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# **Heat Transfer and Pressure Drop at Single Rods with Three-dimensional Roughnesses: Large Scale Tests**

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## Abstract

The results from heat transfer and pressure drop measurements at five single rods with two types of three-dimensional roughnesses in four outer tubes are reported.

The friction factors and Stanton numbers were transformed to the boundary conditions of the rough wall by different methods. A new simple method to transform the Stanton number is proposed. Stanton numbers measured in different outer tubes, transformed to a common flow cross section are a function of the wall Reynolds number only. The tested three-dimensional roughnesses showed considerably higher thermal performances than two-dimensional roughnesses.

Wärmeübergang und Druckverlust an Einzelstäben mit dreidimensionalen Rauigkeiten: Modellstab-Experimente

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Dieser Bericht enthält die Ergebnisse von Wärmeübergangs- und Druckverlustmessungen an fünf Einzelstäben mit zwei verschiedenen Arten von dreidimensionalen Rauigkeiten. Die Versuche wurden in vier verschiedenen Außenrohren durchgeführt. Die Meßergebnisse für Reibungsbeiwerte und Stantonzahlen wurden mit verschiedenen Methoden auf die Randbedingungen der rauhen Wand transformiert. Es wurde eine neue, einfache Methode zur Transformation der Stantonzahlen entwickelt. Die Stantonzahlen, die in verschiedenen Außenrohren gemessen und auf gleichen Strömungsquerschnitt transformiert werden, sind damit nur noch eine Funktion der Wand-Reynoldszahl.

Die untersuchten dreidimensionalen Rauigkeiten zeigten wesentlich bessere Wärmeübertragungseigenschaften als zweidimensionale Rauigkeiten.



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## 1. Introduction

Roughening a surface improves the heat transfer to a fluid flowing past it. There are many possible shapes of the roughness such as regularly spaced ribs of any shape at any angle to the flow. These are called "two dimensional roughnesses". A uniform or random distribution of single bodies or protrusions of any shape on a surface is called a "three dimensional roughness". The first artificial roughness which was investigated extensively by Nikuradse /1/, the so-called "sand grain roughness" belongs to this category of roughnesses.

A great number of investigations on heat transfer at rough surfaces were performed with two-dimensional roughnesses. Thus the optimum roughness shape is known quite well for this category (see for instance /2,3,4/). It was found that a roughness with a high friction factor produces generally a high thermal performance.

An early investigation on heat transfer at 3-D-roughness /5/ did not result in better thermal performances compared to 2-D-roughnesses. This was due to the too large spacing between the individual roughness bodies, as we know now from a systematic study on the flow resistance of three-dimensional roughnesses /6,7/.

From the hydraulic research which is concerned with the flow in open channels it has been known for a long time, that certain 3-D-roughnesses produce a higher flow resistance than 2-D-roughnesses /9,10/. It was therefore assumed that such a roughness would also have a higher heat transfer capability than 2-D-roughnesses.

Preliminary results of experiments on two different 3-D-roughnesses performed in our laboratory were reported in /11,12,13/. These results had confirmed the assumption of a superior thermal performance, however, it was difficult to correlate the results in terms of the roughness parameters of the non-dimensional velocity and temperature distributions, the so-called R- and G-functions. Therefore these experiments were repeated with an improved experimental technique and in a wider range of parameters.

## 2. Experiment

### 2.1 Apparatus and Procedure

The experimental apparatus and the procedure used to obtain the experimental data was described in /2,18/. Here the main features will be described only.

The tests are performed in an annular test section with a single rough rod supported concentrically in a smooth outer tube. The rod consists of a tube of stainless steel with 34 mm O.D. and a heated length of 2000 mm. The rod is heated directly by alternating current (40 V, 2000 A maximum) and cooled by air at pressures little above atmospheric pressure. The flow direction is vertical downward. The mass flow rate is determined by various orifice plates with a calibrated accuracy of better than 1% ( $0.5 \div 500$  g/s). The pressure drop along the test section was measured by 16 static pressure taps in the outer smooth tube spaced 100 mm apart. The absolute and differential pressures were measured by five pressure transducers of the capacitance type (MKS-Baratron) with an accuracy of better than 1% in the whole range between  $1 \text{ Nm}^{-2}$  and  $10^6 \text{ Nm}^{-2}$ . All temperatures were measured by sheathed Ni-Cr/Ni-Al thermocouples. There were twenty thermocouples in the wall of the rough rod close to the rough surface with up to four at the same axial position in order to check for possible eccentricities in the annulus. 26 thermocouples were welded to the outer surface of the smooth tube, which was insulated by a thick layer of asbestos tape to minimize heat losses. The gas temperatures at the inlet and at the outlet of the test section were measured by one respectively four shielded thermocouples. These temperatures were checked by means of a heat balance between the electrical input power and the thermal power. Only runs with heat balances better 5% were considered for the evaluation.

All information from the experiments is transformed into digital data, which are punched on paper tape by a Teletype data logger. The data are translated into BCD-code by computer programmes for input into the evaluation program AURIS and storage on magnetic tape.

## 2.2 Experimental Parameters

Two different roughness shapes were tested. From a two-dimensional roughness with a small pitch-to-height ratio parts of the ribs were cut away by spark erosion in an alternating pattern (Fig.1). This manufacturing method is an expensive procedure, therefore it was tried to obtain a similar geometry by machining threads into the rod surface in both directions with the same pitch (Fig. 2). The height of the first roughness was reduced once by a milling process and that of the second one was reduced twice. Thus, five different rough surfaces were tested in up to four different outer smooth tubes. The exact parameters are listed in Table 1.

The maximum range of the Reynolds number was  $300 < Re < 3 \cdot 10^5$  and the maximum temperature ratio was  $T_W/T_B = 2.2$ . The exact numbers are listed in Tables 5 and 6.

## 3. Evaluation

The experimental data were evaluated with the computer code AURIS. The main features of this code are described in /2/. An alternate Stanton number transformation and new methods for the reduction of the temperature effects were developed since then and are described in /14/.

The measured temperatures of the heated rods were corrected in order to take account of the so called "fin efficiency effect" of the roughness /15/ by

$$T_W = (T_{WM} - T_B) k_\infty + T_B \quad (1)$$

with

$$k_\infty = 1 - 0.4 Bi \quad (2)$$

and the Biot-number

$$Bi = \frac{q}{(T_{WM} - T_B)k_C} \quad (3)$$

The thermal conductivity of the rods was

$$k_C = 8.223 + 0.015823 T \quad (4)$$

The maximum temperature correction occurred for rod No.17 in the 70 mm outer tube at wall temperatures of approximately 550°C and high Reynolds numbers. Here the correction was 4.7 K.

To calculate the heat  $q_1$  which is transferred by convection from the rough rod to the gas, the heat  $q_r$  which is transferred to the outer tube by radiation has to be subtracted from the electrically generated heat.

The heat transmitted by radiation was determined by

$$q_r = \epsilon \sigma S_1 \left[ \left( \frac{T_W}{100} \right)^4 - \left( \frac{T_{W2}}{100} \right)^4 \right] \quad (5)$$

$S_1$  being the surface area of the heated rod.

The emissivity  $\epsilon$  had been measured in the evacuated test section with a 70 mm outer tube.

For roughness No.1 (rod 10 and 12) it was

$$\begin{aligned} \epsilon &= 0.514 && \text{for } T_W \leq 450^\circ\text{C} \\ \text{and} \quad \epsilon &= 1.046 - 0.00227 T_W + 2.4 \cdot 10^{-6} T_W^2 && (6) \\ &&& \text{for } T_W > 450^\circ\text{C} \end{aligned}$$

and for roughness No.2 (rod 15, 16 and 17) it was

$$\epsilon = 0.4249 \quad (7)$$

For outer tubes other than the 70 mm tube a correction was made. It was

$$\epsilon_{50} = \frac{1}{1/\epsilon + 0.2472} \quad \text{for the 50 mm tube} \quad (8)$$

and

$$\epsilon_{85} = \frac{1}{1/\epsilon - 0.1123} \quad \text{for the 85 mm tube} \quad (9)$$

The convective heat transfer coefficient is then calculated by

$$\alpha = q_1 / (T_W - T_B) \quad (10)$$

with

$$T_B = T_E + Q_1 / m c_p \quad (11)$$

The friction factor was calculated by the equation

$$f = \frac{D_h}{2\Delta l} \left[ \frac{\Delta p}{\rho_{Bm} u_{Bm}^2} - \frac{\Delta T}{T_{Bm}} - \ln \frac{p_i}{p_{i+1}} \right], \quad (12)$$

which takes account of the pressure drop due to acceleration.  $\Delta p$  is the pressure drop and  $\Delta T$  is the temperature increase of the gas between two pressure tappings which are spaced equidistantly along the test section by  $\Delta l$ .

The parameters with the index m are mean values between the positions i and i+1.

For the heated tests the measured pressure differences were corrected for the different air densities within the test section and within the connection lines to the pressure transducer. This buoyancy effect was taken care of by

$$\Delta p = \Delta p_{\text{measured}} + g\Delta L (\rho_{Bm} - \rho_L), \quad (13)$$

$\rho_L$  being the air density in the lines.

This effect is not negligible, which is demonstrated by an example. The uncorrected bulk friction factor of heated runs in test section 16/70 is four times higher than the correct one at a Reynolds number of 2000. At  $Re=5000$  the factor is still 1.5. This error becomes even higher for the transformed friction factor  $f_1$ .

For rough surfaces the definition of the hydraulic diameter is not manifest. Neither the tip nor the root of the roughness ribs seems to be the correct origin of the velocity profile. The often used volumetric definition gives very small displacements of the origin ( $\epsilon$ ) in respect to the root if the volume of the roughness ribs is small.

An evaluation with a volumetrically defined hydraulic diameter resulted in friction factors in the laminar region which were too high in comparison with the theoretical value  $f = K/Re$ .

Therefore the displacement of the origin was increased, which means a smaller hydraulic diameter, up to a value  $\epsilon/h = 0.3$  for roughness No.1 and  $\epsilon/h = 0.4$  for roughness No.2. This was done for both, laminar and turbulent flow.

With these definitions the experimental friction factors fall on the theoretical line.

The friction factor  $f_B$  and Stanton number  $St_B$  of the entire annulus were transformed to the rough boundary conditions using the laws of the wall for the velocity and temperature profile. The procedure is fully described in /16/ and /2/.

Two laws of the wall for the velocity profiles starting from both walls of the annulus are assumed and the intersection of the profiles is interpreted as the zero shear position. Inside this plane is the zone which is influenced by the rough rod only.

Recent experiments showed that the slopes vary with the roughness geometry and the Reynolds number /3,6,17, 8,19,20/. The present experiments were transformed with several different assumptions about these slopes and various transformation methods for the Stanton number. This will be discussed together with the results in the next chapter. All experiments were evaluated with constant slopes  $A_r=A_H=2.5$  (Table 5) and variable slopes (Table 6).

The evaluation of friction and heat transfer coefficients and the transformation procedure was performed with local data along the test rod. The intervalls were 100 mm for the outer tubes of 40, 50 and 70 mm and 200 mm for the 85 mm outer tube. In this report only mean values are given in the plots and tables. These mean values were obtained by averaging the local results over an axial section where the results were relatively constant. The lengths of the averaging sections are different for different rough rod-smooth tube combinations and are listed in Table 2.

Changing test conditions, like bowing of the rods or leaks in the pressure tappings made it necessary to choose different lengths for the averaging process.

#### 4. Results of Unheated Tests

Except for rod No.10 all rough rods have been tested in four different outer tubes. The bulk friction factors, averaged over the respective lengths (s. Table 2), are shown versus the bulk Reynolds number in Fig. 3-7 (A).

For rod No. 15 the friction factor decreases with increasing Reynolds number. Due to the low roughness height the friction at the rough rod is relatively low and the influence of the smooth tube is noticeable in the bulk friction factor. The rods with high roughnesses produce almost constant friction factors at high Reynolds numbers. At low turbulent Reynolds numbers the friction

factor  $f_B$  usually decreases before it rises again in the laminar region. In small flow cross sections another trend can be observed. Here, going to lower Reynolds numbers, the friction factor increases below  $Re_B = 10^4$  (rod No.12 and 16, the top curves). This may be due to the laminar behaviour of the flow in the smooth zone, where the Reynolds number is smaller by a factor of approximately two in respect to the bulk Reynolds number.

In Fig.8 and 9 the friction factor  $f_B$  at two Reynolds numbers ( $Re_B = 10^4$  and  $Re_B = 10^5$ ) is shown versus the relative roughness height or the relative channel width, respectively.

The friction factors for roughness No.1 fall on a straight line at  $Re = 10^5$  (Fig.8), but not for  $Re = 10^4$ . Although the individual friction factors for the lower roughness height (rod No.12) are smaller than the corresponding values of rod No.10, the plotted line for rod 12 lies above the line for rod 10. This means that at a fixed relative roughness height the roughness with the lower height produces higher friction. This was predicted by the results of a parametric study in a rectangular channel /6/. The ratio of the roughness pitch to height of rod No.12 lies near the optimum, which was found in that investigation.

In Fig.8 the line for a two-dimensional roughness is also shown. This roughness produced the highest friction factors of all two-dimensional roughnesses which have been investigated in our laboratory /18, 2/. The pitch to height ratio ( $p/h=6.11$ ) is near the optimum for two-dimensional roughnesses.

The friction factors for roughness No.2 (Fig.9) do not fall upon a straight line, with the exception of the lowest roughness height (rod No.15), and are lower than those of roughness No.1.

The discussion of the bulk friction factor might help to understand the curves of the roughness parameter  $R$ , which are shown in the following figures.

In Fig.10-11 the roughness parameter  $R(h^+)$  of the velocity profile

$$u^+ = A_r \ln\left(\frac{y}{h}\right) + R(h^+) \quad (14)$$

is shown, evaluated with a constant slope  $A_r=2.5$ . The slope  $A_s$  of the velocity profile in the smooth outer zone is varied to take account of the increased friction factor of the smooth zone due to the opposite roughness /21,2/ (results are listed in Table 5).

It is not possible to correlate the roughness parameter  $R$  by a single function of  $h^+$  for the individual roughnesses due to the large deviation of the results which were obtained in the smallest flow cross section (40 mm outer tube).

From measurements of the velocity profile over rough surfaces in rectangular channels /6,17,8/ and in annuli /3,20/ it is well known that the slope of the logarithmic velocity profile  $A_r$  is generally lower than 2.5. There is, however, no general correlation of  $A_r$  for the large variety of three-dimensional roughnesses.

For two-dimensional roughnesses it was found that the slope  $A_r$  decreased with increasing relative roughness height and with increasing friction factor /6,17/. This was found for high Reynolds numbers, respectively high values of  $h^+$ . For lower values of  $h^+$  the slope  $A_r$  was found to increase again /20/.

The variation of  $A_r$  can be described by

$$A_r = C_1 + \frac{C_2}{\log(h/\hat{y}_r)} + \frac{C_3}{\log h^+} \quad (15)$$

For the determination of the constants we use a method first proposed by Hodge et al. /22/. The relation between the transformed friction factor  $f_1$ , the slope of the velocity profile  $A_r$  and the roughness parameter  $R$  valid for an annulus can be written as

$$\sqrt{\frac{2}{f_1}} = A_r \left[ \ln \left( \frac{\hat{y}}{h} \right) - \frac{1}{2} - \frac{1}{2 + \hat{y}/r_1} \right] + R(h^+) \quad (16)$$

Fig. 12 shows a plot of  $\sqrt{2/f_1}$  versus  $\left[ \ln(\hat{y}/h) - \frac{1}{2} - \frac{1}{2 + \hat{y}/r_1} \right]$  at a Reynolds number  $Re_1 = 10^5$  for all test sections. The assumption of Hodge that the results of one rod in several outer tubes of different diameter fall on a straight line does not come true. The slope of this line would be  $A_r$  and the intersection with the ordinata would be  $R$ .

Drawing a line through the present results we see that the slope of the line varies. It becomes lower with increasing relative roughness height (smaller values at the abscissa).

We can either draw lines with constant slopes (constant  $A_r$ ) through the points and get a variable  $R$  (different intersection with the ordinata for each point) or draw a line between a fixed value on the ordinata (constant  $R$ ) and the various points and get variable slopes  $A_r$ .

Doing the first with a slope  $A_r = 2.5$  results in the  $R$ -functions shown in Fig. 10-11. The second method was applied in the following manner. In order to limit the number of correlations equation (15) was applied for all test sections. The constants  $C_1$  and  $C_2$  were determined from figure 12 in an approximation procedure. The constant  $C_3$  was determined by the condition that  $R$  should be constant with variable  $h^+$ . The constants for all the rods are listed in Table 3.

The transformation procedure was performed with a variable slope of the smooth velocity profile ( $A_s$ ). The equation for  $A_s$  was found in a rectangular channel /6,17/.

$$A_s = 2.55 + \frac{0.4}{\ln \left[ 0.1 h / (r_2 (1-\beta)) \right]} \quad (17)$$

The variation of  $A_s$  with  $Re_s$  which was suggested by the results of the measurements in different annuli /20/ was not applied since the range of tested Reynolds numbers was too limited to be sure of this dependence.

The R-values, determined with  $A_r$  and  $A_s$  by equation (15) and (17), are shown in Fig. 13 (results are listed in Table 6).

They are constant in a wide range of  $h^+$  with a small amount of scatter. It would be possible to decrease the differences between outer tubes in some cases by applying more complicated correlations for  $A_r$ . This did not seem to be sensible, since the reliability of the experimental results, due to inaccurate concentricity of the annulus and other experimental errors was not better than the spread of scatter.

With different assumptions about the slopes of the velocity profiles the transformation produces different friction factors  $f_1$  and  $f_2$ .

The transformed friction factor  $f_1$  for the rough zone evaluated with variable slopes  $A_r$  and  $A_s$  are plotted in Fig. 3-7 (B). Also shown are lines which represent the results of a transformation with a constant  $A_r=2.5$  and variable  $A_s$ . The differences are not such that a different transformation can change the trend of the curves in Fig.12 (compare also results in Table 5 and Table 6).

For specific Reynolds numbers the difference in per cent is listed in Table 4.

The transformation with variable slope  $A_r$  gives generally lower friction factors  $f_1$  and higher  $f_2$ . The maximum differences occur in the small flow cross sections where the deviation of the slope  $A_r$  from 2.5 is largest.

The magnitude of the differences in  $f_1$  might not justify to apply variable slopes  $A_r$  since it is in the order of 5% for extreme conditions and less than 3% for flow channels common to reactor geometry.

If, however, R-functions are to be used for the calculation of friction factors, the errors might become substantial. If, for instance, the R-value determined from measurements in the 50, 70 or 85 mm outer tube with  $A_r=2.5$  is taken to be the same in the 40 mm tube, the associated friction factor would be wrong by a factor of three (rod 17), or 1.6 (rod 12). Thus, for the application of R-functions a reliable correlation for  $R(h^+)$  valid in the whole parameter field must be established.

Therefore, more complicated correlations for  $A_r$  or R must be used. Since experimental evidence speaks for variable  $A_r$ , this method is recommended and is applied for the heated tests as well.

## 5. Results of Heated Tests

### 5.1 Friction Factor

The next 15 figures show the friction factors of the heated tests together with those of the unheated tests for the five rods.  
(Fig.14-28)

The results for the bulk friction factor indicate that the friction factors decrease with increasing  $T_W/T_B$ -ratio in the turbulent region and increase in the laminar region. The temperature effect in the laminar region was discussed in /23/ and can be eliminated if  $f_B$  is plotted versus  $Re_{\bar{W}}$ , the Reynolds number being evaluated at a temperature  $T_{\bar{W}}$ , average between the temperature of the inner rod surface and of the outer smooth surface, the average being weighted over the two surfaces:

$$T_{\bar{W}} = \frac{T_{W1} S_1 + T_{W2} S_2}{S_1 + S_2} \quad (18)$$

The temperature effect in the turbulent region is very small for rod 16 and 17 in the 50 mm outer tube and is zero at high Reynolds numbers also in the other outer tubes for rod 17.

This can only be attributed to the extreme roughness of rod 17.

The transformed friction factors  $f_1$  were determined with a variable  $A_r$ . The values for  $Re < 3000$  are not correct since the transformation method cannot be applied in laminar flow.

The temperature effect was reduced by

$$f_{1R} = f_1 \left( \frac{T_W}{T_B} \right)^{0.29} \quad (19)$$

The exponent was found to be the same for different gases in /14/.

Plotting  $f_{1R}$  versus  $Re_{1W}$  the results of the heated tests agree with those of the unheated tests at Reynolds numbers  $Re_{1W} > 2 \cdot 10^4$  within the experimental error for all test sections except for rod 17, since there was no temperature effect in the bulk data at high Reynolds numbers.

## 5.2 Roughness Parameter of the Velocity Profile: $R(h^+)$

The roughness parameter  $R(h^+)$  was calculated from the transformed friction factors with both, a constant  $A_r=2.5$  and a variable  $A_r$  according to equation (15) (Table 5 and 6).

The temperature effect was reduced in two ways. The first method /2/ uses a correction term on  $R(h^+)$

$$R(h^+)_1 = R(h^+) - \frac{5}{\sqrt{h_W^+}} \left( \frac{T_W}{T_1} - 1 \right)^2 \quad (20)$$

while the second method /14/ uses the reduced friction factor  $f_{1R}$  to calculate a reduced roughness parameter

$$R(h^+)_{\text{R}} = \sqrt{\frac{2}{f_{1\text{R}}}} - A_{\text{r}} \ln \left( \frac{\hat{y}}{h} \right) + \frac{A_{\text{r}}}{2} \frac{(1+3\alpha/\beta)}{(1+\alpha/\beta)} \quad (21)$$

$R(h^+)_{\text{1}}$  is plotted versus the Reynolds number

$$h_{\text{W}}^+ = \frac{h u_{\text{1}}^*}{\nu_{\text{W}}} \quad (22)$$

and  $R(h^+)_{\text{R}}$  is plotted versus a reduced Reynolds number

$$h_{\text{WR}}^+ = \frac{h u_{\text{1}}^*}{\nu_{\text{W}}} = h_{\text{W}}^+ \sqrt{\left( \frac{T_{\text{W}}}{T_{\text{1}}} \right)^{0.29}} \quad (23)$$

The various R-parameters are shown in Fig. 29-53.

The plot  $R(h^+)_{\text{1}}$  versus  $h_{\text{W}}^+$  for the calculation with variable  $A_{\text{r}}$  is not shown since the reduction method did not reduce the temperature effect substantially.

From the plots the following conclusions can be drawn:

- both methods can be applied in the case of constant  $A_{\text{r}}$ ; for rod 15 the reduction by Eq. (21) is somewhat better, while for rod 17 both methods fail.
- in the case of variable  $A_{\text{r}}$  the reduction by Eq. (21) is the same on an average as for constant  $A_{\text{r}}$ ; for rod 17 it is better.

The spread of scatter for a test section at different temperature levels is similar to the scatter of the results for one rod in different outer tubes.

### 5.3 Stanton Number

From the heat transfer coefficient (equation (10)) the Stanton number was calculated.

The figures 54-63 show the Stanton number and the Stanton number reduced for the temperature effect. All Stanton numbers were reduced for the Prandtl number effect by plotting  $StPr^{0.6}$ . All bulk Stanton numbers (Fig. 54, 56, 68, 60, 62) show a strong effect of different  $T_W/T_B$ -ratios. The Stanton numbers decrease with increasing  $T_W/T_B$ .

To eliminate the temperature effect a reduction formula was applied, which was developed in /14/

$$St_R = \frac{St}{1 + 14 Re^{-0.35} \lg \left[ 4.35 \left( \frac{x}{D_h} \right)^{-0.6} \right]} \left( \frac{T_W}{T_B} \right)^{-ex} \quad (24)$$

with

$$ex = -0.243 - \phi \left( \frac{x}{D_h} \right) 0.7 \lg \left( \frac{T_W}{T_B} \right)$$

and

$$\phi \left( \frac{x}{D_h} \right) = 0.4 \left( 1 + \frac{x/D_h}{25} \right) \quad (25)$$

The denominator in equation (24), which reduces the entrance effect, is set to 1, if it becomes smaller than 1. If the reduced Stanton numbers are plotted versus  $Re_W$  the results for different  $T_W/T_B$ -ratios agree for most test sections even in the transition zone from rough to hydraulically smooth behaviour. For Reynolds numbers  $Re_W < 5 \cdot 10^3$  and in the laminar regime this reduction does not apply.

#### 5.4 Transformation of the Stanton Number

The bulk Stanton number must be transformed so that it applies to the case where the heat flux is zero at the zero shear stress position.

As for the transformation of the friction factor there are two different approaches, namely the use of a universal temperature profile /2,14/:

$$T^+ = A_H \ln \frac{y}{h} + G(h^+) \quad (26)$$

and the use of a universal eddy diffusivity distribution /24,25, 26,27/. As long as it is not clear which is less dependent on geometry parameters both methods may be justified.

##### A. Firth's Method

One of the methods which is based on the eddy diffusivity concept was developed by Firth /24/. He presented a simple equation to transform Stanton numbers:

$$\left( \frac{St_1}{St_B} \right)_F = \left[ \frac{f_1 D_h}{D_1 f_B} \right]^{0.5} \left[ 1 + \frac{9}{(1+D_1/8r_1)} St_1 \frac{(1-\beta^2)}{(1-\alpha^2)} \sqrt{\frac{2}{f_1}} \right] \quad (27)$$

He states that this equation is valid within 1% of the results of his transformation method.

B.  $G^*$ -Method  
.....

This method and the method C were fully described in /2/. For both it is assumed that the logarithmic temperature profile is valid from the inner rough rod up to the outer smooth wall (with  $A_H=A_r$ ). The roughness parameter  $G^*$  is obtained from the integration of the logarithmic temperature profile up to the smooth wall. So the decisive value is  $(T_W-T_B)$  or  $St_B$ .

$$G^* = \frac{1}{St_B} \frac{u_1^*}{u_B} - A_r \ln \left( \frac{1-\alpha}{h/r_2} \right) + \frac{A_r}{2} \frac{(1+3\alpha)}{(1+\alpha)} \quad (28)$$

and

$$\left( \frac{St_1}{St_B} \right)^* = \frac{\frac{1}{St_B} \sqrt{\frac{f_1}{2}}}{G^* + A_r \ln \left( \frac{\beta-\alpha}{h/r_2} \right) - \frac{A_r}{2} \frac{1+3\alpha/\beta}{1+\alpha/\beta}} \quad (29)$$

C.  $G^+$ -Method  
.....

The roughness parameter  $G^+$  is obtained by taking the outer wall temperature  $T_{W2}$  as the other boundary condition for the logarithmic temperature profile.

$$G^+ = \frac{(T_W-T_{W2}) \rho_B c_{pB} u_1^*}{q_1} - A_r \ln \left( \frac{1-\alpha}{h/r_2} \right) \quad (30)$$

and

$$\frac{St_1}{St_B}^+ = \frac{\frac{1}{St_B} \sqrt{\frac{f_1}{2}}}{G^+ + A_r \ln \left( \frac{\beta-\alpha}{h/r_2} \right) - \frac{A_r}{2} \frac{(1+3\alpha/\beta)}{(1+\alpha/\beta)}} \quad (31)$$

The difference between  $G^*$  and  $G^+$  is

$$G^* - G^+ = \frac{A_r}{2} \frac{(1+3\alpha)}{(1+\alpha)} - \frac{(T_B-T_{W2}) \rho_B c_{pB} u_1^*}{q_1}$$

It should be mentioned that equation (29) and (31) lead to

$$\frac{St_1}{St_B} = \frac{(T_W - T_B) \rho_B c_{pB} u_1}{(T_W - T_1) \rho_B c_{pB} u_1} \quad (32)$$

which is not quite correct, since the gas properties in the denominator should be evaluated at the temperature  $T_1$ .

#### D. Temperature Transformation Method

This method to transform the bulk Stanton numbers to the rough boundary conditions is based on the Hall method /28/ and was described in /14/. Differently from the methods B and C it transforms the heat flux distribution in such a way that there is no heat transfer at the surface of no shear. The heat flux at the rough surface is maintained constant and a new temperature distribution is obtained.

For the original temperature distribution the logarithmic distribution is assumed which leads to the temperature gradient

$$\frac{\partial T}{\partial r} = \frac{q_1}{\rho_1 c_{p1} u_1^*} \frac{A_H}{(r-r_1)} \quad (33)$$

For the integration of the new profile an integration constant is needed which is taken to be  $G^+$  or  $G^*$  according to equations (28) and (30).

The Stanton number ratio is calculated by

$$\left( \frac{St_1}{St_B} \right)_T = \frac{T_W - T_B}{T_W - T_1} \frac{\rho_B c_{pB} u_1}{\rho_1 c_{p1} u_1} \quad (34)$$

with  $T_1'$  being the new bulk temperature of the inner zone.

All three methods B, C and D depend on the assumption of a logarithmic temperature profile. The slope of the logarithmic profile was assumed to be  $A_H = A_r = 2.5$ . Measurements of the temperature profile in rough annuli /20/, however, have shown that the temperature distribution deviates substantially from a straight logarithmic line. Thus all three transformations are subject to an error depending on the geometry and Reynolds number.

An improvement of these transformation methods is possible if a variable slope is introduced. With  $T_B$  and  $T_1$  known from measurements the slope of a logarithmic temperature profile can be determined /20/. This temperature profile is not equivalent with the measured temperature distribution but it is an artificial one which allows to determine the temperature of the inner zone correctly, analogous to the determination of the velocity profile parameter  $A_r$  from the integral parameter  $\bar{u}_1^+$ .

The variation of the slope  $A_H$  in test sections with 34 mm rods in 70 and 85 mm outer tubes yielded the correlation

$$A_H = 1.4 + 3/\log h_W^+ \quad (35)$$

The upper limit was set to  $A_H = 4.4$  because no measurements were taken below  $h_W^+ = 10$ . This correlation was the best fit for rod22(2-D) in a 85 mm tube. Rod No.12 showed the same trend but lower by approximately 0.4.

The temperature  $T_1$  can be evaluated by replacing  $A_r$  in equation (28) by  $A_H$  according to equation (35). This would be an improvement of the  $G^*$ -method but not a true transformation. The transformation can then be performed by method D.

A simple way to transform measurements where  $T_1$  is known along the test section is to assume that all the generated heat in a section heats up the gas of the inner zone. The transformed temperature in the axial section  $i$  is calculated from the temperature of the inner zone in the preceding section  $i-1$  by

$$T'_{1,i} = T_{1,i-1} + q/m_1 c_{p1} \quad (36)$$

All transformations (A-D) and that by equation (36) were performed, both with constant  $A_r=2.5$  and variable  $A_r$  and  $A_H$  and the resulting Stanton number ratios  $St_1/St_B$  are listed in Table 5.

For comparison the Stanton number ratios for one temperature ratio  $T_W/T_B$  ( $T_W/T_B \approx 1.3$ ) are plotted as smooth curves in Figures 64-68.

The following conclusion can be drawn from these plots:

- The results of the empirical correlation derived by Firth /24/ from the eddy diffusivity concept are very much dependent on the results of the friction factor transformation (curves FC and FV). The difference in the transformed Stanton number between the two transformations ( $A_r=2.5$  and  $A_r \neq \text{constant}$ ) are in the order of 5% to 10%, which is much higher than the difference in  $f_1$ .
- The difference between the results of the transformation method from /14/ (TT) using a variable  $A_r$  and  $A_H$  and of the simple equation (36) (TS) is small in most cases.
- The trend of the curves TT and TS is similar to that of FV.
- Based on the results of rod 12 where the temperature  $T_1$  is known from measurements it can be assumed that the transformations FV, TT and TS are correct within 5% for the 70 - and 85 mm test sections ( $Re > 4 \cdot 10^4$ ) with the exception of rod 15.

Fig. 69 shows the Stanton number ratio for rod 17 versus the ratio of the flow cross sections of the rough zone  $A_1$  and the entire annulus  $A_B$ , respectively.<sup>+)</sup> The data points were taken from Fig. 68 at three Reynolds numbers (FV and TT-curves). With Firth's

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<sup>+) A more suitable parameter would probably be the ratio of the mass flow rates  $m_1/m_B$ , but this complicates a transformation method.</sup>

transformation we get separate curves for each Reynolds number or each outer tube, while with the TT-method all points fall upon one single curve. The same is true with some scatter for all test sections for constant  $T_W/T_B$ -ratios. Thus, the ratio of the transformed to the bulk Stanton number can be expressed by a simple equation

$$\frac{St_1}{St_B} = 1 + \left( \frac{T_W}{T_B} \right)^{0.75} \left( \frac{A_1}{A_B} - 1 \right)^2 \quad (37)$$

or

$$\frac{St_1}{St_B} = 1 + \left( \frac{T_W}{T_B} \right)^{0.75} \left( \frac{1-\beta}{1-\alpha} \right)^2 \quad (38)$$

This transformation is independent of the Reynolds number for fully rough flow, and does not depend on the kind of roughness or roughness height. It depends, however, on the temperature ratio, while Firth's method did not show any dependency on the temperature.

With a transformation which is only a function of the ratio of flow cross sections it should be possible to transform the Stanton number to an arbitrary flow cross section. Equation (38) is not suitable for this task for several reasons. It can not be used in both directions, i.e. transforming to a smaller or a larger flow cross section, and it does not yield correct results for threshold values, ect. The equation

$$\frac{St_a}{St_b} = \left( \frac{A_a}{A_b} \right)^{-0.3} \quad (39)$$

is a good approximation of equation (38) in the range  $0.4 < A_a/A_b < 1.0$ , and it is consistent with the boundary conditions. The temperature effect needs not to be taken into account because Stanton numbers reduced for this effect will be transformed only.

A proper flow cross section to be transformed to is the annular cross section which is equivalent to the cross section of a tube with the radius  $r_1$ . The outer radius of this annulus is

$$r_o = r_1 \sqrt{2} \quad (40)$$

The ratio of the flow cross section of the annulus or tube, respectively, and the original annulus is

$$\frac{A_o}{A_B} = \frac{r_1^2}{r_2^2 - r_1^2} = \frac{\alpha^2}{1 - \alpha^2} \quad (41)$$

Thus, the measured bulk Stanton number is transformed to a reduced Stanton number by

$$St_o = St_R \left( \frac{\alpha^2}{1 - \alpha^2} \right)^{-0.3} \quad (42)$$

For a comparison of this Stanton number, evaluated from measurements in different flow channels, the Reynolds number is not a suitable parameter. The conditions at the wall, which are governing the heat transfer process, are described best by the roughness Reynolds number  $h^+$ . In the case of a reduced Stanton number the parameter  $h_{WR}^+$  according to equation (23) should be applied. In Figures 70-74 the transformed Stanton numbers  $St_o$  (ST-0) are plotted versus  $h_{WR}^+$ , for each rod in two or three outer tubes, respectively, in one plot. For comparison the bulk Stanton numbers reduced for the temperature effect are shown versus  $h_{WR}^+$ , too. Only values for  $Re \geq 3000$  and  $h^+ > 7$  are shown. The agreement of the reduced Stanton numbers from different flow cross sections is excellent for some rods, for others there are deviations. The differences for rod 15 are in the order of 15%, although some of the scatter stems from the insufficient reduction of the temperature effect. Especially, this is true for rod 10 and 17 at low  $h_{WR}^+$ -values.

The only results, which do not fit at all are those from the test section 16/50. We should, however, consider the experimental error which might be high for this test section. There was a strong bowing of the rod, which did not allow measurements at higher temperature levels. The variation of the Stanton number along the length of the test section was up to 10% (s. Table 2) at high Reynolds numbers and up to 30% at low Reynolds numbers.

The transformation by equation (42) was tested with several other measurements of rough rods with two- and three-dimensional roughness. The scatter of the reduced data was generally less than 5%.

To compare the reduced Stanton numbers of different rods with similar roughness (rod 15,16,17 and 10,12) but different roughness heights, the respective curves are shown in Figure 70 and 74. At low  $h^+$ -values they all yield the same Stanton number, since it is the transition region to smooth behaviour. In the fully rough region the Stanton numbers decrease with increasing  $h^+$ -values in the same way for all rods. From these curves the determination of the Stanton number in different flow cross sections is possible if the wall shear stress, hence  $h^+$  is known. The characteristic parameter of each roughness, apart from the roughness geometry is the ratio of roughness height to the diameter of the rod or tube, respectively,  $h/d$ .

For the application in a rod bundle the Stanton number at a certain  $h_{RW}^+$ -value can be determined by

$$St = St_0 (\gamma^2 - 1)^{-0.3} \quad (43)$$

with the ratio

$$\gamma = r_0/r_1 \quad (44)$$

$r_0$  being the radius of the equivalent annular zone. This Stanton number must then be transformed by equation (24) to account for the temperature effect.

A correlation for  $St_0$  can be found for roughness No.1 which is valid for the entire range of the  $h/d$ -ratio, which was tested, and for roughness No.2 for a wide range of  $h/d$ -ratios.

The reduction is performed for  $h/d=0.01$  by

$$St_{01} = St_0 \left( \frac{h/r_1}{0.02} \right)^{-0.6} \quad (45)$$

Contrary to equation (42), this reduction is a priori not valid for all roughnesses, since similarity is not kept. For the two types of roughnesses presently under discussion a correlation for  $St_{01}$  can be found as function of a transformed  $h_{WR}^+$  (s. Fig. 75). For roughness No.1 (Rod 10 and 12) we find

$$St_{01} = 0.0312 Re^{*-0.179} - 0.793 Re^{*-0.816} \quad (46)$$

with

$$Re^* = h_{WR}^+ \frac{2r_1}{h} = \frac{u^*_d}{v_W} \left( \frac{T_W}{T_B} \right)^{0.145} \quad (47)$$

Equation (46) is valid in the tested range  $0.018 \leq h/d \leq 0.025$ .

For roughness No.2 (Rod 15 and 16) it is

$$St_{01} = 0.032 Re^{*-0.21} - 1.79 Re^{*-1} \quad (48)$$

for  $0.012 \leq h/d \leq 0.023$ .

Both correlations are applicable in the range  $400 \leq Re^* \leq 2000$ .

The results of the reduced Stanton number  $St_{01}$  for rod 17 ( $h/d=0.036$ ) can not be correlated by equation (48) but lie in between the two curves.

### 5.5 Roughness Parameter of the Temperature Profile: $G^+$

If the method described in the preceding chapter for the calculation of the Stanton numbers or wall temperatures, respectively, is used, the knowledge of the roughness parameter  $G$  is not necessary, provided that the same  $h/r_1$ -ratio is used in the annulus and in the bundle, or lies in the range given for the validity of equation (46) and (48).

For a basis of comparison the  $G$ -parameter is presented in various diagrams and in Table 2, determined in different ways.

Figures 76-80 show the parameter  $G^+$  determined by equation (30) with  $A_r=2.5$ .

Figures 81-85 show the parameter GPRT1 which is  $G^+$  reduced for the Pr-number and temperature effect by

$$GPRT1 = \frac{G^+}{Pr^{0.44} \left( \frac{T_W}{T_B} \right)^{0.68}} \quad (49)$$

Comparison between results of different outer tubes does not show a general dependency on  $\alpha$ . The reduction of the temperature effect is reasonable for high  $h_W^+$ .

A plot of the  $G$ -parameter evaluated from transformed Stanton numbers does not seem to be sensible, since the annular flow cross section of the rough zone varies with the Reynolds number and thereby the amount of transformation.

Another set of figures shows the G-parameter determined with variable  $A_r$  and  $A_H$ .

Figures 86-90 show  $G^*$  evaluated by

$$G^* = \frac{1}{St_R} \sqrt{\frac{f_{1R}}{2}} \frac{u_1}{u_B} - A_H \ln \left( \frac{1-\alpha}{h/r_2} \right) + \frac{A_H}{2} \frac{(1+3\alpha)}{(1+\alpha)} \quad (50)$$

with  $St_R$  from Eq. (27),  $f_{1R}$  from Eq. (19) and a variable  $A_H$  according to Eq. (35).

It may be of interest to see the G-function for different radius ratios  $\alpha$  determined from the reduced Stanton number as it is given by equation (46). From equations (46), (45) and (43) a Stanton number was calculated and from equation (15) with  $C_1=1.7$ ,  $C_2=1.3$ ,  $C_3=2.0$  and  $R(h^+)=3.8$  a friction factor was calculated by

$$\sqrt{\frac{2}{f}} = A_r \ln \left( \frac{1/\alpha-1}{h/r_1} \right) - \frac{A_r}{2} \frac{(1+3\alpha)}{(1+\alpha)} + R(h^+) \quad (51)$$

For  $h/r_1=0.05$  and three different radius ratios  $\alpha$  the parameter G was calculated by

$$G = \frac{\sqrt{f/2}}{St} - A_H \ln \left( \frac{1/\alpha-1}{h/r_1} \right) + \frac{A_H}{2} \frac{(1+3\alpha)}{(1+\alpha)} \quad (52)$$

and is shown in Figure 91. The slope  $A_H$  was set to  $A_H=2.5$ . Taking  $A_H=A_r$  the curves come somewhat closer together at high values of  $h^+$ .

## 5.6 Thermal Performance

For a comparison of the different roughnesses the thermal performance  $(St_r/St_s)^3/(f_r/f_s)$  is plotted as it was measured in the different test sections (Fig. 92-96).

The Stanton number of the rough zone  $St_r$  was calculated by

$$St_r = \frac{q}{(T_W - T_1) \rho_1 u_1 c_{p1}} \quad (53)$$

with  $T_1$  being the untransformed temperature of the inner zone, i.e.  $St_r$  is lower than a transformed Stanton number.

The Stanton number  $St_s$  was calculated by the equation given by Petukhov and Roizen /29/ and Petukhov et al. /30/ (s. also /14/), and the friction factor  $f_s$  was determined by Taylor's equation /31/.

$$f_s = 2(0.0007 + 0.0625 Re_W^{-0.32}) (T_W/T_B)^{-0.5} \quad (54)$$

The comparison in figure 97 shows the good performance of the three-dimensional roughnesses versus the two-dimensional one.

The results of the test section 16/50 show a large deviation from the general trend, which in fact might come from incorrect measurements.

The correlations for  $A_{r,R}$  (Eq.(15) and table 3) and  $St_{O1}$  (Eq.(46)) allow to calculate the thermal performance for a rod bundle.

Figure 98 and 99 show the ratio  $(St_r/St_s)^3/(f_r/f_s)$  over the Reynolds number for three pitch to diameter ratios of the rods ( $P/d$ ) three different roughness heights and three temperature ratios each, for roughness No.2.

The  $f_s$  and  $St_s$  values in figure 98 are those of a smooth tube, that is the Prandtl-Nikuradse correlation for  $f_s$

$$1/\sqrt{f_s} = 4 \log (Re\sqrt{f_s}) - 0.4 \quad (55)$$

and the Dittus-Boelter correlation for  $St_s$

$$St_s = 0.023 Re^{-0.2} Pr^{-0.6} \quad (56)$$

There is practically no temperature effect for high Reynolds numbers, while for low Reynolds numbers the thermal performance decreases with increasing temperature ratio. The thermal performance increases with increasing P/d-ratios and increasing roughness height.

Figure 99 shows the thermal performance using Taylor's equation /31/ for  $f_s$  and Petukhov and Roizen's /29/ equation for  $St_s$ , which both contain the effect of the temperature ratio  $T_W/T_B$ .

Here the thermal performance depends very much on the temperature ratio, it increases with increasing temperature ratio.

Thus, the simple equations (54) and (55) seem to be better suited for the calculation and description of the thermal performance in this case.

## 6. Conclusions

The evaluation of the experimental data obtained from measurements of the pressure drop and heat transfer on five rough rods with two types of three-dimensional roughnesses in four outer tubes gives rise to the following conclusions:

1. The differences of the transformed friction factor  $f_1$  using logarithmic velocity profiles with a constant slope  $A_r=2.5$  or a variable slope  $A_r = f(h/\hat{y}, h^+, \text{roughness})$  are in the order of 5% for large radius ratios ( $\alpha \approx 0.8$ ) and of 1% for small ones ( $\alpha \approx 0.4$ ).
2. The application of constant slopes does not yield the same roughness parameter  $R(h^+)$  for different radius ratios.
3. The temperature effect on the friction factor  $f_1$  and on the Stanton number can be correlated by the same equations which were developed for two-dimensional roughness /14/.
4. The application of the results from measurements of the temperature profiles in rough annuli /20/ led to a new and simple transformation method for the Stanton number. The transformation is only a function of the annular flow cross section involved.
5. The Stanton numbers measured in different outer tubes reduced to a common flow cross section by

$$St_0 = St_{BR} \left( \frac{\alpha^2}{1-\alpha^2} \right)^{-0.3}$$

are a function of the wall Reynolds number  $h_{WR}^+$ , alone. Transformation to arbitrary radius ratios is possible by

$$St = St_0 \left( \left( \left( \frac{r_0}{r_1} \right)^2 - 1 \right) \right)^{-0.3}$$

6. The tested three-dimensional roughnesses showed a thermal performance which was higher by a maximum factor of approximately 4 compared with the best two-dimensional repeated rib roughness.

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Nomenclature

A	area of flow cross-section ( $m^2$ )
$A_{r,s}$	slope of the logarithmic velocity profile
$A_H$	slope of the logarithmic temperature profile
b	width of the ribs (m)
Bi	Biot number ( $= \alpha h/k_c$ )
$c_p$	specific heat at constant pressure ( $Ws\ kg^{-1}\ K^{-1}$ )
$D_h, D_1$	hydraulic diameter (m)
$D_o$	outer diameter of annulus (m)
d	diameter of rod (m)
f	friction factor ( $= 2\tau/\rho u^2$ )
G	parameter in the logarithmic temperature profile for rough surfaces
h	height of the roughness ribs (m)
$h^+$	dimensionless height of the rib or roughness Reynolds number ( $= h\ u^*/\nu$ )
$k_c$	thermal conductivity of the test rod ( $Wm^{-1}\ K^{-1}$ )
l	heated length of the test rods (m)
m	mass flow ( $kg\ s^{-1}$ )
Nu	Nusselt number
p	pitch of the roughness ribs (m)
P	pitch of the rods in a bundle (m)
Pr	Prandtl number
q	heat flux ( $Wm^{-2}$ )
r	radius (m)
$r_M$	position of thermocouple junction (m)
$R(h^+)$	parameter in the logarithmic velocity profile for rough surfaces
Re	Reynolds number ( $=u\ D_h/\nu$ )
St	Stanton number ( $=\alpha/(\rho u c_p) = Nu/RePr$ )
S	surfaces of rod or outer tube ( $m^2$ )
T	temperature (K)
$T^+$	dimensionless temperature ( $=(T_W - T)\rho c_p\ u^*/q$ )
u	gas velocity ( $ms^{-1}$ )

$u^*$	friction velocity ( $=\sqrt{\tau/\rho}$ ) ( $\text{ms}^{-1}$ )
$u^+$	dimensionless velocity ( $=u/u^*$ )
$x$	axial length starting at the beginning of the heating of the rod (m)
$\hat{y}$	radial distance of zero shear stress plane from the rough wall (m)
$\alpha$	convective heat transfer coefficient ( $\text{Wm}^{-2} \text{K}^{-1}$ )
$\alpha$	$r_1/r_2$
$\beta$	$r_o/r_2$
$\gamma$	$r_o/r_1$
$\epsilon$	emissivity (-)
$\epsilon$	displacement of origin of velocity profile at rough wall (m)
$\nu$	kinematic viscosity ( $\text{m}^2 \text{s}^{-1}$ )
$\rho$	density of the gas ( $\text{kg m}^{-3}$ )
$\sigma$	Stefan-Boltzmann constant ( $\text{Wm}^{-2}\text{K}^{-4}$ )
$\tau$	shear stress at the wall ( $\text{Nm}^{-2}$ )

### Subscripts

B	bulk or total of the annular cross-section
1	inner rough zone of channel or reduced to $T_W/T_B=1$
2	outer smooth zone of channel
W	wall
o	zero shear position
vol	volumetric radius of rough rod
c	corrected
M	measured
R	reduced (for temperature effect)
r	rough
s	smooth

Appendix

Nomenclature of the tables (where not self-explaining)

Reduced Stanton number:

$$STPR = \frac{St_B Pr^{0.6}}{1 + 14 Re_B^{-0.35} \lg \left[ 4.35 \left( \frac{x}{D_h} \right)^{-0.6} \right]} \left( \frac{T_W}{T_B} \right)^{-ex} \quad /14/ \quad (A-1)$$

The denominator in (A-1) is set to 1, if it becomes smaller than 1 (ex from Eq. (25)).

Ratio of transformed to bulk Stanton number:

$$ST+ / = \left( \frac{St_1}{St_B} \right)^+ = \frac{1}{St_B} \frac{f_1/2}{1 + \sqrt{f_1/2} (G^+ - R(h^+))} \quad (A-2)$$

with  $G^+$  from Eq. (30)

$$ST* / = \left( \frac{St_1}{St_B} \right)^* = \frac{(T_W - T_B) \rho_B u_B c_{pB}}{(T_W - T_1) \rho_1 u_1 c_{p1}} \quad (A-3)$$

with  $T_1$ , evaluated from the integration of the logarithmic temperature profile. In case of  $A_r = A_H = 2.5$  the temperature profile is defined by Eq. (30) with  $G^+$ . In case of variable  $A_r$  and  $A_H$  the temperature profile is defined by Eq. (28) with  $G^*$  replacing  $A_r$  by  $A_H$ . This applies to the following transformations, too.

$$ST1* / = \left( \frac{St_1}{St_B} \right) \quad \text{according to Eq. (36)}$$

$$STT* / = \left( \frac{St_1}{St_B} \right) \quad \text{according to Eq. (34)}$$

$$ST1F / = \left( \frac{St_1}{St_B} \right) \quad \text{according to Eq. (27)}$$

$A1/AB$  = ratio of the transformed to the entire flow cross section

G+ Eq. (30)

GPR1 Eq. (49)

$$G^* = G^* = \frac{1}{St_B} \sqrt{\frac{f_1}{2}} \frac{u_1}{u_B} - A_H \ln \left( \frac{1-\alpha}{h/r_2} \right) + \frac{A_H}{2} \frac{(1+3\alpha)}{(1+\alpha)} \quad (A-4)$$

$$G^*_{R} = G^*_{R} = \frac{1}{St_{PR}} \sqrt{\frac{f_1}{2}} \sqrt{\left( \frac{T_W}{T_1} \right)^{0.29}} \frac{u_1}{u_B} - A_H \ln \left( \frac{1-\alpha}{h/r_2} \right) + \frac{A_H}{2} \frac{(1+3\alpha)}{(1+\alpha)} \quad (A-5)$$

with  $St_{PR}$  according to Eq. (A-1).

G\*1 G-parameter evaluated with Stanton number transformed by Eq. (36)

GT G-parameter evaluated with Stanton number transformed by Eq. (34)

GTR G-parameter GT reduced for the temperature effect

GTF G-parameter evaluated with Stanton number transformed by Eq. (27)

GTFR G-parameter GTF reduced for the temperature effect

$$x = \ln \left( \frac{\hat{y}}{h} \right) - \frac{1}{2} \frac{3+\beta/\alpha}{1+\beta/\alpha}$$

$$YR = \sqrt{2/f_1}$$

TP = Thermal Performance as plotted in Fig. 92-96.

Symbols in the plots

Unheated tests (Fig.3-7,10,11,13):

- |   |       |            |
|---|-------|------------|
| □ | 40 mm |            |
| ○ | 50 mm |            |
| △ | 70 mm | outer tube |
| ◇ | 85 mm |            |

Heated tests:

- |   |   |
|---|---|
| □ | isothermal runs   |
| ○ | thermal runs, increasing $T_W/T_B$ -ratio<br>with arrow; the exact $T_W/T_B$ -ratios<br>can be taken from the tables. |
| △ |   |
| ◇ |   |
| ✕ |   |

Rod No.	Outer Tube	h	$r_1$	$r_2$	$r_1/r_2$	$h/(r_2-r_1)$	heated tests
10	85	0.80	16.44	42.455	0.3872	0.0308	x
	70			35.00	0.4697	0.0431	x
	50			24.991	0.6578	0.0936	
12	85	0.60	16.38	42.455	0.3858	0.0230	x
	70			35.000	0.4680	0.0322	x
	50			24.991	0.6554	0.0697	
	40			20.202	0.8108	0.1570	
15	85	0.390	16.01	42.455	0.3771	0.0147	x
	70			35.000	0.4574	0.0205	x
	50			24.991	0.6406	0.0434	x
	40			20.202	0.7925	0.0930	
16	85	0.751	16.15	42.455	0.3804	0.0285	x
	70			35.000	0.4614	0.0398	x
	50			24.991	0.6462	0.0849	x
	40			20.202	0.7994	0.1853	
17	85	1.15	16.31	42.455	0.3832	0.0440	x
	70			35.000	0.4660	0.0615	x
	50			24.991	0.6526	0.1325	x
	40			20.202	0.8073	0.2955	

Table 1: Test Parameters

Rod No.	Outer Tube	Length of averaging section in $x/D_h$	Max. axial variation of $St_B$		
			at Re	at $T_W/T_B$	in %
10	85	19-27	$<10^5$ $>10^5$ $<5 \cdot 10^4$ $>5 \cdot 10^4$	1.33 1.33 1.77 1.77	1.8 1.4 4.0 0.7
	70	21-40	$<10^4$ $>2 \cdot 10^4$ $<10^4$ $>2 \cdot 10^4$	1.25 1.25 1.60 1.60	7.4 2.2 9.4 3.5
12	85	16-28	$<10^5$ $>10^5$ $<10^5$ $>10^5$	1.3 1.3 1.7 1.7	4.0 0.5 4.4 0.8
	70	24-40	$<10^5$ $>10^5$ $<10^5$ $>10^5$	1.3 1.3 1.7 1.7	1.5 3.0 1.7 4.0
15	85	15-27	$<10^5$ $>10^5$ $<10^5$ $>10^5$	1.3 1.3 1.8 1.8	14.3 8.1 17.6 10.0
	70	21-42	$<10^5$ $>10^5$ $<10^5$ $>10^5$	1.3 1.3 1.8 1.8	18.0 12.1 22.2 13.7
	50	45-61	$2 \cdot 10^4$ $2 \cdot 10^4$ $10^4$ $10^4$	1.25 1.25 1.5 1.5	8.0 1.8 13.0 1.8

Table 2: Axial length of test section where measurements were taken, and maximum axial variation of the Stanton number averaged over a number of runs in the respective range of Reynolds numbers.

Rod No.	Outer Tube	Length of averaging section in $x/D_h$	Max. axial variation of $St_B$		
			at Re	at $T_W/T_B$	in %
16	85	15-30	$< 2 \cdot 10^4$	1.3	16.9
			$> 10^5$	1.3	5.1
			$< 2 \cdot 10^4$	1.7	25.5
			$> 10^5$	1.7	5.6
	70	21-50	$< 2 \cdot 10^4$	1.22	15.4
			$> 10^5$	1.22	1.6
			$< 2 \cdot 10^4$	2.0	15.0
			$> 10^5$	2.0	1.0
	50	45-79	$< 10^4$	1.15	17.6
$> 10^5$			1.15	9.7	
$< 10^4$			1.3	30.0	
$> 10^4$			1.3	3.2	
17	85	15-30	$< 4 \cdot 10^4$	1.28	22.8
			$> 10^5$	1.25	7.9
			$< 4 \cdot 10^4$	2.2	30.0
			$> 10^5$	2.2	9.15
	70	21-51	$< 4 \cdot 10^4$	1.2	10.6
			$> 10^5$	1.2	19.6
			$< 4 \cdot 10^4$	1.7	18.0
			$> 10^5$	1.7	21.0
	50	46-109	$< 4 \cdot 10^5$	1.12	12.5
			$> 10^5$	1.14	15.4
			$< 4 \cdot 10^5$	1.2	12.0
			$> 10^5$	1.2	25.0

Table 2: cont.

Rod No.	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	R <sub>∞</sub>	for h <sup>+</sup> >
10	1.7	1.3	2.0	3.80 ± 0.20	30
12	1.7	1.3	2.0	3.75 ± 0.25	15
15	2.2	1.65	0.1	8.40 ± 0.30	20
16	2.95	2.3	0.8	5.50 ± 0.25	30
17	2.2	2.3	3.0	4.55 ± 0.25	100

Table 3: The roughness parameters of the velocity profile, the slope is  $A_r = C_1 + C_2/\log (h/\hat{Y}) + C_3/\log (h^+)$

	Re $10^{-4}$	$A_r = 2.5$			$A_r \neq \text{constant}$					
		$h^+$	$A_S$	$f_1$	$A_r$	$A_S$	$\Delta f_1$ (%)	$\Delta f_2$ (%)	$\Delta h/\hat{y}$ (%)	
10-50	15	600	2.37	.07475	1.09	2.40	-3.7	8.6	-3.7	
	1	50	2.44	.06549	1.49	2.42	-4.2	7.8	-3.4	
	70	50	700	2.37	.04735	1.40	2.44	-2.1	1.7	-3.4
	5	70	2.42	.03719	1.74	2.45	-1.8	1.5	-3.2	
	85	70	550	2.38	.03653	1.51	2.45	-1.2	-0.2	-3.55
	7	60	2.41	.03088	1.86	2.46	-0.8	0.1	-3.13	
12-40	13	1100	2.34	.10096	0.65	2.32	-4.7	18.5	-4.1	
	1	100	2.42	.11135	0.93	2.37	-6.3	19.3	-4.7	
	50	14	800	2.37	.06112	1.20	2.41	-3.0	5.8	-3.4
	2	65	2.43	.05538	1.57	2.43	-3.3	5.8	-3.1	
	70	30	260	2.39	.03450	1.59	2.45	-0.5	0.8	-3.5
	3.5	38	2.43	.03135	1.99	2.46	-0.1	0.4	-2.5	
	85	60	370	2.39	.03052	1.63	2.46	-0.7	-0.8	-3.6
	5	35	2.42	.02588	2.10	2.47	+0.2	-0.9	-2.5	
15-40	7	220	2.43	.02521	0.46	2.42	-3.4	9.6	-6.3	
	0.7	27	2.48	.02798	0.40	2.43	-5.0	12.3	-7.7	
	-50	50	560	2.41	.02034	0.92	2.45	-1.8	3.1	-4.8
	4	55	2.41	.02167	0.90	2.45	-2.8	5.0	-5.8	
	-70	30	150	2.41	.01456	1.16	2.47	-0.3	0.1	-5.6
	5	26	2.43	.01504	1.16	2.47	-0.8	1.5	-6.2	
	-85	50	170	2.40	.01384	1.25	2.48	0.6	-1.2	-5.6
	5	18	2.42	.01442	1.25	2.48	0.3	0.3	-6.3	
16-40	10	1000	2.39	.06425	0.10	2.32	-4.8	22.5	-5.7	
	1	100	2.45	.07014	0.10	2.36	-6.6	27.0	-7.5	
	50	35	1000	2.38	.04431	0.92	2.41	-2.9	6.9	-4.1
	3	100	2.43	.04565	0.98	2.43	-4.2	9.0	-4.9	
	70	50	500	2.40	.02652	1.46	2.45	-1.2	0.7	-3.7
	4	50	2.43	.02582	1.54	2.46	-1.7	1.5	-3.0	
	85	60	380	2.40	.02296	1.63	2.46	-0.3	-0.7	-3.5
	6	50	2.42	.02249	1.73	2.47	-0.5	-0.1	-3.7	
17-40	7	1000	2.36	.10420	0.10	2.19	-5.7	34.8	-5.3	
	0.6	120	2.45	.09473	0.10	2.30	-7.8	34.8	-7.4	
	50	15	1000	2.35	.08702	0.44	2.35	-4.8	17.4	-4.9
	1.5	100	2.42	.07386	0.78	2.39	-5.8	15.2	-5.4	
	70	50	1000	2.37	.04886	1.18	2.43	-2.6	3.4	-3.8
	5	100	2.42	.03749	1.56	2.44	-2.4	2.8	-3.5	
	85	50	630	2.38	.03420	1.44	2.45	-1.4	0.7	-3.6
	5	60	2.42	.02787	1.94	2.46	-0.7	0.1	-2.7	

Table 4: Differences in the transformed friction factors using a constant slope  $A_r=2.5$  or  $A_r$  according to Eq. (15)

Tabel 5: Results evaluated with  $A_R=A_H=2.5$  and  $A_S$  according to (2,18)

RUN NO.	RE*E4	REI*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+k	H+R	H+RW	RH+	RH+R	AS	AR
10-85- 1	2.29	4.55	.01407	.03121	.0	.0	0.96	4.11	1.00	.708	.0456	.797	42.1	42.1	42.1	42.1	2.35	2.35	2.42	2.50
10-85- 2	1.74	3.32	.01376	.02894	.0	.0	0.97	3.61	1.00	.708	.0472	.782	31.0	31.0	31.0	31.0	2.75	2.75	2.42	2.50
10-85- 3	1.37	2.52	.01381	.02754	.0	.0	0.97	3.30	1.00	.708	.0485	.772	23.9	23.9	23.9	23.9	2.98	2.98	2.43	2.50
10-85- 4	1.10	1.94	.01359	.02664	.0	.0	0.97	2.94	1.00	.708	.0502	.759	18.6	18.6	18.6	18.6	3.38	3.38	2.43	2.50
10-85- 5	0.81	1.37	.01389	.02536	.0	.0	0.98	2.66	1.00	.709	.0519	.747	13.6	13.6	13.6	13.6	3.60	3.60	2.43	2.50
10-85- 6	0.68	1.04	.01282	.02075	.0	.0	0.99	2.12	1.00	.709	.0563	.719	10.3	10.3	10.3	10.3	4.81	4.81	2.44	2.50
10-85- 7	0.56	0.80	.01245	.01845	.0	.0	0.99	1.81	1.00	.709	.0606	.697	8.1	8.1	8.1	8.1	5.79	5.79	2.44	2.50
10-85- 8	2.62	5.18	.01340	.02946	.0	.0	0.97	4.02	1.00	.709	.0458	.795	46.8	46.8	46.8	46.8	2.60	2.60	2.42	2.50
10-85- 9	3.32	6.80	.01358	.03107	.0	.0	0.96	4.45	1.00	.709	.0446	.805	61.0	61.0	61.0	61.0	2.31	2.31	2.41	2.50
10-85-10	4.12	8.61	.01357	.03180	.0	.0	0.96	4.75	1.00	.709	.0439	.813	76.4	76.4	76.4	76.4	2.17	2.17	2.41	2.50
10-85-11	5.43	11.69	.01370	.03326	.0	.0	0.96	5.24	1.00	.709	.0429	.823	102.8	102.8	102.8	102.8	1.93	1.93	2.40	2.50
10-85-12	6.69	14.70	.01371	.03397	.0	.0	0.96	5.57	1.00	.709	.0423	.829	128.1	128.1	128.1	128.1	1.81	1.81	2.40	2.50
10-85-13	8.70	19.48	.01359	.03434	.0	.0	0.96	5.93	1.00	.709	.0417	.835	167.3	167.3	167.3	167.3	1.72	1.72	2.40	2.50
10-85-14	10.61	24.10	.01353	.03472	.0	.0	0.96	6.23	1.00	.708	.0412	.840	205.2	205.2	205.2	205.2	1.65	1.65	2.39	2.50
10-85-15	13.66	31.44	.01328	.03451	.0	.0	0.96	6.50	1.00	.708	.0408	.845	263.3	263.3	263.3	263.3	1.65	1.65	2.39	2.50
10-85-16	17.51	41.01	.01329	.03514	.0	.0	0.96	6.92	1.00	.707	.0403	.851	340.5	340.5	340.5	340.5	1.54	1.54	2.39	2.50
10-85-17	22.27	52.98	.01325	.03559	.0	.0	0.96	7.31	1.00	.707	.0399	.856	436.0	436.0	436.0	436.0	1.47	1.47	2.38	2.50
10-85-18	27.93	67.47	.01331	.03630	.0	.0	0.96	7.75	1.00	.706	.0394	.861	552.2	552.2	552.2	552.2	1.36	1.36	2.38	2.50
10-85-19	1.72	2.86	.01245	.02459	.00682	.00605	0.98	3.16	1.35	.704	.0502	.759	26.7	17.0	27.7	17.7	3.65	3.32	2.42	2.50
10-85-20	2.20	3.82	.01257	.02616	.00705	.00627	0.97	3.54	1.35	.704	.0485	.773	35.2	22.2	36.6	23.1	3.26	2.93	2.42	2.50
10-85-21	2.09	2.95	.01093	.01977	.00534	.00536	1.01	2.74	1.79	.698	.0537	.736	27.1	11.9	29.1	12.8	4.86	4.17	2.42	2.50
10-85-22	2.43	4.29	.01237	.02628	.00700	.00622	0.96	3.64	1.35	.703	.0481	.776	39.2	24.3	40.8	25.3	3.22	2.87	2.42	2.50
10-85-23	3.18	5.86	.01248	.02765	.00718	.00636	0.96	4.04	1.34	.703	.0466	.788	52.6	33.1	54.7	34.4	2.91	2.59	2.41	2.50
10-85-24	3.85	7.32	.01265	.02890	.00731	.00647	0.96	4.38	1.34	.703	.0456	.797	65.2	41.0	67.8	42.7	2.66	2.35	2.41	2.50
10-85-25	5.09	9.98	.01260	.02964	.00732	.00650	0.96	4.75	1.34	.704	.0446	.807	87.4	54.7	90.9	56.9	2.50	2.18	2.41	2.50
10-85-26	6.28	12.54	.01247	.02997	.00718	.00642	0.96	5.01	1.37	.704	.0440	.812	108.5	65.5	113.2	68.3	2.42	2.08	2.40	2.50
10-85-27	8.53	17.58	.01248	.03077	.00693	.00618	0.96	5.45	1.36	.704	.0431	.822	149.6	90.7	156.0	94.6	2.25	1.92	2.40	2.50
10-85-28	10.12	21.20	.01245	.03169	.00679	.00605	0.96	5.68	1.36	.703	.0426	.826	178.8	109.3	186.3	113.9	2.18	1.85	2.40	2.50
10-85-29	13.48	29.03	.01240	.03162	.00665	.00589	0.96	6.09	1.34	.703	.0419	.834	241.1	150.8	250.8	156.8	2.06	1.75	2.39	2.50
10-85-30	16.93	37.23	.01242	.03231	.00655	.00580	0.96	6.47	1.34	.703	.0413	.840	306.8	190.4	315.3	198.1	1.94	1.63	2.39	2.50
10-85-31	21.43	48.21	.01248	.03304	.00630	.00557	0.96	6.89	1.33	.703	.0407	.847	394.0	245.9	405.8	255.8	1.81	1.51	2.38	2.50
10-85-32	26.25	60.16	.01261	.03388	.00602	.00532	0.96	7.30	1.33	.703	.0402	.852	489.4	305.7	505.1	318.0	1.68	1.38	2.38	2.50
10-85-33	1.85	2.53	.01064	.01854	.00512	.00511	1.00	2.52	1.77	.697	.0553	.726	23.3	10.3	25.0	11.1	5.27	4.57	2.42	2.50
10-85-34	2.23	3.21	.01089	.02020	.00550	.00548	1.00	2.84	1.77	.697	.0531	.740	29.3	12.9	31.4	13.9	4.72	4.05	2.42	2.50
10-85-35	2.83	4.31	.01103	.02176	.00578	.00577	0.99	3.21	1.78	.698	.0510	.755	38.7	16.9	41.6	18.1	4.24	3.59	2.42	2.50
10-85-36	3.62	5.83	.01119	.02338	.00607	.00605	0.98	3.62	1.77	.698	.0491	.769	51.7	22.4	55.5	24.1	3.80	3.16	2.41	2.50
10-85-37	4.66	7.85	.01123	.02463	.00616	.00616	0.98	4.01	1.78	.698	.0476	.781	68.5	28.9	73.8	31.1	3.48	2.84	2.41	2.50
10-85-38	6.04	10.54	.01126	.02564	.00645	.00645	0.97	4.39	1.78	.698	.0464	.791	90.8	38.2	97.8	41.1	3.23	2.60	2.40	2.50
10-85-39	7.62	13.78	.01130	.02648	.00639	.00640	0.97	4.74	1.78	.698	.0454	.800	117.1	48.8	126.3	52.6	3.03	2.40	2.40	2.50
10-85-40	10.33	19.33	.01118	.02693	.00640	.00639	0.97	5.10	1.77	.698	.0445	.809	161.1	67.2	173.6	72.4	2.90	2.27	2.40	2.50
10-85-41	12.47	23.98	.01123	.02761	.00631	.00630	0.97	5.41	1.78	.698	.0438	.815	198.1	81.8	213.6	88.3	2.74	2.12	2.40	2.50
10-85-42	16.36	32.68	.01136	.02868	.00617	.00615	0.97	5.88	1.76	.698	.0429	.825	266.9	110.5	287.9	119.1	2.52	1.92	2.39	2.50
10-85-43	20.42	41.72	.01144	.02927	.00599	.00598	0.97	6.22	1.77	.698	.0422	.831	337.4	139.0	364.0	150.0	2.40	1.79	2.39	2.50
10-85-44	24.60	51.53	.01150	.03002	.00587	.00585	0.97	6.58	1.77	.698	.0417	.837	414.5	169.0	447.5	182.5	2.26	1.65	2.38	2.50
10-70- 45	21.62	49.09	.01781	.04558	.0	.0	0.96	9.03	1.00	.705	.0528	.898	670.3	670.3	670.3	670.3	1.37	1.37	2.37	2.50
10-70- 46	16.77	37.53	.01760	.04477	.0	.0	0.96	8.42	1.00	.704	.0534	.893	513.2	513.2	513.2	513.2	1.48	1.48	2.38	2.50
10-70- 47	13.42	29.63	.01739	.04361	.0	.0	0.96	7.90	1.00	.704	.0540	.888	405.6	405.6	405.6	405.6	1.59	1.59	2.38	2.50
10-70- 48	10.72	23.34	.01733	.04290	.0	.0	0.96	7.46	1.00	.705	.0545	.884	321.1	321.1	321.1	321.1	1.67	1.67	2.39	2.50
10-70- 49	8.74	18.78	.01719	.04196	.0	.0	0.96	7.03	1.00	.705	.0551	.880	259.2	259.2	259.2	259.2	1.78	1.78	2.39	2.50
10-70- 50	7.04	14.89	.01709	.04108	.0	.0	0.96	6.60	1.00	.705	.0558	.875	206.5	206.5	206.5	206.5	1.88	1.88	2.40	2.50

RUN NU.	RE*E4	Q<KW/M2>	ST+	ST*	ST1*	STT*	STIF/	A1/AB	H+	G+	GPR1	G*	G*R	G*1	CT	GTR	GTF	GTR	X	YR	AH	TP	
10-85-	1	2.29	0.0	0.0	0.0	0.0	0.0	.635	42.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.26	8.01		
10-85-	2	1.74	0.0	0.0	0.0	0.0	0.0	.612	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.22	8.31		
10-85-	3	1.37	0.0	0.0	0.0	0.0	0.0	.596	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.20	8.46		
10-85-	4	1.10	0.0	0.0	0.0	0.0	0.0	.576	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.16	8.76		
10-85-	5	0.81	0.0	0.0	0.0	0.0	0.0	.558	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.12	8.88		
10-85-	6	0.68	0.0	0.0	0.0	0.0	0.0	.517	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.03	9.82		
10-85-	7	0.56	0.0	0.0	0.0	0.0	0.0	.486	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.95	10.41		
10-85-	8	2.62	0.0	0.0	0.0	0.0	0.0	.631	46.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.26	8.24		
10-85-	9	3.32	0.0	0.0	0.0	0.0	0.0	.649	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.29	8.02		
10-85-	10	4.12	0.0	0.0	0.0	0.0	0.0	.660	76.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.31	7.93		
10-85-	11	5.43	0.0	0.0	0.0	0.0	0.0	.677	102.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.33	7.76		
10-85-	12	6.69	0.0	0.0	0.0	0.0	0.0	.687	128.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.35	7.67		
10-85-	13	8.70	0.0	0.0	0.0	0.0	0.0	.698	167.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.36	7.63		
10-85-	14	10.61	0.0	0.0	0.0	0.0	0.0	.706	205.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.37	7.59		
10-85-	15	13.66	0.0	0.0	0.0	0.0	0.0	.714	263.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.39	7.61		
10-85-	16	17.51	0.0	0.0	0.0	0.0	0.0	.724	340.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.40	7.54		
10-85-	17	22.27	0.0	0.0	0.0	0.0	0.0	.733	436.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.41	7.50		
10-85-	18	27.93	0.0	0.0	0.0	0.0	0.0	.742	552.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.42	7.42		
10-85-	19	1.72	4.7	0.87	1.20	1.29	1.24	1.25	.503	26.7	8.7	8.3	9.1	11.8	7.2	7.7	10.3	7.6	10.3	2.16	9.02	2.50	4.16
10-85-	20	2.20	6.3	0.87	1.19	1.27	1.23	1.24	.527	35.2	8.7	8.3	9.0	11.7	7.3	7.8	10.3	7.6	10.2	2.19	8.74	2.50	4.79
10-85-	21	2.09	12.0	0.87	1.26	1.36	1.31	1.25	.462	27.1	11.1	8.7	12.0	13.2	8.5	9.0	10.5	9.7	11.0	2.08	10.06	2.50	3.55
10-85-	22	2.43	7.0	0.89	1.15	1.23	1.19	1.24	.533	39.2	9.1	8.6	9.0	11.7	7.8	8.3	10.5	7.7	10.4	2.20	8.72	2.50	4.53
10-85-	23	3.18	9.0	0.89	1.15	1.22	1.18	1.23	.556	52.6	9.0	8.6	9.0	11.7	7.8	8.2	10.9	7.8	10.5	2.24	8.50	2.50	5.24
10-85-	24	3.85	11.1	0.89	1.15	1.22	1.18	1.22	.573	65.2	9.0	8.6	9.1	11.8	7.9	8.3	11.0	7.9	10.6	2.26	8.32	2.50	5.79
10-85-	25	5.09	14.6	0.89	1.15	1.21	1.18	1.20	.590	87.4	9.1	8.7	9.2	12.0	8.0	8.4	11.1	8.1	10.8	2.29	8.21	2.50	6.49
10-85-	26	6.28	19.0	0.90	1.14	1.20	1.17	1.20	.601	108.5	9.6	9.0	9.6	12.3	8.5	8.8	11.6	8.5	11.2	2.30	8.17	2.50	6.56
10-85-	27	8.53	24.8	0.90	1.13	1.18	1.16	1.18	.619	149.6	10.3	9.8	10.4	13.3	9.3	9.6	12.6	9.4	12.3	2.33	8.06	2.50	6.51
10-85-	28	10.12	28.6	0.90	1.13	1.18	1.16	1.17	.628	178.8	10.7	10.2	10.9	13.9	9.8	10.0	13.1	9.9	12.8	2.34	8.02	2.50	6.47
10-85-	29	13.48	35.2	0.91	1.12	1.17	1.15	1.16	.643	241.1	11.2	10.8	11.4	14.6	10.3	10.5	13.8	10.4	13.6	2.36	7.95	2.50	6.60
10-85-	30	16.93	43.9	0.91	1.12	1.15	1.14	1.15	.655	306.8	11.8	11.3	11.9	15.1	10.9	11.1	14.4	10.5	14.2	2.37	7.87	2.50	6.63
10-85-	31	21.43	52.6	0.92	1.11	1.14	1.13	1.14	.668	394.0	12.7	12.2	12.8	16.3	11.9	12.1	15.7	12.0	15.4	2.39	7.78	2.50	6.20
10-85-	32	26.25	62.0	0.92	1.11	1.14	1.13	1.13	.679	489.4	13.8	13.3	14.0	17.7	13.0	13.2	17.0	13.2	16.8	2.40	7.68	2.50	5.70
10-85-	33	1.85	10.2	0.88	1.25	1.35	1.31	1.26	.444	23.3	11.4	9.0	12.1	13.5	8.8	9.3	11.2	9.8	11.2	2.05	10.39	2.50	3.08
10-85-	34	2.23	13.1	0.88	1.24	1.34	1.30	1.25	.469	29.3	10.8	8.6	11.5	12.9	8.4	8.8	10.7	9.3	10.7	2.09	9.95	2.50	3.83
10-85-	35	2.83	17.3	0.88	1.23	1.33	1.29	1.25	.495	38.7	10.5	8.3	11.1	12.5	8.2	8.7	10.6	9.1	10.4	2.14	9.59	2.50	4.59
10-85-	36	3.62	23.0	0.88	1.22	1.31	1.28	1.24	.520	51.7	10.2	8.2	10.7	12.1	8.1	8.5	10.4	8.9	10.2	2.18	9.25	2.50	5.45
10-85-	37	4.66	30.0	0.89	1.21	1.29	1.26	1.23	.541	68.5	10.4	8.3	10.8	12.1	8.4	8.8	10.7	9.1	10.4	2.21	9.01	2.50	5.92
10-85-	38	6.04	40.8	0.89	1.20	1.29	1.25	1.23	.560	90.8	10.0	7.9	10.3	11.6	8.1	8.4	10.3	8.7	10.0	2.24	8.83	2.50	7.30
10-85-	39	7.62	51.4	0.89	1.19	1.27	1.24	1.21	.577	117.1	10.4	8.2	10.7	12.0	8.5	8.9	10.8	9.2	10.5	2.27	8.69	2.50	7.49
10-85-	40	10.33	69.0	0.90	1.18	1.25	1.23	1.20	.593	161.1	10.5	8.3	10.8	12.2	8.8	9.1	11.1	9.4	10.7	2.29	8.62	2.50	8.20
10-85-	41	12.47	82.1	0.90	1.17	1.24	1.21	1.19	.606	198.1	11.0	8.7	11.2	12.7	9.3	9.6	11.7	9.5	11.3	2.31	8.51	2.50	8.13
10-85-	42	16.36	103.7	0.90	1.16	1.21	1.20	1.17	.625	266.9	11.7	9.3	12.0	13.5	10.2	10.4	12.6	10.7	12.2	2.33	8.35	2.50	7.98
10-85-	43	20.42	127.2	0.91	1.15	1.21	1.19	1.16	.637	337.4	12.4	9.9	12.8	14.4	10.9	11.1	13.3	11.5	13.1	2.35	8.27	2.50	7.81
10-85-	44	24.60	150.0	0.91	1.14	1.19	1.18	1.15	.649	414.5	13.1	10.4	13.4	15.0	11.7	11.8	14.2	12.2	13.8	2.36	8.16	2.50	7.49
10-70-	45	21.62	0.0	0.0	0.0	0.0	0.0	.772	670.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.10	6.60		
10-70-	46	16.77	0.0	0.0	0.0	0.0	0.0	.762	513.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.09	6.68		
10-70-	47	13.42	0.0	0.0	0.0	0.0	0.0	.752	405.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.08	6.77		
10-70-	48	10.72	0.0	0.0	0.0	0.0	0.0	.744	321.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.06	6.83		
10-70-	49	8.74	0.0	0.0	0.0	0.0	0.0	.734	259.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.05	6.90		
10-70-	50	7.04	0.0	0.0	0.0	0.0	0.0	.724	206.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.04	6.98		

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
10-70-51	5.74	11.96	.01702	.04028	.0	.0	0.96	6.23	1.00	.705	-.0564	-.870	166.7	166.7	166.7	166.7	1.98	1.98	2.40	2.50
10-70-52	4.70	9.65	.01691	.03936	.0	.0	0.96	5.86	1.00	.705	-.0571	-.865	135.1	135.1	135.1	135.1	2.10	2.10	2.40	2.50
10-70-53	3.87	7.82	.01686	.03862	.0	.0	0.96	5.53	1.00	.706	-.0578	-.860	110.2	110.2	110.2	110.2	2.20	2.20	2.41	2.50
10-70-54	3.18	6.32	.01685	.03792	.0	.0	0.96	5.21	1.00	.706	-.0586	-.855	89.7	89.7	89.7	89.7	2.30	2.30	2.41	2.50
10-70-55	3.86	7.81	.01695	.03888	.0	.0	0.96	5.56	1.00	.706	-.0578	-.861	110.3	110.3	110.3	110.3	2.18	2.18	2.41	2.50
10-70-56	3.05	6.04	.01686	.03783	.0	.0	0.96	5.15	1.00	.706	-.0587	-.854	86.0	86.0	86.0	86.0	2.32	2.32	2.41	2.50
10-70-57	2.44	4.74	.01687	.03765	.0	.0	0.96	4.82	1.00	.706	-.0596	-.848	68.1	68.1	68.1	68.1	2.44	2.44	2.42	2.50
10-70-58	2.35	4.56	.01693	.03710	.0	.0	0.96	4.78	1.00	.707	-.0597	-.848	65.7	65.7	65.7	65.7	2.44	2.44	2.42	2.50
10-70-59	1.88	3.56	.01680	.03582	.0	.0	0.96	4.41	1.00	.707	-.0609	-.840	51.6	51.6	51.6	51.6	2.62	2.62	2.42	2.50
10-70-60	1.52	2.82	.01676	.03486	.0	.0	0.96	4.10	1.00	.707	-.0620	-.834	41.3	41.3	41.3	41.3	2.77	2.77	2.43	2.50
10-70-61	1.24	2.24	.01668	.03370	.0	.0	0.96	3.79	1.00	.707	-.0633	-.826	33.1	33.1	33.1	33.1	2.96	2.96	2.43	2.50
10-70-62	0.99	1.75	.01690	.03330	.0	.0	0.96	3.55	1.00	.707	-.0644	-.820	26.3	26.3	26.3	26.3	3.05	3.05	2.44	2.50
10-70-63	0.88	1.49	.01586	.02961	.0	.0	0.97	3.10	1.00	.707	-.0667	-.808	22.1	22.1	22.1	22.1	3.62	3.62	2.44	2.50
10-70-64	0.98	1.68	.01569	.02966	.0	.0	0.97	3.19	1.00	.707	-.0662	-.810	24.7	24.7	24.7	24.7	3.59	3.59	2.44	2.50
10-70-65	0.83	1.37	.01537	.02786	.0	.0	0.97	2.89	1.00	.707	-.0681	-.801	20.3	20.3	20.3	20.3	3.92	3.92	2.44	2.50
10-70-66	0.70	1.11	.01480	.02533	.0	.0	0.98	2.55	1.00	.707	-.0708	-.788	16.4	16.4	16.4	16.4	4.45	4.45	2.44	2.50
10-70-67	0.61	0.92	.01387	.02154	.0	.0	0.98	2.16	1.00	.707	-.0746	-.771	13.5	13.5	13.5	13.5	5.26	5.26	2.45	2.50
10-70-68	0.54	0.72	.01256	.01745	.0	.0	0.99	1.70	1.00	.707	-.0815	-.746	10.6	10.6	10.6	10.6	6.66	6.66	2.45	2.50
10-70-69	6.41	13.15	.01615	.03817	.00822	.00708	0.96	6.11	1.24	.699	-.0568	-.868	180.3	124.3	186.0	128.2	2.20	1.98	2.40	2.50
10-70-70	4.88	9.66	.01591	.03717	.00829	.00715	0.95	5.69	1.25	.699	-.0580	-.860	134.1	92.0	138.4	94.9	2.35	2.12	2.40	2.50
10-70-71	3.88	7.59	.01596	.03643	.00849	.00732	0.95	5.31	1.25	.700	-.0587	-.855	106.0	72.6	109.5	74.9	2.46	2.23	2.41	2.50
10-70-72	3.03	5.74	.01571	.03506	.00854	.00737	0.95	4.88	1.25	.699	-.0600	-.847	80.9	55.2	83.6	57.0	2.66	2.42	2.41	2.50
10-70-73	2.42	4.43	.01545	.03377	.00863	.00744	0.95	4.51	1.25	.700	-.0613	-.838	63.0	43.2	65.0	44.6	2.87	2.63	2.42	2.50
10-70-74	1.93	3.45	.01537	.03271	.00850	.00733	0.95	4.17	1.25	.700	-.0626	-.831	49.5	34.1	51.1	35.2	3.04	2.80	2.42	2.50
10-70-75	0.55	0.67	.01186	.01619	.00651	.00563	0.99	1.63	1.26	.700	-.0854	-.733	9.9	7.1	10.2	7.3	7.21	6.90	2.45	2.50
10-70-76	1.91	3.39	.01521	.03220	.00842	.00728	0.95	4.10	1.26	.699	-.0628	-.829	48.6	33.1	50.2	34.2	3.11	2.86	2.42	2.50
10-70-77	2.42	4.52	.01541	.03295	.00873	.00750	0.96	4.37	1.24	.699	-.0613	-.839	63.5	43.9	65.4	45.3	2.96	2.72	2.42	2.50
10-70-78	1.75	3.06	.01510	.03151	.00850	.00733	0.95	3.94	1.25	.699	-.0635	-.826	43.9	30.4	45.3	31.3	3.23	2.99	2.42	2.50
10-70-79	1.73	3.06	.01522	.03144	.00857	.00740	0.95	3.90	1.25	.699	-.0633	-.827	43.8	29.9	45.3	30.9	3.23	2.98	2.43	2.50
10-70-80	1.46	2.52	.01523	.03124	.00850	.00732	0.95	3.76	1.25	.699	-.0643	-.821	36.7	25.4	37.8	26.2	3.30	3.06	2.43	2.50
10-70-81	1.29	2.18	.01514	.03038	.00824	.00710	0.95	3.55	1.24	.700	-.0653	-.816	31.9	22.1	32.9	22.8	3.45	3.21	2.43	2.50
10-70-82	1.12	1.80	.01441	.02744	.00800	.00693	0.96	3.14	1.26	.700	-.0677	-.803	26.2	17.9	27.0	18.5	3.98	3.71	2.43	2.50
10-70-83	0.88	1.36	.01412	.02553	.00777	.00671	0.96	2.77	1.25	.699	-.0703	-.791	20.0	13.9	20.6	14.3	4.39	4.13	2.44	2.50
10-70-84	0.77	1.12	.01332	.02232	.00723	.00625	0.97	2.38	1.26	.700	-.0739	-.775	16.4	11.4	16.9	11.8	5.15	4.87	2.44	2.50
10-70-85	0.69	0.96	.01322	.02134	.00707	.00611	0.97	2.21	1.25	.700	-.0758	-.767	14.2	9.9	14.6	10.2	5.43	5.14	2.44	2.50
10-70-86	0.61	0.81	.01283	.01957	.00663	.00573	0.98	1.98	1.26	.700	-.0789	-.756	12.1	8.5	12.4	8.7	5.97	5.67	2.45	2.50
10-70-87	0.55	0.67	.01197	.01648	.00646	.00558	0.99	1.65	1.25	.700	-.0847	-.736	10.0	7.2	10.3	7.4	7.08	6.77	2.45	2.50
10-70-88	4.31	8.01	.01445	.03321	.00762	.00721	0.94	5.09	1.58	.691	-.0601	-.847	110.1	51.4	117.6	54.9	2.87	2.38	2.41	2.50
10-70-89	3.26	5.68	.01390	.03111	.00745	.00707	0.93	4.57	1.59	.691	-.0622	-.834	79.1	37.1	84.4	39.6	3.23	2.72	2.41	2.50
10-70-90	2.81	4.83	.01395	.03081	.00737	.00701	0.93	4.39	1.60	.691	-.0629	-.830	67.8	31.7	72.4	33.8	3.29	2.78	2.42	2.50
10-70-91	2.44	4.09	.01373	.02953	.00719	.00684	0.94	4.10	1.60	.691	-.0640	-.824	57.5	27.0	61.3	28.8	3.52	3.00	2.42	2.50
10-70-92	2.10	3.43	.01367	.02871	.00694	.00662	0.94	3.86	1.61	.691	-.0650	-.818	48.6	22.8	51.9	24.3	3.68	3.15	2.42	2.50
10-70-93	1.83	2.90	.01343	.02728	.00670	.00639	0.95	3.57	1.61	.691	-.0665	-.811	41.1	19.4	43.9	20.7	3.95	3.41	2.42	2.50
10-70-94	1.58	2.43	.01328	.02621	.00672	.00641	0.95	3.33	1.61	.691	-.0679	-.804	34.7	16.5	37.0	17.6	4.18	3.64	2.43	2.50
10-70-95	1.37	2.06	.01321	.02525	.00643	.00613	0.95	3.11	1.61	.691	-.0693	-.797	29.6	14.1	31.5	15.1	4.40	3.86	2.43	2.50
10-70-96	1.19	1.74	.01320	.02447	.00611	.00585	0.96	2.92	1.62	.691	-.0706	-.791	25.3	12.1	27.0	12.9	4.59	4.03	2.43	2.50
10-70-97	1.07	1.50	.01280	.02258	.00572	.00550	0.97	2.64	1.63	.692	-.0729	-.780	21.7	10.3	23.1	11.0	5.06	4.47	2.43	2.50
10-70-98	0.93	1.23	.01246	.02073	.00537	.00516	0.97	2.36	1.64	.691	-.0757	-.769	17.9	8.6	19.1	9.1	5.57	4.96	2.44	2.50
10-70-99	0.81	1.01	.01209	.01867	.00494	.00476	0.99	2.06	1.64	.691	-.0794	-.755	14.8	7.2	15.7	7.6	6.23	5.60	2.44	2.50
10-70-100	4.06	6.80	.01326	.02928	.00665	.00675	0.95	4.56	1.82	.687	-.0627	-.832	92.8	36.7	100.6	35.8	3.50	2.86	2.41	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPR1	G*	G*R	G*1	GT	GTR	GTF	GTR	X	YR	AH	TP		
10-70-51	5.74	0.0	0.0	0.0	0.0	0.0	.715	166.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.03	7.05				
10-70-52	4.70	0.0	0.0	0.0	0.0	0.0	.705	135.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.01	7.13				
10-70-53	3.87	0.0	0.0	0.0	0.0	0.0	.695	110.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00	7.20				
10-70-54	3.18	0.0	0.0	0.0	0.0	0.0	.685	89.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.99	7.26				
10-70-55	3.86	0.0	0.0	0.0	0.0	0.0	.696	110.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00	7.17				
10-70-56	3.05	0.0	0.0	0.0	0.0	0.0	.683	86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.98	7.27				
10-70-57	2.44	0.0	0.0	0.0	0.0	0.0	.671	68.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.97	7.35				
10-70-58	2.35	0.0	0.0	0.0	0.0	0.0	.670	65.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.96	7.34				
10-70-59	1.88	0.0	0.0	0.0	0.0	0.0	.655	51.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.94	7.47				
10-70-60	1.52	0.0	0.0	0.0	0.0	0.0	.642	41.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.92	7.57				
10-70-61	1.24	0.0	0.0	0.0	0.0	0.0	.628	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.90	7.70				
10-70-62	0.99	0.0	0.0	0.0	0.0	0.0	.616	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.88	7.75				
10-70-63	0.88	0.0	0.0	0.0	0.0	0.0	.591	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.84	8.22				
10-70-64	0.98	0.0	0.0	0.0	0.0	0.0	.597	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.85	8.21				
10-70-65	0.83	0.0	0.0	0.0	0.0	0.0	.579	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.82	8.47				
10-70-66	0.70	0.0	0.0	0.0	0.0	0.0	.555	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.78	8.89				
10-70-67	0.61	0.0	0.0	0.0	0.0	0.0	.524	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.72	9.55				
10-70-68	0.54	0.0	0.0	0.0	0.0	0.0	.478	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.62	10.71				
10-70-69	6.41	23.0	0.95	1.06	1.08	1.07	1.18	.685	180.3	10.8	11.0	10.2	13.4	10.5	10.7	14.0	9.2	12.4	2.02	7.24	2.50	5.98
10-70-70	4.88	18.0	0.93	1.07	1.10	1.08	1.20	.667	134.1	10.4	10.4	9.8	12.9	10.0	10.2	13.3	8.7	11.8	2.00	7.34	2.50	5.78
10-70-71	3.88	14.5	0.94	1.07	1.09	1.07	1.21	.656	106.0	10.0	10.1	9.3	12.3	9.6	9.9	12.9	8.2	11.2	1.98	7.41	2.50	5.59
10-70-72	3.03	11.6	0.94	1.07	1.10	1.08	1.23	.638	80.9	9.6	9.7	8.9	11.8	9.2	9.4	12.3	7.7	10.6	1.96	7.55	2.50	5.35
10-70-73	2.42	9.2	0.93	1.09	1.12	1.10	1.25	.620	63.0	9.1	9.2	8.4	11.2	8.6	8.9	11.7	7.2	10.0	1.93	7.70	2.50	5.28
10-70-74	1.93	7.2	0.92	1.09	1.12	1.10	1.26	.605	49.5	9.1	9.2	8.4	11.2	8.6	8.9	11.7	7.1	9.9	1.91	7.82	2.50	4.71
10-70-75	0.55	1.6	0.86	1.20	1.27	1.24	1.45	.410	9.9	8.0	8.0	7.8	10.4	7.0	7.3	9.6	5.6	8.2	1.57	11.11	2.50	3.09
10-70-76	1.91	7.4	0.92	1.09	1.13	1.10	1.26	.601	48.6	9.2	9.2	8.5	11.3	8.6	8.9	11.7	7.2	9.9	1.91	7.88	2.50	4.65
10-70-77	2.42	9.1	0.95	1.06	1.09	1.07	1.24	.621	63.5	9.1	9.2	8.2	11.1	8.6	8.9	11.7	7.0	9.8	1.94	7.79	2.50	5.19
10-70-78	1.75	6.6	0.92	1.09	1.13	1.10	1.27	.593	43.9	8.9	9.0	8.2	10.9	8.3	8.6	11.4	6.8	9.6	1.90	7.97	2.50	4.67
10-70-79	1.73	6.7	0.94	1.07	1.11	1.09	1.27	.595	43.8	9.0	9.0	8.1	10.9	8.4	8.8	11.5	6.8	9.6	1.90	7.98	2.50	4.56
10-70-80	1.46	5.4	0.92	1.09	1.13	1.10	1.28	.584	36.7	8.9	9.0	8.1	10.9	8.3	8.6	11.4	6.8	9.5	1.88	8.00	2.50	4.29
10-70-81	1.29	4.6	0.92	1.09	1.13	1.11	1.29	.573	31.9	9.1	9.2	8.4	11.2	8.6	8.9	11.6	7.0	9.8	1.87	8.11	2.50	3.83
10-70-82	1.12	4.1	0.91	1.12	1.16	1.14	1.31	.547	26.2	8.7	8.7	8.2	10.9	8.1	8.4	11.0	6.6	9.3	1.82	8.54	2.50	3.85
10-70-83	0.88	3.0	0.91	1.11	1.16	1.14	1.33	.522	20.0	8.8	8.8	8.1	10.8	8.1	8.4	11.0	6.5	9.2	1.78	8.85	2.50	3.34
10-70-84	0.77	2.5	0.89	1.14	1.19	1.17	1.35	.490	16.4	8.8	8.8	8.3	11.1	8.0	8.2	10.8	6.5	9.2	1.73	9.47	2.50	3.08
10-70-85	0.69	2.2	0.89	1.15	1.20	1.18	1.36	.475	14.2	8.8	8.8	8.4	11.1	8.0	8.2	10.7	6.5	9.2	1.70	9.68	2.50	2.91
10-70-86	0.61	1.8	0.89	1.16	1.21	1.19	1.37	.452	12.1	9.1	9.1	8.8	11.6	8.2	8.4	11.0	6.8	9.5	1.66	10.11	2.50	2.55
10-70-87	0.55	1.6	0.87	1.19	1.26	1.23	1.43	.414	10.0	8.3	8.3	8.1	10.7	7.3	7.5	9.9	5.9	8.5	1.58	11.02	2.50	2.90
10-70-88	4.31	43.5	0.93	1.09	1.13	1.10	1.23	.639	110.1	10.8	9.3	10.0	12.1	10.2	10.5	12.8	8.9	10.9	1.96	7.76	2.50	5.63
10-70-89	3.26	33.1	0.91	1.12	1.16	1.14	1.26	.612	79.1	10.4	8.9	9.8	11.8	9.7	9.9	12.2	8.4	10.4	1.92	8.02	2.50	5.29
10-70-90	2.81	28.6	0.91	1.12	1.16	1.14	1.27	.603	67.8	10.5	9.0	9.9	11.8	9.7	10.0	12.2	8.5	10.4	1.91	8.06	2.50	4.88
10-70-91	2.44	23.8	0.91	1.13	1.17	1.15	1.27	.589	57.5	10.6	9.1	10.0	12.0	9.7	10.0	12.2	8.5	10.5	1.89	8.23	2.50	4.47
10-70-92	2.10	19.9	0.90	1.13	1.18	1.15	1.28	.577	48.6	10.9	9.3	10.4	12.4	10.0	10.3	12.5	8.9	10.8	1.87	8.35	2.50	3.90
10-70-93	1.83	16.7	0.90	1.14	1.19	1.16	1.28	.562	41.1	11.1	9.5	10.7	12.6	10.1	10.4	12.6	9.0	10.9	1.85	8.56	2.50	3.52
10-70-94	1.58	14.6	0.90	1.15	1.20	1.18	1.30	.547	34.7	10.7	9.1	10.3	12.2	9.7	9.9	12.1	8.6	10.5	1.82	8.73	2.50	3.52
10-70-95	1.37	12.0	0.90	1.16	1.20	1.18	1.29	.533	29.6	11.2	9.5	10.9	12.8	10.1	10.3	12.5	9.0	10.9	1.80	8.90	2.50	3.03
10-70-96	1.19	10.1	0.90	1.16	1.21	1.19	1.29	.521	25.3	11.8	10.0	11.5	13.5	10.6	10.8	13.1	9.6	11.5	1.78	9.04	2.50	2.54
10-70-97	1.07	8.4	0.89	1.17	1.22	1.20	1.29	.500	21.7	12.3	10.4	12.1	14.1	10.9	11.1	13.4	10.1	12.0	1.74	9.41	2.50	2.20
10-70-98	0.93	6.9	0.89	1.18	1.23	1.21	1.29	.477	17.9	12.7	10.7	12.7	14.7	11.2	11.4	13.7	10.4	12.4	1.70	9.82	2.50	1.87
10-70-99	0.81	5.5	0.89	1.19	1.24	1.23	1.29	.450	14.8	13.3	11.2	13.5	15.5	11.7	11.8	14.2	11.0	13.0	1.65	10.35	2.50	1.58
10-70-100	4.06	57.7	0.90	1.16	1.21	1.18	1.25	.606	92.8	11.6	9.1	11.4	12.6	10.3	10.6	12.4	9.8	10.9	1.91	8.27	2.50	5.29

Table 5 cont.

RUN NO.	RE*E4	REI*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+h	H+R	H+RW	RH+	RH+R	AS	AR
10-70-101	3.27	5.36	.01304	.02839	.00627	.00641	0.94	4.25	1.85	.687	.0639	.825	73.9	28.3	80.4	30.8	3.68	3.01	2.41	2.50
10-70-102	2.71	4.30	.01296	.02729	.00625	.00635	0.95	3.93	1.82	.688	.0653	.818	59.7	23.6	64.7	25.6	3.90	3.24	2.42	2.50
10-70-103	2.21	3.34	.01268	.02538	.00596	.00608	0.96	3.51	1.83	.687	.0674	.807	46.5	18.6	50.4	20.1	4.31	3.62	2.42	2.50
10-70-104	1.84	2.67	.01255	.02391	.00565	.00576	0.97	3.18	1.83	.687	.0693	.797	37.4	15.2	40.5	16.4	4.65	3.96	2.43	2.50
10-70-105	1.53	2.12	.01243	.02236	.00534	.00544	0.98	2.86	1.83	.687	.0716	.787	29.9	12.4	32.3	13.4	5.05	4.35	2.43	2.50
10-70-106	1.28	1.71	.01237	.02097	.00492	.00502	1.00	2.57	1.83	.687	.0739	.777	24.2	10.2	26.2	11.0	5.45	4.74	2.43	2.50
10-70-107	1.08	1.36	.01209	.01899	.00450	.00458	1.01	2.25	1.83	.687	.0773	.763	19.4	8.3	20.9	8.9	6.07	5.34	2.44	2.50
10-70-108	0.90	1.11	.01188	.01703	.00390	.00397	1.03	1.92	1.83	.687	.0807	.751	15.8	6.7	17.0	7.2	6.78	5.99	2.44	2.50
10-70-109	20.78	46.57	.01685	.04293	.00696	.00598	0.96	8.46	1.24	.698	.0534	.894	623.9	428.9	643.8	442.6	1.61	1.40	2.38	2.50
10-70-110	15.65	34.43	.01677	.04212	.00729	.00625	0.96	7.90	1.24	.697	.0540	.888	464.2	322.2	478.7	332.2	1.71	1.50	2.38	2.50
10-70-111	12.54	27.11	.01651	.04091	.00758	.00648	0.96	7.40	1.23	.697	.0547	.883	366.0	257.9	376.9	265.6	1.84	1.64	2.39	2.50
10-70-112	10.13	21.66	.01637	.03981	.00802	.00686	0.96	6.91	1.23	.698	.0553	.879	292.6	205.7	301.4	211.9	1.97	1.76	2.39	2.50
10-70-113	8.07	16.90	.01627	.03917	.00814	.00698	0.96	6.54	1.23	.698	.0560	.874	230.3	160.3	237.4	165.3	2.06	1.85	2.40	2.50
10-70-114	6.57	13.45	.01598	.03782	.00822	.00705	0.95	6.10	1.23	.698	.0569	.867	183.7	128.1	189.3	132.1	2.23	2.01	2.40	2.50
10-70-115	13.54	27.64	.01507	.03803	.00733	.00694	0.94	7.23	1.59	.690	.0559	.876	370.2	172.4	395.4	184.1	2.16	1.70	2.39	2.50
10-70-116	11.37	23.87	.01574	.03869	.00741	.00701	0.95	6.97	1.59	.690	.0556	.878	320.8	148.1	342.8	158.3	2.09	1.63	2.39	2.50
10-70-117	9.23	18.31	.01495	.03701	.00741	.00701	0.93	6.57	1.59	.690	.0570	.868	248.3	115.6	265.3	123.4	2.32	1.85	2.39	2.50
10-70-118	7.41	14.34	.01469	.03584	.00754	.00715	0.93	6.13	1.59	.690	.0579	.861	195.5	90.4	208.9	96.6	2.48	2.00	2.40	2.50
10-70-119	18.47	38.38	.01554	.03939	.00687	.00654	0.95	7.87	1.60	.691	.0550	.883	511.5	238.1	546.2	254.3	2.01	1.56	2.38	2.50
10-70-120	17.61	35.47	.01486	.03754	.00658	.00666	0.95	7.54	1.81	.688	.0557	.878	470.4	182.3	510.8	198.0	2.20	1.62	2.38	2.50
10-70-121	13.21	25.93	.01464	.03658	.00684	.00691	0.94	7.00	1.80	.687	.0567	.871	346.8	135.3	376.4	146.8	2.37	1.78	2.39	2.50
10-70-122	10.52	20.12	.01431	.03516	.00692	.00698	0.94	6.48	1.80	.687	.0576	.864	269.6	105.5	292.6	114.5	2.56	1.97	2.39	2.50
10-70-123	8.39	15.67	.01401	.03393	.00705	.00711	0.94	6.03	1.80	.687	.0585	.858	210.8	82.6	228.7	89.6	2.72	2.12	2.40	2.50
10-70-124	6.66	12.17	.01394	.03330	.00709	.00714	0.94	5.67	1.79	.687	.0594	.852	165.4	65.1	179.4	70.6	2.83	2.23	2.40	2.50
10-70-125	5.40	9.56	.01364	.03179	.00697	.00703	0.94	5.22	1.80	.687	.0606	.845	130.2	51.3	141.2	55.6	3.07	2.45	2.40	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ 0.90	ST*/ 1.15	ST1*/ 1.19	STT*/ 1.17	STIF/ 1.26	A1/AB .592	H+ 73.9	G+ 12.4	GPRI 9.6	G* 12.1	S*R 13.2	G*1 11.3	GT 11.5	GTR 13.3	GTF 10.4	GTFR 11.5	X 1.89	YR 8.39	AH 2.50	TP 4.06
10-70-101	3.27	45.3	0.90	1.15	1.19	1.17	1.26	.592	73.9	12.4	9.6	12.1	13.2	11.3	11.5	13.3	10.4	11.5	1.89	8.39	2.50	4.06
10-70-102	2.71	35.5	0.90	1.16	1.21	1.19	1.26	.576	59.7	12.1	9.5	11.9	13.1	10.9	11.1	12.9	10.1	11.3	1.86	8.56	2.50	3.90
10-70-103	2.21	28.0	0.89	1.18	1.22	1.20	1.27	.553	46.5	12.3	9.6	12.2	13.4	10.9	11.1	12.9	10.3	11.4	1.83	8.88	2.50	3.40
10-70-104	1.84	22.1	0.89	1.19	1.23	1.22	1.27	.534	37.4	12.8	10.0	12.9	14.1	11.3	11.4	13.3	10.8	11.5	1.80	9.15	2.50	2.87
10-70-105	1.53	17.3	0.89	1.20	1.25	1.24	1.26	.513	29.9	13.2	10.4	13.6	14.8	11.5	11.6	13.6	11.3	12.4	1.76	9.46	2.50	2.43
10-70-106	1.28	13.4	0.89	1.21	1.26	1.25	1.25	.493	24.2	14.2	11.1	14.9	15.1	12.3	12.3	14.4	12.4	13.5	1.73	9.77	2.50	1.90
10-70-107	1.08	10.3	0.89	1.22	1.26	1.27	1.24	.466	19.4	15.1	11.8	16.1	17.4	13.0	13.0	15.1	13.3	14.5	1.68	10.26	2.50	1.49
10-70-108	0.90	7.4	0.88	1.23	1.29	1.30	1.20	.441	15.8	16.8	13.2	18.4	19.9	14.3	14.2	16.6	15.5	16.9	1.63	10.84	2.50	1.03
10-70-109	20.78	65.0	0.96	1.04	1.06	1.04	1.12	.743	623.9	15.0	15.1	14.3	18.4	14.7	15.0	19.1	13.6	17.6	2.09	6.83	2.50	5.04
10-70-110	15.65	51.1	0.95	1.05	1.06	1.05	1.13	.731	464.2	13.8	14.0	13.2	17.1	13.5	13.7	17.7	12.4	16.3	2.07	6.89	2.50	5.36
10-70-111	12.54	40.9	0.95	1.05	1.07	1.06	1.14	.719	366.0	12.8	13.0	12.2	15.9	12.5	12.7	16.5	11.4	15.0	2.06	6.99	2.50	5.68
10-70-112	10.13	34.1	0.96	1.05	1.06	1.05	1.15	.709	292.6	11.7	11.9	11.0	14.4	11.4	11.6	15.2	10.1	13.6	2.05	7.09	2.50	6.18
10-70-113	8.07	28.9	0.95	1.05	1.07	1.06	1.17	.697	230.3	11.3	11.4	10.6	13.9	11.0	11.2	14.6	9.7	13.0	2.03	7.15	2.50	6.08
10-70-114	6.57	23.4	0.95	1.06	1.08	1.06	1.18	.684	183.7	10.8	11.0	10.1	13.4	10.5	10.7	13.9	9.2	12.4	2.02	7.27	2.50	6.00
10-70-115	13.54	136.6	0.93	1.09	1.12	1.10	1.18	.702	370.2	12.3	10.6	11.8	14.1	11.7	12.1	14.7	10.8	13.1	2.04	7.25	2.50	7.25
10-70-116	11.37	116.1	0.95	1.06	1.09	1.07	1.16	.706	320.8	12.6	10.9	12.0	14.3	12.2	12.5	15.2	11.1	13.4	2.04	7.19	2.50	6.42
10-70-117	9.23	94.0	0.92	1.09	1.12	1.10	1.20	.684	248.3	11.9	10.2	11.3	13.5	11.4	11.7	14.2	10.3	12.5	2.01	7.35	2.50	6.57
10-70-118	7.41	77.0	0.92	1.09	1.12	1.11	1.21	.670	195.5	11.3	9.7	10.7	12.8	10.8	11.1	13.5	9.6	11.7	2.00	7.47	2.50	6.57
10-70-119	18.47	174.5	0.92	1.10	1.14	1.11	1.15	.717	511.5	13.7	11.7	13.6	15.0	12.8	13.3	16.1	12.6	14.9	2.06	7.13	2.50	6.89
10-70-120	17.61	239.0	0.92	1.11	1.15	1.12	1.17	.706	470.4	14.0	11.1	13.9	15.3	13.0	13.4	15.6	12.8	14.2	2.04	7.30	2.50	6.84
10-70-121	13.21	188.5	0.91	1.12	1.15	1.13	1.18	.691	346.8	13.0	10.3	12.8	14.2	12.1	12.4	14.5	11.6	13.0	2.02	7.39	2.50	7.12
10-70-122	10.52	152.3	0.91	1.12	1.16	1.14	1.20	.676	269.6	12.5	9.9	12.2	13.6	11.5	11.5	13.9	11.0	12.3	2.00	7.54	2.50	7.02
10-70-123	8.39	122.8	0.91	1.13	1.16	1.14	1.22	.662	210.8	11.8	9.4	11.5	12.8	10.9	11.2	13.1	10.2	11.5	1.99	7.68	2.50	6.97
10-70-124	6.66	98.2	0.91	1.13	1.17	1.15	1.23	.650	165.4	11.6	9.2	11.2	12.5	10.7	11.0	12.8	9.5	11.2	1.97	7.75	2.50	6.57
10-70-125	5.40	78.4	0.90	1.14	1.18	1.16	1.24	.633	130.2	11.5	9.1	11.1	12.4	10.5	10.8	12.6	9.7	11.0	1.95	7.93	2.50	6.05

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
12-85- 1	26.71	61.86	.01170	.03037	.0	.0	0.96	6.56	1.00	.706	.0306	.848	364.5	364.5	364.5	364.5	1.43	1.43	2.39	2.50
12-85- 2	21.04	47.65	.01149	.02910	.0	.0	0.96	6.05	1.00	.707	.0311	.840	281.3	281.3	281.3	281.3	1.65	1.65	2.39	2.50
12-85- 3	16.30	36.25	.01154	.02868	.0	.0	0.96	5.69	1.00	.707	.0315	.834	216.3	216.3	216.3	216.3	1.75	1.75	2.39	2.50
12-85- 4	13.86	30.47	.01159	.02847	.0	.0	0.96	5.49	1.00	.708	.0318	.830	183.4	183.4	183.4	183.4	1.80	1.80	2.40	2.50
12-85- 5	10.43	22.64	.01198	.02907	.0	.0	0.96	5.29	1.00	.708	.0321	.826	139.4	139.4	139.4	139.4	1.74	1.74	2.40	2.50
12-85- 6	9.17	19.72	.01202	.02886	.0	.0	0.96	5.13	1.00	.708	.0323	.823	122.2	122.2	122.2	122.2	1.79	1.79	2.40	2.50
12-85- 7	8.04	17.07	.01201	.02844	.0	.0	0.96	4.93	1.00	.710	.0325	.819	106.4	106.4	106.4	106.4	1.88	1.88	2.40	2.50
12-85- 8	6.10	12.73	.01230	.02862	.0	.0	0.96	4.69	1.00	.710	.0331	.813	81.0	81.0	81.0	81.0	1.89	1.89	2.41	2.50
12-85- 9	5.35	10.99	.01222	.02791	.0	.0	0.97	4.47	1.00	.709	.0335	.808	70.2	70.2	70.2	70.2	2.03	2.03	2.41	2.50
12-85-10	4.00	8.02	.01242	.02763	.0	.0	0.97	4.16	1.00	.709	.0341	.800	52.3	52.3	52.3	52.3	2.13	2.13	2.41	2.50
12-85-11	3.24	6.33	.01239	.02675	.0	.0	0.97	3.86	1.00	.709	.0348	.792	41.7	41.7	41.7	41.7	2.32	2.32	2.42	2.50
12-85-12	2.72	5.19	.01235	.02594	.0	.0	0.97	3.62	1.00	.709	.0354	.785	34.5	34.5	34.5	34.5	2.51	2.51	2.42	2.50
12-85-13	2.72	5.21	.01241	.02613	.0	.0	0.97	3.64	1.00	.709	.0354	.785	34.7	34.7	34.7	34.7	2.48	2.48	2.42	2.50
12-85-14	2.15	3.96	.01225	.02466	.0	.0	0.97	3.28	1.00	.709	.0366	.773	26.7	26.7	26.7	26.7	2.87	2.87	2.42	2.50
12-85-15	1.71	3.00	.01212	.02326	.0	.0	0.98	2.94	1.00	.709	.0381	.758	20.6	20.6	20.6	20.6	3.38	3.38	2.42	2.50
12-85-16	1.38	2.32	.01199	.02182	.0	.0	0.98	2.64	1.00	.709	.0395	.745	16.1	16.1	16.1	16.1	3.80	3.80	2.43	2.50
12-85-17	1.12	1.69	.01126	.01850	.0	.0	0.99	2.15	1.00	.708	.0440	.713	12.0	12.0	12.0	12.0	5.41	5.41	2.43	2.50
12-85-18	0.95	1.45	.01149	.01827	.0	.0	0.99	2.06	1.00	.708	.0425	.718	10.3	10.3	10.3	10.3	4.69	4.69	2.43	2.50
12-85-19	0.72	1.04	.01150	.01681	.0	.0	0.99	1.78	1.00	.709	.0449	.700	7.6	7.6	7.6	7.6	5.29	5.29	2.44	2.50
12-85-20	0.59	0.69	.01016	.01145	.0	.0	1.01	1.18	1.00	.708	.0535	.650	5.2	5.2	5.2	5.2	8.08	8.08	2.44	2.50
12-85-21	9.02	18.33	.01140	.02677	.00606	.00522	0.97	4.83	1.23	.707	.0331	.813	113.0	81.0	116.2	83.2	2.18	1.94	2.40	2.50
12-85-22	12.17	25.12	.01105	.02626	.00577	.00496	0.97	5.02	1.22	.706	.0327	.818	151.0	109.3	155.2	112.2	2.23	2.00	2.40	2.50
12-85-23	21.45	46.93	.01100	.02758	.00533	.00456	0.96	5.83	1.21	.705	.0315	.834	275.0	201.5	282.2	206.8	1.92	1.70	2.39	2.50
12-85-24	15.92	34.16	.01098	.02728	.00641	.00548	0.95	5.48	1.21	.705	.0321	.827	203.6	146.3	205.2	150.4	2.01	1.73	2.39	2.50
12-85-25	13.47	27.87	.01094	.02644	.00557	.00489	0.96	5.17	1.31	.703	.0325	.820	167.2	107.5	173.5	111.5	2.19	1.87	2.40	2.50
12-85-26	4.54	8.36	.01138	.02470	.00614	.00542	0.97	3.92	1.33	.704	.0352	.788	53.8	34.4	55.8	35.7	2.71	2.38	2.41	2.50
12-85-27	3.92	7.10	.01140	.02433	.00606	.00537	0.97	3.75	1.33	.705	.0356	.783	46.1	29.3	47.9	30.4	2.81	2.47	2.41	2.50
12-85-28	2.97	5.17	.01141	.02323	.00603	.00530	0.97	3.39	1.31	.704	.0367	.771	34.1	22.4	35.4	23.2	3.10	2.78	2.42	2.50
12-85-29	2.32	3.85	.01125	.02166	.00583	.00513	0.98	3.01	1.31	.704	.0381	.757	25.8	17.0	26.7	17.6	3.54	3.21	2.42	2.50
12-85-30	11.55	21.51	.01026	.02374	.00530	.00519	0.97	4.62	1.70	.701	.0340	.802	129.9	57.1	139.3	61.2	2.79	2.18	2.40	2.50
12-85-31	9.26	17.02	.01054	.02412	.00542	.00528	0.97	4.49	1.68	.701	.0343	.799	104.8	46.7	112.2	50.0	2.74	2.14	2.40	2.50
12-85-32	6.88	12.23	.01066	.02363	.00539	.00526	0.97	4.15	1.68	.701	.0351	.790	76.7	34.5	82.2	36.9	2.90	2.30	2.41	2.50
12-85-33	23.04	47.77	.01073	.02706	.00503	.00486	0.96	5.89	1.66	.699	.0319	.830	282.1	125.0	302.3	134.0	2.04	1.46	2.39	2.50
12-85-34	17.03	33.87	.01049	.02552	.00517	.00499	0.97	5.29	1.65	.700	.0328	.818	201.3	90.7	215.4	97.0	2.37	1.79	2.39	2.50
12-85-35	13.22	25.28	.01038	.02451	.00531	.00515	0.97	4.87	1.67	.700	.0336	.809	151.9	68.1	162.6	72.9	2.63	2.03	2.40	2.50
12-85-36	5.58	9.64	.01071	.02321	.00545	.00533	0.98	3.92	1.69	.702	.0357	.783	61.4	27.4	65.8	29.4	3.04	2.42	2.41	2.50
12-85-37	4.45	7.39	.01066	.02216	.00537	.00524	0.98	3.59	1.69	.701	.0367	.772	47.7	21.7	51.0	23.2	3.33	2.71	2.41	2.50
12-85-38	3.74	5.98	.01059	.02114	.00531	.00517	0.99	3.31	1.68	.701	.0376	.763	38.9	18.1	41.6	19.3	3.62	3.01	2.41	2.50
12-85-39	3.01	4.61	.01051	.02000	.00515	.00498	0.99	2.99	1.66	.701	.0388	.751	30.5	14.5	32.4	15.4	3.98	3.37	2.42	2.50
12-85-40	16.01	33.91	.01097	.02691	.00641	.00471	0.96	5.42	1.27	.704	.0322	.826	201.6	136.2	208.3	140.7	2.08	1.80	2.40	2.50
12-85-41	16.00	33.90	.01100	.02695	.00547	.00474	0.96	5.42	1.26	.704	.0321	.826	201.6	137.9	208.0	142.4	2.07	1.80	2.40	2.50
12-85-42	12.24	24.79	.01084	.02578	.00556	.00494	0.97	4.97	1.35	.706	.0330	.815	149.2	91.7	155.4	95.5	2.34	1.99	2.40	2.50
12-85-43	9.30	18.53	.01115	.02607	.00586	.00518	0.97	4.76	1.33	.705	.0333	.810	113.8	72.1	118.2	74.9	2.31	1.99	2.40	2.50
12-85-44	5.10	9.56	.01142	.02525	.00606	.00537	0.97	4.10	1.34	.705	.0347	.793	61.2	38.7	63.6	40.2	2.57	2.24	2.41	2.50
12-85-45	3.86	6.97	.01139	.02425	.00608	.00539	0.97	3.73	1.34	.706	.0357	.782	45.3	28.5	47.1	29.6	2.83	2.48	2.41	2.50
12-85-46	2.95	5.12	.01139	.02320	.00596	.00527	0.97	3.38	1.33	.705	.0368	.771	33.9	21.7	35.1	22.6	3.11	2.77	2.42	2.50
12-85-47	26.49	58.60	.01098	.02815	.00513	.00449	0.96	6.18	1.30	.703	.0312	.839	341.9	221.6	354.5	229.8	1.80	1.50	2.39	2.50
12-85-48	19.09	40.64	.01081	.02673	.00533	.00467	0.96	5.57	1.30	.703	.0320	.828	239.0	154.6	247.8	160.3	2.09	1.78	2.39	2.50
12-70-49	8.56	17.99	.01601	.03808	.0	.0	0.96	6.42	1.00	.710	.0422	.874	182.6	182.6	182.6	182.6	1.46	1.46	2.40	2.50
12-70-50	6.43	13.21	.01587	.03688	.0	.0	0.96	5.89	1.00	.710	.0429	.867	135.0	135.0	135.0	135.0	1.63	1.63	2.40	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	ST1F /	A1/AB	HH	G+	GPR1	G*	G*R	G*1	GT	GTR	GTF	GTR	X	YR	AH	TP
12-85-	1	26.71	0.0	0.0	0.0	0.0	0.0	.719	364.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.67	8.11		
12-85-	2	21.04	0.0	0.0	0.0	0.0	0.0	.706	281.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.66	8.29		
12-85-	3	16.30	0.0	0.0	0.0	0.0	0.0	.696	216.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.64	8.35		
12-85-	4	13.86	0.0	0.0	0.0	0.0	0.0	.689	183.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.63	8.38		
12-85-	5	10.43	0.0	0.0	0.0	0.0	0.0	.683	139.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.62	8.29		
12-85-	6	9.17	0.0	0.0	0.0	0.0	0.0	.677	122.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.61	8.32		
12-85-	7	8.04	0.0	0.0	0.0	0.0	0.0	.671	106.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.60	8.39		
12-85-	8	6.10	0.0	0.0	0.0	0.0	0.0	.662	81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.59	8.36		
12-85-	9	5.35	0.0	0.0	0.0	0.0	0.0	.653	70.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.57	8.46		
12-85-	10	4.00	0.0	0.0	0.0	0.0	0.0	.641	52.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.55	8.51		
12-85-	11	3.24	0.0	0.0	0.0	0.0	0.0	.627	41.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.53	8.65		
12-85-	12	2.72	0.0	0.0	0.0	0.0	0.0	.616	34.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.51	8.78		
12-85-	13	2.72	0.0	0.0	0.0	0.0	0.0	.617	34.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.51	8.75		
12-85-	14	2.15	0.0	0.0	0.0	0.0	0.0	.597	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.48	9.01		
12-85-	15	1.71	0.0	0.0	0.0	0.0	0.0	.575	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.43	9.27		
12-85-	16	1.38	0.0	0.0	0.0	0.0	0.0	.555	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.39	9.57		
12-85-	17	1.12	0.0	0.0	0.0	0.0	0.0	.509	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.28	10.40		
12-85-	18	0.95	0.0	0.0	0.0	0.0	0.0	.516	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.31	10.46		
12-85-	19	0.72	0.0	0.0	0.0	0.0	0.0	.491	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.25	10.91		
12-85-	20	0.59	0.0	0.0	0.0	0.0	0.0	.423	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.06	13.22		
12-85-	21	9.02	13.4	0.90	1.13	1.17	1.17	.602	113.0	10.7	10.9	11.0	14.5	9.8	9.9	13.3	9.9	13.4	2.59	8.64	2.50	4.71
12-85-	22	12.17	16.9	0.90	1.13	1.18	1.17	.611	151.0	11.3	11.5	11.8	15.5	10.4	10.5	14.1	10.7	14.4	2.60	8.73	2.50	4.73
12-85-	23	21.45	26.0	0.92	1.09	1.13	1.13	.643	275.0	13.7	14.1	13.7	18.0	12.9	12.9	17.2	12.8	17.1	2.64	8.52	2.50	4.06
12-85-	24	15.92	23.7	0.95	1.06	1.12	1.10	.629	203.6	10.7	11.0	9.9	13.4	9.7	10.1	13.7	9.0	12.5	2.62	8.56	2.50	5.74
12-85-	25	13.47	27.0	0.92	1.11	1.15	1.15	.615	167.2	12.4	12.1	12.4	16.0	11.4	11.5	15.2	11.4	15.0	2.60	8.70	2.50	4.30
12-85-	26	4.54	10.4	0.89	1.15	1.21	1.20	.555	53.8	9.8	9.5	10.1	13.2	8.7	8.8	11.8	8.8	11.8	2.52	9.00	2.50	4.29
12-85-	27	3.92	8.9	0.89	1.15	1.22	1.20	.545	46.1	10.0	9.6	10.2	13.2	8.7	8.9	11.9	8.9	11.9	2.50	9.07	2.50	3.92
12-85-	28	2.97	6.3	0.88	1.17	1.24	1.22	.524	34.1	9.6	9.3	10.0	13.0	8.3	8.5	11.5	8.5	11.6	2.47	9.28	2.50	3.61
12-85-	29	2.32	4.8	0.88	1.18	1.25	1.23	.499	25.8	9.6	9.3	10.0	13.1	8.2	8.5	11.4	8.5	11.5	2.43	9.61	2.50	3.17
12-85-	30	11.55	52.3	0.90	1.16	1.22	1.21	.581	129.9	12.2	10.0	12.5	14.4	10.5	10.6	13.0	11.0	12.9	2.55	9.18	2.50	5.09
12-85-	31	9.26	42.4	0.90	1.16	1.23	1.22	.574	104.8	11.9	9.8	12.2	14.2	10.1	10.3	12.7	10.7	12.6	2.55	9.11	2.50	4.92
12-85-	32	6.88	31.4	0.90	1.17	1.24	1.23	.558	76.7	11.8	9.7	12.2	14.1	9.9	10.1	12.5	10.6	12.5	2.52	9.20	2.50	4.44
12-85-	33	23.04	99.6	0.92	1.12	1.17	1.17	.634	282.1	14.7	12.1	14.8	17.2	13.2	13.3	16.2	13.6	16.0	2.63	8.60	2.50	4.64
12-85-	34	17.03	73.2	0.91	1.13	1.19	1.18	.611	201.3	13.4	11.2	13.6	15.9	11.9	12.0	14.7	12.4	14.6	2.60	8.85	2.50	4.84
12-85-	35	13.22	59.9	0.91	1.15	1.21	1.20	.593	151.9	12.5	10.3	12.7	14.8	10.8	10.9	13.5	11.3	13.4	2.57	9.03	2.50	5.12
12-85-	36	5.58	25.7	0.90	1.18	1.26	1.24	.544	61.4	11.5	9.4	11.8	13.6	9.5	9.8	12.1	10.2	12.0	2.50	9.28	2.50	4.32
12-85-	37	4.45	20.2	0.89	1.19	1.28	1.25	.525	47.7	11.3	9.3	11.7	13.6	9.2	9.5	11.8	10.0	11.8	2.47	9.50	2.50	3.98
12-85-	38	3.74	16.5	0.89	1.21	1.29	1.27	.508	38.9	11.1	9.1	11.7	13.5	8.9	9.2	11.4	9.8	11.6	2.44	9.73	2.50	3.82
12-85-	39	3.01	12.7	0.88	1.21	1.30	1.28	.488	30.5	11.1	9.2	11.8	13.7	8.9	9.2	11.5	9.8	11.7	2.41	10.00	2.50	3.33
12-85-	40	16.01	26.8	0.92	1.10	1.14	1.13	.626	201.6	13.2	13.1	13.1	17.0	12.3	12.3	16.3	12.1	16.0	2.62	8.62	2.50	4.01
12-85-	41	16.00	26.1	0.92	1.11	1.14	1.14	.626	201.6	12.9	12.9	13.0	16.9	12.0	12.1	16.0	12.0	15.9	2.62	8.62	2.50	4.18
12-85-	42	12.24	26.1	0.91	1.12	1.17	1.16	.606	149.2	12.1	11.5	12.2	15.6	11.0	11.1	14.5	11.1	14.5	2.59	8.81	2.50	4.45
12-85-	43	9.30	19.8	0.90	1.13	1.18	1.18	.597	113.8	11.1	10.7	11.4	14.6	10.0	10.1	13.4	10.2	13.5	2.58	8.76	2.50	4.68
12-85-	44	5.10	11.5	0.89	1.15	1.21	1.19	.564	61.2	10.2	9.8	10.5	13.6	9.0	9.2	12.3	9.2	12.3	2.53	8.90	2.50	4.25
12-85-	45	3.86	8.8	0.89	1.15	1.22	1.20	.544	45.3	9.9	9.5	10.1	13.1	8.7	8.9	11.8	8.8	11.7	2.50	9.08	2.50	3.95
12-85-	46	2.95	6.4	0.89	1.16	1.23	1.21	.523	33.9	9.9	9.5	10.1	13.2	8.6	8.8	11.7	8.7	11.7	2.47	9.28	2.50	3.48
12-85-	47	26.49	47.7	0.93	1.08	1.12	1.12	.652	341.9	14.9	14.6	14.7	18.8	14.0	14.1	18.3	13.8	17.9	2.65	8.43	2.50	3.92
12-85-	48	15.09	36.5	0.92	1.10	1.14	1.14	.631	239.0	13.4	13.0	13.4	17.2	12.4	12.5	16.3	12.4	16.2	2.62	8.65	2.50	4.24
12-70-	49	8.56	0.0	0.0	0.0	0.0	0.0	.723	182.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.32	7.25		
12-70-	50	6.43	0.0	0.0	0.0	0.0	0.0	.709	135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.30	7.36		

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+h	H+R	H+RW	RH+	RH+R	AS	AR
12-70- 51	4.88	9.78	.01559	.03524	.0	.0	0.96	5.35	1.00	.710	.0438	.859	100.3	100.3	100.3	100.3	1.85	1.85	2.41	2.50
12-70- 52	3.88	7.64	.01571	.03494	.0	.0	0.96	5.05	1.00	.710	.0444	.854	79.3	79.3	79.3	79.3	1.93	1.93	2.41	2.50
12-70- 53	3.08	5.94	.01572	.03422	.0	.0	0.96	4.72	1.00	.710	.0451	.848	62.3	62.3	62.3	62.3	2.06	2.06	2.42	2.50
12-70- 54	2.41	4.52	.01552	.03274	.0	.0	0.96	4.30	1.00	.709	.0462	.839	47.7	47.7	47.7	47.7	2.32	2.32	2.42	2.50
12-70- 55	1.92	3.50	.01545	.03173	.0	.0	0.96	3.96	1.00	.709	.0475	.830	37.3	37.3	37.3	37.3	2.62	2.62	2.43	2.50
12-70- 56	1.13	1.91	.01507	.02843	.0	.0	0.97	3.17	1.00	.709	.0508	.808	20.9	20.9	20.9	20.9	3.34	3.34	2.44	2.50
12-70- 57	0.95	1.54	.01460	.02622	.0	.0	0.97	2.83	1.00	.709	.0525	.797	16.9	16.9	16.9	16.9	3.78	3.78	2.44	2.50
12-70- 58	0.77	1.19	.01414	.02398	.0	.0	0.98	2.47	1.00	.709	.0554	.782	13.1	13.1	13.1	13.1	4.50	4.50	2.45	2.50
12-70- 59	0.62	0.86	.01313	.02006	.0	.0	0.99	1.99	1.00	.709	.0658	.752	9.6	9.6	9.6	9.6	6.68	6.68	2.46	2.50
12-70- 60	0.51	0.69	.01291	.01812	.0	.0	0.99	1.73	1.00	.709	.0610	.749	7.7	7.7	7.7	7.7	5.74	5.74	2.45	2.50
12-70- 61	1.56	2.79	.01522	.03018	.0	.0	0.97	3.62	1.00	.710	.0481	.824	29.8	29.8	29.8	29.8	2.71	2.71	2.43	2.50
12-70- 62	1.25	2.14	.01468	.02763	.0	.0	0.97	3.18	1.00	.709	.0499	.812	22.9	22.9	22.9	22.9	3.18	3.18	2.43	2.50
12-70- 63	12.87	27.15	.01463	.03475	.0	.0	0.96	6.40	1.00	.711	.0421	.875	262.7	262.7	262.7	262.7	1.80	1.80	2.39	2.50
12-70- 64	10.51	21.96	.01481	.03484	.0	.0	0.96	6.17	1.00	.711	.0425	.872	214.8	214.8	214.8	214.8	1.80	1.80	2.40	2.50
12-70- 65	8.31	17.23	.01534	.03591	.0	.0	0.96	6.06	1.00	.710	.0427	.870	172.2	172.2	172.2	172.2	1.71	1.71	2.40	2.50
12-71- 66	3.06	5.47	.01416	.03001	.00707	.00618	0.96	4.26	1.29	.703	.0469	.835	56.4	37.4	58.3	38.7	2.71	2.43	2.42	2.50
12-71- 67	3.06	5.51	.01432	.03043	.00705	.00616	0.96	4.32	1.28	.703	.0467	.836	56.9	37.9	58.8	39.2	2.61	2.34	2.42	2.50
12-71- 68	4.05	7.50	.01437	.03148	.00699	.00613	0.96	4.73	1.29	.703	.0456	.844	76.6	50.2	79.3	52.0	2.42	2.14	2.41	2.50
12-71- 69	5.37	10.22	.01440	.03233	.00689	.00603	0.96	5.13	1.29	.703	.0447	.852	103.0	68.0	106.6	70.4	2.25	1.98	2.41	2.50
12-71- 70	7.28	14.24	.01442	.03316	.00663	.00582	0.96	5.58	1.30	.703	.0438	.860	141.8	92.5	146.9	95.8	2.09	1.82	2.40	2.50
12-71- 71	9.93	19.51	.01358	.03125	.00628	.00553	0.96	5.62	1.30	.703	.0437	.861	187.8	121.5	194.7	126.0	2.32	2.03	2.40	2.50
12-71- 72	12.62	25.00	.01318	.03044	.00609	.00536	0.96	5.75	1.30	.703	.0434	.863	235.6	153.1	244.2	158.7	2.41	2.12	2.40	2.50
12-71- 73	16.87	34.68	.01366	.03261	.00593	.00518	0.96	6.44	1.28	.702	.0424	.873	327.7	216.6	335.2	224.3	2.06	1.80	2.39	2.50
12-71- 74	22.86	46.82	.01248	.02947	.00543	.00474	0.96	6.22	1.28	.702	.0426	.871	423.2	282.0	437.8	291.7	2.48	2.21	2.39	2.50
12-71- 75	2.88	4.62	.01276	.02593	.00594	.00582	0.96	3.76	1.68	.695	.0493	.818	47.2	21.2	50.6	22.7	3.45	2.87	2.42	2.50
12-71- 76	3.72	6.27	.01317	.02810	.00613	.00601	0.96	4.27	1.68	.695	.0476	.830	63.9	28.3	68.5	30.4	3.00	2.43	2.41	2.50
12-71- 77	4.97	8.72	.01334	.02961	.00627	.00615	0.95	4.76	1.68	.695	.0463	.840	88.0	38.6	94.5	41.4	2.70	2.14	2.41	2.50
12-71- 78	6.61	11.99	.01343	.03062	.00622	.00612	0.95	5.19	1.69	.695	.0453	.849	119.6	51.7	128.6	55.5	2.50	1.94	2.40	2.50
12-71- 79	8.93	16.36	.01293	.02960	.00598	.00593	0.96	5.34	1.71	.695	.0449	.852	158.9	67.7	170.9	72.9	2.62	2.04	2.40	2.50
12-71- 80	11.24	20.90	.01274	.02944	.00584	.00579	0.96	5.55	1.71	.695	.0445	.855	199.8	85.1	215.0	91.5	2.61	2.03	2.40	2.50
12-71- 81	2.51	3.97	.01288	.02570	.00587	.00573	0.97	3.61	1.66	.695	.0498	.814	41.0	18.7	43.8	20.0	3.51	2.94	2.42	2.50
12-71- 82	15.00	28.99	.01302	.03091	.00573	.00563	0.96	6.11	1.69	.695	.0434	.864	275.6	118.8	296.3	127.6	2.35	1.78	2.39	2.50
12-71- 83	1.56	2.44	.01324	.02452	.00665	.00580	0.97	3.05	1.28	.703	.0519	.800	25.7	17.6	26.5	18.2	3.97	3.69	2.43	2.50
12-71- 84	1.11	1.28	.01074	.01560	.00439	.00424	1.02	1.88	1.63	.695	.0654	.740	13.6	6.9	14.4	7.3	7.38	6.72	2.45	2.50
12-71- 85	1.19	1.74	.01257	.02146	.00621	.00543	0.98	2.53	1.28	.703	.0553	.781	18.4	12.6	18.9	13.0	4.81	4.51	2.44	2.50
12-71- 86	1.40	1.80	.01150	.01876	.00513	.00493	1.00	2.35	1.62	.695	.0590	.765	18.9	9.5	20.1	10.1	5.87	5.27	2.43	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ 0.0	ST*/ 0.0	ST1*/ 0.0	STT*/ 0.0	ST1F/ 0.0	A1/AB	H+	G+	GPRI	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP	
12-70-	51	4.88	0.0	0.0	0.0	0.0	0.0	.693	100.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.28	7.53			
12-70-	52	3.88	0.0	0.0	0.0	0.0	0.0	.682	79.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.26	7.57			
12-70-	53	3.08	0.0	0.0	0.0	0.0	0.0	.670	62.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.24	7.64			
12-70-	54	2.41	0.0	0.0	0.0	0.0	0.0	.653	47.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.22	7.82			
12-70-	55	1.92	0.0	0.0	0.0	0.0	0.0	.635	37.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.19	7.94			
12-70-	56	1.13	0.0	0.0	0.0	0.0	0.0	.591	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.12	8.39			
12-70-	57	0.95	0.0	0.0	0.0	0.0	0.0	.571	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.08	8.73			
12-70-	58	0.77	0.0	0.0	0.0	0.0	0.0	.543	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.03	9.13			
12-70-	59	0.62	0.0	0.0	0.0	0.0	0.0	.489	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	9.98			
12-70-	60	0.51	0.0	0.0	0.0	0.0	0.0	.484	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.91	10.51			
12-70-	61	1.56	0.0	0.0	0.0	0.0	0.0	.623	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.17	8.14			
12-70-	62	1.25	0.0	0.0	0.0	0.0	0.0	.599	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.13	8.51			
12-70-	63	12.87	0.0	0.0	0.0	0.0	0.0	.724	262.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.32	7.59			
12-70-	64	10.51	0.0	0.0	0.0	0.0	0.0	.718	214.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.31	7.58			
12-70-	65	8.31	0.0	0.0	0.0	0.0	0.0	.714	172.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.30	7.46			
12-71-	66	3.06	10.2	0.91	1.12	1.15	1.14	1.22	.611	56.4	10.2	10.1	10.1	13.1	9.6	9.7	12.6	8.7	11.7	2.20	8.16	2.50	4.10
12-71-	67	3.06	10.1	0.91	1.12	1.15	1.14	1.21	.615	56.9	10.3	10.2	10.3	13.3	9.7	9.8	12.8	8.9	12.0	2.21	8.11	2.50	3.99
12-71-	68	4.05	13.7	0.91	1.12	1.14	1.14	1.20	.632	76.6	10.8	10.5	10.7	13.8	10.1	10.2	13.3	9.4	12.5	2.23	7.97	2.50	4.25
12-71-	69	5.37	17.3	0.91	1.11	1.13	1.13	1.19	.649	103.0	11.2	11.0	11.1	14.4	10.6	10.7	13.6	9.6	13.1	2.25	7.86	2.50	4.41
12-71-	70	7.28	23.2	0.92	1.10	1.13	1.12	1.17	.666	141.8	12.1	11.9	12.1	15.4	11.6	11.6	14.9	10.9	14.3	2.27	7.77	2.50	4.36
12-71-	71	9.93	30.6	0.92	1.11	1.12	1.12	1.16	.668	187.8	12.5	12.2	12.6	16.0	12.0	12.0	15.4	11.4	14.8	2.28	8.00	2.50	4.49
12-71-	72	12.62	37.6	0.92	1.11	1.13	1.13	1.16	.674	235.6	12.8	12.5	13.0	16.5	12.3	12.2	15.7	11.8	15.3	2.28	8.11	2.50	4.67
12-71-	73	16.87	47.5	0.93	1.09	1.10	1.11	1.14	.695	327.7	14.2	14.0	14.1	17.9	13.7	13.7	17.5	13.1	16.9	2.31	7.83	2.50	4.30
12-71-	74	22.86	58.1	0.93	1.09	1.10	1.10	1.14	.691	423.2	15.0	14.8	15.0	19.0	14.5	14.4	18.4	13.6	17.9	2.31	8.24	2.50	4.07
12-71-	75	2.88	23.6	0.90	1.16	1.20	1.20	1.24	.575	47.2	11.9	9.8	11.9	13.6	10.6	10.7	12.9	10.1	11.8	2.14	8.78	2.50	3.47
12-71-	76	3.72	31.6	0.90	1.15	1.19	1.18	1.22	.601	63.9	12.0	9.9	12.0	13.7	10.9	11.0	13.2	10.3	12.0	2.18	8.44	2.50	3.87
12-71-	77	4.97	43.4	0.91	1.14	1.17	1.16	1.21	.623	88.0	12.1	10.0	11.9	13.7	11.0	11.1	13.3	10.4	12.2	2.21	8.22	2.50	4.38
12-71-	78	6.61	58.0	0.91	1.13	1.16	1.16	1.20	.641	119.6	12.5	10.3	12.4	14.1	11.5	11.6	13.6	11.0	12.7	2.24	8.08	2.50	4.65
12-71-	79	8.93	76.1	0.91	1.13	1.16	1.16	1.19	.647	158.9	12.9	10.5	12.9	14.6	11.9	11.9	14.2	11.5	13.1	2.25	9.22	2.50	4.90
12-71-	80	11.24	93.5	0.91	1.13	1.15	1.15	1.18	.656	199.8	13.3	10.9	13.3	15.0	12.3	12.3	14.6	11.6	13.6	2.26	8.24	2.50	5.01
12-71-	81	2.51	19.8	0.90	1.16	1.20	1.20	1.24	.567	41.0	12.0	10.0	12.1	13.9	10.7	10.8	13.0	10.3	12.0	2.13	8.82	2.50	3.18
12-71-	82	15.00	121.3	0.92	1.11	1.13	1.14	1.16	.676	275.6	14.3	11.7	14.2	16.1	13.4	13.4	15.6	12.9	14.8	2.28	8.04	2.50	4.85
12-71-	83	1.56	4.7	0.88	1.18	1.21	1.21	1.27	.539	25.7	9.4	9.3	9.6	12.6	8.6	8.6	11.4	7.9	10.8	2.09	9.03	2.50	3.63
12-71-	84	1.11	6.0	0.86	1.27	1.32	1.33	1.32	.419	13.6	12.8	10.8	13.5	15.5	10.9	11.0	13.3	10.7	12.6	1.85	11.32	2.50	2.41
12-71-	85	1.19	3.4	0.87	1.19	1.23	1.23	1.30	.500	18.4	9.5	9.3	9.7	12.7	8.6	8.6	11.3	7.8	10.7	2.02	9.65	2.50	3.14
12-71-	86	1.40	8.9	0.87	1.25	1.29	1.30	1.30	.468	18.9	11.5	9.8	12.1	14.0	9.8	9.9	12.1	9.6	11.5	1.96	10.33	2.50	3.09

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/T8	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
15-85- 1	28.53	52.55	.00663	.01307	.0	.0	0.98	3.10	1.00	.706	-.0238	-.764	166.1	166.1	166.1	166.1	5.18	5.18	2.41	2.50
15-85- 2	23.14	42.18	.00680	.01325	.0	.0	0.98	3.02	1.00	.706	-.0239	-.761	135.7	135.7	135.7	135.7	5.10	5.10	2.41	2.50
15-85- 3	18.71	33.26	.00684	.01295	.0	.0	0.98	2.84	1.00	.707	-.0244	-.754	108.6	108.6	108.6	108.6	5.30	5.30	2.41	2.50
15-85- 4	15.07	26.61	.00709	.01332	.0	.0	0.98	2.80	1.00	.707	-.0245	-.752	88.8	88.8	88.8	88.8	5.13	5.13	2.41	2.50
15-85- 5	12.14	21.04	.00722	.01329	.0	.0	0.98	2.68	1.00	.708	-.0249	-.746	71.5	71.5	71.5	71.5	5.18	5.18	2.41	2.50
15-85- 6	9.91	16.89	.00737	.01328	.0	.0	0.98	2.58	1.00	.708	-.0252	-.741	58.4	58.4	58.4	58.4	5.21	5.21	2.41	2.50
15-85- 7	8.47	14.36	.00758	.01358	.0	.0	0.98	2.55	1.00	.709	-.0253	-.740	50.5	50.5	50.5	50.5	5.07	5.07	2.41	2.50
15-85- 8	7.17	12.00	.00771	.01360	.0	.0	0.98	2.47	1.00	.709	-.0256	-.736	42.8	42.8	42.8	42.8	5.09	5.09	2.41	2.50
15-85- 9	5.84	9.67	.00797	.01390	.0	.0	0.98	2.42	1.00	.709	-.0258	-.733	35.3	35.3	35.3	35.3	4.99	4.99	2.42	2.50
15-85-10	4.70	7.58	.00809	.01364	.0	.0	0.99	2.27	1.00	.708	-.0264	-.725	28.2	28.2	28.2	28.2	5.16	5.16	2.42	2.50
15-85-11	3.56	5.58	.00837	.01367	.0	.0	0.99	2.14	1.00	.707	-.0270	-.718	21.4	21.4	21.4	21.4	5.19	5.19	2.42	2.50
15-85-12	2.93	4.53	.00860	.01377	.0	.0	0.99	2.07	1.00	.707	-.0273	-.713	17.7	17.7	17.7	17.7	5.19	5.19	2.42	2.50
15-85-13	2.29	3.38	.00868	.01314	.0	.0	0.99	1.88	1.00	.707	-.0284	-.701	13.6	13.6	13.6	13.6	5.57	5.57	2.42	2.50
15-85-14	2.20	3.19	.00865	.01287	.0	.0	0.99	1.82	1.00	.707	-.0288	-.697	12.9	12.9	12.9	12.9	5.80	5.80	2.42	2.50
15-85-15	1.77	2.44	.00867	.01207	.0	.0	1.00	1.63	1.00	.707	-.0301	-.683	10.1	10.1	10.1	10.1	6.31	6.31	2.43	2.50
15-85-16	1.40	1.87	.00890	.01185	.0	.0	1.00	1.52	1.00	.707	-.0309	-.674	8.0	8.0	8.0	8.0	6.47	6.47	2.43	2.50
15-85-17	1.16	1.47	.00898	.01123	.0	.0	1.01	1.38	1.00	.707	-.0322	-.663	6.4	6.4	6.4	6.4	6.91	6.91	2.43	2.50
15-85-18	0.93	1.10	.00907	.01044	.0	.0	1.01	1.22	1.00	.707	-.0340	-.647	5.0	5.0	5.0	5.0	7.56	7.56	2.43	2.50
15-85-19	0.73	0.82	.00927	.00989	.0	.0	1.02	1.09	1.00	.707	-.0359	-.633	3.8	3.8	3.8	3.8	8.10	8.10	2.43	2.50
15-85-20	0.59	0.68	.00999	.01054	.0	.0	1.02	1.14	1.00	.707	-.0352	-.638	3.3	3.3	3.3	3.3	7.34	7.34	2.43	2.50
15-85-21	0.56	0.57	.01008	.01109	.00436	.00386	1.02	1.15	1.35	.703	-.0364	-.631	2.9	1.9	3.0	2.0	7.37	6.91	2.44	2.50
15-85-22	0.70	0.80	.01008	.01220	.00412	.00366	1.01	1.32	1.34	.704	-.0336	-.652	3.8	2.4	4.0	2.5	6.50	6.02	2.43	2.50
15-85-23	0.91	1.00	.00940	.01132	.00403	.00357	1.02	1.32	1.34	.704	-.0339	-.649	4.7	3.1	4.9	3.2	7.00	6.55	2.43	2.50
15-85-24	1.13	1.30	.00909	.01144	.00408	.00359	1.01	1.41	1.32	.704	-.0328	-.657	5.9	3.9	6.1	4.0	6.85	6.41	2.43	2.50
15-85-25	1.38	1.64	.00885	.01161	.00419	.00368	1.01	1.50	1.31	.704	-.0320	-.665	7.2	4.9	7.5	5.0	6.69	6.26	2.43	2.50
15-85-26	1.73	2.09	.00849	.01143	.00441	.00388	1.01	1.56	1.32	.703	-.0315	-.669	9.0	6.0	9.3	6.2	6.78	6.35	2.42	2.50
15-85-27	2.14	2.65	.00822	.01137	.00444	.00389	1.01	1.63	1.30	.703	-.0310	-.675	11.1	7.5	11.4	7.8	6.81	6.39	2.42	2.50
15-85-28	2.19	2.73	.00824	.01145	.00443	.00389	1.00	1.66	1.31	.704	-.0306	-.678	11.4	7.7	11.7	7.9	6.63	6.20	2.42	2.50
15-85-29	2.88	3.79	.00808	.01197	.00452	.00398	1.00	1.83	1.32	.704	-.0294	-.690	15.2	10.2	15.8	10.5	6.26	5.83	2.42	2.50
15-85-30	3.74	5.23	.00805	.01271	.00467	.00410	1.00	2.05	1.31	.705	-.0281	-.705	20.4	13.8	21.1	14.2	5.75	5.34	2.42	2.50
15-85-31	4.63	6.48	.00770	.01224	.00458	.00404	1.00	2.07	1.32	.705	-.0280	-.706	24.7	16.4	25.6	17.0	5.99	5.55	2.42	2.50
15-85-32	5.59	7.76	.00734	.01156	.00449	.00396	1.00	2.05	1.32	.706	-.0282	-.704	28.9	19.3	29.9	19.9	6.38	5.94	2.42	2.50
15-85-33	7.18	10.71	.00741	.01254	.00451	.00396	0.99	2.32	1.31	.706	-.0268	-.721	38.9	26.2	40.3	27.0	5.71	5.29	2.41	2.50
15-85-34	8.39	12.64	.00727	.01246	.00442	.00389	0.99	2.38	1.32	.705	-.0265	-.724	45.3	29.9	46.9	31.0	5.73	5.30	2.41	2.50
15-85-35	9.62	14.55	.00708	.01220	.00436	.00385	0.99	2.40	1.33	.705	-.0264	-.725	51.4	33.7	53.2	34.9	5.86	5.41	2.41	2.50
15-85-36	11.98	18.64	.00694	.01226	.00423	.00377	0.99	2.51	1.31	.705	-.0260	-.732	64.4	42.7	66.7	44.2	5.78	5.35	2.41	2.50
15-85-37	14.97	23.61	.00672	.01202	.00420	.00369	0.99	2.58	1.31	.705	-.0257	-.735	79.8	53.1	82.5	54.9	5.88	5.45	2.41	2.50
15-85-38	18.60	30.08	.00660	.01208	.00408	.00357	0.99	2.69	1.30	.704	-.0253	-.741	99.6	66.6	103.0	68.9	5.81	5.39	2.41	2.50
15-85-39	21.91	36.06	.00651	.01211	.00396	.00347	0.99	2.78	1.30	.704	-.0250	-.745	117.7	79.0	121.7	81.6	5.77	5.34	2.41	2.50
15-85-40	27.09	45.89	.00645	.01231	.00382	.00334	0.99	2.93	1.29	.704	-.0245	-.753	147.2	99.1	152.1	102.4	5.61	5.20	2.41	2.50
15-85-41	2.25	2.01	.00753	.00851	.00350	.00356	1.06	1.27	1.84	.700	-.0362	-.633	8.9	4.1	9.5	4.3	9.22	8.22	2.42	2.50
15-85-42	2.78	2.93	.00747	.00930	.00364	.00368	1.04	1.44	1.83	.701	-.0334	-.654	12.2	5.2	13.1	5.6	8.33	7.31	2.42	2.50
15-85-43	3.38	3.29	.00720	.00897	.00372	.00376	1.05	1.46	1.83	.701	-.0338	-.651	13.7	6.3	14.7	6.7	8.65	7.68	2.42	2.50
15-85-44	4.32	4.59	.00719	.00981	.00387	.00392	1.04	1.68	1.83	.701	-.0317	-.668	18.4	8.3	19.7	8.9	7.83	6.88	2.42	2.50
15-85-45	5.39	5.97	.00699	.00998	.00393	.00398	1.03	1.79	1.83	.702	-.0309	-.677	23.3	10.4	25.0	11.1	7.63	6.68	2.42	2.50
15-85-46	6.74	8.03	.00698	.01065	.00398	.00401	1.02	1.99	1.81	.702	-.0294	-.691	30.5	13.5	32.7	14.5	7.05	6.13	2.41	2.50
15-85-47	8.02	9.74	.00681	.01058	.00394	.00397	1.02	2.05	1.81	.702	-.0291	-.695	36.3	15.9	38.9	17.1	7.07	6.13	2.41	2.50
15-85-48	8.95	11.09	.00676	.01073	.00393	.00397	1.02	2.12	1.82	.701	-.0287	-.700	40.8	17.8	43.8	19.1	6.93	5.99	2.41	2.50
15-85-49	11.54	15.00	.00662	.01093	.00390	.00392	1.01	2.27	1.80	.701	-.0278	-.709	53.6	23.3	57.6	25.1	6.73	5.80	2.41	2.50
15-85-50	14.46	18.80	.00634	.01052	.00383	.00387	1.01	2.29	1.82	.702	-.0278	-.710	65.7	28.3	70.7	30.4	7.00	6.03	2.41	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	ST1F /	A1/AB	H+	G+	GPRI	G*	G*R	G*1	CT	GTR	GTF	GTFR	X	YR	AH	TP	
15-85-	1	28.53	0.0	0.0	0.0	0.0	0.0	.584	166.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.91	12.37			
15-85-	2	23.14	0.0	0.0	0.0	0.0	0.0	.579	135.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.90	12.28			
15-85-	3	18.71	0.0	0.0	0.0	0.0	0.0	.568	108.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.88	12.43			
15-85-	4	15.07	0.0	0.0	0.0	0.0	0.0	.565	88.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.87	12.26			
15-85-	5	12.14	0.0	0.0	0.0	0.0	0.0	.557	71.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.86	12.27			
15-85-	6	9.91	0.0	0.0	0.0	0.0	0.0	.550	58.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.84	12.27			
15-85-	7	8.47	0.0	0.0	0.0	0.0	0.0	.548	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.84	12.14			
15-85-	8	7.17	0.0	0.0	0.0	0.0	0.0	.542	42.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.83	12.13			
15-85-	9	5.84	0.0	0.0	0.0	0.0	0.0	.537	35.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.82	11.99			
15-85-	10	4.70	0.0	0.0	0.0	0.0	0.0	.526	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.79	12.11			
15-85-	11	3.56	0.0	0.0	0.0	0.0	0.0	.516	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.77	12.10			
15-85-	12	2.93	0.0	0.0	0.0	0.0	0.0	.509	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.75	12.05			
15-85-	13	2.29	0.0	0.0	0.0	0.0	0.0	.492	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.71	12.34			
15-85-	14	2.20	0.0	0.0	0.0	0.0	0.0	.485	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.70	12.47			
15-85-	15	1.77	0.0	0.0	0.0	0.0	0.0	.466	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.65	12.87			
15-85-	16	1.40	0.0	0.0	0.0	0.0	0.0	.455	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.62	12.99			
15-85-	17	1.16	0.0	0.0	0.0	0.0	0.0	.439	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.57	13.34			
15-85-	18	0.93	0.0	0.0	0.0	0.0	0.0	.419	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.51	13.84			
15-85-	19	0.73	0.0	0.0	0.0	0.0	0.0	.401	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.45	14.22			
15-85-	20	0.59	0.0	0.0	0.0	0.0	0.0	.407	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.48	13.52			
15-85-	21	0.56	1.0	0.85	1.24	1.36	1.34	1.35	.298	2.9	8.4	8.0	8.9	11.8	6.5	6.7	9.1	6.5	9.4	2.44	13.43	2.50	1.51
15-85-	22	0.70	1.1	0.86	1.21	1.32	1.32	1.28	.329	3.8	10.0	9.6	10.7	13.9	8.1	8.2	11.0	8.5	11.7	2.53	12.81	2.50	1.20
15-85-	23	0.91	1.4	0.86	1.23	1.32	1.32	1.29	.325	4.7	9.8	9.3	10.4	13.7	7.9	8.0	10.7	8.1	11.3	2.52	13.29	2.50	1.35
15-85-	24	1.13	1.7	0.86	1.22	1.31	1.31	1.29	.338	5.9	9.7	9.3	10.3	13.5	7.9	7.9	10.7	8.0	11.2	2.55	13.22	2.50	1.48
15-85-	25	1.38	2.1	0.86	1.21	1.25	1.30	1.29	.350	7.2	9.3	9.0	9.8	13.0	7.7	7.6	10.3	7.7	10.8	2.58	13.12	2.50	1.69
15-85-	26	1.73	2.8	0.85	1.23	1.31	1.33	1.31	.356	9.0	8.2	7.9	8.7	11.7	6.7	6.5	9.0	6.6	9.5	2.60	13.23	2.50	2.33
15-85-	27	2.14	3.3	0.85	1.23	1.30	1.33	1.31	.365	11.1	8.0	7.8	8.5	11.5	6.5	6.3	8.5	6.4	9.4	2.62	13.26	2.50	2.65
15-85-	28	2.19	3.4	0.85	1.22	1.30	1.32	1.30	.369	11.4	8.1	7.9	8.6	11.7	6.6	6.4	9.0	6.6	9.5	2.63	13.19	2.50	2.55
15-85-	29	2.88	4.6	0.86	1.22	1.29	1.32	1.29	.389	15.2	8.0	7.7	8.6	11.5	6.6	6.3	8.9	6.6	9.5	2.67	12.93	2.50	2.98
15-85-	30	3.74	6.0	0.86	1.22	1.29	1.32	1.27	.413	20.4	7.8	7.6	8.5	11.5	6.4	6.2	8.8	6.6	9.5	2.72	12.54	2.50	3.52
15-85-	31	4.63	7.6	0.86	1.22	1.29	1.32	1.27	.415	24.7	7.9	7.6	8.5	11.4	6.5	6.1	8.7	6.6	9.5	2.73	12.78	2.50	3.80
15-85-	32	5.59	8.7	0.85	1.23	1.30	1.33	1.28	.412	28.9	7.7	7.4	8.4	11.3	6.2	6.0	8.5	6.5	9.3	2.72	13.15	2.50	4.19
15-85-	33	7.18	10.8	0.86	1.20	1.26	1.30	1.25	.440	38.9	8.3	8.0	8.9	11.9	7.0	6.6	9.3	7.1	10.1	2.78	12.63	2.50	4.18
15-85-	34	8.39	13.0	0.87	1.20	1.26	1.30	1.24	.446	45.3	8.6	8.3	9.2	12.2	7.3	6.8	9.6	7.4	10.5	2.79	12.67	2.50	4.22
15-85-	35	9.62	14.9	0.87	1.19	1.25	1.29	1.24	.447	51.4	8.6	8.3	9.2	12.3	7.3	6.9	9.7	7.5	10.5	2.79	12.80	2.50	4.35
15-85-	36	11.98	17.7	0.87	1.18	1.24	1.28	1.23	.458	64.4	9.0	8.7	9.5	12.7	7.7	7.3	10.1	7.9	11.0	2.81	12.77	2.50	4.42
15-85-	37	14.97	21.6	0.88	1.18	1.23	1.27	1.22	.464	79.8	9.1	8.8	9.6	12.9	7.9	7.4	10.3	8.0	11.2	2.82	12.90	2.50	4.63
15-85-	38	18.60	25.7	0.88	1.17	1.22	1.26	1.21	.474	99.6	9.7	9.4	10.2	13.6	8.5	8.0	11.0	8.7	12.0	2.84	12.87	2.50	4.53
15-85-	39	21.91	29.4	0.88	1.17	1.21	1.25	1.20	.482	117.7	10.2	10.0	10.8	14.3	9.0	8.5	11.7	9.3	12.7	2.85	12.85	2.50	4.36
15-85-	40	27.09	34.4	0.89	1.16	1.20	1.24	1.18	.494	147.2	11.1	10.8	11.6	15.3	9.9	9.4	12.8	10.1	13.8	2.87	12.75	2.50	4.09
15-85-	41	2.25	8.4	0.86	1.35	1.47	1.48	1.33	.300	8.9	9.9	7.7	11.2	12.2	6.7	6.6	8.2	7.8	9.8	2.45	15.33	2.50	2.55
15-85-	42	2.78	10.4	0.85	1.30	1.44	1.47	1.30	.332	12.2	9.7	7.5	11.0	12.1	6.7	6.5	8.2	8.1	9.3	2.53	14.67	2.50	2.77
15-85-	43	3.38	12.9	0.86	1.34	1.45	1.48	1.33	.326	13.7	9.2	7.1	10.4	11.4	6.2	6.0	7.6	7.2	8.2	2.52	14.93	2.50	3.46
15-85-	44	4.32	17.1	0.86	1.32	1.41	1.46	1.31	.354	18.4	9.2	7.1	10.3	11.3	6.4	6.0	7.7	7.3	8.3	2.59	14.28	2.50	3.91
15-85-	45	5.39	21.1	0.86	1.31	1.40	1.44	1.31	.367	23.3	9.0	7.0	10.0	11.0	6.3	6.0	7.6	7.1	8.2	2.62	14.15	2.50	4.41
15-85-	46	6.74	26.0	0.87	1.29	1.37	1.42	1.29	.390	30.5	9.3	7.3	10.2	11.3	6.7	6.3	8.0	7.5	9.7	2.67	13.70	2.50	4.59
15-85-	47	8.02	30.8	0.87	1.28	1.36	1.41	1.28	.396	36.3	9.4	7.3	10.3	11.4	6.9	6.4	8.2	7.7	8.8	2.69	13.75	2.50	4.76
15-85-	48	8.95	34.6	0.87	1.27	1.35	1.40	1.28	.404	40.8	9.6	7.4	10.4	11.5	7.0	6.6	8.3	7.8	9.0	2.70	13.66	2.50	4.85
15-85-	49	11.54	43.6	0.88	1.25	1.33	1.38	1.26	.419	53.6	9.8	7.7	10.6	11.9	7.4	6.9	8.7	8.2	9.4	2.73	13.53	2.50	5.04
15-85-	50	14.46	54.1	0.88	1.25	1.33	1.38	1.26	.421	65.7	9.8	7.6	10.5	11.8	7.4	6.9	8.6	8.2	9.3	2.74	13.79	2.50	5.45

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+h	H+R	H+RW	RH+	RH+R	AS	AR
15-85- 51	18.08	24.34	.00622	.01062	.00374	.00378	1.01	2.41	1.82	.702	-.0272	.717	83.1	35.5	89.4	38.1	6.88	5.91	2.41	2.50
15-85- 52	22.65	32.16	.00620	.01105	.00368	.00371	1.00	2.60	1.81	.701	-.0264	.728	107.5	45.6	115.6	49.1	6.52	5.57	2.41	2.50
15-85- 53	26.60	38.42	.00609	.01098	.00358	.00361	1.00	2.66	1.81	.701	-.0261	.731	126.3	53.3	136.0	57.4	6.54	5.58	2.41	2.50
15-85- 54	2.16	1.89	.00764	.00848	.00346	.00355	1.07	1.26	1.88	.702	-.0368	.630	8.4	3.8	5.0	4.1	9.42	8.41	2.43	2.50
15-85- 55	1.72	1.46	.00797	.00849	.00337	.00344	1.08	1.19	1.86	.701	-.0377	.624	6.7	3.1	7.2	3.3	9.48	8.49	2.43	2.50
15-85- 56	1.35	1.13	.00830	.00875	.00329	.00335	1.09	1.17	1.85	.700	-.0386	.621	5.3	2.5	5.7	2.7	9.60	8.65	2.49	2.50
15-85- 57	1.12	0.82	.00826	.00767	.00322	.00327	1.11	0.98	1.84	.699	-.0446	.596	4.0	2.0	4.3	2.11	1.59	10.61	2.49	2.50
15-85- 58	0.90	0.65	.00881	.00816	.00328	.00331	1.12	0.98	1.82	.699	-.0486	.592	3.3	1.6	3.5	1.71	2.05	11.15	2.49	2.50
15-70- 61	17.90	30.97	.00759	.01408	.0	.0	0.98	3.03	1.00	.707	-.0320	.805	150.7	150.7	150.7	150.7	5.49	5.49	2.41	2.50
15-70- 62	14.28	24.30	.00773	.01407	.0	.0	0.98	2.90	1.00	.707	-.0325	.801	120.2	120.2	120.2	120.2	5.53	5.53	2.41	2.50
15-70- 63	11.22	18.92	.00862	.01445	.0	.0	0.98	2.84	1.00	.708	-.0327	.798	95.8	95.8	95.8	95.8	5.39	5.39	2.42	2.50
15-70- 64	9.29	15.48	.00818	.01456	.0	.0	0.98	2.75	1.00	.708	-.0330	.795	79.6	79.6	79.6	79.6	5.38	5.38	2.42	2.50
15-70- 65	7.92	13.01	.00828	.01449	.0	.0	0.98	2.66	1.00	.709	-.0334	.791	67.8	67.8	67.8	67.8	5.44	5.44	2.42	2.50
15-70- 66	6.54	10.67	.00855	.01485	.0	.0	0.98	2.61	1.00	.709	-.0336	.789	56.7	56.7	56.7	56.7	5.31	5.31	2.42	2.50
15-70- 67	5.16	8.15	.00872	.01481	.0	.0	0.98	2.48	1.00	.710	-.0348	.780	44.4	44.4	44.4	44.4	5.69	5.69	2.42	2.50
15-70- 68	4.37	6.85	.00886	.01477	.0	.0	0.98	2.39	1.00	.710	-.0348	.778	37.7	37.7	37.7	37.7	5.50	5.50	2.42	2.50
15-70- 69	3.75	5.84	.00907	.01499	.0	.0	0.98	2.35	1.00	.709	-.0350	.776	32.7	32.7	32.7	32.7	5.43	5.43	2.43	2.50
15-70- 70	2.98	4.51	.00923	.01478	.0	.0	0.98	2.20	1.00	.709	-.0359	.769	25.8	25.8	25.8	25.8	5.59	5.59	2.43	2.50
15-70- 71	2.54	3.79	.00940	.01480	.0	.0	0.99	2.13	1.00	.709	-.0365	.764	22.0	22.0	22.0	22.0	5.70	5.70	2.43	2.50
15-70- 72	2.08	3.00	.00950	.01444	.0	.0	0.99	1.99	1.00	.709	-.0374	.757	17.8	17.8	17.8	17.8	5.93	5.93	2.43	2.50
15-70- 73	1.71	2.41	.00967	.01427	.0	.0	0.99	1.88	1.00	.709	-.0383	.750	14.6	14.6	14.6	14.6	6.07	6.07	2.43	2.50
15-70- 74	1.38	1.83	.00952	.01308	.0	.0	0.99	1.65	1.00	.709	-.0406	.735	11.3	11.3	11.3	11.3	6.87	6.87	2.43	2.50
15-70- 75	1.97	2.55	.00935	.01422	.00470	.00416	0.99	1.97	1.33	.704	-.0398	.744	15.6	10.2	16.2	10.5	6.58	6.15	2.44	2.50
15-70- 76	2.42	3.29	.00928	.01460	.00475	.00421	0.99	2.11	1.33	.704	-.0379	.755	19.7	12.7	20.4	13.2	5.98	5.55	2.43	2.50
15-70- 77	1.52	1.57	.00893	.01162	.00351	.00356	1.03	1.55	1.78	.697	-.0457	.712	10.2	4.5	10.9	4.9	8.29	7.39	2.44	2.50
15-70- 78	1.82	1.92	.00863	.01150	.00371	.00375	1.02	1.61	1.77	.697	-.0437	.718	12.1	5.4	13.0	5.8	7.90	7.02	2.44	2.50
15-70- 79	2.28	2.39	.00816	.01085	.00393	.00396	1.02	1.61	1.76	.698	-.0433	.718	14.7	6.7	15.7	7.2	8.10	7.21	2.43	2.50
15-70- 80	2.87	4.01	.00920	.01489	.00477	.00423	0.98	2.23	1.33	.704	-.0368	.763	23.6	15.2	24.5	15.8	5.70	5.28	2.43	2.50
15-70- 81	3.58	5.02	.00871	.01409	.00470	.00419	0.98	2.23	1.34	.704	-.0365	.764	28.7	18.2	29.8	18.9	5.87	5.42	2.42	2.50
15-70- 82	4.21	5.99	.00853	.01397	.00467	.00416	0.98	2.29	1.34	.704	-.0360	.768	33.7	21.5	35.0	22.3	5.87	5.42	2.42	2.50
15-70- 83	4.95	7.15	.00837	.01392	.00468	.00416	0.98	2.36	1.33	.705	-.0356	.771	39.6	25.3	41.1	26.2	5.86	5.42	2.42	2.50
15-70- 84	6.34	9.35	.00815	.01385	.00458	.00408	0.98	2.48	1.34	.705	-.0350	.776	50.5	32.0	52.5	33.3	5.84	5.39	2.42	2.50
15-70- 85	7.80	11.77	.00802	.01396	.00448	.00400	0.98	2.60	1.35	.705	-.0344	.782	62.5	38.8	65.0	40.4	5.75	5.28	2.42	2.50
15-70- 86	9.32	14.26	.00784	.01378	.00435	.00388	0.98	2.66	1.34	.705	-.0341	.785	74.4	46.6	77.4	48.4	5.80	5.33	2.42	2.50
15-70- 87	11.31	17.46	.00766	.01359	.00428	.00382	0.98	2.73	1.35	.705	-.0338	.788	89.5	55.6	93.1	57.8	5.96	5.38	2.42	2.50
15-70- 88	2.70	3.03	.00822	.01167	.00398	.00402	1.00	1.79	1.77	.698	-.0409	.732	18.3	8.1	19.6	8.7	7.35	6.47	2.43	2.50
15-70- 89	3.42	4.03	.00808	.01206	.00410	.00414	1.00	1.94	1.76	.699	-.0396	.741	23.6	10.4	25.3	11.2	7.05	6.18	2.42	2.50
15-70- 90	4.01	4.82	.00801	.01216	.00412	.00415	1.00	2.02	1.76	.699	-.0389	.746	27.8	12.3	29.8	13.2	6.96	6.10	2.42	2.50
15-70- 91	4.73	5.88	.00791	.01248	.00413	.00417	0.99	2.15	1.77	.699	-.0380	.753	33.4	14.5	35.8	15.6	6.72	5.85	2.42	2.50
15-70- 92	5.90	7.48	.00766	.01235	.00403	.00409	0.99	2.23	1.78	.699	-.0375	.757	41.5	17.7	44.7	19.0	6.75	5.85	2.42	2.50
15-70- 93	7.29	9.68	.00763	.01286	.00403	.00410	0.98	2.42	1.78	.700	-.0363	.767	52.7	22.1	56.8	23.8	6.39	5.50	2.42	2.50
15-70- 94	8.73	11.71	.00745	.01265	.00408	.00413	0.98	2.47	1.76	.700	-.0360	.769	62.6	26.7	67.4	28.8	6.48	5.60	2.42	2.50
15-70- 95	10.70	14.27	.00713	.01209	.00398	.00406	0.98	2.46	1.79	.700	-.0361	.769	74.8	31.2	80.6	33.7	6.77	5.84	2.42	2.50
15-70- 96	13.89	21.83	.00745	.01334	.00420	.00371	0.98	2.78	1.32	.704	-.0335	.791	109.5	70.8	113.6	73.4	5.94	5.50	2.41	2.50
15-70- 97	17.26	27.73	.00732	.01334	.00404	.00355	0.98	2.90	1.31	.704	-.0330	.796	136.5	89.3	141.5	92.5	5.91	5.48	2.41	2.50
15-70- 98	23.88	39.24	.00709	.01316	.00383	.00337	0.98	3.03	1.30	.703	-.0325	.801	188.0	123.2	194.8	127.6	5.95	5.52	2.41	2.50
15-70- 99	13.38	18.55	.00703	.01222	.00392	.00395	0.98	2.59	1.76	.699	-.0353	.775	95.0	40.6	102.2	43.7	6.64	5.74	2.41	2.50
15-70-100	17.07	24.42	.00690	.01226	.00381	.00382	0.98	2.72	1.74	.699	-.0346	.781	122.3	52.3	131.6	56.3	6.57	5.68	2.41	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPRI	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP		
15-85-51	18.08	66.4	0.88	1.24	1.31	1.37	1.25	.432	83.1	10.3	8.0	11.0	12.3	7.9	7.4	9.2	8.7	9.9	2.76	13.72	2.50	5.42
15-85-52	22.65	81.7	0.89	1.22	1.29	1.34	1.23	.451	107.5	10.9	8.6	11.6	13.0	8.6	8.1	10.0	9.4	10.8	2.79	13.46	2.50	5.26
15-85-53	26.60	93.6	0.89	1.22	1.28	1.33	1.22	.457	126.3	11.4	8.9	12.1	13.5	9.1	8.5	10.5	9.9	11.3	2.81	13.49	2.50	5.12
15-85-54	2.16	7.9	0.86	1.37	1.47	1.50	1.33	.296	8.4	10.1	7.7	11.6	12.4	6.8	6.5	8.1	8.1	8.8	2.43	15.36	2.50	2.60
15-85-55	1.72	6.1	0.86	1.37	1.49	1.50	1.32	.287	6.7	10.6	8.1	12.3	13.2	7.1	7.0	8.7	8.6	9.5	2.40	15.35	2.50	2.19
15-85-56	1.35	4.8	0.86	1.38	1.49	1.49	1.31	.283	5.3	11.3	8.7	13.1	14.2	7.7	7.7	9.5	9.3	10.3	2.38	15.12	2.50	1.99
15-85-57	1.12	3.9	0.83	1.49	1.67	1.63	1.38	.246	4.0	10.5	8.1	12.4	13.4	6.4	6.9	8.6	8.3	9.3	2.25	16.14	2.50	3.28
15-85-58	0.90	3.2	0.80	1.62	2.01	1.82	1.40	.241	3.3	10.5	8.2	12.6	13.7	5.6	7.1	8.8	8.4	9.5	2.20	15.66	2.50	8.15
15-70-61	17.90	0.0	0.0	0.0	0.0	0.0	0.0	.590	150.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.58	11.92		
15-70-62	14.28	0.0	0.0	0.0	0.0	0.0	0.0	.581	120.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.56	11.92		
15-70-63	11.22	0.0	0.0	0.0	0.0	0.0	0.0	.576	95.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.56	11.76		
15-70-64	9.29	0.0	0.0	0.0	0.0	0.0	0.0	.570	79.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.55	11.72		
15-70-65	7.92	0.0	0.0	0.0	0.0	0.0	0.0	.563	67.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.53	11.75		
15-70-66	6.54	0.0	0.0	0.0	0.0	0.0	0.0	.559	56.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.53	11.60		
15-70-67	5.16	0.0	0.0	0.0	0.0	0.0	0.0	.542	44.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.49	11.62		
15-70-68	4.37	0.0	0.0	0.0	0.0	0.0	0.0	.540	37.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.49	11.64		
15-70-69	3.75	0.0	0.0	0.0	0.0	0.0	0.0	.536	32.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.48	11.55		
15-70-70	2.98	0.0	0.0	0.0	0.0	0.0	0.0	.523	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.46	11.63		
15-70-71	2.54	0.0	0.0	0.0	0.0	0.0	0.0	.515	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.44	11.62		
15-70-72	2.08	0.0	0.0	0.0	0.0	0.0	0.0	.501	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.41	11.77		
15-70-73	1.71	0.0	0.0	0.0	0.0	0.0	0.0	.490	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.39	11.84		
15-70-74	1.38	0.0	0.0	0.0	0.0	0.0	0.0	.463	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.33	12.37		
15-70-75	1.97	4.7	0.88	1.19	1.23	1.26	1.33	.435	15.6	9.7	9.3	9.8	12.7	8.6	8.4	11.1	7.6	10.5	2.35	11.86	2.50	2.51
15-70-76	2.42	5.9	0.89	1.17	1.20	1.23	1.30	.456	19.7	9.9	9.5	9.9	12.9	8.9	8.6	11.3	7.9	10.8	2.40	11.70	2.50	2.45
15-70-77	1.52	7.5	0.88	1.26	1.32	1.35	1.31	.374	10.2	13.3	10.6	14.2	15.4	10.7	10.7	12.6	11.0	12.2	2.21	13.12	2.50	1.53
15-70-78	1.82	9.4	0.88	1.25	1.31	1.34	1.32	.386	12.1	12.3	9.7	12.9	14.2	9.9	9.7	11.6	9.9	11.1	2.25	13.19	2.50	1.78
15-70-79	2.28	12.2	0.87	1.27	1.33	1.37	1.34	.386	14.7	10.7	8.6	11.3	12.5	8.5	8.2	9.9	8.3	9.4	2.25	13.58	2.50	2.55
15-70-80	2.87	7.0	0.89	1.16	1.19	1.22	1.28	.470	23.6	10.0	9.6	10.0	13.0	9.1	8.8	11.5	8.0	11.0	2.43	11.59	2.50	2.54
15-70-81	3.58	8.9	0.89	1.15	1.19	1.22	1.28	.474	28.7	9.9	9.4	9.9	12.8	8.9	8.6	11.3	7.9	10.7	2.44	11.91	2.50	2.78
15-70-82	4.21	10.2	0.89	1.15	1.19	1.22	1.27	.480	33.7	9.9	9.4	9.9	12.8	8.9	8.6	11.3	7.9	10.8	2.45	11.97	2.50	2.95
15-70-83	4.95	11.9	0.90	1.15	1.18	1.21	1.27	.487	39.6	9.8	9.4	9.8	12.7	8.9	8.5	11.3	7.9	10.8	2.46	11.99	2.50	3.16
15-70-84	6.34	15.0	0.90	1.15	1.18	1.21	1.26	.497	50.5	10.1	9.7	10.1	13.1	9.3	8.8	11.6	8.2	11.2	2.48	12.02	2.50	3.31
15-70-85	7.80	18.8	0.90	1.14	1.17	1.20	1.25	.508	62.5	10.6	10.1	10.6	13.6	9.7	9.3	12.1	8.7	11.7	2.50	11.97	2.50	3.33
15-70-86	9.32	21.1	0.91	1.13	1.16	1.19	1.23	.514	74.4	11.0	10.5	11.0	14.1	10.1	9.7	12.6	9.2	12.2	2.51	12.05	2.50	3.30
15-70-87	11.31	26.0	0.90	1.14	1.16	1.20	1.23	.519	89.5	11.1	10.6	11.2	14.3	10.3	9.8	12.7	9.4	12.4	2.52	12.13	2.50	3.49
15-70-88	2.70	14.6	0.88	1.24	1.29	1.33	1.32	.411	18.3	11.2	8.9	11.7	12.8	9.1	8.7	10.5	8.8	9.9	2.31	13.09	2.50	2.46
15-70-89	3.42	18.5	0.88	1.23	1.28	1.32	1.31	.429	23.6	10.9	8.7	11.2	12.4	9.0	8.5	10.3	8.5	9.7	2.35	12.88	2.50	2.85
15-70-90	4.01	21.9	0.88	1.23	1.28	1.32	1.30	.438	27.8	10.8	8.6	11.3	12.5	9.0	8.4	10.2	8.6	9.7	2.37	12.82	2.50	3.11
15-70-91	4.73	26.2	0.89	1.22	1.26	1.30	1.30	.451	33.4	11.0	8.7	11.3	12.5	9.2	8.7	10.5	8.8	9.9	2.39	12.66	2.50	3.21
15-70-92	5.90	32.4	0.89	1.21	1.25	1.29	1.29	.459	41.5	11.4	9.0	11.6	12.7	9.6	9.1	10.8	9.1	10.2	2.41	12.73	2.50	3.28
15-70-93	7.29	39.9	0.90	1.19	1.23	1.27	1.27	.477	52.7	11.7	9.3	11.8	13.0	10.1	9.6	11.3	9.5	10.6	2.44	12.47	2.50	3.38
15-70-94	8.73	47.2	0.89	1.19	1.23	1.28	1.28	.482	62.6	11.3	9.0	11.5	12.7	9.7	9.1	10.9	9.1	10.3	2.45	12.58	2.50	3.84
15-70-95	10.70	58.5	0.89	1.20	1.24	1.28	1.28	.481	74.8	11.4	8.9	11.5	12.6	9.7	9.1	10.8	9.2	10.2	2.45	12.86	2.50	4.11
15-70-96	13.89	29.1	0.90	1.13	1.16	1.19	1.22	.526	109.5	11.3	10.9	11.4	14.7	10.5	10.0	13.1	9.6	12.9	2.53	12.24	2.50	3.57
15-70-97	17.26	33.7	0.91	1.12	1.15	1.18	1.21	.535	136.5	12.0	11.7	12.1	15.6	11.3	10.8	14.0	10.4	13.5	2.55	12.25	2.50	3.38
15-70-98	23.88	44.2	0.91	1.12	1.14	1.17	1.19	.547	188.0	12.9	12.6	13.0	16.7	12.1	11.6	15.1	11.4	15.0	2.56	12.33	2.50	3.30
15-70-99	13.38	71.2	0.90	1.18	1.22	1.26	1.26	.495	95.0	11.7	9.4	11.9	13.2	10.2	9.6	11.5	9.7	10.9	2.47	12.79	2.50	4.09
15-70-100	17.07	86.7	0.90	1.17	1.20	1.25	1.24	.506	122.3	12.3	9.9	12.5	13.9	10.9	10.3	12.2	10.3	11.7	2.49	12.77	2.50	4.00

Table 5 cont.

RUN NO.	RE*E4	REL*E4	F	F1	STB	STPR	U1/UB	FL/F2	TW/TB	PR	H/Y	BETA	H+	H+h	H+R	H+RW	RH+	RH+R	AS	AR
15-70-101	22.01	32.13	.00671	.01206	.00370	.00370	0.98	2.80	1.73	.698	.0342	.786	157.1	67.9	168.8	72.9	6.64	5.75	2.41	2.50
15-50-102	15.44	26.02	.01059	.01948	.0	.0	0.97	3.90	1.00	.711	.0602	.900	321.4	321.4	321.4	321.4	5.41	5.41	2.42	2.50
15-50-103	12.67	21.16	.01079	.01966	.0	.0	0.97	3.79	1.00	.711	.0607	.898	264.8	264.8	264.8	264.8	5.38	5.38	2.42	2.50
15-50-104	9.63	15.91	.01109	.02000	.0	.0	0.97	3.65	1.00	.710	.0613	.895	203.1	203.1	203.1	203.1	5.32	5.32	2.42	2.50
15-50-105	26.37	45.44	.01014	.01907	.0	.0	0.97	4.22	1.00	.705	.0591	.905	542.7	542.7	542.7	542.7	5.47	5.47	2.41	2.50
15-50-106	19.48	33.20	.01045	.01945	.0	.0	0.97	4.07	1.00	.704	.0596	.902	404.8	404.8	404.8	404.8	5.39	5.39	2.41	2.50
15-50-107	15.26	25.71	.01062	.01952	.0	.0	0.97	3.90	1.00	.704	.0602	.900	317.9	317.9	317.9	317.9	5.40	5.40	2.42	2.50
15-50-108	11.98	20.00	.01092	.01990	.0	.0	0.97	3.79	1.00	.704	.0606	.898	251.8	251.8	251.8	251.8	5.32	5.32	2.42	2.50
15-50-109	8.99	14.81	.01118	.02005	.0	.0	0.97	3.62	1.00	.704	.0614	.895	190.0	190.0	190.0	190.0	5.30	5.30	2.42	2.50
15-50-110	6.76	11.02	.01159	.02062	.0	.0	0.97	3.50	1.00	.710	.0620	.893	144.7	144.7	144.7	144.7	5.20	5.20	2.42	2.50
15-50-111	5.04	8.06	.01180	.02060	.0	.0	0.97	3.29	1.00	.710	.0630	.889	107.8	107.8	107.8	107.8	5.25	5.25	2.43	2.50
15-50-112	3.88	6.10	.01202	.02059	.0	.0	0.97	3.12	1.00	.710	.0639	.885	83.1	83.1	83.1	83.1	5.29	5.29	2.43	2.50
15-50-113	3.08	4.81	.01246	.02118	.0	.0	0.97	3.04	1.00	.709	.0644	.883	66.9	66.9	66.9	66.9	5.17	5.17	2.44	2.50
15-50-114	2.48	3.83	.01294	.02183	.0	.0	0.97	2.98	1.00	.710	.0648	.882	54.6	54.6	54.6	54.6	5.04	5.04	2.44	2.50
15-50-115	2.00	3.08	.01357	.02285	.0	.0	0.97	2.96	1.00	.710	.0650	.881	45.1	45.1	45.1	45.1	4.83	4.83	2.44	2.50
15-50-116	1.60	2.43	.01389	.02301	.0	.0	0.97	2.83	1.00	.709	.0658	.878	36.1	36.1	36.1	36.1	4.84	4.84	2.44	2.50
15-50-117	1.28	1.92	.01447	.02375	.0	.0	0.97	2.76	1.00	.709	.0664	.876	29.3	29.3	29.3	29.3	4.72	4.72	2.45	2.50
15-50-118	1.02	1.51	.01491	.02410	.0	.0	0.97	2.65	1.00	.709	.0672	.873	23.5	23.5	23.5	23.5	4.69	4.69	2.45	2.50
15-50-119	0.84	1.22	.01518	.02411	.0	.0	0.97	2.52	1.00	.709	.0683	.869	19.4	19.4	19.4	19.4	4.75	4.75	2.46	2.50
15-50-120	0.31	0.32	.01149	.01158	.0	.0	1.01	1.01	1.00	.707	.0958	.804	5.1	5.1	5.1	5.1	9.70	9.70	2.50	2.50
15-50-121	0.24	0.23	.01144	.01051	.0	.0	1.02	0.87	1.00	.707	.1031	.793	3.8	3.8	3.8	3.8	10.63	10.63	2.56	2.50
15-50-122	0.19	0.19	.01341	.01343	.0	.0	1.01	1.00	1.00	.707	.0964	.803	3.4	3.4	3.4	3.4	8.82	8.82	2.51	2.50
15-50-123	0.15	0.17	.01686	.01972	.0	.0	1.00	1.31	1.00	.709	.0857	.823	3.2	3.2	3.2	3.2	6.33	6.33	2.50	2.50
15-50-124	0.12	0.15	.01878	.02281	.0	.0	1.00	1.40	1.00	.709	.0839	.827	2.8	2.8	2.8	2.8	5.62	5.62	2.51	2.50
15-50-125	0.10	0.13	.02312	.03133	.0	.0	0.98	1.74	1.00	.708	.0776	.842	2.7	2.7	2.7	2.7	4.04	4.04	2.53	2.50
15-50-126	0.08	0.11	.02819	.04117	.0	.0	0.98	2.05	1.00	.708	.0740	.853	2.4	2.4	2.4	2.4	2.92	2.92	2.54	2.50
15-50-127	0.87	1.23	.01404	.02144	.0	.0	0.98	2.29	1.00	.709	.0701	.863	19.0	19.0	19.0	19.0	5.34	5.34	2.46	2.50
15-50-128	0.70	0.96	.01404	.02067	.0	.0	0.98	2.10	1.00	.709	.0720	.857	15.1	15.1	15.1	15.1	5.59	5.59	2.46	2.50
15-50-129	0.56	0.75	.01404	.01987	.0	.0	0.98	1.92	1.00	.709	.0743	.851	12.0	12.0	12.0	12.0	5.88	5.88	2.47	2.50
15-50-130	0.46	0.59	.01376	.01841	.0	.0	0.99	1.70	1.00	.709	.0775	.842	9.5	9.5	9.5	9.5	6.39	6.39	2.47	2.50
15-50-131	0.37	0.43	.01297	.01558	.0	.0	0.99	1.38	1.00	.709	.0840	.827	7.0	7.0	7.0	7.0	7.52	7.52	2.47	2.50
15-50-132	0.30	0.32	.01177	.01217	.0	.0	1.01	1.05	1.00	.709	.0937	.807	5.1	5.1	5.1	5.1	9.30	9.30	2.52	2.50
15-50-133	0.24	0.24	.01176	.01112	.0	.0	1.02	0.91	1.00	.709	.1003	.797	3.9	3.9	3.9	3.9	10.10	10.10	2.54	2.50
15-50-134	0.20	0.21	.01348	.01356	.0	.0	1.01	1.06	1.00	.709	.0936	.808	3.7	3.7	3.7	3.7	8.45	8.45	2.51	2.50
15-50-135	0.16	0.18	.01542	.01706	.0	.0	1.00	1.19	1.00	.709	.0892	.816	3.3	3.3	3.3	3.3	7.20	7.20	2.51	2.50
15-50-136	14.05	23.20	.01042	.01955	.00462	.00402	0.95	3.90	1.25	.703	.0610	.897	291.3	193.9	301.4	200.6	5.45	5.11	2.42	2.50
15-50-137	10.27	16.74	.01070	.01993	.00493	.00429	0.95	3.75	1.25	.702	.0617	.895	215.1	143.1	222.6	148.1	5.37	5.03	2.42	2.50
15-50-138	7.85	12.59	.01093	.02008	.00528	.00459	0.95	3.58	1.25	.702	.0625	.891	164.8	110.4	170.4	114.1	5.36	5.03	2.42	2.50
15-50-139	6.17	9.82	.01124	.02057	.00548	.00475	0.95	3.49	1.24	.701	.0629	.890	131.3	88.1	135.7	91.1	5.25	4.93	2.42	2.50
15-50-140	4.84	7.55	.01125	.02016	.00563	.00487	0.95	3.26	1.24	.700	.0641	.885	102.0	69.0	105.4	71.3	5.40	5.08	2.43	2.50
15-50-141	3.81	5.88	.01156	.02044	.00585	.00503	0.95	3.14	1.22	.700	.0647	.883	80.9	56.1	83.4	57.9	5.36	5.06	2.43	2.50
15-50-142	3.05	4.62	.01166	.02022	.00612	.00524	0.95	2.97	1.21	.700	.0658	.879	64.4	45.4	66.3	46.7	5.46	5.17	2.43	2.50
15-50-143	2.44	3.61	.01178	.02003	.00603	.00517	0.95	2.80	1.22	.700	.0669	.875	51.2	35.8	52.7	36.9	5.55	5.26	2.44	2.50
15-50-144	1.99	2.98	.01259	.02161	.00648	.00552	0.94	2.87	1.19	.700	.0665	.876	43.5	31.4	44.8	32.2	5.16	4.90	2.44	2.50
15-50-145	4.41	6.89	.01195	.02144	.00554	.00482	0.95	3.38	1.26	.701	.0635	.887	95.0	63.9	98.2	66.0	5.08	4.76	2.43	2.50
15-50-146	3.49	5.37	.01198	.02093	.00578	.00501	0.96	3.14	1.25	.701	.0646	.883	74.7	50.8	77.1	52.4	5.25	4.94	2.43	2.50
15-50-147	2.70	4.09	.01222	.02055	.00602	.00520	0.96	2.98	1.23	.700	.0656	.879	58.0	40.0	59.8	41.2	5.27	4.97	2.44	2.50
15-50-148	2.26	3.35	.01243	.02101	.00618	.00531	0.96	2.87	1.22	.701	.0665	.876	48.1	34.4	49.5	35.4	5.29	5.02	2.44	2.50
15-50-149	1.93	2.89	.01297	.02142	.00610	.00526	0.97	2.78	1.23	.700	.0664	.876	42.0	29.5	43.3	30.4	5.19	4.91	2.44	2.50
15-50-150	1.53	2.25	.01321	.02156	.00644	.00554	0.96	2.73	1.22	.699	.0674	.873	33.6	23.7	34.6	24.4	5.13	4.85	2.44	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ 0.91	ST*/ 1.16	ST1*/ 1.20	STT*/ 1.24	ST1F/ 1.23	A1/AB .515	H+ 157.1	G+ 12.7	GPR1 10.3	G* 12.9	G*R 14.5	G*1 11.2	GT 10.6	GTR 12.7	GTF 10.8	GTFR 12.3	X 2.51	YR 12.88	AH 2.50	TP 4.08
15-70-101	22.01	107.6	0.91	1.16	1.20	1.24	1.23	.515	157.1	12.7	10.3	12.9	14.5	11.2	10.6	12.7	10.8	12.3	2.51	12.88	2.50	4.08
15-50-102	15.44	0.0	0.0	0.0	0.0	0.0	0.0	.759	321.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	10.13		
15-50-103	12.67	0.0	0.0	0.0	0.0	0.0	0.0	.754	264.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	10.09		
15-50-104	9.63	0.0	0.0	0.0	0.0	0.0	0.0	.749	203.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.88	10.00		
15-50-105	26.37	0.0	0.0	0.0	0.0	0.0	0.0	.770	542.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.91	10.24		
15-50-106	19.48	0.0	0.0	0.0	0.0	0.0	0.0	.765	404.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.91	10.14		
15-50-107	15.26	0.0	0.0	0.0	0.0	0.0	0.0	.759	317.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	10.12		
15-50-108	11.98	0.0	0.0	0.0	0.0	0.0	0.0	.754	251.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	10.02		
15-50-109	8.99	0.0	0.0	0.0	0.0	0.0	0.0	.747	190.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.87	9.98		
15-50-110	6.76	0.0	0.0	0.0	0.0	0.0	0.0	.742	144.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.86	9.85		
15-50-111	5.04	0.0	0.0	0.0	0.0	0.0	0.0	.733	107.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.85	9.85		
15-50-112	3.88	0.0	0.0	0.0	0.0	0.0	0.0	.725	83.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.83	9.86		
15-50-113	3.08	0.0	0.0	0.0	0.0	0.0	0.0	.721	66.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.82	9.72		
15-50-114	2.48	0.0	0.0	0.0	0.0	0.0	0.0	.718	54.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.82	9.57		
15-50-115	2.00	0.0	0.0	0.0	0.0	0.0	0.0	.716	45.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.81	9.36		
15-50-116	1.60	0.0	0.0	0.0	0.0	0.0	0.0	.709	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.80	9.32		
15-50-117	1.28	0.0	0.0	0.0	0.0	0.0	0.0	.705	29.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.79	9.18		
15-50-118	1.02	0.0	0.0	0.0	0.0	0.0	0.0	.698	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.78	9.11		
15-50-119	0.84	0.0	0.0	0.0	0.0	0.0	0.0	.690	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.76	9.11		
15-50-120	0.31	0.0	0.0	0.0	0.0	0.0	0.0	.551	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.40	13.14		
15-50-121	0.24	0.0	0.0	0.0	0.0	0.0	0.0	.529	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.33	13.80		
15-50-122	0.19	0.0	0.0	0.0	0.0	0.0	0.0	.550	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.40	12.20		
15-50-123	0.15	0.0	0.0	0.0	0.0	0.0	0.0	.591	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.52	10.07		
15-50-124	0.12	0.0	0.0	0.0	0.0	0.0	0.0	.600	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.54	9.36		
15-50-125	0.10	0.0	0.0	0.0	0.0	0.0	0.0	.632	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.63	7.99		
15-50-126	0.08	0.0	0.0	0.0	0.0	0.0	0.0	.654	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.68	6.97		
15-50-127	0.87	0.0	0.0	0.0	0.0	0.0	0.0	.677	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.73	9.66		
15-50-128	0.70	0.0	0.0	0.0	0.0	0.0	0.0	.664	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.70	9.84		
15-50-129	0.56	0.0	0.0	0.0	0.0	0.0	0.0	.650	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.67	10.03		
15-50-130	0.46	0.0	0.0	0.0	0.0	0.0	0.0	.631	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.63	10.42		
15-50-131	0.37	0.0	0.0	0.0	0.0	0.0	0.0	.599	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.54	11.33		
15-50-132	0.30	0.0	0.0	0.0	0.0	0.0	0.0	.559	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.43	12.82		
15-50-133	0.24	0.0	0.0	0.0	0.0	0.0	0.0	.537	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.36	13.41		
15-50-134	0.20	0.0	0.0	0.0	0.0	0.0	0.0	.559	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.43	11.97		
15-50-135	0.16	0.0	0.0	0.0	0.0	0.0	0.0	.576	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.48	10.83		
15-50-136	14.05	57.1	0.98	1.02	1.04	1.03	1.19	.669	291.3	16.2	16.2	14.8	18.6	15.8	16.1	20.0	13.3	17.2	1.88	10.11	2.50	2.35
15-50-137	10.27	44.9	0.98	1.01	1.04	1.02	1.20	.661	215.1	15.2	15.3	13.6	17.2	14.8	15.1	18.9	12.1	15.8	1.87	10.02	2.50	2.39
15-50-138	7.85	36.6	0.98	1.01	1.05	1.03	1.22	.651	164.8	13.9	14.0	12.4	15.8	13.5	13.8	17.4	10.9	14.3	1.85	9.98	2.50	2.61
15-50-139	6.17	29.9	0.99	1.00	1.04	1.02	1.23	.646	131.3	13.6	13.8	11.9	15.2	13.2	13.6	17.1	10.4	13.7	1.85	9.86	2.50	2.48
15-50-140	4.84	23.8	0.99	1.00	1.04	1.02	1.25	.632	102.0	13.1	13.2	11.2	14.5	12.6	13.0	16.4	9.7	13.0	1.83	9.96	2.50	2.43
15-50-141	3.81	18.1	0.99	1.00	1.03	1.01	1.27	.625	80.9	12.6	12.9	10.7	14.0	12.1	12.5	15.9	9.1	12.4	1.82	9.89	2.50	2.36
15-50-142	3.05	14.5	0.99	0.99	1.04	1.01	1.29	.613	64.4	11.8	12.2	9.9	13.1	11.4	11.8	15.0	8.3	11.4	1.80	9.95	2.50	2.42
15-50-143	2.44	11.8	0.99	1.00	1.04	1.02	1.29	.601	51.2	12.0	12.3	10.1	13.2	11.5	11.9	15.2	8.4	11.5	1.78	9.99	2.50	2.14
15-50-144	1.99	9.2	1.01	0.98	1.02	0.99	1.30	.605	43.5	11.7	12.2	9.5	12.7	11.2	11.7	15.0	7.9	11.0	1.79	9.62	2.50	2.10
15-50-145	4.41	22.3	0.96	1.04	1.08	1.06	1.23	.638	95.0	13.3	13.3	12.2	15.6	12.7	13.1	16.5	10.6	13.9	1.84	9.66	2.50	2.38
15-50-146	3.49	17.8	0.97	1.03	1.07	1.05	1.25	.626	74.7	12.6	12.7	11.3	14.5	12.0	12.4	15.7	9.6	12.9	1.82	9.78	2.50	2.39
15-50-147	2.70	13.8	0.97	1.02	1.07	1.04	1.27	.615	58.0	12.1	12.2	10.6	13.8	11.5	11.9	15.1	8.9	12.1	1.80	9.76	2.50	2.32
15-50-148	2.26	11.0	0.94	1.06	1.12	1.08	1.28	.606	48.1	11.2	11.5	10.3	13.4	10.4	10.9	14.0	8.5	11.6	1.79	9.76	2.50	2.54
15-50-149	1.93	9.9	0.96	1.04	1.09	1.06	1.26	.606	42.0	11.9	12.1	10.8	14.0	11.1	11.6	14.8	9.0	12.2	1.79	9.66	2.50	2.12
15-50-150	1.53	8.2	0.97	1.03	1.09	1.05	1.29	.596	33.6	11.3	11.5	10.0	13.0	10.5	11.0	14.2	8.1	11.2	1.77	9.54	2.50	2.14

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+w	H+R	H+RW	RH+	RH+R	AS	AR
15-50-151	1.24	1.75	.01298	.02062	.00651	.00557	0.96	2.45	1.21	.699	.0695	.866	26.3	19.0	27.0	19.5	5.51	5.25	2.45	2.50
15-50-152	1.01	1.42	.01309	.01987	.00661	.00565	0.97	2.24	1.20	.700	.0710	.861	21.4	15.6	22.0	16.0	5.75	5.49	2.45	2.50
15-50-153	0.81	1.09	.01307	.01936	.00654	.00560	0.97	2.08	1.21	.699	.0731	.855	16.7	12.1	17.2	12.4	5.96	5.69	2.46	2.50
15-50-154	0.66	0.85	.01305	.01881	.00652	.00556	0.97	1.93	1.20	.699	.0754	.849	13.3	9.7	13.7	10.0	6.21	5.94	2.46	2.50
15-50-155	0.54	0.68	.01310	.01793	.00631	.00538	0.97	1.75	1.19	.699	.0776	.843	10.8	7.9	11.1	8.1	6.53	6.26	2.47	2.50
15-50-156	0.44	0.52	.01276	.01663	.00597	.00508	0.97	1.55	1.19	.699	.0819	.833	8.4	6.2	8.6	6.4	7.14	6.87	2.47	2.50
15-50-157	0.40	0.40	.01126	.01317	.00338	.00319	0.97	1.24	1.51	.690	.0915	.814	6.6	3.4	7.0	3.6	8.73	8.04	2.47	2.50
15-50-158	0.48	0.52	.01170	.01489	.00420	.00390	0.97	1.47	1.47	.691	.0855	.825	8.5	4.6	8.9	4.8	7.81	7.21	2.46	2.50
15-50-159	0.59	0.67	.01177	.01596	.00484	.00447	0.96	1.65	1.46	.690	.0818	.834	10.6	5.8	11.2	6.1	7.30	6.73	2.46	2.50
15-50-160	0.75	0.95	.01204	.01655	.00549	.00507	0.98	1.77	1.46	.689	.0774	.844	14.4	7.7	15.2	8.1	6.93	6.35	2.46	2.50
15-50-161	0.89	1.16	.01215	.01736	.00571	.00527	0.97	1.93	1.45	.689	.0751	.851	17.5	9.3	18.4	9.8	6.59	6.03	2.46	2.50
15-50-162	1.09	1.42	.01225	.01960	.00583	.00539	0.94	2.33	1.46	.689	.0726	.858	21.9	11.7	23.1	12.3	5.88	5.35	2.45	2.50
15-50-163	1.32	1.78	.01232	.02025	.00584	.00541	0.94	2.51	1.46	.690	.0707	.863	27.0	14.4	28.5	15.2	5.64	5.12	2.45	2.50
15-50-164	1.64	2.28	.01242	.02104	.00593	.00548	0.94	2.72	1.46	.690	.0689	.869	34.2	18.3	36.1	19.3	5.39	4.88	2.44	2.50
15-50-165	2.09	2.95	.01226	.02112	.00566	.00528	0.94	2.88	1.48	.690	.0676	.873	43.5	22.7	46.0	24.0	5.32	4.79	2.44	2.50
15-50-166	2.63	3.74	.01175	.02027	.00552	.00517	0.95	2.92	1.50	.691	.0674	.875	53.7	27.8	56.8	29.4	5.51	4.97	2.44	2.50
15-50-167	3.32	4.91	.01112	.02019	.00561	.00521	0.92	3.08	1.47	.690	.0664	.878	69.1	35.0	73.3	37.1	5.49	4.93	2.43	2.50
15-50-168	4.31	6.47	.01064	.01960	.00555	.00515	0.91	3.17	1.47	.690	.0658	.880	88.8	44.4	94.3	47.2	5.62	5.04	2.43	2.50
15-50-169	5.14	7.77	.01040	.01931	.00536	.00501	0.91	3.24	1.48	.690	.0654	.882	105.2	51.6	111.9	54.8	5.68	5.08	2.43	2.50
15-50-170	6.92	10.64	.00998	.01877	.00513	.00480	0.91	3.36	1.49	.690	.0647	.884	140.2	68.0	149.2	72.4	5.80	5.18	2.42	2.50
15-50-171	8.98	14.13	.00977	.01879	.00488	.00459	0.91	3.54	1.51	.690	.0638	.888	183.2	86.1	195.5	91.8	5.77	5.13	2.42	2.50
15-50-172	10.97	17.68	.00960	.01856	.00461	.00439	0.90	3.72	1.54	.691	.0630	.891	227.1	101.1	243.4	108.3	5.71	5.02	2.42	2.50
15-50-173	11.81	19.13	.00941	.01872	.00450	.00430	0.89	3.73	1.54	.691	.0630	.891	243.9	106.8	261.8	114.6	5.78	5.07	2.42	2.50
15-50-174	0.39	0.44	.01239	.01530	.00515	.00442	0.98	1.40	1.22	.699	.0852	.825	7.2	5.1	7.4	5.3	7.69	7.37	2.47	2.50
15-50-175	0.32	0.33	.01142	.01266	.00384	.00331	0.98	1.12	1.23	.700	.0944	.808	5.4	3.7	5.6	3.9	9.20	8.81	2.49	2.50
15-50-176	0.26	0.24	.01139	.01150	.00292	.00253	1.00	0.96	1.25	.700	.1069	.794	4.1	2.8	4.2	2.910	8.110	3.7	2.52	2.50
15-50-177	0.21	0.20	.01256	.01340	.00334	.00289	0.99	1.04	1.24	.700	.1048	.797	3.6	2.4	3.7	2.5	9.98	9.58	2.52	2.50
15-50-178	0.16	0.18	.01565	.01965	.00395	.00338	0.97	1.36	1.21	.699	.0940	.815	3.4	2.4	3.5	2.4	7.66	7.34	2.53	2.50
15-50-179	0.13	0.16	.01945	.02735	.00489	.00416	0.97	1.69	1.19	.698	.0878	.828	3.2	2.2	3.3	2.3	6.08	5.80	2.52	2.50
15-50-180	0.11	0.14	.02301	.03575	.00429	.00375	0.92	2.06	1.31	.684	.0742	.852	3.1	1.8	3.2	1.9	3.30	2.97	2.52	2.50
15-50-181	0.17	0.20	.01556	.02015	.00292	.00266	0.94	1.44	1.43	.687	.0845	.827	3.8	2.0	4.0	2.1	6.13	5.60	2.49	2.50
15-50-182	0.28	0.27	.01121	.01162	.00237	.00225	0.98	1.02	1.52	.690	.0990	.801	4.6	2.3	4.8	2.4	9.72	8.97	2.50	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	STIF/ A1/AB	H+	G+	GPRI	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP		
15-50-151	1.24	6.3	0.95	1.05	1.12	1.07	1.32	.575	26.3	10.5	10.8	9.4	12.4	9.6	10.2	13.2	7.5	10.5	1.74	9.85	2.50	2.23
15-50-152	1.01	5.0	0.97	1.03	1.10	1.05	1.33	.561	21.4	10.3	10.6	9.1	12.0	9.5	10.0	13.0	7.1	10.0	1.72	10.03	2.50	2.09
15-50-153	0.81	4.1	0.97	1.03	1.09	1.05	1.35	.543	16.7	10.4	10.7	9.0	11.9	9.5	10.1	13.0	6.9	9.8	1.69	10.16	2.50	1.87
15-50-154	0.66	3.3	0.96	1.04	1.11	1.06	1.38	.525	13.3	10.2	10.5	8.8	11.7	9.3	9.9	12.7	6.6	9.5	1.66	10.31	2.50	1.80
15-50-155	0.54	2.5	0.97	1.03	1.09	1.05	1.38	.507	10.8	10.6	10.9	9.0	12.0	9.6	10.2	13.2	6.8	9.8	1.62	10.56	2.50	1.53
15-50-156	0.44	1.9	0.98	1.02	1.11	1.04	1.42	.479	8.4	11.0	11.4	9.2	12.2	9.8	10.7	13.7	6.9	9.9	1.57	10.97	2.50	1.30
15-50-157	0.40	3.4	0.94	1.08	1.14	1.12	1.29	.424	6.6	19.0	16.9	17.8	20.7	17.5	18.0	20.5	14.9	17.8	1.45	12.32	2.50	0.41
15-50-158	0.48	4.7	0.93	1.10	1.17	1.14	1.33	.457	8.5	15.3	13.8	14.4	17.0	13.9	14.4	17.1	11.7	14.3	1.52	11.59	2.50	0.73
15-50-159	0.59	6.4	0.92	1.11	1.18	1.14	1.36	.480	10.6	13.1	11.9	12.2	14.6	11.8	12.3	14.5	9.6	12.1	1.57	11.20	2.50	1.10
15-50-160	0.75	9.5	0.97	1.03	1.09	1.06	1.34	.511	14.4	12.0	11.0	10.6	12.9	11.1	11.6	14.0	8.3	10.6	1.63	10.99	2.50	1.40
15-50-161	0.89	11.6	0.97	1.04	1.10	1.07	1.33	.529	17.5	11.6	10.6	10.3	12.6	10.7	11.2	13.6	8.1	10.4	1.66	10.73	2.50	1.64
15-50-162	1.09	14.9	0.93	1.09	1.15	1.11	1.36	.550	21.9	11.5	10.5	10.4	12.6	10.5	11.1	13.4	8.3	10.5	1.70	10.10	2.50	1.91
15-50-163	1.32	17.5	0.93	1.09	1.15	1.11	1.34	.566	27.0	11.7	10.6	10.6	12.9	10.7	11.2	13.7	8.6	10.9	1.72	9.94	2.50	2.03
15-50-164	1.64	22.2	0.93	1.08	1.15	1.10	1.32	.584	34.2	11.7	10.7	10.7	13.0	10.7	11.3	13.8	8.8	11.0	1.75	9.75	2.50	2.25
15-50-165	2.09	27.9	0.93	1.09	1.15	1.11	1.29	.596	43.5	12.4	11.2	11.5	13.8	11.4	11.5	14.5	9.6	11.9	1.77	9.73	2.50	2.24
15-50-166	2.63	34.7	0.92	1.10	1.15	1.12	1.28	.599	53.7	12.4	11.1	11.7	13.9	11.4	11.9	14.3	9.8	12.0	1.77	9.93	2.50	2.46
15-50-167	3.32	43.4	0.96	1.03	1.07	1.05	1.31	.610	69.1	12.6	11.5	10.8	13.2	12.2	12.6	15.2	9.2	11.6	1.79	9.95	2.50	2.39
15-50-168	4.31	55.8	0.96	1.02	1.06	1.04	1.31	.616	88.8	12.6	11.5	10.7	13.0	12.3	12.7	15.2	9.1	11.5	1.80	10.10	2.50	2.61
15-50-169	5.14	66.8	0.96	1.02	1.06	1.04	1.30	.621	105.2	13.1	11.8	11.1	13.4	12.8	13.2	15.7	9.6	12.0	1.81	10.18	2.50	2.61
15-50-170	6.92	85.2	0.96	1.01	1.05	1.03	1.28	.628	140.2	13.6	12.3	11.6	13.9	13.5	13.8	16.3	10.1	12.5	1.82	10.32	2.50	2.65
15-50-171	8.98	110.2	0.97	1.00	1.03	1.02	1.27	.639	183.2	14.6	13.0	12.4	14.8	14.7	14.5	17.5	11.1	13.5	1.83	10.32	2.50	2.52
15-50-172	10.97	131.4	0.97	0.98	1.00	1.00	1.26	.648	227.1	15.9	14.0	13.3	15.6	16.4	16.5	19.0	12.1	14.6	1.84	10.27	2.50	2.26
15-50-173	11.81	138.9	0.97	0.97	0.99	0.99	1.26	.649	243.9	16.3	14.3	13.5	15.9	17.0	17.0	19.5	12.4	14.9	1.85	10.34	2.50	2.16
15-50-174	0.39	1.6	0.98	1.02	1.09	1.04	1.38	.457	7.2	12.8	13.2	10.9	14.2	11.8	12.5	15.7	8.5	11.8	1.53	11.43	2.50	0.89
15-50-175	0.32	1.1	1.00	1.00	1.05	1.02	1.34	.410	5.4	17.1	17.3	14.5	18.4	16.1	16.6	20.5	12.0	15.9	1.42	12.57	2.50	0.41
15-50-176	0.26	0.7	0.99	1.02	1.06	1.05	1.29	.371	4.1	21.7	21.8	19.4	24.2	20.6	21.0	25.6	16.9	21.7	1.31	13.19	2.50	0.25
15-50-177	0.21	0.6	1.00	1.00	1.09	1.02	1.33	.380	3.6	20.4	20.6	17.5	22.0	18.4	19.5	24.3	15.1	19.7	1.33	12.22	2.50	0.33
15-50-178	0.16	0.5	1.03	0.96	1.04	0.98	1.32	.429	3.4	21.1	21.7	17.5	22.1	19.4	21.0	25.9	15.4	20.2	1.45	10.09	2.50	0.36
15-50-179	0.13	0.5	1.07	0.92	1.02	0.93	1.34	.465	3.2	20.3	21.1	15.9	20.4	18.4	20.6	25.5	14.1	18.7	1.52	8.55	2.50	0.48
15-50-180	0.11	0.9	1.04	0.92	0.91	0.93	1.21	.535	3.1	29.3	28.8	23.8	29.6	31.4	30.5	36.8	21.5	27.2	1.67	7.48	2.50	0.21
15-50-181	0.17	1.2	1.00	0.97	0.98	0.99	1.20	.462	3.8	31.3	29.0	27.4	32.6	32.0	31.5	36.8	24.9	30.1	1.53	9.96	2.50	0.13
15-50-182	0.28	1.8	0.97	1.05	1.08	1.08	1.21	.388	4.6	28.0	24.8	26.3	30.2	26.7	26.7	30.5	23.1	26.9	1.37	13.12	2.50	0.15

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
16-85- 1	25.32	54.87	.00951	.02277	.0	.0	0.97	5.02	1.00	.703	.0402	.820	372.8	372.8	372.8	372.8	3.39	3.39	2.40	2.50
16-85- 2	20.99	44.66	.00945	.02216	.0	.0	0.97	4.74	1.00	.703	.0408	.814	305.3	305.3	305.3	305.3	3.55	3.55	2.40	2.50
16-85- 3	17.70	37.30	.00960	.02229	.0	.0	0.97	4.61	1.00	.705	.0411	.811	258.2	258.2	258.2	258.2	3.54	3.54	2.40	2.50
16-85- 4	14.90	30.92	.00962	.02196	.0	.0	0.97	4.41	1.00	.704	.0416	.806	215.8	215.8	215.8	215.8	3.65	3.65	2.40	2.50
16-85- 5	12.80	26.28	.00972	.02193	.0	.0	0.97	4.28	1.00	.706	.0419	.803	185.4	185.4	185.4	185.4	3.67	3.67	2.40	2.50
16-85- 6	10.30	21.04	.01011	.02273	.0	.0	0.97	4.24	1.00	.703	.0420	.801	151.8	151.8	151.8	151.8	3.51	3.51	2.41	2.50
16-85- 7	8.78	17.93	.01050	.02364	.0	.0	0.97	4.25	1.00	.705	.0420	.801	131.8	131.8	131.8	131.8	3.33	3.33	2.41	2.50
16-85- 8	7.59	15.10	.01024	.02235	.0	.0	0.97	3.93	1.00	.704	.0429	.793	111.1	111.1	111.1	111.1	3.65	3.65	2.41	2.50
16-85- 9	6.43	12.63	.01040	.02241	.0	.0	0.97	3.81	1.00	.705	.0433	.789	94.2	94.2	94.2	94.2	3.66	3.66	2.41	2.50
16-85-10	5.50	10.68	.01053	.02235	.0	.0	0.97	3.68	1.00	.706	.0437	.785	80.6	80.6	80.6	80.6	3.70	3.70	2.41	2.50
16-85-11	4.67	8.95	.01069	.02238	.0	.0	0.97	3.56	1.00	.706	.0442	.781	68.5	68.5	68.5	68.5	3.72	3.72	2.41	2.50
16-85-12	3.95	7.40	.01071	.02187	.0	.0	0.97	3.36	1.00	.706	.0449	.774	57.2	57.2	57.2	57.2	3.88	3.88	2.42	2.50
16-85-13	3.31	6.15	.01099	.02220	.0	.0	0.97	3.28	1.00	.706	.0452	.771	48.4	48.4	48.4	48.4	3.83	3.83	2.42	2.50
16-85-14	2.82	5.14	.01106	.02184	.0	.0	0.97	3.12	1.00	.706	.0459	.765	41.0	41.0	41.0	41.0	3.95	3.95	2.42	2.50
16-85-15	2.42	4.33	.01117	.02162	.0	.0	0.97	2.99	1.00	.706	.0466	.760	35.0	35.0	35.0	35.0	4.04	4.04	2.42	2.50
16-85-16	2.06	3.61	.01122	.02112	.0	.0	0.98	2.82	1.00	.706	.0474	.753	29.5	29.5	29.5	29.5	4.20	4.20	2.42	2.50
16-85-17	2.44	4.41	.01129	.02205	.0	.0	0.97	3.05	1.00	.706	.0463	.762	35.7	35.7	35.7	35.7	3.92	3.92	2.42	2.50
16-85-18	2.00	3.51	.01140	.02159	.0	.0	0.98	2.86	1.00	.706	.0473	.755	28.9	28.9	28.9	28.9	4.08	4.08	2.42	2.50
16-85-19	1.68	2.87	.01140	.02084	.0	.0	0.98	2.66	1.00	.706	.0484	.746	24.0	24.0	24.0	24.0	4.32	4.32	2.43	2.50
16-85-20	1.41	2.35	.01145	.02021	.0	.0	0.98	2.48	1.00	.706	.0495	.738	19.9	19.9	19.9	19.9	4.54	4.54	2.43	2.50
16-85-21	1.19	1.90	.01131	.01852	.0	.0	0.98	2.25	1.00	.707	.0513	.725	16.3	16.3	16.3	16.3	4.96	4.96	2.43	2.50
16-85-22	1.00	1.49	.01096	.01688	.0	.0	0.99	1.94	1.00	.707	.0541	.707	13.0	13.0	13.0	13.0	5.72	5.72	2.43	2.50
16-85-23	0.84	1.15	.01051	.01451	.0	.0	1.00	1.62	1.00	.707	.0581	.685	10.2	10.2	10.2	10.2	6.77	6.77	2.43	2.50
16-85-24	0.71	0.90	.01023	.01272	.0	.0	1.01	1.37	1.00	.707	.0623	.664	8.1	8.1	8.1	8.1	7.76	7.76	2.43	2.50
16-85-25	0.58	0.63	.00947	.00962	.0	.0	1.02	1.02	1.00	.707	.0714	.628	5.9	5.9	5.9	5.9	10.04	10.04	2.48	2.50
16-85-26	25.11	52.55	.00940	.02255	.00513	.00441	0.97	5.01	1.24	.700	.0406	.816	360.2	252.8	371.0	260.4	3.46	3.46	2.40	2.50
16-85-27	22.04	45.52	.00941	.02231	.00528	.00454	0.97	4.85	1.25	.700	.0409	.813	314.1	219.2	323.7	225.9	3.53	3.53	2.40	2.50
16-85-28	26.48	55.17	.00937	.02251	.00517	.00451	0.97	5.06	1.28	.703	.0406	.817	377.6	252.0	390.6	260.6	3.47	3.16	2.39	2.50
16-85-29	22.53	46.50	.00945	.02249	.00523	.00454	0.97	4.91	1.28	.702	.0409	.814	321.4	216.3	332.2	223.6	3.49	3.19	2.40	2.50
16-85-30	17.24	34.56	.00927	.02134	.00545	.00469	0.97	4.46	1.24	.700	.0419	.803	240.3	168.7	247.6	173.8	3.80	3.52	2.40	2.50
16-85-31	14.17	27.87	.00935	.02118	.00568	.00489	0.97	4.27	1.25	.700	.0424	.798	196.4	137.6	202.3	141.8	3.88	3.59	2.40	2.50
16-85-32	11.85	22.95	.00947	.02115	.00579	.00499	0.97	4.13	1.25	.700	.0428	.794	163.9	114.6	168.9	118.1	3.91	3.62	2.40	2.50
16-85-33	9.87	18.99	.00975	.02168	.00596	.00513	0.97	4.07	1.25	.700	.0430	.792	138.1	96.7	142.3	99.7	3.80	3.52	2.41	2.50
16-85-34	8.30	15.74	.00988	.02170	.00613	.00528	0.97	3.94	1.25	.700	.0434	.788	116.1	81.2	119.6	83.7	3.82	3.54	2.41	2.50
16-85-35	7.04	13.16	.01002	.02172	.00627	.00541	0.97	3.82	1.25	.700	.0439	.784	98.4	68.5	101.4	70.6	3.85	3.56	2.41	2.50
16-85-36	6.03	11.07	.01012	.02159	.00631	.00545	0.97	3.68	1.26	.701	.0444	.779	83.8	58.0	86.4	59.8	3.91	3.62	2.41	2.50
16-85-37	5.06	9.12	.01024	.02151	.00646	.00559	0.97	3.54	1.27	.701	.0449	.775	70.1	48.2	72.3	49.7	3.96	3.66	2.41	2.50
16-85-38	4.24	7.52	.01038	.02145	.00650	.00562	0.97	3.40	1.26	.701	.0455	.770	58.7	40.5	60.5	41.8	4.01	3.71	2.41	2.50
16-85-39	3.61	6.26	.01044	.02109	.00655	.00568	0.97	3.24	1.27	.701	.0462	.764	49.5	34.1	51.0	35.2	4.14	3.84	2.42	2.50
16-85-40	3.03	5.14	.01059	.02059	.00648	.00563	0.97	3.11	1.28	.701	.0469	.758	41.3	28.2	42.6	29.1	4.20	3.89	2.42	2.50
16-85-41	2.56	4.25	.01066	.02057	.00654	.00568	0.97	2.94	1.27	.702	.0477	.751	34.6	23.8	35.7	24.5	4.35	4.04	2.42	2.50
16-85-42	2.13	3.42	.01070	.01951	.00637	.00554	0.98	2.74	1.28	.702	.0489	.743	28.3	19.4	29.2	20.1	4.58	4.27	2.42	2.50
16-85-43	1.80	2.73	.01050	.01843	.00613	.00535	0.98	2.46	1.29	.702	.0508	.729	22.9	15.6	23.6	16.1	5.08	4.75	2.42	2.50
16-85-44	2.32	3.78	.01063	.02023	.00644	.00562	0.97	2.84	1.29	.702	.0484	.747	31.1	20.8	32.1	21.5	4.47	4.14	2.42	2.50
16-85-45	1.90	2.99	.01066	.01942	.00626	.00546	0.97	2.61	1.29	.702	.0497	.737	24.9	16.9	25.8	17.4	4.75	4.42	2.42	2.50
16-85-46	1.60	2.42	.01065	.01857	.00610	.00532	0.98	2.41	1.29	.702	.0512	.726	20.5	13.9	21.2	14.4	5.06	4.73	2.43	2.50
16-85-47	1.34	1.91	.01050	.01717	.00580	.00506	0.99	2.15	1.29	.702	.0534	.712	16.5	11.3	17.0	11.6	5.59	5.25	2.43	2.50
16-85-48	1.14	1.54	.01040	.01555	.00537	.00469	0.99	1.93	1.29	.703	.0556	.699	13.5	9.3	14.0	9.6	6.12	5.77	2.43	2.50
16-85-49	0.96	1.23	.01025	.01456	.00500	.00438	1.00	1.70	1.30	.703	.0586	.683	11.0	7.4	11.3	7.7	6.78	6.40	2.43	2.50
16-85-50	0.81	0.98	.01027	.01373	.00467	.00411	1.00	1.54	1.32	.703	.0611	.671	9.0	6.0	9.3	6.2	7.26	6.86	2.43	2.50

RUN NO.	RE#E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	STIF /	A1/AB	H+	G+	GPR1	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP	
16-85-	1	25.32	0.0	0.0	0.0	0.0	0.0	.673	372.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.40	9.37		
16-85-	2	20.99	0.0	0.0	0.0	0.0	0.0	.663	305.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.38	9.50		
16-85-	3	17.70	0.0	0.0	0.0	0.0	0.0	.658	258.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.37	9.47		
16-85-	4	14.90	0.0	0.0	0.0	0.0	0.0	.649	215.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.36	9.54		
16-85-	5	12.80	0.0	0.0	0.0	0.0	0.0	.644	185.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.35	9.55		
16-85-	6	10.30	0.0	0.0	0.0	0.0	0.0	.642	151.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.35	9.38		
16-85-	7	8.78	0.0	0.0	0.0	0.0	0.0	.642	131.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.35	9.20		
16-85-	8	7.59	0.0	0.0	0.0	0.0	0.0	.628	111.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.32	9.46		
16-85-	9	6.43	0.0	0.0	0.0	0.0	0.0	.622	94.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.31	9.45		
16-85-	10	5.50	0.0	0.0	0.0	0.0	0.0	.616	80.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.30	9.46		
16-85-	11	4.67	0.0	0.0	0.0	0.0	0.0	.610	68.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.29	9.45		
16-85-	12	3.95	0.0	0.0	0.0	0.0	0.0	.600	57.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.27	9.56		
16-85-	13	3.31	0.0	0.0	0.0	0.0	0.0	.595	48.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.27	9.49		
16-85-	14	2.82	0.0	0.0	0.0	0.0	0.0	.586	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.25	9.57		
16-85-	15	2.42	0.0	0.0	0.0	0.0	0.0	.578	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.23	9.62		
16-85-	16	2.06	0.0	0.0	0.0	0.0	0.0	.567	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.21	9.73		
16-85-	17	2.44	0.0	0.0	0.0	0.0	0.0	.581	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.24	9.52		
16-85-	18	2.00	0.0	0.0	0.0	0.0	0.0	.570	28.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.22	9.62		
16-85-	19	1.68	0.0	0.0	0.0	0.0	0.0	.557	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.19	9.80		
16-85-	20	1.41	0.0	0.0	0.0	0.0	0.0	.544	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.17	9.95		
16-85-	21	1.19	0.0	0.0	0.0	0.0	0.0	.526	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.13	10.28		
16-85-	22	1.00	0.0	0.0	0.0	0.0	0.0	.500	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.07	10.89		
16-85-	23	0.84	0.0	0.0	0.0	0.0	0.0	.469	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.99	11.74		
16-85-	24	0.71	0.0	0.0	0.0	0.0	0.0	.441	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.91	12.54		
16-85-	25	0.58	0.0	0.0	0.0	0.0	0.0	.395	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.76	14.42		
16-85-	26	25.11	39.0	0.92	1.10	1.14	1.13	1.15	.610	360.2	13.1	13.2	13.1	17.0	12.2	12.3	16.2	12.1	16.0	2.39	9.42	2.50	4.80
16-85-	27	22.04	35.9	0.92	1.11	1.15	1.14	1.16	.603	314.1	12.4	12.5	12.4	16.2	11.5	11.7	15.4	11.4	15.2	2.38	9.47	2.50	5.06
16-85-	28	26.48	45.2	0.91	1.11	1.15	1.15	1.15	.611	377.6	12.8	12.6	12.9	16.6	11.8	12.0	15.6	11.5	15.6	2.39	9.43	2.50	5.29
16-85-	29	22.53	38.8	0.91	1.11	1.15	1.14	1.15	.604	321.4	12.6	12.5	12.7	16.4	11.7	11.8	15.5	11.6	15.3	2.38	9.43	2.50	5.07
16-85-	30	17.24	28.6	0.92	1.11	1.15	1.14	1.17	.585	240.3	11.5	11.6	11.4	15.0	10.6	10.7	14.3	10.3	13.9	2.35	9.68	2.50	5.23
16-85-	31	14.17	24.8	0.91	1.11	1.16	1.15	1.18	.575	196.4	10.7	10.8	10.6	14.0	9.8	9.9	13.3	9.5	12.9	2.34	9.72	2.50	5.58
16-85-	32	11.85	21.4	0.91	1.12	1.17	1.16	1.19	.567	163.9	10.3	10.4	10.2	13.6	9.4	9.6	12.8	9.1	12.4	2.33	9.72	2.50	5.57
16-85-	33	9.87	18.2	0.91	1.12	1.17	1.16	1.20	.564	138.1	10.1	10.1	9.9	13.2	9.1	9.3	12.5	8.8	12.1	2.32	9.60	2.50	5.50
16-85-	34	8.30	15.8	0.90	1.12	1.18	1.16	1.21	.557	116.1	9.6	9.7	9.5	12.7	8.7	8.9	12.0	8.3	11.5	2.31	9.60	2.50	5.62
16-85-	35	7.04	13.9	0.90	1.13	1.19	1.17	1.21	.549	98.4	9.2	9.3	9.1	12.3	8.3	8.5	11.5	7.5	11.0	2.30	9.59	2.50	5.68
16-85-	36	6.03	12.2	0.90	1.14	1.20	1.18	1.22	.541	83.8	9.1	9.1	9.0	12.1	8.1	8.3	11.3	7.8	10.8	2.29	9.62	2.50	5.54
16-85-	37	5.06	10.6	0.90	1.14	1.20	1.18	1.23	.532	70.1	8.7	8.7	8.6	11.6	7.7	8.0	10.8	7.3	10.3	2.27	9.64	2.50	5.53
16-85-	38	4.24	8.8	0.90	1.14	1.21	1.18	1.24	.523	58.7	8.7	8.6	8.5	11.4	7.6	7.9	10.7	7.2	10.1	2.26	9.66	2.50	5.22
16-85-	39	3.61	7.7	0.89	1.15	1.22	1.19	1.25	.512	49.5	8.4	8.3	8.3	11.1	7.3	7.6	10.3	6.9	9.8	2.24	9.74	2.50	5.18
16-85-	40	3.03	6.5	0.89	1.15	1.22	1.19	1.26	.503	41.3	8.6	8.5	8.4	11.3	7.5	7.7	10.5	7.0	9.9	2.23	9.76	2.50	4.67
16-85-	41	2.56	5.5	0.88	1.16	1.23	1.21	1.27	.491	34.6	8.2	8.2	8.1	11.0	7.1	7.4	10.1	6.7	9.5	2.21	9.86	2.50	4.64
16-85-	42	2.13	4.4	0.88	1.17	1.24	1.22	1.27	.475	28.3	8.4	8.3	8.4	11.2	7.2	7.5	10.2	6.8	9.7	2.18	10.02	2.50	4.14
16-85-	43	1.80	3.8	0.87	1.19	1.27	1.24	1.29	.452	22.9	8.3	8.2	8.5	11.3	7.1	7.4	9.9	6.8	9.6	2.14	10.42	2.50	3.86
16-85-	44	2.32	5.2	0.89	1.15	1.23	1.20	1.28	.482	31.1	8.5	8.3	8.2	11.0	7.3	7.6	10.3	6.8	9.5	2.19	9.94	2.50	4.26
16-85-	45	1.90	4.1	0.88	1.16	1.24	1.21	1.28	.465	24.9	8.6	8.4	8.4	11.3	7.4	7.7	10.4	6.5	9.7	2.16	10.15	2.50	3.79
16-85-	46	1.60	3.3	0.88	1.17	1.26	1.22	1.29	.447	20.5	8.6	8.5	8.6	11.4	7.4	7.7	10.4	6.5	9.7	2.13	10.38	2.50	3.44
16-85-	47	1.34	2.6	0.87	1.18	1.27	1.24	1.30	.424	16.5	8.8	8.6	8.8	11.7	7.5	7.8	10.4	7.1	9.9	2.08	10.79	2.50	3.00
16-85-	48	1.14	2.1	0.87	1.19	1.28	1.25	1.30	.402	13.5	9.5	9.3	9.6	12.6	8.0	8.4	11.1	7.7	10.7	2.04	11.20	2.50	2.44
16-85-	49	0.96	1.7	0.86	1.21	1.30	1.26	1.30	.376	11.0	9.9	9.7	10.2	13.2	8.4	8.7	11.4	8.1	11.1	1.98	11.72	2.50	2.04
16-85-	50	0.81	1.4	0.87	1.21	1.30	1.26	1.30	.356	9.0	10.7	10.3	11.0	14.1	9.0	9.4	12.2	8.8	11.9	1.93	12.07	2.50	1.67

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+h	H+R	H+RW	RH+	RH+R	AS	AR
16-85- 51	0.69	0.83	.01067	.01411	.00447	.00394	1.01	1.52	1.32	.703	.0615	.669	7.8	5.2	8.1	5.3	7.12	6.72	2.43	2.50
16-85- 52	24.04	45.66	.00890	.02100	.00496	.00488	0.97	4.74	1.73	.697	.0420	.803	316.5	135.1	340.4	145.3	3.90	3.21	2.40	2.50
16-85- 53	20.86	39.12	.00895	.02089	.00508	.00497	0.97	4.60	1.71	.696	.0424	.800	273.6	118.5	293.9	127.3	3.95	3.27	2.40	2.50
16-85- 54	24.83	47.23	.00895	.02123	.00488	.00486	0.97	4.82	1.76	.698	.0419	.805	327.8	135.0	353.6	145.6	3.84	3.13	2.40	2.50
16-85- 55	22.00	41.22	.00900	.02114	.00498	.00497	0.97	4.70	1.77	.698	.0422	.801	288.5	118.5	311.4	127.9	3.88	3.17	2.40	2.50
16-85- 56	18.83	34.17	.00875	.01989	.00511	.00502	0.97	4.33	1.73	.697	.0431	.792	239.1	103.3	256.9	111.0	4.24	3.54	2.40	2.50
16-85- 57	16.10	28.94	.00886	.01993	.00524	.00510	0.97	4.21	1.70	.696	.0435	.789	204.7	90.5	219.5	97.5	4.25	3.57	2.40	2.50
16-85- 58	13.52	23.90	.00897	.01991	.00538	.00523	0.97	4.07	1.69	.695	.0439	.785	171.4	77.1	183.5	82.6	4.28	3.62	2.40	2.50
16-85- 59	11.34	19.58	.00906	.01977	.00554	.00538	0.97	3.91	1.69	.695	.0445	.780	142.4	64.6	152.4	69.1	4.35	3.69	2.40	2.50
16-85- 60	9.43	16.08	.00929	.02009	.00562	.00547	0.97	3.83	1.69	.695	.0448	.777	119.0	53.9	127.4	57.7	4.29	3.64	2.41	2.50
16-85- 61	7.88	13.24	.00949	.02025	.00570	.00555	0.98	3.73	1.70	.695	.0452	.773	99.7	45.2	106.7	48.4	4.27	3.61	2.41	2.50
16-85- 62	6.62	10.83	.00954	.01995	.00571	.00557	0.98	3.55	1.70	.695	.0460	.767	82.6	37.5	88.4	40.1	4.40	3.74	2.41	2.50
16-85- 63	5.62	8.89	.00951	.01930	.00573	.00559	0.98	3.33	1.70	.695	.0469	.759	68.7	31.4	73.4	33.6	4.62	3.96	2.41	2.50
16-85- 64	4.82	7.55	.00971	.01955	.00578	.00563	0.98	3.27	1.70	.696	.0473	.756	59.2	27.2	63.3	29.1	4.58	3.92	2.41	2.50
16-85- 65	3.97	5.88	.00956	.01825	.00561	.00551	0.99	2.95	1.72	.696	.0490	.743	46.7	21.4	50.0	22.8	5.03	4.35	2.41	2.50
16-85- 66	3.45	4.92	.00948	.01741	.00555	.00544	0.99	2.74	1.72	.696	.0503	.734	39.5	18.2	42.2	19.5	5.35	4.66	2.42	2.50
16-85- 67	2.84	3.93	.00963	.01712	.00535	.00526	1.00	2.58	1.73	.696	.0513	.727	32.1	14.8	34.3	15.8	5.50	4.80	2.42	2.50
16-85- 68	2.37	3.06	.00946	.01571	.00515	.00507	1.01	2.29	1.74	.697	.0537	.711	25.5	11.8	27.2	12.7	6.10	5.38	2.42	2.50
16-85- 69	2.19	2.82	.00952	.01568	.00502	.00496	1.00	2.24	1.74	.696	.0541	.709	23.6	10.9	25.3	11.6	6.14	5.41	2.42	2.50
16-85- 70	1.79	2.15	.00942	.01428	.00458	.00454	1.02	1.96	1.75	.696	.0570	.692	18.4	8.5	19.7	9.1	6.83	6.06	2.42	2.50
16-85- 71	1.52	1.84	.00948	.01361	.00414	.00413	1.02	1.79	1.78	.697	.0584	.685	15.8	6.9	17.0	7.4	7.18	6.34	2.43	2.50
16-85- 72	1.28	1.38	.00951	.01260	.00377	.00378	1.04	1.60	1.79	.697	.0619	.668	12.3	5.6	13.2	6.0	7.83	7.00	2.43	2.50
16-85- 73	1.08	1.14	.00947	.01165	.00359	.00359	1.04	1.42	1.79	.697	.0648	.656	10.3	4.6	11.1	4.9	8.49	7.60	2.43	2.50
16-85- 74	0.91	0.91	.00959	.01100	.00342	.00342	1.05	1.29	1.79	.697	.0677	.644	8.5	3.8	9.1	4.1	9.00	8.10	2.43	2.50
16-85- 75	22.95	40.04	.00862	.01986	.00465	.00509	0.98	4.52	2.11	.694	.0432	.793	280.8	91.3	309.6	100.6	4.26	3.33	2.40	2.50
16-85- 76	20.00	34.14	.00868	.01970	.00476	.00522	0.98	4.37	2.12	.693	.0437	.788	241.9	79.2	266.6	87.2	4.33	3.40	2.40	2.50
16-85- 77	17.93	29.64	.00851	.01877	.00482	.00525	0.99	4.30	2.10	.693	.0445	.781	210.2	70.8	231.1	77.8	4.62	3.69	2.40	2.50
16-85- 78	15.58	25.49	.00862	.01883	.00490	.00530	0.99	4.01	2.08	.692	.0448	.778	182.8	62.7	200.7	68.8	4.62	3.70	2.40	2.50
16-85- 79	12.79	20.39	.00874	.01870	.00506	.00545	0.99	3.84	2.06	.692	.0454	.772	148.5	52.4	162.7	57.3	4.70	3.80	2.40	2.50
16-85- 80	10.58	16.28	.00879	.01833	.00518	.00557	0.99	3.63	2.06	.691	.0463	.765	120.4	43.1	131.7	47.1	4.86	3.96	2.41	2.50
16-85- 81	8.93	13.38	.00888	.01810	.00524	.00563	1.00	3.48	2.06	.691	.0470	.759	100.4	36.4	109.6	39.7	4.96	4.07	2.41	2.50
16-85- 82	7.49	10.94	.00903	.01796	.00523	.00563	1.00	3.33	2.06	.691	.0477	.754	83.4	30.4	91.0	33.2	5.04	4.15	2.41	2.50
16-85- 83	6.53	9.25	.00898	.01747	.00522	.00563	1.00	3.16	2.07	.691	.0486	.747	71.3	26.0	77.8	28.4	5.24	4.34	2.41	2.50
16-85- 84	5.53	7.50	.00899	.01671	.00512	.00554	1.02	2.93	2.08	.692	.0499	.737	58.5	21.7	63.8	23.6	5.56	4.65	2.41	2.50
16-85- 85	4.59	5.93	.00895	.01573	.00489	.00530	1.03	2.66	2.08	.692	.0516	.725	46.9	17.6	51.1	19.1	5.99	5.06	2.41	2.50
16-85- 86	3.91	5.15	.00891	.01495	.00473	.00513	1.03	2.43	2.10	.692	.0526	.719	40.6	14.4	44.4	15.8	6.33	5.34	2.42	2.50
16-85- 87	3.32	3.79	.00880	.01354	.00451	.00491	1.05	2.15	2.10	.692	.0560	.699	30.9	12.0	33.6	13.0	7.09	6.12	2.42	2.50
16-85- 88	2.79	3.16	.00870	.01248	.00423	.00462	1.06	1.90	2.12	.692	.0581	.688	25.8	9.5	28.2	10.4	7.70	6.65	2.42	2.50
16-85- 89	2.40	2.33	.00864	.01101	.00389	.00427	1.10	1.64	2.14	.692	.0628	.665	19.8	7.9	21.4	8.5	8.73	7.69	2.42	2.50
16-85- 90	2.04	1.86	.00869	.01015	.00355	.00390	1.11	1.46	2.14	.692	.0659	.651	16.2	6.5	17.5	7.1	9.43	8.36	2.42	2.50
16-85- 91	1.76	1.38	.00844	.00834	.00316	.00349	1.15	1.16	2.15	.692	.0736	.624	12.5	5.2	13.5	5.611	1.910	0.4	2.42	2.50
16-85- 92	1.48	1.09	.00848	.00763	.00288	.00317	1.17	1.03	2.15	.692	.0778	.610	10.1	4.3	10.8	4.612	.0510	.87	2.44	2.50
16-85- 93	2.09	1.90	.00864	.01021	.00359	.00398	1.11	1.48	2.17	.693	.0659	.652	16.5	6.5	17.9	7.1	9.41	8.32	2.42	2.50
16-85- 94	1.72	1.41	.00864	.00893	.00319	.00353	1.14	1.24	2.16	.692	.0715	.631	12.7	5.1	13.7	5.610	.61	9.48	2.42	2.50
16-85- 95	1.43	1.09	.00872	.00807	.00287	.00317	1.16	1.08	2.16	.692	.0762	.616	10.0	4.2	10.8	4.511	.5710	.40	2.44	2.50
16-85- 96	1.18	0.89	.00894	.00787	.00261	.00286	1.18	1.02	2.14	.691	.0773	.612	8.3	3.5	8.9	3.811	.8110	.65	2.50	2.50
16-85- 97	0.75	0.73	.00981	.01069	.00336	.00334	1.06	1.20	1.77	.696	.0703	.635	6.9	3.2	7.4	3.4	9.34	8.44	2.43	2.50
16-85- 98	0.59	0.58	.01017	.01093	.00348	.00343	1.06	1.16	1.74	.695	.0712	.633	5.6	2.6	6.0	2.7	9.36	8.47	2.48	2.50
16-70- 99	2.52	4.51	.01311	.02577	.0	.0	0.97	3.51	1.00	.705	.0599	.819	55.2	55.2	55.2	55.2	3.93	3.93	2.42	2.50
16-70-100	22.42	46.18	.01138	.02602	.0	.0	0.97	5.49	1.00	.704	.0536	.862	491.7	491.7	491.7	491.7	3.59	3.59	2.40	2.50

RUN NO.	RE*E4	QC	KW/M2>	ST+ /	ST* /	ST1* /	STT* /	STIF /	A1/AB	H+	G+	GPRI	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP
16-85-51	0.69	1.1	0.87	1.20	1.29	1.25	1.28	.354	7.8	11.7	11.3	12.0	15.3	9.9	10.4	13.3	9.5	13.1	1.93	11.91	2.50	1.30	
16-85-52	24.04	118.4	0.91	1.15	1.20	1.19	1.18	.584	316.5	12.9	10.4	13.0	14.9	11.3	11.4	13.9	11.7	13.5	2.35	9.76	2.50	6.19	
16-85-53	20.86	105.2	0.91	1.15	1.21	1.20	1.19	.578	273.6	12.4	10.1	12.5	14.4	10.8	11.0	13.4	11.1	13.0	2.34	9.78	2.50	6.29	
16-85-54	24.83	121.3	0.91	1.15	1.21	1.20	1.17	.587	327.8	13.3	10.6	13.5	15.2	11.6	11.8	14.1	12.1	13.8	2.35	9.71	2.50	6.06	
16-85-55	22.00	110.9	0.91	1.15	1.22	1.20	1.18	.581	288.5	12.9	10.2	13.1	14.7	11.2	11.3	13.6	11.6	13.2	2.34	9.73	2.50	6.25	
16-85-56	18.83	95.0	0.90	1.16	1.23	1.22	1.19	.564	239.1	11.8	9.6	12.0	13.8	10.1	10.3	12.5	10.6	12.3	2.32	10.03	2.50	6.67	
16-85-57	16.10	83.0	0.90	1.17	1.23	1.22	1.20	.558	204.7	11.4	9.3	11.6	13.4	9.7	9.9	12.2	10.1	11.9	2.31	10.02	2.50	6.68	
16-85-58	13.52	72.2	0.90	1.17	1.24	1.23	1.21	.550	171.4	10.9	8.9	11.1	12.9	9.2	9.4	11.6	9.6	11.3	2.30	10.02	2.50	6.83	
16-85-59	11.34	61.9	0.89	1.19	1.26	1.24	1.22	.541	142.4	10.3	8.5	10.5	12.3	8.6	8.8	10.9	9.0	10.7	2.28	10.06	2.50	7.14	
16-85-60	9.43	52.3	0.89	1.19	1.26	1.25	1.23	.535	119.0	10.2	8.4	10.4	12.2	8.4	8.6	10.8	8.8	10.5	2.28	9.98	2.50	6.87	
16-85-61	7.88	44.8	0.89	1.20	1.27	1.25	1.23	.529	99.7	10.0	8.2	10.3	12.0	8.3	8.5	10.6	8.7	10.3	2.27	9.93	2.50	6.64	
16-85-62	6.62	37.9	0.88	1.21	1.29	1.27	1.24	.517	82.6	9.9	8.1	10.2	11.8	8.0	8.2	10.3	8.5	10.1	2.25	10.01	2.50	6.44	
16-85-63	5.62	32.4	0.88	1.22	1.30	1.28	1.26	.503	68.7	9.5	7.8	9.9	11.5	7.6	7.9	9.9	8.1	9.6	2.22	10.18	2.50	6.40	
16-85-64	4.82	27.0	0.88	1.22	1.31	1.28	1.26	.499	59.2	9.5	7.8	9.8	11.5	7.6	7.9	9.9	8.0	9.6	2.22	10.11	2.50	6.09	
16-85-65	3.97	22.4	0.87	1.24	1.33	1.30	1.27	.475	46.7	9.5	7.7	9.9	11.4	7.4	7.7	9.6	7.9	9.4	2.18	10.47	2.50	5.68	
16-85-66	3.45	19.1	0.87	1.25	1.35	1.32	1.29	.459	39.5	9.3	7.5	9.8	11.3	7.2	7.5	9.3	7.7	9.1	2.15	10.72	2.50	5.53	
16-85-67	2.84	15.1	0.87	1.25	1.35	1.32	1.28	.447	32.1	9.8	7.9	10.3	11.8	7.6	7.8	9.8	8.2	9.6	2.12	10.81	2.50	4.65	
16-85-68	2.37	12.2	0.86	1.27	1.38	1.35	1.30	.421	25.5	9.8	7.9	10.5	11.9	7.4	7.7	9.6	8.1	9.5	2.07	11.28	2.50	4.29	
16-85-69	2.19	11.2	0.87	1.27	1.37	1.34	1.29	.417	23.6	10.2	8.2	10.8	12.3	7.9	8.2	10.1	8.4	9.9	2.07	11.29	2.50	3.83	
16-85-70	1.79	8.4	0.87	1.27	1.38	1.35	1.29	.390	18.4	11.1	8.9	11.9	13.4	8.5	8.9	10.8	9.3	10.7	2.01	11.83	2.50	2.95	
16-85-71	1.52	6.5	0.87	1.26	1.38	1.36	1.26	.379	15.8	12.5	9.9	13.5	15.0	9.7	10.0	12.0	10.9	12.4	1.98	12.12	2.50	2.11	
16-85-72	1.28	5.0	0.88	1.27	1.38	1.34	1.26	.352	12.3	13.9	11.0	15.1	16.6	10.8	11.2	13.3	12.0	13.4	1.92	12.60	2.50	1.62	
16-85-73	1.08	4.0	0.87	1.27	1.40	1.37	1.25	.332	10.3	14.0	11.1	15.4	17.0	10.9	11.2	13.4	12.3	13.8	1.87	13.10	2.50	1.45	
16-85-74	0.91	3.3	0.87	1.28	1.42	1.38	1.25	.315	8.5	14.6	11.5	16.1	17.7	11.1	11.6	13.8	12.8	14.4	1.82	13.48	2.50	1.27	
16-85-75	22.95	178.8	0.91	1.19	1.26	1.25	1.19	.564	280.8	13.6	9.6	14.0	14.1	11.3	11.4	12.9	12.2	12.3	2.32	10.03	2.50	6.62	
16-85-76	20.00	160.9	0.90	1.20	1.27	1.26	1.20	.556	241.9	13.1	9.2	13.5	13.6	10.7	10.8	12.2	11.6	11.7	2.30	10.08	2.50	6.93	
16-85-77	17.93	145.5	0.90	1.21	1.29	1.28	1.21	.542	210.2	12.4	8.8	12.9	13.1	9.9	10.1	11.5	10.9	11.1	2.28	10.32	2.50	7.26	
16-85-78	15.58	130.1	0.90	1.21	1.29	1.28	1.21	.537	182.8	12.1	8.7	12.6	12.9	9.7	9.8	11.3	10.6	10.9	2.28	10.31	2.50	7.15	
16-85-79	12.79	109.4	0.89	1.23	1.31	1.30	1.23	.527	148.5	11.4	8.2	11.9	12.3	9.0	9.1	10.6	9.9	10.2	2.26	10.34	2.50	7.48	
16-85-80	10.58	92.9	0.89	1.24	1.33	1.32	1.24	.514	120.4	10.8	7.8	11.4	11.7	8.3	8.5	9.9	9.3	9.6	2.24	10.45	2.50	7.76	
16-85-81	8.93	79.7	0.89	1.25	1.35	1.33	1.25	.503	100.4	10.5	7.6	11.2	11.5	7.9	8.1	9.5	9.0	9.3	2.22	10.51	2.50	7.73	
16-85-82	7.49	67.2	0.88	1.26	1.36	1.34	1.25	.494	83.4	10.5	7.6	11.3	11.5	7.9	8.0	9.5	9.0	9.2	2.21	10.55	2.50	7.32	
16-85-83	6.53	58.1	0.88	1.27	1.37	1.35	1.26	.481	71.3	10.3	7.4	11.1	11.3	7.6	7.8	9.2	8.7	8.9	2.18	10.70	2.50	7.17	
16-85-84	5.53	48.4	0.88	1.29	1.39	1.37	1.27	.465	58.5	10.4	7.4	11.2	11.4	7.5	7.7	9.1	8.7	8.8	2.16	10.94	2.50	6.75	
16-85-85	4.59	38.3	0.88	1.30	1.41	1.39	1.27	.445	46.9	10.7	7.6	11.7	11.8	7.7	7.9	9.2	9.0	9.1	2.12	11.28	2.50	5.87	
16-85-86	3.91	31.7	0.87	1.30	1.44	1.42	1.26	.434	40.6	10.7	7.6	11.9	12.0	7.6	7.7	9.1	9.3	9.4	2.10	11.57	2.50	5.24	
16-85-87	3.32	25.6	0.88	1.34	1.46	1.43	1.28	.400	30.9	11.0	7.8	12.4	12.3	7.6	7.8	9.2	9.2	9.2	2.03	12.15	2.50	4.87	
16-85-88	2.79	20.3	0.87	1.33	1.49	1.46	1.27	.382	25.8	11.4	8.0	12.9	12.9	7.7	8.0	9.4	9.8	9.7	1.99	12.66	2.50	4.10	
16-85-89	2.40	16.3	0.88	1.38	1.51	1.47	1.27	.346	19.8	12.1	8.5	14.1	13.8	8.1	8.4	9.8	10.2	10.0	1.90	13.48	2.50	3.50	
16-85-90	2.04	12.5	0.88	1.39	1.51	1.48	1.26	.325	16.2	13.3	9.3	15.6	15.2	8.9	9.2	10.7	11.4	11.1	1.85	14.04	2.50	2.67	
16-85-91	1.76	9.6	0.88	1.42	1.55	1.52	1.26	.284	12.5	13.9	9.7	16.7	16.1	9.1	9.4	11.0	11.9	11.5	1.73	15.48	2.50	2.25	
16-85-92	1.48	7.4	0.89	1.42	1.55	1.51	1.24	.264	10.1	15.1	10.6	18.3	17.8	10.1	10.4	12.0	13.2	12.7	1.67	16.20	2.50	1.70	
16-85-93	2.09	13.1	0.88	1.39	1.52	1.48	1.27	.326	16.5	13.1	9.1	15.3	14.8	8.8	9.1	10.5	11.1	10.7	1.85	13.99	2.50	2.90	
16-85-94	1.72	9.4	0.89	1.40	1.54	1.50	1.25	.294	12.7	14.4	10.0	17.1	16.6	9.6	9.9	11.5	12.4	11.9	1.76	14.96	2.50	2.14	
16-85-95	1.43	7.1	0.89	1.41	1.54	1.50	1.22	.272	10.0	15.8	11.0	19.0	18.4	10.6	10.9	12.6	13.9	13.3	1.69	15.74	2.50	1.59	
16-85-96	1.18	5.3	0.90	1.39	1.50	1.47	1.18	.267	8.3	18.0	12.6	21.9	21.3	12.4	12.7	14.6	16.2	15.8	1.68	15.94	2.50	1.12	
16-85-97	0.75	2.6	0.87	1.28	1.41	1.38	1.25	.301	6.9	14.7	11.7	16.2	18.0	11.4	11.7	14.0	12.9	14.6	1.78	13.68	2.50	1.17	
16-85-98	0.59	2.1	0.86	1.28	1.44	1.40	1.26	.298	5.6	14.1	11.4	15.6	17.6	10.9	11.3	13.6	12.5	14.3	1.77	13.53	2.50	1.35	
16-70-99	2.52	0.0	0.0	0.0	0.0	0.0	0.0	.615	55.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.95	8.81			
16-70-100	22.42	0.0	0.0	0.0	0.0	0.0	0.0	.699	491.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.08	8.77			

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+h	H+R	H+RW	RH+	RH+R	AS	AR
16-70-101	18.92	38.36	.01126	.02531	.0	.0	0.97	5.19	1.00	.704	.0542	.857	409.3	409.3	409.3	409.3	3.74	3.74	2.40	2.50
16-70-102	13.13	26.07	.01148	.02526	.0	.0	0.97	4.84	1.00	.706	.0551	.851	283.8	283.8	283.8	283.8	3.79	3.79	2.40	2.50
16-70-103	9.22	18.02	.01191	.02580	.0	.0	0.97	4.61	1.00	.706	.0558	.846	201.5	201.5	201.5	201.5	3.73	3.73	2.41	2.50
16-70-104	7.64	14.77	.01208	.02588	.0	.0	0.97	4.45	1.00	.707	.0563	.843	167.2	167.2	167.2	167.2	3.74	3.74	2.41	2.50
16-70-105	6.49	12.41	.01223	.02592	.0	.0	0.97	4.31	1.00	.707	.0567	.840	142.1	142.1	142.1	142.1	3.75	3.75	2.41	2.50
16-70-106	5.24	9.90	.01250	.02617	.0	.0	0.97	4.16	1.00	.705	.0573	.836	115.3	115.3	115.3	115.3	3.73	3.73	2.41	2.50
16-70-107	4.21	7.84	.01272	.02622	.0	.0	0.97	3.98	1.00	.705	.0579	.832	92.7	92.7	92.7	92.7	3.76	3.76	2.42	2.50
16-70-108	3.28	6.01	.01297	.02624	.0	.0	0.97	3.78	1.00	.705	.0588	.827	72.4	72.4	72.4	72.4	3.79	3.79	2.42	2.50
16-70-109	2.24	3.95	.01316	.02551	.0	.0	0.97	3.39	1.00	.705	.0606	.816	48.7	48.7	48.7	48.7	4.00	4.00	2.43	2.50
16-70-110	1.79	3.09	.01323	.02493	.0	.0	0.97	3.16	1.00	.705	.0618	.809	38.7	38.7	38.7	38.7	4.16	4.16	2.43	2.50
16-70-111	1.84	3.20	.01353	.02592	.0	.0	0.97	3.28	1.00	.706	.0612	.812	40.3	40.3	40.3	40.3	3.99	3.99	2.43	2.50
16-70-112	1.54	2.64	.01372	.02582	.0	.0	0.97	3.14	1.00	.707	.0620	.807	33.8	33.8	33.8	33.8	4.04	4.04	2.43	2.50
16-70-113	1.31	2.16	.01332	.02394	.0	.0	0.97	2.82	1.00	.707	.0640	.797	27.7	27.7	27.7	27.7	4.47	4.47	2.43	2.50
16-70-114	1.09	1.74	.01312	.02255	.0	.0	0.98	2.56	1.00	.707	.0660	.787	22.5	22.5	22.5	22.5	4.82	4.82	2.44	2.50
16-70-115	0.93	1.42	.01288	.02111	.0	.0	0.98	2.32	1.00	.707	.0682	.776	18.5	18.5	18.5	18.5	5.23	5.23	2.44	2.50
16-70-116	0.78	1.15	.01268	.01976	.0	.0	0.98	2.09	1.00	.707	.0706	.766	15.2	15.2	15.2	15.2	5.66	5.66	2.44	2.50
16-70-117	0.66	0.91	.01210	.01725	.0	.0	0.99	1.77	1.00	.707	.0751	.748	12.0	12.0	12.0	12.0	6.55	6.55	2.45	2.50
16-70-118	22.08	43.78	.01080	.02453	.00535	.00461	0.96	5.25	1.24	.699	.0546	.855	463.6	323.9	477.7	333.8	3.90	3.63	2.40	2.50
16-70-119	17.80	35.02	.01100	.02478	.00553	.00475	0.96	5.09	1.24	.699	.0549	.853	376.1	262.3	387.6	270.4	3.87	3.60	2.40	2.50
16-70-120	14.38	28.03	.01113	.02474	.00611	.00522	0.96	4.87	1.22	.698	.0554	.849	304.2	217.9	312.9	224.1	3.90	3.65	2.40	2.50
16-70-121	12.01	23.07	.01127	.02485	.00606	.00518	0.96	4.74	1.22	.698	.0559	.846	253.7	181.1	261.0	186.3	3.90	3.65	2.40	2.50
16-70-122	10.03	19.08	.01141	.02488	.00634	.00542	0.96	4.58	1.22	.698	.0563	.843	212.2	152.2	218.2	156.5	3.92	3.67	2.41	2.50
16-70-123	8.47	16.08	.01160	.02497	.00644	.00554	0.96	4.43	1.24	.699	.0567	.841	180.5	125.1	186.2	129.0	3.92	3.65	2.41	2.50
16-70-124	7.13	13.38	.01189	.02558	.00663	.00569	0.96	4.39	1.23	.699	.0570	.838	153.2	108.0	157.7	111.2	3.82	3.57	2.41	2.50
16-70-125	5.90	10.92	.01204	.02560	.00686	.00589	0.96	4.23	1.23	.699	.0576	.835	126.6	89.0	130.4	91.7	3.85	3.59	2.41	2.50
16-70-126	4.93	9.00	.01220	.02566	.00712	.00611	0.96	4.09	1.23	.699	.0581	.831	105.8	74.4	109.0	76.6	3.86	3.60	2.41	2.50
16-70-127	4.15	7.48	.01240	.02576	.00725	.00622	0.96	3.96	1.23	.699	.0586	.828	89.1	62.7	91.8	64.6	3.87	3.61	2.42	2.50
16-70-128	3.45	6.08	.01256	.02575	.00737	.00633	0.96	3.81	1.24	.699	.0594	.823	73.7	52.0	75.9	53.5	3.91	3.65	2.42	2.50
16-70-129	2.94	5.09	.01265	.02571	.00743	.00639	0.96	3.69	1.24	.699	.0601	.819	62.5	43.9	64.4	45.2	3.94	3.68	2.42	2.50
16-70-130	2.41	4.09	.01272	.02536	.00756	.00652	0.95	3.49	1.24	.699	.0611	.813	51.0	35.6	52.5	36.7	4.05	3.79	2.42	2.50
16-70-131	1.70	2.74	.01271	.02416	.00726	.00628	0.96	3.09	1.26	.700	.0637	.800	35.0	24.0	36.1	24.8	4.44	4.16	2.43	2.50
16-70-132	1.43	2.24	.01267	.02325	.00714	.00619	0.96	2.86	1.26	.700	.0651	.792	28.9	19.5	29.8	20.5	4.68	4.39	2.43	2.50
16-70-133	1.22	1.82	.01239	.02162	.00688	.00596	0.97	2.58	1.26	.700	.0674	.781	23.6	16.4	24.4	16.9	5.11	4.82	2.43	2.50
16-70-134	1.03	1.47	.01218	.02024	.00659	.00572	0.97	2.33	1.26	.700	.0697	.770	19.2	13.3	19.9	13.8	5.53	5.23	2.44	2.50
16-70-135	0.86	1.16	.01183	.01831	.00613	.00533	0.98	2.04	1.27	.700	.0732	.756	15.4	10.6	15.9	11.0	6.18	5.86	2.44	2.50
16-70-136	0.73	0.93	.01155	.01662	.00571	.00496	0.99	1.79	1.27	.701	.0770	.742	12.5	8.7	12.8	8.9	6.85	6.52	2.44	2.50
16-70-137	0.63	0.75	.01127	.01504	.00531	.00464	0.99	1.57	1.28	.702	.0814	.727	10.2	7.0	10.5	7.2	7.60	7.24	2.44	2.50
16-70-138	0.53	0.59	.01107	.01360	.00490	.00429	1.00	1.37	1.29	.702	.0864	.712	8.2	5.6	8.5	5.8	8.37	7.99	2.45	2.50
16-70-139	20.42	37.96	.01021	.02324	.00527	.00510	0.95	5.02	1.63	.693	.0561	.846	405.5	182.6	434.2	195.6	4.23	3.62	2.40	2.50
16-70-140	16.45	30.36	.01052	.02383	.00551	.00528	0.95	4.93	1.61	.692	.0563	.844	330.4	152.8	353.0	163.3	4.12	3.54	2.40	2.50
16-70-141	13.29	24.10	.01065	.02381	.00569	.00544	0.95	4.74	1.60	.691	.0569	.840	265.9	124.1	283.9	132.5	4.15	3.57	2.40	2.50
16-70-142	11.06	19.84	.01082	.02410	.00598	.00571	0.95	4.63	1.59	.691	.0573	.838	222.2	104.7	237.0	111.7	4.12	3.55	2.40	2.50
16-70-143	9.13	16.15	.01100	.02422	.00610	.00581	0.95	4.49	1.59	.691	.0578	.834	183.4	87.1	195.6	92.9	4.11	3.55	2.41	2.50
16-70-144	7.62	13.30	.01122	.02453	.00627	.00598	0.95	4.38	1.59	.691	.0583	.831	153.5	72.8	163.6	77.7	4.08	3.52	2.41	2.50
16-70-145	6.42	11.12	.01148	.02505	.00653	.00621	0.94	4.32	1.59	.690	.0585	.830	130.6	62.2	139.2	66.3	3.99	3.44	2.41	2.50
16-70-146	5.39	9.19	.01169	.02518	.00654	.00625	0.95	4.19	1.60	.691	.0591	.826	109.4	52.0	116.7	55.4	3.99	3.44	2.41	2.50
16-70-147	4.71	7.80	.01171	.02480	.00653	.00634	0.95	4.03	1.64	.693	.0599	.821	93.9	43.1	100.3	46.0	4.10	3.52	2.41	2.50
16-70-148	3.97	6.39	.01167	.02416	.00659	.00641	0.95	3.80	1.65	.693	.0610	.815	77.6	35.6	82.9	38.1	4.27	3.68	2.42	2.50
16-70-149	3.32	5.17	.01154	.02312	.00653	.00636	0.96	3.51	1.65	.693	.0624	.807	63.2	29.3	67.6	31.3	4.53	3.94	2.42	2.50
16-70-150	2.75	4.11	.01145	.02211	.00634	.00620	0.96	3.24	1.66	.693	.0640	.799	50.8	23.5	54.3	25.1	4.81	4.20	2.42	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPR1	G*	G*R	G*1	GT	GTR	CTF	CTFR	X	YR	AH	TP		
16-70-101	18.92	0.0	0.0	0.0	0.0	0.0	.689	409.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.06	8.89				
16-70-102	13.13	0.0	0.0	0.0	0.0	0.0	.676	283.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.05	8.90				
16-70-103	9.22	0.0	0.0	0.0	0.0	0.0	.667	201.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.03	8.80				
16-70-104	7.64	0.0	0.0	0.0	0.0	0.0	.660	167.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.02	8.79				
16-70-105	6.49	0.0	0.0	0.0	0.0	0.0	.654	142.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.01	8.78				
16-70-106	5.24	0.0	0.0	0.0	0.0	0.0	.647	115.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00	8.74				
16-70-107	4.21	0.0	0.0	0.0	0.0	0.0	.639	92.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.99	8.73				
16-70-108	3.28	0.0	0.0	0.0	0.0	0.0	.629	72.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.98	8.73				
16-70-109	2.24	0.0	0.0	0.0	0.0	0.0	.608	48.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.94	8.85				
16-70-110	1.79	0.0	0.0	0.0	0.0	0.0	.595	38.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.92	8.96				
16-70-111	1.84	0.0	0.0	0.0	0.0	0.0	.601	40.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.93	8.78				
16-70-112	1.54	0.0	0.0	0.0	0.0	0.0	.592	33.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.92	8.80				
16-70-113	1.31	0.0	0.0	0.0	0.0	0.0	.573	27.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.88	9.14				
16-70-114	1.09	0.0	0.0	0.0	0.0	0.0	.554	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.85	9.42				
16-70-115	0.93	0.0	0.0	0.0	0.0	0.0	.535	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.81	9.73				
16-70-116	0.78	0.0	0.0	0.0	0.0	0.0	.515	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.77	10.06				
16-70-117	0.66	0.0	0.0	0.0	0.0	0.0	.483	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.71	10.77				
16-70-118	22.08	49.8	0.94	1.07	1.09	1.09	1.16	.659	463.6	14.2	14.4	13.8	17.8	13.8	13.5	17.8	12.7	16.7	2.06	9.03	2.50	4.28
16-70-119	17.80	42.3	0.94	1.07	1.09	1.08	1.16	.653	376.1	13.8	14.0	13.3	17.1	13.4	13.5	17.3	12.2	16.0	2.05	8.98	2.50	4.21
16-70-120	14.38	35.0	0.95	1.06	1.08	1.08	1.18	.645	304.2	12.1	12.4	11.5	15.0	11.7	11.8	15.3	10.3	13.9	2.04	8.99	2.50	5.05
16-70-121	12.01	29.5	0.94	1.07	1.09	1.09	1.18	.638	253.7	12.2	12.5	11.6	15.2	11.8	11.8	15.4	10.5	14.0	2.03	8.97	2.50	4.68
16-70-122	10.03	25.1	0.94	1.07	1.09	1.09	1.19	.631	212.2	11.5	11.7	10.9	14.3	11.0	11.1	14.5	9.7	13.1	2.02	8.97	2.50	4.95
16-70-123	8.47	23.7	0.95	1.05	1.08	1.07	1.19	.627	180.5	11.5	11.6	10.7	14.0	11.0	11.2	14.5	9.5	12.8	2.02	8.95	2.50	4.67
16-70-124	7.13	19.5	0.94	1.06	1.09	1.08	1.21	.622	153.2	11.1	11.3	10.3	13.6	10.6	10.7	14.0	9.1	12.4	2.01	8.84	2.50	4.73
16-70-125	5.90	16.9	0.94	1.07	1.10	1.09	1.22	.614	126.6	10.5	10.7	9.8	12.9	10.0	10.2	13.3	8.6	11.7	2.00	8.84	2.50	4.88
16-70-126	4.93	14.7	0.94	1.07	1.10	1.09	1.23	.607	105.8	10.0	10.2	9.2	12.3	9.5	9.7	12.7	8.0	11.0	1.99	8.83	2.50	4.97
16-70-127	4.15	12.6	0.94	1.07	1.11	1.09	1.24	.600	89.1	9.7	9.9	9.0	12.0	9.2	9.4	12.4	7.7	10.7	1.98	8.81	2.50	4.91
16-70-128	3.45	10.8	0.92	1.10	1.14	1.12	1.25	.590	73.7	9.3	9.4	8.8	11.7	8.7	8.9	11.7	7.4	10.3	1.96	8.81	2.50	5.07
16-70-129	2.94	9.2	0.92	1.09	1.13	1.11	1.26	.582	62.5	9.2	9.3	8.6	11.4	8.7	8.9	11.7	7.2	10.1	1.95	8.82	2.50	4.74
16-70-130	2.41	7.8	0.92	1.09	1.13	1.11	1.28	.570	51.0	8.9	9.0	8.2	11.0	8.3	8.5	11.3	6.8	9.6	1.93	8.88	2.50	4.64
16-70-131	1.70	5.5	0.92	1.10	1.14	1.12	1.30	.541	35.0	9.2	9.2	8.4	11.2	8.5	8.8	11.5	6.9	9.7	1.89	9.10	2.50	3.83
16-70-132	1.43	4.6	0.91	1.11	1.16	1.14	1.31	.526	28.9	9.1	9.1	8.5	11.2	8.4	8.6	11.3	6.8	9.6	1.86	9.27	2.50	3.63
16-70-133	1.22	3.7	0.90	1.13	1.18	1.16	1.33	.504	23.6	9.0	9.0	8.6	11.4	8.3	8.5	11.1	6.8	9.6	1.83	9.62	2.50	3.35
16-70-134	1.03	3.0	0.89	1.14	1.19	1.17	1.34	.483	19.3	9.2	9.2	8.8	11.6	8.4	8.6	11.2	6.9	9.7	1.79	9.94	2.50	2.96
16-70-135	0.86	2.4	0.89	1.16	1.21	1.19	1.35	.455	15.4	9.5	9.5	9.3	12.1	8.6	8.8	11.4	7.2	10.0	1.74	10.45	2.50	2.53
16-70-136	0.73	1.9	0.88	1.17	1.23	1.21	1.35	.428	12.5	9.8	9.8	9.7	12.7	8.9	9.0	11.7	7.6	10.5	1.68	10.97	2.50	2.18
16-70-137	0.63	1.5	0.87	1.19	1.24	1.23	1.37	.400	10.2	10.2	10.1	10.2	13.1	9.1	9.3	12.0	7.9	10.8	1.62	11.53	2.50	1.89
16-70-138	0.53	1.2	0.87	1.19	1.25	1.23	1.37	.372	8.2	10.8	10.6	10.8	13.8	9.6	9.8	12.5	8.4	11.3	1.56	12.13	2.50	1.57
16-70-139	20.42	145.2	0.92	1.10	1.13	1.13	1.19	.638	405.5	13.8	11.6	13.4	15.5	13.1	13.1	15.6	12.1	14.2	2.03	9.28	2.50	5.27
16-70-140	16.45	121.8	0.92	1.10	1.13	1.13	1.20	.634	330.4	13.2	11.3	12.8	14.9	12.5	12.5	15.1	11.5	13.6	2.02	9.16	2.50	5.35
16-70-141	13.29	101.7	0.92	1.11	1.14	1.14	1.21	.625	265.9	12.6	10.7	12.2	14.3	11.8	11.9	14.3	10.9	12.9	2.01	9.16	2.50	5.47
16-70-142	11.06	88.4	0.92	1.11	1.14	1.14	1.22	.620	222.2	11.8	10.1	11.4	13.4	11.0	11.1	13.5	10.0	12.0	2.00	9.11	2.50	5.81
16-70-143	9.13	74.3	0.91	1.12	1.15	1.14	1.23	.613	183.4	11.5	9.9	11.1	13.1	10.7	10.8	13.2	9.7	11.7	1.99	9.09	2.50	5.69
16-70-144	7.62	64.3	0.91	1.12	1.16	1.15	1.24	.607	153.5	11.1	9.5	10.7	12.7	10.3	10.4	12.7	9.3	11.2	1.99	9.03	2.50	5.75
16-70-145	6.42	56.5	0.91	1.12	1.16	1.15	1.25	.603	130.6	10.6	9.2	10.2	12.1	9.8	10.0	12.2	8.8	10.7	1.98	8.94	2.50	5.89
16-70-146	5.39	47.2	0.91	1.13	1.17	1.16	1.25	.596	109.4	10.6	9.1	10.2	12.1	9.7	9.9	12.1	8.8	10.6	1.97	8.91	2.50	5.59
16-70-147	4.71	41.9	0.90	1.15	1.19	1.18	1.26	.586	93.9	10.5	8.8	10.2	11.8	9.4	9.6	11.6	8.6	10.2	1.95	8.98	2.50	5.66
16-70-148	3.97	35.9	0.90	1.16	1.20	1.19	1.28	.573	77.6	10.1	8.5	9.9	11.5	9.0	9.2	11.1	8.2	9.8	1.93	9.10	2.50	5.66
16-70-149	3.32	29.7	0.89	1.17	1.22	1.21	1.29	.556	63.2	9.9	8.3	9.8	11.3	8.7	8.9	10.8	8.0	9.5	1.91	9.30	2.50	5.44
16-70-150	2.75	24.0	0.89	1.19	1.24	1.22	1.30	.539	50.8	10.0	8.3	10.0	11.4	8.7	8.9	10.8	8.1	9.5	1.88	9.51	2.50	4.94

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/T8	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
16-70-151	2.31	3.32	.01134	.021C5	.00624	.00611	0.97	2.98	1.66	.693	.0657	.790	41.5	19.4	44.3	20.7	5.12	4.50	2.42	2.50
16-70-152	1.58	2.17	.01149	.02022	.00605	.00577	0.97	2.62	1.59	.692	.0689	.775	27.9	14.0	29.6	14.8	5.57	4.99	2.43	2.50
16-70-153	1.30	1.68	.01122	.01832	.00555	.00534	0.98	2.28	1.62	.692	.0723	.761	21.8	10.8	23.1	11.5	6.20	5.58	2.43	2.50
16-70-154	1.10	1.32	.01090	.01627	.00501	.00485	1.00	1.96	1.63	.692	.0765	.745	17.3	8.6	18.3	9.2	7.00	6.36	2.44	2.50
16-70-155	0.92	1.01	.01051	.01414	.00457	.00444	1.02	1.65	1.64	.692	.0822	.726	13.5	6.8	14.3	7.2	8.02	7.33	2.44	2.50
16-70-156	0.79	0.86	.01046	.013C8	.00415	.00403	1.02	1.46	1.64	.692	.0851	.717	11.5	5.6	12.2	5.9	8.60	7.85	2.44	2.50
16-70-157	20.10	34.23	.00966	.02133	.00490	.00535	0.96	4.68	2.01	.690	.0579	.835	365.4	124.4	401.4	136.6	4.73	3.87	2.40	2.50
16-70-158	16.57	28.02	.00989	.02175	.00509	.00551	0.96	4.60	1.98	.689	.0582	.833	304.0	106.1	333.3	116.3	4.65	3.81	2.40	2.50
16-70-159	13.29	22.05	.01014	.02202	.00531	.00572	0.96	4.47	1.97	.689	.0587	.830	243.7	86.5	266.8	94.7	4.61	3.79	2.40	2.50
16-70-160	11.03	18.10	.01033	.02236	.00551	.00591	0.96	4.38	1.96	.689	.0591	.827	203.3	73.0	222.3	79.8	4.55	3.74	2.41	2.50
16-70-161	9.14	14.71	.01052	.02252	.00571	.00611	0.96	4.25	1.96	.688	.0597	.824	167.9	61.1	183.5	66.7	4.54	3.74	2.41	2.50
16-70-162	7.57	11.99	.01072	.02269	.00594	.00632	0.96	4.13	1.94	.688	.0602	.821	139.0	51.6	151.4	56.3	4.53	3.75	2.41	2.50
16-70-163	6.34	9.82	.01084	.02259	.00612	.00649	0.97	3.97	1.93	.688	.0610	.816	115.4	43.6	125.6	47.5	4.58	3.81	2.41	2.50
16-70-164	5.21	8.00	.01115	.02301	.00618	.00651	0.97	3.88	1.91	.687	.0614	.814	95.7	36.7	104.1	39.9	4.51	3.76	2.41	2.50
16-70-165	4.36	6.41	.01099	.02175	.00604	.00639	0.98	3.55	1.92	.687	.0630	.805	77.0	29.9	83.7	32.5	4.85	4.09	2.42	2.50
16-70-166	3.66	5.15	.01087	.02067	.00593	.00628	0.98	3.26	1.93	.687	.0647	.796	62.4	24.6	67.8	26.7	5.17	4.40	2.42	2.50
16-70-167	3.09	4.15	.01070	.01936	.00579	.00614	0.99	2.96	1.93	.687	.0668	.786	50.6	20.3	54.8	21.9	5.58	4.80	2.42	2.50
16-70-168	2.54	3.22	.01061	.01792	.00540	.00576	1.01	2.63	1.95	.688	.0693	.774	39.6	16.1	42.9	17.4	6.09	5.28	2.42	2.50
16-70-169	2.12	2.62	.01049	.01636	.00519	.00555	1.03	2.30	1.95	.688	.0720	.763	32.2	13.0	34.9	14.1	6.69	5.85	2.43	2.50
16-70-171	1.20	1.18	.01021	.01275	.00402	.00423	1.08	1.58	1.91	.686	.0889	.716	15.5	7.0	16.6	7.5	9.30	8.44	2.44	2.50
16-70-172	1.02	0.88	.00998	.01060	.00358	.00376	1.13	1.27	1.91	.686	.1022	.691	11.8	5.6	12.6	6.0	11.15	10.28	2.45	2.50
16-70-173	0.44	0.46	.01102	.01252	.00472	.00413	1.01	1.21	1.29	.701	.0917	.698	6.5	4.5	6.7	4.7	9.11	8.72	2.46	2.50
16-70-174	0.37	0.37	.01113	.01207	.00473	.00413	1.02	1.12	1.28	.701	.0950	.690	5.4	3.8	5.5	3.9	9.48	9.10	2.49	2.50
16-70-175	0.31	0.31	.01178	.01284	.00472	.00411	1.02	1.13	1.27	.701	.0955	.690	4.6	3.2	4.8	3.3	9.20	8.83	2.49	2.50
16-70-176	0.66	0.69	.01051	.01228	.00381	.00370	1.03	1.31	1.65	.692	.0894	.706	9.3	4.5	10.0	4.8	9.19	8.43	2.45	2.50
16-70-177	0.56	0.51	.01054	.01108	.00360	.00350	1.06	1.15	1.65	.692	.0973	.687	7.2	3.8	7.6	4.0	10.20	9.47	2.46	2.50
16-70-178	0.47	0.42	.01091	.01129	.00358	.00346	1.07	1.12	1.63	.691	.0976	.686	6.1	3.3	6.5	3.5	10.07	9.37	2.49	2.50
16-70-179	0.29	0.27	.01225	.01421	.00530	.00489	1.01	1.23	1.50	.687	.0950	.692	4.2	2.4	4.4	2.6	8.60	8.04	2.50	2.50
16-70-180	0.32	0.29	.01212	.01255	.00378	.00357	1.07	1.11	1.56	.689	.1042	.680	4.4	2.5	4.6	2.6	10.20	9.58	2.52	2.50
16-70-181	0.26	0.24	.01330	.01434	.00377	.00352	1.08	1.17	1.53	.688	.1081	.681	3.8	2.2	4.0	2.3	10.09	9.53	2.51	2.50
16-70-183	0.84	0.68	.00997	.00939	.00308	.00323	1.16	1.09	1.91	.686	.1077	.677	9.2	4.5	9.8	4.8	12.14	11.23	2.47	2.50
16-70-184	0.71	0.56	.01018	.00899	.00267	.00279	1.18	1.00	1.89	.686	.1213	.669	7.7	3.8	8.2	4.0	13.19	12.32	2.51	2.50
16-50-188	23.18	45.49	.02049	.04510	.0	.0	0.96	8.86	1.00	.706	.1023	.940	1422.7	1422.7	1422.7	1422.7	3.23	3.23	2.38	2.50
16-50-189	17.44	33.76	.02013	.04376	.0	.0	0.96	8.19	1.00	.706	.1034	.937	1054.0	1054.0	1054.0	1054.0	3.36	3.36	2.38	2.50
16-50-190	13.29	25.46	.02033	.04383	.0	.0	0.96	7.80	1.00	.706	.1042	.934	802.9	802.9	802.9	802.9	3.38	3.38	2.39	2.50
16-50-191	10.16	19.23	.02025	.04316	.0	.0	0.96	7.31	1.00	.706	.1053	.931	609.4	609.4	609.4	609.4	3.46	3.46	2.39	2.50
16-50-192	8.18	15.33	.02027	.04280	.0	.0	0.96	6.95	1.00	.706	.1062	.929	488.5	488.5	488.5	488.5	3.51	3.51	2.40	2.50
16-50-193	6.51	12.07	.02042	.04273	.0	.0	0.96	6.63	1.00	.706	.1071	.927	388.0	388.0	388.0	388.0	3.53	3.53	2.40	2.50
16-50-194	5.36	9.87	.02067	.04296	.0	.0	0.96	6.41	1.00	.706	.1078	.925	320.5	320.5	320.5	320.5	3.53	3.53	2.41	2.50
16-50-195	4.44	8.10	.02099	.04338	.0	.0	0.96	6.21	1.00	.706	.1084	.923	266.2	266.2	266.2	266.2	3.52	3.52	2.41	2.50
16-50-196	3.61	6.54	.02135	.04379	.0	.0	0.96	6.00	1.00	.706	.1092	.921	217.7	217.7	217.7	217.7	3.50	3.50	2.41	2.50
16-50-197	3.48	6.30	.02168	.04455	.0	.0	0.96	6.04	1.00	.705	.1090	.922	211.3	211.3	211.3	211.3	3.44	3.44	2.41	2.50
16-50-198	2.94	5.29	.02189	.04466	.0	.0	0.96	5.84	1.00	.706	.1098	.920	178.9	178.9	178.9	178.9	3.45	3.45	2.42	2.50
16-50-199	2.45	4.36	.02222	.04501	.0	.0	0.96	5.65	1.00	.707	.1105	.918	149.3	149.3	149.3	149.3	3.44	3.44	2.42	2.50
16-50-200	2.04	3.62	.02294	.04631	.0	.0	0.96	5.56	1.00	.707	.1110	.917	126.4	126.4	126.4	126.4	3.36	3.36	2.42	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	STIF/ A1/AB	H+	G+	GPRI	G*	G*R	G*1	CT	GTR	GTF	GTFR	X	YR	AH	TP		
16-70-151	2.31	19.7	0.88	1.20	1.25	1.24	1.31	.521	41.5	9.9	8.2	9.9	11.4	8.5	8.6	10.5	7.5	9.3	1.85	9.75	2.50	4.69
16-70-152	1.58	12.1	0.88	1.20	1.25	1.24	1.33	.492	27.9	10.1	8.7	10.1	11.9	8.8	9.0	11.0	8.0	9.7	1.80	9.95	2.50	3.72
16-70-153	1.30	9.5	0.87	1.22	1.28	1.26	1.33	.464	21.8	10.7	9.1	10.9	12.7	9.2	9.3	11.4	8.6	10.3	1.75	10.45	2.50	3.04
16-70-154	1.10	7.3	0.87	1.24	1.30	1.29	1.33	.433	17.3	11.4	9.7	11.9	13.7	9.7	9.8	11.9	9.3	11.0	1.69	11.09	2.50	2.43
16-70-155	0.92	5.7	0.86	1.26	1.32	1.32	1.34	.397	13.5	11.9	10.0	12.6	14.3	9.9	10.0	12.1	9.7	11.4	1.61	11.89	2.50	2.06
16-70-156	0.79	4.3	0.85	1.26	1.35	1.34	1.30	.381	11.5	12.8	10.7	13.9	15.8	10.6	10.7	12.9	11.0	12.9	1.57	12.37	2.50	1.57
16-70-157	20.10	231.0	0.91	1.16	1.19	1.19	1.20	.614	365.4	14.2	10.4	14.2	14.4	12.8	12.7	14.1	12.5	12.6	1.99	9.68	2.50	5.98
16-70-158	16.57	198.7	0.91	1.16	1.19	1.19	1.21	.610	304.0	13.6	10.1	13.6	13.9	12.2	12.2	13.6	11.9	12.2	1.99	9.59	2.50	6.05
16-70-159	13.29	166.6	0.90	1.17	1.20	1.21	1.22	.603	243.7	12.9	9.6	13.0	13.3	11.5	11.5	12.9	11.2	11.5	1.98	9.53	2.50	6.30
16-70-160	11.03	142.6	0.90	1.17	1.21	1.21	1.23	.598	203.3	12.4	9.2	12.4	12.8	10.9	10.9	12.4	10.6	11.0	1.97	9.46	2.50	6.44
16-70-161	9.14	123.7	0.90	1.18	1.22	1.22	1.25	.591	167.9	11.8	8.8	11.9	12.2	10.3	10.4	11.7	10.0	10.4	1.96	9.42	2.50	6.66
16-70-162	7.57	106.1	0.89	1.19	1.23	1.23	1.26	.583	139.0	11.2	8.4	11.3	11.7	9.7	9.7	11.1	9.4	9.8	1.95	9.39	2.50	6.96
16-70-163	6.34	91.6	0.89	1.20	1.25	1.24	1.27	.574	115.4	10.6	8.0	10.8	11.2	9.1	9.1	10.5	8.8	9.3	1.93	9.41	2.50	7.17
16-70-164	5.21	75.9	0.89	1.20	1.25	1.24	1.27	.569	95.7	10.6	8.1	10.8	11.3	9.1	9.1	10.6	8.8	9.3	1.93	9.32	2.50	6.64
16-70-165	4.36	62.4	0.88	1.22	1.27	1.27	1.28	.551	77.0	10.5	8.0	10.8	11.3	8.8	8.9	10.3	8.7	9.1	1.90	9.59	2.50	6.28
16-70-166	3.66	51.1	0.88	1.24	1.29	1.29	1.29	.532	62.4	10.4	7.9	10.9	11.3	8.6	8.7	10.1	8.6	9.0	1.87	9.84	2.50	5.94
16-70-167	3.09	42.1	0.88	1.26	1.32	1.31	1.30	.512	50.6	10.3	7.8	10.9	11.3	8.3	8.4	9.8	8.4	8.8	1.83	10.16	2.50	5.66
16-70-168	2.54	32.3	0.88	1.28	1.34	1.34	1.29	.488	39.6	10.9	8.2	11.8	12.0	8.6	8.7	10.1	9.1	9.3	1.79	10.56	2.50	4.69
16-70-169	2.12	25.8	0.86	1.31	1.41	1.40	1.29	.466	32.2	10.6	8.0	12.0	12.2	8.1	8.1	9.6	9.1	9.4	1.75	11.06	2.50	4.51
16-70-171	1.20	11.5	0.86	1.39	1.46	1.46	1.30	.378	15.5	13.0	9.9	15.1	15.5	9.8	10.1	11.8	11.4	11.7	1.55	12.53	2.50	3.08
16-70-172	1.02	8.6	0.84	1.48	1.57	1.55	1.30	.335	11.8	13.5	10.3	16.4	16.7	9.7	10.1	11.9	12.1	12.4	1.43	13.73	2.50	4.31
16-70-173	0.44	1.0	0.86	1.21	1.27	1.26	1.39	.347	6.5	10.7	10.5	10.8	13.8	9.4	9.6	12.3	8.3	11.2	1.49	12.64	2.50	1.53
16-70-174	0.37	0.8	0.86	1.22	1.28	1.26	1.41	.334	5.4	10.5	10.4	10.6	13.5	9.1	9.4	12.0	8.0	10.9	1.46	12.87	2.50	1.60
16-70-175	0.31	0.7	0.87	1.20	1.27	1.24	1.40	.333	4.6	11.1	11.0	11.0	14.2	9.7	10.1	12.9	8.5	11.5	1.45	12.48	2.50	1.49
16-70-176	0.66	3.3	0.85	1.26	1.35	1.35	1.29	.361	9.3	13.8	11.6	15.2	17.2	11.5	11.5	13.9	12.2	14.1	1.52	12.76	2.50	1.27
16-70-177	0.56	2.6	0.85	1.32	1.38	1.38	1.31	.327	7.2	14.1	11.8	15.9	17.8	11.4	11.6	13.9	12.3	14.0	1.43	13.44	2.50	1.33
16-70-178	0.47	2.1	0.85	1.31	1.37	1.37	1.29	.325	6.1	14.4	12.2	16.3	18.4	11.8	11.6	14.4	12.6	14.6	1.43	13.31	2.50	1.21
16-70-179	0.29	1.7	0.86	1.27	1.40	1.32	1.49	.337	4.2	10.2	9.2	9.9	12.2	8.4	9.0	11.2	7.0	9.1	1.46	11.86	2.50	3.21
16-70-180	0.32	1.4	0.83	1.36	1.47	1.42	1.33	.316	4.4	14.2	12.4	16.2	18.7	11.3	12.0	14.7	12.4	14.7	1.39	12.62	2.50	2.02
16-70-181	0.26	1.0	0.82	1.38	1.52	1.44	1.33	.317	3.8	15.7	14.0	17.9	20.9	12.2	13.6	16.6	13.5	16.2	1.37	11.81	2.50	2.48
16-70-183	0.84	6.2	0.84	1.46	1.54	1.54	1.25	.309	9.2	15.3	11.7	19.1	19.5	11.2	11.4	13.5	14.4	14.8	1.36	14.60	2.50	2.16
16-70-184	0.71	4.3	0.84	1.53	1.61	1.58	1.20	.297	7.7	17.9	13.8	22.8	23.4	13.1	13.6	16.0	17.6	18.1	1.30	14.91	2.50	5.11
16-50-188	23.18	0.0	0.0	0.0	0.0	0.0	0.0	.852	1422.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.37	6.66		
16-50-189	17.44	0.0	0.0	0.0	0.0	0.0	0.0	.844	1054.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.36	6.76		
16-50-190	13.29	0.0	0.0	0.0	0.0	0.0	0.0	.838	802.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.35	6.76		
16-50-191	10.16	0.0	0.0	0.0	0.0	0.0	0.0	.831	609.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.34	6.81		
16-50-192	8.18	0.0	0.0	0.0	0.0	0.0	0.0	.826	488.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.33	6.84		
16-50-193	6.51	0.0	0.0	0.0	0.0	0.0	0.0	.820	388.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.32	6.84		
16-50-194	5.36	0.0	0.0	0.0	0.0	0.0	0.0	.816	320.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.32	6.82		
16-50-195	4.44	0.0	0.0	0.0	0.0	0.0	0.0	.812	266.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.31	6.79		
16-50-196	3.61	0.0	0.0	0.0	0.0	0.0	0.0	.808	217.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	6.76		
16-50-197	3.48	0.0	0.0	0.0	0.0	0.0	0.0	.808	211.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	6.70		
16-50-198	2.94	0.0	0.0	0.0	0.0	0.0	0.0	.804	178.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	6.69		
16-50-199	2.45	0.0	0.0	0.0	0.0	0.0	0.0	.800	149.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.29	6.67		
16-50-200	2.04	0.0	0.0	0.0	0.0	0.0	0.0	.797	126.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.29	6.57		

Table 5 cont.

RUN NO.	RE*E4	KE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
16-50-201	1.72	3.02	.02304	.04606	.0	.0	0.96	5.32	1.00	.707	.1119	.915	106.1	106.1	106.1	106.1	3.40	3.40	2.43	2.50
16-50-202	1.46	2.54	.02323	.04601	.0	.0	0.96	5.12	1.00	.707	.1128	.913	90.1	90.1	90.1	90.1	3.43	3.43	2.43	2.50
16-50-203	1.23	2.12	.02349	.04608	.0	.0	0.96	4.92	1.00	.708	.1138	.910	76.0	76.0	76.0	76.0	3.44	3.44	2.44	2.50
16-50-204	1.03	1.76	.02366	.04589	.0	.0	0.96	4.70	1.00	.708	.1149	.908	63.7	63.7	63.7	63.7	3.48	3.48	2.44	2.50
16-50-205	0.87	1.46	.02377	.04550	.0	.0	0.96	4.47	1.00	.708	.1161	.905	53.4	53.4	53.4	53.4	3.54	3.54	2.44	2.50
16-50-206	0.75	1.24	.02364	.04452	.0	.0	0.96	4.22	1.00	.708	.1176	.902	45.3	45.3	45.3	45.3	3.65	3.65	2.45	2.50
16-50-207	0.63	1.03	.02372	.04402	.0	.0	0.96	4.00	1.00	.708	.1190	.899	38.0	38.0	38.0	38.0	3.72	3.72	2.45	2.50
16-50-208	0.53	0.85	.02358	.04287	.0	.0	0.96	3.74	1.00	.708	.1209	.895	31.7	31.7	31.7	31.7	3.85	3.85	2.46	2.50
16-50-209	0.43	0.67	.02294	.04023	.0	.0	0.96	3.34	1.00	.708	.1242	.888	24.7	24.7	24.7	24.7	4.14	4.14	2.47	2.50
16-50-210	0.36	0.56	.02361	.04099	.0	.0	0.96	3.24	1.00	.708	.1253	.886	21.0	21.0	21.0	21.0	4.10	4.10	2.47	2.50
16-50-211	0.30	0.46	.02310	.03881	.0	.0	0.96	2.95	1.00	.708	.1283	.880	17.4	17.4	17.4	17.4	4.36	4.36	2.48	2.50
16-50-212	0.26	0.39	.02240	.03626	.0	.0	0.97	2.66	1.00	.709	.1319	.874	14.6	14.6	14.6	14.6	4.68	4.68	2.49	2.50
16-50-213	0.22	0.26	.01500	.01774	.0	.0	1.00	1.34	1.00	.709	.1653	.828	8.8	8.8	8.8	8.8	8.48	8.48	2.49	2.50
16-50-214	0.19	0.20	.01436	.01535	.0	.0	1.01	1.12	1.00	.709	.1781	.815	6.9	6.9	6.9	6.9	9.47	9.47	2.49	2.50
16-50-215	0.15	0.18	.01644	.01854	.0	.0	1.00	1.28	1.00	.709	.1685	.825	6.4	6.4	6.4	6.4	8.18	8.18	2.50	2.50
16-50-216	0.13	0.16	.01909	.02397	.0	.0	0.99	1.50	1.00	.709	.1584	.836	6.1	6.1	6.1	6.1	6.89	6.89	2.51	2.50
16-50-217	16.78	32.26	.01945	.04272	.00710	.00596	0.95	8.03	1.15	.699	.1042	.935	1004.2	781.3	1025.5	797.9	3.46	3.32	2.39	2.50
16-50-218	22.78	44.43	.01959	.04350	.00664	.00558	0.95	8.62	1.15	.699	.1030	.938	1377.5	1072.3	1406.7	1095.0	3.37	3.23	2.38	2.50
16-50-219	12.67	24.09	.01974	.04302	.00746	.00627	0.95	7.67	1.15	.698	.1050	.933	759.4	591.6	775.4	604.1	3.46	3.32	2.39	2.50
16-50-220	9.49	17.81	.01975	.04261	.00812	.00680	0.95	7.20	1.14	.698	.1061	.930	565.8	446.0	577.2	455.0	3.52	3.39	2.40	2.50
16-50-221	7.58	14.05	.01978	.04222	.00858	.00718	0.95	6.84	1.14	.698	.1071	.927	449.3	356.7	458.0	363.6	3.58	3.45	2.40	2.50
16-50-222	6.02	11.05	.01999	.04238	.00908	.00759	0.95	6.55	1.13	.698	.1079	.925	357.2	284.2	364.1	289.7	3.58	3.45	2.40	2.50
16-50-223	4.94	8.99	.02017	.04246	.00958	.00800	0.95	6.31	1.13	.697	.1087	.923	293.4	234.5	298.9	238.9	3.60	3.47	2.41	2.50
16-50-224	4.13	7.46	.02070	.04331	.00980	.00818	0.95	6.19	1.13	.697	.1092	.922	247.3	197.8	251.5	201.6	3.54	3.42	2.41	2.50
16-50-225	3.29	5.89	.02100	.04377	.01069	.00891	0.94	5.95	1.12	.697	.1101	.920	197.9	159.3	201.5	162.2	3.53	3.41	2.41	2.50
16-50-226	3.30	5.93	.02118	.04432	.01071	.00894	0.94	6.03	1.13	.697	.1099	.920	200.1	159.3	204.0	162.4	3.48	3.35	2.41	2.50
16-50-227	2.63	4.67	.02164	.04508	.01153	.00959	0.94	5.83	1.12	.695	.1106	.918	160.4	128.8	163.4	131.2	3.44	3.32	2.42	2.50
16-50-228	2.18	3.84	.02205	.04553	.01202	.00997	0.94	5.63	1.11	.696	.1114	.916	133.5	109.1	135.8	110.9	3.43	3.31	2.42	2.50
16-50-229	1.81	3.17	.02272	.04674	.01239	.01028	0.94	5.53	1.12	.695	.1119	.915	112.4	91.5	114.3	93.0	3.35	3.24	2.42	2.50
16-50-230	1.52	2.63	.02292	.04676	.01295	.01074	0.94	5.32	1.11	.696	.1128	.913	94.0	76.9	95.6	78.2	3.37	3.26	2.43	2.50
16-50-231	1.28	2.20	.02325	.04706	.01327	.01100	0.94	5.14	1.11	.696	.1137	.911	79.7	65.2	81.0	66.3	3.37	3.26	2.43	2.50
16-50-232	1.09	1.85	.02315	.04632	.01336	.01109	0.94	4.88	1.12	.696	.1150	.908	67.3	54.7	68.4	55.7	3.45	3.34	2.44	2.50
16-50-233	0.91	1.51	.02301	.04547	.01356	.01126	0.94	4.60	1.12	.696	.1165	.905	55.4	44.5	56.4	45.7	3.55	3.44	2.44	2.50
16-50-234	0.77	1.27	.02273	.04425	.01343	.01115	0.93	4.32	1.12	.696	.1181	.901	46.7	37.7	47.5	38.4	3.68	3.56	2.45	2.50
16-50-235	0.66	1.07	.02248	.04303	.01309	.01088	0.93	4.05	1.12	.696	.1199	.897	39.2	31.5	40.0	32.1	3.81	3.69	2.45	2.50
16-50-236	0.55	0.87	.02234	.04202	.01265	.01053	0.93	3.78	1.12	.696	.1219	.893	32.2	25.7	32.8	26.2	3.94	3.81	2.46	2.50
16-50-237	0.47	0.73	.02161	.03951	.01180	.00985	0.93	3.45	1.13	.697	.1247	.888	27.1	21.3	27.6	21.7	4.22	4.07	2.46	2.50
16-50-238	0.38	0.58	.02168	.03874	.01133	.00945	0.93	3.19	1.13	.697	.1272	.883	21.5	16.5	22.0	17.2	4.34	4.20	2.47	2.50
16-50-239	0.32	0.47	.02075	.03551	.01011	.00846	0.94	2.82	1.14	.697	.1314	.875	17.4	13.5	17.8	13.7	4.75	4.59	2.48	2.50
16-50-240	0.27	0.38	.01939	.03130	.00875	.00734	0.94	2.41	1.15	.698	.1374	.866	14.0	10.7	14.4	11.0	5.36	5.18	2.48	2.50
16-50-241	0.24	0.30	.01597	.02204	.00543	.00462	0.95	1.70	1.19	.699	.1540	.842	10.4	7.5	10.7	7.7	7.20	6.94	2.49	2.50
16-50-242	0.20	0.24	.01412	.01850	.00337	.00291	0.92	1.40	1.22	.699	.1654	.829	8.5	5.4	8.9	5.6	8.25	7.86	2.49	2.50
16-50-243	2.83	4.94	.02035	.04230	.01094	.00944	0.94	5.64	1.27	.685	.1118	.916	166.6	105.8	172.6	113.8	3.69	3.45	2.42	2.50
16-50-244	2.25	3.91	.02093	.04288	.01125	.00973	0.94	5.41	1.27	.684	.1126	.914	133.7	88.0	138.7	91.3	3.66	3.42	2.42	2.50
16-50-245	1.86	3.19	.02136	.04388	.01203	.01035	0.93	5.31	1.26	.684	.1134	.912	111.1	74.1	115.1	76.7	3.60	3.37	2.42	2.50
16-50-246	1.55	2.63	.02167	.04417	.01248	.01072	0.93	5.13	1.25	.684	.1143	.910	92.8	62.4	96.0	64.5	3.60	3.38	2.43	2.50
16-50-247	1.29	2.16	.02180	.04391	.01278	.01096	0.93	4.89	1.25	.684	.1155	.907	77.0	52.1	79.6	53.9	3.65	3.43	2.43	2.50
16-50-248	1.08	1.77	.02152	.04346	.01279	.01097	0.92	4.68	1.25	.684	.1172	.904	63.7	42.8	65.9	44.3	3.72	3.49	2.44	2.50
16-50-249	0.92	1.49	.02124	.04193	.01260	.01080	0.93	4.35	1.25	.684	.1188	.900	53.6	36.1	55.5	37.4	3.88	3.65	2.44	2.50
16-50-250	0.77	1.23	.02078	.04066	.01228	.01054	0.92	4.08	1.25	.685	.1209	.896	44.4	29.6	46.0	30.7	4.03	3.80	2.45	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	ST1F /	A1/AB	H+	G+	GPRI	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP
16-50-201	1.72	0.0	0.0	0.0	0.0	0.0	0.0	.792	106.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.28	6.59		
16-50-202	1.46	0.0	0.0	0.0	0.0	0.0	0.0	.787	90.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.27	6.59		
16-50-203	1.23	0.0	0.0	0.0	0.0	0.0	0.0	.782	76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.26	6.59		
16-50-204	1.03	0.0	0.0	0.0	0.0	0.0	0.0	.776	63.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.25	6.60		
16-50-205	0.87	0.0	0.0	0.0	0.0	0.0	0.0	.769	53.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.24	6.63		
16-50-206	0.75	0.0	0.0	0.0	0.0	0.0	0.0	.762	45.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.22	6.70		
16-50-207	0.63	0.0	0.0	0.0	0.0	0.0	0.0	.755	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.21	6.74		
16-50-208	0.53	0.0	0.0	0.0	0.0	0.0	0.0	.746	31.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.19	6.83		
16-50-209	0.43	0.0	0.0	0.0	0.0	0.0	0.0	.731	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.16	7.05		
16-50-210	0.36	0.0	0.0	0.0	0.0	0.0	0.0	.726	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.16	6.99		
16-50-211	0.30	0.0	0.0	0.0	0.0	0.0	0.0	.714	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.13	7.18		
16-50-212	0.26	0.0	0.0	0.0	0.0	0.0	0.0	.699	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.10	7.43		
16-50-213	0.22	0.0	0.0	0.0	0.0	0.0	0.0	.600	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.86	10.62		
16-50-214	0.19	0.0	0.0	0.0	0.0	0.0	0.0	.572	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.78	11.42		
16-50-215	0.15	0.0	0.0	0.0	0.0	0.0	0.0	.592	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.84	10.28		
16-50-216	0.13	0.0	0.0	0.0	0.0	0.0	0.0	.617	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.91	9.13		
16-50-217	16.78	68.0	1.00	0.99	1.02	0.98	1.14	.784	1004.2	17.2	18.4	15.6	19.8	16.9	17.5	22.0	14.7	18.9	1.35	6.84	2.50	3.85
16-50-218	22.78	86.1	1.00	0.99	1.01	0.98	1.13	.794	1377.5	18.9	20.1	17.2	21.7	18.6	19.2	24.1	16.3	20.9	1.36	6.78	2.50	3.47
16-50-219	12.67	54.5	0.99	1.00	1.02	0.99	1.15	.777	759.4	16.2	17.3	14.7	18.8	15.9	16.5	20.8	13.8	17.8	1.34	6.82	2.50	4.02
16-50-220	9.49	41.9	1.00	0.99	1.02	0.98	1.16	.767	565.8	14.6	15.7	13.1	16.8	14.3	15.0	18.9	12.1	15.8	1.33	6.85	2.50	4.53
16-50-221	7.58	34.6	0.99	1.00	1.03	0.99	1.18	.759	449.3	13.5	14.5	12.1	15.7	13.1	13.8	17.5	11.1	14.6	1.32	6.88	2.50	5.00
16-50-222	6.02	28.8	1.00	1.00	1.03	0.99	1.19	.752	357.2	12.7	13.7	11.3	14.6	12.3	13.0	16.6	10.2	13.5	1.31	6.87	2.50	5.26
16-50-223	4.94	24.5	0.99	1.00	1.03	0.99	1.21	.745	293.4	11.9	12.8	10.5	13.7	11.5	12.2	15.6	9.4	12.5	1.31	6.86	2.50	5.65
16-50-224	4.13	21.1	0.99	1.00	1.04	0.99	1.21	.742	247.3	11.6	12.5	10.3	13.4	11.2	11.5	15.3	9.2	12.3	1.30	6.80	2.50	5.58
16-50-225	3.29	17.7	1.00	0.99	1.03	0.98	1.24	.735	197.9	10.6	11.5	9.1	12.0	10.2	11.0	14.1	8.0	10.9	1.29	6.76	2.50	6.17
16-50-226	3.30	18.8	1.00	0.99	1.03	0.97	1.23	.736	200.1	10.7	11.5	9.2	12.1	10.2	11.0	14.2	8.0	10.9	1.30	6.72	2.50	6.14
16-50-227	2.63	15.7	1.02	0.97	1.02	0.95	1.26	.730	160.4	10.1	10.9	8.3	11.1	9.6	10.4	13.5	7.1	9.9	1.29	6.66	2.50	6.35
16-50-228	2.18	12.4	1.02	0.97	1.02	0.96	1.27	.725	133.5	9.6	10.4	7.9	10.5	9.1	9.9	12.5	6.7	9.4	1.28	6.63	2.50	6.58
16-50-229	1.81	10.9	1.02	0.97	1.02	0.95	1.28	.721	112.4	9.4	10.2	7.7	10.3	8.9	9.7	12.6	6.4	9.1	1.28	6.54	2.50	6.45
16-50-230	1.52	9.3	1.02	0.98	1.03	0.96	1.30	.713	94.0	8.8	9.6	7.2	9.7	8.3	9.2	11.5	5.9	8.4	1.27	6.54	2.50	6.84
16-50-231	1.28	8.0	1.01	0.98	1.04	0.96	1.32	.707	79.7	8.5	9.3	6.9	9.4	8.0	8.9	11.6	5.6	8.1	1.26	6.52	2.50	6.85
16-50-232	1.09	7.0	1.01	0.98	1.04	0.96	1.33	.698	67.3	8.4	9.1	6.8	9.2	7.8	8.7	11.4	5.4	7.8	1.25	6.57	2.50	6.67
16-50-233	0.91	5.9	1.03	0.96	1.03	0.95	1.36	.688	55.4	8.3	9.1	6.5	8.8	7.8	8.7	11.3	5.1	7.5	1.23	6.63	2.50	6.17
16-50-234	0.77	5.0	1.04	0.95	1.02	0.93	1.37	.677	46.7	8.5	9.2	6.4	8.8	7.9	8.8	11.5	5.0	7.4	1.22	6.72	2.50	5.55
16-50-235	0.66	4.2	1.04	0.94	1.01	0.93	1.39	.665	39.2	8.7	9.5	6.6	8.9	8.1	9.1	11.8	5.1	7.5	1.20	6.82	2.50	4.85
16-50-236	0.55	3.4	1.06	0.93	1.00	0.92	1.40	.652	32.2	9.2	9.9	6.8	9.2	8.5	9.5	12.3	5.3	7.7	1.18	6.90	2.50	4.04
16-50-237	0.47	2.9	1.05	0.94	1.01	0.93	1.40	.636	27.1	9.6	10.3	7.2	9.7	8.9	9.9	12.7	5.6	8.1	1.16	7.11	2.50	3.43
16-50-238	0.38	2.2	1.06	0.93	1.00	0.92	1.40	.621	21.5	10.2	11.0	7.6	10.1	9.5	10.6	13.5	5.5	8.5	1.14	7.19	2.50	2.78
16-50-239	0.32	1.8	1.05	0.93	1.00	0.93	1.40	.598	17.4	11.2	12.0	8.5	11.2	10.5	11.5	14.5	6.7	9.4	1.10	7.51	2.50	2.14
16-50-240	0.27	1.4	1.06	0.93	0.99	0.93	1.39	.569	14.0	12.6	13.5	9.6	12.6	11.9	12.5	16.2	7.7	10.6	1.06	7.99	2.50	1.53
16-50-241	0.24	0.9	1.04	0.95	1.01	0.97	1.31	.500	10.4	17.9	18.6	14.7	18.5	17.1	17.9	21.9	12.4	16.2	0.94	9.53	2.50	0.57
16-50-242	0.20	0.6	1.17	0.81	0.82	0.83	1.25	.462	8.5	31.4	32.0	22.5	27.9	33.0	32.5	38.6	20.7	26.2	0.86	10.40	2.50	0.11
16-50-243	2.83	50.0	0.97	1.02	1.07	1.00	1.27	.723	166.6	9.7	9.8	8.5	11.0	9.3	10.1	12.8	7.3	9.8	1.28	6.88	2.50	7.38
16-50-244	2.25	43.3	0.96	1.03	1.08	1.01	1.27	.717	133.7	9.3	9.4	8.3	10.7	8.9	9.7	12.3	7.1	9.5	1.27	6.83	2.50	7.40
16-50-245	1.86	36.8	0.97	1.03	1.08	1.01	1.30	.711	111.1	8.7	8.8	7.6	9.9	8.3	9.1	11.6	6.3	8.7	1.26	6.75	2.50	7.87
16-50-246	1.55	31.3	0.97	1.03	1.08	1.01	1.32	.704	92.8	8.4	8.5	7.2	9.5	7.9	8.7	11.2	5.5	8.2	1.25	6.73	2.50	8.00
16-50-247	1.29	26.1	0.97	1.02	1.08	1.00	1.34	.696	77.0	8.1	8.2	6.9	9.1	7.6	8.5	10.9	5.5	7.8	1.24	6.75	2.50	7.87
16-50-248	1.08	21.6	0.97	1.02	1.08	1.00	1.37	.684	63.7	8.1	8.2	6.7	8.9	7.6	8.5	10.9	5.3	7.5	1.23	6.78	2.50	7.22
16-50-249	0.92	17.9	0.97	1.02	1.08	1.00	1.38	.673	53.6	8.2	8.3	6.7	8.9	7.6	8.5	10.9	5.3	7.5	1.21	6.91	2.50	6.59
16-50-250	0.77	14.6	0.98	1.00	1.07	0.99	1.41	.660	44.4	8.4	8.5	6.8	9.0	7.9	8.8	11.2	5.3	7.5	1.19	7.01	2.50	5.66

Table 5 cont.

RUN NO.	RE*E4	REI*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
16-50-251	0.65	1.01	.02050	.03950	.01180	.01014	0.91	3.81	1.25	.685	.1230	.892	36.8	24.3	38.2	25.2	4.18	3.93	2.45	2.50
16-50-252	0.55	0.84	.02011	.03788	.01122	.00967	0.91	3.52	1.26	.685	.1255	.887	30.6	19.9	31.8	20.7	4.39	4.12	2.46	2.50
16-50-253	0.47	0.70	.01970	.03603	.01057	.00914	0.92	3.24	1.27	.685	.1283	.882	25.6	16.5	26.6	17.2	4.63	4.36	2.46	2.50
16-50-254	0.40	0.58	.01919	.03407	.00985	.00853	0.92	2.95	1.28	.685	.1315	.876	21.2	13.6	22.0	14.1	4.91	4.62	2.47	2.50
16-50-255	0.33	0.45	.01801	.02992	.00811	.00709	0.92	2.49	1.30	.686	.1381	.865	16.4	10.2	17.1	10.6	5.56	5.24	2.47	2.50
16-50-256	0.28	0.36	.01590	.02322	.00596	.00530	0.95	1.89	1.35	.686	.1506	.848	12.5	7.5	13.0	7.8	6.93	6.52	2.48	2.50
16-50-257	0.23	0.26	.01351	.01616	.00290	.00268	0.96	1.28	1.45	.687	.1728	.822	8.8	4.6	9.3	4.9	9.10	8.50	2.48	2.50
16-50-258	0.20	0.23	.01468	.01848	.00306	.00279	0.95	1.38	1.41	.686	.1677	.828	8.0	4.3	8.4	4.5	8.32	7.78	2.49	2.50
16-50-259	0.16	0.20	.01739	.02428	.00337	.00303	0.93	1.67	1.37	.685	.1560	.841	7.6	4.2	7.9	4.4	6.79	6.35	2.50	2.50
16-50-260	0.13	0.17	.01970	.02936	.00402	.00354	0.92	1.86	1.32	.684	.1501	.848	6.9	4.0	7.2	4.2	5.88	5.50	2.51	2.50
16-50-261	0.11	0.15	.02222	.03495	.00483	.00418	0.90	2.04	1.27	.683	.1459	.854	6.1	3.7	6.4	3.9	5.13	4.81	2.52	2.50
16-50-262	0.09	0.13	.02669	.04538	.00532	.00455	0.89	2.43	1.24	.682	.1380	.865	5.9	3.6	6.1	3.8	4.03	3.76	2.53	2.50
16-50-263	0.21	0.23	.01409	.01680	.00343	.00297	0.96	1.28	1.24	.699	.1717	.822	7.9	5.3	8.2	5.5	8.86	8.50	2.49	2.50
16-50-264	0.16	0.20	.01706	.02275	.00395	.00339	0.95	1.56	1.22	.698	.1583	.837	7.4	5.0	7.6	5.2	7.11	6.81	2.50	2.50
16-50-265	0.14	0.18	.01959	.02810	.00466	.00397	0.94	1.79	1.20	.698	.1509	.846	6.9	4.8	7.1	4.9	6.05	5.80	2.51	2.50
16-50-266	0.11	0.16	.02376	.03703	.00516	.00438	0.93	2.15	1.19	.696	.1422	.858	6.5	4.5	6.7	4.7	4.81	4.59	2.52	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPRI	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP		
16-50-251	0.65	11.8	0.99	0.99	1.06	0.98	1.42	.647	36.8	8.9	9.0	7.0	9.2	8.3	9.3	11.8	5.5	7.7	1.17	7.12	2.50	4.66
16-50-252	0.55	9.8	0.99	0.99	1.06	0.98	1.42	.632	30.6	9.3	9.3	7.3	9.6	8.7	9.6	12.2	5.7	8.0	1.15	7.27	2.50	3.97
16-50-253	0.47	8.2	0.98	1.00	1.07	0.99	1.43	.617	25.6	9.7	9.7	7.8	10.1	9.1	10.0	12.5	6.1	8.4	1.13	7.45	2.50	3.42
16-50-254	0.40	6.5	0.99	0.99	1.06	0.99	1.43	.599	21.2	10.4	10.4	8.3	10.7	9.9	10.7	13.3	6.5	9.0	1.10	7.66	2.50	2.73
16-50-255	0.33	4.6	0.98	1.00	1.06	1.01	1.40	.567	16.4	12.3	12.2	10.2	12.9	11.8	12.5	15.4	8.2	10.8	1.05	8.18	2.50	1.76
16-50-256	0.28	3.2	0.97	1.02	1.06	1.04	1.35	.514	12.5	15.4	14.9	13.5	16.5	14.9	15.3	18.4	11.0	14.0	0.96	9.28	2.50	0.97
16-50-257	0.23	1.5	0.99	1.00	1.02	1.04	1.21	.441	8.8	29.7	27.3	26.9	31.3	29.5	28.9	33.2	23.6	27.9	0.81	11.12	2.50	0.18
16-50-258	0.20	1.3	1.01	0.97	0.98	1.00	1.21	.456	8.0	30.6	28.6	26.6	31.5	31.0	30.3	35.1	23.8	28.6	0.85	10.40	2.50	0.17
16-50-259	0.16	1.1	1.02	0.96	0.96	0.98	1.21	.494	7.6	31.8	30.4	27.3	32.7	32.8	32.0	37.5	24.8	30.1	0.92	9.08	2.50	0.17
16-50-260	0.13	1.0	1.05	0.91	0.91	0.93	1.23	.516	6.9	30.0	29.4	24.3	29.7	31.6	30.8	36.6	22.1	27.5	0.96	8.25	2.50	0.21
16-50-261	0.11	0.9	1.10	0.86	0.86	0.88	1.25	.533	6.1	28.4	28.7	21.3	26.6	30.6	29.7	35.7	19.4	24.6	0.99	7.56	2.50	0.28
16-50-262	0.09	0.7	1.14	0.82	0.81	0.83	1.24	.567	5.9	30.8	31.6	22.0	27.7	33.9	32.7	39.5	20.1	25.8	1.05	6.64	2.50	0.25
16-50-263	0.21	0.6	1.03	0.95	1.00	0.98	1.24	.442	7.9	25.9	26.2	22.1	27.1	25.1	25.5	30.7	19.5	24.6	0.82	10.91	2.50	0.21
16-50-264	0.16	0.5	1.06	0.93	0.96	0.95	1.23	.485	7.4	26.5	27.1	22.0	27.2	26.2	26.6	32.1	19.7	25.0	0.91	9.38	2.50	0.21
16-50-265	0.14	0.5	1.09	0.89	0.92	0.90	1.24	.512	6.9	25.7	26.6	20.1	25.2	25.6	26.1	31.7	18.1	23.2	0.96	8.44	2.50	0.26
16-50-266	0.11	0.4	1.11	0.87	0.90	0.88	1.23	.547	6.5	26.9	28.1	20.8	26.1	27.1	27.6	33.6	19.0	24.3	1.02	7.35	2.50	0.26

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UL/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-85- 1	22.33	52.48	.01275	.03375	.0	.0	0.96	6.98	1.00	.704	.0579	.852	612.9	612.9	612.9	612.9	2.60	2.60	2.38	2.50
17-85- 2	18.01	41.60	.01262	.03279	.0	.0	0.96	6.54	1.00	.705	.0586	.846	487.6	487.6	487.6	487.6	2.75	2.75	2.39	2.50
17-85- 3	14.72	33.57	.01271	.03263	.0	.0	0.96	6.27	1.00	.705	.0592	.842	397.4	397.4	397.4	397.4	2.79	2.79	2.39	2.50
17-85- 4	12.09	27.34	.01297	.03303	.0	.0	0.96	6.10	1.00	.706	.0595	.839	328.4	328.4	328.4	328.4	2.76	2.76	2.39	2.50
17-85- 5	9.81	21.85	.01303	.03268	.0	.0	0.96	5.81	1.00	.706	.0602	.834	265.1	265.1	265.1	265.1	2.84	2.84	2.40	2.50
17-85- 6	7.87	17.07	.01275	.03103	.0	.0	0.96	5.31	1.00	.706	.0614	.825	207.3	207.3	207.3	207.3	3.10	3.10	2.40	2.50
17-85- 7	6.57	14.06	.01285	.03085	.0	.0	0.96	5.09	1.00	.706	.0620	.821	172.6	172.6	172.6	172.6	3.15	3.15	2.40	2.50
17-85- 8	5.33	11.17	.01282	.03007	.0	.0	0.96	4.77	1.00	.706	.0630	.814	138.4	138.4	138.4	138.4	3.30	3.30	2.41	2.50
17-85- 9	4.36	8.94	.01275	.02914	.0	.0	0.96	4.45	1.00	.706	.0641	.806	111.7	111.7	111.7	111.7	3.47	3.47	2.41	2.50
17-85-10	4.47	9.22	.01282	.02947	.0	.0	0.96	4.52	1.00	.706	.0639	.808	115.2	115.2	115.2	115.2	3.42	3.42	2.41	2.50
17-85-11	3.69	7.40	.01261	.02805	.0	.0	0.97	4.15	1.00	.706	.0653	.799	92.9	92.9	92.9	92.9	3.68	3.68	2.41	2.50
17-85-12	2.96	5.81	.01278	.02779	.0	.0	0.97	3.92	1.00	.706	.0663	.793	74.1	74.1	74.1	74.1	3.77	3.77	2.42	2.50
17-85-13	2.40	4.62	.01291	.02741	.0	.0	0.97	3.70	1.00	.706	.0674	.786	59.9	59.9	59.9	59.9	3.87	3.87	2.42	2.50
17-85-14	1.97	3.66	.01279	.02612	.0	.0	0.97	3.38	1.00	.707	.0691	.776	47.9	47.9	47.9	47.9	4.15	4.15	2.42	2.50
17-85-15	1.60	2.89	.01281	.02524	.0	.0	0.97	3.13	1.00	.706	.0708	.767	38.3	38.3	38.3	38.3	4.37	4.37	2.43	2.50
17-85-16	1.32	2.30	.01256	.02350	.0	.0	0.98	2.80	1.00	.706	.0732	.754	30.7	30.7	30.7	30.7	4.78	4.78	2.43	2.50
17-85-17	1.09	1.80	.01232	.02174	.0	.0	0.98	2.49	1.00	.706	.0761	.740	24.4	24.4	24.4	24.4	5.26	5.26	2.43	2.50
17-85-18	22.49	52.80	.01268	.03351	.0	.0	0.96	6.94	1.00	.704	.0579	.852	615.1	615.1	615.1	615.1	2.63	2.63	2.38	2.50
17-85-19	4.93	10.33	.01305	.03059	.0	.0	0.96	4.77	1.00	.708	.0631	.814	129.2	129.2	129.2	129.2	3.23	3.23	2.41	2.50
17-85-20	25.96	61.11	.01346	.03683	.00612	.00526	0.96	7.82	1.25	.699	.0570	.859	731.5	507.6	754.2	523.4	2.23	2.01	2.38	2.50
17-85-21	20.88	46.70	.01257	.03313	.00706	.00619	0.96	6.87	1.31	.700	.0587	.846	551.1	357.4	571.5	370.6	2.71	2.44	2.38	2.50
17-85-22	16.16	36.09	.01273	.03333	.00745	.00640	0.96	6.58	1.24	.699	.0591	.843	431.6	302.0	444.7	311.2	2.71	2.48	2.39	2.50
17-85-23	25.55	59.12	.01298	.03502	.00710	.00611	0.96	7.46	1.24	.701	.0576	.855	699.0	489.7	720.1	504.5	2.45	2.23	2.38	2.50
17-85-24	20.18	46.10	.01302	.03473	.00737	.00633	0.96	7.10	1.23	.702	.0582	.850	550.3	392.6	566.0	403.8	2.51	2.30	2.38	2.50
17-85-25	16.00	35.81	.01296	.03399	.00767	.00660	0.96	6.68	1.24	.702	.0589	.844	430.7	304.8	443.3	313.7	2.63	2.41	2.39	2.50
17-85-26	13.11	28.66	.01275	.03267	.00779	.00669	0.96	6.21	1.23	.701	.0599	.837	345.2	246.0	355.2	253.0	2.83	2.61	2.39	2.50
17-85-27	10.61	22.91	.01289	.03273	.00821	.00704	0.96	5.98	1.23	.701	.0604	.833	279.7	201.2	287.6	206.8	2.84	2.63	2.39	2.50
17-85-28	8.64	18.23	.01278	.03172	.00834	.00715	0.96	5.59	1.22	.701	.0614	.826	223.8	162.0	230.0	166.5	3.01	2.80	2.40	2.50
17-85-29	6.99	14.40	.01266	.03071	.00831	.00712	0.96	5.21	1.23	.701	.0624	.818	178.1	128.2	183.1	131.8	3.19	2.97	2.40	2.50
17-85-30	5.74	11.54	.01253	.02964	.00840	.00719	0.96	4.85	1.22	.701	.0635	.811	143.6	104.4	147.5	107.2	3.38	3.17	2.40	2.50
17-85-31	4.77	9.35	.01238	.02860	.00837	.00718	0.96	4.52	1.23	.702	.0647	.803	117.2	84.7	120.4	87.0	3.58	3.36	2.41	2.50
17-85-32	25.89	60.45	.01339	.03674	.00709	.00618	0.96	7.82	1.29	.701	.0572	.858	725.0	477.6	750.8	494.6	2.25	2.00	2.38	2.50
17-85-33	20.24	46.09	.01315	.03533	.00748	.00652	0.96	7.24	1.29	.701	.0581	.851	554.1	366.0	573.7	379.0	2.44	2.18	2.38	2.50
17-85-34	18.58	41.67	.01287	.03408	.00746	.00651	0.96	6.90	1.30	.701	.0587	.846	498.6	327.3	516.5	339.0	2.60	2.34	2.38	2.50
17-85-35	11.93	25.86	.01299	.03352	.00798	.00698	0.96	6.27	1.30	.701	.0600	.836	316.3	207.4	327.7	214.8	2.73	2.46	2.39	2.50
17-85-36	7.74	15.91	.01260	.03099	.00829	.00723	0.96	5.38	1.29	.701	.0622	.820	196.6	130.4	203.4	134.9	3.14	2.87	2.40	2.50
17-85-37	5.01	9.66	.01220	.02826	.00818	.00716	0.96	4.54	1.31	.701	.0649	.802	120.9	79.2	125.3	82.1	3.64	3.35	2.41	2.50
17-85-38	4.22	7.92	.01203	.02709	.00809	.00708	0.96	4.22	1.30	.701	.0662	.794	99.7	65.7	103.3	68.0	3.87	3.58	2.41	2.50
17-85-39	4.28	8.01	.01199	.02702	.00797	.00701	0.96	4.22	1.32	.701	.0663	.794	100.7	65.2	104.5	67.6	3.89	3.58	2.41	2.50
17-85-40	3.28	5.97	.01174	.02559	.00822	.00714	0.96	3.80	1.28	.698	.0682	.782	75.9	50.9	78.5	52.7	4.20	3.91	2.41	2.50
17-85-41	2.46	4.25	.01167	.02409	.00785	.00683	0.96	3.37	1.29	.699	.0707	.768	55.0	36.9	56.9	38.1	4.58	4.28	2.42	2.50
17-85-42	1.99	3.31	.01167	.02301	.00776	.00674	0.97	3.08	1.28	.700	.0726	.758	43.4	29.8	44.8	30.7	4.86	4.57	2.42	2.50
17-85-43	1.60	2.55	.01166	.02197	.00757	.00658	0.97	2.81	1.28	.700	.0749	.746	34.0	23.3	35.1	24.0	5.17	4.87	2.42	2.50
17-85-44	1.29	1.93	.01135	.01977	.00712	.00620	0.98	2.43	1.28	.701	.0787	.729	26.1	18.0	26.9	18.6	5.82	5.51	2.43	2.50
17-85-45	1.06	1.47	.01101	.01757	.00663	.00580	0.99	2.08	1.30	.701	.0835	.709	20.2	13.8	20.8	14.2	6.60	6.26	2.43	2.50
17-85-46	0.87	1.04	.01031	.01415	.00604	.00531	1.00	1.62	1.32	.701	.0927	.677	14.7	10.0	15.2	10.3	8.11	7.73	2.43	2.50
17-85-47	24.01	52.56	.01272	.03459	.00707	.00679	0.96	7.43	1.65	.696	.0585	.849	631.2	285.8	675.5	305.8	2.54	2.04	2.38	2.50
17-85-48	18.43	39.79	.01303	.03528	.00744	.00715	0.95	7.23	1.65	.696	.0589	.845	487.8	220.3	522.1	235.7	2.48	1.99	2.38	2.50
17-85-49	15.26	31.89	.01281	.03407	.00756	.00736	0.95	6.79	1.70	.695	.0599	.838	392.9	171.2	421.6	183.8	2.66	2.14	2.39	2.50
17-85-50	12.12	24.51	.01255	.03267	.00770	.00750	0.95	6.27	1.70	.695	.0610	.830	303.5	132.9	325.8	142.6	2.88	2.34	2.39	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	STIF /	A1/AB	H+	G+	GPR1	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP	
17-85-	1	22.33	0.0	0.0	0.0	0.0	0.0	.726	612.9	0.0	0.0	0.0	0.0	0.0	0.0	C.C	0.0	0.0	2.04	7.70			
17-85-	2	18.01	0.0	0.0	0.0	0.0	0.0	.716	487.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.02	7.81			
17-85-	3	14.72	0.0	0.0	0.0	0.0	0.0	.709	397.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.01	7.83			
17-85-	4	12.09	0.0	0.0	0.0	0.0	0.0	.704	328.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.01	7.78			
17-85-	5	9.81	0.0	0.0	0.0	0.0	0.0	.696	265.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.99	7.82			
17-85-	6	7.87	0.0	0.0	0.0	0.0	0.0	.681	207.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.97	8.03			
17-85-	7	6.57	0.0	0.0	0.0	0.0	0.0	.674	172.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.96	8.05			
17-85-	8	5.33	0.0	0.0	0.0	0.0	0.0	.663	138.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.94	8.16			
17-85-	9	4.36	0.0	0.0	0.0	0.0	0.0	.650	111.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.92	8.28			
17-85-	10	4.47	0.0	0.0	0.0	0.0	0.0	.653	115.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.93	8.24			
17-85-	11	3.69	0.0	0.0	0.0	0.0	0.0	.638	92.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.90	8.44			
17-85-	12	2.96	0.0	0.0	0.0	0.0	0.0	.628	74.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	8.48			
17-85-	13	2.40	0.0	0.0	0.0	0.0	0.0	.618	59.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.87	8.54			
17-85-	14	1.97	0.0	0.0	0.0	0.0	0.0	.602	47.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.84	8.75			
17-85-	15	1.60	0.0	0.0	0.0	0.0	0.0	.588	38.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.81	8.90			
17-85-	16	1.32	0.0	0.0	0.0	0.0	0.0	.569	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.78	9.23			
17-85-	17	1.09	0.0	0.0	0.0	0.0	0.0	.548	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.73	9.59			
17-85-	18	22.49	0.0	0.0	0.0	0.0	0.0	.726	615.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.04	7.72			
17-85-	19	4.93	0.0	0.0	0.0	0.0	0.0	.662	129.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.94	8.09			
17-85-	20	25.96	50.1	0.92	1.09	1.12	1.10	1.12	.693	731.5	15.4	15.5	15.5	19.7	14.8	15.0	19.4	14.7	18.9	2.05	7.37	2.50	5.15
17-85-	21	20.88	56.7	0.90	1.13	1.17	1.14	1.15	.667	551.1	11.4	11.1	11.7	14.9	10.6	10.9	14.3	10.8	14.0	2.02	7.77	2.50	8.97
17-85-	22	16.16	37.6	0.92	1.10	1.14	1.11	1.16	.660	431.6	10.8	11.0	10.7	14.1	10.2	10.5	13.9	9.9	13.2	2.01	7.75	2.50	8.58
17-85-	23	25.55	54.3	0.91	1.11	1.15	1.12	1.14	.684	699.0	11.8	11.9	12.1	15.6	11.1	11.5	15.1	11.3	14.8	2.04	7.56	2.50	8.81
17-85-	24	20.18	41.1	0.91	1.11	1.14	1.12	1.15	.675	550.3	11.2	11.4	11.3	14.7	10.5	10.9	14.4	10.5	13.9	2.03	7.59	2.50	8.92
17-85-	25	16.00	35.0	0.91	1.12	1.15	1.13	1.16	.663	430.7	10.4	10.5	10.5	13.7	9.7	10.0	13.3	9.6	12.8	2.02	7.67	2.50	9.47
17-85-	26	13.11	29.0	0.90	1.13	1.17	1.14	1.17	.648	345.2	9.7	9.9	9.9	13.0	9.0	9.4	12.5	9.0	12.1	2.00	7.82	2.50	9.80
17-85-	27	10.61	24.0	0.90	1.13	1.17	1.14	1.18	.640	279.7	9.1	9.2	9.1	12.1	8.3	8.7	11.7	8.2	11.1	1.99	7.82	2.50	10.36
17-85-	28	8.64	19.7	0.89	1.14	1.19	1.15	1.20	.627	223.8	8.6	8.7	8.6	11.5	7.8	8.2	11.1	7.7	10.6	1.97	7.94	2.50	10.52
17-85-	29	6.99	16.2	0.89	1.14	1.19	1.16	1.21	.612	178.1	8.4	8.6	8.5	11.3	7.6	8.0	10.9	7.5	10.3	1.95	8.07	2.50	9.81
17-85-	30	5.74	13.0	0.89	1.15	1.21	1.17	1.22	.598	143.6	8.0	8.2	8.1	10.9	7.2	7.6	10.4	7.0	9.8	1.93	8.21	2.50	9.80
17-85-	31	4.77	10.9	0.89	1.14	1.21	1.16	1.23	.583	117.2	7.9	8.1	7.9	10.6	7.1	7.5	10.2	6.8	9.5	1.91	8.36	2.50	9.16
17-85-	32	25.89	64.3	0.92	1.10	1.13	1.11	1.14	.691	725.0	12.5	12.3	12.4	15.9	11.8	12.1	15.7	11.7	15.1	2.05	7.38	2.50	8.29
17-85-	33	20.24	53.0	0.91	1.11	1.15	1.12	1.15	.676	554.1	11.1	11.0	11.2	14.4	10.4	10.8	14.1	10.3	13.5	2.03	7.52	2.50	9.39
17-85-	34	18.58	49.6	0.91	1.12	1.16	1.13	1.16	.667	498.6	10.9	10.6	10.9	14.1	10.1	10.5	13.7	10.1	13.2	2.02	7.66	2.50	9.50
17-85-	35	11.93	34.8	0.90	1.13	1.17	1.14	1.18	.647	316.3	9.7	9.5	9.7	12.6	8.9	9.3	12.2	8.8	11.6	2.00	7.72	2.50	10.08
17-85-	36	7.74	23.0	0.90	1.14	1.19	1.16	1.21	.616	196.6	8.6	8.4	8.5	11.2	7.7	8.1	10.9	7.5	10.2	1.96	8.03	2.50	10.35
17-85-	37	5.01	15.4	0.89	1.15	1.22	1.18	1.24	.581	120.9	8.1	7.9	8.1	10.7	7.2	7.6	10.2	7.0	9.5	1.91	8.41	2.50	9.36
17-85-	38	4.22	12.7	0.88	1.16	1.23	1.18	1.25	.566	99.7	8.0	7.8	8.0	10.5	7.0	7.5	10.0	6.8	9.3	1.89	8.59	2.50	8.77
17-85-	39	4.28	13.2	0.89	1.16	1.23	1.18	1.25	.565	100.7	8.2	8.0	8.2	10.7	7.2	7.7	10.2	7.0	9.5	1.89	8.60	2.50	8.60
17-85-	40	3.28	9.9	0.90	1.13	1.22	1.15	1.28	.544	75.9	7.8	7.7	7.3	9.9	6.7	7.4	9.9	6.1	8.6	1.86	8.84	2.50	8.09
17-85-	41	2.46	7.2	0.89	1.15	1.23	1.18	1.29	.519	55.0	8.0	7.9	7.6	10.2	6.9	7.4	9.9	6.3	8.8	1.82	9.11	2.50	6.84
17-85-	42	1.99	5.4	0.88	1.17	1.26	1.20	1.31	.500	43.4	7.7	7.6	7.6	10.1	6.6	7.1	9.6	6.1	8.6	1.79	9.32	2.50	6.63
17-85-	43	1.60	4.2	0.87	1.19	1.28	1.22	1.32	.480	34.0	7.8	7.7	7.7	10.2	6.6	7.1	9.5	6.1	8.6	1.75	9.54	2.50	6.00
17-85-	44	1.29	3.2	0.86	1.21	1.32	1.25	1.34	.450	26.1	7.8	7.7	7.9	10.5	6.6	7.1	9.4	6.2	8.7	1.70	10.06	2.50	5.31
17-85-	45	1.06	2.5	0.84	1.24	1.35	1.28	1.36	.417	20.2	8.0	7.8	8.3	10.8	6.6	7.2	9.4	6.3	8.8	1.63	10.67	2.50	4.69
17-85-	46	0.87	2.0	0.83	1.28	1.42	1.33	1.41	.365	14.7	7.9	7.7	8.3	10.8	6.3	6.9	9.0	6.1	8.5	1.52	11.89	2.50	4.42
17-85-	47	24.01	153.9	0.91	1.13	1.18	1.15	1.16	.672	631.2	11.9	9.9	12.0	14.0	10.8	11.2	13.7	11.0	13.0	2.03	7.60	2.50	10.52
17-85-	48	18.43	125.7	0.91	1.14	1.19	1.15	1.17	.665	487.8	11.2	9.3	11.2	13.1	10.0	10.5	12.9	10.2	12.1	2.02	7.53	2.50	10.96
17-85-	49	15.26	114.5	0.90	1.15	1.21	1.17	1.19	.650	392.9	10.6	8.7	10.6	12.3	9.3	9.8	12.0	9.6	11.2	2.00	7.66	2.50	11.56
17-85-	50	12.12	94.2	0.90	1.16	1.22	1.18	1.20	.634	303.5	10.0	8.1	10.0	11.6	8.6	9.1	11.3	8.8	10.4	1.98	7.82	2.50	11.85

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UL/UB	F1/F2	TH/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-85- 51	9.77	19.02	.01215	.03061	.00761	.00741	0.96	5.68	1.70	.695	.0625	.819	235.5	104.1	252.6	111.6	3.20	2.66	2.39	2.50
17-85- 52	8.13	15.25	.01178	.02876	.00745	.00726	0.96	5.18	1.70	.695	.0640	.809	188.8	83.7	202.4	89.7	3.52	2.96	2.40	2.50
17-85- 53	6.61	11.81	.01138	.02672	.00733	.00718	0.96	4.66	1.72	.695	.0659	.797	146.6	64.8	157.3	69.5	3.92	3.33	2.40	2.50
17-85- 54	5.24	8.90	.01107	.02489	.00713	.00700	0.97	4.16	1.73	.695	.0680	.784	111.3	49.3	119.4	52.9	4.32	3.72	2.41	2.50
17-85- 55	4.37	7.13	.01089	.02357	.00697	.00686	0.97	3.82	1.73	.695	.0698	.774	90.0	40.1	96.4	43.0	4.64	4.02	2.41	2.50
17-85- 56	23.76	51.60	.01277	.03486	.00704	.00690	0.96	7.49	1.72	.695	.0585	.849	623.1	263.4	670.9	283.6	2.51	1.97	2.38	2.50
17-85- 57	18.43	39.05	.01274	.03423	.00728	.00714	0.96	7.05	1.72	.695	.0593	.842	476.5	202.8	512.7	218.2	2.62	2.08	2.38	2.50
17-85- 58	4.09	6.68	.01079	.02299	.00705	.00677	0.97	3.67	1.65	.692	.0704	.771	84.0	40.0	89.6	42.7	4.78	4.20	2.41	2.50
17-85- 59	3.16	4.93	.01079	.02200	.00682	.00656	0.97	3.33	1.66	.692	.0725	.759	63.2	30.2	67.3	32.2	5.07	4.49	2.41	2.50
17-85- 60	2.55	3.67	.01038	.01951	.00644	.00622	0.99	2.85	1.68	.693	.0765	.740	47.5	22.9	50.6	24.3	5.81	5.20	2.42	2.50
17-85- 61	2.01	2.71	.01030	.01811	.00596	.00581	0.99	2.52	1.71	.694	.0799	.725	35.9	17.0	38.3	18.1	6.32	5.66	2.42	2.50
17-85- 62	1.64	2.11	.01026	.01683	.00516	.00508	1.00	2.24	1.74	.695	.0832	.711	28.3	13.1	30.2	14.0	6.82	6.11	2.42	2.50
17-85- 63	1.32	1.61	.00979	.01436	.00491	.00483	1.01	1.83	1.74	.695	.0893	.689	21.7	9.8	23.3	10.5	7.92	7.13	2.43	2.50
17-85- 64	1.07	1.06	.00942	.01166	.00431	.00425	1.04	1.43	1.75	.695	.1007	.655	15.1	7.3	16.1	7.8	9.54	8.74	2.43	2.50
17-85- 65	21.16	41.88	.01225	.03308	.00699	.00773	0.96	7.13	2.17	.690	.0602	.837	512.8	159.5	568.1	176.6	2.79	2.04	2.38	2.50
17-85- 66	16.63	31.85	.01223	.03228	.00695	.00774	0.96	6.68	2.20	.689	.0612	.830	393.8	122.0	436.4	135.2	2.93	2.17	2.38	2.50
17-85- 67	13.50	24.88	.01198	.03090	.00699	.00781	0.97	6.19	2.21	.689	.0624	.821	309.3	96.3	342.6	106.7	3.16	2.38	2.39	2.50
17-85- 68	10.87	18.72	.01130	.02761	.00672	.00756	0.98	5.36	2.23	.689	.0647	.806	231.1	72.8	255.8	80.6	3.73	2.91	2.39	2.50
17-85- 69	8.90	14.64	.01087	.02537	.00652	.00726	0.98	4.77	2.19	.690	.0667	.793	180.4	58.9	199.0	65.0	4.18	3.35	2.40	2.50
17-85- 70	7.12	10.59	.01020	.02174	.00593	.00677	1.01	3.96	2.28	.689	.0705	.772	130.2	42.0	143.8	46.4	5.05	4.14	2.41	2.50
17-85- 71	4.78	6.30	.00980	.01832	.00553	.00627	1.04	3.10	2.25	.690	.0761	.743	78.6	27.2	86.3	29.8	6.12	5.19	2.41	2.50
17-85- 72	5.87	8.20	.00993	.01984	.00575	.00654	1.02	3.49	2.27	.689	.0733	.757	101.3	33.8	111.6	37.2	5.61	4.68	2.41	2.50
17-85- 73	3.82	4.57	.00954	.01608	.00516	.00587	1.06	2.61	2.26	.689	.0808	.722	57.8	20.6	63.3	22.6	6.99	6.03	2.42	2.50
17-85- 74	3.84	4.73	.00970	.01683	.00536	.00603	1.05	2.72	2.23	.690	.0795	.728	59.9	21.6	65.5	23.6	6.70	5.76	2.41	2.50
17-85- 75	2.91	3.50	.00939	.01467	.00492	.00546	1.06	2.23	2.18	.689	.0844	.709	44.4	15.9	48.6	17.4	7.65	6.65	2.42	2.50
17-85- 76	2.27	2.18	.00911	.01168	.00431	.00479	1.12	1.71	2.19	.689	.0953	.671	28.9	11.6	31.4	12.6	9.39	8.38	2.42	2.50
17-85- 77	1.80	1.49	.00885	.00940	.00367	.00408	1.15	1.31	2.19	.689	.1072	.640	20.5	8.6	22.2	9.2	11.22	10.14	2.42	2.50
17-85- 78	1.43	1.03	.00870	.00763	.00308	.00341	1.19	1.02	2.18	.688	.1201	.612	14.8	6.4	16.0	6.9	13.12	11.96	2.45	2.50
17-85- 79	1.16	0.84	.00869	.00701	.00249	.00275	1.21	0.93	2.18	.688	.1238	.606	11.9	5.1	12.9	5.5	13.92	12.69	2.56	2.50
17-70- 80	21.26	48.59	.01856	.04825	.0	.0	0.96	9.40	1.00	.702	.0756	.900	972.6	972.6	972.6	972.6	2.09	2.09	2.37	2.50
17-70- 81	16.47	37.20	.01861	.04786	.0	.0	0.96	8.90	1.00	.702	.0763	.897	750.2	750.2	750.2	750.2	2.14	2.14	2.37	2.50
17-70- 82	12.94	28.86	.01859	.04726	.0	.0	0.96	8.42	1.00	.702	.0770	.893	585.5	585.5	585.5	585.5	2.21	2.21	2.38	2.50
17-70- 83	10.27	22.55	.01835	.04597	.0	.0	0.96	7.86	1.00	.702	.0779	.888	458.0	458.0	458.0	458.0	2.33	2.33	2.38	2.50
17-70- 84	8.27	18.00	.01866	.04640	.0	.0	0.96	7.60	1.00	.702	.0784	.885	370.6	370.6	370.6	370.6	2.32	2.32	2.39	2.50
17-70- 85	6.91	14.86	.01859	.04570	.0	.0	0.96	7.23	1.00	.702	.0791	.881	307.0	307.0	307.0	307.0	2.39	2.39	2.39	2.50
17-70- 86	5.86	12.49	.01868	.04550	.0	.0	0.96	6.97	1.00	.703	.0796	.878	259.9	259.9	259.9	259.9	2.42	2.42	2.39	2.50
17-70- 87	4.68	9.80	.01847	.04419	.0	.0	0.96	6.48	1.00	.703	.0807	.873	204.7	204.7	204.7	204.7	2.56	2.56	2.40	2.50
17-70- 88	3.74	7.67	.01816	.04250	.0	.0	0.96	5.97	1.00	.704	.0820	.866	160.4	160.4	160.4	160.4	2.73	2.73	2.41	2.50
17-70- 89	2.95	5.91	.01776	.04043	.0	.0	0.96	5.43	1.00	.704	.0837	.859	123.5	123.5	123.5	123.5	2.96	2.96	2.41	2.50
17-70- 90	3.01	6.03	.01769	.04030	.0	.0	0.96	5.44	1.00	.706	.0836	.859	125.9	125.9	125.9	125.9	2.97	2.97	2.41	2.50
17-70- 91	2.60	5.08	.01696	.03752	.0	.0	0.96	4.94	1.00	.704	.0853	.851	105.1	105.1	105.1	105.1	3.28	3.28	2.42	2.50
17-70- 92	2.25	4.31	.01667	.03609	.0	.0	0.96	4.62	1.00	.704	.0866	.845	89.2	89.2	89.2	89.2	3.47	3.47	2.42	2.50
17-70- 93	1.87	3.52	.01667	.03536	.0	.0	0.96	4.35	1.00	.705	.0879	.840	73.3	73.3	73.3	73.3	3.58	3.58	2.42	2.50
17-70- 94	1.48	2.70	.01636	.03346	.0	.0	0.96	3.92	1.00	.705	.0902	.830	56.5	56.5	56.5	56.5	3.87	3.87	2.43	2.50
17-70- 95	1.25	2.22	.01611	.03198	.0	.0	0.97	3.62	1.00	.705	.0920	.823	46.8	46.8	46.8	46.8	4.10	4.10	2.43	2.50
17-70- 96	1.01	1.72	.01552	.02923	.0	.0	0.97	3.17	1.00	.706	.0954	.810	36.3	36.3	36.3	36.3	4.56	4.56	2.44	2.50
17-70- 97	0.86	1.43	.01537	.02801	.0	.0	0.97	2.93	1.00	.706	.0976	.803	30.2	30.2	30.2	30.2	4.80	4.80	2.44	2.50
17-70- 98	0.73	1.15	.01452	.02466	.0	.0	0.98	2.51	1.00	.707	.1023	.787	24.2	24.2	24.2	24.2	5.49	5.49	2.44	2.50
17-70- 99	0.61	0.92	.01400	.02229	.0	.0	0.98	2.19	1.00	.707	.1069	.773	19.5	19.5	19.5	19.5	6.08	6.08	2.45	2.50
17-70-100	0.51	0.68	.01251	.01703	.0	.0	0.99	1.64	1.00	.707	.1188	.742	14.4	14.4	14.4	14.4	7.73	7.73	2.45	2.50

RUN NO.	RE*E4	Q<KN/M2>	ST+/ ST#/ ST1*/ STT*/ ST1F/ AI/AB	H+	G+	GPRI	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP		
17-85- 51	9.77	74.9	0.89 1.17 1.24 1.20	1.22	.614	235.5	9.6	7.9	9.7	11.3	8.2	8.7	10.8	8.5	10.0	1.95	8.08	2.50	11.39
17-85- 52	8.13	60.9	0.89 1.18 1.26 1.21	1.23	.595	188.8	9.5	7.8	9.6	11.1	8.0	8.5	10.5	8.3	9.8	1.93	8.34	2.50	10.72
17-85- 53	6.61	49.7	0.88 1.20 1.28 1.23	1.25	.571	146.6	9.2	7.5	9.3	10.8	7.6	8.1	10.0	7.9	9.3	1.89	8.65	2.50	10.43
17-85- 54	5.24	38.7	0.88 1.21 1.31 1.25	1.27	.547	111.3	9.1	7.4	9.3	10.7	7.4	7.9	9.8	7.7	9.0	1.86	8.96	2.50	9.60
17-85- 55	4.37	31.5	0.87 1.23 1.33 1.26	1.28	.529	90.0	9.1	7.3	9.3	10.6	7.2	7.8	9.6	7.6	8.9	1.83	9.21	2.50	9.05
17-85- 56	23.76	173.3	0.91 1.14 1.18 1.15	1.16	.671	623.1	12.0	9.7	12.1	13.8	10.8	11.3	13.6	11.0	12.8	2.03	7.57	2.50	10.68
17-85- 57	18.43	138.8	0.91 1.14 1.20 1.16	1.18	.658	476.5	11.3	9.1	11.3	13.0	10.0	10.5	12.7	10.2	11.9	2.01	7.64	2.50	11.10
17-85- 58	4.09	29.6	0.87 1.22 1.32 1.26	1.29	.523	84.0	8.8	7.3	8.9	10.5	7.1	7.6	9.6	7.3	8.8	1.82	9.33	2.50	8.80
17-85- 59	3.16	22.0	0.87 1.23 1.33 1.27	1.30	.502	63.2	9.0	7.5	9.2	10.8	7.2	7.8	9.7	7.4	8.9	1.79	9.54	2.50	7.67
17-85- 60	2.55	16.6	0.86 1.26 1.37 1.31	1.32	.468	47.5	9.0	7.4	9.4	10.9	7.0	7.6	9.4	7.3	8.8	1.73	10.13	2.50	7.08
17-85- 61	2.01	12.4	0.86 1.27 1.39 1.32	1.32	.442	35.9	9.7	7.9	10.2	11.7	7.5	8.1	10.0	7.9	9.3	1.68	10.51	2.50	5.70
17-85- 62	1.64	8.7	0.87 1.26 1.38 1.32	1.29	.419	28.3	11.7	9.4	12.3	13.8	9.2	9.8	11.8	9.7	11.1	1.63	10.90	2.50	3.66
17-85- 63	1.32	6.6	0.85 1.27 1.45 1.37	1.31	.383	21.7	11.2	9.0	11.9	13.4	8.6	9.2	11.1	9.2	10.7	1.56	11.80	2.50	3.40
17-85- 64	1.07	4.6	0.85 1.33 1.49 1.40	1.34	.329	15.1	12.1	9.7	13.1	14.6	9.1	9.8	11.7	9.7	11.0	1.43	13.09	2.50	3.06
17-85- 65	21.16	295.9	0.90 1.18 1.26 1.21	1.19	.648	512.8	11.6	8.1	11.8	11.8	9.6	10.2	11.5	10.4	10.4	1.99	7.78	2.50	13.67
17-85- 66	16.63	238.4	0.90 1.20 1.28 1.22	1.20	.634	393.8	11.5	7.9	11.8	11.7	9.4	10.0	11.2	10.3	10.2	1.98	7.87	2.50	12.95
17-85- 67	13.50	198.6	0.89 1.21 1.31 1.24	1.22	.617	309.3	11.0	7.6	11.3	11.2	8.8	9.4	10.6	9.7	9.6	1.95	8.04	2.50	13.08
17-85- 68	10.87	156.6	0.89 1.24 1.34 1.28	1.23	.587	231.1	10.8	7.4	11.2	11.0	8.3	9.0	10.1	9.4	9.1	1.91	8.51	2.50	12.49
17-85- 69	8.90	117.3	0.89 1.25 1.36 1.29	1.24	.564	180.4	10.7	7.4	11.1	11.0	8.1	8.7	9.9	9.2	9.0	1.88	8.88	2.50	11.47
17-85- 70	7.12	92.8	0.89 1.28 1.40 1.34	1.25	.524	130.2	11.1	7.5	11.8	11.2	8.1	8.6	9.7	9.5	8.9	1.82	9.59	2.50	9.76
17-85- 71	4.78	55.3	0.88 1.33 1.46 1.39	1.27	.473	78.6	11.1	7.5	12.1	11.6	7.7	8.3	9.4	9.3	8.8	1.73	10.45	2.50	8.61
17-85- 72	5.87	72.9	0.89 1.30 1.43 1.36	1.27	.497	101.3	10.9	7.4	11.8	11.2	7.7	8.3	9.4	9.2	8.7	1.77	10.04	2.50	9.23
17-85- 73	3.82	41.5	0.88 1.36 1.50 1.43	1.28	.437	57.8	11.3	7.6	12.7	12.0	7.6	8.2	9.3	9.4	8.8	1.67	11.15	2.50	7.60
17-85- 74	3.84	41.5	0.88 1.35 1.49 1.42	1.28	.447	59.9	11.0	7.5	12.3	11.8	7.5	8.1	9.2	9.2	8.7	1.68	10.90	2.50	8.16
17-85- 75	2.91	28.4	0.86 1.36 1.54 1.47	1.28	.414	44.4	11.2	7.8	12.8	12.5	7.6	8.2	9.4	9.6	9.4	1.62	11.68	2.50	6.82
17-85- 76	2.27	19.0	0.87 1.43 1.61 1.51	1.29	.354	28.9	12.2	8.5	14.4	13.8	8.0	8.6	9.9	10.0	9.6	1.49	13.09	2.50	5.79
17-85- 77	1.80	12.3	0.87 1.46 1.70 1.55	1.28	.305	20.5	13.7	9.5	16.4	15.7	8.8	9.6	11.0	11.2	10.7	1.36	14.59	2.50	4.75
17-85- 78	1.43	7.7	0.87 1.47 1.76 1.57	1.25	.265	14.8	15.9	11.1	19.4	18.7	10.3	11.2	12.8	12.9	12.4	1.23	16.19	2.50	3.69
17-85- 79	1.16	4.5	0.90 1.43 1.76 1.53	1.17	.256	11.9	21.8	15.2	26.5	25.7	14.9	16.0	17.9	17.4	16.8	1.20	16.89	2.50	2.67
17-70- 80	21.26	0.0	0.0 0.0 0.0 0.0	0.0	.777	972.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.74	6.44		
17-70- 81	16.47	0.0	0.0 0.0 0.0 0.0	0.0	.769	750.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.73	6.46		
17-70- 82	12.94	0.0	0.0 0.0 0.0 0.0	0.0	.761	585.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.72	6.51		
17-70- 83	10.27	0.0	0.0 0.0 0.0 0.0	0.0	.751	458.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.71	6.60		
17-70- 84	8.27	0.0	0.0 0.0 0.0 0.0	0.0	.745	370.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.70	6.57		
17-70- 85	6.91	0.0	0.0 0.0 0.0 0.0	0.0	.737	307.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.69	6.62		
17-70- 86	5.86	0.0	0.0 0.0 0.0 0.0	0.0	.731	259.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.68	6.63		
17-70- 87	4.68	0.0	0.0 0.0 0.0 0.0	0.0	.720	204.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.67	6.73		
17-70- 88	3.74	0.0	0.0 0.0 0.0 0.0	0.0	.707	160.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.65	6.86		
17-70- 89	2.95	0.0	0.0 0.0 0.0 0.0	0.0	.691	123.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.63	7.03		
17-70- 90	3.01	0.0	0.0 0.0 0.0 0.0	0.0	.691	125.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.63	7.04		
17-70- 91	2.60	0.0	0.0 0.0 0.0 0.0	0.0	.675	105.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.61	7.30		
17-70- 92	2.25	0.0	0.0 0.0 0.0 0.0	0.0	.664	89.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.59	7.44		
17-70- 93	1.87	0.0	0.0 0.0 0.0 0.0	0.0	.653	73.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.57	7.52		
17-70- 94	1.48	0.0	0.0 0.0 0.0 0.0	0.0	.635	56.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.55	7.73		
17-70- 95	1.25	0.0	0.0 0.0 0.0 0.0	0.0	.620	46.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.52	7.91		
17-70- 96	1.01	0.0	0.0 0.0 0.0 0.0	0.0	.596	36.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.48	8.27		
17-70- 97	0.86	0.0	0.0 0.0 0.0 0.0	0.0	.581	30.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.46	8.45		
17-70- 98	0.73	0.0	0.0 0.0 0.0 0.0	0.0	.553	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.41	9.01		
17-70- 99	0.61	0.0	0.0 0.0 0.0 0.0	0.0	.527	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.36	9.47		
17-70-100	0.51	0.0	0.0 0.0 0.0 0.0	0.0	.472	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.24	10.84		

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-70-101	22.93	52.44	.01826	.04745	.0	.0	0.96	9.39	1.00	.706	.0756	.900	1040.9	1040.9	1040.9	1040.9	2.15	2.15	2.37	2.50
17-70-102	17.37	39.24	.01836	.04720	.0	.0	0.96	8.88	1.00	.705	.0763	.897	786.0	786.0	786.0	786.0	2.19	2.19	2.37	2.50
17-70-103	13.96	31.15	.01827	.04644	.0	.0	0.96	8.41	1.00	.705	.0770	.893	626.4	626.4	626.4	626.4	2.26	2.26	2.38	2.50
17-70-104	11.00	24.18	.01806	.04523	.0	.0	0.96	7.85	1.00	.705	.0779	.888	487.1	487.1	487.1	487.1	2.38	2.38	2.38	2.50
17-70-105	8.92	19.40	.01818	.04508	.0	.0	0.96	7.52	1.00	.705	.0785	.885	394.3	394.3	394.3	394.3	2.42	2.42	2.39	2.50
17-70-106	7.30	15.69	.01816	.04448	.0	.0	0.96	7.14	1.00	.705	.0792	.881	320.6	320.6	320.6	320.6	2.49	2.49	2.39	2.50
17-70-107	6.12	13.00	.01817	.04404	.0	.0	0.96	6.83	1.00	.706	.0799	.877	267.4	267.4	267.4	267.4	2.54	2.54	2.40	2.50
17-70-108	5.25	11.04	.01817	.04358	.0	.0	0.96	6.56	1.00	.706	.0805	.874	228.2	228.2	228.2	228.2	2.60	2.60	2.40	2.50
17-70-109	4.62	9.62	.01810	.04299	.0	.0	0.96	6.31	1.00	.706	.0811	.871	199.4	199.4	199.4	199.4	2.67	2.67	2.40	2.50
17-70-110	4.05	8.34	.01799	.04222	.0	.0	0.96	6.04	1.00	.706	.0818	.867	173.2	173.2	173.2	173.2	2.75	2.75	2.40	2.50
17-70-111	3.58	7.29	.01784	.04134	.0	.0	0.96	5.77	1.00	.706	.0826	.864	151.7	151.7	151.7	151.7	2.85	2.85	2.41	2.50
17-70-112	3.96	8.11	.01778	.04149	.0	.0	0.96	5.92	1.00	.706	.0823	.865	167.9	167.9	167.9	167.9	2.85	2.85	2.41	2.50
17-70-113	3.37	6.77	.01732	.03956	.0	.0	0.96	5.48	1.00	.706	.0835	.859	139.5	139.5	139.5	139.5	3.05	3.05	2.41	2.50
17-70-114	2.83	5.58	.01713	.03834	.0	.0	0.96	5.13	1.00	.706	.0847	.854	115.5	115.5	115.5	115.5	3.19	3.19	2.41	2.50
17-70-115	2.53	4.94	.01700	.03756	.0	.0	0.96	4.92	1.00	.707	.0855	.850	102.4	102.4	102.4	102.4	3.29	3.29	2.42	2.50
17-70-116	2.18	4.17	.01677	.03629	.0	.0	0.96	4.61	1.00	.707	.0867	.845	86.6	86.6	86.6	86.6	3.45	3.45	2.42	2.50
17-70-117	1.93	3.63	.01652	.03506	.0	.0	0.96	4.35	1.00	.708	.0880	.839	75.4	75.4	75.4	75.4	3.64	3.64	2.42	2.50
17-70-118	1.66	3.06	.01627	.03369	.0	.0	0.96	4.05	1.00	.708	.0895	.833	63.7	63.7	63.7	63.7	3.84	3.84	2.43	2.50
17-70-119	1.46	2.66	.01624	.03305	.0	.0	0.96	3.87	1.00	.708	.0906	.829	55.7	55.7	55.7	55.7	3.94	3.94	2.43	2.50
17-70-120	1.27	2.26	.01605	.03188	.0	.0	0.97	3.62	1.00	.708	.0921	.823	47.5	47.5	47.5	47.5	4.13	4.13	2.43	2.50
17-70-121	1.11	1.93	.01582	.03058	.0	.0	0.97	3.38	1.00	.708	.0939	.816	40.7	40.7	40.7	40.7	4.35	4.35	2.44	2.50
17-70-122	0.97	1.66	.01560	.02932	.0	.0	0.97	3.15	1.00	.708	.0957	.809	35.0	35.0	35.0	35.0	4.58	4.58	2.44	2.50
17-70-123	0.85	1.39	.01509	.02711	.0	.0	0.97	2.84	1.00	.708	.0987	.799	29.4	29.4	29.4	29.4	4.99	4.99	2.44	2.50
17-70-124	0.75	1.19	.01477	.02556	.0	.0	0.97	2.61	1.00	.708	.1012	.791	25.3	25.3	25.3	25.3	5.32	5.32	2.44	2.50
17-70-125	0.65	0.95	.01337	.02074	.0	.0	0.98	2.08	1.00	.706	.1091	.767	19.9	19.9	19.9	19.9	6.51	6.51	2.45	2.50
17-70-126	0.58	0.85	.01384	.02151	.0	.0	0.98	2.09	1.00	.708	.1090	.768	18.1	18.1	18.1	18.1	6.34	6.34	2.45	2.50
17-70-127	0.50	0.66	.01233	.01648	.0	.0	1.00	1.58	1.00	.708	.1215	.738	13.9	13.9	13.9	13.9	8.07	8.07	2.45	2.50
17-70-128	19.95	44.67	.01765	.04551	.00835	.00706	0.96	8.87	1.19	.696	.0765	.896	882.5	656.1	904.8	672.6	2.32	2.16	2.37	2.50
17-70-129	15.15	33.31	.01759	.04475	.00889	.00751	0.96	8.32	1.19	.695	.0774	.891	662.5	494.9	678.9	507.2	2.40	2.24	2.38	2.50
17-70-130	11.92	25.85	.01762	.04427	.00926	.00782	0.96	7.88	1.18	.695	.0781	.887	517.7	389.5	530.3	399.0	2.46	2.31	2.38	2.50
17-70-131	9.51	20.34	.01766	.04398	.00975	.00821	0.95	7.51	1.18	.695	.0789	.883	411.2	311.7	420.5	319.1	2.51	2.36	2.39	2.50
17-70-132	7.96	16.69	.01769	.04365	.00990	.00843	0.96	7.23	1.21	.697	.0796	.879	340.3	250.0	349.3	256.5	2.56	2.39	2.39	2.50
17-70-133	6.36	13.21	.01759	.04283	.01038	.00881	0.95	6.79	1.20	.696	.0805	.875	270.7	199.7	277.7	204.9	2.66	2.48	2.39	2.50
17-70-134	5.26	10.69	.01734	.04181	.01057	.00897	0.95	6.42	1.20	.696	.0816	.869	220.1	162.2	225.9	166.4	2.78	2.60	2.40	2.50
17-70-135	4.25	8.52	.01709	.04012	.01067	.00907	0.95	5.90	1.21	.696	.0828	.863	175.3	128.0	180.0	131.4	2.96	2.78	2.40	2.50
17-70-136	3.51	6.84	.01664	.03844	.01051	.00894	0.95	5.48	1.20	.697	.0843	.856	141.1	103.3	144.8	106.1	3.16	2.98	2.41	2.50
17-70-137	3.07	5.87	.01625	.03681	.01034	.00876	0.95	5.12	1.20	.696	.0856	.850	120.6	89.5	123.7	91.8	3.37	3.19	2.41	2.50
17-70-138	1.99	3.60	.01556	.03324	.00988	.00842	0.95	4.25	1.21	.697	.0895	.834	74.4	53.8	76.5	55.3	3.87	3.66	2.42	2.50
17-70-139	1.61	2.80	.01517	.03134	.00959	.00820	0.95	3.85	1.22	.698	.0920	.824	58.3	41.9	60.0	43.1	4.18	3.96	2.43	2.50
17-70-140	1.35	2.27	.01491	.02983	.00931	.00799	0.95	3.54	1.23	.698	.0942	.815	47.5	33.8	48.9	34.7	4.44	4.21	2.43	2.50
17-70-141	1.15	1.85	.01449	.02783	.00924	.00792	0.96	3.20	1.23	.698	.0970	.805	38.9	27.8	40.0	28.6	4.81	4.58	2.43	2.50
17-70-142	0.96	1.49	.01403	.02549	.00875	.00752	0.96	2.83	1.24	.698	.1006	.793	31.3	22.4	32.1	23.0	5.30	5.05	2.44	2.50
17-70-143	0.82	1.18	.01330	.02251	.00832	.00717	0.97	2.43	1.24	.698	.1058	.777	24.8	17.7	25.5	18.2	6.00	5.74	2.44	2.50
17-70-144	0.70	0.95	.01273	.02015	.00774	.00670	0.97	2.12	1.25	.699	.1112	.762	20.1	14.2	20.7	14.6	6.68	6.39	2.44	2.50
17-70-145	0.60	0.71	.01151	.01562	.00727	.00629	0.99	1.61	1.25	.699	.1240	.732	15.0	10.8	15.5	11.1	8.35	8.05	2.44	2.50
17-70-146	0.50	0.54	.01103	.01335	.00672	.00582	1.00	1.33	1.26	.699	.1350	.711	11.7	8.5	12.1	8.7	9.53	9.21	2.45	2.50
17-70-147	17.35	37.02	.01754	.04572	.00858	.00797	0.95	8.88	1.52	.688	.0776	.891	747.5	378.2	792.9	401.1	2.34	1.97	2.37	2.50
17-70-148	13.46	28.11	.01762	.04502	.00917	.00844	0.96	8.35	1.49	.687	.0784	.886	571.0	302.9	603.3	319.9	2.42	2.07	2.38	2.50
17-70-149	10.23	20.96	.01754	.04439	.00942	.00870	0.95	7.85	1.51	.686	.0794	.881	430.0	225.3	454.9	238.2	2.50	2.14	2.38	2.50
17-70-150	8.33	16.75	.01742	.04360	.00970	.00896	0.95	7.43	1.51	.687	.0803	.876	345.5	181.2	365.4	191.6	2.60	2.23	2.39	2.50

RUN NO.	RE*E4	Q<Kw/M2>	ST+/ 0.0	ST*/ 0.0	ST1*/ 0.0	STT*/ 0.0	ST1F/ 0.0	A1/AB	H+	G+	GPR1	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP
17-70-101	22.93	0.0	0.0	0.0	0.0	0.0	0.0	.778	1040.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.74	6.49		
17-70-102	17.37	0.0	0.0	0.0	0.0	0.0	0.0	.769	786.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.73	6.51		
17-70-103	13.96	0.0	0.0	0.0	0.0	0.0	0.0	.761	626.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.72	6.56		
17-70-104	11.00	0.0	0.0	0.0	0.0	0.0	0.0	.751	487.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.71	6.65		
17-70-105	8.92	0.0	0.0	0.0	0.0	0.0	0.0	.744	394.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.70	6.66		
17-70-106	7.30	0.0	0.0	0.0	0.0	0.0	0.0	.736	320.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.69	6.71		
17-70-107	6.12	0.0	0.0	0.0	0.0	0.0	0.0	.729	267.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.68	6.74		
17-70-108	5.25	0.0	0.0	0.0	0.0	0.0	0.0	.722	228.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.67	6.77		
17-70-109	4.62	0.0	0.0	0.0	0.0	0.0	0.0	.716	199.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.66	6.82		
17-70-110	4.05	0.0	0.0	0.0	0.0	0.0	0.0	.709	173.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.65	6.88		
17-70-111	3.58	0.0	0.0	0.0	0.0	0.0	0.0	.701	151.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.64	6.96		
17-70-112	3.96	0.0	0.0	0.0	0.0	0.0	0.0	.705	167.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.65	6.94		
17-70-113	3.37	0.0	0.0	0.0	0.0	0.0	0.0	.693	139.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.63	7.11		
17-70-114	2.83	0.0	0.0	0.0	0.0	0.0	0.0	.682	115.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.62	7.22		
17-70-115	2.53	0.0	0.0	0.0	0.0	0.0	0.0	.674	102.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.61	7.30		
17-70-116	2.18	0.0	0.0	0.0	0.0	0.0	0.0	.663	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.59	7.42		
17-70-117	1.93	0.0	0.0	0.0	0.0	0.0	0.0	.652	75.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.57	7.55		
17-70-118	1.66	0.0	0.0	0.0	0.0	0.0	0.0	.640	63.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.55	7.70		
17-70-119	1.46	0.0	0.0	0.0	0.0	0.0	0.0	.632	55.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.54	7.78		
17-70-120	1.27	0.0	0.0	0.0	0.0	0.0	0.0	.620	47.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.52	7.92		
17-70-121	1.11	0.0	0.0	0.0	0.0	0.0	0.0	.607	40.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	8.09		
17-70-122	0.97	0.0	0.0	0.0	0.0	0.0	0.0	.594	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.48	8.26		
17-70-123	0.85	0.0	0.0	0.0	0.0	0.0	0.0	.575	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.45	8.59		
17-70-124	0.75	0.0	0.0	0.0	0.0	0.0	0.0	.559	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.42	8.84		
17-70-125	0.65	0.0	0.0	0.0	0.0	0.0	0.0	.517	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.34	9.82		
17-70-126	0.58	0.0	0.0	0.0	0.0	0.0	0.0	.517	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.34	9.64		
17-70-127	0.50	0.0	0.0	0.0	0.0	0.0	0.0	.464	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.22	11.02		
17-70-128	19.95	62.0	0.95	1.06	1.07	1.05	1.14	.747	882.5	12.9	13.4	12.4	16.1	12.7	13.0	16.7	11.6	15.2	1.73	6.63	2.50	8.38
17-70-129	15.15	51.0	0.94	1.07	1.09	1.06	1.15	.736	662.5	11.5	12.0	11.2	14.7	11.3	11.6	15.1	10.3	13.7	1.72	6.69	2.50	9.53
17-70-130	11.92	40.8	0.93	1.08	1.10	1.07	1.16	.727	517.7	10.8	11.2	10.5	13.8	10.5	10.8	14.1	9.6	12.8	1.70	6.72	2.50	10.01
17-70-131	9.51	33.1	0.93	1.08	1.10	1.07	1.18	.718	411.2	10.0	10.5	9.7	12.8	9.7	10.0	13.2	8.7	11.8	1.69	6.74	2.50	10.66
17-70-132	7.96	30.7	0.91	1.11	1.15	1.11	1.19	.709	340.3	9.4	9.7	9.4	12.3	8.9	9.4	12.4	8.4	11.3	1.68	6.77	2.50	11.90
17-70-133	6.36	25.5	0.93	1.09	1.11	1.08	1.20	.699	270.7	8.9	9.2	8.5	11.4	8.6	9.0	11.8	7.5	10.3	1.67	6.83	2.50	11.34
17-70-134	5.26	21.5	0.92	1.09	1.12	1.09	1.22	.687	220.1	8.5	8.8	8.1	10.8	8.1	8.5	11.2	7.1	9.8	1.66	6.92	2.50	11.46
17-70-135	4.25	18.0	0.93	1.08	1.11	1.08	1.23	.675	175.3	8.2	8.5	7.7	10.4	7.9	8.3	10.9	6.7	9.3	1.64	7.06	2.50	10.83
17-70-136	3.51	14.3	0.92	1.09	1.12	1.08	1.25	.659	141.1	8.2	8.4	7.6	10.2	7.8	8.1	10.8	6.5	9.1	1.62	7.21	2.50	9.95
17-70-137	3.07	12.2	0.92	1.09	1.12	1.09	1.26	.646	120.6	8.1	8.4	7.6	10.2	7.7	8.0	10.6	6.4	9.0	1.60	7.37	2.50	9.36
17-70-138	1.99	8.0	0.92	1.09	1.13	1.09	1.29	.610	74.4	8.2	8.4	7.5	10.0	7.7	8.1	10.6	6.2	8.7	1.55	7.76	2.50	7.31
17-70-139	1.61	6.4	0.92	1.10	1.14	1.11	1.31	.589	58.3	8.1	8.3	7.5	10.0	7.7	8.0	10.5	6.1	8.6	1.52	7.99	2.50	6.57
17-70-140	1.35	5.4	0.91	1.11	1.15	1.11	1.33	.572	47.5	8.2	8.4	7.6	10.1	7.7	8.1	10.5	6.1	8.6	1.50	8.19	2.50	5.90
17-70-141	1.15	4.5	0.90	1.12	1.16	1.13	1.36	.551	38.9	7.9	8.0	7.3	9.7	7.3	7.6	10.0	5.7	8.2	1.47	8.48	2.50	5.90
17-70-142	0.96	3.6	0.89	1.15	1.19	1.16	1.37	.526	31.3	7.9	8.0	7.5	10.0	7.3	7.6	9.9	5.8	8.3	1.43	8.86	2.50	5.35
17-70-143	0.82	3.0	0.88	1.16	1.21	1.18	1.41	.494	24.8	7.8	7.9	7.5	9.9	7.1	7.4	9.7	5.6	8.0	1.37	9.43	2.50	5.02
17-70-144	0.70	2.4	0.88	1.17	1.23	1.19	1.43	.464	20.1	8.2	8.2	7.7	10.1	7.4	7.7	10.0	5.7	8.1	1.32	9.96	2.50	4.38
17-70-145	0.60	1.9	0.84	1.24	1.30	1.27	1.54	.406	15.0	7.3	7.3	7.1	9.4	6.4	6.7	8.7	4.9	7.1	1.20	11.32	2.50	5.03
17-70-146	0.50	1.5	0.82	1.27	1.37	1.31	1.60	.367	11.7	7.4	7.4	7.3	9.6	6.4	6.7	8.7	4.8	7.0	1.11	12.24	2.50	5.22
17-70-147	17.35	199.1	0.92	1.10	1.13	1.09	1.16	.736	747.5	12.0	10.6	11.9	14.2	11.5	11.9	14.6	10.9	13.2	1.71	6.61	2.50	10.95
17-70-148	13.46	156.5	0.91	1.13	1.15	1.12	1.17	.725	571.0	10.7	9.6	10.8	13.1	10.1	10.5	13.1	9.7	12.0	1.70	6.66	2.50	12.92
17-70-149	10.23	130.5	0.90	1.13	1.15	1.12	1.19	.714	430.0	10.2	9.1	10.2	12.4	9.6	10.0	12.4	9.1	11.2	1.69	6.71	2.50	12.76
17-70-150	8.33	107.8	0.90	1.14	1.16	1.13	1.20	.703	345.5	9.6	8.5	9.6	11.7	9.0	9.4	11.7	8.5	10.5	1.67	6.77	2.50	13.24

Table 5 cont.

RUN NO.	RE*E4	REI*E4	F	FI	STB	STPR	UI/UB	FL/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-70-151	6.62	13.01	.01706	.04211	.00989	.00913	0.95	6.90	1.51	.687	.0815	.870	269.2	141.1	284.7	149.2	2.76	2.38	2.39	2.50
17-70-152	5.38	10.35	.01662	.04041	.00990	.00915	0.94	6.39	1.51	.687	.0829	.864	214.2	111.8	226.6	118.2	2.94	2.56	2.40	2.50
17-70-153	4.46	8.28	.01571	.03721	.00973	.00900	0.94	5.72	1.51	.687	.0849	.854	169.8	88.5	179.6	93.6	3.31	2.91	2.40	2.50
17-70-154	3.72	6.72	.01519	.03514	.00939	.00872	0.94	5.24	1.52	.688	.0867	.847	137.5	70.9	145.6	75.1	3.58	3.16	2.41	2.50
17-70-155	2.92	5.07	.01458	.03259	.00901	.00837	0.94	4.65	1.52	.688	.0892	.836	103.7	53.4	109.8	56.6	3.95	3.51	2.41	2.50
17-70-156	2.78	4.80	.01456	.03231	.00893	.00828	0.94	4.56	1.51	.688	.0896	.834	98.3	51.2	104.0	54.1	4.00	3.57	2.41	2.50
17-70-157	2.18	3.63	.01412	.03017	.00848	.00790	0.94	4.07	1.52	.688	.0924	.823	74.5	38.3	78.9	40.5	4.35	3.90	2.42	2.50
17-70-158	1.75	2.77	.01365	.02780	.00804	.00750	0.95	3.60	1.53	.689	.0956	.811	57.0	29.4	60.4	31.1	4.78	4.31	2.42	2.50
17-70-159	1.41	2.13	.01330	.02579	.00760	.00711	0.95	3.20	1.54	.689	.0990	.799	44.1	22.7	46.7	24.1	5.20	4.72	2.43	2.50
17-70-160	1.14	1.61	.01278	.02304	.00700	.00658	0.96	2.74	1.55	.689	.1039	.784	33.5	17.2	35.5	18.3	5.85	5.33	2.43	2.50
17-70-161	0.93	1.20	.01219	.01992	.00628	.00594	0.98	2.28	1.57	.690	.1106	.765	25.2	13.1	26.7	13.8	6.72	6.17	2.44	2.50
17-70-162	0.77	0.92	.01163	.01721	.00554	.00526	0.99	1.90	1.58	.690	.1183	.745	19.4	10.1	20.6	10.7	7.67	7.08	2.44	2.50
17-70-163	0.65	0.68	.01095	.01408	.00481	.00458	1.01	1.50	1.59	.690	.1306	.720	14.7	7.7	15.5	8.1	9.12	8.47	2.44	2.50
17-70-164	16.55	34.13	.01742	.04477	.00842	.00825	0.96	8.69	1.70	.684	.0783	.888	690.8	304.9	742.3	327.3	2.44	1.98	2.37	2.50
17-70-165	12.53	25.33	.01743	.04430	.00892	.00869	0.96	8.19	1.68	.684	.0792	.883	518.0	233.3	555.7	250.1	2.51	2.06	2.38	2.50
17-70-166	9.72	19.21	.01727	.04328	.00932	.00903	0.96	7.66	1.67	.684	.0803	.877	395.2	181.4	423.3	194.1	2.62	2.18	2.38	2.50
17-70-167	7.93	15.35	.01697	.04204	.00947	.00918	0.96	7.19	1.67	.684	.0814	.872	316.6	145.3	339.1	155.5	2.76	2.31	2.39	2.50
17-70-168	6.28	11.79	.01629	.03962	.00937	.00912	0.95	6.53	1.68	.684	.0831	.863	242.5	109.9	260.1	117.7	3.02	2.55	2.39	2.50
17-70-169	5.08	9.21	.01549	.03678	.00915	.00890	0.95	5.86	1.68	.684	.0851	.854	188.3	85.3	201.9	91.4	3.36	2.87	2.40	2.50
17-70-170	4.13	7.23	.01479	.03423	.00881	.00860	0.94	5.27	1.69	.684	.0872	.845	147.3	66.1	158.1	70.8	3.70	3.18	2.41	2.50
17-70-171	3.39	5.71	.01414	.03170	.00838	.00822	0.94	4.72	1.70	.684	.0896	.835	115.9	51.5	124.5	55.3	4.07	3.52	2.41	2.50
17-70-172	2.78	4.49	.01363	.02938	.00799	.00785	0.95	4.23	1.71	.685	.0923	.824	91.0	40.5	97.7	43.5	4.45	3.89	2.42	2.50
17-70-173	2.32	3.60	.01326	.02748	.00749	.00740	0.95	3.82	1.72	.685	.0949	.815	73.1	32.3	78.6	34.7	4.81	4.22	2.42	2.50
17-70-174	2.39	3.74	.01333	.02787	.00755	.00746	0.95	3.90	1.72	.685	.0946	.816	76.1	33.6	81.8	36.0	4.78	4.20	2.42	2.50
17-70-175	1.90	2.80	.01284	.02526	.00703	.00698	0.96	3.38	1.74	.685	.0983	.803	57.1	25.2	61.3	27.1	5.28	4.67	2.42	2.50
17-70-176	1.53	2.14	.01255	.02322	.00650	.00647	0.97	2.97	1.74	.685	.1021	.790	43.9	19.6	47.1	21.0	5.76	5.13	2.43	2.50
17-70-177	1.23	1.60	.01205	.02040	.00588	.00587	0.99	2.50	1.76	.686	.1080	.773	32.9	14.9	35.3	15.9	6.54	5.87	2.43	2.50
17-70-178	0.83	0.93	.01105	.01466	.00428	.00431	1.03	1.65	1.79	.686	.1245	.732	19.2	8.6	20.6	9.2	8.71	7.92	2.44	2.50
17-70-179	1.01	1.20	.01153	.01747	.00506	.00509	1.01	2.06	1.78	.686	.1155	.753	24.9	11.3	26.7	12.1	7.52	6.80	2.44	2.50
17-70-180	0.67	0.68	.01072	.01251	.00360	.00362	1.04	1.35	1.77	.687	.1354	.711	14.5	6.6	15.5	7.1	9.91	9.08	2.44	2.50
17-70-181	0.53	0.44	.00949	.00839	.00274	.00274	1.09	0.92	1.77	.686	.1612	.672	9.5	4.5	10.1	4.813	1.912	2.23	2.59	2.50
17-50-182	14.03	28.76	.03756	.08833	.0	.0	0.96	14.55	1.00	.701	.1520	.955	1862.8	81862.8	81862.8	81862.8	2.32	2.32	2.33	2.50
17-50-183	10.01	20.29	.03714	.08663	.0	.0	0.95	13.42	1.00	.702	.1533	.953	1315.4	41315.4	41315.4	41315.4	2.39	2.39	2.35	2.50
17-50-184	7.41	14.86	.03691	.08543	.0	.0	0.95	12.50	1.00	.702	.1546	.950	966.0	966.0	966.0	966.0	2.45	2.45	2.35	2.50
17-50-185	5.69	11.30	.03676	.08448	.0	.0	0.95	11.74	1.00	.703	.1558	.948	737.5	737.5	737.5	737.5	2.49	2.49	2.36	2.50
17-50-186	4.43	8.72	.03678	.08396	.0	.0	0.95	11.09	1.00	.703	.1569	.946	572.3	572.3	572.3	572.3	2.53	2.53	2.37	2.50
17-50-187	3.60	7.02	.03679	.08345	.0	.0	0.95	10.56	1.00	.704	.1580	.944	463.1	463.1	463.1	463.1	2.56	2.56	2.38	2.50
17-50-188	3.26	6.34	.03691	.08352	.0	.0	0.95	10.35	1.00	.704	.1584	.943	419.6	419.6	419.6	419.6	2.57	2.57	2.38	2.50
17-50-189	2.59	5.00	.03774	.08503	.0	.0	0.95	10.00	1.00	.704	.1593	.941	335.9	335.9	335.9	335.9	2.54	2.54	2.38	2.50
17-50-190	2.07	3.96	.03803	.08510	.0	.0	0.95	9.52	1.00	.705	.1604	.939	268.6	268.6	268.6	268.6	2.55	2.55	2.39	2.50
17-50-191	1.68	3.18	.03766	.08346	.0	.0	0.95	8.93	1.00	.705	.1619	.937	215.6	215.6	215.6	215.6	2.62	2.62	2.40	2.50
17-50-192	1.37	2.56	.03721	.08155	.0	.0	0.95	8.34	1.00	.706	.1635	.934	173.7	173.7	173.7	173.7	2.70	2.70	2.41	2.50
17-50-193	1.14	2.10	.03597	.07762	.0	.0	0.95	7.64	1.00	.707	.1656	.930	141.1	141.1	141.1	141.1	2.86	2.86	2.41	2.50
17-50-194	0.91	1.64	.03486	.07380	.0	.0	0.95	6.92	1.00	.707	.1682	.926	109.5	109.5	109.5	109.5	3.04	3.04	2.42	2.50
17-50-195	0.75	1.33	.03414	.07111	.0	.0	0.95	6.38	1.00	.707	.1705	.923	98.7	88.7	88.7	88.7	3.17	3.17	2.43	2.50
17-50-196	0.61	1.07	.03363	.06886	.0	.0	0.95	5.90	1.00	.707	.1728	.919	71.6	71.6	71.6	71.6	3.29	3.29	2.44	2.50
17-50-197	0.49	0.85	.03272	.06546	.0	.0	0.95	5.33	1.00	.707	.1761	.914	56.3	56.3	56.3	56.3	3.49	3.49	2.45	2.50
17-50-198	0.41	0.69	.03287	.06476	.0	.0	0.95	5.01	1.00	.707	.1783	.911	45.9	45.9	45.9	45.9	3.54	3.54	2.46	2.50
17-50-199	0.33	0.55	.03216	.06177	.0	.0	0.95	4.55	1.00	.707	.1817	.906	37.0	37.0	37.0	37.0	3.72	3.72	2.47	2.50
17-50-200	0.27	0.44	.03167	.05931	.0	.0	0.95	4.15	1.00	.707	.1853	.901	29.5	29.5	29.5	29.5	3.89	3.89	2.48	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPRI	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP		
17-70-151	6.62	88.0	0.90	1.14	1.17	1.13	1.22	.689	269.2	9.1	8.1	9.0	11.0	8.5	8.9	11.1	7.8	9.8	1.66	6.89	2.50	13.10
17-70-152	5.38	71.2	0.90	1.14	1.17	1.13	1.24	.675	214.2	8.9	7.9	8.7	10.6	8.3	8.6	10.8	7.5	9.4	1.64	7.04	2.50	12.43
17-70-153	4.46	57.2	0.90	1.14	1.17	1.14	1.27	.654	169.8	8.6	7.6	8.3	10.2	8.0	8.3	10.4	7.1	8.9	1.61	7.33	2.50	11.72
17-70-154	3.72	46.5	0.90	1.14	1.18	1.14	1.28	.637	137.5	8.7	7.7	8.4	10.2	8.0	8.4	10.5	7.1	8.9	1.59	7.54	2.50	10.28
17-70-155	2.92	34.8	0.90	1.14	1.18	1.15	1.30	.614	103.7	8.8	7.8	8.4	10.3	8.1	8.5	10.5	7.0	8.9	1.56	7.83	2.50	8.60
17-70-156	2.78	31.9	0.89	1.14	1.18	1.15	1.30	.611	98.3	8.9	7.9	8.5	10.4	8.2	8.5	10.6	7.1	8.9	1.55	7.87	2.50	8.35
17-70-157	2.18	24.0	0.89	1.15	1.19	1.16	1.31	.588	74.5	9.2	8.1	8.7	10.6	8.4	8.8	10.8	7.2	9.1	1.52	8.14	2.50	6.89
17-70-158	1.75	18.1	0.89	1.16	1.20	1.17	1.33	.562	57.0	9.4	8.3	9.0	10.8	8.5	8.9	10.9	7.3	9.2	1.48	8.48	2.50	5.86
17-70-159	1.41	13.8	0.89	1.17	1.21	1.18	1.34	.538	44.1	9.7	8.5	9.3	11.2	8.8	9.1	11.1	7.5	9.4	1.44	8.81	2.50	4.90
17-70-160	1.14	10.4	0.88	1.19	1.23	1.21	1.35	.506	33.5	10.1	8.8	9.9	11.7	9.0	9.3	11.3	7.5	9.7	1.39	9.32	2.50	4.08
17-70-161	0.93	7.7	0.87	1.21	1.27	1.24	1.36	.468	25.2	10.7	9.3	10.7	12.6	9.4	9.6	11.7	8.4	10.2	1.32	10.02	2.50	3.34
17-70-162	0.77	5.6	0.87	1.23	1.28	1.26	1.36	.431	19.4	11.6	10.0	11.8	13.7	10.2	10.4	12.5	9.2	11.0	1.25	10.78	2.50	2.54
17-70-163	0.65	4.0	0.86	1.25	1.31	1.30	1.37	.383	14.7	12.5	10.7	12.9	14.8	10.8	10.5	13.1	9.5	11.7	1.14	11.92	2.50	2.08
17-70-164	16.55	287.4	0.91	1.14	1.16	1.13	1.17	.728	690.8	12.0	9.8	12.2	13.8	11.2	11.6	13.8	11.0	12.6	1.70	6.68	2.50	12.14
17-70-165	12.53	232.6	0.90	1.15	1.17	1.14	1.18	.717	518.0	10.9	9.0	11.2	12.7	10.1	10.5	12.6	9.9	11.5	1.69	6.72	2.50	13.22
17-70-166	9.72	186.1	0.89	1.16	1.19	1.15	1.20	.704	395.2	10.0	8.3	10.3	11.8	9.2	9.6	11.7	9.0	10.5	1.67	6.80	2.50	14.13
17-70-167	7.93	150.7	0.89	1.16	1.19	1.16	1.21	.692	316.6	9.6	8.0	9.8	11.3	8.8	9.2	11.1	8.4	9.9	1.66	6.90	2.50	14.06
17-70-168	6.28	121.3	0.89	1.17	1.20	1.16	1.24	.674	242.5	9.4	7.7	9.4	10.9	8.5	8.9	10.8	8.1	9.5	1.64	7.10	2.50	13.12
17-70-169	5.08	96.6	0.89	1.17	1.20	1.17	1.26	.654	188.3	9.2	7.6	9.2	10.6	8.4	8.7	10.6	7.8	9.2	1.61	7.37	2.50	11.92
17-70-170	4.13	75.1	0.89	1.17	1.21	1.17	1.28	.633	147.3	9.3	7.7	9.2	10.5	8.4	8.8	10.6	7.7	9.0	1.58	7.64	2.50	10.35
17-70-171	3.39	59.0	0.89	1.17	1.21	1.18	1.29	.612	115.9	9.5	7.8	9.3	10.6	8.5	8.9	10.7	7.7	9.1	1.55	7.94	2.50	8.75
17-70-172	2.78	45.7	0.88	1.18	1.22	1.19	1.31	.589	91.0	9.7	7.9	9.5	10.8	8.6	9.0	10.7	7.8	9.1	1.52	8.25	2.50	7.61
17-70-173	2.32	36.0	0.88	1.19	1.23	1.20	1.31	.569	73.1	10.1	8.3	10.0	11.3	9.0	9.3	11.1	8.2	9.5	1.49	8.53	2.50	6.24
17-70-174	2.39	36.9	0.88	1.19	1.23	1.21	1.31	.572	76.1	10.1	8.2	10.0	11.2	9.0	9.3	11.0	8.2	9.4	1.49	8.47	2.50	6.53
17-70-175	1.90	27.5	0.88	1.20	1.25	1.22	1.32	.544	57.1	10.5	8.5	10.5	11.7	9.2	9.5	11.3	8.5	9.7	1.45	8.90	2.50	5.29
17-70-176	1.53	20.4	0.88	1.21	1.26	1.24	1.32	.519	43.9	11.1	9.0	11.2	12.5	9.7	10.0	11.8	9.1	10.3	1.41	9.28	2.50	4.21
17-70-177	1.23	14.9	0.87	1.23	1.28	1.27	1.32	.484	32.9	11.8	9.5	12.2	13.4	10.2	10.4	12.2	9.6	10.8	1.35	9.90	2.50	3.36
17-70-178	0.83	7.4	0.87	1.26	1.33	1.33	1.28	.406	19.2	14.9	11.8	16.1	17.4	12.6	12.6	14.6	12.7	14.0	1.19	11.68	2.50	1.74
17-70-179	1.01	10.7	0.88	1.25	1.30	1.29	1.31	.445	24.9	13.3	10.6	13.9	15.1	11.3	11.4	13.3	10.9	12.1	1.27	10.70	2.50	2.40
17-70-180	0.67	4.8	0.88	1.26	1.32	1.33	1.25	.367	14.5	17.3	13.8	18.9	20.4	14.8	14.6	16.9	14.7	16.2	1.10	12.65	2.50	1.19
17-70-181	0.53	2.8	0.88	1.28	1.34	1.36	1.22	.298	9.5	20.6	16.4	23.1	24.7	17.5	17.0	19.5	17.0	18.6	0.92	15.44	2.50	0.88
17-50-182	14.03	0.0	0.0	0.0	0.0	0.0	0.0	.888	1862.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.98	4.76		
17-50-183	10.01	0.0	0.0	0.0	0.0	0.0	0.0	.881	1315.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.97	4.80		
17-50-184	7.41	0.0	0.0	0.0	0.0	0.0	0.0	.875	966.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.96	4.84		
17-50-185	5.69	0.0	0.0	0.0	0.0	0.0	0.0	.870	737.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.95	4.87		
17-50-186	4.43	0.0	0.0	0.0	0.0	0.0	0.0	.865	572.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	4.88		
17-50-187	3.60	0.0	0.0	0.0	0.0	0.0	0.0	.860	463.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	4.90		
17-50-188	3.26	0.0	0.0	0.0	0.0	0.0	0.0	.858	419.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.93	4.89		
17-50-189	2.59	0.0	0.0	0.0	0.0	0.0	0.0	.854	335.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.93	4.85		
17-50-190	2.07	0.0	0.0	0.0	0.0	0.0	0.0	.850	268.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.92	4.85		
17-50-191	1.68	0.0	0.0	0.0	0.0	0.0	0.0	.843	215.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.91	4.90		
17-50-192	1.37	0.0	0.0	0.0	0.0	0.0	0.0	.837	173.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	4.95		
17-50-193	1.14	0.0	0.0	0.0	0.0	0.0	0.0	.828	141.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.89	5.08		
17-50-194	0.91	0.0	0.0	0.0	0.0	0.0	0.0	.818	109.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.87	5.21		
17-50-195	0.75	0.0	0.0	0.0	0.0	0.0	0.0	.809	88.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.85	5.30		
17-50-196	0.61	0.0	0.0	0.0	0.0	0.0	0.0	.801	71.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.84	5.39		
17-50-197	0.49	0.0	0.0	0.0	0.0	0.0	0.0	.789	56.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.82	5.53		
17-50-198	0.41	0.0	0.0	0.0	0.0	0.0	0.0	.782	45.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.81	5.56		
17-50-199	0.33	0.0	0.0	0.0	0.0	0.0	0.0	.770	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.79	5.69		
17-50-200	0.27	0.0	0.0	0.0	0.0	0.0	0.0	.759	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.77	5.81		

Table 5 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+h	H+R	H+RW	RH+	RH+R	AS	AR
17-50-201	0.22	0.35	.03079	.05580	.0	.0	0.96	3.72	1.00	.707	.1898	.895	23.7	23.7	23.7	23.7	4.14	4.14	2.49	2.50
17-50-202	0.18	0.27	.02553	.04141	.0	.0	0.97	2.69	1.00	.707	.2051	.877	16.8	16.8	16.8	16.8	5.31	5.31	2.50	2.50
17-50-203	16.50	34.02	.03787	.08940	.0	.0	0.96	15.15	1.00	.705	.1514	.956	2206.6	2206.6	2206.6	2206.6	2.29	2.29	2.33	2.50
17-50-204	11.72	23.88	.03719	.08704	.0	.0	0.95	13.89	1.00	.705	.1528	.954	1545.2	1545.2	1545.2	1545.2	2.37	2.37	2.34	2.50
17-50-205	8.61	17.38	.03752	.08735	.0	.0	0.95	13.12	1.00	.705	.1538	.952	1135.6	1135.6	1135.6	1135.6	2.38	2.38	2.35	2.50
17-50-206	6.60	13.18	.03690	.08516	.0	.0	0.95	12.18	1.00	.706	.1551	.949	859.3	859.3	859.3	859.3	2.46	2.46	2.36	2.50
17-50-207	5.05	9.99	.03707	.08502	.0	.0	0.95	11.52	1.00	.706	.1562	.947	656.3	656.3	656.3	656.3	2.49	2.49	2.36	2.50
17-50-208	4.05	7.95	.03723	.08490	.0	.0	0.95	10.99	1.00	.706	.1572	.945	525.8	525.8	525.8	525.8	2.51	2.51	2.37	2.50
17-50-209	3.28	6.39	.03770	.08559	.0	.0	0.95	10.58	1.00	.706	.1581	.944	426.7	426.7	426.7	426.7	2.50	2.50	2.38	2.50
17-50-210	7.29	14.60	.03653	.08441	.0	.0	0.95	12.33	1.00	.705	.1549	.950	945.5	945.5	945.5	945.5	2.48	2.48	2.36	2.50
17-50-211	5.43	10.76	.03671	.08425	.0	.0	0.95	11.60	1.00	.705	.1561	.947	702.8	702.8	702.8	702.8	2.50	2.50	2.36	2.50
17-50-212	4.16	8.16	.03676	.08374	.0	.0	0.95	10.92	1.00	.706	.1573	.945	536.1	536.1	536.1	536.1	2.54	2.54	2.37	2.50
17-50-213	3.24	6.30	.03713	.08407	.0	.0	0.95	10.40	1.00	.706	.1584	.943	418.4	418.4	418.4	418.4	2.55	2.55	2.38	2.50
17-50-214	2.61	5.04	.03765	.08484	.0	.0	0.95	10.00	1.00	.706	.1593	.941	338.5	338.5	338.5	338.5	2.54	2.54	2.38	2.50
17-50-215	2.05	3.92	.03805	.08514	.0	.0	0.95	9.50	1.00	.706	.1605	.939	265.7	265.7	265.7	265.7	2.55	2.55	2.39	2.50
17-50-216	1.66	3.13	.03770	.08352	.0	.0	0.95	8.90	1.00	.706	.1620	.937	212.7	212.7	212.7	212.7	2.62	2.62	2.40	2.50
17-50-217	1.34	2.50	.03703	.08101	.0	.0	0.95	8.25	1.00	.706	.1637	.934	169.6	169.6	169.6	169.6	2.73	2.73	2.41	2.50
17-50-218	1.09	2.00	.03607	.07768	.0	.0	0.95	7.56	1.00	.707	.1659	.930	134.5	134.5	134.5	134.5	2.87	2.87	2.42	2.50
17-50-219	0.89	1.60	.03504	.07419	.0	.0	0.95	6.91	1.00	.707	.1682	.926	107.5	107.5	107.5	107.5	3.02	3.02	2.42	2.50
17-50-220	0.72	1.28	.03450	.07187	.0	.0	0.95	6.38	1.00	.707	.1705	.922	85.9	85.9	85.9	85.9	3.14	3.14	2.43	2.50
17-50-221	0.59	1.03	.03401	.06962	.0	.0	0.95	5.89	1.00	.707	.1729	.919	69.1	69.1	69.1	69.1	3.26	3.26	2.44	2.50
17-50-222	0.48	0.83	.03339	.06705	.0	.0	0.95	5.42	1.00	.707	.1756	.915	55.8	55.8	55.8	55.8	3.40	3.40	2.45	2.50
17-50-223	0.40	0.66	.03215	.06278	.0	.0	0.95	4.84	1.00	.707	.1794	.909	44.1	44.1	44.1	44.1	3.64	3.64	2.46	2.50
17-50-224	0.32	0.53	.03194	.06103	.0	.0	0.95	4.47	1.00	.707	.1823	.905	35.7	35.7	35.7	35.7	3.77	3.77	2.47	2.50
17-50-225	0.27	0.43	.03165	.05918	.0	.0	0.95	4.12	1.00	.707	.1855	.901	29.1	29.1	29.1	29.1	3.90	3.90	2.48	2.50
17-50-226	15.28	31.12	.03745	.08789	.00833	.00696	0.96	14.77	1.14	.695	.1521	.955	2014.1	11631.7	2050.1	11660.8	2.34	2.26	2.33	2.50
17-50-227	10.75	21.68	.03679	.08569	.00896	.00749	0.96	13.52	1.14	.694	.1535	.953	1400.7	1129.5	1426.3	1150.2	2.43	2.34	2.34	2.50
17-50-228	7.72	15.41	.03685	.08522	.00978	.00815	0.96	12.61	1.13	.694	.1547	.950	1002.5	814.8	1020.2	829.1	2.46	2.37	2.35	2.50
17-50-229	5.73	11.32	.03697	.08488	.01062	.00883	0.95	11.84	1.13	.693	.1559	.948	741.6	608.5	754.1	618.7	2.49	2.41	2.36	2.50
17-50-230	4.37	8.55	.03747	.08565	.01117	.00528	0.95	11.29	1.12	.693	.1569	.946	567.2	465.8	576.7	473.6	2.48	2.40	2.37	2.50
17-50-231	3.45	6.68	.03724	.08430	.01179	.00979	0.95	10.60	1.12	.693	.1582	.944	444.1	367.7	451.2	373.6	2.54	2.46	2.38	2.50
17-50-232	4.37	8.54	.03737	.08532	.01122	.00934	0.95	11.26	1.13	.693	.1570	.946	565.8	463.1	575.4	471.0	2.49	2.41	2.37	2.50
17-50-233	3.26	6.31	.03754	.08507	.01210	.01005	0.95	10.55	1.12	.692	.1583	.943	421.5	346.6	428.6	352.4	2.52	2.44	2.38	2.50
17-50-234	2.56	4.90	.03785	.08523	.01276	.01057	0.95	10.03	1.12	.692	.1595	.941	330.4	274.8	335.6	279.1	2.53	2.46	2.38	2.50
17-50-235	2.05	3.86	.03779	.08429	.01361	.01126	0.95	9.47	1.11	.693	.1609	.939	261.6	220.2	265.4	223.4	2.59	2.52	2.39	2.50
17-50-236	1.62	3.01	.03709	.08166	.01400	.01158	0.95	8.74	1.11	.692	.1628	.935	203.8	171.7	206.8	174.2	2.69	2.62	2.40	2.50
17-50-237	1.30	2.38	.03564	.07716	.01374	.01138	0.95	7.89	1.12	.692	.1651	.931	159.4	133.2	161.8	135.2	2.87	2.80	2.41	2.50
17-50-238	1.06	1.91	.03454	.07358	.01375	.01138	0.95	7.21	1.11	.693	.1675	.928	126.9	106.7	128.7	108.3	3.03	2.96	2.42	2.50
17-50-239	0.86	1.52	.03349	.06992	.01368	.01133	0.95	6.57	1.11	.693	.1702	.923	100.2	84.8	101.6	86.0	3.21	3.14	2.43	2.50
17-50-240	0.70	1.21	.03312	.06811	.01359	.01124	0.95	6.09	1.11	.693	.1725	.920	80.3	68.1	81.4	65.0	3.32	3.24	2.44	2.50
17-50-241	0.57	0.97	.03259	.06609	.01318	.01091	0.95	5.64	1.11	.693	.1752	.915	64.0	53.9	65.0	54.7	3.44	3.36	2.44	2.50
17-50-242	0.46	0.77	.03147	.06265	.01283	.01065	0.95	5.09	1.12	.693	.1785	.911	51.0	42.0	51.9	42.7	3.64	3.55	2.45	2.50
17-50-243	0.39	0.64	.03070	.05966	.01181	.00982	0.95	4.66	1.12	.693	.1816	.906	42.2	34.6	42.9	35.2	3.82	3.73	2.46	2.50
17-50-244	0.32	0.51	.03000	.05714	.01111	.00924	0.94	4.24	1.13	.693	.1854	.901	33.5	27.1	34.1	27.6	4.00	3.90	2.47	2.50
17-50-245	0.25	0.40	.02832	.05160	.00943	.00788	0.95	3.65	1.14	.693	.1917	.893	25.8	20.5	26.3	20.9	4.40	4.28	2.48	2.50
17-50-246	0.21	0.30	.02406	.03991	.00690	.00580	0.95	2.75	1.16	.694	.2058	.877	18.8	14.5	19.3	14.9	5.46	5.31	2.49	2.50
17-50-247	2.85	5.45	.03859	.08735	.01320	.01118	0.95	10.54	1.21	.684	.1588	.943	370.4	273.7	380.2	281.0	2.47	2.35	2.38	2.50
17-50-248	2.17	4.10	.03916	.08789	.01418	.01197	0.95	9.99	1.20	.683	.1601	.940	282.4	212.3	289.5	217.6	2.48	2.36	2.38	2.50
17-50-249	1.74	3.23	.03763	.08340	.01409	.01189	0.95	9.07	1.20	.683	.1621	.937	220.2	164.9	225.7	169.1	2.64	2.52	2.40	2.50
17-50-250	1.38	2.53	.03624	.07888	.01434	.01208	0.95	8.19	1.19	.683	.1645	.933	170.7	128.7	174.9	131.9	2.81	2.69	2.41	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+/ 0.0	ST*/ 0.0	ST1*/ 0.0	STT*/ 0.0	ST1F/ 0.0	A1/AB	H+ 23.7	G+ 0.0	GPRI 0.0	G* 0.0	G*R 0.0	G*1 0.0	GT 0.0	GTR 0.0	GTF 0.0	GTFR 0.0	X 0.74	YR 5.99	AH	TP		
17-50-201	0.22	0.0	0.0	0.0	0.0	0.0	0.0	.745	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.74	5.99			
17-50-202	0.18	0.0	0.0	0.0	0.0	0.0	0.0	.704	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.66	6.95			
17-50-203	16.50	0.0	0.0	0.0	0.0	0.0	0.0	.891	2206.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.98	4.73			
17-50-204	11.72	0.0	0.0	0.0	0.0	0.0	0.0	.884	1545.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.97	4.79			
17-50-205	8.61	0.0	0.0	0.0	0.0	0.0	0.0	.879	1135.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.97	4.78			
17-50-206	6.60	0.0	0.0	0.0	0.0	0.0	0.0	.873	859.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.96	4.85			
17-50-207	5.05	0.0	0.0	0.0	0.0	0.0	0.0	.868	656.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.95	4.85			
17-50-208	4.05	0.0	0.0	0.0	0.0	0.0	0.0	.864	525.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	4.85			
17-50-209	3.28	0.0	0.0	0.0	0.0	0.0	0.0	.860	426.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	4.83			
17-50-210	7.29	0.0	0.0	0.0	0.0	0.0	0.0	.874	945.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.96	4.87			
17-50-211	5.43	0.0	0.0	0.0	0.0	0.0	0.0	.869	702.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.95	4.87			
17-50-212	4.16	0.0	0.0	0.0	0.0	0.0	0.0	.863	536.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	4.89			
17-50-213	3.24	0.0	0.0	0.0	0.0	0.0	0.0	.858	418.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.93	4.88			
17-50-214	2.61	0.0	0.0	0.0	0.0	0.0	0.0	.854	338.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.93	4.86			
17-50-215	2.05	0.0	0.0	0.0	0.0	0.0	0.0	.849	265.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.92	4.85			
17-50-216	1.66	0.0	0.0	0.0	0.0	0.0	0.0	.843	212.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.91	4.89			
17-50-217	1.34	0.0	0.0	0.0	0.0	0.0	0.0	.836	169.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	4.97			
17-50-218	1.09	0.0	0.0	0.0	0.0	0.0	0.0	.827	134.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.88	5.07			
17-50-219	0.89	0.0	0.0	0.0	0.0	0.0	0.0	.818	107.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.87	5.19			
17-50-220	0.72	0.0	0.0	0.0	0.0	0.0	0.0	.809	85.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.85	5.28			
17-50-221	0.59	0.0	0.0	0.0	0.0	0.0	0.0	.800	69.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.84	5.36			
17-50-222	0.48	0.0	0.0	0.0	0.0	0.0	0.0	.791	55.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.82	5.46			
17-50-223	0.40	0.0	0.0	0.0	0.0	0.0	0.0	.778	44.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.80	5.64			
17-50-224	0.32	0.0	0.0	0.0	0.0	0.0	0.0	.768	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.78	5.72			
17-50-225	0.27	0.0	0.0	0.0	0.0	0.0	0.0	.758	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.76	5.81			
17-50-226	15.28	77.4	0.89	1.13	1.15	1.12	1.09	.848	2014.1	20.0	21.5	21.4	26.6	19.6	20.2	25.3	20.5	25.8	0.98	4.77	2.50	4.46		
17-50-227	10.75	59.5	0.87	1.15	1.18	1.14	1.10	.839	1400.7	17.8	19.1	19.3	24.2	17.3	18.0	22.6	18.5	23.3	0.97	4.83	2.50	5.20		
17-50-228	7.72	45.0	0.86	1.17	1.20	1.16	1.12	.831	1002.5	15.8	17.0	17.4	21.8	15.3	16.0	20.2	16.5	21.0	0.96	4.84	2.50	6.24		
17-50-229	5.73	35.0	0.86	1.17	1.21	1.15	1.13	.823	741.6	14.3	15.5	15.7	19.9	13.8	14.6	18.5	14.8	18.9	0.95	4.85	2.50	7.02		
17-50-230	4.37	28.1	0.84	1.20	1.23	1.17	1.14	.817	567.2	13.3	14.4	14.9	18.8	12.8	13.5	17.2	13.9	17.9	0.94	4.83	2.50	7.57		
17-50-231	3.45	23.0	0.83	1.21	1.26	1.19	1.15	.809	444.1	12.2	13.3	13.8	17.5	11.7	12.5	15.9	12.8	16.6	0.93	4.87	2.50	8.50		
17-50-232	4.37	29.1	0.85	1.19	1.23	1.17	1.14	.816	565.8	13.3	14.4	14.8	18.7	12.8	13.5	17.2	13.8	17.7	0.94	4.84	2.50	7.64		
17-50-233	3.26	23.0	0.84	1.21	1.25	1.18	1.15	.808	421.5	12.0	13.0	13.4	17.1	11.4	12.2	15.6	12.5	16.1	0.93	4.85	2.50	8.73		
17-50-234	2.56	17.9	0.82	1.22	1.28	1.19	1.16	.801	330.4	11.1	12.1	12.6	16.1	10.5	11.4	14.5	11.6	15.1	0.93	4.84	2.50	9.50		
17-50-235	2.05	14.6	0.84	1.21	1.26	1.17	1.18	.793	261.6	10.4	11.4	11.6	14.8	9.8	10.7	13.7	10.5	13.8	0.92	4.87	2.50	10.05		
17-50-236	1.62	12.0	0.84	1.20	1.26	1.16	1.19	.782	203.8	10.0	10.9	11.0	14.1	9.4	10.3	13.2	9.9	13.0	0.90	4.95	2.50	9.90		
17-50-237	1.30	9.8	0.82	1.23	1.29	1.19	1.20	.769	159.4	9.6	10.5	10.8	13.9	9.0	9.9	12.7	9.7	12.7	0.89	5.09	2.50	9.60		
17-50-238	1.06	7.6	0.84	1.21	1.28	1.18	1.22	.756	126.9	9.5	10.4	10.5	13.5	8.9	9.8	12.6	9.3	12.3	0.87	5.21	2.50	8.79		
17-50-239	0.86	6.2	0.86	1.18	1.24	1.15	1.23	.742	100.2	9.6	10.5	10.2	13.2	9.0	9.9	12.6	9.0	11.9	0.86	5.35	2.50	7.74		
17-50-240	0.70	4.9	0.86	1.18	1.24	1.14	1.24	.731	80.3	9.6	10.5	10.1	13.1	9.0	9.9	12.6	8.8	11.7	0.84	5.42	2.50	7.06		
17-50-241	0.57	4.0	0.87	1.16	1.23	1.13	1.25	.718	64.0	10.0	10.9	10.3	13.3	9.2	10.2	13.1	8.9	11.9	0.83	5.50	2.50	5.70		
17-50-242	0.46	3.3	0.92	1.09	1.15	1.07	1.27	.702	51.0	10.8	11.7	10.3	13.2	10.1	11.0	14.0	8.8	11.8	0.81	5.65	2.50	4.39		
17-50-243	0.39	2.6	0.93	1.09	1.14	1.07	1.26	.689	42.2	11.6	12.6	11.1	14.2	10.9	11.8	14.9	9.6	12.7	0.79	5.79	2.50	3.38		
17-50-244	0.32	2.0	0.95	1.05	1.10	1.04	1.27	.672	33.5	12.7	13.7	11.6	14.8	12.0	12.9	16.2	10.1	13.3	0.76	5.92	2.50	2.54		
17-50-245	0.25	1.5	0.96	1.04	1.08	1.04	1.26	.647	25.8	14.6	15.7	13.4	15.9	14.0	14.7	18.4	11.7	15.3	0.73	6.23	2.50	1.62		
17-50-246	0.21	1.0	0.97	1.03	1.06	1.04	1.24	.597	18.8	18.5	19.7	17.0	21.2	18.1	18.4	22.7	14.9	19.1	0.65	7.08	2.50	0.79		
17-50-247	2.85	52.5	0.83	1.22	1.28	1.19	1.16	.805	370.4	10.9	11.3	12.3	15.5	10.2	11.1	14.2	11.3	14.5	0.93	4.79	2.50	10.97		
17-50-248	2.17	41.8	0.84	1.21	1.26	1.17	1.18	.797	282.4	10.2	10.6	11.3	14.3	9.5	10.5	13.4	10.2	13.2	0.92	4.77	2.50	11.46		
17-50-249	1.74	32.8	0.82	1.24	1.31	1.21	1.19	.786	220.2	9.6	10.0	11.0	14.0	9.0	9.8	12.6	9.9	12.9	0.91	4.90	2.50	11.65		
17-50-250	1.38	26.2	0.82	1.23	1.30	1.20	1.21	.772	170.7	9.2	9.7	10.4	13.2	8.6	9.5	12.1	9.2	12.1	0.89	5.04	2.50	11.29		

Table 5 cont.

RUN NO.	RE#E4	RE1#E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-50-251	1.11	2.00	.03427	.07300	.01399	.01181	0.95	7.27	1.20	.683	.1675	.928	132.0	99.3	135.3	101.7	3.06	2.93	2.42	2.50
17-50-252	0.91	1.60	.03372	.07085	.01369	.01155	0.95	6.73	1.20	.684	.1696	.924	105.9	79.6	108.5	81.6	3.17	3.04	2.43	2.50
17-50-253	0.73	1.26	.03262	.06728	.01364	.01151	0.95	6.12	1.20	.683	.1727	.919	83.2	62.8	85.3	64.3	3.35	3.22	2.43	2.50
17-50-254	0.60	1.00	.03174	.06445	.01344	.01135	0.95	5.62	1.20	.684	.1759	.915	66.1	49.6	67.7	50.8	3.52	3.39	2.44	2.50
17-50-255	0.49	0.81	.03106	.06181	.01252	.01060	0.95	5.14	1.21	.684	.1787	.911	53.5	39.6	54.9	40.6	3.68	3.54	2.45	2.50
17-50-256	0.41	0.66	.02967	.05749	.01151	.00977	0.95	4.59	1.21	.684	.1829	.905	42.8	31.2	44.0	32.1	3.95	3.80	2.46	2.50
17-50-257	0.33	0.53	.02834	.05325	.01028	.00876	0.95	4.07	1.23	.684	.1877	.898	33.9	24.3	34.9	25.0	4.25	4.08	2.47	2.50
17-50-258	0.27	0.41	.02568	.04573	.00846	.00727	0.95	3.37	1.25	.685	.1962	.888	25.9	17.9	26.8	18.5	4.86	4.65	2.48	2.50
17-50-259	0.23	0.33	.02314	.03826	.00637	.00553	0.96	2.73	1.27	.686	.2068	.876	20.2	13.5	20.9	14.0	5.62	5.38	2.49	2.50
17-50-260	0.19	0.25	.02026	.02991	.00389	.00344	0.96	2.07	1.31	.687	.2242	.859	14.7	9.2	15.3	9.6	6.79	6.47	2.50	2.50
17-50-261	12.54	25.06	.03812	.08883	.00923	.00798	0.97	14.46	1.26	.686	.1530	.954	1644.4	1143.6	1696.5	1179.7	2.34	2.20	2.34	2.50
17-50-262	8.79	17.50	.03703	.08567	.00988	.00846	0.96	13.03	1.24	.684	.1544	.951	1139.5	810.2	1173.6	834.3	2.45	2.31	2.35	2.50
17-50-263	6.26	12.32	.03740	.08598	.01081	.00922	0.96	12.23	1.23	.684	.1556	.949	811.0	584.1	834.4	600.8	2.46	2.32	2.36	2.50
17-50-264	4.69	9.13	.03742	.08558	.01197	.01015	0.96	11.50	1.21	.684	.1568	.946	605.7	444.8	622.1	456.7	2.49	2.36	2.37	2.50
17-50-265	3.45	6.64	.03777	.08571	.01276	.01079	0.95	10.80	1.21	.683	.1582	.944	444.9	329.4	456.6	338.1	2.50	2.38	2.37	2.50
17-50-266	2.73	5.22	.03818	.08622	.01341	.01132	0.95	10.33	1.20	.683	.1592	.942	353.4	263.9	362.5	270.6	2.51	2.39	2.38	2.50

RUN NO.	RE*E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	STIF /	A1/AB	H+	G+	GPR1	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP
17-50-251	1.11	20.7	0.82	1.24	1.31	1.21	1.22	.756	132.0	9.0	9.4	10.2	13.0	8.4	9.2	11.8	9.0	11.8	0.87	5.23	2.50	10.38
17-50-252	0.91	16.1	0.82	1.23	1.31	1.21	1.23	.745	105.9	9.2	9.6	10.3	13.1	8.5	9.4	12.0	9.0	11.8	0.86	5.31	2.50	9.07
17-50-253	0.73	13.1	0.84	1.20	1.27	1.17	1.25	.730	83.2	9.3	9.7	10.0	12.7	8.6	9.5	12.1	8.7	11.4	0.84	5.45	2.50	7.95
17-50-254	0.60	10.6	0.88	1.16	1.22	1.13	1.27	.715	66.1	9.7	10.1	9.9	12.6	9.0	9.9	12.6	8.5	11.2	0.82	5.57	2.50	6.61
17-50-255	0.49	8.3	0.89	1.14	1.19	1.11	1.27	.702	53.5	10.5	10.9	10.5	13.4	9.9	10.7	13.5	9.1	11.9	0.80	5.69	2.50	4.98
17-50-256	0.41	6.4	0.90	1.12	1.17	1.10	1.27	.683	42.8	11.4	11.8	11.2	14.1	10.8	11.5	14.5	9.6	12.6	0.78	5.90	2.50	3.77
17-50-257	0.33	4.8	0.91	1.11	1.14	1.09	1.27	.663	33.9	12.7	13.1	12.3	15.4	12.2	12.8	15.9	10.6	13.7	0.75	6.13	2.50	2.67
17-50-258	0.27	3.4	0.93	1.08	1.10	1.08	1.26	.631	25.9	15.1	15.3	14.3	17.7	14.6	15.0	18.5	12.4	15.8	0.70	6.61	2.50	1.57
17-50-259	0.23	2.1	0.94	1.07	1.09	1.09	1.23	.594	20.2	19.1	19.2	18.4	22.4	18.8	18.7	22.8	16.0	20.0	0.65	7.23	2.50	0.78
17-50-260	0.19	1.2	0.95	1.05	1.05	1.09	1.17	.543	14.7	29.8	29.1	28.6	34.1	30.0	28.7	34.2	25.4	30.8	0.56	8.18	2.50	0.26
17-50-261	12.54	183.7	0.90	1.13	1.15	1.11	1.10	.842	1644.4	18.2	18.3	19.4	23.6	17.6	18.3	22.7	18.3	22.5	0.97	4.74	2.50	5.87
17-50-262	8.79	132.0	0.86	1.18	1.22	1.17	1.11	.833	1139.5	15.7	16.0	17.4	21.4	15.0	15.7	19.7	16.4	20.4	0.96	4.83	2.50	7.21
17-50-263	6.26	100.6	0.85	1.19	1.24	1.18	1.13	.825	811.0	14.0	14.4	15.6	19.4	13.4	14.1	17.8	14.6	18.4	0.95	4.82	2.50	8.35
17-50-264	4.69	78.6	0.85	1.19	1.24	1.17	1.14	.817	605.7	12.4	12.8	13.7	17.2	11.8	12.6	15.9	12.8	16.2	0.94	4.83	2.50	9.84
17-50-265	3.45	61.1	0.84	1.21	1.26	1.18	1.16	.809	444.9	11.4	11.8	12.7	16.0	10.7	11.6	14.8	11.7	15.0	0.93	4.83	2.50	10.68
17-50-266	2.73	50.1	0.83	1.21	1.27	1.19	1.17	.803	353.4	10.7	11.1	12.0	15.2	10.0	10.9	13.9	10.9	14.1	0.93	4.82	2.50	11.28

Table 6: Results evaluated with  $A_r, A_s$  and  $A_H$  according to Eq. (15), (17) and (35)

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
10-85- 1	2.29	4.83	.01407	.03100	.0	.0	0.99	4.08	1.00	.708	.0444	.808	42.9	42.9	42.9	42.9	3.53	3.53	2.46	1.96
10-85- 2	1.74	3.50	.01376	.02884	.0	.0	0.99	3.61	1.00	.708	.0461	.792	31.5	31.5	31.5	31.5	3.69	3.69	2.46	2.06
10-85- 3	1.37	2.63	.01381	.02792	.0	.0	0.98	3.32	1.00	.708	.0474	.781	24.3	24.3	24.3	24.3	3.67	3.67	2.47	2.16
10-85- 4	1.10	2.01	.01359	.02613	.0	.0	0.98	2.97	1.00	.708	.0493	.765	18.9	18.9	18.9	18.9	3.81	3.81	2.47	2.27
10-85- 5	0.81	1.40	.01389	.02559	.0	.0	0.98	2.71	1.00	.709	.0513	.751	13.7	13.7	13.7	13.7	3.63	3.63	2.47	2.45
10-85- 6	0.68	1.04	.01282	.02111	.0	.0	0.98	2.18	1.00	.709	.0560	.720	10.4	10.4	10.4	10.4	4.44	4.44	2.47	2.63
10-85- 7	0.56	0.78	.01245	.01893	.0	.0	0.98	1.88	1.00	.709	.0607	.696	8.1	8.1	8.1	8.1	4.97	4.97	2.47	2.95
10-85- 8	2.62	5.51	.01340	.02528	.0	.0	0.99	4.00	1.00	.709	.0445	.807	47.8	47.8	47.8	47.8	3.85	3.85	2.46	1.93
10-85- 9	3.32	7.27	.01358	.03081	.0	.0	0.99	4.41	1.00	.709	.0433	.819	62.3	62.3	62.3	62.3	3.74	3.74	2.46	1.86
10-85-10	4.12	9.23	.01357	.03151	.0	.0	0.99	4.70	1.00	.709	.0425	.827	78.1	78.1	78.1	78.1	3.73	3.73	2.46	1.81
10-85-11	5.43	12.59	.01370	.03291	.0	.0	0.99	5.18	1.00	.709	.0415	.838	105.1	105.1	105.1	105.1	3.65	3.65	2.46	1.75
10-85-12	6.69	15.86	.01371	.03359	.0	.0	0.99	5.50	1.00	.709	.0409	.845	131.1	131.1	131.1	131.1	3.64	3.64	2.46	1.71
10-85-13	8.70	21.05	.01359	.03395	.0	.0	0.99	5.86	1.00	.709	.0403	.851	171.4	171.4	171.4	171.4	3.68	3.68	2.46	1.66
10-85-14	10.61	26.07	.01353	.03431	.0	.0	0.99	6.15	1.00	.708	.0398	.857	210.2	210.2	210.2	210.2	3.69	3.69	2.46	1.63
10-85-15	13.66	34.04	.01328	.03411	.0	.0	0.99	6.42	1.00	.708	.0394	.861	269.9	269.9	269.9	269.9	3.78	3.78	2.46	1.60
10-85-16	17.51	44.44	.01329	.03472	.0	.0	0.99	6.84	1.00	.707	.0389	.868	349.0	349.0	349.0	349.0	3.77	3.77	2.46	1.56
10-85-17	22.27	57.43	.01325	.03516	.0	.0	0.99	7.23	1.00	.707	.0385	.873	447.0	447.0	447.0	447.0	3.78	3.78	2.45	1.54
10-85-18	27.93	73.15	.01331	.03586	.0	.0	0.99	7.67	1.00	.706	.0380	.879	566.1	566.1	566.1	566.1	3.74	3.74	2.45	1.51
10-85-19	1.72	2.96	.01245	.02531	.00682	.00605	0.98	3.31	1.35	.704	.0489	.770	27.0	17.4	28.1	18.0	4.31	3.98	2.47	2.11
10-85-20	2.20	4.01	.01257	.02665	.00705	.00627	0.98	3.65	1.35	.704	.0471	.784	35.8	22.7	37.2	23.5	4.20	3.87	2.47	2.01
10-85-21	2.09	3.06	.01093	.02231	.00534	.00536	0.97	3.20	1.79	.698	.0513	.752	28.1	12.2	30.1	13.1	5.05	4.40	2.47	2.07
10-85-22	2.43	4.47	.01217	.02631	.00709	.00622	0.98	3.69	1.35	.703	.0468	.786	39.4	24.8	40.9	25.8	4.31	3.98	2.47	1.98
10-85-23	3.18	6.19	.01248	.02758	.00718	.00636	0.99	4.07	1.34	.703	.0452	.801	53.4	33.9	55.4	35.2	4.22	3.90	2.46	1.89
10-85-24	3.85	7.80	.01265	.02879	.00731	.00647	0.99	4.40	1.34	.703	.0442	.811	66.4	42.0	69.0	43.6	4.11	3.80	2.46	1.84
10-85-25	5.09	10.72	.01260	.02949	.00732	.00650	0.99	4.76	1.34	.704	.0431	.821	89.5	56.0	93.0	58.3	4.11	3.80	2.46	1.77
10-85-26	6.28	13.49	.01247	.02568	.00718	.00642	0.99	5.00	1.37	.704	.0425	.827	110.9	67.1	115.6	70.0	4.15	3.82	2.46	1.73
10-85-27	8.53	19.06	.01243	.03050	.00693	.00618	0.99	5.43	1.36	.704	.0415	.838	153.8	92.9	160.4	96.9	4.14	3.80	2.46	1.67
10-85-28	10.12	23.07	.01245	.03083	.00679	.00605	0.99	5.66	1.36	.703	.0411	.843	184.1	111.9	192.0	116.7	4.14	3.81	2.46	1.65
10-85-29	13.48	31.68	.01240	.03134	.00665	.00589	0.99	6.05	1.34	.703	.0403	.851	248.8	154.4	258.9	160.7	4.14	3.83	2.46	1.60
10-85-30	16.93	40.62	.01242	.03194	.00655	.00580	0.99	6.42	1.34	.703	.0398	.858	316.0	195.1	325.1	203.1	4.12	3.81	2.46	1.57
10-85-31	21.43	52.64	.01248	.03265	.00630	.00557	0.99	6.83	1.33	.703	.0392	.864	406.0	252.0	422.5	262.2	4.08	3.77	2.46	1.54
10-85-32	26.25	65.77	.01261	.03351	.00602	.00532	0.99	7.24	1.33	.703	.0388	.870	505.1	313.1	525.7	325.9	4.01	3.71	2.46	1.52
10-85-33	1.85	2.56	.01064	.02090	.00512	.00511	0.97	2.93	1.77	.697	.0531	.740	23.8	10.7	25.4	11.4	5.32	4.67	2.47	2.13
10-85-34	2.23	3.31	.01089	.02232	.00550	.00548	0.98	3.24	1.77	.697	.0509	.755	30.1	13.3	32.3	14.3	5.08	4.44	2.47	2.05
10-85-35	2.83	4.52	.01103	.02350	.00578	.00577	0.98	3.56	1.78	.698	.0489	.770	40.0	17.3	42.9	18.6	4.95	4.31	2.47	1.96
10-85-36	3.62	6.20	.01119	.02472	.00607	.00605	0.98	3.92	1.77	.698	.0471	.785	53.5	22.9	57.5	24.7	4.82	4.19	2.47	1.88
10-85-37	4.66	8.40	.01123	.02555	.00616	.00616	0.98	4.24	1.78	.698	.0458	.797	70.8	29.6	76.3	31.9	4.76	4.13	2.46	1.81
10-85-38	6.04	11.39	.01126	.02633	.00645	.00645	0.98	4.59	1.78	.698	.0446	.807	94.2	39.1	101.6	42.1	4.71	4.08	2.46	1.75
10-85-39	7.62	15.00	.01130	.02698	.00639	.00640	0.98	4.90	1.78	.698	.0435	.817	121.8	49.9	131.5	53.9	4.67	4.04	2.46	1.70
10-85-40	10.33	21.19	.01118	.02724	.00640	.00639	0.98	5.23	1.77	.698	.0427	.826	167.9	68.7	181.2	74.2	4.72	4.09	2.46	1.65
10-85-41	12.47	26.34	.01123	.02777	.00631	.00630	0.99	5.50	1.78	.698	.0421	.833	206.4	83.7	222.9	90.4	4.68	4.05	2.46	1.62
10-85-42	16.36	36.02	.01136	.02872	.00617	.00615	0.99	5.95	1.76	.698	.0411	.843	278.4	113.0	300.7	122.0	4.59	3.97	2.46	1.58
10-85-43	20.42	46.30	.01144	.02943	.00599	.00598	0.99	6.32	1.77	.698	.0405	.851	354.3	141.9	393.2	153.5	4.53	3.91	2.46	1.55
10-85-44	24.60	57.02	.01150	.02995	.00587	.00585	0.99	6.63	1.77	.698	.0400	.856	433.0	172.8	468.4	186.9	4.49	3.87	2.46	1.53
10-70- 45	21.62	53.13	.01731	.04505	.0	.0	0.99	8.70	1.00	.705	.0510	.913	685.9	685.9	685.9	685.9	3.70	3.70	2.44	1.40
10-70- 46	15.77	40.62	.01760	.04386	.0	.0	0.99	8.11	1.00	.704	.0516	.908	525.1	525.1	525.1	525.1	3.74	3.74	2.44	1.43
10-70- 47	13.42	32.06	.01739	.04275	.0	.0	0.99	7.60	1.00	.704	.0521	.903	415.1	415.1	415.1	415.1	3.78	3.78	2.44	1.45
10-70- 48	10.72	25.25	.01733	.04203	.0	.0	0.99	7.17	1.00	.705	.0527	.899	328.5	328.5	328.5	328.5	3.80	3.80	2.44	1.48
10-70- 49	8.74	20.32	.01719	.04111	.0	.0	0.99	6.76	1.00	.705	.0532	.894	265.2	265.2	265.2	265.2	3.83	3.83	2.45	1.50
10-70- 50	7.04	16.10	.01709	.04025	.0	.0	0.99	6.35	1.00	.705	.0539	.899	211.2	211.2	211.2	211.2	3.86	3.86	2.45	1.54

RUN NO.	RF*E4	Q<Kw/M2>	ST+ /	ST* /	ST1* /	STT* /	ST1F /	A1/AB	H+	G+	GPRI	G*	S*R	G*1	CT	GTR	GTF	GTFR	X	YR	AH	TP	
10-85-	1	2.29	0.0	0.0	0.0	0.0	0.0	.653	42.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.29	8.03			
10-85-	2	1.74	0.0	0.0	0.0	0.0	0.0	.628	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.25	8.33			
10-85-	3	1.37	0.0	0.0	0.0	0.0	0.0	.609	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.22	8.46			
10-85-	4	1.10	0.0	0.0	0.0	0.0	0.0	.586	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.18	8.75			
10-85-	5	0.81	0.0	0.0	0.0	0.0	0.0	.564	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.13	8.84			
10-85-	6	0.68	0.0	0.0	0.0	0.0	0.0	.519	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.04	9.73			
10-85-	7	0.56	0.0	0.0	0.0	0.0	0.0	.485	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.95	10.28			
10-85-	8	2.62	0.0	0.0	0.0	0.0	0.0	.651	47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.29	8.27			
10-85-	9	3.32	0.0	0.0	0.0	0.0	0.0	.670	62.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.32	8.06			
10-85-	10	4.12	0.0	0.0	0.0	0.0	0.0	.683	78.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.34	7.97			
10-85-	11	5.43	0.0	0.0	0.0	0.0	0.0	.702	105.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.37	7.80			
10-85-	12	6.69	0.0	0.0	0.0	0.0	0.0	.713	131.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.39	7.72			
10-85-	13	8.70	0.0	0.0	0.0	0.0	0.0	.725	171.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.40	7.68			
10-85-	14	10.61	0.0	0.0	0.0	0.0	0.0	.734	210.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.41	7.63			
10-85-	15	13.66	0.0	0.0	0.0	0.0	0.0	.742	269.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.43	7.66			
10-85-	16	17.51	0.0	0.0	0.0	0.0	0.0	.753	349.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.44	7.59			
10-85-	17	22.27	0.0	0.0	0.0	0.0	0.0	.762	447.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.45	7.54			
10-85-	18	27.93	0.0	0.0	0.0	0.0	0.0	.772	566.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.47	7.47			
10-85-	19	1.72	4.7	0.91	1.21	1.27	1.29	1.23	.522	27.0	10.4	9.9	5.8	8.6	8.3	8.2	10.8	8.8	11.5	2.19	8.89	3.82	4.24
10-85-	20	2.20	6.3	0.93	1.18	1.23	1.25	1.21	.549	35.8	10.8	10.2	6.3	9.0	8.8	8.6	11.2	9.1	11.7	2.23	8.66	3.61	4.74
10-85-	21	2.09	12.0	0.89	1.28	1.36	1.39	1.26	.490	28.1	13.1	10.3	8.0	9.3	10.2	9.8	11.8	11.3	12.6	2.13	9.47	4.16	3.41
10-85-	22	2.43	7.0	0.96	1.17	1.22	1.24	1.20	.553	39.4	11.3	10.8	6.5	9.3	9.0	8.8	11.3	9.2	11.9	2.23	8.72	3.55	4.85
10-85-	23	3.18	9.0	0.97	1.15	1.19	1.21	1.18	.579	53.4	11.5	11.0	7.0	9.8	9.4	9.2	11.9	9.5	12.3	2.27	8.52	3.36	5.36
10-85-	24	3.85	11.1	0.97	1.13	1.17	1.20	1.17	.598	66.4	11.7	11.2	7.4	10.2	9.8	9.5	12.3	9.8	12.6	2.30	8.33	3.25	5.74
10-85-	25	5.09	14.6	0.98	1.12	1.15	1.13	1.15	.618	89.5	12.1	11.5	7.9	10.7	10.2	10.0	12.8	10.2	13.0	2.33	8.24	3.12	6.23
10-85-	26	6.28	19.0	0.99	1.11	1.14	1.17	1.15	.629	110.9	12.7	12.0	8.5	11.3	10.8	10.5	13.3	10.8	13.5	2.34	8.21	3.04	6.36
10-85-	27	8.53	24.8	0.99	1.09	1.12	1.14	1.13	.650	153.8	13.7	12.9	9.7	12.7	11.9	11.6	14.7	11.9	14.8	2.37	8.10	2.92	6.11
10-85-	28	10.12	28.6	0.99	1.09	1.11	1.13	1.12	.660	184.1	14.2	13.5	10.3	13.4	12.5	12.2	15.4	12.4	15.5	2.38	8.05	2.86	5.99
10-85-	29	13.48	35.2	0.99	1.08	1.10	1.12	1.11	.677	248.8	14.8	14.2	11.1	14.4	13.3	13.0	16.3	13.2	16.4	2.40	7.99	2.77	6.02
10-85-	30	16.93	43.9	1.00	1.07	1.09	1.11	1.10	.690	316.0	15.5	14.8	11.7	15.1	13.9	13.6	17.0	13.8	17.1	2.41	7.91	2.71	6.11
10-85-	31	21.43	52.6	1.00	1.06	1.08	1.10	1.09	.703	406.0	16.6	15.9	12.9	16.5	15.1	14.7	18.4	14.9	18.4	2.43	7.83	2.65	5.70
10-85-	32	26.25	62.0	1.00	1.05	1.07	1.09	1.08	.715	505.1	17.8	17.1	14.2	18.0	16.4	16.0	20.0	16.2	20.0	2.44	7.73	2.60	5.18
10-85-	33	1.85	10.2	0.89	1.31	1.38	1.42	1.28	.469	23.8	13.3	10.6	7.8	9.2	10.1	9.6	11.6	11.2	12.5	2.09	9.78	4.32	3.14
10-85-	34	2.23	13.1	0.90	1.28	1.34	1.38	1.26	.495	30.1	12.9	10.3	7.7	9.2	10.0	9.6	11.5	10.9	12.2	2.14	9.47	4.07	3.75
10-85-	35	2.83	17.3	0.92	1.24	1.30	1.34	1.24	.522	40.0	12.9	10.2	8.0	9.4	10.2	9.7	11.7	10.9	12.2	2.18	9.22	3.82	4.38
10-85-	36	3.62	23.0	0.93	1.21	1.26	1.30	1.22	.549	53.5	12.9	10.2	8.2	9.6	10.3	9.9	11.8	10.9	12.2	2.23	8.99	3.60	5.13
10-85-	37	4.66	30.0	0.95	1.19	1.23	1.27	1.20	.571	70.8	13.3	10.5	8.7	10.1	10.8	10.3	12.3	11.2	12.6	2.26	8.85	3.44	5.59
10-85-	38	6.04	40.3	0.96	1.17	1.22	1.26	1.19	.591	94.2	13.0	10.3	8.6	9.9	10.6	10.2	12.1	11.0	12.3	2.29	8.72	3.28	6.79
10-85-	39	7.62	51.4	0.97	1.15	1.19	1.23	1.17	.609	121.8	13.6	10.8	9.3	10.7	11.3	10.8	12.8	11.6	13.0	2.31	8.61	3.17	6.88
10-85-	40	10.33	69.0	0.97	1.13	1.17	1.21	1.15	.623	167.9	13.9	11.0	9.8	11.2	11.7	11.3	13.3	11.9	13.4	2.34	8.57	3.03	7.45
10-85-	41	12.47	82.1	0.98	1.12	1.16	1.19	1.14	.641	206.4	14.5	11.5	10.4	11.9	12.3	11.9	14.0	12.5	14.0	2.35	8.49	2.96	7.38
10-85-	42	16.36	103.7	0.99	1.10	1.13	1.17	1.13	.661	278.4	15.4	12.3	11.4	13.0	13.4	12.9	15.1	13.5	15.1	2.38	8.35	2.86	7.19
10-85-	43	20.42	127.2	0.98	1.09	1.12	1.15	1.11	.675	354.3	16.2	12.9	12.4	14.1	14.4	13.9	16.2	14.5	16.1	2.40	8.24	2.79	6.87
10-85-	44	24.60	150.0	0.99	1.08	1.11	1.14	1.10	.687	433.0	17.0	13.5	13.2	14.9	15.1	14.6	17.0	15.2	16.9	2.41	8.17	2.74	6.70
10-70-	45	21.62	0.0	0.0	0.0	0.0	0.0	.804	685.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.14	6.66			
10-70-	46	16.77	0.0	0.0	0.0	0.0	0.0	.794	525.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.13	6.75			
10-70-	47	13.42	0.0	0.0	0.0	0.0	0.0	.784	415.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.11	6.84			
10-70-	48	10.72	0.0	0.0	0.0	0.0	0.0	.775	328.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.10	6.90			
10-70-	49	8.74	0.0	0.0	0.0	0.0	0.0	.765	265.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.09	6.97			
10-70-	50	7.04	0.0	0.0	0.0	0.0	0.0	.754	211.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.08	7.05			

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
10-70-51	5.74	12.92	.01702	.03948	.0	.0	0.99	5.99	1.00	.705	.0545	.884	170.4	170.4	170.4	170.4	3.99	3.89	2.45	1.57
10-70-52	4.70	10.41	.01691	.03859	.0	.0	0.99	5.64	1.00	.705	.0552	.879	138.1	138.1	138.1	138.1	3.92	3.92	2.45	1.60
10-70-53	3.87	8.42	.01686	.03787	.0	.0	0.99	5.32	1.00	.706	.0559	.874	112.6	112.6	112.6	112.6	3.94	3.94	2.45	1.64
10-70-54	3.18	6.80	.01685	.03720	.0	.0	0.99	5.02	1.00	.706	.0567	.868	91.6	91.6	91.6	91.6	3.95	3.95	2.45	1.68
10-70-55	3.86	8.41	.01695	.03812	.0	.0	0.99	5.35	1.00	.706	.0559	.874	112.7	112.7	112.7	112.7	3.91	3.91	2.45	1.64
10-70-56	3.05	6.50	.01686	.03713	.0	.0	0.99	4.97	1.00	.706	.0568	.867	87.8	87.8	87.8	87.8	3.94	3.94	2.45	1.69
10-70-57	2.44	5.08	.01687	.03637	.0	.0	0.99	4.65	1.00	.706	.0578	.861	69.5	69.5	69.5	69.5	3.95	3.95	2.45	1.74
10-70-58	2.35	4.88	.01693	.03642	.0	.0	0.99	4.62	1.00	.707	.0579	.860	67.0	67.0	67.0	67.0	3.93	3.93	2.45	1.74
10-70-59	1.88	3.80	.01680	.03520	.0	.0	0.99	4.27	1.00	.707	.0591	.852	52.6	52.6	52.6	52.6	3.98	3.98	2.45	1.80
10-70-60	1.52	3.00	.01676	.03430	.0	.0	0.99	3.98	1.00	.707	.0603	.844	42.1	42.1	42.1	42.1	4.00	4.00	2.46	1.87
10-70-61	1.24	2.37	.01668	.03321	.0	.0	0.99	3.69	1.00	.707	.0617	.836	33.6	33.6	33.6	33.6	4.03	4.03	2.46	1.94
10-70-62	0.99	1.84	.01690	.03289	.0	.0	0.98	3.47	1.00	.707	.0630	.828	26.7	26.7	26.7	26.7	3.95	3.95	2.46	2.02
10-70-63	0.88	1.56	.01586	.02931	.0	.0	0.99	3.05	1.00	.707	.0654	.814	22.4	22.4	22.4	22.4	4.38	4.38	2.46	2.08
10-70-64	0.98	1.77	.01569	.02933	.0	.0	0.99	3.13	1.00	.707	.0647	.818	25.1	25.1	25.1	25.1	4.44	4.44	2.46	2.04
10-70-65	0.83	1.43	.01537	.02762	.0	.0	0.99	2.85	1.00	.707	.0668	.807	20.5	20.5	20.5	20.5	4.61	4.61	2.46	2.12
10-70-66	0.70	1.15	.01480	.02520	.0	.0	0.99	2.53	1.00	.707	.0697	.793	16.6	16.6	16.6	16.6	4.94	4.94	2.46	2.22
10-70-67	0.61	0.94	.01387	.02192	.0	.0	0.99	2.16	1.00	.707	.0738	.775	13.6	13.6	13.6	13.6	5.55	5.55	2.46	2.32
10-70-68	0.54	0.73	.01256	.01754	.0	.0	0.99	1.71	1.00	.707	.0809	.748	10.6	10.6	10.6	10.6	6.69	6.69	2.46	2.46
10-70-69	6.41	13.96	.01615	.03747	.00822	.00708	0.99	5.96	1.24	.699	.0551	.881	181.9	127.5	187.4	131.3	4.13	3.91	2.45	1.55
10-70-70	4.88	10.31	.01591	.03602	.00829	.00715	0.99	5.45	1.25	.699	.0562	.872	135.2	94.3	139.4	97.2	4.21	3.99	2.45	1.60
10-70-71	3.88	8.01	.01596	.03554	.00849	.00732	0.99	5.14	1.25	.700	.0570	.866	106.5	74.5	109.7	76.7	4.20	3.98	2.45	1.64
10-70-72	3.03	6.04	.01571	.03409	.00854	.00737	0.99	4.71	1.25	.699	.0583	.857	81.0	56.6	83.5	58.3	4.29	4.07	2.45	1.69
10-70-73	2.42	4.66	.01545	.03261	.00863	.00744	0.99	4.32	1.25	.700	.0597	.848	62.9	44.3	64.8	45.6	4.40	4.17	2.45	1.75
10-70-74	1.93	3.60	.01537	.03164	.00850	.00733	0.99	4.01	1.25	.700	.0611	.840	49.3	34.9	50.8	35.9	4.44	4.21	2.46	1.81
10-70-75	0.55	0.63	.01136	.01668	.00651	.00563	0.99	1.71	1.26	.700	.0856	.733	9.6	7.2	9.8	7.3	7.01	6.75	2.47	2.52
10-70-76	1.91	3.53	.01521	.03115	.00842	.00728	0.99	3.95	1.26	.699	.0614	.838	48.3	33.9	49.8	34.9	4.50	4.27	2.46	1.81
10-70-77	2.42	4.68	.01541	.03249	.00873	.00750	0.99	4.31	1.24	.699	.0597	.848	63.1	45.1	64.9	46.4	4.41	4.20	2.45	1.75
10-70-78	1.75	3.18	.01510	.03050	.00850	.00733	0.99	3.80	1.25	.699	.0621	.834	43.7	31.1	44.9	32.0	4.56	4.34	2.46	1.84
10-70-79	1.73	3.15	.01522	.03083	.00857	.00740	0.99	3.83	1.25	.699	.0620	.834	43.4	30.6	44.6	31.5	4.51	4.27	2.46	1.85
10-70-80	1.46	2.60	.01523	.03025	.00850	.00732	0.99	3.63	1.25	.699	.0631	.828	36.3	25.9	37.3	26.7	4.52	4.29	2.46	1.90
10-70-81	1.29	2.24	.01514	.02950	.00824	.00710	0.99	3.45	1.24	.700	.0641	.822	31.5	22.6	32.4	23.2	4.57	4.34	2.46	1.95
10-70-82	1.12	1.83	.01441	.02690	.00800	.00693	0.99	3.09	1.26	.700	.0667	.809	25.8	18.2	26.6	18.8	4.92	4.67	2.46	2.01
10-70-83	0.88	1.35	.01412	.02512	.00777	.00671	0.98	2.75	1.25	.699	.0696	.794	19.5	14.1	20.0	14.5	5.11	4.87	2.46	2.13
10-70-84	0.77	1.10	.01332	.02229	.00723	.00625	0.99	2.40	1.26	.700	.0734	.777	16.0	11.6	16.4	11.9	5.62	5.37	2.46	2.22
10-70-85	0.69	0.93	.01322	.02150	.00707	.00611	0.98	2.26	1.25	.700	.0754	.769	13.8	10.1	14.1	10.4	5.72	5.48	2.46	2.30
10-70-86	0.61	0.78	.01283	.01984	.00663	.00573	0.98	2.04	1.26	.700	.0788	.756	11.7	8.6	12.0	8.8	6.07	5.81	2.46	2.39
10-70-87	0.55	0.64	.01197	.01694	.00646	.00558	0.99	1.73	1.25	.700	.0849	.735	9.7	7.2	9.9	7.4	6.90	6.64	2.47	2.51
10-70-88	4.31	8.26	.01445	.03197	.00762	.00721	0.99	4.92	1.58	.691	.0585	.857	107.9	53.0	114.8	56.4	4.68	4.22	2.45	1.63
10-70-89	3.26	5.89	.01390	.02966	.00745	.00707	0.99	4.36	1.59	.691	.0607	.843	77.6	38.2	82.5	40.6	4.93	4.44	2.46	1.69
10-70-90	2.81	4.98	.01395	.02945	.00737	.00701	0.98	4.21	1.60	.691	.0615	.839	66.4	32.6	70.6	34.7	4.91	4.42	2.46	1.72
10-70-91	2.44	4.19	.01373	.02839	.00719	.00684	0.98	3.96	1.60	.691	.0627	.832	56.2	27.8	59.7	29.6	5.03	4.54	2.46	1.76
10-70-92	2.10	3.49	.01367	.02778	.00694	.00662	0.98	3.76	1.61	.691	.0639	.825	47.4	23.4	50.4	24.9	5.07	4.57	2.46	1.81
10-70-93	1.83	2.93	.01343	.02666	.00670	.00639	0.98	3.52	1.61	.691	.0652	.817	40.1	19.9	42.6	21.2	5.21	4.70	2.46	1.85
10-70-94	1.58	2.43	.01323	.02587	.00642	.00641	0.98	3.33	1.61	.691	.0667	.809	33.7	16.9	35.8	18.0	5.29	4.78	2.46	1.90
10-70-95	1.37	2.04	.01321	.02515	.00643	.00613	0.98	3.15	1.61	.691	.0681	.802	28.7	14.5	30.5	15.4	5.35	4.84	2.46	1.96
10-70-96	1.19	1.72	.01320	.02471	.00611	.00585	0.98	3.00	1.62	.691	.0695	.796	24.5	12.4	26.0	13.1	5.38	4.86	2.46	2.02
10-70-97	1.07	1.46	.01280	.02319	.00572	.00550	0.98	2.77	1.63	.692	.0719	.795	21.0	10.6	22.3	11.2	5.63	5.10	2.46	2.08
10-70-98	0.93	1.19	.01246	.02164	.00537	.00516	0.98	2.52	1.64	.691	.0747	.773	17.4	8.8	18.5	9.3	5.91	5.36	2.46	2.16
10-70-99	0.81	0.97	.01209	.01983	.00494	.00476	0.98	2.25	1.64	.691	.0781	.760	14.4	7.3	15.3	7.8	6.28	5.71	2.46	2.25
10-70-100	4.36	7.18	.01326	.02873	.00665	.00675	0.98	4.50	1.82	.687	.0608	.844	93.3	37.7	100.9	40.8	5.15	4.51	2.46	1.65

RUN NO.	RE*E4	Q<Kw/M2>	ST+/ 0.0	ST*/ 0.0	ST1*/ 0.0	STT*/ 0.0	STIF/ 0.0	AI/AB	H+	G+	GPR1	G*	3*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP	
10-70-51	5.74	0.0	0.0	0.0	0.0	0.0	0.0	.744	170.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.06	7.12			
10-70-52	4.70	0.0	0.0	0.0	0.0	0.0	0.0	.733	138.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.05	7.20			
10-70-53	3.87	0.0	0.0	0.0	0.0	0.0	0.0	.722	112.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.04	7.27			
10-70-54	3.18	0.0	0.0	0.0	0.0	0.0	0.0	.711	91.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.02	7.33			
10-70-55	3.86	0.0	0.0	0.0	0.0	0.0	0.0	.723	112.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.04	7.24			
10-70-56	3.05	0.0	0.0	0.0	0.0	0.0	0.0	.709	87.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.02	7.34			
10-70-57	2.44	0.0	0.0	0.0	0.0	0.0	0.0	.695	69.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00	7.42			
10-70-58	2.35	0.0	0.0	0.0	0.0	0.0	0.0	.694	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00	7.41			
10-70-59	1.88	0.0	0.0	0.0	0.0	0.0	0.0	.677	52.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.97	7.54			
10-70-60	1.52	0.0	0.0	0.0	0.0	0.0	0.0	.662	42.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.95	7.64			
10-70-61	1.24	0.0	0.0	0.0	0.0	0.0	0.0	.646	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.93	7.76			
10-70-62	0.99	0.0	0.0	0.0	0.0	0.0	0.0	.631	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.91	7.80			
10-70-63	0.88	0.0	0.0	0.0	0.0	0.0	0.0	.605	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.86	8.26			
10-70-64	0.98	0.0	0.0	0.0	0.0	0.0	0.0	.612	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.88	8.26			
10-70-65	0.83	0.0	0.0	0.0	0.0	0.0	0.0	.591	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.84	8.51			
10-70-66	0.70	0.0	0.0	0.0	0.0	0.0	0.0	.564	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.79	8.91			
10-70-67	0.61	0.0	0.0	0.0	0.0	0.0	0.0	.531	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.73	9.55			
10-70-68	0.54	0.0	0.0	0.0	0.0	0.0	0.0	.482	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.63	10.68			
10-70-69	6.41	23.0	1.05	1.07	1.09	1.10	1.10	1.12	.713	181.9	14.3	14.5	9.9	13.1	12.1	12.0	15.1	11.6	14.8	2.05	7.31	2.83	6.46
10-70-70	4.88	18.0	1.05	1.08	1.10	1.11	1.11	1.14	.695	135.2	13.7	13.8	9.2	12.3	11.4	11.3	14.3	11.0	14.1	2.03	7.45	2.92	6.26
10-70-71	3.88	14.5	1.05	1.09	1.12	1.12	1.12	1.15	.682	106.5	13.2	13.2	8.5	11.5	10.8	10.7	13.6	10.3	13.3	2.01	7.50	3.00	6.28
10-70-72	3.03	11.6	1.04	1.11	1.13	1.14	1.14	1.17	.662	81.0	12.6	12.6	7.8	10.8	10.1	10.0	12.8	9.7	12.6	1.99	7.66	3.11	6.15
10-70-73	2.42	9.2	1.04	1.12	1.15	1.16	1.16	1.19	.642	62.9	11.9	12.0	7.1	9.9	9.4	9.3	12.0	9.0	11.8	1.96	7.83	3.22	6.16
10-70-74	1.93	7.2	1.03	1.14	1.17	1.17	1.17	1.20	.624	49.3	11.7	11.8	6.8	9.6	9.2	9.1	11.7	8.8	11.6	1.94	7.95	3.34	5.62
10-70-75	0.55	1.6	0.86	1.42	1.51	1.50	1.47	.409	9.6	8.1	8.2	3.6	5.1	5.4	5.4	7.4	5.6	8.1	1.57	10.95	4.40	4.84	
10-70-76	1.91	7.4	1.03	1.14	1.17	1.18	1.21	.620	48.3	11.7	11.7	6.8	9.6	9.2	9.1	11.7	8.8	11.5	1.93	8.01	3.36	5.55	
10-70-77	2.42	9.1	1.05	1.12	1.15	1.16	1.19	.642	63.1	11.9	12.0	6.9	9.8	9.3	9.2	11.8	8.8	11.6	1.96	7.85	3.21	6.36	
10-70-78	1.75	6.6	1.03	1.15	1.18	1.19	1.22	.611	43.7	11.4	11.4	6.4	9.2	8.8	8.7	11.2	8.4	11.1	1.92	8.10	3.41	5.69	
10-70-79	1.73	6.7	1.03	1.15	1.18	1.19	1.22	.612	43.4	11.5	11.5	6.3	9.1	8.7	8.6	11.2	8.3	11.1	1.92	8.05	3.42	5.75	
10-70-80	1.46	5.4	1.02	1.16	1.19	1.20	1.23	.599	36.3	11.2	11.3	6.1	8.8	8.5	8.4	10.9	8.1	10.9	1.90	8.13	3.52	5.41	
10-70-81	1.29	4.6	1.01	1.17	1.20	1.21	1.24	.586	31.5	11.3	11.3	6.1	8.9	8.6	8.5	11.0	8.2	11.0	1.89	8.23	3.62	4.87	
10-70-82	1.12	4.1	0.99	1.20	1.24	1.25	1.27	.558	25.8	10.6	10.6	5.5	8.2	8.0	7.9	10.3	7.7	10.3	1.84	8.62	3.78	4.90	
10-70-83	0.88	3.0	0.93	1.24	1.28	1.29	1.30	.528	19.5	10.3	10.3	4.8	7.6	7.4	7.3	9.7	7.2	9.9	1.79	8.92	4.01	4.63	
10-70-84	0.77	2.5	0.94	1.28	1.33	1.34	1.34	.494	16.0	9.9	10.0	4.6	7.3	7.1	7.1	9.3	7.1	9.7	1.74	9.47	4.22	4.30	
10-70-85	0.69	2.2	0.92	1.31	1.37	1.37	1.36	.478	13.8	9.6	9.7	4.2	5.9	6.8	6.8	9.0	6.9	9.5	1.71	9.65	4.39	4.20	
10-70-86	0.61	1.8	0.91	1.34	1.39	1.40	1.38	.453	11.7	9.6	9.7	4.5	7.3	6.3	6.8	9.1	6.9	9.6	1.66	10.04	4.40	3.75	
10-70-87	0.55	1.6	0.87	1.41	1.46	1.43	1.45	.413	9.7	8.4	8.4	3.8	5.4	5.7	5.7	7.8	5.8	8.4	1.58	10.86	4.40	4.49	
10-70-88	4.31	43.5	1.04	1.13	1.15	1.17	1.17	.660	107.9	14.1	12.2	9.0	11.1	11.2	11.0	13.2	10.9	12.9	1.98	7.91	3.14	6.48	
10-70-89	3.26	33.1	1.03	1.15	1.18	1.20	1.20	.631	77.6	13.5	11.6	8.4	10.3	10.5	10.3	12.5	10.3	12.2	1.95	8.21	3.30	6.04	
10-70-90	2.91	28.6	1.02	1.16	1.19	1.21	1.21	.621	56.4	13.5	11.5	8.3	10.2	10.5	10.3	12.4	10.3	12.2	1.93	8.24	3.38	5.64	
10-70-91	2.44	23.3	1.01	1.17	1.21	1.23	1.22	.606	56.2	13.4	11.5	8.2	10.1	10.4	10.1	12.3	10.2	12.1	1.91	8.39	3.48	5.19	
10-70-92	2.10	19.9	1.00	1.18	1.22	1.24	1.23	.592	47.4	13.7	11.7	8.3	10.2	10.5	10.3	12.5	10.4	12.3	1.89	8.49	3.59	4.56	
10-70-93	1.83	16.7	0.99	1.20	1.23	1.26	1.24	.575	40.1	13.7	11.7	8.3	10.2	10.5	10.3	12.4	10.5	12.3	1.87	8.66	3.71	4.12	
10-70-94	1.58	14.6	0.98	1.22	1.26	1.29	1.26	.559	33.7	13.1	11.2	7.6	9.5	9.9	9.6	11.8	9.9	11.7	1.84	8.79	3.84	4.20	
10-70-95	1.37	12.0	0.97	1.24	1.28	1.30	1.27	.544	28.7	13.4	11.4	7.8	9.8	10.1	9.9	12.0	10.2	12.1	1.82	8.91	3.98	3.63	
10-70-96	1.19	10.1	0.96	1.25	1.29	1.32	1.27	.531	24.5	13.8	11.7	8.1	10.1	10.5	10.2	12.4	10.7	12.5	1.80	9.00	4.15	3.07	
10-70-97	1.07	8.4	0.94	1.28	1.32	1.34	1.29	.509	21.0	14.1	11.9	8.3	10.3	10.7	10.4	12.6	11.0	12.8	1.76	9.29	4.33	2.67	
10-70-98	0.93	6.9	0.93	1.29	1.33	1.36	1.30	.485	17.4	14.3	12.0	8.7	10.6	10.8	10.5	12.8	11.2	13.1	1.72	9.61	4.40	2.28	
10-70-99	0.81	5.5	0.91	1.31	1.35	1.37	1.31	.459	14.4	14.6	12.3	9.5	11.5	11.3	11.0	13.3	11.7	13.6	1.67	10.03	4.40	1.87	
10-70-100	4.06	57.7	1.00	1.16	1.19	1.21	1.19	.631	93.3	14.8	11.6	10.0	11.2	12.0	11.7	13.5	11.9	13.0	1.94	8.34	3.30	5.40	

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
10-70-101	3.27	5.54	.01304	.02759	.00627	.00641	0.98	4.16	1.85	.687	.0623	.835	72.9	29.2	78.9	31.6	5.27	4.62	2.46	1.70
10-70-102	2.71	4.42	.01296	.02689	.00625	.00635	0.98	3.91	1.82	.688	.0635	.827	59.0	24.2	63.7	26.2	5.33	4.68	2.46	1.74
10-70-103	2.21	3.41	.01268	.02554	.00596	.00608	0.98	3.58	1.83	.687	.0657	.816	46.1	19.1	49.8	20.6	5.50	4.84	2.46	1.80
10-70-104	1.84	2.72	.01255	.02465	.00565	.00576	0.98	3.34	1.83	.687	.0674	.807	37.3	15.6	40.3	16.8	5.60	4.94	2.46	1.86
10-70-105	1.53	2.15	.01243	.02374	.00534	.00544	0.98	3.10	1.83	.687	.0694	.797	30.1	12.7	32.4	13.7	5.71	5.04	2.46	1.93
10-70-106	1.28	1.73	.01237	.02296	.00492	.00502	0.98	2.89	1.83	.687	.0713	.788	24.6	10.5	26.5	11.3	5.79	5.12	2.46	2.00
10-70-107	1.08	1.38	.01209	.02134	.00450	.00458	0.98	2.59	1.83	.687	.0742	.776	19.9	8.5	21.4	9.2	6.08	5.39	2.46	2.09
10-70-108	0.90	1.10	.01188	.01975	.00390	.00397	0.98	2.30	1.83	.687	.0773	.763	16.1	6.9	17.3	7.4	6.39	5.67	2.46	2.19
10-70-109	20.78	49.73	.01685	.04217	.00696	.00598	0.99	8.26	1.24	.698	.0517	.908	632.4	439.6	652.0	453.3	3.91	3.70	2.44	1.40
10-70-110	15.65	36.80	.01677	.04135	.00729	.00625	0.99	7.70	1.24	.697	.0523	.903	470.8	330.2	485.1	340.2	3.93	3.72	2.44	1.43
10-70-111	12.54	29.00	.01651	.04010	.00758	.00648	0.99	7.19	1.23	.697	.0529	.897	371.2	264.5	381.5	272.1	4.00	3.80	2.44	1.46
10-70-112	10.13	23.01	.01637	.03920	.00802	.00686	0.99	6.77	1.23	.698	.0536	.892	295.8	211.0	304.3	217.1	4.05	3.85	2.45	1.49
10-70-113	8.07	17.98	.01627	.03839	.00814	.00698	0.99	6.36	1.23	.699	.0542	.887	232.6	164.5	239.5	169.3	4.08	3.87	2.45	1.52
10-70-114	6.57	14.31	.01598	.03699	.00822	.00705	0.99	5.92	1.23	.698	.0551	.880	185.4	131.5	190.8	135.3	4.17	3.96	2.45	1.55
10-70-115	13.54	29.71	.01507	.03626	.00733	.00694	0.99	6.83	1.59	.690	.0540	.890	372.0	177.4	396.5	189.1	4.42	3.96	2.45	1.45
10-70-116	11.37	24.93	.01574	.03757	.00741	.00701	0.99	6.88	1.59	.690	.0540	.890	319.5	152.4	340.5	162.5	4.20	3.76	2.45	1.47
10-70-117	9.23	19.54	.01495	.03514	.00741	.00701	0.99	6.19	1.59	.690	.0552	.881	247.9	119.1	264.1	126.8	4.47	4.01	2.45	1.50
10-70-118	7.41	15.22	.01469	.03351	.00754	.00715	0.99	5.76	1.59	.690	.0562	.873	194.1	93.2	206.7	99.2	4.57	4.10	2.45	1.53
10-70-119	18.47	41.86	.01554	.03825	.00687	.00654	0.99	7.56	1.60	.691	.0530	.898	524.2	243.8	559.9	260.4	4.28	3.82	2.44	1.42
10-70-120	17.61	38.67	.01486	.03629	.00658	.00666	0.99	7.24	1.81	.688	.0537	.893	480.9	186.9	522.2	202.9	4.47	3.88	2.45	1.42
10-70-121	13.21	28.10	.01464	.03519	.00684	.00691	0.99	6.70	1.80	.687	.0547	.885	352.1	138.8	381.8	150.5	4.56	3.98	2.45	1.46
10-70-122	10.52	21.70	.01431	.03377	.00692	.00698	0.99	6.20	1.80	.687	.0557	.878	272.7	108.4	295.5	117.4	4.69	4.09	2.45	1.49
10-70-123	8.39	16.77	.01401	.03246	.00705	.00711	0.99	5.75	1.80	.687	.0567	.871	211.6	85.0	229.2	92.0	4.78	4.18	2.45	1.52
10-70-124	6.66	12.93	.01394	.03181	.00709	.00714	0.98	5.41	1.79	.687	.0576	.864	165.0	67.0	178.5	72.4	4.82	4.22	2.45	1.55
10-70-125	5.40	10.09	.01364	.03047	.00697	.00703	0.98	5.01	1.80	.687	.0589	.856	129.6	52.8	140.1	57.1	4.96	4.35	2.45	1.59

RUN NO.	RE*E4	J<K*/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPRI	G*	J*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP		
10-70-101	3.27	45.3	1.00	1.17	1.20	1.23	1.20	.611	72.9	15.5	12.1	10.4	11.5	12.4	12.0	13.8	12.3	13.4	1.92	8.51	3.45	4.41
10-70-102	2.71	35.5	0.99	1.19	1.22	1.25	1.22	.595	59.0	15.1	11.8	9.9	11.0	11.9	11.6	13.4	11.9	13.0	1.89	8.62	3.57	4.22
10-70-103	2.21	28.0	0.97	1.21	1.24	1.28	1.24	.572	46.1	15.1	11.8	9.8	11.0	11.9	11.5	13.3	12.0	13.0	1.86	8.85	3.74	3.67
10-70-104	1.84	22.1	0.95	1.23	1.26	1.30	1.25	.553	37.3	15.4	12.0	10.1	11.2	12.2	11.8	13.7	12.4	13.5	1.83	9.01	3.92	3.05
10-70-105	1.53	17.3	0.93	1.25	1.28	1.32	1.26	.533	30.1	15.6	12.2	10.3	11.5	12.5	12.0	14.0	12.7	13.5	1.80	9.18	4.12	2.55
10-70-106	1.28	13.4	0.91	1.26	1.29	1.33	1.26	.515	24.6	16.4	12.8	11.1	12.3	13.3	12.8	14.5	13.8	14.9	1.77	9.33	4.34	1.94
10-70-107	1.08	10.3	0.90	1.27	1.29	1.34	1.26	.490	19.9	17.0	13.3	12.2	13.5	14.2	13.6	15.8	14.6	15.9	1.73	9.68	4.40	1.47
10-70-108	0.90	7.4	0.87	1.26	1.28	1.32	1.25	.465	16.1	18.5	14.5	14.7	16.2	16.3	15.7	18.1	16.8	18.1	1.68	10.06	4.40	0.93
10-70-109	20.78	65.0	1.05	1.04	1.05	1.06	1.07	.776	632.4	19.0	19.2	14.8	18.9	16.9	16.7	20.8	16.4	20.5	2.12	6.89	2.54	5.24
10-70-110	15.65	51.1	1.05	1.05	1.06	1.07	1.08	.763	470.8	17.7	17.9	13.5	17.4	15.6	15.5	19.4	15.2	19.1	2.11	6.95	2.59	5.53
10-70-111	12.54	40.9	1.05	1.05	1.07	1.07	1.09	.751	371.2	16.6	16.9	12.3	16.1	14.5	14.4	18.1	14.0	17.8	2.10	7.06	2.64	5.90
10-70-112	10.13	34.1	1.06	1.06	1.07	1.08	1.10	.740	295.8	15.4	15.7	11.0	14.5	13.2	13.0	16.5	12.7	16.2	2.08	7.14	2.69	6.66
10-70-113	8.07	28.9	1.06	1.07	1.08	1.09	1.11	.727	232.6	14.9	15.1	10.4	13.8	12.6	12.5	15.8	12.1	15.5	2.07	7.22	2.75	6.57
10-70-114	6.57	23.4	1.05	1.07	1.05	1.10	1.12	.713	185.4	14.3	14.5	9.8	13.1	12.0	11.9	15.1	11.5	14.8	2.05	7.35	2.82	6.52
10-70-115	13.54	136.6	1.05	1.07	1.09	1.11	1.11	.733	372.0	16.2	13.9	11.8	14.1	13.8	13.6	16.2	13.5	15.7	2.07	7.43	2.73	7.45
10-70-116	11.37	116.1	1.05	1.08	1.09	1.11	1.11	.733	319.5	16.5	14.2	11.9	14.2	14.0	13.8	16.4	13.7	16.0	2.07	7.26	2.77	6.88
10-70-117	9.23	94.0	1.05	1.09	1.11	1.12	1.13	.713	247.9	15.7	13.5	11.1	13.3	13.1	12.9	15.4	12.8	15.0	2.05	7.54	2.85	6.94
10-70-118	7.41	77.0	1.05	1.10	1.12	1.14	1.14	.697	194.1	15.0	12.9	10.2	12.3	12.3	12.1	14.5	12.0	14.1	2.03	7.68	2.92	7.11
10-70-119	18.47	174.5	1.02	1.06	1.08	1.09	1.09	.752	524.2	17.6	15.0	13.7	16.1	15.7	15.5	18.3	15.4	17.8	2.10	7.23	2.66	6.52
10-70-120	17.61	239.0	1.02	1.07	1.09	1.11	1.10	.741	480.9	18.0	14.2	13.9	15.3	15.8	15.5	17.7	15.6	17.0	2.08	7.42	2.72	6.54
10-70-121	13.21	188.5	1.03	1.09	1.11	1.12	1.12	.723	352.1	16.9	13.3	12.6	14.0	14.5	14.2	16.4	14.3	15.7	2.06	7.54	2.80	6.96
10-70-122	10.52	152.3	1.02	1.10	1.12	1.14	1.13	.707	272.7	16.2	12.8	11.8	13.2	13.7	13.5	15.5	13.6	14.9	2.04	7.70	2.87	6.96
10-70-123	8.39	122.8	1.03	1.11	1.13	1.15	1.15	.691	211.6	15.5	12.3	10.9	12.2	12.9	12.6	14.5	12.7	14.0	2.02	7.85	2.96	7.10
10-70-124	6.66	98.2	1.03	1.12	1.15	1.17	1.16	.676	165.0	15.1	12.0	10.4	11.7	12.4	12.1	14.0	12.2	13.5	2.00	7.93	3.04	6.83
10-70-125	5.40	78.4	1.02	1.13	1.16	1.19	1.18	.658	129.6	14.9	11.8	10.1	11.4	12.1	11.8	13.6	11.9	13.1	1.98	8.10	3.14	6.36

Table 6 cont.

RUN NO.	RE*E4	REL*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
12-85- 1	26.71	66.72	.01170	.03016	.0	.0	0.99	6.57	1.00	.706	.0295	.864	373.4	373.4	373.4	373.4	3.73	3.73	2.46	1.63
12-85- 2	21.04	51.37	.01149	.02892	.0	.0	0.99	6.06	1.00	.707	.0300	.856	288.1	288.1	288.1	288.1	3.84	3.84	2.46	1.66
12-85- 3	16.30	39.03	.01154	.02851	.0	.0	0.99	5.70	1.00	.707	.0305	.850	221.5	221.5	221.5	221.5	3.83	3.83	2.46	1.70
12-85- 4	13.86	32.79	.01159	.02832	.0	.0	0.99	5.50	1.00	.708	.0307	.846	187.7	187.7	187.7	187.7	3.81	3.81	2.46	1.72
12-85- 5	10.43	24.30	.01198	.02892	.0	.0	0.99	5.30	1.00	.708	.0310	.841	142.6	142.6	142.6	142.6	3.62	3.62	2.47	1.77
12-85- 6	9.17	21.15	.01202	.02871	.0	.0	0.99	5.14	1.00	.708	.0313	.838	125.0	125.0	125.0	125.0	3.60	3.60	2.47	1.79
12-85- 7	8.04	18.29	.01201	.02831	.0	.0	0.99	4.94	1.00	.710	.0315	.833	108.8	108.8	108.8	108.8	3.61	3.61	2.47	1.82
12-85- 8	6.10	13.59	.01230	.02851	.0	.0	0.99	4.70	1.00	.710	.0320	.827	82.7	82.7	82.7	82.7	3.46	3.46	2.47	1.87
12-85- 9	5.35	11.71	.01222	.02783	.0	.0	0.99	4.48	1.00	.709	.0325	.821	71.7	71.7	71.7	71.7	3.51	3.51	2.47	1.90
12-85-10	4.00	8.51	.01242	.02758	.0	.0	0.99	4.19	1.00	.709	.0331	.812	53.3	53.3	53.3	53.3	3.40	3.40	2.47	1.98
12-85-11	3.24	6.68	.01239	.02676	.0	.0	0.98	3.90	1.00	.709	.0339	.803	42.5	42.5	42.5	42.5	3.41	3.41	2.47	2.04
12-85-12	2.72	5.46	.01235	.02599	.0	.0	0.98	3.66	1.00	.709	.0346	.795	35.1	35.1	35.1	35.1	3.44	3.44	2.47	2.10
12-85-13	2.72	5.47	.01241	.02618	.0	.0	0.98	3.68	1.00	.709	.0345	.795	35.3	35.3	35.3	35.3	3.41	3.41	2.47	2.10
12-85-14	2.15	4.13	.01225	.02478	.0	.0	0.98	3.33	1.00	.709	.0358	.781	27.1	27.1	27.1	27.1	3.54	3.54	2.47	2.20
12-85-15	1.71	3.11	.01212	.02344	.0	.0	0.98	3.00	1.00	.709	.0374	.765	20.8	20.8	20.8	20.8	3.75	3.75	2.47	2.31
12-85-16	1.38	2.37	.01199	.02209	.0	.0	0.98	2.71	1.00	.709	.0389	.750	16.3	16.3	16.3	16.3	3.85	3.85	2.47	2.43
12-85-17	1.12	1.71	.01126	.01888	.0	.0	0.98	2.23	1.00	.708	.0435	.717	12.1	12.1	12.1	12.1	4.96	4.96	2.47	2.62
12-85-18	0.95	1.45	.01149	.01873	.0	.0	0.98	2.15	1.00	.708	.0423	.720	10.3	10.3	10.3	10.3	4.03	4.03	2.47	2.72
12-85-19	0.72	1.01	.01150	.01742	.0	.0	0.97	1.89	1.00	.709	.0452	.698	7.5	7.5	7.5	7.5	3.97	3.97	2.48	3.01
12-85-20	0.59	0.65	.01016	.01213	.0	.0	0.97	1.29	1.00	.708	.0544	.645	5.1	5.1	5.1	5.1	5.74	5.74	2.48	3.48
12-85-21	9.02	19.72	.01140	.02678	.00606	.00522	0.99	4.88	1.23	.707	.0320	.828	116.0	82.8	119.3	85.1	3.92	3.68	2.47	1.80
12-85-22	12.17	27.19	.01105	.02632	.00577	.00496	0.99	5.08	1.22	.706	.0316	.834	155.8	111.7	160.1	114.8	4.11	3.88	2.47	1.75
12-85-23	21.45	50.74	.01100	.02740	.00533	.00456	0.99	5.85	1.21	.705	.0304	.851	232.2	206.4	289.6	211.9	4.10	3.88	2.46	1.66
12-85-24	15.92	36.44	.01098	.02671	.00641	.00548	0.99	5.42	1.21	.705	.0310	.841	205.6	150.2	211.1	154.2	4.13	3.91	2.47	1.70
12-85-25	13.47	30.02	.01094	.02628	.00557	.00489	0.99	5.20	1.31	.703	.0315	.835	171.2	110.0	177.7	114.2	4.15	3.84	2.47	1.73
12-85-26	4.54	8.85	.01138	.02459	.00614	.00542	0.98	4.03	1.33	.704	.0341	.801	54.9	35.1	57.0	36.4	3.94	3.61	2.47	1.96
12-85-27	3.92	7.47	.01140	.02463	.00606	.00537	0.98	3.86	1.33	.705	.0345	.795	47.0	29.9	48.8	31.0	3.92	3.59	2.47	2.01
12-85-28	2.97	5.40	.01141	.02373	.00603	.00530	0.98	3.52	1.31	.704	.0357	.782	34.7	22.8	36.0	23.6	3.93	3.61	2.47	2.10
12-85-29	2.32	3.97	.01125	.02236	.00583	.00513	0.98	3.17	1.31	.704	.0371	.767	26.1	17.3	27.0	17.9	4.05	3.73	2.47	2.20
12-85-30	11.55	23.27	.01026	.02409	.00530	.00519	0.99	4.77	1.70	.701	.0328	.819	134.4	58.4	144.3	62.7	4.53	3.91	2.47	1.76
12-85-31	9.26	18.33	.01054	.02457	.00542	.00528	0.98	4.66	1.68	.701	.0331	.815	108.3	47.7	116.1	51.2	4.35	3.75	2.47	1.81
12-85-32	6.88	13.06	.01066	.02429	.00539	.00526	0.98	4.36	1.68	.701	.0338	.805	79.2	35.2	84.9	37.7	4.29	3.68	2.47	1.87
12-85-33	23.04	51.97	.01073	.02699	.00503	.00486	0.99	5.96	1.66	.699	.0308	.847	291.2	127.9	312.4	137.2	4.21	3.62	2.46	1.65
12-85-34	17.03	36.77	.01049	.02558	.00517	.00499	0.99	5.39	1.65	.700	.0316	.835	207.9	92.8	222.7	99.4	4.37	3.78	2.47	1.70
12-85-35	13.22	27.38	.01038	.02472	.00531	.00515	0.99	5.00	1.67	.700	.0323	.825	157.0	69.7	168.2	74.7	4.46	3.86	2.47	1.74
12-85-36	5.58	10.21	.01071	.02358	.00545	.00533	0.98	4.15	1.69	.702	.0345	.797	63.1	28.0	67.6	30.0	4.25	3.65	2.47	1.92
12-85-37	4.45	7.78	.01066	.02323	.00537	.00524	0.98	3.85	1.69	.701	.0354	.786	49.0	22.2	52.4	23.7	4.29	3.69	2.47	1.99
12-85-38	3.74	6.26	.01059	.02253	.00531	.00517	0.98	3.62	1.68	.701	.0363	.777	40.1	18.5	42.8	19.7	4.34	3.74	2.47	2.04
12-85-39	3.01	4.77	.01051	.02161	.00515	.00498	0.98	3.33	1.66	.701	.0374	.765	31.2	14.8	33.3	15.8	4.41	3.82	2.47	2.13
12-85-40	16.01	36.56	.01097	.02671	.00542	.00471	0.99	5.43	1.27	.704	.0311	.841	206.4	139.5	213.3	144.2	4.13	3.85	2.47	1.70
12-85-41	16.00	36.62	.01100	.02682	.00547	.00474	0.99	5.45	1.26	.704	.0310	.842	206.9	141.2	213.6	145.8	4.11	3.84	2.47	1.70
12-85-42	12.24	26.74	.01084	.02574	.00556	.00494	0.99	5.02	1.35	.706	.0318	.831	153.2	93.8	159.6	97.7	4.22	3.87	2.47	1.75
12-85-43	9.30	19.95	.01115	.02613	.00586	.00518	0.99	4.83	1.33	.705	.0322	.826	117.0	73.8	121.6	76.6	4.05	3.72	2.47	1.80
12-85-44	5.10	10.16	.01142	.02548	.00606	.00537	0.99	4.20	1.34	.705	.0337	.806	62.6	39.5	65.0	41.0	3.90	3.57	2.47	1.93
12-85-45	3.86	7.32	.01139	.02455	.00608	.00539	0.98	3.84	1.34	.706	.0347	.794	46.1	29.1	47.9	30.2	3.93	3.59	2.47	2.01
12-85-46	2.95	5.33	.01139	.02369	.00596	.00527	0.98	3.51	1.33	.705	.0358	.781	34.4	22.2	35.7	23.0	3.93	3.60	2.47	2.10
12-85-47	26.49	63.28	.01098	.02784	.00513	.00449	0.99	6.18	1.30	.703	.0301	.856	349.8	227.2	362.7	235.5	4.09	3.79	2.46	1.63
12-85-48	19.09	43.95	.01091	.02657	.00533	.00467	0.99	5.59	1.30	.703	.0308	.845	245.2	158.4	254.4	164.3	4.21	3.90	2.46	1.68
12-70-49	8.56	19.31	.01601	.03750	.0	.0	0.99	6.26	1.00	.710	.0409	.887	186.5	186.5	186.5	186.5	3.44	3.44	2.45	1.64
12-70-50	6.43	14.16	.01537	.03633	.0	.0	0.99	5.75	1.00	.710	.0415	.880	137.8	137.8	137.8	137.8	3.48	3.48	2.46	1.69

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	STIF/ A1/AB	H+	G+	GPR1	G*	S*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP			
12-85-	1	26.71	0.0	0.0	0.0	0.0	0.0	.747	373.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.71	8.14				
12-85-	2	21.04	0.0	0.0	0.0	0.0	0.0	.733	288.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.69	8.32				
12-85-	3	16.30	0.0	0.0	0.0	0.0	0.0	.722	221.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.68	8.38				
12-85-	4	13.86	0.0	0.0	0.0	0.0	0.0	.715	187.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.67	8.40				
12-85-	5	10.43	0.0	0.0	0.0	0.0	0.0	.708	142.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.66	8.32				
12-85-	6	9.17	0.0	0.0	0.0	0.0	0.0	.702	125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.65	8.35				
12-85-	7	8.04	0.0	0.0	0.0	0.0	0.0	.694	108.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.64	8.40				
12-85-	8	6.10	0.0	0.0	0.0	0.0	0.0	.684	82.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.62	8.38				
12-85-	9	5.35	0.0	0.0	0.0	0.0	0.0	.674	71.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.61	8.48				
12-85-	10	4.00	0.0	0.0	0.0	0.0	0.0	.660	53.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.59	8.52				
12-85-	11	3.24	0.0	0.0	0.0	0.0	0.0	.645	42.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.56	8.65				
12-85-	12	2.72	0.0	0.0	0.0	0.0	0.0	.632	35.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.54	8.77				
12-85-	13	2.72	0.0	0.0	0.0	0.0	0.0	.633	35.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.54	8.74				
12-85-	14	2.15	0.0	0.0	0.0	0.0	0.0	.610	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.50	8.98				
12-85-	15	1.71	0.0	0.0	0.0	0.0	0.0	.585	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.45	9.24				
12-85-	16	1.38	0.0	0.0	0.0	0.0	0.0	.563	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.41	9.51				
12-85-	17	1.12	0.0	0.0	0.0	0.0	0.0	.514	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.29	10.29				
12-85-	18	0.95	0.0	0.0	0.0	0.0	0.0	.518	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.31	10.33				
12-85-	19	0.72	0.0	0.0	0.0	0.0	0.0	.488	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.24	10.71				
12-85-	20	0.59	0.0	0.0	0.0	0.0	0.0	.417	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.04	12.84				
12-85-	21	9.02	13.4	0.97	1.09	1.11	1.15	1.12	.631	116.0	13.8	14.0	10.0	13.6	12.4	11.9	15.5	12.3	15.9	2.62	8.64	2.96	4.36
12-85-	22	12.17	16.4	0.97	1.08	1.10	1.13	1.11	.642	155.8	14.7	14.9	11.1	14.9	13.5	13.0	16.7	13.3	17.1	2.64	8.72	2.86	4.20
12-85-	23	21.45	26.0	1.00	1.06	1.08	1.10	1.09	.675	282.2	17.4	17.9	13.7	18.0	16.0	15.4	19.8	15.7	20.0	2.68	8.54	2.70	3.81
12-85-	24	15.92	23.7	1.04	1.08	1.10	1.13	1.12	.657	205.6	14.3	14.6	9.5	13.1	11.9	11.4	14.8	11.6	15.2	2.66	8.65	2.78	6.31
12-85-	25	13.47	27.0	0.99	1.08	1.10	1.14	1.11	.645	171.2	15.8	15.4	11.8	15.5	14.1	13.6	17.3	14.0	17.6	2.64	8.72	2.87	4.12
12-85-	26	4.54	10.4	0.95	1.13	1.17	1.21	1.17	.578	54.9	12.3	11.8	7.9	11.1	10.6	10.0	13.1	10.6	13.7	2.55	8.95	3.34	4.13
12-85-	27	3.92	8.9	0.95	1.14	1.18	1.22	1.17	.567	47.0	12.2	11.7	7.8	10.9	10.4	9.9	12.9	10.5	13.6	2.54	9.01	3.43	3.86
12-85-	28	2.97	6.3	0.93	1.16	1.20	1.25	1.19	.543	34.7	11.5	11.1	7.0	10.1	9.8	9.2	12.2	9.5	13.0	2.50	9.18	3.61	3.57
12-85-	29	2.32	4.8	0.91	1.19	1.24	1.28	1.21	.516	26.1	11.1	10.7	6.4	9.5	9.3	8.8	11.7	9.6	12.7	2.46	9.46	3.82	3.20
12-85-	30	11.55	52.3	0.97	1.12	1.16	1.21	1.14	.612	134.4	15.5	12.6	11.1	13.1	13.3	12.6	15.1	13.5	15.5	2.60	9.11	3.10	4.71
12-85-	31	9.26	42.4	0.96	1.13	1.17	1.22	1.15	.604	108.3	15.0	12.3	10.6	12.6	12.9	12.1	14.6	13.1	15.1	2.59	9.02	3.19	4.53
12-85-	32	6.38	31.4	0.95	1.15	1.19	1.24	1.16	.586	79.2	14.7	12.0	10.1	12.1	12.4	11.7	14.2	12.8	14.7	2.56	9.07	3.34	4.15
12-85-	33	23.04	94.0	0.99	1.08	1.11	1.14	1.10	.667	291.2	18.4	15.3	14.3	15.8	16.5	15.8	18.8	16.6	19.0	2.67	8.61	2.82	4.29
12-85-	34	17.03	73.2	0.98	1.10	1.12	1.17	1.12	.644	207.9	17.0	14.1	12.8	15.2	15.0	14.3	17.1	15.1	17.4	2.64	8.84	2.92	4.48
12-85-	35	13.22	59.9	0.97	1.11	1.15	1.19	1.13	.624	157.0	15.8	13.1	11.6	13.8	13.7	13.0	15.7	13.9	16.1	2.61	8.99	3.03	4.73
12-85-	36	5.58	25.7	0.94	1.17	1.21	1.26	1.18	.570	63.1	14.1	11.5	9.3	11.2	11.7	11.0	13.4	12.2	14.0	2.54	9.13	3.47	4.13
12-85-	37	4.45	20.2	0.93	1.19	1.24	1.29	1.19	.551	49.0	13.7	11.2	8.8	10.7	11.3	10.6	12.9	11.8	13.7	2.51	9.28	3.63	3.81
12-85-	38	3.74	16.5	0.92	1.21	1.26	1.31	1.21	.533	40.1	13.2	10.9	8.3	10.2	10.8	10.2	12.5	11.5	13.3	2.48	9.42	3.77	3.63
12-85-	39	3.01	12.7	0.90	1.23	1.28	1.34	1.22	.511	31.2	13.0	10.8	7.9	9.9	10.5	9.9	12.2	11.3	13.2	2.45	9.62	3.96	3.22
12-85-	40	16.01	26.8	1.00	1.07	1.09	1.12	1.10	.657	206.4	16.7	16.6	12.7	15.7	15.0	14.5	18.5	14.8	18.8	2.66	8.65	2.80	3.85
12-85-	41	16.00	26.1	0.99	1.07	1.09	1.12	1.10	.658	206.9	16.4	16.4	12.6	15.6	14.9	14.4	18.4	14.7	18.7	2.66	8.64	2.80	3.92
12-85-	42	12.24	26.1	0.98	1.09	1.11	1.15	1.12	.636	153.2	15.5	14.7	11.4	14.9	13.8	13.2	16.7	13.7	17.1	2.63	8.82	2.92	4.17
12-85-	43	9.30	19.8	0.97	1.10	1.12	1.16	1.13	.626	117.0	14.2	13.7	10.3	13.6	12.7	12.1	15.5	12.6	15.9	2.62	8.75	3.01	4.34
12-85-	44	5.10	11.5	0.95	1.13	1.16	1.20	1.16	.589	62.6	12.8	12.3	8.5	11.7	11.1	10.6	13.7	11.1	14.3	2.57	8.86	3.28	4.07
12-85-	45	3.86	8.8	0.95	1.15	1.19	1.23	1.18	.565	46.1	12.2	11.6	7.6	10.7	10.3	9.8	12.7	10.4	13.4	2.53	9.03	3.45	3.92
12-85-	46	2.95	6.4	0.93	1.17	1.21	1.25	1.19	.542	34.4	11.7	11.3	7.1	10.2	9.9	9.4	12.3	10.1	13.1	2.50	9.19	3.63	3.48
12-85-	47	26.49	47.7	1.01	1.06	1.07	1.10	1.08	.635	349.8	13.8	18.4	14.7	19.0	17.0	16.4	20.7	16.8	21.0	2.69	8.48	2.67	3.78
12-85-	48	19.09	36.5	0.99	1.07	1.09	1.12	1.10	.663	245.2	17.0	16.6	13.1	17.0	15.4	14.8	18.8	15.2	19.1	2.66	8.68	2.76	4.00
12-70-	49	8.56	0.0	0.0	0.0	0.0	0.0	.750	186.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.35	7.30				
12-70-	50	6.43	0.0	0.0	0.0	0.0	0.0	.735	137.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.33	7.42				

Table 6 cont.

RUN NO.	RE*F4	RE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
12-70-51	4.88	10.46	.01559	.03475	.0	.0	0.99	5.23	1.00	.710	.0425	.872	102.3	102.3	102.3	102.3	3.56	3.56	2.46	1.75
12-70-52	3.88	8.15	.01571	.03447	.0	.0	0.99	4.95	1.00	.710	.0431	.866	80.8	80.8	80.8	80.8	3.51	3.51	2.46	1.80
12-70-53	3.08	6.32	.01572	.03379	.0	.0	0.99	4.63	1.00	.710	.0439	.859	63.4	63.4	63.4	63.4	3.50	3.50	2.46	1.85
12-70-54	2.41	4.78	.01552	.03238	.0	.0	0.98	4.22	1.00	.709	.0450	.849	48.5	48.5	48.5	48.5	3.58	3.58	2.46	1.92
12-70-55	1.92	3.68	.01545	.03142	.0	.0	0.98	3.91	1.00	.709	.0463	.839	37.9	37.9	37.9	37.9	3.70	3.70	2.46	2.00
12-70-56	1.13	1.98	.01507	.02833	.0	.0	0.98	3.16	1.00	.709	.0499	.814	21.1	21.1	21.1	21.1	3.91	3.91	2.46	2.27
12-70-57	0.95	1.58	.01460	.02622	.0	.0	0.98	2.83	1.00	.709	.0518	.801	17.0	17.0	17.0	17.0	4.11	4.11	2.47	2.32
12-70-58	0.77	1.20	.01414	.02407	.0	.0	0.98	2.50	1.00	.709	.0551	.784	13.2	13.2	13.2	13.2	4.52	4.52	2.47	2.47
12-70-59	0.62	0.88	.01313	.02052	.0	.0	0.98	2.06	1.00	.709	.0604	.759	9.8	9.8	9.8	9.8	5.45	5.45	2.52	2.70
12-70-60	0.51	0.67	.01291	.01851	.0	.0	0.97	1.79	1.00	.709	.0616	.746	7.6	7.6	7.6	7.6	4.91	4.91	2.47	2.89
12-70-61	1.56	2.92	.01522	.02996	.0	.0	0.98	3.59	1.00	.710	.0471	.832	30.3	30.3	30.3	30.3	3.63	3.63	2.46	2.07
12-70-62	1.25	2.22	.01468	.02752	.0	.0	0.98	3.16	1.00	.709	.0490	.818	23.2	23.2	23.2	23.2	3.86	3.86	2.46	2.17
12-70-63	12.87	29.20	.01463	.03426	.0	.0	0.99	6.27	1.00	.711	.0408	.889	268.5	268.5	268.5	268.5	3.91	3.91	2.45	1.59
12-70-64	10.51	23.60	.01481	.03435	.0	.0	0.99	6.04	1.00	.711	.0411	.885	219.5	219.5	219.5	219.5	3.84	3.84	2.45	1.62
12-70-65	8.31	18.50	.01534	.03539	.0	.0	0.99	5.92	1.00	.710	.0413	.883	175.9	175.9	175.9	175.9	3.66	3.66	2.46	1.65
12-71-66	3.06	5.76	.01416	.02961	.00707	.00618	0.99	4.21	1.29	.703	.0456	.844	56.9	38.2	58.9	39.5	4.09	3.82	2.46	1.87
12-71-67	3.06	5.81	.01432	.03008	.00705	.00616	0.98	4.27	1.28	.703	.0454	.846	57.6	38.6	59.5	39.9	3.99	3.73	2.46	1.87
12-71-68	4.05	7.96	.01437	.03102	.00699	.00613	0.99	4.65	1.29	.703	.0443	.856	77.7	51.3	80.4	53.1	3.98	3.71	2.46	1.80
12-71-69	5.37	10.90	.01440	.03182	.00689	.00603	0.99	5.04	1.29	.703	.0433	.864	104.8	69.4	108.4	71.9	3.97	3.70	2.46	1.74
12-71-70	7.28	15.27	.01442	.03263	.00663	.00582	0.99	5.47	1.30	.703	.0425	.873	144.6	94.5	149.9	97.9	3.96	3.69	2.46	1.68
12-71-71	9.93	21.02	.01358	.03080	.00628	.00553	0.99	5.52	1.30	.703	.0422	.875	192.1	124.2	199.3	128.8	4.29	4.01	2.46	1.63
12-71-72	12.62	27.02	.01318	.03007	.00609	.00536	0.99	5.66	1.30	.703	.0420	.877	241.9	156.4	250.8	162.2	4.46	4.17	2.46	1.60
12-71-73	16.87	37.42	.01366	.03206	.00593	.00518	0.99	6.31	1.28	.702	.0410	.887	335.3	221.5	347.1	229.3	4.25	3.98	2.45	1.56
12-71-74	22.86	50.62	.01248	.02903	.00543	.00474	0.99	6.11	1.28	.702	.0411	.896	433.6	288.4	448.6	298.4	4.74	4.47	2.45	1.52
12-71-75	2.88	4.76	.01276	.02616	.00594	.00582	0.98	3.85	1.68	.695	.0480	.827	47.3	21.7	50.6	23.2	4.61	4.05	2.46	1.91
12-71-76	3.72	6.54	.01317	.02799	.00613	.00601	0.98	4.30	1.68	.695	.0463	.840	64.2	29.0	68.8	31.0	4.41	3.85	2.46	1.83
12-71-77	4.97	9.17	.01334	.02916	.00627	.00615	0.98	4.72	1.68	.695	.0450	.851	88.6	39.5	94.9	42.4	4.34	3.78	2.46	1.76
12-71-78	6.61	12.72	.01343	.03004	.00622	.00612	0.98	5.12	1.69	.695	.0439	.860	120.9	52.9	129.7	56.8	4.31	3.75	2.46	1.70
12-71-79	8.93	17.53	.01293	.02913	.00598	.00593	0.99	5.28	1.71	.695	.0435	.864	161.8	69.3	174.0	74.5	4.53	3.95	2.46	1.65
12-71-80	11.24	22.51	.01274	.02898	.00584	.00579	0.99	5.49	1.71	.695	.0430	.869	204.2	87.0	219.7	93.6	4.61	4.02	2.46	1.61
12-71-81	2.51	4.08	.01288	.02613	.00587	.00573	0.99	3.73	1.66	.695	.0485	.823	41.1	19.1	43.9	20.4	4.55	3.99	2.46	1.95
12-71-82	15.00	31.29	.01302	.03028	.00573	.00563	0.99	6.00	1.69	.695	.0420	.878	281.5	121.5	302.6	130.6	4.49	3.92	2.46	1.57
12-71-83	1.56	2.51	.01324	.02482	.00665	.00580	0.98	3.11	1.28	.703	.0507	.808	25.9	17.9	26.7	18.4	4.64	4.37	2.47	2.12
12-71-84	1.11	1.26	.01074	.01725	.00439	.00424	0.98	2.13	1.63	.695	.0629	.748	13.7	7.0	14.5	7.4	6.64	6.04	2.47	2.41
12-71-85	1.19	1.75	.01257	.02198	.00621	.00543	0.98	2.63	1.28	.703	.0543	.786	18.3	12.8	18.9	13.2	5.09	4.80	2.47	2.26
12-71-86	1.40	1.80	.01150	.02040	.00513	.00493	0.97	2.63	1.62	.695	.0568	.775	19.1	9.7	20.2	10.3	5.70	5.14	2.47	2.23

RUN NO.	RE*E4	Q<Kw/M2>	ST+/ ST*/	ST1*/ STT*/ STIF/ A1/AB	H+	G+	GPRI	G*	S*R	G*1	CT	GTR	GTF	GTFR	X	YR	AH	TP				
12-70-51	4.88	0.0	0.0	0.0	0.0	0.0	.717	102.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.31	7.59			
12-70-52	3.88	0.0	0.0	0.0	0.0	0.0	.706	80.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.29	7.62			
12-70-53	3.08	0.0	0.0	0.0	0.0	0.0	.692	63.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.27	7.69			
12-70-54	2.41	0.0	0.0	0.0	0.0	0.0	.672	48.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.25	7.86			
12-70-55	1.92	0.0	0.0	0.0	0.0	0.0	.652	37.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.22	7.98			
12-70-56	1.13	0.0	0.0	0.0	0.0	0.0	.602	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.14	8.40			
12-70-57	0.95	0.0	0.0	0.0	0.0	0.0	.579	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.09	8.73			
12-70-58	0.77	0.0	0.0	0.0	0.0	0.0	.547	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.03	9.11			
12-70-59	0.62	0.0	0.0	0.0	0.0	0.0	.502	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.94	9.87			
12-70-60	0.51	0.0	0.0	0.0	0.0	0.0	.479	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.90	10.40			
12-70-61	1.56	0.0	0.0	0.0	0.0	0.0	.638	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.20	8.17			
12-70-62	1.25	0.0	0.0	0.0	0.0	0.0	.611	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.15	8.53			
12-70-63	12.87	0.0	0.0	0.0	0.0	0.0	.753	268.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.36	7.64			
12-70-64	10.51	0.0	0.0	0.0	0.0	0.0	.746	219.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.35	7.63			
12-70-65	8.31	0.0	0.0	0.0	0.0	0.0	.741	175.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.34	7.52			
12-71-66	3.06	10.2	0.98	1.12	1.14	1.17	1.18	.632	56.9	12.8	12.6	8.3	11.4	10.9	10.6	13.5	10.5	13.5	2.23	8.22	3.30	4.23
12-71-67	3.06	10.1	0.98	1.12	1.14	1.16	1.17	.636	57.6	12.9	12.7	8.5	11.6	11.1	10.8	13.7	10.7	13.8	2.24	8.15	3.29	4.07
12-71-68	4.05	13.7	0.99	1.10	1.12	1.15	1.15	.656	77.7	13.6	13.3	9.3	12.5	11.8	11.5	14.5	11.4	14.5	2.26	8.03	3.16	4.26
12-71-69	5.37	17.3	1.00	1.09	1.11	1.13	1.14	.676	104.8	14.3	14.0	10.1	13.4	12.6	12.2	15.4	12.1	15.4	2.29	7.93	3.03	4.35
12-71-70	7.28	23.2	1.00	1.08	1.09	1.11	1.12	.694	144.6	15.4	15.1	11.4	14.8	13.8	13.4	16.8	13.3	16.7	2.31	7.83	2.92	4.22
12-71-71	9.93	30.6	1.00	1.07	1.08	1.11	1.11	.699	192.1	16.0	15.6	12.1	15.6	14.4	14.1	17.5	14.0	17.4	2.32	8.06	2.83	4.27
12-71-72	12.62	37.6	1.00	1.07	1.08	1.10	1.11	.705	241.9	16.4	16.0	12.7	15.3	15.0	14.6	18.1	14.5	18.0	2.32	8.16	2.77	4.34
12-71-73	16.87	47.5	1.01	1.05	1.07	1.09	1.09	.727	335.3	17.9	17.7	14.1	18.0	16.4	16.0	19.8	15.5	19.8	2.35	7.90	2.68	4.09
12-71-74	22.86	58.1	1.01	1.05	1.06	1.08	1.09	.724	433.6	18.9	18.7	15.1	19.2	17.3	16.9	21.0	15.8	20.9	2.35	8.30	2.62	3.84
12-71-75	2.88	23.6	0.96	1.18	1.20	1.25	1.21	.594	47.3	14.4	11.9	9.3	11.0	11.8	11.3	13.4	11.8	13.4	2.17	8.74	3.65	3.60
12-71-76	3.72	31.6	0.98	1.15	1.18	1.22	1.19	.622	64.2	14.8	12.2	9.9	11.6	12.3	11.8	14.0	12.2	13.9	2.21	8.45	3.45	3.96
12-71-77	4.97	43.4	0.99	1.13	1.16	1.19	1.17	.646	88.6	15.1	12.5	10.3	12.1	12.7	12.2	14.4	12.5	14.2	2.25	8.28	3.28	4.47
12-71-78	6.61	58.0	1.00	1.12	1.14	1.17	1.15	.666	120.9	15.8	13.0	11.2	12.9	13.5	13.0	15.2	13.3	15.0	2.27	8.16	3.14	4.65
12-71-79	8.93	76.1	1.00	1.10	1.12	1.16	1.14	.676	161.8	16.3	13.3	11.9	13.6	14.1	13.6	15.5	13.5	15.6	2.28	8.29	3.03	4.77
12-71-80	11.24	93.5	1.00	1.10	1.11	1.15	1.13	.686	204.2	16.9	13.8	12.6	14.4	14.8	14.3	16.6	14.5	16.3	2.30	8.31	2.95	4.81
12-71-81	2.51	19.8	0.95	1.18	1.21	1.26	1.21	.586	41.1	14.3	11.9	9.3	11.1	11.9	11.3	13.5	11.8	13.6	2.16	8.75	3.74	3.29
12-71-82	15.00	121.3	1.01	1.08	1.10	1.13	1.11	.706	281.5	18.0	14.8	13.8	15.8	15.9	15.4	17.5	15.7	17.6	2.32	8.13	2.84	4.67
12-71-83	1.56	4.7	0.92	1.19	1.22	1.26	1.25	.555	25.9	11.0	10.9	6.5	9.5	9.3	8.9	11.6	9.0	11.9	2.12	8.98	3.80	3.73
12-71-84	1.11	6.0	0.85	1.37	1.40	1.47	1.34	.435	13.7	13.6	11.5	9.1	11.1	10.9	10.5	12.8	11.2	13.2	1.89	10.77	4.40	2.56
12-71-85	1.19	3.4	0.90	1.25	1.27	1.32	1.29	.511	18.3	10.6	10.4	5.7	8.7	8.7	8.3	10.5	8.5	11.4	2.04	9.54	4.12	3.49
12-71-86	1.40	8.9	0.88	1.32	1.35	1.42	1.31	.488	19.1	12.9	11.0	7.7	9.7	10.4	9.8	12.0	10.6	12.4	2.00	9.90	4.36	3.14

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	U1/UB	FL/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
15-85- 1	28.53	58.98	.00663	.01317	.0	.0	1.01	3.15	1.00	.706	.0224	.788	172.8	172.8	172.8	172.8	8.70	8.70	2.48	1.24
15-85- 2	23.14	47.41	.00680	.01335	.0	.0	1.02	3.07	1.00	.706	.0225	.785	141.3	141.3	141.3	141.3	8.61	8.61	2.48	1.24
15-85- 3	18.71	37.49	.00684	.01306	.0	.0	1.02	2.89	1.00	.707	.0230	.778	113.2	113.2	113.2	113.2	8.78	8.78	2.48	1.24
15-85- 4	15.07	30.03	.00709	.01341	.0	.0	1.02	2.84	1.00	.707	.0231	.776	92.5	92.5	92.5	92.5	8.61	8.61	2.48	1.24
15-85- 5	12.14	23.79	.00722	.01338	.0	.0	1.02	2.72	1.00	.708	.0234	.770	74.5	74.5	74.5	74.5	8.64	8.64	2.48	1.24
15-85- 6	9.91	19.13	.00737	.01338	.0	.0	1.02	2.61	1.00	.708	.0237	.766	61.0	61.0	61.0	61.0	8.65	8.65	2.48	1.24
15-85- 7	8.47	16.28	.00758	.01366	.0	.0	1.02	2.58	1.00	.709	.0237	.764	52.7	52.7	52.7	52.7	8.51	8.51	2.48	1.24
15-85- 8	7.17	13.62	.00771	.01368	.0	.0	1.02	2.49	1.00	.709	.0240	.760	44.7	44.7	44.7	44.7	8.52	8.52	2.48	1.24
15-85- 9	5.84	11.00	.00797	.01397	.0	.0	1.02	2.44	1.00	.709	.0242	.757	36.9	36.9	36.9	36.9	8.41	8.41	2.48	1.24
15-85-10	4.70	8.63	.00809	.01371	.0	.0	1.03	2.29	1.00	.708	.0247	.749	29.5	29.5	29.5	29.5	8.54	8.54	2.48	1.24
15-85-11	3.56	6.38	.00837	.01374	.0	.0	1.03	2.15	1.00	.707	.0252	.742	22.4	22.4	22.4	22.4	8.55	8.55	2.48	1.24
15-85-12	2.93	5.18	.00860	.01383	.0	.0	1.03	2.08	1.00	.707	.0255	.738	18.5	18.5	18.5	18.5	8.52	8.52	2.48	1.24
15-85-13	2.29	3.88	.00868	.01321	.0	.0	1.04	1.88	1.00	.707	.0264	.725	14.2	14.2	14.2	14.2	8.85	8.85	2.48	1.24
15-85-14	2.20	3.66	.00865	.01245	.0	.0	1.04	1.83	1.00	.707	.0268	.721	13.5	13.5	13.5	13.5	9.05	9.05	2.48	1.24
15-85-15	1.77	2.81	.00867	.01217	.0	.0	1.04	1.65	1.00	.707	.0279	.707	10.6	10.6	10.6	10.6	9.50	9.50	2.48	1.24
15-85-16	1.40	2.16	.00890	.01196	.0	.0	1.05	1.53	1.00	.707	.0286	.698	8.4	8.4	8.4	8.4	9.60	9.60	2.48	1.24
15-85-17	1.16	1.70	.00898	.01136	.0	.0	1.05	1.39	1.00	.707	.0297	.686	6.7	6.7	6.7	6.7	9.97	9.97	2.48	1.24
15-85-18	0.93	1.28	.00907	.01060	.0	.0	1.06	1.24	1.00	.707	.0313	.670	5.3	5.3	5.3	5.3	5.310	5.110	5.1	2.48
15-85-19	0.73	0.95	.00927	.01006	.0	.0	1.06	1.11	1.00	.707	.0329	.656	4.1	4.1	4.1	4.1	4.110	4.210	4.2	1.25
15-85-20	0.59	0.79	.00999	.01106	.0	.0	1.06	1.14	1.00	.707	.0324	.661	3.4	3.4	3.4	3.4	3.410	3.810	1.8	2.48
15-85-21	0.56	0.64	.01008	.01164	.00436	.00386	1.06	1.22	1.35	.703	.0335	.653	3.0	2.0	3.1	2.1	9.88	9.46	2.48	1.29
15-85-22	0.70	0.88	.01008	.01274	.00412	.00366	1.05	1.40	1.34	.704	.0311	.673	3.9	2.6	4.0	2.7	9.21	8.79	2.48	1.27
15-85-23	0.91	1.14	.00940	.01196	.00403	.00357	1.05	1.41	1.34	.704	.0310	.674	4.9	3.3	5.1	3.4	9.66	9.23	2.48	1.25
15-85-24	1.13	1.48	.00909	.01200	.00408	.00359	1.05	1.49	1.32	.704	.0302	.682	6.1	4.1	6.3	4.3	9.63	9.21	2.48	1.24
15-85-25	1.38	1.86	.00895	.01211	.00419	.00368	1.05	1.58	1.31	.704	.0294	.690	7.5	5.2	7.8	5.3	9.56	9.16	2.48	1.24
15-85-26	1.73	2.37	.00849	.01194	.00441	.00388	1.04	1.65	1.32	.703	.0291	.694	9.3	6.4	9.6	6.6	9.68	9.27	2.48	1.23
15-85-27	2.14	3.00	.00822	.01187	.00444	.00389	1.04	1.73	1.30	.703	.0286	.700	11.5	8.0	11.9	8.2	9.73	9.34	2.48	1.23
15-85-28	2.19	3.09	.00824	.01200	.00443	.00389	1.04	1.75	1.31	.704	.0283	.703	11.8	8.1	12.2	8.4	9.58	9.18	2.48	1.23
15-85-29	2.88	4.29	.00803	.01247	.00452	.00398	1.03	1.93	1.32	.704	.0272	.715	15.9	10.8	16.4	11.1	9.29	8.88	2.48	1.23
15-85-30	3.74	5.96	.00805	.01318	.00467	.00410	1.03	2.15	1.31	.705	.0260	.731	21.4	14.5	22.2	15.0	8.87	8.47	2.48	1.23
15-85-31	4.63	7.40	.00770	.01271	.00458	.00404	1.03	2.19	1.32	.705	.0259	.732	26.0	17.2	26.9	17.8	9.10	8.68	2.48	1.23
15-85-32	5.59	8.91	.00734	.01205	.00449	.00396	1.03	2.16	1.32	.706	.0260	.731	30.6	20.2	31.7	21.0	9.47	9.03	2.48	1.23
15-85-33	7.18	12.27	.00741	.01293	.00451	.00396	1.02	2.42	1.31	.706	.0249	.747	41.2	27.4	42.6	28.3	8.93	8.52	2.48	1.23
15-85-34	8.39	14.50	.00727	.01285	.00442	.00399	1.02	2.48	1.32	.705	.0247	.750	47.9	31.3	49.6	32.4	8.96	8.53	2.48	1.23
15-85-35	9.62	16.68	.00708	.01257	.00436	.00385	1.02	2.50	1.33	.705	.0246	.751	54.3	35.2	56.3	36.5	9.11	8.66	2.48	1.23
15-85-36	11.98	21.35	.00694	.01259	.00428	.00377	1.02	2.61	1.31	.705	.0242	.758	68.1	44.6	70.5	46.2	9.07	8.63	2.48	1.23
15-85-37	14.97	27.05	.00672	.01234	.00420	.00369	1.02	2.68	1.31	.705	.0240	.761	84.4	55.4	87.4	57.4	9.19	8.75	2.48	1.23
15-85-38	18.60	34.45	.00660	.01239	.00408	.00357	1.02	2.80	1.30	.704	.0236	.767	105.4	69.4	109.2	71.9	9.14	8.71	2.48	1.24
15-85-39	21.91	41.27	.00651	.01241	.00396	.00347	1.02	2.89	1.30	.704	.0234	.771	124.5	82.2	128.9	85.1	9.12	8.68	2.48	1.24
15-85-40	27.09	52.37	.00645	.01258	.00382	.00334	1.02	3.04	1.29	.704	.0230	.778	155.5	103.1	160.9	106.7	9.00	8.58	2.48	1.24
15-85-41	2.25	2.45	.00753	.01066	.00350	.00356	1.03	1.64	1.84	.700	.0311	.675	10.0	4.4	10.7	4.8	10.56	9.64	2.48	1.21
15-85-42	2.78	3.22	.00747	.01118	.00364	.00368	1.03	1.79	1.83	.701	.0298	.687	12.7	5.7	13.6	6.1	10.17	9.27	2.48	1.21
15-85-43	3.38	3.92	.00720	.01096	.00372	.00376	1.03	1.84	1.83	.701	.0296	.690	15.2	6.8	16.3	7.3	10.31	9.40	2.48	1.21
15-85-44	4.32	5.36	.00719	.01164	.00387	.00392	1.02	2.05	1.83	.701	.0282	.704	20.2	8.9	21.6	9.5	9.84	8.94	2.48	1.21
15-85-45	5.39	6.89	.00699	.01165	.00393	.00398	1.02	2.16	1.83	.702	.0277	.711	25.3	11.1	27.1	11.9	9.80	8.90	2.48	1.21
15-85-46	6.74	9.30	.00693	.01204	.00393	.00401	1.02	2.31	1.81	.702	.0267	.724	33.0	14.3	35.4	15.4	9.53	8.63	2.48	1.22
15-85-47	8.02	11.34	.00631	.01186	.00394	.00397	1.02	2.36	1.81	.702	.0264	.727	39.4	16.9	42.3	18.1	9.61	8.70	2.48	1.22
15-85-48	8.95	12.91	.00676	.01190	.00393	.00397	1.02	2.42	1.82	.701	.0261	.731	44.2	18.8	47.6	20.2	9.57	8.65	2.48	1.22
15-85-49	11.54	17.48	.00662	.01192	.00390	.00392	1.02	2.54	1.80	.701	.0255	.740	58.1	24.5	62.5	26.4	9.52	8.60	2.48	1.22
15-85-50	14.46	22.00	.00634	.01144	.00383	.00387	1.02	2.55	1.82	.702	.0254	.740	71.4	29.7	77.0	32.0	9.81	8.85	2.48	1.22

RUN NO.	RE*E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	STIF /	A1/AB	H+	G+	GPRI	G*	3*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP	
15-85-	1	28.53	0.0	0.0	0.0	0.0	0.0	.621	172.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.98	12.32			
15-85-	2	23.14	0.0	0.0	0.0	0.0	0.0	.616	141.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.97	12.24			
15-85-	3	18.71	0.0	0.0	0.0	0.0	0.0	.605	113.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.95	12.37			
15-85-	4	15.07	0.0	0.0	0.0	0.0	0.0	.602	92.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.94	12.21			
15-85-	5	12.14	0.0	0.0	0.0	0.0	0.0	.593	74.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.93	12.23			
15-85-	6	9.91	0.0	0.0	0.0	0.0	0.0	.586	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.91	12.23			
15-85-	7	8.47	0.0	0.0	0.0	0.0	0.0	.584	52.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.91	12.10			
15-85-	8	7.17	0.0	0.0	0.0	0.0	0.0	.578	44.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.90	12.09			
15-85-	9	5.84	0.0	0.0	0.0	0.0	0.0	.573	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.89	11.96			
15-85-	10	4.70	0.0	0.0	0.0	0.0	0.0	.562	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.87	12.08			
15-85-	11	3.56	0.0	0.0	0.0	0.0	0.0	.551	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.85	12.07			
15-85-	12	2.93	0.0	0.0	0.0	0.0	0.0	.544	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.83	12.03			
15-85-	13	2.29	0.0	0.0	0.0	0.0	0.0	.526	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.79	12.30			
15-85-	14	2.20	0.0	0.0	0.0	0.0	0.0	.519	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.78	12.43			
15-85-	15	1.77	0.0	0.0	0.0	0.0	0.0	.500	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.73	12.82			
15-85-	16	1.40	0.0	0.0	0.0	0.0	0.0	.487	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.70	12.93			
15-85-	17	1.16	0.0	0.0	0.0	0.0	0.0	.471	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.66	13.27			
15-85-	18	0.93	0.0	0.0	0.0	0.0	0.0	.449	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.60	13.74			
15-85-	19	0.73	0.0	0.0	0.0	0.0	0.0	.431	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.55	14.10			
15-85-	20	0.59	0.0	0.0	0.0	0.0	0.0	.436	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.57	13.45			
15-85-	21	0.56	1.0	1.03	1.29	1.35	1.52	1.26	.330	3.0	14.7	14.0	3.4	6.5	9.7	8.2	10.5	10.6	13.5	2.53	13.11	4.40	1.63
15-85-	22	0.70	1.1	1.02	1.23	1.28	1.42	1.20	.362	3.9	16.5	15.7	5.3	8.7	11.9	10.4	13.0	12.7	16.1	2.61	12.53	4.40	1.21
15-85-	23	0.91	1.4	1.02	1.23	1.28	1.43	1.21	.364	4.9	16.3	15.6	5.1	8.5	11.7	10.2	12.9	12.6	15.9	2.62	12.93	4.40	1.32
15-85-	24	1.13	1.7	1.02	1.22	1.28	1.42	1.20	.377	6.1	16.2	15.6	4.9	8.3	11.7	10.2	12.8	12.5	15.8	2.64	12.91	4.40	1.47
15-85-	25	1.38	2.1	1.02	1.22	1.26	1.42	1.20	.389	7.5	15.8	15.3	4.3	7.7	11.5	9.8	12.4	12.1	15.4	2.67	12.85	4.40	1.72
15-85-	26	1.73	2.8	1.02	1.24	1.28	1.47	1.22	.396	9.3	14.6	14.2	3.1	5.3	10.4	8.7	11.1	11.0	14.1	2.69	12.94	4.40	2.38
15-85-	27	2.14	3.3	1.02	1.24	1.27	1.47	1.22	.405	11.5	14.4	14.0	2.9	6.1	10.3	8.6	11.0	10.9	14.0	2.71	12.98	4.40	2.69
15-85-	28	2.19	3.4	1.02	1.23	1.27	1.45	1.21	.409	11.8	14.5	14.1	3.1	6.3	10.5	8.7	11.2	11.1	14.2	2.72	12.91	4.40	2.58
15-85-	29	2.88	4.6	1.02	1.21	1.24	1.43	1.20	.430	15.9	14.4	13.9	3.3	5.4	10.7	8.8	11.3	11.1	14.2	2.76	12.66	4.31	2.93
15-85-	30	3.74	6.0	1.01	1.18	1.21	1.37	1.19	.456	21.4	14.1	13.7	4.2	7.4	10.9	9.2	11.8	11.1	14.2	2.81	12.32	3.99	3.22
15-85-	31	4.63	7.6	1.01	1.17	1.20	1.36	1.19	.459	26.0	14.1	13.6	4.7	7.8	11.1	9.4	12.0	11.2	14.2	2.81	12.54	3.83	3.42
15-85-	32	5.59	8.7	1.01	1.17	1.20	1.34	1.19	.457	30.6	14.0	13.5	5.1	8.2	11.0	9.4	12.0	11.1	14.1	2.81	12.88	3.70	3.64
15-85-	33	7.18	10.8	1.01	1.14	1.16	1.29	1.17	.485	41.2	14.5	14.0	6.3	9.5	11.8	10.3	13.1	11.7	14.9	2.86	12.44	3.49	3.61
15-85-	34	8.39	13.0	1.01	1.13	1.15	1.28	1.16	.490	47.9	14.8	14.2	6.9	10.1	12.2	10.7	13.5	12.1	15.3	2.87	12.47	3.41	3.61
15-85-	35	9.62	14.9	1.01	1.13	1.15	1.27	1.16	.492	54.3	14.9	14.3	7.1	10.3	12.3	10.8	13.6	12.1	15.3	2.87	12.62	3.34	3.73
15-85-	36	11.98	17.7	1.01	1.11	1.14	1.25	1.15	.503	68.1	15.2	14.7	7.8	11.2	12.7	11.3	14.3	12.5	15.8	2.89	12.60	3.22	3.77
15-85-	37	14.97	21.6	1.01	1.11	1.13	1.23	1.15	.509	84.4	15.3	14.9	8.3	11.7	13.0	11.6	14.6	12.7	16.1	2.90	12.73	3.12	3.89
15-85-	38	18.60	25.7	1.01	1.09	1.12	1.21	1.14	.520	105.4	15.8	15.4	9.2	12.8	13.7	12.3	15.5	13.4	16.9	2.92	12.70	3.03	3.77
15-85-	39	21.91	29.4	1.01	1.09	1.11	1.20	1.13	.527	124.5	16.4	16.0	10.0	13.7	14.3	13.0	16.4	14.0	17.6	2.93	12.70	2.97	3.62
15-85-	40	27.09	34.4	1.01	1.08	1.09	1.18	1.12	.540	155.5	17.2	16.9	11.1	15.0	15.3	14.0	17.5	14.9	18.7	2.95	12.61	2.89	3.40
15-85-	41	2.25	8.4	0.98	1.32	1.38	1.59	1.27	.364	10.0	17.3	13.3	6.5	7.7	12.0	10.1	11.8	13.3	14.4	2.61	13.70	4.40	2.07
15-85-	42	2.78	10.4	0.97	1.31	1.37	1.57	1.26	.384	12.7	16.9	13.1	6.1	7.3	11.9	9.5	11.7	13.1	14.3	2.66	13.37	4.40	2.39
15-85-	43	3.38	12.9	0.97	1.32	1.38	1.60	1.27	.388	15.2	16.3	12.6	5.4	6.6	11.2	9.3	11.0	12.5	13.6	2.67	13.51	4.40	2.91
15-85-	44	4.32	17.1	0.98	1.31	1.35	1.59	1.26	.412	20.2	16.1	12.4	5.1	6.3	11.3	9.2	10.9	12.4	13.5	2.72	13.11	4.40	3.39
15-85-	45	5.39	21.1	0.98	1.30	1.34	1.57	1.26	.422	25.3	15.8	12.2	5.1	6.3	11.2	9.1	10.7	12.1	13.2	2.74	13.10	4.28	3.88
15-85-	46	6.74	26.0	0.99	1.25	1.29	1.49	1.23	.444	33.0	15.9	12.4	6.1	7.4	11.7	9.7	11.5	12.5	13.7	2.78	12.89	4.00	3.95
15-85-	47	8.02	30.8	0.99	1.23	1.27	1.46	1.22	.450	39.4	16.0	12.4	6.7	8.0	12.0	10.0	11.8	12.6	13.9	2.79	12.99	3.85	4.05
15-85-	48	8.95	34.6	0.99	1.22	1.26	1.44	1.21	.457	44.2	16.1	12.5	7.1	8.4	12.2	10.2	12.0	12.7	14.0	2.81	12.97	3.76	4.11
15-85-	49	11.54	43.6	0.99	1.19	1.23	1.39	1.20	.471	58.1	16.2	12.7	7.9	9.3	12.7	10.8	12.6	13.1	14.4	2.83	12.95	3.56	4.23
15-85-	50	14.46	54.1	1.00	1.19	1.22	1.38	1.20	.472	71.4	16.2	12.6	8.3	9.6	12.7	10.9	12.7	13.0	14.3	2.83	13.22	3.44	4.53

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
15-85- 51	18.08	28.56	.00622	.01145	.00374	.00378	1.02	2.66	1.82	.702	.0250	.747	90.3	37.1	97.5	40.0	9.77	8.80	2.48	1.22
15-85- 52	22.65	37.54	.00620	.01178	.00368	.00371	1.01	2.84	1.81	.701	.0243	.757	116.4	47.6	125.7	51.4	9.54	8.58	2.48	1.23
15-85- 53	26.60	44.91	.00609	.01169	.00358	.00361	1.01	2.90	1.81	.701	.0241	.761	137.1	55.6	148.0	60.0	9.58	8.61	2.48	1.23
15-85- 54	2.16	2.35	.00764	.01091	.00346	.00355	1.03	1.66	1.88	.702	.0312	.675	9.6	4.2	10.4	4.5	10.47	9.53	2.48	1.21
15-85- 55	1.72	1.85	.00797	.01101	.00337	.00344	1.04	1.58	1.86	.701	.0317	.670	7.8	3.4	8.3	3.6	10.42	9.50	2.48	1.21
15-85- 56	1.35	1.41	.00830	.01111	.00329	.00335	1.04	1.49	1.85	.700	.0330	.661	6.1	2.7	6.6	2.9	10.60	9.68	2.48	1.22
15-85- 57	1.12	1.07	.00826	.01030	.00322	.00327	1.05	1.34	1.84	.699	.0354	.645	4.8	2.2	5.2	2.3	11.38	10.47	2.51	1.22
15-85- 58	0.90	0.87	.00881	.01097	.00328	.00331	1.05	1.33	1.82	.699	.0360	.643	4.0	1.8	4.3	2.0	11.10	10.23	2.50	1.24
15-70- 61	17.90	34.61	.00759	.01404	.0	.0	1.02	3.02	1.00	.707	.0303	.826	156.3	156.3	156.3	156.3	8.89	8.89	2.47	1.16
15-70- 62	14.28	27.20	.00773	.01404	.0	.0	1.02	2.89	1.00	.707	.0305	.821	124.8	124.8	124.8	124.8	8.91	8.91	2.47	1.16
15-70- 63	11.22	21.22	.00802	.01439	.0	.0	1.02	2.82	1.00	.708	.0308	.819	99.4	99.4	99.4	99.4	8.77	8.77	2.47	1.16
15-70- 64	9.29	17.39	.00818	.01450	.0	.0	1.02	2.73	1.00	.708	.0311	.816	82.7	82.7	82.7	82.7	8.74	8.74	2.47	1.16
15-70- 65	7.92	14.63	.00828	.01443	.0	.0	1.02	2.63	1.00	.709	.0315	.812	70.4	70.4	70.4	70.4	8.79	8.79	2.47	1.16
15-70- 66	6.54	12.02	.00855	.01477	.0	.0	1.02	2.58	1.00	.709	.0315	.810	58.9	58.9	58.9	58.9	8.66	8.66	2.47	1.16
15-70- 67	5.16	9.21	.00872	.01471	.0	.0	1.02	2.44	1.00	.710	.0327	.801	46.2	46.2	46.2	46.2	8.99	8.99	2.47	1.15
15-70- 68	4.37	7.75	.00886	.01467	.0	.0	1.02	2.35	1.00	.710	.0327	.799	39.3	39.3	39.3	39.3	8.81	8.81	2.47	1.15
15-70- 69	3.75	6.61	.00907	.01488	.0	.0	1.03	2.30	1.00	.709	.0329	.797	34.0	34.0	34.0	34.0	8.73	8.73	2.47	1.15
15-70- 70	2.98	5.12	.00923	.01466	.0	.0	1.03	2.16	1.00	.709	.0336	.790	26.9	26.9	26.9	26.9	8.87	8.87	2.47	1.15
15-70- 71	2.54	4.31	.00940	.01468	.0	.0	1.03	2.08	1.00	.709	.0341	.785	23.0	23.0	23.0	23.0	8.95	8.95	2.47	1.15
15-70- 72	2.08	3.42	.00950	.01432	.0	.0	1.03	1.94	1.00	.709	.0350	.778	18.6	18.6	18.6	18.6	9.15	9.15	2.47	1.15
15-70- 73	1.71	2.75	.00967	.01414	.0	.0	1.04	1.84	1.00	.709	.0357	.771	15.2	15.2	15.2	15.2	9.26	9.26	2.47	1.15
15-70- 74	1.38	2.10	.00952	.01298	.0	.0	1.04	1.62	1.00	.709	.0377	.755	11.8	11.8	11.8	11.8	9.98	9.98	2.48	1.13
15-70- 75	1.97	2.82	.00935	.01421	.00470	.00416	1.04	1.96	1.33	.704	.0372	.763	16.0	10.6	16.6	11.0	9.64	9.23	2.48	1.13
15-70- 76	2.42	3.65	.00928	.01455	.00475	.00421	1.03	2.10	1.33	.704	.0355	.775	20.2	13.3	20.9	13.8	9.15	8.74	2.47	1.14
15-70- 77	1.52	1.79	.00893	.01272	.00351	.00356	1.04	1.72	1.78	.697	.0409	.738	10.8	4.8	11.6	5.2	10.40	9.56	2.49	1.11
15-70- 78	1.32	2.14	.00863	.01246	.00371	.00375	1.03	1.77	1.77	.697	.0400	.741	12.7	5.7	13.6	6.1	10.32	9.49	2.48	1.11
15-70- 79	2.28	2.67	.00816	.01187	.00393	.00396	1.03	1.79	1.76	.698	.0394	.743	15.4	7.2	16.4	7.6	10.46	9.64	2.48	1.11
15-70- 80	2.87	4.47	.00920	.01481	.00477	.00423	1.03	2.22	1.33	.704	.0346	.782	24.3	15.9	25.2	16.4	8.93	8.52	2.47	1.14
15-70- 81	3.58	5.60	.00871	.01402	.00470	.00419	1.03	2.22	1.34	.704	.0343	.784	29.6	19.0	30.7	19.7	9.13	8.69	2.47	1.14
15-70- 82	4.21	6.71	.00853	.01391	.00467	.00416	1.03	2.28	1.34	.704	.0339	.788	34.8	22.4	36.1	23.2	9.14	8.70	2.47	1.14
15-70- 83	4.95	8.00	.00837	.01383	.00468	.00416	1.02	2.35	1.33	.705	.0335	.791	40.8	26.3	42.4	27.3	9.16	8.73	2.47	1.14
15-70- 84	6.34	10.49	.00815	.01378	.00458	.00408	1.02	2.46	1.34	.705	.0330	.797	52.3	33.3	54.3	34.6	9.16	8.71	2.47	1.14
15-70- 85	7.80	13.18	.00802	.01385	.00448	.00400	1.02	2.58	1.35	.705	.0324	.802	64.7	40.4	67.2	42.0	9.10	8.63	2.47	1.15
15-70- 86	9.32	15.99	.00734	.01368	.00435	.00388	1.02	2.65	1.34	.705	.0322	.805	77.1	48.4	80.1	50.3	9.16	8.70	2.47	1.15
15-70- 87	11.31	19.63	.00766	.01355	.00428	.00382	1.02	2.72	1.35	.705	.0319	.808	93.0	57.7	96.8	60.1	9.21	8.73	2.47	1.15
15-70- 88	2.70	3.34	.00822	.01252	.00398	.00402	1.03	1.95	1.77	.698	.0378	.754	18.9	8.6	20.2	9.2	9.99	9.16	2.48	1.12
15-70- 89	3.42	4.41	.00808	.01276	.00410	.00414	1.02	2.10	1.76	.699	.0368	.763	24.3	11.0	26.0	11.8	9.83	9.01	2.48	1.12
15-70- 90	4.01	5.36	.00801	.01291	.00412	.00415	1.02	2.19	1.76	.699	.0361	.769	29.0	12.9	31.0	13.9	9.73	8.90	2.48	1.13
15-70- 91	4.73	6.50	.00791	.01297	.00413	.00417	1.02	2.27	1.77	.699	.0355	.774	34.5	15.2	37.0	16.3	9.67	8.93	2.47	1.13
15-70- 92	5.90	8.30	.00766	.01271	.00403	.00409	1.02	2.33	1.78	.699	.0350	.778	42.9	18.5	46.1	19.9	9.78	8.91	2.47	1.13
15-70- 93	7.29	10.72	.00763	.01302	.00403	.00410	1.02	2.48	1.78	.700	.0341	.786	54.3	23.1	58.4	24.9	9.58	8.71	2.47	1.13
15-70- 94	8.73	13.06	.00745	.01281	.00408	.00413	1.02	2.53	1.76	.700	.0338	.789	64.9	27.9	69.8	30.0	9.67	8.80	2.47	1.13
15-70- 95	10.70	15.98	.00713	.01227	.00398	.00406	1.02	2.53	1.79	.700	.0338	.789	77.8	32.5	83.8	35.1	9.95	9.03	2.47	1.13
15-70- 96	13.89	24.56	.00745	.01332	.00420	.00371	1.02	2.79	1.32	.704	.0316	.811	114.0	73.5	118.3	76.2	9.30	8.85	2.47	1.15
15-70- 97	17.26	31.16	.00732	.01330	.00404	.00355	1.02	2.90	1.31	.704	.0311	.816	142.1	92.6	147.3	96.0	9.28	8.85	2.47	1.15
15-70- 98	23.88	44.09	.00709	.01316	.00383	.00337	1.01	3.05	1.30	.703	.0307	.822	195.9	127.7	203.1	132.4	9.33	8.89	2.47	1.15
15-70- 99	13.38	20.87	.00703	.01236	.00392	.00395	1.02	2.65	1.76	.699	.0331	.796	99.2	42.2	106.7	45.4	9.87	8.97	2.47	1.14
15-70-100	17.07	27.50	.00690	.01234	.00381	.00382	1.01	2.77	1.74	.699	.0325	.802	127.7	54.4	137.4	58.5	9.85	8.95	2.47	1.14

RUN NO.	RE#E4	Q<KW/M2>	ST+/ ST#/ STI#/ STT#/ STIF/ A1/AB	H+	G+	GPRI	G*	S*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP						
15-85-	51	18.08	66.4	1.00	1.17	1.20	1.35	1.18	.484	90.3	16.7	13.0	9.2	10.5	13.4	11.5	13.4	13.6	15.0	2.85	13.22	3.31	4.46
15-85-	52	22.65	81.7	1.00	1.15	1.18	1.31	1.17	.502	116.4	17.2	13.5	10.1	11.7	14.1	12.4	14.4	14.3	15.8	2.88	13.03	3.19	4.33
15-85-	53	26.60	93.6	1.00	1.14	1.17	1.29	1.16	.508	137.1	17.7	13.9	10.9	12.4	14.7	13.0	15.0	14.9	16.4	2.89	13.08	3.12	4.20
15-85-	54	2.16	7.4	0.96	1.33	1.36	1.59	1.27	.364	9.6	17.4	13.3	6.9	7.9	12.5	10.4	12.1	13.7	14.7	2.61	13.54	4.40	1.98
15-85-	55	1.72	6.1	0.96	1.31	1.36	1.56	1.25	.357	7.8	18.0	13.9	7.7	8.9	13.1	11.1	12.9	14.4	15.5	2.59	13.48	4.40	1.60
15-85-	56	1.35	4.8	0.96	1.33	1.37	1.57	1.26	.343	6.1	18.5	14.3	8.4	9.6	13.5	11.6	13.5	14.8	16.0	2.55	13.42	4.40	1.47
15-85-	57	1.12	3.9	0.95	1.38	1.45	1.63	1.29	.318	4.8	18.2	14.0	8.2	9.4	12.7	11.2	13.1	14.3	15.5	2.48	13.94	4.40	1.69
15-85-	58	0.90	3.2	0.94	1.40	1.52	1.66	1.29	.316	4.0	18.2	14.2	8.5	9.8	12.5	11.6	13.5	14.5	15.8	2.47	13.50	4.40	1.94
15-70-	61	17.90	0.0	0.0	0.0	0.0	0.0	0.0	.629	156.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.64	11.93		
15-70-	62	14.28	0.0	0.0	0.0	0.0	0.0	0.0	.620	124.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.63	11.94		
15-70-	63	11.22	0.0	0.0	0.0	0.0	0.0	0.0	.615	99.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.62	11.79		
15-70-	64	9.29	0.0	0.0	0.0	0.0	0.0	0.0	.609	82.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.61	11.75		
15-70-	65	7.92	0.0	0.0	0.0	0.0	0.0	0.0	.602	70.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.60	11.77		
15-70-	66	6.54	0.0	0.0	0.0	0.0	0.0	0.0	.598	58.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.59	11.64		
15-70-	67	5.16	0.0	0.0	0.0	0.0	0.0	0.0	.581	46.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.56	11.66		
15-70-	68	4.37	0.0	0.0	0.0	0.0	0.0	0.0	.578	39.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.56	11.68		
15-70-	69	3.75	0.0	0.0	0.0	0.0	0.0	0.0	.574	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.55	11.59		
15-70-	70	2.98	0.0	0.0	0.0	0.0	0.0	0.0	.561	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.53	11.68		
15-70-	71	2.54	0.0	0.0	0.0	0.0	0.0	0.0	.552	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.51	11.67		
15-70-	72	2.08	0.0	0.0	0.0	0.0	0.0	0.0	.538	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.48	11.82		
15-70-	73	1.71	0.0	0.0	0.0	0.0	0.0	0.0	.527	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.46	11.89		
15-70-	74	1.38	0.0	0.0	0.0	0.0	0.0	0.0	.499	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.40	12.41		
15-70-	75	1.97	4.7	1.05	1.22	1.24	1.39	1.23	.472	16.0	15.9	15.3	5.2	8.2	11.7	10.4	12.9	11.8	14.8	2.42	11.86	4.27	2.81
15-70-	76	2.42	5.9	1.06	1.18	1.19	1.33	1.21	.494	20.2	16.1	15.4	5.9	8.9	12.2	10.8	13.4	12.1	15.1	2.47	11.72	4.09	2.61
15-70-	77	1.52	7.5	1.01	1.26	1.30	1.44	1.24	.422	10.8	20.2	16.0	9.7	11.1	14.8	13.4	15.4	15.7	17.0	2.32	12.54	4.40	1.40
15-70-	78	1.82	9.4	1.02	1.27	1.31	1.46	1.25	.429	12.7	18.9	15.0	8.3	9.6	13.6	12.1	13.9	14.4	15.6	2.34	12.67	4.40	1.76
15-70-	79	2.28	12.2	1.02	1.29	1.33	1.50	1.27	.432	15.4	17.4	13.9	6.7	7.9	12.2	10.6	12.4	12.8	13.9	2.35	12.98	4.40	2.48
15-70-	80	2.87	7.0	1.06	1.15	1.17	1.29	1.19	.509	24.3	16.2	15.5	6.5	9.6	12.5	11.2	13.8	12.3	15.3	2.50	11.62	3.91	2.63
15-70-	81	3.58	8.9	1.06	1.14	1.16	1.28	1.19	.512	29.6	16.0	15.3	6.8	9.8	12.5	11.1	13.7	12.1	15.1	2.51	11.94	3.75	2.82
15-70-	82	4.21	10.2	1.06	1.13	1.15	1.26	1.19	.519	34.8	16.0	15.3	7.2	10.2	12.6	11.3	14.0	12.2	15.2	2.52	11.99	3.62	2.92
15-70-	83	4.95	11.9	1.06	1.13	1.15	1.25	1.18	.526	40.8	15.9	15.3	7.4	10.5	12.6	11.4	14.1	12.1	15.1	2.53	12.02	3.51	3.12
15-70-	84	6.34	15.0	1.05	1.11	1.13	1.23	1.17	.537	52.3	16.2	15.5	8.2	11.3	13.1	11.9	14.6	12.5	15.6	2.55	12.05	3.37	3.20
15-70-	85	7.80	18.3	1.06	1.11	1.12	1.21	1.16	.548	64.7	16.7	15.8	8.9	12.0	13.6	12.4	15.3	13.1	16.1	2.56	12.01	3.27	3.20
15-70-	86	9.32	21.1	1.05	1.10	1.11	1.19	1.15	.554	77.1	17.1	16.3	9.6	12.8	14.1	13.0	15.9	13.5	16.7	2.57	12.09	3.18	3.14
15-70-	87	11.31	26.0	1.05	1.09	1.11	1.19	1.15	.561	93.0	17.2	16.3	10.1	13.3	14.4	13.3	16.2	13.8	16.9	2.58	12.15	3.10	3.24
15-70-	88	2.70	14.6	1.02	1.26	1.30	1.46	1.25	.454	18.9	17.7	14.1	7.0	8.1	12.7	11.0	12.7	13.2	14.3	2.40	12.64	4.40	2.48
15-70-	89	3.42	18.5	1.03	1.25	1.28	1.45	1.25	.470	24.3	17.3	13.8	6.8	8.0	12.5	10.8	12.5	12.9	14.0	2.43	12.52	4.29	2.89
15-70-	90	4.01	21.9	1.02	1.23	1.26	1.41	1.24	.481	29.0	17.2	13.7	7.4	8.6	12.8	11.1	12.9	13.0	14.2	2.45	12.45	4.10	2.99
15-70-	91	4.73	26.2	1.03	1.21	1.24	1.39	1.23	.492	34.5	17.3	13.8	7.8	9.0	13.0	11.3	13.1	13.1	14.3	2.47	12.42	3.94	3.14
15-70-	92	5.90	32.4	1.03	1.19	1.22	1.36	1.22	.499	42.9	17.7	14.0	8.6	9.8	13.4	11.8	13.6	13.5	14.6	2.48	12.55	3.77	3.18
15-70-	93	7.29	39.5	1.04	1.17	1.20	1.32	1.20	.516	54.3	18.0	14.2	9.3	10.5	13.9	12.3	14.1	13.8	15.0	2.51	12.39	3.60	3.28
15-70-	94	8.73	47.2	1.04	1.16	1.19	1.31	1.20	.522	64.9	17.5	13.9	9.3	10.5	13.7	12.1	13.9	13.5	14.7	2.52	12.49	3.48	3.66
15-70-	95	10.70	58.5	1.04	1.16	1.18	1.33	1.20	.522	77.8	17.6	13.8	9.6	10.7	13.8	12.3	14.0	13.6	14.7	2.52	12.77	3.39	3.85
15-70-	96	13.89	29.1	1.04	1.08	1.10	1.17	1.14	.563	114.0	17.3	16.8	10.5	14.0	14.7	13.6	16.8	14.0	17.4	2.60	12.25	3.01	3.27
15-70-	97	17.26	33.7	1.04	1.07	1.09	1.15	1.13	.577	142.1	18.1	17.6	11.5	15.2	15.6	14.5	17.9	14.8	18.4	2.61	12.26	2.93	3.09
15-70-	98	23.88	44.2	1.04	1.06	1.08	1.14	1.12	.589	195.9	18.9	18.5	12.8	15.6	16.6	15.6	19.1	15.9	19.7	2.63	12.33	2.82	2.97
15-70-	99	13.38	71.2	1.04	1.14	1.16	1.27	1.18	.535	99.2	17.9	14.3	10.4	11.8	14.4	12.9	14.8	14.1	15.4	2.54	12.72	3.25	3.79
15-70-	100	17.07	86.7	1.04	1.12	1.14	1.24	1.17	.548	127.7	18.5	14.8	11.3	12.8	15.1	13.7	15.7	14.8	16.2	2.56	12.73	3.13	3.69

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
15-70-101	22.01	36.35	.00671	.01216	.00370	.00370	1.01	2.85	1.73	.698	.0321	.807	164.8	70.4	177.2	75.7	9.93	9.02	2.47	1.14
15-50-102	15.44	28.81	.01059	.01911	.0	.0	1.01	3.70	1.00	.711	.0571	.914	331.4	331.4	331.4	331.4	8.46	8.46	2.45	0.91
15-50-103	12.67	23.48	.01079	.01928	.0	.0	1.01	3.59	1.00	.711	.0575	.912	273.3	273.3	273.3	273.3	8.42	8.42	2.45	0.91
15-50-104	9.63	17.69	.01109	.01958	.0	.0	1.01	3.45	1.00	.710	.0580	.910	209.7	209.7	209.7	209.7	8.36	8.36	2.45	0.91
15-50-105	26.37	50.09	.01014	.01874	.0	.0	1.01	4.03	1.00	.705	.0562	.918	559.0	559.0	559.0	559.0	8.54	8.54	2.45	0.92
15-50-106	19.48	36.69	.01045	.01910	.0	.0	1.01	3.87	1.00	.704	.0566	.916	417.2	417.2	417.2	417.2	8.45	8.45	2.45	0.92
15-50-107	15.26	28.48	.01062	.01916	.0	.0	1.01	3.70	1.00	.704	.0571	.914	327.8	327.8	327.8	327.8	8.45	8.45	2.45	0.91
15-50-108	11.98	22.20	.01092	.01951	.0	.0	1.01	3.59	1.00	.704	.0575	.912	259.8	259.8	259.8	259.8	8.36	8.36	2.45	0.91
15-50-109	8.99	16.48	.01118	.01967	.0	.0	1.01	3.41	1.00	.704	.0581	.909	196.2	196.2	196.2	196.2	8.34	8.34	2.45	0.91
15-50-110	6.76	12.29	.01159	.02016	.0	.0	1.01	3.29	1.00	.710	.0586	.907	149.6	149.6	149.6	149.6	8.22	8.22	2.45	0.91
15-50-111	5.04	9.32	.01180	.02011	.0	.0	1.02	3.08	1.00	.710	.0594	.903	111.5	111.5	111.5	111.5	8.26	8.26	2.45	0.90
15-50-112	3.88	6.85	.01202	.02007	.0	.0	1.02	2.91	1.00	.710	.0603	.900	86.0	86.0	86.0	86.0	8.29	8.29	2.45	0.90
15-50-113	3.08	5.41	.01246	.02062	.0	.0	1.02	2.83	1.00	.709	.0606	.898	69.3	69.3	69.3	69.3	8.16	8.16	2.45	0.90
15-50-114	2.48	4.32	.01294	.02121	.0	.0	1.02	2.76	1.00	.710	.0610	.897	56.5	56.5	56.5	56.5	8.02	8.02	2.45	0.90
15-50-115	2.00	3.48	.01357	.02216	.0	.0	1.02	2.72	1.00	.710	.0611	.896	46.7	46.7	46.7	46.7	7.82	7.82	2.45	0.90
15-50-116	1.60	2.74	.01399	.02228	.0	.0	1.02	2.59	1.00	.709	.0619	.893	37.4	37.4	37.4	37.4	7.91	7.81	2.46	0.90
15-50-117	1.28	2.18	.01447	.02296	.0	.0	1.03	2.52	1.00	.709	.0623	.891	30.4	30.4	30.4	30.4	7.68	7.68	2.46	0.90
15-50-118	1.02	1.71	.01491	.02325	.0	.0	1.03	2.41	1.00	.709	.0631	.888	24.4	24.4	24.4	24.4	7.64	7.64	2.46	0.90
15-50-119	0.84	1.39	.01518	.02322	.0	.0	1.03	2.29	1.00	.709	.0640	.885	20.1	20.1	20.1	20.1	7.69	7.69	2.46	0.89
15-50-120	0.31	0.37	.01149	.01136	.0	.0	1.07	0.96	1.00	.707	.0873	.820	5.4	5.4	5.4	5.4	16.12	16.12	2.54	0.78
15-50-121	0.24	0.28	.01144	.01055	.0	.0	1.08	0.86	1.00	.707	.0917	.811	4.0	4.0	4.0	4.0	12.77	12.77	2.64	0.78
15-50-122	0.19	0.23	.01341	.01306	.0	.0	1.08	0.93	1.00	.707	.0881	.818	3.6	3.6	3.6	3.6	11.25	11.25	2.53	0.82
15-50-123	0.15	0.20	.01686	.01879	.0	.0	1.07	1.17	1.00	.709	.0795	.837	3.3	3.3	3.3	3.3	8.94	8.94	2.48	0.89
15-50-124	0.12	0.17	.01878	.02166	.0	.0	1.06	1.24	1.00	.709	.0778	.842	2.9	2.9	2.9	2.9	8.20	8.20	2.49	0.93
15-50-125	0.10	0.15	.02312	.02936	.0	.0	1.06	1.50	1.00	.708	.0728	.856	2.8	2.8	2.8	2.8	6.71	6.71	2.46	0.98
15-50-126	0.08	0.12	.02819	.03836	.0	.0	1.05	1.72	1.00	.708	.0696	.866	2.5	2.5	2.5	2.5	5.56	5.56	2.46	1.03
15-50-127	0.87	1.40	.01404	.02069	.0	.0	1.03	2.09	1.00	.709	.0656	.879	19.7	19.7	19.7	19.7	8.25	8.25	2.46	0.88
15-50-128	0.70	1.10	.01404	.01993	.0	.0	1.04	1.91	1.00	.709	.0673	.872	15.7	15.7	15.7	15.7	8.48	8.48	2.46	0.88
15-50-129	0.56	0.86	.01404	.01911	.0	.0	1.04	1.75	1.00	.709	.0693	.866	12.4	12.4	12.4	12.4	8.74	8.74	2.46	0.87
15-50-130	0.46	0.68	.01376	.01772	.0	.0	1.05	1.55	1.00	.709	.0722	.857	9.9	9.9	9.9	9.9	9.20	9.20	2.46	0.86
15-50-131	0.37	0.50	.01297	.01499	.0	.0	1.06	1.26	1.00	.709	.0780	.841	7.3	7.3	7.3	7.3	10.25	10.25	2.46	0.83
15-50-132	0.30	0.37	.01177	.01183	.0	.0	1.07	0.99	1.00	.709	.0860	.822	5.4	5.4	5.4	5.4	11.85	11.85	2.53	0.79
15-50-133	0.24	0.28	.01176	.01102	.0	.0	1.08	0.88	1.00	.709	.0905	.813	4.1	4.1	4.1	4.1	12.41	12.41	2.59	0.78
15-50-134	0.20	0.25	.01348	.01351	.0	.0	1.08	0.98	1.00	.709	.0859	.822	3.9	3.9	3.9	3.9	10.96	10.96	2.51	0.82
15-50-135	0.16	0.21	.01542	.01631	.0	.0	1.07	1.07	1.00	.709	.0826	.830	3.4	3.4	3.4	3.4	9.78	9.78	2.49	0.86
15-50-136	14.05	25.32	.01042	.01862	.00462	.00402	1.01	3.60	1.25	.703	.0581	.910	293.4	201.2	302.8	207.6	8.65	8.32	2.45	0.91
15-50-137	10.27	18.25	.01070	.01883	.00493	.00429	1.01	3.43	1.25	.702	.0583	.907	215.6	148.7	222.4	153.4	8.59	8.28	2.45	0.90
15-50-138	7.85	13.76	.01093	.01894	.00528	.00459	1.02	3.27	1.25	.702	.0595	.904	165.2	114.8	170.3	118.3	8.58	8.27	2.45	0.90
15-50-139	6.17	10.70	.01124	.01928	.00548	.00475	1.02	3.16	1.24	.701	.0600	.902	130.9	91.7	134.9	94.5	8.49	8.19	2.45	0.90
15-50-140	4.84	8.23	.01125	.01884	.00563	.00487	1.02	2.94	1.24	.700	.0610	.897	101.6	71.9	104.6	74.0	8.64	8.34	2.45	0.89
15-50-141	3.81	6.42	.01156	.01909	.00585	.00503	1.02	2.82	1.22	.700	.0616	.895	80.6	58.5	82.8	60.1	8.59	8.32	2.46	0.89
15-50-142	3.05	5.04	.01166	.01893	.00612	.00524	1.02	2.66	1.21	.700	.0626	.891	64.1	47.3	65.7	48.5	8.68	8.42	2.46	0.88
15-50-143	2.44	3.95	.01178	.01862	.00603	.00517	1.02	2.51	1.22	.700	.0637	.887	50.9	37.4	52.2	38.3	8.76	8.50	2.46	0.88
15-50-144	1.99	3.26	.01259	.02001	.00648	.00552	1.02	2.54	1.19	.700	.0633	.888	43.2	32.8	44.2	33.5	8.38	8.15	2.46	0.88
15-50-145	4.41	7.59	.01195	.02032	.00554	.00482	1.02	3.08	1.26	.701	.0603	.900	96.0	66.3	99.0	68.4	8.23	7.93	2.45	0.90
15-50-146	3.49	5.88	.01193	.01991	.00578	.00501	1.02	2.88	1.25	.701	.0614	.896	75.1	52.8	77.4	54.4	8.36	8.07	2.45	0.89
15-50-147	2.70	4.48	.01222	.01990	.00602	.00520	1.02	2.72	1.23	.700	.0623	.892	58.2	41.6	59.9	42.8	8.38	8.11	2.46	0.89
15-50-148	2.26	3.72	.01243	.01995	.00618	.00531	1.02	2.62	1.22	.701	.0629	.890	48.9	35.8	50.2	36.8	8.38	8.13	2.46	0.89
15-50-149	1.93	3.16	.01297	.02082	.00610	.00526	1.02	2.62	1.23	.700	.0629	.890	42.5	30.7	43.7	31.5	8.17	7.90	2.46	0.89
15-50-150	1.53	2.47	.01321	.02079	.00644	.00554	1.03	2.48	1.22	.699	.0638	.886	33.8	24.7	34.6	25.4	8.20	7.94	2.46	0.88

RUN NO.	RE*E4	QCKW/M2>	ST+/ 1.03	ST*/ 1.11	ST1*/ 1.13	STT*/ 1.22	ST1F/ 1.16	A1/AB .557	H+ 164.9	G+ 18.9	GPR1 15.2	G* 12.1	G*R 13.7	G*1 15.7	GT 14.3	GTR 16.4	GTF 15.3	GTR 16.9	X 2.58	YR 12.83	AH 3.02	TP 3.68
15-50-101	22.01	107.6	1.03	1.11	1.13	1.22	1.16	.557	164.9	18.9	15.2	12.1	13.7	15.7	14.3	16.4	15.3	16.9	2.58	12.83	3.02	3.68
15-50-102	15.44	0.0	0.0	0.0	0.0	0.0	0.0	.791	331.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.95	10.23		
15-50-103	12.67	0.0	0.0	0.0	0.0	0.0	0.0	.787	273.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.94	10.19		
15-50-104	9.63	0.0	0.0	0.0	0.0	0.0	0.0	.782	209.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.93	10.11		
15-50-105	26.37	0.0	0.0	0.0	0.0	0.0	0.0	.802	559.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.97	10.33		
15-50-106	19.48	0.0	0.0	0.0	0.0	0.0	0.0	.797	417.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.96	10.23		
15-50-107	15.26	0.0	0.0	0.0	0.0	0.0	0.0	.791	327.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.95	10.22		
15-50-108	11.98	0.0	0.0	0.0	0.0	0.0	0.0	.787	259.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.94	10.13		
15-50-109	8.99	0.0	0.0	0.0	0.0	0.0	0.0	.780	196.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.93	10.08		
15-50-110	6.76	0.0	0.0	0.0	0.0	0.0	0.0	.775	149.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.92	9.96		
15-50-111	5.04	0.0	0.0	0.0	0.0	0.0	0.0	.766	111.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.91	9.97		
15-50-112	3.88	0.0	0.0	0.0	0.0	0.0	0.0	.758	86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	9.98		
15-50-113	3.08	0.0	0.0	0.0	0.0	0.0	0.0	.755	69.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	9.85		
15-50-114	2.48	0.0	0.0	0.0	0.0	0.0	0.0	.751	56.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.88	9.71		
15-50-115	2.00	0.0	0.0	0.0	0.0	0.0	0.0	.750	46.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.88	9.50		
15-50-116	1.60	0.0	0.0	0.0	0.0	0.0	0.0	.743	37.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.86	9.47		
15-50-117	1.28	0.0	0.0	0.0	0.0	0.0	0.0	.739	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.86	9.33		
15-50-118	1.02	0.0	0.0	0.0	0.0	0.0	0.0	.732	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.84	9.27		
15-50-119	0.84	0.0	0.0	0.0	0.0	0.0	0.0	.724	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.83	9.28		
15-50-120	0.31	0.0	0.0	0.0	0.0	0.0	0.0	.584	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	13.27		
15-50-121	0.24	0.0	0.0	0.0	0.0	0.0	0.0	.567	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.45	13.77		
15-50-122	0.19	0.0	0.0	0.0	0.0	0.0	0.0	.581	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.49	12.37		
15-50-123	0.15	0.0	0.0	0.0	0.0	0.0	0.0	.621	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.60	10.32		
15-50-124	0.12	0.0	0.0	0.0	0.0	0.0	0.0	.631	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.62	9.61		
15-50-125	0.10	0.0	0.0	0.0	0.0	0.0	0.0	.661	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.69	8.25		
15-50-126	0.08	0.0	0.0	0.0	0.0	0.0	0.0	.683	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.74	7.22		
15-50-127	0.87	0.0	0.0	0.0	0.0	0.0	0.0	.711	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.80	9.83		
15-50-128	0.70	0.0	0.0	0.0	0.0	0.0	0.0	.697	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.77	10.02		
15-50-129	0.56	0.0	0.0	0.0	0.0	0.0	0.0	.683	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.74	10.23		
15-50-130	0.46	0.0	0.0	0.0	0.0	0.0	0.0	.663	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.70	10.62		
15-50-131	0.37	0.0	0.0	0.0	0.0	0.0	0.0	.629	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.62	11.55		
15-50-132	0.30	0.0	0.0	0.0	0.0	0.0	0.0	.589	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.52	13.00		
15-50-133	0.24	0.0	0.0	0.0	0.0	0.0	0.0	.571	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.46	13.47		
15-50-134	0.20	0.0	0.0	0.0	0.0	0.0	0.0	.590	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.52	12.17		
15-50-135	0.16	0.0	0.0	0.0	0.0	0.0	0.0	.605	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.56	11.07		
15-50-136	14.05	57.1	1.14	1.04	1.06	1.07	1.10	.708	293.4	22.1	22.1	15.1	19.0	18.0	17.7	21.5	17.2	21.1	1.93	10.36	2.70	2.71
15-50-137	10.27	44.9	1.16	1.04	1.07	1.08	1.11	.698	215.6	21.1	21.2	13.7	17.4	16.7	16.5	20.0	15.9	19.6	1.92	10.31	2.78	2.89
15-50-138	7.85	36.6	1.17	1.05	1.08	1.09	1.13	.689	165.2	19.8	19.9	12.3	15.8	15.4	15.2	18.5	14.6	18.1	1.91	10.28	2.86	3.19
15-50-139	6.17	29.9	1.19	1.06	1.08	1.10	1.13	.683	130.9	19.6	19.7	11.6	15.0	14.8	14.6	17.9	14.1	17.5	1.90	10.19	2.93	3.18
15-50-140	4.84	23.8	1.20	1.06	1.09	1.11	1.15	.669	101.6	19.0	19.2	10.8	14.1	14.1	13.9	17.0	13.3	16.7	1.88	10.30	3.02	3.19
15-50-141	3.91	18.1	1.21	1.07	1.10	1.11	1.16	.661	80.6	18.5	18.9	10.1	13.4	13.5	13.3	16.4	12.8	16.0	1.97	10.24	3.10	3.19
15-50-142	3.05	14.5	1.22	1.08	1.11	1.13	1.17	.649	64.1	17.8	18.3	9.1	12.2	12.6	12.4	15.4	11.9	15.1	1.85	10.31	3.19	3.38
15-50-143	2.44	11.8	1.22	1.08	1.12	1.14	1.18	.637	50.9	17.9	18.4	9.0	12.2	12.7	12.5	15.4	12.0	15.1	1.83	10.37	3.31	3.00
15-50-144	1.99	9.2	1.25	1.09	1.12	1.14	1.18	.641	43.2	17.6	18.3	8.2	11.4	12.1	11.9	14.8	11.4	14.6	1.84	10.00	3.38	3.16
15-50-145	4.41	22.3	1.15	1.06	1.09	1.10	1.13	.678	96.0	19.2	19.2	11.7	15.1	15.0	14.8	18.1	14.4	17.8	1.89	9.92	3.05	2.72
15-50-146	3.49	17.8	1.17	1.07	1.10	1.11	1.15	.664	75.1	18.4	18.6	10.5	13.8	14.0	13.8	16.9	13.3	16.6	1.87	10.02	3.14	2.87
15-50-147	2.70	13.8	1.18	1.07	1.11	1.12	1.16	.653	58.2	18.0	18.2	9.6	12.9	13.3	13.1	16.1	12.6	15.8	1.86	10.02	3.25	2.92
15-50-148	2.25	11.0	1.15	1.08	1.12	1.13	1.17	.646	48.9	17.9	17.4	9.1	12.3	12.8	12.6	15.6	12.2	15.4	1.85	10.01	3.33	2.93
15-50-149	1.93	9.9	1.16	1.08	1.12	1.13	1.16	.646	42.5	17.7	18.0	9.4	12.7	13.3	13.1	16.2	12.7	16.0	1.85	9.80	3.42	2.52
15-50-150	1.53	8.2	1.19	1.09	1.13	1.15	1.18	.634	33.8	17.1	17.5	8.3	11.4	12.3	12.2	15.0	11.8	14.9	1.83	9.81	3.55	2.75

Table 6 cont.

RUN NO.	RE*E4	REL*E4	F	F1	STB	STPR	UL/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
15-50-151	1.24	1.93	.01298	.01963	.00651	.00557	1.03	2.24	1.21	.699	.0657	.879	26.5	19.8	27.1	20.3	8.53	8.29	2.46	0.87
15-50-152	1.01	1.55	.01309	.01923	.00661	.00565	1.03	2.10	1.20	.700	.0670	.874	21.5	16.3	22.0	16.7	8.65	8.42	2.46	0.87
15-50-153	0.81	1.18	.01307	.01853	.00654	.00560	1.04	1.92	1.21	.699	.0691	.867	16.7	12.6	17.1	12.9	8.91	8.67	2.46	0.86
15-50-154	0.66	0.93	.01305	.01776	.00652	.00556	1.04	1.76	1.20	.699	.0713	.860	13.3	10.2	13.6	10.4	9.19	8.96	2.46	0.85
15-50-155	0.54	0.74	.01310	.01712	.00631	.00538	1.05	1.61	1.19	.699	.0734	.854	10.7	8.3	11.0	8.5	9.43	9.20	2.46	0.84
15-50-156	0.44	0.57	.01276	.01553	.00597	.00508	1.05	1.40	1.19	.699	.0776	.843	8.3	6.5	8.5	6.6	10.10	9.87	2.46	0.82
15-50-157	0.40	0.43	.01126	.01212	.00338	.00319	1.07	1.12	1.51	.690	.0873	.822	6.4	3.6	6.7	3.7	11.73	11.10	2.47	0.77
15-50-158	0.48	0.56	.01170	.01387	.00420	.00390	1.05	1.33	1.47	.691	.0813	.835	8.3	4.8	8.7	5.0	10.78	10.23	2.46	0.80
15-50-159	0.59	0.72	.01177	.01483	.00484	.00447	1.05	1.50	1.46	.690	.0779	.843	10.4	6.1	10.9	6.4	10.32	9.81	2.46	0.81
15-50-160	0.75	0.96	.01204	.01636	.00549	.00507	1.04	1.74	1.46	.689	.0739	.854	13.8	8.1	14.4	8.5	9.69	9.20	2.46	0.83
15-50-161	0.89	1.18	.01215	.01718	.00571	.00527	1.03	1.90	1.45	.689	.0717	.860	16.7	9.9	17.5	10.3	9.37	8.89	2.46	0.84
15-50-162	1.09	1.52	.01225	.01800	.00583	.00539	1.03	2.08	1.46	.689	.0694	.868	21.2	12.2	22.2	12.8	9.07	8.59	2.46	0.85
15-50-163	1.32	1.91	.01232	.01868	.00584	.00541	1.03	2.24	1.46	.690	.0675	.874	26.4	15.1	27.7	15.8	8.84	8.35	2.46	0.86
15-50-164	1.64	2.47	.01242	.01944	.00593	.00548	1.02	2.44	1.46	.690	.0657	.880	33.7	19.1	35.4	20.1	8.59	8.10	2.46	0.87
15-50-165	2.09	3.22	.01226	.01966	.00566	.00528	1.02	2.60	1.48	.690	.0644	.885	43.2	23.7	45.5	25.0	8.50	7.99	2.46	0.88
15-50-166	2.63	4.09	.01175	.01900	.00552	.00517	1.02	2.66	1.50	.691	.0640	.887	53.7	28.9	56.6	30.5	8.67	8.14	2.46	0.88
15-50-167	3.32	5.19	.01112	.01799	.00561	.00521	1.02	2.66	1.47	.690	.0639	.887	66.1	36.7	69.5	38.6	8.96	8.44	2.46	0.87
15-50-168	4.31	6.81	.01064	.01736	.00555	.00515	1.02	2.73	1.47	.690	.0635	.889	84.4	46.7	88.8	49.2	9.14	8.61	2.46	0.87
15-50-169	5.14	8.18	.01040	.01712	.00536	.00501	1.02	2.80	1.48	.690	.0631	.890	100.0	54.2	105.4	57.2	9.21	8.66	2.46	0.88
15-50-170	6.92	11.18	.00993	.01660	.00513	.00480	1.02	2.89	1.49	.690	.0625	.893	133.1	71.5	140.4	75.4	9.38	8.81	2.46	0.88
15-50-171	8.98	14.75	.00977	.01653	.00488	.00459	1.02	3.03	1.51	.690	.0617	.896	172.6	90.6	182.5	95.8	9.39	8.80	2.45	0.88
15-50-172	10.97	18.22	.00960	.01644	.00461	.00439	1.02	3.14	1.54	.691	.0612	.898	210.7	106.7	223.3	113.2	9.41	8.79	2.45	0.88
15-50-173	11.81	19.58	.00941	.01608	.00450	.00430	1.02	3.12	1.54	.691	.0613	.898	224.3	113.0	237.9	119.8	9.55	8.91	2.45	0.88
15-50-174	0.39	0.48	.01239	.01424	.00515	.00442	1.06	1.26	1.22	.699	.0809	.835	7.1	5.4	7.3	5.5	10.63	10.36	2.46	0.81
15-50-175	0.32	0.36	.01142	.01147	.00384	.00331	1.07	0.99	1.23	.700	.0898	.816	5.3	3.9	5.4	4.0	12.23	11.91	2.51	0.76
15-50-176	0.26	0.28	.01139	.01096	.00292	.00253	1.09	0.91	1.25	.700	.0936	.810	4.1	3.0	4.3	3.1	12.92	12.55	2.64	0.76
15-50-177	0.21	0.23	.01256	.01243	.00334	.00289	1.09	0.94	1.24	.700	.0940	.811	3.6	2.6	3.6	2.7	12.36	12.02	2.62	0.79
15-50-178	0.16	0.20	.01565	.01756	.00395	.00338	1.08	1.16	1.21	.699	.0884	.825	3.3	2.5	3.4	2.6	10.51	10.24	2.55	0.85
15-50-179	0.13	0.17	.01945	.02428	.00489	.00416	1.07	1.40	1.19	.698	.0825	.838	3.1	2.4	3.1	2.4	8.79	8.58	2.52	0.91
15-50-180	0.11	0.15	.02301	.03002	.00429	.00375	1.05	1.60	1.31	.684	.0722	.858	2.9	1.9	3.0	2.0	6.51	6.22	2.46	0.97
15-50-181	0.17	0.21	.01556	.01721	.00292	.00266	1.07	1.18	1.43	.687	.0824	.832	3.5	2.1	3.7	2.2	9.44	8.96	2.46	0.86
15-50-182	0.28	0.30	.01121	.01090	.00237	.00225	1.08	0.95	1.52	.690	.0922	.812	4.5	2.4	4.8	2.6	12.47	11.77	2.57	0.76

RUN NO.	RE*E4	Q<KW/M2>	ST+//	ST*//	ST1*//	STT*//	STIF/	AI/AB	H+	G+	GPR1	G*	G*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP
15-50-151	1.24	6.3	1.18	1.11	1.15	1.17	1.20	.613	26.5	16.4	16.8	7.3	10.4	11.6	11.4	14.1	11.1	14.1	1.80	10.09	3.72	2.80
15-50-152	1.01	5.0	1.20	1.12	1.17	1.19	1.22	.600	21.5	16.2	16.8	6.6	9.7	11.2	10.9	13.6	10.6	13.6	1.78	10.19	3.87	2.82
15-50-153	0.81	4.1	1.21	1.14	1.19	1.22	1.24	.579	16.7	16.4	16.8	6.0	9.0	10.8	10.5	13.1	10.4	13.4	1.75	10.39	4.13	2.73
15-50-154	0.66	3.3	1.22	1.17	1.23	1.26	1.26	.559	13.3	16.2	16.7	5.3	8.2	10.3	10.1	12.5	10.0	13.0	1.71	10.61	4.36	2.74
15-50-155	0.54	2.5	1.23	1.17	1.23	1.26	1.26	.541	10.7	16.6	17.3	5.4	8.5	10.5	10.2	12.7	10.2	13.2	1.68	10.81	4.40	2.41
15-50-156	0.44	1.9	1.26	1.19	1.28	1.28	1.28	.508	8.3	17.2	17.9	5.6	8.7	10.2	10.2	12.6	10.2	13.2	1.63	11.35	4.40	2.21
15-50-157	0.40	3.4	1.17	1.15	1.19	1.24	1.19	.446	6.4	25.8	22.9	14.7	17.5	18.2	17.6	20.5	18.2	20.9	1.50	12.85	4.40	0.52
15-50-158	0.48	4.7	1.16	1.17	1.22	1.26	1.22	.484	8.3	21.8	19.7	11.1	13.8	15.0	14.5	17.2	15.0	17.6	1.58	12.01	4.40	0.93
15-50-159	0.59	6.4	1.17	1.19	1.25	1.29	1.25	.507	10.4	19.5	17.7	8.8	11.3	13.0	12.6	15.0	13.0	15.3	1.62	11.61	4.40	1.46
15-50-160	0.75	9.5	1.20	1.20	1.26	1.30	1.26	.538	13.8	18.4	16.8	7.2	9.5	11.7	11.3	13.6	11.7	13.9	1.68	11.06	4.40	2.14
15-50-161	0.89	11.6	1.19	1.19	1.25	1.29	1.25	.557	16.7	17.9	16.3	6.9	9.2	11.6	11.2	13.4	11.5	13.7	1.71	10.79	4.39	2.43
15-50-162	1.09	14.9	1.17	1.16	1.22	1.26	1.24	.578	21.2	17.6	16.0	7.5	9.7	11.9	11.5	13.8	11.7	13.9	1.74	10.54	4.16	2.57
15-50-163	1.32	17.9	1.17	1.14	1.19	1.22	1.22	.597	26.4	17.7	16.1	8.2	10.4	12.3	12.0	14.3	12.1	14.3	1.77	10.35	3.95	2.60
15-50-164	1.64	22.2	1.16	1.12	1.17	1.20	1.20	.617	33.7	17.7	16.1	8.7	11.0	12.6	12.3	14.7	12.3	14.5	1.80	10.14	3.74	2.77
15-50-165	2.09	27.9	1.14	1.11	1.15	1.17	1.18	.631	43.2	18.4	16.6	9.9	12.2	13.6	13.3	15.8	13.2	15.5	1.82	10.08	3.58	2.60
15-50-166	2.63	34.7	1.13	1.10	1.14	1.17	1.18	.635	53.7	18.4	16.4	10.3	12.5	13.9	13.5	16.0	13.4	15.6	1.83	10.26	3.45	2.74
15-50-167	3.32	43.4	1.21	1.10	1.14	1.16	1.18	.636	66.1	18.8	17.0	9.8	12.1	13.2	12.9	15.4	12.7	14.9	1.83	10.54	3.32	3.31
15-50-168	4.31	55.8	1.22	1.09	1.14	1.16	1.18	.642	84.4	18.8	17.0	9.9	12.2	13.2	12.9	15.3	12.6	14.8	1.84	10.73	3.20	3.69
15-50-169	5.14	66.8	1.21	1.09	1.13	1.15	1.17	.647	100.0	19.2	17.3	10.6	12.8	13.7	13.4	15.9	13.1	15.3	1.84	10.81	3.13	3.62
15-50-170	6.92	85.2	1.21	1.08	1.11	1.14	1.16	.654	133.1	19.8	17.8	11.3	13.6	14.3	14.0	16.5	13.6	15.9	1.85	10.98	3.02	3.68
15-50-171	8.98	110.2	1.21	1.07	1.10	1.13	1.15	.664	172.6	20.9	18.6	12.3	14.7	15.2	14.9	17.5	14.5	16.8	1.87	11.00	2.93	3.52
15-50-172	10.97	131.4	1.22	1.07	1.09	1.12	1.14	.671	210.7	22.3	19.6	13.5	15.7	16.3	15.9	18.5	15.6	17.8	1.88	11.03	2.88	3.27
15-50-173	11.81	138.9	1.23	1.07	1.09	1.12	1.14	.669	224.3	22.8	20.0	13.8	15.0	16.5	16.2	18.8	15.9	18.1	1.87	11.15	2.86	3.20
15-50-174	0.39	1.6	1.25	1.18	1.24	1.26	1.25	.485	7.1	19.2	19.6	7.5	10.8	12.0	11.7	14.5	11.8	15.1	1.58	11.85	4.40	1.46
15-50-175	0.32	1.1	1.27	1.15	1.19	1.23	1.21	.433	5.3	23.3	24.1	11.2	15.2	15.3	14.9	18.2	15.2	19.1	1.47	13.21	4.40	0.69
15-50-176	0.26	0.7	1.23	1.10	1.13	1.16	1.15	.416	4.1	29.5	29.7	17.2	22.1	20.9	20.4	24.7	21.0	25.9	1.43	13.51	4.40	0.29
15-50-177	0.21	0.6	1.27	1.12	1.18	1.19	1.18	.419	3.6	27.7	28.1	14.9	19.6	18.3	18.3	22.3	18.8	23.4	1.43	12.69	4.40	0.45
15-50-178	0.16	0.5	1.29	1.12	1.19	1.18	1.19	.456	3.3	27.9	28.6	14.4	19.2	17.9	18.2	22.3	18.7	23.4	1.51	10.67	4.40	0.61
15-50-179	0.13	0.5	1.33	1.13	1.27	1.19	1.20	.495	3.1	26.9	27.9	12.8	17.4	15.8	17.0	21.0	17.4	22.0	1.58	9.08	4.40	0.96
15-50-180	0.11	0.9	1.28	1.06	1.03	1.10	1.09	.551	2.9	36.0	35.4	21.0	26.7	27.1	25.2	30.6	24.6	30.1	1.70	8.16	4.40	0.35
15-50-181	0.17	1.2	1.22	1.06	1.06	1.12	1.09	.475	3.5	38.2	35.4	24.6	29.8	29.4	27.7	32.8	27.9	32.9	1.56	10.78	4.40	0.18
15-50-182	0.28	1.8	1.17	1.09	1.11	1.15	1.11	.420	4.5	35.7	31.6	24.1	28.0	27.4	26.2	30.3	27.0	30.7	1.44	13.55	4.40	0.17

Table 6 cont.

RUN NO.	RE*E4	REL*E4	F	F1	STB	STPR	UL/UB	F1/F2	TW/TR	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR	
16-85-	1	25.32	59.32	.00951	.02270	.0	.0	0.99	5.05	1.00	.703	-.0387	.837	382.5	382.5	382.5	382.5	5.42	5.42	2.46	1.63
16-85-	2	20.99	48.33	.00945	.02210	.0	.0	0.99	4.76	1.00	.703	-.0393	.831	313.3	313.3	313.3	313.3	5.56	5.56	2.46	1.63
16-85-	3	17.70	40.38	.00960	.02222	.0	.0	1.00	4.63	1.00	.705	-.0395	.828	265.0	265.0	265.0	265.0	5.53	5.53	2.46	1.64
16-85-	4	14.90	33.50	.00962	.02189	.0	.0	1.00	4.42	1.00	.704	-.0400	.823	221.6	221.6	221.6	221.6	5.61	5.61	2.46	1.65
16-85-	5	12.80	28.48	.00972	.02187	.0	.0	1.00	4.29	1.00	.706	-.0403	.819	190.3	190.3	190.3	190.3	5.61	5.61	2.46	1.65
16-85-	6	10.30	22.80	.01011	.02264	.0	.0	1.00	4.24	1.00	.703	-.0404	.818	155.8	155.8	155.8	155.8	5.42	5.42	2.46	1.66
16-85-	7	8.78	19.42	.01050	.02352	.0	.0	1.00	4.24	1.00	.705	-.0405	.818	135.3	135.3	135.3	135.3	5.22	5.22	2.46	1.67
16-85-	8	7.59	16.38	.01024	.02226	.0	.0	1.00	3.92	1.00	.704	-.0413	.809	114.0	114.0	114.0	114.0	5.51	5.51	2.46	1.68
16-85-	9	6.43	13.71	.01040	.02232	.0	.0	1.00	3.80	1.00	.705	-.0415	.805	96.7	96.7	96.7	96.7	5.49	5.49	2.46	1.69
16-85-	10	5.50	11.58	.01053	.02225	.0	.0	1.00	3.67	1.00	.706	-.0421	.801	82.7	82.7	82.7	82.7	5.50	5.50	2.47	1.70
16-85-	11	4.67	9.71	.01069	.02227	.0	.0	1.00	3.55	1.00	.706	-.0425	.797	70.3	70.3	70.3	70.3	5.49	5.49	2.47	1.71
16-85-	12	3.95	8.03	.01071	.02177	.0	.0	1.00	3.35	1.00	.706	-.0432	.790	58.8	58.8	58.8	58.8	5.61	5.61	2.47	1.72
16-85-	13	3.31	6.67	.01099	.02209	.0	.0	1.00	3.27	1.00	.706	-.0435	.787	49.7	49.7	49.7	49.7	5.52	5.52	2.47	1.73
16-85-	14	2.82	5.58	.01106	.02174	.0	.0	1.00	3.11	1.00	.706	-.0442	.781	42.1	42.1	42.1	42.1	5.59	5.59	2.47	1.75
16-85-	15	2.42	4.70	.01117	.02152	.0	.0	1.00	2.97	1.00	.706	-.0448	.775	35.9	35.9	35.9	35.9	5.64	5.64	2.47	1.76
16-85-	16	2.06	3.91	.01122	.02104	.0	.0	1.00	2.81	1.00	.706	-.0456	.768	30.3	30.3	30.3	30.3	5.75	5.75	2.47	1.77
16-85-	17	2.44	4.78	.01129	.02194	.0	.0	1.00	3.03	1.00	.706	-.0445	.778	36.6	36.6	36.6	36.6	5.53	5.53	2.47	1.76
16-85-	18	2.00	3.80	.01140	.02149	.0	.0	1.00	2.84	1.00	.706	-.0455	.769	29.6	29.6	29.6	29.6	5.62	5.62	2.47	1.78
16-85-	19	1.68	3.11	.01140	.02076	.0	.0	1.01	2.65	1.00	.706	-.0465	.761	24.6	24.6	24.6	24.6	5.80	5.80	2.47	1.80
16-85-	20	1.41	2.54	.01145	.02015	.0	.0	1.01	2.47	1.00	.706	-.0476	.752	20.4	20.4	20.4	20.4	5.94	5.94	2.47	1.82
16-85-	21	1.19	2.05	.01131	.01889	.0	.0	1.01	2.24	1.00	.707	-.0493	.739	16.7	16.7	16.7	16.7	6.29	6.29	2.47	1.84
16-85-	22	1.00	1.61	.01096	.01690	.0	.0	1.02	1.94	1.00	.707	-.0520	.721	13.3	13.3	13.3	13.3	6.93	6.93	2.47	1.87
16-85-	23	0.84	1.24	.01051	.01461	.0	.0	1.02	1.63	1.00	.707	-.0558	.698	10.5	10.5	10.5	10.5	7.84	7.84	2.47	1.90
16-85-	24	0.71	0.97	.01023	.01286	.0	.0	1.03	1.39	1.00	.707	-.0597	.677	8.4	8.4	8.4	8.4	8.68	8.68	2.47	1.94
16-85-	25	0.58	0.68	.00947	.00974	.0	.0	1.04	1.03	1.00	.707	-.0687	.638	6.1	6.1	6.1	6.1	10.77	10.77	2.50	2.00
16-85-	26	25.11	57.03	.00940	.02244	.00513	.00441	0.99	5.04	1.24	.700	-.0391	.833	370.2	259.3	381.4	267.1	5.49	5.22	2.46	1.63
16-85-	27	22.04	49.42	.00941	.02220	.00528	.00454	0.99	4.87	1.25	.700	-.0394	.830	322.8	224.9	332.7	231.8	5.55	5.27	2.46	1.63
16-85-	28	26.48	60.03	.00937	.02245	.00517	.00451	0.99	5.10	1.28	.703	-.0390	.834	389.2	258.3	402.7	267.3	5.50	5.18	2.46	1.63
16-85-	29	22.53	50.56	.00945	.02241	.00523	.00454	0.99	4.94	1.28	.702	-.0393	.831	330.8	221.9	342.1	229.4	5.51	5.20	2.46	1.63
16-85-	30	17.24	37.47	.00927	.02119	.00545	.00469	1.00	4.47	1.24	.700	-.0403	.820	246.4	173.3	253.8	178.4	5.80	5.52	2.46	1.64
16-85-	31	14.17	30.23	.00935	.02103	.00568	.00489	1.00	4.28	1.25	.700	-.0408	.815	201.3	141.4	207.4	145.6	5.84	5.56	2.46	1.64
16-85-	32	11.85	24.89	.00947	.02101	.00579	.00499	1.00	4.13	1.25	.700	-.0412	.810	168.0	117.7	173.1	121.3	5.85	5.56	2.46	1.65
16-85-	33	9.87	20.57	.00975	.02151	.00596	.00513	1.00	4.07	1.25	.700	-.0414	.808	141.4	99.4	145.6	102.4	5.72	5.44	2.46	1.66
16-85-	34	8.30	17.03	.00988	.02153	.00613	.00528	1.00	3.94	1.25	.700	-.0418	.804	118.7	83.4	122.3	85.9	5.72	5.44	2.47	1.67
16-85-	35	7.04	14.23	.01002	.02156	.00627	.00541	1.00	3.82	1.25	.700	-.0422	.800	100.6	70.4	103.7	72.5	5.71	5.42	2.47	1.68
16-85-	36	6.03	11.97	.01012	.02146	.00631	.00545	1.00	3.68	1.26	.701	-.0427	.795	85.7	59.6	88.4	61.4	5.73	5.44	2.47	1.68
16-85-	37	5.06	9.83	.01024	.02134	.00646	.00559	1.00	3.54	1.27	.701	-.0433	.790	71.4	45.6	73.7	51.1	5.76	5.46	2.47	1.70
16-85-	38	4.24	8.08	.01038	.02127	.00650	.00562	1.00	3.40	1.26	.701	-.0438	.785	59.7	41.6	61.5	42.9	5.77	5.48	2.47	1.71
16-85-	39	3.61	6.73	.01044	.02096	.00655	.00568	1.00	3.24	1.27	.701	-.0445	.778	50.4	35.1	51.9	36.1	5.85	5.55	2.47	1.72
16-85-	40	3.03	5.50	.01059	.02083	.00643	.00563	1.00	3.11	1.29	.701	-.0452	.773	41.6	29.0	43.2	29.9	5.86	5.56	2.47	1.73
16-85-	41	2.56	4.54	.01066	.02052	.00654	.00568	1.00	2.96	1.27	.702	-.0460	.766	35.1	24.5	36.2	25.2	5.95	5.65	2.47	1.75
16-85-	42	2.13	3.64	.01070	.01996	.00637	.00554	1.00	2.77	1.28	.702	-.0471	.757	28.7	20.0	29.6	20.6	6.09	5.79	2.47	1.77
16-85-	43	1.80	2.90	.01090	.01867	.00613	.00535	1.01	2.51	1.29	.702	-.0489	.743	23.2	16.0	24.0	16.6	6.47	6.15	2.47	1.78
16-85-	44	2.32	4.00	.01063	.02009	.00644	.00562	1.00	2.84	1.29	.702	-.0467	.760	31.3	21.5	32.3	22.1	6.06	5.75	2.47	1.76
16-85-	45	1.90	3.15	.01066	.01941	.00626	.00546	1.00	2.63	1.29	.702	-.0480	.749	25.1	17.4	25.9	17.9	6.24	5.93	2.47	1.78
16-85-	46	1.60	2.54	.01065	.01868	.00610	.00532	1.01	2.45	1.29	.702	-.0494	.739	20.6	14.4	21.3	14.8	6.45	6.14	2.47	1.80
16-85-	47	1.34	2.01	.01050	.01744	.00580	.00506	1.01	2.21	1.29	.702	-.0514	.725	16.6	11.6	17.1	12.0	6.84	6.53	2.47	1.82
16-85-	48	1.14	1.62	.01040	.01635	.00537	.00449	1.01	2.00	1.29	.703	-.0535	.712	13.6	9.6	14.0	9.9	7.22	6.90	2.47	1.85
16-85-	49	0.96	1.28	.01025	.01510	.00500	.00438	1.02	1.79	1.30	.703	-.0561	.696	11.1	7.7	11.4	7.9	7.71	7.37	2.47	1.88
16-85-	50	0.81	1.02	.01027	.01432	.00467	.00411	1.02	1.63	1.32	.703	-.0585	.683	9.0	6.2	9.3	6.4	8.02	7.66	2.47	1.92

RUN NO.	RE*E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	ST1F /	A1/AB	H+	G+	GPRI	G*	S*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP	
16-85-	1	25.32	0.0	0.0	0.0	0.0	0.0	.700	382.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.44	9.39			
16-85-	2	20.99	0.0	0.0	0.0	0.0	0.0	.690	313.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.42	9.51			
16-85-	3	17.70	0.0	0.0	0.0	0.0	0.0	.685	265.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.42	9.49			
16-85-	4	14.90	0.0	0.0	0.0	0.0	0.0	.677	221.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.40	9.56			
16-85-	5	12.80	0.0	0.0	0.0	0.0	0.0	.671	190.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.39	9.56			
16-85-	6	10.30	0.0	0.0	0.0	0.0	0.0	.668	155.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.39	9.40			
16-85-	7	8.78	0.0	0.0	0.0	0.0	0.0	.668	135.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.39	9.22			
16-85-	8	7.59	0.0	0.0	0.0	0.0	0.0	.654	114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.37	9.48			
16-85-	9	6.43	0.0	0.0	0.0	0.0	0.0	.648	96.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.36	9.47			
16-85-	10	5.50	0.0	0.0	0.0	0.0	0.0	.642	82.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.35	9.48			
16-85-	11	4.67	0.0	0.0	0.0	0.0	0.0	.635	70.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.34	9.48			
16-85-	12	3.95	0.0	0.0	0.0	0.0	0.0	.624	58.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.32	9.58			
16-85-	13	3.31	0.0	0.0	0.0	0.0	0.0	.619	49.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.31	9.51			
16-85-	14	2.82	0.0	0.0	0.0	0.0	0.0	.610	42.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.29	9.59			
16-85-	15	2.42	0.0	0.0	0.0	0.0	0.0	.601	35.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.28	9.64			
16-85-	16	2.06	0.0	0.0	0.0	0.0	0.0	.590	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.26	9.75			
16-85-	17	2.44	0.0	0.0	0.0	0.0	0.0	.605	36.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.28	9.55			
16-85-	18	2.00	0.0	0.0	0.0	0.0	0.0	.592	29.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.26	9.65			
16-85-	19	1.68	0.0	0.0	0.0	0.0	0.0	.578	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.23	9.82			
16-85-	20	1.41	0.0	0.0	0.0	0.0	0.0	.565	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.21	9.96			
16-85-	21	1.19	0.0	0.0	0.0	0.0	0.0	.546	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.17	10.29			
16-85-	22	1.00	0.0	0.0	0.0	0.0	0.0	.519	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.11	10.88			
16-85-	23	0.84	0.0	0.0	0.0	0.0	0.0	.487	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.03	11.70			
16-85-	24	0.71	0.0	0.0	0.0	0.0	0.0	.458	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.96	12.47			
16-85-	25	0.58	0.0	0.0	0.0	0.0	0.0	.407	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.80	14.33			
16-85-	26	25.11	39.0	1.00	1.07	1.08	1.11	1.10	.643	370.2	16.7	16.9	13.2	17.3	15.1	14.7	18.7	14.8	18.8	2.43	9.44	2.64	4.47
16-85-	27	22.04	35.9	1.00	1.07	1.09	1.11	1.11	.635	322.8	16.0	16.1	12.4	16.3	14.4	14.0	17.8	14.1	18.0	2.42	9.49	2.68	4.72
16-85-	28	26.43	45.2	0.99	1.07	1.09	1.11	1.10	.644	389.2	16.4	16.2	13.0	16.8	14.9	14.5	18.3	14.6	18.4	2.43	9.44	2.64	4.81
16-85-	29	22.53	38.8	1.00	1.07	1.09	1.12	1.11	.637	330.8	16.2	16.1	12.7	16.5	14.6	14.2	18.0	14.4	18.2	2.42	9.45	2.68	4.68
16-85-	30	17.24	28.6	1.01	1.08	1.10	1.13	1.12	.617	246.4	15.1	15.2	11.2	14.9	13.3	12.8	16.4	12.9	16.6	2.39	9.71	2.74	5.01
16-85-	31	14.17	24.8	1.01	1.09	1.11	1.14	1.13	.606	201.3	14.3	14.4	10.2	13.8	12.4	11.9	15.4	12.1	15.6	2.38	9.75	2.80	5.36
16-85-	32	11.85	21.4	1.00	1.09	1.12	1.15	1.14	.598	168.0	13.9	14.0	9.7	13.2	11.9	11.5	14.8	11.6	15.1	2.37	9.76	2.85	5.37
16-85-	33	9.87	18.2	1.00	1.10	1.12	1.15	1.14	.594	141.4	13.6	13.7	9.3	12.7	11.6	11.2	14.4	11.3	14.7	2.36	9.64	2.90	5.36
16-85-	34	8.30	15.8	1.00	1.10	1.13	1.16	1.15	.586	118.7	13.1	13.2	8.6	11.9	11.0	10.6	13.7	10.8	14.1	2.35	9.64	2.96	5.52
16-85-	35	7.04	13.9	1.00	1.11	1.14	1.18	1.16	.579	100.6	12.7	12.7	8.1	11.3	10.6	10.2	13.2	10.4	13.5	2.34	9.63	3.02	5.60
16-85-	36	6.03	12.2	1.00	1.12	1.15	1.19	1.16	.570	85.7	12.5	12.5	7.8	11.0	10.4	9.9	12.9	10.2	13.3	2.33	9.65	3.09	5.45
16-85-	37	5.06	10.6	1.00	1.13	1.16	1.20	1.18	.560	71.4	12.1	12.1	7.2	10.2	9.8	9.4	12.3	9.7	12.7	2.32	9.68	3.17	5.58
16-85-	38	4.24	8.8	1.00	1.14	1.17	1.21	1.18	.550	59.7	12.0	11.9	6.8	9.9	9.6	9.2	12.0	9.5	12.5	2.30	9.70	3.25	5.36
16-85-	39	3.61	7.7	1.00	1.15	1.19	1.23	1.19	.539	50.4	11.7	11.6	6.4	9.3	9.2	8.8	11.5	9.2	12.1	2.28	9.77	3.34	5.34
16-85-	40	3.03	6.5	0.99	1.16	1.20	1.24	1.20	.528	41.9	11.8	11.7	6.2	9.2	9.3	8.8	11.5	9.2	12.1	2.27	9.79	3.45	4.89
16-85-	41	2.56	5.5	0.99	1.17	1.22	1.26	1.21	.516	35.1	11.4	11.3	5.6	8.5	8.8	8.4	11.0	8.8	11.7	2.25	9.87	3.56	4.90
16-85-	42	2.13	4.4	0.98	1.19	1.23	1.28	1.22	.500	28.7	11.5	11.4	5.5	8.4	8.8	8.3	10.9	8.9	11.8	2.22	10.01	3.71	4.39
16-85-	43	1.80	3.8	0.97	1.21	1.26	1.32	1.24	.476	23.2	11.4	11.2	5.1	8.0	8.7	8.1	10.6	8.9	11.7	2.18	10.35	3.89	4.09
16-85-	44	2.32	5.2	1.00	1.19	1.23	1.28	1.22	.505	31.3	11.7	11.5	5.5	8.3	8.8	8.3	10.8	8.8	11.6	2.23	9.98	3.65	4.73
16-85-	45	1.90	4.1	0.99	1.20	1.25	1.30	1.23	.487	25.1	11.7	11.5	5.2	8.1	8.7	8.2	10.8	8.9	11.7	2.20	10.15	3.82	4.23
16-85-	46	1.60	3.3	0.93	1.22	1.27	1.33	1.24	.469	20.6	11.7	11.5	4.9	7.8	8.6	8.1	10.6	8.9	11.7	2.17	10.35	3.99	3.90
16-85-	47	1.34	2.6	0.97	1.25	1.30	1.37	1.25	.445	16.6	11.8	11.6	4.6	7.5	8.5	8.0	10.4	9.0	11.8	2.12	10.71	4.22	3.46
16-85-	48	1.14	2.1	0.96	1.27	1.33	1.39	1.25	.423	13.6	12.4	12.2	4.9	8.0	9.0	8.4	10.9	9.6	12.6	2.08	11.06	4.40	2.83
16-85-	49	0.96	1.7	0.95	1.28	1.34	1.40	1.26	.397	11.1	12.8	12.5	5.5	8.6	9.3	8.7	11.3	9.9	13.0	2.03	11.51	4.40	2.33
16-85-	50	0.81	1.4	0.94	1.29	1.35	1.40	1.27	.377	9.0	13.4	13.0	6.3	9.5	9.8	9.3	11.5	10.5	13.6	1.98	11.82	4.40	1.90

Table 6 cont.

RUN NO.	RE*E4	REI*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
16-85- 51	0.69	0.87	.01067	.01473	.00447	.00394	1.02	1.61	1.32	.703	.0590	.681	7.8	5.3	8.1	5.5	7.78	7.41	2.47	1.97
16-85- 52	24.04	50.02	.00390	.02104	.00496	.00488	0.99	4.82	1.73	.697	.0403	.821	328.1	138.5	353.3	149.1	5.88	5.19	2.46	1.62
16-85- 53	20.86	42.79	.00895	.02092	.00508	.00497	0.99	4.68	1.71	.696	.0406	.817	283.1	121.6	304.4	130.7	5.92	5.23	2.46	1.62
16-85- 54	24.83	51.80	.00895	.02129	.00488	.00486	0.99	4.91	1.76	.698	.0402	.823	340.3	138.4	367.5	149.4	5.82	5.10	2.46	1.62
16-85- 55	22.00	45.25	.00900	.02125	.00498	.00497	0.99	4.80	1.77	.698	.0405	.819	299.9	121.5	324.0	131.2	5.83	5.11	2.46	1.62
16-85- 56	18.83	37.55	.00875	.02008	.00511	.00502	0.99	4.43	1.73	.697	.0413	.810	248.8	105.9	267.7	114.0	6.15	5.44	2.46	1.62
16-85- 57	16.10	31.73	.00886	.02010	.00524	.00510	0.99	4.31	1.70	.696	.0416	.807	212.6	93.3	228.2	100.1	6.14	5.46	2.46	1.63
16-85- 58	13.52	26.18	.00897	.02013	.00538	.00523	0.99	4.18	1.69	.695	.0420	.803	178.0	79.1	190.8	84.8	6.14	5.47	2.47	1.63
16-85- 59	11.34	21.45	.00906	.02007	.00554	.00538	0.99	4.03	1.69	.695	.0425	.798	148.0	66.3	158.6	71.0	6.16	5.49	2.47	1.64
16-85- 60	9.43	17.58	.00929	.02045	.00562	.00547	0.99	3.96	1.69	.695	.0428	.795	123.7	55.4	132.5	59.3	6.05	5.39	2.47	1.65
16-85- 61	7.88	14.44	.00949	.02071	.00570	.00555	0.99	3.87	1.70	.695	.0432	.791	103.4	46.4	110.8	49.7	5.98	5.33	2.47	1.66
16-85- 62	6.62	11.79	.00954	.02050	.00571	.00557	0.99	3.71	1.70	.695	.0439	.785	85.8	38.5	91.9	41.3	6.04	5.39	2.47	1.67
16-85- 63	5.62	9.67	.00951	.01999	.00573	.00559	0.99	3.52	1.70	.695	.0448	.777	71.3	32.3	76.3	34.6	6.18	5.53	2.47	1.68
16-85- 64	4.82	8.17	.00971	.02026	.00578	.00563	0.99	3.45	1.70	.696	.0451	.774	61.2	28.1	65.5	30.0	6.11	5.46	2.47	1.69
16-85- 65	3.97	6.34	.00956	.01926	.00561	.00551	0.99	3.17	1.72	.696	.0466	.762	48.4	22.1	51.8	23.6	6.40	5.74	2.47	1.70
16-85- 66	3.45	5.29	.00948	.01860	.00555	.00544	0.99	2.99	1.72	.696	.0477	.753	41.0	18.9	43.8	20.2	6.61	5.94	2.47	1.71
16-85- 67	2.84	4.20	.00963	.01852	.00535	.00526	0.99	2.86	1.73	.696	.0486	.746	33.3	15.4	35.6	16.4	6.62	5.96	2.47	1.72
16-85- 68	2.37	3.26	.00946	.01745	.00515	.00507	1.00	2.61	1.74	.697	.0505	.732	26.4	12.3	28.2	13.2	6.99	6.31	2.47	1.74
16-85- 69	2.19	2.97	.00952	.01738	.00502	.00496	1.00	2.55	1.74	.696	.0510	.729	24.3	11.4	26.0	12.1	7.01	6.33	2.47	1.75
16-85- 70	1.79	2.28	.00942	.01621	.00458	.00454	1.00	2.29	1.75	.696	.0533	.714	19.0	8.9	20.3	9.5	7.43	6.73	2.47	1.77
16-85- 71	1.52	1.87	.00943	.01564	.00414	.00413	1.00	2.12	1.78	.697	.0543	.705	15.9	7.2	17.1	7.7	7.64	6.90	2.47	1.79
16-85- 72	1.28	1.51	.00951	.01487	.00377	.00378	1.01	1.94	1.79	.697	.0568	.694	13.1	5.9	14.0	6.3	7.95	7.18	2.47	1.82
16-85- 73	1.08	1.20	.00947	.01355	.00359	.00359	1.01	1.75	1.79	.697	.0594	.680	10.7	4.8	11.4	5.2	8.36	7.57	2.47	1.85
16-85- 74	0.91	0.98	.00959	.01351	.00342	.00342	1.01	1.63	1.79	.697	.0614	.671	8.9	4.0	9.5	4.3	8.56	7.76	2.47	1.90
16-85- 75	22.95	44.45	.00862	.02039	.00465	.00509	0.99	4.73	2.11	.694	.0412	.812	296.3	93.4	327.5	103.3	6.09	5.15	2.46	1.61
16-85- 76	20.00	37.96	.00868	.02035	.00476	.00522	0.99	4.61	2.12	.693	.0416	.808	255.9	81.0	282.2	89.5	6.11	5.17	2.46	1.62
16-85- 77	17.93	33.11	.00851	.01962	.00482	.00525	0.99	4.38	2.10	.693	.0422	.802	223.9	72.5	247.0	79.9	6.31	5.37	2.47	1.62
16-85- 78	15.58	28.40	.00862	.01970	.00490	.00530	0.99	4.28	2.08	.692	.0425	.799	194.3	64.3	213.9	70.8	6.29	5.37	2.47	1.62
16-85- 79	12.79	22.73	.00874	.01975	.00506	.00545	0.99	4.15	2.06	.692	.0431	.794	158.4	53.7	174.0	59.0	6.28	5.38	2.47	1.63
16-85- 80	10.58	18.17	.00879	.01963	.00518	.00557	0.99	3.99	2.06	.691	.0437	.787	128.9	44.2	141.5	48.5	6.33	5.43	2.47	1.64
16-85- 81	8.93	14.93	.00888	.01962	.00524	.00563	0.98	3.86	2.06	.691	.0443	.782	107.7	37.4	118.1	41.0	6.34	5.45	2.47	1.64
16-85- 82	7.49	12.23	.00903	.01977	.00523	.00563	0.98	3.76	2.06	.691	.0448	.778	89.9	31.3	98.6	34.3	6.29	5.41	2.47	1.65
16-85- 83	6.53	10.27	.00898	.01940	.00522	.00563	0.98	3.61	2.07	.691	.0455	.771	76.6	26.8	83.9	29.4	6.41	5.52	2.47	1.66
16-85- 84	5.53	8.37	.00899	.01908	.00512	.00554	0.98	3.44	2.08	.692	.0465	.763	63.5	22.4	69.5	24.5	6.51	5.62	2.47	1.67
16-85- 85	4.59	6.64	.00895	.01848	.00489	.00530	0.98	3.22	2.08	.692	.0477	.754	51.3	18.2	56.1	19.9	6.71	5.81	2.47	1.69
16-85- 86	3.91	5.38	.00891	.01796	.00473	.00513	0.98	3.04	2.10	.692	.0489	.745	42.4	15.2	46.3	16.6	6.88	5.98	2.47	1.69
16-85- 87	3.32	4.31	.00880	.01717	.00451	.00491	0.98	2.83	2.10	.692	.0505	.733	34.6	12.6	37.7	13.7	7.16	6.25	2.47	1.70
16-85- 88	2.79	3.38	.00870	.01637	.00423	.00462	0.98	2.61	2.12	.692	.0523	.721	27.8	10.2	30.3	11.1	7.46	6.54	2.47	1.71
16-85- 89	2.40	2.80	.00864	.01549	.00389	.00427	0.99	2.39	2.14	.692	.0540	.711	23.3	8.4	25.5	9.2	7.81	6.84	2.47	1.72
16-85- 90	2.04	2.33	.00869	.01482	.00355	.00390	0.99	2.20	2.14	.692	.0554	.702	19.6	7.0	21.5	7.7	8.08	7.08	2.47	1.74
16-85- 91	1.76	1.86	.00844	.01324	.00316	.00349	1.00	1.91	2.15	.692	.0587	.684	16.0	5.7	17.5	6.2	8.84	7.78	2.47	1.75
16-85- 92	1.48	1.52	.00848	.01252	.00288	.00317	1.01	1.73	2.15	.692	.0608	.673	13.2	4.7	14.5	5.2	9.22	8.13	2.47	1.77
16-85- 93	2.09	2.36	.00864	.01490	.00359	.00398	0.99	2.23	2.17	.693	.0554	.702	19.9	7.0	21.8	7.7	8.06	7.05	2.47	1.74
16-85- 94	1.72	1.86	.00864	.01384	.00319	.00353	1.00	1.98	2.16	.692	.0578	.689	16.0	5.6	17.5	6.2	8.54	7.49	2.47	1.76
16-85- 95	1.43	1.50	.00872	.01313	.00287	.00317	1.01	1.79	2.16	.692	.0599	.678	13.1	4.6	14.4	5.0	8.88	7.80	2.47	1.79
16-85- 96	1.15	1.23	.00894	.01280	.00261	.00286	1.01	1.66	2.14	.691	.0615	.671	10.9	3.8	12.0	4.2	9.03	7.94	2.47	1.82
16-85- 97	0.75	0.77	.00881	.01323	.00336	.00334	1.02	1.52	1.77	.696	.0637	.661	7.3	3.4	7.8	3.6	8.68	7.90	2.47	1.96
16-85- 98	0.59	0.57	.01317	.01313	.00348	.00343	1.02	1.42	1.74	.695	.0673	.648	5.6	2.7	6.0	2.9	8.76	8.01	2.47	2.07
16-70- 99	2.52	4.91	.01311	.02533	.0	.0	1.00	3.39	1.00	.705	.0575	.834	56.7	56.7	56.7	56.7	5.79	5.79	2.46	1.55
16-70-100	22.42	49.99	.01138	.02570	.0	.0	1.00	5.38	1.00	.704	.0516	.877	503.9	503.9	503.9	503.9	5.74	5.74	2.45	1.46

RUN NO.	RE*E4	Q<KW/M2>	ST+/ 0.94	ST*/ 1.27	ST1*/ 1.34	STT*/ 1.37	ST1F/ 1.25	A1/AB .373	H+	G+	GPR1	G*	G*R	G*1	GT	GTR	GTF	GTR	X	YR	AH	TP
16-85-51	0.69	1.1	0.94	1.27	1.34	1.37	1.25	.373	7.8	14.3	13.8	7.4	10.8	10.6	10.2	13.0	11.5	14.7	1.97	11.65	4.40	1.47
16-85-52	24.04	118.4	0.99	1.10	1.13	1.17	1.13	.618	328.1	16.6	13.4	12.7	14.7	14.4	13.8	16.3	14.4	16.3	2.39	9.75	2.80	5.66
16-85-53	20.86	105.2	0.99	1.11	1.14	1.18	1.14	.611	283.1	16.1	13.1	12.1	14.1	13.8	13.2	15.7	13.9	15.8	2.38	9.78	2.84	5.79
16-85-54	24.83	121.3	0.99	1.10	1.13	1.17	1.13	.621	340.3	17.0	13.5	13.2	14.9	14.8	14.2	16.6	14.9	16.6	2.40	9.69	2.80	5.51
16-85-55	22.00	110.9	0.99	1.11	1.14	1.18	1.13	.615	299.9	16.6	13.1	12.6	14.3	14.3	13.7	16.0	14.4	16.1	2.39	9.70	2.84	5.67
16-85-56	18.83	95.0	0.98	1.12	1.15	1.19	1.15	.598	248.8	15.5	12.5	11.5	13.3	13.2	12.6	14.9	13.3	15.1	2.37	9.98	2.88	6.04
16-85-57	16.10	83.0	0.98	1.12	1.16	1.20	1.15	.592	212.6	15.0	12.3	10.9	12.8	12.7	12.1	14.5	12.8	14.7	2.36	9.98	2.92	6.09
16-85-58	13.52	72.2	0.98	1.13	1.17	1.21	1.16	.584	178.0	14.5	11.9	10.2	12.1	12.1	11.5	13.9	12.2	14.1	2.35	9.97	2.98	6.24
16-85-59	11.34	61.9	0.98	1.14	1.18	1.23	1.17	.574	148.0	13.9	11.4	9.5	11.3	11.5	10.9	13.1	11.6	13.4	2.33	9.98	3.05	6.50
16-85-60	9.43	52.3	0.98	1.15	1.19	1.24	1.18	.569	123.7	13.7	11.2	9.2	11.0	11.3	10.7	12.9	11.4	13.2	2.33	9.89	3.12	6.30
16-85-61	7.88	44.8	0.97	1.16	1.20	1.25	1.19	.562	103.4	13.6	11.1	8.8	10.6	11.0	10.4	12.6	11.2	12.9	2.32	9.83	3.20	6.12
16-85-62	6.62	37.9	0.97	1.17	1.22	1.27	1.20	.550	85.8	13.3	10.9	8.5	10.2	10.7	10.1	12.2	11.0	12.7	2.30	9.88	3.29	5.94
16-85-63	5.62	32.4	0.96	1.19	1.24	1.30	1.21	.536	71.3	13.0	10.6	7.9	9.6	10.3	9.7	11.7	10.6	12.2	2.28	10.00	3.39	5.91
16-85-64	4.82	27.0	0.96	1.20	1.25	1.31	1.22	.531	61.2	13.0	10.6	7.7	9.3	10.2	9.5	11.6	10.5	12.1	2.27	9.94	3.47	5.71
16-85-65	3.97	22.4	0.95	1.22	1.28	1.34	1.24	.508	48.4	12.9	10.5	7.3	8.9	9.9	9.3	11.2	10.4	11.9	2.23	10.19	3.63	5.33
16-85-66	3.45	19.1	0.95	1.25	1.30	1.37	1.25	.493	41.0	12.8	10.4	6.9	8.4	9.7	9.0	10.9	10.1	11.6	2.21	10.37	3.75	5.19
16-85-67	2.84	15.1	0.94	1.26	1.32	1.39	1.25	.481	33.3	13.2	10.7	7.0	8.6	9.9	9.2	11.2	10.6	12.1	2.19	10.39	3.93	4.41
16-85-68	2.37	12.2	0.93	1.30	1.36	1.44	1.28	.456	26.4	13.3	10.7	6.6	8.1	9.7	9.0	10.9	10.5	11.9	2.14	10.71	4.15	4.10
16-85-69	2.19	11.2	0.94	1.30	1.37	1.45	1.28	.451	24.3	13.7	11.1	6.8	8.3	10.0	9.2	11.1	10.8	12.3	2.13	10.73	4.24	3.77
16-85-70	1.79	8.4	0.93	1.32	1.39	1.46	1.28	.426	19.0	14.7	11.8	7.5	9.1	10.6	9.5	11.9	11.7	13.2	2.08	11.11	4.40	2.87
16-85-71	1.52	6.5	0.92	1.30	1.37	1.44	1.26	.411	15.9	16.1	12.8	9.4	10.9	12.2	11.4	13.5	13.3	14.7	2.05	11.31	4.40	2.00
16-85-72	1.28	5.0	0.92	1.29	1.35	1.42	1.25	.393	13.1	17.5	13.8	11.0	12.6	13.5	12.7	14.9	14.7	16.2	2.01	11.60	4.40	1.45
16-85-73	1.08	4.0	0.91	1.30	1.36	1.43	1.26	.371	10.7	17.8	14.0	11.5	13.1	13.7	12.9	15.2	14.9	16.4	1.96	11.97	4.40	1.26
16-85-74	0.91	3.3	0.90	1.31	1.36	1.42	1.26	.355	8.9	18.3	14.4	12.4	14.0	14.3	13.5	15.8	15.5	17.1	1.93	12.17	4.40	1.05
16-85-75	22.95	178.8	0.97	1.13	1.17	1.22	1.15	.601	296.3	17.3	12.2	13.3	13.5	14.7	14.0	15.4	15.0	15.3	2.37	9.90	2.92	5.86
16-85-76	20.00	160.9	0.97	1.14	1.18	1.23	1.16	.594	255.9	16.8	11.8	12.7	12.8	14.1	13.4	14.8	14.5	14.6	2.36	9.91	2.97	6.09
16-85-77	17.93	145.5	0.96	1.15	1.20	1.25	1.17	.582	223.9	16.1	11.4	11.9	12.2	13.4	12.7	14.1	13.8	14.0	2.34	10.10	3.01	6.30
16-85-78	15.58	130.1	0.96	1.16	1.20	1.26	1.18	.576	194.3	15.8	11.3	11.5	11.9	13.1	12.3	13.8	13.5	13.8	2.33	10.08	3.06	6.25
16-85-79	12.79	109.4	0.96	1.17	1.22	1.28	1.19	.566	158.4	15.0	10.8	10.7	11.1	12.3	11.6	13.1	12.7	13.1	2.32	10.06	3.13	6.49
16-85-80	10.58	92.9	0.95	1.19	1.24	1.30	1.20	.554	128.9	14.4	10.4	9.9	10.3	11.7	10.9	12.4	12.1	12.5	2.30	10.09	3.22	6.68
16-85-81	8.93	79.7	0.94	1.21	1.26	1.32	1.22	.545	107.7	14.1	10.2	9.4	9.8	11.3	10.5	12.0	11.8	12.1	2.29	10.10	3.31	6.62
16-85-82	7.49	67.2	0.94	1.22	1.27	1.34	1.22	.537	89.9	14.1	10.1	9.3	9.6	11.2	10.4	11.9	11.8	12.1	2.28	10.06	3.41	6.22
16-85-83	6.53	58.1	0.94	1.24	1.30	1.37	1.24	.524	76.6	13.9	10.0	8.8	9.1	10.8	10.1	11.5	11.5	11.7	2.26	10.15	3.50	6.19
16-85-84	5.53	48.4	0.93	1.26	1.32	1.39	1.25	.511	63.5	14.0	10.0	8.7	9.0	10.8	10.0	11.4	11.5	11.8	2.23	10.24	3.62	5.71
16-85-85	4.59	38.3	0.92	1.27	1.33	1.42	1.26	.494	51.3	14.4	10.3	8.9	9.1	11.1	10.2	11.6	11.9	12.1	2.21	10.40	3.78	4.89
16-85-86	3.91	31.7	0.90	1.30	1.36	1.45	1.27	.478	42.4	14.5	10.3	8.8	9.9	11.1	10.3	11.7	12.1	12.2	2.18	10.55	3.94	4.42
16-85-87	3.32	25.6	0.90	1.32	1.39	1.48	1.29	.458	34.6	14.9	10.6	8.8	9.9	11.2	10.3	11.7	12.3	12.4	2.14	10.79	4.13	3.90
16-85-88	2.79	20.3	0.89	1.36	1.42	1.52	1.30	.437	27.8	15.5	10.9	9.0	9.0	11.5	10.6	12.0	12.9	12.9	2.10	11.05	4.38	3.29
16-85-89	2.40	16.3	0.87	1.35	1.42	1.51	1.29	.420	23.3	16.4	11.5	10.3	10.2	12.5	11.6	13.1	14.0	13.9	2.07	11.36	4.40	2.50
16-85-90	2.04	12.5	0.87	1.33	1.39	1.47	1.27	.405	19.6	17.7	12.4	12.1	11.9	14.1	13.1	14.6	15.5	15.4	2.04	11.62	4.40	1.78
16-85-91	1.76	9.6	0.86	1.33	1.39	1.47	1.27	.377	16.0	18.9	13.2	13.8	13.5	15.4	14.3	15.9	16.9	16.7	1.98	12.29	4.40	1.30
16-85-92	1.48	7.4	0.85	1.31	1.36	1.44	1.25	.360	13.2	20.3	14.2	15.8	15.6	17.1	16.0	17.6	18.6	18.4	1.94	12.64	4.40	0.94
16-85-93	2.09	13.1	0.87	1.34	1.41	1.49	1.28	.406	19.9	17.6	12.2	11.8	11.5	13.7	12.8	14.2	15.2	15.0	2.04	11.59	4.40	1.95
16-85-94	1.72	9.4	0.86	1.32	1.38	1.46	1.26	.384	16.0	19.3	13.4	14.1	13.8	15.7	14.7	16.2	17.2	17.0	1.99	12.02	4.40	1.28
16-85-95	1.43	7.1	0.85	1.30	1.34	1.42	1.24	.367	13.1	20.9	14.6	16.4	16.2	17.9	16.7	18.3	19.3	19.0	1.95	12.34	4.40	0.87
16-85-96	1.18	5.3	0.85	1.27	1.30	1.38	1.22	.355	10.9	22.8	16.0	19.2	19.1	20.6	19.2	21.0	21.7	21.6	1.93	12.50	4.40	0.59
16-85-97	0.75	2.6	0.84	1.32	1.36	1.43	1.26	.340	7.3	18.2	14.5	12.5	14.4	14.4	13.5	15.9	15.5	17.2	1.89	12.30	4.40	0.97
16-85-98	0.59	2.1	0.88	1.36	1.40	1.48	1.30	.320	5.6	16.8	13.6	11.6	13.4	13.2	12.3	14.7	14.1	15.9	1.83	12.34	4.40	1.19
16-70-99	2.52	0.0	0.0	0.0	0.0	0.0	0.0	.643	56.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00	8.89		
16-70-100	22.42	0.0	0.0	0.0	0.0	0.0	0.0	.730	503.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.12	8.82		

Table 6 cont.

RUN NO.	RE*E4	REL*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
16-70-101	18.92	41.57	.01126	.02501	.0	.0	1.00	5.09	1.00	.704	.0522	.872	419.6	419.6	419.6	419.6	5.88	5.88	2.45	1.46
16-70-102	13.13	28.29	.01148	.02494	.0	.0	1.00	4.73	1.00	.706	.0530	.866	291.1	291.1	291.1	291.1	5.89	5.89	2.45	1.47
16-70-103	9.22	19.58	.01191	.02544	.0	.0	1.00	4.49	1.00	.706	.0537	.861	206.7	206.7	206.7	206.7	5.79	5.79	2.45	1.48
16-70-104	7.64	16.06	.01208	.02550	.0	.0	1.00	4.33	1.00	.707	.0541	.858	171.6	171.6	171.6	171.6	5.78	5.78	2.45	1.49
16-70-105	6.49	13.50	.01223	.02554	.0	.0	1.00	4.19	1.00	.707	.0545	.855	145.8	145.8	145.8	145.8	5.77	5.77	2.46	1.50
16-70-106	5.24	10.78	.01250	.02576	.0	.0	1.00	4.04	1.00	.705	.0550	.851	118.3	118.3	118.3	118.3	5.72	5.72	2.46	1.51
16-70-107	4.21	8.54	.01272	.02580	.0	.0	1.00	3.86	1.00	.705	.0557	.847	95.1	95.1	95.1	95.1	5.71	5.71	2.46	1.52
16-70-108	3.28	6.55	.01297	.02580	.0	.0	1.00	3.66	1.00	.705	.0564	.841	74.3	74.3	74.3	74.3	5.71	5.71	2.46	1.54
16-70-109	2.24	4.30	.01316	.02507	.0	.0	1.00	3.27	1.00	.705	.0582	.830	50.0	50.0	50.0	50.0	5.84	5.84	2.46	1.56
16-70-110	1.79	3.37	.01323	.02449	.0	.0	1.00	3.04	1.00	.705	.0593	.823	39.7	39.7	39.7	39.7	5.94	5.94	2.46	1.58
16-70-111	1.84	3.49	.01353	.02544	.0	.0	1.00	3.16	1.00	.706	.0588	.826	41.4	41.4	41.4	41.4	5.79	5.79	2.46	1.58
16-70-112	1.54	2.88	.01372	.02533	.0	.0	1.00	3.02	1.00	.707	.0595	.822	34.6	34.6	34.6	34.6	5.79	5.79	2.46	1.59
16-70-113	1.51	2.36	.01332	.02351	.0	.0	1.01	2.72	1.00	.707	.0615	.811	28.4	28.4	28.4	28.4	6.17	6.17	2.46	1.60
16-70-114	1.09	1.89	.01312	.02216	.0	.0	1.01	2.47	1.00	.707	.0633	.800	23.0	23.0	23.0	23.0	6.46	6.46	2.46	1.62
16-70-115	0.93	1.55	.01298	.02076	.0	.0	1.01	2.24	1.00	.707	.0654	.790	19.0	19.0	19.0	19.0	6.81	6.81	2.46	1.63
16-70-116	0.78	1.26	.01268	.01944	.0	.0	1.02	2.03	1.00	.707	.0673	.778	15.6	15.6	15.6	15.6	7.17	7.17	2.46	1.65
16-70-117	0.66	0.99	.01210	.01701	.0	.0	1.02	1.72	1.00	.707	.0720	.760	12.3	12.3	12.3	12.3	7.96	7.96	2.47	1.67
16-70-118	22.08	47.37	.01030	.02402	.00535	.00461	1.00	5.11	1.24	.699	.0526	.870	472.5	332.5	487.1	342.4	6.09	5.83	2.45	1.45
16-70-119	17.80	37.80	.01130	.02424	.00553	.00475	1.00	4.95	1.24	.699	.0529	.867	392.7	269.4	394.1	277.4	6.05	5.79	2.45	1.46
16-70-120	14.39	30.14	.01113	.02422	.00611	.00522	1.00	4.75	1.22	.698	.0534	.863	308.7	223.9	317.2	230.0	6.05	5.81	2.45	1.46
16-70-121	12.01	24.90	.01127	.02426	.00606	.00518	1.00	4.60	1.22	.698	.0539	.860	257.9	186.1	265.1	191.3	6.05	5.80	2.45	1.47
16-70-122	10.03	20.55	.01141	.02431	.00634	.00542	1.00	4.45	1.22	.698	.0543	.857	215.4	156.4	221.2	160.7	6.04	5.80	2.45	1.48
16-70-123	8.47	17.15	.01160	.02452	.00644	.00554	1.00	4.34	1.24	.699	.0547	.854	182.2	128.7	187.6	132.5	5.99	5.73	2.46	1.48
16-70-124	7.13	14.36	.01187	.02456	.00663	.00569	1.00	4.26	1.23	.699	.0550	.852	154.9	111.1	159.3	114.2	5.90	5.66	2.46	1.49
16-70-125	5.90	11.70	.01204	.02497	.00686	.00589	1.00	4.10	1.23	.699	.0555	.848	128.0	91.6	131.6	94.2	5.90	5.65	2.46	1.50
16-70-126	4.93	9.62	.01220	.02498	.00712	.00611	1.00	3.95	1.23	.699	.0561	.845	106.6	76.6	109.6	78.7	5.90	5.65	2.46	1.51
16-70-127	4.15	7.99	.01240	.02508	.00725	.00622	1.00	3.82	1.23	.699	.0566	.841	89.8	64.5	92.3	66.3	5.88	5.63	2.46	1.52
16-70-128	3.45	6.54	.01256	.02505	.00737	.00633	1.00	3.68	1.24	.699	.0572	.837	74.6	53.5	76.7	55.0	5.88	5.63	2.46	1.53
16-70-129	2.94	5.46	.01265	.02483	.00743	.00639	1.00	3.52	1.24	.699	.0580	.832	63.0	45.2	64.8	46.5	5.92	5.68	2.46	1.54
16-70-130	2.41	4.37	.01272	.02443	.00756	.00652	1.00	3.33	1.24	.699	.0590	.826	51.1	36.7	52.6	37.7	6.00	5.75	2.46	1.55
16-70-131	1.70	2.91	.01271	.02325	.00726	.00628	1.01	2.94	1.26	.700	.0616	.811	34.9	24.7	35.9	25.5	6.32	6.05	2.46	1.57
16-70-132	1.43	2.37	.01267	.02249	.00714	.00619	1.01	2.75	1.26	.700	.0630	.803	28.8	20.5	29.7	21.1	6.48	6.21	2.46	1.58
16-70-133	1.22	1.93	.01239	.02107	.00688	.00596	1.01	2.50	1.26	.700	.0651	.792	23.6	16.9	24.3	17.4	6.83	6.56	2.46	1.60
16-70-134	1.03	1.55	.01218	.01980	.00659	.00572	1.01	2.27	1.26	.700	.0674	.781	19.2	13.8	19.8	14.2	7.16	6.88	2.46	1.61
16-70-135	0.86	1.22	.01183	.01803	.00613	.00533	1.02	2.01	1.27	.700	.0707	.766	15.3	11.0	15.8	11.3	7.69	7.40	2.46	1.63
16-70-136	0.73	0.98	.01155	.01656	.00571	.00496	1.02	1.78	1.27	.701	.0741	.752	12.5	9.0	12.8	9.2	8.23	7.93	2.47	1.65
16-70-137	0.63	0.78	.01127	.01509	.00531	.00464	1.03	1.58	1.28	.702	.0783	.737	10.2	7.2	10.5	7.5	8.84	8.52	2.47	1.67
16-70-138	0.53	0.61	.01107	.01372	.00490	.00429	1.03	1.39	1.29	.702	.0831	.722	8.2	5.8	8.4	6.0	9.47	9.13	2.47	1.70
16-70-139	20.42	40.92	.01021	.02238	.00527	.00510	1.00	4.83	1.63	.693	.0541	.860	409.5	188.0	437.8	200.9	6.50	5.88	2.45	1.44
16-70-140	16.45	32.72	.01052	.02294	.00551	.00528	1.00	4.74	1.61	.692	.0543	.858	333.4	157.3	355.7	167.8	6.37	5.78	2.45	1.45
16-70-141	13.29	25.99	.01065	.02256	.00569	.00544	1.00	4.56	1.60	.691	.0549	.854	268.6	127.7	286.4	136.2	6.36	5.79	2.46	1.45
16-70-142	11.06	21.32	.01082	.02313	.00593	.00571	1.00	4.44	1.59	.691	.0553	.851	223.5	107.9	238.0	114.9	6.33	5.76	2.46	1.46
16-70-143	9.13	17.34	.01100	.02327	.00610	.00581	1.00	4.30	1.59	.691	.0559	.848	184.4	89.8	196.2	95.5	6.30	5.74	2.46	1.47
16-70-144	7.62	14.26	.01122	.02357	.00627	.00598	1.00	4.20	1.59	.691	.0562	.845	154.2	75.1	164.0	79.9	6.23	5.68	2.46	1.48
16-70-145	6.42	11.88	.01148	.02399	.00653	.00621	1.00	4.13	1.59	.690	.0566	.842	130.6	64.2	138.8	68.2	6.14	5.60	2.46	1.48
16-70-146	5.39	9.82	.01169	.02422	.00654	.00625	1.00	4.02	1.60	.691	.0571	.839	109.7	53.6	116.7	57.0	6.09	5.55	2.46	1.49
16-70-147	4.71	8.35	.01171	.02406	.00653	.00634	0.99	3.91	1.64	.693	.0578	.835	94.5	44.4	100.8	47.4	6.14	5.56	2.46	1.50
16-70-148	3.97	6.82	.01167	.02356	.00659	.00641	0.99	3.71	1.65	.693	.0588	.828	78.1	36.7	83.3	39.2	6.25	5.67	2.46	1.50
16-70-149	3.32	5.52	.01154	.02274	.00653	.00636	1.00	3.47	1.65	.693	.0601	.820	63.8	30.2	68.0	32.2	6.44	5.85	2.46	1.51
16-70-150	2.75	4.38	.01145	.02200	.00634	.00620	1.00	3.24	1.66	.693	.0615	.812	51.4	24.3	54.8	25.9	6.62	6.02	2.46	1.52

RUN NO.	RE#E4	Q<KW/M2>	ST+/ 0.0	ST*/ 0.0	ST1*/ 0.0	STT*/ 0.0	ST1F/ 0.0	A1/AB	H+	G+	GPRI	G*	J*R	G*1	GT	GTR	GTF	GTR	X	YR	AH	TP
16-70-101	18.92	0.0	0.0	0.0	0.0	0.0	0.0	.720	419.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.11	8.94		
16-70-102	13.13	0.0	0.0	0.0	0.0	0.0	0.0	.707	291.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.09	8.96		
16-70-103	9.22	0.0	0.0	0.0	0.0	0.0	0.0	.697	206.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.08	8.87		
16-70-104	7.64	0.0	0.0	0.0	0.0	0.0	0.0	.691	171.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.07	8.86		
16-70-105	6.49	0.0	0.0	0.0	0.0	0.0	0.0	.685	145.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.06	8.85		
16-70-106	5.24	0.0	0.0	0.0	0.0	0.0	0.0	.677	118.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.05	8.81		
16-70-107	4.21	0.0	0.0	0.0	0.0	0.0	0.0	.669	95.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.04	8.80		
16-70-108	3.28	0.0	0.0	0.0	0.0	0.0	0.0	.658	74.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.02	8.81		
16-70-109	2.24	0.0	0.0	0.0	0.0	0.0	0.0	.636	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.99	8.93		
16-70-110	1.79	0.0	0.0	0.0	0.0	0.0	0.0	.622	39.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.97	9.04		
16-70-111	1.84	0.0	0.0	0.0	0.0	0.0	0.0	.623	41.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.97	8.87		
16-70-112	1.54	0.0	0.0	0.0	0.0	0.0	0.0	.619	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.96	8.89		
16-70-113	1.31	0.0	0.0	0.0	0.0	0.0	0.0	.599	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.93	9.22		
16-70-114	1.09	0.0	0.0	0.0	0.0	0.0	0.0	.579	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89	9.50		
16-70-115	0.93	0.0	0.0	0.0	0.0	0.0	0.0	.559	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.86	9.82		
16-70-116	0.78	0.0	0.0	0.0	0.0	0.0	0.0	.538	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.82	10.14		
16-70-117	0.66	0.0	0.0	0.0	0.0	0.0	0.0	.505	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.75	10.84		
16-70-118	22.08	49.8	1.04	1.05	1.07	1.08	1.10	.691	472.9	18.2	18.4	14.2	18.2	16.2	15.8	19.7	15.5	19.5	2.10	9.12	2.59	4.27
16-70-119	17.80	42.3	1.05	1.06	1.07	1.09	1.11	.685	382.7	17.8	18.0	13.5	17.4	15.6	15.3	19.1	15.0	18.9	2.09	9.08	2.63	4.30
16-70-120	14.38	35.0	1.06	1.06	1.08	1.10	1.12	.676	308.7	16.0	16.4	11.5	15.2	13.7	13.4	16.8	13.0	16.6	2.08	9.09	2.68	5.37
16-70-121	12.01	29.5	1.05	1.07	1.08	1.10	1.12	.669	257.9	16.1	16.4	11.6	15.2	13.8	13.5	17.0	13.2	16.8	2.07	9.08	2.72	4.87
16-70-122	10.03	25.1	1.06	1.07	1.09	1.11	1.13	.662	215.4	15.3	15.7	10.7	14.2	12.9	12.7	16.0	12.3	15.8	2.06	9.07	2.77	5.24
16-70-123	8.47	23.7	1.07	1.08	1.09	1.11	1.14	.656	182.2	15.3	15.5	10.4	13.7	12.7	12.4	15.6	12.1	15.4	2.05	9.03	2.82	5.18
16-70-124	7.13	19.5	1.06	1.08	1.10	1.12	1.14	.652	154.9	14.9	15.1	9.9	13.3	12.3	12.0	15.2	11.7	15.0	2.05	8.95	2.87	5.19
16-70-125	5.90	16.9	1.06	1.09	1.11	1.13	1.15	.644	128.0	14.3	14.5	9.2	12.4	11.7	11.4	14.4	11.1	14.3	2.04	8.95	2.93	5.40
16-70-126	4.93	14.7	1.07	1.10	1.12	1.14	1.16	.635	106.6	13.7	14.0	8.5	11.6	11.0	10.7	13.6	10.4	13.5	2.03	8.95	2.99	5.67
16-70-127	4.15	12.6	1.07	1.10	1.12	1.15	1.17	.628	89.8	13.4	13.6	8.1	11.1	10.7	10.4	13.2	10.1	13.2	2.02	8.93	3.06	5.59
16-70-128	3.45	10.8	1.05	1.11	1.13	1.16	1.18	.619	74.5	12.9	13.1	7.6	10.6	10.3	10.1	12.8	9.8	12.7	2.00	8.94	3.14	5.53
16-70-129	2.94	9.2	1.06	1.12	1.14	1.17	1.19	.609	63.0	12.8	13.0	7.3	10.2	10.1	9.8	12.5	9.5	12.4	1.99	8.98	3.21	5.41
16-70-130	2.41	7.8	1.06	1.13	1.16	1.19	1.21	.595	51.1	12.5	12.6	6.7	9.5	9.6	9.3	11.8	9.1	11.9	1.97	9.05	3.32	5.47
16-70-131	1.70	5.5	1.06	1.16	1.19	1.22	1.23	.565	34.9	12.7	12.8	6.3	9.2	9.4	9.2	11.7	9.1	11.9	1.92	9.28	3.56	4.70
16-70-132	1.43	4.6	1.05	1.17	1.21	1.24	1.24	.547	28.8	12.6	12.6	6.0	8.9	9.3	9.0	11.4	9.0	11.7	1.90	9.43	3.69	4.40
16-70-133	1.22	3.7	1.04	1.19	1.23	1.27	1.25	.527	23.6	12.5	12.5	5.8	8.6	9.2	8.9	11.3	8.9	11.7	1.86	9.74	3.85	4.04
16-70-134	1.03	3.0	1.03	1.21	1.25	1.29	1.27	.504	19.2	12.6	12.6	5.6	8.4	9.1	8.8	11.2	9.0	11.7	1.83	10.05	4.04	3.65
16-70-135	0.86	2.4	1.02	1.24	1.28	1.33	1.28	.475	15.3	12.9	12.8	5.5	8.3	9.2	8.8	11.2	9.2	12.0	1.77	10.52	4.29	3.17
16-70-136	0.73	1.9	1.00	1.26	1.31	1.35	1.29	.448	12.5	13.2	13.1	5.7	8.7	9.4	9.0	11.4	9.5	12.4	1.72	10.99	4.39	2.70
16-70-137	0.63	1.5	1.00	1.28	1.32	1.37	1.31	.419	10.2	13.5	13.4	6.2	9.1	9.6	9.2	11.6	9.7	12.6	1.66	11.51	4.40	2.35
16-70-138	0.53	1.2	0.99	1.29	1.34	1.39	1.32	.390	8.2	14.0	13.8	6.8	9.8	9.9	9.5	12.0	10.1	13.1	1.60	12.07	4.40	1.97
16-70-139	20.42	145.2	1.04	1.08	1.10	1.13	1.13	.668	409.5	17.9	15.1	13.4	15.5	15.3	14.8	17.4	14.9	16.9	2.07	9.45	2.72	5.31
16-70-140	16.45	121.8	1.04	1.09	1.10	1.13	1.13	.664	333.4	17.2	14.7	12.7	14.9	14.6	14.2	16.8	14.2	16.3	2.06	9.34	2.77	5.42
16-70-141	13.29	101.7	1.04	1.09	1.11	1.14	1.14	.655	268.6	16.6	14.1	12.0	14.1	13.9	13.5	16.0	13.5	15.6	2.05	9.33	2.82	5.54
16-70-142	11.06	88.4	1.04	1.10	1.12	1.15	1.15	.649	223.5	15.7	13.5	11.0	13.1	13.0	12.6	15.0	12.6	14.7	2.04	9.30	2.88	6.01
16-70-143	9.13	74.3	1.04	1.11	1.13	1.16	1.16	.641	184.4	15.4	13.3	10.5	12.6	12.7	12.3	14.6	12.3	14.3	2.03	9.27	2.94	5.91
16-70-144	7.62	64.3	1.04	1.11	1.14	1.17	1.17	.635	154.2	15.0	12.9	10.0	12.0	12.2	11.8	14.1	11.8	13.8	2.02	9.21	3.00	6.00
16-70-145	6.42	56.5	1.04	1.12	1.15	1.18	1.18	.630	130.6	14.5	12.5	9.3	11.3	11.6	11.2	13.4	11.3	13.2	2.02	9.13	3.06	6.28
16-70-146	5.39	47.2	1.04	1.13	1.16	1.19	1.18	.623	109.7	14.5	12.4	9.2	11.1	11.5	11.1	13.3	11.2	13.1	2.01	9.09	3.14	5.91
16-70-147	4.71	41.9	1.03	1.14	1.17	1.21	1.19	.614	94.5	14.2	12.0	9.0	10.6	11.3	10.9	12.9	11.1	12.7	1.99	9.12	3.22	5.87
16-70-148	3.97	35.9	1.02	1.16	1.19	1.23	1.21	.600	78.1	13.9	11.6	8.4	10.0	10.9	10.4	12.4	10.7	12.2	1.97	9.21	3.32	5.89
16-70-149	3.32	29.7	1.02	1.17	1.21	1.25	1.22	.584	63.8	13.6	11.4	8.0	9.6	10.6	10.1	12.0	10.4	11.9	1.95	9.38	3.43	5.64
16-70-150	2.75	24.0	1.01	1.19	1.23	1.27	1.24	.565	51.4	13.7	11.4	7.9	9.4	10.6	10.1	12.0	10.5	11.9	1.92	9.54	3.57	5.10

Table 6 cont.

RUN NO.	RE*E4	REI*E4	F	F1	STB	STPR	UI/UB	FL/F2	TW/TB	PR	H/Y	BETA	H+	F+W	H+R	H+RW	RH+	RH+R	AS	AR
16-70-151	2.31	3.53	.01134	.02120	.00624	.00611	1.00	3.02	1.66	.693	.0631	.804	42.0	20.0	44.7	21.3	6.82	6.22	2.46	1.53
16-70-152	1.58	2.27	.01149	.02029	.00605	.00577	1.00	2.65	1.59	.692	.0663	.788	27.9	14.5	29.5	15.3	7.16	6.61	2.46	1.55
16-70-153	1.30	1.75	.01122	.01892	.00555	.00534	1.00	2.39	1.62	.692	.0691	.775	21.9	11.2	23.1	11.9	7.55	6.98	2.46	1.57
16-70-154	1.10	1.39	.01090	.01729	.00501	.00485	1.01	2.11	1.63	.692	.0724	.760	17.5	9.0	18.6	9.5	8.09	7.49	2.47	1.58
16-70-155	0.92	1.08	.01051	.01543	.00457	.00444	1.01	1.82	1.64	.692	.0769	.743	13.8	7.1	14.7	7.5	8.81	8.17	2.47	1.59
16-70-156	0.79	0.88	.01046	.01451	.00415	.00403	1.02	1.65	1.64	.692	.0799	.733	11.5	5.9	12.2	6.2	9.22	8.55	2.47	1.61
16-70-157	20.10	37.66	.00966	.02107	.00490	.00535	0.99	4.65	2.01	.690	.0555	.851	378.2	127.5	415.9	140.1	6.85	5.97	2.46	1.43
16-70-158	16.57	30.73	.00989	.02145	.00509	.00551	0.99	4.56	1.98	.689	.0558	.849	313.8	108.8	344.2	119.3	6.76	5.91	2.46	1.44
16-70-159	13.29	24.24	.01014	.02187	.00531	.00572	0.99	4.46	1.97	.689	.0562	.846	252.5	88.7	276.7	97.1	6.66	5.83	2.46	1.44
16-70-160	11.03	19.80	.01033	.02214	.00551	.00591	0.99	4.36	1.96	.689	.0567	.843	209.6	74.9	229.3	82.0	6.60	5.78	2.46	1.45
16-70-161	9.14	16.08	.01052	.02239	.00571	.00611	0.99	4.25	1.96	.688	.0572	.840	173.2	62.7	199.4	68.5	6.54	5.74	2.46	1.46
16-70-162	7.57	13.08	.01072	.02266	.00594	.00632	0.99	4.15	1.94	.688	.0577	.836	143.4	53.0	156.5	57.8	6.48	5.70	2.46	1.46
16-70-163	6.34	10.70	.01084	.02271	.00612	.00649	0.99	4.03	1.93	.688	.0583	.832	119.2	44.8	129.9	48.8	6.47	5.70	2.46	1.47
16-70-164	5.21	8.69	.01115	.02320	.00618	.00651	0.99	3.94	1.91	.687	.0587	.830	98.7	37.7	107.3	41.0	6.36	5.61	2.46	1.48
16-70-165	4.36	6.98	.01099	.02236	.00604	.00639	0.99	3.69	1.92	.687	.0601	.822	80.1	30.8	87.1	33.4	6.56	5.80	2.46	1.49
16-70-166	3.66	5.62	.01037	.02163	.00593	.00629	0.99	3.46	1.93	.687	.0614	.814	65.3	25.3	70.9	27.5	6.74	5.98	2.46	1.49
16-70-167	3.09	4.53	.01070	.02077	.00579	.00614	0.99	3.22	1.93	.687	.0630	.805	53.3	20.9	57.9	22.7	6.98	6.20	2.46	1.50
16-70-168	2.54	3.56	.01061	.02004	.00540	.00576	0.99	2.99	1.95	.688	.0648	.796	42.5	16.6	46.2	18.0	7.18	6.39	2.46	1.51
16-70-169	2.12	2.81	.01049	.01922	.00519	.00555	0.99	2.78	1.95	.688	.0667	.786	34.2	13.6	37.1	14.7	7.42	6.63	2.46	1.52
16-70-170	1.45	1.66	.00996	.01642	.00451	.00475	1.01	2.19	1.91	.686	.0769	.752	21.0	8.9	22.7	5.5	9.04	8.25	2.49	1.51
16-70-171	1.20	1.38	.01021	.01603	.00402	.00423	1.01	2.03	1.91	.686	.0764	.749	17.6	7.3	19.1	7.9	8.83	8.00	2.47	1.54
16-70-172	1.02	1.12	.00993	.01461	.00358	.00376	1.01	1.79	1.91	.686	.0797	.737	14.4	6.0	15.5	6.5	9.41	8.54	2.48	1.56
16-70-173	0.44	0.47	.01102	.01271	.00472	.00413	1.04	1.23	1.29	.701	.0884	.797	6.5	4.7	6.7	4.810.03	9.68	2.47	1.76	
16-70-174	0.37	0.38	.01113	.01224	.00473	.00413	1.04	1.14	1.28	.701	.0921	.697	5.3	3.9	5.5	4.010.26	9.92	2.50	1.84	
16-70-175	0.31	0.31	.01178	.01296	.00472	.00411	1.04	1.14	1.27	.701	.0931	.695	4.5	3.3	4.7	3.4	9.82	9.50	2.51	1.96
16-70-176	0.66	0.70	.01051	.01377	.00381	.00370	1.02	1.50	1.65	.692	.0834	.722	9.4	4.8	10.0	5.1	9.58	8.89	2.47	1.65
16-70-177	0.56	0.57	.01054	.01316	.00360	.00350	1.03	1.38	1.65	.692	.0868	.712	7.8	4.0	8.3	4.2	9.91	9.21	2.48	1.69
16-70-178	0.47	0.47	.01091	.01323	.00358	.00346	1.03	1.32	1.63	.691	.0890	.706	6.6	3.4	7.0	3.6	9.85	9.17	2.47	1.75
16-70-179	0.29	0.26	.01225	.01457	.00530	.00489	1.02	1.27	1.50	.687	.0940	.694	4.0	2.5	4.2	2.6	8.94	8.47	2.48	2.06
16-70-180	0.32	0.30	.01212	.01453	.00373	.00357	1.03	1.23	1.56	.689	.0942	.698	4.6	2.6	4.9	2.7	9.44	8.86	2.49	1.97
16-70-181	0.26	0.26	.01330	.01662	.00377	.00352	1.02	1.36	1.53	.688	.0956	.700	4.1	2.3	4.3	2.4	8.84	8.31	2.49	2.14
16-70-183	0.84	0.89	.00997	.01359	.00308	.00323	1.02	1.59	1.91	.686	.0828	.726	11.7	4.8	12.6	5.2	9.86	8.95	2.48	1.58
16-70-184	0.71	0.76	.01013	.01328	.00267	.00279	1.03	1.48	1.89	.686	.0843	.721	10.0	4.1	10.8	4.4	9.99	9.06	2.49	1.62
16-70-185	0.59	0.62	.01047	.01313	.00239	.00247	1.03	1.40	1.86	.685	.0861	.715	8.4	3.5	9.0	3.810.08	9.16	2.51	1.67	
16-70-186	0.49	0.51	.01056	.01259	.00212	.00217	1.04	1.28	1.83	.684	.0893	.707	6.9	2.9	7.4	3.210.41	9.48	2.54	1.73	
16-70-187	0.41	0.43	.01119	.01338	.00205	.00207	1.04	1.28	1.78	.684	.0901	.705	6.0	2.6	6.4	2.810.09	9.21	2.54	1.81	
16-50-188	23.18	49.62	.02049	.04380	.0	.0	1.00	8.06	1.00	.706	.0982	.952	1457.31457.31457.31457.3	5.46	5.46	2.41	0.92			
16-50-189	17.44	36.92	.02013	.04246	.0	.0	1.00	7.43	1.00	.706	.0992	.949	1080.51080.51080.51080.5	5.57	5.57	2.41	0.92			
16-50-190	13.29	27.91	.02033	.04248	.0	.0	1.00	7.05	1.00	.706	.0999	.947	823.6	823.6	823.6	823.6	5.57	5.57	2.41	0.93
16-50-191	10.16	21.14	.02025	.04179	.0	.0	1.00	6.59	1.00	.706	.1008	.944	625.5	625.5	625.5	625.5	5.63	5.63	2.41	0.93
16-50-192	8.18	16.88	.02027	.04140	.0	.0	1.00	6.26	1.00	.705	.1015	.942	501.7	501.7	501.7	501.7	5.67	5.67	2.41	0.93
16-50-193	6.51	13.32	.02042	.04129	.0	.0	1.00	5.95	1.00	.706	.1023	.940	398.7	398.7	398.7	398.7	5.68	5.68	2.42	0.93
16-50-194	5.36	10.91	.02067	.04147	.0	.0	1.00	5.74	1.00	.706	.1029	.938	329.4	329.4	329.4	329.4	5.66	5.66	2.42	0.94
16-50-195	4.44	8.97	.02099	.04183	.0	.0	1.00	5.55	1.00	.706	.1034	.937	273.8	273.8	273.8	273.8	5.63	5.63	2.42	0.94
16-50-196	3.61	7.25	.02135	.04217	.0	.0	1.01	5.34	1.00	.706	.1040	.935	223.9	223.9	223.9	223.9	5.60	5.60	2.42	0.95
16-50-197	3.48	6.99	.02168	.04289	.0	.0	1.01	5.37	1.00	.705	.1039	.935	217.4	217.4	217.4	217.4	5.54	5.54	2.42	0.95
16-50-198	2.94	5.88	.02139	.04295	.0	.0	1.01	5.18	1.00	.705	.1045	.934	184.1	184.1	184.1	184.1	5.53	5.53	2.42	0.96
16-50-199	2.45	4.95	.02222	.04323	.0	.0	1.01	4.99	1.00	.707	.1052	.932	153.7	153.7	153.7	153.7	5.51	5.51	2.42	0.96
16-50-200	2.04	4.04	.02294	.04443	.0	.0	1.01	4.90	1.00	.707	.1055	.931	130.1	130.1	130.1	130.1	5.41	5.41	2.42	0.97

RUN NO.	RE*E4	Q<Kw/M2>	ST+/ 1.00	ST*/ 1.21	ST1*/ 1.25	ST2*/ 1.30	ST1F/ 1.25	A1/AB .549	H+ 42.0	G+ 13.6	GPR1 11.3	G* 7.6	3*R 9.0	G*1 10.3	GT 9.8	GTR 11.7	GTF 10.3	GTR 11.7	X 1.90	YP 9.71	AH 3.71	TP 4.84
16-70-151	2.31	19.7	1.00	1.21	1.25	1.30	1.25	.549	42.0	13.6	11.3	7.6	9.0	10.3	9.8	11.7	10.3	11.7	1.90	9.71	3.71	4.84
16-70-152	1.58	12.1	1.00	1.24	1.29	1.34	1.28	.517	27.9	13.8	11.9	7.1	8.9	10.1	9.6	11.6	10.2	11.9	1.85	9.93	3.99	4.13
16-70-153	1.30	9.5	0.98	1.27	1.32	1.38	1.29	.491	21.9	14.4	12.3	7.3	9.1	10.5	10.0	12.0	10.8	12.5	1.80	10.28	4.26	3.31
16-70-154	1.10	7.3	0.97	1.29	1.33	1.39	1.29	.463	17.5	15.2	12.8	8.1	9.9	11.2	10.7	12.8	11.6	13.4	1.75	10.76	4.39	2.53
16-70-155	0.92	5.7	0.96	1.30	1.34	1.41	1.30	.430	13.8	15.7	13.2	8.9	10.7	11.6	11.1	13.2	12.1	13.8	1.68	11.38	4.40	2.05
16-70-156	0.79	4.3	0.94	1.29	1.33	1.39	1.28	.410	11.5	16.7	14.0	10.3	12.3	12.8	12.2	14.5	13.3	15.1	1.64	11.74	4.40	1.50
16-70-157	20.10	231.0	1.01	1.11	1.13	1.17	1.15	.649	378.3	18.2	13.3	14.0	14.1	15.6	15.0	16.4	15.4	15.5	2.04	9.74	2.83	5.55
16-70-158	16.57	198.7	1.01	1.11	1.14	1.18	1.15	.644	313.8	17.6	13.0	13.2	13.5	14.9	14.4	15.8	14.7	15.0	2.03	9.66	2.87	5.67
16-70-159	13.29	166.6	1.00	1.12	1.15	1.19	1.16	.638	252.5	16.8	12.5	12.4	12.8	14.2	13.6	15.1	14.0	14.3	2.02	9.56	2.94	5.86
16-70-160	11.03	142.6	1.01	1.13	1.16	1.20	1.17	.631	209.6	16.3	12.1	11.7	12.1	13.5	13.0	14.4	13.4	13.7	2.02	9.50	3.00	6.08
16-70-161	9.14	123.7	1.00	1.14	1.17	1.22	1.18	.624	173.2	15.7	11.7	11.0	11.4	12.9	12.3	13.8	12.7	13.1	2.01	9.45	3.07	6.30
16-70-162	7.57	106.1	1.00	1.16	1.19	1.23	1.20	.617	143.4	15.0	11.3	10.2	10.6	12.2	11.6	13.1	12.0	12.5	2.00	9.40	3.14	6.59
16-70-163	6.34	91.6	1.00	1.17	1.20	1.25	1.21	.608	119.2	14.4	10.9	9.5	10.0	11.6	11.0	12.4	11.5	11.5	1.98	9.38	3.22	6.80
16-70-164	5.21	75.9	0.99	1.17	1.21	1.26	1.22	.602	98.7	14.4	10.9	9.3	9.8	11.5	10.9	12.4	11.4	11.9	1.98	9.29	3.30	6.34
16-70-165	4.36	62.4	0.98	1.19	1.23	1.28	1.23	.585	80.1	14.3	10.8	9.1	9.6	11.3	10.8	12.2	11.3	11.8	1.95	9.46	3.42	5.87
16-70-166	3.66	51.1	0.97	1.21	1.25	1.31	1.25	.569	65.3	14.2	10.7	8.9	9.3	11.2	10.6	12.0	11.2	11.6	1.93	9.61	3.54	5.49
16-70-167	3.09	42.1	0.96	1.23	1.27	1.34	1.26	.550	53.3	14.1	10.6	8.6	9.0	11.0	10.3	11.8	11.1	11.5	1.90	9.81	3.67	5.14
16-70-168	2.54	32.3	0.94	1.25	1.29	1.35	1.27	.532	42.5	14.7	11.0	9.1	9.4	11.6	10.9	12.3	11.8	12.1	1.87	9.99	3.86	4.07
16-70-169	2.12	25.8	0.92	1.27	1.32	1.39	1.28	.512	34.2	14.5	10.9	9.0	9.3	11.6	10.8	12.3	11.9	12.2	1.84	10.20	4.05	3.64
16-70-170	1.45	15.4	0.91	1.40	1.45	1.54	1.34	.446	21.0	15.5	11.8	9.3	9.8	11.4	11.1	12.7	12.4	12.9	1.70	11.04	4.39	4.00
16-70-171	1.20	11.5	0.90	1.31	1.35	1.43	1.28	.441	17.6	17.3	13.1	11.7	12.3	13.9	13.3	15.1	14.7	15.3	1.70	11.17	4.40	1.84
16-70-172	1.02	8.6	0.87	1.29	1.32	1.40	1.27	.417	14.4	18.1	13.8	13.5	14.1	15.5	14.7	16.6	16.3	16.9	1.65	11.70	4.40	1.23
16-70-173	0.44	1.0	0.97	1.32	1.38	1.42	1.35	.363	6.5	13.7	13.5	6.8	9.8	9.5	9.2	11.6	9.9	12.8	1.53	12.54	4.40	1.95
16-70-174	0.37	0.8	0.96	1.36	1.42	1.46	1.37	.346	5.3	13.1	13.0	6.5	9.5	8.9	9.7	11.0	9.3	12.2	1.49	12.78	4.40	2.16
16-70-175	0.31	0.7	0.96	1.36	1.42	1.45	1.37	.343	4.5	13.4	13.3	6.9	10.1	9.1	9.0	11.5	9.6	12.6	1.48	12.42	4.40	2.11
16-70-176	0.66	3.3	0.93	1.28	1.32	1.38	1.28	.390	9.4	17.7	14.9	11.7	13.7	13.9	13.3	15.7	14.4	16.4	1.60	12.05	4.40	1.15
16-70-177	0.56	2.6	0.91	1.29	1.32	1.38	1.28	.372	7.8	18.0	15.1	12.6	14.7	14.5	13.9	16.4	15.0	17.0	1.55	12.33	4.40	1.01
16-70-178	0.47	2.1	0.90	1.29	1.33	1.38	1.28	.362	6.6	17.9	15.1	12.7	15.0	14.5	14.0	16.5	15.0	17.2	1.53	12.29	4.40	0.95
16-70-179	0.29	1.7	0.93	1.51	1.62	1.63	1.49	.340	4.0	12.1	11.0	5.8	8.0	7.2	7.2	9.2	7.7	9.7	1.47	11.71	4.40	4.57
16-70-180	0.32	1.4	0.86	1.34	1.41	1.43	1.32	.347	4.6	16.8	14.7	12.5	15.2	13.5	13.6	16.4	14.2	16.7	1.48	11.73	4.40	1.36
16-70-181	0.26	1.0	0.84	1.35	1.42	1.42	1.32	.351	4.1	17.9	15.9	14.3	17.5	14.7	15.4	18.6	15.2	18.1	1.48	10.97	4.40	1.53
16-70-183	0.34	6.2	0.85	1.26	1.27	1.35	1.24	.397	11.7	20.1	15.4	16.6	17.4	18.4	17.4	19.6	19.1	19.9	1.61	12.13	4.40	0.70
16-70-184	0.71	4.3	0.84	1.22	1.22	1.29	1.20	.387	10.0	22.9	17.6	20.7	21.8	22.4	21.2	23.7	22.9	24.0	1.59	12.27	4.40	0.41
16-70-185	0.59	3.1	0.81	1.19	1.19	1.26	1.18	.378	8.4	25.1	19.5	24.4	25.0	26.1	24.8	27.7	26.3	27.8	1.56	12.32	4.40	0.28
16-70-186	0.49	2.2	0.81	1.17	1.16	1.23	1.16	.362	6.9	27.8	21.9	28.2	30.4	29.9	28.2	31.7	29.6	31.6	1.53	12.61	4.40	0.19
16-70-187	0.41	1.7	0.76	1.16	1.15	1.21	1.16	.360	6.0	27.8	22.3	30.9	33.8	32.4	30.9	34.9	31.8	34.4	1.52	12.23	4.40	0.17
16-50-188	23.18	0.0	0.0	0.0	0.0	0.0	0.0	.881	1457.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.42	6.76		
16-50-189	17.44	0.0	0.0	0.0	0.0	0.0	0.0	.874	1080.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.41	6.86		
16-50-190	13.29	0.0	0.0	0.0	0.0	0.0	0.0	.869	823.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.40	6.86		
16-50-191	10.16	0.0	0.0	0.0	0.0	0.0	0.0	.862	625.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.39	6.92		
16-50-192	8.18	0.0	0.0	0.0	0.0	0.0	0.0	.857	501.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.38	6.95		
16-50-193	6.51	0.0	0.0	0.0	0.0	0.0	0.0	.852	398.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.37	6.96		
16-50-194	5.36	0.0	0.0	0.0	0.0	0.0	0.0	.848	329.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.37	6.94		
16-50-195	4.44	0.0	0.0	0.0	0.0	0.0	0.0	.844	273.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.36	6.91		
16-50-196	3.61	0.0	0.0	0.0	0.0	0.0	0.0	.840	223.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.35	6.89		
16-50-197	3.48	0.0	0.0	0.0	0.0	0.0	0.0	.840	217.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.35	6.83		
16-50-198	2.94	0.0	0.0	0.0	0.0	0.0	0.0	.836	184.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.35	6.82		
16-50-199	2.45	0.0	0.0	0.0	0.0	0.0	0.0	.832	153.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.34	6.80		
16-50-200	2.04	0.0	0.0	0.0	0.0	0.0	0.0	.830	130.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.34	6.71		

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	FL/F2	T#//TB	PR	H/Y	BETA	H+	H+h	H+R	H+RW	RH+	RH+R	AS	AR
16-50-201	1.72	3.37	.02304	.04414	.0	.0	1.01	4.68	1.00	.707	.1064	.929	109.2	109.2	109.2	109.2	5.43	5.43	2.42	0.98
16-50-202	1.46	2.84	.02323	.04405	.0	.0	1.01	4.49	1.00	.707	.1072	.926	92.9	92.9	92.9	92.9	5.44	5.44	2.42	0.98
16-50-203	1.23	2.38	.02349	.04406	.0	.0	1.01	4.31	1.00	.708	.1081	.924	78.4	78.4	78.4	78.4	5.43	5.43	2.43	0.99
16-50-204	1.03	1.98	.02366	.04383	.0	.0	1.01	4.11	1.00	.708	.1090	.922	65.7	65.7	65.7	65.7	5.45	5.45	2.43	1.00
16-50-205	0.87	1.64	.02377	.04341	.0	.0	1.01	3.90	1.00	.708	.1102	.919	55.0	55.0	55.0	55.0	5.48	5.48	2.43	1.01
16-50-206	0.75	1.39	.02364	.04244	.0	.0	1.01	3.68	1.00	.708	.1115	.916	46.7	46.7	46.7	46.7	5.57	5.57	2.43	1.02
16-50-207	0.63	1.16	.02372	.04186	.0	.0	1.01	3.48	1.00	.708	.1123	.913	39.2	39.2	39.2	39.2	5.61	5.61	2.43	1.02
16-50-208	0.53	0.96	.02358	.04078	.0	.0	1.02	3.25	1.00	.708	.1145	.909	32.7	32.7	32.7	32.7	5.71	5.71	2.43	1.03
16-50-209	0.43	0.75	.02294	.03819	.0	.0	1.02	2.90	1.00	.708	.1176	.902	25.5	25.5	25.5	25.5	5.96	5.96	2.44	1.04
16-50-210	0.36	0.63	.02361	.03888	.0	.0	1.02	2.81	1.00	.708	.1185	.900	21.7	21.7	21.7	21.7	5.88	5.88	2.44	1.06
16-50-211	0.30	0.52	.02310	.03680	.0	.0	1.02	2.56	1.00	.708	.1215	.894	18.0	18.0	18.0	18.0	6.10	6.10	2.44	1.08
16-50-212	0.26	0.44	.02240	.03436	.0	.0	1.03	2.32	1.00	.709	.1243	.887	15.0	15.0	15.0	15.0	6.38	6.38	2.44	1.09
16-50-213	0.22	0.29	.01500	.01688	.0	.0	1.06	1.20	1.00	.709	.1551	.840	9.1	9.1	9.1	9.1	10.02	10.02	2.45	0.94
16-50-214	0.19	0.23	.01436	.01472	.0	.0	1.07	1.02	1.00	.709	.1657	.828	7.2	7.2	7.2	7.2	10.86	10.86	2.48	0.94
16-50-215	0.15	0.20	.01644	.01755	.0	.0	1.06	1.14	1.00	.709	.1590	.835	6.6	6.6	6.6	6.6	9.62	9.62	2.45	1.05
16-50-216	0.13	0.18	.01909	.02266	.0	.0	1.05	1.33	1.00	.709	.1503	.846	6.3	6.3	6.3	6.3	8.30	8.30	2.45	1.16
16-50-217	16.78	35.05	.01945	.04075	.00710	.00596	1.00	7.18	1.15	.699	.1000	.947	1015.0	804.9	1034.9	820.7	5.73	5.60	2.41	0.92
16-50-218	22.78	48.14	.01959	.04157	.00664	.00558	1.00	7.74	1.15	.699	.0990	.950	1391.6	1103.9	1418.8	1125.5	5.65	5.52	2.41	0.91
16-50-219	12.67	26.24	.01974	.04099	.00746	.00627	1.00	6.84	1.15	.698	.1007	.945	768.4	609.7	783.4	621.6	5.71	5.58	2.41	0.92
16-50-220	9.49	19.44	.01975	.04049	.00812	.00680	1.00	6.39	1.14	.698	.1017	.942	572.1	460.1	592.7	468.6	5.76	5.63	2.41	0.92
16-50-221	7.58	15.38	.01978	.04012	.00858	.00718	1.00	6.06	1.14	.698	.1025	.940	455.1	368.0	463.3	374.6	5.79	5.67	2.42	0.93
16-50-222	5.02	12.11	.01999	.04015	.00908	.00759	1.00	5.78	1.13	.698	.1032	.938	361.5	293.5	367.8	298.7	5.79	5.67	2.42	0.93
16-50-223	4.94	9.86	.02017	.04018	.00958	.00800	1.01	5.55	1.13	.697	.1039	.936	296.9	242.2	302.0	246.4	5.79	5.67	2.42	0.93
16-50-224	4.13	8.20	.02070	.04103	.00980	.00818	1.01	5.44	1.13	.697	.1043	.935	250.5	204.4	254.8	207.9	5.71	5.59	2.42	0.94
16-50-225	3.29	6.47	.02100	.04120	.01069	.00891	1.01	5.19	1.12	.697	.1051	.932	199.9	164.8	203.2	167.4	5.70	5.59	2.42	0.95
16-50-226	3.30	6.51	.02118	.04166	.01071	.00894	1.01	5.25	1.13	.697	.1050	.933	201.9	164.9	205.3	167.7	5.66	5.54	2.42	0.95
16-50-227	2.63	5.13	.02164	.04216	.01153	.00959	1.01	5.04	1.12	.695	.1057	.931	161.3	133.4	163.9	135.6	5.61	5.50	2.42	0.96
16-50-228	2.18	4.22	.02205	.04261	.01202	.00997	1.01	4.87	1.11	.696	.1063	.929	134.5	113.0	136.5	114.7	5.57	5.47	2.42	0.96
16-50-229	1.81	3.49	.02272	.04368	.01239	.01028	1.01	4.76	1.12	.695	.1068	.928	113.1	94.8	114.8	96.2	5.48	5.38	2.42	0.97
16-50-230	1.52	2.90	.02292	.04360	.01295	.01074	1.01	4.56	1.11	.696	.1077	.926	94.7	79.7	96.1	80.9	5.48	5.39	2.43	0.98
16-50-231	1.28	2.43	.02325	.04382	.01327	.01100	1.01	4.40	1.11	.696	.1084	.924	80.2	67.6	81.4	68.6	5.46	5.37	2.43	0.99
16-50-232	1.09	2.04	.02315	.04303	.01336	.01109	1.01	4.17	1.12	.696	.1096	.921	67.7	56.8	68.7	57.6	5.53	5.43	2.43	0.99
16-50-233	0.91	1.66	.02301	.04199	.01356	.01126	1.01	3.91	1.12	.696	.1112	.917	55.5	46.6	56.3	47.3	5.62	5.52	2.43	1.00
16-50-234	0.77	1.40	.02273	.04069	.01343	.01115	1.01	3.66	1.12	.696	.1123	.913	46.6	39.2	47.3	39.8	5.74	5.64	2.43	1.00
16-50-235	0.66	1.17	.02248	.03943	.01309	.01088	1.02	3.42	1.12	.696	.1145	.909	39.0	32.8	39.6	33.3	5.86	5.76	2.43	1.01
16-50-236	0.55	0.95	.02234	.03830	.01265	.01053	1.02	3.18	1.12	.696	.1165	.905	31.9	26.7	32.4	27.1	5.97	5.87	2.43	1.02
16-50-237	0.47	0.80	.02161	.03594	.01180	.00985	1.02	2.90	1.13	.697	.1192	.899	26.7	22.2	27.2	22.5	6.23	6.11	2.44	1.02
16-50-238	0.38	0.62	.02168	.03502	.01133	.00945	1.02	2.68	1.13	.697	.1219	.893	21.2	17.6	21.5	17.8	6.33	6.21	2.44	1.04
16-50-239	0.32	0.51	.02075	.03202	.01011	.00846	1.03	2.37	1.14	.697	.1261	.885	17.1	14.0	17.2	14.3	6.71	6.58	2.44	1.04
16-50-240	0.27	0.41	.01939	.02808	.00875	.00734	1.03	2.03	1.15	.698	.1322	.874	13.7	11.2	13.9	11.4	7.31	7.17	2.44	1.04
16-50-241	0.24	0.32	.01597	.01967	.00543	.00462	1.05	1.44	1.19	.699	.1486	.849	10.1	7.9	10.3	8.0	9.16	8.94	2.45	0.97
16-50-242	0.20	0.24	.01412	.01479	.00337	.00291	1.07	1.07	1.22	.699	.1668	.827	7.6	5.6	7.8	5.8	10.86	10.57	2.45	0.90
16-50-243	2.83	5.36	.02035	.03943	.01094	.00944	1.01	4.92	1.27	.685	.1070	.928	166.1	114.1	171.5	117.8	5.88	5.65	2.42	0.94
16-50-244	2.25	4.25	.02093	.04024	.01125	.00973	1.01	4.76	1.27	.684	.1077	.926	133.6	91.4	138.0	94.4	5.80	5.57	2.43	0.95
16-50-245	1.86	3.47	.02136	.04073	.01203	.01035	1.01	4.60	1.26	.684	.1085	.924	110.5	77.0	114.1	79.5	5.75	5.54	2.43	0.96
16-50-246	1.55	2.86	.02167	.04092	.01248	.01072	1.01	4.43	1.25	.684	.1093	.922	92.2	54.9	95.0	66.9	5.74	5.53	2.43	0.96
16-50-247	1.29	2.35	.02180	.04064	.01278	.01096	1.01	4.22	1.25	.684	.1104	.919	76.4	54.3	78.7	55.9	5.76	5.56	2.43	0.97
16-50-248	1.08	1.92	.02152	.03939	.01279	.01097	1.01	3.94	1.25	.684	.1121	.915	62.7	44.7	64.6	46.0	5.88	5.68	2.43	0.98
16-50-249	0.92	1.62	.02124	.03815	.01260	.01080	1.01	3.69	1.25	.684	.1138	.911	52.7	37.7	54.3	38.8	6.01	5.80	2.43	0.98
16-50-250	0.77	1.33	.02078	.03642	.01228	.01054	1.01	3.40	1.25	.685	.1160	.906	43.3	31.0	44.5	31.9	6.20	5.99	2.43	0.98

RUN NO.	RE*E4	DCKw/M2>	ST+/ ST*/	ST1*/ STT*/ STIF/	A1/AB	H+	G+	GPRI	G*	S*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP			
16-50-201	1.72	0.0	0.0	0.0	0.0	0.0	0.0	.824	109.2	0.0	0.0	0.0	0.0	0.0	0.0	1.33	6.73					
16-50-202	1.46	0.0	0.0	0.0	0.0	0.0	0.0	.820	92.9	0.0	0.0	0.0	0.0	0.0	0.0	1.32	6.74					
16-50-203	1.23	0.0	0.0	0.0	0.0	0.0	0.0	.815	78.4	0.0	0.0	0.0	0.0	0.0	0.0	1.31	6.74					
16-50-204	1.03	0.0	0.0	0.0	0.0	0.0	0.0	.809	65.7	0.0	0.0	0.0	0.0	0.0	0.0	1.30	6.75					
16-50-205	0.87	0.0	0.0	0.0	0.0	0.0	0.0	.802	55.0	0.0	0.0	0.0	0.0	0.0	0.0	1.29	6.79					
16-50-206	0.75	0.0	0.0	0.0	0.0	0.0	0.0	.794	46.7	0.0	0.0	0.0	0.0	0.0	0.0	1.28	6.86					
16-50-207	0.63	0.0	0.0	0.0	0.0	0.0	0.0	.787	39.2	0.0	0.0	0.0	0.0	0.0	0.0	1.27	6.91					
16-50-208	0.53	0.0	0.0	0.0	0.0	0.0	0.0	.778	32.7	0.0	0.0	0.0	0.0	0.0	0.0	1.25	7.00					
16-50-209	0.43	0.0	0.0	0.0	0.0	0.0	0.0	.762	25.5	0.0	0.0	0.0	0.0	0.0	0.0	1.22	7.24					
16-50-210	0.36	0.0	0.0	0.0	0.0	0.0	0.0	.757	21.7	0.0	0.0	0.0	0.0	0.0	0.0	1.21	7.17					
16-50-211	0.30	0.0	0.0	0.0	0.0	0.0	0.0	.744	18.0	0.0	0.0	0.0	0.0	0.0	0.0	1.19	7.37					
16-50-212	0.26	0.0	0.0	0.0	0.0	0.0	0.0	.729	15.0	0.0	0.0	0.0	0.0	0.0	0.0	1.16	7.63					
16-50-213	0.22	0.0	0.0	0.0	0.0	0.0	0.0	.625	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.93	10.89					
16-50-214	0.19	0.0	0.0	0.0	0.0	0.0	0.0	.599	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.86	11.66					
16-50-215	0.15	0.0	0.0	0.0	0.0	0.0	0.0	.615	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.90	10.56					
16-50-216	0.13	0.0	0.0	0.0	0.0	0.0	0.0	.639	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.96	9.39					
16-50-217	16.78	68.0	1.15	1.02	1.04	1.03	1.07	.823	1015.0	21.8	23.3	16.3	20.6	18.1	18.2	22.4	17.6	21.9	1.40	7.01	2.43	4.54
16-50-218	22.73	86.1	1.14	1.02	1.03	1.03	1.06	.833	1391.6	23.5	25.1	18.0	22.6	19.7	19.8	24.4	19.2	23.9	1.41	6.94	2.39	4.10
16-50-219	12.67	54.5	1.15	1.03	1.04	1.04	1.07	.816	768.4	20.8	22.2	15.3	19.5	17.1	17.3	21.3	16.6	20.7	1.39	6.99	2.48	4.71
16-50-220	9.49	41.9	1.17	1.03	1.05	1.04	1.08	.807	572.1	19.2	20.6	13.6	17.4	15.4	15.6	19.3	14.5	18.7	1.38	7.03	2.53	5.49
16-50-221	7.53	34.6	1.17	1.03	1.06	1.04	1.09	.799	455.1	18.0	19.4	12.5	15.1	14.4	14.6	18.1	13.9	17.4	1.37	7.06	2.57	5.97
16-50-222	6.02	28.8	1.18	1.04	1.06	1.05	1.10	.793	361.5	17.2	18.5	11.6	15.0	13.4	13.7	17.0	12.9	16.3	1.36	7.06	2.62	6.47
16-50-223	4.94	24.5	1.19	1.04	1.07	1.05	1.11	.786	296.9	16.3	17.6	10.7	14.0	12.6	12.9	16.0	12.1	15.3	1.36	7.06	2.66	7.01
16-50-224	4.13	21.1	1.18	1.04	1.07	1.05	1.11	.783	250.5	16.0	17.3	10.5	13.7	12.4	12.7	15.8	11.8	15.0	1.35	6.98	2.70	6.83
16-50-225	3.29	17.7	1.22	1.05	1.08	1.06	1.13	.776	199.9	15.0	16.3	9.2	12.2	11.1	11.5	14.3	10.6	13.6	1.34	6.97	2.75	8.08
16-50-226	3.30	18.8	1.22	1.05	1.08	1.06	1.13	.777	201.9	15.1	16.3	9.2	12.2	11.2	11.5	14.4	10.7	13.6	1.34	6.93	2.75	8.06
16-50-227	2.63	15.7	1.25	1.05	1.09	1.06	1.14	.770	161.3	14.5	15.7	8.3	11.1	10.2	10.6	13.3	9.7	12.5	1.34	6.89	2.81	9.04
16-50-228	2.18	12.4	1.25	1.06	1.10	1.06	1.15	.765	134.5	13.9	15.2	7.7	10.5	9.8	10.1	12.7	9.2	12.0	1.33	6.85	2.86	9.38
16-50-229	1.81	10.9	1.26	1.06	1.11	1.07	1.16	.761	113.1	13.7	14.9	7.4	10.1	9.5	9.9	12.4	9.0	11.6	1.33	6.77	2.92	9.33
16-50-230	1.52	9.3	1.26	1.07	1.12	1.07	1.18	.754	94.7	13.1	14.3	6.8	9.4	8.9	9.3	11.8	8.4	11.0	1.32	6.77	2.98	10.01
16-50-231	1.28	8.0	1.26	1.07	1.13	1.08	1.19	.743	80.2	12.8	14.0	6.5	9.0	8.6	9.1	11.4	8.1	10.6	1.31	6.76	3.04	10.06
16-50-232	1.09	7.0	1.27	1.08	1.14	1.08	1.20	.733	67.7	12.6	13.8	6.2	8.7	8.4	8.8	11.1	7.9	10.3	1.30	6.82	3.11	9.93
16-50-233	0.91	5.9	1.30	1.09	1.15	1.09	1.22	.726	55.5	12.6	13.7	5.8	8.2	8.0	8.5	10.7	7.5	9.9	1.28	6.90	3.20	10.03
16-50-234	0.77	5.0	1.32	1.10	1.16	1.10	1.23	.714	46.6	12.7	13.9	5.6	9.0	7.9	8.4	10.6	7.4	9.7	1.27	7.01	3.28	9.58
16-50-235	0.66	4.2	1.33	1.11	1.17	1.11	1.24	.702	39.0	13.0	14.1	5.6	8.0	7.9	8.4	10.6	7.4	9.8	1.25	7.12	3.38	8.75
16-50-236	0.55	3.4	1.34	1.11	1.18	1.12	1.25	.693	31.9	13.5	14.6	5.6	8.1	8.0	8.5	10.8	7.5	10.0	1.23	7.23	3.50	7.73
16-50-237	0.47	2.9	1.33	1.12	1.19	1.13	1.25	.670	26.7	13.9	15.0	5.9	8.4	8.4	8.8	11.1	7.9	10.4	1.21	7.46	3.63	6.49
16-50-238	0.38	2.2	1.34	1.13	1.20	1.14	1.26	.653	21.2	14.5	15.7	6.0	8.6	8.5	9.0	11.3	8.1	10.6	1.19	7.56	3.81	5.65
16-50-239	0.32	1.8	1.33	1.14	1.21	1.15	1.25	.627	17.1	15.5	16.6	6.6	9.4	9.2	9.7	12.1	8.8	11.5	1.15	7.90	4.02	4.33
16-50-240	0.27	1.4	1.33	1.15	1.21	1.17	1.25	.594	13.7	17.1	18.2	7.4	10.4	10.1	10.5	13.1	9.7	12.6	1.10	8.44	4.27	3.24
16-50-241	0.24	0.9	1.28	1.13	1.18	1.16	1.20	.521	10.1	22.7	23.6	12.5	15.3	14.8	14.9	18.3	14.3	18.1	0.97	10.08	4.40	1.05
16-50-242	0.20	0.6	1.46	1.09	1.11	1.13	1.12	.457	7.6	36.8	37.6	20.6	25.8	22.4	22.0	26.7	21.9	27.0	0.85	11.63	4.40	0.31
16-50-243	2.83	50.0	1.20	1.06	1.11	1.07	1.15	.761	166.1	14.2	14.2	8.4	11.0	10.4	10.7	13.2	9.5	12.4	1.32	7.12	2.86	9.19
16-50-244	2.25	43.3	1.19	1.07	1.11	1.08	1.16	.755	133.6	13.8	13.9	8.1	10.6	10.1	10.4	12.9	9.6	12.1	1.32	7.05	2.93	8.97
16-50-245	1.80	36.8	1.21	1.08	1.13	1.09	1.18	.749	110.5	13.1	13.3	7.3	9.6	9.3	9.7	12.0	8.8	11.2	1.31	7.01	2.99	10.05
16-50-246	1.55	31.3	1.22	1.09	1.14	1.09	1.19	.742	92.2	12.7	12.9	6.8	9.1	8.8	9.2	11.5	8.4	10.6	1.30	6.99	3.06	10.42
16-50-247	1.29	26.1	1.23	1.09	1.15	1.10	1.21	.733	76.4	12.5	12.7	6.3	8.6	8.4	8.9	11.1	8.0	10.2	1.29	7.01	3.13	10.56
16-50-248	1.03	21.6	1.25	1.10	1.16	1.11	1.23	.720	62.7	12.5	12.7	6.0	8.3	8.2	8.6	10.8	7.7	9.9	1.27	7.13	3.22	10.33
16-50-249	0.92	17.9	1.25	1.11	1.17	1.12	1.24	.708	52.7	12.5	12.7	5.9	8.2	8.1	8.6	10.7	7.6	9.8	1.26	7.24	3.30	9.69
16-50-250	0.77	14.6	1.28	1.12	1.19	1.13	1.25	.693	43.3	12.8	13.0	5.8	8.0	8.1	8.5	10.6	7.6	9.8	1.24	7.41	3.41	8.98

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
16-50-251	0.65	1.09	.02050	.03507	.01180	.01014	1.02	3.16	1.25	.685	.1182	.902	35.5	25.4	36.6	26.2	6.35	6.14	2.44	0.99
16-50-252	0.55	0.90	.02011	.03351	.01122	.00967	1.02	2.92	1.26	.685	.1208	.896	29.5	20.9	30.3	21.5	6.55	6.32	2.44	0.99
16-50-253	0.47	0.75	.01970	.03190	.01057	.00914	1.02	2.69	1.27	.685	.1236	.891	24.6	17.3	25.3	17.9	6.76	6.53	2.44	0.99
16-50-254	0.40	0.61	.01919	.02998	.00985	.00853	1.03	2.44	1.28	.685	.1271	.884	20.2	14.2	20.8	14.7	7.04	6.80	2.44	1.00
16-50-255	0.33	0.48	.01801	.02636	.00811	.00709	1.03	2.08	1.30	.686	.1338	.872	15.5	10.7	16.1	11.1	7.65	7.37	2.44	0.99
16-50-256	0.28	0.37	.01590	.02079	.00596	.00530	1.04	1.62	1.35	.686	.1456	.854	11.9	7.8	12.3	8.1	8.89	8.54	2.45	0.95
16-50-257	0.23	0.27	.01351	.01436	.00290	.00268	1.07	1.10	1.45	.687	.1680	.827	8.4	4.8	8.8	5.11	1.010	.55	2.45	0.85
16-50-258	0.20	0.23	.01468	.01597	.00306	.00279	1.06	1.14	1.41	.686	.1647	.831	7.4	4.5	7.8	4.710	.39	9.91	2.45	0.93
16-50-259	0.16	0.21	.01739	.02076	.00337	.00303	1.05	1.35	1.37	.685	.1536	.844	7.1	4.4	7.4	4.6	8.83	8.44	2.45	1.07
16-50-260	0.13	0.18	.01970	.02457	.00402	.00354	1.05	1.47	1.32	.684	.1493	.849	6.3	4.1	6.5	4.3	7.92	7.60	2.45	1.17
16-50-261	0.11	0.15	.02222	.02866	.00483	.00418	1.04	1.58	1.27	.683	.1465	.853	5.5	3.9	5.7	4.0	7.14	6.89	2.45	1.27
16-50-262	0.09	0.13	.02669	.03712	.00532	.00455	1.03	1.85	1.24	.682	.1385	.864	5.3	3.8	5.4	3.9	5.92	5.71	2.45	1.38
16-50-263	0.21	0.24	.01409	.01479	.00343	.00297	1.07	1.07	1.24	.699	.1668	.827	7.6	5.5	7.8	5.710	.8710	.56	2.45	0.90
16-50-264	0.16	0.21	.01706	.01992	.00395	.00339	1.05	1.30	1.22	.698	.1544	.842	7.1	5.2	7.2	5.3	9.04	8.78	2.45	1.06
16-50-265	0.14	0.19	.01959	.02433	.00466	.00397	1.05	1.46	1.20	.698	.1480	.850	6.5	5.0	6.7	5.1	7.94	7.74	2.45	1.16
16-50-266	0.11	0.16	.02376	.03214	.00516	.00438	1.03	1.74	1.19	.696	.1396	.862	6.1	4.7	6.3	4.8	6.57	6.40	2.45	1.28

RUN NO.	RE+E4	Q<KW/M2>	ST+/ ST*/	ST1*/ STT*/	ST1F/ A1/AB	H+	G+	GPR1	G*	S*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP			
16-50-251	0.65	11.8	1.29	1.13	1.20	1.14	1.26	.677	35.5	13.3	13.5	5.9	8.2	8.2	8.6	10.8	7.7	9.9	1.22	7.55	3.54	7.91
16-50-252	0.55	9.8	1.29	1.14	1.21	1.16	1.27	.661	29.5	13.7	13.8	6.0	8.3	8.4	8.8	11.0	7.9	10.2	1.19	7.73	3.67	6.88
16-50-253	0.47	8.2	1.28	1.15	1.22	1.17	1.27	.644	24.6	14.1	14.2	6.3	8.6	8.7	9.1	11.3	8.2	10.5	1.17	7.92	3.82	5.89
16-50-254	0.40	6.5	1.28	1.16	1.23	1.19	1.28	.623	20.2	14.9	14.9	6.5	9.0	9.0	9.4	11.7	8.6	11.0	1.14	8.17	4.00	4.99
16-50-255	0.33	4.6	1.26	1.17	1.23	1.20	1.26	.588	15.5	16.9	16.7	8.0	10.7	10.6	10.9	13.4	10.1	12.7	1.09	8.71	4.31	3.17
16-50-256	0.28	3.2	1.22	1.16	1.20	1.20	1.23	.534	11.9	20.3	19.6	11.3	14.3	13.6	13.6	16.5	12.9	15.8	1.00	9.81	4.40	1.59
16-50-257	0.23	1.5	1.19	1.09	1.09	1.14	1.11	.455	8.4	35.3	32.4	25.3	29.6	27.0	25.8	30.2	25.5	29.6	0.84	11.80	4.40	0.24
16-50-258	0.20	1.3	1.23	1.09	1.09	1.13	1.11	.465	7.4	36.0	33.7	25.0	29.7	27.0	25.7	30.4	25.5	30.0	0.87	11.19	4.40	0.26
16-50-259	0.16	1.1	1.22	1.07	1.07	1.12	1.10	.503	7.1	36.9	35.2	25.6	30.9	28.2	26.9	32.1	26.4	31.5	0.94	9.81	4.40	0.26
16-50-260	0.13	1.0	1.27	1.08	1.07	1.12	1.12	.520	6.3	34.8	34.1	22.5	27.8	25.4	24.1	29.2	23.5	28.6	0.97	9.02	4.40	0.39
16-50-261	0.11	0.9	1.34	1.10	1.07	1.13	1.14	.531	5.5	32.9	33.1	19.4	24.5	22.6	21.4	26.2	20.5	25.4	0.99	8.35	4.40	0.65
16-50-262	0.09	0.7	1.38	1.09	1.05	1.11	1.13	.565	5.3	35.1	36.0	20.1	25.7	24.0	22.4	27.7	21.3	26.5	1.05	7.34	4.40	0.65
16-50-263	0.21	0.6	1.26	1.09	1.12	1.14	1.13	.457	7.6	31.1	31.4	20.1	25.2	21.9	21.6	26.1	21.4	26.3	0.85	11.63	4.40	0.34
16-50-264	0.16	0.5	1.27	1.08	1.11	1.12	1.12	.499	7.1	31.3	32.1	20.0	25.2	22.0	21.8	26.5	21.5	26.6	0.93	10.02	4.40	0.38
16-50-265	0.14	0.5	1.31	1.09	1.12	1.12	1.13	.523	6.5	30.2	31.3	18.1	23.1	20.3	20.2	24.7	19.8	24.7	0.98	9.07	4.40	0.52
16-50-266	0.11	0.4	1.31	1.08	1.10	1.10	1.12	.559	6.1	31.1	32.5	18.7	24.0	21.3	21.1	26.0	20.5	25.7	1.04	7.89	4.40	0.54

Table 6 cont.

RUN NO.	RE*E4	REL*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-85- 1	22.33	57.20	.01275	.03327	.0	.0	0.99	6.83	1.00	.704	.0557	.870	629.2	629.2	629.2	629.2	4.76	4.76	2.45	1.44
17-85- 2	18.01	45.32	.01262	.03234	.0	.0	0.99	6.41	1.00	.705	.0564	.864	500.5	500.5	500.5	500.5	4.83	4.83	2.45	1.47
17-85- 3	14.72	36.54	.01271	.03217	.0	.0	0.99	6.14	1.00	.705	.0570	.859	407.8	407.8	407.8	407.8	4.80	4.80	2.45	1.50
17-85- 4	12.09	29.72	.01297	.03256	.0	.0	0.99	5.98	1.00	.706	.0574	.856	336.8	336.8	336.8	336.8	4.70	4.70	2.45	1.53
17-85- 5	9.81	23.72	.01303	.03223	.0	.0	0.99	5.69	1.00	.706	.0580	.851	271.8	271.8	271.8	271.8	4.68	4.68	2.45	1.57
17-85- 6	7.87	18.50	.01275	.03064	.0	.0	0.99	5.21	1.00	.706	.0592	.841	212.5	212.5	212.5	212.5	4.83	4.83	2.45	1.62
17-85- 7	6.57	15.21	.01285	.03046	.0	.0	0.99	5.00	1.00	.706	.0599	.837	176.8	176.8	176.8	176.8	4.79	4.79	2.45	1.65
17-85- 8	5.33	12.06	.01282	.02972	.0	.0	0.99	4.69	1.00	.706	.0609	.829	141.7	141.7	141.7	141.7	4.83	4.83	2.45	1.70
17-85- 9	4.36	9.62	.01275	.02883	.0	.0	0.99	4.38	1.00	.706	.0620	.821	114.2	114.2	114.2	114.2	4.89	4.89	2.45	1.75
17-85-10	4.47	9.92	.01282	.02915	.0	.0	0.99	4.45	1.00	.706	.0618	.823	117.8	117.8	117.8	117.8	4.85	4.85	2.45	1.75
17-85-11	3.69	7.94	.01261	.02779	.0	.0	0.99	4.09	1.00	.706	.0632	.813	94.9	94.9	94.9	94.9	4.99	4.99	2.46	1.80
17-85-12	2.96	6.20	.01278	.02756	.0	.0	0.99	3.88	1.00	.706	.0643	.805	75.6	75.6	75.6	75.6	4.93	4.93	2.46	1.87
17-85-13	2.40	4.91	.01291	.02722	.0	.0	0.99	3.67	1.00	.706	.0655	.798	61.0	61.0	61.0	61.0	4.89	4.89	2.46	1.94
17-85-14	1.97	3.87	.01279	.02600	.0	.0	0.99	3.37	1.00	.707	.0674	.786	48.8	48.8	48.8	48.8	5.01	5.01	2.46	2.01
17-85-15	1.60	3.03	.01291	.02518	.0	.0	0.99	3.12	1.00	.706	.0692	.776	38.9	38.9	38.9	38.9	5.04	5.04	2.46	2.10
17-85-16	1.32	2.39	.01256	.02352	.0	.0	0.99	2.82	1.00	.706	.0718	.762	31.2	31.2	31.2	31.2	5.27	5.27	2.46	2.20
17-85-17	1.09	1.86	.01232	.02185	.0	.0	0.99	2.52	1.00	.706	.0749	.746	24.7	24.7	24.7	24.7	5.52	5.52	2.46	2.31
17-85-18	22.49	57.54	.01268	.03304	.0	.0	0.99	6.80	1.00	.704	.0558	.870	631.5	631.5	631.5	631.5	4.79	4.79	2.45	1.44
17-85-19	4.93	11.13	.01305	.03023	.0	.0	0.99	4.69	1.00	.708	.0610	.828	132.2	132.2	132.2	132.2	4.72	4.72	2.45	1.72
17-85-20	25.96	66.95	.01346	.03620	.00612	.00526	0.99	7.64	1.25	.699	.0549	.878	753.4	520.6	777.1	537.0	4.46	4.23	2.44	1.42
17-85-21	20.88	51.50	.01257	.03276	.00705	.00619	0.99	6.76	1.31	.700	.0564	.865	571.8	366.1	593.5	380.1	4.82	4.54	2.45	1.45
17-85-22	16.16	39.41	.01273	.03268	.00745	.00640	0.99	6.42	1.24	.699	.0569	.860	443.0	310.0	456.5	319.4	4.77	4.54	2.45	1.49
17-85-23	25.55	64.99	.01298	.03453	.00710	.00611	0.99	7.32	1.24	.701	.0554	.874	722.6	501.9	745.0	517.5	4.65	4.42	2.45	1.42
17-85-24	20.18	50.52	.01302	.03417	.00737	.00633	0.99	6.95	1.23	.702	.0560	.868	567.2	402.6	583.7	414.3	4.64	4.42	2.45	1.45
17-85-25	16.00	39.20	.01296	.03343	.00767	.00660	0.99	6.54	1.24	.702	.0567	.862	443.6	312.5	456.7	321.8	4.67	4.45	2.45	1.49
17-85-26	13.11	31.40	.01275	.03224	.00779	.00669	0.99	6.10	1.23	.701	.0575	.855	356.3	252.1	366.8	259.5	4.77	4.55	2.45	1.52
17-85-27	10.61	25.00	.01289	.03221	.00821	.00704	0.99	5.86	1.23	.701	.0592	.850	287.6	206.2	295.8	212.0	4.72	4.50	2.45	1.56
17-85-28	8.64	19.87	.01278	.03128	.00834	.00715	0.99	5.49	1.22	.701	.0591	.843	230.3	166.0	236.6	170.6	4.78	4.57	2.45	1.60
17-85-29	6.99	15.64	.01266	.03029	.00831	.00712	0.99	5.12	1.23	.701	.0602	.834	182.9	131.3	188.0	135.0	4.85	4.63	2.45	1.64
17-85-30	5.74	12.49	.01253	.02929	.00840	.00719	0.99	4.78	1.22	.701	.0613	.826	147.3	106.9	151.3	109.8	4.94	4.72	2.45	1.69
17-85-31	4.77	10.06	.01238	.02823	.00837	.00718	0.99	4.46	1.23	.702	.0626	.817	119.7	86.7	123.0	89.1	5.04	4.81	2.45	1.73
17-85-32	25.89	66.24	.01334	.03602	.00709	.00618	0.99	7.63	1.29	.701	.0550	.877	746.1	489.9	772.9	507.5	4.48	4.23	2.45	1.42
17-85-33	20.24	50.52	.01315	.03468	.00748	.00652	0.99	7.07	1.29	.701	.0559	.869	570.7	375.4	591.1	388.8	4.58	4.32	2.45	1.45
17-85-34	18.58	45.73	.01287	.03352	.00746	.00651	0.99	6.76	1.30	.701	.0564	.865	514.4	335.5	533.1	347.8	4.70	4.43	2.45	1.46
17-85-35	11.93	28.26	.01299	.03294	.00798	.00698	0.99	6.14	1.30	.701	.0573	.854	325.4	212.6	337.2	220.3	4.66	4.39	2.45	1.54
17-85-36	7.74	17.29	.01260	.03049	.00829	.00723	0.99	5.28	1.29	.701	.0599	.837	201.6	133.6	208.7	138.3	4.86	4.59	2.45	1.62
17-85-37	5.01	10.41	.01220	.02791	.00818	.00716	0.99	4.49	1.31	.701	.0628	.816	123.6	81.1	128.0	84.0	5.11	4.82	2.46	1.72
17-85-38	4.22	8.49	.01203	.02681	.00809	.00708	0.99	4.18	1.30	.701	.0641	.807	101.7	67.2	105.3	69.6	5.24	4.94	2.46	1.77
17-85-39	4.28	8.59	.01199	.02673	.00797	.00701	0.99	4.19	1.32	.701	.0641	.807	102.7	65.8	106.5	69.2	5.26	4.95	2.46	1.76
17-85-40	3.28	6.27	.01174	.02500	.00822	.00714	0.99	3.73	1.28	.698	.0664	.793	76.1	52.2	78.5	53.9	5.47	5.19	2.46	1.84
17-85-41	2.46	4.42	.01167	.02377	.00785	.00683	0.99	3.35	1.29	.699	.0690	.778	55.0	37.7	56.8	38.9	5.60	5.31	2.46	1.94
17-85-42	1.99	3.43	.01167	.02299	.00776	.00674	0.99	3.11	1.28	.700	.0709	.767	43.6	30.4	44.9	31.3	5.66	5.38	2.46	2.03
17-85-43	1.60	2.60	.01166	.02214	.00757	.00658	0.99	2.87	1.23	.700	.0734	.754	34.0	23.7	35.0	24.5	5.73	5.44	2.46	2.13
17-85-44	1.29	1.95	.01135	.02028	.00712	.00620	0.99	2.53	1.23	.701	.0773	.735	26.1	18.3	26.8	18.9	6.07	5.78	2.46	2.25
17-85-45	1.06	1.45	.01101	.01839	.00663	.00580	0.99	2.22	1.30	.701	.0822	.715	20.0	14.0	20.6	14.5	6.50	6.19	2.46	2.39
17-85-46	0.87	1.00	.01031	.01533	.00604	.00531	0.99	1.80	1.32	.701	.0913	.682	14.4	10.2	14.9	10.5	7.49	7.16	2.47	2.58
17-85-47	24.01	58.13	.01272	.03351	.00707	.00679	0.99	7.28	1.65	.696	.0562	.868	654.2	292.8	700.8	313.6	4.73	4.22	2.45	1.43
17-85-48	18.43	43.83	.01303	.03449	.00744	.00715	0.99	7.06	1.65	.696	.0567	.863	503.6	225.8	539.4	241.8	4.60	4.09	2.45	1.47
17-85-49	15.26	35.14	.01281	.03342	.00756	.00736	0.99	6.66	1.70	.695	.0575	.856	406.4	175.4	436.7	188.5	4.68	4.14	2.45	1.49
17-85-50	12.12	26.93	.01255	.03210	.00770	.00750	0.99	6.17	1.70	.695	.0587	.847	313.4	136.1	336.7	146.2	4.79	4.25	2.45	1.53

RUN NO.	RE*E4	Q<KW/M2>	ST+ /	ST* /	ST1* /	STT* /	ST1F /	A1/AB	H+	G+	GPRI	G*	S*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP	
17-85-	1	22.33	0.0	0.0	0.0	0.0	0.0	.757	629.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.08	7.75			
17-85-	2	18.01	0.0	0.0	0.0	0.0	0.0	.746	500.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.07	7.86			
17-85-	3	14.72	0.0	0.0	0.0	0.0	0.0	.739	407.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.06	7.88			
17-85-	4	12.09	0.0	0.0	0.0	0.0	0.0	.733	336.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.05	7.84			
17-85-	5	9.81	0.0	0.0	0.0	0.0	0.0	.724	271.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.04	7.88			
17-85-	6	7.87	0.0	0.0	0.0	0.0	0.0	.708	212.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.01	8.08			
17-85-	7	6.57	0.0	0.0	0.0	0.0	0.0	.700	176.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00	8.10			
17-85-	8	5.33	0.0	0.0	0.0	0.0	0.0	.687	141.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.98	8.20			
17-85-	9	4.36	0.0	0.0	0.0	0.0	0.0	.674	114.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.96	8.33			
17-85-	10	4.47	0.0	0.0	0.0	0.0	0.0	.677	117.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.97	8.28			
17-85-	11	3.69	0.0	0.0	0.0	0.0	0.0	.660	94.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.94	8.48			
17-85-	12	2.96	0.0	0.0	0.0	0.0	0.0	.648	75.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.92	8.52			
17-85-	13	2.40	0.0	0.0	0.0	0.0	0.0	.636	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.90	8.57			
17-85-	14	1.97	0.0	0.0	0.0	0.0	0.0	.618	48.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.87	8.77			
17-85-	15	1.60	0.0	0.0	0.0	0.0	0.0	.602	38.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.84	8.91			
17-85-	16	1.32	0.0	0.0	0.0	0.0	0.0	.580	31.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.80	9.22			
17-85-	17	1.09	0.0	0.0	0.0	0.0	0.0	.556	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.75	9.57			
17-85-	18	22.49	0.0	0.0	0.0	0.0	0.0	.757	631.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.08	7.78			
17-85-	19	4.93	0.0	0.0	0.0	0.0	0.0	.686	132.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.98	8.13			
17-85-	20	25.96	50.1	1.01	1.04	1.06	1.06	1.07	731.7	19.3	19.5	16.0	20.3	17.9	17.7	22.2	17.6	21.9	2.10	7.43	2.50	4.72	
17-85-	21	20.88	56.7	1.00	1.06	1.08	1.09	1.09	705.8	15.2	14.8	12.0	15.3	13.8	13.7	17.1	13.6	16.9	2.07	7.81	2.57	7.88	
17-85-	22	16.16	37.6	1.02	1.06	1.08	1.09	1.10	695.4	14.5	14.7	10.9	14.3	12.8	12.7	16.1	12.5	15.9	2.06	7.82	2.60	8.16	
17-85-	23	25.55	54.3	1.01	1.05	1.07	1.08	1.08	722.6	15.7	15.8	12.5	16.1	14.4	14.2	18.0	14.1	17.7	2.09	7.61	2.51	7.81	
17-85-	24	20.18	41.1	1.01	1.06	1.08	1.08	1.09	712.5	15.0	15.2	11.6	15.1	13.5	13.4	17.0	13.2	16.7	2.08	7.65	2.55	8.11	
17-85-	25	16.00	35.0	1.01	1.07	1.08	1.09	1.10	698.4	14.0	14.2	10.6	13.9	12.5	12.4	15.7	12.2	15.5	2.06	7.74	2.60	8.70	
17-85-	26	13.11	29.0	1.00	1.07	1.09	1.10	1.11	684.3	13.2	13.4	10.0	13.2	11.8	11.7	15.0	11.5	14.7	2.04	7.88	2.65	8.80	
17-85-	27	10.61	24.0	1.01	1.08	1.10	1.11	1.12	674.2	12.4	12.6	9.0	12.1	10.8	10.8	13.8	10.6	13.6	2.03	7.88	2.70	9.60	
17-85-	28	8.64	19.7	1.00	1.09	1.11	1.12	1.14	660.3	11.8	12.0	8.4	11.4	10.2	10.2	13.1	10.0	12.9	2.01	8.00	2.75	9.67	
17-85-	29	6.99	16.2	1.00	1.10	1.13	1.13	1.15	643.9	11.5	11.7	8.1	11.0	9.9	9.8	12.7	9.6	12.5	1.99	8.13	2.82	9.18	
17-85-	30	5.74	13.0	0.99	1.11	1.14	1.14	1.16	627.3	10.9	11.2	7.5	10.4	9.3	9.3	12.1	9.1	11.9	1.97	8.26	2.88	9.20	
17-85-	31	4.77	10.9	0.99	1.12	1.15	1.16	1.18	611.9	10.7	10.9	7.2	10.0	8.9	8.9	11.6	8.7	11.5	1.95	8.42	2.95	8.91	
17-85-	32	25.89	64.3	1.02	1.05	1.07	1.08	1.08	729.7	16.4	16.1	12.9	16.4	14.7	14.6	18.3	14.5	18.0	2.09	7.45	2.52	7.69	
17-85-	33	20.24	53.0	1.02	1.06	1.08	1.09	1.09	713.5	14.9	14.7	11.5	14.7	13.3	13.2	16.6	13.1	16.3	2.08	7.59	2.57	8.66	
17-85-	34	18.58	49.6	1.01	1.06	1.08	1.09	1.10	704.4	14.6	14.3	11.2	14.4	13.0	12.9	16.2	12.8	16.0	2.07	7.72	2.59	8.66	
17-85-	35	11.93	34.8	1.01	1.08	1.10	1.11	1.12	682.4	13.1	12.9	9.6	12.6	11.4	11.3	14.4	11.2	14.2	2.04	7.79	2.69	9.36	
17-85-	36	7.74	23.0	1.00	1.10	1.13	1.14	1.15	648.6	11.7	11.5	8.2	10.9	10.0	9.5	12.7	9.7	12.5	2.00	8.10	2.81	9.82	
17-85-	37	5.01	15.4	0.99	1.13	1.16	1.17	1.18	609.9	11.0	10.7	7.4	10.0	9.1	9.0	11.6	8.9	11.5	1.95	8.46	2.97	9.05	
17-85-	38	4.22	12.7	0.98	1.14	1.18	1.18	1.19	591.7	10.7	10.4	7.1	9.6	8.8	8.7	11.3	8.6	11.2	1.92	8.64	3.04	8.60	
17-85-	39	4.28	13.2	0.98	1.14	1.18	1.18	1.19	591.7	10.9	10.6	7.3	9.8	8.9	8.9	11.4	8.8	11.3	1.92	8.65	3.04	8.42	
17-85-	40	3.28	9.9	1.00	1.16	1.21	1.21	1.22	564.7	76.1	10.3	10.1	6.1	8.7	7.8	7.8	10.2	7.6	10.1	1.89	8.94	3.15	9.04
17-85-	41	2.46	7.2	0.98	1.19	1.24	1.24	1.25	536.5	55.0	10.1	9.9	6.1	9.6	7.7	7.7	10.1	7.6	10.1	1.84	9.17	3.30	7.61
17-85-	42	1.99	5.4	0.95	1.21	1.26	1.26	1.27	516.6	43.6	9.5	9.4	5.7	8.3	7.3	7.3	9.7	7.2	9.7	1.81	9.33	3.42	7.19
17-85-	43	1.60	4.2	0.93	1.24	1.30	1.30	1.29	493.3	34.0	9.2	9.1	5.4	7.9	7.0	7.0	9.3	7.0	9.5	1.77	9.50	3.58	6.65
17-85-	44	1.29	3.2	0.89	1.28	1.35	1.34	1.32	461.1	26.1	8.9	8.8	5.2	7.8	6.8	6.8	9.0	6.8	9.3	1.72	9.93	3.78	5.89
17-85-	45	1.06	2.5	0.86	1.33	1.41	1.40	1.36	425.0	20.0	8.7	8.4	5.0	7.5	6.4	6.5	8.7	6.7	9.2	1.65	10.43	4.02	5.37
17-85-	46	0.87	2.0	0.81	1.45	1.56	1.54	1.44	371.1	14.4	8.0	7.7	4.2	5.7	5.5	5.7	7.6	6.1	8.5	1.53	11.42	4.36	5.57
17-85-	47	24.01	153.9	1.01	1.08	1.10	1.11	1.10	710.6	15.7	13.1	12.1	14.2	13.3	13.6	16.2	13.8	15.9	2.07	7.68	2.62	9.61	
17-85-	48	18.43	125.7	1.01	1.08	1.11	1.12	1.11	701.6	14.9	12.4	11.2	13.2	12.9	12.7	15.2	12.9	14.8	2.06	7.62	2.67	10.17	
17-85-	49	15.26	114.5	1.01	1.10	1.13	1.14	1.13	686.4	14.2	11.6	10.5	12.2	12.1	12.0	14.2	12.1	13.9	2.04	7.74	2.74	10.69	
17-85-	50	12.12	94.2	1.00	1.11	1.15	1.16	1.14	668.3	13.4	11.0	9.7	11.3	11.3	11.1	13.3	11.3	12.9	2.02	7.89	2.81	11.02	

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-85- 51	9.77	20.85	.01215	.03023	.00761	.00741	0.99	5.63	1.70	.695	.0601	.836	243.3	106.6	261.1	114.4	4.99	4.44	2.45	1.57
17-85- 52	8.13	16.65	.01178	.02855	.00745	.00726	0.99	5.17	1.70	.695	.0615	.826	194.9	85.7	209.1	92.0	5.20	4.63	2.45	1.61
17-85- 53	6.61	12.82	.01138	.02674	.00733	.00718	0.99	4.70	1.72	.695	.0634	.813	151.2	66.4	162.3	71.2	5.44	4.85	2.46	1.66
17-85- 54	5.24	9.59	.01107	.02516	.00713	.00700	0.98	4.26	1.73	.695	.0654	.800	114.6	50.6	122.9	54.2	5.66	5.05	2.46	1.71
17-85- 55	4.37	7.65	.01089	.02410	.00697	.00686	0.98	3.96	1.73	.695	.0672	.789	92.6	41.1	99.3	44.1	5.81	5.19	2.46	1.76
17-85- 56	23.76	57.13	.01277	.03414	.00704	.00690	0.99	7.34	1.72	.695	.0562	.867	646.2	269.8	696.5	290.8	4.70	4.15	2.45	1.43
17-85- 57	18.43	43.16	.01274	.03357	.00728	.00714	0.99	6.92	1.72	.695	.0579	.861	493.8	207.7	531.9	223.7	4.71	4.16	2.45	1.46
17-85- 58	4.09	7.13	.01079	.02336	.00705	.00677	0.99	3.78	1.65	.692	.0678	.785	86.1	41.1	91.7	43.8	5.94	5.37	2.46	1.78
17-85- 59	3.16	5.19	.01079	.02263	.00682	.00656	0.98	3.49	1.66	.692	.0700	.772	64.4	30.9	68.6	33.0	6.00	5.42	2.46	1.87
17-85- 60	2.55	3.84	.01038	.02071	.00644	.00622	0.98	3.09	1.68	.693	.0736	.754	48.6	23.5	51.8	25.0	6.38	5.79	2.46	1.95
17-85- 61	2.01	2.79	.01030	.01975	.00596	.00581	0.98	2.82	1.71	.694	.0769	.738	36.5	17.5	38.9	18.6	6.53	5.91	2.46	2.06
17-85- 62	1.64	2.13	.01026	.01882	.00516	.00508	0.98	2.57	1.74	.695	.0799	.725	28.7	13.5	30.7	14.4	6.69	6.03	2.46	2.16
17-85- 63	1.32	1.49	.00979	.01665	.00491	.00483	0.98	2.20	1.74	.695	.0867	.698	20.9	10.2	22.2	10.8	7.30	6.64	2.47	2.31
17-85- 64	1.07	1.06	.00942	.01446	.00431	.00425	0.98	1.84	1.75	.695	.0945	.673	15.6	7.6	16.5	8.1	8.10	7.39	2.47	2.47
17-85- 65	21.16	47.04	.01225	.03287	.00699	.00773	0.98	7.14	2.17	.690	.0576	.857	541.0	162.7	601.0	180.7	4.86	4.08	2.45	1.44
17-85- 66	16.63	35.78	.01223	.03241	.00695	.00774	0.98	6.77	2.20	.689	.0585	.850	417.2	124.4	463.8	138.3	4.86	4.07	2.45	1.48
17-85- 67	13.50	27.88	.01198	.03128	.00699	.00781	0.98	6.34	2.21	.689	.0596	.841	327.9	98.2	364.5	109.1	4.96	4.16	2.45	1.51
17-85- 68	10.87	21.01	.01130	.02856	.00672	.00756	0.98	5.63	2.23	.689	.0615	.827	247.1	74.2	274.6	82.5	5.32	4.48	2.45	1.55
17-85- 69	8.90	16.38	.01087	.02658	.00652	.00726	0.98	5.09	2.19	.690	.0634	.814	193.0	60.1	213.8	66.5	5.59	4.75	2.46	1.59
17-85- 70	7.12	11.97	.01020	.02399	.00593	.00677	0.98	4.47	2.28	.689	.0663	.796	142.4	42.8	158.2	47.6	6.04	5.12	2.46	1.64
17-85- 71	4.78	7.19	.00980	.02193	.00553	.00627	0.97	3.82	2.25	.690	.0703	.772	88.4	27.9	97.9	30.8	6.37	5.45	2.46	1.75
17-85- 72	5.87	9.30	.00993	.02270	.00575	.00654	0.97	4.10	2.27	.689	.0684	.783	112.2	34.6	124.4	38.3	6.26	5.34	2.46	1.69
17-85- 73	3.82	5.28	.00954	.02055	.00516	.00587	0.97	3.45	2.26	.689	.0734	.756	66.5	21.3	73.5	23.5	6.65	5.71	2.46	1.82
17-85- 74	3.84	5.41	.00970	.02106	.00536	.00603	0.97	3.53	2.23	.690	.0727	.760	68.1	22.2	75.2	24.5	6.51	5.60	2.46	1.82
17-85- 75	2.91	3.73	.00939	.01913	.00492	.00546	0.97	3.05	2.18	.689	.0770	.739	48.3	16.7	53.0	18.3	6.94	6.03	2.46	1.92
17-85- 76	2.27	2.61	.00911	.01727	.00431	.00479	0.97	2.63	2.19	.689	.0821	.717	34.9	12.3	38.3	13.4	7.43	6.49	2.46	2.03
17-85- 77	1.80	1.89	.00885	.01534	.00367	.00408	0.97	2.23	2.19	.689	.0879	.695	25.9	9.3	28.4	10.1	8.07	7.08	2.47	2.14
17-85- 78	1.43	1.39	.00870	.01352	.00308	.00341	0.98	1.86	2.18	.688	.0944	.674	19.6	7.0	21.5	7.7	8.80	7.75	2.47	2.28
17-85- 79	1.16	1.08	.00869	.01223	.00249	.00275	0.99	1.60	2.18	.688	.1003	.657	15.6	5.4	17.1	6.0	9.42	8.28	2.47	2.42
17-70- 80	21.26	53.16	.01856	.04702	.0	.0	1.00	8.85	1.00	.702	.0727	.918	997.8	597.8	997.8	997.8	4.42	4.42	2.43	1.18
17-70- 81	16.47	40.71	.01861	.04662	.0	.0	1.00	8.38	1.00	.702	.0734	.914	769.7	769.7	769.7	769.7	4.40	4.40	2.43	1.21
17-70- 82	12.94	31.59	.01859	.04603	.0	.0	1.00	7.92	1.00	.702	.0740	.910	600.7	600.7	600.7	600.7	4.40	4.40	2.43	1.25
17-70- 83	10.27	24.68	.01835	.04476	.0	.0	1.00	7.39	1.00	.702	.0749	.904	469.9	469.9	469.9	469.9	4.45	4.45	2.43	1.28
17-70- 84	8.27	19.69	.01866	.04517	.0	.0	0.99	7.14	1.00	.702	.0754	.902	380.1	380.1	380.1	380.1	4.37	4.37	2.43	1.31
17-70- 85	6.91	16.24	.01859	.04448	.0	.0	0.99	6.80	1.00	.702	.0761	.898	314.8	314.8	314.8	314.8	4.38	4.38	2.43	1.34
17-70- 86	5.86	13.64	.01868	.04428	.0	.0	0.99	6.55	1.00	.703	.0767	.894	266.4	266.4	266.4	266.4	4.35	4.35	2.43	1.37
17-70- 87	4.68	10.70	.01847	.04302	.0	.0	0.99	6.11	1.00	.703	.0778	.888	209.8	209.8	209.8	209.8	4.39	4.39	2.44	1.42
17-70- 88	3.74	8.35	.01816	.04139	.0	.0	0.99	5.63	1.00	.704	.0791	.881	164.3	164.3	164.3	164.3	4.47	4.47	2.44	1.47
17-70- 89	2.95	6.42	.01776	.03941	.0	.0	0.99	5.13	1.00	.704	.0807	.873	126.5	126.5	126.5	126.5	4.58	4.58	2.44	1.52
17-70- 90	3.01	6.56	.01769	.03928	.0	.0	0.99	5.14	1.00	.706	.0807	.873	128.9	128.9	128.9	128.9	4.60	4.60	2.44	1.52
17-70- 91	2.60	5.52	.01696	.03662	.0	.0	0.99	4.69	1.00	.704	.0823	.865	107.6	107.6	107.6	107.6	4.83	4.83	2.44	1.56
17-70- 92	2.25	4.67	.01667	.03523	.0	.0	0.99	4.39	1.00	.704	.0837	.859	91.2	91.2	91.2	91.2	4.94	4.94	2.44	1.60
17-70- 93	1.87	3.79	.01667	.03456	.0	.0	0.99	4.15	1.00	.705	.0850	.852	74.9	74.9	74.9	74.9	4.95	4.95	2.44	1.65
17-70- 94	1.48	2.89	.01636	.03274	.0	.0	0.99	3.75	1.00	.705	.0874	.842	57.7	57.7	57.7	57.7	5.08	5.08	2.45	1.73
17-70- 95	1.25	2.38	.01611	.03134	.0	.0	0.99	3.48	1.00	.705	.0894	.833	47.7	47.7	47.7	47.7	5.20	5.20	2.45	1.79
17-70- 96	1.01	1.83	.01552	.02872	.0	.0	0.99	3.07	1.00	.706	.0929	.819	36.9	36.9	36.9	36.9	5.49	5.49	2.45	1.89
17-70- 97	0.86	1.50	.01537	.02758	.0	.0	0.99	2.85	1.00	.706	.0953	.811	30.7	30.7	30.7	30.7	5.60	5.60	2.45	1.96
17-70- 98	0.73	1.20	.01452	.02436	.0	.0	0.99	2.45	1.00	.707	.1003	.794	24.5	24.5	24.5	24.5	6.12	6.12	2.45	2.06
17-70- 99	0.61	0.95	.01400	.02210	.0	.0	0.99	2.16	1.00	.707	.1052	.778	19.7	19.7	19.7	19.7	6.54	6.54	2.46	2.16
17-70-100	0.51	0.69	.01251	.01699	.0	.0	1.00	1.63	1.00	.707	.1176	.745	14.5	14.5	14.5	14.5	7.95	7.95	2.46	2.31

RUN NO.	RE*E4	Q<Kw/M2>	ST+ /	ST* /	ST1* /	STT* /	STIF /	A1/AB	H*	G+	GPRI	G*	J*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP
17-85- 51	9.77	74.9	1.00	1.13	1.16	1.18	1.16	.647	243.3	13.0	10.6	9.2	10.8	10.8	10.6	12.7	10.8	12.4	2.00	8.13	2.88	10.59
17-85- 52	8.13	60.9	0.99	1.14	1.18	1.19	1.17	.627	194.9	12.7	10.4	8.9	10.5	10.4	10.3	12.3	10.5	12.1	1.97	8.37	2.95	10.01
17-85- 53	6.61	49.7	0.98	1.16	1.21	1.22	1.19	.602	151.2	12.3	10.0	8.4	9.9	9.9	9.7	11.7	10.0	11.4	1.94	8.65	3.05	9.76
17-85- 54	5.24	38.7	0.97	1.18	1.24	1.25	1.22	.576	114.6	12.0	9.7	8.1	9.5	9.5	9.3	11.2	9.7	11.0	1.90	8.92	3.16	9.04
17-85- 55	4.37	31.5	0.96	1.21	1.26	1.28	1.24	.557	92.6	11.8	9.5	7.9	9.3	9.2	9.1	10.9	9.4	10.8	1.87	9.11	3.26	8.50
17-85- 56	23.76	173.3	1.01	1.08	1.11	1.12	1.10	.709	646.2	15.9	12.9	12.2	14.0	13.9	13.7	16.1	13.6	15.7	2.07	7.65	2.63	9.76
17-85- 57	18.43	138.8	1.01	1.09	1.12	1.13	1.12	.695	493.8	15.0	12.1	11.3	13.0	12.9	12.7	15.0	12.9	14.6	2.05	7.72	2.69	10.18
17-85- 58	4.09	29.6	0.96	1.20	1.26	1.27	1.24	.549	86.1	11.4	9.5	7.5	9.2	8.9	8.8	10.7	9.0	10.6	1.86	9.25	3.26	8.41
17-85- 59	3.16	22.0	0.94	1.23	1.29	1.30	1.26	.526	64.4	11.4	9.5	7.4	9.1	8.8	8.6	10.6	9.0	10.6	1.83	9.40	3.41	7.41
17-85- 60	2.55	16.6	0.92	1.27	1.33	1.35	1.30	.493	48.6	11.2	9.2	7.2	8.8	8.5	8.3	10.2	8.7	10.3	1.77	9.83	3.59	6.72
17-85- 61	2.01	12.4	0.90	1.31	1.38	1.39	1.32	.465	36.5	11.6	9.5	7.6	9.1	8.7	8.6	10.5	9.1	10.6	1.72	10.06	3.82	5.49
17-85- 62	1.64	8.7	0.88	1.32	1.39	1.40	1.31	.442	28.7	13.3	10.7	9.2	10.7	10.2	10.1	12.1	10.8	12.2	1.68	10.31	4.06	3.55
17-85- 63	1.32	6.6	0.85	1.41	1.50	1.50	1.37	.398	20.9	12.6	10.1	8.3	9.8	9.1	9.1	11.0	9.9	11.3	1.59	10.96	4.36	3.69
17-85- 64	1.07	4.6	0.82	1.44	1.55	1.53	1.39	.356	15.6	13.1	10.5	9.6	11.0	9.6	9.7	11.7	10.5	11.9	1.49	11.76	4.40	2.90
17-85- 65	21.16	295.9	0.99	1.12	1.16	1.17	1.14	.688	541.0	15.3	10.7	11.6	11.6	12.9	12.7	13.9	13.2	13.3	2.04	7.80	2.76	12.16
17-85- 66	16.63	238.4	0.99	1.13	1.17	1.19	1.15	.674	417.2	15.1	10.4	11.4	11.3	12.7	12.4	13.6	13.0	12.9	2.03	7.86	2.83	11.41
17-85- 67	13.50	198.6	0.98	1.15	1.19	1.21	1.16	.656	327.9	14.5	10.0	10.7	10.6	12.0	11.7	12.9	12.3	12.2	2.00	8.00	2.91	11.52
17-85- 68	10.87	156.6	0.97	1.17	1.22	1.24	1.19	.627	247.1	14.1	9.7	10.4	10.2	11.5	11.2	12.3	11.6	11.7	1.97	8.37	3.00	10.79
17-85- 69	8.90	117.3	0.96	1.19	1.24	1.27	1.20	.604	193.0	13.9	9.6	10.1	10.0	11.2	10.9	12.1	11.6	11.5	1.94	8.67	3.09	9.87
17-85- 70	7.12	92.8	0.93	1.22	1.28	1.31	1.23	.568	142.4	14.2	9.5	10.5	10.0	11.3	11.0	12.0	11.6	11.5	1.89	9.13	3.24	8.14
17-85- 71	4.78	55.3	0.90	1.27	1.34	1.37	1.27	.525	88.4	13.9	9.4	10.3	9.9	11.0	10.7	11.8	11.7	11.3	1.82	9.55	3.48	6.65
17-85- 72	5.87	72.9	0.92	1.25	1.31	1.34	1.25	.545	112.2	13.9	9.4	10.2	9.8	11.0	10.7	11.7	11.7	11.2	1.85	9.39	3.35	7.49
17-85- 73	3.82	41.5	0.87	1.31	1.38	1.41	1.30	.496	66.5	14.0	9.5	10.6	10.0	11.2	10.8	11.9	11.9	11.4	1.77	9.87	3.66	5.57
17-85- 74	3.84	41.5	0.88	1.30	1.37	1.40	1.29	.502	68.1	13.7	9.4	10.2	9.8	10.9	10.6	11.7	11.6	11.2	1.78	9.75	3.63	6.03
17-85- 75	2.91	28.4	0.85	1.34	1.41	1.44	1.32	.465	48.3	13.9	9.7	10.5	10.2	11.1	10.7	12.0	11.8	11.6	1.72	10.22	3.86	4.85
17-85- 76	2.27	19.0	0.82	1.38	1.46	1.49	1.33	.428	34.9	14.9	10.3	11.7	11.3	12.0	11.6	13.0	12.8	12.6	1.65	10.76	4.16	3.53
17-85- 77	1.80	12.3	0.80	1.40	1.48	1.50	1.33	.392	25.9	16.5	11.4	13.7	13.3	13.6	13.3	14.8	14.5	14.3	1.57	11.42	4.40	2.43
17-85- 78	1.43	7.7	0.78	1.38	1.47	1.47	1.31	.357	19.6	18.9	13.2	17.4	17.0	16.6	16.3	17.5	16.5	16.7	1.50	12.16	4.40	1.59
17-85- 79	1.16	4.5	0.77	1.33	1.43	1.41	1.27	.331	15.6	24.0	16.7	24.3	23.9	22.9	22.3	24.1	21.3	21.1	1.43	12.79	4.40	0.99
17-70- 80	21.26	0.0	0.0	0.0	0.0	0.0	0.0	.314	997.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.78	6.52		
17-70- 81	16.47	0.0	0.0	0.0	0.0	0.0	0.0	.306	769.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.77	6.55		
17-70- 82	12.94	0.0	0.0	0.0	0.0	0.0	0.0	.797	600.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.76	6.59		
17-70- 83	10.27	0.0	0.0	0.0	0.0	0.0	0.0	.786	469.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.75	6.68		
17-70- 84	8.27	0.0	0.0	0.0	0.0	0.0	0.0	.780	380.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.74	6.65		
17-70- 85	6.91	0.0	0.0	0.0	0.0	0.0	0.0	.771	314.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.73	6.71		
17-70- 86	5.86	0.0	0.0	0.0	0.0	0.0	0.0	.765	266.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.73	6.72		
17-70- 87	4.68	0.0	0.0	0.0	0.0	0.0	0.0	.752	209.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.71	6.82		
17-70- 88	3.74	0.0	0.0	0.0	0.0	0.0	0.0	.738	164.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.69	6.95		
17-70- 89	2.95	0.0	0.0	0.0	0.0	0.0	0.0	.720	126.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.67	7.12		
17-70- 90	3.01	0.0	0.0	0.0	0.0	0.0	0.0	.721	128.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.67	7.14		
17-70- 91	2.60	0.0	0.0	0.0	0.0	0.0	0.0	.704	107.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.65	7.39		
17-70- 92	2.25	0.0	0.0	0.0	0.0	0.0	0.0	.691	91.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.63	7.53		
17-70- 93	1.87	0.0	0.0	0.0	0.0	0.0	0.0	.678	74.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.61	7.61		
17-70- 94	1.48	0.0	0.0	0.0	0.0	0.0	0.0	.657	57.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.58	7.82		
17-70- 95	1.25	0.0	0.0	0.0	0.0	0.0	0.0	.641	47.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.56	7.99		
17-70- 96	1.01	0.0	0.0	0.0	0.0	0.0	0.0	.614	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.51	8.35		
17-70- 97	0.86	0.0	0.0	0.0	0.0	0.0	0.0	.597	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.49	8.52		
17-70- 98	0.73	0.0	0.0	0.0	0.0	0.0	0.0	.565	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.43	9.06		
17-70- 99	0.61	0.0	0.0	0.0	0.0	0.0	0.0	.536	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.38	9.51		
17-70-100	0.51	0.0	0.0	0.0	0.0	0.0	0.0	.477	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.26	10.85		

Table 6 cont.

RUN NO.	RE*E4	REL*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-70-101	22.93	57.38	.01826	.04626	.0	.0	1.00	8.85	1.00	.706	.0727	.918	1068.1	1068.1	1068.1	1068.1	4.49	4.49	2.43	1.17
17-70-102	17.37	42.94	.01836	.04599	.0	.0	1.00	8.37	1.00	.705	.0734	.914	806.5	806.5	806.5	806.5	4.46	4.46	2.43	1.20
17-70-103	13.96	34.10	.01827	.04523	.0	.0	1.00	7.92	1.00	.705	.0740	.910	642.7	642.7	642.7	642.7	4.48	4.48	2.43	1.23
17-70-104	11.00	26.46	.01806	.04405	.0	.0	1.00	7.39	1.00	.705	.0749	.905	499.8	499.8	499.8	499.8	4.52	4.52	2.43	1.27
17-70-105	8.92	21.22	.01818	.04389	.0	.0	1.00	7.07	1.00	.705	.0755	.901	404.4	404.4	404.4	404.4	4.49	4.49	2.43	1.30
17-70-106	7.30	17.15	.01816	.04331	.0	.0	0.99	6.72	1.00	.705	.0762	.897	328.8	328.8	328.8	328.8	4.49	4.49	2.43	1.33
17-70-107	6.12	14.21	.01817	.04288	.0	.0	0.99	6.43	1.00	.706	.0769	.893	274.1	274.1	274.1	274.1	4.48	4.48	2.44	1.37
17-70-108	5.25	12.06	.01817	.04243	.0	.0	0.99	6.18	1.00	.706	.0775	.890	233.9	233.9	233.9	233.9	4.48	4.48	2.44	1.40
17-70-109	4.62	10.49	.01810	.04186	.0	.0	0.99	5.95	1.00	.706	.0781	.886	204.3	204.3	204.3	204.3	4.49	4.49	2.44	1.42
17-70-110	4.05	9.09	.01799	.04112	.0	.0	0.99	5.70	1.00	.706	.0788	.883	177.5	177.5	177.5	177.5	4.52	4.52	2.44	1.45
17-70-111	3.58	7.94	.01784	.04028	.0	.0	0.99	5.45	1.00	.706	.0796	.879	155.4	155.4	155.4	155.4	4.56	4.56	2.44	1.48
17-70-112	3.96	8.84	.01778	.04042	.0	.0	0.99	5.59	1.00	.706	.0792	.881	172.0	172.0	172.0	172.0	4.60	4.60	2.44	1.45
17-70-113	3.37	7.36	.01732	.03856	.0	.0	0.99	5.18	1.00	.706	.0805	.874	142.9	142.9	142.9	142.9	4.73	4.73	2.44	1.49
17-70-114	2.83	6.06	.01713	.03739	.0	.0	0.99	4.86	1.00	.706	.0817	.868	118.2	118.2	118.2	118.2	4.78	4.78	2.44	1.53
17-70-115	2.53	5.36	.01700	.03665	.0	.0	0.99	4.67	1.00	.707	.0825	.864	104.8	104.8	104.8	104.8	4.82	4.82	2.44	1.56
17-70-116	2.18	4.52	.01677	.03544	.0	.0	0.99	4.38	1.00	.707	.0838	.858	88.6	88.6	88.6	88.6	4.90	4.90	2.44	1.60
17-70-117	1.93	3.92	.01652	.03426	.0	.0	0.99	4.14	1.00	.708	.0851	.852	77.0	77.0	77.0	77.0	5.02	5.02	2.44	1.64
17-70-118	1.66	3.29	.01627	.03296	.0	.0	0.99	3.87	1.00	.708	.0867	.845	65.0	65.0	65.0	65.0	5.12	5.12	2.45	1.69
17-70-119	1.46	2.85	.01624	.03237	.0	.0	0.99	3.71	1.00	.708	.0878	.840	56.8	56.8	56.8	56.8	5.15	5.15	2.45	1.73
17-70-120	1.27	2.42	.01605	.03125	.0	.0	0.99	3.48	1.00	.708	.0895	.833	48.4	48.4	48.4	48.4	5.24	5.24	2.45	1.79
17-70-121	1.11	2.05	.01582	.03002	.0	.0	0.99	3.26	1.00	.708	.0913	.826	41.4	41.4	41.4	41.4	5.36	5.36	2.45	1.84
17-70-122	0.97	1.75	.01560	.02882	.0	.0	0.99	3.05	1.00	.708	.0933	.818	35.6	35.6	35.6	35.6	5.48	5.48	2.45	1.90
17-70-123	0.85	1.47	.01509	.02671	.0	.0	0.99	2.76	1.00	.708	.0964	.807	29.9	29.9	29.9	29.9	5.77	5.77	2.45	1.97
17-70-124	0.75	1.25	.01477	.02524	.0	.0	0.99	2.55	1.00	.708	.0991	.798	25.6	25.6	25.6	25.6	5.98	5.98	2.45	2.04
17-70-125	0.65	0.99	.01337	.02057	.0	.0	1.00	2.05	1.00	.706	.1072	.773	20.1	20.1	20.1	20.1	7.01	7.01	2.46	2.13
17-70-126	0.58	0.88	.01384	.02135	.0	.0	1.00	2.06	1.00	.708	.1075	.772	18.3	18.3	18.3	18.3	6.73	6.73	2.46	2.21
17-70-127	0.50	0.67	.01233	.01645	.0	.0	1.00	1.58	1.00	.708	.1201	.741	14.0	14.0	14.0	14.0	8.26	8.26	2.46	2.32
17-70-128	19.95	48.68	.01765	.04421	.00835	.00706	1.00	8.38	1.19	.696	.0736	.913	901.0	674.1	923.3	690.7	4.64	4.47	2.43	1.19
17-70-129	15.15	36.36	.01759	.04348	.00889	.00751	1.00	7.86	1.19	.695	.0744	.908	677.3	508.4	693.9	520.8	4.64	4.48	2.43	1.22
17-70-130	11.92	28.21	.01762	.04304	.00926	.00782	1.00	7.45	1.18	.695	.0752	.903	529.5	400.0	542.1	409.6	4.63	4.47	2.43	1.26
17-70-131	9.51	22.20	.01766	.04265	.00975	.00821	1.00	7.08	1.18	.695	.0759	.899	420.1	320.2	429.8	327.6	4.61	4.46	2.43	1.29
17-70-132	7.96	16.30	.01769	.04236	.00990	.00843	0.99	6.81	1.21	.697	.0766	.895	349.2	256.4	358.3	263.2	4.60	4.42	2.43	1.32
17-70-133	6.36	14.36	.01759	.04149	.01038	.00881	0.99	6.40	1.20	.696	.0775	.890	275.7	205.1	282.6	210.3	4.62	4.45	2.44	1.36
17-70-134	5.26	11.65	.01734	.04075	.01057	.00897	0.99	6.01	1.20	.696	.0785	.884	224.2	166.6	229.9	170.8	4.68	4.51	2.44	1.39
17-70-135	4.25	9.18	.01709	.03890	.01067	.00907	0.99	5.59	1.21	.696	.0799	.878	177.6	131.5	182.1	134.9	4.76	4.58	2.44	1.44
17-70-136	3.51	7.38	.01664	.03699	.01051	.00894	0.99	5.15	1.20	.697	.0814	.870	142.7	106.2	146.3	108.8	4.90	4.72	2.44	1.48
17-70-137	3.07	6.33	.01625	.03540	.01034	.00876	0.99	4.81	1.20	.696	.0827	.864	122.1	91.9	125.0	94.1	5.04	4.86	2.44	1.51
17-70-138	1.99	3.81	.01556	.03200	.00988	.00842	0.99	4.03	1.21	.697	.0869	.845	74.6	55.2	76.5	56.6	5.31	5.12	2.45	1.63
17-70-139	1.61	2.95	.01517	.03014	.00959	.00820	0.99	3.65	1.22	.698	.0895	.834	58.3	42.9	59.8	44.0	5.50	5.29	2.45	1.71
17-70-140	1.35	2.37	.01491	.02874	.00931	.00799	0.99	3.37	1.23	.698	.0920	.824	47.3	34.6	48.5	35.5	5.64	5.42	2.45	1.77
17-70-141	1.15	1.92	.01449	.02694	.00924	.00792	0.99	3.07	1.23	.698	.0949	.813	38.6	28.4	35.6	29.2	5.87	5.66	2.45	1.84
17-70-142	0.96	1.53	.01403	.02494	.00875	.00752	0.99	2.76	1.24	.698	.0987	.799	31.0	22.8	31.8	23.4	6.17	5.94	2.45	1.92
17-70-143	0.82	1.19	.01330	.02220	.00832	.00717	0.99	2.40	1.24	.698	.1042	.782	24.5	18.0	25.1	18.5	6.69	6.45	2.45	2.02
17-70-144	0.70	0.94	.01273	.01996	.00774	.00670	0.99	2.11	1.25	.699	.1102	.765	19.6	14.4	20.1	14.8	7.20	6.95	2.46	2.12
17-70-145	0.60	0.68	.01151	.01592	.00727	.00629	1.00	1.66	1.25	.699	.1232	.734	14.6	11.0	14.9	11.3	8.52	8.26	2.46	2.25
17-70-146	0.50	0.51	.01103	.01383	.00672	.00582	1.00	1.40	1.26	.699	.1345	.711	11.3	8.6	11.5	8.8	9.39	9.12	2.46	2.41
17-70-147	17.35	40.88	.01754	.04390	.00858	.00797	0.99	8.29	1.52	.688	.0745	.908	767.2	388.4	813.8	411.8	4.65	4.27	2.43	1.20
17-70-148	13.46	31.23	.01762	.04365	.00917	.00844	0.99	7.87	1.49	.687	.0752	.904	591.6	310.2	625.6	327.9	4.62	4.25	2.43	1.24
17-70-149	10.23	23.21	.01754	.04286	.00942	.00870	0.99	7.38	1.51	.686	.0762	.898	443.5	231.0	469.4	244.3	4.63	4.25	2.43	1.28
17-70-150	8.33	18.52	.01742	.04209	.00970	.00896	0.99	6.99	1.51	.687	.0771	.893	356.1	185.8	376.8	196.5	4.65	4.27	2.44	1.31

RUN NO.	RE*E4	Q<Kw/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPRI	G*	S*R	G*1	CT	GTR	GTF	GTFR	X	YR	AH	TP		
17-70-101	22.93	0.0	0.0	0.0	0.0	0.0	.814	1068.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.78	6.58			
17-70-102	17.37	0.0	0.0	0.0	0.0	0.0	.806	806.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.77	6.59			
17-70-103	13.96	0.0	0.0	0.0	0.0	0.0	.797	642.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.76	6.65			
17-70-104	11.00	0.0	0.0	0.0	0.0	0.0	.786	499.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.75	6.74			
17-70-105	8.92	0.0	0.0	0.0	0.0	0.0	.779	404.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.74	6.75			
17-70-106	7.30	0.0	0.0	0.0	0.0	0.0	.770	328.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.73	6.80			
17-70-107	6.12	0.0	0.0	0.0	0.0	0.0	.762	274.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.72	6.83			
17-70-108	5.25	0.0	0.0	0.0	0.0	0.0	.755	233.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.71	6.87			
17-70-109	4.62	0.0	0.0	0.0	0.0	0.0	.748	204.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.70	6.91			
17-70-110	4.05	0.0	0.0	0.0	0.0	0.0	.740	177.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.69	6.97			
17-70-111	3.58	0.0	0.0	0.0	0.0	0.0	.732	155.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.68	7.05			
17-70-112	3.96	0.0	0.0	0.0	0.0	0.0	.736	172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.69	7.03			
17-70-113	3.37	0.0	0.0	0.0	0.0	0.0	.723	142.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.67	7.20			
17-70-114	2.83	0.0	0.0	0.0	0.0	0.0	.710	118.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.66	7.31			
17-70-115	2.53	0.0	0.0	0.0	0.0	0.0	.702	104.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.64	7.39			
17-70-116	2.18	0.0	0.0	0.0	0.0	0.0	.690	88.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.63	7.51			
17-70-117	1.93	0.0	0.0	0.0	0.0	0.0	.678	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.61	7.64			
17-70-118	1.66	0.0	0.0	0.0	0.0	0.0	.664	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.59	7.79			
17-70-119	1.46	0.0	0.0	0.0	0.0	0.0	.654	56.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.58	7.86			
17-70-120	1.27	0.0	0.0	0.0	0.0	0.0	.641	48.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.56	8.00			
17-70-121	1.11	0.0	0.0	0.0	0.0	0.0	.626	41.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.53	8.16			
17-70-122	0.97	0.0	0.0	0.0	0.0	0.0	.611	35.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.51	8.33			
17-70-123	0.85	0.0	0.0	0.0	0.0	0.0	.590	29.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.47	8.65			
17-70-124	0.75	0.0	0.0	0.0	0.0	0.0	.572	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.44	8.90			
17-70-125	0.65	0.0	0.0	0.0	0.0	0.0	.526	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.36	9.86			
17-70-126	0.58	0.0	0.0	0.0	0.0	0.0	.525	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.35	9.68			
17-70-127	0.50	0.0	0.0	0.0	0.0	0.0	.469	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.23	11.03			
17-70-128	19.95	62.0	1.07	1.04	1.05	1.05	1.08	786	901.0	17.1	17.8	13.0	16.7	15.0	15.0	18.7	14.5	18.2	1.77	6.73	2.46	8.34
17-70-129	15.15	51.0	1.07	1.04	1.06	1.06	1.09	775	677.3	15.6	16.3	11.6	15.2	13.6	13.6	17.1	13.1	16.6	1.76	6.78	2.51	9.32
17-70-130	11.92	40.8	1.06	1.05	1.06	1.06	1.10	765	529.5	14.7	15.4	10.8	14.2	12.8	12.8	16.1	12.3	15.6	1.75	6.82	2.55	9.71
17-70-131	9.51	33.1	1.07	1.05	1.07	1.07	1.11	755	420.1	13.8	14.5	9.9	13.1	11.8	11.9	15.0	11.3	14.5	1.74	6.85	2.60	10.52
17-70-132	7.96	30.7	1.05	1.06	1.08	1.07	1.12	747	349.2	13.2	13.6	9.5	12.5	11.4	11.4	14.4	10.9	13.9	1.73	6.87	2.65	10.61
17-70-133	6.36	25.5	1.07	1.07	1.09	1.08	1.13	734	275.7	12.5	13.0	8.5	11.4	10.5	10.5	13.3	10.0	12.8	1.71	6.94	2.70	11.49
17-70-134	5.26	21.5	1.07	1.08	1.10	1.09	1.14	722	224.2	12.0	12.4	8.0	10.7	9.9	10.0	12.6	9.4	12.1	1.70	7.05	2.75	11.69
17-70-135	4.25	18.0	1.07	1.09	1.11	1.10	1.16	706	177.6	11.6	12.0	7.5	10.2	9.4	9.5	12.0	8.9	11.5	1.68	7.17	2.82	11.57
17-70-136	3.51	14.3	1.07	1.10	1.12	1.11	1.17	689	142.7	11.4	11.8	7.2	9.9	9.1	9.2	11.7	8.6	11.2	1.66	7.35	2.88	10.85
17-70-137	3.07	12.2	1.06	1.10	1.13	1.12	1.18	675	122.1	11.2	11.7	7.0	9.7	8.9	9.0	11.5	8.4	11.0	1.64	7.52	2.93	10.23
17-70-138	1.99	8.0	1.06	1.13	1.16	1.15	1.22	634	74.6	11.0	11.3	6.6	9.2	8.4	8.5	10.9	7.9	10.5	1.59	7.91	3.12	8.60
17-70-139	1.61	6.4	1.05	1.15	1.18	1.17	1.24	610	58.3	10.7	11.0	6.4	8.9	8.2	8.3	10.6	7.7	10.2	1.55	8.15	3.24	7.89
17-70-140	1.35	5.4	1.03	1.17	1.21	1.20	1.26	589	47.3	10.6	10.8	6.2	8.7	8.0	8.1	10.4	7.5	10.0	1.52	8.34	3.35	7.27
17-70-141	1.13	4.5	1.02	1.20	1.24	1.22	1.30	566	38.6	10.1	10.2	5.7	8.1	7.4	7.5	9.7	7.0	9.4	1.49	8.62	3.46	7.42
17-70-142	0.96	3.6	0.99	1.22	1.27	1.25	1.32	539	31.0	9.8	10.0	5.6	8.0	7.3	7.4	9.6	6.9	9.3	1.45	8.96	3.61	6.64
17-70-143	0.82	3.0	0.96	1.27	1.32	1.31	1.37	503	24.5	9.4	9.5	5.2	7.6	6.8	6.9	9.0	6.4	8.8	1.39	9.49	3.79	6.56
17-70-144	0.70	2.4	0.95	1.32	1.38	1.36	1.41	469	19.6	9.5	9.5	5.0	7.4	6.6	6.7	8.7	6.3	8.7	1.33	10.01	3.99	6.20
17-70-145	0.60	1.9	0.89	1.46	1.54	1.52	1.54	419	14.6	8.2	8.3	3.9	6.1	5.3	5.5	7.2	5.2	7.4	1.21	11.21	4.28	8.01
17-70-146	0.50	1.5	0.84	1.57	1.69	1.63	1.62	368	11.3	7.9	7.9	3.8	6.0	4.8	5.1	6.8	4.9	7.1	1.11	12.03	4.40	9.22
17-70-147	17.35	199.1	1.05	1.05	1.07	1.07	1.09	776	767.2	16.2	14.3	12.2	14.6	14.2	14.1	16.8	13.7	16.1	1.76	6.75	2.56	10.33
17-70-148	13.46	156.5	1.04	1.06	1.08	1.08	1.10	765	591.6	14.6	13.1	11.0	13.3	12.9	12.9	15.5	12.4	14.8	1.75	6.77	2.60	11.40
17-70-149	10.23	130.5	1.04	1.07	1.09	1.09	1.12	753	443.5	14.0	12.5	10.3	12.5	12.1	12.1	14.6	11.7	13.9	1.73	6.83	2.67	11.58
17-70-150	8.33	107.8	1.04	1.08	1.10	1.10	1.13	741	356.1	13.3	11.9	9.6	11.7	11.4	11.4	13.8	11.0	13.1	1.72	6.89	2.72	12.03

Table 6 cont.

RUN NO.	RE*E4	REI*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+k	H+R	H+RW	RH+	RH+R	AS	AR
17-70-151	6.62	14.31	.01706	.04049	.00989	.00913	0.99	6.48	1.51	.687	.0784	.886	275.9	144.8	291.7	153.1	4.74	4.36	2.44	1.35
17-70-152	5.38	11.31	.01662	.03869	.00990	.00915	0.99	5.99	1.51	.687	.0798	.879	218.1	114.8	230.5	121.4	4.86	4.47	2.44	1.39
17-70-153	4.46	8.99	.01571	.03554	.00973	.00900	0.99	5.36	1.51	.687	.0819	.869	171.8	91.0	181.5	96.1	5.15	4.75	2.44	1.43
17-70-154	3.72	7.25	.01519	.03353	.00939	.00872	0.99	4.92	1.52	.688	.0837	.860	138.4	73.0	146.4	77.1	5.34	4.92	2.44	1.47
17-70-155	2.92	5.40	.01458	.03104	.00901	.00837	0.99	4.38	1.52	.688	.0865	.847	103.5	55.0	109.3	58.1	5.60	5.17	2.45	1.53
17-70-156	2.78	5.11	.01456	.03082	.00893	.00828	0.99	4.30	1.51	.688	.0869	.846	98.1	52.7	103.6	55.5	5.62	5.20	2.45	1.54
17-70-157	2.18	3.80	.01412	.02884	.00848	.00790	0.99	3.87	1.52	.688	.0898	.833	73.8	39.4	77.9	41.6	5.84	5.40	2.45	1.61
17-70-158	1.75	2.87	.01365	.02682	.00804	.00750	0.99	3.46	1.53	.689	.0932	.820	56.3	30.2	59.4	31.8	6.10	5.65	2.45	1.68
17-70-159	1.41	2.17	.01330	.02511	.00760	.00711	0.99	3.12	1.54	.689	.0969	.807	43.3	23.3	45.7	24.6	6.34	5.88	2.45	1.77
17-70-160	1.14	1.62	.01278	.02292	.00700	.00658	0.99	2.75	1.55	.689	.1019	.790	32.8	17.7	34.6	18.7	6.72	6.23	2.45	1.86
17-70-161	0.93	1.20	.01219	.02054	.00628	.00594	0.99	2.38	1.57	.690	.1083	.771	24.8	13.4	26.2	14.1	7.22	6.72	2.46	1.97
17-70-162	0.77	0.89	.01163	.01822	.00554	.00526	0.99	2.05	1.58	.690	.1159	.751	19.0	10.4	20.0	10.9	7.83	7.30	2.46	2.09
17-70-163	0.65	0.66	.01095	.01542	.00481	.00458	0.99	1.68	1.59	.690	.1272	.727	14.4	7.9	15.2	8.3	8.83	8.26	2.46	2.22
17-70-164	16.55	38.28	.01742	.04365	.00842	.00825	0.99	8.76	1.70	.684	.0750	.906	722.9	311.3	778.4	334.9	4.67	4.19	2.43	1.21
17-70-165	12.53	28.39	.01743	.04318	.00892	.00869	0.99	7.79	1.68	.684	.0759	.901	541.5	238.3	582.1	255.9	4.65	4.18	2.43	1.24
17-70-166	9.72	21.50	.01727	.04222	.00932	.00903	0.99	7.30	1.67	.684	.0769	.895	412.9	185.2	443.1	198.6	4.68	4.22	2.43	1.28
17-70-167	7.93	17.11	.01697	.04091	.00947	.00918	0.99	6.84	1.67	.684	.0780	.889	329.5	148.6	353.4	155.2	4.75	4.28	2.44	1.32
17-70-168	6.28	13.04	.01629	.03841	.00937	.00912	0.99	6.21	1.68	.684	.0797	.880	250.5	112.6	268.8	120.7	4.94	4.45	2.44	1.36
17-70-169	5.08	10.11	.01549	.03555	.00915	.00890	0.99	5.58	1.68	.684	.0818	.870	193.1	87.5	207.0	93.7	5.19	4.69	2.44	1.40
17-70-170	4.13	7.85	.01479	.03298	.00881	.00860	0.99	5.02	1.69	.684	.0841	.859	149.6	67.9	160.4	72.7	5.45	4.93	2.44	1.44
17-70-171	3.39	6.14	.01414	.03055	.00838	.00822	0.99	4.52	1.70	.684	.0866	.848	116.9	53.0	125.3	56.8	5.73	5.19	2.45	1.49
17-70-172	2.78	4.79	.01363	.02856	.00799	.00785	0.99	4.09	1.71	.685	.0892	.837	91.6	41.7	98.2	44.6	5.97	5.42	2.45	1.54
17-70-173	2.32	3.80	.01326	.02696	.00749	.00740	0.99	3.75	1.72	.685	.0918	.826	73.4	33.2	78.7	35.6	6.19	5.61	2.45	1.59
17-70-174	2.39	3.96	.01333	.02727	.00755	.00746	0.99	3.81	1.72	.685	.0915	.827	76.4	34.5	81.9	37.0	6.18	5.61	2.45	1.58
17-70-175	1.90	2.93	.01284	.02519	.00703	.00698	0.99	3.39	1.74	.685	.0952	.814	57.3	25.9	61.4	27.8	6.46	5.86	2.45	1.66
17-70-176	1.53	2.22	.01255	.02370	.00650	.00647	0.99	3.06	1.74	.685	.0988	.801	44.2	20.1	47.3	21.5	6.68	6.07	2.45	1.74
17-70-177	1.23	1.64	.01205	.02157	.00588	.00587	0.99	2.68	1.76	.686	.1042	.784	33.3	15.3	35.6	16.3	7.10	6.46	2.45	1.83
17-70-178	0.83	0.92	.01105	.01697	.00428	.00431	0.99	1.96	1.79	.686	.1185	.745	19.4	8.9	20.8	9.5	8.31	7.60	2.46	2.05
17-70-179	1.01	1.23	.01153	.01931	.00506	.00509	0.99	2.32	1.78	.686	.1107	.765	25.3	11.6	27.1	12.4	7.63	6.96	2.46	1.93
17-70-180	0.67	0.69	.01072	.01488	.00360	.00362	0.99	1.64	1.77	.687	.1273	.725	14.9	6.9	15.9	7.3	9.07	8.31	2.46	2.19
17-70-181	0.53	0.43	.00949	.01039	.00274	.00274	1.01	1.12	1.77	.686	.1546	.681	9.8	4.6	10.4	4.9	11.64	10.77	2.49	2.41
17-50-182	14.03	32.08	.03756	.08431	.0	.0	1.01	11.82	1.00	.701	.1449	.970	1917.0	1917.0	1917.0	1917.0	4.50	4.50	2.34	0.37
17-50-183	10.01	22.71	.03714	.08250	.0	.0	1.01	10.89	1.00	.702	.1459	.958	1354.7	1354.7	1354.7	1354.7	4.52	4.52	2.34	0.41
17-50-184	7.41	16.67	.03691	.08130	.0	.0	1.01	10.14	1.00	.702	.1470	.966	995.6	995.6	995.6	995.6	4.52	4.52	2.35	0.44
17-50-185	5.69	12.71	.03676	.08028	.0	.0	1.01	9.52	1.00	.703	.1479	.964	760.5	760.5	760.5	760.5	4.52	4.52	2.36	0.47
17-50-186	4.43	9.83	.03678	.07969	.0	.0	1.01	8.99	1.00	.703	.1489	.962	590.4	590.4	590.4	590.4	4.51	4.51	2.36	0.50
17-50-187	3.60	7.93	.03679	.07911	.0	.0	1.01	8.55	1.00	.704	.1498	.960	477.9	477.9	477.9	477.9	4.51	4.51	2.37	0.53
17-50-188	3.26	7.16	.03691	.07912	.0	.0	1.01	8.38	1.00	.704	.1502	.959	433.1	433.1	433.1	433.1	4.49	4.49	2.37	0.54
17-50-189	2.59	5.66	.03774	.08042	.0	.0	1.01	8.08	1.00	.704	.1509	.957	346.8	346.8	346.8	346.8	4.42	4.42	2.37	0.58
17-50-190	2.07	4.49	.03803	.08038	.0	.0	1.01	7.69	1.00	.705	.1520	.955	277.4	277.4	277.4	277.4	4.39	4.39	2.37	0.62
17-50-191	1.68	3.60	.03766	.07875	.0	.0	1.01	7.21	1.00	.705	.1533	.953	222.6	222.6	222.6	222.6	4.41	4.41	2.38	0.65
17-50-192	1.37	2.91	.03721	.07688	.0	.0	1.01	6.75	1.00	.706	.1548	.950	179.5	179.5	179.5	179.5	4.44	4.44	2.38	0.69
17-50-193	1.14	2.38	.03597	.07316	.0	.0	1.01	6.22	1.00	.707	.1567	.946	145.8	145.8	145.8	145.8	4.54	4.54	2.39	0.73
17-50-194	0.91	1.86	.03486	.06953	.0	.0	1.01	5.65	1.00	.707	.1591	.942	113.1	113.1	113.1	113.1	4.64	4.64	2.39	0.78
17-50-195	0.75	1.51	.03414	.06696	.0	.0	1.01	5.24	1.00	.707	.1613	.938	91.7	91.7	91.7	91.7	4.71	4.71	2.40	0.83
17-50-196	0.61	1.22	.03363	.06482	.0	.0	1.01	4.86	1.00	.707	.1637	.934	73.9	73.9	73.9	73.9	4.77	4.77	2.40	0.88
17-50-197	0.49	0.96	.03272	.06155	.0	.0	1.01	4.42	1.00	.707	.1669	.928	59.1	58.1	58.1	58.1	4.88	4.88	2.40	0.94
17-50-198	0.41	0.77	.03287	.06093	.0	.0	1.01	4.17	1.00	.707	.1692	.925	47.3	47.3	47.3	47.3	4.86	4.86	2.41	1.01
17-50-199	0.33	0.62	.03216	.05819	.0	.0	1.01	3.82	1.00	.707	.1727	.919	38.1	38.1	38.1	38.1	4.95	4.95	2.41	1.08
17-50-200	0.27	0.49	.03167	.05587	.0	.0	1.01	3.51	1.00	.707	.1767	.913	30.4	30.4	30.4	30.4	5.03	5.03	2.41	1.17

RUN NO.	RE#E4	Q<KW/M2>	ST+/ ST#/ STI#/ STT#/ STIF/ AL/AB	H+	G+	GPR1	G*	S*R	G*1	GT	GTR	GTF	GTR	X	YR	AH	TP		
17-70-151	6.62	88.0	1.04 1.09 1.11 1.11	1.14	.726	275.9	12.7	11.4	8.8	10.9	10.7	10.7	13.0	10.3	12.3	1.70	7.03	2.79	12.28
17-70-152	5.38	71.2	1.04 1.10 1.13 1.13	1.16	.709	218.1	12.4	11.0	8.4	10.3	10.2	10.2	12.4	9.8	11.7	1.68	7.19	2.86	12.07
17-70-153	4.46	57.2	1.05 1.12 1.14 1.14	1.18	.686	171.8	12.0	10.7	7.9	9.8	9.7	9.7	11.8	9.2	11.1	1.65	7.50	2.93	11.78
17-70-154	3.72	46.5	1.04 1.13 1.16 1.16	1.20	.666	138.4	12.0	10.7	7.8	9.7	9.5	9.5	11.6	9.1	11.0	1.63	7.72	3.01	10.62
17-70-155	2.92	34.8	1.04 1.15 1.18 1.18	1.22	.639	103.5	12.0	10.6	7.6	9.4	9.3	9.3	11.3	8.9	10.8	1.59	8.03	3.12	9.33
17-70-156	2.78	31.9	1.04 1.15 1.18 1.18	1.22	.636	98.1	12.0	10.7	7.6	9.5	9.3	9.3	11.4	8.5	10.8	1.59	8.05	3.14	9.00
17-70-157	2.18	24.0	1.03 1.17 1.21 1.21	1.24	.609	73.8	12.1	10.7	7.6	9.5	9.3	9.2	11.3	8.5	10.7	1.55	8.33	3.28	7.70
17-70-158	1.75	18.1	1.01 1.20 1.23 1.24	1.27	.581	56.3	12.1	10.7	7.5	9.4	9.2	9.1	11.1	8.8	10.7	1.51	8.64	3.43	6.67
17-70-159	1.41	13.8	1.00 1.22 1.26 1.27	1.29	.553	43.3	12.2	10.7	7.6	9.4	9.1	9.1	11.1	8.9	10.7	1.47	8.93	3.59	5.75
17-70-160	1.14	10.4	0.97 1.26 1.30 1.31	1.32	.519	32.8	12.3	10.8	7.7	9.5	9.2	9.1	11.1	9.0	10.8	1.41	9.34	3.80	4.83
17-70-161	0.93	7.7	0.94 1.30 1.35 1.36	1.34	.481	24.8	12.6	10.9	8.1	9.9	9.4	9.3	11.4	9.4	11.1	1.35	9.87	4.06	3.92
17-70-162	0.77	5.6	0.92 1.35 1.40 1.41	1.37	.442	19.0	13.3	11.5	8.6	10.5	9.8	9.7	11.8	10.0	11.7	1.27	10.48	4.35	3.14
17-70-163	0.65	4.0	0.88 1.39 1.44 1.45	1.39	.396	14.4	13.8	11.9	9.7	11.6	10.4	10.3	12.4	10.5	12.3	1.17	11.39	4.40	2.55
17-70-164	16.55	287.4	1.02 1.06 1.08 1.08	1.10	.771	722.9	16.0	13.1	12.4	14.1	14.3	14.2	16.5	13.5	15.6	1.75	6.77	2.60	10.47
17-70-165	12.53	232.6	1.02 1.07 1.09 1.09	1.11	.759	541.5	14.8	12.2	11.2	12.8	13.0	13.0	15.2	12.7	14.3	1.74	6.81	2.66	11.42
17-70-166	9.72	186.1	1.02 1.08 1.10 1.10	1.13	.745	412.9	13.8	11.5	10.2	11.8	12.0	12.0	14.1	11.6	13.3	1.72	6.88	2.72	12.20
17-70-167	7.93	150.7	1.02 1.09 1.11 1.12	1.14	.732	329.5	13.3	11.0	9.5	11.1	11.4	11.3	13.4	11.0	12.6	1.71	6.99	2.78	12.37
17-70-168	6.28	121.3	1.02 1.11 1.13 1.13	1.16	.711	250.5	12.9	10.7	9.1	10.5	10.9	10.8	12.7	10.5	12.0	1.68	7.22	2.86	11.91
17-70-169	5.08	96.6	1.02 1.12 1.15 1.15	1.18	.688	193.1	12.7	10.5	8.7	10.1	10.4	10.4	12.3	10.1	11.5	1.65	7.50	2.95	11.20
17-70-170	4.13	75.1	1.03 1.14 1.17 1.17	1.20	.664	149.6	12.7	10.5	8.5	9.9	10.2	10.1	12.0	9.8	11.2	1.62	7.79	3.04	10.15
17-70-171	3.39	59.0	1.02 1.16 1.19 1.20	1.22	.640	116.9	12.8	10.5	8.5	9.8	10.1	10.0	11.8	9.8	11.1	1.59	8.09	3.14	8.94
17-70-172	2.78	45.7	1.01 1.17 1.21 1.22	1.23	.615	91.6	12.8	10.5	8.4	9.7	10.0	9.5	11.7	9.7	11.0	1.56	8.37	3.25	7.81
17-70-173	2.32	36.0	1.00 1.19 1.23 1.24	1.25	.593	73.4	13.2	10.7	8.7	10.0	10.3	10.1	11.6	10.0	11.3	1.53	8.61	3.37	6.49
17-70-174	2.39	36.9	1.00 1.19 1.23 1.24	1.25	.596	76.4	13.1	10.7	8.7	10.0	10.2	10.1	11.6	10.0	11.2	1.53	8.56	3.35	6.77
17-70-175	1.90	27.5	0.99 1.22 1.25 1.27	1.27	.567	57.3	13.3	10.8	8.9	10.1	10.3	10.2	12.0	10.1	11.3	1.49	8.91	3.52	5.53
17-70-176	1.53	20.4	0.97 1.24 1.28 1.29	1.28	.540	44.2	13.8	11.1	9.3	10.6	10.7	10.5	12.4	10.6	11.8	1.45	9.19	3.70	4.39
17-70-177	1.23	14.9	0.94 1.27 1.31 1.33	1.30	.506	33.3	14.2	11.4	9.8	11.0	11.1	10.9	12.7	11.0	12.2	1.39	9.63	3.94	3.49
17-70-178	0.83	7.4	0.88 1.32 1.34 1.38	1.31	.431	19.4	17.0	13.4	13.2	14.4	14.0	13.6	15.7	13.9	15.2	1.25	10.86	4.40	1.72
17-70-179	1.01	10.7	0.91 1.30 1.34 1.36	1.31	.469	25.3	15.5	12.3	11.1	12.3	12.3	12.0	13.9	12.3	13.5	1.32	10.18	4.22	2.48
17-70-180	0.67	4.8	0.87 1.31 1.33 1.37	1.29	.393	14.9	19.1	15.2	16.1	17.6	16.5	15.9	18.3	16.0	17.5	1.17	11.59	4.40	1.17
17-70-181	0.53	2.8	0.83 1.35 1.35 1.41	1.31	.314	9.8	21.4	17.1	19.9	21.6	19.4	18.5	21.0	17.8	19.5	0.96	13.88	4.40	0.97
17-50-182	14.03	0.0	0.0 0.0 0.0 0.0	0.0	.925	1917.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.03	4.87		
17-50-183	10.01	0.0	0.0 0.0 0.0 0.0	0.0	.919	1354.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.02	4.92		
17-50-184	7.41	0.0	0.0 0.0 0.0 0.0	0.0	.913	995.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.01	4.96		
17-50-185	5.69	0.0	0.0 0.0 0.0 0.0	0.0	.908	760.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.01	4.99		
17-50-186	4.43	0.0	0.0 0.0 0.0 0.0	0.0	.903	590.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	5.01		
17-50-187	3.60	0.0	0.0 0.0 0.0 0.0	0.0	.899	477.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.99	5.03		
17-50-188	3.26	0.0	0.0 0.0 0.0 0.0	0.0	.897	433.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.99	5.03		
17-50-189	2.59	0.0	0.0 0.0 0.0 0.0	0.0	.893	346.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.99	4.99		
17-50-190	2.07	0.0	0.0 0.0 0.0 0.0	0.0	.888	277.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.98	4.99		
17-50-191	1.68	0.0	0.0 0.0 0.0 0.0	0.0	.882	222.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.97	5.04		
17-50-192	1.37	0.0	0.0 0.0 0.0 0.0	0.0	.875	179.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.96	5.10		
17-50-193	1.14	0.0	0.0 0.0 0.0 0.0	0.0	.866	145.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.95	5.23		
17-50-194	0.91	0.0	0.0 0.0 0.0 0.0	0.0	.955	113.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.93	5.36		
17-50-195	0.75	0.0	0.0 0.0 0.0 0.0	0.0	.846	91.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.91	5.47		
17-50-196	0.61	0.0	0.0 0.0 0.0 0.0	0.0	.835	73.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	5.55		
17-50-197	0.49	0.0	0.0 0.0 0.0 0.0	0.0	.823	58.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.88	5.70		
17-50-198	0.41	0.0	0.0 0.0 0.0 0.0	0.0	.814	47.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.86	5.73		
17-50-199	0.33	0.0	0.0 0.0 0.0 0.0	0.0	.801	38.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.84	5.86		
17-50-200	0.27	0.0	0.0 0.0 0.0 0.0	0.0	.787	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.82	5.98		

Table 6 cont.

RUN NO.	RE*E4	REI*E4	F	F1	STB	STPR	UI/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-50-201	0.22	0.39	.03079	.05264	.0	.0	1.01	3.18	1.00	.707	.1815	.906	24.3	24.3	24.3	24.3	5.17	5.17	2.42	1.26
17-50-202	0.18	0.29	.02553	.03922	.0	.0	1.02	2.36	1.00	.707	.1970	.886	17.2	17.2	17.2	17.2	6.18	6.18	2.43	1.37
17-50-203	16.50	37.89	.03787	.08538	.0	.0	1.01	12.31	1.00	.705	.1444	.971	2269.9	2269.9	2269.9	2269.9	4.48	4.48	2.33	0.36
17-50-204	11.72	26.69	.03719	.08301	.0	.0	1.01	11.28	1.00	.705	.1455	.969	1590.9	1590.9	1590.9	1590.9	4.52	4.52	2.34	0.39
17-50-205	8.61	19.47	.03752	.08317	.0	.0	1.01	10.64	1.00	.705	.1463	.967	1169.9	1169.9	1169.9	1169.9	4.48	4.48	2.35	0.42
17-50-206	6.60	14.82	.03690	.08087	.0	.0	1.01	9.87	1.00	.706	.1474	.965	885.8	885.8	885.8	885.8	4.52	4.52	2.35	0.45
17-50-207	5.05	11.25	.03707	.08073	.0	.0	1.01	9.33	1.00	.706	.1483	.963	676.9	676.9	676.9	676.9	4.50	4.50	2.36	0.48
17-50-208	4.05	8.97	.03723	.08052	.0	.0	1.01	8.89	1.00	.706	.1491	.961	542.4	542.4	542.4	542.4	4.48	4.48	2.36	0.51
17-50-209	3.28	7.21	.03770	.08106	.0	.0	1.01	8.55	1.00	.706	.1499	.960	440.3	440.3	440.3	440.3	4.43	4.43	2.37	0.54
17-50-210	7.29	16.39	.03653	.08033	.0	.0	1.01	10.01	1.00	.705	.1472	.965	974.5	974.5	974.5	974.5	4.55	4.55	2.35	0.44
17-50-211	5.43	12.11	.03671	.08005	.0	.0	1.01	9.41	1.00	.705	.1482	.963	724.8	724.8	724.8	724.8	4.53	4.53	2.36	0.48
17-50-212	4.16	9.20	.03676	.07945	.0	.0	1.01	8.85	1.00	.706	.1492	.961	553.2	553.2	553.2	553.2	4.51	4.51	2.36	0.51
17-50-213	3.24	7.12	.03713	.07963	.0	.0	1.01	8.41	1.00	.706	.1501	.959	431.9	431.9	431.9	431.9	4.48	4.48	2.37	0.55
17-50-214	2.61	5.70	.03765	.08025	.0	.0	1.01	8.08	1.00	.706	.1509	.957	349.4	349.4	349.4	349.4	4.43	4.43	2.37	0.58
17-50-215	2.05	4.44	.03805	.08041	.0	.0	1.01	7.67	1.00	.706	.1520	.955	274.4	274.4	274.4	274.4	4.39	4.39	2.37	0.62
17-50-216	1.66	3.55	.03770	.07880	.0	.0	1.01	7.19	1.00	.706	.1534	.953	219.7	219.7	219.7	219.7	4.41	4.41	2.38	0.66
17-50-217	1.34	2.84	.03703	.07637	.0	.0	1.01	6.69	1.00	.706	.1550	.949	175.2	175.2	175.2	175.2	4.45	4.45	2.38	0.70
17-50-218	1.09	2.27	.03607	.07320	.0	.0	1.01	6.15	1.00	.707	.1570	.946	138.9	138.9	138.9	138.9	4.53	4.53	2.39	0.74
17-50-219	0.89	1.82	.03504	.06988	.0	.0	1.01	5.65	1.00	.707	.1592	.942	111.0	111.0	111.0	111.0	4.62	4.62	2.39	0.78
17-50-220	0.72	1.46	.03450	.06766	.0	.0	1.01	5.24	1.00	.707	.1614	.938	88.7	88.7	88.7	88.7	4.67	4.67	2.40	0.84
17-50-221	0.59	1.17	.03401	.06554	.0	.0	1.01	4.86	1.00	.707	.1633	.934	71.3	71.3	71.3	71.3	4.72	4.72	2.40	0.89
17-50-222	0.48	0.94	.03339	.06309	.0	.0	1.01	4.49	1.00	.707	.1665	.929	57.5	57.5	57.5	57.5	4.79	4.79	2.40	0.95
17-50-223	0.40	0.75	.03215	.05910	.0	.0	1.01	4.04	1.00	.707	.1703	.923	45.5	45.5	45.5	45.5	4.95	4.95	2.41	1.02
17-50-224	0.32	0.60	.03194	.05750	.0	.0	1.01	3.76	1.00	.707	.1734	.918	36.7	36.7	36.7	36.7	4.98	4.98	2.41	1.09
17-50-225	0.27	0.49	.03165	.05575	.0	.0	1.01	3.49	1.00	.707	.1769	.913	30.0	30.0	30.0	30.0	5.03	5.03	2.41	1.17
17-50-226	15.28	34.98	.03745	.08417	.00833	.00696	1.01	12.00	1.14	.695	.1448	.971	2089.8	1674.8	2129.1	1706.2	4.52	4.43	2.33	0.36
17-50-227	10.75	24.39	.03679	.08183	.00896	.00749	1.01	10.97	1.14	.694	.1460	.968	1450.7	1161.4	1478.1	11183.3	4.55	4.46	2.34	0.40
17-50-228	7.72	17.38	.03685	.08122	.00978	.00815	1.01	10.22	1.13	.694	.1470	.966	1038.1	838.6	1056.9	853.8	4.53	4.45	2.35	0.43
17-50-229	5.73	12.80	.03697	.08078	.01062	.00883	1.01	9.58	1.13	.693	.1479	.964	769.0	626.5	782.3	637.4	4.51	4.43	2.36	0.47
17-50-230	4.37	9.69	.03747	.08129	.01117	.00928	1.01	9.10	1.12	.693	.1488	.962	588.0	479.9	598.1	488.2	4.46	4.38	2.36	0.50
17-50-231	3.45	7.59	.03724	.08009	.01179	.00979	1.01	8.58	1.12	.693	.1499	.960	461.3	378.8	469.0	385.1	4.47	4.39	2.37	0.54
17-50-232	4.37	9.69	.03737	.08106	.01122	.00934	1.01	9.10	1.13	.693	.1489	.962	587.2	476.9	597.6	485.3	4.47	4.39	2.36	0.50
17-50-233	3.26	7.15	.03754	.08066	.01210	.01005	1.01	8.54	1.12	.692	.1501	.959	436.5	357.4	444.0	363.5	4.45	4.36	2.37	0.54
17-50-234	2.56	5.56	.03795	.08069	.01276	.01057	1.01	8.12	1.12	.692	.1511	.957	342.3	283.4	347.8	288.0	4.41	4.33	2.37	0.58
17-50-235	2.05	4.39	.03779	.07986	.01361	.01126	1.01	7.70	1.11	.693	.1523	.955	271.7	227.0	275.9	230.5	4.41	4.33	2.37	0.62
17-50-236	1.62	3.43	.03709	.07735	.01400	.01158	1.01	7.14	1.11	.692	.1540	.951	211.7	177.1	214.9	179.7	4.45	4.38	2.38	0.66
17-50-237	1.30	2.71	.03564	.07303	.01374	.01138	1.01	6.49	1.12	.692	.1562	.947	165.1	137.4	167.7	139.6	4.57	4.49	2.39	0.70
17-50-238	1.06	2.17	.03454	.06959	.01375	.01138	1.01	5.95	1.11	.693	.1584	.943	131.5	110.1	133.4	111.8	4.67	4.59	2.39	0.74
17-50-239	0.86	1.74	.03349	.06623	.01368	.01133	1.01	5.45	1.11	.693	.1608	.939	104.2	87.4	105.8	88.7	4.77	4.69	2.40	0.79
17-50-240	0.70	1.39	.03312	.06443	.01359	.01124	1.01	5.07	1.11	.693	.1631	.935	83.4	70.2	84.6	71.2	4.81	4.73	2.40	0.84
17-50-241	0.57	1.10	.03259	.06221	.01318	.01091	1.01	4.69	1.11	.693	.1653	.930	66.3	55.6	67.3	56.4	4.87	4.79	2.40	0.90
17-50-242	0.46	0.87	.03147	.05857	.01283	.01065	1.01	4.25	1.12	.693	.1694	.924	52.2	43.4	53.1	44.1	5.01	4.92	2.41	0.96
17-50-243	0.39	0.72	.03070	.05589	.01181	.00982	1.01	3.92	1.12	.693	.1726	.919	43.1	35.8	43.8	36.3	5.12	5.03	2.41	1.02
17-50-244	0.32	0.57	.03000	.05313	.01111	.00924	1.01	3.56	1.13	.693	.1769	.913	34.0	28.0	34.5	28.5	5.24	5.14	2.41	1.10
17-50-245	0.25	0.44	.02832	.04800	.00943	.00788	1.01	3.10	1.14	.693	.1837	.903	26.0	21.1	26.4	21.5	5.53	5.42	2.42	1.20
17-50-246	0.21	0.33	.02406	.03703	.00690	.00580	1.02	2.37	1.16	.694	.1983	.885	18.8	15.0	19.2	15.3	6.47	6.33	2.43	1.28
17-50-247	2.85	6.18	.03859	.09295	.01320	.01118	1.01	8.61	1.21	.684	.1505	.958	384.5	281.9	394.9	289.6	4.36	4.23	2.37	0.57
17-50-248	2.17	4.67	.03916	.08349	.01418	.01197	1.01	8.17	1.20	.683	.1516	.956	294.0	218.6	301.6	224.2	4.31	4.18	2.37	0.61
17-50-249	1.74	3.68	.03763	.07901	.01409	.01189	1.01	7.44	1.20	.683	.1535	.952	228.4	170.1	234.2	174.4	4.41	4.29	2.38	0.65
17-50-250	1.38	2.88	.03624	.07483	.01434	.01208	1.01	6.78	1.19	.683	.1557	.948	177.1	132.7	181.6	136.1	4.52	4.40	2.38	0.69

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPRI	G*	3*R	G*1	GT	GTR	GTF	GTR	X	YR	AH	TP		
17-50-201	0.22	0.0	0.0	0.0	0.0	0.0	0.0	.771	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.79	6.16			
17-50-202	0.18	0.0	0.0	0.0	0.0	0.0	0.0	.725	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.70	7.14			
17-50-203	16.50	0.0	0.0	0.0	0.0	0.0	0.0	.927	2269.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.03	4.84			
17-50-204	11.72	0.0	0.0	0.0	0.0	0.0	0.0	.921	1590.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.03	4.91			
17-50-205	8.61	0.0	0.0	0.0	0.0	0.0	0.0	.917	1169.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.02	4.90			
17-50-206	6.60	0.0	0.0	0.0	0.0	0.0	0.0	.911	885.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.01	4.97			
17-50-207	5.05	0.0	0.0	0.0	0.0	0.0	0.0	.906	676.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	4.98			
17-50-208	4.05	0.0	0.0	0.0	0.0	0.0	0.0	.902	542.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	4.98			
17-50-209	3.28	0.0	0.0	0.0	0.0	0.0	0.0	.899	440.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.99	4.97			
17-50-210	7.29	0.0	0.0	0.0	0.0	0.0	0.0	.912	974.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.01	4.99			
17-50-211	5.43	0.0	0.0	0.0	0.0	0.0	0.0	.907	724.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.01	5.00			
17-50-212	4.16	0.0	0.0	0.0	0.0	0.0	0.0	.902	553.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	5.02			
17-50-213	3.24	0.0	0.0	0.0	0.0	0.0	0.0	.897	431.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.99	5.01			
17-50-214	2.61	0.0	0.0	0.0	0.0	0.0	0.0	.893	349.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.99	4.99			
17-50-215	2.05	0.0	0.0	0.0	0.0	0.0	0.0	.888	274.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.98	4.99			
17-50-216	1.66	0.0	0.0	0.0	0.0	0.0	0.0	.882	219.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.97	5.04			
17-50-217	1.34	0.0	0.0	0.0	0.0	0.0	0.0	.874	175.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.96	5.12			
17-50-218	1.09	0.0	0.0	0.0	0.0	0.0	0.0	.865	138.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	5.23			
17-50-219	0.89	0.0	0.0	0.0	0.0	0.0	0.0	.855	111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.93	5.35			
17-50-220	0.72	0.0	0.0	0.0	0.0	0.0	0.0	.845	88.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.91	5.44			
17-50-221	0.59	0.0	0.0	0.0	0.0	0.0	0.0	.836	71.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	5.52			
17-50-222	0.48	0.0	0.0	0.0	0.0	0.0	0.0	.825	57.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.88	5.63			
17-50-223	0.40	0.0	0.0	0.0	0.0	0.0	0.0	.810	45.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.86	5.82			
17-50-224	0.32	0.0	0.0	0.0	0.0	0.0	0.0	.798	36.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.84	5.90			
17-50-225	0.27	0.0	0.0	0.0	0.0	0.0	0.0	.786	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.82	5.99			
17-50-226	15.28	77.4	1.03	1.00	1.01	1.02	1.02	.899	2089.8	25.0	26.9	22.2	27.6	24.0	23.8	29.2	23.7	29.1	1.03	4.87	2.33	3.34
17-50-227	10.75	59.5	1.02	1.00	1.02	1.02	1.03	.890	1450.7	22.7	24.4	20.1	25.1	21.8	21.7	26.7	21.5	26.5	1.02	4.94	2.38	3.72
17-50-228	7.72	45.0	1.02	1.01	1.02	1.02	1.03	.883	1038.1	20.6	22.2	18.1	22.7	19.8	19.8	24.4	19.5	24.1	1.01	4.96	2.43	4.25
17-50-229	5.73	35.0	1.03	1.01	1.02	1.02	1.04	.876	769.0	19.0	20.6	16.3	20.6	18.0	18.1	22.3	17.7	22.0	1.01	4.98	2.47	4.83
17-50-230	4.37	28.1	1.02	1.01	1.03	1.02	1.05	.870	588.0	17.9	19.4	15.4	19.5	17.1	17.2	21.3	16.8	20.8	1.00	4.96	2.52	4.98
17-50-231	3.45	23.0	1.01	1.01	1.03	1.02	1.05	.862	461.3	16.7	18.2	14.3	18.1	15.9	16.1	19.9	15.6	19.4	0.99	5.00	2.56	5.39
17-50-232	4.37	29.1	1.02	1.01	1.03	1.02	1.05	.869	587.2	17.9	19.3	15.3	19.3	17.0	17.1	21.1	16.6	20.7	1.00	4.97	2.52	5.08
17-50-233	3.26	23.0	1.02	1.01	1.04	1.02	1.05	.861	436.5	16.5	17.9	13.9	17.6	15.5	15.8	19.5	15.2	18.9	0.99	4.98	2.58	5.65
17-50-234	2.56	17.9	1.01	1.02	1.04	1.02	1.06	.854	342.3	15.5	16.9	12.9	16.5	14.6	14.9	18.4	14.2	17.8	0.98	4.98	2.62	5.97
17-50-235	2.05	14.6	1.04	1.02	1.05	1.02	1.07	.846	271.7	14.7	16.0	11.8	15.2	13.4	13.8	17.1	13.1	16.4	0.98	5.00	2.67	6.67
17-50-236	1.62	12.0	1.05	1.03	1.06	1.03	1.08	.835	211.7	14.2	15.5	11.1	14.3	12.7	13.1	16.3	12.3	15.5	0.96	5.08	2.73	6.81
17-50-237	1.30	9.8	1.03	1.03	1.06	1.03	1.09	.821	165.1	13.7	15.0	10.9	14.1	12.4	12.9	16.0	12.1	15.2	0.95	5.23	2.80	6.21
17-50-238	1.06	7.6	1.05	1.04	1.07	1.03	1.10	.808	131.5	13.5	14.8	10.5	13.6	12.0	12.5	15.5	11.6	14.7	0.93	5.36	2.87	6.01
17-50-239	0.86	6.2	1.07	1.04	1.08	1.04	1.12	.793	104.2	13.5	14.8	10.1	13.2	11.6	12.1	15.1	11.2	14.2	0.92	5.50	2.95	5.75
17-50-240	0.70	4.9	1.07	1.05	1.09	1.04	1.13	.781	83.4	13.4	14.7	10.0	13.0	11.4	11.9	14.8	11.0	14.0	0.90	5.57	3.03	5.36
17-50-241	0.57	4.0	1.08	1.05	1.10	1.05	1.13	.766	66.3	13.7	15.0	10.0	13.1	11.4	12.0	14.9	11.0	14.0	0.88	5.67	3.12	4.72
17-50-242	0.46	3.3	1.14	1.06	1.11	1.06	1.15	.746	52.2	14.4	15.7	9.9	12.9	11.2	11.8	14.7	10.8	13.8	0.86	5.84	3.23	4.40
17-50-243	0.39	2.6	1.13	1.07	1.12	1.06	1.15	.730	43.1	15.2	16.4	10.6	13.8	11.8	12.5	15.5	11.4	14.6	0.84	5.98	3.33	3.43
17-50-244	0.32	2.0	1.15	1.08	1.13	1.07	1.16	.710	34.0	16.1	17.4	11.0	14.3	12.2	12.8	16.0	11.8	15.0	0.81	6.14	3.47	2.91
17-50-245	0.25	1.5	1.14	1.08	1.13	1.08	1.16	.680	26.0	17.9	19.2	12.6	15.2	13.7	14.3	17.8	13.3	16.9	0.77	6.46	3.66	1.93
17-50-246	0.21	1.0	1.13	1.04	1.13	1.10	1.15	.623	18.8	21.7	23.1	15.9	20.2	16.9	17.3	21.4	16.3	20.5	0.69	7.35	3.96	1.01
17-50-247	2.85	52.5	1.02	1.02	1.04	1.02	1.07	.858	384.5	15.3	15.9	12.6	15.9	14.3	14.6	17.9	13.9	17.2	0.99	4.91	2.63	7.00
17-50-248	2.17	41.8	1.04	1.02	1.05	1.02	1.07	.850	294.0	14.5	15.1	11.5	14.7	13.2	13.5	16.7	12.8	15.9	0.98	4.89	2.68	7.70
17-50-249	1.74	32.8	1.02	1.03	1.06	1.03	1.08	.838	228.4	13.8	14.4	11.2	14.2	12.8	13.1	16.2	12.4	15.4	0.97	5.03	2.75	7.24
17-50-250	1.38	26.2	1.03	1.03	1.07	1.03	1.10	.824	177.1	13.3	14.0	10.5	13.4	12.0	12.4	15.4	11.6	14.6	0.95	5.17	2.81	7.33

Table 6 cont.

RUN NO.	RE*E4	RE1*E4	F	F1	STB	STPR	U1/UB	F1/F2	TW/TB	PR	H/Y	BETA	H+	H+W	H+R	H+RW	RH+	RH+R	AS	AR
17-50-251	1.11	2.27	.03427	.06923	.01399	.01181	1.01	6.06	1.20	.683	.1584	.943	136.9	102.4	140.3	105.0	4.70	4.57	2.39	0.73
17-50-252	0.91	1.82	.03372	.06712	.01369	.01155	1.01	5.63	1.20	.684	.1605	.940	109.5	82.2	112.3	84.2	4.75	4.62	2.39	0.78
17-50-253	0.73	1.44	.03262	.06362	.01364	.01151	1.01	5.13	1.20	.683	.1633	.935	86.1	64.8	88.3	66.4	4.86	4.73	2.40	0.83
17-50-254	0.60	1.14	.03174	.06063	.01344	.01135	1.01	4.70	1.20	.684	.1664	.930	68.3	51.2	70.0	52.5	4.97	4.83	2.40	0.88
17-50-255	0.49	0.92	.03106	.05812	.01252	.01060	1.01	4.34	1.21	.684	.1694	.925	55.0	40.9	56.4	42.0	5.06	4.91	2.41	0.94
17-50-256	0.41	0.74	.02967	.05390	.01151	.00977	1.01	3.89	1.21	.684	.1737	.918	43.7	32.3	44.9	33.1	5.26	5.10	2.41	1.00
17-50-257	0.33	0.58	.02834	.04977	.01028	.00876	1.01	3.47	1.23	.684	.1789	.910	34.4	25.1	35.3	25.8	5.48	5.31	2.42	1.08
17-50-258	0.27	0.45	.02568	.04252	.00846	.00727	1.02	2.89	1.25	.685	.1879	.898	26.0	18.5	26.8	19.1	5.99	5.80	2.42	1.15
17-50-259	0.23	0.36	.02314	.03571	.00637	.00553	1.02	2.39	1.27	.686	.1989	.885	20.1	13.9	20.8	14.4	6.65	6.42	2.43	1.22
17-50-260	0.19	0.26	.02026	.02790	.00389	.00344	1.03	1.82	1.31	.687	.2172	.866	14.6	9.5	15.1	9.9	7.69	7.39	2.43	1.31
17-50-261	12.54	28.61	.03812	.08538	.00923	.00798	1.01	11.68	1.26	.686	.1453	.970	1730.4	1169.2	1789.9	1209.1	4.47	4.31	2.34	0.38
17-50-262	8.79	19.85	.03703	.08193	.00988	.00846	1.01	10.55	1.24	.684	.1466	.967	1188.4	831.7	1225.6	857.6	4.54	4.39	2.35	0.42
17-50-263	6.26	14.00	.03740	.08206	.01081	.00922	1.01	9.90	1.23	.684	.1476	.965	845.8	600.1	871.2	618.0	4.49	4.35	2.35	0.46
17-50-264	4.69	10.38	.03742	.08139	.01197	.01015	1.01	9.30	1.21	.684	.1487	.962	630.2	457.5	647.9	470.3	4.48	4.34	2.36	0.49
17-50-265	3.45	7.56	.03777	.08140	.01276	.01079	1.01	8.75	1.21	.683	.1498	.960	463.0	339.1	475.6	348.3	4.44	4.30	2.37	0.54
17-50-266	2.73	5.92	.03818	.08183	.01341	.01132	1.01	8.44	1.20	.683	.1508	.958	366.6	271.9	376.2	279.0	4.39	4.27	2.37	0.57

RUN NO.	RE*E4	Q<KW/M2>	ST+/ ST*/	ST1*/	STT*/	ST1F/ A1/AB	H+	G+	GPRI	G*	3*R	G*1	GT	GTR	GTF	GTFR	X	YR	AH	TP		
17-50-251	1.11	20.7	1.03	1.04	1.08	1.04	1.11	.807	136.9	13.1	13.7	10.2	13.1	11.7	12.1	15.0	11.3	14.2	0.93	5.37	2.89	6.74
17-50-252	0.91	16.1	1.03	1.05	1.08	1.04	1.12	.795	109.5	13.1	13.7	10.2	13.1	11.6	12.1	15.0	11.3	14.2	0.92	5.46	2.97	5.99
17-50-253	0.73	13.1	1.06	1.05	1.09	1.05	1.13	.779	86.1	13.1	13.7	9.8	12.6	11.2	11.7	14.5	10.8	13.6	0.90	5.61	3.06	5.81
17-50-254	0.60	10.6	1.09	1.06	1.11	1.06	1.15	.763	68.3	13.4	14.0	9.6	12.4	11.0	11.5	14.3	10.5	13.3	0.88	5.74	3.16	5.49
17-50-255	0.49	8.3	1.10	1.07	1.11	1.06	1.15	.747	55.0	14.2	14.7	10.1	13.0	11.5	12.0	14.5	11.0	13.9	0.86	5.87	3.26	4.37
17-50-256	0.41	6.4	1.10	1.07	1.12	1.07	1.16	.725	43.7	15.0	15.5	10.7	13.7	12.0	12.5	15.5	11.5	14.5	0.83	6.09	3.39	3.51
17-50-257	0.33	4.8	1.10	1.08	1.12	1.08	1.16	.701	34.4	16.2	16.6	11.6	14.8	12.9	13.4	16.5	12.4	15.5	0.80	6.34	3.54	2.63
17-50-258	0.27	3.4	1.11	1.09	1.12	1.10	1.16	.663	26.0	18.5	18.8	13.4	15.9	14.6	15.0	18.4	14.0	17.4	0.75	6.86	3.77	1.72
17-50-259	0.23	2.1	1.09	1.09	1.11	1.11	1.14	.621	20.1	22.5	22.6	17.3	21.4	18.5	18.6	22.6	17.5	21.5	0.69	7.48	4.02	0.91
17-50-260	0.19	1.2	1.08	1.07	1.08	1.11	1.10	.563	14.6	33.2	32.5	27.4	33.0	28.6	27.7	33.2	26.7	32.1	0.60	8.47	4.40	0.28
17-50-261	12.54	183.7	1.04	1.00	1.02	1.02	1.03	.896	1730.4	23.0	23.2	20.0	24.4	21.7	21.6	26.2	21.4	25.8	1.03	4.84	2.38	4.40
17-50-262	8.79	132.0	1.01	1.01	1.02	1.02	1.03	.886	1188.4	20.4	20.9	18.0	22.2	19.7	19.7	24.0	19.4	23.6	1.02	4.94	2.43	4.79
17-50-263	6.26	100.6	1.01	1.01	1.03	1.02	1.04	.879	845.8	18.6	19.1	16.2	20.1	17.9	18.0	22.0	17.5	21.4	1.01	4.94	2.48	5.44
17-50-264	4.69	78.6	1.03	1.01	1.03	1.02	1.05	.871	630.2	16.9	17.6	14.2	17.8	15.9	16.1	19.7	15.5	19.1	1.00	4.96	2.53	6.57
17-50-265	3.45	61.1	1.03	1.02	1.04	1.02	1.06	.863	463.0	15.8	16.5	13.1	16.5	14.8	15.0	18.5	14.4	17.8	0.99	4.96	2.59	6.98
17-50-266	2.73	50.1	1.03	1.02	1.04	1.02	1.07	.856	366.6	15.0	15.7	12.3	15.6	13.9	14.2	17.5	13.6	16.8	0.99	4.94	2.63	7.31

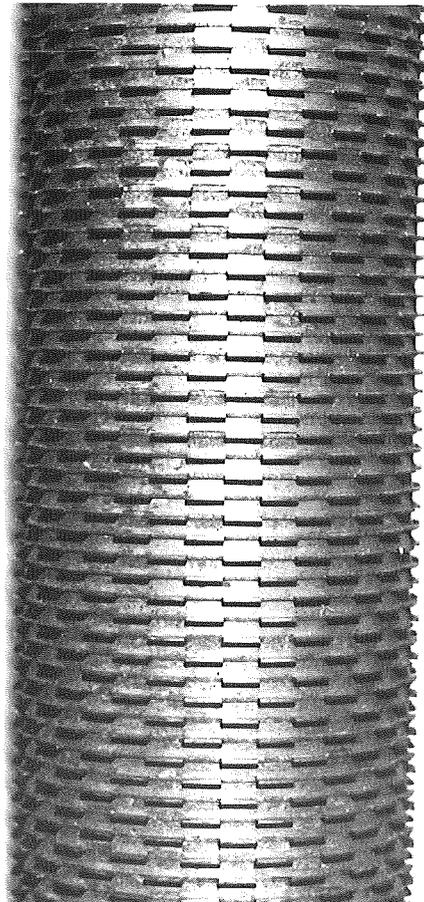
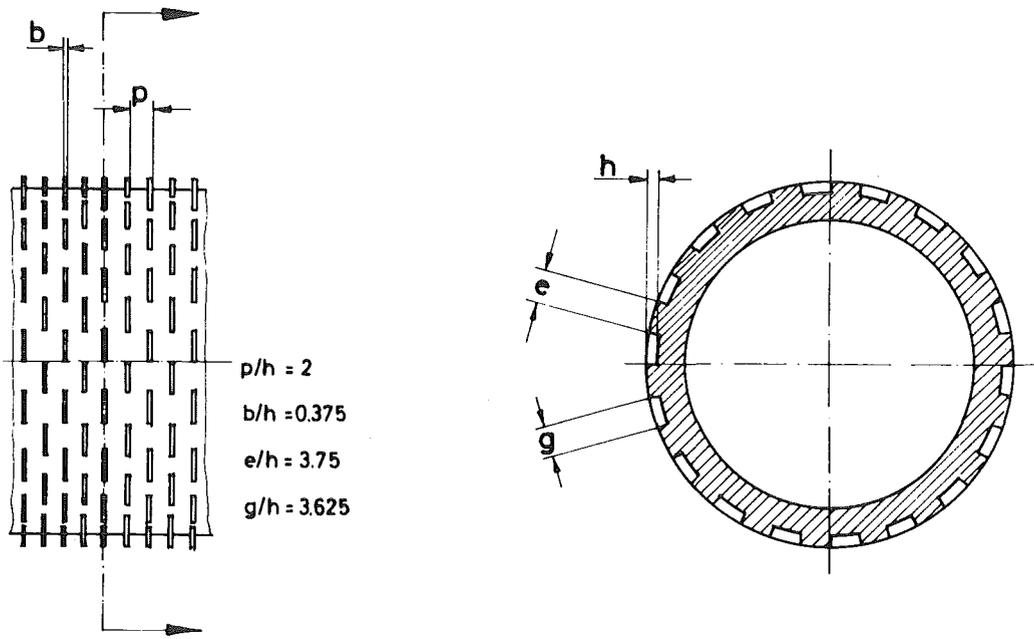


Fig.1: Roughness of rod No.10 (roughness type No.1)

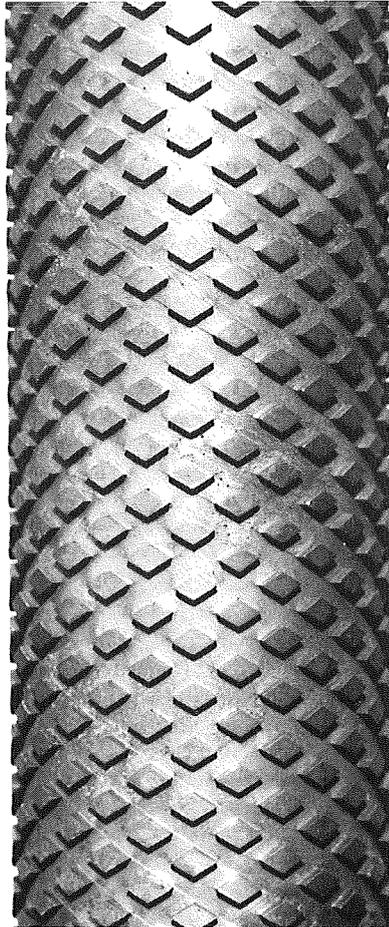
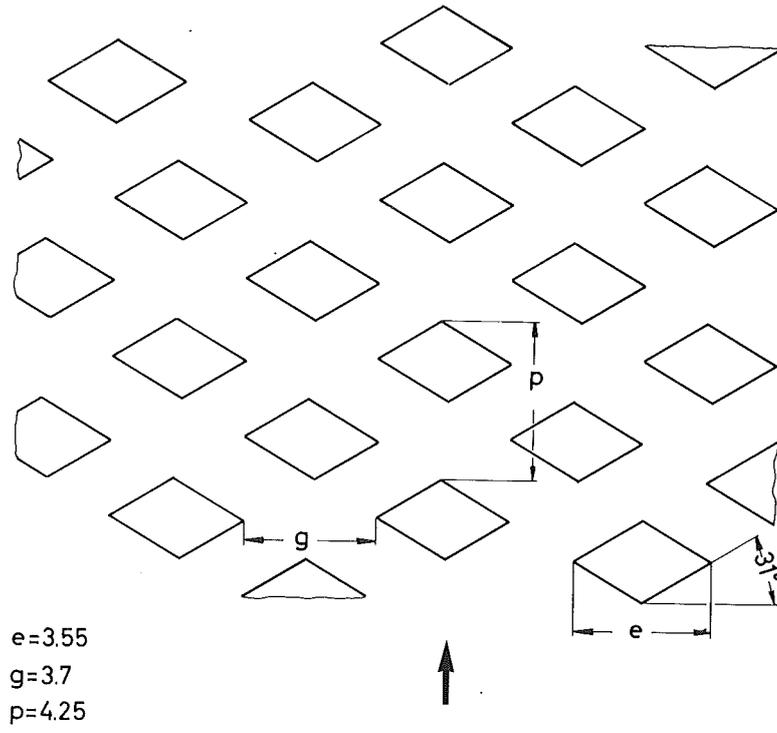


Fig.2: Roughness of rod No.17 (roughness type No.2)

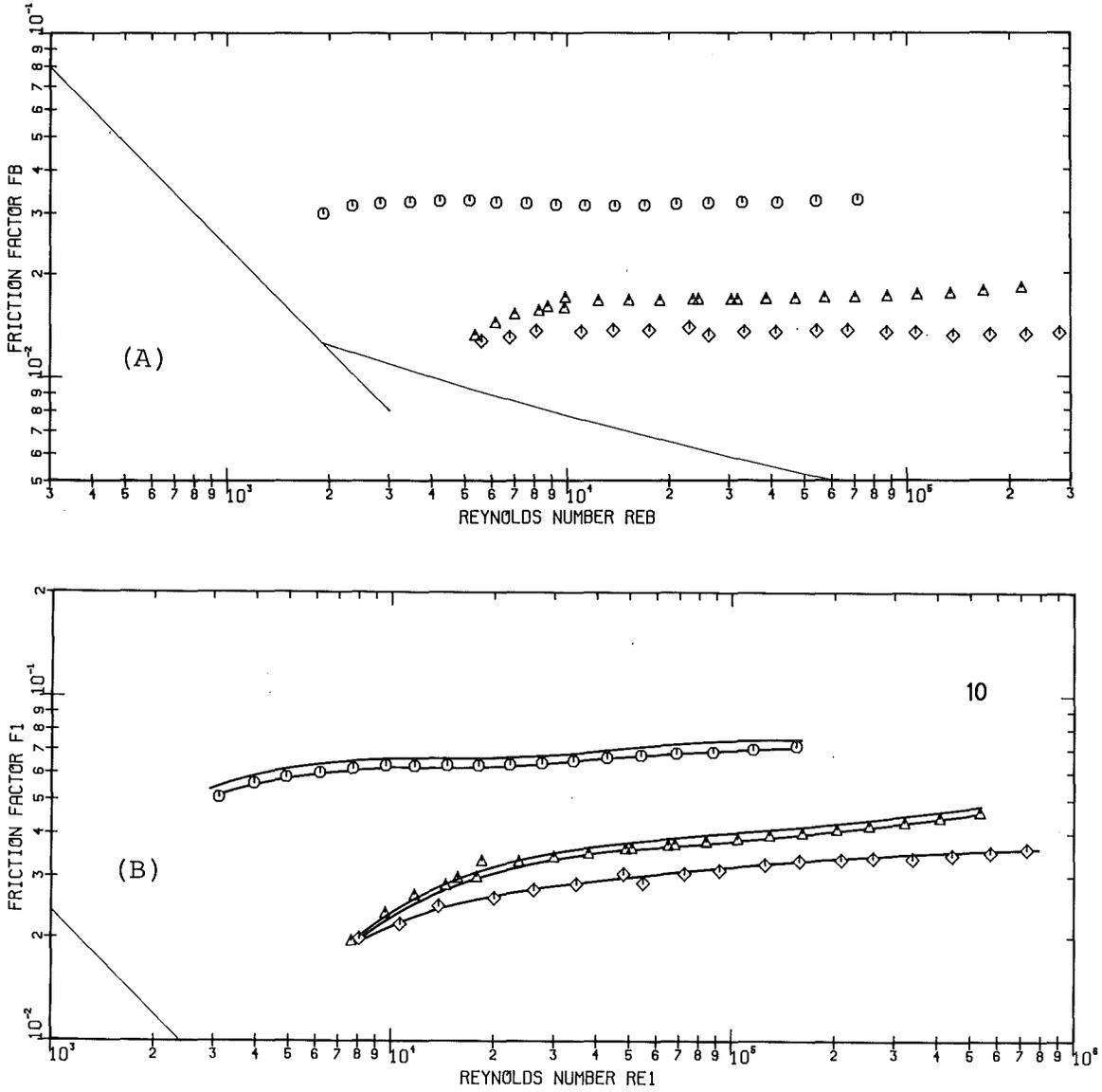


Fig.3: Friction factors of isothermal tests of rod No.10 in 3 outer tubes.

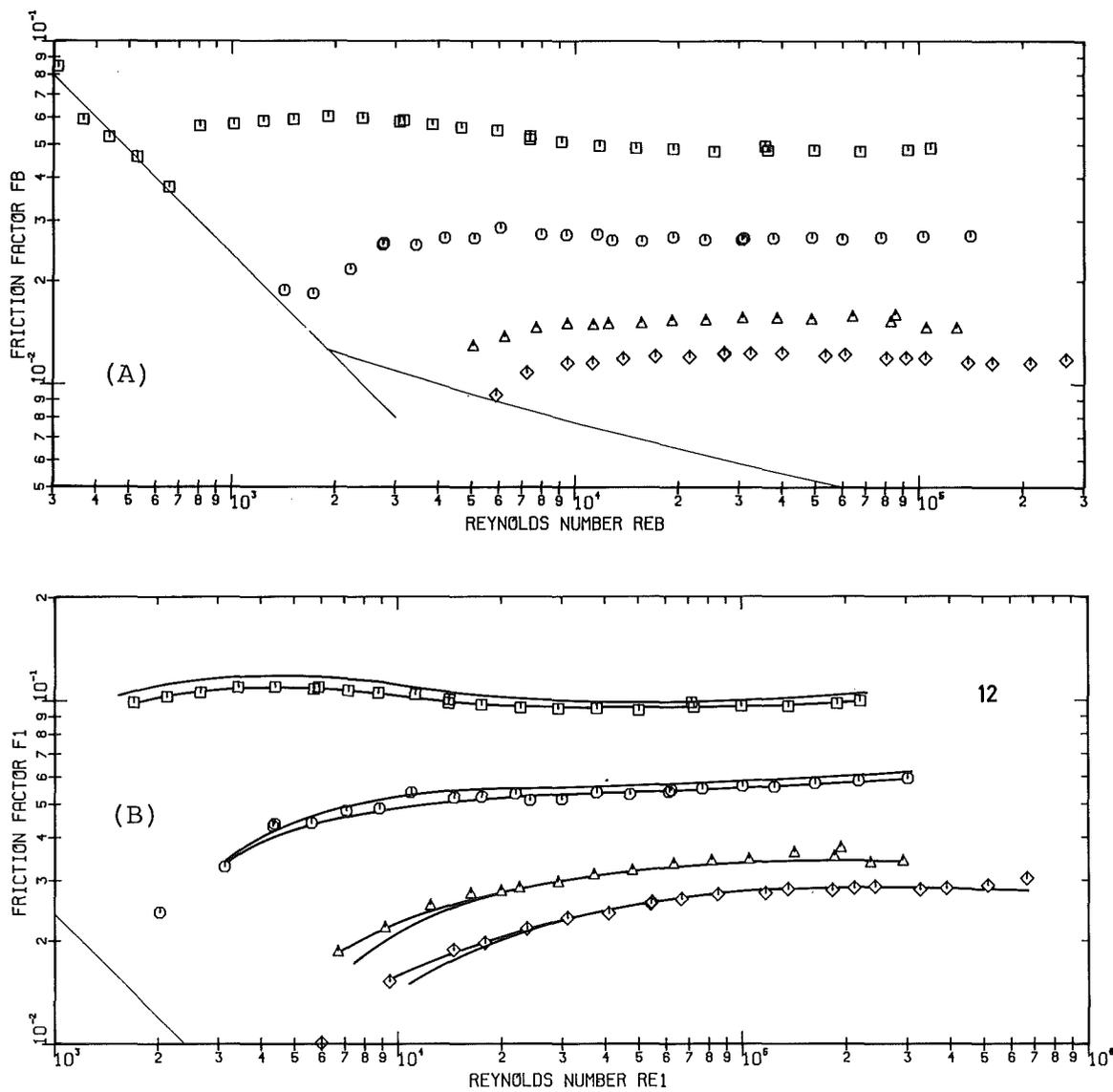


Fig.4: Friction factors of isothermal tests of rod No.12 in 4 outer tubes

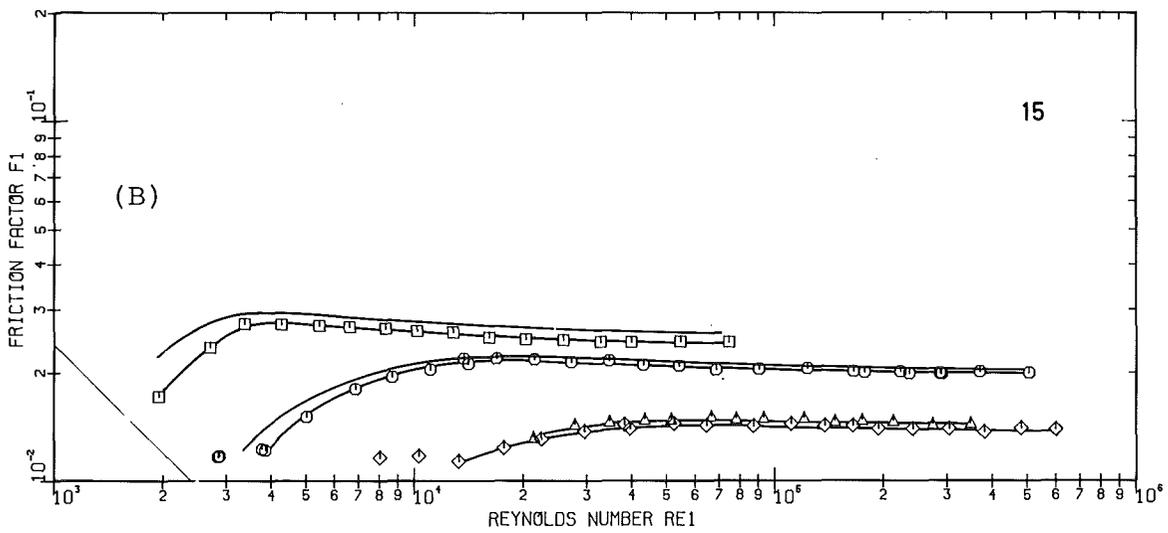
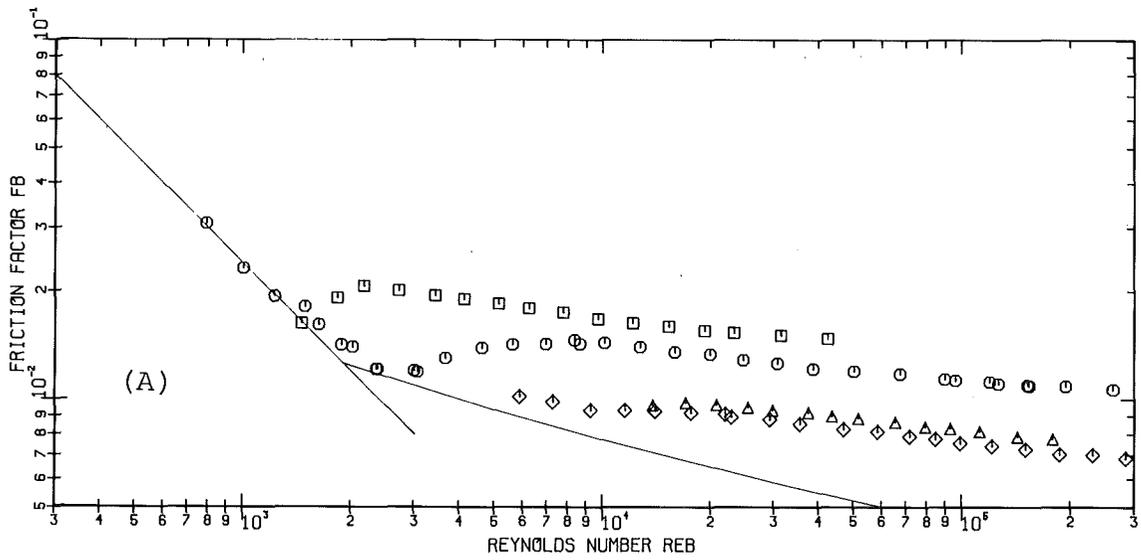


Fig.5: Friction factors of isothermal tests of rod No.15 in 4 outer tubes

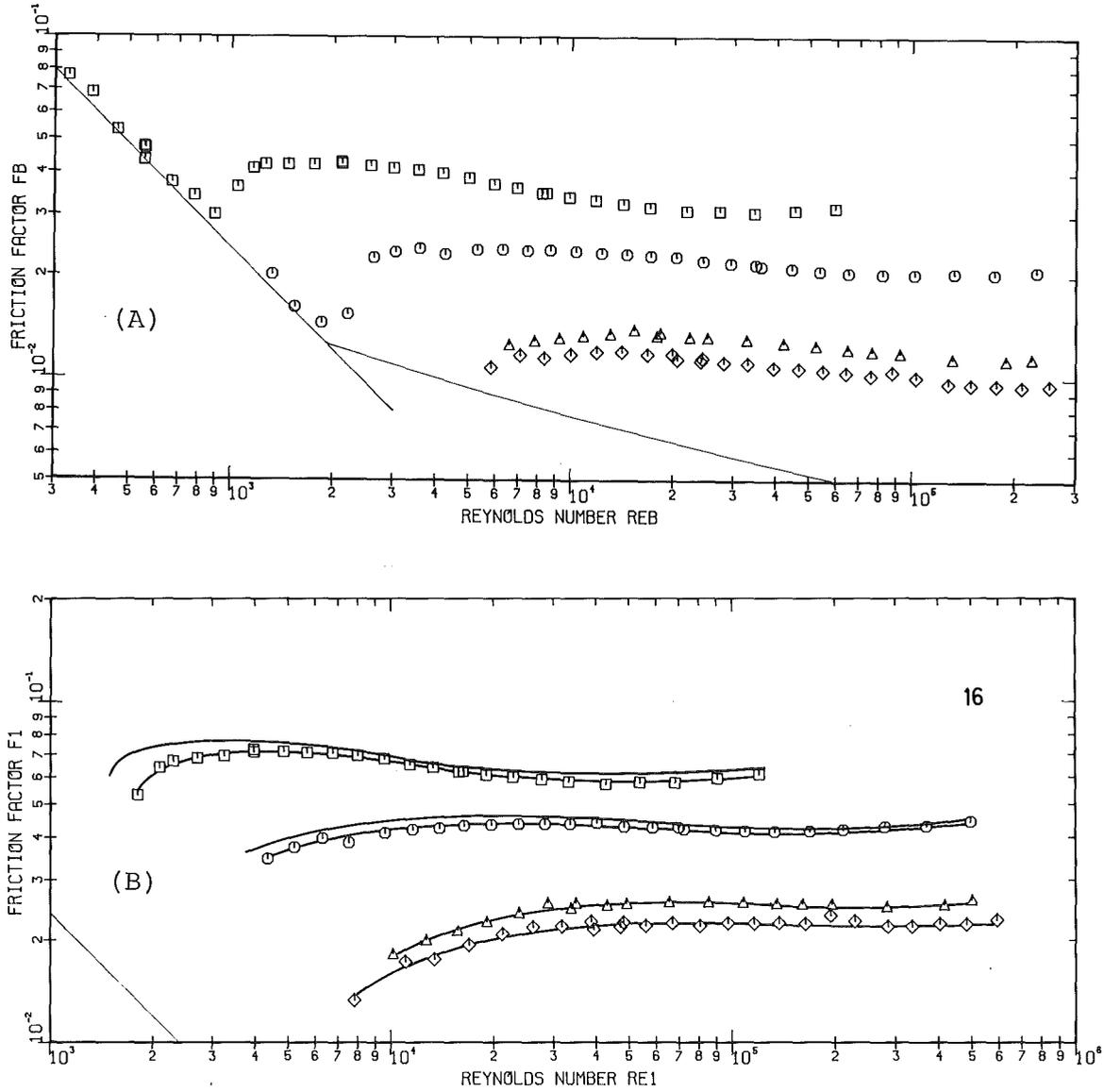


Fig.6: Friction factors of isothermal tests of rod No.16 in 4 outer tubes

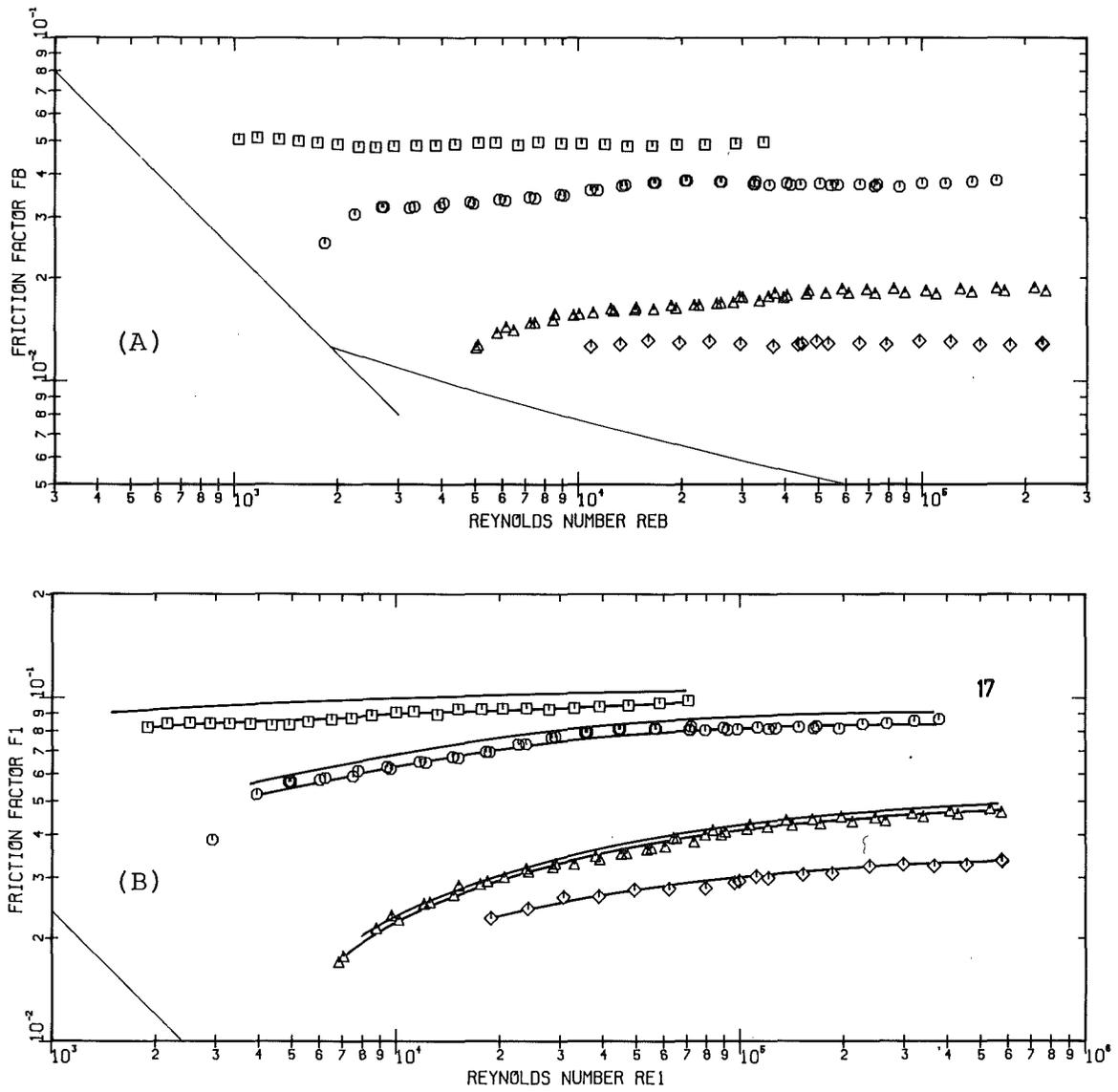


Fig.7: Friction factors of isothermal tests of rod No.17 in 4 outer tubes

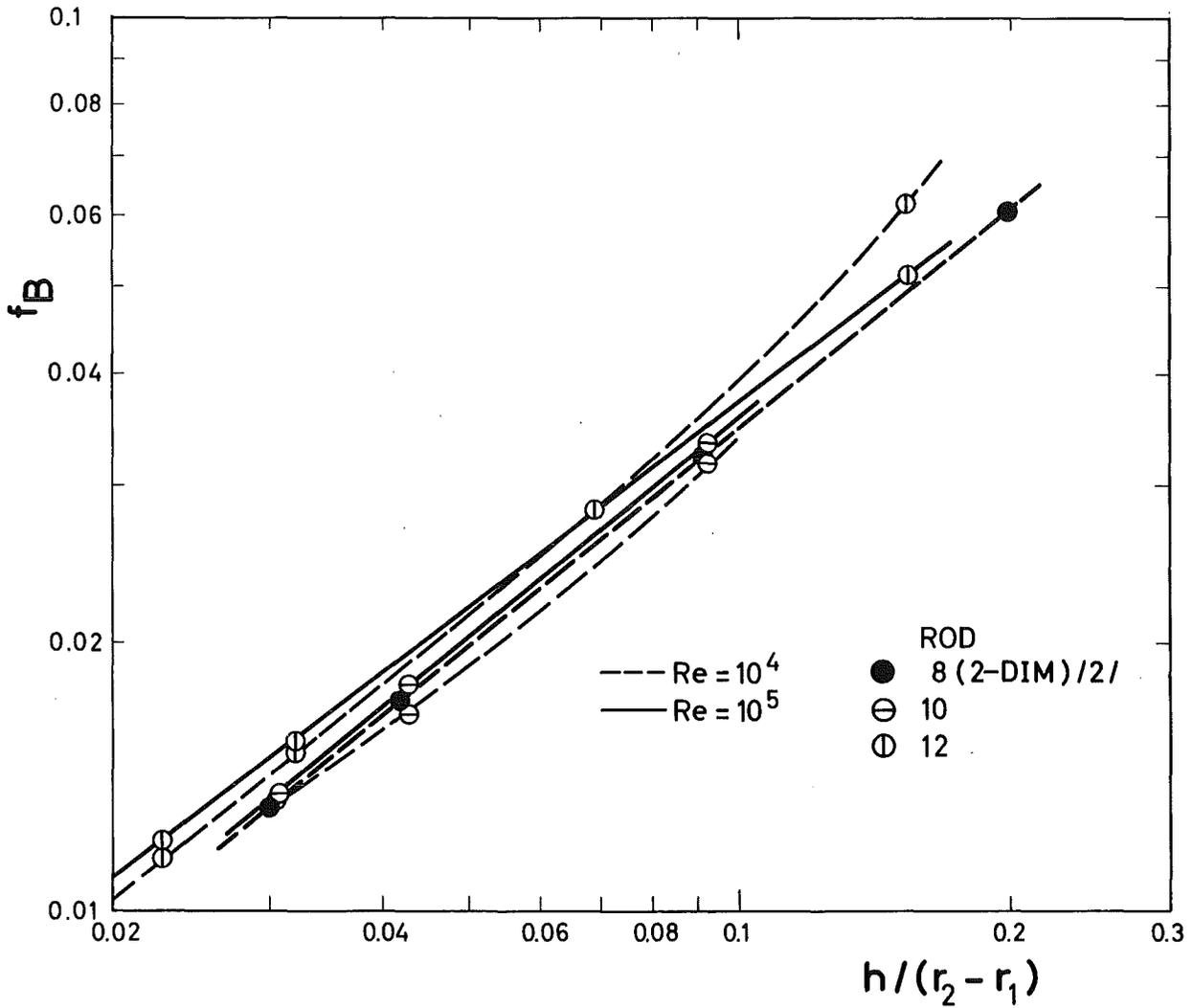


Fig.8: Friction factors versus relative roughness height of roughness type No.1

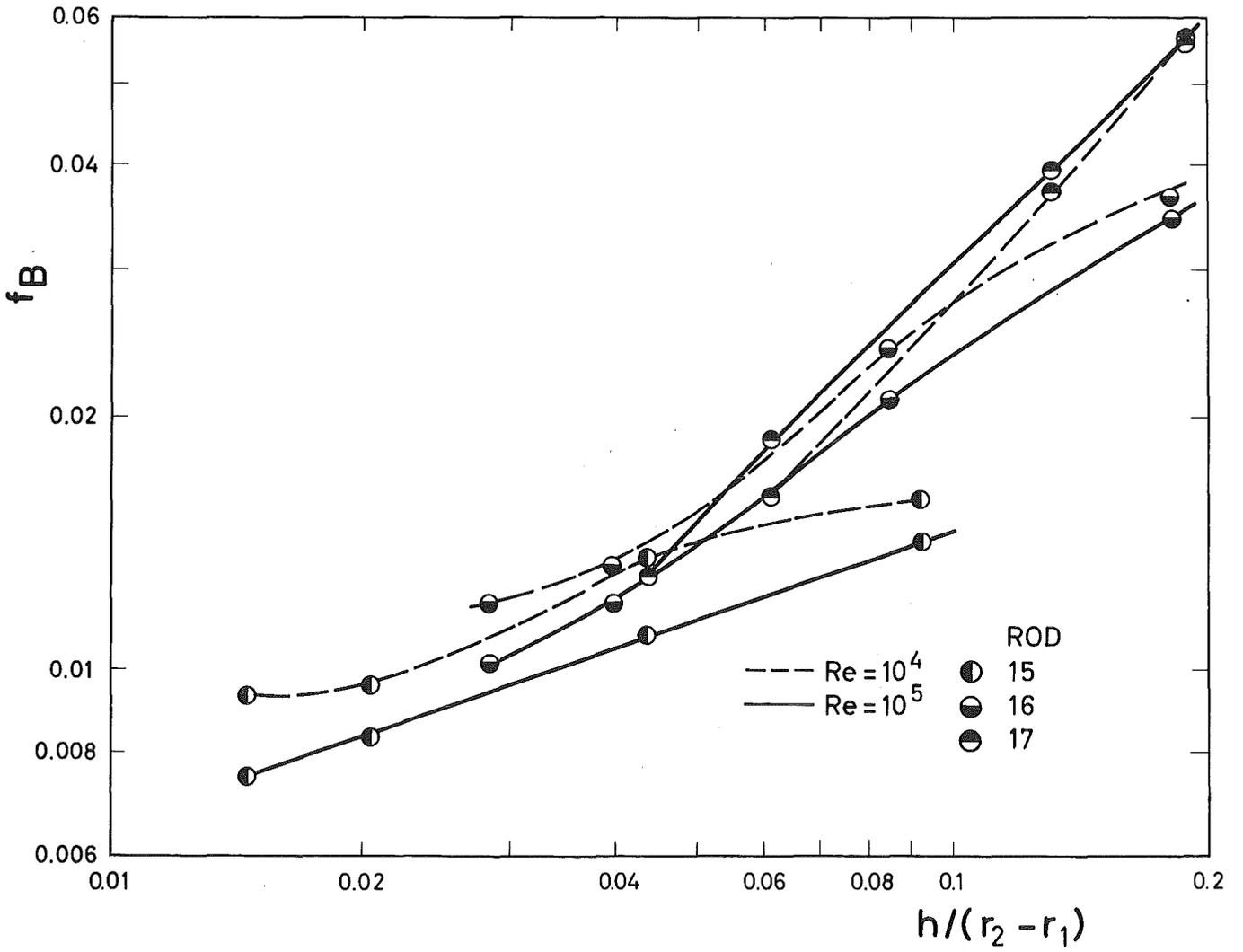


Fig.9: Friction factors versus relative roughness height of roughness type No.2

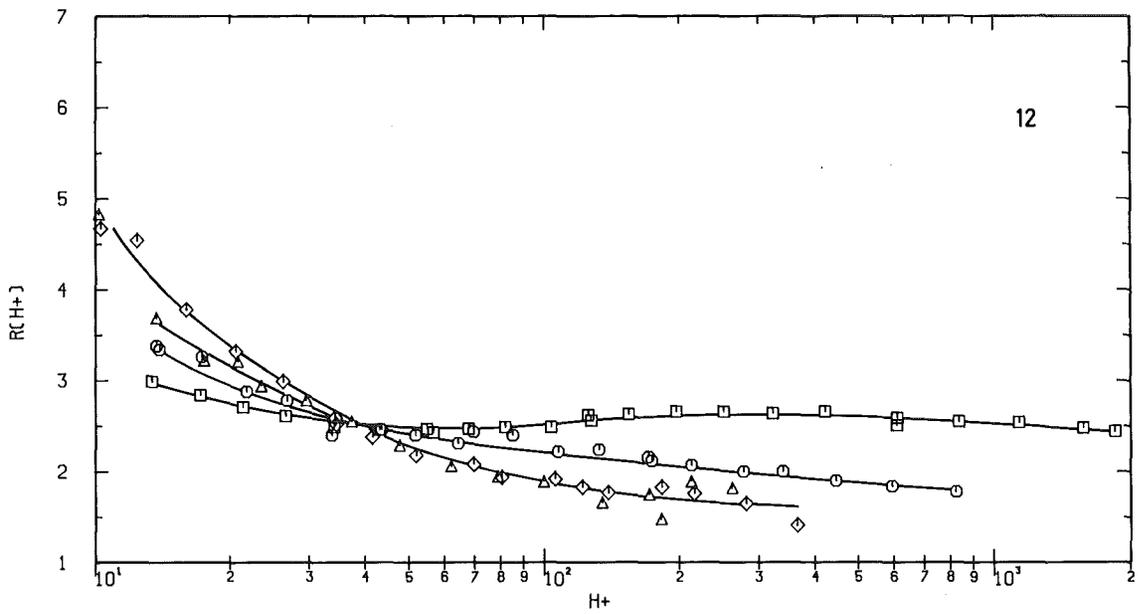
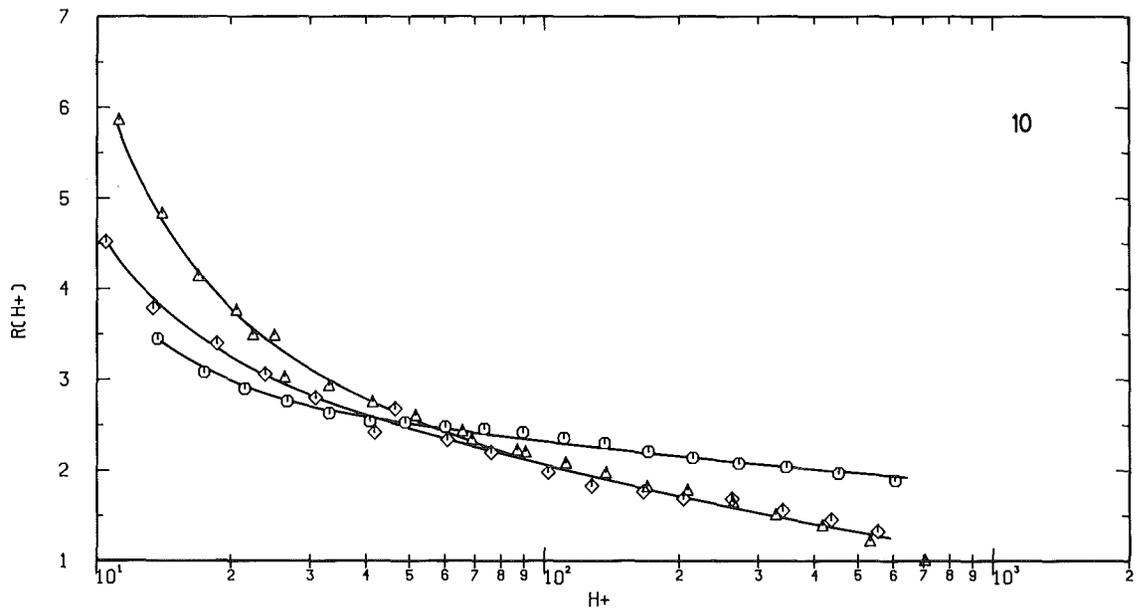


Fig.10: Roughness parameter  $R(h^+)$  of isothermal tests in different outer tubes, determined with  $A_r=2.5$

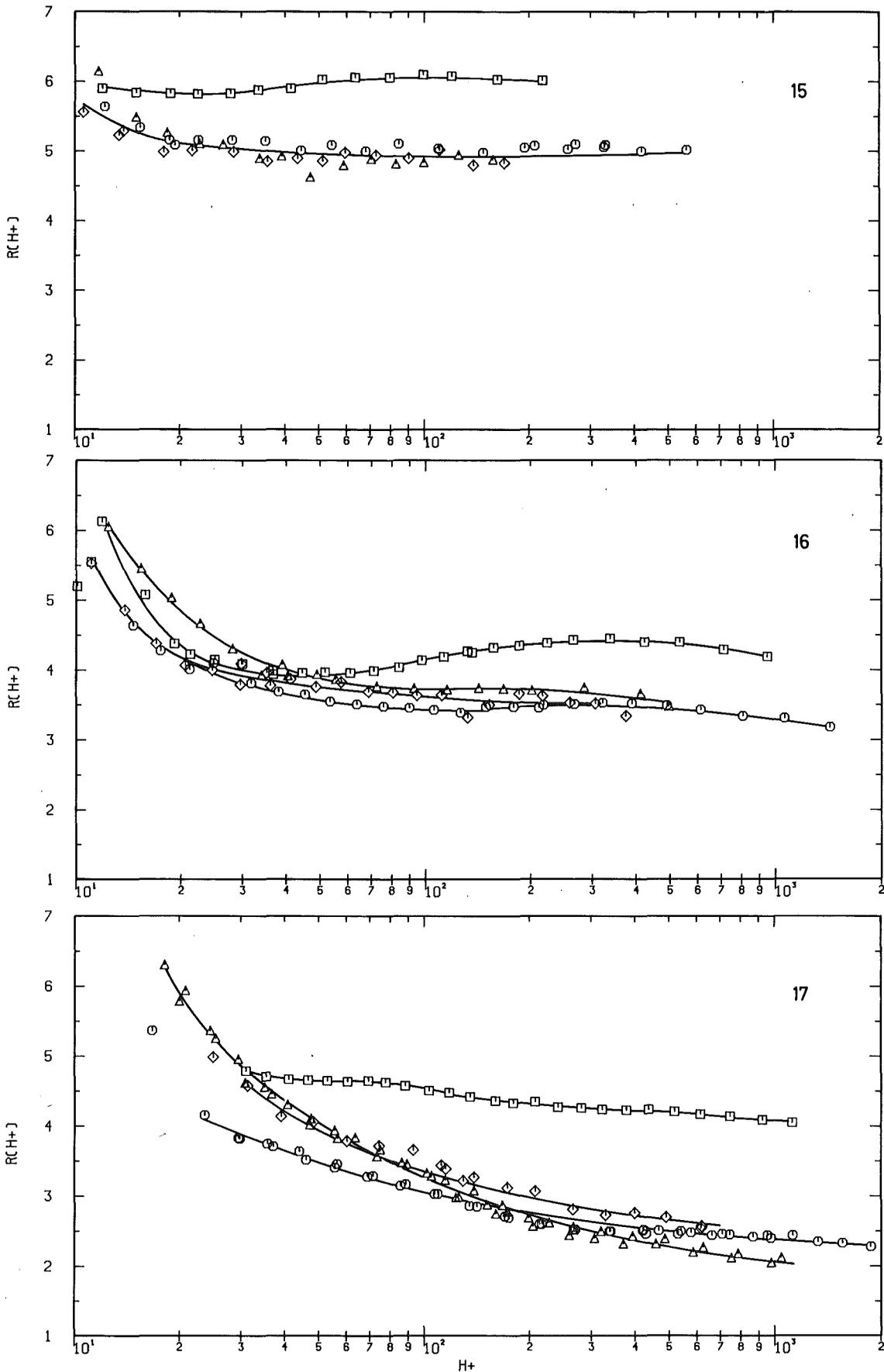


Fig.11: Roughness parameter  $R(h^+)$  of isothermal tests in different outer tubes, determined with  $A_r=2.5$

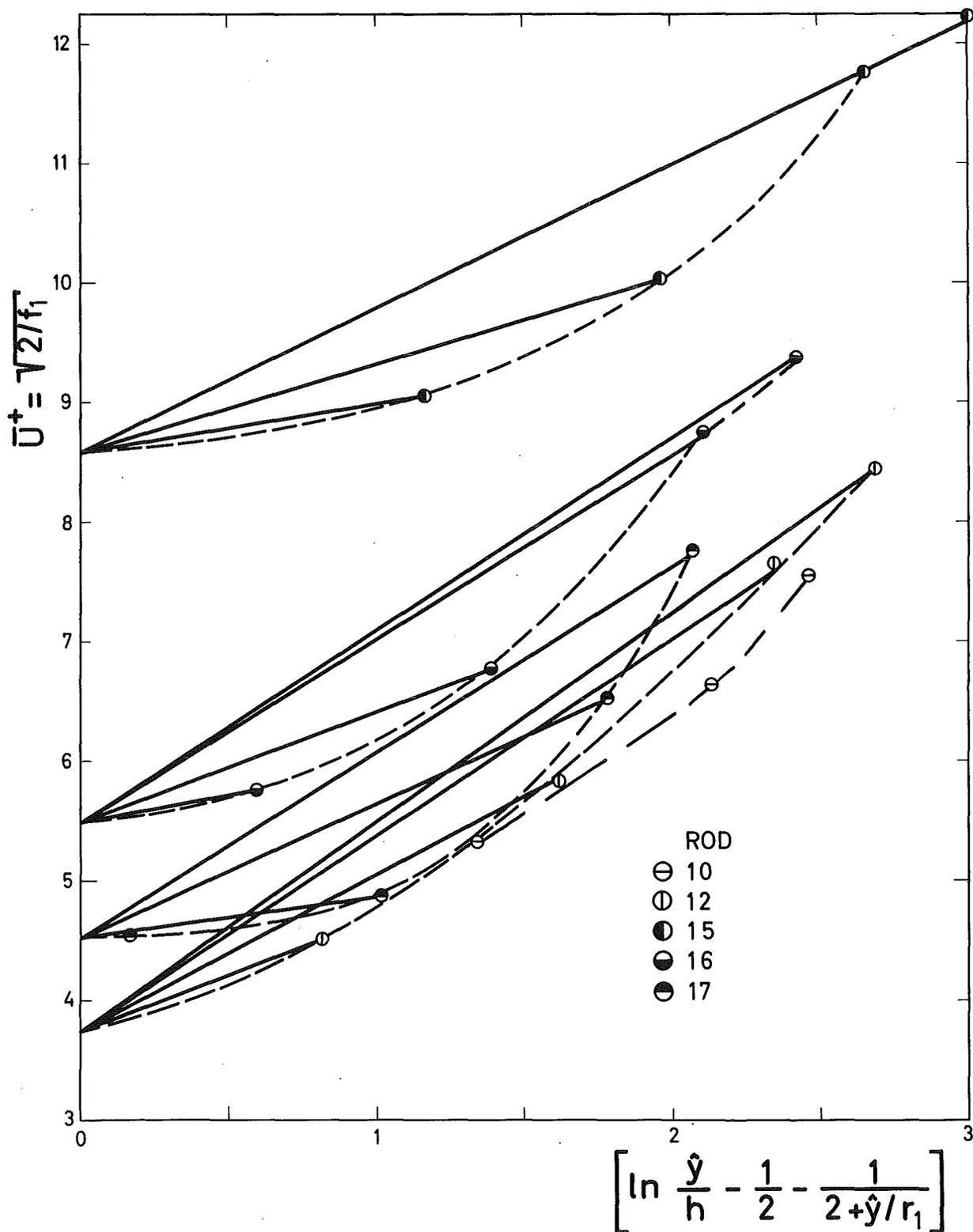


Fig.12: Determination of the slope  $A_r$  of the velocity profile by the method of Hodge et al. /22/

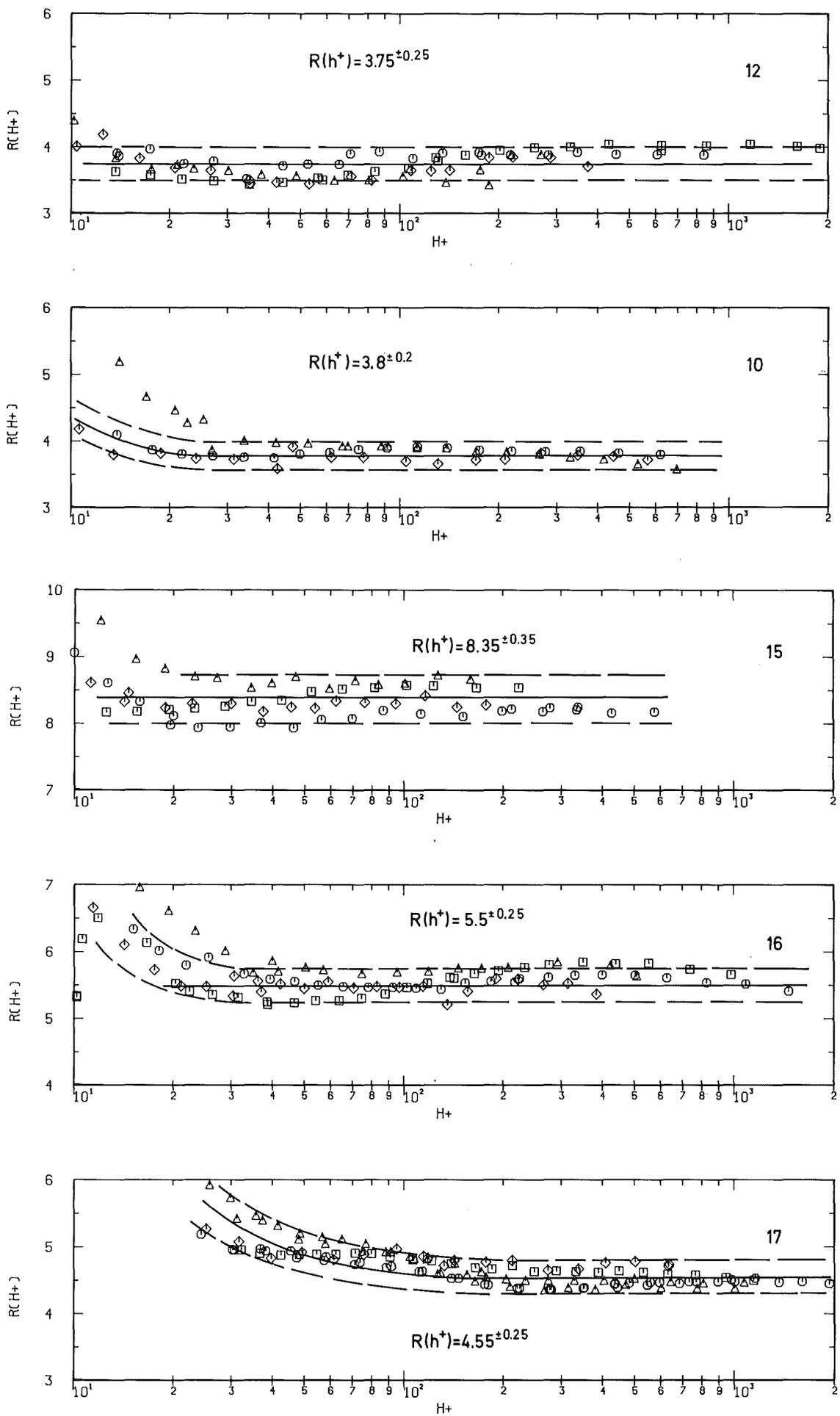


Fig.13: Roughness parameter  $R(h^+)$  of isothermal tests in different outer tubes, determined with variable  $A_r$  according to Eq.(15).

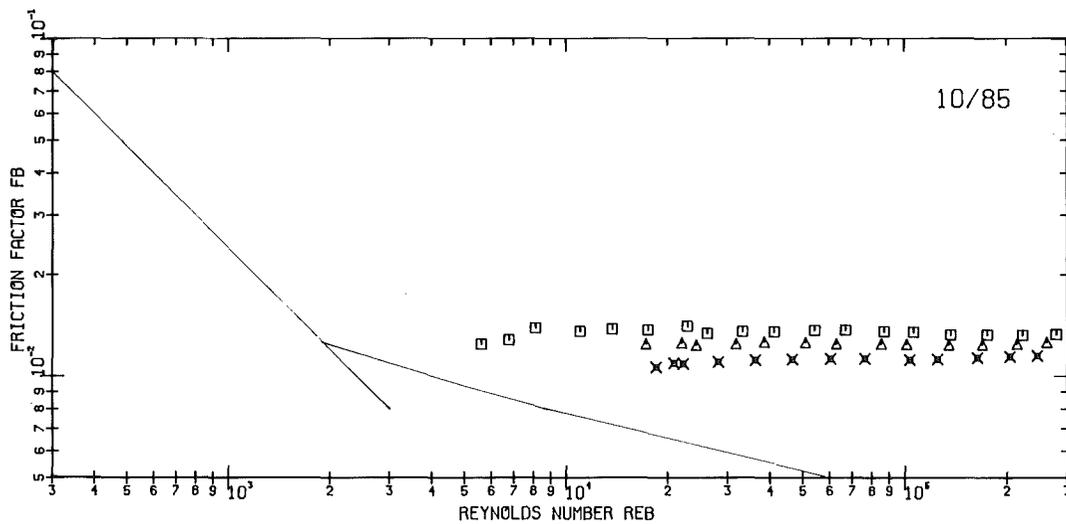
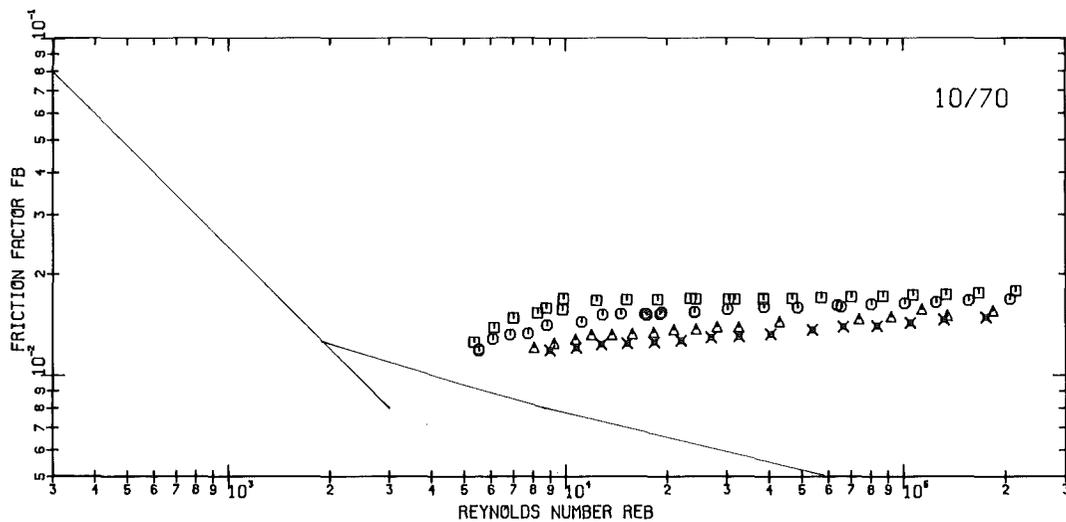


Fig.14: Friction factor  $f_B$  of heated tests

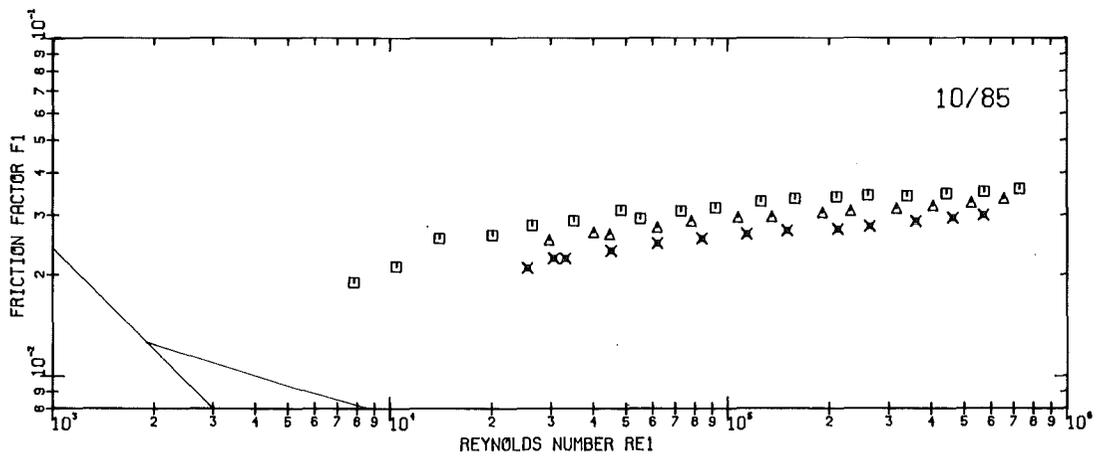
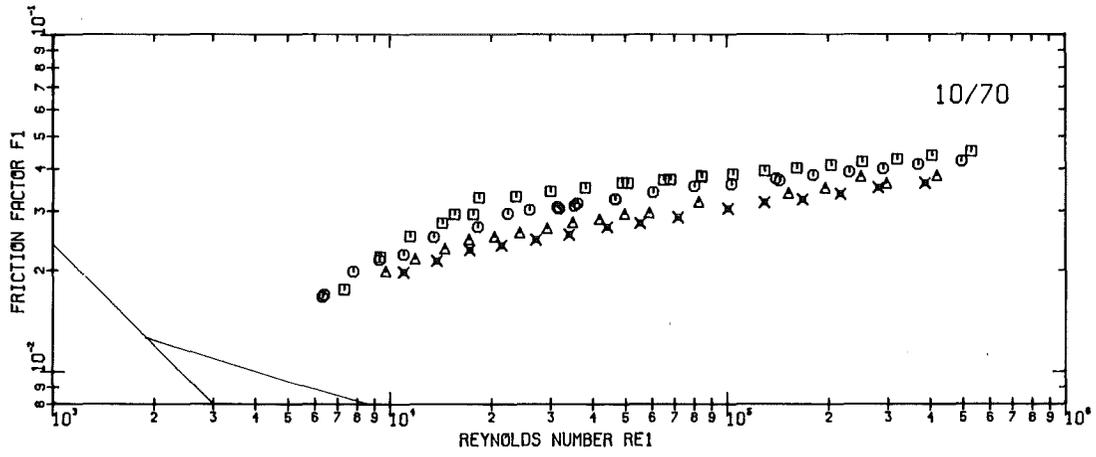


Fig.15: Transformed friction factor  $f_1$  of heated tests

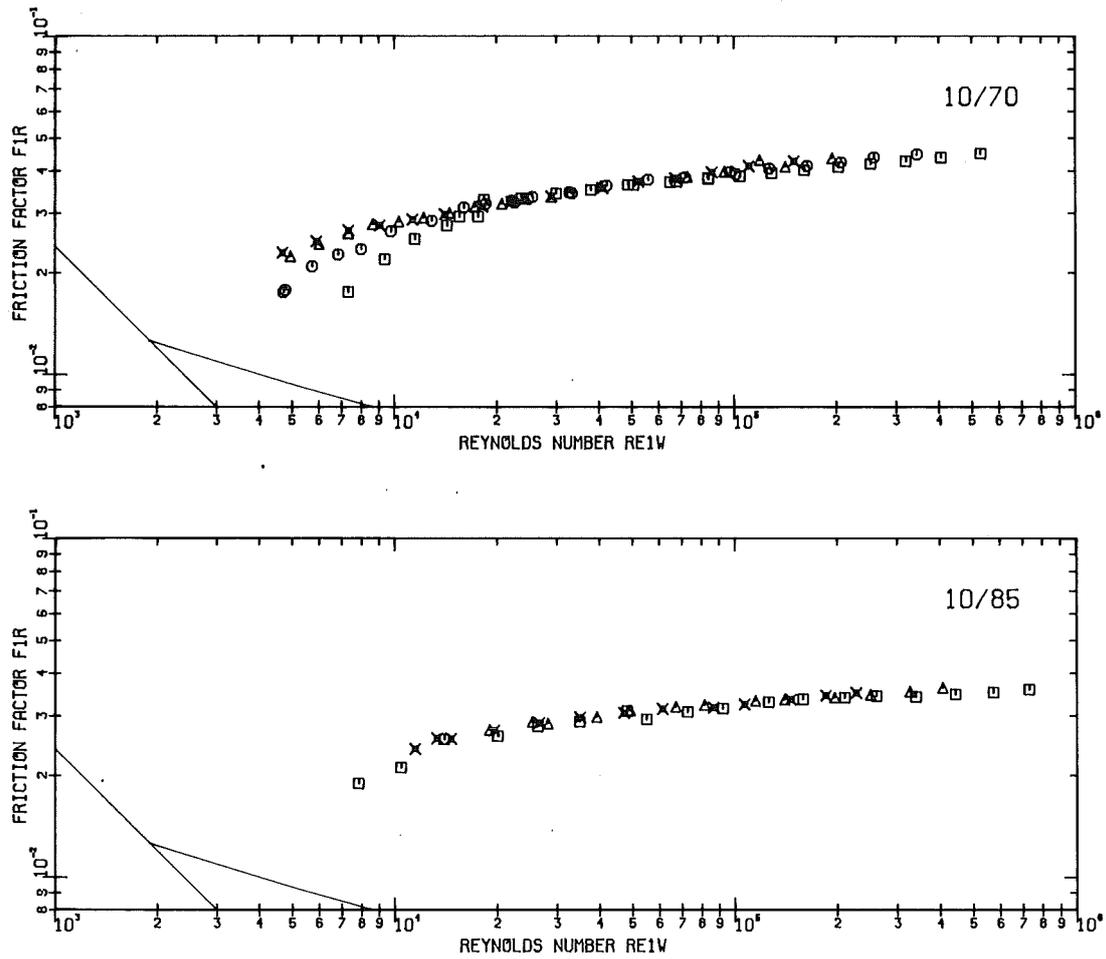


Fig.16: Transformed friction factor  $f_{1R}$  reduced for the temperature effect by Eq. (19)

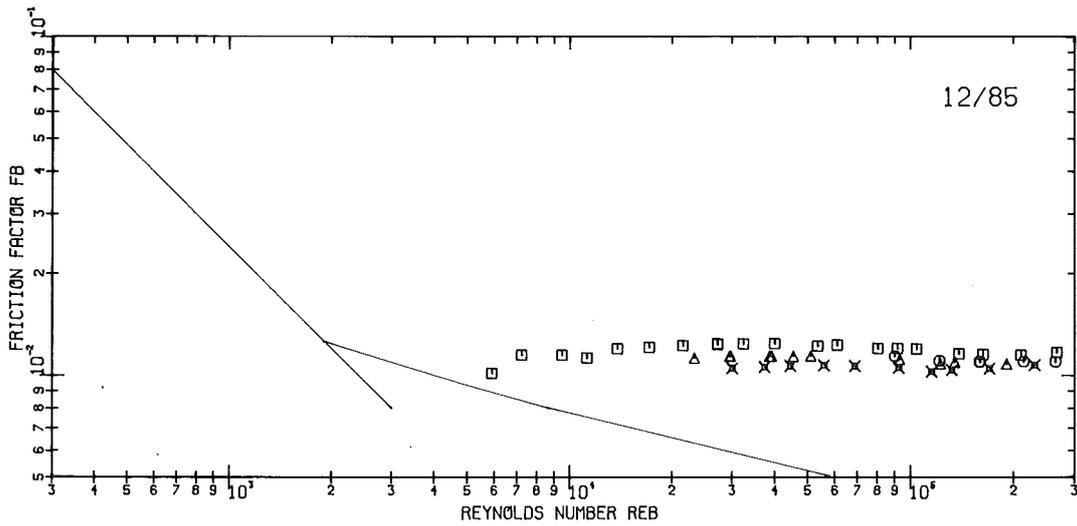
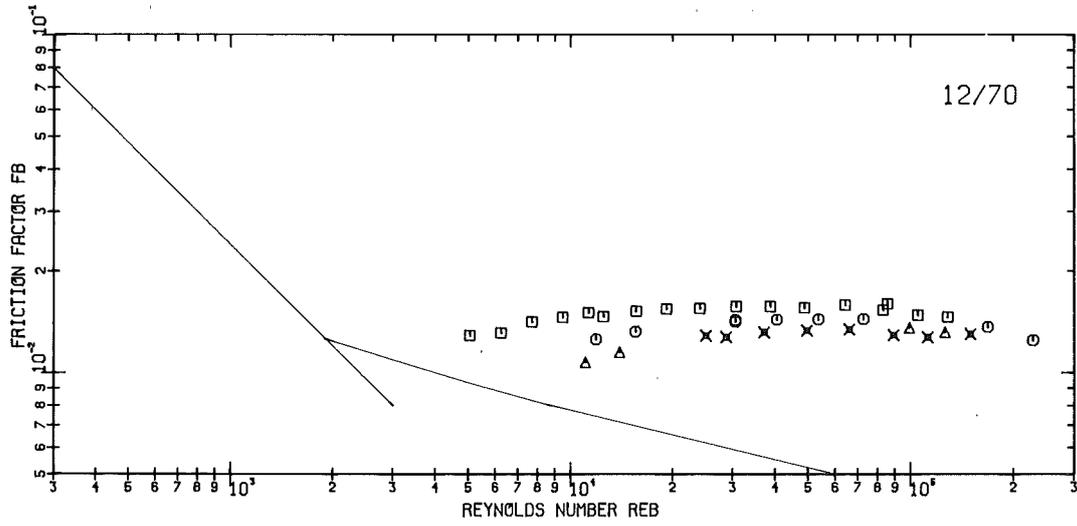


Fig.17: Friction factor  $f_B$  of heated tests

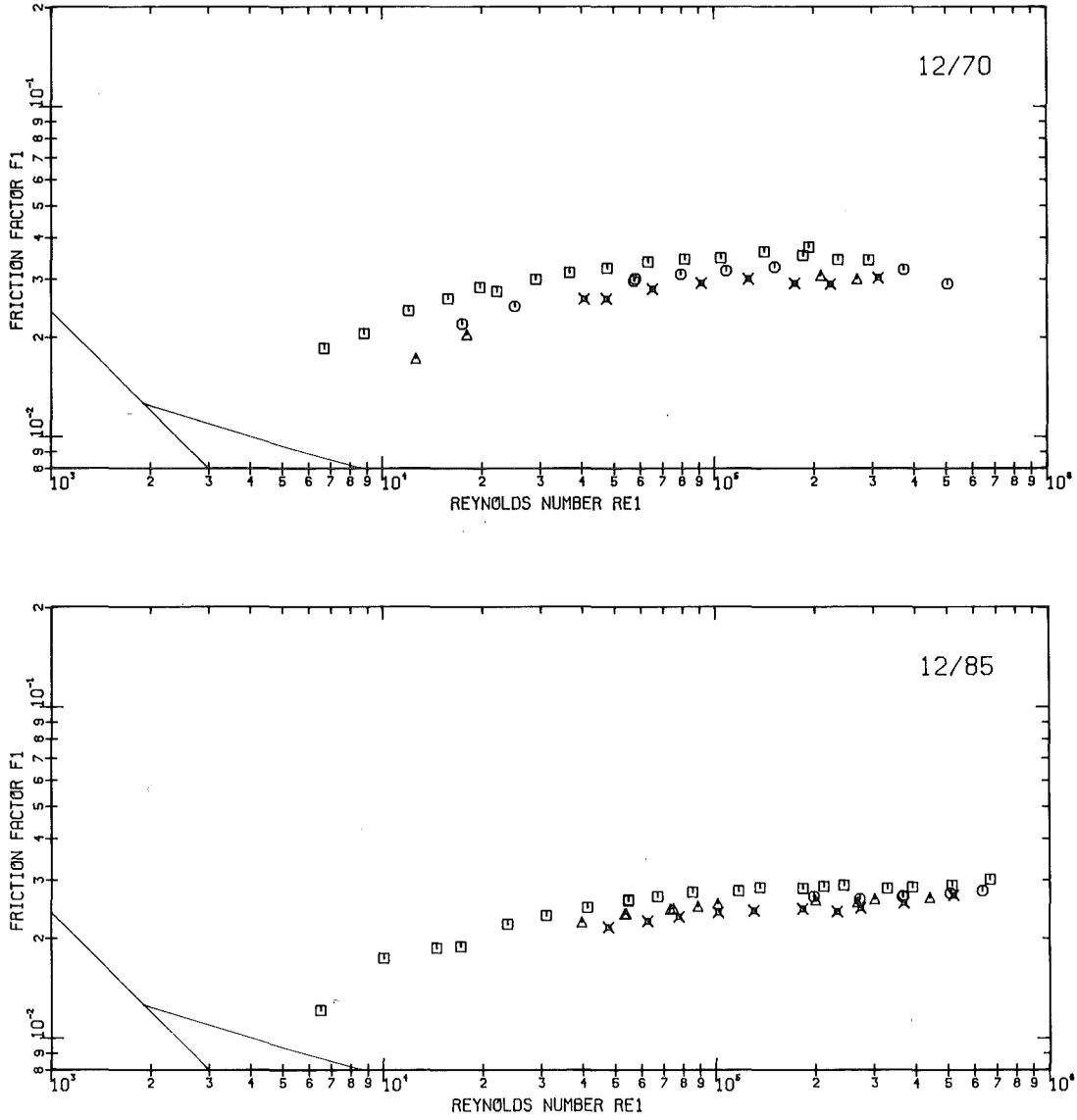


Fig.18: Transformed friction factor  $f_1$  of heated tests

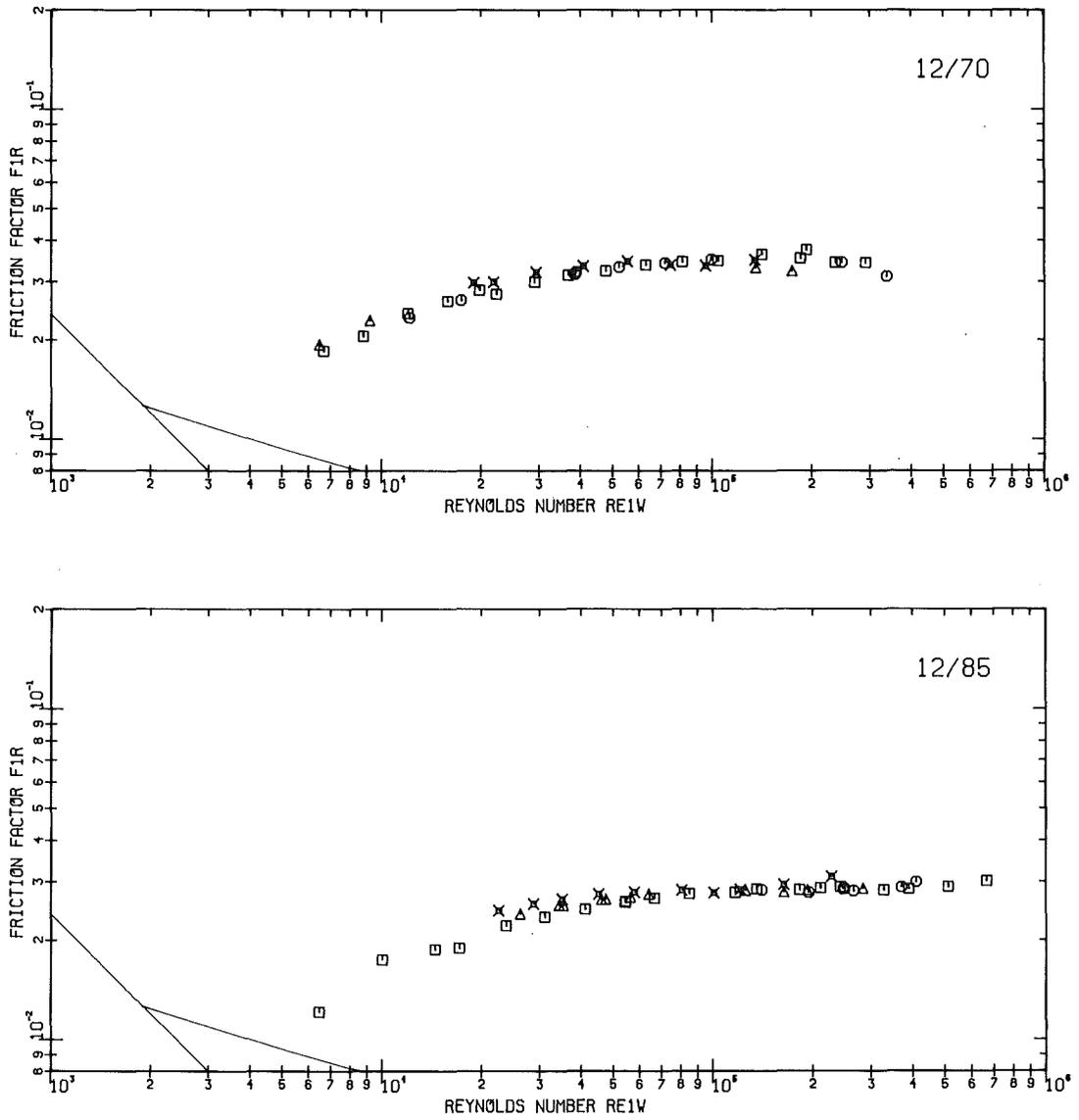


Fig.19: Transformed friction factor  $f_{1R}$  reduced for the temperature effect by Eq. (19)

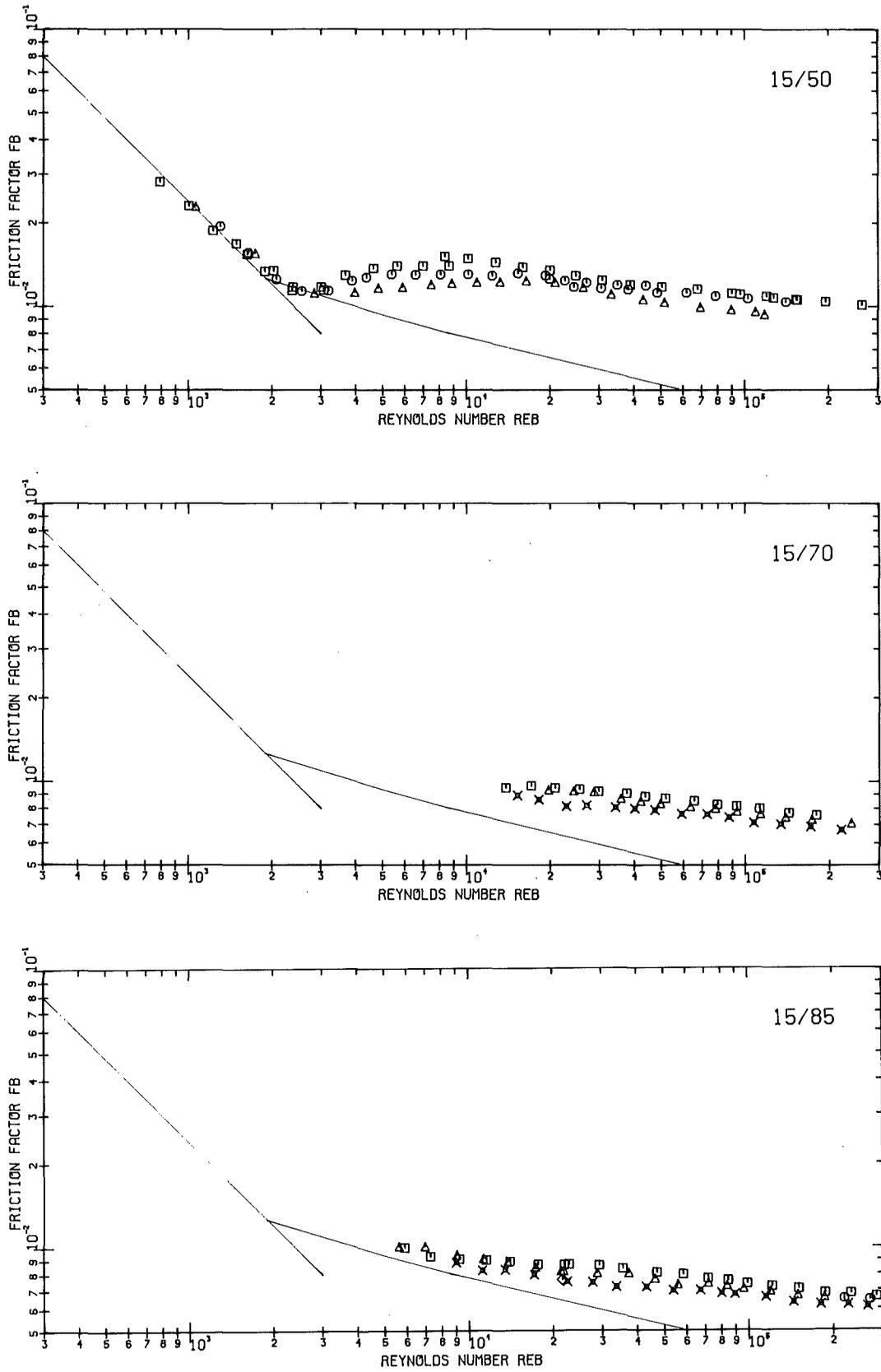


Fig.20: Friction factor  $f_B$  of heated tests

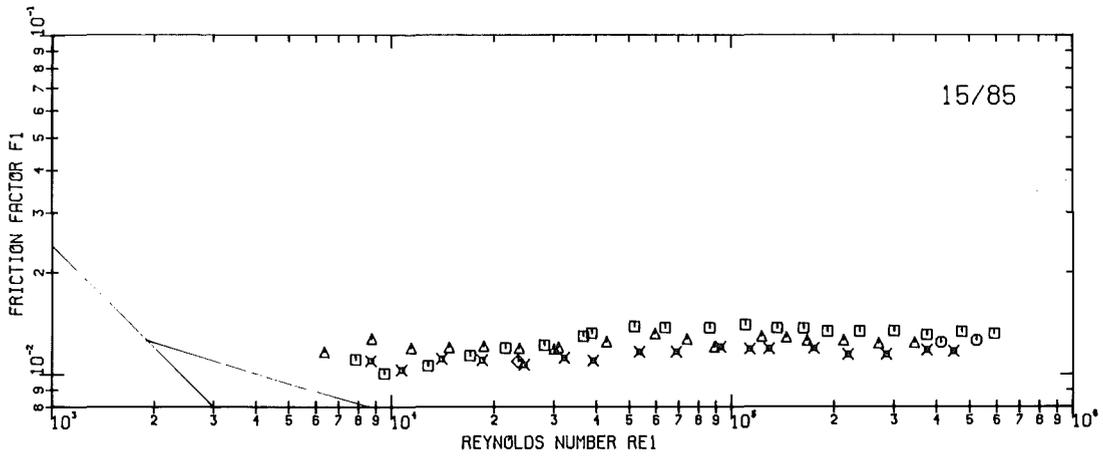
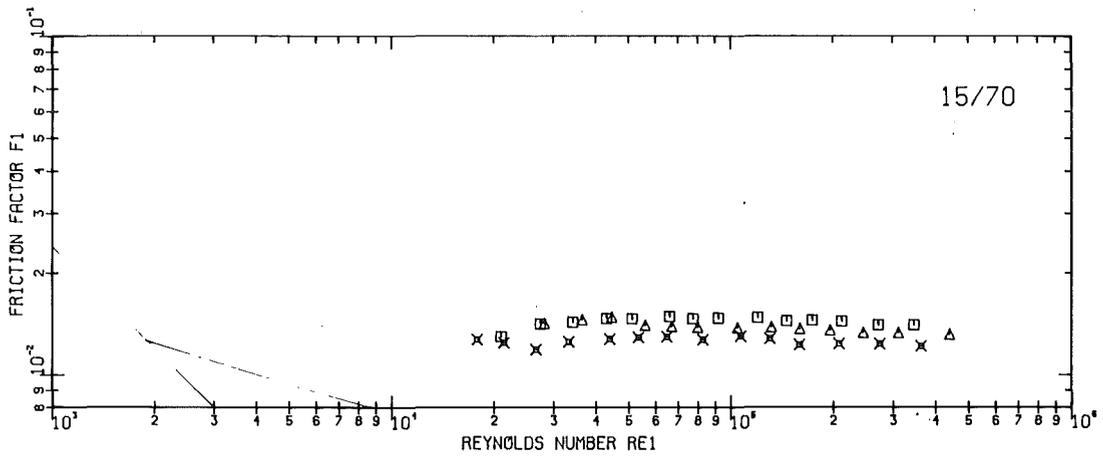
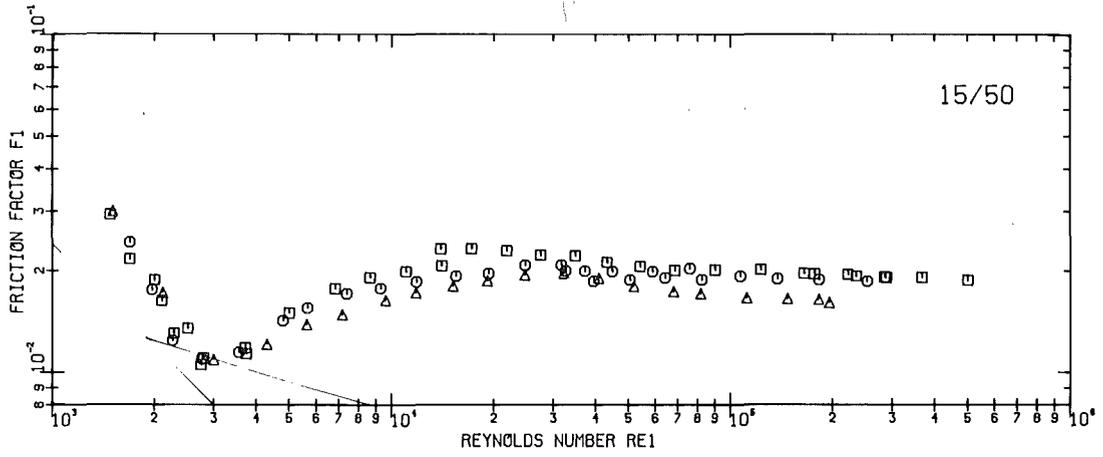


Fig.21: Transformed friction factor  $f_1$  of heated tests

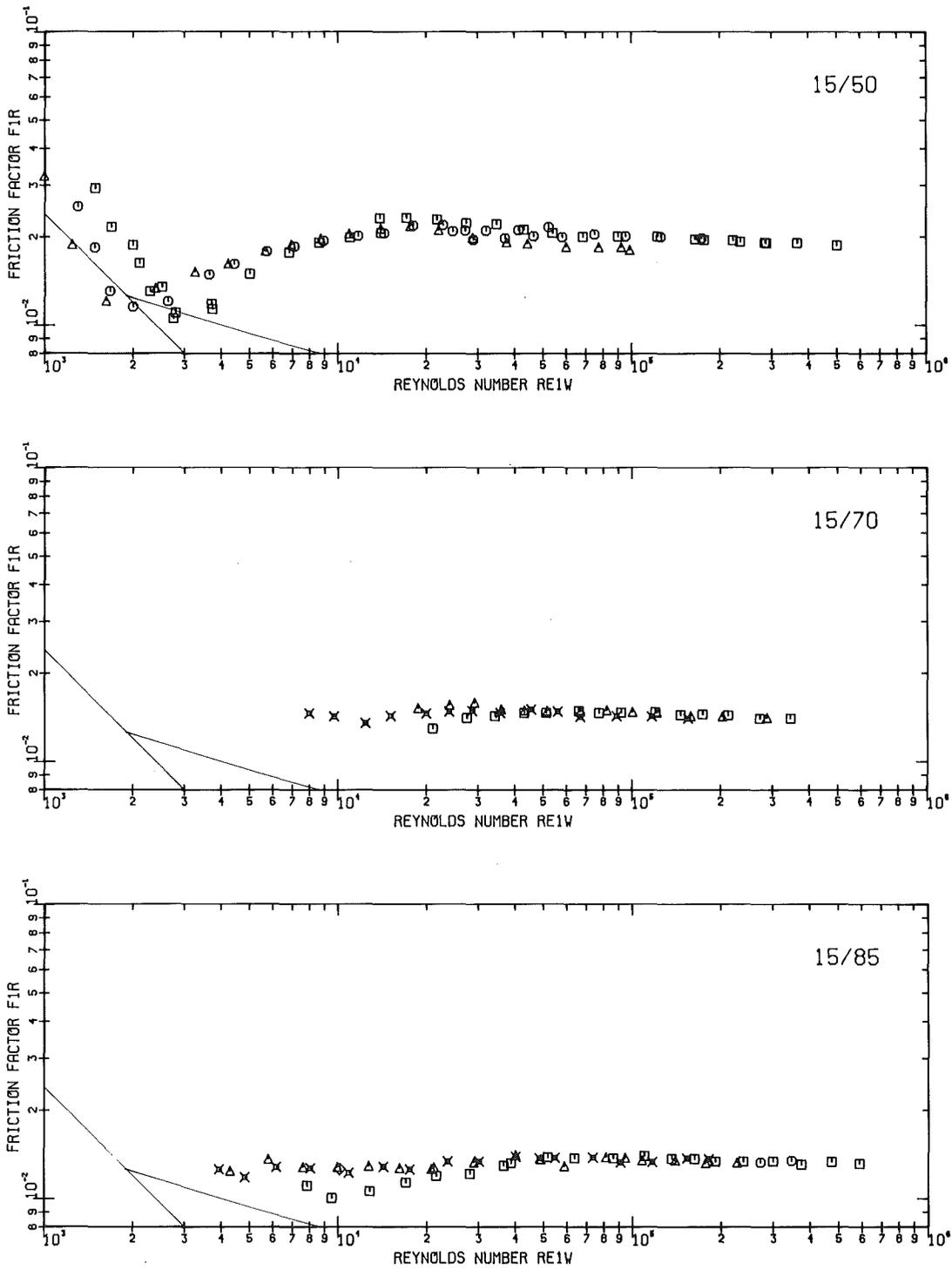


Fig.22: Transformed friction factor  $f_{1R}$  reduced for the temperature effect by Eq. (19)

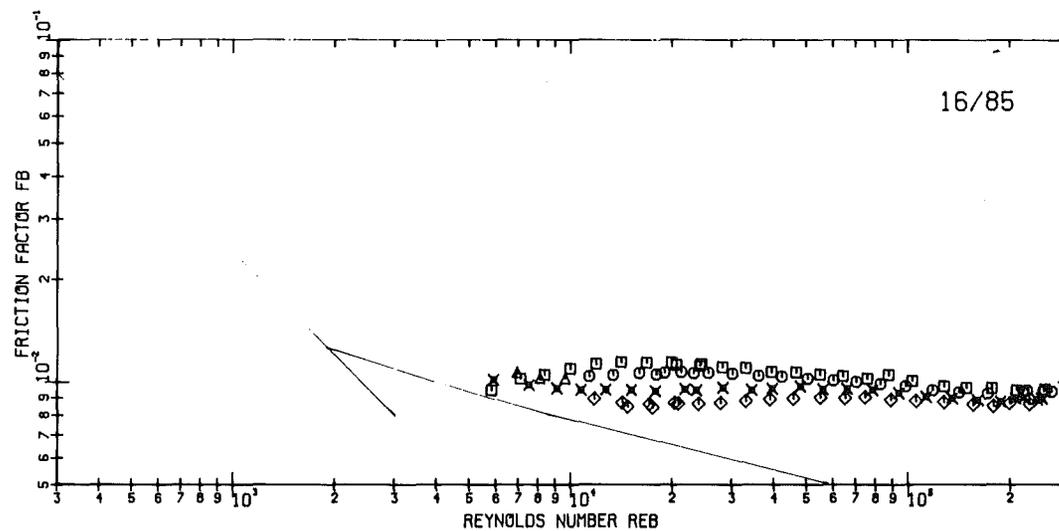
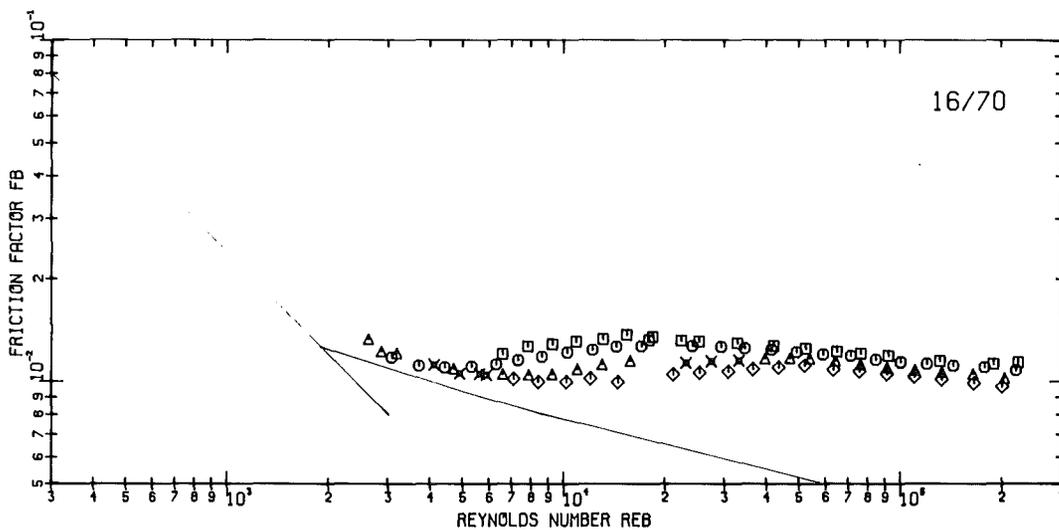
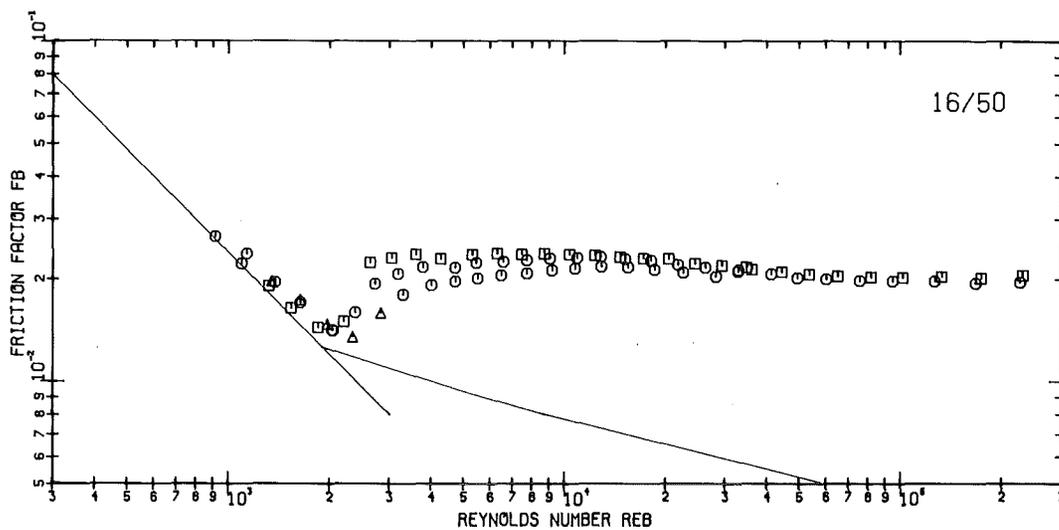


Fig.23: Friction factor  $f_B$  of heated tests

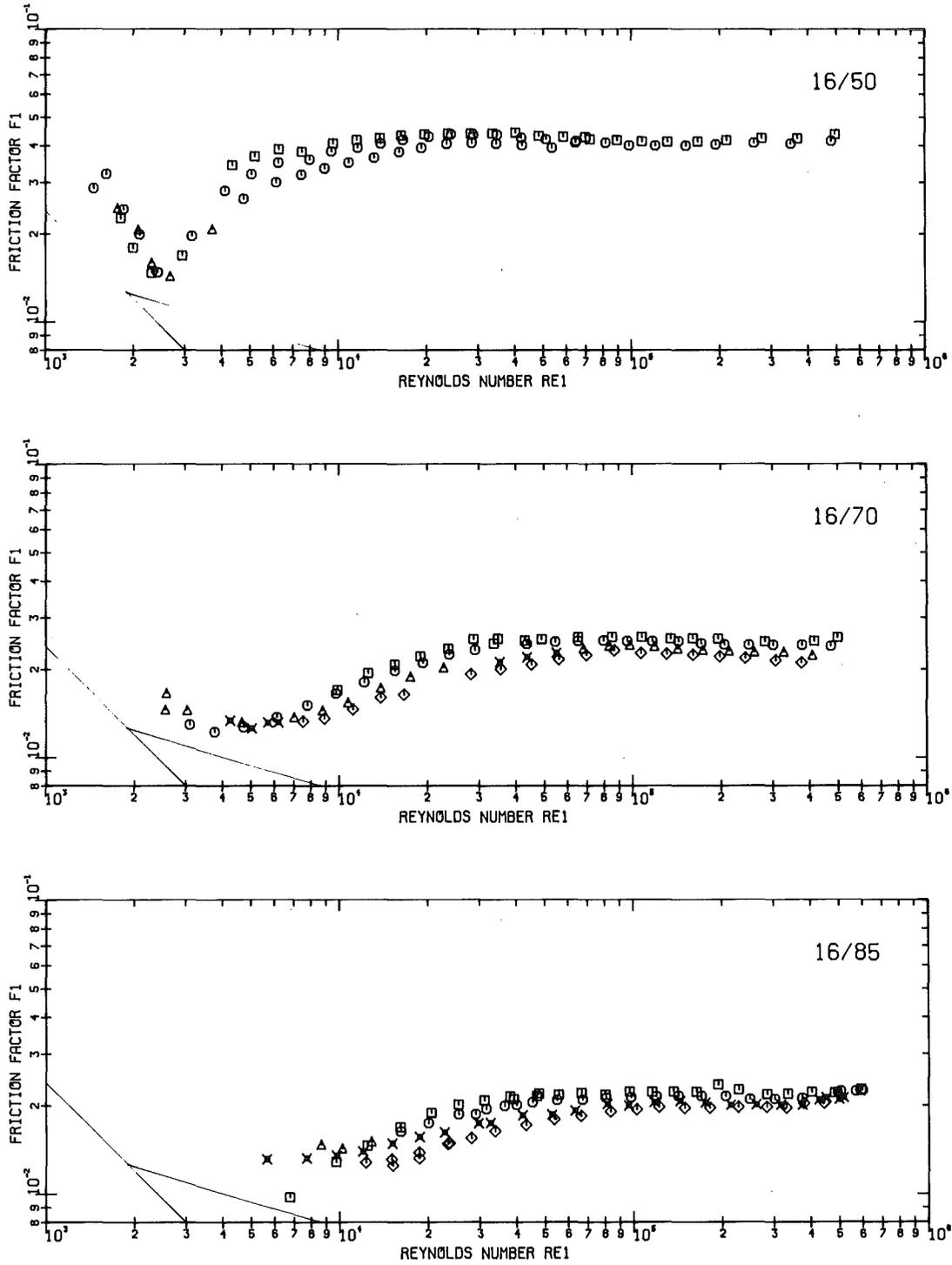


Fig.24: Transformed friction factor  $f_1$  of heated tests

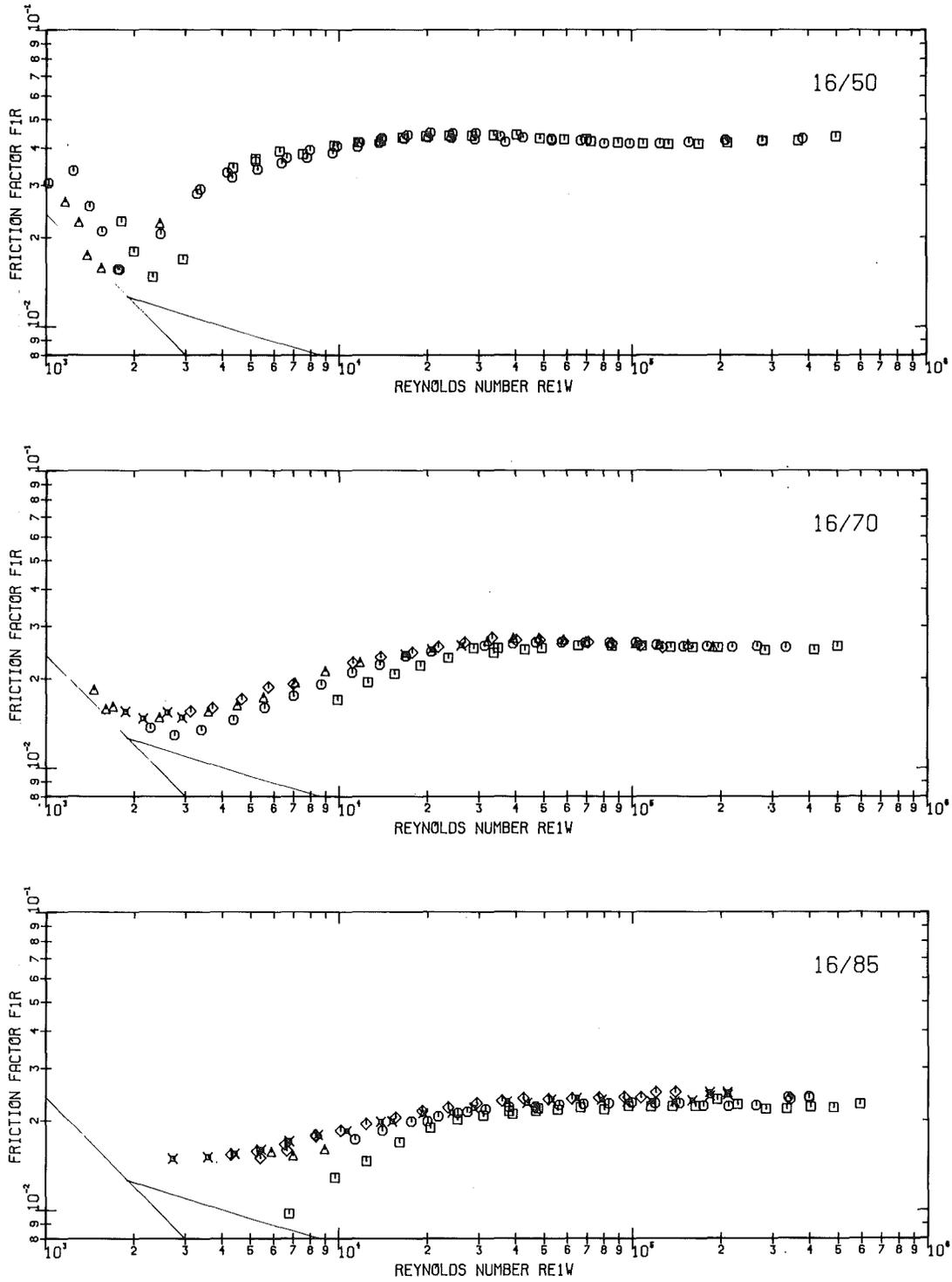


Fig.25: Transformed friction factor  $f_{1R}$  reduced for the temperature effect by Eq. (19)

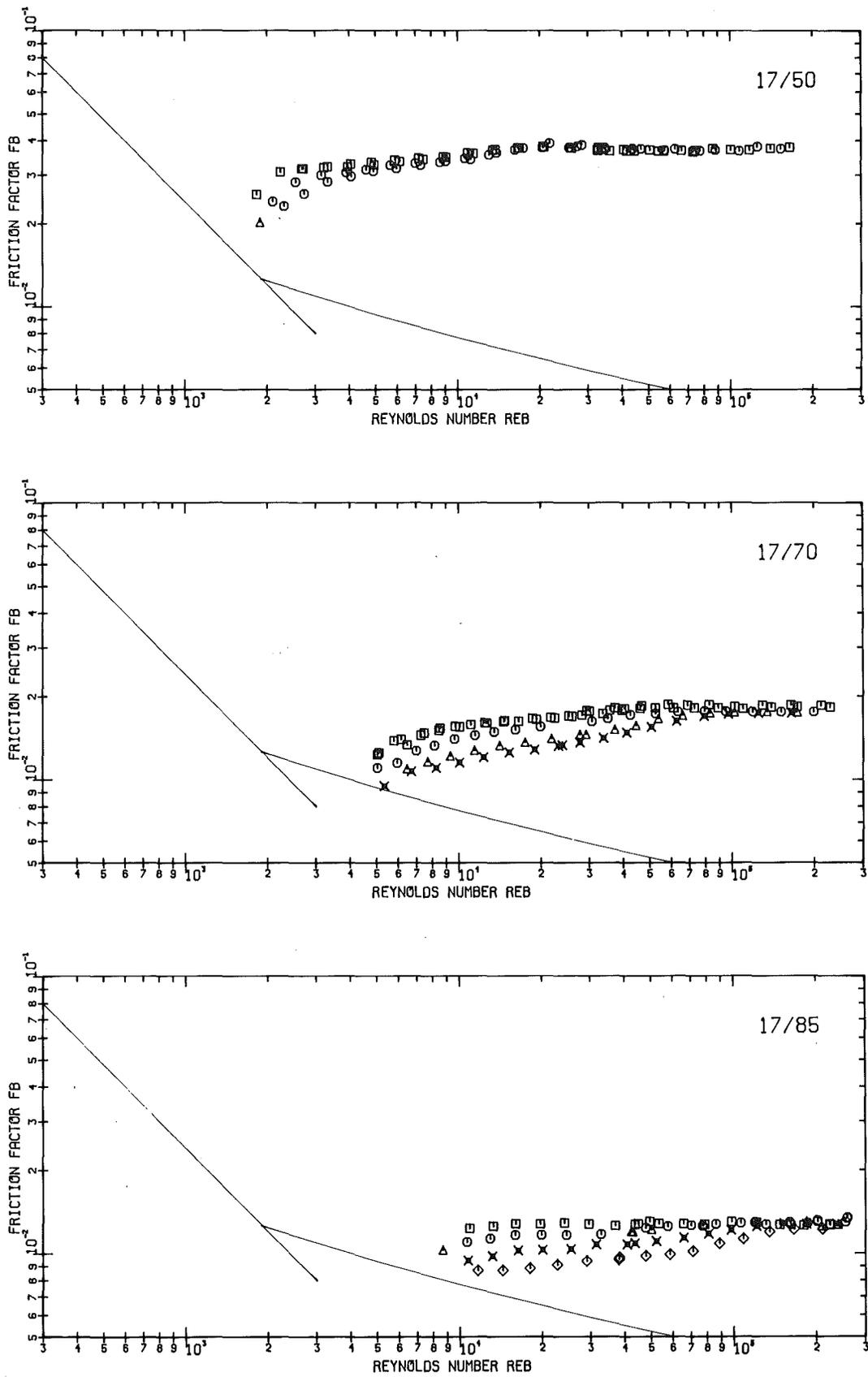


Fig.26: Friction factor  $f_B$  of heated tests

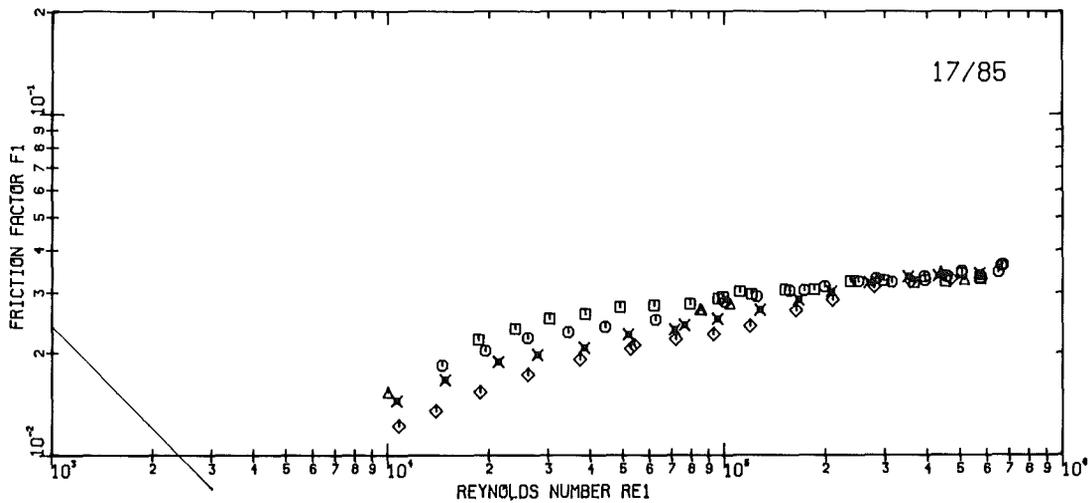
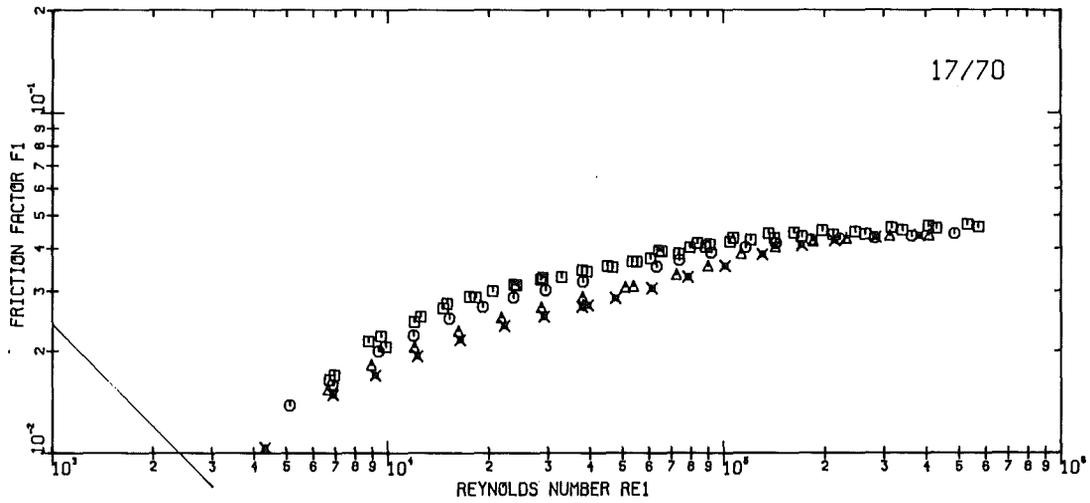
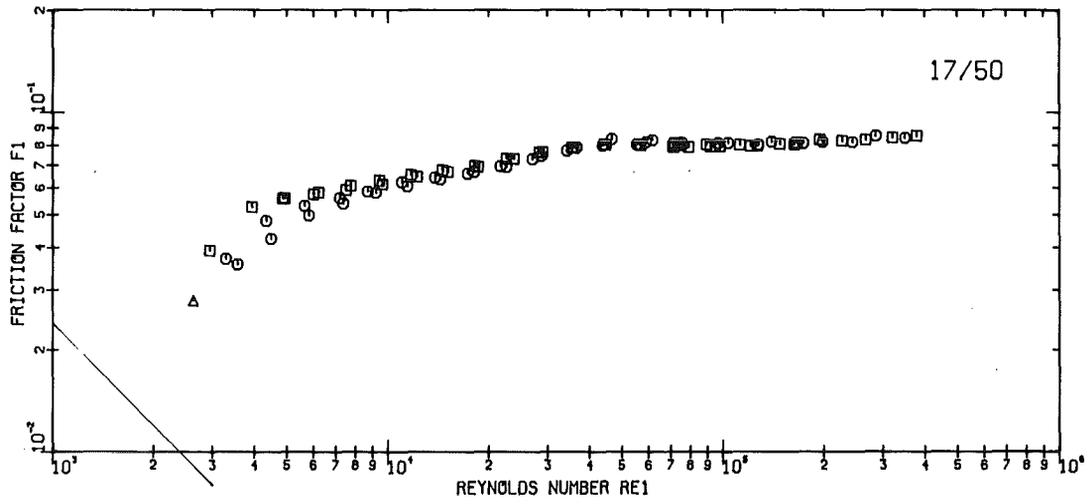


Fig.27: Transformed friction factor  $f_1$  of heated tests

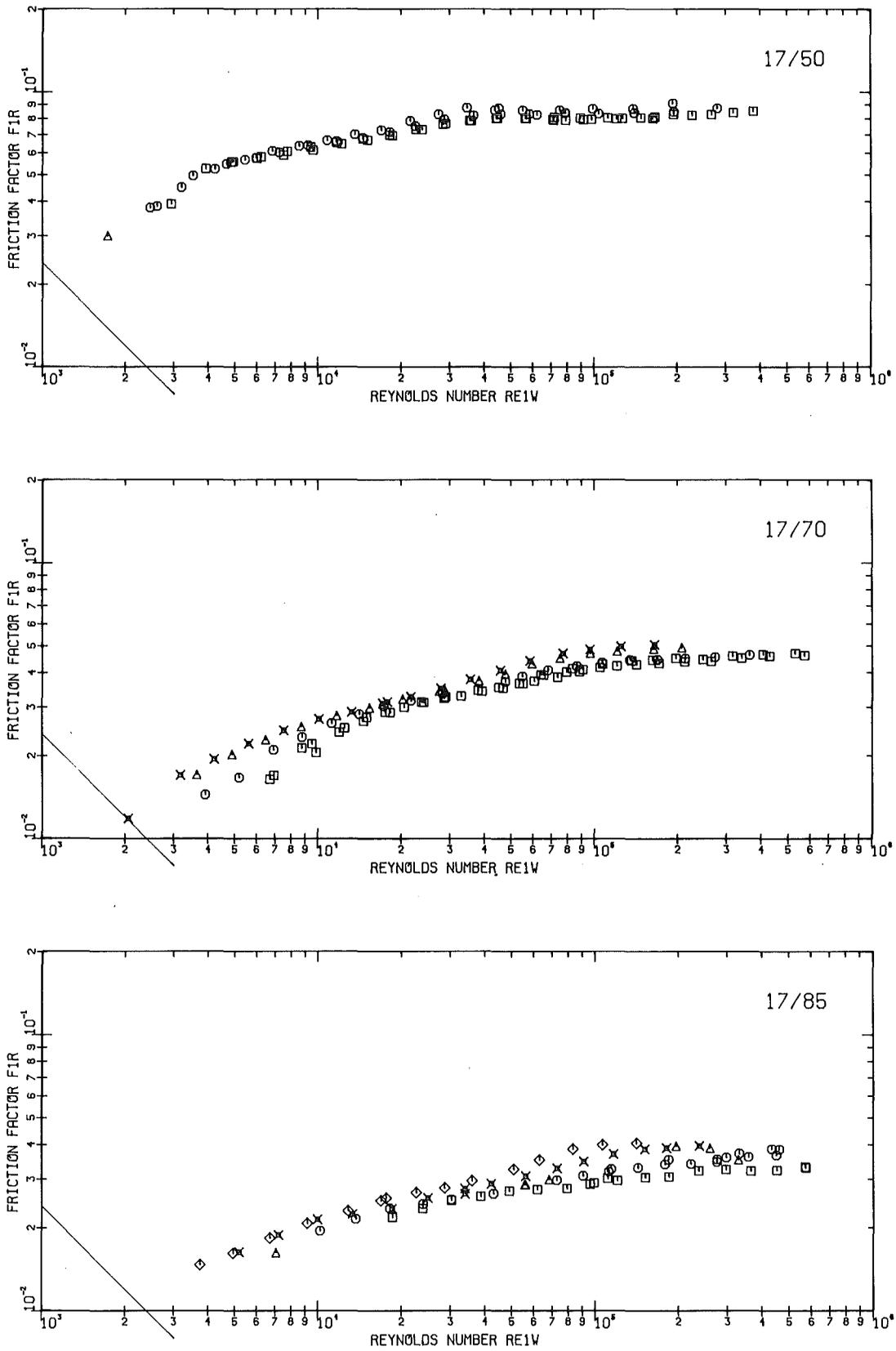


Fig.28: Transformed friction factor  $f_{1R}$  reduced for the temperature effect by Eq. (19)

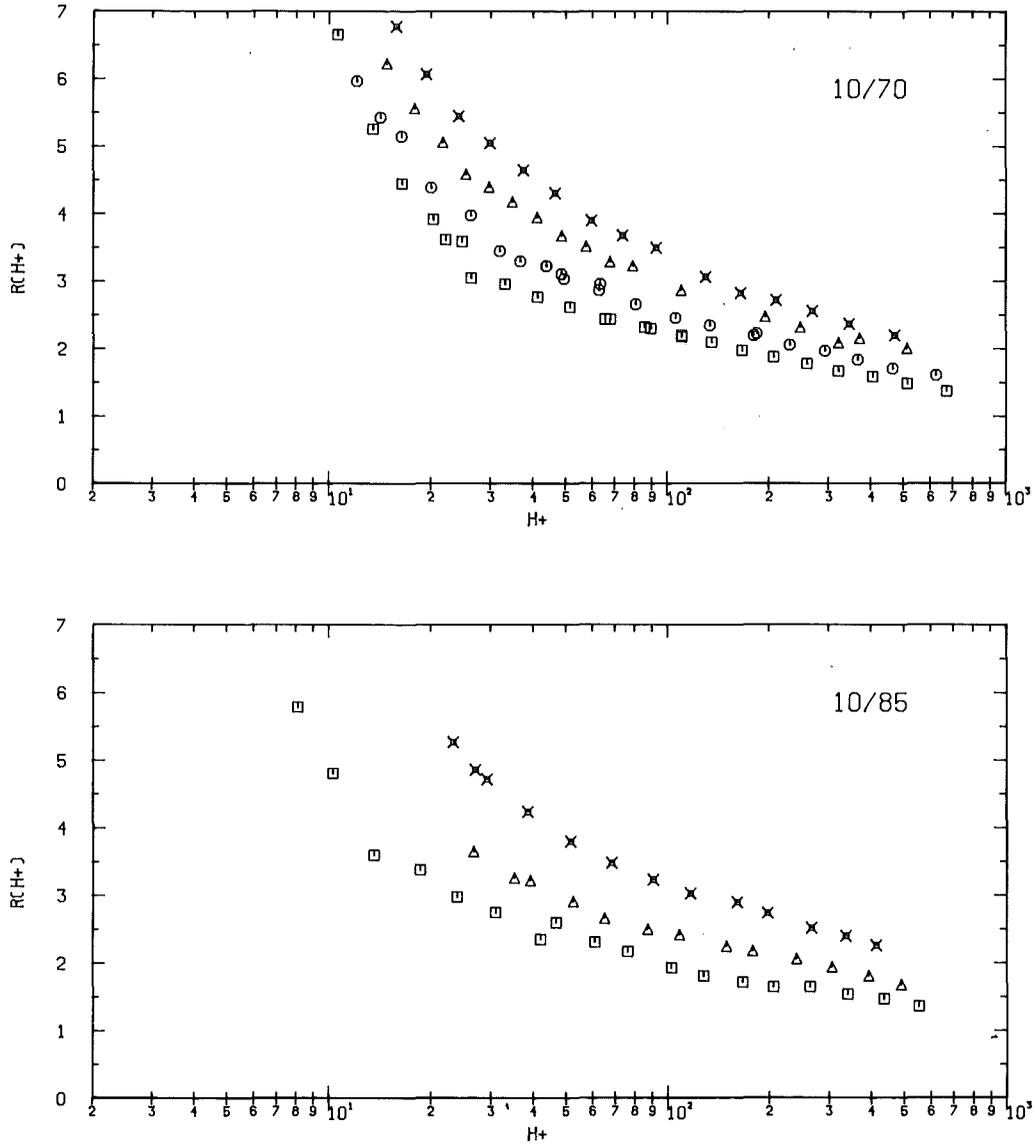


Fig.29: Roughness parameter  $R(h^+)$  of heated tests evaluated with  $A_r=2.5$

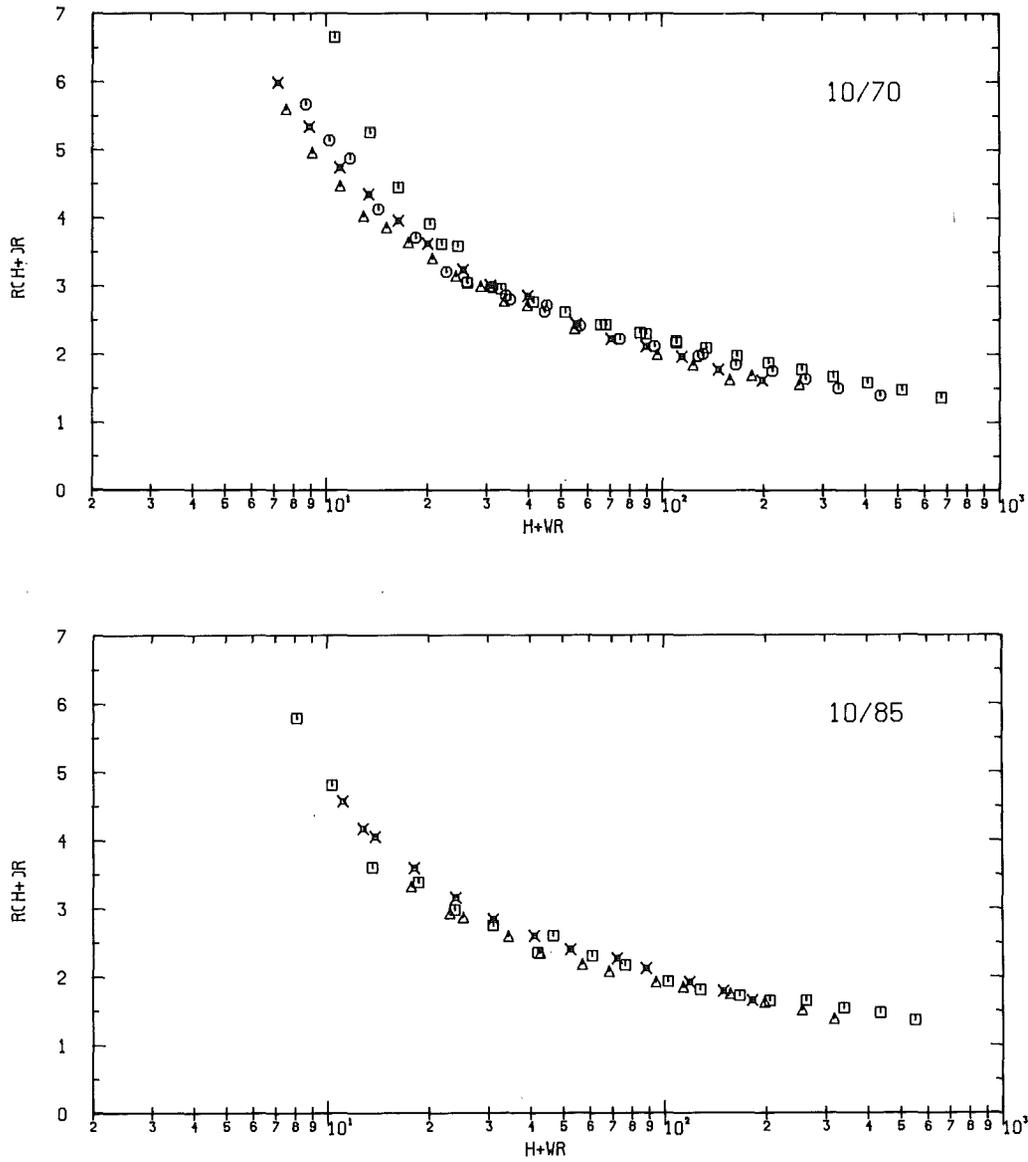


Fig.30: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (21)

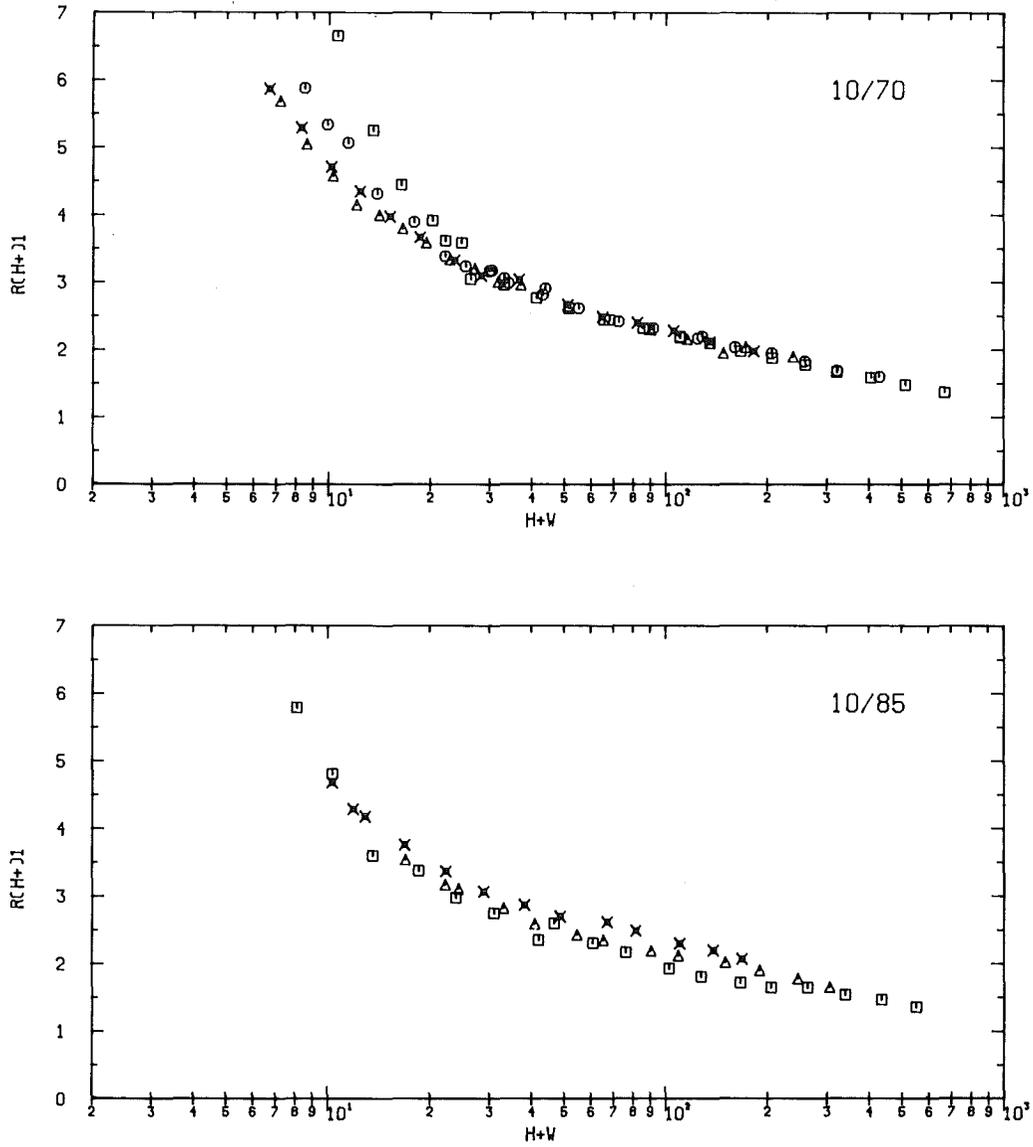


Fig.31: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (20)

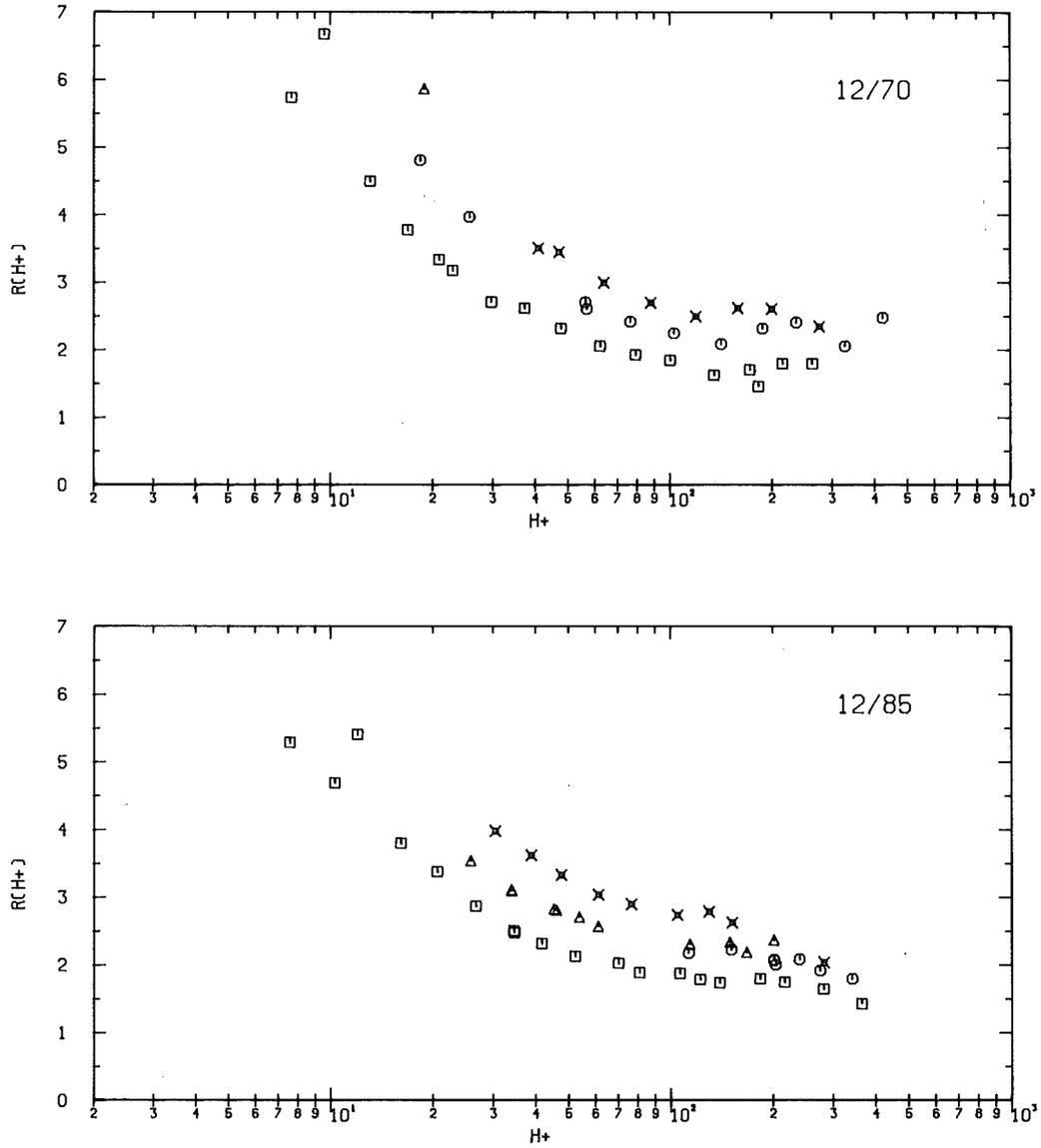


Fig.32: Roughness parameter  $R(h^+)$  of heated tests evaluated with  $A_r=2.5$



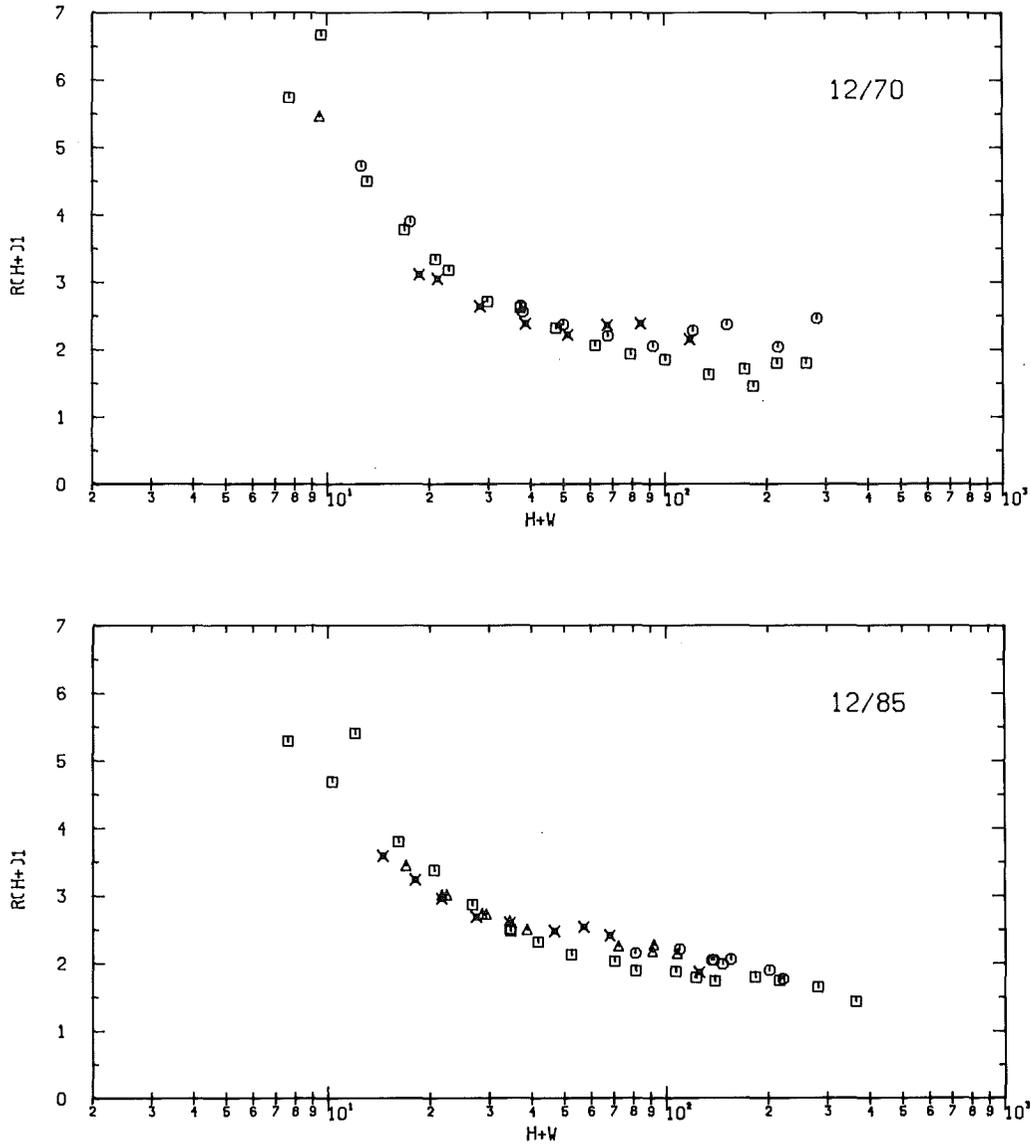


Fig.34: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (20)

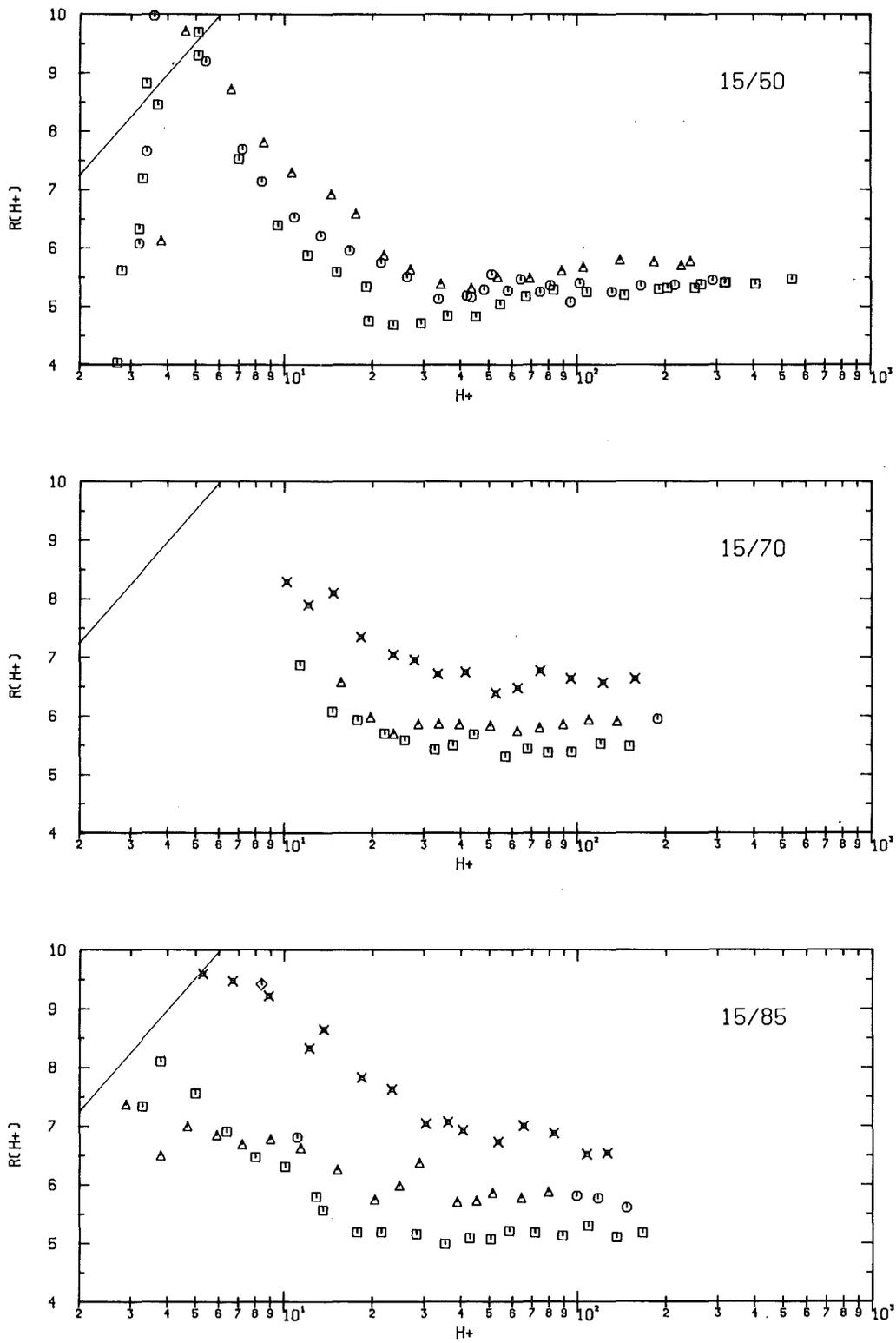


Fig.35: Roughness parameter  $R(h^+)$  of heated tests evaluated with  $A_r=2.5$

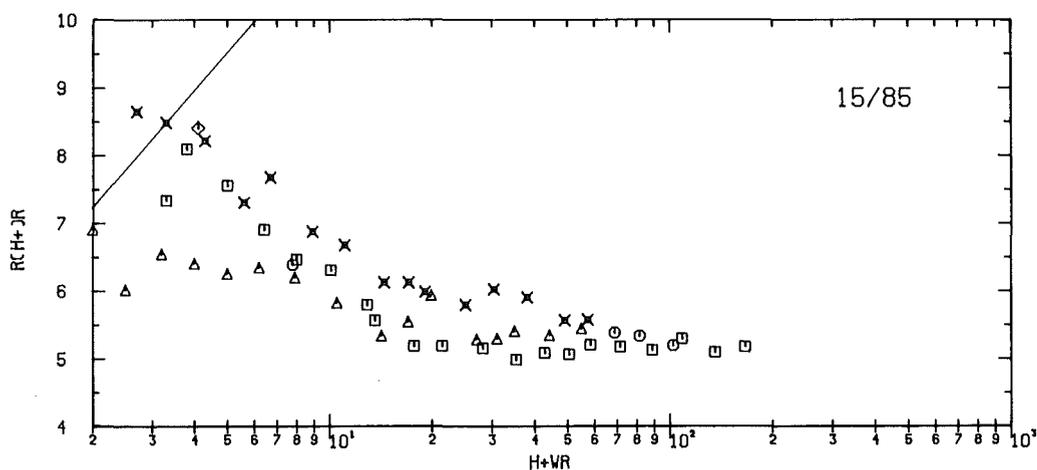
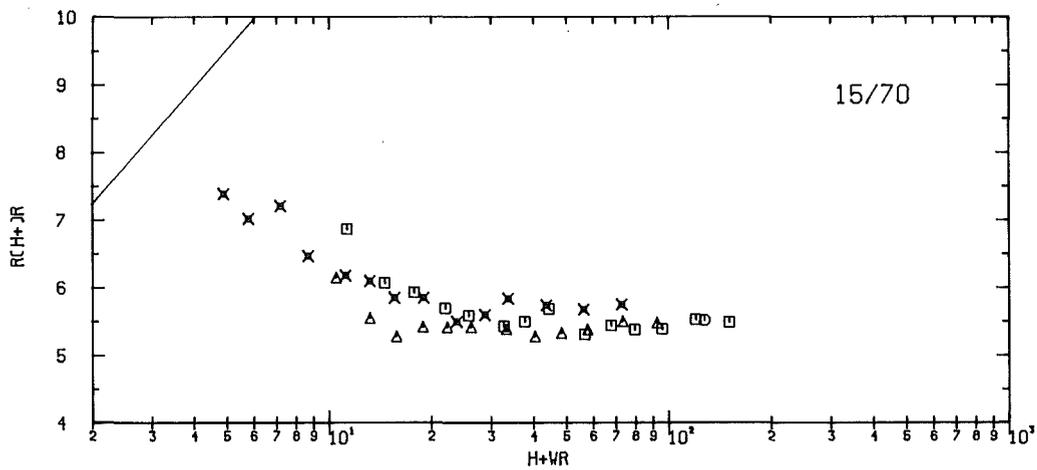
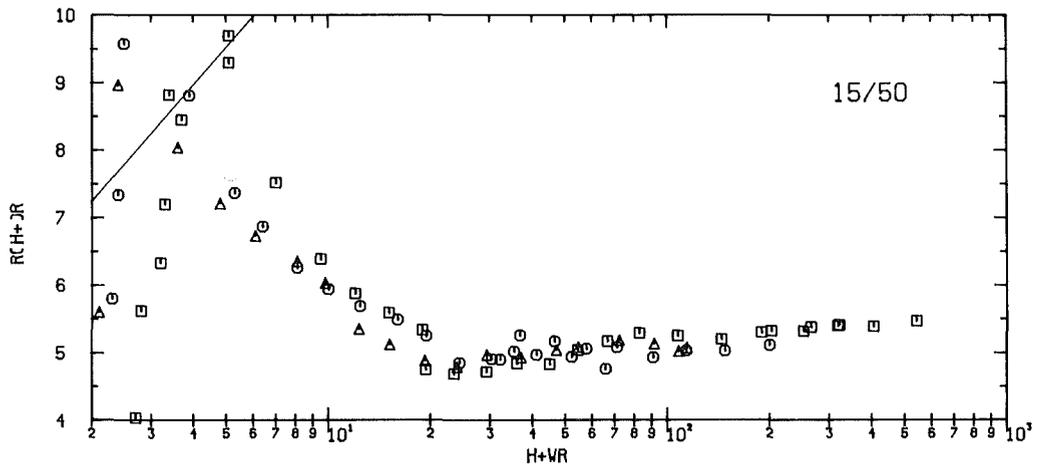


Fig.36: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq.(21)

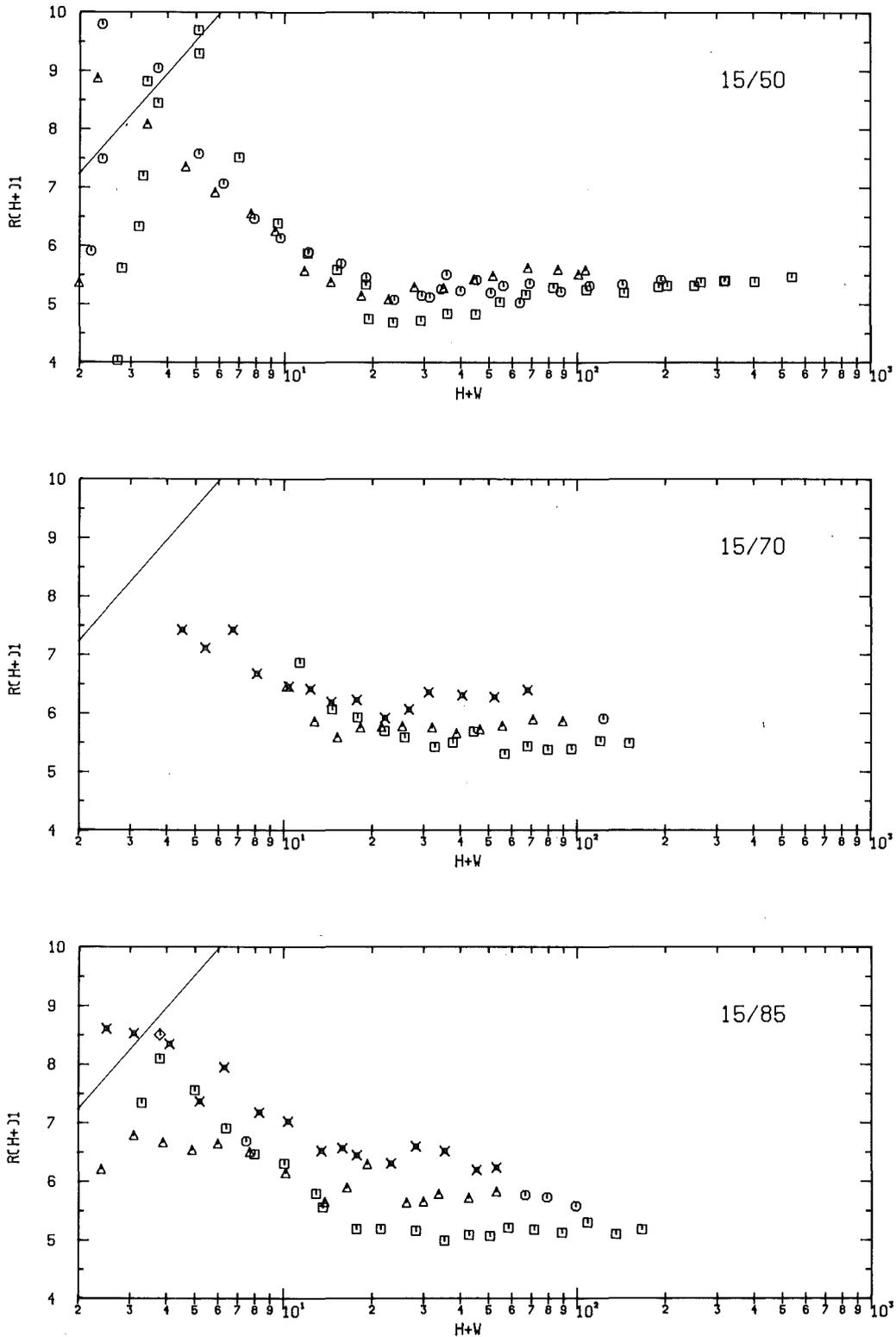


Fig.37: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (20)

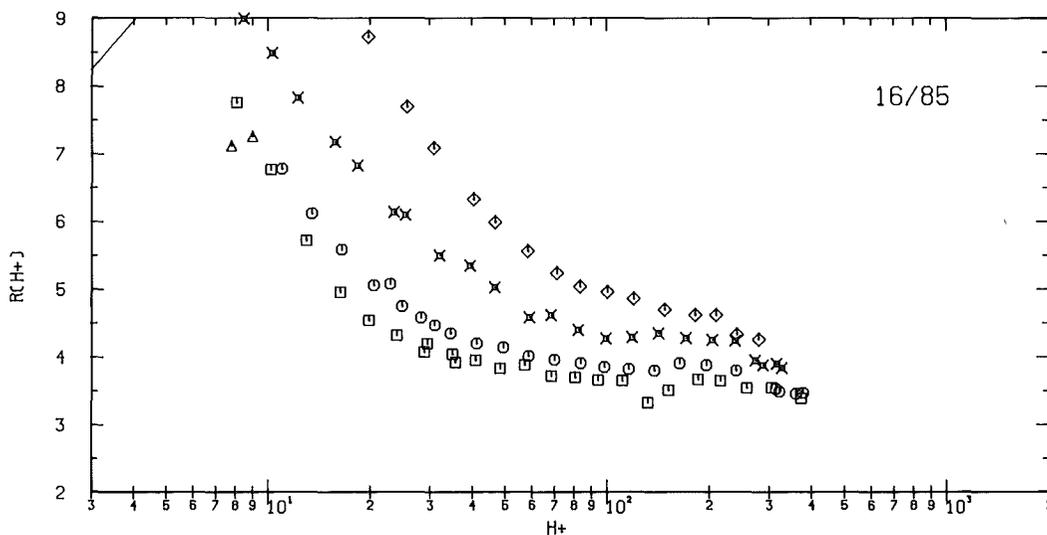
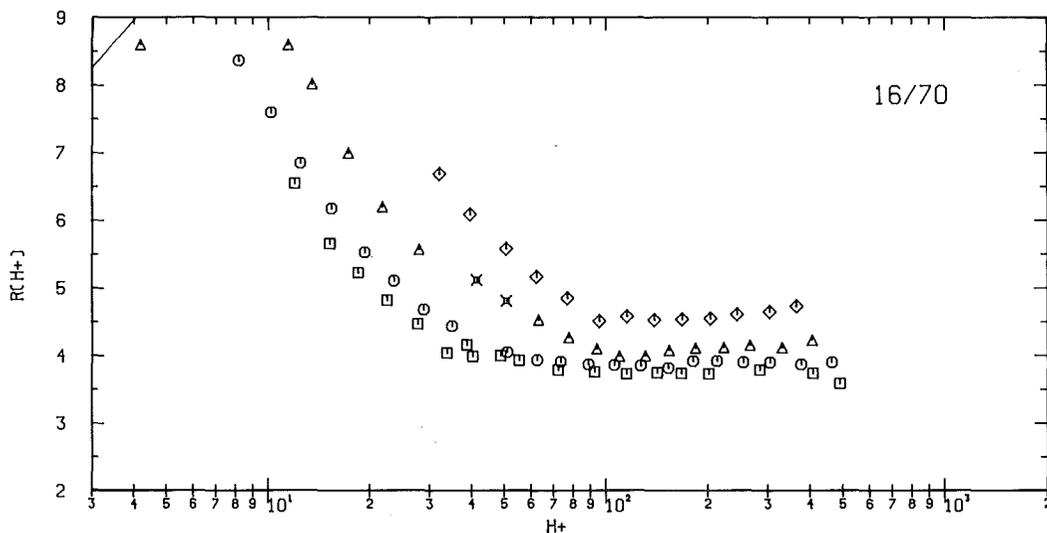
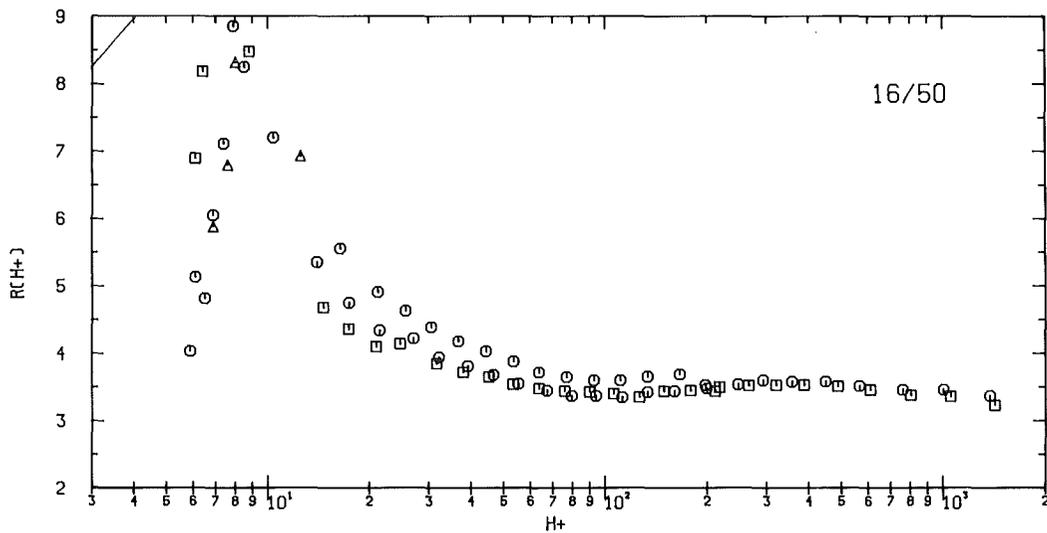


Fig.38: Roughness parameter  $R(h^+)$  of heated tests evaluated with  $A_r=2.5$

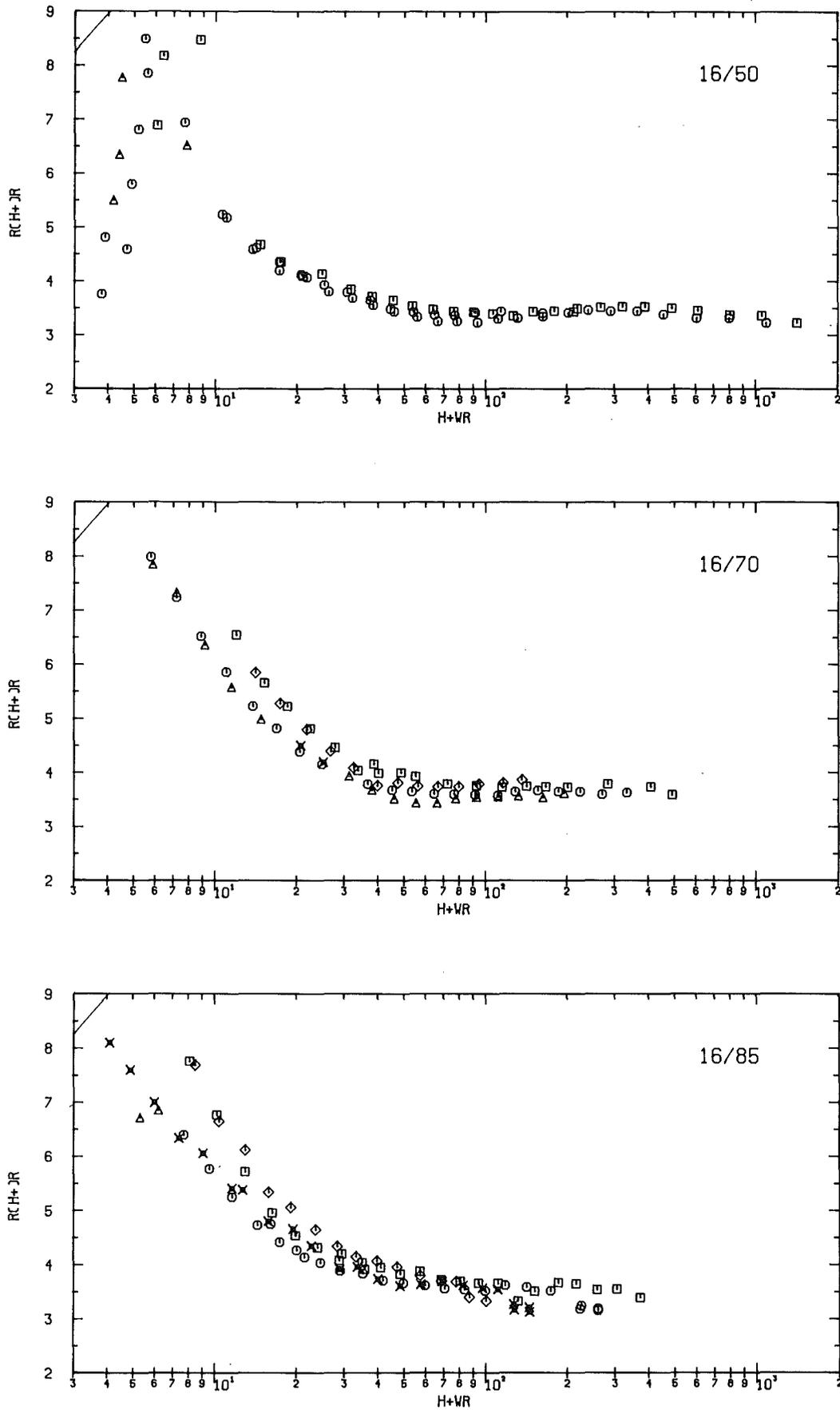


Fig.39: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (21)

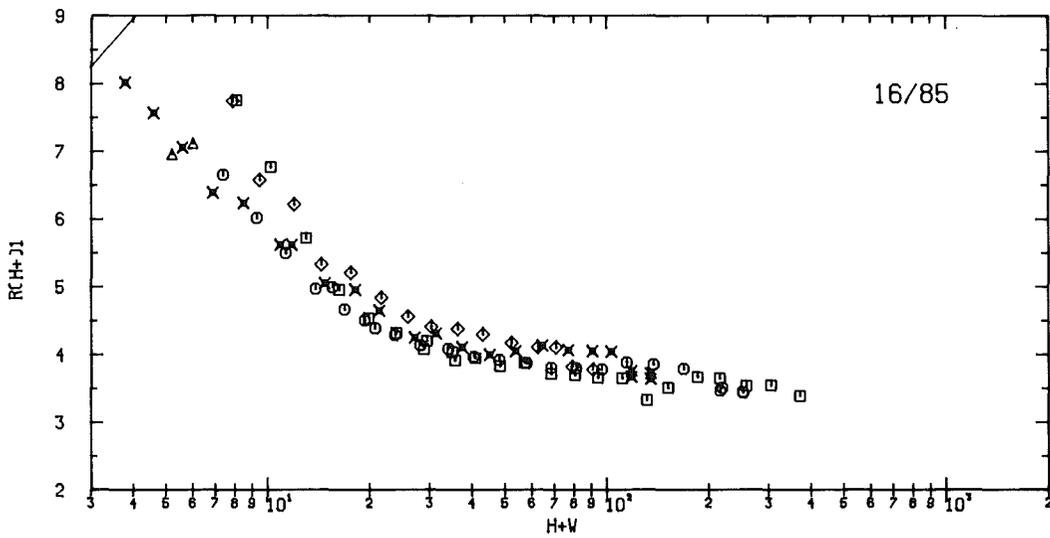
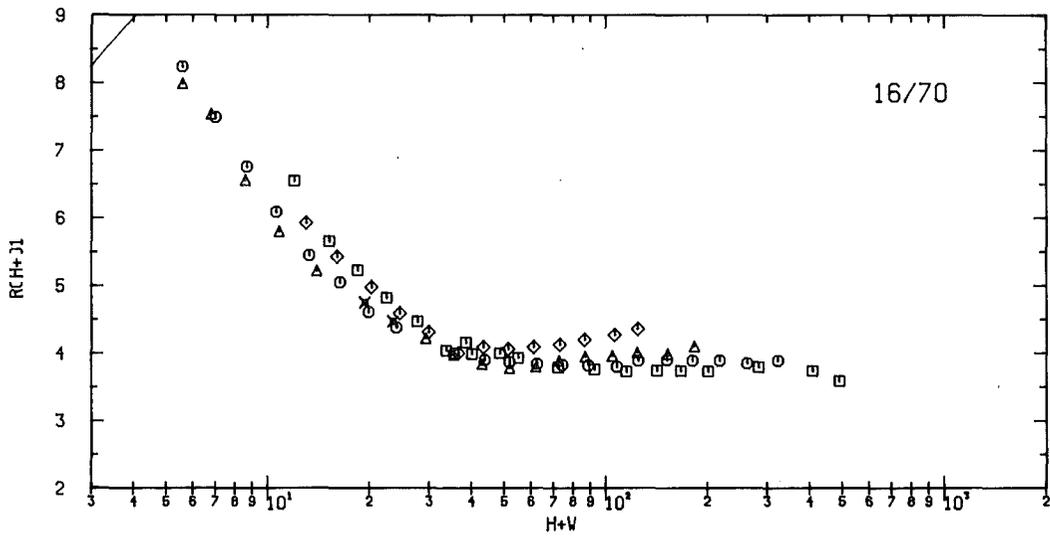
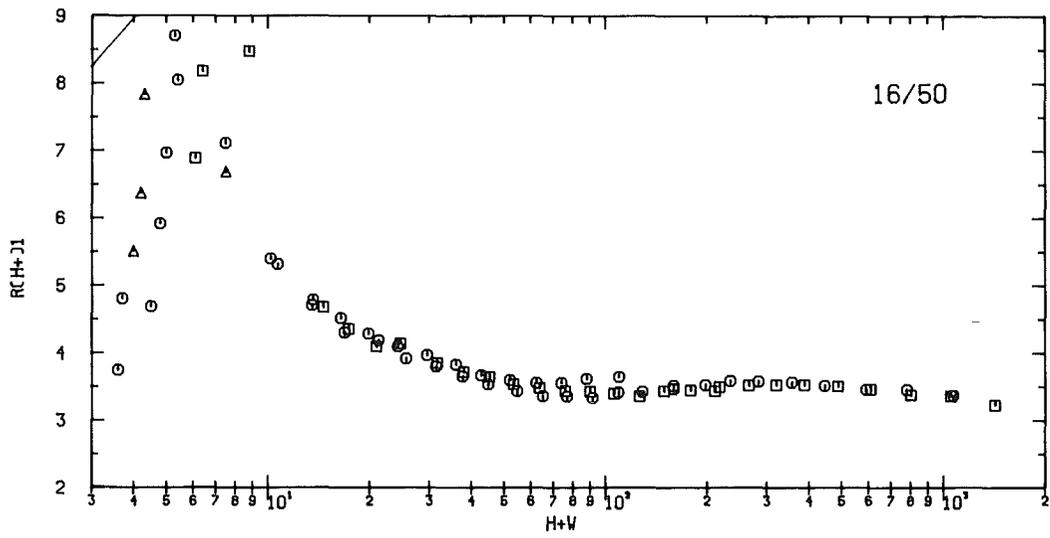


Fig.40: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (20)

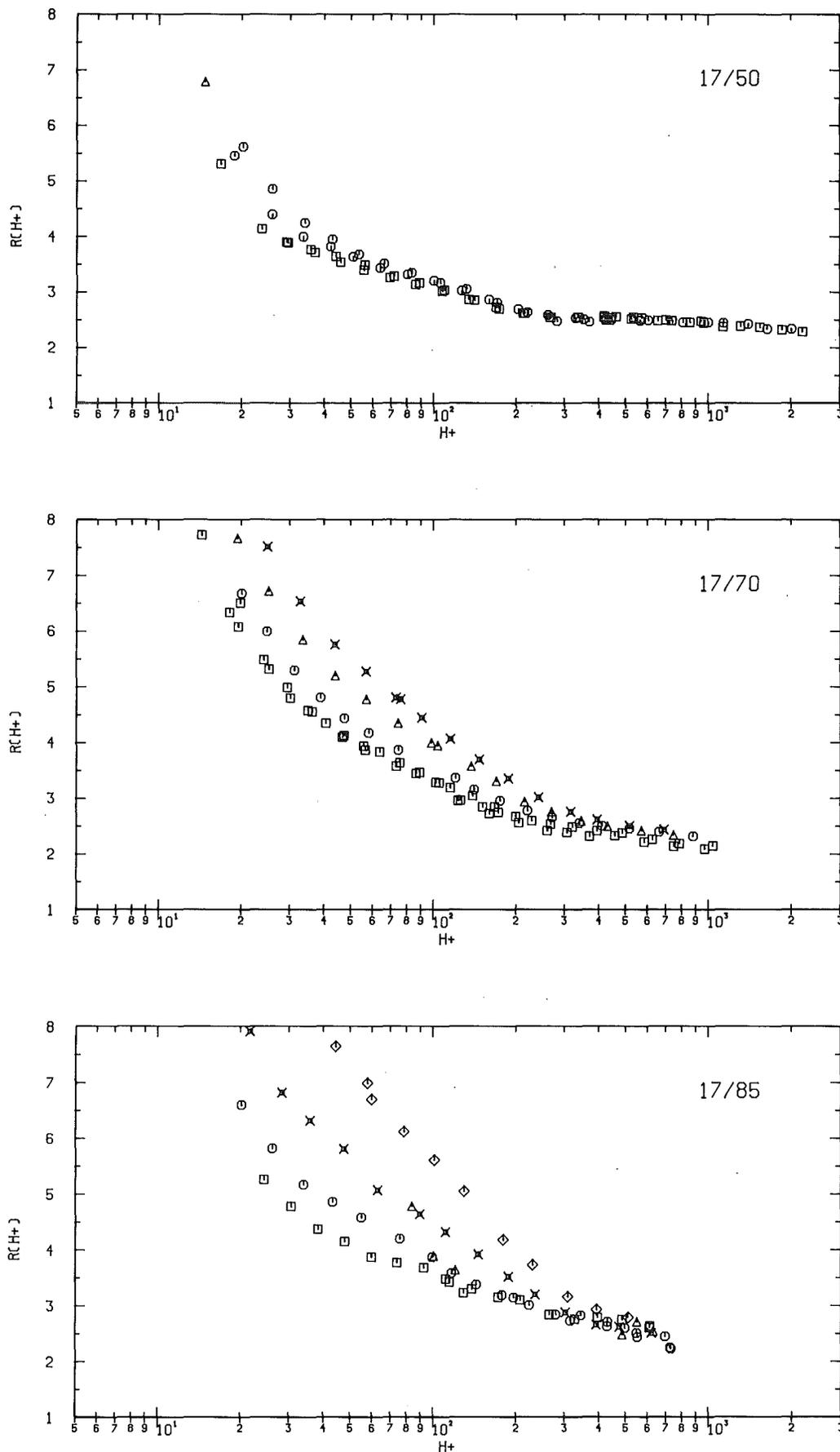


Fig.41: Roughness parameter  $R(h^+)$  of heated tests evaluated with  $A_r=2.5$

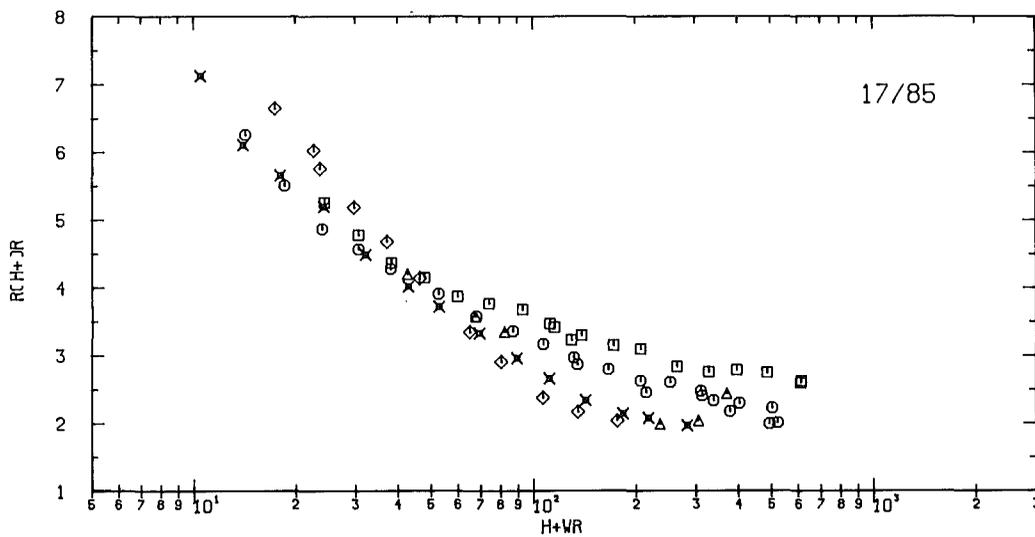
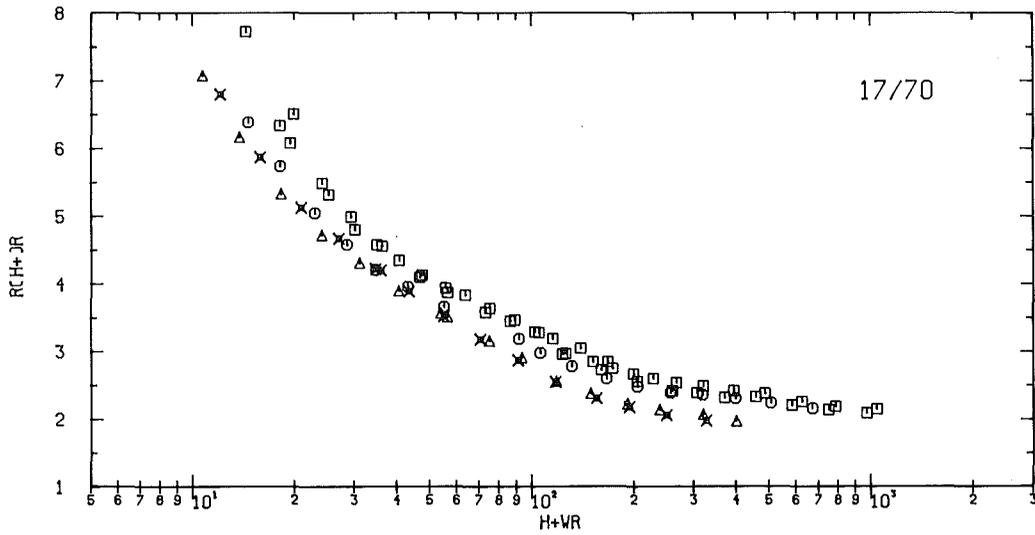
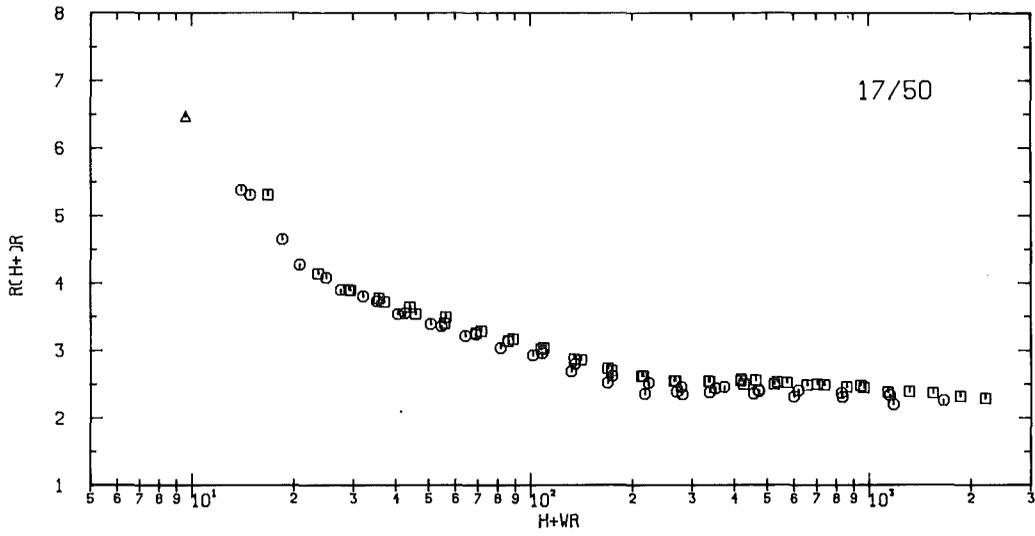


Fig.42: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq.(21)

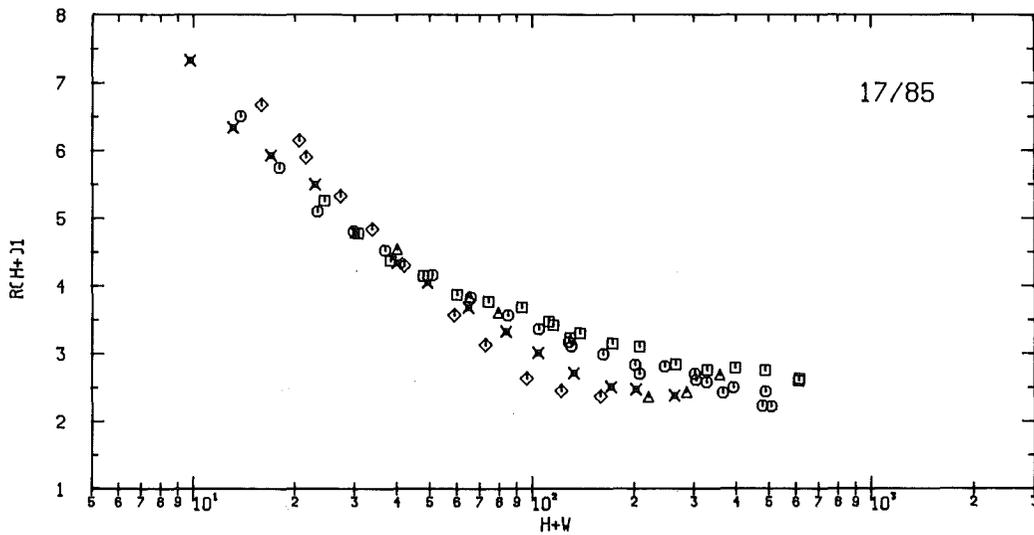
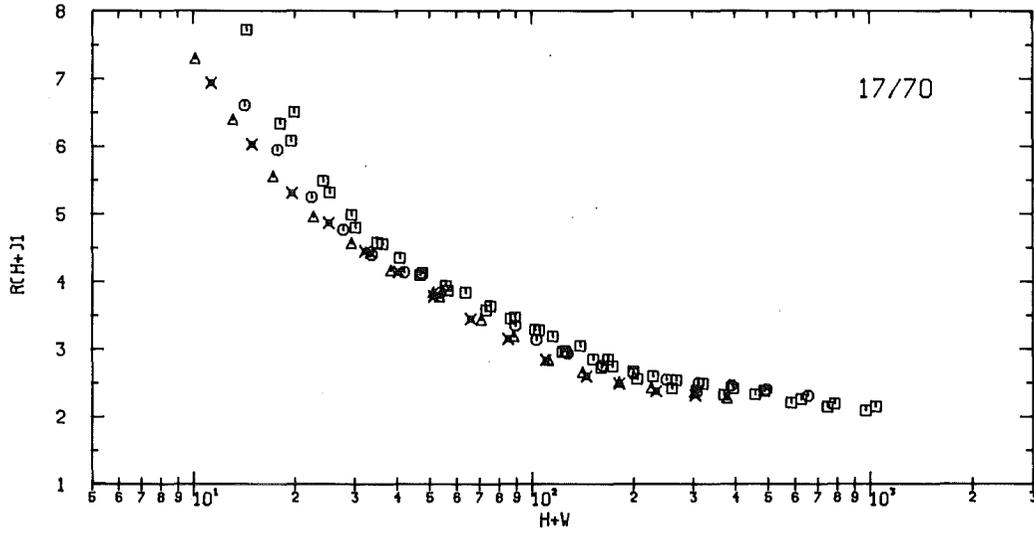
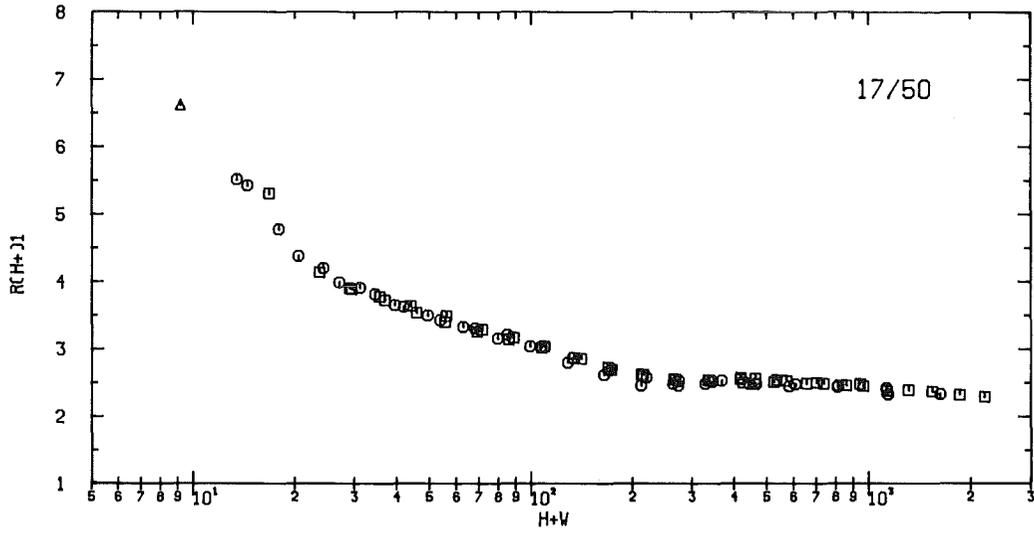


Fig.43: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (20)

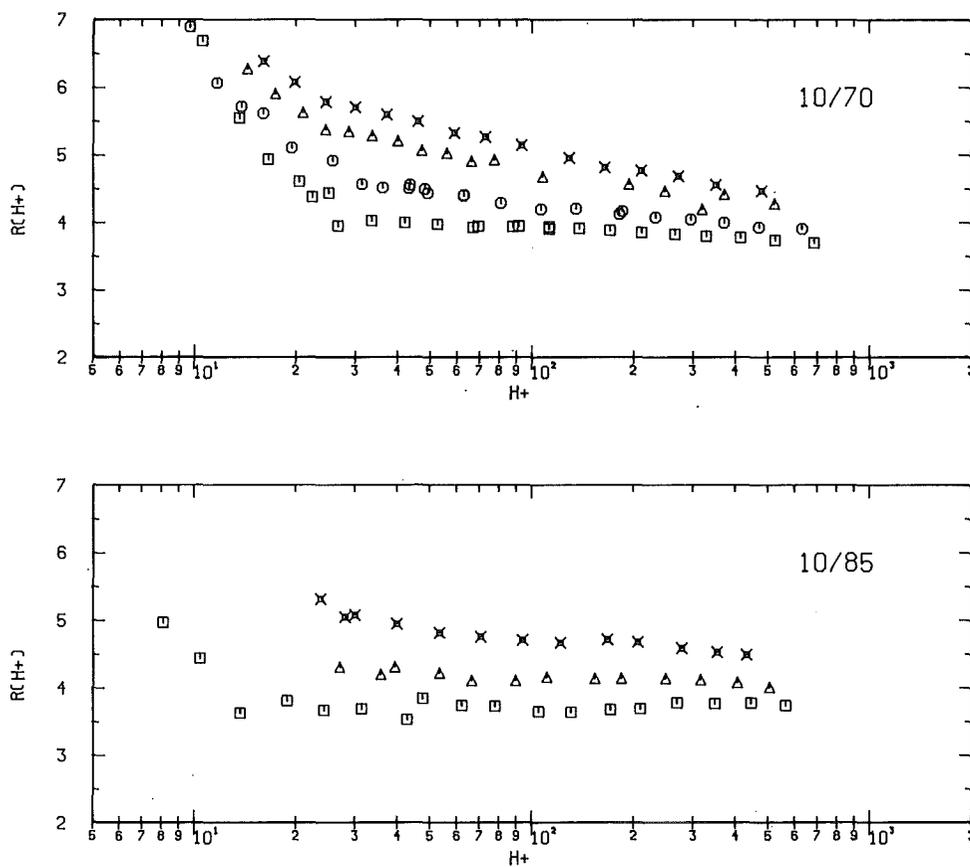


Fig.44: Roughness parameter  $R(h^+)$  of heated tests evaluated with variable  $A_r$ .

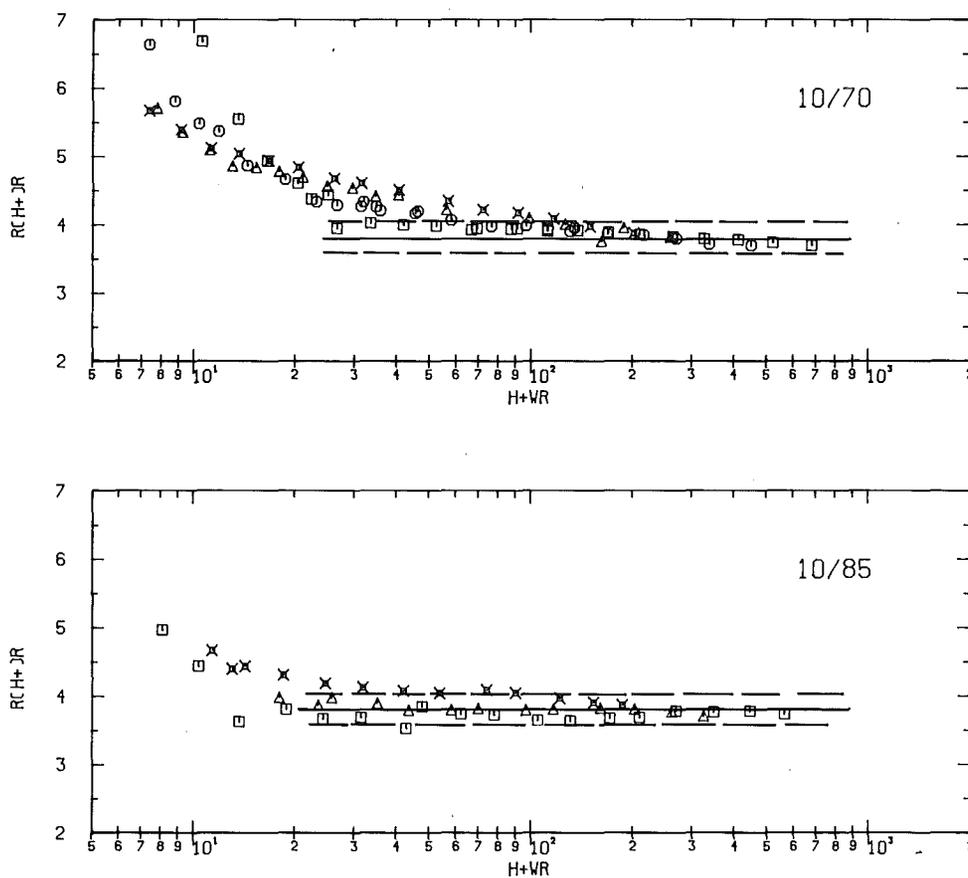


Fig.45: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (21)

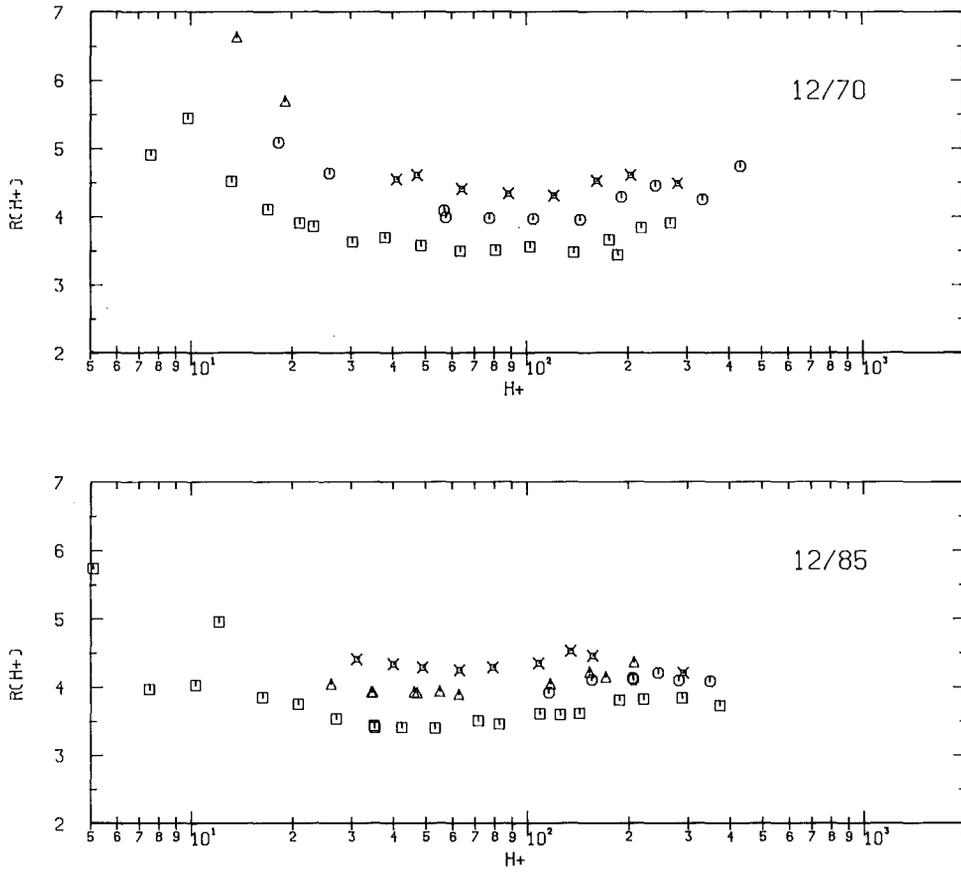


Fig.46: Roughness parameter  $R(h^+)$  of heated tests evaluated with variable  $A_r$

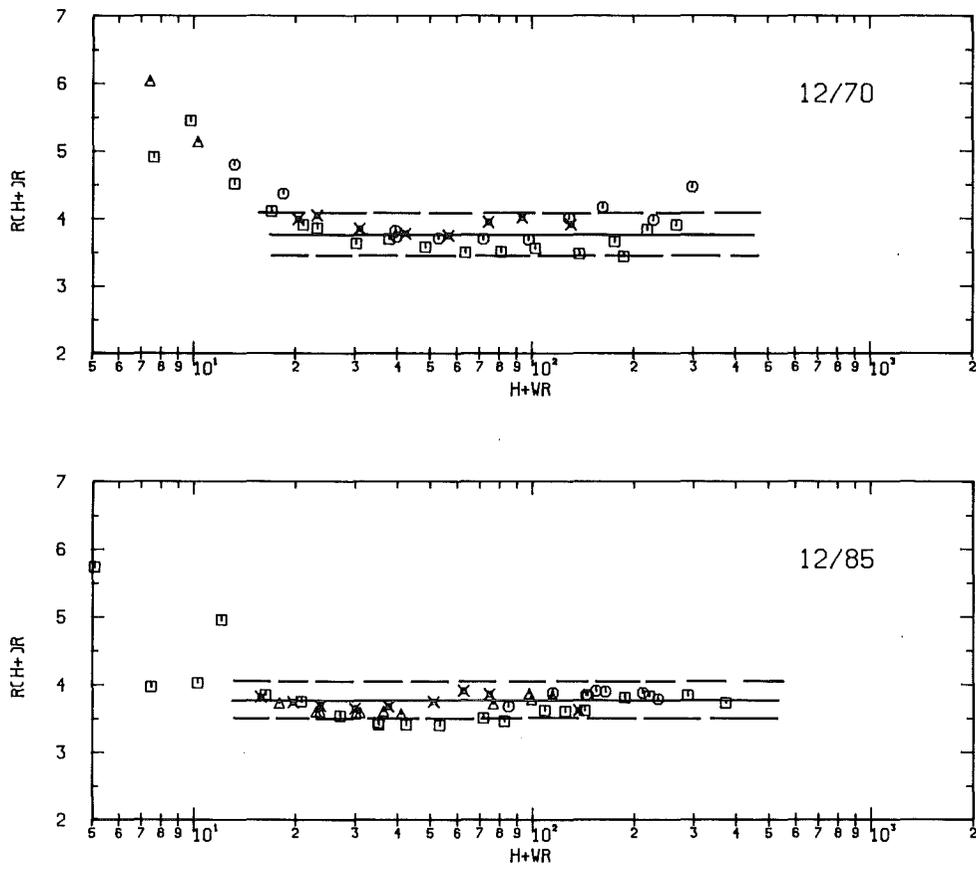


Fig.47: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq.(21)

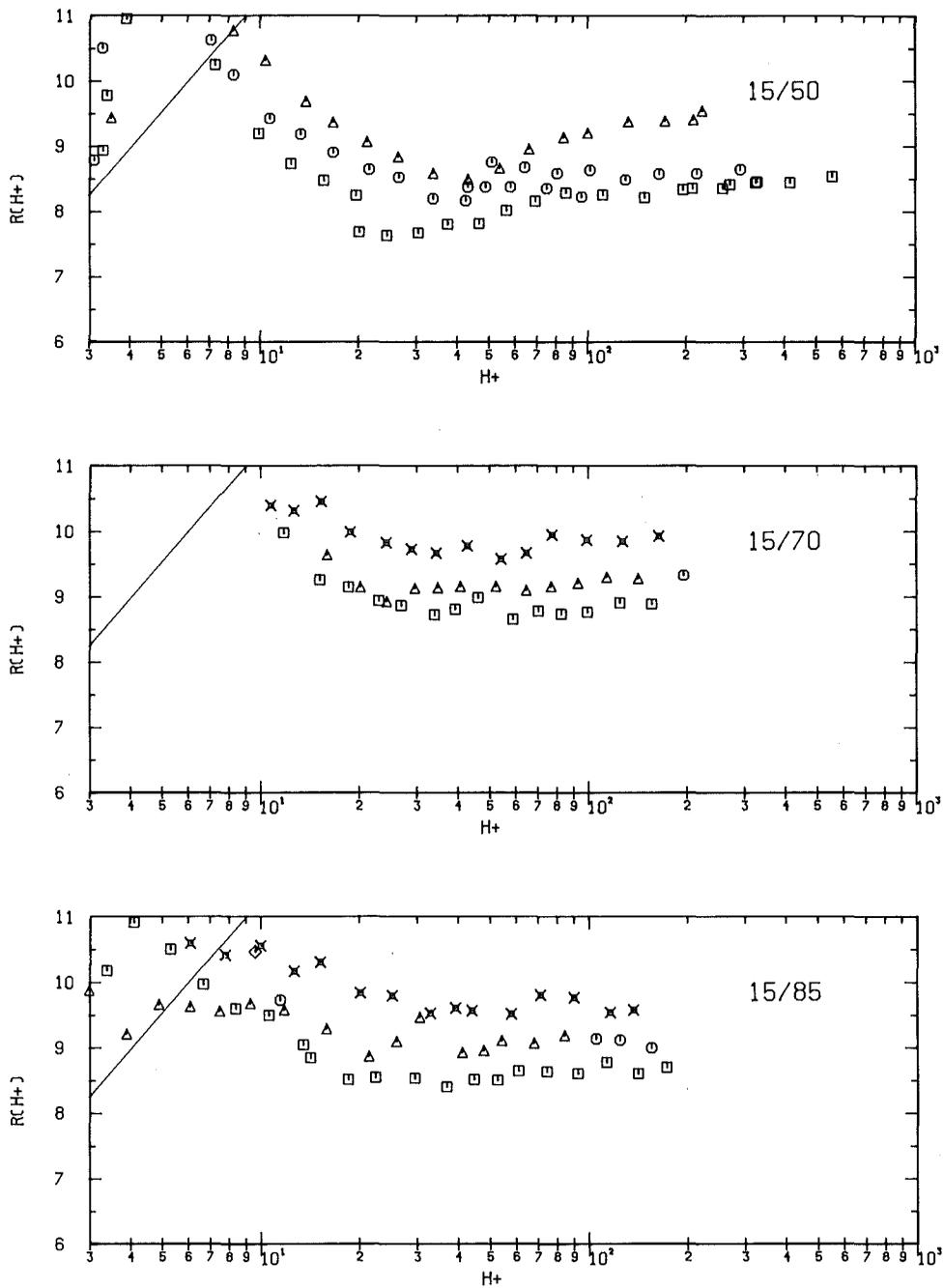


Fig.48: Roughness parameter  $R(h^+)$  of heated tests evaluated with variable  $A_r$

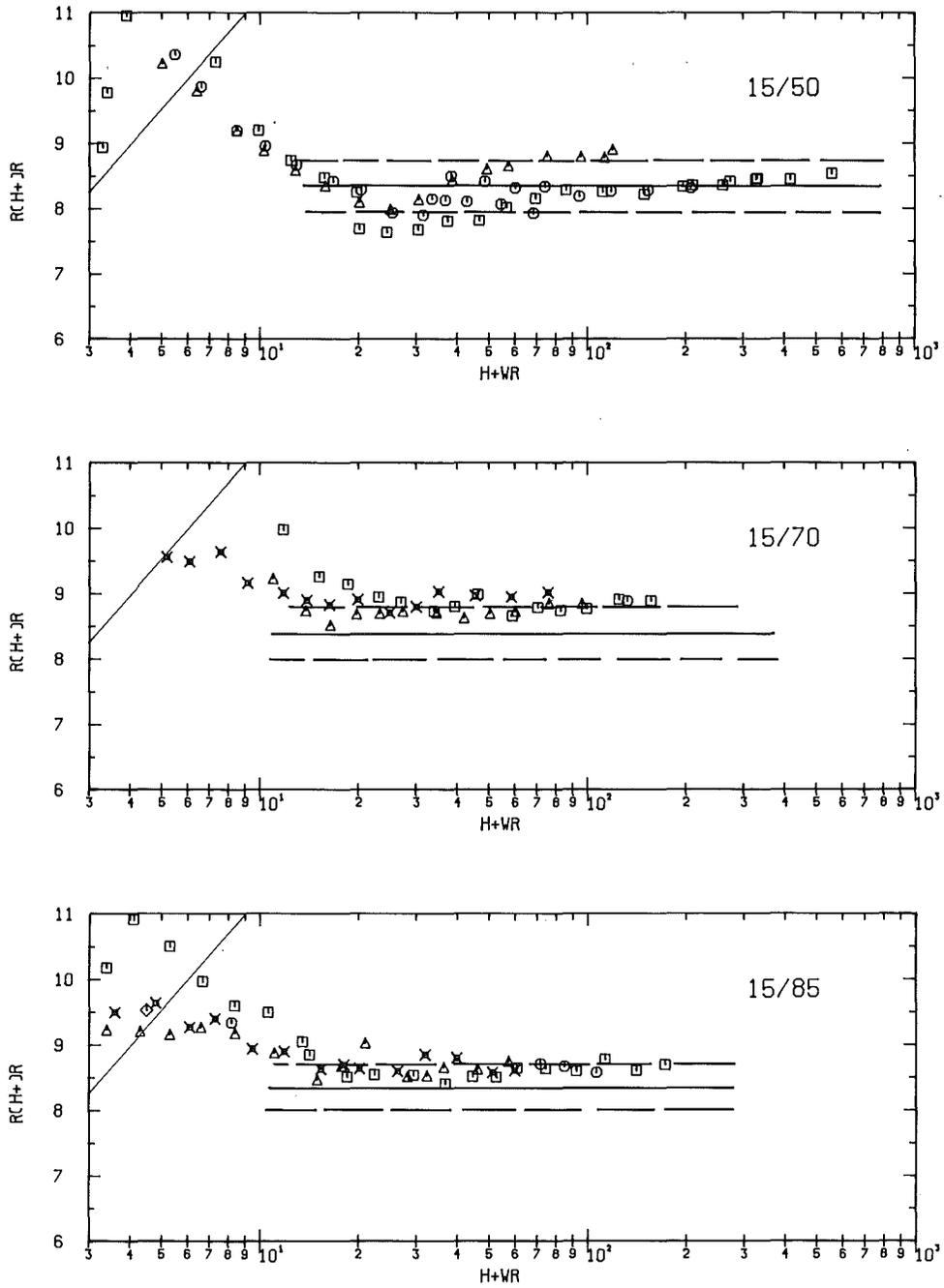


Fig.49: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (21)

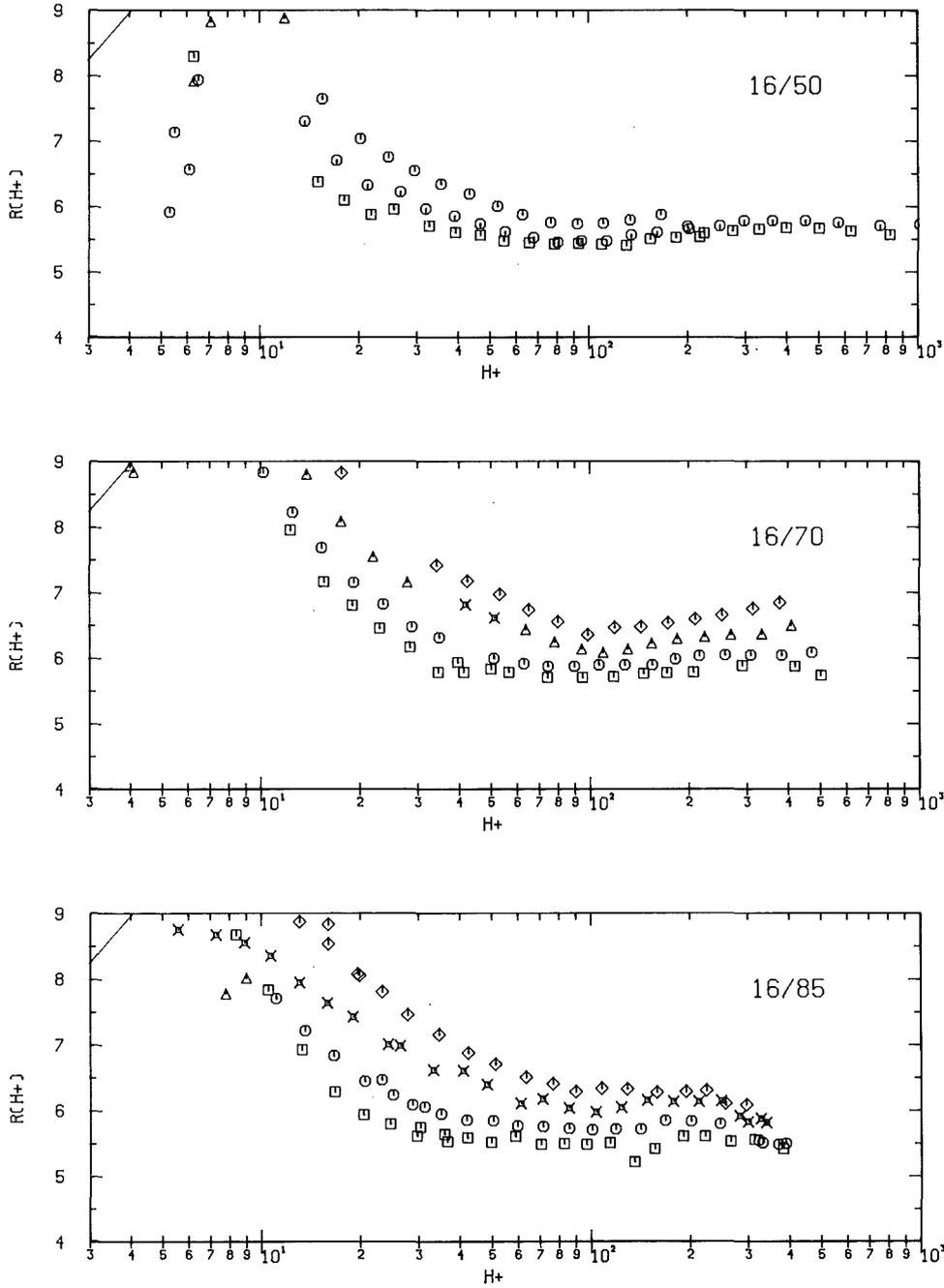


Fig.50: Roughness parameter  $R(h^+)$  of heated tests evaluated with variable  $A_r$

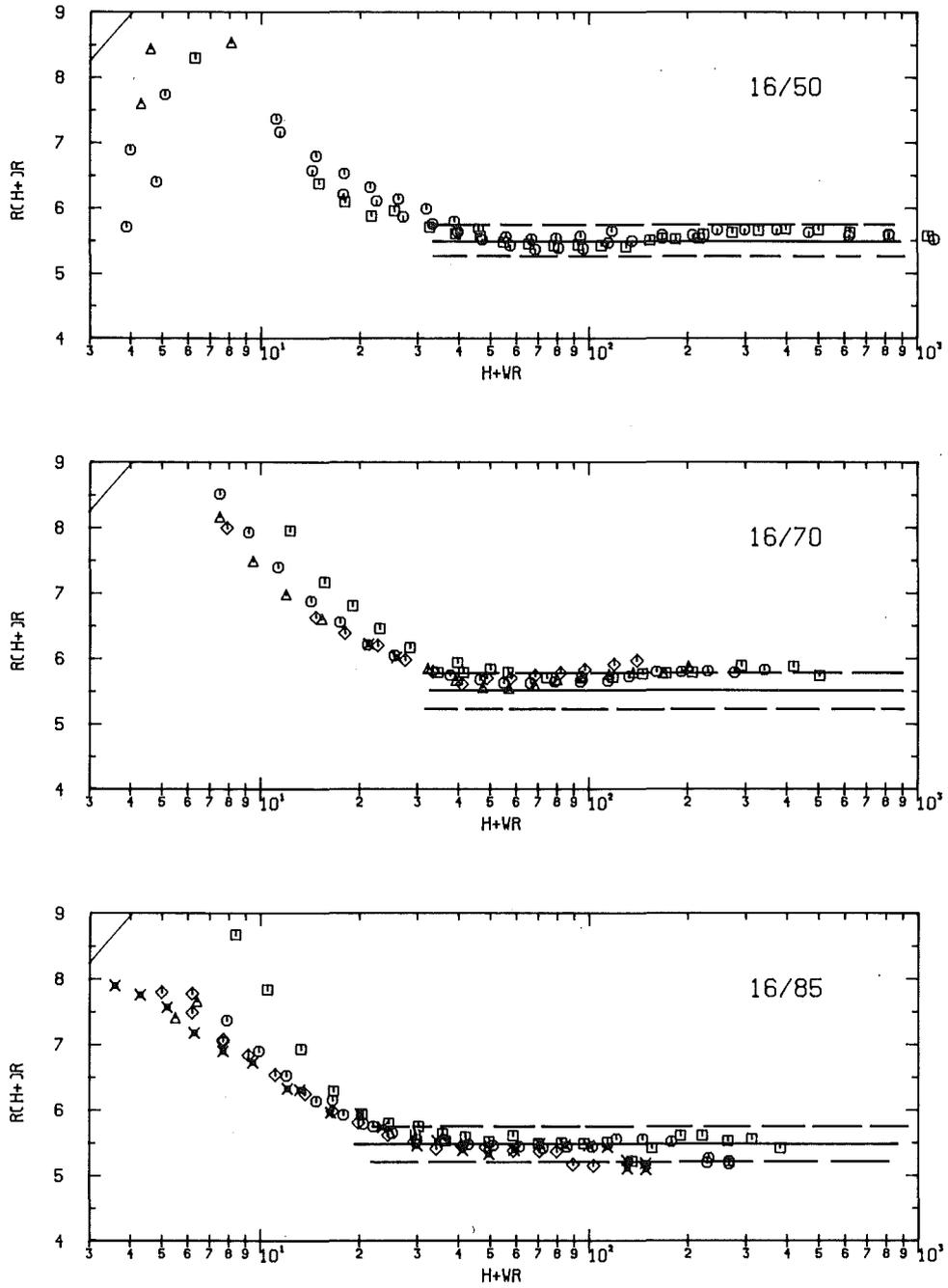


Fig.51: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (21)

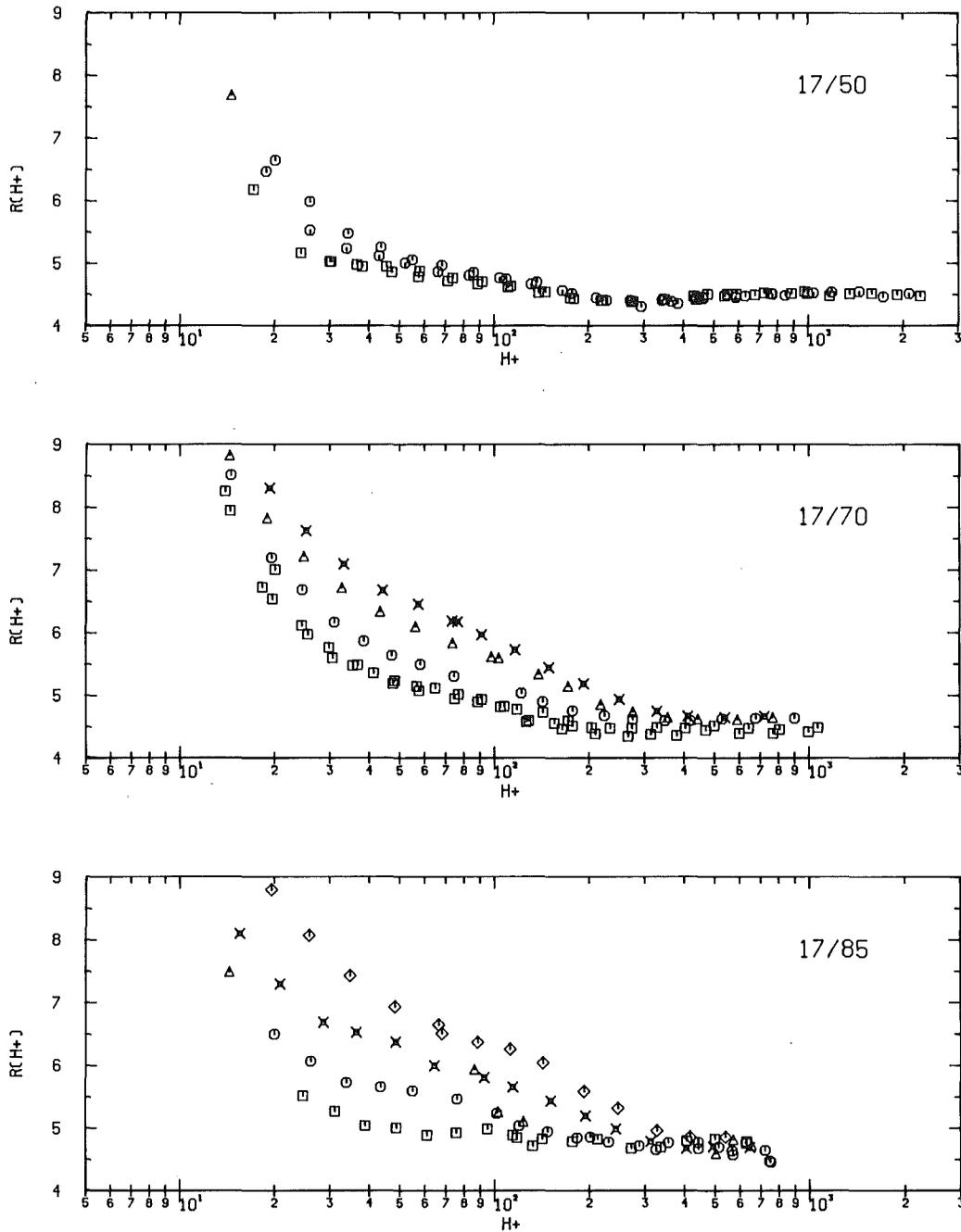


Fig.52: Roughness parameter  $R(h^+)$  of heated tests evaluated with variable  $A_r$

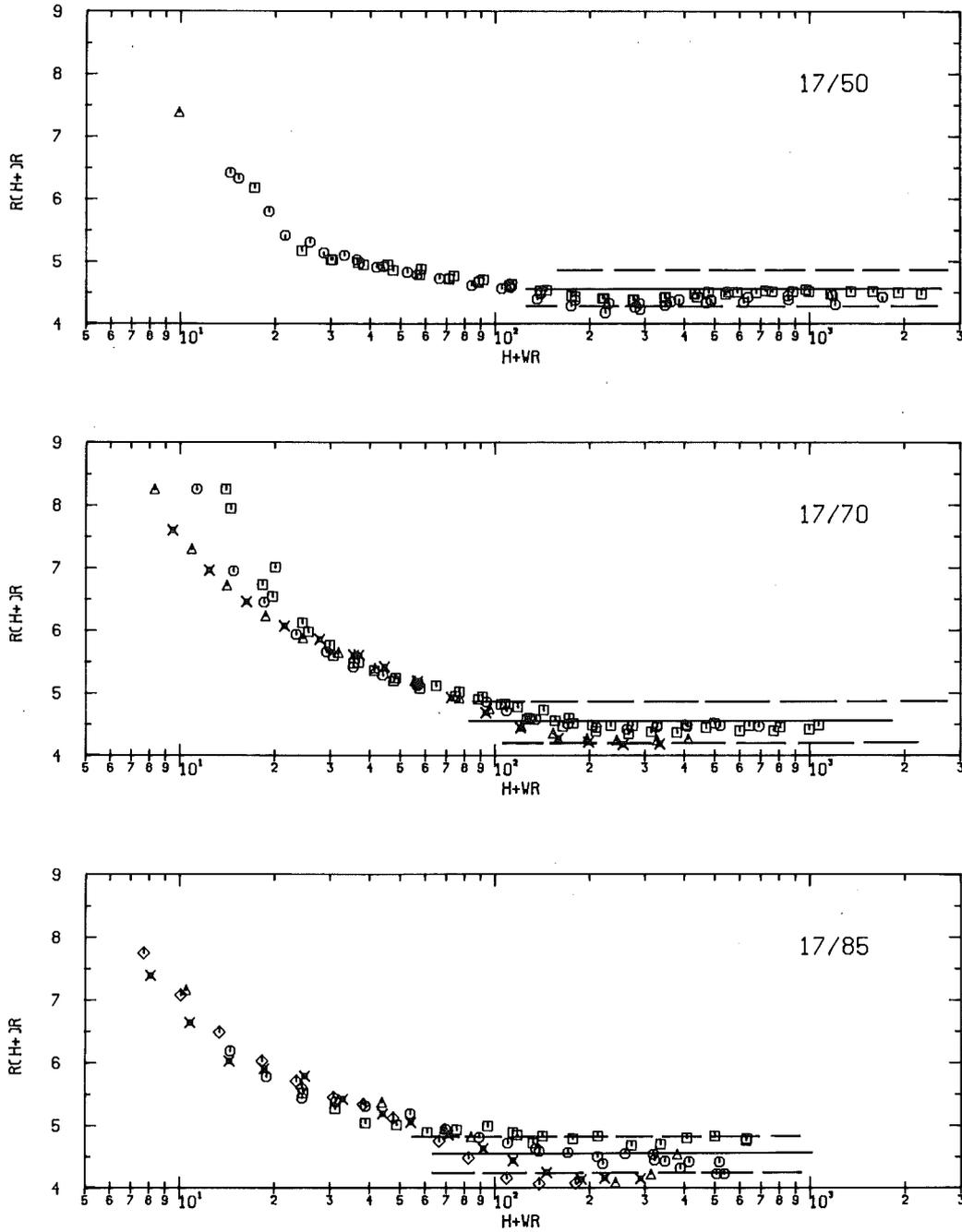


Fig.53: Roughness parameter  $R(h^+)$  reduced for the temperature effect by Eq. (21)

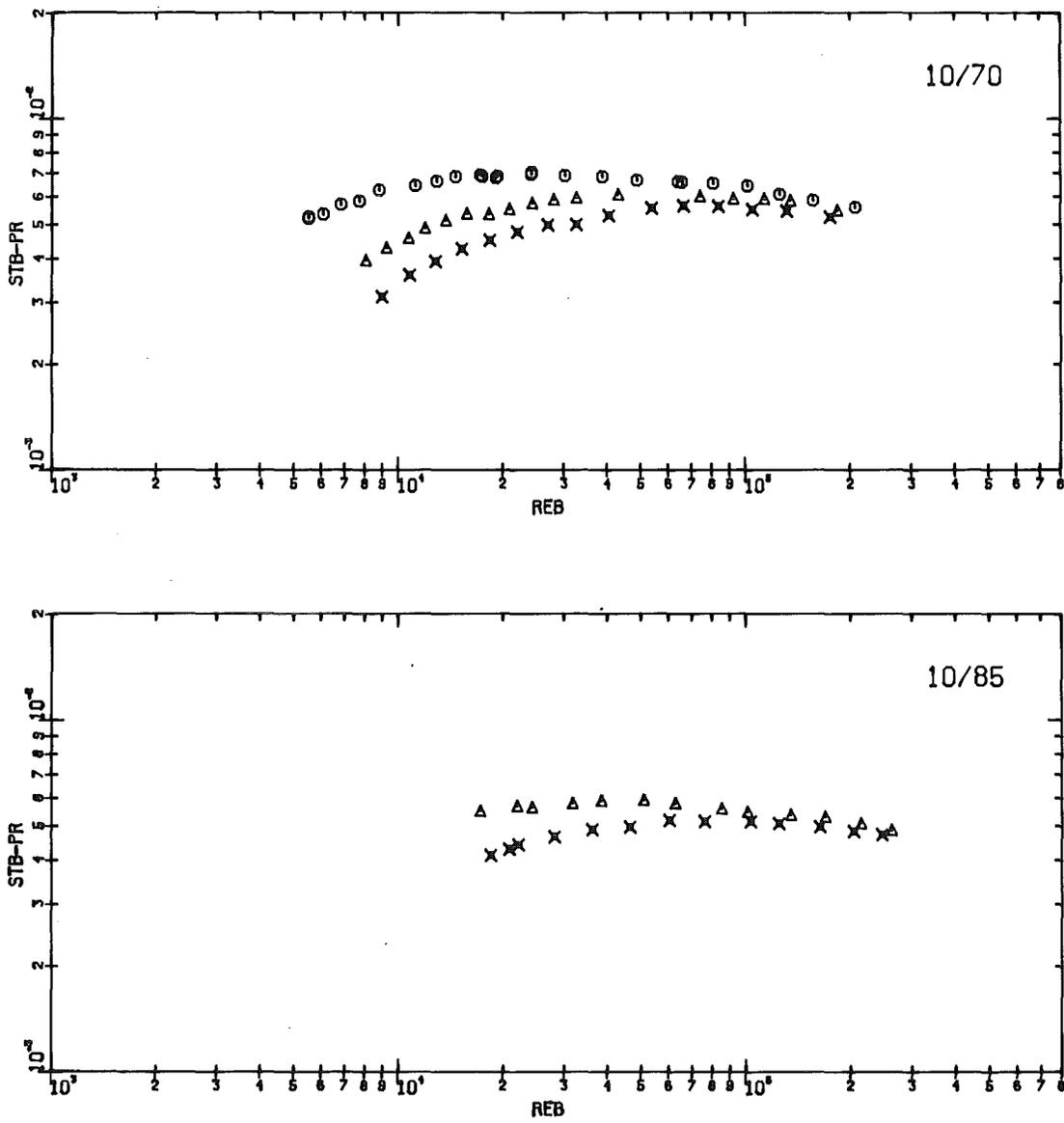


Fig.54: Stanton number ( $St_B Pr^{0.6}$ ) versus Reynolds number

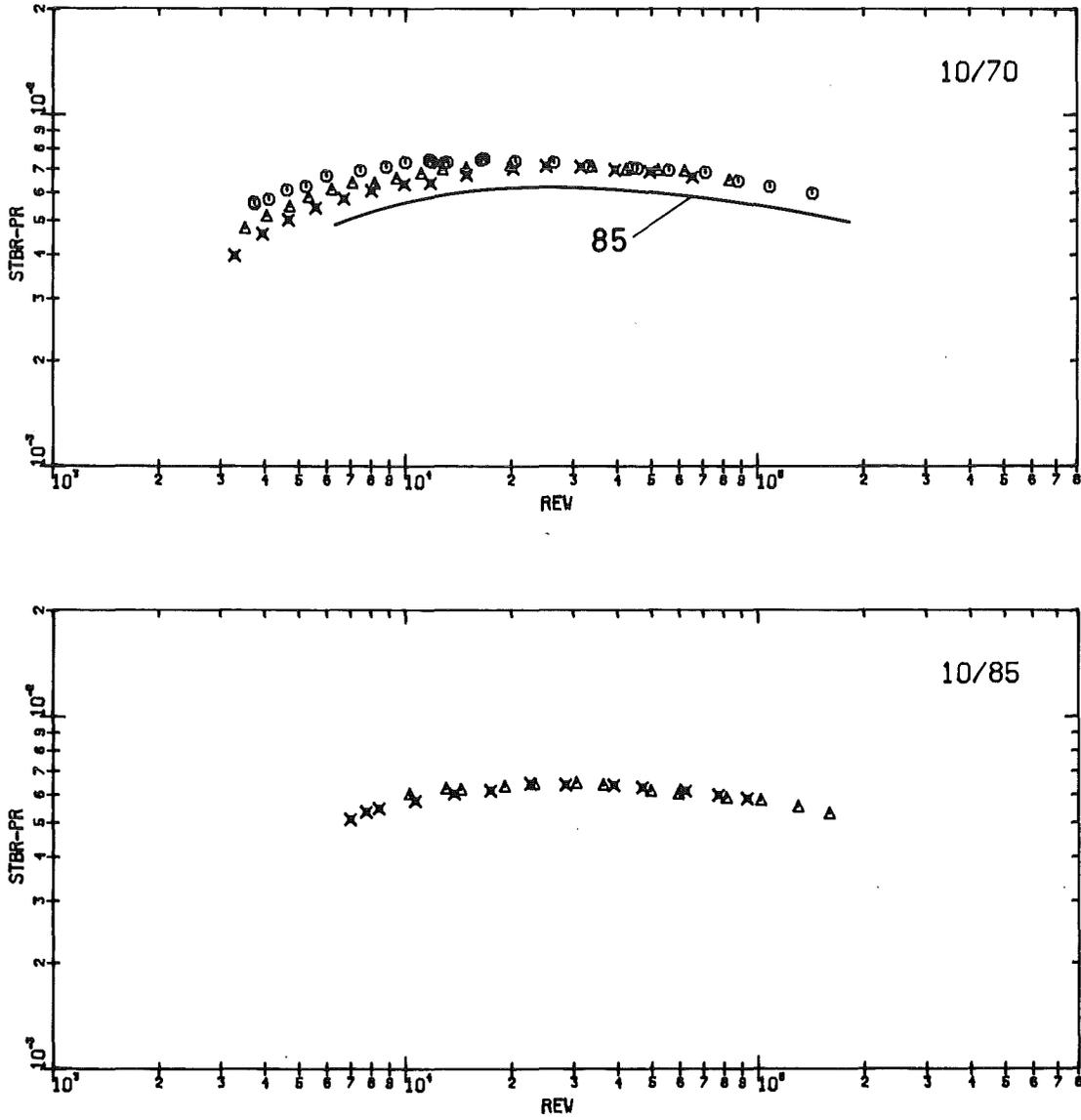


Fig.55: Stanton number reduced for the temperature and entrance effect by Eq. (24)

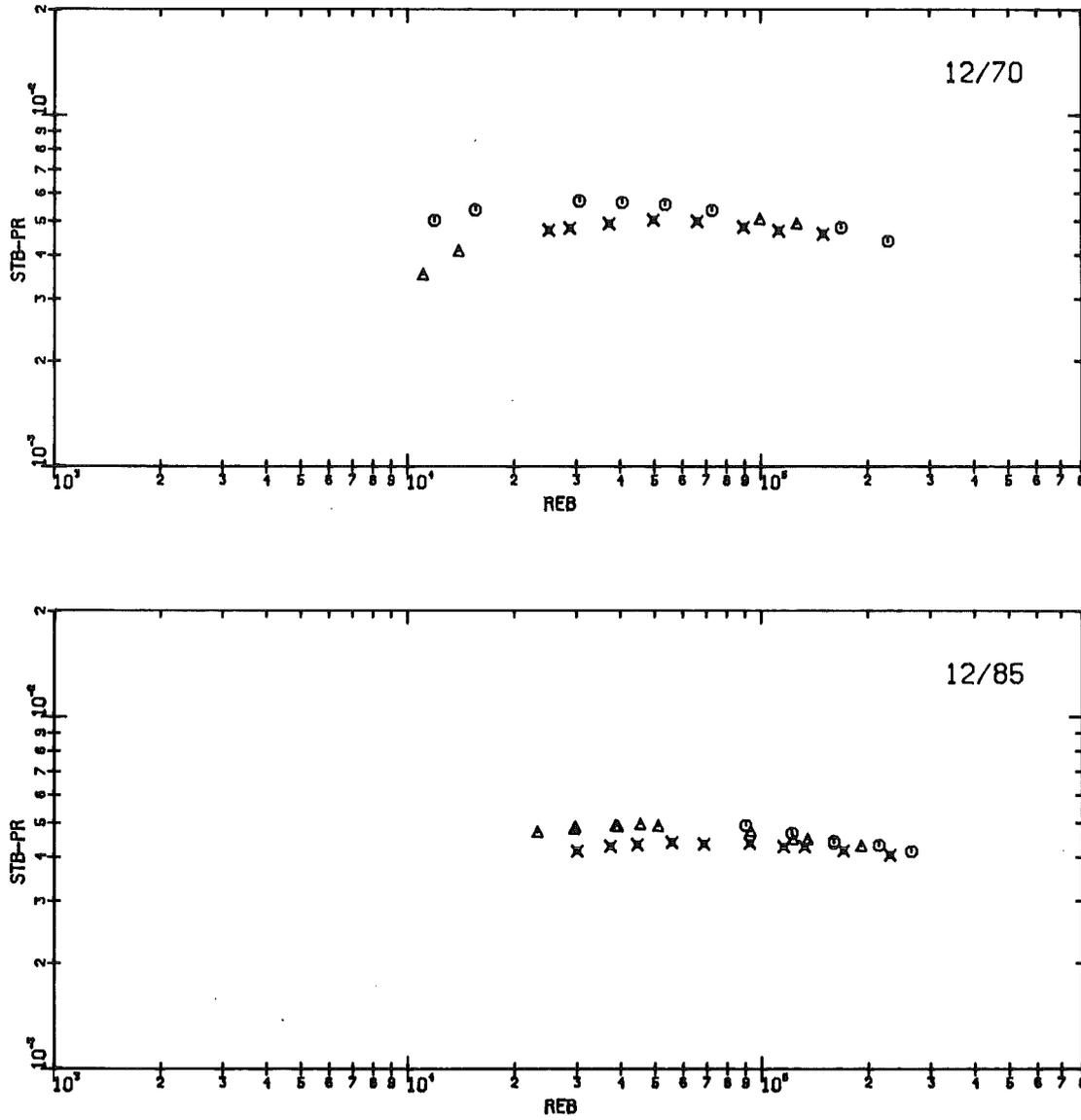


Fig.56: Stanton number ( $St_{B,Pr}^{0.6}$ ) versus Reynolds number

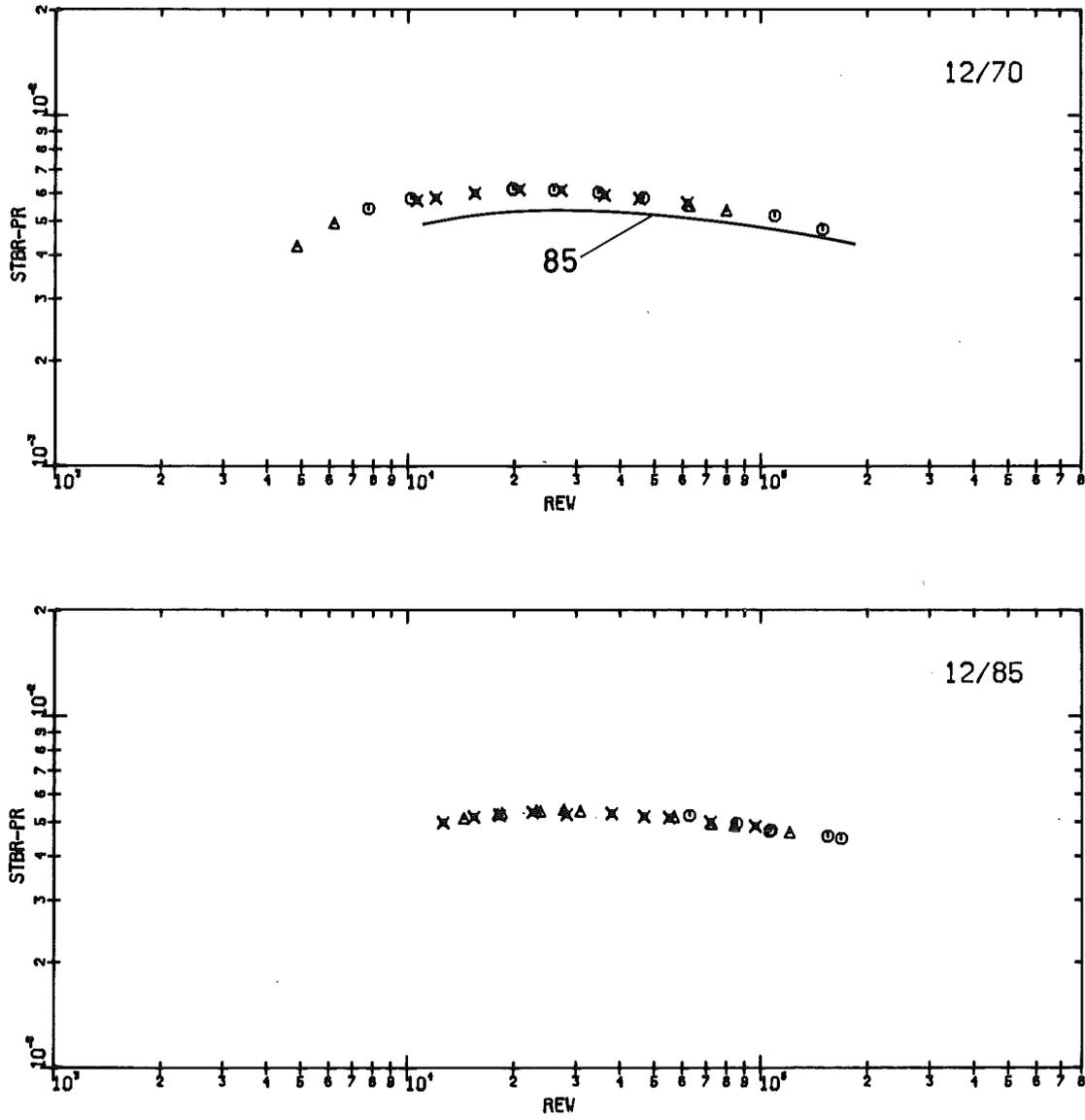


Fig.57: Stanton number reduced for the temperature and entrance effect by Eq. (24)

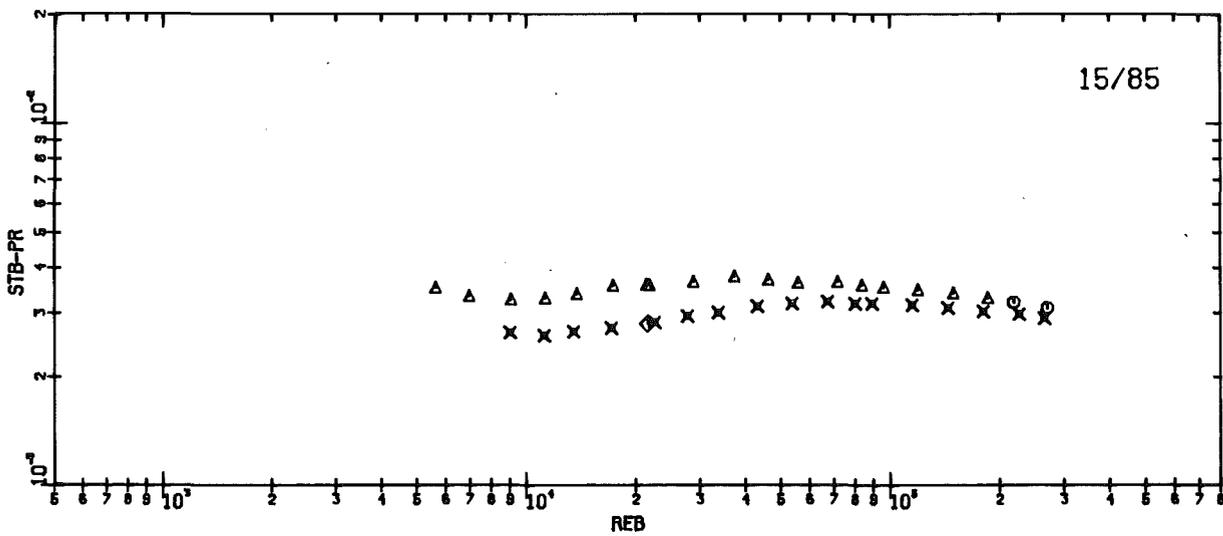
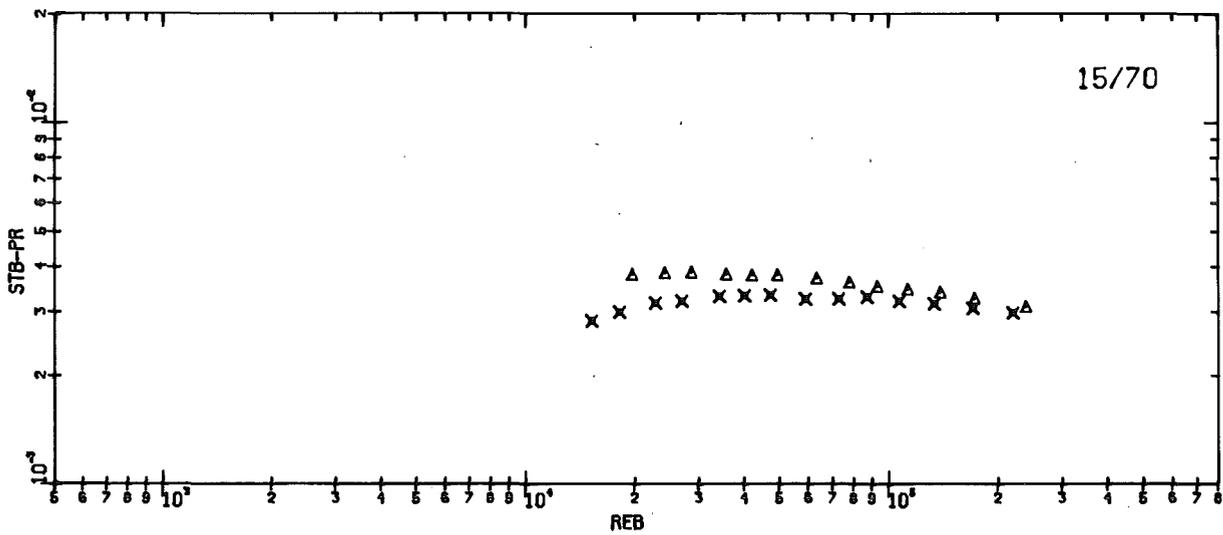
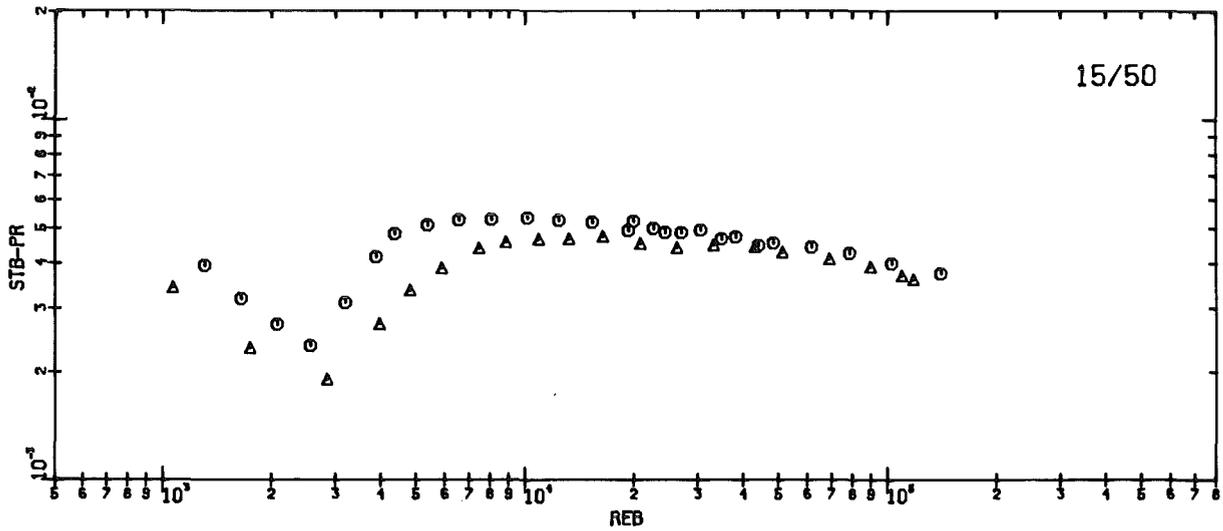


Fig.58: Stanton number ( $St_B Pr^{0.6}$ ) versus Reynolds number

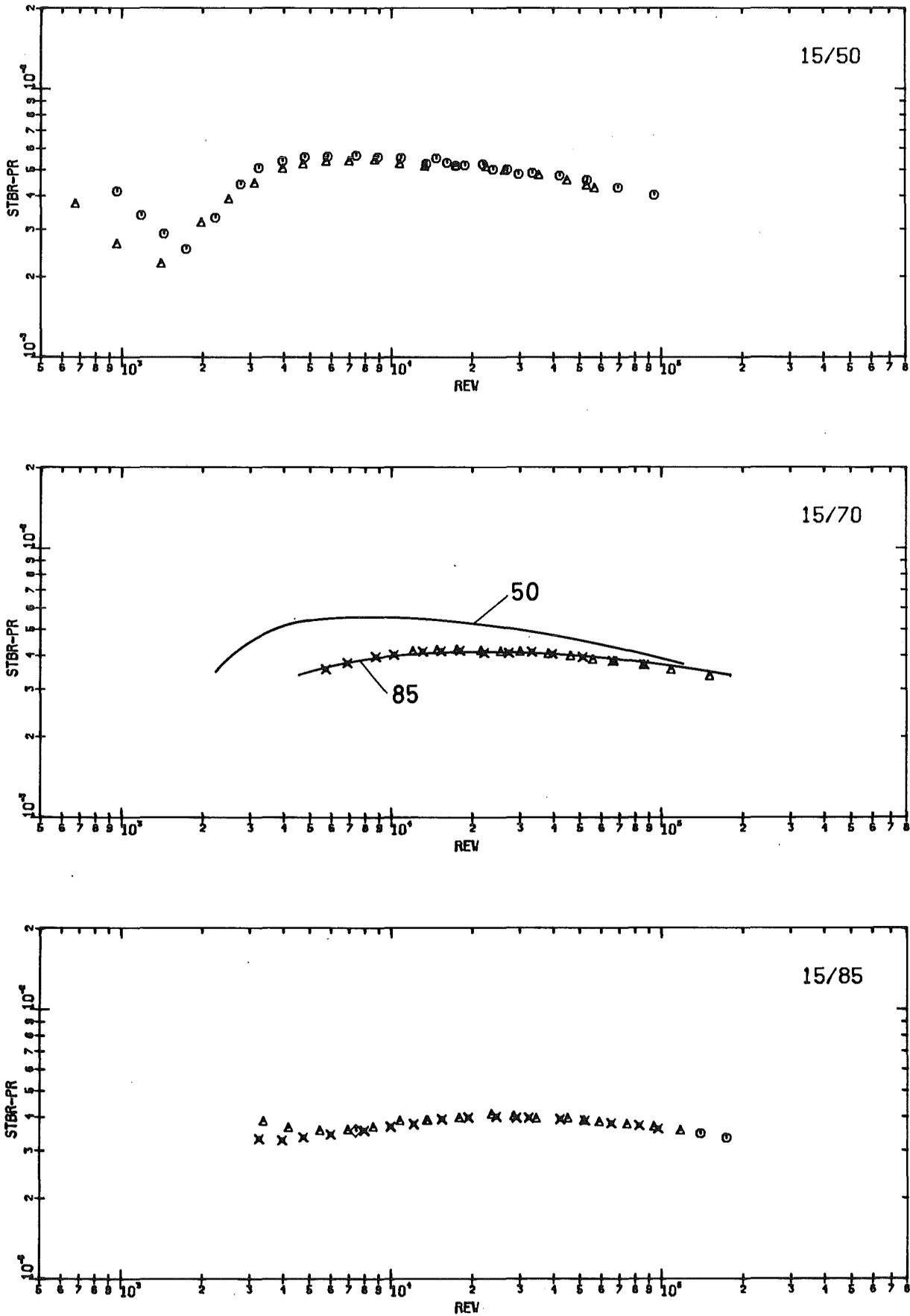


Fig.59: Stanton number reduced for the temperature and entrance effect by Eq. (24)

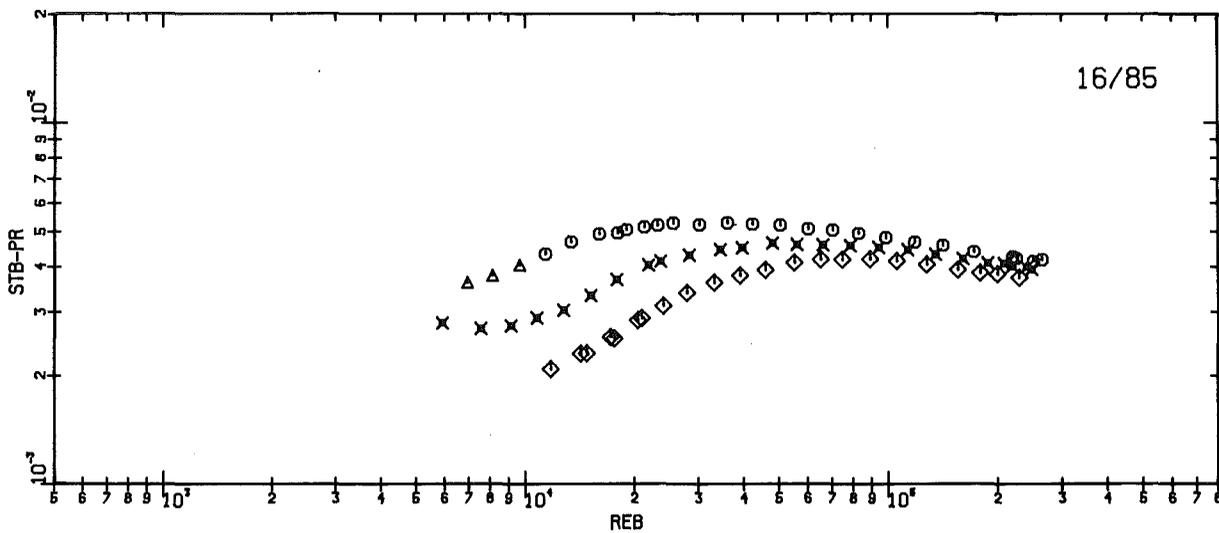
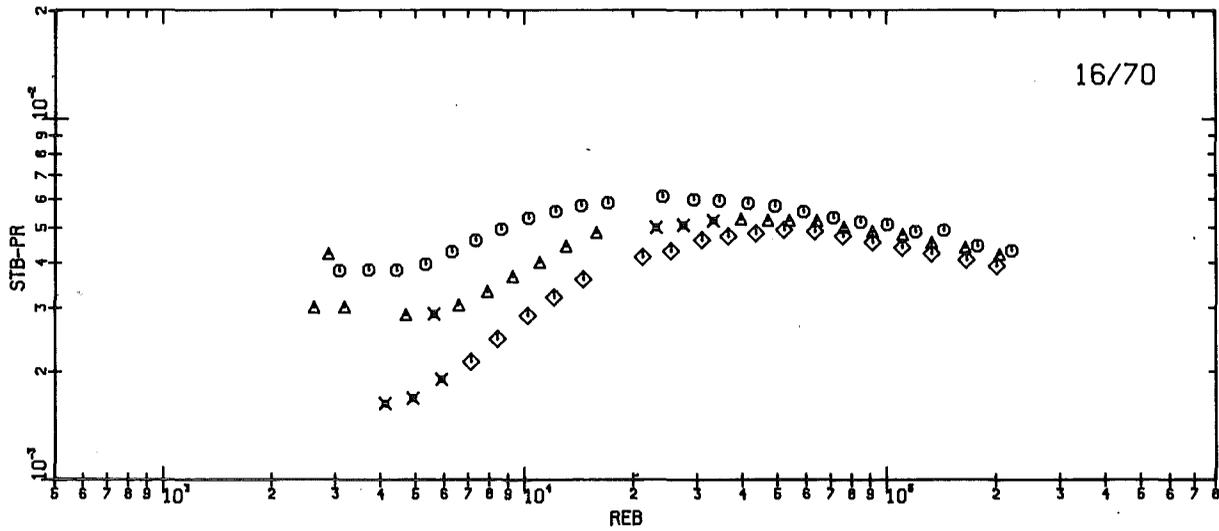
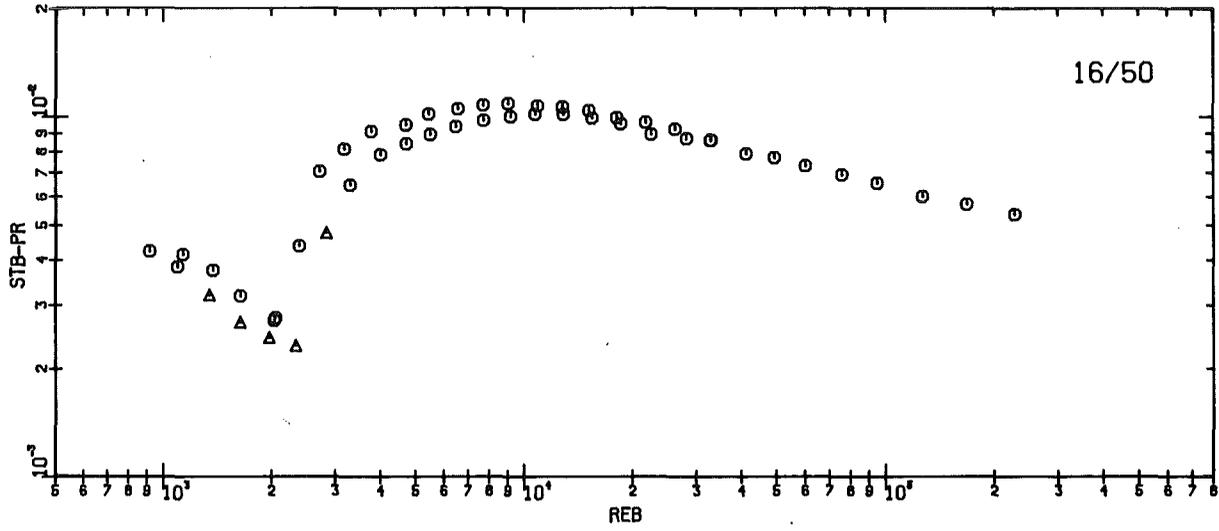


Fig.60: Stanton number ( $St_{B-Pr}^{0.6}$ ) versus Reynolds number

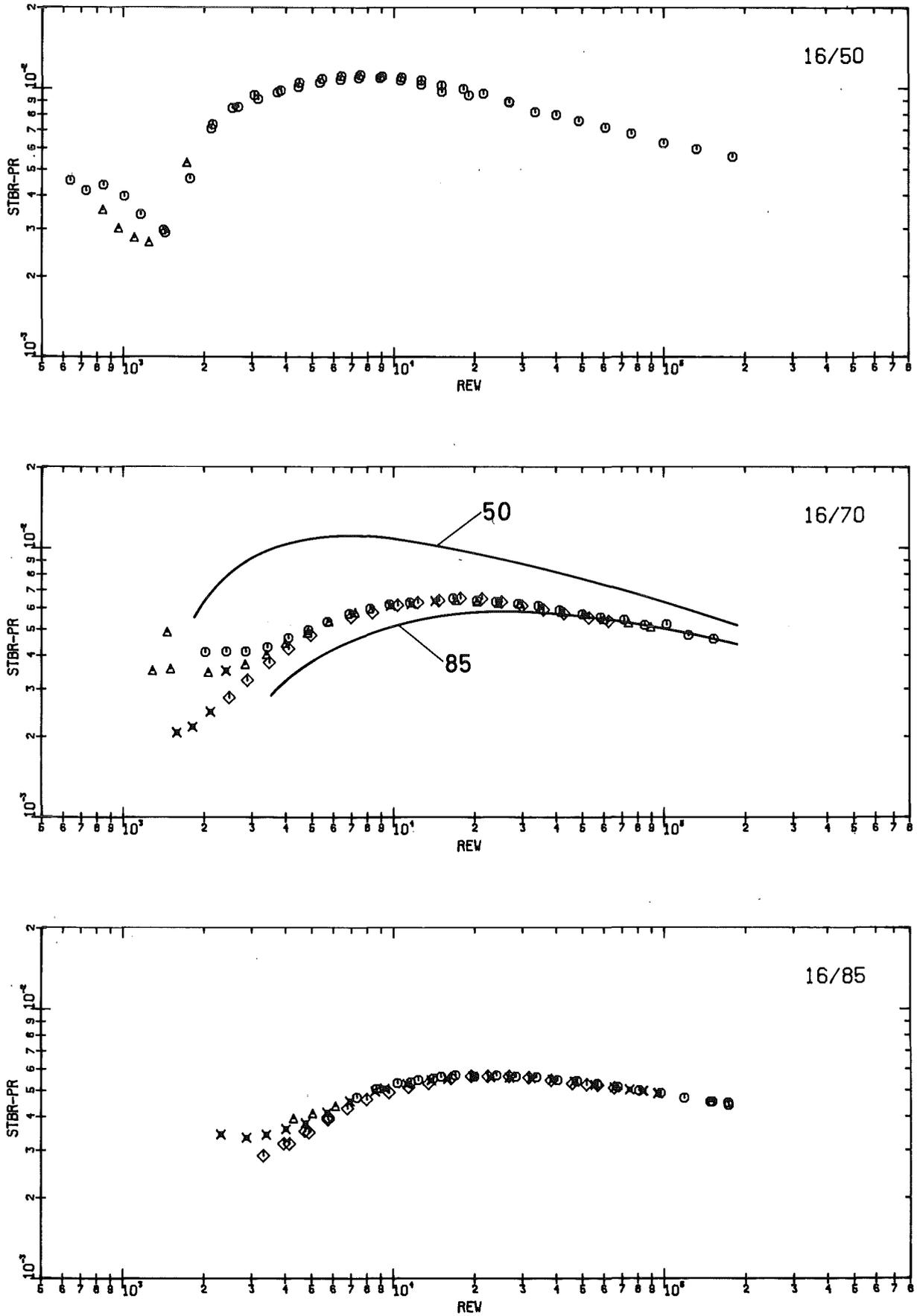


Fig.61: Stanton number reduced for the temperature and entrance effect by Eq. (24)

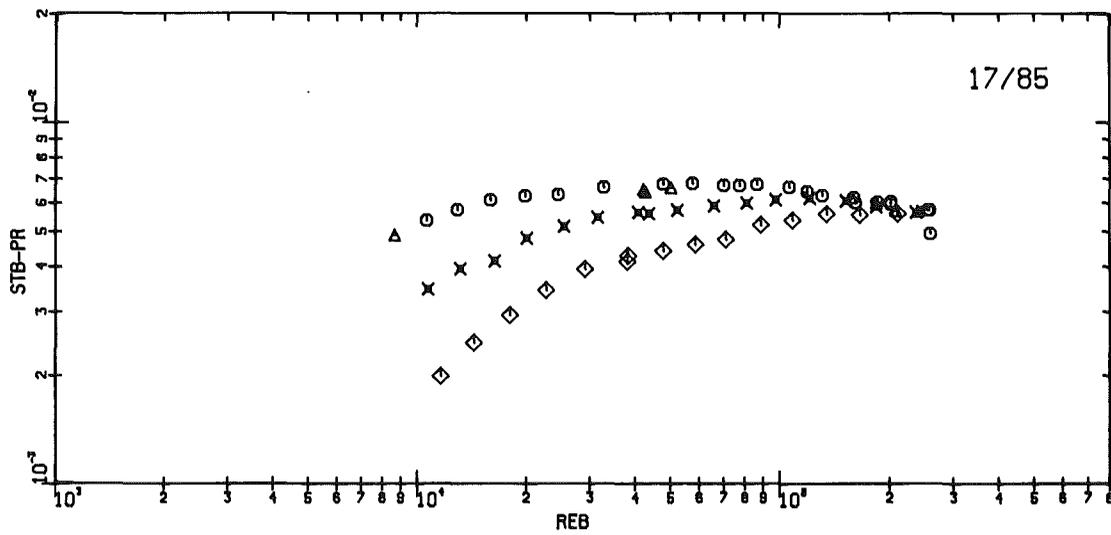
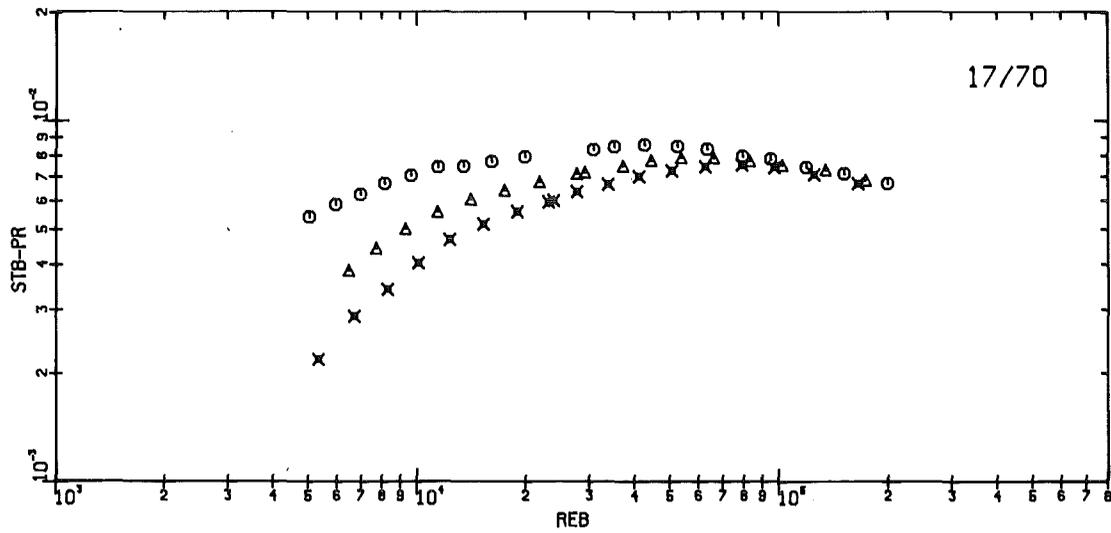
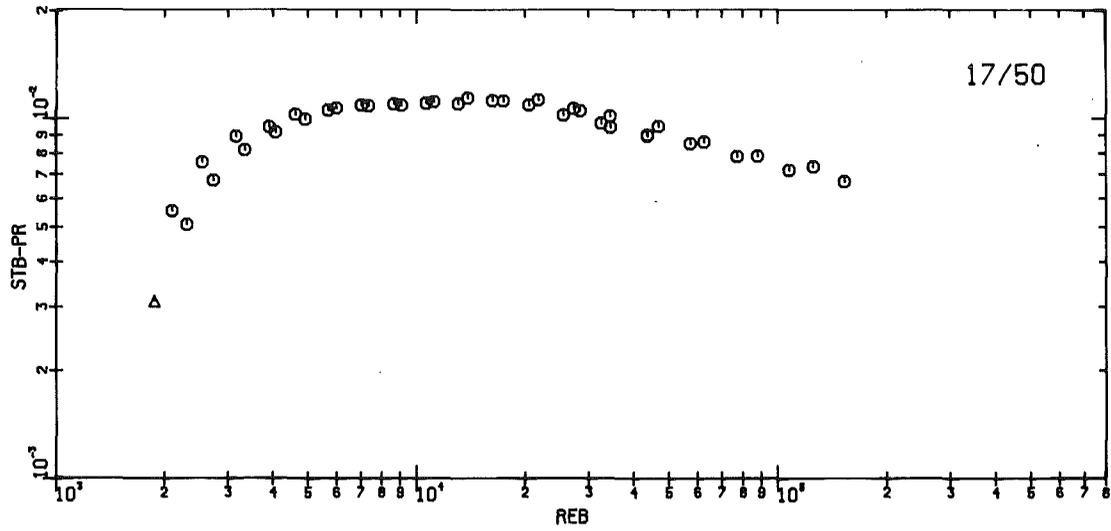


Fig.62: Stanton number ( $St_B Pr^{0.6}$ ) versus Reynolds number

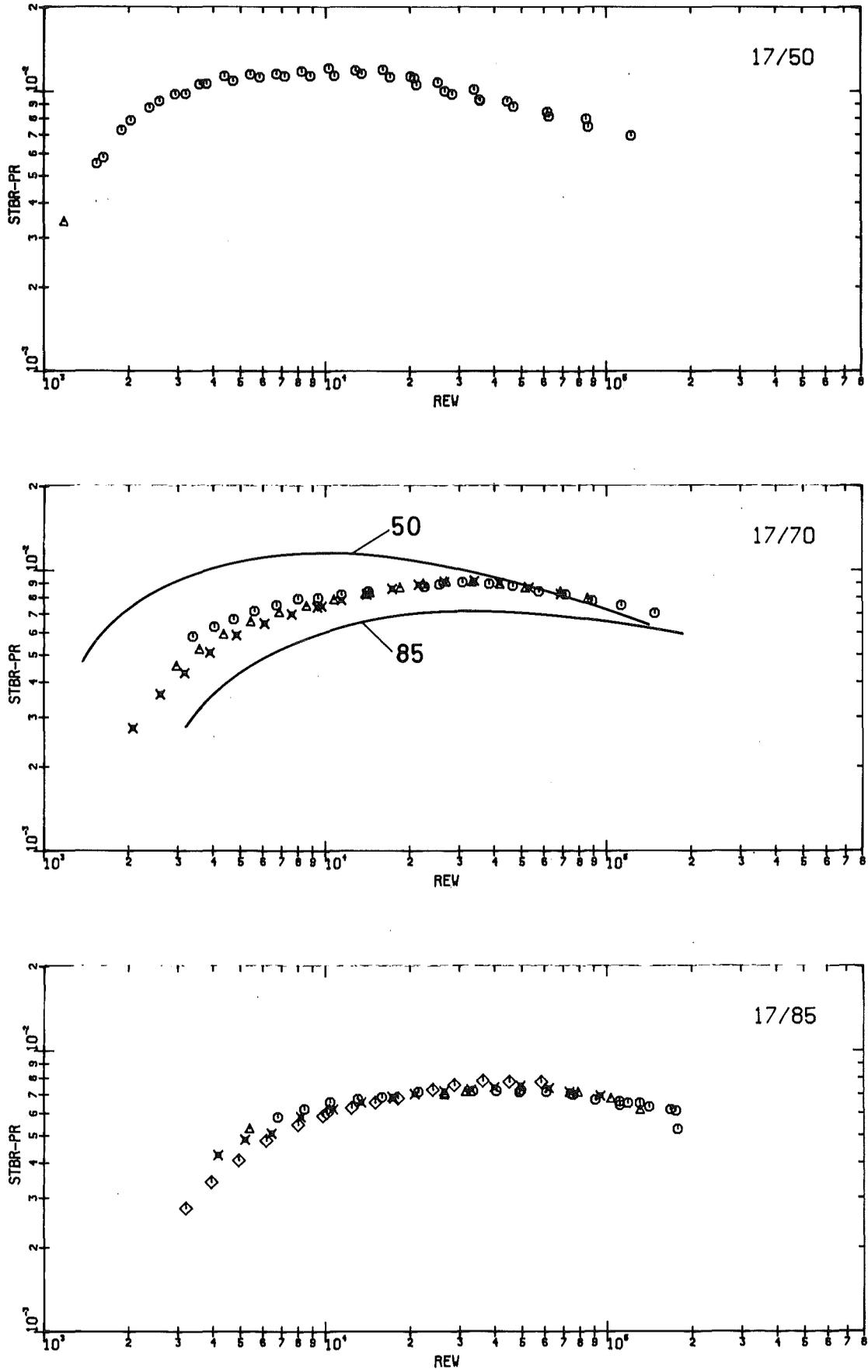


Fig.63: Stanton number reduced for the temperature and entrance effect by Eq. (24)

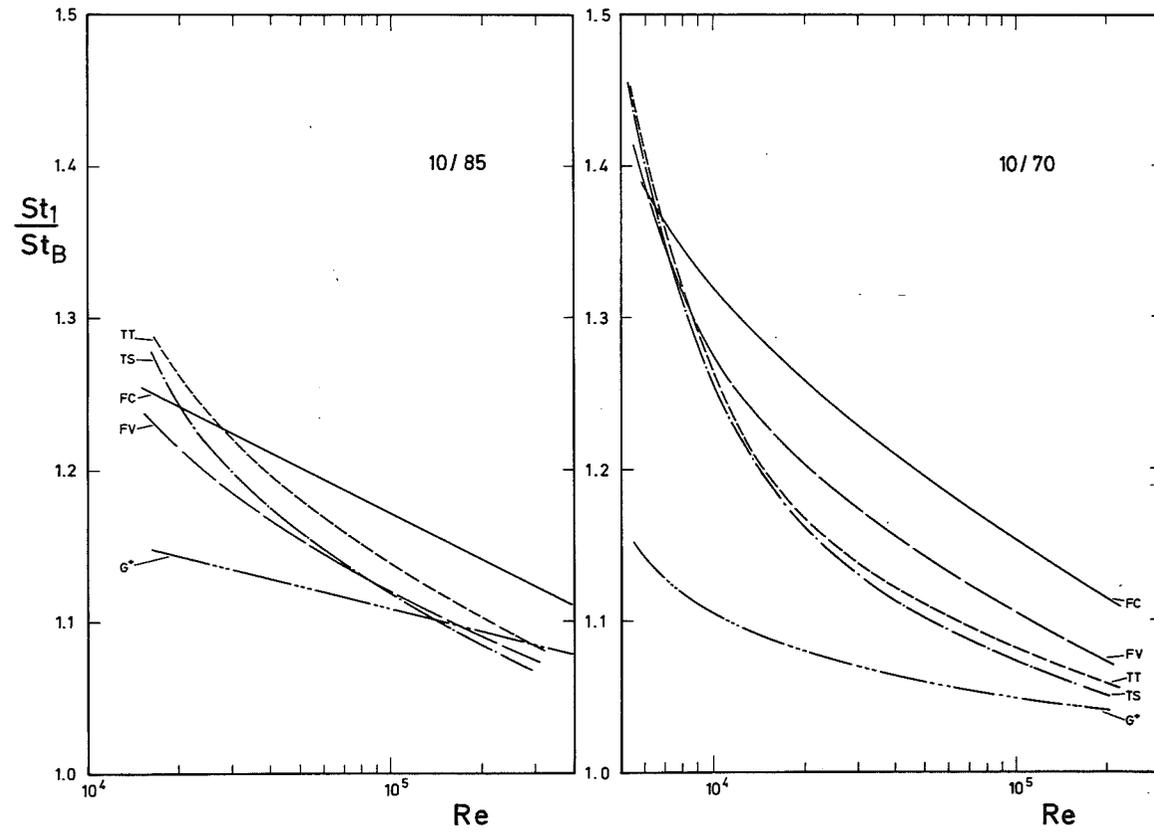


Fig.64: Ratio of transformed to bulk Stanton number for  $T_W/T_B \approx 1.3$

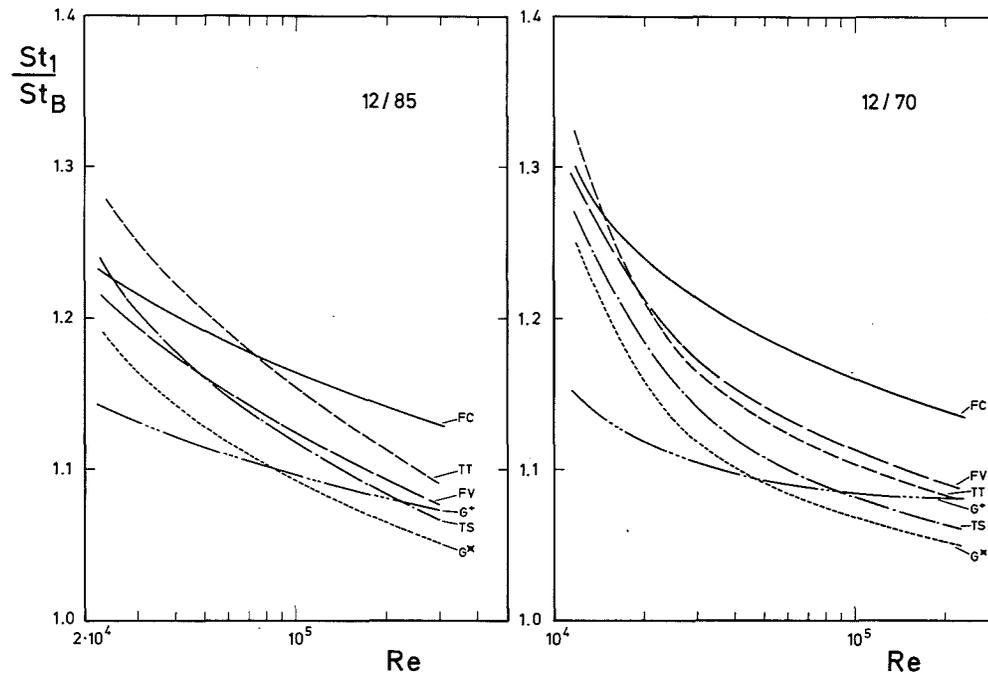


Fig.65: Ratio of transformed to bulk Stanton number for  $T_W/T_B \approx 1.3$

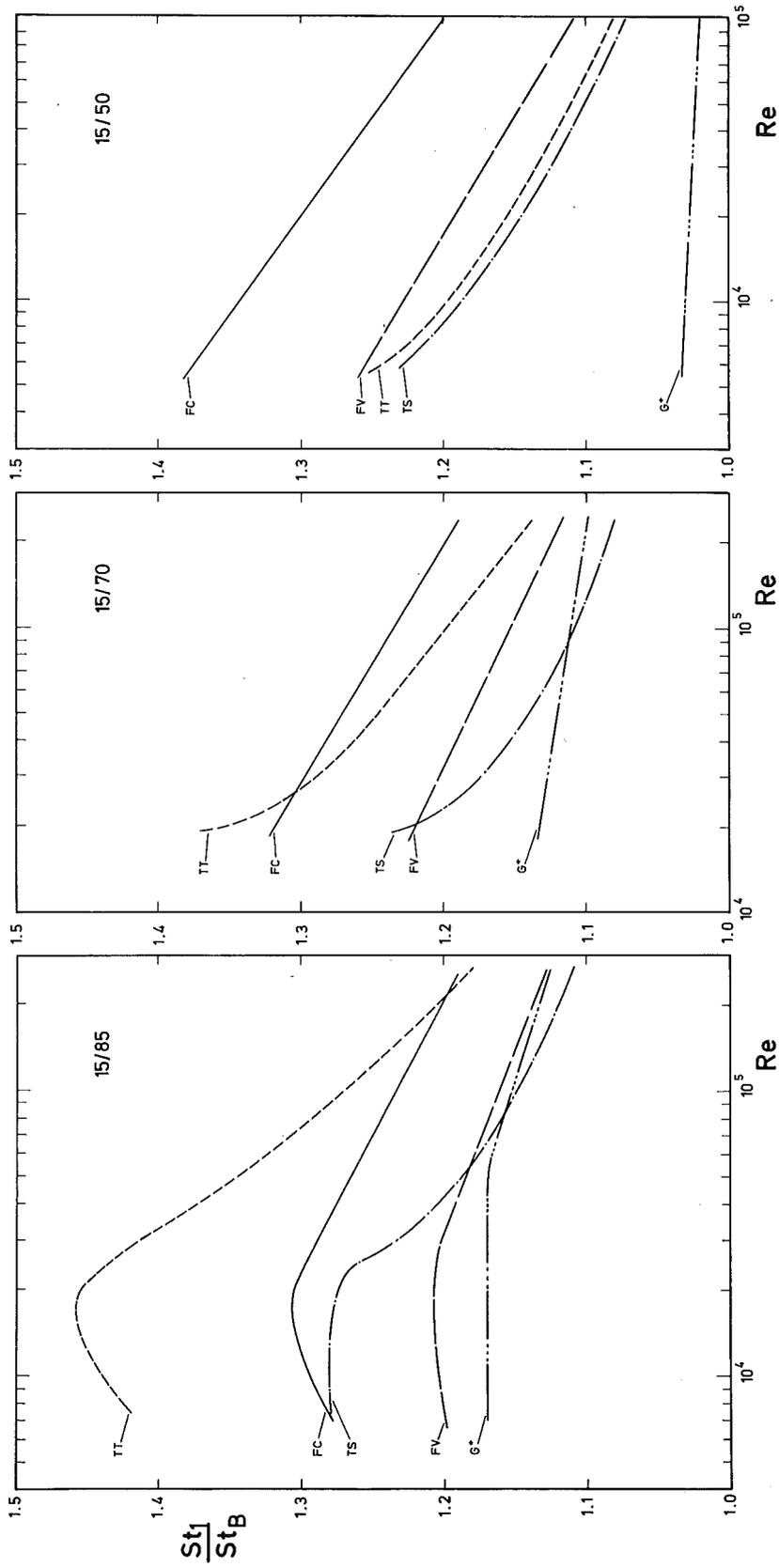


Fig.66: Ratio of transformed to bulk Stanton number for  $T_W/T_B \approx 1.3$

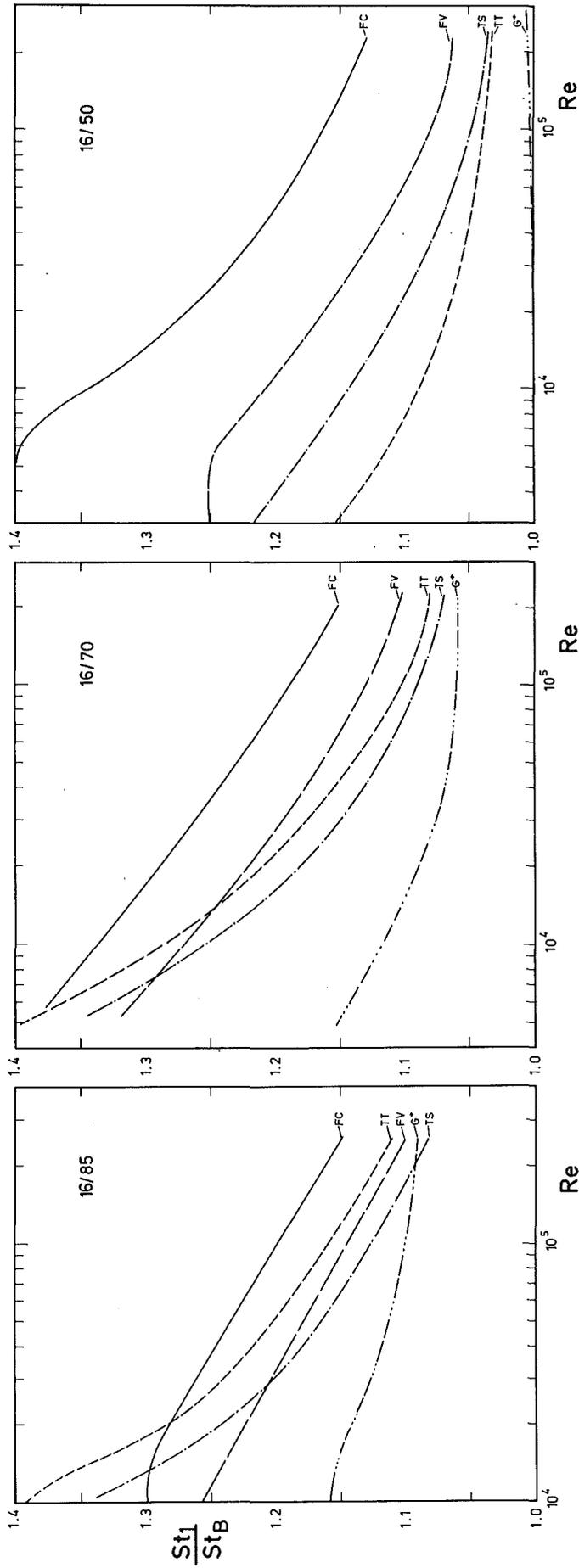


Fig.67: Ratio of transformed to bulk Stanton number for  $T_W/T_B \approx 1.3$

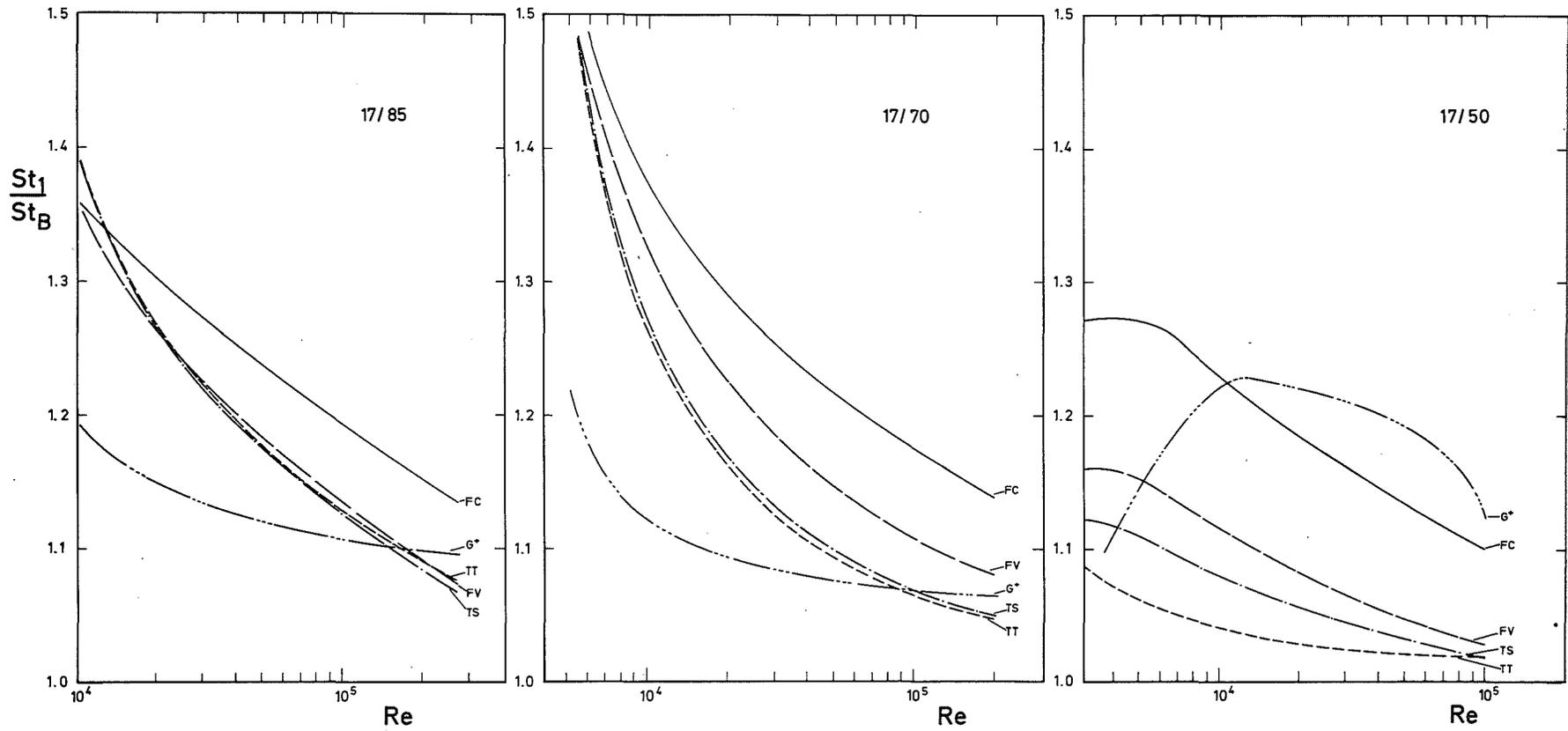


Fig.68: Ratio of transformed to bulk Stanton number for  $T_W/T_B \approx 1.3$

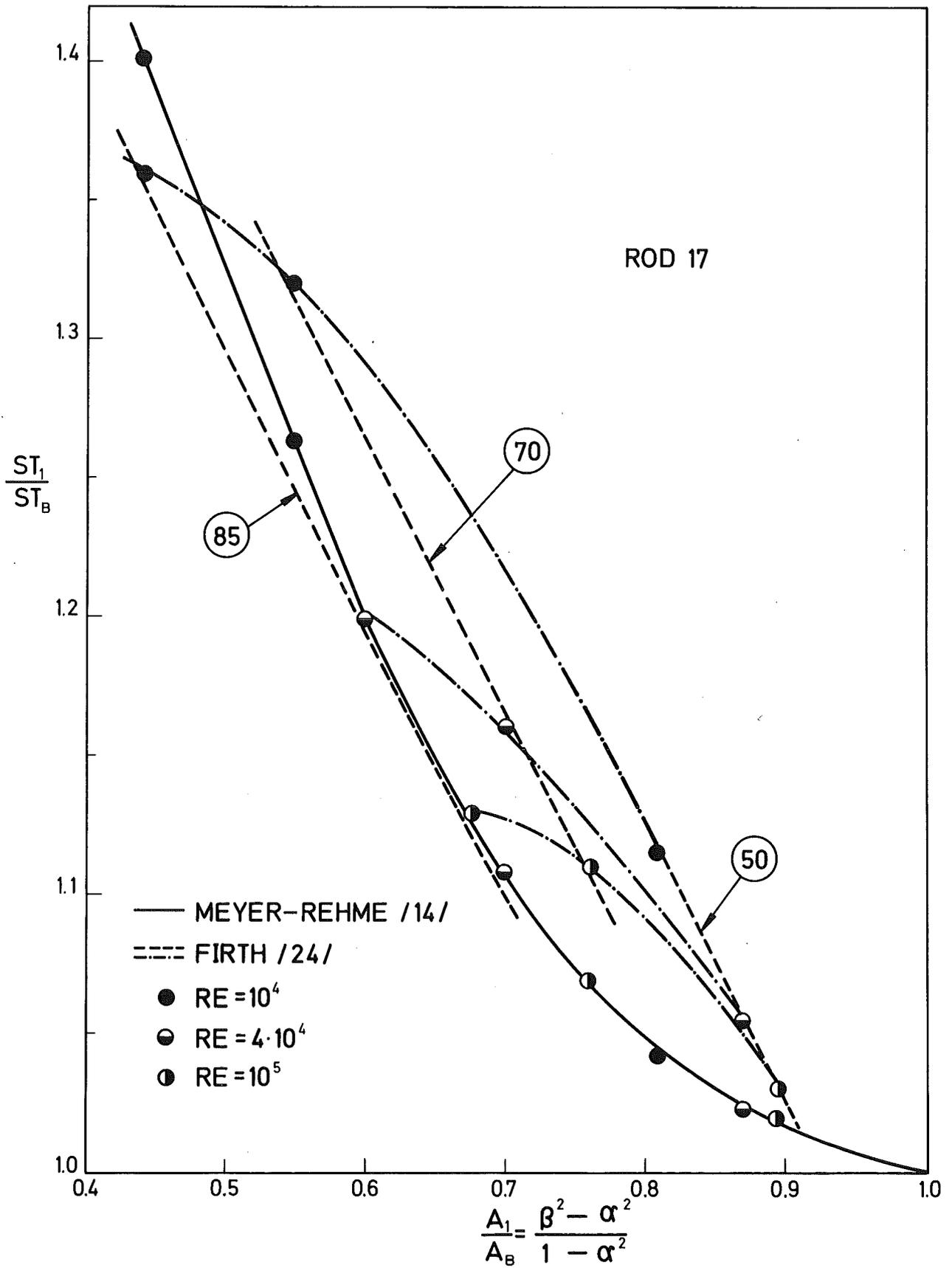


Fig.69: Ratio of transformed to bulk Stanton number versus ratio, of transformed to bulk cross section

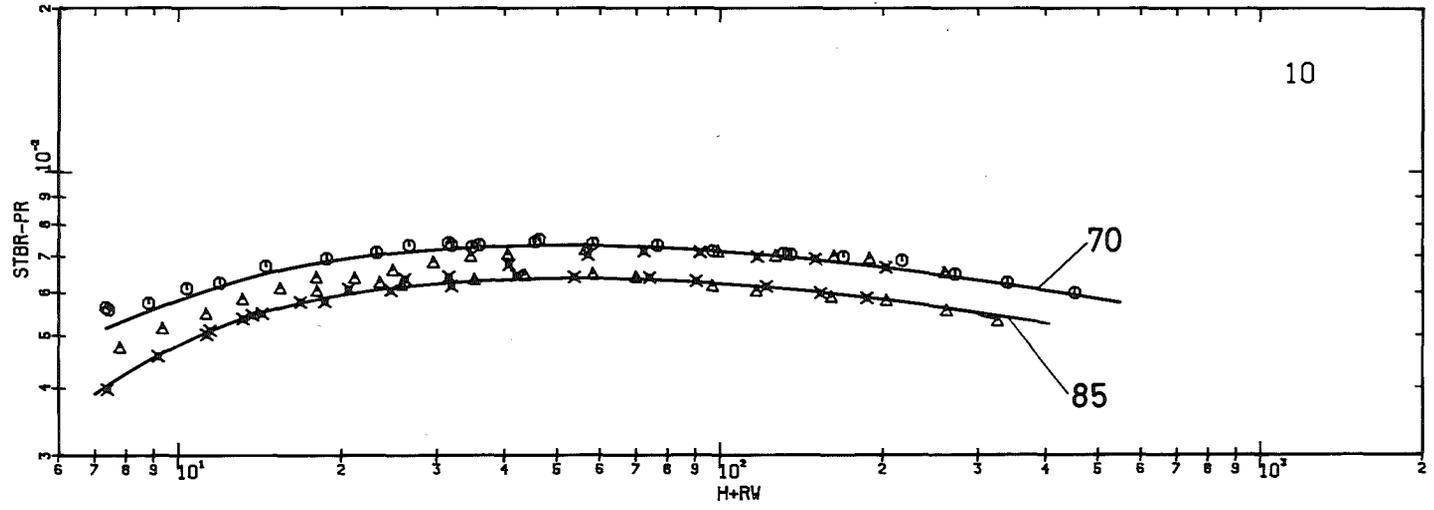
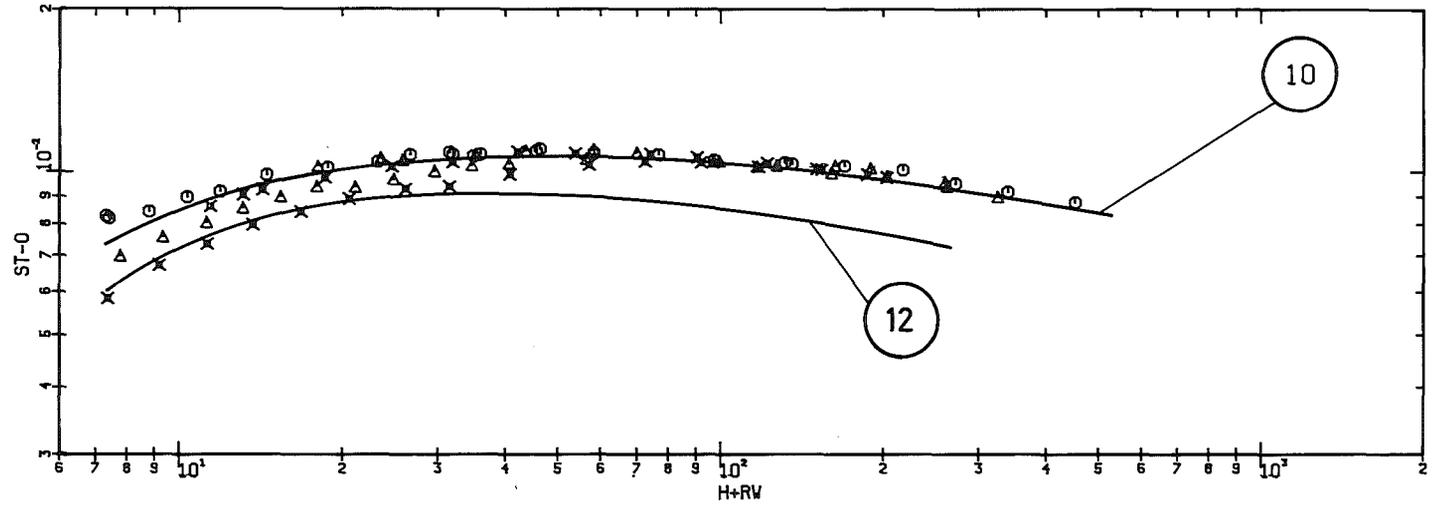


Fig.70: The reduced bulk Stanton number and the transformed Stanton number  $St_0$  (Eq. 42)

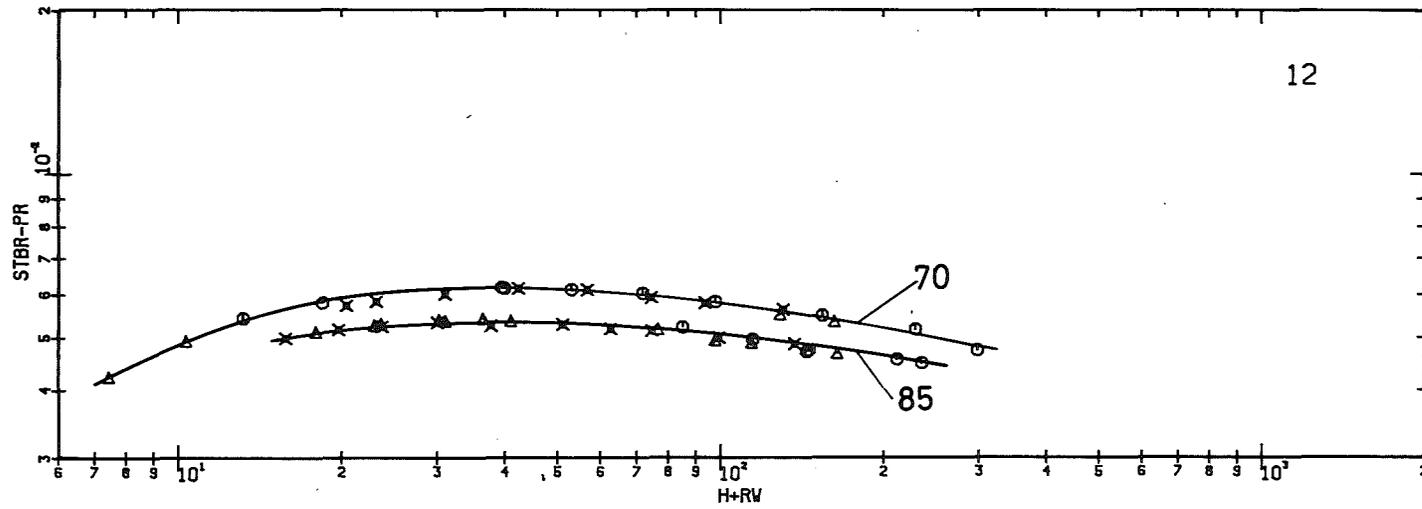
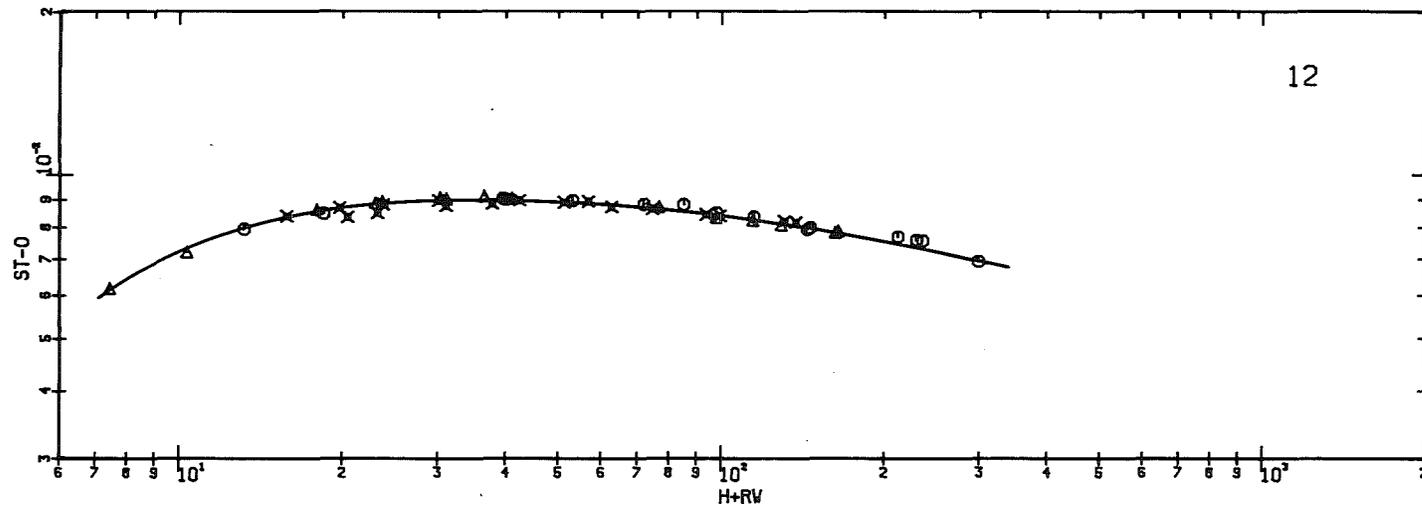


Fig.71: The reduced bulk Stanton number and the transformed Stanton number  $St_o$  (Eq.42)

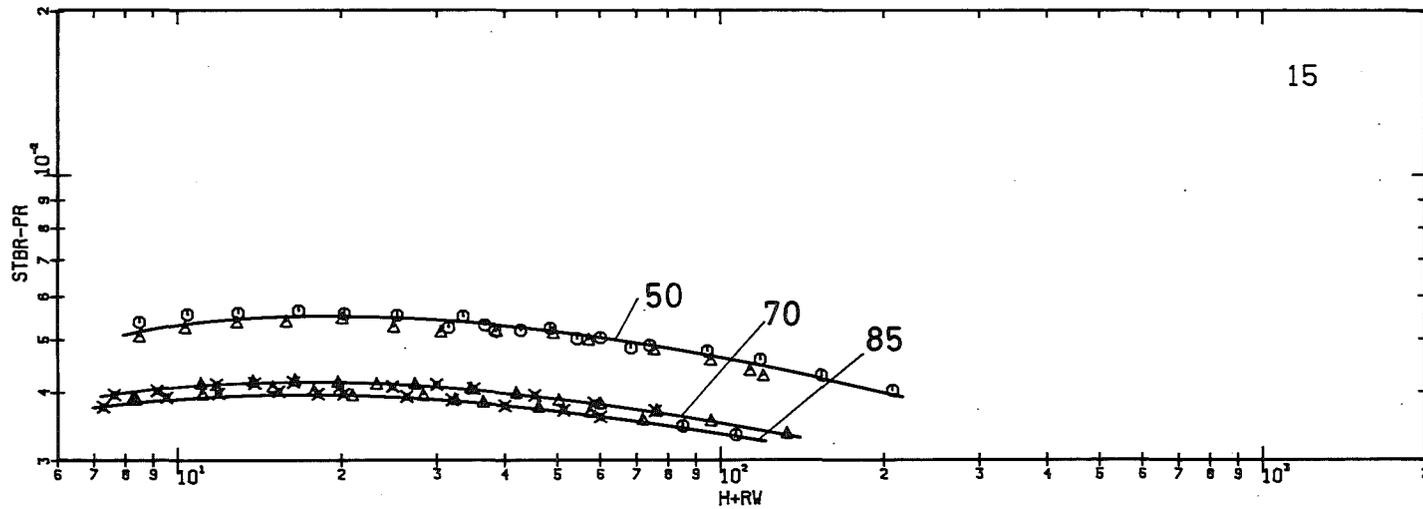
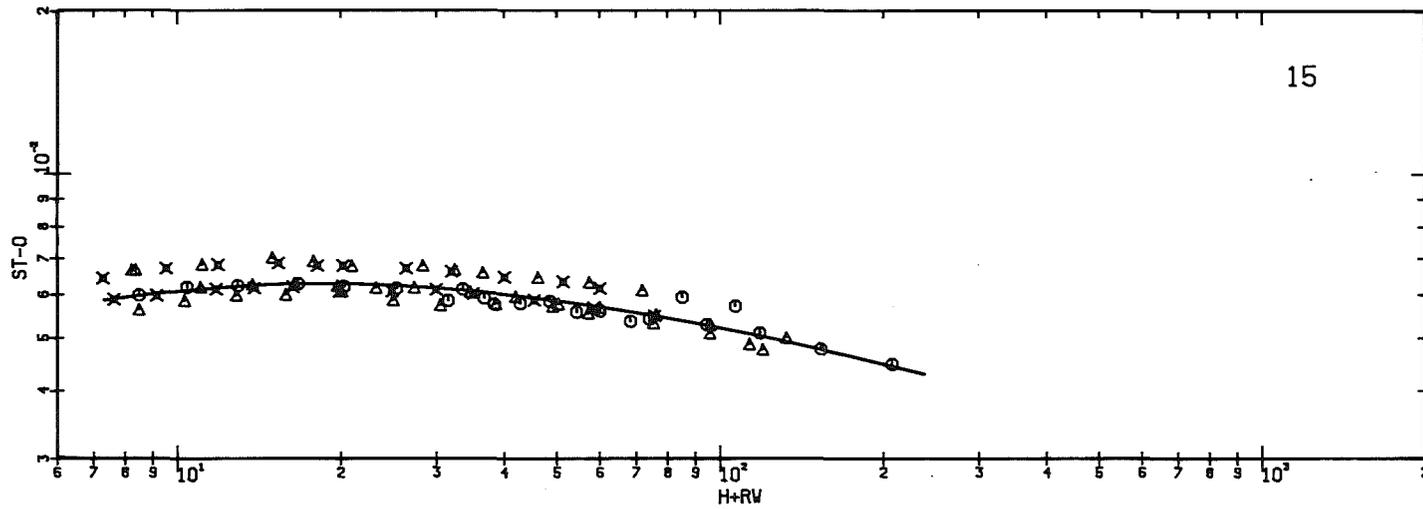


Fig.72: The reduced bulk Stanton number and the transformed Stanton number  $St_0$  (Eq.42)

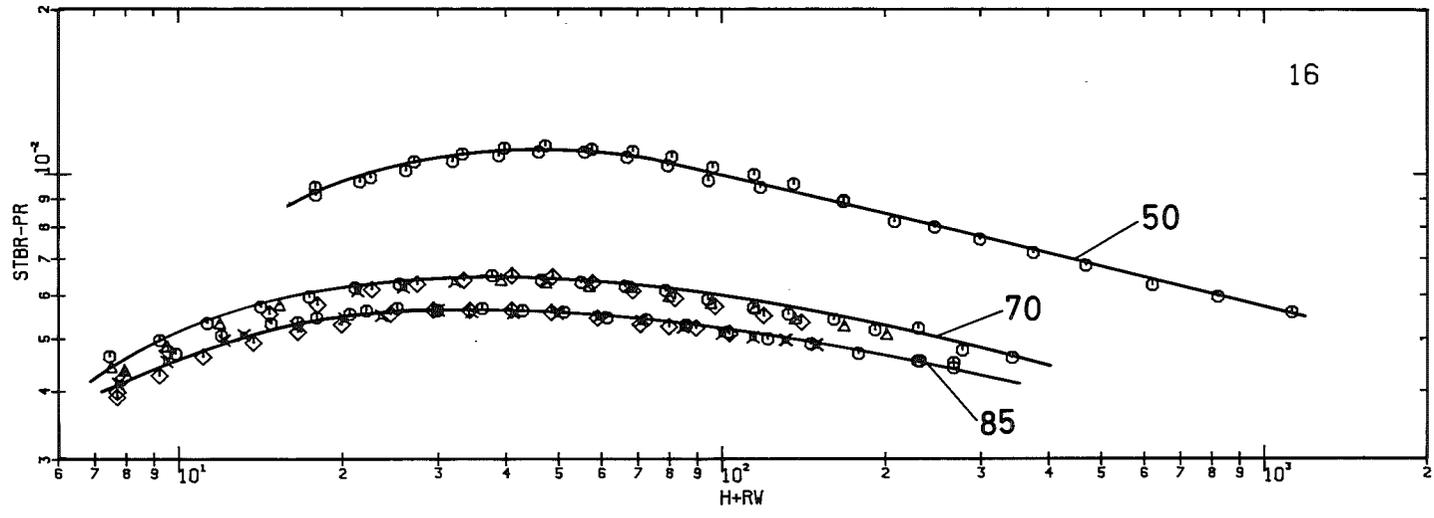
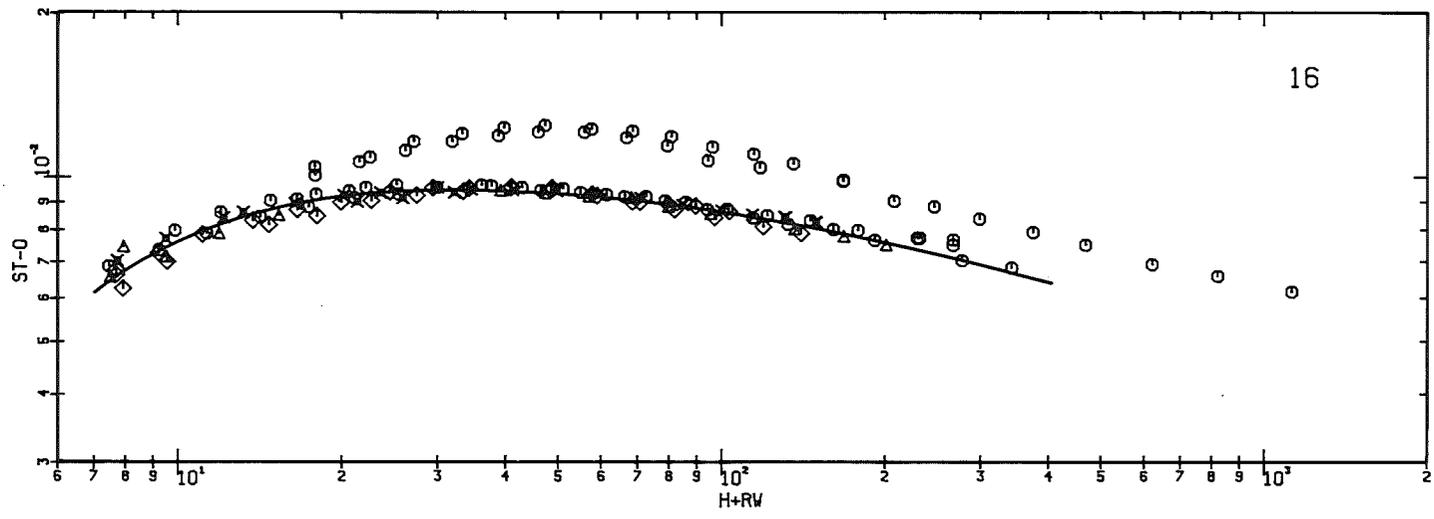


Fig.73: The reduced bulk Stanton number and the transformed Stanton number  $St_0$  (Eq.42)

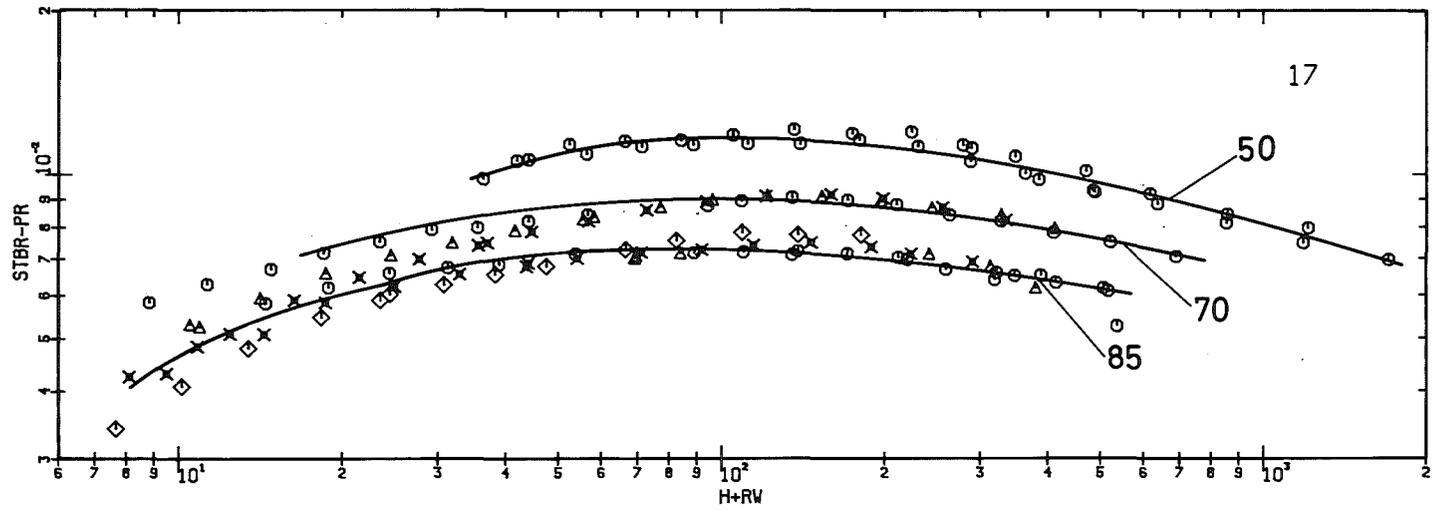
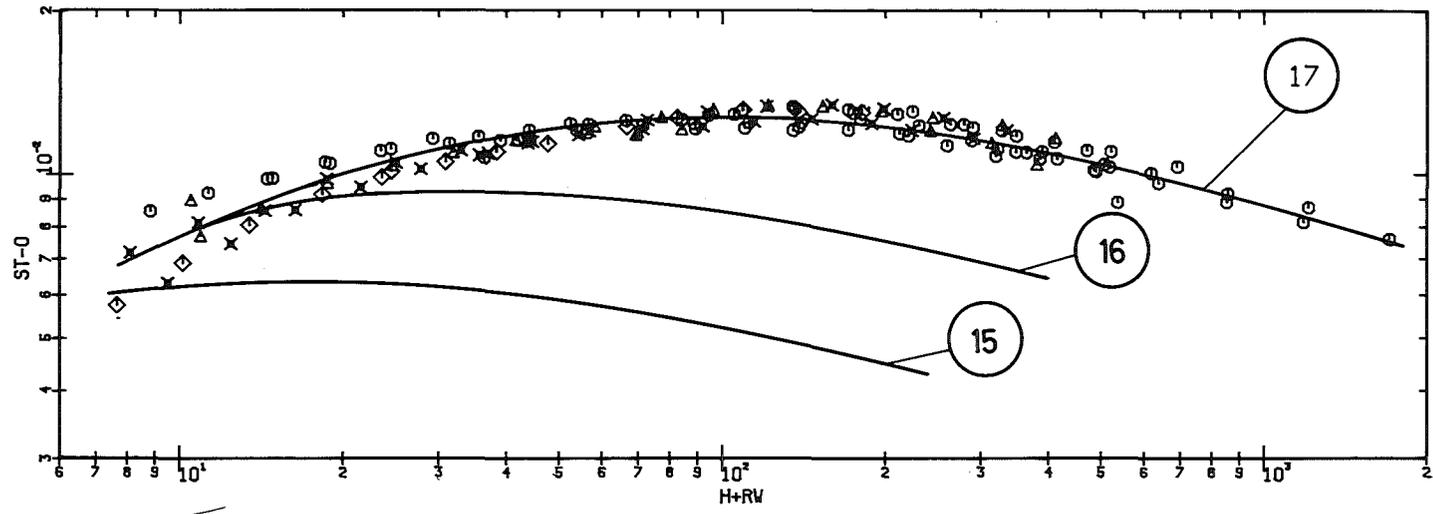


Fig.74: The reduced bulk Stanton number and the transformed Stanton number  $St_0$  (Eq.42)

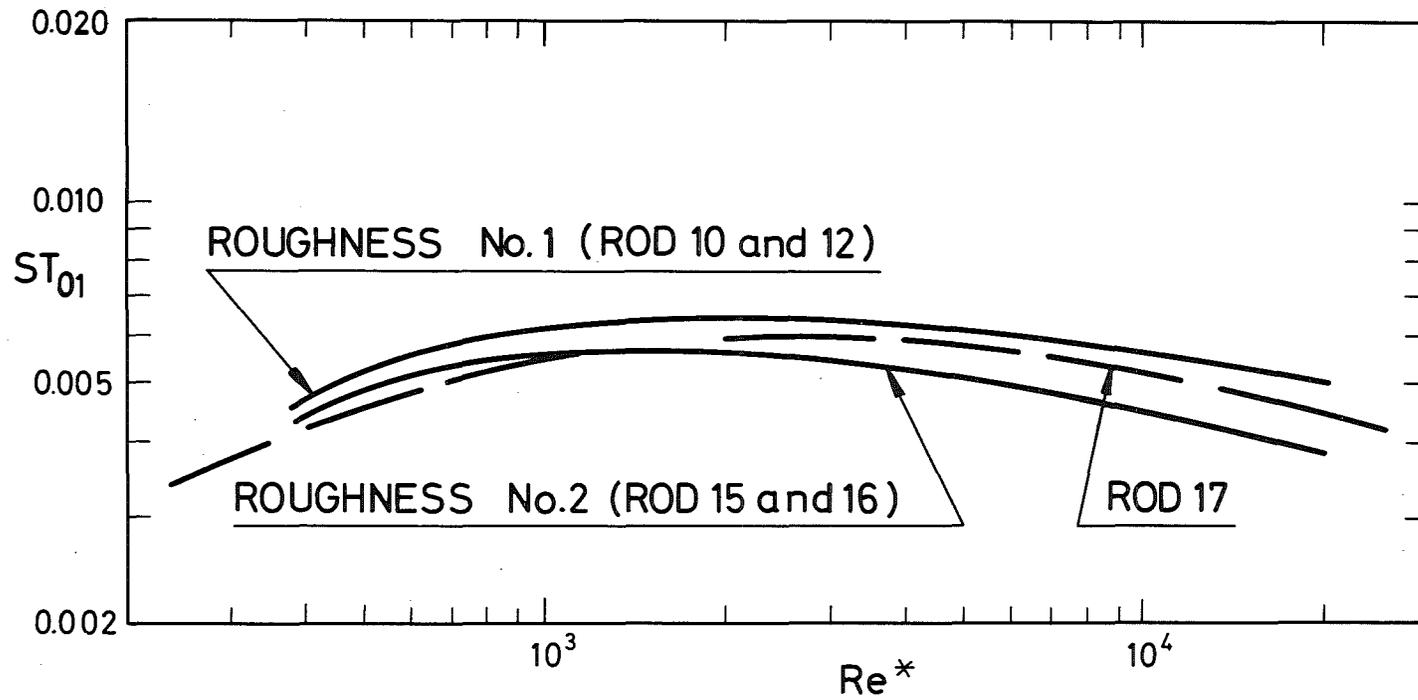
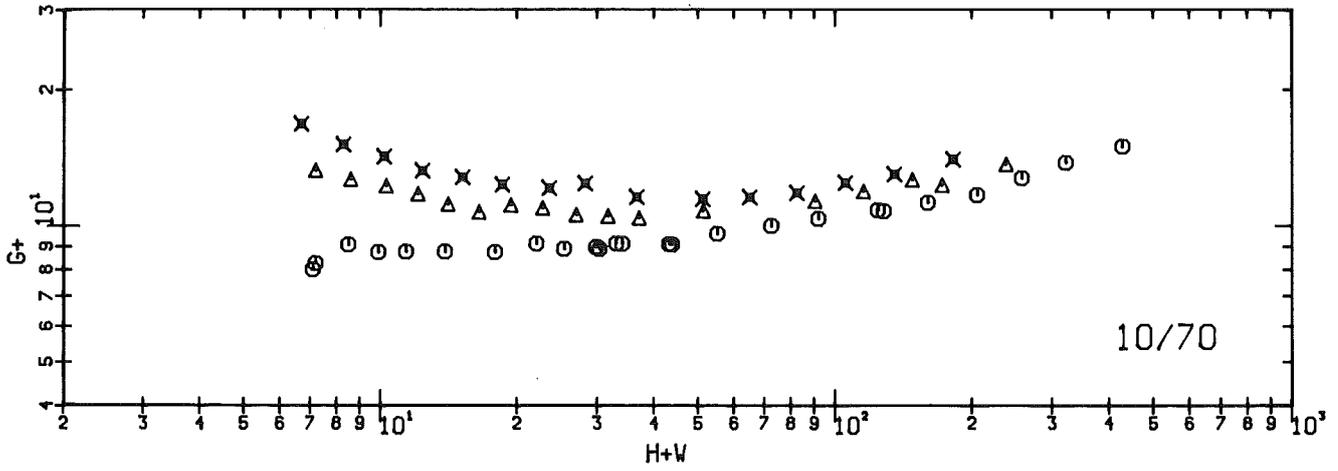


Fig.75: Stanton number transformed to a ratio  $h/d=0.01$  by Eq.(42) and (45) versus a wall Reynolds number



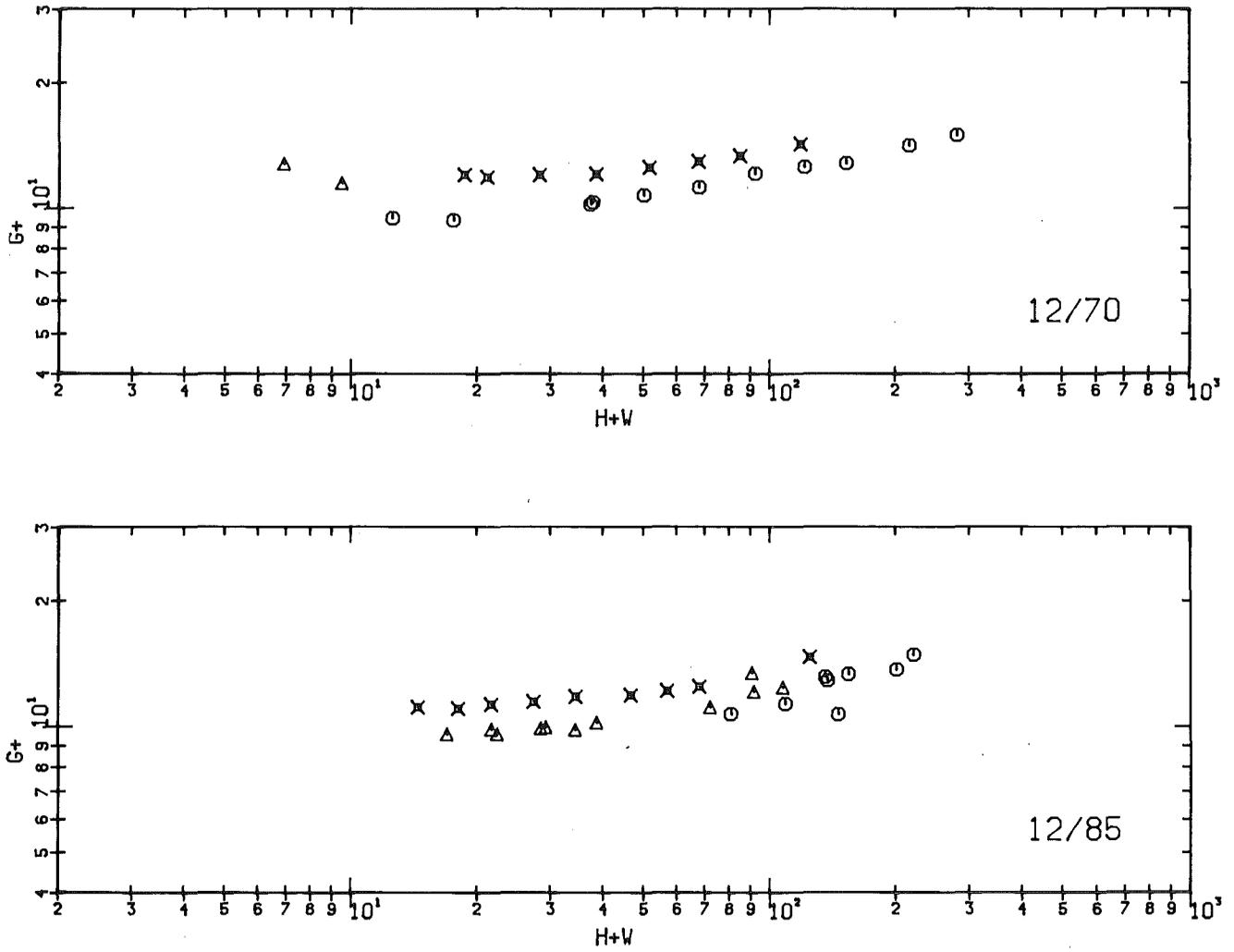


Fig.77: Roughness parameter  $G^+$  evaluated by Eq.(30) with  $A_r=2.5$

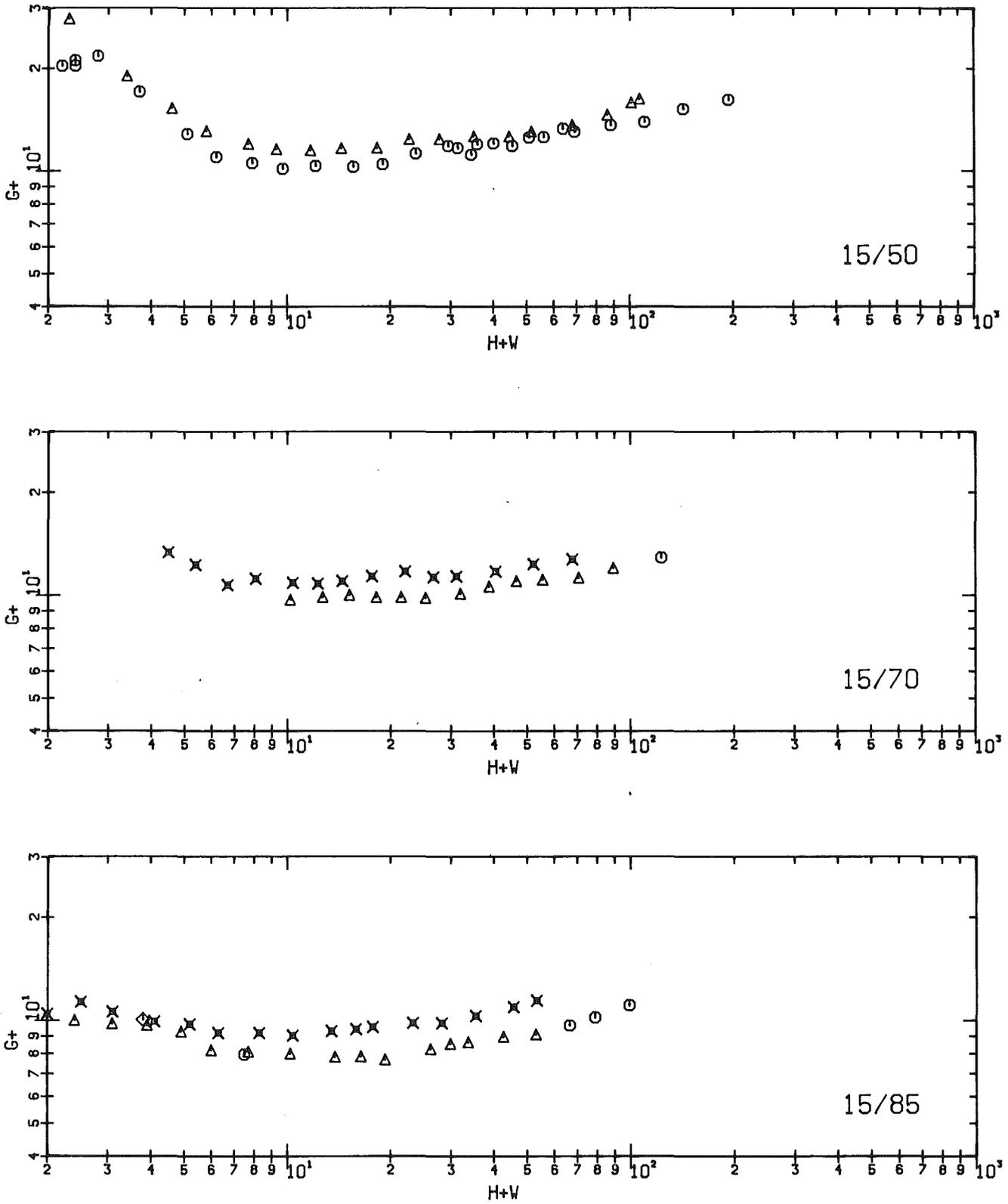


Fig.78: Roughness parameter  $G^+$  evaluated by Eq.(30) with  $A_r=2.5$

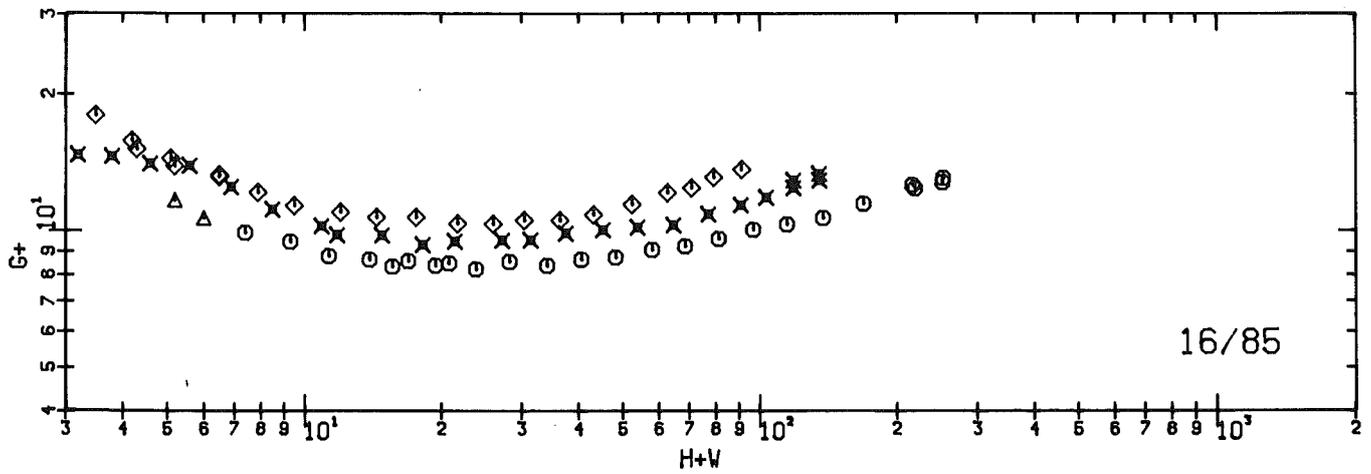
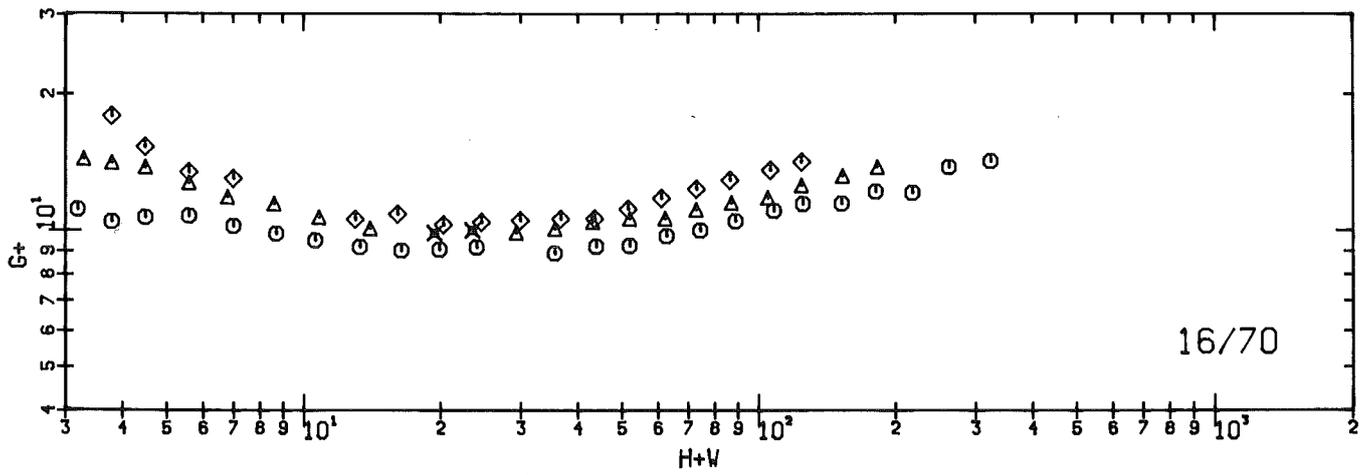
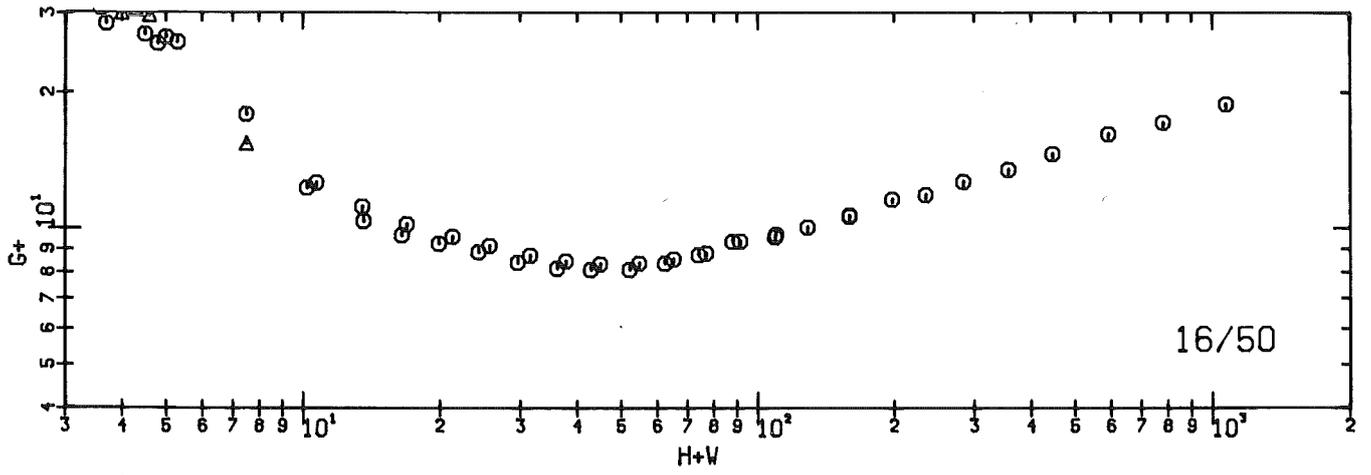


Fig.79: Roughness parameter  $G^+$  evaluated by Eq.(30) with  $A_r=2.5$

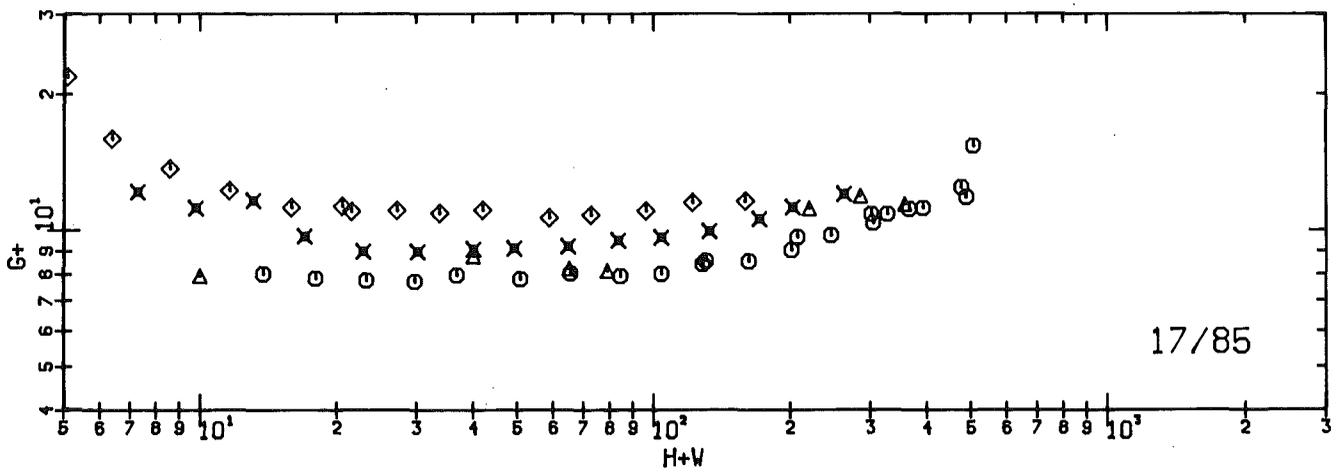
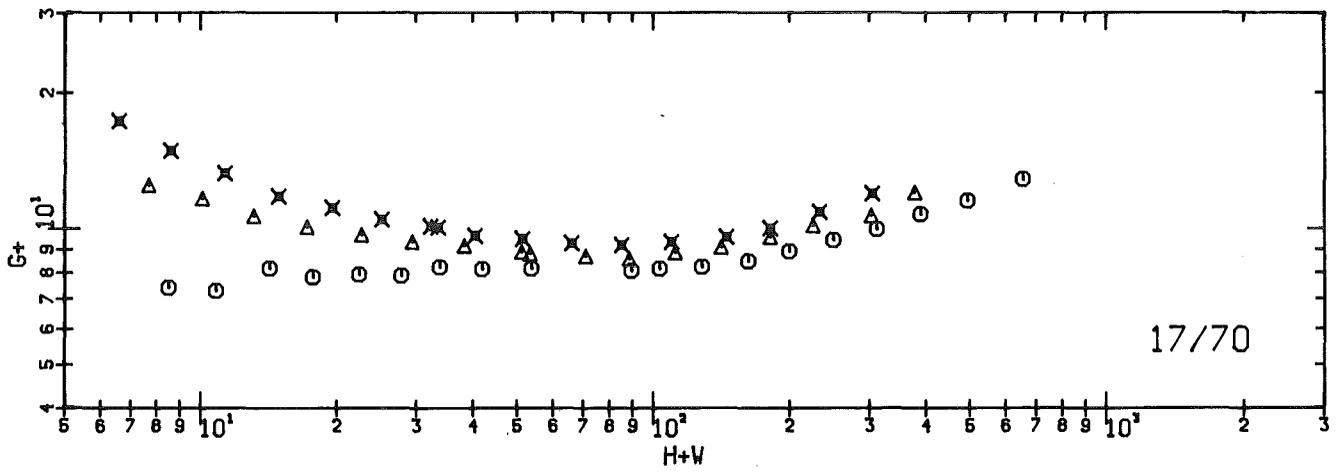
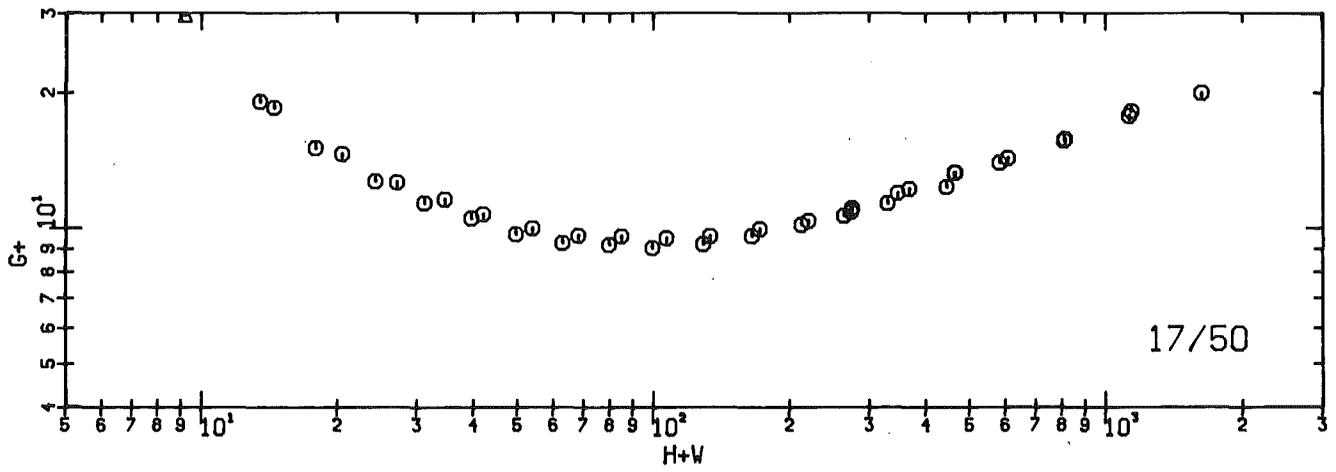


Fig.80: Roughness parameter  $G^+$  evaluated by Eq.(30) with  $A_r=2.5$

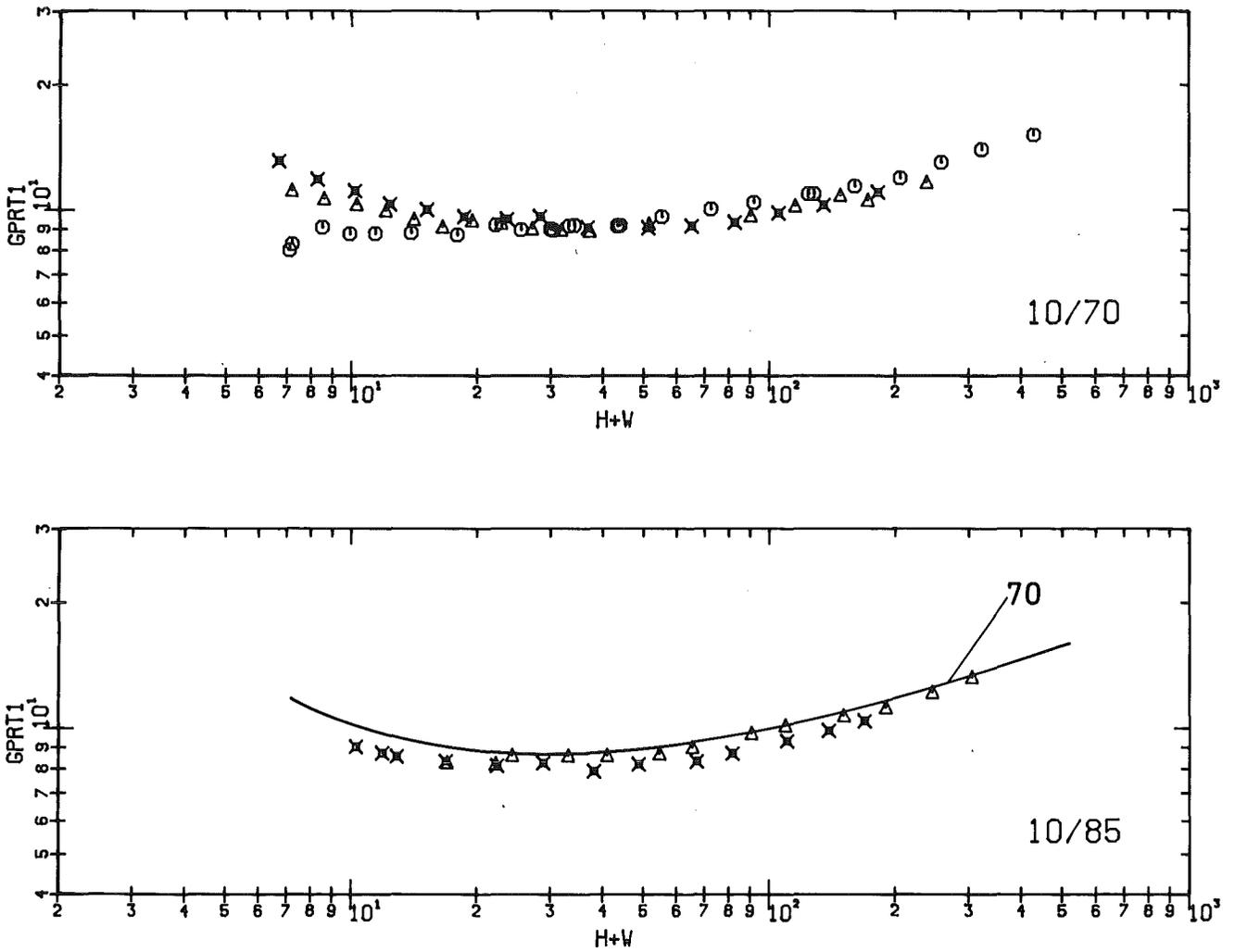


Fig.81: Roughness parameter  $G^+$  reduced by Eq. (49)



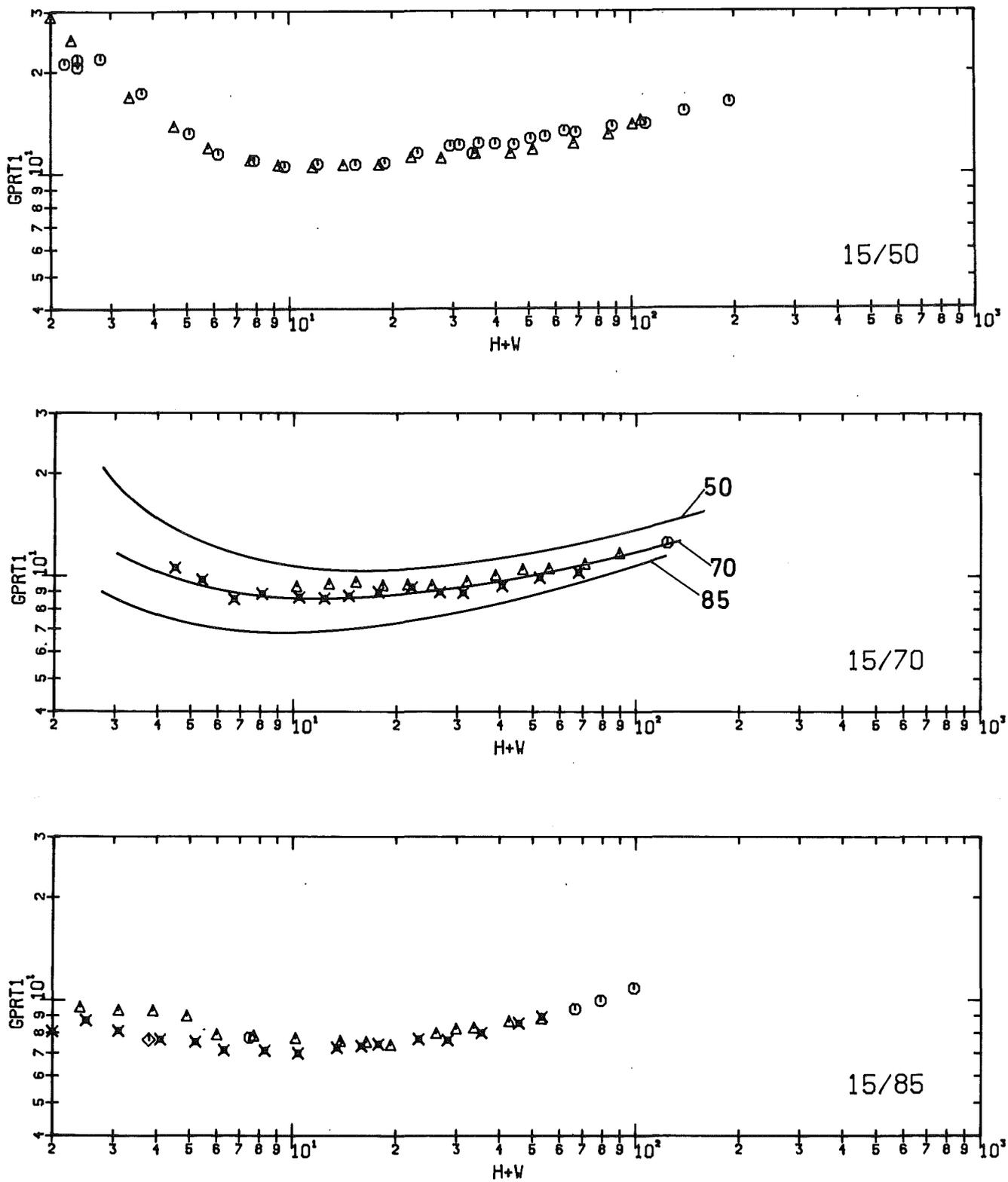


Fig.83: Roughness parameter  $G^+$  reduced by Eq.(49)

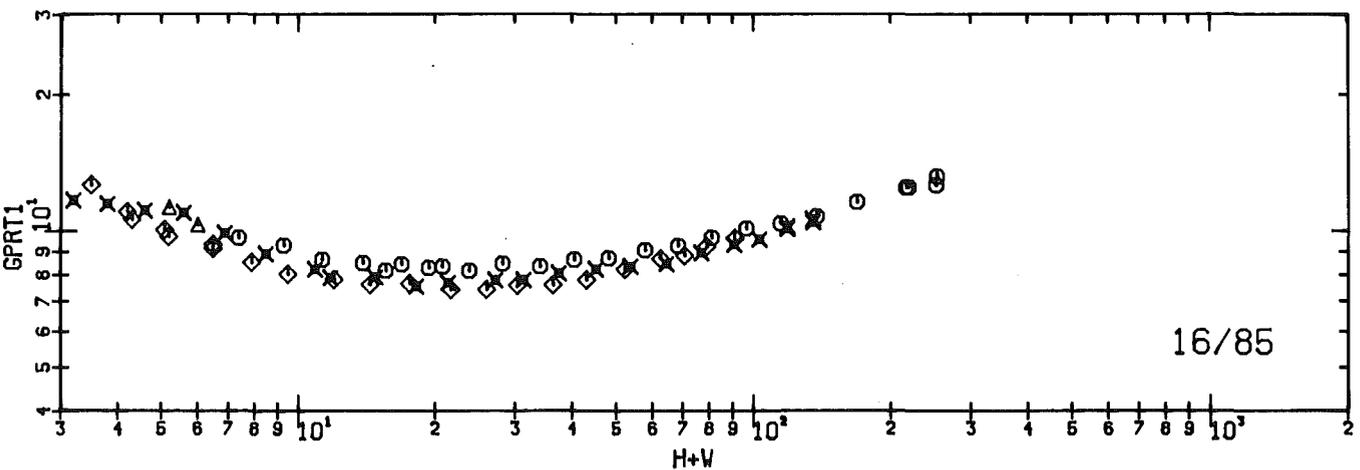
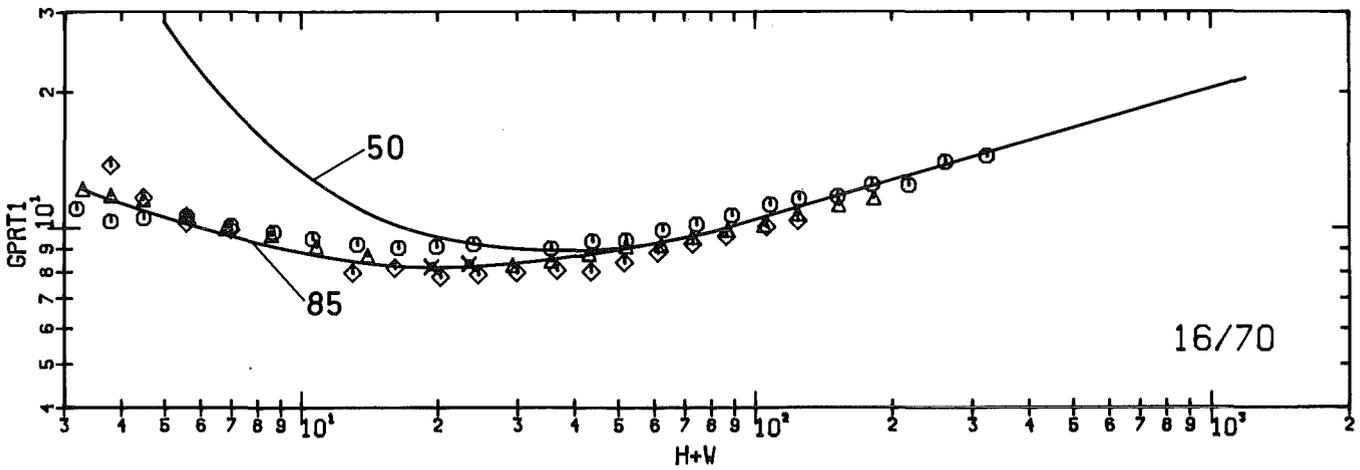
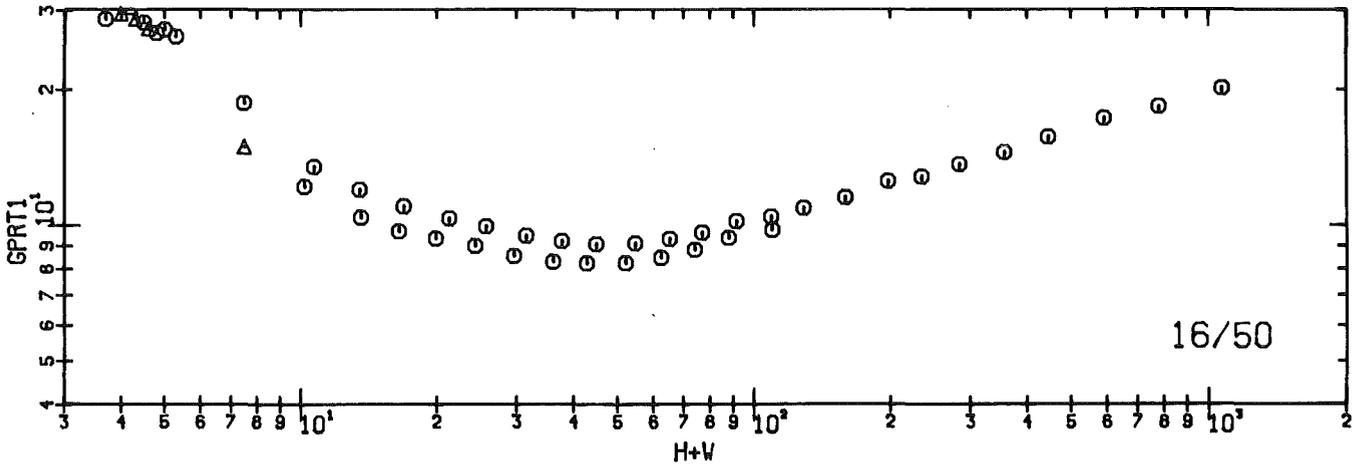


Fig.84: Roughness parameter  $G^+$  reduced by Eq.(49)

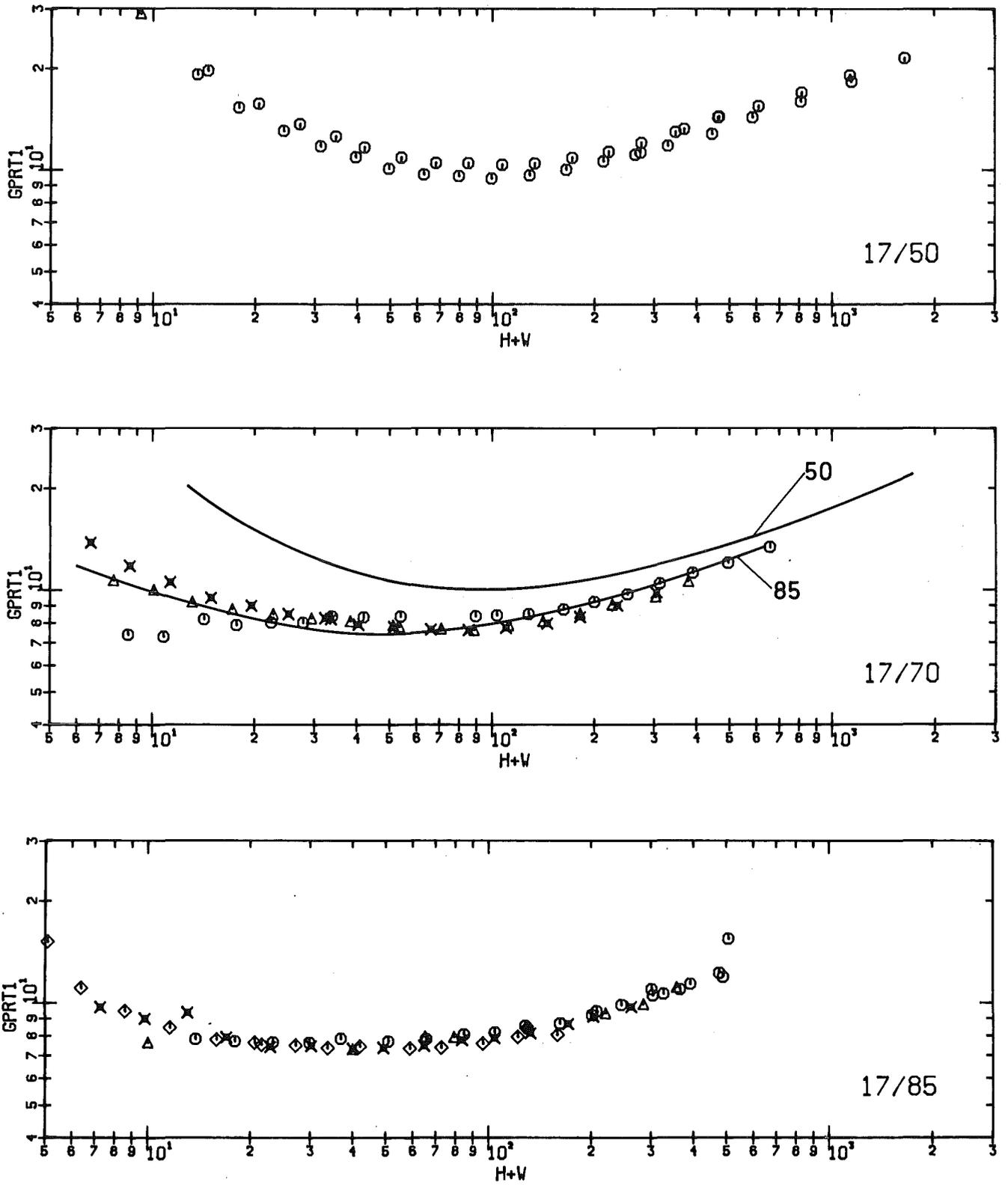


Fig.85: Roughness parameter  $G^+$  reduced by Eq. (49)

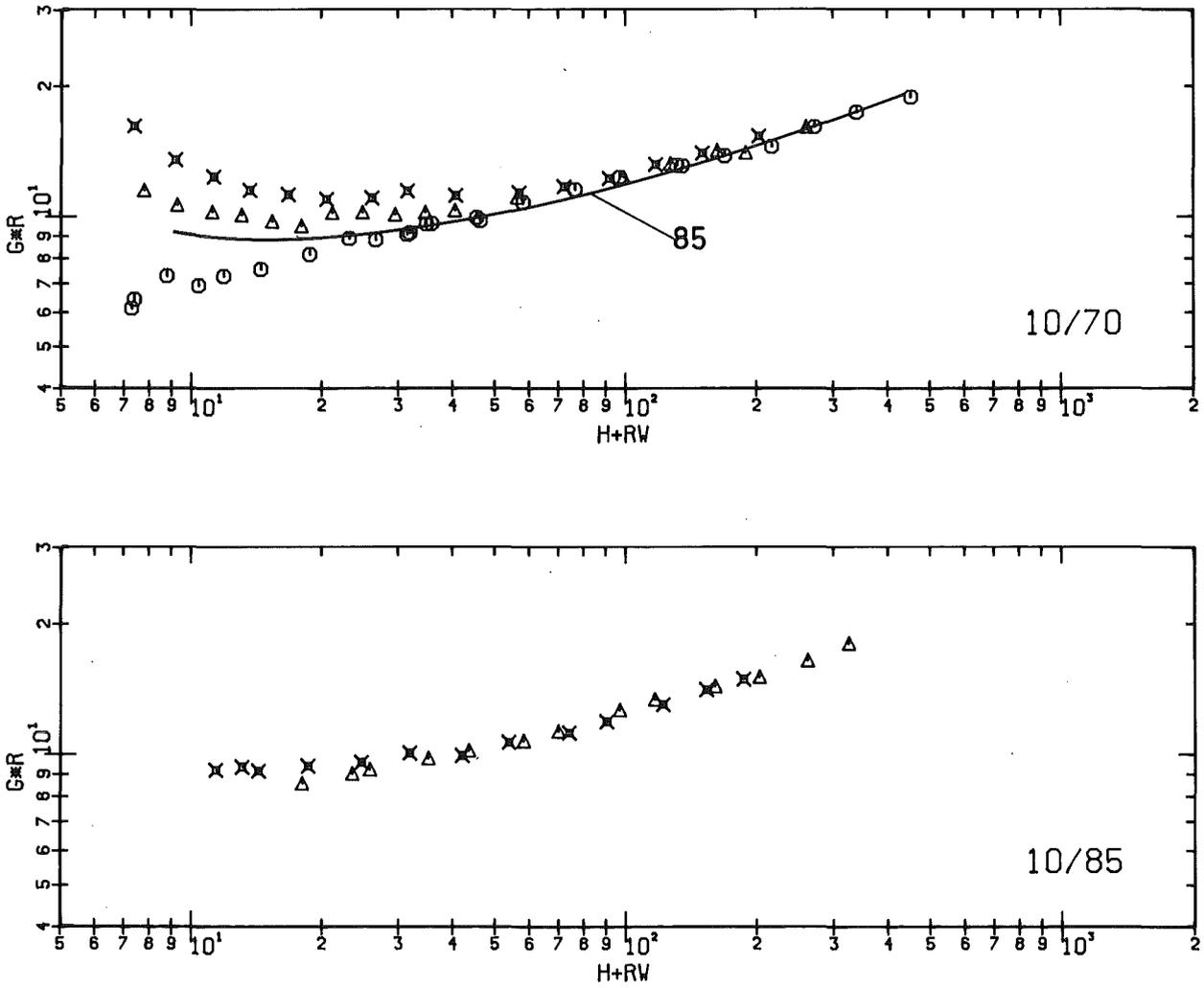


Fig.86: Roughness parameter  $G^*$  evaluated by Eq.(50) with variable  $A_r$  and  $A_H$

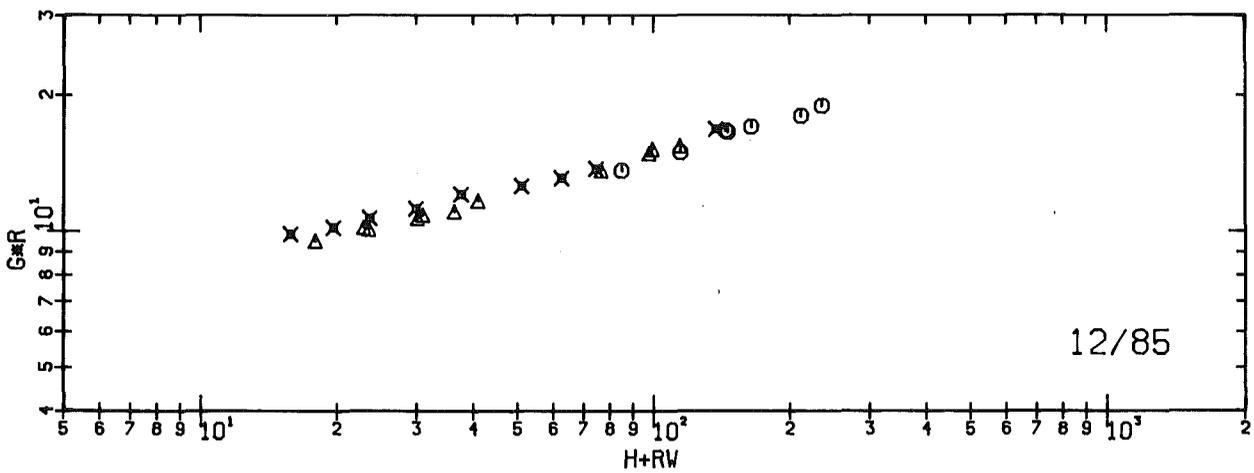
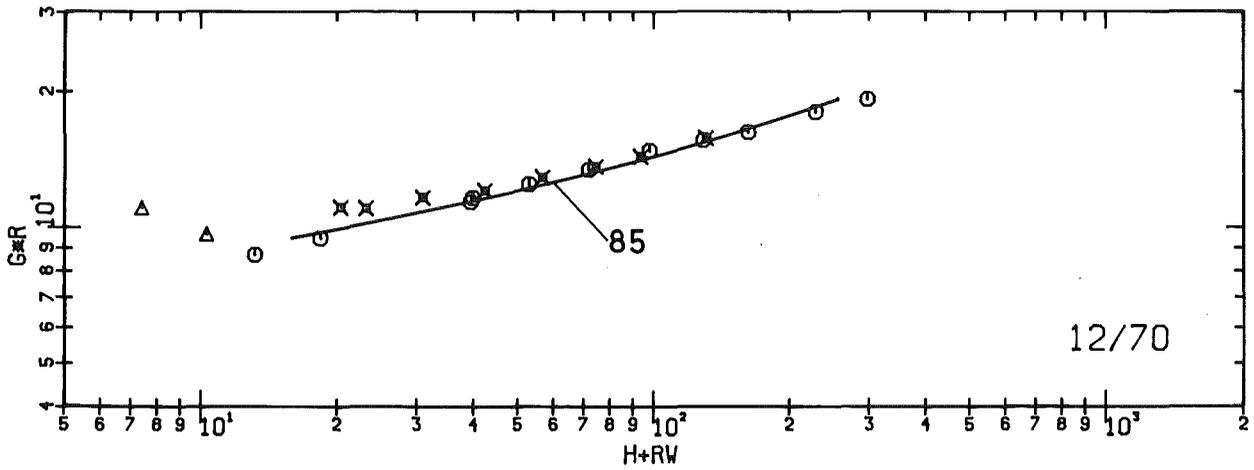


Fig.87: Roughness parameter  $G^*$  evaluated by Eq.(50) with variable  $A_r$  and  $A_H$

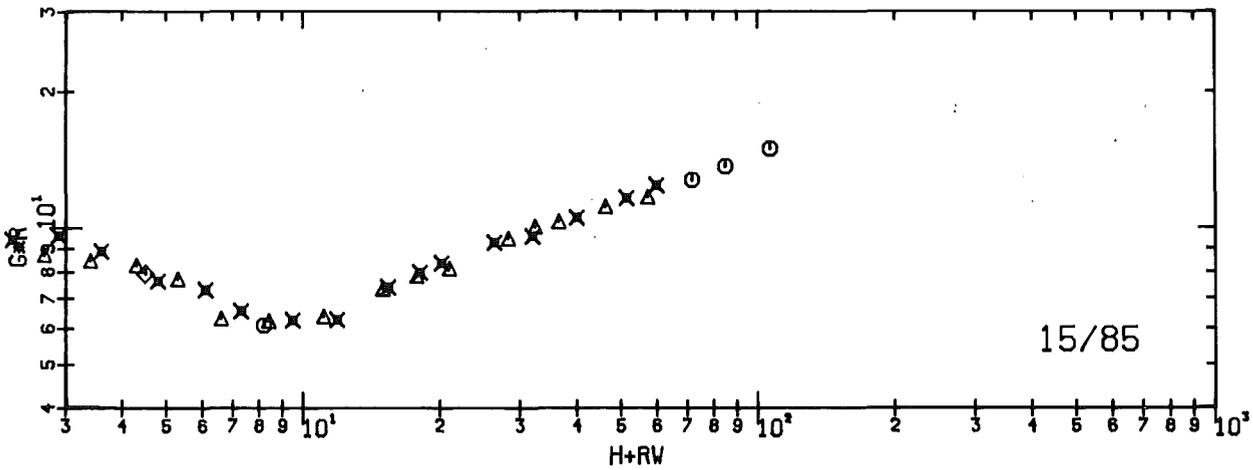
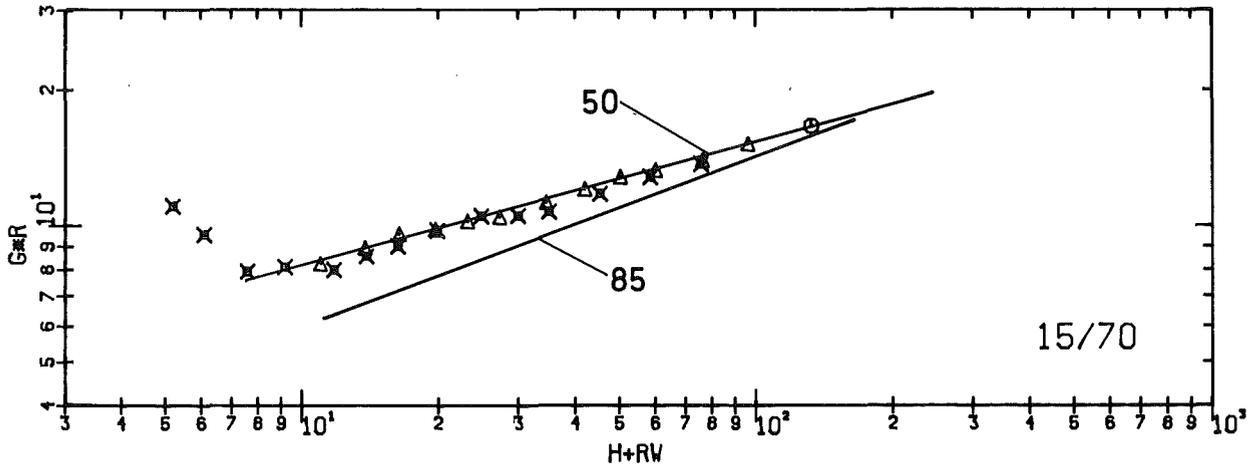
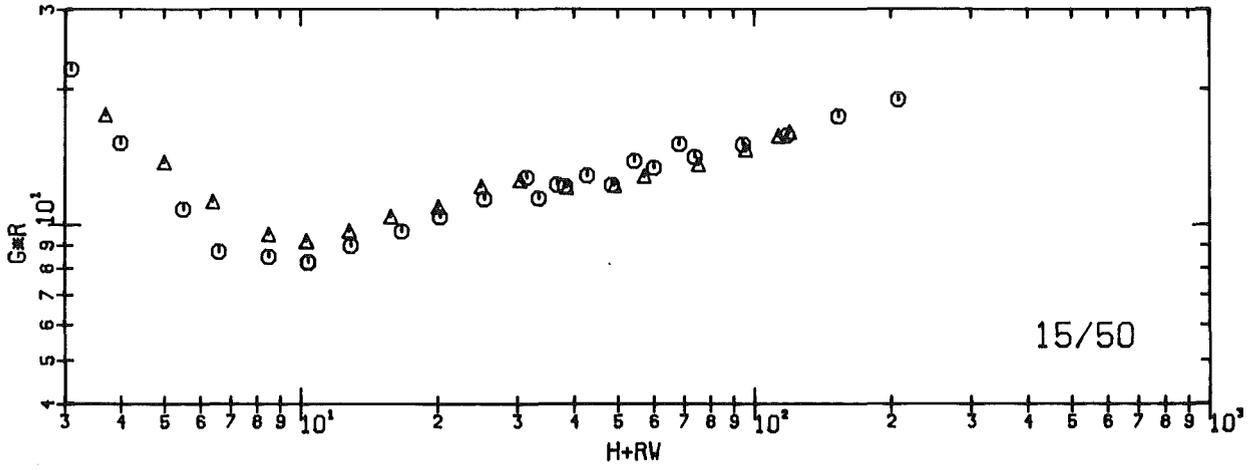


Fig.88: Roughness parameter  $G^*$  evaluated by Eq.(50) with variable  $A_R$  and  $A_H$

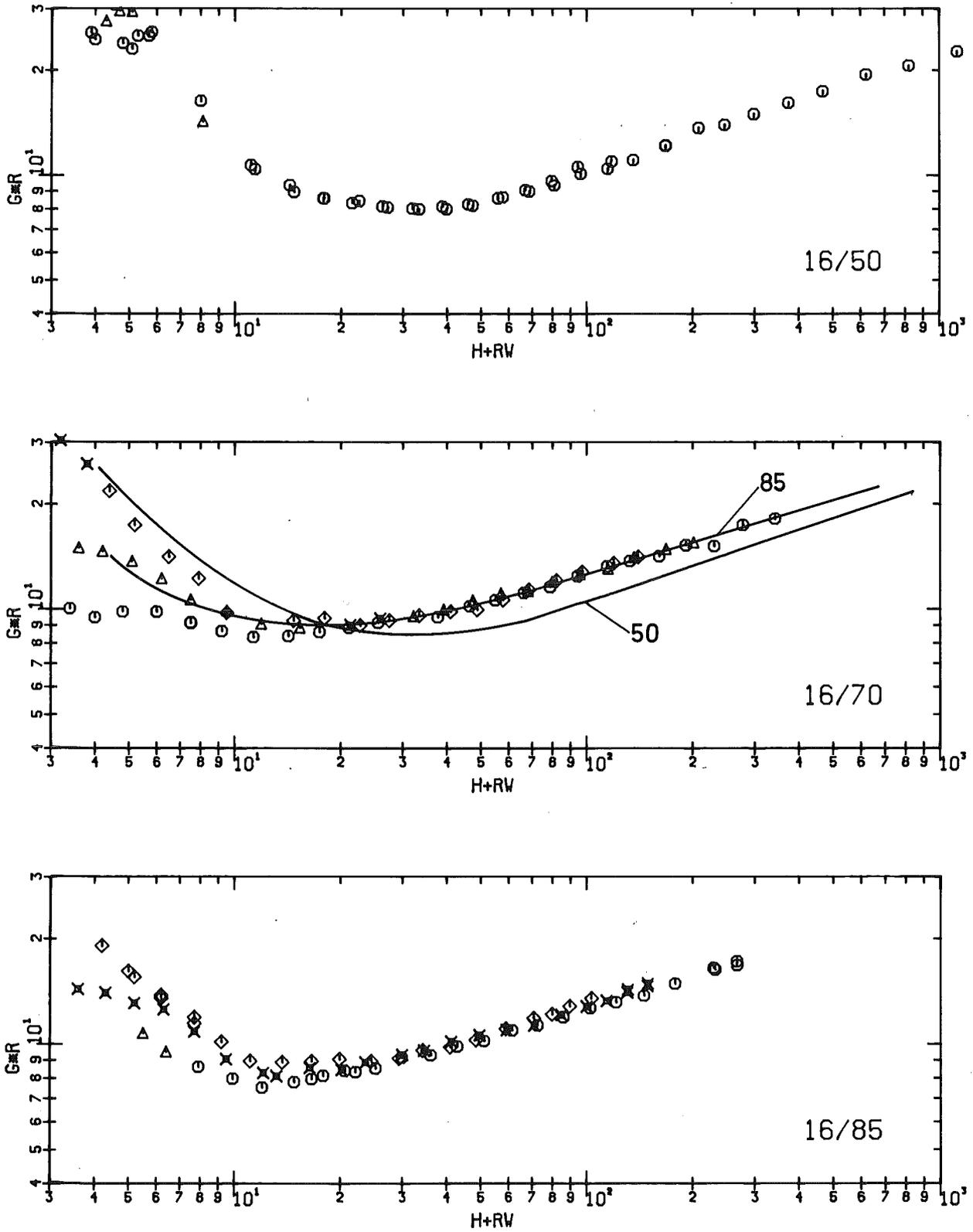


Fig.89: Roughness parameter  $G^*$  evaluated by Eq.(50) with variable  $A_r$  and  $A_H$

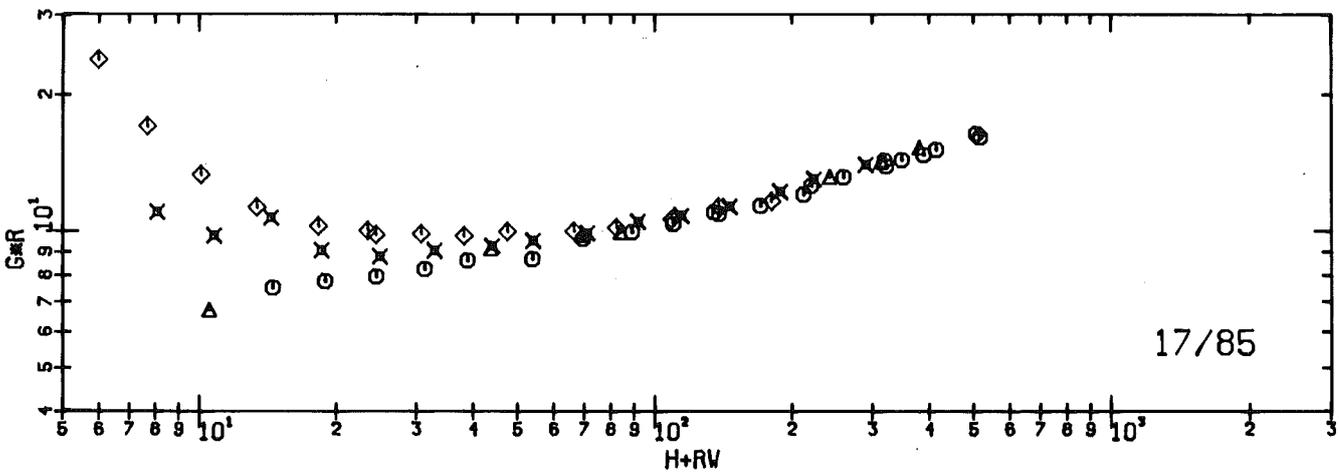
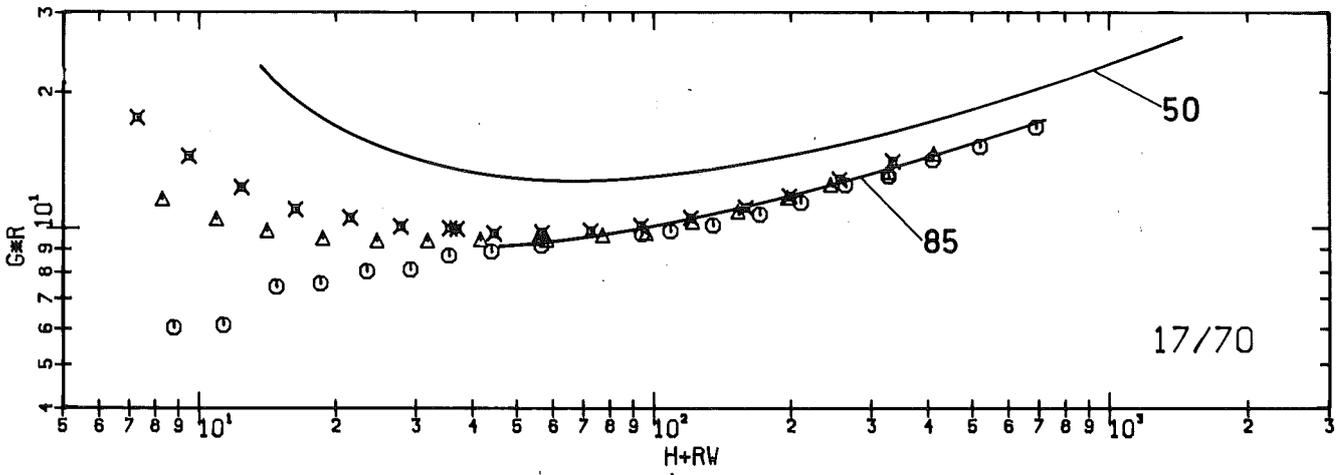
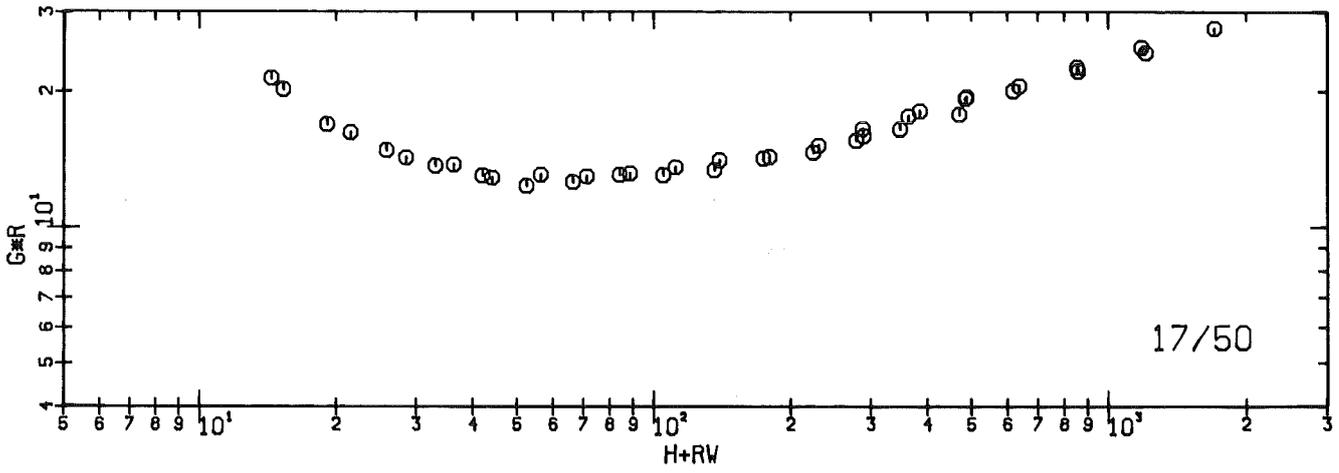


Fig.90: Roughness parameter  $G^*$  evaluated by Eq.(50) with variable  $A_R$  and  $A_H$

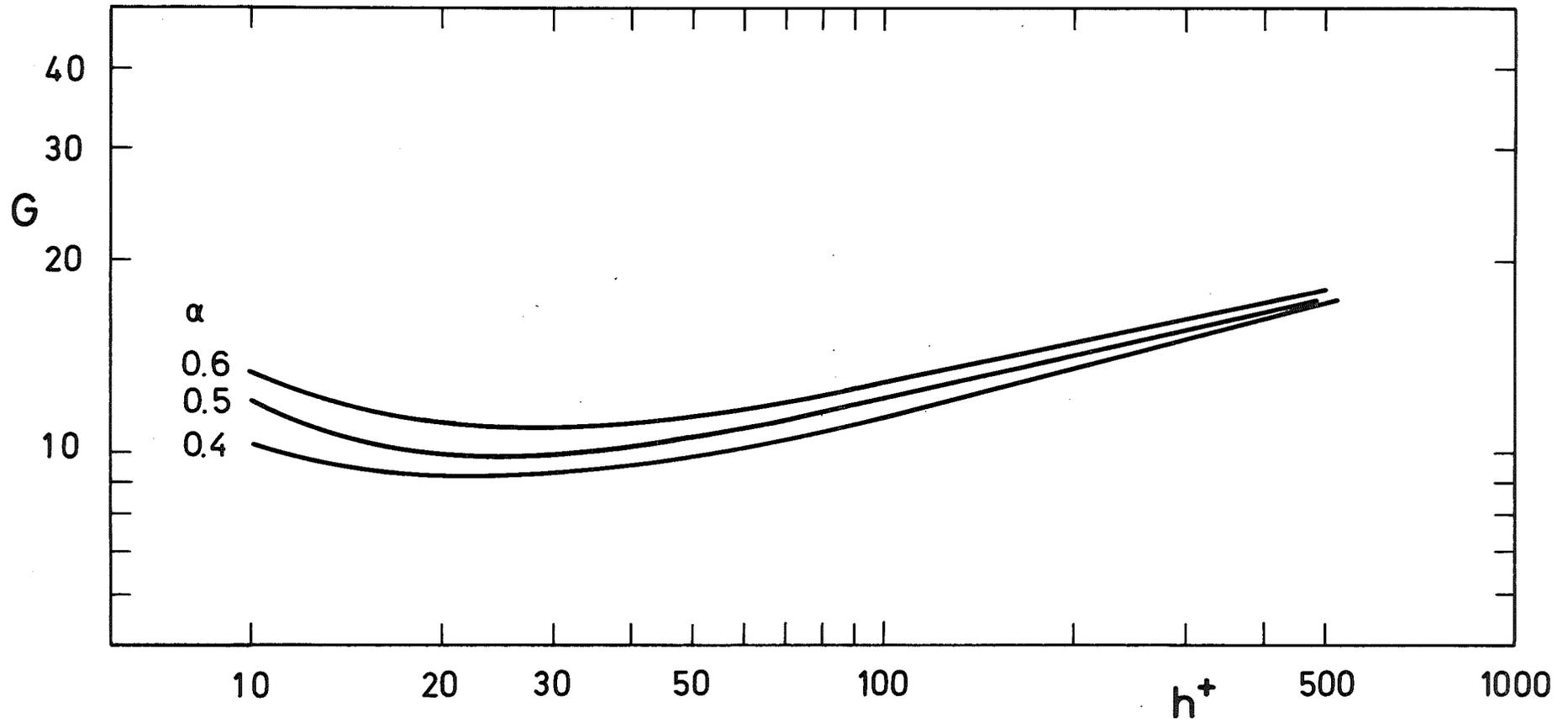


Fig.91: Roughness parameter  $G$  calculated from the transformed Stanton number  $St_{01}$



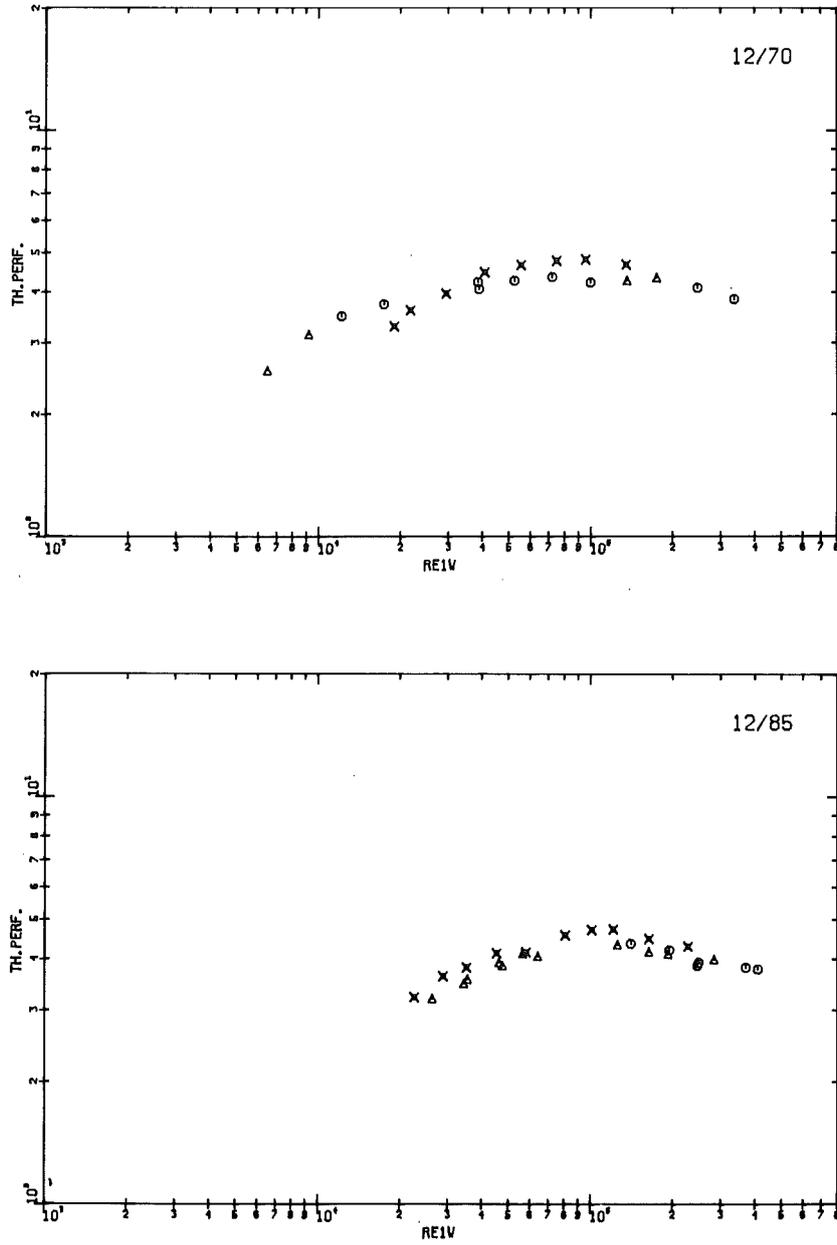


Fig.93: Thermal Performance

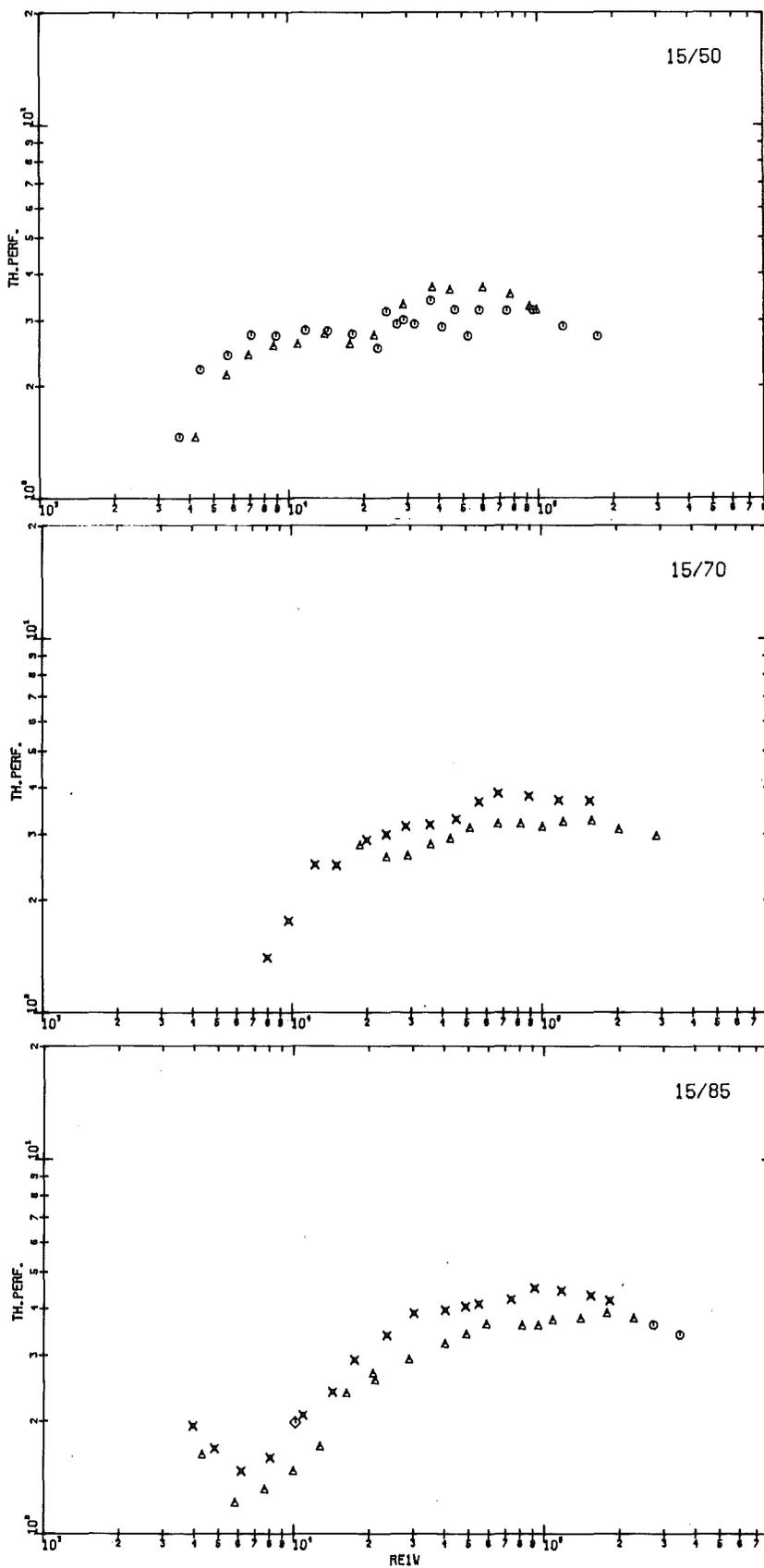


Fig.94: Thermal Performance

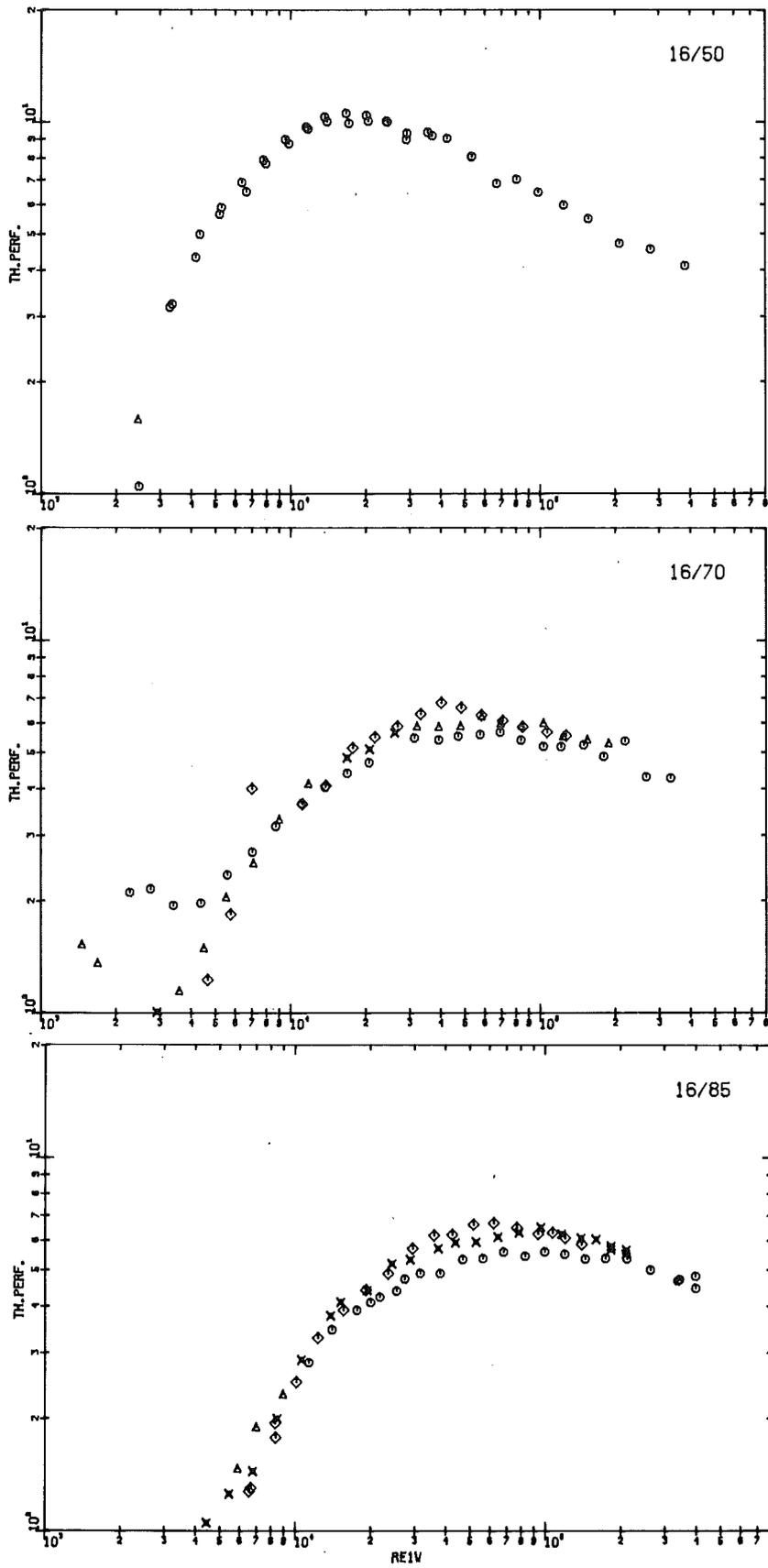


Fig.95: Thermal Performance

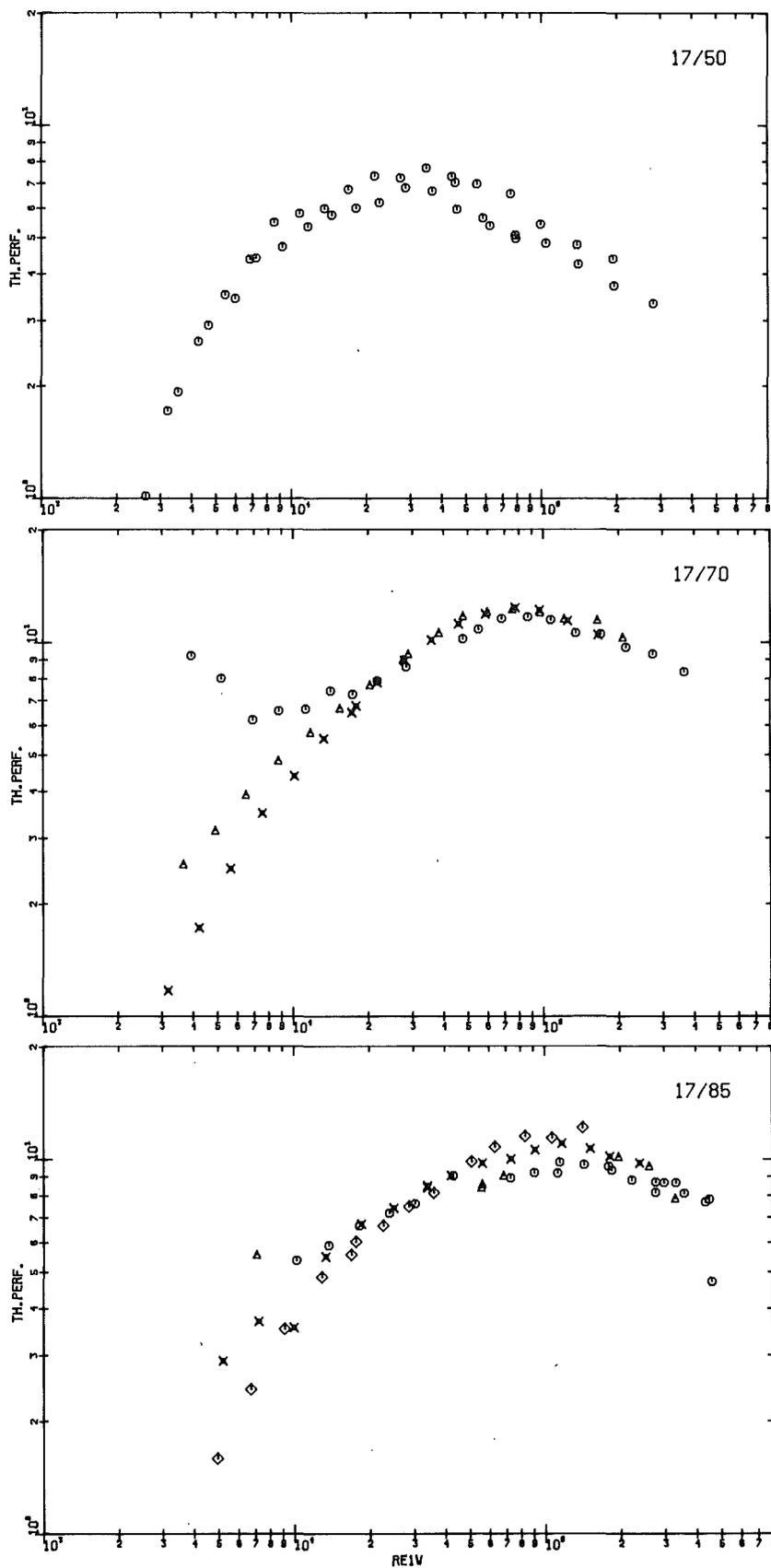


Fig.96: Thermal Performance

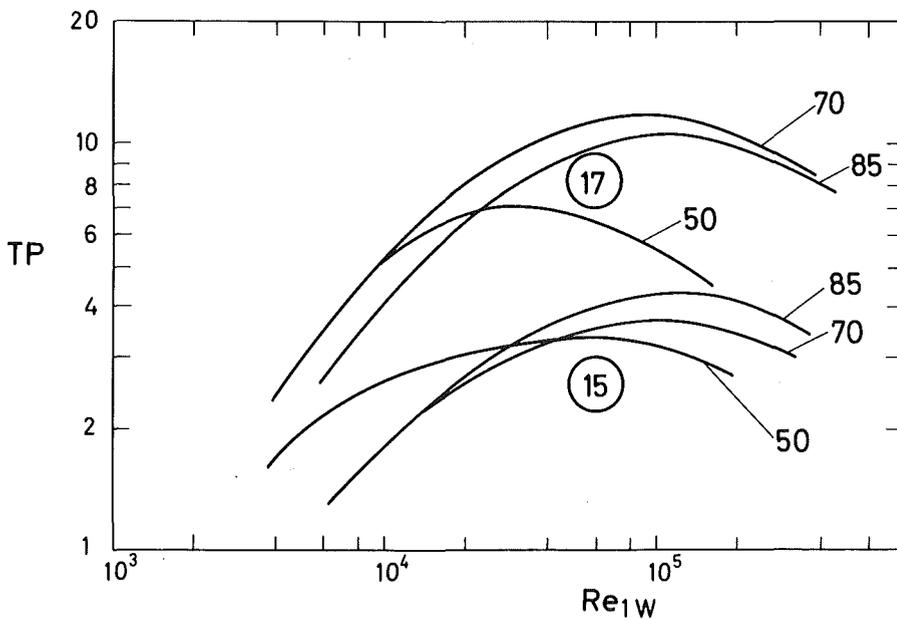
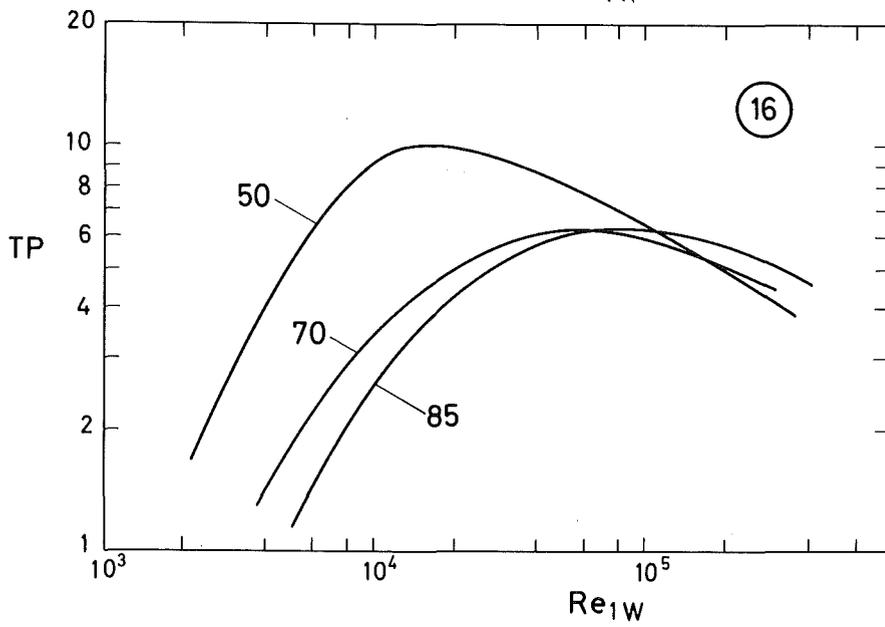
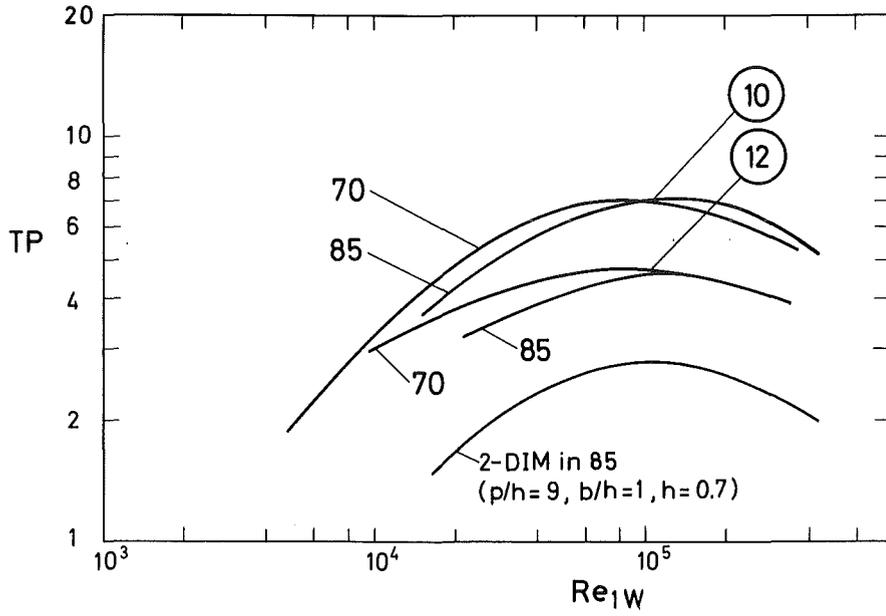


Fig.97: Comparison of Thermal Performance with two-dimensional roughness from /20/

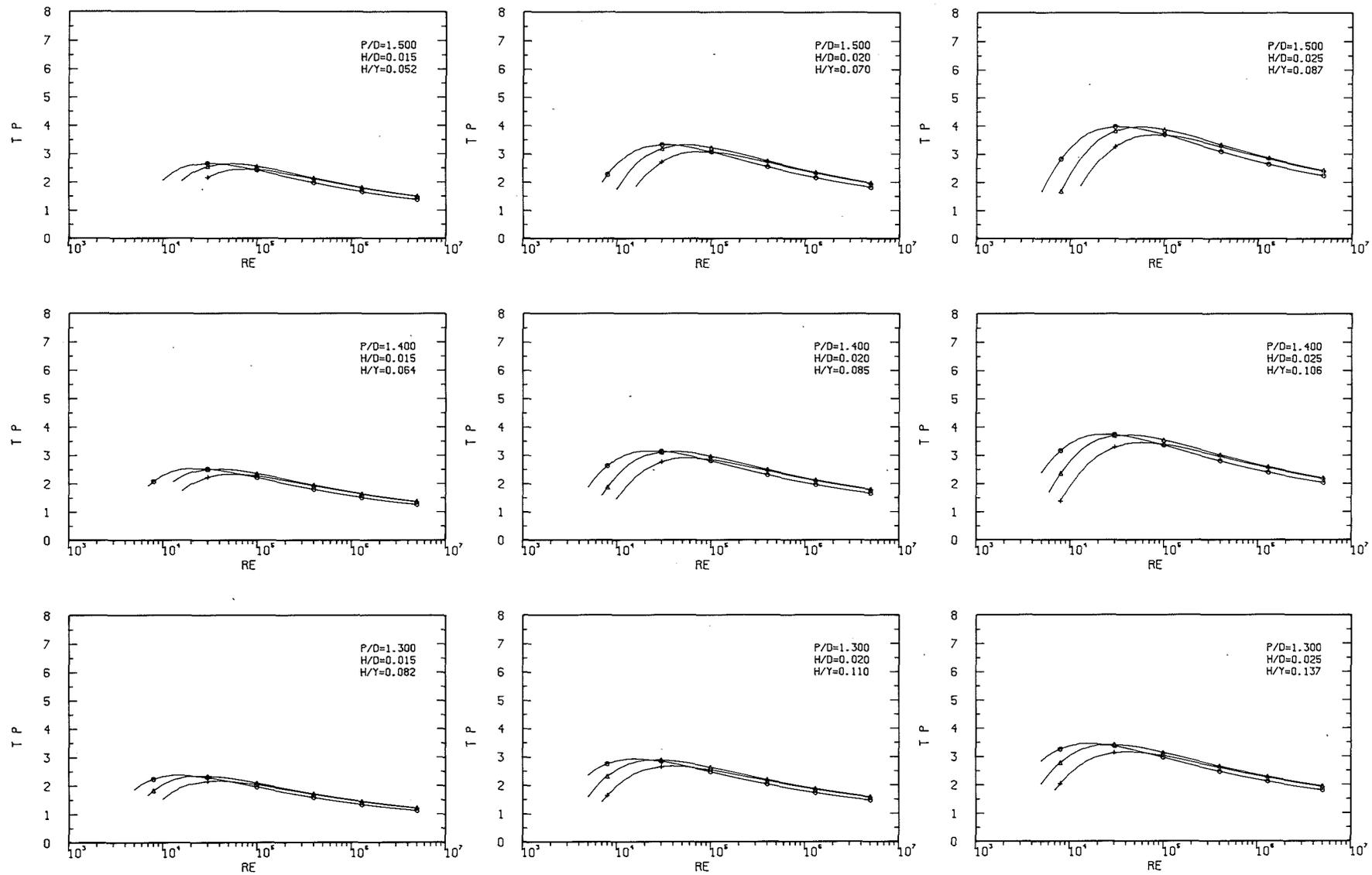


Fig.98: Thermal Performance for a rod bundle, evaluated with the  $A_r$  and R-functions and  $St_{01}$ -function developed in this work and with f- and St-coefficients for isothermal conditions  $01$

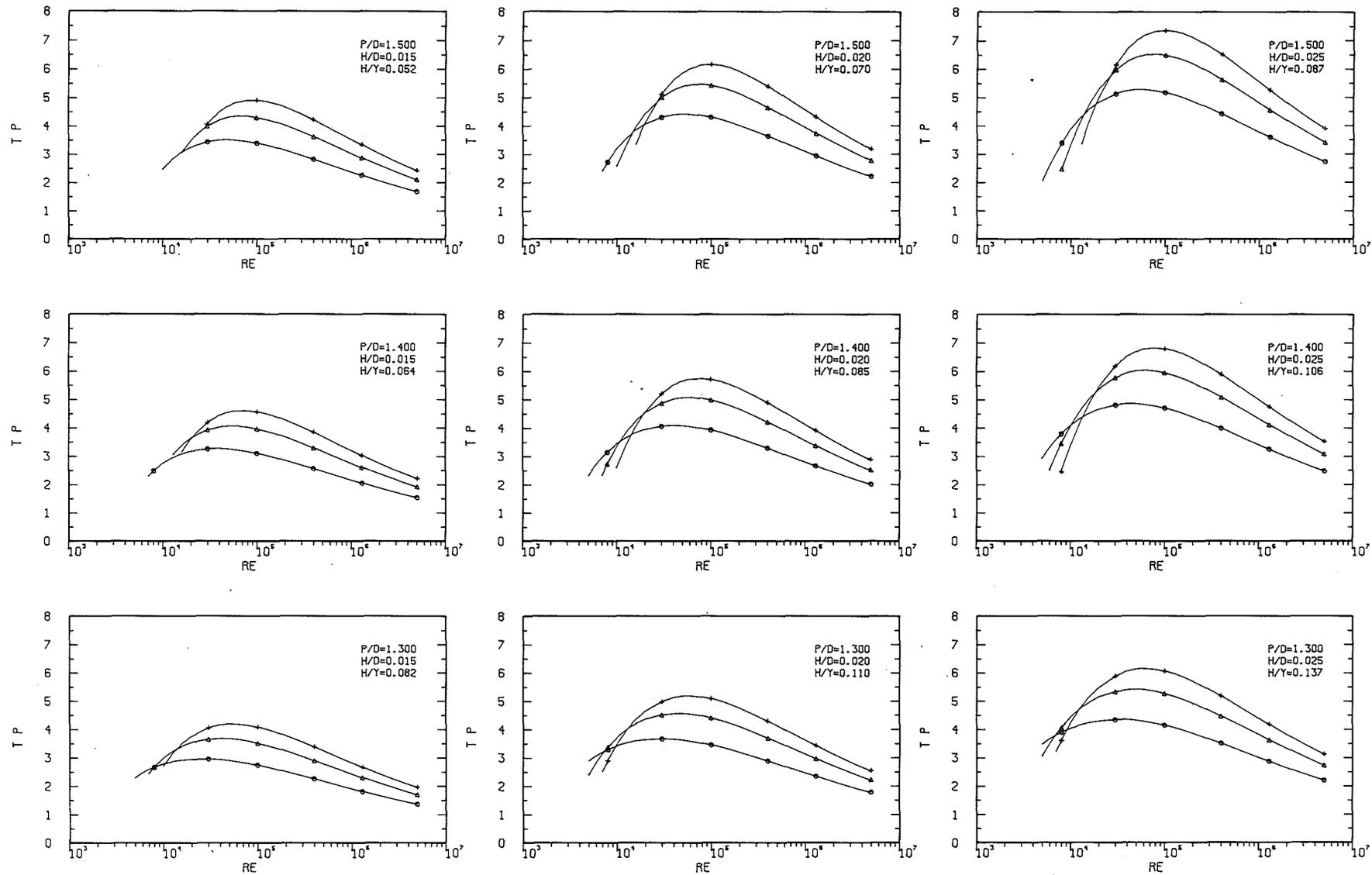


Fig.99: Thermal Performance for a rod bundle , evaluated with the  $A_r$  and R-functions and  $St_{01}$ -function developed in this work and with f- and St-coefficients for non-isothermal conditions.