	CMB	D1-3 15.000 D2-4 15.000
		PHI-C 45.000 PHI-T .000

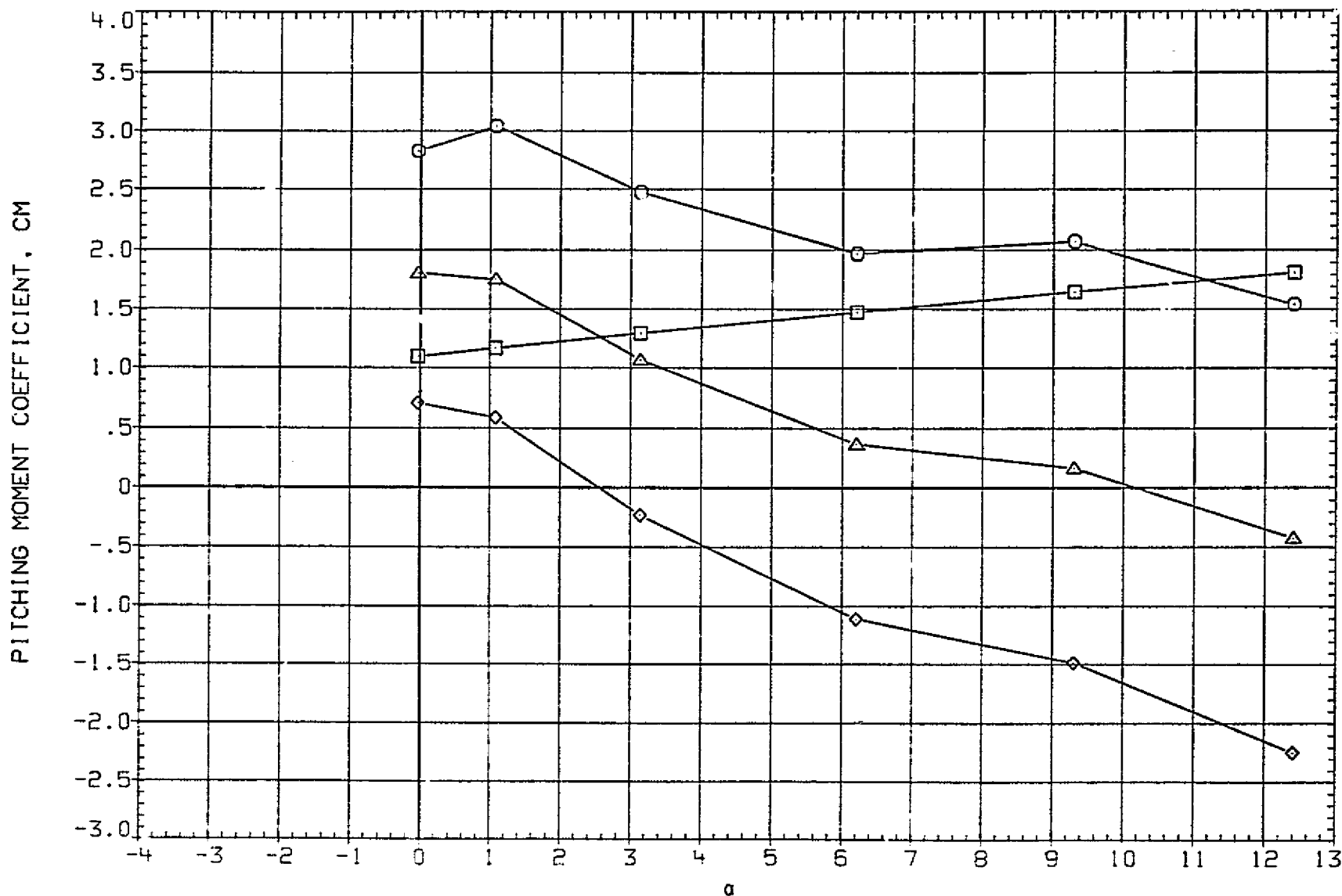


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(TEZ238) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CA	MACH	1.502	BETA	.000
		D1	15.000	D3	15.000
		D2	15.000	D4	15.000
		D1-3	15.000	D2-4	15.000
		PHI-C	45.000	PHI-T	.000

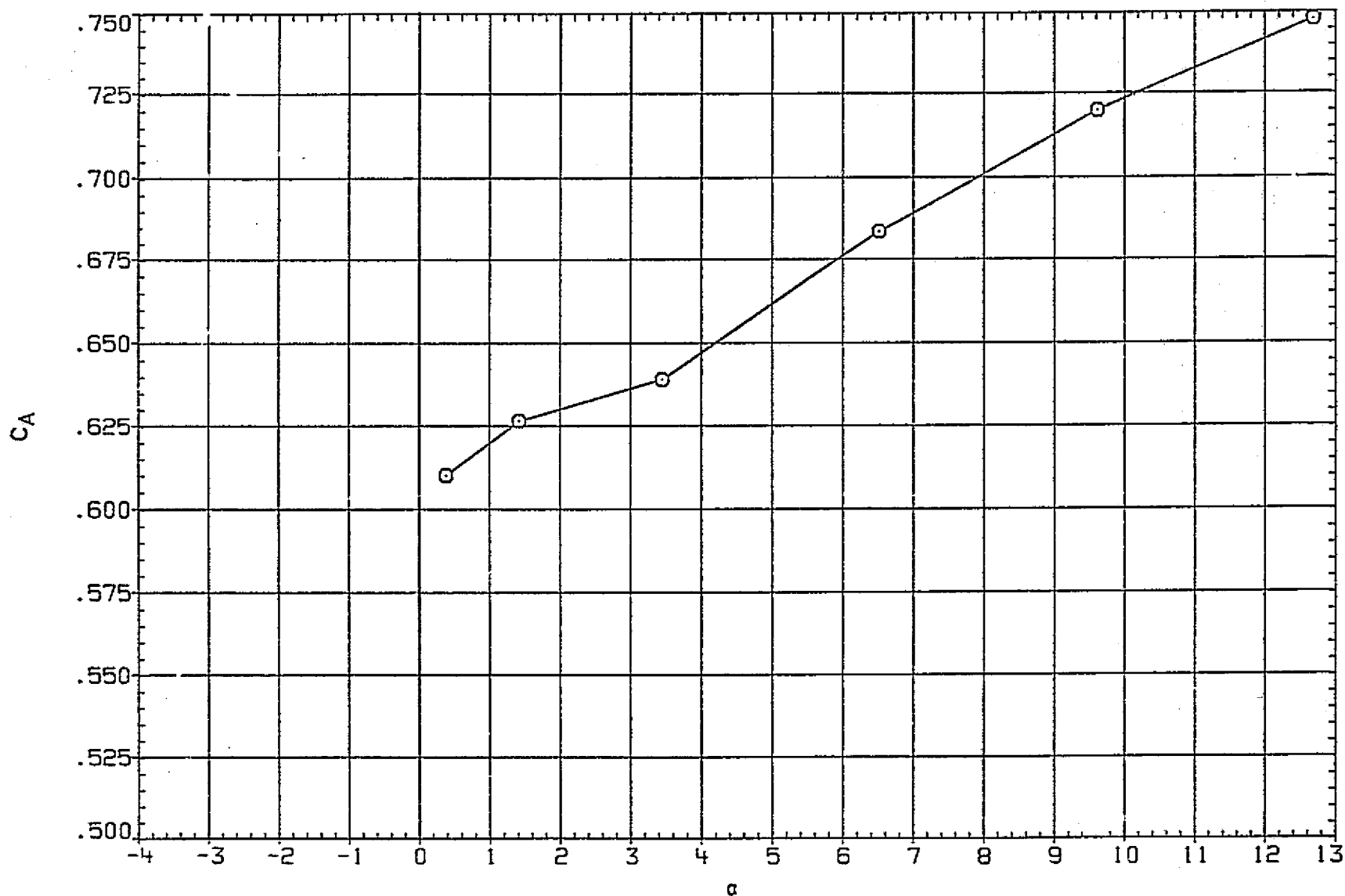


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(TEZ238) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.996	BETA	.000
		D1	15.000	D3	15.000
		D2	15.000	D4	15.000
		D1-3	15.000	D2-4	15.000
		PHI-C	45.000	PHI-T	.000

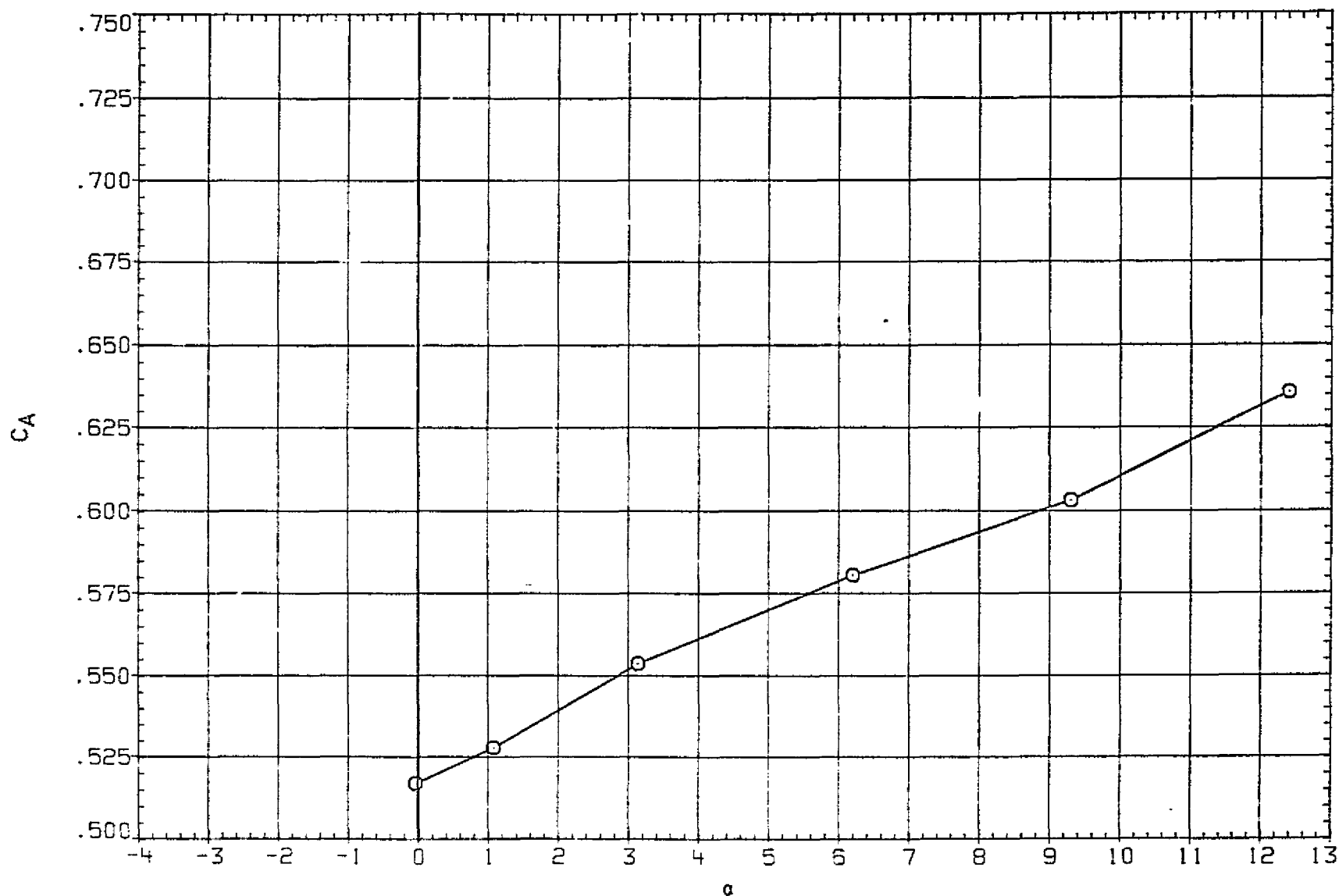


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2238) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CY	1.502	BETA .000
□	CYC	15.000	D3 15.000
◇	CYT	15.000	D4 15.000
△	CYB	15.000	D2+4 15.000
	PHI-C	45.000	PHI-T .000

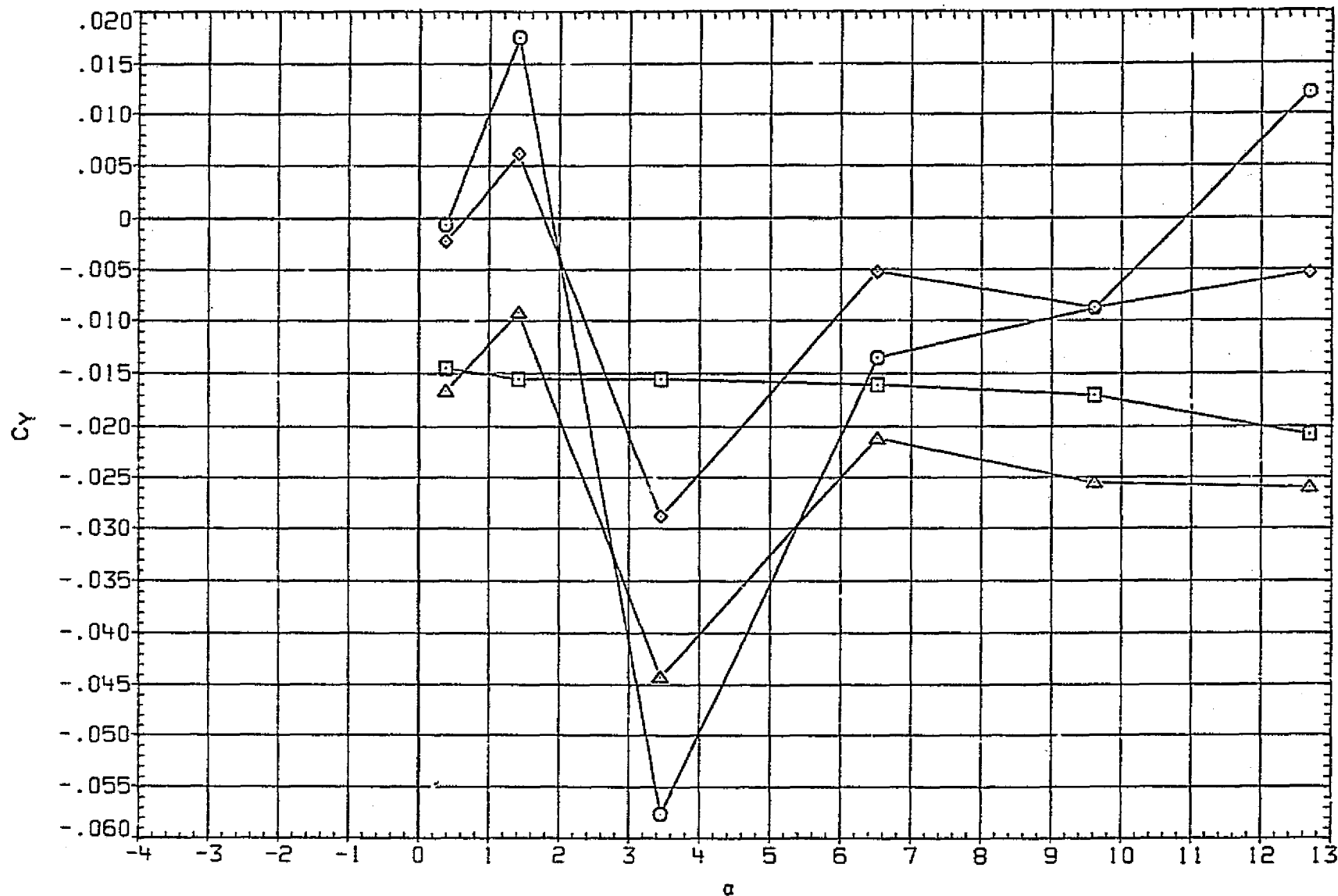


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2238) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYC	D1 15.000 D3 15.000
◇	CYT	D2 15.000 D4 15.000
△	CYB	D1-3 15.000 D2-4 15.000
		PHI-C 45.000 PHI-T .000

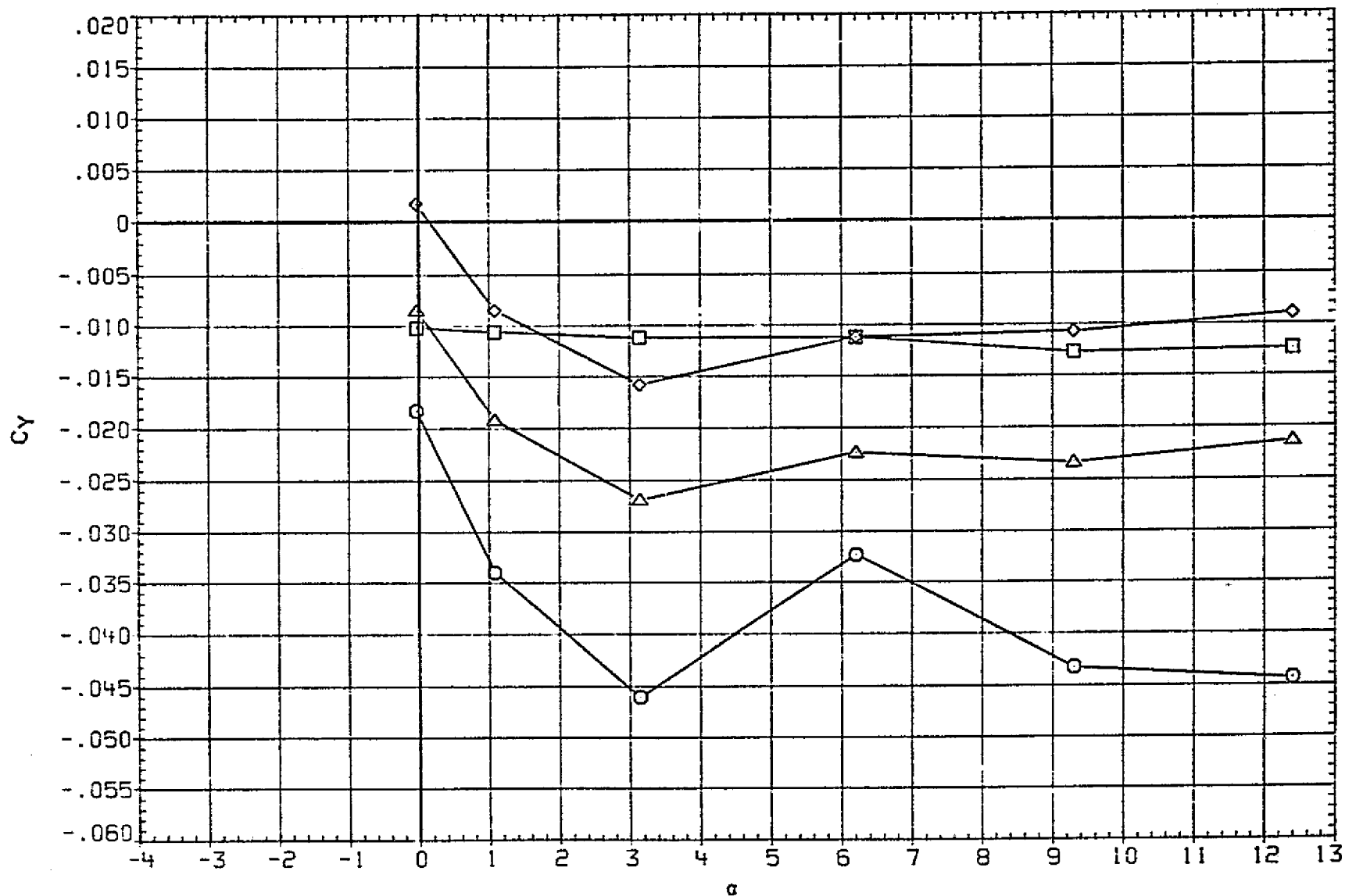


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2238) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CYM	1.502	BETA .000
□	CYMC	D1 15.000	D3 15.000
◇	CYMT	D2 15.000	D4 15.000
△	CYMB	D1-3 15.000	D2-4 15.000
		PHI-C 45.000	PHI-T .000

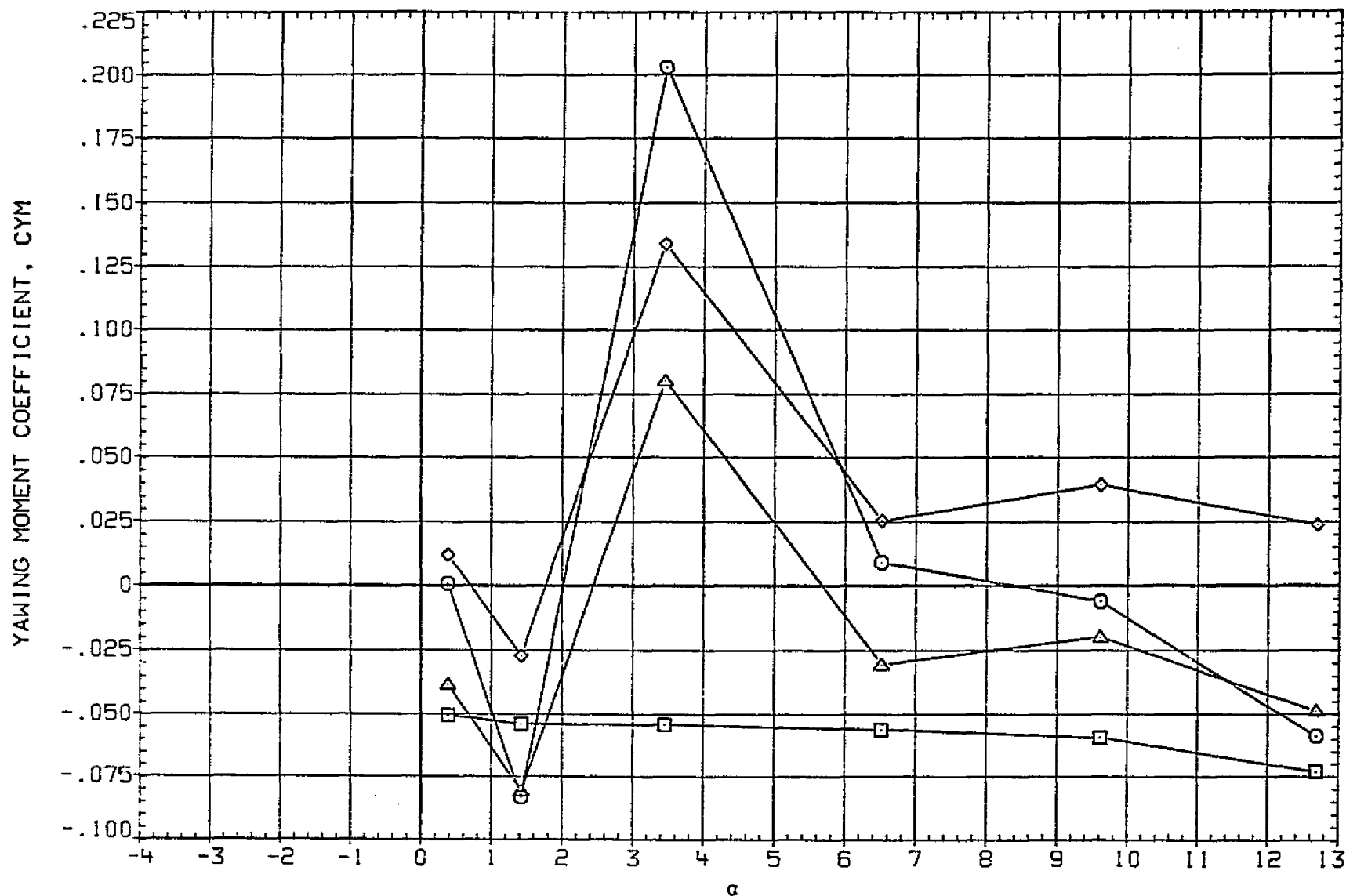


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(QE2238) CONFIGURATION 13 (BN1C4T1)

SYMBOL	DATA	PARAMETRIC VALUES
DODO	CYN	MACH 1.996 BETA .000
	CYM	D1 15.000 D3 15.000
	CYT	D2 15.000 D4 15.000
	CYNB	D1-3 15.000 D2-4 15.000
		PHI-C 45.000 PHI-T .000

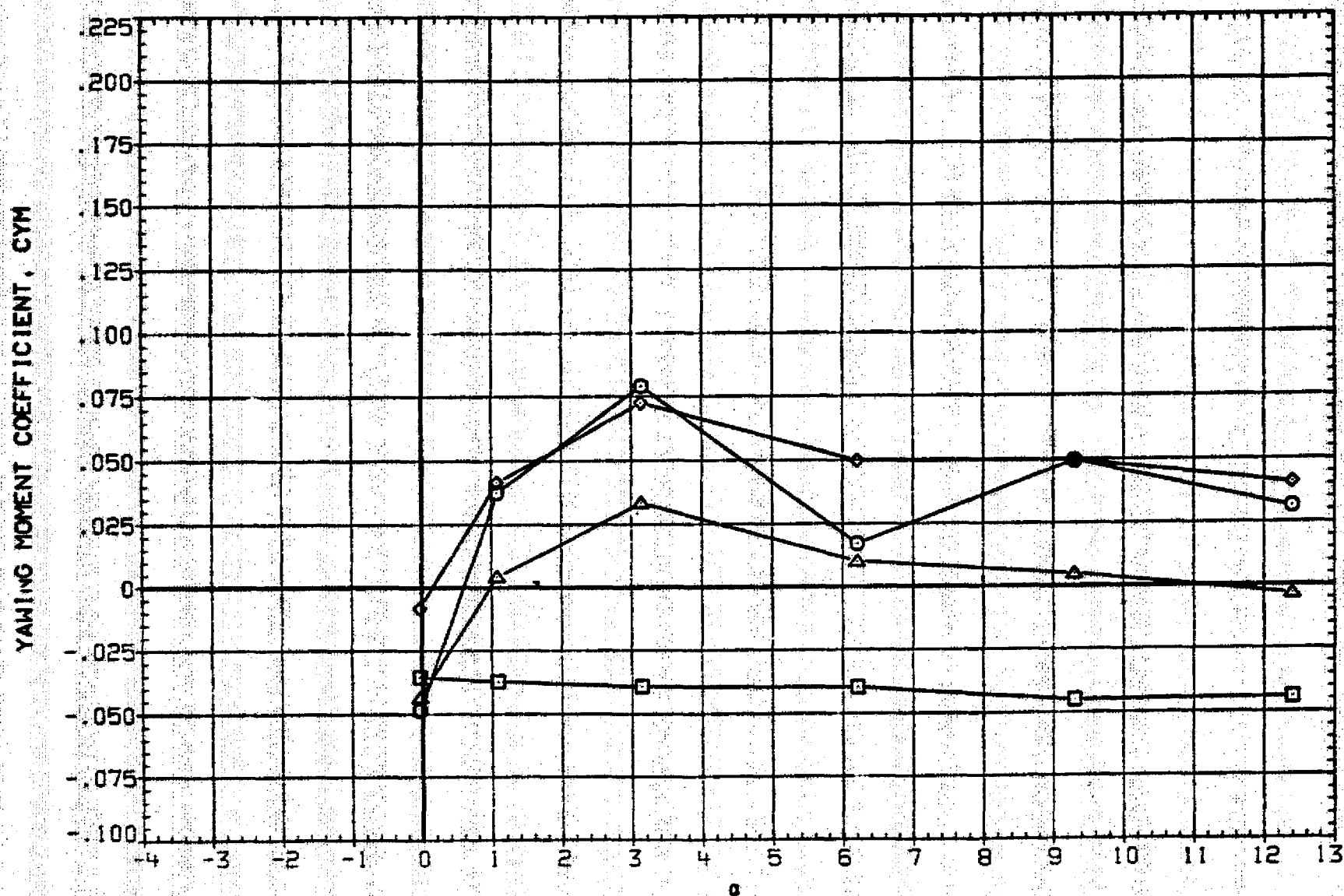


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(SEZ238) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CRM	MACH	1.502	BETA	.000
□	CRM	D1	15.000	D3	15.000
△	CRM	D2	15.000	D4	15.000
	CRM	D1-3	15.000	D2-4	15.000
	CRM	PHI-C	45.000	PHI-T	.000

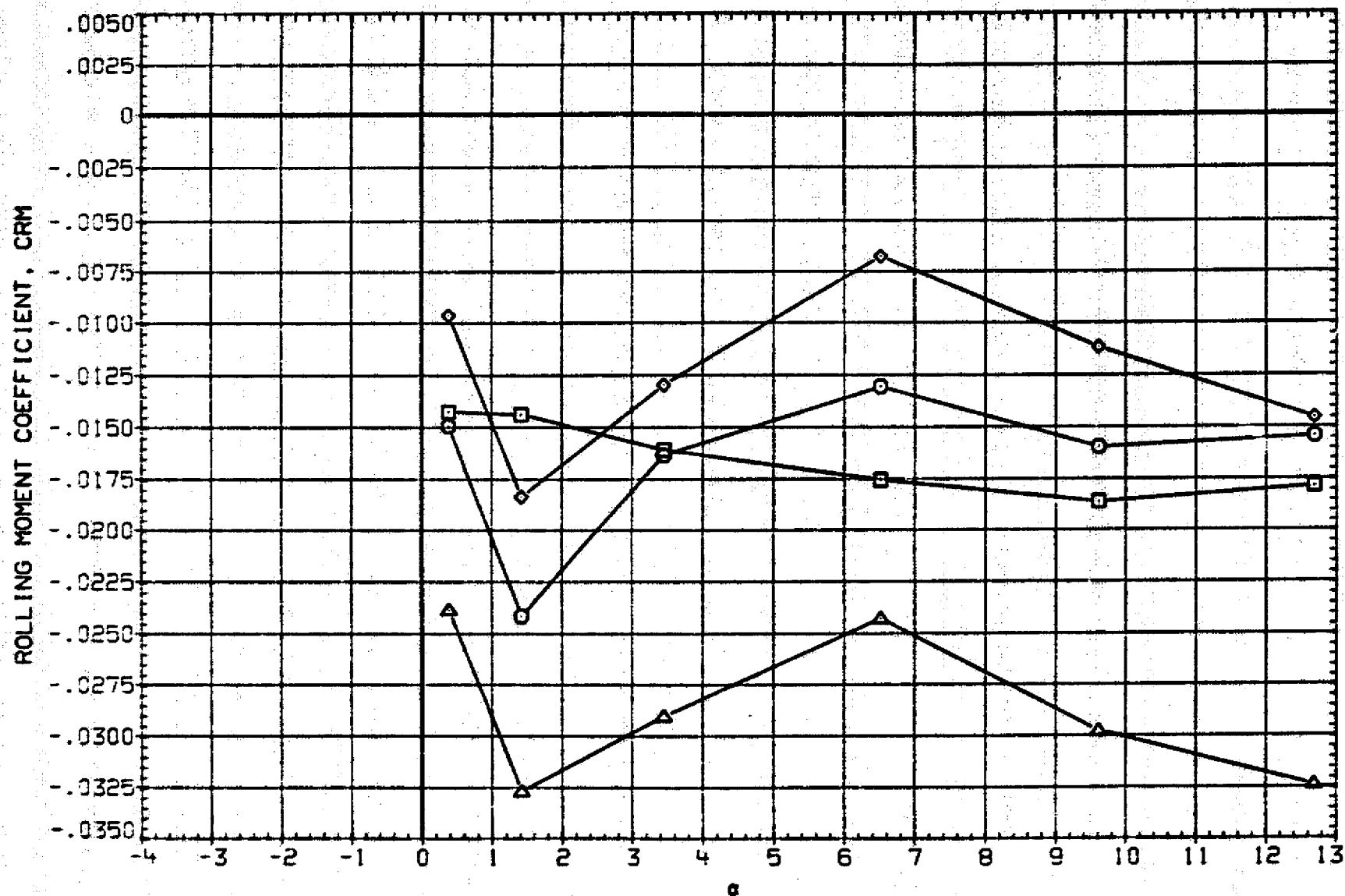


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(SEZ238) CONFIGURATION 13 (BNIC4T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.036 BETA .000
□	CRM	D1 15.000 D3 15.000
△	CRM	D2 15.000 D4 15.000
△	CRM	D1-3 15.000 D2-4 15.000
		PHI-C 45.000 PHI-T .000

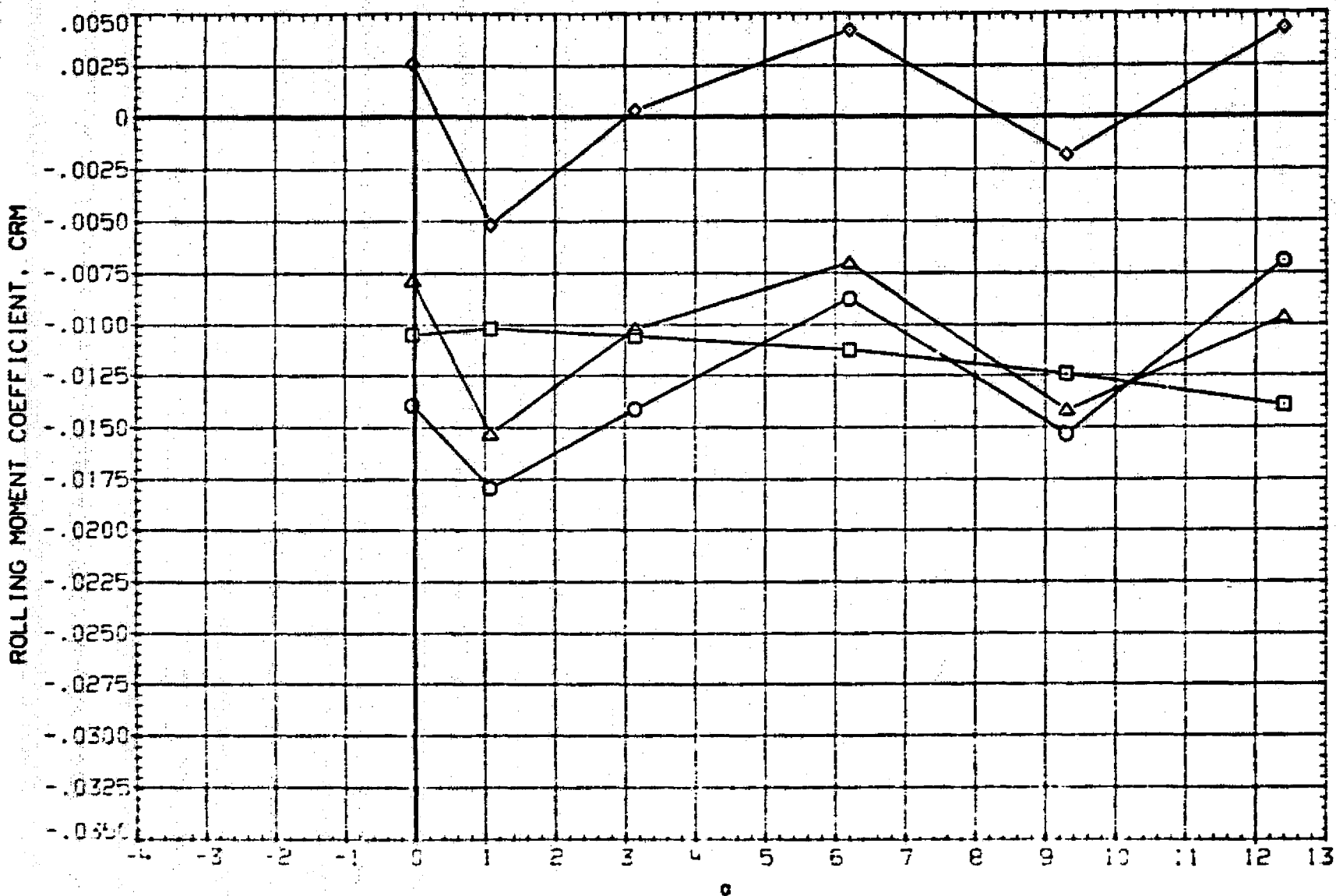


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS