## 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-73,220

NASA TM X-73,220

# EFFECTS OF CANARD LOCATION ON THE AERODYNAMIC CHARACTERISTICS OF A BLUNT-NOSED 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. | 2. Government Accession No. | 3. Recipient's Catalog No. |
|---|---|---|
| NASA TM X-73,220 | | |

| 4. Title and Subtitle | 5. Report Date |
|---|---|
| EFFECTS OF CANARD LOCATION ON THE AERODYNAMIC CHARACTERISTICS OF A BLUNT-NOSED MISSILE AT MACH NUMBERS OF 1.5 AND 2.0 | July, 1977 |
| | 6. Performing Organization Code |
| 7. Author(s) | 8. Performing Organization Report No |
| Donald L. Kassner and Brian Wettlaufer* | A-6958 |
| | 10. Work Unit No. |
| 9. Performing Organization Name and Address | 505-11-41 |
| NASA Ames Research Center, Moffett Field, Calif. 94035 and ARO, Inc., Moffett Field, Calif. 94035 | 11. Contract or Grant No. |
| | 13. Type of Report and Period Covered |
| 12. Sponsoring Agency Name and Address | Technical Memorandum |
| National Aeronautics and Space Administration Washington, D.C. 20546 | 14. Sponsoring Agency Code |

15. Supplementary Notes

*ARO, Inc., Moffett Field, Calif. 94035

16. Abstract

A blunt-nosed 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 $1 \times 10^6$, based on body diameter. Data were obtained at angles of attack ranging from -3° to 12° and canard-deflection angles from -3° to 15° for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). Results were obtained with the canards at two different nose locations.

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 4° or 5° with canard deflections of 9°. For this blunt-nosed model, there was little effect of canard location on trim angle of attack. The tail arrangements studied provided ample pitch stability.

| 17. Key Words (Suggested by Author(s)) | 18. Distribution Statement |
|---|---|
| Canard-controlled missile<br>Body of revolution<br>Body-canard-tail configuration | Unlimited<br><br>STAR Category 02 |

| 19. Security Classif. (of this report) | 20. Security Classif. (of this page) | 21. No. of Pages | 22. Price* |
|---|---|---|---|
| Unclassified | Unclassified | 282 | |

*For sale by the National Technical Information Service, Springfield, Virginia 22161

CONTENTS

# EFFECTS OF CANARD LOCATION ON THE AERODYNAMIC CHARACTERISTICS OF A BLUNT-NOSED MISSILE AT MACH NUMBERS OF 1.5 AND 2.0

Donald L. Kassner and Brian Wettlaufer*

Ames Research Center

## SUMMARY

A blunt-nosed 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 $1 \times 10^6$, based on body diameter. Data were obtained at angles of attack ranging from -3° to 12° and canard-deflection angles from -3° to 15° for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). Results were obtained with the canards at two different nose locations.

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 4° or 5° with canard deflections of 9°. For this blunt-nosed model, there was little effect of canard location on trim angle of attack. The tail arrangements studied provided ample pitch stability.

## INTRODUCTION

Some recent emphasis in missile technology has been in the area of developing a series of configurations with canard controls on the nonconstant-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 (ref. 1) have been demonstrated to be inadequate, particularly for the case of the canards located on nonconstant-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.

*Project Engineer, ARO, Inc.

This test addressed itself to the effects of a fore and aft location of nose-mounted canards on the aerodynamic characteristics of a blunt-nosed missile model. Data were obtained with and without canards and/or tail surfaces at Mach numbers of 1.5 and 2.0. The angles of attack ranged from -3° to 12°, and the canard-deflection angles ranged from -3° to 15°.

## 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.

| Symbol | Plot Symbol | Definition |
|---|---|---|
| $C_A$ | CA | missile axial-force coefficient in unrolled body-axis system; axial force/$S_{REF}q_\infty$ |
| $C_\ell$ | 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/$S_{REF}q_\infty$ |

| Symbol | Plot Symbol | Definition |
|---|---|---|
| $C_{N_{C(B)}}$ | 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 |
| $C_{N_{T(B)}}$ | 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/$S_{REF}q_\infty \ell_{REF}$ |
| $C_{n_{C(B)}}$ | 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 |
| $\ell_{REF}$ | LREF | reference length for all coefficients (missile body diameter for cylindrical portion); 12.70 cm (0.417 ft) |
| $M_\infty$ | MACH | free-stream Mach number |
| $q_\infty$ | 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 $ft^2$) |
| $\beta$ | BETA | angle of sideslip, deg. |

| Symbol | Plot Symbol | Definition |
|---|---|---|
| $\alpha$ | ALPHA | angle of attack, deg |
| $\phi_C$ | PHI-C | missile roll angle, deg. |
| $\phi_T$ | PHI-T | interdigitation angle between canard and tail panels, deg |
| | | Control Surface Code |
| $\delta_{C_X}$ | 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. 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 locations of the canards and tails on the body are indicated in the nomenclature and figure 3(a). 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. Only the most blunt nose (N2) is considered in this report.

## TESTING AND PROCEDURE

The investigation was conducted at Mach numbers of 1.5 and 2.0 and at a Reynolds number of $1 \times 10^6$, based on body diameter. Data were obtained at angles of attack from -3° to 12° with canard incidence angles of -3° to 15°. For this report the model was tested in the unrolled position, $\phi_C = 0°$. The experimental data, presented as a function of angle of attack, were obtained from pitch sweeps at a constant canard-deflection 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:

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

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

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 $C_\ell$ vs $\alpha$ are presented in figures 5 through 8. The missile model was unrolled ($\phi_C$ = PHI-C = 0°) for all results presented in this report.

### Body-Alone Characteristics

Body-alone characteristics for the blunt-nosed configuration BN2 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 $\alpha$ 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 $\alpha$ exceeds about 20° (see, for example, refs 2 and 6).

## Body-Tail Characteristics

Body-tail characteristics for configuration BN2T1 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 (BN2T1) 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 $\alpha$ 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 $\alpha$ results for the body plus tail are not greatly different from those for the tail alone, especially for $M_\infty = 1.5$. 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 BN2C1 are presented first in figure 7 (figure pages 10-51) for Mach numbers of 1.5 and 2.0. The circular and diamond symbols represent the results for the body with canard (BN2C1) 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 with only the side panels (position X = 2 and 4) deflected consecutively at D(X) = D2 = D4 = -3°, 0°, 1°, 3°, 6°, 9°, and 15° (see figure 2). In all cases, the vertical panels (position X = 1 and 3) are undeflected (D1 = D3 = 0°).

Following body-canard characteristics for configuration BN2C1, similar characteristics are presented for configuration BN2C3 (figure pages 52-93). Canard C1 was located at the most aft canard position, and canard C3 was located at the most forward canard position (see fig. 3(a)).

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. Canard C3, located at the most forward missile station, of course contributed more than canard C1 to the unstable pitching-moment characteristics. As expected, an increase in panel deflection angle resulted in some increase in $C_N$ and positive (unstable) $C_m$ for both BN2C1 and BN2C3.

## Body-Canard-Tail Characteristics

Body-canard-tail characteristics for configuration BN2C1T1 are presented first in figure 8 (figure pages 94-177) for Mach numbers of 1.5 and 2.0. The circular symbols represent the results for the body BN2 with

canard C1 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 with only the side canard panels (position X = 2 and 4) deflected consecutively at D(X) = D2 = D4 = -3°, 0°, 1°, 3°, 6°, 9°, and 15° (see figure 2). In all cases, the vertical canard panels (position X = 1 and 3) and all tail panels are undeflected (D1 = D3 = 0°).

Following body-canard-tail characteristics for configuration BN2C1T1, similar characteristics are presented with the canard more forward, configuration BN2C3T1 (figure pages 178-261).

Generally, the canard plus tail (C1T1 or C3T1) developed about half the total $C_N$ for $\alpha$ up to about 12°. A similar result was obtained at a subsonic Mach number of 0.8 in reference 2. In all cases, enough normal force was developed by the tail to produce stable $C_m$ characteristics over the $\alpha$ range.

The most rearward canard (C1) was generally effective in trimming the model ($C_m$ = 0) at angles of attack up to about 3° or 4° with panel deflections of 9°. With movement of the canard forward (C3), there was only slight improvement in trimming capability. For example, canard C3 was generally effective in trimming the model at only about an angle of attack of 1° more than C1 for the same panel deflection angle. When the pointed nose (N1) was used instead of the highly blunted nose (N2) described in this report, the missile model was trimmable to much higher angles of attack (ref. 3). The reader, of course, can study in detail the various results for each test condition in this report and similar reports (refs. 2-4).

## CONCLUDING REMARKS

A blunt-nosed 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 $1 \times 10^6$, 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 with the canards at two different nose locations.

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 4° or 5° with canard deflections of 9°. For this blunt-nosed model, there was little effect of canard

location on trim angle of attack. The tail arrangements studied provided ample pitch stability.

Ames Research Center
National Aeronautics and Space Administration
Moffett Field, California 94035

April 28, 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: Aerodynamic Characteristics of a Canard-Controlled Missile at Mach Numbers of 1.5 and 2.0. NASA TM X-73,219, 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.

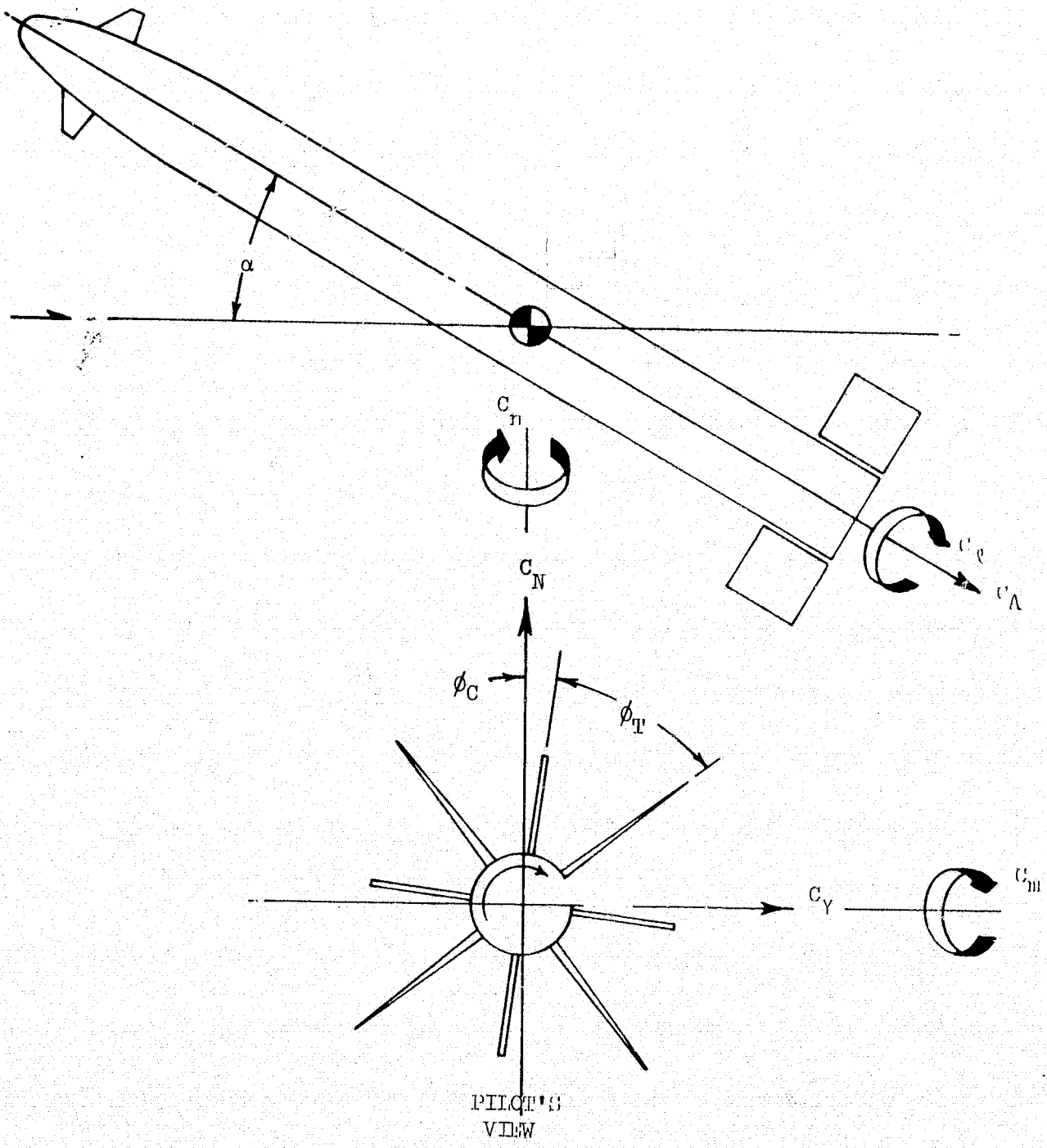
5. Jorgensen, Leland H.: Prediction of Static Aerodynamic Characteristics for Space-Shuttle-Like and Other Bodies at Angles of Attack From 0° to 180°. NASA TN D-6996, 1973.

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 | | |

[a]Note: 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.

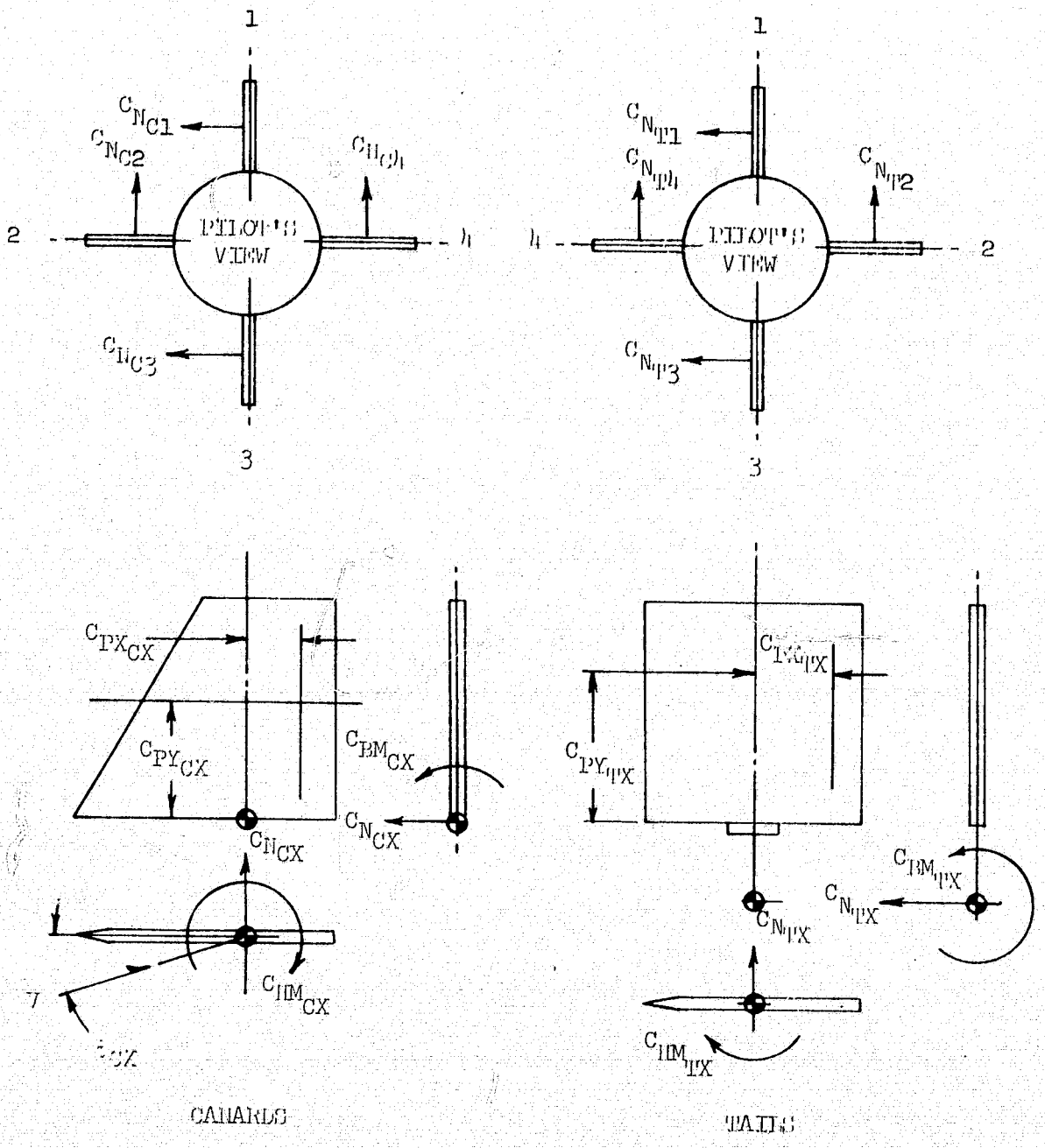
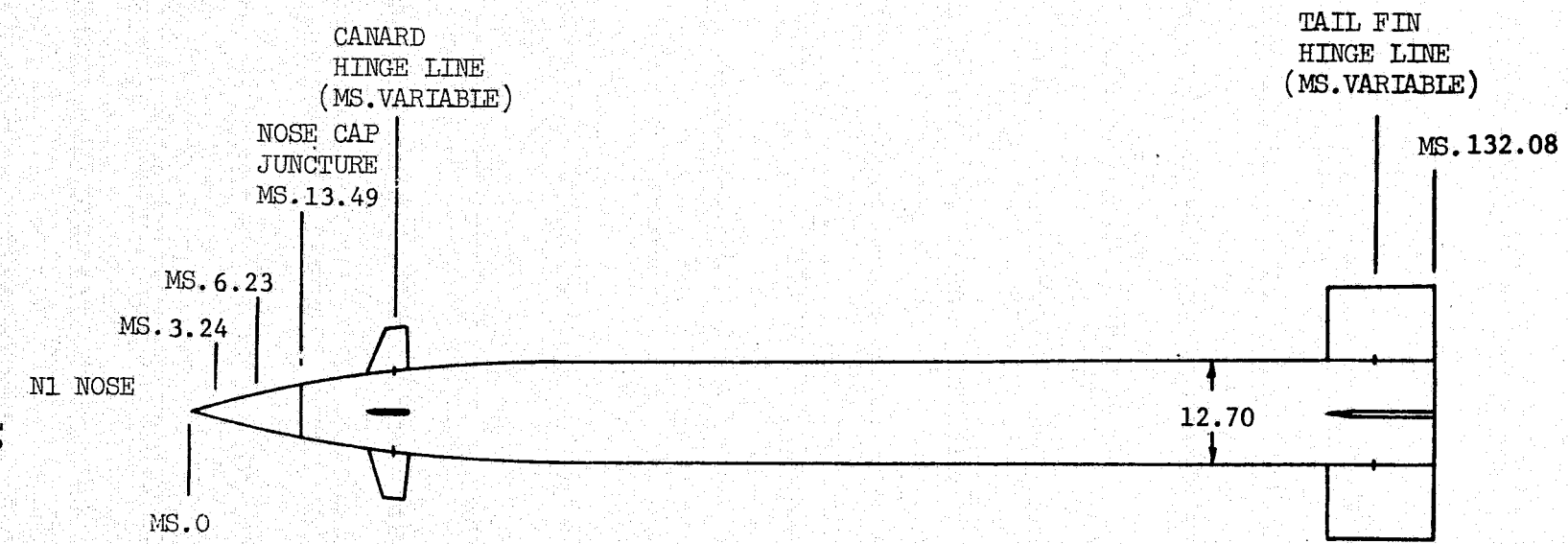



Figure 2. - Control panels sign convention



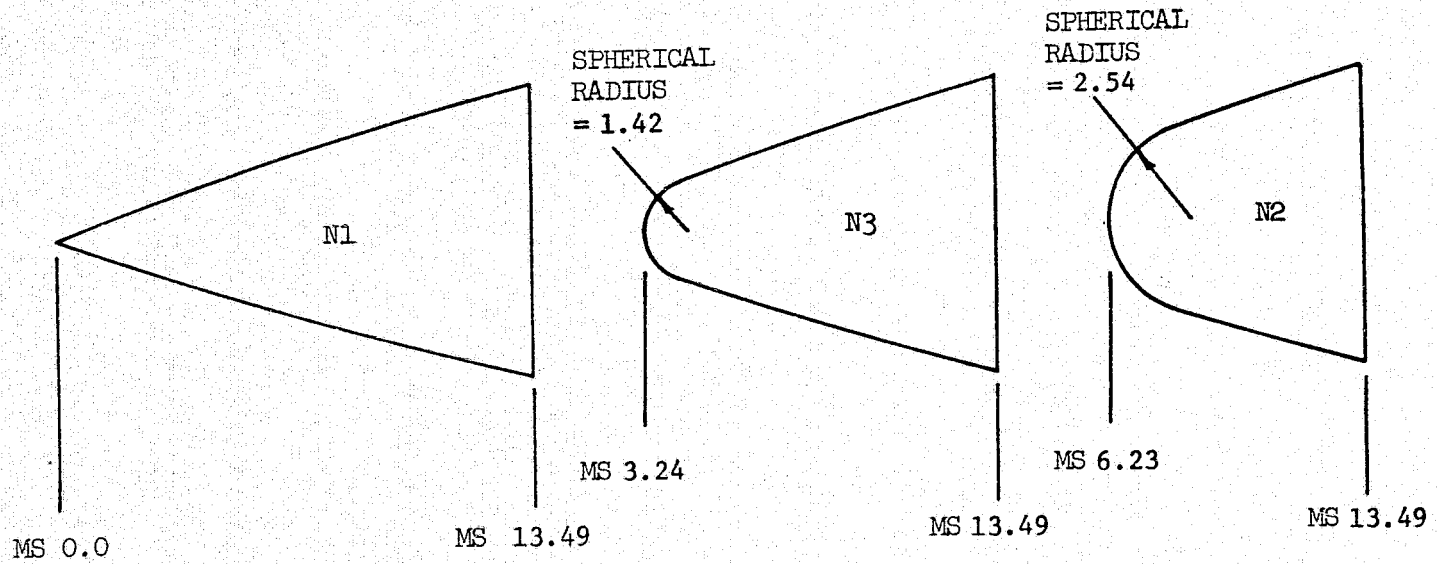

| HINGE LINE LOCATION (MS.) | CANARD POSITION |
|---|---|
| 17.03 | FWD |
| 23.18 | MID |
| 38.10 | AFT |

| 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 CONFIGURATIONS AND MAY BE ALIGNED OR INTERDIGITATED

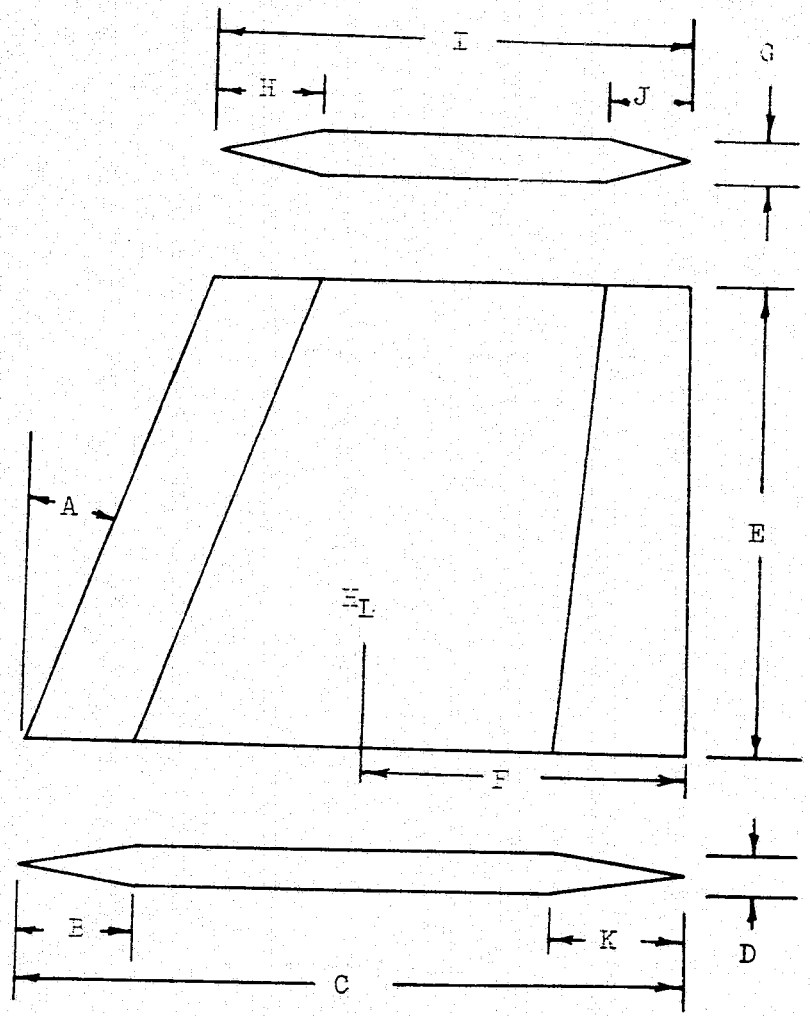
(a) Basic model drawing

Figure 3. - Basic model and components




(b) Nose configuration

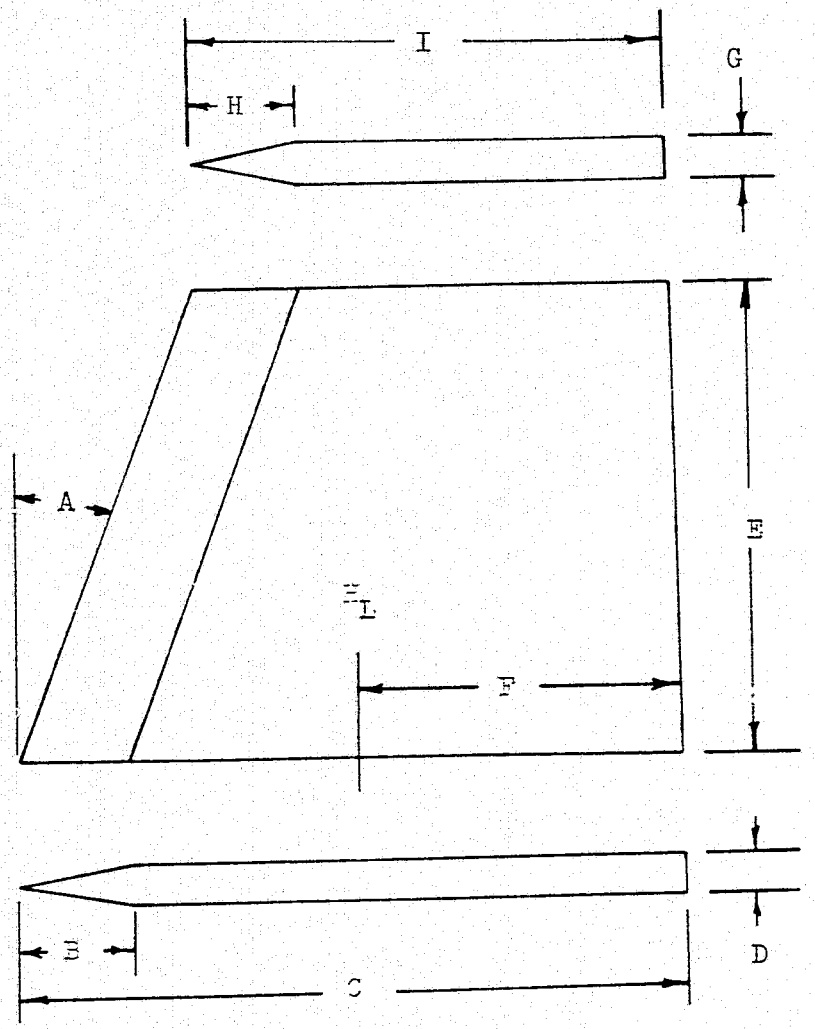
Figure 3. - Continued.




NOTE: SEE TABLE I FOR DIMENSIONS OF CONTROL PANELS

(c) Canard configurations

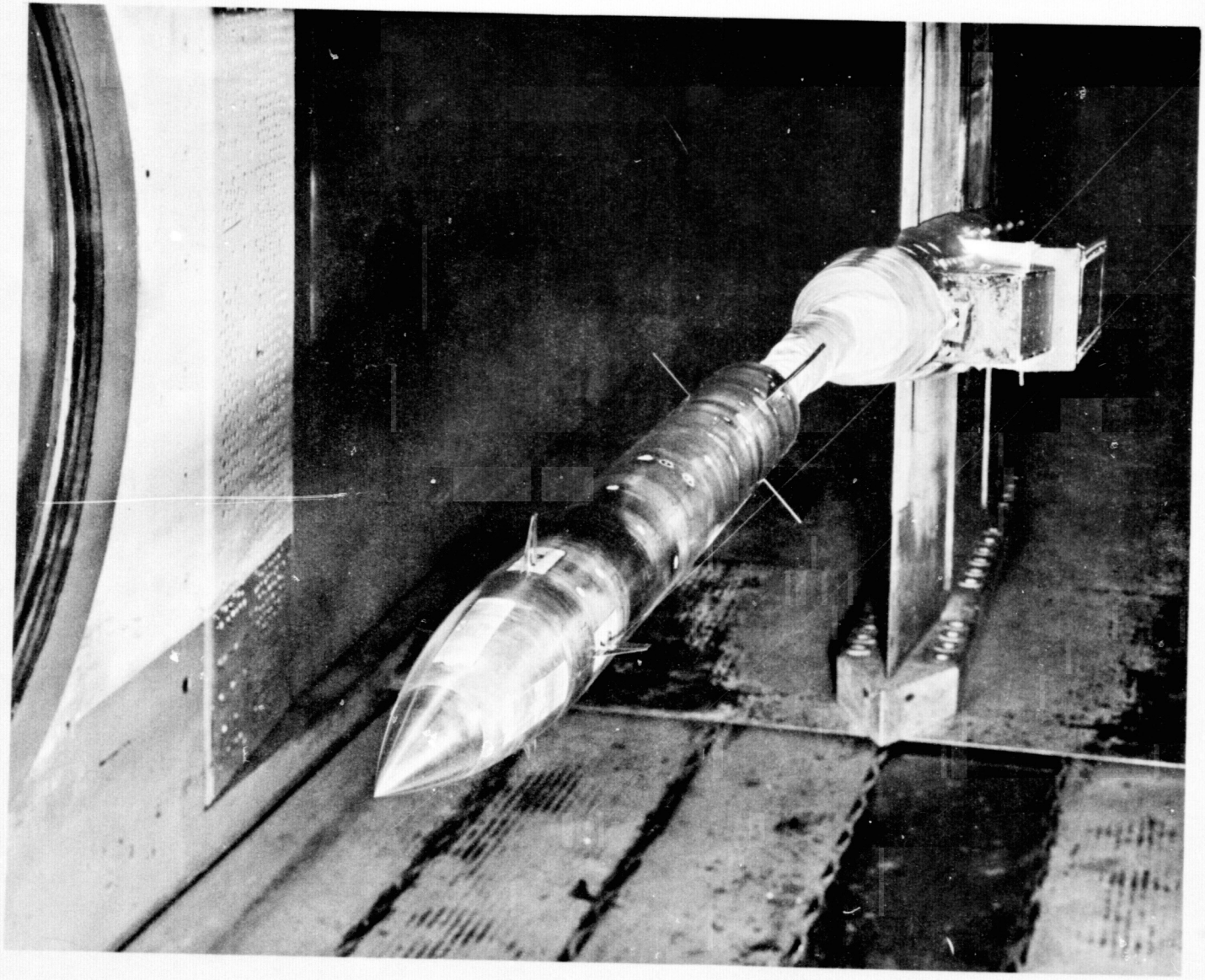
Figure 3. - Continued.




NOTE: SEE TABLE I FOR GEOMETRY OF CONTROL PANELS

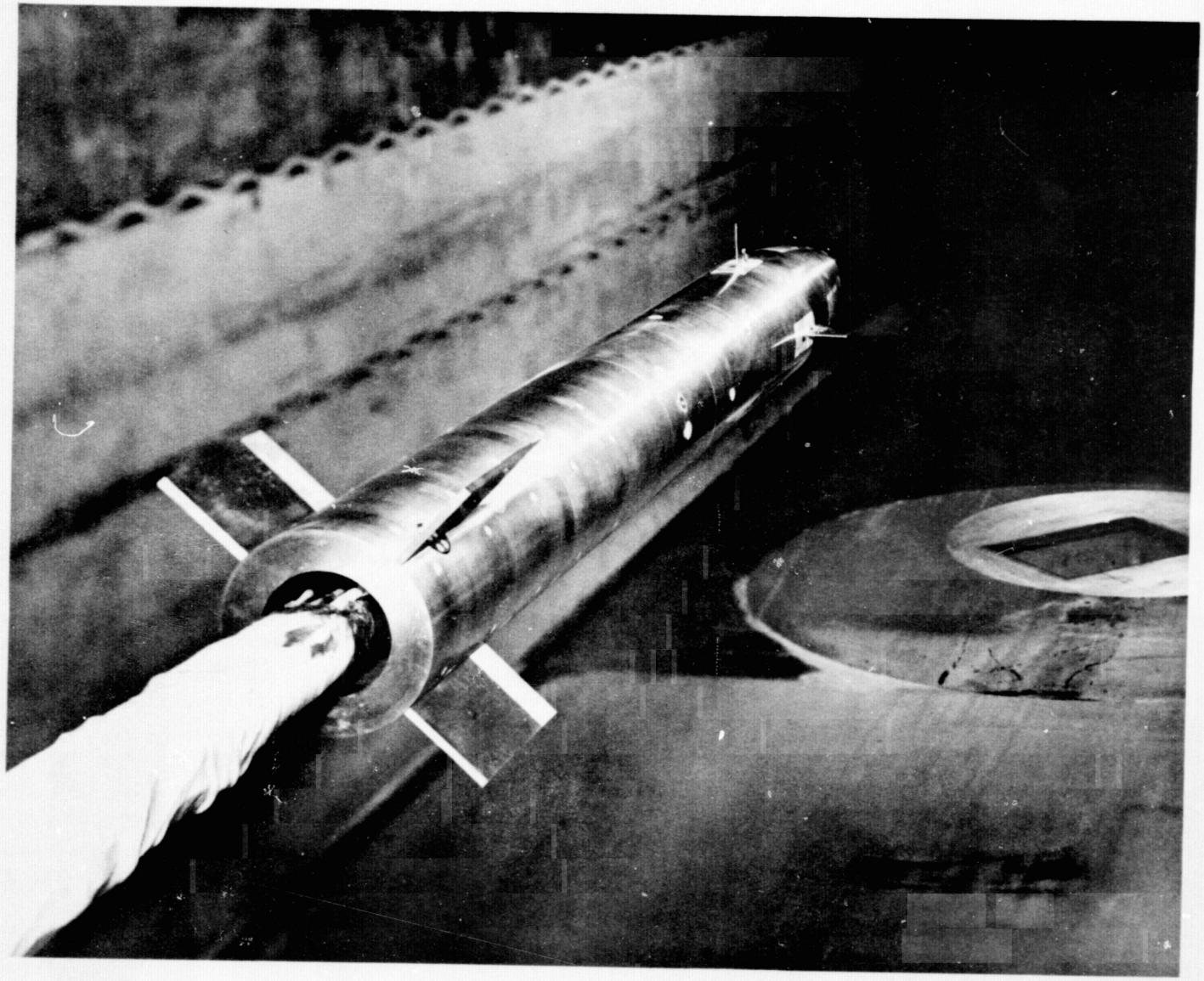
(d) Tail configuration

Figure 3. - Concluded.



(a) Three-quarter front view

Figure 4. - Model photographs.



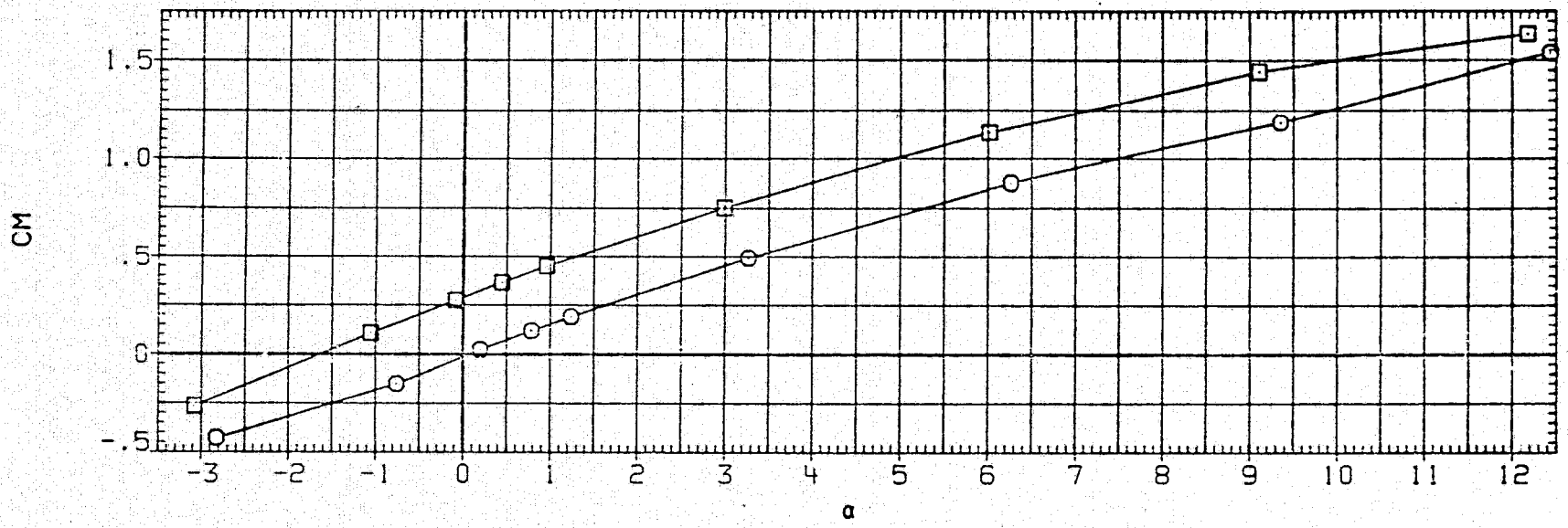
(b) Three-quarter rear view

Figure 4. - Concluded.

Data Figures

(REZ002) CONFIGURATION 1 (BN2)

| SYMBOL | MACH | | PARAMETRIC VALUES |
|---|---|---|---|
| ○ | 1.499 | BETA | .000 |
| □ | 1.998 | | |



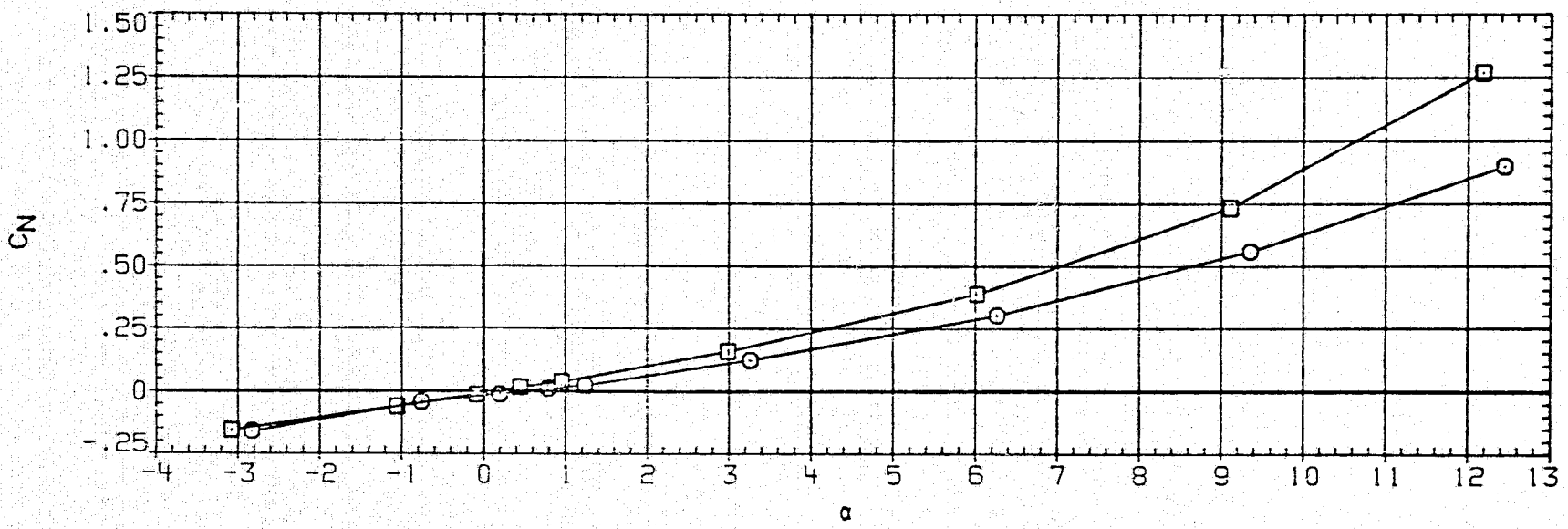




FIG. 5 BODY-ALONE CHARACTERISTICS

(REZ002) CONFIGURATION 1 (BN2)

| SYMBOL | MACH | | PARAMETRIC VALUES |
|---|---|---|---|
| ○ | 1.499 | BETA | .000 |
| □ | 1.998 | | |

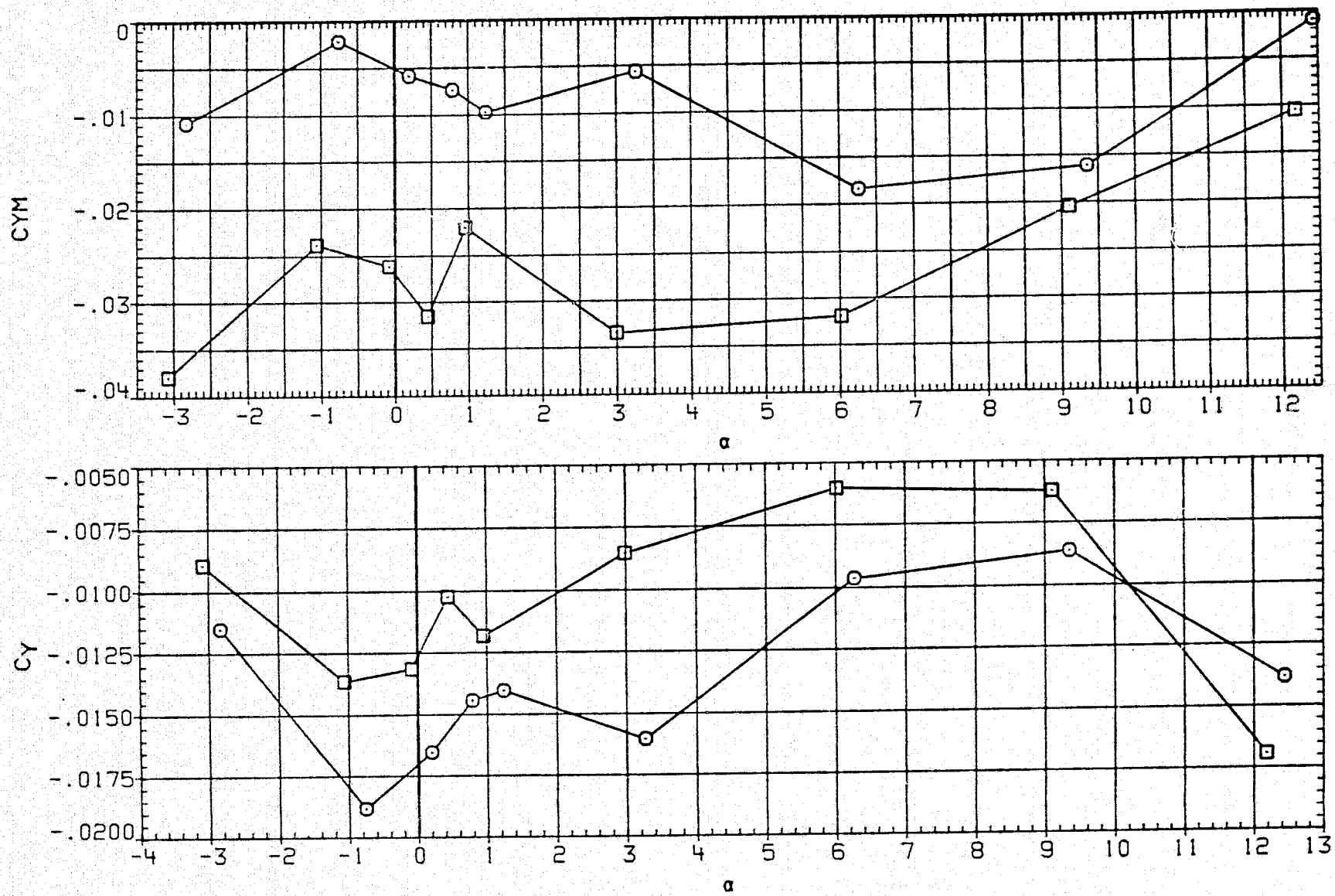
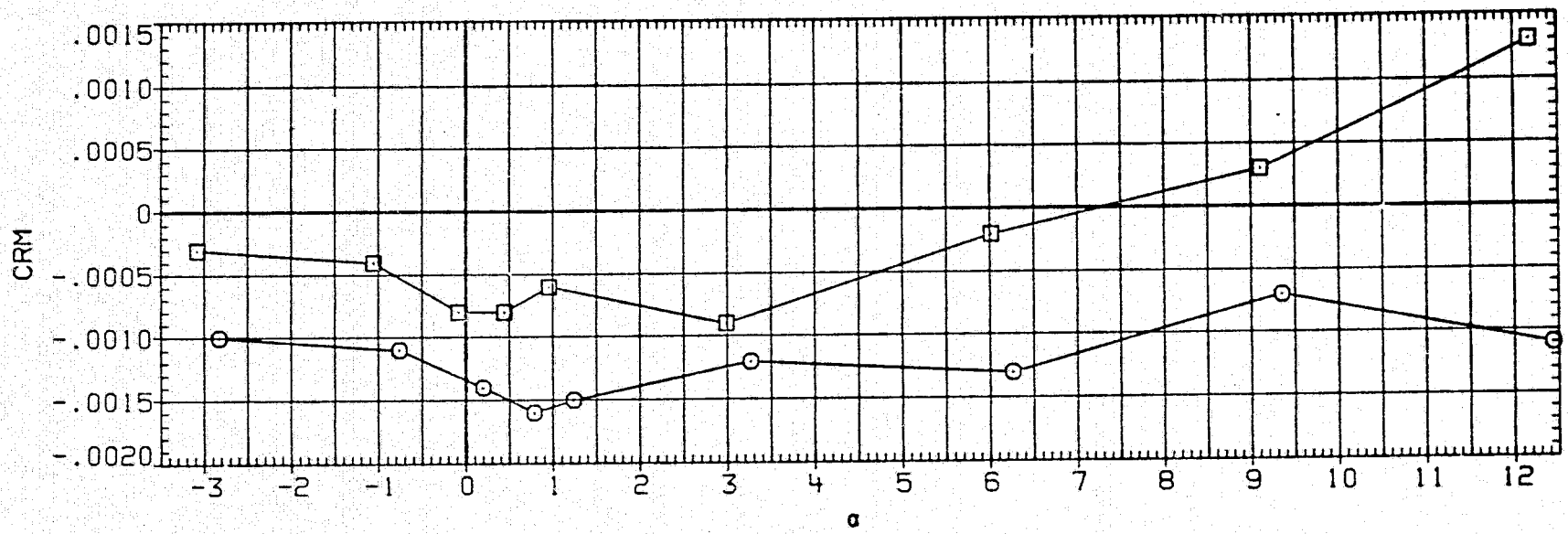



FIG. 5 BODY-ALONE CHARACTERISTICS

(REZ002) CONFIGURATION 1 (BN2)

| SYMBOL | MACH | PARAMETRIC VALUES | |
|---|---|---|---|
| ○ | 1.499 | BETA | .000 |
| □ | 1.998 | | |



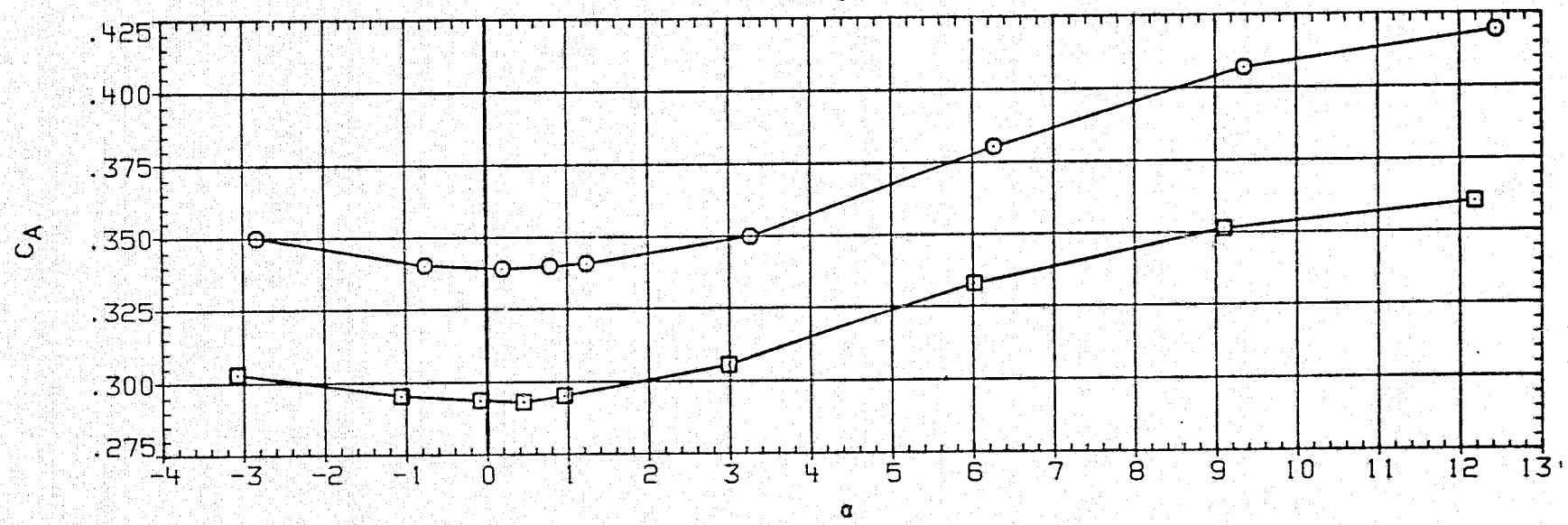




FIG. 5 BODY-ALONE CHARACTERISTICS

(BEZ008) CONFIGURATION 4 (BN2T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.500 | BETA | .000 |
| □ | CNB | PHI-C | .000 | PHI-T | .000 |
| ◇ | CM | | | | |
| △ | CMB | | | | |

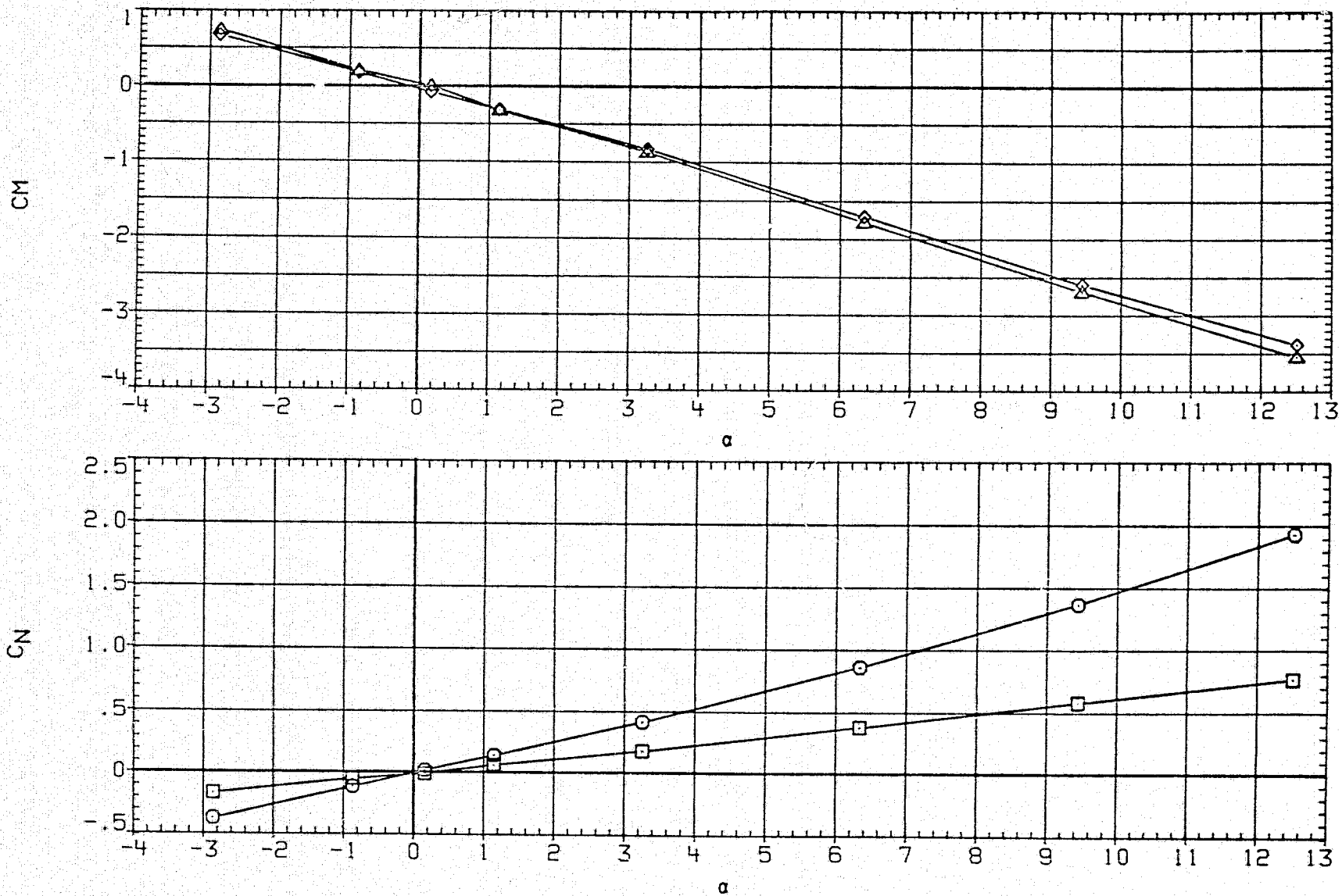



FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ008) CONFIGURATION 4 (BN2T1)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNB |
| ◇ | CM |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.996 | BETA | .000 |
| PHI-C | .000 | PHI-T | .000 |

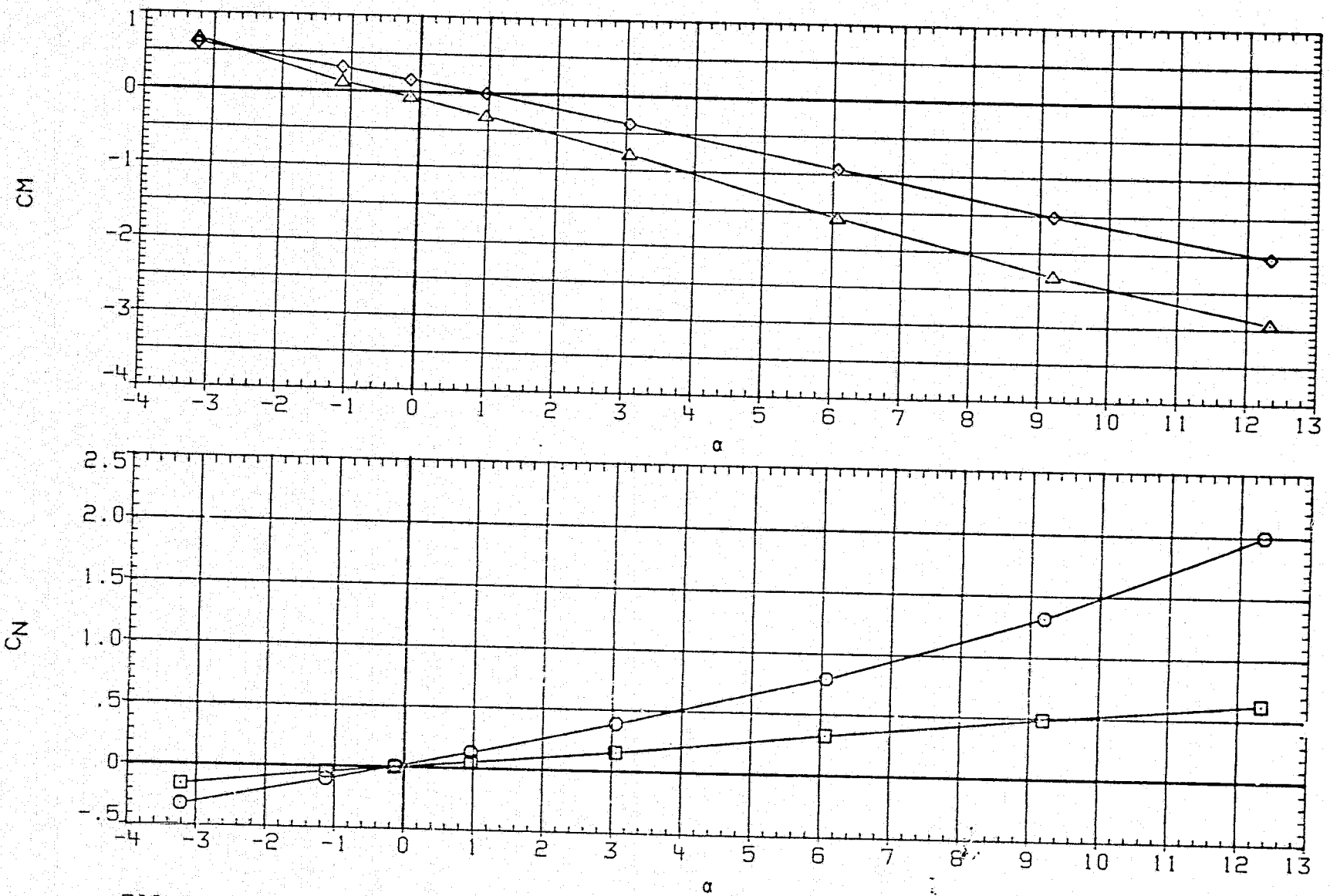



FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ008) CONFIGURATION 4 (BN2T1)

| SYMBOL | DATA |
|---|---|
| ○ | CY |
| □ | CYB |
| ◇ | CYM |
| △ | CYMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.500 | BETA | .000 |
| PHI-C | .000 | PHI-T | .000 |

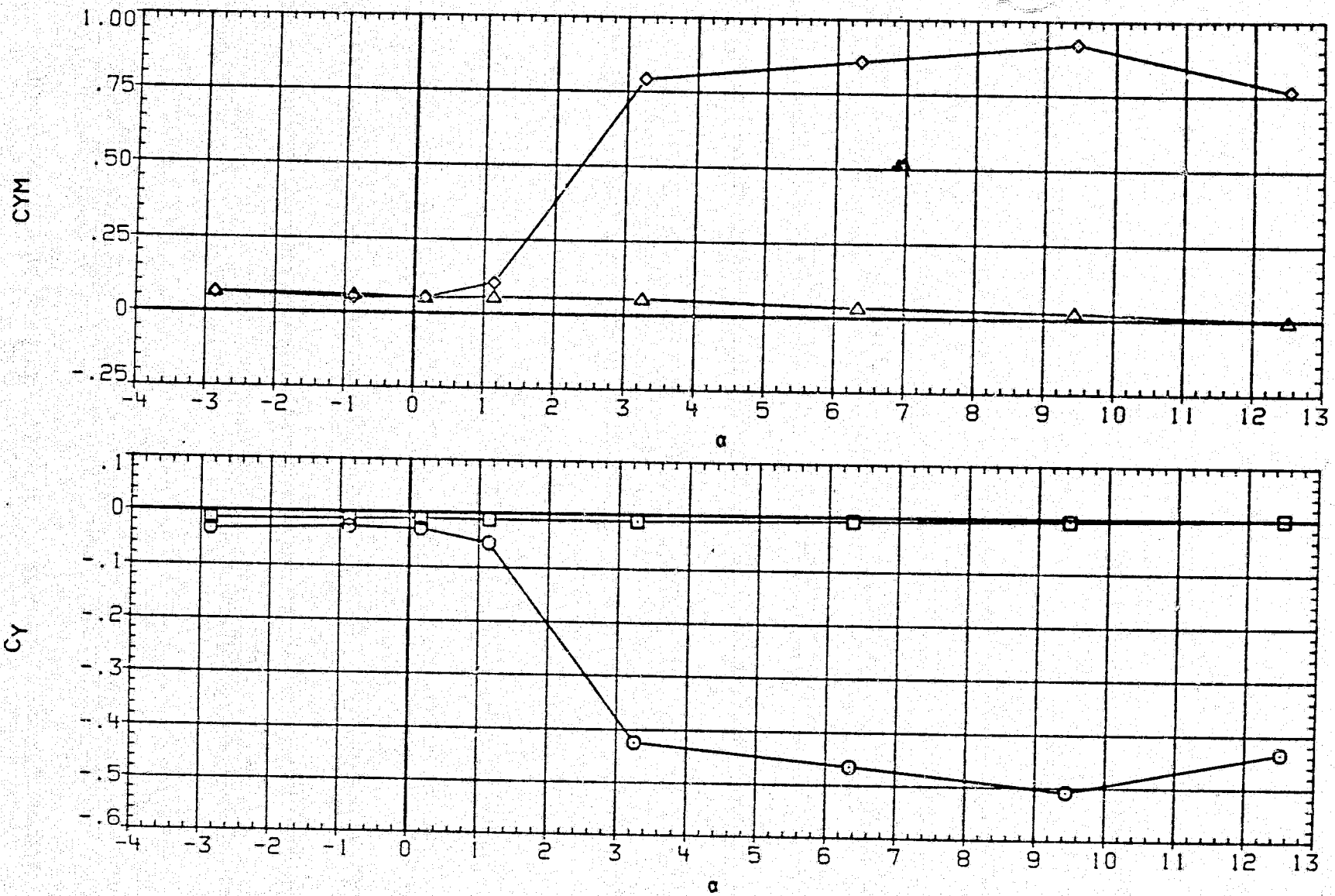



FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ008) CONFIGURATION 4 (BN2T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.996 | BETA | .000 |
| □ | CYB | PHI-C | .000 | PHI-T | .000 |
| ◇ | CYM | | | | |
| △ | CYMB | | | | |

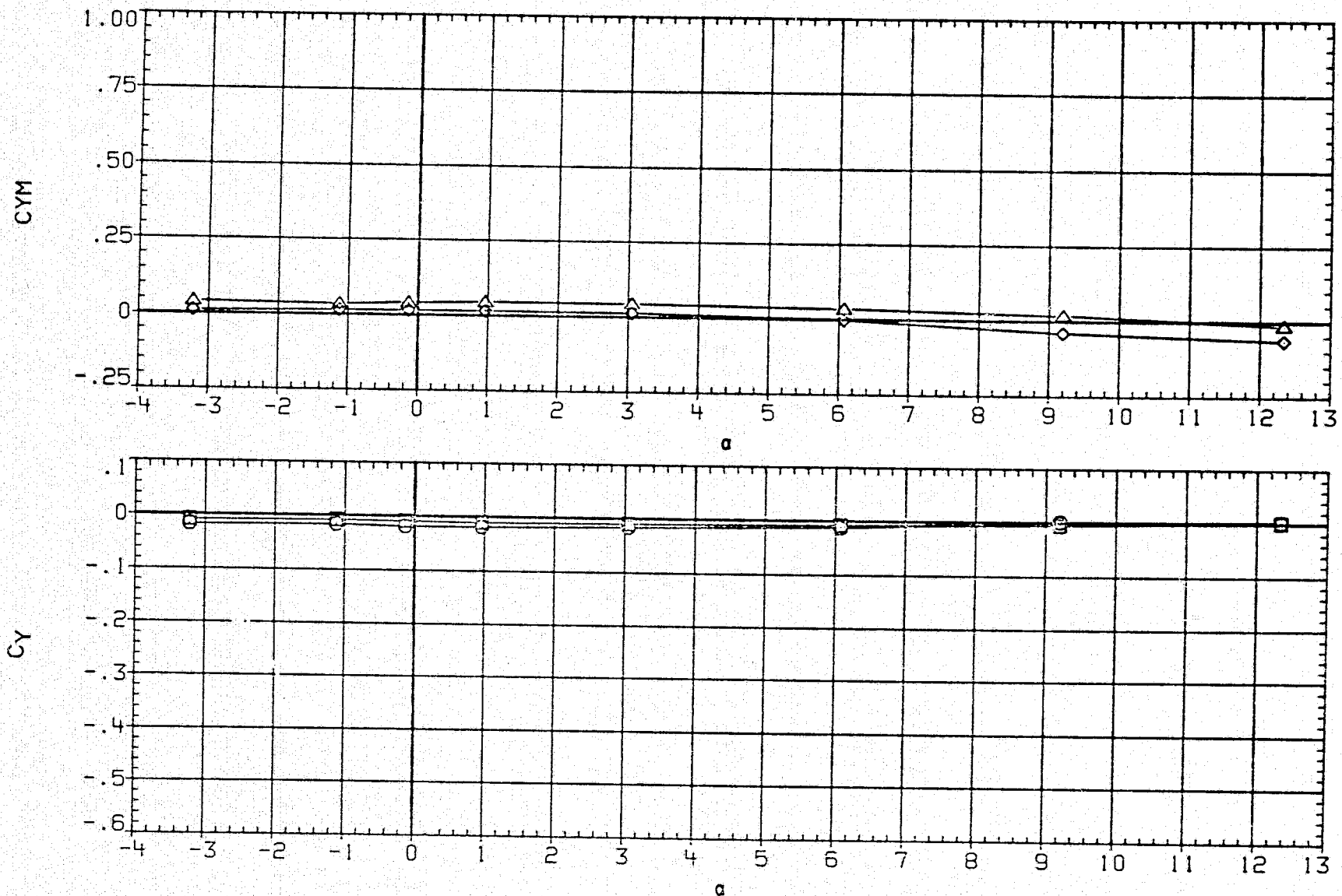



FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ008) CONFIGURATION 4 (BN2T1)

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

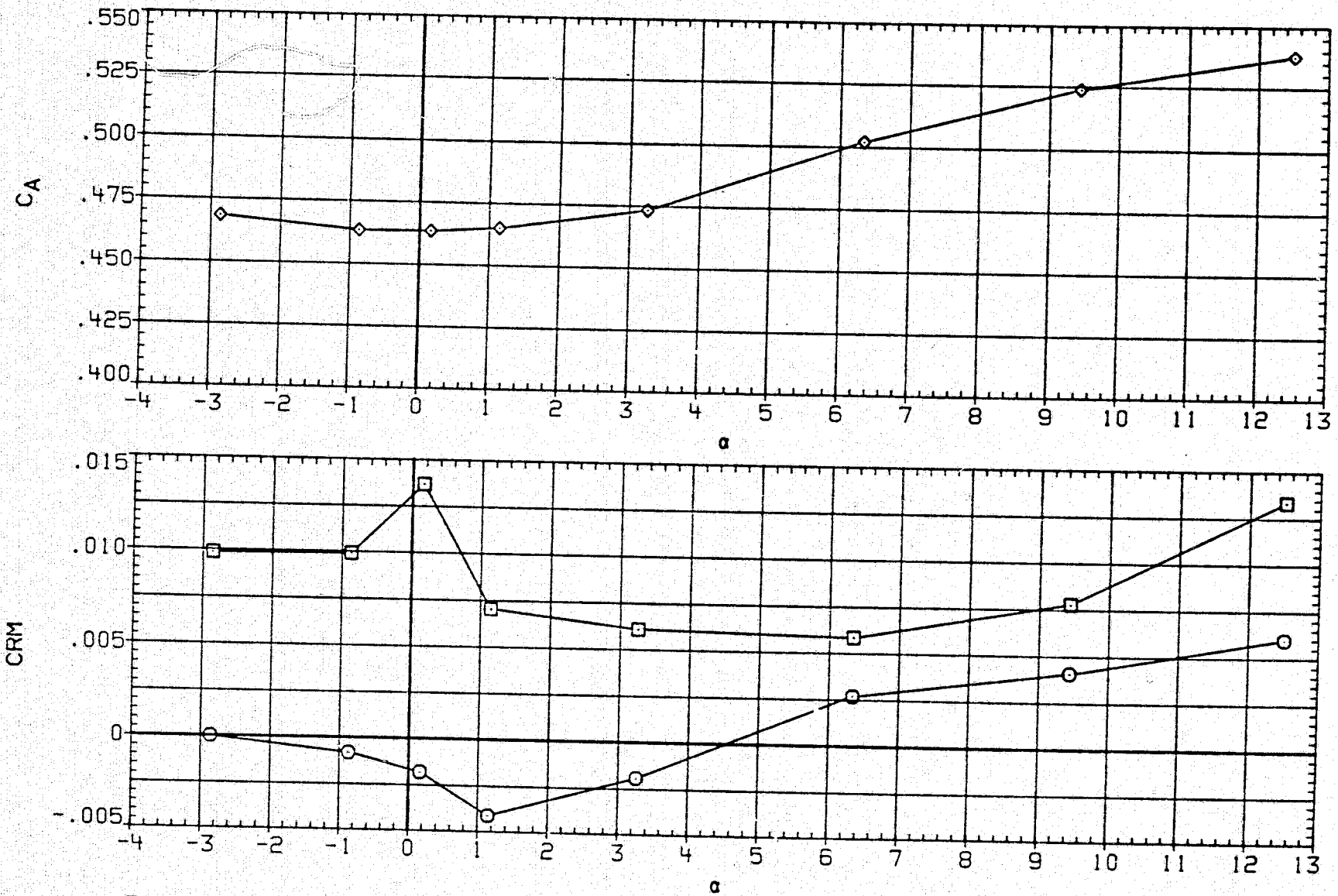



FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ008) CONFIGURATION 4 (BN2T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.995 | BETA | .000 |
| □ | CRMB | PHI-C | .000 | PHI-T | .000 |
| ◇ | CA | | | | |

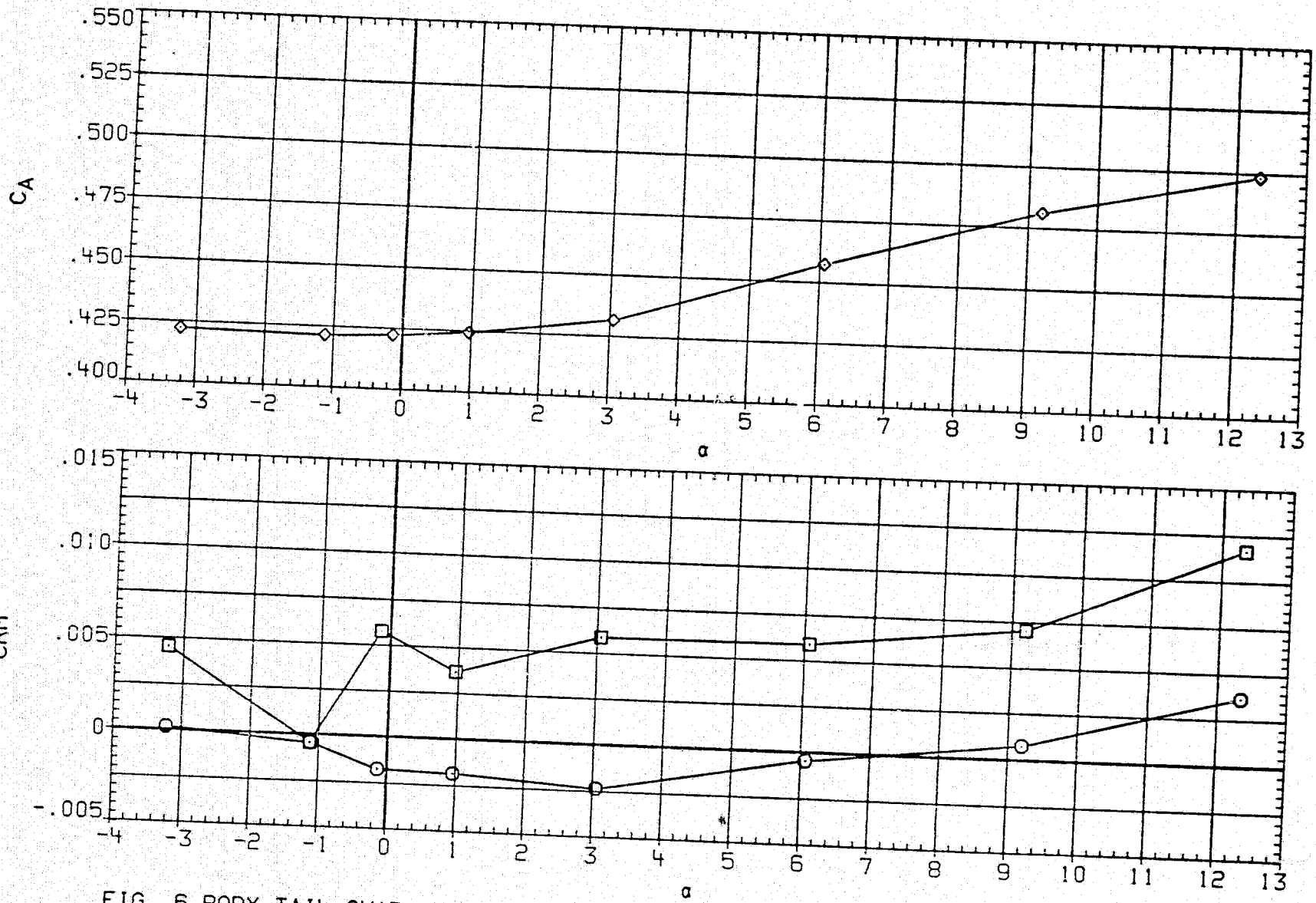



FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ114) CONFIGURATION 9 (BN2C1)

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

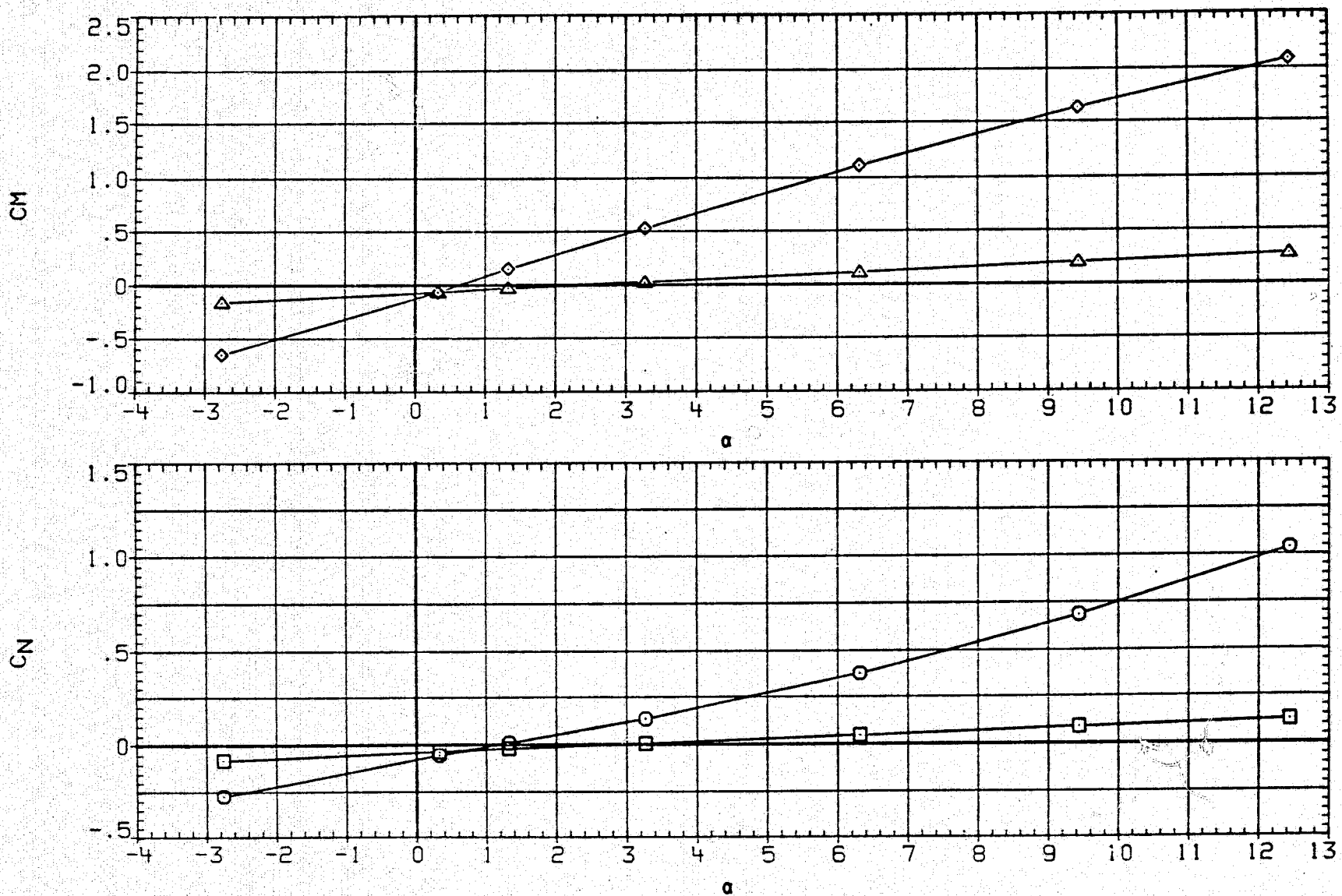



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ114) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.997 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | -3.000 | D4 | -3.000 |
| △ | CMB | D1-3 | .000 | D2-4 | -3.000 |
| | | PHI-C | .000 | | |

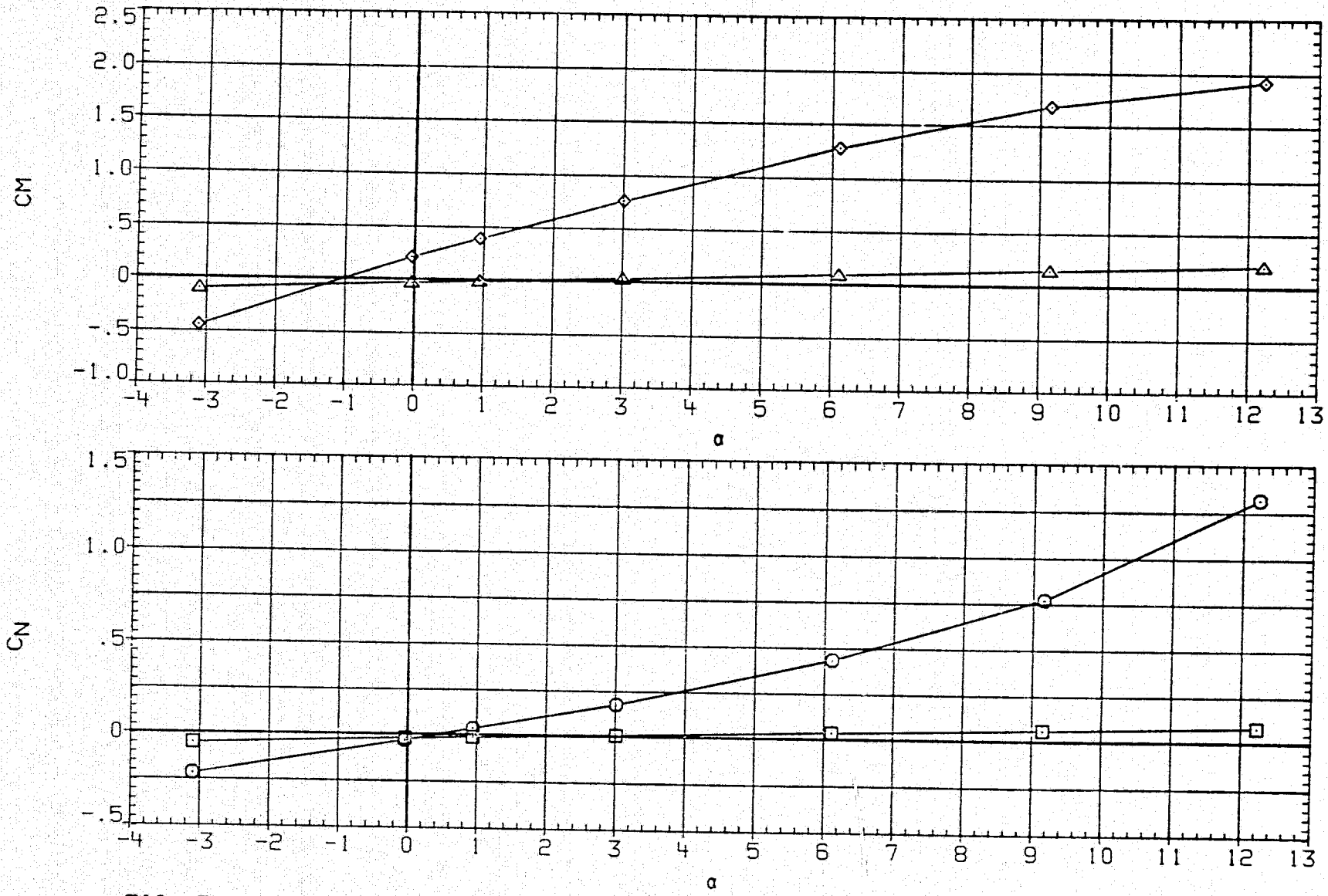



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ114) CONFIGURATION 9 (BN2C1)

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

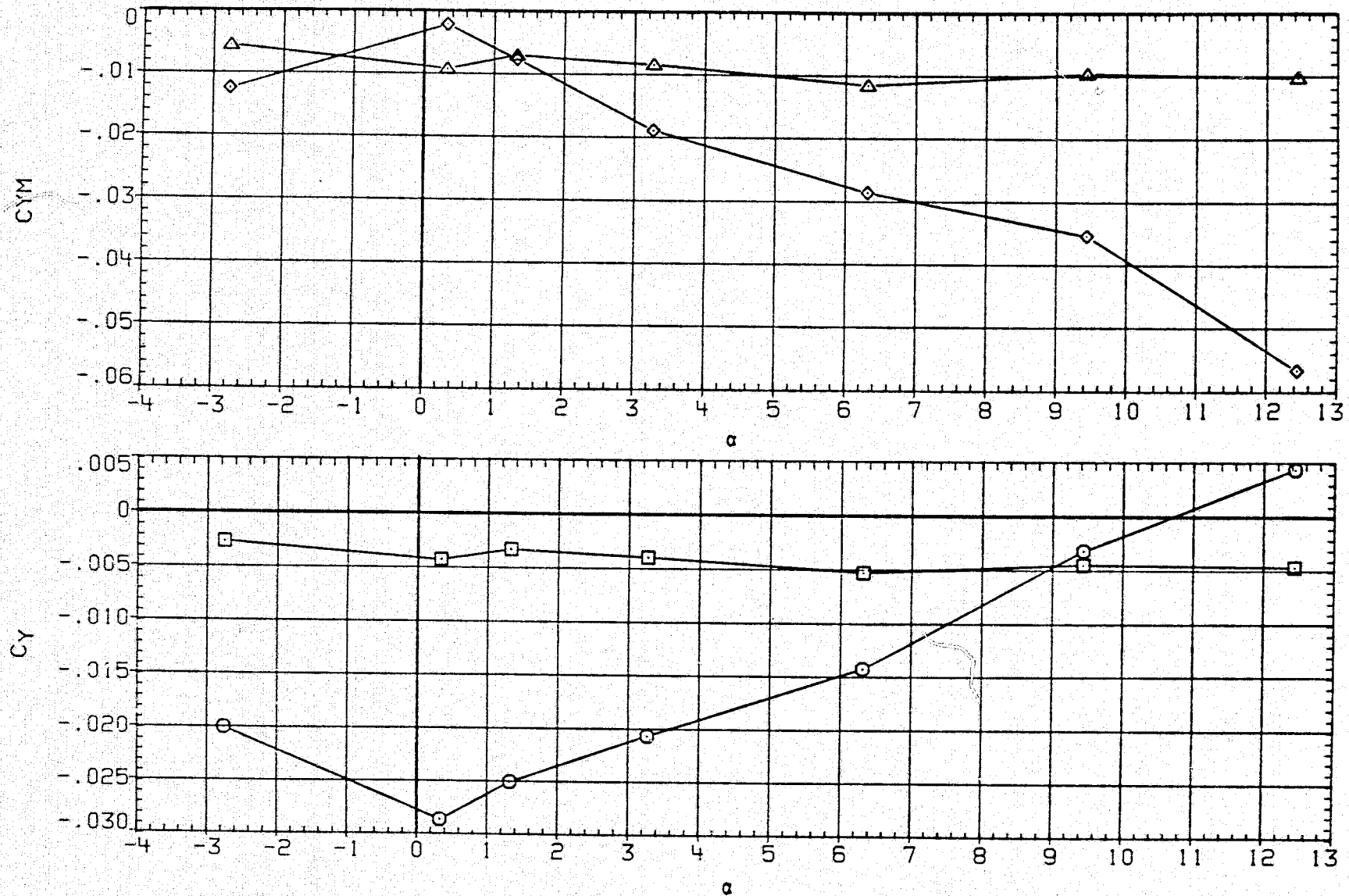



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

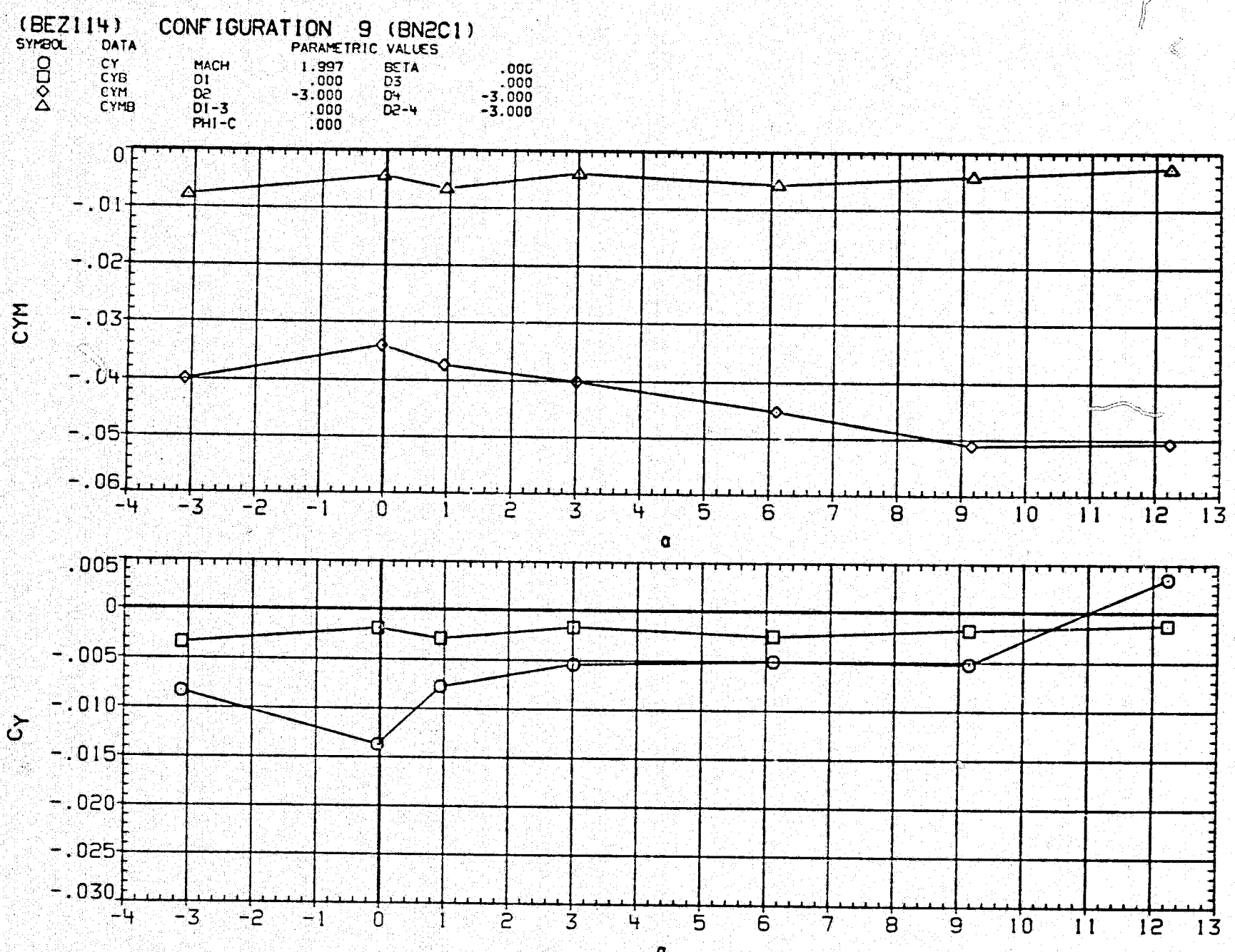



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ114) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.502 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | -3.000 | D4 | -3.000 |
| | | D1-3 | .000 | D2-4 | -3.000 |
| | | PHI-C | .000 | | |

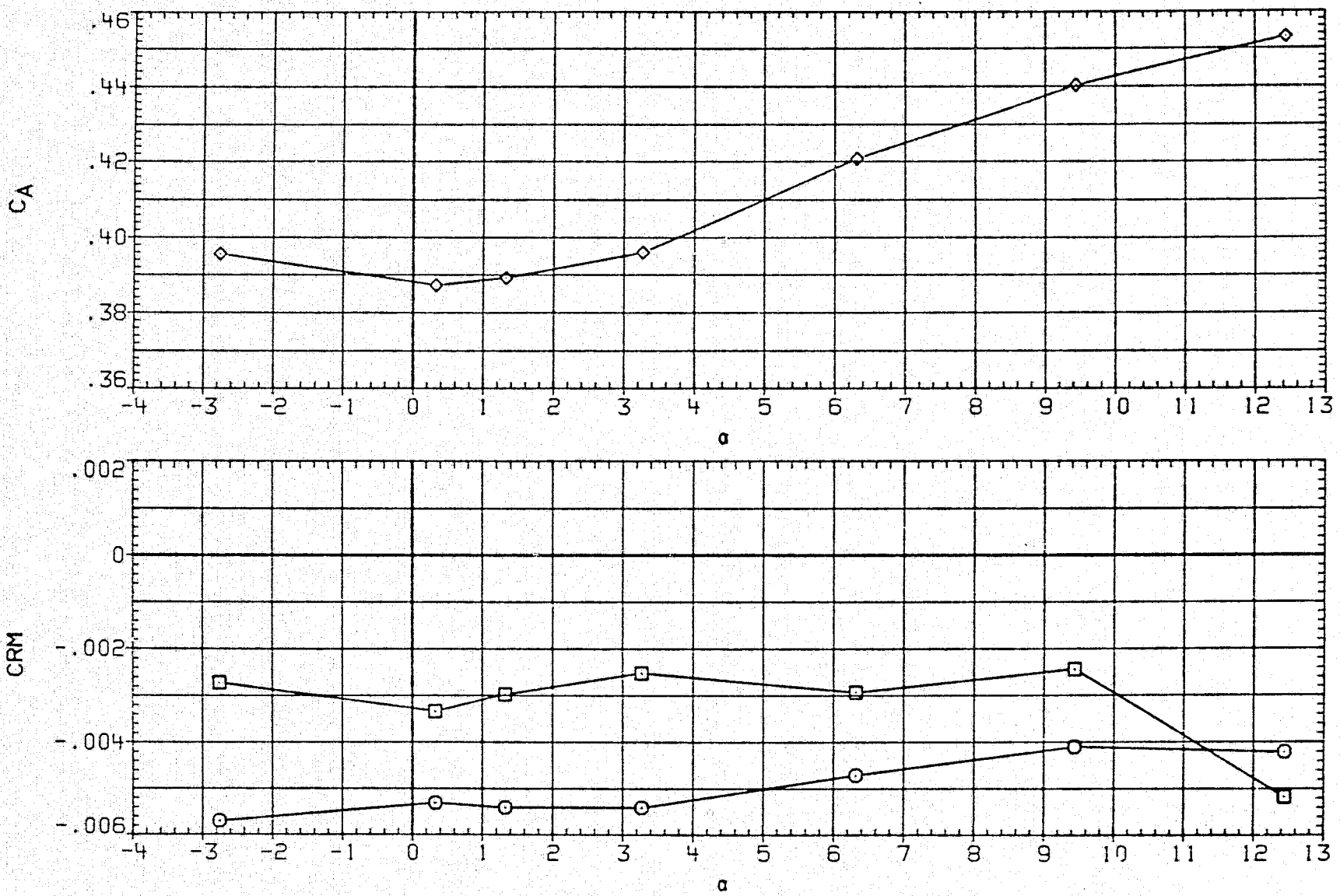



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ114) CONFIGURATION 9 (BN2C1)

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

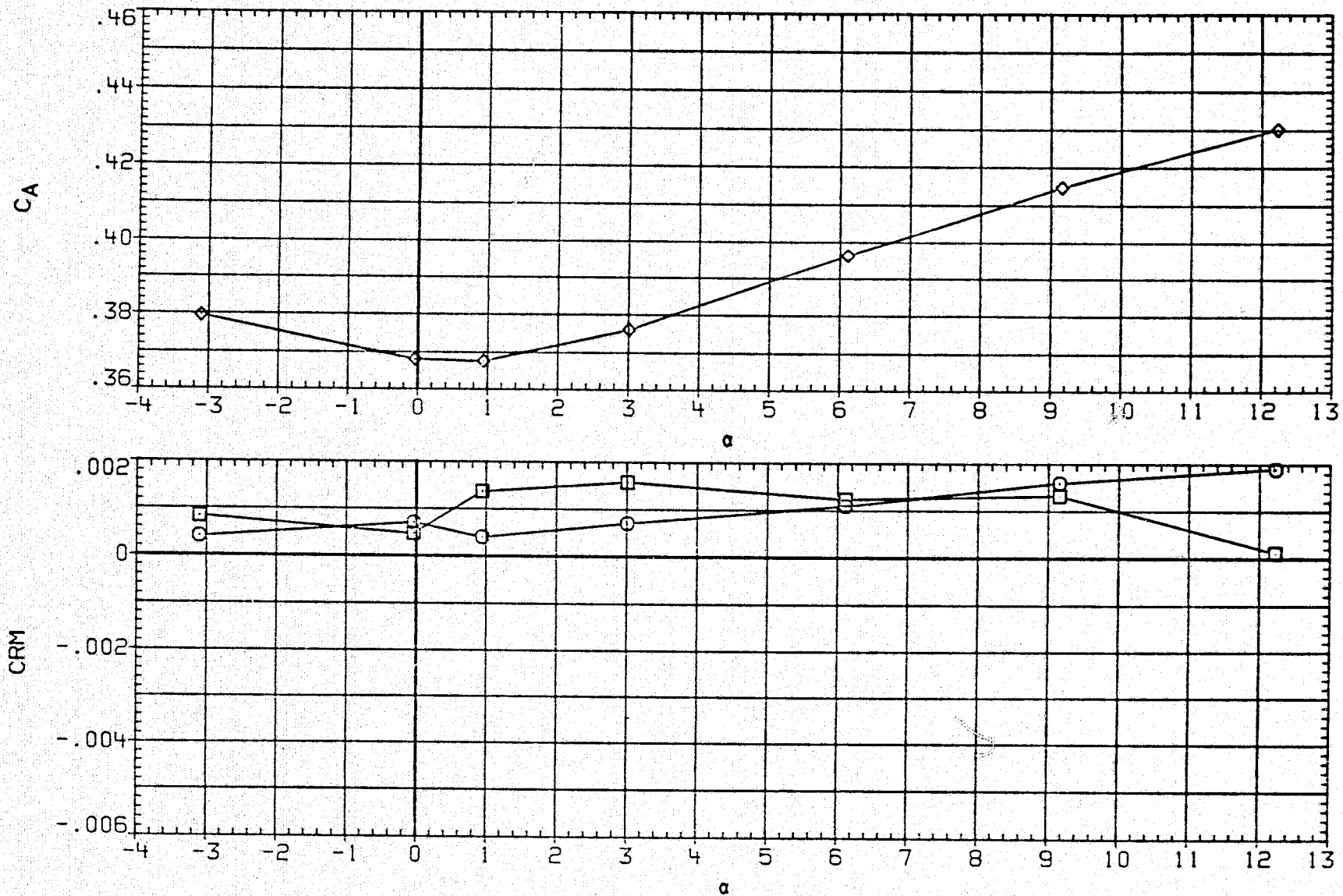



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ115) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.499 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | .000 | D4 | .000 |
| △ | CMB | D1-3 | .000 | D2-4 | .000 |
| | | PHI-C | .000 | | |

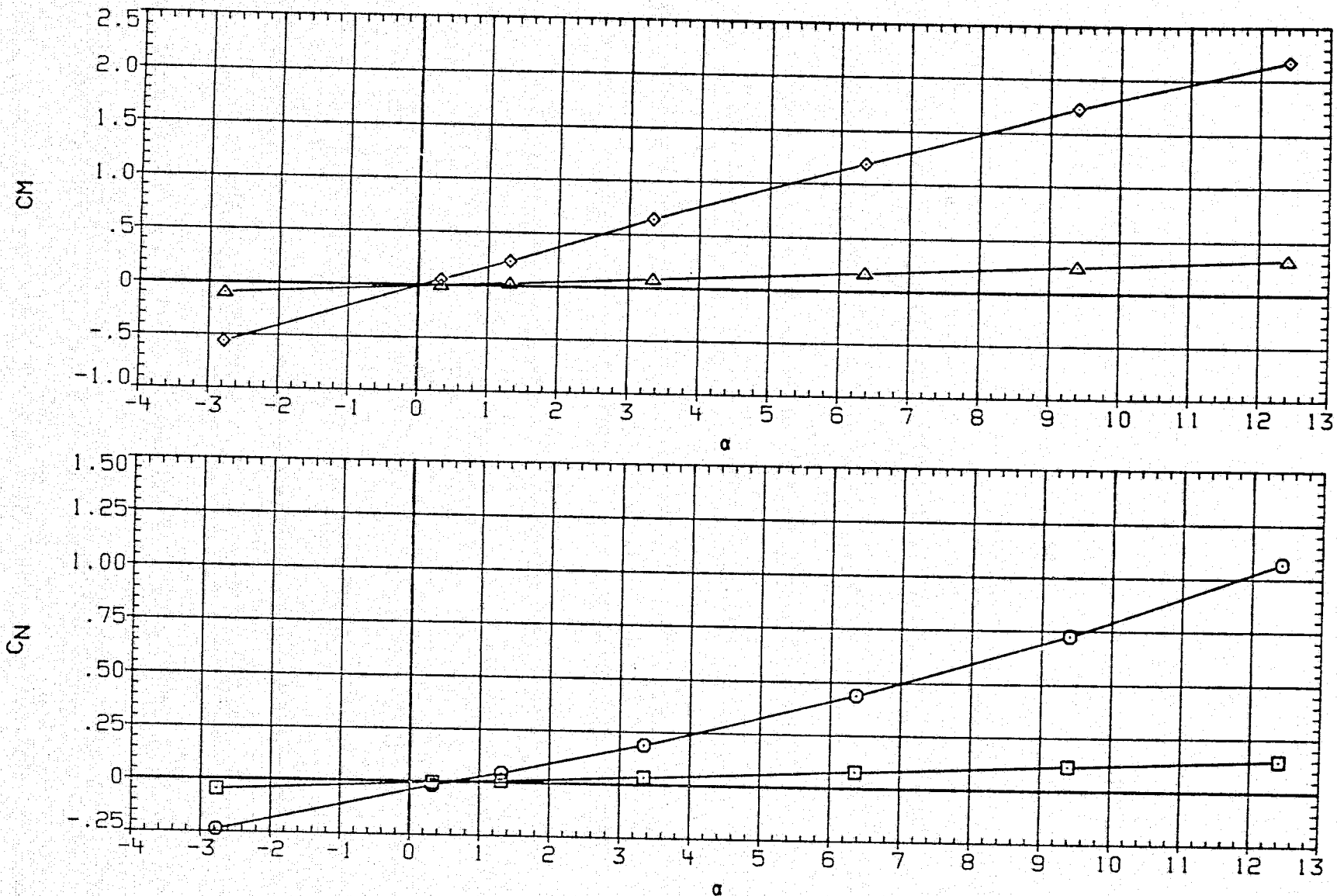



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ115) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNB |
| ◇ | CM |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.991 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | .000 | D4 | .000 |
| D1-3 | .000 | D2-4 | .000 |
| PHI-C | .000 | | |

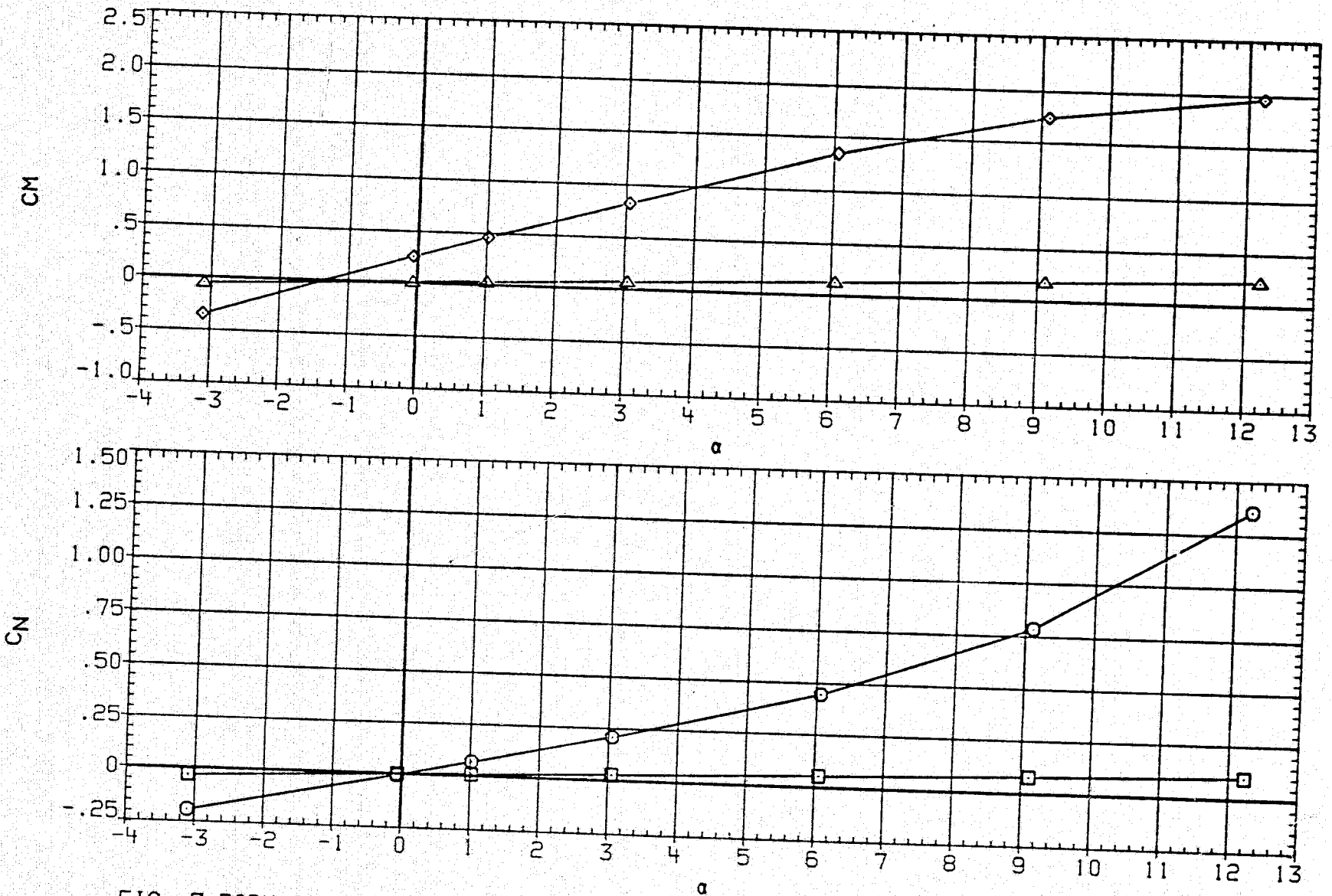



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ115) CONFIGURATION 9 (BN2C1)

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

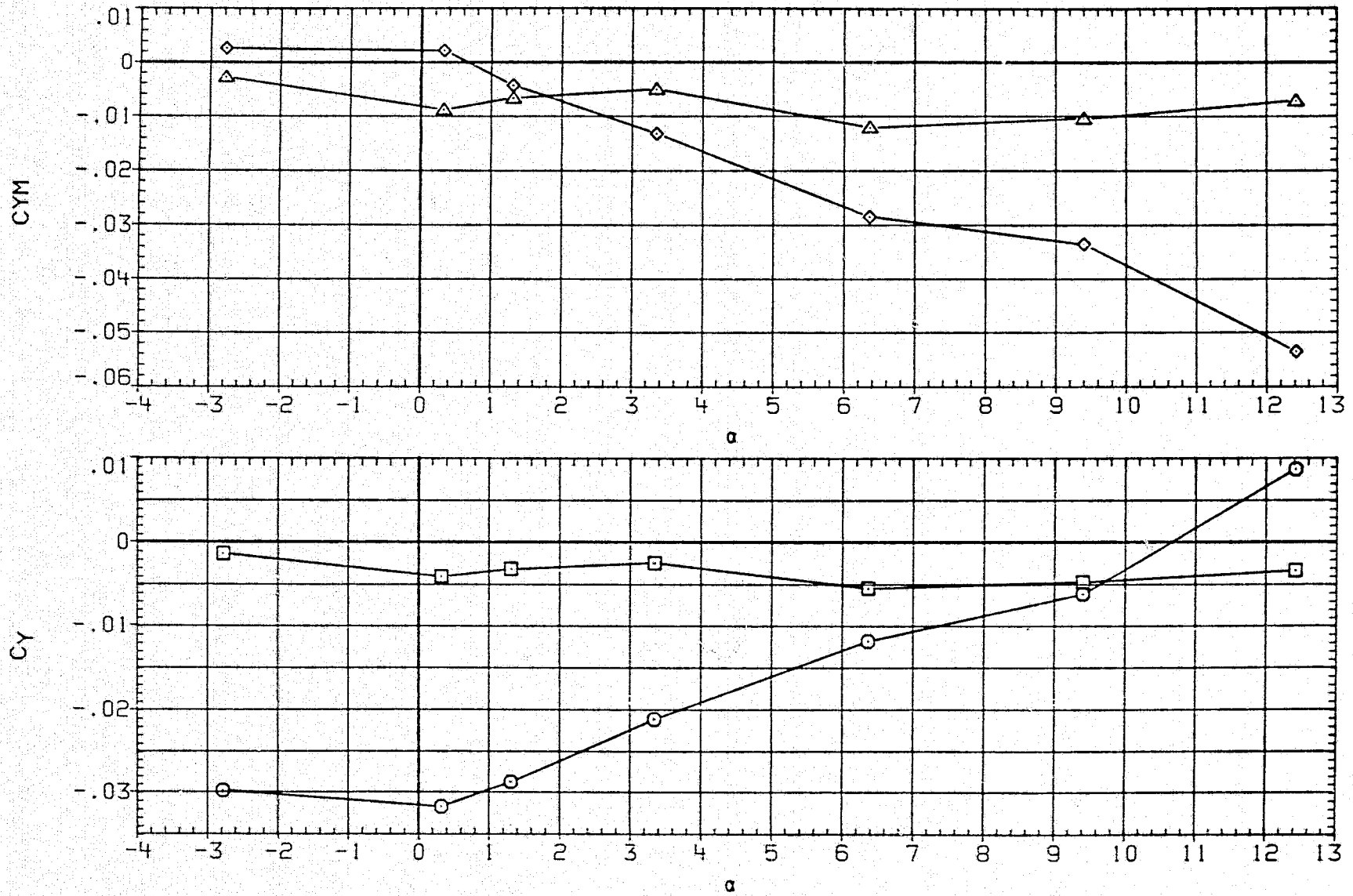



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ115) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.991 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | .000 | D4 | .000 |
| △ | CYMB | D1-3 | .000 | D2-4 | .000 |
| | | PHI-C | .000 | | |

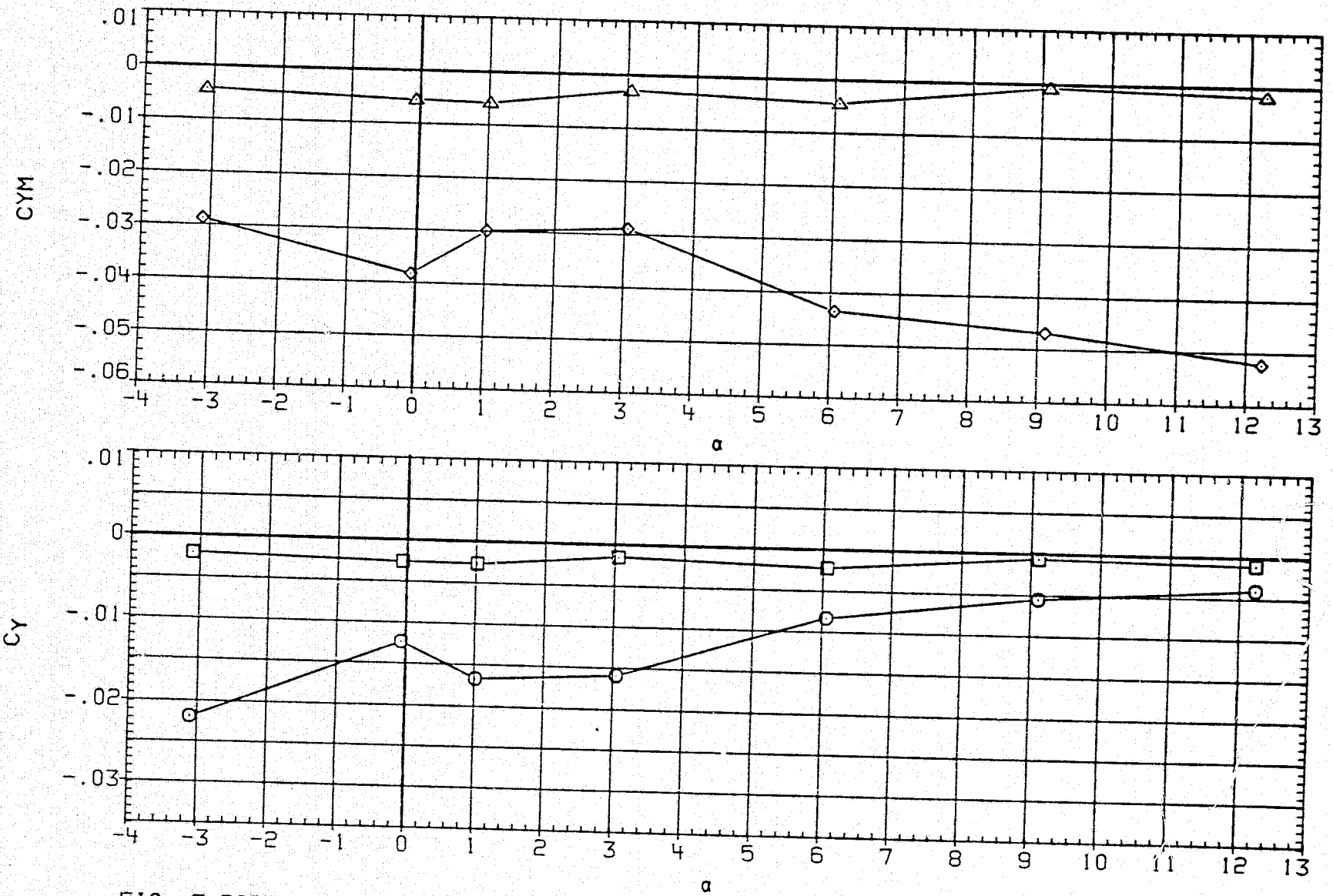



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ115) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRM2 |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.499 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | .000 | D4 | .000 |
| D1-3 | .000 | D2-4 | .000 |
| PHI-C | .000 | | |

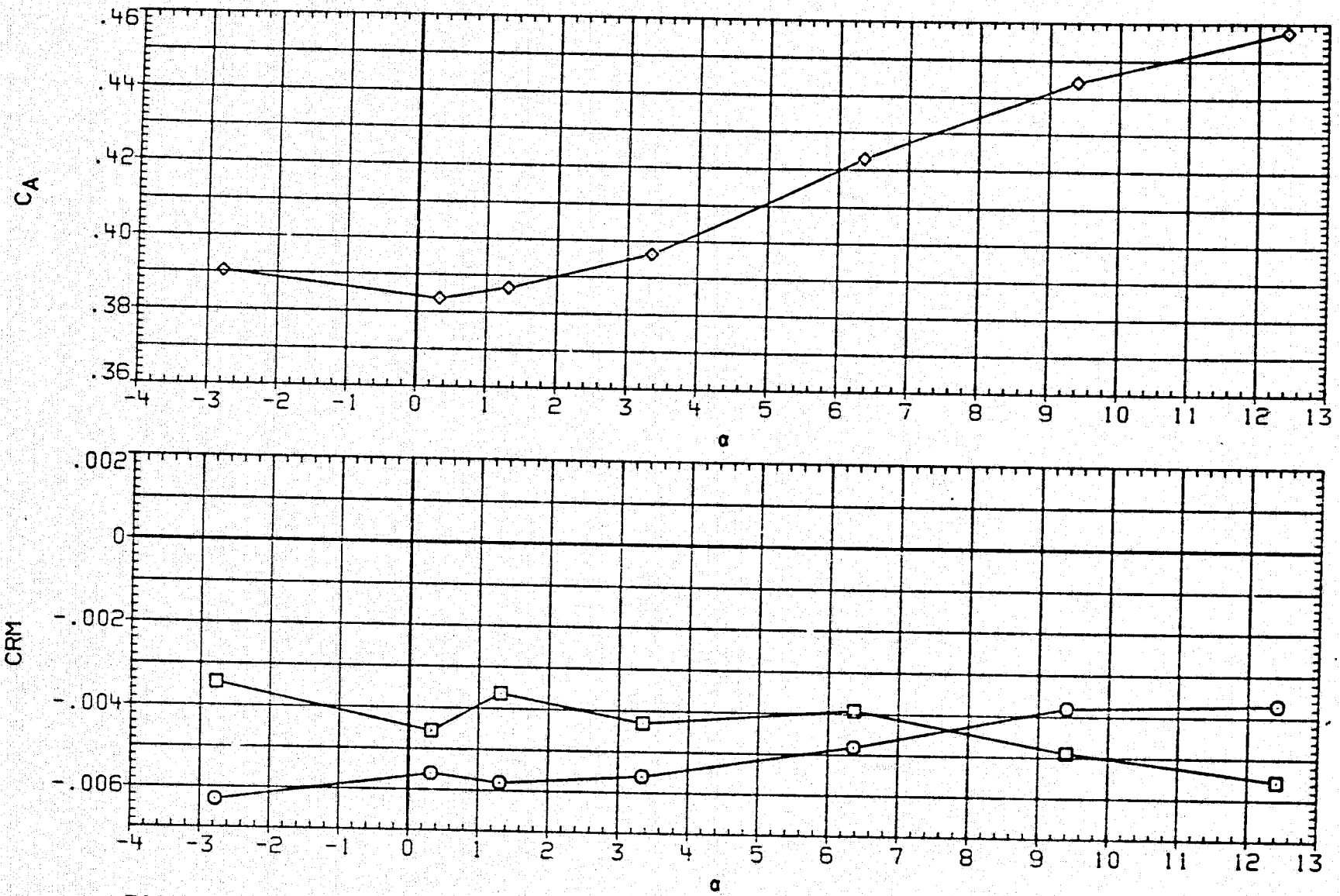



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ115) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.991 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | .000 | D4 | .000 |
| | | D1-3 | .000 | D2-4 | .000 |
| | | PHI-C | .000 | | |

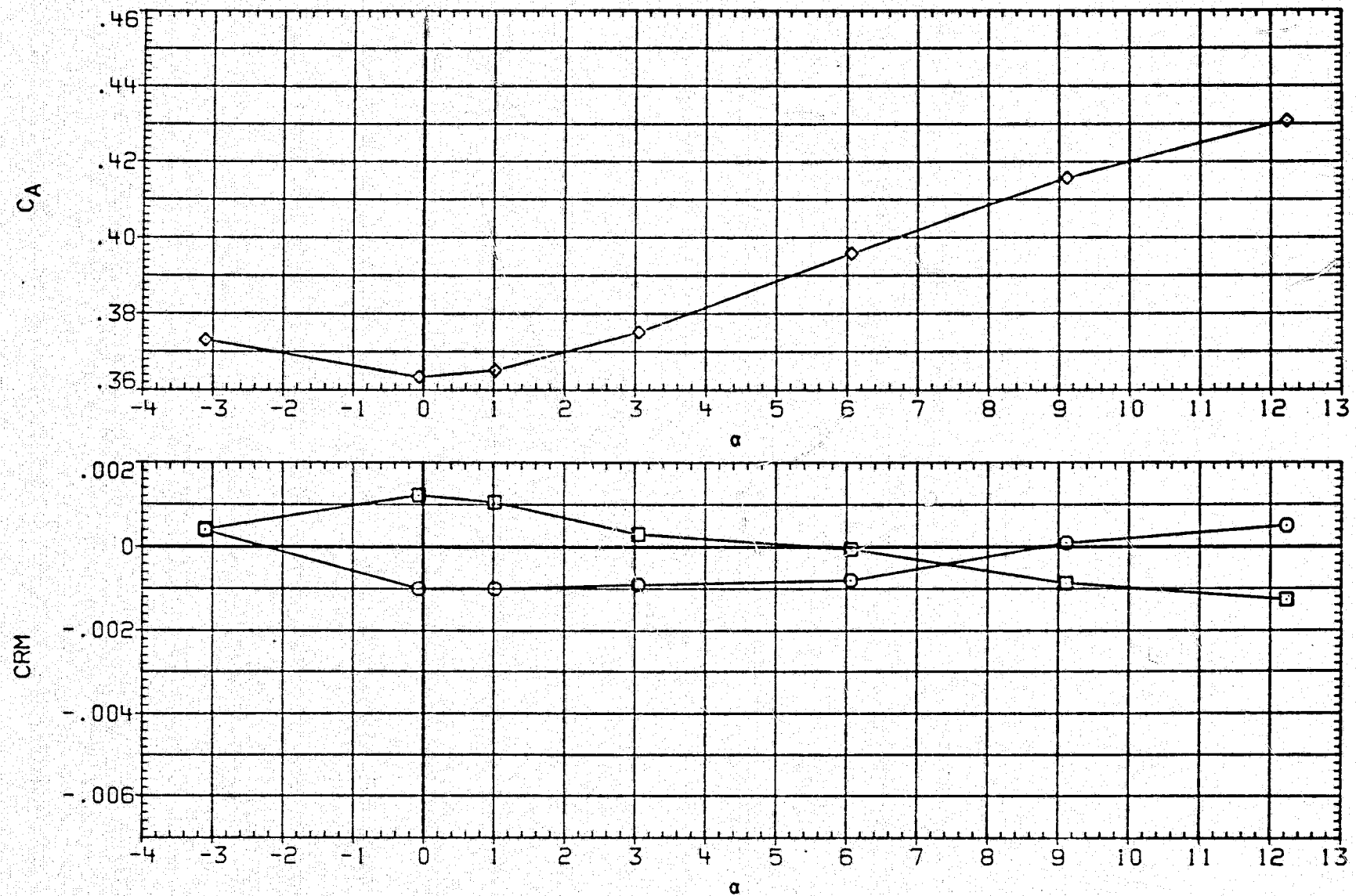



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ116) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.498 | 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 | | |

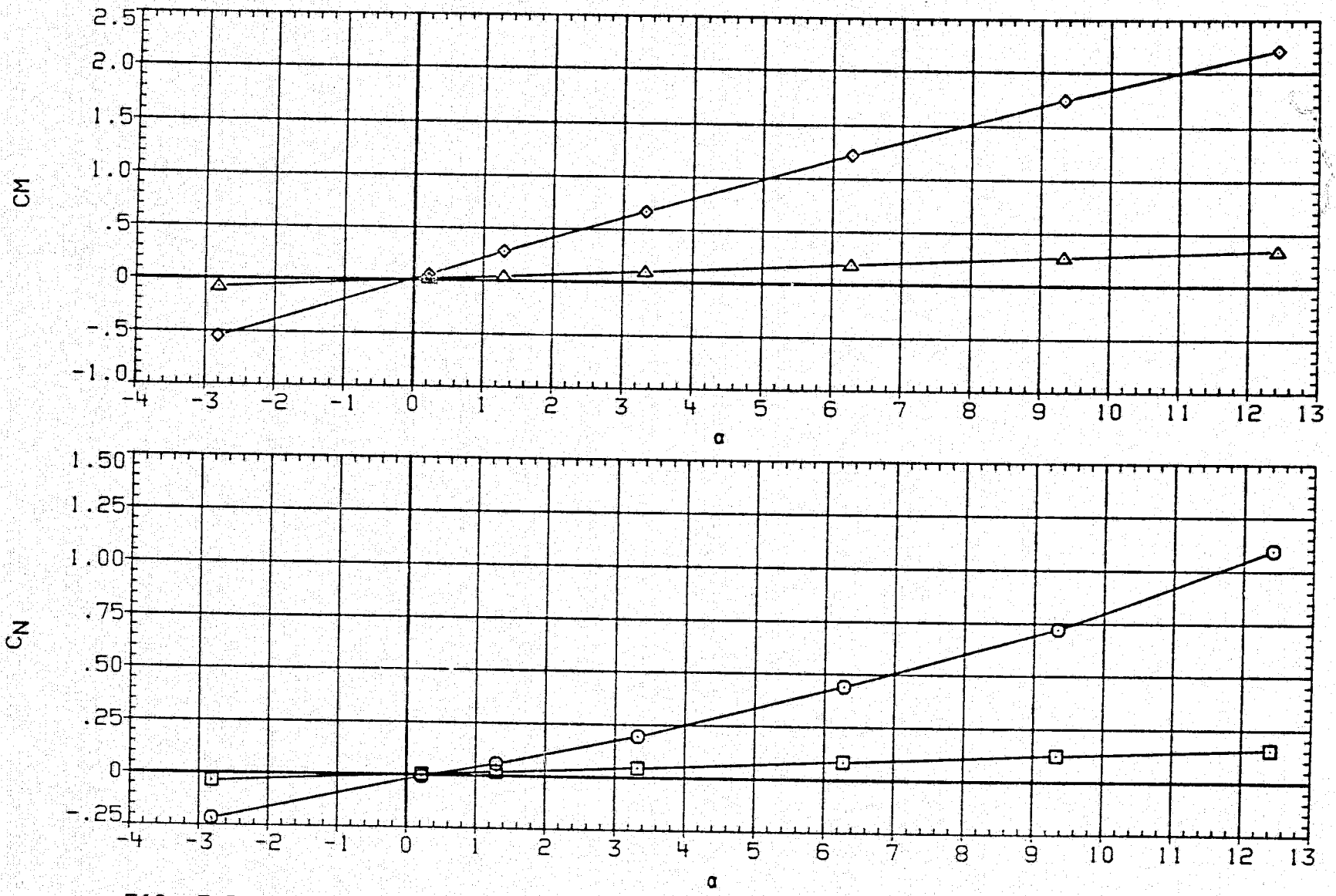


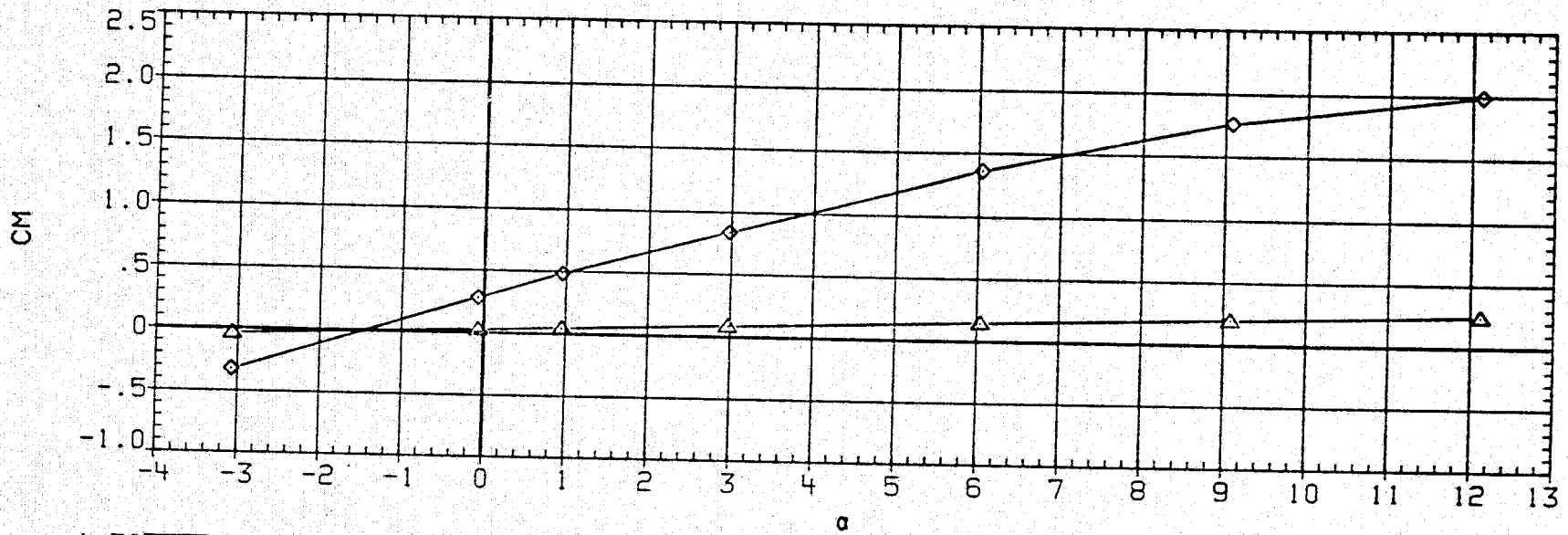

FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ116) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNB |
| ◇ | CM |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.993 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 1.000 | D4 | 1.000 |
| D1-3 | .000 | D2-4 | 1.000 |
| PHI-C | .000 | | |



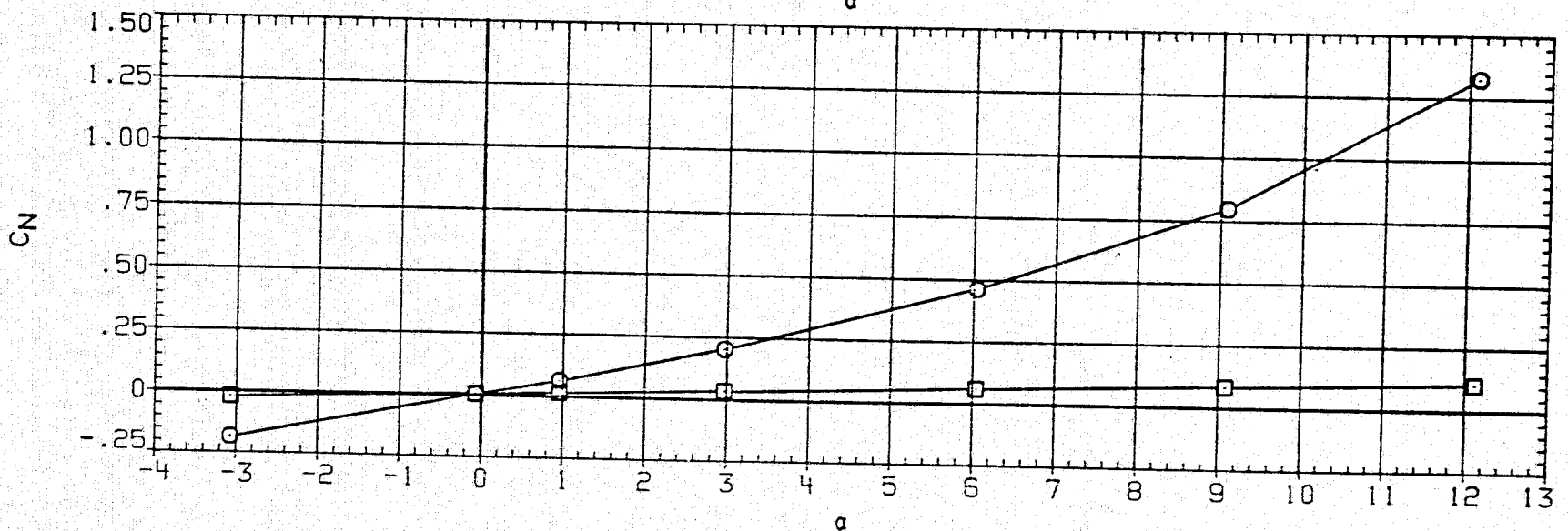




FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ116) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.498 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 1.000 | D4 | 1.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | | |

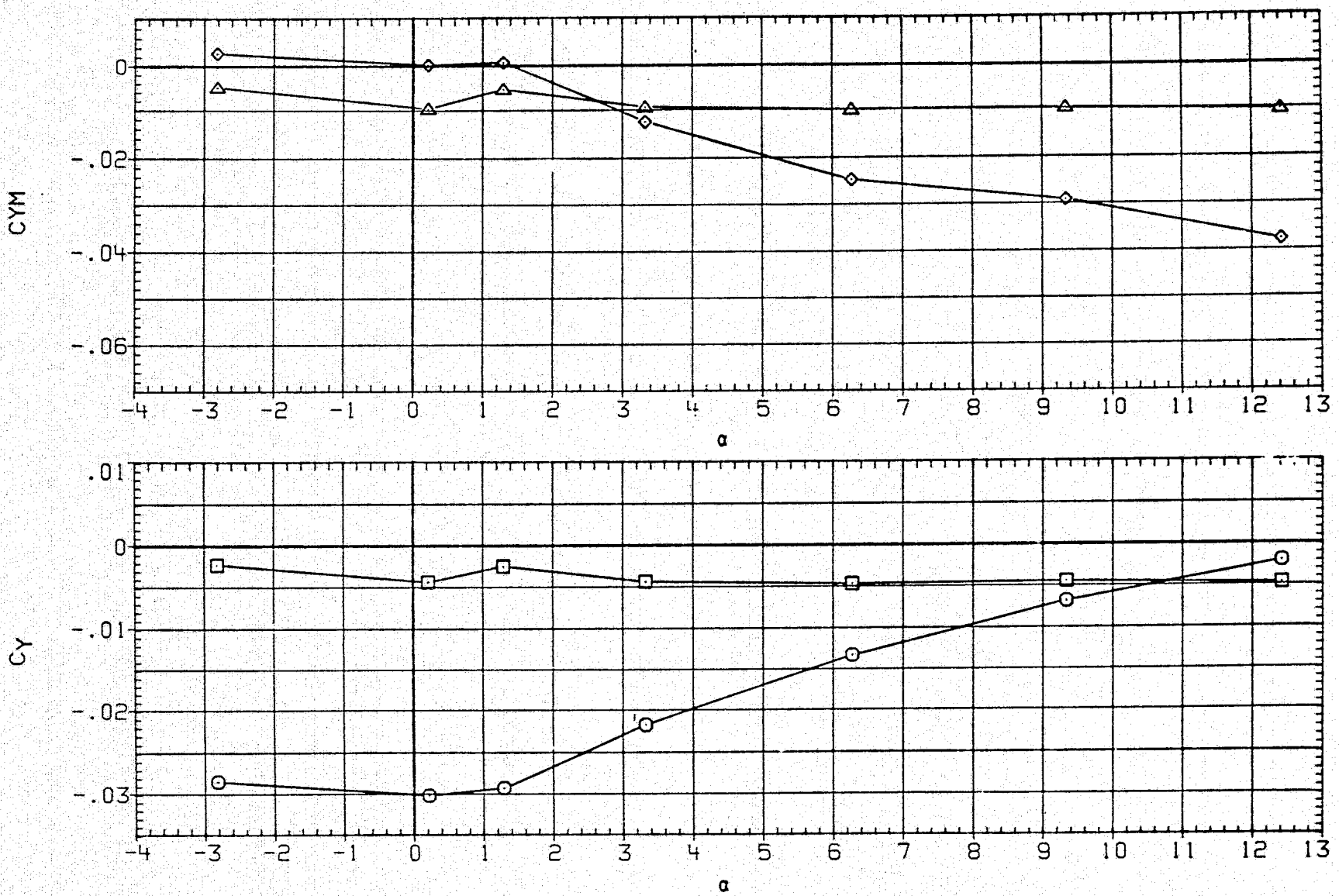



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ116) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.993 | BETA | .000 |
| □ | CYS | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 1.000 | D4 | 1.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | | |

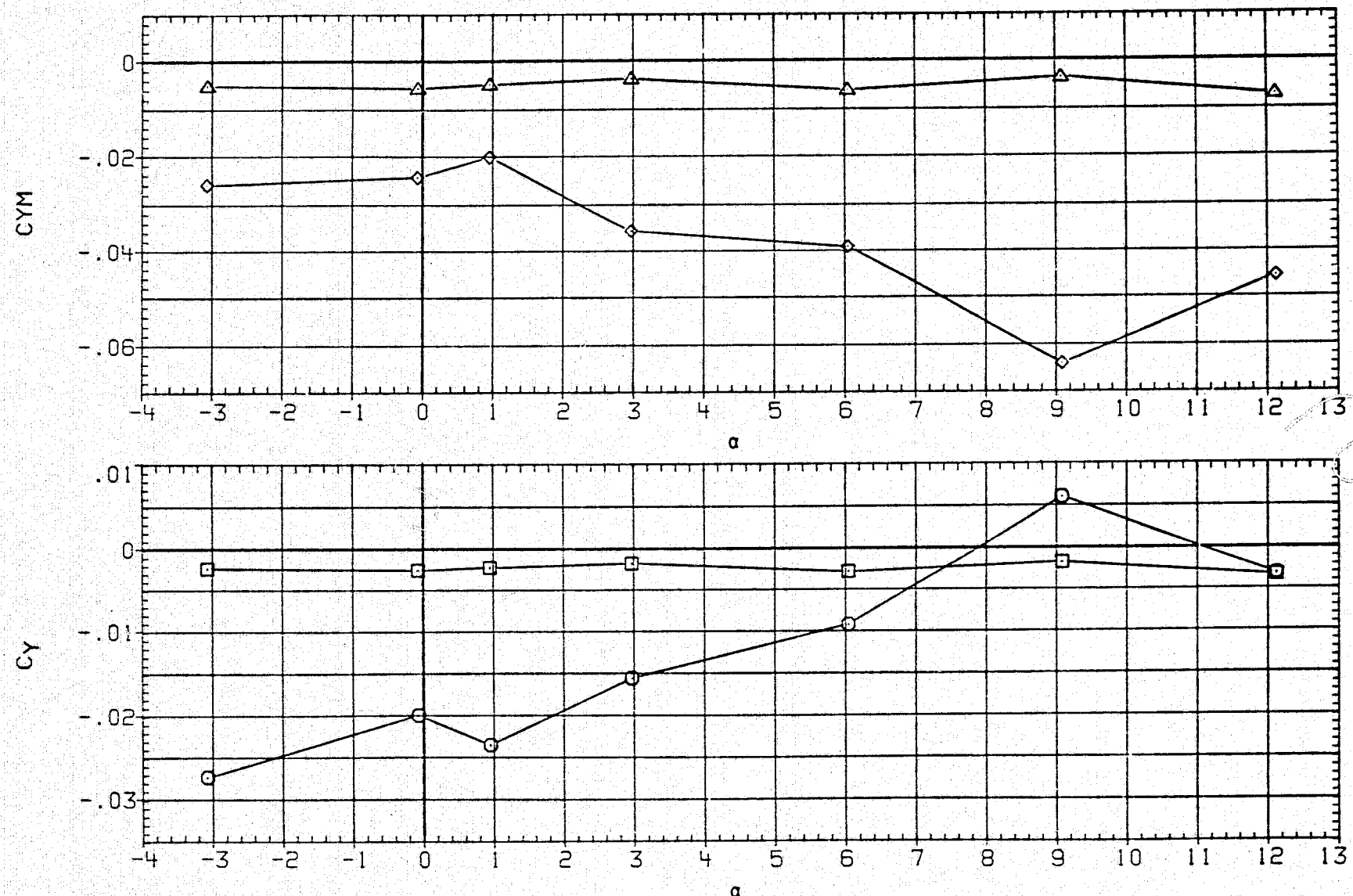



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ116) CONFIGURATION 9 (BN2C1)

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

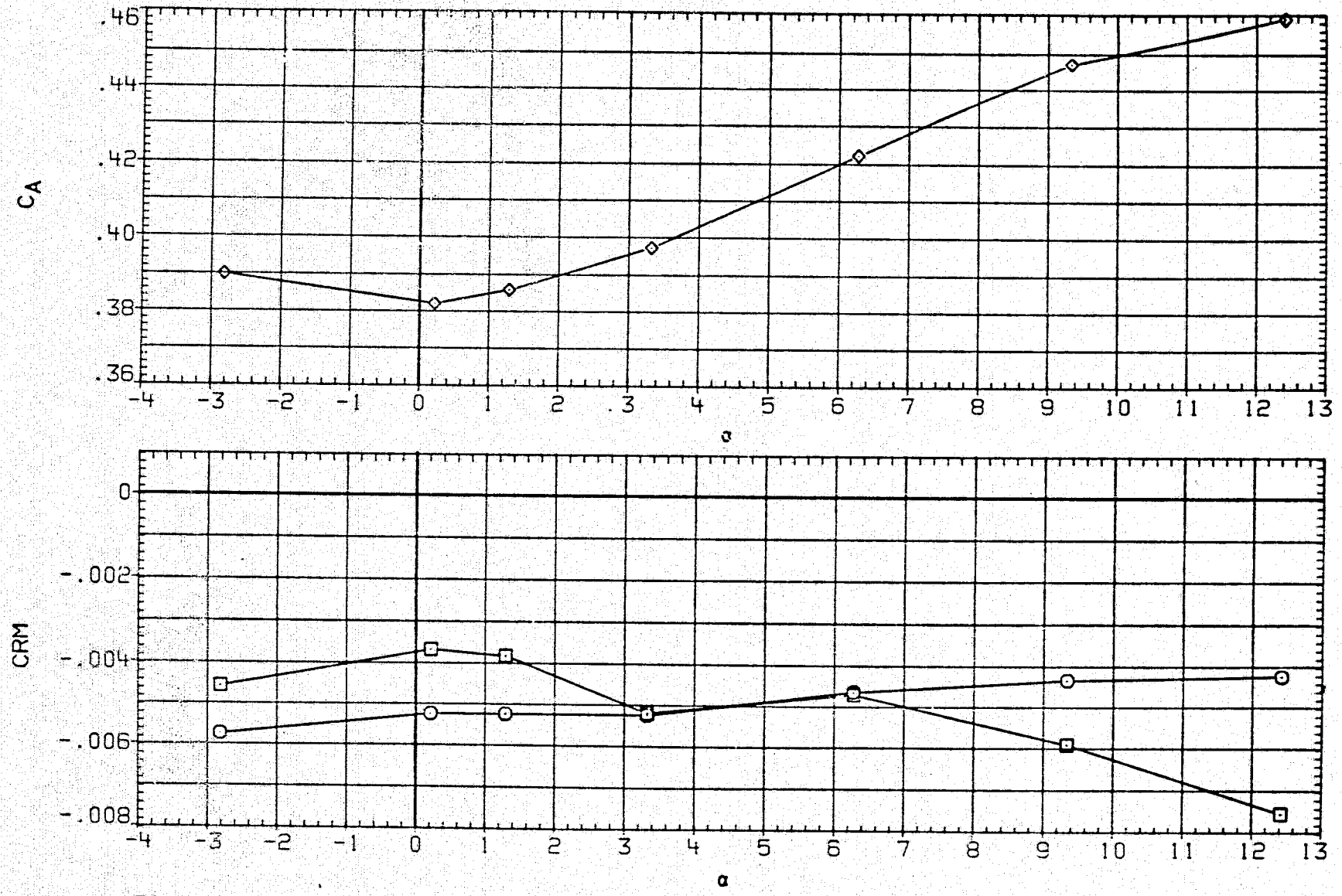



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ116) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.993 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 1.000 | D4 | 1.000 |
| D1-3 | .000 | D2-4 | 1.000 |
| PHI-C | .000 | | |

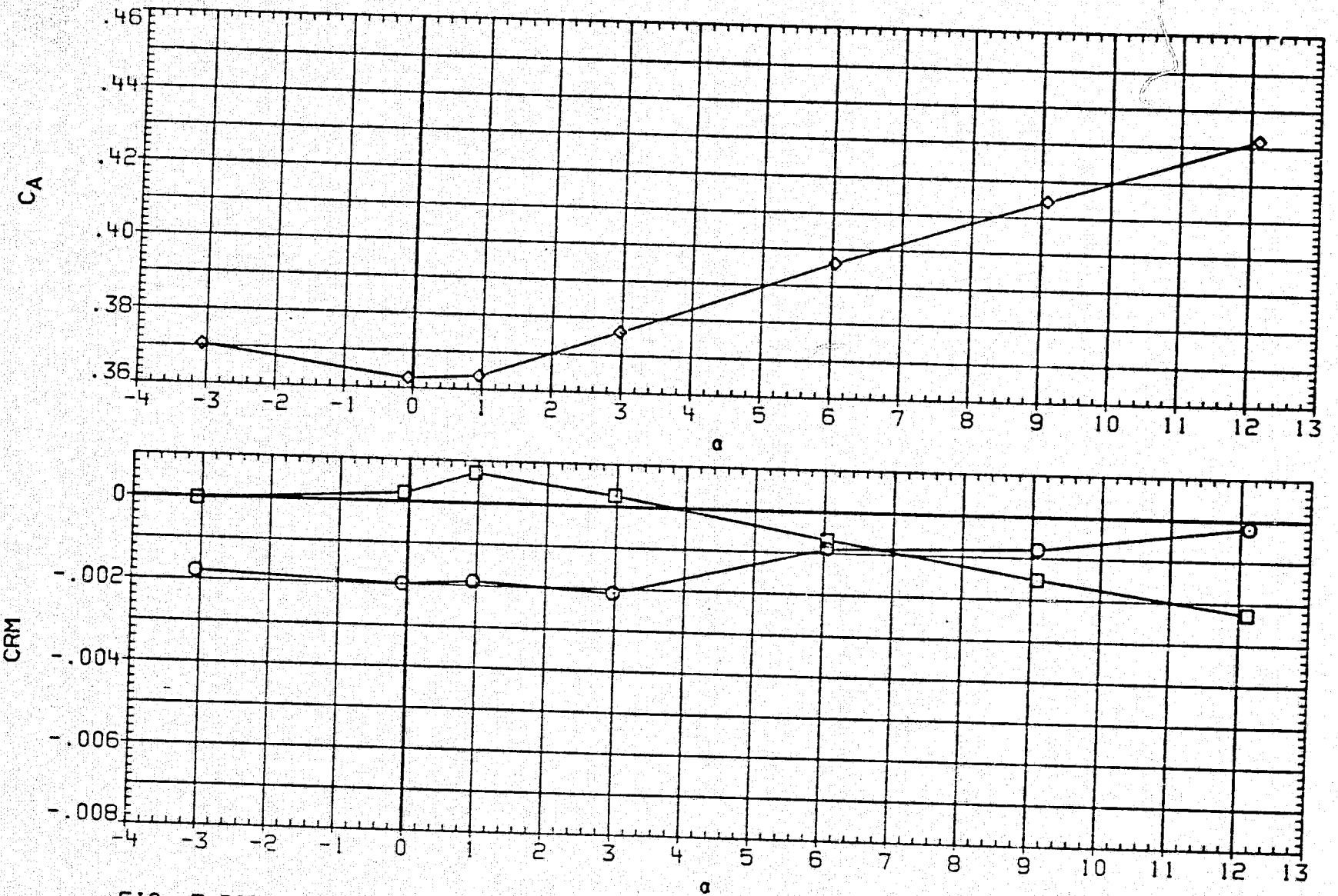



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ117) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.495 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 3.000 | D4 | 3.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | | |

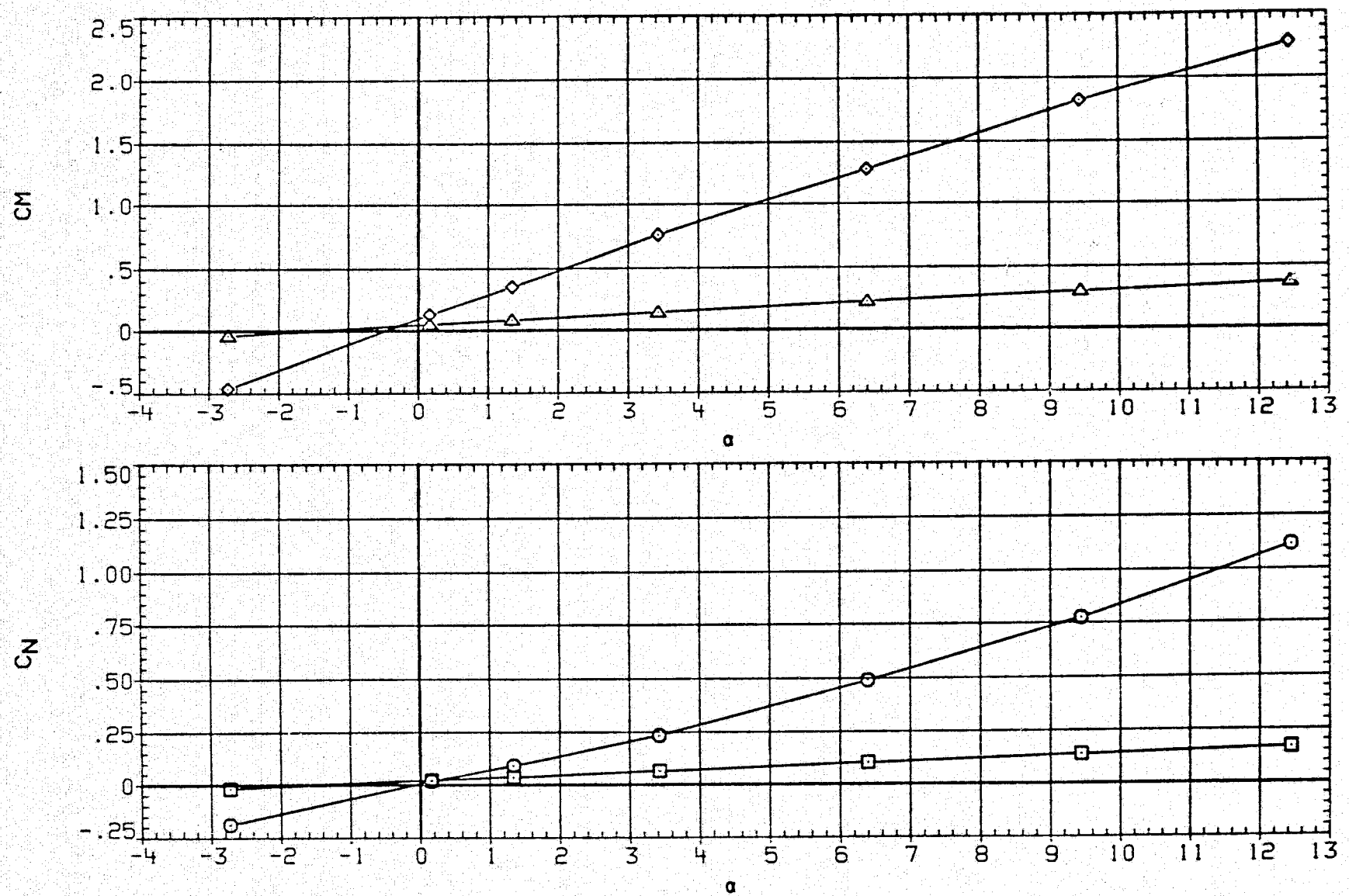



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ117) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.993 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 3.000 | D4 | 3.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | | |

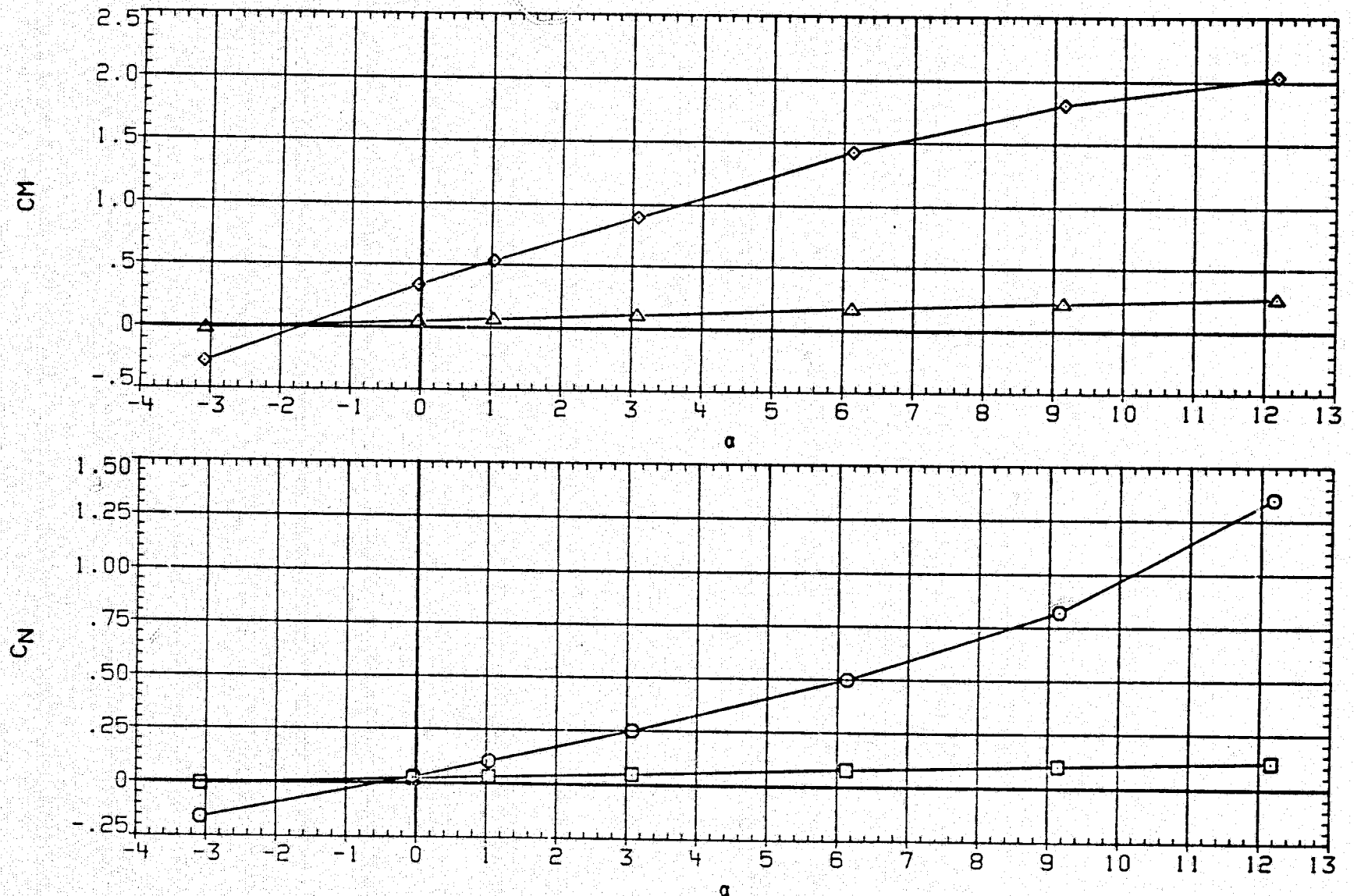



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

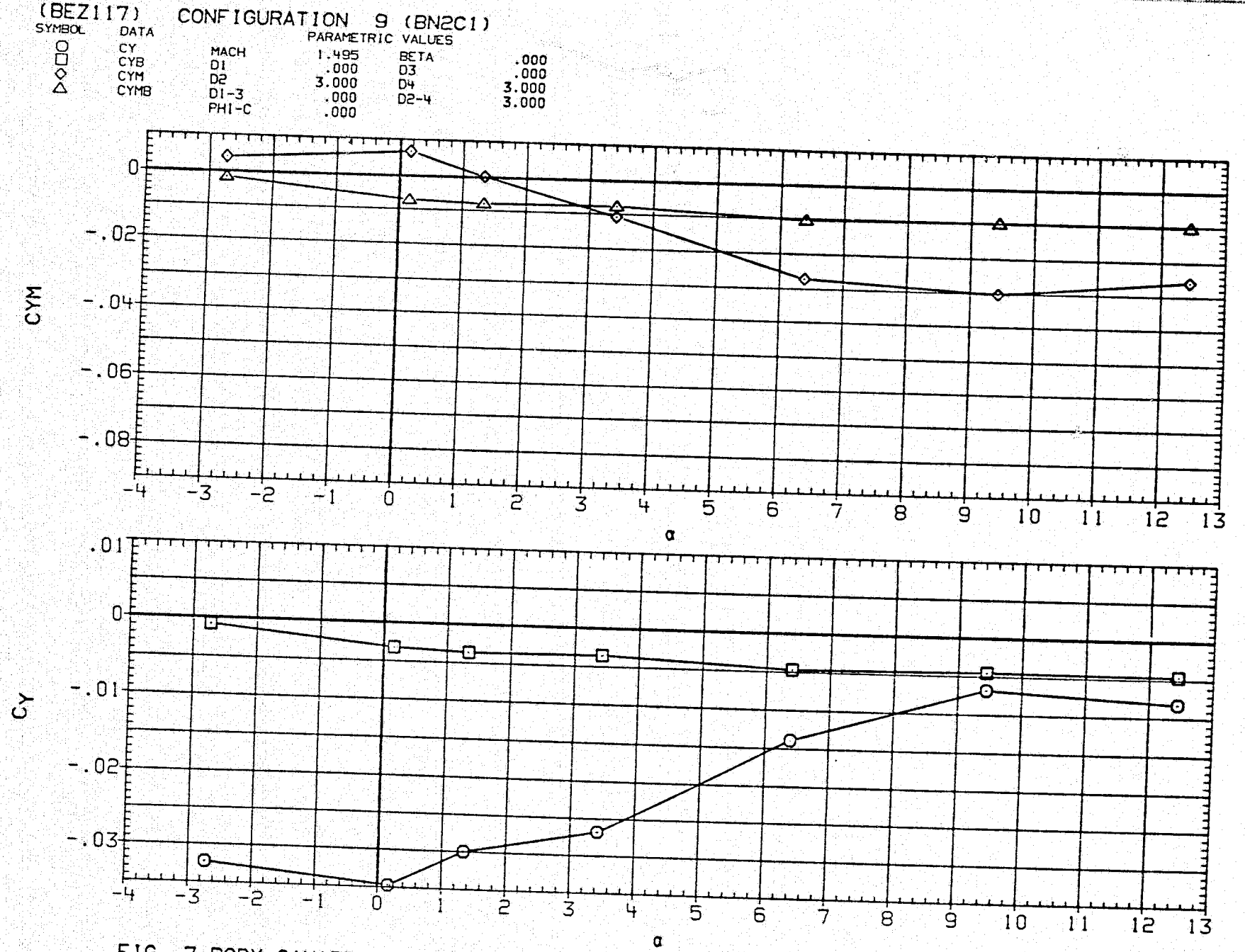



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ117) CONFIGURATION 9 (BN2C1)

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

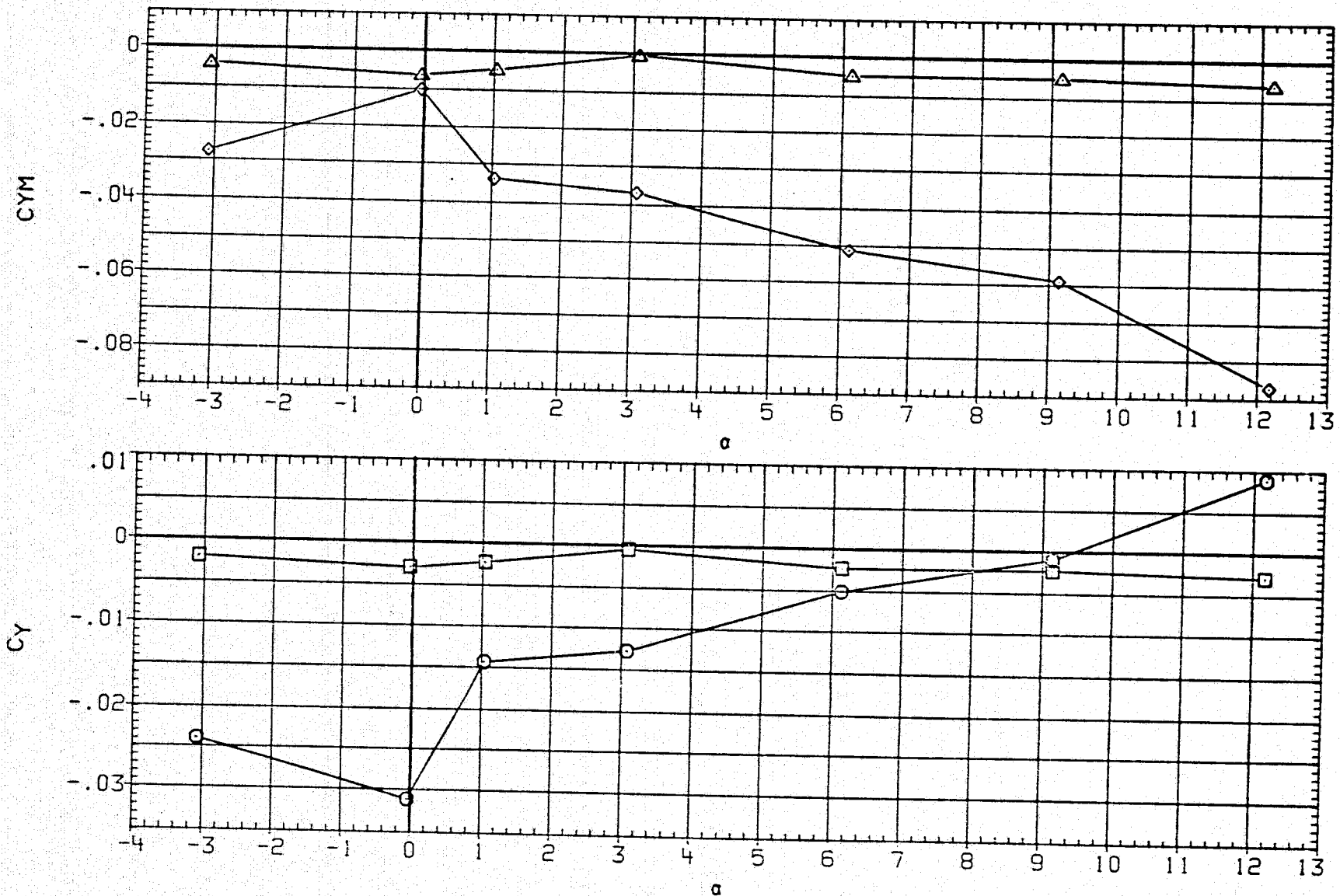



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ117) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.495 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 3.000 | D4 | 3.000 |
| | | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | | |

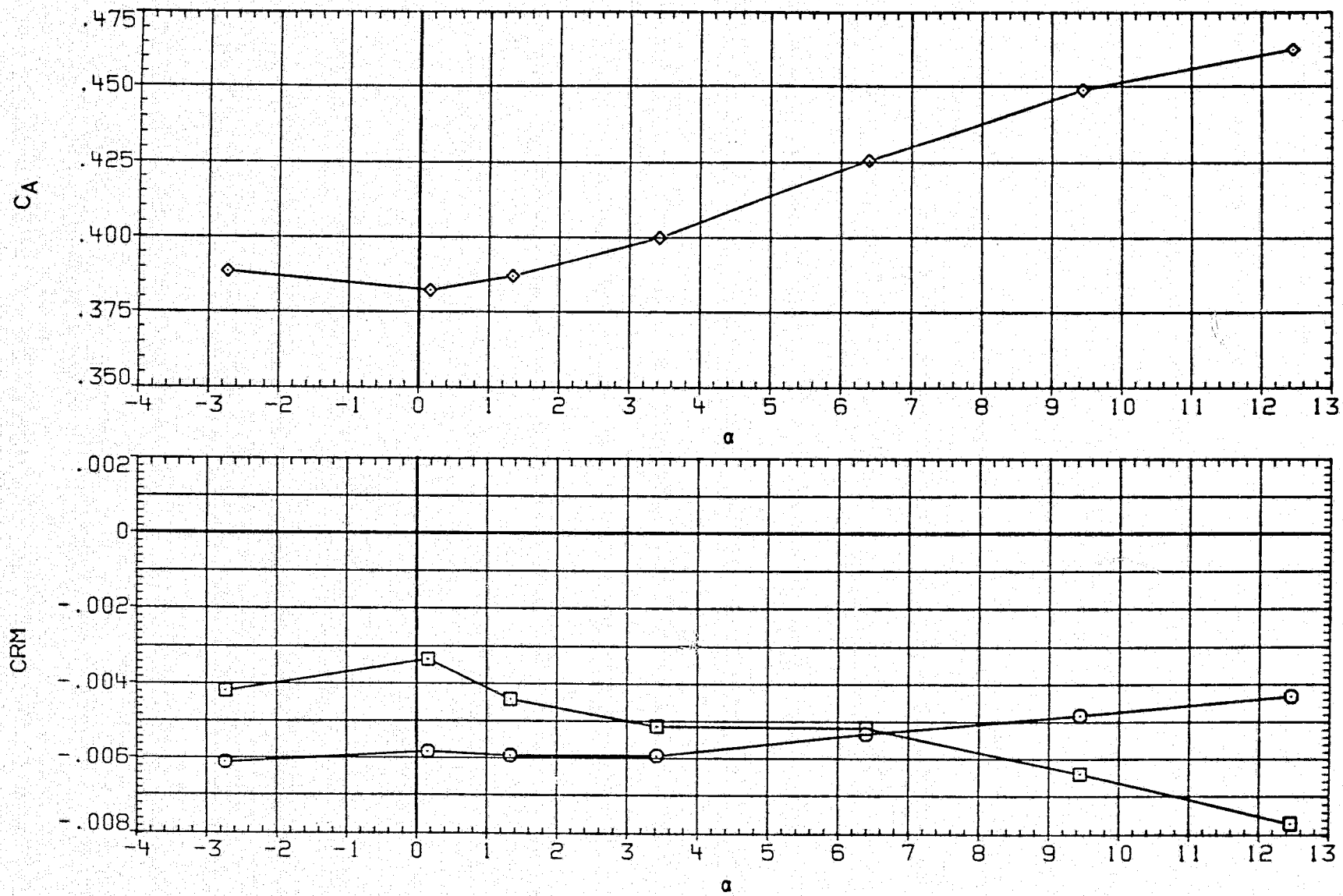


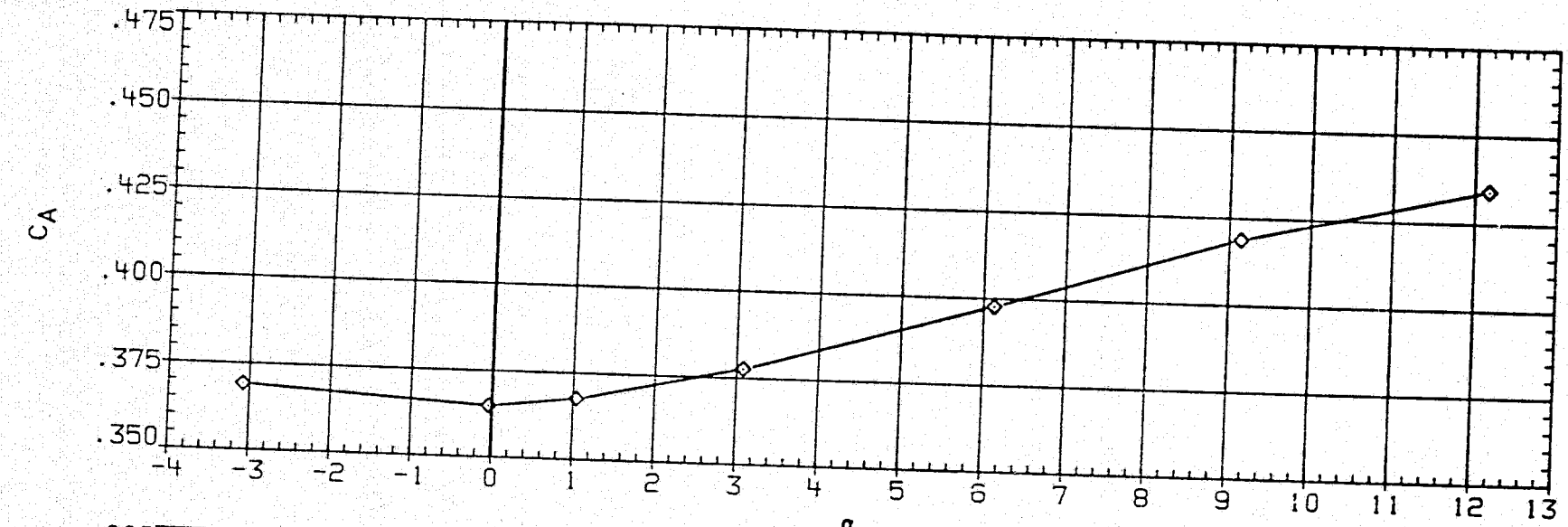

FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ117) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.993 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 3.000 | D4 | 3.000 |
| D1-3 | .000 | D2-4 | 3.000 |
| PHI-C | .000 | | |



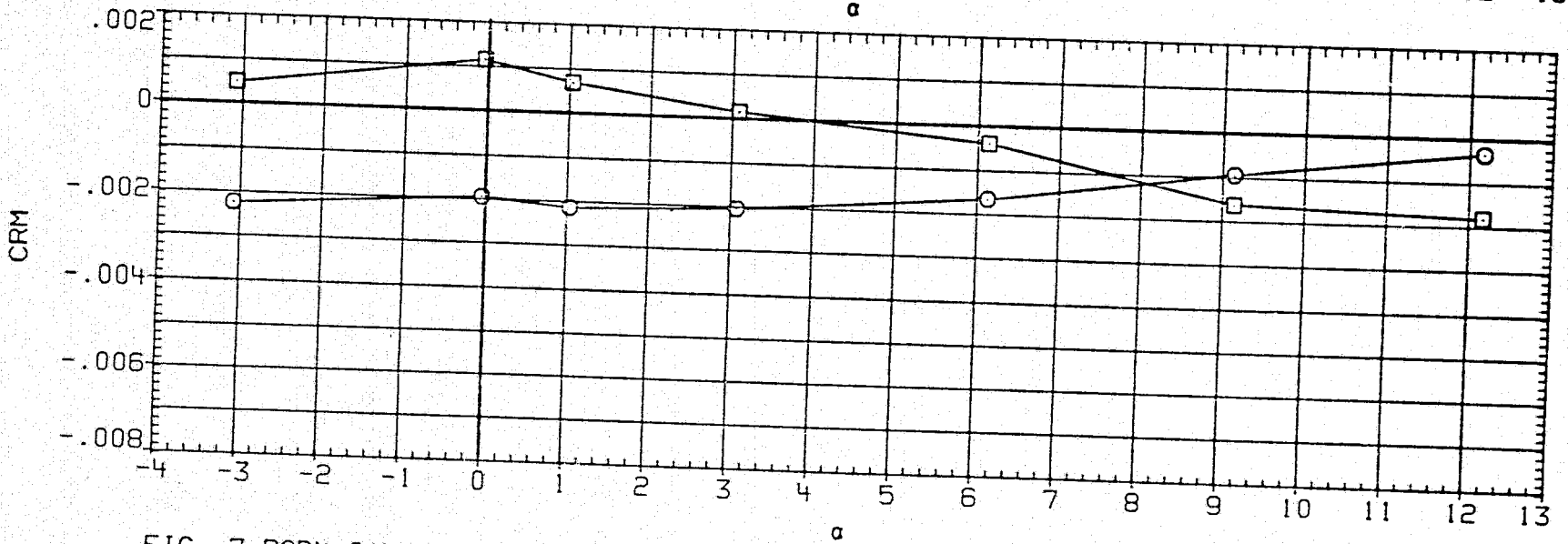




FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

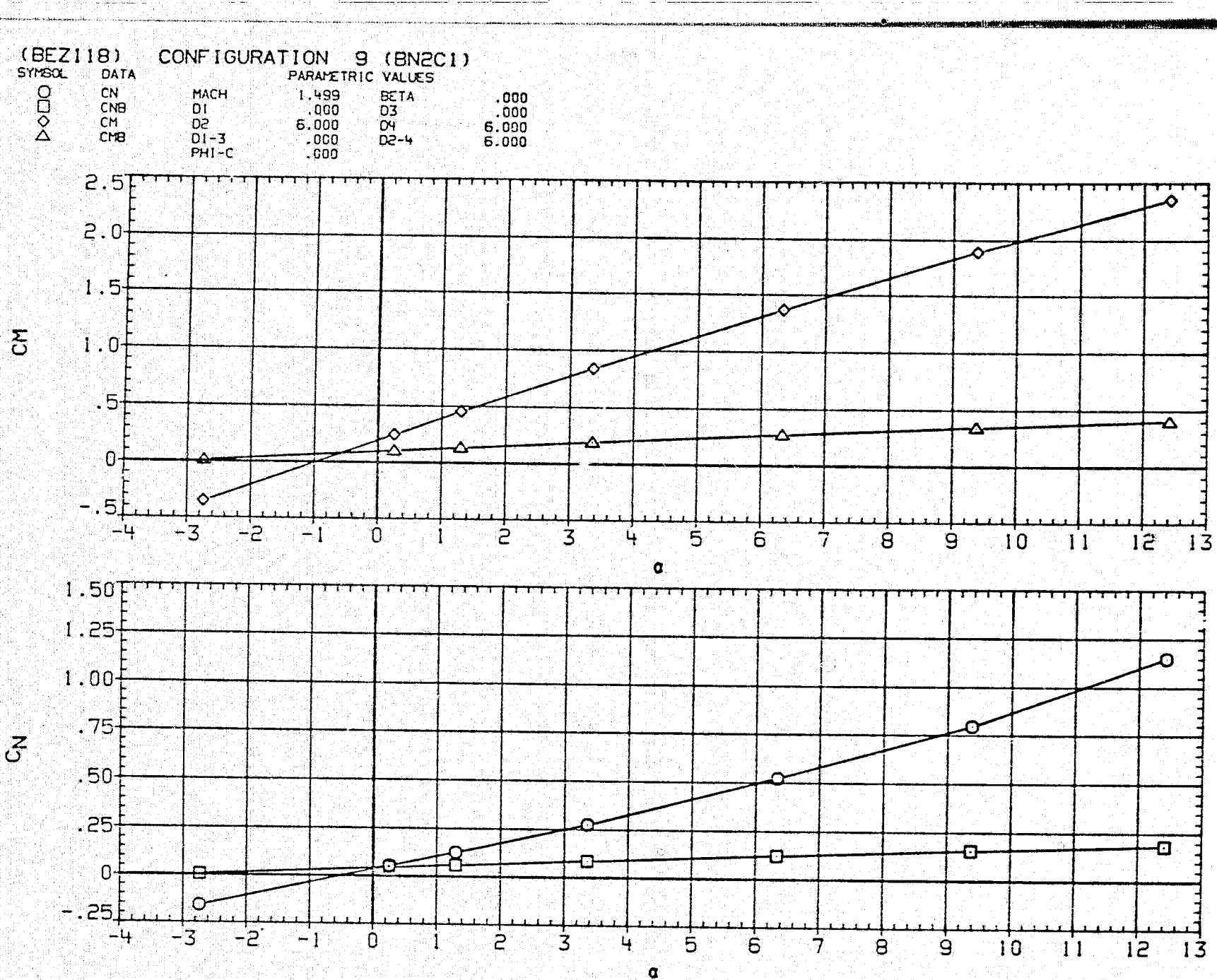



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ118) CONFIGURATION 9 (BN2C1)

| 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 | | |

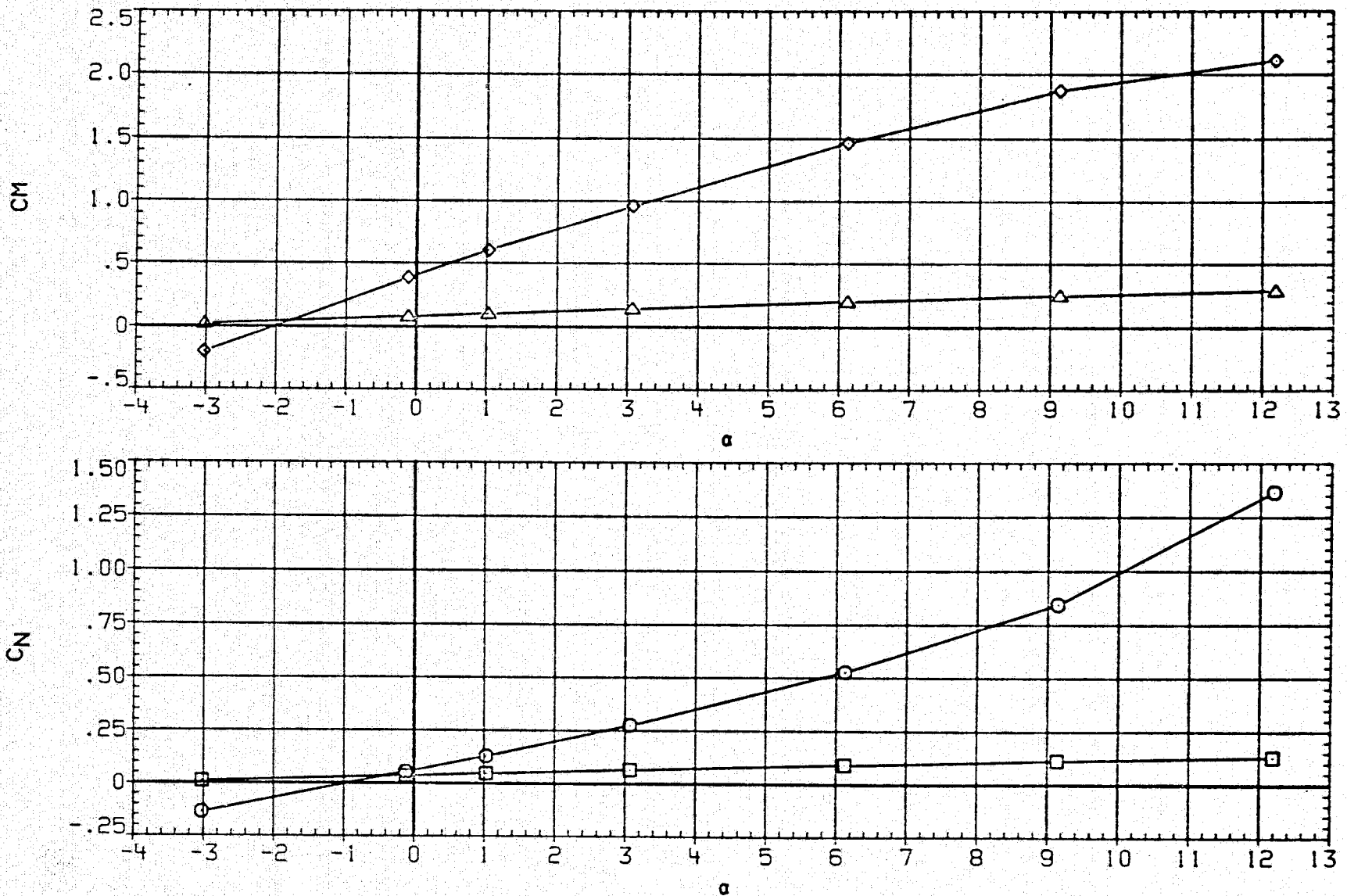



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ118) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.499 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 6.000 | D4 | 6.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 6.000 |
| | | PHI-C | .000 | | |

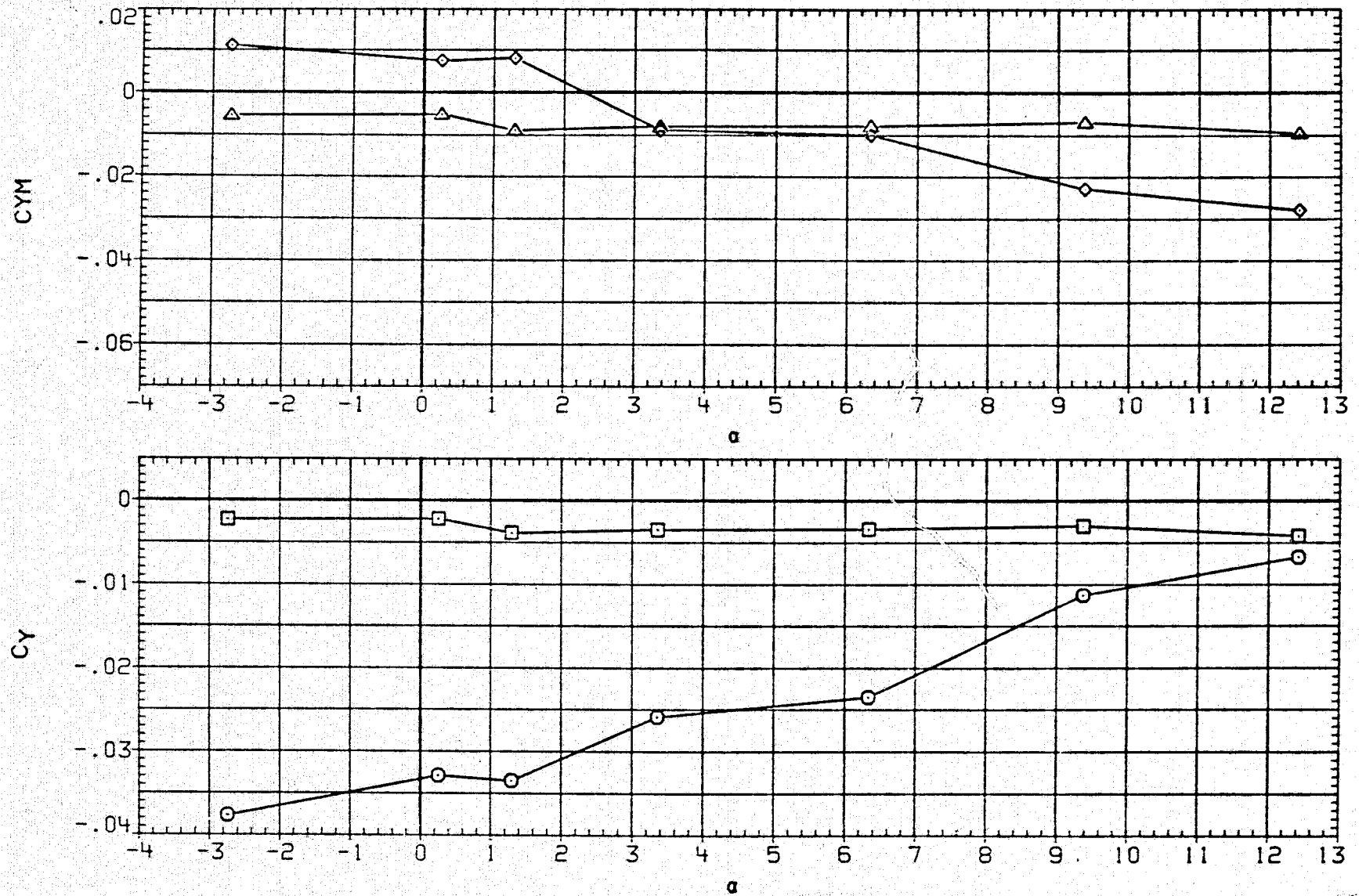



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ118) CONFIGURATION 9 (BN2C1)

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

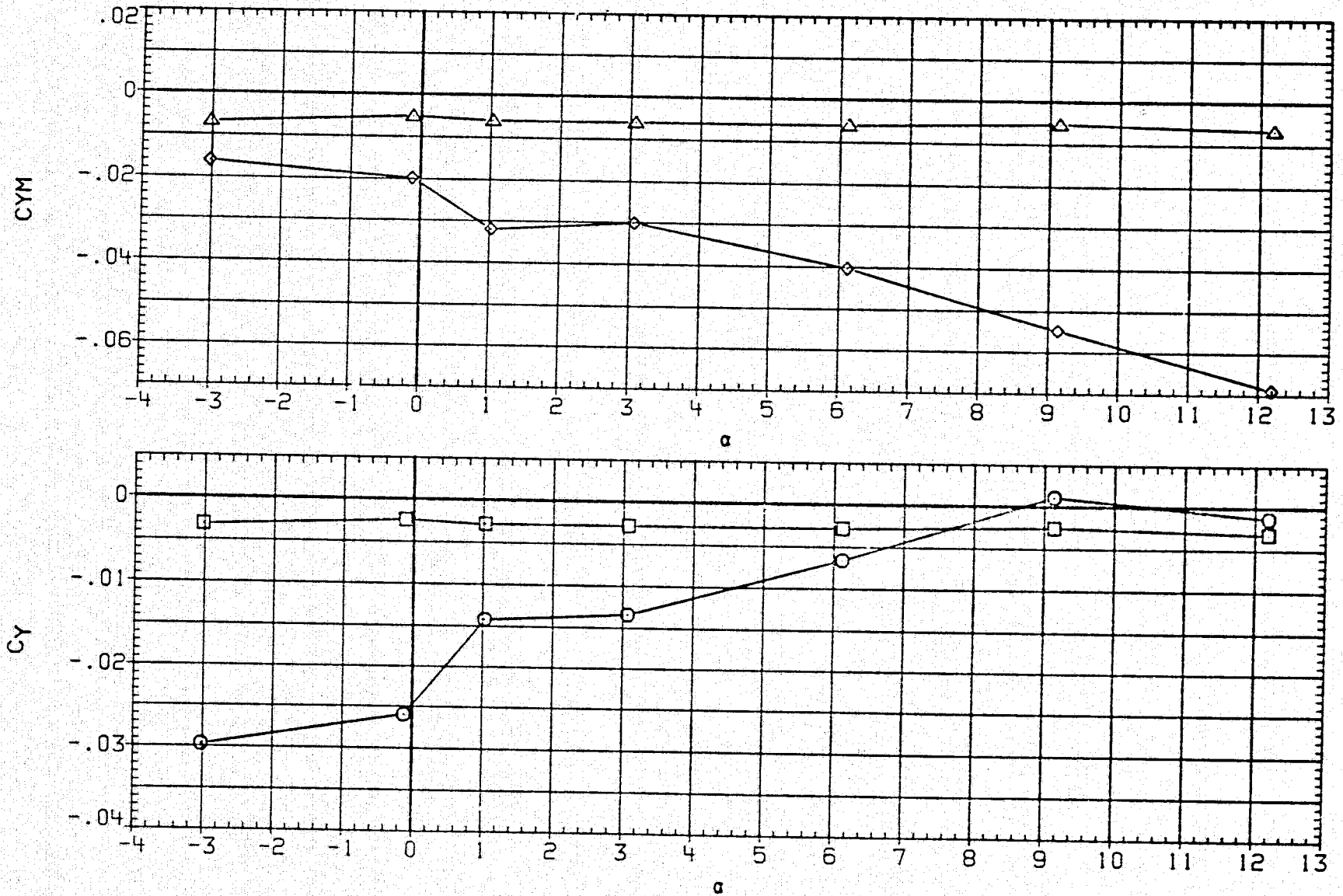



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ118) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| 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 | | |

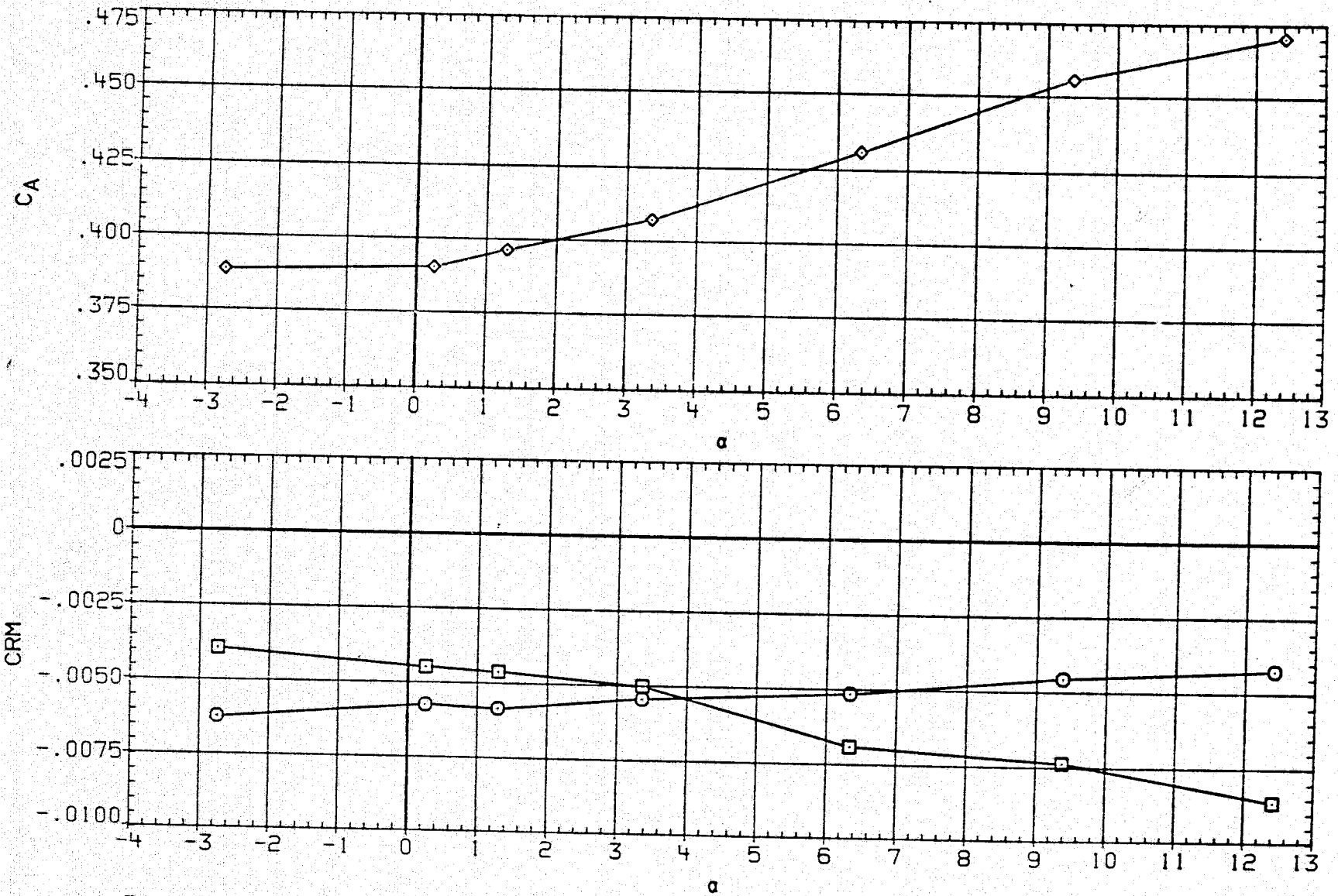



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ118) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.995 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 6.000 | D4 | 6.000 |
| | | D1-3 | .000 | D2-4 | 6.000 |
| | | PHI-C | .000 | | |

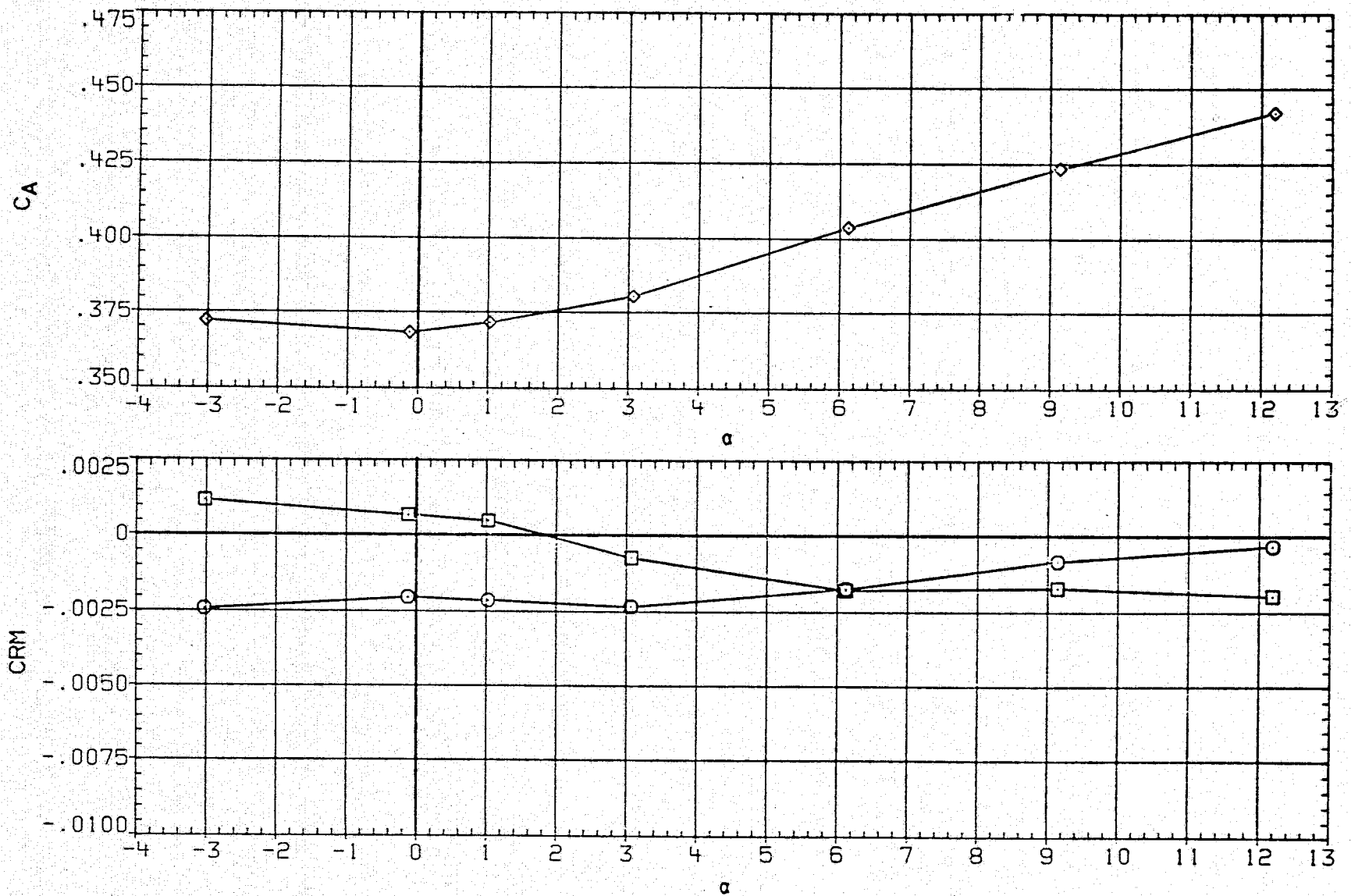



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ119) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.499 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 9.000 | D4 | 9.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | | |

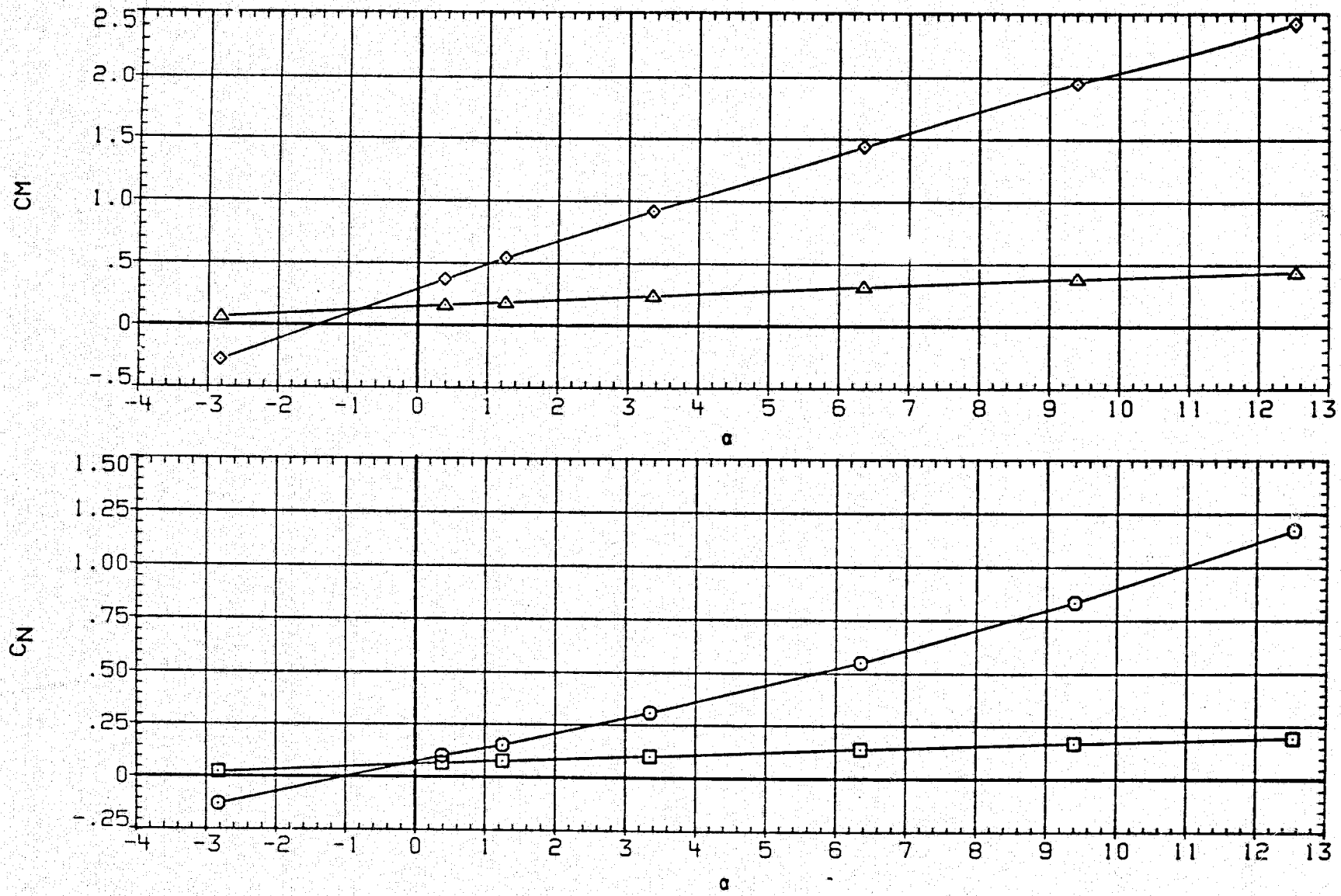



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ119) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNB |
| ◇ | CM |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.993 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 9.000 | D4 | 9.000 |
| D1-3 | .000 | D2-4 | 9.000 |
| PHI-C | .000 | | |

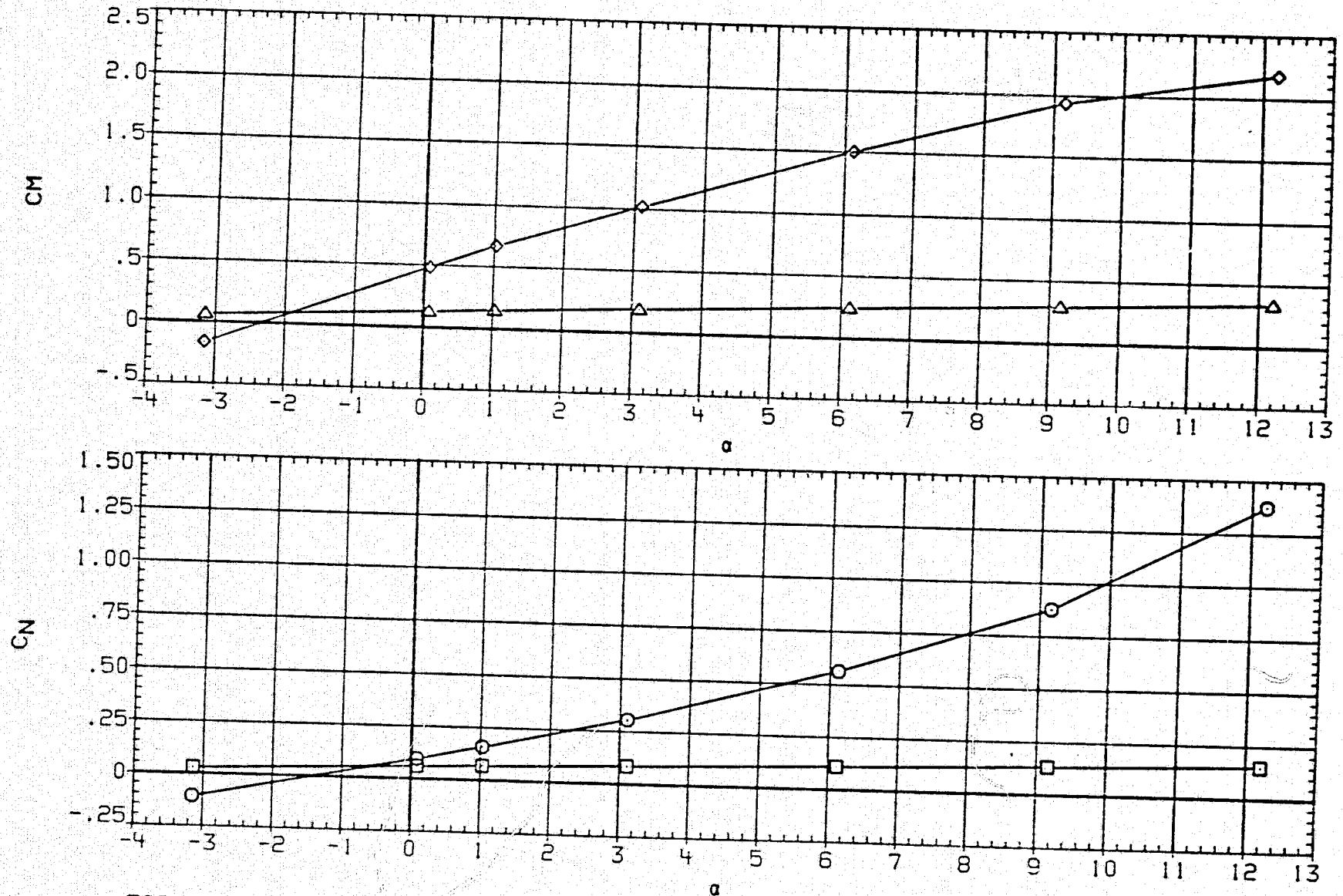



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ119) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.499 | 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 | | |

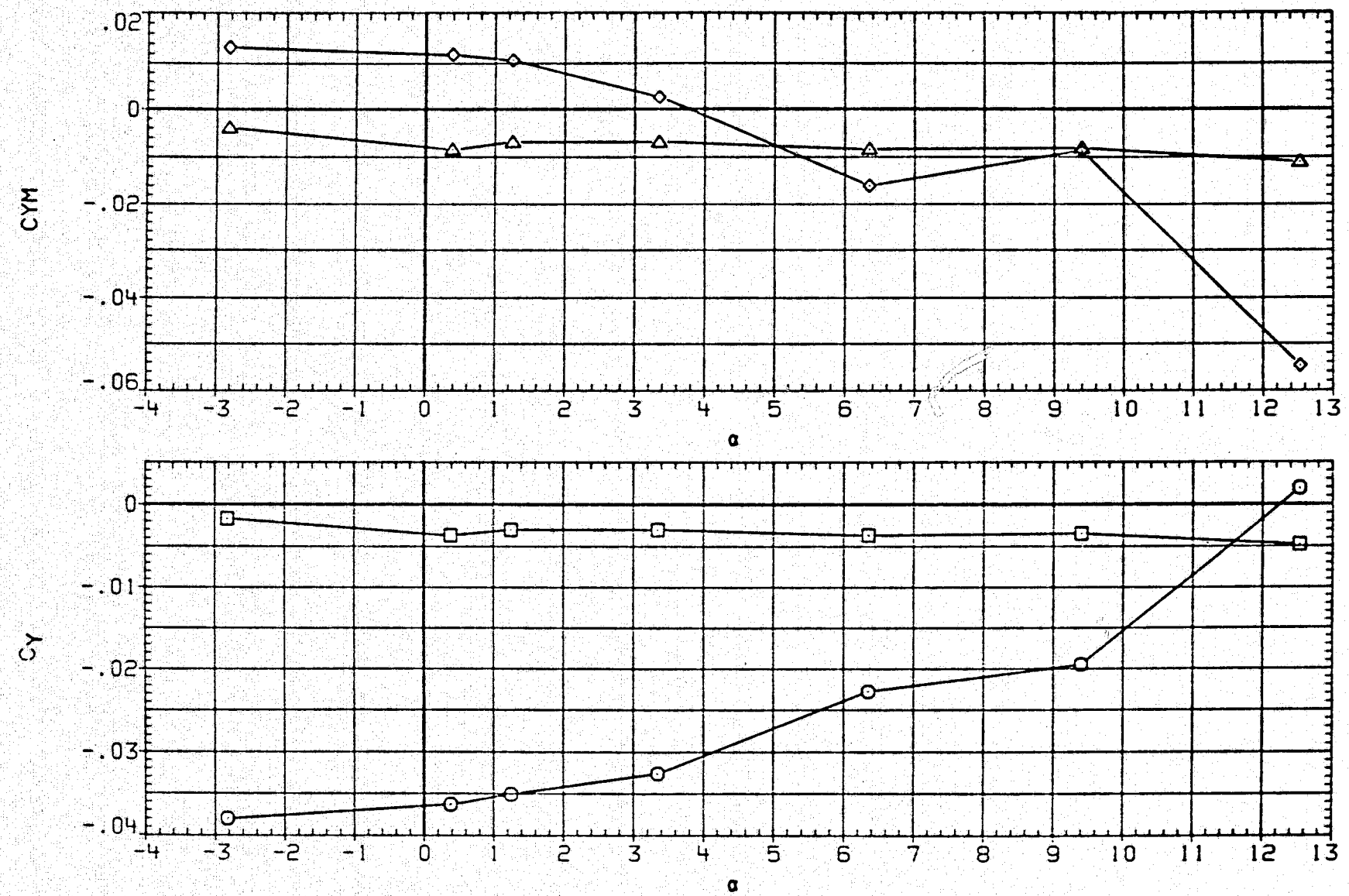



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

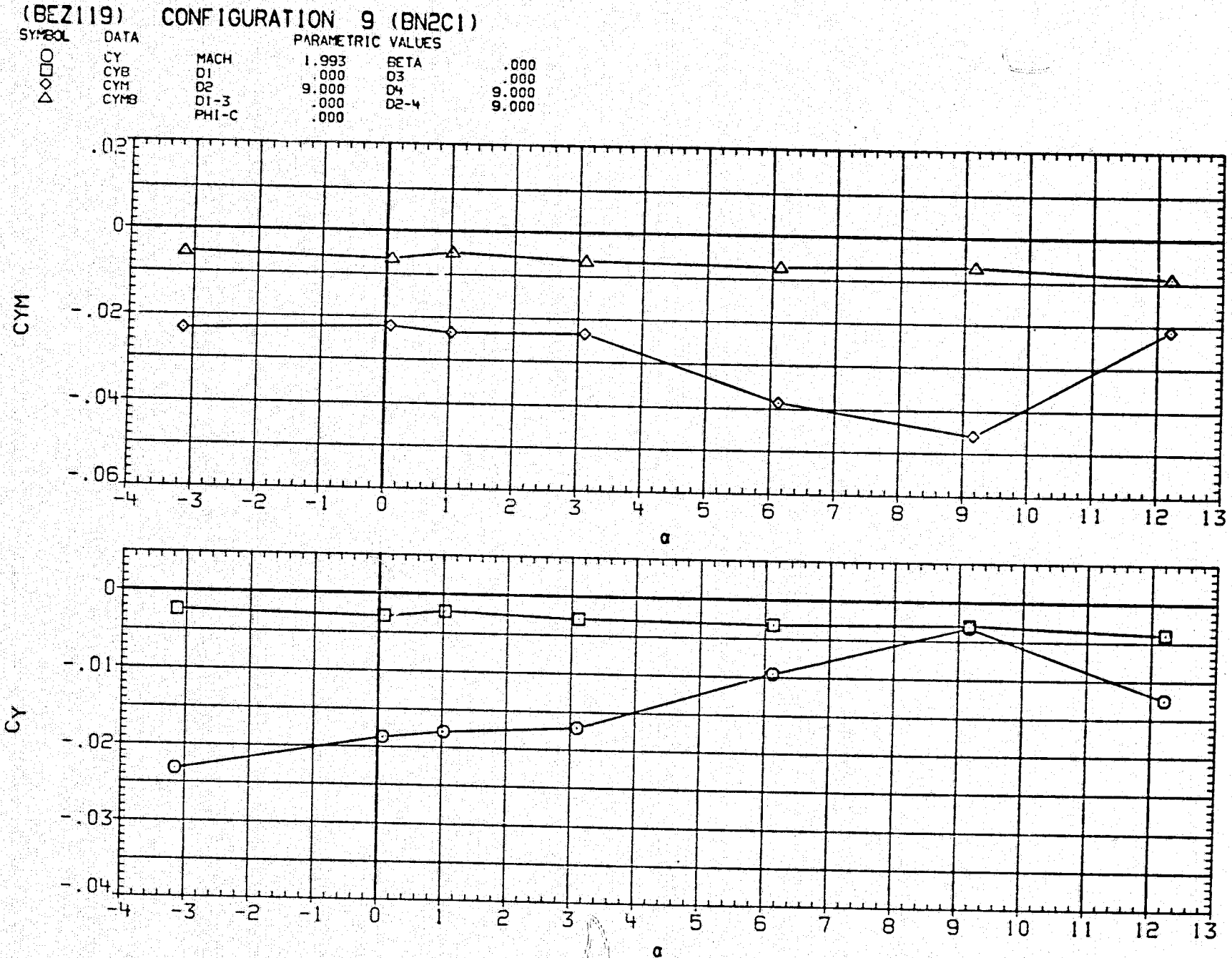



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ119) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.499 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 9.000 | D4 | 9.000 |
| | | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | | |

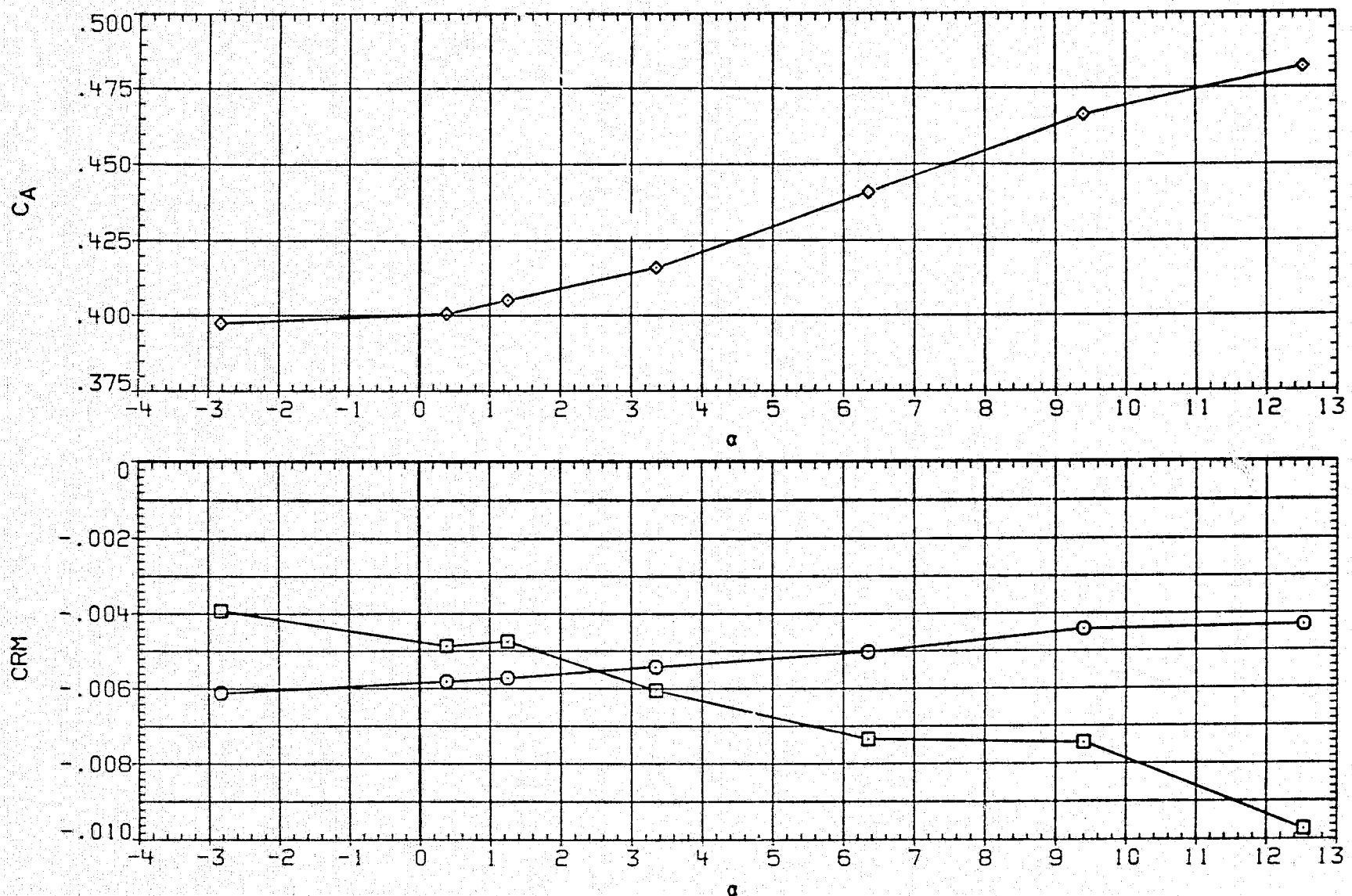



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ119) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.993 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 9.000 | D4 | 9.000 |
| D1-3 | .000 | D2-4 | 9.000 |
| PHI-C | .000 | | |

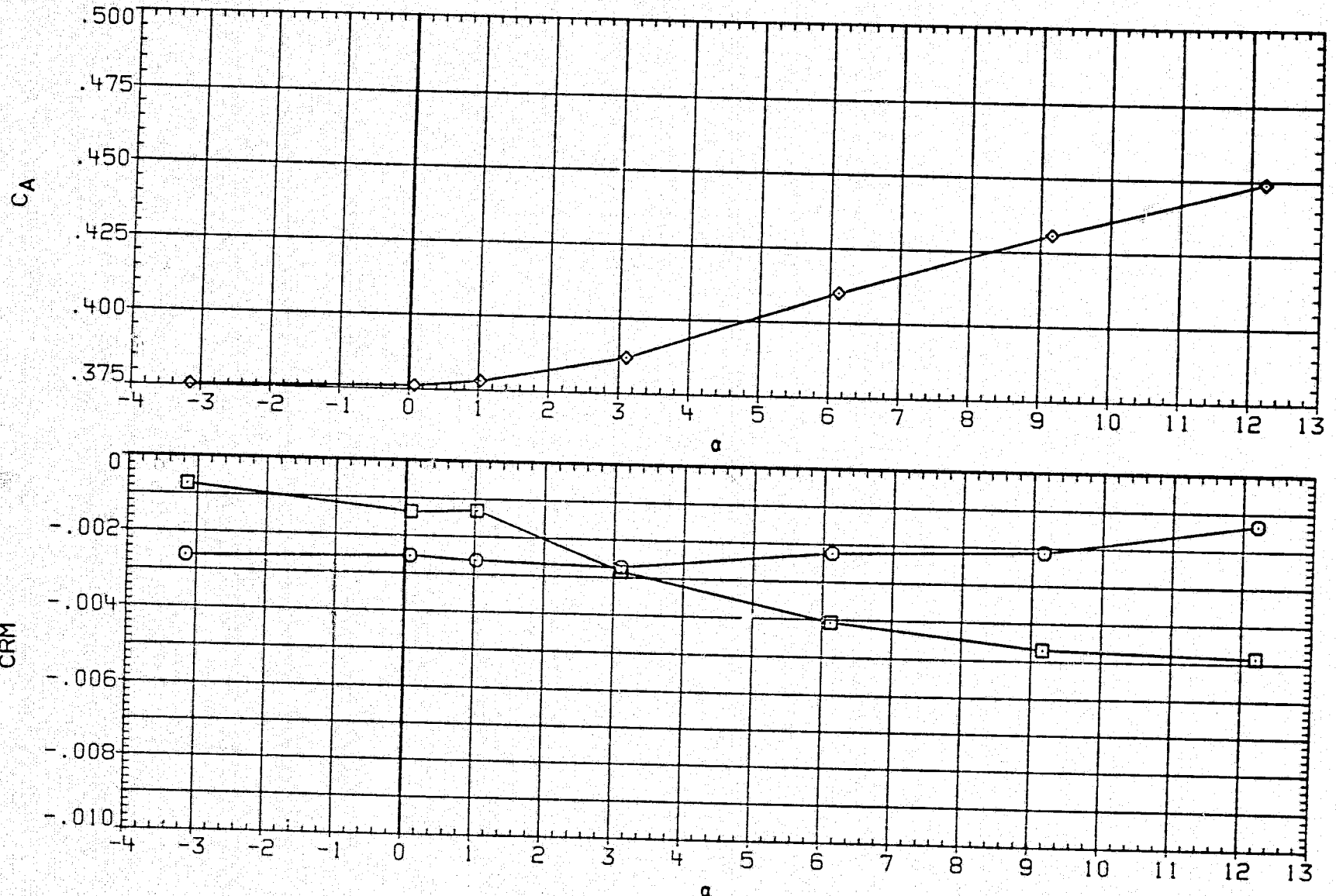



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ120) CONFIGURATION 9 (PN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.500 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 15.000 | D4 | 15.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | | |

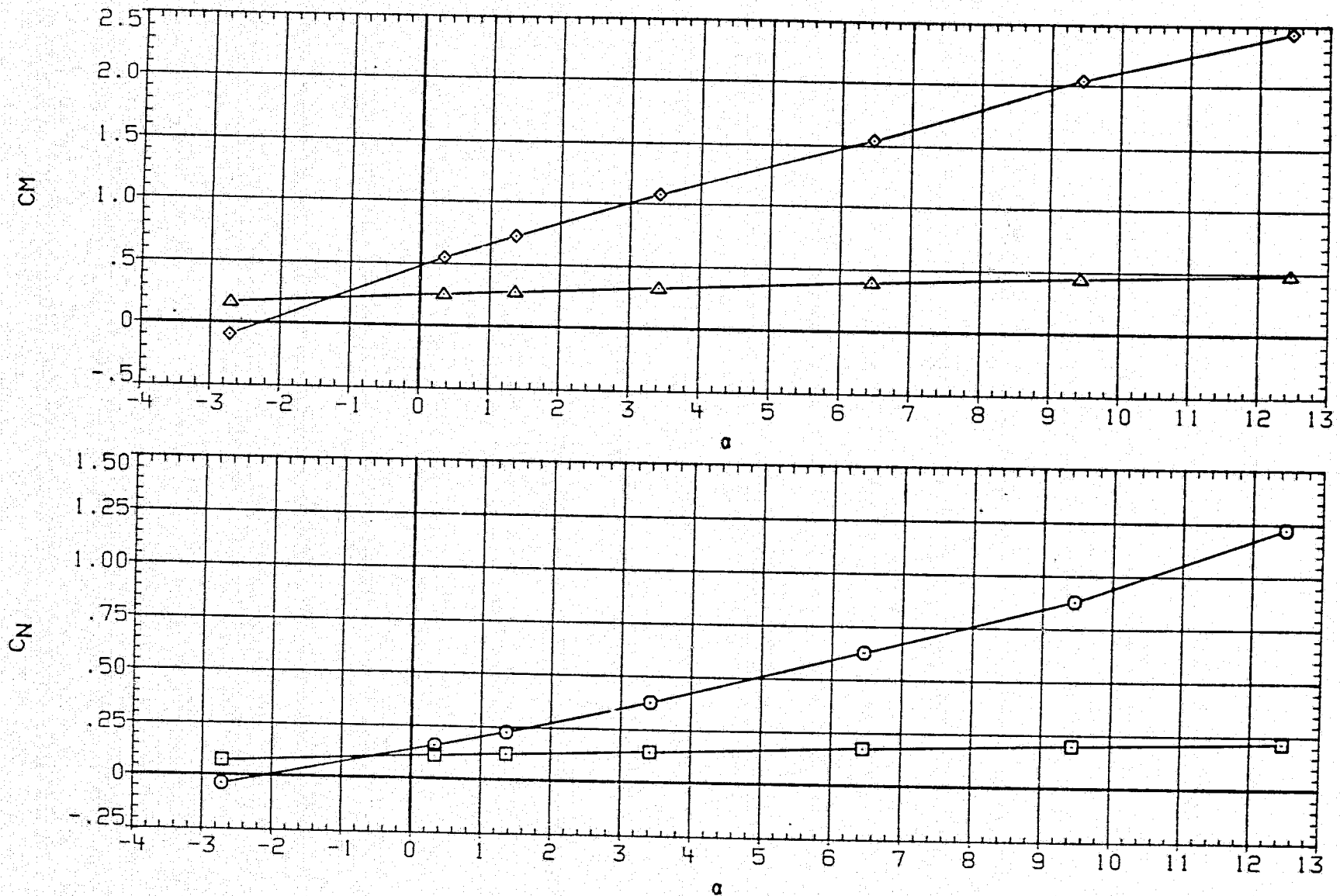



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ120) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.993 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 15.000 | D4 | 15.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | | |

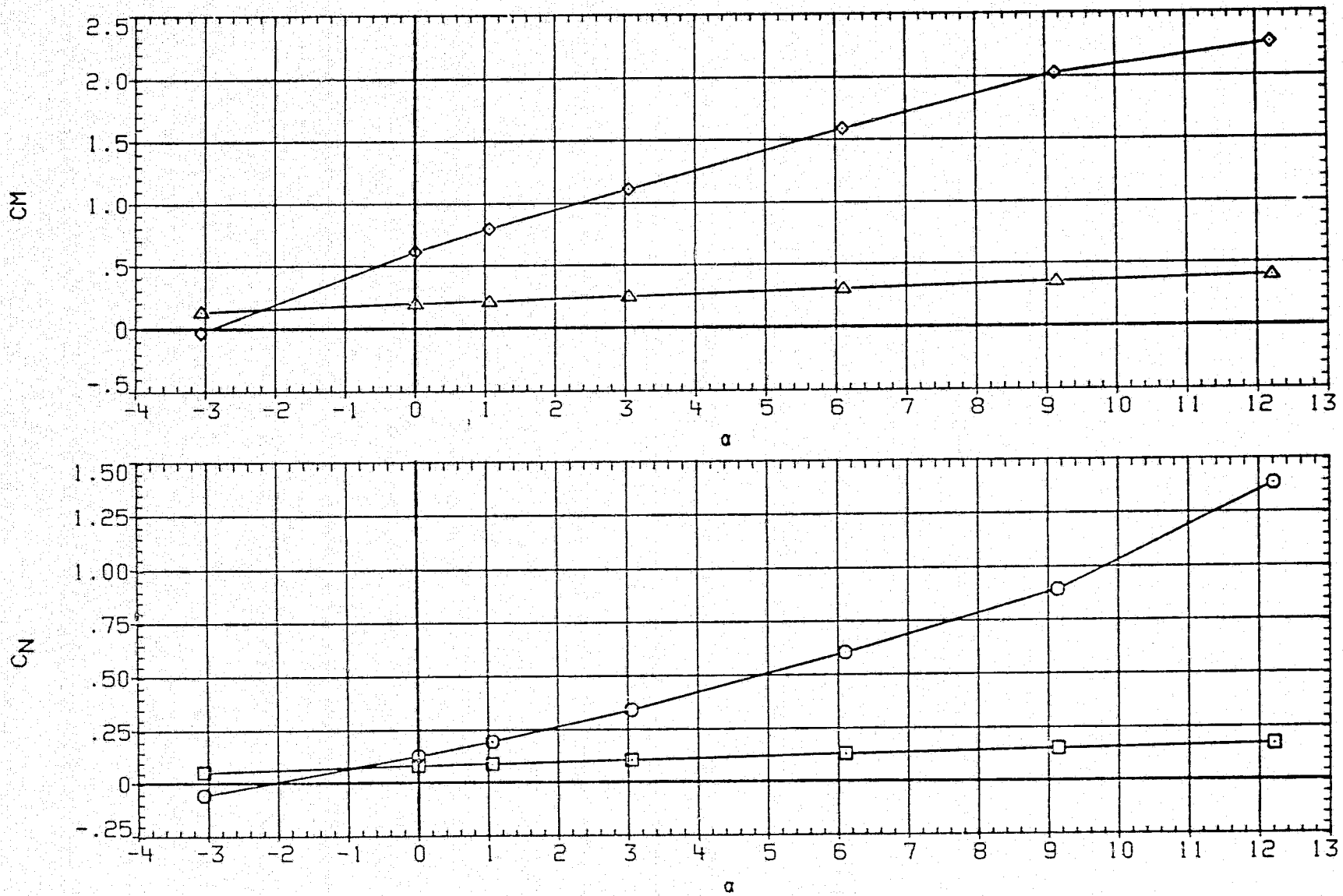



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ120) CONFIGURATION 9 (BN2C1)

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

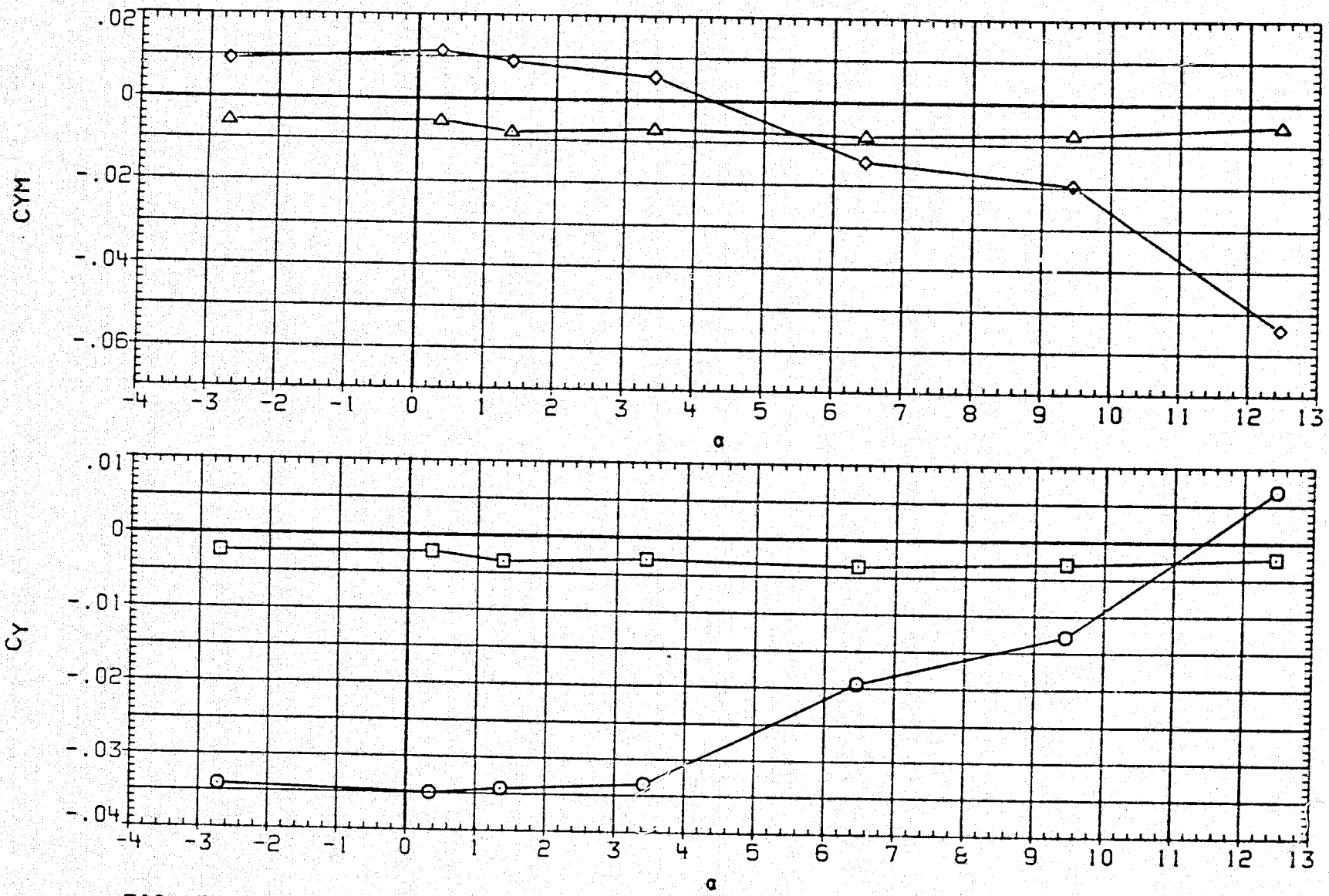



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

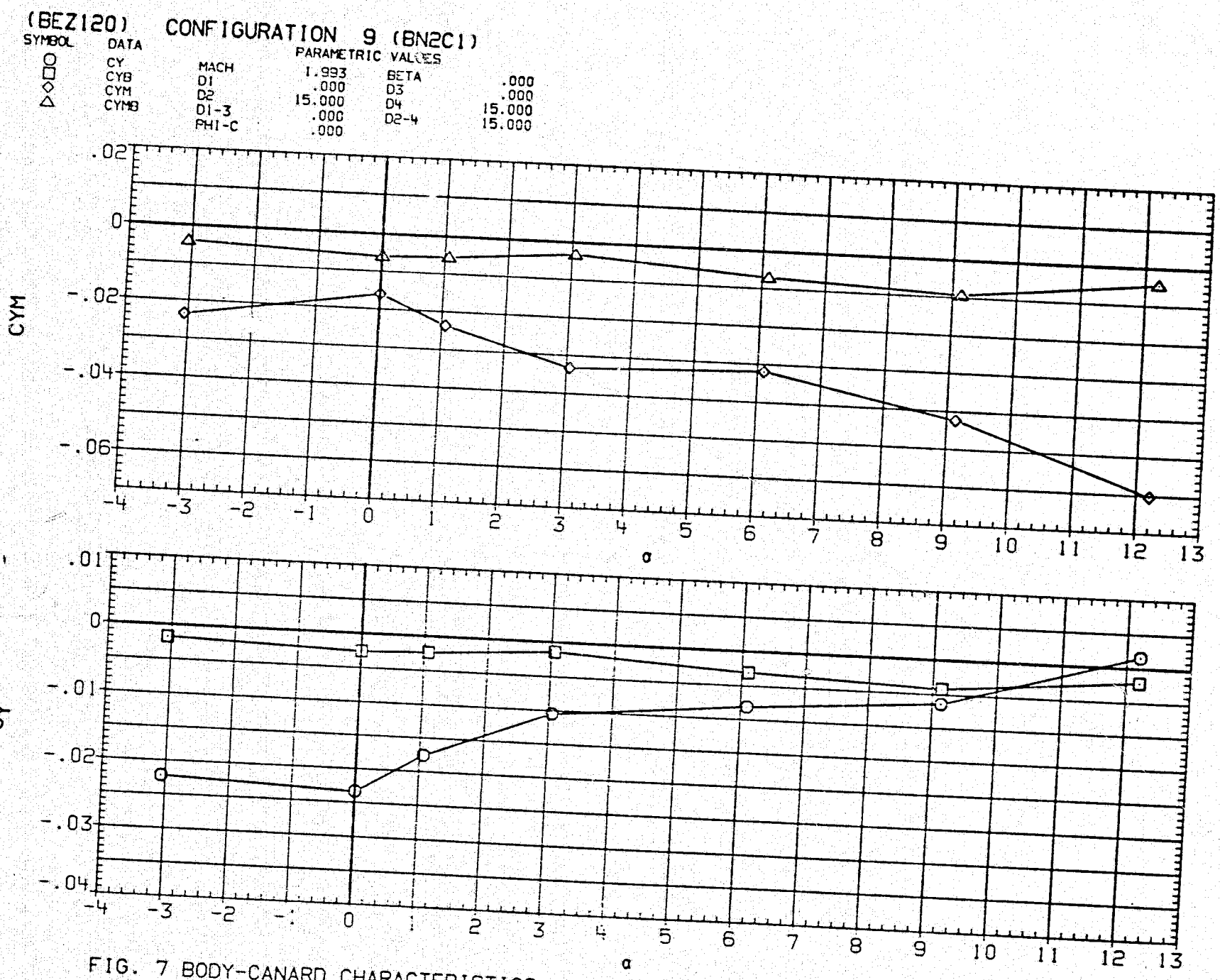



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ120) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| 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 | | |

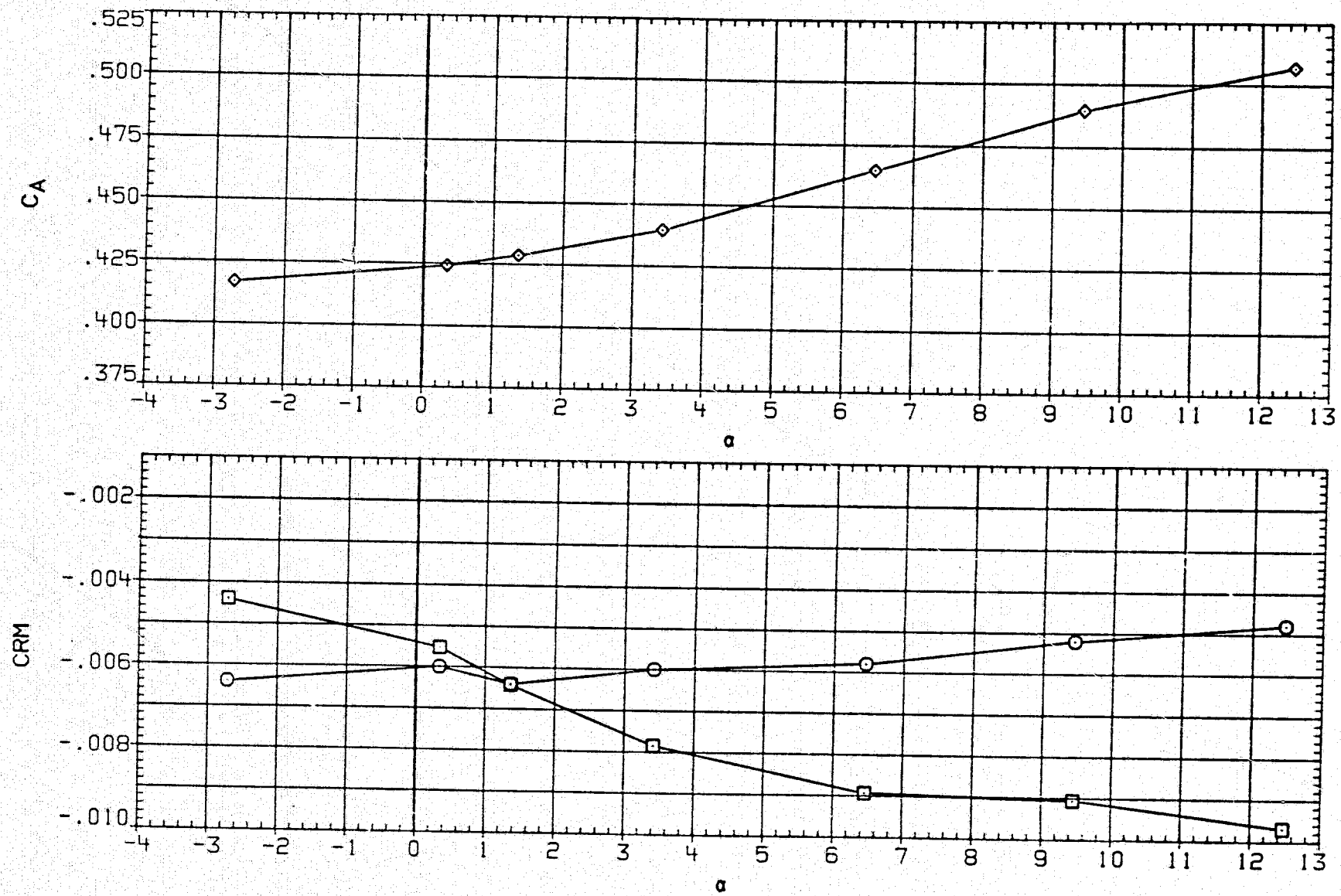



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ120) CONFIGURATION 9 (BN2C1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.993 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 15.000 | D4 | 15.000 |
| | | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | | |

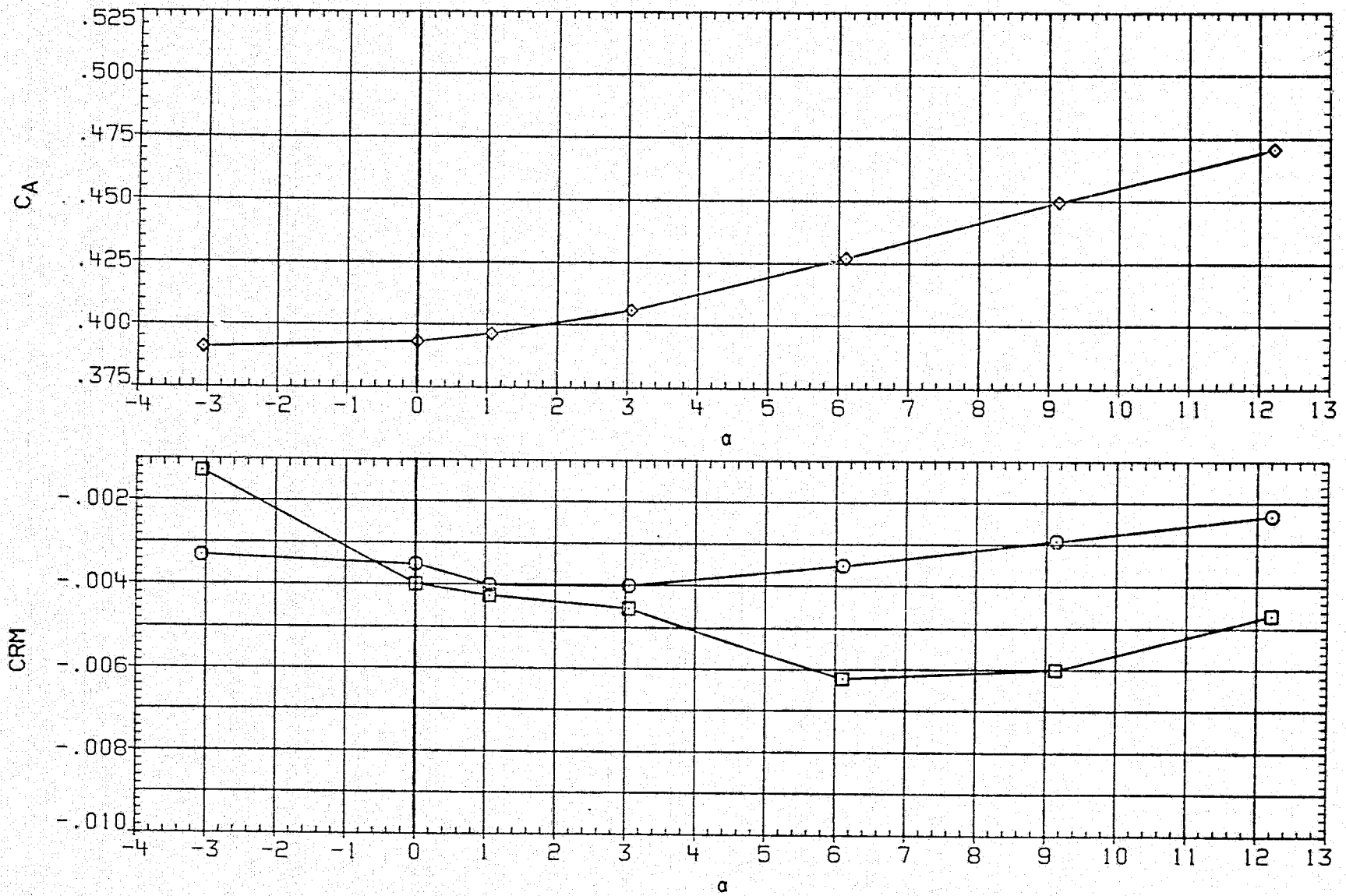



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

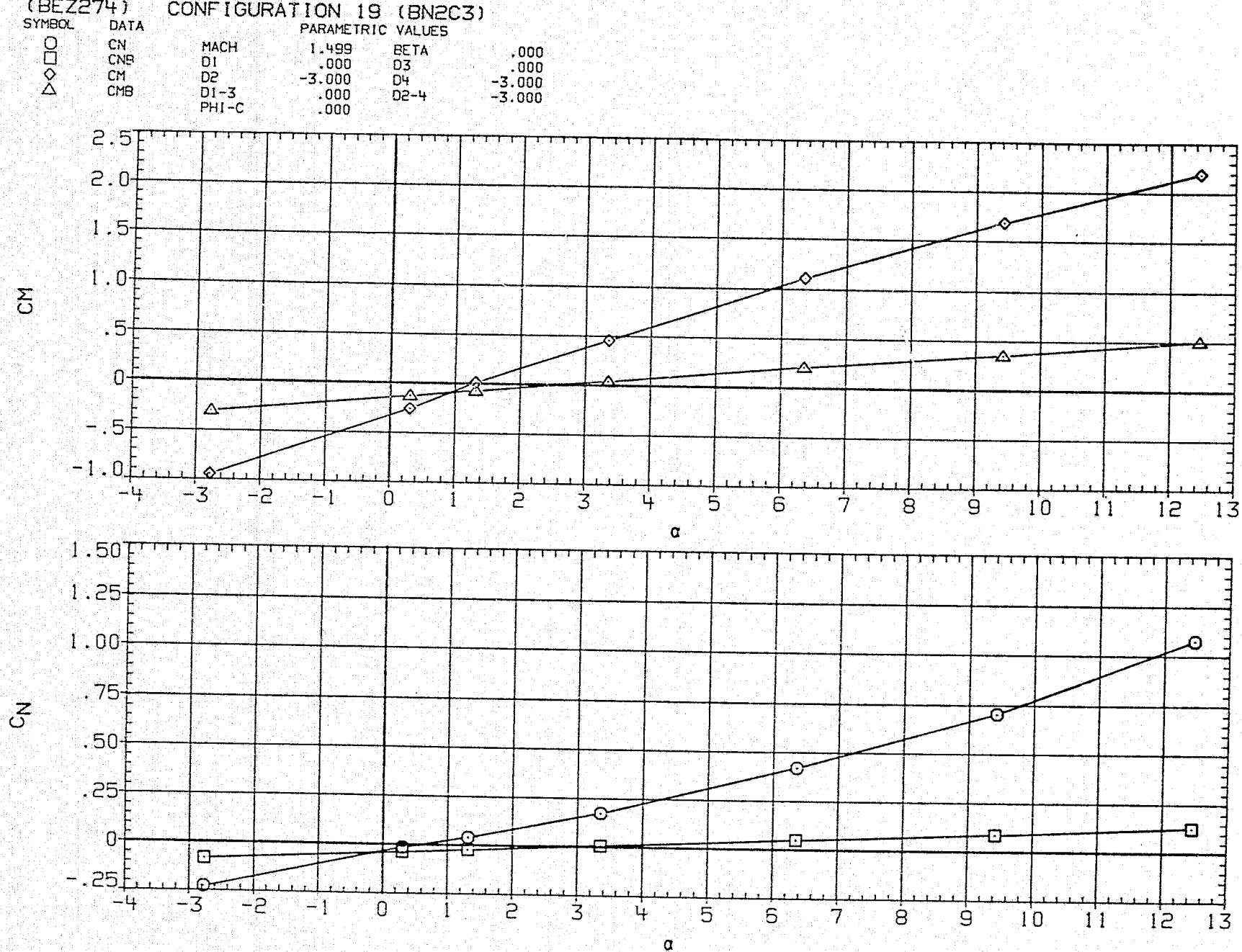



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ274) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNB |
| ◇ | CM |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.999 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | -3.000 | D4 | -3.000 |
| D1-3 | .000 | D2-4 | -3.000 |
| PHI-C | .000 | | |

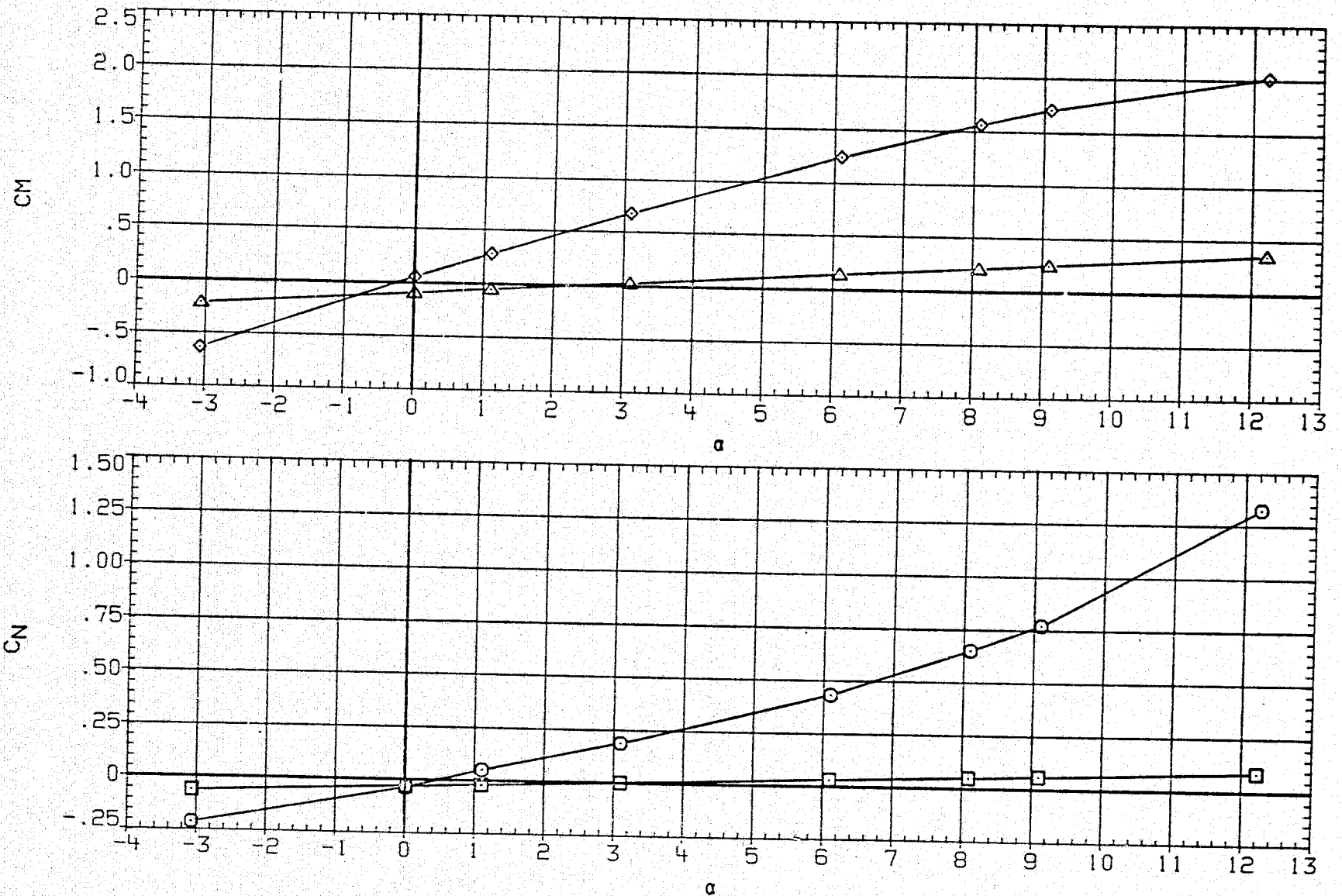



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ274) CONFIGURATION 19 (BN2C3)

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

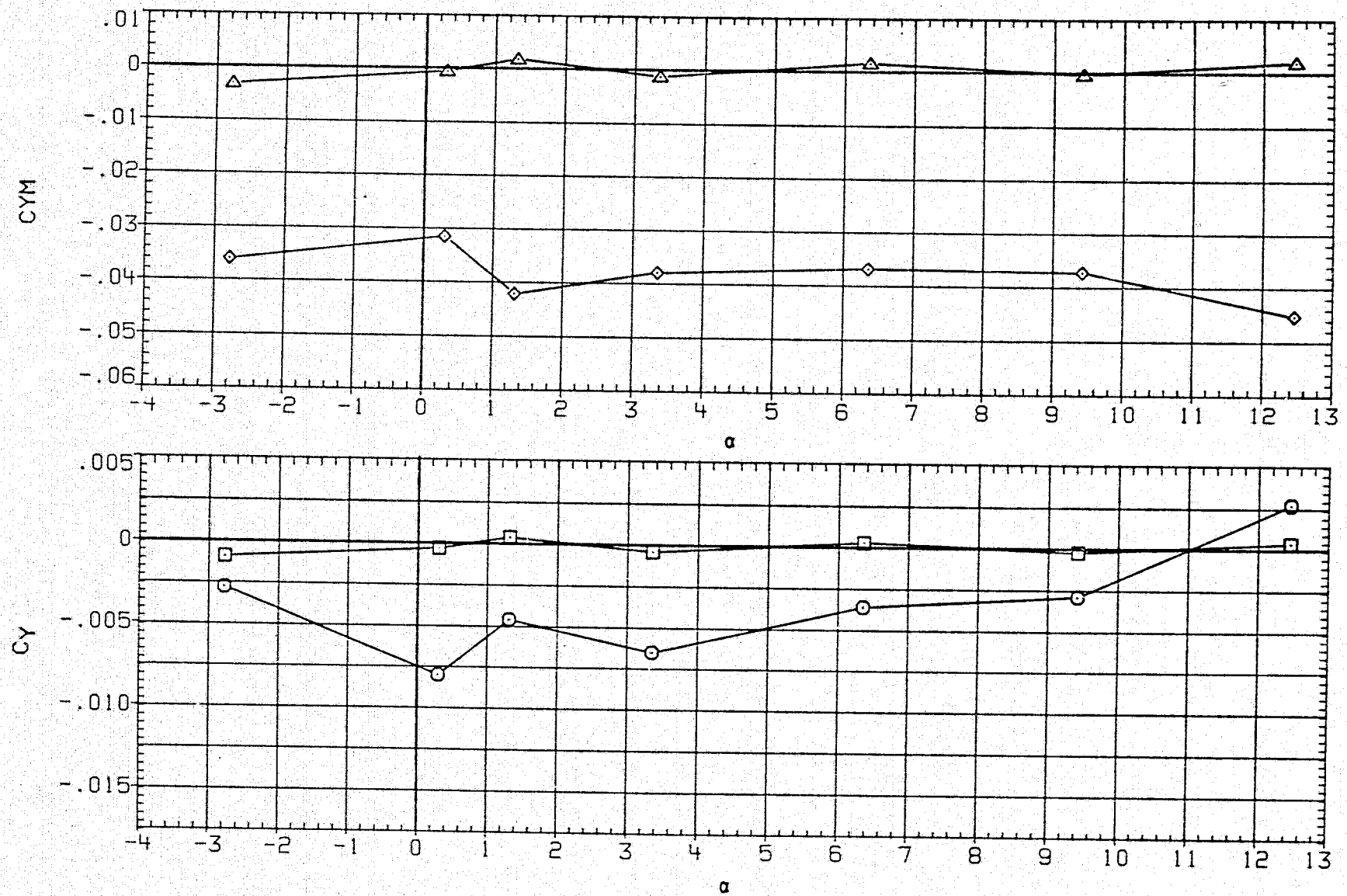



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

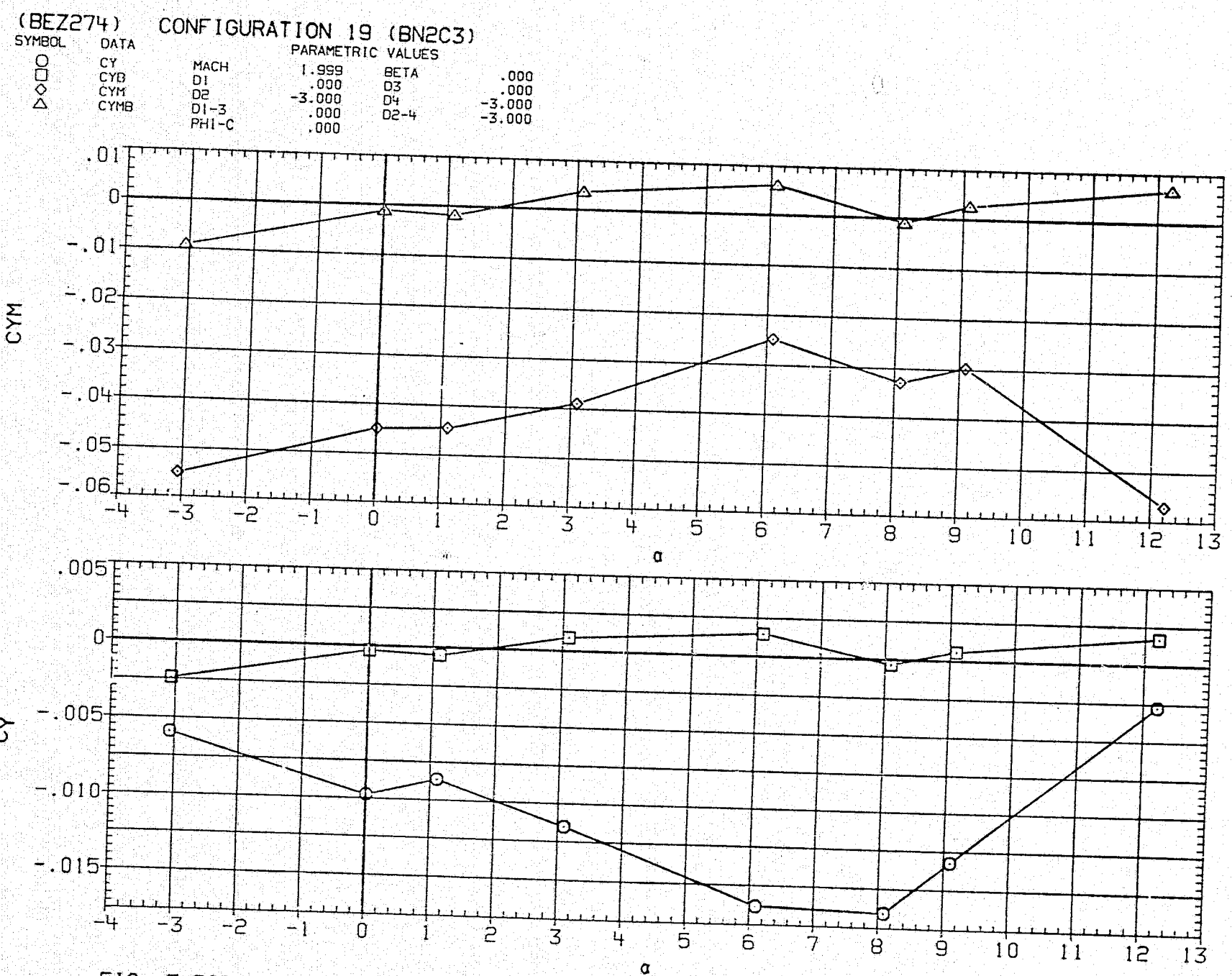



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ274) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.499 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | -3.000 | D4 | -3.000 |
| D1-3 | .000 | D2-4 | -3.000 |
| PHI-C | .000 | | |

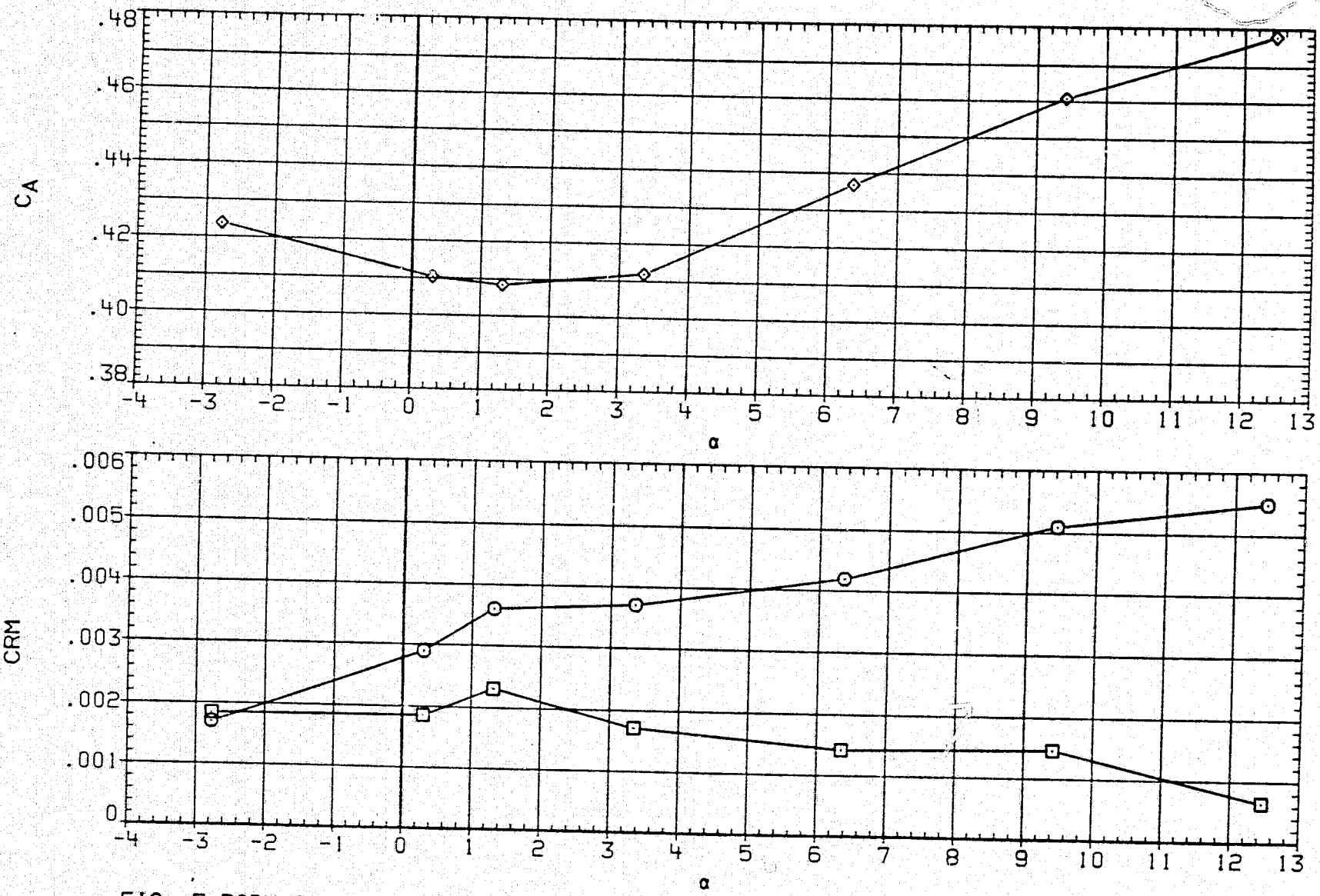


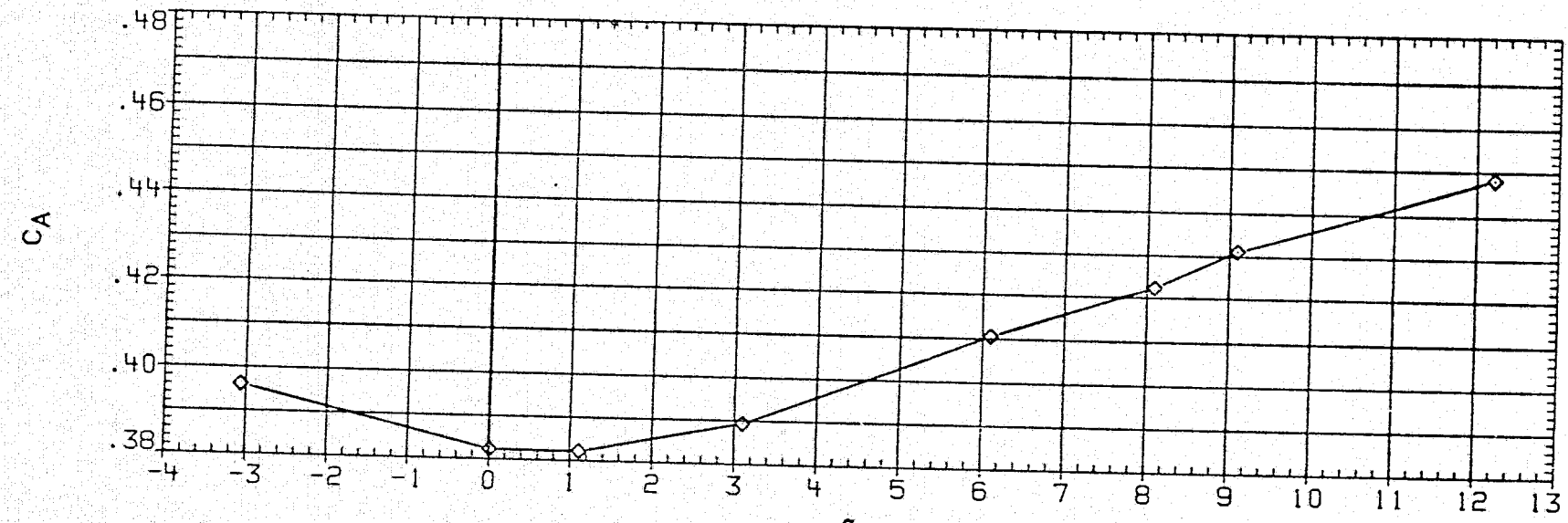

FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ274) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.999 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | -3.000 | D4 | -3.000 |
| D1-3 | .000 | D2-4 | -3.000 |
| PHI-C | .000 | | |



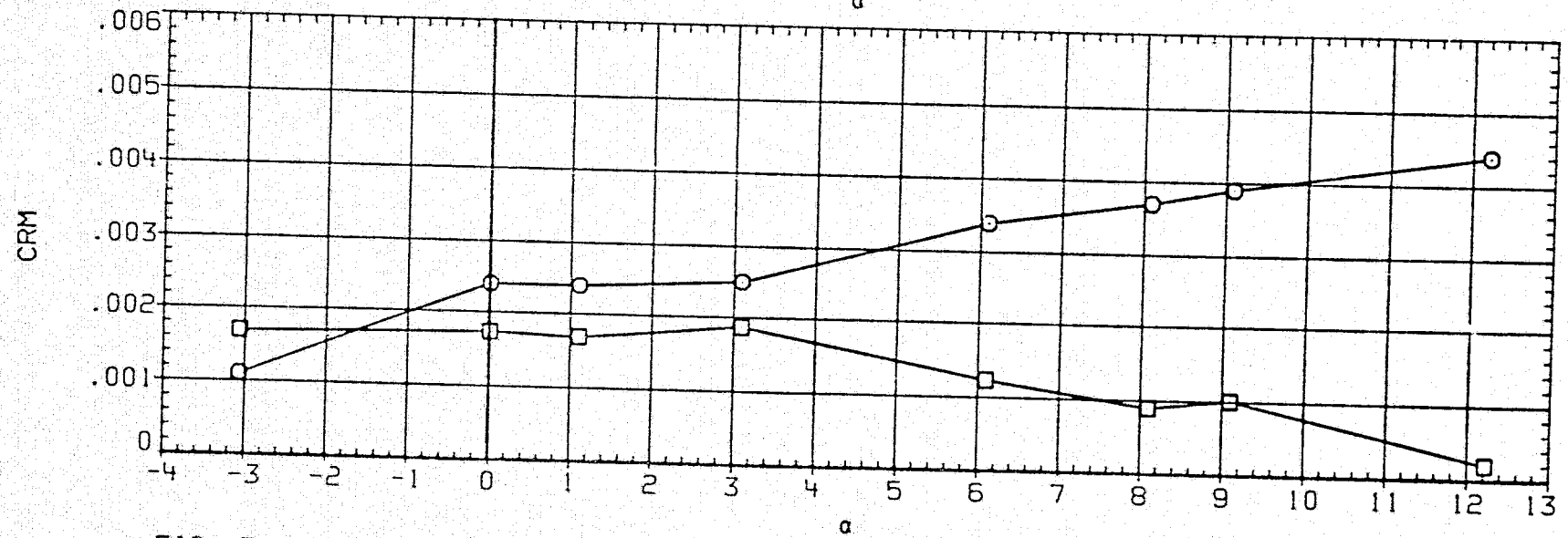




FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ275) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNB |
| ◇ | CM |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.500 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | .000 | D4 | .000 |
| D1-3 | .000 | D2-4 | .000 |
| PHI-C | .000 | | |

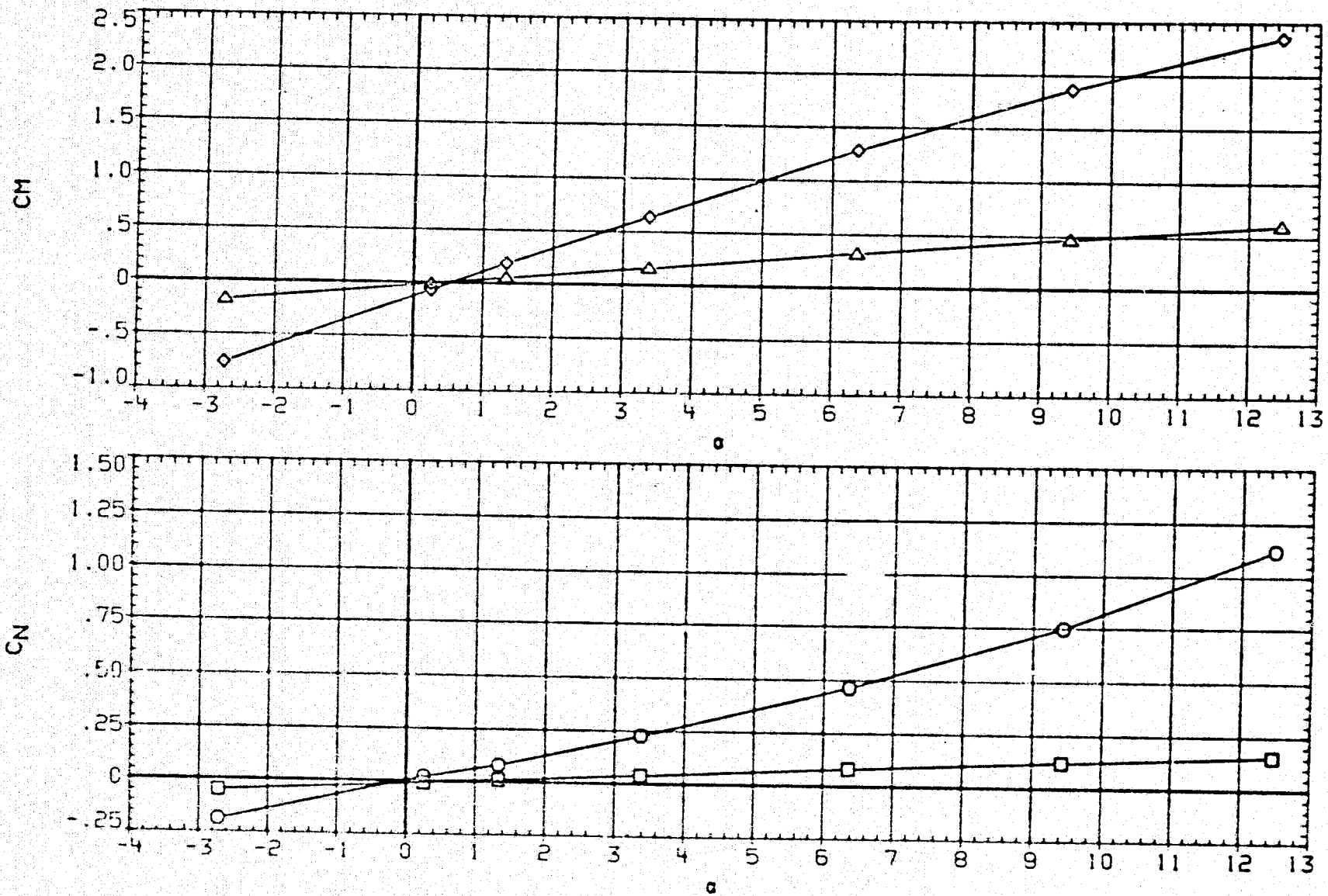



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ275) CONFIGURATION 19 (BN2C3)

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

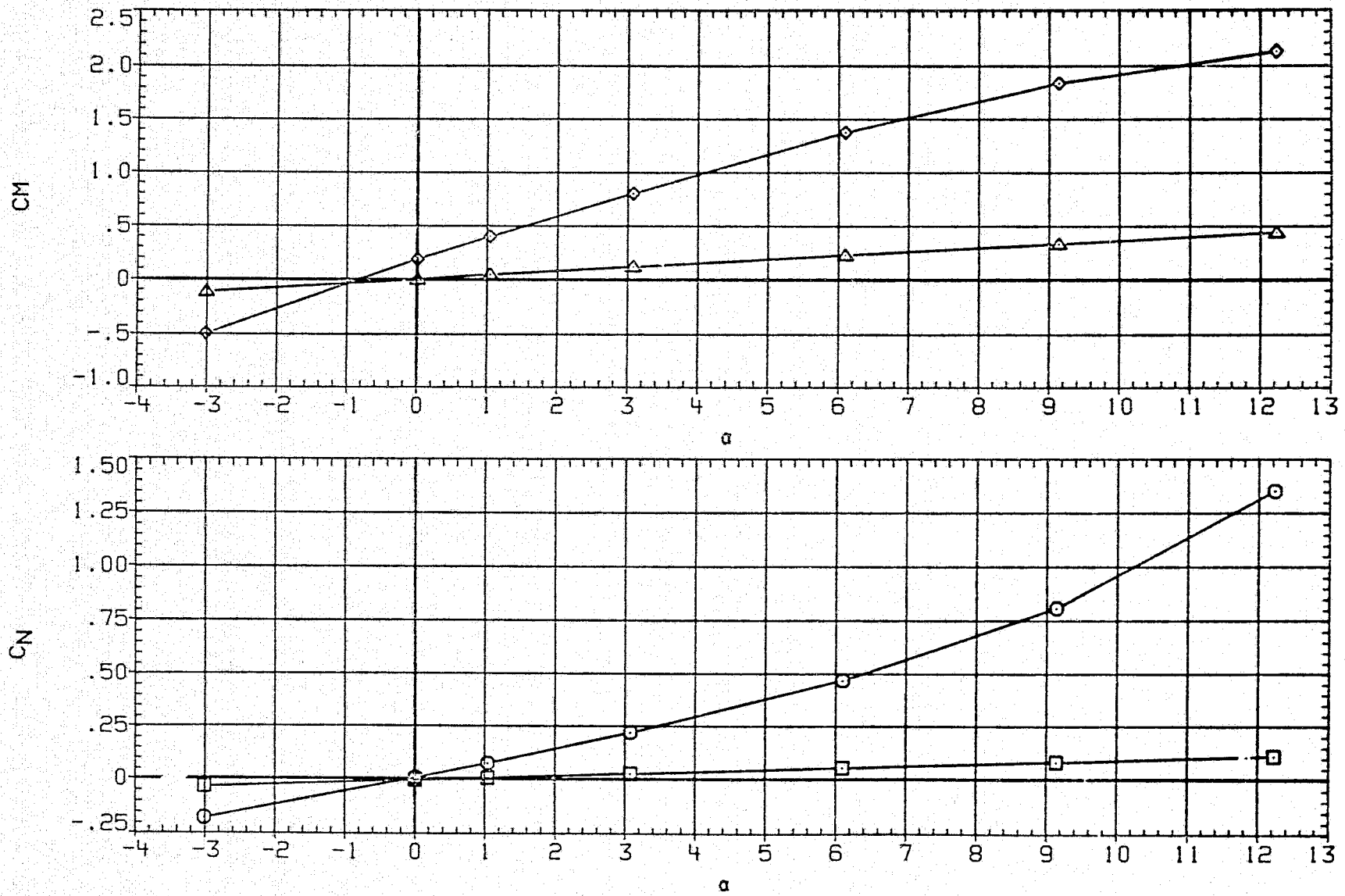



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ275) CONFIGURATION 19 (BN2C3)

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

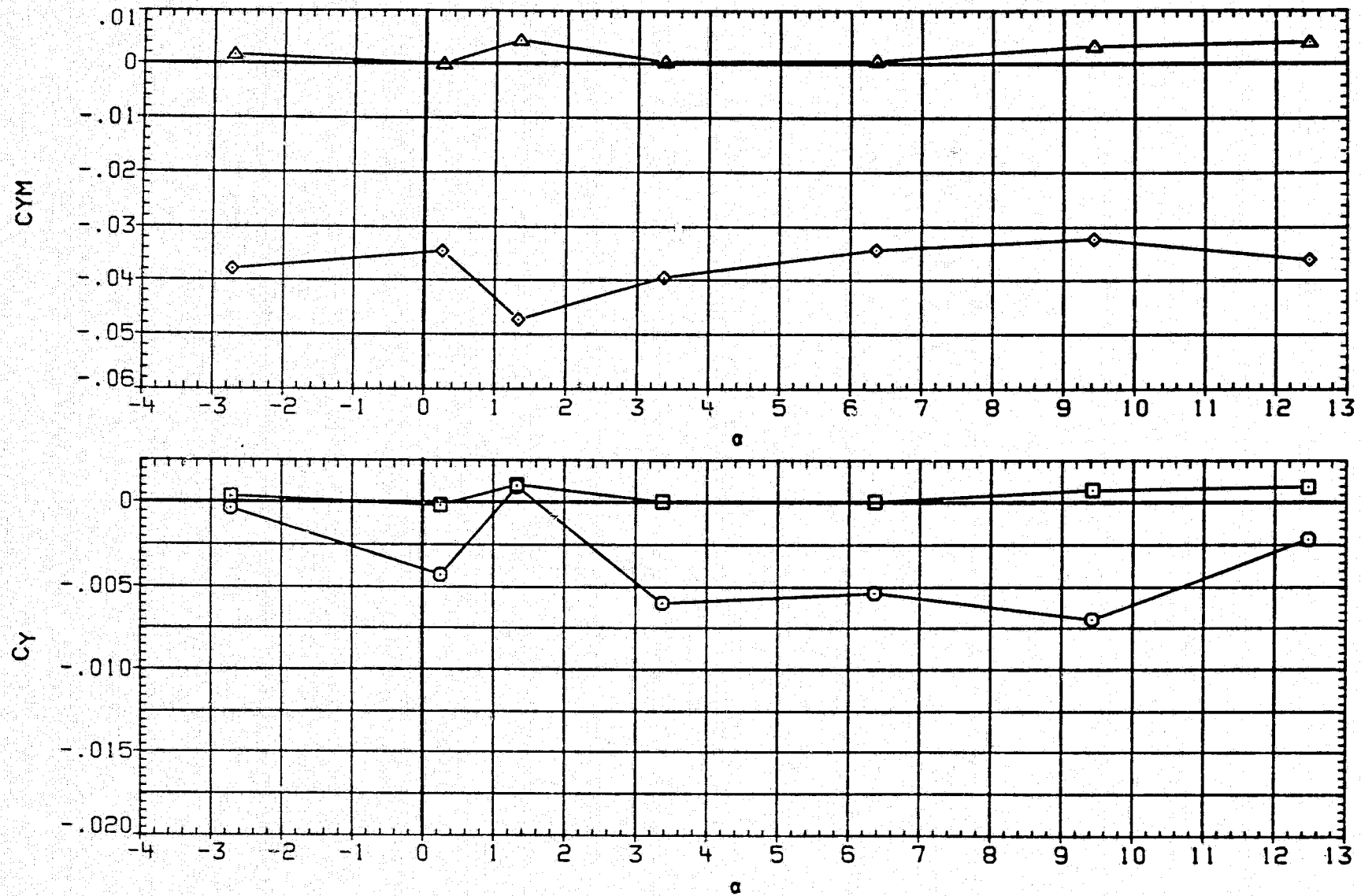



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ275) CONFIGURATION 19 (BN2C3)

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

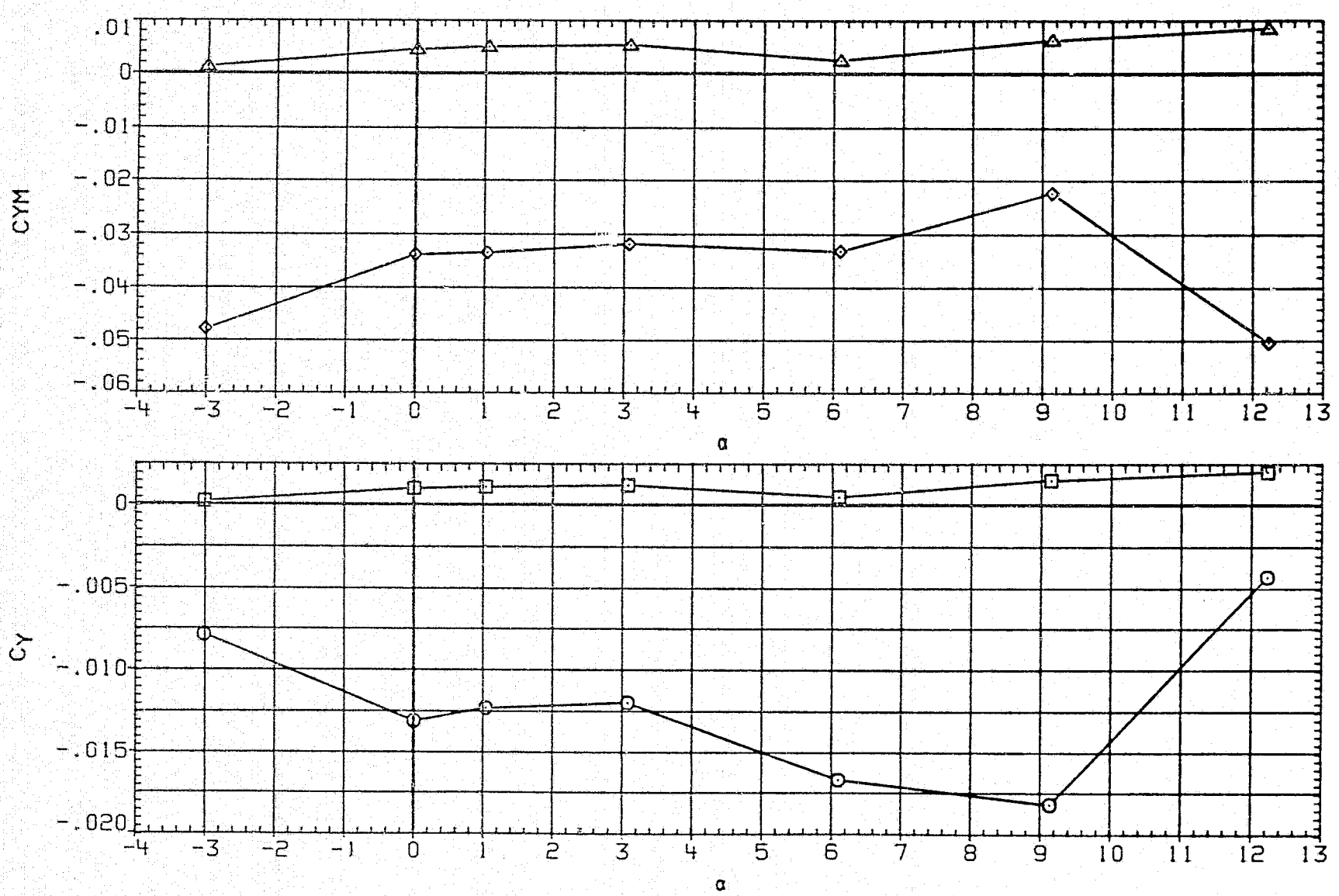



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ275) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.500 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | .000 | D4 | .000 |
| D1-3 | .000 | D2-4 | .000 |
| PHI-C | .000 | | |

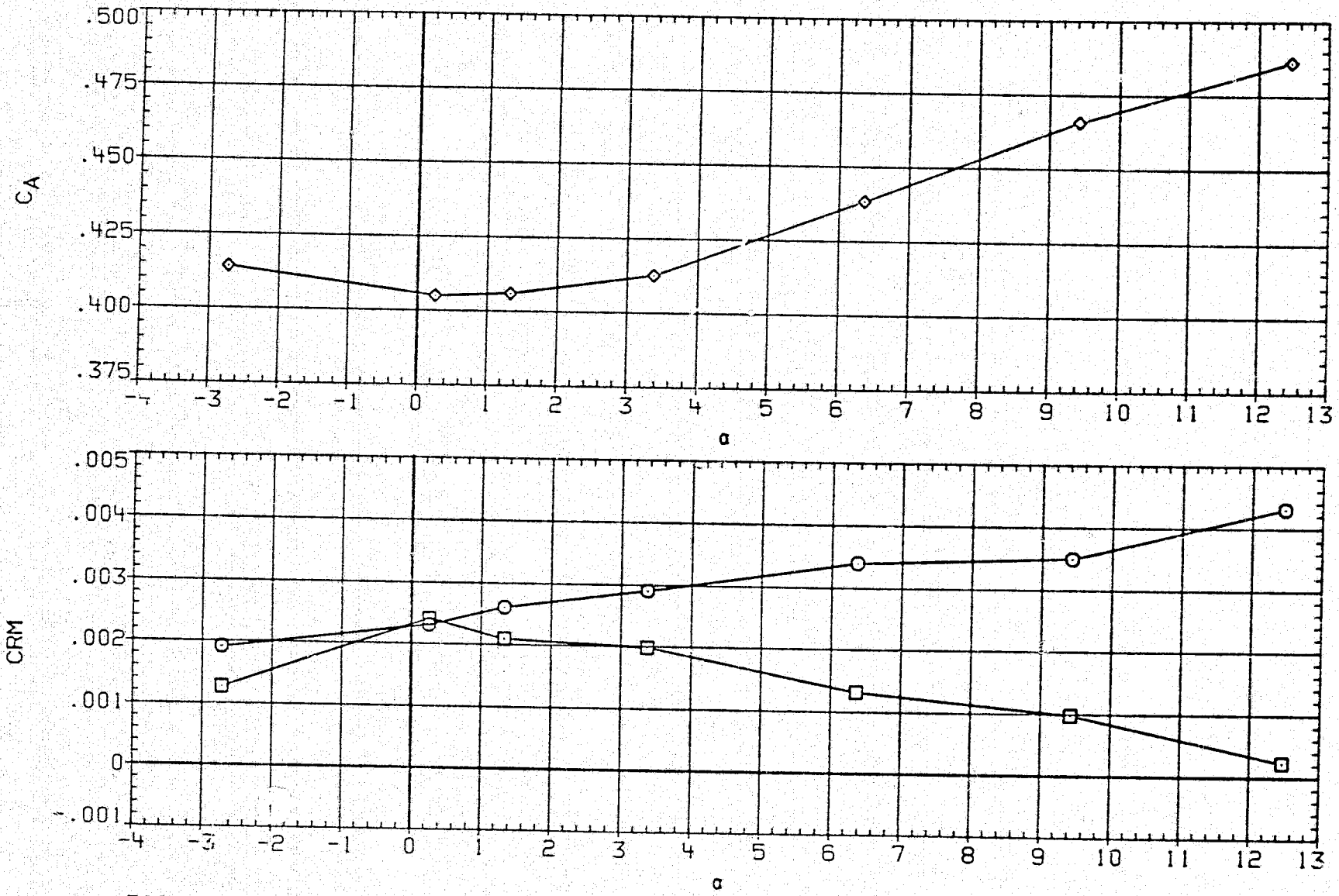



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ275) CONFIGURATION 19 (BN2C3)

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

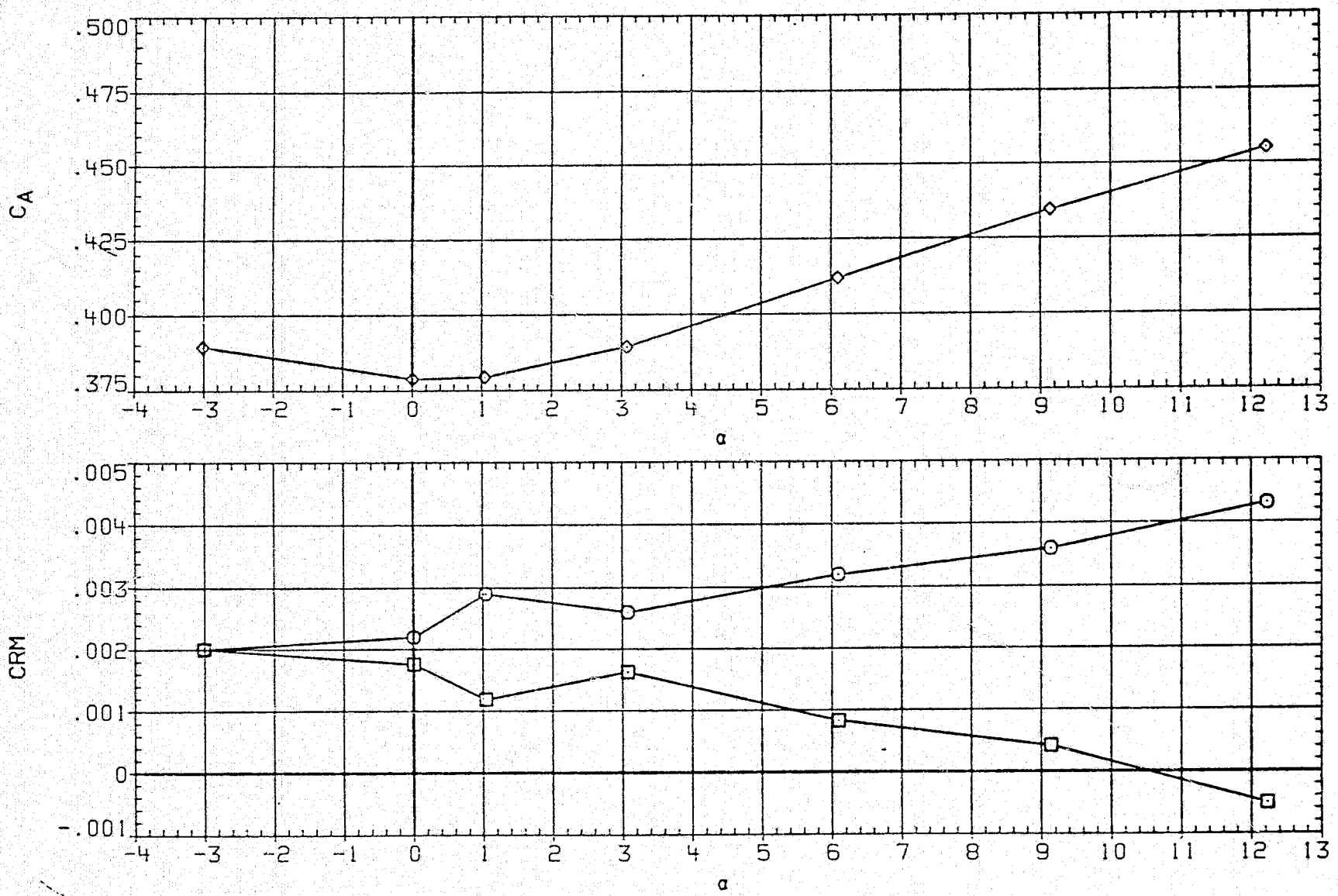



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ276) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.498 | 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 | | |

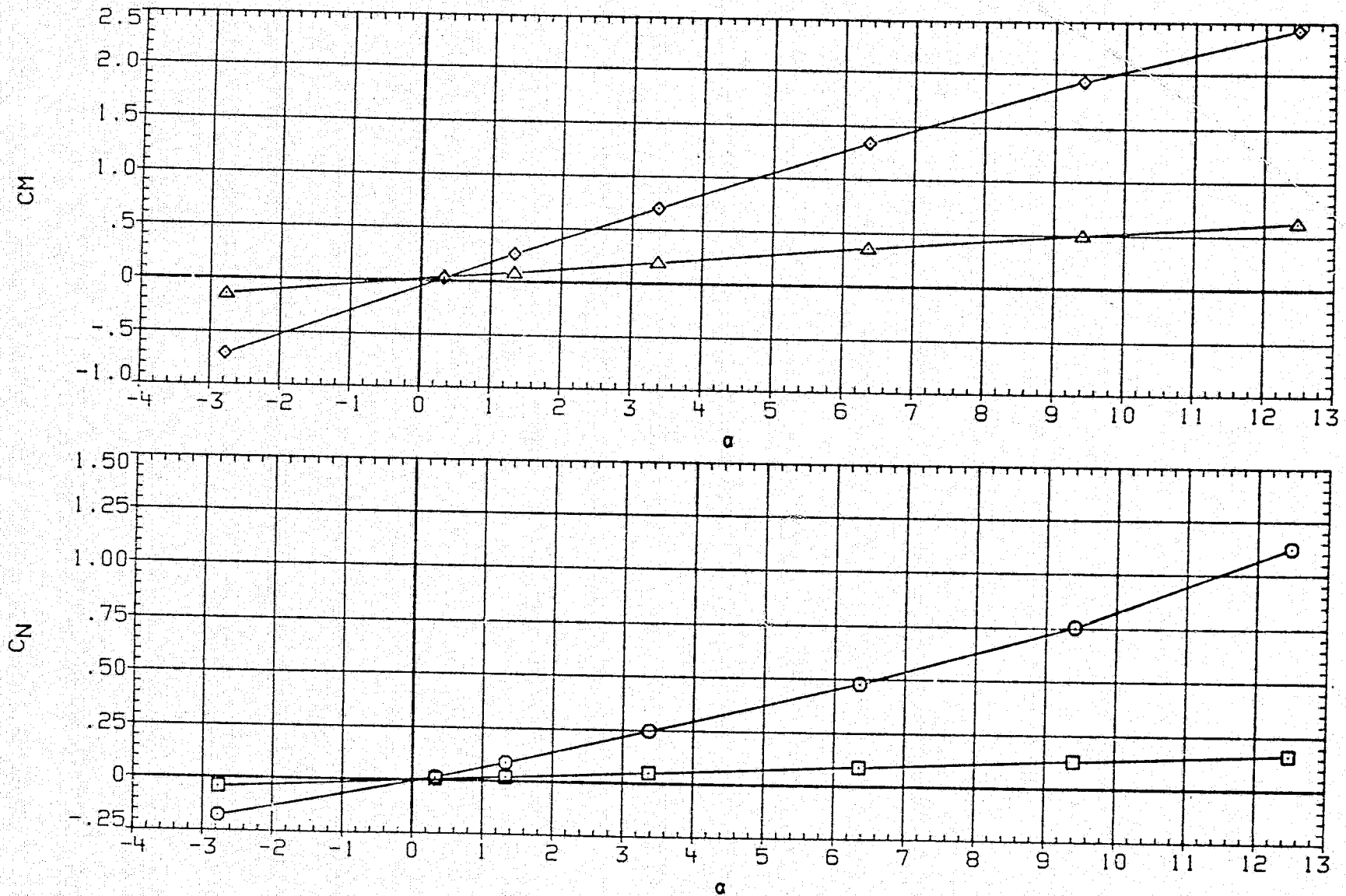



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ276) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.996 | BETA | .000 |
| □ | CNS | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 1.000 | D4 | 1.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | | |

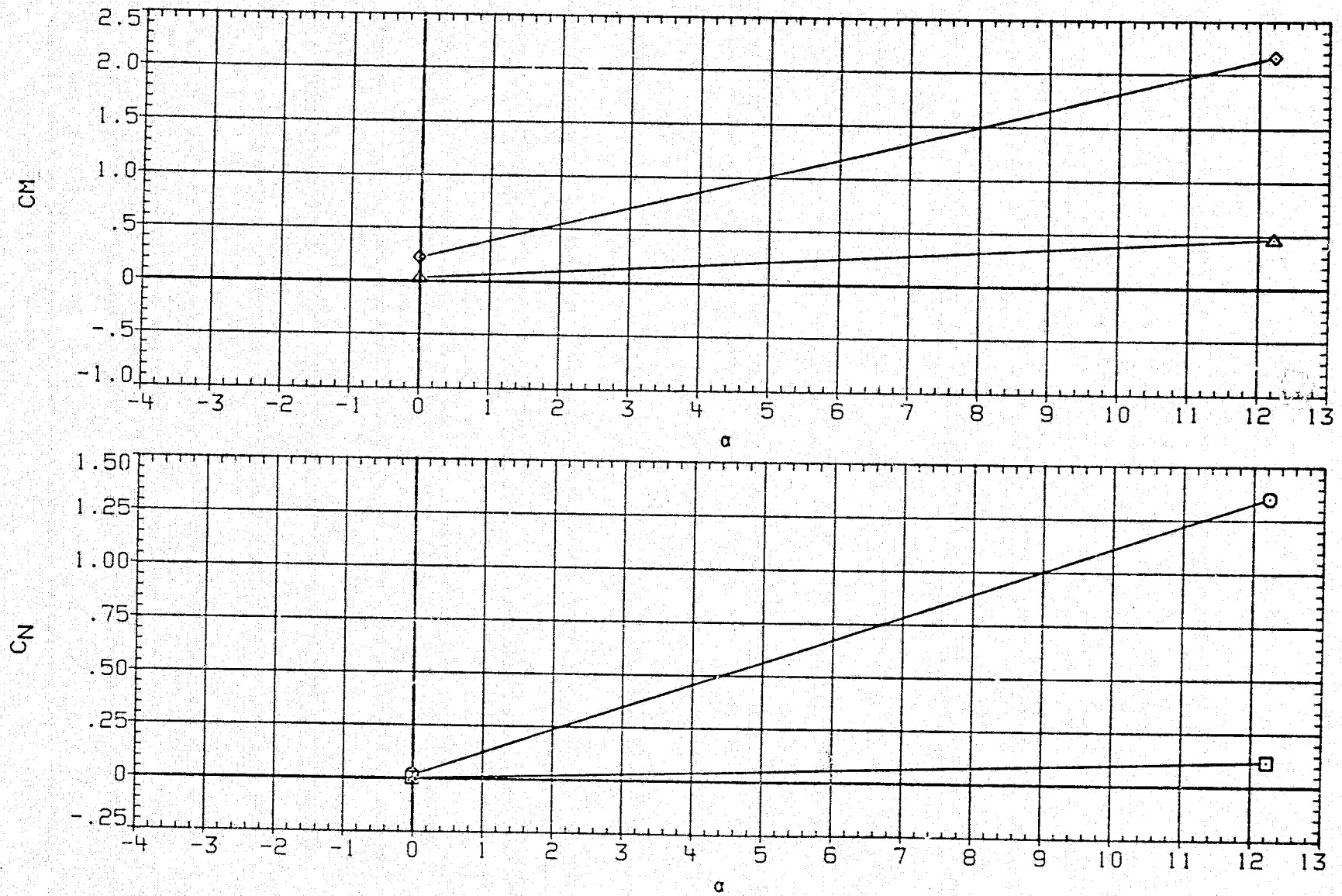



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ276) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.498 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 1.000 | D4 | 1.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | | |

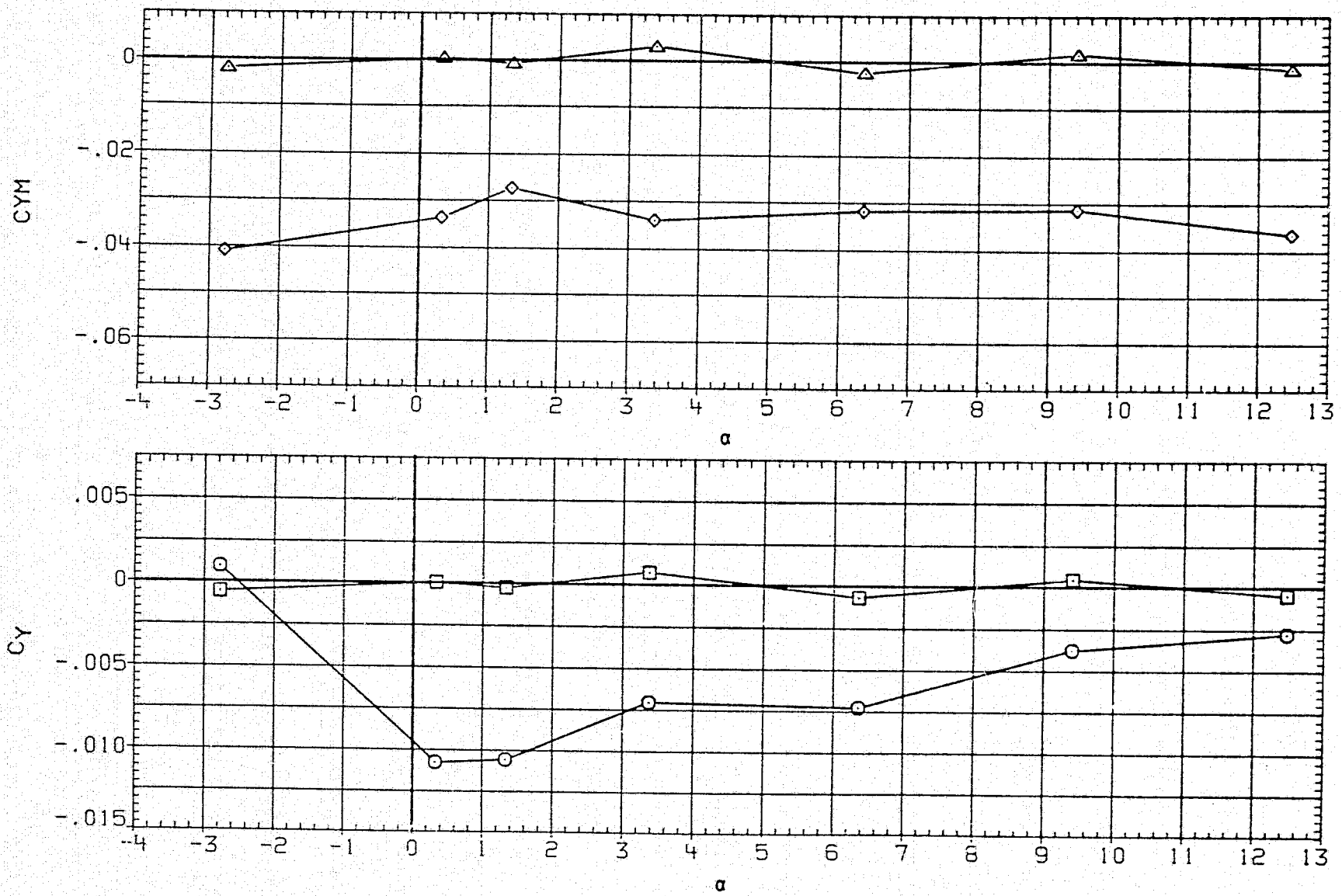



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ276) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CY |
| □ | CYB |
| ◇ | CYM |
| △ | CYMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.996 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 1.000 | D4 | 1.000 |
| D1-3 | .000 | D2-4 | 1.000 |
| PHI-C | .000 | | |

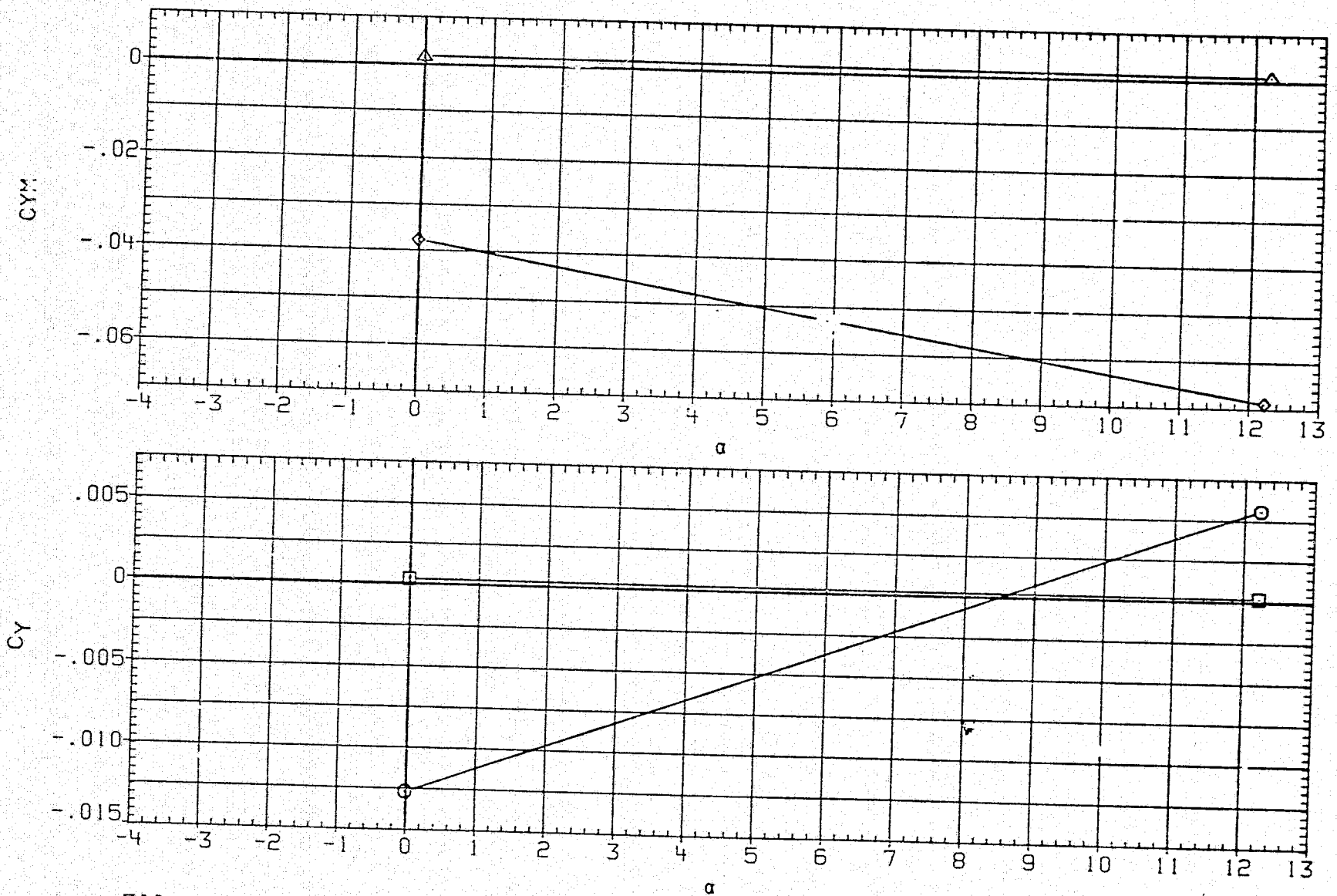



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ276) CONFIGURATION 19 (BN2C3)

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

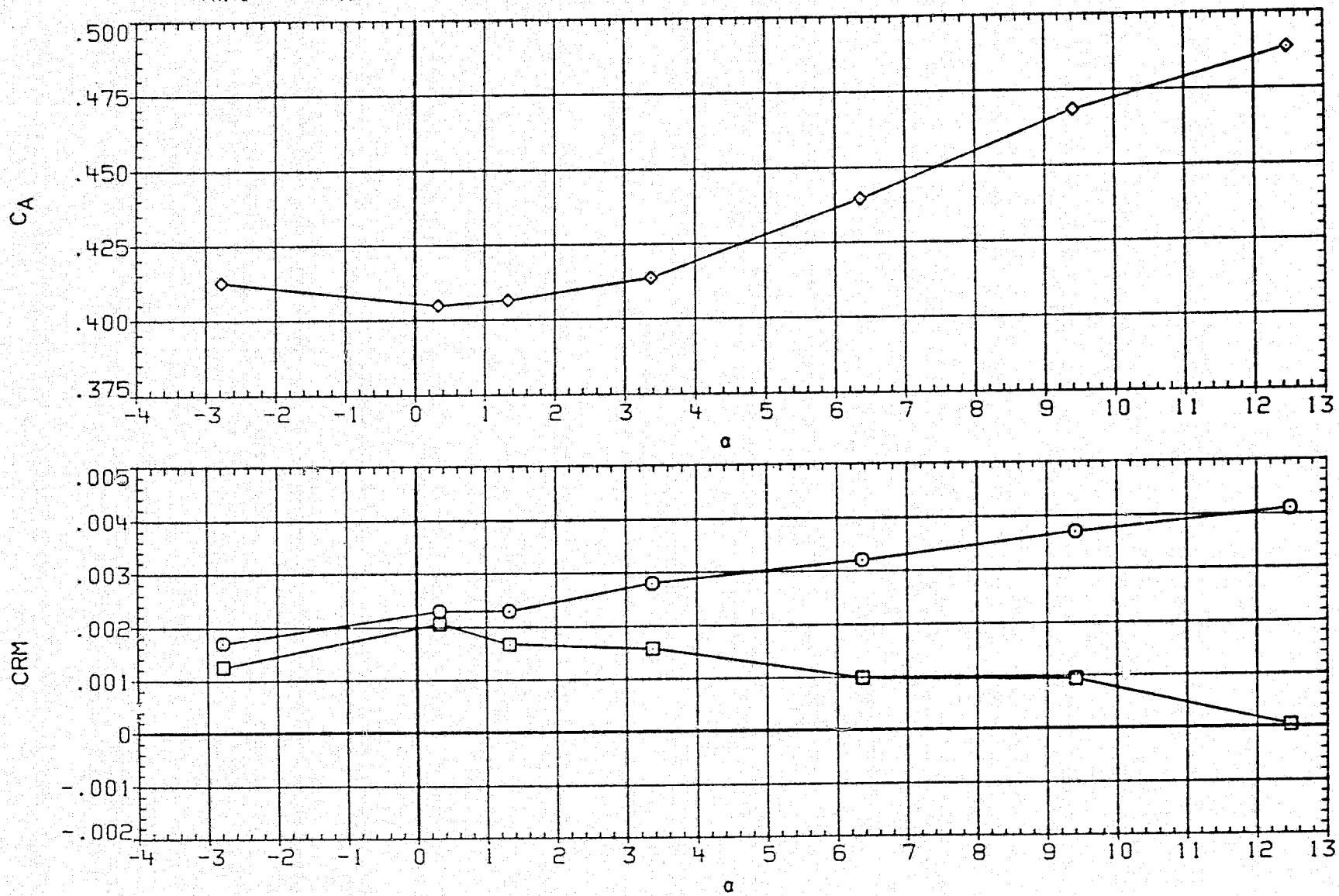



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ276) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.996 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 1.000 | D4 | 1.000 |
| | | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | | |

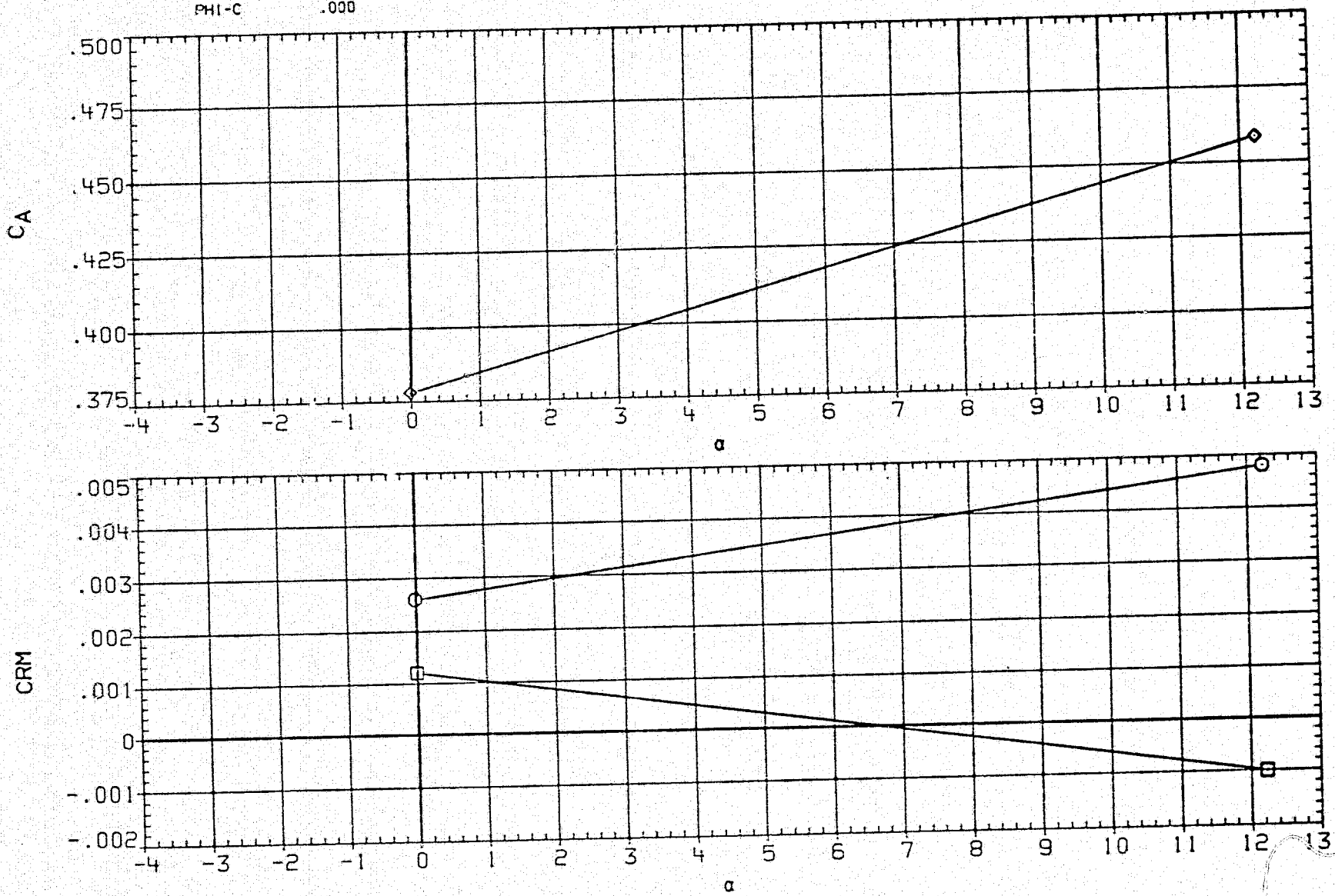



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ277) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNB |
| ◇ | CM |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.499 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 3.000 | D4 | 3.000 |
| D1-3 | .000 | D2-4 | 3.000 |
| PHI-C | .000 | | |

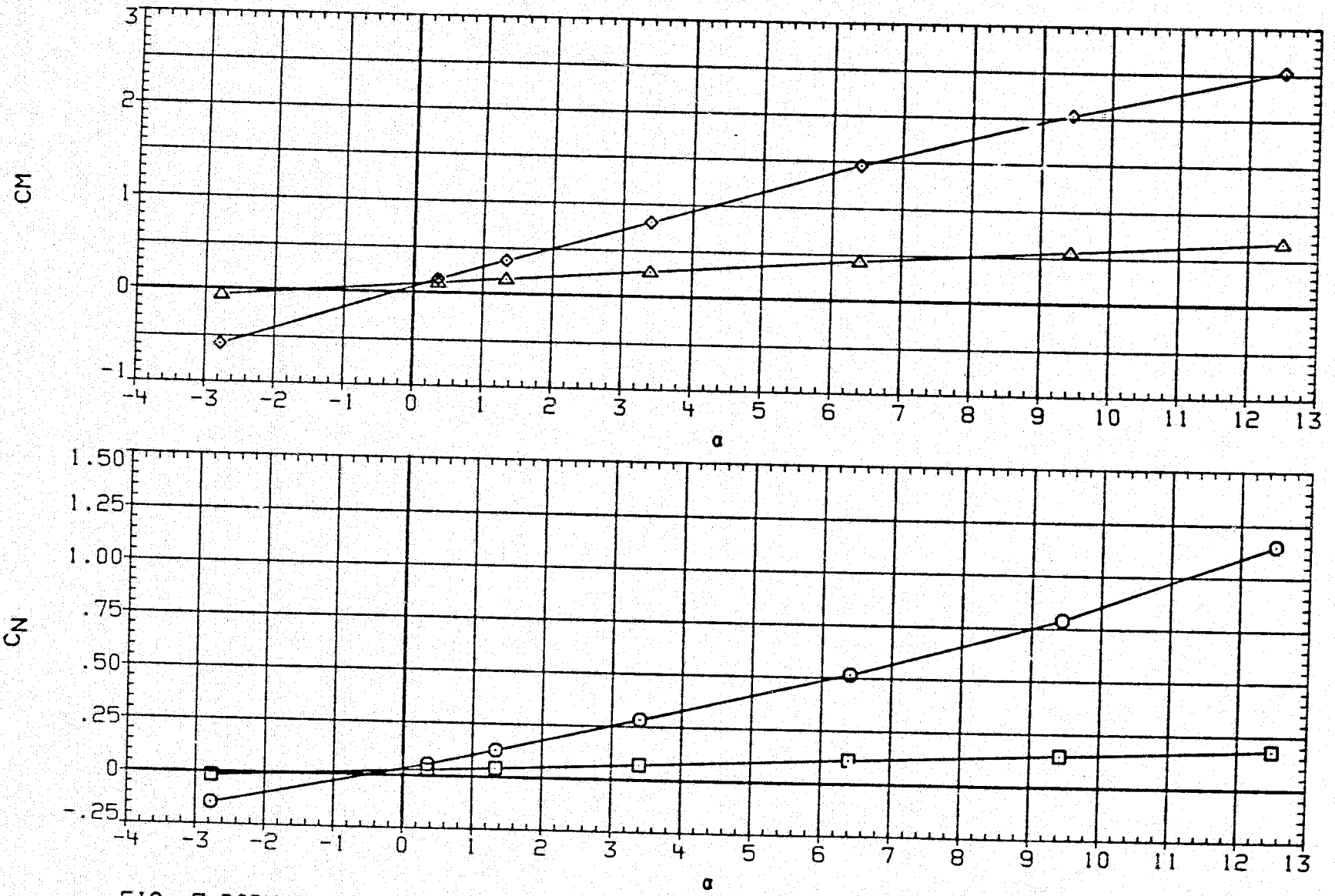



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ277) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.997 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 3.000 | D4 | 3.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | | |

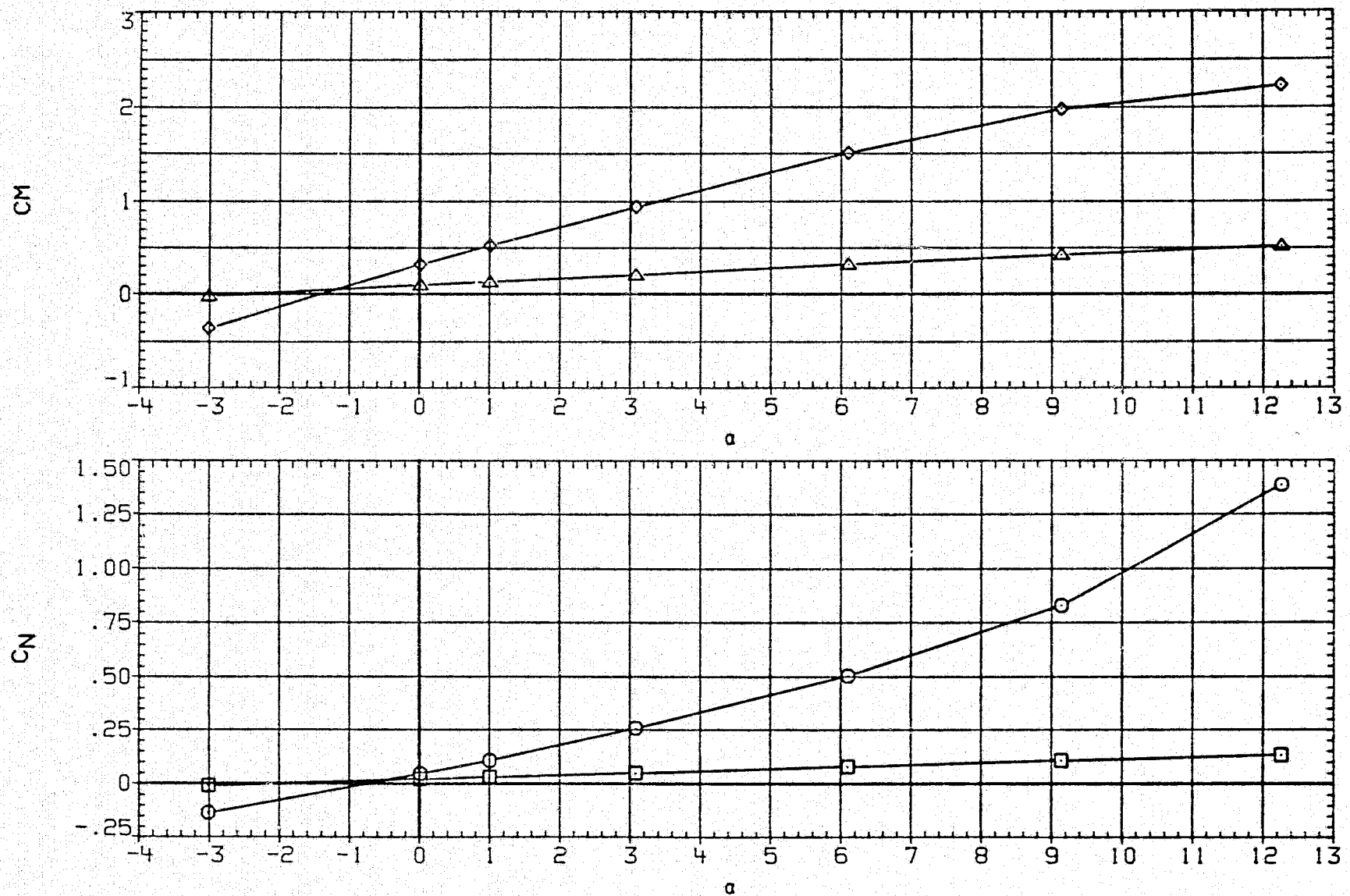



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ277) CONFIGURATION 19 (BN3C3)

| SYMBOL | DATA |
|---|---|
| ○ | CY |
| □ | CYB |
| ◇ | CYM |
| △ | CYMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.499 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 3.000 | D4 | 3.000 |
| D1-3 | .000 | D2-4 | 3.000 |
| PHI-C | .000 | | |

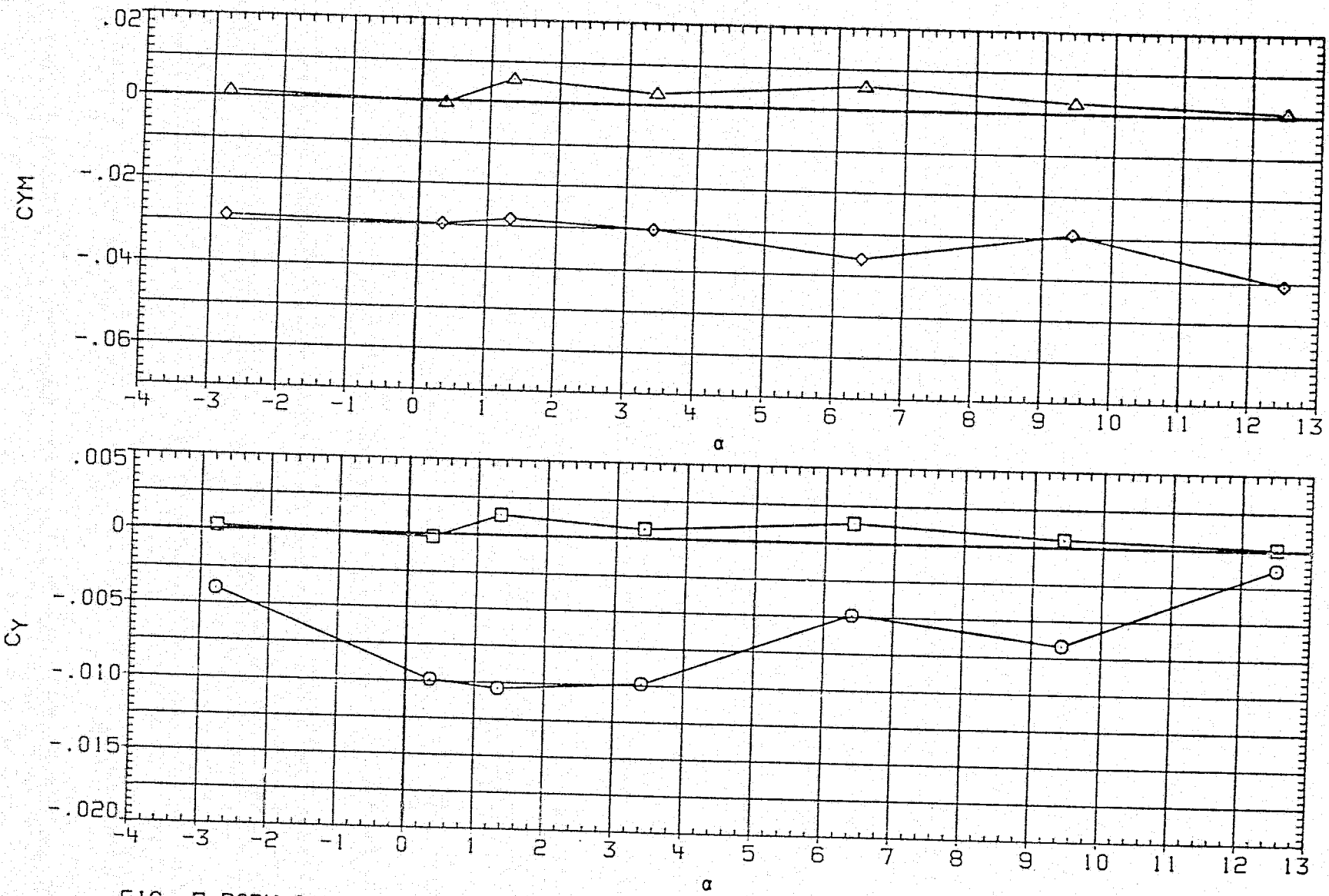



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ277) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.997 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 3.000 | D4 | 3.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | | |

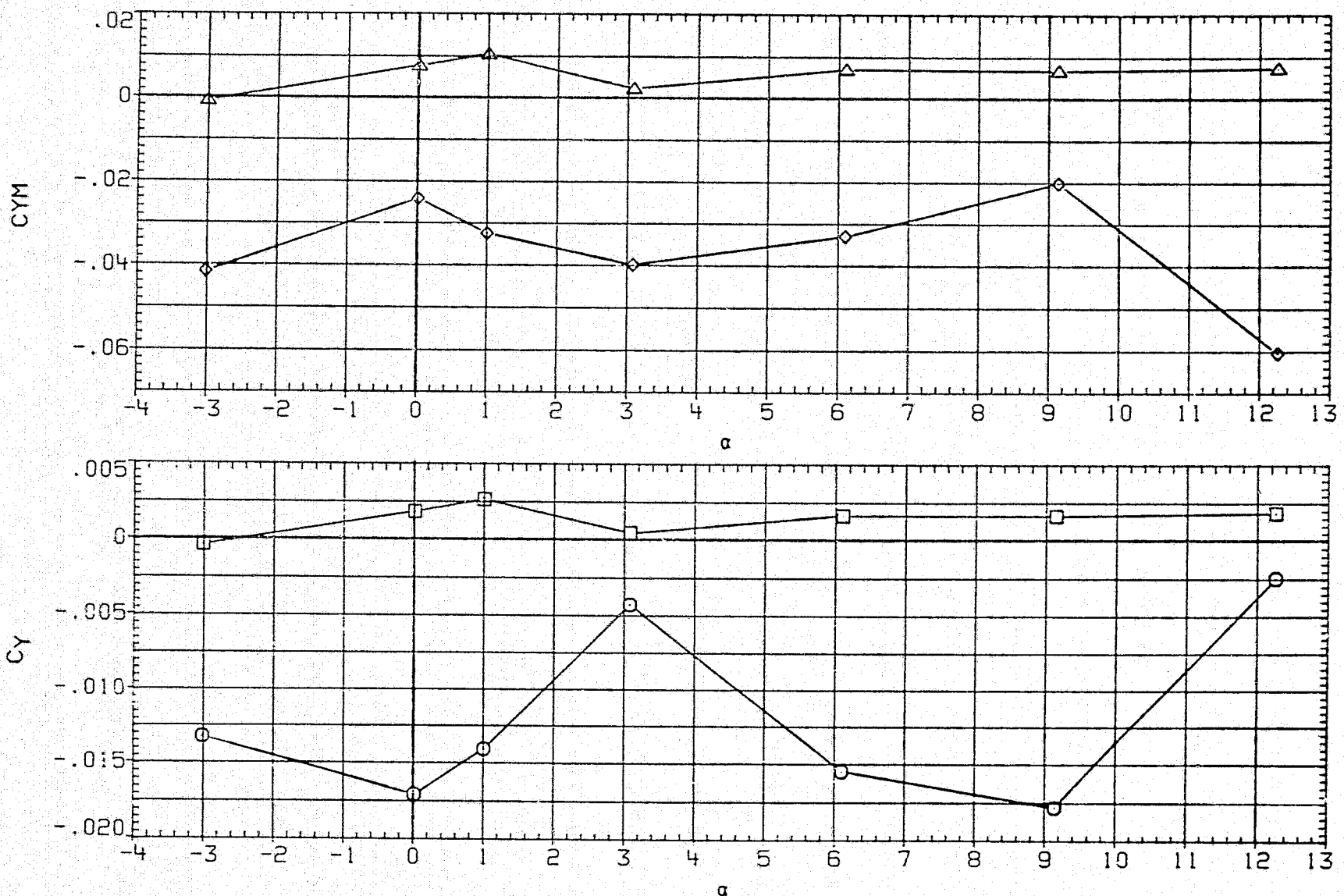



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ277) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.499 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 3.000 | D4 | 3.000 |
| | | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | | |

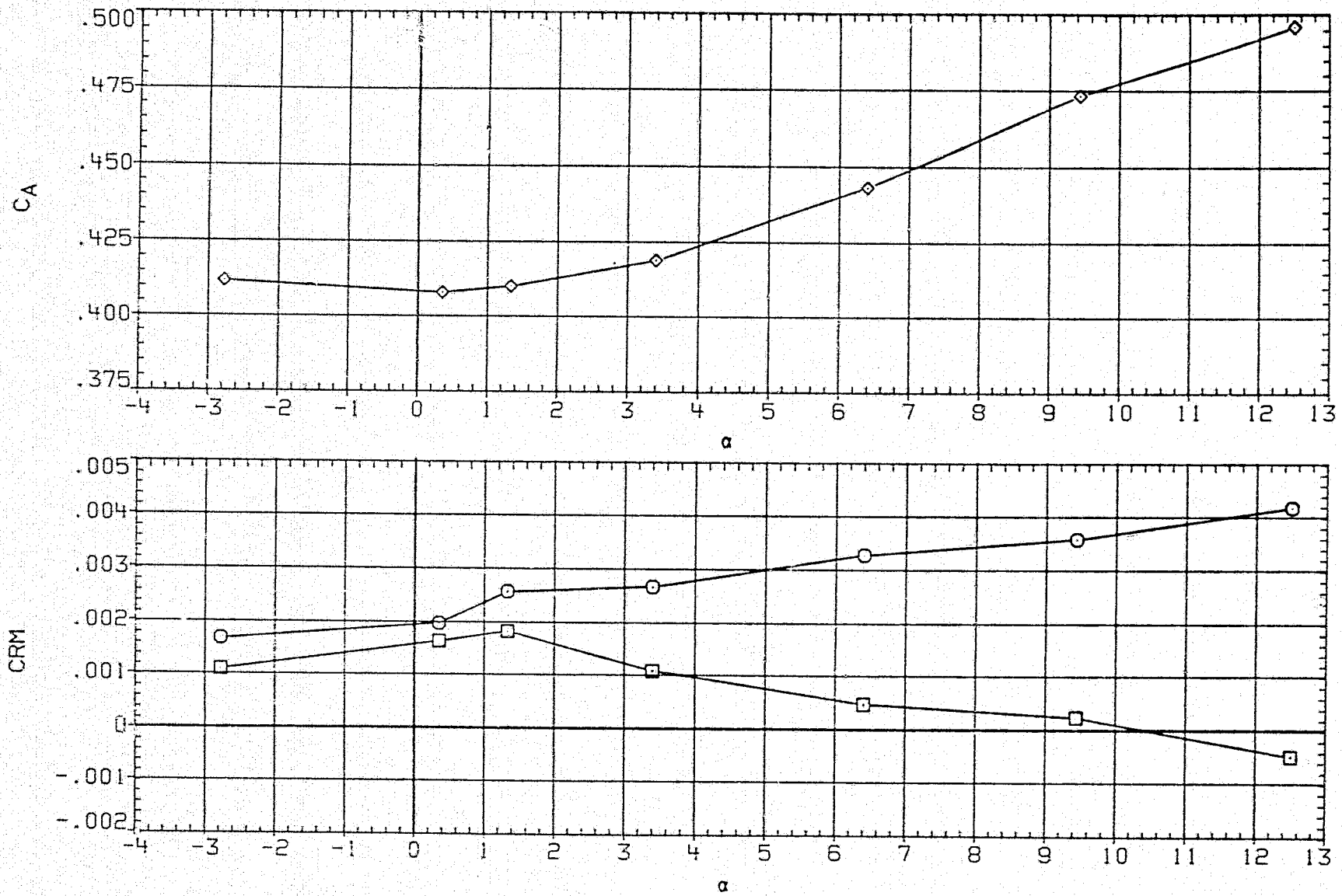



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ277) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.997 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 3.000 | D4 | 3.000 |
| D1-3 | .000 | D2-4 | 3.000 |
| PHI-C | .000 | | |

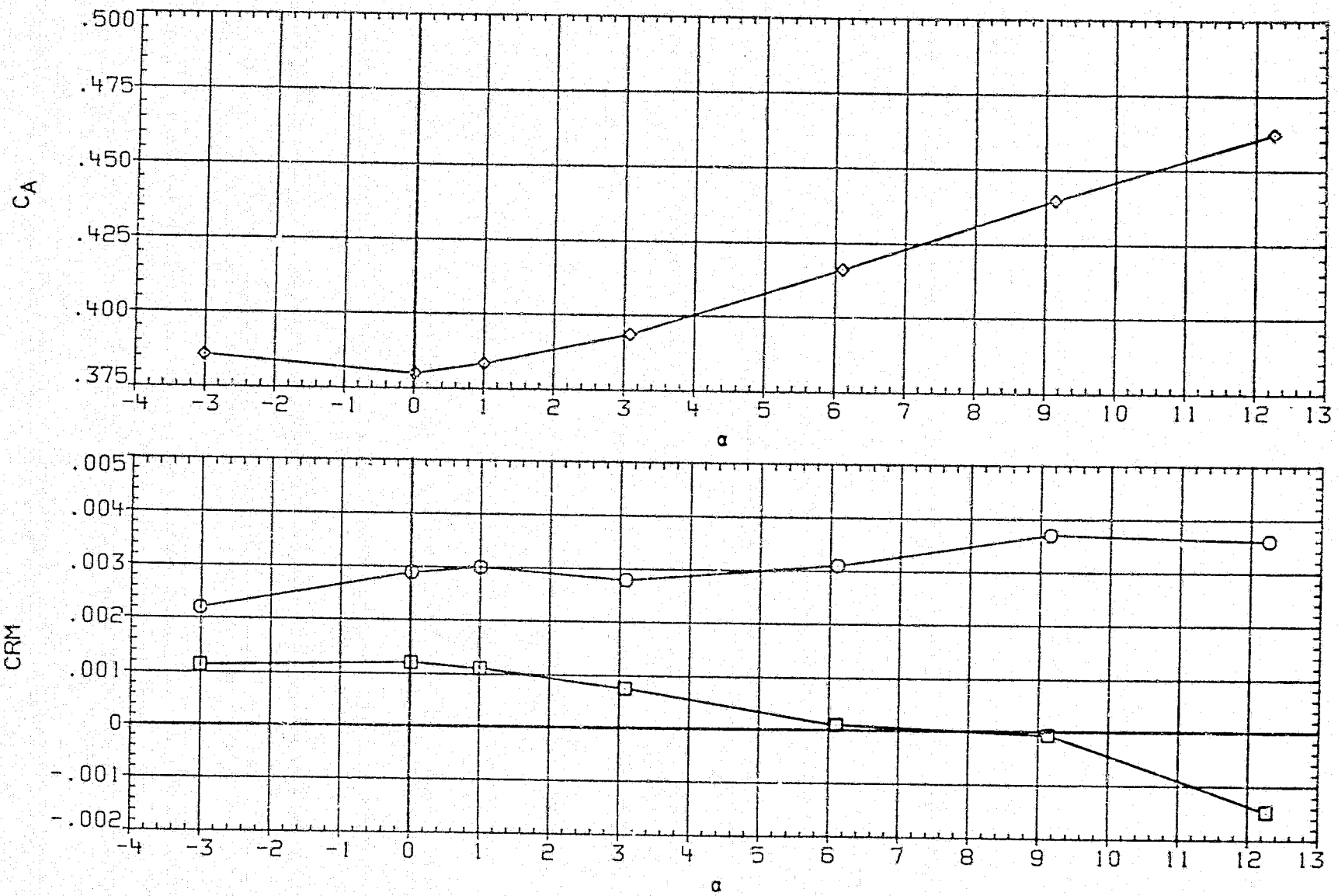



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ278) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.497 | 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 | | |

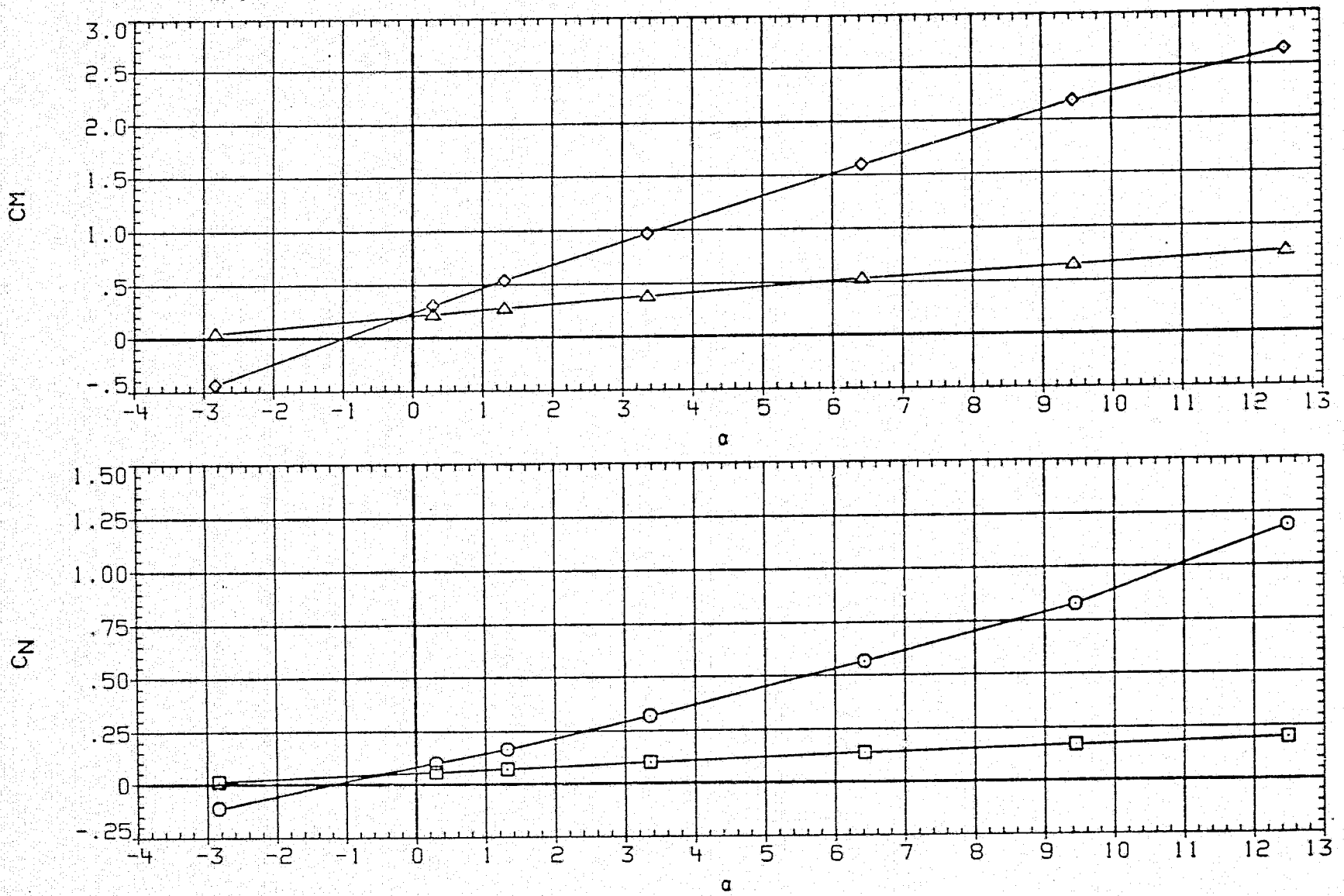



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ278) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.997 | 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 | | |

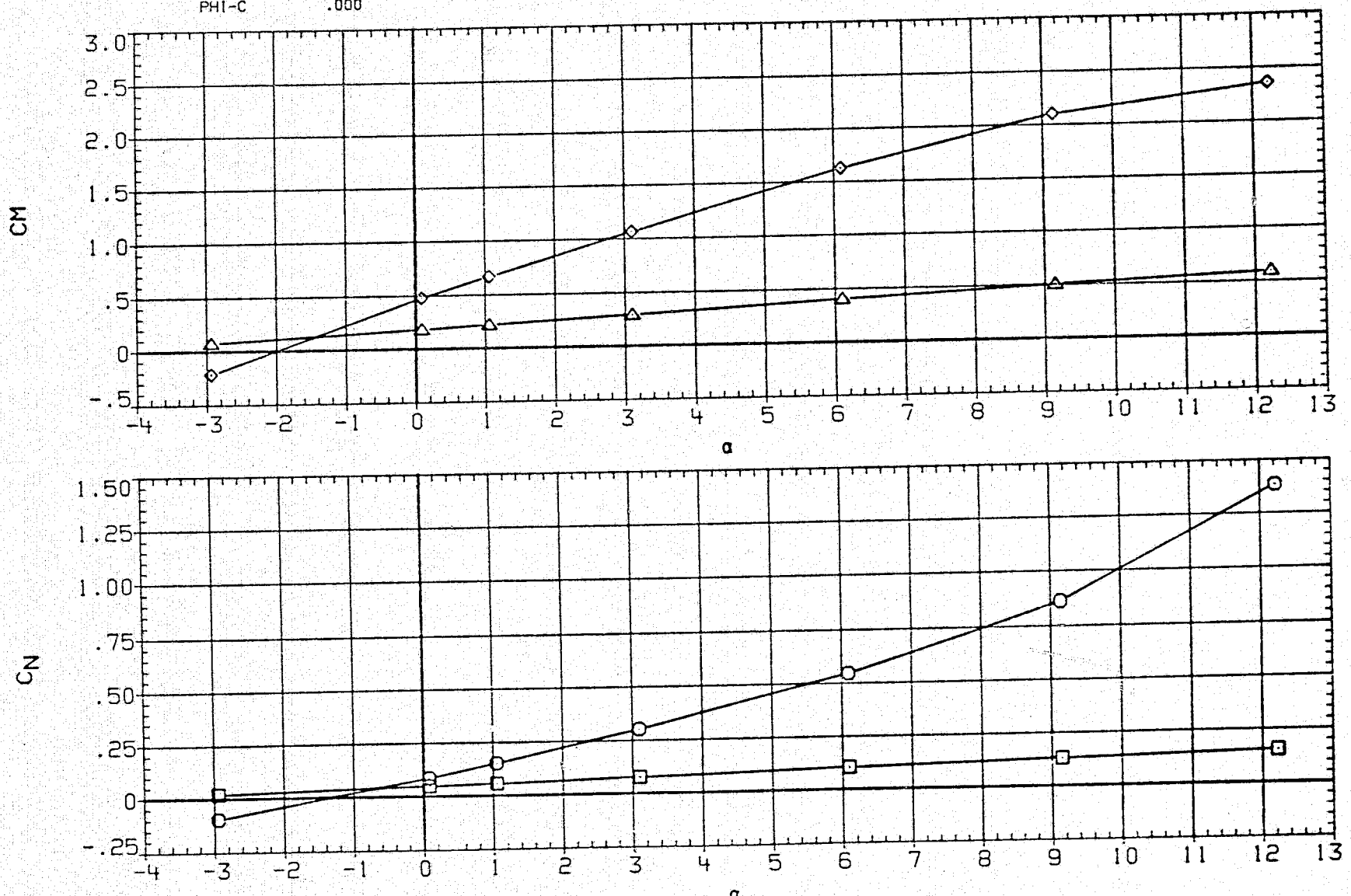



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ278) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.497 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 6.000 | D4 | 6.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 6.000 |
| | | PHI-C | .000 | | |

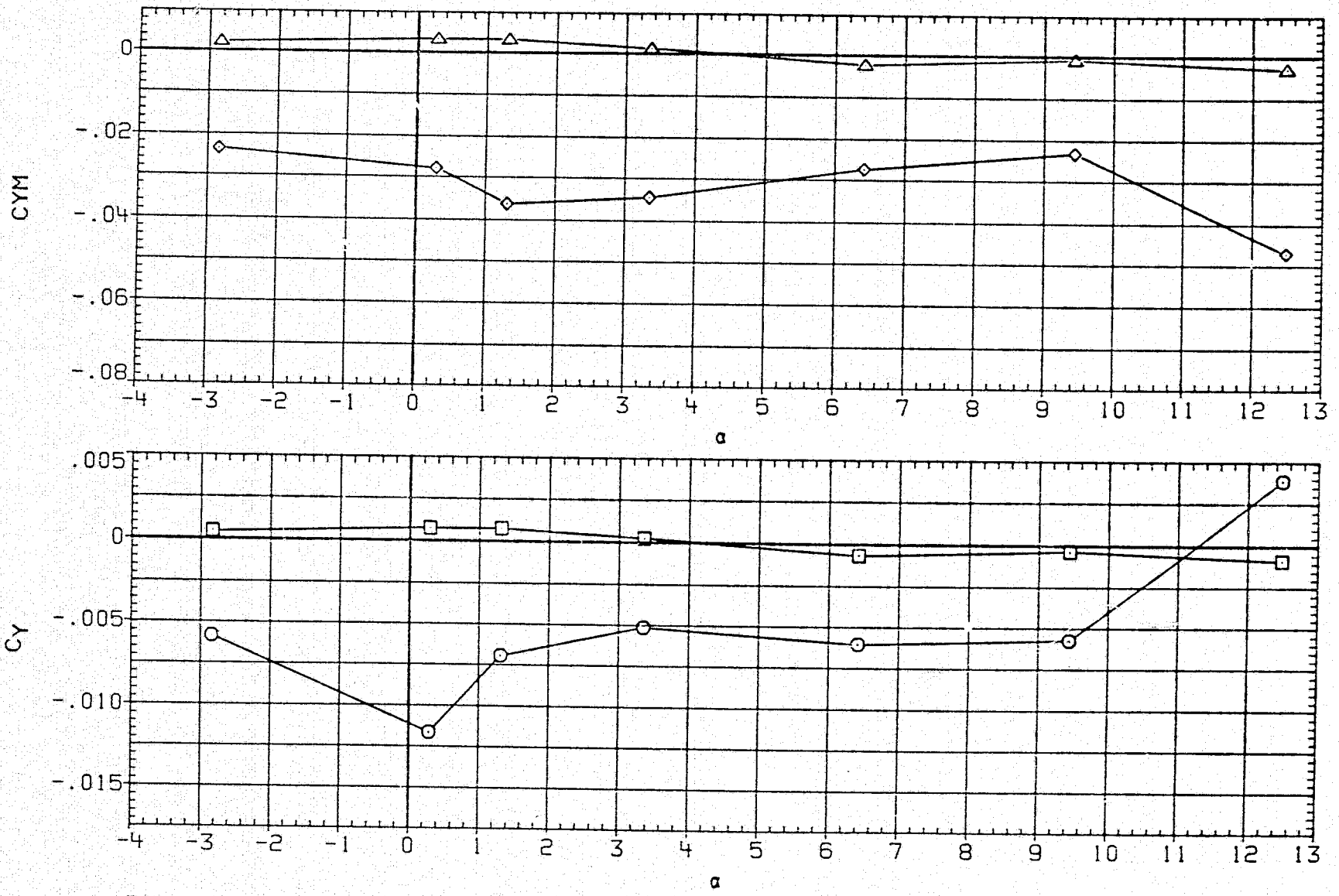



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ278) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.997 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 6.000 | D4 | 6.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 6.000 |
| | | PHI-C | .000 | | |

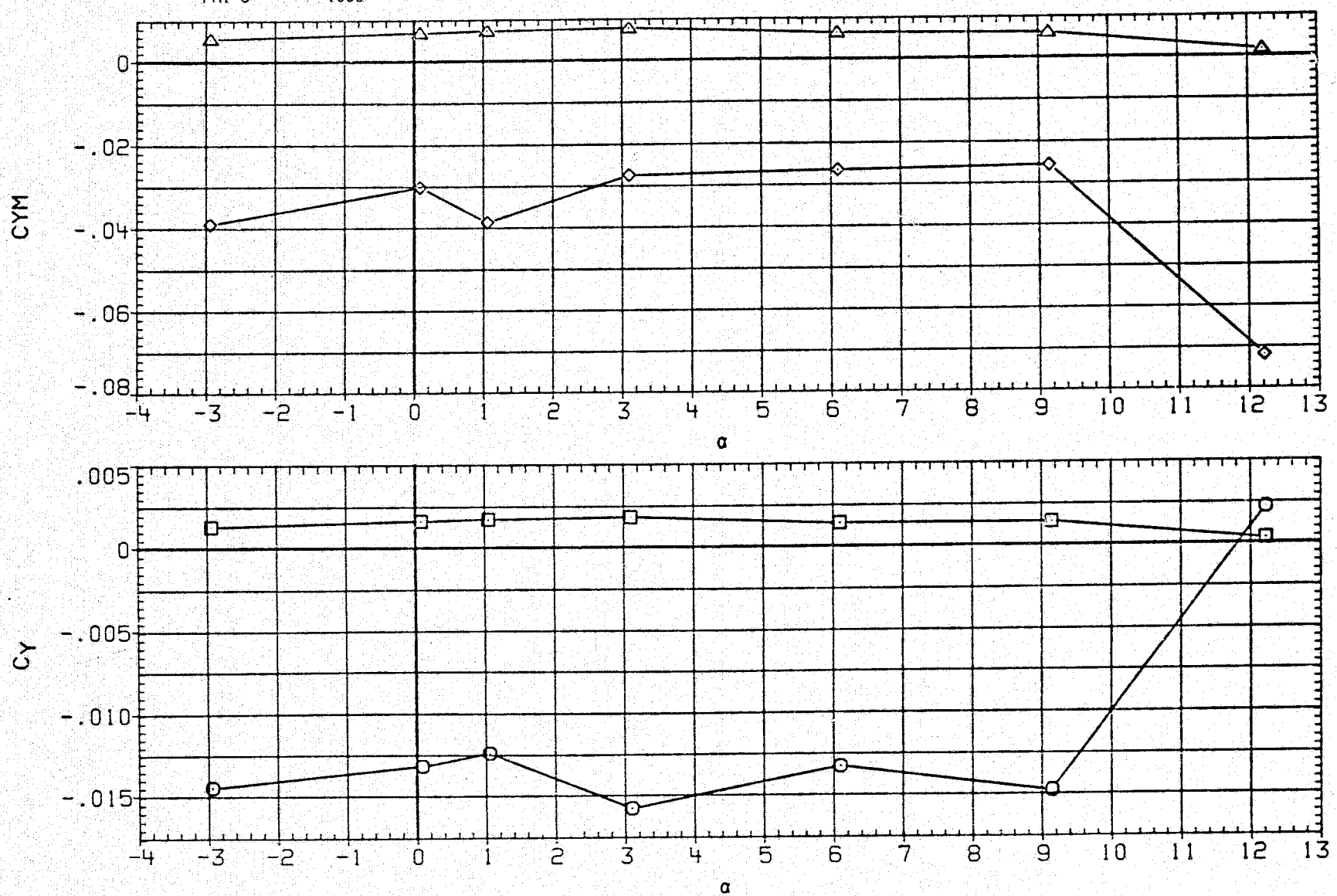



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ278) CONFIGURATION 19 (BN2C3)

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

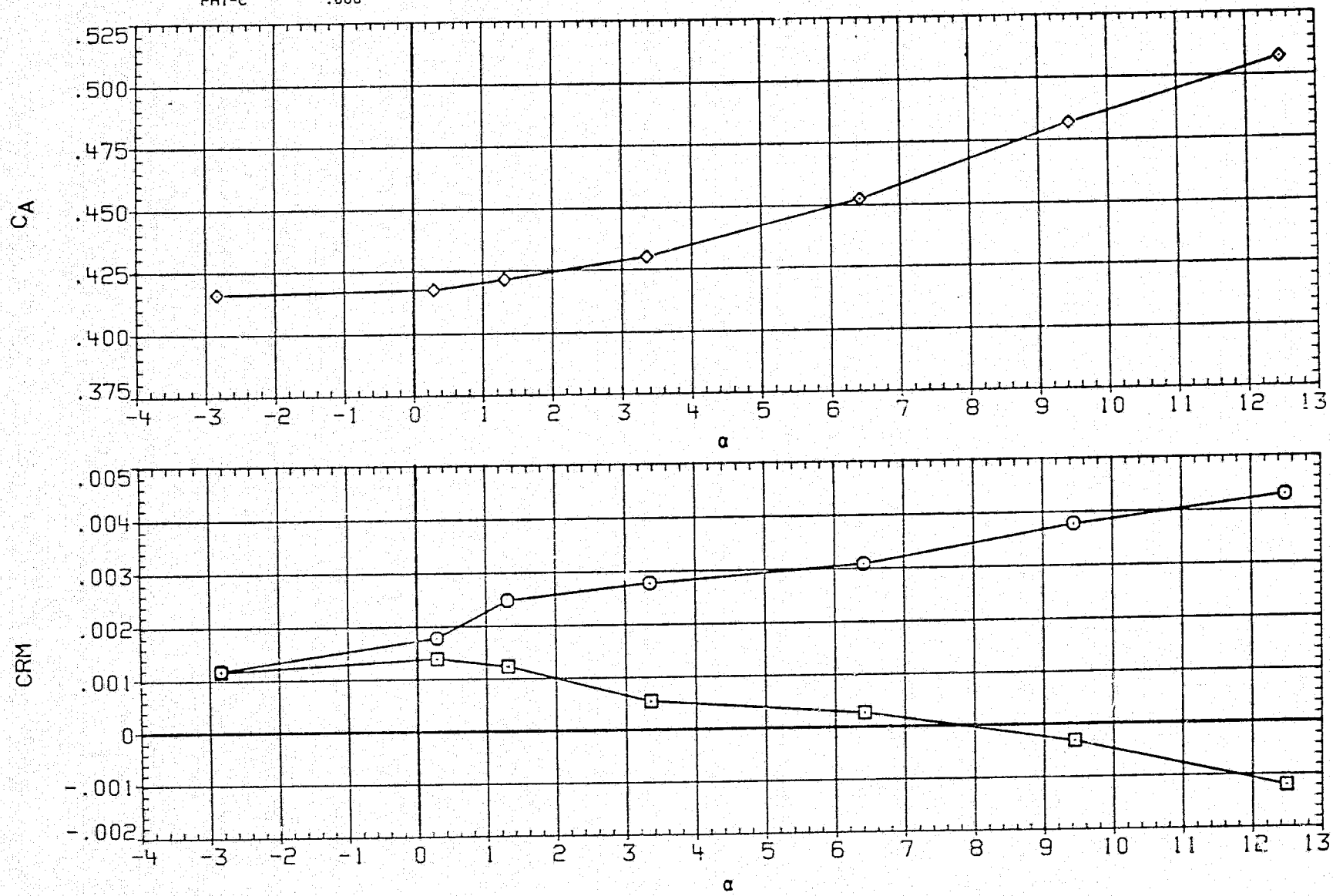



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ278) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.397 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 6.000 | D4 | 6.000 |
| D1-3 | .000 | D2-4 | 6.000 |
| PHI-C | .000 | | |

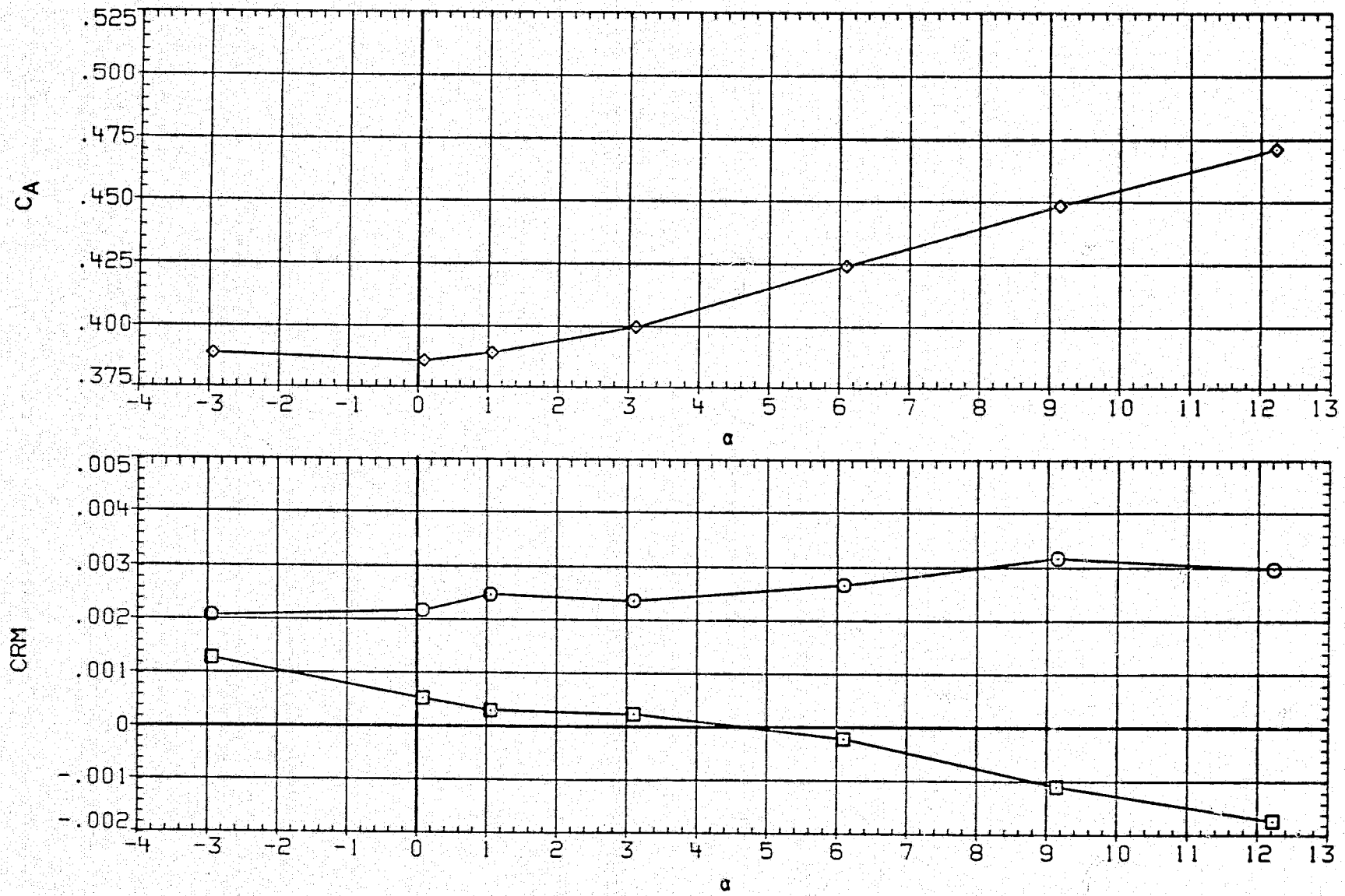
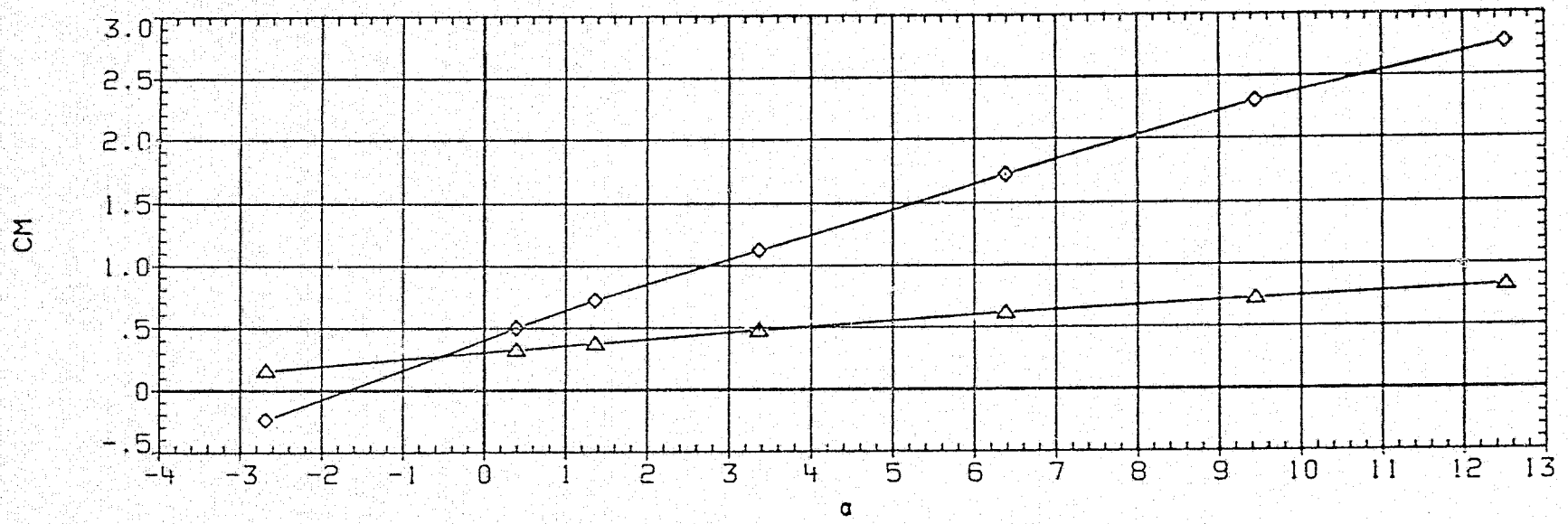



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ279) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.495 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 9.000 | D4 | 9.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | | |



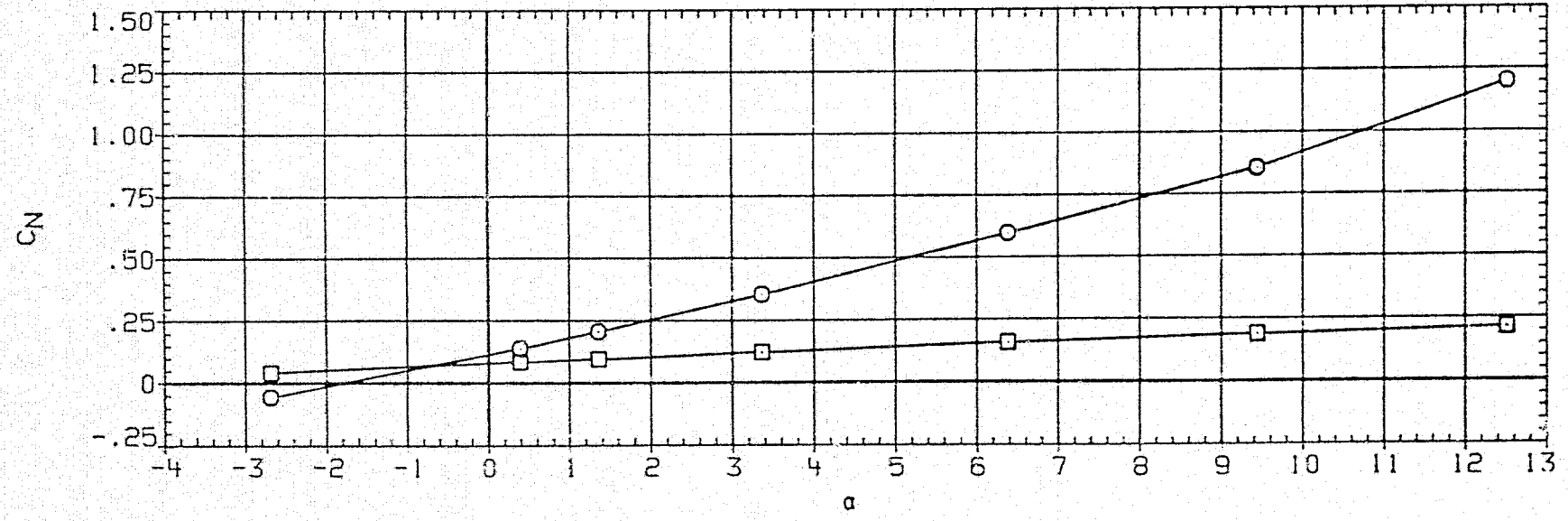




FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ279) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.998 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 9.000 | D4 | 9.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | | |

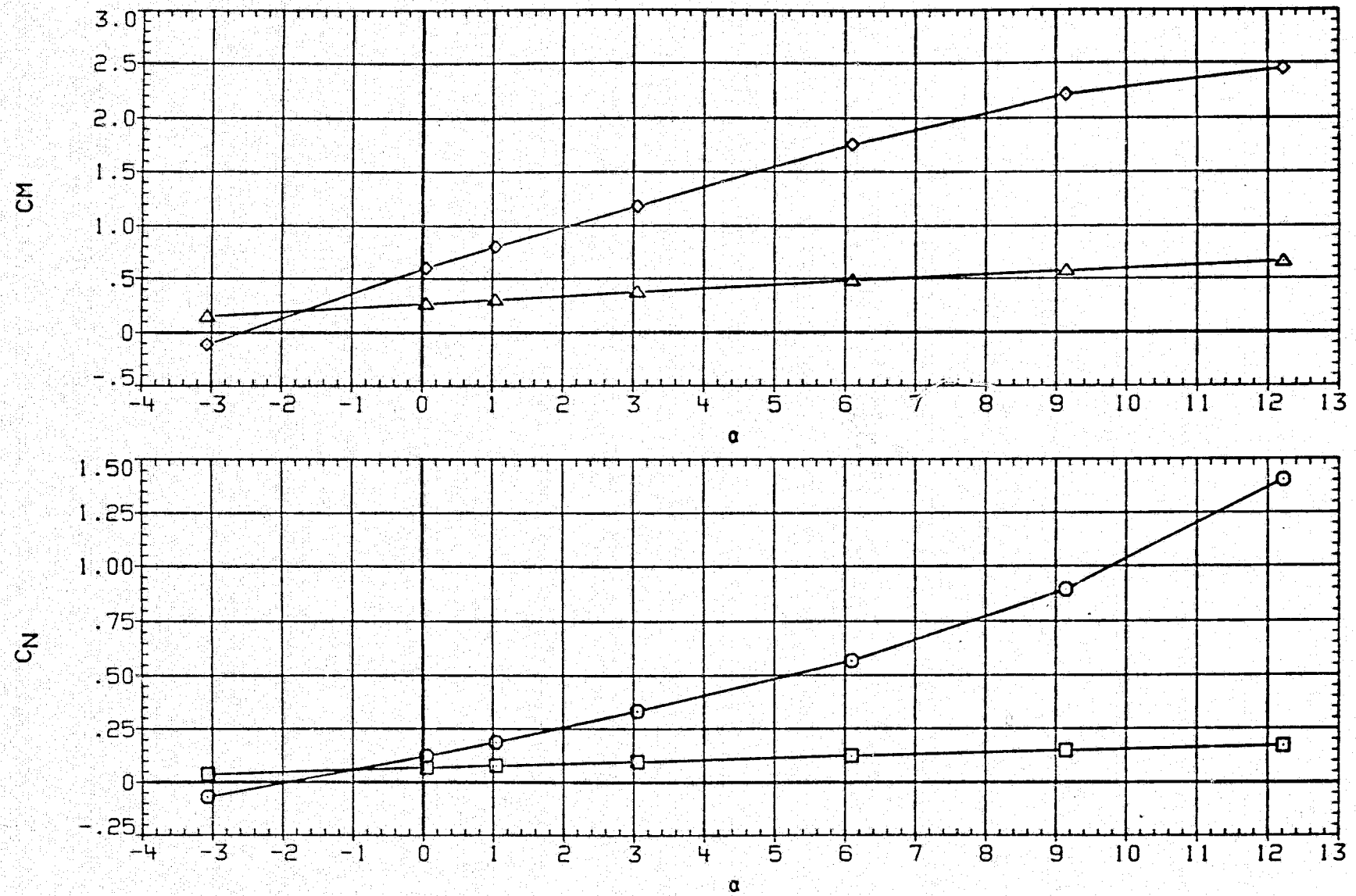



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ279) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.495 | 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 | | |

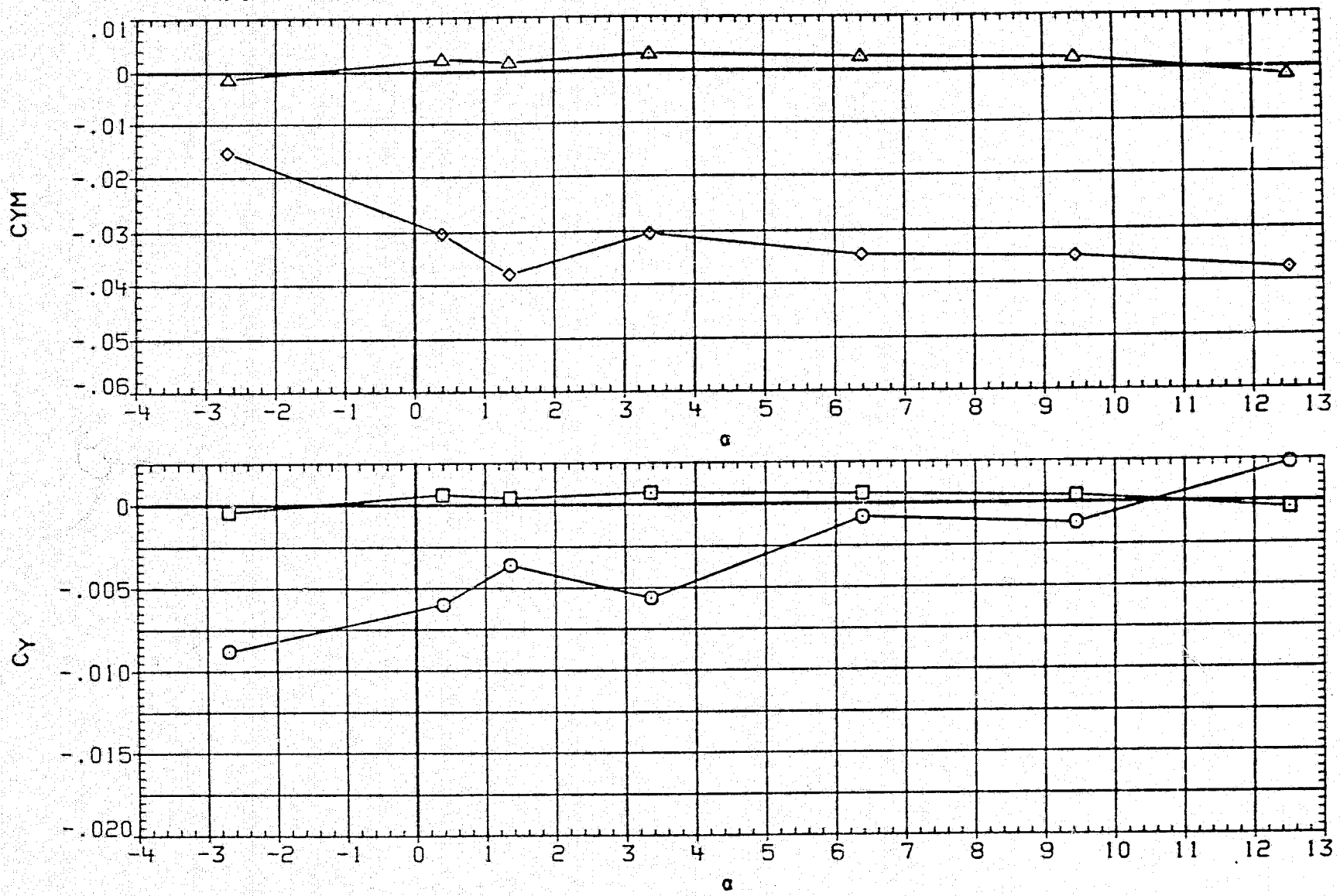
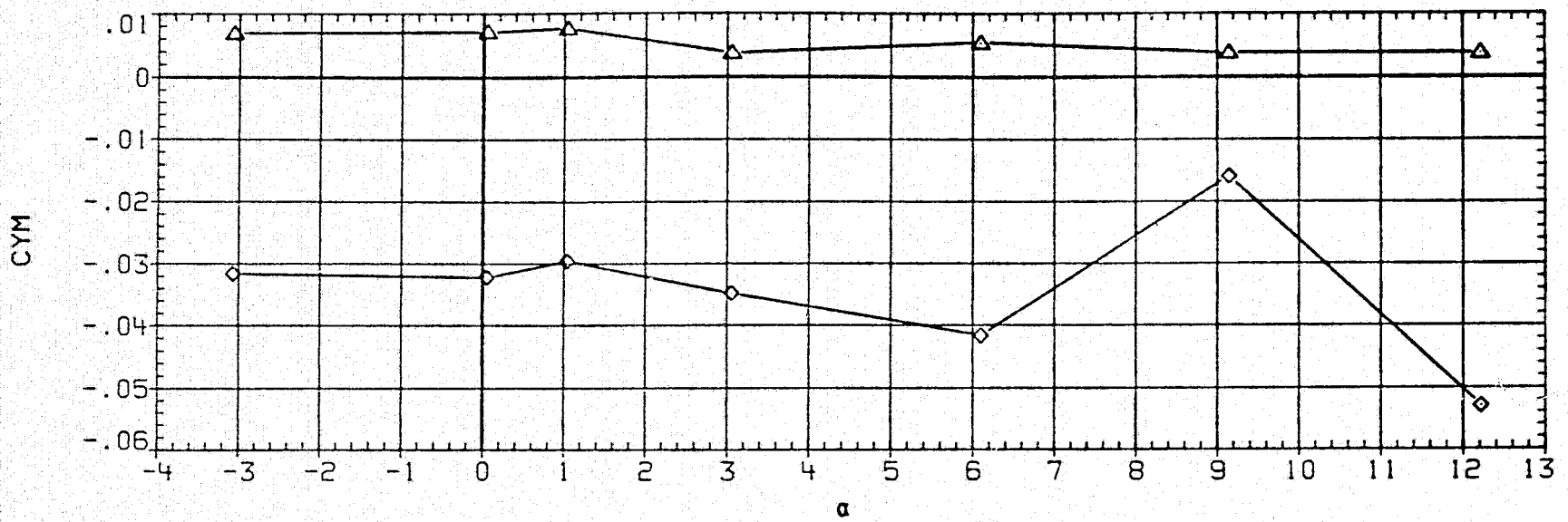



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ279) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.998 | 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 | | |



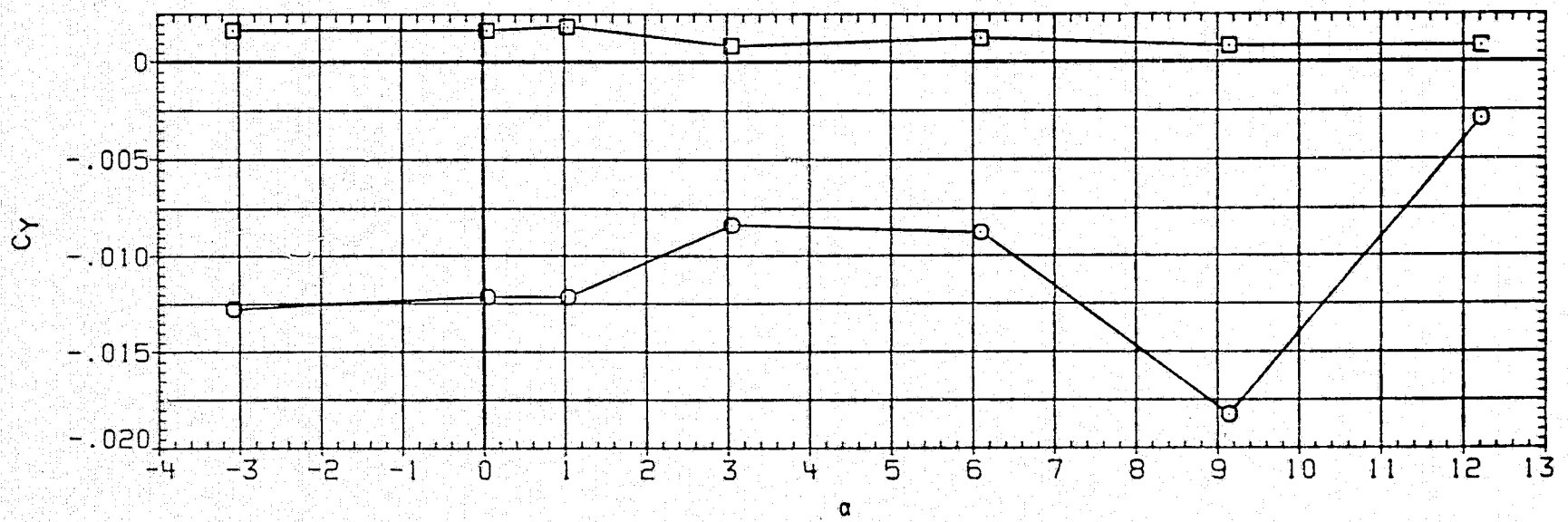




FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ279) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.495 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 9.000 | D4 | 9.000 |
| | | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | | |

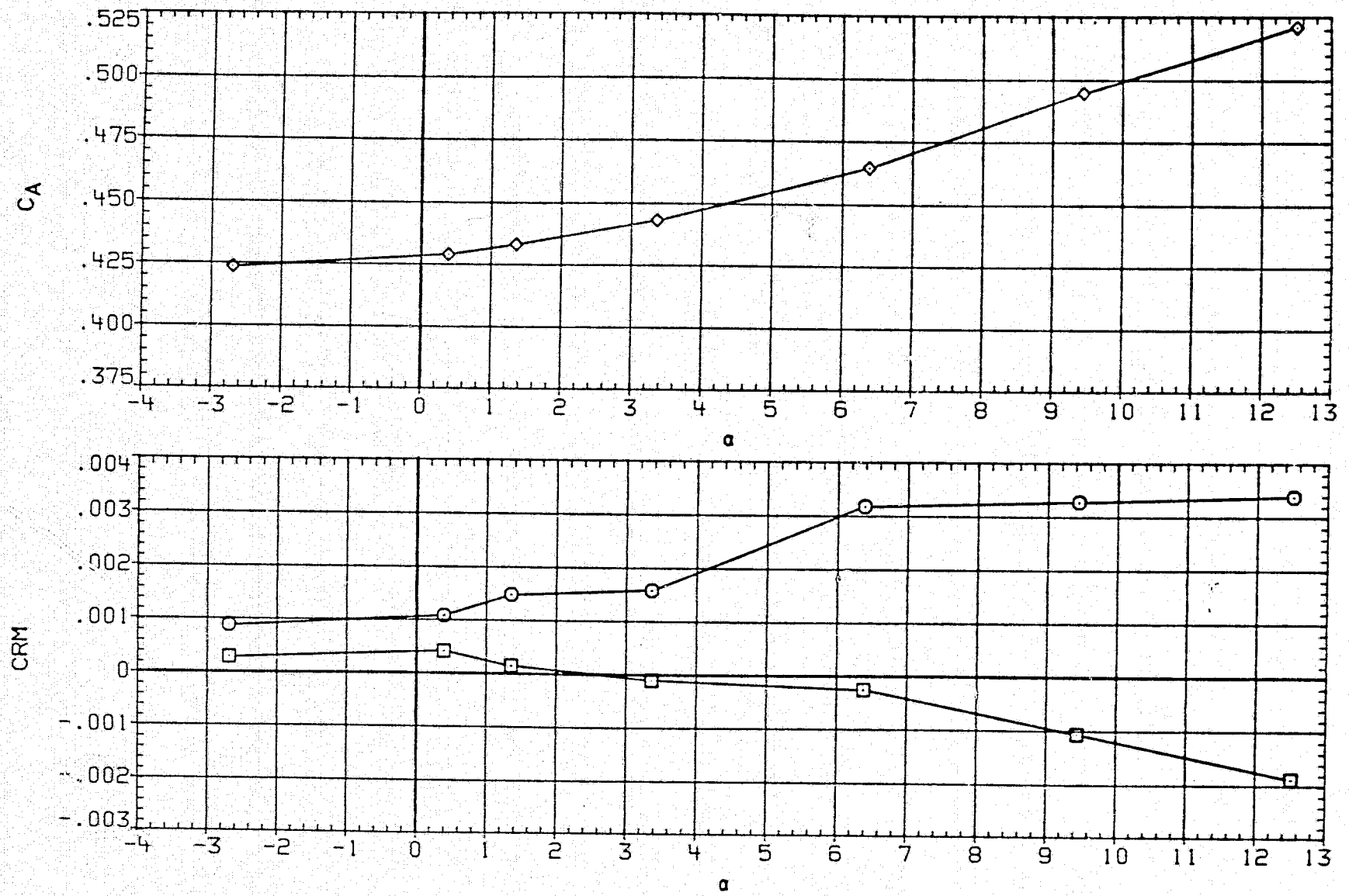



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ279) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMB |
| ◇ | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.999 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 9.000 | D4 | 9.000 |
| D1-3 | .000 | D2-4 | 9.000 |
| PHI-C | .000 | | |

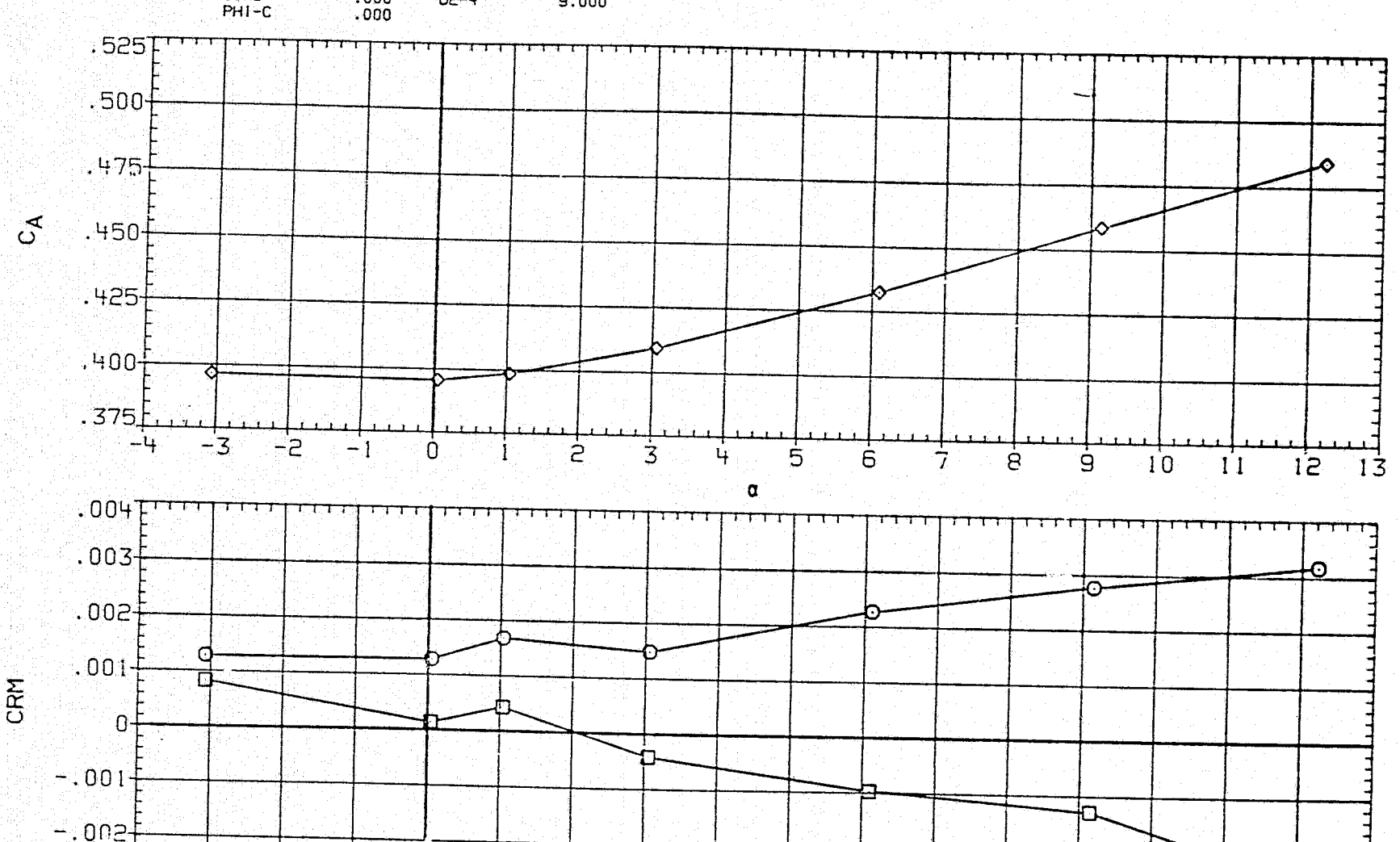



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ280) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNB |
| ◇ | CM |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.500 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 12.000 | D4 | 12.000 |
| D1-3 | .000 | D2-4 | 12.000 |
| PHI-C | .000 | | |

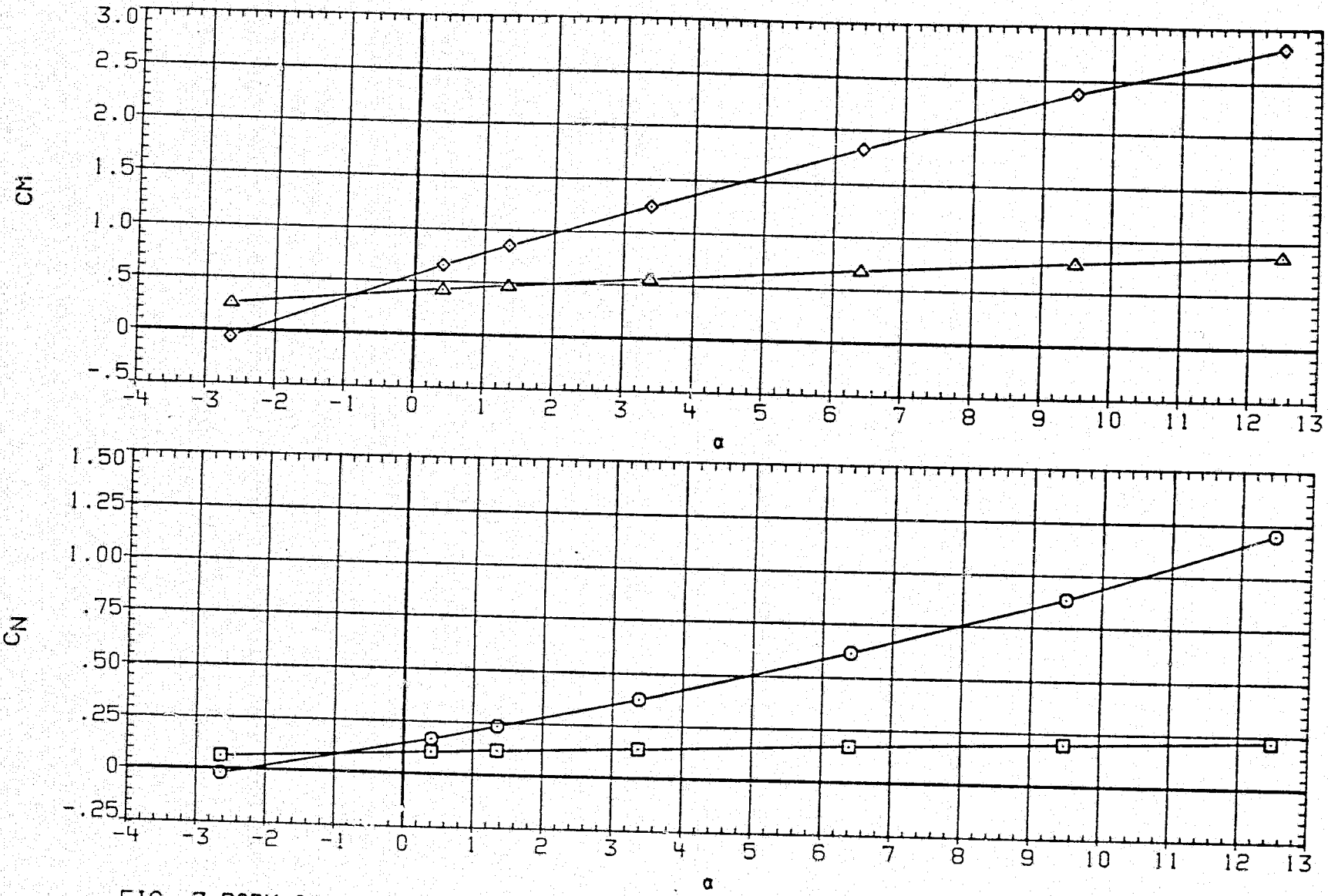



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ280) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.995 | BETA | .000 |
| □ | CNB | D1 | .000 | D3 | .000 |
| ◇ | CM | D2 | 12.000 | D4 | 12.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | | |

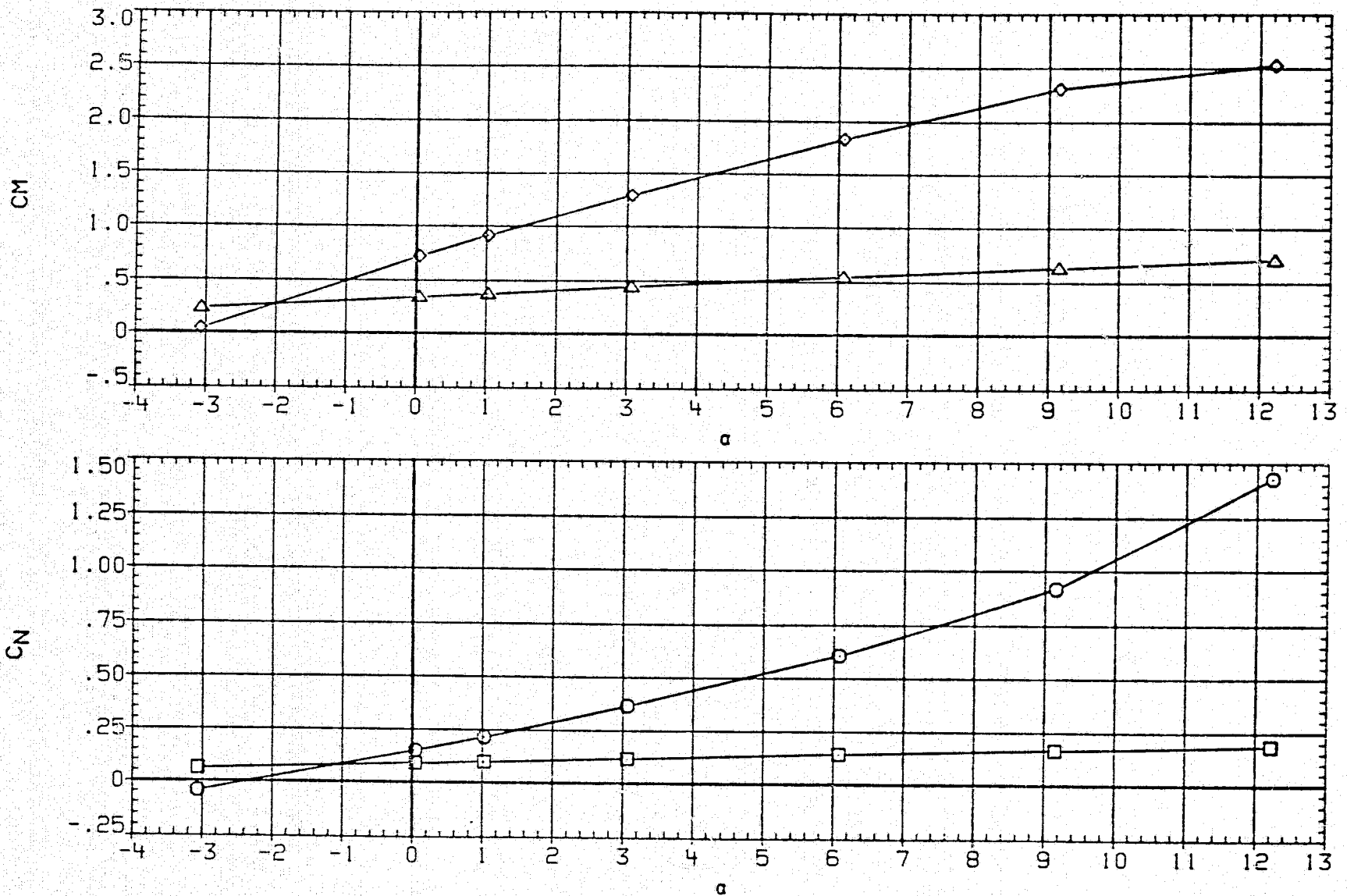



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ280) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.500 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 12.000 | D4 | 12.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | | |

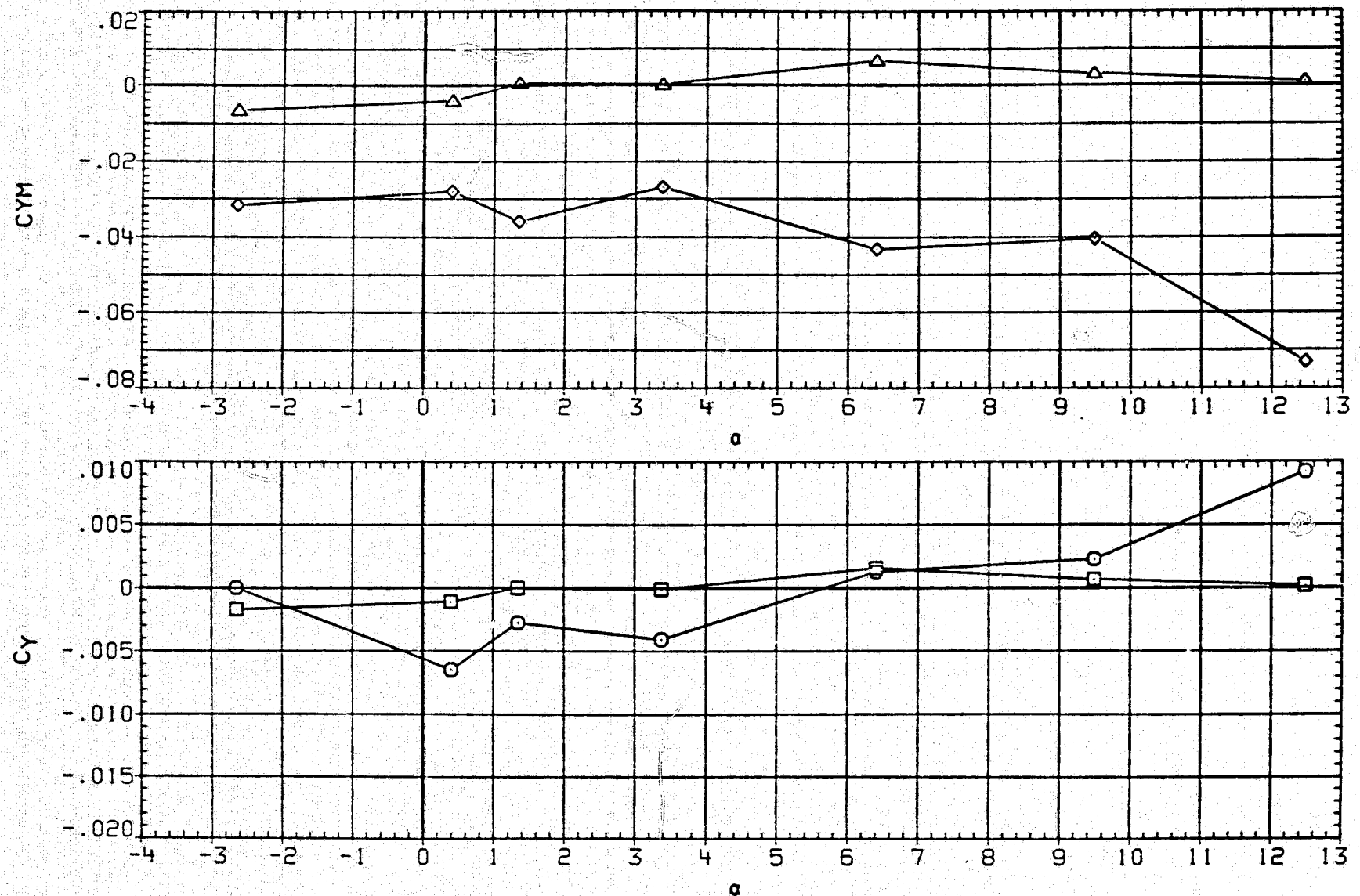



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ280) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.595 | BETA | .000 |
| □ | CYB | D1 | .000 | D3 | .000 |
| ◇ | CYM | D2 | 12.000 | D4 | 12.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | | |

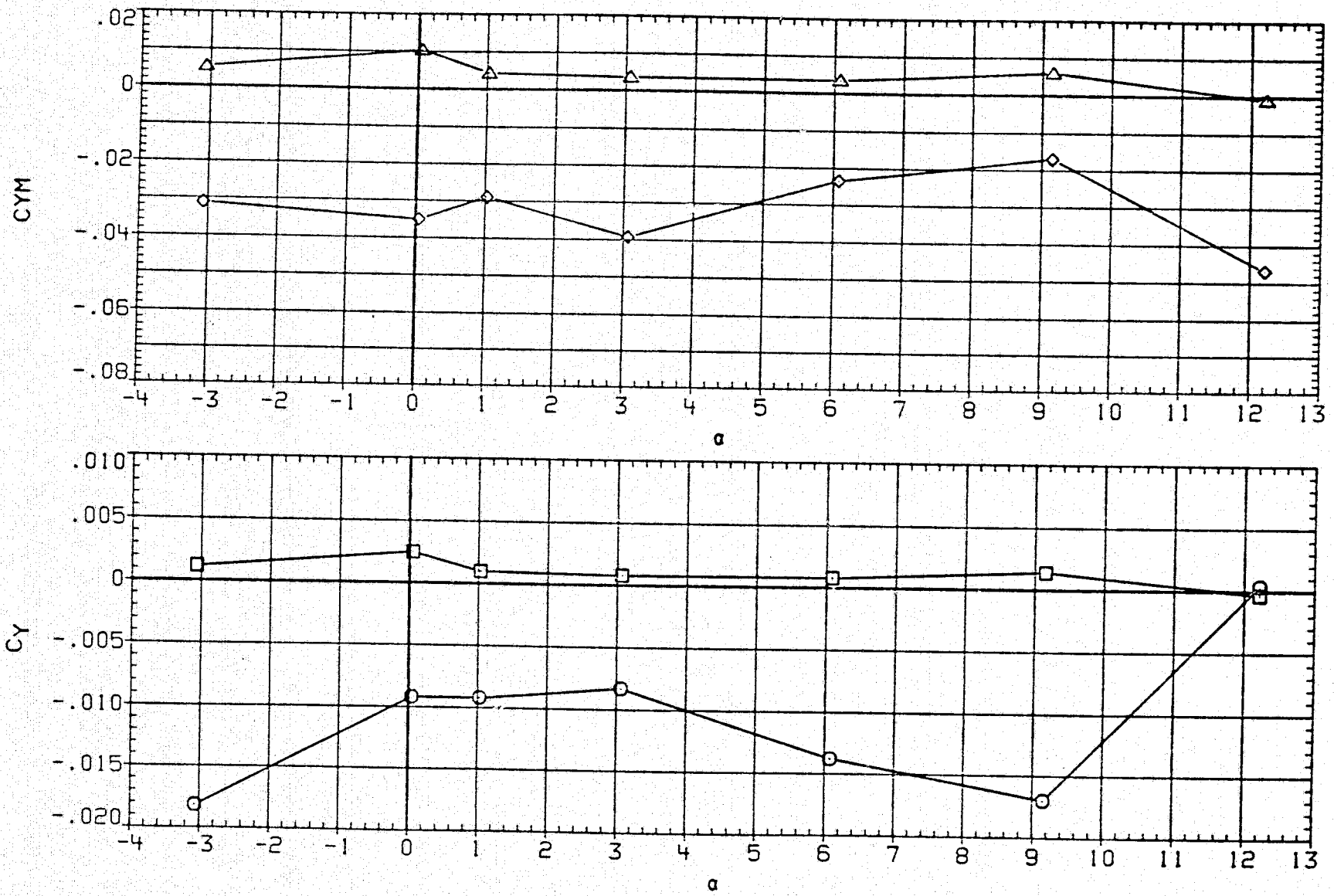



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ280) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.500 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 12.000 | D4 | 12.000 |
| | | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | | |

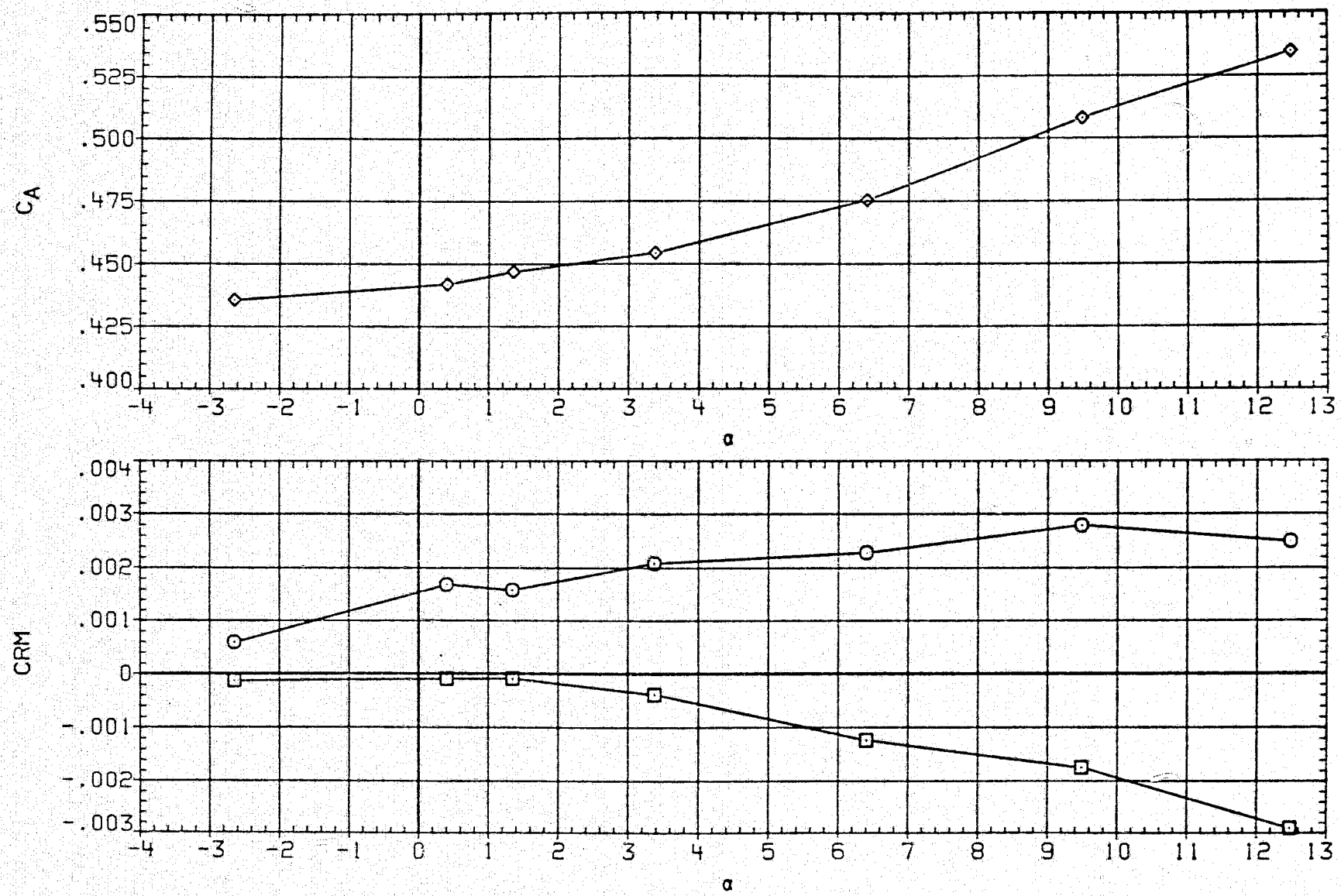



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ280) CONFIGURATION 19 (BN2C3)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.995 | BETA | .000 |
| □ | CRMB | D1 | .000 | D3 | .000 |
| ◇ | CA | D2 | 12.000 | D4 | 12.000 |
| | | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | | |

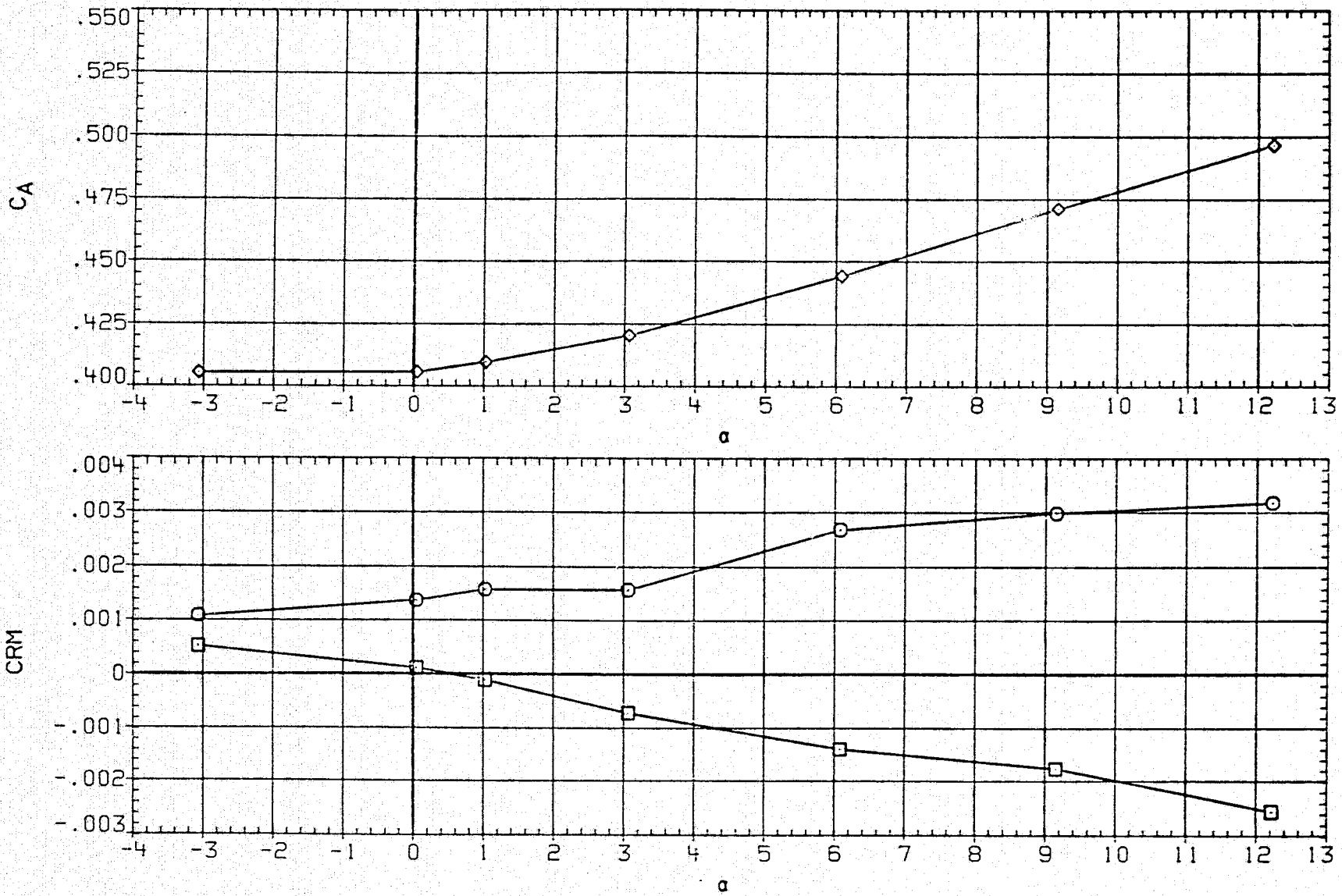



FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ093) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.503 | 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 |

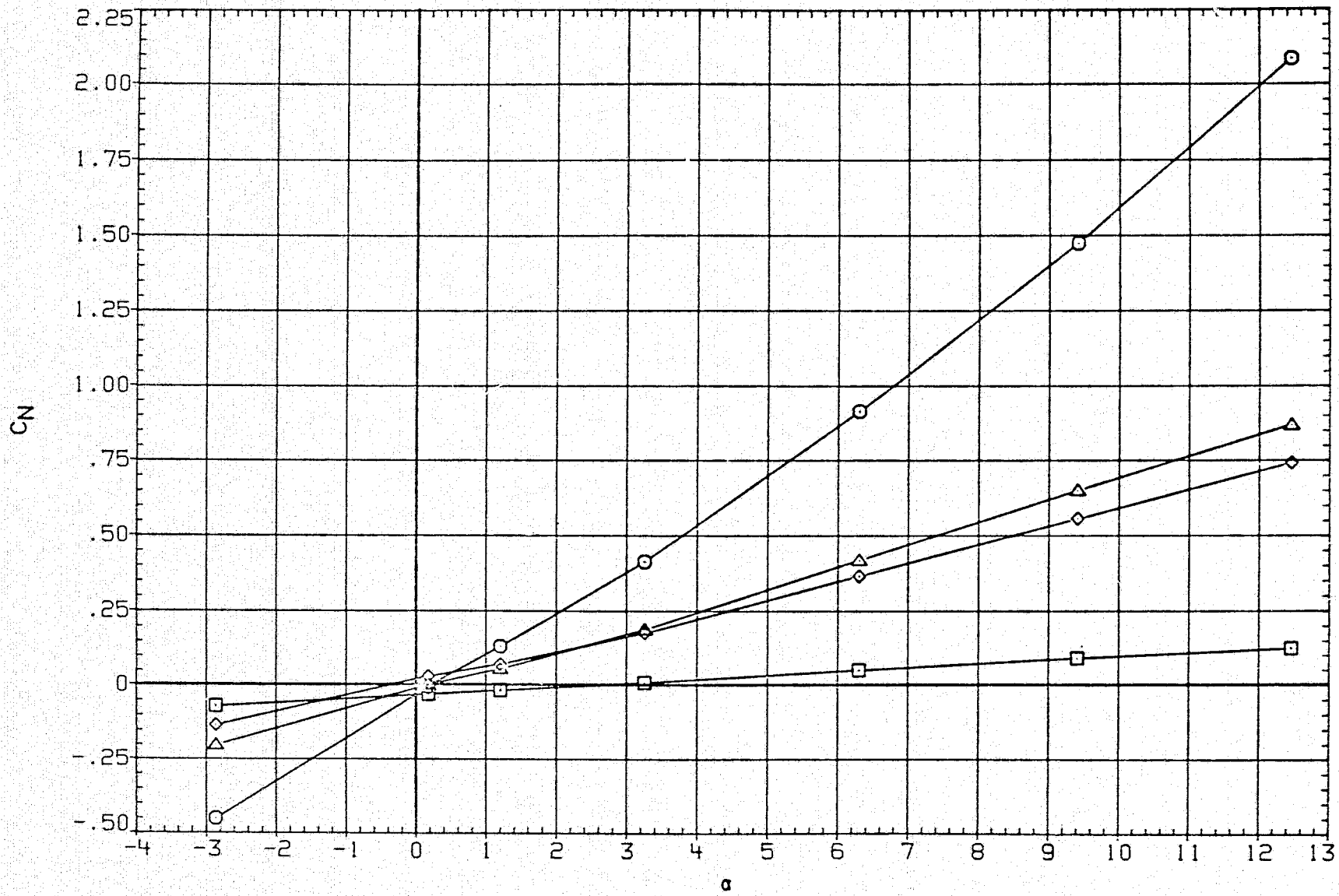



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

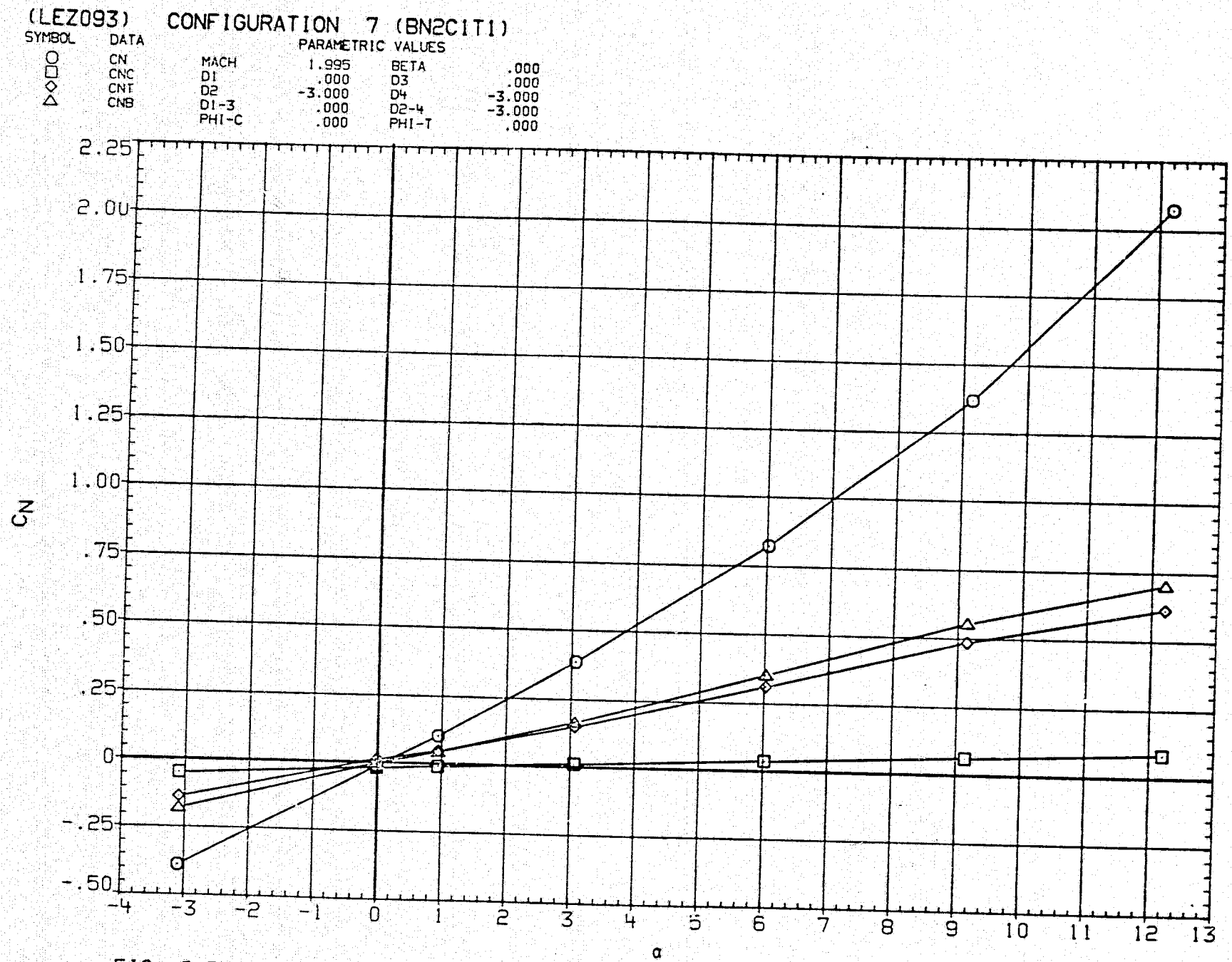



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

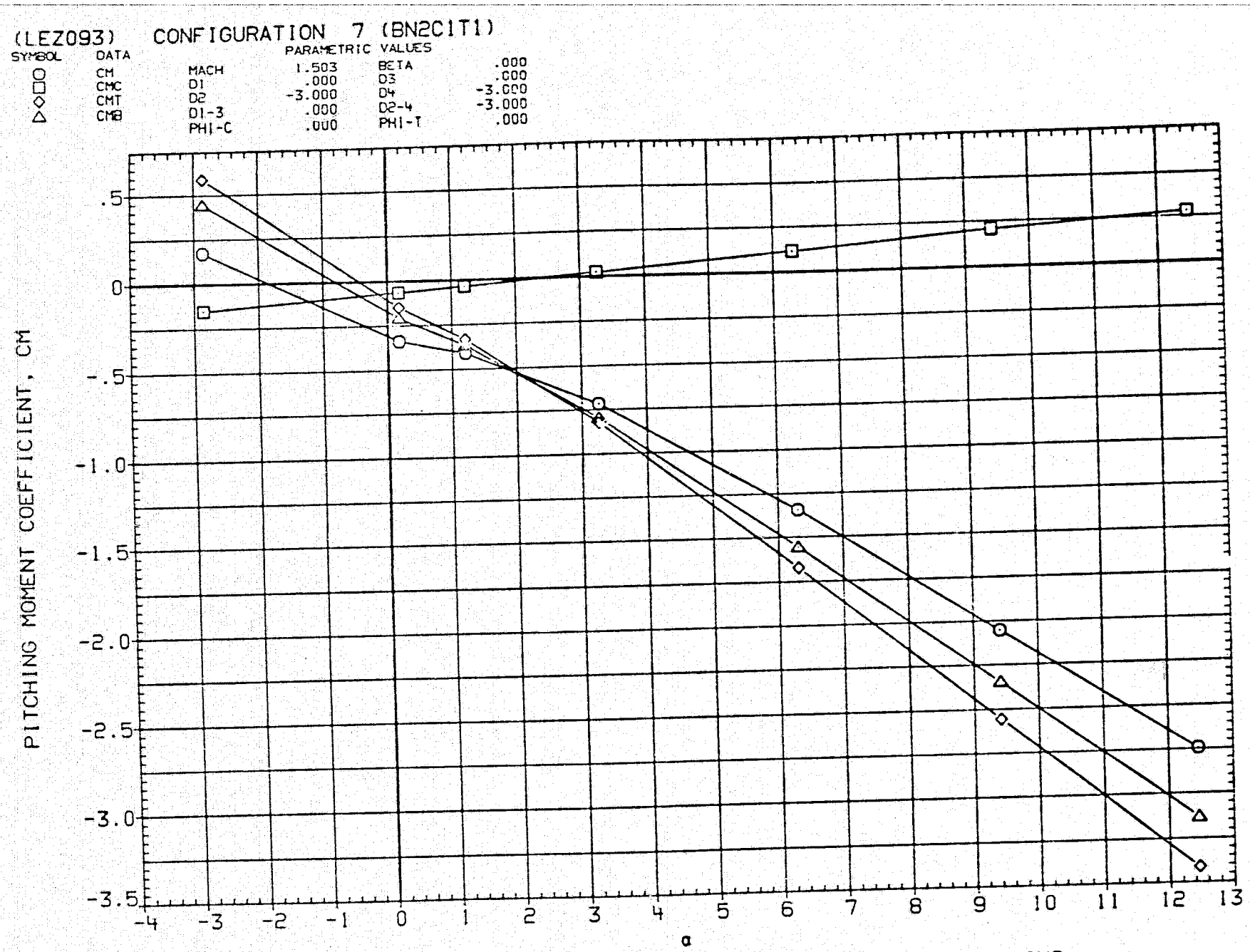



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ093) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.995 | 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 |

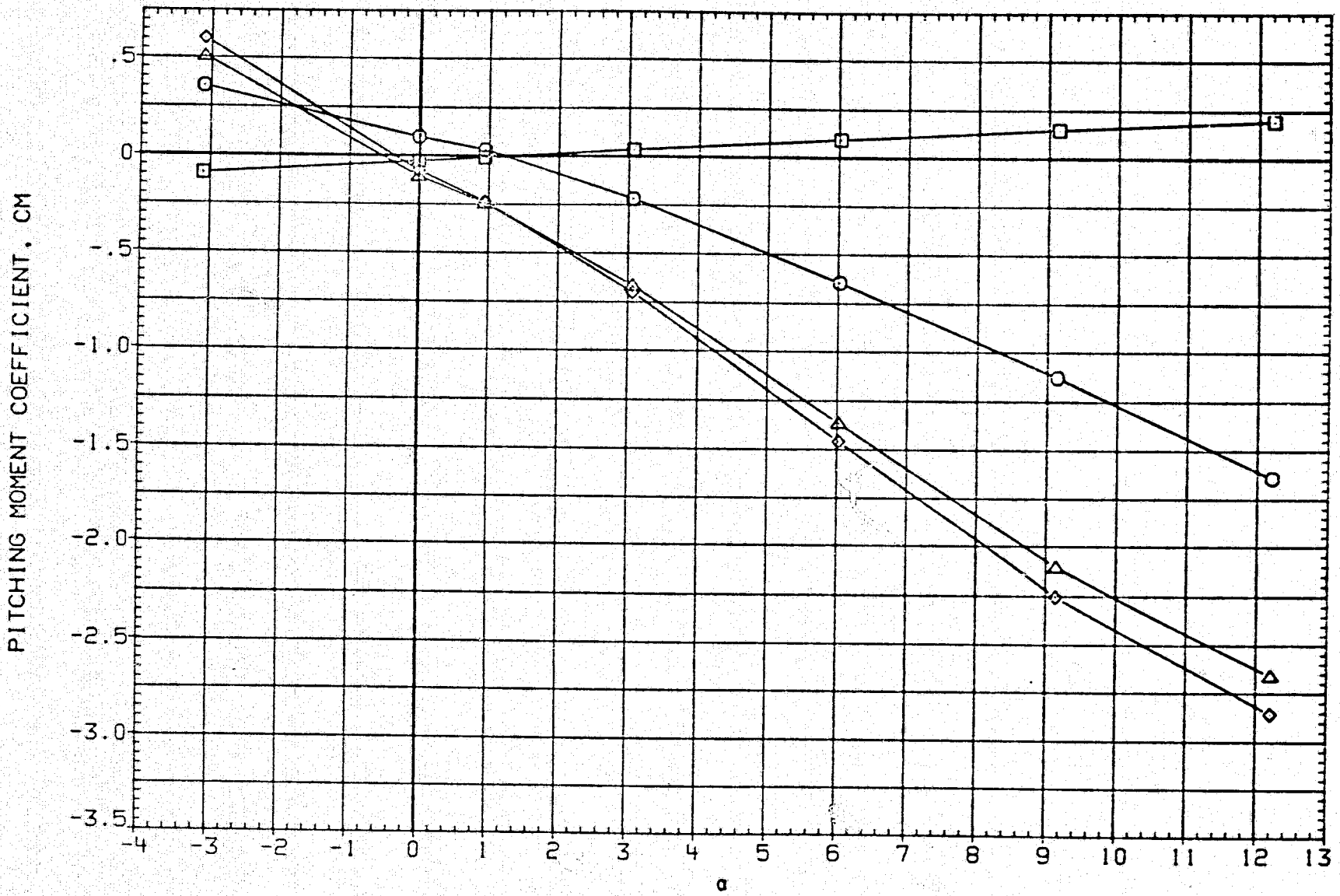



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ093) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 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 |

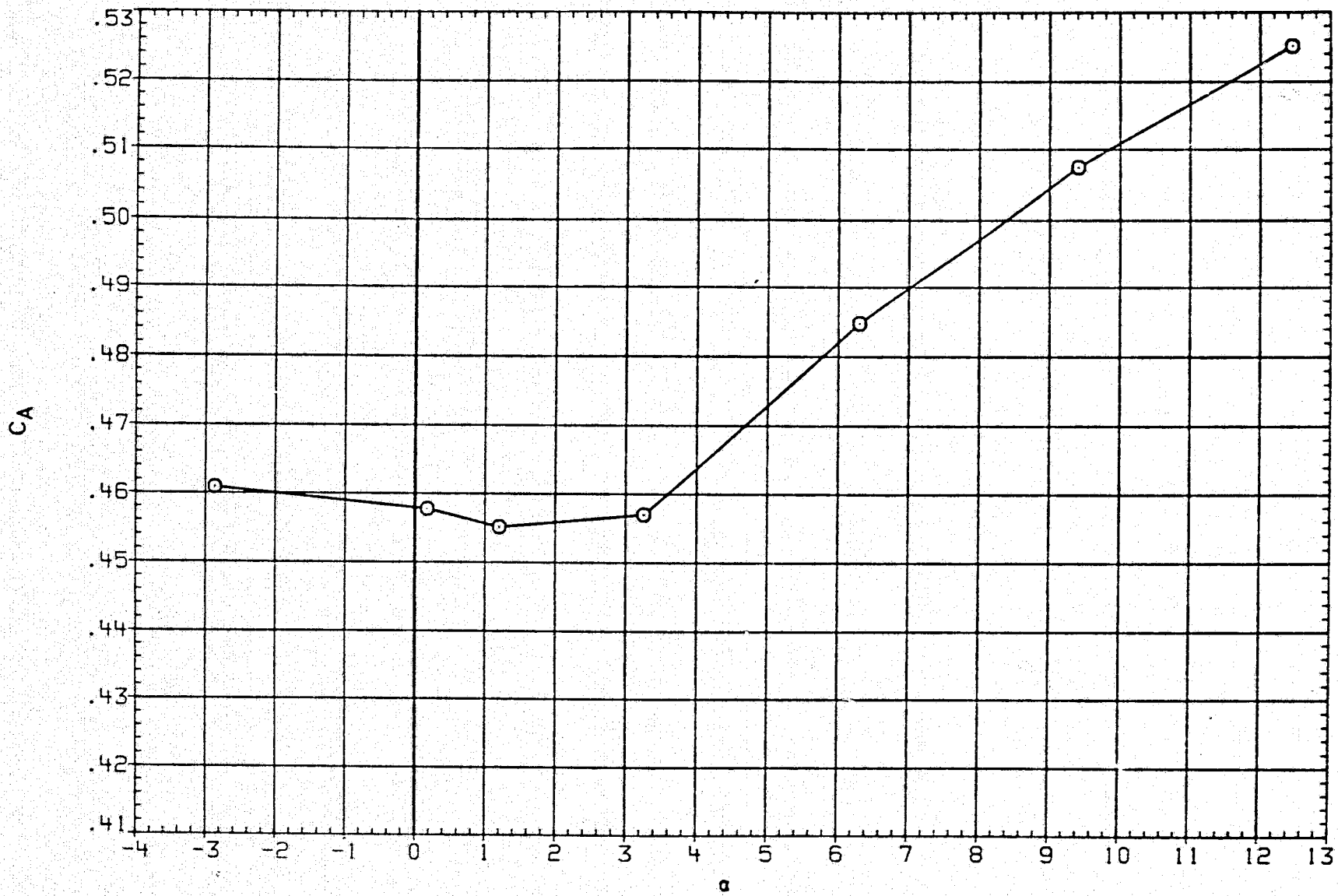



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ093) CONFIGURATION 7 (BN2C:T1)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.995 | 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 |

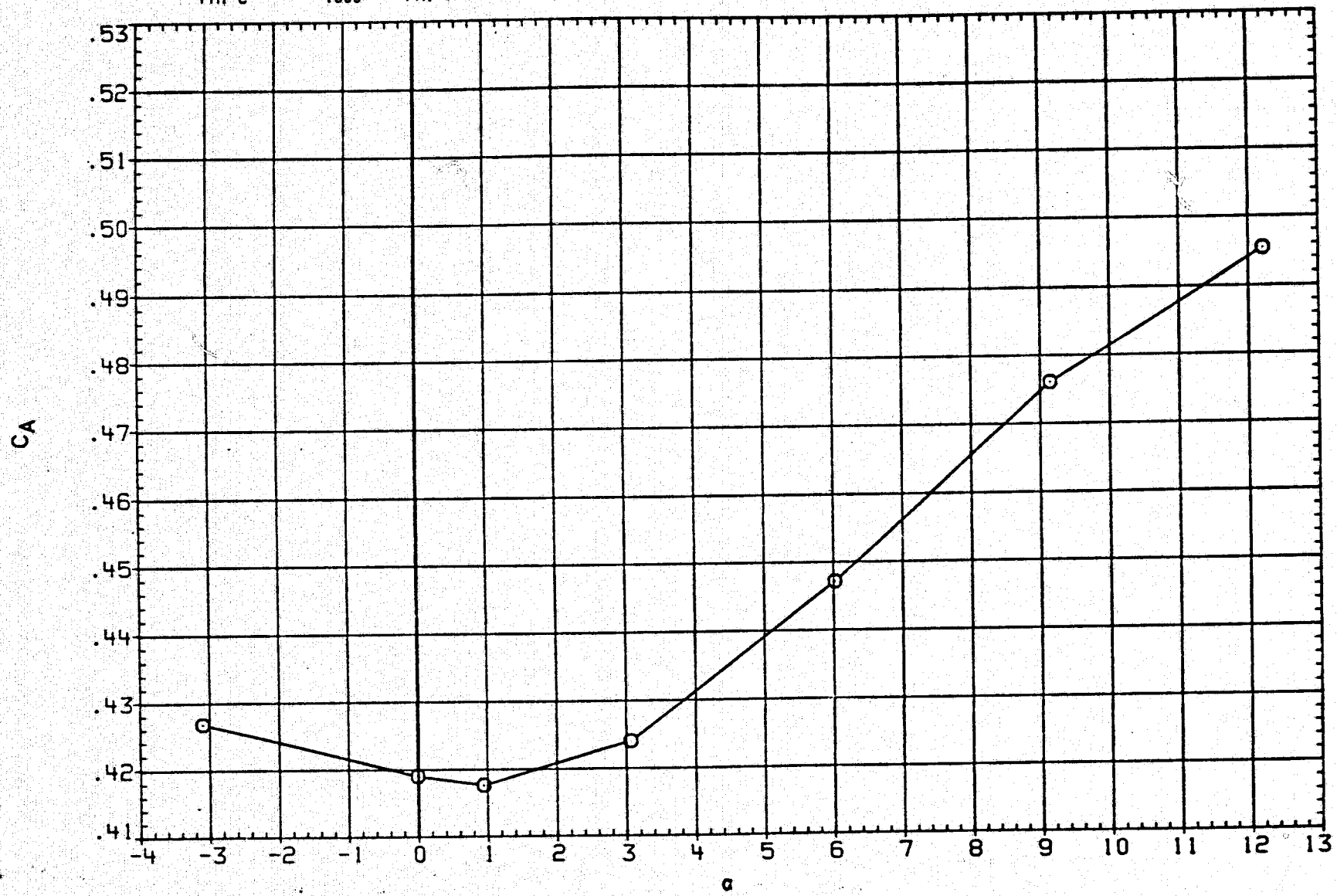



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN2C1T1)

| 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 |

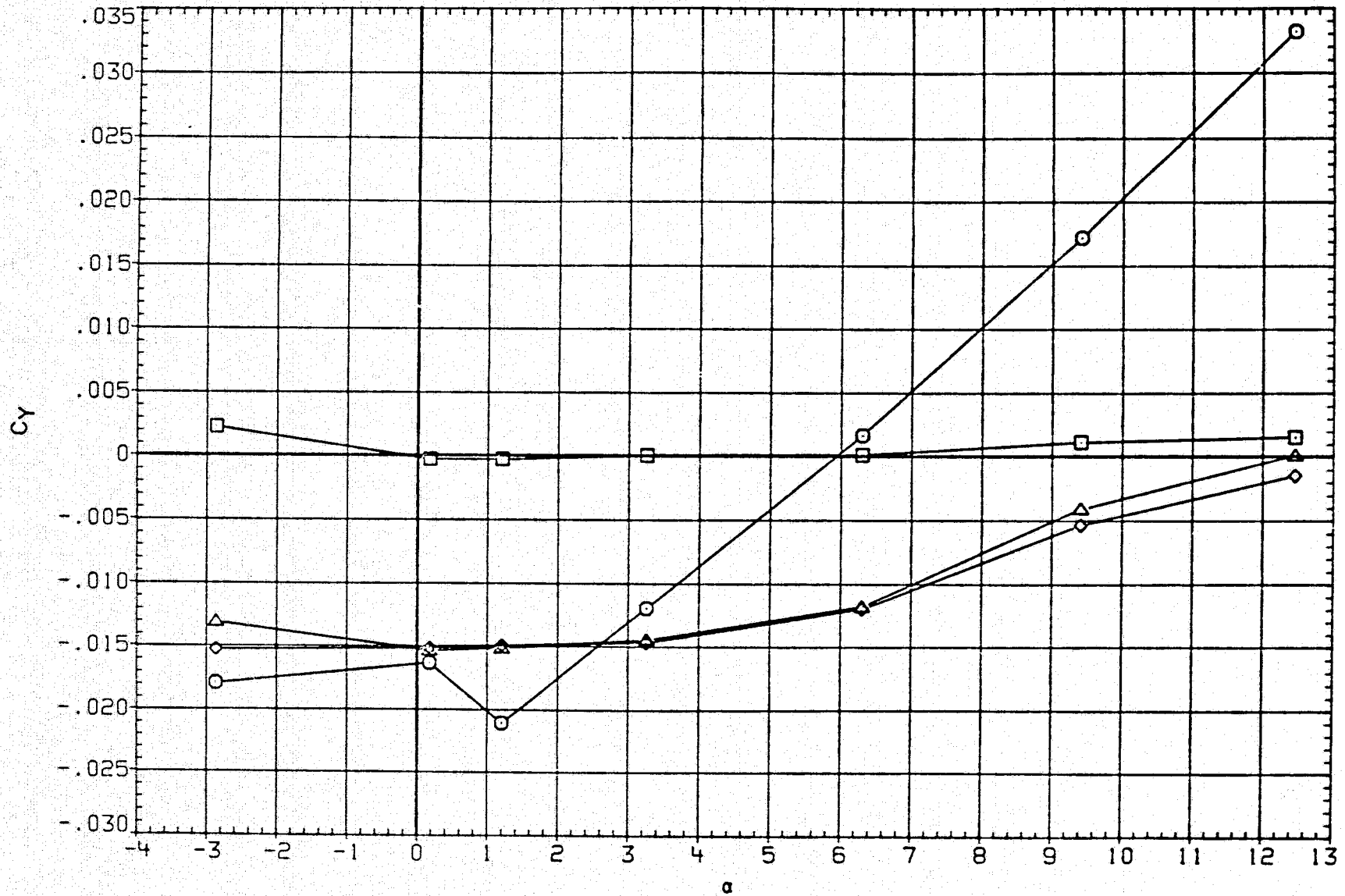



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.995 | 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 |

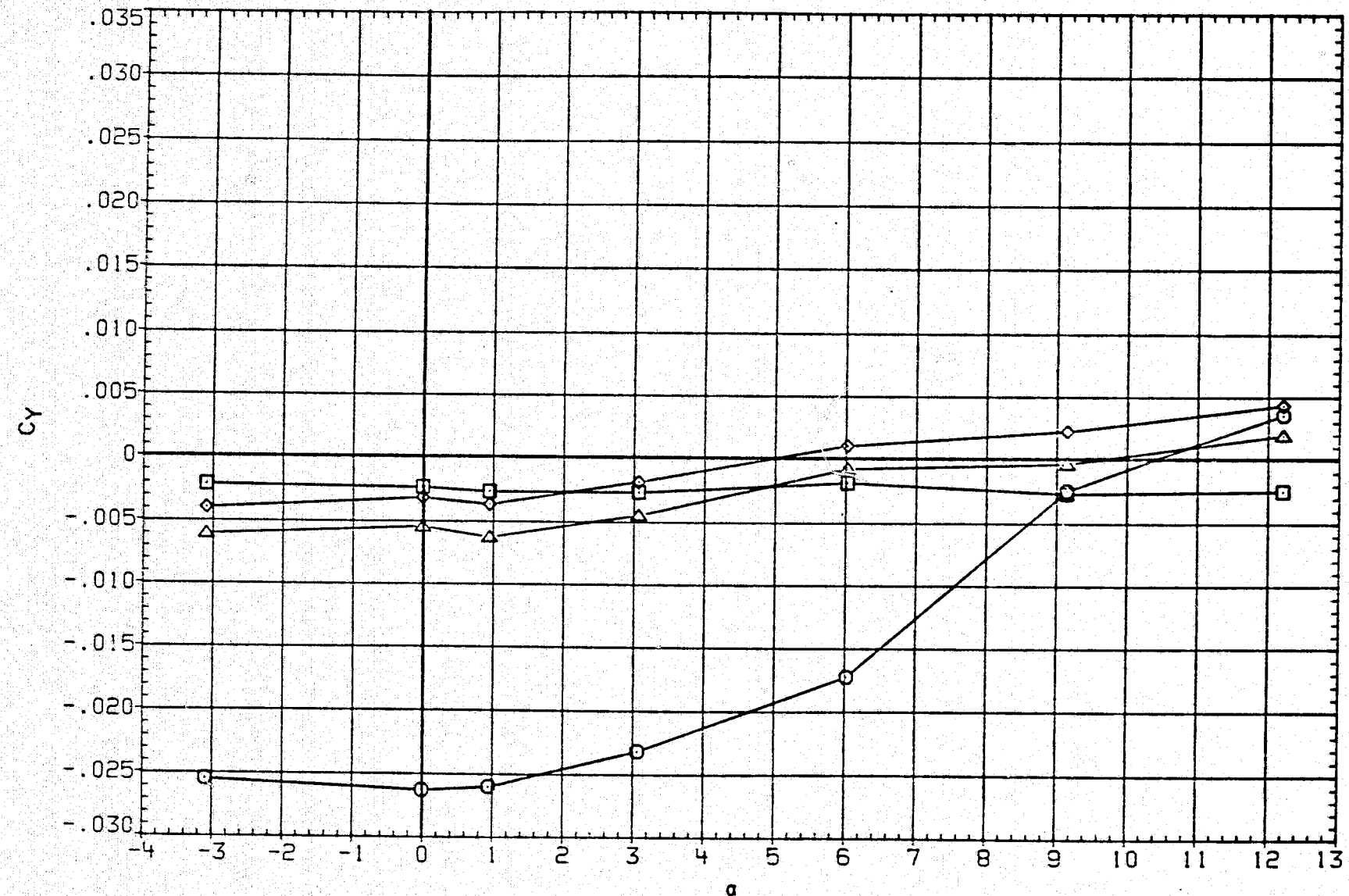



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.503 | 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 |

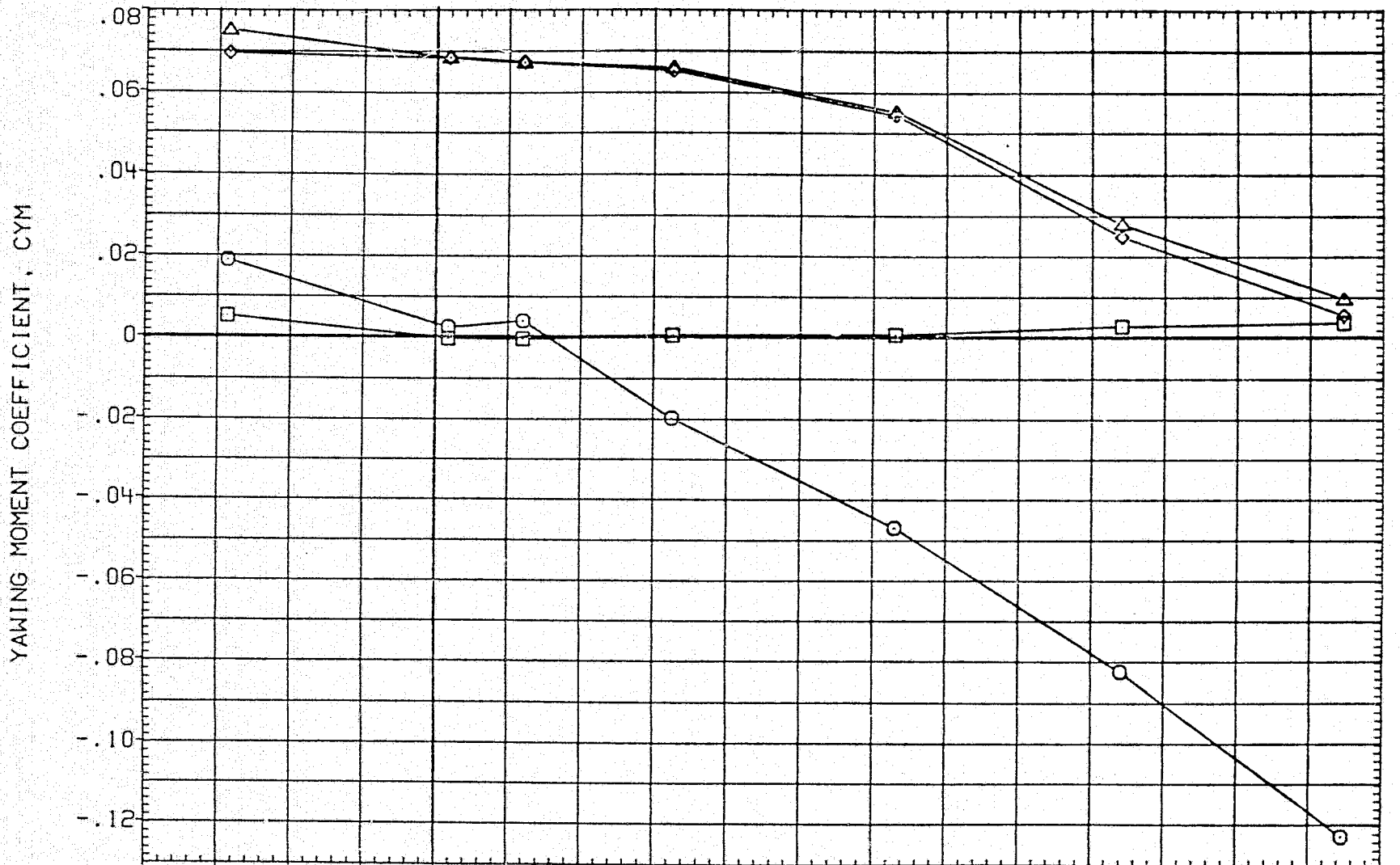



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CYM |
| □ | CYMC |
| ◇ | CYMT |
| △ | CYMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.995 | 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 |

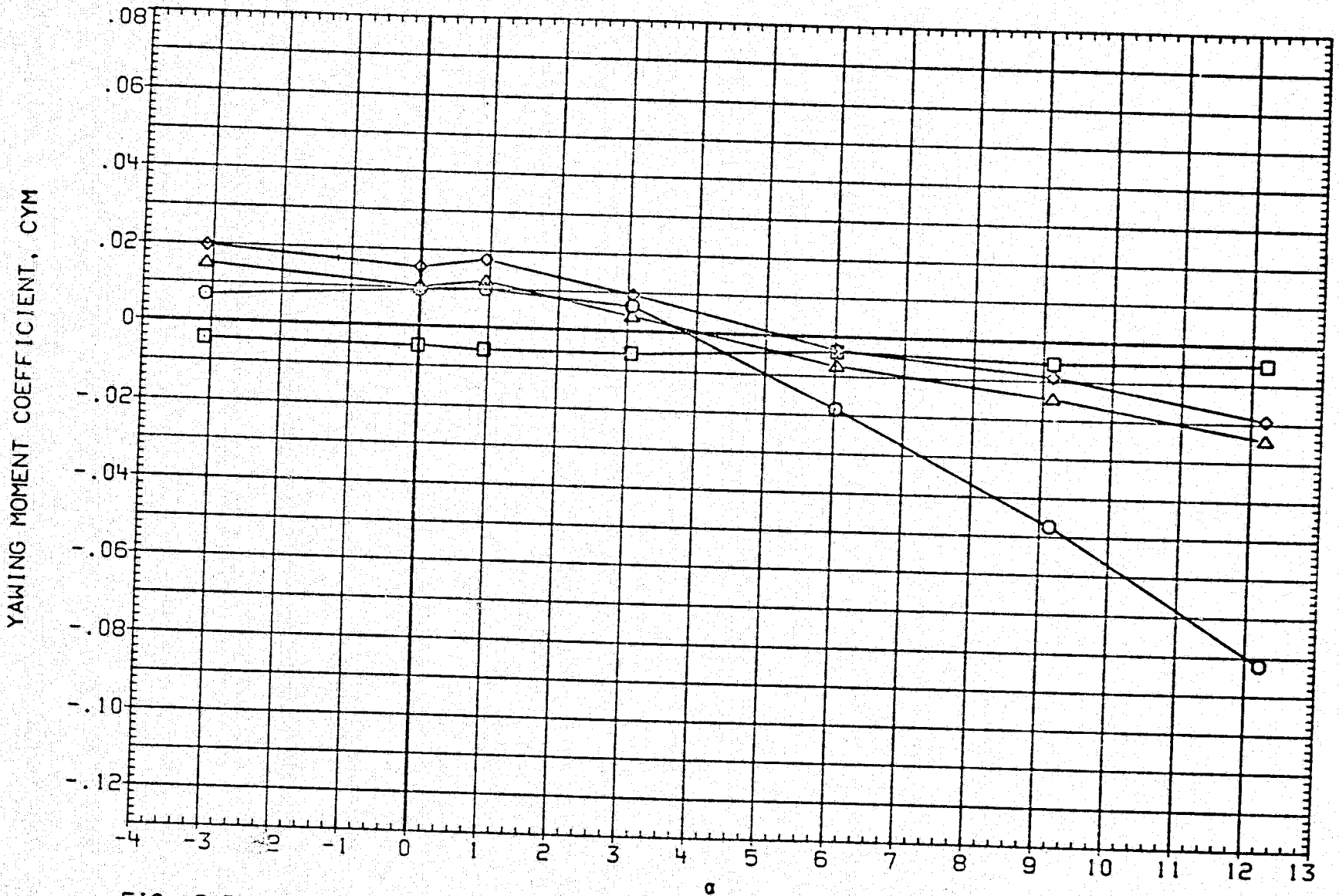



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ093) CONFIGURATION 7 (BN2C1T1)

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

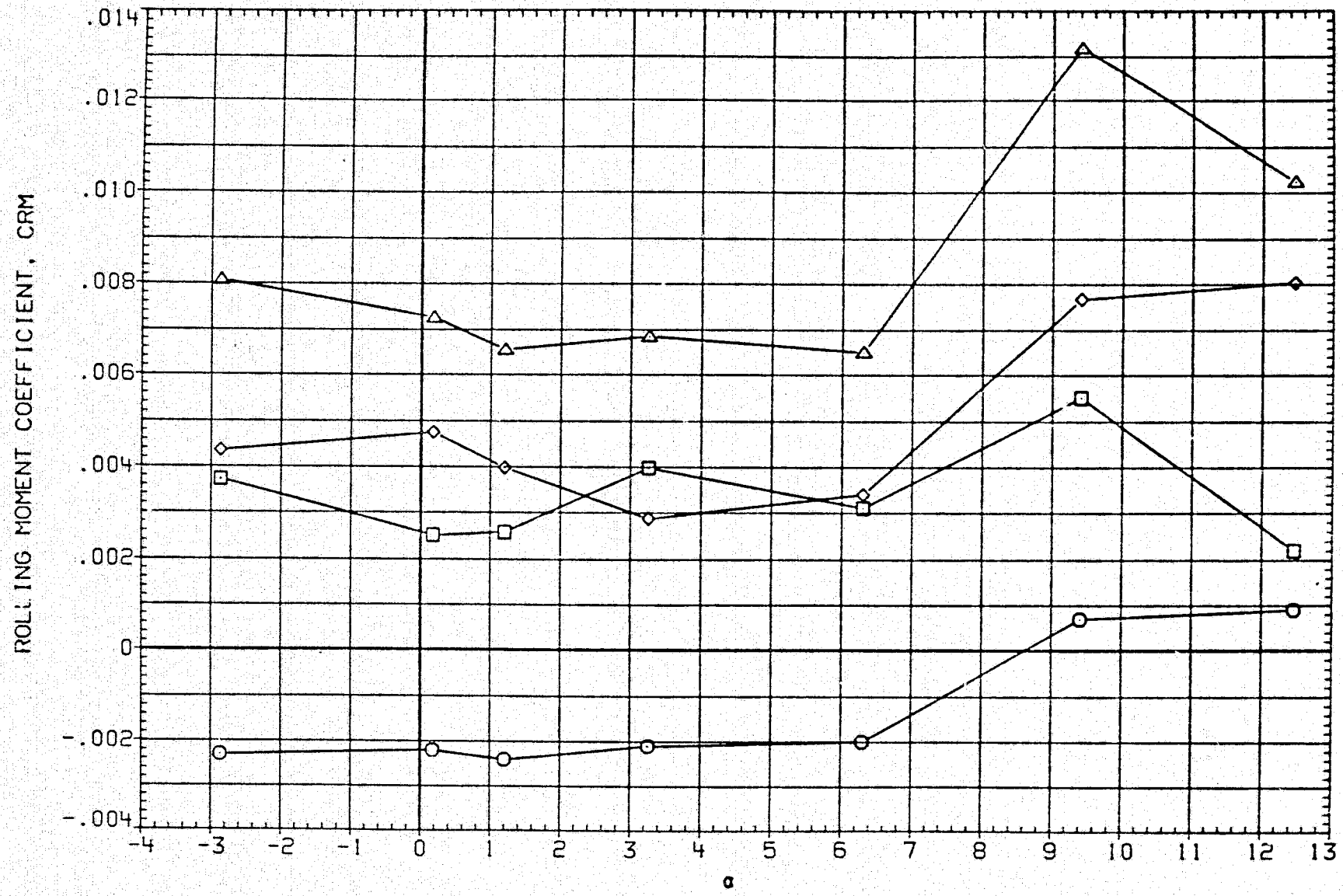



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ093) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.995 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | -3.000 | D4 | -3.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | -3.000 |
| | | PHI-C | .000 | PHI-T | .000 |

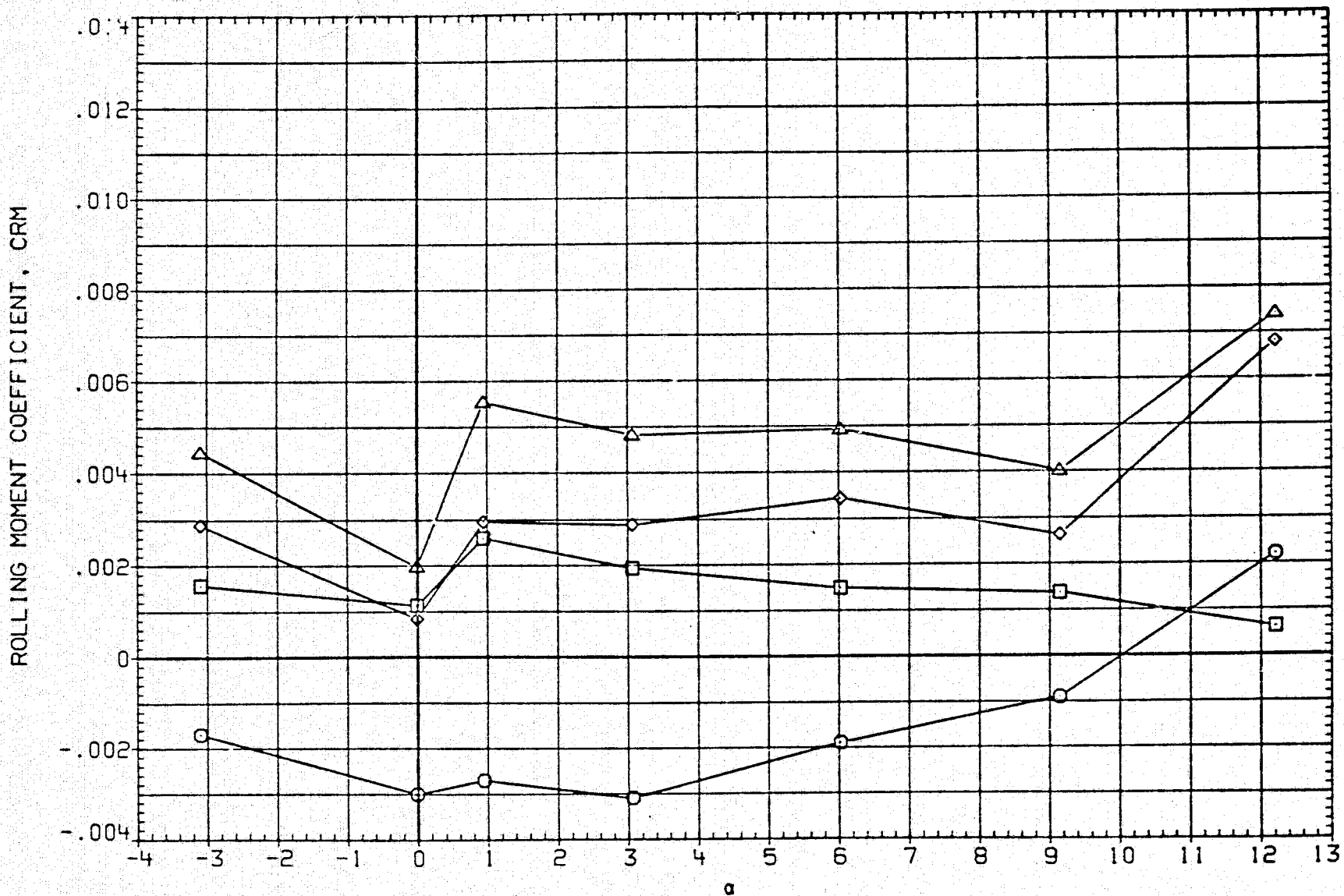



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ094) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.494 | 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 |

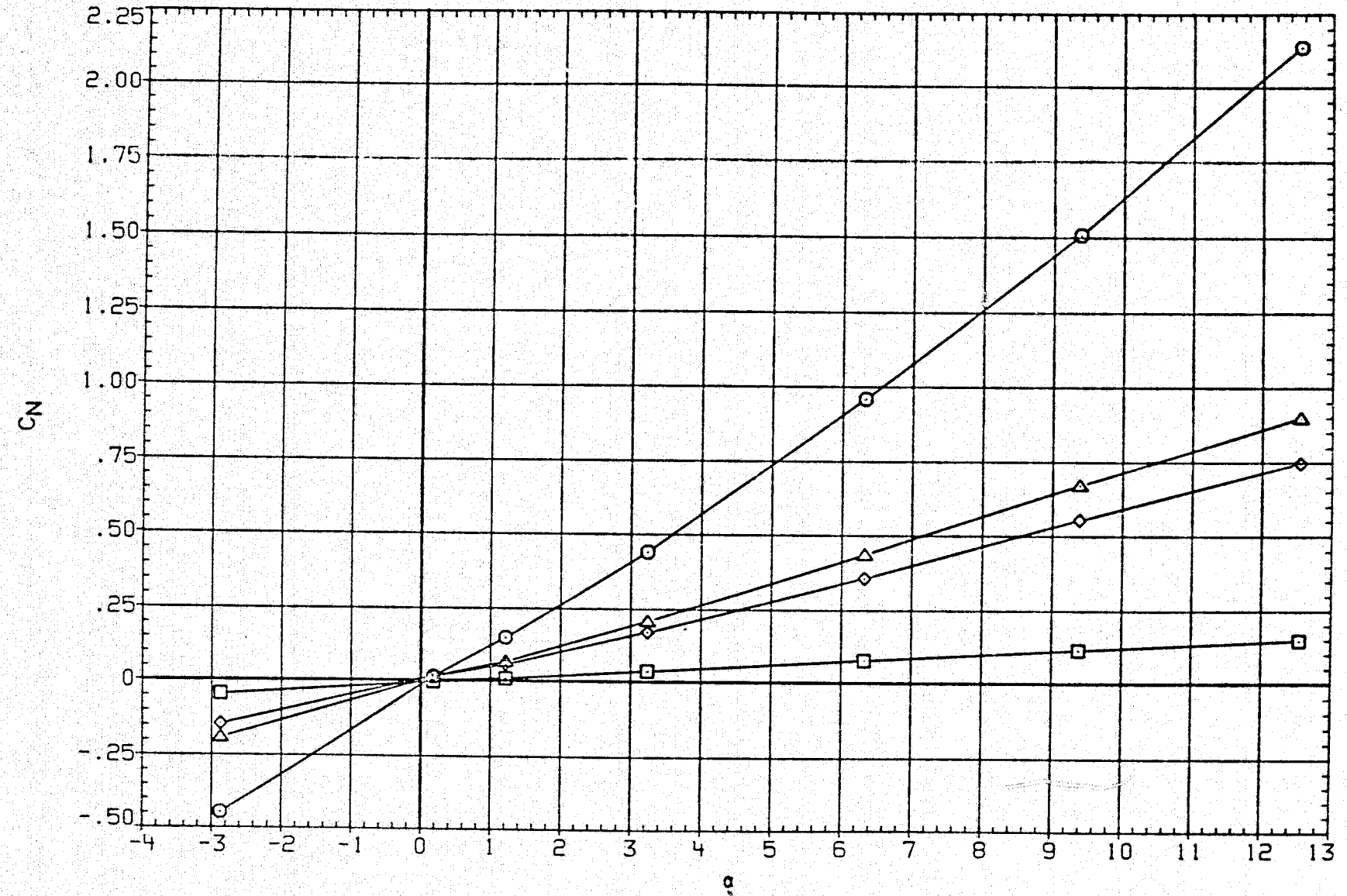



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ094) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.990 | 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 |

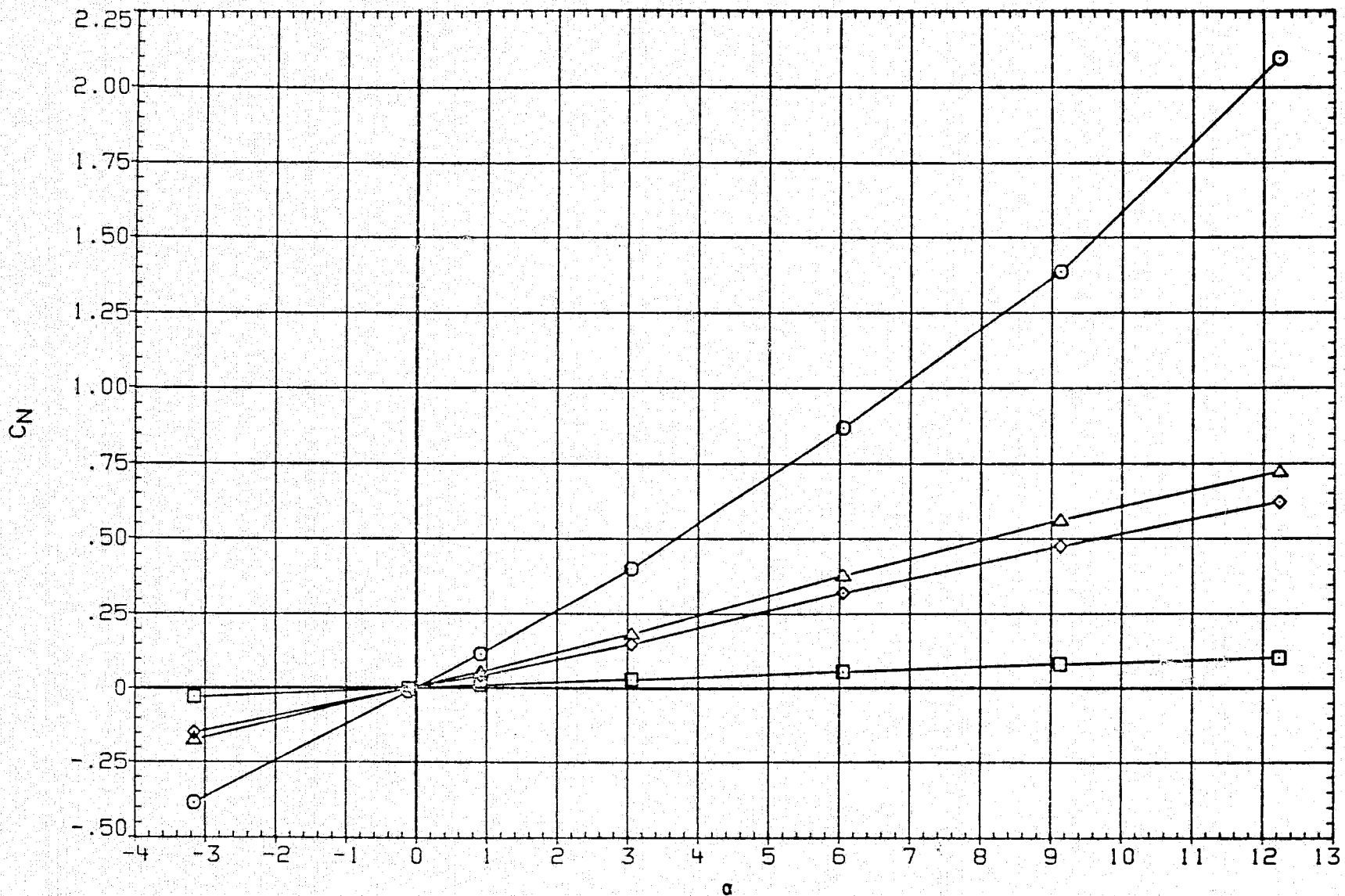



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ094) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.494 | BETA | .000 |
| □ | CMC | D1 | .000 | D3 | .000 |
| ◇ | CMT | D2 | .000 | D4 | .000 |
| △ | CMB | D1-3 | .000 | D2-4 | .000 |
| | | PHI-C | .000 | PHI-T | .000 |

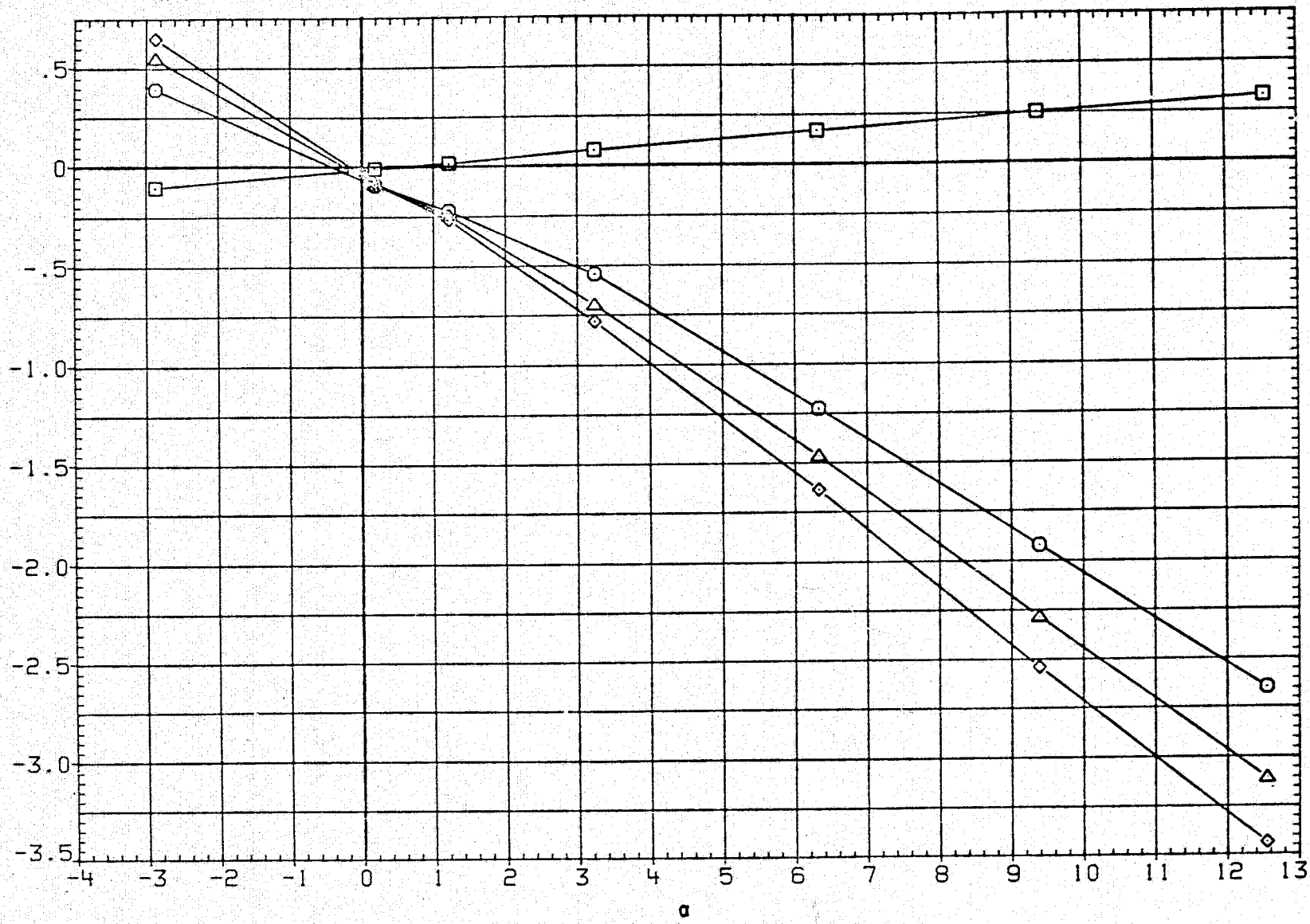



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ094) CONFIGURATION 7 (BN2C1T1)

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

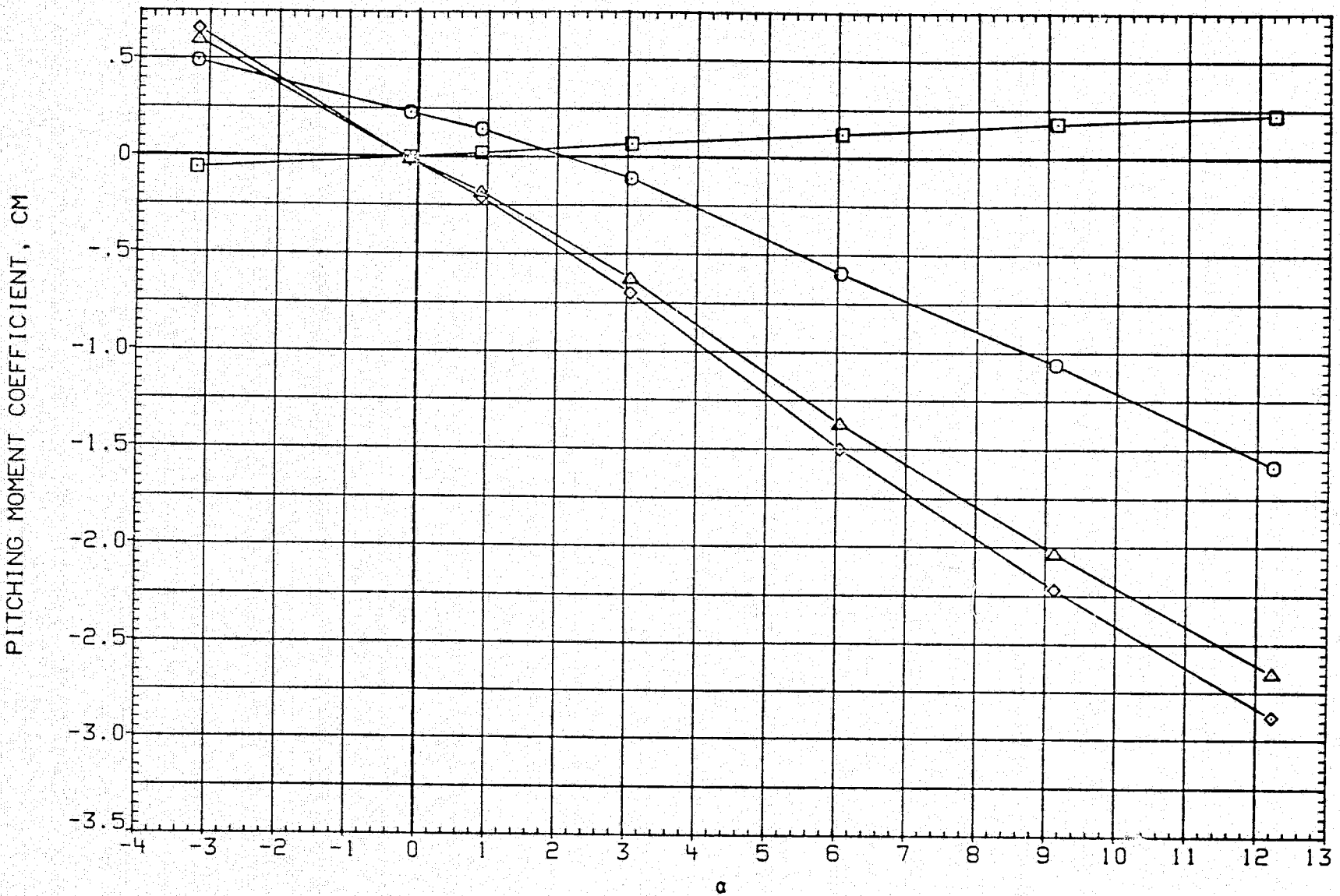



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ094) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.494 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | .000 | D4 | .000 |
| D1-3 | .000 | D2-4 | .000 |
| PHI-C | .000 | PHI-T | .000 |

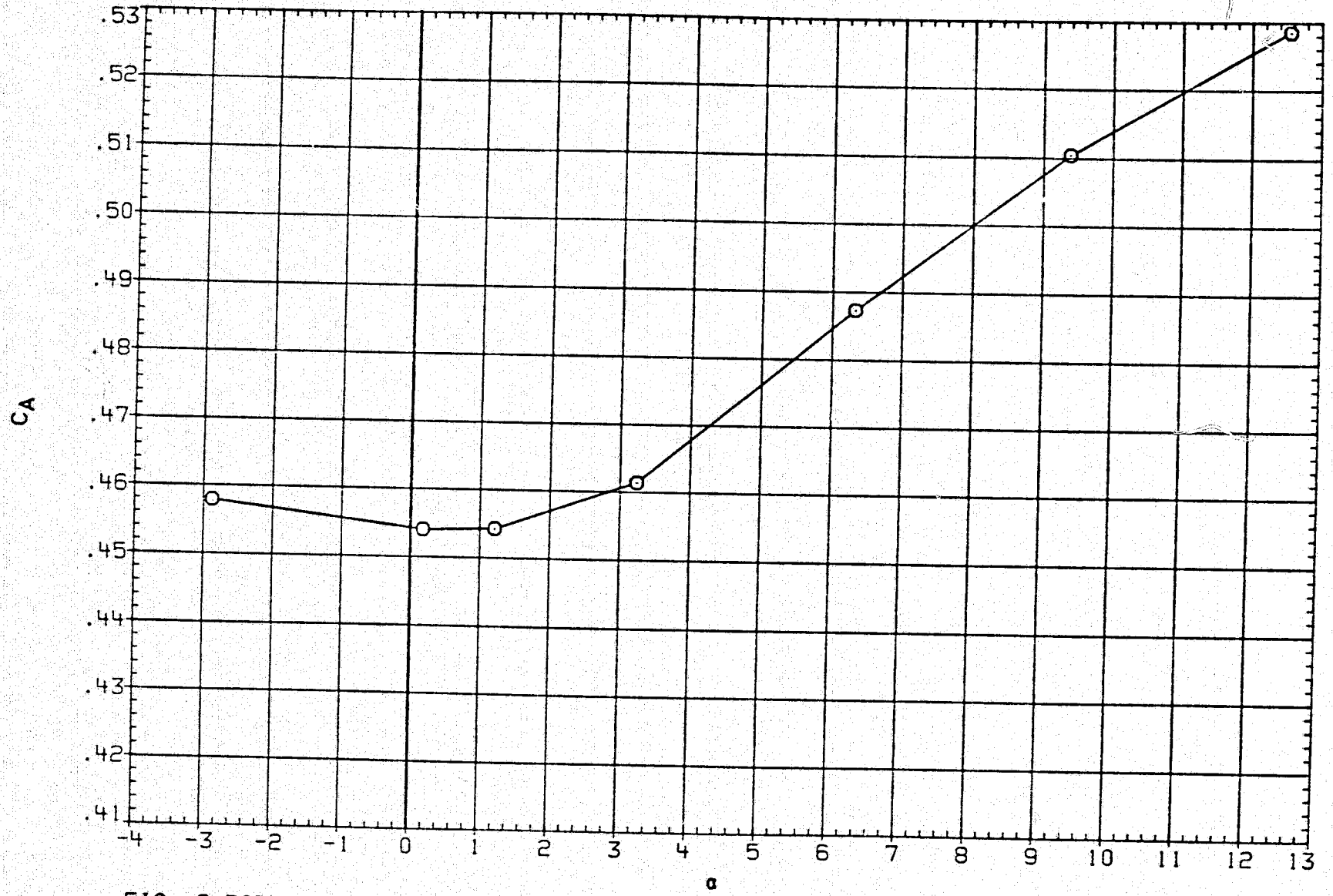



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ094) CONFIGURATION 7 (BN2C1T1)

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

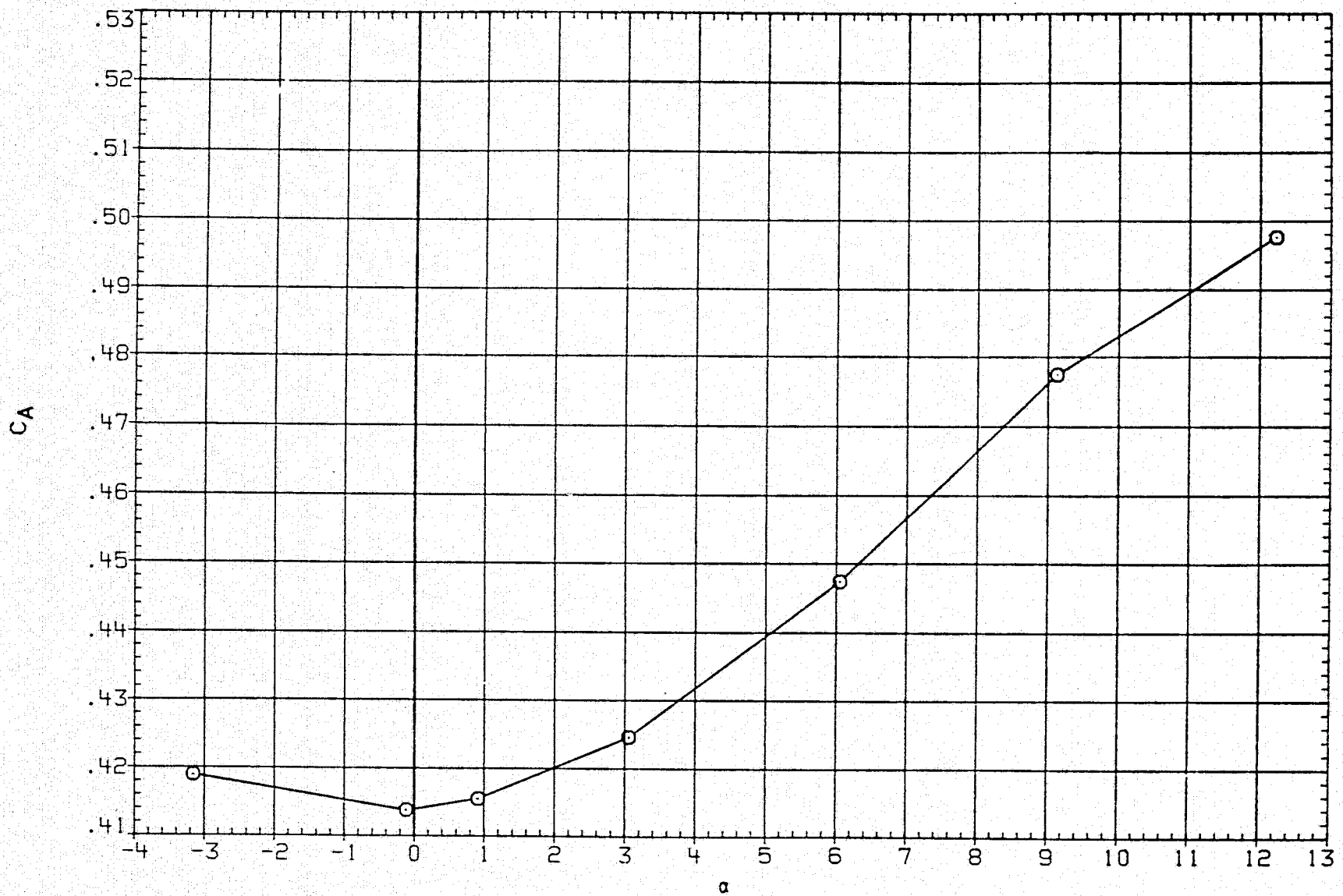



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

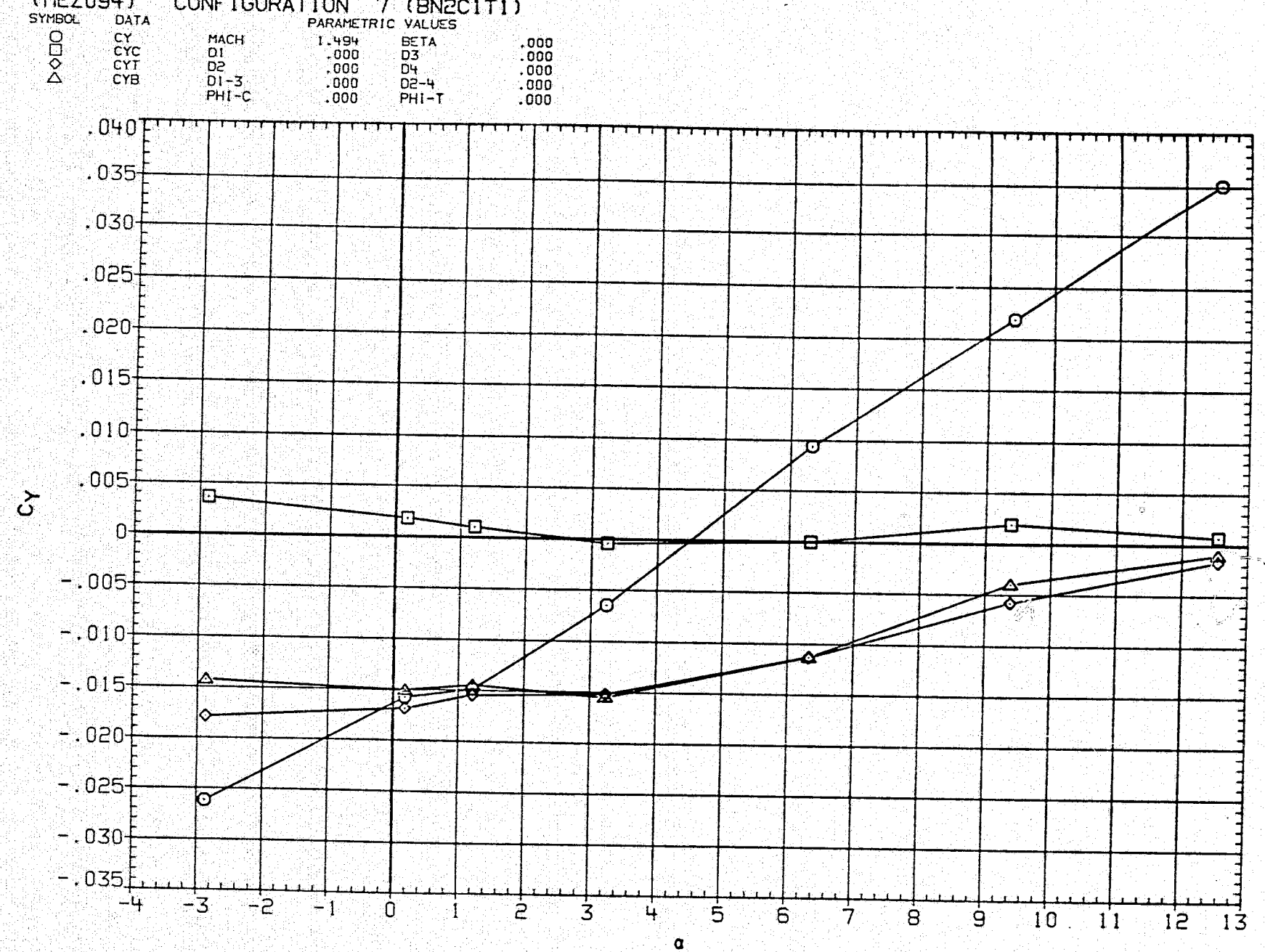



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

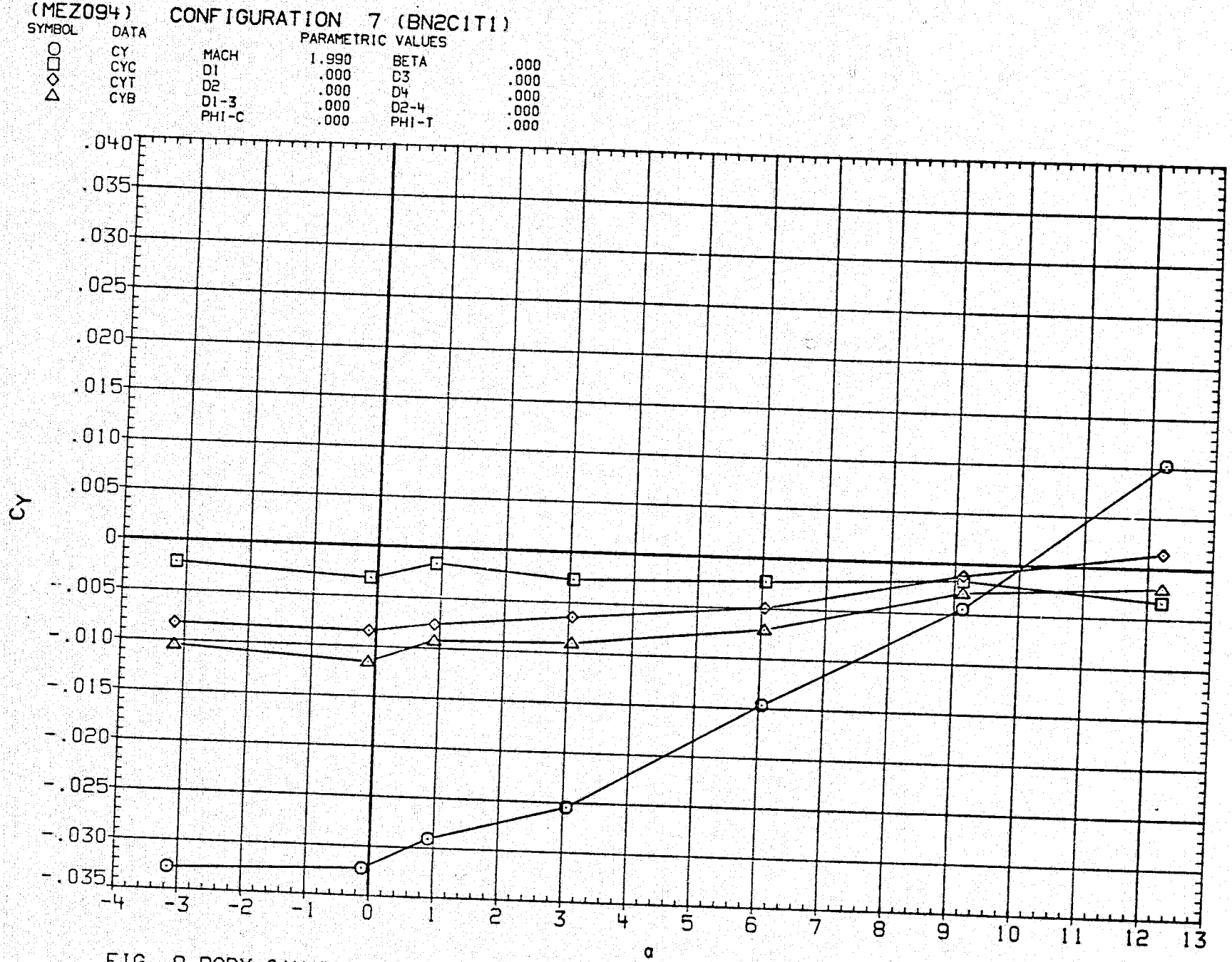



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ094) CONFIGURATION 7 (BN2CIT1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.494 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | .000 | D4 | .000 |
| △ | CYMB | D1-3 | .000 | D2-4 | .000 |
| | | PHI-C | .000 | PHI-T | .000 |

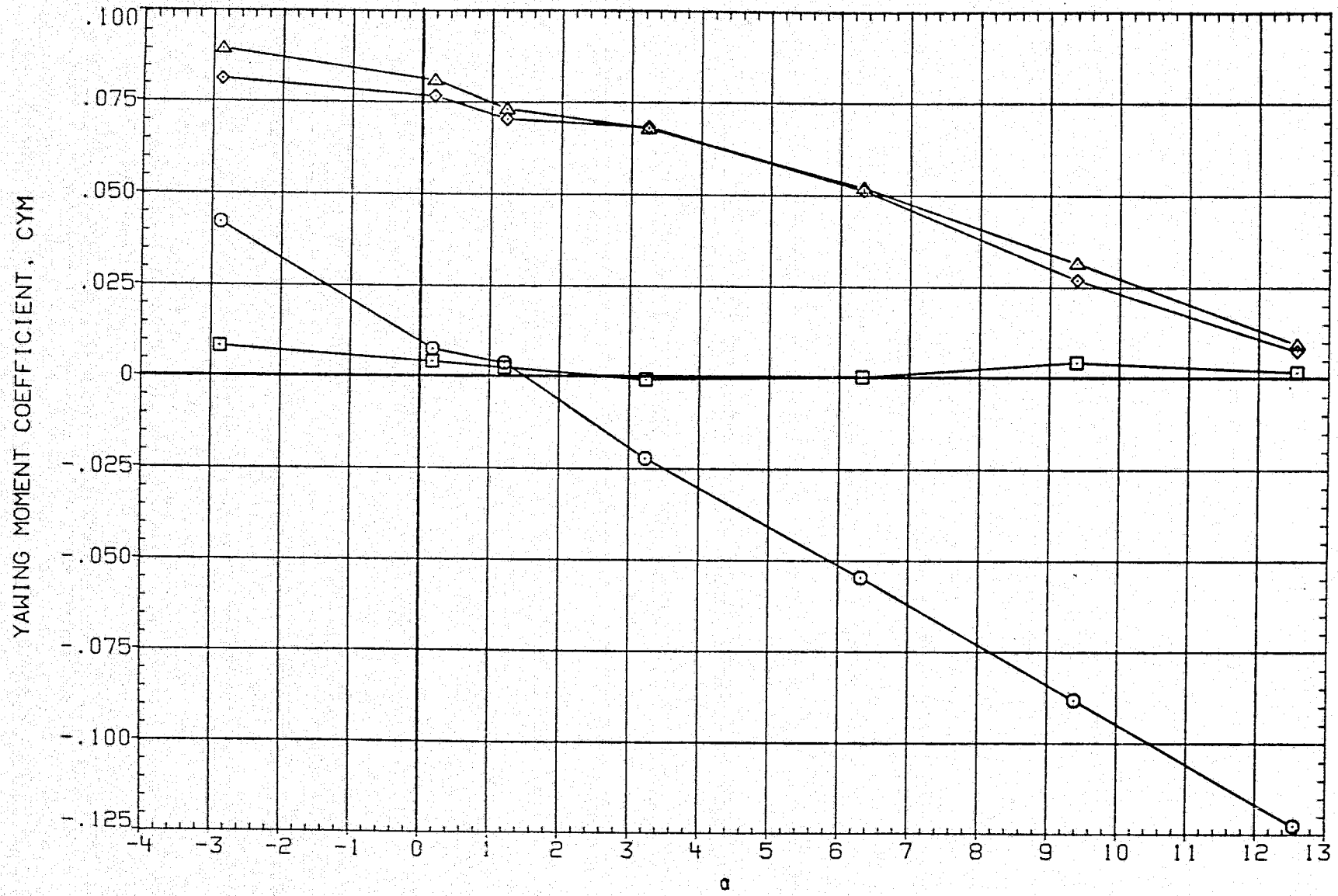



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ094) CONFIGURATION 7 (BN2C1T1)

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

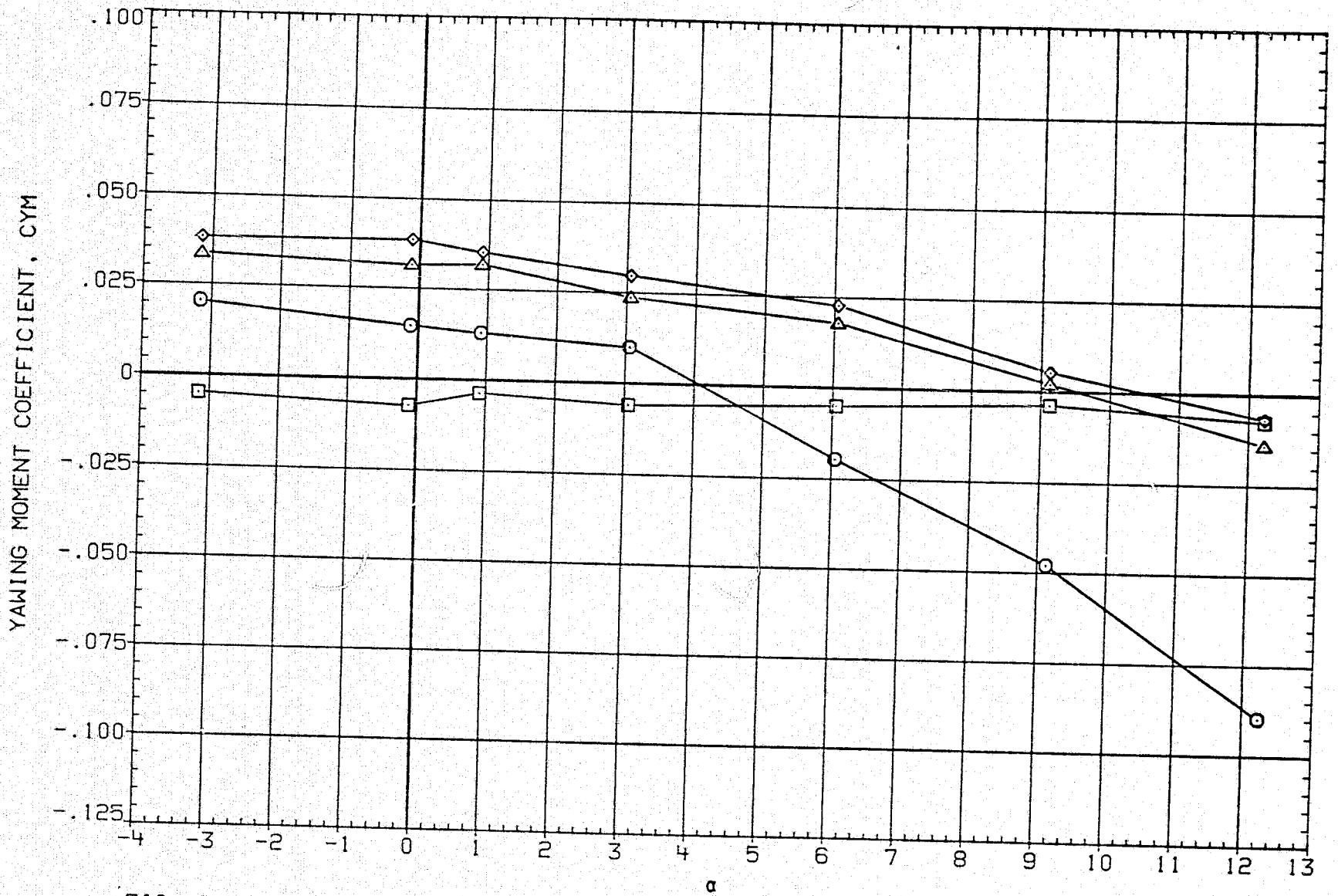



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

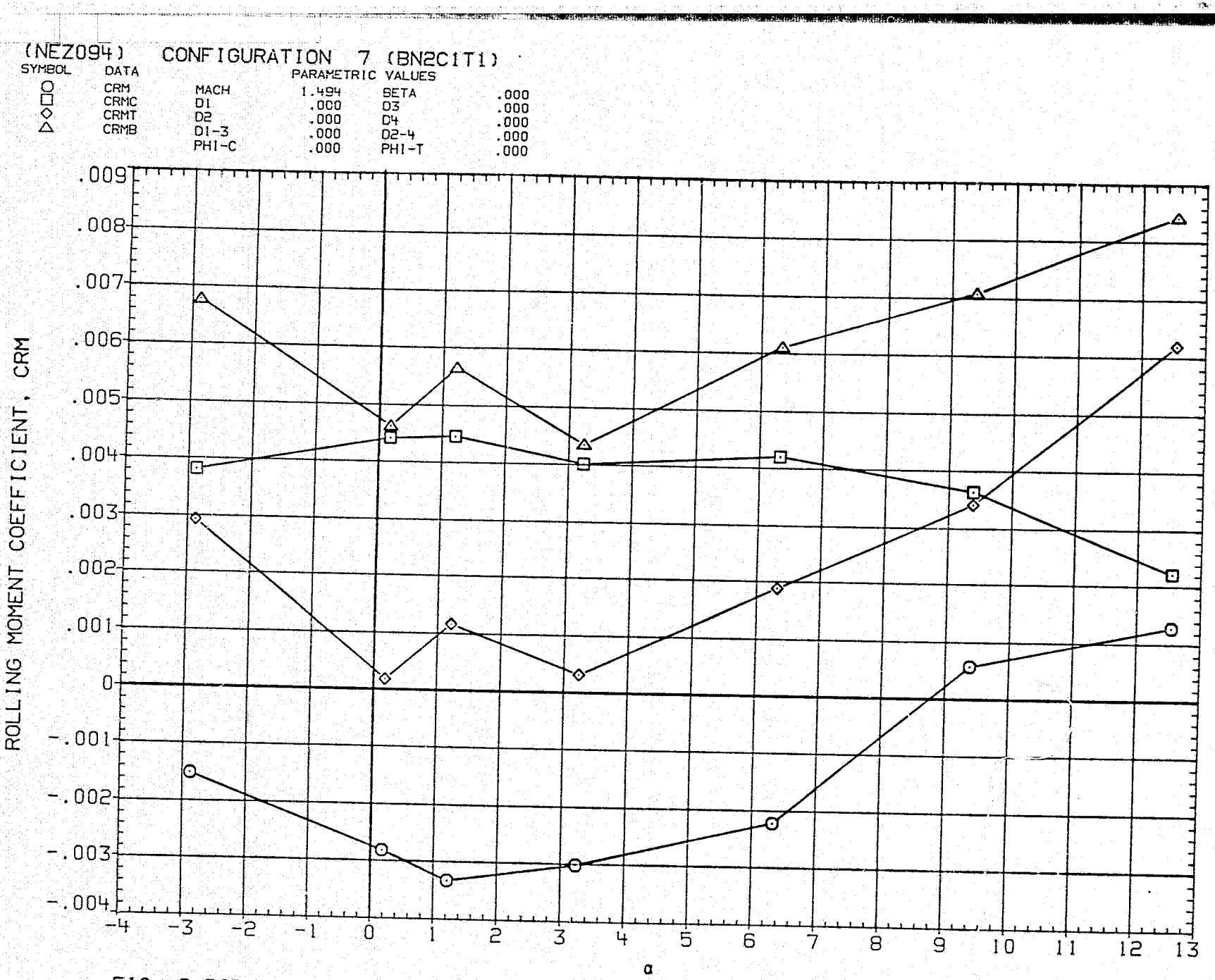



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

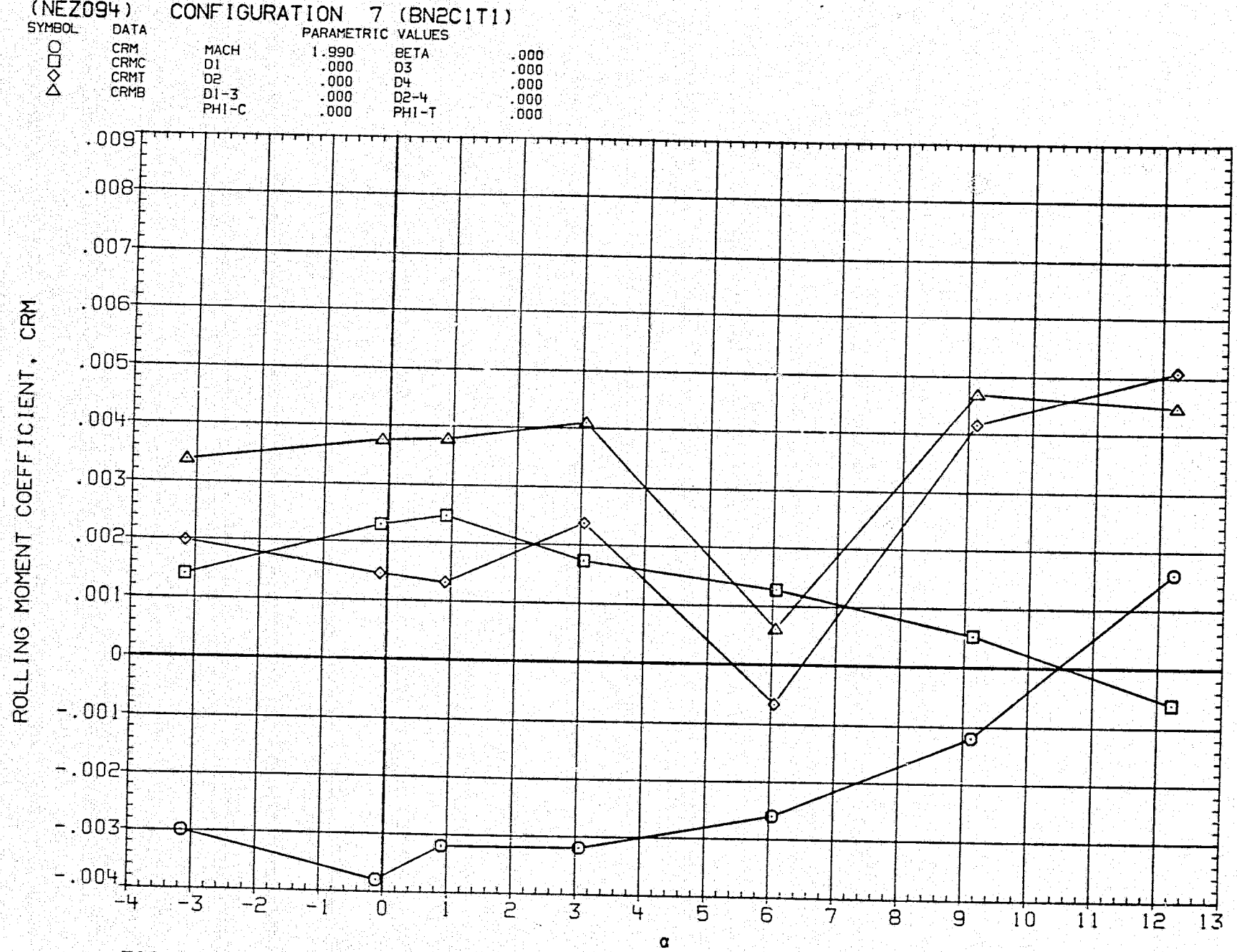



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

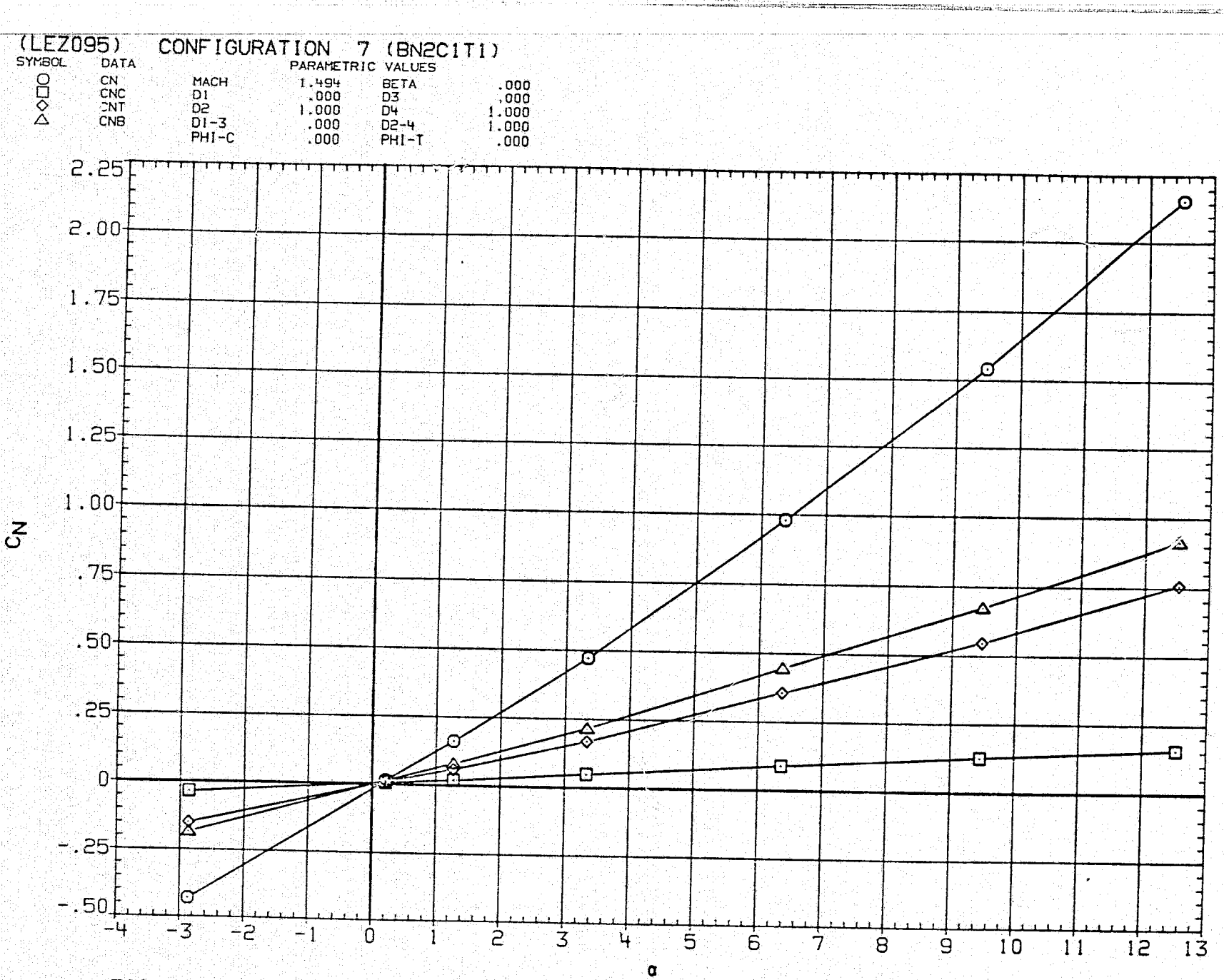



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ095) CONFIGURATION 7 (BN2CIT1)

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

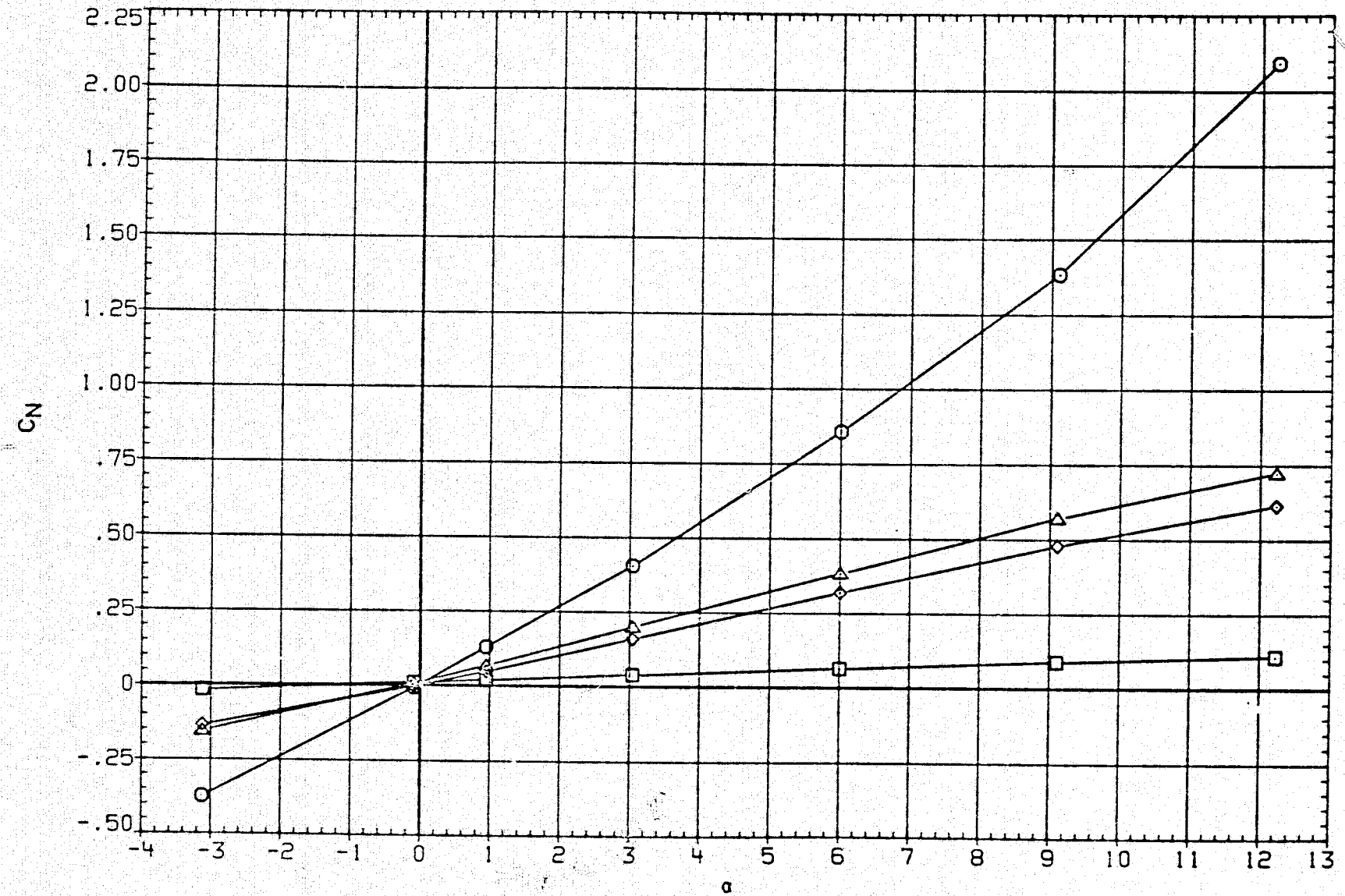



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

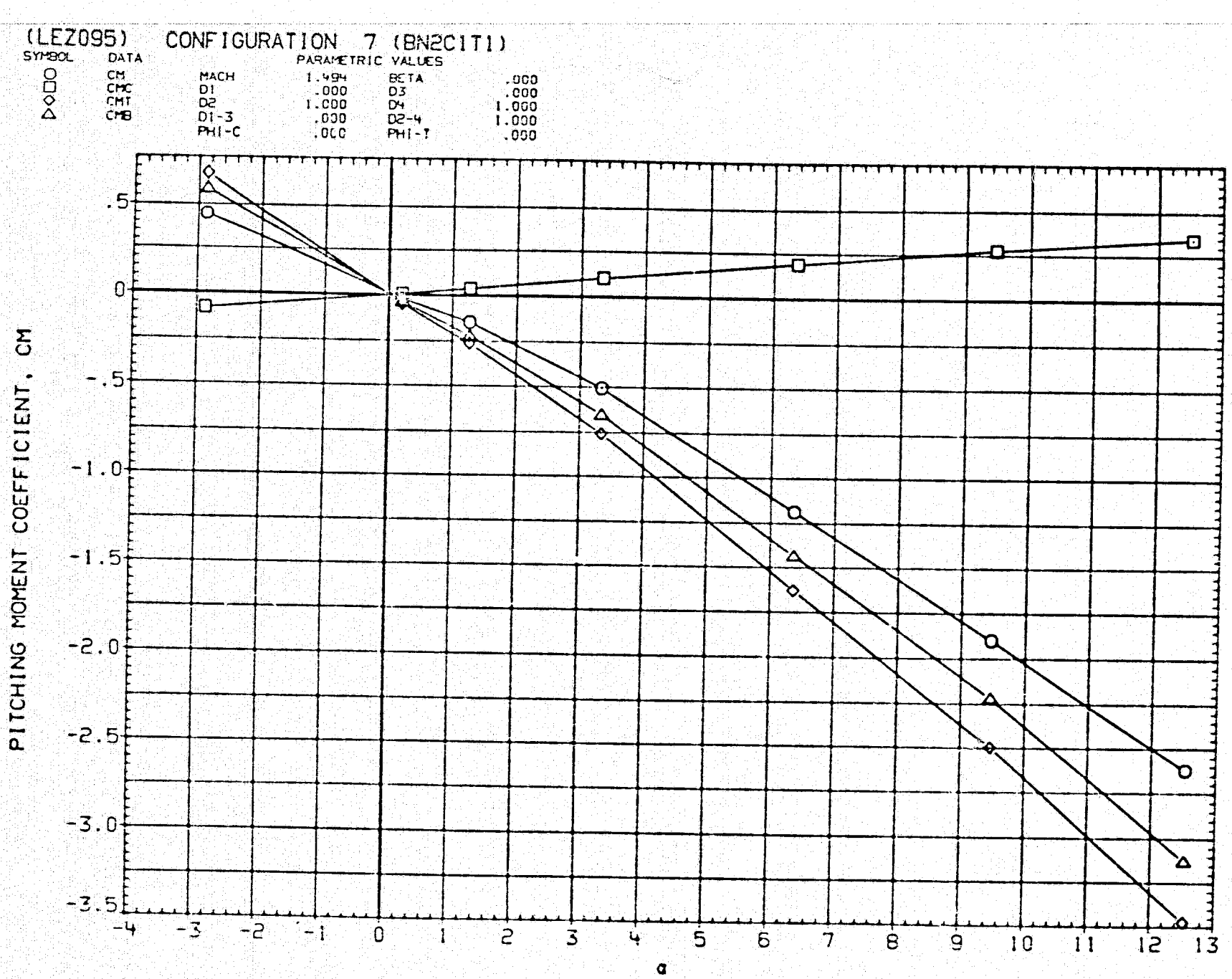



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ095) CONFIGURATION 7 (BN2CIT1)

| 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 |

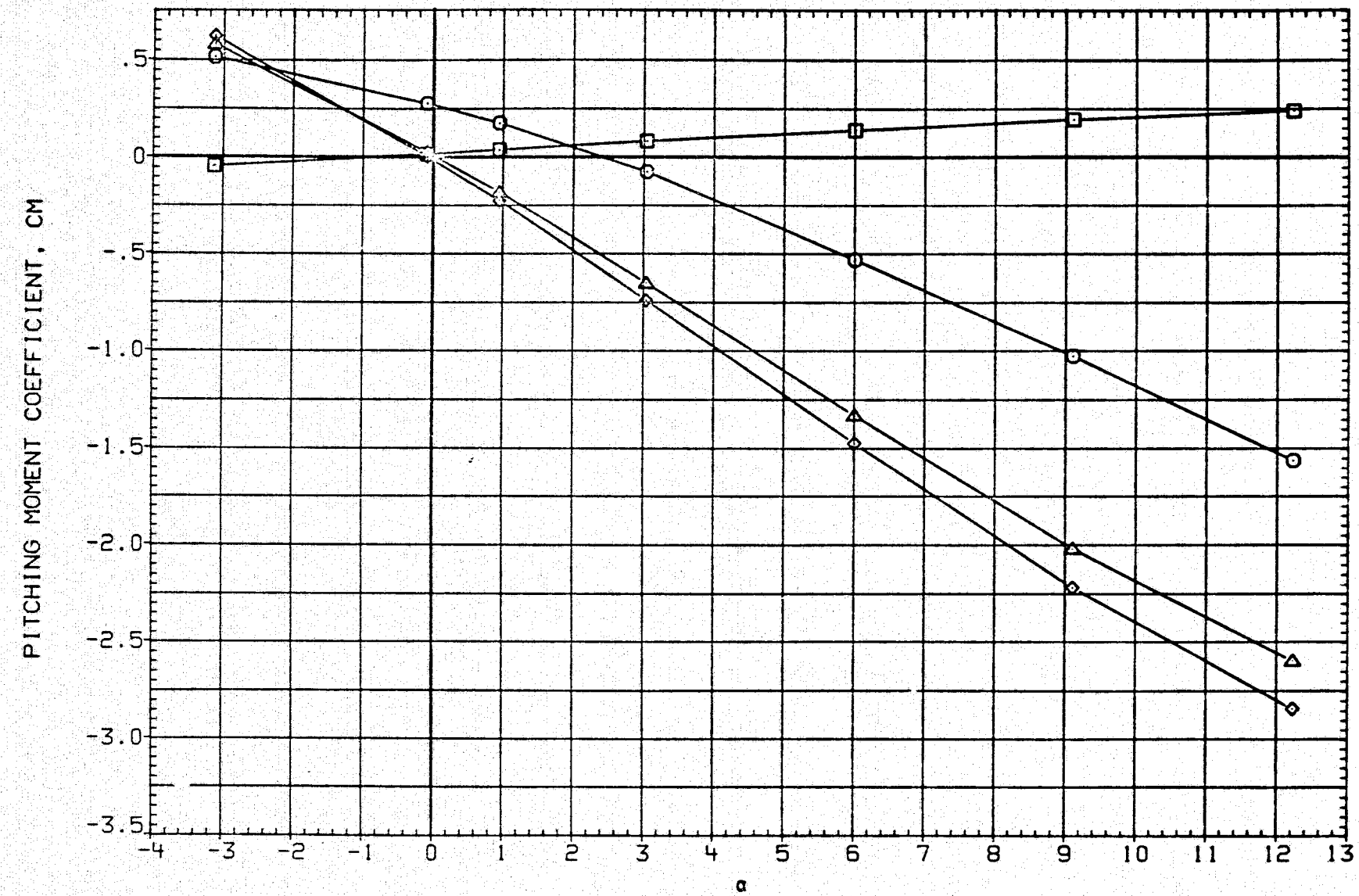



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ095) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.494 | 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 |

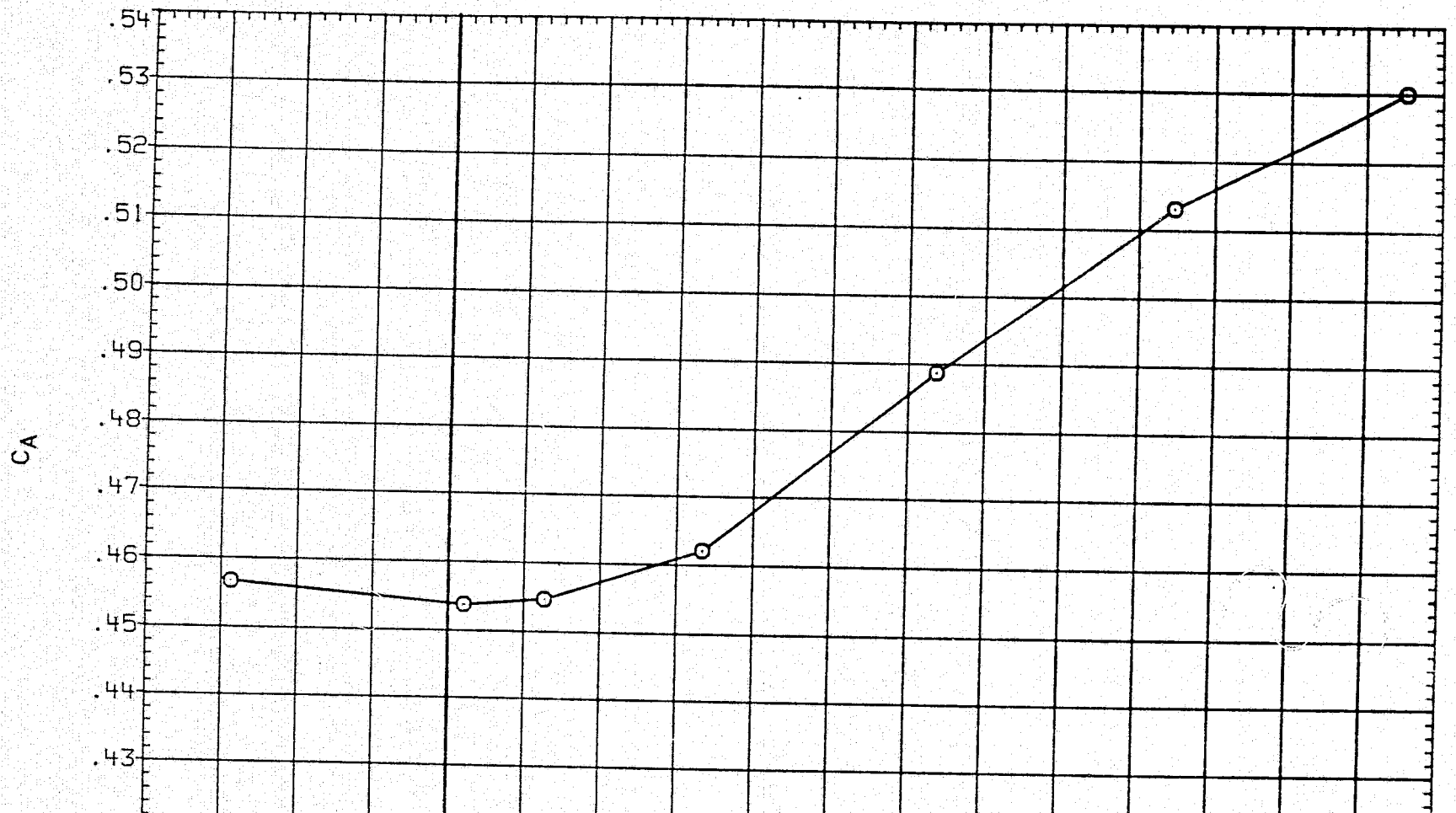



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ095) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | 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 |

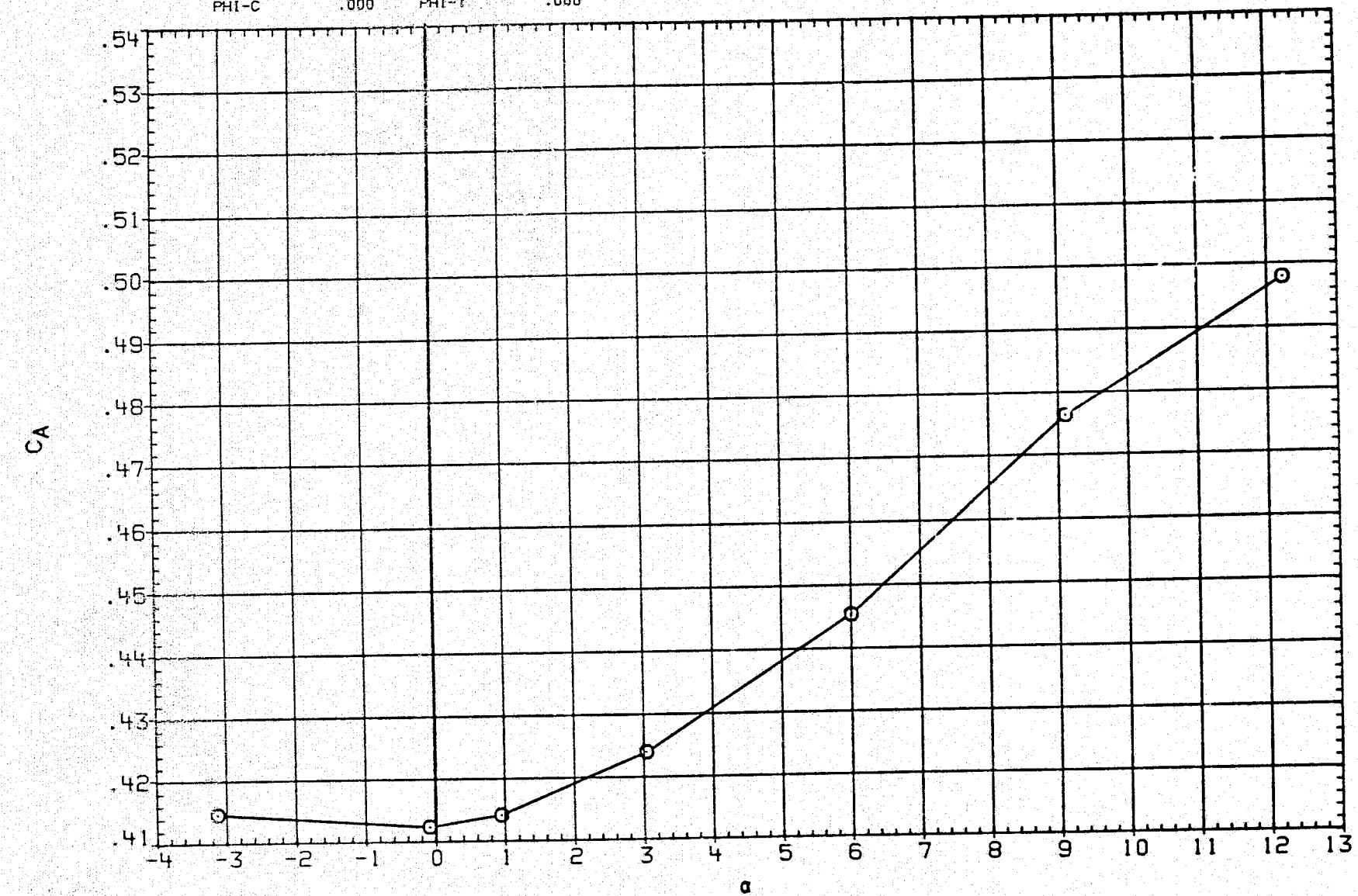



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ095) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| | CY | MACH | 1.494 | 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 |

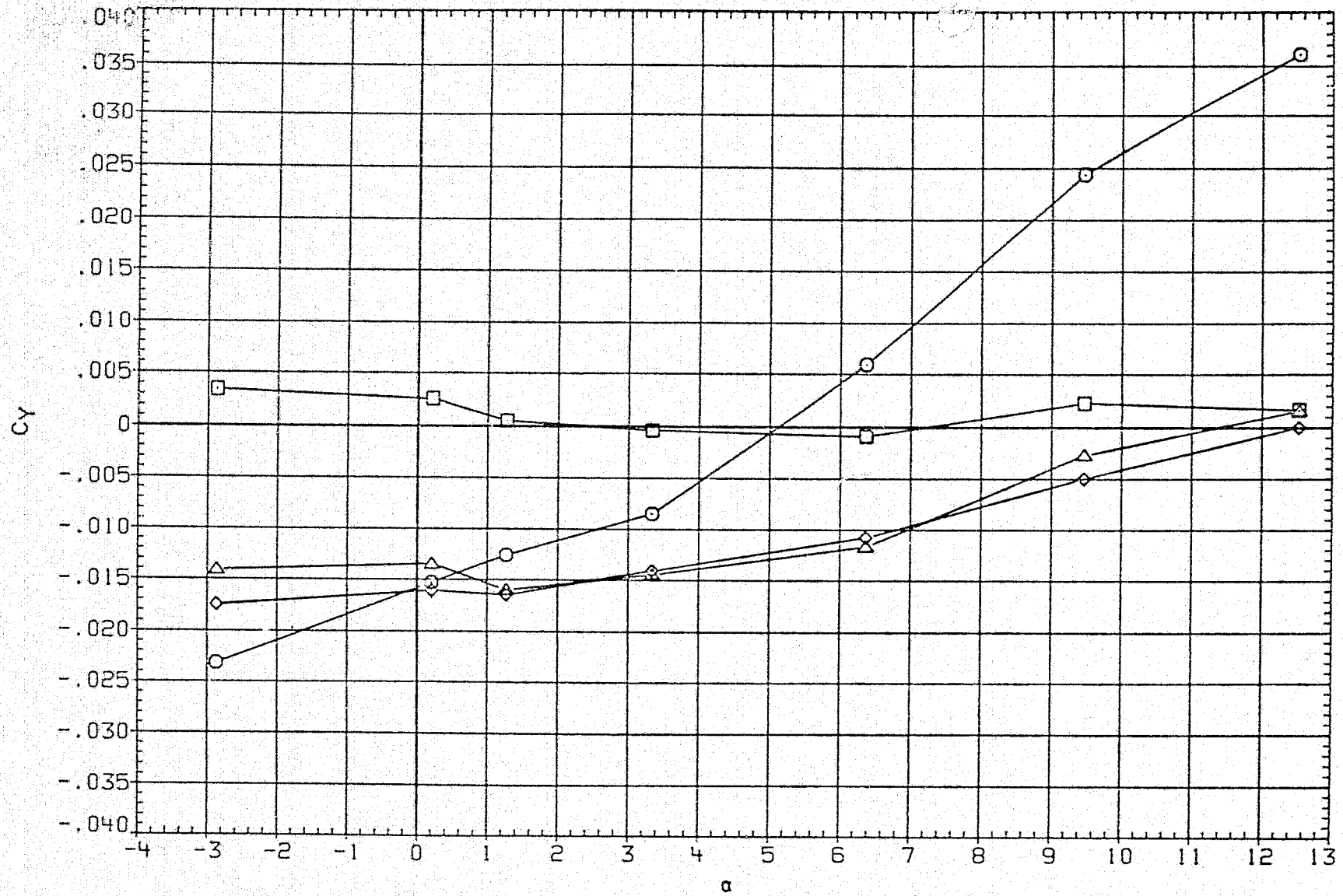



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ095) CONFIGURATION 7 (BN2C1T1)

| 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 |

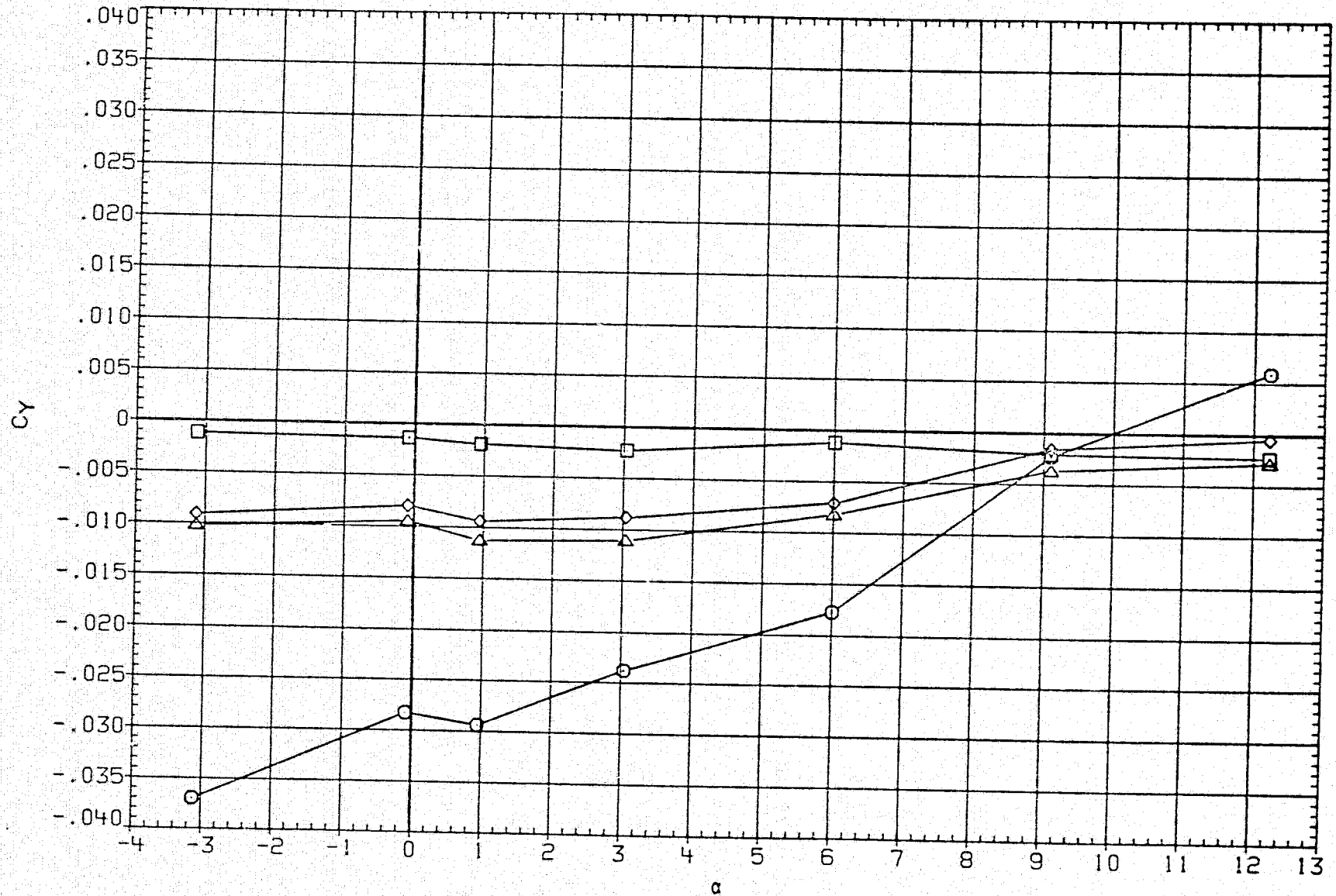



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ095) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CYM |
| □ | CYMC |
| ◇ | CYMT |
| △ | CYMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.494 | 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 |

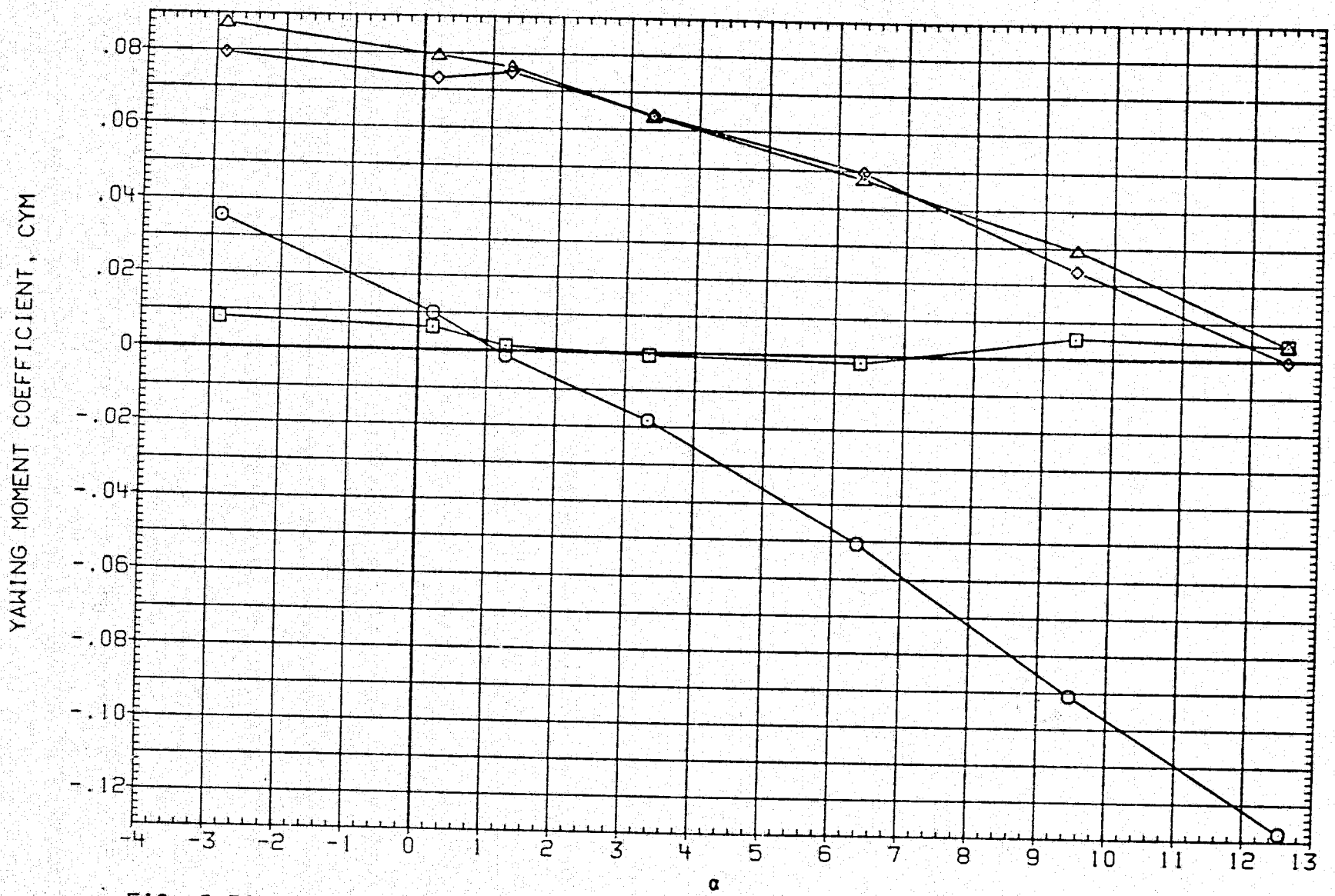



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ095) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.990 | BETA | .000 |
| □◇ | CYMC | D1 | .000 | D3 | .000 |
| △ | CYMT | D2 | 1.000 | D4 | 1.000 |
| | CYMB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | PHI-T | .000 |

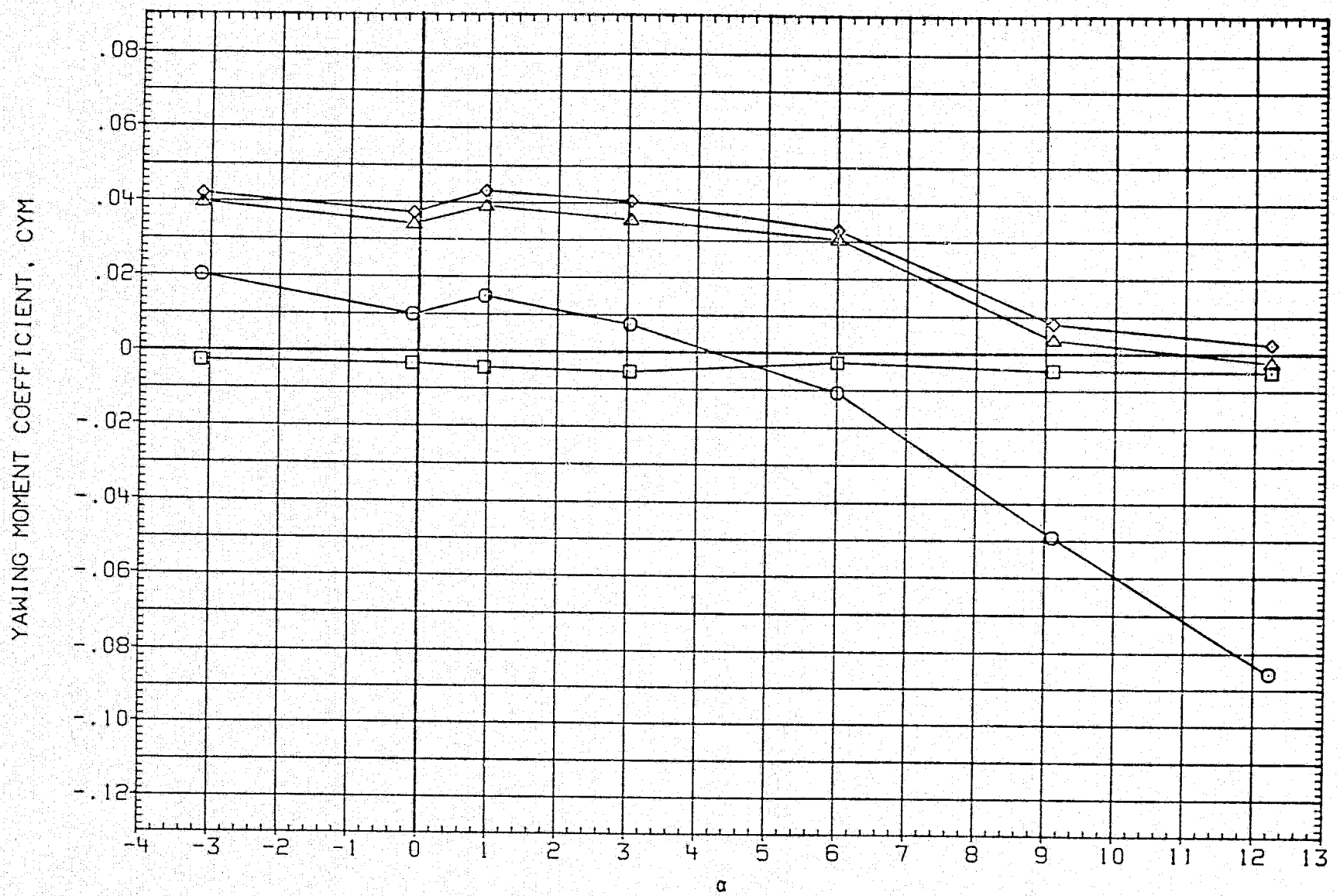



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ095) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.494 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | 1.000 | D4 | 1.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | PHI-T | .000 |

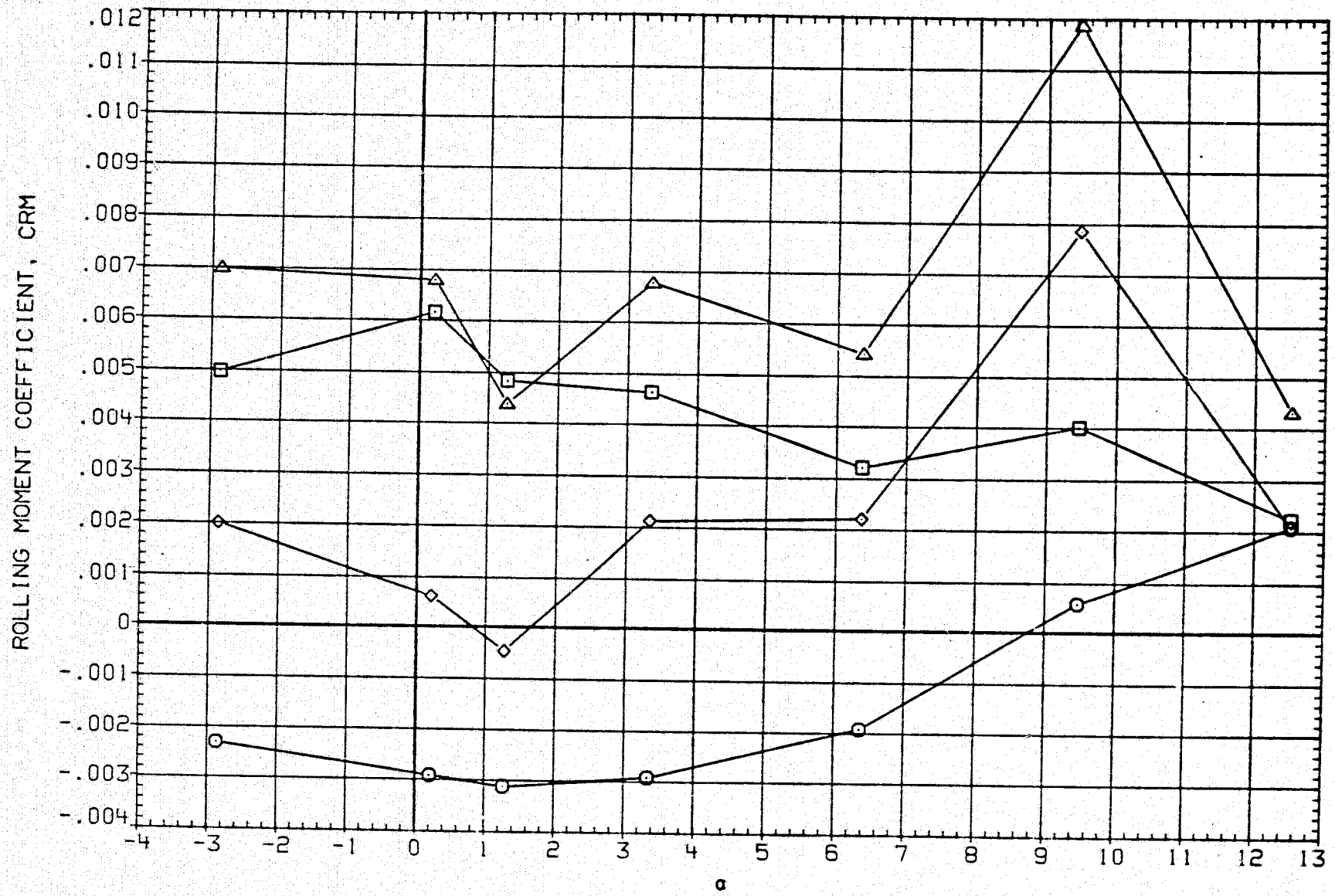



FIG. 8 BODY-CANARD-TAIL CHAR. MAIN BALANCE AND PANEL LOAD SUMMATIONS



(NEZ095) CONFIGURATION 7 (BN2C1T1)

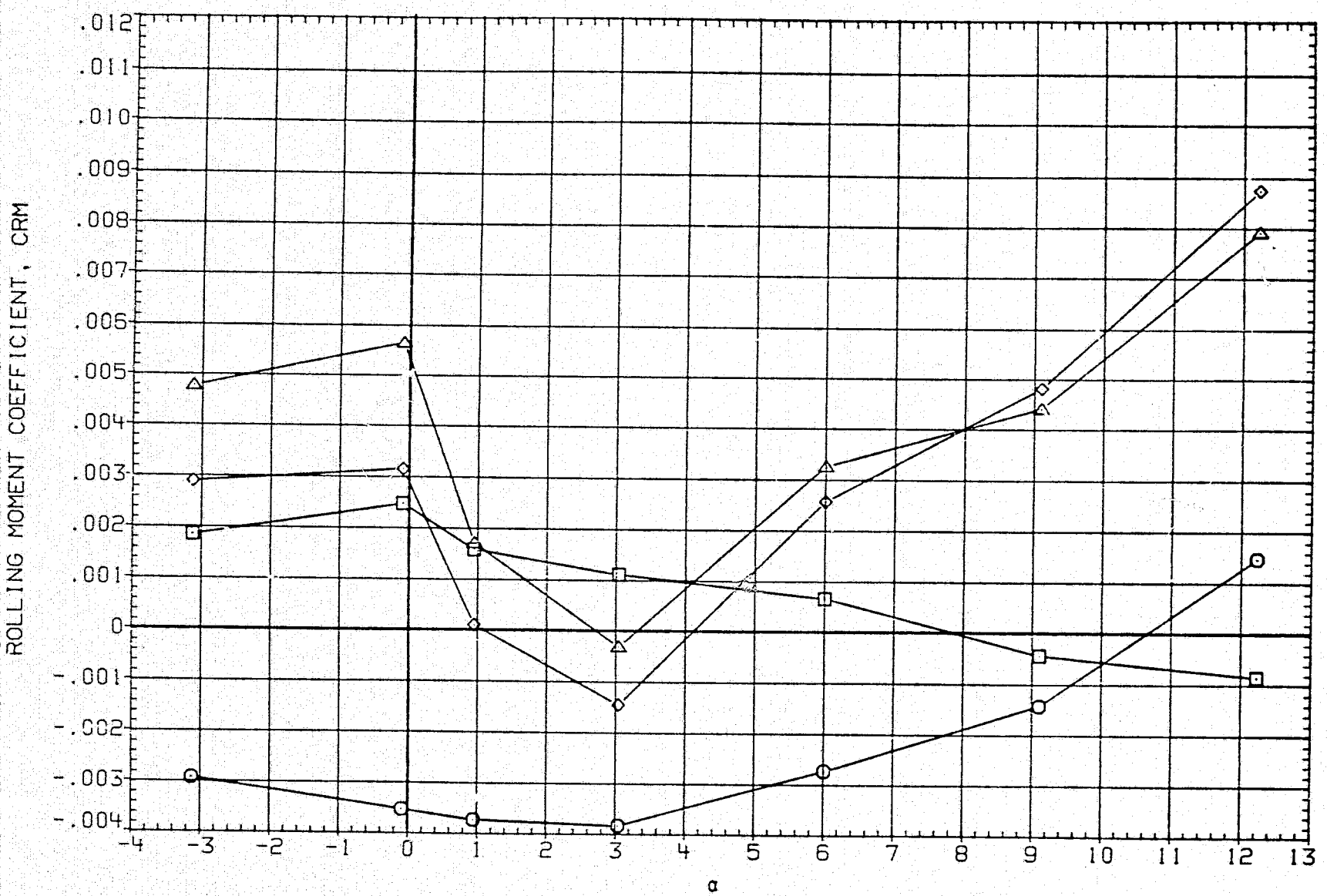



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

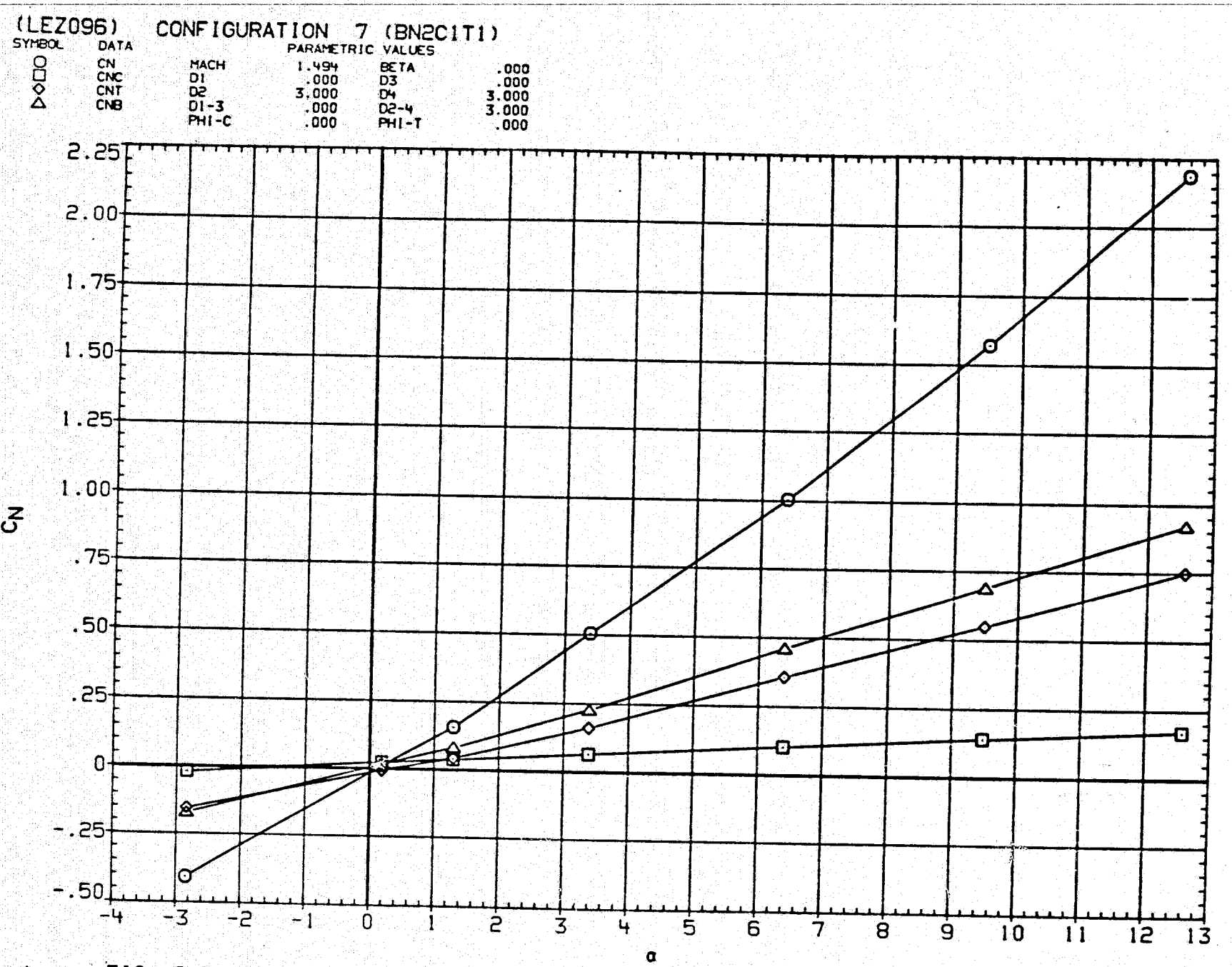



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ096) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.990 | 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 |

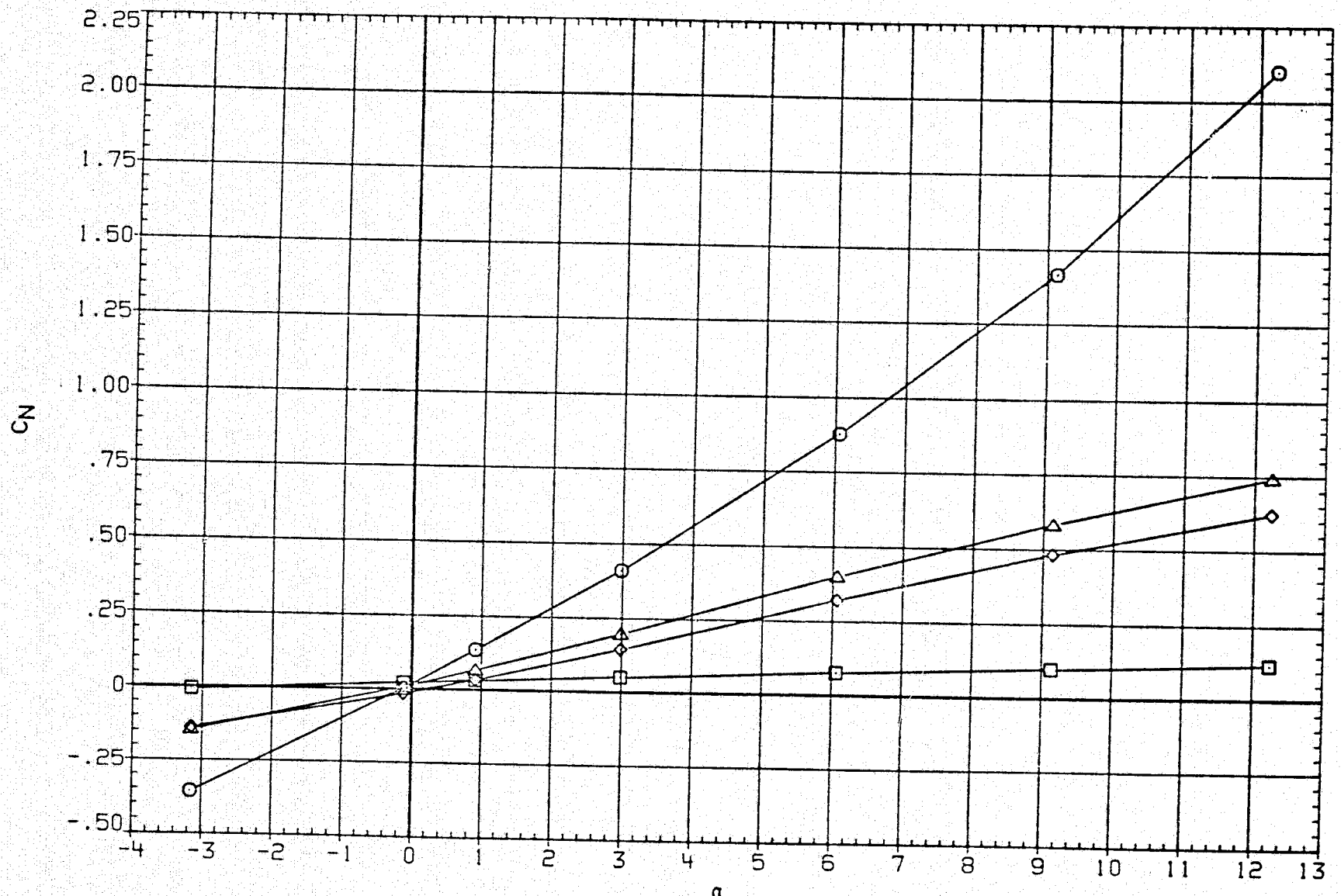



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ096) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.494 | 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 |

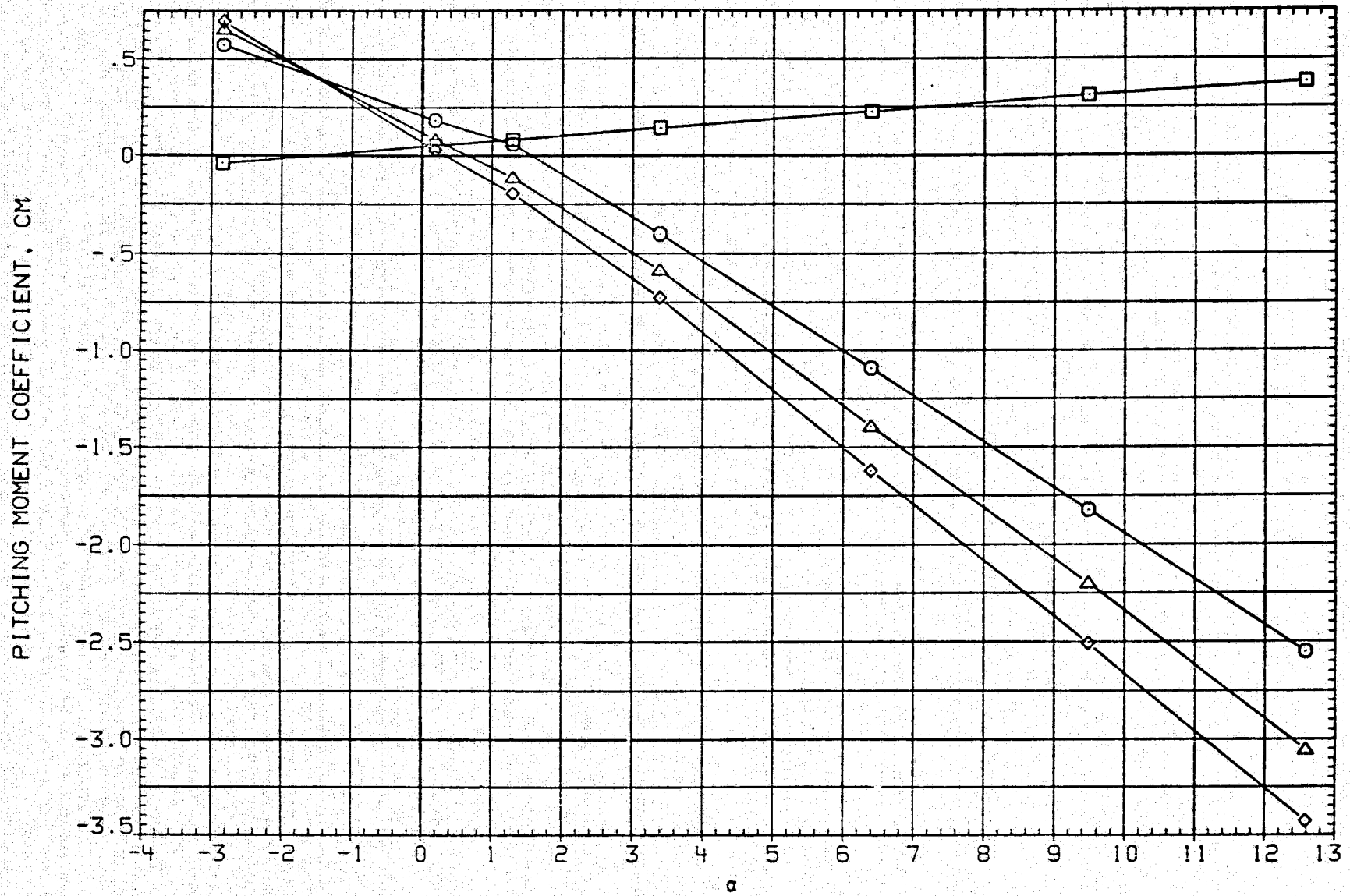



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

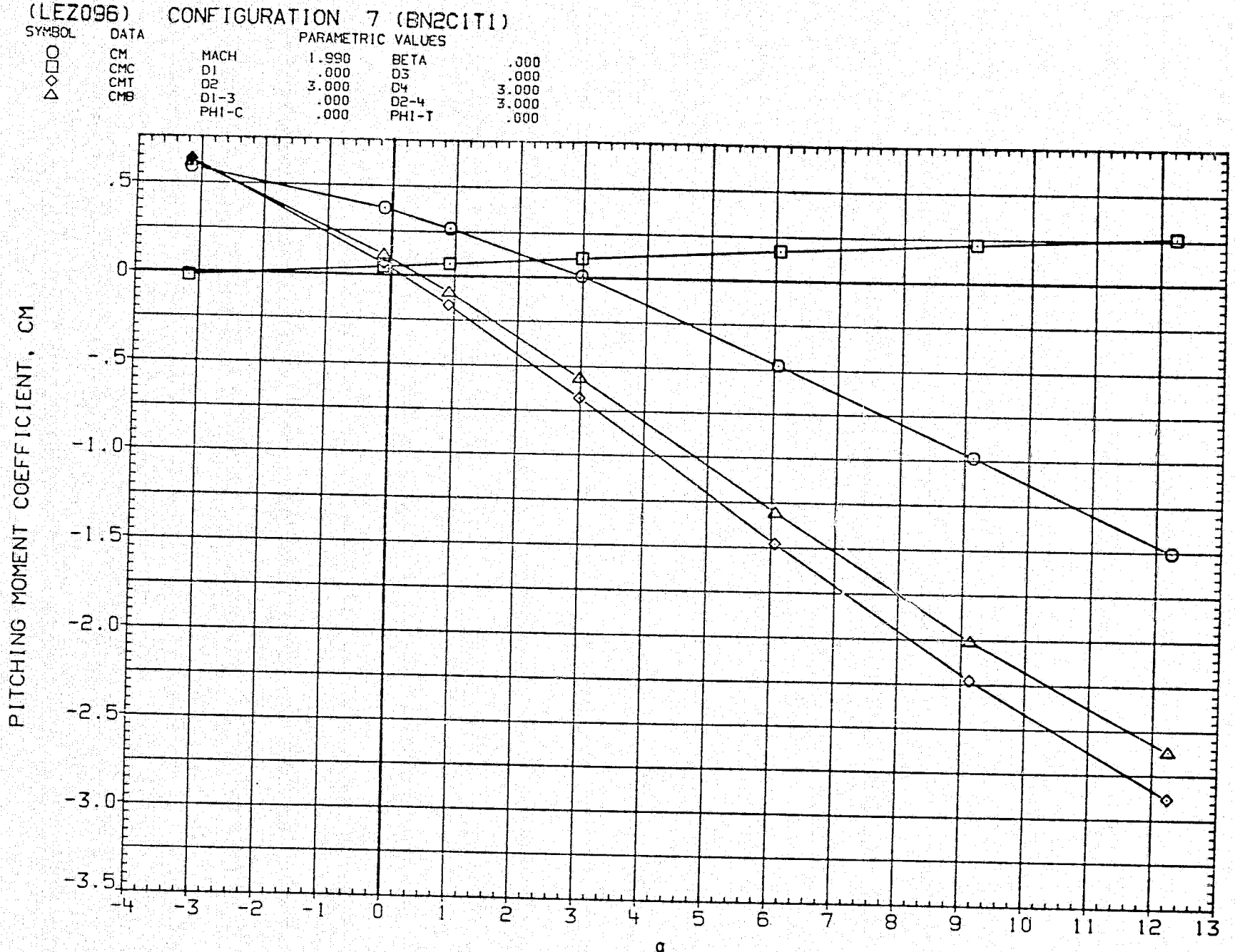



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ096) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.494 | 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 |

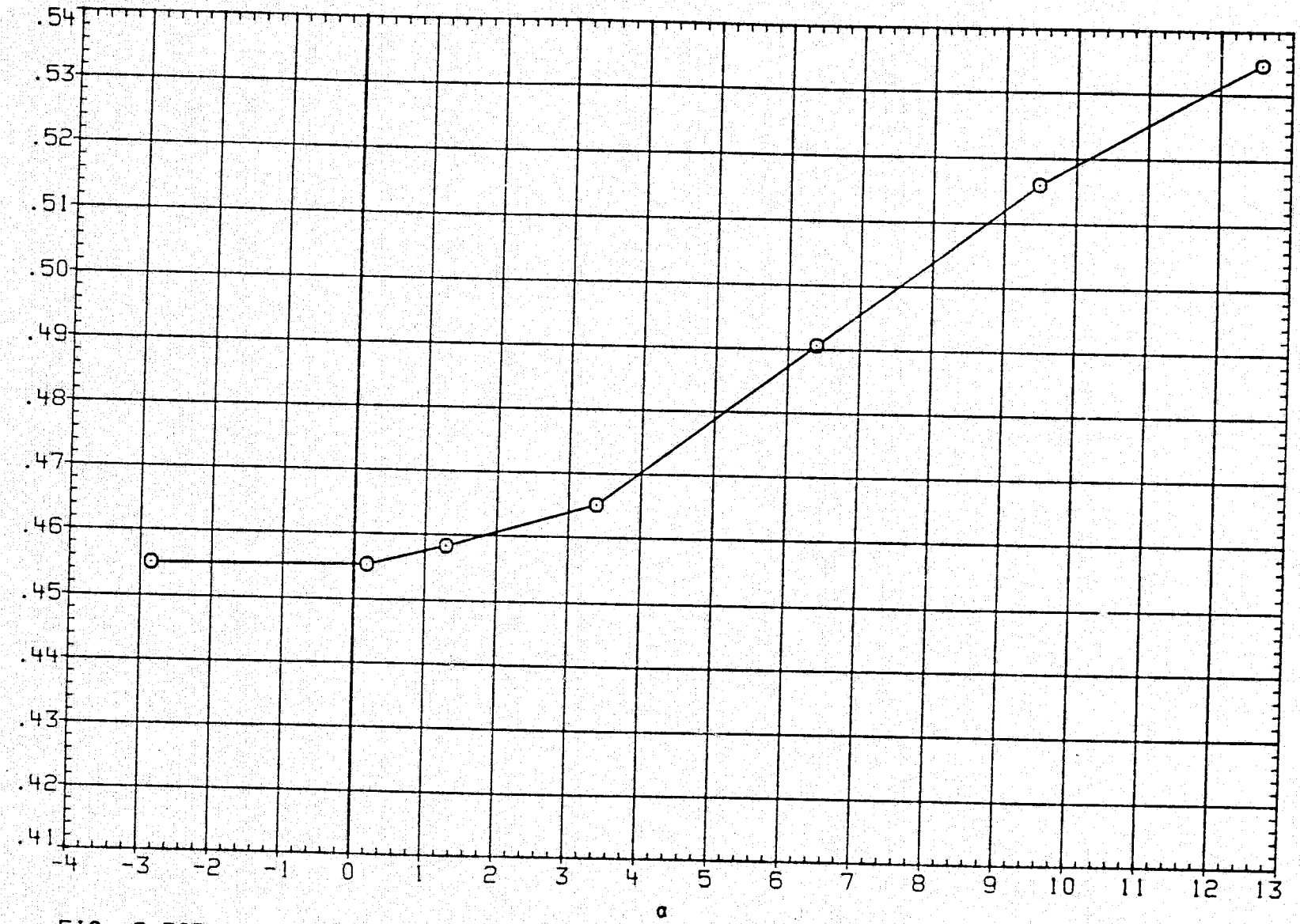



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ096) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.990 | 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 |

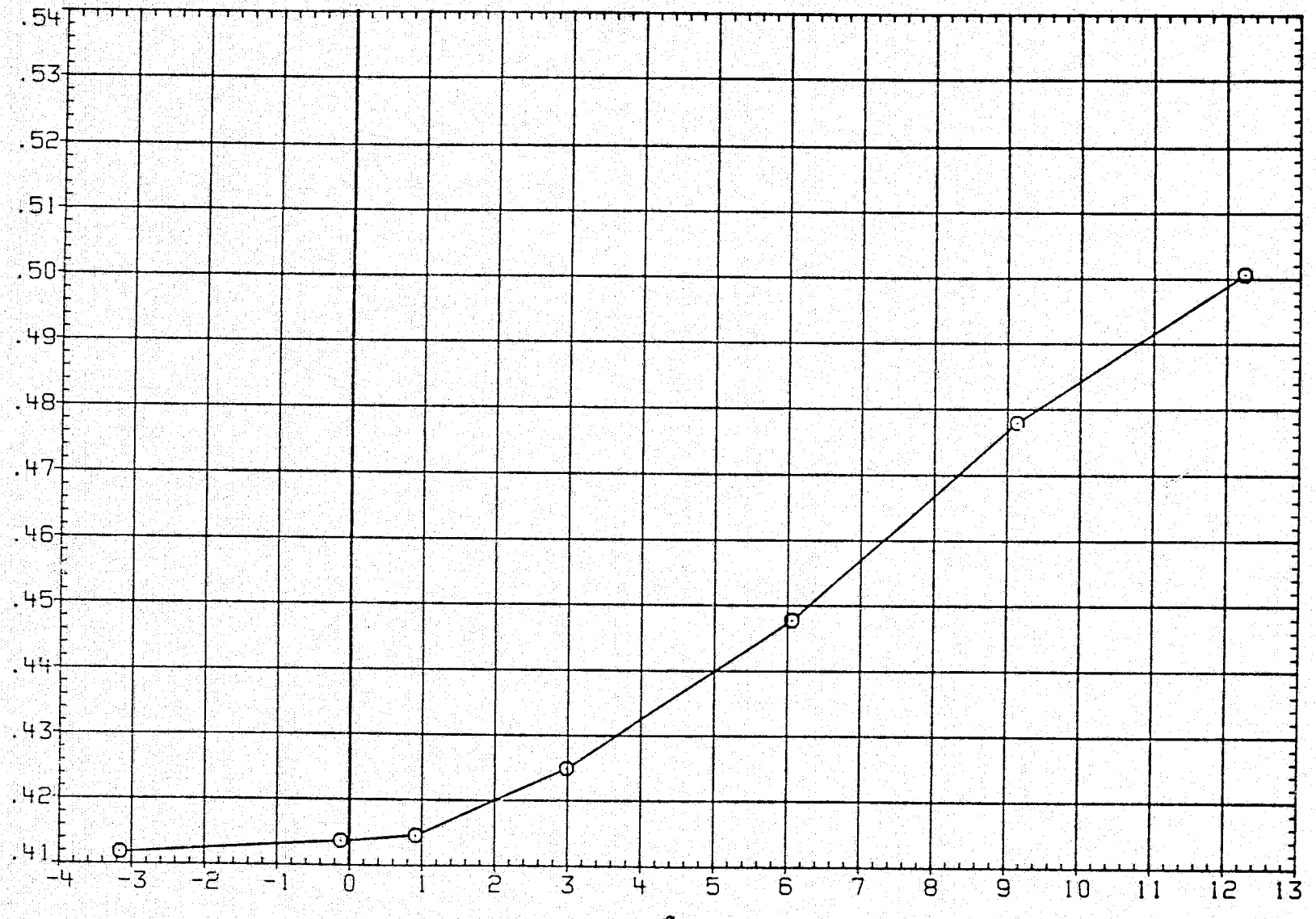



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ096) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.494 | 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 |

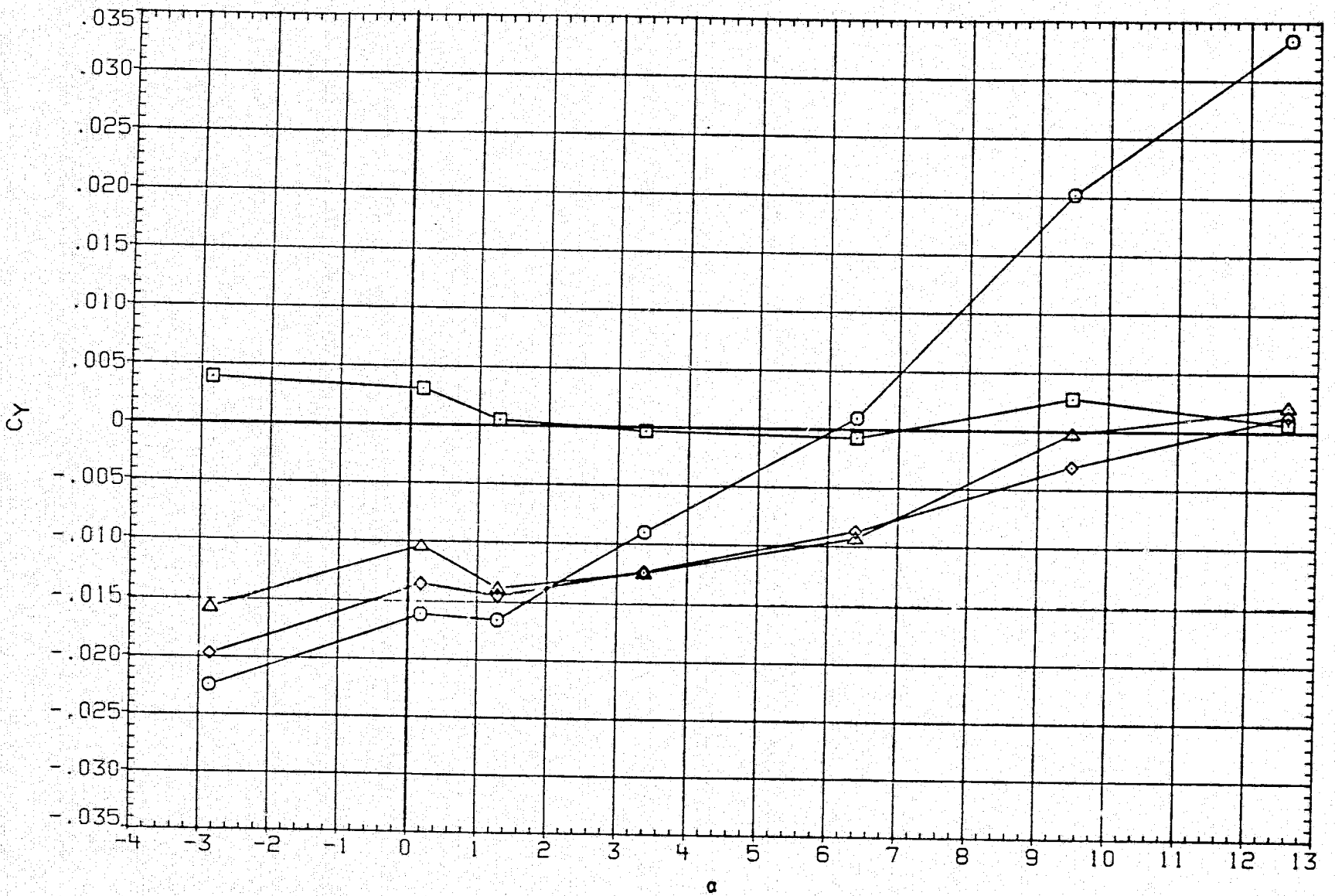



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ096) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.990 | 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 |

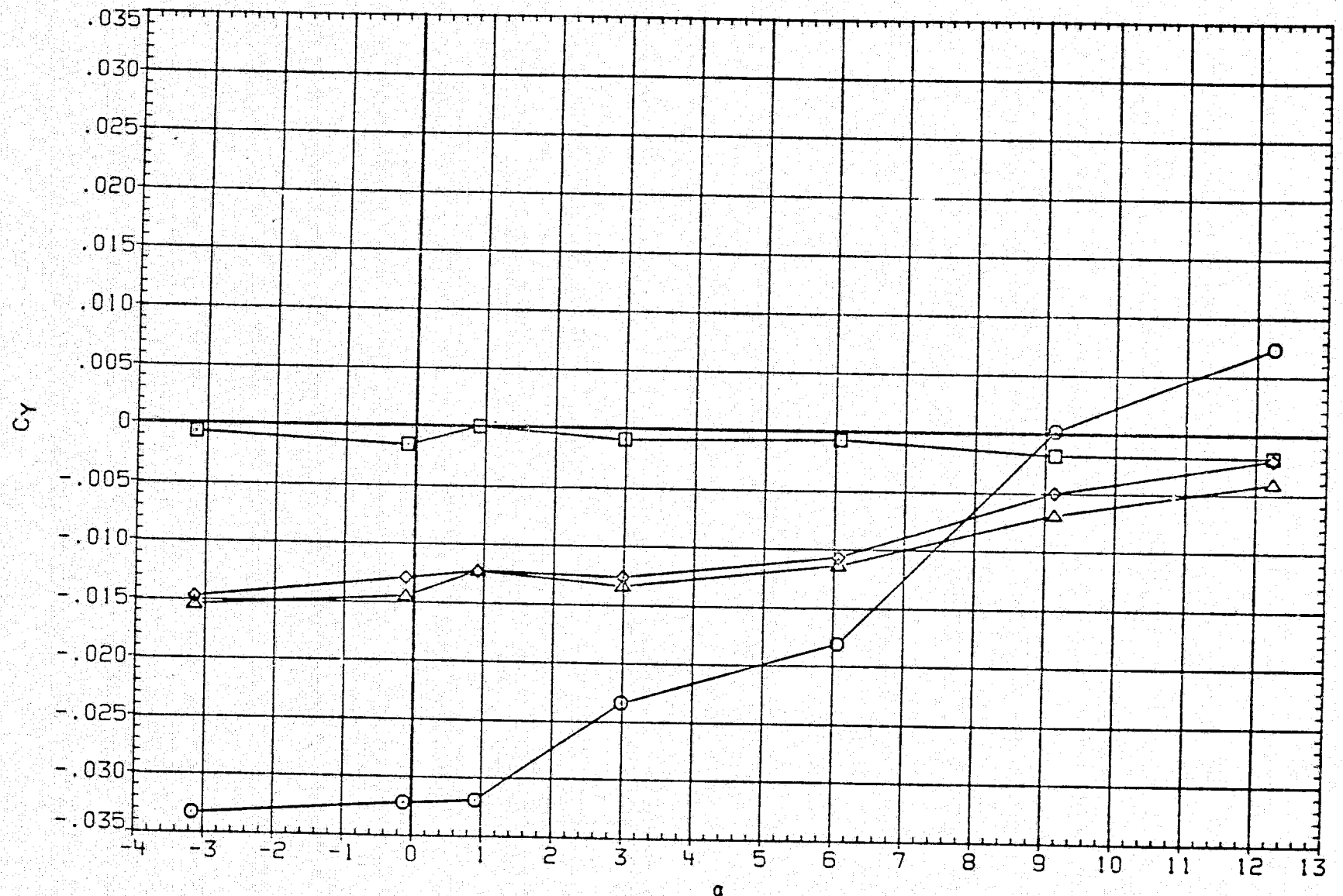



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

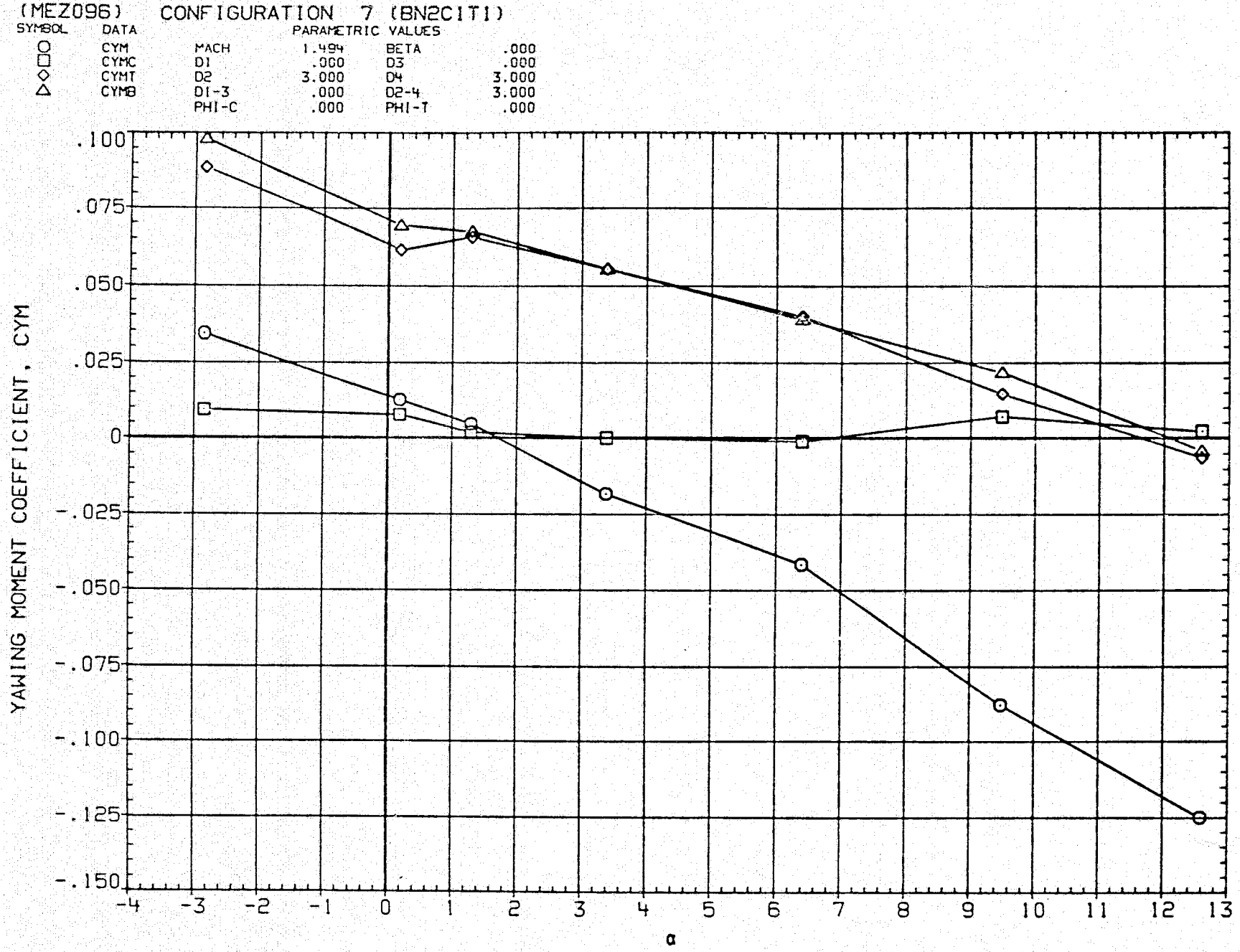



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ096) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.990 | 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 |

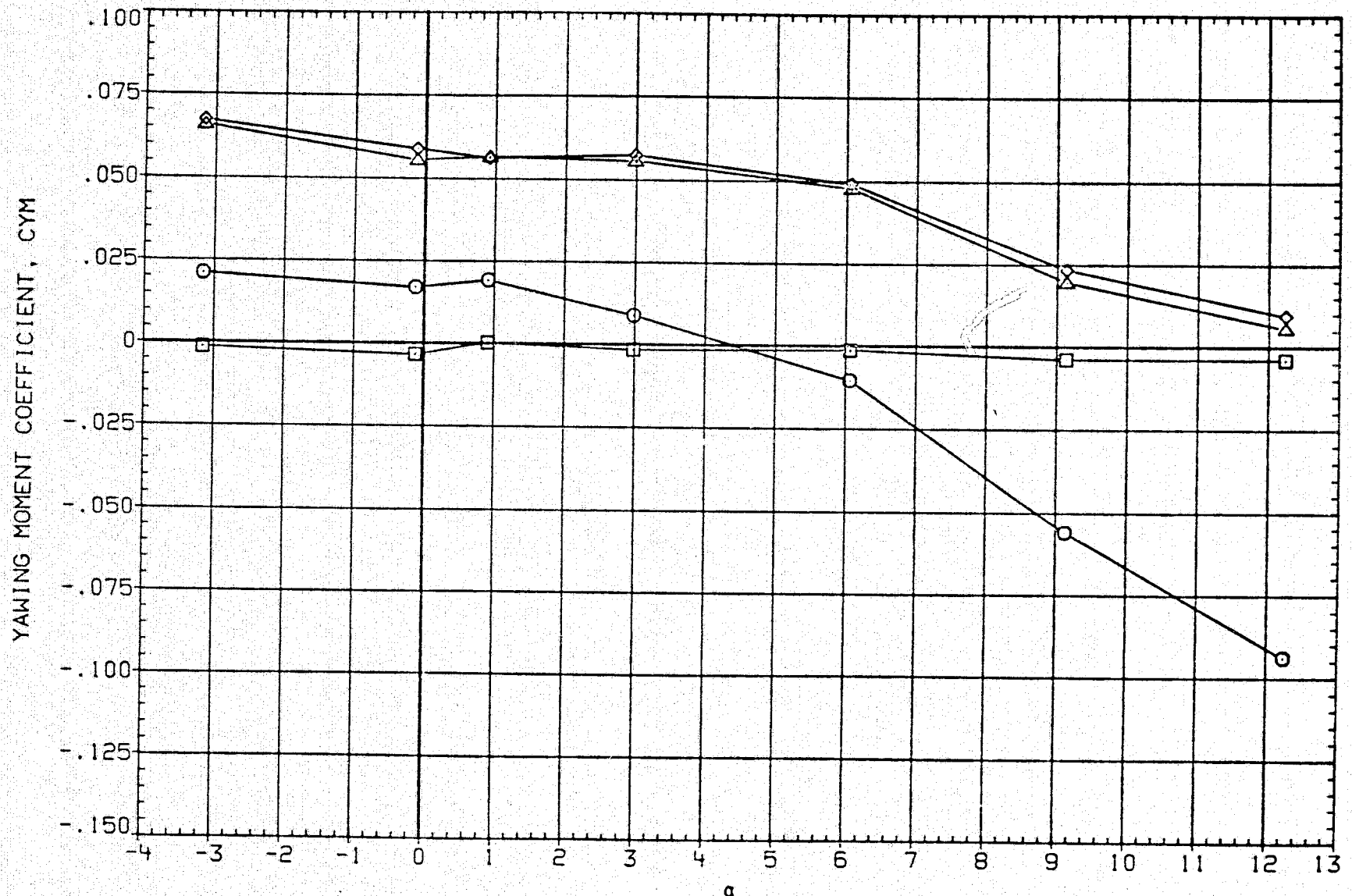



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ096) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.494 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | 3.000 | D4 | 3.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | PHI-T | .000 |

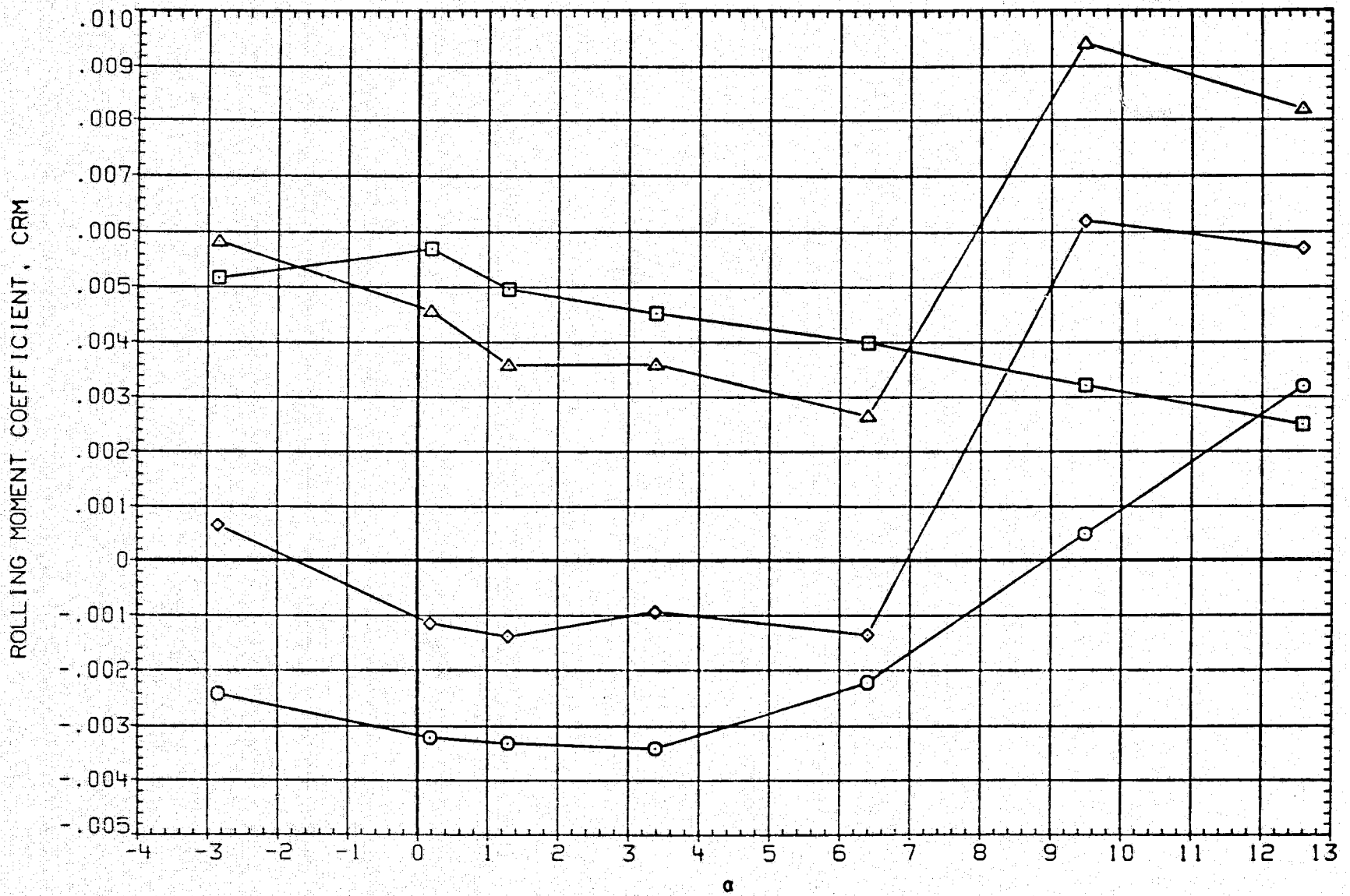



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ096) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMC |
| ◇ | CRMT |
| △ | CRMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.990 | 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 |

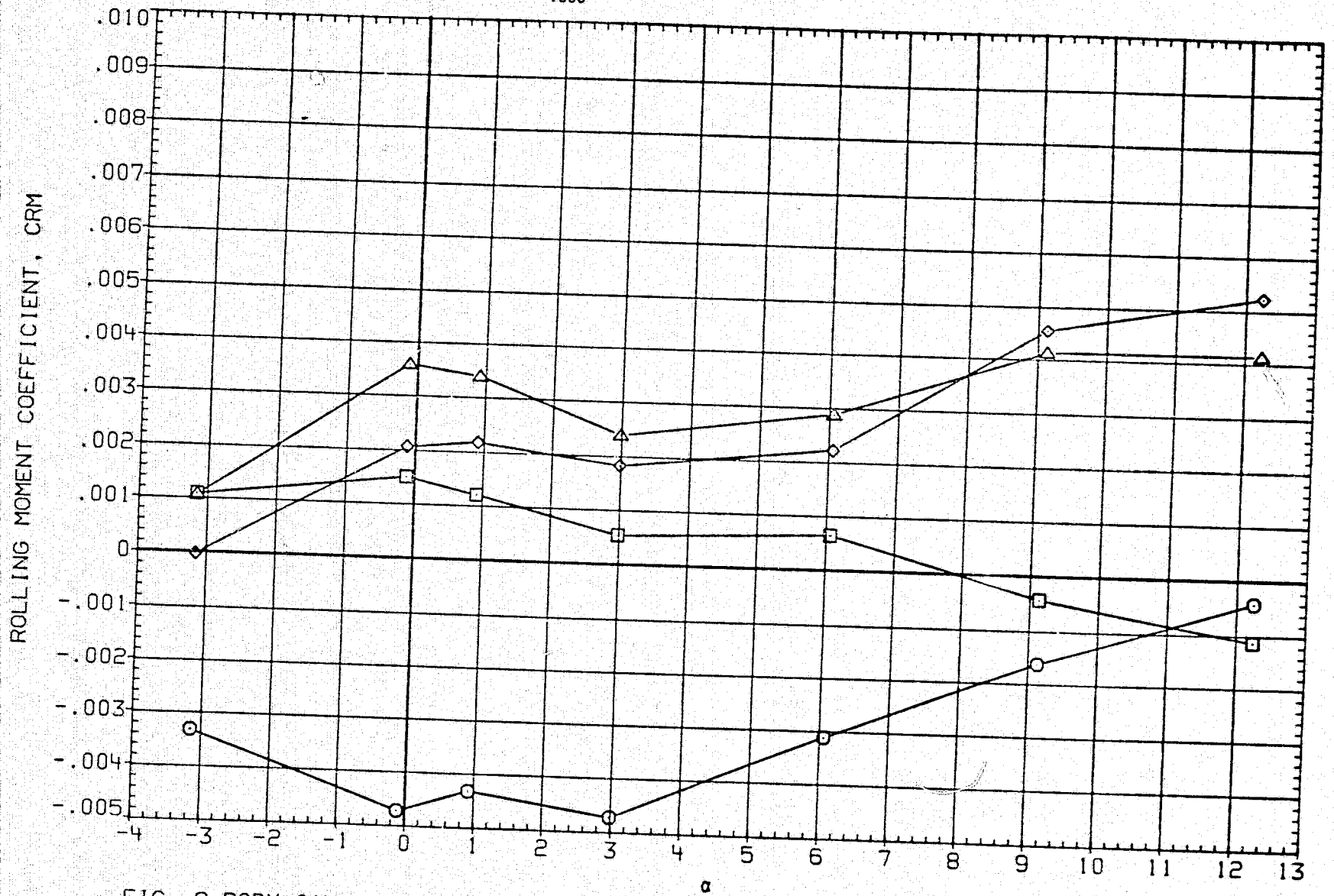



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

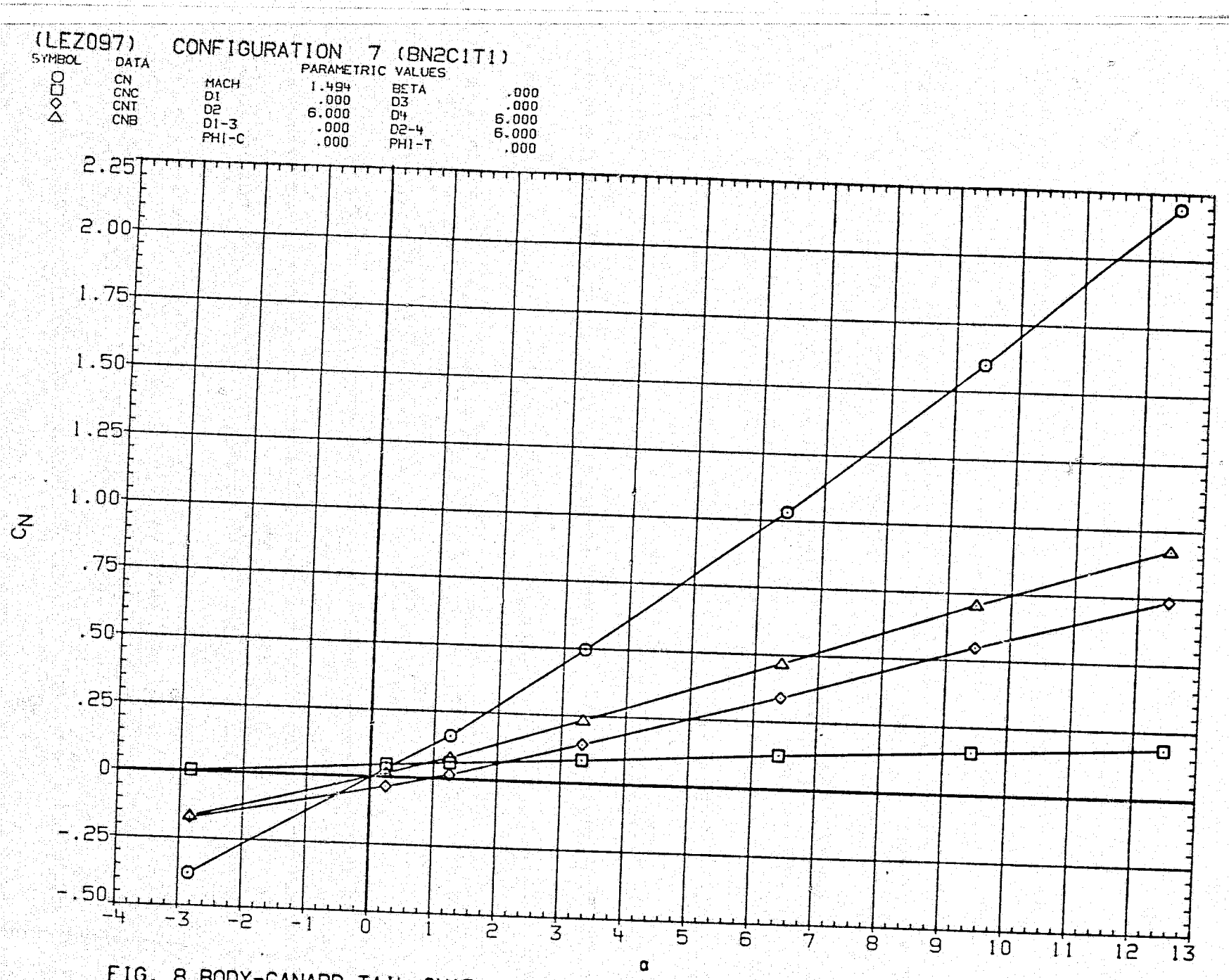



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ097) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNC |
| ◇ | CNT |
| △ | CNB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.990 | 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 |

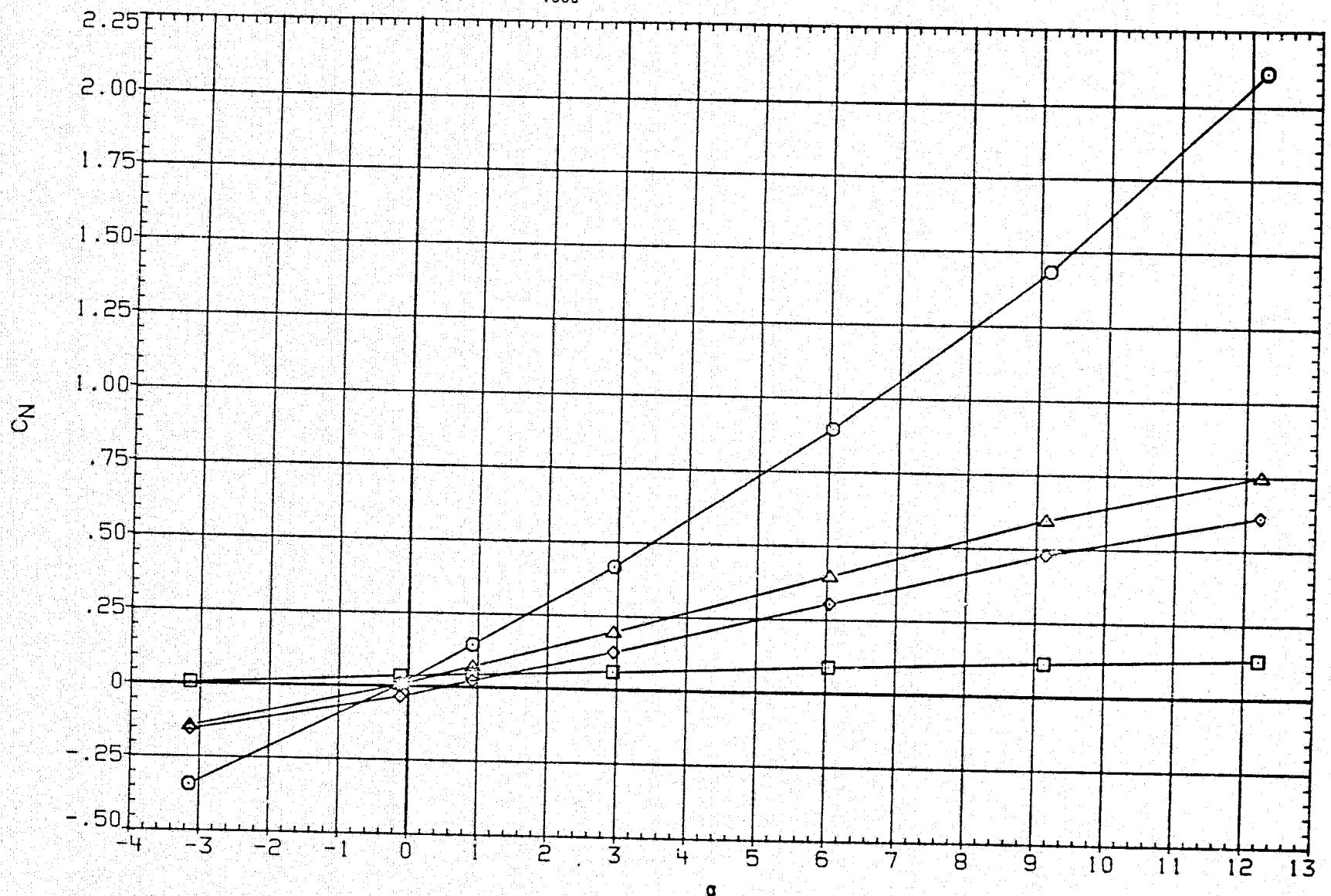



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ097) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CM |
| □ | CMC |
| ◇ | CMT |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.494 | 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 |

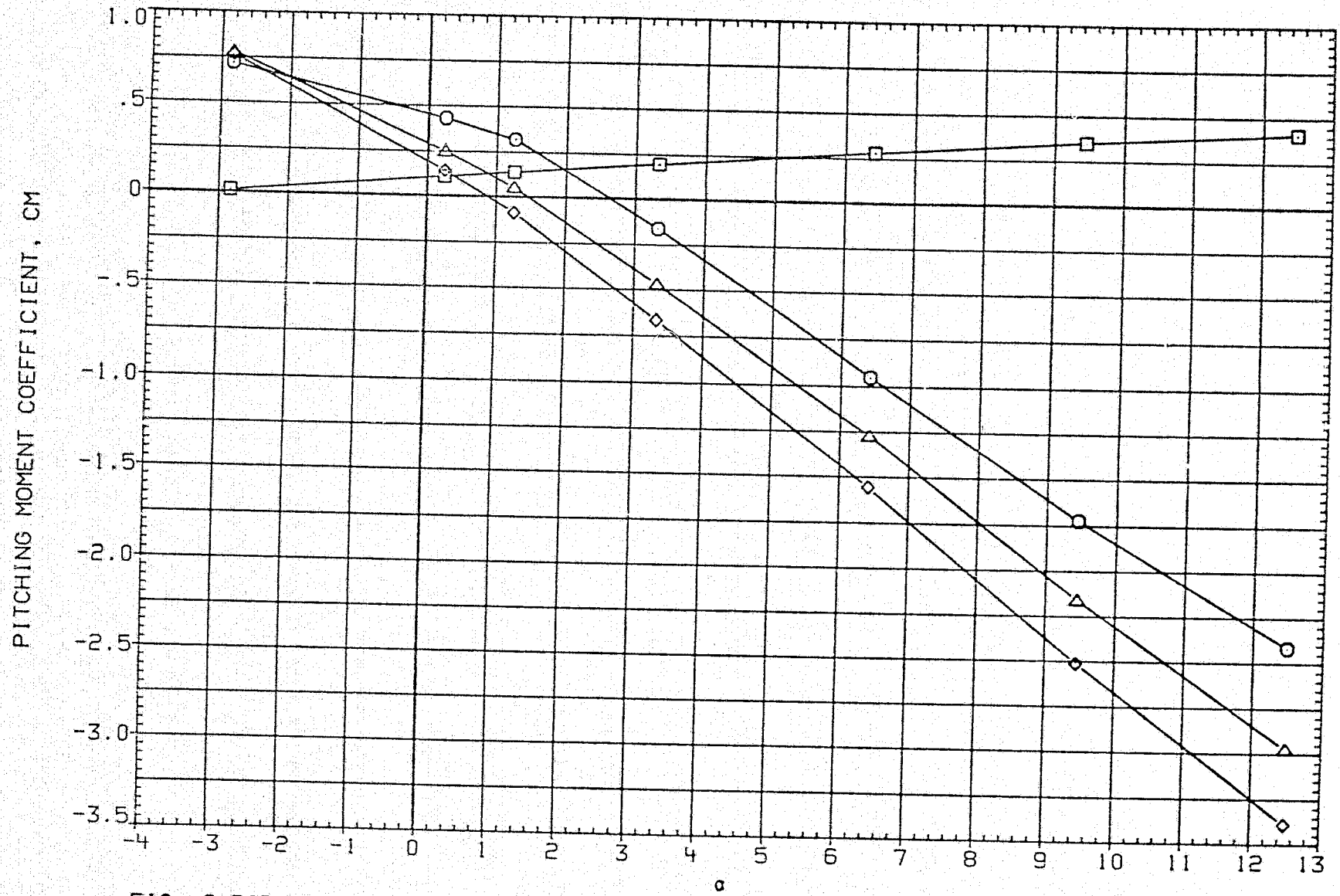



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ097) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.990 | BETA | .000 |
| □ | CMC | 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 |

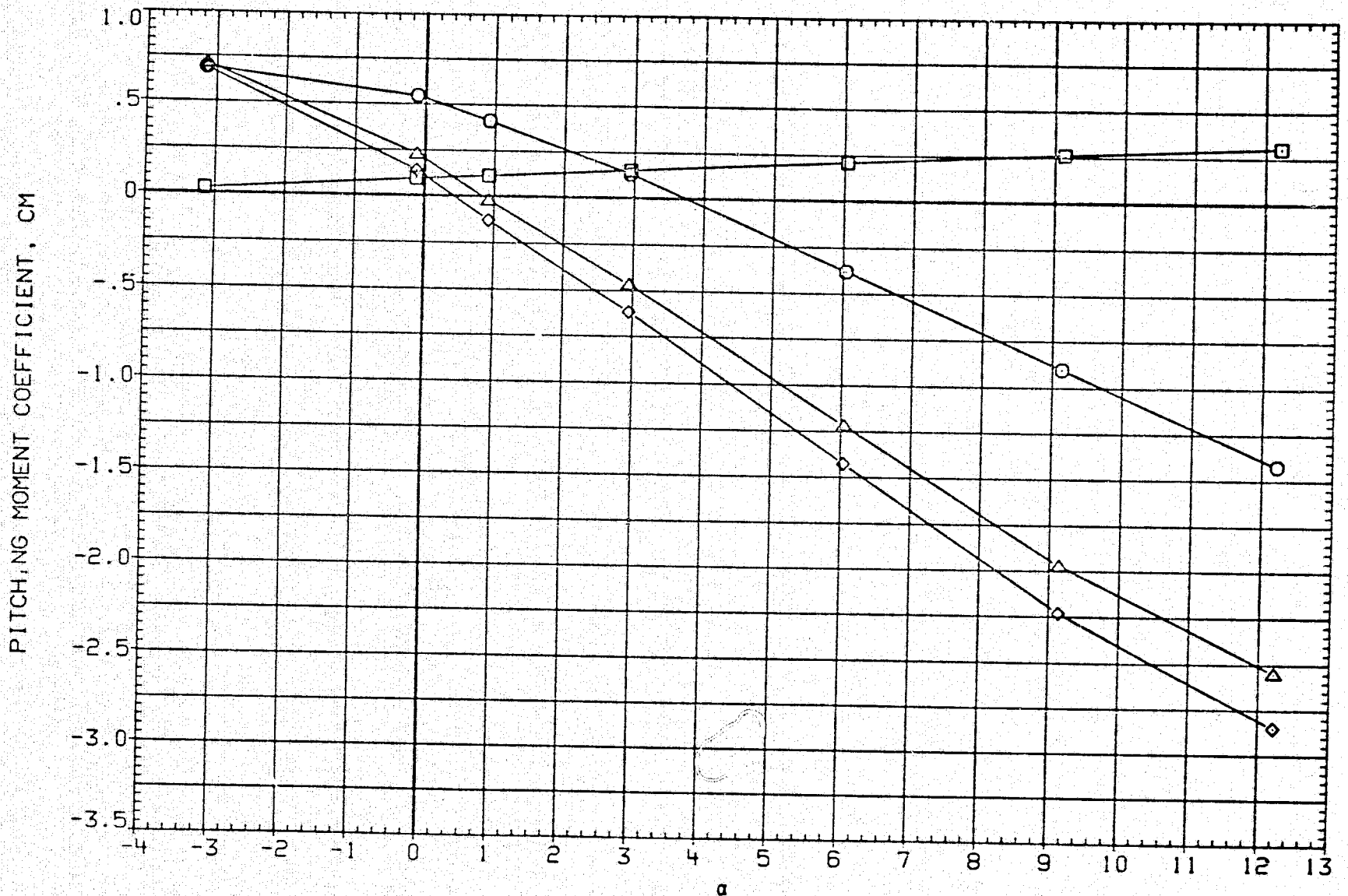



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ097) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.494 | 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 |

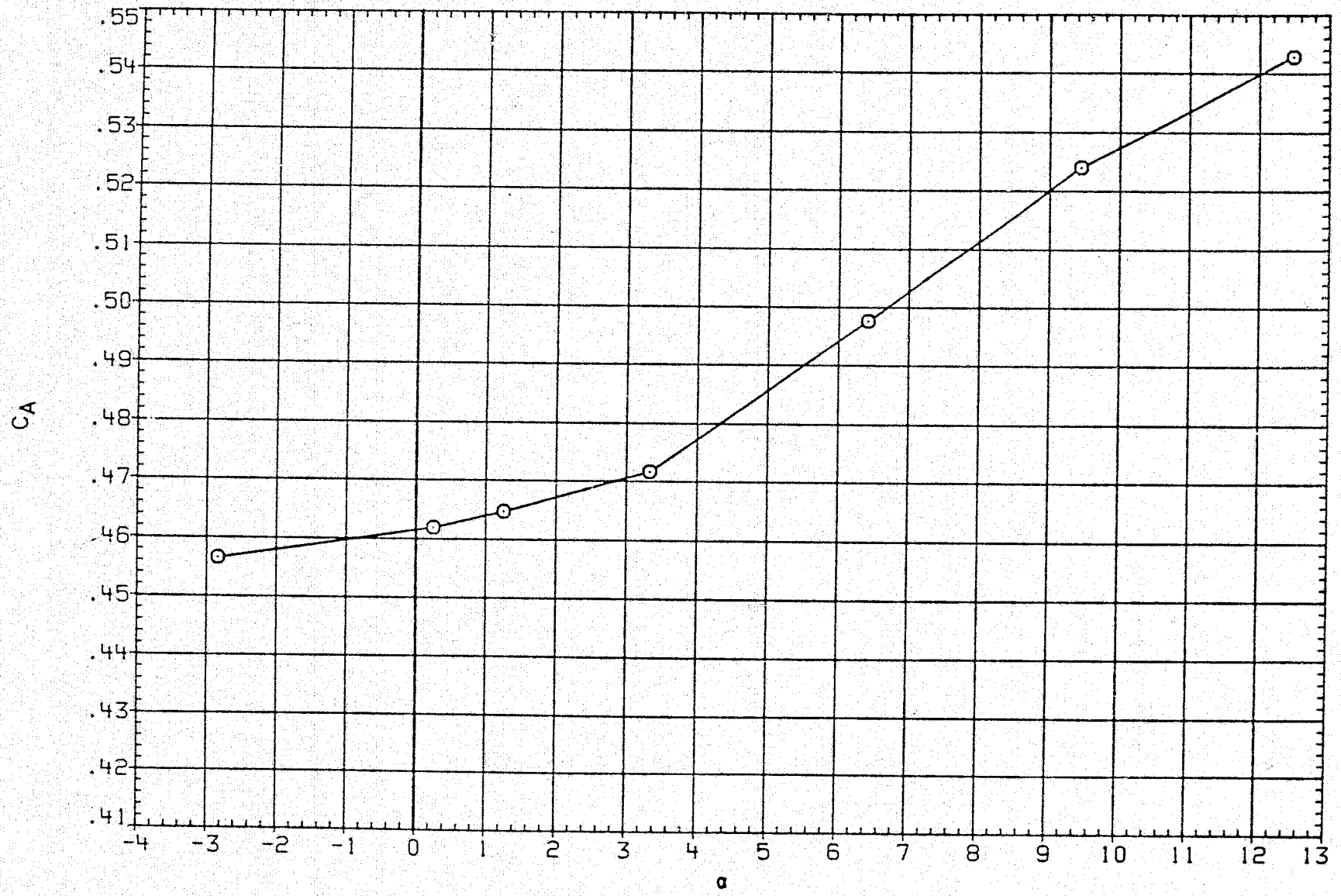



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ097) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.990 | 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 |

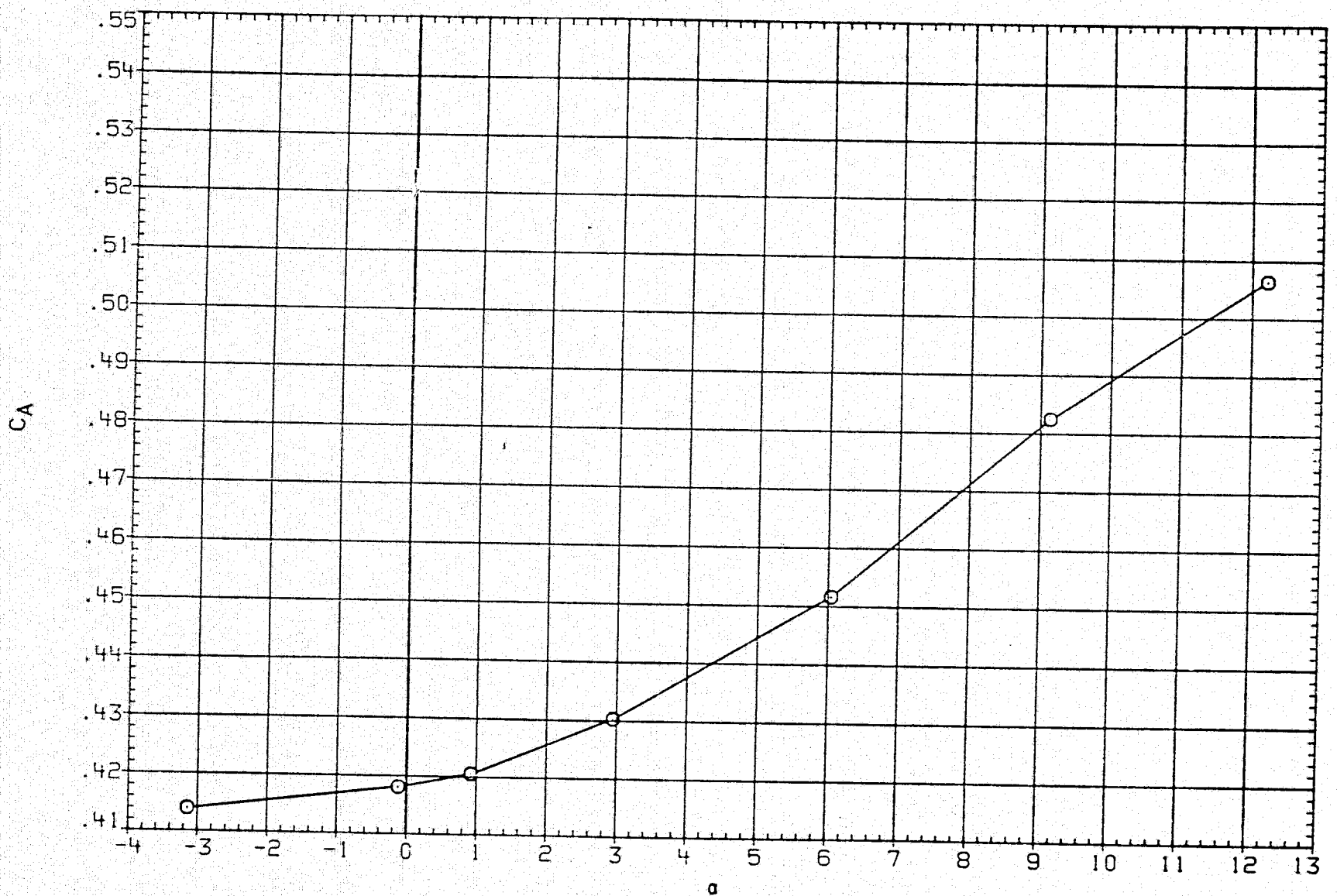



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ097) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.494 | 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 |

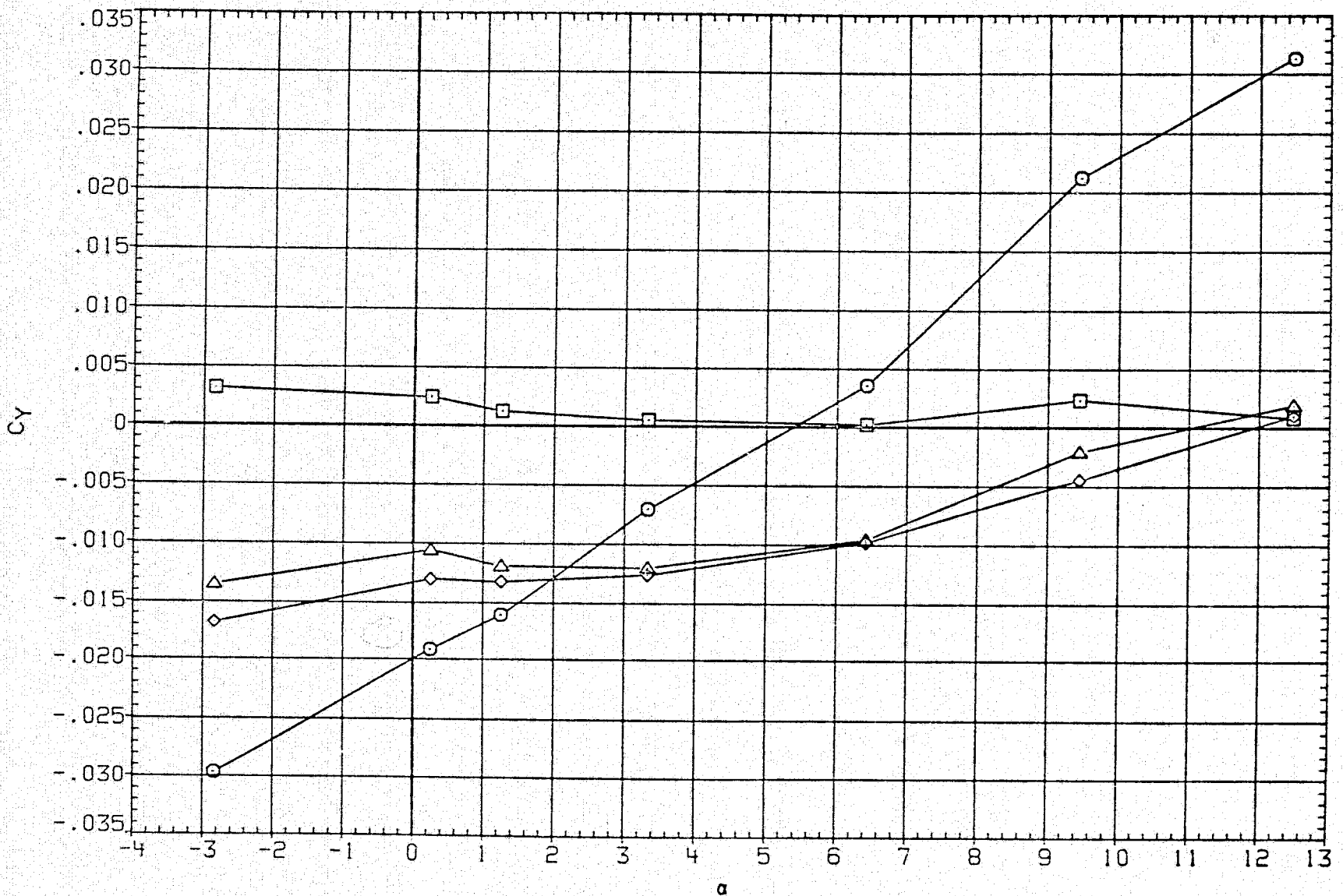



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ097) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CY |
| □ | CYC |
| ◇ | CYT |
| △ | CYB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.990 | 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 |

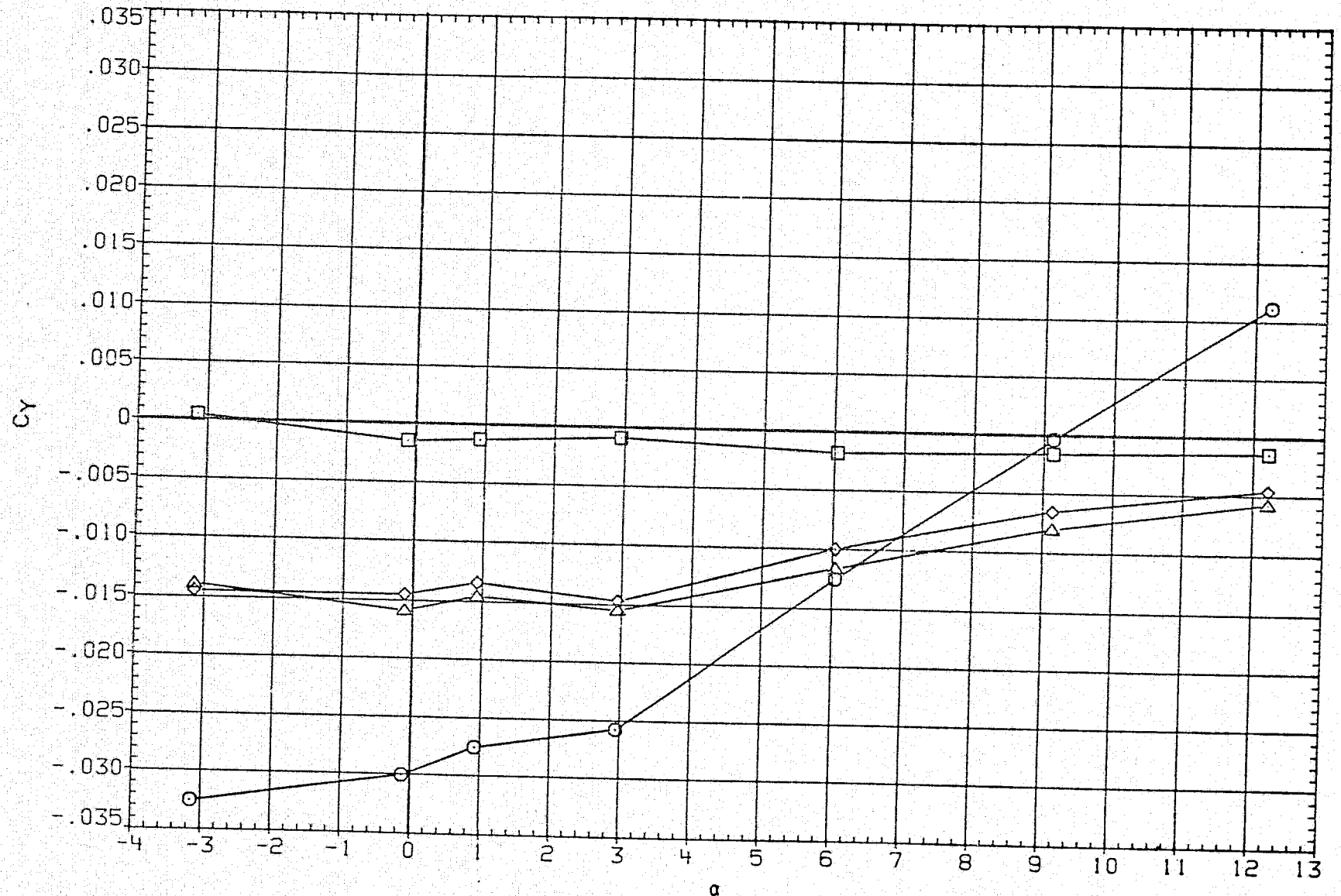



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ097) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CYM |
| □ | CYMC |
| ◇ | CYMT |
| △ | CYMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.494 | 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 |

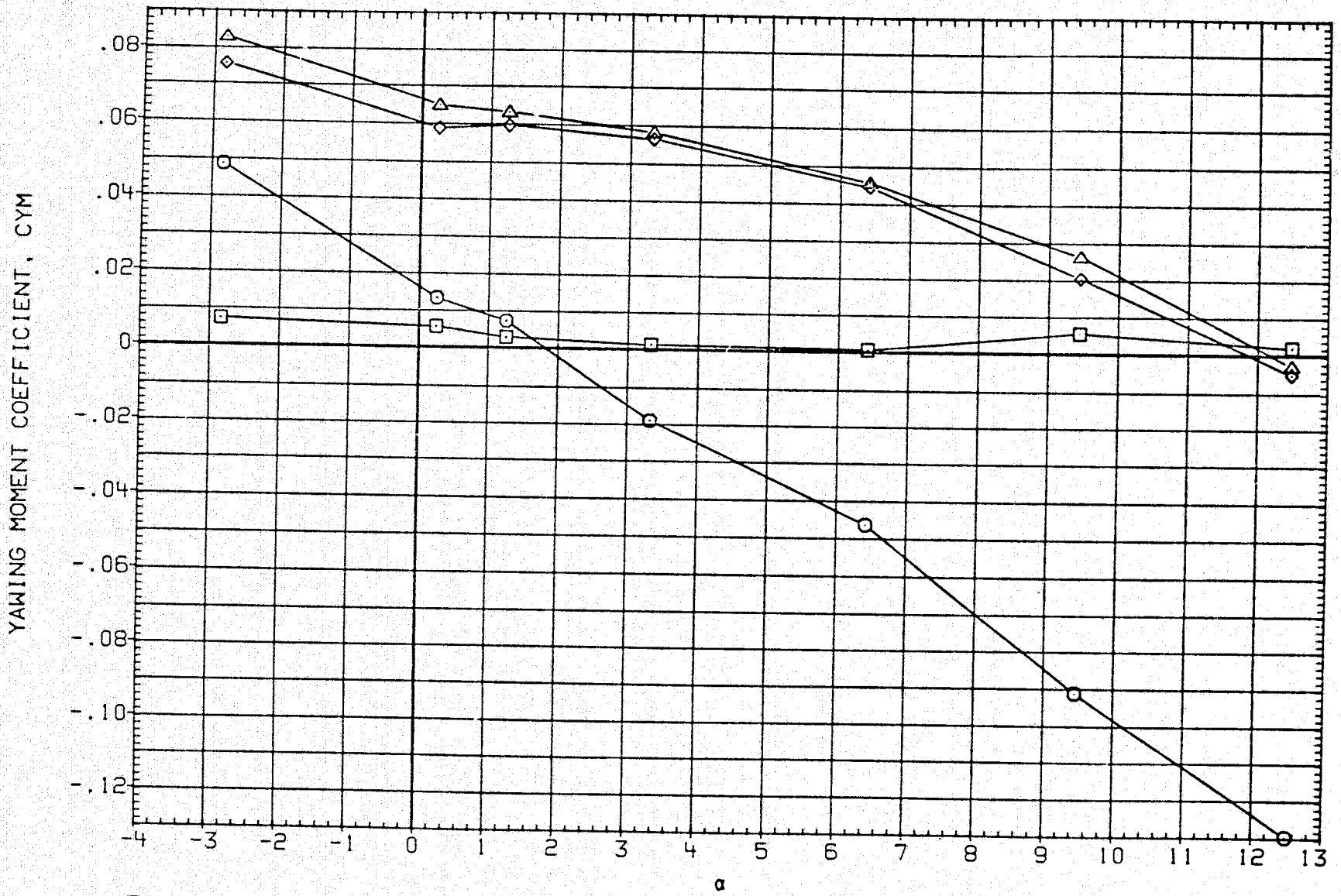



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(ME2097) CONFIGURATION 7 (BN2C1T1)

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

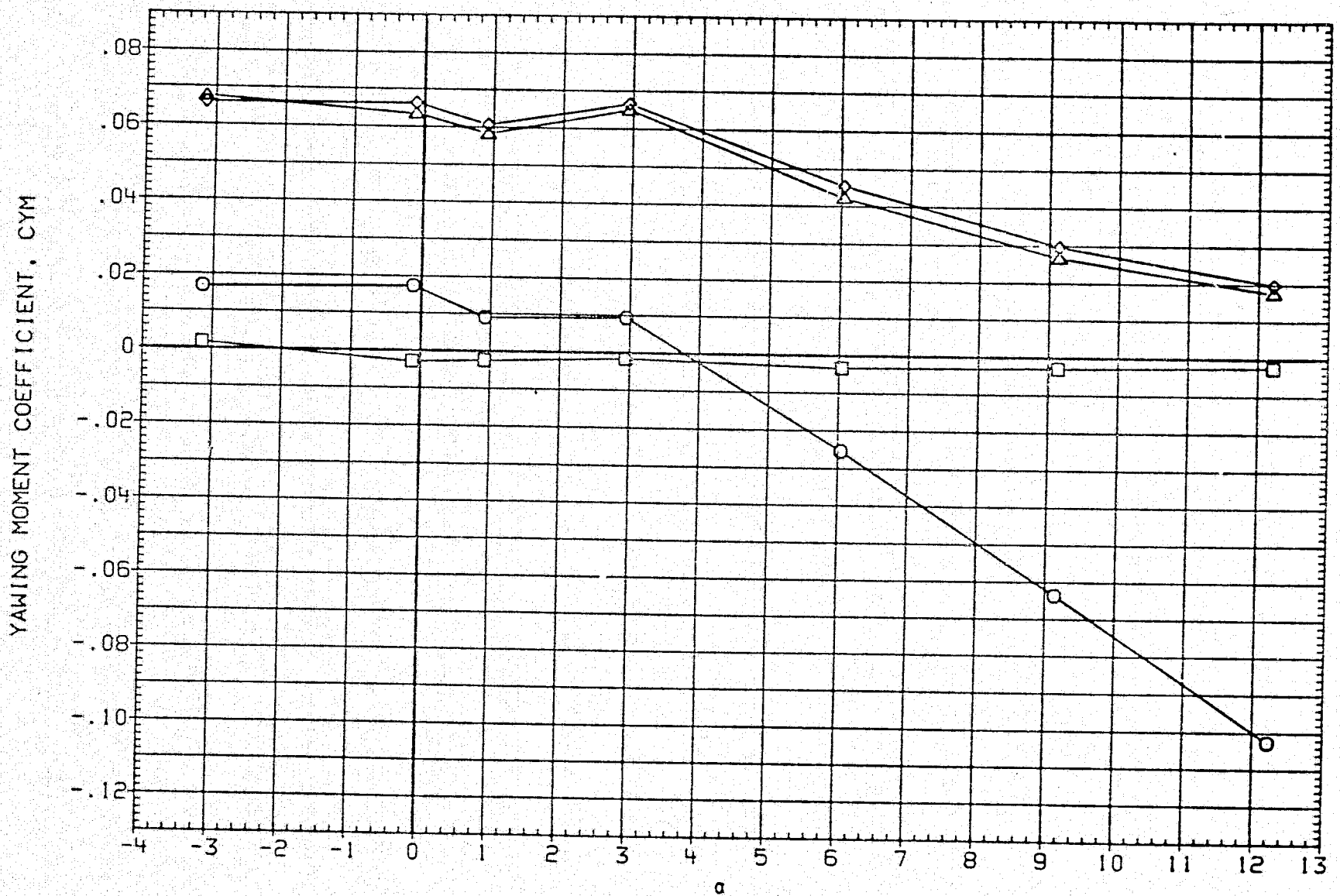



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

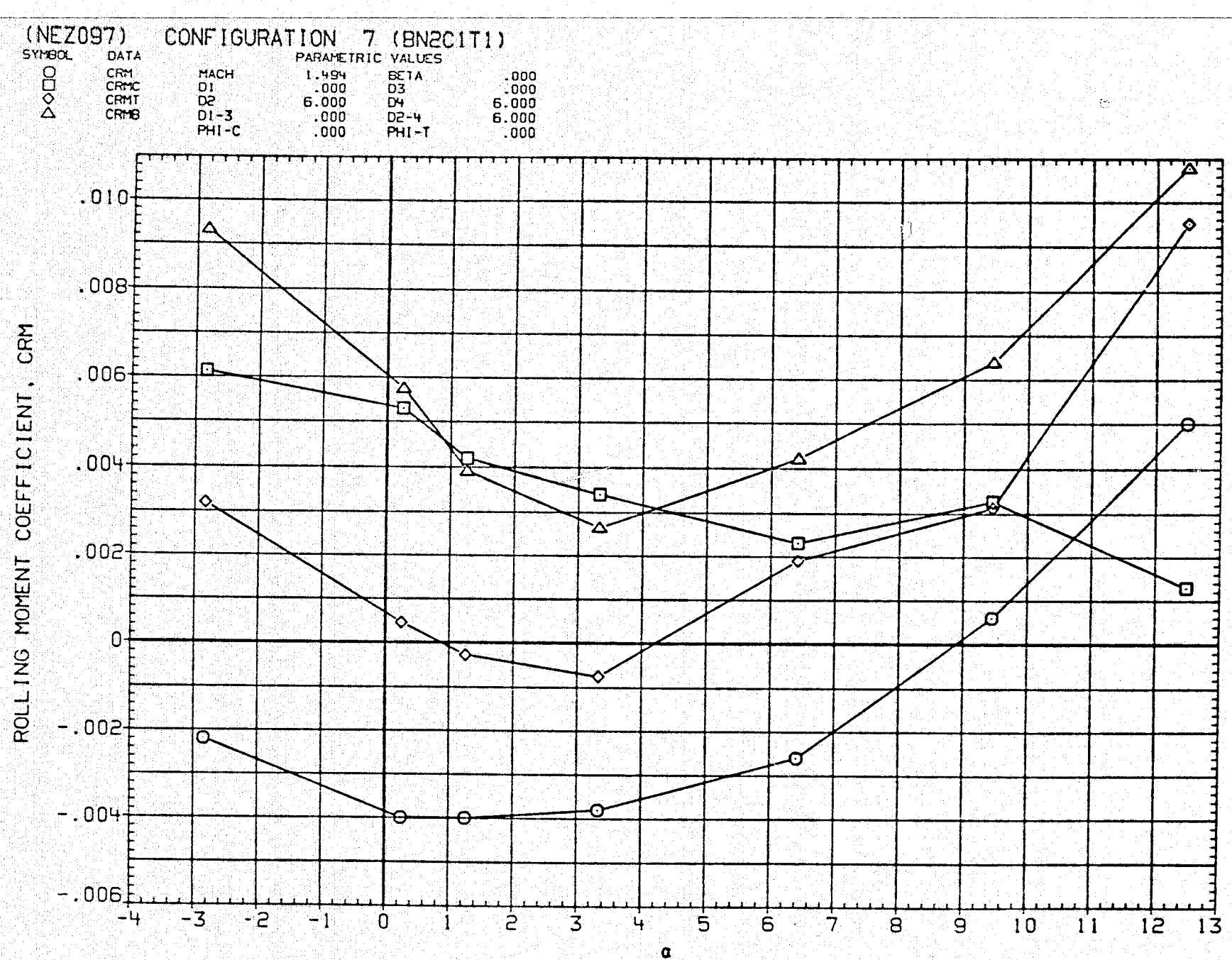



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ097) CONFIGURATION 7 (BN2C1T1)

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

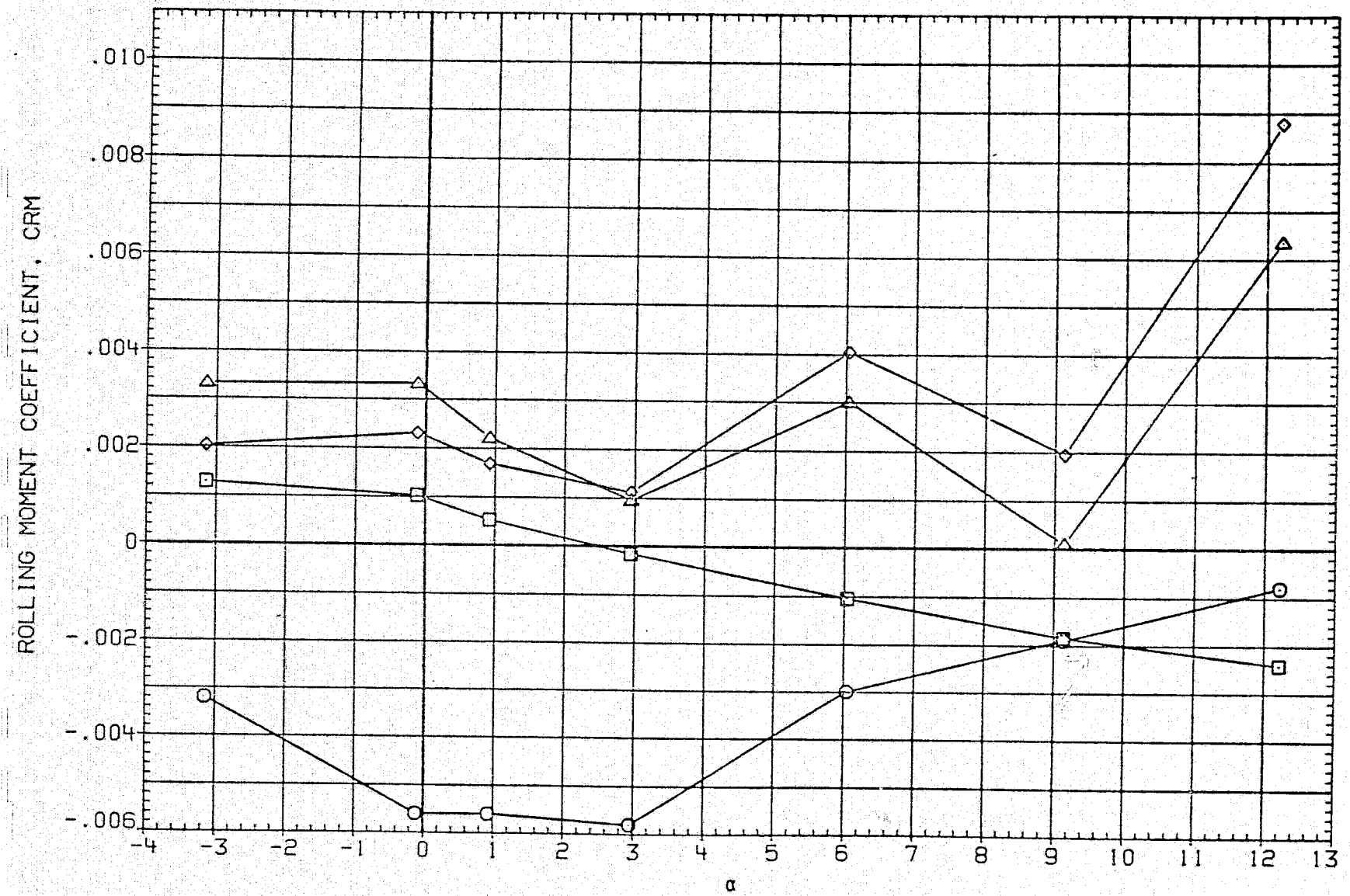



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ098) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.492 | BETA | .000 |
| □ | CNC | D1 | .000 | D3 | .000 |
| ◇ | CNT | D2 | 9.000 | D4 | 9.000 |
| △ | CNB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

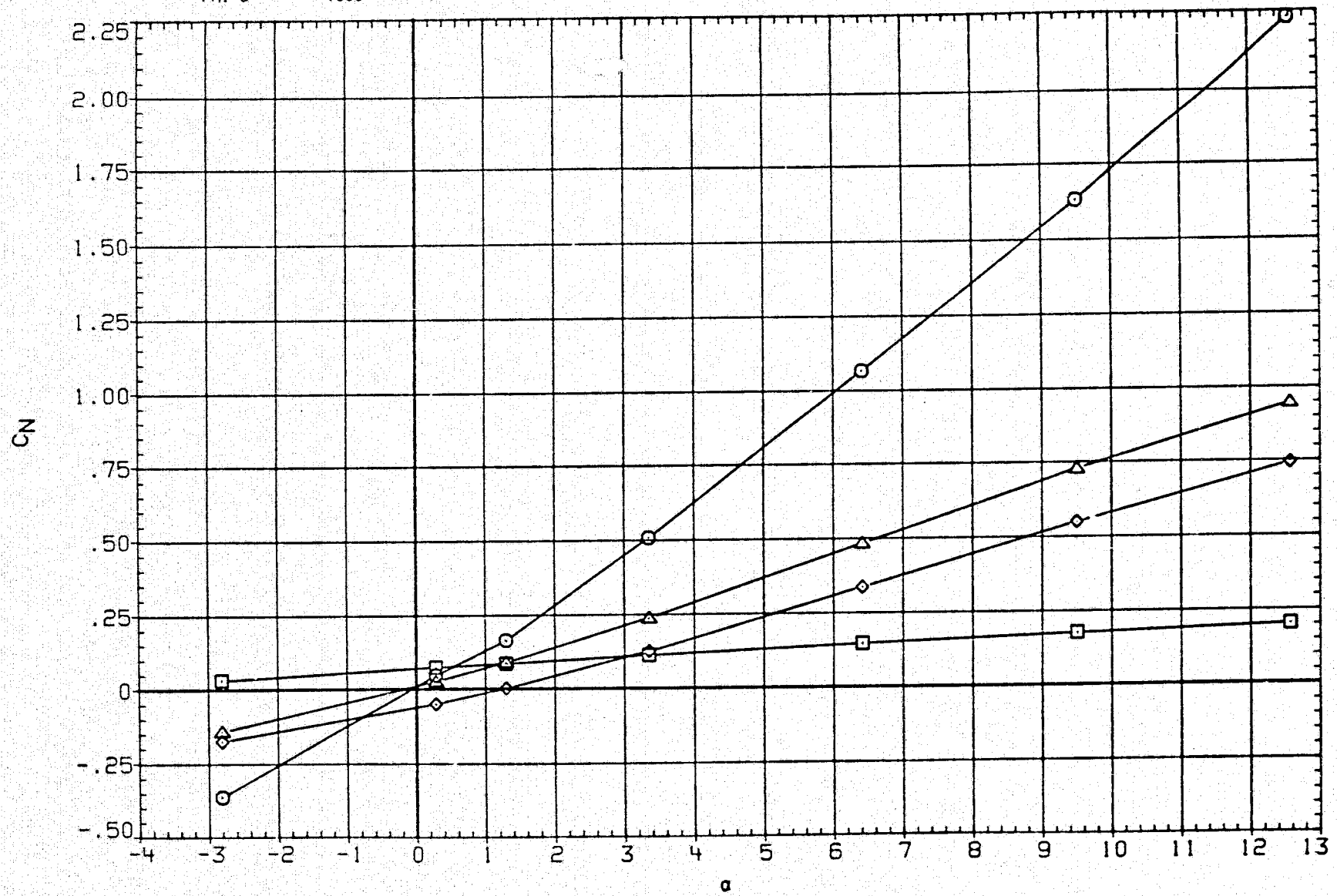



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ098) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNC |
| ◇ | CNT |
| △ | CNB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.990 | 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 |

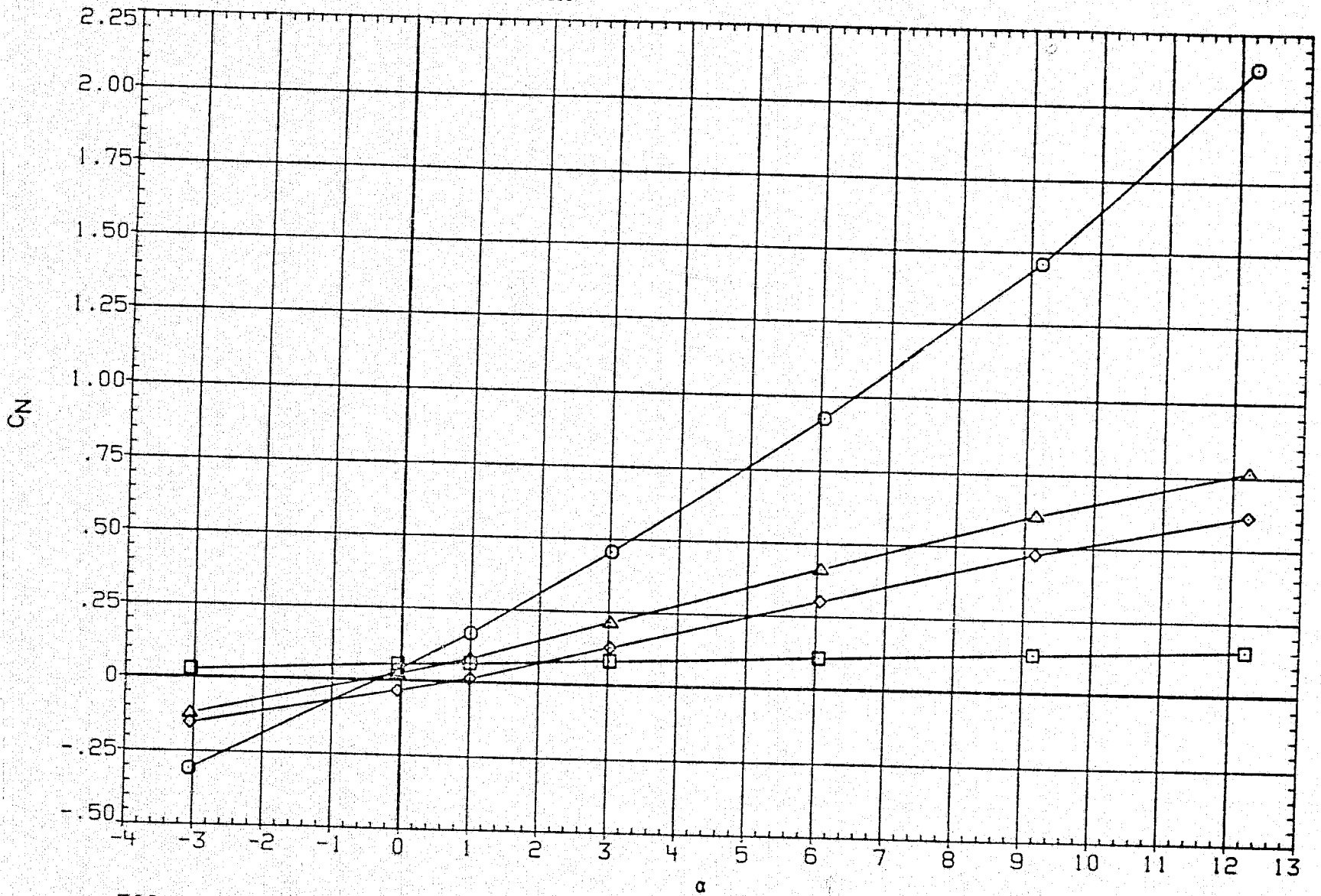



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ098) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.492 | BETA | .000 |
| □ | CMC | D1 | .000 | D3 | .000 |
| ◇ | CMT | D2 | 9.000 | D4 | 9.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

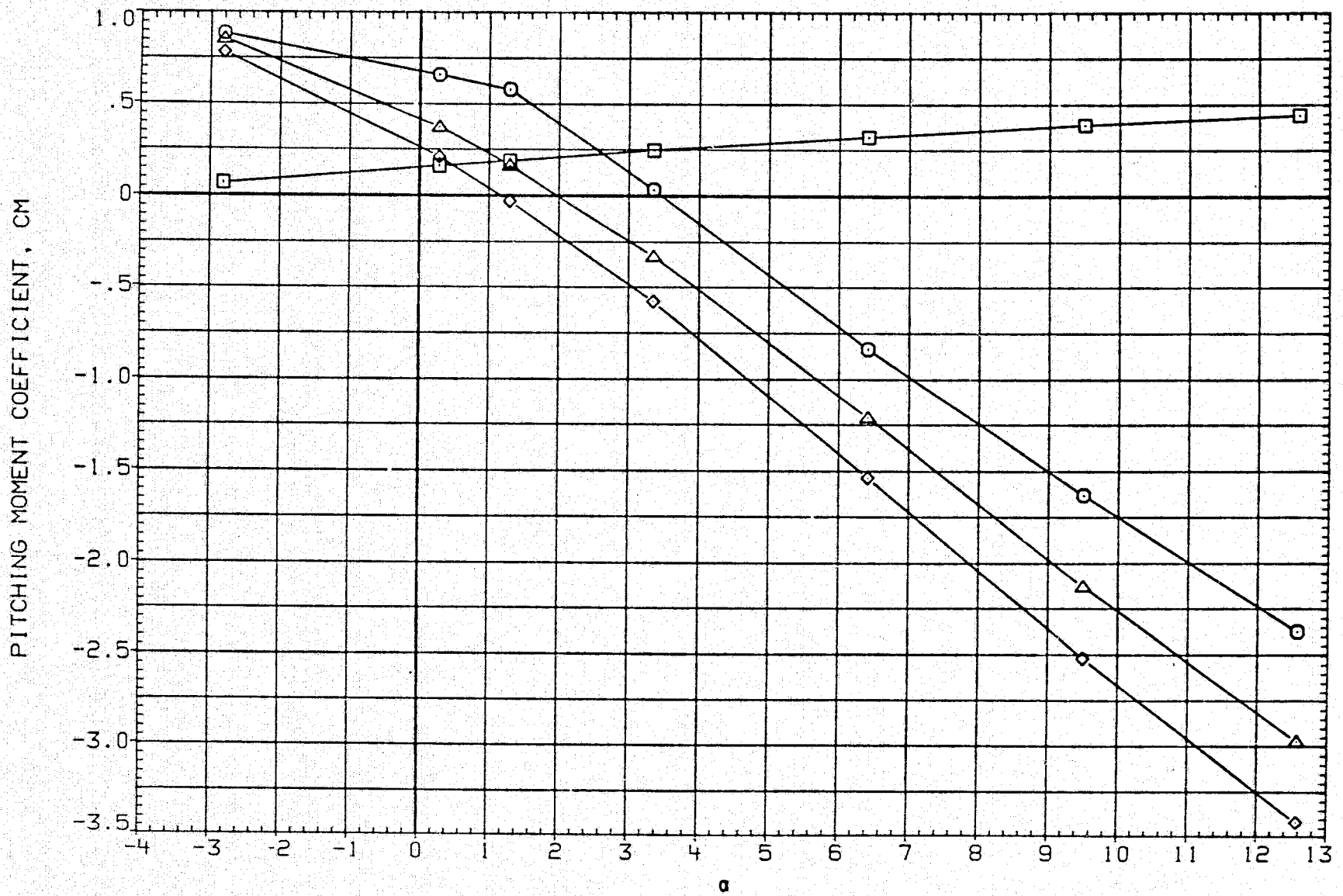



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ098) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.990 | BETA | .000 |
| □ | CMC | D1 | .000 | D3 | .000 |
| ◇ | CMT | D2 | 9.000 | D4 | 9.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

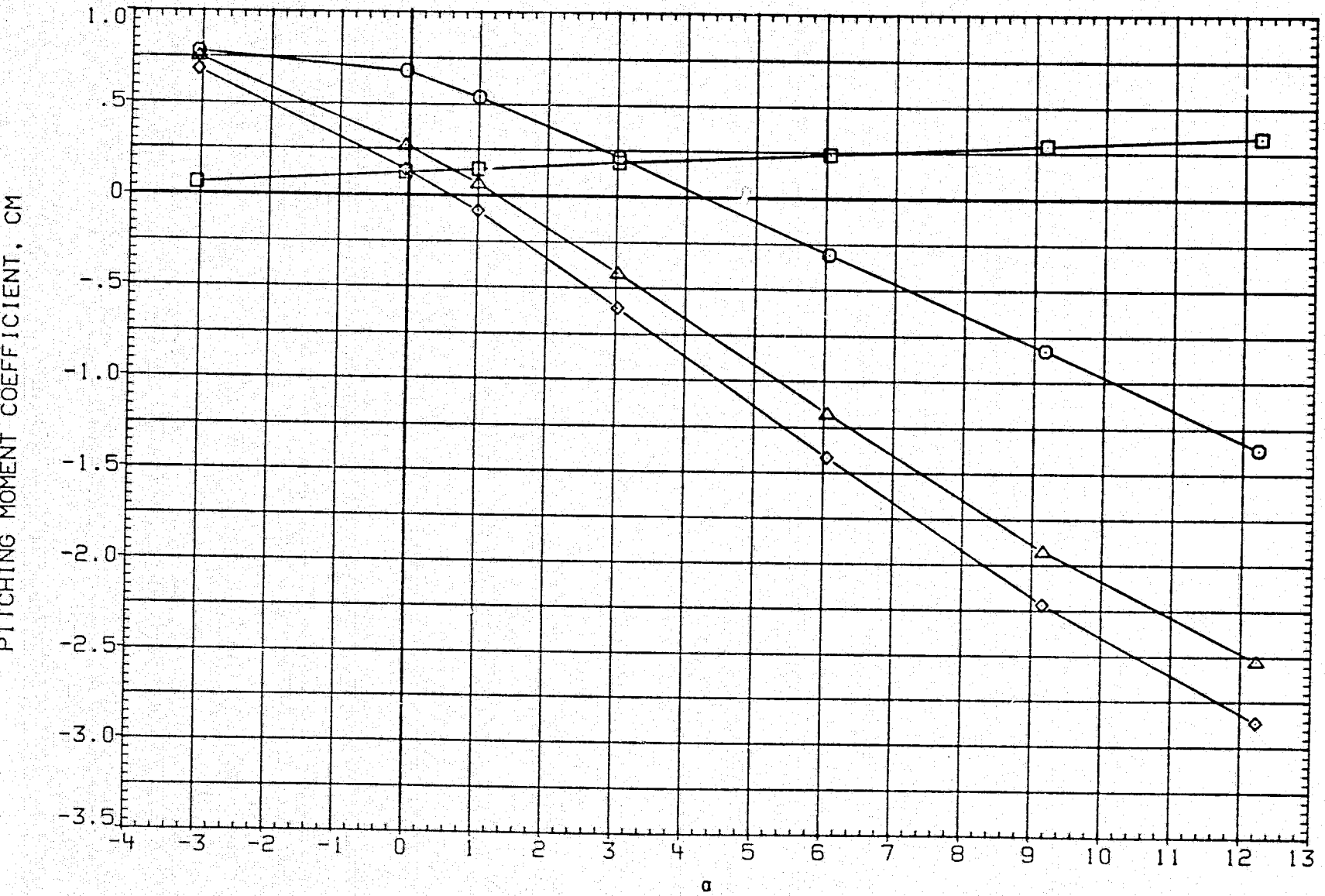



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ098) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.492 | 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 |

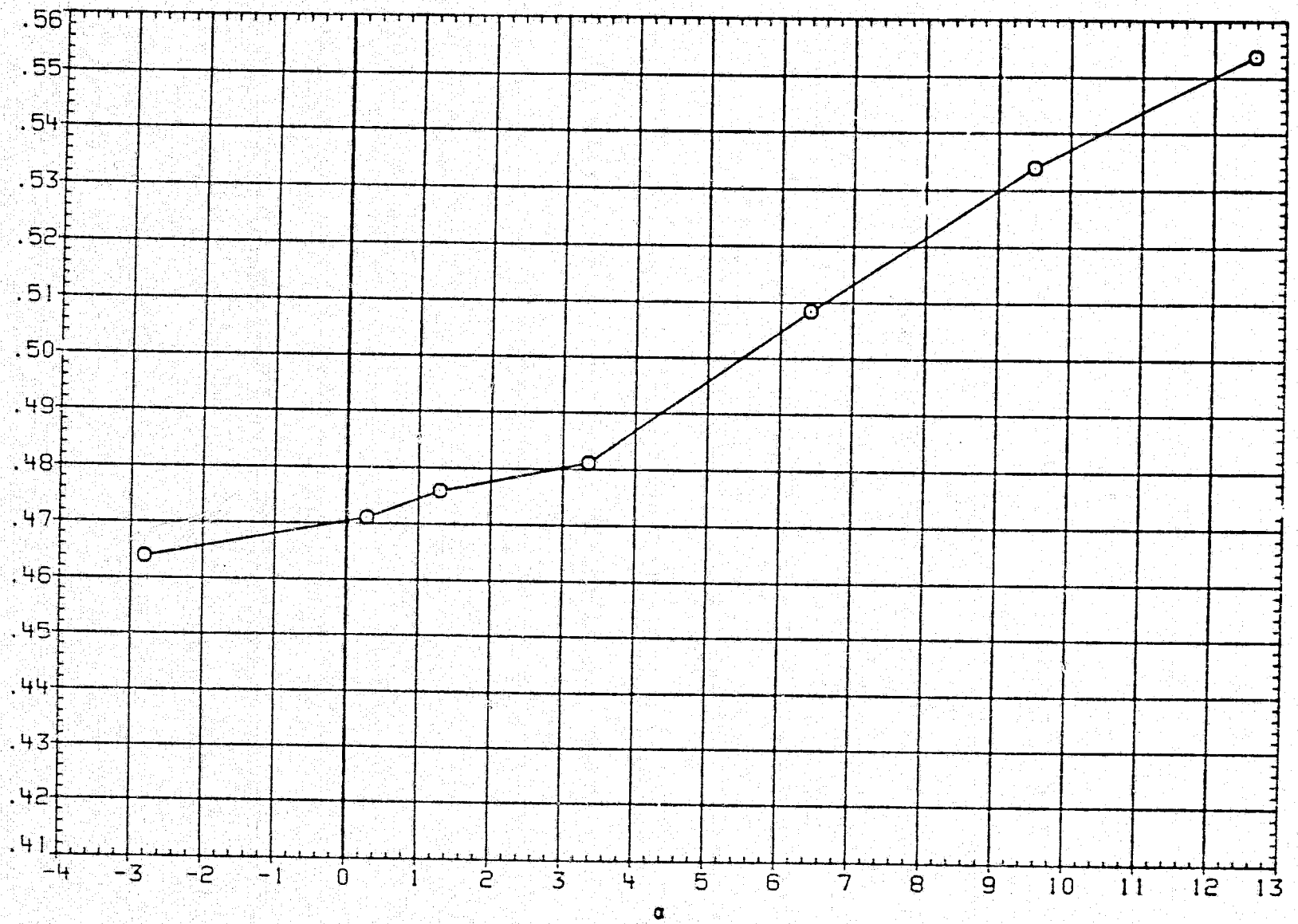



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ098) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.990 | PETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 9.000 | D4 | 9.000 |
| D1-3 | .000 | D2-4 | 9.000 |
| PHI-C | .000 | PHI-T | .000 |

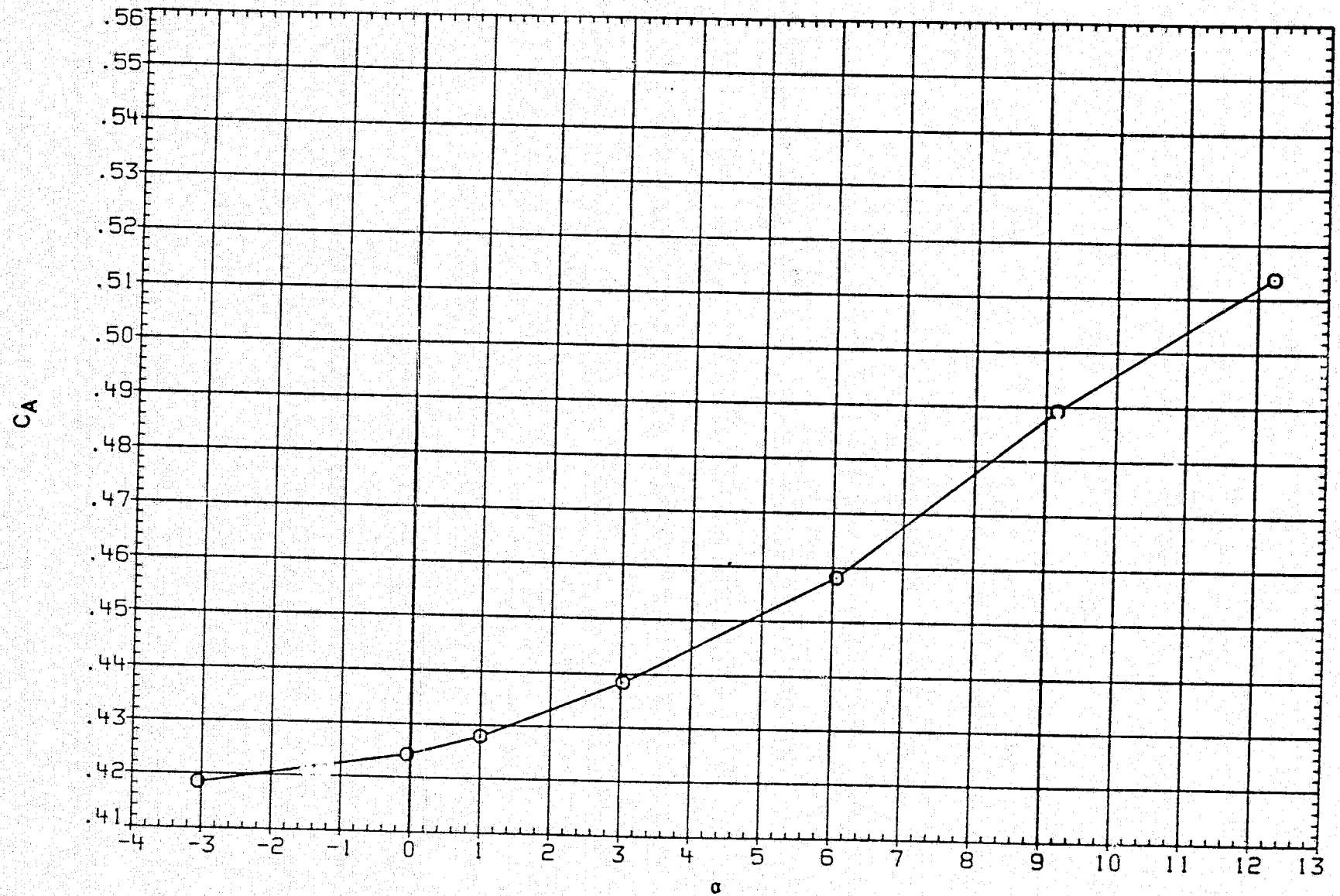



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ098) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CY |
| □ | CYC |
| ◇ | CYT |
| △ | CYB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.492 | 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 |

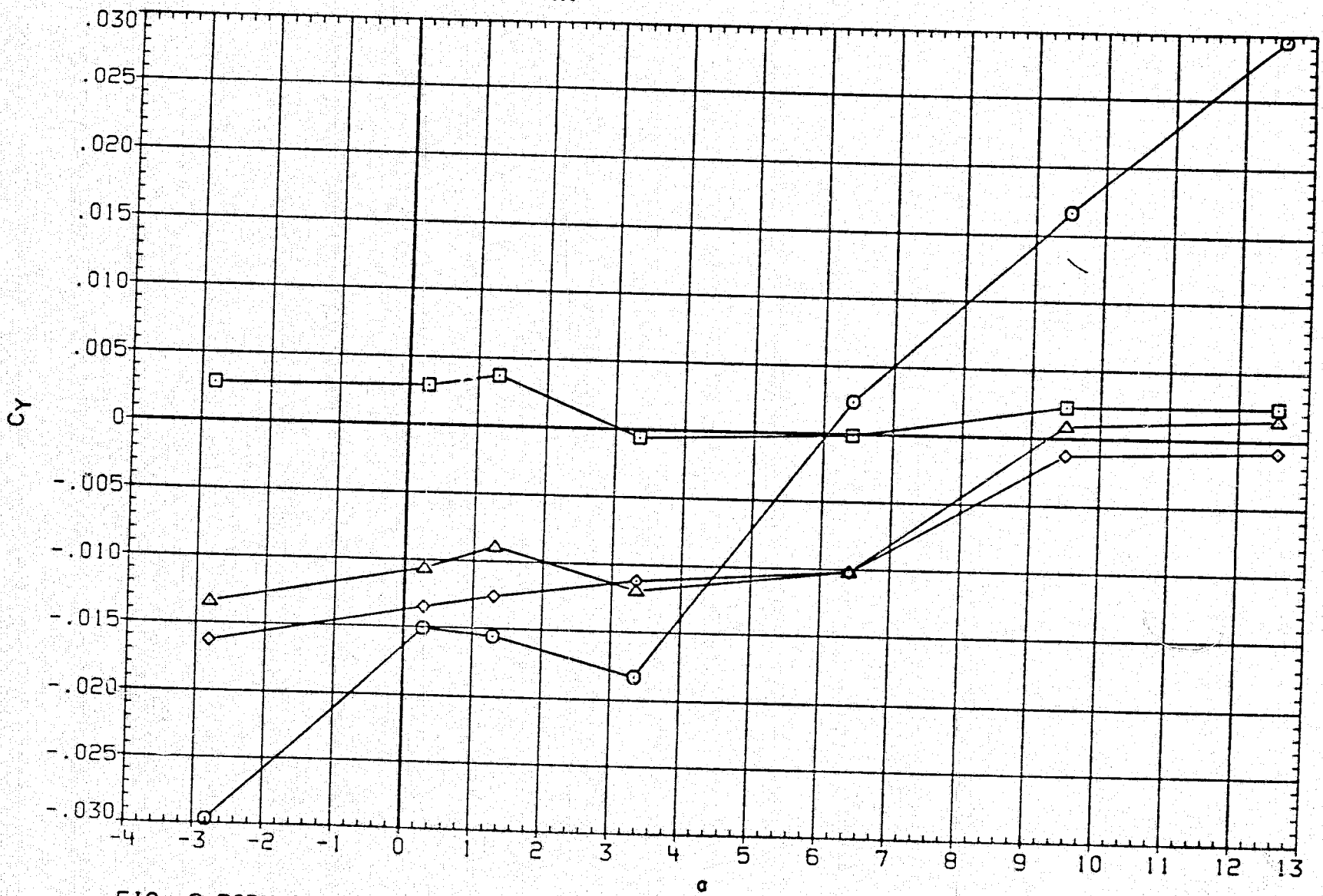



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ098) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.990 | BETA | .000 |
| □ | CYC | D1 | .000 | D3 | .000 |
| ◇ | CYT | D2 | 9.000 | D4 | 9.000 |
| △ | CYB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

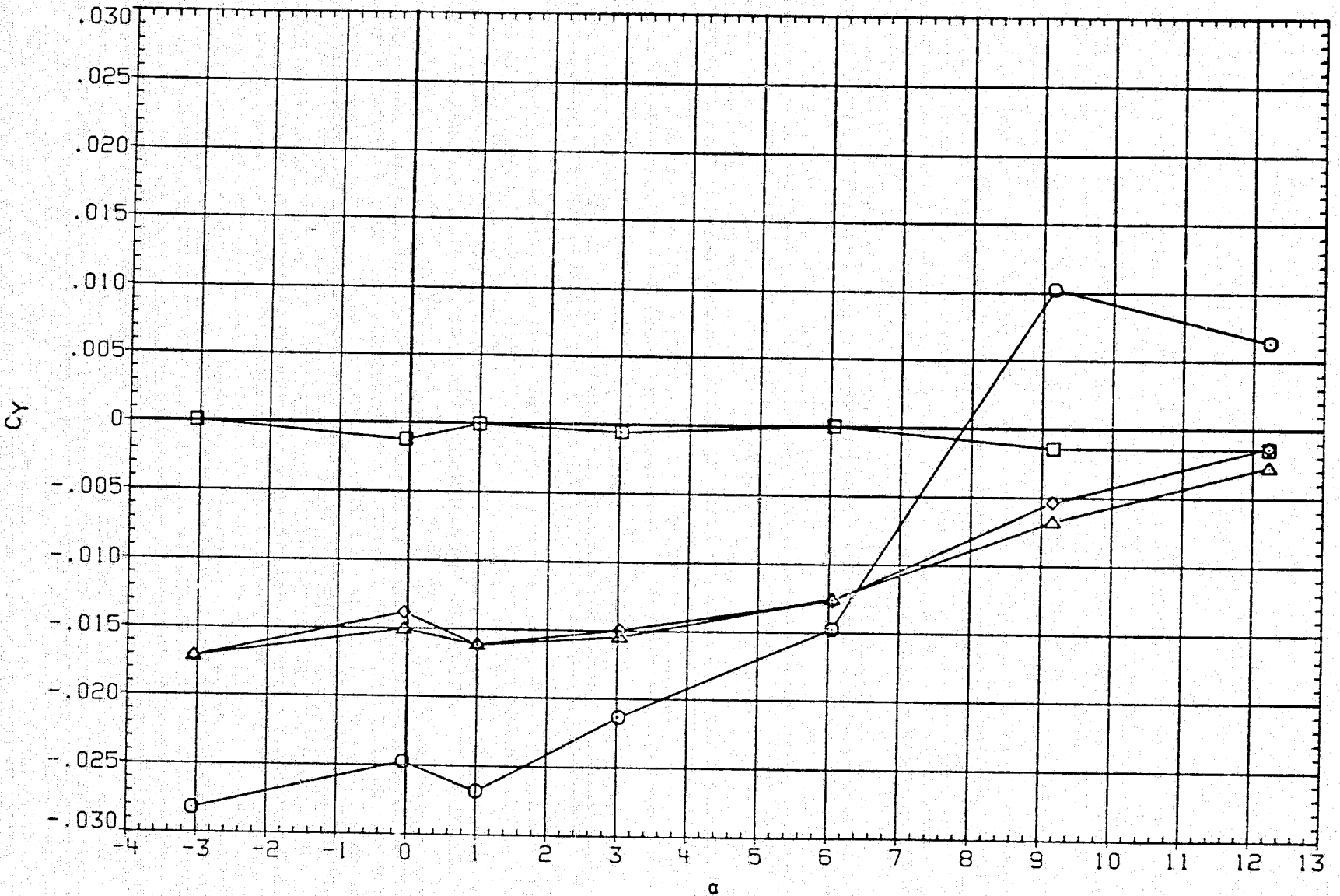



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ098) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.492 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | 9.000 | D4 | 9.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

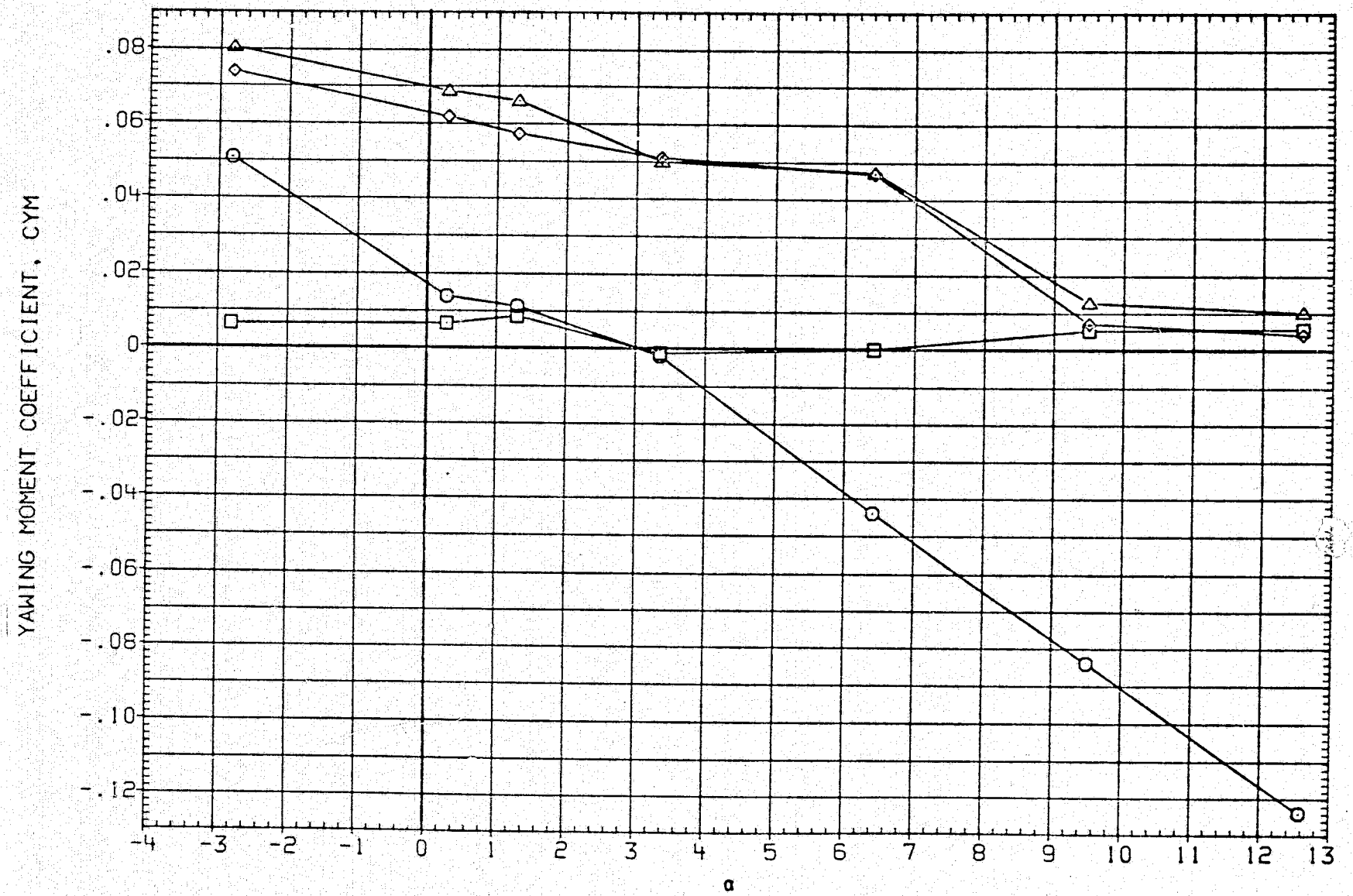



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.990 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | 9.000 | D4 | 9.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

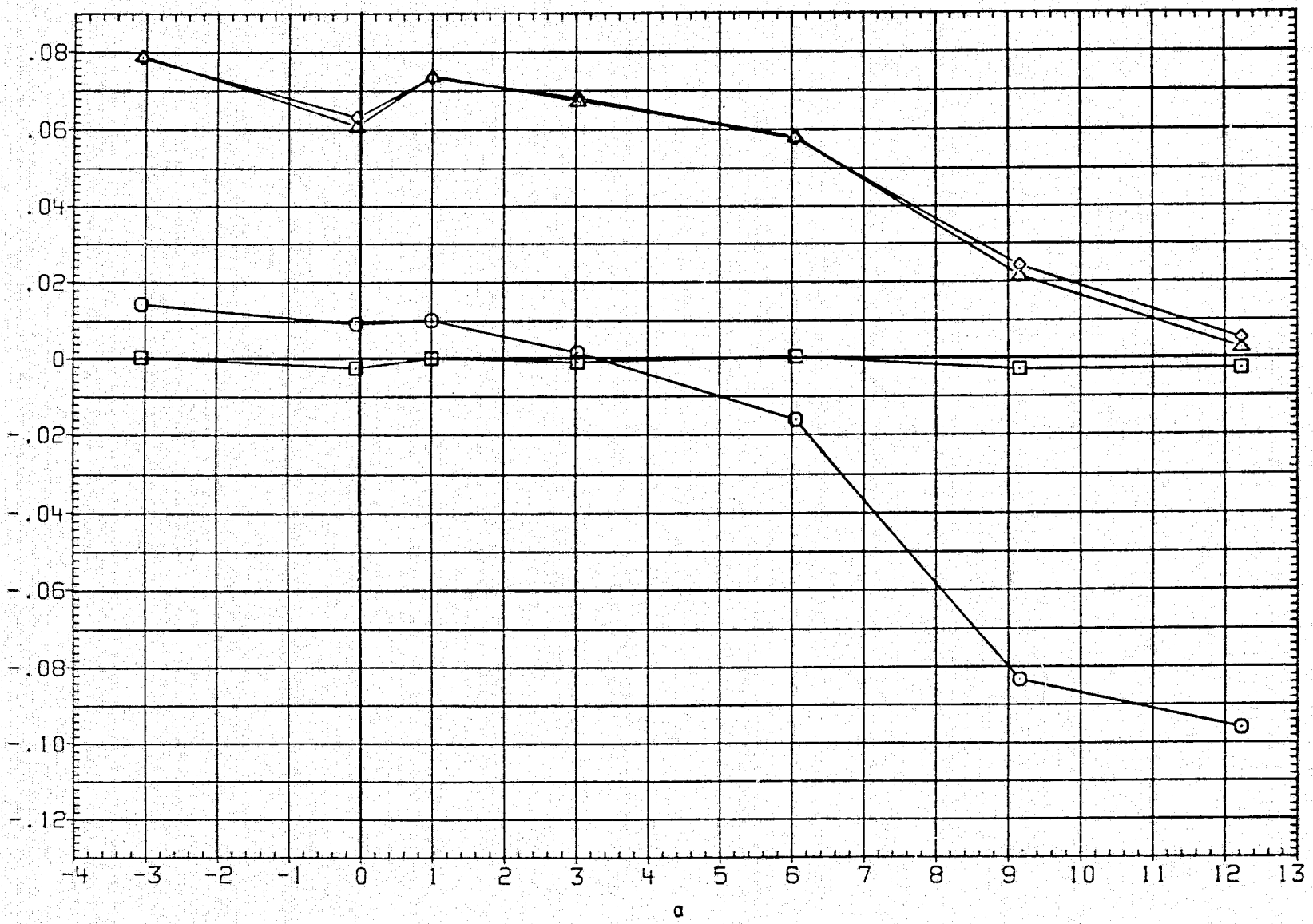



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ098) CONFIGURATION 7 (BN2CITI)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMC |
| ◇ | CRMT |
| △ | CRMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.492 | 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 |

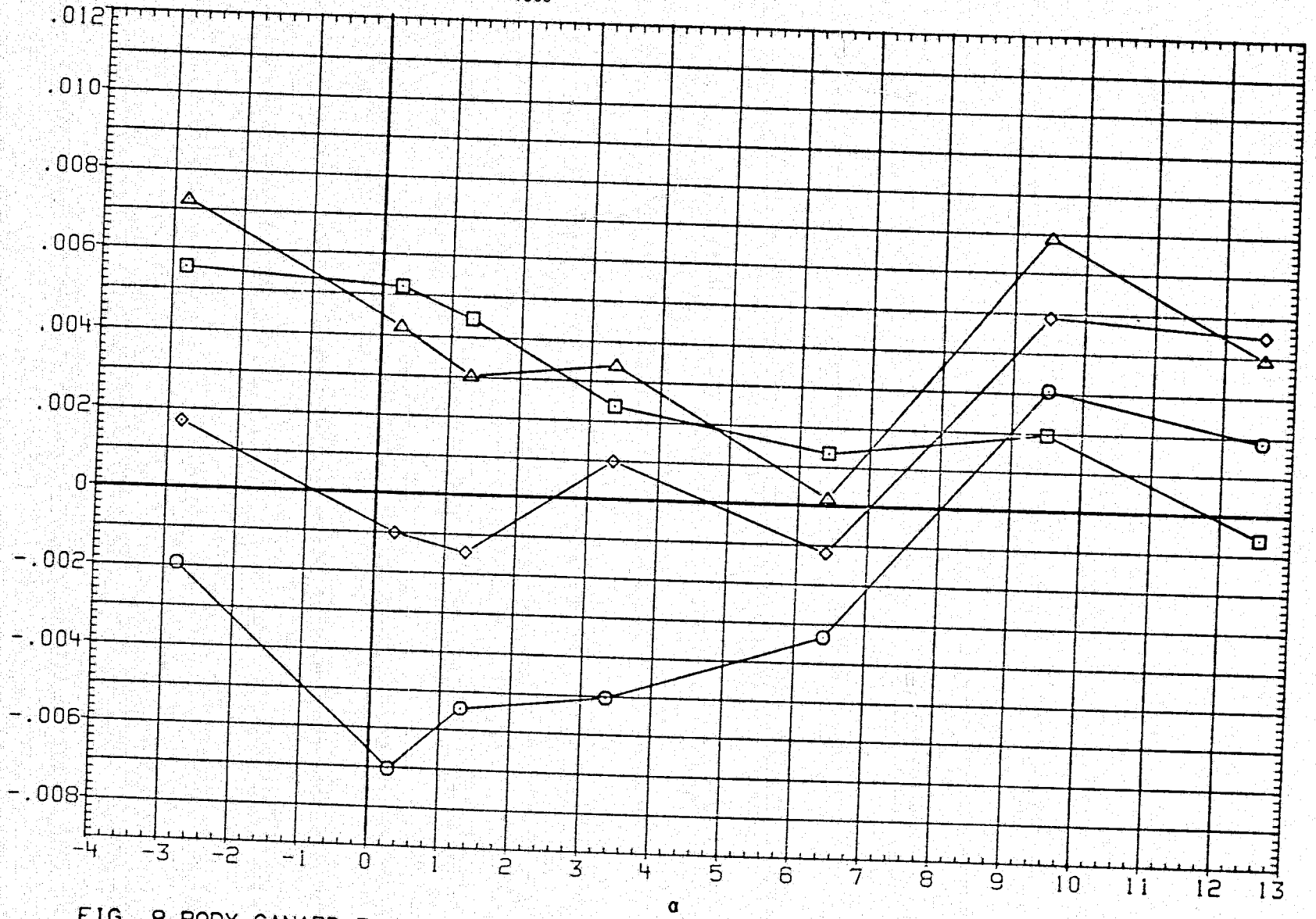



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

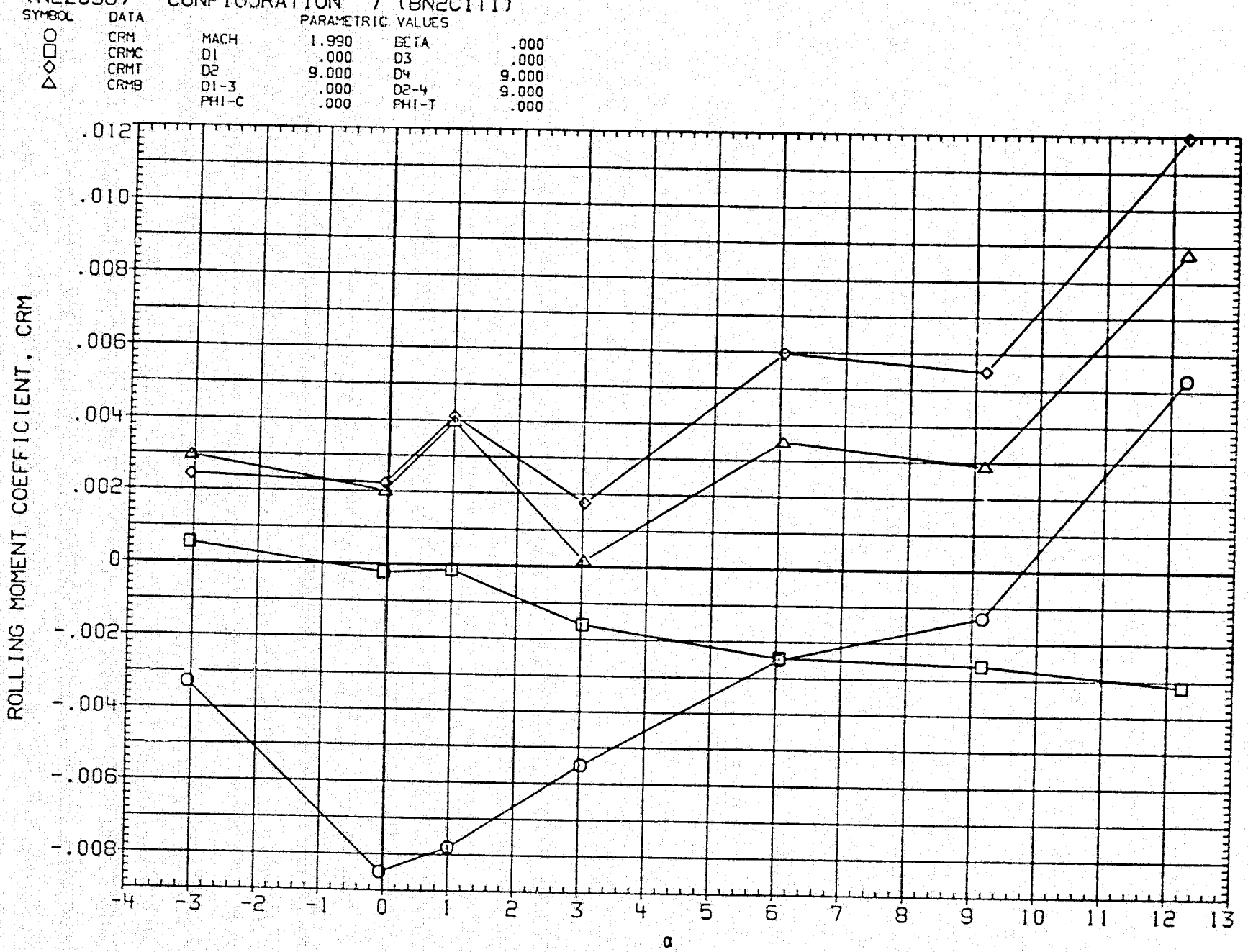



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.494 | BETA | .000 |
| □ | CNC | D1 | .000 | D3 | .000 |
| ◇ | CNT | D2 | 15.000 | D4 | 15.000 |
| △ | CNB | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | PHI-T | .000 |

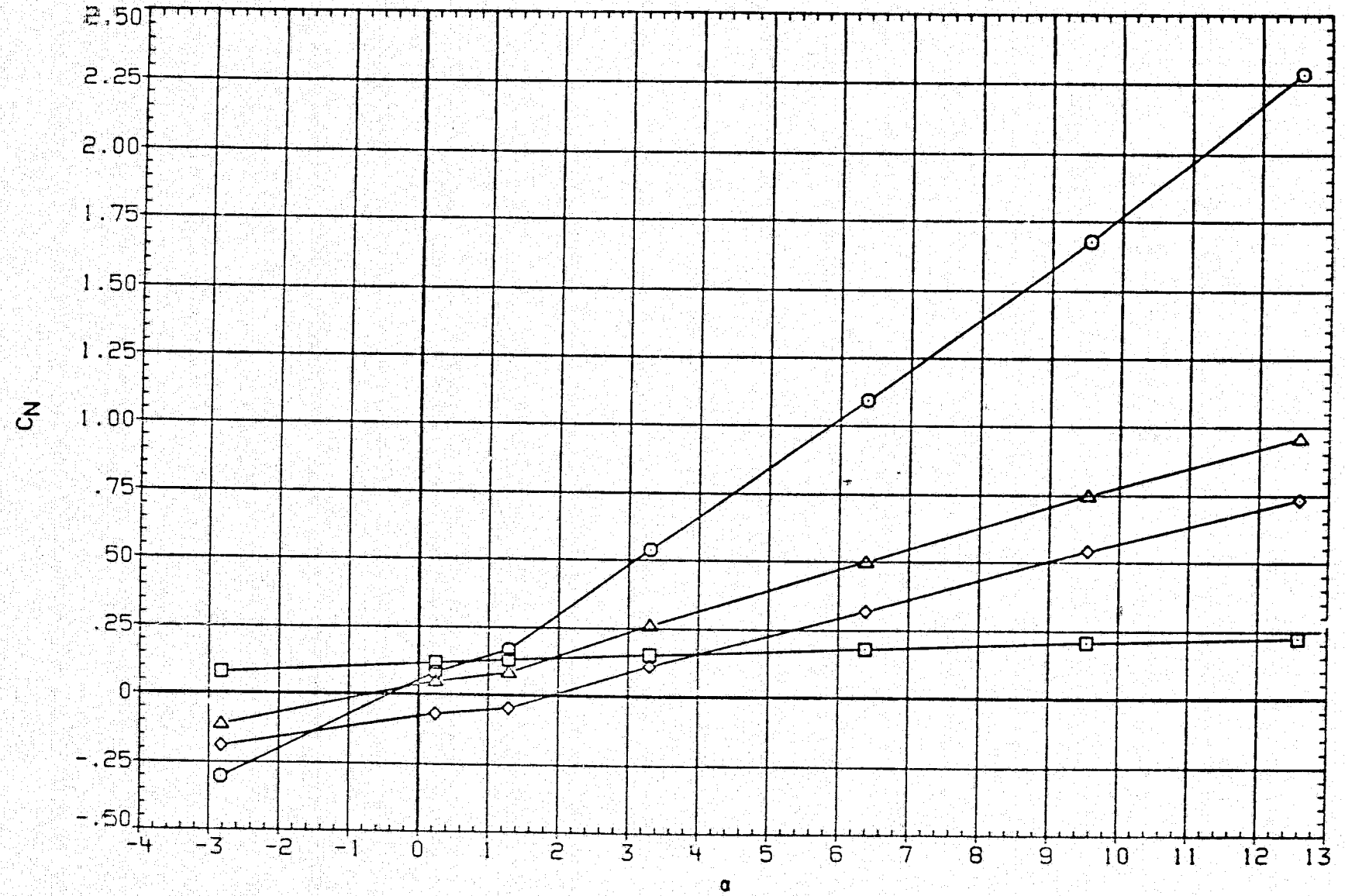



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.990 | BETA | .000 |
| □ | CNC | D1 | .000 | D3 | .000 |
| ◇ | CNT | D2 | 15.000 | D4 | 15.000 |
| △ | CNB | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | PHI-T | .000 |

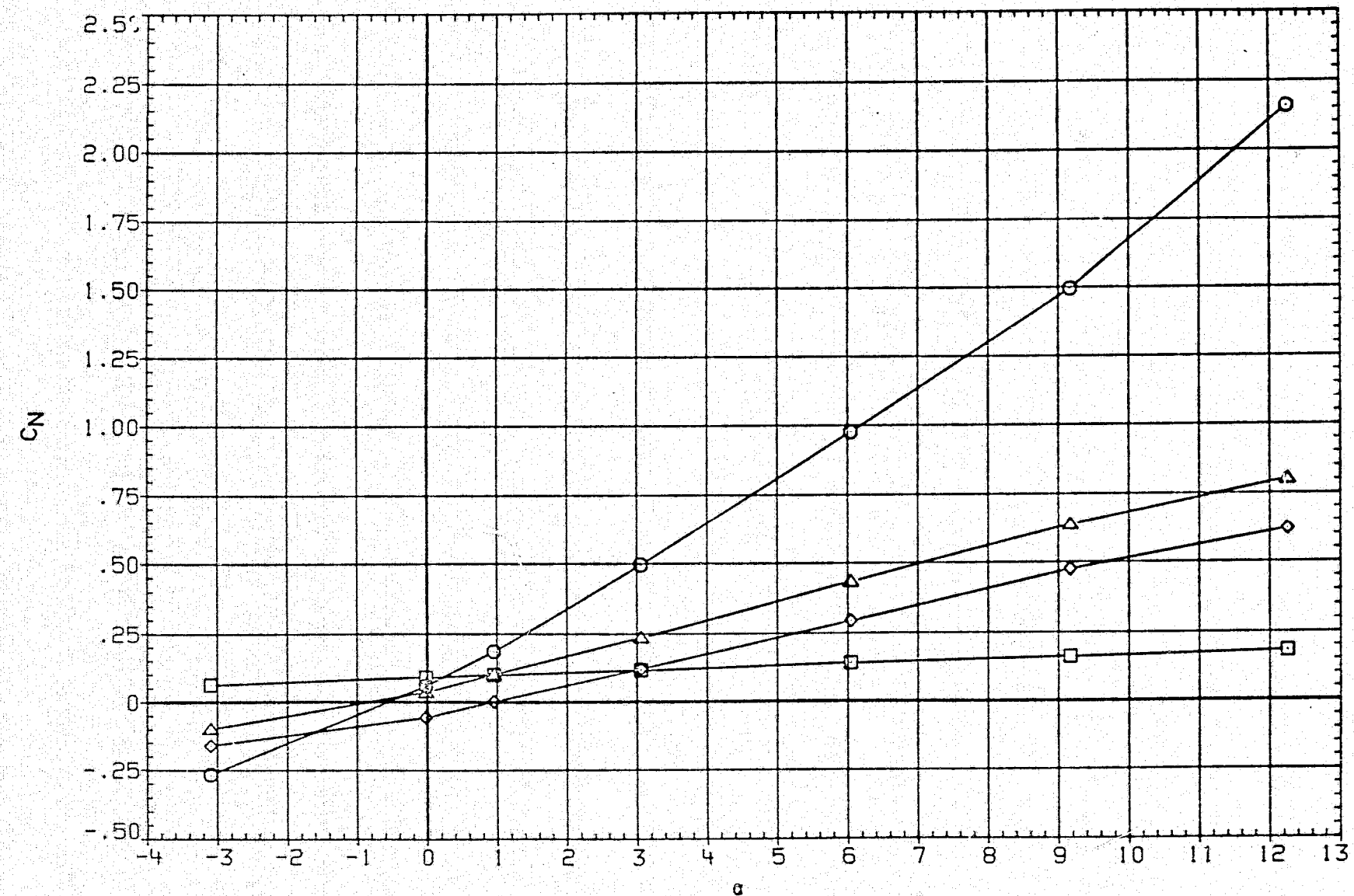



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

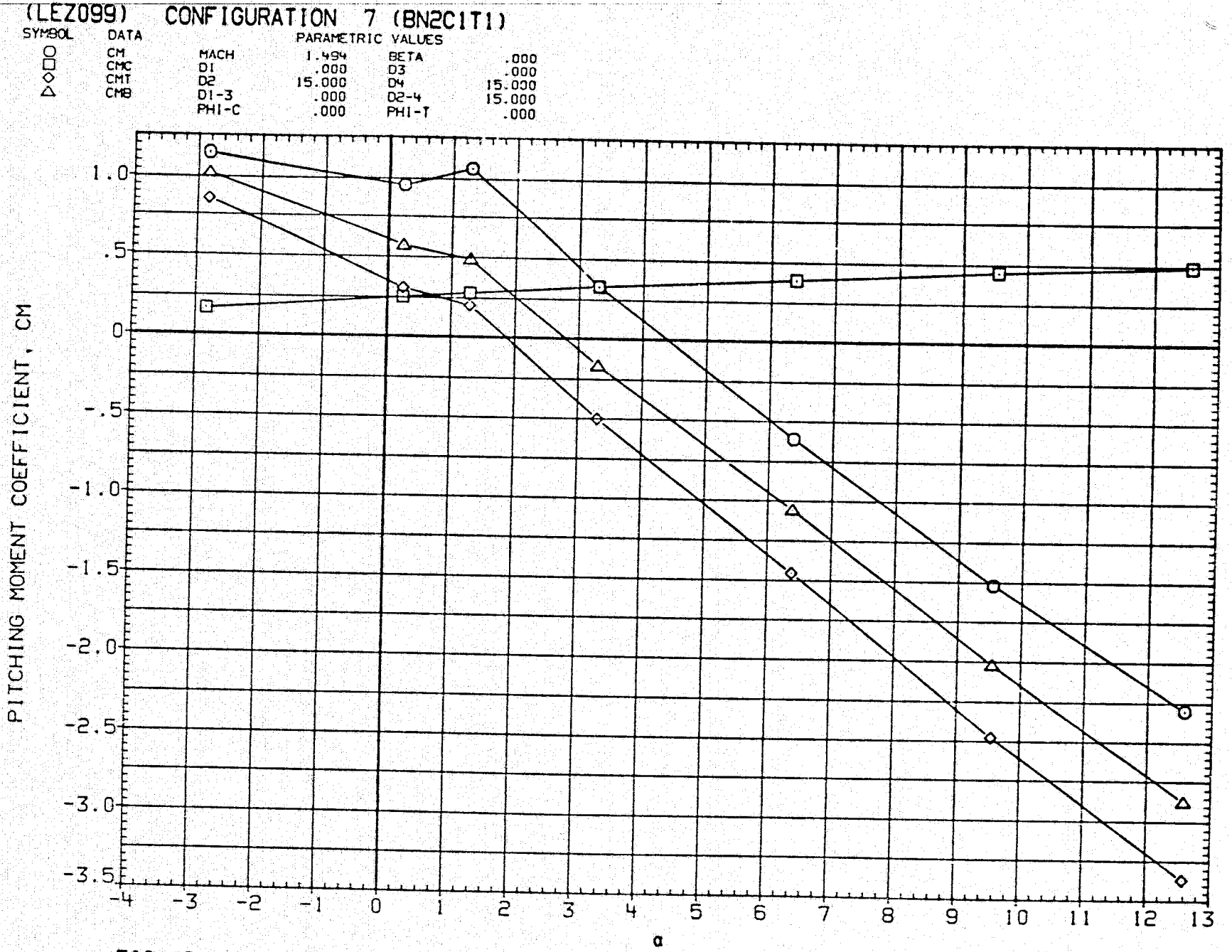



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.990 | BETA | .000 |
| □ | CMC | D1 | .000 | D3 | .000 |
| ◇ | CMT | D2 | 15.000 | D4 | 15.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | PHI-T | .000 |

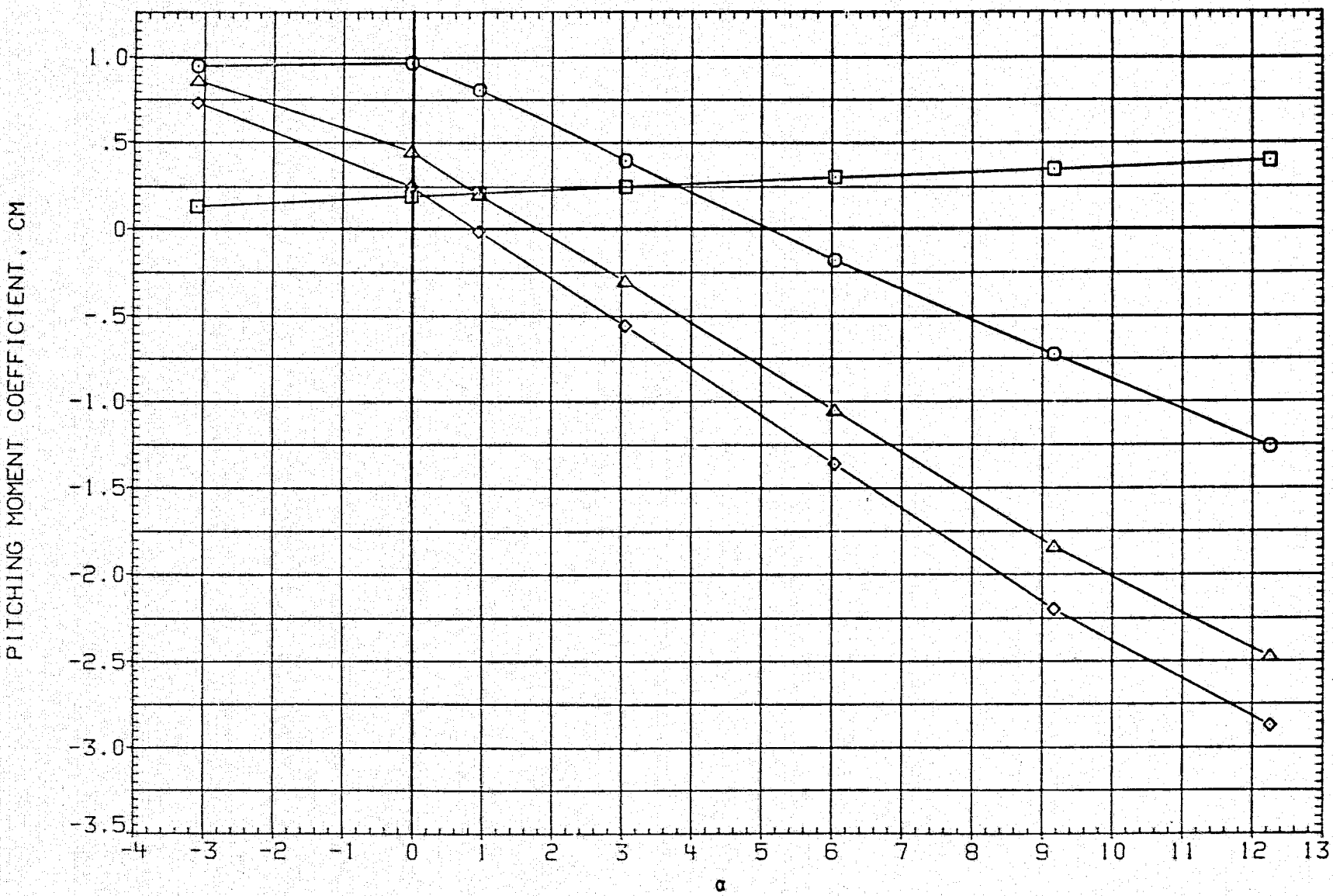



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.494 | 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 |

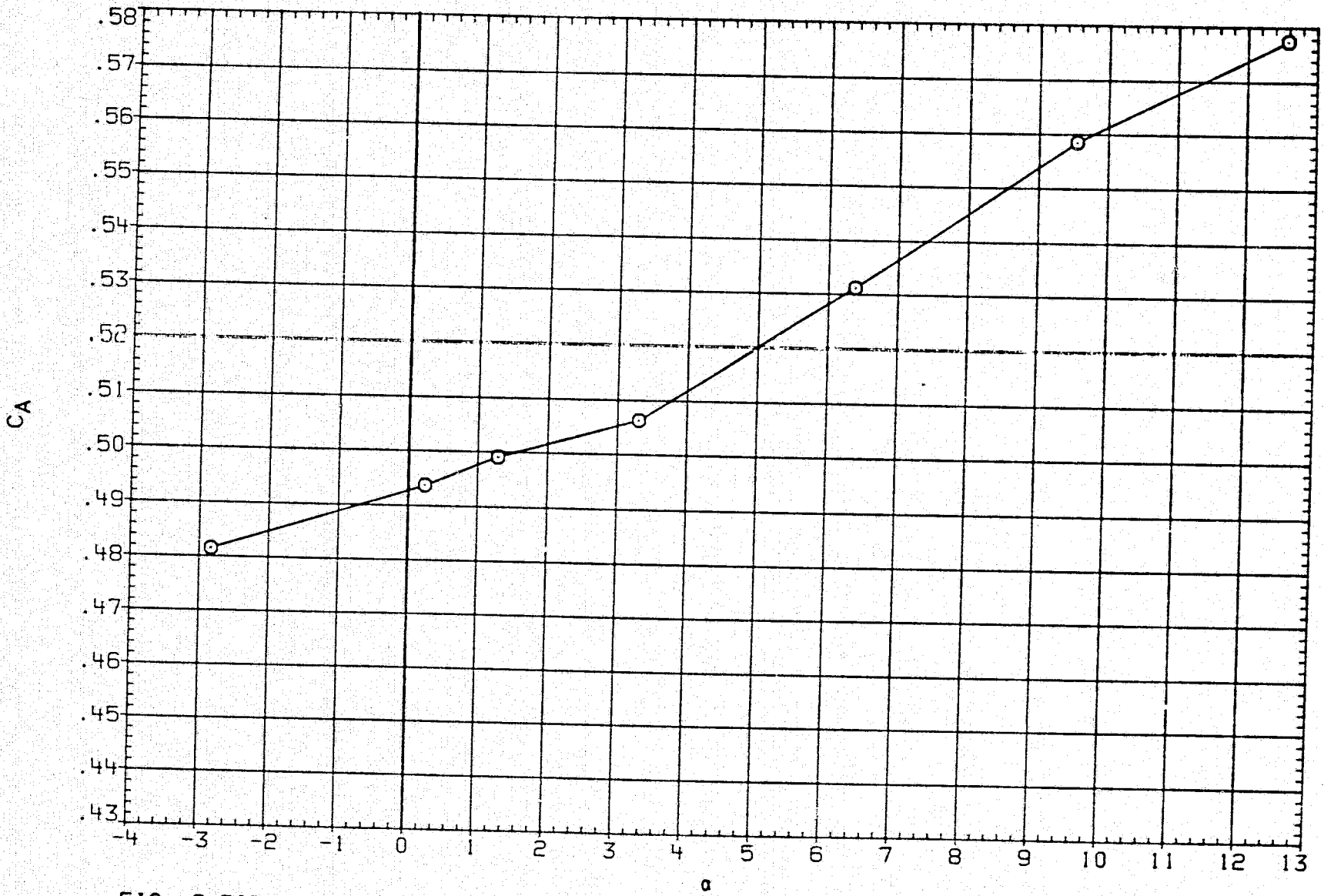



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.990 | 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 |

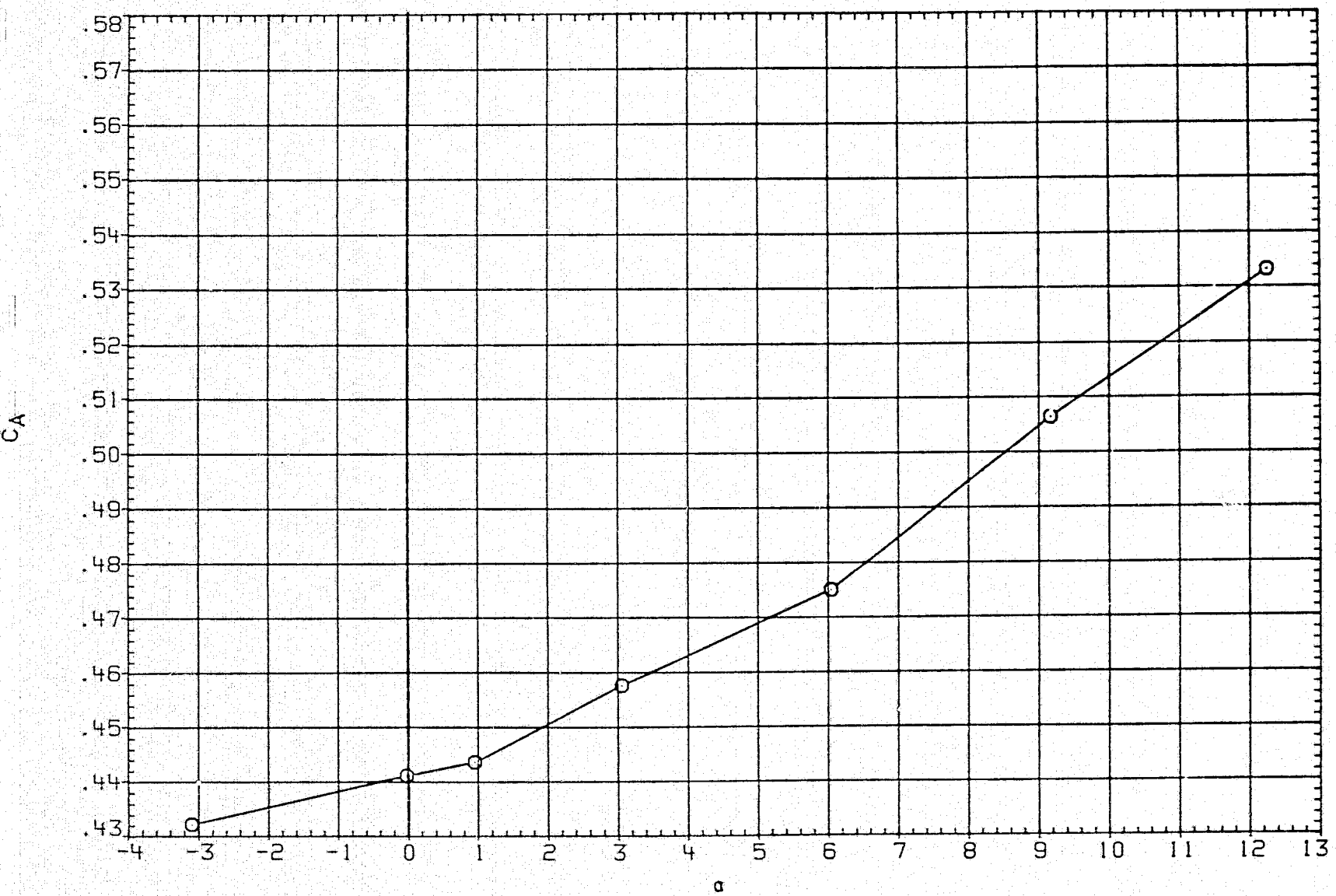



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ099) CONFIGURATION 7 (BN2CIT1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.494 | 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 |

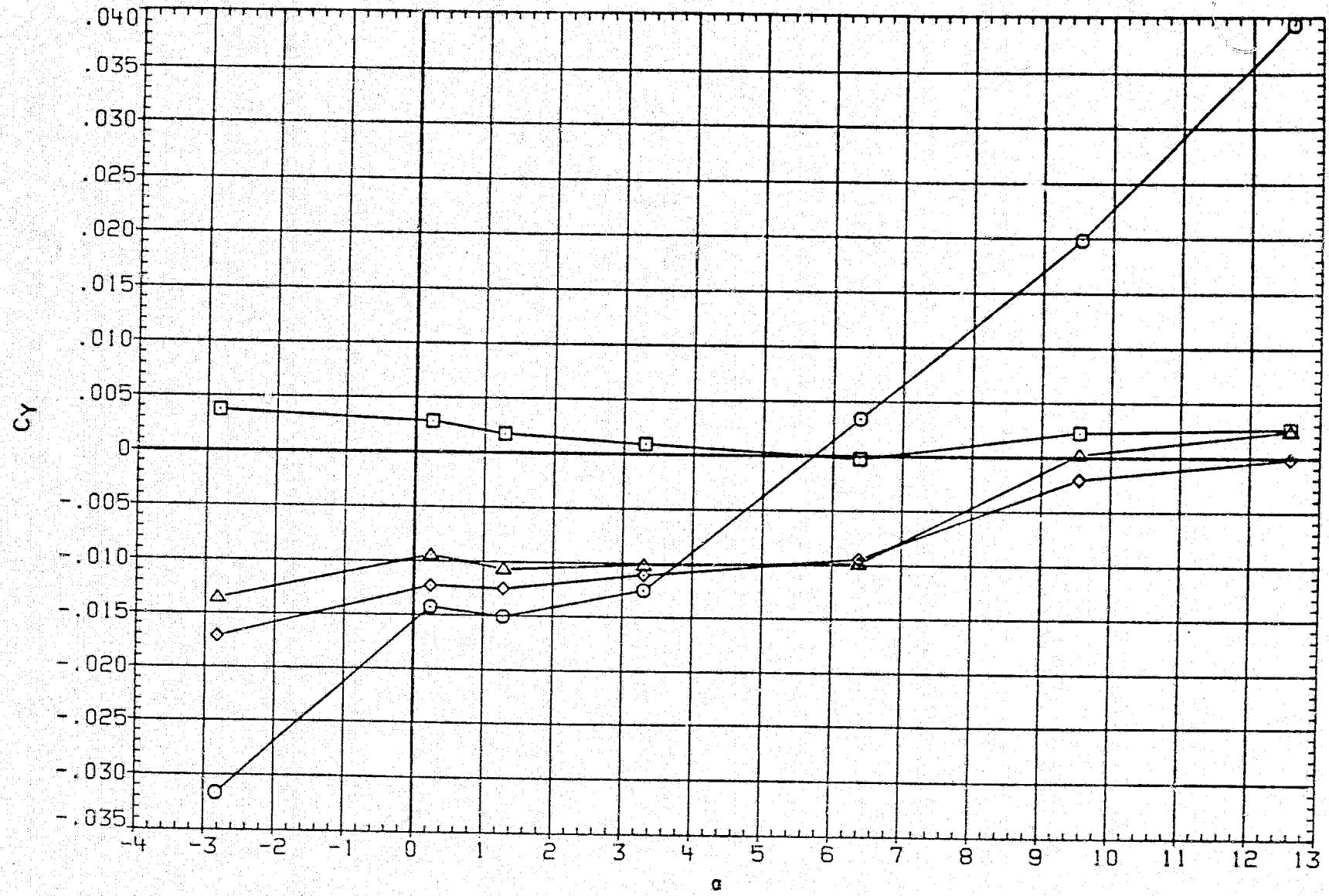
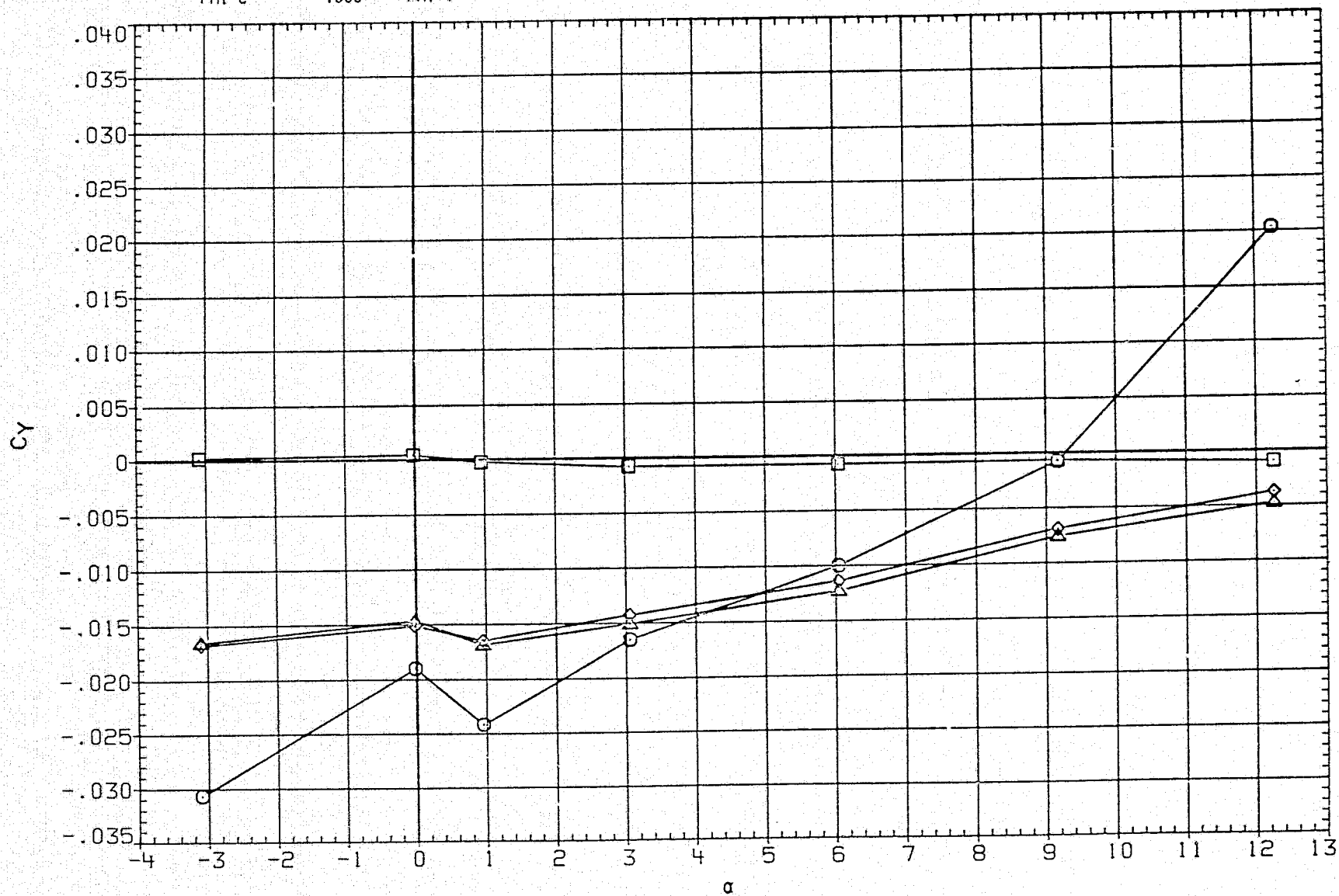



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ099) CONFIGURATION 7 (3N2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.990 | 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 |




3

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

(MEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.494 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | 15.000 | D4 | 15.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | PHI-T | .000 |

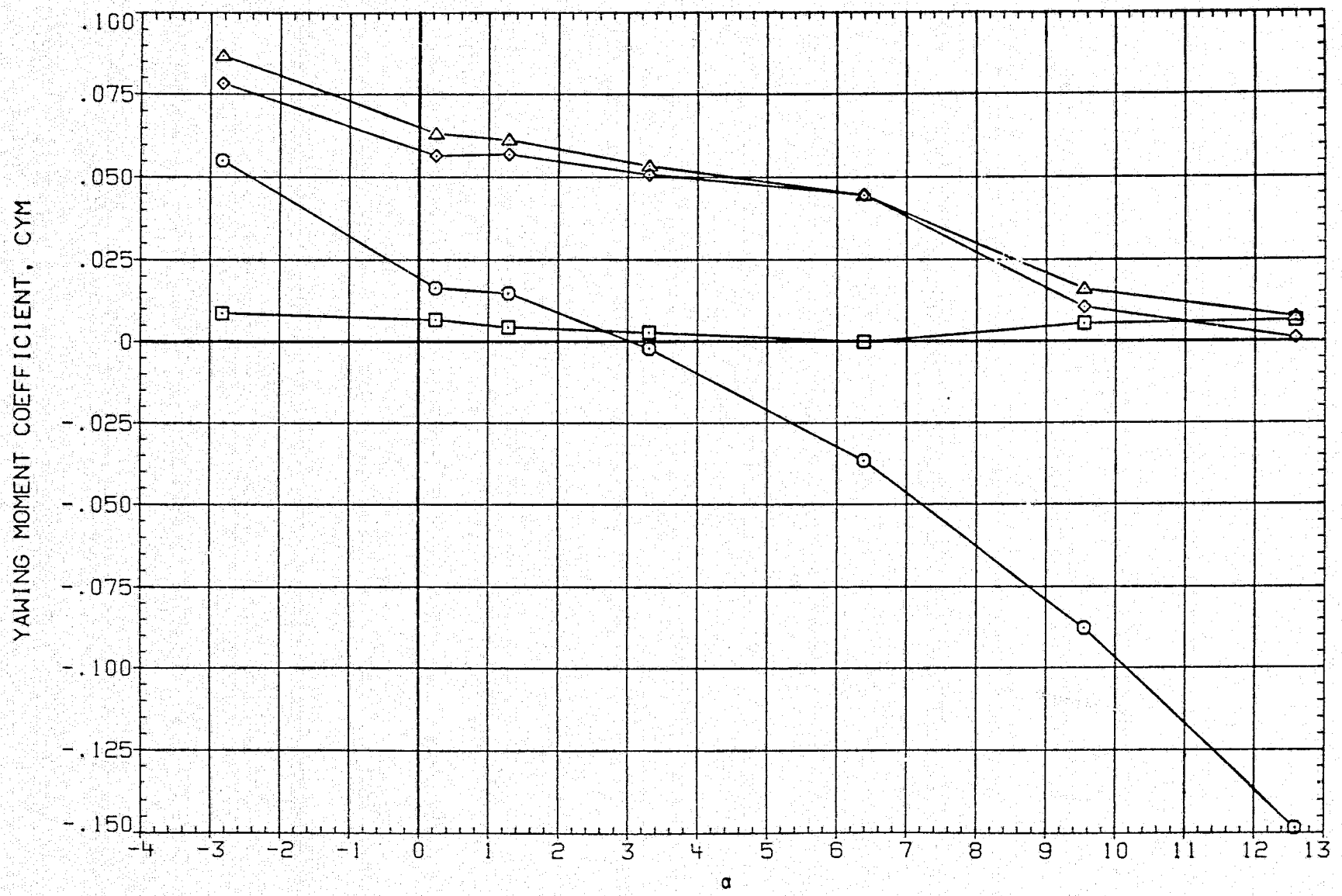



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.990 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | 15.000 | D4 | 15.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | PHI-T | .000 |

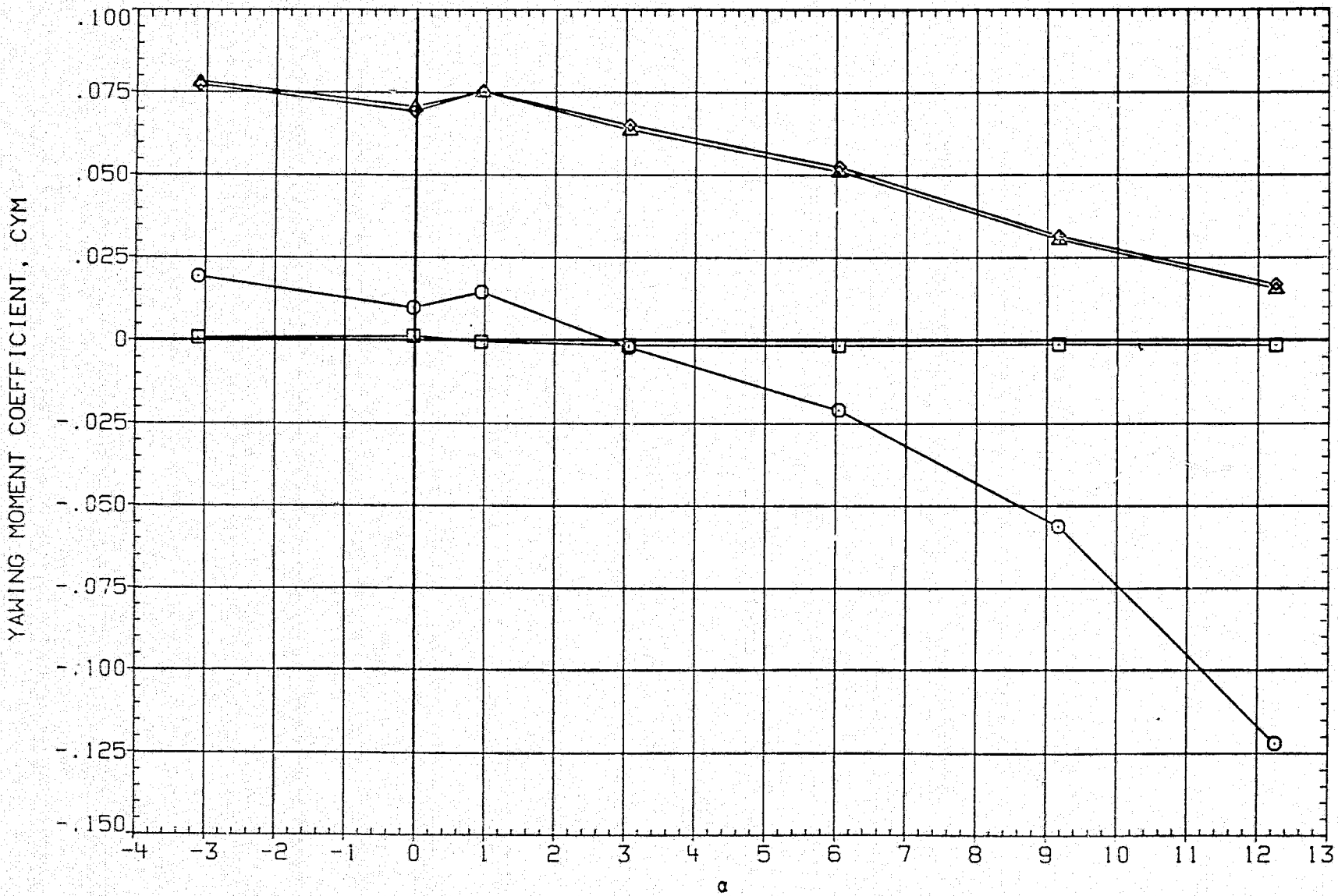



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMC |
| ◇ | CRMT |
| △ | CRMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.494 | 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 |

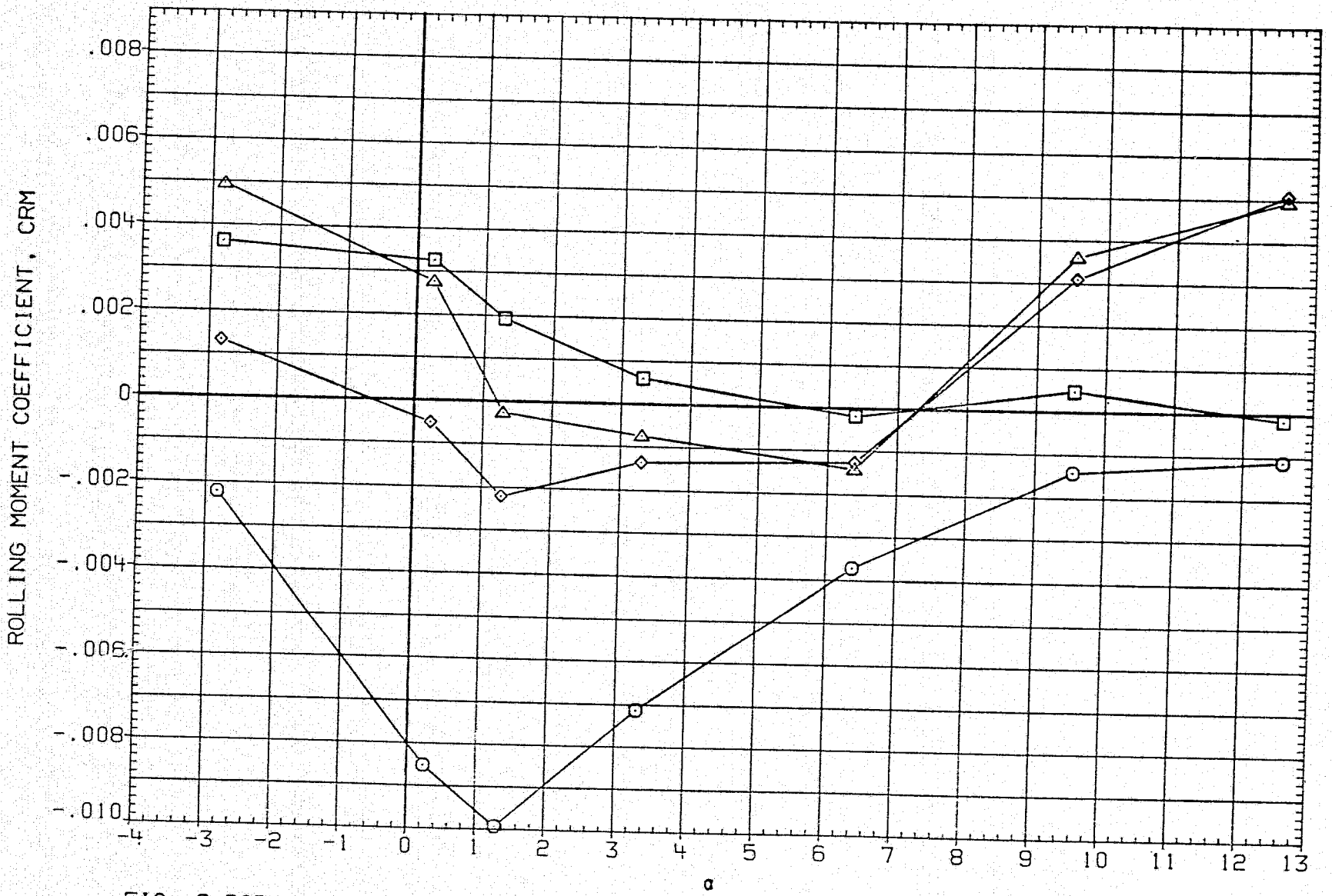



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ099) CONFIGURATION 7 (BN2C1T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.990 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | 15.000 | D4 | 15.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 15.000 |
| | | PHI-C | .000 | PHI-T | .000 |

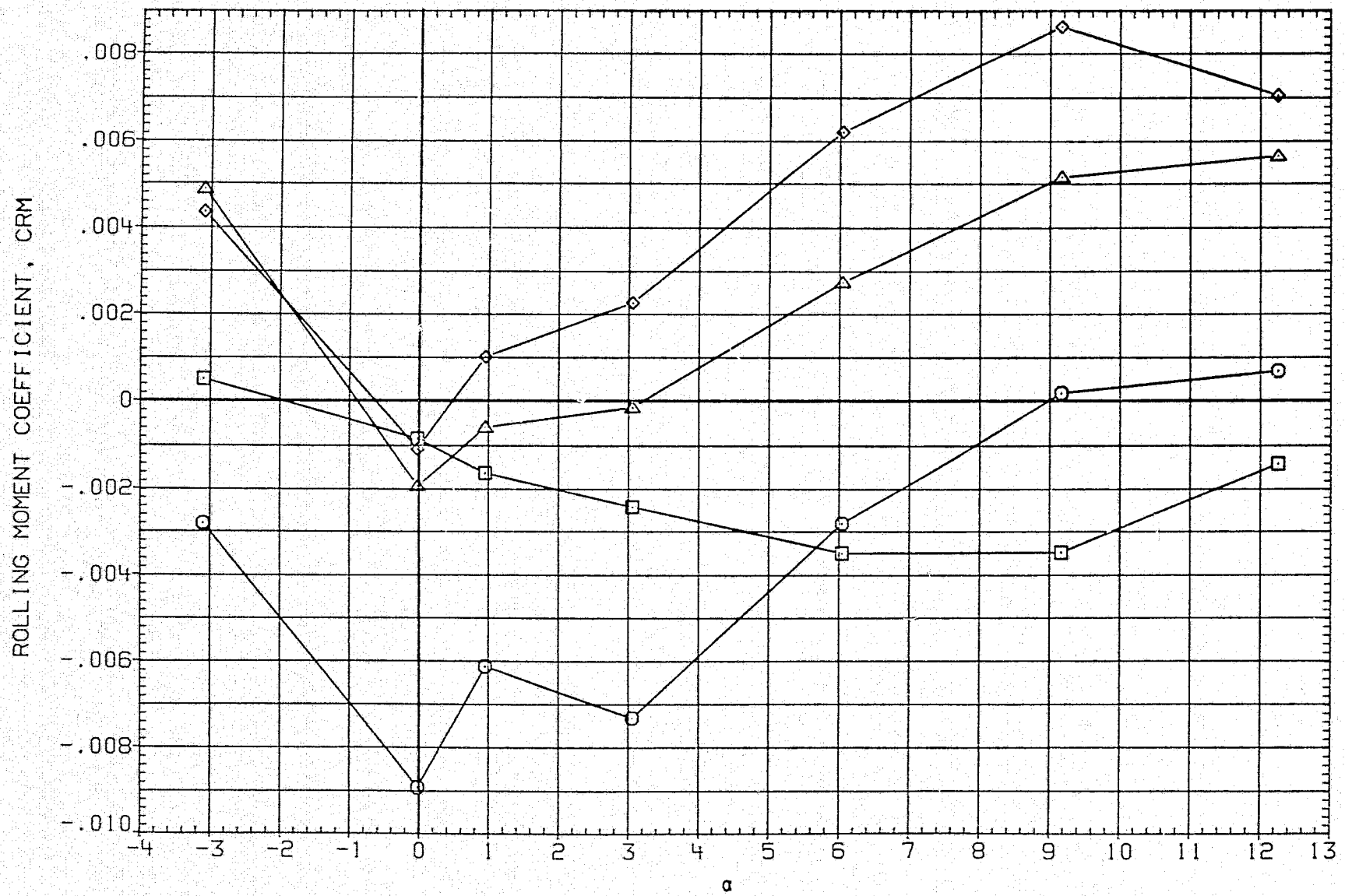



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.501 | 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 |

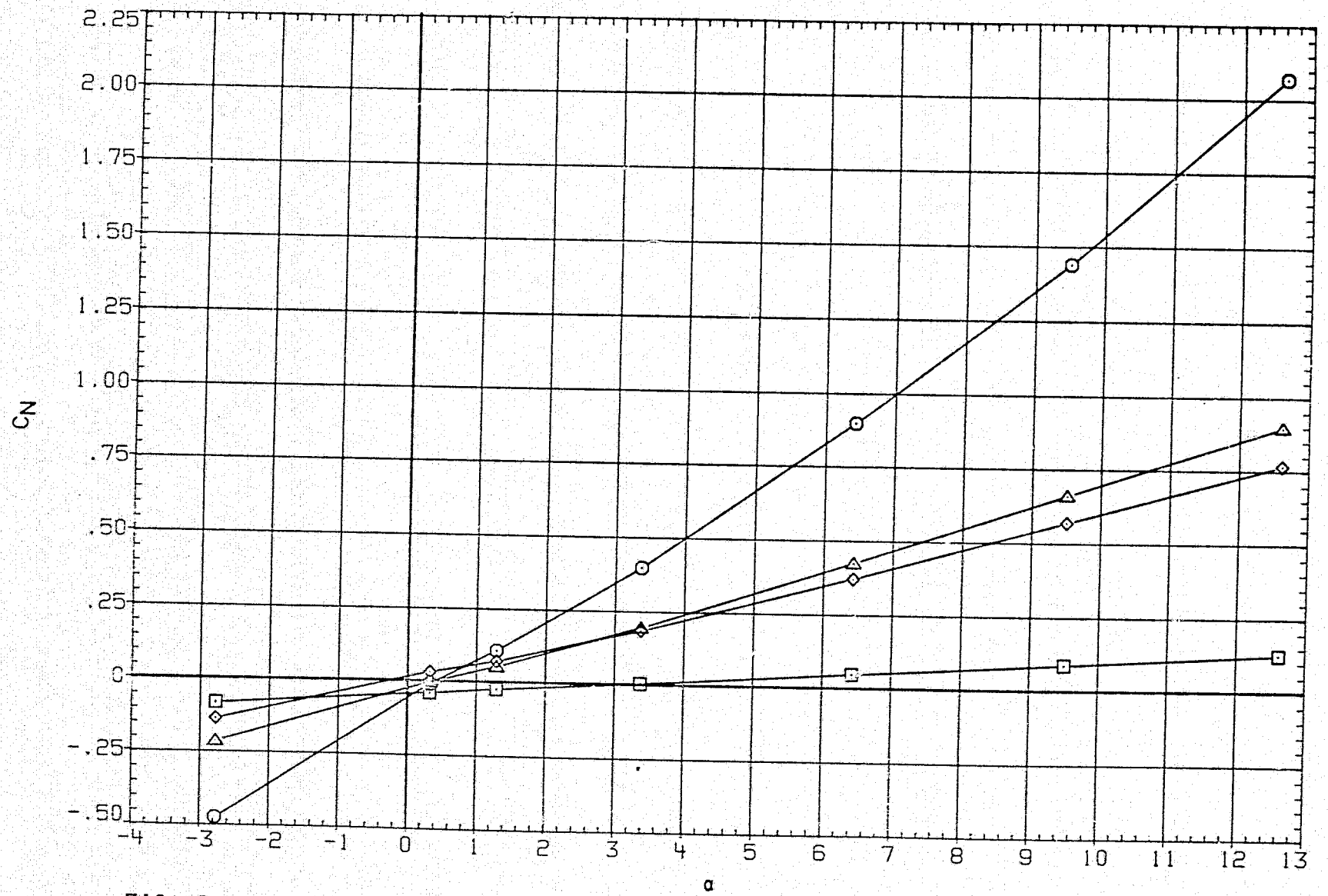



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.998 | 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 |

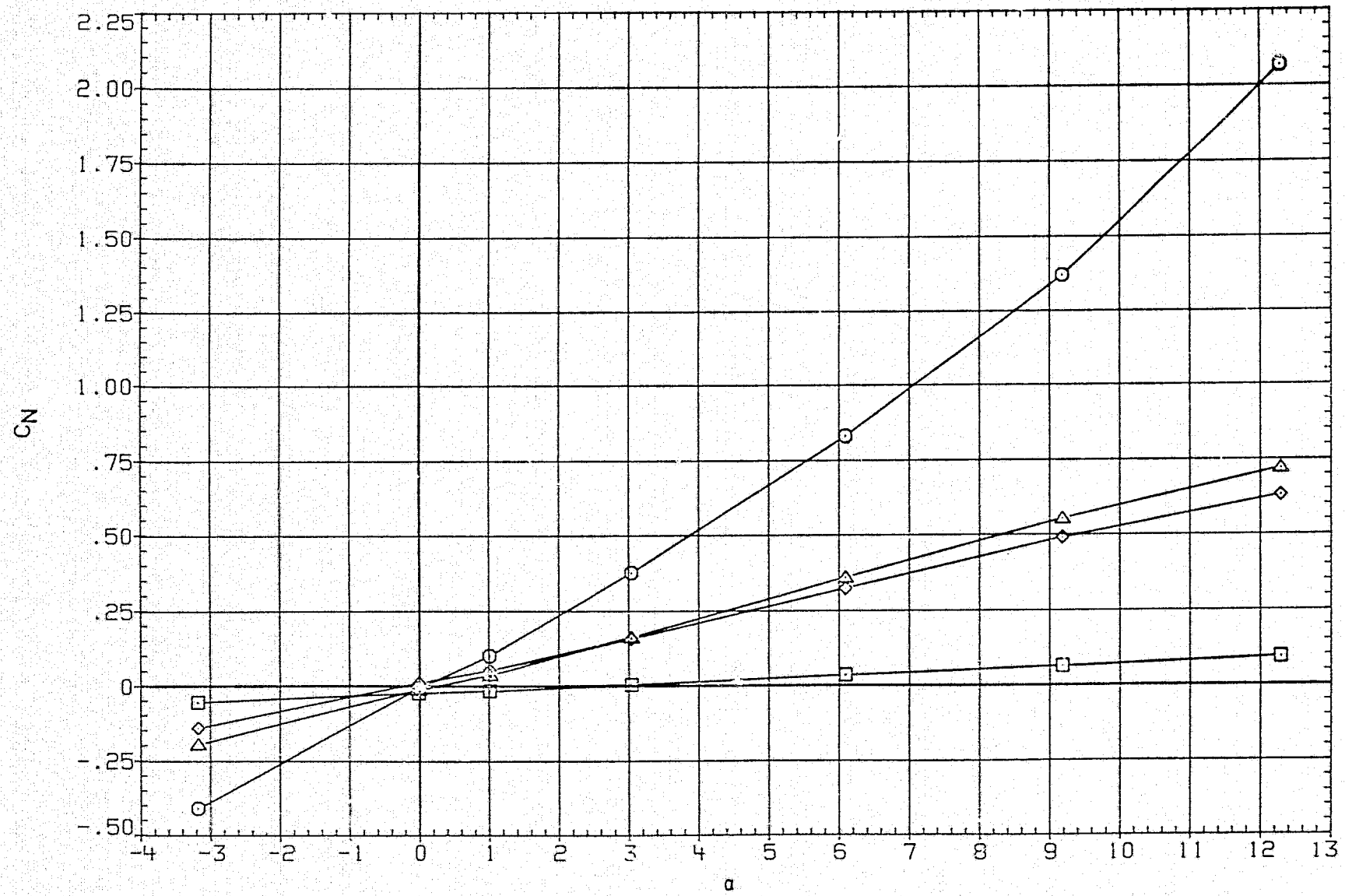



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.501 | 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 |

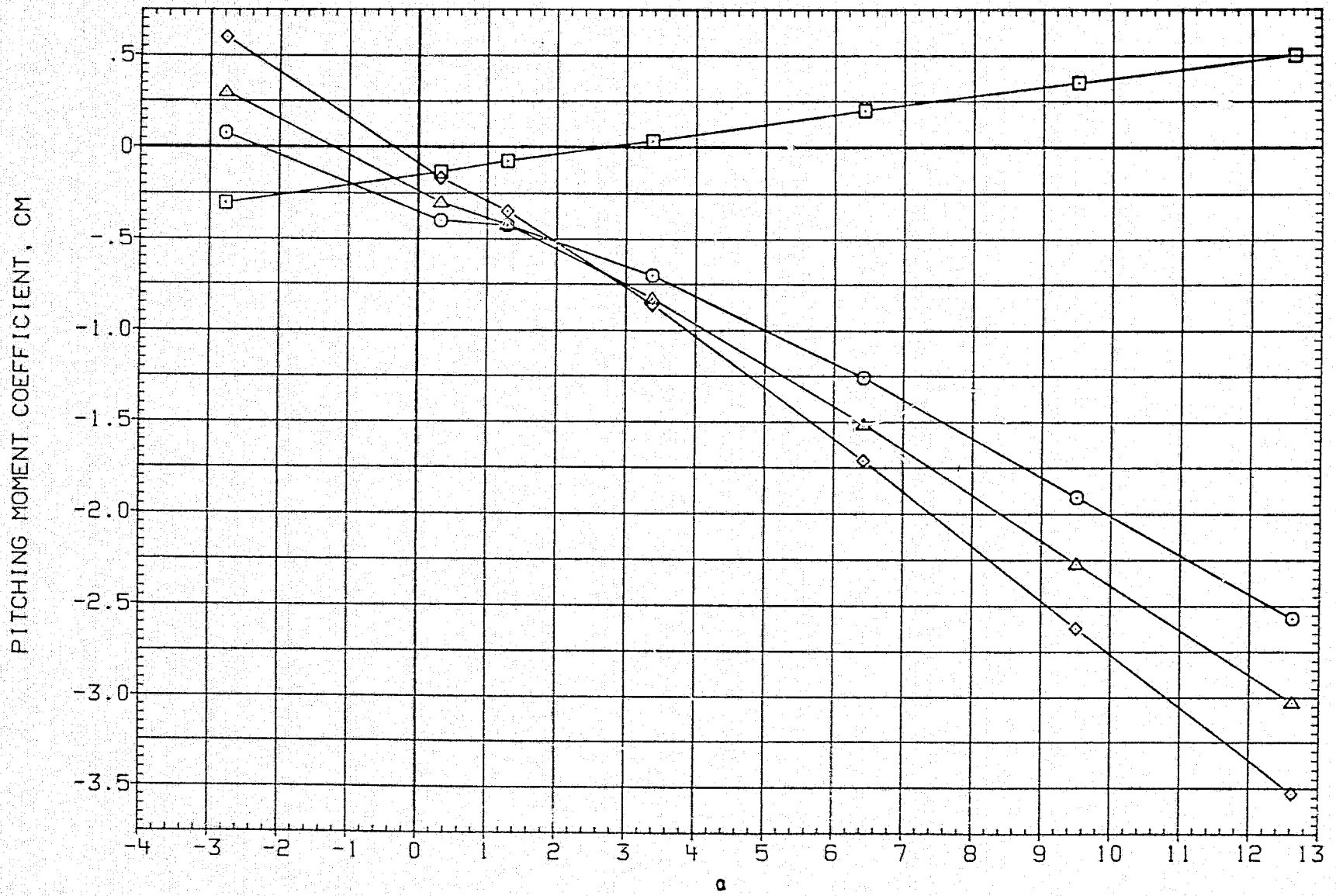



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.998 | 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 |

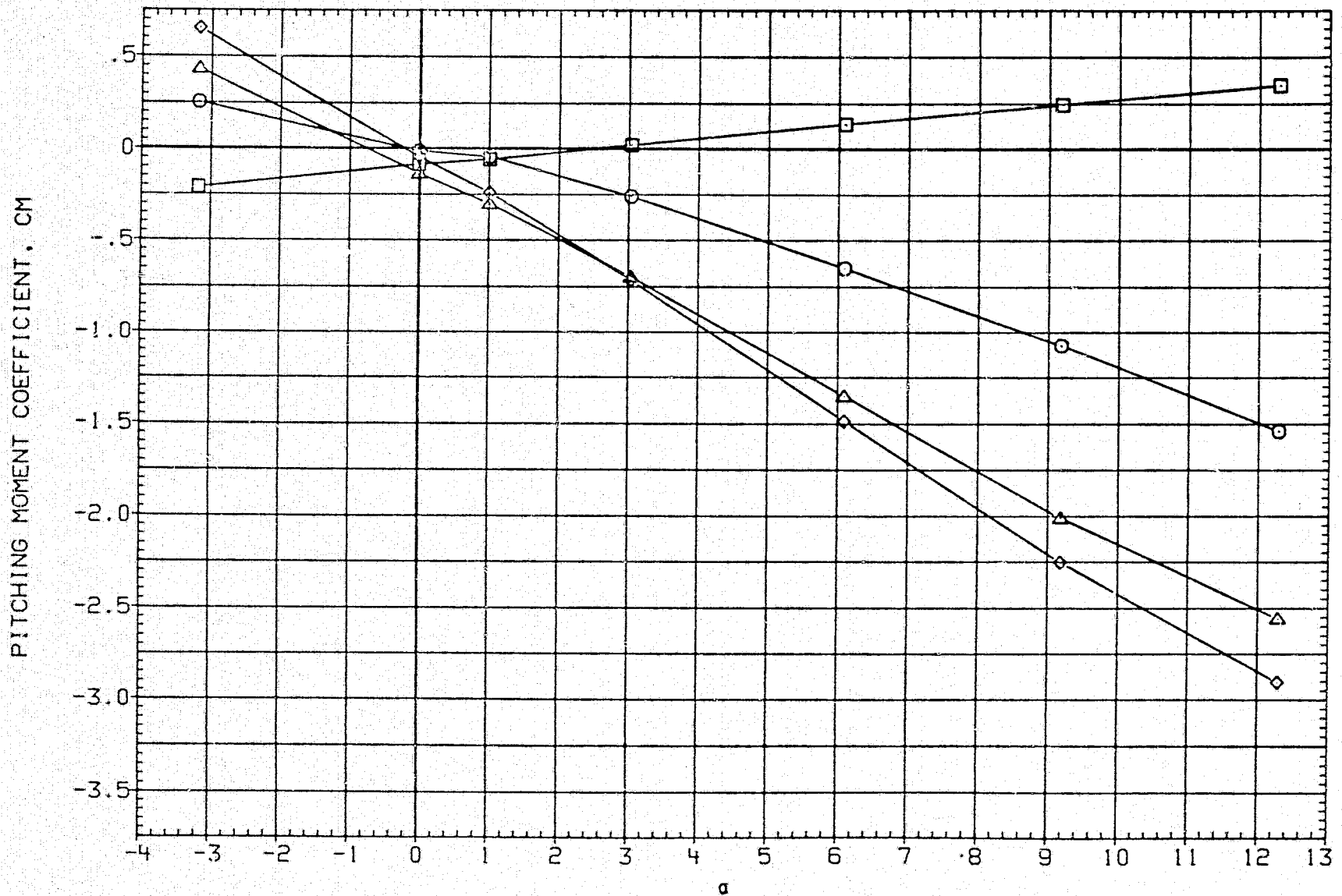



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.501 | 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 |

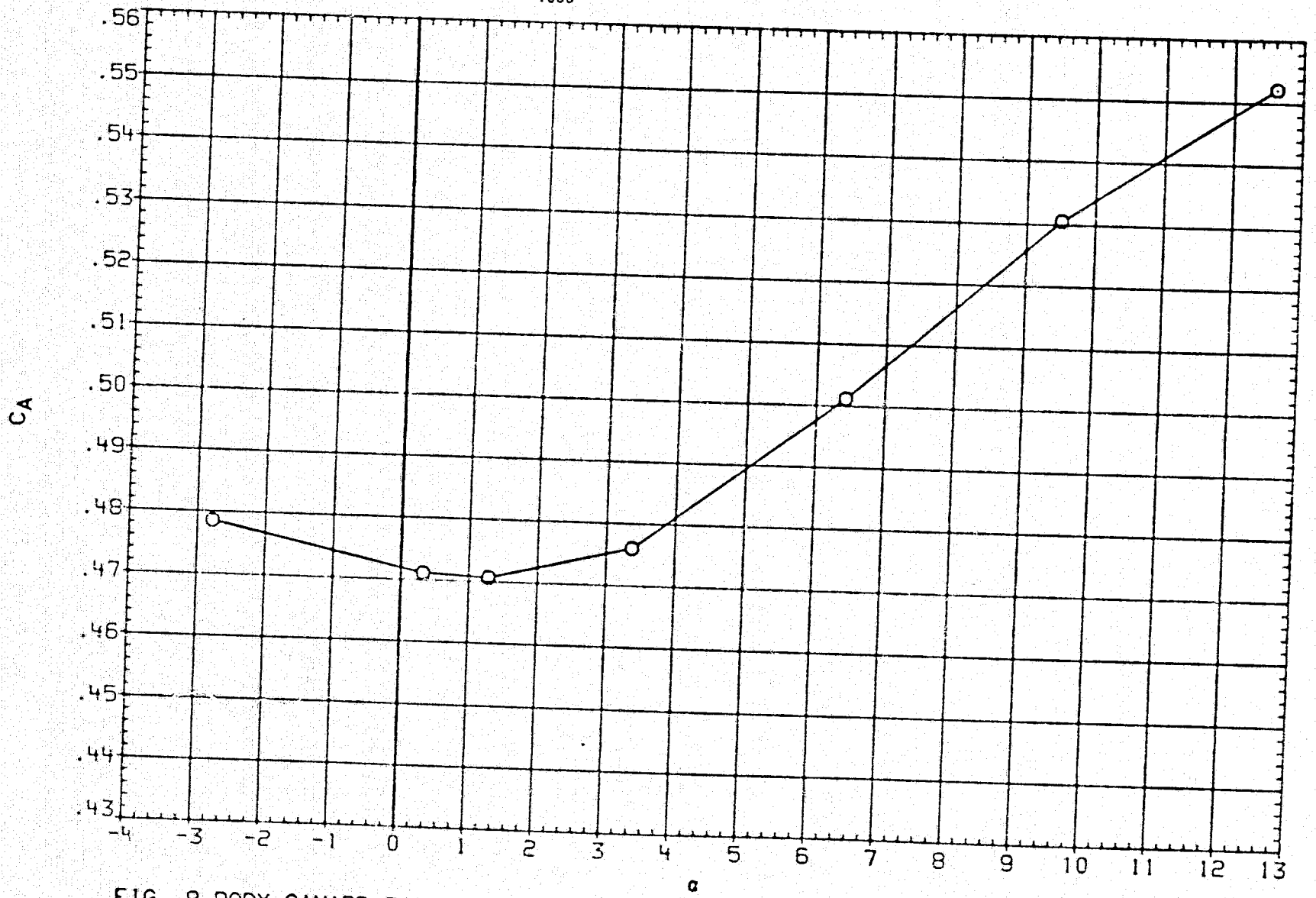



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| 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 |

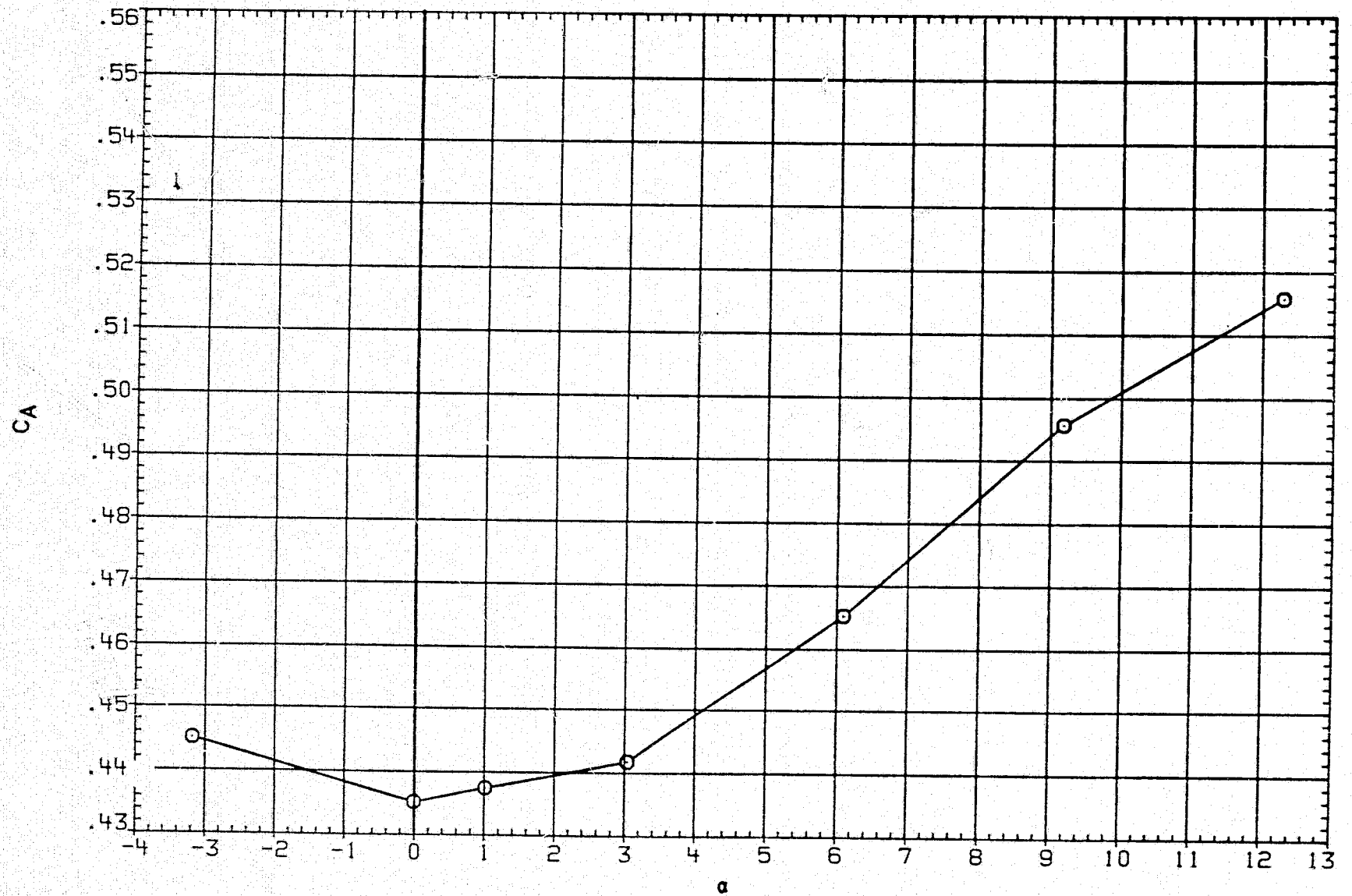



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

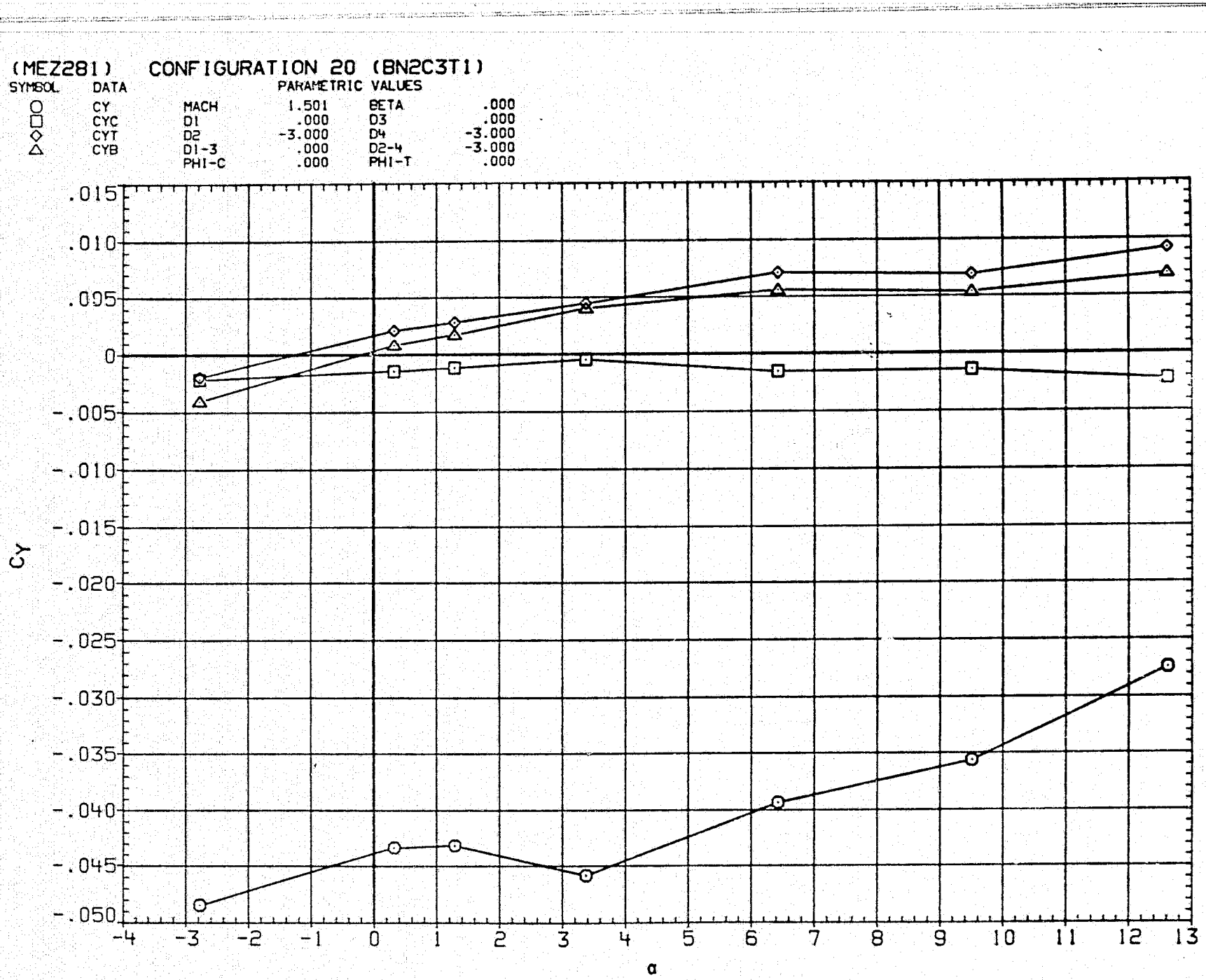



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.999 | 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 |

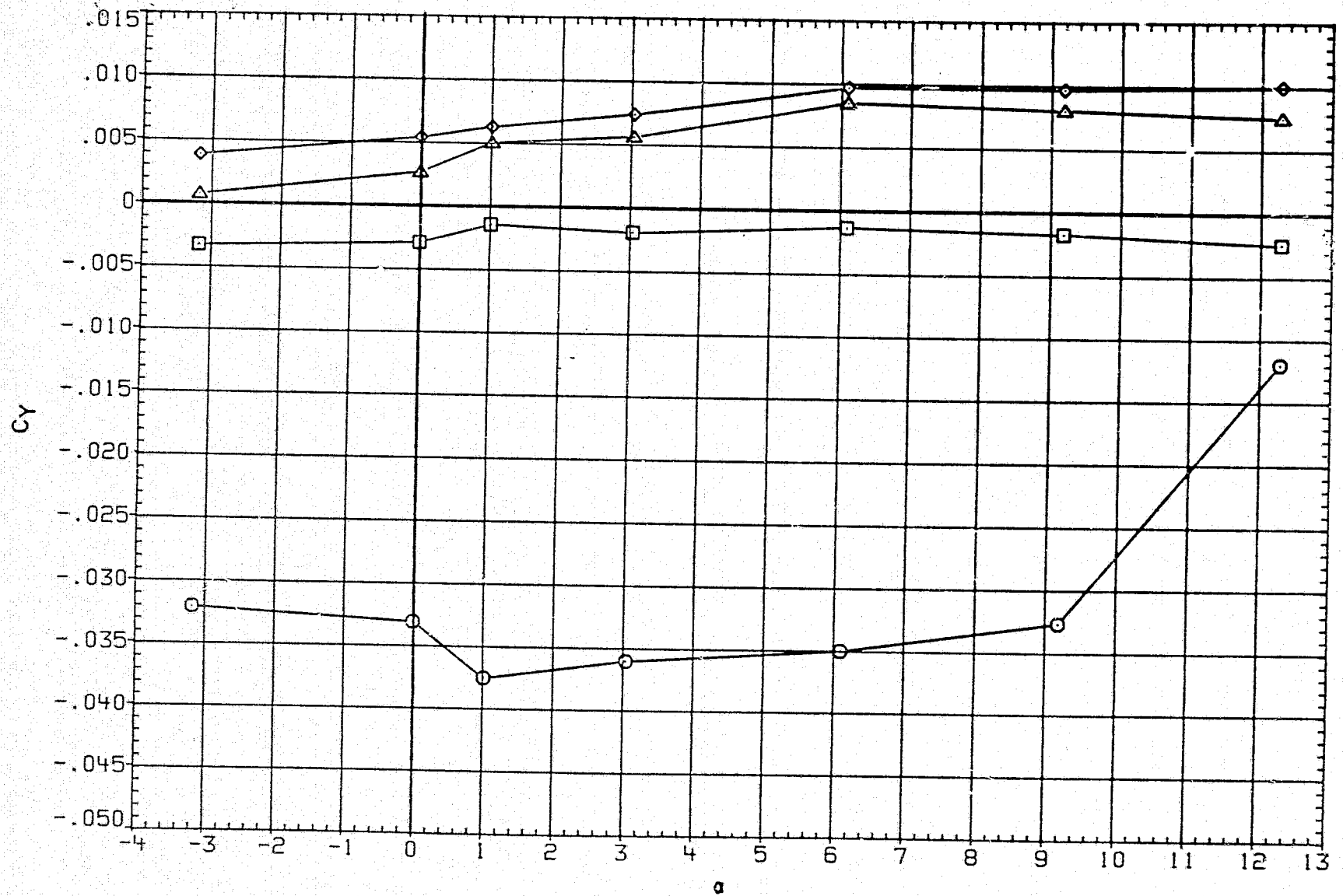



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.501 | 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 |

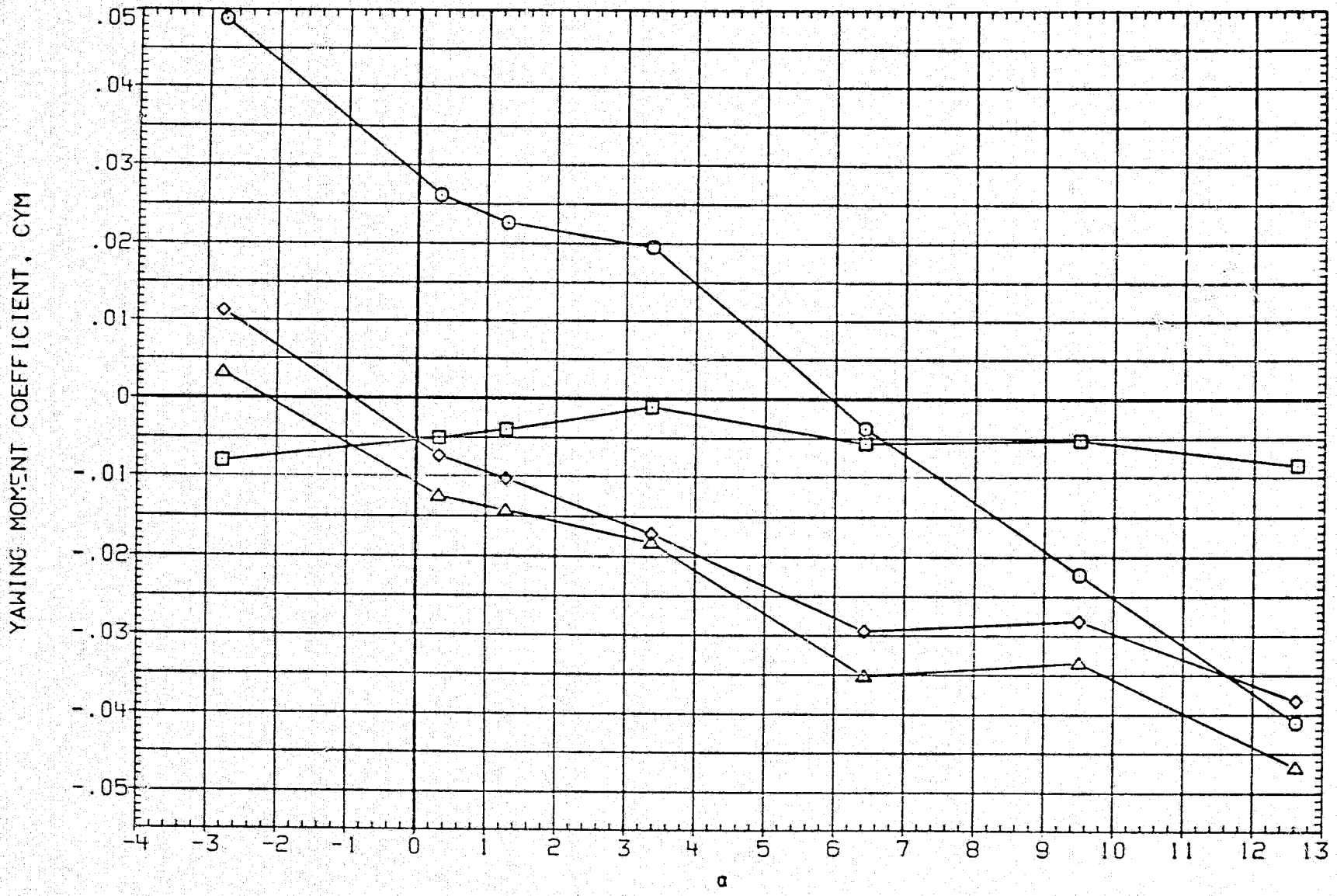



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ281) CONFIGURATION 20 (BN2C3T1)

| 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 |

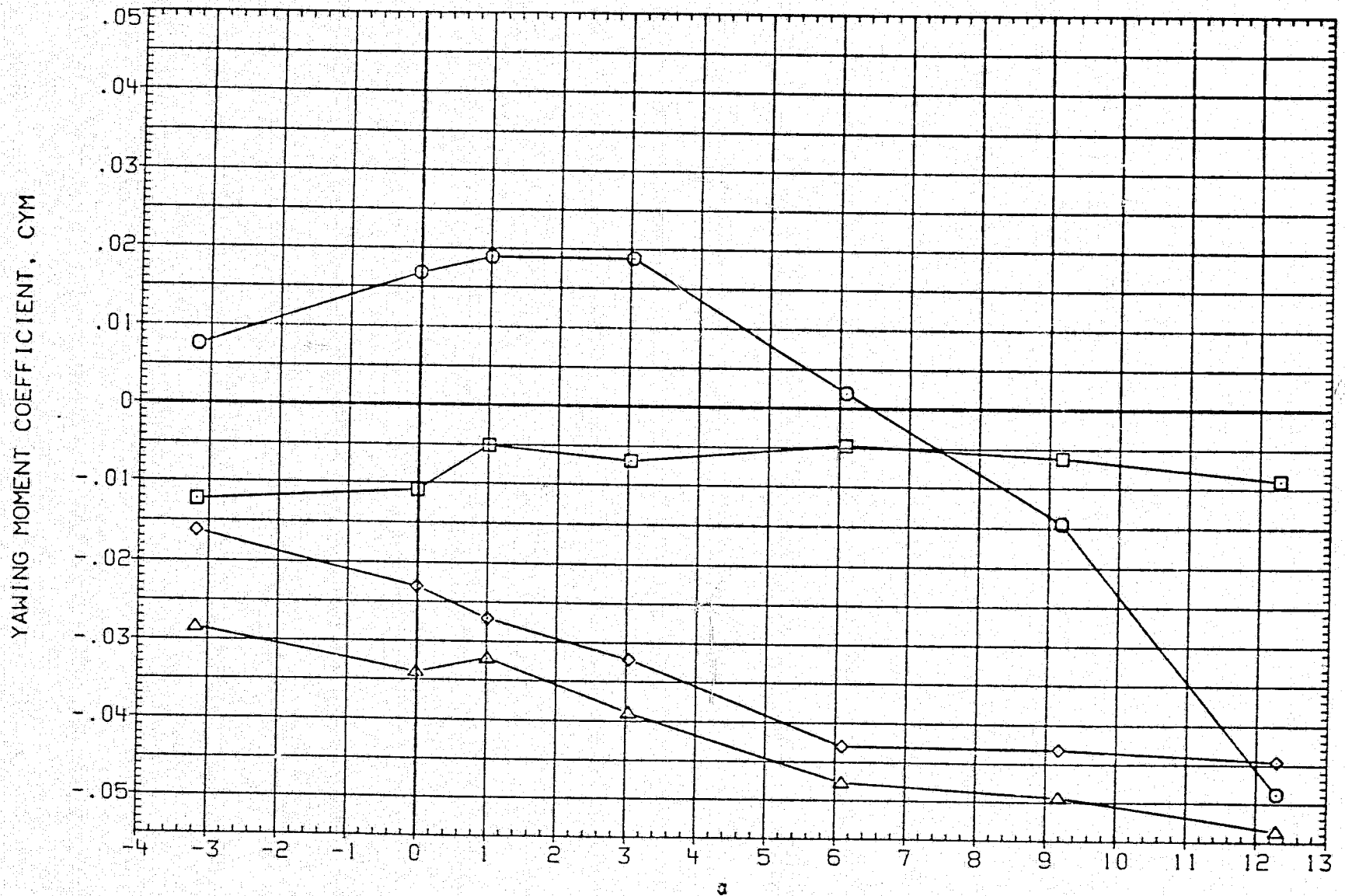



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ281) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMC |
| ◇ | CRMT |
| △ | CRMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.501 | 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 |

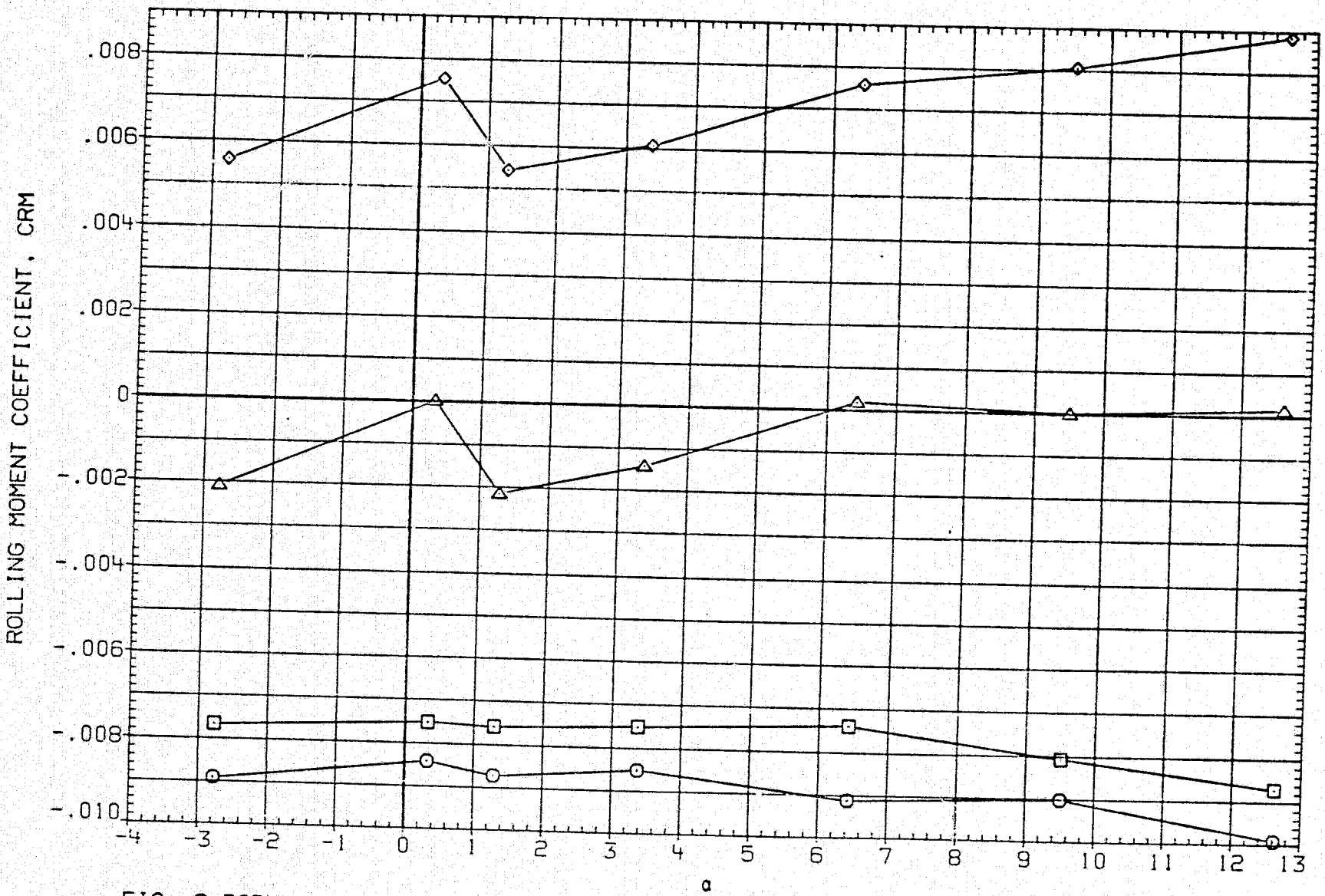



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ281) CONFIGURATION 20 (BN2C3T1)

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

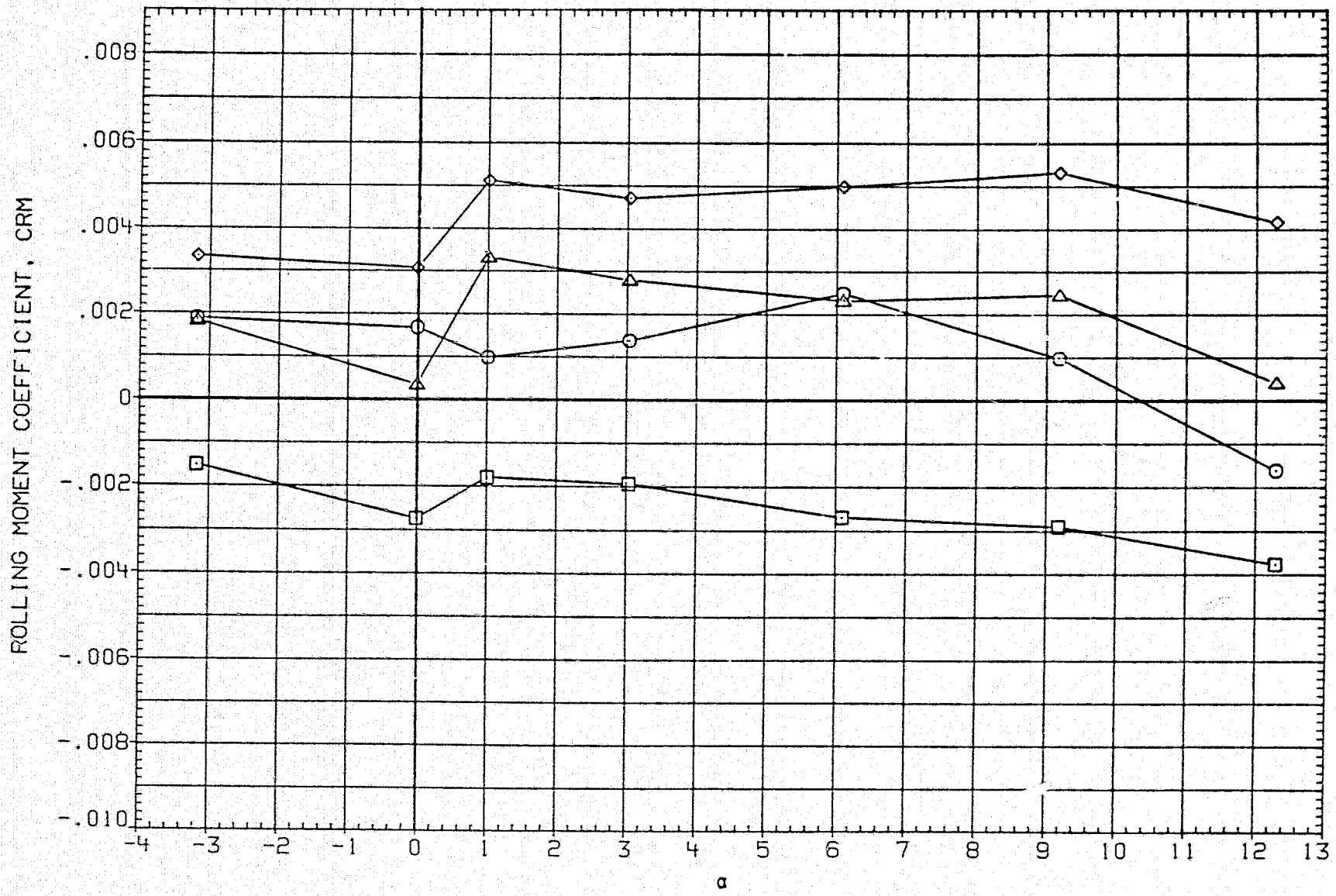



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ282) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.502 | 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 |

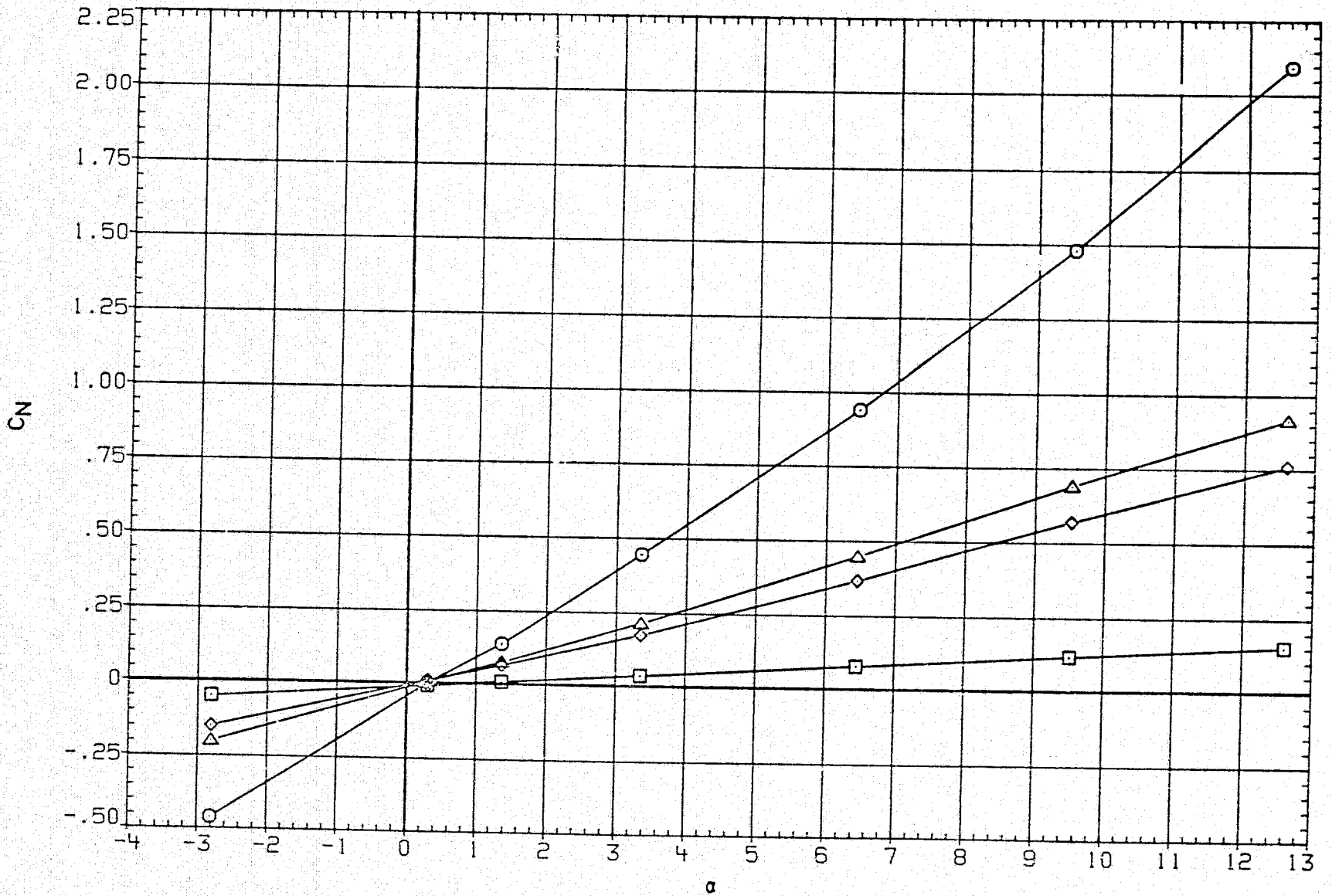



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ282) CONFIGURATION 20 (BN2C3T1)

| 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 |

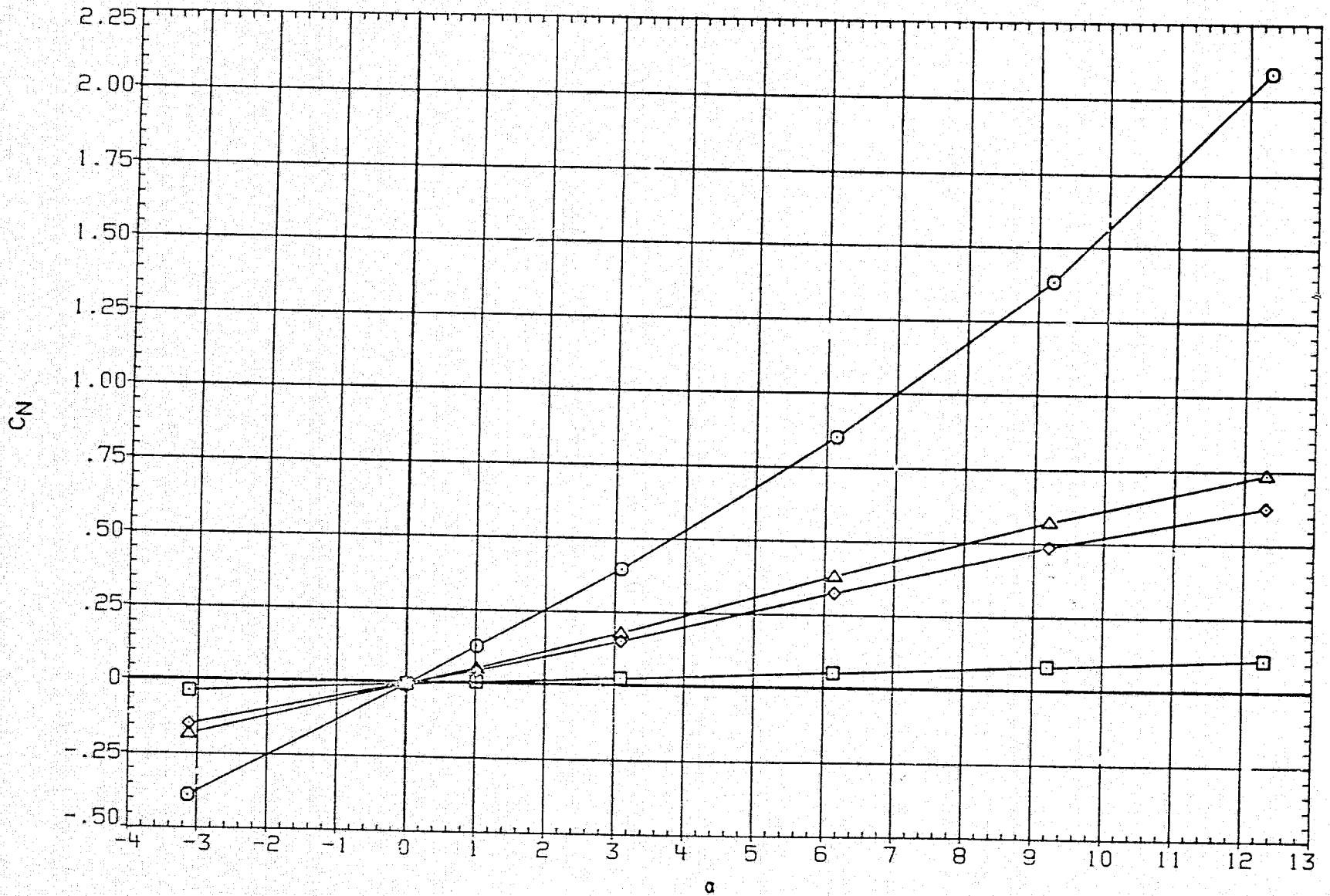



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ282) CONFIGURATION 20 (BN2C3T1)

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

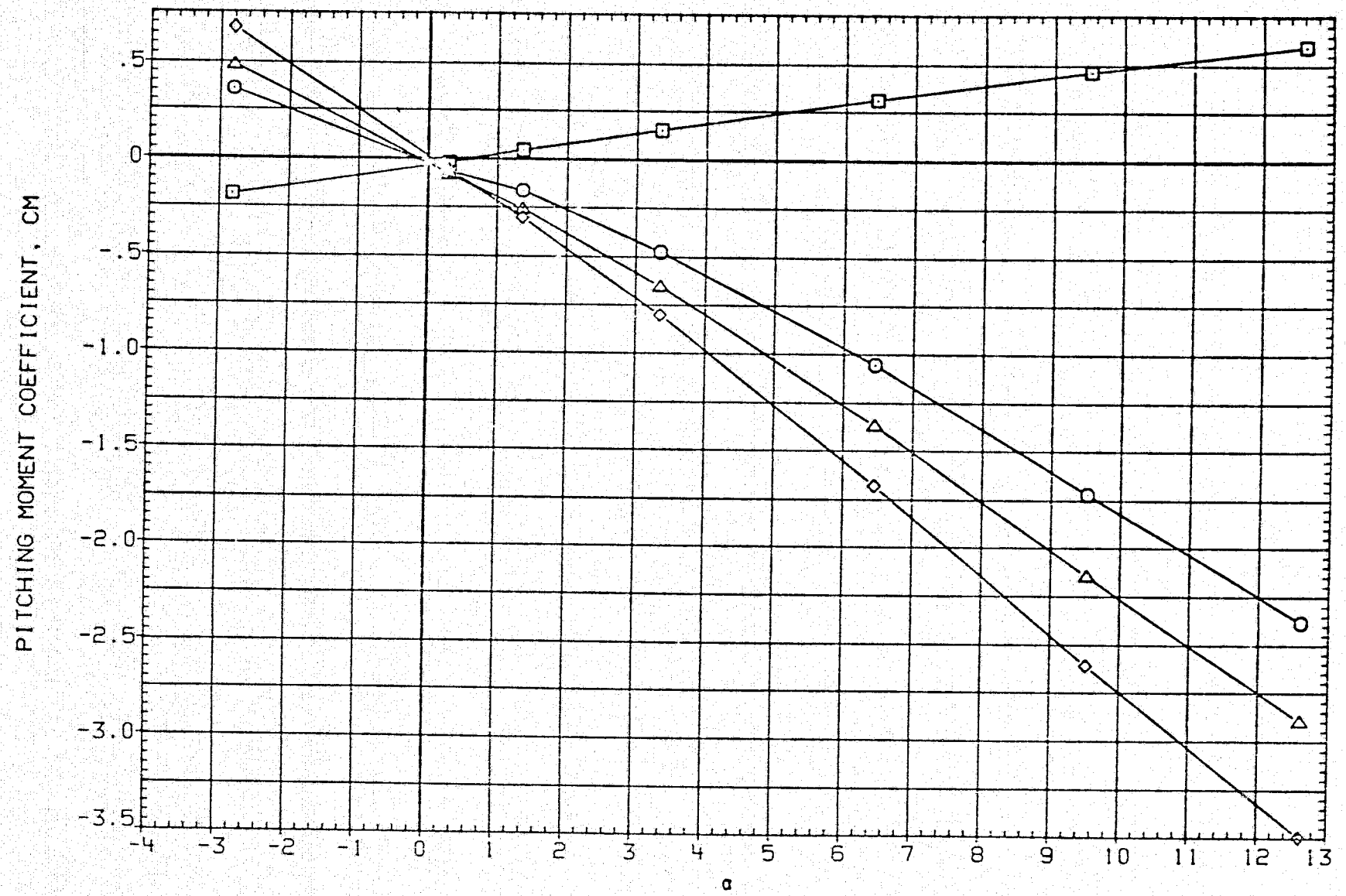



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ282) CONFIGURATION 20 (BN2C3T1)

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

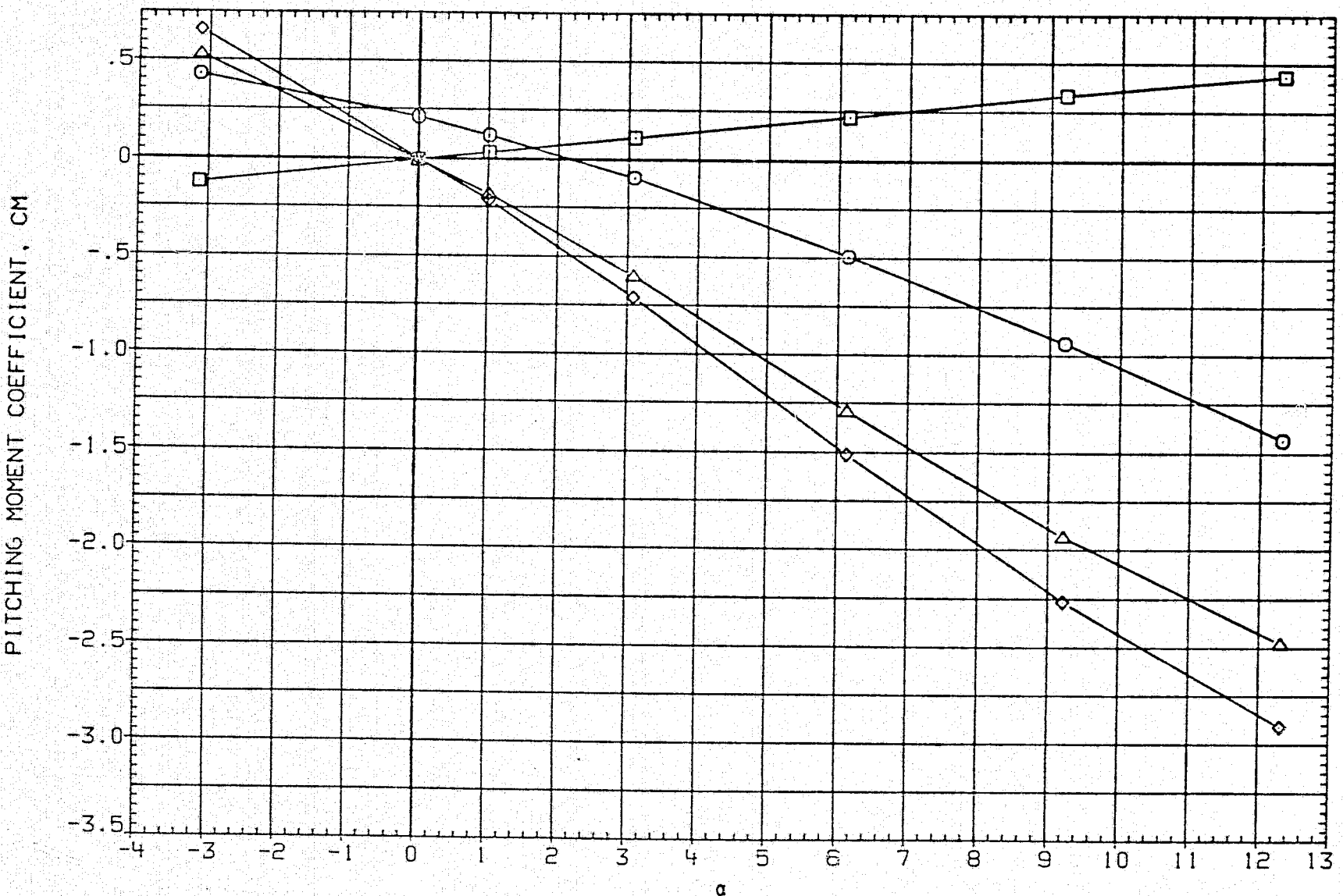



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ282) CONFIGURATION 20 (BN2C3T1)

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

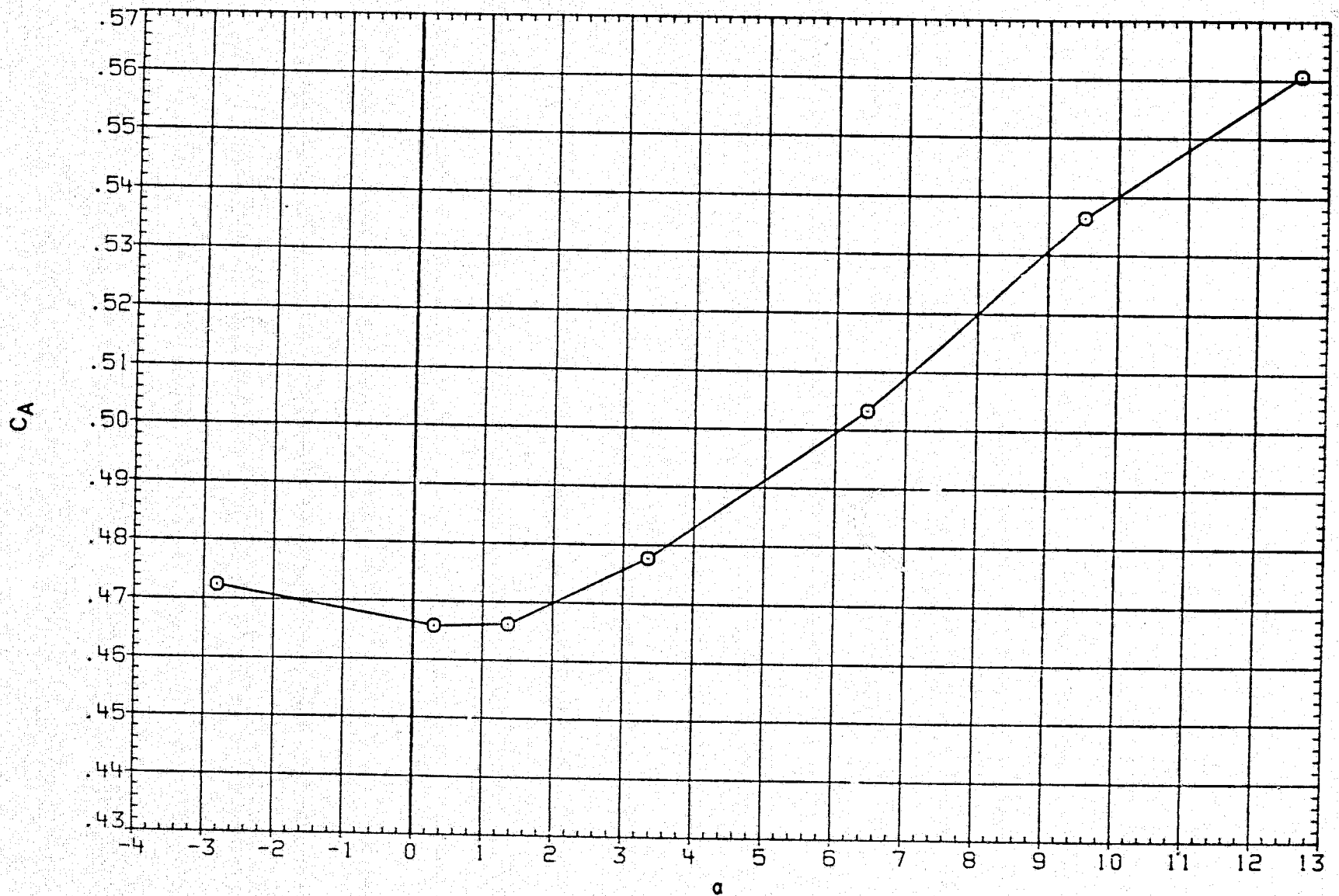



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ282) CONFIGURATION 20 (BN2C3T1)

| 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 |

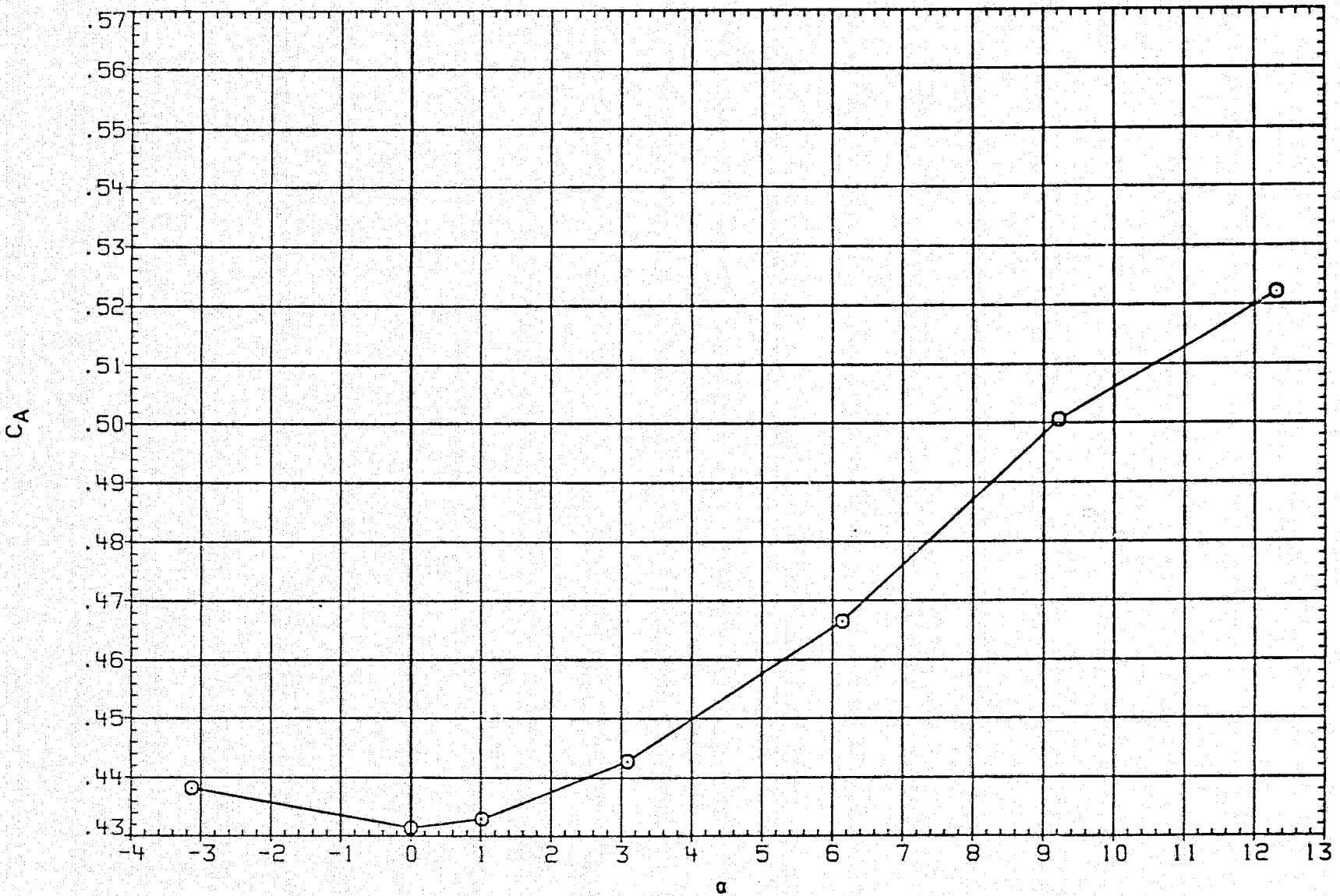



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ282) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.502 | 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 |

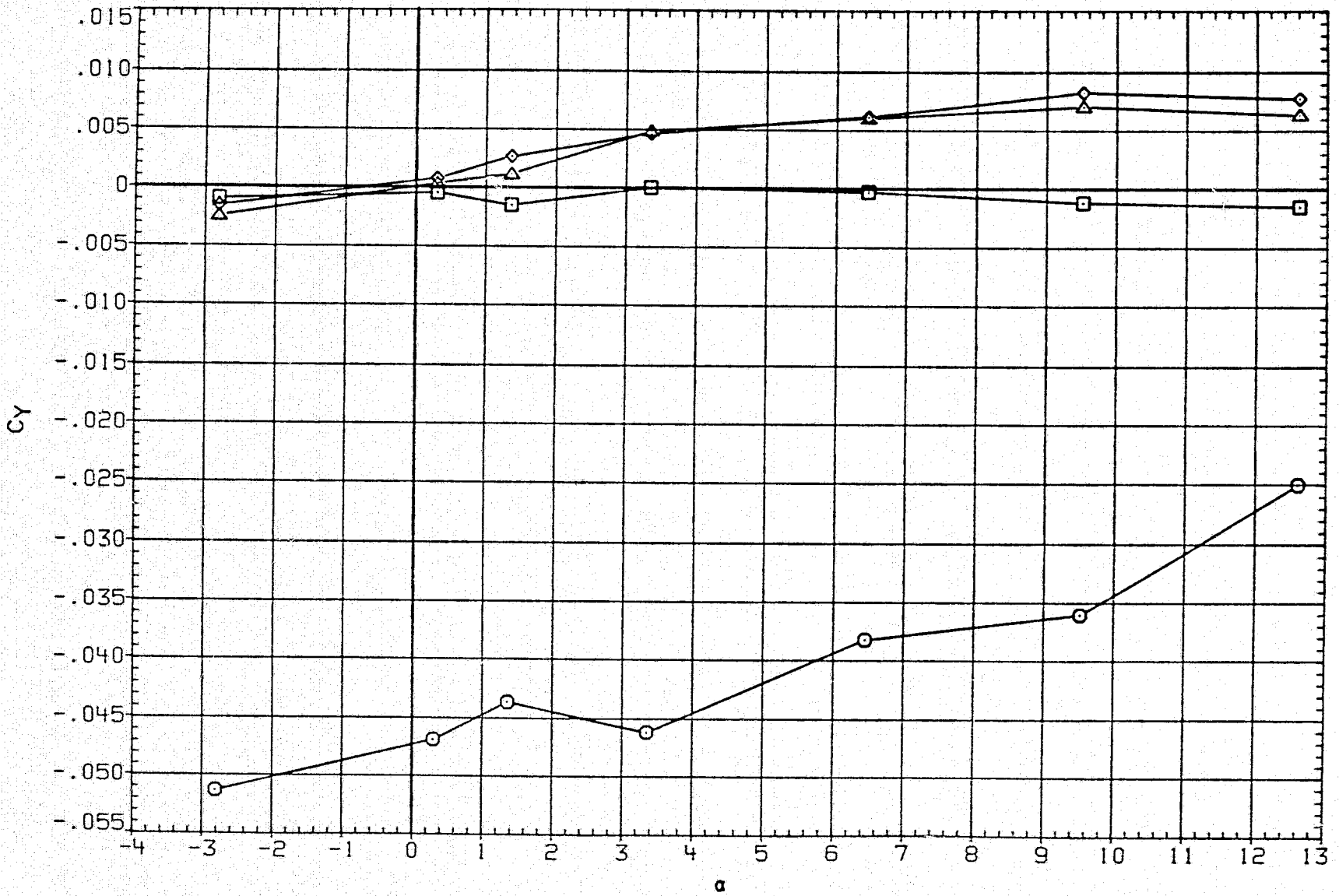



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

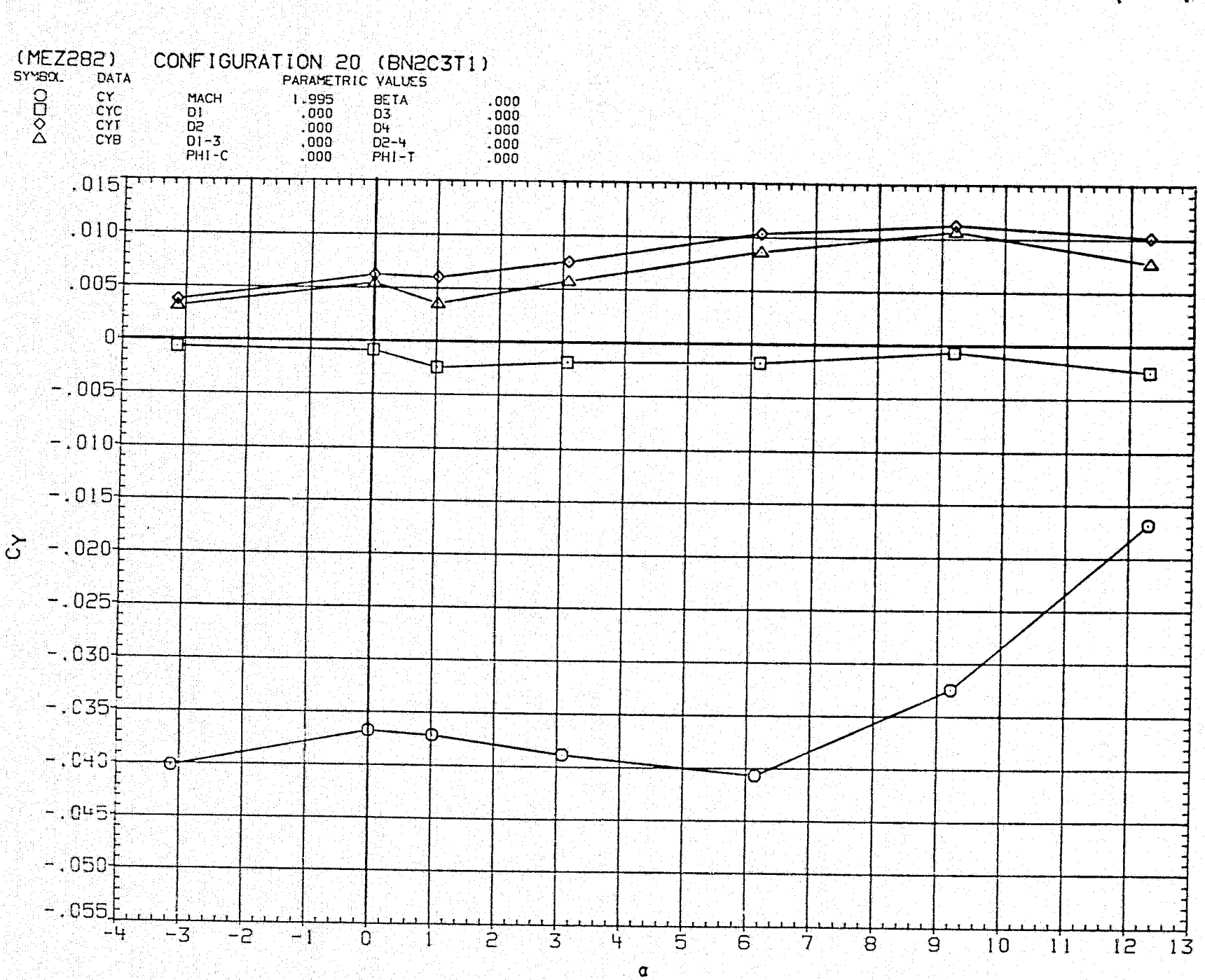



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ282) CONFIGURATION 20 (BN2C3T1)

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

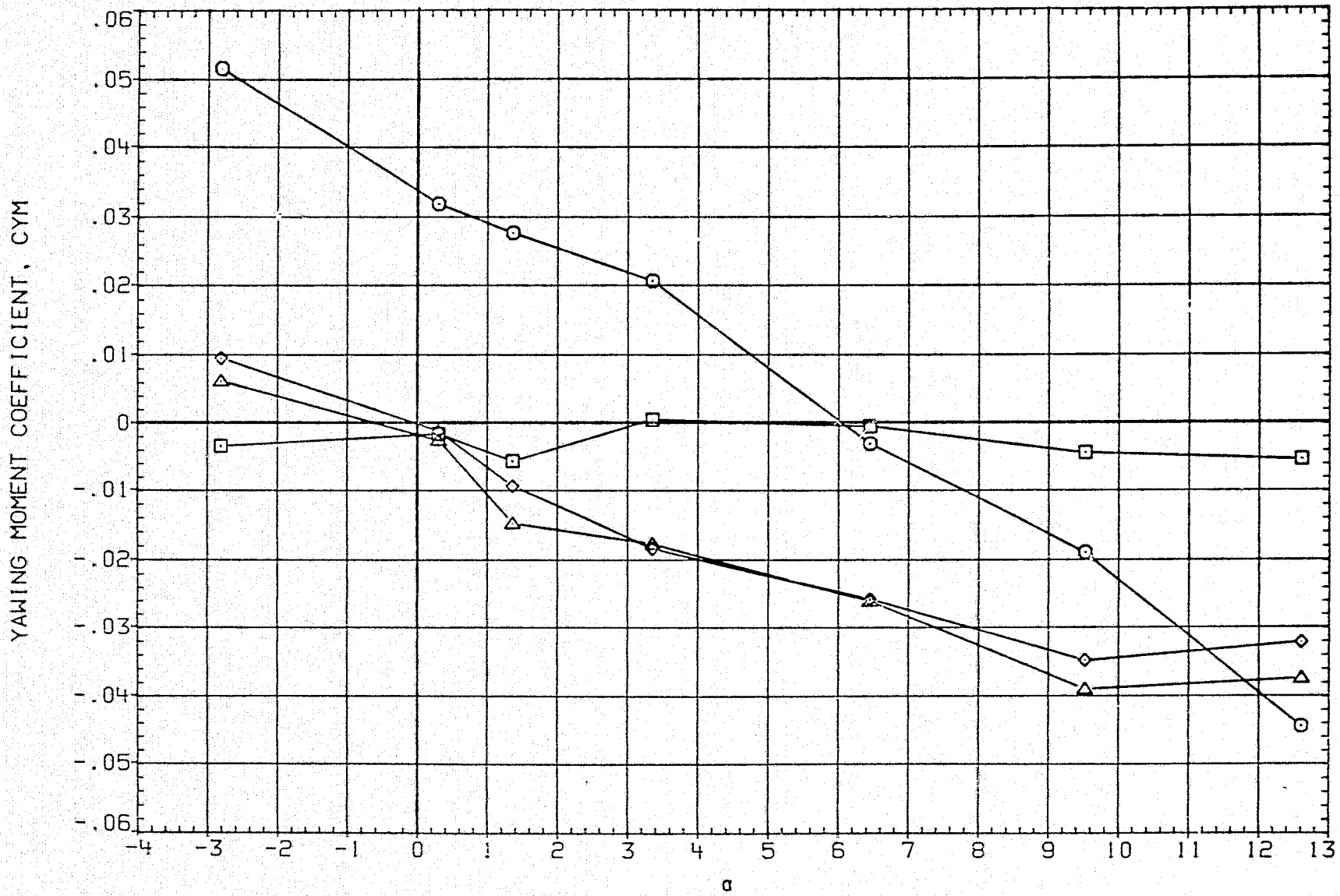



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ282) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.935 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | .000 | D4 | .000 |
| △ | CYMB | D1-3 | .000 | D2-4 | .000 |
| | | PHI-C | .000 | PHI-T | .000 |

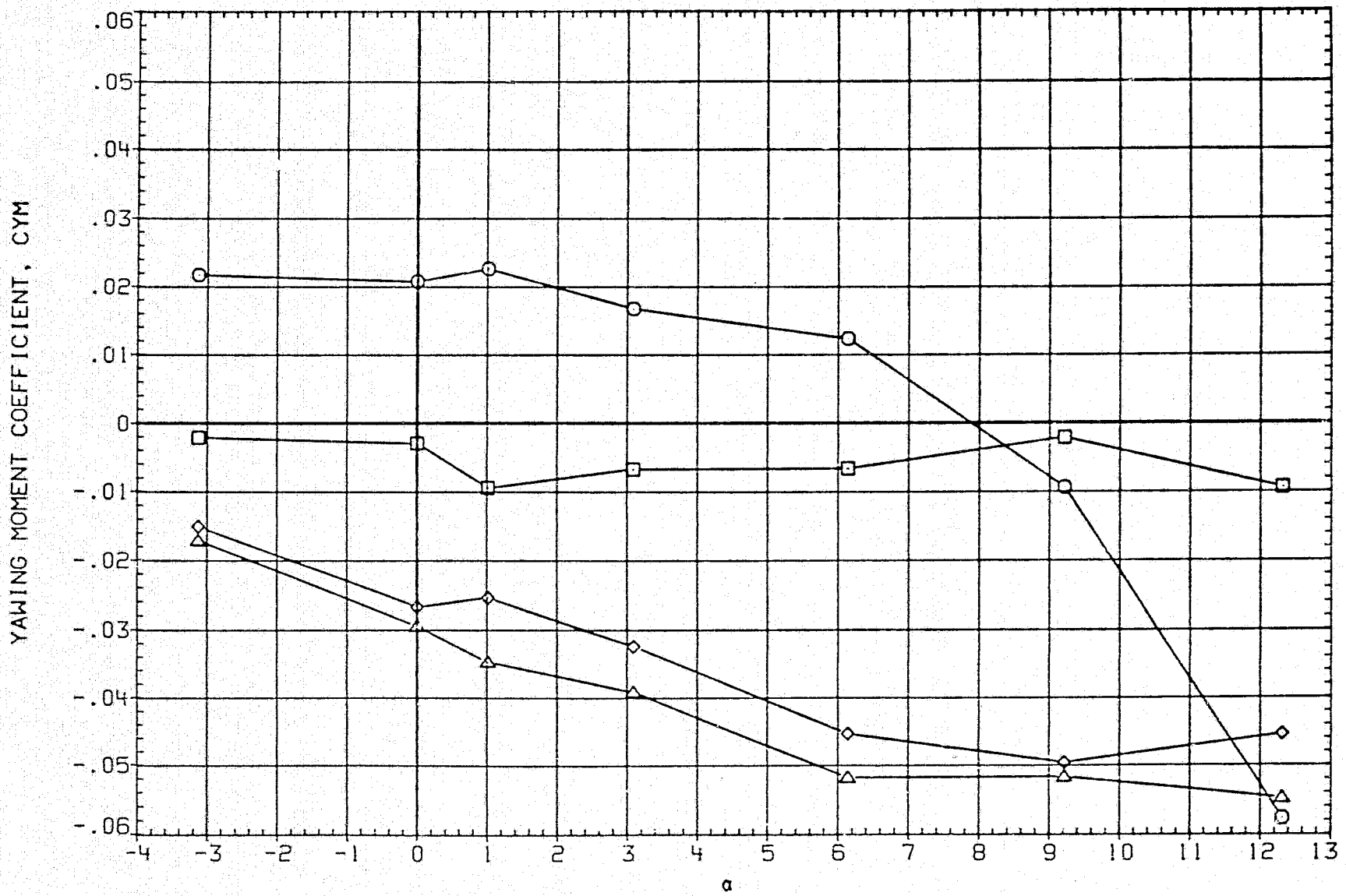



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ282) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.502 | 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 |

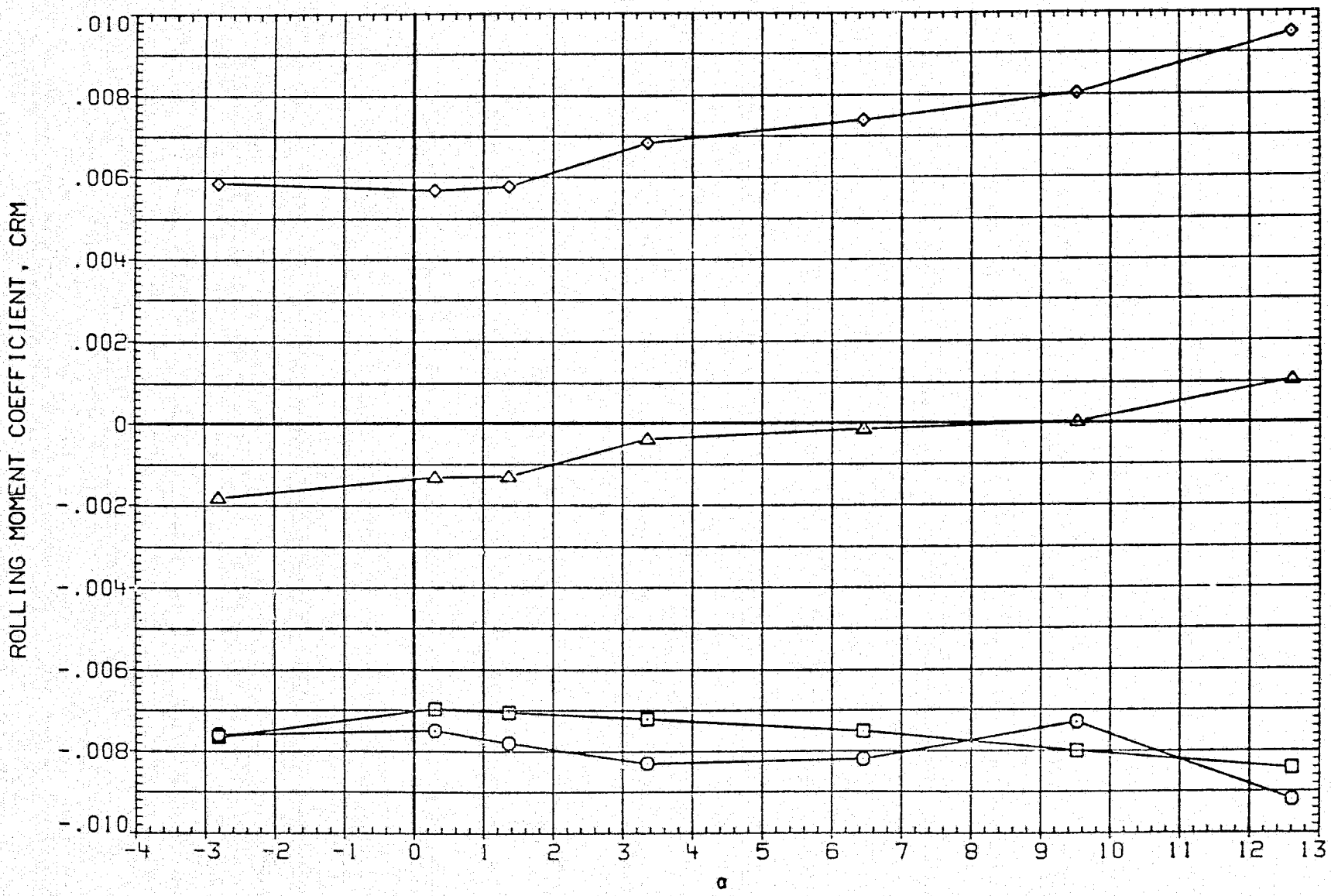


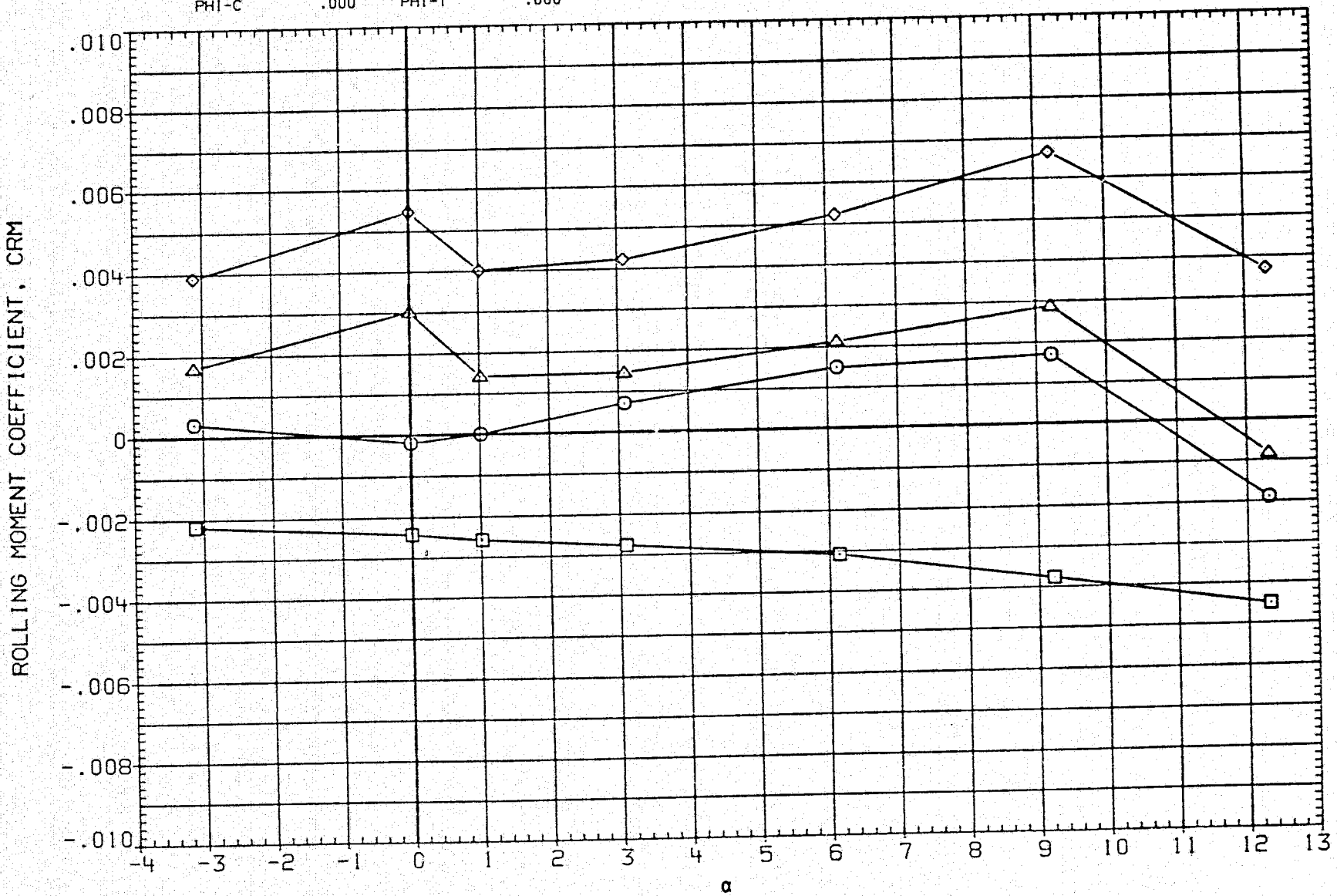

FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ282) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| ○ | CRM |
| □ | CRMC |
| ◇ | CRMT |
| △ | CRMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| 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 |




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

(LEZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.499 | BETA | .000 |
| □ | CNC | D1 | .000 | D3 | .000 |
| ◇ | CNT | D2 | 1.000 | D4 | 1.000 |
| △ | CNB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | PHI-T | .000 |

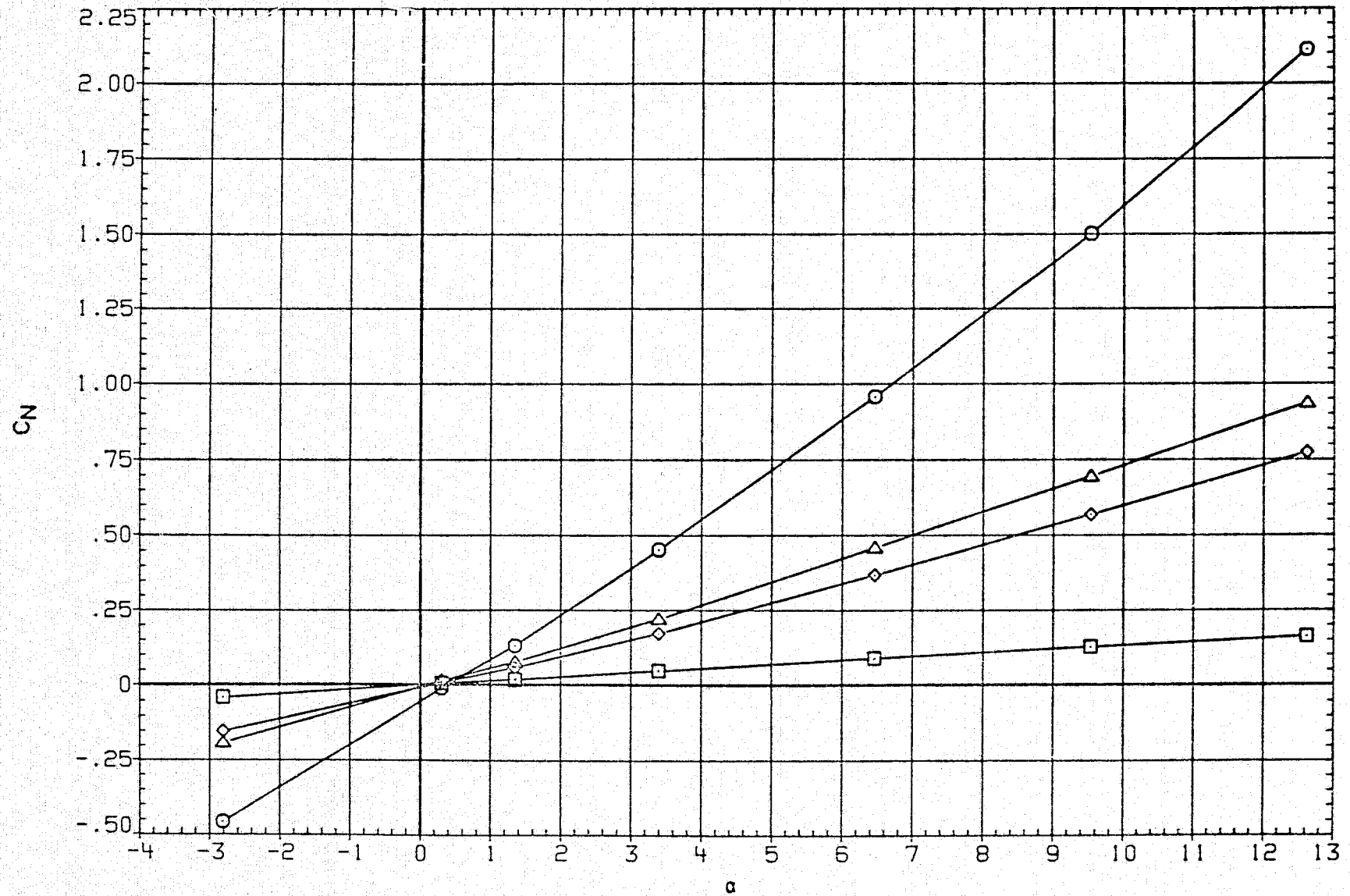



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.995 | BETA | .000 |
| □ | CNC | D1 | .000 | D3 | .000 |
| ◇ | CNT | D2 | 1.000 | D4 | 1.000 |
| △ | CNB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | PHI-T | .000 |

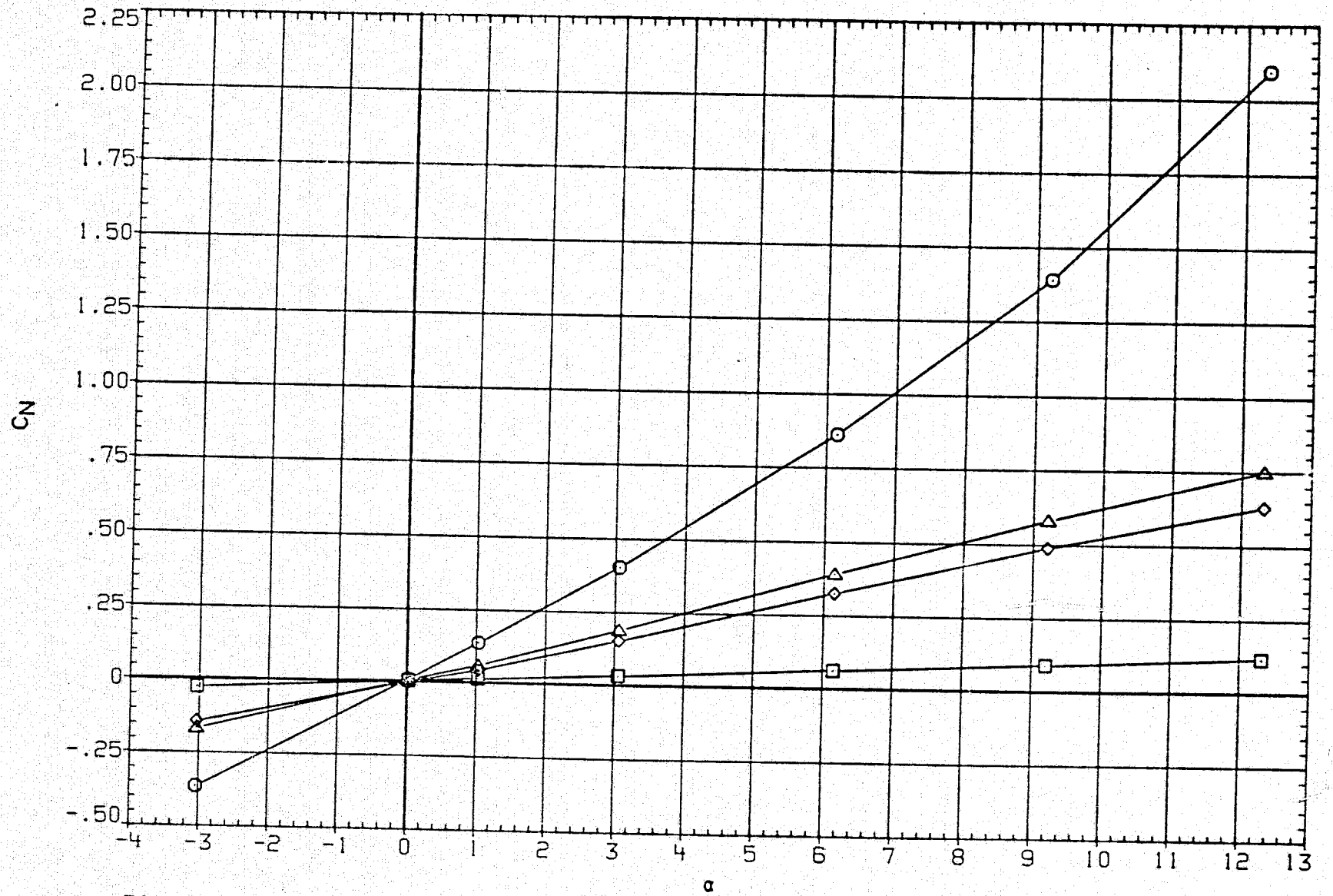



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.499 | 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 |

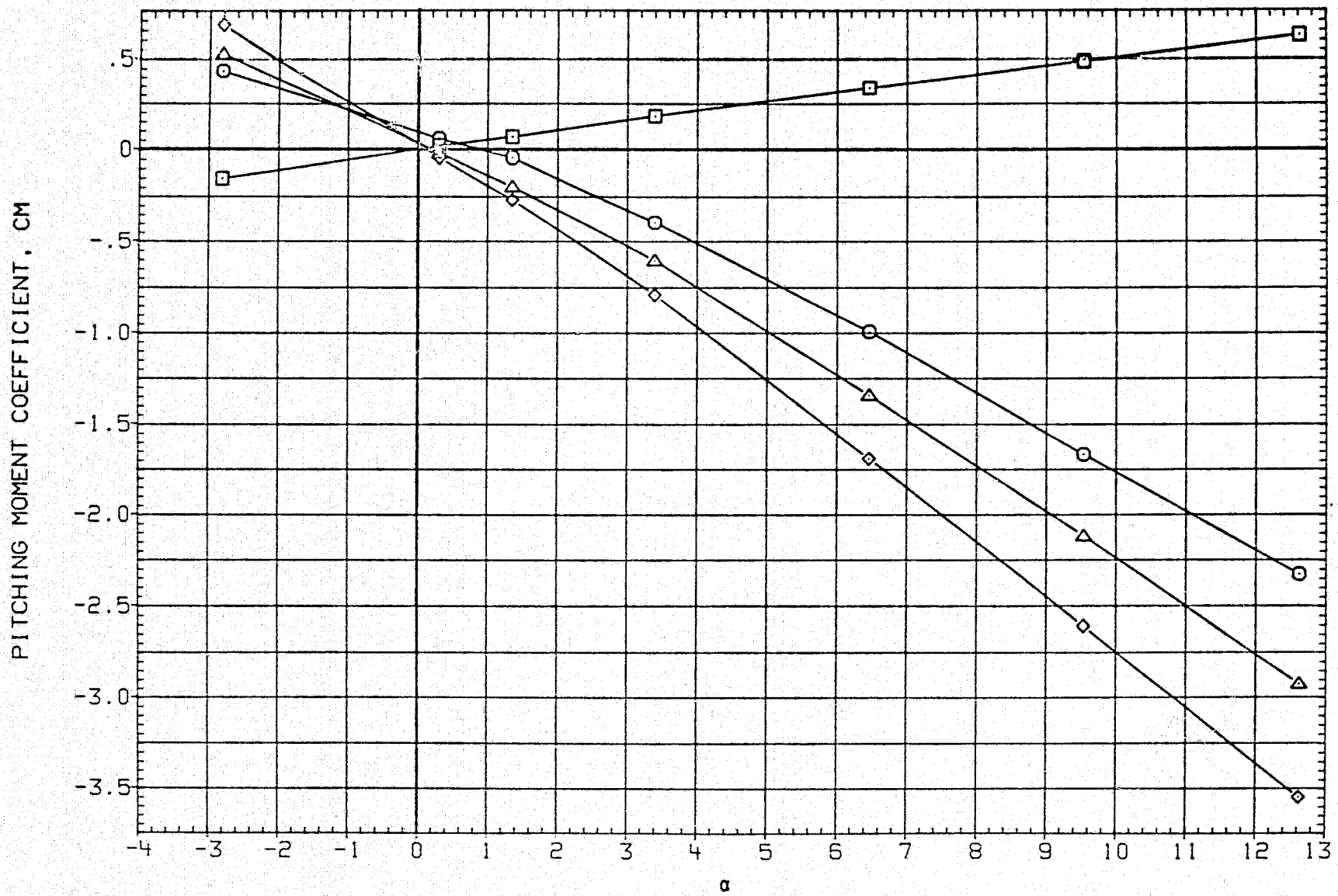



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.995 | 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 |

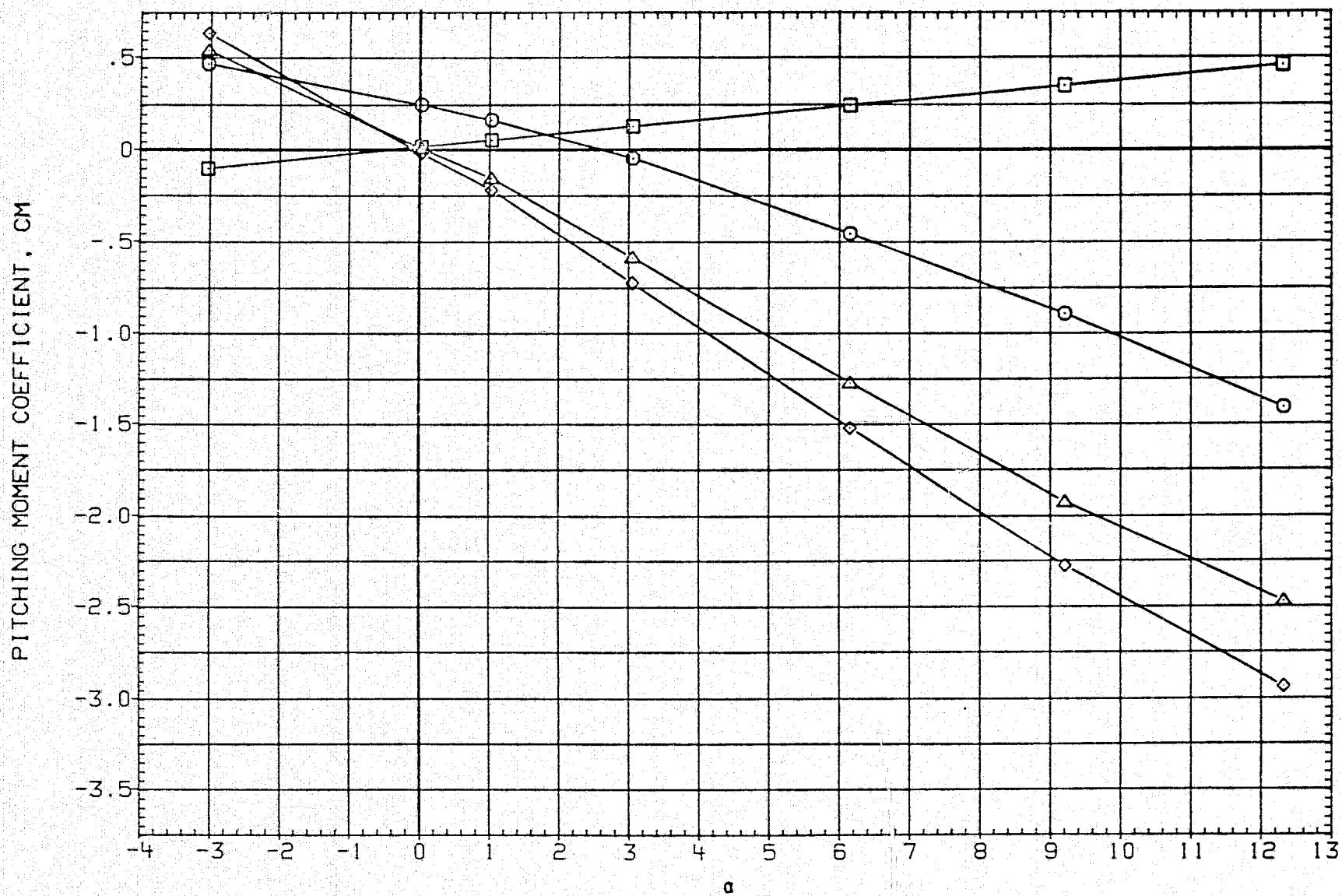



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOADS SUMMATIONS

(0EZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.499 | 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 |

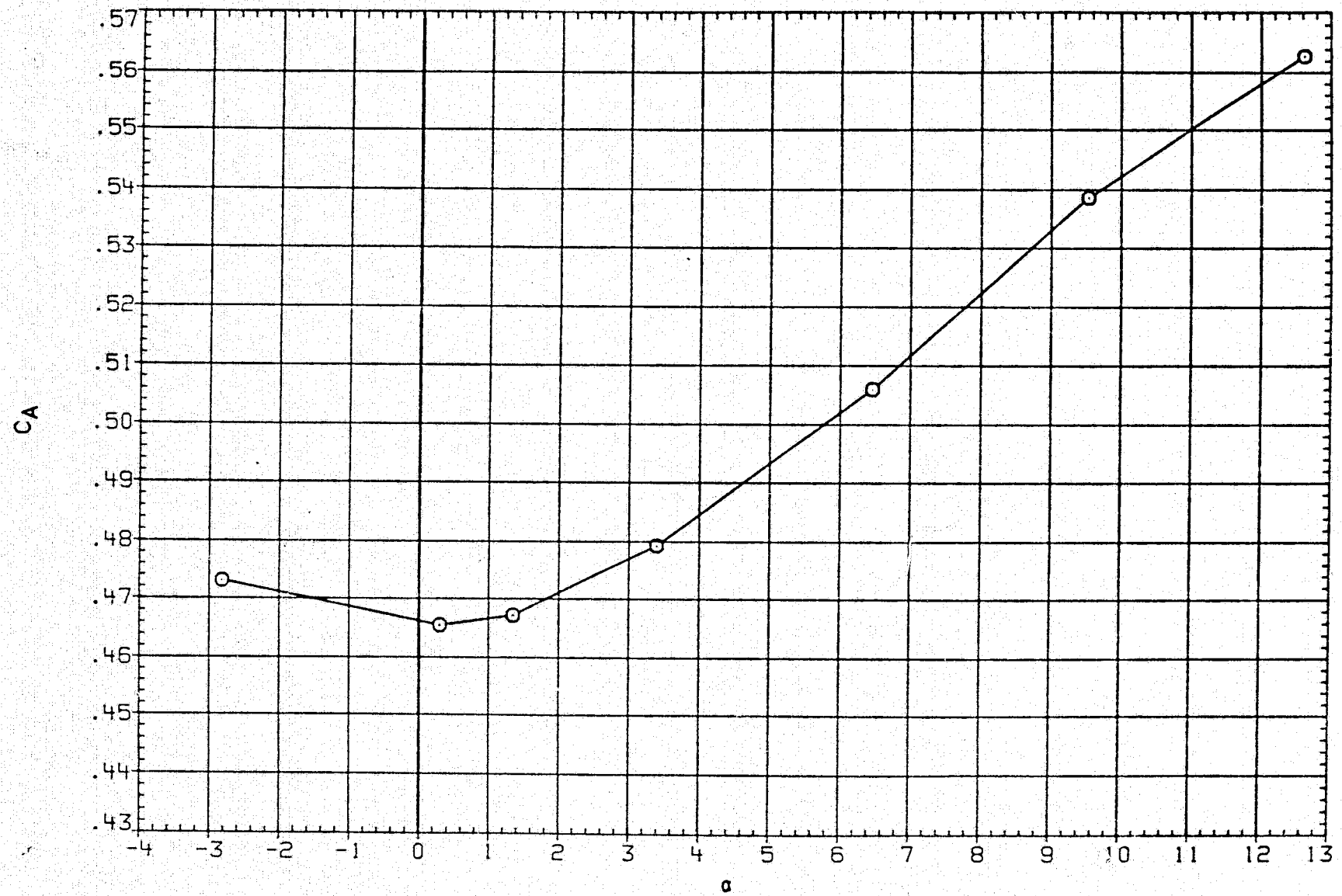



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.995 | 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 |

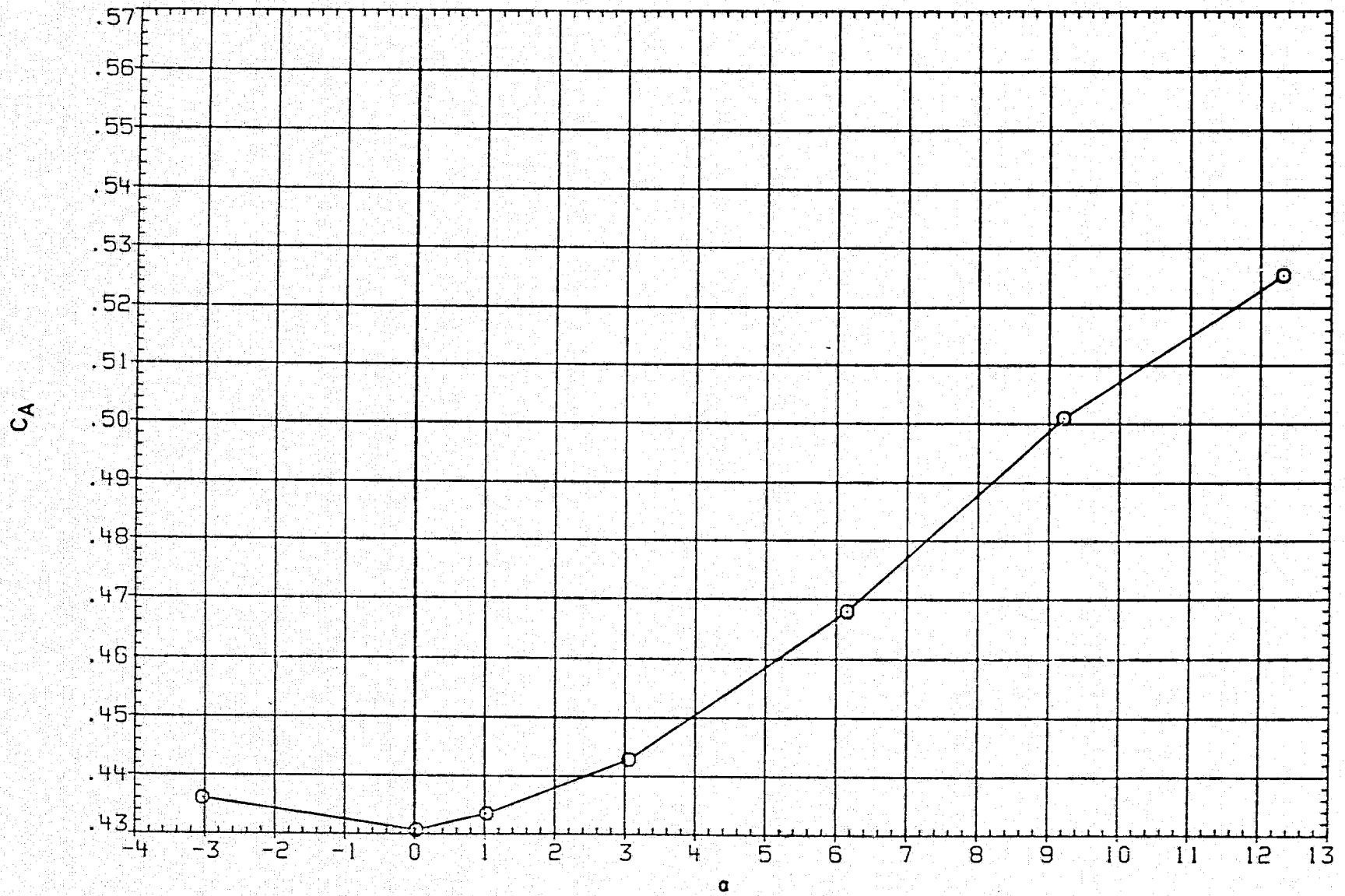



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

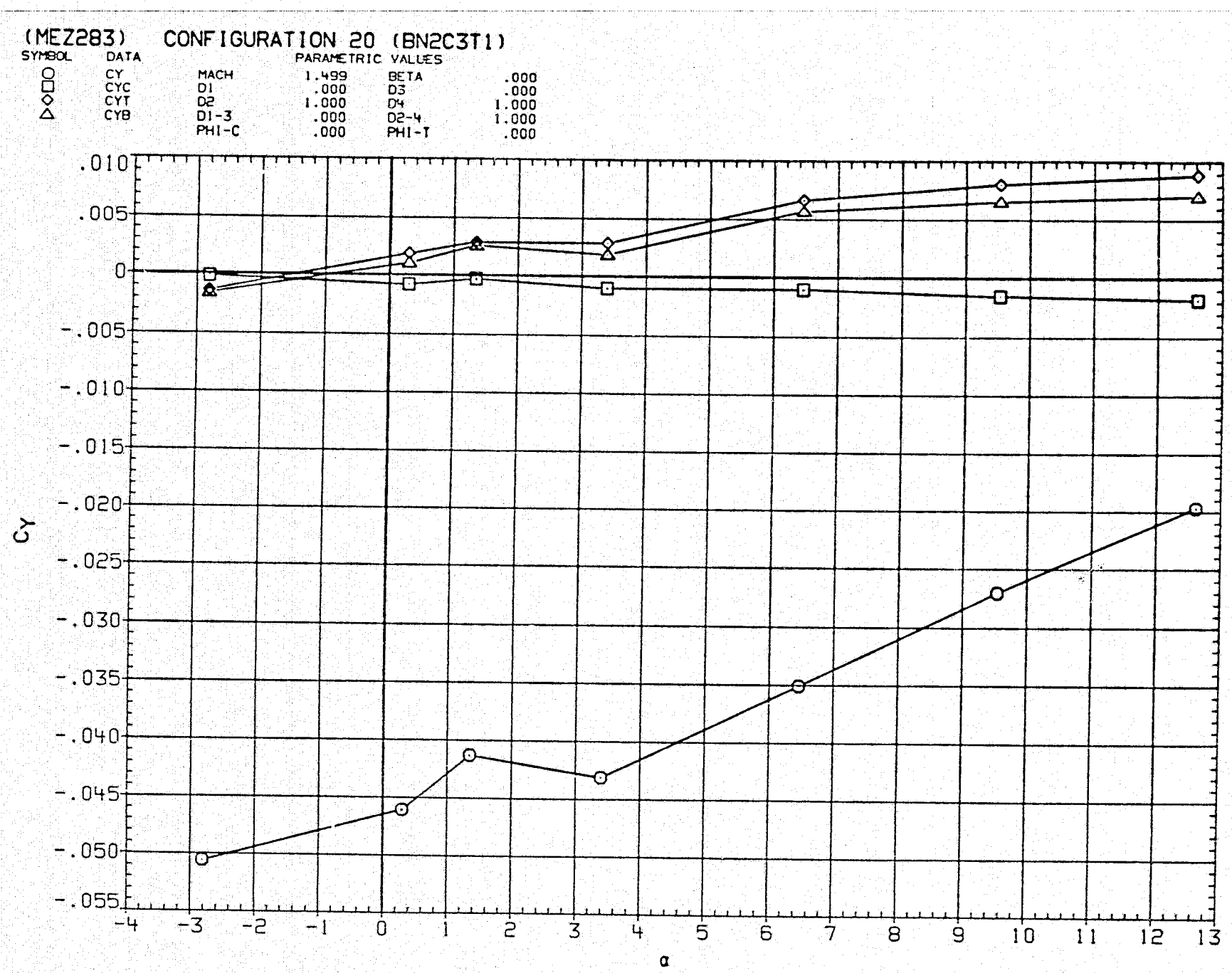



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.995 | 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 |

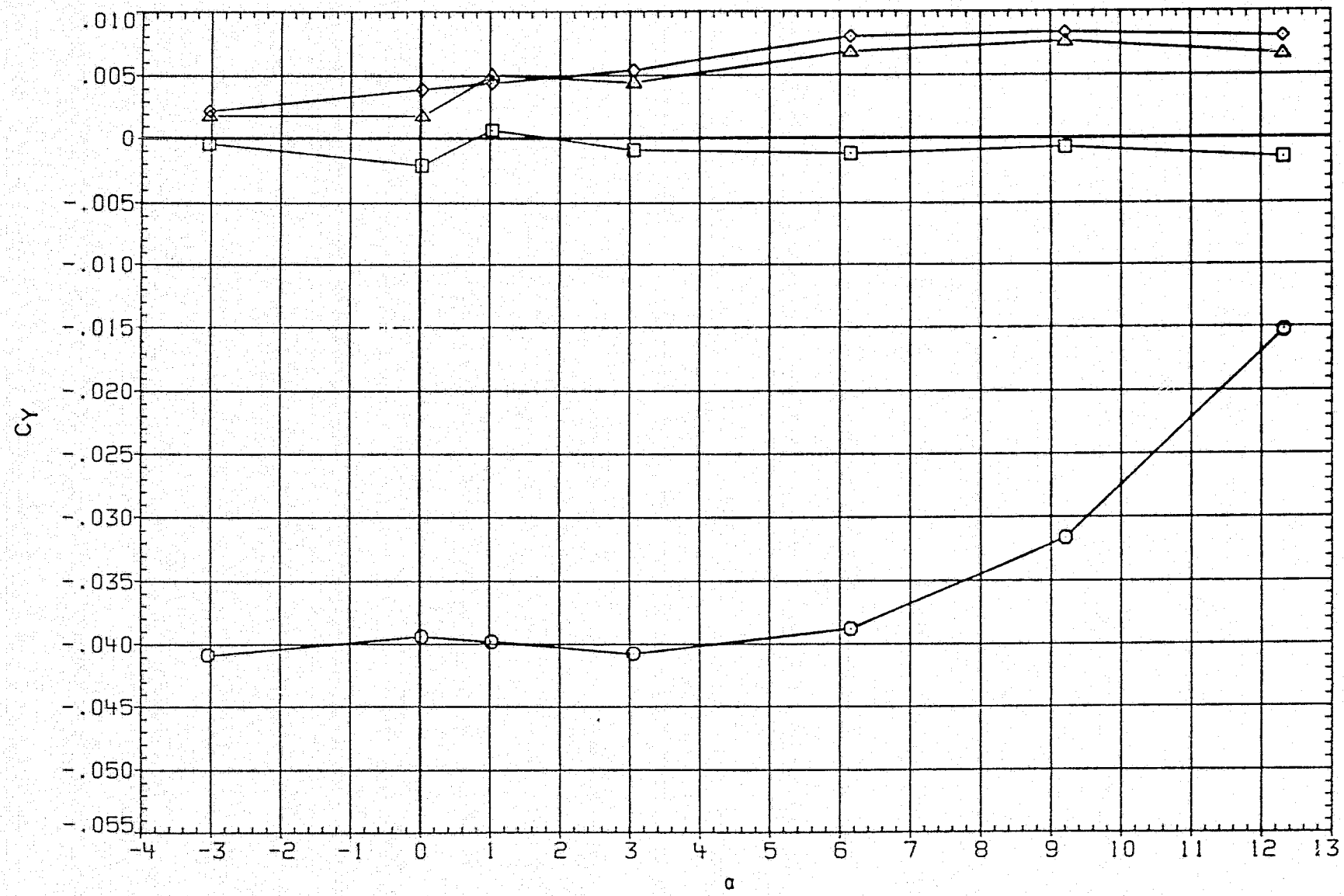



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.499 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | 1.000 | D4 | 1.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | PHI-T | .000 |

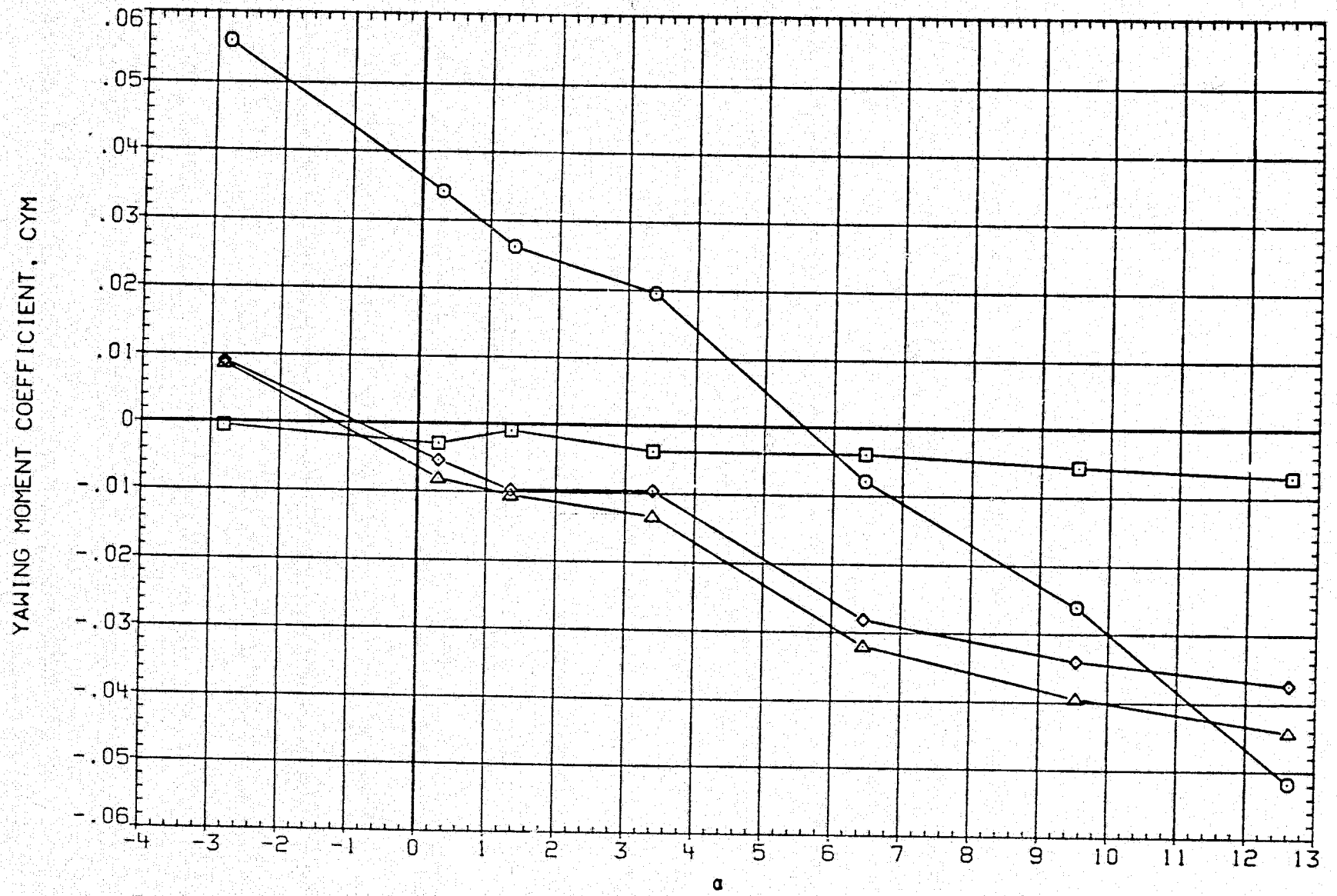



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

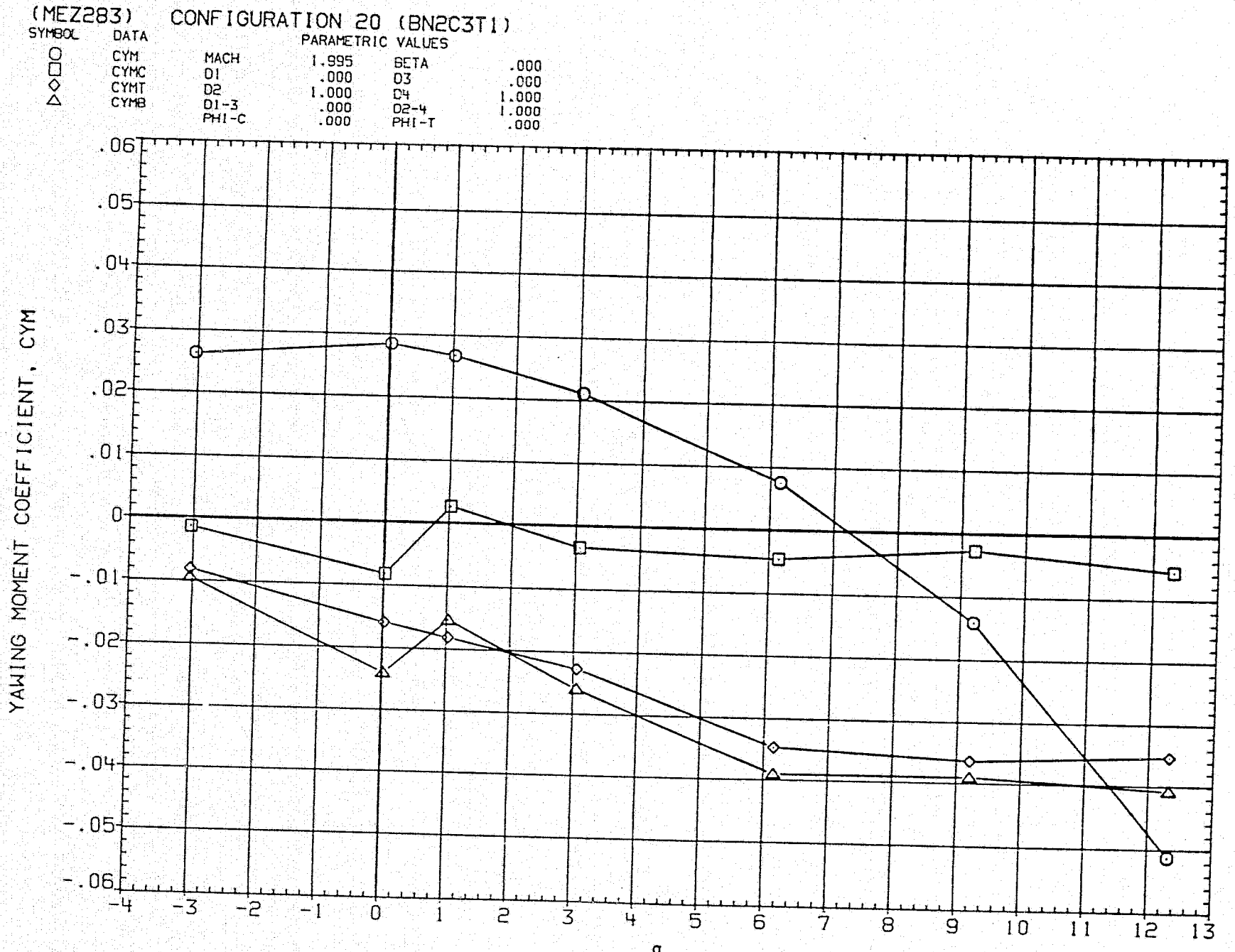



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ283) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.499 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | 1.000 | D4 | 1.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 1.000 |
| | | PHI-C | .000 | PHI-T | .000 |

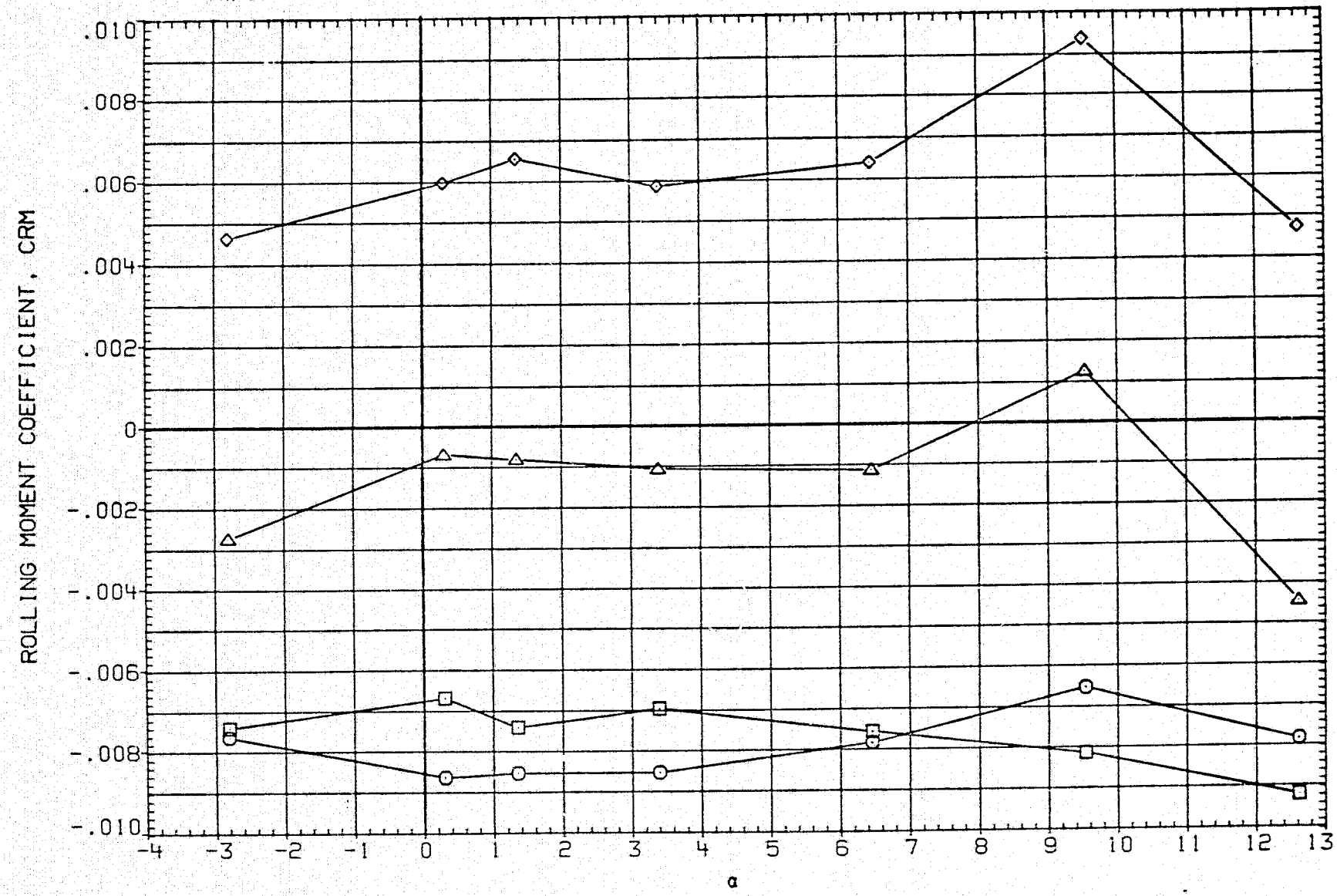



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

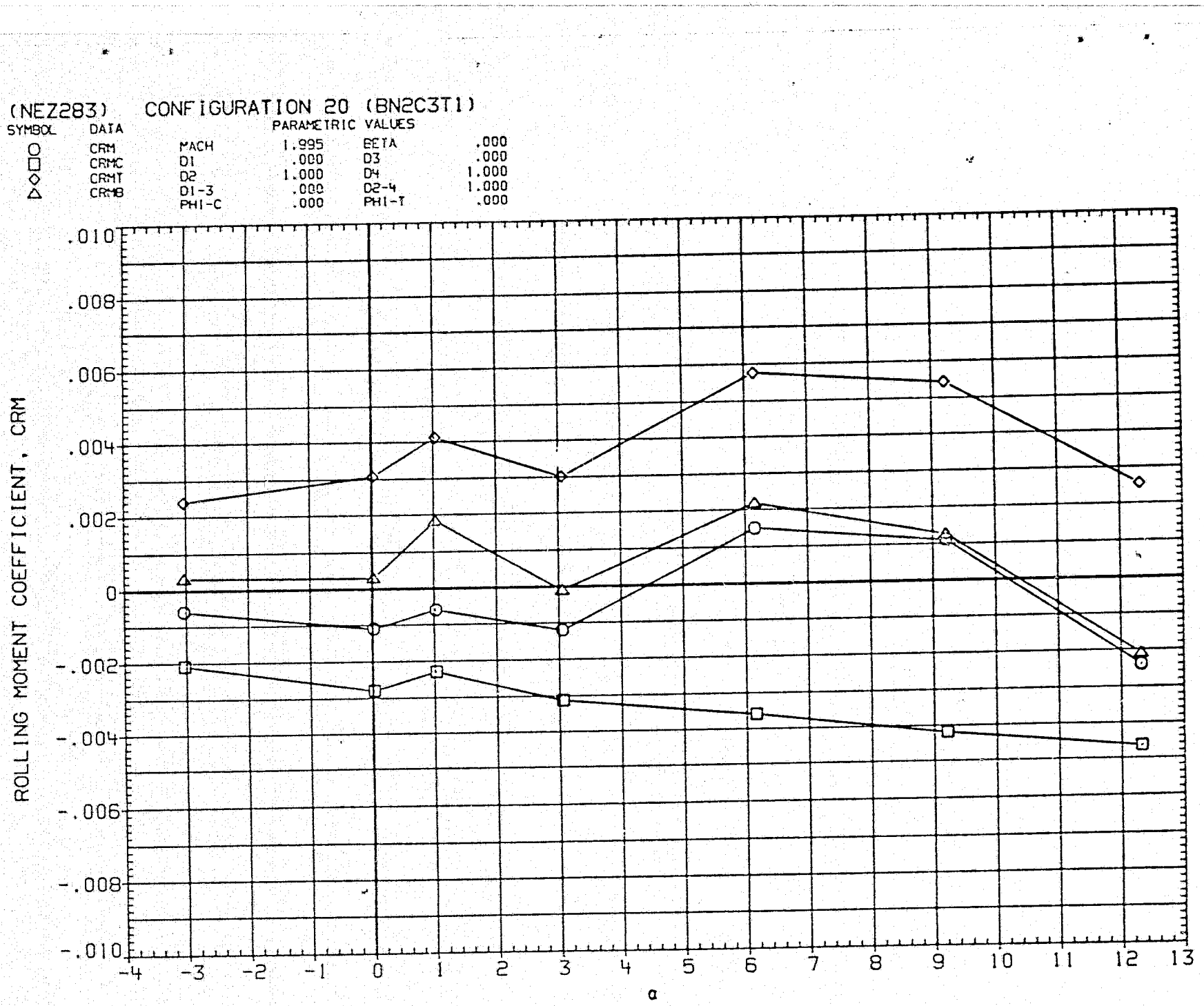



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.501 | 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 |

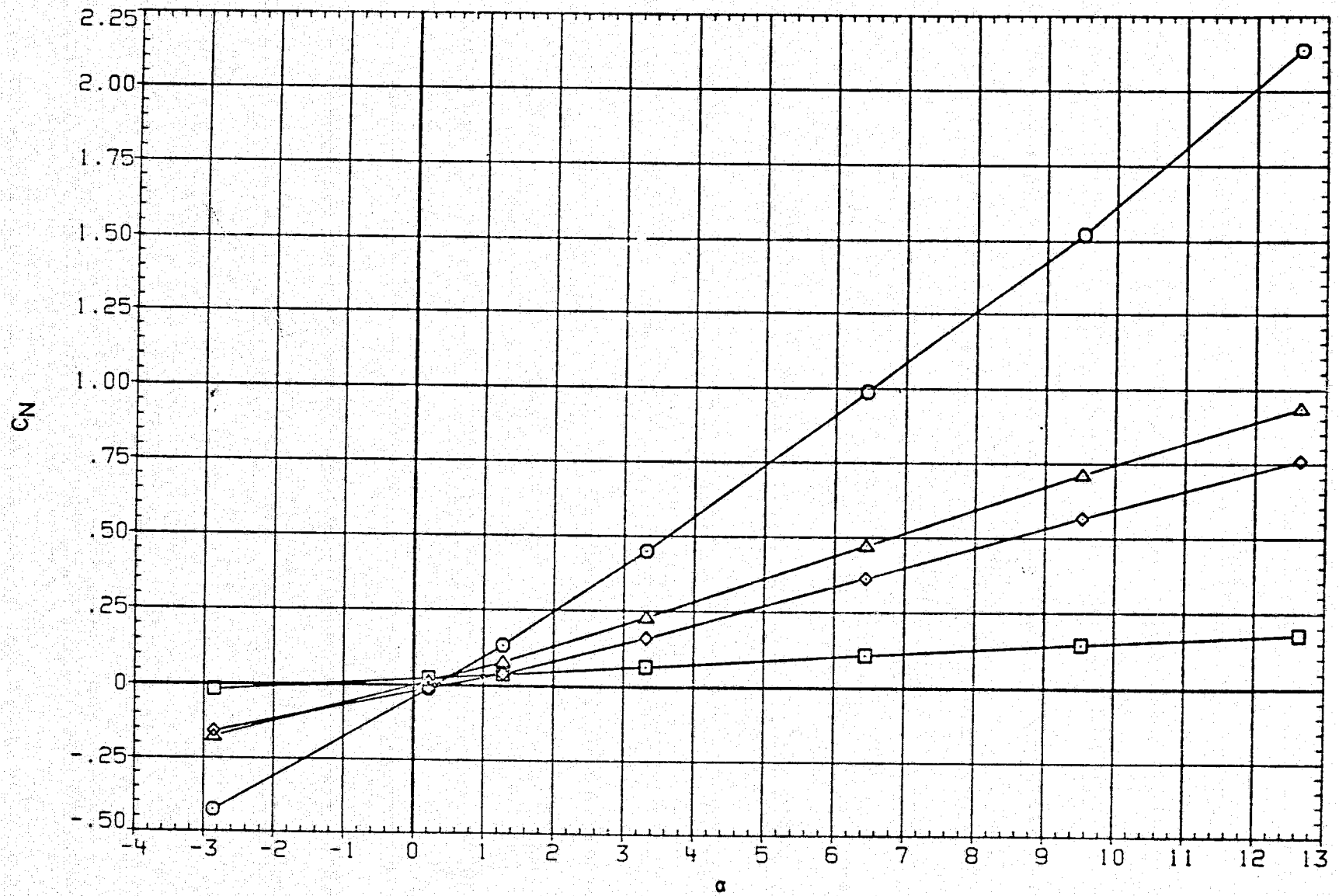



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNC |
| ◇ | CNT |
| △ | CNB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.995 | 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 |

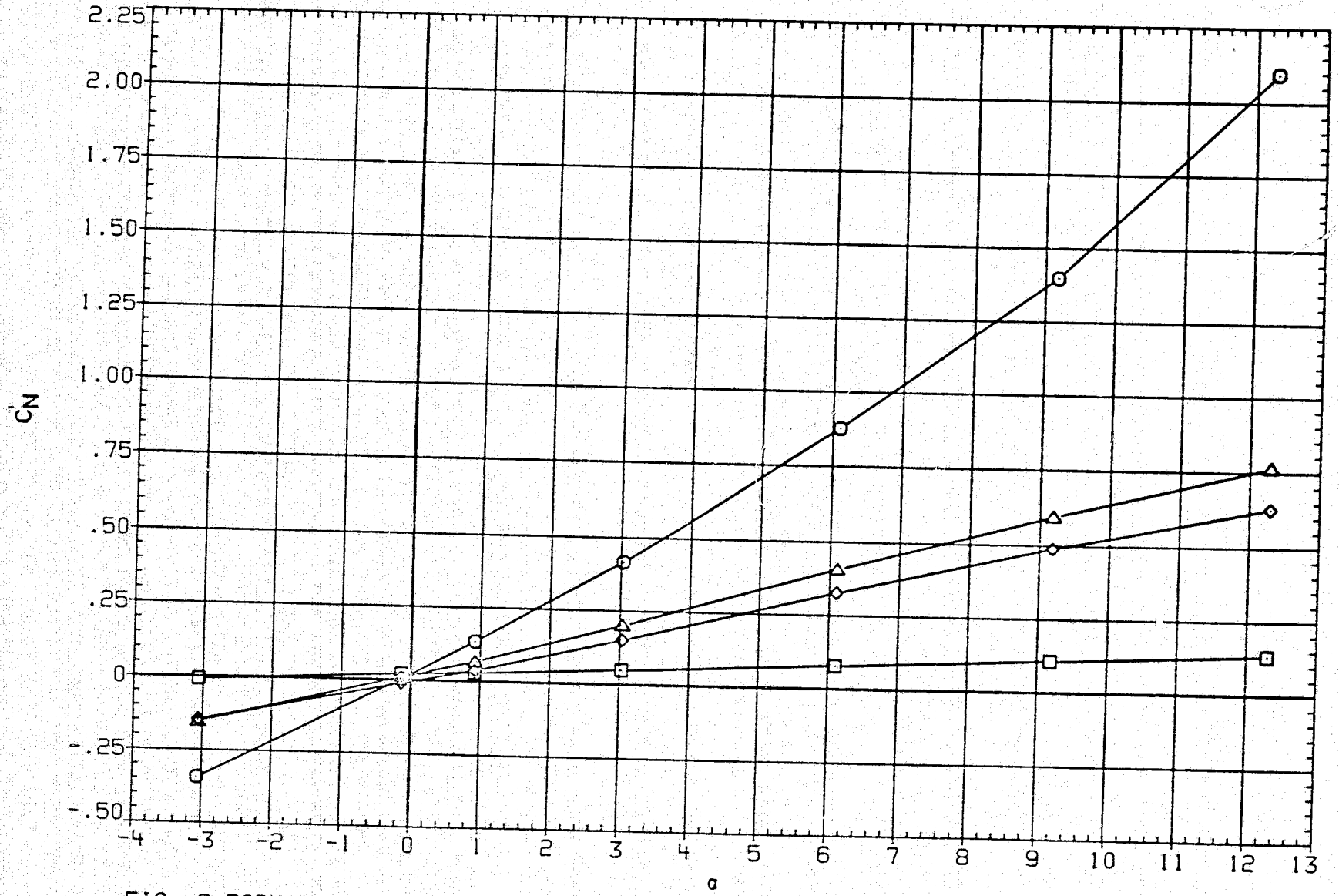



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.501 | 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 |

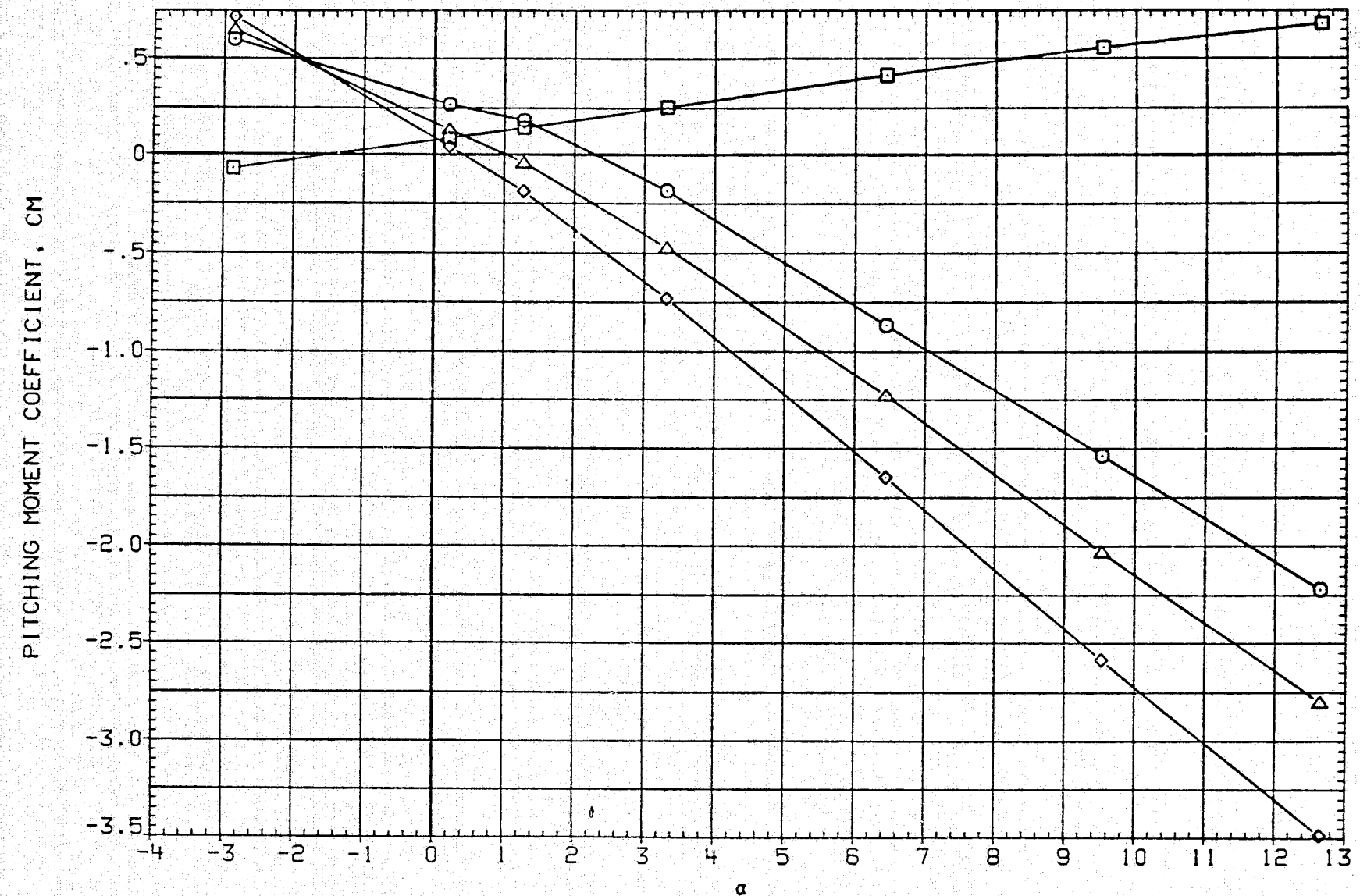



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| ○ | CM |
| □ | CMC |
| ◇ | CMT |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.995 | 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 |

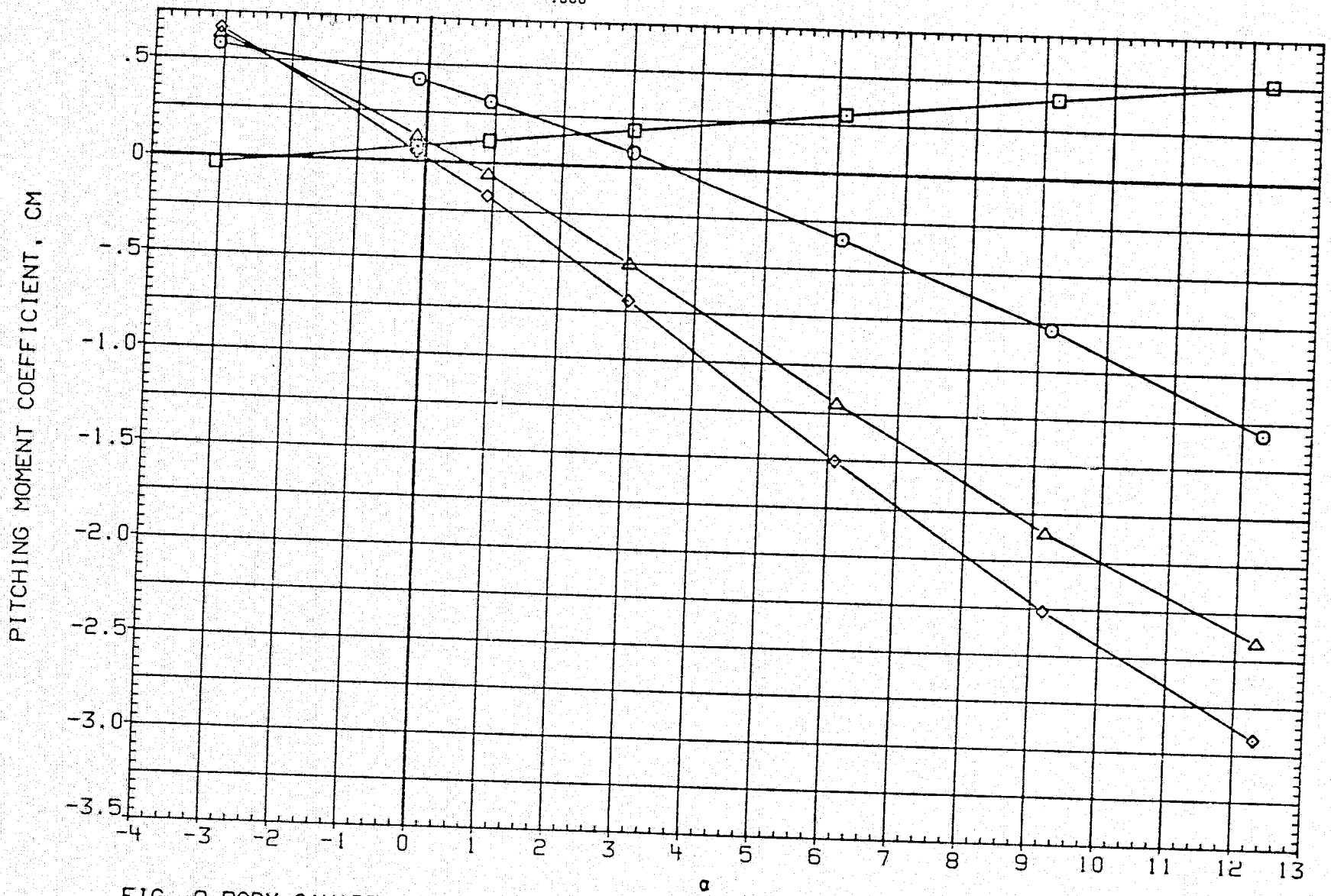



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.501 | 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 |

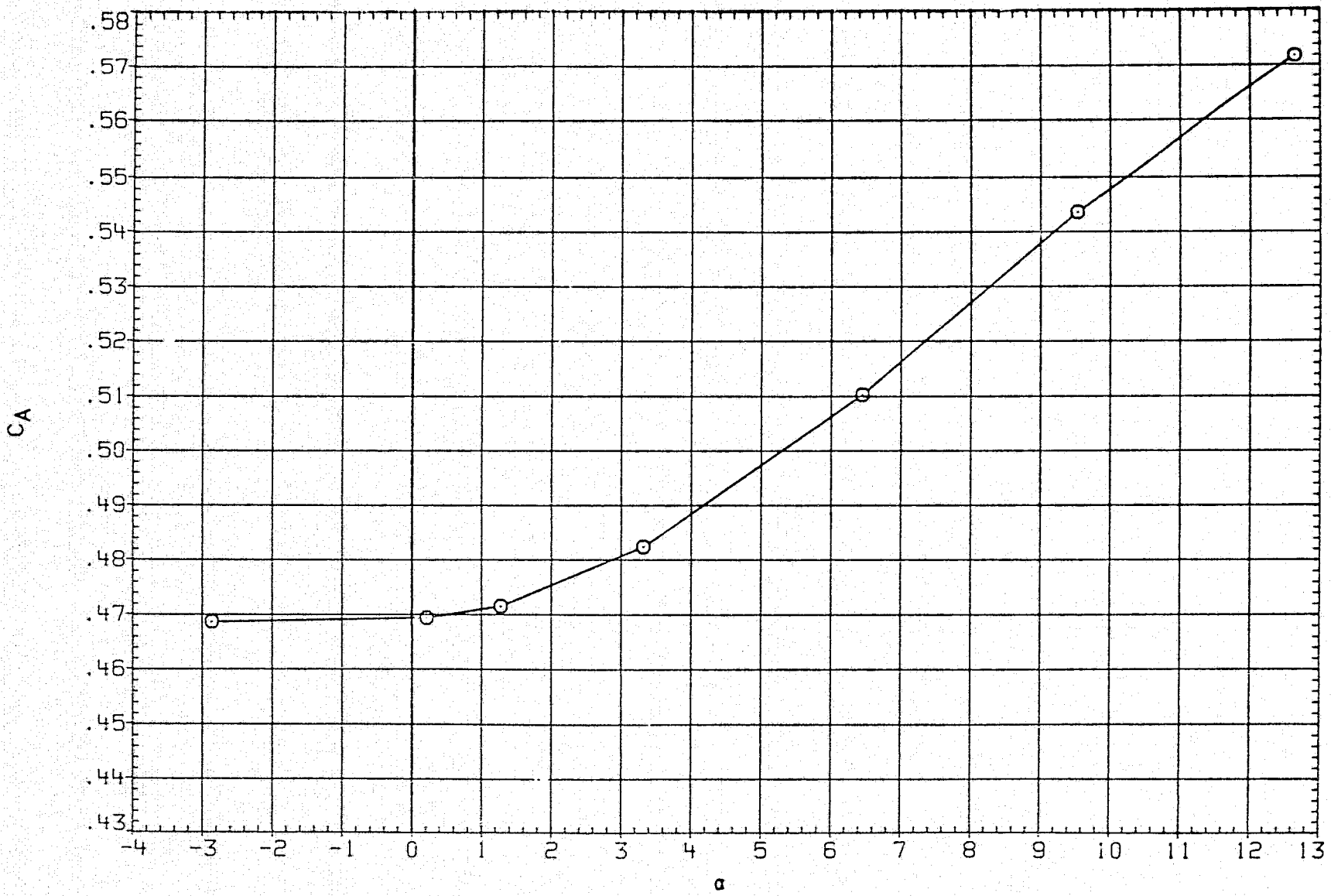



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.995 | 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 |

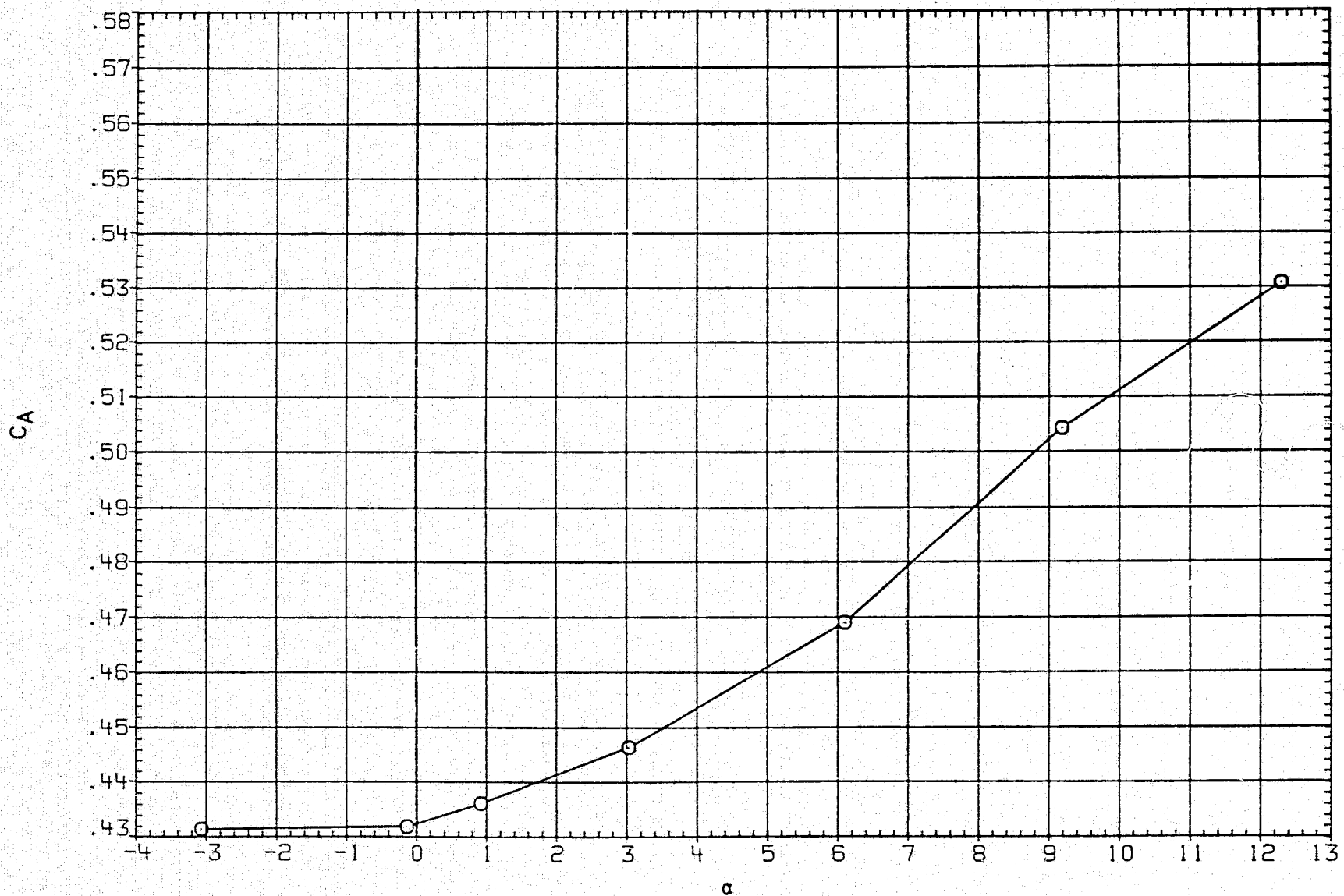



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.501 | 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 |

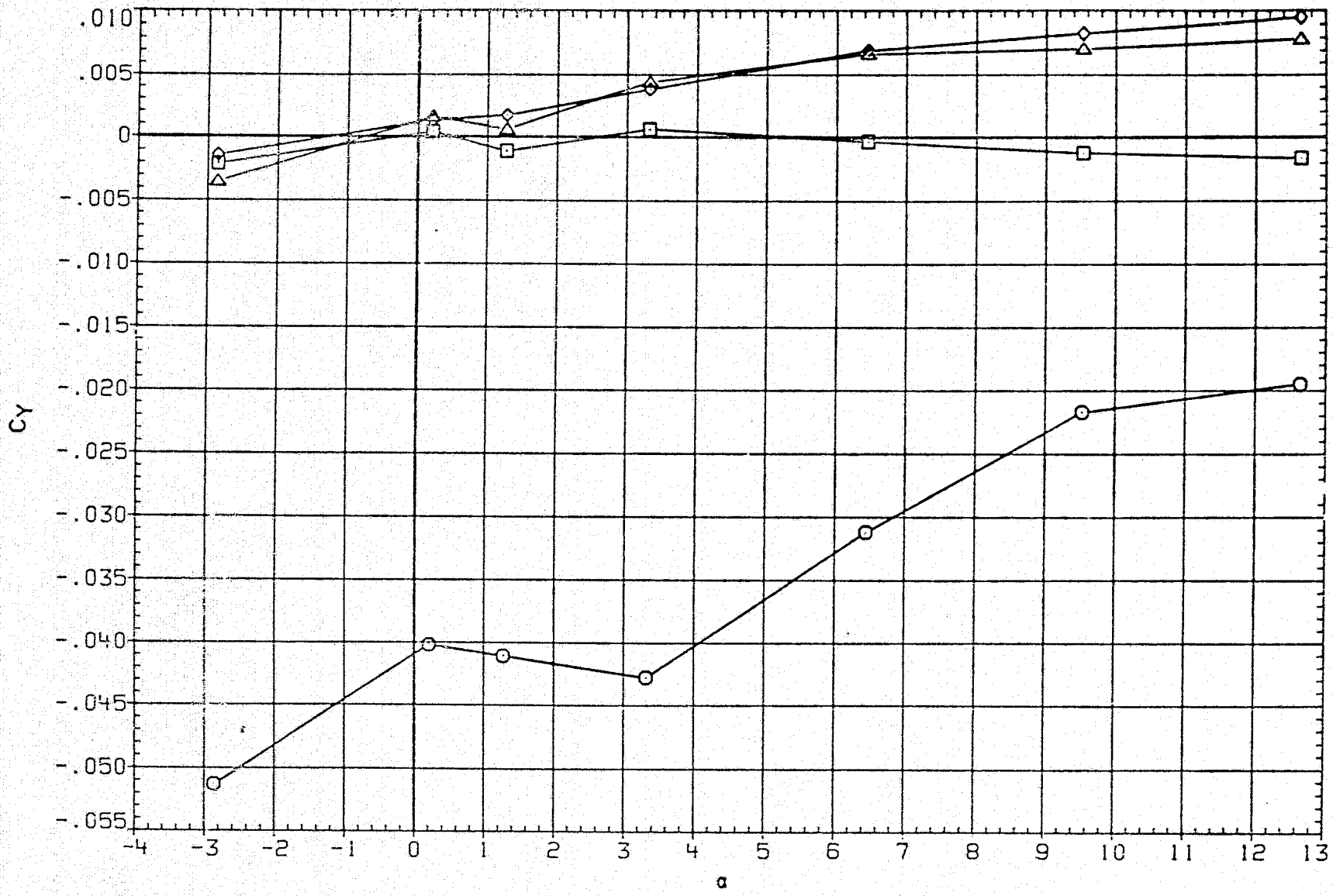



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.595 | 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 |

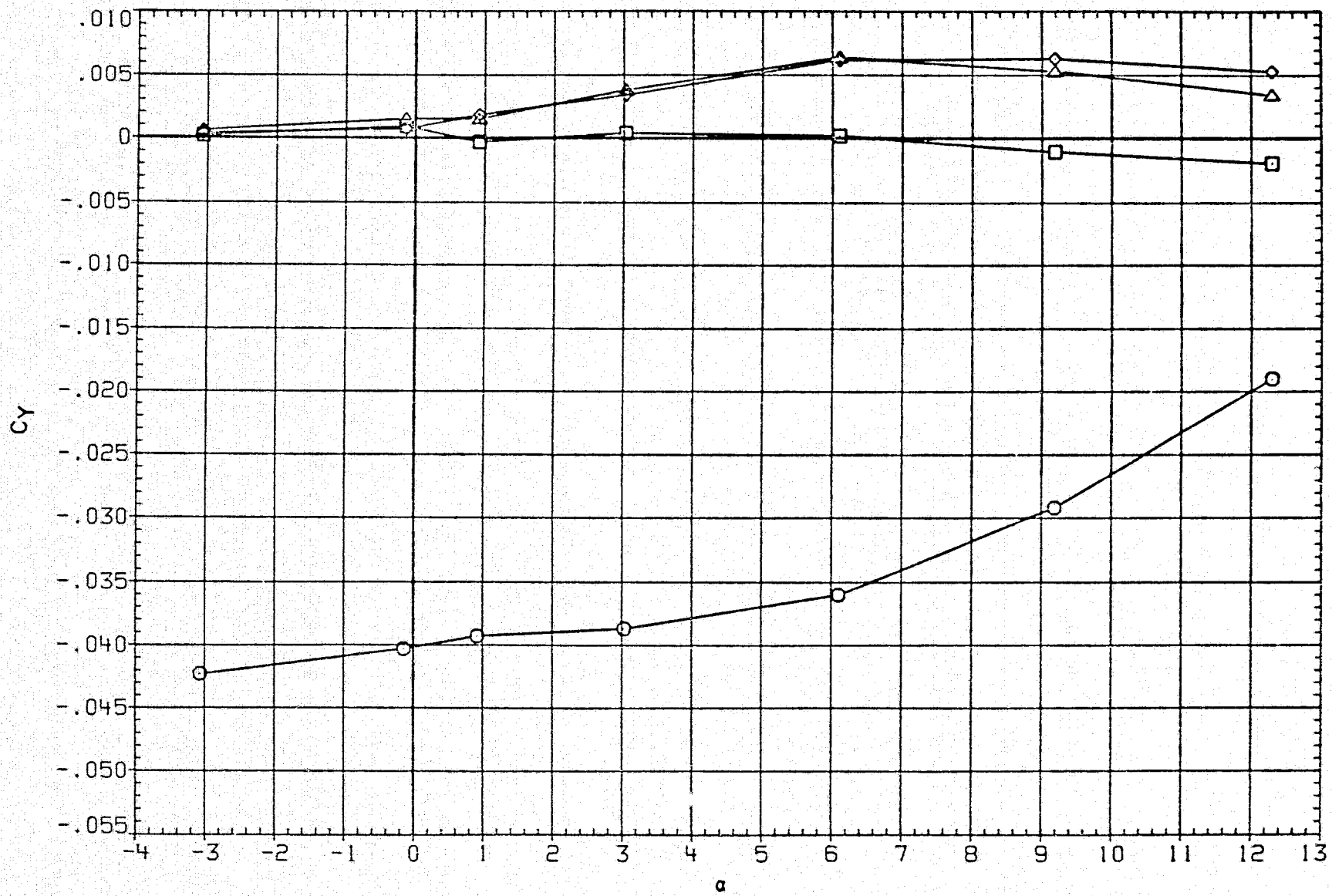



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| ○ | CYM |
| □ | CYMC |
| ◇ | CYMT |
| △ | CYMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.501 | 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 |

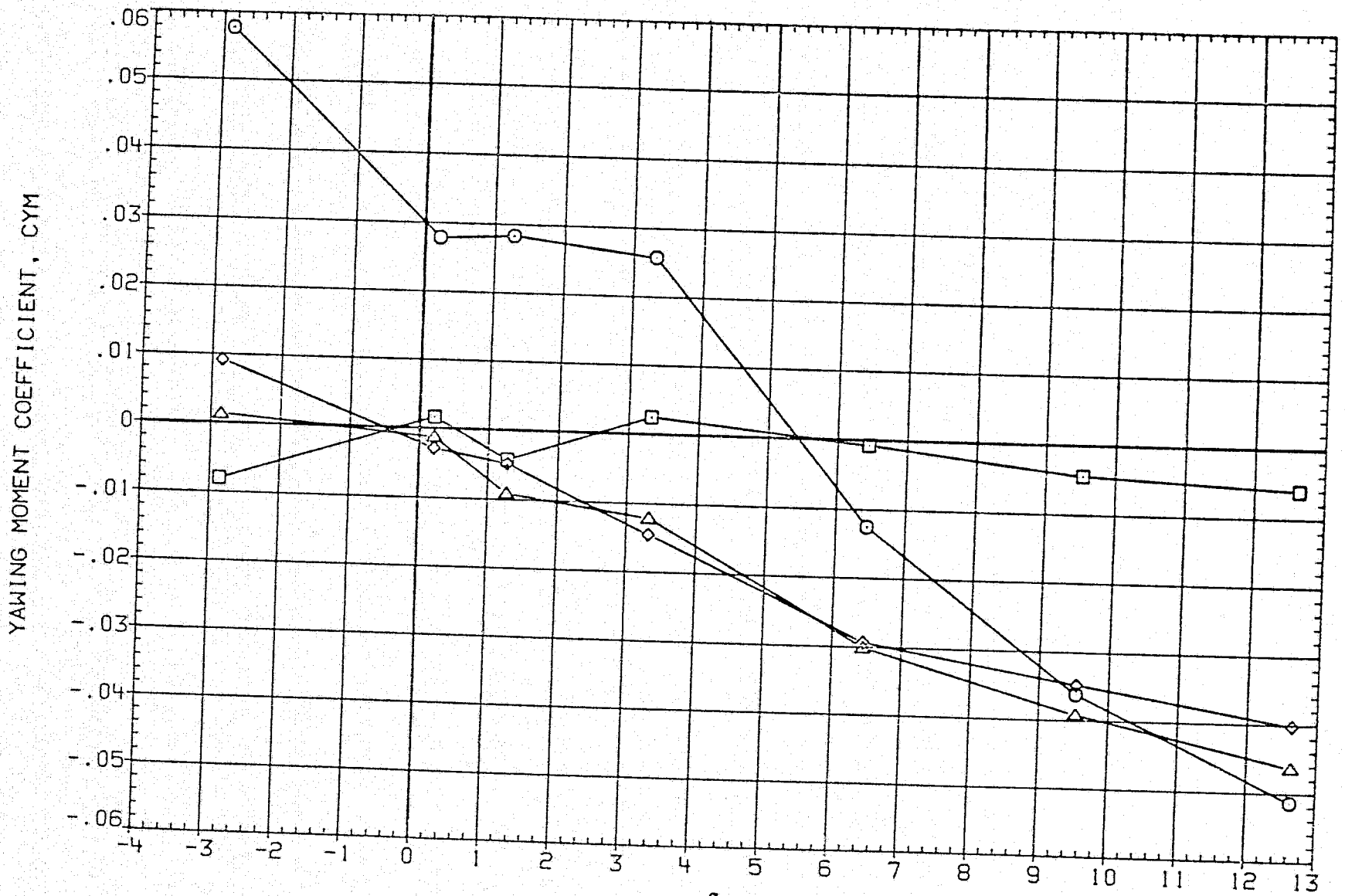



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.995 | 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 |

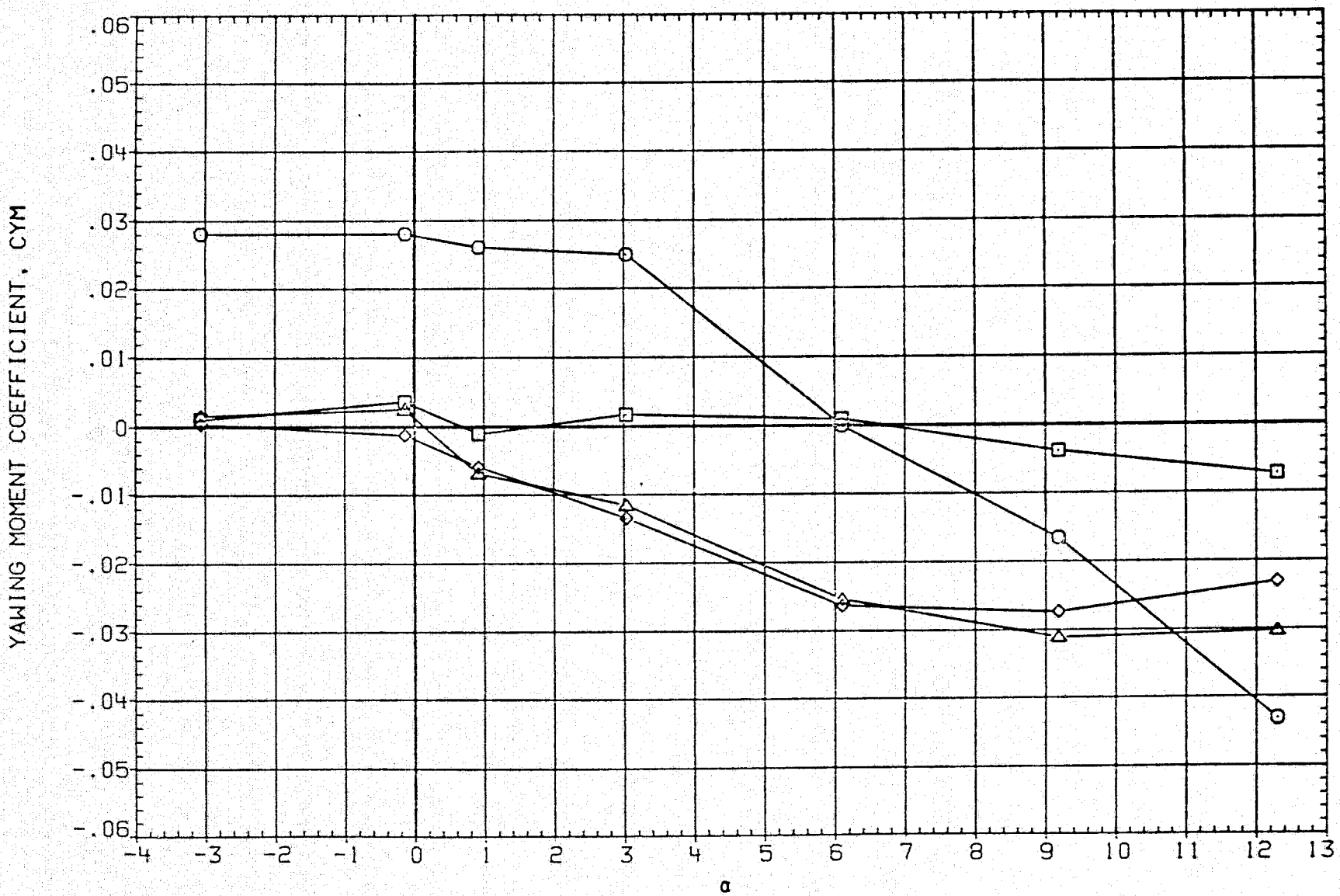



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.501 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | 3.000 | D4 | 3.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | PHI-T | .000 |

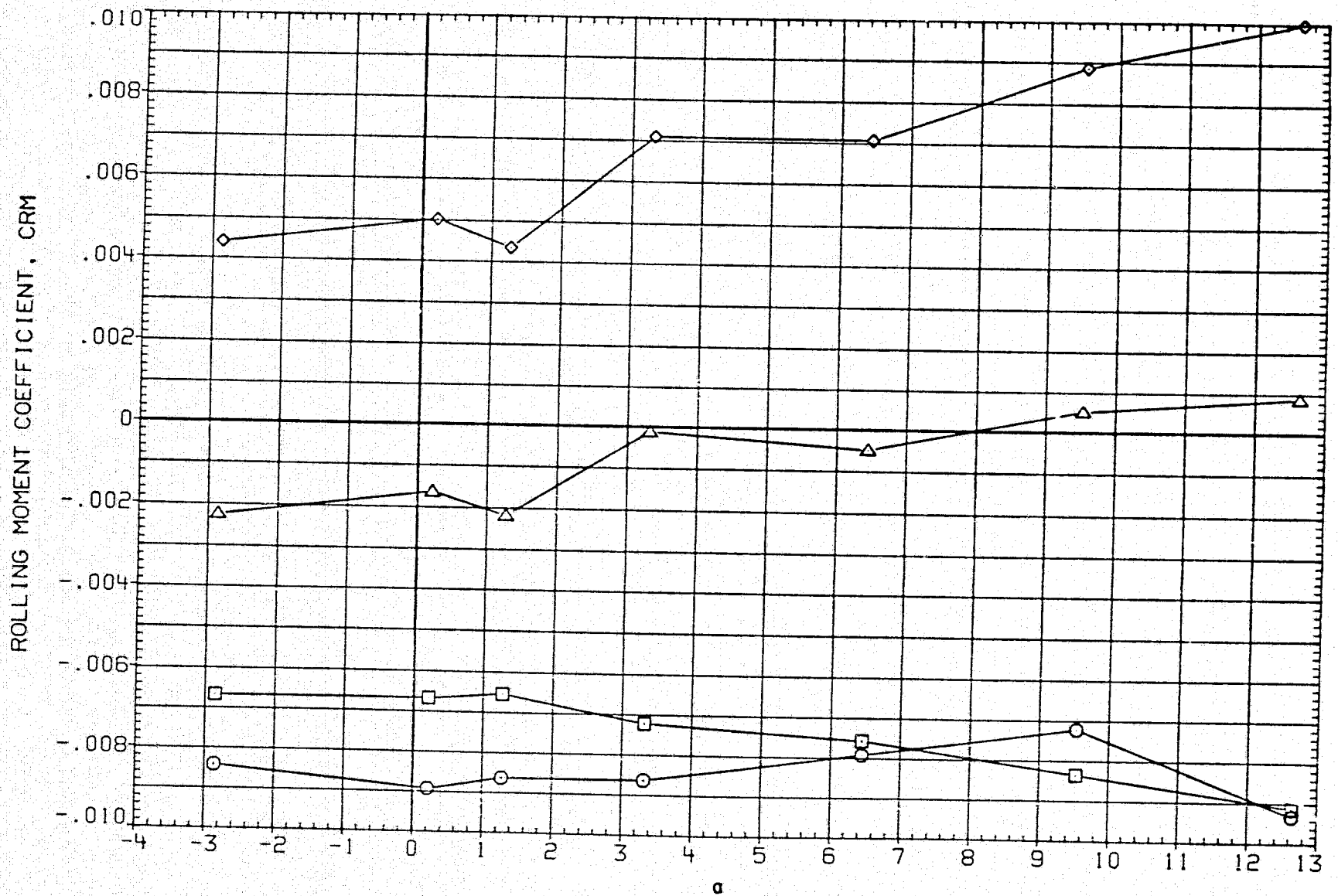



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ284) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.905 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | 3.000 | D4 | 3.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 3.000 |
| | | PHI-C | .000 | PHI-T | .000 |

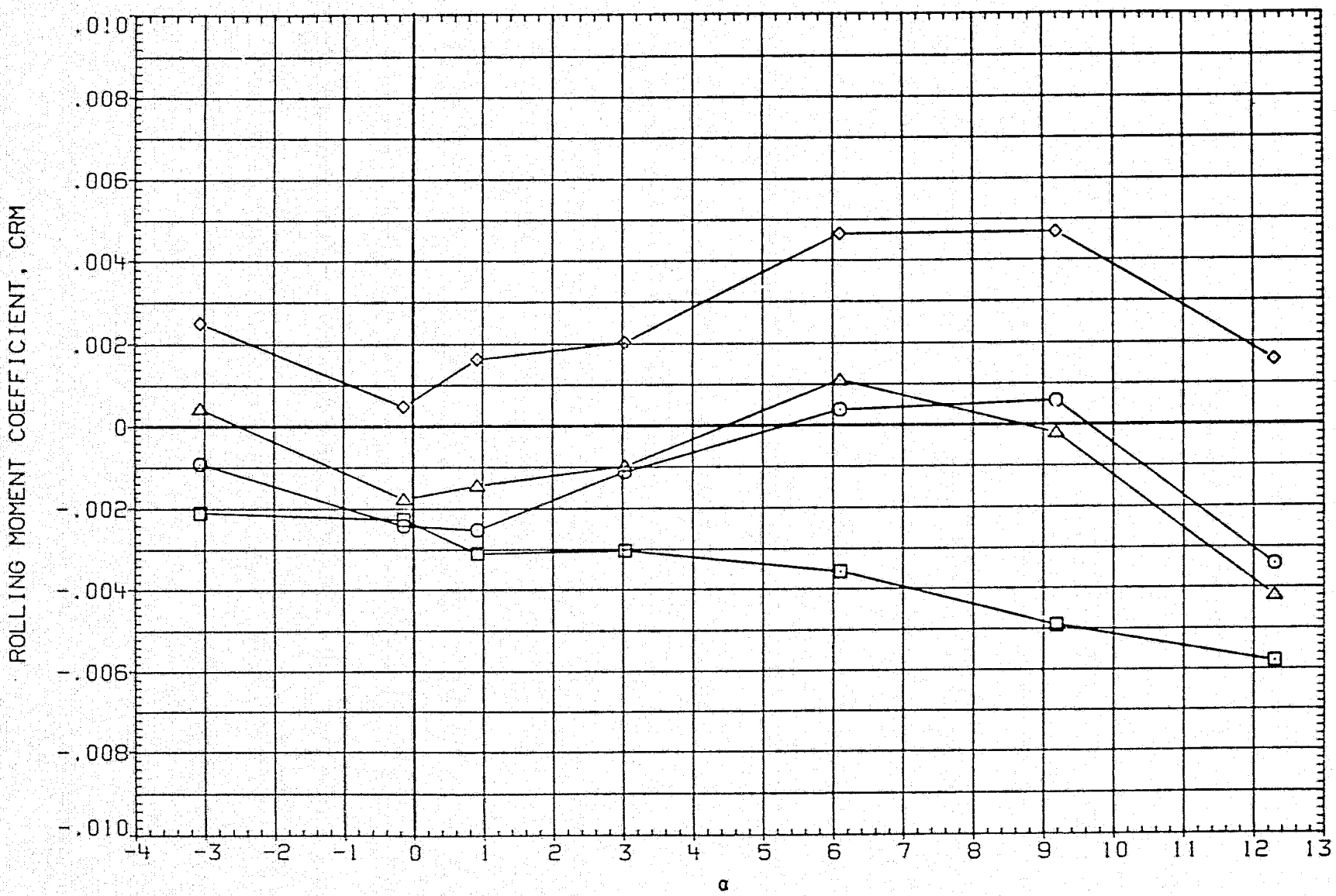



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| ○ | CN |
| □ | CNC |
| ◇ | CNT |
| △ | CNB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.500 | 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 |

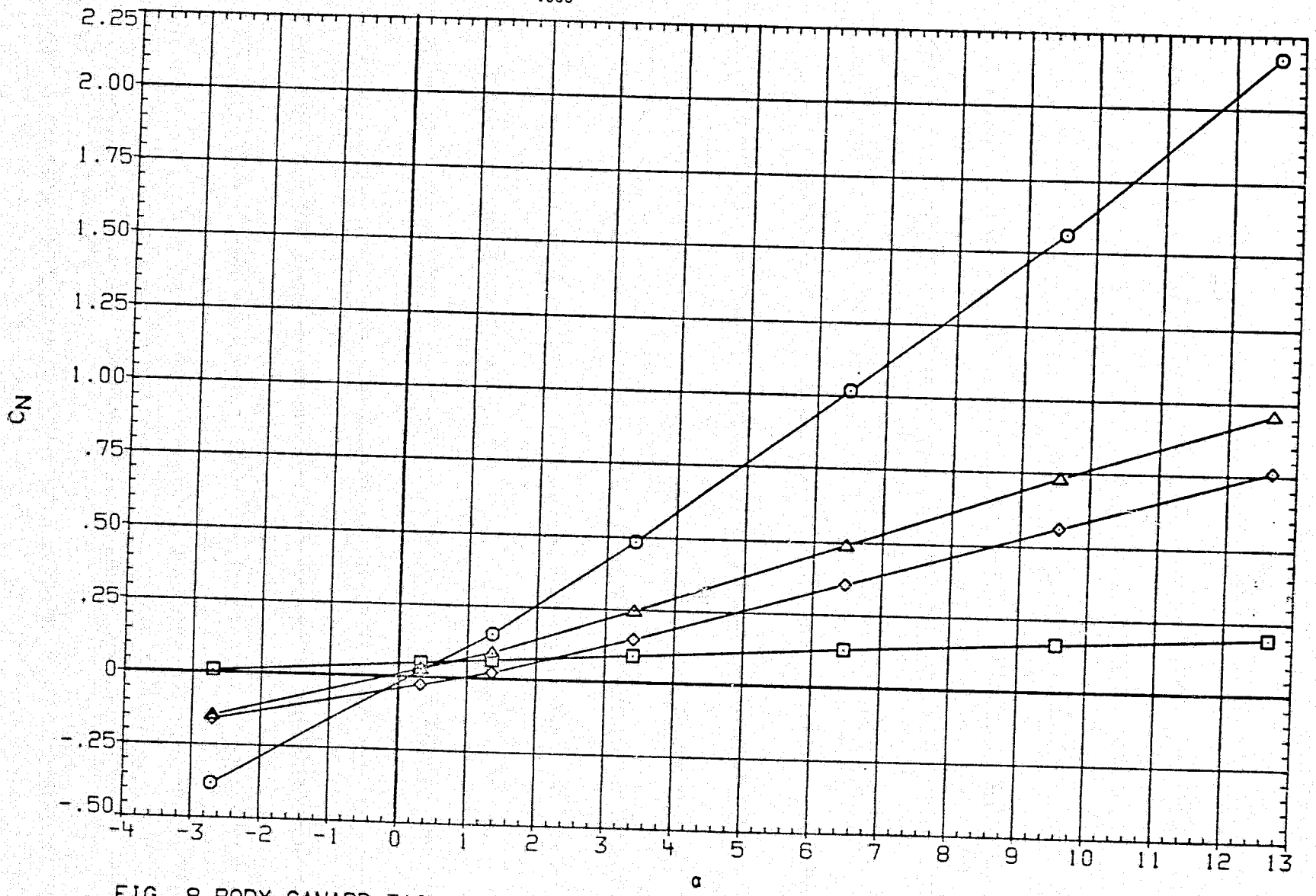



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.995 | 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 |

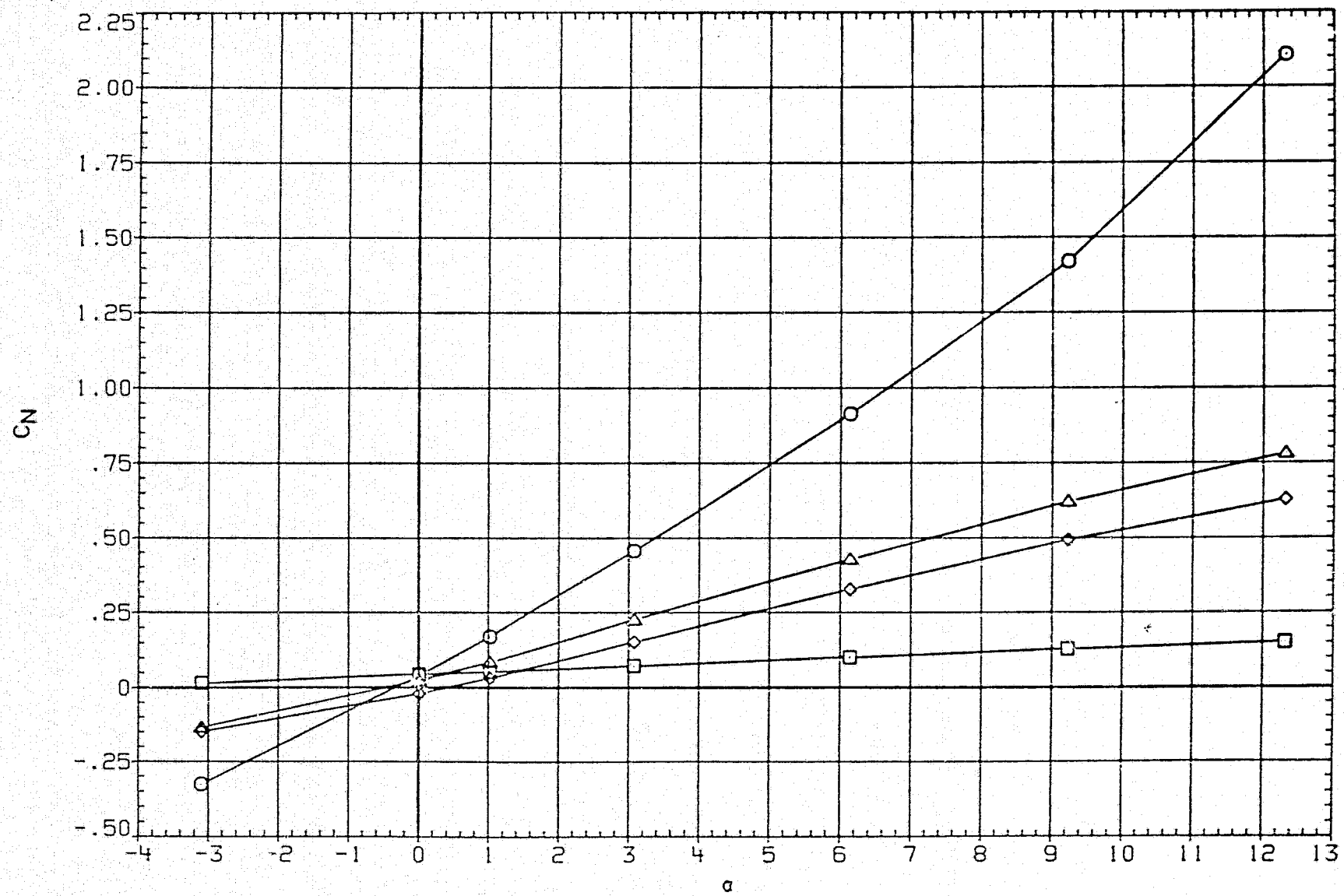



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| ○ | CM |
| □ | CMC |
| ◇ | CMT |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.500 | 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 |

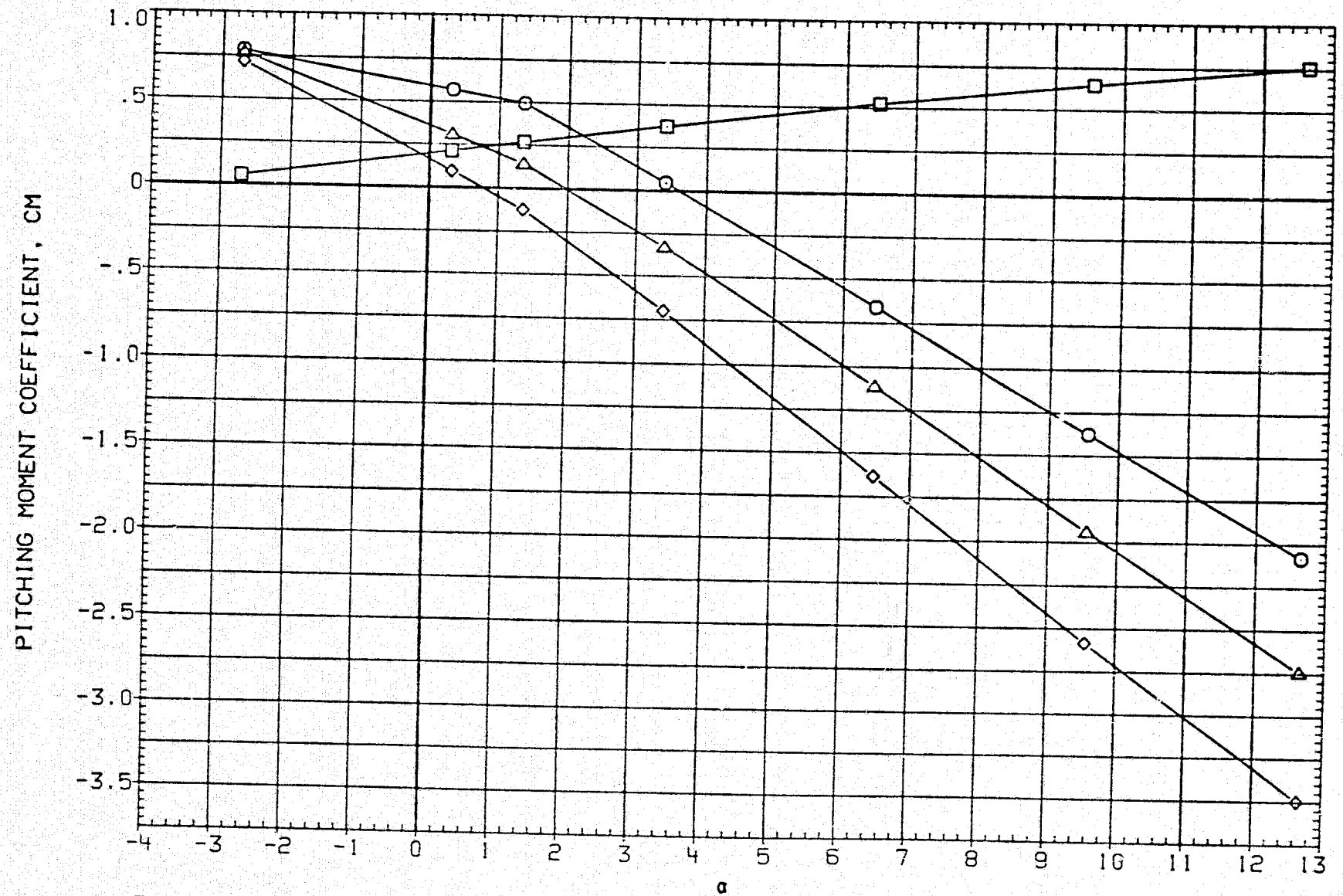



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.995 | BETA | .000 |
| □ | CMC | 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 |

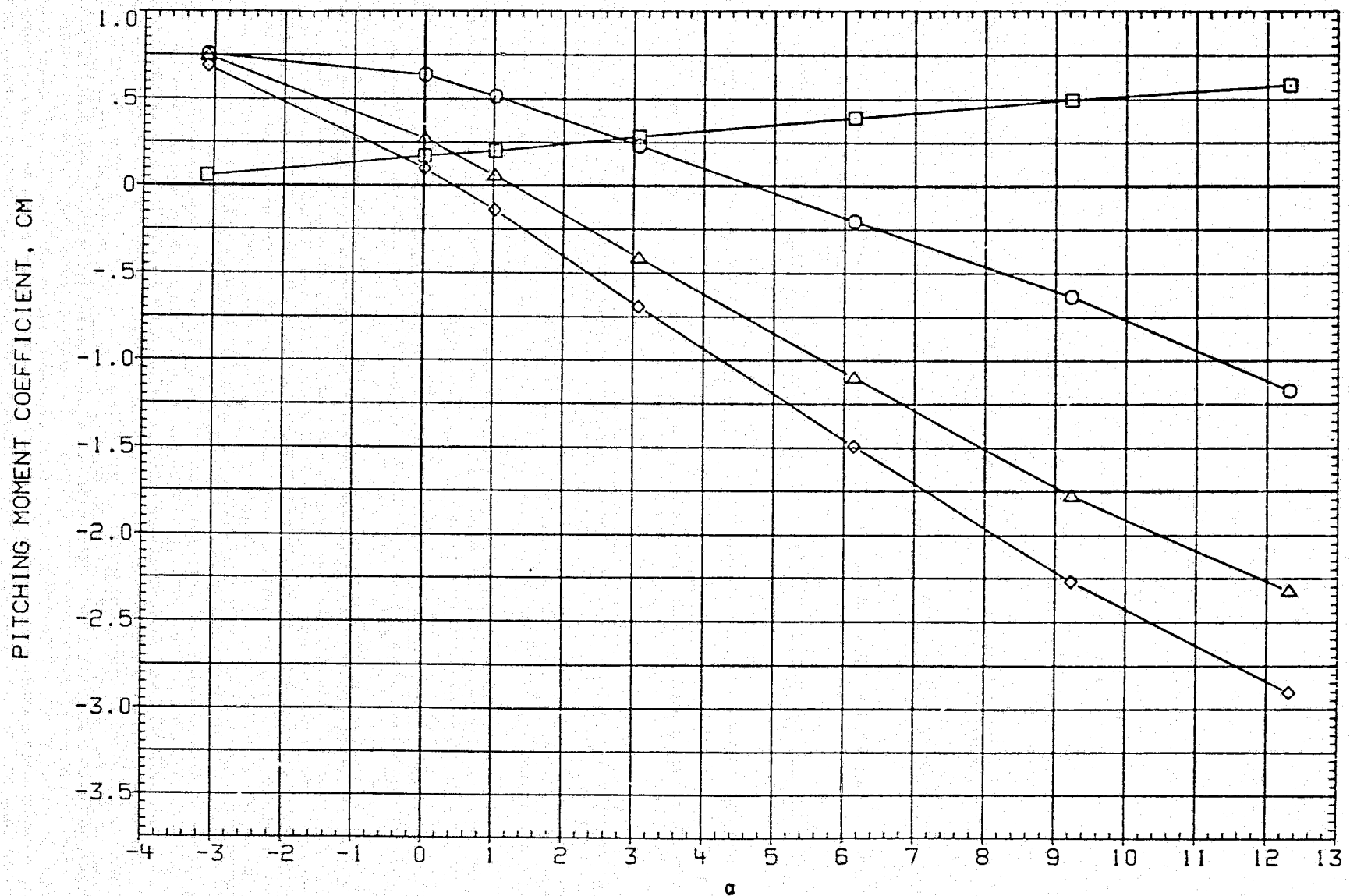



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.500 | 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 |

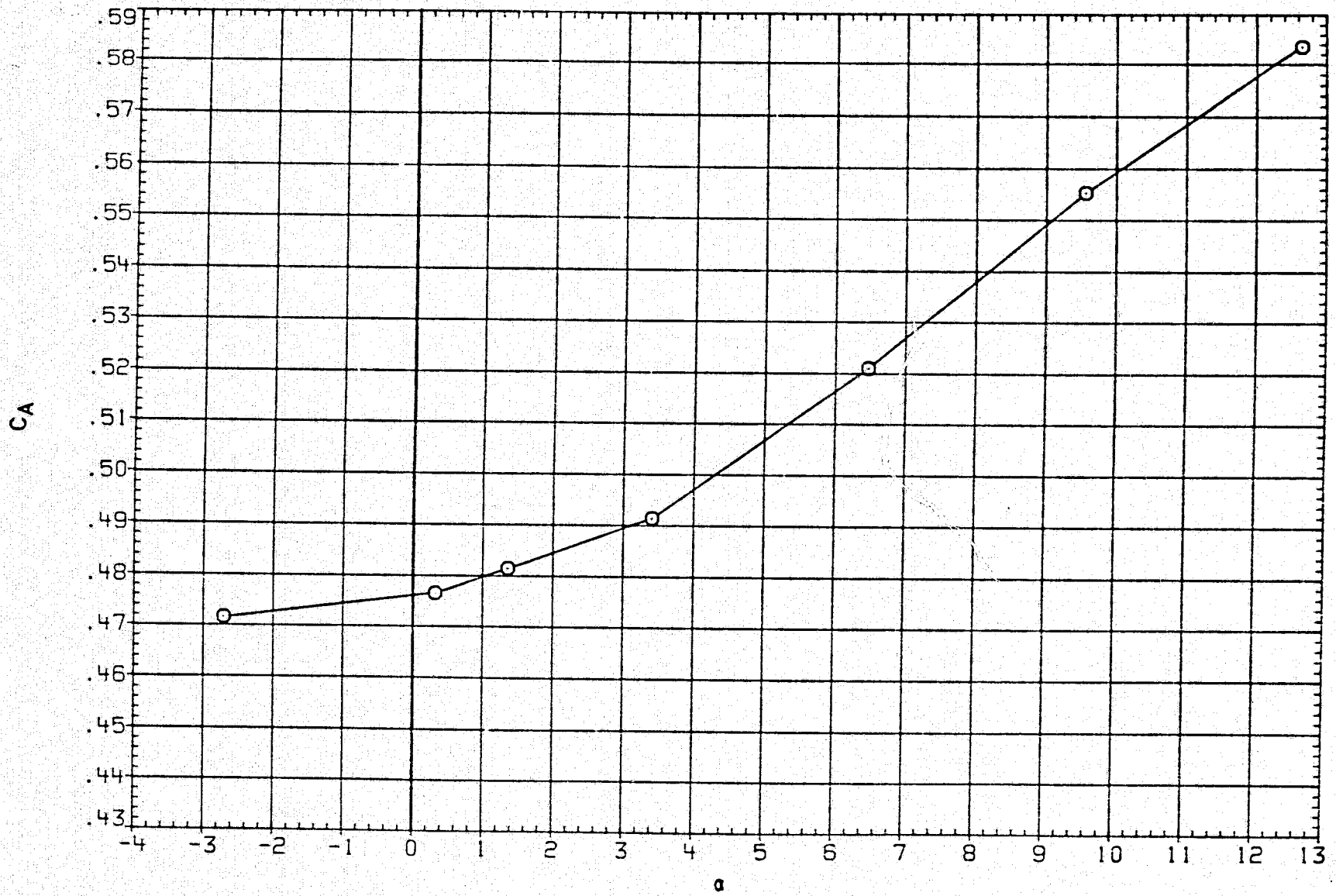



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| O | CA |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.995 | 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 |

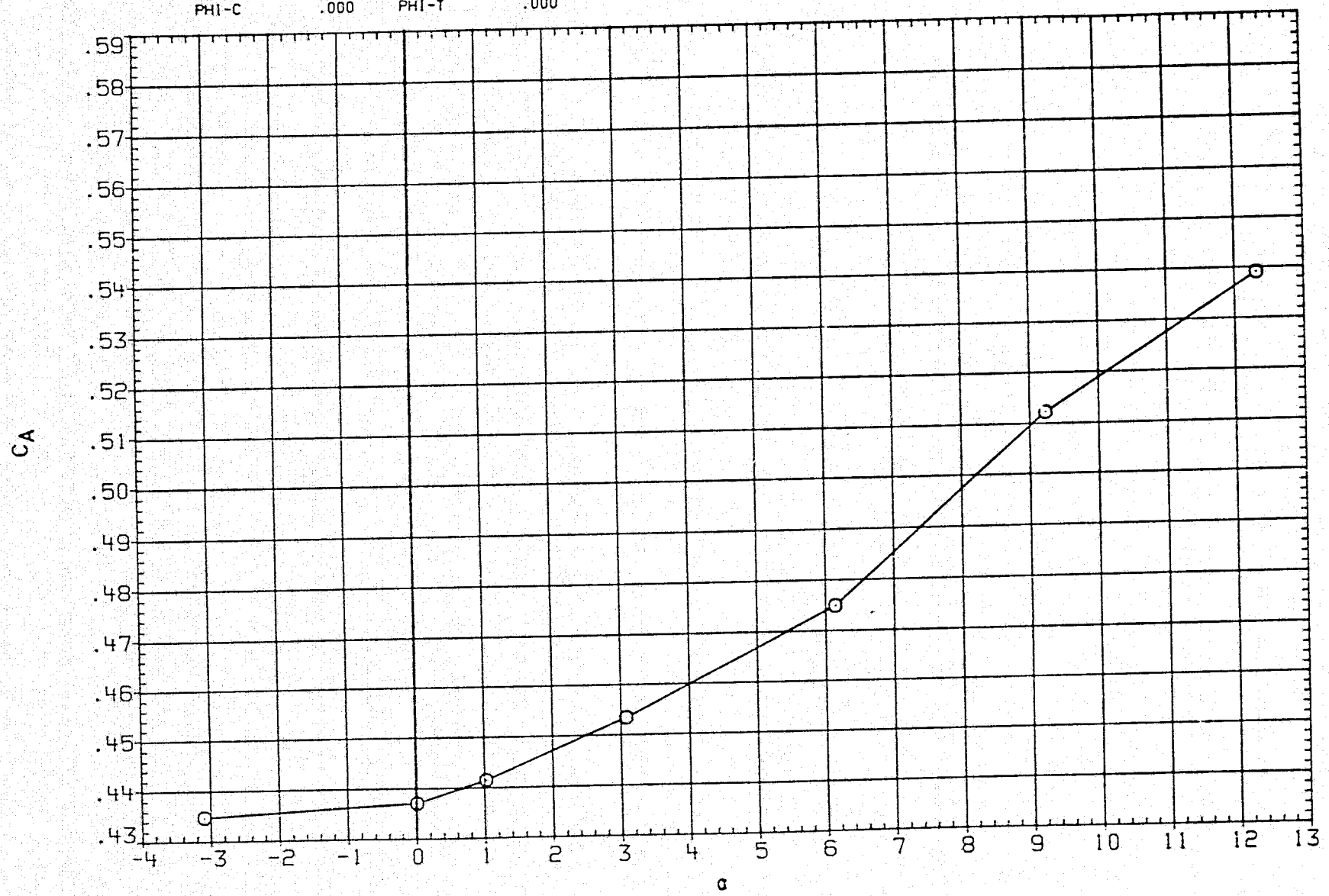



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

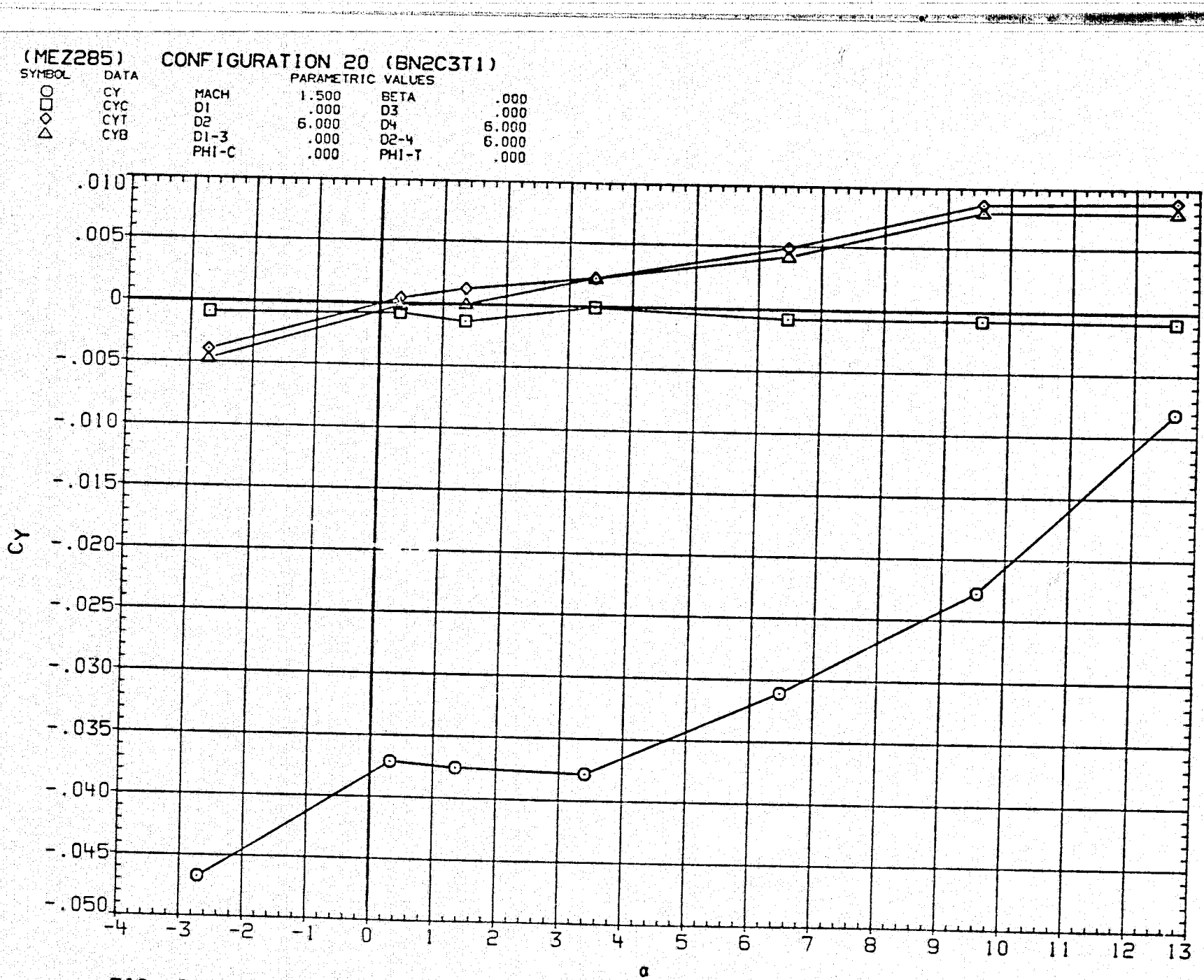



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ285) CONFIGURATION 20 (BN2C3TI)

| 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 |

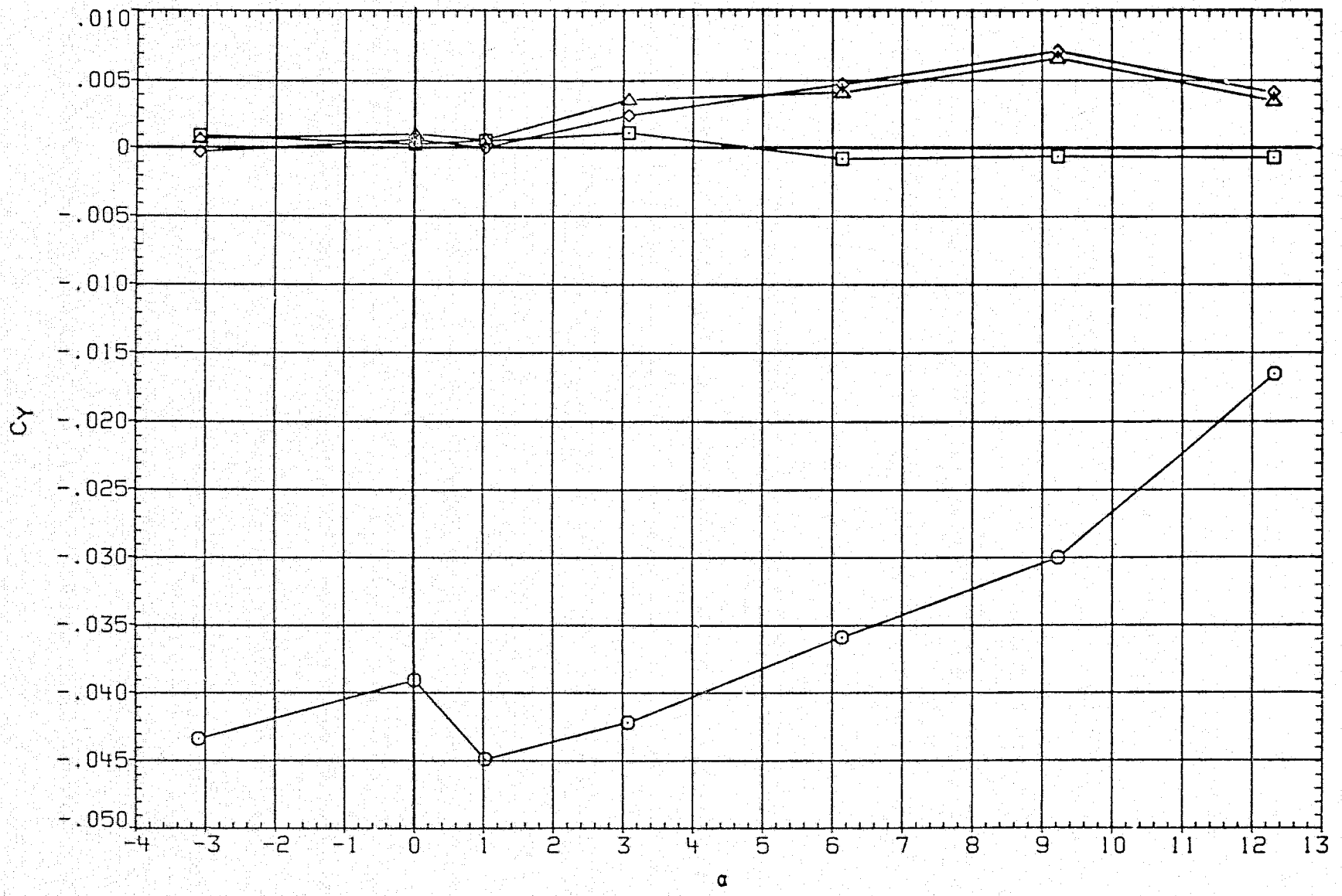



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | | PARAMETRIC VALUES | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.500 | 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 |

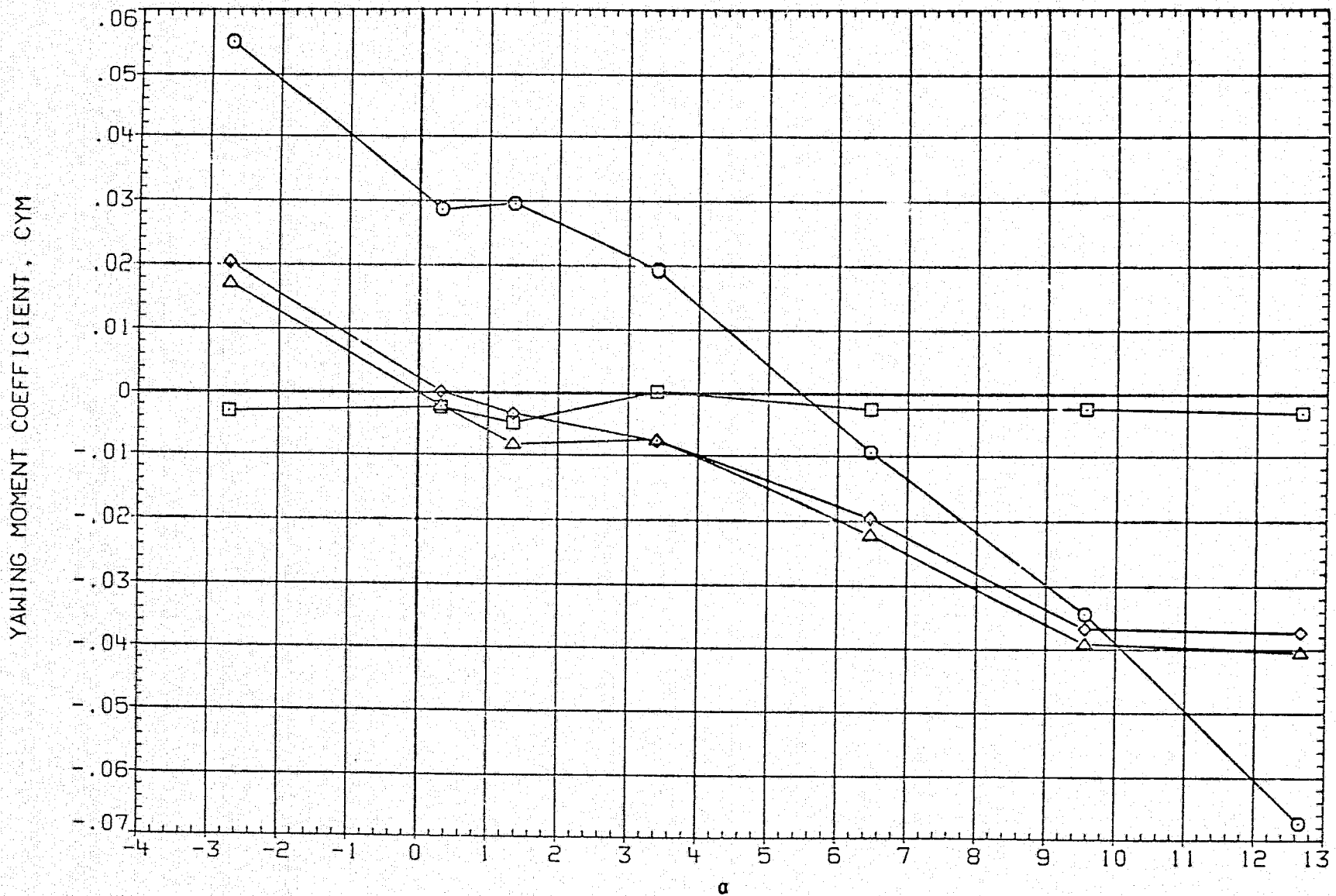



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.995 | 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 |

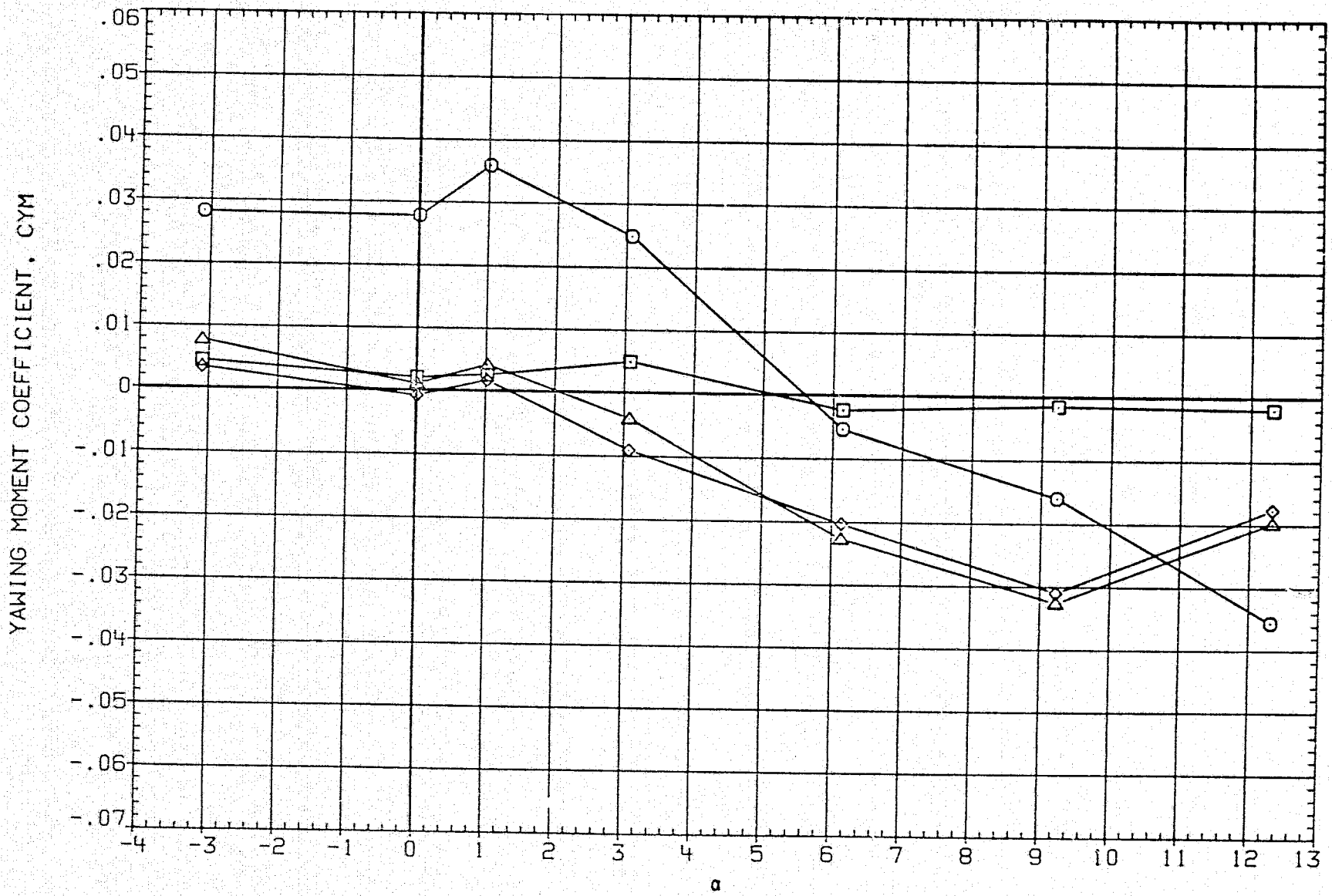



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

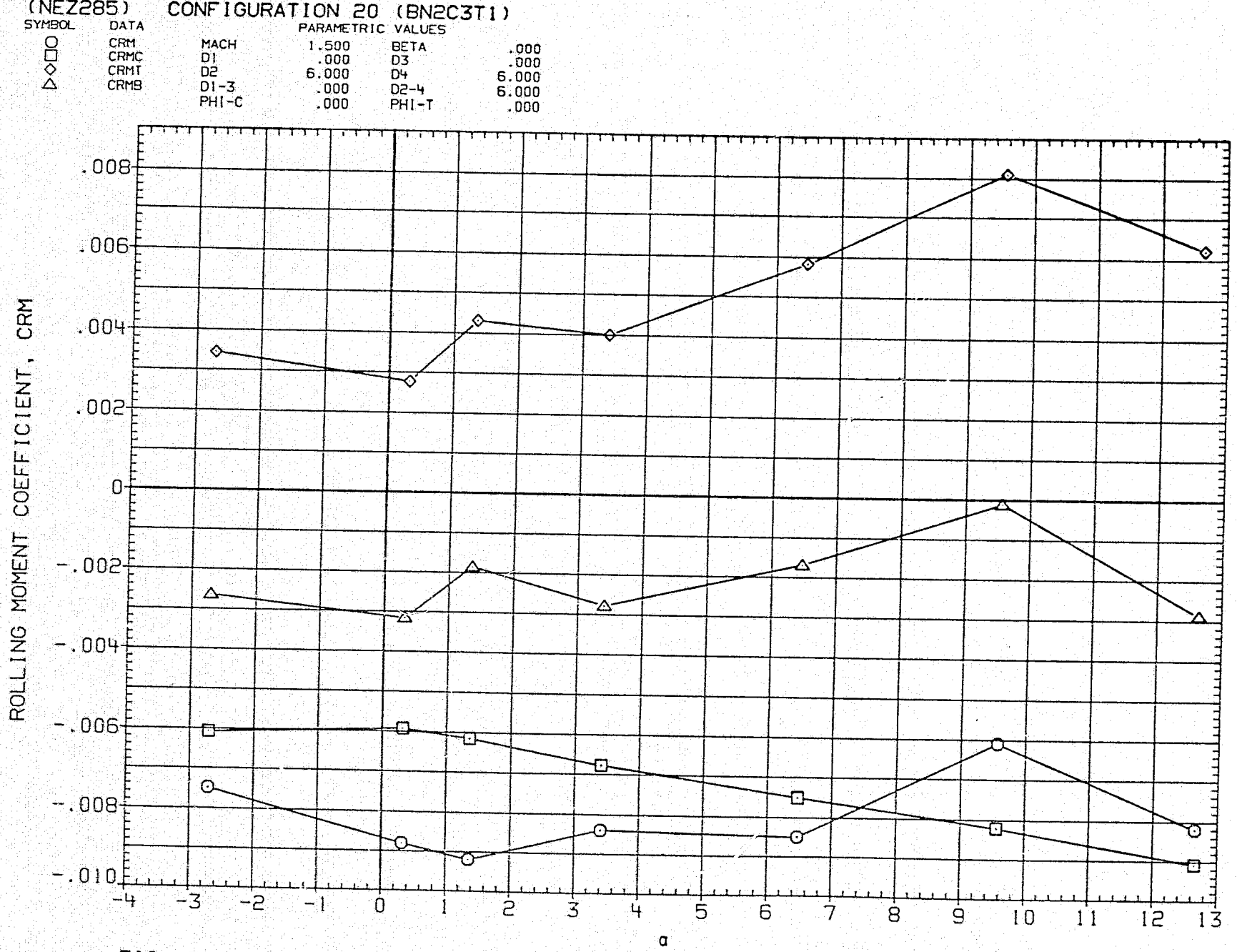



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ285) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.995 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | 6.000 | D4 | 6.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 6.000 |
| | | PHI-C | .000 | PHI-T | .000 |

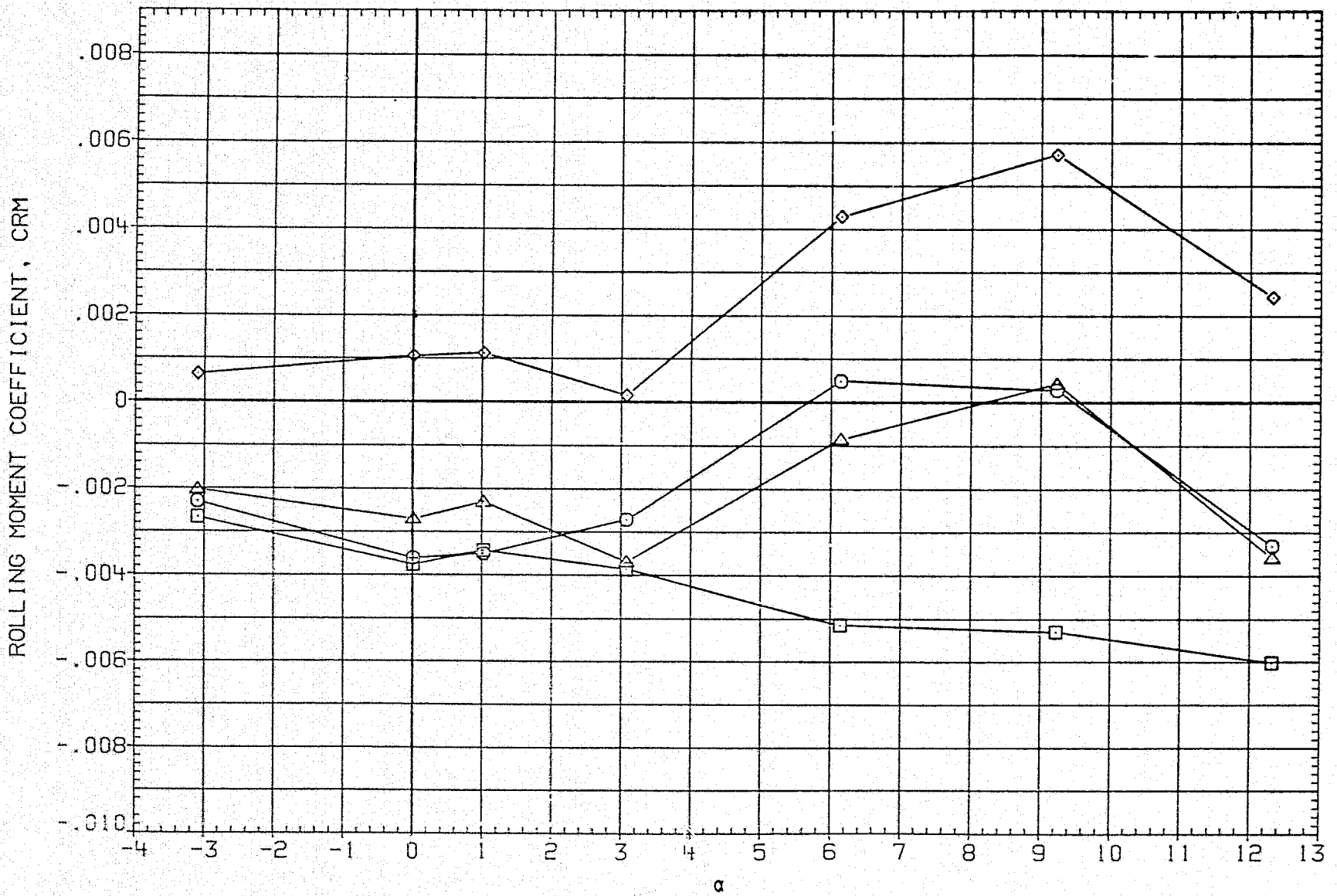



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

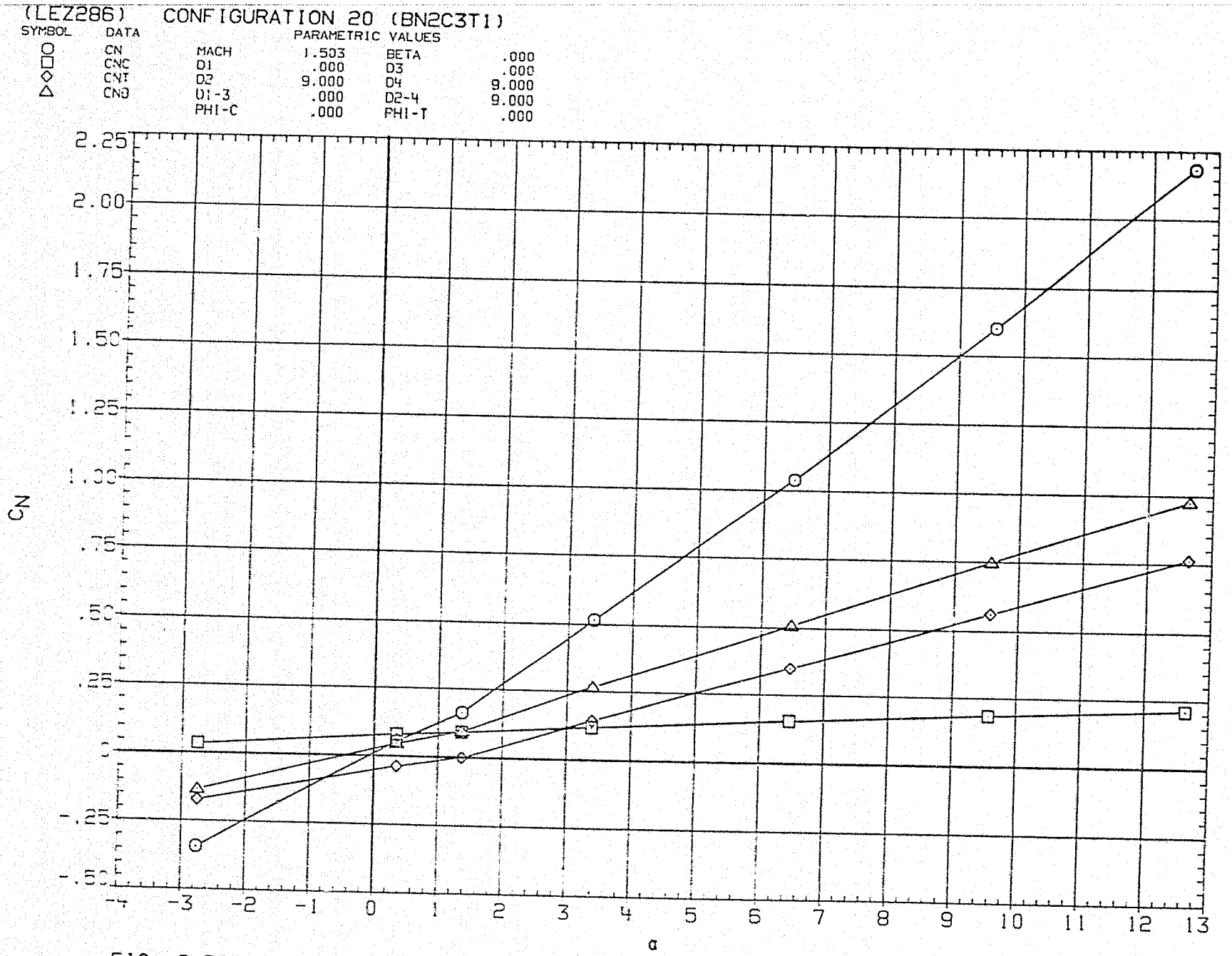



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ286) CONFIGURATION 20 (BN2C3T1)

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

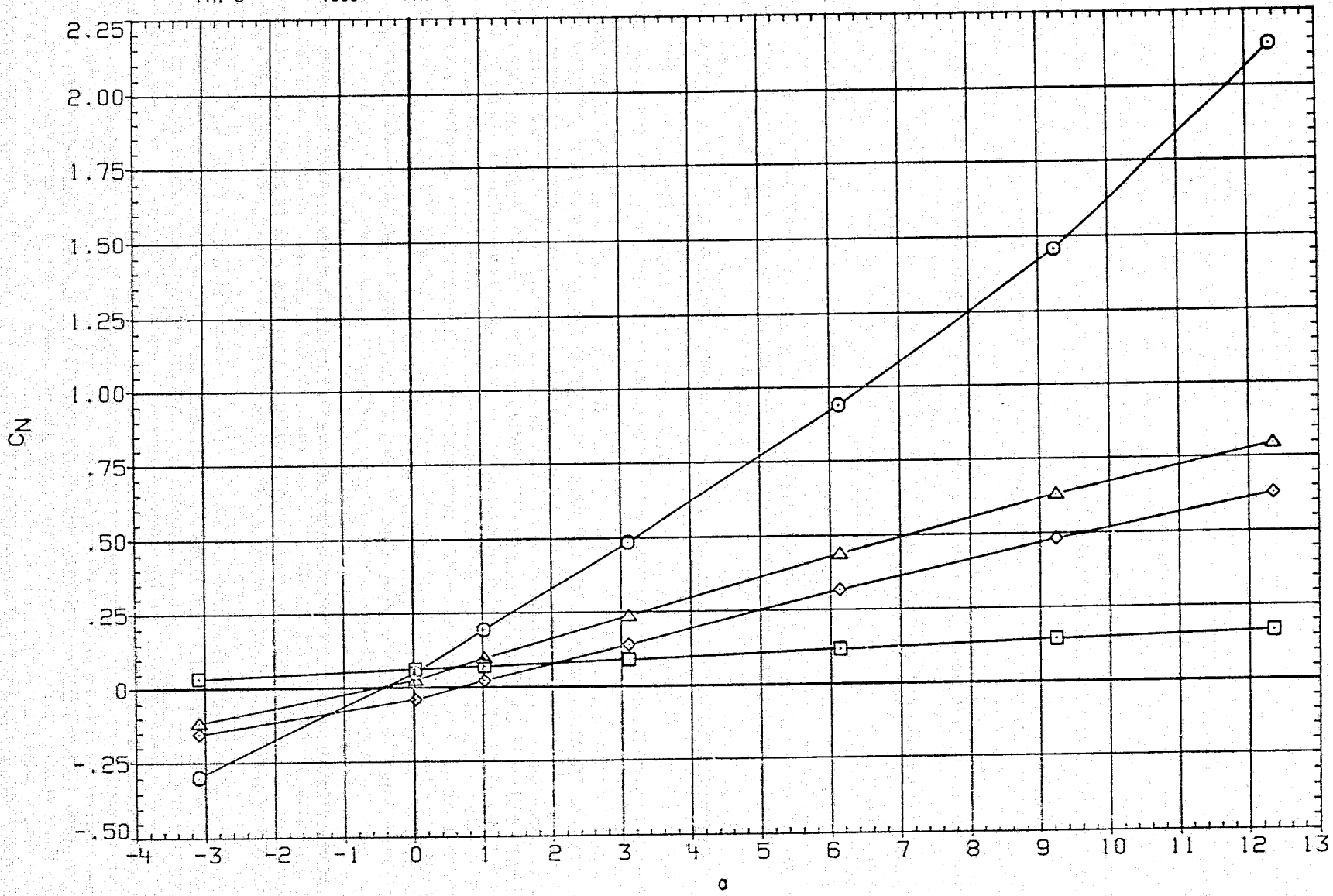



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ286) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.503 | BETA | .000 |
| □ | CMC | D1 | .000 | D3 | .000 |
| ◇ | CMT | D2 | 9.000 | D4 | 9.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

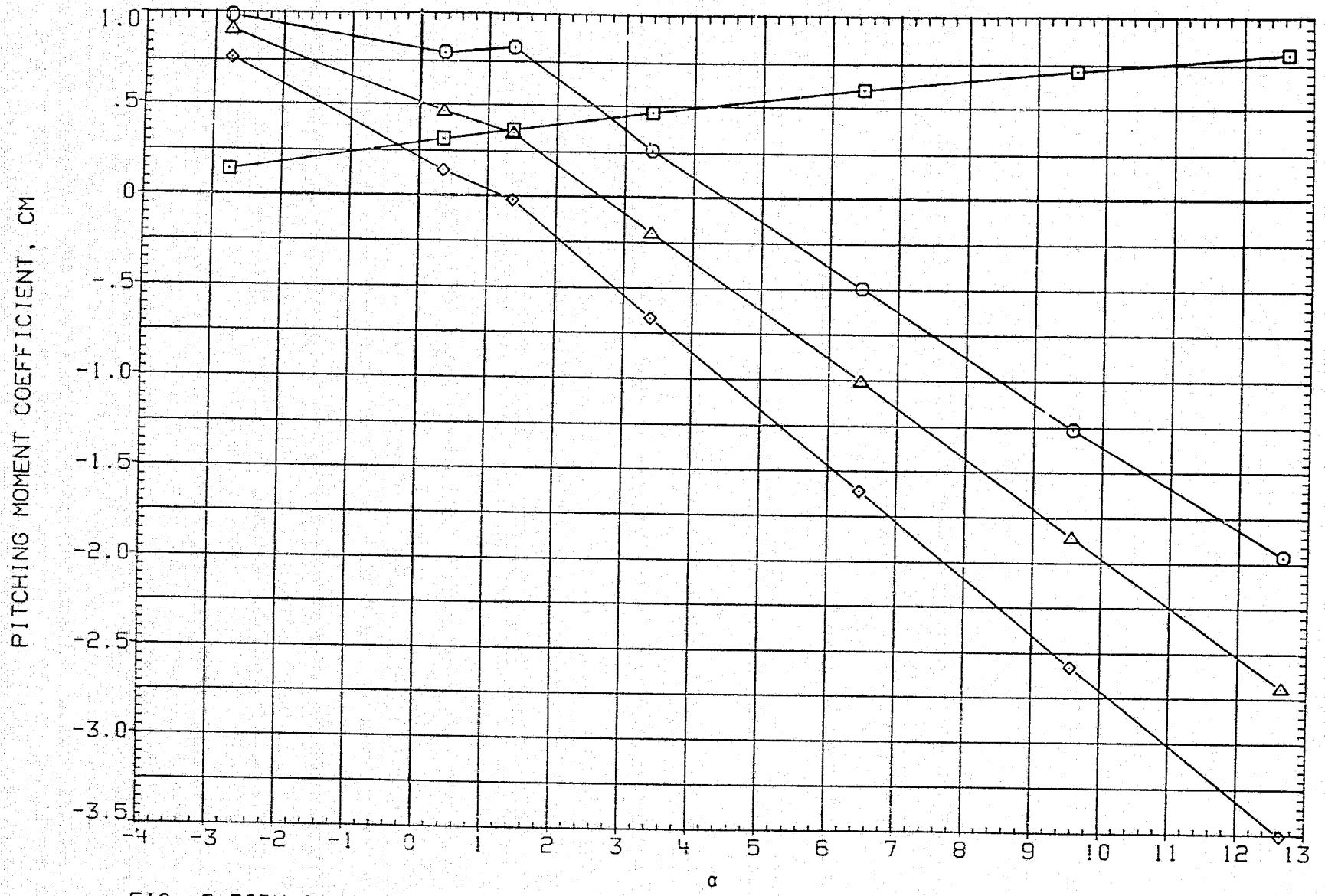



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ286) CONFIGURATION 20 (BN2C3T1)

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

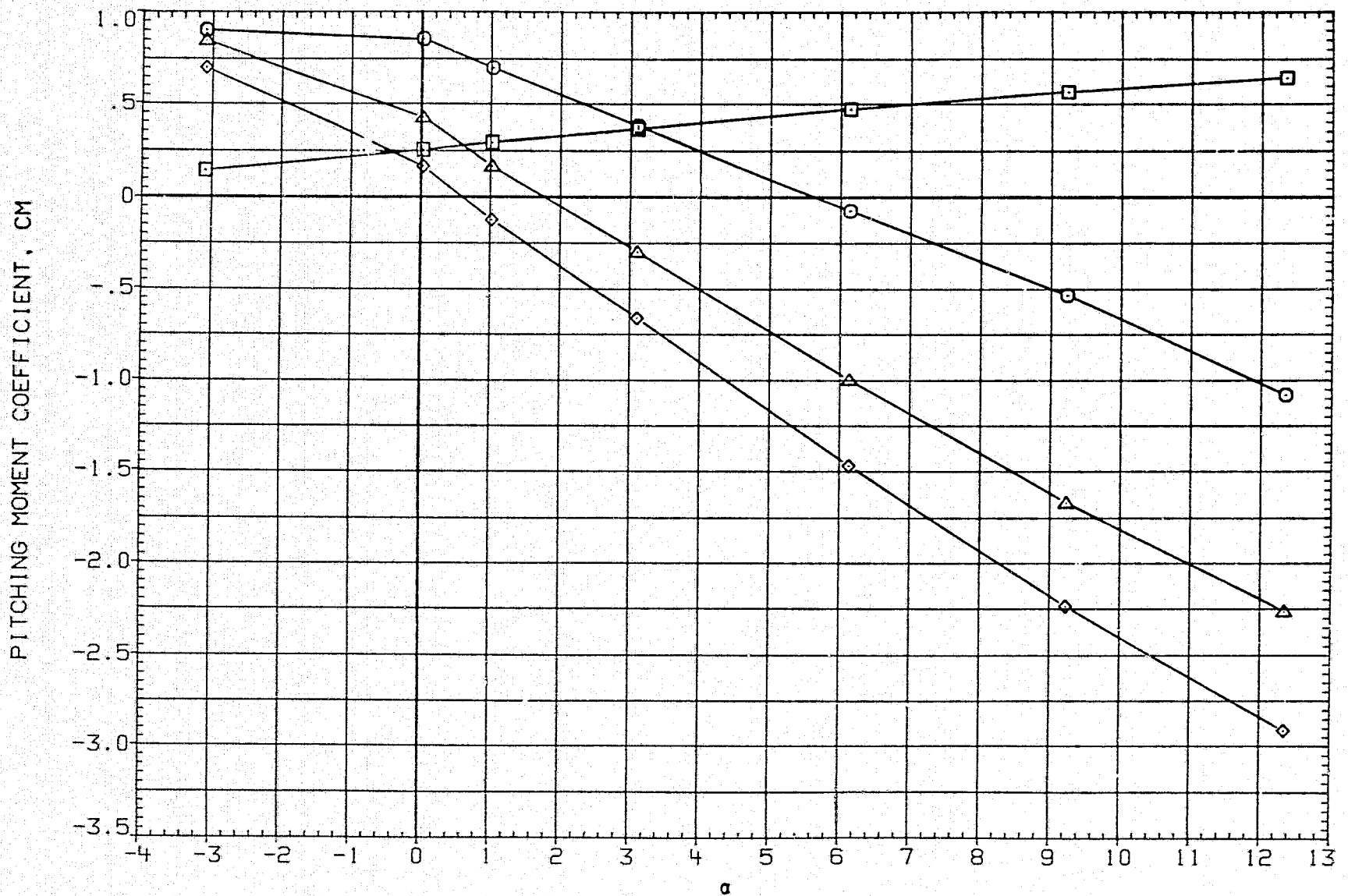



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ286) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.503 | 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 |

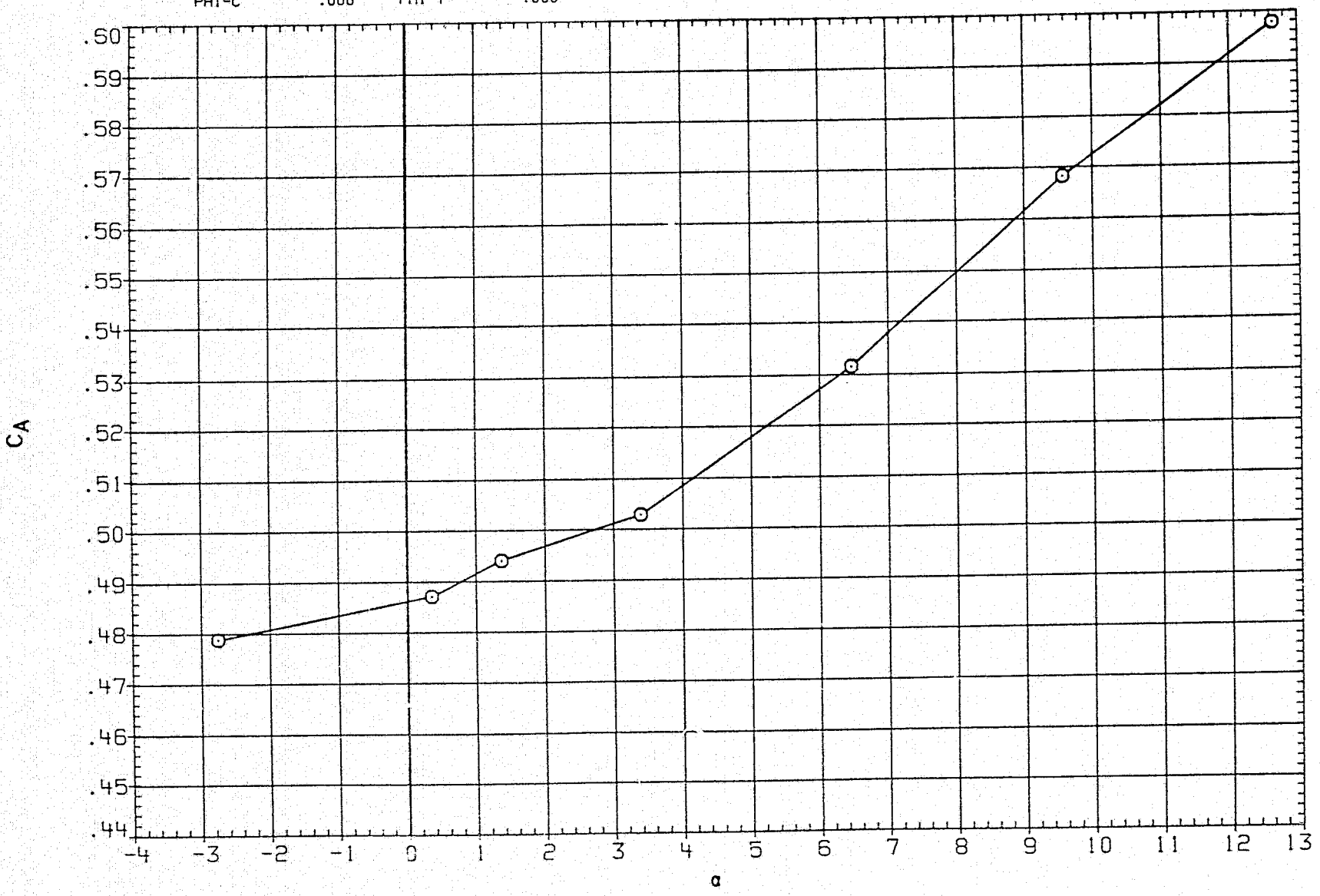



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ286) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.995 | 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 |

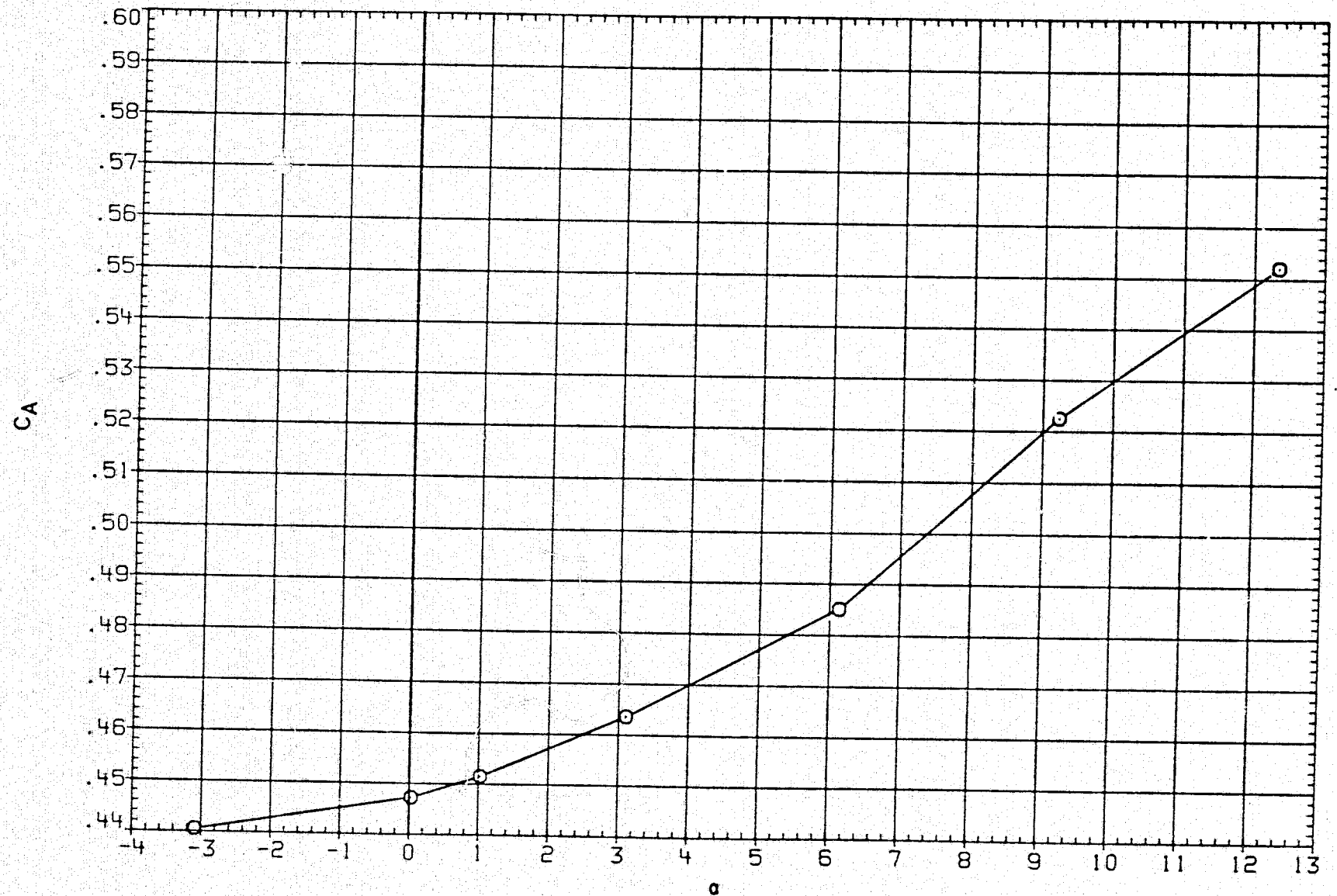



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ286) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.503 | BETA | .000 |
| □ | CYC | D1 | .000 | D3 | .000 |
| ◇ | CYT | D2 | 9.000 | D4 | 9.000 |
| △ | CYB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

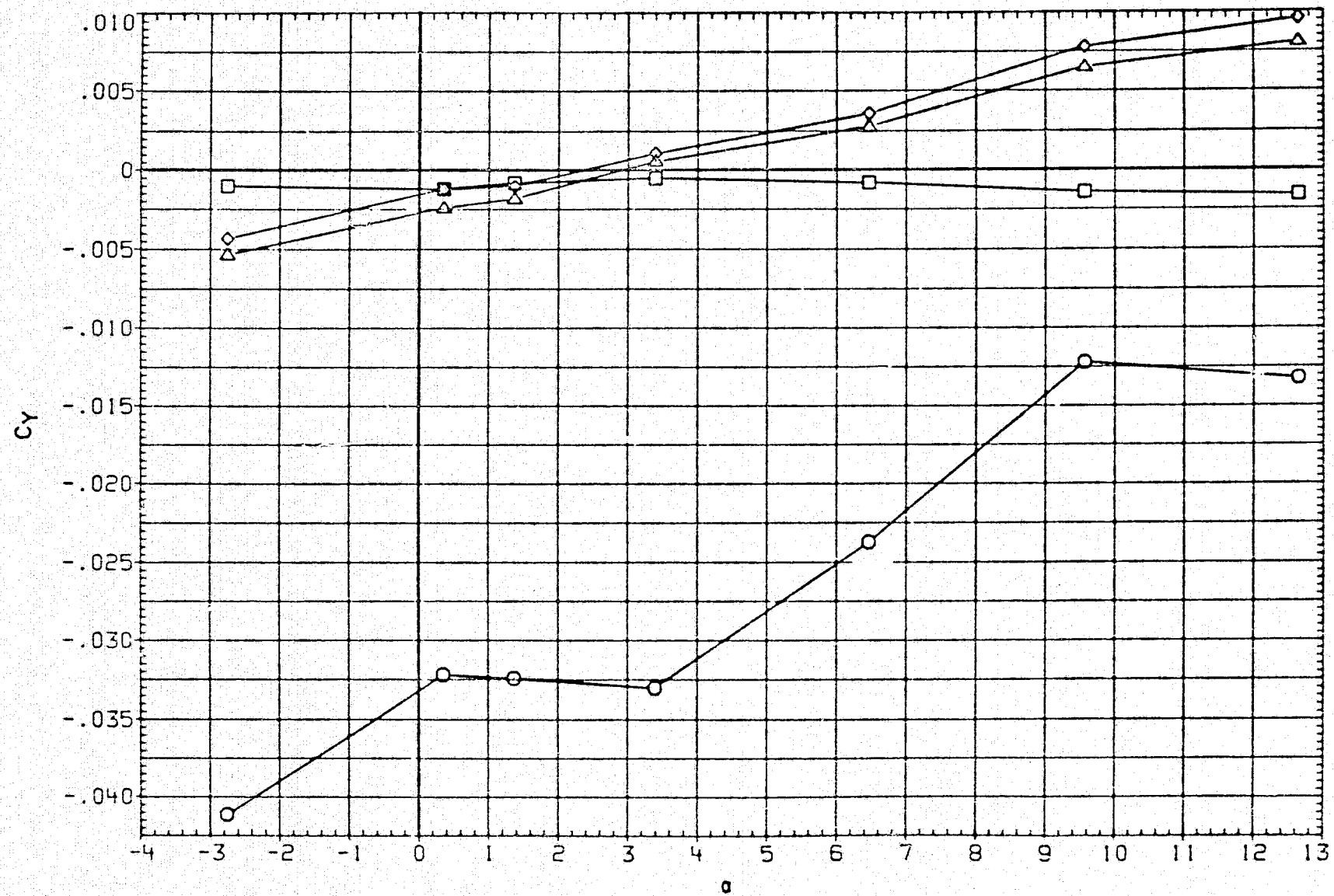



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ286) CONFIGURATION 20 (BN2C3T1)

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

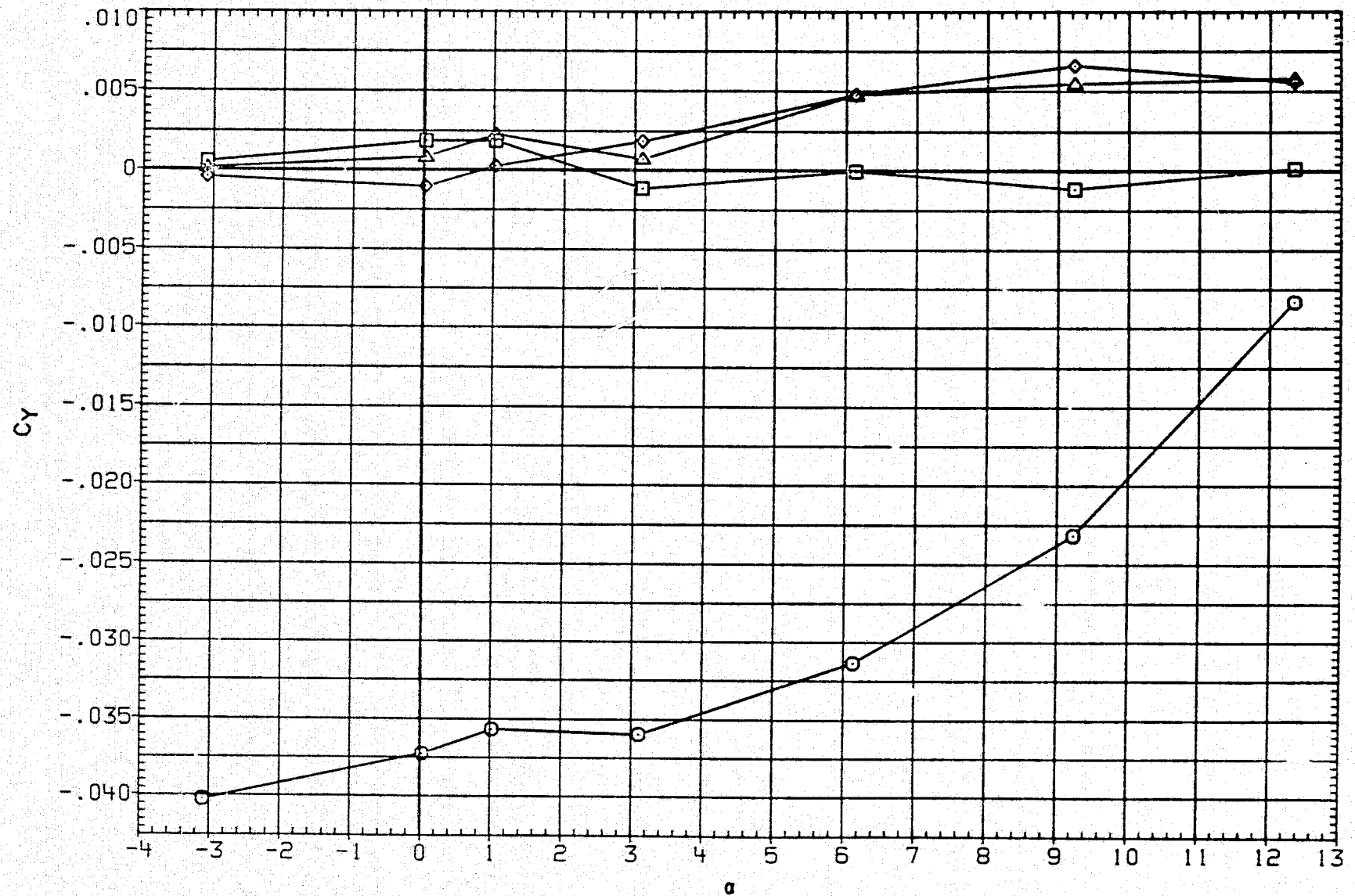



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ286) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.503 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | 9.000 | D4 | 9.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 9.000 |
| | | PHI-C | .000 | PHI-T | .000 |

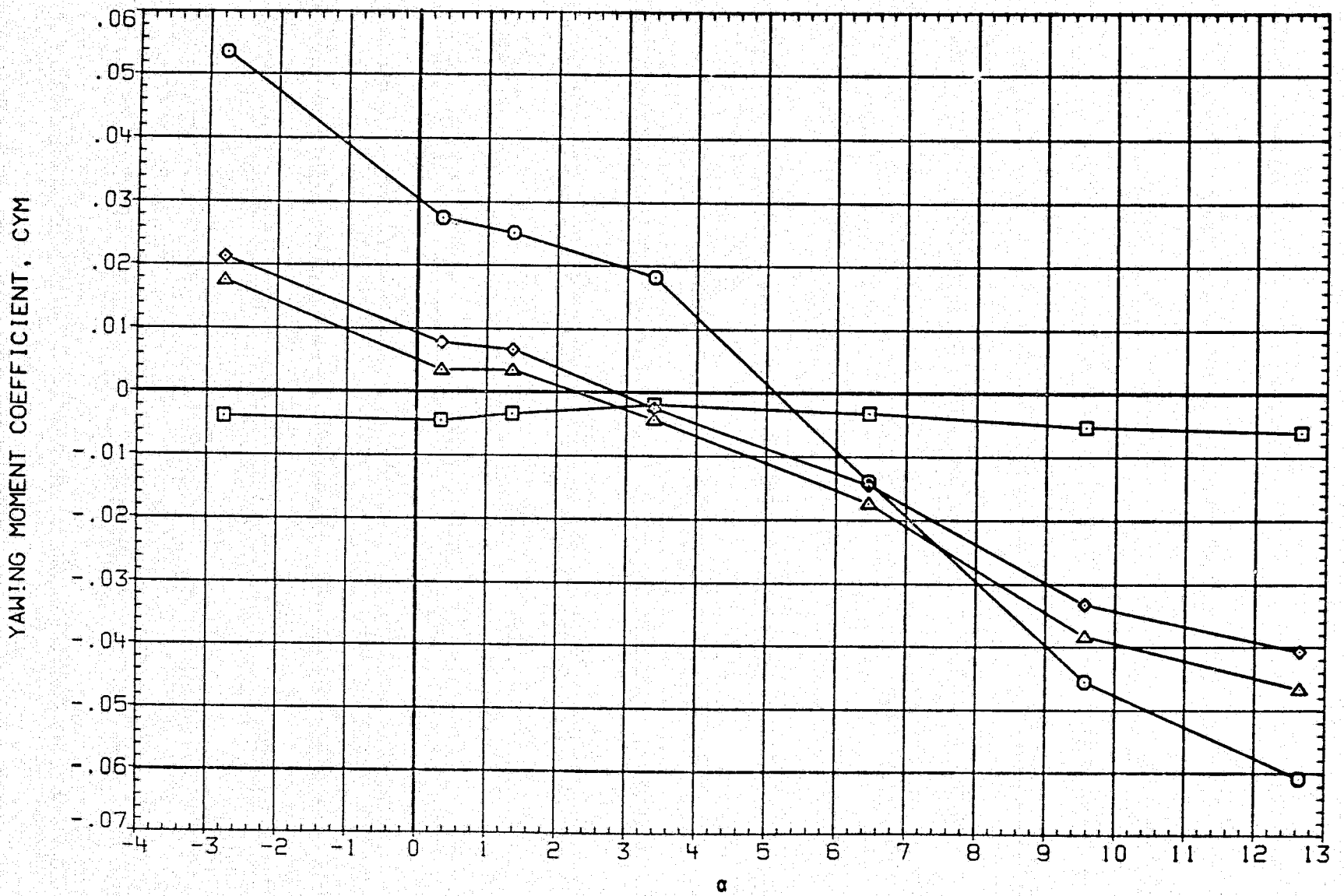



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ286) CONFIGURATION 20 (BN2C3TI)

| SYMBOL | DATA |
|---|---|
| ○ | CYM |
| □ | CYMC |
| ◇ | CYMT |
| △ | CYMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.995 | 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 |

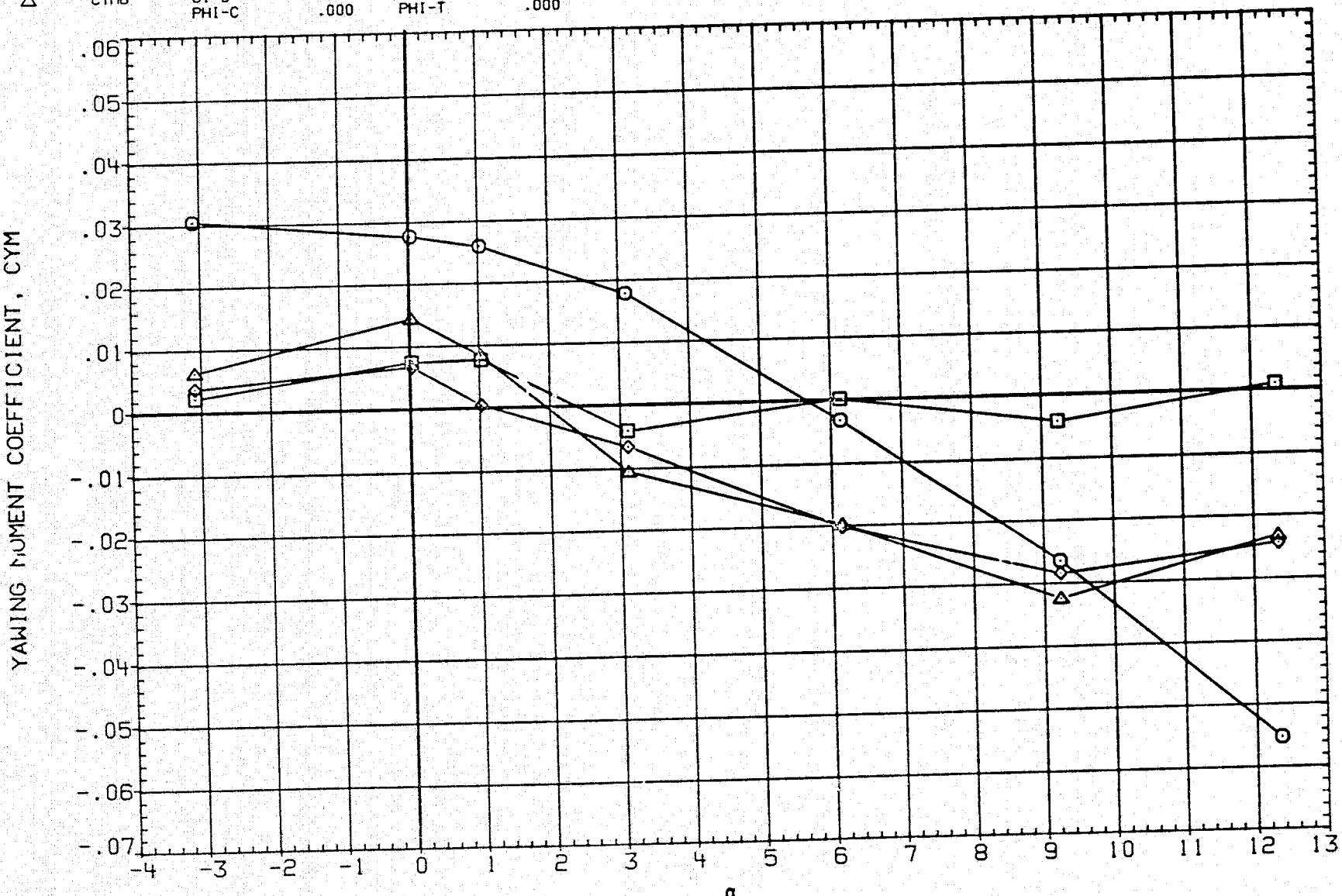



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ286) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.503 | 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 |

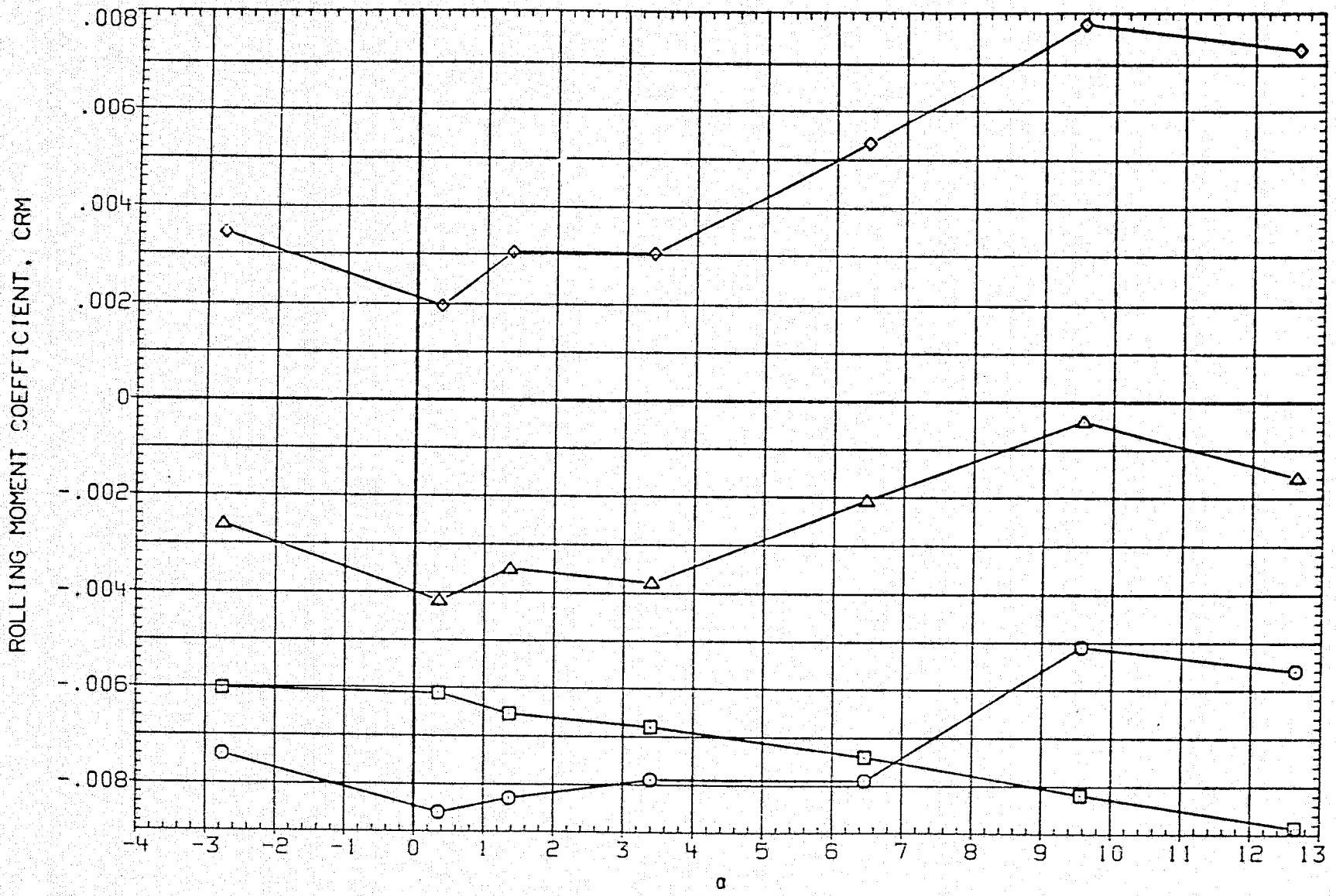



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ286) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.995 | 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 |

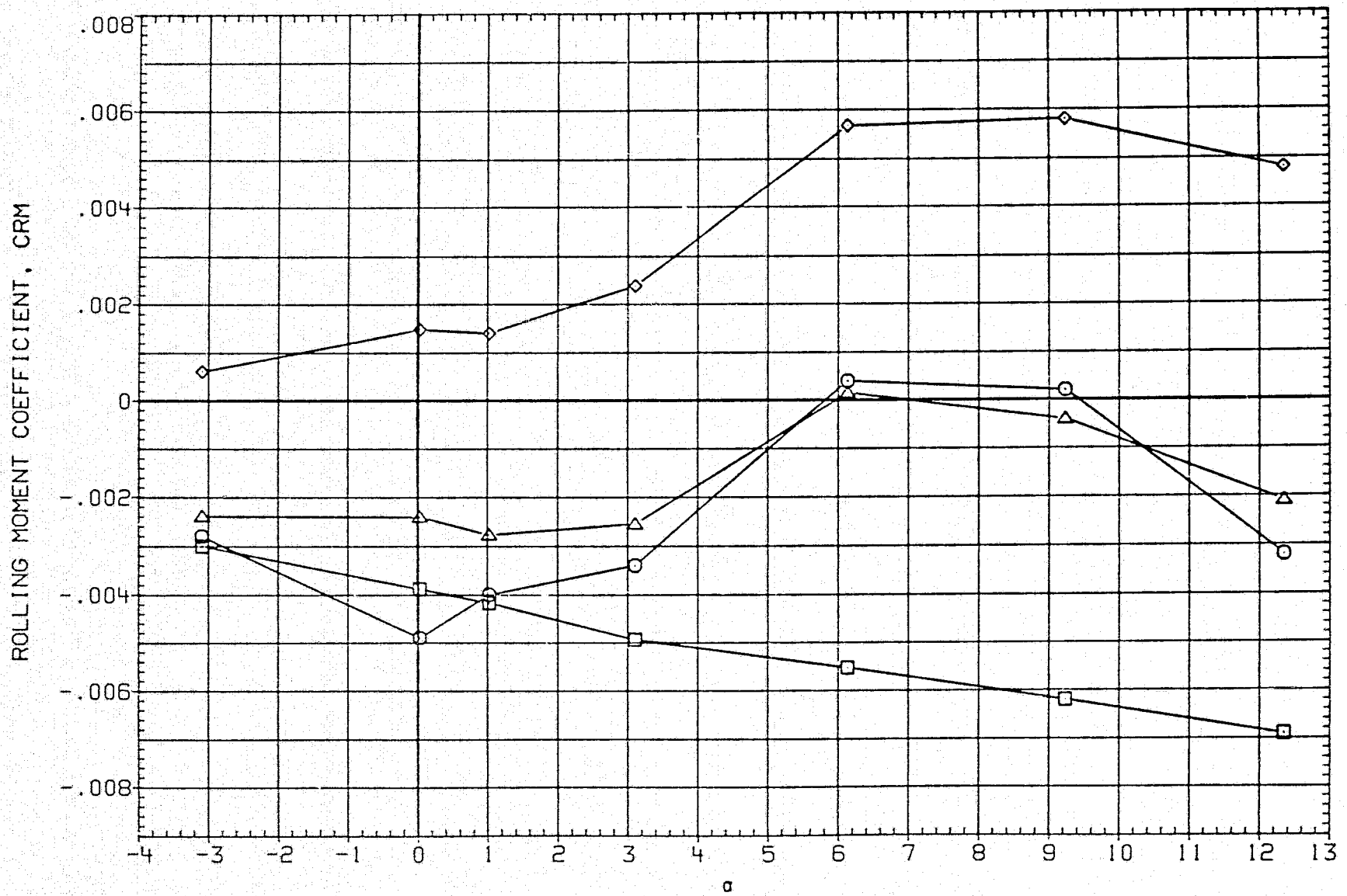



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.501 | BETA | .000 |
| □ | CNC | D1 | .000 | D3 | .000 |
| ◇ | CNT | D2 | 12.000 | D4 | 12.000 |
| △ | CNB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

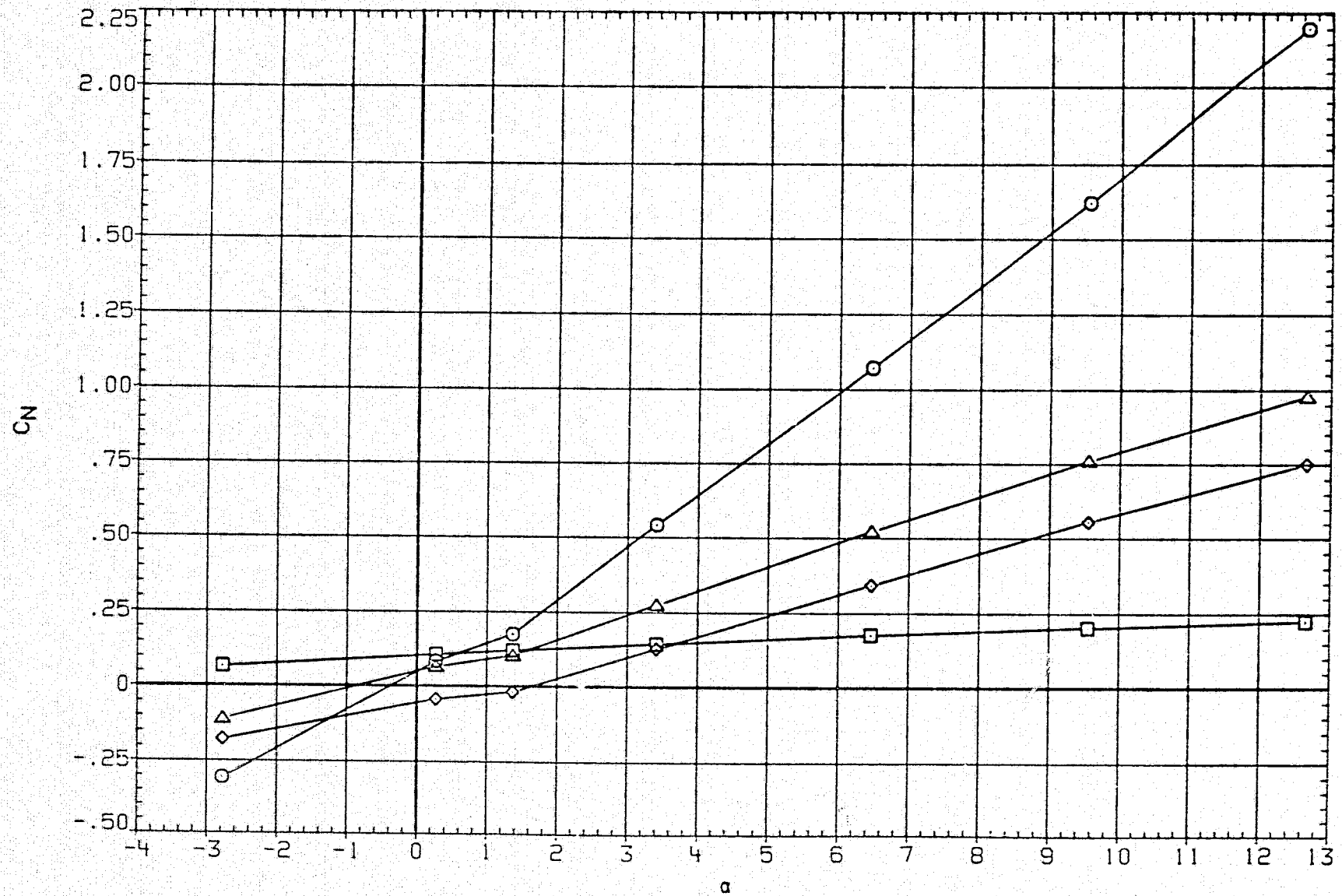



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CN | MACH | 1.995 | BETA | .000 |
| □ | CNC | D1 | .000 | D3 | .000 |
| ◇ | CNT | D2 | 12.000 | D4 | 12.000 |
| △ | CNB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

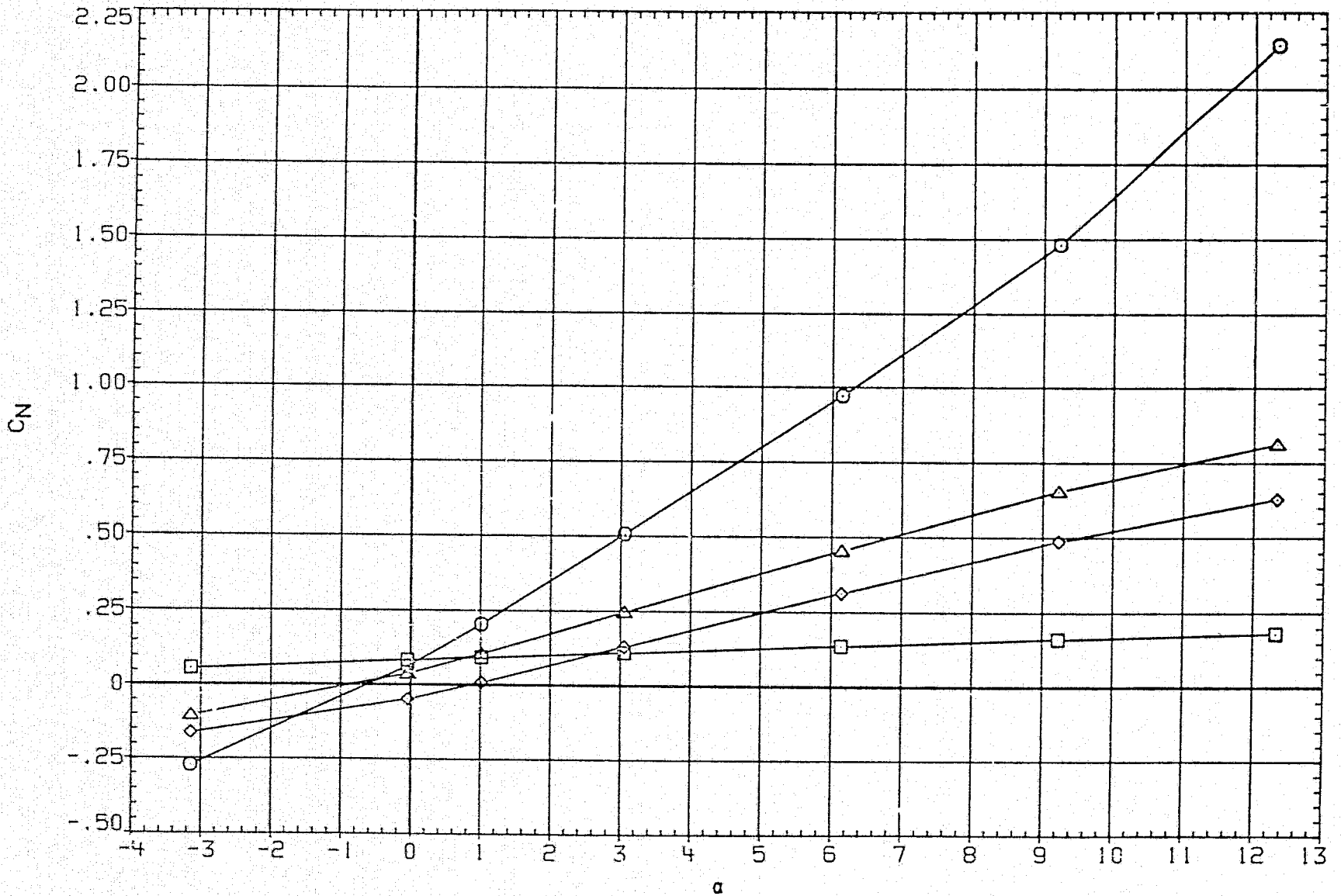



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CM | MACH | 1.501 | BETA | .000 |
| □ | CMC | D1 | .000 | D3 | .000 |
| ◇ | CMT | D2 | 12.000 | D4 | 12.000 |
| △ | CMB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

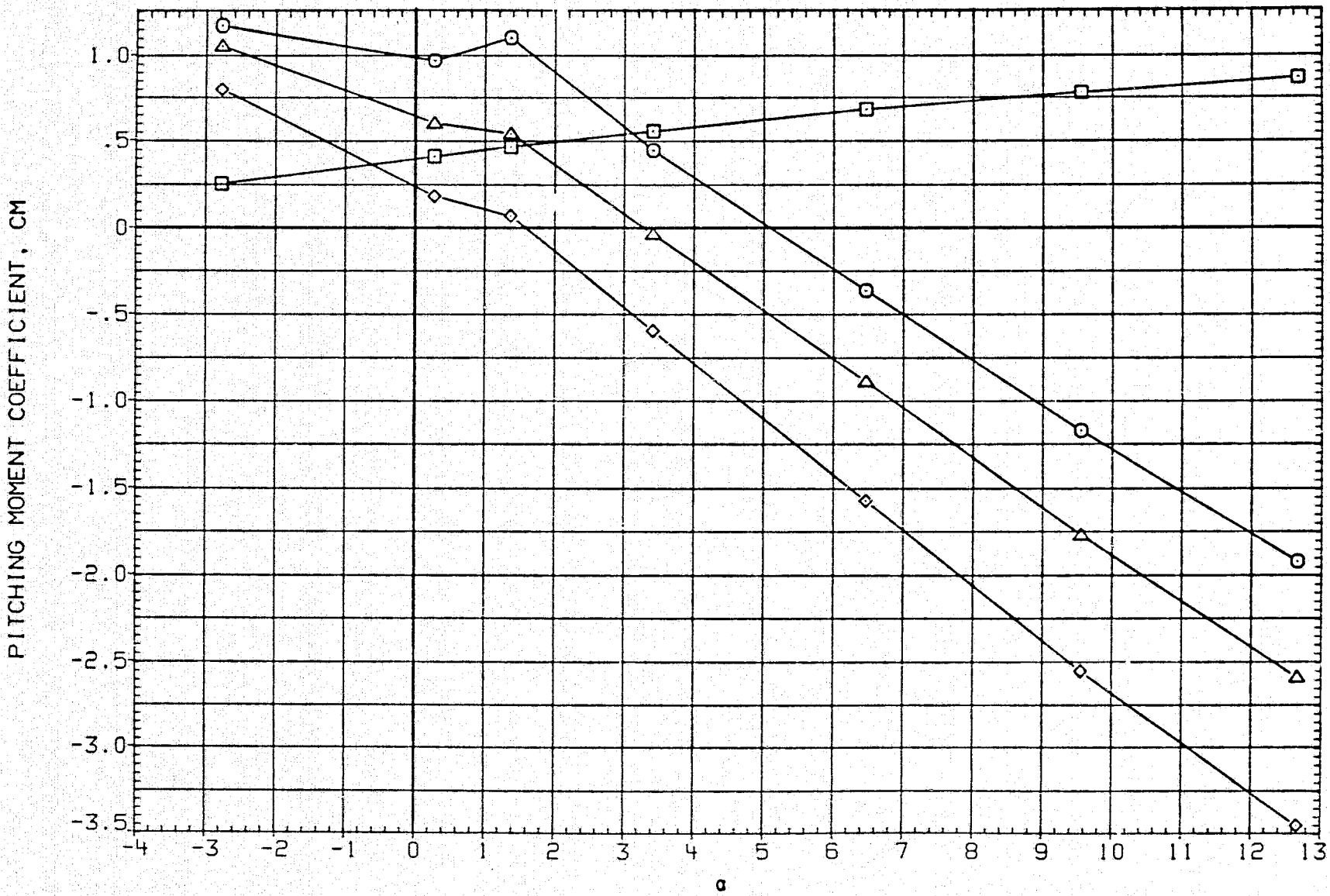



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA |
|---|---|
| ○ | CM |
| □ | CMC |
| ◇ | CMT |
| △ | CMB |

PARAMETRIC VALUES

| | | | |
|---|---|---|---|
| MACH | 1.995 | BETA | .000 |
| D1 | .000 | D3 | .000 |
| D2 | 12.000 | D4 | 12.000 |
| D1-3 | .000 | D2-4 | 12.000 |
| PHI-C | .000 | PHI-T | .000 |

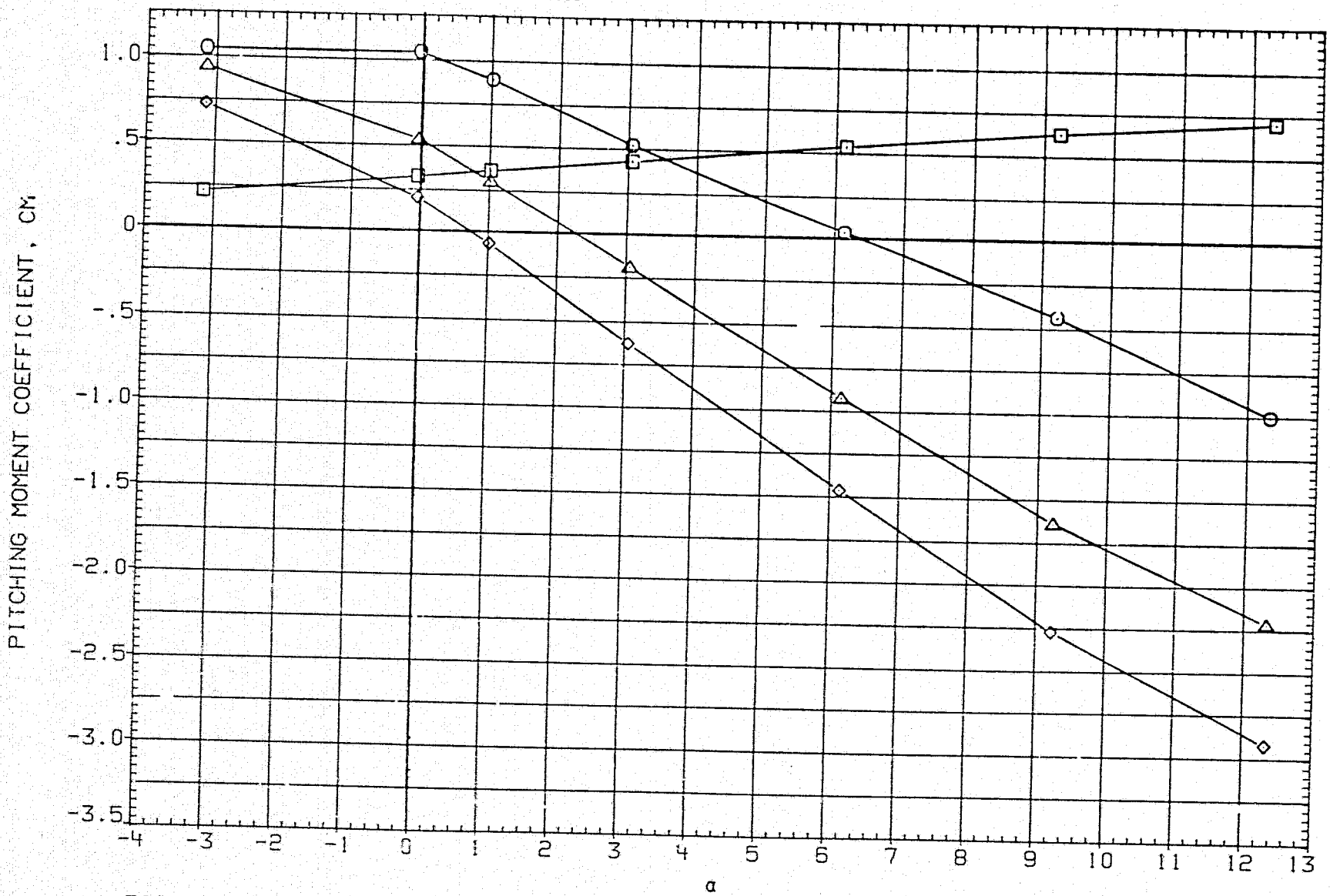



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.501 | BETA | .000 |
| | | D1 | .000 | D3 | .000 |
| | | D2 | 12.000 | D4 | 12.000 |
| | | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

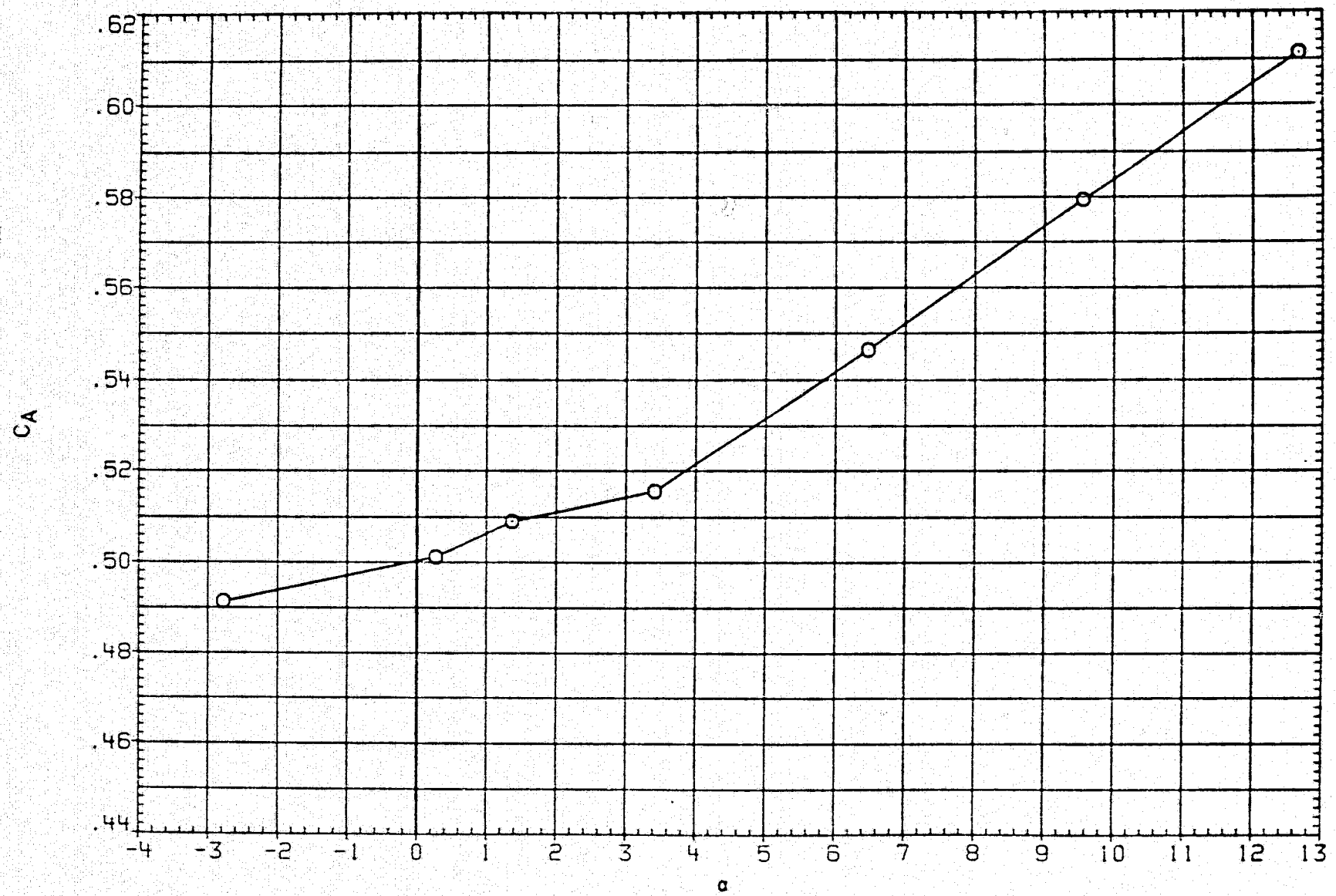



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| O | CA | MACH | 1.995 | BETA | .000 |
| | | D1 | .000 | D3 | .000 |
| | | D2 | 12.000 | D4 | 12.000 |
| | | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

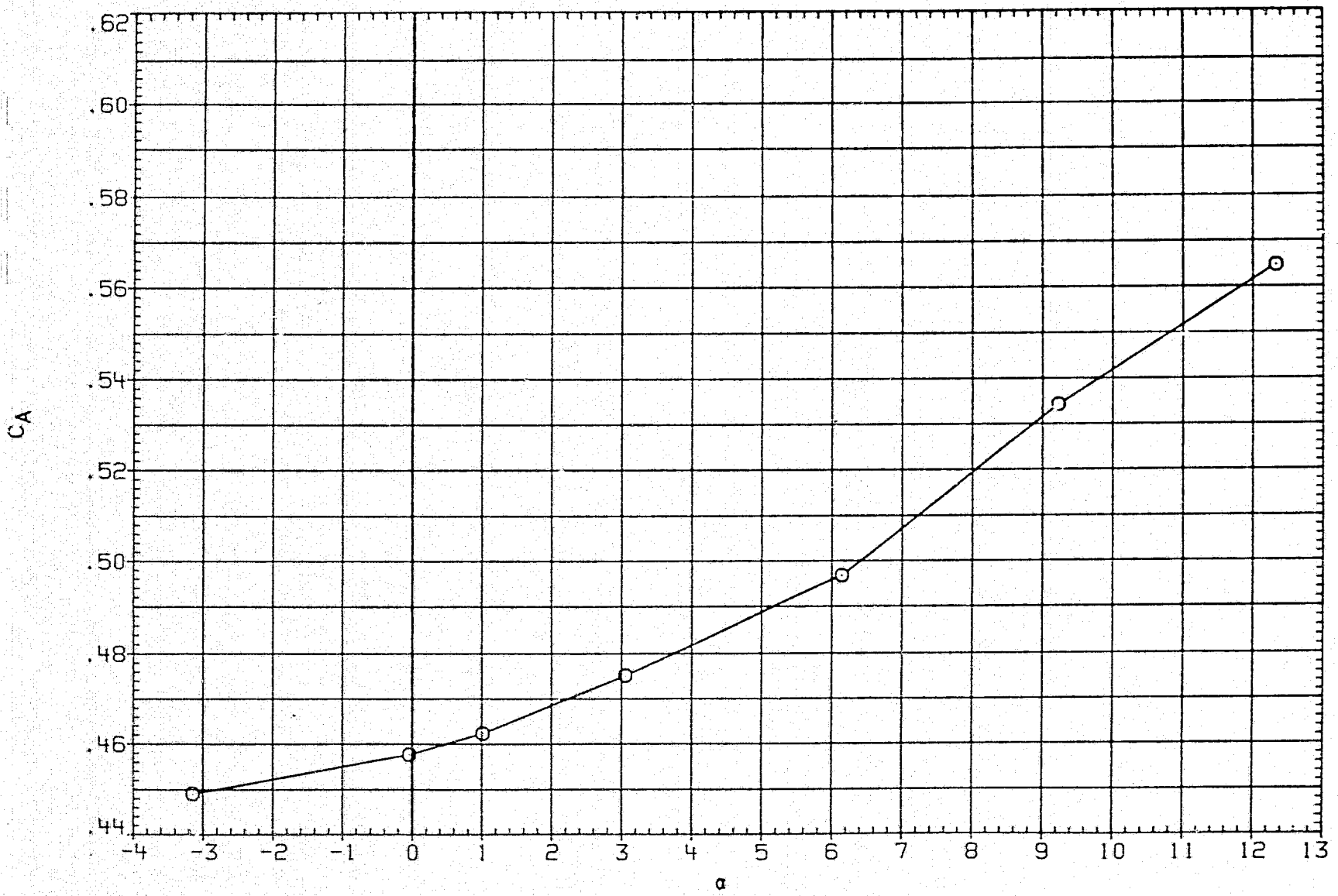



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CY | MACH | 1.501 | BETA | .000 |
| □ | CYC | D1 | .000 | D3 | .000 |
| ◇ | CYT | D2 | 12.000 | D4 | 12.000 |
| △ | CYB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

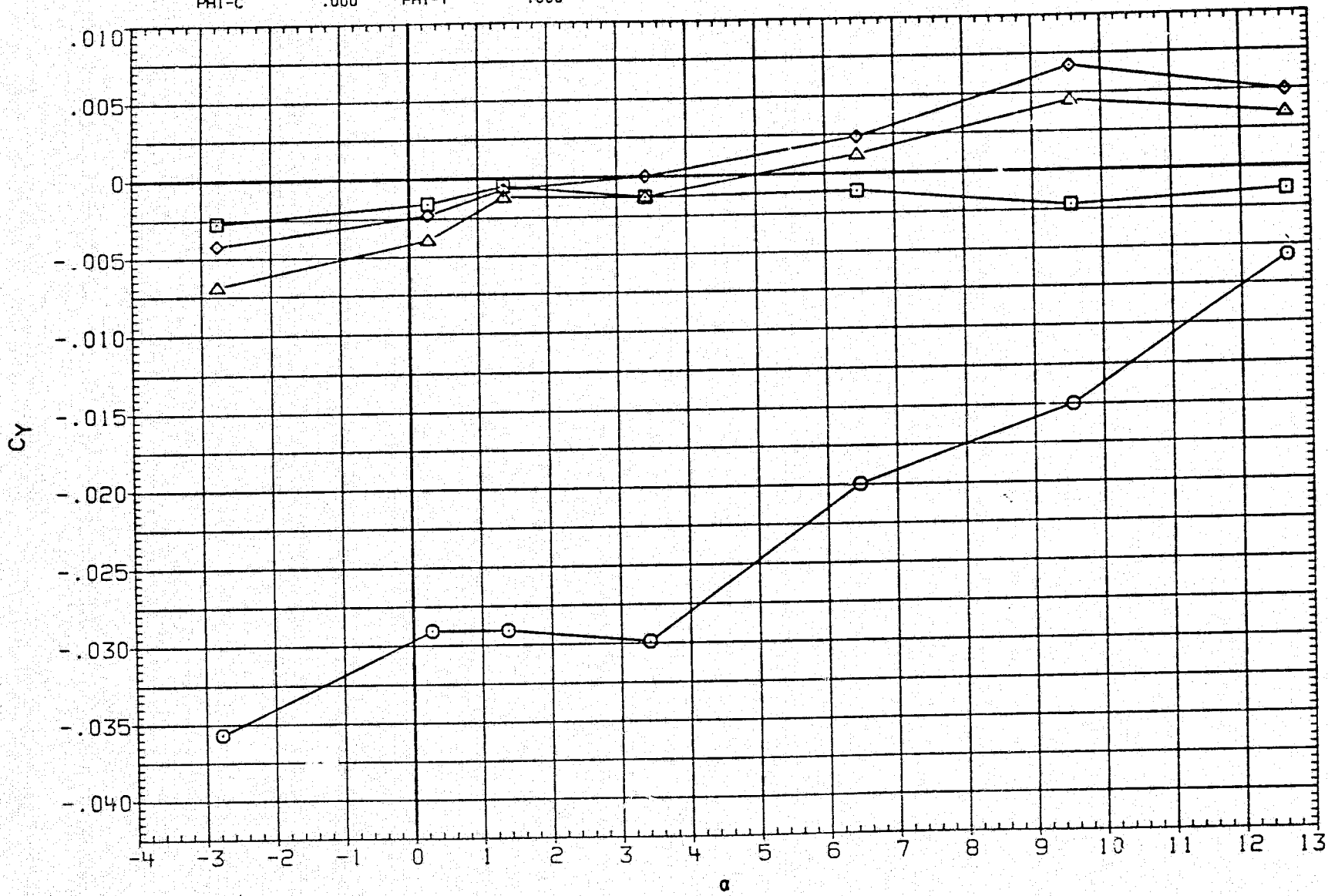



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

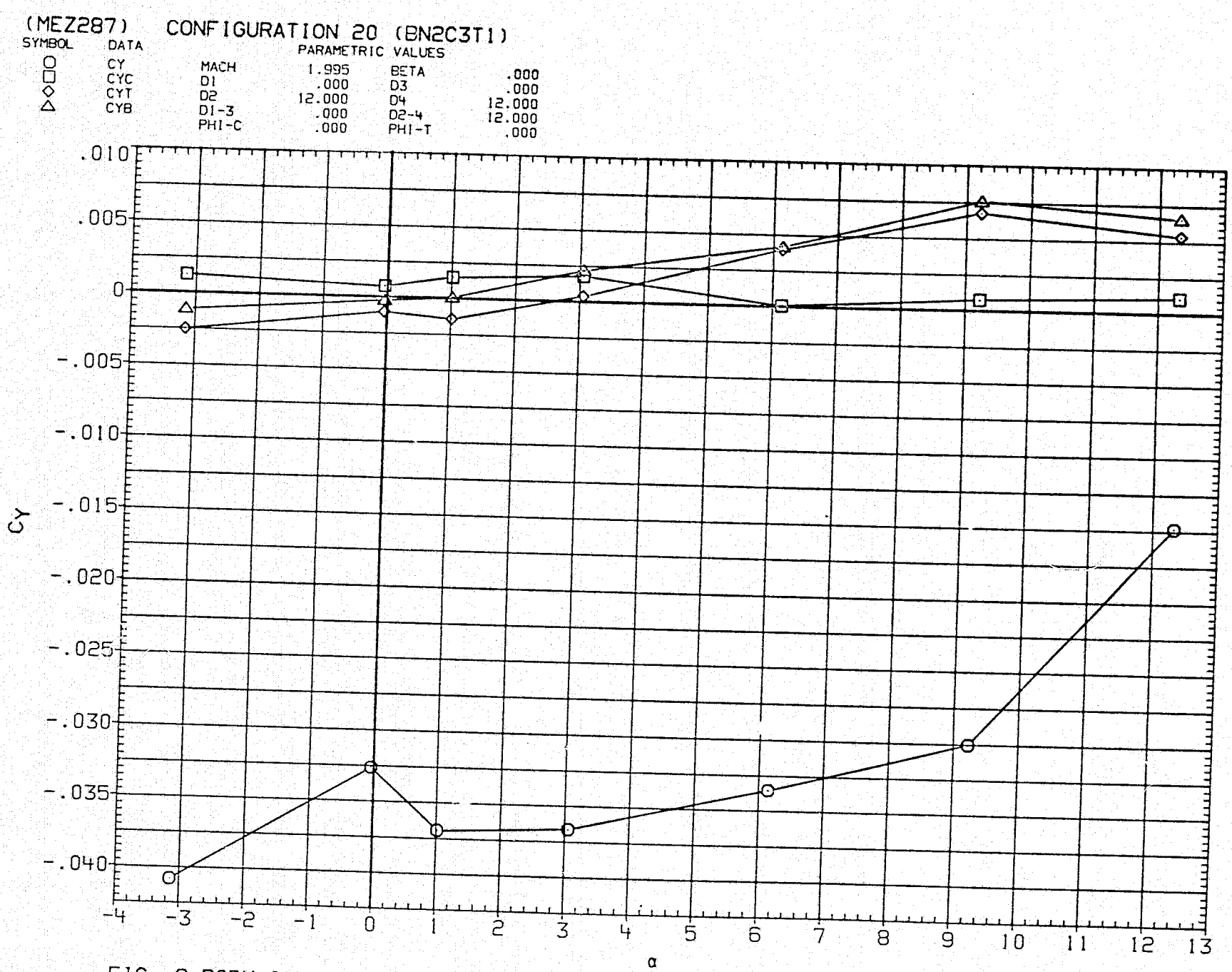



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.501 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | 12.000 | D4 | 12.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

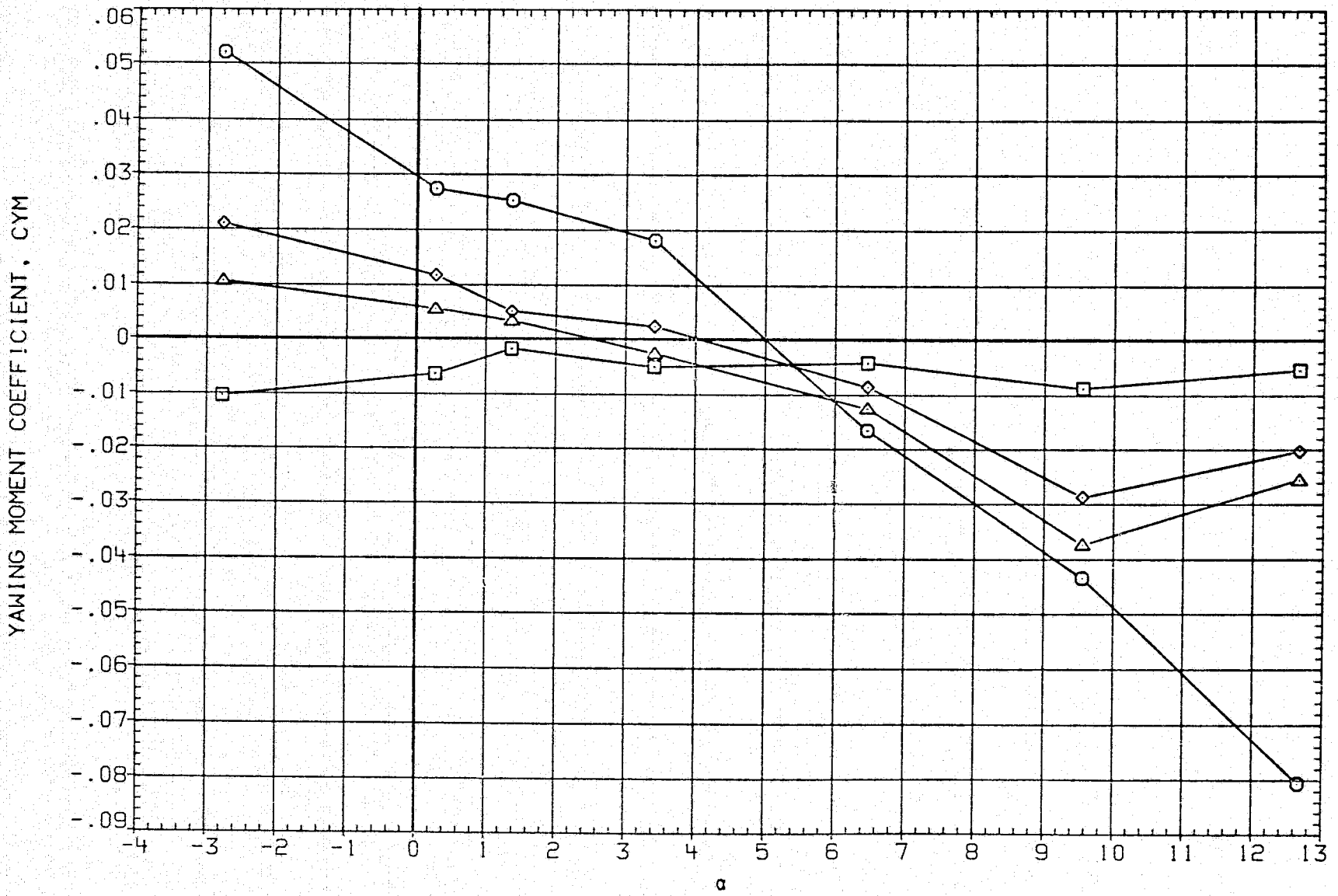



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CYM | MACH | 1.995 | BETA | .000 |
| □ | CYMC | D1 | .000 | D3 | .000 |
| ◇ | CYMT | D2 | 12.000 | D4 | 12.000 |
| △ | CYMB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

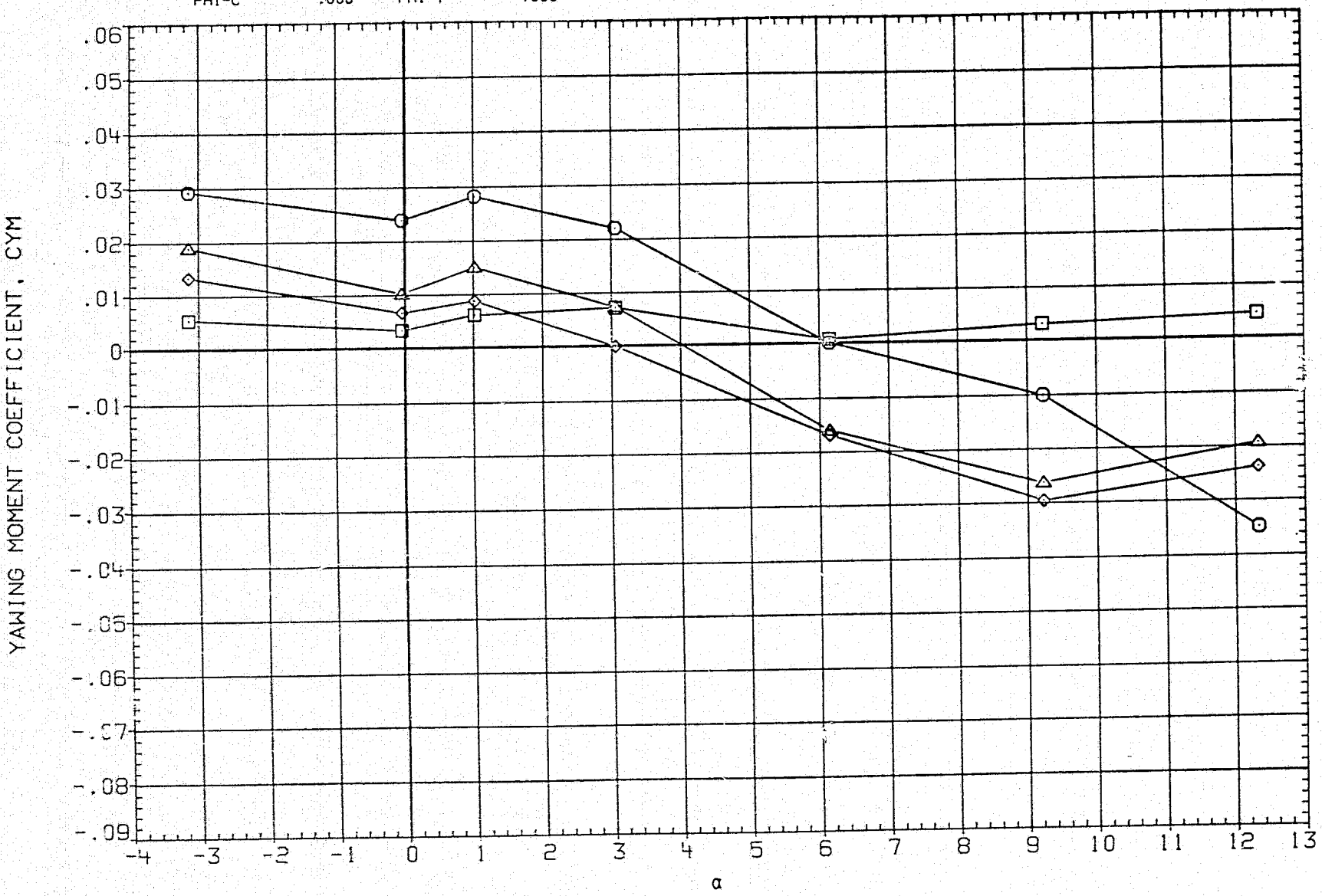



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.501 | BETA | .000 |
| □ | CRMC | D1 | .000 | D3 | .000 |
| ◇ | CRMT | D2 | 12.000 | D4 | 12.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

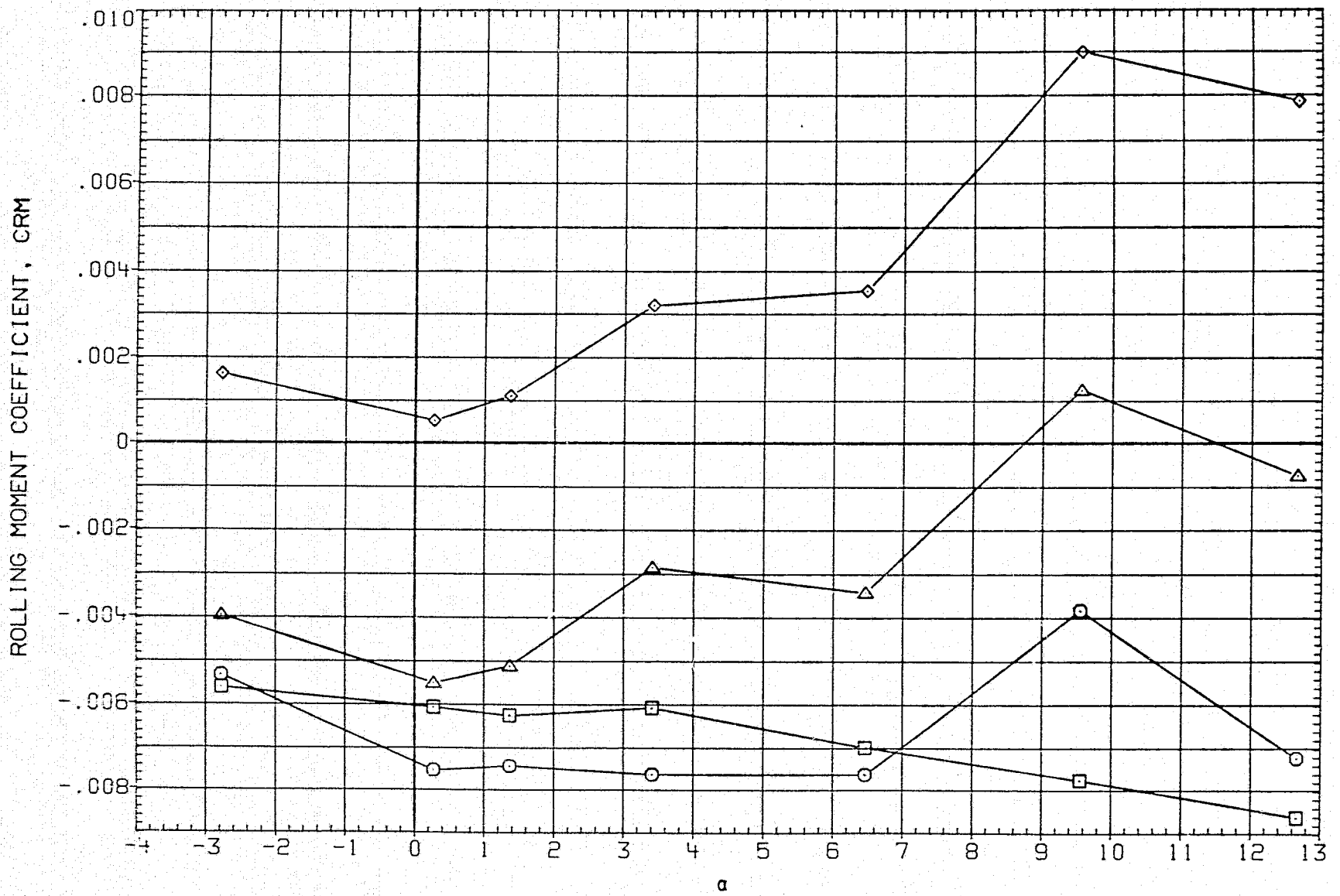



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ287) CONFIGURATION 20 (BN2C3T1)

| SYMBOL | DATA | PARAMETRIC VALUES | | | |
|---|---|---|---|---|---|
| ○ | CRM | MACH | 1.995 | BETA | .000 |
| ◇ | CRMC | D1 | .000 | D3 | .000 |
| □ | CRMT | D2 | 12.000 | D4 | 12.000 |
| △ | CRMB | D1-3 | .000 | D2-4 | 12.000 |
| | | PHI-C | .000 | PHI-T | .000 |

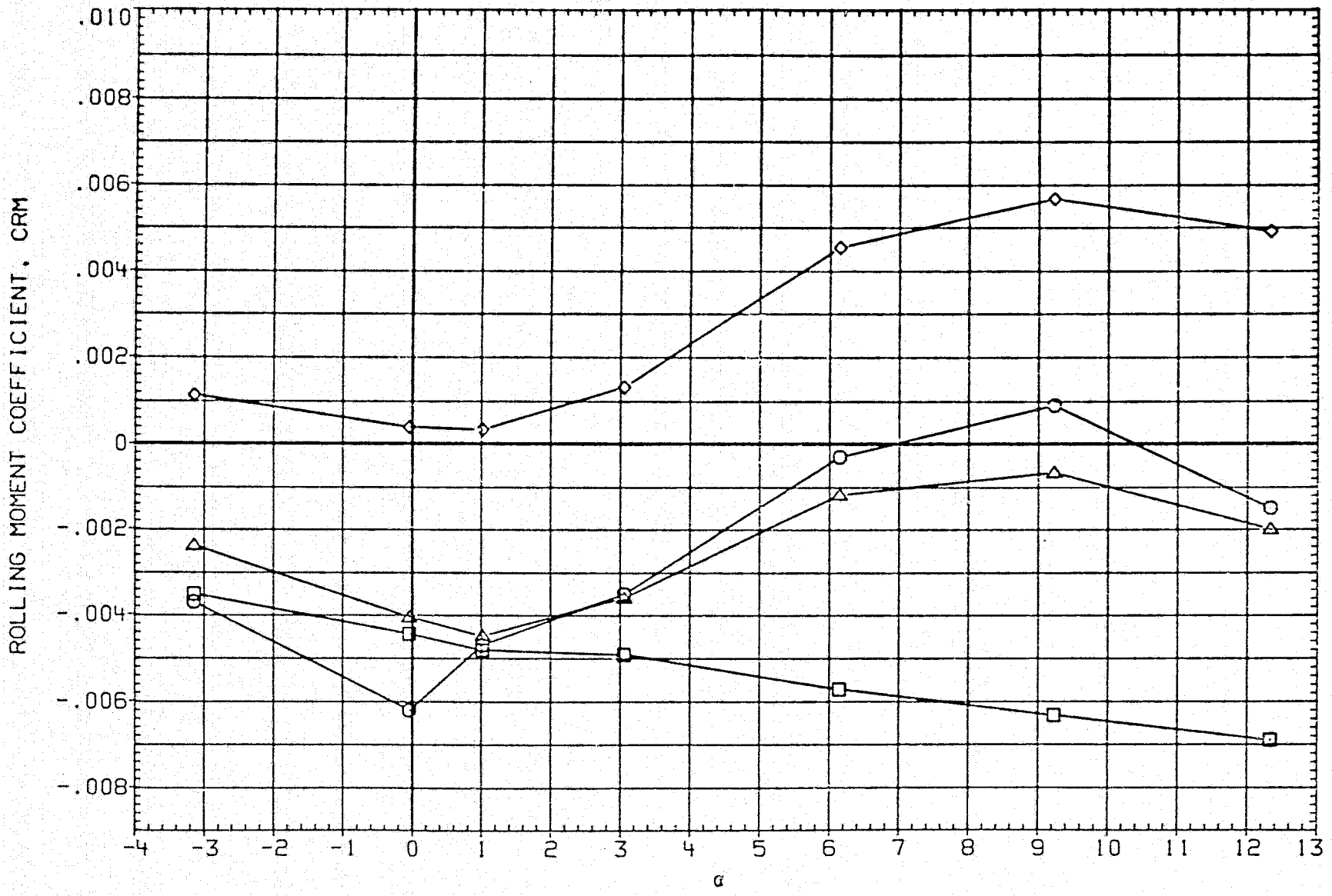



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS