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Etude de la loi log-Pearson type III
et ses applications

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Résumé

Etude de la loi log-Pearson type III et ses applications.

L'emploi de plus en plus fréquent de la loi log-Pearson type III pour représenter des séries de données et plus particulièrement des séries de données hydrologiques nécessite une connaissance plus approfondie des propriétés mathématiques et statistiques de cette loi que nous considérons sous sa forme la plus générale. La partie mathématique de l'étude met en évidence la grande souplesse de cette loi et la grande variété des formes de la fonction densité.

Dans l'étude statistique de la loi, on s'amène à considérer le problème de l'existence des moments et à calculer de manière systématique les moments importants et les divers coefficients caractéristiques en fonction des paramètres de la loi. Les résultats obtenus permettent en particulier de tracer les courbes reliant les coefficients de variation et d'asymétrie, ce qui est d'un grand intérêt pratique pour l'ajustement de la loi aux séries observées.

Mots clé : Distribution de la loi log-Pearson type III, formes de la fonction de densité, moments, coefficient de variation, coefficient d'asymétrie.

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TABLE DES MATIERES

Introduction

1. Rappel des propriétés de la loi Pearson III

- 1.1 Forme générale de la loi
- 1.2 Fonction caractéristique de la loi
- 1.3 Détermination des cumulants et moments

2. Etude mathématique de la loi log-Pearson III

- 2.1 Fonction densité de la loi log-Pearson III
- 2.2 Mode de la distribution
- 2.3 Etude des points d'inflexion
- 2.4 Signe de g' . Valeurs aux limites de g et g'
- 2.5 Forme des distributions

3. Etude statistique de la loi log-Pearson III

- 3.1 Calcul des moments
- 3.2 Relation entre $(\mu'_r)_L$ et les cumulants de Pearson III
- 3.3 Détermination des principaux coefficients de log-Pearson III
- 3.4 Cas particulier de la loi log-Gamma
- 3.5 Calcul numérique des moments et coefficients de log-Pearson III
- 3.6 Etude de la relation entre $(C_s)_L$ et $(C_v)_L$

4. Applications

4.1 Généralité de la loi log-Pearson III

4.2 Application en hydrologie

Conclusion

Annexe A . $\alpha > 0$, logarithme népérien

Annexe B . $\alpha > 0$, logarithme décimal

Annexe C . $\alpha < 0$, logarithme népérien

Annexe D . $\alpha < 0$, logarithme décimal

INTRODUCTION

La loi log-Pearson III a été recommandée pour l'ajustement de séries hydrologiques concernant les crues (Water Resources Council 1967).

Cette loi semble par ailleurs adéquate pour représenter de nombreuses séries de données. Le but de cette étude est de déterminer les principales caractéristiques mathématiques et statistiques de cette loi et de la comparer à la loi Pearson III dont elle est déduite.

On considère la forme générale à trois paramètres et on examine également l'influence de la base des logarithmes utilisée.

1. RAPPELS DES PROPRIETES DE LA LOI PEARSON III

1.1 Forme générale de la loi

La densité de probabilité de la forme la plus générale de la loi Pearson type III est

$$f(x) = \frac{|\alpha|}{\Gamma(\lambda)} \left\{ \alpha (x-m) \right\}^{\lambda-1} e^{-\alpha (x-m)} \quad (1)$$

avec:

$$\lambda > 0 \quad \text{et} \quad -\infty < m < +\infty$$

on peut considérer les 2 cas:

a) $\alpha > 0$ l'intervalle de variation est $m \leq x < +\infty$

b) $\alpha < 0$ l'intervalle de variation est $-\infty < x \leq m$

La synthèse des 2 cas est donnée par $0 \leq \alpha (x-m) < +\infty$

m est un paramètre d'origine; lorsque m est nul, on est ramené au cas particulier de la loi gamma.

Il existe d'autres formes de la loi Pearson III que l'on peut obtenir par changement de variable à partir de (1), mais la forme la plus souple pour représenter des séries de données est la forme à 3 paramètres.

1.2 Fonction caractéristique de la loi Pearson III

La fonction caractéristique de la distribution existe toujours puisque l'on a:

$$|\psi(t)| = \left| \int_{\Delta} e^{itx} f(x) dx \right| \leq \int_{\Delta} |e^{itx}| f(x) dx \leq \int_{\Delta} f(x) dx = 1$$

donc $\psi(t)$ est définie par une intégrale absolument convergente.

La fonction caractéristique de la distribution est donnée par:

$$\psi(t) = \int_{\Delta} e^{itx} \frac{|\alpha|}{\Gamma(\lambda)} \left[\alpha(x-m) \right]^{\lambda-1} e^{-\alpha(x-m)} dx \quad (2)$$

avec

$$\Delta \begin{cases} (m, \infty) & \text{si } \alpha > 0 \\ (-\infty, m) & \text{si } \alpha < 0 \end{cases}$$

en effectuant le changement de variable $v = (\alpha - it)(x-m)$ la relation (2) devient:

$$\psi(t) = \frac{e^{itm}}{\Gamma(\lambda)} \cdot \left(\frac{1}{1 - \frac{it}{\alpha}} \right)^{\lambda} \int_0^{+\infty} e^{-v} v^{\lambda-1} dv$$

donc:

$$\psi(t) = \frac{e^{itm}}{\left(1 - \frac{it}{\alpha} \right)^{\lambda}} \quad (3)$$

1.3 Détermination des cumulants et des moments

Soit κ_j le cumulant d'ordre j de la distribution, on a

$$\ln \psi(t) = \sum_j \kappa_j \frac{(it)^j}{j!}$$

Donc κ_j est le coefficient du terme $\frac{(it)^j}{j!}$ du développement de

$\ln \psi(t)$. On peut en déduire les cumulants de la distribution Pearson III en effet:

$$\ln \psi(t) = itm - \lambda \ln \left(1 - \frac{it}{\alpha} \right)$$

$$\ln \psi(t) = itm + \lambda \sum_j \left(\frac{it}{\alpha} \right)^j \cdot \frac{1}{j}$$

Donc le cumulant d'ordre j est :

$$\kappa_j = \frac{\lambda}{\alpha^j} (j-1)! \quad j = 2, 3, \dots \quad (4)$$

$$\kappa_1 = m + \frac{\lambda}{\alpha}$$

A partir des cumulants, il est possible de déduire les expressions des moments centrés par rapport à la moyenne et des moments non centrés (Kendall et Stuart 1969).

On a, en particulier:

$$\text{moyenne} \quad \mu_1' = \kappa_1 = m + \lambda/\alpha$$

$$\text{variance} \quad \mu_2 = \kappa_2 = \lambda/\alpha^2$$

$$\mu_3 = \kappa_3 = 2\lambda/\alpha^3$$

$$\mu_4 = \kappa_4 + 3\kappa_2^2 = \frac{\lambda^2}{\alpha^4} (3 + \frac{6}{\lambda})$$

Il est également possible de déduire les principaux coefficients caractéristiques de la distribution:

$$\text{coefficient de variation} \quad C_v = \frac{\mu_2^{\frac{1}{2}}}{\mu_1'} = \frac{\kappa_2^{\frac{1}{2}}}{\kappa_1} \quad (5)$$

$$C_v = \sqrt{\frac{\lambda}{|\alpha|}} \cdot \frac{1}{m + \frac{\lambda}{\alpha}} = \frac{\alpha}{|\alpha|} \cdot \frac{\sqrt{\lambda}}{\lambda + m\alpha}$$

Donc:

$$C_v = + \frac{\sqrt{\lambda}}{\lambda + m\alpha} \quad \text{si } \alpha > 0$$

$$C_v = - \frac{\sqrt{\lambda}}{\lambda + m\alpha} \quad \text{si } \alpha < 0$$

$$\text{coefficient d'asymétrie} \quad C_s = \frac{\mu_3}{\mu_2^{3/2}} = \frac{\kappa_3}{\kappa_2^{3/2}}$$

$$C_s = \frac{2\lambda}{\alpha^3} \cdot \frac{\alpha^2}{\lambda} \cdot \frac{|\alpha|}{\sqrt{\lambda}} = \frac{|\alpha|}{\alpha} \frac{2}{\sqrt{\lambda}} \quad (6)$$

Donc:

$$C_s = + \frac{2}{\sqrt{\lambda}} > 0, s_i \quad \alpha > 0 \quad C_s = - \frac{2}{\sqrt{\lambda}} < 0, s_i \quad \alpha < 0$$

Le coefficient d'asymétrie est indépendant du paramètre d'origine et montre que la loi relative à $\alpha > 0$ s'applique pour des données à asymétrie positive et la loi correspondant à $\alpha < 0$ est caractérisée par une asymétrie négative.

On peut vérifier que dans le cas de la loi gamma ($m = 0$) on a

$$C_s = 2 C_v$$

$$\text{coefficient de finesse} \quad C_k = \frac{\mu_4}{\mu_2^2} = 3 + \frac{\kappa_4}{\kappa_2^2}$$

$$C_k = 3 + \frac{6}{\lambda} \quad (7)$$

Parfois on définit la finesse par $C'_k = C_k - 3$

Le coefficient C_k est indépendant du signe de α .

Les propriétés d'invariance des cumulants permettent de déduire les cumulants et les moments des formes simplifiées de la loi Pearson III, à partir de ceux de la loi générale.

En effet, si nous considérons la variable $y = \ell x + p$ on a:

$$\kappa_{r,y} = \ell^r \kappa_{r,x} \quad r = 2, 3, \dots$$

$$\kappa_{1,y} = \ell \kappa_{1,x} + p$$

$\kappa_{r,y}$ et $\kappa_{r,x}$ sont respectivement les cumulants d'ordre r des variables y et x .

Dans le cas de la loi gamma à 1 paramètre par exemple:

$$f(y) = \frac{1}{\Gamma(\lambda)} \int_0^\infty e^{-y} y^{\lambda-1} dy$$

$$\text{on a } y = \alpha x - m\alpha$$

$$\text{donc } \kappa_{r,y} = \alpha^r \kappa_{r,x} = \lambda(r-1) !$$

$$\kappa_{1,y} = \alpha \kappa_{1,x} - m\alpha = \alpha(m + \frac{\lambda}{\alpha}) - m\alpha = \lambda$$

2. ETUDE MATHEMATIQUE DE LA LOI LOG PEARSON III

2.1 Fonction densité de la loi log-Pearson III

Si $y = \log_a x$ suit une loi Pearson III, x suit une loi log-

Pearson III, la fonction densité de y est d'après (1)

$$f(y) = \frac{|\alpha|}{\Gamma(\lambda)} e^{-\alpha(y-m)} [\alpha(y-m)]^{\lambda-1}$$

on peut en déduire $g(x)$ fonction densité de x , puisque

$$g(x) = f \left[y(x) \right] \left| \frac{dy}{dx} \right|$$

$$y = \log_a x = k \ln x \longleftrightarrow x = a^y = e^{y/k}$$

$$\text{avec } k = \log_a e = \frac{1}{\ln a}$$

k est > 0 si $a > 1$ (\ln est le logarithme népérien de base e)

on a:

$$g(x) = \frac{|\alpha|}{\Gamma(\lambda)} e^{-\alpha(\log_a x - m)} \left[\alpha(\log_a x - m) \right]^{\lambda-1} \frac{k}{x}$$

$$\text{avec } 0 < \lambda \text{ et } -\infty < m < +\infty$$

L'intervalle de variation est D tel que

$$\text{si } \alpha > 0 \quad a^m = e^{m/k} \leq x < +\infty$$

$$\text{Si } \alpha < 0 \quad 0 \leq x \leq a^m = e^{m/k}$$

La fonction $g(x)$ peut encore s'écrire:

$$g(x) = \frac{|\alpha| k}{\Gamma(\lambda)} e^{\alpha m} \frac{1}{x^{1+\alpha k}} \left[\alpha(k \ln x - m) \right]^{\lambda-1} \quad (8)$$

Le calcul des dérivées première et seconde de $g(x)$ donne

$$g'(x) = \frac{|\alpha| k \alpha}{\Gamma(\lambda)} \frac{e^{\alpha m}}{x^{2+\alpha k}} \left[\alpha(k \ln x - m) \right]^{\lambda-2} * A \quad (9)$$

$$\text{avec } A = (\lambda-1) k - (1+\alpha k)(k \ln x - m)$$

$$g''(x) = \frac{|\alpha| k}{\Gamma(\lambda)} \frac{e^{\alpha m}}{x^{3+\alpha k}} \left[\alpha(k \ln x - m) \right]^{\lambda-3} * T \quad (10)$$

avec

$$T = U^2 (1+\alpha k)(2+\alpha k) - U \alpha k (\lambda-1)(3+2\alpha k) + \alpha^2 k^2 (\lambda-1)(\lambda-2) \quad (11)$$

$$U = \alpha(k \ln x - m)$$

2.2 Mode de la distribution

Le mode de la distribution est obtenu lorsque A s'annule.

La valeur modale x_M est telle que

$$(\lambda-1) k - (1 + \alpha k) (k \ln x_M - m) = 0$$

puisque l'on a toujours quelque soit le signe de α

$\alpha (k \ln x_M - m) \geq 0$, le mode n'existe que si:

$$\frac{(\lambda-1) \alpha k}{1 + \alpha k} > 0$$

En tenant compte du fait que k et λ sont positifs, la table I indique les cas où la distribution possède un extremum

	$\alpha < -\frac{1}{k}$	$-\frac{1}{k} < \alpha < 0$	$\alpha > 0$
$0 < \lambda < 1$	Pas de mode	Extremum	Pas de mode
$\lambda > 1$	Extremum	Pas de mode	Extremum

TABLE I

La valeur modale lorsqu'elle existe est atteinte pour

$$x_M = e^{\frac{m}{k}} \cdot \frac{(\lambda-1)}{e^{1+\alpha k}} \quad (12)$$

La fonction densité de probabilité de x_M est

$$g(x_M) = e^{-\frac{m}{k}} \frac{|\alpha| k}{\Gamma(\lambda)} \cdot \frac{1}{e^{\lambda-1}} \left[\frac{(\lambda-1)\alpha k}{1+\alpha k} \right]^{\lambda-1} \quad (13)$$

quand $\lambda=1$ l'extremum est atteint à une borne.

Cas particuliers

Si $m = 0$, on est dans le cas de la loi Log-gamma, c'est-à-dire que $y = \log_a x$ suit une loi gamma. Dans ce cas, le mode $x_{M,0}$ et la fonction densité $g(x_{M,0})$ sont données par:

$$x_{M,0} = e^{\frac{\lambda-1}{1+\alpha k}} \quad (14)$$

$$g(x_{M,0}) = \frac{|\alpha| \cdot k}{\Gamma(\lambda)} \cdot \frac{1}{e^{\lambda-1}} \left[\frac{(\lambda-1)\alpha k}{1+\alpha k} \right]^{\lambda-1} \quad (15)$$

Quel que soit m on a $x_M \cdot g(x_M) = x_{M,0} g(x_{M,0}) = \text{constante}$.

Donc le point de coordonnées $[x_M, g(x_M)]$ se déplace sur une hyperbole quand m varie pour λ et α fixés.

Suivant la base à considérée dans $y = \log_a x$, le paramètre k prend différentes valeurs en particulier:

Si $y = \ln x$ (base e) on a $k = 1$

Si $y = \log_{10} x$ (base 10) on a $k \approx 0.434$

Dans tout ce qui suit, on ne considèrera que les valeurs $k > 0$ (qui correspondent à $a > 1$).

2.3 Etude des points d'inflexions

Les points d'inflexion sont obtenus lorsque g'' s'annule donc d'après l'expression (10) si le trinôme T s'annule. La recherche des points d'inflexion nous conduit à déterminer les racines positives de T puisque l'on a toujours

$$U = \alpha(k \ln x - m) > 0.$$

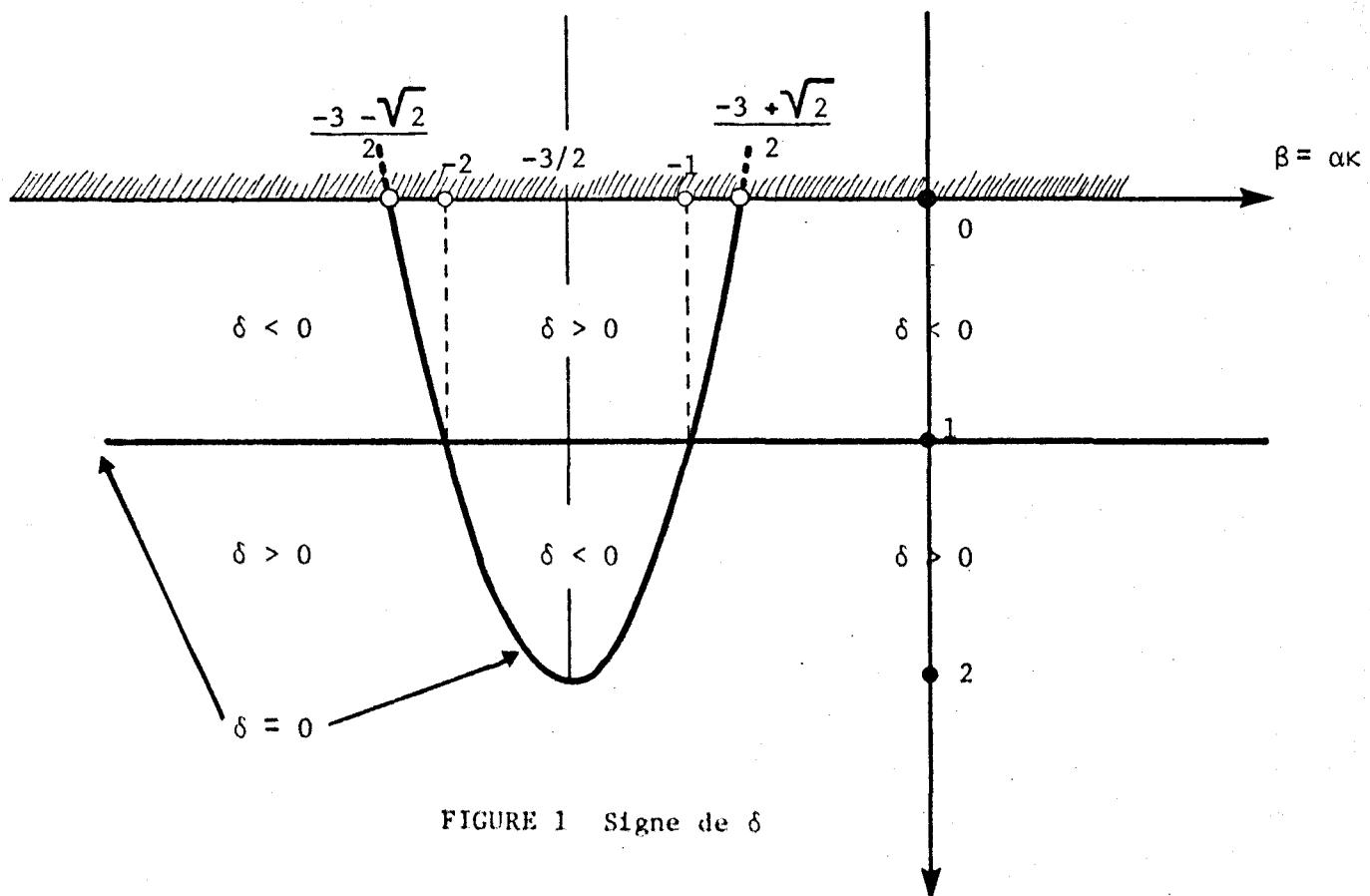
(le cas $U = 0$ n'est pas considéré) il y aura autant de points d'inflexion que de racines réelles positives de T .

Le discriminant du trinôme est:

$$\delta = \beta^2 (\lambda-1) \left[4\beta^2 + 12\beta + 7 + \lambda \right] \quad (16)$$

avec $\beta = \alpha k$

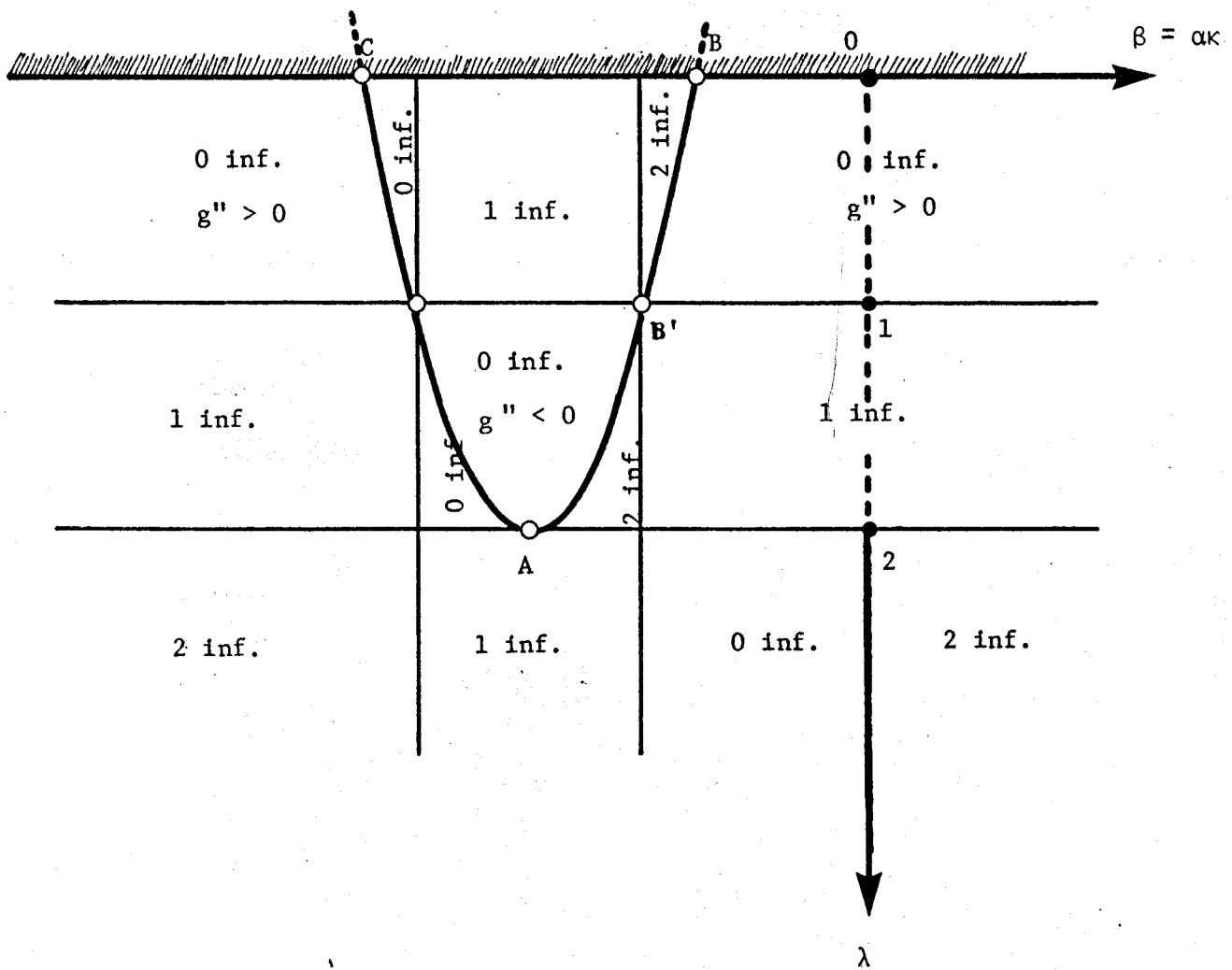
Le signe de δ est donné par la figure 1.



- Si $\delta < 0$, il n'y a pas de point d'inflexion et g'' est du signe de T donc de $(1 + \beta) (2 + \beta)$
- Si $\delta > 0$, il y a:
 - 2 points d'inflexions si les 2 racines sont positives
 - 1 point d'inflexion si une seule racine est positive
 - aucun point d'inflexion si les 2 racines sont négatives
 - g'' est du signe de $(1 + \beta) (2 + \beta)$ à l'extérieur des racines
 - g'' est du signe $-(1 + \beta) (2 + \beta)$ entre les racines.
- Si $\delta = 0$, lorsque la racine double est négative, il ne peut y avoir inflexion, et lorsque la racine double est positive, il n'y a pas inflexion en réalité car g''' s'annule également pour la valeur de la racine double (branche AB de la parabole fig. 2)

Lorsqu'il y a possibilité de point d'inflexion ($\delta > 0$) l'étude de la somme et du produit des racines du trinôme T permet la détermination du nombre effectif des points d'inflexion (fig. 2).

Lorsqu'il y a 1 ou 2 points d'inflexion, la somme et le produit des racines de T , ainsi que l'étude de g' et g'' permettent de situer ces points par rapport au mode de la distribution s'il existe.



quand $\delta > 0$ on indique le nombre de points d'inflexion

quand $\delta < 0$ on indique le signe de g''

FIGURE 2 Détermination du nombre de points d'inflexion

2.4 Signe de g' - Valeurs aux limites de g et g'

Pour pouvoir donner la forme générale des courbes, nous devons connaître le signe de g' ainsi que les limites de g et g' pour les bornes de l'intervalle de variation.

Signe de g'

Lorsque la fonction densité possède un extremum, on a, en tenant compte du fait que x et $U = \alpha(k \ln x - m)$ sont positifs:

$$\text{signe } g' = \text{signe} \left[\alpha(1+\alpha k) \ln \frac{x_M}{x} \right] = \text{signe} \left[\beta(1+\beta) \ln \frac{x_M}{x} \right]$$

Si g' ne s'annule pas, et garde un signe constant dans l'intervalle de variation, la fonction g n'a pas d'extremum et:

$$\text{signe } g' = \text{signe} \left[\alpha(\lambda-1) \right] = \text{signe} \left[\beta(\lambda-1) \right]$$

Valeurs aux limites de g et g'

Les valeurs de g et g' pour les bornes de l'intervalle de variation sont telles que:

$$\underline{\text{Si } \alpha > 0 \quad e^{m/k} \leq x < +\infty}$$

$$g \left(e^{m/k} \right) = \lim_{U \rightarrow 0} U^{\lambda-1}$$

$$g(+\infty) = \lim_{x \rightarrow +\infty} x^{-(1+\beta)}$$

$$\left| g' \left(e^{m/k} \right) \right| = \lim_{U \rightarrow 0} U^{\lambda-2}$$

$$\left| g'(+\infty) \right| = \lim_{x \rightarrow +\infty} x^{-(2+\beta)}$$

$$\underline{\text{Si } \alpha < 0 \quad 0 \leq x < e^{\frac{m}{k}}}$$

$$g(0) = \lim_{x \rightarrow 0} x^{-(1+\beta)}$$

$$g\left(e^{\frac{m}{k}}\right) = \lim_{u \rightarrow 0} u^{\lambda-1}$$

$$\left| g'(0) \right| = \lim_{x \rightarrow 0} x^{-(2+\beta)}$$

$$\left| g'\left(e^{\frac{m}{k}}\right) \right| = \lim_{u \rightarrow 0} u^{\lambda-2}$$

2.5 Forme des distributions

La figure 3 donne la forme des distributions pour les différentes valeurs de λ et de $\beta = \alpha k$.

Ces formes sont définies en fonction des paramètres α et λ de la loi Pearson III et en fonction de k donc de la base choisie dans la transformation logarithmique en particulier.

$$\text{Si } a = e \quad y = \log_a x \quad k = 1$$

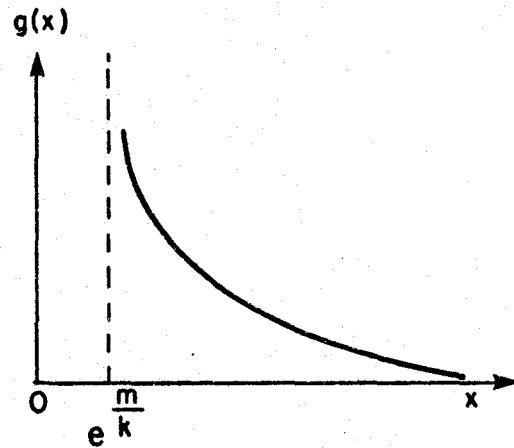
$$\text{Si } a = 10 \quad y = \log_{10} x \quad k = \log_{10} e \approx .434$$

Les cas spéciaux tels que $\lambda=1$, $\beta=-1$, $\beta=-2$, ne présentent pas beaucoup d'intérêt et s'étudient facilement en considérant les relations 8, 9, 10 donnant la fonction et ses dérivées.

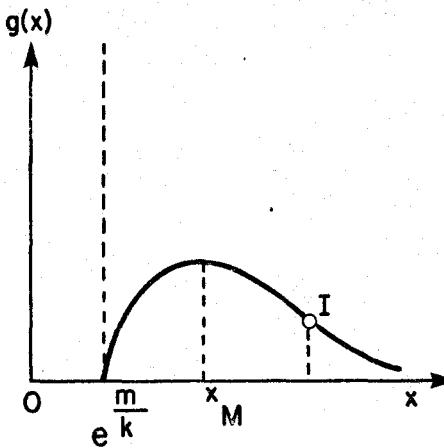
Le cas de la loi log-Gamma ($m=0$) se déduit de la figure 3, l'intervalle de variation devient $(0,1)$ pour $\alpha < 0$ et $(1, +\infty)$ pour $\alpha > 0$.

FIGURE 3. Différentes formes de la fonction densité de la loi log-Pearson III

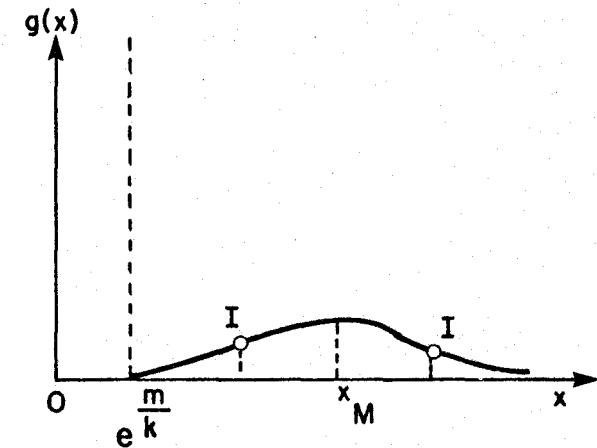
$$\beta > 0 \iff \alpha > 0$$



$$0 < \lambda < 1$$

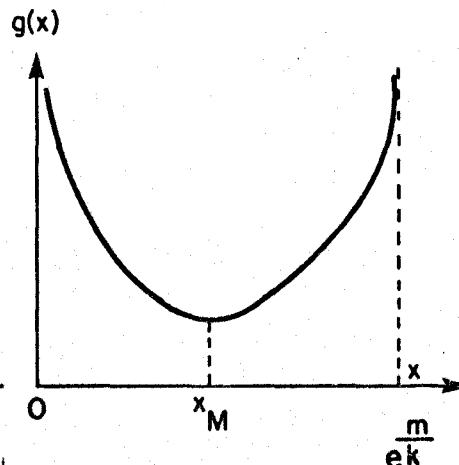


$$1 < \lambda < 2$$

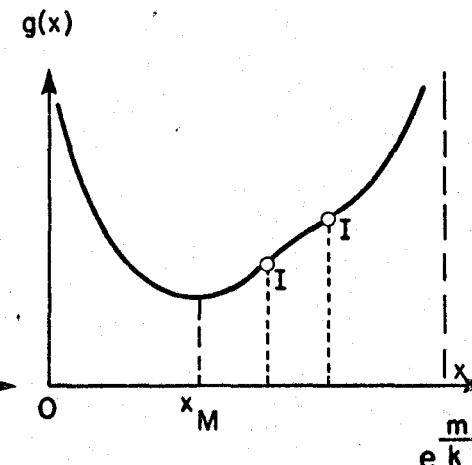


$$\lambda > 2$$

$$-\beta < 0 \iff -\frac{1}{k} < \alpha < 0$$

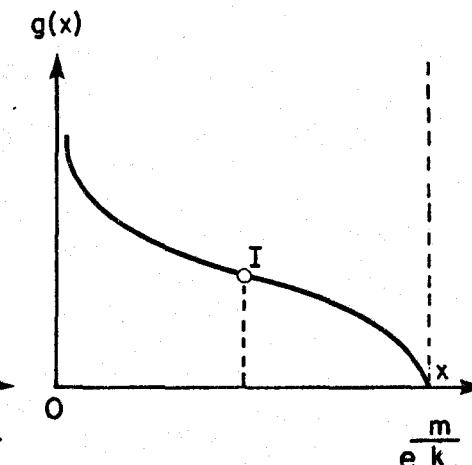


$$0 < \lambda < 1$$



$$0 < \lambda < 1$$

$$\lambda \geq -(4\beta^2 + 12\beta + 7)$$



$$1 < \lambda < 2$$

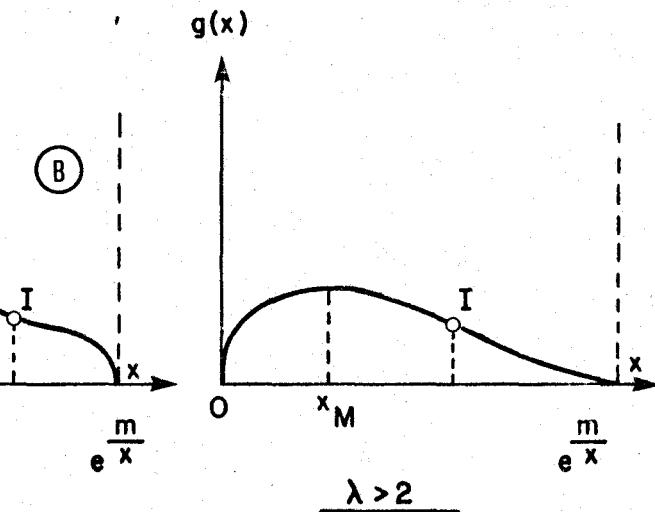
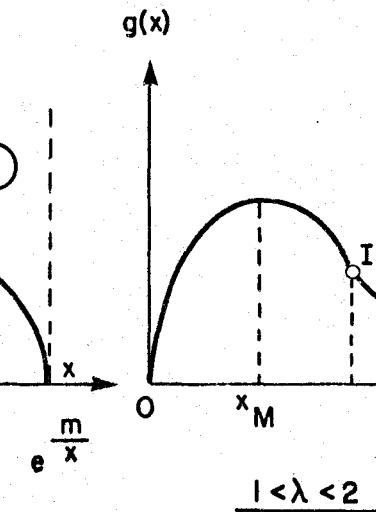
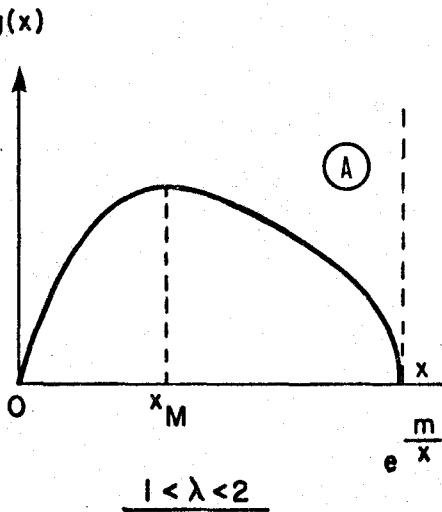
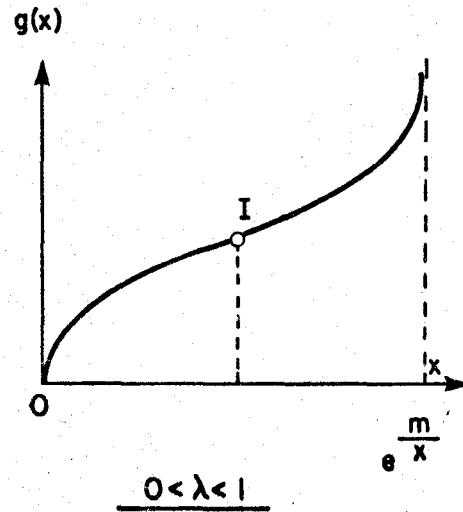


$$\lambda > 2$$

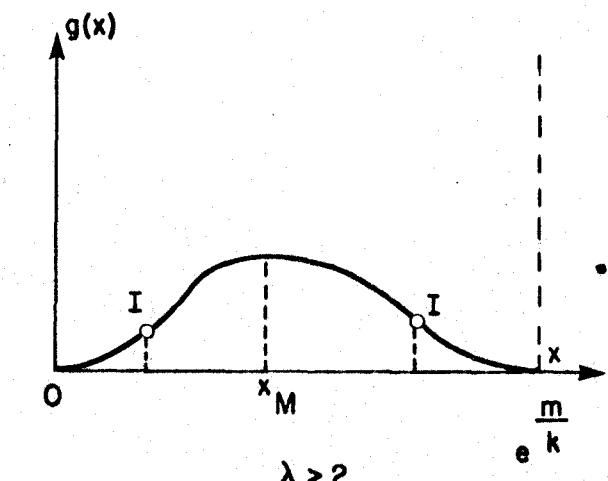
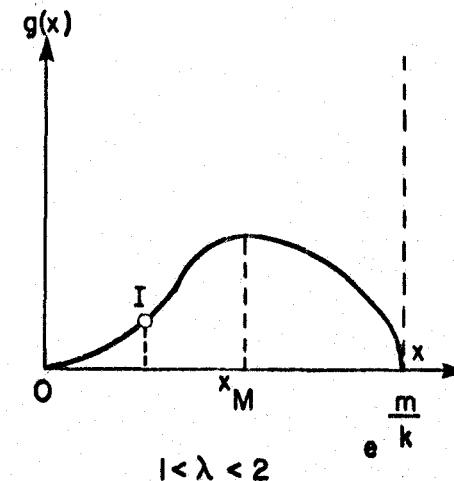
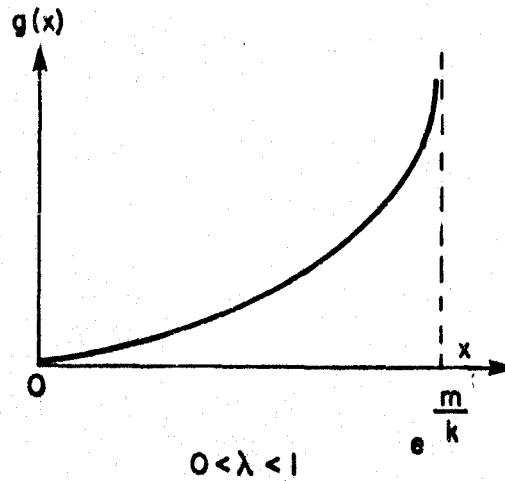
$$\lambda < -(4\beta^2 + 12\beta + 7)$$

FIGURE 3 (suite). Différentes formes de la fonction densité de la loi log-Pearson III

$$-2 < \beta < -1 \iff -\frac{2}{k} < \alpha < -\frac{1}{k}$$



$$\beta < -2 \iff \alpha < \frac{m}{k}$$



A partir des résultats concernant la dérivée première et seconde, l'existence d'un mode et de points d'inflexions, les limites de la fonction et de sa dérivée aux bornes de l'intervalle de variation, on peut mettre en évidence les différentes formes de la fonction densité de la loi log Pearson III.

Dans le cas $\beta < 0$ on est amené à considérer plusieurs cas comme le montre la figure 3.

Plus particulièrement lorsque $-2 < \beta < -1$ et $1 < \lambda < 2$ on est amené à considérer deux cas de figure:

$$-2 < \beta < -1 \text{ avec } \lambda < -(4\beta^2 + 12\beta + 7)$$

A Si

ou

$$-2 < \beta < -\frac{3}{2} \text{ avec } \lambda > -(4\beta^2 + 12\beta + 7)$$

B Si

$$-\frac{3}{2} < \beta < -1 \text{ avec } \lambda > -(4\beta^2 + 12\beta + 7)$$

3. ETUDE STATISTIQUE DE LA LOI LOG-PEARSON III

3.1 Calcul des moments non centrés

La fonction caractéristique présentant des difficultés d'intégration, la détermination des moments non centrés est effectuée directement.

Si $\left(\mu'_r \right)_L$ représente le moment non centré d'ordre r de la distribution log-Pearson III, on a:

$$\left(\mu'_r \right)_L = \int_D^{\infty} x^r g(x) dx$$

D est l'intervalle de variation défini en 2.1

$g(x)$ est donné par la relation (8); en posant $\beta = \alpha k$ on a

$$\left(\mu'_r \right)_L = \int_D^{\infty} \frac{|\beta|}{\Gamma(\lambda)} e^{\beta \frac{m}{k}} x^{r-(1+\beta)} \left[\beta \left(\ln x - \frac{m}{k} \right) \right]^{\lambda-1} dx \quad (17)$$

a) Si $(1 - \frac{r}{\beta}) > 0$ c'est à dire si $\beta < 0$ ou $\beta > r > 0$

effectuons le changement $v = \beta \left(\ln x - \frac{m}{k} \right) (1 - \frac{r}{\beta})$

Le domaine de variation de v est D' on a alors:

$$\left(\mu'_r \right)_L = \frac{|\beta|}{\beta} \frac{1}{\Gamma(\lambda)} \frac{e^{mr/k}}{\left(1 - \frac{r}{\beta} \right)^\lambda} \int_{D'}^{\infty} e^{-v} v^{\lambda-1} dv \quad (18)$$

$$\text{Soit } I = \int_{D'}^{\infty} e^{-v} v^{\lambda-1} dv \quad (15)$$

$$\text{Si } \beta < 0 \quad \text{on a} \quad I = \int_{+\infty}^0 e^{-v} v^{\lambda-1} dv = -\Gamma(\lambda)$$

donc:

$$\left(\mu'_r \right)_L = \frac{e^{mr/k}}{\left(1 - \frac{r}{\beta} \right)^\lambda} \quad (19)$$

$$\text{Si } \beta > r > 0 \quad \text{on a} \quad I = \int_0^{+\infty} e^{-v} v^{\lambda-1} dv = \Gamma(\lambda)$$

donc

$$\left(\mu'_r \right)_L = \frac{e^{mr/k}}{\left(1 - \frac{r}{\beta} \right)^\lambda} \quad (20)$$

b) Si $\left(1 - \frac{r}{\beta} \right) < 0$ c'est-à-dire si $0 < \beta < r$ effectuons le changement $v = -\beta (\ln x - \frac{m}{k}) (1 - \frac{r}{\beta})$

on a:

$$\mu'_r = \frac{e^{rm/k}}{\Gamma(\lambda)} \left(\frac{1}{\frac{r}{\beta} - 1} \right)^\lambda \int_0^{+\infty} e^v v^{\lambda-1} dv$$

dans ce cas l'intégrale est divergente et μ'_r n'est pas défini.

c) Si $\beta = \alpha k$ est entier, on peut montrer que pour $r_0 = \beta$

μ'_{r_0} n'est pas défini.

Donc:

Si $\beta = \alpha k < 0$ (c'est-à-dire $\alpha < 0$) les moments non centrés de la distribution log-Pearson III sont toujours définis et sont donnés par:

$$\left(\begin{matrix} \mu' \\ r \end{matrix} \right)_L = \frac{e^{mr/k}}{\left(1 - \frac{r}{\beta} \right)^\lambda}$$

Si $\beta = \alpha k > 0$ (c'est-à-dire $\alpha > 0$) les moments non centrés de la distribution log-Pearson III n'existent que jusqu'à l'ordre $r < \beta = \alpha k$ et l'on a

$$\left(\begin{matrix} \mu' \\ r \end{matrix} \right)_L = \frac{e^{mr/k}}{\left(1 - \frac{r}{\beta} \right)^\lambda}$$

En particulier:

Si $0 < \beta < 1$ la moyenne μ'_1 n'est pas définie

Si $1 < \beta < 2$ μ'_1 est défini, mais μ'_2 ne l'est pas

etc...

Ces moments dépendent du paramètre d'origine m de la distribution Pearson III quel que soit l'ordre considéré.

Dans le cas de la loi log-Gamma ($m = 0$) on a $e^{mr/k} = 1$ et les relations (19) et (20) deviennent

$$\left(\begin{matrix} \mu' \\ r \end{matrix} \right)_{LG} = \frac{1}{\left(1 - \frac{r}{\beta} \right)^\lambda}$$

où $\left(\begin{matrix} \mu' \\ r \end{matrix} \right)_{LG}$ est le moment non centré d'ordre r de la loi log-Gamma

3.2 Relation entre $\left(\mu'_r\right)_L$ et les cumulants de Pearson III

Lorsque $\left(\mu'_r\right)_L$ est défini on a, en prenant le logarithme népérien:

$$\ln \left(\mu'_r\right)_L = \frac{mr}{k} - \lambda \ln \left(1 - \frac{r}{\beta}\right)$$

Si $\frac{r}{|\beta|} < 1$ on peut remplacer $\ln \left(1 - \frac{r}{\beta}\right)$ par son développement:

$$\ln \left(\mu'_r\right)_L = \frac{mr}{k} + \lambda \sum_j \left(\frac{r}{\beta}\right)^j \cdot \frac{1}{j} \quad j = 1, \dots$$

Si l'on fait intervenir les cumulants κ_j de la distribution Pearson III, d'après (4) on peut écrire:

$$\ln \left(\mu'_r\right)_L = \sum_j \frac{1}{j!} \left(\frac{r}{k}\right)^j \kappa_j \quad j = 1, \dots$$

ou encore:

$$\left(\mu'_r\right)_L = e^{\sum_{j=1}^{\infty} \frac{1}{j!} \left(\frac{r}{k}\right)^j \kappa_j} \quad (21)$$

Cette relation présente un intérêt quand $|\beta|$ (donc $|\alpha|$) est grand par rapport à r car alors les cumulants deviennent très petits quand r augmente.

En particulier si $\beta \gg r$

$$\left(\mu'_r\right)_L \approx e^{\frac{r}{k} \kappa_1} = e^{\frac{r}{k} \mu'_1}$$

3.3 Détermination des principaux coefficients de log-Pearson III

Les moments centrés de la loi log-Pearson III, $(\mu_r)_L$ se déduisent des moments non centrés par la relation:

$$(\mu_r)_L = \sum_{j=0}^{j=r} c_r^j (\mu'_{r-j})_L \left[(-\mu'_1)_L \right]^j \quad (22)$$

La connaissance des moments permet de déterminer les principaux coefficients de la loi log-Pearson III

- Coefficient de variation $(c_v)_L$

$$(c_v)_L = \frac{\sqrt{(\mu_2)_L}}{(\mu'_1)_L}$$

on a d'après (22) lorsque les moments sont définis:

$$(\mu_2)_L = e^{2m/k} \left[\frac{1}{\left(1 - \frac{2}{\beta}\right)^\lambda} - \frac{1}{\left(1 - \frac{1}{\beta}\right)^{2\lambda}} \right]$$

$$(c_v)_L = \sqrt{\left[\frac{\left(1 - \frac{1}{\beta}\right)^2}{1 - \frac{2}{\beta}} \right]^\lambda - 1} \quad (23)$$

$(c_v)_L$ dépend de λ et β (donc de α) mais est indépendant de m .

- Coefficient d'asymétrie $\left(C_s \right)_L$

$$\left(C_s \right)_L = \frac{\left(\mu_3 \right)_L}{\left[\left(\mu_2 \right)_L \right]^{3/2}}$$

Le signe de $\left(C_s \right)_L$ est celui de $\left(\mu_3 \right)_L$, l'expression de cette valeur

en fonction de α et λ est compliquée. Il est à remarquer que $\left(C_s \right)_L$ est indépendant de m .

- Coefficient de finesse

$$\left(C_k \right)_L = \frac{\left(\mu_4 \right)_L}{\left[\left(\mu_2 \right)_L \right]^2} - 3$$

Ce coefficient est également indépendant de m

- Variance du coefficient de variation

La variance du coefficient de variation d'un échantillon de taille donnée N est une caractéristique intéressante, on a

$$\text{var } C_v = \frac{C_v^2}{N} \left(\frac{1}{2} + \frac{C_k}{4} + C_v^2 - C_s C_v \right)$$

$\text{var } \left(C_v \right)_L$ ne dépendant que de $\left(C_v \right)_L$, $\left(C_s \right)_L$, $\left(C_h \right)_L$ sera donc

indépendant de m .

Comportement de $(C_v)_L$ et $(C_s)_L$ quand β est élevé

Si l'on considère la relation (21) et si l'on remplace les cumulants κ_j de la loi Pearson III par leurs valeurs (1.2)

$$\frac{(\mu'_r)_L}{e^{rm/k}} = e^{\lambda \left(\frac{r}{\beta} + \frac{r^2}{2\beta^2} + \frac{r^3}{3\beta^3} + \frac{r^4}{4\beta^4} + \dots \right)}$$

Si $|\beta|$ est élevé et si $\frac{\lambda r}{\beta}$ est petit, le coefficient de l'exponentielle est petit et on peut effectuer un développement limité, on obtient pour un développement à l'ordre 4:

$$\frac{(\mu'_r)_L}{e^{rm/k}} = 1 + \frac{\lambda r}{\beta} + \frac{\lambda(\lambda+1)r^2}{2\beta^2} + \frac{\lambda r^3}{6\beta^3} (2+3\lambda+\lambda^2) + \frac{\lambda r^4}{4\beta^4} \left(1 + \frac{11}{6} \lambda + \lambda^2 + \frac{\lambda^3}{6} \right)$$

Pour obtenir le développement de $\left[\frac{(\mu'_r)_L}{e^{rm/k}} \right]^p$, p étant un nombre entier positif, on remplace dans le développement précédent λ par λp .

A partir de la relation (22), il est possible d'obtenir le développement limité à l'ordre 4 des moments centrés de la loi Log Pearson III lorsque $|\beta|$ est élevé, et d'en déduire le développement de $(C_v)_L$ et $(C_s)_L$

Comportement de $(C_v)_L$ quand $|\beta|$ est grand

Quand $|\beta|$ est élevé on obtient:

$$(C_v)_L \sim \frac{\sqrt{\lambda}}{|\beta|} \left(1 + \frac{1}{\beta} \right) \quad (24)$$

La relation (24) montre que lorsque $|\beta|$ est grand:

. Si $\beta > 0$, $(C_v)_L$ tend vers $\frac{\sqrt{\lambda}}{\beta}$ par valeurs supérieures lorsque β croît et que $\left((C_v)_L - \frac{\sqrt{\lambda}}{\beta} \right) \sim \frac{\sqrt{\lambda}}{\beta^2}$

. Si $\beta < 0$, $(C_v)_L$ tend vers $-\frac{\sqrt{\lambda}}{\beta}$ par valeurs inférieures lorsque $|\beta|$ croît, (donc lorsque β décroît) et que

$$\left[(C_v)_L - \left(-\frac{\sqrt{\lambda}}{\beta} \right) \right] \sim -\frac{\sqrt{\lambda}}{\beta^2}$$

La table 2 montre que pour $|\alpha| = 100$ et $k = 1$ c'est-à-dire $|\beta| = 100$, la convergence de $(C_v)_L$ vers sa limite est bonne pour

les différentes valeurs de λ considérées. Dans cette table, la 2^e colonne donne la valeur exacte de la limite, les 4^e et 6^e colonnes donnent les valeurs calculées de $(C_v)_L$ pour différentes

valeurs de λ . Les colonnes 5 et 7 donnent l'écart entre le coefficient de variation calculé et la valeur limite et la table montre

que $\frac{\sqrt{\lambda}}{\beta |\beta|}$ donne une bonne approximation de cet écart.

Comportement de $(C_s)_L$ quand $|\beta|$ est grand

En procédant comme précédemment on peut montrer que lorsque $|\beta|$ est élevé et $\frac{\lambda}{|\beta|}$ petit

$$(C_s)_L \sim \frac{2}{\sqrt{\lambda}} \frac{|\beta|}{\beta} \left(1 + \frac{3}{2} \frac{\lambda+1}{\beta} \right) \quad (25)$$

$$|\alpha| = 100 \quad k = 1 \quad |\beta| = 100$$

λ			$\alpha = \beta = + 100$		$\alpha = \beta = - 100$	
	$\frac{\sqrt{\lambda}}{ \beta }$	$\frac{\sqrt{\lambda}}{\beta^2}$	$(c_v)_L$	$(c_v)_L - \frac{\sqrt{\lambda}}{ \beta }$	$(c_v)_L$	$(c_v)_L - \frac{\sqrt{\lambda}}{ \beta }$
.0625	.0025	2.5×10^{-5}	2.53×10^{-3}	3×10^{-5}	2.48×10^{-3}	-2×10^{-5}
.16	.004	4×10^{-5}	4.04×10^{-3}	4×10^{-5}	3.96×10^{-3}	-4×10^{-5}
1	.01	10^{-4}	1.01×10^{-2}	10^{-4}	$.99 \times 10^{-2}$	-10^{-4}
4	.02	2×10^{-4}	2.02×10^{-2}	2×10^{-4}	1.98×10^{-2}	-2×10^{-4}
25	.05	5×10^{-4}	5.05×10^{-2}	5×10^{-4}	4.95×10^{-2}	-5×10^{-4}
100	.1	10^{-3}	.101	10^{-3}	9.93×10^{-2}	-7×10^{-4}

TABLE 2

VALEUR LIMITE DU COEFFICIENT DE VARIATION DE LA LOI LOG PEARSON III

Donc quand $\frac{\lambda}{|\beta|}$ est petit $\left(c_s\right)_L$ tend vers $\frac{2}{\sqrt{\lambda}} - \frac{|\beta|}{\beta}$,

C'est-à-dire vers le coefficient d'asymétrie de la loi Pearson III.

$$\text{D'autre part } \left[\left(c_s\right)_L - \frac{2}{\sqrt{\lambda}} \frac{|\beta|}{\beta} \right] \sim \frac{3(\lambda+1)}{\sqrt{\lambda}} \frac{|\beta|}{\beta^2} = \frac{3(\lambda+1)}{\sqrt{\lambda} |\beta|} > 0$$

Donc:

Si $\beta > 0$, $\left(c_s\right)_L$ tend par valeurs supérieures vers $c_s = \frac{2}{\sqrt{\lambda}}$

Si $\beta < 0$, $\left(c_s\right)_L$ tend par valeurs supérieures vers $c_s = -\frac{2}{\sqrt{\lambda}}$

La table 3 montre la validité de cette approximation pour $|\beta|=100$, mais quand λ augmente pour $|\beta|$ fixé, l'écart relatif augmente aussi car le rapport $\frac{\lambda}{|\beta|}$ croît.

3.4 Cas particulier de la loi log-Gamma

Pour la loi log.Gamma on a $m=0$, les moments non centrés de cette distribution $\left(\mu'_r\right)_{LG}$ sont:

$$\left(\mu'_r\right)_{LG} = \frac{1}{\left(1 - \frac{r}{\beta}\right)^\lambda} \quad (26)$$

on a donc:

$$\left(\mu'_r\right)_L = e^{mr/k} \left(\mu'_r\right)_{LG} \quad (27)$$

$$|\alpha| = 100 \quad K = 1 \quad |\beta| = 100$$

$$\alpha = \beta = + 100$$

$$\alpha = \beta = - 100$$

λ	$ c_s = \frac{2}{\sqrt{\lambda}}$	$\frac{3(\lambda+1)}{\sqrt{\lambda} \beta }$	$ c_s _L$	$ c_s _L - \frac{2}{\sqrt{\lambda}}$	$ c_s _L$	$ c_s _L - \left(-\frac{2}{\sqrt{\lambda}}\right)$	Ecart relatif $\left(c_s _L - c_s\right)/c_s$
.0625	8	.1275	8.13	.13	-7.88	.12	1.6%
.16	5	.087	5.09	.09	-4.92	.08	1.8%
.4444	3	.065	3.07	.07	-2.94	.06	2.3%
1	2	.06	2.06	.06	-1.94	.06	3%
4	1	.075	1.08	.08	-.927	.073	8%
6.25	.8	.087	.889	.089	-.715	.085	11%
44.44	.3	.204	.51	.21	-.1	.20	67%

TABLE 3 Limite du coefficient d'asymétrie de log-Pearson III

De la même manière on démontre en considérant la relation (22) que l'on a pour les moments centrés par rapport à la moyenne:

$$\left(\mu_r \right)_L = e^{mr/k} \left(\mu_r \right)_{LG} \quad (28)$$

En ce qui concerne les divers coefficients on a:

$$\begin{aligned} \left(C_v \right)_{LG} &= \left(C_v \right)_L \\ \left(C_s \right)_{LG} &= \left(C_s \right)_L \\ \left(C_k \right)_{LG} &= \left(C_k \right)_L \end{aligned} \quad (29)$$

$$\text{var} \left(C_v \right)_{LG} = \text{var} \left(C_v \right)_L$$

3.5 Calcul numérique des moments et coefficients de log Pearson III

Le calcul a été effectué pour $\alpha > 0$ et $\alpha < 0$ dans le cas

- des logarithmes népériens $k = 1$ $\alpha = \beta$
- des logarithmes décimaux $k = \log_{10} e \approx .434$ $\beta = k\alpha$

Dans chacun de ces cas on a considéré les valeurs de λ telles que:

$$\left| C_s \right| = .2, \dots, 1 \quad \text{avec un pas de .1}$$

$$\left| C_s \right| = 1.2, \dots, 3 \quad \text{avec un pas de .2}$$

$$\left| C_s \right| = 3.5, \dots, 9 \quad \text{avec un pas de .5}$$

Pour k et λ fixés on a considéré:

- pour $\alpha > 0$ les valeurs:

$$\begin{array}{ll} \alpha = 2, \dots, 10 & \text{avec un pas de 1} \\ \alpha = 15, \dots, 100 & \text{avec un pas de 5} \end{array}$$

- pour $\alpha < 0$ les valeurs:

$$\alpha = -10^{-3}, \dots, -10^{-2} \quad \text{avec un pas de } 10^{-3}$$

$$\alpha = -2*10^{-2}, \dots, -10^{-1} \quad \text{avec un pas de } 10^{-2}$$

$$\alpha = -2*10^{-1}, \dots, -1 \quad \text{avec un pas de } 10^{-1}$$

$$\alpha = -2, \dots, -10 \quad \text{avec un pas de 1}$$

$$\alpha = -15, \dots, -100 \quad \text{avec un pas de 5}$$

Les tables figurant en annexe donnent pour le cas de la loi log-Gamma:

Les moments $\{\mu'_1\}_{LG}, \{\mu'_2\}_{LG}, \{\mu'_3\}_{LG}, \{\mu'_4\}_{LG}$

Les coefficients $\{C_v\}_{LG}, \{C_s\}_{LG}, \{C_k\}_{LG}$ et $N_{var}\{C_v\}_{LG}$

Pour passer de la loi log-Gamma à la loi log-Pearson III on utilise les relations 27, 28, 29 ce qui dans le cas des moments introduit pour les moments (centrés et non centrés) d'ordre r un coefficient multiplicatif $e^{mr/k}$, et ne modifie rien dans le cas des différents coefficients et de $var\{C_v\}_L$

3.6 Etude de la relation entre $(C_s)_L$ et $(C_v)_L$

A partir des tables figurant en annexe, il est possible de tracer sur un même graphique $(C_s)_L$ en fonction de $(C_v)_L$ on obtient une courbe pour chaque C_s (donc pour chaque λ) et lorsque $\beta = \alpha k$ varie, on se déplace sur la courbe.

La figure 4 montre quelques courbes obtenues pour différentes valeurs de C_s positives et négatives.

La courbe $C_s = 0$, correspond à la loi log normale pour laquelle on a $(C_s)_L^3 = (C_v)_L^3 + 3(C_v)_L$, comme l'ont montré Aitchison et Brown (1957).

Puisque $(C_s)_L$ et $(C_v)_L$ sont indépendants de m , ces courbes sont valables quel que soit m et en particulier pour la loi log. gamma correspondant à $m = 0$.

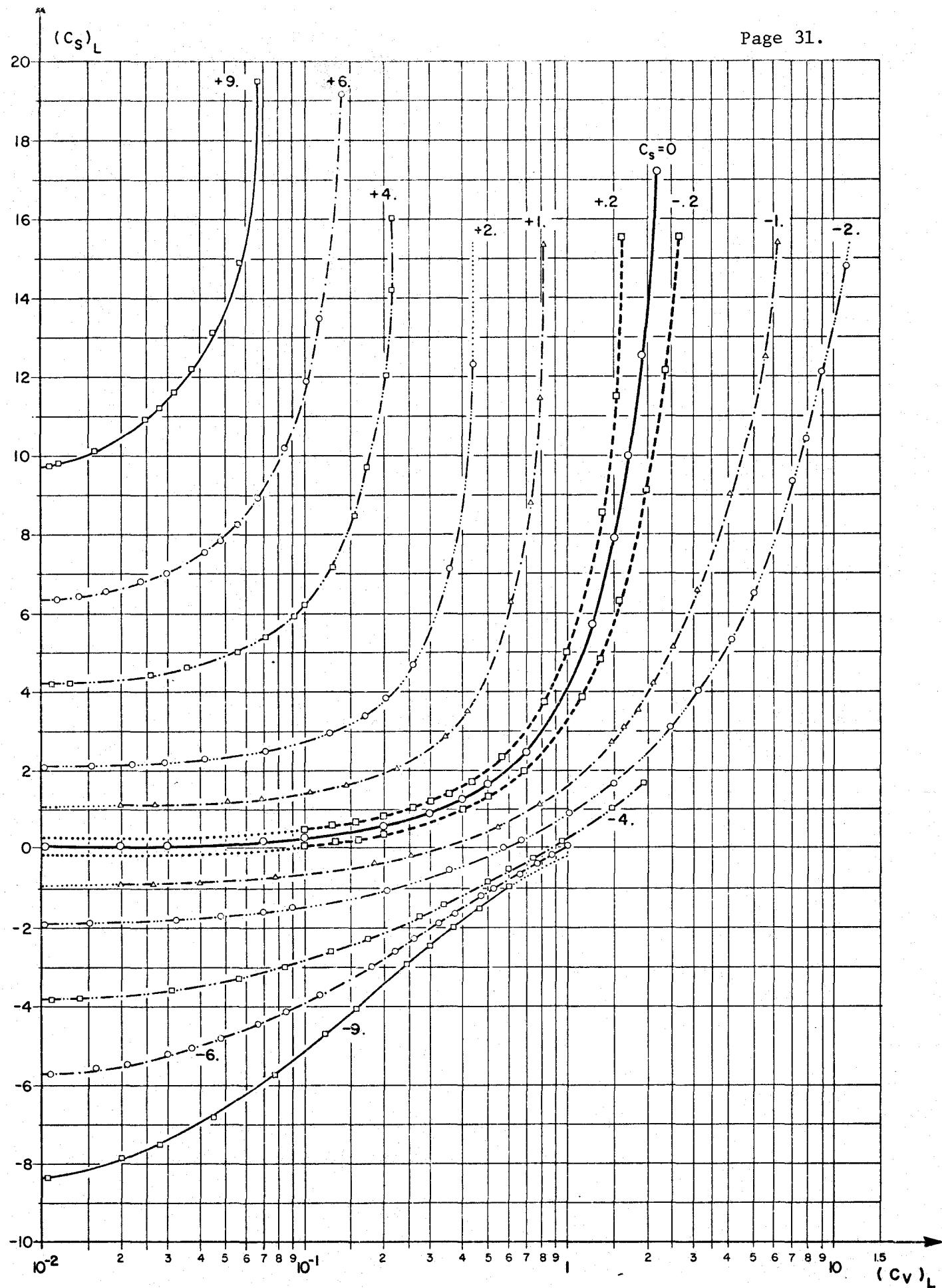
Puisque pour C_s donc λ fixé, on obtient la courbe en faisant varier β , ces courbes sont valables quelle que soit la base de la transformation logarithmique utilisée, donc pour β donné:

si on considère les logarithmes népériens on a:

$$\alpha_{LN} = \beta$$

si on considère les logarithmes décimaux on a:

$$\alpha_{log} = \beta/k \approx 2.303$$

FIGURE 4. Relation entre $(C_s)_L$ et $(C_v)_L$

L'examen de la figure 4 suggère plusieurs remarques:

- . à tout couple (β, λ) donc (α, λ) on peut faire correspondre un couple unique $(C_s)_L$, $(C_v)_L$ et réciproquement, cela montre que pour $(C_s)_L$ et $(C_v)_L$ connus, il est possible de déterminer les valeurs correspondantes de λ et β , donc de λ et α (si la base de la transformation logarithmique est connue);
- . lorsque β croît et λ est fixé, $(C_s)_L$ et $(C_v)_L$ sont des fonctions décroissantes, et $(C_s)_L$ tend asymptotiquement vers C_s , asymétrie de la loi Pearson III correspondant à λ ;
- . le coefficient d'asymétrie $(C_s)_L$ est toujours positif pour $C_s > 0$, (c'est-à-dire α et β positifs) mais peut être positif ou négatif pour $(C_s)_L < 0$ (c'est-à-dire pour α et β négatifs).

Donc la représentation d'une série observée présentant un coefficient d'asymétrie négatif, ne pourra être effectuée que par une loi log Pearson avec $\alpha < 0$

- . Si l'on considère une série de données tirée d'une loi log Pearson III ayant un coefficient d'asymétrie $(C_s)_L$, et que l'on effectue une transformation logarithmique sur les données, le coefficient d'asymétrie de la nouvelle série $(C_s)_L$ est toujours inférieur à $(C_s)_L$.

4. APPLICATIONS

4.1 Généralité de la loi Log-Pearson III

La fonction densité de la loi log-Pearson III peut prendre de très nombreuses formes (figure 3), la figure 4 montre par ailleurs que de manière générale il est possible pour $(C_s)_L$ et $(C_v)_L$ donnés de

trouver une loi log-Pearson III adéquate.

La forme correspondant à $\beta < 0$ (donc à $\alpha < 0$), c'est-à-dire la forme déduite de la loi Pearson III à coefficient d'asymétrie négatif, a un coefficient d'asymétrie $(C_s)_L$ qui peut être positif ou

négatif. L'intervalle de variation de la variable est dans ce cas $(0, e^{m/k})$ et puisqu'en pratique m peut devenir assez grand, cette forme semble très souple.

En ce qui concerne la forme correspondant à $\beta > 0$, $(C_s)_L$ est toujours positif, l'intervalle de variation est $(e^{m/k}, \infty)$ mais dans ce cas les moments ne sont pas toujours définis, cette forme sera donc moins utilisable en pratique.

Cette loi peut donc être très utile pour représenter des séries de données, notamment lorsque le coefficient d'asymétrie de la série est négatif, elle semble préférable à la loi Pearson III, pour laquelle on devrait considérer dans ce cas un intervalle de variation $(-\infty, m)$.

Cependant l'ajustement de cette loi à des sens observés nécessite la connaissance précise de 3 moments.

4.2 Application en hydrologie

La variable considérée (débit) est toujours positive, mais il arrive souvent que le coefficient d'asymétrie de la série soit négatif essentiellement en ce qui concerne les débits de crue ou d'étiage. Pour représenter de telles séries, la loi Pearson III semble peu adéquate en effet:

- . si l'on considère la loi Pearson III à coefficient d'asymétrie négatif l'intervalle de variation ($-\infty, m$) ne correspond pas à celui de la variable observée;
- . la loi Pearson III à coefficient d'asymétrie positif est à rejeter.

Par contre la loi log-Pearson III correspondant à $\alpha < 0$ (ou $\beta < 0$) a un intervalle de variation ($0, e^{m/k}$) qui est donc adéquat et les coefficients α, λ peuvent être ajustés pour que le coefficient d'asymétrie soit négatif. Une restriction peut provenir du fait que la série doit être bornée supérieurement.

La loi log-Gamma correspondant à $\alpha < 0$ à un intervalle de variation ($0, 1$) qui ne peut convenir qu'à des séries représentant des phénomènes particuliers.

Pour les séries dont le coefficient d'asymétrie est positif, la loi Pearson III avec $\alpha > 0$, la loi log-Pearson III (avec $\alpha > 0$ ou $\alpha < 0$) peuvent s'appliquer, le choix entre ces différentes formes sera effectué en considérant la valeur du coefficient de variation et l'intervalle de variation de la variable.

De manière générale cependant, la loi log-Pearson semble plus souple que la loi Pearson III ce qui explique sans doute qu'elle ait été recommandée pour l'étude des crues (Water Resources Council 1967)

L'emploi de la loi log-Pearson III à 3 paramètres a cependant comme la loi Pearson III deux inconvénients majeurs.

- Les coefficients d'asymétrie des séries de services sont généralement entachés de grandes erreurs d'échantillonnage en raison de la petite taille des séries, la précision sur le coefficient d'asymétrie peut cependant être augmentée par régionalisation.
- La méthode du maximum de vraisemblance ne peut s'appliquer car en raison de la présence du paramètre d'origine, l'estimation ne satisfait pas le critère de suffisance.

La méthode des moments applicable peut conduire à des biais importants lorsque le coefficient d'asymétrie est élevé.

L'application de la méthode des moments peut s'effectuer rapidement à l'aide des tables figurant en annexe de la figure 4.

- Connaissant le coefficient d'asymétrie (C_s) et le coefficient de variation (C_v) de la série observée, on peut en déduire C_s , donc λ .
- Lorsque λ est connu, les tables donnent β on en déduit $\alpha = \beta/k$ (k étant relatif à la base des logarithmes).
- La valeur de m est telle que

$$\bar{x} = \frac{e^{m/k}}{\left(1 - \frac{1}{\beta}\right)} \lambda \quad (\bar{x} \text{ moyenne de la série observée})$$

donc $m = k \left[\ln \bar{x} + \lambda \ln \left(1 - \frac{1}{\beta}\right) \right]$

Pour un emploi fréquent de la méthode, il serait utile de:

- compléter la figure 4 en traçant de plus nombreuses courbes pour obtenir une meilleure précision dans la détermination de λ .
- graduer chaque courbe correspondant à λ en fonction de α .

CONCLUSION

Cette étude a permis de préciser les caractéristiques de la loi log-Pearson III tant au point de vue mathématique en étudiant les différentes formes possibles de la fonction densité, qu'au point de vue statistique, en considérant les valeurs théoriques des moments de la loi et en tabulant les valeurs obtenues.

Plusieurs points ont été mis en évidence:

- les moments de la loi log-Pearson III correspondant à $\alpha > 0$ (c'est-à-dire déduite de la loi Pearson III à asymétrie positive) ne sont pas toujours définis;
- le graphique des variations de $(C_s)_L$ en fonction de $(C_v)_L$ montre la grande souplesse de la loi log-Pearson III, ce qui confirme l'étude de la fonction densité de cette loi;
- les tables et les graphiques que l'on peut en déduire permettent une détermination graphique des coefficients de la loi par la méthode des moments.

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NOTATIONS

A fonction intervenant dans l'étude de la dérivée de la fonction densité.

a base des logarithmes

C_v coefficient de variation de la loi Pearson III

$(C_v)_L$ " " " " log-Pearson III

$(C_v)_{LG}$ " " " " log-Gamma

C_s coefficient d'asymétrie de la loi Pearson III

$(C_s)_L$ " " " " log-Pearson III

$(C_s)_{LG}$ " " " " log-Gamma

C_k coefficient de finesse de la loi Pearson III

$C'_k = C_k - 3$ coefficient de finesse réduit de la loi Pearson III

$(C'_k)_L$ " " " " de la loi log-Pearson III

$(C'_k)_{LG}$ " " " " log-Gamma

D, D' intervalles de variation

f() fonction densité de la loi Pearson III

g() " " " " log-Pearson III

g' , g'' dérivées première et seconde de g

$k = \log_a e$ coefficient de changement de base dans les logarithmes

ℓ coefficient

m paramètre d'origine de la loi Pearson III

p coefficient
 \bar{x} moyenne d'une série
 x variable
 x_M valeur modale de la fonction log-Pearson III
 $x_{M,0}$ " " " log-Gamma
 y variable
 t variable de la fonction caractéristique
 T fonction intervenant dans l'étude de g"
 $U = \alpha (k \ln x - m)$
 v variable
 α paramètre de la loi Pearson III
 $\beta = \alpha k$ " "
 $\Gamma(\cdot)$ fonction gamma
 δ discriminant du trinôme T
 Δ intervalle de variation
 κ_j cumulant d'ordre j de la loi Pearson III
 μ'_r moment non centré d'ordre r de la loi Pearson III
 $(\mu'_r)_L$ " " " " log-Pearson III
 $(\mu'_r)_{LG}$ " " " " log-Gamma
 μ_r moment centré d'ordre r par rapport à la moyenne de Pearson III
 $(\mu_r)_L$ " " " " " log-Pearson III
 $(\mu_r)_{LG}$ " " " " " log-Gamma
 $\psi(t)$ fonction caractéristique de la distribution Pearson III

ANNEXE

Les différentes tables donnent les valeurs des moments et coefficients de la loi log-Pearson III, en fonction des paramètres de la loi Pearson III.

Signification des symboles

C(1) = 1	calcul avec les logarithmes népériens
C(2) = Ln 10	calcul avec les logarithmes décimaux
CS1	coefficient d'asymétrie de la loi Pearson III (C_s)
ALBDA	paramètre de la loi Pearson III, λ
ALPHA	paramètre de la loi Pearson III, α
AL/LAM	rapport α/λ
AMNC(1)	moyenne μ'_1 (moment non centré d'ordre 1 de la loi log-Gamma)
AMC(2)	variance μ_2 de la loi log-Gamma
AMC(3)	moment centré par rapport à la moyenne d'ordre 3 de log-Gamma.
AMC(4)	moment centré par rapport à la moyenne d'ordre 4 de log-Gamma.
CVLP	coefficient de variation de log-Gamma (C_v) ou log-Pearson III (C_v) $_{LG}$
CSLP	coefficient d'asymétrie de log-Gamma (C_s) ou log-Pearson III (C_s) $_{LG}$
CKLP	coefficient d'asymétrie de log-Gamma (C'_k) ou log-Pearson III (C'_k) $_{LG}$
VARCV	variance du coefficient de variation de log-Gamma ou log-Pearson III

Les tables donnent les valeurs des coefficients et moments de log-Gamma.

- . Pour $\alpha > 0$ (loi Pearson III à asymétrie positive)
- . Pour $\alpha < 0$ (loi Pearson III à asymétrie négative)

Dans chaque cas on considère que

- . les logarithmes népériens sont distribués suivant Pearson III
- . les logarithmes décimaux sont distribués suivant Pearson III.

Pour différentes valeurs de C_s donc de λ , on fait varier α .

Les calculs sont effectués pour log-Gamma, on en déduit les valeurs correspondantes pour log-Pearson III:

- . les moments sont obtenus à l'aide d'un coefficient multiplicatif;
- . les coefficients de variations, d'asymétrie et de finesse sont les mêmes pour log-Gamma et log-Pearson III.

REMARQUES

Pour $\alpha < 0$ ($CS1 < 0$) les calculs commencent pour la plus petite valeur possible à partir de $\alpha = -.001$ compte tenu des limites de l'ordinateur.

Dans le cas $\alpha > 0$, lorsque les calculs ne sont pas possibles, (les moments n'existant pas), la valeur de la table est 0.

La notation RRRR correspond à une valeur très élevée dépassant la limite permise par l'ordinateur.

ANNEXE

- A) $\alpha > 0$, transformation logarithme népérien
- B) $\alpha > 0$, transformation logarithme décimal
- C) $\alpha < 0$, transformation logarithme népérien
- D) $\alpha < 0$, transformation logarithme décimal

A

$\alpha > 0$, logarithme népérien

C(I)=1.00000

CS1= .20

ALBDA=100.00

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2.000	.200E-01	.127E+31	0.	0.	0.	0.	0.	0.	0.
3.000	.300E-01	.407E+18	.515E+48	0.	0.	.177E+07	0.	0.	0.
4.000	.400E-01	.312E+15	.127E+31	.161E+61	0.	.361E+03	.113E+16	0.	0.
5.000	.500E-01	.491E+10	.153E+23	.622E+40	.789E+70	.252E+02	.329E+07	.338E+26	.535E+28
6.000	.600E-01	.828E+08	.400E+18	.127E+31	.515E+48	.763E+01	.502E+04	.523E+13	.470E+14
7.000	.700E-01	.495E+07	.386E+15	.201E+25	.628E+37	.397E+01	.265E+03	.422E+08	.166E+09
8.000	.800E-01	.630E+06	.272E+13	.253E+21	.127E+31	.262E+01	.563E+02	.171E+06	.292E+06
9.000	.900E-01	.130E+06	.651E+11	.379E+18	.335E+26	.196E+01	.228E+02	.789E+04	.740E+04
10.000	.100E+00	.376E+05	.349E+10	.264E+16	.149E+23	.157E+01	.128E+02	.122E+04	.707E+03
15.000	.150E+00	.992E+03	.657E+06	.198E+10	.168E+14	.817E+00	.372E+01	.560E+02	.475E+01
20.000	.200E+00	.169E+03	.912E+04	.199E+07	.119E+10	.565E+00	.229E+01	.113E+02	.751E+00
25.000	.250E+00	.593E+02	.667E+03	.294E+05	.396E+07	.436E+00	.171E+01	.591E+01	.270E+00
30.000	.300E+00	.297E+02	.111E+03	.163E+04	.841E+05	.355E+00	.139E+01	.580E+01	.137E+00
35.000	.350E+00	.182E+02	.298E+02	.192E+03	.507E+04	.301E+00	.118E+01	.272E+01	.827E-01
40.000	.400E+00	.126E+02	.108E+02	.367E+02	.588E+03	.261E+00	.104E+01	.208E+01	.556E-01
45.000	.450E+00	.946E+01	.475E+01	.968E+01	.105E+03	.230E+00	.936E+00	.167E+01	.401E-01
50.000	.500E+00	.754E+01	.242E+01	.321E+01	.257E+02	.206E+00	.854E+00	.139E+01	.303E-01
55.000	.550E+00	.626E+01	.137E+01	.126E+01	.784E+01	.187E+00	.789E+00	.118E+01	.238E-01
60.000	.600E+00	.537E+01	.840E+00	.567E+00	.284E+01	.171E+00	.736E+00	.102E+01	.192E-01
65.000	.650E+00	.471E+01	.549E+00	.282E+00	.118E+01	.157E+00	.692E+00	.903E+00	.159E-01
70.000	.700E+00	.422E+01	.377E+00	.152E+00	.542E+00	.146E+00	.655E+00	.806E+00	.133E-01
75.000	.750E+00	.383E+01	.270E+00	.874E-01	.272E+00	.136E+00	.623E+00	.728E+00	.114E-01
80.000	.800E+00	.352E+01	.200E+00	.532E-01	.146E+00	.127E+00	.595E+00	.663E+00	.979E-02
85.000	.850E+00	.327E+01	.152E+00	.339E-01	.836E-01	.119E+00	.570E+00	.609E+00	.854E-02
90.000	.900E+00	.306E+01	.119E+00	.225E-01	.502E-01	.115E+00	.549E+00	.563E+00	.752E-02
95.000	.950E+00	.288E+01	.945E-01	.154E-01	.315E-01	.107E+00	.530E+00	.523E+00	.667E-02
100.000	.100E+01	.273E+01	.765E-01	.109E-01	.204E-01	.101E+00	.513E+00	.489E+00	.596E-02

C(I)=1.00000

CS1= .30

ALBDA= 44,44

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2.000	.450E-01	.239E+14	0.	0.	0.	0.	0.	0.	0.
3.000	.675E-01	.670E+08	.160E+22	0.	0.	.598E+03	0.	0.	0.
4.000	.900E-01	.357E+06	.238E+14	.573E+27	0.	.137E+02	.493E+07	0.	0.
5.000	.112E+00	.203E+05	.683E+10	.485E+18	.116E+32	.408E+01	.859E+03	.249E+12	.103E+13
6.000	.135E+00	.330E+04	.561E+08	.233E+14	.160E+22	.227E+01	.556E+02	.510E+06	.654E+06
7.000	.157E+00	.945E+03	.223E+07	.562E+11	.224E+17	.158E+01	.169E+02	.450E+04	.275E+04
8.000	.180E+00	.378E+03	.214E+06	.883E+09	.224E+14	.122E+01	.890E+01	.485E+03	.168E+03
9.000	.202E+00	.188E+03	.357E+05	.403E+08	.182E+12	.101E+01	.597E+01	.140E+03	.309E+02
10.000	.225E+00	.108E+03	.861E+04	.361E+07	.494E+10	.858E+00	.453E+01	.637E+02	.979E+01
15.000	.337E+00	.215E+02	.118E+03	.282E+04	.190E+06	.505E+00	.221E+01	.107E+02	.593E+00
20.000	.450E+00	.977E+01	.125E+02	.695E+02	.125E+04	.362E+00	.157E+01	.499E+01	.172E+00
25.000	.562E+00	.614E+01	.302E+01	.660E+01	.558E+02	.283E+00	.125E+01	.310E+01	.803E-01
30.000	.675E+00	.451E+01	.111E+01	.124E+01	.637E+01	.233E+00	.107E+01	.222E+01	.466E-01
35.000	.787E+00	.363E+01	.516E+00	.350E+00	.125E+01	.198E+00	.944E+00	.171E+01	.306E-01
40.000	.900E+00	.308E+01	.282E+00	.128E+00	.348E+00	.172E+00	.855E+00	.139E+01	.217E-01
45.000	.101E+01	.272E+01	.171E+00	.558E-01	.122E+00	.152E+00	.788E+00	.117E+01	.162E-01
50.000	.112E+01	.245E+01	.113E+00	.278E-01	.509E-01	.137E+00	.735E+00	.102E+01	.126E-01
55.000	.124E+01	.226E+01	.785E-01	.152E-01	.240E-01	.124E+00	.693E+00	.899E+00	.100E-01
60.000	.135E+01	.211E+01	.572E-01	.902E-02	.125E-01	.113E+00	.658E+00	.807E+00	.822E-02
65.000	.146E+01	.199E+01	.433E-01	.567E-02	.700E-02	.104E+00	.629E+00	.734E+00	.686E-02
70.000	.157E+01	.190E+01	.337E-01	.374E-02	.417E-02	.968E-01	.605E+00	.675E+00	.581E-02
75.000	.169E+01	.182E+01	.269E-01	.257E-02	.262E-02	.903E-01	.583E+00	.625E+00	.499E-02
80.000	.180E+01	.175E+01	.219E-01	.183E-02	.171E-02	.845E-01	.565E+00	.584E+00	.433E-02
85.000	.191E+01	.169E+01	.181E-01	.134E-02	.116E-02	.795E-01	.549E+00	.549E+00	.379E-02
90.000	.202E+01	.164E+01	.152E-01	.100E-02	.812E-03	.750E-01	.535E+00	.519E+00	.335E-02
95.000	.214E+01	.160E+01	.129E-01	.766E-03	.583E-03	.710E-01	.522E+00	.493E+00	.298E-02
100.000	.225E+01	.156E+01	.111E-01	.597E-03	.428E-03	.674E-01	.510E+00	.470E+00	.267E-02

A

2,

C(I)=1.00000

CS1= .40

ALBDA= 25.00

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.800E+01	.336E+08	0,	0,	0,	0,	0,	0,	0,
3,000	.120E+00	.253E+05	.847E+12	0,	0,	.364E+02	0,	0,	0,
4,000	.160E+00	.133E+04	.318E+08	.113E+16	0,	.424E+01	.628E+04	0,	0,
5,000	.200E+00	.265E+03	.282E+06	.864E+10	.298E+18	.201E+01	.578E+02	.376E+07	.377E+07
6,000	.240E+00	.954E+02	.162E+05	.281E+08	.836E+12	.133E+01	.137E+02	.320E+04	.139E+04
7,000	.280E+00	.472E+02	.227E+04	.764E+06	.140E+10	.101E+01	.704E+01	.268E+03	.628E+02
8,000	.320E+00	.282E+02	.555E+03	.592E+05	.237E+08	.821E+00	.478E+01	.798E+02	.116E+02
9,000	.360E+00	.190E+02	.174E+03	.846E+04	.126E+07	.695E+00	.368E+01	.385E+02	.388E+01
10,000	.400E+00	.139E+02	.707E+02	.180E+04	.131E+06	.603E+00	.303E+01	.233E+02	.177E+01
15,000	.600E+00	.561E+01	.430E+01	.157E+02	.175E+03	.369E+00	.176E+01	.651E+01	.220E+00
20,000	.800E+00	.361E+01	.933E+00	.120E+01	.569E+01	.268E+00	.153E+01	.354E+01	.789E+01
25,000	.100E+01	.277E+01	.342E+00	.222E+00	.632E+00	.211E+00	.111E+01	.241E+01	.405E+01
30,000	.120E+01	.233E+01	.164E+00	.652E-01	.131E+00	.174E+00	.978E+00	.183E+01	.247E+01
35,000	.140E+01	.206E+01	.932E-01	.252E-01	.389E-01	.148E+00	.887E+00	.148E+01	.167E+01
40,000	.160E+01	.188E+01	.588E-01	.117E-01	.147E-01	.129E+00	.820E+00	.126E+01	.120E+01
45,000	.180E+01	.175E+01	.400E-01	.616E-02	.655E-02	.114E+00	.770E+00	.110E+01	.910E+02
50,000	.200E+01	.166E+01	.287E-01	.356E-02	.329E-02	.102E+00	.731E+00	.980E+00	.713E+02
55,000	.220E+01	.158E+01	.216E-01	.221E-02	.181E-02	.928E-01	.699E+00	.890E+00	.574E+02
60,000	.240E+01	.152E+01	.167E-01	.145E-02	.107E-02	.849E-01	.672E+00	.819E+00	.472E+02
65,000	.260E+01	.147E+01	.133E-01	.997E-03	.665E-03	.782E-01	.651E+00	.761E+00	.395E+02
70,000	.280E+01	.143E+01	.108E-01	.710E-03	.434E-03	.726E-01	.632E+00	.714E+00	.336E+02
75,000	.300E+01	.140E+01	.895E-02	.522E-03	.295E-03	.676E-01	.616E+00	.674E+00	.289E+02
80,000	.320E+01	.137E+01	.753E-02	.393E-03	.206E-03	.634E-01	.602E+00	.640E+00	.251E+02
85,000	.340E+01	.134E+01	.641E-02	.303E-03	.149E-03	.596E-01	.589E+00	.612E+00	.221E+02
90,000	.360E+01	.132E+01	.553E-02	.238E-03	.110E-03	.562E-01	.579E+00	.587E+00	.195E+02
95,000	.380E+01	.130E+01	.481E-02	.190E-03	.825E-04	.532E-01	.569E+00	.565E+00	.174E+02
100,000	.400E+01	.129E+01	.422E-02	.154E-03	.632E-04	.505E-01	.560E+00	.545E+00	.156E+02

C(I)=1,00000

CS1= .50

ALBDA= 16,00

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.125E+00	.655E+05	0.	0.	0.	0.	0.	0.	0.
3,000	.187E+00	.657E+03	.426E+08	0.	0.	.994E+01	0.	0.	0.
4,000	.250E+00	.998E+02	.556E+05	.428E+10	0.	.236E+01	.326E+03	0.	0.
5,000	.312E+00	.355E+02	.228E+04	.204E+07	.152E+12	.134E+01	.187E+02	.292E+05	.132E+05
6,000	.375E+00	.185E+02	.315E+03	.417E+05	.392E+08	.960E+00	.747E+01	.392E+03	.850E+02
7,000	.437E+00	.118E+02	.790E+02	.331E+04	.531E+06	.755E+00	.471E+01	.820E+02	.103E+02
8,000	.500E+00	.847E+01	.280E+02	.525E+03	.305E+05	.625E+00	.353E+01	.359E+02	.299E+01
9,000	.562E+00	.658E+01	.124E+02	.126E+03	.371E+04	.535E+00	.288E+01	.211E+02	.129E+01
10,000	.625E+00	.540E+01	.640E+01	.401E+02	.713E+03	.469E+00	.247E+01	.144E+02	.694E+00
15,000	.937E+00	.302E+01	.776E+00	.108E+01	.488E+01	.292E+00	.158E+01	.511E+01	.120E+00
20,000	.125E+01	.227E+01	.234E+00	.142E+00	.333E+00	.213E+00	.125E+01	.306E+01	.474E+01
25,000	.156E+01	.192E+01	.104E+00	.362E+01	.565E+01	.168E+00	.108E+01	.221E+01	.254E+01
30,000	.187E+01	.172E+01	.569E+01	.131E+01	.154E+01	.139E+00	.969E+00	.176E+01	.159E+01
35,000	.219E+01	.159E+01	.353E+01	.593E+02	.557E+02	.118E+00	.896E+00	.148E+01	.109E+01
40,000	.250E+01	.150E+01	.238E+01	.309E+02	.243E+02	.103E+00	.842E+00	.129E+01	.791E+02
45,000	.281E+01	.143E+01	.170E+01	.178E+02	.121E+02	.911E+01	.802E+00	.116E+01	.602E+02
50,000	.312E+01	.138E+01	.128E+01	.111E+02	.661E+03	.818E+01	.770E+00	.106E+01	.474E+02
55,000	.344E+01	.134E+01	.990E+02	.732E+03	.390E+03	.742E+01	.744E+00	.980E+00	.383E+02
60,000	.375E+01	.131E+01	.789E+02	.506E+03	.244E+03	.679E+01	.722E+00	.917E+00	.316E+02
65,000	.406E+01	.128E+01	.643E+02	.363E+03	.160E+03	.626E+01	.704E+00	.866E+00	.265E+02
70,000	.437E+01	.126E+01	.534E+02	.269E+03	.109E+03	.580E+01	.689E+00	.824E+00	.225E+02
75,000	.469E+01	.124E+01	.450E+02	.204E+03	.766E+04	.541E+01	.676E+00	.788E+00	.194E+02
80,000	.500E+01	.122E+01	.384E+02	.158E+03	.554E+04	.507E+01	.665E+00	.758E+00	.169E+02
85,000	.531E+01	.121E+01	.332E+02	.125E+03	.410E+04	.476E+01	.655E+00	.731E+00	.148E+02
90,000	.562E+01	.120E+01	.289E+02	.100E+03	.310E+04	.450E+01	.646E+00	.708E+00	.131E+02
95,000	.594E+01	.118E+01	.254E+02	.818E+04	.239E+04	.426E+01	.638E+00	.688E+00	.117E+02
100,000	.625E+01	.117E+01	.225E+02	.675E+04	.186E+04	.404E+01	.631E+00	.670E+00	.105E+02

C(1)=1,00000

CS1= .60

ALBDA= 11,11

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.180E+00	.221E+04	0,	0,	0,	0,	0,	0,	0,
3,000	.270E+00	.905E+02	.192E+06	0,	0,	.484E+01	0,	0,	0,
4,000	.360E+00	.244E+02	.161E+04	.476E+07	0,	.164E+01	.734E+02	0,	0,
5,000	.450E+00	.119E+02	.149E+03	.194E+05	.573E+08	.102E+01	.106E+02	.257E+04	.663E+03
6,000	.540E+00	.758E+01	.330E+02	.103E+04	.154E+06	.758E+00	.541E+01	.139E+03	.182E+02
7,000	.630E+00	.554E+01	.113E+02	.143E+03	.606E+04	.606E+00	.377E+01	.444E+02	.356E+01
8,000	.720E+00	.441E+01	.501E+01	.334E+02	.661E+03	.507E+00	.299E+01	.234E+02	.131E+01
9,000	.810E+00	.370E+01	.262E+01	.107E+02	.125E+03	.437E+00	.252E+01	.152E+02	.648E+00
10,000	.900E+00	.322E+01	.154E+01	.422E+01	.333E+02	.385E+00	.221E+01	.111E+02	.379E+00
15,000	.135E+01	.215E+01	.271E+00	.212E+00	.556E+00	.242E+00	.151E+01	.457E+01	.782E-01
20,000	.180E+01	.177E+01	.979E-01	.378E-01	.569E-01	.177E+00	.124E+01	.294E+01	.328E-01
25,000	.225E+01	.157E+01	.483E-01	.116E-01	.122E-01	.140E+00	.109E+01	.223E+01	.180E-01
30,000	.270E+01	.146E+01	.283E-01	.475E-02	.386E-02	.115E+00	.100E+01	.183E+01	.114E-01
35,000	.315E+01	.138E+01	.184E-01	.234E-02	.155E-02	.983E-01	.937E+00	.159E+01	.786E-02
40,000	.360E+01	.132E+01	.129E-01	.130E-02	.732E-03	.856E-01	.892E+00	.142E+01	.576E-02
45,000	.405E+01	.128E+01	.949E-02	.792E-03	.386E-03	.759E-01	.857E+00	.129E+01	.440E-02
50,000	.450E+01	.125E+01	.727E-02	.514E-03	.222E-03	.681E-01	.830E+00	.120E+01	.347E-02
55,000	.495E+01	.123E+01	.574E-02	.351E-03	.136E-03	.618E-01	.808E+00	.113E+01	.281E-02
60,000	.540E+01	.121E+01	.465E-02	.250E-03	.878E-04	.565E-01	.790E+00	.107E+01	.232E-02
65,000	.585E+01	.119E+01	.383E-02	.184E-03	.591E-04	.521E-01	.775E+00	.102E+01	.195E-02
70,000	.630E+01	.117E+01	.322E-02	.139E-03	.412E-04	.483E-01	.762E+00	.981E+00	.166E-02
75,000	.675E+01	.116E+01	.274E-02	.107E-03	.296E-04	.451E-01	.751E+00	.947E+00	.143E-02
80,000	.720E+01	.115E+01	.236E-02	.848E-04	.218E-04	.422E-01	.741E+00	.918E+00	.125E-02
85,000	.765E+01	.114E+01	.205E-02	.680E-04	.164E-04	.397E-01	.732E+00	.893E+00	.110E-02
90,000	.810E+01	.113E+01	.180E-02	.553E-04	.125E-04	.375E-01	.725E+00	.870E+00	.971E-03
95,000	.855E+01	.112E+01	.159E-02	.456E-04	.976E-05	.355E-01	.718E+00	.851E+00	.866E-03
100,000	.900E+01	.112E+01	.142E-02	.380E-04	.771E-05	.337E-01	.712E+00	.834E+00	.778E-03

		C(1)=1.00000		CSI= .70		ALBDA= 8.16				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
2,000	.245E+00	.287E+03	0,	0,	0,	0,	0,	0,	0,	
3,000	.367E+00	.274E+02	.710E+04	0,	0,	.308E+01	0,	0,	0,	
4,000	.490E+00	.105E+02	.177E+03	.755E+05	0,	.127E+01	.320E+02	0,	0,	
5,000	.612E+00	.618E+01	.265E+02	.104E+04	.475E+06	.833E+00	.765E+01	.673E+03	.113E+03	
6,000	.735E+00	.443E+01	.776E+01	.966E+02	.484E+04	.629E+00	.447E+01	.774E+02	.689E+01	
7,000	.857E+00	.352E+01	.320E+01	.190E+02	.351E+03	.508E+00	.331E+01	.312E+02	.178E+01	
8,000	.980E+00	.297E+01	.162E+01	.559E+01	.558E+02	.428E+00	.271E+01	.182E+02	.748E+00	
9,000	.110E+01	.262E+01	.939E+00	.212E+01	.137E+02	.370E+00	.234E+01	.126E+02	.401E+00	
10,000	.122E+01	.236E+01	.596E+00	.960E+00	.447E+01	.327E+00	.208E+01	.957E+01	.247E+00	
15,000	.184E+01	.176E+01	.132E+00	.712E-01	.128E+00	.206E+00	.149E+01	.441E+01	.570E-01	
20,000	.245E+01	.152E+01	.529E-01	.153E-01	.168E-01	.151E+00	.126E+01	.299E+01	.247E-01	
25,000	.306E+01	.140E+01	.278E-01	.525E-02	.414E-02	.120E+00	.113E+01	.235E+01	.138E-01	
30,000	.367E+01	.132E+01	.170E-01	.233E-02	.144E-02	.988E-01	.105E+01	.199E+01	.881E-02	
35,000	.429E+01	.127E+01	.114E-01	.121E-02	.616E-03	.842E-01	.997E+00	.176E+01	.611E-02	
40,000	.490E+01	.123E+01	.814E-02	.703E-03	.304E-03	.734E-01	.957E+00	.160E+01	.449E-02	
45,000	.551E+01	.120E+01	.610E-02	.442E-03	.167E-03	.650E-01	.927E+00	.148E+01	.344E-02	
50,000	.612E+01	.118E+01	.474E-02	.294E-03	.985E-04	.584E-01	.903E+00	.139E+01	.272E-02	
55,000	.674E+01	.116E+01	.378E-02	.206E-03	.618E-04	.530E-01	.884E+00	.132E+01	.220E-02	
60,000	.735E+01	.115E+01	.309E-02	.149E-03	.407E-04	.485E-01	.868E+00	.126E+01	.182E-02	
65,000	.796E+01	.113E+01	.257E-02	.111E-03	.278E-04	.447E-01	.854E+00	.122E+01	.153E-02	
70,000	.857E+01	.112E+01	.217E-02	.852E-04	.197E-04	.414E-01	.843E+00	.118E+01	.131E-02	
75,000	.919E+01	.112E+01	.186E-02	.667E-04	.143E-04	.386E-01	.833E+00	.114E+01	.113E-02	
80,000	.980E+01	.111E+01	.161E-02	.531E-04	.106E-04	.362E-01	.824E+00	.112E+01	.982E-03	A
85,000	.104E+02	.110E+01	.140E-02	.430E-04	.807E-05	.340E-01	.817E+00	.109E+01	.864E-03	
90,000	.110E+02	.110E+01	.124E-02	.353E-04	.623E-05	.321E-01	.810E+00	.107E+01	.765E-03	
95,000	.116E+02	.109E+01	.110E-02	.293E-04	.489E-05	.304E-01	.804E+00	.105E+01	.683E-03	
100,000	.122E+02	.109E+01	.982E-03	.246E-04	.389E-05	.289E-01	.799E+00	.103E+01	.613E-03	

C(1)=1.00000

CS1= .80

ALBDA= 6.25

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
2.000	.320E+00	.761E+02	0.	0.	0.	0.	0.	0.	0.
3.000	.480E+00	.126E+02	.801E+03	0.	0.	.224E+01	0.	0.	0.
4.000	.640E+00	.604E+01	.397E+02	.485E+04	0.	.104E+01	.194E+02	0.	0.
5.000	.800E+00	.403E+01	.808E+01	.144E+03	.200E+05	.705E+00	.625E+01	.303E+03	.359E+02
6.000	.960E+00	.313E+01	.284E+01	.190E+02	.461E+03	.539E+00	.397E+01	.541E+02	.354E+01
7.000	.112E+01	.262E+01	.132E+01	.464E+01	.491E+02	.439E+00	.305E+01	.251E+02	.108E+01
8.000	.128E+01	.230E+01	.730E+00	.160E+01	.999E+01	.371E+00	.256E+01	.157E+02	.498E+00
9.000	.144E+01	.209E+01	.451E+00	.680E+00	.292E+01	.322E+00	.225E+01	.114E+02	.282E+00
10.000	.160E+01	.193E+01	.301E+00	.336E+00	.108E+01	.284E+00	.203E+01	.889E+01	.180E+00
15.000	.240E+01	.154E+01	.770E-01	.323E-01	.441E-01	.180E+00	.151E+01	.445E+01	.445E-01
20.000	.320E+01	.138E+01	.332E-01	.788E-02	.678E-02	.132E+00	.130E+01	.315E+01	.198E-01
25.000	.400E+01	.129E+01	.182E-01	.292E-02	.184E-02	.104E+00	.119E+01	.255E+01	.112E-01
30.000	.480E+01	.124E+01	.114E-01	.136E-02	.676E-03	.864E-01	.112E+01	.220E+01	.718E-02
35.000	.560E+01	.120E+01	.779E-02	.735E-03	.302E-03	.736E-01	.107E+01	.198E+01	.500E-02
40.000	.640E+01	.117E+01	.565E-02	.439E-03	.154E-03	.642E-01	.103E+01	.182E+01	.368E-02
45.000	.720E+01	.115E+01	.428E-02	.282E-03	.864E-04	.569E-01	.101E+01	.171E+01	.282E-02
50.000	.800E+01	.113E+01	.336E-02	.191E-03	.520E-04	.511E-01	.983E+00	.162E+01	.224E-02
55.000	.880E+01	.112E+01	.270E-02	.135E-03	.332E-04	.463E-01	.966E+00	.155E+01	.181E-02
60.000	.960E+01	.111E+01	.222E-02	.994E-04	.221E-04	.424E-01	.951E+00	.149E+01	.150E-02
65.000	.104E+02	.110E+01	.185E-02	.750E-04	.153E-04	.391E-01	.939E+00	.145E+01	.126E-02
70.000	.112E+02	.109E+01	.157E-02	.579E-04	.109E-04	.362E-01	.929E+00	.141E+01	.108E-02
75.000	.120E+02	.109E+01	.135E-02	.457E-04	.798E-05	.338E-01	.920E+00	.138E+01	.930E-03
80.000	.128E+02	.108E+01	.117E-02	.366E-04	.598E-05	.317E-01	.912E+00	.135E+01	.810E-03
85.000	.136E+02	.108E+01	.103E-02	.298E-04	.456E-05	.298E-01	.906E+00	.132E+01	.713E-03
90.000	.144E+02	.107E+01	.908E-03	.246E-04	.354E-05	.281E-01	.899E+00	.130E+01	.632E-03
95.000	.152E+02	.107E+01	.808E-03	.205E-04	.279E-05	.266E-01	.894E+00	.128E+01	.564E-03
100.000	.160E+02	.106E+01	.723E-03	.173E-04	.223E-05	.253E-01	.889E+00	.126E+01	.506E-03

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C(1)=1,00000

CS1= .90

ALBDA= 4,94

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2.000	.405E+00	.307E+02	0.	0.	0.	0.	0.	0.	0.
3.000	.607E+00	.741E+01	.172E+03	0.	0.	.177E+01	0.	0.	0.
4.000	.810E+00	.414E+01	.135E+02	.701E+03	0.	.888E+00	.141E+02	0.	0.
5.000	.101E+01	.301E+01	.340E+01	.343E+02	.215E+04	.613E+00	.547E+01	.183E+03	.162E+02
6.000	.121E+01	.246E+01	.135E+01	.578E+01	.844E+02	.473E+00	.368E+01	.432E+02	.218E+01
7.000	.142E+01	.214E+01	.684E+00	.165E+01	.117E+02	.386E+00	.291E+01	.220E+02	.750E+00
8.000	.162E+01	.193E+01	.401E+00	.631E+00	.281E+01	.327E+00	.249E+01	.145E+02	.366E+00
9.000	.182E+01	.179E+01	.259E+00	.291E+00	.924E+00	.284E+00	.221E+01	.108E+02	.214E+00
10.000	.202E+01	.168E+01	.179E+00	.153E+00	.374E+00	.252E+00	.202E+01	.865E+01	.140E+00
15.000	.304E+01	.141E+01	.506E+01	.177E+01	.195E+01	.160E+00	.155E+01	.461E+01	.366E+01
20.000	.405E+01	.129E+01	.229E+01	.472E+02	.335E+02	.117E+00	.136E+01	.339E+01	.166E+01
25.000	.506E+01	.122E+01	.129E+01	.184E+02	.965E+03	.928E+01	.126E+01	.280E+01	.942E+02
30.000	.607E+01	.118E+01	.824E+02	.891E+03	.371E+03	.768E+01	.119E+01	.247E+01	.607E+02
35.000	.709E+01	.115E+01	.570E+02	.494E+03	.171E+03	.654E+01	.115E+01	.225E+01	.424E+02
40.000	.810E+01	.113E+01	.418E+02	.301E+03	.888E+04	.570E+01	.111E+01	.209E+01	.313E+02
45.000	.911E+01	.112E+01	.319E+02	.196E+03	.506E+04	.505E+01	.109E+01	.198E+01	.241E+02
50.000	.101E+02	.110E+01	.251E+02	.135E+03	.309E+04	.454E+01	.107E+01	.189E+01	.191E+02
55.000	.111E+02	.109E+01	.203E+02	.964E+04	.199E+04	.412E+01	.105E+01	.182E+01	.155E+02
60.000	.121E+02	.109E+01	.168E+02	.713E+04	.134E+04	.377E+01	.104E+01	.176E+01	.128E+02
65.000	.132E+02	.108E+01	.141E+02	.542E+04	.932E+05	.347E+01	.103E+01	.171E+01	.108E+02
70.000	.142E+02	.107E+01	.120E+02	.422E+04	.669E+05	.322E+01	.102E+01	.167E+01	.920E+03
75.000	.152E+02	.107E+01	.103E+02	.334E+04	.493E+05	.300E+01	.101E+01	.164E+01	.795E+03
80.000	.162E+02	.106E+01	.896E+03	.269E+04	.371E+05	.281E+01	.100E+01	.161E+01	.693E+03
85.000	.172E+02	.106E+01	.787E+03	.220E+04	.284E+05	.265E+01	.997E+00	.159E+01	.610E+03
90.000	.182E+02	.106E+01	.696E+03	.182E+04	.221E+05	.250E+01	.992E+00	.156E+01	.541E+03
95.000	.192E+02	.105E+01	.621E+03	.153E+04	.175E+05	.236E+01	.987E+00	.154E+01	.483E+03
100.000	.202E+02	.105E+01	.557E+03	.129E+04	.140E+05	.225E+01	.982E+00	.153E+01	.453E+03

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		C(I)=1.00000		CS1= 1.00		ALBDA= 4.00				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
2.000	.500E+00	.160E+02	0.	0.	0.	0.	0.	0.	0.	
3.000	.750E+00	.506E+01	.554E+02	0.	0.	.147E+01	0.	0.	0.	
4.000	.100E+01	.316E+01	.601E+01	.167E+03	0.	.776E+00	.114E+02	0.	0.	
5.000	.125E+01	.244E+01	.176E+01	.117E+02	.413E+03	.543E+00	.501E+01	.131E+03	.908E+01	
6.000	.150E+01	.207E+01	.763E+00	.234E+01	.234E+02	.421E+00	.351E+01	.373E+02	.151E+01	
7.000	.175E+01	.185E+01	.409E+00	.745E+00	.391E+01	.345E+00	.284E+01	.203E+02	.563E+00	
8.000	.200E+01	.171E+01	.250E+00	.308E+00	.106E+01	.293E+00	.246E+01	.139E+02	.287E+00	
9.000	.225E+01	.160E+01	.167E+00	.151E+00	.379E+00	.255E+00	.222E+01	.106E+02	.173E+00	
10.000	.250E+01	.152E+01	.118E+00	.831E-01	.163E+00	.226E+00	.204E+01	.866E+01	.115E+00	
15.000	.375E+01	.132E+01	.359E-01	.109E-01	.102E-01	.144E+00	.161E+01	.488E+01	.312E-01	
20.000	.500E+01	.123E+01	.168E-01	.312E-02	.189E-02	.106E+00	.143E+01	.368E+01	.143E-01	
25.000	.625E+01	.118E+01	.967E-02	.127E-02	.571E-03	.835E-01	.133E+01	.511E+01	.818E-02	
30.000	.750E+01	.115E+01	.626E-02	.630E-03	.226E-03	.691E-01	.127E+01	.277E+01	.529E-02	
35.000	.875E+01	.112E+01	.437E-02	.356E-03	.106E-03	.589E-01	.123E+01	.255E+01	.371E-02	
40.000	.100E+02	.111E+01	.323E-02	.220E-03	.561E-04	.513E-01	.120E+01	.240E+01	.274E-02	
45.000	.112E+02	.109E+01	.248E-02	.145E-03	.324E-04	.455E-01	.118E+01	.228E+01	.211E-02	
50.000	.125E+02	.108E+01	.196E-02	.101E-03	.199E-04	.408E-01	.116E+01	.219E+01	.167E-02	
55.000	.137E+02	.108E+01	.159E-02	.725E-04	.129E-04	.371E-01	.114E+01	.212E+01	.136E-02	
60.000	.150E+02	.107E+01	.132E-02	.539E-04	.876E-05	.339E-01	.113E+01	.206E+01	.112E-02	
65.000	.162E+02	.106E+01	.111E-02	.412E-04	.614E-05	.313E-01	.112E+01	.201E+01	.947E-03	
70.000	.175E+02	.106E+01	.943E-03	.322E-04	.442E-05	.290E-01	.111E+01	.197E+01	.809E-03	
75.000	.187E+02	.106E+01	.814E-03	.256E-04	.327E-05	.270E-01	.110E+01	.194E+01	.698E-03	
80.000	.200E+02	.105E+01	.709E-03	.207E-04	.247E-05	.253E-01	.110E+01	.191E+01	.609E-03	A 6
85.000	.212E+02	.105E+01	.623E-03	.170E-04	.190E-05	.238E-01	.109E+01	.188E+01	.536E-03	
90.000	.225E+02	.105E+01	.552E-03	.141E-04	.148E-05	.225E-01	.109E+01	.186E+01	.475E-03	
95.000	.237E+02	.104E+01	.493E-03	.118E-04	.118E-05	.213E-01	.108E+01	.184E+01	.424E-03	
100.000	.250E+02	.104E+01	.442E-03	.100E-04	.944E-06	.202E-01	.108E+01	.182E+01	.381E-03	

C(I)=1.00000

CS1= 1.20

ALBDA= 2.78

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.720E+00	.686E+01	0.	0,	0,	0,	0,	0,	0,
3,000	.108E+01	.308E+01	.116E+02	0,	0,	.111E+01	0,	0,	0,
4,000	.144E+01	.222E+01	.191E+01	.233E+02	0,	.622E+00	.879E+01	0,	0,
5,000	.180E+01	.186E+01	.678E+00	.254E+01	.425E+02	.443E+00	.455E+01	.894E+02	.413E+01
6,000	.216E+01	.166E+01	.331E+00	.643E+00	.384E+01	.347E+00	.338E+01	.321E+02	.898E+00
7,000	.252E+01	.153E+01	.192E+00	.237E+00	.815E+00	.285E+00	.283E+01	.192E+02	.372E+00
8,000	.288E+01	.145E+01	.124E+00	.109E+00	.258E+00	.243E+00	.250E+01	.138E+02	.201E+00
9,000	.324E+01	.139E+01	.860E-01	.577E-01	.103E+00	.211E+00	.229E+01	.110E+02	.125E+00
10,000	.360E+01	.134E+01	.630E-01	.338E-01	.485E-01	.187E+00	.213E+01	.920E+01	.855E-01
15,000	.540E+01	.121E+01	.210E-01	.532E-02	.380E-02	.120E+00	.175E+01	.562E+01	.245E-01
20,000	.720E+01	.115E+01	.103E-01	.166E-02	.787E-03	.879E+01	.159E+01	.444E+01	.114E-01
25,000	.900E+01	.112E+01	.607E-02	.711E-03	.252E-03	.696E-01	.150E+01	.385E+01	.660E-02
30,000	.108E+02	.110E+01	.400E-02	.366E-03	.104E-03	.575E-01	.145E+01	.351E+01	.429E-02
35,000	.126E+02	.108E+01	.283E-02	.212E-03	.502E-04	.491E-01	.141E+01	.328E+01	.301E-02
40,000	.144E+02	.107E+01	.210E-02	.133E-03	.271E-04	.428E+01	.158E+01	.311E+01	.223E-02
45,000	.162E+02	.106E+01	.163E-02	.893E-04	.159E-04	.379E-01	.136E+01	.299E+01	.172E-02
50,000	.180E+02	.106E+01	.130E-02	.626E-04	.990E-05	.340E+01	.154E+01	.290E+01	.137E-02
55,000	.198E+02	.105E+01	.106E-02	.456E-04	.649E-05	.309E-01	.133E+01	.282E+01	.111E-02
60,000	.216E+02	.105E+01	.877E-03	.342E-04	.443E-05	.283E+01	.132E+01	.276E+01	.922E-03
65,000	.234E+02	.104E+01	.740E-03	.263E-04	.312E-05	.260E+01	.131E+01	.271E+01	.777E-03
70,000	.252E+02	.104E+01	.632E-03	.207E-04	.227E-05	.242E+01	.130E+01	.267E+01	.663E-03
75,000	.270E+02	.104E+01	.547E-03	.165E-04	.168E-05	.225E+01	.129E+01	.263E+01	.573E-03
80,000	.288E+02	.104E+01	.477E-03	.134E-04	.128E-05	.211E+01	.129E+01	.260E+01	.500E-03
85,000	.306E+02	.103E+01	.421E-03	.111E-04	.986E-06	.198E+01	.128E+01	.257E+01	.440E-03
90,000	.324E+02	.103E+01	.373E-03	.921E-05	.773E-06	.187E+01	.128E+01	.255E+01	.391E-03
95,000	.342E+02	.103E+01	.333E-03	.776E-05	.615E-06	.177E+01	.127E+01	.253E+01	.349E-03
100,000	.360E+02	.103E+01	.300E-03	.659E-05	.495E-06	.168E+01	.127E+01	.251E+01	.313E-03

C(I)=1.00000

CS1= 1.40

ALBDA= 2.04

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2.000	.980E+00	.411E+01	0.	0.	0.	0.	0.	0.	0.
3.000	.147E+01	.229E+01	.418E+01	0.	0.	.894E+00	0.	0.	0.
4.000	.196E+01	.180E+01	.879E+00	.637E+01	0.	.521E+00	.772E+01	0.	0.
5.000	.245E+01	.158E+01	.350E+00	.912E+00	.954E+01	.375E+00	.440E+01	.749E+02	.249E+01
6.000	.294E+01	.145E+01	.183E+00	.266E+00	.113E+01	.295E+00	.340E+01	.309E+02	.635E+00
7.000	.343E+01	.137E+01	.111E+00	.107E+00	.278E+00	.243E+00	.290E+01	.196E+02	.281E+00
8.000	.392E+01	.131E+01	.741E-01	.526E-01	.968E-01	.207E+00	.261E+01	.146E+02	.157E+00
9.000	.441E+01	.127E+01	.528E-01	.293E-01	.415E-01	.181E+00	.241E+01	.119E+02	.100E+00
10.000	.490E+01	.124E+01	.395E-01	.178E-01	.205E-01	.160E+00	.227E+01	.102E+02	.694E-01
15.000	.735E+01	.115E+01	.139E-01	.314E-02	.185E-02	.102E+00	.192E+01	.659E+01	.206E-01
20.000	.980E+01	.111E+01	.700E-02	.103E-02	.410E-03	.753E+01	.177E+01	.537E+01	.973E+02
25.000	.122E+02	.109E+01	.420E-02	.458E-03	.137E-03	.596E+01	.168E+01	.475E+01	.566E+02
30.000	.147E+02	.107E+01	.279E-02	.241E-03	.576E-04	.493E+01	.163E+01	.439E+01	.369E+02
35.000	.171E+02	.106E+01	.199E-02	.142E-03	.283E-04	.420E-01	.160E+01	.415E+01	.260E+02
40.000	.196E+02	.105E+01	.149E-02	.903E-04	.155E-04	.366E+01	.157E+01	.397E+01	.193E+02
45.000	.220E+02	.105E+01	.116E-02	.610E-04	.915E-05	.325E+01	.155E+01	.384E+01	.149E+02
50.000	.245E+02	.104E+01	.924E-03	.431E-04	.575E-05	.292E+01	.153E+01	.374E+01	.118E+02
55.000	.269E+02	.104E+01	.755E-03	.315E-04	.379E-05	.265E+01	.152E+01	.366E+01	.963E+03
60.000	.294E+02	.103E+01	.628E-03	.238E-04	.260E-05	.242E+01	.151E+01	.359E+01	.799E+03
65.000	.318E+02	.103E+01	.531E-03	.184E-04	.184E-05	.223E+01	.150E+01	.354E+01	.674E+03
70.000	.343E+02	.103E+01	.455E-03	.145E-04	.134E-05	.207E+01	.149E+01	.349E+01	.576E+03
75.000	.367E+02	.103E+01	.394E-03	.116E-04	.100E-05	.193E+01	.149E+01	.345E+01	.498E+03
80.000	.392E+02	.103E+01	.344E-03	.947E-05	.761E-06	.181E+01	.148E+01	.342E+01	.434E+03
85.000	.416E+02	.102E+01	.304E-03	.782E-05	.589E-06	.170E+01	.148E+01	.339E+01	.383E+03
90.000	.441E+02	.102E+01	.270E-03	.652E-05	.463E-06	.161E+01	.147E+01	.336E+01	.339E+03
95.000	.465E+02	.102E+01	.241E-03	.550E-05	.369E-06	.152E+01	.147E+01	.334E+01	.303E+03
100.000	.490E+02	.102E+01	.217E-03	.468E-05	.297E-06	.144E+01	.147E+01	.332E+01	.273E+03

		C(I)=1.00000		CS1= 1.60		ALBDA= 1.56				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
2,000	.128E+01	.295E+01	0.	0.	0.	0.	0.	0.	0.	
3,000	.192E+01	.188E+01	.202E+01	0.	0.	.753E+00	0.	0.	0.	
4,000	.256E+01	.157E+01	.496E+00	.254E+01	0.	.450E+00	.725E+01	0.	0.	
5,000	.320E+01	.142E+01	.213E+00	.434E+00	.330E+01	.326E+00	.441E+01	.698E+02	.176E+01	
6,000	.384E+01	.133E+01	.116E+00	.139E+00	.468E+00	.257E+00	.349E+01	.315E+02	.497E+00	
7,000	.448E+01	.127E+01	.728E-01	.596E-01	.126E+00	.212E+00	.303E+01	.208E+02	.230E+00	
8,000	.512E+01	.123E+01	.497E-01	.305E-01	.468E-01	.181E+00	.276E+01	.159E+02	.132E+00	
9,000	.576E+01	.120E+01	.360E-01	.175E-01	.210E-01	.158E+00	.257E+01	.132E+02	.852E-01	
10,000	.640E+01	.118E+01	.272E-01	.110E-01	.107E-01	.140E+00	.244E+01	.115E+02	.597E-01	
15,000	.960E+01	.111E+01	.996E-02	.208E-02	.107E-02	.896E-01	.210E+01	.775E+01	.181E-01	
20,000	.128E+02	.108E+01	.510E-02	.711E-03	.246E-03	.659E-01	.195E+01	.646E+01	.865E-02	
25,000	.160E+02	.107E+01	.309E-02	.322E-03	.840E-04	.521E-01	.187E+01	.581E+01	.505E-02	
30,000	.192E+02	.105E+01	.207E-02	.172E-03	.360E-04	.431E-01	.182E+01	.542E+01	.331E-02	
35,000	.224E+02	.105E+01	.148E-02	.102E-03	.179E-04	.368E-01	.179E+01	.515E+01	.233E-02	
40,000	.256E+02	.104E+01	.111E-02	.655E-04	.987E-05	.321E-01	.176E+01	.497E+01	.173E-02	
45,000	.288E+02	.104E+01	.866E-03	.445E-04	.587E-05	.284E-01	.174E+01	.483E+01	.134E-02	
50,000	.320E+02	.103E+01	.694E-03	.316E-04	.371E-05	.255E-01	.173E+01	.472E+01	.106E-02	
55,000	.352E+02	.103E+01	.568E-03	.232E-04	.246E-05	.232E-01	.172E+01	.463E+01	.867E-03	
60,000	.384E+02	.103E+01	.473E-03	.176E-04	.169E-05	.212E-01	.171E+01	.456E+01	.720E-03	
65,000	.416E+02	.102E+01	.401E-03	.136E-04	.120E-05	.195E-01	.170E+01	.450E+01	.607E-03	
70,000	.448E+02	.102E+01	.343E-03	.108E-04	.878E-06	.181E-01	.169E+01	.445E+01	.519E-03	
75,000	.480E+02	.102E+01	.298E-03	.865E-05	.656E-06	.169E-01	.168E+01	.440E+01	.449E-03	
80,000	.512E+02	.102E+01	.260E-03	.706E-05	.500E-06	.158E-01	.168E+01	.437E+01	.392E-03	
85,000	.544E+02	.102E+01	.230E-03	.583E-05	.387E-06	.149E-01	.167E+01	.433E+01	.345E-03	
90,000	.576E+02	.102E+01	.204E-03	.488E-05	.305E-06	.140E-01	.167E+01	.430E+01	.306E-03	
95,000	.608E+02	.102E+01	.183E-03	.412E-05	.243E-06	.133E-01	.167E+01	.428E+01	.274E-03	
100,000	.640E+02	.102E+01	.165E-03	.351E-05	.196E-06	.126E-01	.166E+01	.425E+01	.246E-03	

C(1)=1.00000

CS1= 1.80

ALBDA= 1.23

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.162E+01	.235E+01	0,	0,	0,	0,	0,	0,	0,
3,000	.243E+01	.165E+01	.116E+01	0,	0,	.655E+00	0,	0,	0,
4,000	.324E+01	.143E+01	.318E+00	.127E+01	0,	.396E+00	.708E+01	0,	0,
5,000	.405E+01	.132E+01	.144E+00	.246E+00	.149E+01	.288E+00	.450E+01	.690E+02	.137E+01
6,000	.486E+01	.125E+01	.811E-01	.839E-01	.238E+00	.227E+00	.363E+01	.332E+02	.415E+00
7,000	.567E+01	.121E+01	.518E-01	.377E-01	.687E-01	.188E+00	.320E+01	.226E+02	.198E+00
8,000	.648E+01	.118E+01	.359E-01	.199E-01	.266E-01	.161E+00	.293E+01	.177E+02	.115E+00
9,000	.729E+01	.116E+01	.263E-01	.117E-01	.123E-01	.140E+00	.275E+01	.148E+02	.755E-01
10,000	.810E+01	.114E+01	.200E-01	.743E-02	.644E-02	.124E+00	.262E+01	.130E+02	.533E-01
15,000	.121E+02	.109E+01	.751E-02	.149E-02	.683E-03	.796E-01	.229E+01	.910E+01	.165E-01
20,000	.162E+02	.107E+01	.389E-02	.521E-03	.162E-03	.586E-01	.215E+01	.772E+01	.792E-02
25,000	.202E+02	.105E+01	.238E-02	.239E-03	.565E-04	.463E-01	.207E+01	.701E+01	.464E-02
30,000	.243E+02	.104E+01	.160E-02	.129E-03	.245E-04	.383E-01	.202E+01	.659E+01	.304E-02
35,000	.283E+02	.104E+01	.115E-02	.773E-04	.123E-04	.321E-01	.199E+01	.630E+01	.215E-02
40,000	.324E+02	.103E+01	.865E-03	.499E-04	.680E-05	.285E-01	.196E+01	.610E+01	.160E-02
45,000	.364E+02	.103E+01	.674E-03	.340E-04	.407E-05	.253E-01	.194E+01	.594E+01	.124E-02
50,000	.405E+02	.103E+01	.541E-03	.242E-04	.258E-05	.227E-01	.193E+01	.582E+01	.984E-03
55,000	.445E+02	.102E+01	.443E-03	.179E-04	.171E-05	.206E-01	.191E+01	.573E+01	.802E-03
60,000	.486E+02	.102E+01	.370E-03	.135E-04	.118E-05	.188E-01	.190E+01	.565E+01	.666E-03
65,000	.526E+02	.102E+01	.313E-03	.105E-04	.842E-06	.174E-01	.190E+01	.558E+01	.562E-03
70,000	.567E+02	.102E+01	.269E-03	.832E-05	.616E-06	.161E-01	.189E+01	.553E+01	.480E-03
75,000	.607E+02	.102E+01	.233E-03	.670E-05	.461E-06	.150E-01	.188E+01	.548E+01	.415E-03 ▲
80,000	.648E+02	.102E+01	.204E-03	.548E-05	.351E-06	.141E-01	.188E+01	.544E+01	.363E-03 ▲
85,000	.688E+02	.101E+01	.180E-03	.453E-05	.273E-06	.132E-01	.187E+01	.540E+01	.320E-03
90,000	.729E+02	.101E+01	.160E-03	.379E-05	.215E-06	.125E-01	.187E+01	.537E+01	.284E-03
95,000	.769E+02	.101E+01	.143E-03	.320E-05	.172E-06	.118E-01	.187E+01	.534E+01	.253E-03
100,000	.810E+02	.101E+01	.129E-03	.273E-05	.139E-06	.112E-01	.186E+01	.532E+01	.228E-03

		C(I)=1,00000		CS1= 2,00		ALBDA= 1,00			
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2.000	.200E+01	.200E+01	0.	0.	0.	0.	0.	0.	0.
3.000	.300E+01	.150E+01	.750E+00	0.	0.	.577E+00	0.	0.	0.
4.000	.400E+01	.133E+01	.222E+00	.741E+00	0.	.354E+00	.707E+01	0.	0.
5.000	.500E+01	.125E+01	.104E+00	.156E+00	.801E+00	.258E+00	.465E+01	.708E+02	.114E+01
6.000	.600E+01	.120E+01	.600E-01	.560E-01	.139E+00	.204E+00	.381E+01	.357E+02	.362E+00
7.000	.700E+01	.117E+01	.389E-01	.259E+01	.421E-01	.169E+00	.338E+01	.249E+02	.176E+00
8.000	.800E+01	.114E+01	.272E-01	.140E-01	.168E-01	.144E+00	.312E+01	.197E+02	.104E+00
9.000	.900E+01	.113E+01	.201E-01	.837E-02	.797E-02	.126E+00	.294E+01	.168E+02	.688E-01
10.000	.100E+02	.111E+01	.154E-01	.539E-02	.425E-02	.112E+00	.281E+01	.148E+02	.488E-01
15.000	.150E+02	.107E+01	.589E-02	.112E-02	.472E-03	.716E-01	.248E+01	.106E+02	.153E-01
20.000	.200E+02	.105E+01	.308E-02	.400E-03	.115E-03	.527E-01	.234E+01	.913E+01	.739E-02
25.000	.250E+02	.104E+01	.189E-02	.186E-03	.405E-04	.417E-01	.227E+01	.836E+01	.434E-02
30.000	.300E+02	.103E+01	.127E-02	.101E-03	.177E-04	.345E-01	.222E+01	.790E+01	.286E-02
35.000	.350E+02	.103E+01	.917E-03	.607E-04	.891E-05	.294E-01	.218E+01	.758E+01	.202E-02
40.000	.400E+02	.103E+01	.692E-03	.393E-04	.496E-05	.256E-01	.216E+01	.736E+01	.150E-02
45.000	.450E+02	.102E+01	.541E-03	.269E-04	.298E-05	.221E-01	.214E+01	.719E+01	.116E-02
50.000	.500E+02	.102E+01	.434E-03	.192E-04	.189E-05	.204E-01	.213E+01	.706E+01	.926E-03
55.000	.550E+02	.102E+01	.356E-03	.142E-04	.126E-05	.185E-01	.211E+01	.695E+01	.755E-03
60.000	.600E+02	.102E+01	.297E-03	.108E-04	.872E-06	.170E-01	.210E+01	.687E+01	.627E-03
65.000	.650E+02	.102E+01	.252E-03	.838E-05	.622E-06	.156E-01	.210E+01	.680E+01	.529E-03
70.000	.700E+02	.101E+01	.216E-03	.664E-05	.455E-06	.145E-01	.209E+01	.674E+01	.452E-03
75.000	.750E+02	.101E+01	.188E-03	.535E-05	.341E-06	.135E-01	.208E+01	.668E+01	.391E-03
80.000	.800E+02	.101E+01	.164E-03	.438E-05	.260E-06	.127E-01	.208E+01	.664E+01	.342E-03
85.000	.850E+02	.101E+01	.145E-03	.362E-05	.202E-06	.119E-01	.207E+01	.660E+01	.301E-03
90.000	.900E+02	.101E+01	.129E-03	.303E-05	.159E-06	.112E-01	.207E+01	.656E+01	.267E-03
95.000	.950E+02	.101E+01	.116E-03	.257E-05	.127E-06	.106E-01	.206E+01	.653E+01	.239E-03
100.000	.100E+03	.101E+01	.104E-03	.219E-05	.103E-06	.101E-01	.206E+01	.650E+01	.215E-03

C(I)=1.00000

CS1= 2.20

ALBDA= .83

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.242E+01	.177E+01	0.	0.	0.	0.	0.	0.	0.
3,000	.363E+01	.140E+01	.525E+00	0.	0.	.518E+00	0.	0.	0.
4,000	.484E+01	.127E+01	.164E+00	.478E+00	0.	.320E+00	.717E+01	0.	0.
5,000	.605E+01	.120E+01	.792E-01	.108E+00	.485E+00	.234E+00	.483E+01	.742E+02	.985E+00
6,000	.726E+01	.116E+01	.464E-01	.400E-01	.898E-01	.185E+00	.401E+01	.388E+02	.325E+00
7,000	.847E+01	.114E+01	.304E-01	.190E-01	.282E-01	.153E+00	.358E+01	.275E+02	.161E+00
8,000	.968E+01	.112E+01	.214E-01	.104E-01	.115E-01	.131E+00	.332E+01	.221E+02	.963E-01
9,000	.109E+02	.110E+01	.159E-01	.631E-02	.555E-02	.114E+00	.314E+01	.189E+02	.640E-01
10,000	.121E+02	.109E+01	.123E-01	.410E-02	.300E-02	.102E+00	.301E+01	.169E+02	.456E-01
15,000	.181E+02	.106E+01	.475E-02	.878E-03	.346E-03	.651E-01	.268E+01	.123E+02	.145E-01
20,000	.242E+02	.104E+01	.250E-02	.318E-03	.855E-04	.479E-01	.255E+01	.107E+02	.701E-02
25,000	.302E+02	.103E+01	.154E-02	.149E-03	.304E-04	.379E-01	.247E+01	.986E+01	.413E-02
30,000	.363E+02	.103E+01	.104E-02	.812E-04	.134E-04	.514E-01	.242E+01	.935E+01	.272E-02
35,000	.423E+02	.102E+01	.751E-03	.491E-04	.676E-05	.267E-01	.239E+01	.900E+01	.192E-02
40,000	.484E+02	.102E+01	.567E-03	.319E-04	.378E-05	.233E-01	.236E+01	.876E+01	.143E-02
45,000	.544E+02	.102E+01	.443E-03	.219E-04	.227E-05	.207E-01	.234E+01	.857E+01	.111E-02
50,000	.605E+02	.102E+01	.356E-03	.156E-04	.145E-05	.186E-01	.233E+01	.843E+01	.883E-03
55,000	.665E+02	.102E+01	.292E-03	.116E-04	.966E-06	.168E-01	.231E+01	.831E+01	.720E-03
60,000	.726E+02	.101E+01	.244E-03	.879E-05	.669E-06	.154E-01	.230E+01	.822E+01	.598E-03
65,000	.786E+02	.101E+01	.207E-03	.684E-05	.478E-06	.142E-01	.230E+01	.814E+01	.505E-03
70,000	.847E+02	.101E+01	.178E-03	.543E-05	.350E-06	.132E-01	.229E+01	.807E+01	.432E-03
75,000	.907E+02	.101E+01	.154E-03	.438E-05	.262E-06	.123E-01	.228E+01	.801E+01	.374E-03
80,000	.968E+02	.101E+01	.135E-03	.358E-05	.200E-06	.115E-01	.228E+01	.796E+01	.326E-03
85,000	.103E+03	.101E+01	.119E-03	.297E-05	.156E-06	.108E-01	.227E+01	.792E+01	.288E-03
90,000	.109E+03	.101E+01	.106E-03	.249E-05	.123E-06	.102E-01	.227E+01	.788E+01	.255E-03
95,000	.115E+03	.101E+01	.952E-04	.210E-05	.983E-07	.967E-02	.227E+01	.785E+01	.228E-03
100,000	.121E+03	.101E+01	.857E-04	.180E-05	.795E-07	.918E-02	.226E+01	.782E+01	.205E-03

		C(I)=1,00000		CS1= 2,40		ALBDAF= ,69				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
2.000	.288E+01	.162E+01	0.	0.	0.	0.	0.	0.	0.	
3.000	.432E+01	.133E+01	.388E+00	0.	0.	.470E+00	0.	0.	0.	
4.000	.576E+01	.122E+01	.127E+00	.332E+00	0.	.292E+00	.733E+01	0.	0.	
5.000	.720E+01	.117E+01	.625E+01	.788E+01	.320E+00	.214E+00	.504E+01	.789E+02	.880E+00	
6.000	.864E+01	.113E+01	.370E+01	.301E+01	.622E+01	.170E+00	.422E+01	.424E+02	.299E+00	
7.000	.101E+02	.111E+01	.245E+01	.145E+01	.201E+01	.141E+00	.379E+01	.305E+02	.150E+00	
8.000	.115E+02	.110E+01	.174E+01	.808E+02	.835E+02	.120E+00	.353E+01	.247E+02	.904E+01	
9.000	.130E+02	.109E+01	.130E+01	.494E+02	.408E+02	.105E+00	.335E+01	.213E+02	.604E+01	
10.000	.144E+02	.108E+01	.100E+01	.324E+02	.222E+02	.931E+01	.322E+01	.191E+02	.432E+01	
15.000	.216E+02	.105E+01	.392E+02	.708E+03	.264E+03	.597E+01	.289E+01	.142E+02	.138E+01	
20.000	.288E+02	.104E+01	.207E+02	.259E+03	.661E+04	.439E+01	.275E+01	.124E+02	.672E+02	
25.000	.360E+02	.103E+01	.128E+02	.122E+03	.237E+04	.347E+01	.267E+01	.115E+02	.396E+02	
30.000	.432E+02	.102E+01	.866E+03	.669E+04	.105E+04	.288E+01	.262E+01	.109E+02	.261E+02	
35.000	.504E+02	.102E+01	.626E+03	.405E+04	.531E+05	.245E+01	.259E+01	.106E+02	.185E+02	
40.000	.576E+02	.102E+01	.473E+03	.264E+04	.298E+05	.214E+01	.256E+01	.103E+02	.138E+02	
45.000	.648E+02	.102E+01	.370E+03	.181E+04	.179E+05	.189E+01	.254E+01	.101E+02	.107E+02	
50.000	.720E+02	.101E+01	.298E+03	.130E+04	.114E+05	.170E+01	.253E+01	.993E+01	.850E+03	
55.000	.792E+02	.101E+01	.244E+03	.961E+05	.764E+06	.154E+01	.252E+01	.980E+01	.694E+03	
60.000	.864E+02	.101E+01	.204E+03	.732E+05	.530E+06	.141E+01	.251E+01	.970E+01	.576E+03	
65.000	.936E+02	.101E+01	.173E+03	.570E+05	.379E+06	.130E+01	.250E+01	.961E+01	.487E+03	
70.000	.101E+03	.101E+01	.149E+03	.452E+05	.278E+06	.121E+01	.249E+01	.953E+01	.416E+03	
75.000	.108E+03	.101E+01	.129E+03	.365E+05	.208E+06	.113E+01	.248E+01	.947E+01	.360E+03	A
80.000	.115E+03	.101E+01	.113E+03	.299E+05	.159E+06	.105E+01	.248E+01	.942E+01	.315E+03	
85.000	.122E+03	.101E+01	.100E+03	.248E+05	.124E+06	.992E+02	.247E+01	.937E+01	.277E+03	
90.000	.130E+03	.101E+01	.891E+04	.208E+05	.977E+07	.936E+02	.247E+01	.933E+01	.246E+03	
95.000	.137E+03	.101E+01	.798E+04	.176E+05	.782E+07	.887E+02	.247E+01	.929E+01	.220E+03	
100.000	.144E+03	.101E+01	.719E+04	.150E+05	.633E+07	.842E+02	.246E+01	.925E+01	.198E+03	

C(I)=1.00000

CS1= 2.60

ALBDA= .59

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.338E+01	.151E+01	0.	0.	0.	0.	0.	0.	0.
3,000	.507E+01	.127E+01	.300E+00	0.	0.	.431E+00	0.	0.	0.
4,000	.676E+01	.119E+01	.101E+00	.244E+00	0.	.269E+00	.755E+01	0.	0.
5,000	.845E+01	.114E+01	.507E-01	.602E-01	.225E+00	.197E+00	.527E+01	.846E+02	.804E+00
6,000	.101E+02	.111E+01	.303E-01	.235E+01	.455E-01	.156E+00	.445E+01	.464E+02	.280E+00
7,000	.118E+02	.110E+01	.202E-01	.115E-01	.150E+01	.130E+00	.402E+01	.338E+02	.142E+00
8,000	.135E+02	.108E+01	.144E-01	.646E-02	.633E-02	.111E+00	.375E+01	.276E+02	.860E-01
9,000	.152E+02	.107E+01	.108E-01	.398E-02	.312E-02	.968E-01	.357E+01	.240E+02	.576E-01
10,000	.169E+02	.106E+01	.836E-02	.263E-02	.172E-02	.859E-01	.344E+01	.216E+02	.413E-01
15,000	.253E+02	.104E+01	.329E-02	.585E-03	.208E-03	.551E-01	.310E+01	.162E+02	.153E-01
20,000	.338E+02	.103E+01	.175E-02	.216E-03	.527E-04	.405E-01	.296E+01	.143E+02	.649E-02
25,000	.422E+02	.102E+01	.108E-02	.102E-03	.190E-04	.321E-01	.288E+01	.133E+02	.384E-02
30,000	.507E+02	.102E+01	.733E-03	.561E-04	.842E-05	.265E-01	.283E+01	.127E+02	.253E-02
35,000	.591E+02	.102E+01	.530E-03	.341E-04	.429E-05	.226E-01	.279E+01	.123E+02	.179E-02
40,000	.676E+02	.102E+01	.401E-03	.222E-04	.241E-05	.197E-01	.277E+01	.120E+02	.134E-02
45,000	.760E+02	.101E+01	.314E-03	.153E-04	.145E-05	.175E-01	.275E+01	.117E+02	.104E-02
50,000	.845E+02	.101E+01	.252E-03	.110E-04	.928E-06	.157E-01	.273E+01	.116E+02	.825E-03
55,000	.929E+02	.101E+01	.207E-03	.812E-05	.620E-06	.142E-01	.272E+01	.114E+02	.673E-03
60,000	.101E+03	.101E+01	.173E-03	.619E-05	.430E-06	.130E-01	.271E+01	.113E+02	.559E-03
65,000	.110E+03	.101E+01	.147E-03	.482E-05	.308E-06	.120E-01	.270E+01	.112E+02	.472E-03
70,000	.118E+03	.101E+01	.126E-03	.383E-05	.226E-06	.111E-01	.269E+01	.111E+02	.404E-03
75,000	.127E+03	.101E+01	.110E-03	.309E-05	.169E-06	.104E-01	.269E+01	.111E+02	.350E-03
80,000	.135E+03	.101E+01	.962E-04	.253E-05	.130E-06	.974E-02	.268E+01	.110E+02	.306E-03
85,000	.144E+03	.101E+01	.851E-04	.210E-05	.101E-06	.916E-02	.268E+01	.109E+02	.269E-03
90,000	.152E+03	.101E+01	.757E-04	.176E-05	.796E-07	.864E-02	.267E+01	.109E+02	.259E-03
95,000	.161E+03	.101E+01	.678E-04	.149E-05	.637E-07	.818E-02	.267E+01	.109E+02	.214E-03
100,000	.169E+03	.101E+01	.611E-04	.127E-05	.516E-07	.777E-02	.266E+01	.108E+02	.192E-03

C(I)=1,00000

CS1= 2,80

ALBDA= ,51

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	,392E+01	,142E+01	0,	0,	0,	0,	0,	0,	0,
3,000	,588E+01	,123E+01	,239E+00	0,	0,	,398E+00	0,	0,	0,
4,000	,784E+01	,116E+01	,831E-01	,187E+00	0,	,249E+00	,780E+01	0,	0,
5,000	,980E+01	,112E+01	,420E-01	,476E-01	,166E+00	,183E+00	,552E+01	,912E+02	,747E+00
6,000	,118E+02	,110E+01	,253E-01	,189E-01	,347E-01	,145E+00	,468E+01	,509E+02	,265E+00
7,000	,137E+02	,108E+01	,169E-01	,936E-02	,116E-01	,120E+00	,424E+01	,575E+02	,136E+00
8,000	,157E+02	,107E+01	,121E-01	,530E-02	,496E-02	,103E+00	,397E+01	,508E+02	,825E-01
9,000	,176E+02	,106E+01	,910E-02	,329E-02	,247E-02	,898E-01	,379E+01	,268E+02	,555E-01
10,000	,196E+02	,106E+01	,708E-02	,218E-02	,137E-02	,797E-01	,365E+01	,242E+02	,399E-01
15,000	,294E+02	,104E+01	,280E-02	,491E-03	,168E-03	,511E-01	,331E+01	,184E+02	,129E-01
20,000	,392E+02	,103E+01	,149E-02	,182E-03	,430E-04	,376E-01	,316E+01	,163E+02	,631E-02
25,000	,490E+02	,102E+01	,925E-03	,867E-04	,156E-04	,298E-01	,308E+01	,152E+02	,373E-02
30,000	,588E+02	,102E+01	,629E-03	,478E-04	,693E-05	,246E-01	,303E+01	,145E+02	,246E-02
35,000	,686E+02	,101E+01	,455E-03	,291E-04	,353E-05	,210E-01	,300E+01	,141E+02	,175E-02
40,000	,784E+02	,101E+01	,344E-03	,190E-04	,199E-05	,183E-01	,297E+01	,138E+02	,150E-02
45,000	,882E+02	,101E+01	,270E-03	,131E-04	,120E-05	,162E-01	,295E+01	,135E+02	,101E-02
50,000	,980E+02	,101E+01	,217E-03	,938E-05	,768E-06	,146E-01	,293E+01	,133E+02	,805E-03
55,000	,108E+03	,101E+01	,178E-03	,696E-05	,514E-06	,132E-01	,292E+01	,132E+02	,657E-03
60,000	,118E+03	,101E+01	,149E-03	,530E-05	,357E-06	,121E-01	,291E+01	,130E+02	,546E-03
65,000	,127E+03	,101E+01	,127E-03	,413E-05	,255E-06	,112E-01	,290E+01	,129E+02	,461E-03
70,000	,137E+03	,101E+01	,109E-03	,328E-05	,187E-06	,104E-01	,289E+01	,128E+02	,395E-03
75,000	,147E+03	,101E+01	,945E-04	,265E-05	,141E-06	,965E-02	,289E+01	,128E+02	,341E-03
80,000	,157E+03	,101E+01	,828E-04	,217E-05	,108E-06	,904E-02	,288E+01	,127E+02	,298E-03
85,000	,167E+03	,101E+01	,732E-04	,180E-05	,838E-07	,850E-02	,288E+01	,126E+02	,263E-03
90,000	,176E+03	,101E+01	,652E-04	,151E-05	,662E-07	,803E-02	,287E+01	,126E+02	,233E-03
95,000	,186E+03	,101E+01	,584E-04	,128E-05	,530E-07	,760E-02	,287E+01	,125E+02	,209E-03
100,000	,196E+03	,101E+01	,526E-04	,109E-05	,429E-07	,722E-02	,287E+01	,125E+02	,188E-03

A

T

8

C(1)=1,000000 CS1= 3,00 ALBDAE= .44

ALPHA

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.450E+01	.136E+01	0,	0,	0,	0,	0,	0,	0,
3,000	.675E+01	.120E+01	.196E+00	0,	0,	.369E+00	0,	0,	0,
4,000	.900E+01	.114E+01	.694E+00	0,	0,	.232E+00	0,	0,	0,
5,000	.112E+02	.110E+01	.355E+01	.486E+01	.128E+00	.171E+00	.577E+01	.984E+02	.703E+00
6,000	.135E+02	.108E+01	.215E+01	.156E+01	.273E+01	.135E+00	.493E+01	.559E+02	.253E+00
7,000	.157E+02	.107E+01	.144E+01	.778E+02	.927E+02	.112E+00	.448E+01	.414E+02	.131E+00
8,000	.180E+02	.106E+01	.104E+01	.443E+02	.400E+02	.959E+01	.420E+01	.342E+02	.797E+01
9,000	.202E+02	.105E+01	.780E+02	.276E+02	.200E+02	.838E+01	.401E+01	.299E+02	.538E+01
10,000	.225E+02	.105E+01	.600E+02	.184E+02	.111E+02	.744E+01	.387E+01	.271E+02	.387E+01
15,000	.337E+02	.103E+01	.242E+02	.419E+03	.139E+03	.477E+01	.352E+01	.208E+02	.126E+01
20,000	.450E+02	.102E+01	.129E+02	.156E+03	.358E+04	.551E+01	.337E+01	.185E+02	.617E+02
25,000	.562E+02	.102E+01	.801E+03	.746E+04	.130E+04	.276E+01	.329E+01	.173E+02	.365E+02
30,000	.675E+02	.102E+01	.545E+03	.412E+04	.501E+05	.230E+01	.324E+01	.165E+02	.241E+02
35,000	.787E+02	.101E+01	.395E+03	.251E+04	.297E+05	.196E+01	.320E+01	.160E+02	.171E+02
40,000	.900E+02	.101E+01	.299E+03	.164E+04	.167E+05	.171E+01	.317E+01	.157E+02	.128E+02
45,000	.101E+03	.101E+01	.234E+03	.115E+04	.101E+05	.152E+01	.315E+01	.154E+02	.989E+03
50,000	.112E+03	.101E+01	.189E+03	.812E+05	.647E+06	.136E+01	.314E+01	.152E+02	.769E+03
55,000	.124E+03	.101E+01	.155E+03	.603E+05	.433E+06	.123E+01	.312E+01	.150E+02	.644E+03
60,000	.135E+03	.101E+01	.130E+03	.459E+05	.301E+06	.113E+01	.311E+01	.149E+02	.555E+03
65,000	.146E+03	.101E+01	.110E+03	.358E+05	.215E+06	.104E+01	.310E+01	.148E+02	.452E+03
70,000	.157E+03	.101E+01	.946E+04	.285E+05	.158E+06	.966E+02	.310E+01	.147E+02	.387E+03
75,000	.169E+03	.101E+01	.821E+04	.230E+05	.119E+06	.904E+02	.309E+01	.146E+02	.335E+03
80,000	.180E+03	.101E+01	.720E+04	.188E+05	.909E+07	.844E+02	.308E+01	.145E+02	.292E+03
85,000	.191E+03	.101E+01	.637E+04	.156E+05	.794E+07	.794E+02	.308E+01	.145E+02	.258E+03
90,000	.202E+03	.100E+01	.567E+04	.131E+05	.659E+07	.749E+02	.307E+01	.144E+02	.229E+03
95,000	.214E+03	.100E+01	.508E+04	.111E+05	.448E+07	.709E+02	.307E+01	.144E+02	.205E+03
100,000	.225E+03	.100E+01	.458E+04	.949E+06	.363E+07	.673E+02	.307E+01	.143E+02	.184E+03

		C(I)=1,00000		CS1= 3,50		ALBDA= .33				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
2.000	.613E+01	.125E+01	0.	0.	0.	0.	0.	0.	0.	
3.000	.919E+01	.114E+01	.128E+00	0.	0.	.314E+00	0.	0.	0.	
4.000	.122E+02	.110E+01	.473E-01	.911E-01	0.	.198E+00	.885E+01	0.	0.	
5.000	.153E+02	.108E+01	.246E-01	.250E-01	.746E-01	.146E+00	.645E+01	.120E+03	.629E+00	
6.000	.184E+02	.106E+01	.151E-01	.103E-01	.166E-01	.116E+00	.555E+01	.699E+02	.233E+00	
7.000	.214E+02	.105E+01	.102E-01	.525E-02	.580E-02	.961E-01	.508E+01	.525E+02	.122E+00	
8.000	.245E+02	.104E+01	.737E-02	.303E-02	.255E-02	.822E-01	.478E+01	.438E+02	.748E-01	
9.000	.276E+02	.104E+01	.557E-02	.190E-02	.129E-02	.718E-01	.458E+01	.387E+02	.507E-01	
10.000	.306E+02	.104E+01	.435E-02	.127E-02	.724E-03	.638E-01	.444E+01	.352E+02	.367E-01	
15.000	.459E+02	.102E+01	.175E+02	.297E-03	.931E-04	.409E-01	.406E+01	.274E+02	.120E-01	
20.000	.613E+02	.102E+01	.937E-03	.112E-03	.242E-04	.301E-01	.390E+01	.246E+02	.591E-02	
25.000	.766E+02	.101E+01	.583E-03	.536E-04	.886E-05	.238E-01	.381E+01	.231E+02	.351E-02	
30.000	.919E+02	.101E+01	.397E-03	.297E-04	.397E-05	.197E-01	.375E+01	.222E+02	.232E-02	
35.000	.107E+03	.101E+01	.288E-03	.182E-04	.204E-05	.168E-01	.371E+01	.215E+02	.165E-02	
40.000	.123E+03	.101E+01	.218E-03	.119E-04	.115E-05	.147E-01	.369E+01	.211E+02	.123E-02	
45.000	.138E+03	.101E+01	.171E-03	.821E-05	.697E-06	.130E-01	.366E+01	.208E+02	.952E-03	
50.000	.153E+03	.101E+01	.138E-03	.590E-05	.447E-06	.117E-01	.365E+01	.205E+02	.760E-03	
55.000	.168E+03	.101E+01	.113E-03	.438E-05	.299E-06	.106E-01	.363E+01	.203E+02	.620E-03	
60.000	.184E+03	.101E+01	.949E-04	.335E-05	.208E-06	.969E-02	.362E+01	.201E+02	.516E-03	
65.000	.199E+03	.101E+01	.805E-04	.261E-05	.149E-06	.893E-02	.361E+01	.200E+02	.436E-03	
70.000	.214E+03	.100E+01	.692E-04	.208E-05	.110E-06	.828E-02	.360E+01	.199E+02	.373E-03	A 20,
75.000	.230E+03	.100E+01	.602E-04	.168E-05	.824E-07	.772E-02	.360E+01	.198E+02	.323E-03	
80.000	.245E+03	.100E+01	.528E-04	.138E-05	.631E-07	.723E-02	.359E+01	.197E+02	.282E-03	
85.000	.260E+03	.100E+01	.466E-04	.114E-05	.491E-07	.680E-02	.358E+01	.196E+02	.249E-03	
90.000	.276E+03	.100E+01	.415E-04	.958E-06	.388E-07	.642E-02	.358E+01	.195E+02	.221E-03	
95.000	.291E+03	.100E+01	.372E-04	.812E-06	.311E-07	.608E-02	.358E+01	.194E+02	.197E-03	
100.000	.306E+03	.100E+01	.335E-04	.694E-06	.252E-07	.577E-02	.357E+01	.194E+02	.178E-03	

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
		C(1)=1,00000		CS1= 4,00		ALBDA= .25			
2,000	.800E+01	.119E+01	0.	0.	0.	0.	0.	0.	0.
3,000	.120E+02	.111E+01	.913E-01	0.	0.	.273E+00	0.	0.	0.
4,000	.160E+02	.107E+01	.345E-01	.622E-01	0.	.173E+00	.970E+01	0.	0.
5,000	.200E+02	.106E+01	.182E-01	.176E-01	.490E-01	.128E+00	.716E+01	.145E+03	.584E+00
6,000	.240E+02	.105E+01	.112E-01	.739E-02	.113E-01	.101E+00	.621E+01	.862E+02	.220E+00
7,000	.280E+02	.104E+01	.763E-02	.380E-02	.399E-02	.841E-01	.570E+01	.655E+02	.116E+00
8,000	.320E+02	.103E+01	.552E-02	.221E-02	.177E-02	.719E-01	.538E+01	.550E+02	.717E-01
9,000	.360E+02	.103E+01	.418E-02	.140E-02	.906E-03	.628E-01	.516E+01	.487E+02	.488E-01
10,000	.400E+02	.103E+01	.328E-02	.940E-03	.511E-03	.558E-01	.501E+01	.446E+02	.353E-01
15,000	.600E+02	.102E+01	.132E-02	.222E-03	.669E-04	.358E-01	.460E+01	.351E+02	.117E-01
20,000	.800E+02	.101E+01	.712E-03	.841E-04	.175E-04	.263E-01	.443E+01	.316E+02	.575E-02
25,000	.100E+03	.101E+01	.443E-03	.405E-04	.645E-05	.208E-01	.433E+01	.298E+02	.341E-02
30,000	.120E+03	.101E+01	.303E-03	.225E-04	.290E-05	.172E-01	.427E+01	.287E+02	.226E-02
35,000	.140E+03	.101E+01	.220E-03	.138E-04	.149E-05	.147E-01	.423E+01	.279E+02	.160E-02
40,000	.160E+03	.101E+01	.167E-03	.905E-05	.842E-06	.128E-01	.420E+01	.274E+02	.120E-02
45,000	.180E+03	.101E+01	.131E-03	.624E-05	.511E-06	.114E-01	.418E+01	.269E+02	.929E-03
50,000	.200E+03	.101E+01	.105E-03	.449E-05	.328E-06	.102E-01	.416E+01	.266E+02	.741E-03
55,000	.220E+03	.100E+01	.865E-04	.334E-05	.220E-06	.926E-02	.414E+01	.264E+02	.605E-03
60,000	.240E+03	.100E+01	.724E-04	.255E-05	.153E-06	.848E-02	.413E+01	.262E+02	.503E-03
65,000	.260E+03	.100E+01	.615E-04	.199E-05	.110E-06	.781E-02	.412E+01	.260E+02	.425E-03
70,000	.280E+03	.100E+01	.529E-04	.158E-05	.807E-07	.725E-02	.411E+01	.258E+02	.364E-03
75,000	.300E+03	.100E+01	.460E-04	.128E-05	.606E-07	.676E-02	.410E+01	.257E+02	.315E-03
80,000	.320E+03	.100E+01	.403E-04	.105E-05	.465E-07	.633E-02	.410E+01	.256E+02	.275E-03
85,000	.340E+03	.100E+01	.356E-04	.871E-06	.362E-07	.595E-02	.409E+01	.255E+02	.243E-03
90,000	.360E+03	.100E+01	.317E-04	.731E-06	.286E-07	.562E-02	.409E+01	.254E+02	.215E-03
95,000	.380E+03	.100E+01	.284E-04	.619E-06	.229E-07	.532E-02	.408E+01	.253E+02	.193E-03
100,000	.400E+03	.100E+01	.256E-04	.529E-06	.186E-07	.505E-02	.408E+01	.253E+02	.173E-03

ALPHA	AL/LAM	C(I)=1,00000		CS1= 4,50		ALBDA= .20		CKLP	VARCV
		AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP		
2,000	.101E+02	.115E+01	0.	0.	0.	0.	0.	0.	0.
3,000	.152E+02	.108E+01	.686E-01	0.	0.	.242E+00	0.	0.	0.
4,000	.202E+02	.106E+01	.264E-01	.454E-01	0.	.153E+00	.106E+02	0.	0.
5,000	.253E+02	.105E+01	.140E-01	.131E-01	.348E-01	.113E+00	.790E+01	.174E+03	.555E+00
6,000	.304E+02	.104E+01	.870E-02	.558E-02	.817E-02	.900E-01	.687E+01	.105E+03	.211E+00
7,000	.354E+02	.103E+01	.593E-02	.289E-02	.293E-02	.747E-01	.633E+01	.802E+02	.112E+00
8,000	.405E+02	.103E+01	.430E-02	.169E-02	.131E-02	.639E-01	.599E+01	.677E+02	.696E-01
9,000	.456E+02	.102E+01	.326E-02	.107E-02	.673E-03	.558E-01	.575E+01	.602E+02	.475E-01
10,000	.506E+02	.102E+01	.256E-02	.724E-03	.382E-03	.496E-01	.559E+01	.552E+02	.344E-01
15,000	.759E+02	.101E+01	.104E-02	.172E-03	.505E-04	.318E-01	.515E+01	.438E+02	.114E-01
20,000	.101E+03	.101E+01	.559E-03	.656E-04	.133E-04	.234E-01	.496E+01	.396E+02	.563E-02
25,000	.127E+03	.101E+01	.349E-03	.317E-04	.491E-05	.185E-01	.486E+01	.374E+02	.335E-02
30,000	.152E+03	.101E+01	.238E-03	.176E-04	.221E-05	.153E-01	.479E+01	.360E+02	.222E-02
35,000	.177E+03	.101E+01	.173E-03	.108E-04	.114E-05	.131E-01	.475E+01	.351E+02	.158E-02
40,000	.202E+03	.101E+01	.131E-03	.709E-05	.645E-06	.114E-01	.472E+01	.344E+02	.118E-02
45,000	.228E+03	.100E+01	.103E-03	.490E-05	.392E-06	.101E-01	.469E+01	.339E+02	.912E-03
50,000	.253E+03	.100E+01	.830E-04	.353E-05	.252E-06	.907E-02	.467E+01	.336E+02	.728E-03
55,000	.278E+03	.100E+01	.682E-04	.262E-05	.169E-06	.823E-02	.465E+01	.332E+02	.594E-03
60,000	.304E+03	.100E+01	.571E-04	.200E-05	.117E-06	.753E-02	.464E+01	.330E+02	.494E-03
65,000	.329E+03	.100E+01	.485E-04	.157E-05	.842E-07	.694E-02	.463E+01	.328E+02	.418E-03
70,000	.354E+03	.100E+01	.417E-04	.125E-05	.620E-07	.644E-02	.462E+01	.326E+02	.358E-03
75,000	.380E+03	.100E+01	.363E-04	.101E-05	.466E-07	.601E-02	.461E+01	.324E+02	.310E-03
80,000	.405E+03	.100E+01	.318E-04	.826E-06	.357E-07	.563E-02	.460E+01	.323E+02	.271E-03
85,000	.430E+03	.100E+01	.281E-04	.686E-06	.278E-07	.529E-02	.460E+01	.322E+02	.239E-03
90,000	.456E+03	.100E+01	.250E-04	.576E-06	.220E-07	.499E-02	.459E+01	.321E+02	.212E-03
95,000	.481E+03	.100E+01	.225E-04	.488E-06	.176E-07	.473E-02	.459E+01	.320E+02	.189E-03
100,000	.506E+03	.100E+01	.202E-04	.417E-06	.143E-07	.449E-02	.458E+01	.319E+02	.170E-03

		C(I)=1,00000		CS1= 5,00		ALBDA= .16			
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.125E+02	,112E+01	0,	0,	0,	0,	0,	0,	0,
3,000	.187E+02	,107E+01	,536E-01	0,	0,	,217E+00	0,	0,	0,
4,000	.250E+02	,105E+01	,209E-01	,347E-01	0,	,138E+00	,115E+02	0,	0,
5,000	.313E+02	,104E+01	,111E-01	,102E-01	,261E-01	,102E+00	,865E+01	,207E+03	,534E+00
6,000	.375E+02	,103E+01	,695E-02	,437E-02	,622E-02	,809E-01	,755E+01	,126E+03	,205E+00
7,000	.438E+02	,102E+01	,475E-02	,228E-02	,225E-02	,672E-01	,697E+01	,967E+02	,109E+00
8,000	.500E+02	,102E+01	,345E-02	,134E-02	,101E-02	,575E-01	,660E+01	,819E+02	,681E-01
9,000	.563E+02	,102E+01	,262E-02	,851E-03	,522E-03	,502E-01	,635E+01	,730E+02	,465E-01
10,000	.625E+02	,102E+01	,206E-02	,576E-03	,297E-03	,446E-01	,617E+01	,670E+02	,338E-01
15,000	.938E+02	,101E+01	,837E-03	,138E-03	,396E-04	,286E-01	,570E+01	,535E+02	,112E-01
20,000	.125E+03	,101E+01	,451E-03	,527E-04	,105E-04	,211E-01	,550E+01	,485E+02	,555E-02
25,000	.156E+03	,101E+01	,282E-03	,255E-04	,388E-05	,167E-01	,539E+01	,459E+02	,330E-02
30,000	.188E+03	,101E+01	,192E-03	,142E-04	,175E-05	,138E-01	,532E+01	,442E+02	,219E-02
35,000	.219E+03	,100E+01	,140E-03	,870E-05	,901E-06	,118E-01	,527E+01	,431E+02	,155E-02
40,000	.250E+03	,100E+01	,106E-03	,572E-05	,510E-06	,103E-01	,523E+01	,424E+02	,116E-02
45,000	.281E+03	,100E+01	,853E-04	,395E-05	,310E-06	,909E-02	,520E+01	,418E+02	,901E-03
50,000	.313E+03	,100E+01	,671E-04	,285E-05	,199E-06	,816E-02	,518E+01	,413E+02	,719E-03
55,000	.344E+03	,100E+01	,552E-04	,212E-05	,134E-06	,741E-02	,517E+01	,409E+02	,587E-03
60,000	.375E+03	,100E+01	,462E-04	,162E-05	,932E-07	,678E-02	,515E+01	,406E+02	,488E-03
65,000	.406E+03	,100E+01	,393E-04	,126E-05	,668E-07	,625E-02	,514E+01	,404E+02	,412E-03
70,000	.438E+03	,100E+01	,338E-04	,101E-05	,492E-07	,580E-02	,513E+01	,401E+02	,353E-03
75,000	.469E+03	,100E+01	,293E-04	,814E-06	,370E-07	,541E-02	,512E+01	,400E+02	,306E-03
80,000	.500E+03	,100E+01	,257E-04	,668E-06	,284E-07	,506E-02	,511E+01	,398E+02	,267E-03
85,000	.531E+03	,100E+01	,228E-04	,554E-06	,221E-07	,476E-02	,511E+01	,397E+02	,236E-03
90,000	.563E+03	,100E+01	,203E-04	,465E-06	,175E-07	,449E-02	,510E+01	,395E+02	,209E-03
95,000	.594E+03	,100E+01	,182E-04	,395E-06	,140E-07	,426E-02	,509E+01	,394E+02	,187E-03
100,000	.625E+03	,100E+01	,164E-04	,337E-06	,114E-07	,404E-02	,509E+01	,393E+02	,168E-03

C(I)=1.00000

CS1= 5.50

ALBDA= .13

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2.000	.151E+02	.110E+01	0.	0.	0.	0.	0.	0.	0.
3.000	.227E+02	.106E+01	.432E-01	0.	0.	.197E+00	0.	0.	0.
4.000	.302E+02	.104E+01	.169E-01	.275E-01	0.	.125E+00	.125E+02	0.	0.
5.000	.378E+02	.103E+01	.909E-02	.816E-02	.204E-01	.926E-01	.941E+01	.244E+03	.519E+00
6.000	.454E+02	.102E+01	.568E-02	.353E-02	.490E-02	.736E-01	.824E+01	.149E+03	.201E+00
7.000	.529E+02	.102E+01	.389E-02	.184E-02	.178E-02	.611E-01	.761E+01	.115E+03	.107E+00
8.000	.605E+02	.102E+01	.283E-02	.109E-02	.805E-03	.523E-01	.722E+01	.977E+02	.670E-01
9.000	.681E+02	.102E+01	.215E-02	.693E-03	.417E-03	.457E-01	.695E+01	.872E+02	.458E-01
10.000	.756E+02	.101E+01	.169E-02	.469E-03	.238E-03	.405E-01	.675E+01	.802E+02	.333E-01
15.000	.113E+03	.101E+01	.689E-03	.113E-03	.319E-04	.260E-01	.625E+01	.643E+02	.111E-01
20.000	.151E+03	.101E+01	.372E-03	.433E-04	.848E-05	.192E-01	.603E+01	.583E+02	.549E-02
25.000	.189E+03	.101E+01	.232E-03	.209E-04	.314E-05	.152E-01	.592E+01	.552E+02	.327E-02
30.000	.227E+03	.100E+01	.159E-03	.117E-04	.142E-05	.125E-01	.584E+01	.533E+02	.216E-02
35.000	.265E+03	.100E+01	.115E-03	.717E-05	.732E-06	.107E-01	.579E+01	.520E+02	.154E-02
40.000	.302E+03	.100E+01	.876E-04	.471E-05	.415E-06	.935E-02	.575E+01	.511E+02	.115E-02
45.000	.340E+03	.100E+01	.687E-04	.326E-05	.252E-06	.827E-02	.572E+01	.504E+02	.892E-03
50.000	.378E+03	.100E+01	.554E-04	.235E-05	.162E-06	.742E-02	.570E+01	.499E+02	.712E-03
55.000	.416E+03	.100E+01	.456E-04	.175E-05	.109E-06	.673E-02	.568E+01	.494E+02	.581E-03
60.000	.454E+03	.100E+01	.382E-04	.133E-05	.758E-07	.616E-02	.566E+01	.491E+02	.484E-03
65.000	.492E+03	.100E+01	.324E-04	.104E-05	.544E-07	.568E-02	.565E+01	.488E+02	.409E-03
70.000	.529E+03	.100E+01	.279E-04	.830E-06	.400E-07	.527E-02	.564E+01	.485E+02	.350E-03
75.000	.567E+03	.100E+01	.242E-04	.672E-06	.301E-07	.491E-02	.563E+01	.483E+02	.303E-03
80.000	.605E+03	.100E+01	.213E-04	.551E-06	.231E-07	.460E-02	.562E+01	.481E+02	.265E-03
85.000	.643E+03	.100E+01	.188E-04	.458E-06	.180E-07	.433E-02	.561E+01	.479E+02	.233E-03
90.000	.681E+03	.100E+01	.167E-04	.384E-06	.142E-07	.409E-02	.561E+01	.478E+02	.207E-03
95.000	.718E+03	.100E+01	.150E-04	.326E-06	.114E-07	.387E-02	.560E+01	.476E+02	.185E-03
100.000	.756E+03	.100E+01	.135E-04	.278E-06	.925E-08	.367E-02	.560E+01	.475E+02	.167E-03

A

24,

C(1)=1.00000

CS1= 6.00

ALBDA= .11

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2.000	.180E+02	.108E+01	0.	0.	0.	0.	0.	0.	0.
3.000	.270E+02	.105E+01	.355E-01	0.	0.	.180E+00	0.	0.	0.
4.000	.360E+02	.103E+01	.140E-01	.224E-01	0.	.115E+00	.135E+02	0.	0.
5.000	.450E+02	.103E+01	.756E-02	.670E-02	.164E-01	.848E-01	.102E+02	.284E+03	.508E+00
6.000	.540E+02	.102E+01	.473E-02	.291E-02	.398E-02	.674E-01	.893E+01	.174E+03	.198E+00
7.000	.630E+02	.102E+01	.324E-02	.153E-02	.145E-02	.560E-01	.826E+01	.135E+03	.106E+00
8.000	.720E+02	.101E+01	.236E-02	.900E-03	.658E-03	.479E-01	.784E+01	.115E+03	.662E-01
9.000	.810E+02	.101E+01	.180E-02	.576E-03	.342E-03	.418E-01	.755E+01	.103E+03	.453E-01
10.000	.900E+02	.101E+01	.141E-02	.390E-03	.195E-03	.372E-01	.734E+01	.946E+02	.330E-01
15.000	.135E+03	.101E+01	.577E-03	.943E-04	.263E-04	.238E-01	.680E+01	.760E+02	.110E-01
20.000	.180E+03	.101E+01	.312E-03	.362E-04	.701E-05	.176E-01	.657E+01	.691E+02	.545E-02
25.000	.225E+03	.100E+01	.195E-03	.175E-04	.260E-05	.139E-01	.644E+01	.655E+02	.324E-02
30.000	.270E+03	.100E+01	.133E-03	.978E-05	.118E-05	.115E-01	.636E+01	.635E+02	.215E-02
35.000	.315E+03	.100E+01	.968E-04	.601E-05	.607E-06	.981E-02	.631E+01	.618E+02	.153E-02
40.000	.360E+03	.100E+01	.735E-04	.395E-05	.344E-06	.855E-02	.627E+01	.607E+02	.114E-02
45.000	.405E+03	.100E+01	.577E-04	.273E-05	.209E-06	.758E-02	.624E+01	.599E+02	.885E-03
50.000	.450E+03	.100E+01	.465E-04	.197E-05	.135E-06	.680E-02	.621E+01	.592E+02	.707E-03
55.000	.495E+03	.100E+01	.383E-04	.147E-05	.904E-07	.611E-02	.619E+01	.587E+02	.577E-03
60.000	.540E+03	.100E+01	.320E-04	.112E-05	.629E-07	.565E-02	.617E+01	.583E+02	.480E-03
65.000	.585E+03	.100E+01	.272E-04	.875E-06	.452E-07	.521E-02	.616E+01	.579E+02	.406E-03
70.000	.630E+03	.100E+01	.234E-04	.697E-06	.332E-07	.483E-02	.615E+01	.576E+02	.347E-03
75.000	.675E+03	.100E+01	.204E-04	.564E-06	.250E-07	.450E-02	.614E+01	.574E+02	.301E-03
80.000	.720E+03	.100E+01	.179E-04	.462E-06	.192E-07	.422E-02	.613E+01	.572E+02	.263E-03
85.000	.765E+03	.100E+01	.158E-04	.384E-06	.150E-07	.397E-02	.612E+01	.570E+02	.232E-03
90.000	.810E+03	.100E+01	.141E-04	.322E-06	.118E-07	.375E-02	.611E+01	.568E+02	.206E-03
95.000	.855E+03	.100E+01	.126E-04	.273E-06	.948E-08	.355E-02	.611E+01	.566E+02	.184E-03
100.000	.900E+03	.100E+01	.114E-04	.234E-06	.768E-08	.337E-02	.610E+01	.565E+02	.166E-03

C(I)=1.00000

CS1= 6.50

ALBDA= .09

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2.000	.211E+02	.107E+01	0.	0.	0.	0.	0.	0.	0.
3.000	.317E+02	.104E+01	.298E-01	0.	0.	.166E+00	0.	0.	0.
4.000	.422E+02	.103E+01	.118E-01	.186E-01	0.	.106E+00	.144E+02	0.	0.
5.000	.528E+02	.102E+01	.639E-02	.560E-02	.135E-01	.783E-01	.110E+02	.327E+03	.500E+00
6.000	.634E+02	.102E+01	.401E-02	.244E-02	.329E-02	.622E-01	.962E+01	.202E+03	.195E+00
7.000	.739E+02	.101E+01	.275E-02	.128E-02	.121E-02	.517E-01	.891E+01	.157E+03	.105E+00
8.000	.845E+02	.101E+01	.200E-02	.759E-03	.549E-03	.442E-01	.846E+01	.134E+03	.655E-01
9.000	.951E+02	.101E+01	.153E-02	.486E-03	.285E-03	.386E-01	.815E+01	.120E+03	.449E-01
10.000	.106E+03	.101E+01	.120E-02	.330E-03	.163E-03	.343E-01	.793E+01	.110E+03	.327E-01
15.000	.158E+03	.101E+01	.491E-03	.800E-04	.221E-04	.220E-01	.736E+01	.888E+02	.109E-01
20.000	.211E+03	.100E+01	.265E-03	.307E-04	.590E-05	.162E-01	.711E+01	.808E+02	.541E-02
25.000	.264E+03	.100E+01	.166E-03	.149E-04	.219E-05	.128E-01	.697E+01	.767E+02	.322E-02
30.000	.317E+03	.100E+01	.113E-03	.832E-05	.991E-06	.106E-01	.689E+01	.741E+02	.213E-02
35.000	.370E+03	.100E+01	.824E-04	.511E-05	.512E-06	.905E-02	.683E+01	.724E+02	.152E-02
40.000	.422E+03	.100E+01	.626E-04	.336E-05	.290E-06	.789E-02	.678E+01	.711E+02	.113E-02
45.000	.475E+03	.100E+01	.491E-04	.232E-05	.177E-06	.699E-02	.675E+01	.702E+02	.880E-03
50.000	.528E+03	.100E+01	.396E-04	.168E-05	.114E-06	.628E-02	.672E+01	.694E+02	.703E-03
55.000	.581E+03	.100E+01	.326E-04	.125E-05	.763E-07	.570E-02	.670E+01	.688E+02	.574E-03
60.000	.634E+03	.100E+01	.273E-04	.953E-06	.531E-07	.522E-02	.669E+01	.683E+02	.477E-03
65.000	.687E+03	.100E+01	.232E-04	.745E-06	.381E-07	.481E-02	.667E+01	.679E+02	.403E-03
70.000	.739E+03	.100E+01	.199E-04	.593E-06	.281E-07	.446E-02	.666E+01	.676E+02	.345E-03
75.000	.792E+03	.100E+01	.173E-04	.480E-06	.211E-07	.416E-02	.665E+01	.673E+02	.299E-03
80.000	.845E+03	.100E+01	.152E-04	.394E-06	.162E-07	.390E-02	.664E+01	.670E+02	.261E-03
85.000	.898E+03	.100E+01	.134E-04	.327E-06	.126E-07	.366E-02	.663E+01	.668E+02	.230E-03
90.000	.951E+03	.100E+01	.120E-04	.275E-06	.999E-08	.346E-02	.662E+01	.666E+02	.205E-03
95.000	.100E+04	.100E+01	.107E-04	.233E-06	.800E-08	.327E-02	.662E+01	.664E+02	.183E-03
100.000	.106E+04	.100E+01	.968E-05	.199E-06	.649E-08	.311E-02	.661E+01	.663E+02	.165E-03

ALPHA	AL/LAM	C(1)=1.00000		CS1= 7.00		ALBDA= .08		CKLP	VARCV
		AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP		
2.000	.245E+02	.106E+01	0.	0.	0.	0.	0.	0.	0.
3.000	.367E+02	.103E+01	.254E-01	0.	0.	.154E+00	0.	0.	0.
4.000	.490E+02	.102E+01	.101E-01	.157E-01	0.	.983E-01	.154E+02	0.	0.
5.000	.613E+02	.102E+01	.548E-02	.476E-02	.113E-01	.727E-01	.117E+02	.375E+03	.493E+00
6.000	.735E+02	.101E+01	.344E-02	.208E-02	.278E-02	.578E-01	.103E+02	.232E+03	.193E+00
7.000	.857E+02	.101E+01	.236E-02	.110E-02	.102E-02	.480E-01	.956E+01	.180E+03	.104E+00
8.000	.980E+02	.101E+01	.172E-02	.649E-03	.465E-03	.410E-01	.909E+01	.154E+03	.650E-01
9.000	.110E+03	.101E+01	.131E-02	.416E-03	.242E-03	.359E-01	.876E+01	.138E+03	.446E-01
10.000	.123E+03	.101E+01	.103E-02	.283E-03	.139E-03	.319E-01	.852E+01	.127E+03	.325E-01
15.000	.184E+03	.101E+01	.422E-03	.687E-04	.188E-04	.204E-01	.791E+01	.103E+03	.109E-01
20.000	.245E+03	.100E+01	.228E-03	.264E-04	.503E-05	.150E-01	.765E+01	.935E+02	.558E-02
25.000	.306E+03	.100E+01	.143E-03	.128E-04	.187E-05	.119E-01	.751E+01	.887E+02	.320E-02
30.000	.367E+03	.100E+01	.977E-04	.716E-05	.847E-06	.986E-02	.741E+01	.858E+02	.212E-02
35.000	.429E+03	.100E+01	.710E-04	.440E-05	.437E-06	.841E-02	.735E+01	.838E+02	.151E-02
40.000	.490E+03	.100E+01	.539E-04	.289E-05	.248E-06	.733E-02	.730E+01	.824E+02	.113E-02
45.000	.551E+03	.100E+01	.423E-04	.200E-05	.151E-06	.649E-02	.727E+01	.813E+02	.876E-03
50.000	.613E+03	.100E+01	.341E-04	.144E-05	.971E-07	.583E-02	.724E+01	.804E+02	.699E-03
55.000	.674E+03	.100E+01	.281E-04	.107E-05	.653E-07	.529E-02	.722E+01	.798E+02	.571E-03
60.000	.735E+03	.100E+01	.235E-04	.821E-06	.455E-07	.484E-02	.720E+01	.792E+02	.475E-03
65.000	.796E+03	.100E+01	.200E-04	.642E-06	.326E-07	.446E-02	.718E+01	.787E+02	.402E-03
70.000	.858E+03	.100E+01	.172E-04	.511E-06	.240E-07	.414E-02	.717E+01	.783E+02	.344E-03
75.000	.919E+03	.100E+01	.149E-04	.413E-06	.181E-07	.386E-02	.716E+01	.780E+02	.298E-03
80.000	.980E+03	.100E+01	.131E-04	.339E-06	.139E-07	.362E-02	.715E+01	.777E+02	.260E-03
85.000	.104E+04	.100E+01	.116E-04	.282E-06	.108E-07	.340E-02	.714E+01	.774E+02	.229E-03
90.000	.110E+04	.100E+01	.103E-04	.237E-06	.855E-08	.321E-02	.713E+01	.772E+02	.204E-03
95.000	.116E+04	.100E+01	.926E-05	.201E-06	.685E-08	.304E-02	.712E+01	.770E+02	.182E-03
100.000	.122E+04	.100E+01	.834E-05	.171E-06	.556E-08	.289E-02	.712E+01	.768E+02	.164E-03

ALPHA	AL/LAM	C(1)=1,00000		CS1= 7.50		ALBDA= .07		CKLP	VARCV
		AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP		
2.000	.281E+02	.105E+01	0.	0.	0.	0.	0.	0.	0.
3.000	.422E+02	.103E+01	.219E-01	0.	0.	.144E+00	0.	0.	0.
4.000	.503E+02	.102E+01	.876E-02	.135E-01	0.	.917E-01	.164E+02	0.	0.
5.000	.703E+02	.102E+01	.475E-02	.410E-02	.965E-02	.678E-01	.125E+02	.425E+03	.487E+00
6.000	.844E+02	.101E+01	.298E-02	.180E-02	.238E-02	.539E-01	.110E+02	.264E+03	.192E+00
7.000	.984E+02	.101E+01	.205E-02	.948E-03	.876E-03	.448E-01	.102E+02	.206E+03	.103E+00
8.000	.113E+03	.101E+01	.150E-02	.562E-03	.399E-03	.385E-01	.971E+01	.176E+03	.646E-01
9.000	.127E+03	.101E+01	.114E-02	.360E-03	.208E-03	.335E-01	.937E+01	.157E+03	.443E-01
10.000	.141E+03	.101E+01	.897E-03	.245E-03	.119E-03	.297E-01	.912E+01	.145E+03	.323E-01
15.000	.211E+03	.100E+01	.367E-03	.596E-04	.163E-04	.191E-01	.847E+01	.118E+03	.108E-01
20.000	.281E+03	.100E+01	.199E-03	.229E-04	.435E-05	.140E-01	.819E+01	.107E+03	.536E-02
25.000	.352E+03	.100E+01	.124E-03	.111E-04	.162E-05	.111E-01	.804E+01	.102E+03	.319E-02
30.000	.422E+03	.100E+01	.850E-04	.622E-05	.732E-06	.920E-02	.794E+01	.983E+02	.212E-02
35.000	.492E+03	.100E+01	.618E-04	.382E-05	.378E-06	.784E-02	.787E+01	.961E+02	.151E-02
40.000	.563E+03	.100E+01	.469E-04	.252E-05	.215E-06	.684E-02	.782E+01	.944E+02	.113E-02
45.000	.633E+03	.100E+01	.369E-04	.174E-05	.131E-06	.606E-02	.778E+01	.932E+02	.873E-03
50.000	.703E+03	.100E+01	.297E-04	.126E-05	.841E-07	.544E-02	.775E+01	.923E+02	.697E-03
55.000	.773E+03	.100E+01	.245E-04	.935E-06	.565E-07	.494E-02	.773E+01	.915E+02	.569E-03
60.000	.844E+03	.100E+01	.205E-04	.715E-06	.394E-07	.452E-02	.771E+01	.908E+02	.474E-03
65.000	.914E+03	.100E+01	.174E-04	.558E-06	.283E-07	.417E-02	.769E+01	.903E+02	.400E-03
70.000	.984E+03	.100E+01	.150E-04	.445E-06	.208E-07	.386E-02	.768E+01	.899E+02	.343E-03
75.000	.105E+04	.100E+01	.130E-04	.360E-06	.157E-07	.360E-02	.767E+01	.895E+02	.297E-03
80.000	.113E+04	.100E+01	.114E-04	.295E-06	.120E-07	.338E-02	.766E+01	.891E+02	.259E-03
85.000	.120E+04	.100E+01	.101E-04	.245E-06	.936E-08	.317E-02	.765E+01	.888E+02	.229E-03
90.000	.127E+04	.100E+01	.899E-05	.206E-06	.741E-08	.300E-02	.764E+01	.886E+02	.203E-03
95.000	.134E+04	.100E+01	.806E-05	.175E-06	.594E-08	.284E-02	.763E+01	.884E+02	.182E-03
100.000	.141E+04	.100E+01	.727E-05	.149E-06	.481E-08	.269E-02	.762E+01	.881E+02	.163E-03

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
2,000	.320E+02	.104E+01	0.	0.	0.	0.	0.	0.	0.
3,000	.480E+02	.103E+01	.191E-01	0.	0.	.135E+00	0.	0.	0.
4,000	.640E+02	.102E+01	.766E-02	.117E-01	0.	.860E-01	.174E+02	0.	0.
5,000	.800E+02	.101E+01	.416E-02	.357E-02	.833E-02	.636E-01	.133E+02	.479E+03	.483E+00
6,000	.960E+02	.101E+01	.261E-02	.157E-02	.206E-02	.505E-01	.117E+02	.298E+03	.190E+00
7,000	.112E+03	.101E+01	.180E-02	.828E-03	.760E-03	.420E-01	.109E+02	.233E+03	.103E+00
8,000	.128E+03	.101E+01	.131E-02	.491E-03	.347E-03	.359E-01	.103E+02	.199E+03	.643E-01
9,000	.144E+03	.101E+01	.999E-03	.315E-03	.181E-03	.314E-01	.998E+01	.178E+03	.441E-01
10,000	.160E+03	.101E+01	.787E-03	.214E-03	.104E-03	.279E-01	.971E+01	.165E+03	.321E-01
15,000	.240E+03	.100E+01	.323E-03	.523E-04	.142E-04	.179E-01	.902E+01	.133E+03	.108E-01
20,000	.320E+03	.100E+01	.175E-03	.201E-04	.380E-05	.132E-01	.873E+01	.122E+03	.534E-02
25,000	.400E+03	.100E+01	.109E-03	.977E-05	.141E-05	.104E-01	.857E+01	.116E+03	.318E-02
30,000	.480E+03	.100E+01	.747E-04	.546E-05	.640E-06	.862E-02	.846E+01	.112E+03	.211E-02
35,000	.560E+03	.100E+01	.543E-04	.336E-05	.331E-06	.735E-02	.839E+01	.109E+03	.150E-02
40,000	.640E+03	.100E+01	.412E-04	.221E-05	.188E-06	.641E-02	.834E+01	.107E+03	.112E-02
45,000	.720E+03	.100E+01	.324E-04	.153E-05	.114E-06	.568E-02	.830E+01	.106E+03	.870E-03
50,000	.800E+03	.100E+01	.261E-04	.110E-05	.735E-07	.510E-02	.827E+01	.105E+03	.695E-03
55,000	.880E+03	.100E+01	.215E-04	.821E-06	.494E-07	.463E-02	.824E+01	.104E+03	.567E-03
60,000	.960E+03	.100E+01	.180E-04	.628E-06	.344E-07	.424E-02	.822E+01	.103E+03	.472E-03
65,000	.104E+04	.100E+01	.153E-04	.491E-06	.247E-07	.391E-02	.820E+01	.103E+03	.399E-03
70,000	.112E+04	.100E+01	.132E-04	.391E-06	.182E-07	.362E-02	.819E+01	.102E+03	.342E-03
75,000	.120E+04	.100E+01	.114E-04	.316E-06	.137E-07	.338E-02	.818E+01	.102E+03	.296E-03
80,000	.128E+04	.100E+01	.100E-04	.259E-06	.105E-07	.316E-02	.816E+01	.101E+03	.259E-03
85,000	.136E+04	.100E+01	.887E-05	.215E-06	.819E-08	.298E-02	.815E+01	.101E+03	.228E-03
90,000	.144E+04	.100E+01	.790E-05	.181E-06	.648E-08	.281E-02	.815E+01	.101E+03	.203E-03
95,000	.152E+04	.100E+01	.708E-05	.153E-06	.519E-08	.266E-02	.814E+01	.100E+03	.181E-03
100,000	.160E+04	.100E+01	.639E-05	.131E-06	.421E-08	.253E-02	.813E+01	.100E+03	.163E-03

		C(I)=1.00000		CS1= 8.50		ALBDA= .06				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
2,000	.361E+02	.104E+01	0.	0.	0.	0.	0.	0.	0.	
3,000	.542E+02	.102E+01	.168E-01	0.	0.	.127E+00	0.	0.	0.	
4,000	.722E+02	.102E+01	.675E-02	.102E-01	0.	.809E-01	.185E+02	0.	0.	
5,000	.903E+02	.101E+01	.367E-02	.314E-02	.727E-02	.598E-01	.141E+02	.537E+03	.479E+00	
6,000	.108E+03	.101E+01	.231E-02	.138E-02	.180E-02	.476E-01	.124E+02	.335E+03	.189E+00	
7,000	.126E+03	.101E+01	.159E-02	.730E-03	.666E-03	.395E-01	.115E+02	.261E+03	.102E+00	
8,000	.144E+03	.101E+01	.116E-02	.433E-03	.304E-03	.338E-01	.110E+02	.224E+03	.640E-01	
9,000	.163E+03	.101E+01	.884E-03	.278E-03	.159E-03	.295E-01	.106E+02	.201E+03	.439E-01	
10,000	.181E+03	.101E+01	.696E-03	.189E-03	.912E-04	.262E-01	.103E+02	.185E+03	.320E-01	
15,000	.271E+03	.100E+01	.285E-03	.462E-04	.125E-04	.168E-01	.958E+01	.150E+03	.107E-01	
20,000	.361E+03	.100E+01	.154E-03	.178E-04	.334E-05	.124E-01	.927E+01	.137E+03	.532E-02	
25,000	.452E+03	.100E+01	.966E-04	.864E-05	.124E-05	.981E-02	.910E+01	.130E+03	.317E-02	
30,000	.542E+03	.100E+01	.661E-04	.483E-05	.564E-06	.812E-02	.899E+01	.126E+03	.210E-02	
35,000	.632E+03	.100E+01	.481E-04	.297E-05	.292E-06	.692E-02	.891E+01	.123E+03	.150E-02	
40,000	.722E+03	.100E+01	.365E-04	.195E-05	.165E-06	.603E-02	.886E+01	.121E+03	.112E-02	
45,000	.813E+03	.100E+01	.287E-04	.135E-05	.101E-06	.535E-02	.882E+01	.120E+03	.868E-03	
50,000	.903E+03	.100E+01	.231E-04	.976E-06	.648E-07	.480E-02	.878E+01	.118E+03	.693E-03	
55,000	.993E+03	.100E+01	.190E-04	.727E-06	.436E-07	.436E-02	.876E+01	.117E+03	.566E-03	
60,000	.108E+04	.100E+01	.159E-04	.556E-06	.304E-07	.399E-02	.873E+01	.117E+03	.471E-03	
65,000	.117E+04	.100E+01	.135E-04	.434E-06	.218E-07	.368E-02	.872E+01	.116E+03	.398E-03	
70,000	.126E+04	.100E+01	.116E-04	.346E-06	.161E-07	.341E-02	.870E+01	.115E+03	.341E-03	A 30,
75,000	.135E+04	.100E+01	.101E-04	.280E-06	.121E-07	.318E-02	.869E+01	.115E+03	.295E-03	
80,000	.144E+04	.100E+01	.888E-05	.230E-06	.927E-08	.298E-02	.867E+01	.114E+03	.258E-03	
85,000	.154E+04	.100E+01	.786E-05	.191E-06	.722E-08	.280E-02	.866E+01	.114E+03	.227E-03	
90,000	.163E+04	.100E+01	.700E-05	.160E-06	.572E-08	.264E-02	.865E+01	.114E+03	.202E-03	
95,000	.172E+04	.100E+01	.627E-05	.136E-06	.458E-08	.250E-02	.865E+01	.113E+03	.181E-03	
100,000	.181E+04	.100E+01	.566E-05	.116E-06	.371E-08	.238E-02	.864E+01	.113E+03	.163E-03	

		C(I)=1.00000	CS1= 9.00	ALBDA= .05						
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
2.000	.405E+02	.103E+01	0.	0.	0.	0.	0.	0.	0.	
3.000	.607E+02	.102E+01	.149E-01	0.	0.	.120E+00	0.	0.	0.	
4.000	.810E+02	.101E+01	.600E-02	.905E-02	0.	.764E-01	.195E+02	0.	0.	
5.000	.101E+03	.101E+01	.326E-02	.278E-02	.640E-02	.565E-01	.149E+02	.598E+03	.476E+00	
6.000	.121E+03	.101E+01	.205E-02	.122E-02	.159E-02	.449E-01	.131E+02	.374E+03	.188E+00	
7.000	.142E+03	.101E+01	.141E-02	.648E-03	.589E-03	.373E-01	.122E+02	.292E+03	.102E+00	
8.000	.162E+03	.101E+01	.103E-02	.385E-03	.269E-03	.319E-01	.116E+02	.250E+03	.637E-01	
9.000	.182E+03	.101E+01	.787E-03	.247E-03	.141E-03	.279E-01	.112E+02	.224E+03	.438E-01	
10.000	.202E+03	.101E+01	.620E-03	.168E-03	.808E-04	.248E-01	.109E+02	.207E+03	.319E-01	
15.000	.304E+03	.100E+01	.254E-03	.411E-04	.111E-04	.159E-01	.101E+02	.168E+03	.107E-01	
20.000	.405E+03	.100E+01	.158E-03	.159E-04	.297E-05	.117E-01	.981E+01	.154E+03	.531E-02	
25.000	.506E+03	.100E+01	.862E-04	.770E-05	.111E-05	.926E-02	.963E+01	.146E+03	.317E-02	
30.000	.607E+03	.100E+01	.590E-04	.431E-05	.501E-06	.767E-02	.952E+01	.141E+03	.210E-02	
35.000	.709E+03	.100E+01	.429E-04	.265E-05	.259E-06	.654E-02	.944E+01	.138E+03	.149E-02	
40.000	.810E+03	.100E+01	.326E-04	.174E-05	.147E-06	.570E-02	.938E+01	.136E+03	.112E-02	
45.000	.911E+03	.100E+01	.256E-04	.121E-05	.896E-07	.505E-02	.933E+01	.134E+03	.866E-03	
50.000	.101E+04	.100E+01	.206E-04	.870E-06	.576E-07	.454E-02	.930E+01	.133E+03	.691E-03	
55.000	.111E+04	.100E+01	.170E-04	.648E-06	.387E-07	.412E-02	.927E+01	.132E+03	.565E-03	
60.000	.121E+04	.100E+01	.142E-04	.495E-06	.270E-07	.377E-02	.925E+01	.131E+03	.470E-03	
65.000	.132E+04	.100E+01	.121E-04	.387E-06	.194E-07	.347E-02	.923E+01	.130E+03	.397E-03	
70.000	.142E+04	.100E+01	.104E-04	.308E-06	.143E-07	.322E-02	.921E+01	.129E+03	.340E-03	
75.000	.152E+04	.100E+01	.903E-05	.250E-06	.107E-07	.300E-02	.920E+01	.129E+03	.294E-03	
80.000	.162E+04	.100E+01	.792E-05	.205E-06	.824E-08	.281E-02	.918E+01	.128E+03	.257E-03	
85.000	.172E+04	.100E+01	.701E-05	.170E-06	.642E-08	.265E-02	.917E+01	.128E+03	.227E-03	
90.000	.182E+04	.100E+01	.624E-05	.143E-06	.508E-08	.250E-02	.916E+01	.127E+03	.202E-03	
95.000	.192E+04	.100E+01	.559E-05	.121E-06	.407E-08	.236E-02	.915E+01	.127E+03	.180E-03	
100.000	.202E+04	.100E+01	.504E-05	.104E-06	.330E-08	.224E-02	.915E+01	.127E+03	.162E-03	

B

$\alpha > 0$, logarithme décimal

C(I)=2,30259

CS1= .20

ALBDA=100,00

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3.000	.300E+01	.231E+64	0.	0.	0.	0.	0.	0.	0.
4.000	.400E+01	.169E+38	0.	0.	0.	0.	0.	0.	0.
5.000	.500E+01	.634E+27	.180E+111	0.	0.	.212E+29	0.	0.	0.
6.000	.600E+01	.106E+22	.231E+64	0.	0.	.453E+11	0.	0.	0.
7.000	.700E+01	.211E+18	.382E+47	.104E+89	0.	.927E+06	.139E+19	0.	0.
8.000	.800E+01	.551E+15	.169E+38	.300E+87	0.	.745E+04	.433E+31	0.	0.
9.000	.900E+01	.682E+13	.135E+32	.231E+64	0.	.539E+03	.466E+17	0.	0.
10.000	.100E+00	.232E+12	.634E+27	.939E+51	.180E+111	.109E+03	.588E+11	.448E+57	.132E+61
15.000	.150E+00	.175E+08	.816E+16	.634E+27	.221E+42	.523E+01	.860E+03	.331E+10	.226E+11
20.000	.200E+00	.205E+06	.190E+12	.240E+19	.632E+27	.212E+01	.289E+02	.175E+05	.195E+05
25.000	.250E+00	.157E+05	.448E+09	.858E+14	.844E+20	.135E+01	.905E+01	.417E+03	.171E+03
30.000	.300E+00	.294E+04	.864E+07	.130E+12	.640E+16	.100E+01	.513E+01	.827E+02	.171E+02
35.000	.350E+00	.903E+03	.525E+06	.138E+10	.101E+14	.803E+00	.363E+01	.337E+02	.428E+01
40.000	.400E+00	.376E+03	.640E+05	.460E+08	.888E+11	.673E+00	.284E+01	.187E+02	.168E+01
45.000	.450E+00	.191E+03	.123E+05	.324E+07	.231E+10	.581E+00	.237E+01	.122E+02	.848E+00
50.000	.500E+00	.112E+03	.327E+04	.382E+06	.126E+09	.513E+00	.204E+01	.874E+01	.500E+00
55.000	.550E+00	.720E+02	.109E+04	.651E+05	.115E+08	.459E+00	.180E+01	.667E+01	.326E+00
60.000	.600E+00	.501E+02	.433E+03	.146E+05	.156E+07	.416E+00	.162E+01	.531E+01	.229E+00
65.000	.650E+00	.368E+02	.196E+03	.408E+04	.284E+06	.380E+00	.148E+01	.437E+01	.170E+00
70.000	.700E+00	.284E+02	.987E+02	.134E+04	.651E+05	.350E+00	.137E+01	.368E+01	.131E+00
75.000	.750E+00	.226E+02	.540E+02	.505E+03	.179E+05	.325E+00	.127E+01	.317E+01	.104E+00
80.000	.800E+00	.185E+02	.316E+02	.212E+03	.575E+04	.303E+00	.119E+01	.276E+01	.846E-01
85.000	.850E+00	.156E+02	.196E+02	.974E+02	.209E+04	.284E+00	.112E+01	.244E+01	.703E-01
90.000	.900E+00	.134E+02	.127E+02	.483E+02	.839E+03	.267E+00	.106E+01	.218E+01	.594E-01
95.000	.950E+00	.116E+02	.861E+01	.256E+02	.368E+03	.252E+00	.101E+01	.197E+01	.509E-01
100.000	.100E+01	.103E+02	.603E+01	.143E+02	.174E+03	.239E+00	.966E+00	.179E+01	.441E-01

B
1

C(I)=2,30259

CS1= .30

ALBDA= 44,44

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.675E-01	.145E+29	0.	0.	0.	0.	0.	0.	0.
4,000	.900E-01	.351E+17	0.	0.	0.	0.	0.	0.	0.
5,000	.112E+00	.817E+12	.101E+50	0.	0.	.388E+13	0.	0.	0.
6,000	.135E+00	.221E+10	.145E+29	0.	0.	.545E+05	0.	0.	0.
7,000	.157E+00	.501E+08	.505E+21	.365E+84	0.	.449E+03	.322E+53	0.	0.
8,000	.180E+00	.356E+07	.351E+17	.272E+39	0.	.526E+02	.413E+14	0.	0.
9,000	.202E+00	.506E+06	.682E+14	.145E+29	0.	.163E+02	.257E+08	0.	0.
10,000	.225E+00	.113E+06	.804E+12	.451E+23	.101E+50	.797E+01	.626E+05	.156E+26	.247E+27
15,000	.337E+00	.165E+04	.928E+07	.766E+12	.237E+19	.185E+01	.271E+02	.275E+05	.233E+05
20,000	.450E+00	.230E+03	.599E+05	.975E+08	.706E+12	.107E+01	.666E+01	.194E+03	.489E+02
25,000	.562E+00	.733E+02	.314E+04	.663E+06	.416E+09	.764E+00	.378E+01	.394E+02	.469E+01
30,000	.675E+00	.348E+02	.437E+03	.249E+05	.390E+07	.601E+00	.272E+01	.174E+02	.129E+01
35,000	.787E+00	.206E+02	.105E+03	.233E+04	.146E+06	.497E+00	.217E+01	.103E+02	.555E+00
40,000	.900E+00	.139E+02	.351E+02	.383E+03	.124E+05	.425E+00	.184E+01	.706E+01	.301E+00
45,000	.101E+01	.103E+02	.147E+02	.908E+02	.179E+04	.372E+00	.161E+01	.527E+01	.188E+00
50,000	.112E+01	.813E+01	.722E+01	.279E+02	.373E+03	.331E+00	.144E+01	.415E+01	.128E+00
55,000	.124E+01	.669E+01	.397E+01	.104E+02	.101E+03	.298E+00	.131E+01	.540E+01	.929E-01
60,000	.135E+01	.569E+01	.238E+01	.443E+01	.332E+02	.271E+00	.121E+01	.286E+01	.706E-01
65,000	.146E+01	.497E+01	.153E+01	.212E+01	.127E+02	.249E+00	.113E+01	.247E+01	.556E-01
70,000	.157E+01	.442E+01	.103E+01	.111E+01	.550E+01	.230E+00	.106E+01	.216E+01	.449E-01
75,000	.169E+01	.400E+01	.729E+00	.622E+00	.262E+01	.214E+00	.999E+00	.192E+01	.371E-01
80,000	.180E+01	.366E+01	.534E+00	.371E+00	.135E+01	.200E+00	.950E+00	.173E+01	.312E-01
85,000	.191E+01	.339E+01	.403E+00	.232E+00	.742E+00	.187E+00	.907E+00	.157E+01	.266E-01
90,000	.202E+01	.316E+01	.312E+00	.151E+00	.431E+00	.176E+00	.870E+00	.144E+01	.230E-01
95,000	.214E+01	.298E+01	.246E+00	.102E+00	.263E+00	.167E+00	.837E+00	.133E+01	.200E-01
100,000	.225E+01	.282E+01	.198E+00	.713E-01	.166E+00	.158E+00	.807E+00	.123E+01	.177E-01

C(1)=2,30259

CS1= .40

ALBDA= 25,00

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(5)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3.000	.120E+00	.693E+16	0.	0.	0.	0.	0.	0.	0.
4.000	.160E+00	.203E+10	0.	0.	0.	0.	0.	0.	0.
5.000	.200E+00	.502E+07	.366E+28	0.	0.	.121E+08	0.	0.	0.
6.000	.240E+00	.180E+06	.693E+16	0.	0.	.461E+03	0.	0.	0.
7.000	.280E+00	.214E+05	.442E+12	.101E+48	0.	.310E+02	.344E+30	0.	0.
8.000	.320E+00	.485E+04	.200E+10	.416E+22	0.	.924E+01	.464E+08	0.	0.
9.000	.360E+00	.162E+04	.580E+08	.693E+16	0.	.471E+01	.157E+05	0.	0.
10.000	.400E+00	.694E+03	.454E+07	.553E+13	.366E+28	.307E+01	.572E+03	.178E+15	.419E+15
15.000	.600E+00	.645E+02	.543E+04	.370E+07	.206E+11	.114E+01	.924E+01	.694E+03	.215E+03
20.000	.800E+00	.213E+02	.241E+03	.148E+05	.290E+07	.730E+00	.396E+01	.468E+02	.525E+01
25.000	.100E+01	.112E+02	.370E+02	.598E+03	.272E+05	.543E+00	.266E+01	.169E+02	.105E+01
30.000	.120E+01	.736E+01	.103E+02	.682E+02	.131E+04	.435E+00	.207E+01	.940E+01	.404E+00
35.000	.140E+01	.548E+01	.398E+01	.138E+02	.147E+03	.364E+00	.174E+01	.630E+01	.209E+00
40.000	.160E+01	.440E+01	.190E+01	.397E+01	.277E+02	.313E+00	.152E+01	.468E+01	.127E+00
45.000	.180E+01	.372E+01	.104E+01	.145E+01	.730E+01	.275E+00	.136E+01	.370E+01	.850E-01
50.000	.200E+01	.325E+01	.634E+00	.628E+00	.243E+01	.245E+00	.124E+01	.305E+01	.611E-01
55.000	.220E+01	.291E+01	.415E+00	.308E+00	.964E+00	.221E+00	.115E+01	.259E+01	.461E-01
60.000	.240E+01	.266E+01	.288E+00	.166E+00	.435E+00	.202E+00	.108E+01	.225E+01	.360E-01
65.000	.260E+01	.246E+01	.208E+00	.969E-01	.217E+00	.185E+00	.102E+01	.200E+01	.290E-01
70.000	.280E+01	.231E+01	.156E+00	.599E-01	.117E+00	.171E+00	.969E+00	.179E+01	.238E-01
75.000	.300E+01	.218E+01	.121E+00	.389E-01	.676E-01	.159E+00	.927E+00	.163E+01	.200E-01
80.000	.320E+01	.208E+01	.957E-01	.263E-01	.412E-01	.149E+00	.890E+00	.150E+01	.170E-01
85.000	.340E+01	.199E+01	.773E-01	.185E-01	.262E-01	.140E+00	.859E+00	.139E+01	.146E-01
90.000	.360E+01	.191E+01	.635E-01	.133E-01	.173E-01	.132E+00	.831E+00	.129E+01	.127E-01
95.000	.380E+01	.185E+01	.530E-01	.985E-02	.118E-01	.125E+00	.806E+00	.121E+01	.112E-01
100.000	.400E+01	.179E+01	.448E-01	.745E-02	.833E-02	.118E+00	.784E+00	.114E+01	.989E-02

C(1)=2,30259			CS1= .50		ALBDA= 16,00				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.187E+00	.137E+11	0.	0.	0.	0.	0.	0.	0.
4,000	.250E+00	.904E+06	0.	0.	0.	0.	0.	0.	0.
5,000	.312E+00	.194E+05	.437E+18	0.	0.	.341E+05	0.	0.	0.
6,000	.375E+00	.231E+04	.137E+11	0.	0.	.507E+02	0.	0.	0.
7,000	.437E+00	.591E+03	.280E+08	.121E+31	0.	.896E+01	.814E+19	0.	0.
8,000	.500E+00	.228E+03	.852E+06	.686E+14	0.	.404E+01	.872E+05	0.	0.
9,000	.562E+00	.113E+03	.829E+05	.137E+11	0.	.255E+01	.575E+03	0.	0.
10,000	.625E+00	.658E+02	.151E+05	.140E+09	.437E+18	.187E+01	.754E+02	.192E+10	.167E+10
15,000	.937E+00	.144E+02	.146E+03	.101E+05	.331E+07	.841E+00	.571E+01	.151E+03	.242E+02
20,000	.125E+01	.708E+01	.157E+02	.191E+03	.678E+04	.560E+00	.305E+01	.244E+02	.163E+01
25,000	.156E+01	.469E+01	.396E+01	.175E+02	.222E+03	.424E+00	.222E+01	.111E+02	.454E+00
30,000	.187E+01	.359E+01	.151E+01	.336E+01	.227E+02	.343E+00	.181E+01	.693E+01	.203E+00
35,000	.219E+01	.297E+01	.731E+00	.974E+00	.426E+01	.288E+00	.156E+01	.498E+01	.114E+00
40,000	.250E+01	.258E+01	.411E+00	.367E+00	.116E+01	.248E+00	.139E+01	.387E+01	.750E+01
45,000	.281E+01	.232E+01	.256E+00	.165E+00	.405E+00	.218E+00	.127E+01	.318E+01	.508E+01
50,000	.312E+01	.213E+01	.172E+00	.841E-01	.169E+00	.195E+00	.118E+01	.270E+01	.374E+01
55,000	.344E+01	.198E+01	.122E+00	.472E-01	.797E-01	.176E+00	.111E+01	.236E+01	.287E+01
60,000	.375E+01	.187E+01	.904E-01	.285E-01	.416E-01	.161E+00	.105E+01	.210E+01	.228E+01
65,000	.406E+01	.178E+01	.692E-01	.183E-01	.235E-01	.148E+00	.100E+01	.189E+01	.185E+01
70,000	.437E+01	.171E+01	.545E-01	.122E-01	.141E-01	.137E+00	.962E+00	.173E+01	.153E+01
75,000	.469E+01	.165E+01	.439E-01	.854E-02	.887E-02	.127E+00	.928E+00	.160E+01	.129E+01
80,000	.500E+01	.160E+01	.360E-01	.615E-02	.584E-02	.119E+00	.899E+00	.149E+01	.110E+01
85,000	.531E+01	.155E+01	.301E-01	.455E-02	.398E-02	.112E+00	.873E+00	.140E+01	.956E+02
90,000	.562E+01	.151E+01	.254E-01	.345E-02	.280E-02	.105E+00	.851E+00	.132E+01	.835E+02
95,000	.594E+01	.148E+01	.218E-01	.267E-02	.202E-02	.996E-01	.831E+00	.126E+01	.735E+02
100,000	.625E+01	.145E+01	.188E-01	.210E-02	.149E-02	.945E-01	.813E+00	.120E+01	.653E+02

B
F

C(1)=2,30259

CS1= .60

ALBDA= 11.11

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VAREV
3,000	.270E+00	.110E+08	0.	0.	0.	0.	0.	0.	0.
4,000	.360E+00	.137E+05	0.	0.	0.	0.	0.	0.	0.
5,000	.450E+00	.951E+03	.178E+13	0.	0.	.140E+04	0.	0.	0.
6,000	.540E+00	.217E+03	.109E+08	0.	0.	.152E+02	0.	0.	0.
7,000	.630E+00	.841E+02	.143E+06	.777E+21	0.	.449E+01	.144E+14	0.	0.
8,000	.720E+00	.434E+02	.118E+05	.406E+10	0.	.250E+01	.317E+04	0.	0.
9,000	.810E+00	.267E+02	.217E+04	.108E+08	0.	.175E+01	.107E+03	0.	0.
10,000	.900E+00	.183E+02	.615E+03	.421E+06	.178E+13	.135E+01	.276E+02	.471E+07	.216E+07
15,000	.135E+01	.637E+01	.183E+02	.343E+05	.244E+05	.671E+00	.440E+01	.702E+02	.700E+01
20,000	.180E+01	.389E+01	.316E+01	.149E+02	.202E+03	.457E+00	.264E+01	.171E+02	.790E+00
25,000	.225E+01	.293E+01	.104E+01	.215E+01	.130E+02	.349E+00	.202E+01	.892E+01	.261E+00
30,000	.270E+01	.243E+01	.472E+00	.550E+00	.200E+01	.283E+00	.169E+01	.595E+01	.127E+00
35,000	.315E+01	.213E+01	.258E+00	.195E+00	.496E+00	.238E+00	.149E+01	.447E+01	.749E-01
40,000	.360E+01	.193E+01	.158E+00	.853E-01	.165E+00	.206E+00	.135E+01	.360E+01	.493E-01
45,000	.405E+01	.179E+01	.106E+00	.431E-01	.674E-01	.181E+00	.125E+01	.303E+01	.350E+01
50,000	.450E+01	.169E+01	.749E-01	.241E-01	.316E-01	.162E+00	.118E+01	.264E+01	.261E+01
55,000	.495E+01	.161E+01	.555E-01	.146E-01	.165E-01	.146E+00	.112E+01	.235E+01	.203E+01
60,000	.540E+01	.154E+01	.426E-01	.940E-02	.931E-02	.134E+00	.107E+01	.212E+01	.162E+01
65,000	.585E+01	.149E+01	.337E-01	.635E-02	.561E-02	.123E+00	.103E+01	.195E+01	.132E+01
70,000	.630E+01	.145E+01	.272E-01	.446E-02	.356E-02	.114E+00	.994E+00	.181E+01	.110E+01
75,000	.675E+01	.141E+01	.224E-01	.324E-02	.236E-02	.106E+00	.965E+00	.169E+01	.933E-02
80,000	.720E+01	.138E+01	.188E-01	.242E-02	.162E-02	.990E-01	.940E+00	.160E+01	.800E-02
85,000	.765E+01	.136E+01	.159E-01	.185E-02	.115E-02	.930E-01	.918E+00	.151E+01	.694E-02
90,000	.810E+01	.133E+01	.137E-01	.144E-02	.832E-03	.877E-01	.899E+00	.144E+01	.607E-02
95,000	.855E+01	.131E+01	.119E-01	.114E-02	.617E-03	.830E-01	.882E+00	.138E+01	.536E-02
100,000	.900E+01	.130E+01	.104E-01	.919E-03	.467E-03	.787E-01	.867E+00	.133E+01	.477E-02

B

5

C(1)=2,30259

CS1= .70

ALBDA= 8,16

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.367E+00	.149E+06	0.	0.	0.	0.	0.	0.	0.
4,000	.490E+00	.109E+04	0.	0.	0.	0.	0.	0.	0.
5,000	.612E+00	.154E+03	.100E+10	0.	0.	.205E+03	0.	0.	0.
6,000	.735E+00	.520E+02	.146E+06	0.	0.	.734E+01	0.	0.	0.
7,000	.857E+00	.260E+02	.567E+04	.223E+16	0.	.290E+01	.522E+10	0.	0.
8,000	.980E+00	.160E+02	.839E+03	.114E+08	0.	.181E+01	.470E+03	0.	0.
9,000	.110E+01	.112E+02	.223E+03	.140E+06	0.	.134E+01	.420E+02	0.	0.
10,000	.122E+01	.847E+01	.824E+02	.118E+05	.100E+10	.107E+01	.157E+02	.147E+06	.423E+05
15,000	.184E+01	.390E+01	.477E+01	.392E+02	.110E+04	.560E+00	.376E+01	.452E+02	.314E+01
20,000	.245E+01	.271E+01	.110E+01	.282E+01	.206E+02	.387E+00	.244E+01	.140E+02	.479E+00
25,000	.306E+01	.220E+01	.427E+00	.537E+00	.199E+01	.297E+00	.193E+01	.793E+01	.176E+00
30,000	.367E+01	.192E+01	.215E+00	.164E+00	.394E+00	.241E+00	.165E+01	.555E+01	.902E-01
35,000	.429E+01	.174E+01	.126E+00	.660E+01	.116E+00	.204E+00	.148E+01	.432E+01	.547E-01
40,000	.490E+01	.162E+01	.816E-01	.317E-01	.437E-01	.176E+00	.136E+01	.357E+01	.367E-01
45,000	.551E+01	.154E+01	.567E-01	.172E-01	.195E-01	.155E+00	.127E+01	.307E+01	.264E-01
50,000	.612E+01	.147E+01	.415E-01	.102E-01	.986E-02	.139E+00	.121E+01	.272E+01	.199E-01
55,000	.674E+01	.142E+01	.316E-01	.649E-02	.545E-02	.125E+00	.115E+01	.246E+01	.155E-01
60,000	.735E+01	.138E+01	.248E-01	.435E-02	.324E-02	.114E+00	.111E+01	.226E+01	.124E-01
65,000	.796E+01	.134E+01	.200E-01	.304E-02	.203E-02	.105E+00	.108E+01	.210E+01	.102E-01
70,000	.857E+01	.131E+01	.164E-01	.220E-02	.133E-02	.974E-01	.105E+01	.197E+01	.853E-02
75,000	.919E+01	.129E+01	.137E-01	.164E-02	.910E-03	.907E-01	.102E+01	.186E+01	.724E-02
80,000	.980E+01	.127E+01	.116E-01	.125E-02	.641E-03	.848E-01	.100E+01	.177E+01	.622E-02
85,000	.104E+02	.125E+01	.994E-02	.973E-03	.464E-03	.797E-01	.981E+00	.169E+01	.540E-02
90,000	.110E+02	.124E+01	.862E-02	.771E-03	.343E-03	.751E-01	.964E+00	.162E+01	.473E-02
95,000	.116E+02	.122E+01	.754E-02	.621E-03	.259E-03	.711E-01	.949E+00	.156E+01	.419E-02
100,000	.122E+02	.121E+01	.665E-02	.507E-03	.200E-03	.674E-01	.936E+00	.151E+01	.373E-02

8
9

C(I)=2,30259

CS1= .80

ALBDA= 6.25

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3.000	.480E+00	.912E+04	0.	0.	0.	0.	0.	0.	0.
4.000	.640E+00	.212E+03	0.	0.	0.	0.	0.	0.	0.
5.000	.800E+00	.473E+02	.778E+07	0.	0.	.589E+02	0.	0.	0.
6.000	.960E+00	.206E+02	.870E+04	0.	0.	.453E+01	0.	0.	0.
7.000	.112E+01	.121E+02	.669E+03	.564E+12	0.	.214E+01	.326E+08	0.	0.
8.000	.128E+01	.834E+01	.143E+03	.250E+06	0.	.143E+01	.147E+03	0.	0.
9.000	.144E+01	.634E+01	.480E+02	.796E+04	0.	.109E+01	.239E+02	0.	0.
10.000	.160E+01	.513E+01	.210E+02	.108E+04	.775E+07	.893E+00	.112E+02	.176E+05	.350E+04
15.000	.240E+01	.283E+01	.187E+01	.871E+01	.131E+03	.482E+00	.342E+01	.345E+02	.179E+01
20.000	.320E+01	.215E+01	.519E+00	.873E+00	.417E+01	.336E+00	.233E+01	.125E+02	.331E+00
25.000	.400E+01	.183E+01	.223E+00	.200E+00	.525E+00	.258E+00	.189E+01	.752E+01	.131E+00
30.000	.480E+01	.165E+01	.120E+00	.689E-01	.122E+00	.210E+00	.165E+01	.547E+01	.692E-01
35.000	.560E+01	.153E+01	.739E-01	.301E-01	.402E+01	.178E+00	.150E+01	.437E+01	.428E-01
40.000	.640E+01	.145E+01	.496E-01	.154E-01	.164E-01	.154E+00	.139E+01	.369E+01	.291E-01
45.000	.720E+01	.139E+01	.354E-01	.878E-02	.781E-02	.136E+00	.132E+01	.323E+01	.211E-01
50.000	.800E+01	.134E+01	.265E-01	.542E-02	.414E-02	.121E+00	.126E+01	.290E+01	.160E-01
55.000	.880E+01	.131E+01	.205E-01	.355E-02	.238E-02	.110E+00	.121E+01	.265E+01	.125E-01
60.000	.960E+01	.128E+01	.163E-01	.244E-02	.146E-02	.100E+00	.117E+01	.246E+01	.101E-01
65.000	.104E+02	.125E+01	.133E-01	.175E-02	.938E-03	.920E-01	.114E+01	.231E+01	.830E-02
70.000	.112E+02	.123E+01	.110E-01	.129E-02	.630E-03	.852E-01	.111E+01	.218E+01	.695E-02
75.000	.120E+02	.122E+01	.929E-02	.977E-03	.438E-03	.793E-01	.109E+01	.208E+01	.591E-02
80.000	.128E+02	.120E+01	.793E-02	.757E-03	.314E-03	.742E-01	.107E+01	.199E+01	.508E-02
85.000	.136E+02	.119E+01	.685E-02	.597E-03	.230E-03	.697E-01	.105E+01	.191E+01	.442E-02
90.000	.144E+02	.118E+01	.597E-02	.479E-03	.173E-03	.657E-01	.104E+01	.185E+01	.388E-02
95.000	.152E+02	.117E+01	.525E-02	.390E-03	.132E-03	.622E-01	.103E+01	.179E+01	.343E-02
100.000	.160E+02	.116E+01	.465E-02	.322E-03	.103E-03	.590E-01	.101E+01	.174E+01	.306E-02

C(1)=2,30259			CS1= .90			ALBDA= 4,94					
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV		
3,000	.607E+00	.135E+04	0.	0.	0.	0.	0.	0.	0.		
4,000	.810E+00	.689E+02	0.	0.	0.	0.	0.	0.	0.		
5,000	.101E+01	.211E+02	.278E+06	0.	0.	.250E+02	0.	0.	0.		
6,000	.121E+01	.109E+02	.123E+04	0.	0.	.321E+01	0.	0.	0.		
7,000	.142E+01	.717E+01	.148E+03	.193E+10	0.	.170E+01	.107E+07	0.	0.		
8,000	.162E+01	.535E+01	.404E+02	.178E+05	0.	.119E+01	.696E+02	0.	0.		
9,000	.182E+01	.430E+01	.159E+02	.106E+04	0.	.928E+00	.167E+02	0.	0.		
10,000	.202E+01	.364E+01	.781E+01	.195E+03	.275E+06	.767E+00	.896E+01	.451E+04	.660E+03		
15,000	.304E+01	.228E+01	.931E+00	.289E+01	.278E+02	.424E+00	.322E+01	.291E+02	.118E+01		
20,000	.405E+01	.183E+01	.294E+00	.365E+00	.128E+01	.297E+00	.229E+01	.117E+02	.250E+00		
25,000	.506E+01	.161E+01	.136E+00	.953E+01	.193E+00	.229E+00	.190E+01	.142E+01	.103E+00		
30,000	.607E+01	.148E+01	.767E+01	.357E+01	.503E+01	.187E+00	.168E+01	.556E+01	.561E+01		
35,000	.709E+01	.140E+01	.487E+01	.166E+01	.179E+01	.158E+00	.154E+01	.454E+01	.352E+01		
40,000	.810E+01	.134E+01	.335E+01	.885E+02	.772E+02	.136E+00	.145E+01	.390E+01	.241E+01		
45,000	.911E+01	.130E+01	.243E+01	.522E+02	.383E+02	.120E+00	.138E+01	.346E+01	.176E+01		
50,000	.101E+02	.126E+01	.185E+01	.331E+02	.209E+02	.108E+00	.132E+01	.314E+01	.134E+01		
55,000	.111E+02	.124E+01	.145E+01	.222E+02	.124E+02	.974E+01	.128E+01	.291E+01	.105E+01		
60,000	.121E+02	.121E+01	.116E+01	.156E+02	.773E+03	.889E+01	.124E+01	.272E+01	.851E+02		
65,000	.132E+02	.119E+01	.955E+02	.113E+02	.508E+03	.818E+01	.121E+01	.257E+01	.702E+02		
70,000	.142E+02	.118E+01	.798E+02	.847E+03	.346E+03	.757E+01	.119E+01	.244E+01	.589E+02		
75,000	.152E+02	.117E+01	.676E+02	.649E+03	.244E+03	.705E+01	.117E+01	.234E+01	.501E+02		
80,000	.162E+02	.116E+01	.580E+02	.508E+03	.177E+03	.659E+01	.115E+01	.225E+01	.451E+02	B	
85,000	.172E+02	.115E+01	.503E+02	.405E+03	.131E+03	.619E+01	.113E+01	.218E+01	.376E+02	∞	
90,000	.182E+02	.114E+01	.441E+02	.327E+03	.993E+04	.584E+01	.112E+01	.212E+01	.330E+02	,	
95,000	.192E+02	.113E+01	.389E+02	.269E+03	.765E+04	.553E+01	.111E+01	.206E+01	.292E+02		
100,000	.202E+02	.112E+01	.346E+02	.223E+03	.599E+04	.524E+01	.110E+01	.201E+01	.260E+02		

C(I)=2,30259

CS1= 1,00

ALBDA= 4,00

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3.000	.750E+00	.342E+03	0.	0.	0.	0.	0.	0.	0.
4.000	.100E+01	.308E+02	0.	0.	0.	0.	0.	0.	0.
5.000	.125E+01	.118E+02	.256E+05	0.	0.	.135E+02	0.	0.	0.
6.000	.150E+01	.693E+01	.294E+03	0.	0.	.247E+01	0.	0.	0.
7.000	.175E+01	.493E+01	.487E+02	.332E+08	0.	.141E+01	.976E+05	0.	0.
8.000	.200E+01	.389E+01	.157E+02	.264E+04	0.	.102E+01	.423E+02	0.	0.
9.000	.225E+01	.326E+01	.695E+01	.240E+03	0.	.809E+00	.131E+02	0.	0.
10.000	.250E+01	.285E+01	.369E+01	.547E+02	.248E+05	.675E+00	.771E+01	.182E+04	.205E+03
15.000	.375E+01	.195E+01	.543E+00	.125E+01	.860E+01	.378E+00	.312E+01	.262E+02	.861E+00
20.000	.500E+01	.163E+01	.188E+00	.186E+00	.511E+00	.266E+00	.228E+01	.115E+02	.200E+00
25.000	.625E+01	.147E+01	.915E-01	.534E-01	.882E-01	.206E+00	.193E+01	.753E+01	.857E-01
30.000	.750E+01	.138E+01	.533E-01	.212E-01	.249E-01	.168E+00	.173E+01	.578E+01	.474E-01
35.000	.875E+01	.131E+01	.346E-01	.103E-01	.935E-02	.142E+00	.160E+01	.481E+01	.300E-01
40.000	.100E+02	.127E+01	.242E-01	.569E-02	.421E-02	.123E+00	.151E+01	.419E+01	.207E-01
45.000	.112E+02	.123E+01	.178E-01	.344E-02	.215E-02	.108E+00	.144E+01	.376E+01	.152E-01
50.000	.125E+02	.121E+01	.137E-01	.223E-02	.121E-02	.968E-01	.139E+01	.345E+01	.116E-01
55.000	.137E+02	.119E+01	.108E-01	.152E-02	.725E-03	.876E-01	.135E+01	.321E+01	.914E-02
60.000	.150E+02	.117E+01	.875E-02	.108E-02	.461E-03	.800E-01	.132E+01	.302E+01	.740E-02
65.000	.162E+02	.116E+01	.722E-02	.794E-03	.307E-03	.736E-01	.129E+01	.287E+01	.611E-02
70.000	.175E+02	.114E+01	.606E-02	.600E-03	.212E-03	.681E-01	.127E+01	.275E+01	.513E-02
75.000	.187E+02	.113E+01	.516E-02	.464E-03	.151E-03	.634E-01	.125E+01	.265E+01	.457E-02
80.000	.200E+02	.112E+01	.445E-02	.366E-03	.110E-03	.593E-01	.123E+01	.256E+01	.377E-02
85.000	.212E+02	.112E+01	.387E-02	.293E-03	.822E-04	.557E-01	.122E+01	.249E+01	.328E-02
90.000	.225E+02	.111E+01	.340E-02	.239E-03	.626E-04	.526E-01	.121E+01	.242E+01	.289E-02
95.000	.237E+02	.110E+01	.301E-02	.197E-03	.485E-04	.497E-01	.119E+01	.236E+01	.256E-02
100.000	.250E+02	.110E+01	.268E-02	.164E-03	.382E-04	.472E-01	.118E+01	.231E+01	.228E-02

C(I)=2,30259

CS1= 1,20

ALBDA= 2,78

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3.000	.108E+01	.576E+02	0.	0.	0.	0.	0.	0.	0.
4.000	.144E+01	.108E+02	0.	0.	0.	0.	0.	0.	0.
5.000	.180E+01	.555E+01	.112E+04	0.	0.	.604E+01	0.	0.	0.
6.000	.216E+01	.384E+01	.428E+02	0.	0.	.171E+01	0.	0.	0.
7.000	.252E+01	.303E+01	.105E+02	.167E+06	0.	.107E+01	.490E+04	0.	0.
8.000	.288E+01	.257E+01	.423E+01	.203E+03	0.	.801E+00	.234E+02	0.	0.
9.000	.324E+01	.227E+01	.216E+01	.311E+02	0.	.647E+00	.980E+01	0.	0.
10.000	.360E+01	.207E+01	.127E+01	.930E+01	.103E+04	.545E+00	.648E+01	.631E+03	.461E+02
15.000	.540E+01	.159E+01	.246E+00	.372E+00	.162E+01	.312E+00	.305E+01	.238E+02	.546E+00
20.000	.720E+01	.140E+01	.958E+01	.696E+01	.135E+00	.220E+00	.235E+01	.117E+02	.144E+00
25.000	.900E+01	.131E+01	.499E+01	.226E+01	.277E+01	.171E+00	.203E+01	.815E+01	.647E+01
30.000	.108E+02	.125E+01	.303E+01	.979E+02	.872E+02	.139E+00	.186E+01	.650E+01	.367E+01
35.000	.126E+02	.121E+01	.203E+01	.503E+02	.352E+02	.118E+00	.174E+01	.555E+01	.236E+01
40.000	.144E+02	.118E+01	.145E+01	.290E+02	.167E+02	.102E+00	.166E+01	.494E+01	.164E+01
45.000	.162E+02	.116E+01	.109E+01	.182E+02	.888E+03	.901E+01	.160E+01	.451E+01	.121E+01
50.000	.180E+02	.114E+01	.845E+02	.121E+02	.514E+03	.806E+01	.156E+01	.420E+01	.930E+02
55.000	.198E+02	.113E+01	.675E+02	.843E+03	.317E+03	.730E+01	.152E+01	.395E+01	.736E+02
60.000	.216E+02	.111E+01	.551E+02	.610E+03	.206E+03	.666E+01	.149E+01	.376E+01	.597E+02
65.000	.234E+02	.111E+01	.459E+02	.455E+03	.139E+03	.613E+01	.147E+01	.361E+01	.495E+02
70.000	.252E+02	.110E+01	.388E+02	.349E+03	.975E+04	.568E+01	.144E+01	.348E+01	.416E+02
75.000	.270E+02	.109E+01	.332E+02	.273E+03	.703E+04	.528E+01	.143E+01	.338E+01	.355E+02
80.000	.288E+02	.108E+01	.287E+02	.217E+03	.519E+04	.494E+01	.141E+01	.329E+01	.307E+02
85.000	.306E+02	.108E+01	.251E+02	.176E+03	.392E+04	.464E+01	.140E+01	.321E+01	.267E+02
90.000	.324E+02	.107E+01	.221E+02	.144E+03	.301E+04	.438E+01	.139E+01	.314E+01	.235E+02
95.000	.342E+02	.107E+01	.197E+02	.120E+03	.235E+04	.414E+01	.138E+01	.308E+01	.208E+02
100.000	.360E+02	.107E+01	.176E+02	.101E+03	.186E+04	.393E+01	.137E+01	.303E+01	.186E+02

C(I)=2,30259

CS1= 1.40

ALBDA= 2.04

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3.000	.147E+01	.196E+02	0.	0.	0.	0.	0.	0.	0.
4.000	.196E+01	.575E+01	0.	0.	0.	0.	0.	0.	0.
5.000	.245E+01	.352E+01	.165E+03	0.	0.	.365E+01	0.	0.	0.
6.000	.294E+01	.269E+01	.124E+02	0.	0.	.131E+01	0.	0.	0.
7.000	.343E+01	.226E+01	.383E+01	.683E+04	0.	.867E+00	.911E+03	0.	0.
8.000	.392E+01	.200E+01	.175E+01	.397E+02	0.	.663E+00	.171E+02	0.	0.
9.000	.441E+01	.183E+01	.978E+00	.817E+01	0.	.541E+00	.845E+01	0.	0.
10.000	.490E+01	.171E+01	.614E+00	.287E+01	.139E+03	.459E+00	.597E+01	.367E+03	.189E+02
15.000	.735E+01	.141E+01	.139E+00	.162E+00	.520E+00	.266E+00	.311E+01	.237E+02	.401E+00
20.000	.980E+01	.128E+01	.584E-01	.348E-01	.552E-01	.188E+00	.247E+01	.126E+02	.114E+00
25.000	.122E+02	.122E+01	.317E-01	.123E-01	.122E-01	.146E+00	.218E+01	.914E+01	.531E-01
30.000	.147E+02	.118E+01	.197E-01	.559E-02	.409E-02	.119E+00	.201E+01	.748E+01	.306E-01
35.000	.171E+02	.115E+01	.135E-01	.298E-02	.172E-02	.101E+00	.191E+01	.651E+01	.198E-01
40.000	.196E+02	.113E+01	.975E-02	.176E-02	.845E-03	.875E-01	.183E+01	.588E+01	.159E-01
45.000	.220E+02	.111E+01	.739E-02	.113E-02	.461E-03	.772E-01	.178E+01	.544E+01	.103E-01
50.000	.245E+02	.110E+01	.579E-02	.763E-03	.272E-03	.691E-01	.173E+01	.511E+01	.794E-02
55.000	.269E+02	.109E+01	.465E-02	.539E-03	.170E-03	.625E-01	.170E+01	.486E+01	.650E-02
60.000	.294E+02	.108E+01	.382E-02	.395E-03	.112E-03	.571E-01	.167E+01	.466E+01	.513E-02
65.000	.318E+02	.108E+01	.320E-02	.298E-03	.766E-04	.525E-01	.165E+01	.450E+01	.425E-02
70.000	.343E+02	.107E+01	.271E-02	.230E-03	.541E-04	.486E-01	.163E+01	.437E+01	.358E-02
75.000	.367E+02	.107E+01	.233E-02	.181E-03	.393E-04	.453E-01	.161E+01	.425E+01	.306E-02
80.000	.392E+02	.106E+01	.202E-02	.145E-03	.293E-04	.424E-01	.160E+01	.416E+01	.264E-02
85.000	.416E+02	.106E+01	.177E-02	.118E-03	.222E-04	.398E-01	.159E+01	.407E+01	.251E-02
90.000	.441E+02	.105E+01	.157E-02	.975E-04	.172E-04	.375E-01	.157E+01	.400E+01	.203E-02
95.000	.465E+02	.105E+01	.139E-02	.814E-04	.135E-04	.355E-01	.156E+01	.394E+01	.180E-02
100.000	.490E+02	.105E+01	.125E-02	.686E-04	.107E-04	.337E-01	.156E+01	.388E+01	.161E-02

C(1)=2,30259

CS1= 1.60

ALBDA= 1.56

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3.000	.192E+01	.977E+01	0.	0.	0.	0.	0.	0.	0.
4.000	.256E+01	.382E+01	0.	0.	0.	0.	0.	0.	0.
5.000	.320E+01	.262E+01	.459E+02	0.	0.	.258E+01	0.	0.	0.
6.000	.384E+01	.213E+01	.523E+01	0.	0.	.107E+01	0.	0.	0.
7.000	.448E+01	.187E+01	.187E+01	.850E+03	0.	.732E+00	.333E+03	0.	0.
8.000	.512E+01	.170E+01	.928E+00	.128E+02	0.	.567E+00	.143E+02	0.	0.
9.000	.576E+01	.159E+01	.547E+00	.317E+01	0.	.466E+00	.785E+01	0.	0.
10.000	.640E+01	.151E+01	.357E+00	.123E+01	.354E+02	.397E+00	.578E+01	.274E+03	.106E+02
15.000	.960E+01	.130E+01	.903E-01	.874E-01	.226E+00	.232E+00	.322E+01	.248E+02	.322E+00
20.000	.128E+02	.121E+01	.396E-01	.207E-01	.266E-01	.164E+00	.262E+01	.139E+02	.967E-01
25.000	.160E+02	.116E+01	.220E-01	.768E-02	.651E-02	.128E+00	.235E+01	.104E+02	.459E-01
30.000	.192E+02	.113E+01	.140E-01	.362E-02	.229E-02	.104E+00	.219E+01	.869E+01	.267E-01
35.000	.224E+02	.111E+01	.965E-02	.198E-02	.994E-03	.883E-01	.209E+01	.768E+01	.175E-01
40.000	.256E+02	.110E+01	.705E-02	.119E-02	.498E-03	.765E-01	.202E+01	.701E+01	.123E-01
45.000	.288E+02	.109E+01	.537E-02	.773E-03	.276E-03	.675E-01	.196E+01	.654E+01	.916E-02
50.000	.320E+02	.108E+01	.423E-02	.529E-03	.165E-03	.604E-01	.192E+01	.620E+01	.707E-02
55.000	.352E+02	.107E+01	.342E-02	.377E-03	.104E-03	.547E-01	.189E+01	.593E+01	.563E-02
60.000	.384E+02	.106E+01	.282E-02	.278E-03	.692E-04	.499E-01	.186E+01	.571E+01	.458E-02
65.000	.416E+02	.106E+01	.236E-02	.211E-03	.477E-04	.459E-01	.184E+01	.554E+01	.380E-02
70.000	.448E+02	.105E+01	.201E-02	.164E-03	.339E-04	.425E-01	.182E+01	.539E+01	.321E-02
75.000	.480E+02	.105E+01	.173E-02	.130E-03	.248E-04	.396E-01	.180E+01	.527E+01	.274E-02
80.000	.512E+02	.105E+01	.151E-02	.105E-03	.185E-04	.371E-01	.179E+01	.517E+01	.237E-02
85.000	.544E+02	.104E+01	.132E-02	.854E-04	.141E-04	.348E-01	.178E+01	.508E+01	.207E-02
90.000	.576E+02	.104E+01	.117E-02	.707E-04	.109E-04	.328E-01	.177E+01	.500E+01	.182E-02
95.000	.608E+02	.104E+01	.104E-02	.591E-04	.860E-05	.311E-01	.176E+01	.493E+01	.162E-02
100.000	.640E+02	.104E+01	.934E-03	.500E-04	.686E-05	.295E-01	.175E+01	.487E+01	.145E-02

B

12,

		C(I)=2,30259		CS1= 1.80		ALBDA= 1.23				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV	
3.000	.243E+01	.606E+01	0.	0.	0.	0.	0.	0.	0.	
4.000	.324E+01	.288E+01	0.	0.	0.	0.	0.	0.	0.	
5.000	.405E+01	.214E+01	.184E+02	0.	0.	.200E+01	0.	0.	0.	
6.000	.486E+01	.182E+01	.275E+01	0.	0.	.913E+00	0.	0.	0.	
7.000	.567E+01	.164E+01	.108E+01	.200E+03	0.	.636E+00	.178E+03	0.	0.	
8.000	.648E+01	.152E+01	.569E+00	.557E+01	0.	.496E+00	.130E+02	0.	0.	
9.000	.729E+01	.144E+01	.348E+00	.156E+01	0.	.410E+00	.760E+01	0.	0.	
10.000	.810E+01	.138E+01	.234E+00	.653E+00	.130E+02	.350E+00	.576E+01	.235E+03	.704E+01	
15.000	.121E+02	.123E+01	.636E-01	.542E-01	.120E+00	.205E+00	.338E+01	.266E+02	.274E+00	
20.000	.162E+02	.116E+01	.288E-01	.137E-01	.154E-01	.146E+00	.280E+01	.156E+02	.854E-01	
25.000	.202E+02	.113E+01	.163E-01	.528E-02	.397E-02	.115E+00	.253E+01	.119E+02	.412E-01	
30.000	.243E+02	.110E+01	.105E-01	.255E-02	.144E-02	.927E-01	.238E+01	.101E+02	.242E-01	
35.000	.283E+02	.109E+01	.728E-02	.142E-02	.638E-03	.785E-01	.228E+01	.902E+01	.159E-01	
40.000	.324E+02	.108E+01	.535E-02	.865E-03	.324E-03	.680E-01	.221E+01	.831E+01	.113E-01	
45.000	.364E+02	.107E+01	.410E-02	.566E-03	.182E-03	.600E-01	.216E+01	.781E+01	.838E-02	
50.000	.405E+02	.106E+01	.324E-02	.390E-03	.110E-03	.537E-01	.211E+01	.743E+01	.648E-02	
55.000	.445E+02	.105E+01	.263E-02	.280E-03	.699E-04	.486E-01	.208E+01	.714E+01	.516E-02	
60.000	.486E+02	.105E+01	.217E-02	.208E-03	.466E-04	.444E-01	.206E+01	.691E+01	.421E-02	
65.000	.526E+02	.105E+01	.182E-02	.158E-03	.323E-04	.408E-01	.203E+01	.672E+01	.350E-02	
70.000	.567E+02	.104E+01	.155E-02	.123E-03	.231E-04	.378E-01	.202E+01	.656E+01	.295E-02	
75.000	.607E+02	.104E+01	.134E-02	.981E-04	.169E-04	.352E-01	.200E+01	.643E+01	.253E-02	B
80.000	.648E+02	.104E+01	.117E-02	.792E-04	.127E-04	.329E-01	.199E+01	.631E+01	.219E-02	13.
85.000	.688E+02	.103E+01	.103E-02	.648E-04	.968E-05	.310E-01	.198E+01	.621E+01	.191E-02	
90.000	.729E+02	.103E+01	.908E-03	.538E-04	.753E-05	.292E-01	.197E+01	.613E+01	.168E-02	
95.000	.769E+02	.105E+01	.810E-03	.451E-04	.594E-05	.276E-01	.196E+01	.605E+01	.149E-02	
100.000	.810E+02	.103E+01	.727E-03	.382E-04	.475E-05	.262E-01	.195E+01	.599E+01	.134E-02	

C(I)=2,30259

CS1= 2,00

ALBDA= 1,00

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.300E+01	.430E+01	0,	0,	0,	0,	0,	0,	0,
4,000	.400E+01	.236E+01	0,	0,	0,	0,	0,	0,	0,
5,000	.500E+01	.185E+01	.923E+01	0,	0,	.164E+01	0,	0,	0,
6,000	.600E+01	.162E+01	.167E+01	0,	0,	.796E+00	0,	0,	0,
7,000	.700E+01	.149E+01	.702E+00	.694E+02	0,	.562E+00	.118E+03	0,	0,
8,000	.800E+01	.140E+01	.385E+00	.293E+01	0,	.442E+00	.123E+02	0,	0,
9,000	.900E+01	.134E+01	.242E+00	.899E+00	0,	.366E+00	.755E+01	0,	0,
10,000	.100E+02	.130E+01	.166E+00	.395E+00	.608E+01	.313E+00	.584E+01	.218E+03	.524E+01
15,000	.150E+02	.118E+01	.475E+01	.368E+01	.720E+01	.184E+00	.356E+01	.290E+02	.242E+00
20,000	.200E+02	.113E+01	.220E+01	.975E+02	.994E+02	.131E+00	.299E+01	.175E+02	.777E+01
25,000	.250E+02	.110E+01	.126E+01	.386E+02	.265E+02	.102E+00	.273E+01	.136E+02	.379E+01
30,000	.300E+02	.108E+01	.816E+02	.190E+02	.980E+03	.834E+01	.257E+01	.117E+02	.224E+01
35,000	.350E+02	.107E+01	.571E+02	.107E+02	.442E+03	.706E+01	.247E+01	.105E+02	.148E+01
40,000	.400E+02	.106E+01	.422E+02	.658E+03	.227E+03	.612E+01	.240E+01	.977E+01	.105E+01
45,000	.450E+02	.105E+01	.324E+02	.434E+03	.128E+03	.540E+01	.235E+01	.923E+01	.782E+02
50,000	.500E+02	.105E+01	.257E+02	.301E+03	.779E+04	.483E+01	.231E+01	.882E+01	.606E+02
55,000	.550E+02	.104E+01	.208E+02	.217E+03	.499E+04	.437E+01	.228E+01	.850E+01	.483E+02
60,000	.600E+02	.104E+01	.173E+02	.162E+03	.335E+04	.399E+01	.226E+01	.825E+01	.394E+02
65,000	.650E+02	.104E+01	.145E+02	.124E+03	.233E+04	.368E+01	.223E+01	.804E+01	.328E+02
70,000	.700E+02	.103E+01	.124E+02	.965E+04	.167E+04	.340E+01	.222E+01	.787E+01	.277E+02
75,000	.750E+02	.103E+01	.107E+02	.769E+04	.122E+04	.317E+01	.220E+01	.772E+01	.237E+02
80,000	.800E+02	.103E+01	.932E+03	.622E+04	.920E+05	.296E+01	.219E+01	.760E+01	.205E+02
85,000	.850E+02	.103E+01	.820E+03	.510E+04	.705E+05	.279E+01	.217E+01	.749E+01	.179E+02
90,000	.900E+02	.103E+01	.727E+03	.424E+04	.549E+05	.263E+01	.216E+01	.740E+01	.158E+02
95,000	.950E+02	.102E+01	.648E+03	.356E+04	.434E+05	.248E+01	.215E+01	.731E+01	.140E+02
100,000	.100E+03	.102E+01	.582E+03	.302E+04	.347E+05	.236E+01	.215E+01	.724E+01	.126E+02

C(I)=2,30259

CS1= 2,20

ALBDA= .85

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.363E+01	.334E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.484E+01	.203E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.605E+01	.167E+01	.538E+01	0.	0.	.139E+01	0.	0.	0.
6,000	.726E+01	.149E+01	.111E+01	0.	0.	.707E+00	0.	0.	0.
7,000	.847E+01	.139E+01	.493E+00	.311E+02	0.	.505E+00	.897E+02	0.	0.
8,000	.968E+01	.132E+01	.278E+00	.176E+01	0.	.398E+00	.120E+02	0.	0.
9,000	.109E+02	.124E+01	.179E+00	.575E+00	0.	.331E+00	.762E+01	0.	0.
10,000	.121E+02	.124E+01	.124E+00	.262E+00	.333E+01	.284E+00	.599E+01	.213E+03	.419E+01
15,000	.181E+02	.115E+01	.369E-01	.267E-01	.474E-01	.167E+00	.376E+01	.318E+02	.220E+00
20,000	.242E+02	.111E+01	.174E-01	.732E-02	.689E-02	.119E+00	.319E+01	.198E+02	.721E-01
25,000	.302E+02	.108E+01	.101E-01	.296E-02	.189E-02	.927E-01	.293E+01	.156E+02	.355E+01
30,000	.363E+02	.107E+01	.656E-02	.147E-02	.710E-03	.758E-01	.278E+01	.135E+02	.211E-01
35,000	.423E+02	.106E+01	.461E-02	.837E-03	.323E-03	.642E-01	.268E+01	.122E+02	.140E+01
40,000	.484E+02	.105E+01	.341E-02	.520E-03	.168E-03	.556E-01	.261E+01	.114E+02	.992E-02
45,000	.544E+02	.104E+01	.263E-02	.344E-03	.953E-04	.491E-01	.255E+01	.108E+02	.742E-02
50,000	.605E+02	.104E+01	.209E-02	.240E-03	.581E-04	.439E-01	.251E+01	.104E+02	.575E-02
55,000	.665E+02	.104E+01	.170E-02	.173E-03	.374E-04	.398E-01	.248E+01	.100E+02	.459E-02
60,000	.726E+02	.103E+01	.141E-02	.130E-03	.252E-04	.363E-01	.246E+01	.973E+01	.375E-02
65,000	.786E+02	.103E+01	.118E-02	.993E-04	.175E-04	.334E-01	.243E+01	.950E+01	.312E-02
70,000	.847E+02	.103E+01	.101E-02	.777E-04	.126E-04	.309E-01	.242E+01	.931E+01	.264E-02
75,000	.907E+02	.103E+01	.874E-03	.620E-04	.928E-05	.288E-01	.240E+01	.916E+01	.226E-02
80,000	.968E+02	.102E+01	.762E-03	.502E-04	.699E-05	.270E-01	.239E+01	.902E+01	.195E-02
85,000	.103E+03	.102E+01	.671E-03	.413E-04	.536E-05	.253E-01	.238E+01	.890E+01	.171E-02
90,000	.109E+03	.102E+01	.595E-03	.343E-04	.418E-05	.239E-01	.236E+01	.880E+01	.151E-02
95,000	.115E+03	.102E+01	.531E-03	.289E-04	.331E-05	.226E-01	.236E+01	.871E+01	.134E-02
100,000	.121E+03	.102E+01	.477E-03	.245E-04	.265E-05	.214E-01	.235E+01	.863E+01	.120E-02

C(I)=2,30259

CS1= 2,40

ALBDA= ,69

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	,432E+01	,275E+01	0,	0,	0,	0,	0,	0,	0,
4,000	,576E+01	,181E+01	0,	0,	0,	0,	0,	0,	0,
5,000	,720E+01	,154E+01	,347E+01	0,	0,	,121E+01	0,	0,	0,
6,000	,864E+01	,140E+01	,795E+00	0,	0,	,637E+00	0,	0,	0,
7,000	,101E+02	,132E+01	,366E+00	,165E+02	0,	,459E+00	,744E+02	0,	0,
8,000	,115E+02	,127E+01	,211E+00	,116E+01	0,	,363E+00	,119E+02	0,	0,
9,000	,130E+02	,123E+01	,138E+00	,397E+00	0,	,302E+00	,777E+01	0,	0,
10,000	,144E+02	,120E+01	,967E-01	,186E+00	,203E+01	,259E+00	,619E+01	,214E+03	,353E+01
15,000	,216E+02	,112E+01	,296E-01	,202E-01	,334E-01	,153E+00	,397E+01	,550E+02	,204E+00
20,000	,288E+02	,109E+01	,141E-01	,572E-02	,504E-02	,109E+00	,340E+01	,222E+02	,680E-01
25,000	,360E+02	,107E+01	,825E-02	,235E-02	,141E-02	,849E-01	,314E+01	,177E+02	,337E+01
30,000	,432E+02	,106E+01	,539E-02	,118E-02	,537E-03	,695E-01	,298E+01	,155E+02	,201E+01
35,000	,504E+02	,105E+01	,380E-02	,675E-03	,247E-03	,588E-01	,288E+01	,141E+02	,133E-01
40,000	,576E+02	,104E+01	,282E-02	,422E-03	,129E-03	,510E-01	,281E+01	,132E+02	,950E-02
45,000	,648E+02	,104E+01	,218E-02	,280E-03	,736E-04	,450E-01	,276E+01	,125E+02	,711E-02
50,000	,720E+02	,103E+01	,173E-02	,196E-03	,451E-04	,403E-01	,272E+01	,120E+02	,552E-02
55,000	,792E+02	,103E+01	,141E-02	,142E-03	,291E-04	,364E-01	,269E+01	,117E+02	,441E-02
60,000	,864E+02	,103E+01	,117E-02	,106E-03	,196E-04	,333E-01	,266E+01	,114E+02	,360E-02
65,000	,936E+02	,103E+01	,986E-03	,816E-04	,137E-04	,306E-01	,264E+01	,111E+02	,300E-02
70,000	,101E+03	,102E+01	,842E-03	,640E-04	,987E-05	,284E-01	,262E+01	,109E+02	,253E-02
75,000	,108E+03	,102E+01	,728E-03	,511E-04	,728E-05	,264E-01	,260E+01	,107E+02	,217E-02
80,000	,115E+03	,102E+01	,636E-03	,415E-04	,549E-05	,247E-01	,259E+01	,106E+02	,188E-02
85,000	,122E+03	,102E+01	,560E-03	,341E-04	,421E-05	,232E-01	,258E+01	,104E+02	,164E-02
90,000	,130E+03	,102E+01	,497E-03	,284E-04	,329E-05	,219E-01	,257E+01	,103E+02	,145E-02
95,000	,137E+03	,102E+01	,444E-03	,239E-04	,260E-05	,207E-01	,256E+01	,102E+02	,129E-02
100,000	,144E+03	,102E+01	,399E-03	,203E-04	,209E-05	,196E-01	,255E+01	,101E+02	,115E-02

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.507E+01	.237E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.676E+01	.166E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.845E+01	.144E+01	.242E+01	0.	0.	.108E+01	0.	0.	0.
6,000	.101E+02	.133E+01	.598E+00	0.	0.	.580E+00	0.	0.	0.
7,000	.118E+02	.127E+01	.283E+00	.985E+01	0.	.420E+00	.654E+02	0.	0.
8,000	.135E+02	.122E+01	.166E+00	.812E+00	0.	.334E+00	.120E+02	0.	0.
9,000	.152E+02	.119E+01	.110E+00	.290E+00	0.	.278E+00	.798E+01	0.	0.
10,000	.169E+02	.117E+01	.777E-01	.139E+00	.135E+01	.239E+00	.642E+01	.220E+03	.308E+01
15,000	.253E+02	.110E+01	.243E-01	.159E-01	.247E-01	.141E+00	.420E+01	.387E+02	.192E+00
20,000	.358E+02	.108E+01	.117E-01	.460E-02	.385E-02	.101E+00	.362E+01	.249E+02	.648E-01
25,000	.422E+02	.106E+01	.688E-02	.191E-02	.109E-02	.784E-01	.335E+01	.201E+02	.323E-01
30,000	.507E+02	.105E+01	.452E-02	.970E-03	.421E-03	.641E-01	.319E+01	.176E+02	.193E-01
35,000	.591E+02	.104E+01	.319E-02	.558E-03	.195E-03	.543E-01	.309E+01	.161E+02	.129E-01
40,000	.676E+02	.104E+01	.238E-02	.349E-03	.102E-03	.471E-01	.302E+01	.151E+02	.917E-02
45,000	.760E+02	.103E+01	.184E-02	.233E-03	.586E-04	.415E-01	.297E+01	.144E+02	.687E-02
50,000	.845E+02	.103E+01	.146E-02	.163E-03	.360E-04	.372E-01	.292E+01	.139E+02	.533E-02
55,000	.929E+02	.103E+01	.119E-02	.119E-03	.233E-04	.336E-01	.289E+01	.135E+02	.426E-02
60,000	.101E+03	.102E+01	.988E-03	.890E-04	.158E-04	.307E-01	.286E+01	.131E+02	.349E-02
65,000	.110E+03	.102E+01	.834E-03	.684E-04	.110E-04	.283E-01	.284E+01	.124E+02	.290E-02
70,000	.118E+03	.102E+01	.713E-03	.537E-04	.794E-05	.262E-01	.282E+01	.126E+02	.246E-02
75,000	.127E+03	.102E+01	.616E-03	.430E-04	.587E-05	.244E-01	.281E+01	.124E+02	.210E-02
80,000	.135E+03	.102E+01	.538E-03	.349E-04	.443E-05	.228E-01	.279E+01	.123E+02	.182E-02
85,000	.144E+03	.102E+01	.474E-03	.287E-04	.340E-05	.214E-01	.278E+01	.121E+02	.159E-02
90,000	.152E+03	.102E+01	.421E-03	.239E-04	.266E-05	.202E-01	.277E+01	.120E+02	.141E-02
95,000	.161E+03	.101E+01	.376E-03	.201E-04	.211E-05	.191E-01	.276E+01	.119E+02	.125E-02
100,000	.169E+03	.101E+01	.338E-03	.171E-04	.169E-05	.181E-01	.275E+01	.118E+02	.112E-02

C(1)=2,30259

CS1= 2,80

ALBDA= .51

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.588E+01	.211E+01	0,	0,	0,	0,	0,	0,	0,
4,000	.784E+01	.155E+01	0,	0,	0,	0,	0,	0,	0,
5,000	.980E+01	.137E+01	.177E+01	0,	0,	.972E+00	0,	0,	0,
6,000	.118E+02	.128E+01	.466E+00	0,	0,	.533E+00	0,	0,	0,
7,000	.137E+02	.123E+01	.226E+00	.643E+01	0,	.388E+00	.598E+02	0,	0,
8,000	.157E+02	.119E+01	.135E+00	.600E+00	0,	.309E+00	.121E+02	0,	0,
9,000	.176E+02	.116E+01	.896E-01	.221E+00	0,	.257E+00	.823E+01	0,	0,
10,000	.196E+02	.114E+01	.640E-01	.108E+00	.951E+00	.221E+00	.667E+01	.229E+03	.276E+01
15,000	.294E+02	.109E+01	.204E-01	.129E-01	.190E-01	.131E+00	.443E+01	.426E+02	.182E+00
20,000	.392E+02	.106E+01	.991E-02	.379E-02	.304E-02	.935E-01	.384E+01	.279E+02	.623E-01
25,000	.490E+02	.105E+01	.584E-02	.159E-02	.874E-03	.727E-01	.356E+01	.226E+02	.312E-01
30,000	.588E+02	.104E+01	.385E-02	.812E-03	.339E-03	.595E-01	.341E+01	.199E+02	.187E-01
35,000	.686E+02	.104E+01	.272E-02	.469E-03	.158E-03	.504E-01	.330E+01	.183E+02	.125E-01
40,000	.784E+02	.103E+01	.203E-02	.295E-03	.832E-04	.437E-01	.323E+01	.172E+02	.891E-02
45,000	.882E+02	.103E+01	.157E-02	.197E-03	.479E-04	.386E-01	.317E+01	.164E+02	.668E-02
50,000	.980E+02	.102E+01	.125E-02	.138E-03	.295E-04	.345E-01	.313E+01	.159E+02	.519E-02
55,000	.108E+03	.102E+01	.102E-02	.101E-03	.191E-04	.312E-01	.310E+01	.154E+02	.415E-02
60,000	.118E+03	.102E+01	.847E-03	.756E-04	.129E-04	.285E-01	.307E+01	.150E+02	.339E-02
65,000	.127E+03	.102E+01	.715E-03	.582E-04	.906E-05	.262E-01	.305E+01	.147E+02	.283E-02
70,000	.137E+03	.102E+01	.611E-03	.458E-04	.654E-05	.243E-01	.303E+01	.145E+02	.239E-02
75,000	.147E+03	.102E+01	.529E-03	.366E-04	.483E-05	.226E-01	.301E+01	.143E+02	.205E-02
80,000	.157E+03	.102E+01	.462E-03	.298E-04	.365E-05	.212E-01	.300E+01	.141E+02	.178E-02
85,000	.167E+03	.101E+01	.407E-03	.245E-04	.281E-05	.199E-01	.298E+01	.139E+02	.155E-02
90,000	.176E+03	.101E+01	.361E-03	.204E-04	.219E-05	.188E-01	.297E+01	.138E+02	.137E-02
95,000	.186E+03	.101E+01	.323E-03	.172E-04	.174E-05	.177E-01	.296E+01	.137E+02	.122E-02
100,000	.196E+03	.101E+01	.290E-03	.146E-04	.140E-05	.168E-01	.296E+01	.136E+02	.109E-02

B

I

8

C(I)=2.30259

CS1= 3.00

ALBDA= .44

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3.000	.675E+01	.191E+01	0.	0.	0.	0.	0.	0.	0.
4.000	.900E+01	.146E+01	0.	0.	0.	0.	0.	0.	0.
5.000	.112E+02	.132E+01	.136E+01	0.	0.	.886E+00	0.	0.	0.
6.000	.135E+02	.124E+01	.375E+00	0.	0.	.494E+00	0.	0.	0.
7.000	.157E+02	.119E+01	.185E+00	.448E+01	0.	.360E+00	.563E+02	0.	0.
8.000	.180E+02	.116E+01	.112E+00	.462E+00	0.	.287E+00	.124E+02	0.	0.
9.000	.202E+02	.114E+01	.748E+01	.174E+00	0.	.240E+00	.850E+01	0.	0.
10.000	.225E+02	.112E+01	.537E+01	.863E+01	.704E+00	.206E+00	.694E+01	.241E+03	.253E+01
15.000	.357E+02	.108E+01	.174E+01	.107E+01	.151E+01	.122E+00	.467E+01	.470E+02	.175E+00
20.000	.450E+02	.106E+01	.849E+02	.318E+02	.246E+02	.873E+01	.406E+01	.311E+02	.603E+01
25.000	.562E+02	.104E+01	.502E+02	.135E+02	.715E+03	.679E+01	.378E+01	.254E+02	.304E+01
30.000	.675E+02	.104E+01	.331E+02	.691E+03	.279E+03	.556E+01	.362E+01	.224E+02	.182E+01
35.000	.787E+02	.103E+01	.235E+02	.400E+03	.131E+03	.470E+01	.351E+01	.207E+02	.122E+01
40.000	.900E+02	.103E+01	.175E+02	.252E+03	.690E+04	.408E+01	.344E+01	.195E+02	.870E+02
45.000	.101E+03	.102E+01	.136E+02	.169E+03	.398E+04	.360E+01	.358E+01	.186E+02	.652E+02
50.000	.112E+03	.102E+01	.108E+02	.119E+03	.246E+04	.322E+01	.334E+01	.180E+02	.507E+02
55.000	.124E+03	.102E+01	.883E+03	.866E+04	.160E+04	.291E+01	.330E+01	.175E+02	.406E+02
60.000	.135E+03	.102E+01	.734E+03	.651E+04	.108E+04	.266E+01	.328E+01	.171E+02	.332E+02
65.000	.146E+03	.102E+01	.620E+03	.502E+04	.759E+05	.245E+01	.325E+01	.168E+02	.277E+02
70.000	.157E+03	.101E+01	.530E+03	.395E+04	.548E+05	.227E+01	.323E+01	.165E+02	.234E+02
75.000	.169E+03	.101E+01	.459E+03	.316E+04	.405E+05	.211E+01	.322E+01	.163E+02	.201E+02
80.000	.180E+03	.101E+01	.401E+03	.257E+04	.306E+05	.198E+01	.320E+01	.161E+02	.174E+02
85.000	.191E+03	.101E+01	.353E+03	.212E+04	.236E+05	.186E+01	.319E+01	.159E+02	.152E+02
90.000	.202E+03	.101E+01	.314E+03	.177E+04	.184E+05	.175E+01	.318E+01	.157E+02	.134E+02
95.000	.214E+03	.101E+01	.280E+03	.149E+04	.146E+05	.166E+01	.317E+01	.156E+02	.119E+02
100.000	.225E+03	.101E+01	.252E+03	.126E+04	.118E+05	.157E+01	.316E+01	.155E+02	.107E+02

C(I)=2.30259

CS1= 3.50

ALBDAE .33

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
3.000	.919E+01	.161E+01	0.	0.	0.	0.	0.	0.	0.
4.000	.122E+02	.132E+01	0.	0.	0.	0.	0.	0.	0.
5.000	.153E+02	.122E+01	.795E+00	0.	0.	.729E+00	0.	0.	0.
6.000	.184E+02	.117E+01	.238E+00	0.	0.	.417E+00	0.	0.	0.
7.000	.214E+02	.114E+01	.122E+00	.222E+01	0.	.306E+00	.521E+02	0.	0.
8.000	.245E+02	.112E+01	.748E-01	.271E+00	0.	.245E+00	.132E+02	0.	0.
9.000	.276E+02	.110E+01	.509E-01	.107E+00	0.	.205E+00	.929E+01	0.	0.
10.000	.306E+02	.109E+01	.369E-01	.543E-01	.384E+00	.176E+00	.767E+01	.280E+03	.215E+01
15.000	.459E+02	.106E+01	.122E-01	.715E-02	.933E-02	.105E+00	.528E+01	.592E+02	.162E+00
20.000	.613E+02	.104E+01	.606E-02	.219E-02	.158E-02	.748E-01	.464E+01	.400E+02	.569E-01
25.000	.766E+02	.103E+01	.360E-02	.939E-03	.468E-03	.582E-01	.434E+01	.331E+02	.288E-01
30.000	.919E+02	.103E+01	.239E-02	.486E-03	.185E-03	.476E-01	.416E+01	.295E+02	.174E-01
35.000	.107E+03	.102E+01	.170E-02	.283E-03	.873E-04	.403E-01	.405E+01	.275E+02	.116E-01
40.000	.123E+03	.102E+01	.127E-02	.180E-03	.464E-04	.349E-01	.397E+01	.258E+02	.832E-02
45.000	.138E+03	.102E+01	.985E-03	.121E-03	.269E-04	.308E-01	.391E+01	.248E+02	.625E-02
50.000	.153E+03	.102E+01	.786E-03	.851E-04	.167E-04	.276E-01	.386E+01	.240E+02	.487E-02
55.000	.168E+03	.101E+01	.642E-03	.622E-04	.109E-04	.250E-01	.383E+01	.235E+02	.390E-02
60.000	.184E+03	.101E+01	.534E-03	.469E-04	.737E-05	.228E-01	.380E+01	.228E+02	.319E-02
65.000	.199E+03	.101E+01	.451E-03	.362E-04	.518E-05	.210E-01	.377E+01	.224E+02	.266E-02
70.000	.214E+03	.101E+01	.386E-03	.285E-04	.375E-05	.194E-01	.375E+01	.221E+02	.225E-02
75.000	.230E+03	.101E+01	.335E-03	.228E-04	.278E-05	.181E-01	.373E+01	.218E+02	.193E-02
80.000	.245E+03	.101E+01	.292E-03	.186E-04	.210E-05	.169E-01	.372E+01	.216E+02	.167E-02
85.000	.260E+03	.101E+01	.258E-03	.153E-04	.162E-05	.159E-01	.370E+01	.214E+02	.146E-02
90.000	.276E+03	.101E+01	.229E-03	.128E-04	.127E-05	.150E-01	.369E+01	.212E+02	.129E-02
95.000	.291E+03	.101E+01	.205E-03	.108E-04	.101E-05	.142E-01	.368E+01	.210E+02	.115E-02
100.000	.306E+03	.101E+01	.184E-03	.918E-05	.810E-06	.135E-01	.367E+01	.209E+02	.103E-02

		C(I)=2.30259		CS1= 4.00		ALBDA= .25				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
3,000	.120E+02	.144E+01	0.	0.	0.	0.	0.	0.	0.	
4,000	.160E+02	.124E+01	0.	0.	0.	0.	0.	0.	0.	
5,000	.200E+02	.117E+01	.525E+00	0.	0.	.621E+00	0.	0.	0.	
6,000	.240E+02	.113E+01	.166E+00	0.	0.	.361E+00	0.	0.	0.	
7,000	.280E+02	.110E+01	.868E-01	.131E+01	0.	.267E+00	.514E+02	0.	0.	
8,000	.320E+02	.109E+01	.540E-01	.179E+00	0.	.214E+00	.142E+02	0.	0.	
9,000	.360E+02	.108E+01	.370E-01	.724E-01	0.	.179E+00	.102E+02	0.	0.	
10,000	.400E+02	.107E+01	.270E-01	.376E-01	.242E+00	.154E+00	.846E+01	.328E+03	.193E+01	
15,000	.600E+02	.104E+01	.912E-02	.515E-02	.637E-02	.916E-01	.591E+01	.735E+02	.154E+00	
20,000	.800E+02	.103E+01	.455E-02	.160E-02	.110E-02	.654E-01	.523E+01	.504E+02	.546E-01	
25,000	.100E+03	.102E+01	.272E-02	.695E-03	.352E-03	.509E-01	.490E+01	.419E+02	.278E-01	
30,000	.120E+03	.102E+01	.181E-02	.362E-03	.132E-03	.417E-01	.472E+01	.376E+02	.168E-01	
35,000	.140E+03	.102E+01	.129E-02	.212E-03	.628E-04	.353E-01	.459E+01	.349E+02	.113E-01	
40,000	.160E+03	.101E+01	.963E-03	.135E-03	.335E-04	.306E-01	.451E+01	.331E+02	.808E-02	
45,000	.180E+03	.101E+01	.748E-03	.908E-04	.195E-04	.270E-01	.444E+01	.318E+02	.607E-02	
50,000	.200E+03	.101E+01	.597E-03	.641E-04	.121E-04	.242E-01	.439E+01	.309E+02	.473E-02	
55,000	.220E+03	.101E+01	.488E-03	.469E-04	.789E-05	.219E-01	.435E+01	.301E+02	.379E-02	
60,000	.240E+03	.101E+01	.406E-03	.354E-04	.537E-05	.200E-01	.432E+01	.295E+02	.310E-02	
65,000	.260E+03	.101E+01	.344E-03	.273E-04	.378E-05	.184E-01	.429E+01	.290E+02	.259E-02	
70,000	.280E+03	.101E+01	.294E-03	.216E-04	.274E-05	.170E-01	.427E+01	.286E+02	.219E-02	
75,000	.300E+03	.101E+01	.255E-03	.173E-04	.203E-05	.158E-01	.425E+01	.282E+02	.188E-02	
80,000	.320E+03	.101E+01	.223E-03	.141E-04	.154E-05	.148E-01	.423E+01	.279E+02	.163E-02	
85,000	.340E+03	.101E+01	.197E-03	.116E-04	.119E-05	.139E-01	.422E+01	.277E+02	.143E-02	
90,000	.360E+03	.101E+01	.175E-03	.971E-05	.929E-06	.131E-01	.421E+01	.274E+02	.126E-02	
95,000	.380E+03	.101E+01	.156E-03	.819E-05	.738E-06	.124E-01	.419E+01	.272E+02	.112E-02	
100,000	.400E+03	.101E+01	.141E-03	.697E-05	.594E-06	.118E-01	.418E+01	.271E+02	.100E-02	

3

21

C(I)=2,30259

CS1= 4.50

ALBDA= .20

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.152E+02	.133E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.202E+02	.118E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.253E+02	.113E+01	.375E+00	0.	0.	.542E+00	0.	0.	0.
6,000	.304E+02	.110E+01	.123E+00	0.	0.	.319E+00	0.	0.	0.
7,000	.354E+02	.108E+01	.653E-01	.873E+00	0.	.236E+00	.523E+02	0.	0.
8,000	.405E+02	.107E+01	.410E-01	.128E+00	0.	.189E+00	.154E+02	0.	0.
9,000	.456E+02	.106E+01	.283E-01	.527E-01	0.	.159E+00	.111E+02	0.	0.
10,000	.506E+02	.105E+01	.207E-01	.277E-01	.167E+00	.137E+00	.928E+01	.386E+03	.179E+01
15,000	.759E+02	.103E+01	.708E-02	.390E-02	.465E-02	.814E-01	.656E+01	.898E+02	.149E+00
20,000	.101E+03	.102E+01	.355E-02	.123E-02	.820E-03	.581E-01	.582E+01	.622E+02	.531E-01
25,000	.127E+03	.102E+01	.213E-02	.536E-03	.249E-03	.452E-01	.547E+01	.520E+02	.271E-01
30,000	.152E+03	.102E+01	.141E-02	.280E-03	.996E-04	.370E-01	.527E+01	.468E+02	.164E-01
35,000	.177E+03	.101E+01	.101E-02	.165E-03	.474E-04	.513E-01	.514E+01	.436E+02	.110E-01
40,000	.202E+03	.101E+01	.756E-03	.105E-03	.254E-04	.272E-01	.504E+01	.414E+02	.791E-02
45,000	.228E+03	.101E+01	.588E-03	.708E-04	.148E-04	.240E-01	.497E+01	.398E+02	.595E-02
50,000	.253E+03	.101E+01	.470E-03	.501E-04	.919E-05	.215E-01	.492E+01	.387E+02	.464E-02
55,000	.278E+03	.101E+01	.384E-03	.367E-04	.601E-05	.194E-01	.488E+01	.378E+02	.372E-02
60,000	.304E+03	.101E+01	.320E-03	.277E-04	.409E-05	.177E-01	.484E+01	.370E+02	.305E-02
65,000	.329E+03	.101E+01	.270E-03	.214E-04	.288E-05	.165E-01	.481E+01	.364E+02	.254E-02
70,000	.354E+03	.101E+01	.232E-03	.169E-04	.209E-05	.151E-01	.479E+01	.359E+02	.215E-02
75,000	.380E+03	.101E+01	.201E-03	.136E-04	.155E-05	.141E-01	.477E+01	.355E+02	.185E-02
80,000	.405E+03	.101E+01	.176E-03	.111E-04	.118E-05	.132E-01	.475E+01	.351E+02	.160E-02
85,000	.430E+03	.101E+01	.155E-03	.913E-05	.907E-06	.124E-01	.473E+01	.348E+02	.140E-02
90,000	.456E+03	.101E+01	.138E-03	.762E-05	.711E-06	.117E-01	.472E+01	.345E+02	.124E-02
95,000	.481E+03	.100E+01	.123E-03	.643E-05	.565E-06	.110E-01	.471E+01	.343E+02	.110E-02
100,000	.506E+03	.100E+01	.111E-03	.548E-05	.455E-06	.105E-01	.470E+01	.341E+02	.985E-03

C(1)=2.30259

CS1= 5.00

ALBDA= .16

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.187E+02	.126E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.250E+02	.115E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.313E+02	.110E+01	.283E+00	0.	0.	.482E+00	0.	0.	0.
6,000	.375E+02	.108E+01	.954E-01	0.	0.	.286E+00	0.	0.	0.
7,000	.438E+02	.107E+01	.511E-01	.625E+00	0.	.212E+00	.541E+02	0.	0.
8,000	.500E+02	.106E+01	.323E-01	.960E-01	0.	.170E+00	.166E+02	0.	0.
9,000	.563E+02	.105E+01	.223E-01	.403E-01	0.	.143E+00	.121E+02	0.	0.
10,000	.625E+02	.104E+01	.164E-01	.213E-01	.123E+00	.123E+00	.101E+02	.451E+03	.169E+01
15,000	.938E+02	.103E+01	.566E-02	.307E-02	.356E-02	.732E-01	.721E+01	.108E+03	.145E+00
20,000	.125E+03	.102E+01	.284E-02	.974E-03	.634E-03	.523E-01	.642E+01	.754E+02	.520E-01
25,000	.156E+03	.102E+01	.171E-02	.427E-03	.194E-03	.407E-01	.605E+01	.633E+02	.266E-01
30,000	.188E+03	.101E+01	.114E-02	.424E-03	.779E-04	.333E-01	.583E+01	.571E+02	.162E-01
35,000	.219E+03	.101E+01	.813E-03	.132E-03	.372E-04	.282E-01	.569E+01	.532E+02	.109E-01
40,000	.250E+03	.101E+01	.610E-03	.841E-04	.199E-04	.245E-01	.559E+01	.507E+02	.779E-02
45,000	.281E+03	.101E+01	.474E-03	.569E-04	.116E-04	.216E-01	.551E+01	.488E+02	.587E-02
50,000	.313E+03	.101E+01	.379E-03	.402E-04	.724E-05	.193E-01	.545E+01	.474E+02	.457E-02
55,000	.344E+03	.101E+01	.310E-03	.295E-04	.474E-05	.175E-01	.541E+01	.463E+02	.367E-02
60,000	.375E+03	.101E+01	.258E-03	.223E-04	.323E-05	.160E-01	.537E+01	.454E+02	.300E-02
65,000	.406E+03	.101E+01	.218E-03	.172E-04	.228E-05	.147E-01	.534E+01	.447E+02	.251E-02
70,000	.438E+03	.101E+01	.187E-03	.136E-04	.165E-05	.136E-01	.531E+01	.441E+02	.212E-02
75,000	.469E+03	.101E+01	.162E-03	.109E-04	.123E-05	.127E-01	.529E+01	.436E+02	.182E-02
80,000	.500E+03	.100E+01	.142E-03	.891E-05	.930E-06	.119E-01	.527E+01	.432E+02	.158E-02
85,000	.531E+03	.100E+01	.125E-03	.736E-05	.718E-06	.111E-01	.525E+01	.428E+02	.138E-02
90,000	.563E+03	.100E+01	.111E-03	.615E-05	.563E-06	.105E-01	.524E+01	.425E+02	.122E-02
95,000	.594E+03	.100E+01	.995E-04	.519E-05	.448E-06	.994E-02	.522E+01	.422E+02	.109E-02
100,000	.625E+03	.100E+01	.896E-04	.442E-05	.360E-06	.943E-02	.521E+01	.419E+02	.972E-03

B

23,

C(I)=2,30259

CS1= 5.50

ALBDA= .13

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.227E+02	.121E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.302E+02	.112E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.378E+02	.109E+01	.222E+00	0.	0.	.434E+00	0.	0.	0.
6,000	.454E+02	.107E+01	.762E-01	0.	0.	.259E+00	0.	0.	0.
7,000	.529E+02	.105E+01	.411E-01	.471E+00	0.	.192E+00	.565E+02	0.	0.
8,000	.605E+02	.105E+01	.261E-01	.752E-01	0.	.154E+00	.178E+02	0.	0.
9,000	.681E+02	.104E+01	.181E-01	.318E-01	0.	.130E+00	.130E+02	0.	0.
10,000	.756E+02	.104E+01	.134E-01	.170E-01	.942E-01	.112E+00	.110E+02	.524E+03	.163E+01
15,000	.113E+03	.102E+01	.463E-02	.248E-02	.281E-02	.666E-01	.787E+01	.128E+03	.142E+00
20,000	.151E+03	.102E+01	.233E-02	.792E-03	.507E-03	.475E-01	.702E+01	.900E+02	.512E-01
25,000	.189E+03	.101E+01	.140E-02	.349E-03	.155E-03	.370E-01	.662E+01	.758E+02	.263E-01
30,000	.227E+03	.101E+01	.937E-03	.183E-03	.627E-04	.303E-01	.639E+01	.684E+02	.160E-01
35,000	.265E+03	.101E+01	.670E-03	.108E-03	.300E-04	.256E-01	.624E+01	.639E+02	.107E-01
40,000	.302E+03	.101E+01	.502E-03	.690E-04	.161E-04	.222E-01	.613E+01	.609E+02	.771E-02
45,000	.340E+03	.101E+01	.391E-03	.467E-04	.941E-05	.196E-01	.605E+01	.587E+02	.580E-02
50,000	.378E+03	.101E+01	.312E-03	.331E-04	.586E-05	.176E-01	.599E+01	.571E+02	.452E-02
55,000	.416E+03	.101E+01	.256E-03	.243E-04	.384E-05	.159E-01	.594E+01	.558E+02	.363E-02
60,000	.454E+03	.101E+01	.213E-03	.183E-04	.262E-05	.145E-01	.590E+01	.548E+02	.297E-02
65,000	.492E+03	.100E+01	.180E-03	.142E-04	.185E-05	.134E-01	.586E+01	.539E+02	.248E-02
70,000	.529E+03	.100E+01	.154E-03	.112E-04	.134E-05	.124E-01	.583E+01	.532E+02	.210E-02
75,000	.567E+03	.100E+01	.134E-03	.900E-05	.996E-06	.115E-01	.581E+01	.526E+02	.180E-02
80,000	.605E+03	.100E+01	.117E-03	.734E-05	.755E-06	.108E-01	.579E+01	.521E+02	.156E-02
85,000	.643E+03	.100E+01	.103E-03	.606E-05	.583E-06	.101E-01	.577E+01	.516E+02	.137E-02
90,000	.681E+03	.100E+01	.918E-04	.506E-05	.457E-06	.955E-02	.576E+01	.513E+02	.121E-02
95,000	.718E+03	.100E+01	.821E-04	.427E-05	.364E-06	.903E-02	.574E+01	.509E+02	.108E-02
100,000	.756E+03	.100E+01	.739E-04	.364E-05	.293E-06	.857E-02	.573E+01	.506E+02	.963E-03

C(I)=2,30259

CS1= 6.00

ALBDA= .11

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.270E+02	.118E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.360E+02	.110E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.450E+02	.107E+01	.179E+00	0.	0.	.395E+00	0.	0.	0.
6,000	.540E+02	.106E+01	.624E-01	0.	0.	.237E+00	0.	0.	0.
7,000	.630E+02	.105E+01	.339E-01	.369E+00	0.	.176E+00	.592E+02	0.	0.
8,000	.720E+02	.104E+01	.216E-01	.606E-01	0.	.141E+00	.191E+02	0.	0.
9,000	.810E+02	.103E+01	.150E-01	.259E-01	0.	.119E+00	.140E+02	0.	0.
10,000	.900E+02	.103E+01	.111E-01	.139E-01	.749E-01	.102E+00	.119E+02	.605E+03	.158E+01
15,000	.135E+03	.102E+01	.386E-02	.205E-02	.229E-02	.610E-01	.854E+01	.150E+03	.140E+00
20,000	.180E+03	.101E+01	.195E-02	.658E-03	.415E-03	.436E-01	.763E+01	.106E+03	.506E-01
25,000	.225E+03	.101E+01	.118E-02	.290E-03	.128E-03	.339E-01	.720E+01	.895E+02	.260E-01
30,000	.270E+03	.101E+01	.785E-03	.153E-03	.517E-04	.278E-01	.695E+01	.809E+02	.158E-01
35,000	.315E+03	.101E+01	.561E-03	.902E-04	.247E-04	.235E-01	.679E+01	.756E+02	.106E-01
40,000	.360E+03	.101E+01	.421E-03	.576E-04	.133E-04	.204E-01	.667E+01	.721E+02	.764E-02
45,000	.405E+03	.101E+01	.327E-03	.390E-04	.778E-05	.180E-01	.659E+01	.696E+02	.575E-02
50,000	.450E+03	.101E+01	.262E-03	.277E-04	.485E-05	.161E-01	.652E+01	.676E+02	.449E-02
55,000	.495E+03	.100E+01	.214E-03	.203E-04	.318E-05	.146E-01	.647E+01	.661E+02	.360E-02
60,000	.540E+03	.100E+01	.179E-03	.153E-04	.217E-05	.133E-01	.642E+01	.649E+02	.295E-02
65,000	.585E+03	.100E+01	.151E-03	.119E-04	.153E-05	.122E-01	.639E+01	.640E+02	.246E-02
70,000	.630E+03	.100E+01	.130E-03	.938E-05	.111E-05	.113E-01	.636E+01	.631E+02	.209E-02
75,000	.675E+03	.100E+01	.112E-03	.754E-05	.825E-06	.106E-01	.633E+01	.624E+02	.179E-02
80,000	.720E+03	.100E+01	.983E-04	.615E-05	.626E-06	.988E-02	.631E+01	.618E+02	.155E-02
85,000	.765E+03	.100E+01	.867E-04	.508E-05	.484E-06	.928E-02	.629E+01	.613E+02	.136E-02
90,000	.810E+03	.100E+01	.771E-04	.424E-05	.379E-06	.875E-02	.627E+01	.609E+02	.120E-02
95,000	.855E+03	.100E+01	.690E-04	.358E-05	.302E-06	.828E-02	.626E+01	.605E+02	.107E-02
100,000	.900E+03	.100E+01	.621E-04	.305E-05	.243E-06	.786E-02	.624E+01	.601E+02	.956E-03

B

25,

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.317E+02	.115E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.422E+02	.108E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.528E+02	.106E+01	.148E+00	0.	0.	.363E+00	0.	0.	0.
6,000	.634E+02	.105E+01	.521E-01	0.	0.	.218E+00	0.	0.	0.
7,000	.739E+02	.104E+01	.284E-01	.298E+00	0.	.162E+00	.622E+02	0.	0.
8,000	.845E+02	.103E+01	.182E-01	.500E-01	0.	.130E+00	.204E+02	0.	0.
9,000	.951E+02	.103E+01	.127E-01	.215E-01	0.	.109E+00	.151E+02	0.	0.
10,000	.106E+03	.103E+01	.937E-02	.116E-01	.611E-01	.944E-01	.127E+02	.693E+03	.154E+01
15,000	.158E+03	.102E+01	.327E-02	.172E-02	.190E-02	.563E-01	.921E+01	.174E+03	.138E+00
20,000	.211E+03	.101E+01	.166E-02	.555E-03	.346E-03	.402E-01	.824E+01	.123E+03	.502E-01
25,000	.264E+03	.101E+01	.998E-03	.245E-03	.107E-03	.313E-01	.778E+01	.104E+03	.258E-01
30,000	.317E+03	.101E+01	.667E-03	.129E-03	.433E-04	.256E-01	.752E+01	.944E+02	.157E-01
35,000	.370E+03	.101E+01	.477E-03	.765E-04	.208E-04	.217E-01	.734E+01	.884E+02	.106E-01
40,000	.422E+03	.101E+01	.358E-03	.489E-04	.112E-04	.188E-01	.722E+01	.843E+02	.759E-02
45,000	.475E+03	.100E+01	.279E-03	.331E-04	.654E-05	.166E-01	.713E+01	.814E+02	.571E-02
50,000	.528E+03	.100E+01	.223E-03	.235E-04	.408E-05	.149E-01	.706E+01	.791E+02	.446E-02
55,000	.581E+03	.100E+01	.182E-03	.172E-04	.268E-05	.135E-01	.700E+01	.774E+02	.358E-02
60,000	.634E+03	.100E+01	.152E-03	.130E-04	.183E-05	.123E-01	.695E+01	.760E+02	.293E-02
65,000	.687E+03	.100E+01	.129E-03	.101E-04	.129E-05	.113E-01	.692E+01	.749E+02	.245E-02
70,000	.739E+03	.100E+01	.110E-03	.797E-05	.936E-06	.105E-01	.688E+01	.739E+02	.207E-02
75,000	.792E+03	.100E+01	.956E-04	.641E-05	.696E-06	.975E-02	.686E+01	.731E+02	.178E-02
80,000	.845E+03	.100E+01	.836E-04	.523E-05	.528E-06	.912E-02	.683E+01	.724E+02	.154E-02
85,000	.898E+03	.100E+01	.738E-04	.432E-05	.408E-06	.857E-02	.681E+01	.718E+02	.135E-02
90,000	.951E+03	.100E+01	.656E-04	.361E-05	.320E-06	.808E-02	.679E+01	.713E+02	.119E-02
95,000	.100E+04	.100E+01	.587E-04	.305E-05	.255E-06	.764E-02	.678E+01	.708E+02	.106E-02
100,000	.106E+04	.100E+01	.528E-04	.260E-05	.205E-06	.725E-02	.676E+01	.704E+02	.950E-03

C(I)=2,30259

CS1= 7.00

ALBDA= .08

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.367E+02	.113E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.490E+02	.107E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.613E+02	.105E+01	.124E+00	0.	0.	.335E+00	0.	0.	0.
6,000	.735E+02	.104E+01	.442E-01	0.	0.	.202E+00	0.	0.	0.
7,000	.857E+02	.103E+01	.242E-01	.246E+00	0.	.151E+00	.654E+02	0.	0.
8,000	.980E+02	.103E+01	.155E-01	.420E-01	0.	.121E+00	.218E+02	0.	0.
9,000	.110E+03	.102E+01	.108E-01	.181E-01	0.	.102E+00	.161E+02	0.	0.
10,000	.123E+03	.102E+01	.802E-02	.979E-02	.509E-01	.876E-01	.136E+02	.788E+03	.151E+01
15,000	.184E+03	.101E+01	.281E-02	.147E-02	.160E-02	.523E-01	.988E+01	.200E+03	.157E+00
20,000	.245E+03	.101E+01	.142E-02	.475E-03	.294E-03	.373E-01	.885E+01	.142E+03	.498E-01
25,000	.306E+03	.101E+01	.858E-03	.210E-03	.909E-04	.291E-01	.837E+01	.120E+03	.256E-01
30,000	.367E+03	.101E+01	.574E-03	.111E-03	.369E-04	.238E-01	.808E+01	.109E+03	.156E-01
35,000	.429E+03	.101E+01	.410E-03	.657E-04	.177E-04	.201E-01	.790E+01	.102E+03	.105E-01
40,000	.490E+03	.100E+01	.308E-03	.420E-04	.954E-05	.175E-01	.776E+01	.975E+02	.755E-02
45,000	.551E+03	.100E+01	.240E-03	.285E-04	.558E-05	.154E-01	.767E+01	.941E+02	.568E-02
50,000	.613E+03	.100E+01	.192E-03	.202E-04	.348E-05	.138E-01	.759E+01	.916E+02	.444E-02
55,000	.674E+03	.100E+01	.157E-03	.148E-04	.229E-05	.125E-01	.753E+01	.896E+02	.356E-02
60,000	.735E+03	.100E+01	.131E-03	.112E-04	.156E-05	.114E-01	.748E+01	.880E+02	.292E-02
65,000	.796E+03	.100E+01	.111E-03	.868E-05	.110E-05	.105E-01	.744E+01	.867E+02	.243E-02
70,000	.858E+03	.100E+01	.950E-04	.686E-05	.800E-06	.972E-02	.741E+01	.856E+02	.206E-02
75,000	.919E+03	.100E+01	.824E-04	.551E-05	.595E-06	.905E-02	.738E+01	.847E+02	.177E-02
80,000	.980E+03	.100E+01	.721E-04	.450E-05	.451E-06	.847E-02	.735E+01	.839E+02	.154E-02
85,000	.104E+04	.100E+01	.636E-04	.372E-05	.349E-06	.796E-02	.733E+01	.832E+02	.134E-02
90,000	.110E+04	.100E+01	.565E-04	.311E-05	.274E-06	.750E-02	.731E+01	.826E+02	.119E-02
95,000	.116E+04	.100E+01	.506E-04	.262E-05	.218E-06	.710E-02	.729E+01	.821E+02	.106E-02
100,000	.122E+04	.100E+01	.455E-04	.224E-05	.175E-06	.673E-02	.728E+01	.816E+02	.946E-03

C(I)=2,30259

CS1= 7.50

ALBDA= .07

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
3,000	.422E+02	.111F+01	0.	0.	0.	0.	0.	0.	0.
4,000	.563E+02	.106E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.703E+02	.104E+01	.106E+00	0.	0.	.312E+00	0.	0.	0.
6,000	.844E+02	.104E+01	.380E-01	0.	0.	.188E+00	0.	0.	0.
7,000	.984E+02	.103E+01	.209E-01	.207E+00	0.	.140E+00	.687E+02	0.	0.
8,000	.113E+03	.102E+01	.134E-01	.359E-01	0.	.113E+00	.231E+02	0.	0.
9,000	.127E+03	.102E+01	.937E-02	.155E-01	0.	.948E-01	.171E+02	0.	0.
10,000	.141E+03	.102E+01	.694E-02	.841E-02	.431E-01	.818E-01	.145E+02	.891E+03	.148E+01
15,000	.211E+03	.101E+01	.244E-02	.127E-02	.137E-02	.488E-01	.106E+02	.228E+03	.136E+00
20,000	.281E+03	.101E+01	.124E-02	.411E-03	.253E-03	.349E-01	.946E+01	.162E+03	.495E-01
25,000	.352E+03	.101E+01	.746E-03	.182E-03	.783E-04	.271E-01	.895E+01	.138E+03	.255E-01
30,000	.422E+03	.101E+01	.499E-03	.964E-04	.318E-04	.222E-01	.865E+01	.125E+03	.155E-01
35,000	.492E+03	.100E+01	.357E-03	.570E-04	.153E-04	.188E-01	.845E+01	.117E+03	.105E-01
40,000	.563E+03	.100E+01	.268E-03	.365E-04	.824E-05	.163E-01	.831E+01	.112E+03	.751E-02
45,000	.633E+03	.100E+01	.209E-03	.247E-04	.482E-05	.144E-01	.821E+01	.108E+03	.566E-02
50,000	.703E+03	.100E+01	.167E-03	.175E-04	.301E-05	.129E-01	.813E+01	.105E+03	.442E-02
55,000	.773E+03	.100E+01	.137E-03	.129E-04	.198E-05	.117E-01	.806E+01	.103E+03	.354E-02
60,000	.844E+03	.100E+01	.114E-03	.975E-05	.135E-05	.106E-01	.801E+01	.101E+03	.290E-02
65,000	.914E+03	.100E+01	.965E-04	.755E-05	.953E-06	.980E-02	.797E+01	.994E+02	.242E-02
70,000	.984E+03	.100E+01	.827E-04	.597E-05	.692E-06	.907E-02	.793E+01	.981E+02	.205E-02
75,000	.105E+04	.100E+01	.717E-04	.480E-05	.514E-06	.845E-02	.790E+01	.971E+02	.176E-02
80,000	.113E+04	.100E+01	.627E-04	.391E-05	.390E-06	.790E-02	.787E+01	.962E+02	.153E-02
85,000	.120E+04	.100E+01	.554E-04	.323E-05	.302E-06	.743E-02	.785E+01	.954E+02	.134E-02
90,000	.127E+04	.100E+01	.492E-04	.270E-05	.237E-06	.700E-02	.783E+01	.947E+02	.118E-02
95,000	.134E+04	.100E+01	.440E-04	.228E-05	.188E-06	.663E-02	.781E+01	.941E+02	.105E-02
100,000	.141E+04	.100E+01	.396E-04	.195E-05	.152E-06	.629E-02	.779E+01	.936E+02	.942E-03

C(I)=2,30259

CS1= 8,00

ALBDA= ,06

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
3,000	.480E+02	,110E+01	0,	0,	0,	0,	0,	0,	0,
4,000	.640E+02	,106E+01	0,	0,	0,	0,	0,	0,	0,
5,000	.800E+02	,104E+01	,918E-01	0,	0,	,291E+00	0,	0,	0,
6,000	.960E+02	,103E+01	,331E-01	0,	0,	,176E+00	0,	0,	0,
7,000	,112E+03	,103E+01	,182E-01	,177E+00	0,	,132E+00	,721E+02	0,	0,
8,000	,128E+03	,102E+01	,117E-01	,310E-01	0,	,106E+00	,245E+02	0,	0,
9,000	,144E+03	,102E+01	,819E-02	,135E-01	0,	,888E-01	,182E+02	0,	0,
10,000	,160E+03	,102E+01	,607E-02	,731E-02	,370E-01	,767E-01	,154E+02	,100E+04	,147E+01
15,000	,240E+03	,101E+01	,214E-02	,111E-02	,119E-02	,457E-01	,112E+02	,258E+03	,135E+00
20,000	,320E+03	,101E+01	,108E-02	,360E-03	,220E-03	,327E-01	,101E+02	,184E+03	,493E-01
25,000	,400E+03	,101E+01	,655E-03	,160E-03	,682E-04	,254E-01	,953E+01	,156E+03	,254E-01
30,000	,480E+03	,101E+01	,438E-03	,844E-04	,277E-04	,208E-01	,921E+01	,142E+03	,155E-01
35,000	,560E+03	,100E+01	,313E-03	,500E-04	,133E-04	,176E-01	,901E+01	,133E+03	,104E-01
40,000	,640E+03	,100E+01	,235E-03	,320E-04	,719E-05	,153E-01	,886E+01	,127E+03	,749E-02
45,000	,720E+03	,100E+01	,183E-03	,217E-04	,421E-05	,135E-01	,875E+01	,122E+03	,564E-02
50,000	,800E+03	,100E+01	,147E-03	,154E-04	,263E-05	,121E-01	,866E+01	,119E+03	,440E-02
55,000	,880E+03	,100E+01	,120E-03	,113E-04	,173E-05	,109E-01	,860E+01	,117E+03	,353E-02
60,000	,960E+03	,100E+01	,100E-03	,856E-05	,118E-05	,998E-02	,854E+01	,115E+03	,290E-02
65,000	,104E+04	,100E+01	,847E-04	,663E-05	,832E-06	,918E-02	,850E+01	,113E+03	,242E-02
70,000	,112E+04	,100E+01	,727E-04	,524E-05	,604E-06	,851E-02	,846E+01	,112E+03	,205E-02
75,000	,120E+04	,100E+01	,630E-04	,421E-05	,450E-06	,792E-02	,842E+01	,110E+03	,176E-02
80,000	,128E+04	,100E+01	,551E-04	,344E-05	,341E-06	,741E-02	,840E+01	,109E+03	,152E-02
85,000	,136E+04	,100E+01	,486E-04	,284E-05	,264E-06	,696E-02	,837E+01	,108E+03	,134E-02
90,000	,144E+04	,100E+01	,432E-04	,237E-05	,207E-06	,657E-02	,835E+01	,108E+03	,118E-02
95,000	,152E+04	,100E+01	,387E-04	,200E-05	,165E-06	,621E-02	,833E+01	,107E+03	,105E-02
100,000	,160E+04	,100E+01	,348E-04	,171E-05	,133E-06	,589E-02	,831E+01	,106E+03	,939E-03

C(I)=2.30259

CS1= 8.50

ALBDA= .06

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
3,000	.542E+02	.108E+01	0.	0.	0.	0.	0.	0.	0.
4,000	.722E+02	.105E+01	0.	0.	0.	0.	0.	0.	0.
5,000	.903E+02	.103E+01	.802E-01	0.	0.	.274E+00	0.	0.	0.
6,000	.108E+03	.103E+01	.291E-01	0.	0.	.166E+00	0.	0.	0.
7,000	.126E+03	.102E+01	.160E-01	.153E+00	0.	.124E+00	.755E+02	0.	0.
8,000	.144E+03	.102E+01	.103E-01	.271E-01	0.	.996E-01	.259E+02	0.	0.
9,000	.163E+03	.102E+01	.722E-02	.118E-01	0.	.836E-01	.192E+02	0.	0.
10,000	.181E+03	.101E+01	.536E-02	.641E-02	.322E-01	.721E-01	.163E+02	.112E+04	.145E+01
15,000	.271E+03	.101E+01	.189E-02	.977E-03	.104E-02	.430E-01	.119E+02	.290E+03	.134E+00
20,000	.361E+03	.101E+01	.959E-03	.317E-03	.193E-03	.308E-01	.107E+02	.207E+03	.490E-01
25,000	.452E+03	.101E+01	.579E-03	.141E-03	.599E-04	.239E-01	.101E+02	.176E+03	.253E-01
30,000	.542E+03	.100E+01	.387E-03	.746E-04	.244E-04	.196E-01	.978E+01	.159E+03	.154E-01
35,000	.632E+03	.100E+01	.277E-03	.442E-04	.117E-04	.166E-01	.956E+01	.150E+03	.104E-01
40,000	.722E+03	.100E+01	.208E-03	.283E-04	.633E-05	.144E-01	.941E+01	.143E+03	.746E-02
45,000	.813E+03	.100E+01	.162E-03	.192E-04	.371E-05	.127E-01	.929E+01	.138E+03	.562E-02
50,000	.903E+03	.100E+01	.130E-03	.136E-04	.232E-05	.114E-01	.920E+01	.134E+03	.439E-02
55,000	.993E+03	.100E+01	.106E-03	.100E-04	.152E-05	.103E-01	.913E+01	.131E+03	.352E-02
60,000	.108E+04	.100E+01	.886E-04	.757E-05	.104E-05	.939E-02	.907E+01	.129E+03	.289E-02
65,000	.117E+04	.100E+01	.750E-04	.586E-05	.734E-06	.864E-02	.902E+01	.127E+03	.241E-02
70,000	.126E+04	.100E+01	.643E-04	.463E-05	.533E-06	.801E-02	.898E+01	.126E+03	.204E-02
75,000	.135E+04	.100E+01	.558E-04	.373E-05	.396E-06	.745E-02	.895E+01	.124E+03	.175E-02
80,000	.144E+04	.100E+01	.488E-04	.304E-05	.301E-06	.697E-02	.892E+01	.123E+03	.152E-02
85,000	.154E+04	.100E+01	.431E-04	.251E-05	.232E-06	.655E-02	.889E+01	.122E+03	.133E-02
90,000	.163E+04	.100E+01	.383E-04	.210E-05	.182E-06	.618E-02	.887E+01	.121E+03	.118E-02
95,000	.172E+04	.100E+01	.343E-04	.177E-05	.145E-06	.585E-02	.885E+01	.121E+03	.105E-02
100,000	.181E+04	.100E+01	.308E-04	.151E-05	.117E-06	.555E-02	.883E+01	.120E+03	.937E-03

		C(1)=2,30259		CS1= 9,00		ALBDA= .05				
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV	
3,000	,607E+02	,107E+01	0,	0,	0,	0,	0,	0,	0,	
4,000	,810E+02	,104E+01	0,	0,	0,	0,	0,	0,	0,	
5,000	,101E+03	,103E+01	,707E-01	0,	0,	,258E+00	0,	0,	0,	
6,000	,121E+03	,102E+01	,257E-01	0,	0,	,157E+00	0,	0,	0,	
7,000	,142E+03	,102E+01	,142E-01	,134E+00	0,	,117E+00	,791E+02	0,	0,	
8,000	,162E+03	,102E+01	,915E-02	,239E-01	0,	,940E-01	,273E+02	0,	0,	
9,000	,182E+03	,101E+01	,642E-02	,104E-01	0,	,789E-01	,203E+02	0,	0,	
10,000	,202E+03	,101E+01	,476E-02	,567E-02	,282E-01	,681E-01	,173E+02	,124E+04	,144E+01	
15,000	,304E+03	,101E+01	,168E-02	,867E-03	,922E-03	,407E-01	,126E+02	,324E+03	,134E+00	
20,000	,405E+03	,101E+01	,854E-03	,282E-03	,171E-03	,290E-01	,113E+02	,231E+03	,489E-01	
25,000	,506E+03	,100E+01	,516E-03	,125E-03	,531E-04	,226E-01	,107E+02	,196E+03	,252E-01	
30,000	,607E+03	,100E+01	,345E-03	,664E-04	,216E-04	,185E-01	,103E+02	,178E+03	,154E-01	
35,000	,709E+03	,100E+01	,247E-03	,393E-04	,104E-04	,157E-01	,101E+02	,167E+03	,104E-01	
40,000	,810E+03	,100E+01	,186E-03	,252E-04	,562E-05	,136E-01	,995E+01	,160E+03	,745E-02	
45,000	,911E+03	,100E+01	,145E-03	,171E-04	,329E-05	,120E-01	,983E+01	,154E+03	,561E-02	
50,000	,101E+04	,100E+01	,116E-03	,121E-04	,206E-05	,107E-01	,974E+01	,150E+03	,438E-02	
55,000	,111E+04	,100E+01	,948E-04	,892E-05	,135E-05	,971E-02	,966E+01	,147E+03	,351E-02	
60,000	,121E+04	,100E+01	,790E-04	,674E-05	,922E-06	,887E-02	,960E+01	,145E+03	,288E-02	
65,000	,132E+04	,100E+01	,669E-04	,523E-05	,652E-06	,816E-02	,955E+01	,143E+03	,240E-02	
70,000	,142E+04	,100E+01	,574E-04	,413E-05	,473E-06	,756E-02	,951E+01	,141E+03	,204E-02	
75,000	,152E+04	,100E+01	,497E-04	,332E-05	,352E-06	,704E-02	,947E+01	,139E+03	,175E-02	
80,000	,162E+04	,100E+01	,435E-04	,271E-05	,267E-06	,659E-02	,944E+01	,138E+03	,152E-02	
85,000	,172E+04	,100E+01	,384E-04	,224E-05	,207E-06	,619E-02	,941E+01	,137E+03	,133E-02	T1,
90,000	,182E+04	,100E+01	,341E-04	,187E-05	,162E-06	,584E-02	,939E+01	,136E+03	,117E-02	
95,000	,192E+04	,100E+01	,306E-04	,158E-05	,129E-06	,552E-02	,937E+01	,135E+03	,104E-02	
100,000	,202E+04	,100E+01	,275E-04	,135E-05	,104E-06	,524E-02	,935E+01	,134E+03	,935E-03	

C

$\alpha < 0$, logarithme népérien

		C(I)=1.00000		CS1= -0.0		ALRVA=100.00			
ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
+.007	+.700E+04	.161E+15	.180E+245	.497E+263	.169E+275	.833E+93	.206E+106	.522E+210	RKRKR
+.008	+.800E+04	.910E+210	.105E+239	.303E+257	.104E+264	.113E+91	.711E+103	.893E+210	RKRKR
+.009	+.900E+04	.105E+204	.154E+234	.382E+252	.152E+264	.35E+E88	.781E+100	.736E+205	RKRKR
+.010	+.100E+03	.370E+200	.470E+230	.134E+247	.425E+260	.18E+E86	.420E+98	.211E+201	RNRKR
+.020	+.200E+03	.175E+170	.310E+200	.121E+217	.419E+230	.347E+71	.563E+83	.350E+171	+106E+312
+.030	+.300E+03	.260E+153	.917E+183	.370E+204	.152E+217	.113E+63	.133E+75	.181E+154	.516E+217
+.040	+.400E+03	.510E+101	.175E+170	.824E+186	.370E+200	.131E+57	.113L+69	.171E+142	.527E+213
+.050	+.500E+03	.600E+132	.527E+161	.295E+178	.142E+190	.385E+52	.242L+64	.511E+132	.107E+215
+.060	+.600E+03	.193E+124	.268E+153	.175E+170	.917E+183	.650E+48	.39AL+60	.178E+125	.231E+20
+.070	+.700E+03	.373E+116	.818E+147	.625E+164	.355E+176	.76E+E45	.267E+57	.531E+118	.781E+207
+.080	+.800E+03	.920E+113	.318E+141	.284E+158	.175E+170	.193E+43	.501E+54	.175E+113	.160E+207
+.090	+.900E+03	.480E+106	.257E+136	.668E+153	.179E+165	.105E+41	.206L+52	.271E+108	.753E+107
+.100	+.100E+02	.170E+104	.600E+152	.731E+149	.527E+161	.107F+39	.157E+50	.146E+104	.417E+10
+.200	+.200E+02	.153E+77	.726E+104	.387E+120	.600E+132	.55E+E26	.626E+36	.114E+71	.802E+107
+.300	+.300E+02	.205E+63	.300E+88	.726E+104	.252E+115	.628E+20	.356E+29	.193E+62	.308E+100
+.400	+.400E+02	.392E+54	.153E+77	.114E+92	.726E+104	.510E+16	.604E+24	.310E+52	.772E+02
+.500	+.500E+02	.194E+47	.127E+69	.309E+84	.376E+95	.580E+13	.217E+21	.234E+45	.197E+10
+.600	+.600E+02	.253E+42	.208E+63	.153E+77	.346E+88	.570E+11	.511E+18	.801E+39	.650L+60
+.700	+.700E+02	.292E+38	.236E+58	.484E+72	.200L+82	.16E+E10	.426L+16	.357E+35	.248E+53
+.800	+.800E+02	.605E+35	.392E+54	.214E+67	.153E+77	.103E+09	.873E+14	.99E+E31	.267E+47
+.900	+.900E+02	.354E+32	.153E+50	.200E+63	.254E+73	.110E+08	.348E+13	.104E+29	.331L+42
+1.000	+.100E+01	.787E+30	.196E+47	.622E+60	.127E+69	.17E+E07	.230E+12	.537E+26	.262E+38
+2.000	+.200E+01	.240E+17	.709E+30	.161E+39	.194E+47	.361E+03	.229E+06	.312E+13	.102E+18
+3.000	+.300E+01	.321E+12	.652E+22	.189E+30	.159E+36	.252E+02	.150E+04	.374E+08	.591L+10
+4.000	+.400E+01	.204E+09	.242E+17	.495E+24	.768L+30	.763E+01	.152E+03	.135E+06	.191E+07
+5.000	+.500E+01	.171E+07	.229E+14	.379E+20	.295E+25	.397E+01	.345E+02	.561E+04	.202E+05
+6.000	+.600E+01	.202E+06	.280E+17	.228E+17	.634E+22	.262E+01	.154E+02	.800E+03	.116E+04
+7.000	+.700E+01	.154E+05	.966E+11	.273E+15	.216L+19	.190E+01	.911E+01	.220E+03	.167E+03
+8.000	+.800E+01	.161E+05	.145E+09	.110E+13	.207E+17	.157E+04	.631E+01	.955E+02	.417E+02
+9.000	+.900E+01	.260E+04	.122E+08	.205E+12	.797E+16	.132E+01	.479E+01	.504E+02	.148E+02
+10.000	+.100E+00	.726E+04	.681E+08	.21E+11	.157E+14	.114E+01	.386E+01	.308E+02	.660E+01
+15.000	+.150E+00	.157E+02	.110E+05	.256E+08	.142E+10	.692E+00	.198E+01	.709E+01	.661E+00
+20.000	+.200E+00	.760E+02	.147E+04	.756E+07	.132E+08	.505E+00	.134E+01	.307E+01	.216E+00
+25.000	+.250E+00	.198E+01	.626E+03	.495E+06	.182E+07	.399E+00	.100E+01	.166E+01	.108E+00
+30.000	+.300E+00	.377E+01	.156E+03	.153E+05	.971E+07	.531E+00	.790L+00	.101E+01	.618E+01
+35.000	+.350E+00	.590E+01	.287E+03	.513E+05	.700E+06	.283E+00	.645E+00	.648E+00	.449E+01
+40.000	+.400E+00	.840E+01	.430E+03	.495E+05	.663E+06	.248E+00	.538E+00	.434E+00	.329L+01
+45.000	+.450E+00	.111E+00	.597E+03	.664E+05	.117E+05	.270E+00	.456E+00	.297E+00	.253L+01
+50.000	+.500E+00	.130E+00	.747E+03	.796E+05	.179E+05	.198E+00	.390E+00	.205E+00	.201E+J1
+55.000	+.550E+00	.165E+00	.882E+03	.882E+05	.245E+05	.180E+00	.357L+00	.142E+00	.164E+01
+60.000	+.600E+00	.191E+00	.999E+03	.973E+05	.309E+05	.165E+00	.292E+00	.965E+01	.137E+01
+65.000	+.650E+00	.211E+00	.110E+02	.925E+05	.368E+05	.152E+00	.255E+00	.636E+01	.116E+01
+70.000	+.700E+00	.242E+00	.117E+02	.890E+05	.419E+05	.142E+00	.223L+00	.395E+01	.999E+02
+75.000	+.750E+00	.266E+00	.124E+02	.846E+05	.461E+05	.132E+00	.195E+00	.214E+01	.868E+02
+80.000	+.800E+00	.284E+00	.128E+02	.781E+05	.493E+05	.124E+00	.171E+00	.787E+02	.762E+02
+85.000	+.850E+00	.311E+00	.131E+02	.700E+05	.516E+05	.117E+00	.149E+00	.230E+02	.675E+02
+90.000	+.900E+00	.331E+00	.133E+02	.632E+05	.551E+05	.110E+00	.130E+00	.101F+01	.602E+02
+95.000	+.950E+00	.351E+00	.134E+02	.555E+05	.559E+05	.104E+00	.113E+00	.154E+01	.540E+02
+100.000	+.100E+01	.370E+00	.135E+02	.481E+05	.500E+05	.993E+01	.973E+01	.203E+01	.488E+02

		C(1)*1,00000		C51# - .30		ALBUA# 44,44			
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
- .001	- .725E+04	.444E-133	.190E-146	.285E-154	.801E-160	.981E+60	.345E+66	.223E+134	.536E+253
- .002	- .450E+04	.102E-119	.444E-133	.672E-141	.190E-146	.20E+F54	.719E+59	.962E+120	.103E+227
- .003	- .650E+04	.652E-112	.291E-125	.444E-135	.126E-130	.262E+50	.894E+55	.148E+113	.254E+211
- .004	- .900E+04	.223E-106	.102E-119	.156E-127	.444E-133	.453E+47	.152E+53	.429E+107	.220E+200
- .005	- .112E+03	.432E-102	.262E-115	.312E-125	.891E-129	.379E+45	.109E+51	.219E+103	.591E+191
- .006	- .155E+03	.137E-90	.652E-112	.102E-114	.291E-125	.591E+43	.193E+49	.685E+99	.597E+184
- .007	- .157E+03	.124E-95	.603E-109	.947E-117	.272E-122	.194E+42	.640E+47	.749E+96	.739E+178
- .008	- .180E+03	.447E-93	.223E-106	.553E-114	.102E-119	.106E+41	.335E+46	.205E+94	.571E+173
- .009	- .202E+03	.803E-91	.409E-104	.652E-112	.169E-117	.79E+F39	.249E+45	.113E+92	.179E+169
- .010	- .225E+03	.633E-89	.432E-102	.694E-110	.202E-115	.192E+38	.244E+44	.108E+90	.169E+165
- .020	- .450E+03	.120E-75	.850E-89	.105E-96	.432E-102	.225E+32	.600E+37	.628E+76	.792E+138
- .030	- .675E+03	.557E-68	.947E-81	.830E-89	.259E-94	.379E+28	.879E+33	.130E+69	.468E+123
- .040	- .900E+03	.130E-62	.128E-75	.256E-83	.850E-99	.874E+25	.176E+31	.505E+63	.905E+112
- .050	- .112E+02	.172E-58	.299E-71	.444E-79	.151E-84	.803E+23	.148E+29	.344E+59	.611E+104
- .060	- .135E+02	.372E-55	.557E-68	.128E-75	.447E-81	.200E+22	.398E+27	.144E+56	.145E+98
- .070	- .157E+02	.232E-52	.825E-65	.105E-72	.378E-78	.889E+20	.120E+26	.210E+53	.415E+92
- .080	- .160E+02	.579E-50	.130E-62	.343E-70	.128E-75	.621E+19	.736E+24	.765E+50	.757E+87
- .090	- .202E+02	.722E-48	.196E-60	.551E-68	.216E-73	.614E+18	.640E+23	.540E+48	.527E+83
- .100	- .225E+02	.520E-40	.172E-58	.522E-66	.209E-71	.797E+17	.753E+22	.710E+46	.113E+00
- .200	- .450E+02	.260E-34	.520E-46	.304E-53	.172E-58	.27E+E12	.812E+16	.635E+34	.122E+57
- .300	- .675E+02	.496E-28	.483E-39	.520E-46	.404E-51	.442E+09	.489E+13	.173E+28	.845E+44
- .400	- .900E+02	.659E-24	.200E-34	.493E-41	.520E-46	.774E+07	.371E+11	.767E+23	.115E+37
- .500	- .112E+01	.673E-21	.860E-31	.275E-37	.368E-42	.471E+06	.109E+10	.525E+20	.291E+31
- .600	- .135E+01	.117E-18	.498E-28	.260E-34	.403E-39	.603E+05	.742E+08	.195E+18	.177E+27
- .700	- .157E+01	.747E-17	.879E-26	.778E-32	.176E-36	.125E+05	.884E+07	.221E+16	.895E+23
- .800	- .180E+01	.225E-15	.659E-24	.801E-30	.260E-34	.365E+04	.157E+07	.599E+14	.199E+21
- .900	- .202E+01	.378E-14	.260E-22	.498E-28	.195E-32	.135E+04	.375E+06	.289E+13	.151E+19
-1.000	- .225E+01	.410E-13	.623E-21	.174E-26	.860E-31	.598E+05	.112E+06	.222E+12	.198E+17
-2.000	- .450E+01	.149E-07	.415E-13	.206E-17	.623E-21	.137E+02	.243E+03	.361E+06	.163E+08
-3.000	- .675E+01	.280E-05	.150E-09	.401E-13	.037E-16	.408E+01	.274E+02	.250E+04	.913E+04
-4.000	- .900E+01	.495E-04	.125E-07	.136E-10	.389E-13	.227E+01	.990E+01	.246E+03	.230E+03
-5.000	- .112E+00	.305E-03	.229E-06	.612E-09	.364E-11	.158E+01	.560E+01	.666E+02	.270E+02
-6.000	- .135E+00	.106E-02	.168E-05	.840E-08	.900E-10	.122E+01	.384E+01	.289E+02	.674E+01
-7.000	- .157E+00	.265E-02	.710E-05	.556E-07	.951E-09	.101E+01	.294E+01	.159E+02	.256E+01
-8.000	- .180E+00	.533E-02	.209E-04	.228E-06	.570E-08	.858E+00	.238E+01	.100E+02	.125E+01
-9.000	- .202E+00	.425E-02	.482E-04	.669E-06	.250E-07	.750E+00	.200L+01	.686E+01	.723E+00
-10.000	- .225E+00	.145E-01	.933E-04	.155E-05	.696E-07	.668E+00	.172E+01	.499E+01	.466E+00
-15.000	- .337E+00	.566E-01	.613E-03	.150E-04	.170E-05	.436E+00	.990E+00	.152E+01	.121E+00
-20.000	- .450E+00	.114E+00	.139E-02	.343E-04	.697E-05	.326E+00	.663E+00	.615E+00	.578E-01
-25.000	- .562E+00	.175E+00	.208E-02	.440E-04	.141E-04	.261E+00	.472E+00	.264E+00	.347E-01
-30.000	- .675E+00	.235E+00	.257E-02	.450E-04	.205E-04	.218E+00	.346E+00	.101E+00	.236E-01
-35.000	- .787E+00	.286E+00	.285E-02	.390E-04	.246E-04	.187E+00	.256E+00	.186E-01	.112E-01
-40.000	- .900E+00	.334E+00	.294E-02	.301E-04	.265E-04	.164E+00	.189E+00	.251E-01	.131E-01
-45.000	- .101E+01	.570E+00	.301E-02	.224E-04	.267E-04	.146E+00	.136E+00	.481E-01	.104E-01
-50.000	- .112E+01	.415E+00	.296E-02	.151E-04	.258E-04	.131E+00	.930E-01	.597E-01	.845E-02
-55.000	- .124E+01	.444E+00	.288E-02	.904E-05	.243E-04	.119E+00	.586E-01	.645E-01	.701E-02
-60.000	- .135E+01	.480E+00	.277E-02	.429E-05	.224E-04	.110E+00	.295E-01	.652E-01	.592E-02
-65.000	- .146E+01	.507E+00	.264E-02	.646E-06	.205E-04	.101E+00	.476E-02	.636E-01	.507L-02
-70.000	- .157E+01	.532E+00	.251E-02	.207E-05	.185E-04	.941E-01	.165L-01	.604E-01	.439E-02
-75.000	- .169E+01	.555E+00	.238E-02	.406E-05	.167L-04	.874E-01	.349L-01	.564E-01	.388E-02
-80.000	- .180E+01	.570E+00	.225E-02	.547E-05	.150E-04	.824E-01	.511E-01	.519E-01	.339L-02
-85.000	- .191E+01	.595E+00	.213E-02	.644E-05	.134E-04	.776E-01	.655E-01	.471E-01	.301L-02
-90.000	- .202E+01	.612E+00	.202E-02	.708E-05	.120E-04	.734E-01	.787L-01	.422E-01	.269L-02
-95.000	- .214E+01	.620E+00	.191E-02	.746E-05	.108E-04	.695E-01	.847L-01	.374E-01	.243L-02
-100.000	- .225E+01	.645E+00	.180E-02	.765E-05	.965E-05	.661F-01	.100E+00	.326E-01	.220L-02

C(1)=1,00000				CS1= -40		ALBUA= 25,00			
ALPHA	AL/LAM	AMN(1)	AMC(2)	AMC(5)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-0.001	-0.400E+04	-975E-75	-294E+82	-117E-86	-803E+90	-556E+34	-737E+37	-102E+76	-788E+142
-0.002	-0.800E+04	-119E+61	-975E+75	-384E+79	-294E+62	-976E+30	-128E+34	-304E+68	-740E+127
-0.003	-0.120E+03	-780E+63	-743E+70	-975E+75	-739E+78	-621E+28	-813E+31	-125E+64	-123E+119
-0.004	-0.160E+03	-102E+59	-319E+67	-129E+71	-975E+75	-175E+77	-725E+30	-957E+60	-736E+112
-0.005	-0.200E+03	-263E+51	-834E+65	-531E+69	-257E+72	-116E+26	-140E+29	-368E+50	-111E+104
-0.006	-0.240E+03	-205E+55	-766E+65	-519E+67	-243L+70	-115E+25	-145E+28	-394E+56	-129E+104
-0.007	-0.280E+03	-113E+53	-304E+61	-149E+65	-114E+68	-170E+24	-213E+27	-850E+54	-613E+100
-0.008	-0.320E+03	-310E+52	-162E+59	-417E+64	-319E+67	-526E+23	-404E+26	-301E+53	-817E+97
-0.009	-0.360E+03	-574E+51	-191E+59	-786E+63	-603L+66	-762E+22	-940E+25	-165E+52	-239E+95
-0.010	-0.400E+03	-780E+50	-203E+57	-104E+61	-834E+65	-206E+22	-255E+25	-121E+51	-130E+93
-0.020	-0.800E+03	-205E+42	-700E+50	-335E+54	-263E+57	-432E+18	-487E+21	-435E+43	-202E+78
-0.030	-0.120E+02	-405E+38	-174E+45	-786E+50	-624E+53	-320E+16	-340E+19	-206E+39	-548E+69
-0.040	-0.160E+02	-422E+35	-205E+42	-954E+47	-780E+50	-101E+15	-103E+18	-180E+36	-534E+63
-0.050	-0.200E+02	-680E+33	-419E+40	-233E+44	-194E+47	-780F+13	-702E+16	-845E+33	-131E+59
-0.060	-0.240E+02	-662E+31	-405L+38	-265E+42	-174E+45	-960E+12	-745L+15	-106E+32	-245E+55
-0.070	-0.280E+02	-247E+29	-169L+36	-684E+41	-772E+44	-166E+12	-128E+15	-270E+30	-107E+52
-0.080	-0.320E+02	-552E+28	-422E+35	-231E+39	-205E+42	-373E+11	-266E+14	-115E+29	-398E+49
-0.090	-0.360L+02	-633E+27	-712E+34	-405F+38	-366E+41	-101E+11	-614E+13	-171E+27	-185L+47
-0.100	-0.400E+02	-825E+26	-880E+33	-520E+31	-479E+40	-321E+10	-199E+13	-819E+26	-160E+45
-0.200	-0.800E+02	-352E+19	-923E+26	-784E+30	-880E+33	-273E+07	-890E+09	-105E+20	-192E+32
-0.300	-0.120E+01	-120E+15	-767E+22	-923E+26	-123E+28	-174E+05	-157E+08	-210E+10	-210L+25
-0.400	-0.160E+01	-250E+13	-352E+19	-581E+23	-923E+26	-150E+04	-801E+06	-146E+13	-104L+21
-0.500	-0.200E+01	-116E+11	-33AE+17	-740E+21	-159E+23	-155E+04	-121E+06	-124F+12	-741L+17
-0.600	-0.240E+01	-224E+10	-120E+15	-352E+19	-767E+22	-484E+03	-267L+05	-532E+10	-314E+15
-0.700	-0.280E+01	-232E+09	-220E+14	-636E+18	-211E+20	-202E+03	-808E+04	-435E+09	-437E+13
-0.800	-0.320E+01	-157E+08	-250E+13	-121E+16	-352E+19	-101E+03	-306E+04	-562E+08	-140L+12
-0.900	-0.360E+01	-771E+08	-198E+12	-120E+15	-399E+18	-576E+02	-137L+04	-102E+08	-823L+10
-1.000	-0.400E+01	-298E+07	-118E+11	-880E+15	-336E+17	-364E+02	-693E+03	-241E+07	-769L+09
-2.000	-0.800E+01	-306E+04	-282L+07	-109E+09	-116L+11	-424E+01	-230L+02	-146E+04	-513L+04
-3.000	-0.120L+00	-153E+03	-28AE+05	-242E+07	-551E+09	-201E+01	-706L+01	-105E+03	-651L+02
-4.000	-0.160E+00	-578E+02	-253E+04	-499E+06	-199E+07	-135E+01	-391L+01	-280E+02	-722L+01
-5.000	-0.200E+00	-105E+01	-112E+03	-320F+05	-195E+06	-101E+01	-269E+01	-124F+02	-195L+01
-6.000	-0.240E+00	-212E+01	-303E+03	-108E+04	-908E+06	-821E+00	-205L+01	-686E+01	-820L+00
-7.000	-0.280E+00	-355E+01	-608E+03	-246E+04	-270E+05	-695E+00	-164E+01	-424E+01	-441E+00
-8.000	-0.320E+00	-526E+01	-101L+02	-437E+04	-597E+05	-603E+00	-137E+01	-287E+01	-276L+00
-9.000	-0.360E+00	-118E+01	-147E+02	-655F+04	-108E+04	-534E+00	-116E+01	-200E+01	-190L+00
-10.000	-0.400E+00	-923E+01	-196E+02	-871F+04	-171E+04	-480E+00	-100E+01	-144E+01	-141L+00
-15.000	-0.600E+00	-194E+04	-408E+02	-141E+03	-550E+04	-521E+00	-542E+00	-504E+00	-519E+01
-20.000	-0.800E+00	-205F+00	-509E+02	-115E+03	-781E+04	-242F+00	-314E+00	-101E+01	-203L+01
-25.000	-0.100E+01	-375E+00	-531L+02	-893E+04	-821E+04	-194E+00	-179E+00	-835E+01	-182L+01
-30.000	-0.120L+01	-401E+00	-512E+02	-319F+04	-757E+04	-162E+00	-872E+01	-1111E+00	-128L+01
-35.000	-0.140E+01	-494F+00	-476E+02	-680E+05	-655E+04	-140E+00	-207E+01	-1122E+00	-952E+02
-40.000	-0.160E+01	-539F+00	-436E+02	-857E+05	-551E+04	-122E+00	-298L+01	-103E+00	-739L+02
-45.000	-0.180E+01	-377F+00	-396E+02	-173E+04	-457E+04	-109E+00	-693L+01	-895E+01	-591L+02
-50.000	-0.200E+01	-610F+00	-359E+02	-218E+04	-377E+04	-983E+01	-101E+00	-748E+01	-484E+02
-55.000	-0.220E+01	-637F+00	-325E+02	-236E+04	-311E+04	-895E+01	-127E+00	-600E+01	-404E+02
-60.000	-0.240E+01	-662F+00	-295E+02	-239E+04	-257E+04	-821E+01	-149L+00	-451E+01	-342L+02
-65.000	-0.260E+01	-683F+00	-268E+02	-234E+04	-214E+04	-759E+01	-168L+00	-322E+01	-294L+02
-70.000	-0.280E+01	-701F+00	-245E+02	-223E+04	-17AE+04	-705E+01	-184E+00	-196E+01	-255L+02
-75.000	-0.300E+01	-710F+00	-224L+02	-211E+04	-150E+04	-654E+01	-198L+00	-784F+02	-224E+02
-80.000	-0.320E+01	-733F+00	-205L+02	-190E+04	-126E+04	-618E+01	-210L+00	-298E+02	-198L+02
-85.000	-0.340E+01	-746F+00	-189E+02	-181E+04	-107E+04	-582E+01	-221E+00	-130E+01	-176L+02
-90.000	-0.360E+01	-759F+00	-174E+02	-168E+04	-915E+05	-555E+01	-231E+00	-224E+01	-158L+02
-95.000	-0.380E+01	-770F+00	-161E+02	-155E+04	-765E+05	-521F+01	-240E+00	-310E+01	-142L+02
-100.000	-0.400E+01	-780F+00	-149E+02	-143E+04	-677E+05	-495E+01	-248E+00	-391E+01	-129L+02

		C(I)=1.00000	CII= -.50	ALBU= 16.00					
ALPHA	AL/LAH	AMNL(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CBLP	CKLP	VARLV
-0.001	-625E-04	.9A4E-48	.151E-52	.231E-55	.252E-57	.395E+22	.392E+24	.101E+49	.343E+91
-0.002	-725E-03	.675E-43	.984E-48	.151E-50	.151E-52	.150E+20	.154E+22	.156E+44	.949E+81
-0.003	-187E-03	.410E-40	.641E-45	.984E-48	.990E-50	.617E+18	.606E+20	.241E+41	.226E+76
-0.004	-250E-03	.405E-38	.635E-43	.971E-46	.984E-48	.625E+17	.611E+19	.244E+39	.237E+72
-0.005	-312E-03	.141E-36	.224E-41	.545E-44	.344E-46	.106F+11	.103E+19	.696E+37	.145E+69
-0.006	-375E-03	.256E-35	.410E-40	.635E-43	.641E-45	.250F+16	.241E+18	.381E+38	.591E+66
-0.007	-437E-03	.291F-34	.480E-39	.744E-42	.752E-44	.137E+15	.706E+17	.327E+35	.441E+64
-0.008	-500E-03	.248E-33	.403E-38	.627E-41	.635E-43	.250E+15	.245L+17	.391E+34	.637E+62
-0.009	-562E-03	.161E-32	.263E-37	.410E-40	.416E-42	.101F+15	.961E+16	.601E+33	.152E+61
-0.010	-625E-03	.855F-32	.941E-36	.620E-39	.224E-41	.440E+14	.417E+16	.113E+33	.542L+59
-0.020	-125E-02	.477E-27	.853E-32	.137E-34	.141E-36	.193E+12	.174E+14	.194E+28	.180E+50
-0.030	-187E-02	.268E-24	.518E-29	.655E-32	.809E-34	.846E+10	.724E+12	.332E+25	.593E+44
-0.040	-250E-02	.229F-22	.477E-27	.807E-30	.853E-32	.955F+09	.774E+11	.374E+23	.843E+40
-0.050	-312E-02	.699E-21	.157E-25	.272E-28	.291E-30	.174E+09	.139E+11	.110E+22	.942E+37
-0.060	-375E-02	.111F-19	.268E-24	.477E-27	.518E-29	.460E+08	.344E+10	.719E+20	.368E+35
-0.070	-437E-02	.113F-18	.292E-23	.534E-26	.586E-28	.152F+08	.107E+10	.685E+19	.342E+33
-0.080	-500E-02	.822F-18	.229E-22	.424E-25	.477E-27	.583E+07	.391E+09	.902E+18	.763E+31
-0.090	-562E-02	.467E-17	.140E-21	.268E-24	.302E-26	.253E+07	.162E+09	.155E+18	.245E+30
-0.100	-625E-02	.218F-16	.699E-21	.137E-23	.157E-25	.121E+07	.744E+08	.321E+17	.117E+29
-0.200	-125E-01	.354F-12	.218E-16	.502E-19	.699E-21	.132E+05	.534E+06	.148E+13	.627E+20
-0.300	-187E-01	.647E-10	.702E-14	.218E-16	.315E-18	.130E+04	.370L+05	.640E+10	.260E+16
-0.400	-250E-01	.197E-08	.353E-12	.135E-14	.218E-16	.302E+03	.638E+04	.173E+09	.378E+13
-0.500	-312E-01	.232F-07	.654E-11	.301E-13	.540E-15	.110F+03	.179E+04	.126F+06	.359E+11
-0.600	-375E-01	.153F-06	.647E-10	.354E-12	.702E-14	.526E+02	.682E+03	.168E+07	.107E+10
-0.700	-437E-01	.683F-06	.416E-09	.264F-11	.566E-13	.294E+02	.317E+03	.530E+06	.618E+08
-0.800	-500E-01	.232F-05	.197E-08	.149E-10	.354E-12	.191E+02	.171E+03	.916E+05	.732E+07
-0.900	-562E-01	.642F-05	.736E-08	.645E-10	.108E-11	.134F+02	.102E+03	.309E+05	.117E+07
-1.000	-625E-01	.153F-04	.230E-07	.232E-09	.654E-11	.994E+01	.665E+02	.124E+05	.250E+06
-2.000	-125E+00	.152F-02	.129E-04	.567E-06	.208E-07	.236E+01	.788E+01	.121E+03	.993E+02
-3.000	-167E+00	.100E-01	.187E-03	.879E-05	.823E-06	.134E+01	.359E+01	.214E+02	.537E+01
-4.000	-250E+00	.281F-01	.730E-03	.453E-04	.606E-05	.960E+00	.230E+01	.83E+01	.121E+01
-5.000	-312E+00	.541F-01	.167E-02	.114E-03	.200E-04	.755E+00	.167E+01	.420E+01	.489E+00
-6.000	-375E+00	.849E-01	.282E-02	.193E-05	.427E-04	.625E+00	.129E+01	.239E+01	.265E+00
-7.000	-437E+00	.118E+00	.399E-02	.263E-03	.708E-04	.535E+00	.104E+01	.144E+01	.169E+00
-8.000	-500E+00	.152F+00	.507E-02	.309F-03	.100E-03	.469F+00	.854E+00	.88E+00	.117E+00
-9.000	-562E+00	.185E+00	.599E-02	.333E-03	.127E-03	.418E+00	.712E+00	.542E+00	.895E+01
-10.000	-625E+00	.218F+00	.673E-02	.333E-03	.150E-03	.57E+00	.598E+00	.516E+00	.704E+01
-15.000	-937E+00	.556F+00	.819E-02	.189F-05	.194E-03	.254F+00	.255E+00	.106E+00	.306E+01
-20.000	-125E+01	.458F+00	.776L-02	.537E-04	.170E-03	.192E+00	.786E-01	.171E+00	.177L+01
-25.000	-154E+01	.534F+00	.683E-02	.164E-04	.153E-03	.155E+00	.300E-01	.158E+00	.117L+01
-30.000	-167E+01	.592E+00	.588E-02	.469E-04	.994E-04	.130E+00	.104E+00	.127F+00	.834E+02
-35.000	-219E+01	.637E+00	.505E-02	.565E-04	.740E-04	.111E+00	.158E+00	.918E-01	.630E+02
-40.000	-250E+01	.674E+00	.434E-02	.567E-04	.554E-04	.978F-01	.19RL+00	.585E-01	.492E+02
-45.000	-281E+01	.704F+00	.376E-02	.531E-04	.420E-04	.871E-01	.230E+00	.282E-01	.345E+02
-50.000	-312E+01	.728F+00	.327E-02	.480F-04	.322E-04	.786E-01	.256E+00	.103E+02	.325E+02
-55.000	-344E+01	.750E+00	.287E-02	.428E-04	.250E-04	.715E-01	.278E+00	.232E+01	.272E+02
-60.000	-375E+01	.768F+00	.250E-02	.578E-04	.196E-04	.656E-01	.245E+00	.44E+01	.231E+02
-65.000	-406E+01	.783F+00	.226E-02	.535F-04	.156E-04	.607E-01	.311E+00	.640F-01	.198L+02
-70.000	-437E+01	.797F+00	.202E-02	.294E-04	.126E-04	.564E-01	.320E+00	.612E-01	.172E+02
-75.000	-469E+01	.804F+00	.182E-02	.259F-04	.102E-04	.527F-01	.335E+00	.968E-01	.151E+02
-80.000	-500E+01	.820F+00	.160L-02	.274F-04	.838E-05	.494E-01	.345E+00	.111E+00	.134E+02
-85.000	-531E+01	.824F+00	.149L-02	.204F-04	.693L-05	.465E-01	.354E+00	.124E+00	.119L+02
-90.000	-562E+01	.838F+00	.136E-02	.181F-04	.518L-05	.440F-01	.362E+00	.135E+00	.107E+02
-95.000	-594E+01	.840F+00	.124E-02	.162E-04	.406E-05	.417F-01	.369E+00	.146E+00	.962E+03
-100.000	-625E+01	.853F+00	.110E-02	.145E-04	.411E-05	.390E-01	.375E+00	.155E+00	.872E+03

		C(1)=1.00000	C51= -1.60	ALBUD= 11.11					
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
-0.001	-0.900E-04	.454F-33	.200E-36	.231F-38	.946E-40	.995E+15	.242E+17	.217E+34	.515E+63
-0.002	-0.180E-03	.100F-29	.450E-33	.504F-35	.209E-36	.213E+14	.518E+15	.990E+30	.108E+57
-0.003	-0.270E-03	.894F-26	.413E-31	.459E-33	.186E-34	.226E+13	.547E+14	.110E+29	.135E+53
-0.004	-0.360E-03	.217F-26	.100E-29	.112E-31	.459E-33	.461E+12	.111E+14	.455E+27	.232E+50
-0.005	-0.450E-03	.256E-25	.119E-28	.133E-30	.546E-32	.135E+12	.323E+13	.385E+26	.167E+48
-0.006	-0.540E-03	.192E-24	.899E-28	.100F-29	.413E-31	.493E+11	.118E+13	.512E+25	.247E+46
-0.007	-0.630E-03	.105F-23	.495E-27	.555E-29	.228E-30	.211E+11	.503E+12	.930E+24	.991E+44
-0.008	-0.720E-03	.446UF-23	.217E-26	.244E-28	.100E-29	.101E+11	.241E+12	.213E+24	.523E+43
-0.009	-0.810E-03	.160E-22	.800E-26	.894F-28	.371E-29	.531E+10	.126E+12	.580E+23	.391E+42
-0.010	-0.900E-03	.537F-22	.256E-25	.289E-27	.119E-28	.298E+10	.703E+11	.181E+23	.385E+41
-0.020	-0.160L-02	.106F-18	.537E-22	.615E-24	.258E-25	.688E+08	.156E+10	.690E+19	.101E+35
-0.030	-0.270E-02	.864F-17	.460E-20	.537F-22	.226E-23	.785E+07	.172E+09	.107E+18	.156L+51
-0.040	-0.360E-02	.190F-15	.106E-18	.126E-20	.537E-22	.172E+07	.364E+08	.474E+16	.333L+28
-0.050	-0.450E-02	.204F-14	.120E-17	.146E-19	.623E-21	.539E+06	.110E+08	.431E+15	.296L+26
-0.060	-0.540E-02	.139E-13	.864E-17	.106E-18	.460E-20	.212E+06	.419E+07	.616E+14	.657E+24
-0.070	-0.630E-02	.694F-13	.454E-16	.569E-18	.248E-19	.971E+05	.186E+07	.120E+14	.268E+23
-0.080	-0.720E-02	.270F-12	.190E-15	.242E-17	.106E-18	.499E+05	.926E+06	.296E+13	.173E+22
-0.090	-0.810E-02	.922F-12	.666E-15	.864E-17	.383E-18	.280E+05	.503E+06	.665F+12	.159E+21
-0.100	-0.900E-02	.264E-11	.204E-14	.269E-16	.120E-17	.168E+05	.293E+06	.292E+20	
-0.200	-0.180E-01	.226F-08	.269E-11	.418E-13	.204E-14	.725E+03	.949E+04	.282E+09	.338E+14
-0.300	-0.270E-01	.840F-07	.144E-09	.269E-11	.142E-12	.145F+03	.149E+04	.645F+07	.248E+11
-0.400	-0.360E-01	.901F-06	.226E-08	.471E-10	.260E-11	.527E+02	.439E+03	.527F+06	.309L+09
-0.500	-0.450E-01	.500F-05	.171E-07	.401F-09	.250E-10	.262E+02	.187E+03	.853E+05	.118L+08
-0.600	-0.540E-01	.185F-04	.836E-07	.225F-08	.148E-09	.156F+02	.932E+02	.212F+05	.948E+06
-0.700	-0.630E-01	.523F-04	.303E-06	.919E-08	.645L-09	.105F+02	.550E+02	.701E+04	.143E+06
-0.800	-0.720E-01	.172E-03	.886L-06	.300E-07	.224E-08	.771F+01	.359L+02	.245F+04	.245E+05
-0.900	-0.810E-01	.240F-03	.220E-05	.623F-07	.657L-08	.590E+01	.253E+02	.130E+04	.802E+04
-1.000	-0.900E-01	.452E-03	.479E-05	.198E-06	.168E-07	.484E+01	.169E+02	.727E+03	.208E+04
-2.000	-0.180E+00	.111E-01	.330E-03	.256F-04	.361E-05	.164F+01	.427E+01	.301E+02	.100E+02
-3.000	-0.270E+00	.404F-01	.175E-02	.168E-03	.336E-04	.102E+01	.229E+01	.791F+01	.124E+01
-4.000	-0.360E+00	.838F-01	.403E-02	.392E-03	.102E-03	.750F+00	.153E+01	.326E+01	.418E+00
-5.000	-0.450E+00	.132E+00	.639E-02	.571E-03	.186E-03	.006E+00	.112E+01	.156E+01	.213E+00
-6.000	-0.540E+00	.181E+00	.834E-02	.652E-03	.264E-03	.507E+00	.851E+00	.764E+00	.153E+00
-7.000	-0.630E+00	.227E+00	.984E-02	.646E-03	.323E-03	.437E+00	.662E+00	.441E+00	.931E-01
-8.000	-0.720E+00	.270F+00	.108E-01	.584E-03	.362E-03	.385E+00	.520E+00	.978E-01	.699E-01
-9.000	-0.810E+00	.311E+00	.114E-01	.495E-03	.381E-03	.344E+00	.408E+00	.470E-01	.551E-01
-10.000	-0.900E+00	.347E+00	.116E-01	.398E-03	.367E-03	.311E+00	.318E+00	.135E+00	.448E-01
-15.000	-0.135L+01	.480F+00	.106E-01	.420F-04	.310E-03	.211F+00	.305L-01	.237E+00	.212E+01
-20.000	-0.180E+01	.582F+00	.864E-02	.870E-04	.210E-03	.160E+00	.108E+00	.186E+00	.127E+01
-25.000	-0.225E+01	.647E+00	.694E-02	.115E-03	.159L-03	.124E+00	.200E+00	.111E+00	.851E+02
-30.000	-0.270E+01	.695F+00	.561E-02	.110E-03	.929E-04	.108F+00	.262E+00	.530E-01	.613E+02
-35.000	-0.315E+01	.731E+00	.461E-02	.962F-04	.637E-04	.928E+01	.308E+00	.253E+02	.463E+02
-40.000	-0.360E+01	.760F+00	.383E-02	.913E-04	.444E-04	.814E-01	.343E+00	.495F-01	.363E+02
-45.000	-0.405E+01	.783F+00	.323E-02	.879E-04	.323E-04	.726E-01	.370E+00	.897E-01	.242E+02
-50.000	-0.450E+01	.802F+00	.276E-02	.857E-04	.238L-04	.654E-01	.342E+00	.124E+00	.240E+02
-55.000	-0.495E+01	.814F+00	.238E-02	.875F-04	.178E-04	.596E-01	.410E+00	.154E+00	.201E+02
-60.000	-0.540E+01	.832F+00	.207E-02	.801E-04	.136E-04	.547E-01	.425L+00	.180E+00	.171E+02
-65.000	-0.585E+01	.840F+00	.182E-02	.740E-04	.106E-04	.505F-01	.438E+00	.203E+00	.147E+02
-70.000	-0.630E+01	.854F+00	.161E-02	.790E-04	.836L-05	.470E-01	.449E+00	.223E+00	.128E+02
-75.000	-0.675E+01	.863F+00	.143E-02	.750E-04	.667E-05	.434F-01	.459E+00	.201E+00	.112E+02
-80.000	-0.720E+01	.871F+00	.129E-02	.710E-04	.530E-05	.412E-01	.468E+00	.257E+00	.992E+03
-85.000	-0.765E+01	.878F+00	.116E-02	.688E-04	.440E-05	.388E-01	.475E+00	.271E+00	.884E+03
-90.000	-0.810E+01	.884F+00	.105E-02	.646E-04	.362E-05	.360E-01	.482E+00	.284E+00	.792E+03
-95.000	-0.855E+01	.890F+00	.956E-03	.594E-04	.301E-05	.344E-01	.488E+00	.296E+00	.714E+03
-100.000	-0.900E+01	.895F+00	.874E-03	.512E-04	.252E-05	.330E-01	.494E+00	.307E+00	.647E+03

C(1)=1.00000				C51= -.70		ALHDA= .5,16			
ALPHA	AL/LAH	AMNL(1)	AMC(2)	AMG(3)	AMG(4)	CVLP	CSLP	CKLP	VARLV
-.001	-.122E-03	.521E-24	.112E-26	.411E-28	.393E-29	.104E+12	.109E+13	.311E+25	.735E+46
-.002	-.245E-03	.913E-22	.321E-24	.118E-25	.112E-26	.621E+10	.646E+11	.109E+23	.911E+41
-.003	-.367E-03	.240E-20	.876E-23	.321E-24	.307E-25	.119E+10	.124E+11	.401E+21	.124E+39
-.004	-.490E-03	.625E-19	.913E-22	.335E-23	.321E-24	.371E+09	.384E+10	.385E+20	.115E+37
-.005	-.612E-03	.150E-18	.562E-21	.201E-22	.148E-23	.151E+09	.155E+10	.621E+19	.306E+35
-.006	-.735E-03	.694E-18	.748E-20	.491E-22	.876E-23	.718E+08	.739E+09	.142E+19	.159E+34
-.007	-.857E-03	.242E-17	.869E-20	.321E-21	.308E-22	.385E+08	.395E+09	.407E+18	.150E+33
-.008	-.980E-03	.715E-17	.758E-19	.491E-21	.913E-22	.225E+08	.250E+09	.138E+18	.150E+32
-.009	-.110E-02	.185E-16	.671E-19	.248E-20	.238E-21	.140E+08	.143E+09	.530E+17	.225E+31
-.010	-.122E-02	.435E-16	.158E-18	.585E-20	.562E-21	.914E+07	.937E+08	.225E+17	.407E+30
-.020	-.245E-02	.115E-15	.435E-16	.163E-17	.158E-18	.573E+06	.569E+07	.836E+14	.590E+25
-.030	-.367E-02	.291E-14	.114E-14	.435E-16	.424E-17	.116E+06	.112E+07	.324E+13	.937E+22
-.040	-.490E-02	.281E-11	.115E-13	.443E-15	.435E-16	.581E+05	.759E+06	.329E+12	.102E+21
-.050	-.612E-02	.161E-10	.603E-13	.261E-14	.263E-15	.162E+05	.149E+06	.565E+11	.316E+19
-.060	-.735E-02	.659E-10	.291E-12	.115E-13	.114E-14	.811E+04	.753E+05	.135E+11	.190E+18
-.070	-.857E-02	.215E-09	.964E-12	.394E-13	.390E-14	.461E+04	.404E+05	.408E+10	.182E+17
-.080	-.980E-02	.593E-09	.281E-11	.114E-12	.115E-13	.283E+04	.242E+05	.145E+10	.243E+16
-.090	-.110E-01	.144E-08	.708E-11	.291E-12	.295E-13	.185E+04	.154E+05	.584E+09	.918E+15
-.100	-.122E-01	.515E-08	.161E-10	.669E-12	.683E-13	.121E+04	.104E+05	.264E+09	.880E+14
-.200	-.245E-01	.444E-06	.315E-08	.148E-09	.161E-10	.120E+03	.836E+03	.162E+07	.502E+10
-.300	-.367E-01	.633E-05	.606E-07	.315E-08	.363E-09	.387E+02	.214E+03	.101E+06	.276E+08
-.400	-.490E-01	.362E-04	.443E-06	.258E-07	.315E-08	.184E+02	.876E+02	.160E+05	.926E+06
-.500	-.612E-01	.127E-03	.195E-05	.120E-06	.162E-07	.111E+02	.460E+02	.424E+04	.813E+05
-.600	-.735E-01	.535E-03	.622E-05	.430E-06	.595E-07	.740E+01	.282E+02	.153E+04	.128E+05
-.700	-.857E-01	.115E-03	.159E-04	.122E-05	.174E-06	.557F+01	.192E+02	.680E+03	.299E+04
-.800	-.980E-01	.133E-02	.344E-04	.285E-05	.429E-06	.440E+01	.141E+02	.359E+03	.918E+03
-.900	-.110E+00	.294E-02	.661E-04	.587E-05	.927E-06	.362E+01	.109E+02	.210E+03	.346E+03
-1.000	-.122E+00	.349E-02	.115E-03	.109E-04	.181E-05	.300E+01	.883E+01	.133E+03	.152E+03
-2.000	-.245E+00	.365E-01	.215E-02	.284E-03	.675E-04	.121E+01	.279E+01	.115E+02	.234E+01
-3.000	-.367E+00	.955E-01	.633E-02	.803E-03	.254E-03	.833E+00	.160E+01	.535E+01	.488E+00
-4.000	-.490E+00	.162E+00	.103E-01	.112E-02	.454E-03	.629E+00	.106E+01	.124E+01	.212E+00
-5.000	-.612E+00	.220E+00	.152E-01	.114E-02	.593E-03	.508E+00	.750E+00	.410E+00	.124E+00
-6.000	-.735E+00	.284E+00	.148E-01	.972E-03	.665E-03	.428E+00	.540E+00	.348E-01	.845E-01
-7.000	-.857E+00	.536E+00	.155E-01	.741E-03	.684E-03	.370E+00	.387E+00	.1555E+00	.624E-01
-8.000	-.980E+00	.382E+00	.156E-01	.525E-03	.669E-03	.321E+00	.269E+00	.450E+00	.487E-01
-9.000	-.110E+01	.473E+00	.153E-01	.333E-03	.634E-03	.292E+00	.176E+00	.293E+00	.394E-01
-10.000	-.122E+01	.459E+00	.148E-01	.179E-03	.588E-03	.265E+00	.997E-01	.310E+00	.327E-01
-15.000	-.184E+01	.590E+00	.113E-01	.164E-03	.354E-03	.180E+00	.140L+00	.234E+00	.162E-01
-20.000	-.245E+01	.671E+00	.843E-02	.207E-03	.205E-03	.131E+00	.268E+00	.113E+00	.986E-02
-25.000	-.306E+01	.720E+00	.641E-02	.178E-03	.123E-03	.110E+00	.348E+00	.882E-02	.667E-02
-30.000	-.367E+01	.765E+00	.508E-02	.142E-03	.768E-04	.924E-01	.402E+00	.761E-01	.487E-02
-35.000	-.420E+01	.795E+00	.399E-02	.112E-03	.501E-04	.795E-01	.442E+00	.105E+00	.365E-02
-40.000	-.490E+01	.817E+00	.325E-02	.878E-04	.339E-04	.698E-01	.473E+00	.202E+00	.286E-02
-45.000	-.551E+01	.830E+00	.270E-02	.697E-04	.237E-04	.622E-01	.497E+00	.249E+00	.231E-02
-50.000	-.612E+01	.851E+00	.228E-02	.561E-04	.170E-04	.561E-01	.516E+00	.288E+00	.190E-02
-55.000	-.674E+01	.863E+00	.194E-02	.456E-04	.125E-04	.511E-01	.552E+00	.322E+00	.159E-02
-60.000	-.735E+01	.874E+00	.168E-02	.375E-04	.942E-05	.469E-01	.546E+00	.351E+00	.155L-02
-65.000	-.796E+01	.883E+00	.146E-02	.312E-04	.722E-05	.433E-01	.557E+00	.370E+00	.116E-02
-70.000	-.857E+01	.891E+00	.129E-02	.261E-04	.562E-05	.403E-01	.567E+00	.39HE+00	.101E-02
-75.000	-.910E+01	.898E+00	.114E-02	.221E-04	.444E-05	.376E-01	.576E+00	.41HE+00	.888E-03
-80.000	-.960E+01	.904E+00	.107E-02	.189E-04	.355E-05	.353E-01	.583E+00	.436E+00	.785E-03
-85.000	-.104E+02	.909E+00	.912E-03	.163E-04	.287E-05	.332E-01	.590E+00	.451E+00	.700E-03
-90.000	-.110E+02	.914E+00	.824E-03	.141E-04	.235E-05	.314E-01	.596E+00	.465E+00	.627E-03
-95.000	-.116E+02	.918E+00	.747E-03	.125E-04	.194E-05	.298E-01	.601E+00	.478E+00	.566E-03
-100.000	-.122E+02	.922E+00	.681E-03	.104E-04	.162E-05	.283E-01	.606E+00	.490E+00	.513E-03

		L(1)=1,00000		CS1= +,80		ALRDA# 6,25			
ALPHA	AL/LAN	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLV	CSLP	CKLV	VARLV
+.001	+.160E-03	.177F+18	.233E+20	.185E+21	.307E+22	.273E+04	.165E+10	.565E+19	.774E+35
+.002	+.320E-03	.134F+16	.177E+18	.140E+19	.233E+20	.315E+08	.169E+09	.746E+17	.835E+32
+.003	+.480E-03	.161F+15	.227E+17	.177E+18	.243E+19	.390E+07	.534E+08	.594E+16	.863E+29
+.004	+.640E-03	.100F+14	.154E+16	.106E+17	.177E+18	.364E+07	.218E+08	.984E+15	.240E+28
+.005	+.800E-03	.403F+14	.537E+16	.429E+17	.712E+18	.182E+07	.109E+08	.246E+15	.149E+27
+.006	+.960E-03	.125F+13	.167E+15	.134E+16	.222E+17	.103E+07	.617E+07	.792E+14	.155E+26
+.007	+.112E-02	.376E+13	.437E+15	.350E+16	.581E+17	.642E+06	.302E+07	.304E+14	.229E+25
+.008	+.128E-02	.746F+13	.100E+14	.804E+16	.134E+16	.425F+06	.252E+07	.132E+14	.437E+24
+.009	+.144E-02	.155F+12	.209E+14	.167E+15	.279E+16	.295E+06	.175E+07	.63E+13	.142E+24
+.010	+.160E-02	.291F+12	.403E+14	.323E+15	.537E+16	.214E+06	.126E+07	.331E+13	.276E+23
+.020	+.320E-02	.213E+10	.297E+12	.241E+13	.403E+14	.450E+05	.149E+06	.456E+11	.542E+19
+.030	+.480E-02	.252F+09	.363E+11	.29E+12	.500E+13	.156F+04	.429E+05	.374E+10	.308E+17
+.040	+.640E-02	.143F+08	.213E+10	.176E+11	.247E+12	.522E+04	.119E+05	.657E+09	.121E+16
+.050	+.800E-02	.545F+08	.632E+10	.695E+11	.118E+11	.161E+04	.915E+04	.171E+09	.844E+14
+.060	+.960E-02	.160F+07	.252E+09	.213E+10	.363E+11	.990E+03	.531E+04	.571E+08	.900E+13
+.070	+.112E+01	.396E+07	.641E+09	.546E+10	.937E+11	.639E+03	.336E+04	.228E+08	.161E+13
+.080	+.128E+01	.862F+07	.143E+08	.123E+09	.213E+10	.434E+03	.227E+04	.103E+08	.344E+12
+.090	+.144E+01	.170F+06	.270E+08	.252E+09	.437E+10	.317F+03	.161E+04	.512E+07	.891E+11
+.100	+.160E+01	.314F+06	.545E+08	.476E+09	.832E+10	.230E+03	.119E+04	.280E+07	.269E+11
+.200	+.320E+01	.137F+04	.310E+06	.298E+07	.545E+08	.406E+02	.173E+03	.567F+05	.146E+08
+.300	+.480E+01	.105F+03	.245E+05	.309E+06	.591E+07	.164E+02	.610E+02	.680E+04	.201E+06
+.400	+.640E+01	.398F+03	.135E+04	.154E+05	.307E+06	.925F+01	.309E+02	.160E+04	.188E+05
+.500	+.800E+01	.104F+02	.417E+04	.509E+05	.106E+05	.620F+01	.189E+02	.604E+03	.284E+04
+.600	+.960E+01	.218F+02	.999E+04	.130E+04	.284E+05	.459F+01	.130E+02	.282E+03	.677E+03
+.700	+.112E+00	.390F+02	.201E+03	.278E+04	.633E+05	.364F+01	.973E+01	.153E+03	.219E+03
+.800	+.128E+00	.624F+02	.358E+03	.520E+04	.123E+04	.301E+01	.767E+01	.929E+02	.878E+02
+.900	+.144E+00	.937F+02	.579E+03	.876E+04	.215E+04	.257E+01	.629E+01	.412E+02	.413E+02
+1.000	+.160E+00	.131F+01	.870E+03	.136E+03	.347E+04	.224E+01	.531E+01	.429E+02	.219E+02
+2.000	+.320E+00	.793F+01	.665E+02	.113E+02	.386E+03	.104F+01	.199E+01	.524E+01	.890E+00
+3.000	+.480E+00	.160F+00	.136E+01	.182F+02	.810E+03	.705E+00	.115E+01	.130E+01	.203E+00
+4.000	+.640E+00	.248E+00	.179E+01	.175E+02	.104E+02	.534E+00	.731E+00	.267E+00	.135E+00
+5.000	+.800E+00	.370E+00	.197E+01	.132E+02	.111E+02	.434E+00	.475E+00	.146E+00	.861E+01
+6.000	+.960E+00	.382E+00	.200E+01	.846E+03	.108E+02	.371E+00	.298E+00	.315E+00	.616E+01
+7.000	+.112E+01	.434F+00	.195E+01	.455E+03	.996E+03	.322E+00	.167E+00	.371E+00	.471E+01
+8.000	+.128E+01	.479F+00	.185E+01	.165E+03	.896E+03	.284F+00	.655E+01	.387E+00	.376E+01
+9.000	+.144E+01	.518F+00	.174E+01	.566E+04	.793E+03	.255F+00	.160E+01	.572F+00	.309E+01
+10.000	+.160E+01	.551E+00	.162E+01	.171E+03	.695E+03	.231E+00	.830E+01	.343E+00	.259E+01
+15.000	+.240E+01	.668F+00	.111E+01	.344E+03	.348E+03	.157E+00	.246E+00	.151E+00	.132E+01
+20.000	+.320E+01	.737F+00	.777E+02	.281E+03	.162E+03	.120E+00	.410E+00	.169E+01	.811E+02
+25.000	+.400E+01	.783F+00	.569E+02	.207E+03	.102E+03	.964F+01	.402E+00	.147E+00	.551E+02
+30.000	+.460E+01	.815E+00	.433E+02	.152E+03	.610E+04	.808F+01	.531E+00	.247E+00	.399E+02
+35.000	+.500E+01	.839F+00	.340E+02	.113E+03	.385E+04	.695E+01	.567E+00	.326E+00	.303E+02
+40.000	+.640E+01	.855F+00	.274E+02	.852E+04	.254E+04	.610E+01	.595E+00	.390E+00	.238E+02
+45.000	+.720E+01	.872E+00	.225E+02	.657E+04	.174E+04	.544E+01	.617E+00	.442E+00	.191E+02
+50.000	+.800E+01	.884F+00	.164E+02	.516E+04	.123E+04	.491E+01	.634E+00	.480E+00	.158E+02
+55.000	+.860E+01	.893F+00	.150E+02	.412E+04	.894E+05	.447E+01	.649E+00	.523E+00	.137E+02
+60.000	+.900E+01	.902F+00	.137E+02	.334E+04	.665E+05	.410E+01	.661E+00	.554E+00	.112E+02
+65.000	+.104E+02	.909F+00	.119E+02	.274E+04	.504E+05	.374E+01	.671E+00	.582E+00	.965E+03
+70.000	+.112E+02	.915F+00	.104E+02	.228E+04	.309E+05	.352E+01	.680E+00	.600E+00	.839E+03
+75.000	+.120E+02	.921E+00	.918E+03	.191F+04	.305E+05	.324E+01	.688E+00	.627E+00	.737E+03
+80.000	+.128E+02	.925F+00	.816E+03	.162E+04	.243E+05	.304E+01	.694E+00	.646E+00	.652E+03
+85.000	+.136E+02	.930E+00	.730E+03	.138E+04	.195E+05	.291E+01	.701E+00	.662E+00	.581E+03
+90.000	+.144E+02	.933E+00	.658E+03	.119E+04	.159E+05	.275E+01	.706E+00	.677E+00	.521E+03
+95.000	+.152E+02	.937F+00	.595E+03	.103F+04	.131L+05	.26UE+01	.711E+00	.691E+00	.469E+03
+100.000	+.160E+02	.940F+00	.541E+03	.900E+05	.108E+05	.248E+01	.715E+00	.703E+00	.425E+03

		L(I)=1.00000	C81= -.40	ALRUA= 4.94					
ALPHA	AL/LAH	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARY
-,.001	-.202E-03	.152E-14	.498E-16	.673E-17	.163E-17	.463E+07	.191E+08	.655E+15	.207E+28
-.002	-.405E-03	.465E-13	.152E-14	.200E-15	.49E-16	.84UE+06	.344E+07	.215E+14	.225L+29
-.003	-.607E-03	.343E-12	.115E-13	.152E-14	.369E-15	.51UE+06	.128E+07	.291E+13	.410E+23
-.004	-.810E-03	.141E-11	.465E-13	.63VE-14	.152E-14	.153E+06	.628E+06	.705E+12	.242E+22
-.005	-.101E-02	.423E-11	.140E-12	.189E-13	.458E-14	.884E+05	.363E+06	.235E+12	.267E+21
-.006	-.121E-02	.104E-10	.343E-12	.465E-15	.113E-13	.565F+05	.732E+06	.954E+11	.450E+20
-.007	-.142E-02	.221E-10	.732E-12	.994E-13	.241E-13	.388F+05	.159E+06	.444E+11	.991E+19
-.008	-.162E-02	.424E-10	.141E-11	.192E-12	.465L-13	.28UE+05	.114E+06	.235E+11	.268E+19
-.009	-.182E-02	.756E-10	.252L-11	.343F-12	.831E-13	.210F+05	.857E+05	.131E+11	.844E+18
-.010	-.202E-02	.127F-09	.423L-11	.576E-12	.140E-12	.165F+05	.662E+05	.781F+10	.501E+18
-.020	-.405E-02	.364F-08	.127E-09	.174E-10	.423E-11	.304F+04	.122E+05	.264F+09	.354L+15
-.030	-.607E-02	.261F-07	.914E-09	.127E-09	.309L-10	.116F+04	.458E+04	.37UF+08	.711L+13
-.040	-.810E-02	.103F-06	.360E-08	.515E-09	.127E-09	.591E+03	.229L+04	.921E+07	.457E+12
-.050	-.101E-01	.295F-06	.109E-07	.153F-08	.37AE-09	.553E+03	.135E+04	.319E+07	.555E+11
-.060	-.121E-01	.694F-06	.261E-07	.364E-08	.914E-09	.235F+05	.877E+03	.134E+07	.101E+11
-.070	-.142E-01	.142E-05	.545E-07	.778E-08	.193E-08	.165F+03	.612E+03	.651E+06	.242E+10
-.080	-.162E-01	.262F-05	.103E-06	.148E-07	.369E-08	.122E+03	.449E+03	.349F+06	.709E+09
-.090	-.182E-01	.448F-05	.180E-06	.261F-07	.653L-08	.947E+02	.342L+03	.202E+06	.243E+09
-.100	-.202E-01	.720F-05	.295E-06	.432E-07	.109E-07	.755E+02	.269L+03	.124E+06	.940L+08
-.200	-.405E-01	.144F-05	.718E-05	.113E-05	.245L-06	.181E+02	.587E+02	.572E+04	.238E+06
-.300	-.607E-01	.716F-05	.423L-04	.711E-05	.193L-05	.906E+01	.258L+02	.101E+04	.964L+04
-.400	-.810E-01	.206F-02	.139E-03	.244E-04	.690E-05	.574E+01	.151E+02	.357E+03	.119E+04
-.500	-.101E+00	.440F-02	.334E-03	.620E-04	.183E-04	.415E+01	.103E+02	.161E+03	.204E+03
-.600	-.121E+00	.788F-02	.654E-03	.128E-03	.385L-04	.325E+01	.703E+01	.870F+02	.846L+02
-.700	-.142E+00	.125F-01	.112E-02	.225F-03	.701E-04	.261F+01	.602E+01	.532E+02	.347L+02
-.800	-.162E+00	.182E-01	.172E-02	.355E-03	.114E-03	.228E+01	.496E+01	.354F+02	.109E+02
-.900	-.182E+00	.250F-01	.247E-02	.516E-03	.171E-03	.194E+01	.420E+01	.250E+02	.932E+01
-1.000	-.202E+00	.328E-01	.334E-02	.702E-03	.239E-03	.177F+01	.364E+01	.185E+02	.507L+01
-2.000	-.405E+00	.135E+00	.144E-01	.255E-02	.112E-02	.888E+00	.148E+01	.242E+01	.460E+00
-3.000	-.607E+00	.242F+00	.219E-01	.265E-02	.160E-02	.613E+00	.818E+00	.334E+00	.172E+00
-4.000	-.810E+00	.332F+00	.247E-01	.183L-02	.168E+02	.473F+00	.473E+00	.-241E+00	.982E+01
-5.000	-.101E+01	.406E+00	.247E-01	.98UE-03	.156E-02	.386E+00	.253E+00	.-426E+00	.664E+01
-6.000	-.121E+01	.467F+00	.234E-01	.351E-03	.139E-02	.327E+00	.981E-01	.-467E+00	.491E+01
-7.000	-.142E+01	.517F+00	.210E-01	.580E-04	.119E-02	.284E+00	.182E-01	.-444E+00	.383E+01
-8.000	-.162E+01	.559E+00	.198E-01	.-304E-03	.101E-02	.252E+00	.109E+00	.-404E+00	.310E+01
-9.000	-.182E+01	.594F+00	.180E-01	.-400E-03	.857E-03	.226E+00	.183E+00	.-346F+00	.257E+01
-10.000	-.202E+01	.625F+00	.163E-01	.-507E-03	.722E-03	.205E+00	.-243E+00	.-284E+00	.217E+01
-15.000	-.304E+01	.727E+00	.103E-01	.-451E-03	.314E-03	.140F+00	.-437E+00	.-140E+01	.113E+01
-20.000	-.405E+01	.780E+00	.696E-02	.-314E-03	.155E-03	.106E+00	.-541E+00	.-191E+00	.645E+02
-25.000	-.506E+01	.824F+00	.498E-02	.-213E-03	.829E-04	.851E-01	.-607E+00	.-34UE+00	.473L+02
-30.000	-.607L+01	.851F+00	.373E-02	.-104F-03	.480E-04	.718E-01	.-653E+00	.-453F+00	.343L+02
-35.000	-.709E+01	.870E+00	.289E-02	.-107E-03	.296E-04	.618E-01	.-686E+00	.-541F+00	.260E+02
-40.000	-.810E+01	.885F+00	.231E-02	.-787E-04	.192E-04	.542E-01	.-711E+00	.-611E+00	.204E+02
-45.000	-.911E+01	.897E+00	.188E-02	.-596E-04	.130L-04	.483F-01	.-731E+00	.-667E+00	.165L+02
-50.000	-.101E+02	.907F+00	.156E-02	.-462E-04	.908E-05	.436E-01	.-747E+00	.-715E+00	.136L+02
-55.000	-.111E+02	.915F+00	.132E-02	.-364E-04	.653E-05	.391E-01	.-760L+00	.-754E+00	.114L+02
-60.000	-.121E+02	.922F+00	.113E-02	.-292E-04	.482E-05	.364E-01	.-772E+00	.-780E+00	.965E+03
-65.000	-.132E+02	.927F+00	.978E-03	.-236E-04	.363E-05	.337E-01	.-781E+00	.-817E+00	.830E+03
-70.000	-.142E+02	.932F+00	.852E-03	.-196E-04	.279E-05	.313E-01	.-789E+00	.-843F+00	.722E+03
-75.000	-.152E+02	.937F+00	.751E-03	.-164E-04	.218E-05	.292E-01	.-797E+00	.-865E+00	.633E+03
-80.000	-.162E+02	.940F+00	.666E-03	.-136E-04	.172E-05	.274E-01	.-803L+00	.-885E+00	.560E+03
-85.000	-.172E+02	.944F+00	.595E-03	.-111E-04	.138L-05	.258E-01	.-808E+00	.-903E+00	.499E+03
-90.000	-.182E+02	.947F+00	.535E-03	.-101E-04	.112E-05	.244E-01	.-813L+00	.-919E+00	.448E+03
-95.000	-.192L+02	.950F+00	.483L-03	.-86VE-05	.919E-06	.232E-01	.-818L+00	.-934E+00	.400E+03
-100.000	-.202E+02	.952F+00	.439E-03	.-75E-05	.700E-06	.220E-01	.-822E+00	.-947E+00	.366E+03

		C(1)=1.00000		C(1)=-1.00		ALBUD= 0.00			
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-0.001	-0.250E+03	.996E-12	.620E-13	.125E-13	.390E-14	.251E+06	.791E+06	.100E+13	.720E+22
-0.002	-0.500E+03	.159E+10	.996E-12	.191E-12	.624E-13	.629E+05	.194E+06	.624E+11	.285E+20
-0.003	-0.750E+03	.800E-10	.503E-11	.996E-12	.314E-12	.280E+05	.882E+05	.125E+11	.512E+19
-0.004	-0.100E+02	.252E+09	.159E-10	.314E-11	.996E-12	.158E+05	.497E+05	.395E+10	.113E+18
-0.005	-0.125E+02	.613E-09	.387E+10	.140E-11	.243E-11	.102E+05	.319E+05	.162E+10	.191E+17
-0.006	-0.150E+02	.127E+08	.800E-10	.159E-10	.503E-11	.707E+04	.222E+05	.786E+09	.448E+16
-0.007	-0.175E+02	.233E+08	.148E-09	.294E-10	.931E-11	.521E+04	.163E+05	.425E+09	.532E+16
-0.008	-0.200E+02	.397E+08	.252E-09	.500E-10	.159E-10	.400E+04	.125L+05	.250E+09	.456L+15
-0.009	-0.225E+02	.633E+08	.403E-09	.600E-10	.251E+04	.317E+04	.940E+04	.151E+09	.119L+15
-0.010	-0.250E+02	.961E+08	.613E-09	.122E+04	.387E+10	.258E+04	.803E+04	.103E+09	.716L+14
-0.020	-0.500E+02	.148E+06	.961E-08	.192E+04	.613E-09	.635E+03	.704L+04	.663E+07	.327L+12
-0.030	-0.750E+02	.720E+06	.477E+07	.961E-08	.307E+08	.503F+03	.922E+03	.135F+07	.138L+11
-0.040	-0.100E+01	.214E+05	.144E+06	.300E+07	.961E+08	.176E+03	.527E+03	.440E+06	.149E+10
-0.050	-0.125E+01	.514E+05	.754E+06	.122E+07	.232E+07	.116E+03	.343E+03	.186F+06	.269L+09
-0.060	-0.150E+01	.103E+04	.720L+06	.148E+06	.477E+07	.826F+02	.242L+03	.971E+05	.617L+08
-0.070	-0.175E+01	.1A3F+04	.131E+05	.270F+05	.875E+07	.624E+02	.101E+03	.512F+05	.211E+08
-0.080	-0.200E+01	.301E+04	.219L+05	.455F+06	.144L+06	.491F+02	.141E+03	.304E+05	.71AE+07
-0.090	-0.225E+01	.465F+04	.444E+05	.714F+06	.234E+06	.399F+02	.113E+03	.198E+05	.326L+07
-0.100	-0.250E+01	.683F+04	.514E+05	.100F+05	.352E+06	.332F+02	.929L+02	.134F+05	.151L+07
-0.110	-0.500E+01	.172E+03	.677L+04	.151F+04	.510L+05	.10L+04	.271L+02	.111E+04	.111L+05
-0.120	-0.750E+01	.2H4F+02	.281E+03	.659E+04	.229E+04	.592F+01	.140E+02	.2R1E+03	.80NE+03
-0.130	-0.100E+00	.666F+02	.727E+03	.177E+03	.634L+04	.405F+01	.901E+01	.111F+03	.15NL+03
-0.140	-0.125E+00	.125F+01	.145E+02	.361E+03	.133E+03	.308E+01	.655L+01	.606F+02	.410E+02
-0.150	-0.150E+00	.198E+01	.244E+02	.614F+03	.235E+03	.250F+01	.512E+01	.362F+02	.108E+02
-0.160	-0.175E+00	.287F+01	.369E+02	.939E+03	.365E+03	.211E+01	.419E+01	.238E+02	.923E+01
-0.170	-0.200E+00	.390F+01	.514E+02	.130E+02	.519E+03	.184E+01	.353E+01	.166E+02	.520E+01
-0.180	-0.225E+00	.503F+01	.674E+02	.169E+02	.689E+03	.163F+01	.305E+01	.122E+02	.324E+01
-0.190	-0.250E+00	.625E+01	.844E+02	.208E+02	.867E+03	.141E+01	.20RE+01	.911E+01	.21AE+01
-0.200	-0.500E+00	.190E+00	.235E+01	.398E+02	.218E+02	.776F+00	.111E+01	.454E+00	.291E+00
-0.210	-0.750E+00	.316F+00	.295E+01	.283E+02	.241E+02	.543F+00	.560E+00	.223E+00	.128E+00
-0.220	-0.100E+01	.410E+00	.298E+01	.134E+02	.221E+02	.421E+00	.260E+00	.506F+00	.783L+01
-0.230	-0.125E+01	.482F+00	.277E+01	.290E+03	.189E+02	.345F+00	.645E+01	.546E+00	.549E+01
-0.240	-0.150E+01	.544F+00	.250E+01	.299E+03	.157E+02	.293E+00	.754E+01	.502E+00	.415E+01
-0.250	-0.175E+01	.586F+00	.223E+01	.606E+03	.128E+02	.255F+00	.181E+00	.427E+00	.328E+01
-0.260	-0.200E+01	.624F+00	.199E+01	.741E+03	.105E+02	.226F+00	.265E+00	.345E+00	.207E+01
-0.270	-0.225E+01	.656F+00	.177E+01	.779E+03	.855E+03	.205E+00	.332E+00	.457E+00	.223E+01
-0.280	-0.250E+01	.683F+00	.157E+01	.767E+03	.701E+03	.184E+00	.388E+00	.174E+00	.190E+01
-0.290	-0.375E+01	.772F+00	.942E+02	.518E+03	.281E+03	.126F+00	.567E+00	.166E+00	.992L+02
-0.300	-0.500E+01	.823F+00	.617E+02	.322E+03	.130E+03	.955E+01	.665E+00	.401E+00	.614E+02
-0.310	-0.625E+01	.855F+00	.434E+02	.208E+03	.672E+04	.771E+01	.726L+00	.568E+00	.418E+02
-0.320	-0.750E+01	.877F+00	.321E+02	.140E+03	.380E+04	.646E+01	.769L+00	.691E+00	.303L+02
-0.330	-0.875E+01	.893E+00	.247E+02	.981E+04	.231E+04	.556E+01	.800E+00	.787E+00	.230L+02
-0.340	-0.100E+02	.906F+00	.196E+02	.712E+04	.148E+04	.488E+01	.823E+00	.862E+00	.181E+02
-0.350	-0.112E+02	.916E+00	.159E+02	.532E+04	.965E+05	.435E+01	.842L+00	.923E+00	.146E+02
-0.360	-0.125E+02	.924E+00	.131E+02	.404E+04	.686E+05	.392E+01	.857E+00	.973E+00	.120E+02
-0.370	-0.137E+02	.930F+00	.111E+02	.319E+04	.490E+05	.357E+01	.869E+00	.102E+01	.107E+02
-0.380	-0.150E+02	.936F+00	.942E+03	.255E+04	.360E+05	.328E+01	.880E+00	.105E+01	.853E+03
-0.390	-0.162E+02	.940F+00	.813E+03	.206E+04	.270E+05	.303E+01	.889E+00	.108E+01	.734E+03
-0.400	-0.175L+02	.945F+00	.709E+03	.164E+04	.206E+05	.282E+01	.894E+00	.111E+01	.638E+03
-0.410	-0.187L+02	.948F+00	.623E+03	.141E+04	.161E+05	.263E+01	.903E+00	.113E+01	.560E+03
-0.420	-0.200E+02	.952F+00	.552E+03	.118E+04	.127E+05	.247E+01	.909E+00	.115E+01	.495E+03
-0.430	-0.212E+02	.954F+00	.493E+03	.100E+04	.101E+05	.233E+01	.914E+00	.117E+01	.441E+03
-0.440	-0.224E+02	.957E+00	.442E+03	.855F+05	.820E+06	.220E+01	.919L+00	.119E+01	.395E+03
-0.450	-0.237L+02	.959F+00	.399E+03	.730E+05	.670E+06	.208E+01	.923L+00	.121E+01	.356L+03
-0.460	-0.250E+02	.961E+00	.367E+03	.634E+05	.554E+06	.198E+01	.927L+00	.122F+01	.323L+03

C(1)=1.00000		C(1)=-1.00000		ALPHA= -1.20		ALPHA= 2.78			
ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
-0.001	-0.360E-03	.445F+00	.676E-09	.214F-09	.986E-10	.562E+04	.125E+05	.216E+09	.487E+15
-0.002	-0.720E-03	.317E-07	.463E-08	.150E-08	.676E-09	.215E+04	.477E+04	.315E+08	.100E+14
-0.003	-0.104E-02	.974F-07	.143E-07	.463E-08	.208E-08	.125E+04	.212E+04	.102E+08	.110E+13
-0.004	-0.144E-02	.216E-06	.317E-07	.103E-07	.463E-08	.674E+03	.183E+04	.462E+07	.224E+12
-0.005	-0.180E-02	.404F-06	.588E-07	.191E-07	.860E-08	.606E+03	.134E+04	.249E+07	.651E+11
-0.006	-0.216E-02	.662F-06	.941E-07	.317E-07	.143E-07	.471E+05	.104E+04	.150E+07	.238E+11
-0.007	-0.252E-02	.101F-05	.149E-06	.485E-07	.219E-07	.381E+05	.842E+03	.982E+06	.101E+11
-0.008	-0.288E-02	.140E-05	.216E-05	.103E-07	.317E-07	.317E+03	.700E+03	.679E+06	.486E+10
-0.009	-0.324E-02	.203F-05	.299E-06	.974E-07	.439E-07	.270E+05	.595E+03	.491E+06	.254E+10
-0.010	-0.360E-02	.271F-05	.400E-06	.130E-06	.588E-07	.234E+03	.515E+03	.367E+06	.147E+10
-0.020	-0.720E-02	.181F-04	.271E-05	.886E-06	.400E-06	.911E+02	.199E+03	.546E+05	.318E+08
-0.030	-0.104E-01	.502F-04	.823E-05	.271E-05	.123E-05	.529E+02	.115E+03	.181F+05	.352E+07
-0.040	-0.144E-01	.117F-03	.180E-04	.596E-05	.270E-05	.362E+02	.777E+02	.830E+04	.751E+06
-0.050	-0.180E-01	.212F-03	.331E-04	.110E-04	.499E-05	.271E+02	.576E+02	.456E+04	.229E+06
-0.060	-0.214E-01	.343F-03	.541E-04	.180E-04	.821E-05	.214F+02	.453E+02	.249E+04	.875E+05
-0.070	-0.252E-01	.515E-03	.818E-04	.273E-04	.125E-04	.176F+02	.369E+02	.186E+04	.391E+05
-0.080	-0.288E-01	.725F-03	.117E-03	.392E-04	.179E-04	.149F+02	.310E+02	.131E+04	.194E+05
-0.090	-0.324E-01	.980F-03	.160E-03	.537E-04	.247E-04	.124F+02	.266E+02	.965E+03	.107E+05
-0.100	-0.360E-01	.128F-02	.211E-03	.712E-04	.327E-04	.113E+02	.233E+02	.734E+03	.628E+04
-0.200	-0.720E-01	.684F-02	.123E-02	.426F-03	.209E-03	.509E+01	.985E+01	.129E+03	.220E+03
-0.300	-0.104E+00	.170F-01	.320E-02	.111E-02	.532E-03	.332E+01	.614E+01	.490F+02	.313E+02
-0.400	-0.144E+00	.308F-01	.594E-02	.204E-02	.944E-03	.256E+01	.445E+01	.251E+02	.119E+02
-0.500	-0.180E+00	.473F-01	.920E-02	.306E-02	.152E-02	.203F+01	.349E+01	.150F+02	.529E+01
-0.600	-0.216E+00	.650F-01	.127E-01	.411E-02	.208E-02	.172F+01	.266E+01	.976F+01	.268E+01
-0.700	-0.252E+00	.850F-01	.163E-01	.503E-02	.257E-02	.150E+01	.242E+01	.664E+01	.179E+01
-0.800	-0.288E+00	.105F+00	.198E-01	.580E-02	.302E-02	.134E+01	.209E+01	.474E+01	.127E+01
-0.900	-0.324E+00	.125E+00	.230E-01	.638E-02	.340E-02	.121F+01	.183E+01	.342E+01	.840E+00
-1.000	-0.360E+00	.146E+00	.260E-01	.678E-02	.371E-02	.111F+01	.162E+01	.249E+01	.682E+00
-2.000	-0.720E+00	.324F+00	.407L-01	.479E-02	.435E-02	.622E+00	.584E+00	.372E+00	.167E+00
-3.000	-0.104E+01	.450F+00	.397E-01	.128F-02	.363E-02	.443E+00	.162E+00	.100E+00	.883E-01
-4.000	-0.144E+01	.576F+00	.348E-01	.551E-03	.264E-02	.347E+00	.851E-01	.652E+00	.584E-01
-5.000	-0.180E+01	.603F+00	.296E-01	.128E-02	.217E-02	.285F+00	.251E+00	.514E+00	.427E+01
-6.000	-0.216E+01	.652F+00	.250E-01	.147E-02	.166E-02	.243E+00	.372E+00	.358E+00	.330E+01
-7.000	-0.252E+01	.690F+00	.213E-01	.145F-02	.127E-02	.211E+00	.465E+00	.206E+00	.265E+01
-8.000	-0.288E+01	.721F+00	.182E-01	.133E-02	.978E-03	.187E+00	.539E+00	.634E-01	.218E+01
-9.000	-0.324E+01	.746F+00	.158E-01	.118E-02	.762E-03	.168E+00	.598E+00	.665E-01	.183E+01
-10.000	-0.360E+01	.767F+00	.137E-01	.104E-02	.601E-03	.153E+00	.648E+00	.184E+00	.156E+01
-15.000	-0.540E+01	.836E+00	.764E-02	.540E-03	.212E-03	.105F+00	.809E+00	.624E+00	.823E+02
-20.000	-0.720E+01	.873E+00	.482E-02	.300E-03	.911E-04	.955E-01	.897E+00	.915E+00	.510E+02
-25.000	-0.900E+01	.897E+00	.331E-02	.182E-03	.452E-04	.642E-01	.955E+00	.111E+01	.348E+02
-30.000	-0.104E+02	.913F+00	.241E-02	.117E-03	.208E-04	.533E-01	.990E+00	.126E+01	.252E+02
-35.000	-0.126E+02	.925F+00	.184E-02	.801E-04	.147E-04	.463E-01	.102E+01	.137E+01	.191E+02
-40.000	-0.144E+02	.934F+00	.144E-02	.570E-04	.926E-05	.401E-01	.104E+01	.145F+01	.150E+02
-45.000	-0.167E+02	.941E+00	.116E-02	.419E-04	.611E-05	.362E-01	.106E+01	.152E+01	.121E+02
-50.000	-0.180E+02	.946E+00	.957E-03	.317E-04	.420L-05	.32E-01	.107E+01	.150E+01	.944E+03
-55.000	-0.194E+02	.951F+00	.862E-03	.246E-04	.297E-05	.298E-01	.108E+01	.163E+01	.833L-03
-60.000	-0.216E+02	.955F+00	.681E-03	.194E-04	.217E-05	.273E-01	.109E+01	.167E+01	.707L-03
-65.000	-0.234E+02	.959F+00	.586E-03	.150E-04	.161L-05	.253E-01	.110E+01	.170E+01	.608L-03
-70.000	-0.252E+02	.961F+00	.509E-03	.121E-04	.123L-05	.235E-01	.111E+01	.173E+01	.529L-03
-75.000	-0.270E+02	.964F+00	.447E-03	.105E-04	.950E-06	.214E-01	.111E+01	.176F+01	.469L-03
-80.000	-0.288E+02	.966F+00	.395E-03	.878E-05	.747E-06	.200E-01	.112E+01	.178E+01	.410L-03
-85.000	-0.306E+02	.968F+00	.352E-03	.741E-05	.595E-06	.194E-01	.112E+01	.180E+01	.305L-03
-90.000	-0.324E+02	.970F+00	.316L-03	.631E-05	.480E-06	.183E-01	.113E+01	.182E+01	.327L-03
-95.000	-0.342E+02	.971F+00	.284L-03	.542E-05	.391E-06	.174E-01	.113E+01	.184E+01	.295L-03
-100.000	-0.360E+02	.973F+00	.258E-03	.469E-05	.322E-06	.165E-01	.113E+01	.185E+01	.267L-03

		C(1)=1.00000	C(2)=1.40	ALBUA= 2.04					
ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-0.001	-0.490E+03	.753E+00	.183E+06	.801E+07	.045E+07	.568E+03	.102E+04	.133E+07	.240L+11
-0.002	-0.980E+03	.509E+05	.753E+06	.324E+06	.183E+06	.281E+03	.504E+03	.323E+06	.142L+10
-0.003	-0.147E+02	.700E+05	.172E+05	.753E+06	.419E+06	.180E+03	.334E+03	.141E+06	.735L+09
-0.004	-0.196E+02	.121E+04	.309E+05	.133E+05	.753E+06	.134E+03	.249E+03	.788E+05	.848L+08
-0.005	-0.245E+02	.199E+04	.467E+05	.213E+05	.119E+05	.151E+03	.198E+03	.500E+05	.343L+08
-0.006	-0.294E+02	.284E+04	.706E+05	.304E+05	.172E+05	.924E+02	.165L+03	.345E+05	.104L+08
-0.007	-0.343E+02	.395E+04	.965E+05	.423E+05	.235E+05	.788E+02	.141E+03	.253E+05	.876L+07
-0.008	-0.392E+02	.511E+04	.127E+04	.555E+05	.309E+05	.688E+02	.123E+03	.193E+05	.510L+07
-0.009	-0.441E+02	.656E+04	.161E+04	.705E+05	.393E+05	.611E+02	.109E+03	.152E+05	.317L+07
-0.010	-0.490E+02	.812E+04	.194E+04	.874E+05	.487E+05	.550E+02	.982E+02	.123E+05	.207L+07
-0.012	-0.950E+02	.521E+03	.811E+04	.357E+04	.199E+04	.275E+02	.486E+02	.302E+04	.128L+06
-0.013	-0.147E+01	.134E+03	.163E+03	.406E+04	.451E+04	.184E+02	.325E+02	.134E+04	.236L+05
-0.014	-0.196E+01	.130E+02	.326E+03	.144E+03	.805E+04	.134E+02	.245E+02	.755E+03	.828L+04
-0.015	-0.245E+01	.200E+02	.507E+03	.224E+03	.126E+03	.112E+02	.196E+02	.485E+03	.349L+04
-0.016	-0.294E+01	.285E+02	.726E+03	.521E+03	.180E+03	.946E+01	.164E+02	.539E+03	.173L+04
-0.017	-0.343E+01	.383E+02	.981E+03	.434E+03	.244E+03	.818E+01	.141E+02	.250F+03	.905L+03
-0.018	-0.392E+01	.493E+02	.127E+02	.562E+03	.316E+03	.722E+01	.124E+02	.193E+03	.585L+03
-0.019	-0.441E+01	.610E+02	.159E+02	.705E+03	.397E+03	.648E+01	.111E+02	.153E+03	.378L+03
-0.020	-0.490E+01	.749E+02	.195E+02	.860E+03	.465E+03	.589E+01	.100E+02	.125F+03	.257L+03
-0.021	-0.980E+01	.250E+01	.683E+02	.294E+02	.167E+02	.372E+01	.522E+01	.328E+02	.232L+02
-0.022	-0.147E+00	.502E+01	.151E+01	.539E+02	.308E+02	.229F+01	.358E+01	.146E+02	.655L+01
-0.024	-0.196E+00	.776E+01	.198E+01	.761E+02	.438E+02	.181F+01	.273E+01	.816E+01	.240L+01
-0.025	-0.245E+00	.106F+00	.202E+01	.931E+02	.543E+02	.152E+01	.220L+01	.493E+01	.103L+01
-0.026	-0.294E+00	.135F+00	.319E+01	.104E+01	.620E+02	.132E+01	.103L+01	.504E+01	.105L+01
-0.027	-0.343E+00	.164F+00	.369E+01	.110E+01	.671E+02	.111E+01	.155E+01	.194E+01	.747L+00
-0.028	-0.392E+00	.191F+00	.410E+01	.111E+01	.702E+02	.106F+01	.153L+01	.117E+01	.566L+00
-0.029	-0.441E+00	.210F+00	.445E+01	.108E+01	.718E+02	.969E+00	.115E+01	.632E+00	.448L+00
-0.030	-0.490E+00	.243F+00	.472E+01	.103E+01	.723E+02	.894E+00	.101E+01	.246E+00	.368L+00
-0.032	-0.980E+00	.431F+00	.519E+01	.249F+02	.583E+02	.521E+00	.210L+00	.838E+00	.123L+00
-0.034	-0.147E+01	.556E+00	.455E+01	.130E+02	.425E+02	.375F+00	.150E+00	.757E+00	.714L+01
-0.036	-0.196E+01	.634E+00	.349E+01	.240E+02	.303E+02	.295E+00	.308E+00	.519E+00	.491L+01
-0.038	-0.245E+01	.689E+00	.281E+01	.244E+02	.216E+02	.243E+00	.518E+00	.261E+00	.366L+01
-0.040	-0.294E+01	.730E+00	.229E+01	.218E+02	.156E+02	.207E+00	.629L+00	.327E+01	.286L+01
-0.042	-0.343E+01	.761E+00	.189E+01	.186E+02	.114E+02	.181E+00	.714E+00	.178E+00	.231L+01
-0.044	-0.392E+01	.786E+00	.159E+01	.156E+02	.848E+03	.160E+00	.762E+00	.364E+00	.191L+01
-0.046	-0.441E+01	.807E+00	.135E+01	.131E+02	.641E+03	.144E+00	.837E+00	.524E+00	.160L+01
-0.048	-0.490E+01	.823E+00	.116E+01	.110E+02	.493E+03	.131E+00	.883L+00	.676E+00	.137L+01
-0.050	-0.735E+01	.877E+00	.616E+02	.500E+03	.160E+03	.896E+01	.103L+01	.121E+01	.724E+02
-0.052	-0.980E+01	.905E+00	.381E+02	.262E+03	.658E+04	.681E+01	.112E+01	.154E+01	.449L+02
-0.054	-0.122E+02	.923E+00	.258E+02	.155E+03	.317E+04	.550E+01	.117E+01	.17E+01	.306L+02
-0.056	-0.147E+02	.935E+00	.186E+02	.966E+04	.171E+04	.461E+01	.120L+01	.193E+01	.221L+02
-0.058	-0.171E+02	.944E+00	.141E+02	.648E+04	.999E+05	.397F+01	.123E+01	.206E+01	.168L+02
-0.060	-0.194E+02	.951E+00	.110E+02	.455E+04	.627L+05	.349E+01	.125L+01	.215E+01	.152L+02
-0.062	-0.220E+02	.956E+00	.882E+03	.332E+04	.407E+05	.311E+01	.127C+01	.223E+01	.106L+02
-0.064	-0.245E+02	.960E+00	.724L+03	.244E+04	.278E+05	.280E+01	.128L+01	.230E+01	.812L+03
-0.066	-0.269E+02	.961E+00	.605E+03	.192E+04	.196E+05	.255E+01	.129L+01	.233E+01	.750L+03
-0.068	-0.294E+02	.967E+00	.513E+03	.151E+04	.142E+05	.234E+01	.130L+01	.234E+01	.620L+03
-0.070	-0.318E+02	.969E+00	.440E+03	.121E+04	.105E+05	.216E+01	.131L+01	.243E+01	.533L+03
-0.072	-0.343E+02	.971E+00	.382E+03	.948E+05	.798E+06	.201E+01	.131L+01	.244E+01	.463L+03
-0.074	-0.367E+02	.973E+00	.355L+03	.807E+05	.616E+06	.180E+01	.132L+01	.250E+01	.406L+03
-0.076	-0.392E+02	.975E+00	.294E+03	.673E+05	.483E+06	.170E+01	.132L+01	.252E+01	.359L+03
-0.078	-0.416E+02	.976E+00	.263E+03	.566E+05	.384E+06	.166E+01	.133L+01	.254E+01	.320L+03
-0.080	-0.441E+02	.978E+00	.236E+03	.491E+05	.309E+06	.157E+01	.133L+01	.257E+01	.287L+03
-0.082	-0.465E+02	.979E+00	.217E+03	.413E+05	.251E+06	.149E+01	.133L+01	.258E+01	.258L+03
-0.084	-0.490E+02	.980E+00	.192E+03	.355E+05	.207E+06	.141E+01	.134L+01	.260E+01	.234L+03

ALPHA	AL/LAM	AMNL(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-0.001	-640E-03	-205E-04	-695E-05	-364E-05	-235E-05	-124F+03	-201E+03	-480F+05	-407L+08
-0.002	-128E-02	-605E-04	-205E-04	-109E-04	-694E-05	-749F+02	-117E+03	-165E+05	-537L+07
-0.003	-142E-02	-114E-03	-386E-04	-205E-04	-131E-04	-546F+02	-855E+02	-878E+04	-152E+07
-0.004	-254E-02	-170E-03	-604E-04	-371E-04	-205E-04	-437E+02	-683E+02	-560E+04	-621E+06
-0.005	-320E-02	-252E-03	-856E-04	-454E-04	-290E-04	-361F+02	-574E+02	-396F+04	-312L+06
-0.006	-384E-02	-334E-03	-114E-03	-604F-04	-385E-04	-519F+02	-498E+02	-298E+04	-176L+06
-0.007	-448E-02	-425F-03	-144E-03	-167E-04	-490E-04	-285F+02	-442L+02	-234E+04	-100L+06
-0.008	-512L-02	-523F-03	-178E-03	-944L-04	-603E-04	-255E+02	-398E+02	-190E+04	-724L+05
-0.009	-576E-02	-627E-03	-213E-03	-113E-03	-724E-04	-235F+02	-363E+02	-159E+04	-503L+05
-0.010	-640E-02	-730F-03	-251E-03	-133E-03	-832E-04	-215E+02	-335E+02	-135E+04	-364L+05
-0.020	-12AE-01	-215E-02	-734E-03	-389E-03	-249E-03	-126E+02	-194E+02	-454E+03	-435L+04
-0.030	-142L-01	-394F-02	-154E-02	-722E-03	-461E-03	-927E+01	-143E+02	-485E+03	-127L+04
-0.040	-256E-01	-615E-02	-211E-02	-111E-02	-710E-03	-746E+01	-115E+02	-151E+03	-540E+03
-0.050	-320E-01	-854F-02	-295E-02	-155F-02	-988E-03	-632F+01	-967E+01	-111E+03	-283E+03
-0.060	-304E-01	-113F-01	-386E-02	-202E-02	-129E-02	-552E+01	-841E+01	-834E+02	-105E+03
-0.070	-448E-01	-141F-01	-483E-02	-251F-02	-160E-02	-493E+01	-747E+01	-656E+02	-106E+03
-0.080	-512E-01	-171E-01	-586E-02	-303F-02	-193E-02	-494E+01	-675E+01	-532E+02	-723L+02
-0.090	-576L-01	-205E-01	-693E-02	-355E-02	-227E-02	-410E+01	-616E+01	-442E+02	-519L+02
-0.100	-640E-01	-276E-01	-803E-02	-404E-02	-261E-02	-380F+01	-568L+01	-374E+02	-382L+02
-0.200	-12AE+00	-608E-01	-199E-01	-928E-02	-588E-02	-232F+01	-331E+01	-116E+02	-628L+01
-0.300	-192F+00	-101E+00	-312E-01	-171E-01	-829E-02	-175E+01	-237E+01	-549E+01	-241L+01
-0.400	-256E+00	-141F+00	-409E-01	-152F-01	-974E-02	-143E+01	-183E+01	-283E+01	-129L+01
-0.500	-320F+00	-180F+00	-486E-01	-156E-01	-105E-01	-175E+01	-148E+01	-145E+01	-851L+00
-0.600	-384F+00	-210E+00	-545E-01	-154F-01	-107E-01	-108F+01	-121E+01	-604F+00	-593L+00
-0.700	-448E+00	-250E+00	-588E-01	-144E-01	-107L-01	-970E+00	-101E+01	-772E-01	-453L+00
-0.800	-512E+00	-282F+00	-619E-01	-130F-01	-104E-01	-883E+00	-844E+00	-274E+00	-364L+00
-0.900	-576L+00	-311E+00	-639E-01	-114E-01	-101E-01	-812E+00	-706E+00	-515E+00	-302L+00
-1.000	-640E+00	-339E+00	-651E-01	-974E-02	-981E-02	-753E+00	-587E+00	-682E+00	-258L+00
-2.000	-12AE+01	-531E+00	-569E-01	-118E-02	-669E-02	-450E+00	-877E-01	-935E+00	-103L+00
-3.000	-192F+01	-636F+00	-432E-01	-370E-02	-448E-02	-326E+00	-413E+00	-599E+00	-627L-01
-4.000	-256E+01	-706F+00	-328E-01	-365E-02	-299L-02	-257E+00	-615E+00	-223E+00	-440L-01
-5.000	-320F+01	-152E+00	-255E-01	-301E-02	-202E-02	-212E+00	-756E+00	-12UE+00	-351L-01
-6.000	-384E+01	-186E+00	-202E-01	-248E-02	-140E-02	-181E+00	-861E+00	-420E+00	-260L-01
-7.000	-448E+01	-812F+00	-160E-01	-198F-02	-991E-03	-158E+00	-942E+00	-680E+00	-710E-01
-8.000	-512E+01	-832F+00	-136E-01	-159E-02	-710E-03	-140U+00	-101E+01	-90F+00	-170E-01
-9.000	-576L+01	-848F+00	-114E-01	-129E-02	-532E-03	-126F+00	-106E+01	-110E+01	-146E-01
-10.000	-640L+01	-862E+00	-969E-02	-105E-02	-402E-03	-114E+00	-110E+01	-120E+01	-125E-01
-15.000	-950L+01	-904F+00	-501E-02	-443E-03	-123E-03	-783E-01	-125E+01	-190E+01	-662L-02
-20.000	-12AE+02	-921F+00	-305E-02	-223E-03	-492E-04	-596E-01	-133E+01	-228E+01	-410L-02
-25.000	-160E+02	-941F+00	-205E-02	-128F-03	-232E-04	-481E-01	-138E+01	-254E+01	-270E-02
-30.000	-192E+02	-950F+00	-147E-02	-795E-04	-124E-04	-403E-01	-141E+01	-272E+01	-202E-02
-35.000	-224E+02	-957E+00	-111E-02	-528F-04	-710E-05	-347E-01	-144E+01	-286E+01	-153E-02
-40.000	-256L+02	-962F+00	-861E-03	-368E-04	-443E-05	-305E-01	-146L+01	-297E+01	-120E-02
-45.000	-284E+02	-966E+00	-690E-03	-266E-04	-288E-05	-272F-01	-147E+01	-306F+01	-964E-03
-50.000	-320E+02	-970F+00	-565E-03	-199E-04	-196E-05	-245F-01	-148E+01	-313E+01	-743L-03
-55.000	-352E+02	-972E+00	-471E-03	-153E-04	-137E-05	-223E-01	-149E+01	-319E+01	-603L-03
-60.000	-384E+02	-975F+00	-399E-03	-170E-04	-992E-06	-205E-01	-150E+01	-324E+01	-503L-03
-65.000	-416E+02	-976F+00	-342E-03	-455E-05	-735E-06	-189E-01	-151E+01	-328E+01	-484L-03
-70.000	-448E+02	-978F+00	-297E-03	-174E-05	-556E-06	-176E-01	-152E+01	-332F+01	-420L-03
-75.000	-480E+02	-980F+00	-260E-03	-636E-05	-428E-06	-164F-01	-152E+01	-335E+01	-369L-03
-80.000	-512E+02	-981F+00	-229E-03	-529F-05	-335E-06	-154F-01	-153E+01	-338E+01	-326L-03
-85.000	-544E+02	-982F+00	-204E-03	-415E-05	-264E-06	-145F-01	-153E+01	-340E+01	-290L-03
-90.000	-576L+02	-983F+00	-182E-03	-377E-05	-210E-06	-137E-01	-153E+01	-343E+01	-260L-03
-95.000	-608E+02	-984F+00	-164E-03	-323E-05	-174E-06	-130F-01	-154L+01	-345E+01	-234L-03
-100.000	-640E+02	-985F+00	-149E-03	-274E-05	-143E-06	-124E-01	-154E+01	-347E+01	-212L-03

		L(1)=1,00000		CS1=-1,60		ALRUA* 1,73			
ALPHA	AL/LAH	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CLLP	VARLV
-0.001	-0.810E-03	-196E-03	-640E-04	-504E-04	-357E-04	-464E+02	-661E+02	-506E+04	-750E+06
-0.002	-1.167E-02	-464E-03	-197E-03	-120E-03	-838E-04	-305E+02	-451E+02	-215E+04	-136E+06
-0.003	-2.243E-02	-765E-03	-325E-03	-197E-03	-138E-03	-236E+02	-336E+02	-130E+04	-501E+05
-0.004	-3.327E-02	-109E-02	-463E-03	-28UE-03	-199E-03	-197E+02	-281E+02	-912E+03	-247E+05
-0.005	-4.405E-02	-143E-02	-609E-03	-368E-03	-258E-03	-172E+02	-245E+02	-692E+03	-143E+05
-0.006	-5.484E-02	-179E-02	-762E-03	-460E-03	-322E-03	-154E+02	-219E+02	-552E+03	-915E+04
-0.007	-6.567E-02	-217E-02	-920E-03	-545E-03	-389E-03	-140E+02	-199E+02	-456E+03	-627E+04
-0.008	-7.648E-02	-255E-02	-108E-02	-654E-03	-458E-03	-124E+02	-183E+02	-387E+03	-453E+04
-0.009	-8.729E-02	-295E-02	-125E-02	-754E-03	-528E-03	-102E+02	-171E+02	-334E+03	-340E+04
-0.010	-9.810E-02	-335E-02	-142E-02	-857E-03	-600E-03	-812E+02	-160E+02	-293E+03	-263E+04
-0.020	-1.162E-01	-7AUE-02	-329E-02	-190E-02	-137E-02	-730E+01	-104E+02	-123E+03	-491E+03
-0.030	-2.243E-01	-127E-01	-534E-02	-315E-02	-219E-02	-575E+01	-807E+01	-740E+02	-1061E+03
-0.040	-3.224E-01	-174E-01	-748E-02	-436E-02	-303E-02	-483E+01	-674E+01	-512E+02	-945E+02
-0.050	-4.205E-01	-223E-01	-966E-02	-556E-02	-385E-02	-422E+01	-585E+01	-383E+02	-562E+02
-0.060	-5.186E-01	-289E-01	-119L-01	-674E-02	-466E-02	-570E+01	-521E+01	-501E+02	-369E+02
-0.070	-6.567E-01	-345E-01	-141E-01	-789E-02	-544E-02	-344E+01	-472E+01	-244E+02	-260E+02
-0.080	-7.648E-01	-402E-01	-163E-01	-909E-02	-619E-02	-317E+01	-453E+01	-203E+02	-193E+02
-0.090	-8.729E-01	-460E-01	-185L-01	-101F-01	-640E-02	-290E+01	-401E+01	-172E+02	-148E+02
-0.100	-9.810E-01	-510E-01	-206E-01	-111F-01	-757E-02	-277E+01	-374E+01	-148E+02	-118E+02
-0.200	-1.162E+00	-109E+00	-349E-01	-182E-01	-123E-01	-182E+01	-229E+01	-478E+01	-277E+01
-0.300	-2.243E+00	-164E+00	-541E-01	-209E-01	-143E-01	-142E+01	-166E+01	-188E+01	-129E+01
-0.400	-3.224E+00	-215E+00	-641E-01	-206E-01	-148E-01	-119F+01	-127L+01	-589E+00	-762E+00
-0.500	-4.005E+00	-258E+00	-707E-01	-181E-01	-145E-01	-103E+01	-995E+00	-106E+00	-546E+00
-0.600	-4.806E+00	-298E+00	-748E-01	-161E-01	-139E-01	-918E+00	-788E+00	-515E+00	-414E+00
-0.700	-5.567E+00	-334E+00	-771E-01	-135E-01	-133E-01	-830E+00	-622E+00	-767E+00	-352E+00
-0.800	-6.486E+00	-367E+00	-779E-01	-105E-01	-126E-01	-760E+00	-484E+00	-424E+00	-276L+00
-0.900	-7.229E+00	-398E+00	-718E-01	-797E-02	-120E-01	-702E+00	-367E+00	-102E+01	-236E+00
-1.000	-8.101E+00	-427E+00	-770E-01	-567E-02	-114E-01	-655E+00	-265E+00	-108E+01	-206E+00
-2.000	-1.162E+01	-606E+00	-575E-01	-470E-02	-717E-02	-396E+00	-341E+00	-631E+00	-913E-01
-3.000	-2.243E+01	-701E+00	-408E-01	-532E-02	-448E-02	-288E+00	-646E+00	-303E+00	-575E-01
-4.000	-3.224E+01	-754E+00	-294E-01	-432E-02	-283E-02	-227E+00	-840E+00	-190E+00	-408E-01
-5.000	-4.005E+01	-790E+00	-226E-01	-531E-02	-184E-02	-188E+00	-976E+00	-614F+00	-309E-01
-6.000	-4.886E+01	-827E+00	-176E-01	-252E-02	-123E-02	-161E+00	-108E+01	-976E+00	-243E-01
-7.000	-5.567E+01	-848E+00	-141E-01	-194E-02	-854E-03	-140E+00	-116E+01	-128E+01	-197E-01
-8.000	-6.486E+01	-865E+00	-116E-01	-151E-02	-607E-03	-124E+00	-122E+01	-155E+01	-163E-01
-9.000	-7.229E+01	-878E+00	-963E-02	-120E-02	-443E-03	-112E+00	-127E+01	-178E+01	-137L-01
-10.000	-8.101E+01	-889E+00	-814E-02	-964E-03	-330L-03	-101F+00	-131L+01	-198E+01	-117E-01
-15.000	-1.121E+02	-923E+00	-413E-02	-586E-03	-971E-04	-696E-01	-145L+01	-264E+01	-619E-02
-20.000	-1.627E+02	-942E+00	-249E-02	-190E-03	-379E-04	-530E-01	-153E+01	-312E+01	-383E-02
-25.000	-2.027E+02	-953E+00	-166E-02	-107E-03	-177L-04	-428E-01	-158E+01	-341E+01	-260E-02
-30.000	-2.243E+02	-960E+00	-119E-02	-659E-04	-931E-05	-359E-01	-161E+01	-362E+01	-188E-02
-35.000	-2.483E+02	-966E+00	-889E-03	-435E-04	-536E-05	-309E-01	-164E+01	-37F+01	-143E-02
-40.000	-3.224E+02	-970E+00	-691E-03	-301E-04	-330L-05	-271E-01	-166E+01	-389E+01	-112E-02
-45.000	-3.634E+02	-973E+00	-553E-03	-218E-04	-214E-05	-202E-01	-167E+01	-399E+01	-898E-03
-50.000	-4.005E+02	-976E+00	-452E-03	-162E-04	-145E-05	-218E+01	-169E+01	-407E+01	-738E-03
-55.000	-4.445E+02	-970E+00	-377E-03	-124E-04	-101E+05	-196E+01	-170E+01	-414E+01	-617L-03
-60.000	-4.886E+02	-980E+00	-310E-03	-964E-05	-730L-06	-182E+01	-170E+01	-419F+01	-524E-03
-65.000	-5.326E+02	-981E+00	-273E-03	-772E-05	-540E-06	-168E+01	-171E+01	-424E+01	-450E-03
-70.000	-5.867E+02	-983E+00	-237E-03	-625E-05	-407E-06	-157E+01	-172E+01	-428E+01	-391E-03
-75.000	-6.607E+02	-984E+00	-207E-03	-513E-05	-313L-06	-146E+01	-172E+01	-432E+01	-343E-03
-80.000	-6.648E+02	-985E+00	-183E-03	-426E-05	-245E-06	-137E+01	-173E+01	-435F+01	-303E-03
-85.000	-6.886E+02	-980E+00	-162E-03	-350E-05	-194E-06	-129E+01	-173E+01	-438E+01	-270E-03
-90.000	-7.229E+02	-980E+00	-145E-03	-303E-05	-156E-06	-122E+01	-173E+01	-440E+01	-242L-03
-95.000	-7.696E+02	-987E+00	-131E-03	-259E-05	-127L-06	-116E+01	-174E+01	-443E+01	-210E-03
-100.000	-8.101E+02	-988E+00	-118E-03	-223E-05	-104E-06	-110E+01	-174E+01	-445E+01	-197E-03

		C(1)=1.00000	C81=2.00	ALBDA= 1.00					
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-0.001	-0.100E+02	.999E-03	.499E-03	.532E-03	.249E-03	.224E+02	.298E+02	.996E+03	.418E+05
-0.002	-0.200E+02	.200E-02	.995E-03	.664E-03	.494E-03	.158E+02	.210E+02	.498E+03	.105E+05
-0.003	-0.300E+02	.299E-02	.149E-02	.486E-03	.738E-03	.129E+02	.172E+02	.530E+03	.466E+04
-0.004	-0.400E+02	.398E-02	.198E-02	.131E-02	.978E-03	.112E+02	.144E+02	.246E+03	.263E+04
-0.005	-0.500E+02	.498E-02	.247E-02	.163E-02	.127E-02	.999E+01	.153E+02	.190E+03	.169E+04
-0.006	-0.600E+02	.598E-02	.296E-02	.194E-02	.145E-02	.912E+01	.121E+02	.165E+03	.117E+04
-0.007	-0.700E+02	.697E-02	.344E-02	.226E-02	.168E-02	.844E+01	.112E+02	.134E+03	.865E+03
-0.008	-0.800E+02	.794E-02	.392E-02	.251E-02	.191E-02	.789E+01	.104E+02	.121E+03	.664E+03
-0.009	-0.900E+02	.892E-02	.440E-02	.287E-02	.217E-02	.744E+01	.984E+01	.103E+03	.526E+03
-0.010	-0.100E+01	.990E-02	.488E-02	.318E-02	.237E-02	.705E+01	.933E+01	.964E+02	.427E+03
-0.020	-0.200E+01	.190E-01	.952E-02	.606E-02	.448E-02	.498E+01	.652E+01	.464E+02	.109E+03
-0.030	-0.300E+01	.291E-01	.139E-01	.866E-02	.636E-02	.405E+01	.527E+01	.298E+02	.497E+02
-0.040	-0.400E+01	.385E-01	.161E-01	.110E-01	.804E-02	.350E+01	.451E+01	.215E+02	.286E+02
-0.050	-0.500E+01	.476E-01	.221E-01	.131E-01	.954E-02	.312E+01	.399E+01	.165E+02	.187E+02
-0.060	-0.600E+01	.566E-01	.259E-01	.150E-01	.109E-01	.284E+01	.360E+01	.132E+02	.133E+02
-0.070	-0.700E+01	.654E-01	.295E-01	.167E-01	.120E-01	.263E+01	.329E+01	.106E+02	.999E+01
-0.080	-0.800E+01	.741E-01	.330E-01	.182E-01	.131E-01	.245E+01	.305E+01	.904E+01	.782E+01
-0.090	-0.900E+01	.826E-01	.362E-01	.196E-01	.140E-01	.231E+01	.284E+01	.766E+01	.631E+01
-0.100	-0.100E+00	.909E-01	.394E-01	.206E-01	.148E-01	.218E+01	.266E+01	.657E+01	.522E+01
-0.200	-0.200E+00	.161E+00	.651E-01	.263E-01	.188E-01	.151E+01	.166E+01	.171E+01	.159E+01
-0.300	-0.300E+00	.231E+00	.772E-01	.252E-01	.190E-01	.120E+01	.117E+01	.193E+00	.846E+00
-0.400	-0.400E+00	.286E+00	.850E-01	.214E-01	.151E-01	.102E+01	.865E+00	.497E+00	.557E+00
-0.500	-0.500E+00	.333E+00	.889E-01	.169E-01	.109E-01	.894E+00	.639E+00	.857E+00	.411E+00
-0.600	-0.600E+00	.375E+00	.901E-01	.175E-01	.158E-01	.801E+00	.463E+00	.105E+01	.325L+00
-0.700	-0.700E+00	.412E+00	.897E-01	.856E-02	.148E-01	.727E+00	.318E+00	.116E+01	.269L+00
-0.800	-0.800E+00	.444E+00	.882E-01	.516E-02	.140E-01	.668E+00	.197E+00	.120E+01	.229L+00
-0.900	-0.900E+00	.474E+00	.860E-01	.232E-02	.132L-01	.619E+00	.921E-01	.121E+01	.200L+00
-1.000	-0.100E+01	.500E+00	.853E-01	.355E-14	.125E-01	.577E+00	.146E-12	.120E+01	.178L+00
-2.000	-0.200E+01	.667E+00	.556E-01	.741E-02	.741E-02	.354E+00	.566E+00	.600E+00	.844E-01
-3.000	-0.300E+01	.750E+00	.375E-01	.625E-02	.435E-02	.256E+00	.861E+00	.952E-01	.542E-01
-4.000	-0.400E+01	.800E+00	.267E-01	.457E-02	.263E-02	.204E+00	.105E+01	.696E+00	.388E-01
-5.000	-0.500E+01	.833E+00	.198E-01	.331E-02	.165E-02	.169E+00	.118E+01	.120E+01	.294L-01
-6.000	-0.600E+01	.857E+00	.153E-01	.243E-02	.100E-02	.144E+00	.128E+01	.162E+01	.232L-01
-7.000	-0.700E+01	.875E+00	.122E-01	.182E-02	.735E-03	.126E+00	.136E+01	.198E+01	.188L-01
-8.000	-0.800E+01	.884E+00	.988E-02	.140E-02	.515E-03	.112E+00	.142E+01	.228E+01	.155L-01
-9.000	-0.900E+01	.900E+00	.818E-02	.109E-02	.371E-03	.101E+00	.147E+01	.255E+01	.131E-01
-10.000	-0.100E+02	.904E+00	.689L-02	.867E-03	.274E-03	.913E-01	.152E+01	.278E+01	.112E-01
-15.000	-0.150E+02	.938E+00	.345E-02	.535E-03	.782E-04	.626E-01	.166E+01	.358E+01	.589E-02
-20.000	-0.200E+02	.952E+00	.206E-02	.162E-03	.300E-04	.477E-01	.173E+01	.407E+01	.364E-02
-25.000	-0.250E+02	.962E+00	.137E-02	.905E-04	.139E-04	.385E-01	.178E+01	.439E+01	.247L-02
-30.000	-0.300E+02	.968E+00	.976E-03	.555E-04	.725E-05	.323E-01	.182E+01	.462E+01	.179L-02
-35.000	-0.350E+02	.972E+00	.730E-03	.363E-04	.415E-05	.278E-01	.184E+01	.479E+01	.135L-02
-40.000	-0.400E+02	.976E+00	.567E-03	.251E-04	.254E-05	.244E-01	.186E+01	.493E+01	.106L-02
-45.000	-0.450E+02	.978E+00	.452E-03	.180E-04	.165E-05	.217E-01	.187E+01	.504E+01	.851E-03
-50.000	-0.500E+02	.980E+00	.370E-03	.134E-04	.113E-05	.196E-01	.189E+01	.512E+01	.699E-03
-55.000	-0.550E+02	.982E+00	.309E-03	.102E-04	.776E-06	.179E-01	.190E+01	.520E+01	.565L-03
-60.000	-0.600E+02	.984E+00	.260E-03	.799E-05	.559E-06	.164E-01	.190E+01	.520E+01	.496L-03
-65.000	-0.650E+02	.985E+00	.223E-03	.635E-05	.412E-06	.152E-01	.191E+01	.531E+01	.426L-03
-70.000	-0.700E+02	.986E+00	.193E-03	.514E-05	.311E-06	.141E-01	.192E+01	.536E+01	.370L-03
-75.000	-0.750E+02	.987E+00	.169E-03	.421E-05	.239E-06	.132E-01	.192E+01	.540E+01	.325L-03
-80.000	-0.800E+02	.988E+00	.149E-03	.349E-05	.186E-06	.123E-01	.193E+01	.543E+01	.287L-03
-85.000	-0.850E+02	.988E+00	.132E-03	.293E-05	.148E-06	.116E-01	.193E+01	.544E+01	.255L-03
-90.000	-0.900E+02	.984E+00	.118E-03	.248E-05	.119E-06	.111E-01	.194E+01	.549E+01	.229L-03
-95.000	-0.950E+02	.990E+00	.106E-03	.212E-05	.962E-07	.104E-01	.194E+01	.552E+01	.206L-03
-100.000	-0.100E+03	.990E+00	.961E-04	.183E-05	.789E-07	.990E-02	.194E+01	.554E+01	.187L-03

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CYLP	CSLP	CKLP	VARLV
C(1)=1.00000									
-0.001	-0.121E+02	.531E-02	.186E-02	.132E-02	.104E-02	.130E+02	.165E+02	.291E+03	.506E+04
-0.002	-0.242E+02	.587E-02	.328E-02	.231E-02	.181E-02	.975E+01	.123E+02	.166E+03	.161E+04
-0.003	-0.363E+02	.620E-02	.456E-02	.320E-02	.251E-02	.824E+01	.104E+02	.117E+03	.825E+03
-0.004	-0.484E+02	.604E-01	.576E-02	.402E-02	.314E-02	.730E+01	.919E+01	.916E+02	.513E+03
-0.005	-0.605E+02	.625E-01	.690E-02	.474E-02	.374E-02	.665E+01	.836E+01	.755E+02	.355E+03
-0.006	-0.726E+02	.645E-01	.794E-02	.552E-02	.450E-02	.616E+01	.773E+01	.643E+02	.263E+03
-0.007	-0.847E+02	.665E-01	.904E-02	.622E-02	.483E-02	.577E+01	.723E+01	.561E+02	.204E+03
-0.008	-0.968E+02	.684E-01	.101E-01	.698E-02	.534E-02	.546E+01	.682E+01	.496E+02	.160E+03
-0.009	-0.109E+01	.202E-01	.110E-01	.152E-02	.583E-02	.519E+01	.648E+01	.448E+02	.135E+03
-0.010	-0.121E+01	.221E-01	.120E-01	.814E-02	.630E-02	.497E+01	.619E+01	.408E+02	.114E+03
-0.020	-0.242E+01	.388E-01	.206E-01	.134E-01	.102E-01	.370E+01	.454E+01	.212E+02	.367E+02
-0.030	-0.363E+01	.536E-01	.278E-01	.174E-01	.132E-01	.310E+01	.375E+01	.140E+02	.191E+02
-0.040	-0.484E+01	.671E-01	.342E-01	.206E-01	.155E-01	.273E+01	.326E+01	.102E+02	.120E+02
-0.050	-0.605E+01	.808E-01	.399E-01	.233E-01	.173E-01	.247E+01	.291E+01	.186E+01	.847E+01
-0.060	-0.726E+01	.932E-01	.451E-01	.254E-01	.188E-01	.228E+01	.265E+01	.625E+01	.636E+01
-0.070	-0.847E+01	.105E+00	.494E-01	.271E-01	.200E-01	.213E+01	.243E+01	.506E+01	.501E+01
-0.080	-0.968E+01	.116E+00	.542E-01	.285E-01	.210E-01	.200E+01	.224E+01	.415E+01	.468E+01
-0.090	-0.109E+00	.127E+00	.581E-01	.295E-01	.217E-01	.189E+01	.211E+01	.345E+01	.341E+01
-0.100	-0.121E+00	.138E+00	.618E-01	.304E-01	.223E-01	.180E+01	.198E+01	.285E+01	.291E+01
-0.200	-0.242E+00	.227E+00	.801E-01	.306E-01	.235E-01	.129E+01	.121E+01	.173E+00	.107E+01
-0.500	-0.363E+00	.298E+00	.972E-01	.247E-01	.218E-01	.105F+01	.816E+00	.686E+00	.626E+00
-0.400	-0.484E+00	.355E+00	.101E+00	.178E-01	.199E-01	.897E+00	.552E+00	.106E+01	.438E+00
-0.500	-0.605E+00	.403F+00	.102E+00	.115E-01	.183E-01	.791F+00	.354E+00	.1275F+01	.357E+00
-0.600	-0.726E+00	.445E+00	.100E+00	.622E-02	.170E-01	.711E+00	.197E+00	.130E+01	.214E+00
-0.700	-0.847E+00	.480F+00	.970E-01	.199E-02	.159E-01	.640E+00	.600E+01	.131E+01	.232E+00
-0.800	-0.968E+00	.512F+00	.934E-01	.130E-02	.150E-01	.597E+00	.457E+01	.128E+01	.201E+00
-0.900	-0.109E+01	.539E+00	.894E-01	.383E-02	.141E-01	.554F+00	.143E+00	.123E+01	.178E+00
-1.000	-0.121E+01	.564F+00	.854E-01	.572E-02	.134E+01	.516E+00	.229E+00	.117E+01	.160E+00
-2.000	-0.242E+01	.715E+00	.523E-01	.423E-02	.746E-02	.320F+00	.772E+00	.275E+00	.798E+01
-3.000	-0.363E+01	.748E+00	.341E-01	.667E-02	.415E-02	.234F+00	.106E+01	.576E+00	.519E+01
-4.000	-0.484E+01	.832E+00	.237E-01	.456E-02	.241E-02	.185E+00	.125E+01	.126E+01	.373E+01
-5.000	-0.605E+01	.860E+00	.174E-01	.318E-02	.148E-02	.153E+00	.138E+01	.187E+01	.283E+01
-6.000	-0.726E+01	.880F+00	.133E-01	.228E-02	.950E-03	.131E+00	.148E+01	.235E+01	.223L+01
-7.000	-0.847E+01	.896F+00	.105E-01	.168E-02	.636E-03	.114E+00	.156E+01	.276E+01	.161E+01
-8.000	-0.968E+01	.907E+00	.849E-02	.127E-02	.441E-03	.102E+00	.162E+01	.511E+01	.150E+01
-9.000	-0.109E+02	.917E+00	.701E-02	.981E-03	.315E+03	.915E-01	.167E+01	.341E+01	.126E+01
-10.000	-0.121E+02	.924F+00	.58AE-02	.773E-03	.230E-03	.830E-01	.171E+01	.366E+01	.10RE+01
-15.000	-0.181E+02	.948F+00	.291E-02	.291E-03	.642E-04	.569F-01	.185E+01	.457E+01	.507E+02
-20.000	-0.242E+02	.960F+00	.173E-02	.139E-03	.243E-04	.433E-01	.193E+01	.511E+01	.350E+02
-25.000	-0.302E+02	.968F+00	.115E-02	.770E-04	.112E-04	.350F-01	.194E+01	.547E+01	.237E+02
-30.000	-0.363E+02	.975F+00	.815E-03	.469E-04	.580E-05	.293E-01	.201E+01	.573E+01	.172E+02
-35.000	-0.423E+02	.971F+00	.609E-03	.307E-04	.331E-05	.253E-01	.204E+01	.592F+01	.130E+02
-40.000	-0.484E+02	.980F+00	.472E-03	.211E-04	.202E-05	.222E-01	.208E+01	.607E+01	.102E+02
-45.000	-0.544E+02	.982F+00	.377E-03	.152E-04	.131E-05	.198E-01	.207E+01	.614E+01	.816E+03
-50.000	-0.605E+02	.984F+00	.309E-03	.113E-04	.879E-06	.178E-01	.209E+01	.624E+01	.671E+03
-55.000	-0.665E+02	.985F+00	.256E-03	.858E-05	.614E-06	.162E-01	.210E+01	.637E+01	.561E+03
-60.000	-0.726E+02	.986F+00	.216E-03	.664E-05	.441E-06	.149E-01	.210E+01	.644E+01	.476E+03
-65.000	-0.786E+02	.987F+00	.185E-03	.531E-05	.325E-06	.138E-01	.211E+01	.655E+01	.409E+03
-70.000	-0.847E+02	.988F+00	.160E-03	.429E-05	.245E-06	.120E-01	.212E+01	.655E+01	.355E+03
-75.000	-0.907E+02	.989F+00	.140E-03	.352E-05	.180E-06	.112E-01	.212E+01	.654E+01	.311E+03
-80.000	-0.968E+02	.990F+00	.123E-03	.292E-05	.147E-06	.112E-01	.213E+01	.663E+01	.255E+03
-85.000	-0.103E+03	.990F+00	.110E-03	.245E-05	.116E-06	.106E-01	.213E+01	.667E+01	.245L+03
-90.000	-0.109E+03	.991F+00	.980E-04	.201E-05	.932E-07	.999E-02	.213L+01	.671E+01	.219E+03
-95.000	-0.115E+03	.991F+00	.881E-04	.171E-05	.756E-07	.940F-02	.214E+01	.673E+01	.198L+03
-100.000	-0.121E+03	.992F+00	.797E-04	.152E-05	.620E-07	.900F-02	.214E+01	.675E+01	.179E+03

ALPHA	AL/LAM	AMHC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
C(I)=1.00000									
-1.001	-1.144E-02	.825F+02	.503E-02	.472E-02	.303E-02	.660E+01	.104E+02	.111E+03	.103E+04
-1.002	-1.208E-02	.133F+01	.807E-02	.590F-02	.478E-02	.673E+01	.814E+01	.103E+02	.391E+03
-1.003	-1.432E-02	.177F+01	.104E-01	.760E-02	.619E-02	.583F+01	.702E+01	.520E+02	.223E+03
-1.004	-1.516E-02	.216F+01	.120E-01	.923F-02	.742E-02	.570F+01	.632E+01	.417E+02	.149E+03
-1.005	-1.720E-02	.252F+01	.149E-01	.1000F-01	.850E-02	.446E+01	.581E+01	.351E+02	.110E+03
-1.006	-1.864E-02	.285F+01	.169E-01	.114F-01	.949E-02	.455E+01	.543E+01	.304E+02	.851E+02
-1.007	-1.101E+01	.317E+01	.184E-01	.133E-01	.104E-01	.430E+01	.512E+01	.269E+02	.668E+02
-1.008	-1.115E+01	.348F+01	.203E+01	.141E-01	.112E-01	.411E+01	.466E+01	.241E+02	.571E+02
-1.009	-1.138E+01	.377E+01	.220E+01	.151E-01	.120E-01	.393F+01	.465E+01	.219E+02	.405E+02
-1.010	-1.144E+01	.406F+01	.234E+01	.161E-01	.127E-01	.370F+01	.446E+01	.200E+02	.420E+02
-1.020	-1.289E+01	.652F+01	.363E+01	.233E-01	.161E-01	.292F+01	.337E+01	.106E+02	.101E+02
-1.030	-1.432E+01	.856F+01	.402E+01	.240E-01	.216E-01	.251E+01	.262E+01	.710F+01	.928E+01
-1.040	-1.576E+01	.104E+00	.544E+01	.313E+01	.239E-01	.224E+01	.247E+01	.508E+01	.628E+01
-1.050	-1.720E+01	.121E+00	.613E+01	.370E-01	.255E+01	.205F+01	.227E+01	.378E+01	.466E+01
-1.060	-1.864E+01	.136E+00	.673E+01	.352E-01	.266E+01	.191E+01	.202E+01	.287E+01	.365E+01
-1.070	-1.101E+00	.151E+00	.725E+01	.362E+01	.273E+01	.179F+01	.185L+01	.220E+01	.298E+01
-1.080	-1.115E+00	.164F+00	.777E+01	.365E+01	.278L+01	.164E+01	.172L+01	.167E+01	.250E+01
-1.090	-1.130E+00	.177E+00	.813E+01	.371E+01	.281E+01	.161E+01	.160E+01	.125E+01	.215E+01
-1.100	-1.144E+00	.189E+00	.849E+01	.371F+01	.262E+01	.154F+01	.150E+01	.914E+00	.188E+01
-1.200	-1.289E+00	.288E+00	.104E+00	.302E+01	.262E+01	.113E+01	.82L+00	.675E+00	.797E+00
-1.300	-1.432E+00	.361E+00	.113E+00	.200E+01	.233E+01	.929E+00	.530L+00	.116E+01	.500E+00
-1.400	-1.576E+00	.419E+00	.113E+00	.112E+01	.210L+01	.801F+00	.295E+00	.134E+01	.366E+00
-1.500	-1.720E+00	.466E+00	.110E+00	.410E-02	.194L+01	.710E+00	.115L+00	.139E+01	.240E+00
-1.600	-1.864E+00	.506F+00	.105L+00	.104E-02	.180E+01	.641E+00	.306E+01	.13E+01	.242E+00
-1.700	-1.101E+01	.540E+00	.100E+00	.464E-02	.169L+01	.586F+00	.153E+00	.131E+01	.208E+00
-1.800	-1.115E+01	.569F+00	.947E+01	.754E-02	.159L+01	.541F+00	.259L+00	.123E+01	.183E+00
-1.900	-1.130E+01	.595F+00	.895E+01	.941E-02	.150E+01	.503E+00	.351E+00	.113E+01	.163E+00
-1.000	-1.144E+01	.618F+00	.844E+01	.10F+01	.141F+01	.47UF+00	.434F+00	.102F+01	.148E+00
-2.000	-1.289E+01	.755F+00	.945E+01	.103E+01	.736E+02	.292F+00	.964E+00	.125E+00	.765E+01
-3.000	-1.432E+01	.819F+00	.307E+01	.675E-02	.390E+02	.214E+00	.125E+01	.113E+01	.503E+01
-4.000	-1.576E+01	.856E+00	.211E+01	.431E+02	.220E+02	.170E+00	.144E+01	.195E+01	.362E+01
-5.000	-1.720E+01	.881F+00	.153E+01	.299E+02	.152E+02	.141E+00	.157E+01	.261F+01	.275E+01
-6.000	-1.864E+01	.898F+00	.116E+01	.210E+02	.836E+03	.120U+00	.167E+01	.316E+01	.217E+01
-7.000	-1.101E+02	.911F+00	.913E+02	.153E+02	.553E+03	.105E+00	.115L+01	.363E+01	.176E+01
-8.000	-1.115E+02	.921F+00	.736E+02	.114E+02	.360E+03	.931E+01	.181E+01	.402E+01	.146E+01
-9.000	-1.130E+02	.929F+00	.605E+02	.670E+03	.269L+03	.837E+01	.167L+01	.435E+01	.123E+01
-10.000	-1.144E+02	.936F+00	.506E+02	.688E+03	.196E+03	.76UE+01	.191E+01	.464E+01	.105E+01
-15.000	-1.216E+02	.956F+00	.249E+02	.255E+03	.536E+04	.522E+01	.205E+01	.565E+01	.551E+02
-20.000	-1.288E+02	.967F+00	.147E+02	.120E+03	.201E+04	.397E+01	.213E+01	.626E+01	.339E+02
-25.000	-1.360E+02	.973F+00	.974E+03	.662E+04	.917E+05	.321E+01	.218E+01	.666E+01	.230E+02
-30.000	-1.432E+02	.977F+00	.691E+03	.402E+04	.475E+05	.269E+01	.221E+01	.695E+01	.166E+02
-35.000	-1.504E+02	.981F+00	.516E+03	.262E+04	.270E+05	.232E+01	.224E+01	.16E+01	.126E+02
-40.000	-1.576E+02	.983F+00	.399E+03	.180E+04	.165E+05	.203E+01	.226E+01	.133E+01	.983E+03
-45.000	-1.648E+02	.985F+00	.314E+03	.124E+04	.106E+05	.181F+01	.227E+01	.146E+01	.790E+03
-50.000	-1.720E+02	.986F+00	.260E+03	.95E+05	.713E+06	.163E+01	.228E+01	.751E+01	.649E+03
-55.000	-1.792E+02	.988F+00	.216E+03	.728E+05	.497E+06	.149E+01	.229E+01	.766E+01	.542E+03
-60.000	-1.864E+02	.989F+00	.162E+03	.56E+05	.357E+06	.131E+01	.230L+01	.733E+01	.400E+03
-65.000	-1.936E+02	.989F+00	.156E+03	.450E+05	.263E+06	.120F+01	.231E+01	.780E+01	.345E+03
-70.000	-1.101E+03	.990F+00	.135E+03	.364E+05	.198E+06	.111E+01	.232E+01	.855E+01	.343E+03
-75.000	-1.101E+03	.991F+00	.111E+03	.290E+05	.152E+06	.110E+01	.232E+01	.900E+01	.301L+03
-80.000	-1.115E+03	.991F+00	.104E+03	.24E+05	.119L+06	.103E+01	.233E+01	.795E+01	.266E+03
-85.000	-1.122E+03	.992E+00	.924E+04	.207E+05	.938E+07	.964E+02	.233E+01	.794E+01	.237E+03
-90.000	-1.130E+03	.992E+00	.826E+04	.175E+05	.752E+07	.916E+02	.233E+01	.802E+01	.212E+03
-95.000	-1.137E+03	.993F+00	.743E+04	.150E+05	.610E+07	.868E+02	.234E+01	.805E+01	.191E+03
-100.000	-1.144E+03	.993F+00	.611E+04	.129E+05	.500L+07	.825E+02	.234L+01	.808E+01	.173E+03

	L(1)=1,00000	C51=2.60	ALBDA#	,59					
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
-,.001	-,169E+02	,168E+01	,109E+01	,621E+02	,682E+02	,621E+01	,726L+01	,549E+02	,297L+03
-.002	-,338E+02	,253E+01	,161E+01	,120E+01	,986E+02	,503E+01	,584E+01	,349E+02	,131L+03
-.003	-,507E+02	,521E+01	,203E+01	,148E+01	,121E+01	,444E+01	,512E+01	,265E+02	,807L+02
-.004	-,676E+02	,580F+01	,239E+01	,171F+01	,140E+01	,400F+01	,466E+01	,216E+02	,574E+02
-.005	-,845E+02	,434F+01	,269E+01	,191F+01	,155E+01	,378E+01	,432E+01	,184E+02	,440E+02
-.006	-,101E+01	,445F+01	,294E+01	,208E+01	,169E+01	,351E+01	,406E+01	,160F+02	,355E+02
-.007	-,118E+01	,524E+01	,320E+01	,224E+01	,181E+01	,340F+01	,385E+01	,143E+02	,295L+02
-.008	-,135E+01	,572F+01	,348E+01	,238E+01	,191E+01	,326E+01	,367L+01	,128E+02	,252L+02
-.009	-,152E+01	,613E+01	,370E+01	,251F+01	,201E+01	,314F+01	,352L+01	,117E+02	,219E+02
-.010	-,169E+01	,652F+01	,391E+01	,262F+01	,210E+01	,304F+01	,339L+01	,107E+02	,194L+02
-.020	-,334E+01	,976E+01	,556E+01	,341E+01	,268E+01	,242E+01	,260E+01	,545E+01	,854E+01
-.030	-,507E+01	,123E+00	,674E+01	,343E+01	,297E+01	,210E+01	,219E+01	,555E+01	,550E+01
-.040	-,676E+01	,145E+00	,765E+01	,407E+01	,314E+01	,190E+01	,192E+01	,236E+01	,719E+01
-.050	-,845E+01	,165E+00	,839E+01	,418E+01	,322E+01	,175E+01	,172E+01	,158E+01	,293L+01
-.060	-,101E+00	,183E+00	,900E+01	,422F+01	,326E+01	,164E+01	,156E+01	,103E+01	,238L+01
-.070	-,118E+00	,199F+00	,951E+01	,424E+01	,327E+01	,155E+01	,143E+01	,610E+00	,200L+01
-.080	-,135E+00	,214F+00	,995E+01	,415E+01	,325E+01	,147E+01	,152E+01	,246E+00	,172L+01
-.090	-,152E+00	,229F+00	,103E+00	,406E+01	,323E+01	,141E+01	,152E+01	,264E+01	,150E+01
-.100	-,169E+00	,242F+00	,106E+00	,396E+01	,319E+01	,135E+01	,114E+01	,186E+00	,134E+01
-.200	-,334E+00	,346E+00	,122E+00	,255E+01	,275E+01	,101E+01	,599E+00	,216E+01	,635E+00
-.300	-,507E+00	,420E+00	,123E+00	,126E+01	,242E+01	,836E+00	,292E+00	,141E+01	,421L+00
-.400	-,676E+00	,477E+00	,119E+00	,310E+02	,220E+01	,725E+00	,752E+01	,146E+01	,319L+00
-.500	-,845E+00	,522E+00	,113E+00	,356E+02	,204E+01	,645F+00	,934L+01	,141E+01	,259L+00
-.600	-,101E+01	,560F+00	,107E+00	,807E+02	,190E+01	,584E+00	,252E+00	,133E+01	,219E+00
-.700	-,118E+01	,592F+00	,100E+00	,110F+01	,179E+01	,534F+00	,349E+00	,121E+01	,191E+00
-.800	-,135E+01	,614F+00	,935E+01	,129E+01	,167E+01	,494E+00	,451E+00	,109E+01	,170L+00
-.900	-,152E+01	,643F+00	,874E+01	,140E+01	,157E+01	,46UE+00	,541E+00	,949E+00	,153L+00
-1.000	-,169F+01	,664F+00	,817E+01	,145F+01	,146E+01	,431F+00	,621F+00	,801F+00	,159E+00
-2.000	-,334E+01	,787F+00	,747E+01	,108E+01	,716L+02	,264E+00	,115E+01	,590E+00	,742E+01
-3.000	-,507E+01	,843F+00	,277E+01	,661E+02	,364E+02	,197E+00	,144E+01	,175E+01	,490E+01
-4.000	-,676E+01	,876E+00	,188E+01	,418E+02	,200E+02	,156E+00	,162E+01	,268E+01	,350L+01
-5.000	-,845E+01	,898F+00	,135E+01	,277E+02	,118E+02	,130E+00	,176E+01	,344E+01	,270E+01
-6.000	-,101E+02	,913F+00	,102E+01	,193E+02	,735E+03	,111E+00	,186E+01	,405E+01	,213E+01
-7.000	-,118E+02	,924E+00	,799E+02	,139E+02	,484L+03	,966E+01	,194E+01	,457E+01	,172E+01
-8.000	-,135E+02	,933F+00	,642L+02	,103E+02	,330E+03	,859E+01	,200E+01	,503E+01	,143E+01
-9.000	-,152L+02	,940F+00	,527E+02	,186E+03	,237E+03	,772F+01	,206E+01	,536E+01	,120E+01
-10.000	-,169L+02	,940F+00	,440E+02	,613E+03	,168E+03	,702E+01	,210E+01	,571E+01	,102L+01
-15.000	-,253E+02	,963F+00	,215E+02	,223E+03	,457E+04	,482E+01	,224E+01	,684E+01	,538L+02
-20.000	-,334E+02	,972F+00	,127E+02	,105E+03	,169E+04	,367E+01	,232E+01	,751E+01	,331E+02
-25.000	-,422L+02	,977E+00	,837E+03	,574F+04	,767L+05	,296E+01	,237L+01	,795E+01	,224E+02
-30.000	-,507E+02	,981E+00	,593E+03	,348E+04	,396E+05	,248E+01	,241E+01	,827E+01	,162L+02
-35.000	-,591L+02	,983F+00	,442E+03	,220E+04	,225E+05	,214E+01	,243E+01	,851E+01	,122E+02
-40.000	-,676L+02	,985F+00	,342E+03	,155E+04	,137E+05	,186E+01	,245E+01	,869E+01	,957E+03
-45.000	-,760L+02	,987F+00	,273E+03	,111E+04	,879E+06	,167E+01	,247E+01	,884E+01	,769L+03
-50.000	-,845L+02	,988F+00	,222E+03	,823E+05	,591E+06	,151E+01	,248E+01	,890E+01	,632L+03
-55.000	-,929L+02	,989E+00	,185E+03	,626E+05	,411E+06	,13E+01	,249E+01	,905E+01	,528E+03
-60.000	-,101E+03	,990F+00	,156E+03	,481E+05	,295E+06	,126E+01	,250E+01	,914E+01	,448E+03
-65.000	-,110E+03	,991F+00	,133E+03	,347E+05	,217E+06	,117E+01	,251E+01	,921E+01	,385E+03
-70.000	-,118E+03	,992E+00	,115E+03	,312E+05	,164E+06	,108E+01	,251E+01	,927E+01	,334E+03
-75.000	-,127E+03	,992E+00	,101E+03	,255E+05	,125E+06	,101E+01	,252E+01	,933E+01	,243E+03
-80.000	-,135E+03	,993F+00	,889E+04	,212E+05	,978E+07	,950E+02	,252E+01	,938E+01	,259L+03
-85.000	-,144E+03	,993F+00	,789E+04	,177E+05	,773L+07	,895E+02	,253E+01	,942E+01	,250L+03
-90.000	-,152E+03	,993F+00	,705E+04	,150E+05	,620L+07	,845E+02	,253E+01	,946E+01	,206L+03
-95.000	-,161E+03	,994F+00	,639L+04	,128E+05	,502L+07	,801E+02	,254L+01	,949E+01	,186E+03
-100.000	-,169E+03	,994F+00	,573E+04	,110E+05	,412E+07	,762F+02	,254L+01	,952E+01	,168E+03

ALPHA	ALV/LAM	C(I)*1.00000		CSI=-2,60		ALBDA# ,51			
		AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	LSLP	CKLP	VARLV
-0.001	-0.19AE-02	.295F+01	.19AE+01	.15UE+01	.126E+01	.478E+01	.539E+01	.292E+02	.111E+03
-0.002	-0.342E-02	.419F+01	.217E+01	.204E+01	.170E+01	.591E+01	.443E+01	.191E+02	.547E+02
-0.003	-0.58RE-02	.515F+01	.336E+01	.241E+01	.199E+01	.355E+01	.392E+01	.147E+02	.361E+02
-0.004	-0.784E-02	.597F+01	.384E+01	.270E+01	.222E+01	.320E+01	.360E+01	.121E+02	.208E+02
-0.005	-0.960E-02	.658F+01	.425E+01	.294E+01	.240E+01	.309F+01	.355E+01	.103E+02	.213E+02
-0.006	-0.111E-01	.733F+01	.462E+01	.314E+01	.255E+01	.293E+01	.316E+01	.896E+01	.177E+02
-0.007	-0.137E-01	.793F+01	.493E+01	.331E+01	.268E+01	.281E+01	.301E+01	.795E+01	.151E+02
-0.008	-0.157E-01	.848F+01	.525E+01	.346E+01	.279E+01	.270F+01	.288E+01	.713E+01	.152E+02
-0.009	-0.176E-01	.900F+01	.552E+01	.359E+01	.268E+01	.261E+01	.277E+01	.645E+01	.117E+02
-0.010	-0.196E-01	.944F+01	.578E+01	.371E+01	.297E+01	.253E+01	.267E+01	.584E+01	.105E+02
-0.020	-0.342E-01	.135F+00	.76AE+01	.434F+01	.345E+01	.206E+01	.206E+01	.285E+01	.515E+01
-0.030	-0.58RE-01	.165F+00	.894L+01	.463F+01	.363E+01	.182F+01	.174E+01	.155E+01	.341E+01
-0.040	-0.784E-01	.190F+00	.965L+01	.466E+01	.368E+01	.165F+01	.151E+01	.791E+00	.255L+01
-0.050	-0.960E-01	.212F+00	.106L+00	.463F+01	.367E+01	.154E+01	.155E+01	.291E+00	.203E+01
-0.060	-0.111E+00	.231F+00	.111E+00	.451E+01	.363E+01	.144E+01	.122E+01	.654E+01	.169E+01
-0.070	-0.137E+00	.249F+00	.116E+00	.435E+01	.357E+01	.137E+01	.110E+01	.334E+00	.145L+01
-0.080	-0.157E+00	.265F+00	.119E+00	.417E+01	.351E+01	.130E+01	.101E+01	.543E+00	.127L+01
-0.090	-0.176E+00	.280F+00	.122E+00	.397E+01	.344E+01	.125E+01	.926E+00	.710E+00	.113L+01
-0.100	-0.196E+00	.294F+00	.125L+00	.376E+01	.337E+01	.120E+01	.852E+00	.845E+00	.102L+01
-0.200	-0.342E+00	.401F+00	.154E+00	.180E+01	.281E+01	.912E+00	.369E+00	.143E+01	.530L+00
-0.300	-0.58RE+00	.473F+00	.150E+00	.400E-02	.249L+01	.761E+00	.856E-01	.152E+01	.368L+00
-0.400	-0.784E+00	.526F+00	.122E+00	.509F-02	.230E+01	.663F+00	.119L+00	.147E+01	.266L+00
-0.500	-0.960E+00	.571F+00	.114L+00	.106E+00	.106E+01	.214L+01	.591F+00	.260L+00	.135E+01
-0.600	-0.111E+01	.606F+00	.106E+00	.142E+01	.200E+01	.536E+00	.414E+00	.121E+01	.203L+00
-0.700	-0.137E+01	.636E+00	.978L+01	.162E+01	.187L+01	.492E+00	.528E+00	.105E+01	.179L+00
-0.800	-0.157E+01	.661F+00	.906E+01	.171E+01	.174E+01	.455E+00	.628E+00	.78E+00	.160L+00
-0.900	-0.176E+01	.683F+00	.840E+01	.174E+01	.162E+01	.424F+00	.716E+00	.704E+00	.145L+00
-1.000	-0.196E+01	.702F+00	.779L+01	.175F+01	.150F+01	.59HF+00	.79AF+00	.52MF+00	.151L+00
-2.000	-0.392E+01	.813F+00	.410E+01	.109E+01	.690E+02	.249F+00	.152E+01	.111E+01	.728E+01
-3.000	-0.58RE+01	.863F+00	.250E+01	.636E+02	.339E+02	.183F+00	.161E+01	.243E+01	.481E+01
-4.000	-0.784E+01	.892F+00	.168E+01	.392E+02	.182E+02	.145F+00	.180E+01	.348E+01	.348E+01
-5.000	-0.960E+01	.911F+00	.120E+01	.250E+02	.166E+02	.120F+00	.194E+01	.435E+01	.265E+01
-6.000	-0.111E+02	.924F+00	.904E+02	.176E+02	.655E+03	.103E+00	.205E+01	.502E+01	.209E+01
-7.000	-0.137E+02	.934F+00	.704E+02	.126E+02	.426E+03	.898E+01	.213E+01	.560E+01	.169E+01
-8.000	-0.157E+02	.942F+00	.564E+02	.926E+03	.269E+03	.79E+01	.219E+01	.606E+01	.140E+01
-9.000	-0.176E+02	.946F+00	.462E+02	.104E+03	.203E+03	.717E+01	.225E+01	.650E+01	.118E+01
-10.000	-0.196E+02	.953F+00	.385E+02	.54E+03	.146E+03	.651F+01	.229E+01	.686E+01	.101E+01
-15.000	-0.294E+02	.968F+00	.187E+02	.197E+03	.389E+04	.447E+01	.244E+01	.811E+01	.528E+02
-20.000	-0.392E+02	.975F+00	.110E+02	.922E+04	.144E+04	.340E+01	.252E+01	.686E+01	.325E+02
-25.000	-0.490E+02	.980F+00	.726E+03	.505E+04	.651E+05	.275E+01	.257E+01	.935E+01	.220E+02
-30.000	-0.58RE+02	.983F+00	.514E+03	.303F+04	.335E+05	.231E+01	.260E+01	.970E+01	.159E+02
-35.000	-0.686E+02	.986F+00	.383E+03	.197E+04	.190E+05	.198E+01	.263E+01	.996E+01	.120E+02
-40.000	-0.784E+02	.987F+00	.296E+03	.135F+04	.115E+05	.174E+01	.265E+01	.102E+02	.937E+03
-45.000	-0.882E+02	.989F+00	.236E+03	.946E+05	.741E+06	.155E+01	.267L+01	.103E+02	.753E+03
-50.000	-0.980E+02	.990F+00	.149E+03	.714E+05	.499E+06	.140F+01	.268E+01	.105E+02	.618E+03
-55.000	-0.108E+03	.991F+00	.160E+03	.543E+05	.346E+06	.120E+01	.269E+01	.106E+02	.517E+03
-60.000	-0.118E+03	.992F+00	.135E+03	.423E+05	.248L+06	.117E+01	.270E+01	.107E+02	.438E+03
-65.000	-0.127L+03	.992E+00	.115E+03	.335E+05	.163E+06	.108E+01	.271E+01	.107E+02	.376E+03
-70.000	-0.137E+03	.993F+00	.998E+04	.270E+05	.137E+06	.101E+01	.271E+01	.106E+02	.327E+03
-75.000	-0.147E+03	.993F+00	.872E+04	.221E+05	.105E+06	.940E+02	.272E+01	.105E+02	.266E+03
-80.000	-0.157E+03	.994F+00	.768E+04	.143E+05	.821E+07	.882E+02	.272E+01	.104E+02	.253E+03
-85.000	-0.167E+03	.994F+00	.682E+04	.154E+05	.649E+07	.831E+02	.273E+01	.110E+02	.225E+03
-90.000	-0.177E+03	.994F+00	.607E+04	.139E+05	.520E+07	.785E+02	.273L+01	.110E+02	.202E+03
-95.000	-0.187E+03	.995F+00	.548E+04	.111E+05	.421E+07	.744E+02	.273E+01	.110E+02	.182E+03
-100.000	-0.197E+03	.995F+00	.495E+04	.954E+06	.345E+07	.701E+02	.274E+01	.111E+02	.165E+03

		C(1)=1.00000	CY1=3.00	ALBUAE	.44	CVLP	CSLP	CKLP	VARCV
ALPHA	AL/LAM	AHNC(1)	AHC(2)	AHL(3)	AHC(4)				
-0.001	-225L-02	.464F-01	.310E-01	.239F-01	.202E-01	.385E+01	.419E+01	.168E+02	.504E+02
-0.002	-450L-02	.631F-01	.424E-01	.305E-01	.254E-01	.320E+01	.349E+01	.111E+02	.211E+02
-0.003	-674E-02	.755F-01	.494E-01	.347E-01	.286E-01	.290E+01	.312E+01	.852E+01	.108E+02
-0.004	-900E-02	.858F-01	.557E-01	.377F-01	.309E-01	.275F+01	.287E+01	.695E+01	.145E+02
-0.005	-112E-01	.947E-01	.607E-01	.401F-01	.327E-01	.264E+01	.268E+01	.587E+01	.119E+02
-0.006	-135E-01	.103E+00	.650E-01	.426E-01	.341E-01	.248E+01	.254E+01	.507E+01	.101E+02
-0.007	-157E-01	.110F+00	.688E-01	.436F-01	.352E-01	.234F+01	.241E+01	.444E+01	.860E+01
-0.008	-180L-01	.117E+00	.722E-01	.449E-01	.361E-01	.231E+01	.231E+01	.393E+01	.781E+01
-0.009	-202E-01	.123F+00	.753E-01	.457F-01	.369E-01	.224E+01	.222E+01	.350E+01	.702E+01
-0.010	-225E-01	.129F+00	.782E-01	.464E-01	.375E-01	.217E+01	.214E+01	.314E+01	.639E+01
-0.020	-450E-01	.174F+00	.902E-01	.504E-01	.404E-01	.180E+01	.165E+01	.114E+01	.343E+01
-0.030	-675E-01	.208E+00	.110E+00	.506E-01	.406E-01	.160F+01	.158E+01	.326E+00	.238E+01
-0.040	-900E-01	.235E+00	.119E+00	.490E-01	.409E-01	.147E+01	.119E+01	.174E+00	.104E+01
-0.050	-112E+00	.258E+00	.125E+00	.466E-01	.391E-01	.137E+01	.105E+01	.501E+00	.151E+01
-0.060	-135E+00	.279F+00	.130E+00	.438F-01	.360E-01	.124E+01	.936E+00	.744E+00	.129L+01
-0.070	-157E+00	.298F+00	.133E+00	.406E-01	.370E-01	.123E+01	.838E+00	.920E+00	.113E+01
-0.080	-180E+00	.315F+00	.134E+00	.374E-01	.360E-01	.111E+01	.754E+00	.106E+01	.100E+01
-0.090	-202E+00	.330F+00	.134E+00	.344E-01	.351E-01	.113E+01	.680E+00	.110E+01	.904E+00
-0.100	-225E+00	.344F+01	.140E+00	.320E-01	.342E-01	.109E+01	.613E+00	.125E+01	.825E+00
-0.200	-450E+00	.451F+00	.141E+00	.902E-02	.266E-01	.833F+00	.170E+00	.156E+01	.459E+00
-0.300	-675E+00	.521E+00	.133E+00	.474E-02	.259E-01	.699F+00	.979E-01	.153E+01	.330E+00
-0.400	-900E+00	.573F+00	.123E+00	.120E-01	.241E-01	.611E+00	.294L+00	.140E+01	.263E+00
-0.500	-112E+01	.614F+00	.112E+00	.170E-01	.222E-01	.546E+00	.451E+00	.122E+01	.221E+00
-0.600	-135E+01	.647F+00	.103E+00	.192E-01	.209E-01	.496F+00	.502E+00	.103E+01	.191E+00
-0.700	-157E+01	.674F+00	.944E-01	.201E-01	.194E-01	.456E+00	.694E+00	.825E+00	.170E+00
-0.800	-180E+01	.697F+00	.867E-01	.202E-01	.179E-01	.422E+00	.793E+00	.616E+00	.153L+00
-0.900	-202E+01	.717E+00	.798E-01	.194E-01	.165E-01	.394E+00	.861E+00	.401E+00	.140E+00
-1.000	-225L+01	.735F+00	.737E-01	.192F-01	.157E-01	.364F+00	.961L+00	.194F+00	.121E+00
-2.000	-450L+01	.835F+00	.375E-01	.105E-01	.658E-02	.232F+00	.149E+01	.164E+01	.710E+01
-3.000	-675E+01	.880E+00	.225E-01	.604E-02	.314E-02	.171E+00	.179E+01	.318E+01	.474E+01
-4.000	-900E+01	.900F+00	.150E+01	.365E-02	.166E-02	.135E+00	.198E+01	.475E+01	.343L+01
-5.000	-112E+02	.922E+00	.107E-01	.235F-02	.952E-03	.112E+00	.212E+01	.529E+01	.261E+01
-6.000	-135E+02	.934E+00	.803E-02	.160E-02	.584E-03	.959E-01	.223E+01	.606E+01	.206E+01
-7.000	-157E+02	.942E+00	.624E-02	.114E-02	.378L-03	.838E-01	.231E+01	.670E+01	.167E+01
-8.000	-180E+02	.944E+00	.499E-02	.837E-03	.255E-03	.744E-01	.258E+01	.724E+01	.138E+01
-9.000	-202E+02	.945E+00	.404E-02	.633E-03	.178E-03	.664E-01	.243L+01	.770E+01	.116L+01
-10.000	-225E+02	.959F+00	.340E-02	.490E-03	.128E-03	.600E-01	.248L+01	.810E+01	.990E+02
-15.000	-337E+02	.972E+00	.164E-02	.175E-03	.337E-04	.417E-01	.263E+01	.949E+01	.519L+02
-20.000	-450E+02	.979E+00	.967E-03	.815E-04	.124E-04	.318F-01	.271E+01	.103E+02	.319E+02
-25.000	-502E+02	.983F+00	.636E-03	.495F-04	.559E+05	.251E-01	.276E+01	.106E+02	.216E+02
-30.000	-675E+02	.986F+00	.450E-03	.267E-04	.288E+05	.215E-01	.280E+01	.112E+02	.156E+02
-35.000	-787E+02	.988F+00	.335E-03	.173F-04	.163E+05	.185F-01	.283E+01	.115E+02	.118E+02
-40.000	-900E+02	.989F+00	.259E-03	.114E-04	.967E-06	.163E+01	.285E+01	.117E+02	.921E+03
-45.000	-101E+03	.990E+00	.206E-03	.84F-05	.633E+06	.145E-01	.286E+01	.114E+02	.740E+03
-50.000	-112E+03	.991F+00	.168E-03	.626E-05	.425E+06	.131E-01	.288E+01	.121E+02	.608E+03
-55.000	-124E+03	.992E+00	.140E-03	.476E-05	.296E+06	.114F-01	.289E+01	.122E+02	.508E+03
-60.000	-135E+03	.993F+00	.118E-03	.370E-05	.212L+06	.109F-01	.290L+01	.123E+02	.431E+03
-65.000	-144E+03	.993F+00	.101E-03	.293E-05	.156E+05	.101E-01	.290L+01	.124E+02	.310E+03
-70.000	-157E+03	.994F+00	.871E-04	.236E-05	.117E-06	.934F-02	.291L+01	.125E+02	.212E+03
-75.000	-169E+03	.994F+00	.761E-04	.193E-05	.89E-07	.877E-02	.292E+01	.125E+02	.281E+03
-80.000	-180E+03	.994F+00	.670E-04	.160E-05	.694E+07	.823E+02	.292L+01	.126E+02	.249E+03
-85.000	-191E+03	.995F+00	.595E-04	.134F-05	.553E+07	.775E+02	.293E+01	.126E+02	.221E+03
-90.000	-202E+03	.995F+00	.532E-04	.114E-05	.443E+07	.733E+02	.293L+01	.127E+02	.198E+03
-95.000	-214E+03	.995F+00	.478E-04	.969F-06	.350L+07	.694E+02	.293E+01	.127E+02	.178E+03
-100.000	-225E+03	.996F+00	.432E-04	.833E-06	.294E+07	.666E+02	.294E+01	.128E+02	.162E+03

		C(1)=1,00000	C51=-3,50	ALBDA#	,35				
ALPHA	ALBLAH	AMNC(1)	AMNC(2)	AMNC(3)	AMNC(4)	CVLP	CSLP	CRLP	VARLV
-,.001	-.306E+02	.105F+00	.726L-01	.492E-01	.011E-01	.251E+01	.252E+01	.480E+01	.122L+02
-,002	-.615E+02	.131F+00	.875E-01	.555E-01	.045E-01	.225F+01	.213E+01	.291E+01	.768L+01
-,003	-.919E+02	.150F+00	.971E-01	.571F-01	.0472E-01	.208F+01	.191E+01	.204E+01	.587E+01
-,004	-.123E+01	.165F+00	.104E+00	.591E-01	.0482E-01	.196E+01	.176E+01	.145E+01	.484E+01
-,005	-.153E+01	.177F+00	.110L+00	.594F-01	.0487E-01	.181F+01	.164E+01	.105E+01	.417E+01
-,006	-.184E+01	.180F+00	.115E+00	.601E-01	.0489E-01	.180E+01	.155E+01	.723E+00	.370E+01
-,007	-.214E+01	.191F+00	.119E+00	.602E-01	.0490E-01	.174E+01	.147E+01	.481E+00	.353E+01
-,008	-.245E+01	.206F+00	.122L+00	.600E-01	.0490E-01	.170E+01	.141E+01	.283E+00	.305E+01
-,009	-.276E+01	.214F+00	.125E+00	.597E-01	.0488E-01	.165E+01	.135E+01	.117E+00	.282L+01
-,010	-.308E+01	.222F+00	.128E+00	.592E-01	.0487E-01	.161E+01	.130E+01	.242E+01	.205L+01
-,020	-.613E+01	.271F+00	.145E+00	.527E-01	.0460E-01	.131E+01	.956E+00	.806E+00	.105E+01
-,030	-.919E+01	.515F+00	.153E+00	.454E-01	.0434E-01	.124E+01	.757E+00	.115E+01	.126L+01
-,040	-.123E+00	.345F+00	.158E+00	.386E-01	.0413L-01	.115F+01	.615E+00	.134E+01	.104E+01
-,050	-.153E+00	.370F+00	.160L+00	.324F-01	.0396E-01	.108E+01	.504E+00	.146E+01	.891E+00
-,060	-.184E+00	.392F+00	.167E+00	.268E-01	.0362E-01	.105E+01	.412E+00	.154E+01	.789L+00
-,070	-.214E+00	.410F+00	.162E+00	.218E-01	.0370E-01	.992E+00	.353E+00	.160E+01	.711E+00
-,080	-.245E+00	.427F+00	.162L+00	.172E-01	.0361E-01	.945E+00	.263E+00	.163E+01	.651E+00
-,090	-.276E+00	.443F+00	.162E+00	.131E-01	.0353E-01	.909E+00	.202E+00	.166E+01	.601E+00
-,100	-.308E+00	.457E+00	.161L+00	.942E-02	.0346E-01	.878F+00	.146E+00	.167E+01	.561E+00
-,200	-.613E+00	.559F+00	.147E+00	.131E-01	.0310E-01	.688E+00	.243E+00	.156E+01	.354L+00
-,300	-.919E+00	.620F+00	.150L+00	.231E-01	.0269E-01	.583F+00	.491E+00	.130E+01	.272L+00
-,400	-.123E+01	.664F+00	.116E+00	.267L-01	.0267E-01	.512E+00	.678E+00	.101E+01	.225L+00
-,500	-.153E+01	.694F+00	.103E+00	.270E-01	.0245L-01	.460E+00	.830E+00	.100E+00	.194E+00
-,600	-.184E+01	.720F+00	.925E-01	.270E-01	.0223E-01	.419E+00	.959E+00	.599E+00	.172L+00
-,700	-.214L+01	.740F+00	.853E-01	.256E-01	.0203E-01	.366F+00	.107E+01	.813E+01	.155E+00
-,800	-.245E+01	.767F+00	.754E-01	.243E-01	.0183E-01	.356F+00	.117E+01	.222E+00	.141E+00
-,900	-.276E+01	.783F+00	.686E-01	.226E-01	.0166E-01	.334E+00	.126E+01	.520E+00	.130E+00
-1,000	-.308E+01	.797F+00	.626E-01	.210E-01	.0149E-01	.314E+00	.134E+01	.611E+00	.120E+00
-2,000	-.613E+01	.870F+00	.301E-01	.486E-02	.0574E-02	.198E+00	.189E+01	.534E+01	.686E+01
-3,000	-.919E+01	.910F+00	.176L-01	.517E-02	.0758E-02	.146E+00	.220L+01	.524E+01	.461E+01
-4,000	-.123E+02	.930E+00	.116E-01	.301E-02	.0152L-02	.116F+00	.241E+01	.680E+01	.335E+01
-5,000	-.153E+02	.942F+00	.820L-02	.190E-02	.0741E-03	.961E-01	.256E+01	.801E+01	.255E+01
-6,000	-.184E+02	.951F+00	.611E-02	.128E-02	.0448E-03	.872E-01	.267E+01	.899E+01	.201E+01
-7,000	-.214E+02	.957F+00	.473E-02	.69E-03	.0286E-03	.718E-01	.276E+01	.981E+01	.163E+01
-8,000	-.245E+02	.962F+00	.376E-02	.654E-03	.0191E-03	.638E-01	.283E+01	.105E+02	.134E+01
-9,000	-.276E+02	.966E+00	.307E-02	.492E-03	.0133E-03	.573E-01	.289E+01	.111E+02	.113E+01
-10,000	-.306L+02	.969F+00	.255E-02	.379E-03	.0948E-04	.521F-01	.294E+01	.116E+02	.964L+02
-15,000	-.450E+02	.979F+00	.123L-02	.133E-03	.0746E-04	.358E-01	.310E+01	.135E+02	.505L+02
-20,000	-.613E+02	.984F+00	.718E-03	.614E-04	.0896E-05	.272E-01	.319E+01	.144E+02	.310E+02
-25,000	-.766E+02	.987E+00	.471E-03	.332E-04	.0401E-05	.220F+01	.325E+01	.151E+02	.210E+02
-30,000	-.919E+02	.989F+00	.333L-03	.199E-04	.0205E-05	.184F-01	.329E+01	.155E+02	.151E+02
-35,000	-.107E+03	.991F+00	.247L-03	.129E-04	.0116E-05	.159E-01	.331E+01	.154E+02	.114L+02
-40,000	-.123E+03	.992F+00	.191L-03	.82E-05	.0701E-06	.139E-01	.334E+01	.162E+02	.892L+03
-45,000	-.133E+03	.993F+00	.152L-03	.629E-05	.0449E-06	.124F-01	.335E+01	.164E+02	.716L+03
-50,000	-.153E+03	.994F+00	.124E-03	.465E-05	.0301E-06	.112E-01	.337E+01	.166E+02	.588L+03
-55,000	-.168E+03	.994E+00	.103E-03	.353E-05	.0209E-06	.102E-01	.338E+01	.167E+02	.491E+03
-60,000	-.180E+03	.995E+00	.86AE-04	.274E-05	.0150L-06	.937E-02	.339E+01	.169E+02	.417E+03
-65,000	-.199E+03	.995E+00	.742E-04	.217E-05	.0110E-06	.866F-02	.340E+01	.170E+02	.358L+03
-70,000	-.214E+03	.995E+00	.642E-04	.175E-05	.0827E-07	.805E-02	.340L+01	.171E+02	.311E+03
-75,000	-.230E+03	.996E+00	.561E-04	.143E-05	.0633E-07	.752E-02	.341E+01	.171E+02	.272E+03
-80,000	-.245E+03	.996F+00	.499E-04	.118E-05	.0493E-07	.706E-02	.342E+01	.172E+02	.240E+03
-85,000	-.260E+03	.996E+00	.438L-04	.992E-06	.0389L-07	.664E-02	.342E+01	.173E+02	.214E+03
-90,000	-.276E+03	.996E+00	.392E-04	.839E-06	.0312E-07	.628E-02	.342E+01	.173E+02	.192E+03
-95,000	-.291E+03	.997E+00	.352E-04	.716E-06	.0253E-07	.593E-02	.343E+01	.174E+02	.173E+03
-100,000	-.306L+03	.997E+00	.31AE-04	.616E-06	.0207E-07	.566E-02	.343E+01	.174E+02	.156E+03

	C(1)=1.00000	C51=-4.00	ALBDA#	.25					
ALPHA	AL/LAH	AMC(1)	AMC(2)	AMC(3)	AMC(4)	EVLP	CSLP	CKLP	VAREV
-0.001	-0.400L-02	.178E+00	.119E+00	.666E+01	.550E+01	.195E+01	.165E+01	.957E+00	.482E+01
-0.002	-0.800L-02	.211E+00	.133E+00	.668E+01	.554E+01	.173E+01	.139E+01	.124E+00	.338E+01
-0.003	-0.120E-01	.234E+00	.142E+00	.653E+01	.547E+01	.161E+01	.122E+01	.281E+00	.275E+01
-0.004	-0.160E-01	.251E+00	.148E+00	.634E+01	.539E+01	.153E+01	.111E+01	.547E+00	.237E+01
-0.005	-0.200E-01	.266E+00	.153E+00	.614E+01	.531E+01	.147E+01	.103E+01	.751E+00	.211L+01
-0.006	-0.240E-01	.278E+00	.157E+00	.593E+01	.522E+01	.142E+01	.957E+00	.871E+00	.192E+01
-0.007	-0.280E-01	.289E+00	.160E+00	.573E+01	.515E+01	.138E+01	.898E+00	.981E+00	.177E+01
-0.008	-0.320E-01	.298E+00	.162E+00	.553E+01	.507E+01	.135E+01	.847E+00	.101E+01	.166E+01
-0.009	-0.360E-01	.307E+00	.164E+00	.534E+01	.500E+01	.132E+01	.802E+00	.115E+01	.156E+01
-0.010	-0.400E-01	.315E+00	.166E+00	.515E+01	.494E+01	.129E+01	.761E+00	.121E+01	.147E+01
-0.020	-0.800E-01	.374E+00	.175E+00	.359E+01	.448E+01	.112E+01	.469E+00	.154E+01	.103L+01
-0.030	-0.120E+00	.413E+00	.178E+00	.243E+01	.421E+01	.102E+01	.324E+00	.167E+01	.829E+00
-0.040	-0.160E+00	.443E+00	.178E+00	.152E+01	.404E+01	.953E+00	.203E+00	.173E+01	.712E+00
-0.050	-0.200E+00	.467E+00	.177E+00	.788E+02	.393E+01	.901E+00	.106E+00	.175E+01	.632E+00
-0.060	-0.240E+00	.480E+00	.175E+00	.174E+02	.385E+01	.858E+00	.244E+01	.175E+01	.574E+00
-0.070	-0.280E+00	.500E+00	.173E+00	.533E+02	.379E+01	.823E+00	.462E+01	.174E+01	.528E+00
-0.080	-0.320E+00	.522E+00	.171E+00	.767E+02	.374E+01	.792E+00	.109E+00	.172E+01	.492L+00
-0.090	-0.360E+00	.536E+00	.168E+00	.114F+01	.370L+01	.765E+00	.105E+00	.169E+01	.462E+00
-0.100	-0.400E+00	.544E+00	.166E+00	.146E+01	.367E+01	.741E+00	.217E+00	.166E+01	.456E+00
-0.200	-0.800E+00	.639E+00	.141E+00	.304F+01	.343E+01	.587E+00	.583E+00	.127E+01	.300L+00
-0.300	-0.120E+01	.693E+00	.121E+00	.596E+01	.315E+01	.501F+00	.826E+00	.835E+00	.240L+00
-0.400	-0.160E+01	.731E+00	.104E+00	.342F+01	.284E+01	.442F+00	.101E+01	.395E+00	.204L+00
-0.500	-0.200E+01	.760E+00	.914E+01	.522E+01	.254E+01	.398E+00	.117E+01	.391E+01	.179E+00
-0.600	-0.240E+01	.783E+00	.807E+01	.298E+01	.226E+01	.363F+00	.150E+01	.463E+00	.161E+00
-0.700	-0.280E+01	.801E+00	.719E+01	.272E+01	.200E+01	.335E+00	.141E+01	.876E+00	.146L+00
-0.800	-0.320E+01	.816E+00	.643E+01	.248E+01	.178E+01	.311E+00	.152E+01	.128E+01	.134L+00
-0.900	-0.360E+01	.830E+00	.581E+01	.226E+01	.150E+01	.291E+00	.161E+01	.167E+01	.124L+00
-1.000	-0.400E+01	.841E+00	.527E+01	.205E+01	.140E+01	.275F+00	.169E+01	.205E+01	.116E+00
-2.000	-0.800L+01	.904E+00	.244L+01	.866E+02	.494E+02	.173E+00	.227E+01	.529E+01	.671E+01
-3.000	-0.120E+02	.931E+00	.141E+01	.476E+02	.213E+02	.128E+00	.261E+01	.775E+01	.453E+01
-4.000	-0.160E+02	.946E+00	.917E+02	.249E+02	.106E+02	.101E+00	.283E+01	.965E+01	.329E+01
-5.000	-0.200E+02	.955E+00	.645E+02	.155E+02	.589E+03	.801F+01	.299E+01	.112E+02	.251E+01
-6.000	-0.240E+02	.962E+00	.478E+02	.103E+02	.352E+03	.719E+01	.311E+01	.124E+02	.198E+01
-7.000	-0.280E+02	.967E+00	.369E+02	.719E+03	.223E+03	.628E+01	.321E+01	.134E+02	.160E+01
-8.000	-0.320E+02	.971E+00	.293E+02	.572E+03	.148E+03	.558E+01	.328E+01	.143E+02	.132E+01
-9.000	-0.360E+02	.974E+00	.239E+02	.309E+03	.102E+03	.502E+01	.335E+01	.150E+02	.111E+01
-10.000	-0.400E+02	.976E+00	.194E+02	.299E+03	.750E+04	.456E+01	.340E+01	.156E+02	.947E+02
-15.000	-0.600E+02	.984E+00	.948E+03	.104E+03	.187E+04	.313E+01	.357E+01	.178E+02	.495L+02
-20.000	-0.800E+02	.988E+00	.559E+03	.478E+04	.677E+05	.238E+01	.367E+01	.191E+02	.304E+02
-25.000	-0.100E+03	.990E+00	.363E+03	.258E+04	.302E+05	.192E+01	.373E+01	.199E+02	.205E+02
-30.000	-0.120E+03	.992E+00	.254E+03	.154E+04	.154E+05	.161E+01	.377E+01	.205E+02	.148E+02
-35.000	-0.140E+03	.993E+00	.190E+03	.998E+05	.867E+06	.139E+01	.380E+01	.209E+02	.112E+02
-40.000	-0.160E+03	.994E+00	.147E+03	.681E+05	.525E+06	.122E+01	.382E+01	.213E+02	.833E+03
-45.000	-0.160E+03	.995E+00	.117E+03	.480E+05	.336E+06	.109E+01	.384E+01	.216E+02	.701E+03
-50.000	-0.200E+03	.995E+00	.952E+03	.355E+05	.272E+06	.981E+02	.386E+01	.218E+02	.575E+03
-55.000	-0.220E+03	.996E+00	.790E+04	.272E+05	.156E+06	.893E+02	.387E+01	.220E+02	.481E+03
-60.000	-0.240E+03	.996E+00	.686E+04	.211E+05	.117E+06	.820E+02	.388E+01	.221E+02	.408E+03
-65.000	-0.260E+03	.996E+00	.570E+04	.161E+05	.820E+07	.758E+02	.389E+01	.223E+02	.350E+03
-70.000	-0.280E+03	.996E+00	.492E+04	.135E+05	.616E+07	.704E+02	.790E+01	.224E+02	.304E+03
-75.000	-0.300E+03	.997E+00	.430E+04	.110E+05	.471E+07	.658E+02	.390L+01	.225E+02	.266E+03
-80.000	-0.320E+03	.997E+00	.379E+04	.911E+06	.367E+07	.617E+02	.391E+01	.226E+02	.235E+03
-85.000	-0.340E+03	.997E+00	.336E+04	.763E+06	.290E+07	.581E+02	.391E+01	.227E+02	.209E+03
-90.000	-0.360E+03	.997E+00	.300E+04	.645E+06	.232E+07	.549E+02	.392E+01	.227E+02	.187E+03
-95.000	-0.380E+03	.997E+00	.270E+04	.550E+06	.188E+07	.521E+02	.392E+01	.228E+02	.160E+03
-100.000	-0.400E+03	.998E+00	.244E+04	.473E+06	.154E+07	.495E+02	.393E+01	.228E+02	.153E+03

ALPHA	AL/LAH	C(I)=1.00000	C51E=4.50	ALBDA#	.20	CYLP	CSLP	CKLP	VAREV
-0.001	-0.506E-02	.255E+00	.158E+00	.685E-01	.586E-01	.155E+01	.109E+01	-0.638E+00	.256E+01
-0.002	-0.101E-01	.293E+00	.170E+00	.616E-01	.559E-01	.141E+01	.681E+00	-0.106E+01	.193E+01
-0.003	-0.152E-01	.317E+00	.176E+00	.559E-01	.539E-01	.132E+01	.757E+00	-0.126E+01	.163E+01
-0.004	-0.202E-01	.336E+00	.180E+00	.511E-01	.523E-01	.126E+01	.668E+00	-0.139E+01	.145E+01
-0.005	-0.253E-01	.351E+00	.183E+00	.460E-01	.510E-01	.122E+01	.594E+00	-0.148E+01	.132E+01
-0.006	-0.304E-01	.364E+00	.185E+00	.430E-01	.500E-01	.116E+01	.540E+00	-0.154E+01	.123E+01
-0.007	-0.354E-01	.375E+00	.187E+00	.395E-01	.491E-01	.115E+01	.490E+00	-0.159E+01	.115E+01
-0.008	-0.405E-01	.385E+00	.188E+00	.364E-01	.483E-01	.115E+01	.447E+00	-0.165E+01	.109E+01
-0.009	-0.456E-01	.394E+00	.189E+00	.335E-01	.476E-01	.116E+01	.409E+00	-0.166E+01	.104E+01
-0.010	-0.506E-01	.402E+00	.189E+00	.308E-01	.471E-01	.108E+01	.374E+00	-0.169E+01	.991E+00
-0.020	-0.101E+00	.461E+00	.190E+00	.113E-01	.437E-01	.949E+00	.136E+00	-0.179E+01	.740E+00
-0.030	-0.152E+00	.497E+00	.168E+00	.106E-02	.424E-01	.871E+00	-0.131E-01	-0.180E+01	.623E+00
-0.040	-0.202E+00	.525E+00	.184E+00	.980E-02	.417E-01	.816E+00	-0.124E+00	-0.177E+01	.550E+00
-0.050	-0.253E+00	.544E+00	.189E+00	.916E-01	.413E-01	.774E+00	-0.214E+00	-0.172E+01	.499E+00
-0.060	-0.304E+00	.567E+00	.176E+00	.821E-01	.410E-01	.739E+00	-0.291E+00	-0.167E+01	.461E+00
-0.070	-0.354E+00	.584E+00	.172E+00	.754E-01	.408E-01	.710E+00	-0.356E+00	-0.162E+01	.431E+00
-0.080	-0.405E+00	.598E+00	.168E+00	.687E-01	.406E-01	.685E+00	-0.417E+00	-0.156E+01	.406E+00
-0.090	-0.456E+00	.611E+00	.164E+00	.613E-01	.404E-01	.663E+00	-0.471E+00	-0.150E+01	.385E+00
-0.100	-0.506E+00	.625E+00	.160E+00	.534E-01	.402E-01	.645E+00	-0.521E+00	-0.144E+01	.360E+00
-0.200	-0.101E+01	.702E+00	.130E+00	.413E-01	.370E-01	.514E+00	-0.662E+00	-0.812E+00	.208E+00
-0.300	-0.152E+01	.745E+00	.108E+00	.402E-01	.329E-01	.440E+00	-0.113E+01	-0.204E+00	.220E+00
-0.400	-0.202E+01	.781E+00	.923E-01	.369E-01	.288E-01	.389E+00	-0.152E+01	.381E+00	.191E+00
-0.500	-0.253E+01	.805E+00	.794E-01	.333E-01	.251E-01	.351E+00	-0.148E+01	.945E+00	.170E+00
-0.600	-0.304E+01	.824E+00	.698E-01	.291E-01	.218E-01	.321E+00	-0.161E+01	.149E+01	.153E+00
-0.700	-0.354E+01	.837E+00	.616E-01	.265E-01	.190E-01	.290E+00	-0.173E+01	.201E+01	.140L+00
-0.800	-0.405E+01	.852E+00	.549E-01	.237E-01	.166E-01	.275E+00	-0.184E+01	.252E+01	.130E+00
-0.900	-0.456E+01	.863E+00	.493E-01	.212E-01	.146E-01	.257E+00	-0.194E+01	.301E+01	.120E+00
-1.000	-0.506E+01	.872E+00	.445E-01	.190E-01	.128E-01	.242E+00	-0.203L+01	.349E+01	.112L+00
-2.000	-0.101E+02	.925E+00	.201E-01	.751E-02	.423E-02	.153E+00	-0.264E+01	.752E+01	.661E-01
-3.000	-0.152E+02	.945E+00	.115E-01	.368E-02	.178E-02	.113E+00	-0.300E+01	.105E+02	.448E-01
-4.000	-0.202E+02	.957E+00	.741E-02	.201E-02	.173E-03	.900E-01	-0.324E+01	.124E+02	.326E-01
-5.000	-0.253E+02	.965E+00	.519E-02	.128E-02	.978E-03	.747E-01	-0.341E+01	.147E+02	.248E-01
-6.000	-0.304E+02	.976E+00	.384E-02	.843E-03	.280E-03	.639E-01	-0.354E+01	.162E+02	.196E-01
-7.000	-0.354E+02	.975E+00	.294E-02	.586E-03	.179E-03	.558E-01	-0.364E+01	.175E+02	.158E-01
-8.000	-0.405E+02	.971E+00	.235E-02	.423E-03	.118E-03	.496E-01	-0.373E+01	.185E+02	.131E-01
-9.000	-0.456E+02	.974E+00	.191E-02	.316E-03	.814E-04	.446E-01	-0.379E+01	.194E+02	.110E-01
-10.000	-0.506E+02	.981E+00	.158E-02	.242E-03	.579E-04	.405E-01	-0.385E+01	.202E+02	.935E-02
-15.000	-0.759E+02	.987E+00	.754E-03	.836E-04	.147E-04	.278E-01	-0.804E+01	.278E+02	.489E-02
-20.000	-0.101E+03	.991E+00	.444E-03	.582E-04	.530E-05	.212E-01	-0.414E+01	.244E+02	.300E-02
-25.000	-0.127E+03	.992E+00	.280E-03	.206E-04	.235E-05	.171E-01	-0.421E+01	.254E+02	.202L-02
-30.000	-0.152E+03	.993E+00	.203E-03	.123E-04	.120E-05	.145E-01	-0.425E+01	.21E+02	.146E-02
-35.000	-0.177E+03	.994E+00	.151E-03	.793E-05	.675E-06	.123E-01	-0.428E+01	.267E+02	.110E-02
-40.000	-0.202E+03	.995E+00	.116E-03	.541E-05	.408E-06	.108E-01	-0.431E+01	.271E+02	.860E-03
-45.000	-0.228E+03	.996E+00	.926E-04	.380E-05	.261E-06	.966E-02	-0.433E+01	.274E+02	.691E-03
-50.000	-0.253E+03	.996E+00	.754E-04	.284E-05	.174E-06	.872E-02	-0.435E+01	.277E+02	.567E-03
-55.000	-0.278E+03	.996E+00	.626E-04	.140E-05	.121E-06	.794E-02	-0.436E+01	.279E+02	.473E-03
-60.000	-0.304E+03	.997E+00	.527E-04	.167E-05	.866E-07	.724E-02	-0.437E+01	.281E+02	.401E-03
-65.000	-0.329E+03	.997E+00	.451E-04	.133E-05	.636E-07	.673E-02	-0.438E+01	.283E+02	.345E-03
-70.000	-0.354E+03	.997E+00	.390E-04	.101E-05	.477E-07	.626E-02	-0.439E+01	.284E+02	.299E-03
-75.000	-0.380E+03	.997E+00	.340E-04	.872E-06	.365E-07	.585E-02	-0.440E+01	.285E+02	.262E-03
-80.000	-0.405E+03	.997E+00	.300E-04	.772E-06	.284E-07	.549E-02	-0.440E+01	.286E+02	.251E-03
-85.000	-0.430E+03	.997E+00	.266E-04	.604E-06	.224E-07	.517E-02	-0.441E+01	.287E+02	.206E-03
-90.000	-0.456E+03	.997E+00	.238E-04	.511E-06	.180E-07	.488E-02	-0.441E+01	.288E+02	.189E-03
-95.000	-0.481E+03	.997E+00	.213E-04	.436E-06	.145E-07	.463E-02	-0.442E+01	.289E+02	.166E-03
-100.000	-0.506E+03	.997E+00	.193E-04	.375E-06	.119E-07	.440E-02	-0.442E+01	.290E+02	.150E-03

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARGV
-0.001	-0.625E+02	.331F+00	.187E+00	.560E-01	.563E+01	.131F+01	.694E+00	-0.139E+01	.162E+01
-0.002	-0.125E+01	.37UF+00	.194E+00	.441F+01	.529E+01	.119E+01	.515E+00	-0.160E+01	.129E+01
-0.003	-0.382E+01	.395E+00	.19AE+00	.358E+01	.509E+01	.113F+01	.408E+00	-0.170E+01	.112E+01
-0.004	-0.250E+01	.413F+00	.199E+00	.293E+01	.496E+01	.108F+01	.329E+00	-0.175E+01	.102E+01
-0.005	-0.317E+01	.428E+00	.200E+00	.239E+01	.486E+01	.104E+01	.267L+00	-0.174E+01	.946E+00
-0.006	-0.375E+01	.441E+00	.200E+00	.194F+01	.44L+01	.102E+01	.216E+00	-0.181E+01	.889E+00
-0.007	-0.432E+01	.452F+00	.200E+00	.154E+01	.474E+01	.992E+00	.171E+00	-0.182E+01	.843E+00
-0.008	-0.500E+01	.461F+00	.200E+00	.119F+01	.497E+01	.970F+00	.132E+00	-0.185E+01	.806E+00
-0.009	-0.567E+01	.47UF+00	.200E+00	.872E-02	.466E+01	.952F+00	.974E+01	-0.184E+01	.774E+00
-0.010	-0.625E+01	.478F+00	.200E+00	.58E-02	.463E+01	.933F+00	.658E+01	-0.184E+01	.746E+00
-0.020	-0.125E+00	.533F+00	.194E+00	.132E+01	.451E+01	.626E+00	.154E+00	-0.180E+01	.506E+00
-0.030	-0.168E+00	.568E+00	.187E+00	.238E+01	.449E+01	.761E+00	.295E+00	-0.172E+01	.507E+00
-0.040	-0.250E+00	.594F+00	.181E+00	.508E+01	.448E+01	.716E+00	.401E+00	-0.162E+01	.457E+00
-0.050	-0.313E+00	.614F+00	.175E+00	.355E+01	.448E+01	.680E+00	.408E+00	-0.153E+01	.422E+00
-0.060	-0.375E+00	.632F+00	.169E+00	.391E+01	.446E+01	.651E+00	.563E+00	-0.144E+01	.394E+00
-0.070	-0.438E+00	.646E+00	.164E+00	.410E+01	.444E+01	.626E+00	.628E+00	-0.134E+01	.372E+00
-0.080	-0.500E+00	.659E+00	.159E+00	.435E+01	.442E+01	.605F+00	.667E+00	-0.125E+01	.354E+00
-0.090	-0.562E+00	.671F+00	.154E+00	.449F+01	.439E+01	.586F+00	.740E+00	-0.116E+01	.338E+00
-0.100	-0.625E+00	.681F+00	.150E+00	.459E+01	.455E+01	.569F+00	.700E+00	-0.107E+01	.325E+00
-0.200	-0.125E+01	.751F+00	.118E+00	.466E+01	.385E+01	.457E+00	.115E+01	-0.223E+00	.247E+00
-0.300	-0.188E+01	.791F+00	.964E+01	.470E+01	.351E+01	.393F+00	.140E+01	.550E+00	.207E+00
-0.400	-0.250E+01	.816F+00	.813E+01	.389E+01	.282P+01	.346F+00	.160E+01	.124E+01	.102E+00
-0.500	-0.313E+01	.834F+00	.694E+01	.323E+01	.241E+01	.314F+00	.177E+01	.204E+01	.103E+00
-0.600	-0.375E+01	.855F+00	.603E+01	.283E+01	.206E+01	.28E+00	.191E+01	.261E+01	.148E+00
-0.700	-0.438E+01	.868F+00	.529E+01	.248E+01	.177E+01	.265F+00	.204E+01	.532E+01	.156E+00
-0.800	-0.500E+01	.878E+00	.469E+01	.219E+01	.153E+01	.247F+00	.215E+01	.394E+01	.126E+00
-0.900	-0.563E+01	.888F+00	.419E+01	.194E+01	.153E+01	.231E+00	.226E+01	.454E+01	.118E+00
-1.000	-0.625E+01	.895F+00	.37E+01	.172E+01	.116E+01	.217E+00	.235E+01	.513E+01	.110E+00
-2.000	-0.125E+02	.93E+00	.167E+01	.449F+02	.304E+02	.130E+00	.300E+01	.100E+02	.655E+01
-3.000	-0.187E+02	.955E+00	.947E+02	.312E+02	.150E+02	.102F+00	.359E+01	.137E+02	.444E+01
-4.000	-0.250E+02	.965F+00	.610E+02	.174E+02	.726E+03	.804E+01	.364E+01	.165F+02	.323E+01
-5.000	-0.313E+02	.971F+00	.426E+02	.107E+02	.395E+03	.672E+01	.383E+01	.18E+02	.246E+01
-6.000	-0.375E+02	.976E+00	.315E+02	.700E+03	.233E+03	.575E+01	.397E+01	.205E+02	.194E+01
-7.000	-0.438E+02	.979E+00	.242E+02	.485E+03	.146E+03	.502E+01	.408L+01	.220E+02	.157E+01
-8.000	-0.500E+02	.981F+00	.192E+02	.355E+03	.965E+04	.446E+01	.417E+01	.233E+02	.150E+01
-9.000	-0.563E+02	.983F+00	.156E+02	.260E+03	.662E+04	.401E+01	.424E+01	.244E+02	.109E+01
-10.000	-0.625E+02	.985F+00	.129E+02	.199E+03	.470E+04	.365E+01	.450E+01	.253E+02	.927E+02
-15.000	-0.938E+02	.990F+00	.614E+03	.684E+04	.118L+04	.250E+01	.450E+01	.284E+02	.484E+02
-20.000	-0.125E+03	.992F+00	.358E+03	.312E+04	.426E+05	.191E+01	.461E+01	.303E+02	.297E+02
-25.000	-0.154E+03	.994E+00	.234E+03	.168E+04	.189E+05	.154E+01	.408E+01	.315E+02	.200E+02
-30.000	-0.188E+03	.995E+00	.165E+03	.100E+04	.962E+06	.129E+01	.473E+01	.324E+02	.144E+02
-35.000	-0.219E+03	.996F+00	.122E+03	.646E+05	.540E+06	.111E+01	.477E+01	.331E+02	.109E+02
-40.000	-0.250E+03	.996F+00	.945E+04	.440E+05	.326E+06	.976E+02	.480E+01	.336E+02	.851E+03
-45.000	-0.281E+03	.996F+00	.751E+04	.314E+05	.209E+06	.870E+02	.482E+01	.340E+02	.683E+03
-50.000	-0.317E+03	.997F+00	.611E+04	.231E+05	.139E+06	.784E+02	.407E+01	.343E+02	.501E+03
-55.000	-0.344E+03	.997E+00	.507E+04	.175E+05	.967E+07	.714E+02	.485E+01	.346E+02	.408L+03
-60.000	-0.375E+03	.997F+00	.428E+04	.136E+05	.697L+07	.656E+02	.486E+01	.348E+02	.397L+03
-65.000	-0.406E+03	.998E+00	.368E+04	.108E+05	.508E+07	.600E+02	.487E+01	.350E+02	.341E+03
-70.000	-0.438L+03	.998E+00	.316E+04	.86E+04	.381E+07	.563F+02	.488E+01	.352E+02	.296E+03
-75.000	-0.469E+03	.998F+00	.27E+04	.708E+06	.291E+07	.520E+02	.489E+01	.353E+02	.239E+03
-80.000	-0.501E+03	.998E+00	.243E+04	.586E+06	.227E+07	.494E+02	.489E+01	.354E+02	.229E+03
-85.000	-0.531E+03	.998F+00	.21AE+04	.490E+06	.179L+07	.465E+02	.490E+01	.355E+02	.204E+03
-90.000	-0.563E+03	.998F+00	.193E+04	.414E+06	.143E+07	.440E+02	.491E+01	.357E+02	.182E+03
-95.000	-0.590L+03	.998F+00	.173E+04	.353E+06	.116E+07	.417F+02	.491E+01	.357E+02	.164L+03
-100.000	-0.625L+03	.998F+00	.158E+04	.304E+06	.949E+08	.396E+02	.492E+01	.358E+02	.149L+03

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
E(1)=1.00000			E(1)=5.50			ALRDA# 13			
-0.001	-0.756E-02	.401E+00	.205E+00	.350E-01	.550E-01	.115E+01	.383E+00	-0.174E+01	.116E+01
-0.002	-0.151E+01	.440E+00	.204E+00	.211E+01	.566E+01	.104E+01	.223E+00	-0.185E+01	.955E+00
-0.003	-0.277E+01	.464E+00	.204E+00	.118E-01	.494E-01	.944E+00	.125E+00	-0.186E+01	.852E+00
-0.004	-0.305E+01	.442E+00	.208E+00	.494E-02	.488E-01	.946E+00	.527E+01	-0.187E+01	.766E+00
-0.005	-0.377E+01	.496E+00	.207E+00	.444E-03	.484E-01	.917E+00	-0.475E-02	-0.187E+01	.738E+00
-0.006	-0.454E+01	.508E+00	.206E+00	.495E-02	.482E-01	.895E+00	-0.528E-01	-0.186E+01	.700E+00
-0.007	-0.529E+01	.516E+00	.204E+00	.873E-02	.481E-01	.872E+00	-0.944E-01	-0.185E+01	.670E+00
-0.008	-0.605E+01	.528E+00	.203E+00	.120E-01	.480E-01	.655E+00	-0.131E+00	-0.184E+01	.645E+00
-0.009	-0.681E+01	.536E+00	.202E+00	.144E-01	.479E-01	.834E+00	-0.164E+00	-0.183E+01	.623E+00
-0.010	-0.756E+01	.543E+00	.201E+00	.175E-01	.479E-01	.825E+00	-0.194E+00	-0.181E+01	.604E+00
-0.020	-0.151E+00	.595E+00	.190E+00	.335E-01	.482E-01	.733E+00	-0.405E+00	-0.166E+01	.493E+00
-0.030	-0.277E+00	.627E+00	.180E+00	.415E-01	.485E-01	.670E+00	-0.542E+00	-0.151E+01	.436E+00
-0.040	-0.303E+00	.650E+00	.172E+00	.462E-01	.485E-01	.638E+00	-0.647E+00	-0.136E+01	.399E+00
-0.050	-0.377E+00	.664E+00	.165L+00	.491E-01	.483E-01	.607E+00	-0.733E+00	-0.122E+01	.372L+00
-0.060	-0.454E+00	.684E+00	.159E+00	.510E-01	.480E-01	.582E+00	-0.807L+00	-0.109E+01	.351L+00
-0.070	-0.529E+00	.697E+00	.153L+00	.521E-01	.475E-01	.561E+00	-0.872E+00	-0.964E+00	.354E+00
-0.080	-0.605E+00	.709E+00	.144E+00	.528E-01	.470E-01	.542E+00	-0.931E+00	-0.840E+00	.320L+00
-0.090	-0.681E+00	.714E+00	.143E+00	.531E-01	.464E-01	.525E+00	-0.965E+00	-0.719E+00	.307E+00
-0.100	-0.756E+00	.728E+00	.158E+00	.532E-01	.454E-01	.510E+00	-1.046E+01	-0.601E+00	.297L+00
-0.200	-0.151E+01	.789E+00	.106E+00	.483E-01	.388E-01	.412E+00	-0.141E+01	.472F+00	.232E+00
-0.300	-0.277E+01	.824E+00	.853E-01	.415E-01	.323E-01	.355E+00	-0.167E+01	.143E+01	.198E+00
-0.400	-0.305E+01	.847E+00	.711E-01	.355E-01	.269E-01	.315E+00	-0.187E+01	.233E+01	.175E+00
-0.500	-0.377E+01	.865F+00	.604E-01	.394E-01	.226E-01	.284F+00	-0.205E+01	.316F+01	.154C+00
-0.600	-0.454E+01	.878F+00	.522E-01	.262E-01	.191E-01	.260E+00	-0.220E+01	.400E+01	.145E+00
-0.700	-0.529E+01	.889E+00	.457E-01	.220E-01	.167E-01	.240E+00	-0.233E+01	.478E+01	.134L+00
-0.800	-0.605E+01	.898E+00	.404E-01	.199E-01	.139E-01	.224E+00	-0.245E+01	.553E+01	.124E+00
-0.900	-0.681E+01	.906E+00	.360E-01	.175E-01	.120E-01	.209E+00	-0.256E+01	.625E+01	.116L+00
-1.000	-0.756E+01	.912F+00	.323E-01	.154F-01	.104E-01	.197E+00	-0.266E+01	.695E+01	.109L+00
-2.000	-0.151E+02	.988E+00	.141E-01	.563E-02	.314E-02	.125E+00	-0.336E+01	.128E+02	.650E+01
-3.000	-0.227E+02	.965F+00	.794E-02	.267E-02	.127E-02	.926E-01	-0.377E+01	.172E+02	.441E+01
-4.000	-0.302E+02	.971F+00	.510E-02	.147E-02	.612E-03	.736E-01	-0.404E+01	.205E+02	.321E+01
-5.000	-0.377E+02	.976E+00	.356E-02	.900E-03	.331E-03	.611E-01	-0.424E+01	.232E+02	.245E+01
-6.000	-0.450E+02	.980F+00	.262L-02	.590F-03	.195E-03	.523E-01	-0.439E+01	.253E+02	.193E+01
-7.000	-0.529E+02	.982E+00	.201E-02	.407E-03	.127E-03	.457E-01	-0.451E+01	.271E+02	.156E+01
-8.000	-0.605E+02	.985F+00	.159E-02	.295E-03	.802E-04	.405F-01	-0.461E+01	.286E+02	.129E+01
-9.000	-0.681E+02	.986F+00	.129E-02	.218E-03	.549E-04	.365F-01	-0.468E+01	.298E+02	.108E+01
-10.000	-0.756E+02	.987E+00	.107E-02	.160E-03	.389E-04	.331E-01	-0.475E+01	.304E+02	.921E-02
-15.000	-0.113E+03	.992F+00	.509E-03	.570E-04	.976E-05	.228E-01	-0.497E+01	.347E+02	.461E+02
-20.000	-0.151E+03	.994F+00	.296E-03	.254E-04	.350E-05	.173E-01	-0.508E+01	.364E+02	.294E+02
-25.000	-0.180E+03	.995F+00	.194E-03	.139E-04	.155E-05	.140F-01	-0.516E+01	.383E+02	.149E+02
-30.000	-0.227E+03	.996F+00	.156E-03	.831E-05	.769E-06	.117E-01	-0.523E+01	.394E+02	.143E+02
-35.000	-0.265E+03	.996E+00	.101E-03	.535E-05	.443E-06	.101E-01	-0.525E+01	.401E+02	.108E+02
-40.000	-0.302E+03	.997E+00	.762E-04	.345E-05	.267E-06	.887E-02	-0.528E+01	.407E+02	.844E+01
-45.000	-0.340E+03	.997E+00	.621E-04	.260E-05	.171E-06	.791E-02	-0.530E+01	.412E+02	.618E+01
-50.000	-0.377E+03	.997E+00	.508E-04	.191E-05	.114E-06	.713E-02	-0.532E+01	.416E+02	.556E+01
-55.000	-0.416E+03	.998E+00	.420E-04	.145E-05	.791E-07	.649E-02	-0.534E+01	.419E+02	.464E+01
-60.000	-0.454E+03	.998E+00	.354E-04	.113E-05	.566E-07	.596E-02	-0.535E+01	.422E+02	.394E+01
-65.000	-0.492E+03	.998F+00	.302E-04	.891E-06	.415E-07	.551E-02	-0.536E+01	.424E+02	.338E+01
-70.000	-0.529E+03	.998F+00	.261E-04	.718E-06	.312E-07	.512F-02	-0.537E+01	.426E+02	.293E+01
-75.000	-0.567E+03	.998F+00	.228E-04	.586E-06	.238E-07	.478F-02	-0.538E+01	.428E+02	.257E+01
-80.000	-0.605E+03	.998E+00	.201E-04	.485E-06	.185E-07	.449E-02	-0.539E+01	.424E+02	.227E+01
-85.000	-0.643E+03	.998F+00	.178E-04	.406E-06	.146E-07	.423F-02	-0.539E+01	.431E+02	.202E+01
-90.000	-0.681E+03	.999F+00	.159E-04	.343E-06	.117E-07	.400F-02	-0.540E+01	.432E+02	.181E+01
-95.000	-0.718E+03	.999E+00	.143E-04	.293E-06	.948E-08	.374E-02	-0.540E+01	.433E+02	.163L-03
-100.000	-0.756E+03	.999F+00	.129E-04	.245E-06	.768E-08	.340E-02	-0.541E+01	.434E+02	.147L-03

C(1)=1,00000				C51=6,00		ALRDAB		.31	
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CALP	VARLV
-0.001	-0.900E+02	.464E+00	.214E+00	.124E-01	.510E-01	.998E+00	.125E+00	-0.188E+01	.846E+00
-0.002	-0.180E+01	.501E+00	.213E+00	-0.235E-02	.504E-01	.921E+00	-0.239E-01	-0.184E+01	.761E+00
-0.003	-0.270E+01	.574E+00	.211E+00	-0.112E-01	.502E-01	.875E+00	-0.116E+00	-0.187E+01	.691E+00
-0.004	-0.360E+01	.541E+00	.208E+00	-0.176E-01	.503E-01	.843E+00	-0.185E+00	-0.184E+01	.645E+00
-0.005	-0.450E+01	.555E+00	.206E+00	-0.224E-01	.504E-01	.818E+00	-0.240E+00	-0.181E+01	.611E+00
-0.006	-0.540E+01	.560E+00	.204E+00	-0.245E-01	.505E-01	.798E+00	-0.266E+00	-0.176E+01	.584E+00
-0.007	-0.630E+01	.570E+00	.202E+00	-0.275E-01	.507E-01	.780E+00	-0.326E+00	-0.176E+01	.503E+00
-0.008	-0.720E+01	.584E+00	.200E+00	-0.325E-01	.508E-01	.765E+00	-0.301E+00	-0.175E+01	.544E+00
-0.009	-0.810E+01	.592E+00	.198E+00	-0.370E-01	.509E-01	.752E+00	-0.393E+00	-0.170E+01	.520E+00
-0.010	-0.900E+01	.594E+00	.196E+00	-0.434E-01	.511E-01	.740E+00	-0.423E+00	-0.167E+01	.515E+00
-0.020	-0.180E+00	.604E+00	.181E+00	-0.487E-01	.519E-01	.654E+00	-0.630E+00	-0.142E+01	.432E+00
-0.030	-0.270E+00	.675E+00	.170E+00	-0.538E-01	.520E-01	.611E+00	-0.705E+00	-0.121E+01	.308E+00
-0.040	-0.360E+00	.690E+00	.161E+00	-0.563E-01	.517E-01	.577E+00	-0.870E+00	-0.101E+01	.300E+00
-0.050	-0.450E+00	.713E+00	.154E+00	-0.576E-01	.511E-01	.550F+00	-0.957E+00	-0.833E+00	.538E+00
-0.060	-0.540E+00	.727E+00	.147E+00	-0.581E-01	.504E-01	.522E+00	-0.103E+01	-0.663E+00	.321E+00
-0.070	-0.630E+00	.739E+00	.141E+00	-0.581E-01	.496E-01	.508E+00	-0.110E+01	-0.500E+00	.308E+00
-0.080	-0.720E+00	.749E+00	.135E+00	-0.578E-01	.487E-01	.491E+00	-0.116E+01	-0.344E+00	.294E+00
-0.090	-0.810E+00	.758E+00	.131E+00	-0.573E-01	.478E-01	.477E+00	-0.121E+01	-0.194E+00	.286E+00
-0.100	-0.900E+00	.766E+00	.126E+00	-0.566E-01	.469E-01	.465E+00	-0.126E+01	-0.477E+01	.277L+00
-0.200	-0.180L+01	.814E+00	.946E-01	-0.474E-01	.381E-01	.375F+00	-0.165E+01	.126E+01	.222L+00
-0.300	-0.270E+01	.850F+00	.756E-01	-0.398E-01	.309E-01	.524F+00	-0.192L+01	.242E+01	.191E+00
-0.400	-0.360E+01	.870F+00	.625E-01	-0.333E-01	.253E-01	.287E+00	-0.214E+01	.349E+01	.171E+00
-0.500	-0.450E+01	.885F+00	.529E-01	-0.282E-01	.210E-01	.260F+00	-0.232E+01	.450E+01	.155E+00
-0.600	-0.540E+01	.897E+00	.455E-01	-0.240F-01	.175E-01	.230E+00	-0.246E+01	.540E+01	.142E+00
-0.700	-0.630E+01	.906F+00	.397E-01	-0.207E-01	.148E-01	.220F+00	-0.262E+01	.639E+01	.131E+00
-0.800	-0.720E+01	.914E+00	.350E-01	-0.180E-01	.126E-01	.205F+00	-0.275E+01	.727E+01	.122E+00
-0.900	-0.810E+01	.920E+00	.311E-01	-0.157E-01	.108E-01	.192E+00	-0.285E+01	.813E+01	.114E+00
-1,000	-0.900E+01	.926E+00	.278E-01	-0.138E-01	.927E-02	.180F+00	-0.297E+01	.695E+01	.107E+00
-2,000	-0.180E+02	.950E+00	.120E-01	-0.490E-02	.273E-02	.115E+00	-0.311E+01	.159E+02	.646E+01
-3,000	-0.270E+02	.964E+00	.675E-02	-0.230E-02	.109E-02	.848E-01	-0.415E+01	.210E+02	.439E+01
-4,000	-0.360E+02	.976E+00	.433E-02	-0.126E-02	.522E-03	.674E-01	-0.440E+01	.244E+02	.320E+01
-5,000	-0.450E+02	.980F+00	.301E-02	-0.764E-03	.281E-03	.560E-01	-0.466E+01	.280E+02	.244L+01
-6,000	-0.540E+02	.983F+00	.227E-02	-0.503E-03	.165E-03	.479E-01	-0.482E+01	.305E+02	.192E+01
-7,000	-0.630E+02	.985E+00	.170E-02	-0.346E-03	.103E-03	.418E-01	-0.494E+01	.326E+02	.155E+01
-8,000	-0.720E+02	.987E+00	.135E-02	-0.249E-03	.676E-04	.372F-01	-0.504E+01	.344E+02	.128E+01
-9,000	-0.810E+02	.988E+00	.109E-02	-0.185E-03	.463E-04	.334E-01	-0.513E+01	.358E+02	.108E+01
-10,000	-0.900E+02	.984E+00	.903E-03	-0.101E-03	.327E-04	.304E-01	-0.520E+01	.371E+02	.917E+02
-15,000	-0.135E+03	.993F+00	.429L-03	-0.482E-04	.818E-05	.209E-01	-0.543E+01	.415E+02	.478E+02
-20,000	-0.180E+03	.995E+00	.250E-03	-0.219E-04	.243E-05	.159E-01	-0.556E+01	.441E+02	.293E+02
-25,000	-0.225E+03	.996E+00	.163E-03	-0.111E-04	.130E-05	.128E-01	-0.564E+01	.458E+02	.194E+02
-30,000	-0.270E+03	.996F+00	.115E-03	-0.701E-05	.659E-06	.108E-01	-0.569E+01	.470E+02	.142E+02
-40,000	-0.360E+03	.997E+00	.852E-04	-0.451E-05	.370E-06	.926E-02	-0.573E+01	.474E+02	.107E+02
-45,000	-0.450E+03	.998E+00	.651E-04	-0.122E-05	.660E-07	.595E-02	-0.583E+01	.494E+02	.661E+03
-60,000	-0.540E+03	.998F+00	.294E-04	-0.948E-06	.472L-07	.500E-02	-0.584E+01	.503E+02	.391E+03
-65,000	-0.585E+03	.998E+00	.254E-04	-0.750E-06	.346E-07	.505E-02	-0.585E+01	.505E+02	.336E+03
-70,000	-0.630E+03	.998E+00	.220E-04	-0.604E-06	.260E-07	.470E-02	-0.586E+01	.508E+02	.291E+03
-75,000	-0.675E+03	.999E+00	.192E-04	-0.493E-06	.199E-07	.439E-02	-0.587E+01	.510F+02	.255E+03
-80,000	-0.720E+03	.9994F+00	.169E-04	-0.408E-06	.154E-07	.412F-02	-0.588E+01	.511E+02	.225E+03
-85,000	-0.765E+03	.999F+00	.150E-04	-0.301E-06	.122E-07	.388F-02	-0.589E+01	.513E+02	.201E+03
-90,000	-0.810E+03	.999E+00	.134L-04	-0.244E-06	.970E-08	.360F-02	-0.589L+01	.515E+02	.180E+03
-95,000	-0.855E+03	.999F+00	.120E-04	-0.246E-06	.790L-08	.301E-02	-0.590L+01	.516E+02	.162E+03
-100,000	-0.900E+03	.999E+00	.109E-04	-0.211E-06	.646E-08	.330E-02	-0.590L+01	.517E+02	.146E+03

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLK	CSLP	CKLP	VARLV
-0.001	-1.00E+01	.520F+00	.217E+00	.490F+02	.520E+01	.895E+00	.9/2E+01	.189E+01	.734L+00
-0.002	-2.11L+01	.555F+00	.212E+00	.234E+01	.523E+01	.824E+00	.240E+00	.183E+01	.637E+00
-0.003	-3.17L+01	.577F+00	.208E+00	.311E+01	.528E+01	.790F+00	.329E+00	.178E+01	.586E+00
-0.004	-4.23L+01	.593F+00	.204E+00	.364E+01	.532E+01	.762E+00	.396E+00	.172E+01	.552E+00
-0.005	-5.28L+01	.605F+00	.201E+00	.404E+01	.535E+01	.740F+00	.449E+00	.167E+01	.527E+00
-0.006	-6.34L+01	.616F+00	.198E+00	.434E+01	.539E+01	.722F+00	.494E+00	.162E+01	.507E+00
-0.007	-7.39L+01	.625F+00	.195E+00	.459E+01	.541E+01	.707E+00	.534E+00	.158E+01	.491E+00
-0.008	-8.44L+01	.633F+00	.192E+00	.480E+01	.543E+01	.693F+00	.569E+00	.153E+01	.477E+00
-0.009	-9.51L+01	.644F+00	.190E+00	.496E+01	.545L+01	.682F+00	.605E+00	.149E+01	.465L+00
-0.010	-1.06L+00	.646F+00	.188E+00	.513E+01	.547L+01	.671F+00	.629E+00	.145E+01	.455E+00
-0.020	-2.11E+00	.689F+00	.171E+00	.591E+01	.551E+01	.600E+00	.835E+00	.111E+01	.390L+00
-0.030	-3.17E+00	.715F+00	.159E+00	.617E+01	.547E+01	.557E+00	.972E+00	.838E+00	.355E+00
-0.040	-4.23E+00	.735F+00	.150E+00	.624E+01	.538E+01	.527E+00	.108E+01	.594E+00	.332E+00
-0.050	-5.28L+00	.750F+00	.142E+00	.622E+01	.528L+01	.502E+00	.117E+01	.371E+00	.314E+00
-0.060	-6.34L+00	.762F+00	.135E+00	.616E+01	.517E+01	.482F+00	.124E+01	.162E+00	.300E+00
-0.070	-7.39L+00	.772F+00	.129E+00	.607E+01	.505E+01	.465E+00	.151E+01	.352E+01	.268L+00
-0.080	-8.44L+00	.782F+00	.124E+00	.597E+01	.493E+01	.450E+00	.157E+01	.224E+00	.279E+00
-0.090	-9.51L+00	.790F+00	.119E+00	.580E+01	.481E+01	.437E+00	.143E+01	.405E+00	.270L+00
-0.100	-1.06E+01	.797F+00	.115E+00	.574E+01	.470E+01	.425E+00	.148E+01	.581E+00	.202L+00
-0.200	-2.11E+01	.844F+00	.846E+01	.463E+01	.368E+01	.345F+00	.168L+01	.214E+01	.214E+00
-0.300	-3.17E+01	.870F+00	.671E+01	.375E+01	.297E+01	.298E+00	.216L+01	.350E+01	.168L+00
-0.400	-4.22E+01	.880F+00	.551E+01	.309E+01	.236E+01	.264E+00	.239E+01	.470E+01	.167L+00
-0.500	-5.28L+01	.901F+00	.465E+01	.259E+01	.193E+01	.234F+00	.258E+01	.594E+01	.152E+00
-0.600	-6.34L+01	.911F+00	.399E+01	.219E+01	.160E+01	.219F+00	.275E+01	.707E+01	.140E+00
-0.700	-7.39L+01	.919F+00	.347E+01	.187E+01	.154E+01	.203F+00	.290E+01	.814E+01	.130L+00
-0.800	-8.44L+01	.926F+00	.305E+01	.162E+01	.113E+01	.189E+00	.304E+01	.916E+01	.121L+00
-0.900	-9.51L+01	.932F+00	.271E+01	.141E+01	.966E+02	.177F+00	.316E+01	.102E+02	.113L+00
-1.000	-1.06E+02	.930F+00	.242E+01	.123E+01	.829E+02	.166E+00	.327E+01	.111E+02	.106L+00
-2.000	-2.11E+02	.962E+00	.104E+01	.430E+02	.239E+02	.100E+00	.406E+01	.192E+02	.643E+01
-3.000	-3.17E+02	.973E+00	.580E+02	.209E+02	.947E+03	.183E+01	.453E+01	.251E+02	.458E+01
-4.000	-4.22E+02	.979E+00	.311E+02	.104E+02	.450E+03	.622F+01	.404E+01	.291E+02	.319E+01
-5.000	-5.28L+02	.983F+00	.258E+02	.664E+03	.242E+03	.517E+01	.506E+01	.533E+02	.243L+01
-6.000	-6.34L+02	.986F+00	.190E+02	.433E+03	.141E+03	.442E+01	.524E+01	.562E+02	.191E+01
-7.000	-7.39L+02	.987F+00	.145E+02	.298E+03	.881E+04	.386E+01	.537E+01	.596E+02	.155L+01
-8.000	-8.44L+02	.989F+00	.115E+02	.214E+03	.578E+04	.343E+01	.548E+01	.406E+02	.128L+01
-9.000	-9.51L+02	.990F+00	.933E+03	.159E+03	.395E+04	.304E+01	.557E+01	.423E+02	.107E+01
-10.000	-1.06E+03	.991F+00	.712E+03	.121E+03	.279E+04	.28UE+01	.564E+01	.438E+02	.913E+02
-15.000	-1.58E+03	.994E+00	.366E+03	.413E+04	.696E+05	.193E+01	.589E+01	.484E+02	.476E+02
-20.000	-2.11E+03	.995E+00	.213E+03	.187E+04	.249E+05	.147E+01	.603E+01	.514E+02	.292E+02
-25.000	-2.64E+03	.996F+00	.139E+03	.10VE+04	.110E+05	.118E+01	.611E+01	.539E+02	.197E+02
-30.000	-3.17E+03	.997F+00	.980E+04	.598E+05	.559E+06	.993E+02	.617E+01	.553E+02	.142E+02
-35.000	-3.70E+03	.997F+00	.727E+04	.585E+05	.313E+06	.855E+02	.622E+01	.563E+02	.107E+02
-40.000	-4.22E+03	.998F+00	.501E+04	.262E+05	.189E+06	.751E+02	.625E+01	.571E+02	.835E+03
-45.000	-4.75E+03	.998F+00	.446E+04	.18E+05	.121E+06	.664E+02	.628E+01	.571E+02	.670E+03
-50.000	-5.28L+03	.998F+00	.363E+04	.136E+05	.806E+07	.603E+02	.630E+01	.583E+02	.550E+03
-55.000	-5.81E+03	.998F+00	.301E+04	.104E+05	.559E+07	.544E+02	.631E+01	.587E+02	.459E+03
-60.000	-6.34L+03	.998F+00	.254E+04	.809E+06	.399E+07	.504F+02	.633E+01	.590F+02	.389E+03
-65.000	-6.87E+03	.999F+00	.217E+04	.600E+06	.293E+07	.466E+02	.634E+01	.594E+02	.334E+03
-70.000	-7.39E+03	.999F+00	.187E+04	.515E+06	.220E+07	.433E+02	.635E+01	.596E+02	.290E+03
-75.000	-7.92E+03	.999F+00	.164E+04	.421E+06	.168E+07	.405E+02	.636L+01	.594E+02	.254E+03
-80.000	-8.45E+03	.999F+00	.140E+04	.340E+06	.131E+07	.380E+02	.637E+01	.601E+02	.224E+03
-85.000	-8.98E+03	.999F+00	.128E+04	.291E+06	.103E+07	.358E+02	.638E+01	.603E+02	.200E+03
-90.000	-9.51E+03	.999F+00	.114E+04	.240E+06	.826E+08	.330E+02	.638E+01	.604E+02	.179E+03
-95.000	-1.00E+04	.999F+00	.103E+04	.21VE+06	.668E+08	.321F+02	.639E+01	.606E+02	.161E+03
-100.000	-1.06E+04	.999F+00	.928E+05	.18VE+06	.547E+08	.305E+02	.640E+01	.607E+02	.146L+03

ALPHA	AL/LAH	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLY
-0.001	-0.123E+01	-0.564F+00	-0.210E+00	-0.292E-01	-0.542E-01	-0.813F+00	-0.295E+00	-0.182E+01	-0.626E+00
-0.002	-0.245E+01	-0.602F+00	-0.207E+00	-0.407E-01	-0.553E-01	-0.755F+00	-0.434L+00	-0.170E+01	-0.554E+00
-0.003	-0.366E+01	-0.622F+00	-0.201E+00	-0.470E-01	-0.561E-01	-0.720F+00	-0.522E+00	-0.161E+01	-0.515E+00
-0.004	-0.490E+01	-0.631F+00	-0.196E+00	-0.511E-01	-0.566E-01	-0.696E+00	-0.567E+00	-0.153E+01	-0.469E+00
-0.005	-0.613E+01	-0.649F+00	-0.192E+00	-0.540E-01	-0.570E-01	-0.676E+00	-0.640E+00	-0.146E+01	-0.409E+00
-0.006	-0.735E+01	-0.658F+00	-0.187L+00	-0.563E-01	-0.573E-01	-0.660F+00	-0.685E+00	-0.134E+01	-0.453L+00
-0.007	-0.858E+01	-0.667F+00	-0.188E+00	-0.580E-01	-0.576E-01	-0.641E+00	-0.725E+00	-0.133E+01	-0.440E+00
-0.008	-0.980E+01	-0.674F+00	-0.183E+00	-0.594E-01	-0.577E-01	-0.635F+00	-0.760L+00	-0.126E+01	-0.430L+00
-0.009	-0.110L+00	-0.680F+00	-0.180L+00	-0.606E-01	-0.578E-01	-0.624E+00	-0.791E+00	-0.122E+01	-0.420L+00
-0.010	-0.122L+00	-0.686F+00	-0.178E+00	-0.615E-01	-0.579E-01	-0.615F+00	-0.820E+00	-0.117E+01	-0.412L+00
-0.020	-0.245E+00	-0.725F+00	-0.160L+00	-0.657E-01	-0.576E-01	-0.551E+00	-0.103E+01	-0.147E+00	-0.359E+00
-0.030	-0.368E+00	-0.749F+00	-0.147E+00	-0.661E-01	-0.564E-01	-0.513F+00	-0.117E+01	-0.404E+00	-0.331L+00
-0.040	-0.490E+00	-0.766E+00	-0.138E+00	-0.653E-01	-0.549E-01	-0.485E+00	-0.127E+01	-0.114E+00	-0.311L+00
-0.050	-0.613E+00	-0.780F+00	-0.130E+00	-0.641E-01	-0.534E-01	-0.463E+00	-0.157E+01	-0.153E+00	-0.296L+00
-0.060	-0.735E+00	-0.791E+00	-0.124E+00	-0.621E-01	-0.519E-01	-0.444E+00	-0.144E+01	-0.401E+00	-0.284E+00
-0.070	-0.858E+00	-0.800F+00	-0.118E+00	-0.612E-01	-0.504E-01	-0.429E+00	-0.151E+01	-0.357E+00	-0.274E+00
-0.080	-0.980E+00	-0.809F+00	-0.113E+00	-0.596E-01	-0.469E-01	-0.415E+00	-0.158E+01	-0.577E+00	-0.266L+00
-0.090	-0.110L+01	-0.816F+00	-0.108E+00	-0.581E-01	-0.475E-01	-0.403E+00	-0.164E+01	-0.101E+01	-0.258L+00
-0.100	-0.123E+01	-0.822F+00	-0.104E+00	-0.560E-01	-0.462E-01	-0.392F+00	-0.169E+01	-0.128E+01	-0.251E+00
-0.120	-0.245E+01	-0.844F+00	-0.750E-01	-0.439E-01	-0.351E-01	-0.319E+00	-0.210L+01	-0.304E+01	-0.208E+00
-0.150	-0.367E+01	-0.877F+00	-0.597E-01	-0.355U-01	-0.274E-01	-0.275E+00	-0.240E+01	-0.468E+01	-0.183E+00
-0.200	-0.490E+01	-0.903E+00	-0.489E-01	-0.285E-01	-0.218E-01	-0.245E+00	-0.264E+01	-0.613E+01	-0.164E+00
-0.300	-0.613E+01	-0.914F+00	-0.411E-01	-0.237E-01	-0.177E-01	-0.222E+00	-0.284E+01	-0.750E+01	-0.150L+00
-0.400	-0.735E+01	-0.923F+00	-0.352E-01	-0.199E-01	-0.146E-01	-0.203E+00	-0.302E+01	-0.881E+01	-0.138E+00
-0.500	-0.858E+01	-0.930F+00	-0.305E-01	-0.164E-01	-0.122E-01	-0.186E+00	-0.318E+01	-0.101E+02	-0.129E+00
-0.600	-0.980E+01	-0.936F+00	-0.268E-01	-0.146E-01	-0.102E-01	-0.175E+00	-0.332E+01	-0.112E+02	-0.120E+00
-0.700	-0.110E+02	-0.941F+00	-0.238E-01	-0.126E-01	-0.868E-02	-0.164E+00	-0.345E+01	-0.124E+02	-0.112E+00
-0.800	-0.122L+02	-0.945F+00	-0.212E-01	-0.110E-01	-0.743E-02	-0.154E+00	-0.357E+01	-0.135E+02	-0.106L+00
-0.900	-0.245E+02	-0.961F+00	-0.904E-02	-0.579E-02	-0.211E-02	-0.933E-01	-0.440E+01	-0.228E+02	-0.641E+01
-1.000	-0.367E+02	-0.977F+00	-0.508E-02	-0.475E-02	-0.828E-03	-0.727E-01	-0.490E+01	-0.296E+02	-0.436E+01
-1.400	-0.490E+02	-0.982E+00	-0.322E-02	-0.455E-03	-0.392E-03	-0.578E-01	-0.523E+01	-0.348E+02	-0.318E+01
-1.500	-0.613E+02	-0.985F+00	-0.233E-02	-0.376E-03	-0.210E-03	-0.480E-01	-0.547E+01	-0.390E+02	-0.242E+01
-1.600	-0.735E+02	-0.987F+00	-0.164E-02	-0.377E-03	-0.122E-03	-0.410E-01	-0.566E+01	-0.423E+02	-0.191E+01
-1.700	-0.858E+02	-0.989F+00	-0.126E-02	-0.254E-03	-0.762E-04	-0.359E-01	-0.580E+01	-0.451E+02	-0.154E+01
-1.800	-0.980E+02	-0.990F+00	-0.995E-03	-0.186E-03	-0.499E-04	-0.319E-01	-0.591E+01	-0.474E+02	-0.127E+01
-1.900	-0.110E+03	-0.991F+00	-0.807E-03	-0.138E-03	-0.341E-04	-0.286E-01	-0.601E+01	-0.494E+02	-0.107E+01
-20.000	-0.123E+03	-0.992F+00	-0.667E-03	-0.105E-03	-0.241E-04	-0.260E-01	-0.609E+01	-0.511E+02	-0.910E+02
-15.000	-0.184E+03	-0.995F+00	-0.316E-03	-0.557E-04	-0.599E-05	-0.179E-01	-0.635E+01	-0.564E+02	-0.474E+02
-20.000	-0.245E+03	-0.996F+00	-0.184E-03	-0.162E-04	-0.214E-05	-0.130E-01	-0.649E+01	-0.603E+02	-0.290E+02
-25.000	-0.306E+03	-0.997F+00	-0.120E-03	-0.867E-05	-0.946E-06	-0.110E-01	-0.659E+01	-0.620E+02	-0.196E+02
-30.000	-0.367E+03	-0.997F+00	-0.845E-04	-0.517E-05	-0.480E-06	-0.922E-02	-0.605E+01	-0.642E+02	-0.141E+02
-35.000	-0.428E+03	-0.998F+00	-0.627E-04	-0.333E-05	-0.269E-06	-0.794E-02	-0.670E+01	-0.654E+02	-0.106E+02
-40.000	-0.490E+03	-0.998F+00	-0.484E-04	-0.227E-05	-0.162E-06	-0.697E-02	-0.673E+01	-0.663E+02	-0.832E+01
-45.000	-0.551E+03	-0.998F+00	-0.385E-04	-0.161E-05	-0.104E-06	-0.621E-02	-0.676E+01	-0.670E+02	-0.608E+01
-50.000	-0.613E+03	-0.998F+00	-0.313E-04	-0.114E-05	-0.691E-07	-0.560E-02	-0.678E+01	-0.670E+02	-0.548E+01
-55.000	-0.674E+03	-0.998F+00	-0.260E-04	-0.800E-06	-0.479E-07	-0.510E-02	-0.680E+01	-0.681E+02	-0.457E+01
-60.000	-0.735E+03	-0.998F+00	-0.210E-04	-0.698E-06	-0.343E-07	-0.468E-02	-0.682E+01	-0.685E+02	-0.388E+01
-65.000	-0.796E+03	-0.999F+00	-0.167E-04	-0.552E-06	-0.251E-07	-0.433E-02	-0.683E+01	-0.689E+02	-0.333E+01
-70.000	-0.858E+03	-0.999F+00	-0.162E-04	-0.444E-06	-0.189E-07	-0.402E-02	-0.684E+01	-0.692E+02	-0.289E+01
-75.000	-0.919E+03	-0.999F+00	-0.141E-04	-0.365E-06	-0.144E-07	-0.370E-02	-0.685E+01	-0.695E+02	-0.253E+01
-80.000	-0.980E+03	-0.999F+00	-0.124E-04	-0.300E-06	-0.112E-07	-0.355E-02	-0.686E+01	-0.697E+02	-0.223E+01
-85.000	-0.104E+04	-0.999F+00	-0.110E-04	-0.251E-06	-0.885E-08	-0.332E-02	-0.687E+01	-0.699E+02	-0.199E+01
-90.000	-0.110E+04	-0.999F+00	-0.984E-05	-0.212E-06	-0.708E-08	-0.314E-02	-0.688E+01	-0.701E+02	-0.178E+01
-95.000	-0.116E+04	-0.999F+00	-0.880E-05	-0.181E-06	-0.573E-08	-0.298E-02	-0.688L+01	-0.703E+02	-0.160E+01
-100.000	-0.122E+04	-0.999F+00	-0.799L-05	-0.156E-06	-0.469E-08	-0.283E-02	-0.689E+01	-0.704E+02	-0.145E+01

ALPHA	AL/LAH	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARGV
C(1)=1.00000									
-0.001	-0.141E+01	-0.612E+00	-0.208E+00	-0.451E-01	-0.573E-01	-0.46E+00	-0.475E+00	-0.166E+01	-0.551E+00
-0.002	-0.201E+01	-0.643E+00	-0.199E+00	-0.543E-01	-0.567E-01	-0.694E+00	-0.612E+00	-0.151E+01	-0.494E+00
-0.003	-0.242E+01	-0.661E+00	-0.197E+00	-0.584E-01	-0.594E-01	-0.635E+00	-0.700E+00	-0.139E+01	-0.464E+00
-0.004	-0.504E+01	-0.675E+00	-0.187E+00	-0.610E-01	-0.597E-01	-0.641E+00	-0.765E+00	-0.129E+01	-0.443E+00
-0.005	-0.707E+01	-0.686E+00	-0.183E+00	-0.638E-01	-0.602E-01	-0.623E+00	-0.818E+00	-0.119E+01	-0.427E+00
-0.006	-0.847E+01	-0.695E+00	-0.179E+00	-0.653E-01	-0.604E-01	-0.609E+00	-0.863E+00	-0.111E+01	-0.414E+00
-0.007	-0.964E+01	-0.702E+00	-0.175E+00	-0.663E-01	-0.604E-01	-0.590E+00	-0.903E+00	-0.104E+01	-0.404E+00
-0.008	-0.113E+00	-0.709E+00	-0.172E+00	-0.672E-01	-0.605E-01	-0.580E+00	-0.938E+00	-0.960E+00	-0.395E+00
-0.009	-0.127E+00	-0.715E+00	-0.170E+00	-0.678E-01	-0.604E-01	-0.576E+00	-0.970E+00	-0.900E+00	-0.387E+00
-0.010	-0.141E+00	-0.720E+00	-0.167E+00	-0.682E-01	-0.604E-01	-0.566E+00	-0.999E+00	-0.831E+00	-0.380E+00
-0.010	-0.281E+00	-0.756E+00	-0.149E+00	-0.693E-01	-0.590E-01	-0.511E+00	-0.121E+01	-0.527E+00	-0.337E+00
-0.010	-0.422E+00	-0.768E+00	-0.136E+00	-0.680E-01	-0.511E-01	-0.475E+00	-0.155E+01	-0.735E+00	-0.312E+00
-0.010	-0.563E+00	-0.793E+00	-0.127E+00	-0.661E-01	-0.551E-01	-0.449E+00	-0.146E+01	-0.420E+00	-0.295E+00
-0.010	-0.703E+00	-0.805E+00	-0.119E+00	-0.641E-01	-0.532E-01	-0.429E+00	-0.156E+01	-0.732E+00	-0.282E+00
-0.010	-0.844E+00	-0.815E+00	-0.113E+00	-0.621E-01	-0.513E-01	-0.412E+00	-0.164E+01	-0.102E+01	-0.272E+00
-0.010	-0.984E+00	-0.824E+00	-0.107E+00	-0.602E-01	-0.496E-01	-0.396E+00	-0.171E+01	-0.129E+01	-0.263E+00
-0.010	-0.113E+01	-0.831E+00	-0.103E+00	-0.585E-01	-0.479E-01	-0.385E+00	-0.177E+01	-0.155E+01	-0.256E+00
-0.010	-0.127E+01	-0.833E+00	-0.982E-01	-0.565E-01	-0.463E-01	-0.374E+00	-0.184E+01	-0.180E+01	-0.249E+00
-0.100	-0.141E+01	-0.643E+00	-0.943E-01	-0.548E-01	-0.448E-01	-0.364E+00	-0.189E+01	-0.204E+01	-0.243E+00
-0.200	-0.201E+01	-0.680E+00	-0.662E-01	-0.413E-01	-0.332E-01	-0.297E+00	-0.232E+01	-0.413E+01	-0.203E+00
-0.300	-0.422E+01	-0.901E+00	-0.530E-01	-0.325E-01	-0.255E-01	-0.256E+00	-0.263E+01	-0.595E+01	-0.179L+00
-0.400	-0.563E+01	-0.915E+00	-0.436E-01	-0.262E-01	-0.202E-01	-0.228E+00	-0.288E+01	-0.762E+01	-0.162E+00
-0.500	-0.703E+01	-0.925E+00	-0.365E-01	-0.216E-01	-0.162E-01	-0.201E+00	-0.310E+01	-0.919E+01	-0.149L+00
-0.600	-0.844E+01	-0.933E+00	-0.312E-01	-0.181E-01	-0.153E-01	-0.189E+00	-0.328E+01	-0.107E+02	-0.137E+00
-0.700	-0.984E+01	-0.939E+00	-0.270E-01	-0.153E-01	-0.110E-01	-0.175E+00	-0.345E+01	-0.121E+02	-0.128E+00
-0.800	-0.113E+02	-0.944E+00	-0.237E-01	-0.131E-01	-0.925E-02	-0.165E+00	-0.360E+01	-0.135E+02	-0.119E+00
-0.900	-0.127E+02	-0.948E+00	-0.210E-01	-0.114E-01	-0.783E-02	-0.153E+00	-0.374E+01	-0.148E+02	-0.112E+00
-1.000	-0.141E+02	-0.952E+00	-0.187E-01	-0.940E-02	-0.668E-02	-0.144E+00	-0.386E+01	-0.160E+02	-0.105L+00
-2.000	-0.281E+02	-0.972E+00	-0.794E-02	-0.336E-02	-0.187E-02	-0.917E-01	-0.475E+01	-0.266E+02	-0.639L+01
-3.000	-0.422E+02	-0.980E+00	-0.442E-02	-0.155E-02	-0.729E-03	-0.678E-01	-0.527E+01	-0.344E+02	-0.435L+01
-4.000	-0.563E+02	-0.984E+00	-0.282E-02	-0.841E-03	-0.344E-03	-0.539E-01	-0.563L+01	-0.404E+02	-0.317L+01
-5.000	-0.703E+02	-0.987E+00	-0.195E-02	-0.508E-03	-0.184E-03	-0.448E-01	-0.588E+01	-0.451E+02	-0.241L+01
-6.000	-0.844E+02	-0.989E+00	-0.144E-02	-0.330E-03	-0.107E-03	-0.383E-01	-0.607E+01	-0.489E+02	-0.190L+01
-7.000	-0.984E+02	-0.991E+00	-0.110E-02	-0.221E-03	-0.666E-04	-0.335E-01	-0.623E+01	-0.521E+02	-0.154L+01
-8.000	-0.113E+03	-0.992E+00	-0.869E-03	-0.163E-03	-0.456E-04	-0.297E-01	-0.635E+01	-0.547E+02	-0.127L+01
-9.000	-0.127E+03	-0.993E+00	-0.704E-03	-0.121E-03	-0.297E-04	-0.267E-01	-0.645E+01	-0.569E+02	-0.107L+01
-10.000	-0.141E+03	-0.993E+00	-0.582E-03	-0.916E-04	-0.210E-04	-0.243E-01	-0.653E+01	-0.589E+02	-0.908E+02
-15.000	-0.211E+03	-0.995E+00	-0.276E-03	-0.512E-04	-0.521E-05	-0.161E-01	-0.681E+01	-0.655E+02	-0.473E+02
-20.000	-0.281E+03	-0.997E+00	-0.100E-03	-0.141E-04	-0.186E-05	-0.127E-01	-0.696E+01	-0.694E+02	-0.290L+02
-25.000	-0.352E+03	-0.997E+00	-0.105E-03	-0.156E-05	-0.822E-06	-0.105E-01	-0.706E+01	-0.720E+02	-0.195L+02
-30.000	-0.422E+03	-0.998E+00	-0.737E-04	-0.451E-05	-0.417E-06	-0.866E-02	-0.713E+01	-0.738E+02	-0.141E+02
-35.000	-0.492E+03	-0.998E+00	-0.547E-04	-0.290E-05	-0.254E-06	-0.741E-02	-0.718E+01	-0.751E+02	-0.106E+02
-40.000	-0.563E+03	-0.998E+00	-0.422E-04	-0.198E-05	-0.141E-06	-0.651E-02	-0.722E+01	-0.762E+02	-0.829L+03
-45.000	-0.633E+03	-0.998E+00	-0.335E-04	-0.141E-05	-0.899E-07	-0.580E-02	-0.725E+01	-0.770E+02	-0.605L+03
-50.000	-0.703E+03	-0.999E+00	-0.213E-04	-0.104E-05	-0.600E-07	-0.523E-02	-0.727E+01	-0.777E+02	-0.546L+03
-55.000	-0.773E+03	-0.999E+00	-0.226E-04	-0.784E-06	-0.416E-07	-0.476E-02	-0.729E+01	-0.783E+02	-0.456L+03
-60.000	-0.844E+03	-0.999E+00	-0.191E-04	-0.600E-06	-0.297E-07	-0.431E-02	-0.731E+01	-0.801E+02	-0.386L+03
-65.000	-0.914E+03	-0.999E+00	-0.163E-04	-0.481E-06	-0.218E-07	-0.404E-02	-0.732E+01	-0.791E+02	-0.352L+03
-70.000	-0.984E+03	-0.999E+00	-0.141E-04	-0.381E-06	-0.164E-07	-0.376E-02	-0.733E+01	-0.795E+02	-0.288L+03
-75.000	-0.105E+04	-0.999E+00	-0.123E-04	-0.316E-06	-0.125E-07	-0.351E-02	-0.734E+01	-0.798E+02	-0.252L+03
-80.000	-0.113E+04	-0.999E+00	-0.108E-04	-0.262E-06	-0.973E-08	-0.329E-02	-0.735E+01	-0.801E+02	-0.223L+03
-85.000	-0.120E+04	-0.999E+00	-0.960E-05	-0.214E-06	-0.768E-08	-0.310E-02	-0.736E+01	-0.803E+02	-0.198L+03
-90.000	-0.127E+04	-0.999E+00	-0.857E-05	-0.185E-06	-0.614E-08	-0.293E-02	-0.737E+01	-0.805E+02	-0.177L+03
-95.000	-0.134E+04	-0.999E+00	-0.771E-05	-0.158E-06	-0.447E-08	-0.270E-02	-0.738E+01	-0.807E+02	-0.160L+03
-100.000	-0.141E+04	-0.999E+00	-0.696E-05	-0.130E-06	-0.407E-08	-0.264E-02	-0.739E+01	-0.809E+02	-0.145L+03

ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CYLP	CSLP	CKLP	VARLV
-0.001	-0.160E+01	.649E+00	.200E+00	.575E-01	.60AE-01	.684E+00	.642E+00	.149E+01	.496E+00
-0.002	-0.320L+01	.676E+00	.190E+00	.643E-01	.61E-01	.642E+00	.779E+00	.128E+01	.450E+00
-0.003	-0.480E+01	.695E+00	.182E+00	.675E-01	.624E-01	.614E+00	.806E+00	.113E+01	.425E+00
-0.004	-0.640E+01	.708E+00	.177E+00	.693E-01	.626E-01	.594E+00	.932E+00	.996E+00	.408E+00
-0.005	-0.800E+01	.718E+00	.172E+00	.704E-01	.627L-01	.578E+00	.906E+00	.887E+00	.395E+00
-0.006	-0.960E+01	.726E+00	.168E+00	.712E-01	.626E-01	.565E+00	.103E+01	.788E+00	.385E+00
-0.007	-0.112E+00	.735E+00	.165E+00	.716E-01	.625E-01	.554E+00	.107E+01	.697E+00	.376E+00
-0.008	-0.128E+00	.739E+00	.162E+00	.719E-01	.624E-01	.544E+00	.111E+01	.615E+00	.368E+00
-0.009	-0.144E+00	.745E+00	.159E+00	.721E-01	.622E-01	.535E+00	.114L+01	.534E+00	.362E+00
-0.010	-0.160E+00	.749E+00	.156E+00	.722E-01	.620E-01	.527E+00	.117E+01	.460E+00	.356E+00
-0.020	-0.320E+00	.742E+00	.138E+00	.707E-01	.595E-01	.474E+00	.158E+01	.139E+00	.319E+00
-0.030	-0.480E+00	.802E+00	.126E+00	.682E-01	.569E-01	.442E+00	.153E+01	.604E+00	.248E+00
-0.040	-0.640E+00	.816E+00	.117E+00	.655E-01	.545E-01	.419E+00	.164E+01	.100E+01	.205E+00
-0.050	-0.800E+00	.827E+00	.109E+00	.629E-01	.522E-01	.400E+00	.174E+01	.136E+01	.272E+00
-0.060	-0.960E+00	.836E+00	.103E+00	.605E-01	.501E-01	.385E+00	.182E+01	.170E+01	.262E+00
-0.070	-0.112E+01	.843E+00	.981E+00	.583E-01	.482E-01	.371E+00	.190E+01	.201E+01	.254E+00
-0.080	-0.128E+01	.850E+00	.935E+00	.562E-01	.464E-01	.360E+00	.197E+01	.230E+01	.248E+00
-0.090	-0.144E+01	.856E+00	.894E+00	.542E-01	.447E-01	.349E+00	.203E+01	.254E+01	.242E+00
-0.100	-0.160E+01	.861E+00	.857E+00	.524E-01	.431E-01	.344E+00	.209E+01	.286E+01	.236E+00
-0.200	-0.320E+01	.894E+00	.615E+01	.587E-01	.312E-01	.277E+00	.254E+01	.525E+01	.199E+00
-0.300	-0.480E+01	.912E+00	.479E+01	.500E-01	.237E-01	.240E+00	.266E+01	.732E+01	.117E+00
-0.400	-0.640E+01	.925E+00	.390E+01	.491E-01	.186E-01	.214E+00	.312E+01	.921E+01	.160E+00
-0.500	-0.800E+01	.934E+00	.326E+01	.477E-01	.149E-01	.193E+00	.335E+01	.110E+02	.147E+00
-0.600	-0.960E+01	.941E+00	.278E+01	.464E-01	.121E-01	.177E+00	.354E+01	.127E+02	.136E+00
-0.700	-0.112E+02	.946E+00	.241E+01	.439E-01	.100E+01	.164E+00	.372E+01	.143E+02	.127E+00
-0.800	-0.128E+02	.951E+00	.211E+01	.419E-01	.838E-02	.155E+00	.388E+01	.150E+02	.118E+00
-0.900	-0.144E+02	.954E+00	.187E+01	.402E-01	.708E-02	.145E+00	.402E+01	.173E+02	.111L+00
-1.000	-0.160E+02	.958E+00	.166E+01	.392E-02	.603E-02	.135E+00	.416E+01	.186E+02	.105E+00
-2.000	-0.320E+02	.975E+00	.702E+02	.300E-02	.166E-02	.660E+01	.509E+01	.307E+02	.637E+01
-3.000	-0.480E+02	.982E+00	.390E+02	.137E+02	.647E-03	.636E+01	.564E+01	.596E+02	.435E+01
-4.000	-0.640E+02	.986E+00	.248E+02	.745E+03	.304E+03	.505E+01	.602E+01	.463E+02	.316E+01
-5.000	-0.800E+02	.989E+00	.172E+02	.484E+03	.162E+03	.420E+01	.629E+01	.517E+02	.241E+01
-6.000	-0.960E+02	.990E+00	.126E+02	.292E+03	.943E+04	.359E+01	.649L+01	.560E+02	.190L+01
-7.000	-0.112E+03	.992E+00	.96AE+03	.200E+03	.586E+04	.314E+01	.665E+01	.595E+02	.154E+01
-8.000	-0.128E+03	.993E+00	.765E+03	.144E+03	.384E+04	.279F+01	.67AE+01	.625E+02	.127E+01
-9.000	-0.144E+03	.993E+00	.620E+03	.106E+03	.262E+04	.251E+01	.689E+01	.650E+02	.106E+01
-10.000	-0.160E+03	.994E+00	.513E+03	.71VE+04	.165E+04	.228E+01	.698E+01	.672E+02	.906E+02
-15.000	-0.240E+03	.996E+00	.243E+03	.275E+04	.458E+05	.150E+01	.727E+01	.74E+02	.472E+02
-20.000	-0.320E+03	.997E+00	.141E+03	.124E+04	.163E+05	.119E+01	.743E+01	.791E+02	.289E+02
-25.000	-0.400E+03	.998E+00	.921E+04	.666E+05	.721E+06	.962E+02	.754E+01	.820E+02	.195E+02
-30.000	-0.480E+03	.998E+00	.648E+04	.397E+05	.366E+06	.80E+02	.761E+01	.844E+02	.140E+02
-35.000	-0.560E+03	.998E+00	.481E+04	.255E+05	.205E+06	.695E+02	.766E+01	.856E+02	.106E+02
-40.000	-0.640E+03	.998E+00	.371E+04	.174E+05	.123E+06	.61VE+02	.770E+01	.868E+02	.827E+03
-45.000	-0.720E+03	.999E+00	.295E+04	.124E+05	.787L+07	.544E+02	.773E+01	.877E+02	.664E+03
-50.000	-0.800E+03	.999E+00	.240E+04	.911E+06	.526E+07	.490E+02	.776E+01	.885E+02	.544E+03
-55.000	-0.880E+03	.999E+00	.199E+04	.690E+06	.364E+07	.446E+02	.777E+01	.891E+02	.455E+03
-60.000	-0.960E+03	.994E+00	.168E+04	.535E+06	.260E+07	.410E+02	.780E+01	.896E+02	.385E+03
-65.000	-0.104E+04	.994E+00	.143E+04	.423E+06	.191E+07	.379E+02	.781E+01	.901E+02	.331E+03
-70.000	-0.112E+04	.994E+00	.124E+04	.341E+06	.143E+07	.352E+02	.782L+01	.905E+02	.287E+03
-75.000	-0.120E+04	.994E+00	.108E+04	.278E+06	.110E+07	.329F+02	.784E+01	.908E+02	.251E+03
-80.000	-0.128E+04	.994E+00	.951E+05	.230E+06	.857E+08	.304E+02	.785E+01	.912E+02	.222E+03
-85.000	-0.136E+04	.994E+00	.844E+05	.193E+06	.672E+08	.291E+02	.785L+01	.914E+02	.198E+03
-90.000	-0.144E+04	.999E+00	.754E+05	.163E+06	.538E+08	.275E+02	.766E+01	.917E+02	.177E+03
-95.000	-0.152E+04	.999E+00	.677L+05	.134E+06	.435E+08	.260F+02	.787E+01	.919E+02	.159E+03
-100.000	-0.160E+04	.994E+00	.612E+05	.114E+06	.354E+08	.246F+02	.788E+01	.921E+02	.144E+03

		C(1)=1.00000	C81=-8.50	ALBIA= .06					
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
- .001	- .101E-01	.682E+00	.191E+00	= .667E-01	.635E-01	.691E+00	= .798E+00	= .126E+01	.455E+00
- .002	- .361E-01	.709E+00	.180E+00	= .713E-01	.644E-01	.598E+00	= .936E+00	= .101E+01	.417E+00
- .003	- .542E-01	.725E+00	.172E+00	= .732E-01	.646E-01	.572E+00	= .102E+01	= .822E+00	.396E+00
- .004	- .722E-01	.736E+00	.166E+00	= .741E-01	.647E-01	.554E+00	= .109E+01	= .671E+00	.382E+00
- .005	- .903E-01	.746E+00	.162E+00	= .745E-01	.643E-01	.539E+00	= .115E+01	= .540E+00	.371E+00
- .006	- .108E+00	.753E+00	.158E+00	= .746E-01	.641E-01	.527E+00	= .119E+01	= .424E+00	.362E+00
- .007	- .126E+00	.760E+00	.154E+00	= .746E-01	.638E-01	.517E+00	= .123E+01	= .318E+00	.354E+00
- .008	- .144E+00	.765E+00	.151E+00	= .745E-01	.635E-01	.508E+00	= .127E+01	= .220E+00	.344E+00
- .009	- .163E+00	.770E+00	.148E+00	= .743E-01	.631E-01	.500E+00	= .130E+01	= .126E+00	.342E+00
- .010	- .181E+00	.775E+00	.146E+00	= .740E-01	.628E-01	.493E+00	= .133E+01	= .424E+01	.337E+00
- .012	- .361E+00	.804E+00	.127E+00	= .706E-01	.593E-01	.484E+00	= .155E+01	.647E+00	.305E+00
- .030	- .542E+00	.822E+00	.116E+00	= .671E-01	.561E-01	.414E+00	= .170E+01	.318E+01	.286E+00
- .040	- .723E+00	.835E+00	.107E+00	= .639E-01	.533E-01	.392E+00	= .182E+01	.164E+01	.273E+00
- .050	- .903E+00	.845E+00	.100E+00	= .610E-01	.504E-01	.375E+00	= .192E+01	.203E+01	.263E+00
- .060	- .108E+01	.853E+00	.946E-01	= .583E-01	.485E-01	.361E+00	= .200E+01	.242E+01	.255E+00
- .070	- .126E+01	.860E+00	.896E-01	= .559E-01	.464E-01	.348E+00	= .208E+01	.278E+01	.247E+00
- .080	- .145E+01	.866E+00	.853E-01	= .537E-01	.445E-01	.337E+00	= .215E+01	.311E+01	.241E+00
- .090	- .163E+01	.871E+00	.815E-01	= .516E-01	.427E-01	.320E+00	= .222E+01	.345E+01	.236E+00
- .100	- .181E+01	.876E+00	.781E-01	= .497E-01	.411E-01	.319E+00	= .228E+01	.374E+01	.231E+00
- .200	- .361E+01	.890E+00	.556E-01	= .360E-01	.292E-01	.260E+00	= .275E+01	.644E+01	.196E+00
- .300	- .542E+01	.922E+00	.432E-01	= .277E-01	.220E-01	.225E+00	= .309E+01	.877E+01	.175E+00
- .400	- .722E+01	.935E+00	.351E-01	= .221E-01	.171E-01	.201E+00	= .335E+01	.109E+02	.159E+00
- .500	- .903E+01	.941E+00	.293E-01	= .180E-01	.137L-01	.182E+00	= .360E+01	.124E+02	.146E+00
- .600	- .108E+02	.947E+00	.249E-01	= .150E-01	.111E-01	.167E+00	= .380E+01	.146E+02	.135E+00
- .700	- .126E+02	.952E+00	.216E-01	= .126E-01	.913E-02	.154E+00	= .399E+01	.166E+02	.126E+00
- .800	- .144E+02	.956E+00	.189E-01	= .108E-01	.762E-02	.144E+00	= .415E+01	.184E+02	.118E+00
- .900	- .163E+02	.959E+00	.167E-01	= .928E-02	.642E-02	.135E+00	= .431E+01	.201E+02	.111E+00
-1.000	- .181E+02	.962E+00	.149E-01	= .808E-02	.545E-02	.127E+00	= .445E+01	.217E+02	.104E+00
-2.000	- .361E+02	.978E+00	.625E-02	= .269E-02	.149E-02	.809E-01	= .543E+01	.351E+02	.636E+01
-3.000	- .542E+02	.984E+00	.347E-02	= .125E-02	.577E-03	.598E-01	= .601E+01	.450E+02	.454E+01
-4.000	- .722E+02	.988E+00	.221E-02	= .664E-03	.271E-03	.476E-01	= .641E+01	.520E+02	.316E+01
-5.000	- .903E+02	.990E+00	.153E-02	= .400E-03	.144E-03	.395E-01	= .669E+01	.580E+02	.241E+01
-6.000	- .108E+03	.992E+00	.112E-02	= .260E-03	.838E-04	.338E-01	= .691E+01	.635E+02	.190E+01
-7.000	- .126E+03	.993E+00	.859E-03	= .178E-03	.520E-04	.295E-01	= .708E+01	.674E+02	.153E+01
-8.000	- .144E+03	.994E+00	.679E-03	= .128E-03	.340E-04	.262E-01	= .721E+01	.708E+02	.127E+01
-9.000	- .163E+03	.994E+00	.550E-03	= .945E-04	.252E-04	.236E-01	= .733E+01	.736E+02	.106E+01
-10.000	- .181E+03	.995E+00	.455E-03	= .720E-04	.164E-04	.214E-01	= .742E+01	.761E+02	.904E+02
-15.000	- .271E+03	.996E+00	.215E-03	= .244E-04	.405E-05	.147E-01	= .773E+01	.845E+02	.471E+02
-20.000	- .361E+03	.997E+00	.125E-03	= .110E-04	.144E-05	.112E-01	= .790E+01	.894E+02	.288E+02
-25.000	- .452E+03	.998E+00	.816E-04	= .591E-05	.657E-06	.905E-02	= .801E+01	.921E+02	.195E+02
-30.000	- .542E+03	.998E+00	.574E-04	= .352E-05	.323E-06	.759E-02	= .809E+01	.950E+02	.140E+02
-35.000	- .632E+03	.998E+00	.426E-04	= .220E-05	.181E-06	.654E-02	= .814E+01	.967E+02	.104E+02
-40.000	- .722E+03	.998E+00	.329E-04	= .154E-05	.105E-06	.574E-02	= .818E+01	.980E+02	.825E+02
-45.000	- .813E+03	.999E+00	.261E-04	= .110E-05	.646E-07	.512E-02	= .822E+01	.991E+02	.662E+02
-50.000	- .903E+03	.999E+00	.212E-04	= .607E-06	.464E-07	.461E-02	= .824E+01	.999E+02	.543E+02
-55.000	- .994E+03	.999E+00	.176E-04	= .611E-06	.327E-07	.420E-02	= .827E+01	.101E+03	.454E+02
-60.000	- .109E+04	.999E+00	.149E-04	= .474E-06	.230E-07	.386E-02	= .828E+01	.101E+03	.385E+02
-65.000	- .117E+04	.999E+00	.127E-04	= .375E-06	.169E-07	.357E-02	= .830E+01	.102E+03	.350E+02
-70.000	- .126E+04	.999E+00	.110E-04	= .302E-06	.127E-07	.331E-02	= .831E+01	.102E+03	.286E+02
-75.000	- .135E+04	.999E+00	.957E-05	= .241E-06	.967E-08	.314E-02	= .833E+01	.103E+03	.251E+02
-80.000	- .144E+04	.999E+00	.843E-05	= .204E-06	.752E-08	.290E-02	= .834E+01	.103E+03	.222E+02
-85.000	- .154E+04	.999E+00	.748E-05	= .171E-06	.594E-08	.274E-02	= .835E+01	.103E+03	.197E+02
-90.000	- .163E+04	.999E+00	.668E-05	= .144E-06	.475E-08	.259E-02	= .835E+01	.104E+03	.177E+02
-95.000	- .172E+04	.999E+00	.607E-05	= .123E-06	.384E-08	.245E-02	= .836E+01	.104E+03	.159E+02
-100.000	- .181E+04	.999E+00	.542E-05	= .106E-06	.314E-08	.233E-02	= .837E+01	.104E+03	.144E+02

		C(I)=1.00000	CII=4.00	ALBIA= .05					
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	EVLP	CSLP	CRLP	VARLY
-0.001	-0.202E+01	.711F+00	.152E+00	-0.732E-01	.667E+01	.599E+00	-0.946E+00	-0.999E+00	.423E+00
-0.002	-0.405E+01	.736F+00	.170E+00	-0.754E-01	.663E+01	.560E+00	-0.109E+01	-0.999E+00	.391E+00
-0.003	-0.607E+01	.750F+00	.162E+00	-0.766E-01	.661E+01	.530E+00	-0.117E+01	-0.984E+00	.373E+00
-0.004	-0.810E+01	.761F+00	.156E+00	-0.767E-01	.657E+01	.519E+00	-0.124E+01	-0.304E+00	.361E+00
-0.005	-0.101E+00	.770E+00	.152E+00	-0.765E-01	.652E+01	.500E+00	-0.130E+01	-0.158E+00	.351E+00
-0.006	-0.121E+00	.777E+00	.149E+00	-0.762E-01	.648E+01	.495E+00	-0.135E+01	-0.245E+01	.343E+00
-0.007	-0.142E+00	.782F+00	.144E+00	-0.758E-01	.643E+01	.485E+00	-0.139E+01	-0.971E-01	.337E+00
-0.008	-0.162E+00	.788F+00	.141E+00	-0.754E-01	.638E+01	.477E+00	-0.142E+01	-0.209E+00	.331E+00
-0.009	-0.182E+00	.792F+00	.138E+00	-0.749E-01	.633E+01	.469E+00	-0.146E+01	-0.514E+00	.327E+00
-0.010	-0.202E+00	.796F+00	.136E+00	-0.744E-01	.628E+01	.465F+00	-0.149E+01	-0.412E+00	.322E+00
-0.020	-0.405E+00	.624F+00	.118E+00	-0.695E-01	.564E+01	.417F+00	-0.171E+01	-0.120E+01	.294E+00
-0.030	-0.607E+00	.640F+00	.107E+00	-0.653E-01	.548E+01	.384E+00	-0.167E+01	-0.180E+01	.277E+00
-0.040	-0.810E+00	.651F+00	.987E-01	-0.611E-01	.517E+01	.364E+00	-0.199E+01	-0.231E+01	.265E+00
-0.050	-0.101E+01	.660F+00	.921E-01	-0.585E-01	.490E+01	.353E+00	-0.209E+01	-0.270E+01	.256E+00
-0.060	-0.121E+01	.668F+00	.867E-01	-0.557E-01	.466E+01	.334E+00	-0.218E+01	-0.320E+01	.248E+00
-0.070	-0.142E+01	.674F+00	.821E-01	-0.532E-01	.445E+01	.326E+00	-0.226E+01	-0.360E+01	.242E+00
-0.080	-0.162E+01	.679F+00	.781E-01	-0.509E-01	.425E+01	.318E+00	-0.234E+01	-0.398E+01	.236E+00
-0.090	-0.182E+01	.684F+00	.745E-01	-0.489E-01	.407E+01	.304E+00	-0.240E+01	-0.434E+01	.231E+00
-0.100	-0.202E+01	.688F+00	.713E-01	-0.470E-01	.391E+01	.301E+00	-0.247E+01	-0.469E+01	.226E+00
-0.200	-0.405E+01	.915F+00	.505E-01	-0.375E-01	.273E+01	.240E+00	-0.295E+01	-0.771E+01	.194E+00
-0.300	-0.607E+01	.930F+00	.391E-01	-0.256E-01	.204E+01	.213E+00	-0.331E+01	-0.103E+02	.173E+00
-0.400	-0.810E+01	.940F+00	.317E-01	-0.203E-01	.158E+01	.184E+00	-0.360E+01	-0.127E+02	.158E+00
-0.500	-0.101E+02	.947F+00	.264E-01	-0.165E-01	.125E+01	.172E+00	-0.384E+01	-0.150E+02	.145E+00
-0.600	-0.121E+02	.953F+00	.225E-01	-0.137E-01	.101E+01	.157E+00	-0.406E+01	-0.171E+02	.135E+00
-0.700	-0.142E+02	.957F+00	.194E-01	-0.115F-01	.834E-02	.146E+00	-0.425E+01	-0.191E+02	.125E+00
-0.800	-0.162E+02	.961F+00	.170E-01	-0.979E-02	.694E-02	.136E+00	-0.443E+01	-0.211E+02	.117E+00
-0.900	-0.182E+02	.964F+00	.150E-01	-0.842E-02	.584E-02	.127E+00	-0.459E+01	-0.229E+02	.110E+00
-1.000	-0.202E+02	.966E+00	.134E-01	-0.731E-02	.495E-02	.120E+00	-0.473E+01	-0.247E+02	.104E+00
-2.000	-0.405E+02	.980E+00	.560E-02	-0.242E-02	.134E-02	.764E+01	-0.577E+01	-0.395E+02	.635E+01
-3.000	-0.607E+02	.986E+00	.310E-02	-0.110E-02	.518E-03	.565E+01	-0.638E+01	-0.508E+02	.433E+01
-4.000	-0.810E+02	.989E+00	.197E-02	-0.906E-03	.243E-03	.449E+01	-0.660E+01	-0.593E+02	.316E+01
-5.000	-0.101E+03	.991F+00	.137E-02	-0.359E-03	.129E-03	.373E+01	-0.710E+01	-0.660E+02	.240E+01
-6.000	-0.121E+03	.992E+00	.100E-02	-0.233E-03	.749E-04	.319E+01	-0.732E+01	-0.714E+02	.189E+01
-7.000	-0.142E+03	.993E+00	.768E-03	-0.160E-03	.465E-04	.279E+01	-0.750E+01	-0.759E+02	.153E+01
-8.000	-0.162E+03	.994E+00	.607E-03	-0.114E-03	.304E-04	.248E+01	-0.765E+01	-0.796E+02	.126E+01
-9.000	-0.182E+03	.995E+00	.491E-03	-0.646E-04	.207E-04	.223E+01	-0.771E+01	-0.826E+02	.106E+01
-10.000	-0.202E+03	.995F+00	.406E-03	-0.643E-04	.146E-04	.202E+01	-0.786E+01	-0.855E+02	.903E+02
-15.000	-0.304E+03	.997F+00	.192E-03	-0.218E-04	.361E-05	.139E+01	-0.819E+01	-0.949E+02	.470E+02
-20.000	-0.405E+03	.998E+00	.112E-03	-0.986E-05	.129E-05	.106E+01	-0.837E+01	-0.100E+03	.288E+02
-25.000	-0.506E+03	.998F+00	.728E-04	-0.527E-05	.567E-06	.855E-02	-0.848E+01	-0.104E+03	.194E+02
-30.000	-0.607E+03	.998E+00	.512E-04	-0.314E-05	.208E-06	.717E-02	-0.856E+01	-0.107E+03	.140E+02
-35.000	-0.709E+03	.999F+00	.380E-04	-0.202E-05	.161E-06	.617E-02	-0.862E+01	-0.108E+03	.105E+02
-40.000	-0.810E+03	.999F+00	.243E-04	-0.138E-05	.971E-07	.542E-02	-0.867E+01	-0.110E+03	.824E+03
-45.000	-0.911E+03	.999E+00	.253E-04	-0.978E-06	.619E-07	.483E-02	-0.870E+01	-0.111E+03	.661E+03
-50.000	-0.101E+04	.999F+00	.190E-04	-0.720E-06	.413E-07	.430E-02	-0.873E+01	-0.112E+03	.542E+03
-55.000	-0.111E+04	.999E+00	.157E-04	-0.546E-06	.286E-07	.397E-02	-0.875E+01	-0.113E+03	.453E+03
-60.000	-0.121E+04	.999F+00	.133E-04	-0.423E-06	.205E-07	.364E-02	-0.877E+01	-0.114E+03	.388E+03
-65.000	-0.132E+04	.999F+00	.113E-04	-0.335E-06	.150E-07	.337E-02	-0.879E+01	-0.114E+03	.329E+03
-70.000	-0.142E+04	.999E+00	.97AE-05	-0.269E-06	.113E-07	.313E-02	-0.880E+01	-0.115E+03	.266E+03
-75.000	-0.152E+04	.999F+00	.854E-05	-0.220E-06	.801E-08	.292E-02	-0.882E+01	-0.115E+03	.250E+03
-80.000	-0.162E+04	.999F+00	.752E-05	-0.182E-06	.669E-08	.274E-02	-0.883E+01	-0.115E+03	.221E+03
-85.000	-0.172E+04	.999F+00	.667E-05	-0.152E-06	.528E-08	.258E-02	-0.884E+01	-0.116E+03	.197E+03
-90.000	-0.182E+04	.999E+00	.596E-05	-0.124E-06	.423E-08	.244E-02	-0.885E+01	-0.116E+03	.176E+03
-95.000	-0.192E+04	.999E+00	.535L-05	-0.110E-06	.342E-08	.231E-02	-0.885E+01	-0.116E+03	.159E+03
-100.000	-0.202E+04	.999F+00	.484E-05	-0.945E-07	.280E-08	.220E-02	-0.886E+01	-0.117E+03	.144E+03

D

$\alpha < 0$, logarithme décimal

		C(1)=2,30259		CSI= .20		ALBDA=100,00			
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
.020	.200E+03	.371E+06	.389E+56	.111E+253	.301E+06	.195E+89	.455E+01	.252E+01	RKRHR
.030	.300E+03	.808E+189	.128E+218	.389E+230	.139E+248	.421E+80	.855E+92	.655E+189	RKRHR
.040	.400E+03	.172E+176	.321E+206	.105E+223	.389E+256	.328E+74	.579E+86	.379E+177	RKRHR
.050	.500E+03	.553E+161	.127E+196	.447E+214	.172E+226	.645E+69	.908E+61	.107E+168	.111E+305
.060	.600E+03	.209E+159	.846E+189	.321E+206	.128E+218	.972E+65	.130E+78	.177E+160	.419E+289
.070	.700E+03	.972E+153	.339E+182	.137E+199	.567E+217	.599E+62	.697E+74	.494E+153	.443E+276
.080	.800E+03	.402E+147	.117E+176	.750E+194	.321E+206	.103E+60	.105E+72	.108E+148	.208E+265
.090	.900E+03	.345E+142	.162E+171	.048E+189	.375E+201	.391E+57	.346E+69	.114E+143	.455E+255
.100	.100E+02	.855E+138	.553E+167	.27E+184	.127E+196	.275E+55	.213E+67	.415E+138	.785E+246
.200	.200E+02	.184E+109	.855E+138	.851E+155	.553E+167	.503E+41	.108E+53	.755E+109	.479E+190
.300	.300E+02	.146E+93	.443E+121	.855E+138	.781E+150	.142E+34	.916E+44	.397E+93	.200E+159
.400	.400E+02	.107E+82	.184E+109	.672E+126	.855E+138	.12E+29	.270E+39	.253E+82	.102E+158
.500	.500E+02	.138E+74	.125E+100	.848E+117	.149E+128	.255E+25	.192E+35	.959E+73	.156E+122
.600	.600E+02	.344E+66	.148E+93	.184E+109	.443E+121	.354E+22	.102E+32	.201E+67	.631E+109
.700	.700E+02	.576E+63	.110E+87	.242E+103	.796E+115	.182E+20	.211E+29	.663E+61	.548E+99
.800	.800E+02	.137E+58	.107E+82	.413E+98	.164E+109	.230E+18	.119E+27	.161E+57	.229E+91
.900	.900E+02	.748E+55	.227E+76	.148E+93	.866E+105	.630E+16	.142E+25	.179E+53	.178E+84
-1.000	.100E+01	.130E+51	.138E+74	.157E+89	.125E+100	.280E+15	.304E+23	.651E+49	.133E+78
-2.000	.200E+01	.531E+33	.130E+51	.134E+64	.138E+74	.212E+08	.900E+13	.816E+29	.921E+43
-3.000	.300E+01	.183E+24	.399E+40	.130E+51	.109E+60	.345E+05	.516E+09	.681E+20	.204E+29
-4.000	.400E+01	.180E+19	.537E+33	.271E+43	.130E+51	.129E+04	.217E+07	.451E+15	.108E+21
-5.000	.500E+01	.354E+16	.443E+28	.200E+37	.433E+45	.180E+05	.699E+05	.221E+12	.195E+16
-6.000	.600E+01	.783E+14	.183E+24	.537E+33	.399E+40	.547E+02	.664E+04	.119E+10	.807E+12
-7.000	.700E+01	.446E+12	.111E+21	.153E+29	.339E+36	.230E+02	.131E+04	.277E+08	.384E+10
-8.000	.800E+01	.103E+10	.178E+19	.928E+27	.557E+33	.129E+02	.389E+03	.169E+07	.696E+08
-9.000	.900E+01	.126E+09	.112E+17	.183E+24	.247E+30	.827E+01	.155E+03	.196E+06	.330E+07
-10.000	.100E+00	.100E+08	.344E+16	.154E+22	.442E+28	.586E+01	.704E+02	.375E+05	.307E+06
-15.000	.150E+00	.678E+06	.196E+11	.315E+16	.153E+20	.223E+01	.115E+02	.390E+03	.392E+03
-20.000	.200E+00	.185E+04	.658E+09	.875E+13	.275E+16	.139E+01	.518E+01	.604E+02	.199E+02
-25.000	.250E+00	.149E+05	.232E+07	.117E+10	.133E+13	.102E+01	.331E+01	.210E+02	.377E+01
-30.000	.300E+00	.014E+05	.251E+06	.301E+09	.891E+12	.815E+00	.245E+01	.112E+02	.131E+01
-35.000	.350E+00	.171E+02	.136E+05	.500E+08	.181E+10	.682E+00	.194E+01	.680E+01	.623E+00
-40.000	.400E+00	.371E+02	.475E+05	.167E+07	.171E+09	.586E+00	.161E+01	.457E+01	.359E+00
-45.000	.450E+00	.681E+02	.124E+04	.601E+07	.963E+09	.517E+00	.138E+01	.527E+01	.234E+00
-50.000	.500E+00	.111E+01	.263E+04	.162E+06	.377E+08	.463E+00	.120E+01	.244E+01	.165E+00
-55.000	.550E+00	.166E+01	.480E+04	.353E+06	.113E+07	.419E+00	.106E+01	.180E+01	.123E+00
-60.000	.600E+00	.231E+01	.785E+04	.654E+06	.276E+07	.383E+00	.948E+00	.140E+01	.959E+01
-65.000	.650E+00	.308E+01	.118E+03	.109E+05	.580E+07	.352E+00	.855E+00	.119E+01	.771E+01
-70.000	.700E+00	.393E+01	.165E+03	.165E+05	.108E+06	.321E+00	.776E+00	.969E+00	.636E+01
-75.000	.750E+00	.486E+01	.219E+03	.230E+05	.183E+06	.305E+00	.709E+00	.797E+00	.535E+01
-80.000	.800E+00	.586E+01	.279E+03	.304E+05	.266E+06	.285E+00	.651E+00	.662E+00	.457E+01
-85.000	.850E+00	.691E+01	.344E+03	.382E+05	.420E+06	.268E+00	.600E+00	.554E+00	.396E+01
-90.000	.900E+00	.800E+01	.411E+03	.462E+05	.584E+06	.253E+00	.555E+00	.460E+00	.347E+01
-95.000	.950E+00	.912E+01	.479E+03	.540E+05	.779E+06	.240E+00	.515E+00	.394E+00	.307E+01
-100.000	.100E+01	.103F+00	.548E+03	.614E+05	.100E+05	.228E+00	.479E+00	.334E+00	.274E+01

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLM	CSLP	CALM	VARLV
-0.001	-225E-04	.363-149	.153-162	.229-170	.643-176	.108E+69	.383E+74	.274+150	.747+285
-0.002	-450E-04	.652-136	.363-149	.545-157	.153-162	.224E+62	.788E+67	.116+137	.145+259
-0.003	-675E-04	.560-128	.241-141	.363-149	.102-154	.277F+58	.970E+63	.176+129	.337+243
-0.004	-900E-04	.190-122	.852-136	.129-143	.363-149	.470E+55	.164E+61	.500+123	.216+232
-0.005	-112E-03	.391-118	.171-131	.260-139	.733-145	.335E+53	.116E+59	.250+119	.701+223
-0.006	-135E-03	.177-114	.560-128	.852-136	.241-141	.691E+51	.203E+57	.757+115	.611+216
-0.007	-157E-03	.117-111	.524-125	.800-133	.227-138	.195F+50	.666E+55	.824+112	.784+210
-0.008	-180E-03	.435-109	.196-122	.304-130	.852-136	.102E+49	.345E+54	.221+140	.513+205
-0.009	-202E-03	.801-107	.365-120	.560-128	.159-133	.154E+47	.254E+53	.120+108	.170+201
-0.010	-225E-03	.849-105	.391-118	.602-126	.171-131	.130F+46	.247L+52	.112+106	.152+197
-0.020	-450E-03	.166F-91	.849-105	.135-112	.391-118	.174E+40	.546E+45	.542E+92	.908+170
-0.030	-675E-03	.929F-84	.517E-97	.849-105	.249-110	.245E+36	.722E+41	.933E+84	.140+155
-0.040	-900E-03	.274F-78	.168E-91	.284E-99	.849-105	.472E+33	.131E+39	.302E+79	.168+144
-0.050	-112E-02	.461F-74	.309E-87	.541E-95	.160E-100	.382E+31	.945E+36	.172E+75	.625+135
-0.060	-135E-02	.126F-70	.929E-84	.160E-91	.517E-97	.765E+29	.187E+35	.599E+71	.875+128
-0.070	-157E-02	.987F-68	.798E-81	.149E-88	.466E-94	.286E+28	.659E+33	.731E+68	.150+123
-0.080	-180E-02	.510F-65	.274E-78	.526E-86	.168E-91	.169E+27	.367E+32	.223E+66	.160+118
-0.090	-202E-02	.482F-63	.469E-76	.929E-84	.300E-89	.142E+26	.790E+31	.137E+64	.669+113
-0.100	-225E-02	.433F-61	.461E-74	.942E-82	.349E-87	.157E+25	.302E+30	.146E+62	.895+109
-0.120	-450E-02	.169F-88	.433E-61	.120E-68	.461E-74	.125E+19	.133E+24	.246E+49	.928E+64
-0.130	-675E-02	.199F-41	.116E-53	.433E-61	.193E-66	.502F+15	.346E+20	.143E+42	.105E+71
-0.140	-900E-02	.133F-36	.169E-48	.838E-56	.433E-61	.310E+13	.120E+19	.151E+37	.362E+61
-0.150	-112E-01	.530E-33	.142E-44	.929E-52	.554E-57	.704E+11	.173E+16	.273E+33	.355E+54
-0.160	-135E-01	.373F-30	.199E-41	.169E-48	.116E-53	.578E+10	.604E+14	.294E+30	.105E+49
-0.170	-157E-01	.702E-28	.807E-39	.888E-46	.700E-51	.363E+09	.388E+13	.108E+28	.354E+44
-0.180	-180E-01	.089F-26	.133E-36	.186E-43	.169L-48	.529E+08	.388E+12	.958E+25	.670E+40
-0.190	-202E-01	.316F-24	.110E-34	.199E-41	.204E-46	.105F+08	.542E+11	.161E+24	.463E+37
-1.000	-225E-01	.871E-23	.536E-33	.122E-39	.142E-44	.260E+07	.983E+10	.495E+22	.876E+34
-2.000	-450E-01	.163E-14	.871E-23	.147E-28	.536E-33	.181E+04	.572E+06	.708E+13	.576E+19
-3.000	-675E-01	.101E-10	.111E-17	.871E-23	.806E-27	.104E+03	.745E+04	.655E+09	.176E+13
-4.000	-900E-01	.168F-08	.163E-14	.435E-19	.871E-23	.241E+02	.657E+03	.327E+07	.466E+09
-5.000	-112E+00	.488E-07	.248E-12	.178E-16	.689E-20	.102E+02	.144E+03	.112E+06	.277E+07
-6.000	-135E+00	.538E-06	.985E-11	.162E-14	.111E-17	.584E+01	.524E+02	.114E+05	.878E+05
-7.000	-157E+00	.324E-05	.164E-09	.544E-13	.611E-16	.395E+01	.259E+02	.221E+04	.750E+04
-8.000	-180E+00	.131E-04	.150E-08	.906E-12	.159E-14	.296E+01	.155E+02	.698E+03	.121E+04
-9.000	-202E+00	.401E-04	.895E-08	.900E-11	.234E-13	.230E+01	.106E+02	.288E+03	.296E+03
-10.000	-225E+00	.100E-03	.369E-07	.603E-10	.224E-12	.191E+01	.788E+01	.146E+03	.979E+02
-15.000	-337E+00	.175F-02	.372E-05	.239E-07	.330E-09	.11UE+01	.332E+01	.208E+02	.394E+01
-20.000	-450E+00	.786E-02	.379E-04	.491E-06	.154E-07	.781E+00	.210E+01	.764E+01	.847E+00
-25.000	-562E+00	.194E-01	.14AE-03	.27E-05	.152E-06	.611E+00	.153L+01	.391E+01	.341E+00
-30.000	-675E+00	.574E-01	.355E-03	.801E-05	.667E-06	.504E+00	.120E+01	.23UE+01	.184E+00
-35.000	-787E+00	.589E-01	.642E-03	.156E-04	.160E-05	.430E+00	.972E+00	.140E+01	.117E+00
-40.000	-900E+00	.831E-01	.974E-03	.246E-04	.377E-05	.575E+00	.809E+00	.973E+00	.818E+01
-45.000	-101E+01	.104F+00	.132E-02	.327E-04	.636E-05	.533F+00	.685E+00	.065E+00	.611E+01
-50.000	-112L+01	.135F+00	.165E-02	.392E-04	.938E-05	.300F+00	.587E+00	.461E+00	.076E+01
-55.000	-124E+01	.162F+00	.194E-02	.435E-04	.125E-04	.273E+00	.507E+00	.32UE+00	.384E+01
-60.000	-135E+01	.188E+00	.220E-02	.456E-04	.156E-04	.250E+00	.441E+00	.219E+00	.318E+01
-65.000	-146E+01	.213E+00	.242E-02	.459E-04	.184E-04	.231E+00	.386E+00	.146E+00	.26AE+01
-70.000	-157E+01	.231F+00	.260E-02	.447E-04	.209E-04	.215F+00	.338E+00	.924E+01	.229E+01
-75.000	-169E+01	.261F+00	.274E-02	.424E-04	.229E-04	.201E+00	.296L+00	.521E+01	.199E+01
-80.000	-180E+01	.283E+00	.284E-02	.394E-04	.244E-04	.188E+00	.260E+00	.217E+01	.174E+01
-85.000	-191E+01	.305E+00	.292E-02	.36UE-04	.256L-04	.177E+00	.228L+00	.142E+02	.154E+01
-90.000	-202E+01	.325F+00	.297E-02	.323E-04	.263L-04	.167E+00	.200E+00	.190E+01	.137E+01
-95.000	-214L+01	.345E+00	.300E-02	.286E-04	.267L-04	.154E+00	.174E+00	.324E+01	.123E+01
-100.000	-225E+01	.364E+00	.301E-02	.255F-04	.268E-04	.151E+00	.142E+00	.425E+01	.111L+01

ALPHA	AL/LAH	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
+.001	+.400E+04	.871E-84	.761E-91	.104E-95	.780E-99	.186E+39	.246E+42	.115E+85	.985+100
+.002	+.800E+04	.289E-76	.871E-84	.346E-88	.261E-91	.323E+35	.426E+38	.344E+77	.897+145
+.003	+.120E+03	.122F-72	.219E-79	.871E-84	.657E-87	.205E+35	.269E+36	.137E+73	.144+137
+.004	+.160E+03	.949F-69	.289E-76	.115E-80	.871E-84	.567E+31	.742E+34	.104E+70	.836+130
+.005	+.200E+03	.288F-66	.761E-74	.304E-78	.230E-81	.551E+30	.458E+35	.397E+67	.122+126
+.006	+.240E+03	.234E-64	.722E-72	.289E-76	.219E-79	.362E+29	.471E+32	.470E+65	.138+122
+.007	+.280E+03	.104F-62	.339E-70	.136E-74	.103E-77	.532E+28	.689E+31	.891E+63	.634+118
+.008	+.320E+03	.305F-61	.949E-69	.381E-73	.289E-76	.101F+26	.130E+51	.321E+62	.819+115
+.009	+.360E+03	.575F-60	.179E-67	.722E-72	.548E-75	.234E+27	.301E+30	.170E+61	.232+113
+.010	+.400E+03	.700F-59	.248E-66	.100E-70	.761E-74	.631E+26	.809E+29	.123E+60	.123+111
+.020	+.800E+03	.238E-51	.790E-59	.374E-63	.248E-66	.118E+23	.146E+26	.390E+52	.159E+96
+.030	+.120E+02	.540E-47	.189E-54	.790E-59	.611E-62	.806E+20	.962E+23	.171E+48	.271E+87
+.040	+.160E+02	.644E-44	.234E-51	.101E-55	.740E-59	.234E+19	.276E+22	.140E+45	.200E+81
+.050	+.200E+02	.153F-41	.597E-49	.259E-53	.204E-56	.159E+18	.177E+21	.571E+42	.363E+76
+.060	+.240E+02	.132E-39	.540E-47	.238E-51	.189E-54	.17E+17	.190E+20	.649E+40	.506E+72
+.070	+.280E+02	.558F-38	.241E-45	.106E-49	.808E-53	.276E+16	.289E+19	.149E+34	.208E+69
+.080	+.320E+02	.142F-36	.644E-44	.294E-48	.234E-51	.56F+15	.569E+18	.573E+37	.460E+66
+.090	+.360E+02	.242F-35	.116E-42	.540E-47	.440E-50	.141F+15	.136E+18	.327E+36	.161E+64
+.100	+.400E+02	.304E-34	.153E-41	.725E-46	.597E-49	.407E+14	.382L+17	.254E+35	.105E+62
+.200	+.800E+02	.360F-27	.304E-34	.171E-38	.153E-41	.150E+11	.102E+14	.160E+28	.930E+47
+.300	+.120E+01	.349F-23	.459E-30	.304E-34	.297E-37	.194E+09	.978E+11	.141E+24	.133E+40
+.400	+.160E+01	.181F-20	.368E-27	.286F-31	.309E-34	.106F+08	.405E+10	.624E+21	.632E+34
+.500	+.200E+01	.193E-18	.544E-25	.540F-29	.621L-32	.126E+07	.312E+09	.176E+19	.702E+30
+.600	+.240E+01	.766F-17	.349E-23	.368E-27	.459E-30	.244E+06	.565E+08	.377E+17	.559E+27
+.700	+.280E+01	.155F-15	.102E-21	.125E-25	.16AE-28	.653E+05	.121E+08	.160E+16	.171E+25
+.600	+.320E+01	.192E-14	.181E-20	.254E-24	.368E-27	.221E+05	.330L+07	.113E+15	.137E+23
+.900	+.360E+01	.165F-13	.217E-19	.349F-23	.546E-26	.891E+04	.109E+07	.110E+14	.229E+21
+1.000	+.400E+01	.107F-12	.193E-18	.354E-22	.594E-25	.411E+04	.418E+06	.160E+13	.672E+19
+2.000	+.800E+01	.481F-08	.107E-12	.605E-16	.193E-18	.679E+02	.173E+04	.169E+08	.190E+11
+3.000	+.120E+00	.654F-06	.791E-10	.10E-12	.575E-15	.136E+02	.152E+03	.920E+05	.390E+07
+4.000	+.160E+00	.116F-04	.468E-08	.12E-10	.106E-12	.591E+01	.395E+02	.485E+04	.354E+05
+5.000	+.200E+00	.771F-04	.756E-07	.361E-09	.445E-11	.356E+01	.174E+02	.174F+03	.184E+04
+6.000	+.240E+00	.297F-03	.566E-06	.478E-08	.741E-10	.255F+01	.101E+02	.228E+03	.246E+03
+7.000	+.280E+00	.817E-03	.258E-05	.283E-07	.660E-09	.196E+01	.684E+01	.964E+02	.579E+02
+8.000	+.320E+00	.179F-02	.836E-05	.124E-06	.375E-08	.161F+01	.512E+01	.507E+02	.196E+02
+9.000	+.360E+00	.336F-02	.213E-04	.401E-06	.153E-07	.137E+01	.408E+01	.307E+02	.842E+01
+10.000	+.400E+00	.562F-02	.455E-04	.104E-05	.486E-07	.12UE+01	.339E+01	.204E+02	.430E+01
+15.000	+.500E+00	.282F-01	.446E-03	.171E-04	.16AE-05	.750E+00	.182E+01	.534E+01	.502E+00
+20.000	+.800E+00	.656F-01	.132E-02	.586E-04	.915E-05	.554E+00	.122E+01	.223E+01	.212E+00
+25.000	+.100E+01	.111E+00	.239E-02	.104E-03	.233E-04	.442E+00	.890L+00	.110E+01	.113L+00
+30.000	+.120E+01	.157E+00	.337E-02	.133E-03	.404E-04	.369E+00	.679L+00	.566E+00	.716L+01
+35.000	+.140E+01	.203E+00	.414E-02	.141E-03	.563E-04	.316E+00	.530E+00	.284E+00	.504E+01
+40.000	+.160E+01	.241E+00	.469E-02	.134E-03	.687E-04	.277E+00	.419E+00	.122E+00	.378L+01
+45.000	+.180E+01	.297E+00	.500E-02	.114E-03	.76AE-04	.247E+00	.332L+00	.25UE+01	.297L+01
+50.000	+.200E+01	.324F+00	.523E-02	.993E-04	.812E-04	.223E+00	.262E+00	.343E-01	.240E+01
+55.000	+.220E+01	.354F+00	.530E-02	.792E-04	.824E-04	.203E+00	.205E+00	.708E-01	.199E+01
+60.000	+.240E+01	.390E+00	.529E-02	.604E-04	.813E-04	.186E+00	.157E+00	.927E-01	.168E+01
+65.000	+.260E+01	.419F+00	.521E-02	.438E-04	.786E-04	.172E+00	.116E+00	.105E+00	.144E+01
+70.000	+.280E+01	.445F+00	.509E-02	.295E-04	.749E-04	.160E+00	.811E+01	.111E+00	.125E+01
+75.000	+.300E+01	.470F+00	.495E-02	.176E-04	.707L-04	.15UE+00	.505E+01	.113E+00	.109E+01
+80.000	+.320E+01	.492F+00	.47AE-02	.782E-05	.661E-04	.141E+00	.236E+01	.112E+00	.905E+02
+85.000	+.340E+01	.513F+00	.461E-02	.649F-07	.615E-04	.132E+00	.207E-03	.104E+00	.860E+02
+90.000	+.360E+01	.532F+00	.440E-02	.674E-05	.569E-04	.125E+00	.215E-01	.105E+00	.772E+02
+95.000	+.380E+01	.550F+00	.426E-02	.113E-04	.52AE-04	.119E+00	.40AE-01	.996E-01	.697L-02
+100.000	+.400E+01	.560F+00	.408E-02	.151F-04	.485E-04	.113F+00	.578L-01	.94UE-01	.632L-02

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CYLP	CSLP	CRLP	VARCV
-0.001	-0.625E+00	-0.159E+53	-0.244E+58	-0.371E+61	-0.312E+63	-0.310E+25	-0.309E+27	-0.626E+54	-0.150E+03
-0.002	-0.125E+03	-0.104E+48	-0.159E+53	-0.243E+56	-0.244E+58	-0.172E+23	-0.121E+25	-0.463E+49	-0.355E+93
-0.003	-0.187E+03	-0.675E+46	-0.104E+50	-0.159E+53	-0.160E+55	-0.470E+21	-0.473E+23	-0.141E+47	-0.836E+87
-0.004	-0.250E+03	-0.664E+44	-0.104E+48	-0.158E+51	-0.159E+53	-0.481E+20	-0.475E+22	-0.148E+45	-0.853E+85
-0.005	-0.312E+03	-0.230E+42	-0.366E+47	-0.561E+50	-0.564E+52	-0.611E+19	-0.800E+21	-0.420E+43	-0.666E+00
-0.006	-0.375E+03	-0.433E+41	-0.675E+46	-0.104E+48	-0.104E+50	-0.190E+19	-0.187E+21	-0.228E+42	-0.204E+78
-0.007	-0.437E+03	-0.507E+40	-0.793E+45	-0.122E+47	-0.122E+49	-0.555E+18	-0.545E+20	-0.195E+41	-0.149E+76
-0.008	-0.500E+03	-0.426E+39	-0.669E+44	-0.103E+46	-0.100E+48	-0.192E+18	-0.188E+20	-0.231E+40	-0.211E+74
-0.009	-0.562E+03	-0.279E+38	-0.439E+43	-0.675E+46	-0.680E+48	-0.751E+17	-0.734E+19	-0.553E+39	-0.495E+72
-0.010	-0.625E+03	-0.144E+37	-0.236E+42	-0.364E+45	-0.366E+47	-0.325E+17	-0.317E+19	-0.658E+38	-0.173E+71
-0.012	-0.125L+02	-0.914E+33	-0.149E+37	-0.233E+40	-0.236E+42	-0.134E+15	-0.127E+17	-0.106E+34	-0.470E+01
-0.013	-0.187L+02	-0.560E+30	-0.948E+35	-0.149E+37	-0.152E+39	-0.549E+13	-0.512E+15	-0.164E+31	-0.127E+56
-0.014	-0.250L+02	-0.522E+28	-0.914E+33	-0.146E+35	-0.149E+37	-0.579E+12	-0.527E+14	-0.179E+29	-0.149E+52
-0.015	-0.312L+02	-0.173E+26	-0.314E+31	-0.506E+34	-0.522E+36	-0.102E+12	-0.910E+13	-0.530E+27	-0.137E+49
-0.016	-0.375L+02	-0.299E+25	-0.560E+30	-0.914E+33	-0.948L+35	-0.250E+11	-0.218E+13	-0.302E+26	-0.469E+46
-0.017	-0.437L+02	-0.330E+24	-0.638E+29	-0.105E+31	-0.110E+33	-0.760E+10	-0.653E+12	-0.270E+25	-0.393E+44
-0.018	-0.500L+02	-0.261E+23	-0.522E+28	-0.671E+31	-0.914E+33	-0.277E+10	-0.231E+12	-0.335E+24	-0.657E+42
-0.019	-0.562L+02	-0.161F+22	-0.332E+27	-0.560F+30	-0.591E+32	-0.115E+10	-0.925E+11	-0.536E+23	-0.171E+41
-0.020	-0.625L+02	-0.611E+22	-0.173E+26	-0.290F+29	-0.314E+31	-0.513E+09	-0.410E+11	-0.104E+23	-0.602E+39
-0.021	-0.125L+01	-0.277E+17	-0.811E+22	-0.154E+24	-0.133E+26	-0.325E+07	-0.211E+09	-0.263E+18	-0.690E+30
-0.022	-0.187L+01	-0.972E+15	-0.383E+19	-0.811E+22	-0.961E+24	-0.202E+06	-0.108E+08	-0.654E+15	-0.656E+25
-0.023	-0.250L+01	-0.530F+13	-0.277E+17	-0.649E+20	-0.811E+22	-0.314E+05	-0.141E+07	-0.106E+14	-0.256E+22
-0.024	-0.312L+01	-0.105F+11	-0.717E+16	-0.186E+18	-0.244E+20	-0.804E+04	-0.306E+06	-0.475E+12	-0.752E+19
-0.025	-0.375L+01	-0.111F+10	-0.972E+15	-0.277E+17	-0.363E+19	-0.280E+04	-0.914E+05	-0.406E+11	-0.779E+17
-0.026	-0.437L+01	-0.761F+10	-0.844E+14	-0.264E+16	-0.364E+18	-0.121E+04	-0.340E+05	-0.539E+10	-0.190E+16
-0.027	-0.500L+01	-0.982E+09	-0.530E+13	-0.181E+15	-0.277E+17	-0.603E+03	-0.149E+05	-0.985E+09	-0.864E+14
-0.028	-0.562L+01	-0.151F+08	-0.260E+12	-0.972E+15	-0.155E+16	-0.331E+03	-0.731E+04	-0.229E+09	-0.625E+13
-0.029	-0.625L+01	-0.499E+08	-0.105E+11	-0.428E+14	-0.717E+16	-0.206E+03	-0.396E+04	-0.646E+08	-0.650L+12
-0.030	-0.125L+00	-0.475E+05	-0.497E+08	-0.416E+10	-0.105E+11	-0.148E+02	-0.119E+03	-0.426E+05	-0.201E+07
-0.031	-0.187L+00	-0.111F+03	-0.332E+06	-0.488E+08	-0.174E+09	-0.525E+01	-0.256E+02	-0.158E+04	-0.790E+04
-0.032	-0.250L+00	-0.693F+03	-0.427E+05	-0.971E+07	-0.471E+08	-0.298E+01	-0.111E+02	-0.255E+03	-0.357E+03
-0.033	-0.312L+00	-0.233E+02	-0.236E+04	-0.750E+06	-0.473E+07	-0.208E+01	-0.650E+01	-0.818E+02	-0.503E+02
-0.034	-0.375L+00	-0.553E+02	-0.796L+04	-0.326E+05	-0.256E+06	-0.161F+01	-0.459E+01	-0.374E+02	-0.131E+02
-0.035	-0.437L+00	-0.106E+01	-0.195E+03	-0.959E+05	-0.913E+06	-0.132E+01	-0.351E+01	-0.204E+02	-0.496E+01
-0.036	-0.500L+00	-0.175F+01	-0.388E+03	-0.216E+04	-0.244E+05	-0.113E+01	-0.284E+01	-0.132E+02	-0.233E+01
-0.037	-0.562L+00	-0.261E+01	-0.662E+03	-0.405E+04	-0.527E+05	-0.985E+00	-0.237E+01	-0.401E+01	-0.134E+01
-0.038	-0.625L+00	-0.343E+01	-0.101E+02	-0.658E+04	-0.975E+05	-0.877E+00	-0.204E+01	-0.441E+01	-0.847E+00
-0.039	-0.125L+01	-0.175E+00	-0.572E+02	-0.326F+03	-0.119E+03	-0.432E+00	-0.753E+00	-0.635E+00	-0.973E+01
-0.040	-0.187L+01	-0.244F+00	-0.722E+02	-0.317E+03	-0.166L+03	-0.348E+00	-0.517E+00	-0.182E+00	-0.589E+01
-0.041	-0.250L+01	-0.306F+00	-0.797E+02	-0.256E+03	-0.189E+03	-0.291E+00	-0.359E+00	-0.188E+01	-0.404E+01
-0.042	-0.312L+01	-0.219F+00	-0.820E+02	-0.182E+03	-0.194E+03	-0.251E+00	-0.246E+00	-0.112E+00	-0.298E+01
-0.043	-0.250L+01	-0.408F+00	-0.811E+02	-0.116E+03	-0.187E+03	-0.224E+00	-0.159E+00	-0.154E+00	-0.231E+01
-0.044	-0.281L+01	-0.450F+00	-0.784E+02	-0.632E+04	-0.174E+03	-0.197E+00	-0.911E+01	-0.170E+00	-0.105E+01
-0.045	-0.312L+01	-0.487F+00	-0.746E+02	-0.232E+04	-0.158E+03	-0.178E+00	-0.360E+01	-0.171E+00	-0.152E+01
-0.046	-0.344L+01	-0.519F+00	-0.705E+02	-0.564E+05	-0.141E+03	-0.162E+00	-0.953E+02	-0.164E+00	-0.128E+01
-0.047	-0.375L+01	-0.507E+00	-0.663E+02	-0.258E+04	-0.125E+03	-0.144E+00	-0.479E+01	-0.152E+00	-0.109E+01
-0.048	-0.406L+01	-0.573F+00	-0.621E+02	-0.394E+04	-0.110E+03	-0.138E+00	-0.805E+01	-0.139E+00	-0.937E+02
-0.049	-0.437L+01	-0.596F+00	-0.581E+02	-0.482E+04	-0.971E+04	-0.128E+00	-0.109E+00	-0.124E+00	-0.817E+02
-0.050	-0.469L+01	-0.616F+00	-0.543E+02	-0.535E+04	-0.854E+04	-0.120E+00	-0.133L+00	-0.109F+00	-0.720E+02
-0.051	-0.500L+01	-0.635F+00	-0.509E+02	-0.563E+04	-0.751E+04	-0.112E+00	-0.155E+00	-0.935E+01	-0.639E+02
-0.052	-0.531L+01	-0.682F+00	-0.474E+02	-0.573E+04	-0.662E+04	-0.106E+00	-0.174E+00	-0.787E+01	-0.571E+02
-0.053	-0.562L+01	-0.688F+00	-0.446E+02	-0.571E+04	-0.584E+04	-0.100E+00	-0.192E+00	-0.643E+01	-0.514E+02
-0.054	-0.594L+01	-0.682F+00	-0.418E+02	-0.560E+04	-0.516E+04	-0.949E+01	-0.207E+00	-0.505E+01	-0.465E+02
-0.055	-0.625L+01	-0.695E+00	-0.393E+02	-0.544E+04	-0.457E+04	-0.902E+01	-0.221E+00	-0.373E+01	-0.422E+02

		C(I)=2,3U759		CS1# = ,60		ALDDA# 11,11			
ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CYLP	CLP	CRLP	VARLV
-0.001	-900E+04	.430E+37	.198E+40	.219E+42	.095E+44	.102E+18	.249E+19	.229E+38	.569E+71
-0.002	-160E+03	.461E+34	.436E+37	.483E+39	.196E+40	.217E+16	.550E+17	.104E+35	.118E+65
-0.003	-270E+03	.865E+32	.394E+35	.436E+37	.179E+38	.229E+15	.558E+16	.115E+33	.145E+61
-0.004	-300E+03	.210E+30	.961E+34	.101E+35	.436E+37	.466E+14	.113E+16	.473E+31	.245L+58
-0.005	-450E+03	.250E+29	.114E+32	.127E+34	.520E+36	.135E+14	.328E+15	.398E+30	.174E+56
-0.006	-540E+03	.189E+28	.865E+32	.961E+34	.394E+35	.493E+13	.119E+15	.526E+29	.306E+54
-0.007	-630E+03	.104E+27	.479E+31	.532E+33	.218E+34	.210E+13	.508E+14	.953E+28	.101E+53
-0.008	-720E+03	.451E+27	.210E+30	.234E+32	.961E+34	.100E+13	.242E+14	.217E+28	.524L+51
-0.009	-410E+03	.160E+26	.777E+30	.665E+32	.355E+33	.524E+12	.126E+14	.580E+27	.386L+50
-0.010	-900E+03	.560E+26	.250E+29	.274E+31	.114E+32	.293E+12	.705E+13	.183E+27	.376L+49
-0.020	-160E+02	.114E+22	.540E+26	.606E+28	.250E+29	.646E+10	.153L+12	.858E+23	.854L+42
-0.030	-270E+02	.482E+21	.477E+24	.540E+26	.223E+27	.703E+09	.164E+11	.983E+21	.116E+39
-0.040	-360E+02	.229E+19	.114E+22	.130E+24	.540L+26	.147E+09	.358E+10	.417E+20	.216E+36
-0.050	-450E+02	.261E+18	.133E+21	.155E+23	.657E+25	.442E+08	.999E+09	.362E+19	.169E+34
-0.060	-540E+02	.188E+17	.902E+21	.314E+22	.977E+24	.160E+08	.370E+09	.495E+18	.326L+32
-0.070	-630E+02	.997E+17	.532E+20	.621E+22	.261E+23	.731E+07	.160E+09	.925E+17	.118L+31
-0.080	-720E+02	.419E+16	.229E+19	.270E+21	.114E+22	.361E+07	.778E+08	.217E+17	.672E+29
-0.090	-810E+02	.148E+15	.827E+19	.982E+21	.416E+22	.194E+07	.413E+08	.608E+10	.544E+28
-0.100	-900E+02	.450E+15	.261E+18	.312E+20	.133E+21	.112E+07	.254E+08	.195E+10	.580E+27
-0.200	-160E+01	.641E+12	.456E+15	.589E+17	.261E+18	.533E+05	.604L+06	.125E+13	.326L+21
-0.300	-270E+01	.376E+10	.328E+13	.490E+15	.210E+16	.483E+04	.767E+05	.194E+11	.105E+18
-0.400	-360E+01	.604E+09	.641E+12	.957E+14	.456E+15	.133E+04	.186E+05	.111E+10	.447L+15
-0.500	-450E+01	.481E+08	.614E+11	.982E+13	.485E+14	.515F+03	.645E+04	.129E+09	.772L+13
-0.600	-540E+01	.247E+07	.376L+10	.641E+12	.328E+13	.248E+03	.279E+04	.233E+08	.319L+12
-0.700	-630L+01	.941E+07	.169E+09	.307E+11	.163E+12	.138E+03	.140E+04	.573E+07	.239L+11
-0.800	-720L+01	.288E+06	.604E+09	.117E+10	.641E+12	.853E+02	.789E+03	.176E+07	.276E+10
-0.900	-810L+01	.750E+06	.182E+08	.375E+10	.213E+11	.569E+02	.403E+03	.640E+06	.440E+09
-1.000	-900L+01	.172E+05	.481E+08	.105E+09	.614E+11	.404E+02	.315E+03	.266E+06	.902E+08
-2.000	-180E+00	.201E+03	.168E+05	.604E+07	.476E+08	.644E+01	.260E+02	.169E+04	.118L+05
-3.000	-270E+00	.178E+02	.293E+04	.156E+05	.157E+06	.303E+01	.982E+01	.1AU+E+03	.229L+03
-4.000	-360E+00	.640E+02	.160L+03	.111E+04	.139E+05	.198E+01	.547E+01	.513E+02	.251L+02
-5.000	-450E+00	.109E+01	.486E+03	.400E+04	.604E+05	.148E+01	.373E+01	.223E+02	.617L+01
-6.000	-540E+00	.271E+01	.105E+02	.958E+04	.169E+04	.120E+01	.281E+01	.123E+02	.236L+01
-7.000	-630E+00	.474E+01	.183E+02	.177E+03	.356E+04	.101E+01	.225E+01	.759E+01	.117E+01
-8.000	-720E+00	.602E+01	.27AE+02	.273E+03	.620E+04	.876E+00	.186E+01	.504E+01	.687L+00
-9.000	-810E+00	.196E+01	.381E+02	.372E+03	.943E+04	.170E+00	.158E+01	.355E+01	.452L+00
-10.000	-900E+00	.10UE+00	.486E+02	.463E+03	.130E+03	.697E+00	.137E+01	.251E+01	.321L+00
-15.000	-154E+01	.205E+00	.919L+02	.658E+03	.297E+03	.464E+00	.747E+00	.516E+00	.110L+00
-20.000	-160E+01	.290E+00	.112E+01	.524E+03	.377E+03	.356F+00	.441E+00	.409E+02	.591E+01
-25.000	-225E+01	.376E+00	.117E+01	.318E+03	.383E+03	.207E+00	.253E+00	.181E+00	.383L+01
-30.000	-270E+01	.440E+00	.113L+01	.149E+03	.351E+03	.241E+00	.125E+00	.233E+00	.274L+01
-35.000	-315E+01	.495E+00	.105E+01	.334E+04	.306E+03	.208E+00	.309E+01	.236E+00	.207L+01
-40.000	-360E+01	.537E+00	.966E+02	.359E+04	.260E+03	.183E+00	.410E+01	.218E+00	.103L+01
-45.000	-405E+01	.574E+00	.881E+02	.810E+04	.218E+03	.163E+00	.979E+01	.192E+00	.132L+01
-50.000	-450E+01	.606E+00	.801E+02	.103E+03	.182E+03	.108E+00	.144E+00	.162E+00	.109L+01
-55.000	-495E+01	.634E+00	.728E+02	.113E+03	.152E+03	.135F+00	.183L+00	.132E+00	.923L+02
-60.000	-500E+01	.650E+00	.603E+02	.116E+03	.127E+03	.124E+00	.215L+00	.105E+00	.790L+02
-65.000	-585E+01	.674E+00	.604L+02	.114E+03	.107E+03	.114E+00	.243L+00	.748E+01	.684L+02
-70.000	-630E+01	.696E+00	.552E+02	.104E+03	.900E+04	.106F+00	.266E+00	.483E+01	.548L+02
-75.000	-655E+01	.715F+00	.504E+02	.105E+03	.763E+04	.990E+01	.287E+00	.235E+01	.528L+02
-80.000	-720E+01	.730F+00	.465E+02	.97UE+04	.649E+04	.935E+01	.306E+00	.303E+03	.469L+02
-85.000	-765E+01	.743E+00	.429E+02	.904E+04	.555E+04	.881E+01	.322E+00	.213E+01	.420L+02
-90.000	-810E+01	.755E+00	.396E+02	.839E+04	.477E+04	.833E+01	.337E+00	.414E+01	.379L+02
-95.000	-855E+01	.766E+00	.367E+02	.777E+04	.411E+04	.799E+01	.350E+00	.602E+01	.343L+02
-100.000	-900L+01	.777E+00	.340E+02	.711E+04	.357E+04	.751E+01	.362E+00	.771E+01	.312L+02

ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	LSLP	CKLP	VARCV
C(I)=2,30259									
-0.001	-122E-03	.356E-27	.125E-29	.455E-31	.435E-32	.513E+13	.327E+14	.28UE+28	.597E+52
-0.002	-245E-03	.102E-24	.356E-27	.130E-28	.125E-29	.185E+12	.194E+13	.981E+25	.732E+47
-0.003	-367E-03	.278E-23	.970E-26	.356E-21	.341E-28	.355E+11	.311E+12	.359E+24	.983E+44
-0.004	-490E-03	.290E-22	.107E-24	.373E-26	.356E-27	.110E+11	.115E+12	.384E+23	.904E+42
-0.005	-612E-03	.178E-21	.628E-24	.230E-25	.220E-26	.444E+10	.462E+11	.558E+22	.238E+41
-0.006	-735E-03	.788E-21	.278E-23	.102E-24	.974E-26	.212E+10	.220E+11	.126E+22	.122E+40
-0.007	-857E-03	.276E-20	.976E-23	.358E-24	.342E-25	.113E+10	.117E+11	.360E+21	.996E+38
-0.008	-980E-03	.814E-20	.290E-22	.106E-23	.102E-24	.657E+09	.662E+10	.121E+21	.113E+38
-0.009	-110L-02	.213E-19	.756E-22	.278E-23	.264E-24	.408E+09	.422E+10	.465E+20	.167L+37
-0.010	-122E-02	.505E-19	.178E-21	.650E-23	.628E-24	.260E+09	.275E+10	.197E+20	.302E+36
-0.020	-245E-02	.134E-16	.503E-19	.186E-20	.178E-21	.161E+08	.165E+09	.706E+17	.396L+31
-0.030	-367E-02	.368E-15	.134E-17	.503E-19	.464E-20	.316F+07	.320E+08	.265E+10	.511E+28
-0.040	-490E-02	.572E-14	.139E-16	.527E-18	.503E-19	.100E+07	.100E+08	.460E+15	.562L+26
-0.050	-612E-02	.222E-13	.845E-16	.518E-17	.308E-18	.414E+06	.409E+07	.431E+14	.159E+25
-0.060	-735E-02	.950E-13	.368E-15	.154E-16	.135E-17	.202E+06	.197E+07	.100E+14	.873E+23
-0.070	-857E-02	.323E-12	.127E-14	.484E-16	.472E-17	.110E+06	.107E+07	.292E+13	.700E+22
-0.080	-980E-02	.926E-12	.372E-14	.142E-15	.139E-16	.657E+05	.627E+06	.101E+13	.926E+21
-0.090	-110E-01	.235E-11	.956E-14	.368E-15	.361E-16	.417E+05	.394E+06	.395E+12	.146L+21
-0.100	-122E-01	.536E-11	.222E-13	.859E-15	.845E-16	.278E+05	.260E+06	.171E+12	.261E+20
-0.200	-245E-01	.110E-08	.536E-11	.219E-12	.222E-13	.210F+04	.177E+05	.773E+09	.709E+15
-0.300	-367E-01	.219E-07	.124E-09	.536E-11	.558E-12	.508E+03	.388E+04	.362E+08	.190E+13
-0.400	-490E-01	.164F-06	.110E-08	.501E-10	.536E-11	.197E+03	.137E+04	.442E+07	.338L+11
-0.500	-612E-01	.775E-05	.579E-08	.277E-09	.304E-10	.983E+02	.629E+03	.907E+06	.169L+10
-0.600	-735E-01	.258E-05	.219E-07	.110E-08	.124E-09	.574E+02	.340E+03	.259E+06	.160E+09
-0.700	-857E-01	.688E-05	.660L-07	.348E-08	.402E-09	.373E+02	.205E+03	.924E+05	.234E+08
-0.800	-980E-01	.157E-04	.168E-06	.930E-08	.110E-08	.262E+02	.135E+03	.389E+05	.472E+07
-0.900	-110E+00	.316E-04	.379E-06	.219E-07	.265E-08	.195E+02	.939E+02	.185E+05	.120L+07
-1.000	-122E+00	.581E-04	.771E-06	.465E-07	.578E-08	.151E+02	.667E+02	.972E+04	.370L+06
-2.000	-245E+00	.192E-02	.544E-04	.474E-05	.737E-06	.384E+01	.118E+02	.246E+03	.462E+03
-3.000	-367E+00	.956E-02	.412E-03	.454E-04	.859E-05	.212E+01	.543E+01	.475E+02	.242L+02
-4.000	-490E+00	.244E-01	.153E-02	.160E-03	.368E-04	.149E+01	.343E+01	.179E+02	.464E+01
-5.000	-612E+00	.454E-01	.279E-02	.366E-03	.930E-04	.116E+01	.249L+01	.899E+01	.163L+01
-6.000	-735E+00	.705E-01	.459E-02	.601E-03	.172E-03	.960E+00	.193E+01	.518E+01	.792E+00
-7.000	-857E+00	.981E-01	.650E-02	.822E-03	.263E-03	.822F+00	.157E+01	.322E+01	.467E+00
-8.000	-980E+00	.127E+00	.835L-02	.994E-03	.754E-03	.721F+00	.130E+01	.201E+01	.311L+00
-9.000	-110L+01	.156E+00	.100E-01	.110E-02	.438E-03	.643E+00	.110E+01	.136E+01	.225L+00
-10.000	-122E+01	.184E+00	.115E-01	.115E-02	.510E-03	.5R1E+00	.940L+00	.877E+00	.173E+00
-15.000	-184E+01	.312E+00	.153E-01	.859E-03	.680E-03	.396E+00	.456E+00	.788E-01	.717E-01
-20.000	-245E+01	.411F+00	.154E-01	.589E-03	.647E-03	.302E+00	.203E+00	.285E+00	.419E-01
-25.000	-306E+01	.487E+00	.142E-01	.756E-04	.545E-03	.245E+00	.445E-01	.309E+00	.283E-01
-30.000	-367E+01	.547E+00	.127E-01	.936E-04	.439E-03	.206E+00	.654L-01	.278E+00	.207E-01
-35.000	-429E+01	.594F+00	.112E-01	.173E-03	.347E-03	.178E+00	.147L+00	.229E+00	.158E-01
-40.000	-490E+01	.633F+00	.983E-02	.204E-03	.273L-03	.157E+00	.209L+00	.176F+00	.126E-01
-45.000	-551E+01	.665E+00	.864E-02	.208E-03	.216E-03	.140E+00	.259L+00	.124E+00	.103E-01
-50.000	-612E+01	.692F+00	.764E-02	.20UE-03	.171E-03	.126E+00	.299E+00	.751E-01	.854L-02
-55.000	-674E+01	.715E+00	.680E-02	.186E-03	.137E-03	.115E+00	.332E+00	.303E-01	.722L-02
-60.000	-735E+01	.735E+00	.607E-02	.171E-03	.111E-03	.106E+00	.361E+00	.107E-01	.619E-02
-65.000	-796E+01	.755E+00	.544E-02	.155E-03	.903E-04	.980E-01	.385E+00	.481E-01	.557E-02
-70.000	-857E+01	.768E+00	.490E-02	.139E-03	.741E-04	.912E-01	.406E+00	.822F+01	.471E-02
-75.000	-919E+01	.781F+00	.444E-02	.126E-03	.613E-04	.853E-01	.424E+00	.113E+00	.416E-02
-80.000	-980E+01	.793E+00	.403E-02	.113E-03	.511E-04	.801E-01	.441E+00	.142E+00	.370E-02
-85.000	-104E+02	.804E+00	.368E-02	.102E-03	.430E-04	.755E-01	.455E+00	.168E+00	.332E-02
-90.000	-110E+02	.814E+00	.337E-02	.911E-04	.363E-04	.714E-01	.468E+00	.192E+00	.299E-02
-95.000	-116E+02	.822F+00	.310E-02	.828E-04	.309L-04	.677F-01	.480E+00	.214E+00	.271E-02
-100.000	-122E+02	.830F+00	.288E-02	.744E-04	.264E-04	.644E-01	.490L+00	.235E+00	.246L-02

	C(1)=2,30259	C81= +,00	ALBDA= 6,23	ALPHA	AL/LAH	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	C8LP	CKLP	VARY
-0.001	-,160E-03	,966E-21	,127E-22	,101E-23	,167E-24	,364E+10	,223E+11	,103E+22	,259E+40				
-0.002	-,320E-03	,733E-19	,966E-21	,767E-22	,127E-22	,424E+09	,255L+10	,136E+20	,450E+36				
-0.003	-,480E-03	,472E-16	,122E-19	,960E-21	,160E-21	,120E+09	,720E+09	,106E+19	,265E+34				
-0.004	-,640E-03	,555E-17	,733E-19	,583E-20	,966E-21	,488E+08	,243E+09	,180E+18	,785L+32				
-0.005	-,800E-03	,273E-16	,745E-18	,235E-19	,389L-20	,243F+08	,146E+09	,446E+17	,485E+31				
-0.006	-,960E-03	,696E-16	,927E-18	,733E-19	,127E-19	,13dE+08	,829E+08	,143E+17	,500E+30				
-0.007	-,112E-02	,182E-15	,241E-17	,192E-18	,318E-19	,854E+07	,512E+08	,547E+16	,732E+29				
-0.008	-,128E-02	,410E-15	,555E-17	,442E-18	,733E-19	,564E+07	,338L+08	,238E+10	,159E+29				
-0.009	-,144E-02	,870E-15	,116E-16	,722E-18	,153E-18	,391E+07	,214E+08	,114E+16	,320E+28				
-0.010	-,160E-02	,166E-14	,223E-16	,178E-17	,295E-18	,282E+07	,169E+08	,592E+15	,802E+27				
-0.020	-,320E-02	,124E-12	,168E-14	,134E-15	,223E-16	,534E+06	,190E+07	,794E+13	,158E+24				
-0.030	-,480E-02	,152E-11	,208E-13	,16dE-14	,200E-15	,947E+05	,557E+06	,643E+12	,105E+22				
-0.040	-,640E-02	,896E-11	,124E-12	,100E-13	,168E-14	,393E+05	,229E+06	,104E+12	,305E+20				
-0.050	-,800E-02	,352E-10	,494E-12	,401E-13	,672E-14	,200E+05	,115E+06	,275E+11	,198E+19				
-0.060	-,960E-02	,10/E-09	,152E-11	,124E-12	,208E-13	,115E+05	,600E+05	,898E+10	,215E+18				
-0.070	-,112L-01	,273E-09	,394E-11	,323E-12	,543E-13	,726E+04	,412E+05	,389E+10	,331L+17				
-0.080	-,128E-01	,613E-09	,894E-11	,13/E-12	,124L-12	,488E+04	,274L+05	,155E+10	,659L+16				
-0.090	-,144E-01	,125E-08	,185E-10	,152E-11	,258E-12	,344E+04	,192E+05	,756E+09	,160E+16				
-0.100	-,160E-01	,235E-08	,357E-10	,292E-11	,494L-12	,253E+04	,140E+05	,399E+09	,452L+15				
-0.200	-,320E-01	,139E-06	,235E-08	,203E-09	,357E-10	,350E+03	,179E+04	,63dE+07	,154E+12				
-0.300	-,480E-01	,13/E-05	,260E-07	,235E-08	,415E-09	,110E+03	,559E+03	,613E+06	,141E+10				
-0.400	-,640E-01	,652E-05	,130E-06	,130E-07	,235E-08	,571E+02	,252E+03	,122E+06	,630E+08				
-0.500	-,800E-01	,21UF-04	,493E-06	,482E-07	,867E-08	,335E+02	,139E+03	,365E+05	,627E+07				
-0.600	-,960L-01	,526E-04	,136L-05	,136E-06	,260L-07	,222E+02	,868E+02	,140E+05	,101E+07				
-0.700	-,112L+00	,112L-03	,317E-05	,533E-06	,639L-07	,160L+02	,591E+02	,636E+04	,230L+06				
-0.800	-,128E+00	,204E-03	,648E-05	,700E-06	,138E-06	,122F+02	,428E+02	,324E+04	,663E+05				
-1.000	-,160E+00	,572E-03	,206E-04	,240E-05	,488E-06	,794E+01	,256E+02	,114E+04	,921E+04				
-2.000	-,320E+00	,833E-02	,502E-03	,511E-04	,182E-04	,264E+01	,667L+01	,693E+02	,518L+02				
-3.000	-,480E+00	,244E-01	,218L-02	,363E-03	,102L-03	,164F+01	,357L+01	,186L+02	,553L+01				
-4.000	-,640E+00	,543E-01	,493E-02	,832E-03	,205E-03	,120E+01	,240E+01	,193E+01	,150E+01				
-5.000	-,800E+00	,937E-01	,812L-02	,131E-02	,467E-03	,961E+00	,179E+01	,408E+01	,673E+00				
-6.000	-,960E+00	,131F+00	,112E-01	,165F-02	,601E-03	,806E+00	,140E+01	,220E+01	,385L+00				
-7.000	-,112E+01	,169F+00	,139E-01	,183F-02	,823E-03	,696E+00	,112E+01	,124E+01	,254L+00				
-8.000	-,128E+01	,206F+00	,160E-01	,186E-02	,945E-03	,614F+00	,920L+00	,700E+00	,184L+00				
-9.000	-,144E+01	,241F+00	,17/E-01	,17/E-02	,103E-02	,551E+00	,760E+00	,327E+00	,141E+00				
-10.000	-,160E+01	,274F+00	,187E-01	,162E-02	,108E-02	,500F+00	,631E+00	,817E-01	,114E+00				
-15.000	-,240E+01	,410F+00	,198E-01	,632E-03	,104E-02	,344E+00	,226E+00	,355E+00	,533E-01				
-20.000	-,320E+01	,500F+00	,177E-01	,185E-04	,825E-03	,263E+00	,783E-02	,374E+00	,327E-01				
-25.000	-,400E+01	,57/E+00	,152E-01	,246E-03	,618E-03	,214E+00	,152E+00	,313E+00	,226L-01				
-30.000	-,480E+01	,63UF+00	,128E-01	,533E-03	,457E-03	,180F+00	,229E+00	,228E+00	,167E-01				
-35.000	-,560E+01	,672E+00	,109E-01	,-543E-03	,339E-03	,155E+00	,302E+00	,144E+00	,129L-01				
-40.000	-,640E+01	,705F+00	,930E-02	,-32UE-03	,254E-03	,137E+00	,357L+00	,663E-01	,103L-01				
-45.000	-,720E+01	,732F+00	,801E-02	,-298E-03	,192E-03	,122E+00	,402E+00	,327E-02	,844E-02				
-50.000	-,800E+01	,755E+00	,695L-02	,-254E-03	,148E-03	,11UE+00	,438E+00	,654E-01	,700E-02				
-55.000	-,880E+01	,774F+00	,60E-02	,-222E-03	,115E-03	,101E+00	,468E+00	,121E+00	,590E-02				
-60.000	-,960E+01	,794E+00	,53E-02	,-194E-03	,910E-04	,926E-01	,494E+00	,170E+00	,512L-02				
-65.000	-,104E+02	,804E+00	,475E-02	,-164E-03	,727E-04	,85/E-01	,516E+00	,214E+00	,445L-02				
-70.000	-,112E+02	,81/F+00	,425E-02	,-148E-03	,506E-04	,798E-01	,555E+00	,254E+00	,390L-02				
-75.000	-,120E+02	,828F+00	,381E-02	,-130E-03	,478E-04	,740E-01	,551E+00	,29UE+00	,344L-02				
-80.000	-,128E+02	,83/F+00	,344E-02	,-114E-03	,393E-04	,700E-01	,566E+00	,523E+00	,307L-02				
-85.000	-,136E+02	,840F+00	,317E-02	,-101E-03	,326E-04	,660E-01	,579E+00	,552E+00	,275L-02				
-90.000	-,144E+02	,854F+00	,280E-02	,-895E-04	,273L-04	,624E-01	,590E+00	,579E+00	,248E+02				
-95.000	-,152E+02	,861F+00	,260E-02	,-790E-04	,230L-04	,592E-01	,601E+00	,404E+00	,224E+02				
-100.000	-,160E+02	,86/E+00	,239E-02	,-711E-04	,195E-04	,563E-01	,610E+00	,427E+00	,200L-02				

ALPHA	AL/LAM	AMND(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-0.001	-0.202E-03	.249E-10	.012E-18	.110E-18	.265E-19	.362E+08	.150E+09	.402E+17	.719E+31
-0.002	-0.405E-03	.761E-15	.249E-16	.356E-17	.012E-18	.656E+07	.271E+08	.131E+16	.832E+28
-0.003	-0.607E-03	.562E-14	.180E-15	.249E-16	.601E-17	.241E+07	.997E+07	.178E+15	.152E+27
-0.004	-0.810E-03	.232E-13	.761E-15	.103E-15	.249E-16	.119E+07	.490E+07	.430E+14	.893E+25
-0.005	-0.101E-02	.697E-13	.229E-14	.309E-15	.748E-16	.680E+06	.283E+07	.145E+14	.990E+24
-0.006	-0.121E-02	.171E-12	.562E-14	.761E-15	.184E-15	.430E+06	.180E+07	.582E+13	.104E+24
-0.007	-0.142E-02	.366E-12	.120E-13	.163E-14	.394E-15	.300E+06	.123E+07	.272E+13	.300L+23
-0.008	-0.162E-02	.706E-12	.232E-13	.314E-14	.761E-15	.216E+06	.869E+06	.141E+13	.967E+22
-0.009	-0.182E-02	.120E-11	.415E-13	.562E-14	.136E-14	.162E+06	.665E+06	.790E+12	.303E+22
-0.010	-0.202E-02	.212E-11	.697E-13	.945E-14	.229E-14	.125E+06	.513E+06	.470E+12	.108L+22
-0.020	-0.405E-02	.635E-10	.212E-11	.288E-12	.697E-13	.229E+05	.935E+05	.156E+11	.120L+19
-0.030	-0.607E-02	.460E-09	.155E-10	.212E-11	.514E-12	.855E+04	.347E+05	.214E+10	.228L+17
-0.040	-0.810E-02	.187E-08	.635E-10	.878E-11	.212E-11	.421E+04	.172E+05	.525E+09	.159L+16
-0.050	-0.101E-01	.550E-09	.189E-09	.260E-10	.633E-11	.250E+04	.999E+04	.171E+09	.160E+15
-0.060	-0.121E-01	.135E-07	.460E-09	.635E-10	.155E-10	.162E+04	.643E+04	.731E+08	.275E+14
-0.070	-0.142E-01	.276E-07	.975E-09	.135E-09	.330E-10	.112E+04	.443L+04	.347E+08	.626E+13
-0.080	-0.162E-01	.570E-07	.187E-08	.259E-09	.635E-10	.821E+03	.322E+04	.182E+08	.175E+13
-0.090	-0.182E-01	.972E-07	.350E-08	.460E-09	.113E-09	.623E+03	.242E+04	.104E+08	.569L+12
-0.100	-0.202E-01	.152E-06	.550E-08	.764E-09	.189E-09	.480E+03	.189E+04	.625E+07	.210E+12
-0.200	-0.405E-01	.581E-05	.152E-06	.220E-07	.550E-08	.102E+03	.371E+03	.236E+06	.335E+09
-0.300	-0.607E-01	.233E-04	.102L-05	.152E-06	.386E-07	.434E+02	.148E+03	.374E+05	.943L+07
-0.400	-0.810E-01	.794E-04	.380E-05	.587E-06	.152E-06	.244E+02	.791E+02	.105E+05	.767E+06
-0.500	-0.101E+00	.201E-03	.104L-04	.165E-05	.433E-06	.160E+02	.494E+02	.403E+04	.122E+06
-0.600	-0.121E+00	.416E-03	.231E-04	.378E-05	.101E-05	.115E+02	.341E+02	.189E+04	.285E+05
-0.700	-0.142E+00	.753E-03	.448E-04	.754E-05	.204E-05	.888E+01	.252E+02	.102E+04	.872E+04
-0.800	-0.162E+00	.124E-02	.784E-04	.136E-04	.374E-05	.714E+01	.195E+02	.606E+03	.324E+04
-0.900	-0.182E+00	.190E-02	.127L-03	.225E-04	.632E-05	.595E+01	.157E+02	.389E+03	.139E+04
-1.000	-0.202E+00	.274E-02	.194E-03	.351E-04	.100E-04	.508E+01	.130L+02	.264E+03	.62L+03
-2.000	-0.405E+00	.220E-01	.222E-02	.462E-03	.152E-03	.207E+01	.441E+01	.271E+02	.111E+02
-3.000	-0.607E+00	.600E-01	.651E-02	.135E-02	.498E-03	.134E+01	.257E+01	.875E+01	.187E+01
-4.000	-0.810E+00	.106E+00	.115E-01	.220E-02	.905E-03	.101F+01	.178E+01	.580E+01	.696E+00
-5.000	-0.101E+01	.154E+00	.161E-01	.264E-02	.124E-02	.623E+00	.132E+01	.182E+01	.369E+00
-6.000	-0.121E+01	.201E+00	.196E-01	.280E-02	.148E-02	.696E+00	.102L+01	.840E+00	.235E+00
-7.000	-0.142E+01	.260E+00	.221E-01	.263E-02	.161E-02	.605E+00	.800E+00	.501E+00	.168E+00
-8.000	-0.162E+01	.387E+00	.257E-01	.230E-02	.167E-02	.531E+00	.632E+00	.173E+01	.128E+00
-9.000	-0.182E+01	.575E+00	.245E-01	.191E-02	.168E-02	.483E+00	.498E+00	.231E+00	.102E+00
-10.000	-0.202E+01	.3554E+00	.249E-01	.152E-02	.165E-02	.439E+00	.388E+00	.333E+00	.847E+01
-15.000	-0.304E+01	.494E+00	.225E-01	.116E-03	.129E-02	.304E+00	.344E+01	.462E+00	.450E+01
-20.000	-0.405E+01	.584E+00	.165E-01	.406E-03	.904L-03	.233E+00	.161E+00	.567E+00	.72L+01
-25.000	-0.506E+01	.647E+00	.150E-01	.529E-03	.624E-03	.189E+00	.287E+00	.238E+00	.190E+01
-30.000	-0.607E+01	.694E+00	.123L-01	.511E-03	.435E-03	.160E+00	.376E+00	.114E+00	.142E+01
-35.000	-0.709E+01	.730E+00	.101E-01	.451E-03	.308E-03	.138E+00	.442E+00	.451E-02	.110E+01
-40.000	-0.810E+01	.754E+00	.840E-02	.380E-03	.223E-03	.121E+00	.493E+00	.912E+01	.882E+02
-45.000	-0.911E+01	.782E+00	.720E-02	.326E-03	.165E-03	.109E+00	.554E+00	.174E+00	.723E+02
-50.000	-0.101E+02	.801E+00	.617E-02	.275E-03	.124E-03	.981E+01	.567E+00	.247E+00	.644E+02
-55.000	-0.111E+02	.811E+00	.534E-02	.232E-03	.945E+00	.895E+01	.595E+00	.311E+00	.512E+02
-60.000	-0.121E+02	.830E+00	.467E-02	.197E-03	.734E-04	.823E+01	.618L+00	.361E+00	.440E+02
-65.000	-0.132E+02	.842E+00	.411E-02	.168E-03	.578L-04	.762E+01	.638E+00	.417E+00	.382E+02
-70.000	-0.142E+02	.857E+00	.365E-02	.145E-03	.461E-04	.704E+01	.656E+00	.461E+00	.335E+02
-75.000	-0.152E+02	.861E+00	.326E-02	.125E-03	.372E-04	.663E+01	.671E+00	.501F+00	.296E+02
-80.000	-0.162E+02	.864E+00	.293L-02	.108E-03	.303E-04	.672E+01	.684E+00	.577E+00	.264E+02
-85.000	-0.172E+02	.876E+00	.264E-02	.946E-04	.249E-04	.587E+01	.696E+00	.569E+00	.236E+02
-90.000	-0.182E+02	.883E+00	.240E-02	.831E-04	.207E-04	.555E+01	.707E+00	.599E+00	.213E+02
-95.000	-0.192E+02	.888E+00	.219E-02	.733E-04	.173E-04	.576E+01	.716E+00	.620E+00	.193E+02
-100.000	-0.202E+02	.894E+00	.200E-02	.649E-04	.146E-04	.501F+01	.725E+00	.651E+00	.176E+02

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	LSLP	CKLP	VARLV
.001	-.250E-03	.355E-13	.227E-14	.439E-15	.139E-15	.133E+07	.819E+07	.281E+14	.570E+25
.002	-.500E-05	.567E-12	.355E-13	.702E-14	.222E-14	.532E+06	.105E+07	.170E+13	.223E+23
.003	-.750E-03	.287E-11	.180E-12	.355E-13	.112E-13	.148E+06	.466E+06	.340E+12	.874E+21
.004	-.100E-02	.404E-11	.567E-12	.112E-12	.355E-13	.833E+05	.263E+06	.110E+12	.878E+20
.005	-.125E-02	.224E-10	.138E-11	.274E-12	.467E-13	.534E+05	.108E+06	.453E+11	.148E+20
.006	-.150E-02	.450E-10	.267E-11	.567E-12	.160E-12	.371E+05	.117E+06	.219E+11	.345E+19
.007	-.175E-02	.864E-10	.531E-11	.105E-11	.333E-12	.273E+05	.859E+05	.118E+11	.101E+19
.008	-.200E-02	.144E-09	.904E-11	.174E-11	.567E-12	.204E+05	.658E+05	.693E+10	.348E+18
.009	-.225E-02	.239E-09	.145E-10	.287E-11	.906E-12	.164E+05	.521E+05	.433E+10	.136E+18
.010	-.250E-02	.359E-09	.220E-10	.437E-11	.158E-11	.134E+05	.922E+05	.285E+10	.587E+17
.020	-.500E-02	.550E-08	.350E-09	.695E-10	.220E-10	.340E+04	.106E+05	.180E+09	.237L+15
.030	-.750E-02	.274E-07	.174E-08	.350E-09	.111E-09	.155E+04	.474E+04	.361E+08	.957E+13
.040	-.100E-01	.859E-07	.550E-08	.110E-08	.350E-09	.872E+03	.209E+04	.116E+08	.940E+12
.050	-.125L-01	.204E-06	.133E-07	.267E-08	.850E-09	.565E+03	.174E+04	.480E+07	.172L+12
.060	-.150E-01	.410E-06	.274E-07	.550E-08	.175E-08	.398E+03	.121E+04	.234E+07	.813E+11
.070	-.175E-01	.750E-06	.503E-07	.101E-07	.324E-08	.296E+03	.899E+03	.178E+07	.124L+11
.080	-.200E-01	.127E-05	.850E-07	.172E-07	.550E-08	.229E+03	.693E+03	.161E+06	.441E+10
.090	-.225E-01	.200E-05	.135E-06	.274E-07	.877E-08	.184E+03	.552E+03	.481E+06	.11AE+10
.100	-.250E-01	.300E-05	.204E-06	.415E-07	.133L-07	.151F+03	.450E+03	.32CE+06	.790E+09
.200	-.500E-01	.404E-04	.300E-05	.621E-06	.204E-06	.425E+02	.121E+03	.227E+05	.423L+07
.300	-.750E-01	.177E-03	.140E-04	.299E-05	.968L-06	.212E+02	.574E+02	.50E+04	.224L+06
.400	-.100E+00	.480E-03	.406E-04	.692E-05	.298E-05	.135E+02	.345E+02	.181E+04	.301E+05
.500	-.125E+00	.101E-02	.910E-04	.205E-04	.695E-05	.942E+01	.736E+02	.830E+03	.674E+04
.600	-.150E+00	.1A5E-02	.173E-03	.398E-04	.157E-04	.721E+01	.175E+02	.454E+03	.275L+04
.700	-.175E+00	.295E-02	.294E-03	.690E-04	.241E-04	.581E+01	.137E+02	.275E+03	.793E+03
.800	-.200E+00	.442E-02	.460E-03	.11UE-03	.368E-04	.485E+01	.111E+02	.180E+03	.355E+03
.900	-.225E+00	.624E-02	.675E-03	.164E-03	.586E-04	.417E+01	.932E+01	.125E+03	.180E+03
1,000	-.250E+00	.841E-02	.942E-03	.231E-03	.838E-04	.365E+01	.800E+01	.914E+02	.997E+02
2,000	-.500E+00	.467E-01	.623E-02	.157E-02	.654E-03	.169E+01	.319E+01	.134E+02	.373E+01
3,000	-.750E+00	.102E+00	.157E-01	.311E-02	.139E+02	.114E+01	.194E+01	.441E+01	.904E+00
4,000	-.100E+01	.162F+00	.204E-01	.590E-02	.196E+02	.880E+00	.154E+01	.174E+01	.408E+00
5,000	-.125E+01	.270F+00	.251E-01	.390E-02	.228E-02	.721E+00	.980E+00	.612E+00	.243L+00
6,000	-.150E+01	.273F+00	.281E-01	.543E-02	.241E-02	.614E+00	.750E+00	.546E-01	.167E+00
7,000	-.175E+01	.321F+00	.296E-01	.277E-02	.241E-02	.530E+00	.545E+00	.244E+00	.125L+00
8,000	-.200E+01	.364F+00	.301L-01	.208E-02	.234E-02	.477E+00	.399E+00	.40E+00	.990E-01
9,000	-.225E+01	.402F+00	.299E-01	.146E-02	.223E-02	.430E+00	.282E+00	.494E+00	.813E-01
10,000	-.250E+01	.437F+00	.297E-01	.422E-03	.710E-02	.392E+00	.185E+00	.535E+00	.686E-01
15,000	-.375E+01	.565E+00	.236E-01	.484E-03	.142L-02	.272E+00	.1533E+00	.460E+00	.366E-01
20,000	-.500E+01	.647E+00	.183L-01	.774E-03	.911E-03	.209E+00	.312PE+00	.284E+00	.236L-01
25,000	-.625E+01	.703F+00	.143E-01	.734E-03	.593E-03	.17UE+00	.429E+00	.107F+00	.167L-01
30,000	-.750E+01	.744F+00	.114E-01	.621E-03	.345E-03	.143F+00	.511E+00	.464E-01	.125E-01
35,000	-.875E+01	.775E+00	.924E-02	.504E-03	.271E-03	.124E+00	.52E+00	.177F+00	.970E-02
40,000	-.100E+02	.799E+00	.763E-02	.413F-03	.191E-03	.104F+00	.620E+00	.2R8E+00	.718E-02
45,000	-.112E+02	.819E+00	.640E-02	.336E-03	.138E-03	.976E-01	.658E+00	.382E+00	.638E-02
50,000	-.125E+02	.835E+00	.543E-02	.276E-03	.102E-03	.883E-01	.689E+00	.464E+00	.533E-02
55,000	-.137E+02	.849F+00	.407E-02	.278E-03	.771E-04	.805E-01	.715E+00	.535E+00	.452E-02
60,000	-.150E+02	.860E+00	.406E-02	.19UE-03	.592E-04	.740E-01	.736E+00	.59E+00	.389E-02
65,000	-.162E+02	.870E+00	.355E-02	.16UE-03	.401E-04	.685E-01	.755E+00	.651E+00	.358E-02
70,000	-.175E+02	.874E+00	.314E-02	.136E-03	.365E-04	.638E-01	.771E+00	.70UE+00	.296E-02
75,000	-.187E+02	.886E+00	.279E-02	.116E-03	.292E-04	.596E-01	.786E+00	.743E+00	.262E-02
80,000	-.200E+02	.893E+00	.250E-02	.998E-04	.236E-04	.560E-01	.798E+00	.782E+00	.233E-02
85,000	-.212E+02	.894E+00	.225E-02	.864E-04	.193L-04	.578E-01	.809E+00	.817E+00	.209E-02
90,000	-.225E+02	.904E+00	.204E-02	.753E-04	.160E-04	.499E-01	.819E+00	.849E+00	.188E-02
95,000	-.237E+02	.904F+00	.185E-02	.660E-04	.137E-04	.474E-01	.82AE+00	.878E+00	.171L-02
100,000	-.250E+02	.913F+00	.169E-02	.582E-04	.112E-04	.450E-01	.83AE+00	.905E+00	.155E-02

ALPHA	AL/LAH	C(1)=2.30259	C51=-1.20	ALRDA= 2.78	CVLP	CSLP	CALP	VARLV
-0.001	-0.360E-03	.457E-09	.667E-10	.216E+10	.973E-11	.179E+05	.397E+05	.219E+10
-0.002	-0.720E-03	.313E-08	.457E-09	.146E-09	.667E-10	.683F+04	.152E+05	.314E+09
-0.003	-0.900E-02	.964E-08	.141E-08	.457E-09	.206E-09	.389E+04	.864E+04	.104E+09
-0.004	-0.144E-02	.214E-07	.313E-08	.192E-08	.457E-09	.261E+04	.580E+04	.466E+08
-0.005	-0.180E-02	.398E-07	.582E-08	.194E-08	.849E-09	.192E+04	.426E+04	.251E+08
-0.006	-0.216E-02	.654E-07	.964E-08	.313E-08	.141E+00	.149E+04	.351E+04	.151E+08
-0.007	-0.252E-02	.101F-06	.148E-07	.480E-08	.216E-08	.120E+04	.267E+04	.480E+07
-0.008	-0.288E-02	.160E-06	.214E-07	.690E-08	.313E-08	.100E+04	.222E+04	.682E+07
-0.009	-0.324E-02	.205E-06	.297E-07	.964E-08	.434E-08	.851E+03	.189E+04	.492E+07
-0.010	-0.360E-02	.271E-06	.394E-07	.124E+01	.582E-08	.136E+03	.163E+04	.368E+07
-0.020	-0.720E-02	.184E-05	.271E-06	.882E-07	.398E-07	.283E+03	.625E+03	.541E+06
-0.030	-0.108E-01	.560F-05	.831E-06	.271E-06	.122E-06	.163F+03	.358E+03	.177E+06
-0.040	-0.144E-01	.125E-04	.184E-05	.600E-06	.271E-06	.114E+03	.241E+03	.803F+05
-0.050	-0.180E-01	.224E-04	.359E-05	.111E-05	.592E-06	.815E+02	.178E+03	.430E+05
-0.060	-0.216E-01	.371E-04	.560E-05	.184E-05	.851E-06	.634E+02	.139E+03	.265E+05
-0.070	-0.252E-01	.562E-04	.854E-05	.281E-05	.127E-05	.520E+02	.113E+03	.174E+05
-0.080	-0.288E-01	.805E-04	.123E-04	.405E-05	.184E-05	.430E+02	.939E+02	.121E+05
-0.090	-0.324E-01	.110E-03	.169E-04	.559E-05	.250E-05	.373E+02	.802E+02	.883E+04
-0.100	-0.360E-01	.146E-03	.225E-04	.746E-05	.339E-05	.375E+02	.694E+02	.665E+04
-0.200	-0.720E-01	.895E-03	.145E-03	.484E-04	.224E-04	.135E+02	.219E+02	.106E+04
-0.300	-0.108E+00	.244E-02	.420E-03	.143E-03	.662E-04	.627E+01	.166E+02	.573E+03
-0.400	-0.144E+00	.496E-02	.870E-03	.300E-03	.140E-03	.595F+01	.117E+02	.182E+03
-0.500	-0.180E+00	.875F-02	.151E-02	.522E-03	.246L-03	.466E+01	.893E+01	.106E+03
-0.600	-0.216E+00	.125E-01	.237E-02	.806E-03	.383E-03	.384E+01	.722E+01	.683E+02
-0.700	-0.252E+00	.175E-01	.330E-02	.115E-02	.549E-03	.328E+01	.605E+01	.475E+02
-0.800	-0.288E+00	.232E-01	.442E-02	.155E-02	.739E-03	.287E+01	.521E+01	.344E+02
-0.900	-0.324E+00	.294E-01	.567E-02	.195E-02	.948E-03	.256E+01	.457E+01	.265E+02
-1.000	-0.360E+00	.362F-01	.702E-02	.239F-02	.117L-02	.231E+01	.407E+01	.200E+02
-2.000	-0.720E+00	.119F+00	.220E-01	.622E-02	.329E-02	.125E+01	.190E+01	.379E+01
-3.000	-0.108E+01	.206F+00	.332E-01	.703E-02	.427E-02	.887E+00	.118E+01	.870E+00
-4.000	-0.144E+01	.283E+00	.391E-01	.564E-02	.444E-02	.669E+00	.755E+00	.961E-01
-5.000	-0.180E+01	.549F+00	.412E-01	.404E-02	.425E-02	.581E+00	.490E+00	.489E+00
-6.000	-0.216E+01	.406E+00	.410E-01	.241E-02	.394E-02	.499E+00	.297E+00	.650E+00
-7.000	-0.252E+01	.454F+00	.395E-01	.117E-02	.359E-02	.438F+00	.149E+00	.702E+00
-8.000	-0.288E+01	.495F+00	.375E-01	.275E-03	.324E-02	.391E+00	.309E-01	.691E+00
-9.000	-0.324E+01	.531F+00	.352L-01	.441E-03	.290C-02	.353F+00	.667E-01	.662E+00
-10.000	-0.360E+01	.562F+00	.329E-01	.689E-03	.259E-02	.523E+00	.149E+00	.609E+00
-15.000	-0.540E+01	.673E+00	.230E-01	.148E-02	.144E-02	.226E+00	.423E+00	.279E+00
-20.000	-0.720E+01	.739E+00	.165E-01	.123E-02	.823E-03	.174E+00	.581E+00	.270E-01
-25.000	-0.900E+01	.783E+00	.123E-01	.931E-03	.494E-03	.142E+00	.685L+00	.277E+00
-30.000	-0.108E+02	.814F+00	.945E-02	.696E-03	.311E-03	.119E+00	.758E+00	.476E+00
-35.000	-0.126E+02	.838F+00	.748E-02	.520E-03	.204E-03	.105E+00	.813E+00	.643E+00
-40.000	-0.144E+02	.856F+00	.606E-02	.404E-03	.139E-03	.910E-01	.856E+00	.774E+00
-45.000	-0.162E+02	.871E+00	.501E-02	.316E-03	.978E-04	.813E-01	.890E+00	.893E+00
-50.000	-0.180E+02	.882F+00	.421E-02	.251E-03	.707E-04	.735F-01	.918E+00	.991E+00
-55.000	-0.198E+02	.892F+00	.359E-02	.202E-03	.523E-04	.671F-01	.942E+00	.107E+01
-60.000	-0.216E+02	.901E+00	.309E-02	.165E-03	.395E-04	.611E-01	.961E+00	.115E+01
-65.000	-0.234E+02	.908E+00	.269E-02	.136E-03	.304E-04	.571E-01	.978E+00	.121E+01
-70.000	-0.252E+02	.914F+00	.236E-02	.114E-03	.237E-04	.531E-01	.993E+00	.127E+01
-75.000	-0.270E+02	.919E+00	.200L-02	.959E-04	.188E-04	.497E-01	.101E+01	.132E+01
-80.000	-0.288E+02	.924F+00	.188E-02	.816E-04	.151E-04	.461E-01	.102E+01	.136E+01
-85.000	-0.306E+02	.926F+00	.167L-02	.700E-04	.122E-04	.440E-01	.103E+01	.140E+01
-90.000	-0.324E+02	.932F+00	.150E-02	.604E-04	.100E-04	.416E-01	.104E+01	.144E+01
-95.000	-0.342E+02	.936F+00	.136E-02	.526E-04	.831E-05	.395E-01	.104E+01	.147E+01
-100.000	-0.360E+02	.939F+00	.124E-02	.460E-04	.693E-05	.375E-01	.105E+01	.150E+01

		C(1)=7.30259		CS1=1.40		ALBDA= 2.04			
ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
-0.001	-0.490E-03	.13/F-06	.334E-07	.146E-07	.612E-08	.133E+04	.239E+04	.728E+07	.720E+12
-0.002	-0.980E-03	.565E-06	.137E-06	.601E-07	.334E-07	.656E+03	.118L+04	.171E+07	.926E+11
-0.003	-0.147E-02	.124F-05	.314E-06	.131E-06	.764E-07	.434E+03	.780E+03	.774E+06	.815E+10
-0.004	-0.196E-02	.232F-05	.565E-06	.241E-06	.157E-06	.524E+03	.582E+03	.431E+06	.253E+10
-0.005	-0.245E-02	.365F-05	.840E-06	.389E-06	.217E-06	.258E+03	.404E+03	.273E+06	.102E+10
-0.006	-0.294E-02	.530F-05	.129L-05	.565E-06	.314E-06	.214E+03	.385E+03	.189E+06	.484E+09
-0.007	-0.343E-02	.725F-05	.177L-05	.773F-06	.450E-06	.183E+03	.329E+03	.138E+06	.259L+09
-0.008	-0.392E-02	.951F-05	.232E-05	.102E-05	.565E-06	.160E+03	.287E+03	.105E+06	.150L+09
-0.009	-0.441E-02	.121E-04	.295L-05	.124F-05	.714L-06	.142E+03	.255E+03	.826E+05	.931E+08
-0.010	-0.490E-02	.151F-04	.385L-05	.160E-05	.890E-06	.120E+03	.229E+03	.666E+05	.607L+08
-0.020	-0.980E-02	.611F-04	.150E-04	.650E-05	.365L-05	.634E+02	.113E+03	.163E+05	.306L+07
-0.030	-0.147E-01	.136F-03	.341E-04	.150F-04	.833E-05	.422F+02	.752E+02	.717E+04	.713L+06
-0.040	-0.196E-01	.247E-03	.610E-04	.268E-04	.149E-04	.316E+02	.563E+02	.401E+04	.225E+06
-0.050	-0.245E-01	.386E-03	.957E-04	.421E-04	.235L-04	.253E+02	.450E+02	.256E+04	.922E+05
-0.060	-0.294E-01	.555F-03	.138L-03	.608E-04	.340E-04	.212E+02	.375E+02	.178E+04	.447E+05
-0.070	-0.343E-01	.754F-03	.188L-03	.930E-04	.464E-04	.182E+02	.321E+02	.130E+04	.243E+05
-0.080	-0.392E-01	.982F-03	.246E-03	.108E-03	.605E-04	.160E+02	.281E+02	.999E+03	.144E+05
-0.090	-0.441E-01	.124F-02	.311E-03	.137E-03	.768E-04	.145F+02	.250E+02	.790E+03	.906E+04
-0.100	-0.490E-01	.152F-02	.384E-03	.164E-03	.948E-04	.129E+02	.225E+02	.641E+03	.601E+04
-0.200	-0.980E-01	.576E-02	.149E-02	.658E-03	.371E-03	.670E+01	.115E+02	.164E+03	.451E+03
-0.300	-0.147E+00	.122F-01	.319E-02	.140E-02	.793E-03	.464E+01	.779E+01	.750E+02	.996E+02
-0.400	-0.196E+00	.203F-01	.535E-02	.233E-02	.137E-02	.361E+01	.595L+01	.431E+02	.370L+02
-0.500	-0.245E+00	.297E-01	.784E-02	.330E-02	.191E-02	.299E+01	.403E+01	.280E+02	.178L+02
-0.600	-0.294E+00	.401E-01	.106E-01	.443E-02	.252E-02	.250E+01	.408E+01	.196E+02	.100L+02
-0.700	-0.343E+00	.512F-01	.134E-01	.549E-02	.314E-02	.226E+01	.353L+01	.144E+02	.630L+01
-0.800	-0.392E+00	.629F-01	.163E-01	.650E-02	.372E-02	.203E+01	.312E+01	.110E+02	.428E+01
-0.900	-0.441E+00	.750F-01	.197E-01	.742E-02	.427E-02	.185E+01	.279E+01	.859E+01	.309E+01
-1.000	-0.490E+00	.873F-01	.220E-01	.820E-02	.477E-02	.170E+01	.252E+01	.683E+01	.233L+01
-2.000	-0.980E+00	.209E+00	.455E-01	.104E-01	.714E-02	.995E+00	.121E+01	.782E+00	.980L+00
-3.000	-0.147E+01	.313F+00	.520L-01	.794E-02	.699E-02	.729E+00	.670L+00	.417E+00	.234L+00
-4.000	-0.196E+01	.395F+00	.531E-01	.430E-02	.629E-02	.583E+00	.551E+00	.770E+00	.150L+00
-5.000	-0.245E+01	.462E+00	.508L-01	.151E-02	.554E-02	.488E+00	.132L+00	.852E+00	.110L+00
-6.000	-0.294E+01	.515F+00	.471E-01	.324E-03	.483E-02	.421E+00	.317L-01	.825E+00	.860L-01
-7.000	-0.343E+01	.560F+00	.431E-01	.104E-02	.419L-02	.371E+00	.160L+00	.749E+00	.702L-01
-8.000	-0.392E+01	.597F+00	.393L-01	.206E-02	.362L-02	.332E+00	.265L+00	.651E+00	.590E+01
-9.000	-0.441E+01	.628F+00	.357L-01	.231E-02	.312E-02	.301E+00	.352E+00	.543E+00	.506L+01
-10.000	-0.490E+01	.655F+00	.324E-01	.248E-02	.270E-02	.275E+00	.425E+00	.432E+00	.441L+01
-15.000	-0.735E+01	.747F+00	.207L-01	.202E-02	.132L-02	.193E+00	.675E+00	.785E+01	.255L+01
-20.000	-0.980E+01	.801F+00	.142E-01	.134E-02	.699L-03	.149E+00	.821E+00	.479E+00	.169L+01
-25.000	-0.122L+02	.835E+00	.102E-01	.951E-03	.397L-03	.121E+00	.917E+00	.784E+00	.121L+01
-30.000	-0.147E+02	.860E+00	.773L-02	.670E-03	.241L-03	.102E+00	.986E+00	.103E+01	.908E+02
-35.000	-0.171L+02	.878F+00	.603L-02	.486E-03	.154L-03	.884E+01	.104E+01	.123E+01	.709L+02
-40.000	-0.196E+02	.892F+00	.483L-02	.362E-03	.102L-03	.779E+01	.108E+01	.139E+01	.569L+02
-45.000	-0.220E+02	.905F+00	.396L-02	.276E-03	.708E-04	.697E+01	.111E+01	.152E+01	.407L+02
-50.000	-0.245L+02	.912F+00	.350L-02	.215E-03	.505E-04	.630E+01	.114E+01	.163E+01	.390L+02
-55.000	-0.269L+02	.920F+00	.279L-02	.171E-03	.369E-04	.575E+01	.118E+01	.173E+01	.331L+02
-60.000	-0.294L+02	.926F+00	.240L-02	.130E-03	.276E-04	.529E+01	.118E+01	.181E+01	.284L+02
-65.000	-0.318L+02	.931F+00	.208L-02	.113E-03	.210E-04	.484E+01	.119E+01	.188E+01	.247L+02
-70.000	-0.343L+02	.936F+00	.182L-02	.933E-04	.163L-04	.455E+01	.121E+01	.195E+01	.216L+02
-75.000	-0.367L+02	.940F+00	.160L-02	.781E-04	.128L-04	.426E+01	.122L+01	.200E+01	.191L+02
-80.000	-0.392L+02	.944F+00	.142L-02	.660E-04	.103E-04	.400E+01	.123L+01	.205E+01	.170L+02
-85.000	-0.416L+02	.947F+00	.127L-02	.563E-04	.828L-05	.371E+01	.124L+01	.210E+01	.152E+02
-90.000	-0.441L+02	.950F+00	.115L-02	.484E-04	.676E-05	.357E+01	.125L+01	.214E+01	.137L+02
-95.000	-0.465L+02	.952F+00	.104L-02	.414E-04	.557L-05	.338E+01	.125L+01	.218E+01	.124L+02
-100.000	-0.490L+02	.955F+00	.943L-03	.365E-04	.463L-05	.322E+01	.126L+01	.221E+01	.113L+02

C(1)*2,30759			C51*-1,60			ALBUD*-1,56			
ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	ESLP	CKLP	VARCV
-0.001	-0.640L+03	.551F+05	.189E+05	.100E+05	.659E+06	.245F+03	.384E+03	.174E+06	.631E+09
-0.002	-0.128L+07	.165F+04	.557L+05	.296F+05	.169E+05	.143E+03	.225E+03	.607E+05	.724E+08
-0.003	-0.192L+07	.311F+04	.105E+04	.551F+05	.356E+05	.105F+03	.104E+03	.323E+05	.204E+08
-0.004	-0.256L+07	.445F+04	.165E+04	.873F+05	.557E+05	.836E+02	.151E+03	.206E+05	.833E+07
-0.005	-0.320L+07	.697E+04	.233E+04	.124F+04	.790E+05	.102F+02	.110E+03	.105E+05	.416E+07
-0.006	-0.384L+07	.913F+04	.310E+04	.164F+04	.105E+04	.609E+02	.954E+02	.104E+05	.236E+07
-0.007	-0.448L+07	.116F+03	.394E+04	.209E+04	.133E+04	.504E+02	.846E+02	.864E+04	.146E+07
-0.008	-0.512L+02	.145F+03	.485E+04	.258F+04	.164E+04	.487E+02	.702E+02	.698E+04	.967E+06
-0.009	-0.576L+02	.172F+03	.563E+04	.310F+04	.194E+04	.445E+02	.695E+02	.581E+04	.607E+06
-0.010	-0.640L+02	.202F+03	.687E+04	.365E+04	.233E+04	.410E+02	.641E+02	.493E+04	.401E+06
-0.020	-0.128L+01	.594E+03	.202E+03	.107F+03	.685E+04	.234F+02	.374E+02	.168E+04	.502E+05
-0.030	-0.192L+01	.111F+02	.379E+03	.201F+03	.128E+03	.175E+02	.213E+02	.892E+03	.161E+05
-0.040	-0.256L+01	.173F+02	.591E+03	.313F+03	.200E+03	.140F+02	.218E+02	.571E+03	.668E+04
-0.050	-0.320L+01	.244F+02	.853E+03	.401E+03	.282E+03	.118F+02	.154E+02	.404E+03	.358E+04
-0.060	-0.384L+01	.322E+02	.110E+02	.583E+03	.372E+03	.103E+02	.160L+02	.304E+03	.195E+04
-0.070	-0.448L+01	.407E+02	.139E+02	.137F+03	.471E+03	.918F+01	.142E+02	.240F+03	.123E+04
-0.080	-0.512L+01	.498E+02	.171L+02	.901E+03	.575E+03	.830E+01	.128E+02	.195E+03	.821E+03
-0.090	-0.576L+01	.594F+02	.204E+02	.107E+02	.686E+03	.759E+01	.117E+02	.162E+03	.579E+03
-0.100	-0.640L+01	.696F+02	.239E+02	.126F+02	.803E+03	.702F+01	.108E+02	.138E+03	.423E+03
-0.200	-0.128L+00	.193F+01	.659E+02	.539E+02	.216E+02	.421F+01	.653E+01	.467E+02	.574E+02
-0.300	-0.192L+00	.342F+01	.115E+01	.574E+02	.305E+02	.314E+01	.463E+01	.244E+02	.189E+02
-0.400	-0.256L+00	.505F+01	.167E+01	.801F+02	.504E+02	.250E+01	.370E+01	.151E+02	.894E+01
-0.500	-0.320L+00	.677E+01	.219E+01	.101F+01	.636E+02	.219E+01	.310E+01	.102E+02	.513E+01
-0.600	-0.384L+00	.852E+01	.269E+01	.118E+01	.744E+02	.193F+01	.267E+01	.728E+01	.332E+01
-0.700	-0.448L+00	.103E+00	.317E+01	.132E+01	.836E+02	.173F+01	.234E+01	.534E+01	.230E+01
-0.800	-0.512L+00	.120F+00	.361E+01	.143E+01	.909E+02	.158E+01	.208E+01	.399E+01	.174E+01
-0.900	-0.576L+00	.136F+00	.401E+01	.150E+01	.964E+02	.145E+01	.187E+01	.300E+01	.136E+01
-1.000	-0.640L+00	.155F+00	.437E+01	.155E+01	.101E+01	.135E+01	.170E+01	.225E+01	.109E+01
-2.000	-0.128L+01	.302E+00	.634E+01	.114E+01	.102E+01	.833E+00	.747E+00	.448E+00	.319E+00
-3.000	-0.192L+01	.411F+00	.651E+01	.515F+02	.876E+02	.621E+00	.310E+00	.433E+00	.178E+00
-4.000	-0.256L+01	.491F+00	.604E+01	.555E+03	.741E+02	.501E+00	.371E+01	.498E+00	.122E+00
-5.000	-0.320L+01	.553F+00	.544E+01	.199E+02	.625E+02	.422F+00	.157E+00	.889E+00	.927E+01
-6.000	-0.384L+01	.602F+00	.483E+01	.523E+02	.525E+02	.365F+00	.305E+00	.745E+00	.743E+01
-7.000	-0.448L+01	.641F+00	.427E+01	.373E+02	.440E+02	.322F+00	.423E+00	.584E+00	.617E+01
-8.000	-0.512L+01	.674F+00	.37AE+01	.382F+02	.369E+02	.289E+00	.519E+00	.418E+00	.524E+01
-9.000	-0.576L+01	.701F+00	.336L+01	.370E+02	.310E+02	.262E+00	.600E+00	.256E+00	.453E+01
-10.000	-0.640L+01	.723E+00	.300E+01	.344E+02	.261E+02	.239E+00	.669E+00	.101E+00	.397E+01
-15.000	-0.960E+01	.800F+00	.181E+01	.271E+02	.117E+02	.168E+00	.905E+00	.558E+00	.232E+01
-20.000	-0.128L+02	.843F+00	.120E+01	.137E+02	.584L+03	.130E+00	.104E+01	.104E+01	.154E+01
-25.000	-0.160L+02	.871F+00	.852E+02	.893E+03	.320E+03	.106E+00	.114E+01	.141E+01	.110E+01
-30.000	-0.192L+02	.891F+00	.654E+02	.607E+03	.189L+03	.894E+01	.120E+01	.169E+01	.830L+02
-35.000	-0.224L+02	.905F+00	.498E+02	.429E+03	.118L+03	.773E+01	.125E+01	.192E+01	.648L+02
-40.000	-0.256L+02	.916F+00	.391E+02	.314E+03	.77L+04	.62E+01	.120E+01	.210E+01	.510E+02
-45.000	-0.288L+02	.925F+00	.31AE+02	.236E+03	.530E+04	.609E+01	.132E+01	.225E+01	.420L+02
-50.000	-0.320L+02	.932F+00	.264E+02	.182E+03	.374E+04	.551F+01	.135E+01	.238E+01	.356L+02
-55.000	-0.352L+02	.938E+00	.222E+02	.143E+03	.211E+04	.505E+01	.137E+01	.249E+01	.302L+02
-60.000	-0.384L+02	.943F+00	.140E+02	.115E+03	.202E+04	.462E+01	.13AE+01	.258E+01	.259E+02
-65.000	-0.416L+02	.947F+00	.160E+02	.932F+04	.153E+04	.428E+01	.140E+01	.266E+01	.225L+02
-70.000	-0.448L+02	.951F+00	.143E+02	.7AE+04	.11AE+04	.378E+01	.141E+01	.273E+01	.197L+02
-75.000	-0.480L+02	.954F+00	.126E+02	.634E+04	.925E+05	.375E+01	.142E+01	.280E+01	.174L+02
-80.000	-0.512L+02	.957F+00	.112E+02	.538E+04	.735E+05	.350E+01	.143E+01	.285E+01	.155L+02
-85.000	-0.544L+02	.959F+00	.100E+02	.457E+04	.591E+05	.330E+01	.144E+01	.291E+01	.139L+02
-90.000	-0.576L+02	.961F+00	.894L+03	.392E+04	.481E+05	.312E+01	.145E+01	.295E+01	.125E+02
-95.000	-0.608L+02	.963E+00	.812E+03	.330E+04	.394E+05	.296E+01	.146E+01	.294E+01	.113L+02
-100.000	-0.640L+02	.965E+00	.73AE+03	.294E+04	.328E+05	.281E+01	.147E+01	.303E+01	.103L+02

		C(I)=2,30259	C(S)=1,80	ALBDA= 1,25					
ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VAREV
-0.001	-0.810E-03	.706E-04	.300E-04	.182E-04	.028E-04	.776E+02	.111E+03	.142E+05	.567E+07
-0.002	-0.162E-02	.166E-05	.70E-04	.428E-04	.300E-04	.506E+02	.721E+02	.602E+04	.104E+07
-0.003	-0.243E-02	.274E-03	.316E-03	.105E-04	.494E-04	.394E+02	.502E+02	.365E+04	.341E+06
-0.004	-0.324E-02	.390E-03	.166E-03	.101E-03	.705E-04	.530E+02	.470E+02	.256E+04	.142E+06
-0.005	-0.405E-02	.514E-03	.218E-03	.172E-03	.927E-04	.288E+02	.410E+02	.194E+04	.111E+06
-0.006	-0.486E-02	.643E-03	.273E-03	.166E-03	.116E-03	.25F+02	.366E+02	.155E+04	.709E+05
-0.007	-0.567E-02	.778E-03	.331E-03	.200E-03	.140E-03	.234E+02	.333E+02	.128E+04	.405E+05
-0.008	-0.648E-02	.917E-03	.340E-03	.230E-03	.165E-03	.215F+02	.307E+02	.104E+04	.349E+05
-0.009	-0.729E-02	.106E-02	.450E-03	.272F-03	.191E-03	.200E+02	.285E+02	.939E+03	.262E+05
-0.010	-0.810E-02	.121E-02	.512E-03	.310E-03	.217E-03	.188E+02	.267E+02	.824E+03	.202E+05
-0.020	-0.162E-01	.282E-02	.120E-02	.722E-03	.506E-03	.123F+02	.174E+02	.349E+03	.370E+04
-0.030	-0.243E-01	.463E-02	.194E-02	.118E-02	.825E-03	.956E+01	.134E+02	.211E+03	.138E+04
-0.040	-0.324E-01	.657E-02	.279E-02	.166E-02	.114E-02	.802E+01	.113E+02	.147E+03	.689E+03
-0.050	-0.405E-01	.841E-02	.363E-02	.216E-02	.151E-02	.700E+01	.987E+01	.111E+03	.403E+03
-0.060	-0.486E-01	.107E-01	.452E-02	.268F-02	.187E-02	.628E+01	.882E+01	.885E+02	.200E+03
-0.070	-0.567E-01	.129E-01	.542E-02	.320E-02	.223E-02	.570E+01	.801E+01	.127E+02	.100E+03
-0.080	-0.648E-01	.151E-01	.634E-02	.372E-02	.259E-02	.520E+01	.736E+01	.613E+02	.152E+03
-0.090	-0.729E-01	.174E-01	.728E-02	.425F-02	.295E-02	.490E+01	.684E+01	.527E+02	.997E+02
-0.100	-0.810E-01	.197E-01	.827E-02	.477E-02	.331E-02	.459E+01	.640E+01	.460E+02	.779E+02
-0.200	-0.162E+00	.442E-01	.178E-01	.973E-02	.668E-02	.502E+01	.410E+01	.181E+02	.100E+02
-0.300	-0.243E+00	.694E-01	.269E-01	.130E-01	.939E-02	.236E+01	.312E+01	.994E+01	.606E+01
-0.400	-0.324E+00	.945E-01	.357E-01	.168E-01	.114E-01	.199E+01	.255E+01	.618E+01	.367E+01
-0.500	-0.405E+00	.119F+00	.426E-01	.190E-01	.128E-01	.175E+01	.215E+01	.406E+01	.236E+01
-0.600	-0.486E+00	.145E+00	.490E-01	.203E-01	.138E-01	.155F+01	.188E+01	.272E+01	.167E+01
-0.700	-0.567E+00	.166E+00	.546E-01	.204E-01	.143E-01	.141E+01	.164E+01	.181E+01	.126E+01
-0.800	-0.648E+00	.188F+00	.593E-01	.210E-01	.146E-01	.130E+01	.145E+01	.116E+01	.994E+00
-0.900	-0.729E+00	.209E+00	.634E-01	.207E-01	.148E-01	.121E+01	.130E+01	.675E+00	.813E+00
-1.000	-0.810E+00	.229F+00	.667E-01	.201E-01	.147E-01	.113E+01	.116E+01	.305E+00	.683E+00
-2.000	-0.162E+01	.388E+00	.780E-01	.875E-02	.122E-01	.719E+00	.402E+00	.996E+00	.247E+00
-3.000	-0.243E+01	.495E+00	.721E-01	.411E-03	.989E-02	.542E+00	.215E-01	.110E+01	.149E+00
-4.000	-0.324E+01	.579E+00	.630E-01	.351E-02	.810E-02	.440E+00	.226E+00	.956E+00	.107E+00
-5.000	-0.405E+01	.676E+00	.542E-01	.511E-02	.662E-02	.371E+00	.406E+00	.743E+00	.832E+01
-6.000	-0.486E+01	.767E+00	.466E-01	.547E-02	.540E-02	.322E+00	.544E+00	.512E+00	.676E+01
-7.000	-0.567E+01	.804E+00	.402E-01	.529E-02	.440E-02	.285E+00	.656E+00	.282E+00	.566E+01
-8.000	-0.648E+01	.732E+00	.350E-01	.489E-02	.359E-02	.256E+00	.748E+00	.609E-01	.404E+01
-9.000	-0.729E+01	.755E+00	.306E-01	.442E-02	.295E-02	.232E+00	.825E+00	.148E+00	.420E+01
-10.000	-0.810E+01	.774F+00	.270E-01	.395E-02	.243E-02	.212E+00	.892E+00	.343E+00	.369E+01
-15.000	-0.121E+02	.838F+00	.157E-01	.220E-02	.102E-02	.149E+00	.112E+01	.114E+01	.217E+01
-20.000	-0.162E+02	.874E+00	.102E-01	.129E-02	.488E-03	.115E+00	.126E+01	.171E+01	.145E+01
-25.000	-0.202E+02	.891F+00	.712E-02	.808E-03	.260E-03	.941E-01	.155E+01	.215E+01	.103E+01
-30.000	-0.243E+02	.913E+00	.526E-02	.531E-03	.151E-03	.794E-01	.141E+01	.246E+01	.777E+02
-35.000	-0.283E+02	.924F+00	.404E-02	.374E-03	.931E-04	.687E-01	.146E+01	.271E+01	.606E+02
-40.000	-0.324E+02	.913F+00	.320E-02	.270E-03	.605E-04	.606E-01	.150E+01	.292E+01	.486E+02
-45.000	-0.364E+02	.940E+00	.259E-02	.201E-03	.409E-04	.542E-01	.153E+01	.304E+01	.348E+02
-50.000	-0.405E+02	.946E+00	.215E-02	.154E-03	.267E-04	.490E-01	.155E+01	.323E+01	.333E+02
-55.000	-0.445E+02	.951F+00	.180E-02	.120E-03	.207E-04	.447E-01	.157E+01	.336E+01	.282E+02
-60.000	-0.486E+02	.955F+00	.154E-02	.959E-04	.153E-04	.411E-01	.159E+01	.340E+01	.242E+02
-65.000	-0.526E+02	.958F+00	.133E-02	.776E-04	.116E-04	.380E-01	.160E+01	.355E+01	.210E+02
-70.000	-0.567E+02	.961E+00	.116E-02	.636E-04	.868E-05	.354E-01	.162E+01	.363E+01	.188E+02
-75.000	-0.607E+02	.963F+00	.102E-02	.526E-04	.694E-05	.331E-01	.163E+01	.370E+01	.162E+02
-80.000	-0.648E+02	.966F+00	.902E-03	.443E-04	.550E-05	.311E-01	.164L+01	.377E+01	.144E+02
-85.000	-0.688E+02	.968F+00	.805E-03	.376E-04	.442E-05	.293F-01	.165L+01	.382E+01	.129E+02
-90.000	-0.729E+02	.969F+00	.722E-03	.321E-04	.359E-05	.27F-01	.165L+01	.387E+01	.116E+02
-95.000	-0.769E+02	.971F+00	.652E-03	.271E-04	.294E-05	.263F-01	.166L+01	.392E+01	.105E+02
-100.000	-0.810E+02	.972F+00	.592E-03	.244E-04	.244E-05	.250F-01	.167L+01	.396E+01	.959E+02

	C(1)=2.30259	C51=-2.00	ALBDA= 1.00	C1LP	C5LP	CNLIP	VARCV		
ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	C5LP		
-0.001	-0.100E-02	.434E-03	.217E-03	.144E-03	.108E-03	.534E+02	.452E+02	.230E+04	.261E+06
-0.002	-0.200E-02	.868E-03	.433E-03	.208E-03	.216E-03	.240E+02	.320E+02	.115E+04	.553E+05
-0.003	-0.300E-02	.130E-02	.649E-03	.432E-03	.323E-03	.190E+02	.201E+02	.764E+03	.246E+05
-0.004	-0.400E-02	.173E-02	.805E-03	.574E-03	.450E-03	.170E+02	.226E+02	.572E+03	.139E+05
-0.005	-0.500E-02	.217E-02	.106E-02	.716E-03	.556E-03	.152E+02	.202E+02	.457E+03	.808E+04
-0.006	-0.600E-02	.260E-02	.129E-02	.856E-03	.642E-03	.138E+02	.184E+02	.580E+03	.618E+04
-0.007	-0.700E-02	.303E-02	.151E-02	.999E-03	.747E-03	.126E+02	.170E+02	.325E+03	.450E+04
-0.008	-0.800E-02	.346E-02	.172E-02	.114E-02	.852E-03	.120E+02	.159E+02	.284E+03	.348E+04
-0.009	-0.900E-02	.389E-02	.194E-02	.128E-02	.956E-03	.113E+02	.150E+02	.252E+03	.275E+04
-0.010	-0.100E-01	.432E-02	.215E-02	.142E-02	.106E-02	.107E+02	.142E+02	.227E+03	.223E+04
-0.020	-0.200E-01	.861E-02	.425E-02	.278E-02	.207E-02	.75E+01	.100E+02	.112E+03	.564E+03
-0.030	-0.300E-01	.129E-01	.651E-02	.408E-02	.303E-02	.617E+01	.810E+01	.132E+02	.253E+03
-0.040	-0.400E-01	.171E-01	.832E-02	.535E-02	.395E-02	.534E+01	.702E+01	.540E+02	.144E+03
-0.050	-0.500E-01	.213E-01	.103E-01	.652E-02	.482E-02	.47E+01	.625E+01	.425E+02	.931E+02
-0.060	-0.600E-01	.254E-01	.122E-01	.766E-02	.565E-02	.435E+01	.568E+01	.308E+02	.653E+02
-0.070	-0.700E-01	.295E-01	.141E-01	.876E-02	.643E-02	.403E+01	.523E+01	.294E+02	.484E+02
-0.080	-0.800E-01	.336E-01	.159E-01	.980E-02	.719E-02	.376E+01	.487E+01	.253E+02	.375E+02
-0.090	-0.900E-01	.370E-01	.178E-01	.108E-01	.790E-02	.354E+01	.457E+01	.221E+02	.299E+02
-0.100	-0.100E+00	.416E-01	.195E-01	.116E-01	.858E-02	.336E+01	.431E+01	.195E+02	.245E+02
-0.200	-0.200E+00	.794E-01	.352E-01	.192E-01	.137E-01	.235E+01	.290E+01	.806E+01	.673E+01
-0.300	-0.300E+00	.115E-00	.479E-01	.235E-01	.167E-01	.190E+01	.225E+01	.424E+01	.328E+01
-0.400	-0.400E+00	.148E-00	.580E-01	.257E-01	.183E-01	.163E+01	.184E+01	.243E+01	.201E+01
-0.500	-0.500E+00	.178F-00	.661E-01	.264E-01	.190E-01	.144E+01	.154E+01	.134E+01	.140E+01
-0.600	-0.600E+00	.207E-00	.725E-01	.261E-01	.192E-01	.130E+01	.134E+01	.600E+00	.105E+01
-0.700	-0.700E+00	.233E-00	.776E-01	.251E-01	.190E-01	.119E+01	.116E+01	.155E+00	.829E+00
-0.800	-0.800E+00	.258E-00	.815E-01	.236E-01	.166E-01	.111E+01	.101E+01	.194E+00	.681E+00
-0.900	-0.900E+00	.281E-00	.845E-01	.218E-01	.162E-01	.103E+01	.889E+00	.452E+00	.516E+00
-1.000	-0.100E+01	.303E-00	.867E-01	.199E-01	.177E-01	.973E+00	.780E+00	.646E+00	.497E+00
-2.000	-0.200E+01	.465E+00	.867E-01	.315E-02	.130E-01	.634E+00	.123E+00	.121E+01	.209E+00
-3.000	-0.300E+01	.560E+00	.740E-01	.455E-02	.107E-01	.482E+00	.224E+00	.107E+01	.153E+00
-4.000	-0.400E+01	.635E+00	.620E-01	.705E-02	.852E-02	.392E+00	.456E+00	.788E+00	.980E+01
-5.000	-0.500E+01	.685E+00	.518E-01	.739E-02	.676E-02	.532E+00	.628E+00	.477E+00	.773E+01
-6.000	-0.600E+01	.723E+00	.435E-01	.691E-02	.536E-02	.289E+00	.762E+00	.170E+00	.634E+01
-7.000	-0.700E+01	.752E+00	.370E-01	.618E-02	.424E-02	.255E+00	.870E+00	.121E+00	.534E+01
-8.000	-0.800E+01	.777E+00	.317E-01	.542E-02	.341E-02	.229E+00	.959E+00	.393E+00	.458E+01
-9.000	-0.900E+01	.796E+00	.275E-01	.471E-02	.275E-02	.208E+00	.104E+01	.606E+00	.398E+01
-10.000	-0.100E+02	.813E+00	.240E-01	.409E-02	.223E-02	.191E+00	.110E+01	.879E+00	.351E+01
-15.000	-0.150E+02	.867E+00	.135E-01	.209E-02	.889E-03	.134E+00	.153E+01	.181E+01	.207E+01
-20.000	-0.200E+02	.897E+00	.866E-02	.118E-02	.401E-03	.104E+00	.146E+01	.247E+01	.138E+01
-25.000	-0.250E+02	.916E+00	.601E-02	.721E-03	.215E-03	.846E+01	.155E+01	.295E+01	.985E+02
-30.000	-0.300E+02	.929E+00	.440E-02	.471E-03	.123E-03	.715E+01	.161E+01	.332E+01	.740E+02
-35.000	-0.350E+02	.938E+00	.357E-02	.524E-03	.749E-04	.610E+01	.166E+01	.361E+01	.577E+02
-40.000	-0.400E+02	.946E+00	.266E-02	.232E-03	.483E-04	.545E+01	.170E+01	.384E+01	.462E+02
-45.000	-0.450E+02	.951E+00	.215E-02	.172E-03	.325E-04	.487E+01	.173E+01	.403E+01	.379E+02
-50.000	-0.500E+02	.956E+00	.177E-02	.131E-03	.226E-04	.441E-01	.175E+01	.419E+01	.316E+02
-55.000	-0.550E+02	.960E+00	.149E-02	.102E-03	.163E-04	.402E+01	.177E+01	.433E+01	.268E+02
-60.000	-0.600E+02	.963E+00	.127E-02	.809E-04	.120E-04	.370E+01	.179E+01	.444E+01	.230E+02
-65.000	-0.650E+02	.966E+00	.109E-02	.652E-04	.902E-05	.342E+01	.180E+01	.455E+01	.199E+02
-70.000	-0.700E+02	.968E+00	.952E-03	.534E-04	.691E-05	.319E+01	.182E+01	.464E+01	.174E+02
-75.000	-0.750E+02	.970E+00	.836E-03	.442E-04	.539E-05	.298E+01	.183E+01	.472E+01	.154E+02
-80.000	-0.800E+02	.972E+00	.740E-03	.370E-04	.426E-05	.280E+01	.184E+01	.479E+01	.137E+02
-85.000	-0.850E+02	.974E+00	.660E-03	.313E-04	.342E-05	.264E+01	.185E+01	.485E+01	.123E+02
-90.000	-0.900E+02	.975E+00	.592E-03	.267E-04	.277E-05	.250E+01	.186E+01	.491E+01	.110E+02
-95.000	-0.950E+02	.976E+00	.534E-03	.230E-04	.227E-05	.237E+01	.186E+01	.496E+01	.100E+02
-100.000	-0.100E+03	.977E+00	.484E-03	.194E-04	.180E-05	.225E+01	.187E+01	.500E+01	.909E+01

		C(1)=2,30759		C(1)=2,20		ALBDA# .85			
ALPHA	AL/LAM	AHC(1)	AHC(2)	AHC(3)	AHC(4)	CVALV	CSLP	CRLV	VARLV
-0.001	-0.121E-02	.166F+02	.936E-03	.667E+03	.525E+03	.184F+02	.233E+02	.596E+03	.201E+03
-0.002	-0.242E-02	.295F+02	.166E-02	.118F+02	.925E+03	.138E+02	.175E+02	.334E+03	.639E+04
-0.003	-0.363E-02	.412F+02	.231E-02	.164F+02	.128E+02	.117E+02	.147E+02	.230E+03	.327E+04
-0.004	-0.484E-02	.523F+02	.292E-02	.206F+02	.162E+02	.105E+02	.131E+02	.187E+03	.203E+04
-0.005	-0.605E-02	.628E+02	.351E-02	.247F+02	.194E+02	.942E+01	.119E+02	.155E+03	.141E+04
-0.006	-0.726E-02	.730E+02	.407E-02	.286F+02	.224E+02	.874E+01	.110E+02	.132E+03	.104E+04
-0.007	-0.847E-02	.829E+02	.461E-02	.323E+02	.253E+02	.819E+01	.103E+02	.110E+03	.807E+03
-0.008	-0.968E-02	.920E+02	.514E-02	.360E+02	.281E+02	.775E+01	.976E+01	.103E+03	.648E+03
-0.009	-0.109E-01	.102E+01	.566E-02	.395E+02	.309E+02	.737E+01	.928E+01	.935E+02	.533E+03
-0.010	-0.121E-01	.111F+01	.616E-02	.429F+02	.335E+02	.706F+01	.887E+01	.853E+02	.448E+03
-0.020	-0.242E-01	.197E+01	.107E+01	.732E+02	.568E+02	.527E+01	.658E+01	.463E+02	.143E+03
-0.030	-0.363E-01	.274E+01	.148E+01	.989E+02	.763E+02	.444E+01	.551E+01	.514E+02	.738E+02
-0.040	-0.484E-01	.346E+01	.185E+01	.121F+01	.931E+02	.393E+01	.484E+01	.243E+02	.402E+02
-0.050	-0.605E-01	.415F+01	.219E+01	.141E+01	.108E+01	.357E+01	.437E+01	.190E+02	.321E+02
-0.060	-0.726E-01	.486E+01	.251E+01	.154F+01	.121E+01	.330E+01	.401E+01	.163E+02	.259E+02
-0.070	-0.847E-01	.544E+01	.281E+01	.176E+01	.133E+01	.308E+01	.373E+01	.136E+02	.167E+02
-0.080	-0.968E-01	.605F+01	.309E+01	.190F+01	.144E+01	.291E+01	.350E+01	.120E+02	.151E+02
-0.090	-0.109E+00	.665F+01	.337E+01	.204E+01	.153E+01	.276F+01	.330E+01	.105E+02	.125L+02
-0.100	-0.121E+00	.723E+01	.362E+01	.216E+01	.162E+01	.265F+01	.313E+01	.932E+01	.104L+02
-0.200	-0.242E+00	.124F+00	.569E+01	.292F+01	.215E+01	.195E+01	.215E+01	.364E+01	.350E+01
-0.300	-0.363E+00	.168F+00	.712E+01	.317E+01	.234E+01	.159E+01	.167E+01	.161E+01	.197E+01
-0.400	-0.484E+00	.206F+00	.814E+01	.315E+01	.237E+01	.138F+01	.136E+01	.579E+00	.150E+01
-0.500	-0.605E+00	.241F+00	.887E+01	.295F+01	.233E+01	.124F+01	.113E+01	.364E+01	.958L+00
-0.600	-0.726E+00	.272F+00	.939E+01	.273E+01	.226E+01	.113F+01	.950E+00	.435E+00	.751E+00
-0.700	-0.847E+00	.304E+00	.974E+01	.244F+01	.218E+01	.104E+01	.804E+00	.707E+00	.615L+00
-0.800	-0.968E+00	.326E+00	.998E+01	.214E+01	.209E+01	.968E+00	.680E+00	.698E+00	.520E+00
-0.900	-0.109E+01	.350F+00	.101E+00	.184E+01	.201E+01	.908E+00	.573E+00	.105E+01	.450E+00
-1.000	-0.121E+01	.375F+00	.102E+00	.155E+01	.194E+01	.856E+00	.478E+00	.113E+01	.397E+00
-2.000	-0.242E+01	.531E+00	.907E+01	.311E+02	.144E+01	.567E+00	.114E+00	.125E+01	.105E+00
-3.000	-0.363E+01	.625E+00	.735E+01	.881E+02	.113E+01	.434E+00	.442E+00	.418E+00	.123E+00
-4.000	-0.484E+01	.687E+00	.593E+01	.960E+02	.872E+02	.355E+00	.665E+00	.518E+00	.920E+01
-5.000	-0.605L+01	.731F+00	.483E+01	.883E+02	.673E+02	.301E+00	.832E+00	.114E+00	.733E+01
-6.000	-0.726E+01	.765F+00	.400E+01	.770E+02	.521E+02	.261E+00	.968E+00	.258E+00	.605E+01
-7.000	-0.847E+01	.791F+00	.335E+01	.657E+02	.405E+02	.232E+00	.107E+01	.607E+00	.511E+01
-8.000	-0.968E+01	.811F+00	.285E+01	.557E+02	.319E+02	.208F+00	.116E+01	.930E+00	.440E+01
-9.000	-0.109E+02	.828F+00	.245E+01	.472E+02	.253E+02	.189E+00	.123E+01	.123E+01	.383E+01
-10.000	-0.121E+02	.843F+00	.217E+01	.402E+02	.203E+02	.173F+00	.150E+01	.150E+01	.338E+01
-15.000	-0.181E+02	.889F+00	.117E+01	.194E+02	.769E+03	.122E+00	.152E+01	.257E+01	.200E+01
-20.000	-0.242E+02	.914F+00	.743E+02	.106E+02	.349E+03	.983E+01	.166E+01	.332E+01	.133E+01
-25.000	-0.302E+02	.930F+00	.511E+02	.634E+03	.179E+03	.769E+01	.175E+01	.380E+01	.950E+02
-30.000	-0.363E+02	.941F+00	.373E+02	.413E+03	.101E+03	.650E+01	.181E+01	.427E+01	.713E+02
-35.000	-0.423E+02	.949F+00	.284E+02	.282E+03	.614E+04	.562E+01	.186E+01	.460E+01	.555E+02
-40.000	-0.484E+02	.955F+00	.224E+02	.201E+03	.394E+04	.496E+01	.190E+01	.480E+01	.445E+02
-45.000	-0.544E+02	.960F+00	.161E+02	.148E+03	.764E+04	.443E+01	.193E+01	.507E+01	.360E+02
-50.000	-0.605E+02	.965F+00	.149E+02	.112F+03	.163E+04	.401E+01	.195E+01	.525E+01	.304E+02
-55.000	-0.665E+02	.967E+00	.125E+02	.870E+04	.131E+04	.366E+01	.197E+01	.540E+01	.257E+02
-60.000	-0.726E+02	.969F+00	.106E+02	.688F+04	.963E+05	.336E+01	.199E+01	.553E+01	.221E+02
-65.000	-0.786E+02	.972F+00	.914E+03	.554E+04	.723E+05	.311E+01	.200E+01	.565E+01	.191E+02
-70.000	-0.847E+02	.974F+00	.795E+03	.452E+04	.553E+05	.290E+01	.202E+01	.575E+01	.167E+02
-75.000	-0.907E+02	.975E+00	.698E+03	.374E+04	.431E+05	.271E+01	.203E+01	.584E+01	.148E+02
-80.000	-0.968E+02	.977F+00	.618E+03	.315E+04	.340E+05	.254E+01	.204E+01	.591E+01	.131E+02
-85.000	-0.103E+03	.978E+00	.550E+03	.264E+04	.272L+05	.240E+01	.205E+01	.598E+01	.118E+02
-90.000	-0.109E+03	.979E+00	.494E+03	.225E+04	.220L+05	.227E+01	.205E+01	.605E+01	.106E+02
-95.000	-0.115E+03	.980F+00	.445E+03	.194E+04	.180L+05	.215E+01	.206E+01	.611E+01	.959E+03
-100.000	-0.121E+03	.981F+00	.403E+03	.168E+04	.149L+05	.205F+01	.207E+01	.616E+01	.872L+03

ALPHA	AL/LAH	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-0.001	-144E-02	.462E-02	.284E-02	.212E-02	.173E-02	.115E+02	.140E+02	.212E+03	.327E+04
-0.002	-289E-02	.748E-02	.457E-02	.339E-02	.275E-02	.904E+01	.110E+02	.129E+03	.125E+04
-0.003	-432E-02	.991E-02	.663E-02	.444E-02	.361E-02	.783E+01	.949E+01	.945E+02	.710L+03
-0.004	-576E-02	.121F-01	.737E-02	.538E-02	.436E-02	.708E+01	.856E+01	.180E+02	.476E+03
-0.005	-720E-02	.141F-01	.853E-02	.623E-02	.504E-02	.654E+01	.790E+01	.662F+02	.349E+03
-0.006	-864E-02	.164F-01	.965E-02	.701E-02	.566E-02	.613E+01	.739E+01	.578F+02	.211E+03
-0.007	-101E-01	.178F-01	.107E-01	.775E-02	.625E-02	.581E+01	.699E+01	.514E+02	.219E+03
-0.008	-115E-01	.196F-01	.117E-01	.844E-02	.679E-02	.554E+01	.665E+01	.465E+02	.182E+03
-0.009	-130E-01	.212F-01	.127E-01	.904E-02	.751E-02	.531E+01	.637E+01	.425E+02	.154E+03
-0.010	-144E-01	.278E-01	.136E-01	.972E-02	.780E-02	.511E+01	.613E+01	.392E+02	.133E+03
-0.020	-288E-01	.368F-01	.215E-01	.148E-01	.118E-01	.398E+01	.471E+01	.225E+02	.510E+02
-0.030	-432E-01	.486E-01	.278E-01	.186E-01	.147E-01	.343E+01	.402E+01	.159E+02	.291E+02
-0.040	-576E-01	.592E-01	.353E-01	.211E-01	.170E-01	.308E+01	.357E+01	.173E+02	.196E+02
-0.050	-720E-01	.689F-01	.382E-01	.242E-01	.188E-01	.283E+01	.325E+01	.992E+01	.144E+02
-0.060	-864E-01	.786F-01	.426E-01	.264E-01	.204E-01	.264F+01	.301E+01	.825E+01	.112E+02
-0.070	-101E+00	.866E-01	.466E-01	.282E-01	.217E-01	.249F+01	.281E+01	.699E+01	.911E+01
-0.080	-115E+00	.947E-01	.503E-01	.291E-01	.228E-01	.237E+01	.264E+01	.601E+01	.760E+01
-0.090	-130E+00	.102E+00	.557E-01	.311E-01	.237E-01	.226E+01	.250E+01	.523E+01	.648E+01
-0.100	-144E+00	.110E+00	.569E-01	.322E-01	.245E-01	.217E+01	.238E+01	.458E+01	.562E+01
-0.200	-288E+00	.173F+00	.800E-01	.371E-01	.280E-01	.164F+01	.164E+01	.130E+01	.225E+01
-0.300	-432E+00	.223F+00	.959E-01	.360E-01	.280E-01	.137E+01	.125E+01	.182E+00	.134E+01
-0.400	-576E+00	.265F+00	.103E+00	.327E-01	.270E-01	.121E+01	.995E+00	.433E+00	.944E+00
-0.500	-720E+00	.302F+00	.108E+00	.284E-01	.257E-01	.109E+01	.802E+00	.196E+00	.724E+00
-0.600	-864E+00	.335F+00	.111E+00	.240E-01	.244E-01	.990E+00	.64AE+00	.102E+01	.586E+00
-0.700	-101E+01	.364E+00	.113E+00	.196E-01	.252L-01	.423E+00	.519E+00	.117E+01	.493E+00
-0.800	-115E+01	.390F+00	.117E+00	.156E-01	.221E-01	.862E+00	.410E+00	.12E+01	.426E+00
-0.900	-130E+01	.414F+00	.113E+00	.114E-01	.212E-01	.811E+00	.314E+00	.133E+01	.375E+00
-1.000	-144E+01	.436E+00	.112E+00	.854E-02	.204E-01	.767E+00	.228E+00	.137E+01	.335E+00
-2.000	-288E+01	.587F+00	.911E-01	.890E-02	.153E-01	.514E+00	.323E+00	.116E+01	.189E+00
-3.000	-432E+01	.673E+00	.78AE-01	.121E-01	.116E-01	.395E+00	.640E+00	.678E+00	.115E+00
-4.000	-576E+01	.779E+00	.556E-01	.113E-01	.875E-02	.323E+00	.859E+00	.171E+00	.878E+01
-5.000	-720E+01	.769F+00	.444E-01	.964E-02	.658E-02	.275E+00	.102E+01	.312E+00	.705E+01
-6.000	-864E+01	.798F+00	.364E-01	.802E-02	.498E-02	.239E+00	.115E+01	.198E+00	.584E+01
-7.000	-101E+02	.821F+00	.302E-01	.663E-02	.381E-02	.212E+00	.126E+01	.117E+01	.495E+01
-8.000	-115E+02	.839F+00	.255E-01	.549E-02	.295E-02	.190E+00	.135E+01	.154E+01	.427E+01
-9.000	-130E+02	.854F+00	.21AE-01	.458E-02	.231E-02	.173E+00	.143E+01	.188E+01	.372E+01
-10.000	-144E+02	.866F+00	.18AE-01	.364E-02	.184E-02	.158E+00	.149E+01	.219E+01	.328E+01
-15.000	-214E+02	.906F+00	.102E-01	.178E-02	.672E-03	.112E+00	.12E+01	.341E+01	.194E+01
-20.000	-288E+02	.921F+00	.642E-02	.952E-03	.299E-03	.864E-01	.185E+01	.425E+01	.129E+01
-25.000	-300E+02	.941F+00	.440E-02	.566E-03	.152E-03	.705E-01	.194E+01	.486E+01	.923E+02
-30.000	-432E+02	.95UE+00	.320E-02	.363E-03	.851E-04	.595E-01	.201E+01	.532E+01	.692E+02
-35.000	-504E+02	.957E+00	.243E-02	.246E-03	.513E-04	.515E-01	.205E+01	.588E+01	.539E+02
-40.000	-576E+02	.962E+00	.191E-02	.174E-03	.327E-04	.454E-01	.209E+01	.598E+01	.431E+02
-45.000	-648E+02	.960F+00	.154E-02	.128E-03	.218E-04	.406E-01	.212E+01	.621E+01	.353E+02
-50.000	-720E+02	.969F+00	.127E-02	.968F-04	.151E-04	.361E-01	.215E+01	.641E+01	.294E+02
-55.000	-792E+02	.972F+00	.106E-02	.744F-04	.108E-04	.335E-01	.217E+01	.658E+01	.249E+02
-60.000	-864E+02	.974F+00	.901E-03	.592F-04	.790E-05	.308E-01	.219E+01	.673E+01	.214E+02
-65.000	-936E+02	.976E+00	.775E-03	.475E-04	.592E-05	.285E-01	.220E+01	.686E+01	.185E+02
-70.000	-101E+03	.978F+00	.674E-03	.381E-04	.453E-05	.266E-01	.221E+01	.697E+01	.162E+02
-75.000	-108E+03	.979E+00	.591E-03	.320E-04	.352L-05	.248E-01	.223E+01	.706E+01	.143E+02
-80.000	-115E+03	.980F+00	.523E-03	.261E-04	.278E-05	.233F-01	.224E+01	.715E+01	.127E+02
-85.000	-122E+03	.982E+00	.466E-03	.226E-04	.222E-05	.224E-01	.225E+01	.723E+01	.114E+02
-90.000	-130E+03	.985E+00	.417E-03	.192E-04	.179E-05	.208E-01	.225E+01	.730E+01	.103L+02
-95.000	-137E+03	.984F+00	.376E-03	.165E-04	.147E-05	.191E-01	.226E+01	.736E+01	.928L-03
-100.000	-144E+03	.984E+00	.341E-03	.143E-04	.121E-05	.188E-01	.227E+01	.742E+01	.844E-03

		L(1)=2.30259		C31=2.60		ALBUAR		.59	
ALPHA	ALV/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARGV
-0.001	-0.169E-02	.102E-01	.669E-02	.514E-02	.430E-02	.194E+01	.939E+01	.924E+02	.799E+03
-0.002	-0.33AE-02	.154E-01	.100E-01	.759E-02	.631E-02	.640E+01	.759E+01	.601E+02	.351E+03
-0.003	-0.507E-02	.196E-01	.126E-01	.949E-02	.767E-02	.573E+01	.668E+01	.463E+02	.217E+03
-0.004	-0.67AE-02	.232E-01	.149E-01	.111E-01	.916E-02	.525E+01	.610E+01	.383E+02	.154E+03
-0.005	-0.845E-02	.265E-01	.169E-01	.125E-01	.103E-01	.490E+01	.508E+01	.330E+02	.118E+03
-0.006	-0.101E-01	.295E-01	.187E-01	.133E-01	.113E-01	.464E+01	.536E+01	.292E+02	.954E+02
-0.007	-0.118E-01	.323E-01	.204E-01	.149E-01	.122E-01	.442E+01	.510E+01	.262E+02	.744E+02
-0.008	-0.135E-01	.354E-01	.220E-01	.159E-01	.130E-01	.424E+01	.408E+01	.239E+02	.678E+02
-0.009	-0.152E-01	.375E-01	.235E-01	.169E-01	.138E-01	.409E+01	.469E+01	.220E+02	.569E+02
-0.010	-0.169E-01	.399E-01	.249E-01	.178E-01	.145E-01	.396E+01	.453E+01	.204E+02	.520E+02
-0.020	-0.33AE-01	.600E-01	.363E-01	.247E-01	.198E-01	.318E+01	.357E+01	.120E+02	.229E+02
-0.030	-0.507E-01	.761E-01	.449E-01	.292E-01	.232E-01	.270E+01	.307E+01	.852E+01	.142E+02
-0.040	-0.67AE-01	.900E-01	.519E-01	.325E-01	.258E-01	.253E+01	.275E+01	.651E+01	.101E+02
-0.050	-0.845E-01	.102E+00	.579E-01	.350E-01	.274E-01	.235E+01	.252E+01	.510E+01	.775E+01
-0.060	-0.101E+00	.114E+00	.631E-01	.370E-01	.288E-01	.221E+01	.233E+01	.422E+01	.626E+01
-0.070	-0.118E+00	.124E+00	.67AE-01	.385E-01	.298E-01	.209E+01	.218E+01	.349E+01	.522E+01
-0.080	-0.135E+00	.134E+00	.719E-01	.396E-01	.306E-01	.200E+01	.205E+01	.292E+01	.447E+01
-0.090	-0.152E+00	.144E+00	.757E-01	.405E-01	.312E-01	.192E+01	.194E+01	.245E+01	.390E+01
-0.100	-0.169E+00	.152E+00	.792E-01	.412E-01	.317E-01	.185E+01	.185L+01	.206E+01	.345E+01
-0.200	-0.33AE+00	.224E+00	.102E+00	.409E-01	.324E-01	.143E+01	.125E+01	.102E+00	.157E+01
-0.300	-0.507E+00	.276E+00	.114E+00	.357E-01	.306E-01	.121E+01	.930E+00	.640E+00	.100E+01
-0.400	-0.67AE+00	.323E+00	.120E+00	.294E-01	.286E-01	.107F+01	.707E+00	.101E+01	.735E+00
-0.500	-0.845E+00	.361F+00	.123E+00	.231E-01	.268E-01	.972E+00	.536E+00	.122E+01	.583E+00
-0.600	-0.101E+01	.393F+00	.124E+00	.173E-01	.253E-01	.894E+00	.398E+00	.135E+01	.484E+00
-0.700	-0.118E+01	.422F+00	.123E+00	.122E-01	.240E-01	.831E+00	.262E+00	.142E+01	.416E+00
-0.800	-0.135E+01	.448E+00	.122E+00	.771E-02	.230E-01	.778E+00	.161E+00	.145E+01	.365E+00
-0.900	-0.152E+01	.472E+00	.120E+00	.384E-02	.221E-01	.734E+00	.926E-01	.146E+01	.326E+00
-1.000	-0.169E+01	.493F+00	.117E+00	.521E-03	.214E-01	.695F+00	.151E-01	.145E+01	.295L+00
-2.000	-0.33AE+01	.630F+00	.893E-01	.-137E-01	.160E-01	.47UE+00	.514E+00	.992E+00	.158E+00
-3.000	-0.507E+01	.714F+00	.671E-01	.-145E-01	.118E-01	.563E+00	.824E+00	.369E+00	.110E+00
-4.000	-0.67AE+01	.764E+00	.517E-01	.-122E-01	.865E-02	.297E+00	.104E+01	.241E+00	.848E-01
-5.000	-0.845E+01	.799F+00	.408E-01	.-995E-02	.635E-02	.253E+00	.121E+01	.807E+00	.684E-01
-6.000	-0.101E+02	.825F+00	.330E-01	.-802E-02	.41E-02	.220E+00	.134E+01	.132E+01	.569E-01
-7.000	-0.118E+02	.845E+00	.272E-01	.-649E-02	.355E-02	.195E+00	.144E+01	.174E+01	.483E-01
-8.000	-0.135E+02	.861E+00	.228E-01	.-529E-02	.272E-02	.175E+00	.153L+01	.222E+01	.417E-01
-9.000	-0.152E+02	.874F+00	.194E-01	.-475F-02	.211E-02	.154E+00	.161E+01	.260F+01	.364E-01
-10.000	-0.169E+02	.885F+00	.167E-01	.-361E-02	.166E-02	.146E+00	.168E+01	.296E+01	.321E-01
-15.000	-0.253E+02	.914F+00	.898E-02	.-162E-02	.591E-03	.103E+00	.190E+01	.435E+01	.190E-01
-20.000	-0.33AE+02	.936F+00	.559E-02	.-654E-03	.259E-03	.798E-01	.204E+01	.527E+01	.126E-01
-25.000	-0.422E+02	.949F+00	.381E-02	.-502E-03	.130E-03	.651F-01	.213L+01	.595E+01	.902E-02
-30.000	-0.507E+02	.957F+00	.27LE-02	.-320E-03	.724E-04	.549E-01	.220E+01	.64E+01	.676E-02
-35.000	-0.591E+02	.963E+00	.210E-02	.-210E-03	.434E-04	.476E-01	.225E+01	.687E+01	.526E-02
-40.000	-0.67AE+02	.967F+00	.164E-02	.-153E-03	.276E-04	.419E-01	.229E+01	.719E+01	.421E-02
-45.000	-0.76AE+02	.971E+00	.132E-02	.-112E-03	.183E-04	.375F-01	.232E+01	.746E+01	.345E-02
-50.000	-0.845E+02	.974E+00	.109E-02	.-842E-04	.127E-04	.339E-01	.234E+01	.768E+01	.287E-02
-55.000	-0.929E+02	.976F+00	.911E-03	.-651F-04	.903E-05	.304E-01	.236E+01	.781E+01	.243E-02
-60.000	-0.101E+03	.976F+00	.774E-03	.-513E-04	.660E-05	.284E-01	.238E+01	.803E+01	.208E-02
-65.000	-0.110E+03	.98UF+00	.665E-03	.-411F-04	.494E-05	.263E-01	.240E+01	.817E+01	.181E-02
-70.000	-0.118E+03	.981E+00	.57RE-03	.-335E-04	.377E-05	.245E-01	.241E+01	.824E+01	.158E-02
-75.000	-0.127E+03	.982E+00	.507E-03	.-27E-04	.293E-05	.224E-01	.242E+01	.840E+01	.140E-02
-80.000	-0.135E+03	.983E+00	.448E-03	.-231E-04	.231E-05	.215E-01	.243E+01	.850E+01	.124E-02
-85.000	-0.144E+03	.984E+00	.399E-03	.-195E-04	.184E-05	.203E-01	.244E+01	.858E+01	.111E-02
-90.000	-0.152E+03	.985F+00	.358E-03	.-160E-04	.149E-05	.192E-01	.245E+01	.860E+01	.999E-03
-95.000	-0.161E+03	.986F+00	.322E-03	.-142E-04	.122E-05	.182E-01	.246E+01	.873E+01	.904E-03
-100.000	-0.169E+03	.987F+00	.292E-03	.-123E-04	.100E-05	.175E-01	.246E+01	.879E+01	.822E-03

ALPHA	AL/LAH	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CLLP	VARCV
-0.001	-0.196E-02	-0.105F+01	-0.131E+01	-0.102E+01	-0.668E-02	-0.596E+01	-0.678E+01	-0.472E+02	-0.201E+03
-0.002	-0.342E-02	-0.274F+01	-0.185E+01	-0.141E+01	-0.119E+01	-0.490E+01	-0.561E+01	-0.317E+02	-0.129E+03
-0.003	-0.588E-02	-0.337F+01	-0.225E+01	-0.169E+01	-0.142E+01	-0.405F+01	-0.500E+01	-0.284E+02	-0.849E+02
-0.004	-0.784E-02	-0.390F+01	-0.259E+01	-0.192E+01	-0.160E+01	-0.412E+01	-0.461E+01	-0.209E+02	-0.632E+02
-0.005	-0.980E-02	-0.437F+01	-0.288E+01	-0.211F+01	-0.175E+01	-0.388E+01	-0.432E+01	-0.181E+02	-0.502E+02
-0.006	-0.111E-01	-0.494F+01	-0.314E+01	-0.248F+01	-0.189E+01	-0.369F+01	-0.409E+01	-0.161E+02	-0.417E+02
-0.007	-0.137E-01	-0.519F+01	-0.334E+01	-0.243E+01	-0.200E+01	-0.354F+01	-0.391E+01	-0.146E+02	-0.356E+02
-0.008	-0.157E-01	-0.555F+01	-0.359E+01	-0.256E+01	-0.211E+01	-0.341E+01	-0.375E+01	-0.133E+02	-0.310E+02
-0.009	-0.171E-01	-0.590F+01	-0.380E+01	-0.268F+01	-0.220E+01	-0.330F+01	-0.328E+01	-0.123E+02	-0.275E+02
-0.010	-0.196E-01	-0.622E+01	-0.399E+01	-0.274E+01	-0.228E+01	-0.321F+01	-0.315E+01	-0.114E+02	-0.247E+02
-0.020	-0.392E+01	-0.844E+01	-0.540E+01	-0.455E+01	-0.266E+01	-0.264E+01	-0.280E+01	-0.685E+01	-0.121E+02
-0.030	-0.588E+01	-0.108E+00	-0.646E+01	-0.394E+01	-0.317E+01	-0.234E+01	-0.243E+01	-0.459E+01	-0.799E+01
-0.040	-0.784E+01	-0.125E+00	-0.727E+01	-0.427E+01	-0.337E+01	-0.215F+01	-0.218E+01	-0.336E+01	-0.595E+01
-0.050	-0.980E+01	-0.140F+00	-0.743E+01	-0.445E+01	-0.350E+01	-0.201F+01	-0.199E+01	-0.256E+01	-0.474E+01
-0.060	-0.111E+00	-0.155F+00	-0.849E+01	-0.457E+01	-0.358E+01	-0.190E+01	-0.185E+01	-0.197E+01	-0.393E+01
-0.070	-0.137E+00	-0.166F+00	-0.894E+01	-0.464E+01	-0.363E+01	-0.181E+01	-0.172E+01	-0.151E+01	-0.336E+01
-0.080	-0.157E+00	-0.177F+00	-0.940E+01	-0.468E+01	-0.366E+01	-0.175E+01	-0.162E+01	-0.114E+01	-0.294E+01
-0.090	-0.176E+00	-0.188F+00	-0.978E+01	-0.469E+01	-0.368E+01	-0.167E+01	-0.153E+01	-0.847E+00	-0.261E+01
-0.100	-0.196E+00	-0.198F+00	-0.101E+00	-0.467E+01	-0.368E+01	-0.161E+01	-0.145E+01	-0.594E+00	-0.234E+01
-0.200	-0.342E+00	-0.270F+00	-0.122E+00	-0.403F+01	-0.346E+01	-0.127F+01	-0.951E+00	-0.661E+00	-0.117E+01
-0.300	-0.588E+00	-0.332F+00	-0.130E+00	-0.315E+01	-0.316E+01	-0.109E+01	-0.667E+00	-0.113E+01	-0.793E+00
-0.400	-0.784E+00	-0.371F+00	-0.133E+00	-0.277E+01	-0.242E+01	-0.967F+00	-0.467E+00	-0.135E+01	-0.604E+00
-0.500	-0.980E+00	-0.415F+00	-0.133E+00	-0.152F+01	-0.274E+01	-0.880F+00	-0.312E+00	-0.146E+01	-0.492E+00
-0.600	-0.111E+01	-0.447F+00	-0.132E+00	-0.885E+02	-0.260E+01	-0.812E+00	-0.185E+00	-0.151E+01	-0.417E+00
-0.700	-0.137E+01	-0.476F+00	-0.130E+00	-0.355E+02	-0.249E+01	-0.756E+00	-0.762E+01	-0.152E+01	-0.363E+00
-0.800	-0.157E+01	-0.501F+00	-0.126E+00	-0.826E+03	-0.239E+01	-0.710E+00	-0.184E+01	-0.150E+01	-0.323E+00
-0.900	-0.176E+01	-0.523F+00	-0.123E+00	-0.442E+02	-0.231E+01	-0.670E+00	-0.102E+00	-0.147E+01	-0.292E+00
-1.000	-0.196E+01	-0.544F+00	-0.120E+00	-0.736E+02	-0.224E+01	-0.636E+00	-0.178E+00	-0.145F+01	-0.267E+00
-2.000	-0.342E+01	-0.676E+00	-0.860E+01	-0.174F+01	-0.166E+01	-0.433F+00	-0.699E+00	-0.159E+00	-0.150E+00
-3.000	-0.588E+01	-0.1048F+00	-0.629E+01	-0.151E+01	-0.119E+01	-0.335E+00	-0.997E+00	-0.229E+02	-0.106E+00
-4.000	-0.784E+01	-0.793F+00	-0.477E+01	-0.126F+01	-0.844E+02	-0.275E+00	-0.121E+01	-0.711E+00	-0.825E+01
-5.000	-0.980E+01	-0.824F+00	-0.373E+01	-0.994E+02	-0.606E+02	-0.234E+00	-0.158E+01	-0.136E+01	-0.669E+01
-6.000	-0.111E+02	-0.84F+00	-0.299E+01	-0.783E+02	-0.443E+02	-0.204E+00	-0.151E+01	-0.195E+01	-0.558E+01
-7.000	-0.137E+02	-0.865F+00	-0.245L+01	-0.623E+02	-0.350E+02	-0.181E+00	-0.162L+01	-0.248E+01	-0.474E+01
-8.000	-0.157E+02	-0.874F+00	-0.205E+01	-0.501E+02	-0.250E+02	-0.163E+00	-0.171L+01	-0.296E+01	-0.409E+01
-9.000	-0.176E+02	-0.890F+00	-0.173E+01	-0.408E+02	-0.192E+02	-0.148E+00	-0.179L+01	-0.340E+01	-0.358E+01
-10.000	-0.196E+02	-0.909F+00	-0.149E+01	-0.336F+02	-0.150E+02	-0.135E+00	-0.166E+01	-0.374E+01	-0.315E+01
-15.000	-0.294E+02	-0.930E+00	-0.792E+02	-0.147F+02	-0.522E+03	-0.957F+01	-0.209E+01	-0.533E+01	-0.187E+01
-20.000	-0.342E+02	-0.946F+00	-0.491E+02	-0.766E+03	-0.226E+03	-0.740E+01	-0.223E+01	-0.638E+01	-0.124L+01
-25.000	-0.494E+02	-0.956F+00	-0.333E+02	-0.441E+03	-0.113E+03	-0.604E+01	-0.232E+01	-0.713E+01	-0.866E+02
-30.000	-0.588E+02	-0.943F+00	-0.241E+02	-0.183E+03	-0.623E+04	-0.510E+01	-0.239E+01	-0.770E+01	-0.664E+02
-35.000	-0.686E+02	-0.968F+00	-0.183E+02	-0.191E+03	-0.372E+04	-0.492E+01	-0.244E+01	-0.815E+01	-0.516L+02
-40.000	-0.784E+02	-0.972F+00	-0.143E+02	-0.134E+03	-0.236E+04	-0.389E+01	-0.248E+01	-0.851E+01	-0.413E+02
-45.000	-0.882E+02	-0.975F+00	-0.115E+02	-0.981E+04	-0.156E+04	-0.348E+01	-0.251E+01	-0.880E+01	-0.338E+02
-50.000	-0.980E+02	-0.977F+00	-0.946E+03	-0.730E+04	-0.106E+04	-0.315E+01	-0.254E+01	-0.905E+01	-0.281L+02
-55.000	-0.108E+03	-0.979F+00	-0.791E+03	-0.569E+04	-0.767E+05	-0.28E+01	-0.256E+01	-0.925E+01	-0.238E+02
-60.000	-0.118E+03	-0.981F+00	-0.671E+03	-0.448E+04	-0.560E+05	-0.264E+01	-0.258E+01	-0.945E+01	-0.204E+02
-65.000	-0.127E+03	-0.982F+00	-0.577E+03	-0.354E+04	-0.419E+05	-0.244E+01	-0.259E+01	-0.959E+01	-0.177E+02
-70.000	-0.137E+03	-0.984F+00	-0.501E+03	-0.292E+04	-0.319E+05	-0.228E+01	-0.261L+01	-0.972E+01	-0.155L+02
-75.000	-0.147E+03	-0.985F+00	-0.439E+03	-0.241E+04	-0.248E+05	-0.213E+01	-0.262E+01	-0.984E+01	-0.137E+02
-80.000	-0.157E+03	-0.986F+00	-0.388E+03	-0.201E+04	-0.195E+05	-0.200E+01	-0.263E+01	-0.995E+01	-0.121E+02
-85.000	-0.167E+03	-0.986F+00	-0.346E+03	-0.170E+04	-0.158E+05	-0.188E+01	-0.264E+01	-0.100E+02	-0.109E+02
-90.000	-0.176E+03	-0.987F+00	-0.310E+03	-0.144E+04	-0.126E+05	-0.178E+01	-0.265E+01	-0.101E+02	-0.978E+03
-95.000	-0.186E+03	-0.988F+00	-0.279E+03	-0.124E+04	-0.103E+05	-0.164E+01	-0.265E+01	-0.102E+02	-0.865L+03
-100.000	-0.196E+03	-0.988F+00	-0.253E+03	-0.10E+04	-0.847E+06	-0.161E+01	-0.266E+01	-0.103E+02	-0.805L+03

		C(1)=2,30259	C81=3,00	ALBUAR = 44					
ALPHA	AL/LAM	AMNU(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	C8LP	CKLP	VARLV
-0.001	-0.25E+02	.32UE+01	.225E+01	.175E+01	.149E+01	.468E+01	.517E+01	.268E+02	.10AE+03
-0.002	-0.450E+02	.436E+01	.301E+01	.227E+01	.192E+01	.390E+01	.455E+01	.182E+02	.572E+02
-0.003	-0.675E+02	.522E+01	.356E+01	.263E+01	.221E+01	.362E+01	.391E+01	.144E+02	.398E+02
-0.004	-0.900E+02	.593E+01	.401E+01	.291E+01	.243E+01	.338E+01	.362E+01	.121E+02	.307E+02
-0.005	-0.112E+01	.655E+01	.438E+01	.313E+01	.260E+01	.320E+01	.341E+01	.105E+02	.292E+02
-0.006	-0.135E+01	.710E+01	.471E+01	.332E+01	.275E+01	.306E+01	.324E+01	.937E+01	.214E+02
-0.007	-0.157E+01	.760E+01	.501E+01	.346E+01	.287E+01	.295E+01	.310E+01	.844E+01	.186E+02
-0.008	-0.180E+01	.806E+01	.528E+01	.362E+01	.298E+01	.285E+01	.299E+01	.770E+01	.165E+02
-0.009	-0.202E+01	.844E+01	.553E+01	.375E+01	.307E+01	.277E+01	.289E+01	.701E+01	.149E+02
-0.010	-0.225E+01	.890E+01	.575E+01	.386E+01	.316E+01	.270E+01	.280E+01	.654E+01	.135E+02
-0.020	-0.450E+01	.121E+00	.744E+01	.456E+01	.367E+01	.220E+01	.225E+01	.363E+01	.725E+01
-0.030	-0.675E+01	.144E+00	.856E+01	.489E+01	.389E+01	.203E+01	.195E+01	.232E+01	.504E+01
-0.040	-0.900E+01	.164E+00	.940E+01	.504E+01	.401E+01	.18/E+01	.175E+01	.153E+01	.389E+01
-0.050	-0.112E+00	.181E+00	.101E+00	.511E+01	.406E+01	.170E+01	.160E+01	.998E+00	.31AE+01
-0.060	-0.135E+00	.195F+00	.106E+00	.511E+01	.407E+01	.167E+01	.148E+01	.606E+00	.270E+01
-0.070	-0.157E+00	.204E+00	.111E+00	.507E+01	.408E+01	.159E+01	.137E+01	.503E+00	.256E+01
-0.080	-0.180E+00	.221E+00	.115E+00	.501E+01	.404E+01	.153E+01	.129E+01	.611E+01	.209E+01
-0.090	-0.202E+00	.233F+00	.118E+00	.492E+01	.401E+01	.144E+01	.121E+01	.137E+00	.168E+01
-0.100	-0.225E+00	.243E+00	.121E+00	.483E+01	.397E+01	.143E+01	.114E+01	.502E+00	.171E+01
-0.200	-0.450E+00	.325E+00	.138E+00	.358E+01	.354E+01	.114E+01	.702E+00	.1133E+01	.952E+00
-0.300	-0.675E+00	.383F+00	.142E+00	.239E+01	.320E+01	.985E+00	.446E+00	.142E+01	.657E+00
-0.400	-0.900E+00	.428E+00	.142E+00	.140E+01	.297E+01	.882E+00	.261E+00	.155E+01	.516E+00
-0.500	-0.112E+01	.465F+00	.140E+00	.610E-02	.282E+01	.805E+00	.117E+00	.157E+01	.429E+00
-0.600	-0.135E+01	.496E+00	.137E+00	.180E-03	.268E+01	.745E+00	.369E+02	.156E+01	.370E+00
-0.700	-0.157E+01	.524E+00	.132E+00	.515E-02	.258E+01	.695E+00	.107E+00	.153E+01	.326E+00
-0.800	-0.180E+01	.548E+00	.128E+00	.904E-02	.250E+01	.654E+00	.197E+00	.148E+01	.293E+00
-0.900	-0.202E+01	.564E+00	.124E+00	.121E+01	.242E+01	.618E+00	.278E+00	.141E+01	.207E+00
-1.000	-0.225E+01	.588E+00	.119E+00	.144E+01	.235E+01	.58/E+00	.352E+00	.134E+01	.246E+00
-2.000	-0.450E+01	.711E+00	.819E+01	.208E+01	.169E+01	.402E+00	.854E+00	.473E+00	.144E+00
-3.000	-0.675E+01	.776E+00	.587E+01	.165E+01	.117E+01	.312E+00	.116E+01	.415E+00	.103L+00
-4.000	-0.900E+01	.817E+00	.439E+01	.127E+01	.815E+02	.250E+00	.158E+01	.123E+01	.807E+01
-5.000	-0.112E+02	.845E+00	.340E+01	.973E+02	.575E+02	.218E+00	.155E+01	.197E+01	.657E+01
-6.000	-0.135E+02	.866E+00	.271E+01	.753E+02	.415E+02	.190E+00	.168E+01	.263E+01	.549E+01
-7.000	-0.157E+02	.881E+00	.221E+01	.591E+02	.305E+02	.169E+00	.179E+01	.323E+01	.467E+01
-8.000	-0.180E+02	.894E+00	.184E+01	.471E+02	.229E+02	.152E+00	.189E+01	.37/E+01	.403E+01
-9.000	-0.202E+02	.904E+00	.155E+01	.381E+02	.175E+02	.138E+00	.197E+01	.425E+01	.353E+01
-10.000	-0.225E+02	.912E+00	.133E+01	.312E+02	.136E+02	.120E+00	.203E+01	.47UE+01	.311E+01
-15.000	-0.337E+02	.934E+00	.707E+02	.134E+02	.464E+03	.893E+01	.227E+01	.641E+01	.184E+01
-20.000	-0.450E+02	.953E+00	.433E+02	.689E+03	.198E+03	.691E+01	.242E+01	.757E+01	.122E+01
-25.000	-0.562E+02	.962E+00	.294E+02	.400E+03	.984E+04	.564E+01	.251E+01	.840E+01	.872L+02
-30.000	-0.675E+02	.968E+00	.212E+02	.252E+03	.542E+04	.470E+01	.258E+01	.903E+01	.654L+02
-35.000	-0.787E+02	.972E+00	.160E+02	.164E+03	.323E+04	.412E+01	.263E+01	.953E+01	.508L+02
-40.000	-0.900E+02	.975E+00	.126E+02	.119E+03	.204E+04	.363E+01	.267E+01	.992E+01	.406L+02
-45.000	-0.101E+03	.978E+00	.101E+02	.867E+04	.155E+04	.325E+01	.270E+01	.102E+02	.332E+02
-50.000	-0.112E+03	.980E+00	.829E+03	.652E+04	.928E+05	.294E+01	.273E+01	.105E+02	.277E+02
-55.000	-0.124E+03	.982E+00	.693E+03	.502E+04	.860E+05	.260E+01	.275L+01	.107E+02	.254L+02
-60.000	-0.135E+03	.983F+00	.588E+03	.395E+04	.801E+05	.241E+01	.277L+01	.109E+02	.201L+02
-65.000	-0.146E+03	.985F+00	.505E+03	.316E+04	.360E+05	.228E+01	.279E+01	.111E+02	.174E+02
-70.000	-0.157E+03	.986F+00	.435E+03	.255E+04	.274E+05	.212E+01	.280E+01	.113E+02	.152E+02
-75.000	-0.169E+03	.987E+00	.384E+03	.212E+04	.212E+05	.199E+01	.281E+01	.114E+02	.134L+02
-80.000	-0.180E+03	.987E+00	.339E+03	.171E+04	.167E+05	.181E+01	.283E+01	.115E+02	.119E+02
-85.000	-0.191E+03	.988E+00	.302E+03	.149E+04	.133E+05	.170E+01	.284E+01	.116E+02	.107E+02
-90.000	-0.202E+03	.989E+00	.271E+03	.127E+04	.108E+05	.166E+01	.284E+01	.117E+02	.961E+01
-95.000	-0.214E+03	.989E+00	.244E+03	.109E+04	.879E+04	.158E+01	.285E+01	.118E+02	.810E+01
-100.000	-0.225L+03	.990E+00	.221E+03	.937E+05	.724E+06	.150E+01	.286E+01	.119E+02	.791E+01

ALPHA	AL/LAM	C(1)=2.30259	C51=3.50	ALBDA#	,33	CVLP	C5LP	CKLP	VARCV
-,.001	-,.30AE+02	.798F+01	.573E+01	.415E+01	.353E+01	.309E+01	.303E+01	.775E+01	.211E+02
-,.002	-,.613E+02	.10VE+00	.698E+01	.48VE+01	.402E+01	.264E+01	.260E+01	.524E+01	.153E+02
-,.003	-,.919E+02	.114F+00	.781E+01	.516E+01	.428E+01	.245F+01	.236E+01	.403E+01	.102E+02
-,.004	-,.123L+01	.125E+00	.843E+01	.540E+01	.445E+01	.231E+01	.220E+01	.426E+01	.843E+01
-,.005	-,.153E+01	.135F+00	.894E+01	.556E+01	.457E+01	.222E+01	.208E+01	.272E+01	.727E+01
-,.006	-,.184E+01	.143E+00	.937E+01	.564E+01	.466E+01	.214E+01	.198E+01	.230E+01	.684E+01
-,.007	-,.214E+01	.151F+00	.974E+01	.578E+01	.472E+01	.207E+01	.190E+01	.197E+01	.582E+01
-,.008	-,.245E+01	.157F+00	.101E+00	.585E+01	.477E+01	.202E+01	.183E+01	.170E+01	.532E+01
-,.009	-,.276E+01	.165E+00	.104E+00	.590E+01	.481E+01	.197E+01	.177E+01	.147E+01	.492E+01
-,.010	-,.306E+01	.169F+00	.106E+00	.594E+01	.484E+01	.193F+01	.171E+01	.128E+01	.459L+01
-,.020	-,.613E+01	.212F+00	.124E+00	.598E+01	.469E+01	.166E+01	.136E+01	.161E+00	.289L+01
-,.030	-,.919E+01	.201F+00	.135E+00	.575F+01	.460E+01	.15CE+01	.117E+01	.353E+00	.220E+01
-,.040	-,.123E+00	.265E+00	.142E+00	.546F+01	.468E+01	.142E+01	.102E+01	.667E+00	.181E+01
-,.050	-,.153E+00	.284F+00	.147E+00	.514E+01	.456E+01	.135F+01	.915E+00	.882E+00	.156E+01
-,.060	-,.184E+00	.301E+00	.151E+00	.485E+01	.444E+01	.129E+01	.826E+00	.104F+01	.138E+01
-,.070	-,.214E+00	.316F+00	.153E+00	.451E+01	.434E+01	.124E+01	.751E+00	.116E+01	.125E+01
-,.080	-,.245E+00	.330F+00	.156E+00	.421E+01	.424E+01	.120E+01	.685E+00	.125F+01	.114E+01
-,.090	-,.276E+00	.345E+00	.158E+00	.392E+01	.415E+01	.116E+01	.627E+00	.133E+01	.105E+01
-,.100	-,.306E+00	.354F+00	.159E+00	.364E+01	.407E+01	.113E+01	.574E+00	.139E+01	.980E+00
-,.200	-,.613E+00	.430F+00	.162E+00	.444E+01	.355E+01	.914E+00	.220E+00	.165E+01	.614E+00
-,.300	-,.919E+00	.494F+00	.15AE+00	.106F+01	.331E+01	.804F+00	.169E+02	.167E+01	.470E+00
-,.400	-,.123E+01	.530F+00	.151E+00	.1944E-02	.317E+01	.725F+00	.101E+00	.161E+01	.389E+00
-,.500	-,.153E+01	.570F+00	.144E+00	.159E+01	.306E+01	.666E+00	.292E+00	.152F+01	.336E+00
-,.600	-,.184E+01	.596F+00	.137E+00	.204E+01	.297E+01	.619E+00	.403E+00	.141E+01	.298E+00
-,.700	-,.214E+01	.622F+00	.150E+00	.233E+01	.288E+01	.580E+00	.499E+00	.129F+01	.270E+00
-,.800	-,.245E+01	.642F+00	.125E+00	.253E+01	.279E+01	.540E+00	.585E+00	.117E+01	.247E+00
-,.900	-,.276E+01	.661F+00	.117E+00	.265E+01	.269E+01	.518E+00	.663E+00	.104E+01	.229E+00
-1.000	-,.306E+01	.677F+00	.111E+00	.272F+01	.260E+01	.493F+00	.754E+00	.903E+00	.213E+00
-2.000	-,.613E+01	.779E+00	.706E+01	.232E+01	.171E+01	.341E+00	.123E+01	.427E+00	.153E+00
-3.000	-,.919E+01	.830E+00	.487E+01	.16nE+01	.110E+01	.266E+00	.155E+01	.165E+01	.985E+01
-4.000	-,.123E+02	.862E+00	.356E+01	.119E+01	.727E+02	.219E+00	.178E+01	.274E+01	.777E+01
-5.000	-,.153E+02	.884F+00	.272E+01	.875E+02	.495E+02	.187E+00	.195E+01	.371E+01	.636E+01
-6.000	-,.184E+02	.894F+00	.214E+01	.65/E+02	.348E+02	.163E+00	.210E+01	.458E+01	.533E+01
-7.000	-,.214E+02	.911F+00	.173E+01	.505E+02	.251E+02	.144E+00	.221E+01	.535E+01	.455E+01
-8.000	-,.245E+02	.921F+00	.143E+01	.395E+02	.185E+02	.130E+00	.231E+01	.605E+01	.343E+01
-9.000	-,.276E+02	.926E+00	.120E+01	.315E+02	.140E+02	.118E+00	.240E+01	.668E+01	.344E+01
-10.000	-,.306E+02	.935E+00	.107E+01	.255E+02	.107E+02	.108E+00	.247E+01	.725E+01	.303E+01
-15.000	-,.459E+02	.954E+00	.533E+02	.106E+02	.353E+03	.765E+01	.272E+01	.943E+01	.180E+01
-20.000	-,.613E+02	.965F+00	.326E+02	.536E+03	.148E+03	.592E+01	.287E+01	.109F+02	.119E+01
-25.000	-,.766E+02	.972F+00	.220E+02	.308E+03	.726E+04	.483E+01	.298E+01	.120E+02	.849E+02
-30.000	-,.919E+02	.976F+00	.159E+02	.193F+03	.397E+04	.408E+01	.305E+01	.126E+02	.635E+02
-35.000	-,.107E+03	.974F+00	.120E+02	.129E+03	.235E+04	.355E+01	.311E+01	.134E+02	.494E+02
-40.000	-,.123E+03	.982F+00	.935E+03	.900E+04	.147E+04	.311E+01	.315E+01	.134E+02	.395E+02
-45.000	-,.138E+03	.984F+00	.750E+03	.654E+04	.973E+05	.278E+01	.319E+01	.145E+02	.323E+02
-50.000	-,.153E+03	.985F+00	.615L+03	.490E+04	.668E+05	.252E+01	.321E+01	.146E+02	.269E+02
-55.000	-,.168L+03	.987F+00	.514E+03	.377E+04	.473E+05	.23VE+01	.324E+01	.144E+02	.227E+02
-60.000	-,.184L+03	.988F+00	.43AE+03	.296E+04	.345E+05	.211E+01	.326E+01	.152E+02	.195E+02
-65.000	-,.199E+03	.989F+00	.374E+03	.23E+04	.257E+05	.196E+01	.327E+01	.154E+02	.169E+02
-70.000	-,.214E+03	.990F+00	.324E+03	.192E+04	.195E+05	.182E+01	.329E+01	.156E+02	.148L+02
-75.000	-,.230L+03	.990F+00	.204E+03	.158F+04	.151E+05	.170E+01	.330E+01	.157E+02	.130L+02
-80.000	-,.245E+03	.991F+00	.251E+03	.132F+04	.119E+05	.160F+01	.331E+01	.159E+02	.116E+02
-85.000	-,.260E+03	.991F+00	.223E+03	.111E+04	.948E+06	.151E+01	.332E+01	.160E+02	.103E+02
-90.000	-,.276E+03	.992F+00	.200L+03	.942E+05	.765E+06	.143E+01	.333E+01	.161E+02	.931E+03
-95.000	-,.291L+03	.992E+00	.180E+03	.807E+05	.624E+06	.135E+01	.334E+01	.162E+02	.842E+03
-100.000	-,.306E+03	.993F+00	.163E+03	.697E+05	.514E+06	.124E+01	.335E+01	.163E+02	.766E+03

ALPHA	ALV/LAH	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CBLP	CKLP	VARCV
-,.001	=.400E+07	.144F+00	.101E+00	.631E-01	.526E-01	.220E+01	.198E+01	.220E+01	.737E+01
-.002	=.800L+02	.172F+00	.115E+00	.662F-01	.547E-01	.19E+01	.170E+01	.115E+01	.518E+01
-.003	=.120E+01	.190F+00	.124E+00	.670E-01	.553E-01	.185E+01	.154E+01	.619E+00	.421E+01
-.004	=.160E+01	.204F+00	.130E+00	.670F-01	.554E-01	.171E+01	.143E+01	.280E+00	.364E+01
-.005	=.200E+01	.216F+00	.135E+00	.666F-01	.555E-01	.170E+01	.150E+01	.364E+01	.324E+01
-.006	=.240E+01	.226F+00	.139E+00	.660E-01	.550E-01	.165E+01	.127E+01	.150E+00	.295E+01
-.007	=.280E+01	.235E+00	.142E+00	.655E-01	.547E-01	.161E+01	.122E+01	.500E+00	.273E+01
-.008	=.320E+01	.243F+00	.145E+00	.645E-01	.544E-01	.157E+01	.116E+01	.423E+00	.255E+01
-.009	=.360E+01	.250F+00	.148E+00	.630E-01	.540E-01	.154E+01	.112E+01	.527E+00	.240E+01
-.010	=.400E+01	.256F+00	.150E+00	.621E-01	.536E-01	.151F+01	.108E+01	.611E+00	.227E+01
-.020	=.800E-01	.305F+00	.164E+00	.540F-01	.502E-01	.133E+01	.816E+00	.112E+01	.595E+01
-.030	=.120E+00	.377F+00	.175E+00	.463E-01	.477E-01	.123F+01	.659E+00	.135E+01	.128E+01
-.040	=.160E+00	.361F+00	.174E+00	.390E-01	.457E-01	.115E+01	.546E+00	.149E+01	.110E+01
-.050	=.200E+00	.382F+00	.176E+00	.571E-01	.442E-01	.110E+01	.456E+00	.151E+01	.952E+00
-.060	=.240E+00	.399F+00	.177E+00	.286E-01	.430E-01	.106E+01	.382E+00	.163E+01	.893E+00
-.070	=.280E+00	.414F+00	.178E+00	.239E-01	.420E-01	.102E+01	.319E+00	.161E+01	.823E+00
-.080	=.320E+00	.420F+00	.179E+00	.198E-01	.412E-01	.980E+00	.263E+00	.170E+01	.707E+00
-.090	=.360E+00	.400F+00	.178E+00	.160F-01	.406E-01	.950E+00	.213E+00	.172E+01	.720E+00
-.100	=.400E+00	.452F+00	.175E+00	.125F-01	.400E-01	.934E+00	.167E+00	.173E+01	.681E+00
-.200	=.800E+00	.532E+00	.169E+00	.103F-01	.371E-01	.773E+00	.148E+00	.170E+01	.471E+00
-.300	=.120E+01	.545E+00	.158E+00	.220E-01	.359E-01	.682E+00	.350E+00	.156E+01	.318E+00
-.400	=.160E+01	.620F+00	.147E+00	.284E-01	.349E-01	.510F+00	.504E+00	.138E+01	.324E+00
-.500	=.200E+01	.650F+00	.137E+00	.320E-01	.338E-01	.570E+00	.631E+00	.120E+01	.287E+00
-.600	=.240E+01	.674E+00	.128L+00	.538E-01	.326E-01	.531E+00	.759E+00	.101E+01	.259E+00
-.700	=.280E+01	.695F+00	.120L+00	.546E-01	.314E-01	.490E+00	.834E+00	.818E+00	.238E+00
-.800	=.320E+01	.715F+00	.112E+00	.347F-01	.300E-01	.471E+00	.919E+00	.626E+00	.221E+00
-.900	=.360E+01	.728F+00	.106E+00	.343E-01	.287E-01	.44E+00	.997E+00	.435E+00	.207E+00
-1.000	=.400E+01	.742E+00	.99AE-01	.356E-01	.274E-01	.426E+00	.107E+01	.245E+00	.195E+00
-2.000	=.800E+01	.826F+00	.600E-01	.232F-01	.164E-01	.297E+00	.158E+01	.155E+01	.127E+00
-3.000	=.120E+02	.861F+00	.403E-01	.155E-01	.998E-02	.232E+00	.191E+01	.313E+01	.954E+01
-4.000	=.160E+02	.893F+00	.290E-01	.101E-01	.635E-02	.191E+00	.215E+01	.453E+01	.758E+01
-5.000	=.200E+02	.910E+00	.219E-01	.761F-02	.422E-02	.163E+00	.234E+01	.576E+01	.623E+01
-6.000	=.240E+02	.922E+00	.172E-01	.561E-02	.291E-02	.142E+00	.249E+01	.686E+01	.523E+01
-7.000	=.280E+02	.931E+00	.13AE-01	.425E-02	.207E-02	.126E+00	.262E+01	.783E+01	.447E+01
-8.000	=.320E+02	.939E+00	.114E-01	.333E-02	.151E-02	.114E+00	.272E+01	.871E+01	.387E+01
-9.000	=.360E+02	.945E+00	.951E-02	.261E-02	.113E-02	.103E+00	.281E+01	.949E+01	.358E+01
-10.000	=.400E+02	.950E+00	.807E-02	.211F-02	.861E-03	.946E-01	.289E+01	.102E+02	.298E+01
-15.000	=.600E+02	.965F+00	.417E-02	.851E-03	.277E-03	.669E-01	.316E+01	.129E+02	.177L+01
-20.000	=.800E+02	.973E+00	.254E-02	.426E-03	.115E-03	.510E-01	.333E+01	.146E+02	.117E+01
-25.000	=.100E+03	.978F+00	.173E-02	.243E-03	.557E-04	.423E-01	.344E+01	.161E+02	.834E+02
-30.000	=.120E+03	.982E+00	.123L-02	.151E-03	.303E-04	.357E-01	.352E+01	.171E+02	.624E+02
-35.000	=.140E+03	.984F+00	.925E-03	.101E-03	.17AE-04	.309E-01	.358E+01	.178E+02	.484E+02
-40.000	=.160E+03	.986F+00	.722E-03	.702E-04	.112E-04	.272E-01	.362E+01	.185E+02	.387E+02
-45.000	=.180E+03	.988F+00	.519E-03	.509E-04	.735E-05	.244E-01	.366E+01	.190E+02	.316E+02
-50.000	=.200E+03	.989F+00	.474E-03	.381E-04	.504E-05	.220E-01	.369E+01	.194E+02	.263E+02
-55.000	=.220E+03	.990F+00	.396E-03	.293E-04	.356E-05	.201E-01	.372E+01	.197E+02	.223E+02
-60.000	=.240E+03	.991E+00	.335E-03	.230E-04	.259E-05	.185E-01	.374E+01	.200E+02	.191L+02
-65.000	=.260E+03	.991E+00	.28AL-03	.183E-04	.143E-05	.171E-01	.376E+01	.203E+02	.165L+02
-70.000	=.280E+03	.992E+00	.250E-03	.149E-04	.147E-05	.159E-01	.377E+01	.205E+02	.144L+02
-75.000	=.300E+03	.992F+00	.219E-03	.122E-04	.113E-05	.149E-01	.379E+01	.207E+02	.127L+02
-80.000	=.320E+03	.993F+00	.143E-03	.102E-04	.891E-06	.140E-01	.380E+01	.209E+02	.113L+02
-85.000	=.340E+03	.993F+00	.172E-03	.857E-05	.710E-06	.132E-01	.381E+01	.211E+02	.101L+02
-90.000	=.360E+03	.994F+00	.15NE-03	.728E-05	.572E-06	.125E-01	.382E+01	.212E+02	.911L+03
-95.000	=.380E+03	.994F+00	.138L-03	.673E-05	.467E-06	.118E-01	.383E+01	.214E+02	.824L+03
-100.000	=.400E+03	.994F+00	.125E-03	.538E-05	.384E-06	.115E-01	.384L+01	.215E+02	.749L+03

ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARGV
-0.001	-0.500E+02	-0.217E+00	-0.142E+00	-0.719E+01	-0.602E+01	-0.174E+01	-0.134E+01	-0.135E+01	-0.350E+01
-0.002	-0.101E+01	-0.206E+00	-0.155E+00	-0.692E+01	-0.590E+01	-0.158E+01	-0.113E+01	-0.142E+01	-0.218E+01
-0.003	-0.152E+01	-0.249E+00	-0.162E+00	-0.661E+01	-0.577E+01	-0.150E+01	-0.101E+01	-0.180E+00	-0.229E+01
-0.004	-0.202E+01	-0.285E+00	-0.167E+00	-0.632E+01	-0.566E+01	-0.144E+01	-0.924E+00	-0.197E+00	-0.204E+01
-0.005	-0.253E+01	-0.298E+00	-0.171E+00	-0.606E+01	-0.555E+01	-0.139E+01	-0.856E+00	-0.110E+01	-0.186E+01
-0.006	-0.304E+01	-0.309E+00	-0.174E+00	-0.581E+01	-0.546E+01	-0.135E+01	-0.800E+00	-0.114E+01	-0.173E+01
-0.007	-0.354E+01	-0.316E+00	-0.176E+00	-0.557E+01	-0.538E+01	-0.132E+01	-0.753E+00	-0.127E+01	-0.162E+01
-0.008	-0.405E+01	-0.327E+00	-0.178E+00	-0.535E+01	-0.531E+01	-0.129E+01	-0.712E+00	-0.133E+01	-0.154E+01
-0.009	-0.456E+01	-0.334E+00	-0.180E+00	-0.515E+01	-0.525E+01	-0.127E+01	-0.675E+00	-0.130E+01	-0.146E+01
-0.010	-0.506E+01	-0.341E+00	-0.181E+00	-0.495E+01	-0.519E+01	-0.125E+01	-0.642E+00	-0.124E+01	-0.140E+01
-0.020	-0.101E+00	-0.391E+00	-0.188E+00	-0.344E+01	-0.478E+01	-0.111E+01	-0.420E+00	-0.165E+01	-0.105E+01
-0.030	-0.152E+00	-0.423E+00	-0.190E+00	-0.237E+01	-0.457E+01	-0.105E+01	-0.285E+00	-0.174E+01	-0.887E+00
-0.040	-0.202E+00	-0.448E+00	-0.191E+00	-0.154E+01	-0.443E+01	-0.976E+00	-0.166E+00	-0.178E+01	-0.786E+00
-0.050	-0.253E+00	-0.467E+00	-0.190E+00	-0.879E+02	-0.434E+01	-0.935E+00	-0.106E+00	-0.180E+01	-0.715E+00
-0.060	-0.304E+00	-0.484E+00	-0.189E+00	-0.325E+02	-0.428E+01	-0.898E+00	-0.396E+01	-0.180E+01	-0.661E+00
-0.070	-0.354E+00	-0.499E+00	-0.187E+00	-0.147E+02	-0.423E+01	-0.868E+00	-0.181E+01	-0.180E+01	-0.619E+00
-0.080	-0.405E+00	-0.512E+00	-0.186E+00	-0.554E+02	-0.420E+01	-0.843E+00	-0.697E+01	-0.179E+01	-0.584E+00
-0.090	-0.456E+00	-0.525E+00	-0.184E+00	-0.410E+02	-0.417E+01	-0.821E+00	-0.115E+00	-0.177E+01	-0.556E+00
-0.100	-0.506E+00	-0.534E+00	-0.183E+00	-0.122E+01	-0.415E+01	-0.801E+00	-0.157E+00	-0.175E+01	-0.511E+00
-0.200	-0.101E+01	-0.607E+00	-0.165E+00	-0.305E+01	-0.405E+01	-0.669E+00	-0.455E+00	-0.152E+01	-0.391E+00
-0.300	-0.152E+01	-0.655E+00	-0.150E+00	-0.378E+01	-0.394E+01	-0.593E+00	-0.651E+00	-0.125E+01	-0.326E+00
-0.400	-0.202E+01	-0.686E+00	-0.137E+00	-0.407E+01	-0.380E+01	-0.540E+00	-0.803E+00	-0.975E+00	-0.266E+00
-0.500	-0.253E+01	-0.711E+00	-0.126E+00	-0.415E+01	-0.363E+01	-0.499E+00	-0.929E+00	-0.706E+00	-0.257E+00
-0.600	-0.304E+01	-0.732E+00	-0.116E+00	-0.411E+01	-0.345E+01	-0.465E+00	-0.104E+01	-0.441E+00	-0.236E+00
-0.700	-0.354E+01	-0.750E+00	-0.108E+00	-0.401E+01	-0.327E+01	-0.438E+00	-0.113E+01	-0.180E+00	-0.219E+00
-0.800	-0.405E+01	-0.765E+00	-0.100E+00	-0.388E+01	-0.309E+01	-0.414E+00	-0.122E+01	-0.766E+01	-0.205E+00
-0.900	-0.456E+01	-0.778E+00	-0.936E+01	-0.373E+01	-0.292E+01	-0.393E+00	-0.150E+01	-0.329E+00	-0.193E+00
-1.000	-0.506E+01	-0.790E+00	-0.877E+01	-0.357E+01	-0.275E+01	-0.375E+00	-0.137E+01	-0.577E+00	-0.183E+00
-2.000	-0.101E+02	-0.860E+00	-0.509E+01	-0.219E+01	-0.152E+01	-0.263E+00	-0.191E+01	-0.286E+01	-0.123E+00
-3.000	-0.152E+02	-0.894E+00	-0.356E+01	-0.179E+01	-0.880E+02	-0.205E+00	-0.226E+01	-0.484E+01	-0.934E+01
-4.000	-0.202E+02	-0.914E+00	-0.240E+01	-0.435E+02	-0.551E+02	-0.169E+00	-0.257E+01	-0.658E+01	-0.746E+01
-5.000	-0.253E+02	-0.926E+00	-0.180E+01	-0.656E+02	-0.360E+02	-0.145E+00	-0.272E+01	-0.810E+01	-0.614E+01
-6.000	-0.304E+02	-0.938E+00	-0.140E+01	-0.478E+02	-0.245E+02	-0.126E+00	-0.288E+01	-0.945E+01	-0.517E+01
-7.000	-0.354E+02	-0.945E+00	-0.112E+01	-0.358E+02	-0.172E+02	-0.112E+00	-0.301E+01	-0.107E+02	-0.442E+01
-8.000	-0.405E+02	-0.951E+00	-0.921E+02	-0.276E+02	-0.125E+02	-0.101E+00	-0.312E+01	-0.117E+02	-0.382E+01
-9.000	-0.456E+02	-0.956E+00	-0.768E+02	-0.217E+02	-0.927E+03	-0.917E+01	-0.322E+01	-0.127E+02	-0.334E+01
-10.000	-0.506E+02	-0.960E+00	-0.651E+02	-0.174E+02	-0.703E+03	-0.841E+01	-0.330E+01	-0.136E+02	-0.295E+01
-15.000	-0.759E+02	-0.972E+00	-0.334E+02	-0.645E+03	-0.227E+03	-0.595E+01	-0.360E+01	-0.169E+02	-0.175E+01
-20.000	-0.101E+03	-0.979E+00	-0.203E+02	-0.345E+03	-0.912E+04	-0.460E+01	-0.377E+01	-0.191E+02	-0.116E+01
-25.000	-0.127E+03	-0.983E+00	-0.136E+02	-0.196E+03	-0.441E+04	-0.376E+01	-0.389E+01	-0.208E+02	-0.823E+02
-30.000	-0.152E+03	-0.985E+00	-0.978E+03	-0.172E+03	-0.239E+04	-0.317E+01	-0.398E+01	-0.220E+02	-0.616E+02
-35.000	-0.177E+03	-0.987E+00	-0.736E+03	-0.807E+04	-0.140E+04	-0.275E+01	-0.404E+01	-0.229E+02	-0.478E+02
-40.000	-0.202E+03	-0.989E+00	-0.533E+03	-0.562E+04	-0.876E+05	-0.242E+01	-0.409E+01	-0.236E+02	-0.382E+02
-45.000	-0.228E+03	-0.990E+00	-0.460E+03	-0.407E+04	-0.576E+05	-0.216F+01	-0.413E+01	-0.243E+02	-0.312E+02
-50.000	-0.253E+03	-0.991E+00	-0.377E+03	-0.304E+04	-0.394E+05	-0.196E+01	-0.417E+01	-0.248E+02	-0.260E+02
-55.000	-0.278E+03	-0.992E+00	-0.314E+03	-0.233E+04	-0.278E+05	-0.179E+01	-0.419E+01	-0.252E+02	-0.220E+02
-60.000	-0.304E+03	-0.993E+00	-0.266E+03	-0.183E+04	-0.202E+05	-0.164E+01	-0.422E+01	-0.254E+02	-0.188E+02
-65.000	-0.329E+03	-0.993E+00	-0.228E+03	-0.146E+04	-0.150E+05	-0.152E+01	-0.424E+01	-0.259E+02	-0.163E+02
-70.000	-0.354E+03	-0.994E+00	-0.198E+03	-0.118E+04	-0.114E+05	-0.142E+01	-0.425E+01	-0.262E+02	-0.142E+02
-75.000	-0.380E+03	-0.994E+00	-0.173E+03	-0.974E+05	-0.883E+06	-0.132E+01	-0.427E+01	-0.264E+02	-0.126E+02
-80.000	-0.405E+03	-0.994E+00	-0.153E+03	-0.810E+05	-0.694E+06	-0.124E+01	-0.428E+01	-0.266E+02	-0.112E+02
-85.000	-0.430E+03	-0.995E+00	-0.136E+03	-0.611E+05	-0.552E+06	-0.117E+01	-0.429E+01	-0.268E+02	-0.99AE+03
-90.000	-0.455E+03	-0.995E+00	-0.127E+03	-0.578E+05	-0.445E+06	-0.111E+01	-0.431E+01	-0.27UE+02	-0.988E+03
-95.000	-0.481E+03	-0.995E+00	-0.110E+03	-0.495E+05	-0.363E+06	-0.105E+01	-0.432E+01	-0.272E+02	-0.812E+03
-100.000	-0.506E+03	-0.996E+00	-0.992E+04	-0.427E+05	-0.294E+06	-0.100E+01	-0.432E+01	-0.273E+02	-0.73AE+03

ALPHA	AL/LAM	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-,.001	-,.625E-07	.290F+00	.175E+00	.065E-01	.599E-01	.145E+01	.902E+00	-.105E+01	.213E+01
-,.002	-,.125E-01	.374F+00	.185E+00	.580E-01	.570E-01	.135E+01	.729E+00	-.134E+01	.170E+01
-,.003	-,.188E-01	.345F+00	.190E+00	.518E-01	.550E-01	.120E+01	.626E+00	-.147E+01	.149E+01
-,.004	-,.250E-01	.360E+00	.193E+00	.468E-01	.536E-01	.121E+01	.552E+00	-.156E+01	.135E+01
-,.005	-,.313E-01	.375F+00	.195E+00	.423E-01	.525E-01	.118E+01	.494E+00	-.162E+01	.125E+01
-,.006	-,.375E-01	.380F+00	.197E+00	.380E-01	.516E-01	.115E+01	.445E+00	-.166E+01	.118E+01
-,.007	-,.438E-01	.395F+00	.198E+00	.355E-01	.509E-01	.113E+01	.404E+00	-.172E+01	.114E+01
-,.008	-,.500E-01	.404F+00	.198E+00	.325E-01	.502E-01	.110E+01	.368E+00	-.172E+01	.107E+01
-,.009	-,.563E-01	.412E+00	.199E+00	.290E-01	.497E-01	.106E+01	.336E+00	-.175E+01	.103E+01
-,.010	-,.625E-01	.414F+00	.200E+00	.273E-01	.492E-01	.107E+01	.307E+00	-.176E+01	.997E+00
-,.020	-,.125E+00	.467F+00	.200E+00	.961E-02	.467E-01	.951E+00	.108E+00	-.185E+01	.783E+00
-,.030	-,.188E+00	.490F+00	.198E+00	.134E-02	.457E-01	.893E+00	.157E-01	-.184E+01	.681E+00
-,.040	-,.250E+00	.521F+00	.195E+00	.432E-02	.453E-01	.848E+00	.108E+00	-.182E+01	.616E+00
-,.050	-,.313E+00	.540F+00	.193E+00	.154E-01	.450E-01	.813E+00	.182E+00	-.174E+01	.569E+00
-,.060	-,.375E+00	.556F+00	.190E+00	.202E-01	.449E-01	.784E+00	.245E+00	-.175E+01	.530E+00
-,.070	-,.438E+00	.564F+00	.187E+00	.242E-01	.449E-01	.759E+00	.300E+00	-.171E+01	.505E+00
-,.080	-,.500E+00	.581F+00	.184E+00	.275E-01	.448E-01	.738E+00	.348E+00	-.167E+01	.481E+00
-,.090	-,.563E+00	.592F+00	.181E+00	.303E-01	.448E-01	.719E+00	.393E+00	-.163E+01	.461E+00
-,.100	-,.625E+00	.601F+00	.178E+00	.326E-01	.448E-01	.702E+00	.453E+00	-.154E+01	.444E+00
-,.200	-,.125E+01	.667F+00	.156E+00	.445E-01	.440E-01	.591E+00	.724E+00	-.119E+01	.343E+00
-,.300	-,.188E+01	.700F+00	.154E+00	.475E-01	.427E-01	.526E+00	.920E+00	-.804E+00	.293E+00
-,.400	-,.250E+01	.737F+00	.125E+00	.473E-01	.399E-01	.480E+00	.107E+01	-.438E+00	.261E+00
-,.500	-,.313L+01	.754F+00	.113E+00	.460E-01	.375E-01	.444E+00	.120E+01	-.840E+01	.238E+00
-,.600	-,.375E+01	.777F+00	.104E+00	.440E-01	.357E-01	.415E+00	.131E+01	.257E+00	.220E+00
-,.700	-,.438E+01	.792F+00	.957E-01	.416E-01	.329E-01	.390E+00	.141E+01	.584E+00	.206E+00
-,.800	-,.500E+01	.805F+00	.885E-01	.396E-01	.307E-01	.370E+00	.150L+01	.912E+00	.194E+00
-,.900	-,.563E+01	.816F+00	.822E-01	.374E-01	.266E-01	.351E+00	.159E+01	.123E+01	.184E+00
-1,.000	-,.624E+01	.827F+00	.767L+01	.351F-01	.267L-01	.331F+00	.166L+01	.154F+01	.175E+00
-2,.000	-,.125E+02	.885E+00	.434E-01	.201E-01	.139E-01	.236E+00	.222E+01	.436E+01	.120E+00
-3,.000	-,.187E+02	.913F+00	.283E-01	.124E-01	.785E-02	.184E+00	.260E+01	.678E+01	.920E+01
-4,.000	-,.250E+02	.930F+00	.200E-01	.814E-02	.478E-02	.152E+00	.287E+01	.886E+01	.737E+01
-5,.000	-,.313E+02	.941F+00	.150E-01	.565E-02	.308E-02	.130E+00	.308E+01	.107E+02	.608E+01
-6,.000	-,.375E+02	.949F+00	.116E-01	.408E-02	.207E-02	.114E+00	.326E+01	.124E+02	.512E+01
-7,.000	-,.438E+02	.956F+00	.928E-02	.304E-02	.145E-02	.101E+00	.340E+01	.136E+02	.458E+01
-8,.000	-,.500E+02	.960F+00	.759E-02	.233E-02	.104E-02	.90E-01	.352E+01	.151E+02	.379E+01
-9,.000	-,.563E+02	.964F+00	.633E-02	.182E-02	.772E-03	.825E-01	.362E+01	.163E+02	.332E+01
-10,.000	-,.625E+02	.967E+00	.535E-02	.140E-02	.583E-03	.750E-01	.371E+01	.173E+02	.293E+01
-15,.000	-,.938E+02	.977F+00	.274L-02	.570E-03	.182E-03	.535E-01	.403E+01	.214E+02	.173E+01
-20,.000	-,.125E+03	.983F+00	.166E-02	.285E-03	.743E-04	.414E-01	.422E+01	.240E+02	.115E+01
-25,.000	-,.156E+03	.986F+00	.111E-02	.161E-03	.358E-04	.330E-01	.435E+01	.260E+02	.816E+02
-30,.000	-,.188E+03	.988F+00	.746E-03	.991E-04	.193L-04	.280E-01	.444E+01	.274E+02	.610E+02
-35,.000	-,.219E+03	.990F+00	.599E-03	.660E-04	.113L-04	.247E-01	.451E+01	.285E+02	.473E+02
-40,.000	-,.250E+03	.991F+00	.466E-03	.460E-04	.706L-05	.210E-01	.458E+01	.294E+02	.378E+02
-45,.000	-,.281E+03	.992F+00	.374L-03	.333F-04	.463L-05	.195E-01	.460E+01	.302E+02	.309L+02
-50,.000	-,.313E+03	.993F+00	.306E-03	.248E-04	.316E-05	.170E-01	.464E+01	.308E+02	.257L+02
-55,.000	-,.344E+03	.993F+00	.255E-03	.190E-04	.223E-05	.161F-01	.467E+01	.313E+02	.217E+02
-60,.000	-,.375E+03	.994F+00	.216E-03	.149E-04	.162L-05	.140E-01	.470E+01	.316E+02	.186E+02
-65,.000	-,.406E+03	.994F+00	.185E-03	.114E-04	.121E-05	.13E-01	.472E+01	.321E+02	.161E+02
-70,.000	-,.438E+03	.995F+00	.161E-03	.965E-05	.916E-06	.12E-01	.474E+01	.325E+02	.141E+02
-75,.000	-,.469E+03	.995F+00	.141E-03	.793E-05	.708E-06	.114E-01	.475E+01	.328E+02	.124E+02
-80,.000	-,.500E+03	.995F+00	.124E-03	.659E-05	.555E-06	.112E-01	.477E+01	.330F+02	.110E+02
-85,.000	-,.531E+03	.996F+00	.110E-03	.554E-05	.442E-06	.106E-01	.478E+01	.333E+02	.907E+03
-90,.000	-,.563E+03	.996F+00	.988E-04	.470E-05	.356E-06	.990E-02	.479E+01	.335E+02	.808E+03
-95,.000	-,.594E+03	.996F+00	.898E-04	.403E-05	.290L-06	.947E-02	.480E+01	.337E+02	.807E+03
-100,.000	-,.625E+03	.996F+00	.805E-04	.347E-05	.239L-06	.900E-02	.481E+01	.338E+02	.730E+03

		C(1)=2.30259		CSI=5.50		ALBDA# .13			
ALPHA	AL/LAM	AHC(1)	AHC(2)	AHC(3)	AHC(4)	CVLP	CSLP	CALP	VARLV
.0001	.756E-02	.359E+00	.199E+00	.501E-01	.565E-01	.124E+01	.506E+00	.157E+01	.146E+01
.0002	.151E-01	.394E+00	.204E+00	.582E-01	.536E-01	.115E+01	.414E+00	.172E+01	.120E+01
.0003	.227E-01	.415E+00	.206E+00	.303E-01	.520E-01	.109E+01	.323E+00	.178E+01	.108E+01
.0004	.303E-01	.431E+00	.208E+00	.242E-01	.510E-01	.106E+01	.256E+00	.182E+01	.993L+00
.0005	.378E-01	.444E+00	.209E+00	.193E-01	.503E-01	.105E+01	.203E+00	.184E+01	.953L+00
.0006	.454E-01	.455E+00	.209E+00	.151E-01	.498E-01	.100E+01	.159E+00	.185E+01	.807E+00
.0007	.524E-01	.464E+00	.208E+00	.115E-01	.494E-01	.982E+00	.121E+00	.186E+01	.849E+00
.0008	.605E-01	.475E+00	.204E+00	.837E-02	.491E-01	.965E+00	.883E+01	.181E+01	.918E+00
.0009	.681E-01	.489E+00	.208L+00	.555E-02	.468E-01	.949E+00	.586E-01	.187E+01	.791E+00
.0010	.756E-01	.487E+00	.207E+00	.299E-02	.486E-01	.935E+00	.317E-01	.187E+01	.763E+00
.0020	.151E+00	.535E+00	.202E+00	.140E-01	.460E-01	.844E+00	.154E+00	.185E+01	.630E+00
.0030	.227E+00	.562E+00	.197E+00	.235E-01	.480E-01	.790E+00	.22E+00	.177E+01	.560E+00
.0040	.303E+00	.584E+00	.192E+00	.304E-01	.481E-01	.751E+00	.300E+00	.170E+01	.510E+00
.0050	.378E+00	.601E+00	.188E+00	.352E-01	.483E-01	.721F+00	.432E+00	.163E+01	.481E+00
.0060	.454E+00	.615F+00	.184E+00	.388E-01	.484E-01	.697E+00	.493E+00	.157E+01	.455E+00
.0070	.529L+00	.626E+00	.180E+00	.417E-01	.485E-01	.676E+00	.547E+00	.150E+01	.434E+00
.0080	.605E+00	.630E+00	.176E+00	.440E-01	.485E-01	.658E+00	.594E+00	.144E+01	.417E+00
.0090	.681E+00	.648F+00	.173E+00	.458E-01	.485E-01	.641E+00	.638E+00	.130E+01	.402E+00
.0100	.756E+00	.657F+00	.170E+00	.473E-01	.485E-01	.627E+00	.678E+00	.131E+01	.399E+00
.0200	.151E+01	.716F+00	.144E+00	.530E-01	.466E-01	.530F+00	.969E+00	.157E+00	.311E+00
.0300	.227E+01	.752F+00	.126E+00	.524E-01	.437E-01	.475E+00	.117E+01	.254E+00	.271E+00
.0400	.303E+01	.777E+00	.113E+00	.501E-01	.406E-01	.432E+00	.132E+01	.204E+00	.245L+00
.0500	.378E+01	.790F+00	.102E+00	.472E-01	.376E-01	.400E+00	.146E+01	.643E+00	.225L+00
.0600	.454E+01	.812F+00	.924E-01	.472E-01	.347E-01	.374E+00	.157E+01	.106E+01	.210E+00
.0700	.529E+01	.825F+00	.847E-01	.413E-01	.321E-01	.353E+00	.168E+01	.147E+01	.197E+00
.0800	.605E+01	.830F+00	.780E-01	.386E-01	.296E-01	.334E+00	.177E+01	.187E+01	.186E+00
.0900	.681E+01	.845F+00	.722E-01	.364E-01	.274E-01	.318E+00	.186E+01	.225E+01	.177E+00
.1000	.756E+01	.854F+00	.671E-01	.336E-01	.253E-01	.305F+00	.194E+01	.263F+01	.169E+00
.2000	.151E+02	.904E+00	.373E-01	.182E-01	.125E-01	.214E+00	.253E+01	.602E+01	.11RE+00
.3000	.227E+02	.927E+00	.241E-01	.104E-01	.692E-02	.167E+00	.292E+01	.892E+01	.910E+01
.4000	.302E+02	.942F+00	.170E-01	.710E-02	.415E-02	.138E+00	.322E+01	.114E+02	.731E+01
.5000	.378E+02	.951F+00	.126E-01	.488E-02	.265E-02	.118E+00	.344E+01	.136E+02	.604E+01
.6000	.454E+02	.958E+00	.976E-02	.350E-02	.177E-02	.103E+00	.363E+01	.156E+02	.509L+01
.7000	.529E+02	.963F+00	.779E-02	.260E-02	.123E-02	.916E-01	.378E+01	.173E+02	.435E+01
.8000	.605E+02	.967F+00	.636E-02	.198E-02	.884E-03	.825E-01	.391E+01	.184E+02	.377E+01
.9000	.681E+02	.970E+00	.529E-02	.155E-02	.651E-03	.750E-01	.402E+01	.202E+02	.330E+01
.10000	.756E+02	.973E+00	.447E-02	.123E-02	.490E-03	.68F-01	.412E+01	.215E+02	.291E+01
.15000	.113E+03	.981F+00	.228E-02	.445E-03	.152E-03	.480E-01	.446E+01	.263E+02	.172E+01
.20000	.151E+03	.986F+00	.133E-02	.230E-03	.616E-04	.371E-01	.466E+01	.295E+02	.114E+01
.25000	.189L+03	.988F+00	.923E-03	.134E-03	.296E-04	.301E-01	.480E+01	.311E+02	.811E+02
.30000	.227E+03	.990F+00	.661E-03	.832E-04	.159L-04	.260F-01	.490E+01	.335E+02	.606E+02
.35000	.265E+03	.992F+00	.496E-03	.554E-04	.931E-05	.225E-01	.497E+01	.348E+02	.470E+02
.40000	.302E+03	.995F+00	.387E-03	.382E-04	.581E-05	.190E-01	.503E+01	.358E+02	.315E+02
.45000	.340L+03	.993E+00	.310E-03	.277E-04	.381E-05	.171E-01	.508E+01	.367E+02	.307L+02
.50000	.378E+03	.994F+00	.250E-03	.206E-04	.260E-05	.160E-01	.511E+01	.374E+02	.255E+02
.55000	.416E+03	.995F+00	.211E-03	.150E-04	.183E-05	.140E-01	.515E+01	.381E+02	.216E+02
.60000	.454E+03	.995E+00	.179E-03	.124E-04	.133E-05	.134E-01	.517E+01	.386E+02	.165L+02
.65000	.492E+03	.995F+00	.153E-03	.948E-05	.990E-06	.124E-01	.520E+01	.390E+02	.160E+02
.70000	.529L+03	.996F+00	.133E-03	.800E-05	.751L-06	.110E-01	.522E+01	.394E+02	.140E+02
.75000	.567L+03	.996F+00	.11AE-03	.650E-05	.580E-06	.100E-01	.523E+01	.398E+02	.123L+02
.80000	.605E+03	.996F+00	.913E-03	.547E-05	.455E-06	.102E-01	.525E+01	.401E+02	.110E+02
.85000	.643L+03	.996E+00	.914E-04	.446E-05	.362E-06	.459E-02	.526E+01	.404E+02	.979L+03
.90000	.681E+03	.997E+00	.81RE-04	.390E-05	.292L-06	.907E-02	.528E+01	.406E+02	.801E+03
.95000	.718L+03	.997E+00	.73AL-04	.334E-05	.238E-06	.861F-02	.529E+01	.409E+02	.747L+03
.100000	.756E+03	.997E+00	.66AE-04	.288E-05	.195E-06	.819E-02	.530E+01	.411E+02	.724L+03

C(I)=2,30259			CSI=6,00			ALBUA= .11			
ALPHA	AL/LAH	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARLV
-,.001	-.900E+02	.423F+00	.213L+00	.207E+01	.535E+01	.109E+01	.293E+00	-.182E+01	.109E+01
-.002	-.180E+01	.457F+00	.214L+00	.153E+01	.517L+01	.101E+01	.154E+00	-.187E+01	.926E+00
-.003	-.210E+01	.476F+00	.214L+00	.608F+02	.510L+01	.963E+00	.694E+01	-.189E+01	.842E+00
-.004	-.360E+01	.493F+00	.213L+00	.714E+03	.504L+01	.930E+00	.724E+02	-.184E+01	.787L+00
-.005	-.450E+01	.500F+00	.213L+00	.414E+02	.504L+01	.911E+00	.423E+01	-.188E+01	.746E+00
-.006	-.540E+01	.516F+00	.212L+00	.814E+02	.503L+01	.891E+00	.837E+01	-.186E+01	.714E+00
-.007	-.630E+01	.525F+00	.211L+00	.115E+03	.502E+01	.874E+00	.119E+00	-.181E+01	.689E+00
-.008	-.720E+01	.533F+00	.210L+00	.145E+03	.502E+01	.854E+00	.151E+00	-.186E+01	.667E+00
-.009	-.810E+01	.540F+00	.209L+00	.171E+03	.502L+01	.846E+00	.179L+00	-.184E+01	.648E+00
-.010	-.900E+01	.546F+00	.208L+00	.194E+03	.503E+01	.834E+00	.205E+00	-.183E+01	.632L+00
-.020	-.180L+00	.590F+00	.199L+00	.539E+03	.509L+01	.756E+00	.384E+00	-.171E+01	.533L+00
-.030	-.270L+00	.616F+00	.191L+00	.416F+01	.514L+01	.709E+00	.498E+00	-.159E+01	.462E+00
-.040	-.360L+00	.636F+00	.185L+00	.465E+01	.518L+01	.670E+00	.585E+00	-.149E+01	.448E+00
-.050	-.450L+00	.652F+00	.179L+00	.490E+01	.519E+01	.654E+00	.656E+00	-.138E+01	.423E+00
-.060	-.540L+00	.665F+00	.174L+00	.522E+01	.520E+01	.628E+00	.717E+00	-.124E+01	.403E+00
-.070	-.630L+00	.676F+00	.170L+00	.534E+01	.520E+01	.610E+00	.770E+00	-.120E+01	.387L+00
-.080	-.720L+00	.686F+00	.166L+00	.552E+01	.519E+01	.594E+00	.818E+00	-.111E+01	.374L+00
-.090	-.810L+00	.695F+00	.162L+00	.562E+01	.517E+01	.580E+00	.861E+00	-.103E+01	.367L+00
-.100	-.900L+00	.702F+00	.158L+00	.569E+01	.515L+01	.561E+00	.901E+00	-.950E+00	.352L+00
-.200	-.180L+01	.755F+00	.132L+00	.574E+01	.481E+01	.481E+00	.120L+01	-.241E+00	.269L+00
-.300	-.270L+01	.787E+00	.114L+00	.542F+01	.441E+01	.430E+00	.140L+01	.373E+00	.255L+00
-.400	-.360L+01	.804F+00	.101L+00	.503E+01	.403E+01	.393E+00	.156E+01	.936E+00	.232E+00
-.500	-.450L+01	.826F+00	.907E+01	.464E+01	.367E+01	.365E+00	.101E+01	.147E+01	.215E+00
-.600	-.540L+01	.834E+00	.821L+01	.428E+01	.335L+01	.341E+00	.182E+01	.197E+01	.202E+00
-.700	-.630L+01	.851E+00	.749E+01	.396E+01	.307L+01	.322E+00	.193E+01	.246E+01	.190E+00
-.800	-.720L+01	.860E+00	.688E+01	.366F+01	.281L+01	.303E+00	.203E+01	.293E+01	.181E+00
-.900	-.810L+01	.866E+00	.635E+01	.339E+01	.258E+01	.290E+00	.212E+01	.334E+01	.172E+00
-1,000	-.900L+01	.876E+00	.589E+01	.314E+01	.237E+01	.277E+00	.220E+01	.384E+01	.165E+00
-2,000	-.180L+02	.918F+00	.327E+01	.164E+01	.113E+01	.195E+00	.283E+01	.786E+01	.117E+00
-3,000	-.270E+02	.934F+00	.207E+01	.467E+02	.612L+02	.153E+00	.325E+01	.113E+02	.902E+01
-4,000	-.360E+02	.951F+00	.145E+01	.621E+02	.363L+02	.127E+00	.356E+01	.142E+02	.726E+01
-5,000	-.450E+02	.959F+00	.108E+01	.474E+02	.230L+02	.108E+00	.389E+01	.160E+02	.611E+01
-6,000	-.540E+02	.965F+00	.831E+02	.303E+02	.153L+02	.945E+01	.400E+01	.191E+02	.506E+01
-7,000	-.630E+02	.964E+00	.662E+02	.224F+02	.106E+02	.840E+01	.416E+01	.212E+02	.433E+01
-8,000	-.720E+02	.972E+00	.540E+02	.171E+02	.756E+03	.756E+01	.430E+01	.230E+02	.375E+01
-9,000	-.810E+02	.975E+00	.449E+02	.133E+02	.556E+03	.687E+01	.442E+01	.248E+02	.328E+01
-10,000	-.900E+02	.977F+00	.379E+02	.106E+02	.418E+03	.630E+01	.452E+01	.261E+02	.290E+01
-15,000	-.155E+03	.984E+00	.193L+02	.413E+03	.128E+03	.440E+01	.488E+01	.316E+02	.112E+01
-20,000	-.180E+03	.986F+00	.116L+02	.202E+03	.519E+04	.545E+01	.510E+01	.354E+02	.113E+01
-25,000	-.225E+03	.990F+00	.77L+03	.114E+03	.249E+04	.282E+01	.525E+01	.381E+02	.806E+02
-30,000	-.270E+03	.992F+00	.557L+03	.704E+04	.134L+04	.238E+01	.535E+01	.401E+02	.603E+02
-35,000	-.315E+03	.993F+00	.418L+03	.465F+04	.781E+05	.204E+01	.543E+01	.416E+02	.407E+02
-40,000	-.360E+03	.994F+00	.326L+03	.523F+04	.486L+05	.182E+01	.550E+01	.429E+02	.373L+02
-45,000	-.405E+03	.994E+00	.261E+03	.233E+04	.319E+05	.162E+01	.555E+01	.439E+02	.305L+02
-50,000	-.450E+03	.995E+00	.213L+03	.174E+04	.217E+05	.147E+01	.559E+01	.44E+02	.254L+02
-55,000	-.495E+03	.995E+00	.178L+03	.133E+04	.159L+05	.134E+01	.562E+01	.454E+02	.214E+02
-60,000	-.540E+03	.996F+00	.151L+03	.104E+04	.111L+05	.123E+01	.565E+01	.461E+02	.184E+02
-65,000	-.585E+03	.996F+00	.129L+03	.833F+05	.827E+06	.114E+01	.567E+01	.466E+02	.159E+02
-70,000	-.630E+03	.996E+00	.117L+03	.675E+05	.627L+06	.106E+01	.570E+01	.471E+02	.139E+02
-75,000	-.675E+03	.997F+00	.980E+04	.554F+05	.484E+06	.993E+02	.571E+01	.475E+02	.123E+02
-80,000	-.720L+03	.997F+00	.805L+04	.461E+05	.380E+06	.935E+02	.573L+01	.470E+02	.109E+02
-85,000	-.765E+03	.997E+00	.769L+04	.381E+05	.302E+06	.879E+02	.575E+01	.482E+02	.974E+02
-90,000	-.810E+03	.997F+00	.688L+04	.324E+05	.243L+06	.832E+02	.576L+01	.485E+02	.878E+02
-95,000	-.855E+03	.997F+00	.619L+04	.281E+05	.190L+06	.784E+02	.577L+01	.491E+02	.742E+02
-100,000	-.900E+03	.997E+00	.560L+04	.242F+05	.163L+06	.750F+02	.578L+01	.494E+02	.720E+02

ALPHA	ALFLAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CYLP	CSLP	CKLP	VARLY
-,.001	-.104E+01	.480F+00	.219E+00	.62E-02	.525E-01	.974E+00	.612E+01	-.191E+01	.867E+00
-.002	-.211E+01	.513E+00	.217E+00	-.704E-02	.520E-01	.909E+00	.696E+01	-.190E+01	.755E+00
-.003	-.317E+01	.533E+00	.215E+00	-.150E+01	.520E-01	.870E+00	.150E+00	-.187E+01	.695E+00
-.004	-.423E+01	.546E+00	.213E+00	-.204E+01	.522E-01	.842E+00	-.210E+00	-.185E+01	.656E+00
-.005	-.528E+01	.559E+00	.211E+00	-.250E+01	.524E-01	.821E+00	-.258E+00	-.182E+01	.627E+00
-.006	-.634E+01	.564E+00	.209E+00	-.284E+01	.526E-01	.803E+00	-.297E+00	-.180E+01	.604E+00
-.007	-.739E+01	.576E+00	.207E+00	-.314E+01	.528E-01	.784E+00	-.332E+00	-.177E+01	.585E+00
-.008	-.845E+01	.585E+00	.206E+00	-.330E+01	.530E-01	.770E+00	-.363E+00	-.175E+01	.569E+00
-.009	-.951E+01	.591E+00	.204E+00	-.360E+01	.531E-01	.764E+00	-.390E+00	-.173E+01	.555E+00
-.010	-.106E+01	.597E+00	.203E+00	-.374E+01	.533E-01	.754E+00	-.415E+00	-.170E+01	.543E+00
-.020	-.211E+00	.638E+00	.191E+00	-.492E+01	.545E-01	.685E+00	-.591E+00	-.150E+01	.469E+00
-.030	-.317E+00	.662E+00	.182E+00	-.547E+01	.550E-01	.644E+00	-.704E+00	-.134E+01	.429E+00
-.040	-.423E+00	.680E+00	.175E+00	-.576E+01	.551E-01	.615E+00	-.791E+00	-.120E+01	.402E+00
-.050	-.528L+00	.694E+00	.169E+00	-.598E+01	.551E-01	.591E+00	-.862E+00	-.106E+01	.383E+00
-.060	-.634L+00	.706E+00	.163E+00	-.610E+01	.549E-01	.572E+00	-.923E+00	-.943E+00	.367E+00
-.070	-.739L+00	.716E+00	.159E+00	-.617E+01	.547E-01	.556E+00	-.977E+00	-.828E+00	.354E+00
-.080	-.845L+00	.725E+00	.154E+00	-.622E+01	.543E-01	.542E+00	-.103E+01	-.194E+00	.343E+00
-.090	-.951L+00	.733E+00	.150E+00	-.626E+01	.539E-01	.529E+00	-.107E+01	-.615E+00	.333E+00
-.100	-.106E+01	.740F+00	.147E+00	-.624E+01	.535L-01	.510E+00	-.111E+01	-.510E+00	.325E+00
-.200	-.211E+01	.787E+00	.120E+00	-.589E+01	.485E-01	.441E+00	-.141E+01	.349E+00	.275E+00
-.300	-.317E+01	.815F+00	.103E+00	-.534E+01	.436E-01	.394E+00	-.102E+01	.108E+01	.244E+00
-.400	-.422E+01	.835F+00	.908E+01	-.490E+01	.392E-01	.361E+00	-.179E+01	.175E+01	.224E+00
-.500	-.528E+01	.849E+00	.810E+01	-.446E+01	.353E-01	.335E+00	-.193E+01	.238E+01	.208E+00
-.600	-.634E+01	.861F+00	.731E+01	-.404E+01	.319E-01	.314E+00	-.204E+01	.298E+01	.196E+00
-.700	-.739E+01	.871F+00	.665E+01	-.372E+01	.290E-01	.290E+00	-.217E+01	.555E+01	.186E+00
-.800	-.845E+01	.880E+00	.609E+01	-.342E+01	.263E-01	.281E+00	-.228E+01	.410E+01	.177E+00
-.900	-.951E+01	.887E+00	.561E+01	-.315E+01	.240E-01	.267E+00	-.237E+01	.464E+01	.169E+00
-.1,000	-.106E+02	.893F+00	.519E+01	-.291E+01	.220E-01	.255E+00	-.246E+01	.511E+01	.162E+00
-.2,000	-.211E+02	.934E+00	.281E+01	-.147E+01	.101E+01	.180E+00	-.312E+01	.987E+01	.116E+00
-.3,000	-.317E+02	.948E+00	.179E+01	-.856E+02	.542E-02	.141E+00	-.356E+01	.139E+02	.896E+01
-.4,000	-.422E+02	.958E+00	.125E+01	-.540E+02	.319L-02	.117E+00	-.390E+01	.173E+02	.723E+01
-.5,000	-.528E+02	.965E+00	.927E+02	-.371E+02	.200E+02	.998E+01	-.416L+01	.203E+02	.598E+01
-.6,000	-.634E+02	.970F+00	.715E+02	-.264E+02	.133E+02	.872E+01	-.437E+01	.230E+02	.504E+01
-.7,000	-.739E+02	.973F+00	.569E+02	-.195E+02	.917E+03	.775E+01	-.454E+01	.253E+02	.432L+01
-.8,000	-.845E+02	.976F+00	.464E+02	-.148E+02	.654E+03	.697E+01	-.469L+01	.274F+02	.374E+01
-.9,000	-.951E+02	.974E+00	.385E+02	-.115E+02	.479E+03	.634E+01	-.481E+01	.293E+02	.327E+01
-.10,000	-.106E+03	.981E+00	.325E+02	-.913E+03	.360L+03	.582E+01	-.492E+01	.310E+02	.289E+01
-.15,000	-.154E+03	.987E+00	.165E+02	-.355F+03	.110E+03	.411E+01	-.531E+01	.375E+02	.171E+01
-.20,000	-.211E+03	.990F+00	.994E+03	-.174E+03	.043E+04	.319E+01	-.554E+01	.418E+02	.113E+01
-.25,000	-.264E+03	.992E+00	.665L+03	-.977E+04	.212E+04	.260E+01	-.570L+01	.449E+02	.803E+02
-.30,000	-.317E+03	.993F+00	.476E+03	-.603E+04	.114E+04	.220F+01	-.581E+01	.473E+02	.600E+02
-.35,000	-.370E+03	.994E+00	.357E+03	-.398E+04	.664E+05	.190E+01	-.590E+01	.491E+02	.465E+02
-.40,000	-.422E+03	.995E+00	.278E+03	-.276E+04	.413E+05	.160E+01	-.596E+01	.505E+02	.372E+02
-.45,000	-.475E+03	.995F+00	.223E+03	-.200E+04	.271E+05	.150E+01	-.602E+01	.517E+02	.303E+02
-.50,000	-.528E+03	.996F+00	.162E+03	-.149E+04	.185E+05	.130E+01	-.606E+01	.521E+02	.252E+02
-.55,000	-.581E+03	.996F+00	.152L+03	-.114E+04	.130E+05	.124F+01	-.610E+01	.535E+02	.213E+02
-.60,000	-.634E+03	.996E+00	.128E+03	-.892E+05	.904L+06	.114E+01	-.613E+01	.542E+02	.183E+02
-.65,000	-.687E+03	.997E+00	.110E+03	-.712E+05	.701E+06	.105F+01	-.615E+01	.548E+02	.154E+02
-.70,000	-.739E+03	.997F+00	.955E+04	-.570E+05	.532E+06	.980E+02	-.614E+01	.553E+02	.138E+02
-.75,000	-.792E+03	.997E+00	.836E+04	-.473E+05	.411E+06	.91E+02	-.620E+01	.558E+02	.122E+02
-.80,000	-.845E+03	.997F+00	.737E+04	-.393E+05	.322E+06	.861E+02	-.621E+01	.562E+02	.108E+02
-.85,000	-.898E+03	.997F+00	.656E+04	-.331E+05	.256E+06	.812E+02	-.623E+01	.566E+02	.969E+03
-.90,000	-.951E+03	.998F+00	.547E+04	-.280E+05	.206E+06	.768E+02	-.624E+01	.570E+02	.872E+03
-.95,000	-.104E+04	.998F+00	.524E+04	-.240E+05	.160E+06	.728E+02	-.626E+01	.573E+02	.788L+03
-.100,000	-.104E+04	.998F+00	.478E+04	-.20E+05	.138E+06	.693E+02	-.627E+01	.575E+02	.716E+03

ALPHA	AL/LAM	AMNC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CKLP	VARCV
-0.001	-0.123E+01	.532E+00	.220E+00	-0.147E+01	.515E+01	.882E+00	-0.142E+00	-0.189E+01	.724E+00
-0.002	-0.245E+01	.562E+00	.215E+00	-0.248E+01	.540E+01	.825E+00	-0.268E+00	-0.185E+01	.642E+00
-0.003	-0.368E+01	.581E+00	.211E+00	-0.337E+01	.546E+01	.791E+00	-0.347E+00	-0.178E+01	.594E+00
-0.004	-0.490E+01	.595E+00	.208E+00	-0.382E+01	.551E+01	.767E+00	-0.405E+00	-0.173E+01	.568E+00
-0.005	-0.613E+01	.600E+00	.205E+00	-0.420E+01	.555E+01	.748E+00	-0.451E+00	-0.169E+01	.546E+00
-0.006	-0.735E+01	.615E+00	.203E+00	-0.444E+01	.558E+01	.732E+00	-0.491E+00	-0.165E+01	.528E+00
-0.007	-0.858E+01	.623E+00	.201E+00	-0.472E+01	.561E+01	.719E+00	-0.525E+00	-0.161E+01	.514E+00
-0.008	-0.980E+01	.630E+00	.199E+00	-0.491E+01	.564E+01	.705E+00	-0.555E+00	-0.157E+01	.501E+00
-0.009	-0.110E+00	.636E+00	.197E+00	-0.508E+01	.566E+01	.698E+00	-0.582E+00	-0.154E+01	.491E+00
-0.010	-0.123E+00	.641E+00	.195E+00	-0.522E+01	.568E+01	.688E+00	-0.607E+00	-0.150E+01	.481E+00
-0.020	-0.245E+00	.678E+00	.181E+00	-0.602E+01	.578E+01	.621E+00	-0.782E+00	-0.124E+01	.423E+00
-0.030	-0.368E+00	.701E+00	.171E+00	-0.636E+01	.580E+01	.591E+00	-0.896E+00	-0.103E+01	.391E+00
-0.040	-0.490E+00	.717E+00	.164E+00	-0.652E+01	.578E+01	.564E+00	-0.983E+00	-0.847E+00	.370E+00
-0.050	-0.613E+00	.730E+00	.157E+00	-0.654E+01	.574E+01	.543E+00	-0.105E+01	-0.684E+00	.353E+00
-0.060	-0.735E+00	.741E+00	.152E+00	-0.661E+01	.569E+01	.526E+00	-0.112E+01	-0.535E+00	.340E+00
-0.070	-0.858E+00	.750E+00	.147E+00	-0.661E+01	.563E+01	.511E+00	-0.117E+01	-0.496E+00	.330E+00
-0.080	-0.980E+00	.758E+00	.143E+00	-0.658E+01	.557E+01	.498E+00	-0.122E+01	-0.265E+00	.321E+00
-0.090	-0.110E+01	.765E+00	.139E+00	-0.654E+01	.551E+01	.487E+00	-0.127E+01	-0.140E+00	.313E+00
-0.100	-0.123E+01	.771E+00	.135E+00	-0.650E+01	.544E+01	.471E+00	-0.131E+01	-0.202E+01	.305E+00
-0.200	-0.245E+01	.814E+00	.109E+00	-0.586E+01	.480E+01	.407E+00	-0.162E+01	-0.100E+01	.260E+00
-0.300	-0.367E+01	.638E+00	.933E+01	-0.523E+01	.423E+01	.364E+00	-0.184E+01	-0.187E+01	.255E+00
-0.400	-0.490E+01	.856E+00	.816E+01	-0.469E+01	.376E+01	.334E+00	-0.201E+01	-0.265E+01	.217L+00
-0.500	-0.613E+01	.869E+00	.725E+01	-0.422E+01	.355E+01	.310E+00	-0.216E+01	-0.33dE+01	.203E+00
-0.600	-0.735E+01	.879E+00	.652E+01	-0.382E+01	.301E+01	.290E+00	-0.229E+01	-0.40/E+01	.191E+00
-0.700	-0.857E+01	.886E+00	.592E+01	-0.34/E+01	.271E+01	.274E+00	-0.241E+01	-0.474E+01	.162E+00
-0.800	-0.980E+01	.695F+00	.541E+01	-0.317E+01	.245E+01	.260E+00	-0.252E+01	-0.538E+01	.173E+00
-0.900	-0.110E+02	.902E+00	.497E+01	-0.290E+01	.223E+01	.241E+00	-0.262E+01	-0.600E+01	.106E+00
-1.000	-0.122E+02	.907E+00	.460E+01	-0.267E+01	.203E+01	.236E+00	-0.271E+01	-0.661E+01	.159E+00
-2.000	-0.245E+02	.939E+00	.246E+01	-0.132E+01	.913E+02	.161E+00	-0.341E+01	-0.120E+02	.115E+00
-3.000	-0.367E+02	.955E+00	.157E+01	-0.761E+02	.482E+02	.131E+00	-0.388E+01	-0.166E+02	.892E+01
-4.000	-0.490E+02	.964E+00	.109E+01	-0.493E+02	.282E+02	.108E+00	-0.423E+01	-0.206E+02	.720E+01
-5.000	-0.613E+02	.970E+00	.807E+02	-0.32/F+02	.176E+02	.927E+01	-0.451E+01	-0.241E+02	.596E+01
-6.000	-0.735E+02	.974E+00	.622E+02	-0.232E+02	.116E+02	.811E+01	-0.473E+01	-0.271E+02	.503E+01
-7.000	-0.857E+02	.977E+00	.494E+02	-0.171E+02	.801E+03	.719E+01	-0.492E+01	-0.298E+02	.430L+01
-8.000	-0.980E+02	.980E+00	.402E+02	-0.129E+02	.570E+03	.647E+01	-0.507E+01	-0.322E+02	.373E+01
-9.000	-0.110E+03	.982E+00	.334E+02	-0.100E+02	.417E+03	.589E+01	-0.521E+01	-0.344E+02	.326L+01
-10.000	-0.123E+03	.983E+00	.282L+02	-0.796E+03	.313E+03	.540E+01	-0.532E+01	-0.364E+02	.28RE+01
-15.000	-0.184E+03	.986E+00	.143E+02	-0.309E+03	.952E+04	.382E+01	-0.573E+01	-0.430E+02	.170E+01
-20.000	-0.245E+03	.991E+00	.860E+03	-0.151E+03	.383E+04	.296E+01	-0.598E+01	-0.486E+02	.113E+01
-25.000	-0.306E+03	.993E+00	.575E+03	-0.84/E+04	.183E+04	.281E+01	-0.615E+01	-0.524E+02	.811E+02
-30.000	-0.367E+03	.994E+00	.411E+03	-0.522E+04	.980L+05	.204F+01	-0.627E+01	-0.550E+02	.598L+02
-35.000	-0.429E+03	.995E+00	.308L+03	-0.544E+04	.572E+05	.177E+01	-0.636E+01	-0.571E+02	.464E+02
-40.000	-0.490E+03	.995E+00	.240E+03	-0.234E+04	.356E+05	.156E+01	-0.643E+01	-0.58/E+02	.370E+02
-45.000	-0.551E+03	.996E+00	.197E+03	-0.173E+04	.253E+05	.139E+01	-0.648E+01	-0.601E+02	.302E+02
-50.000	-0.613E+03	.996E+00	.157E+03	-0.124E+04	.159L+05	.126E+01	-0.653L+01	-0.612E+02	.252E+02
-55.000	-0.674E+03	.997E+00	.131E+03	-0.983E+05	.112E+05	.115E+01	-0.657E+01	-0.622E+02	.213L+02
-60.000	-0.735E+03	.997E+00	.111E+03	-0.771E+05	.811E+06	.106E+01	-0.660E+01	-0.630E+02	.182E+02
-65.000	-0.796E+03	.997E+00	.951E+04	-0.615E+05	.603E+06	.974E+02	-0.663E+01	-0.637E+02	.158E+02
-70.000	-0.858E+03	.997E+00	.824E+04	-0.498E+05	.457L+06	.910E+02	-0.665E+01	-0.643E+02	.138E+02
-75.000	-0.919E+03	.998E+00	.721E+04	-0.404E+05	.353L+06	.851E+02	-0.668E+01	-0.648E+02	.122E+02
-80.000	-0.980E+03	.998E+00	.636E+04	-0.340E+05	.277L+06	.800E+02	-0.669E+01	-0.653E+02	.108E+02
-85.000	-0.104E+04	.996E+00	.566E+04	-0.285E+05	.220E+06	.754E+02	-0.671E+01	-0.658E+02	.965E+02
-90.000	-0.110E+04	.996E+00	.506E+04	-0.242E+05	.177E+06	.715E+02	-0.673E+01	-0.661E+02	.868E+02
-95.000	-0.116E+04	.996E+00	.455L+04	-0.207E+05	.144L+06	.676E+02	-0.674E+01	-0.665E+02	.705E+02
-100.000	-0.122E+04	.996F+00	.401L+04	-0.179E+05	.119L+06	.683F+02	-0.675E+01	-0.668E+02	.713E+02

		C(1)=2.30259	C(2)=-7.50	ALBDA#	.07				
ALPHA	AL/LAH	AMC(1)	AMC(2)	AMC(3)	AMC(4)	CVLP	CSLP	CVLP	VARGV
-0.001	-141E+01	.571F+00	.214E+00	-320E+01	.558E+01	.807E+00	-326E+00	-101E+01	.626E+00
-0.002	-281E+01	.606F+00	.214E+00	-431E+01	.570E+01	.756F+00	-449E+00	-170E+01	.563E+00
-0.003	-422E+01	.623F+00	.205E+00	-487E+01	.578E+01	.726F+00	-524E+00	-162E+01	.529E+00
-0.004	-563E+01	.636F+00	.201E+00	-525E+01	.584E+01	.704E+00	-563E+00	-155E+01	.505E+00
-0.005	-703E+01	.640F+00	.198E+00	-553E+01	.586E+01	.681F+00	-610E+00	-149E+01	.488E+00
-0.006	-844E+01	.655E+00	.195E+00	-574E+01	.592E+01	.674F+00	-669E+00	-144F+01	.474E+00
-0.007	-984E+01	.662F+00	.192E+00	-591E+01	.595E+01	.662F+00	-702L+00	-139E+01	.463E+00
-0.008	-1123E+01	.668F+00	.190E+00	-605E+01	-597E+01	-651E+00	-733E+00	-134E+01	-453E+00
-0.009	-127E+00	.674F+00	.187E+00	-616E+01	.599E+01	.642E+00	-760E+00	-130E+01	.444E+00
-0.010	-141E+00	.679F+00	.185E+00	-626E+01	.600E+01	.634E+00	-784E+00	-125E+01	.437L+00
-0.020	-201E+00	.713E+00	.170E+00	-676E+01	.605E+01	.579F+00	-960E+00	-920E+00	.369E+00
-0.030	-422E+00	.734F+00	.160E+00	-691E+01	.601E+01	.540F+00	-104L+01	-664E+00	.303E+00
-0.040	-563E+00	.745F+00	.153E+00	-694E+01	.595E+01	.522E+00	-116E+01	-446E+00	.345E+00
-0.050	-703E+00	.756F+00	.146E+00	-691E+01	.587E+01	.503F+00	-124E+01	-253E+00	.332E+00
-0.060	-844E+00	.770E+00	.141E+00	-686E+01	.579E+01	.487E+00	-130E+01	-761E+01	.321E+00
-0.070	-984E+00	.774F+00	.136E+00	-679E+01	.570E+01	.474E+00	-136E+01	.843E-01	.311E+00
-0.080	-1123E+01	.786E+00	.132E+00	-672E+01	.561E+01	.462E+00	-141E+01	.243E+00	.304E+00
-0.090	-127E+01	.792E+00	.128E+00	-663F+01	.553E+01	.451E+00	-145E+01	.390E+00	.297E+00
-0.100	-141L+01	.796F+00	.120E+00	-655E+01	.544E+01	.442E+00	-150E+01	.530E+00	.291E+00
-0.120	-281E+01	.836F+00	.995E+01	-571E+01	.464E+01	.378E+00	-182E+01	.172E+01	.251E+00
-0.130	-422E+01	.850F+00	.843E+01	-500E+01	.407E+01	.339E+00	-204E+01	.272E+01	.228E+00
-0.140	-563E+01	.873F+00	.735E+01	-443E+01	.357E+01	.310E+00	-223E+01	.362E+01	.211E+00
-0.150	-703E+01	.885F+00	.651E+01	-396E+01	.316E+01	.288E+00	-238E+01	.446E+01	.198E+00
-0.160	-844E+01	.894F+00	.584E+01	-356E+01	.262E+01	.270E+00	-252E+01	.526E+01	.188E+00
-0.170	-984E+01	.902F+00	.529E+01	-322E+01	.253E+01	.255E+00	-264E+01	.602E+01	.179E+00
-0.180	-1123E+02	.908E+00	.483E+01	-293E+01	.228E+01	.242E+00	-274E+01	.676E+01	.171E+00
-0.190	-127E+02	.914E+00	.443E+01	-267E+01	.204E+01	.230F+00	-286E+01	.747E+01	.164E+00
-0.200	-141E+02	.919F+00	.409E+01	-245E+01	.187E+01	.220E+00	-296E+01	.817E+01	.157E+00
-0.2200	-281E+02	.947F+00	.218E+01	-119E+01	.824E+02	.156E+00	-310E+01	.144E+02	.110E+00
-0.2400	-422E+02	.960F+00	.158E+01	-680F+02	.431E+02	.122E+00	-419E+01	.196E+02	.888E+01
-0.2600	-563E+02	.964F+00	.960E+02	-424F+02	.250E+02	.101F+00	-456E+01	.241E+02	.71AE+01
-0.2800	-703E+02	.973F+00	.70AE+02	-284E+02	.156E+02	.865F+01	-486E+01	.281E+02	.594E+01
-0.3000	-844E+02	.977F+00	.545E+02	-205E+02	.103E+02	.155E+01	-509E+01	.316E+02	.502E+01
-0.3200	-984E+02	.981F+00	.433E+02	-151E+02	.706E+03	.671E+01	-529E+01	.347E+02	.429E+01
-0.3400	-1123E+03	.982E+00	.352E+02	-114E+02	.501E+03	.604E+01	-546E+01	.374E+02	.372E+01
-0.3600	-127E+03	.984F+00	.292E+02	-844E+03	.366E+03	.549E+01	-560E+01	.399E+02	.326E+01
-0.3800	-141E+03	.985F+00	.247E+02	-700E+03	.274E+03	.504E+01	-572E+01	.421E+02	.287E+01
-0.4000	-211E+03	.994E+00	.125E+02	-271E+03	.832E+04	.351E+01	-616E+01	.506E+02	.170L+01
-0.4200	-281E+03	.992E+00	.751E+03	-132E+03	.334E+04	.276E+01	-642E+01	.563E+02	.112E+01
-0.45000	-352E+03	.994F+00	.501E+03	-741E+04	.159E+04	.225E+01	-660E+01	.603E+02	.799E+02
-0.48000	-422E+03	.995E+00	.359E+03	-456E+04	.853E+05	.190E+01	-672E+01	.634E+02	.597E+02
-0.51000	-492E+03	.995F+00	.269E+03	-301E+04	.497E+05	.165E+01	-682E+01	.657E+02	.463E+02
-0.54000	-563E+03	.996F+00	.209E+03	-209E+04	.309E+05	.145E+01	-689E+01	.676E+02	.369E+02
-0.57000	-633E+03	.996F+00	.168E+03	-151E+04	.202E+05	.130E+01	-695L+01	.691E+02	.302E+02
-0.60000	-703E+03	.997F+00	.137E+03	-112E+04	.13AE+05	.117F+01	-700E+01	.704E+02	.251E+02
-0.65000	-732E+03	.997E+00	.114E+03	-86UE+05	.972E+06	.107E+01	-704E+01	.715E+02	.212E+02
-0.66000	-844E+03	.997E+00	.967E+04	-673E+05	.705E+06	.986E+02	-708E+01	.724E+02	.181E+02
-0.68000	-914E+03	.998F+00	.829E+04	-536F+05	.523E+06	.913E+02	-711E+01	.732E+02	.157E+02
-0.70000	-984E+03	.998F+00	.718E+04	-434F+05	.397E+06	.844E+02	-713E+01	.734E+02	.137E+02
-0.75000	-104E+04	.998F+00	.629E+04	-557E+05	.306E+06	.794E+02	-716E+01	.745E+02	.121E+02
-0.80000	-113E+04	.998E+00	.555E+04	-296E+05	.240E+06	.746F+02	-718E+01	.751E+02	.108E+02
-0.85000	-120E+04	.998E+00	.493E+04	-244E+05	.191E+06	.703E+02	-719E+01	.756E+02	.962E+02
-0.90000	-127E+04	.998F+00	.441E+04	-211E+05	.154E+06	.665E+02	-721E+01	.766E+02	.865E+02
-0.95000	-134E+04	.998F+00	.397L+04	-181E+05	.125E+06	.631E+02	-722E+01	.764E+02	.783E+02
-100,000	-141E+04	.998F+00	.359E+04	-156E+05	.103E+06	.600E+02	-724L+01	.768E+02	.711E+03

ALPHA	AL/LAH	AMHC(1)	AMHC(2)	AMHC(3)	AMHC(4)	CVLP	C8LP	CKLP	VARCV
-0.001	-0.160E+01	.616E+00	.210E+00	-0.476E+01	.586E+01	.744E+00	-0.494E+00	-0.167E+01	.556E+00
-0.002	-0.320E+01	.644E+00	.207E+00	-0.554E+01	.603E+01	.698E+00	-0.616E+00	-0.152E+01	.508E+00
-0.003	-0.480E+01	.666E+00	.196E+00	-0.603E+01	.611E+01	.671E+00	-0.692E+00	-0.142E+01	.478E+00
-0.004	-0.640E+01	.677E+00	.192E+00	-0.630E+01	.616E+01	.652E+00	-0.750E+00	-0.133E+01	.459E+00
-0.005	-0.800E+01	.682E+00	.188E+00	-0.650E+01	.619E+01	.671E+00	-0.794E+00	-0.125E+01	.445E+00
-0.006	-0.960E+01	.684E+00	.185E+00	-0.664E+01	.622E+01	.624E+00	-0.835E+00	-0.116E+01	.434E+00
-0.007	-0.112E+00	.696E+00	.182E+00	-0.676E+01	.624E+01	.613E+00	-0.869E+00	-0.112E+01	.425E+00
-0.008	-0.128E+00	.702E+00	.180E+00	-0.684E+01	.625E+01	.604E+00	-0.894E+00	-0.106E+01	.416E+00
-0.009	-0.144E+00	.707E+00	.177E+00	-0.692E+01	.626E+01	.596E+00	-0.927E+00	-0.101E+01	.409E+00
-0.010	-0.160E+00	.712E+00	.175E+00	-0.697E+01	.626E+01	.588E+00	-0.952E+00	-0.956E+00	.403L+00
-0.020	-0.320E+00	.743E+00	.160E+00	-0.721E+01	.623E+01	.536E+00	-0.113E+01	-0.558E+00	.364E+00
-0.030	-0.480E+00	.762E+00	.149E+00	-0.720E+01	.613E+01	.508E+00	-0.125E+01	-0.256E+00	.342E+00
-0.040	-0.640E+00	.775E+00	.142E+00	-0.713E+01	.602E+01	.485E+00	-0.130E+01	-0.511E+00	.326E+00
-0.050	-0.800E+00	.786E+00	.135E+00	-0.703E+01	.591E+01	.466E+00	-0.141E+01	-0.225E+00	.315E+00
-0.060	-0.960E+00	.795E+00	.130E+00	-0.692E+01	.579E+01	.454E+00	-0.148E+01	-0.431E+00	.305E+00
-0.070	-0.112E+01	.802E+00	.125E+00	-0.680E+01	.568E+01	.441E+00	-0.153E+01	-0.621E+00	.297E+00
-0.080	-0.128L+01	.809E+00	.121E+00	-0.669E+01	.558E+01	.430F+00	-0.159E+01	-0.800E+00	.290E+00
-0.090	-0.144E+01	.815E+00	.117E+00	-0.657E+01	.547E+01	.421E+00	-0.163E+01	-0.969E+00	.284E+00
-0.100	-0.160E+01	.820E+00	.114E+00	-0.646E+01	.537E+01	.412E+00	-0.168E+01	-0.115E+01	.279E+00
-0.200	-0.320E+01	.854E+00	.906E+01	-0.548E+01	.452E+01	.353E+00	-0.201E+01	-0.250E+01	.243E+00
-0.300	-0.480E+01	.874E+00	.764E+01	-0.474E+01	.38AE+01	.310E+00	-0.224E+01	-0.364E+01	.222E+00
-0.400	-0.640E+01	.887E+00	.664E+01	-0.416E+01	.357E+01	.290E+00	-0.244E+01	-0.466E+01	.207E+00
-0.500	-0.800E+01	.898E+00	.587E+01	-0.369E+01	.297E+01	.270E+00	-0.260E+01	-0.562E+01	.195E+00
-0.600	-0.960E+01	.905E+00	.525E+01	-0.330E+01	.263E+01	.253E+00	-0.274E+01	-0.653E+01	.185E+00
-0.700	-0.112E+02	.913E+00	.475E+01	-0.297E+01	.235E+01	.239E+00	-0.207E+01	-0.739E+01	.176E+00
-0.800	-0.128E+02	.919E+00	.433E+01	-0.264E+01	.211E+01	.226E+00	-0.299E+01	-0.823E+01	.169E+00
-0.900	-0.144E+02	.924E+00	.397E+01	-0.245E+01	.190E+01	.216E+00	-0.310E+01	-0.904E+01	.162E+00
-1.000	-0.160E+02	.928E+00	.366E+01	-0.224E+01	.172E+01	.206E+00	-0.320E+01	-0.983E+01	.154E+00
-2.000	-0.320E+02	.953E+00	.194E+01	-0.10F+01	.745E+02	.106E+00	-0.398E+01	-0.169E+02	.113E+00
-3.000	-0.480E+02	.965E+00	.127E+01	-0.610E+02	.387E+02	.115E+00	-0.450E+01	-0.228E+02	.885E+01
-4.000	-0.640E+02	.972E+00	.850E+02	-0.383E+02	.723E+02	.948E+01	-0.489E+01	-0.274E+02	.716E+01
-5.000	-0.800E+02	.977E+00	.626E+02	-0.258E+02	.139E+02	.810E+01	-0.520E+01	-0.324E+02	.593E+01
-6.000	-0.960E+02	.980F+00	.482E+02	-0.182F+02	.913E+03	.708E+01	-0.545E+01	-0.364E+02	.501E+01
-7.000	-0.112E+03	.982F+00	.382E+02	-0.134E+02	.626E+03	.629E+01	-0.566E+01	-0.394E+02	.429E+01
-8.000	-0.128E+03	.984E+00	.311E+02	-0.101E+02	.440E+03	.566F+01	-0.584E+01	-0.430E+02	.371E+01
-9.000	-0.144E+03	.986F+00	.258E+02	-0.704E+03	.324E+03	.515E+01	-0.599E+01	-0.450E+02	.325E+01
-10.000	-0.160E+03	.987E+00	.217E+02	-0.620E+03	.242E+03	.472F+01	-0.612E+01	-0.483E+02	.287E+01
-15.000	-0.240E+03	.991F+00	.110E+02	-0.234E+03	.733E+04	.334E+01	-0.658E+01	-0.579E+02	.170E+01
-20.000	-0.320E+03	.993F+00	.661E+03	-0.11E+03	.294E+04	.259E+01	-0.686E+01	-0.643E+02	.112E+01
-25.000	-0.400E+03	.995E+00	.441E+03	-0.653E+04	.140E+04	.211E+01	-0.704E+01	-0.684E+02	.797E+02
-30.000	-0.480E+03	.995E+00	.315E+03	-0.402E+04	.749E+05	.178E+01	-0.718E+01	-0.723E+02	.595E+02
-35.000	-0.560E+03	.996F+00	.237E+03	-0.265E+04	.437E+05	.154E+01	-0.728E+01	-0.744E+02	.462E+02
-40.000	-0.640E+03	.997F+00	.18N+03	-0.184F+04	.272E+05	.136E+01	-0.736E+01	-0.770E+02	.368E+02
-45.000	-0.720E+03	.997F+00	.147E+03	-0.133E+04	.178E+05	.122E+01	-0.742E+01	-0.780E+02	.301E+02
-50.000	-0.800E+03	.997F+00	.121E+03	-0.949F+05	.121E+05	.110E+01	-0.747E+01	-0.802E+02	.250E+02
-55.000	-0.880E+03	.997E+00	.100E+03	-0.75F+05	.853E+06	.101E+01	-0.752E+01	-0.814E+02	.211E+02
-60.000	-0.960E+03	.998F+00	.850E+04	-0.592F+05	.618E+06	.924E+02	-0.755E+01	-0.825E+02	.181E+02
-65.000	-0.104E+04	.998F+00	.729E+04	-0.472E+05	.459E+06	.856E+02	-0.758E+01	-0.834E+02	.157E+02
-70.000	-0.112E+04	.998F+00	.652E+04	-0.382E+05	.348E+06	.796E+02	-0.761E+01	-0.842E+02	.137E+02
-75.000	-0.120E+04	.998F+00	.553E+04	-0.314E+05	.268E+06	.745E+02	-0.764E+01	-0.849E+02	.121E+02
-80.000	-0.128E+04	.998F+00	.488E+04	-0.261E+05	.210L+06	.700F+02	-0.766E+01	-0.855E+02	.107E+02
-85.000	-0.136E+04	.998F+00	.433E+04	-0.219E+05	.167E+06	.659E+02	-0.768E+01	-0.861E+02	.960E+03
-90.000	-0.144E+04	.998F+00	.388E+04	-0.186E+05	.135E+06	.624F+02	-0.769E+01	-0.866E+02	.863E+03
-95.000	-0.152E+04	.998F+00	.349E+04	-0.159E+05	.110E+06	.592E+02	-0.771E+01	-0.870E+02	.781E+03
-100.000	-0.160E+04	.999F+00	.316E+04	-0.137E+05	.907E+07	.563E+02	-0.777E+01	-0.874E+02	.709E+03

		C(1)=7.30250	C81=-0.50	ALBDA= .00					
ALPHA	AL/LAM	AMNC(1)	AMNC(2)	AMNC(3)	AMNC(4)	CVLP	CBLP	CKLP	VARGV
- .001	- .181E+01	.651E+00	.263E+00	.593E+01	.620E+01	.691E+00	.650E+00	-.189E+01	.503E+00
- .002	- .361E+01	.671E+00	.193E+00	.656E+01	.633E+01	.644E+00	.712E+00	-.130E+01	.463E+00
- .003	- .542E+01	.692E+00	.187E+00	.681E+01	.630E+01	.625E+00	.849E+00	-.117E+01	.440E+00
- .004	- .722E+01	.703E+00	.182E+00	.705E+01	.643E+01	.606E+00	.904E+00	-.106E+01	.425E+00
- .005	- .903E+01	.712E+00	.179E+00	.717E+01	.645E+01	.595E+00	.953E+00	-.972E+00	.413E+00
- .006	- .108E+00	.719E+00	.175E+00	.726E+01	.646E+01	.581E+00	.993E+00	-.889E+00	.403E+00
- .007	- .126E+00	.725E+00	.172E+00	.732E+01	.646E+01	.572E+00	.103E+01	-.815E+00	.395E+00
- .008	- .144E+00	.731E+00	.169E+00	.737E+01	.646E+01	.563E+00	.106E+01	-.747E+00	.389E+00
- .009	- .163E+00	.736E+00	.167E+00	.740E+01	.645E+01	.555E+00	.109E+01	-.683E+00	.383E+00
- .010	- .181E+00	.740E+00	.165E+00	.742E+01	.645E+01	.549E+00	.111E+01	-.624E+00	.377E+00
- .020	- .361E+00	.764E+00	.149E+00	.744E+01	.632E+01	.502E+00	.129E+01	-.151E+00	.344E+00
- .030	- .542E+00	.786E+00	.159E+00	.731E+01	.617E+01	.474E+00	.141E+01	.194E+00	.325E+00
- .040	- .723E+00	.798E+00	.151E+00	.716E+01	.602E+01	.454E+00	.150E+01	.487E+00	.311E+00
- .050	- .903E+00	.808E+00	.125E+00	.700E+01	.587E+01	.438E+00	.158E+01	.746E+00	.301E+00
- .060	- .108E+01	.816E+00	.120E+00	.685E+01	.573E+01	.425E+00	.165E+01	.981E+00	.293E+00
- .070	- .126E+01	.823E+00	.115E+00	.670E+01	.560E+01	.413E+00	.171E+01	.120E+01	.286E+00
- .080	- .145E+01	.829E+00	.112E+00	.655E+01	.547E+01	.403E+00	.176E+01	.140E+01	.280E+00
- .090	- .163E+01	.834E+00	.108E+00	.642E+01	.536E+01	.394E+00	.181E+01	.160E+01	.274E+00
- .100	- .181E+01	.839E+00	.105E+00	.628E+01	.524E+01	.386E+00	.185E+01	.176E+01	.269E+00
- .200	- .361E+01	.869E+00	.827E+01	.522E+01	.433E+01	.331E+00	.220E+01	.334E+01	.237E+00
- .300	- .542E+01	.887E+00	.694E+01	.447E+01	.368E+01	.297E+00	.244E+01	.462E+01	.218E+00
- .400	- .722E+01	.900E+00	.601E+01	.389E+01	.317E+01	.273E+00	.264E+01	.578E+01	.204E+00
- .500	- .903E+01	.904E+00	.530E+01	.345E+01	.278E+01	.255E+00	.281E+01	.668E+01	.192E+00
- .600	- .108E+02	.916E+00	.474E+01	.306E+01	.245E+01	.238E+00	.296E+01	.788E+01	.183E+00
- .700	- .126E+02	.923E+00	.428E+01	.275E+01	.218E+01	.224E+00	.310E+01	.886E+01	.174E+00
- .800	- .144E+02	.928E+00	.390E+01	.248E+01	.195E+01	.213E+00	.322E+01	.981E+01	.167E+00
- .900	- .163E+02	.932E+00	.357E+01	.225E+01	.175E+01	.205E+00	.334E+01	.107E+02	.160E+00
-1.000	- .181E+02	.930E+00	.329E+01	.206E+01	.158E+01	.194E+00	.345E+01	.116E+02	.154E+00
-2.000	- .361E+02	.958E+00	.173E+01	.471E+02	.676E+02	.137E+00	.426E+01	.195E+02	.113E+00
-3.000	- .542E+02	.969E+00	.109E+01	.549E+02	.349E+02	.108E+00	.481E+01	.262E+02	.883E+01
-4.000	- .722E+02	.975E+00	.757E+02	.504E+02	.201E+02	.892E+01	.522E+01	.320E+02	.714E+01
-5.000	- .903E+02	.979E+00	.558E+02	.231E+02	.124E+02	.763E+01	.555E+01	.370E+02	.592E+01
-6.000	- .108E+03	.982E+00	.428E+02	.163E+02	.816E+03	.666E+01	.581E+01	.414E+02	.500E+01
-7.000	- .126E+03	.984E+00	.340E+02	.119E+02	.558E+03	.592E+01	.603E+01	.454E+02	.428E+01
-8.000	- .144E+03	.986E+00	.276E+02	.405E+03	.396E+03	.535E+01	.622E+01	.484E+02	.371E+01
-9.000	- .163E+03	.987E+00	.229E+02	.699E+03	.289E+03	.485E+01	.658E+01	.520E+02	.325E+01
-10.000	- .181E+03	.989E+00	.193E+02	.553E+03	.216E+03	.445E+01	.651E+01	.548E+02	.287E+01
-15.000	- .271E+03	.992E+00	.974E+03	.213E+03	.651E+04	.315F+01	.700E+01	.656E+02	.169E+01
-20.000	- .361E+03	.994E+00	.586E+03	.104E+03	.261E+04	.244E+01	.729E+01	.128E+02	.112L+01
-25.000	- .452E+03	.995E+00	.391E+03	.580E+04	.124E+04	.194E+01	.749E+01	.179E+02	.796E+02
-30.000	- .542E+03	.996E+00	.280E+03	.357E+04	.663E+05	.168E+01	.763E+01	.818E+02	.594E+02
-35.000	- .632E+03	.996E+00	.210E+03	.235E+04	.386E+05	.145F+01	.774E+01	.847E+02	.461E+02
-40.000	- .722E+03	.997E+00	.163E+03	.165E+04	.240E+05	.128E+01	.787E+01	.871E+02	.368L+02
-45.000	- .813E+03	.997F+00	.131E+03	.118E+04	.157E+05	.115E+01	.789E+01	.891E+02	.300L+02
-50.000	- .903E+03	.998E+00	.107E+03	.878E+05	.107E+05	.104E+01	.794E+01	.907E+02	.250L+02
-55.000	- .993E+03	.998F+00	.891E+04	.672E+05	.754E+06	.946E+02	.799E+01	.921E+02	.211E+02
-60.000	- .108E+04	.998F+00	.754E+04	.525E+05	.546E+06	.870E+02	.803E+01	.932E+02	.181E+02
-65.000	- .117E+04	.998F+00	.646E+04	.419E+05	.406E+06	.805E+02	.806E+01	.942E+02	.156E+02
-70.000	- .126E+04	.998F+00	.560E+04	.334E+05	.307E+06	.750E+02	.809E+01	.951E+02	.137E+02
-75.000	- .135E+04	.998F+00	.490E+04	.278E+05	.237E+06	.701E+02	.812E+01	.954E+02	.121E+02
-80.000	- .144E+04	.998F+00	.432E+04	.231E+05	.186E+06	.658E+02	.814E+01	.966E+02	.107E+02
-85.000	- .154E+04	.999F+00	.384E+04	.194E+05	.148E+06	.621E+02	.816E+01	.972E+02	.958L+01
-90.000	- .163E+04	.999F+00	.344E+04	.165E+05	.119E+06	.581E+02	.818E+01	.970E+02	.861E+01
-95.000	- .172E+04	.999E+00	.309E+04	.141E+05	.969E+07	.557E+02	.819E+01	.983E+02	.779L+01
-100.000	- .181E+04	.999E+00	.280E+04	.121E+05	.797E+07	.530E+02	.821E+01	.988E+02	.708L+01

D 31,

ALPHA	AL/LAM	AMHC(1)	AMC(2)	AMC(3)	AMC(4)	CYLP	C8LP	CKLP	VARCV
-0.001	-0.202E+01	.682E+00	.194E+00	.668E+01	.649E+01	.645E+00	.798E+00	-0.127E+01	.403E+00
-0.002	-0.405E+01	.706E+00	.184E+00	-0.725E+01	.658E+01	.601E+00	.920E+00	-0.105E+01	.429E+00
-0.003	-0.607E+01	.720E+00	.177E+00	-0.704E+01	.662E+01	.595E+00	.997E+00	-0.893E+00	.410E+00
-0.004	-0.810E+01	.731E+00	.172E+00	-0.755E+01	.663E+01	.560E+00	.106E+01	-0.760E+00	.397E+00
-0.005	-0.101E+00	.734E+00	.164E+00	-0.761E+01	.663E+01	.555E+00	.110E+01	-0.656E+00	.387E+00
-0.006	-0.121E+00	.745E+00	.165E+00	-0.765E+01	.662E+01	.545E+00	.114E+01	-0.562E+00	.379E+00
-0.007	-0.142E+00	.751E+00	.162E+00	-0.766E+01	.661E+01	.530E+00	.118E+01	-0.476E+00	.373E+00
-0.008	-0.162E+00	.756E+00	.159E+00	-0.767E+01	.659E+01	.528E+00	.121E+01	-0.397E+00	.367E+00
-0.009	-0.182E+00	.760E+00	.157E+00	-0.767E+01	.657E+01	.521E+00	.124E+01	-0.324E+00	.307E+00
-0.010	-0.202E+00	.764E+00	.155E+00	-0.767E+01	.655E+01	.514E+00	.126E+01	-0.255E+00	.357E+00
-0.020	-0.405E+00	.791E+00	.139E+00	-0.750E+01	.634E+01	.472E+00	.145E+01	-0.282E+00	.328E+00
-0.030	-0.607E+00	.807E+00	.129E+00	-0.729E+01	.614E+01	.446E+00	.157E+01	-0.681E+00	.311E+00
-0.040	-0.810E+00	.818E+00	.122E+00	-0.707E+01	.595E+01	.427E+00	.167E+01	-0.101E+01	.300E+00
-0.050	-0.101E+01	.827E+00	.116E+00	-0.687E+01	.578E+01	.412E+00	.174E+01	-0.131E+01	.290E+00
-0.060	-0.121E+01	.834E+00	.111E+00	-0.669E+01	.562E+01	.394E+00	.181E+01	-0.157E+01	.263E+00
-0.070	-0.142E+01	.840E+00	.107E+00	-0.651E+01	.547E+01	.386E+00	.187E+01	-0.182E+01	.277E+00
-0.080	-0.162E+01	.846E+00	.103E+00	-0.635E+01	.533E+01	.379E+00	.193E+01	-0.205E+01	.271E+00
-0.090	-0.182E+01	.850E+00	.993E+01	-0.620E+01	.520E+01	.371E+00	.198E+01	-0.227E+01	.266E+00
-0.100	-0.202E+01	.655E+00	.963E+01	-0.606E+01	.508E+01	.365E+00	.203E+01	-0.246E+01	.262L+00
-0.200	-0.405E+01	.883E+00	.756E+01	-0.495E+01	.413E+01	.311E+00	.238E+01	-0.423E+01	.232E+00
-0.300	-0.607E+01	.899E+00	.633E+01	-0.420E+01	.347E+01	.286E+00	.264E+01	-0.567E+01	.214E+00
-0.400	-0.810E+01	.911E+00	.547E+01	-0.363E+01	.298E+01	.251E+00	.284E+01	-0.697E+01	.201E+00
-0.500	-0.101E+02	.916E+00	.481E+01	-0.314E+01	.259E+01	.239E+00	.302E+01	-0.818E+01	.190E+00
-0.600	-0.121E+02	.425E+00	.450E+01	-0.283E+01	.228E+01	.224E+00	.318E+01	-0.933E+01	.181E+00
-0.700	-0.142E+02	.931E+00	.388E+01	-0.254E+01	.202E+01	.212E+00	.332E+01	-0.104E+02	.173E+00
-0.600	-0.162E+02	.935E+00	.353E+01	-0.226E+01	.180E+01	.201E+00	.345E+01	-0.115E+02	.165E+00
-0.900	-0.182E+02	.939E+00	.323E+01	-0.201E+01	.162E+01	.191E+00	.357E+01	-0.125E+02	.159E+00
-1.000	-0.202E+02	.943E+00	.297E+01	-0.189E+01	.146E+01	.183E+00	.368E+01	-0.135E+02	.153E+00
-2.000	-0.405E+02	.963E+00	.156E+01	-0.882E+02	.616E+02	.130E+00	.450E+01	-0.224E+02	.113E+00
-3.000	-0.607E+02	.972E+00	.980E+02	-0.497E+02	.316E+02	.102F+00	.512E+01	-0.296E+02	.880E+01
-4.000	-0.810E+02	.978E+00	.679E+02	-0.311E+02	.181E+02	.843E+01	.555E+01	-0.363E+02	.713E+01
-5.000	-0.101E+03	.981E+00	.499E+02	-0.205E+02	.112E+02	.720E+01	.589E+01	-0.419E+02	.591E+01
-6.000	-0.121E+03	.984E+00	.384E+02	-0.147E+02	.733E+03	.629E+01	.617E+01	-0.466E+02	.449E+01
-7.000	-0.142E+03	.986E+00	.304E+02	-0.107E+02	.501E+03	.554E+01	.640E+01	-0.512E+02	.427E+01
-8.000	-0.162E+03	.988E+00	.247E+02	-0.610E+03	.355E+03	.503E+01	.660E+01	-0.551E+02	.370E+01
-9.000	-0.182E+03	.989E+00	.205E+02	-0.627E+03	.259E+03	.456E+01	.676E+01	-0.586E+02	.324E+01
-10.000	-0.202E+03	.990E+00	.173E+02	-0.496E+03	.193E+03	.420E+01	.691E+01	-0.618E+02	.286L+01
-15.000	-0.304E+03	.993E+00	.870E+03	-0.191E+03	.502E+04	.297E+01	.742E+01	-0.738E+02	.169E+01
-20.000	-0.405E+03	.995E+00	.524E+03	-0.976E+04	.235E+04	.235E+01	.773E+01	-0.818E+02	.112E+01
-25.000	-0.506E+03	.996E+00	.349E+03	-0.519E+04	.111E+04	.188E+01	.794E+01	-0.875E+02	.794E+02
-30.000	-0.607E+03	.996E+00	.250E+03	-0.319E+04	.591E+05	.159E+01	.809E+01	-0.918E+02	.593E+02
-35.000	-0.709E+03	.997E+00	.187E+03	-0.210E+04	.344E+05	.13E+01	.820L+01	-0.951E+02	.460E+02
-40.000	-0.810E+03	.997E+00	.146E+03	-0.146E+04	.214E+05	.121E+01	.829L+01	-0.976E+02	.367E+02
-45.000	-0.911E+03	.998E+00	.117E+03	-0.105F+04	.140E+05	.100E+01	.836E+01	-0.100F+03	.300E+02
-50.000	-0.101E+04	.998E+00	.950E+04	-0.784E+05	.953E+06	.979E+02	.841E+01	-0.102E+03	.249E+02
-55.000	-0.111E+04	.998E+00	.745E+04	-0.600E+05	.672E+06	.693E+02	.846E+01	-0.105E+03	.211E+02
-60.000	-0.121E+04	.998E+00	.672E+04	-0.469E+05	.487E+06	.822E+02	.850E+01	-0.105E+03	.180E+02
-65.000	-0.132E+04	.998E+00	.576E+04	-0.374E+05	.361E+06	.761E+02	.854E+01	-0.105E+03	.156E+02
-70.000	-0.142E+04	.998E+00	.500E+04	-0.303E+05	.274E+06	.708E+02	.857E+01	-0.107E+03	.137E+02
-75.000	-0.152E+04	.998E+00	.437E+04	-0.248E+05	.211E+06	.642E+02	.860E+01	-0.108E+03	.120E+02
-80.000	-0.162E+04	.999E+00	.386E+04	-0.206E+05	.168E+06	.622E+02	.867E+01	-0.108E+03	.107E+02
-85.000	-0.172E+04	.999E+00	.343E+04	-0.173E+05	.132E+06	.580F+02	.864E+01	-0.104E+03	.956E+01
-90.000	-0.182E+04	.999E+00	.307E+04	-0.147E+05	.106E+06	.554E+02	.866E+01	-0.110E+03	.860E+01
-95.000	-0.192E+04	.999E+00	.276E+04	-0.126E+05	.863E+07	.520E+02	.868E+01	-0.110F+03	.787E+01
-100.000	-0.202E+04	.999E+00	.250E+04	-0.108E+05	.709E+07	.500E+02	.869E+01	-0.111E+03	.707E+01

**SELECTED WATER
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16. Abstract

The increasing use of the log-Pearson type III distribution to represent observed data (particularly in hydrology) requires a better knowledge of the mathematical and statistical properties of the general form of this distribution.

The mathematical part of the study emphasises the flexibility of the distribution and the many forms of the density function.

In the statistical part the existence of moments is considered and principal moments and coefficients - functions of the distribution parameters - are calculated in a systematic way.

The results obtained permit a graphical representation of the relationship between the coefficient of variation and the coefficient of skewness. The relationships are of great utility in the adequation of the log-Pearson type III distribution.

17a. Descriptors

*Hydrologic data, *Statistical methods, Data collection, Distribution patterns.

17b. Identifiers

*Pearson III, *Log-Pearson type III, Coefficient of variation, Coefficient of skewness, distribution parameters, Moments.

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