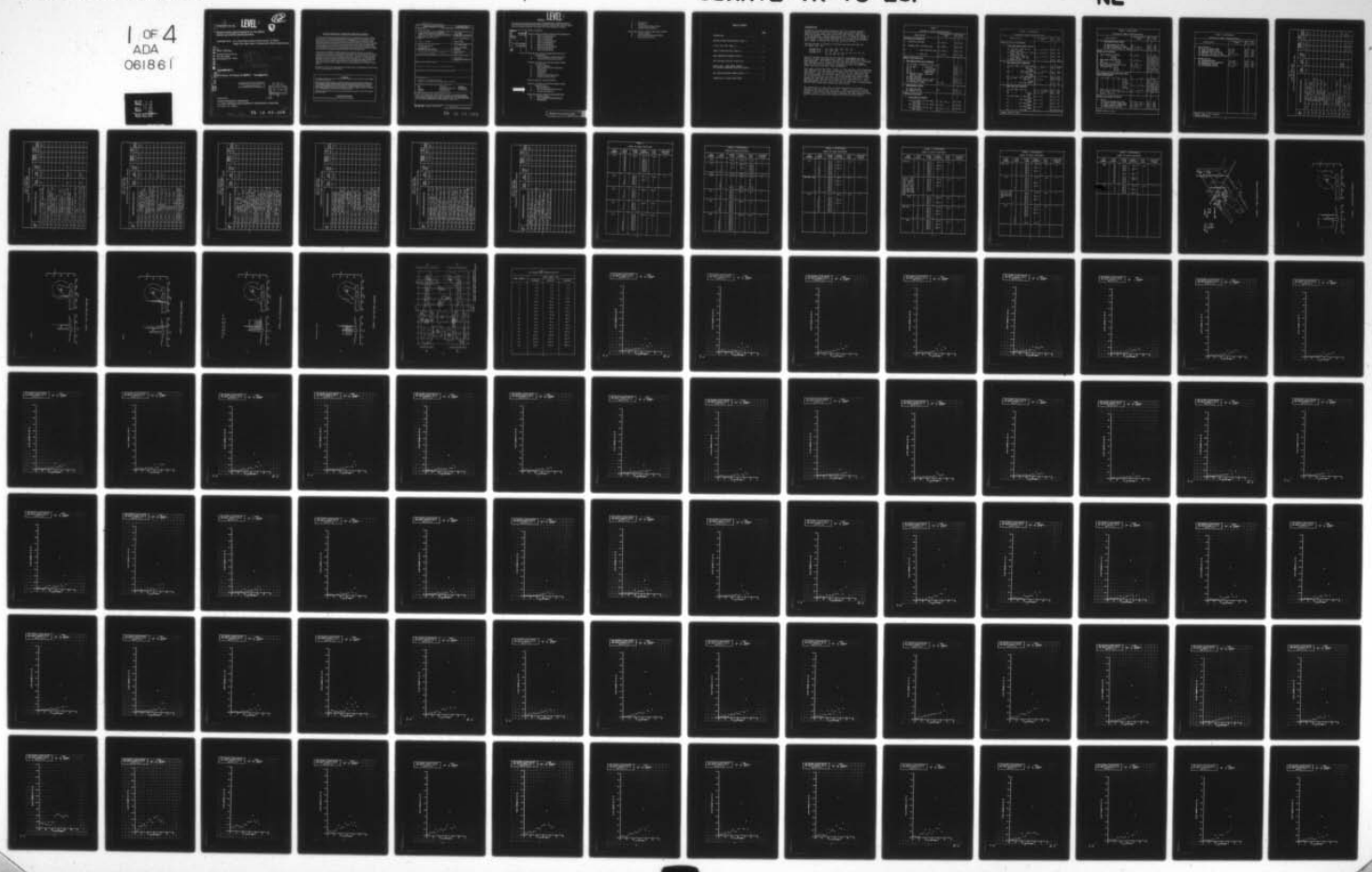
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LEVEL II

(19) USARTL-TR-78-23F

(6) INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFIGURATION

VOLUME VI-B - One-Third Octave Band Spectrograms of Wake Single Film Data, Basic Configuration Wake Explorations

(10) Philip F. Sheridan

Boeing Vertol Company
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APPLIED TECHNOLOGY LABORATORY POSITION STATEMENT

In 1975 a wind tunnel test program was conducted in the Boeing-Vertol 20-foot V/STOL Wind Tunnel on a 1/5th-scale UTTAS model to investigate and find solutions for several aerodynamic problems encountered during the UTTAS flight-testing. Specifically, these tests focused upon (a) the structure of the hub/rotor wake in the vicinity of the empennage, (b) the formulation of the ground vortex and its relation to hub loads and fuselage loads during transition, and (c) the occurrence of vibratory air pressures from the blade passing over the fuselage. Only portions of the above-mentioned wind tunnel test data were reduced and analyzed in addressing the flight-test problems of the UTTAS aircraft.

Under Contract DAAJ02-77-C-0020, Boeing-Vertol completed analyses on the data to understand more completely the aerodynamic interactions that are involved and to formulate instructions for the guidance of designers in these respects. The results of these studies are applicable to all existing and future single-rotor/tail rotor helicopters. The data have been segregated according to aerodynamic interactions and associated phenomena/problem areas. From this body of knowledge, a generalized set of design guidelines meaningful to the single-rotor helicopter design concept formulation were developed and are included in these reports.

Mr. Robert P. Smith of the Aeronautical Technology Division, Aeromechanics Technical Area, served as project engineer for this effort.

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Wake	Interaction	Empennage
Flow	Aerodynamic Interaction	Flow Modifier
Frequency	Flow Environment	Powered Model
Spectrum	Configuration	

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This is the second of the three volumes of Volume VI containing one-third octave band spectrographs of the model helicopter hub/rotor wake velocities derived from the single-film velocity transducer data. This sub-volume deals with the wake characteristics of the baseline configuration.

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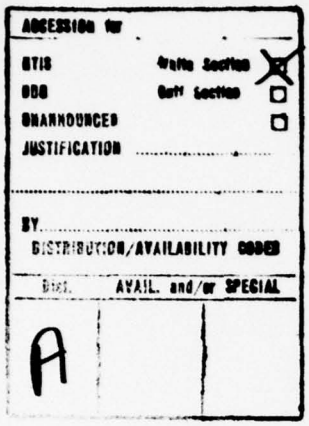
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LEVEL II

PREFACE

The entire report describing the investigation of INTERACTIONAL AERODYNAMICS OF THE SINGLE-ROTOR HELICOPTER CONFIGURATION comprises eight numbered volumes bound as 33 separate documents. The complete list of these documents is as follows:



Volume I, Final Report

Volume II, Harmonic Analyses of Airframe Surface Pressure Data
- A – Runs 7-14, Forward Section
- B – Runs 7-14, Mid Section
- C – Runs 7-14, Aft Section
- D – Runs 15-22, Forward Section
- E – Runs 15-22, Mid Section
- F – Runs 15-22, Aft Section
- G – Runs 23-33, Forward Section
- H – Runs 23-33, Mid Section
- I – Runs 23-33, Aft Section

Volume III, Flow Angle and Velocity Wake Profiles in Low-Frequency Band
- A – Basic Investigations and Hubcap Variations
- B – Air Ejector Systems and Other Devices

Volume IV, One-Third Octave Band Spectrograms of Wake Split-Film Data
- A – Buildup to Baseline
- B – Basic Configuration Wake Explorations
- C – Solid Hubcaps
- D – Open Hubcaps
- E – Air Ejectors
- F – Air Ejectors With Hubcaps; Wings
- G – Fairings and Surface Devices

Volume V, Harmonic Analyses of Hub Wake

Volume VI, One-Third Octave Band Spectrograms of Wake Single Film Data
- A – Buildup to Baseline
- B – Basic Configuration Wake Exploration
- C – Hubcaps and Air Ejectors

This volume is

Volume VII, Frequency Analyses of Wake Split-Film Data
- A – Buildup to Baseline
- B – Basic Configuration Wake Explorations
- C – Solid Hubcaps

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D – Open Hubcaps
E – Air Ejectors
F – Air Ejectors With Hubcaps; Wings
G – Fairings and Surface Devices

Volume VIII, Frequency Analyses of Wake Single Film Data
A – Buildup to Baseline
B – Basic Configuration Wake Exploration
C – Hubcaps and Air Ejectors

TABLE OF CONTENTS

	PAGE
INTRODUCTION	6
OUTLINE OF WAKE INVESTIGATIONS (TABLE 1)	7
LIST OF TEST RUNS (TABLE 2).	11
INDEX TO RAKE POSITIONS (TABLE 3)	18
RAKE ORIENTATION DIAGRAM (FIGURE 1)	24
HOT FILM RAKE LOCATIONS (FIGURE 2-6).	25
UTTAS 1/4.85 - SCALE MODEL GEOMETRY AND PRESSURE TRANSDUCER LOCATIONS (FIGURE 7)	30
ONE THIRD OCTAVE BAND IDENTIFICATION (TABLE 4) . . .	31
SINGLE-FILM 1/3 OCTAVE BAND CHARTS	32

INTRODUCTION

Volume VI presents spectrograms of the six velocity measurements from the single film transducers which were located outboard on the wake rake to the left and right of the split film transducers. These plots are similar to those of Volume IV E, being machine plotted spectrograms in the one-third octave band format. They relate directly to the standard spectrograms that appear in Volume VIII for the same set of runs.

The sub-volumes of Volume VI display data derived from the following test runs:

Volume VI-A - 149, 150, 160, 156, 158, 159
Volume VI-B - 111 -119, 121
Volume VI-C - 135, 136, 188, 211, 168, 167, 194, 161, 154, 172, 174, 176, 203, 205, 197

The runs follow the order of the logical arrangement of the Outline of Wake Investigations, Table 1, from which they have been selected. The Table I outline and other material is included for reference and as context to the work of each sub-volume. Table 2, the List of Test Runs, arranges the runs in numerical order and gives pertinent text parameters.

The Index of Rake Positions, Table 3, lists the hot film transducer rake positions in the model coordinate system for each run and its test points. The main feature of Table 3 is the indexing of the test point number to the model water line station and butt line as it varied from run to run. The table groups the runs as they shared the indexing correspondence of point with position. It is emphasized that the runs in a group do not necessarily all share the same number of test points but they do have same correspondence within their respective ranges of test points.

The orientation of the rake is shown pictorially in Figures 1 through 6 for the various test runs. Figure 7 presents a scaled drawing of the model with reference to the three-axis coordinate system. Table 4 lists the center frequency and the upper and lower band limits for each of the numbered one-third octave bands.

TABLE 1

OUTLINE OF WAKE INVESTIGATIONS

Description	Configuration Code	Run No.	Base-line
Build-up to Baseline			
1. Nacelles removed	$K_{13}+H_1-N$	149	150
2. Blades off, rotating hub	$K_{13}-M+H_{1.0}$	160	156
3. " " , non-rotating hub	$K_{13}-M+H_{1.0}$	158	156
4. " " , hub off	$K_{13}-M-H_{1.0}$	159	156
Basic Configuration			
1. Wake Explorations near Empennage			
(a) 15" Long. + traverse at T/R C.L.	K_{11}	111	---
(b) 9" Vert. + " above T/R "	"	112	---
(c) 2" " " in vortex	"	113	---
(d) 8" " " (continue 112)	"	114	---
(e) 13" " " behind stab.	"	115	---
(f) Lateral traverse, left stab. (One T.P. only)	"	116	---
(g) Same continued	"	117	---
(h) Same continued (One T.P. only)	"	118	---
(i) Lateral traverse right stab.	"	119	---
(j) T/R effect on wake	$K_{11}+T_2^0$	121	115
2. Climb/Descent Studies			
(a) Climb 900 FPM	K_{11}	135	---
(b) Descent 800 FPM	"	136	---
Effect Of Hub Caps			
1. Solid Caps on Canister			
(a) 7.6" diam. 2.17" ht. soft Pitch Arms	$K_{11}-H_{1.0}+H_{1.2}$	137	136
(b) 7.6" diam. 2.17" ht. stiff Pitch Arms	$K_{13}+H_{1.2}$	153	156
(b) 7.6" diam. 2.45" ht. flt. test config.	$K_{13}+H_{1.2.1}+I_1+E_{1.0}$	207	188

TABLE 1 (CONTINUED)

OUTLINE OF WAKE INVESTIGATIONS

Description	Configuration Code*	Run No.	Base-line
Effect of Hub Caps (Continued)			
2. Solid Caps Raised Above Canister			
(a) 7.6" diam. 2.45" ht. 70" depth, .55 gap	$H_{1.2.2}+I_1+E_{1.0}$	208	188
(b) 10.0" diam. 3.25" ht. 1.55" depth, .50" gap	$H_{1.8.1}+I_1+E_{1.0}$	189	188
(c) 10.0" diam. 4.125" ht. 2.05" depth, .875" gap	$H_{1.8.2}+I_1+E_{1.0}$	190	188
(d) Repeat of 189	" " "	210	188
3. Open Caps Without Underbody			
(a) 10.0" diam. 1.25" gap,blades	$H_{1.0.2}+I_1+E_{1.0}$	193	188/166
(b) " " " gap, no blades	$H_{1.0.1}-M$	166	158
(c) " " 2.05" gap,blades	$H_{1.14.1}+I_1+E_{1.0}$	211	188
(d) " " 1.75" gap, no blades	$H_{1.0.1}-M$	165	158
(e) " " 1.87" gap,blades	$H_{1.0.3}+I_1+E_{1.0}$	191	188
(f) 16" diam. 2.00" gap,blades	$H_{1.7.1}$	168	156/167
(g) " " " gap, no blades	$H_{1.7.1}-M$	167	158
(h) " " 4.00" gap,blades	$H_{1.7.2}$	169	156
4. Open Caps with Underbody			
(a) 7.6" diam. 1.25" gap	$H_{1.11.1}+I_2+E_{1.0}$	194	188
(b) " " " "	$H_{1.11.1}+I_2+E_{4.0}$	198	188
(c) " " " " center post	$H_{1.11.2}+I_2$	202	194
(d) 10.0" diam. .5" gap, no blades	$H_{1.5.1}-M$	164	158
(e) " " 1.25" gap, no blades	$H_{1.5.2}-M$	161	158
(f) " " 2.0" gap, no blades	$H_{1.5.4}-M$	163	158
(g) " " 4.0" gap, no blades	$H_{1.5.3}-M$	162	158
(h) " " 1.25" gap	$H_{1.5.2}$	154	156/161

*Basic Code is K13.

TABLE 1 (CONTINUED)

OUTLINE OF WAKE INVESTIGATIONS

Description	Configuration Code*	Run No.	Base-line
5. Miscellaneous Hub Covers			
(a) Hub fairing 16" diam.	$H_{1.3}$	151	150
(b) Wham-O-Frisbee 10" diam.	$H_{1.9.0}+E_{1.2}$	182	181
(c) Fab. glass Frisbee 16" diam.	$H_{1.9.1}+E_{1.2}$	183	181
Effect of Air Ejectors			
1. Basic system no blowing	$H_{1.0}+E_{1.0}$	172	156
2. " " 40 psi	" "	173	156/172
3. " " 150 psi	" "	174	156/172
4. Wide chord shroud 40 psi	$H_{1.0}+E_{2.5.1}$	175	156/173
5. Wide " " 150 psi	" "	176	156/174
6. W/C shroud w. lip 40 psi	$H_{1.0}+E_{3.5.2}$	184	156/173
7. Same Contoured Parallel 150 psi	$H_{1.0}+E_{3.5.4}$	187	156/174
8. Bifurcated duct 0 psi	$H_{1.0}+E_{5.0}$	203	156
9. " " 40 psi	" "	204	156/203
10. " " 150 psi	" "	205	156/203
Air Ejectors with Open Hub Caps with Underbodies			
1. 7.6" diam. 1.25" gap, 0 psi	$H_{1.11.1}+I_2+E_{1.0}$	194	188/172
2. " " " " 20 psi	" " "	195	188
3. " " " " 40 psi	" " "	196	188/173
4. " " " " 150 psi	" " "	197	188/174
5. " " " " 0 psi	$H_{1.11.1}+I_2+E_{4.0}$	198	188/194
6. " " " " 40 psi	" " "	199	188/196
7. " " " " 150 psi	" " "	200	188/196
8. Same with center post	$H_{1.11.2}+I_2+E_{4.6}$	201	188/200
9. 10.0" diam. 2.0" gap wide ch'd. shroud (150 psi)	$H_{1.5.4}+E_{2.5.1}$	177	156/176
Effect of Wings and Misc.			
1. Wings			
(a) Nacelle-mounted stub wing	$H_{1.0}+W_{1.0}+E_{1.1}$	178	181
(b) Single slotted flapped wing	$H_{1.0}+W_{3.0}+E_{1.0}$	180	181
(c) Dougle slotted flapped wing	$H_{1.0}+W_{2.0}+E_{1.0}$	179	181
(d) Boom-mounted stub wing	$H_{1.0}+W_{4.0}$	186	156

*Basic Code is K13.

TABLE 1 (CONTINUED)

OUTLINE OF WAKE INVESTIGATIONS

Description	Configuration Code*	Run No.	Base-line
2. Crown Fairings			
(a) Flat top behind shaft	$K_{11}+D_1$	140	138
(b) Round top behind shaft	$K_{11}+D_2$	141	138
(c) Extended flat top fairing	H_1+D_4	170	156
(d) Flat top + 16" cap, 4" gap	$H_{1.7.2}+D_4$	171	170
(e) Forward fairing/nacelle fairing	$P_{1.0}$	152	156
3. Surface Devices			
(a) Vortex generators	$K_{11}+VG_{2.1}$	139	138
(b) Guidevane between nacelles	$K_{11}+FV_1$	142	138
(c) Longitudinal strakes	$H_{1.5.3}+S_4$	155	156
(d) 14% porosity spoiler	$K_{11}+X_1$	143	138

*Basic Code is K13 unless noted otherwise.

TABLE 2

LIST OF TEST RUNS

BASIC INVESTIGATIONS OF THE HUB WAKE

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					α°	ψ°	h/d	
111	K_{11}/15" Long. wake traverse at TR center line	80	1433/0	8	6.0	-2.0	∞	Off
112	" /9" Vert. wake traverse above TR center line	"	"	"	"	"	"	"
113	" /2" Vert traverse through MR vortex	"	"	"	"	"	"	"
114	" /8" Vert. traverse below TR center line	"	"	"	"	"	"	"
115	" /13" Vert. traverse behind stabilizer	"	"	"	"	"	"	"
116	" /Lateral traverse - left stabilizer	"	"	"	"	"	"	"
117	" /116 continued	"	"	"	"	"	"	"
118	" /116 continued	"	"	"	"	"	"	"
119	" /Lateral traverse - right stabilizer	"	"	"	"	"	"	"
121	$K_{11}+T_2$/Effect of tail rotor flow on wake	"	1433/ 4500	"	"	"	"	On
135	K_{11}/Wake in 900 fpm climb	"	"	"	-6.0	-4.5	"	Off
136	" /Wake in 800 fpm descent	"	"	"	6.0	-2.0	"	"

TABLE 2 (CONTINUED)

LIST OF TEST RUNS

EVALUATION OF WAKE-ALTERING DEVICES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					$\alpha°$	$\psi°$	h/d	
137	K_{11}-$H_{1.0}$+$H_{1.2}$/Effect of 7.6 inch diam. solid hub cap	80	1433/0	8	6	-3.8	∞	Off
138	K_{11}/Repeat of base run	"	"	"	"	"	"	"
139	K_{11}+$VG_{2.1}$/Effect of vortex generators on aft crown	"	"	"	"	"	"	"
140	K_{11}+D_1/Flat-topped "doghouse" fairing on aft crown	"	"	"	"	"	"	"
141	K_{11}+D_2/Rounded-top fairing	"	"	"	"	"	"	"
142	K_{11}+FV_1/Deflection vane on crown between nacelles	"	"	"	"	"	"	"
143	K_{11}+X_1/Variable porosity spoiler	"	"	"	"	"	"	"
149	K_{13}+H_1-N_1/Effect of nacelles off also add stiff pitch arms (K_{13})	60	1075/0	4.5	"	"	"	"
150	K_{13}+H_1/60 knot baseline	"	"	"	"	"	"	"
151	K_{13}+$H_{1.3}$/16 inch diam. helmet fairing	"	"	"	"	"	"	"
152	K_{13}+$P_{1.0}$/Pylon and intake fairings	80	1433/0	8	"	"	"	"
153	K_{13}+$H_{1.2}$/Repeat 137 with K_{13} pitch arms	"	"	"	"	"	"	"

TABLE 2 (CONTINUED)

LIST OF TEST RUNS

EVALUATION OF WAKE-ALTERING DEVICES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					α°	ψ°	h/d	
154	$K_{13}+H_{1.5.2}$/10" open hub cap, 7" underbody, 1.25"gap	80	1433/0	8	6	-3.8	∞	Off
155	$K_{13}+H_{1.5.2}+S_4$/Same as 154 except strakes on aft crown	"	"	"	"	"	"	"
156	$K_{13}+H_{1.0}$/Baseline with K_{13},i.e., stiff pitch arms	"	"	"	"	"	"	"
158	$K_{13}-M+H_{1.0}$/Wake studies with blades off, hub not rotating	"	0/0	"	"	"	"	"
159	$K_{13}-M-H_{1.0}$/Wake studies with hub off	"	"	"	"	"	"	"
160	$K_{13}-M+H_{1.0}$/Same as 158 except hub is rotating	"	1433/0	"	"	"	"	"
161	$K_{13}-M+H_{1.5.2}$/Repeat of 154 without blades	"	0/0	"	"	"	"	"
162	$K_{13}-M+H_{1.5.3}$/Same as 161 except 4" gap	"	"	"	"	"	"	"
163	$K_{13}-M+H_{1.5.4}$/Same as 161 except 2" gap	"	"	"	"	"	"	"
164	$K_{13}-M+H_{1.5.1}$/Same as 161 except 0.5" gap	"	"	"	"	"	"	"
165	$K_{13}-M+H_{1.0.1}$/ 10" open hub cap,no underbody,same cap vert.position as Run 154	"	"	"	"	"	"	"
166	$K_{13}-M+H_{1.0.2}$/Same as 165 with cap lowered by 0.5"	"	"	"	"	"	"	"

TABLE 2(CONTINUED)

LIST OF TEST RUNS

EVALUATION OF WAKE-ALTERING DEVICES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					α°	ψ°	h/d	
167	K_{13}-M+$H_{1.7.1}$/16" open cap, no underbody, 2" gap	80	0/0	8	6	-3.8	∞	Off
168	K_{13}+$H_{1.7.1}$/Blades on, same cap config. as 167	"	1433/0	"	"	"	"	"
169	K_{13}+$H_{1.7.2}$/16" open cap, no underbody, 4" gap	"	"	"	"	"	"	"
170	K_{13}+$H_{1.0}$+$D_{4.0}$/Extended flat top fairing on aft crown	"	"	"	"	"	"	"
171	K_{13}+$H_{1.7.2}$+$D_{4.0}$/Same fairing as 170 same cap as 169	"	"	"	"	"	"	"
172	K_{13}+$H_{1.0}$+$E_{1.0}$(0psi)/Basic air ejector zero blowing baseline	"	"	"	"	"	"	"
173	K_{13}+$H_{1.0}$+$E_{1.0}$(40 psi)/Same as 172 with 40 psi supply	"	"	"	"	"	"	"
174	K_{13}+$H_{1.0}$+$E_{1.0}$(150 psi)/Same as 172 with 150 psi supply	"	"	"	"	"	"	"
175	K_{13}+$H_{1.0}$+$E_{2.5.1}$(40 psi)/Ejector with wide chord shroud at 40 psi	"	"	"	"	"	"	"
176	K_{13}+$H_{1.0}$+$E_{2.5.1}$(150 psi)/Same as 174 with 150 psi supply	"	"	"	"	"	"	"
177	K_{13}+$H_{1.5.4}$+$E_{2.5.1}$(150 psi)/Same as 176 with 10" cap like 163	"	"	"	"	"	"	"
178	K_{13}+$H_{1.0}$+$W_{1.0}$+$E_{1.1}$(0 psi)/Nacelle mounted wing	"	"	"	"	"	"	"

TABLE 2 (CONTINUED)

LIST OF TEST RUNS

EVALUATION OF WAKE-ALTERING DEVICES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					$\alpha°$	$\psi°$	h/d	
179	$K_{13}+H_{1.0}+W_{2.0}+E_{1.0}$ (0 psi)/Double slotted flapped wing	80	1433/0	8	6	-3.8	∞	Off
180	$K_{13}+H_{1.0}+W_{3.0}+E_{1.0}$ (0 psi)/Single slotted flapped wing	"	"	"	"	"	"	"
181	$K_{13}+H_{1.0}+E_{1.2}$ (0 psi)/Baseline with ejector tube moved aft	"	"	"	"	"	"	"
182	$K_{13}+H_{1.9.0}+E_{1.2}$ (0 psi)/Standard 10" frisbee	"	"	"	"	"	"	"
183	$K_{13}+H_{1.9.1}+E_{1.2}$ (0 psi)/16" fabricated frisbee	"	"	"	"	"	"	"
184	$K_{13}+H_{1.0}+E_{3.5.2}$ (40 psi)/Wide chord with lip at 40 psi	"	"	"	"	"	"	"
185	$K_{13}+H_{1.0}+E_{3.5.2}$ (150 psi)/Same as 184 with 150 psi air	"	"	"	"	"	"	"
186	$K_{13}+H_{1.0}+W_{4.0}$/Boom mounted stub wing	"	"	"	"	"	"	"
187	$K_{13}+H_{1.0}+E_{3.5.4}$ (150 psi)/Like 185 with modified shroud	"	"	"	"	"	"	"
188	$K_{13}+H_{1.0}+I_1+E_{1.0}$ (0 psi)/Baseline with I_1 instr. ring	"	"	"	"	"	"	"
189	$K_{13}+H_{1.8.1}+I_1+E_{1.0}$ (0 psi)/Solid cap, 10" diam. 3.25" height	"	"	"	"	"	"	"
190	$K_{13}+H_{1.8.2}+I_1+E_{1.0}$ (0 psi)/Same as 190 except + 4.12" height	"	"	"	"	"	"	"

TABLE 2 (CONTINUED)

LIST OF TEST RUNS

EVALUATION OF WAKE-ALTERING DEVICES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG, psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					α°	ψ°	h/d	
191	$K_{13}+H_{1.0.2}+I_1+E_{1.0}$ (0 psi)/10" cap, no underbody, 1.87" gap	80	1433/0	8	6	-3.8	∞	Off
193	$K_{13}+H_{1.0.2}+I_1+E_{1.0}$ (0 psi)/10" cap, no underbody, 1.25" gap	"	"	"	"	"	"	"
194	$K_{13}+H_{1.11.1}+I_2+E_{1.0}$ (0 psi)/7.6" cap, underbody, 1.25" gap	"	"	"	"	"	"	"
195	$K_{13}+H_{1.11.1}+I_2+E_{1.0}$ (20 psi)/Same as 194 with 20 psi air	"	"	"	"	"	"	"
196	$K_{13}+H_{1.11.1}+I_2+E_{1.0}$ (40 psi)/Same as 194 with 40 psi air	"	"	"	"	"	"	"
197	$K_{13}+H_{1.11.1}+I_2+E_{1.0}$ (150 psi)/Same as 194 with 150 psi air	"	"	"	"	"	"	"
198	$K_{13}+H_{1.11.1}+I_2+E_{4.0}$ (0 psi)/Same as 194 except blowing tube 2" aft	"	"	"	"	"	"	"
199	$K_{13}+H_{1.11.1}+I_2+E_{4.0}$ (40 psi)/Same as 198 with 40 psi air	"	"	"	"	"	"	"
200	$K_{13}+H_{1.11.1}+I_2+E_{4.0}$ (150 psi)/Same as 198 with 150 psi air	"	"	"	"	"	"	"
201	$K_{13}+H_{1.11.2}+I_2+E_{4.0}$ (150 psi)/Same as 200 except center support cap	"	"	"	"	"	"	"
202	$K_{13}+H_{1.11.2}+I_2$/Baseline with I_2 and no blowing tube	"	"	"	"	"	"	"
203	$K_{13}+H_{1.0}+E_{5.0}$ (0 psi)/Bifurcated air duct baseline	"	"	"	"	"	"	"

TABLE 2 (CONTINUED)
LIST OF TEST RUNS
EVALUATION OF WAKE-ALTERING DEVICES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					α°	ψ°	h/d	
204	$K_{13}+H_{1.0}+E_{5.0}$ (150 psi)/Bifurcated duct with 150 psi air	80	1433/0	8	6	-3.8	∞	Off
205	$K_{13}+H_{1.0}+E_{5.0}$ (40 psi)/Same as 204 with 40 psi air	"	"	"	"	"	"	"
207	$K_{13}+H_{1.2.1}+I_1+E_{1.0}$ (0 psi)/7.6" solid cap, no gap	"	"	"	"	"	"	"
208	$K_{13}+H_{1.2.2}+I_1+E_{1.0}$ (0 psi)/Same as 207 except 0.55" gap	"	"	"	"	"	"	"
210	$K_{13}+H_{1.15.1}+I_1+E_{1.0}$ (0 psi)/Repeat of 189	"	"	"	"	"	"	"
211	$K_{13}+H_{1.14.1}+I_1+E_{1.0}$ (0 psi)/Like 189 and 210 except cap is open	"	"	"	"	"	"	"

TABLE 3

INDEX TO RAKE POSITIONS

RUN NUMBER	TEST POINT	WATER LINE	MODEL STATION	BUTT LINE	LOCATION FIGURE
111	20	53.5	103.1	-7.25	1
	21	"	"	"	
	22	"	105.0	"	
	24	"	107.0	"	
	26	"	109.0	"	
	28	"	111.0	"	
	30	"	112.9	"	
	32	"	114.9	"	
	34	"	116.9	"	
	36	"	118.9	"	
112	2	48.9	107.3	-7.25	1
	4	50.8	"	"	
	6	52.7	103.3	"	
	8	54.5	"	"	
	10	56.2	"	"	
	12	57.2	"	"	
113	2	51.7	103.3	-3.25	1
	4	52.3	"	"	
	6	52.8	"	"	
	8	53.3	"	"	
	10	53.9	"	"	
	11	53.3	"	"	
114	2	44.5	103.0	-3.25	1
	4	46.4	"	"	
	6	48.2	"	"	
	8	50.0	"	"	
	10	51.9	"	"	
115	3	52.9	124.7	-3.25	1
	4	52.0	"	"	
	6	50.0	"	"	
	9	48.0	"	"	
	10	46.0	"	"	
	12	44.1	"	"	
	14	42.1	"	"	
	16	53.0	"	"	
	18	54.0	"	"	
	20	55.0	"	"	

TABLE 3 (CONTINUED)

INDEX TO RAKE POSITIONS

RUN NUMBER	TEST POINT	WATER LINE	MODEL STATION	BUTT LINE	LOCATION FIGURE
116	7	36.9	100.5	-17.5	1
117	2	37.6	100.5	-16.0	1
	4	"	"	-14.0	
	6	37.3	99.6	-12.0	
	8	"	"	-10.0	
	10	"	"	- 8.0	
118	2	37.6	100.5	- 6.0	1
119	2	37.3	99.6	+ 6.0	1
	5	"	"	8	
	8	"	"	10	
	9	"	"	"	
	14	"	"	14	
	16	"	"	16	
	20	51.5	102.5	17.5	
	25	52.3	101.7	-17.5	
121	3	62.9	129.0	+ 5.7	2
	4	53.5	"	"	
	6	50.1	"	"	
	8	46.0	"	"	
	10	42.1	"	"	
135	2	56.9	106.3	- 5.7	3
	4	54.5	"	"	
	6	52.5	"	"	
	8	50.5	"	"	
	10	48.5	"	"	
	12	46.5	"	"	
	14	44.5	"	"	
136	2	56.5	104.0	- 8.0	4
	4	54.5	"	"	
	6	52.5	"	"	
	8	50.6	"	"	
	10	48.5	"	"	
	12	46.5	"	"	
	14	44.5	"	"	
	17	37.1	"	"	
	18	39.0	"	"	
	19	41.0	"	"	

TABLE 3 (CONTINUED)

INDEX TO RAKE POSITIONS

RUN NUMBER	TEST POINT	WATER LINE	MODEL STATION	BUTT LINE	LOCATION FIGURE
137	3	38.7	98.4	- 8.0	5
	5	39.9	"	"	
	7	42.0	100.5	"	
	9	44.0	"	"	
	11	46.0	103.6	"	
	13	48.0	"	"	
	15	50.0	"	"	
	17	52.0	"	"	
	19	54.0	"	"	
138-41, 143	2	38.8	98.4	- 8.0	5
	3	40.0	"	"	
	4	42.0	100.5	"	
	5	44.0	"	"	
	6	46.0	103.6	"	
	7	48.0	"	"	
	8	50.0	"	"	
	9	52.0	"	"	
	10	54.0	"	"	
142	7	37.8	98.4	- 8.0	5
	8	"	"	"	
	9	40.2	"	"	
	10	42.0	100.5	"	
	11	44.0	"	"	
	12	46.0	103.6	"	
	13	48.0	"	"	
	14	50.0	"	"	
	15	52.0	"	"	
	16	54.0	"	"	
	17	56.8	"	"	

TABLE 3 (CONTINUED)

INDEX TO RAKE POSITIONS

RUN NUMBER	TEST POINT	WATER LINE	MODEL STATION	BUTT LINE	LOCATION FIGURE
149-151	2	38.8	98.5	- 8.0	5
	3	40.0	"	"	
	4	42.0	100.6	"	
	5	44.0	"	"	
	6	46.0	103.5	"	
	7	48.0	"	"	
	8	50.0	"	"	
	9	52.0	"	"	
	10	54.0	"	"	
152-6, 158 161-4, 166 167, 169-71 175, 177-9 180,182,184 186-8, 190 191,193,194 196,198,201 204,207,208 211	2	42.9	97.9	0.0	6
	3	44.9	"	"	
	4	46.9	100.6	"	
	5	48.9	"	"	
	6	50.9	104.6	"	
	7	52.9	"	"	
	8	54.9	"	"	
	9	56.9	"	"	
159	1	54.9	104.6	0.0	6
	2	52.9	"	"	
	3	50.7	"	"	
	4	48.6	100.6	"	
	5	46.7	"	"	
160,203	5	42.9	97.9	0.0	6
	6	44.9	"	"	
	7	46.9	100.6	"	
	8	48.9	"	"	
	9	50.9	104.6	"	
	10	52.9	"	"	
	11	54.9	"	"	
165	3	44.9	97.9	0.0	6
	4	42.9	"	"	
	5	46.9	100.6	"	
	6	48.9	"	"	
	7	50.9	104.6	"	
	8	52.9	"	"	

TABLE 3 (CONTINUED)

INDEX TO RAKE POSITIONS

RUN NUMBER	TEST POINT	WATER LINE	MODEL STATION	BUTT LINE	LOCATION FIGURE
168, 183	4	42.9	97.9	0.0	6
	5	44.9	"	"	
	6	46.9	100.6	"	
	7	48.9	"	"	
	8	50.9	104.6	"	
	9	52.9	"	"	
	10	54.9	"	"	
172	3	42.9	97.9	0.0	6
	4	44.9	"	"	
	6	44.9	"	"	
	7	46.9	100.6	"	
	8	48.9	"	"	
	9	50.9	104.6	"	
	10	52.9	"	"	
	11	54.9	"	"	
173,174,176	1	42.9	97.9	0.0	6
185,195,197	2	44.9	"	"	
199,200,205	3	46.9	100.6	"	
210	4	48.9	"	"	
	5	50.9	104.6	"	
	6	52.9	"	"	
	7	54.9	"	"	
181	2	42.9	97.9	0.0	6
	3	44.9	"	"	
	4	46.9	100.6	"	
	5	48.9	"	"	
	6	50.9	104.6	"	
	7	52.9	"	"	
	9	54.9	"	"	
	10	"	"	"	
	11	"	"	"	
	12	"	"	"	
	13	42.9	97.9	"	

TABLE 3 (CONTINUED)

INDEX TO RAKE POSITIONS

RUN NUMBER	TEST POINT	WATER LINE	MODEL STATION	BUTT LINE	LOCATION FIGURE
189	29	42.9	97.9	0.0	6
	30	44.9	"	"	
	31	46.9	100.6	"	
	32	48.9	"	"	
	33	"	"	"	
	34	50.9	104.6	"	
	35	"	"	"	
	36	48.9	100.6	"	
	37	50.9	104.6	"	
	38	52.9	"	"	
	39	54.9	"	"	
202	3	43.4	97.9	0.0	6
	4	44.9	"	"	
	5	46.9	100.6	"	
	6	48.9	"	"	
	7	50.9	104.6	"	

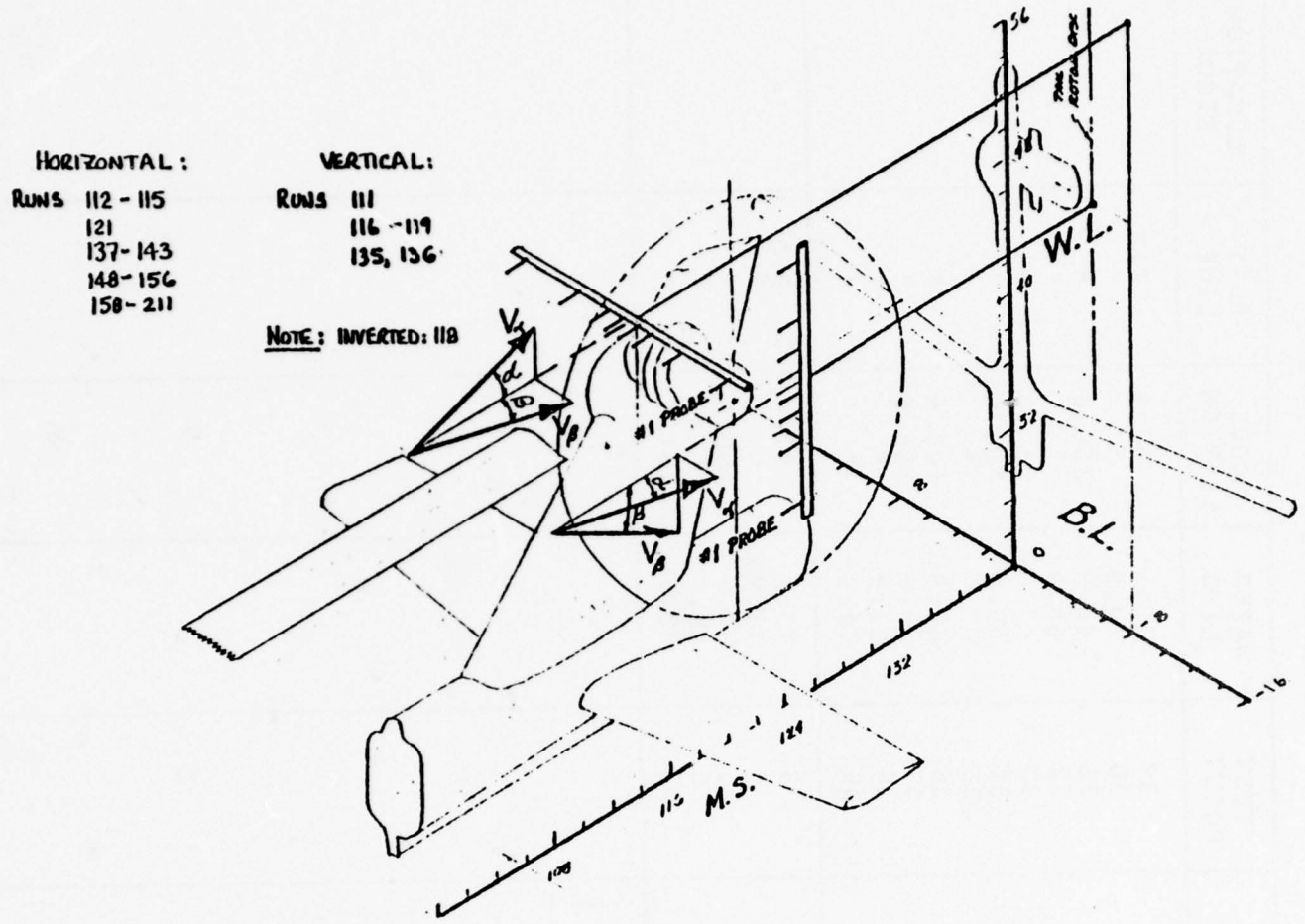


FIGURE 1 - RAKE ORIENTATION DIAGRAM

RUN 121

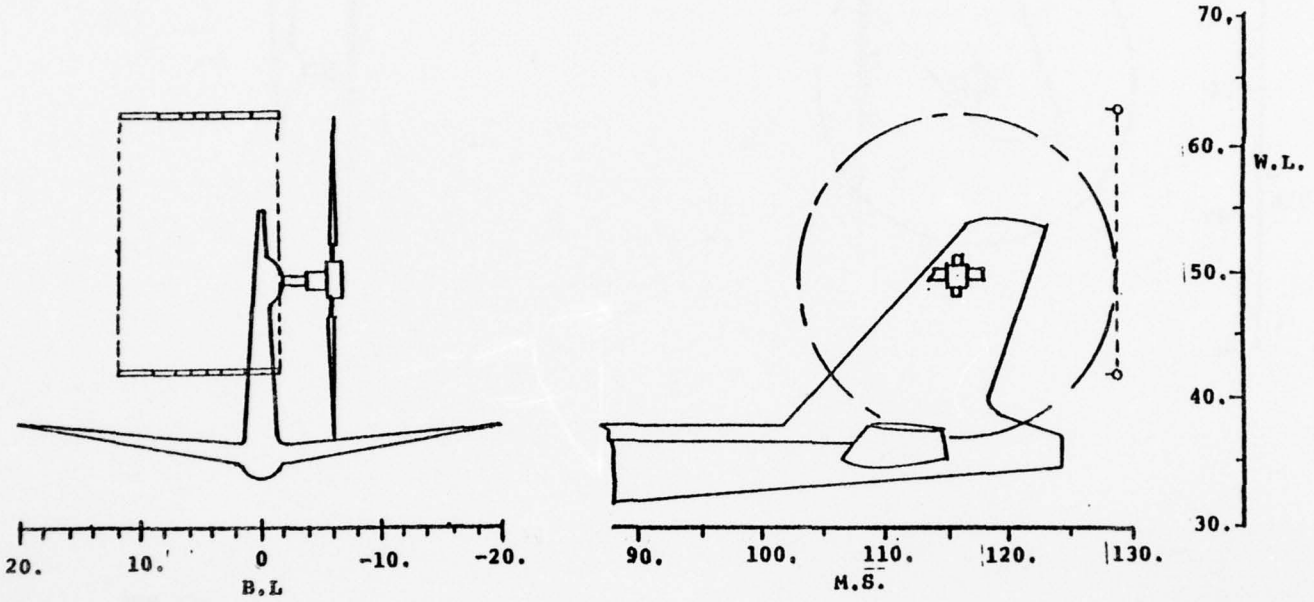


FIGURE 2 -HOT FILM RAKE LOCATIONS

RUN 135

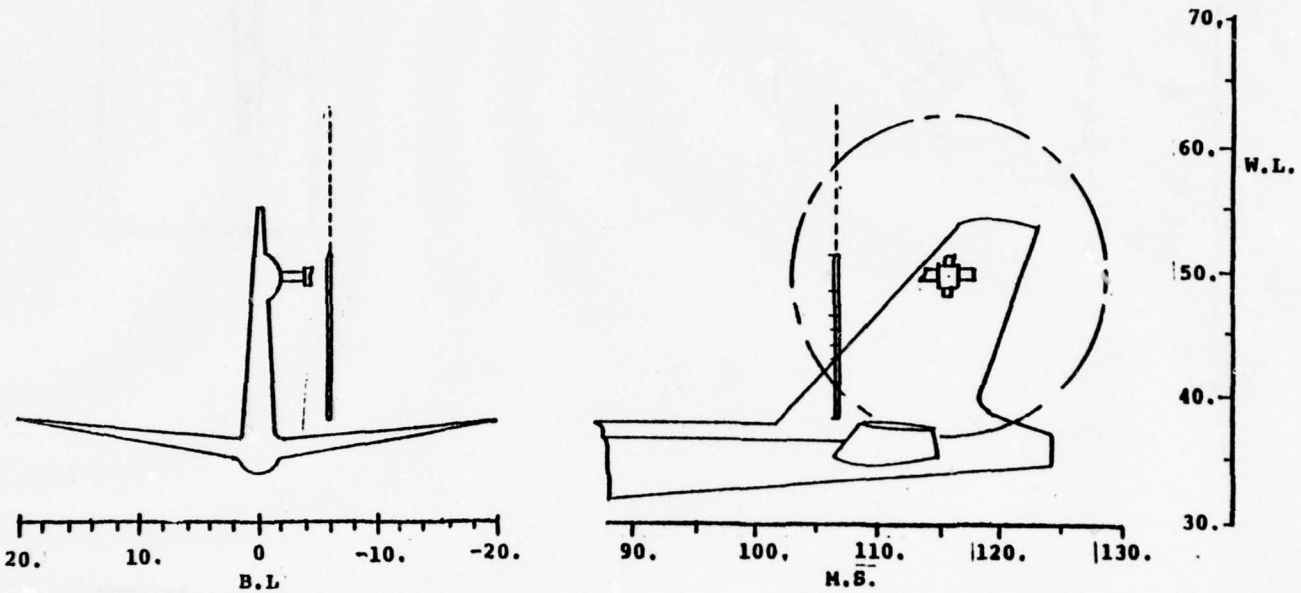


FIGURE 3 -HOT FILM RAKE LOCATIONS

RUN 136

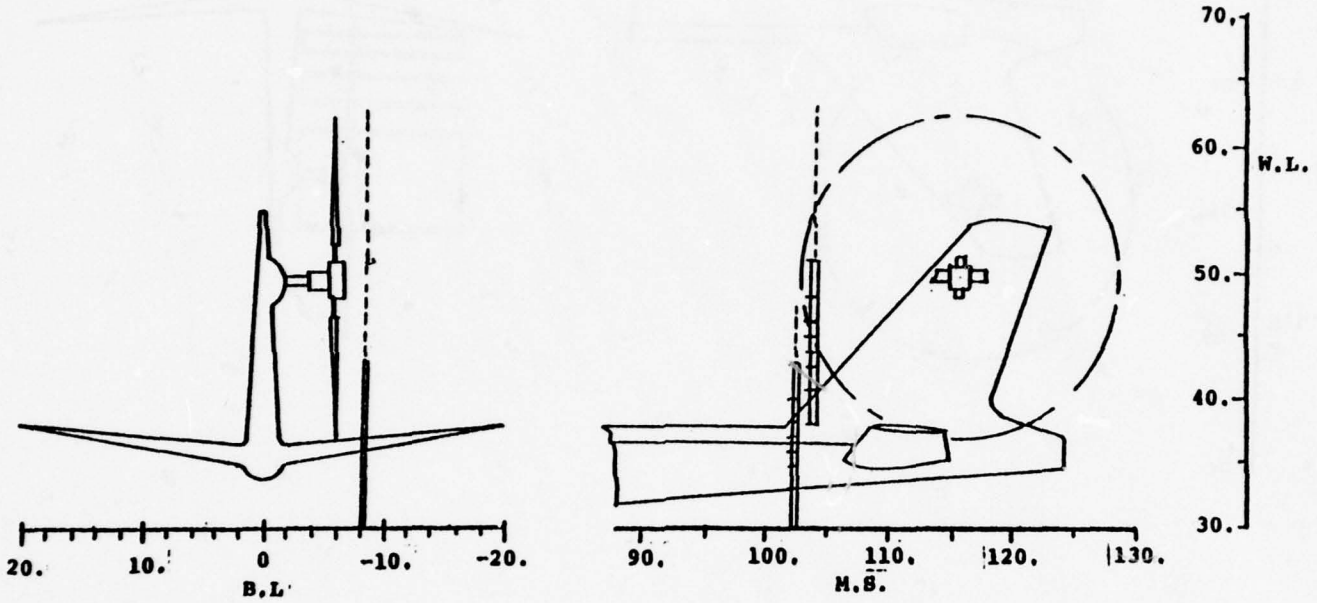


FIGURE 4 -HOT FILM RAKE LOCATIONS

RUN 137, 138, 139, 140, 141, 142,
143, 148, 149, 150, 151

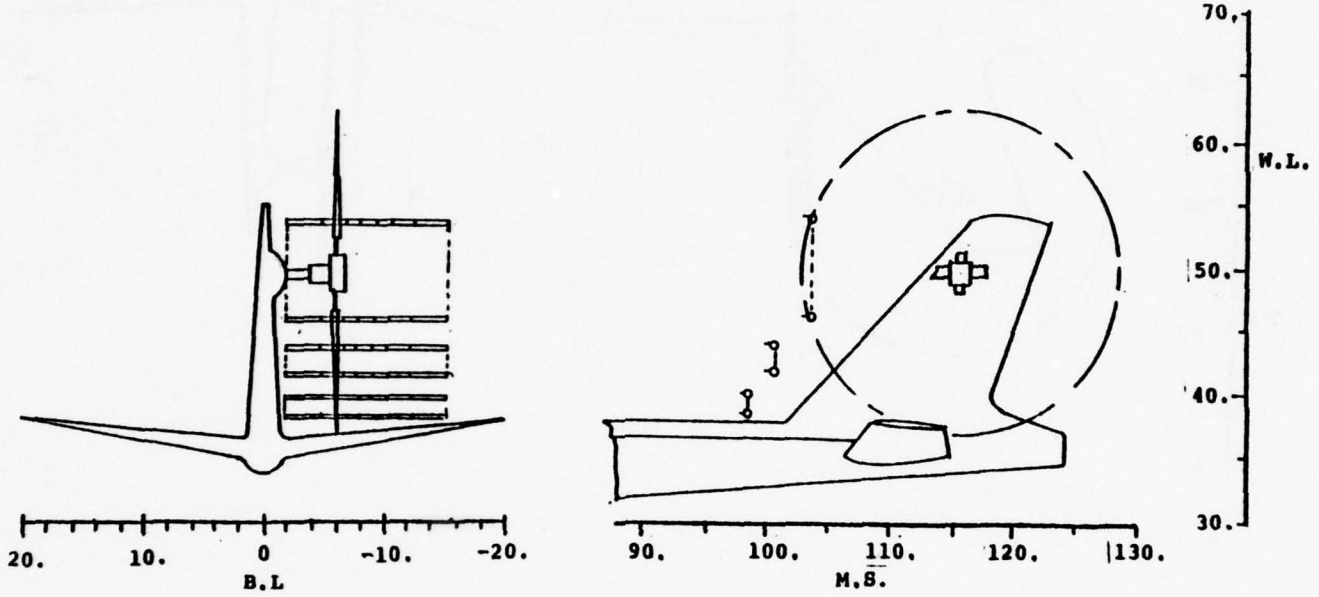


FIGURE 5 -HOT FILM RAKE LOCATIONS

RUN 152-156, 158-211

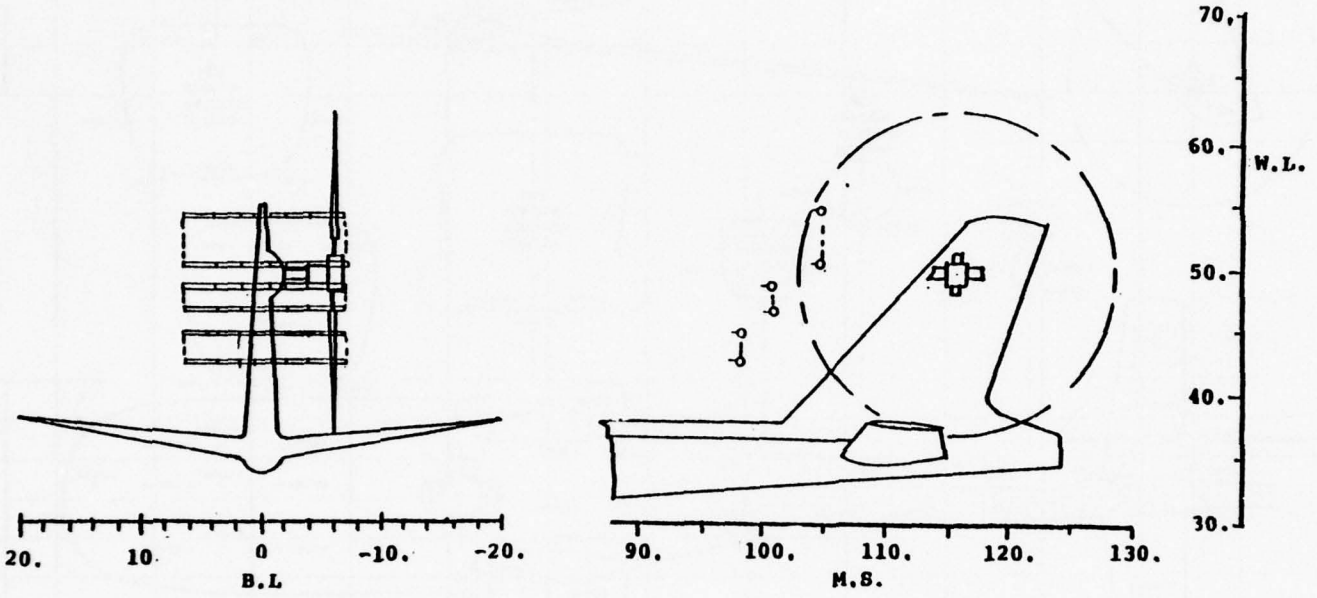


FIGURE 6 -HOT FILM RAKE LOCATIONS

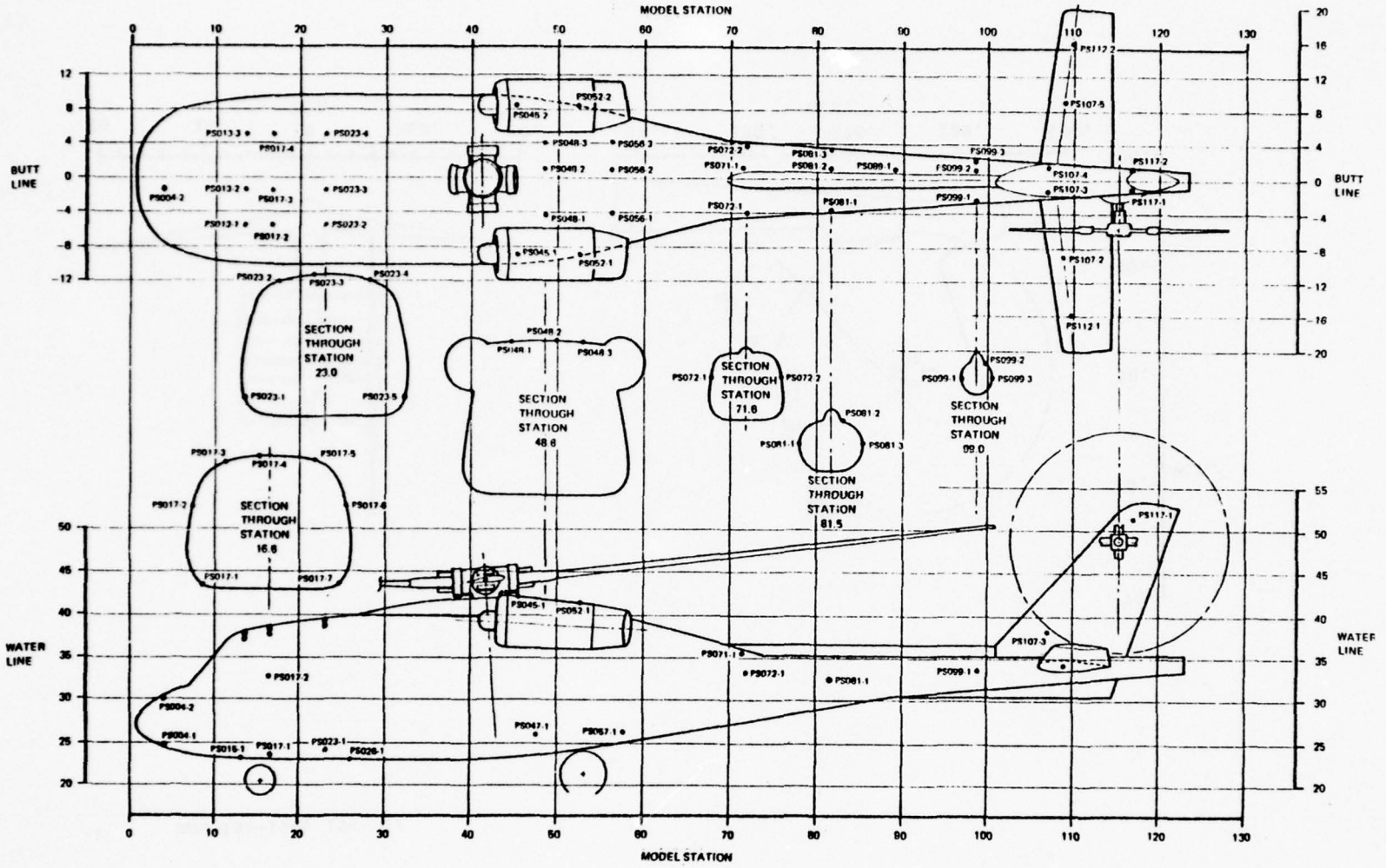
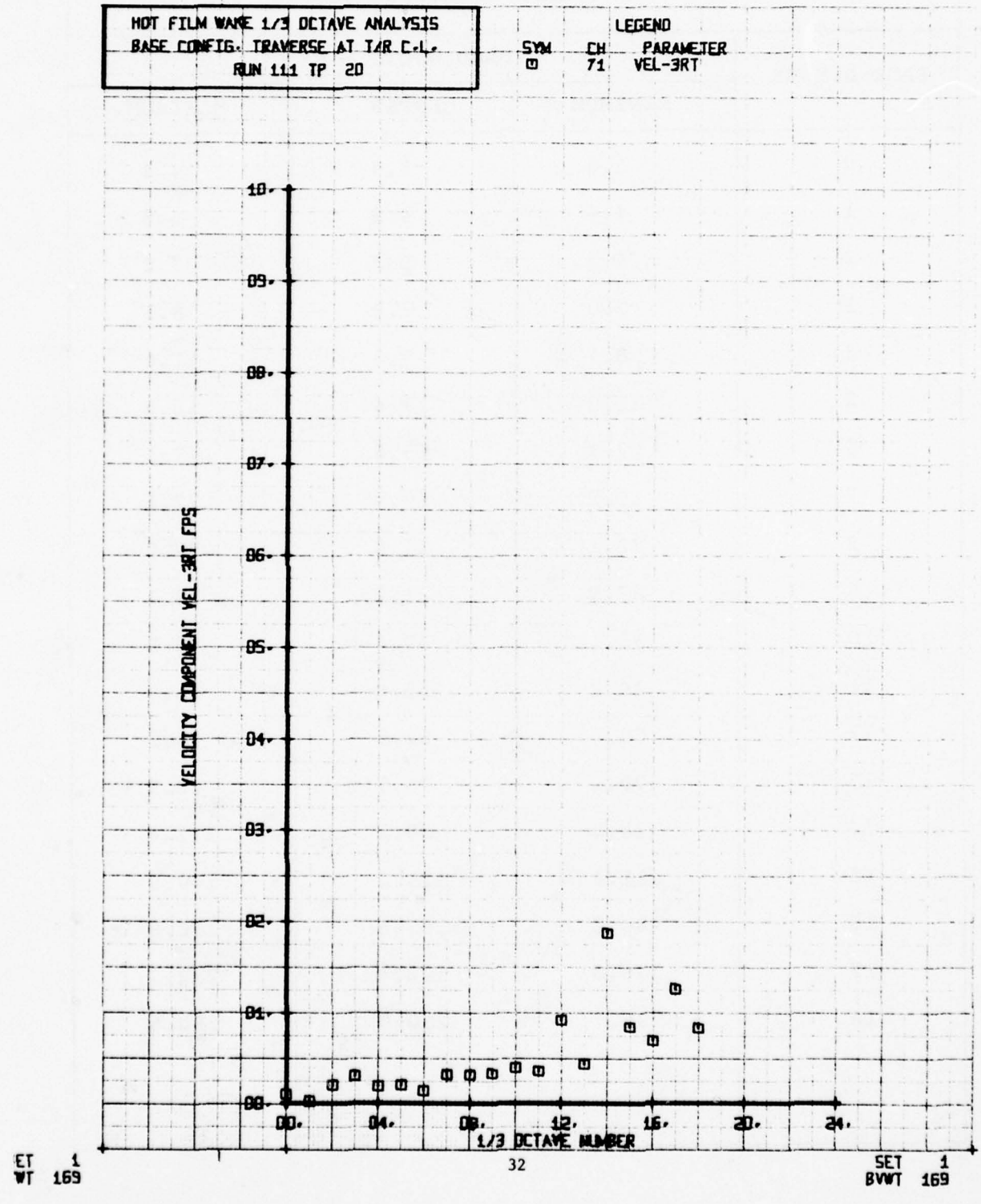


FIGURE 7 -1/4.85 SCALE MODEL GEOMETRY AND SURFACE PRESSURE TRANSDUCER LOCATIONS

TABLE 4
1/3 OCTAVE BAND IDENTIFICATION

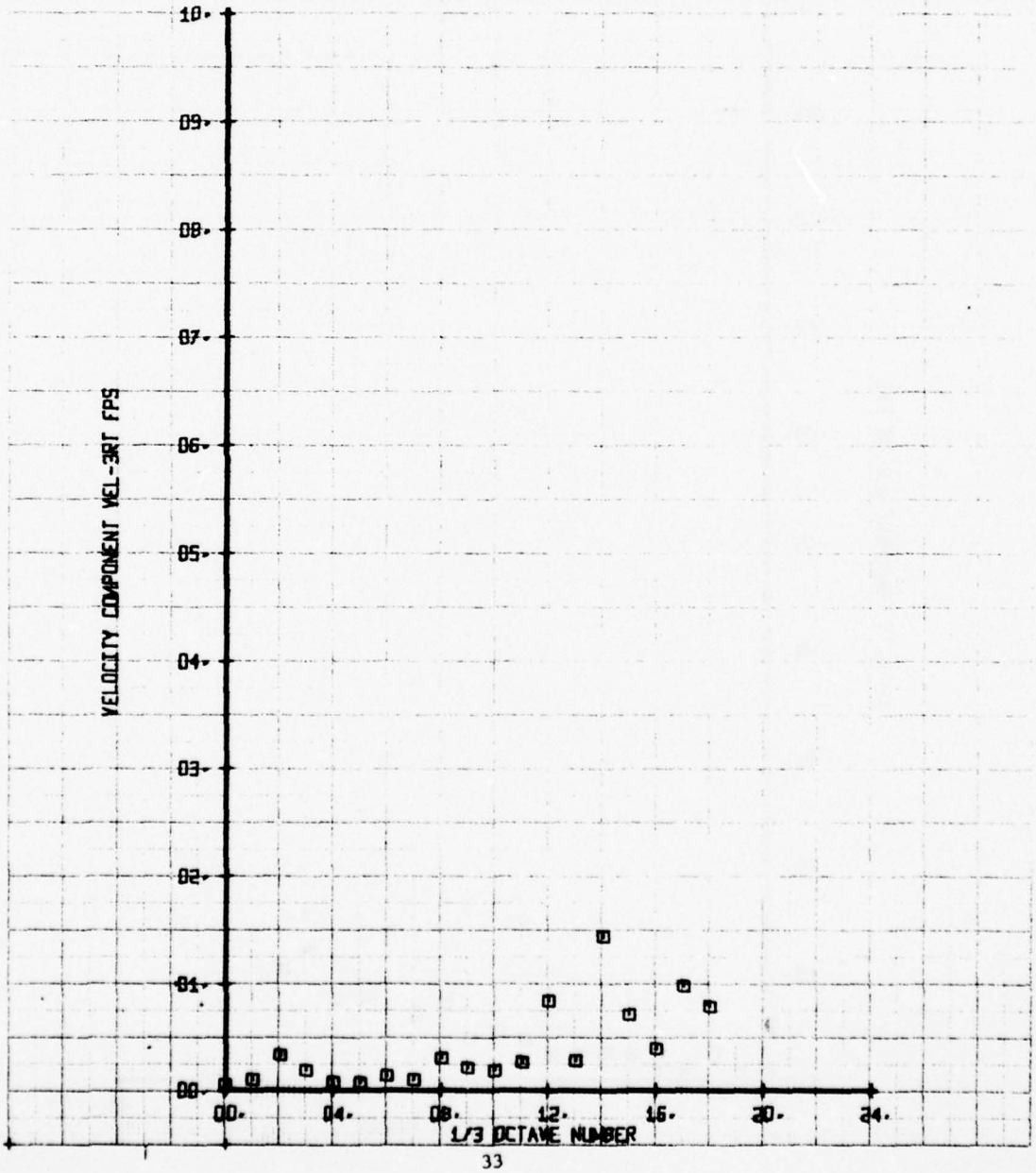
BAND NUMBER	BAND WIDTH - Hz		
	MINIMUM	CENTER	MAXIMUM
0	3.5	3.4	4.4
1	4.4	4.9	5.5
2	5.5	6.2	7.0
3	7.0	7.8	8.7
4	8.7	9.8	11.0
5	11.0	12.4	13.9
6	13.4	15.6	17.5
7	17.5	19.7	22.1
8	22.1	24.8	27.8
9	27.8	31.25	35.1
10	35.1	39.4	44.2
11	44.2	49.6	55.7
12	55.7	62.5	70.2
13	70.2	78.7	88.9
14	88.9	99.2	111.4
15	111.4	125.0	140.3
16	140.3	157.5	176.8
17	176.8	198.4	222.7
18	222.7	250.0	280.6


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 20
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
ET 1
WT 169
SET 1
BVWT 169

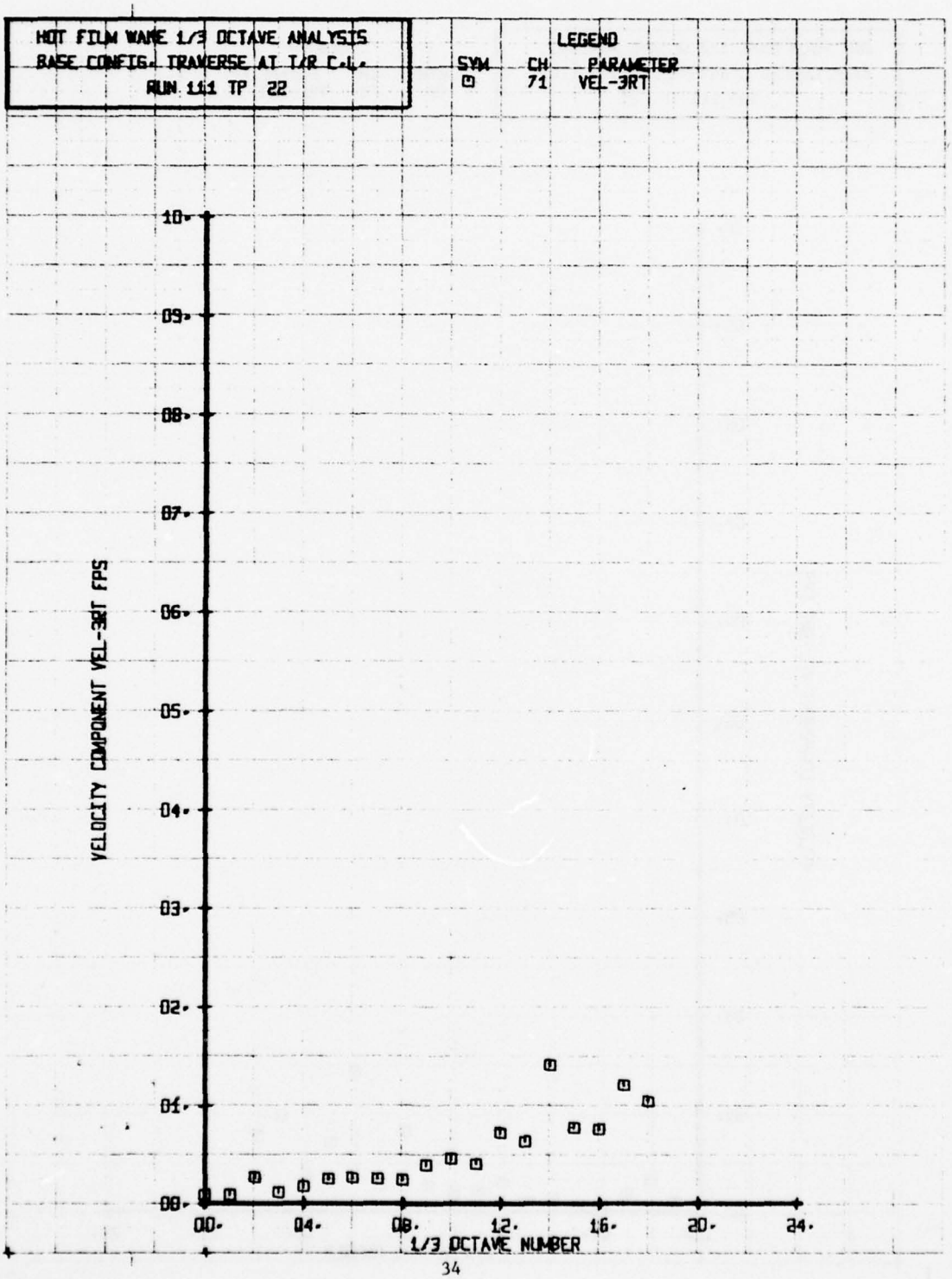
HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 21

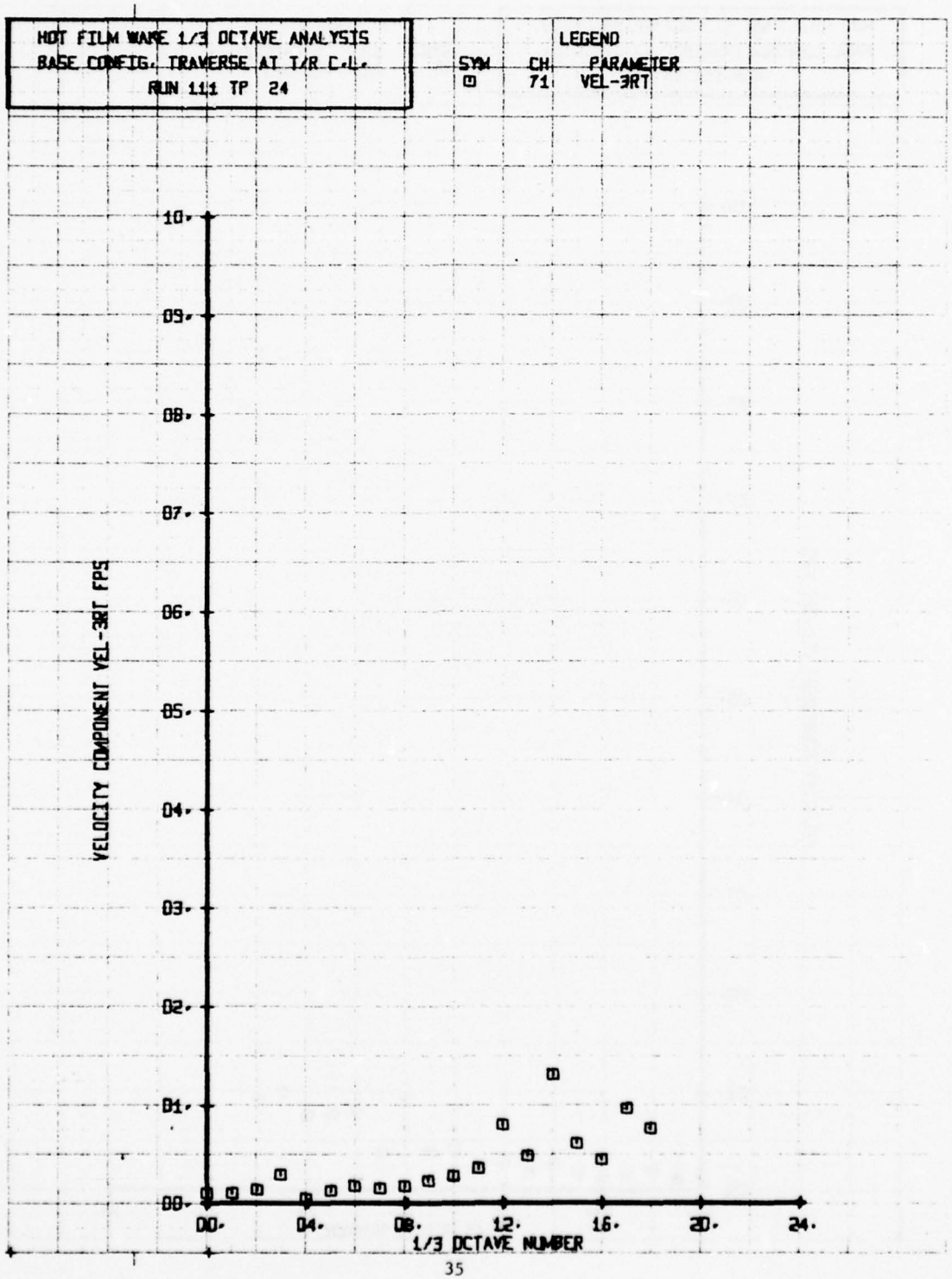
LEGEND

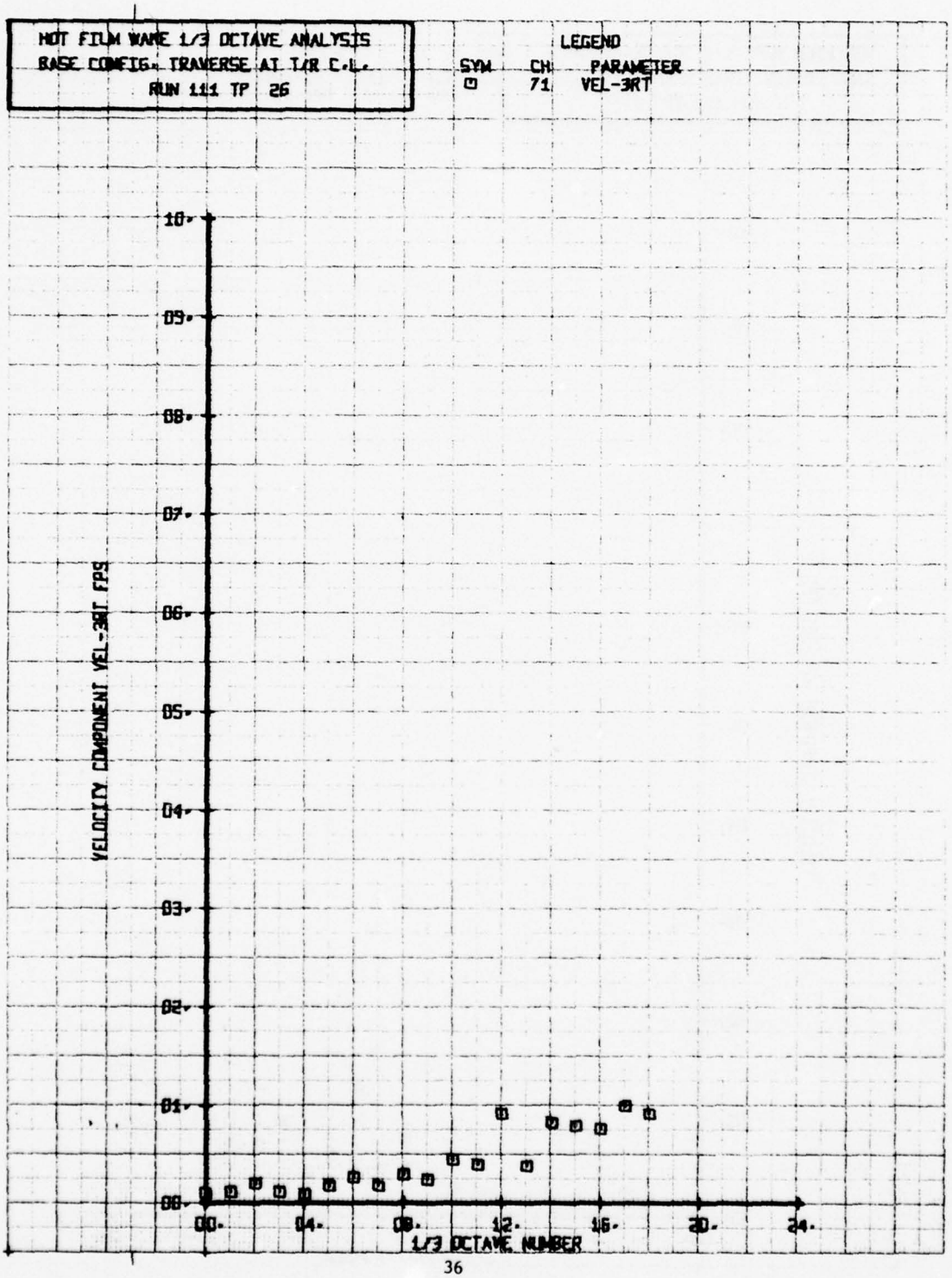
SYM	CH	PARAMETER
□	71	VEL-3RT

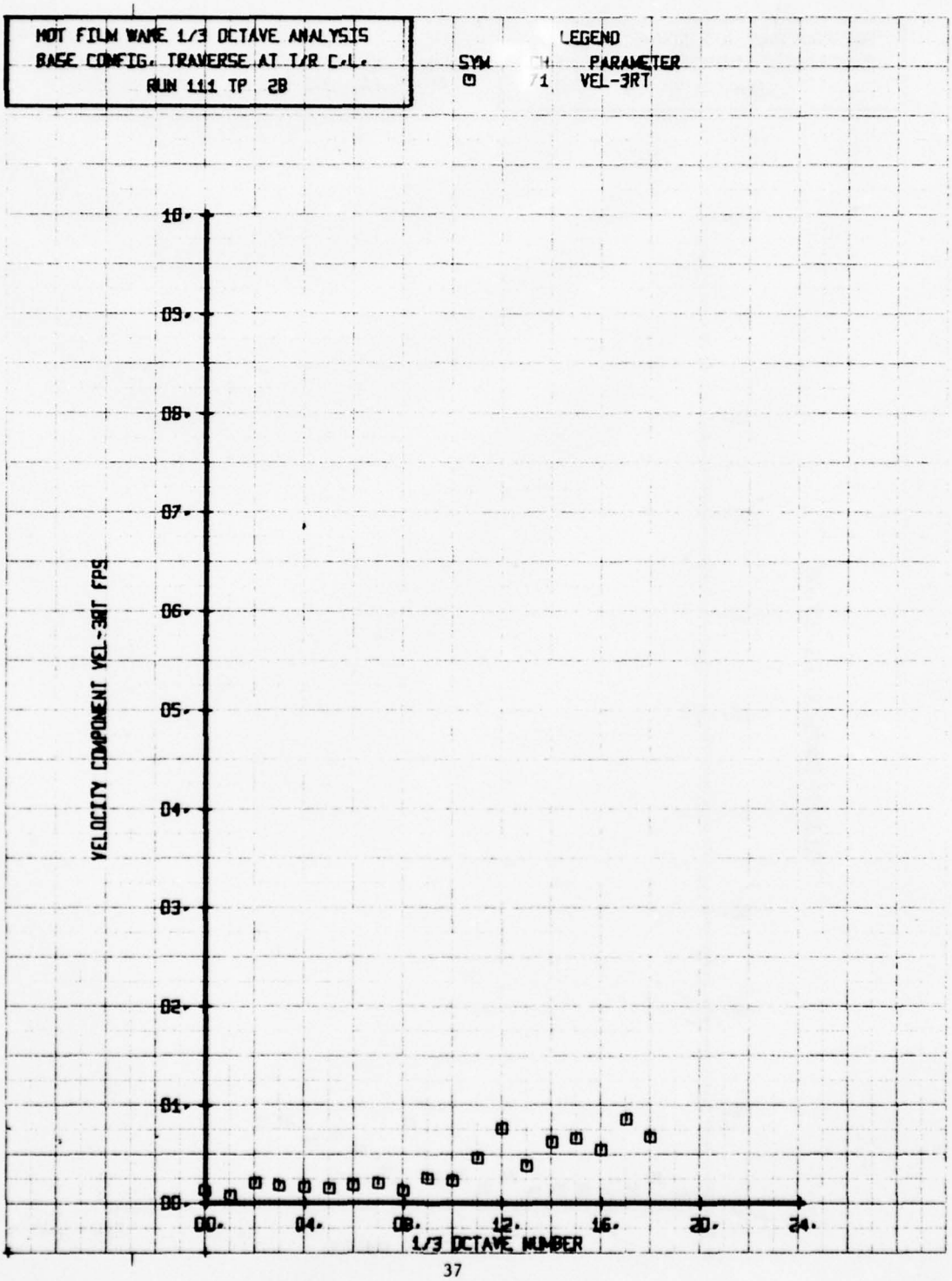


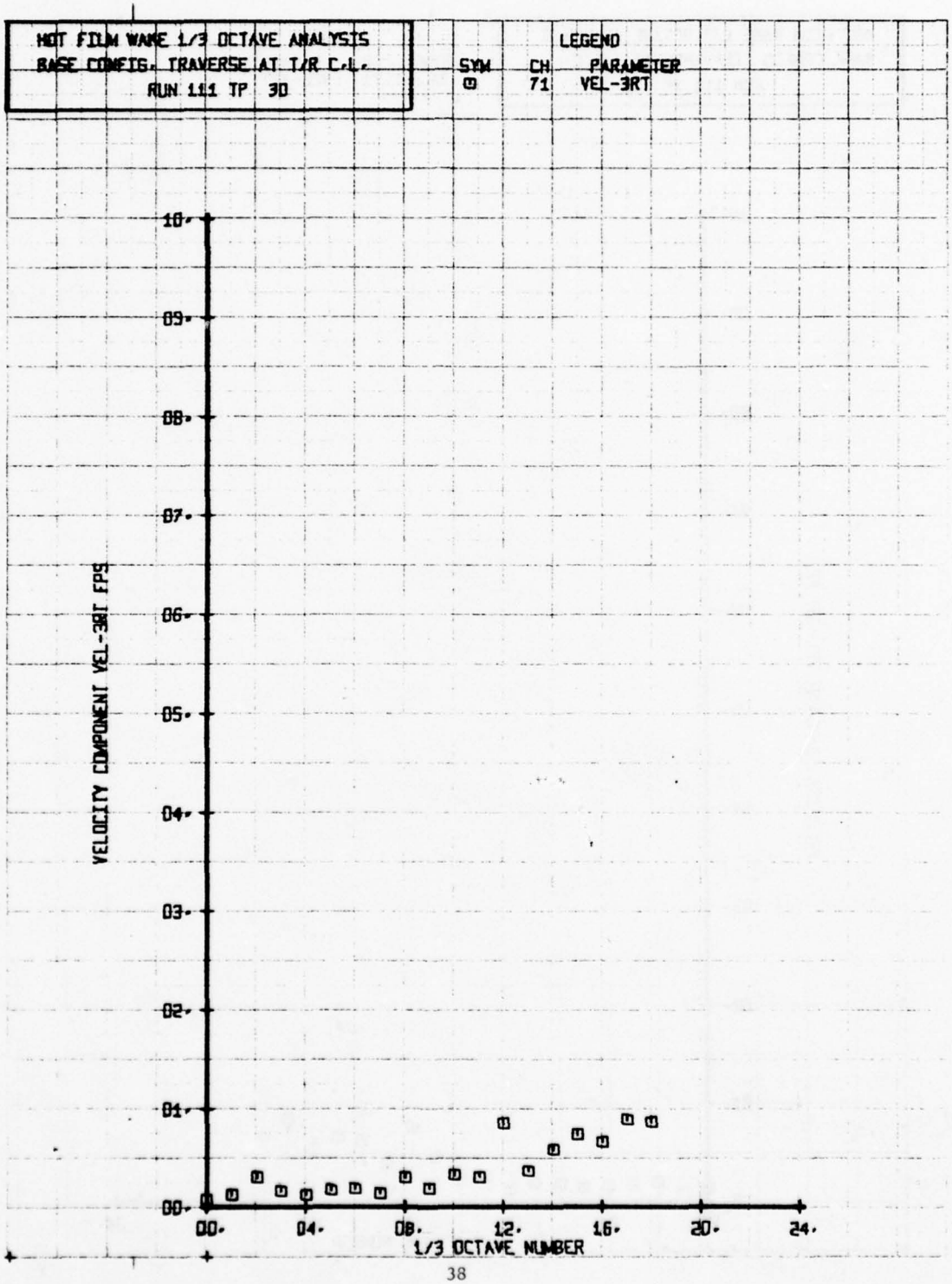
ET 1
WT 169

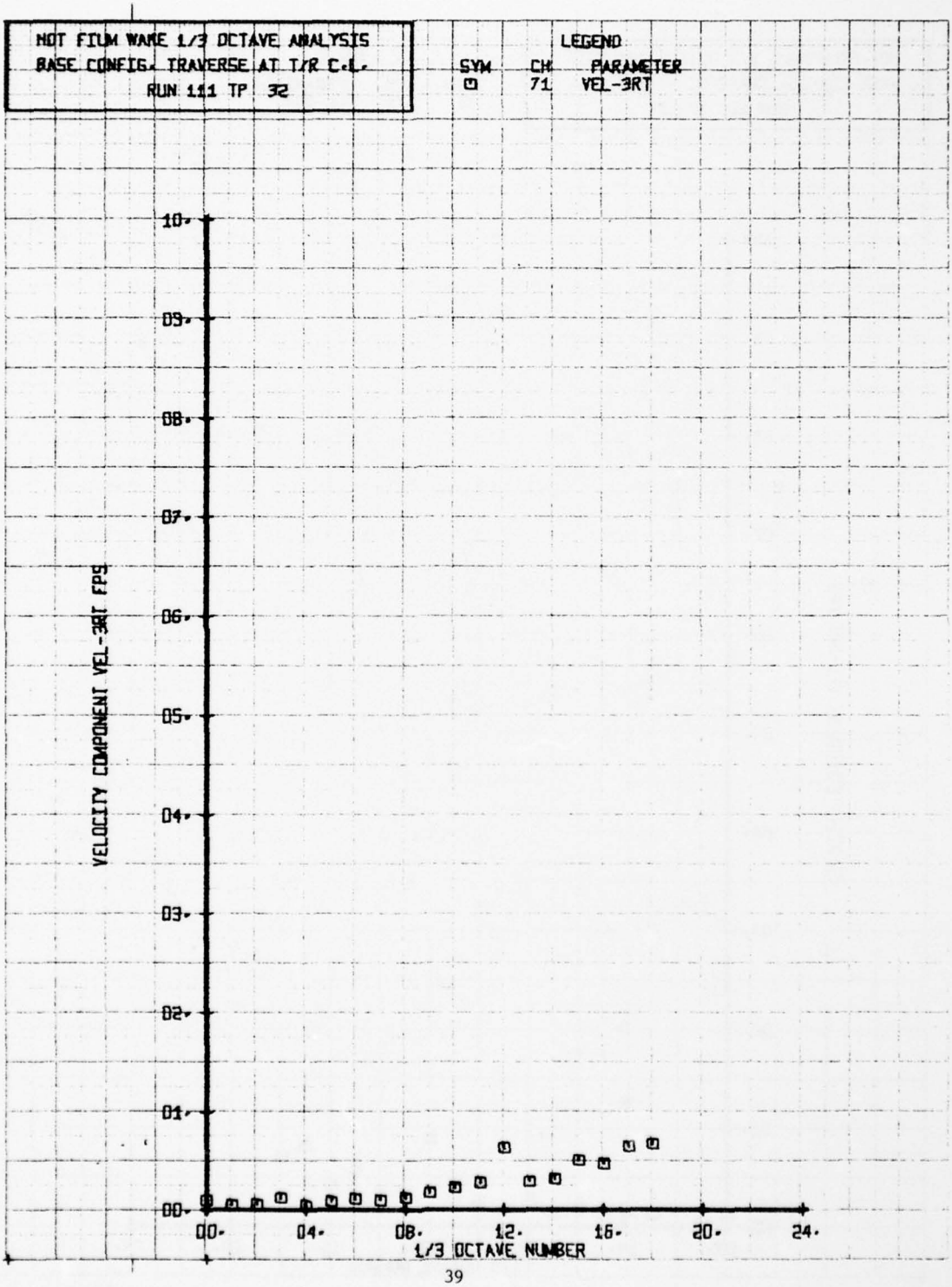

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 22
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

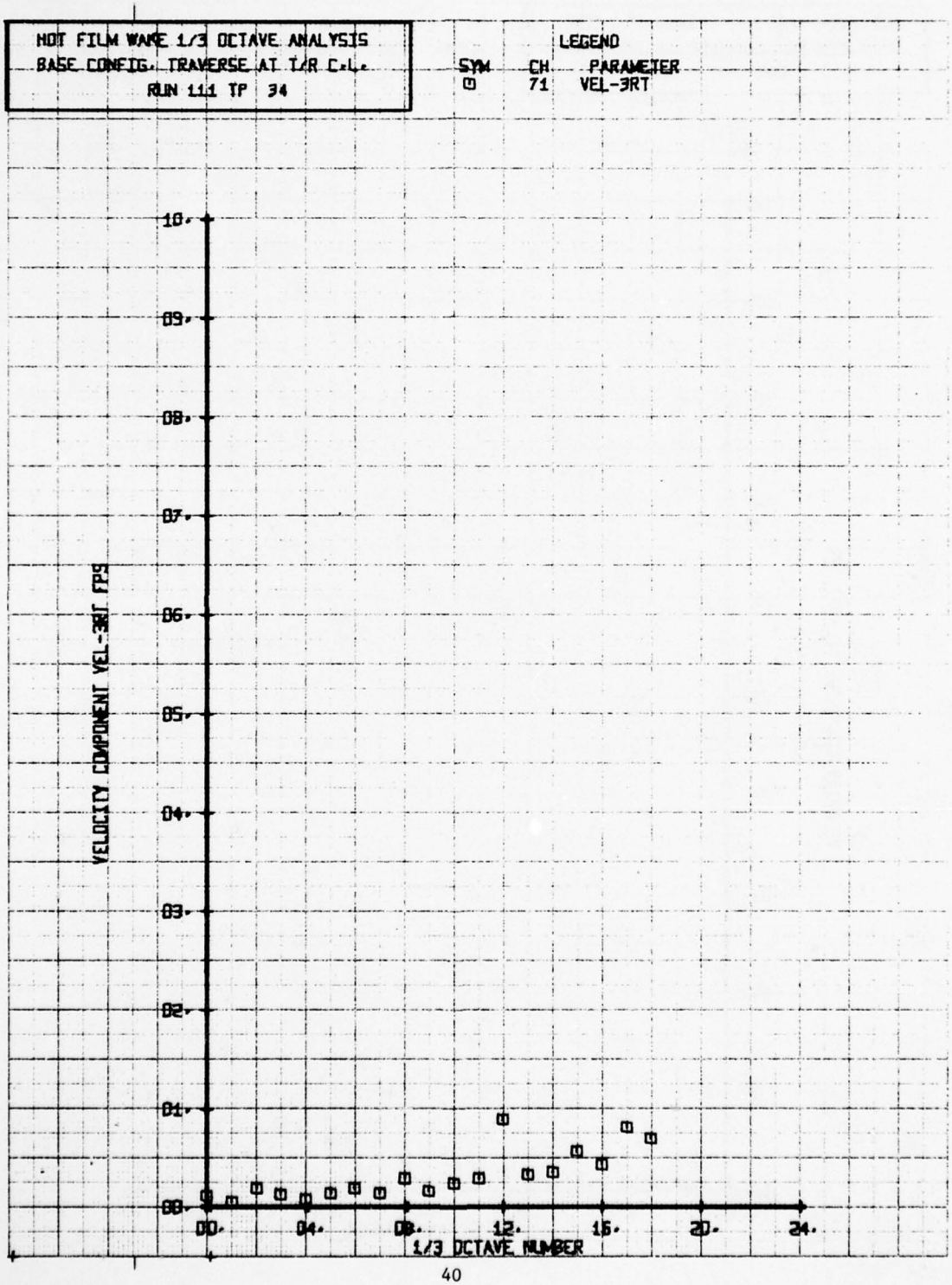

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 24
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

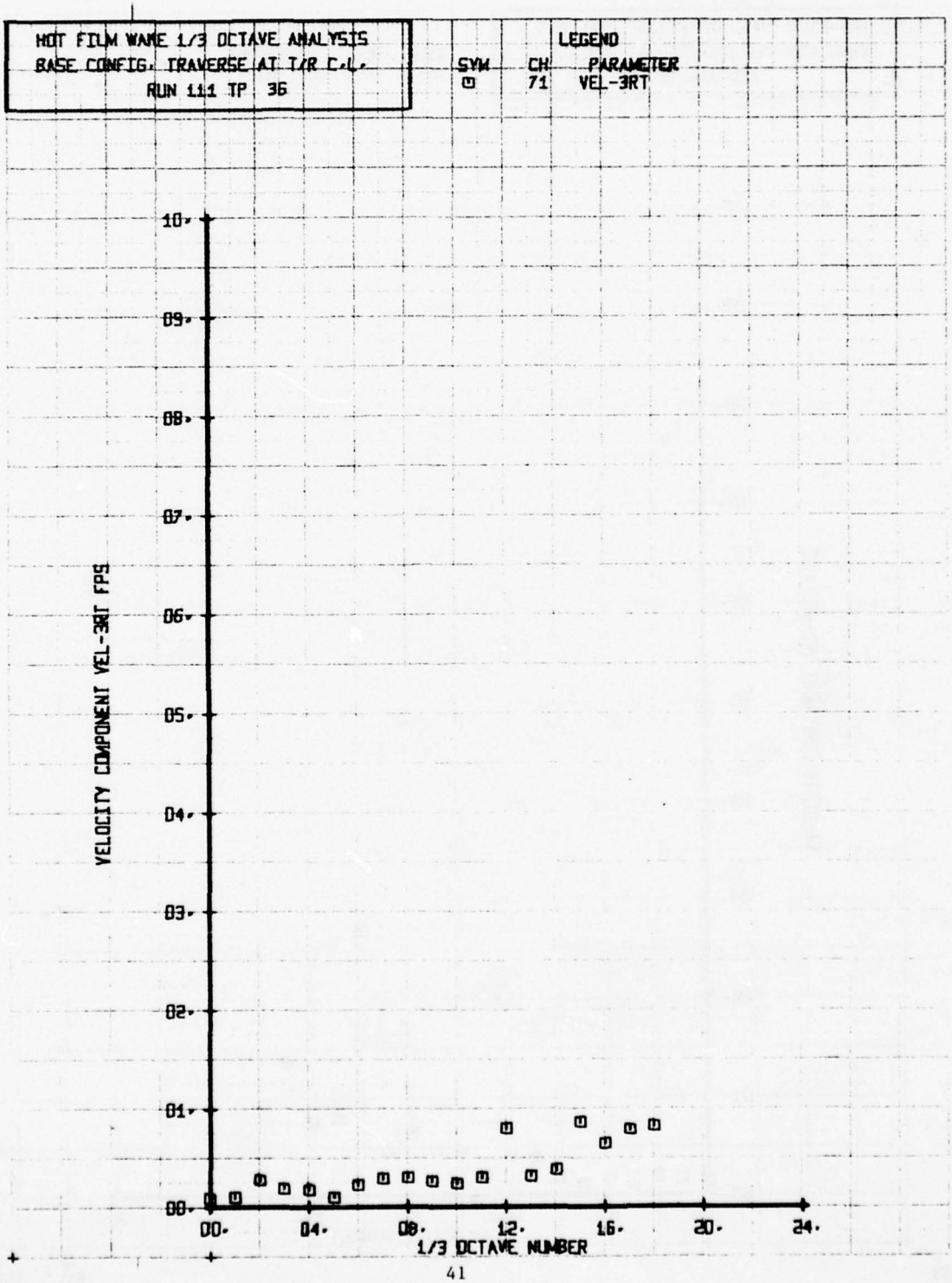

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 26
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

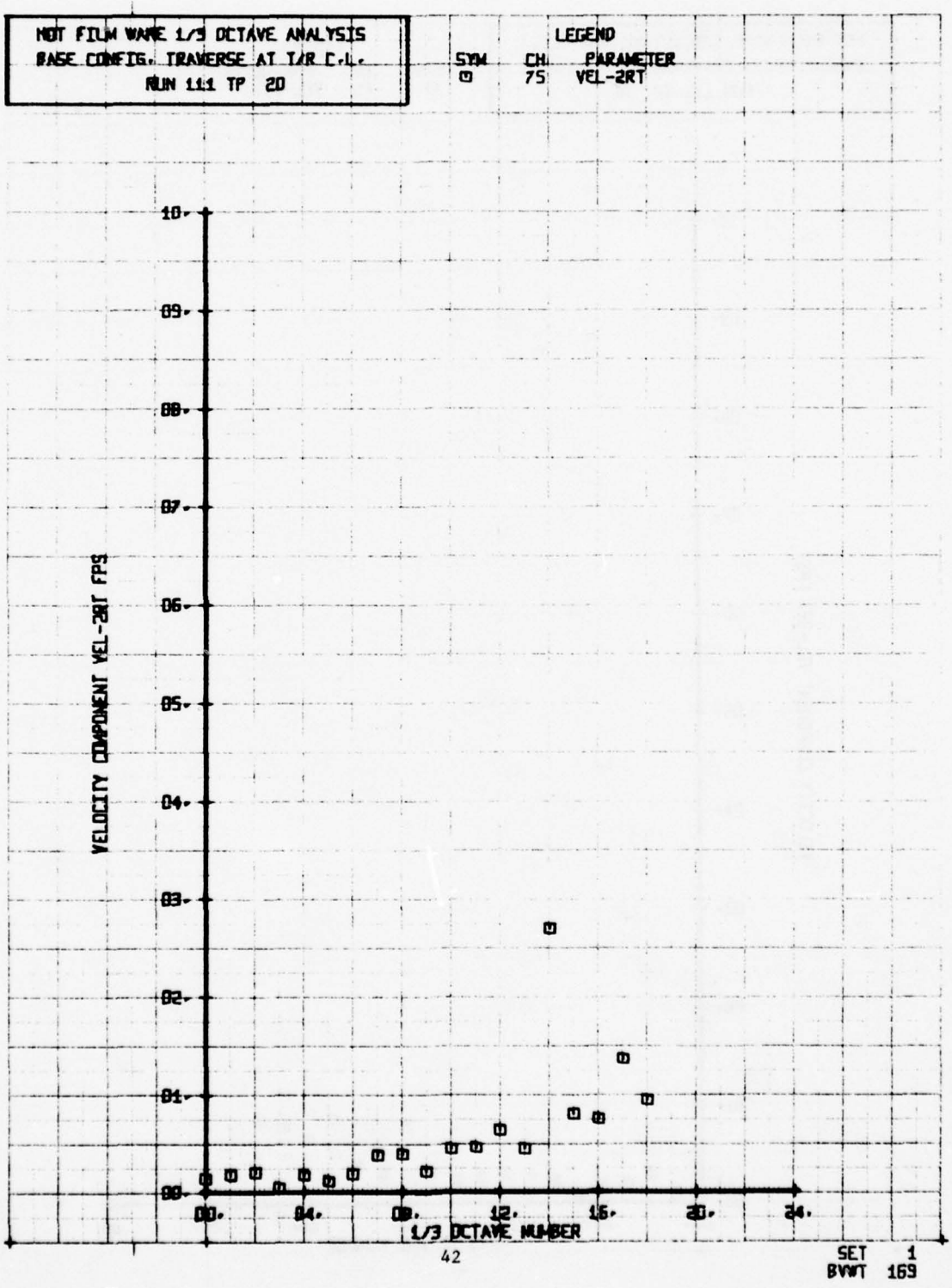

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 28
LEGEND
SYM # PARAMETER
1 VEL-3RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

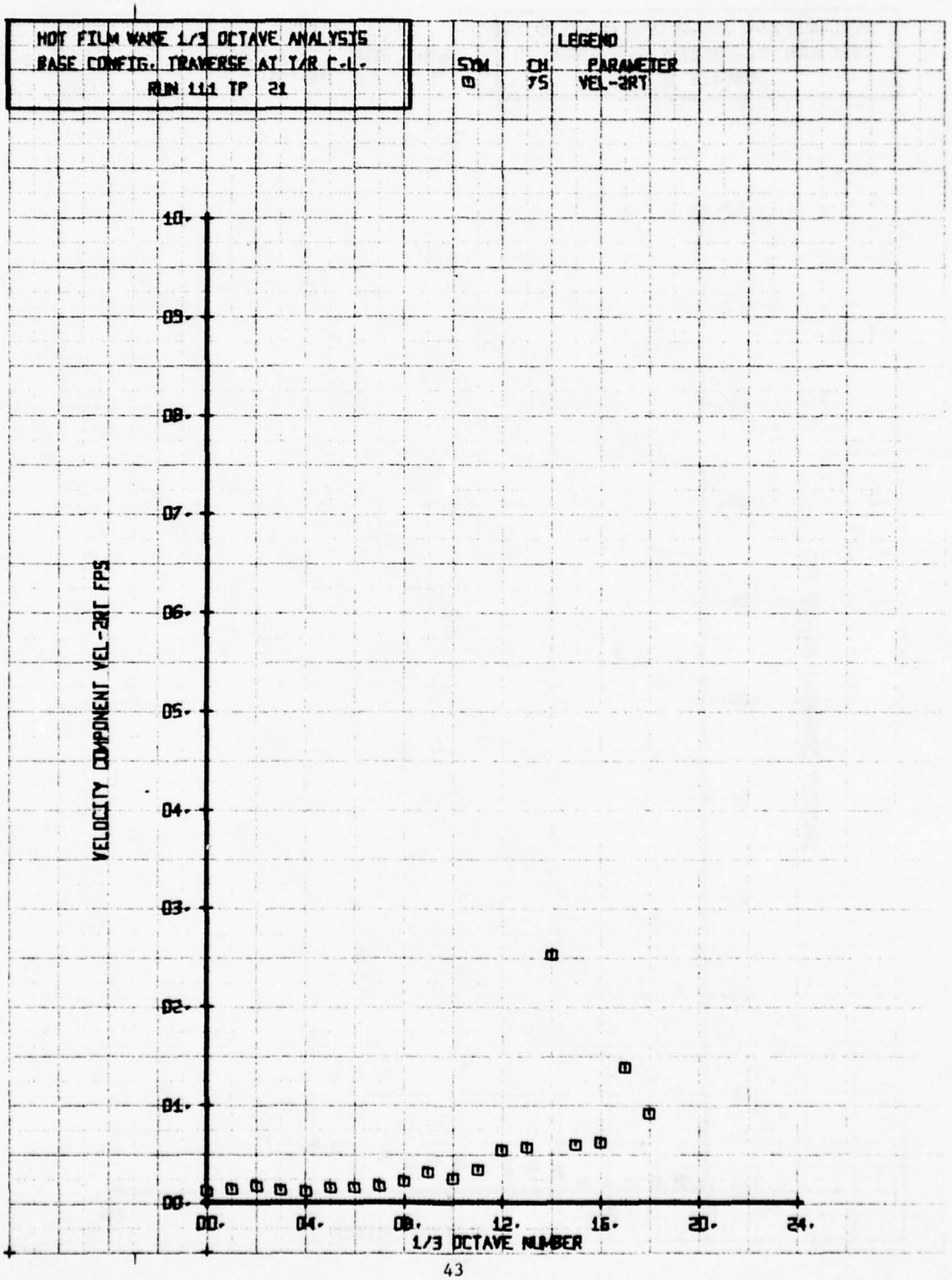

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 30
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 32
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

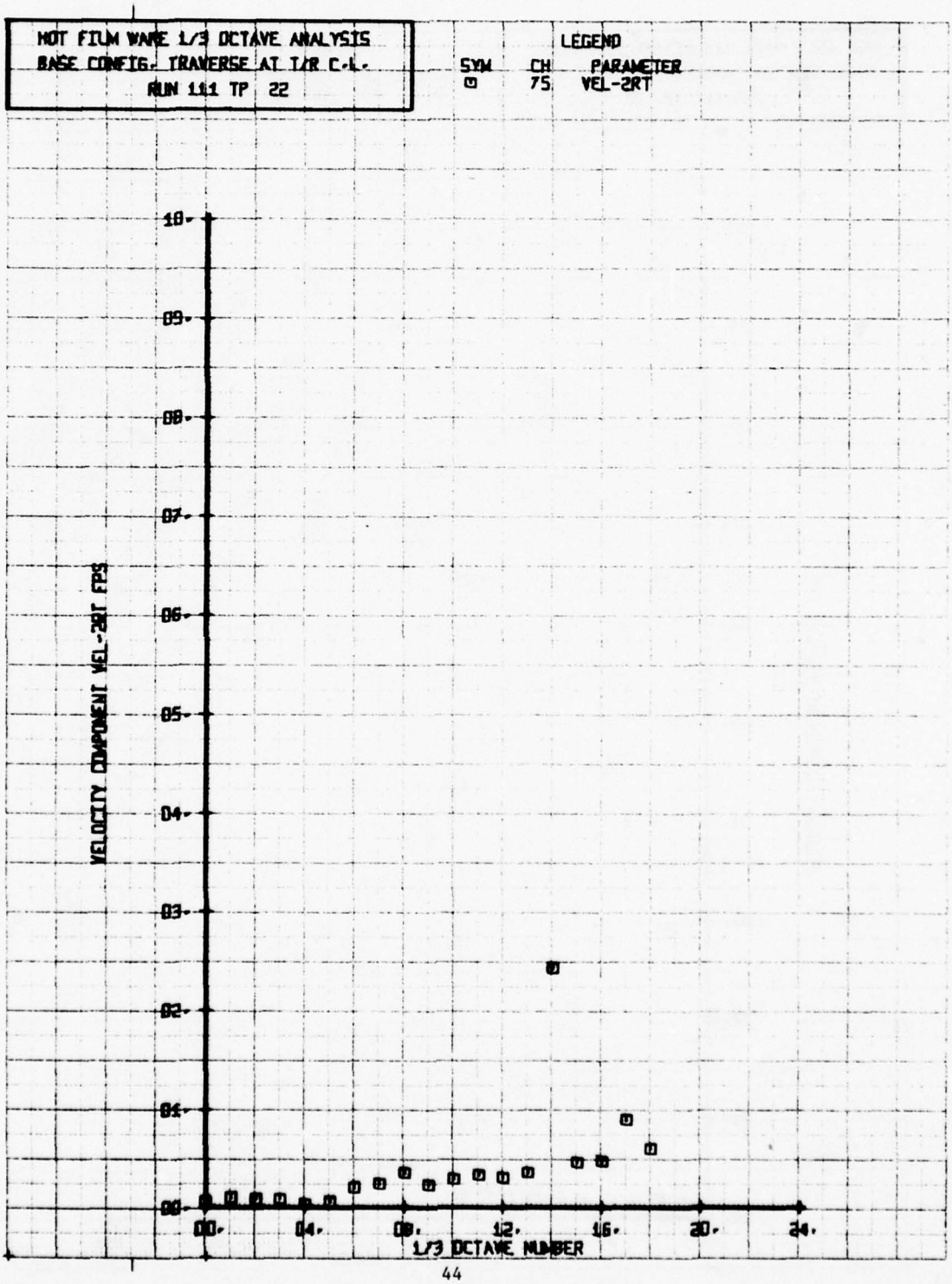

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 34
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

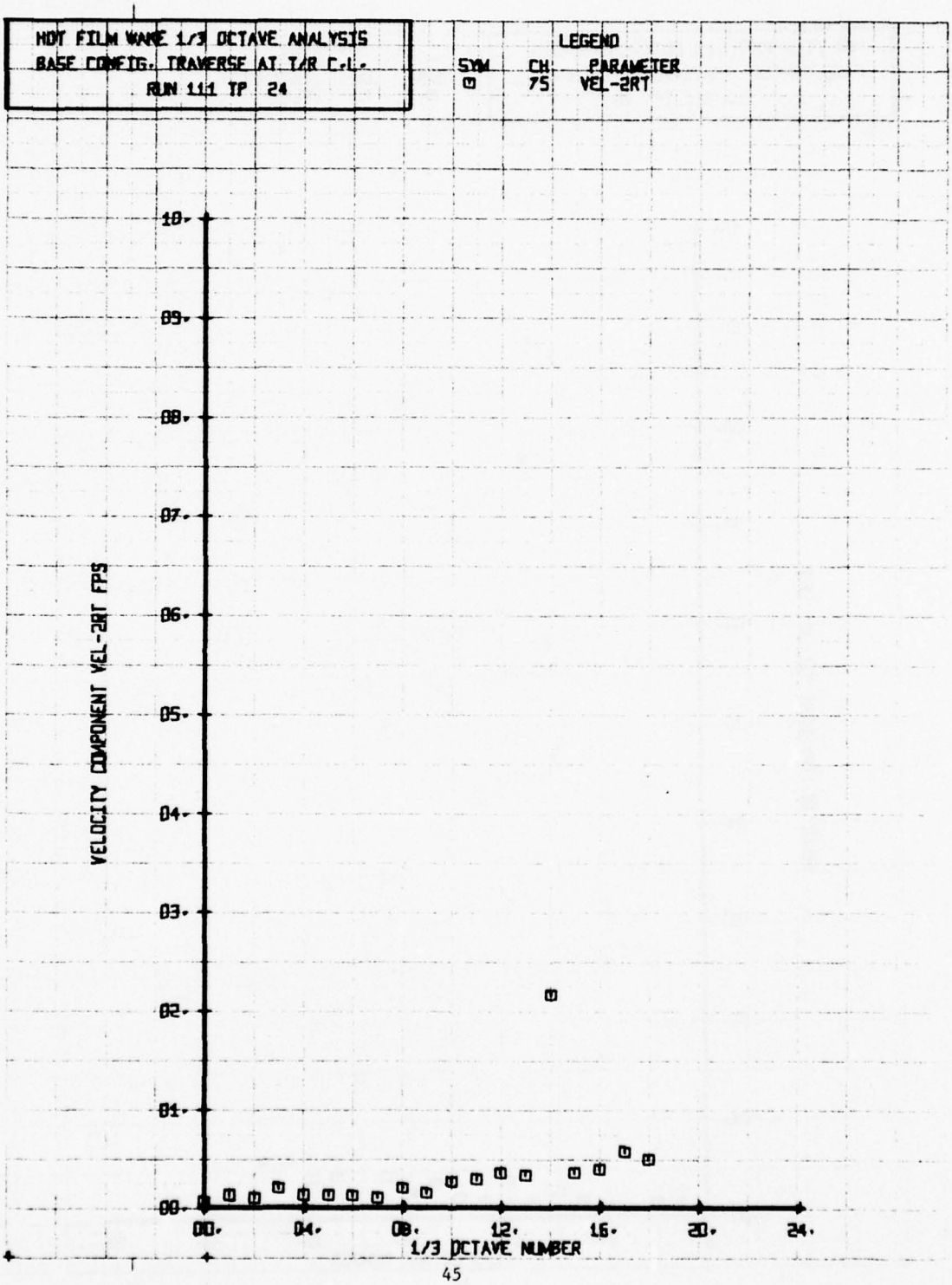

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 36
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

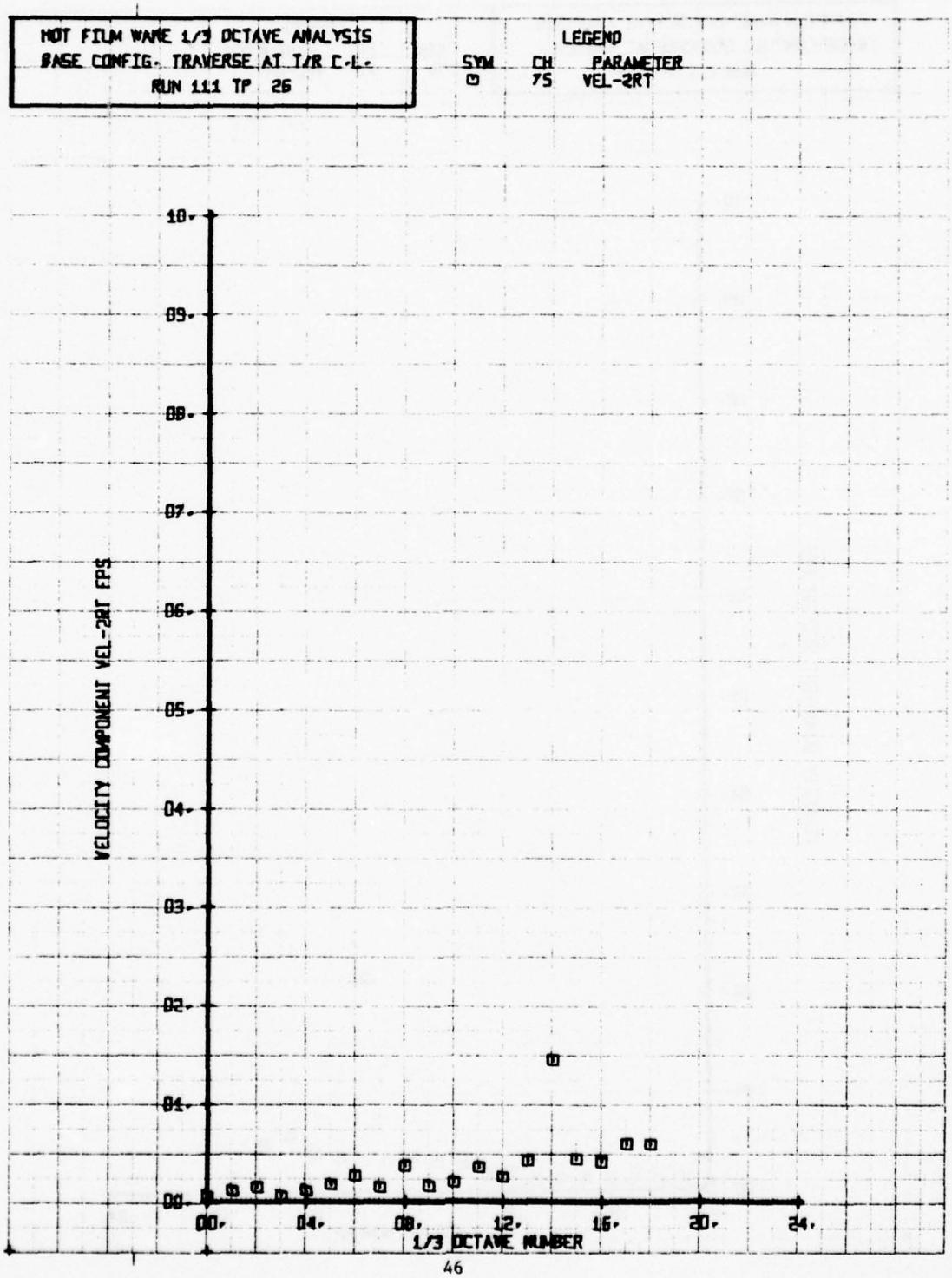

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 20
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
SET 1
WT 169
SET 1
WT 169

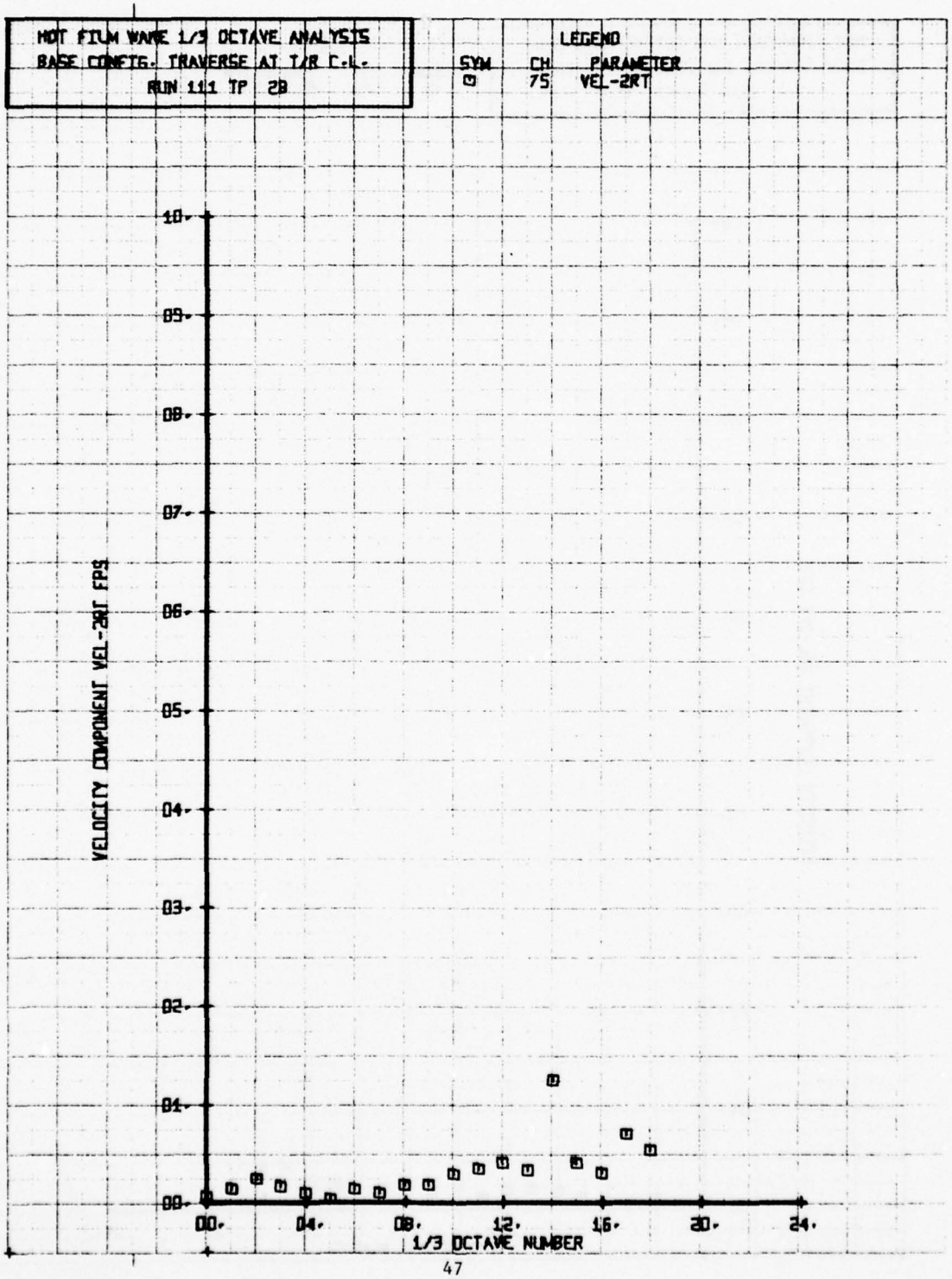

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 21
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

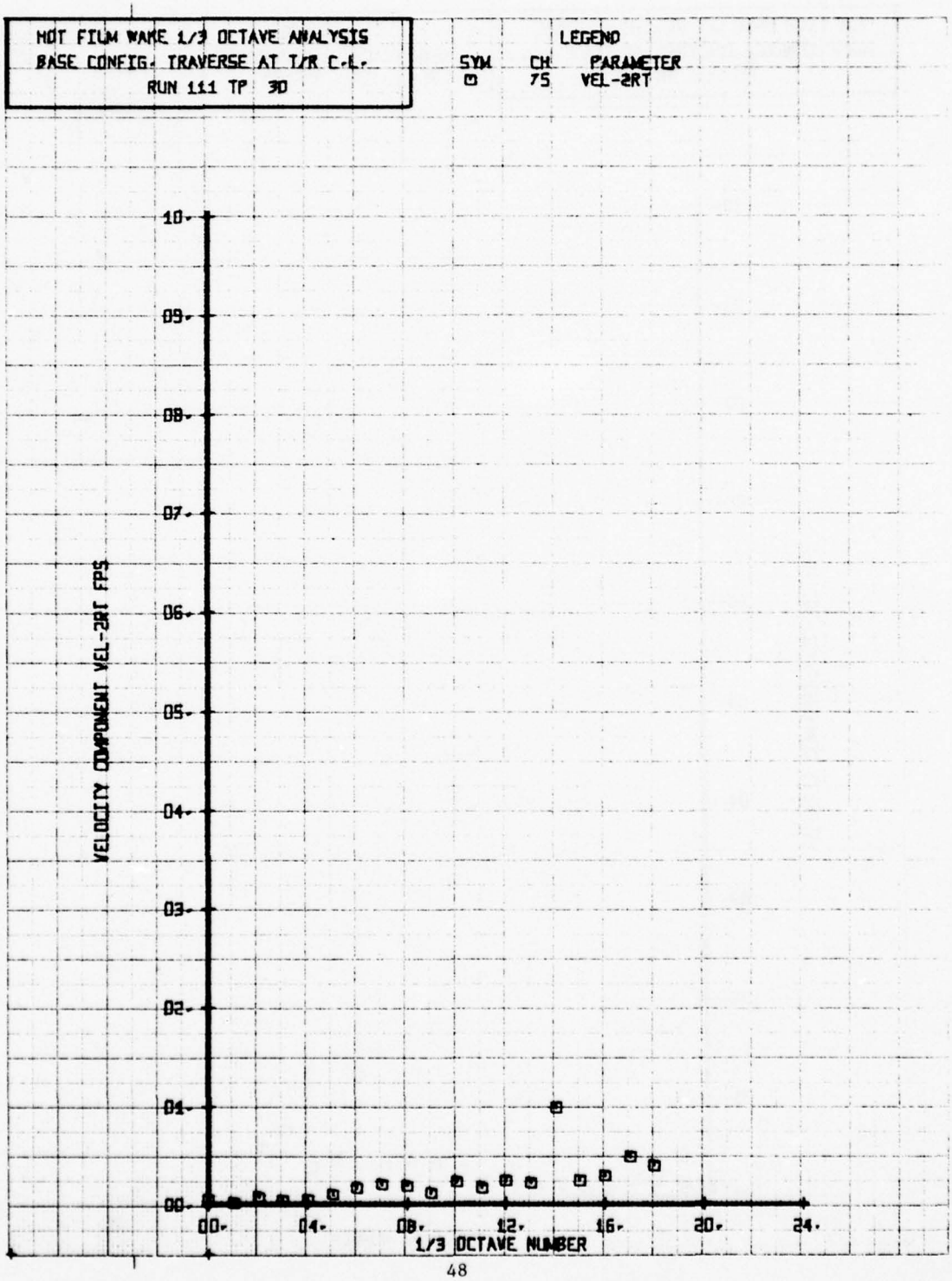
ET 1
WT 169

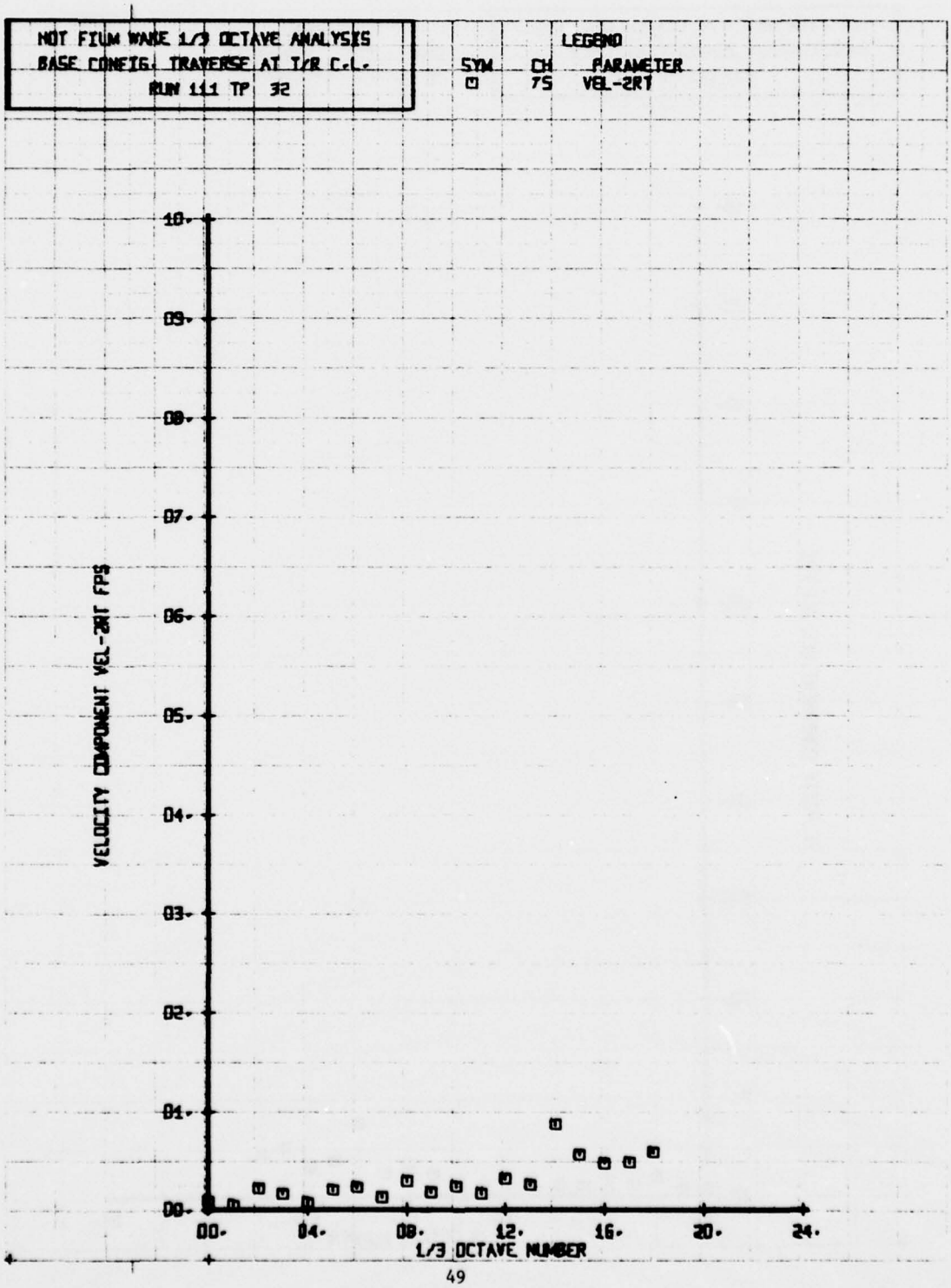

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 22
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

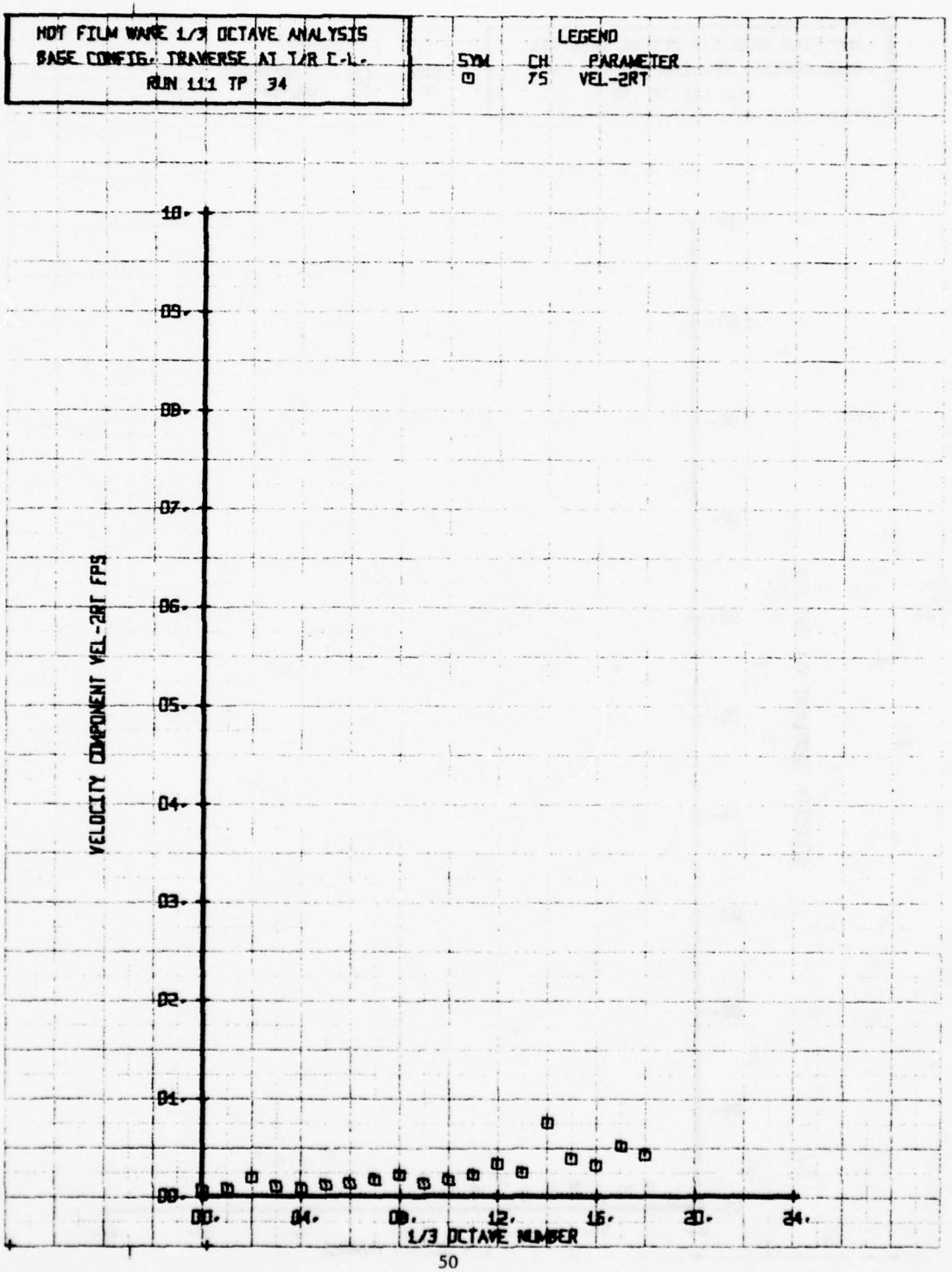

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 24
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-2RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

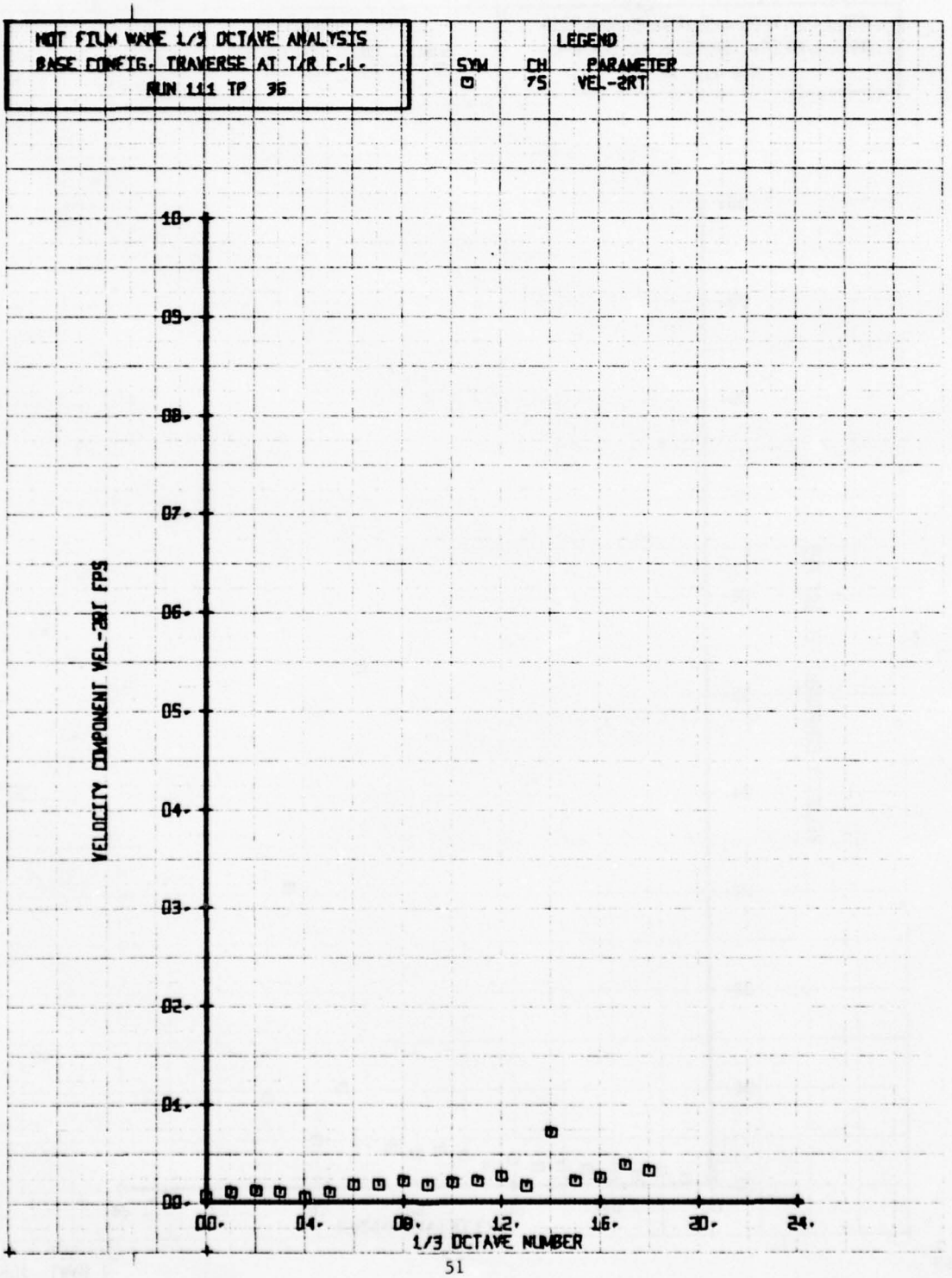

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 26
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-2RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

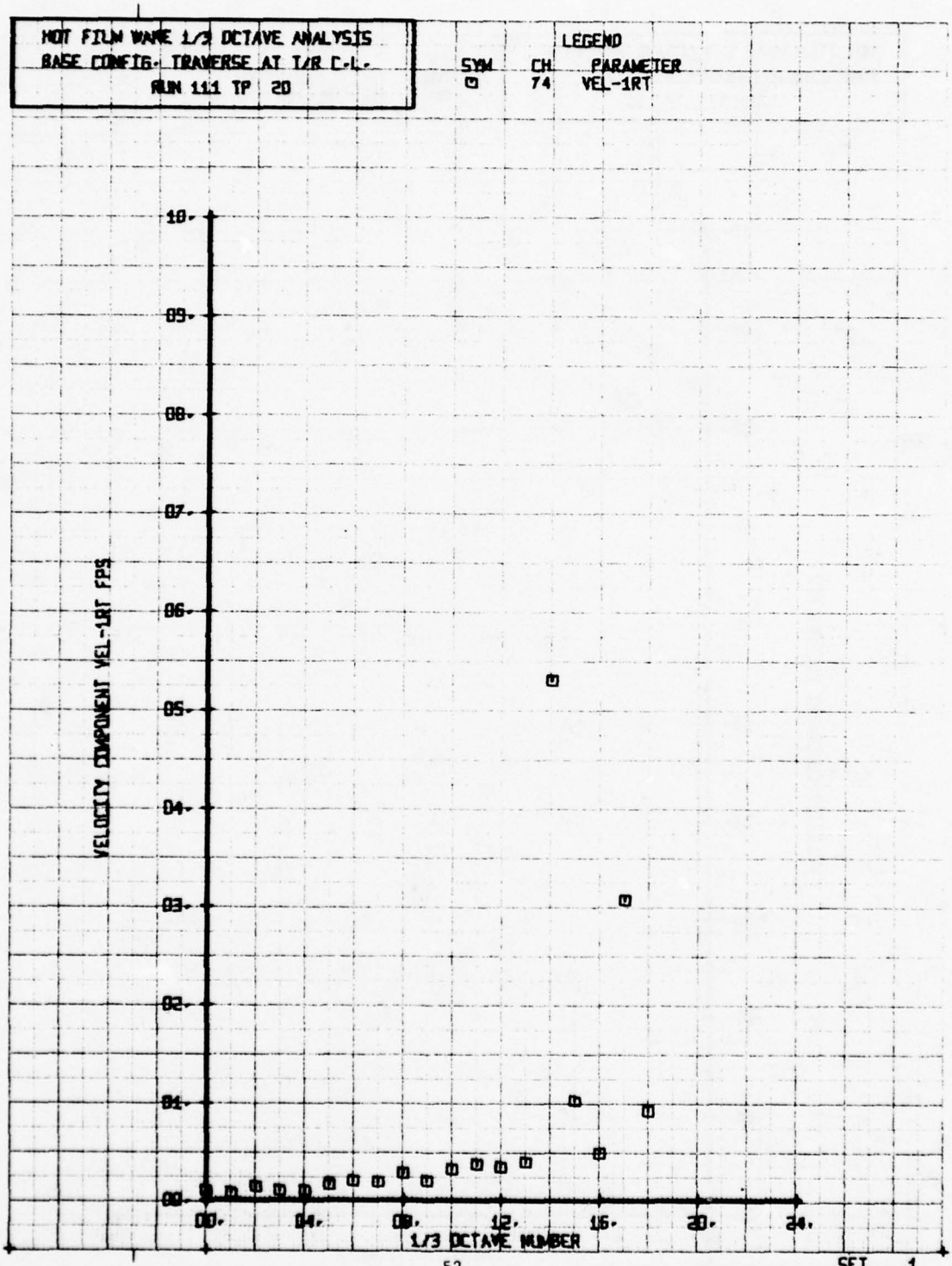

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 28
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-2RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

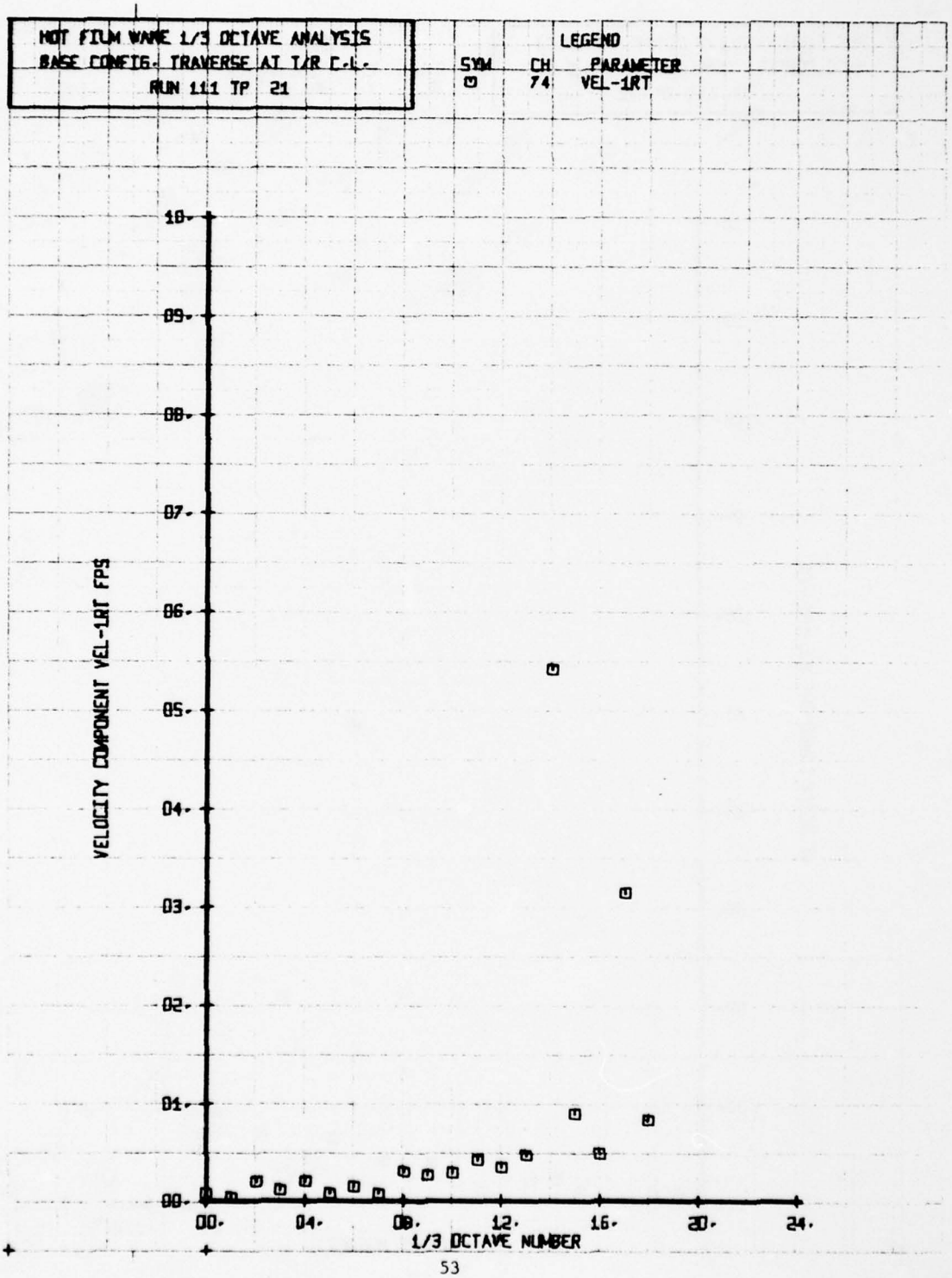

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 30
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10
09
08
07
06
05
04
03
02
01
00
VELOCITY COMPONENT VEL-2RT FPS
00
04
08
12
16
20
24
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 32
LEGEND
SYM CH PARAMETER
7S VEL-2RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-2RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

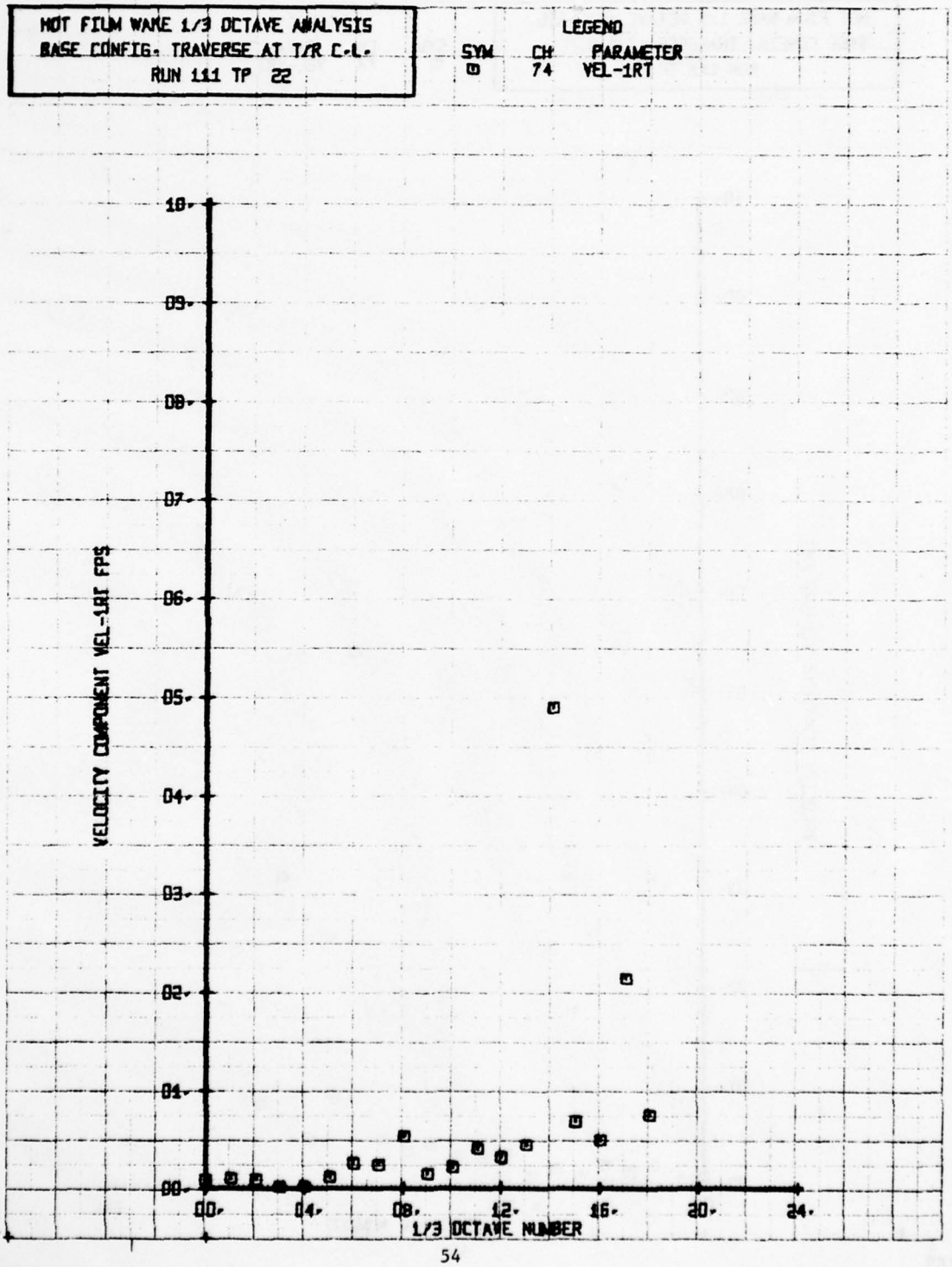

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C-L.
RUN 111 TP 34
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

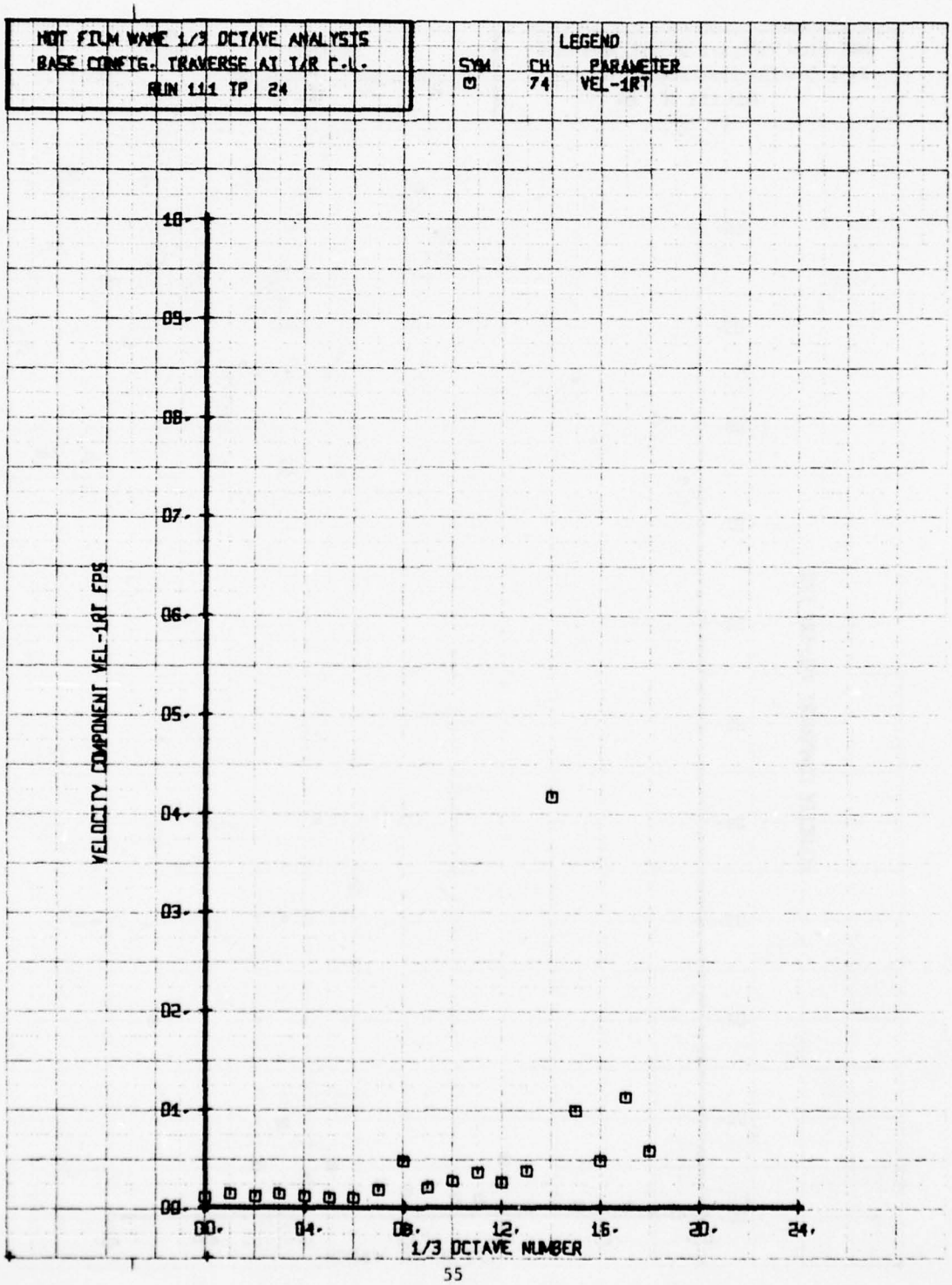

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 36
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-2RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

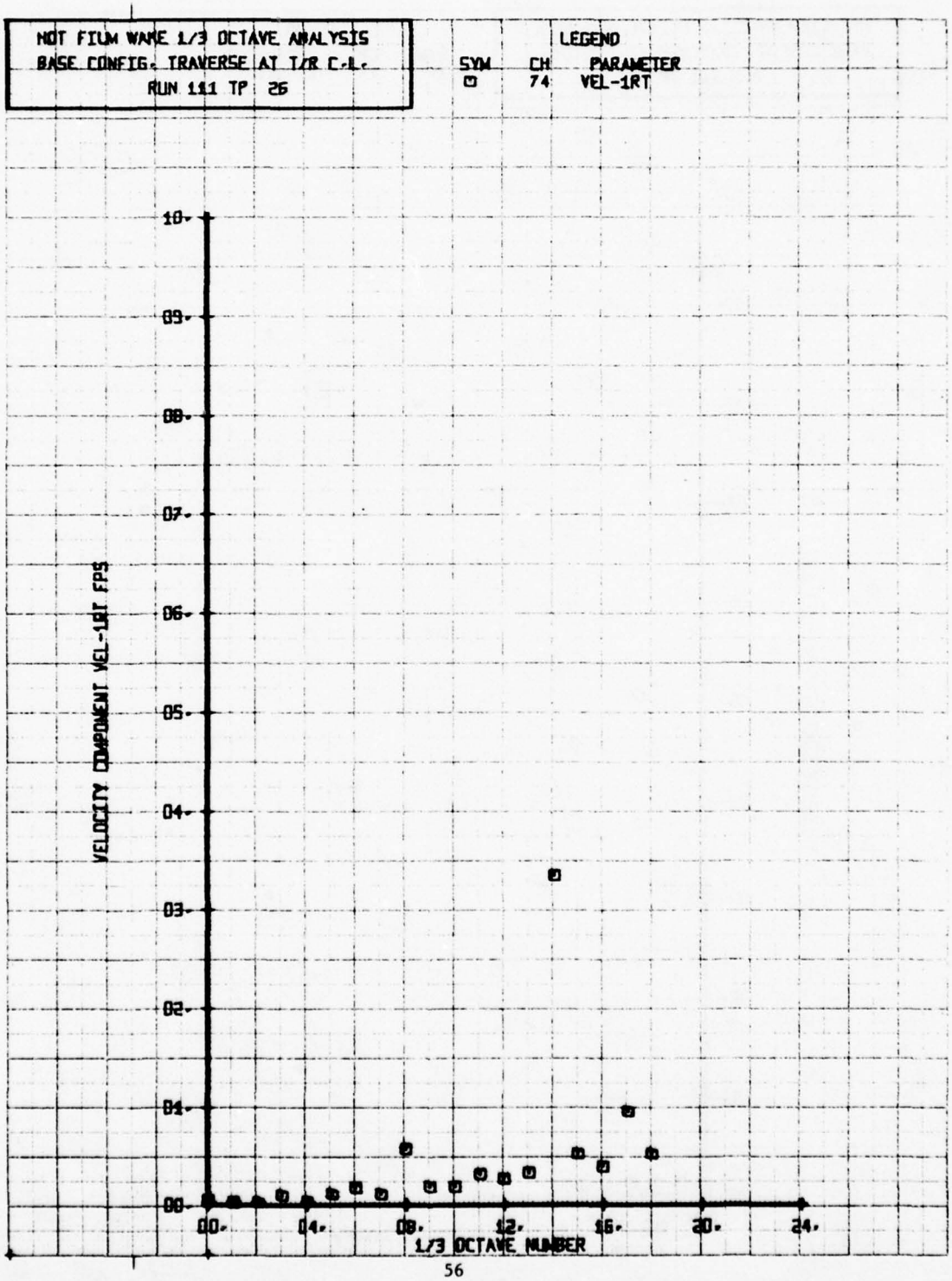

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 20
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
1/3 OCTAVE NUMBER
SET 1
WT 169
SET 1
BVWT 169

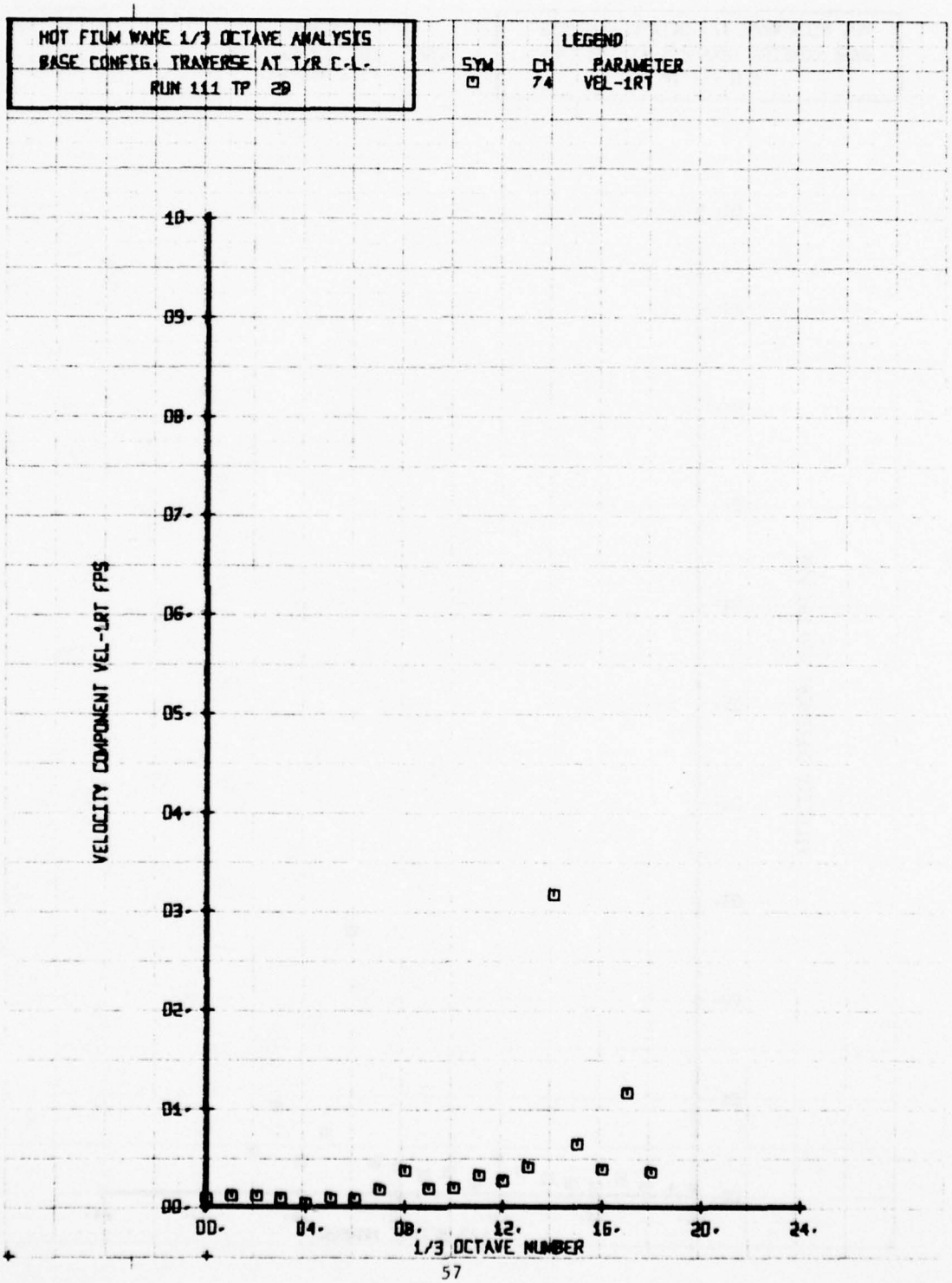

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 21
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
1/3 OCTAVE NUMBER
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00.
04.
08.
12.
16.
20.
24.

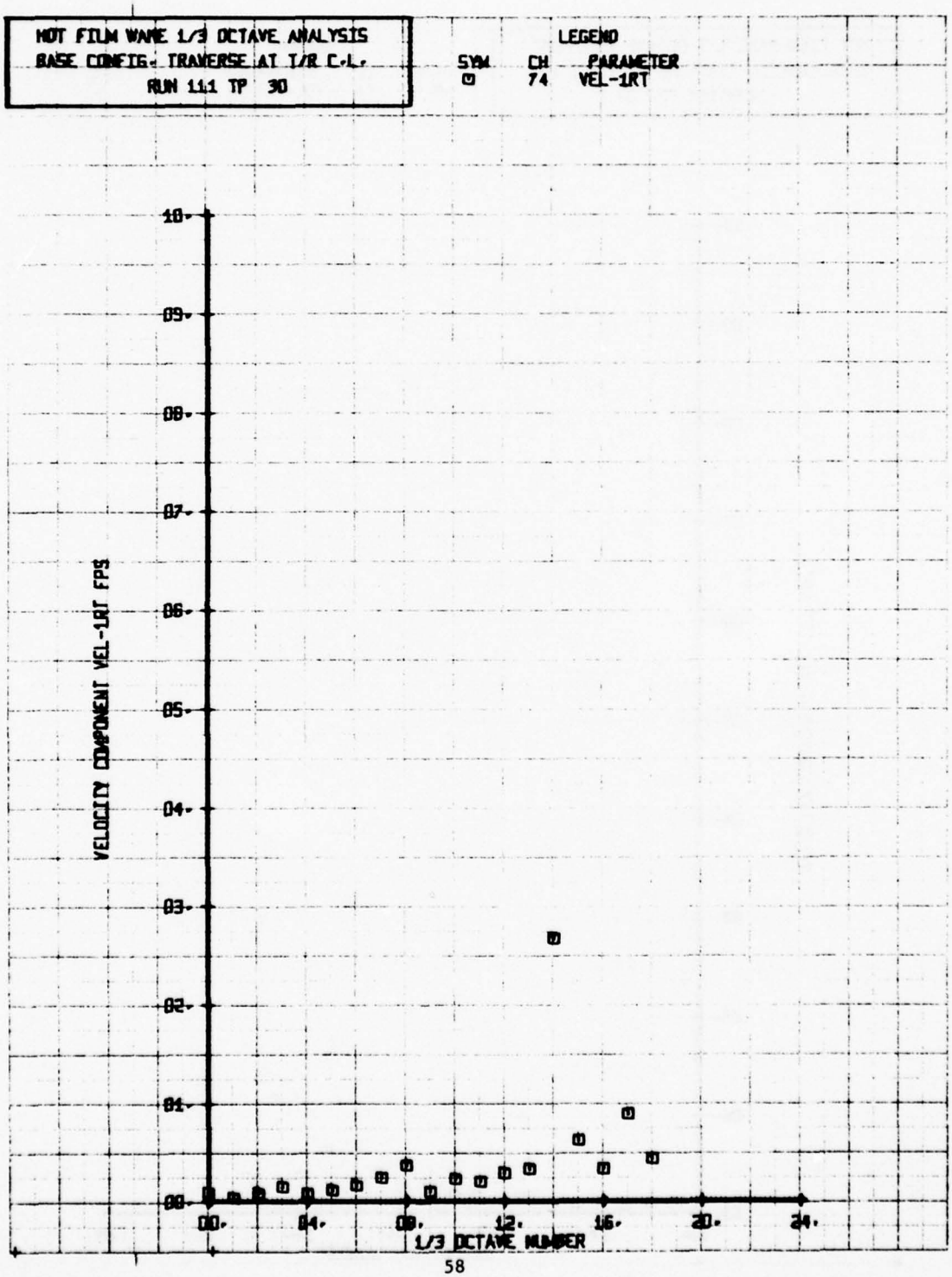
ET 1
WT 169

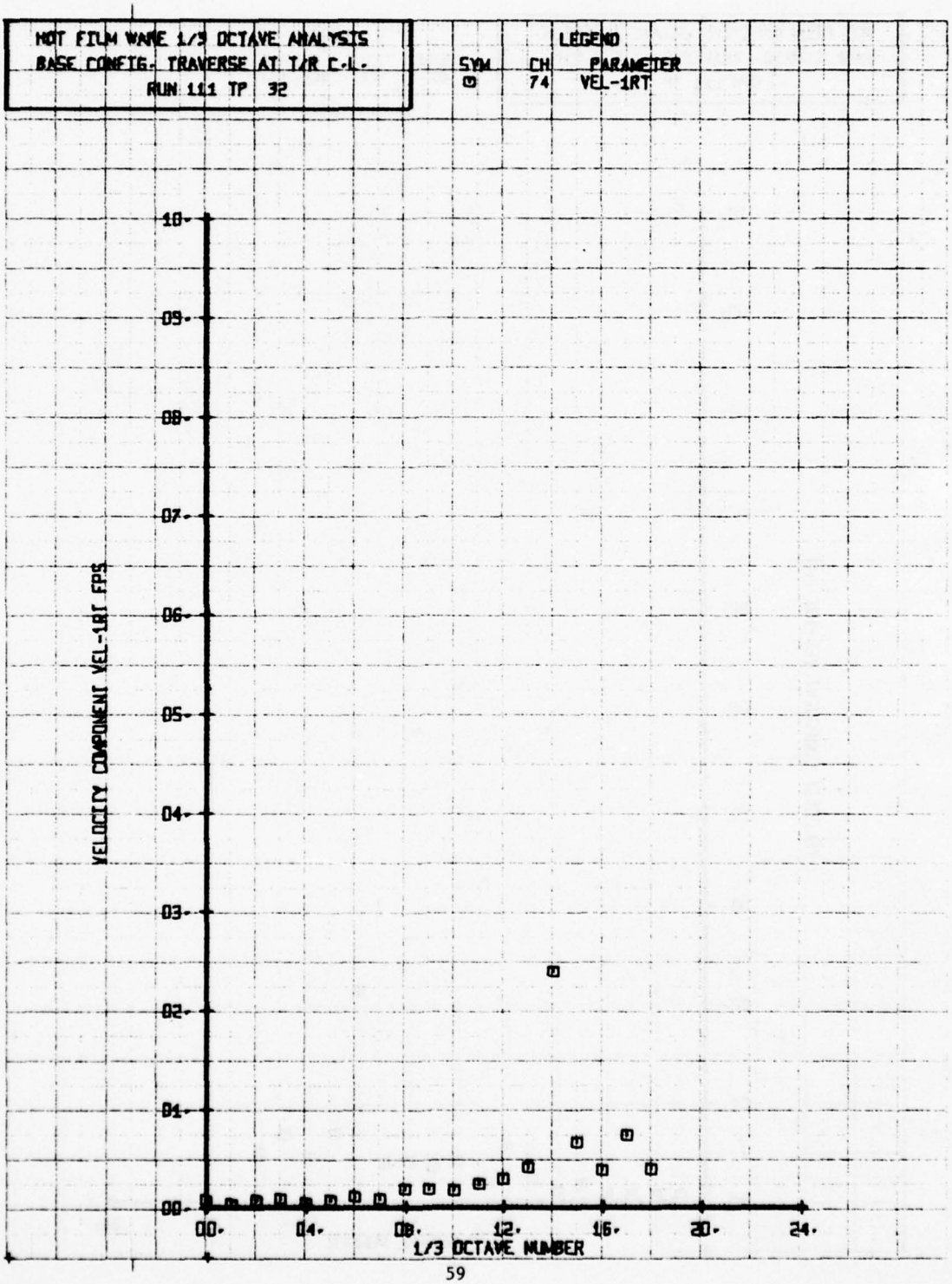

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 22
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

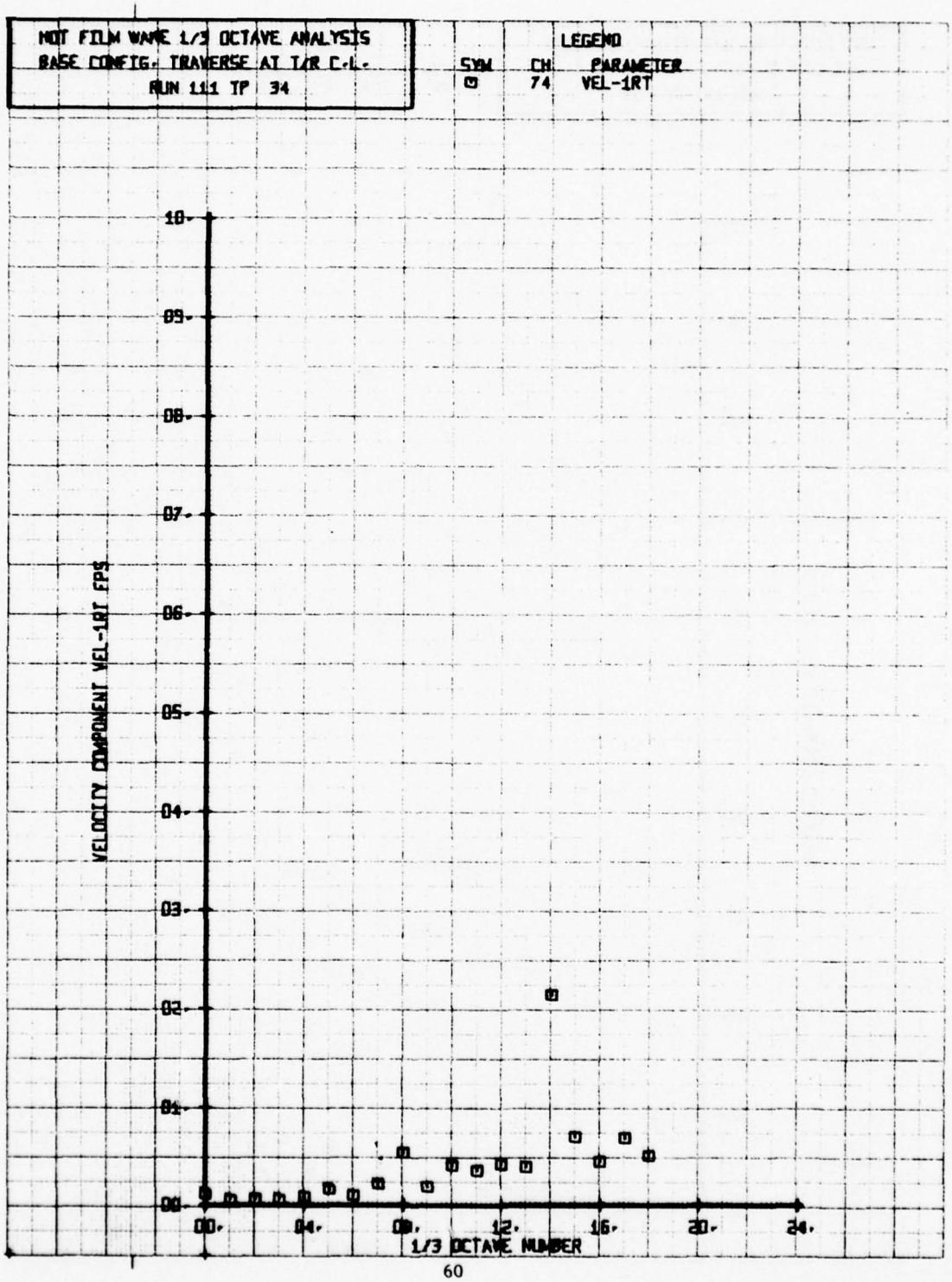

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 24
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

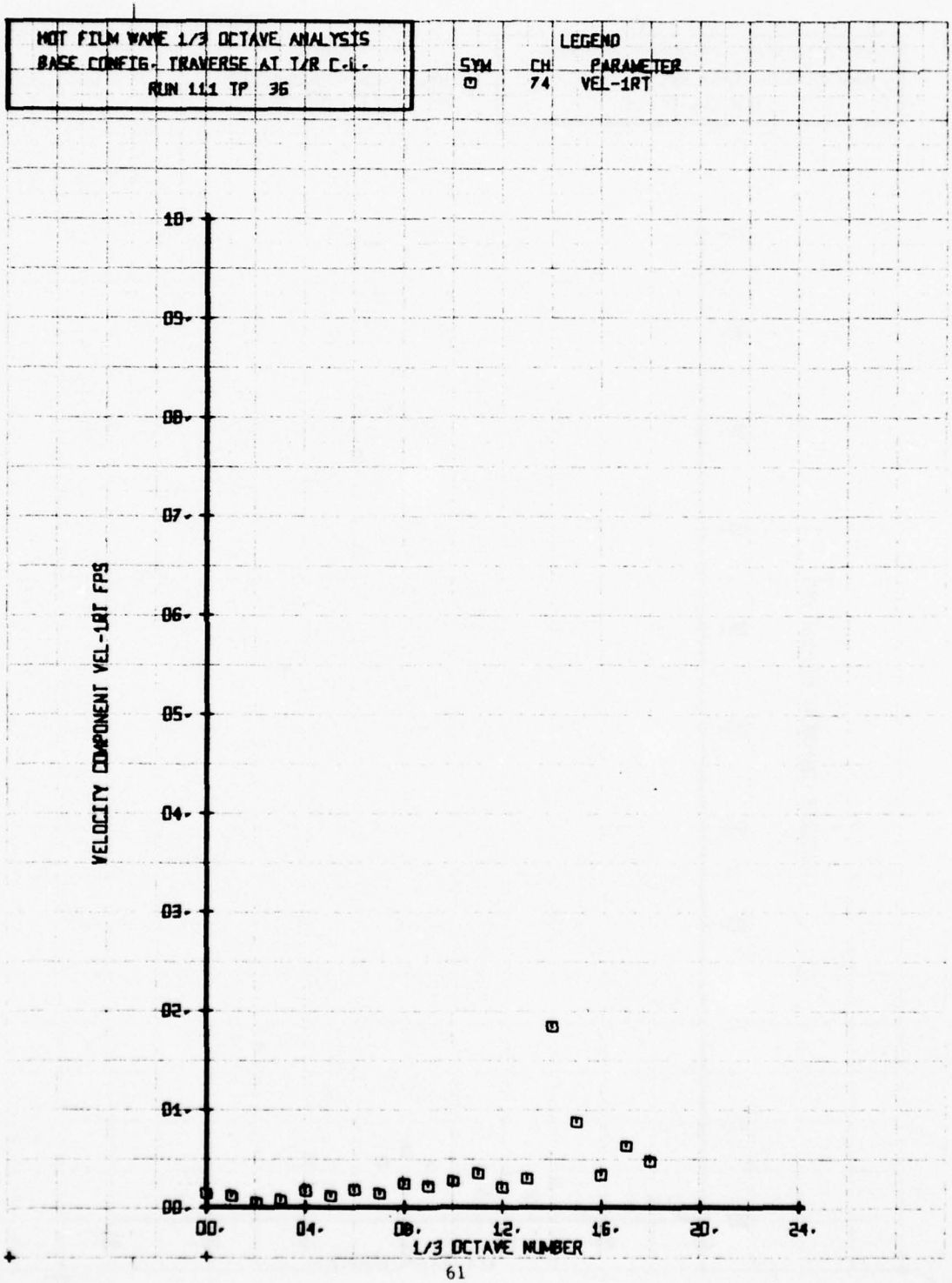

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 26
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

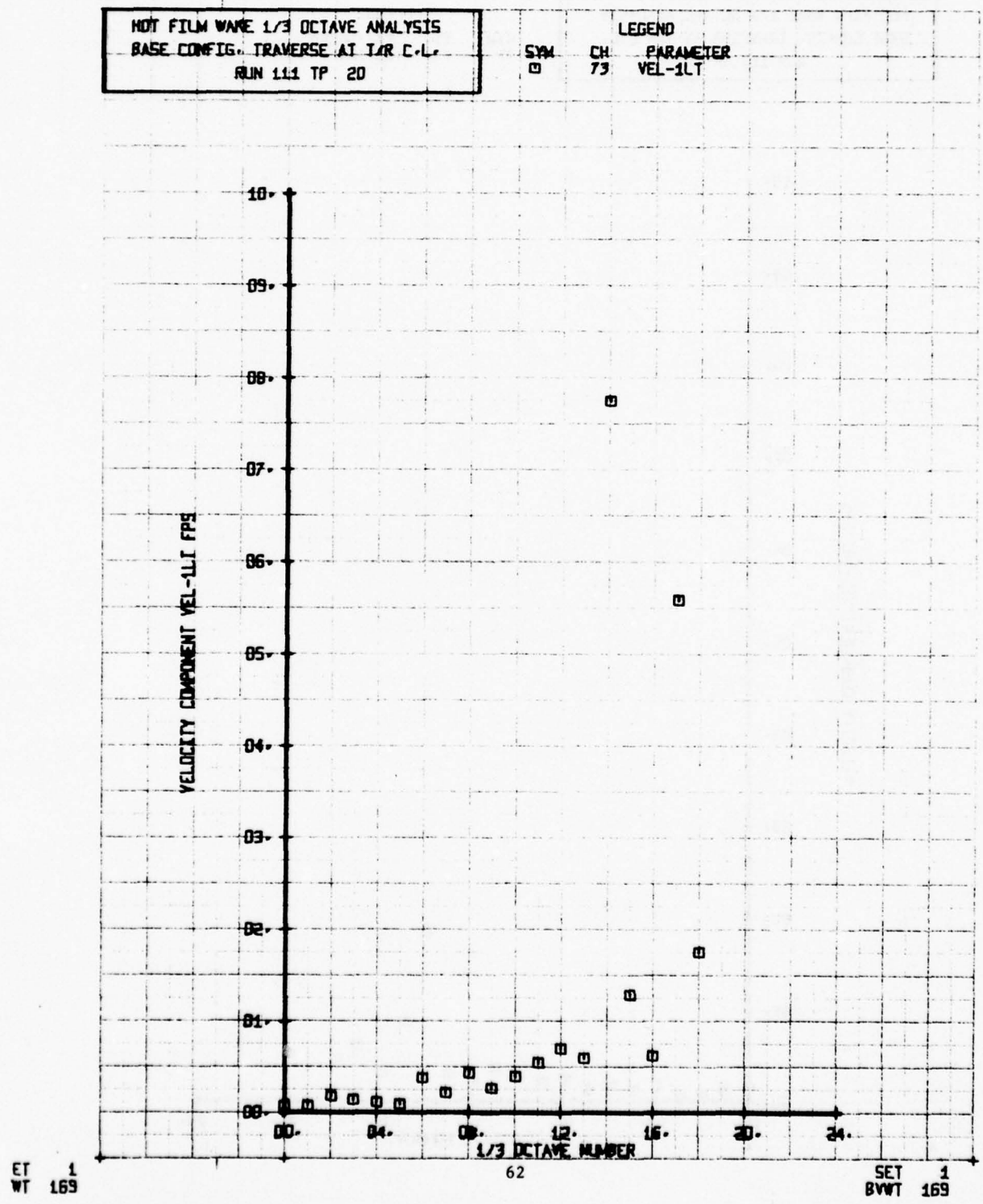

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C-L.
RUN 111 TP 29
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

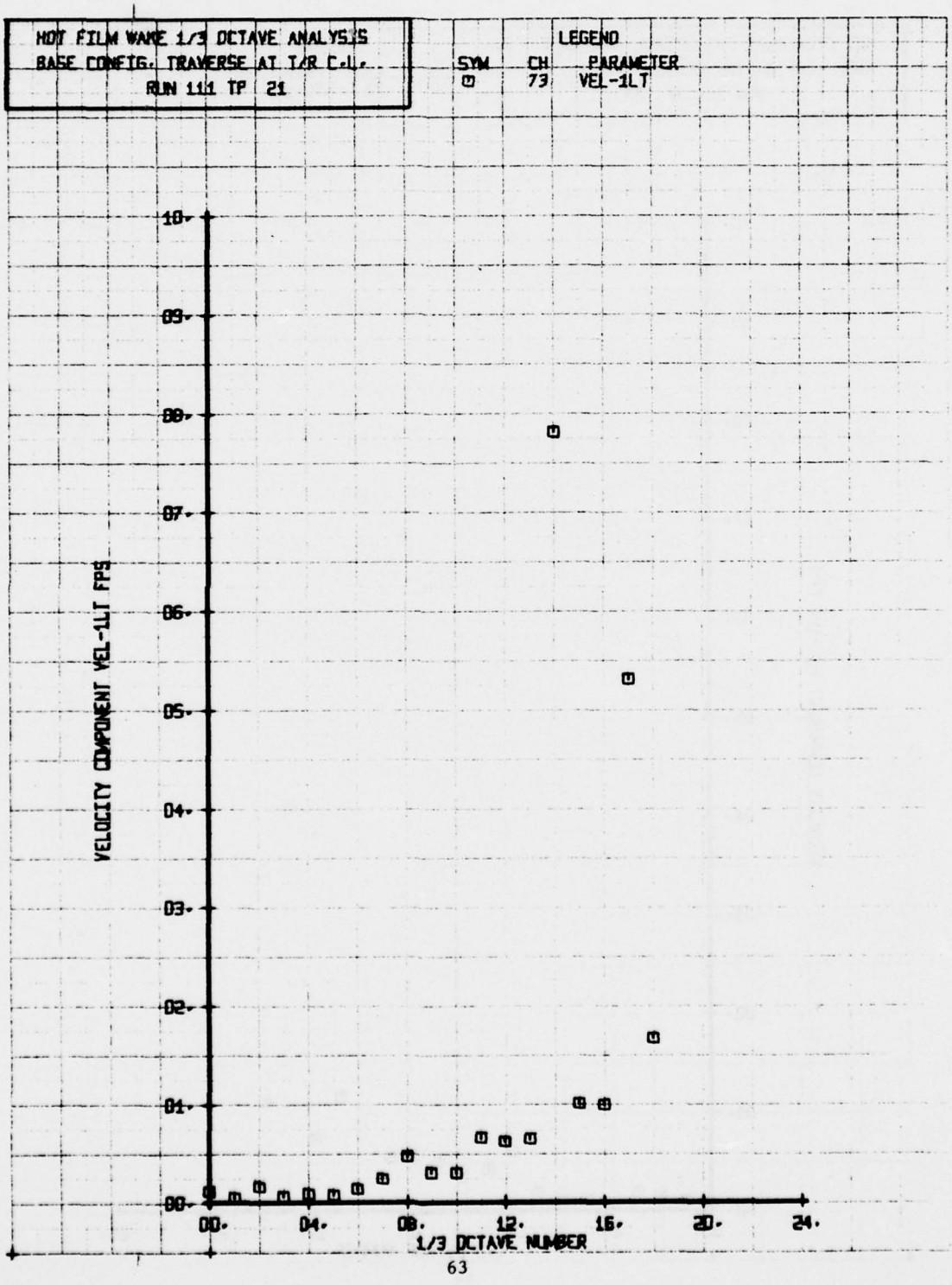

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 30
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
1.0
.9
.8
.7
.6
.5
.4
.3
.2
.1
.0
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG- TRAVERSE AT T/R C-L-
RUN 111 TP 32
LEGEND
SYM
CH
PARAMETER
74
VEL-1RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

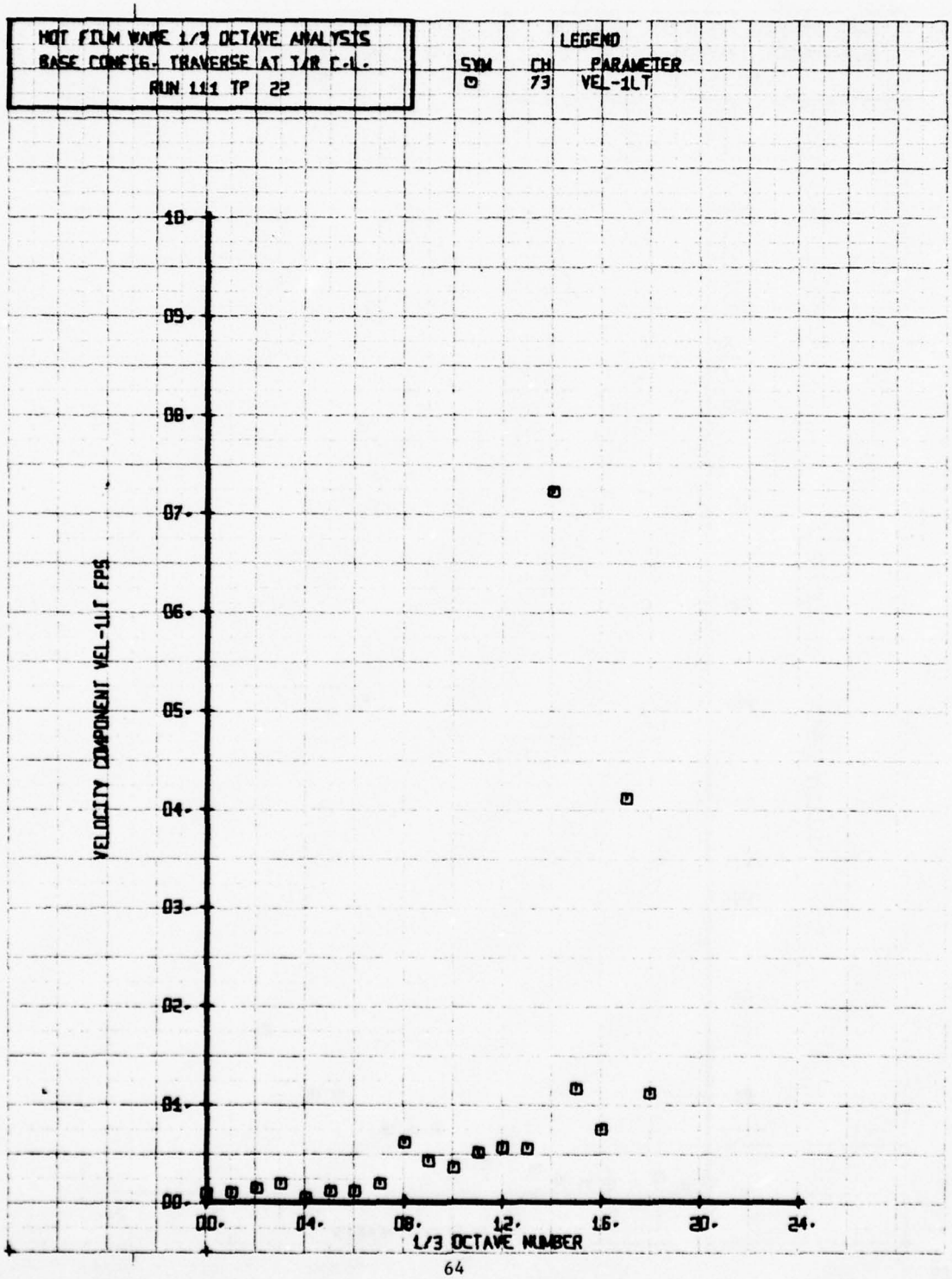

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 34
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

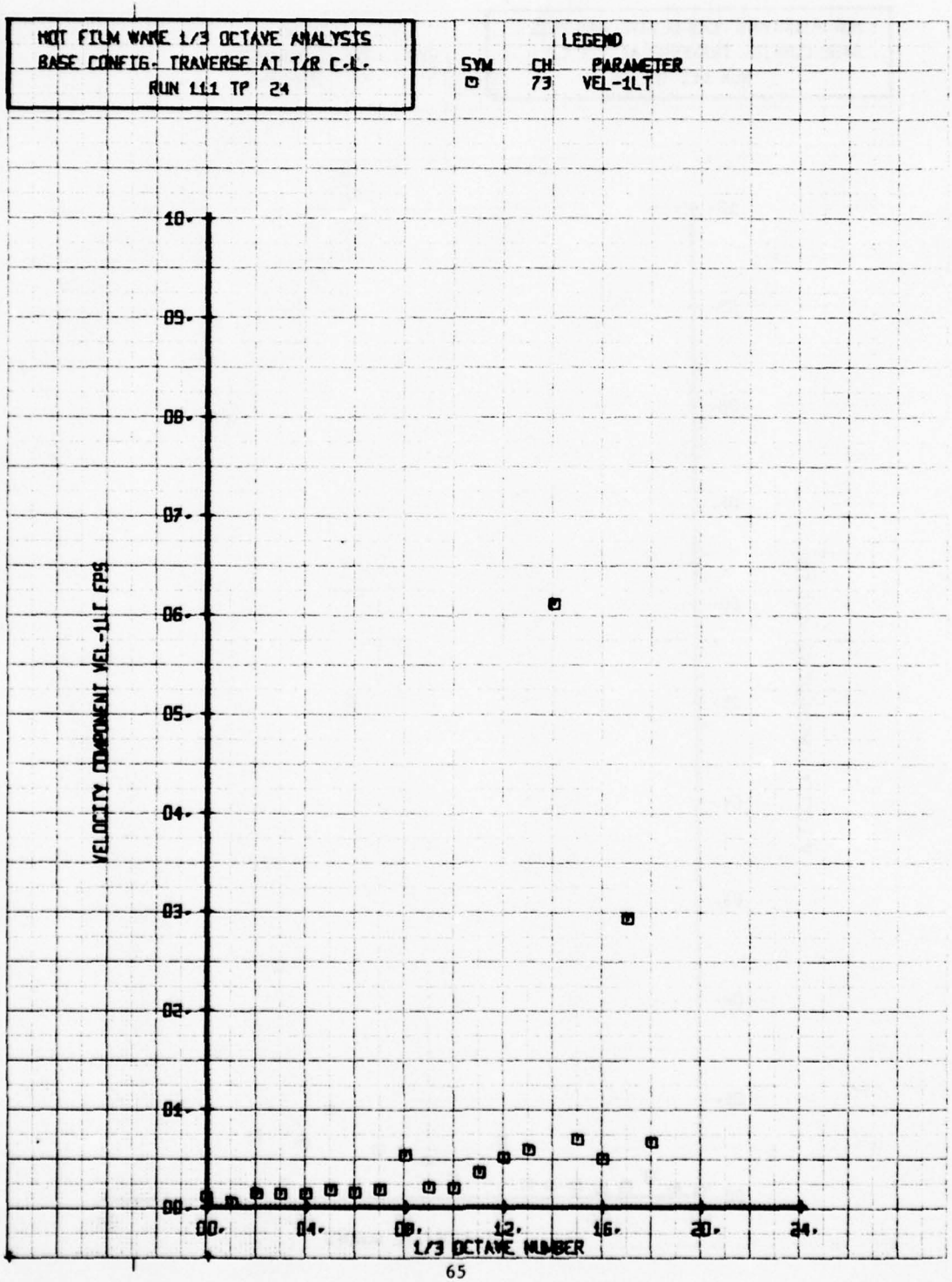

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 36
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

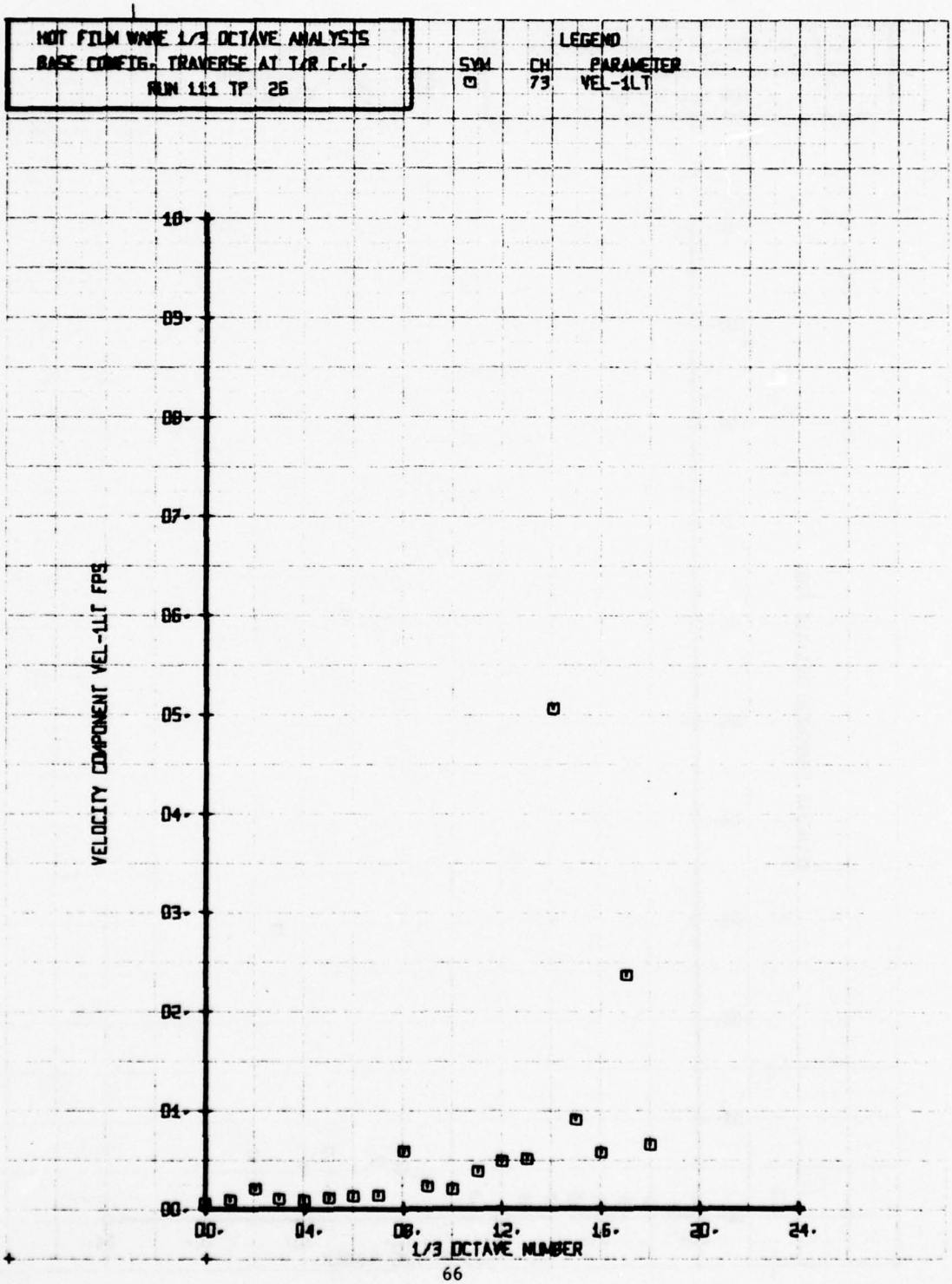

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT I/R C.L.
RUN 111 TP 20
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LI FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
ET 1
WT 169
SET 1
BWT 169

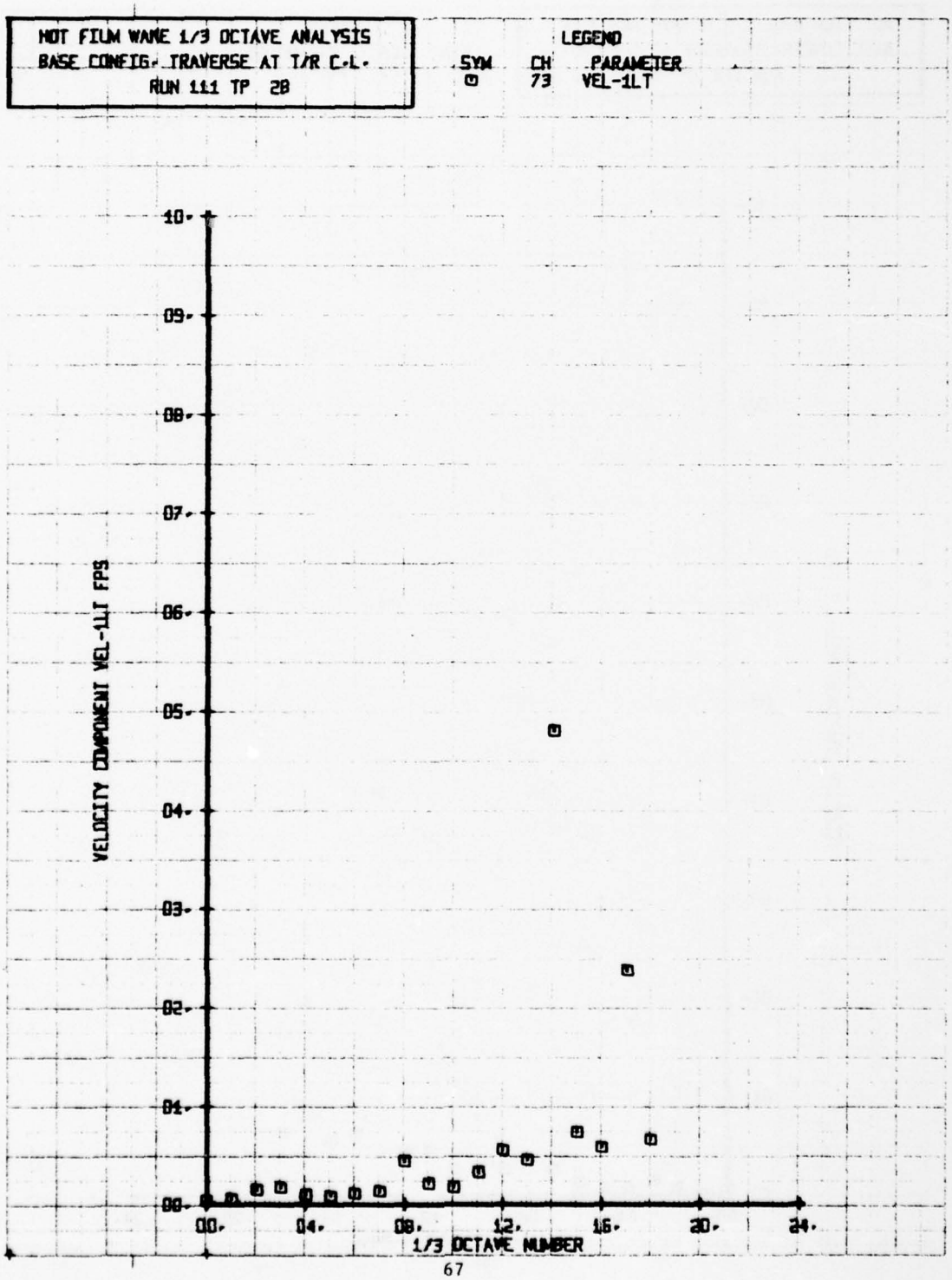

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 21
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

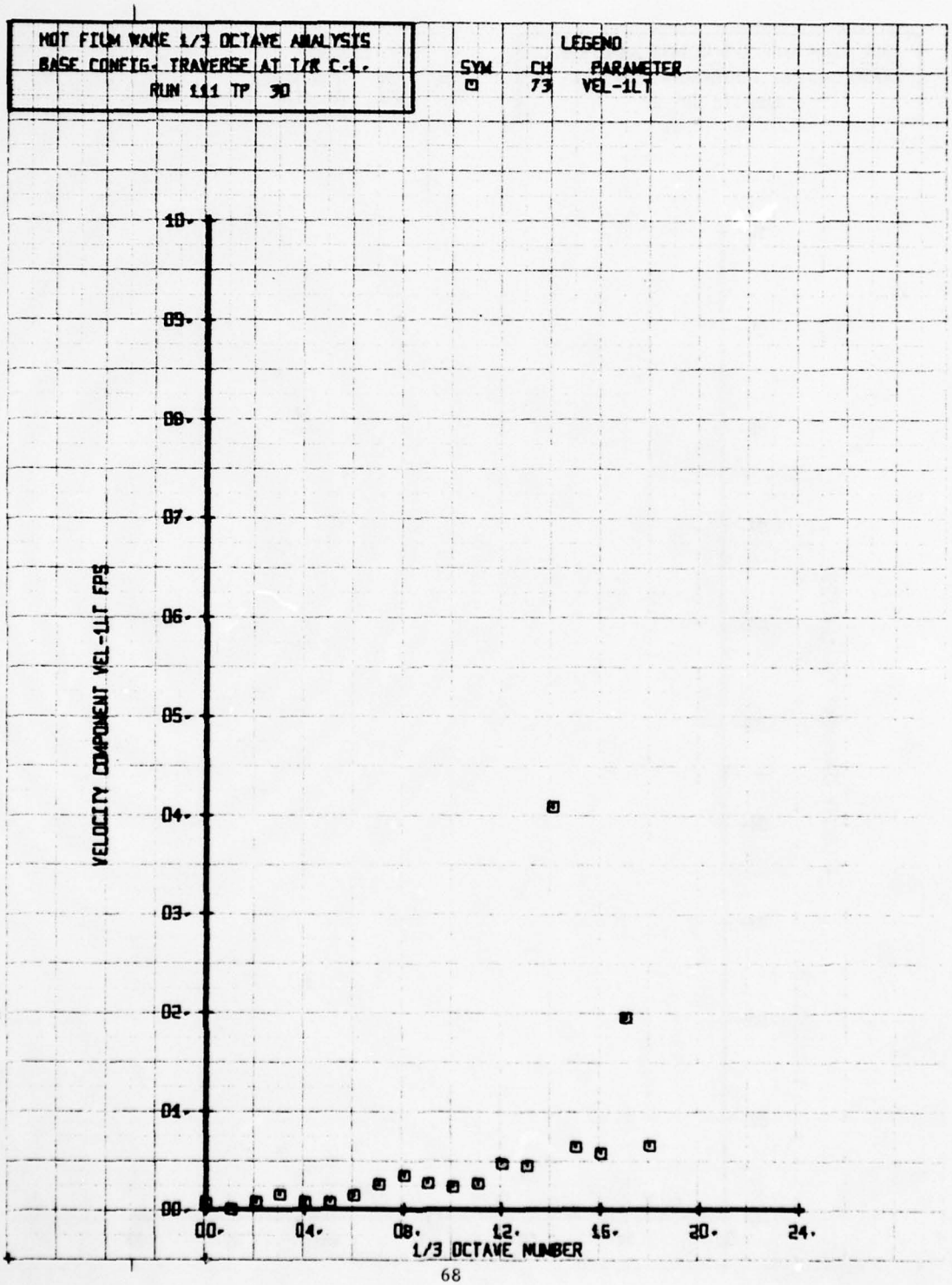
ET 1
WT 169

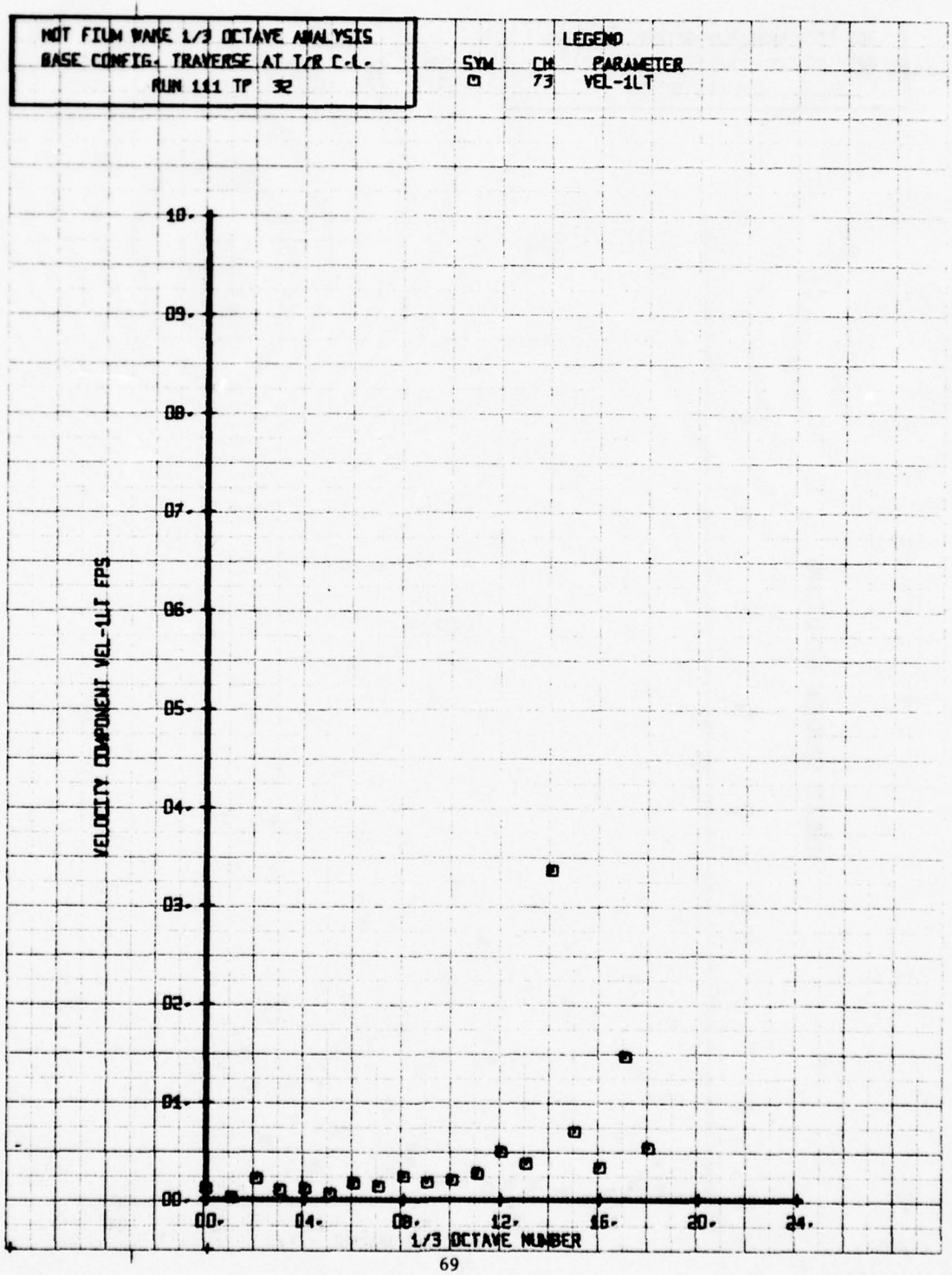

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 22
LEGEND
SYM CH PARAMETER
73 VEL-1LT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1LT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

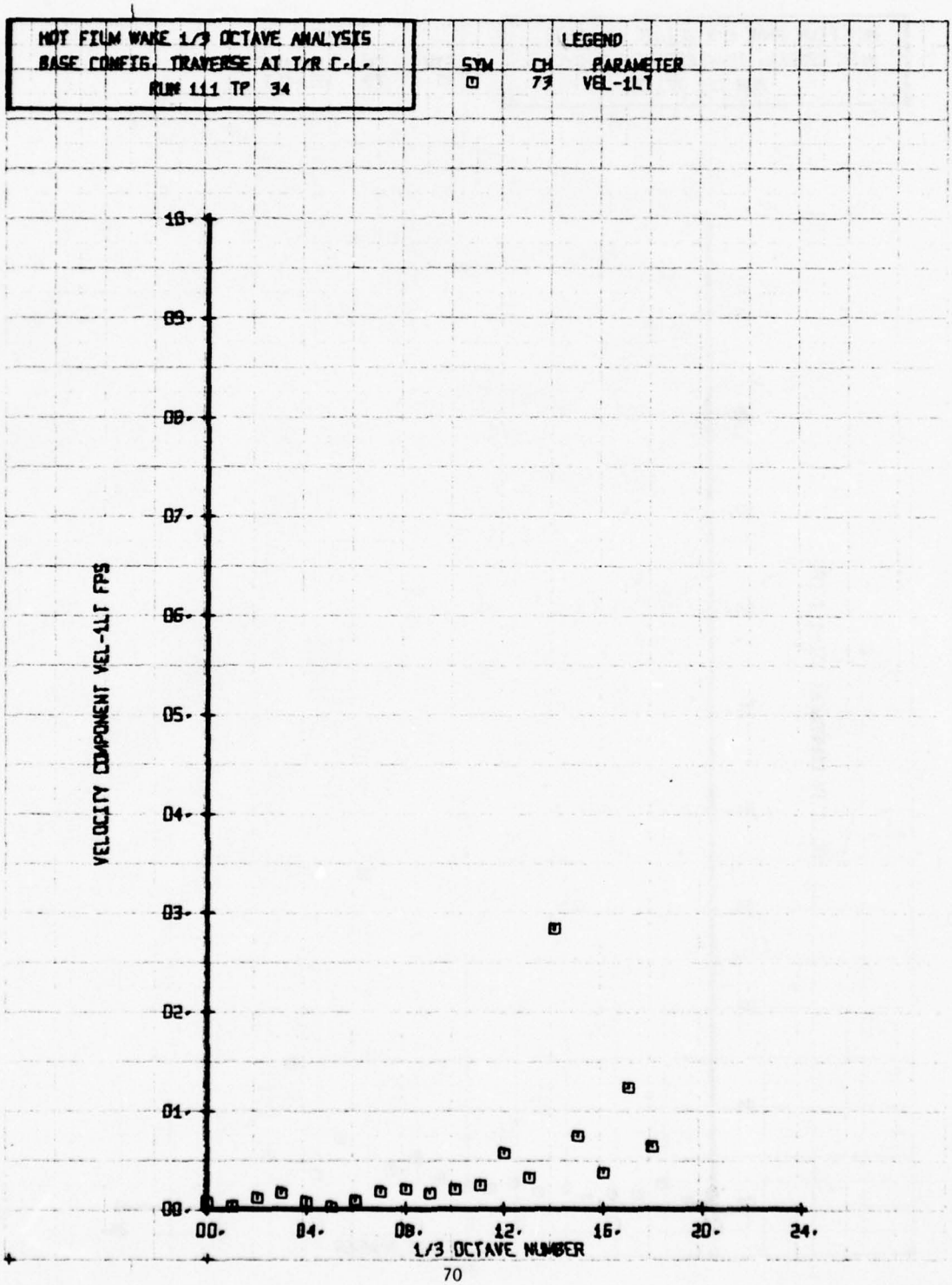

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C-L.
RUN 111 TP 24
LEGEND
SYM CH PARAMETER
73 VEL-1LT
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VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

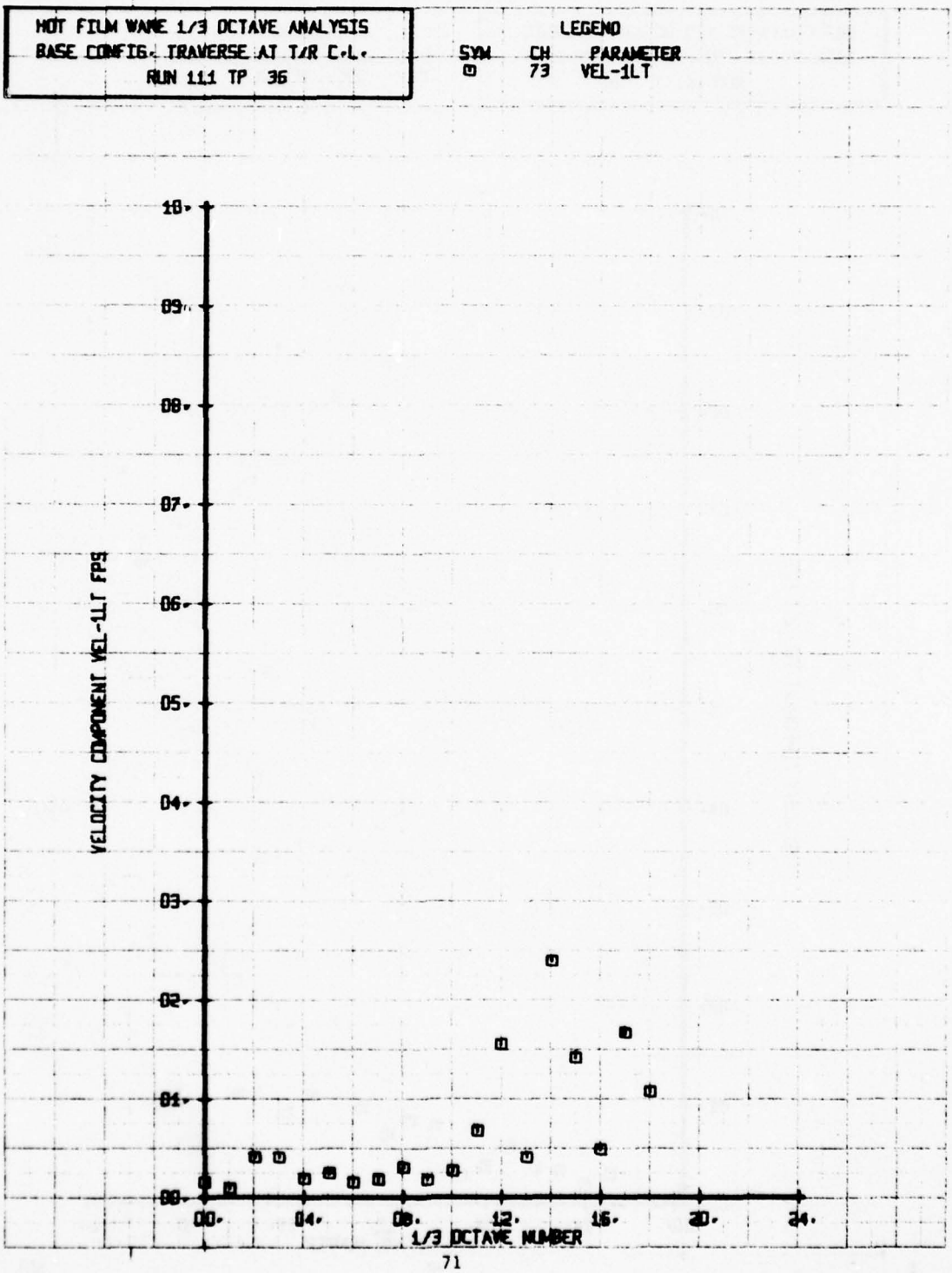

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 26
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
1/3 OCTAVE NUMBER
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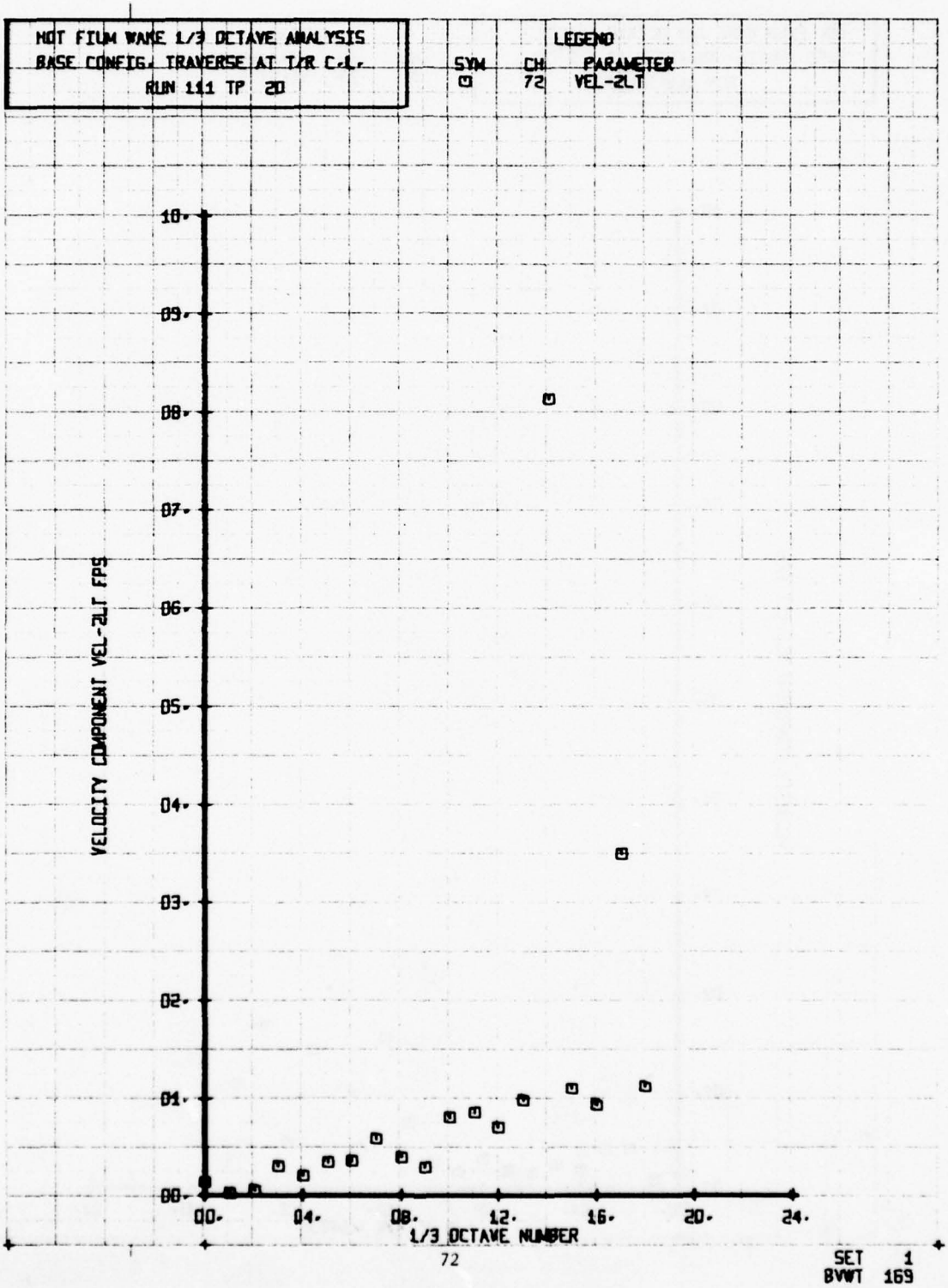

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 28
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
1/3 OCTAVE NUMBER
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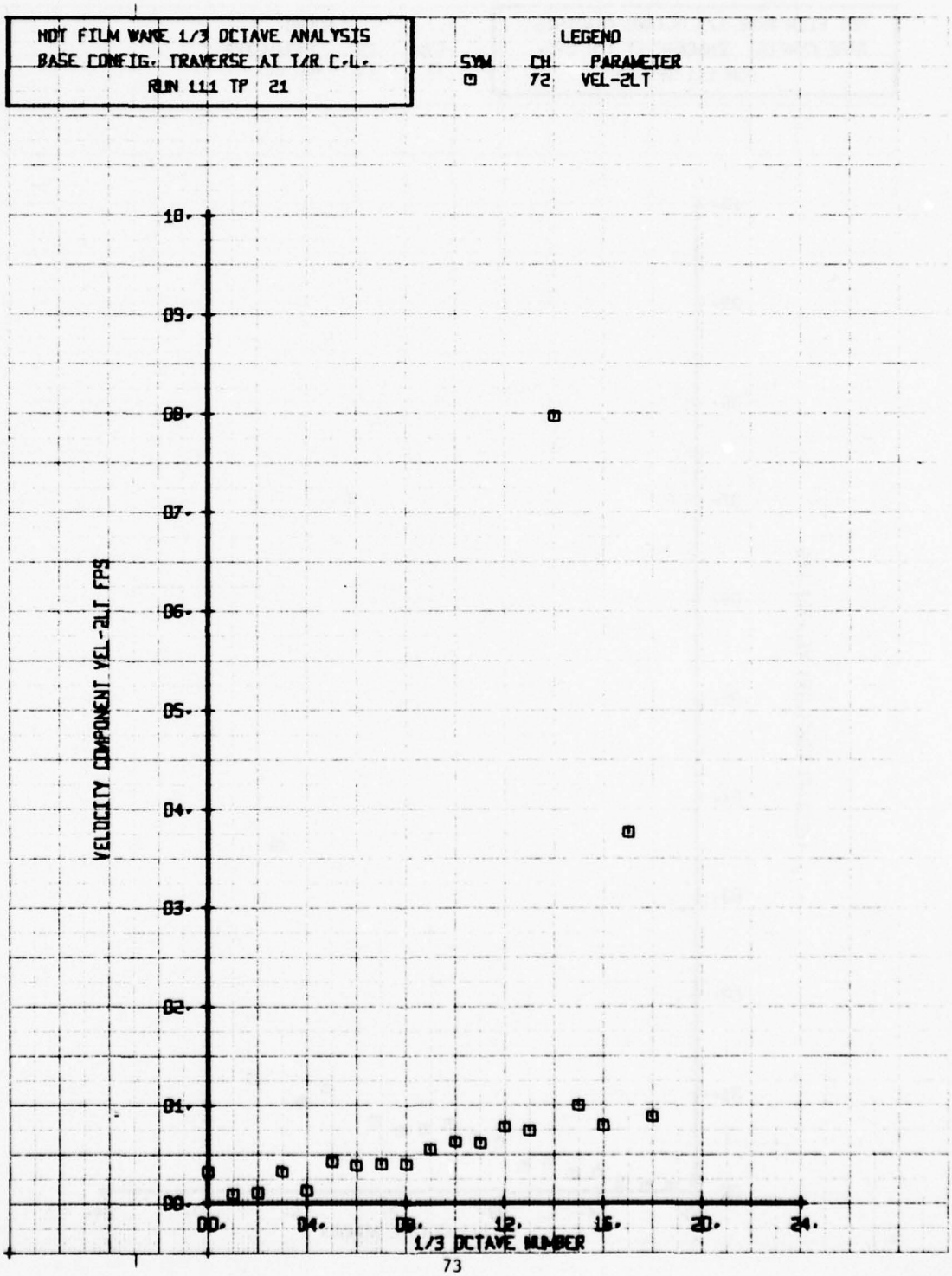

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C-1.
RUN 111 TP 30
LEGEND
SYM CH PARAMETER
73 VEL-1LT
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VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 32
LEGEND
SYM CH PARAMETER
73 VEL-1LT
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VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

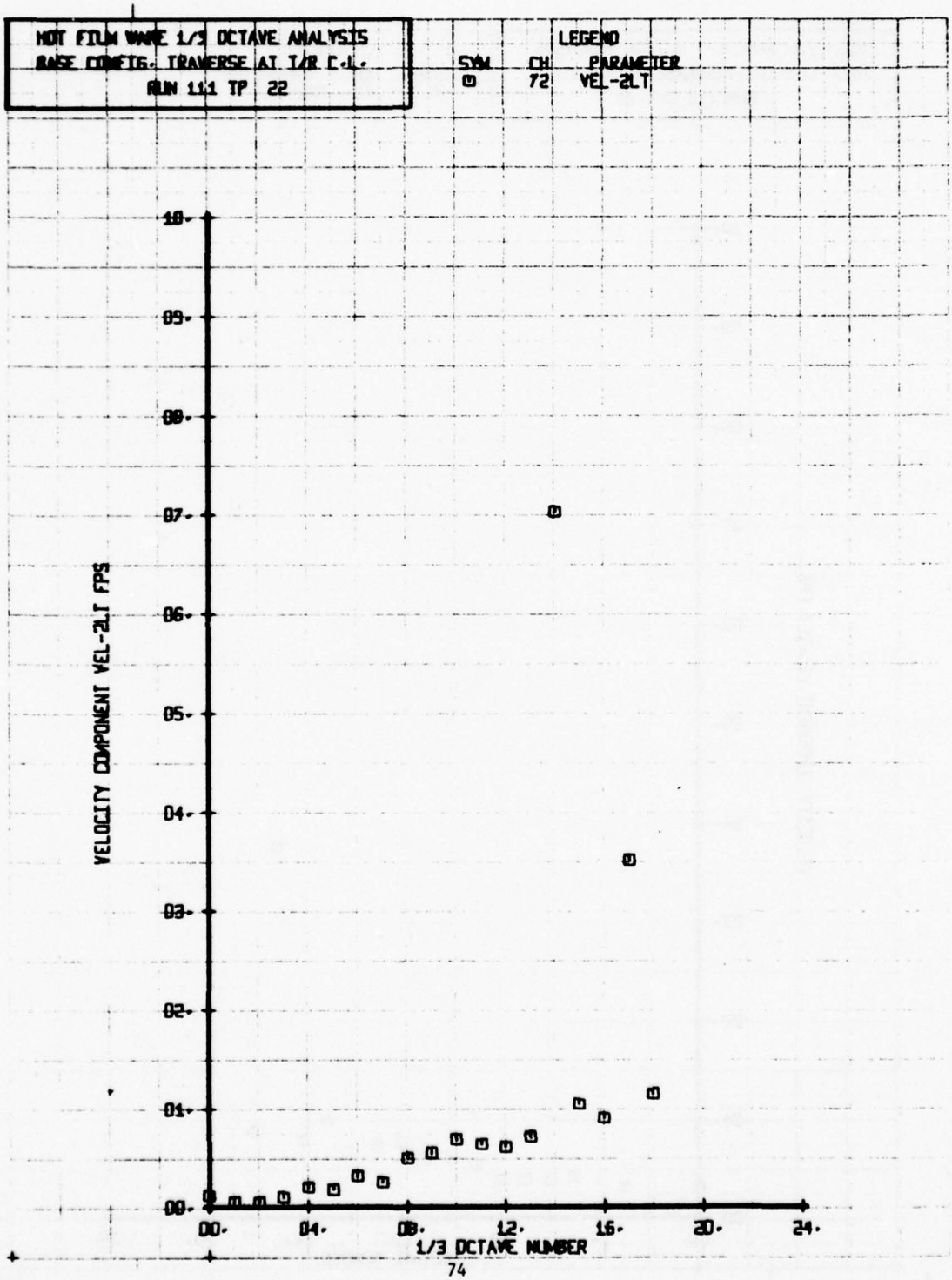

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 34
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

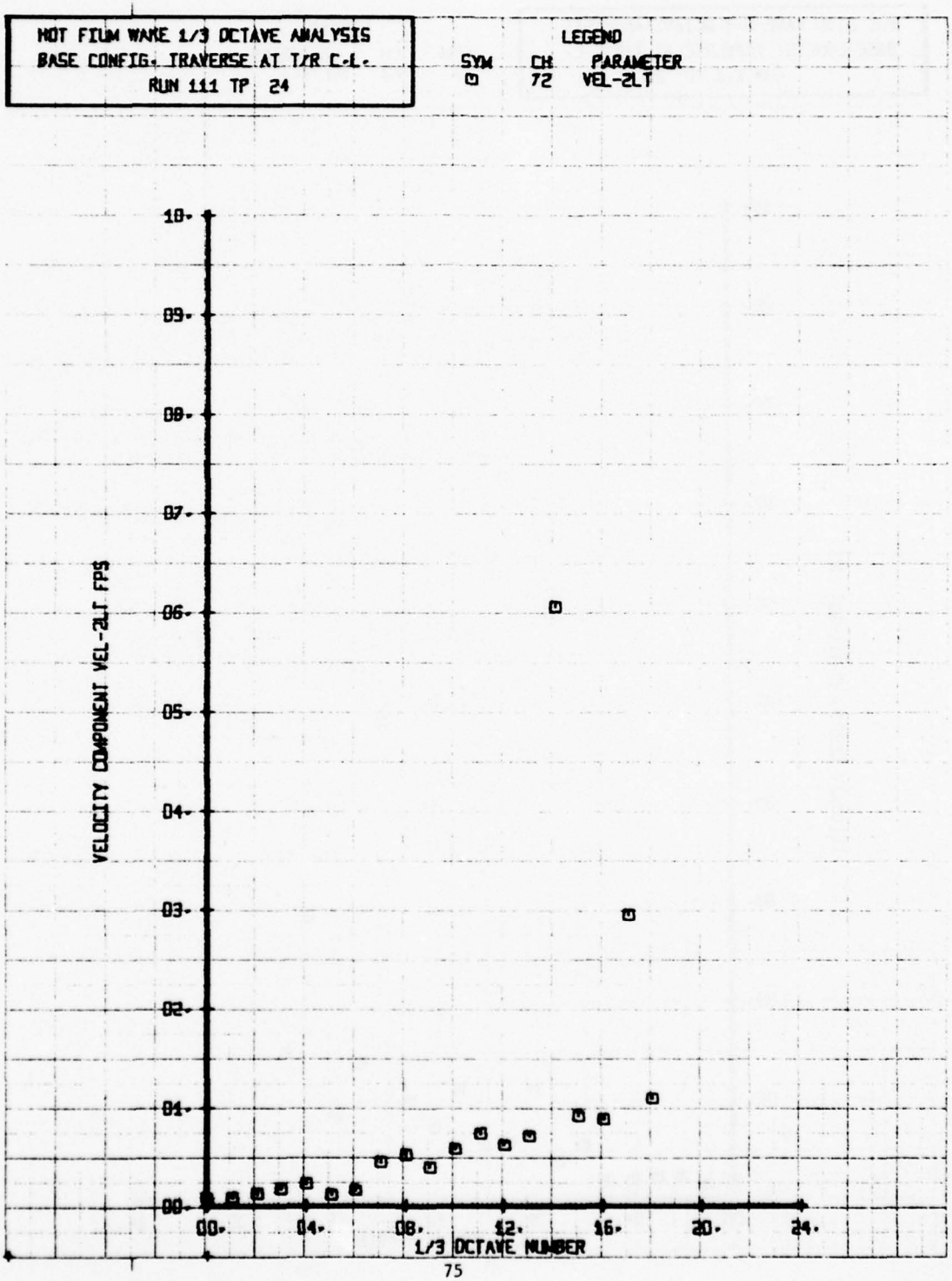

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 36
LEGEND
SYM CH PARAMETER
73 VEL-1LT
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VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

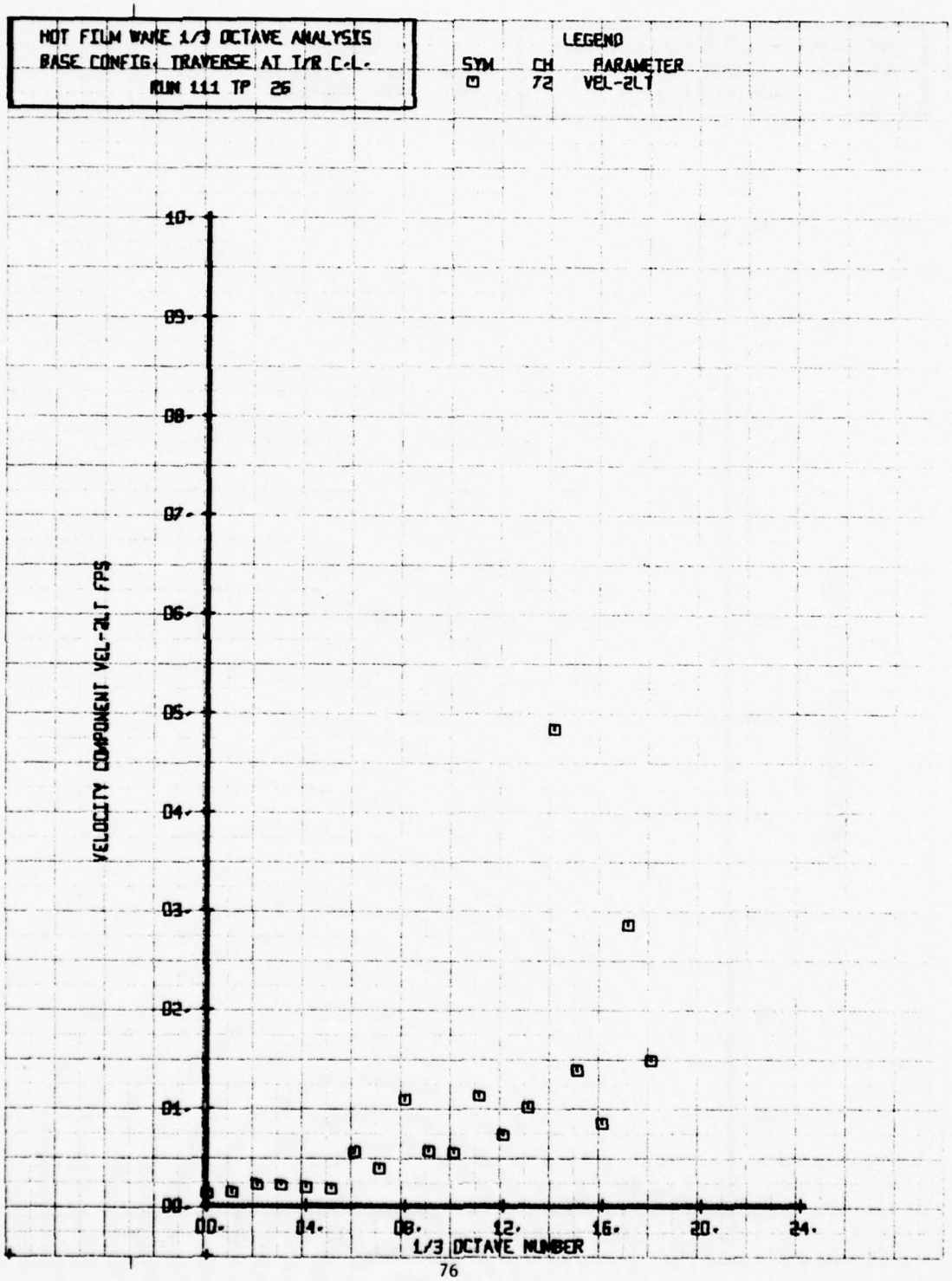

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 20
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER
SET 1
WT 169
SET 1
BVWT 169

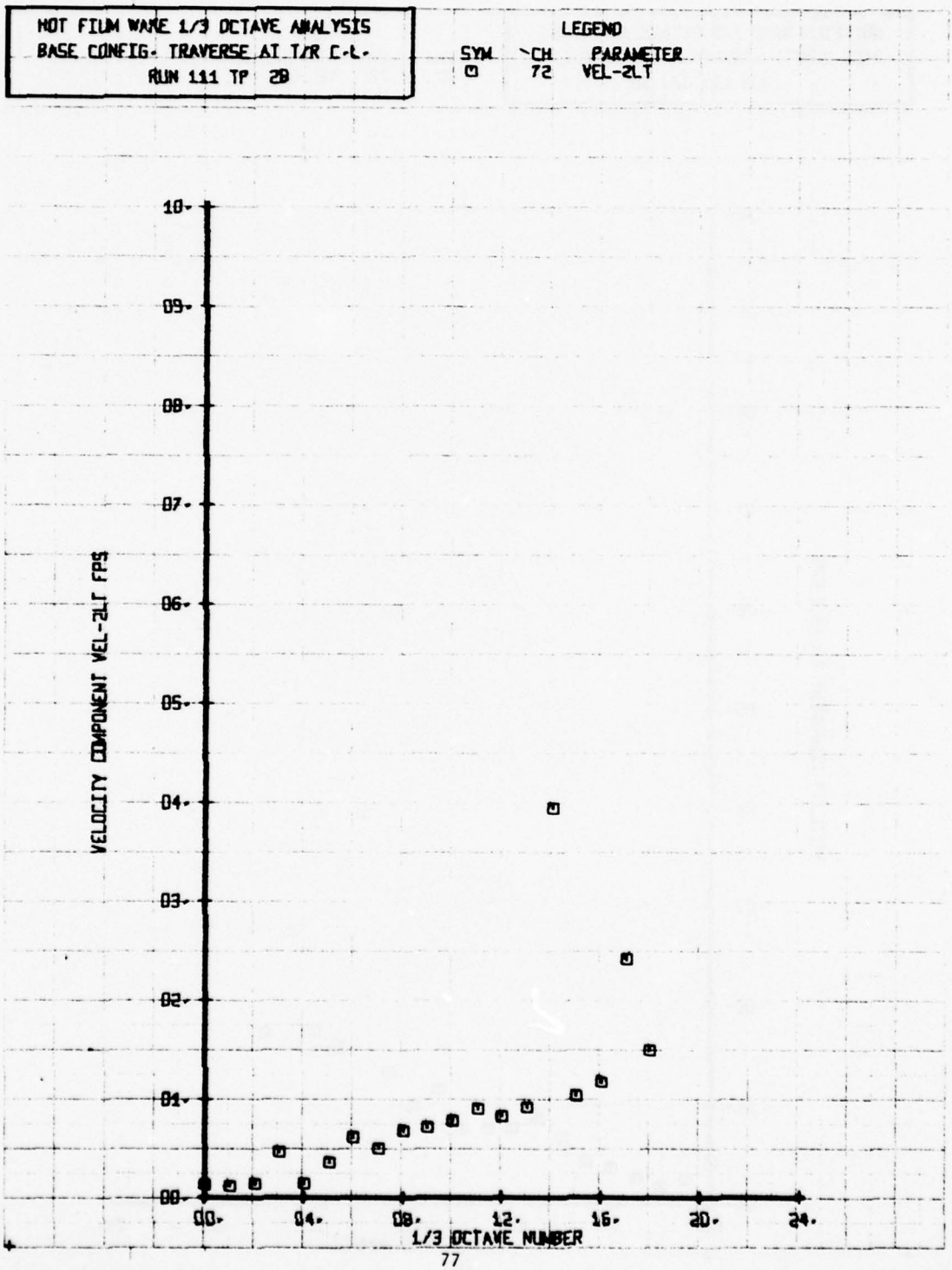

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 21
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
1/3 OCTAVE NUMBER
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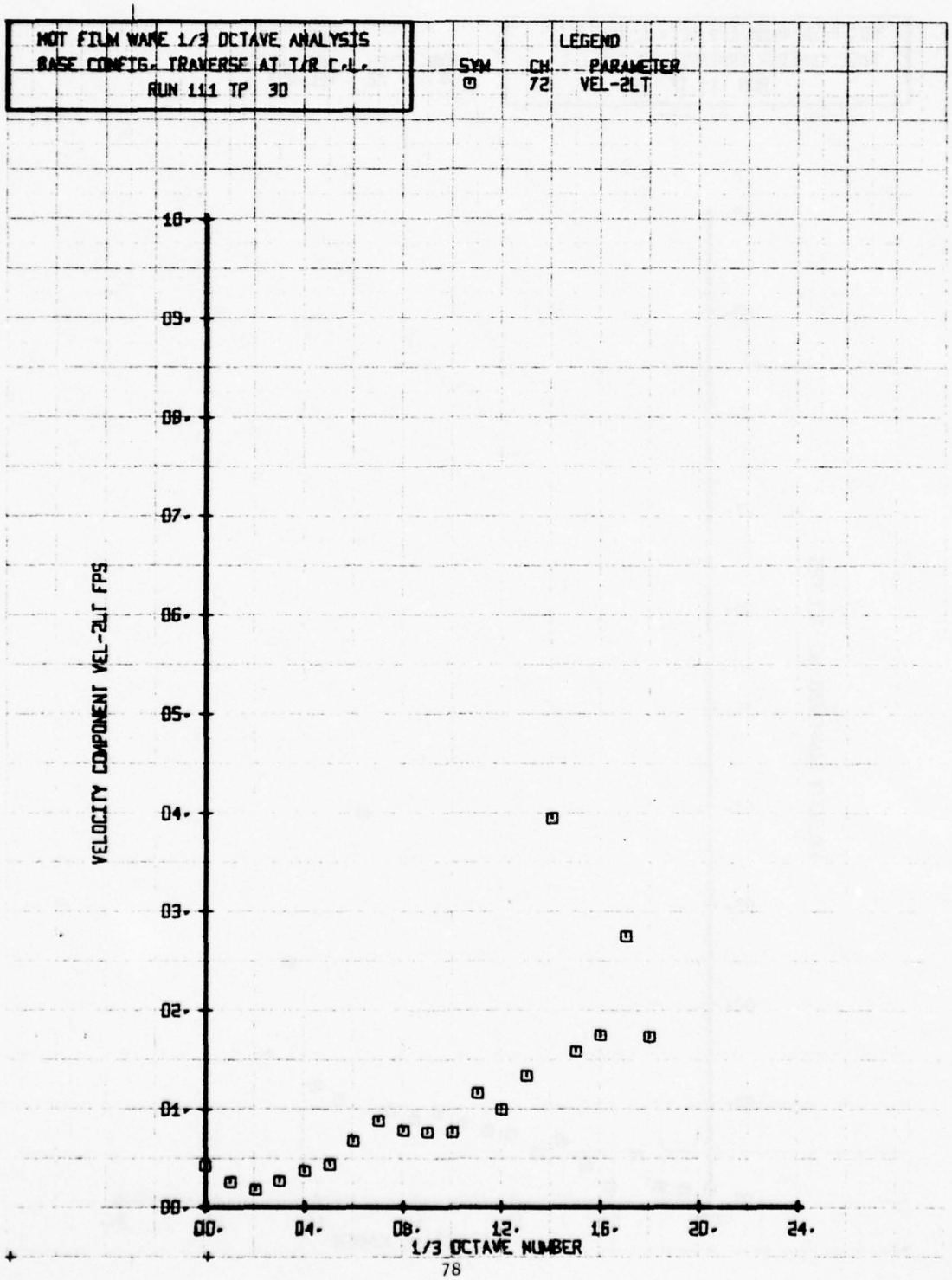
ET 1
WT 169

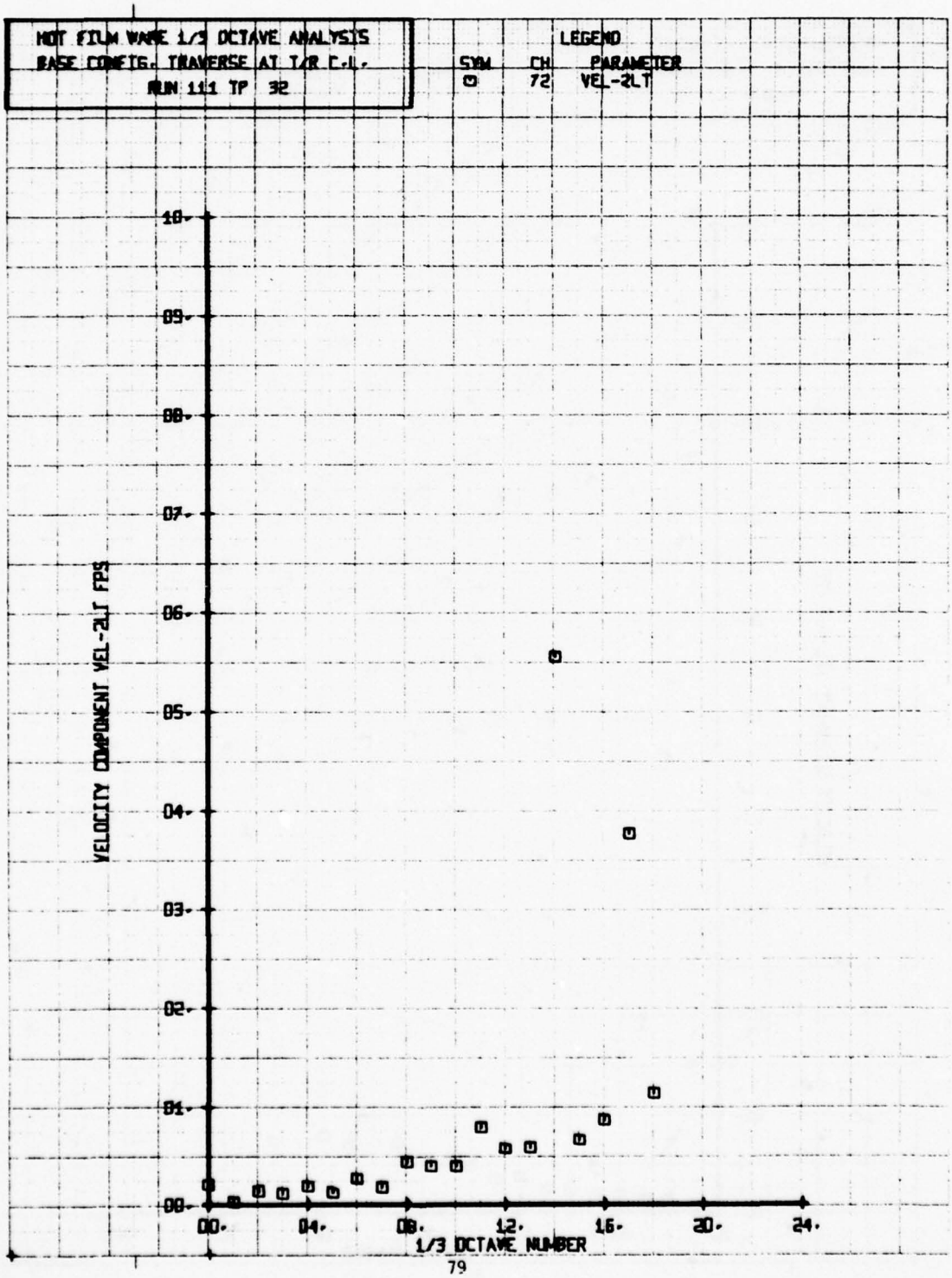

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 22
LEGEND
SYM CH PARAMETER
72 VEL-2LT
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VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

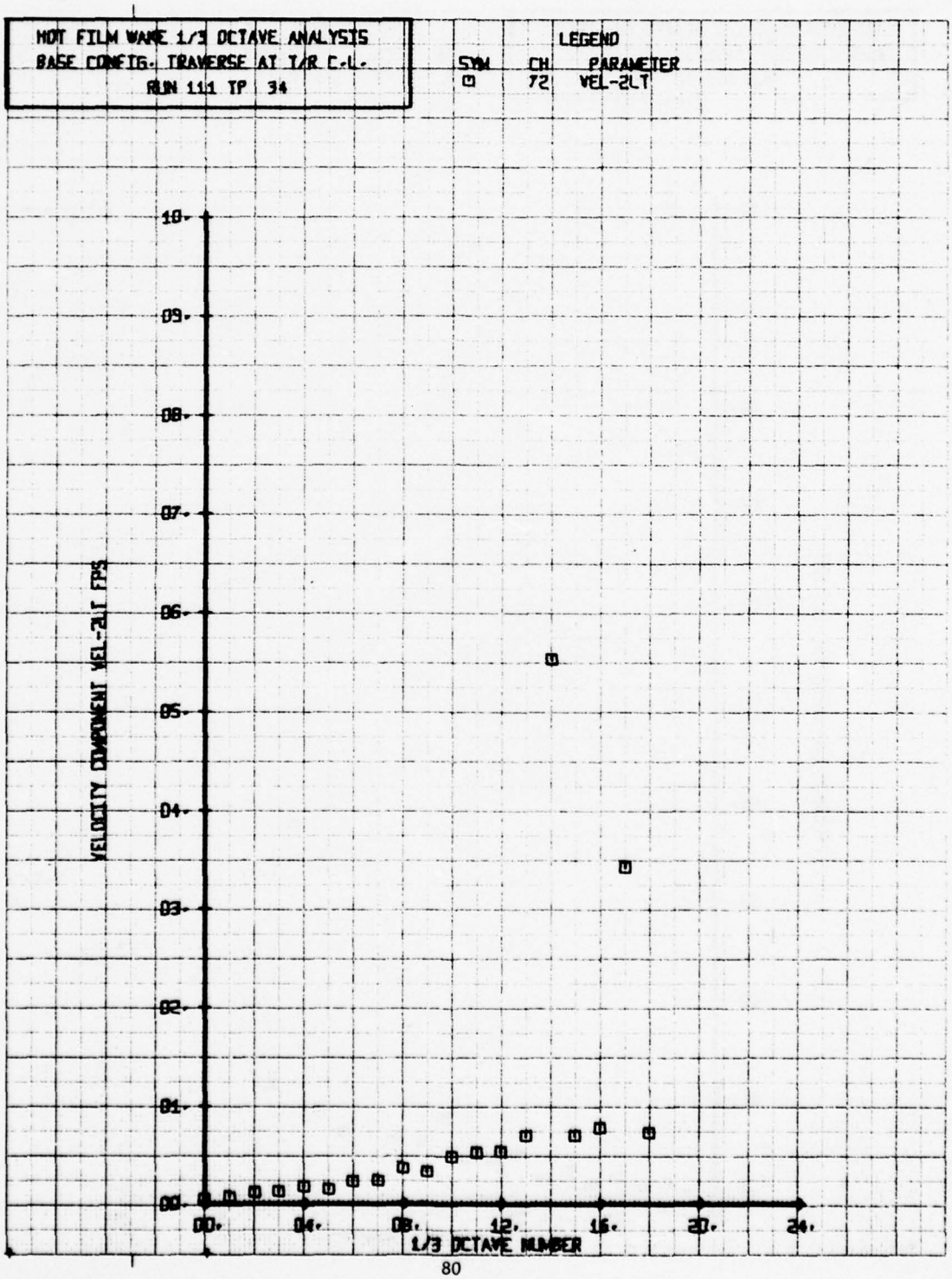

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 24
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
1/3 OCTAVE NUMBER
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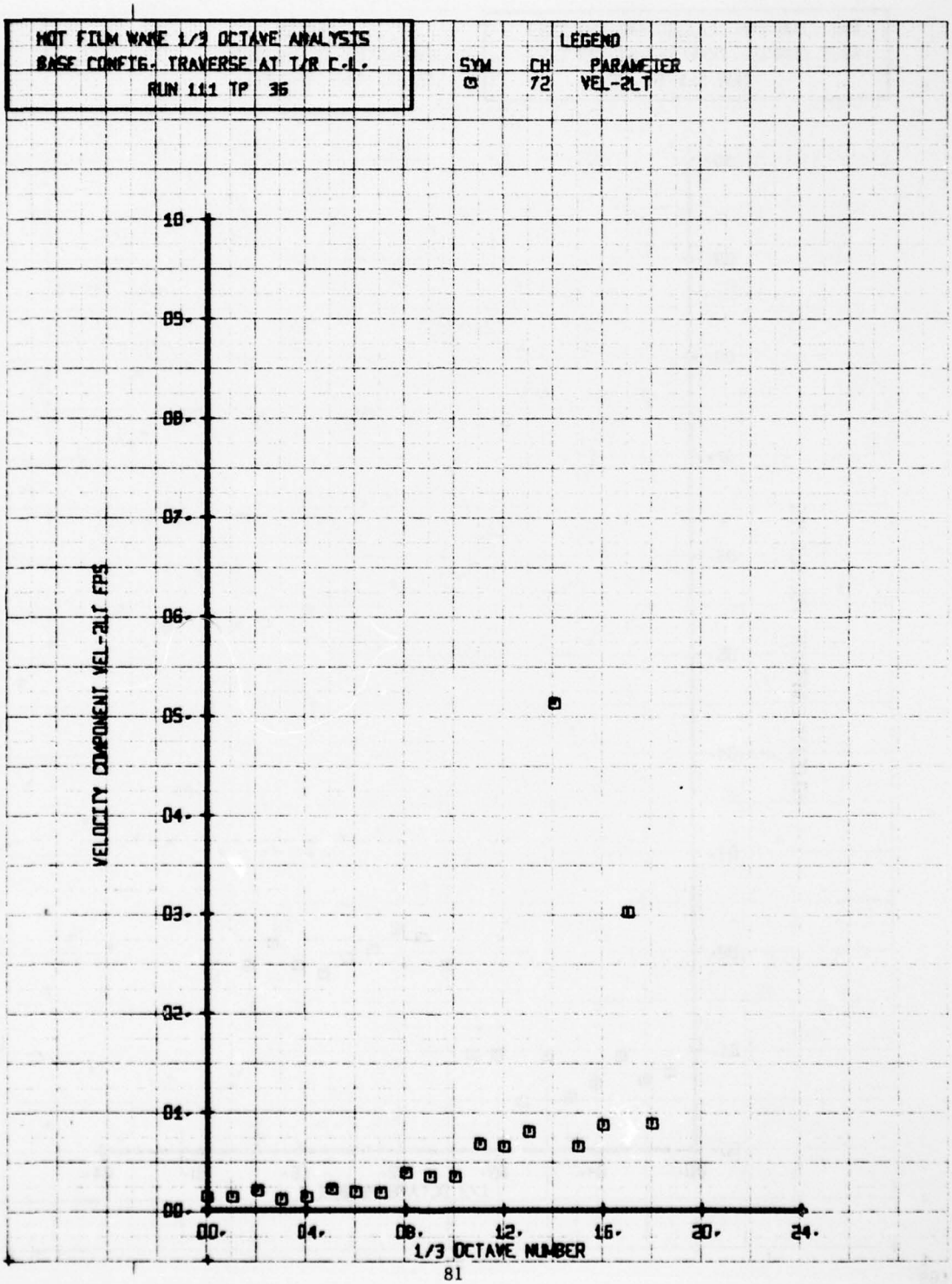

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG, TRAVERSE AT T/R C.L.
RUN 111 TP 26
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

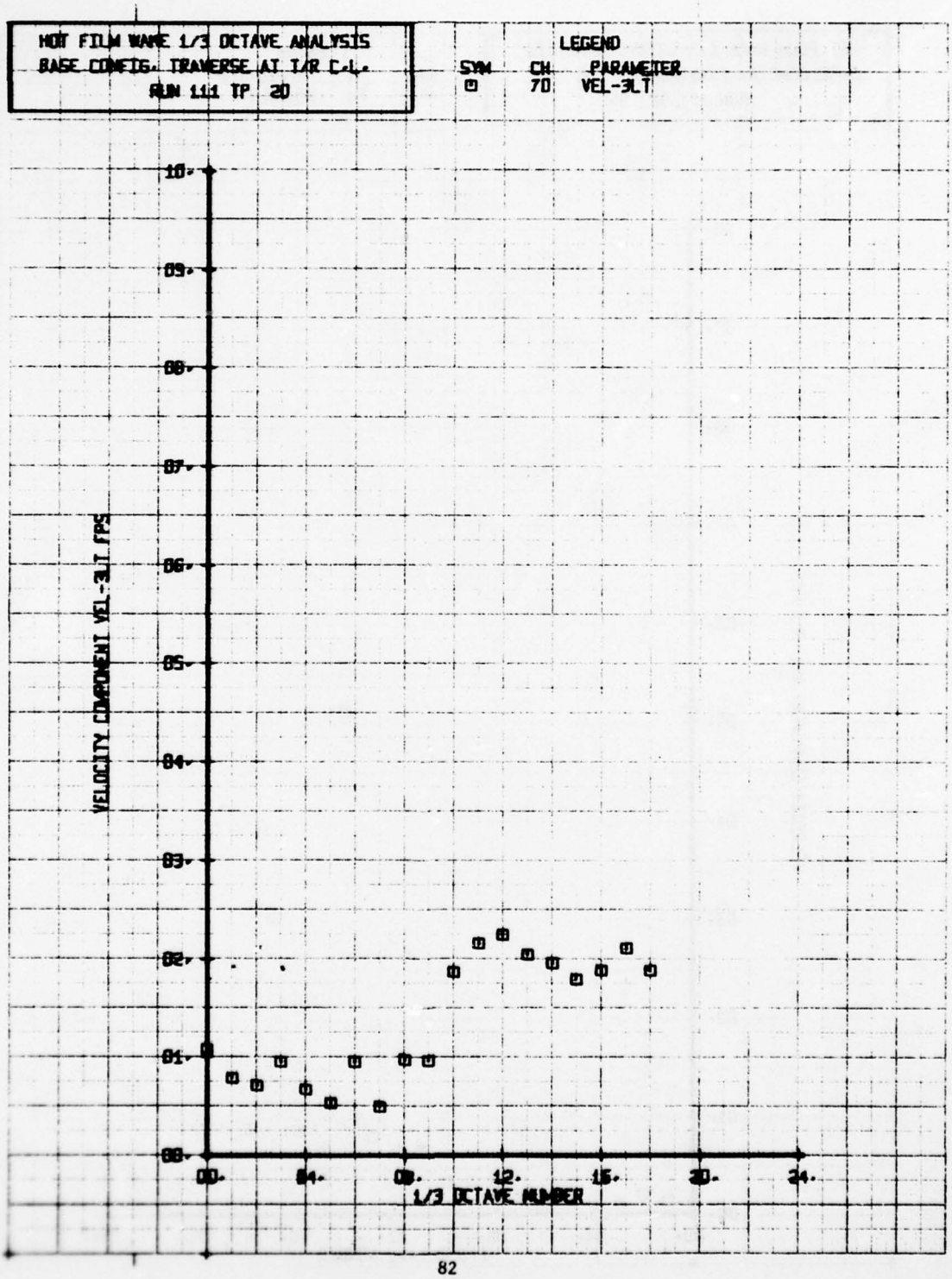

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C-L.
RUN 111 TP 28
LEGEND
SYM CH PARAMETER
72 VEL-2LT
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VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

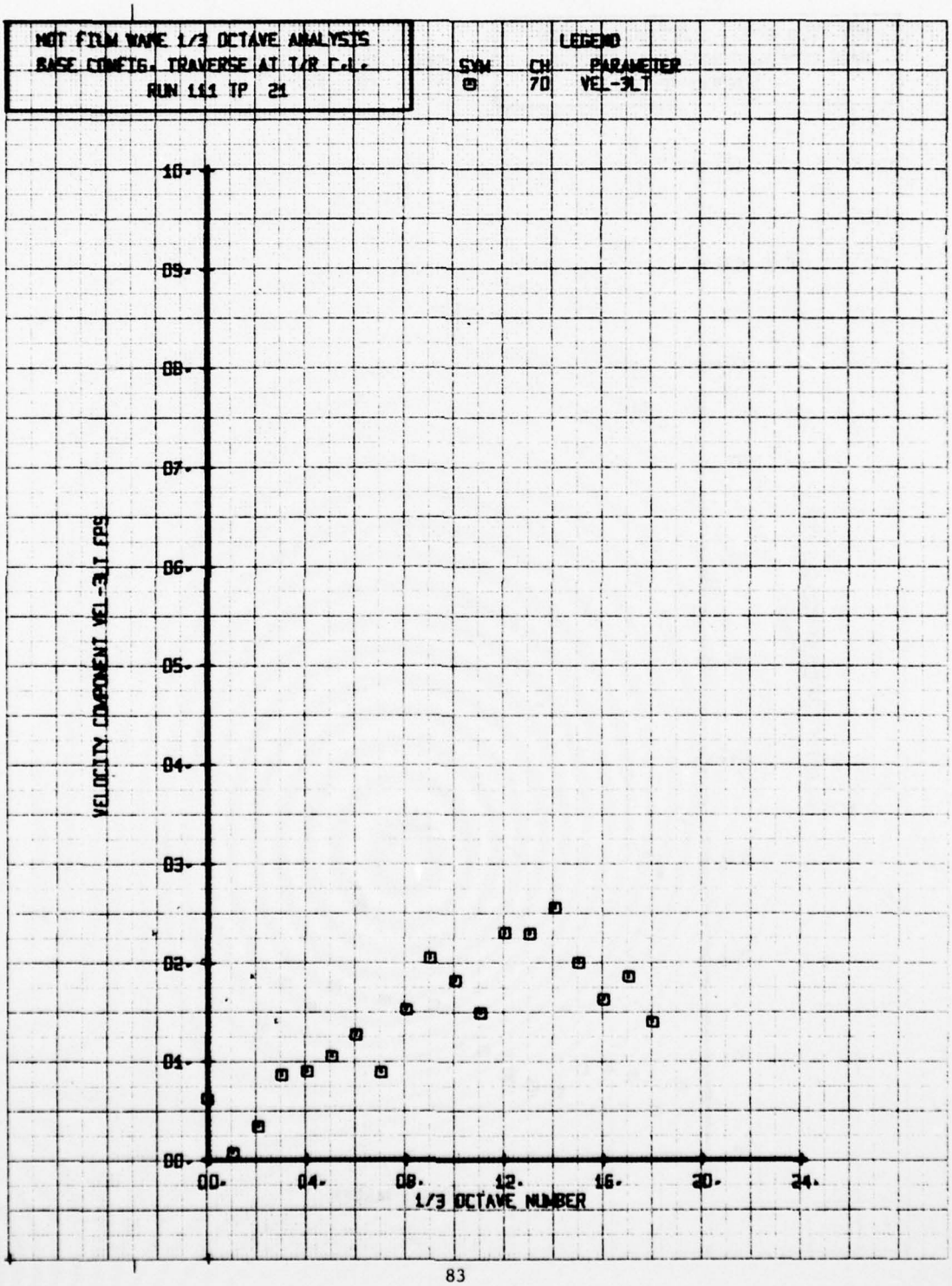

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 30
LEGEND
SYM CH PARAMETER
72 VEL-2LT
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VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

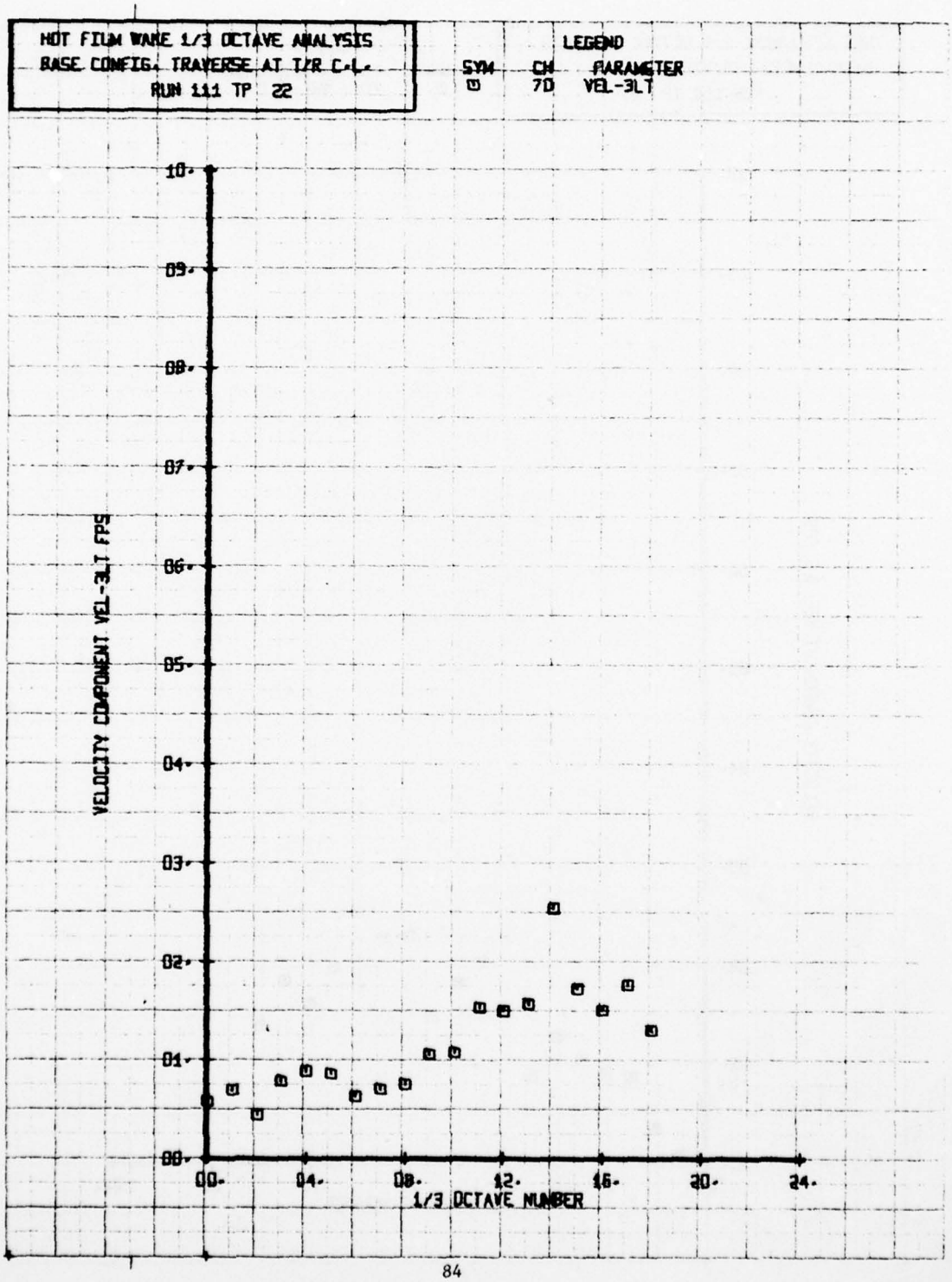

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 32
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

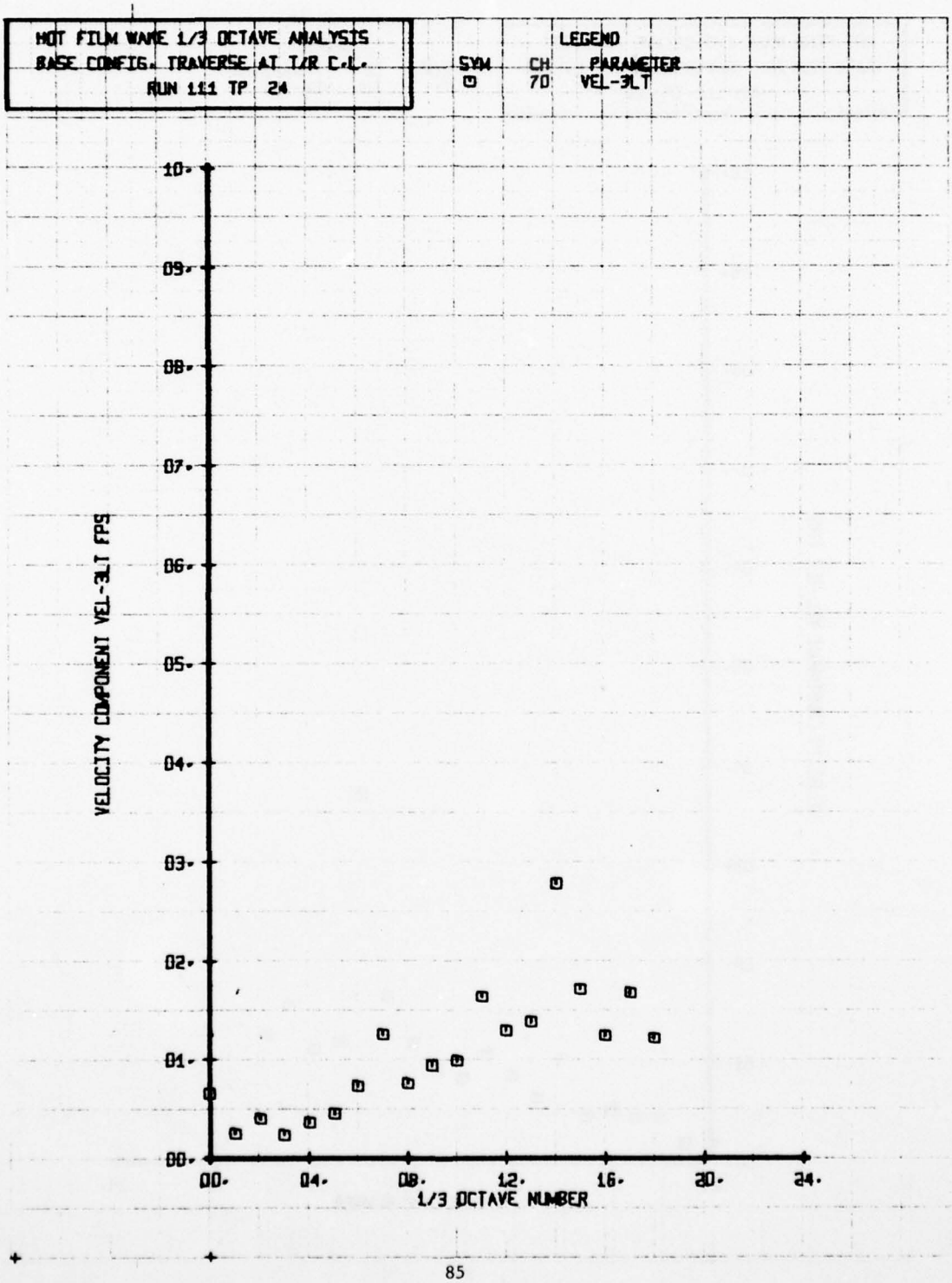

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 34
LEGEND
SYM CH PARAMETER
72 VEL-2LT
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VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

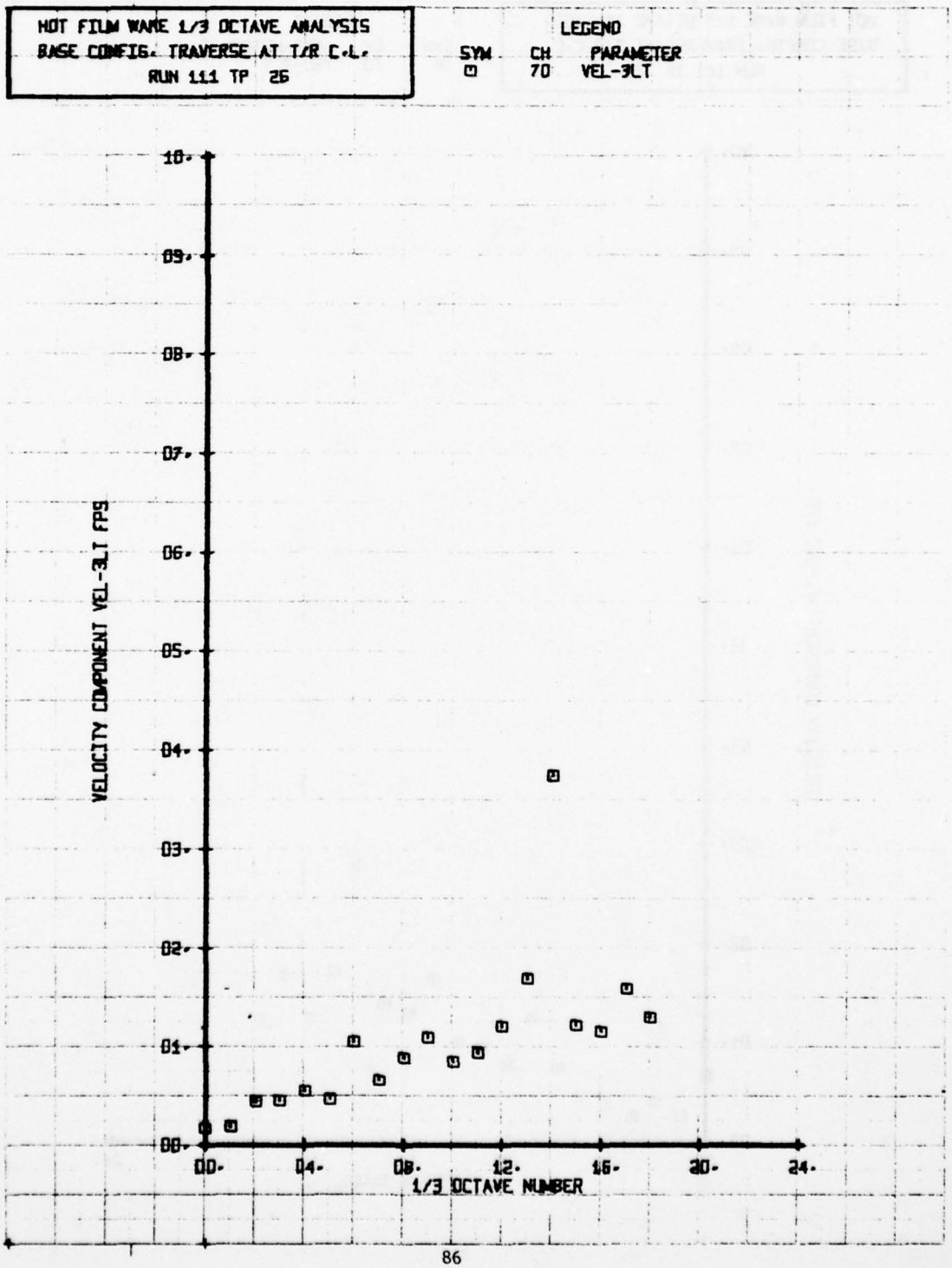

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 36
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
1/3 OCTAVE NUMBER
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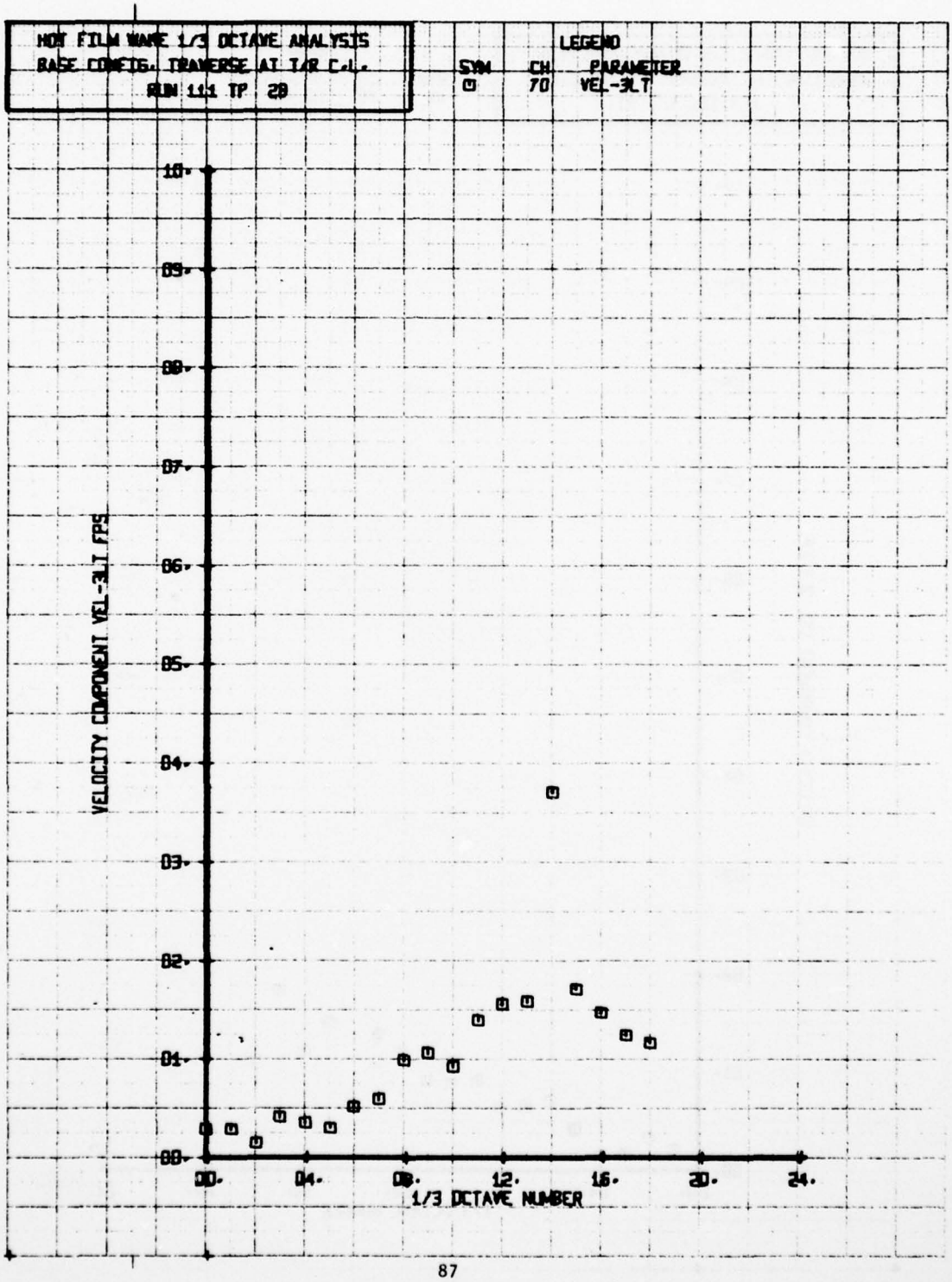

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 20
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
1/3 OCTAVE NUMBER
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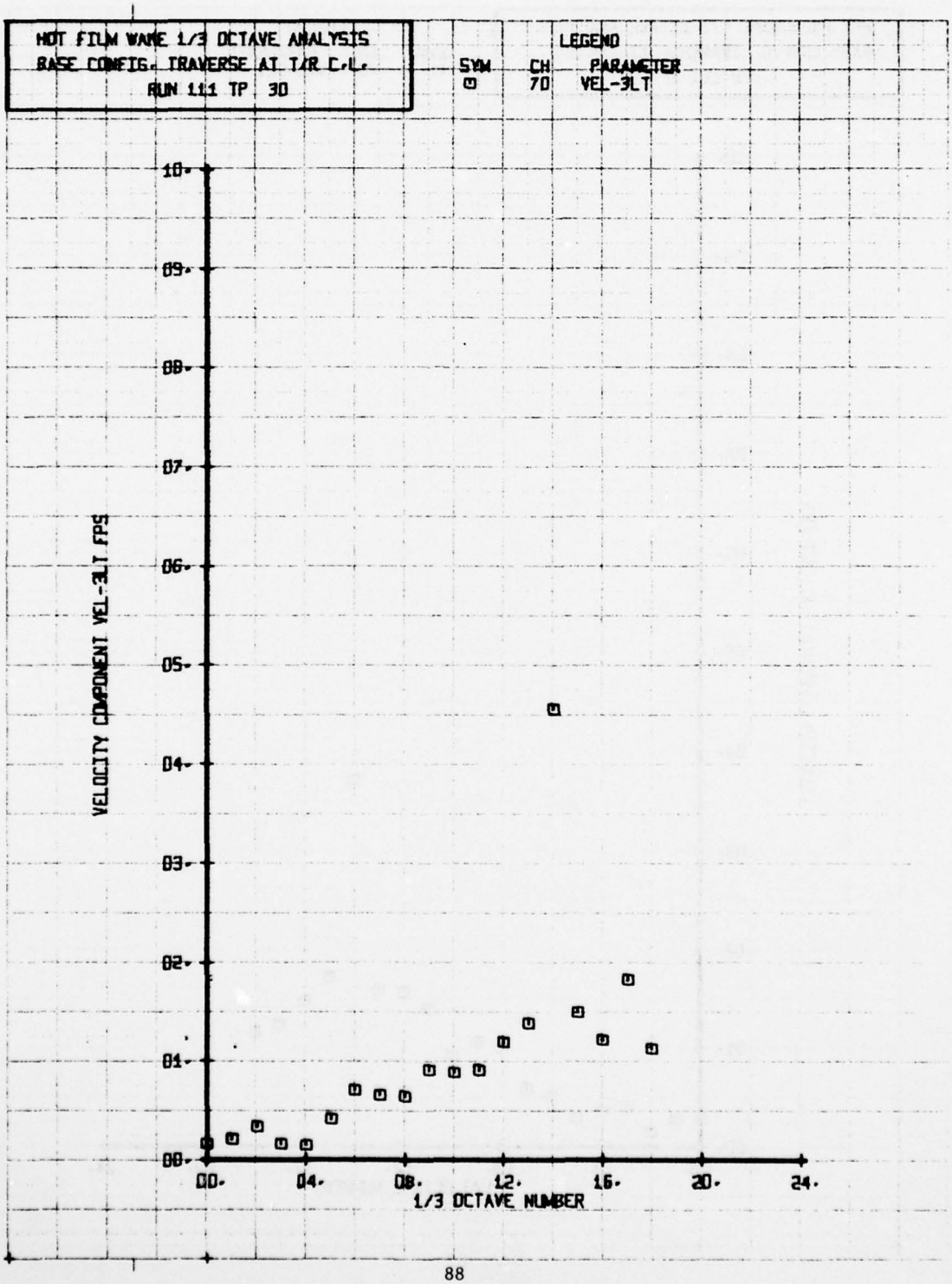

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 161 TP 21
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
1/3 OCTAVE NUMBER
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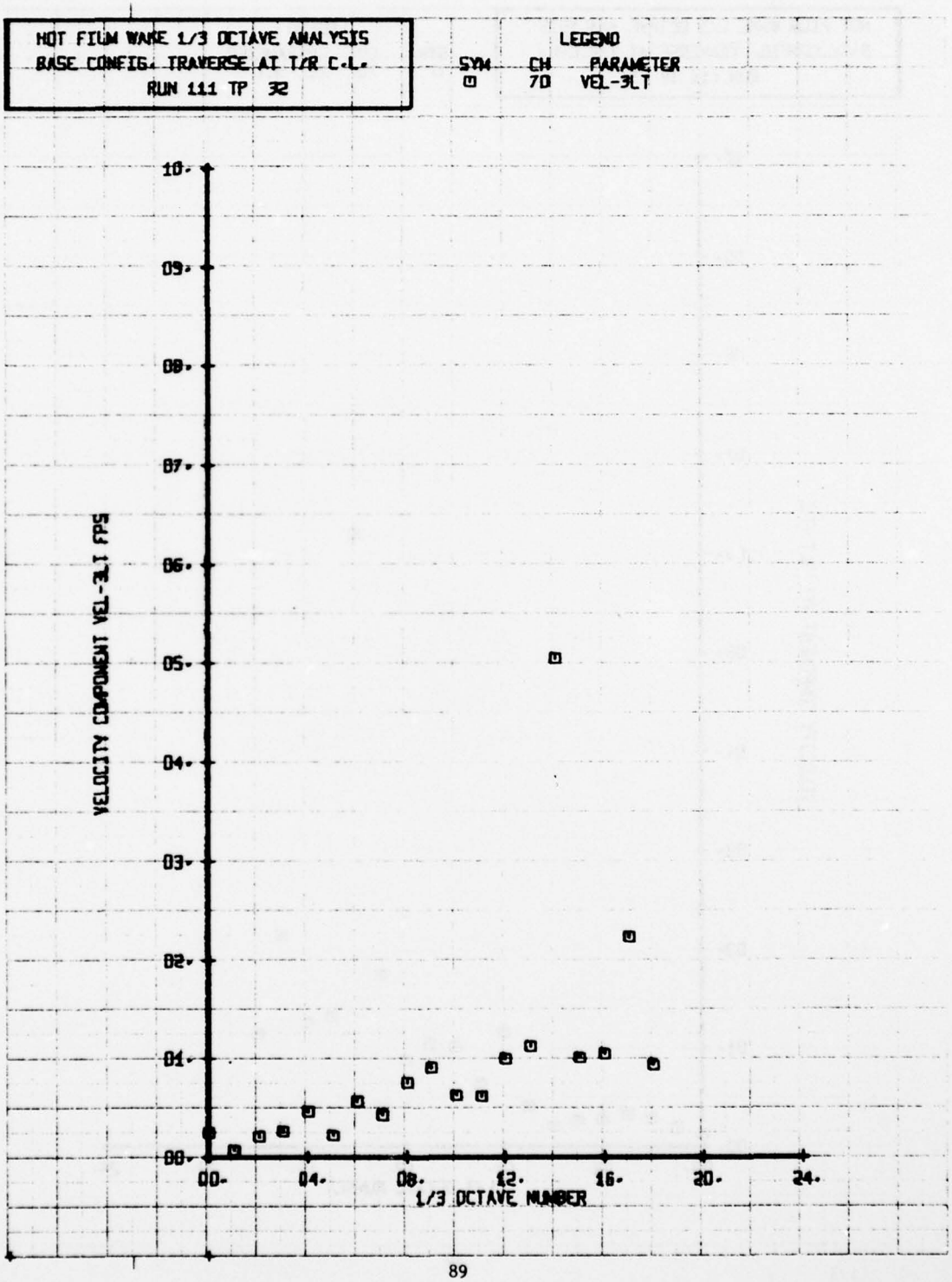

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 22
LEGEND
SYM CH PARAMETER
7D VEL-3LT
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VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

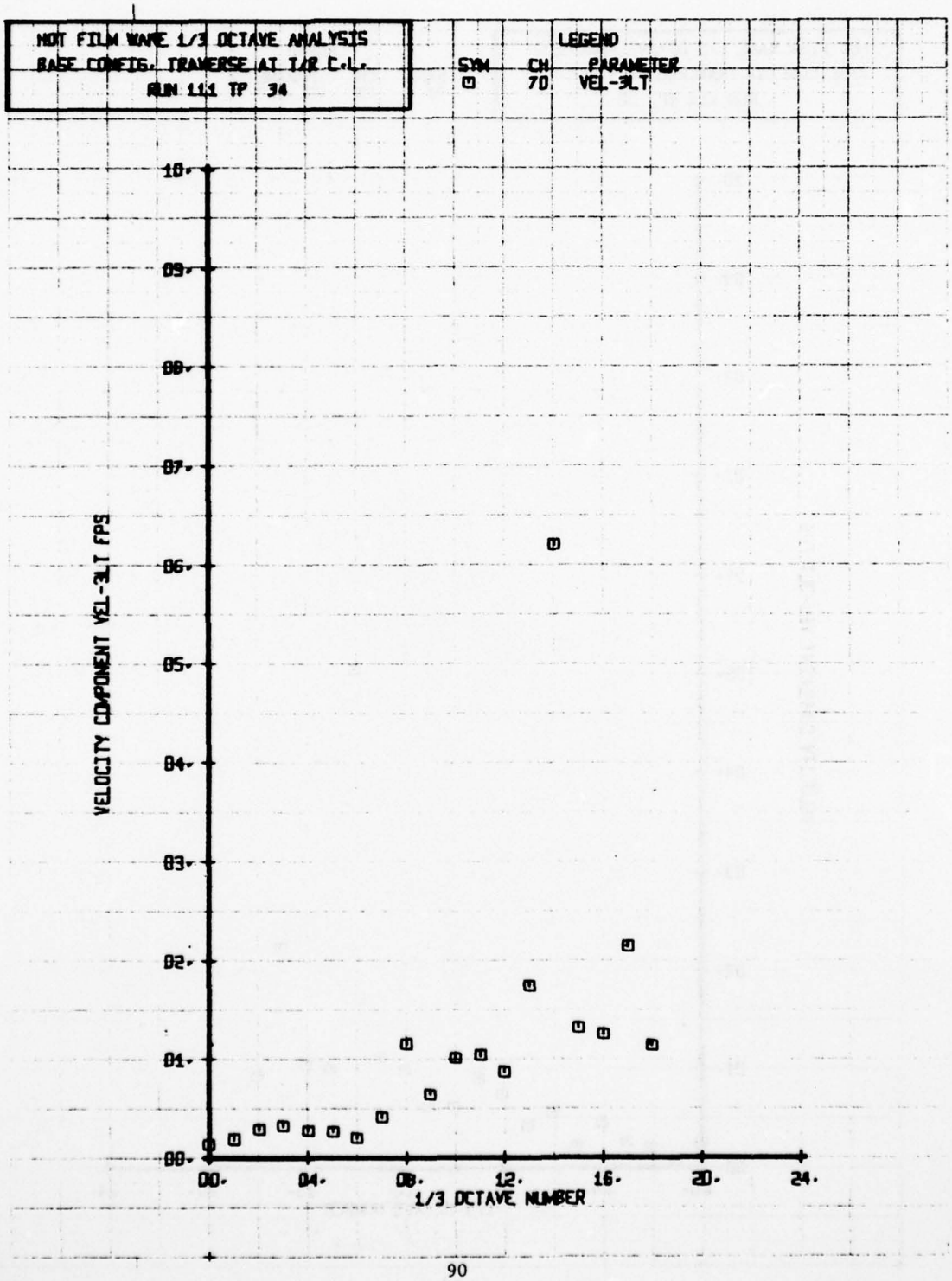

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 24
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

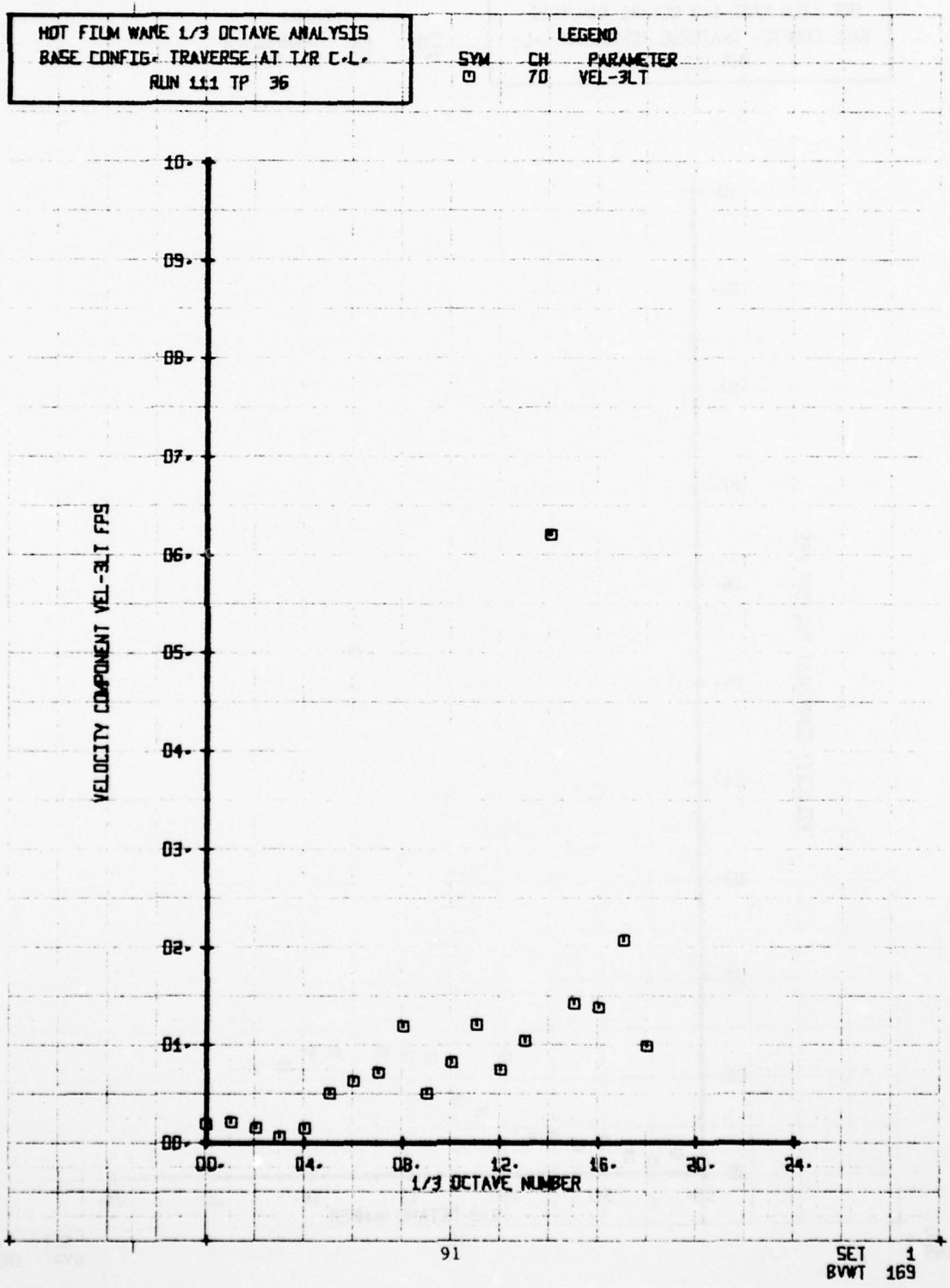

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 26
LEGEND
SYM CH PARAMETER
70 VEL-3LT
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1/3 OCTAVE NUMBER

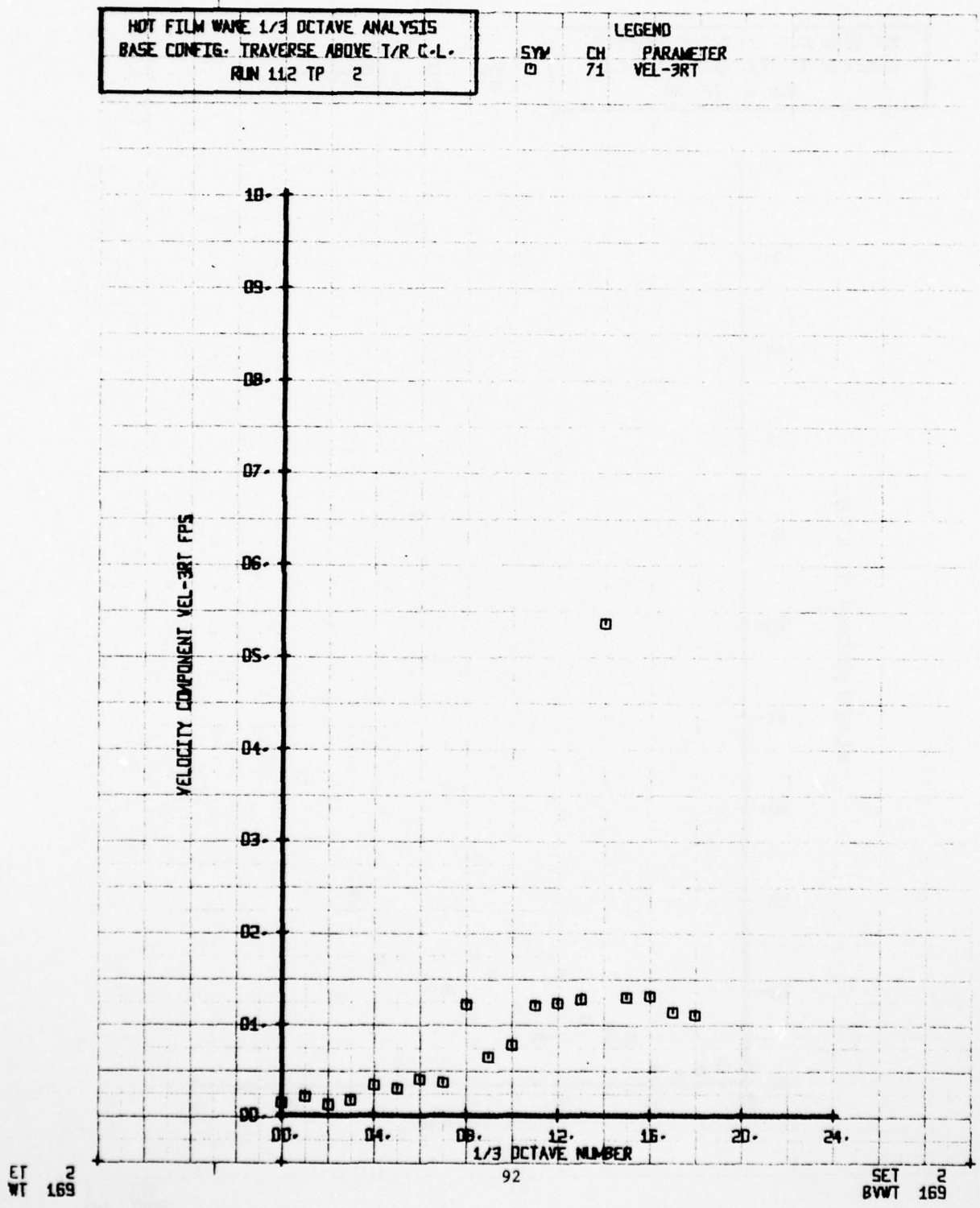

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 28
LEGEND
SYM CH PARAMETER
70 VEL-3LT
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1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 30
LEGEND
SYM CH PARAMETER
70 VEL-3LT
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VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER


HOT FIUM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 32
LEGEND
SYM CH PARAMETER
70 VEL-3LT
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VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

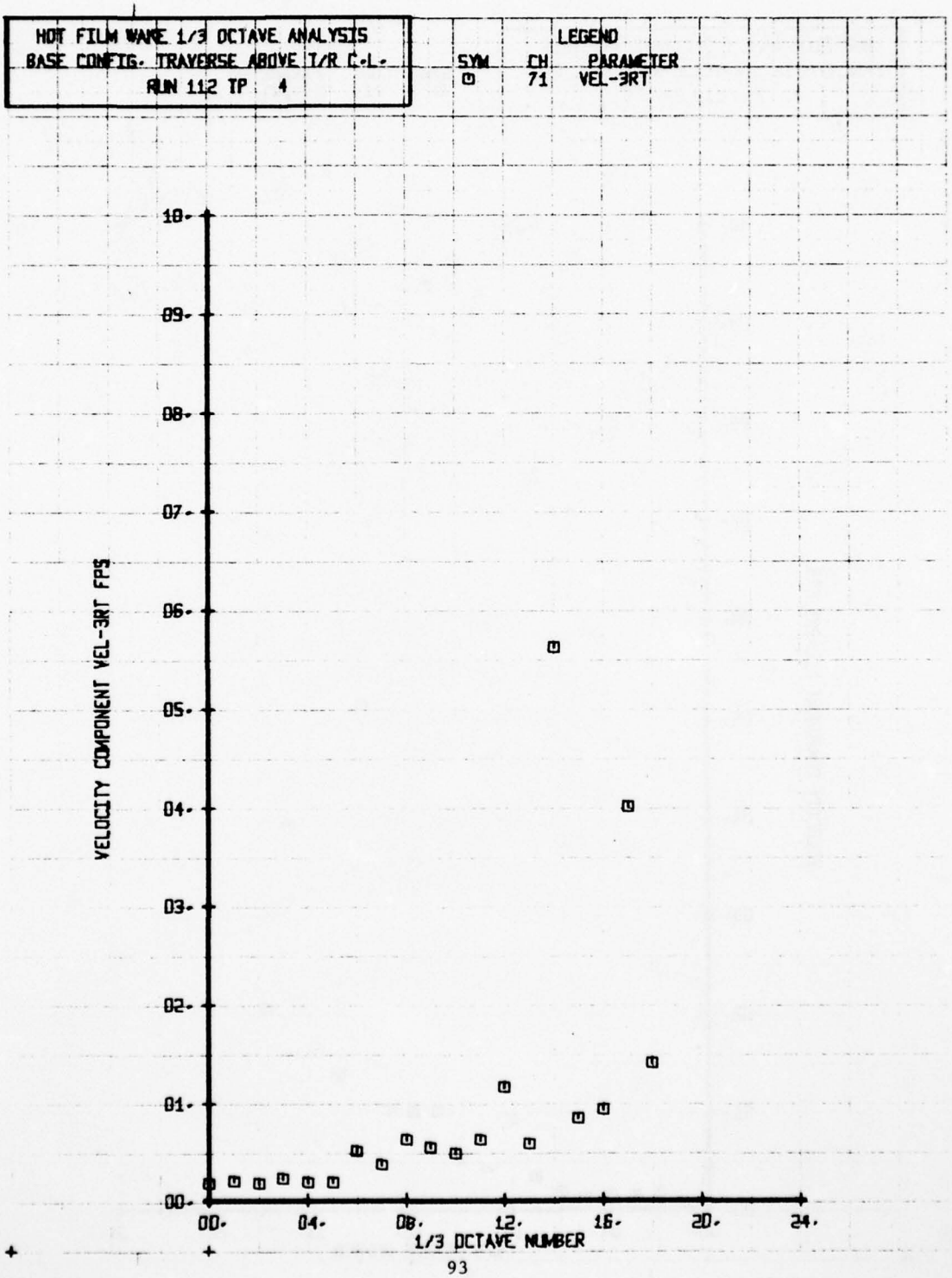

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 34
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE AT T/R C.L.
RUN 111 TP 36
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER
SET 1
BVWT 169



ET 2
WT 169

SET 2
BVWT 169

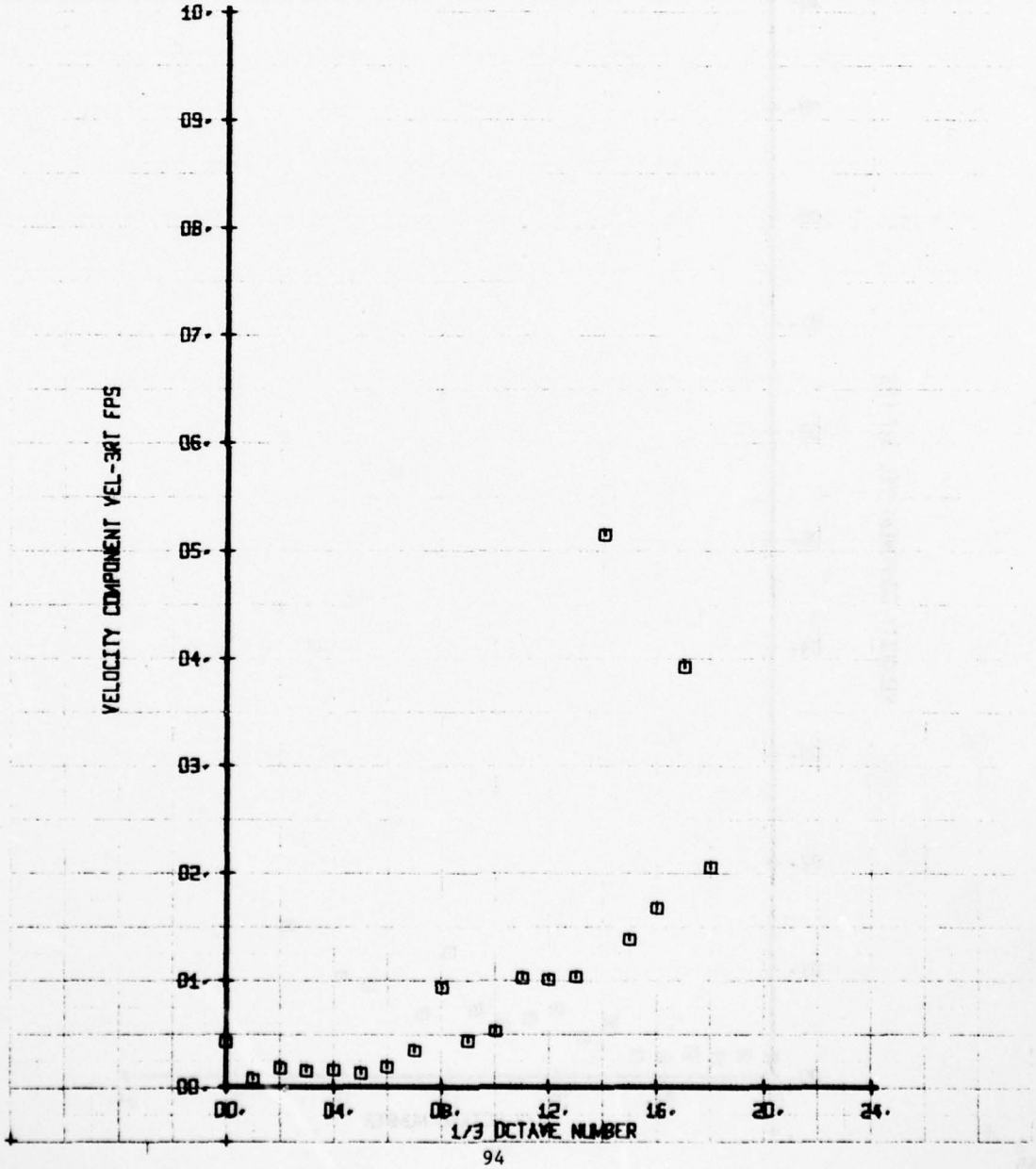

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 4
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
1/3 OCTAVE NUMBER
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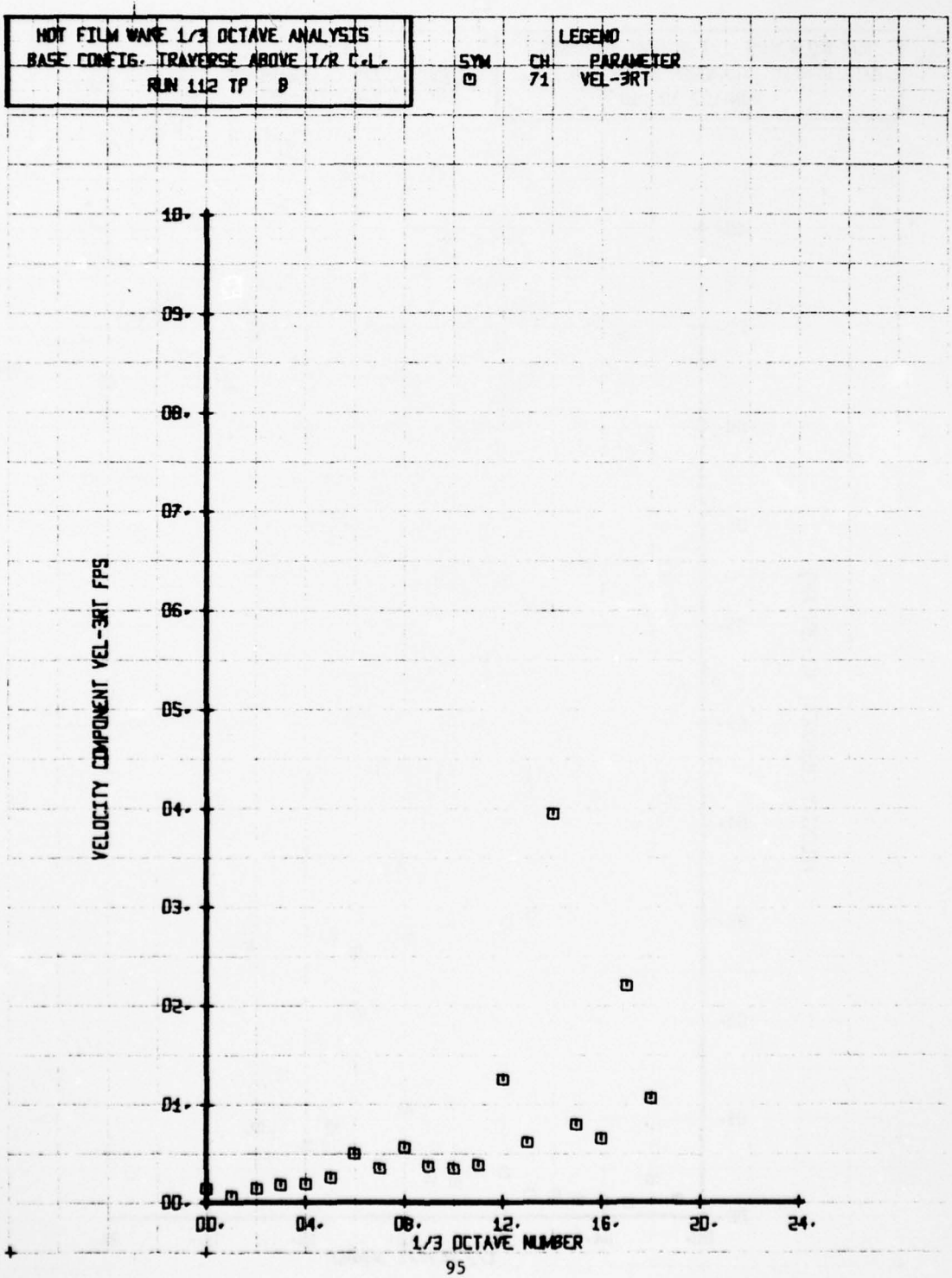
ET 2
WT 169

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 6

LEGEND

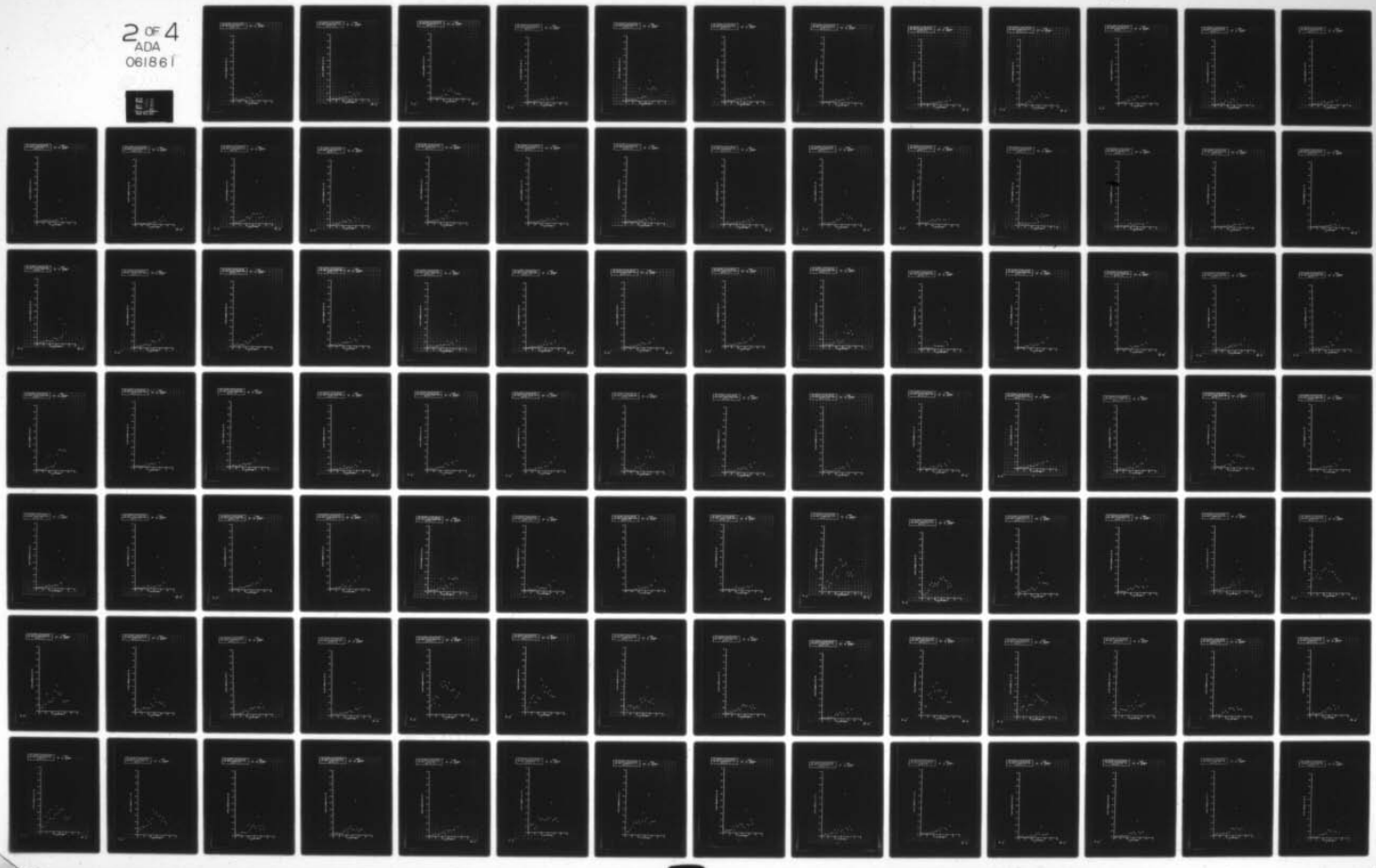
SYM	CH	PARAMETER
□	71	VEL-3RT

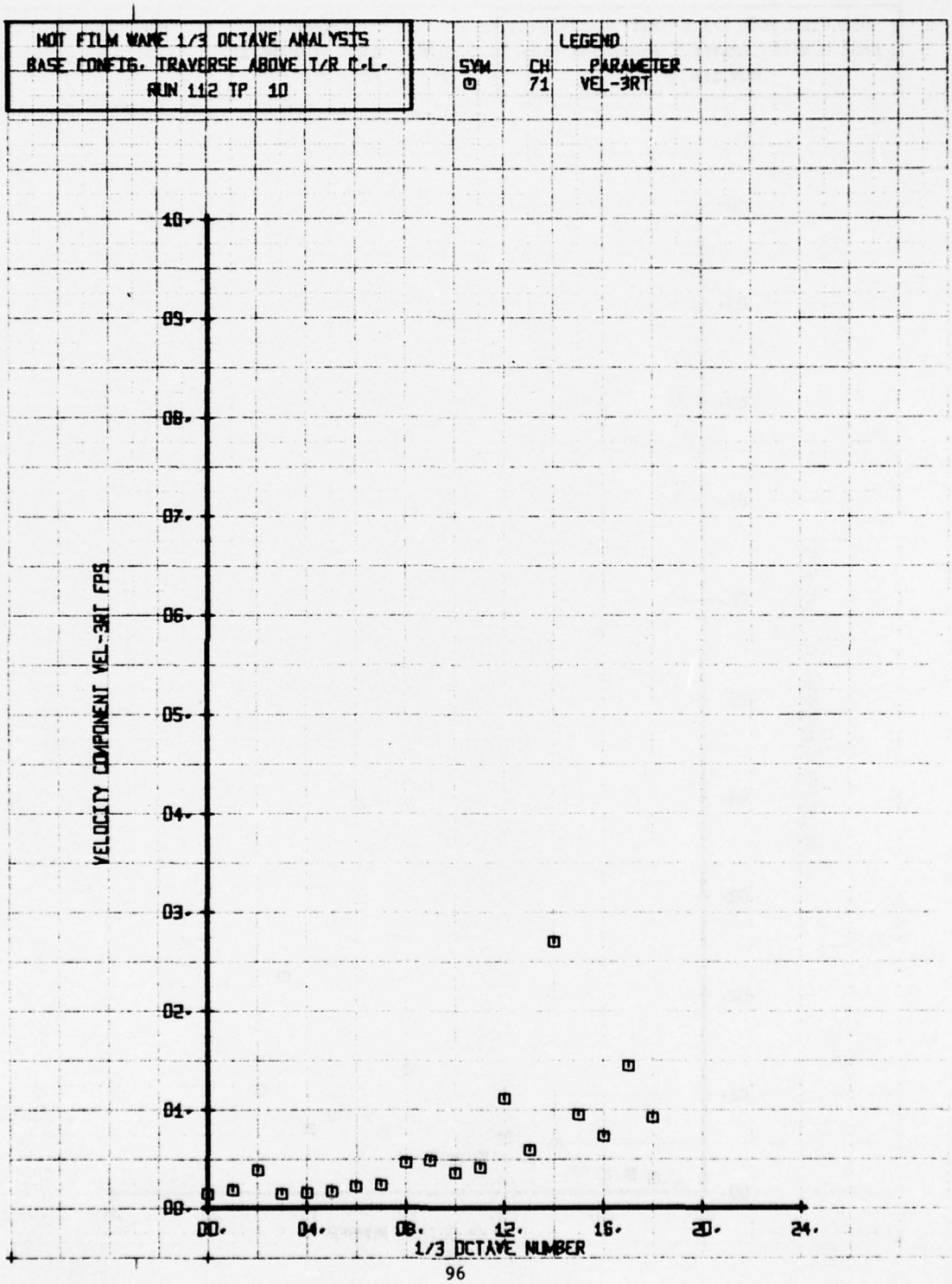


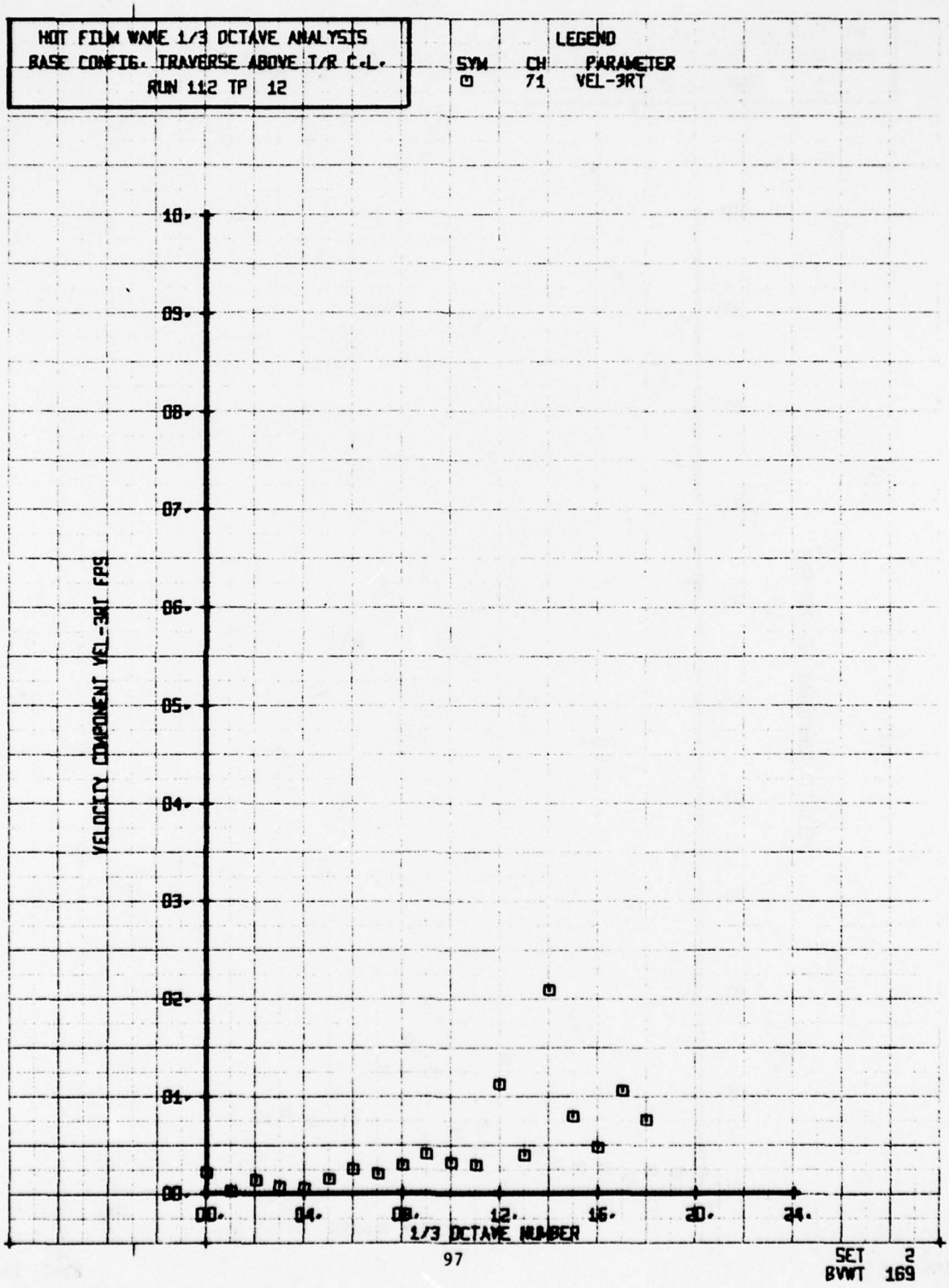

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 8
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
1/3 OCTAVE NUMBER
10.
09.
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08.
12.
16.
20.
24.

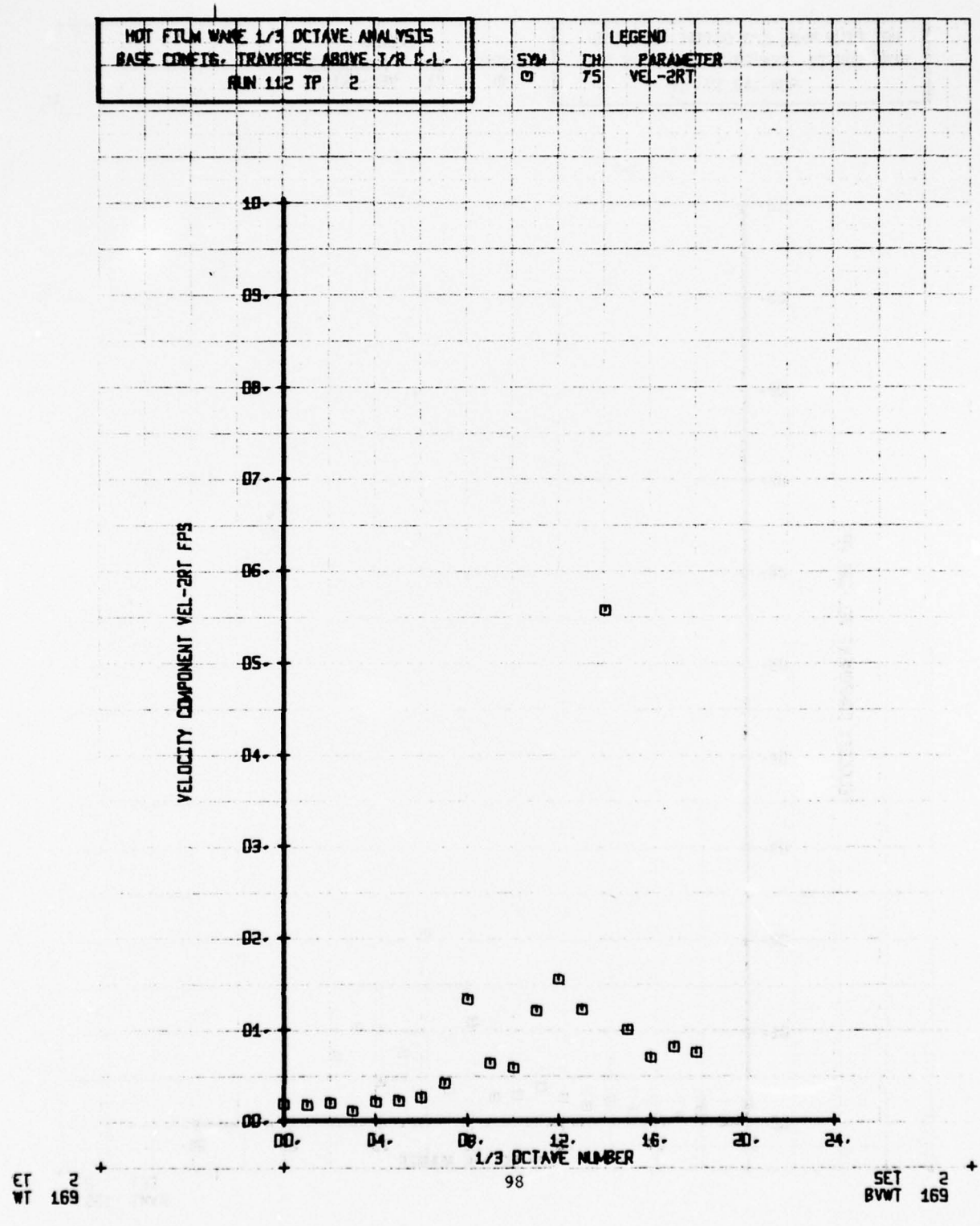
AD-A061 861 BOEING VERTOL CO PHILADELPHIA PA F/G 1/3
INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFI--ETC(U)
SEP 78 P F SHERIDAN DAAJ02-77-C-0020
UNCLASSIFIED USARTL-TR-78-23F NL

2 OF 4
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061861




HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 10
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

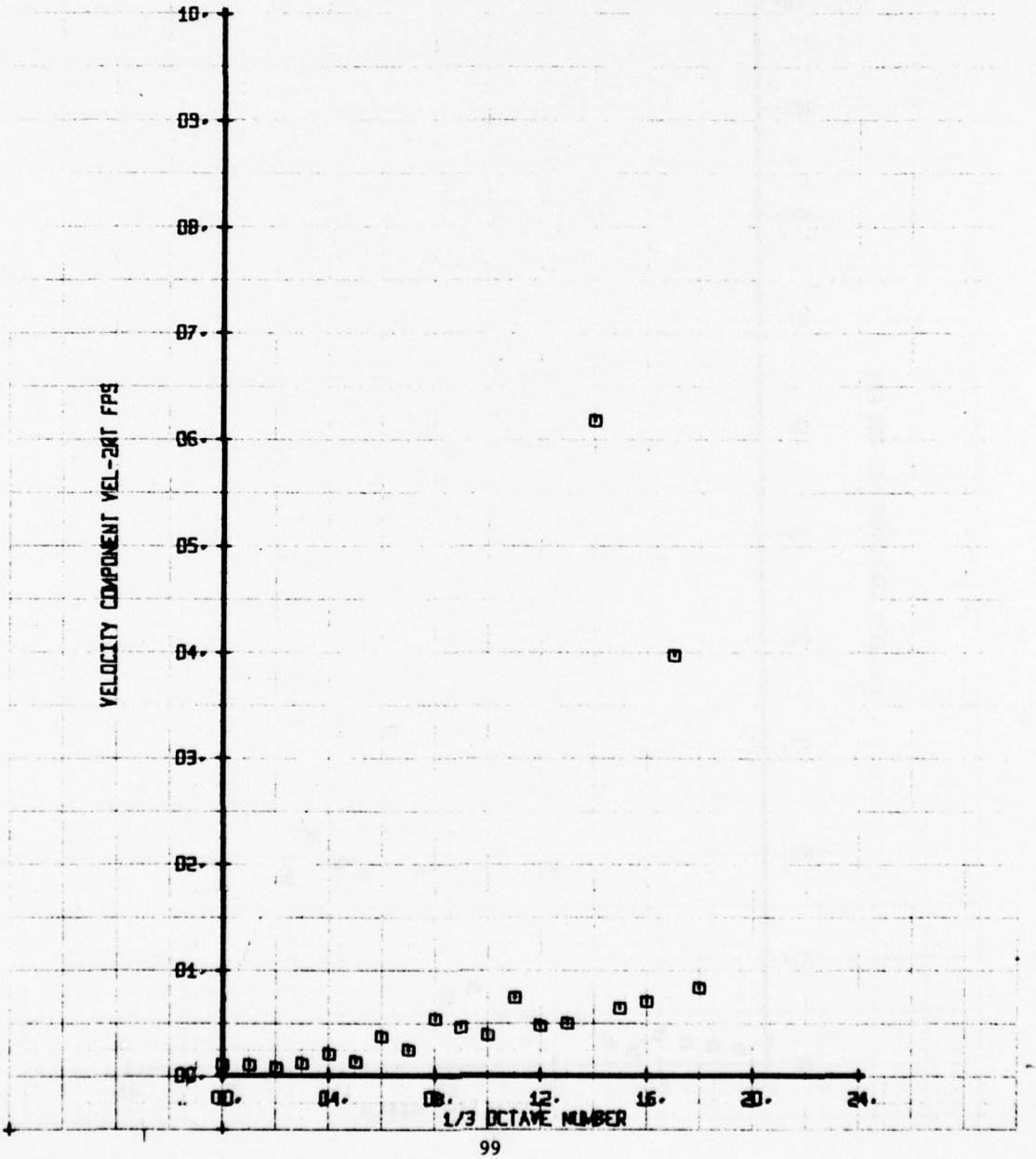

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 12
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
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VELOCITY COMPONENT VEL-3RT FPS
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12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 2
BVWT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 2
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
ET 2
WT 169
SET 2
BVWT 169

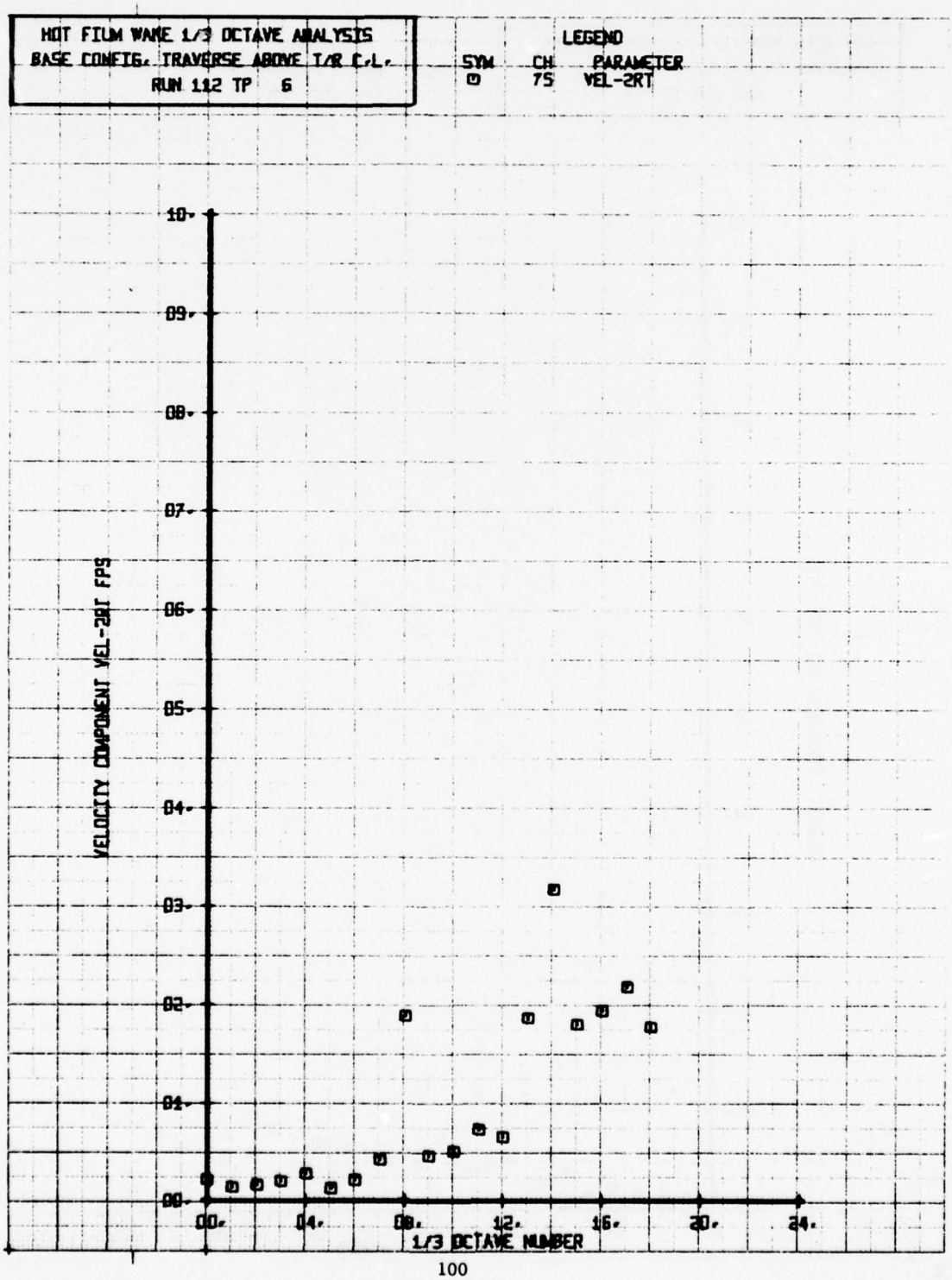
HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 4

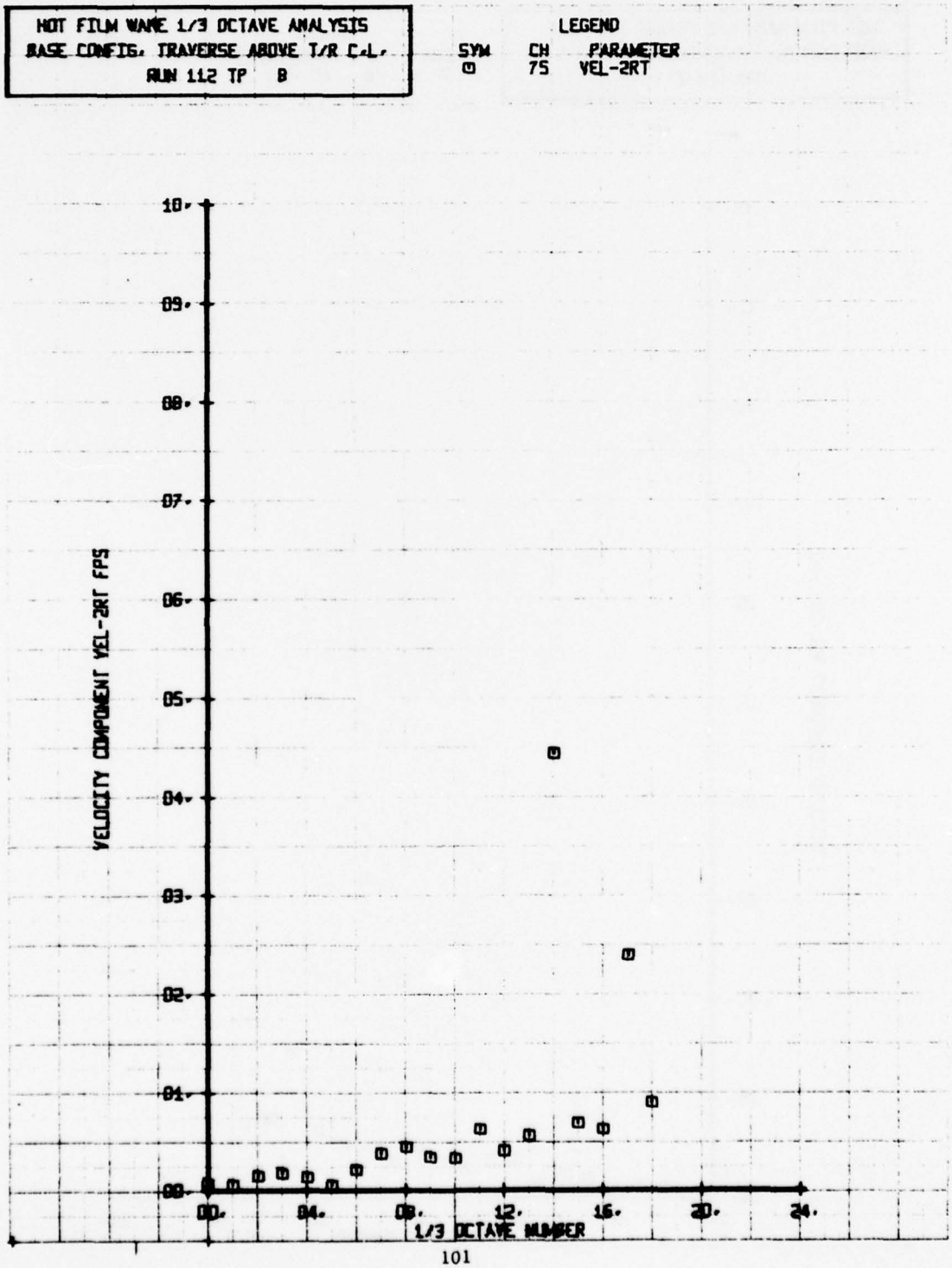
LEGEND

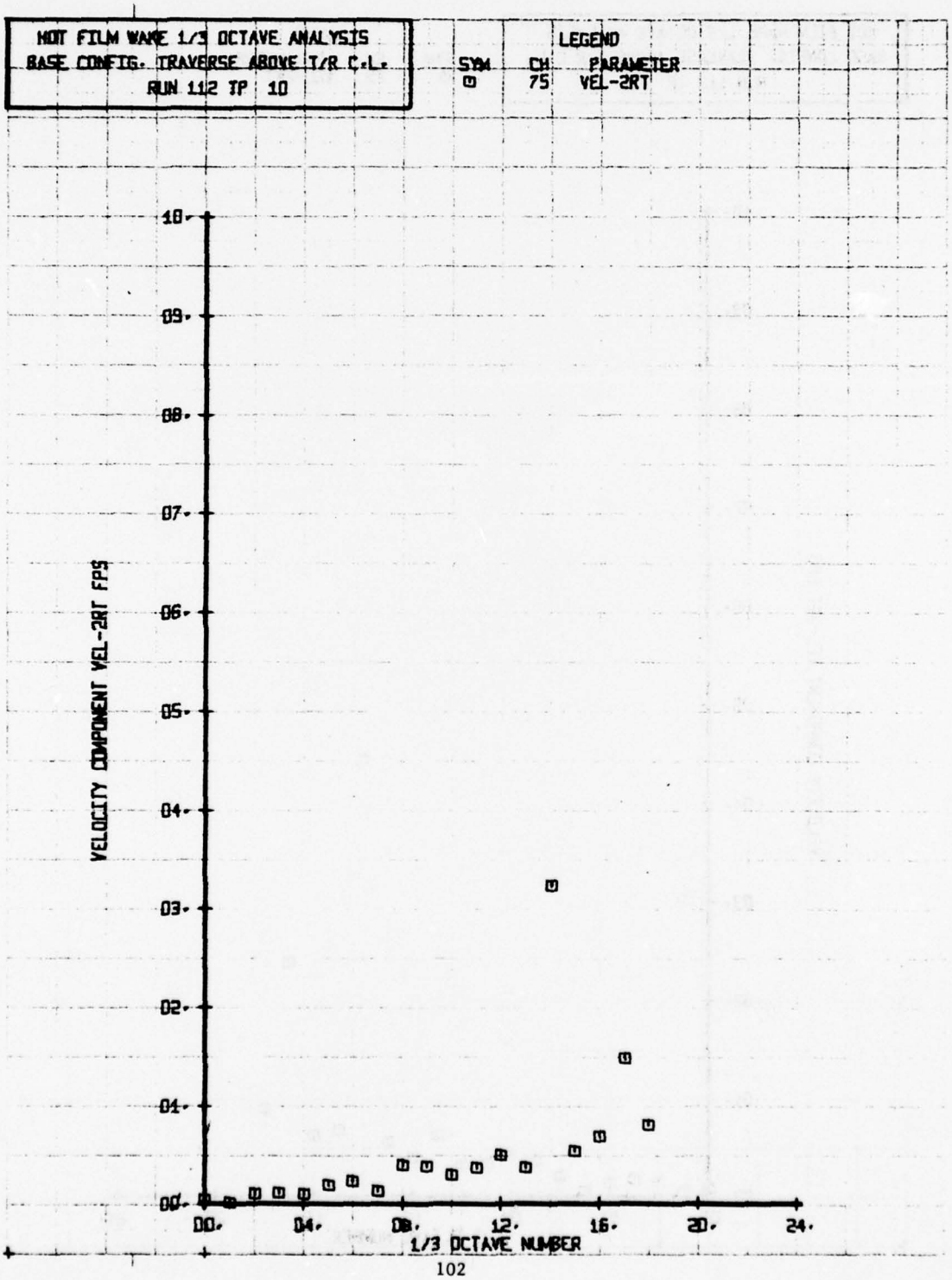
SYM	CH	PARAMETER
□	75	VEL-2RT

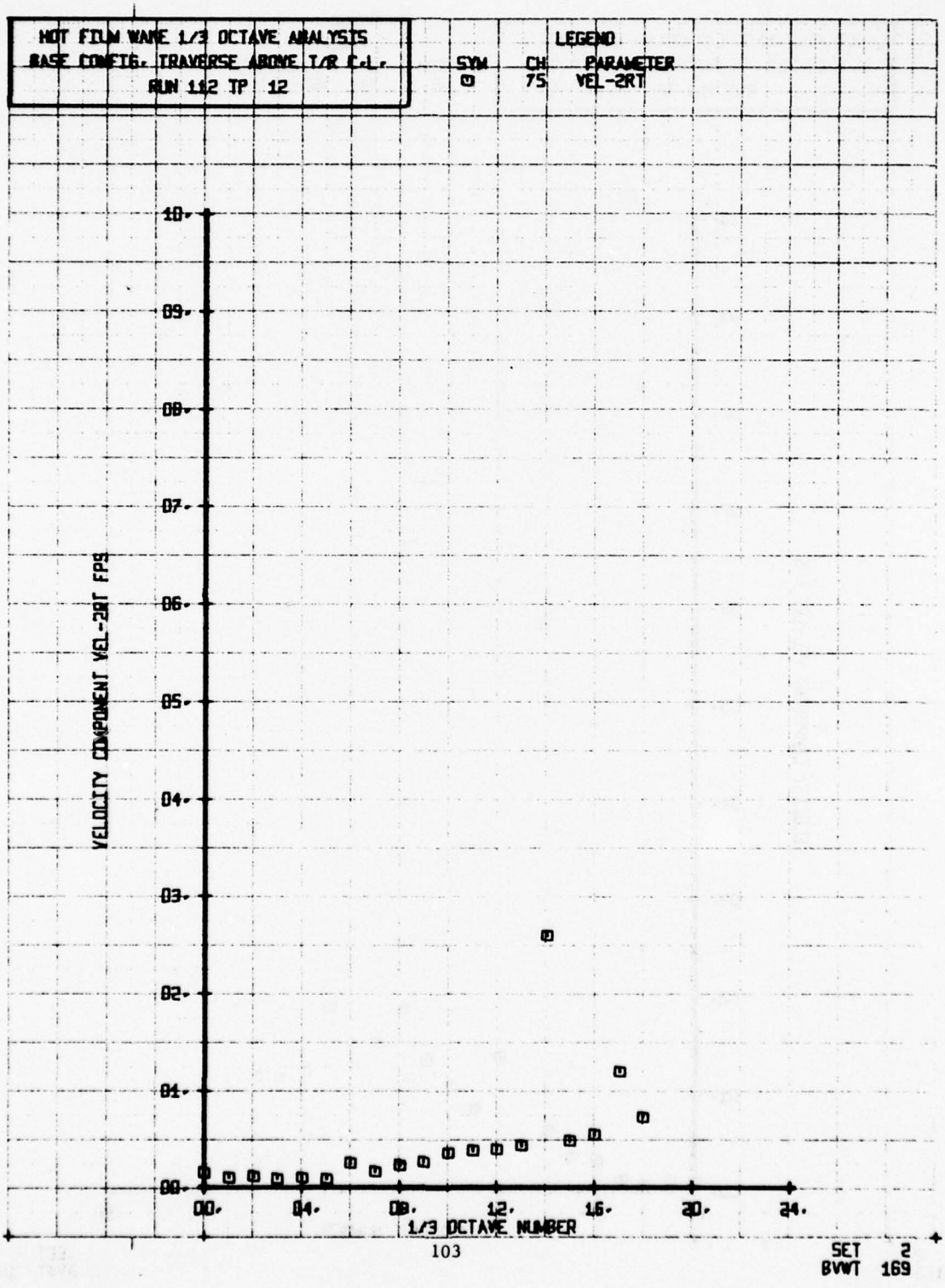


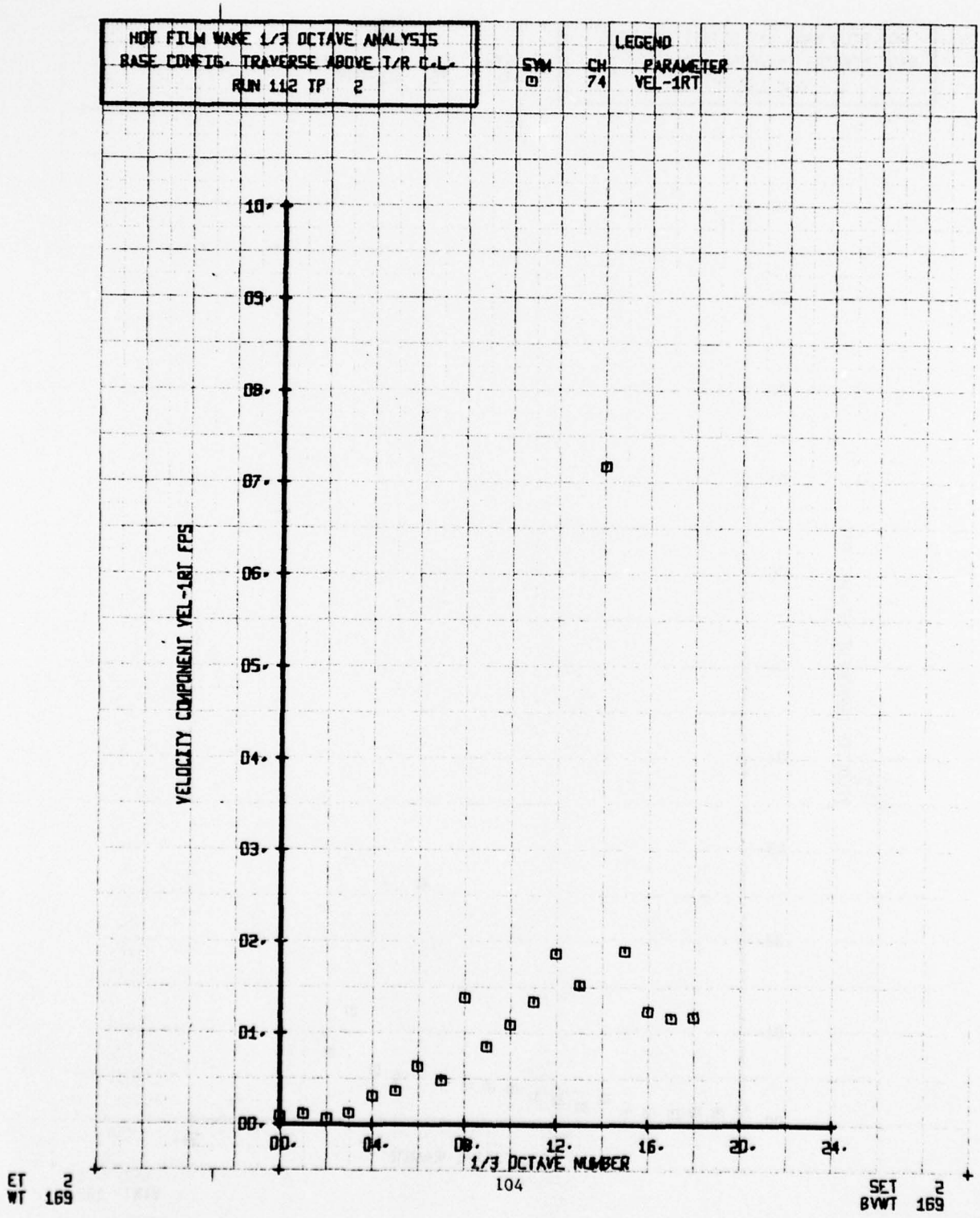
ET 2
WT 169

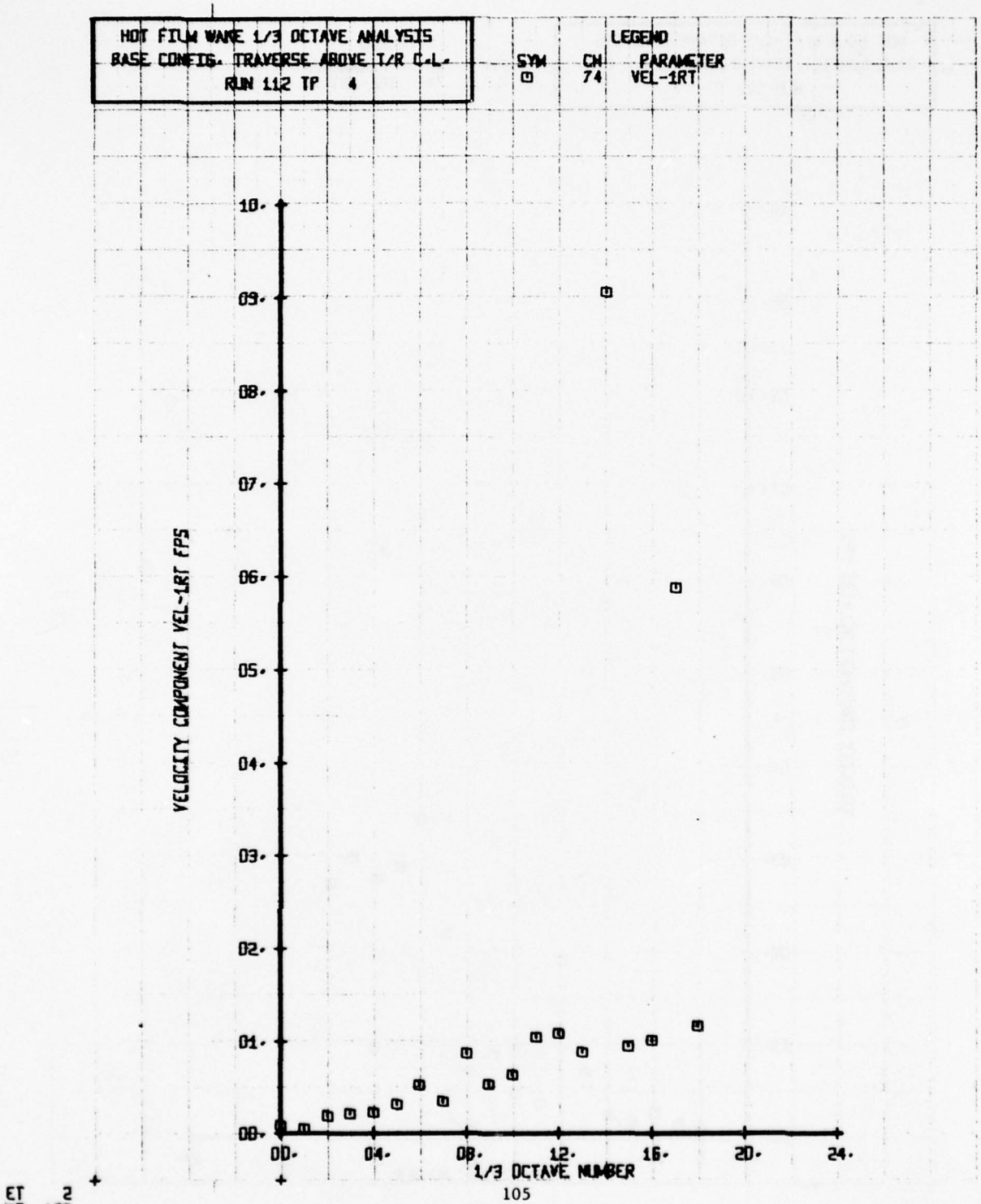

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 6
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
10.
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12.
16.
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24.

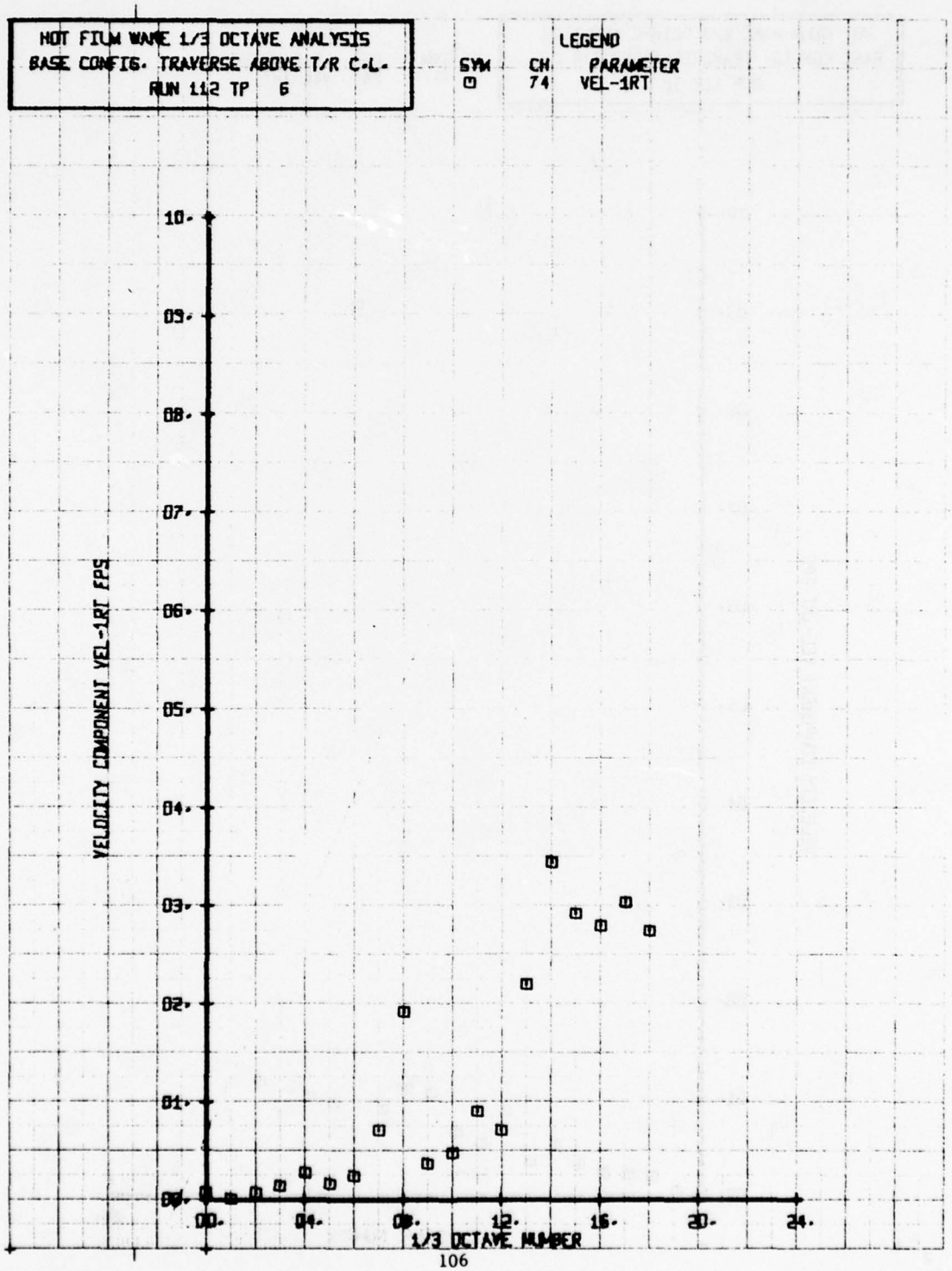

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 8
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
10.
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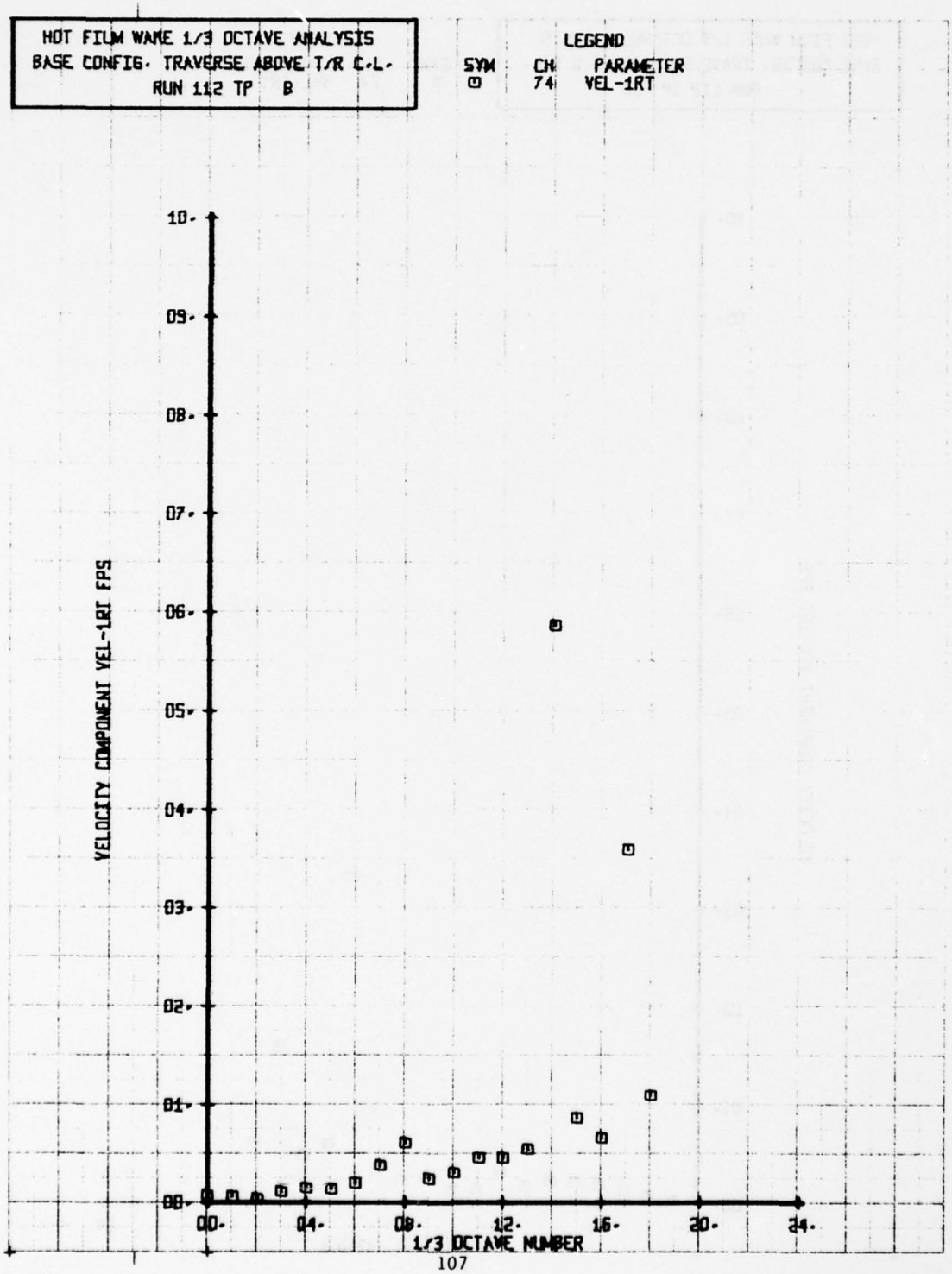

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 10
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
10.
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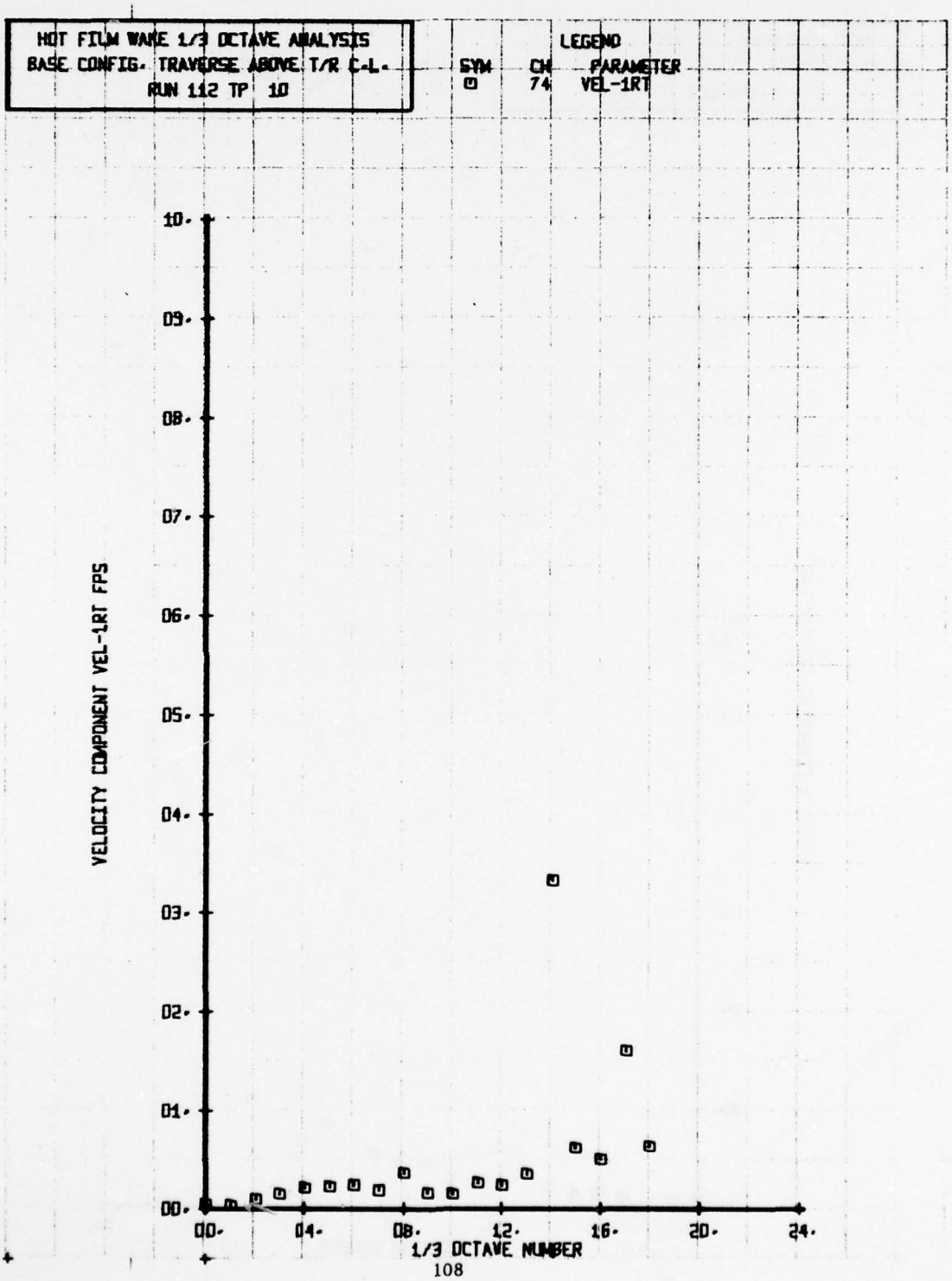

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 12
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 2
BWWT 169

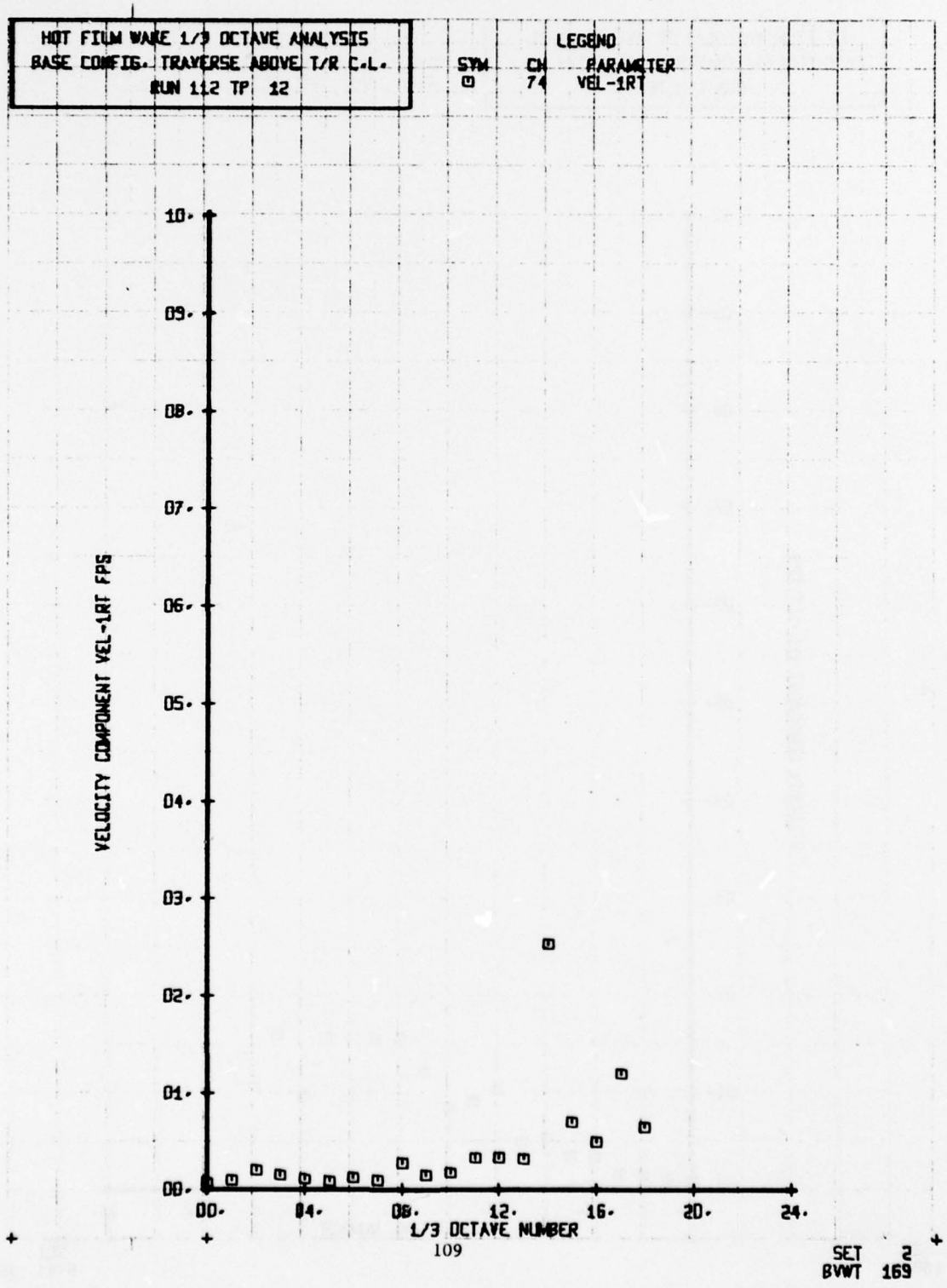

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 2
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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1/3 OCTAVE NUMBER
ET 2
WT 169
SET 2
BVWT 169

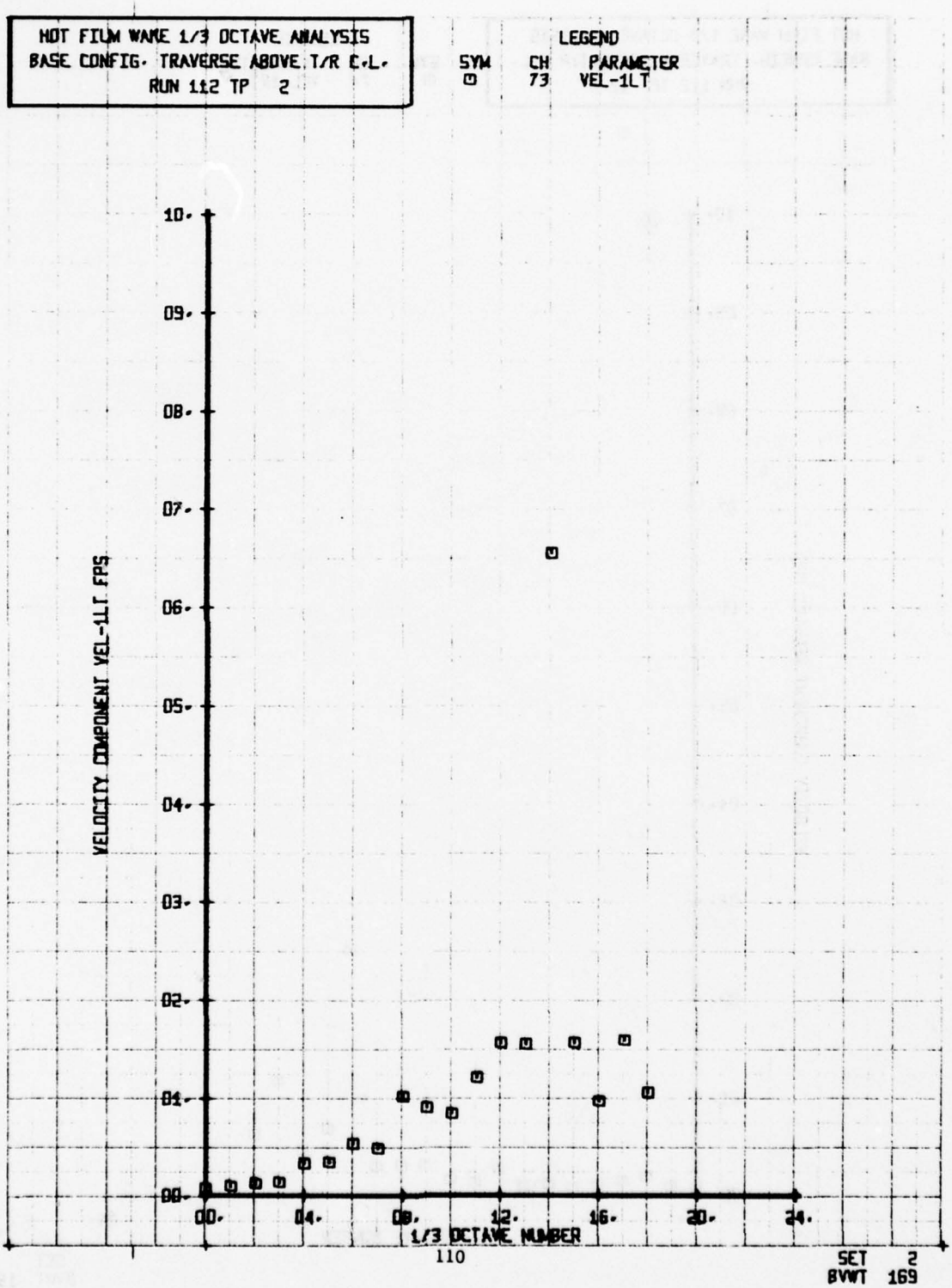

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 4
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
ET 2
WT 169

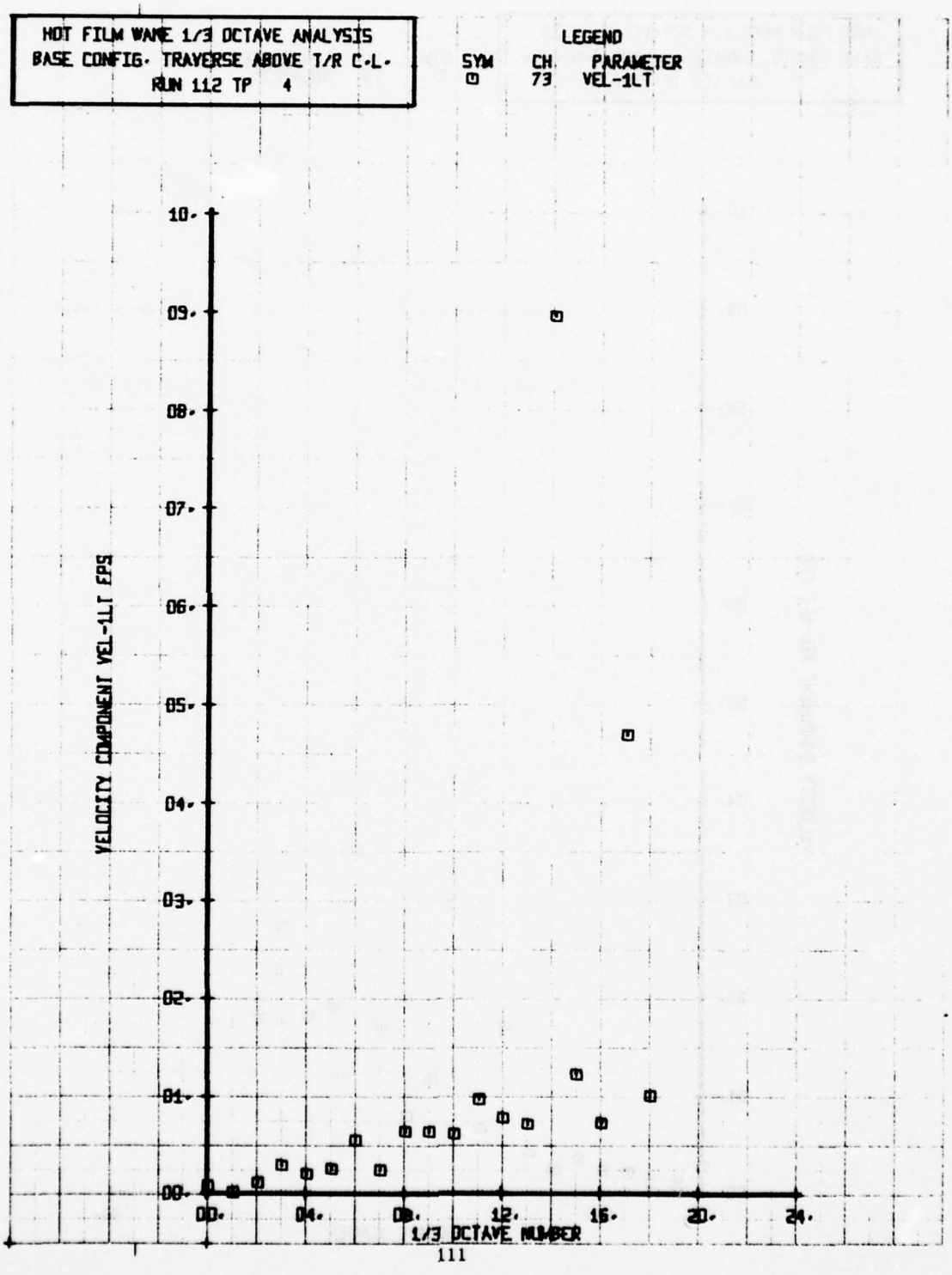

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 6
LEGEND
SYM CH PARAMETER
74 VEL-1RT
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VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP B
LEGEND
SYM CH PARAMETER
74 VEL-1RT
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VELOCITY COMPONENT VEL-1RI FPS
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24.
1/3 OCTAVE NUMBER

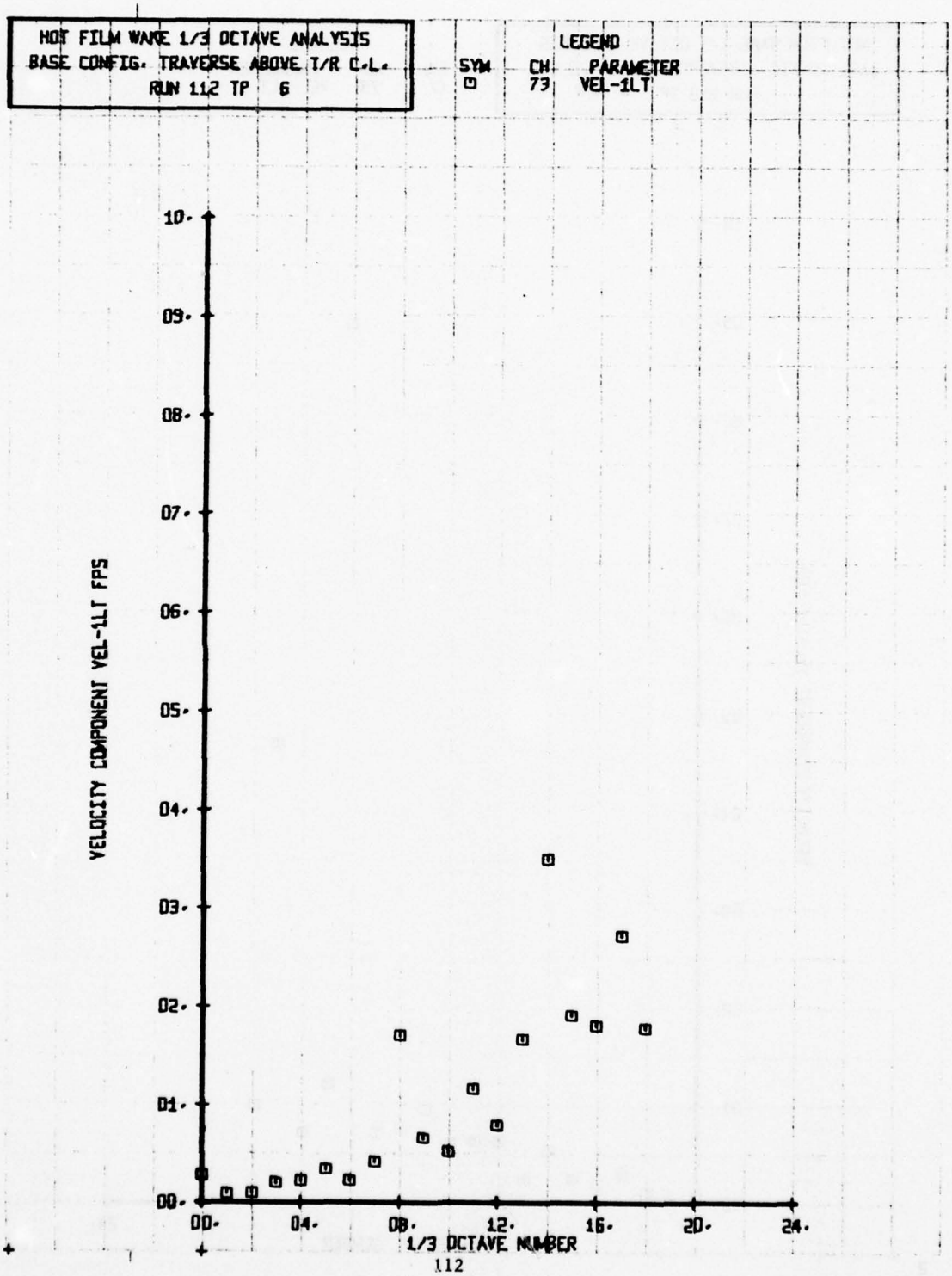

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C-L.
RUN 112 TP 10
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

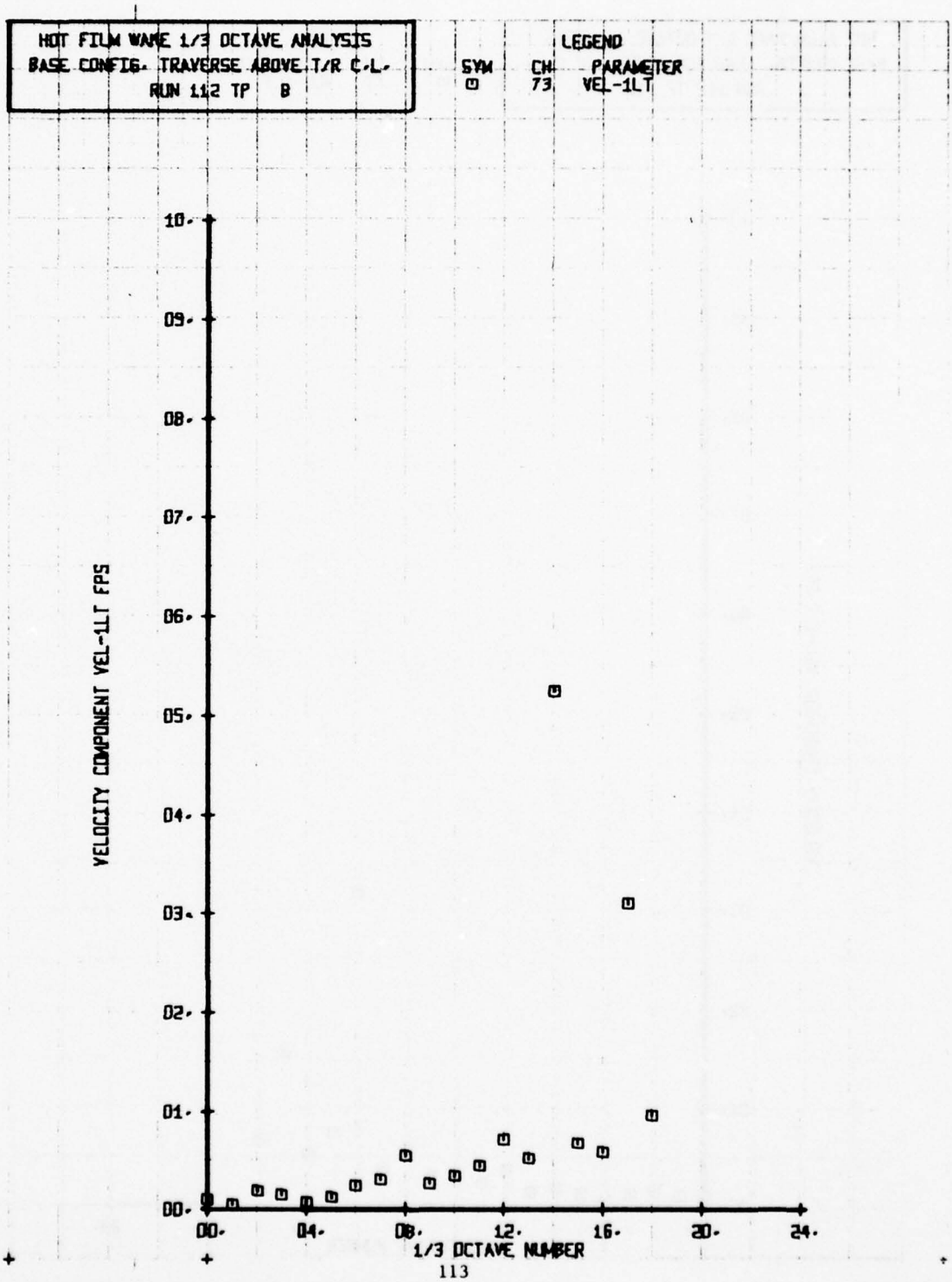

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 12
LEGEND
SYM CH PARAMETER
74 VEL-1RT
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VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER
SET 2
BWT 169

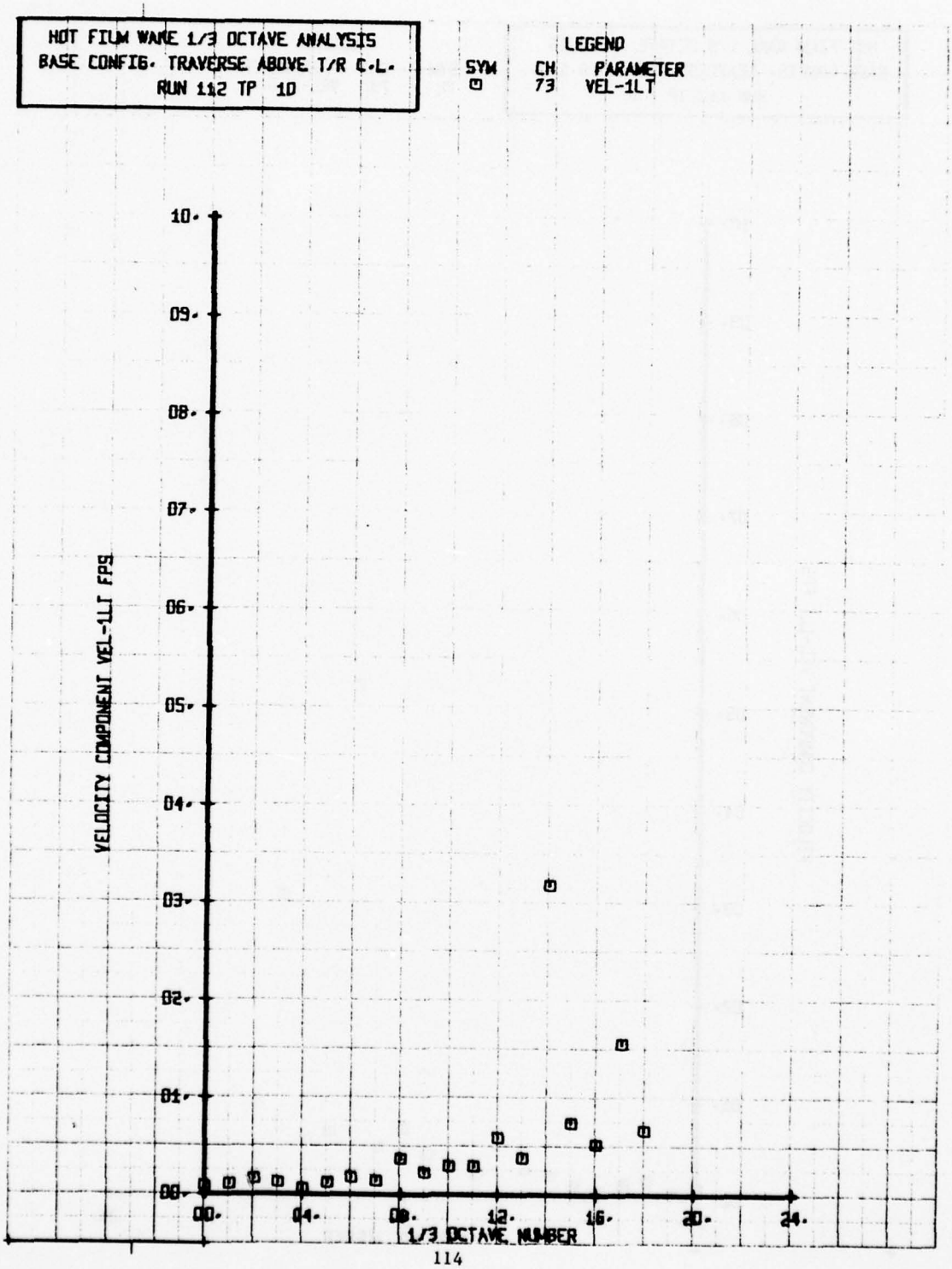

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 2
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER
SET 2
BVWT 169
SET 2
BVWT 169

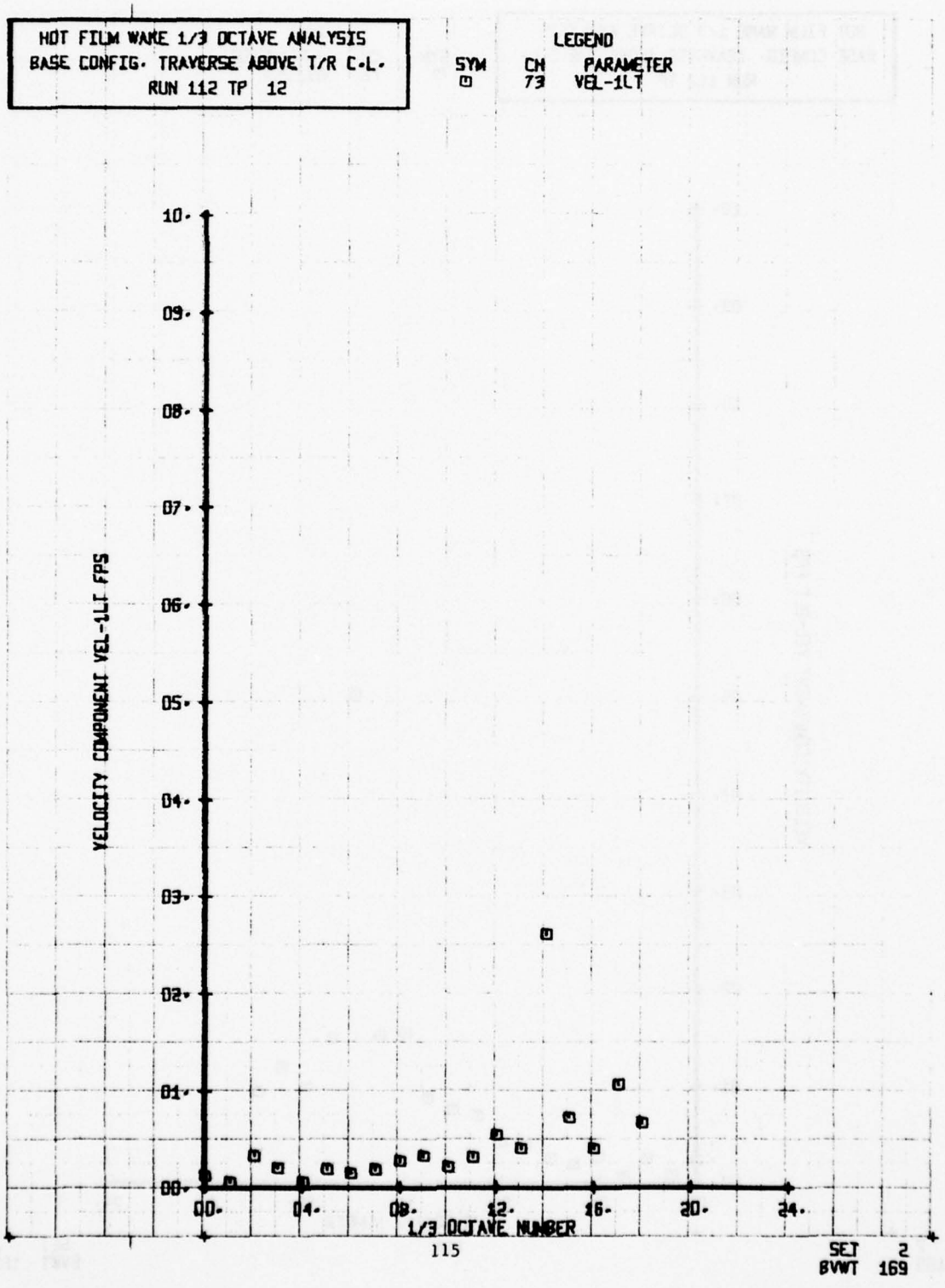

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 4
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

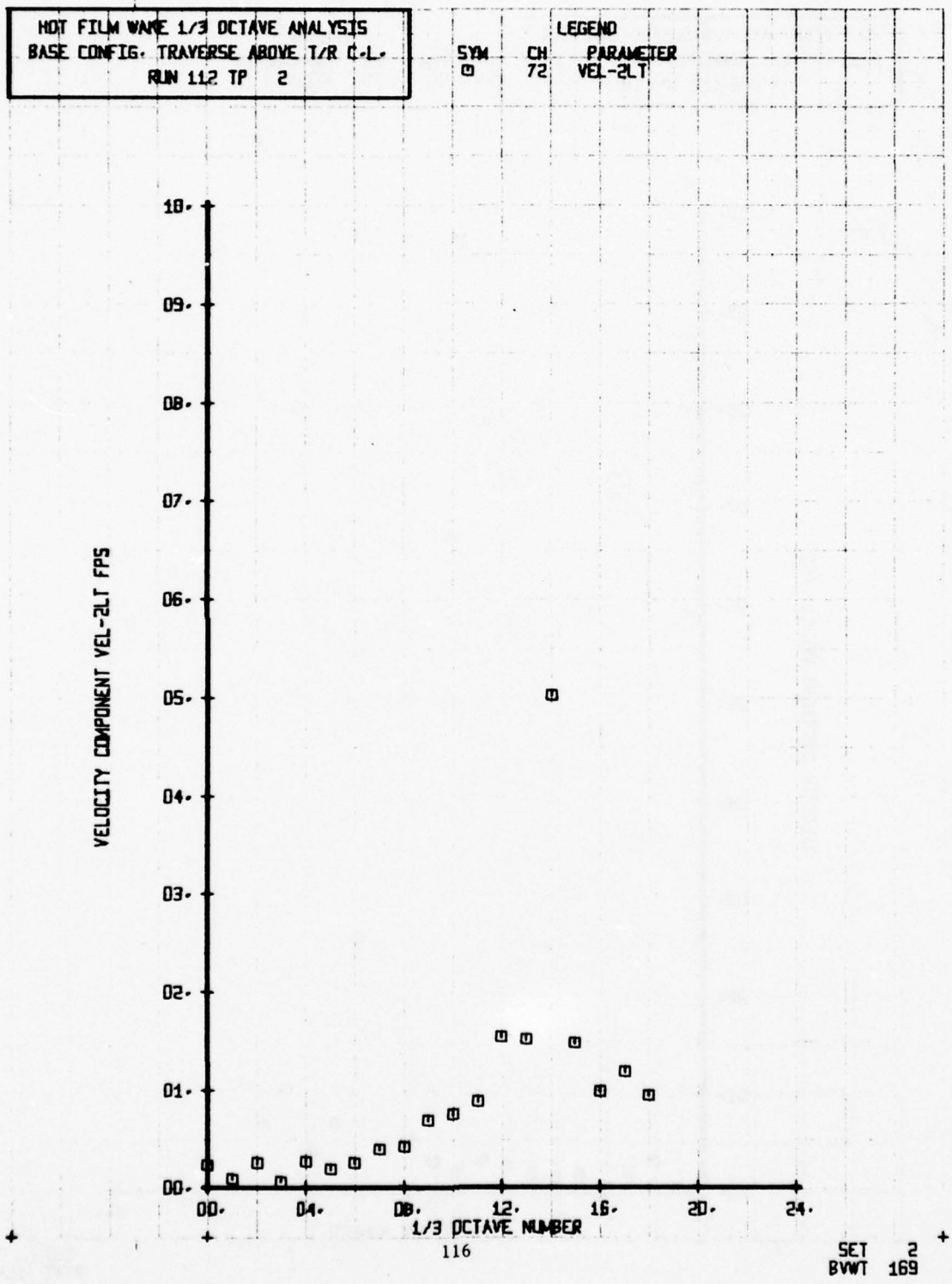
ET 2
WT 169

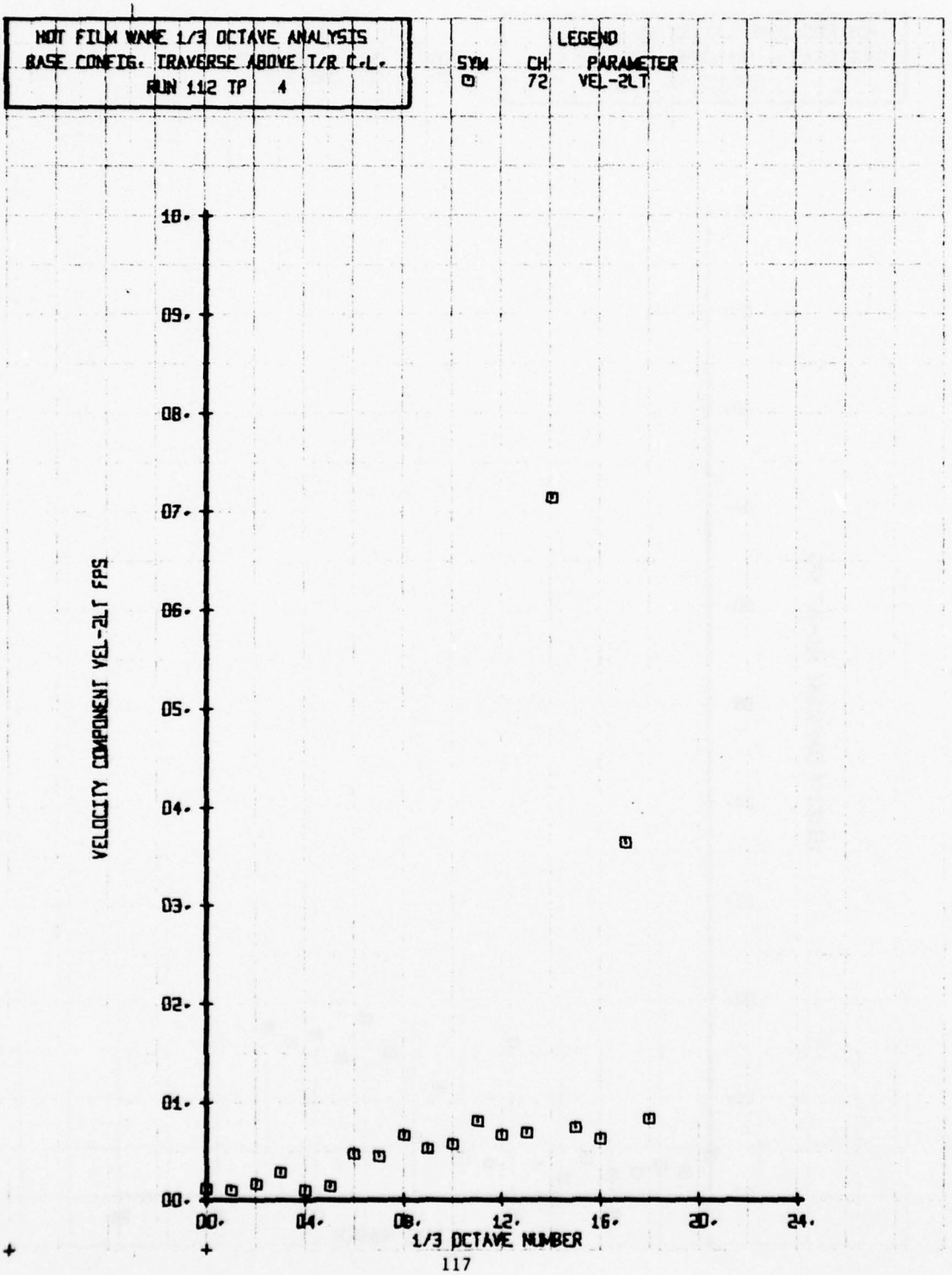

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 6
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

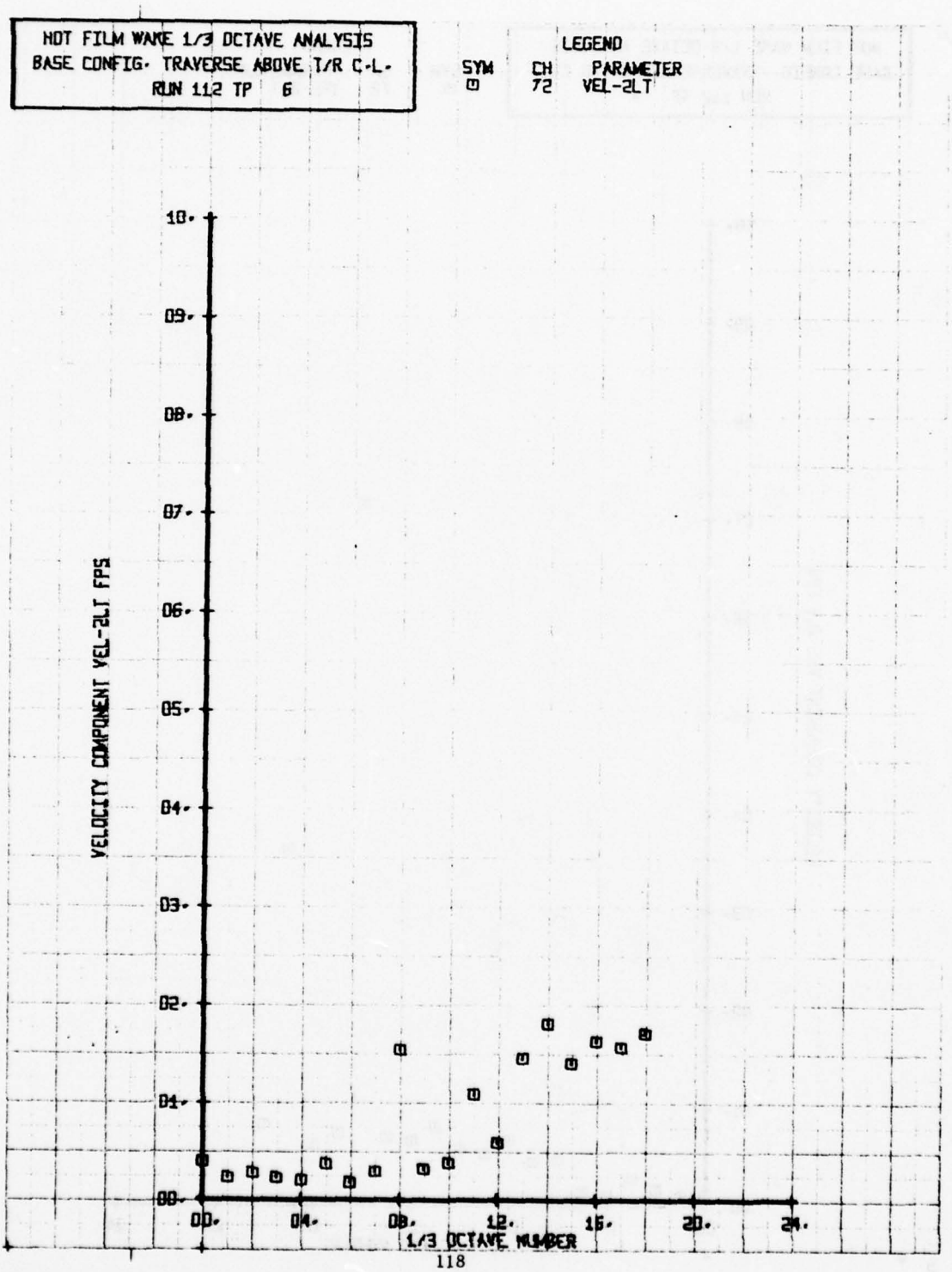

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP B
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

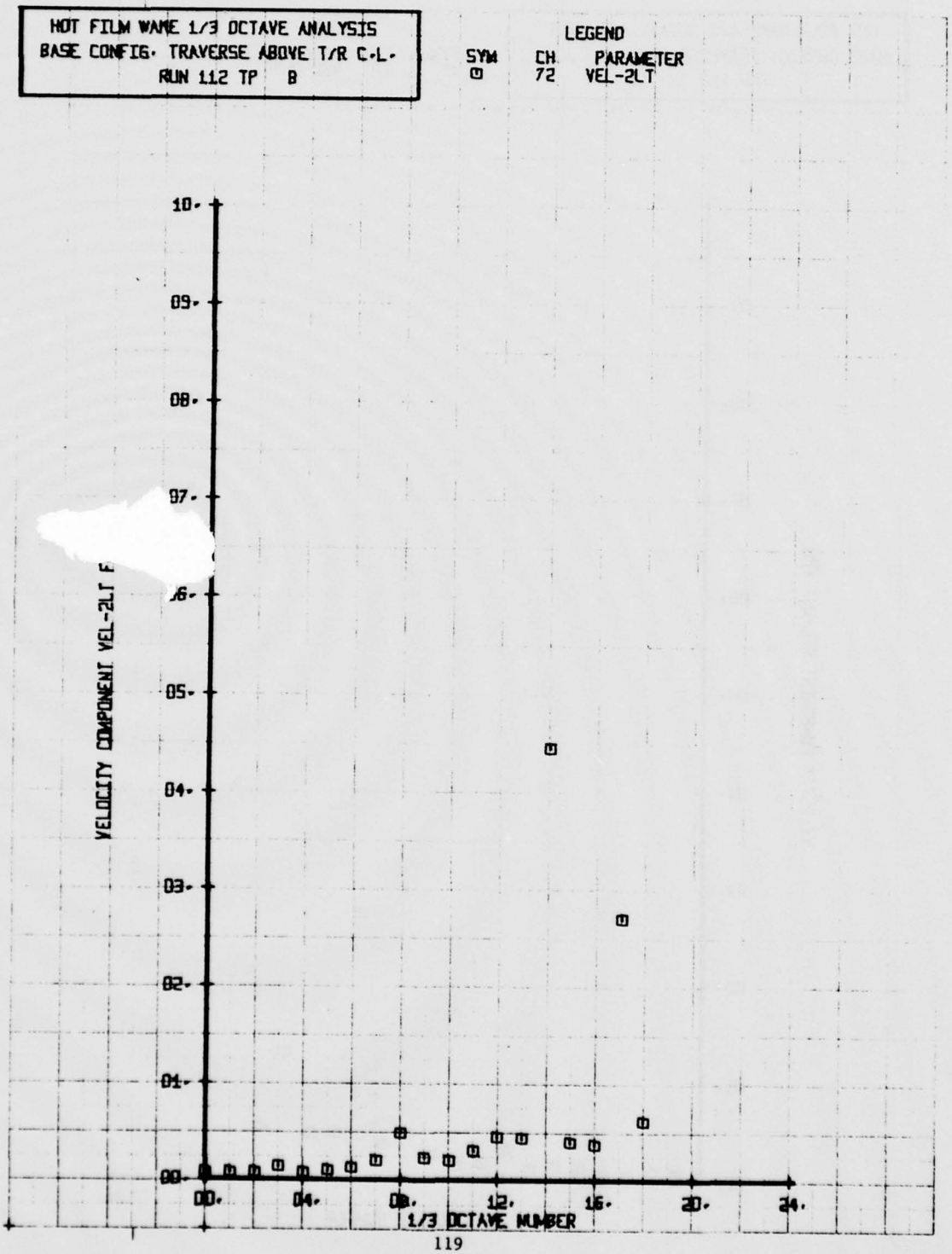

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 10
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

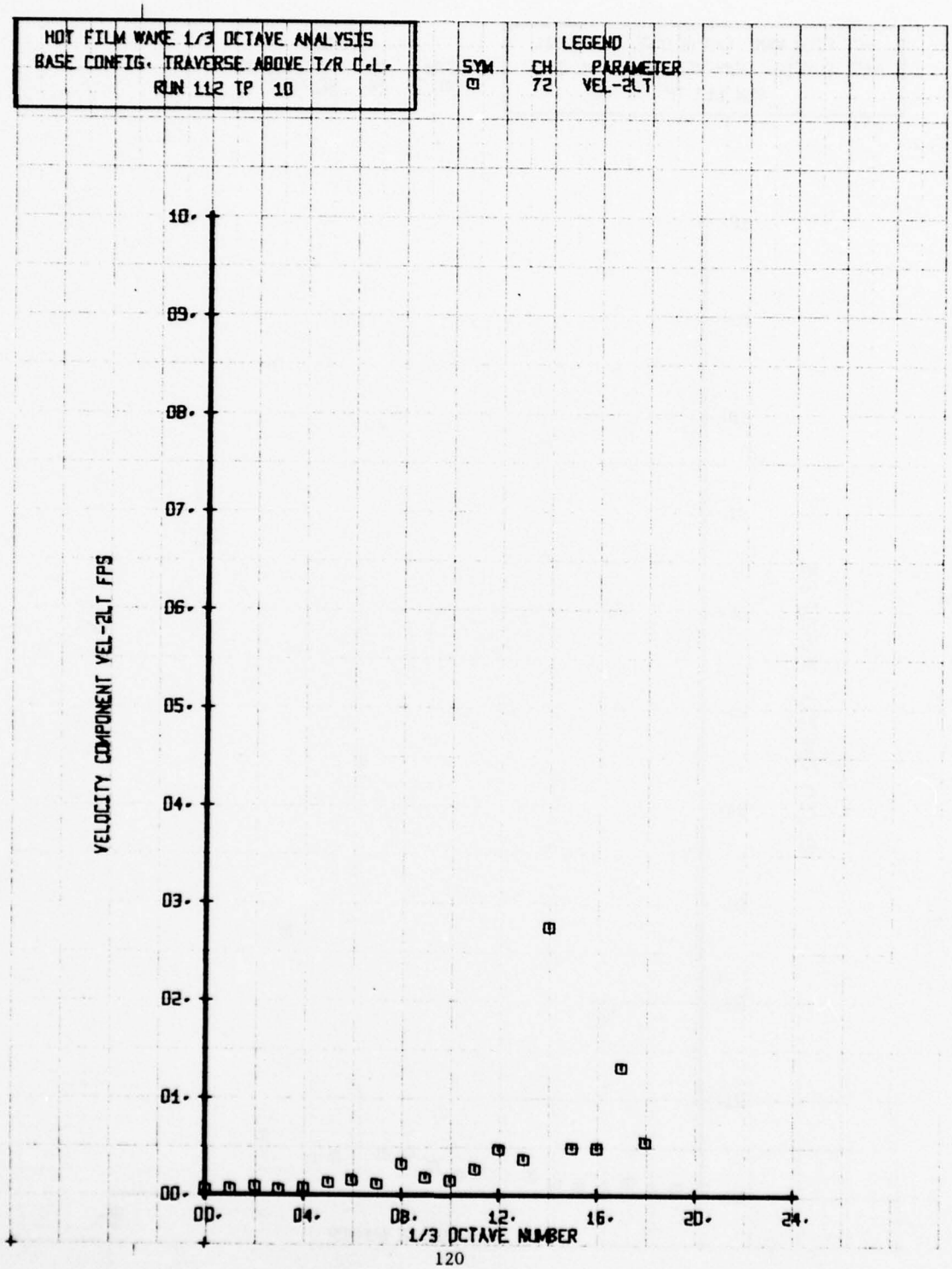

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 12
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER
SET 2
BVWT 169

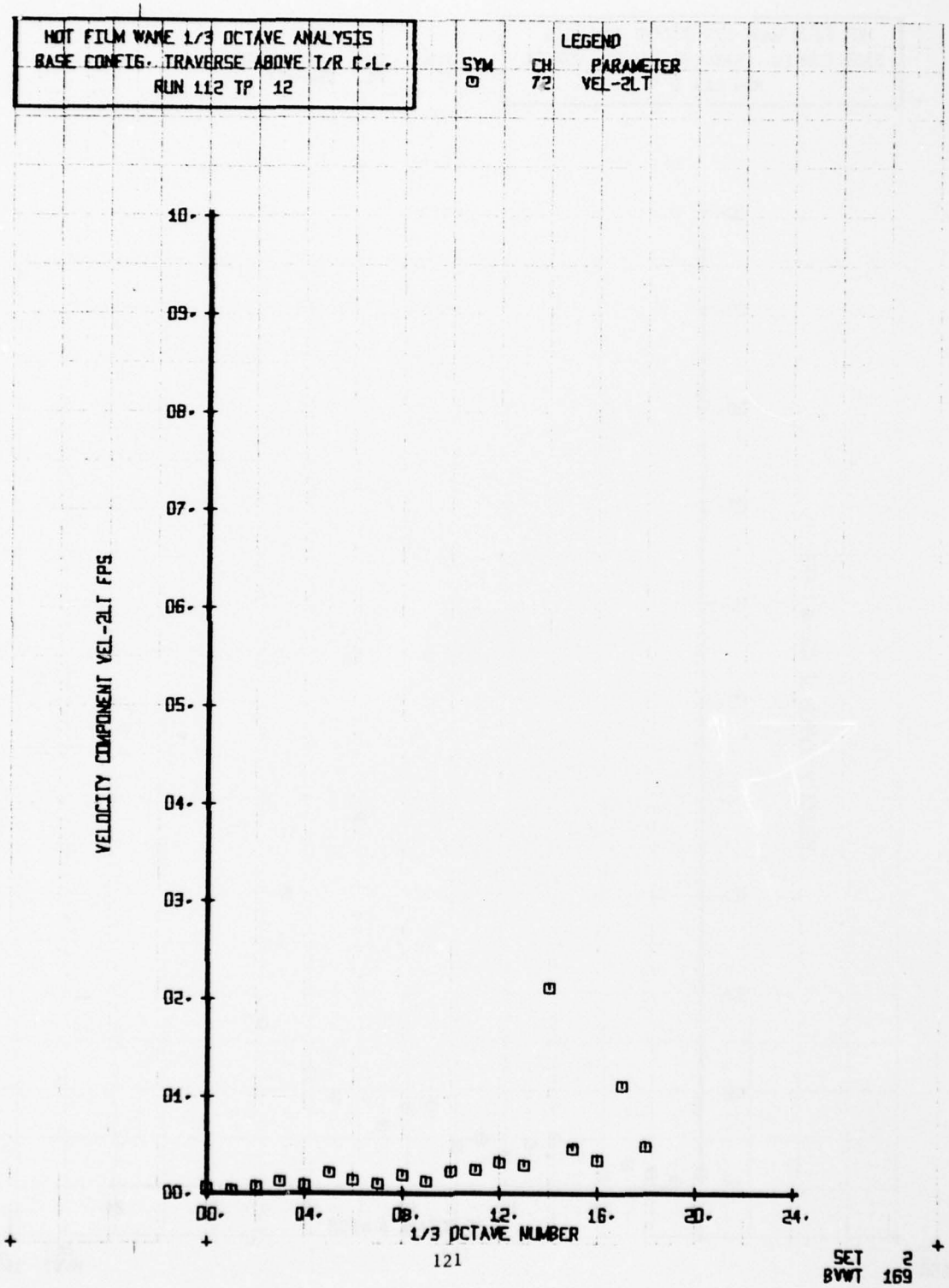

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 2
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
1/3 OCTAVE NUMBER
10.
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ET 2
WT 169
SET 2
BVWT 169

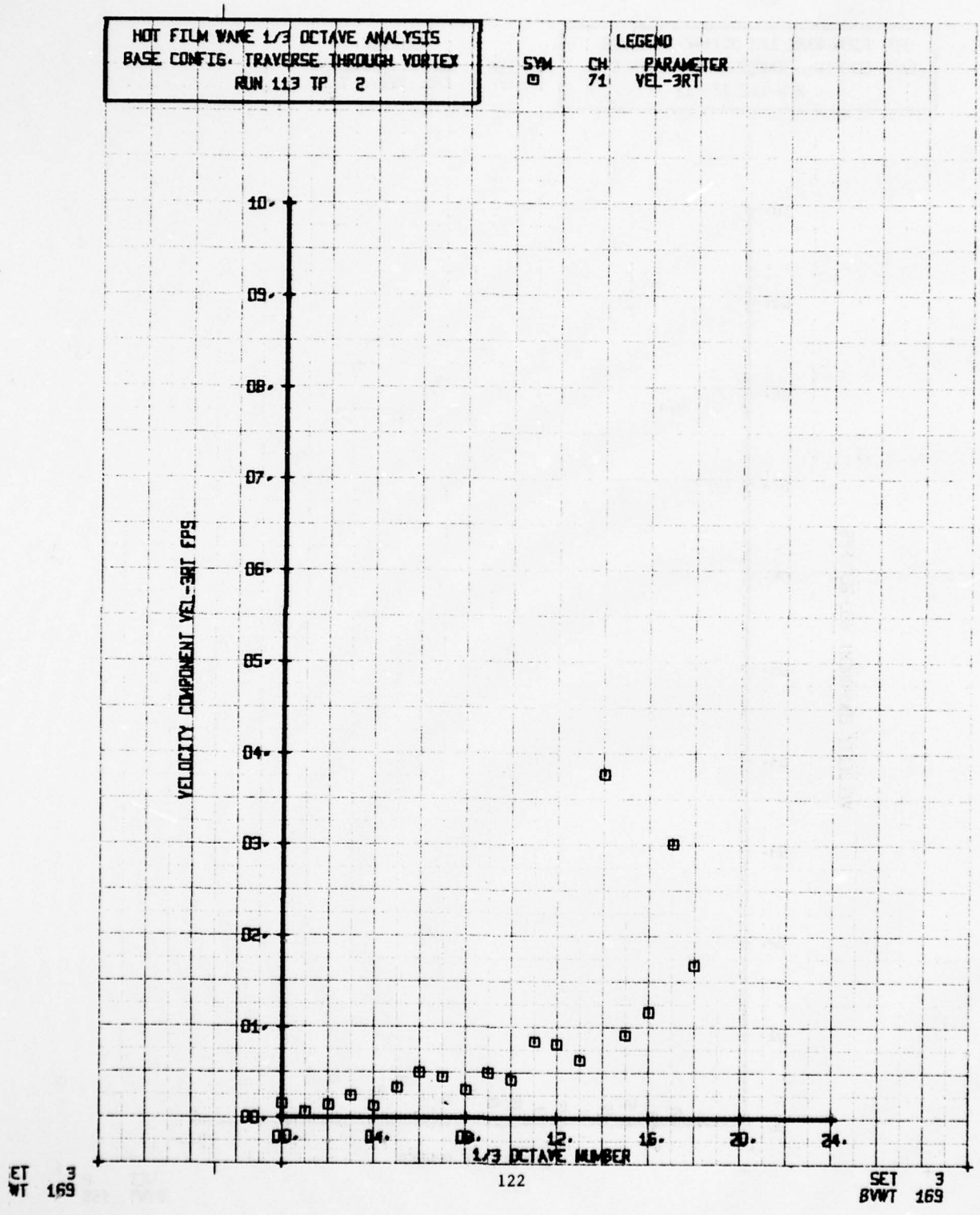

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 4
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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24.
1/3 OCTAVE NUMBER
ET 2
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 6
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP B
LEGEND
SYM CH PARAMETER
72 VEL-2LT
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 10
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

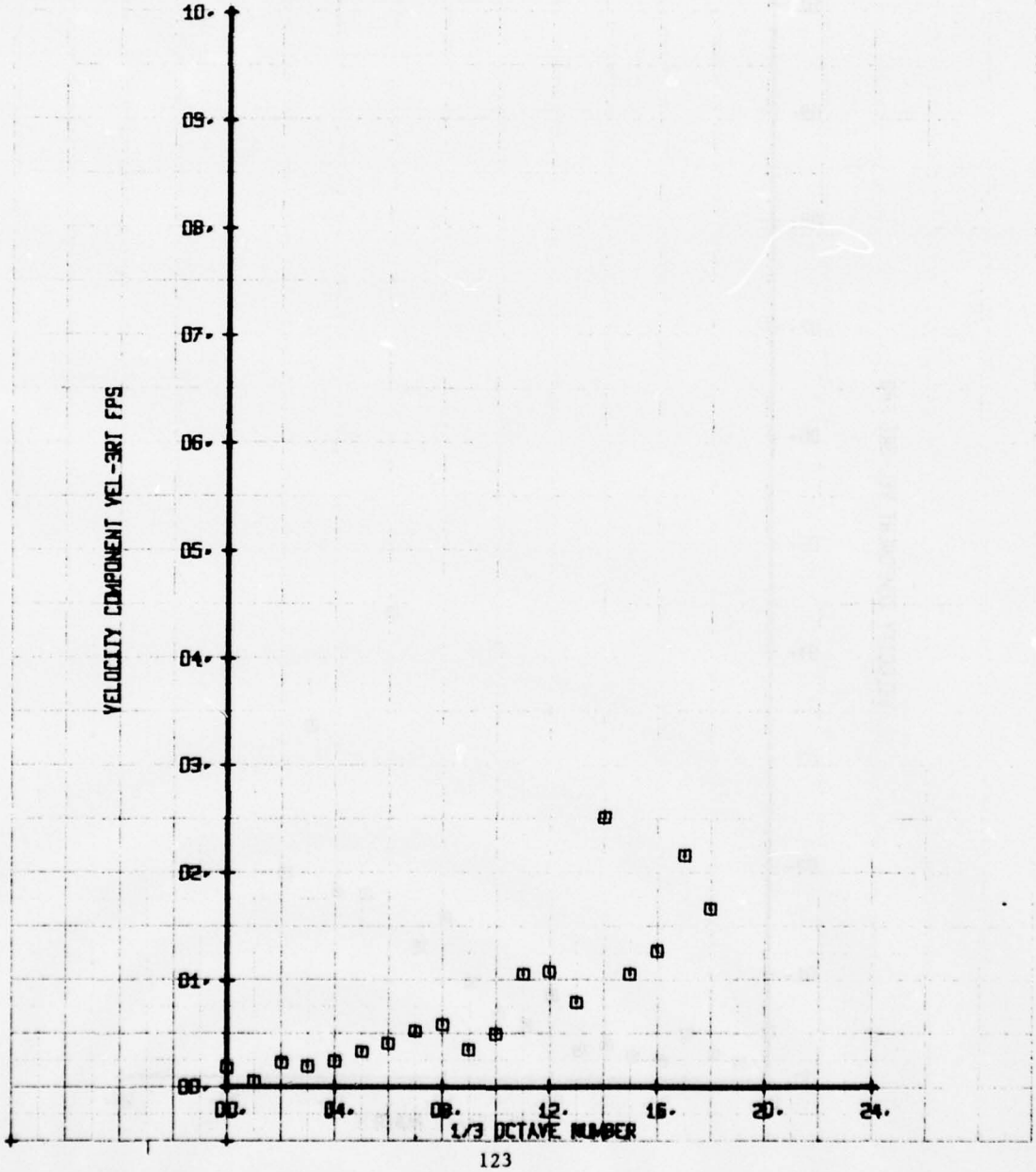

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 112 TP 12
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
09.
08.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 2
BWWT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 2
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
ET 3
WT 169
SET 3
BWT 169

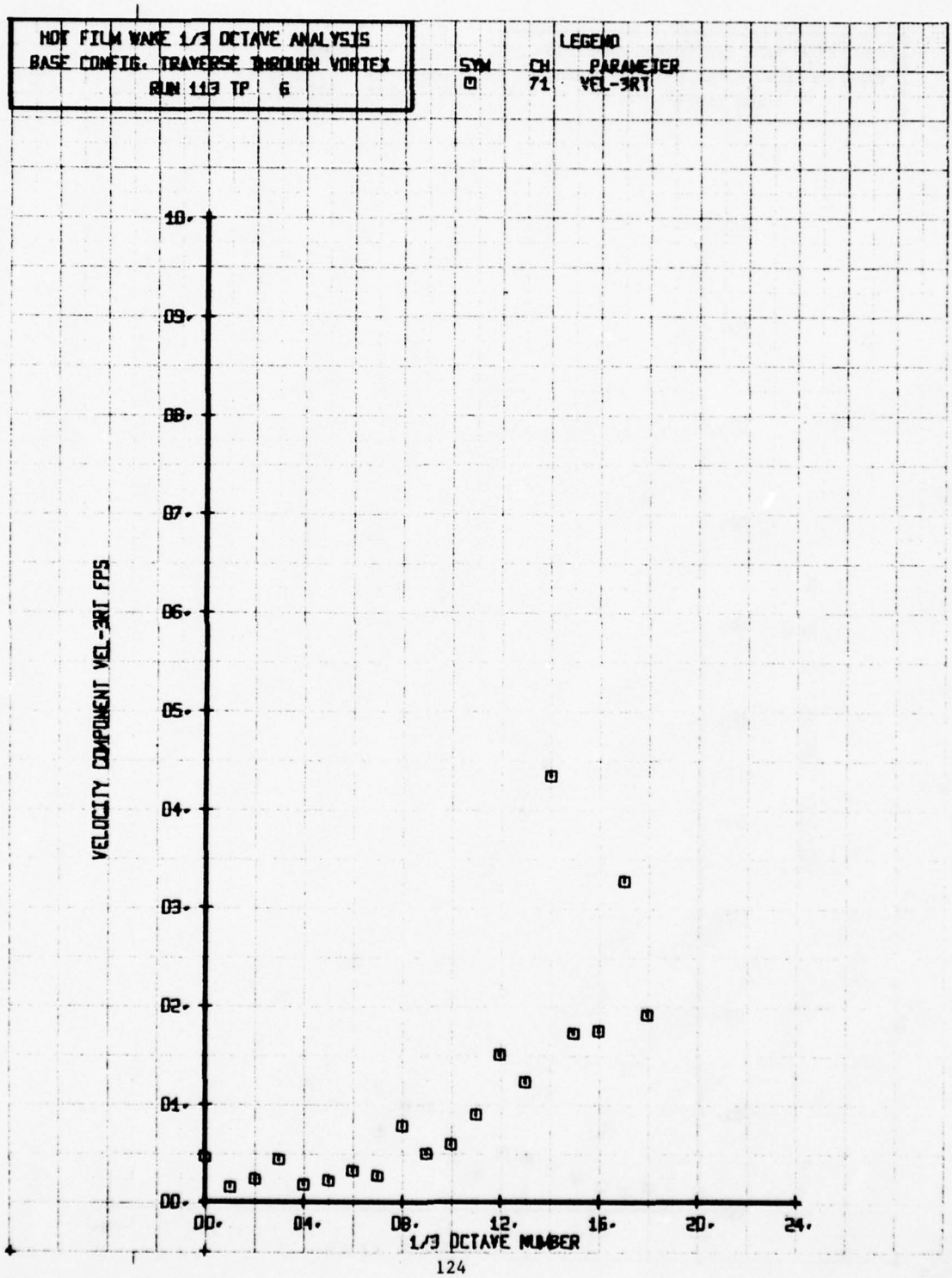
HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 4

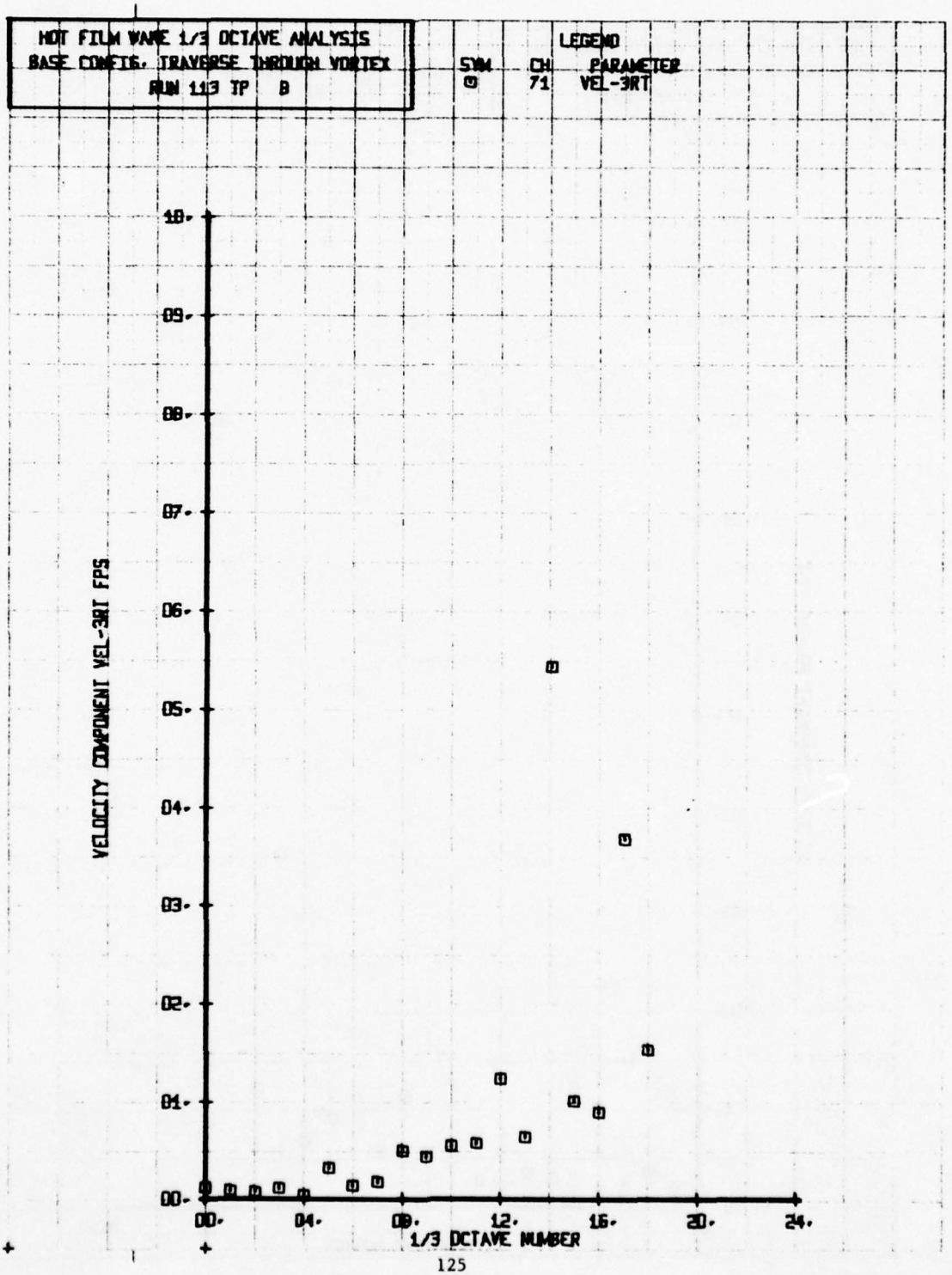
LEGEND

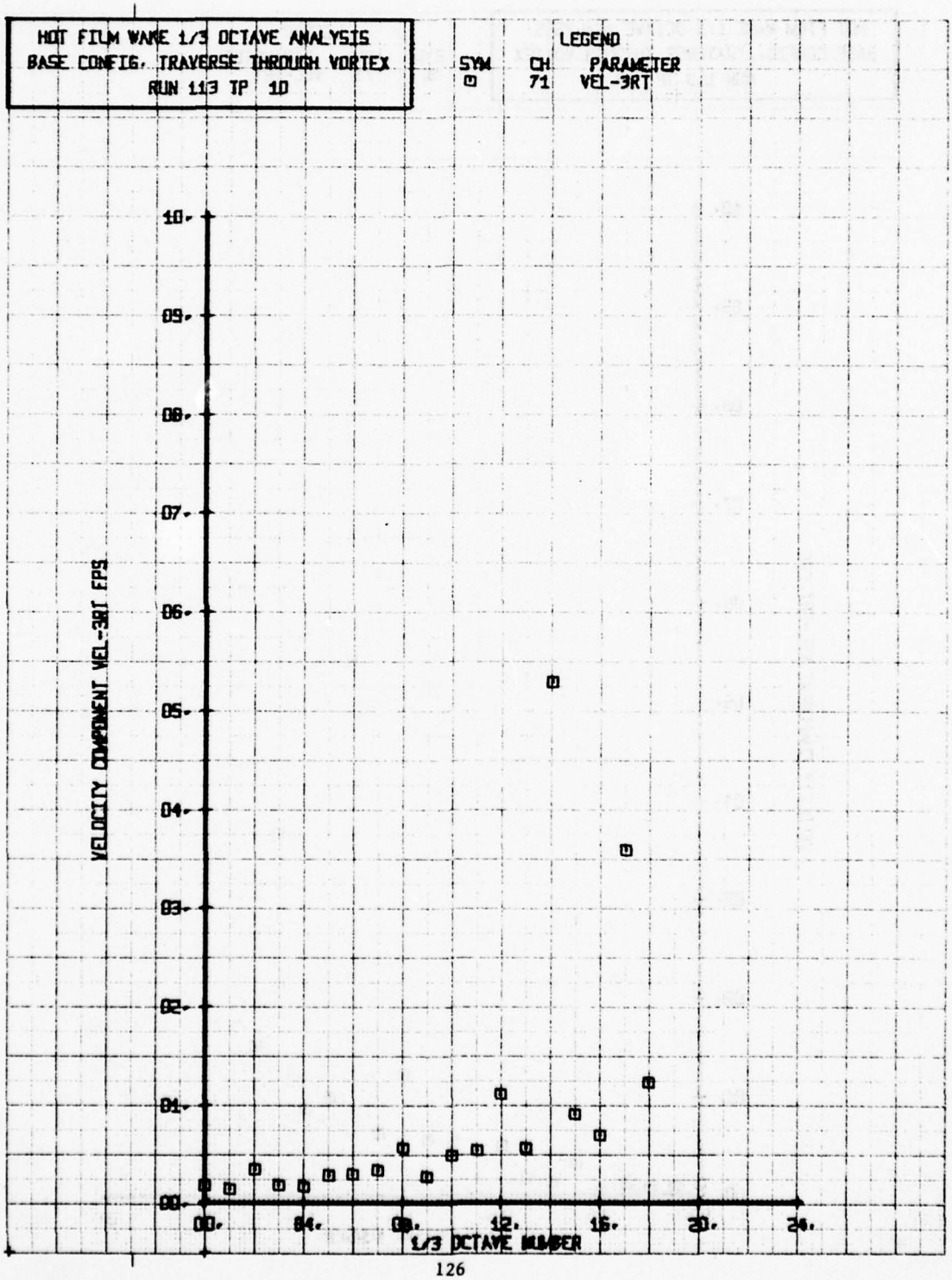
SYM	CH	PARAMETER
□	71	VEL-3RT

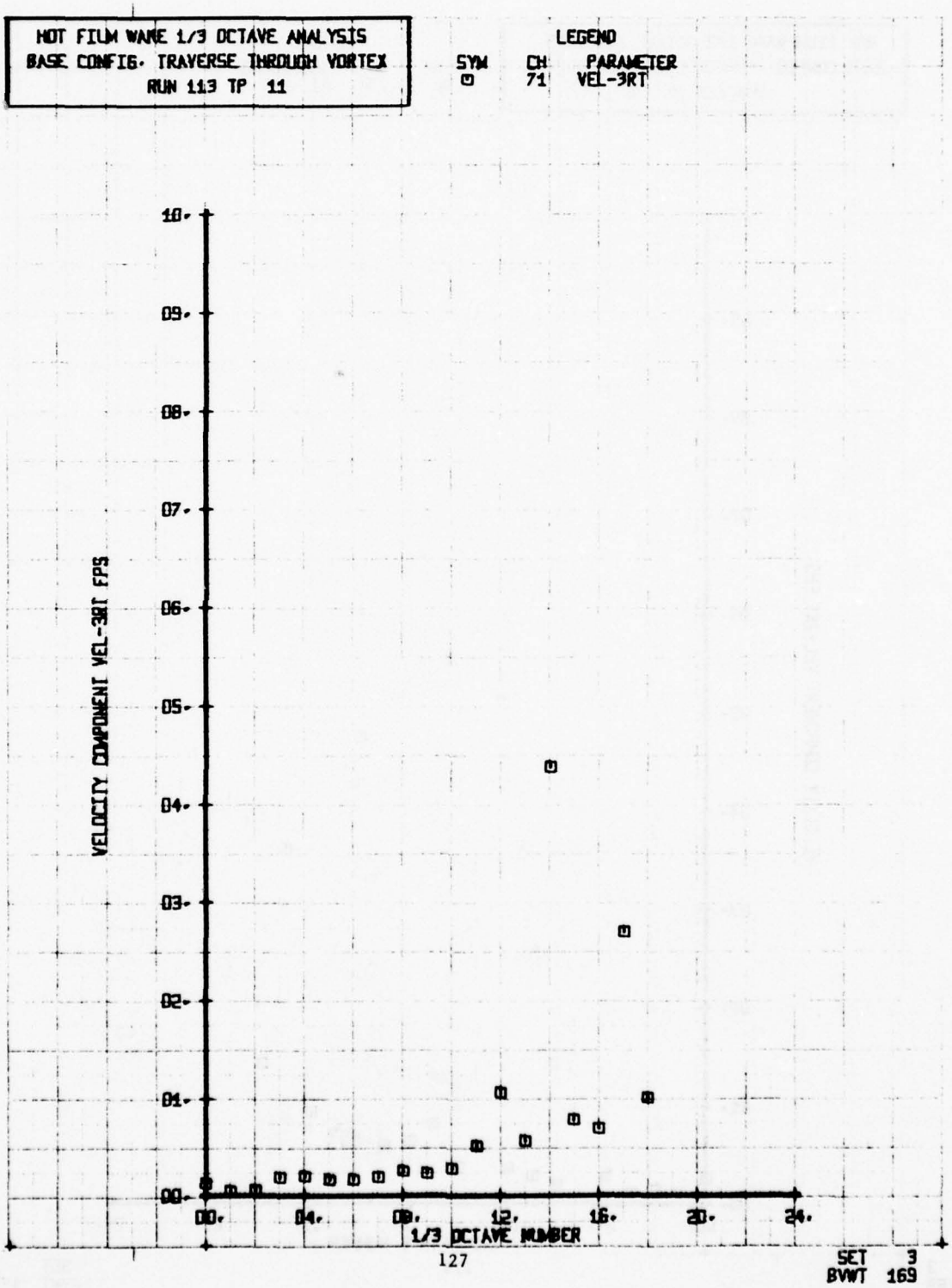


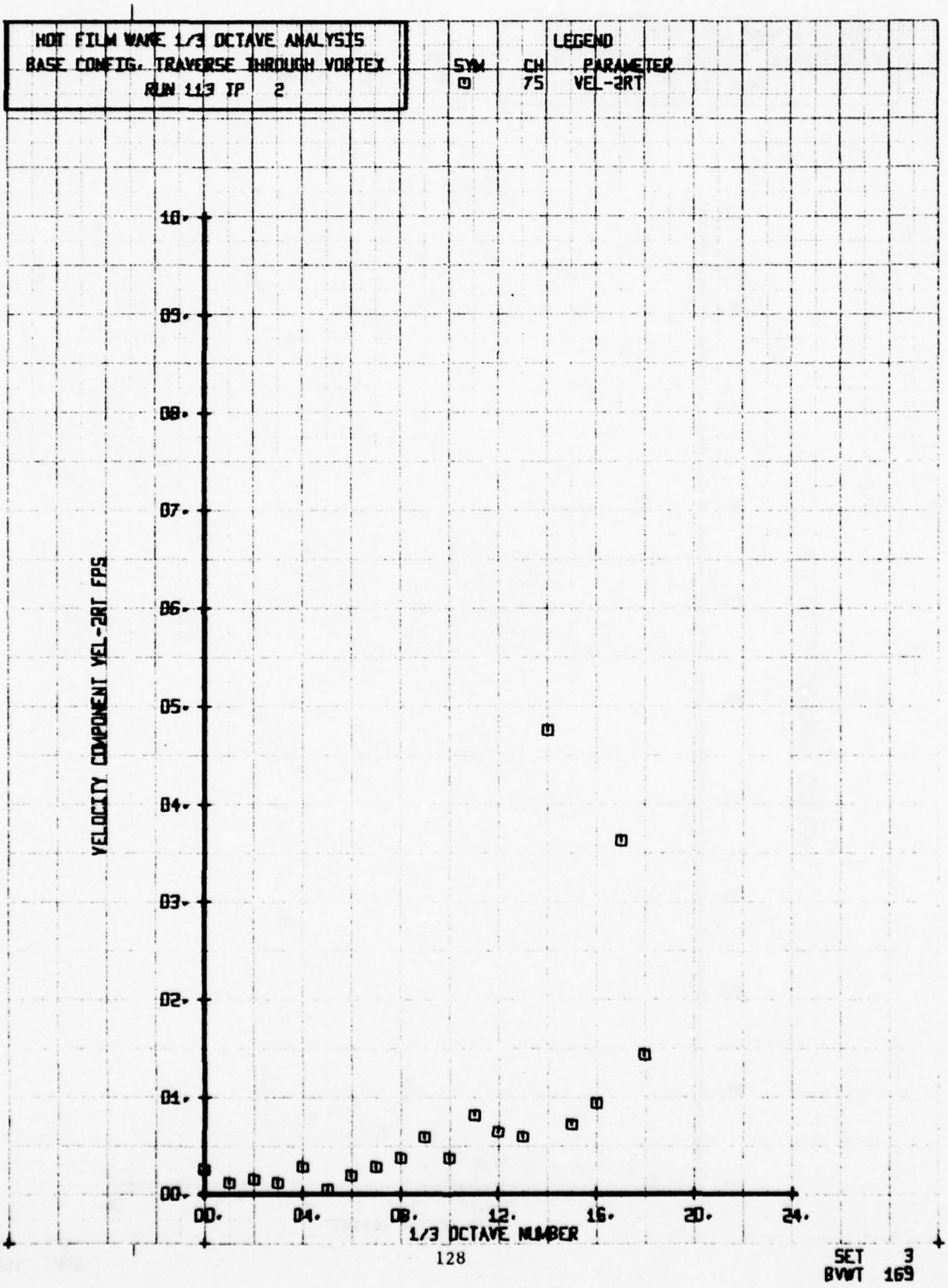
ET 3
WT 169

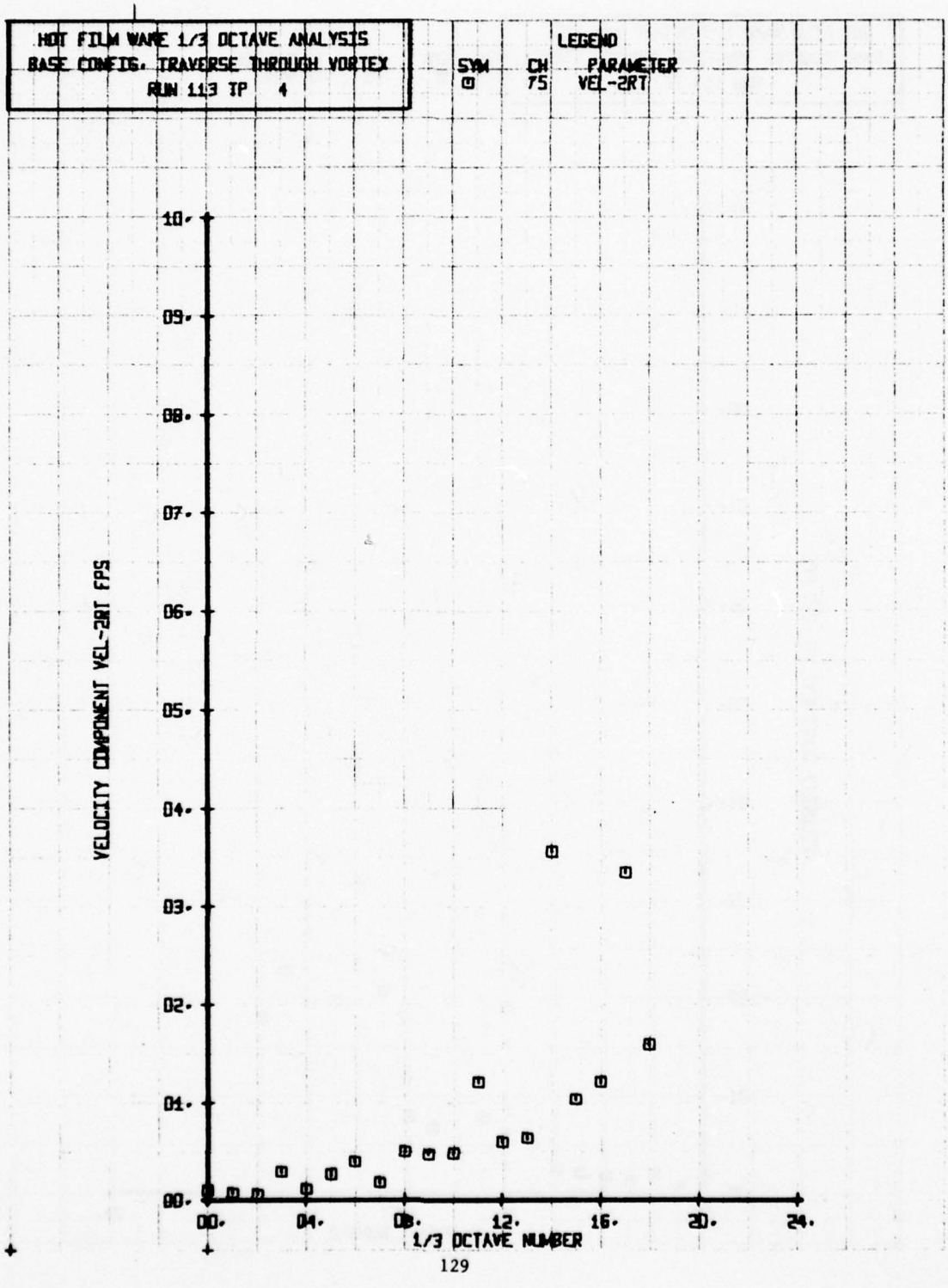

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 6
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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03.
02.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

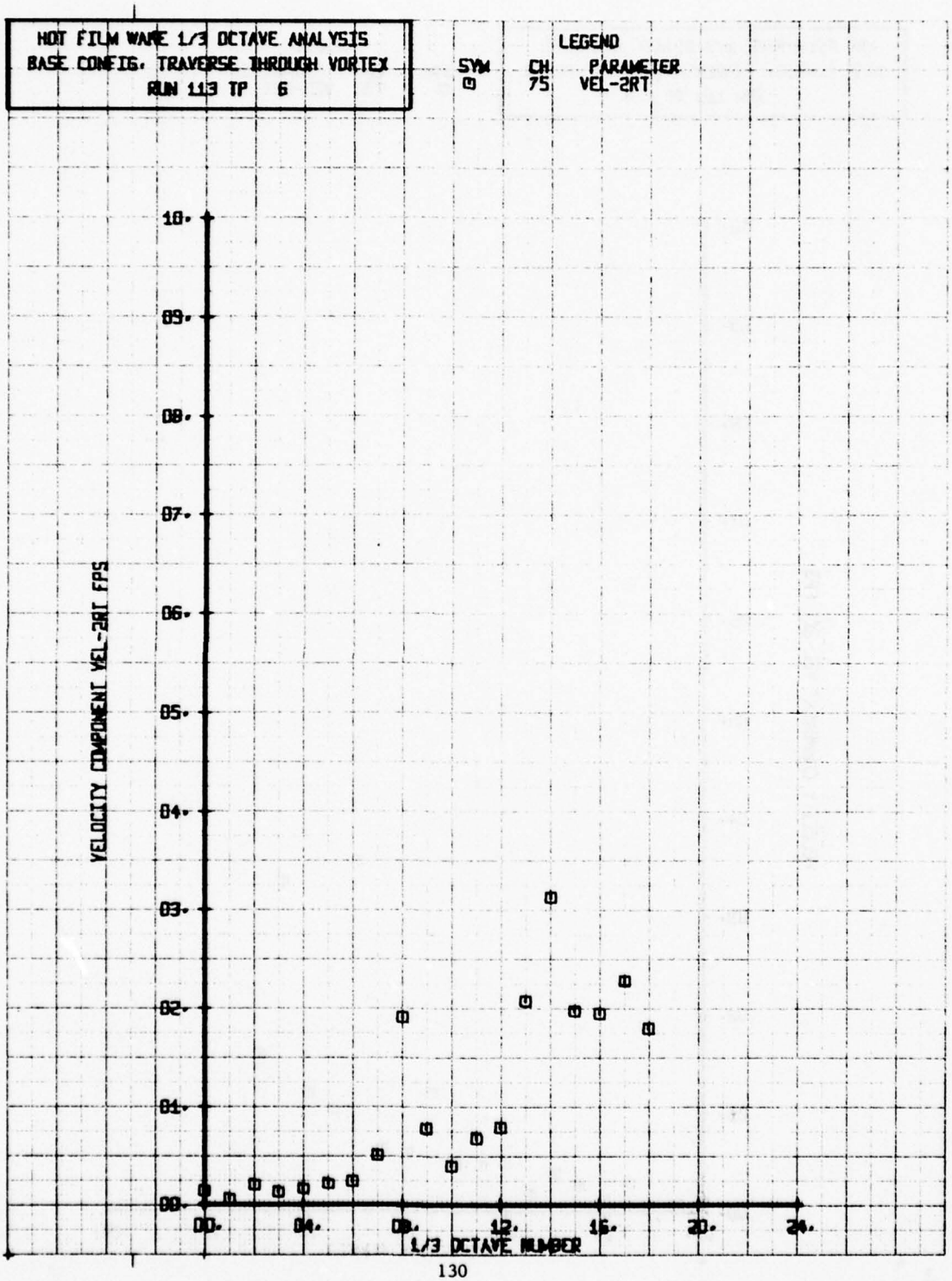

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 8
LEGEND
SYM CH PARAMETER
0 71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
1/3 OCTAVE NUMBER
10.
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08.
12.
16.
20.
24.

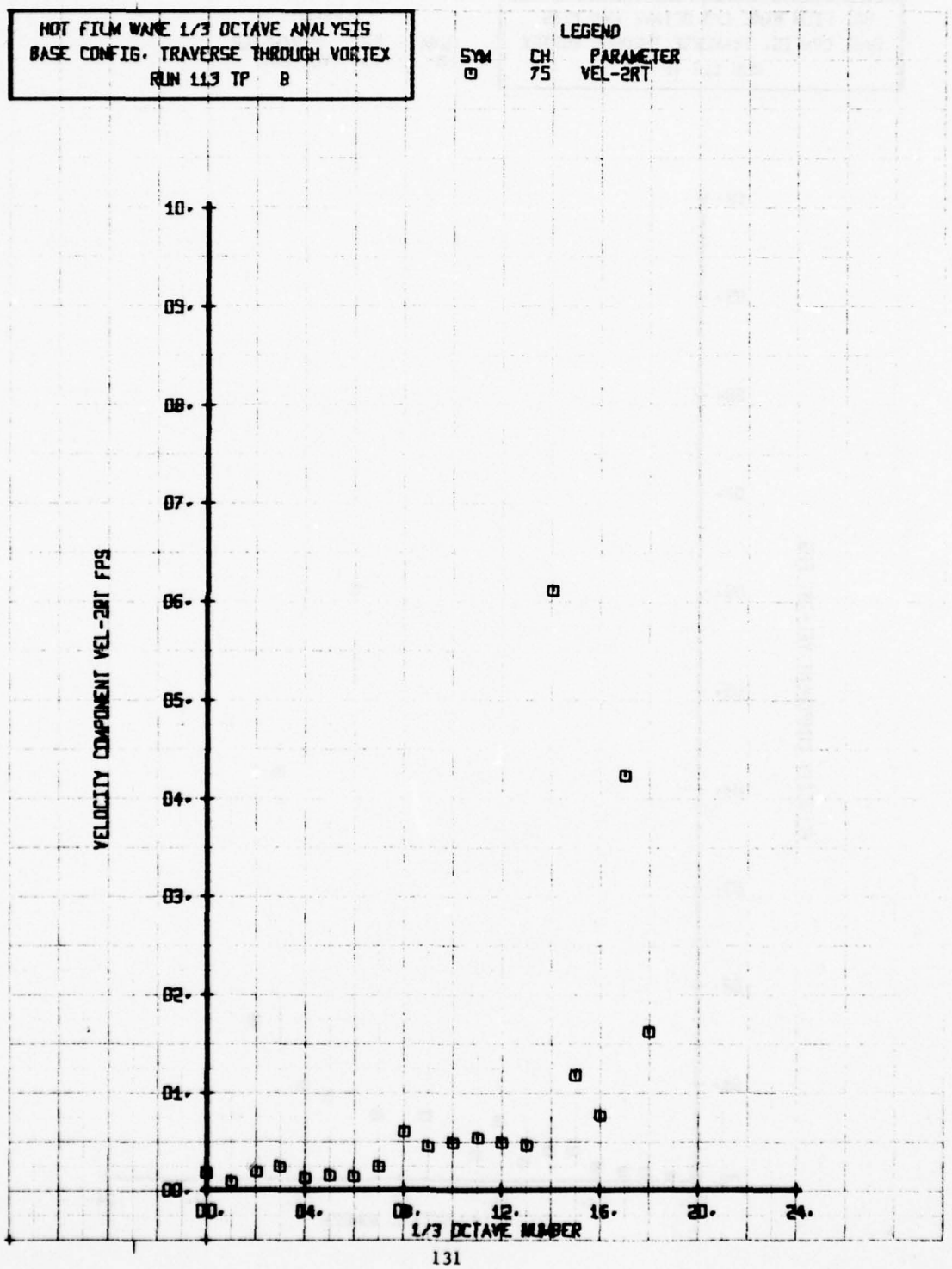

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 10
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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04.
03.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

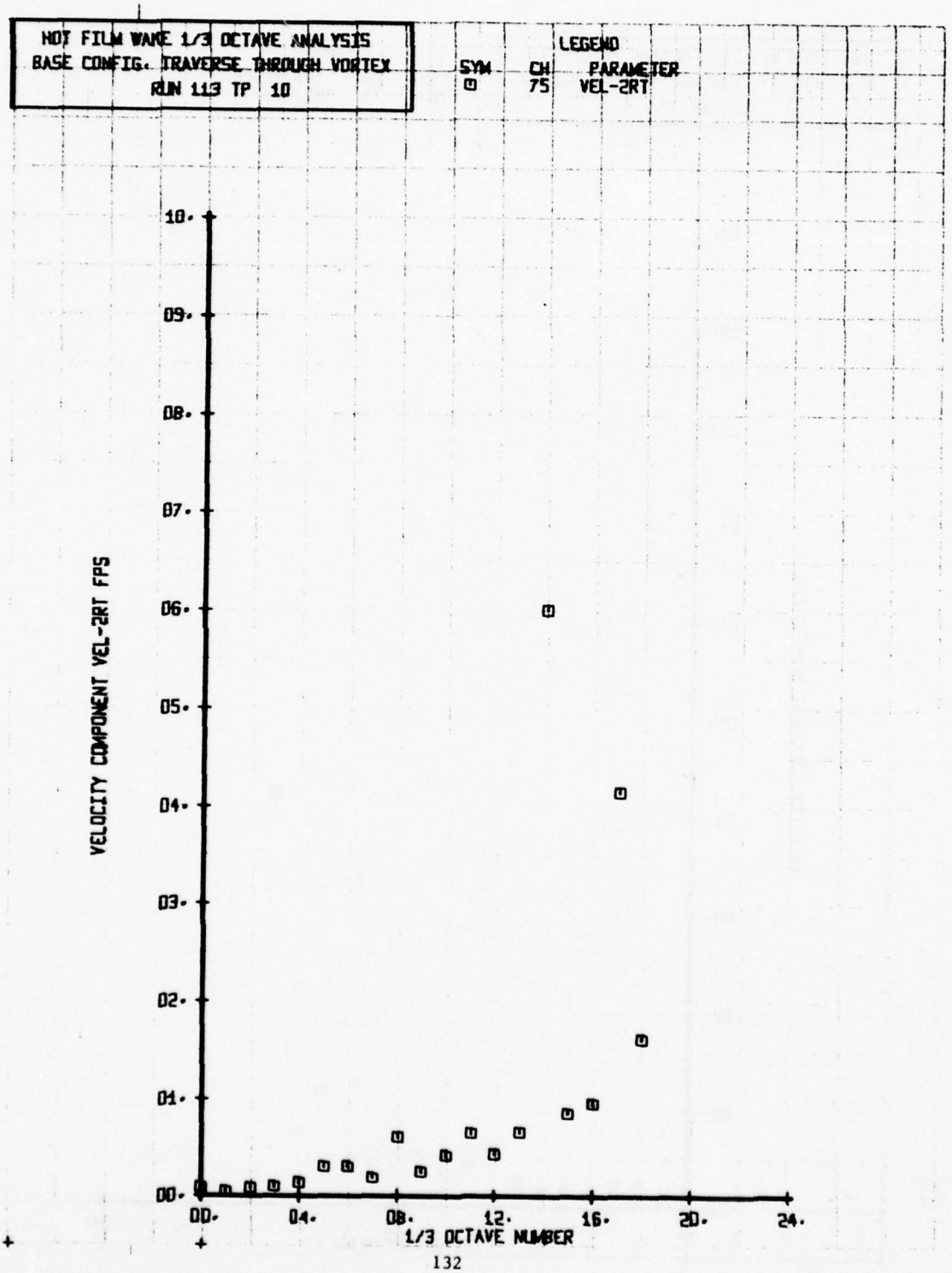

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 11
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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16.
20.
24.
1/3 OCTAVE NUMBER
SET 3
BVWT 169

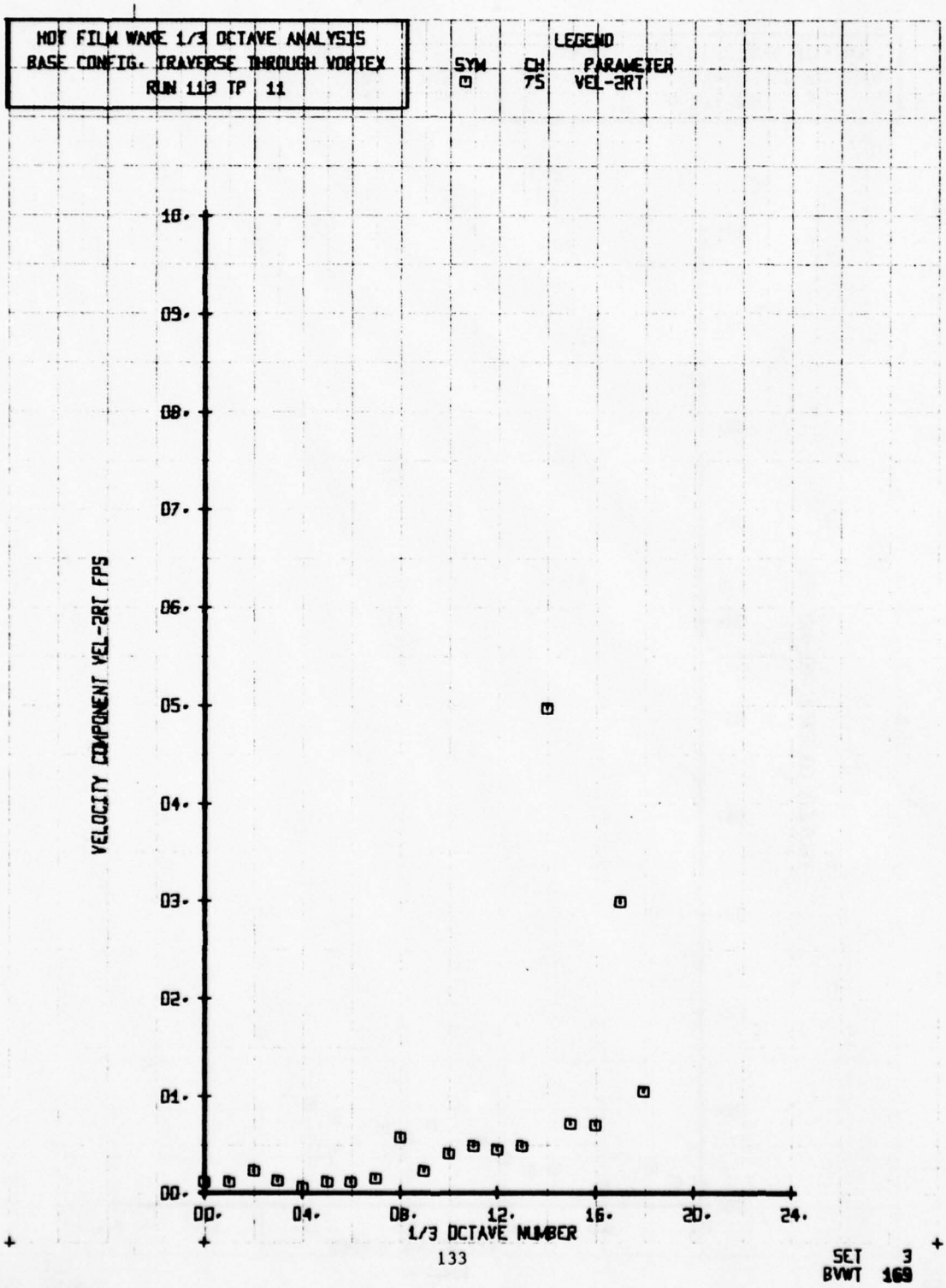

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 2
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
ET 3
WT 169
SET 3
BVWT 169

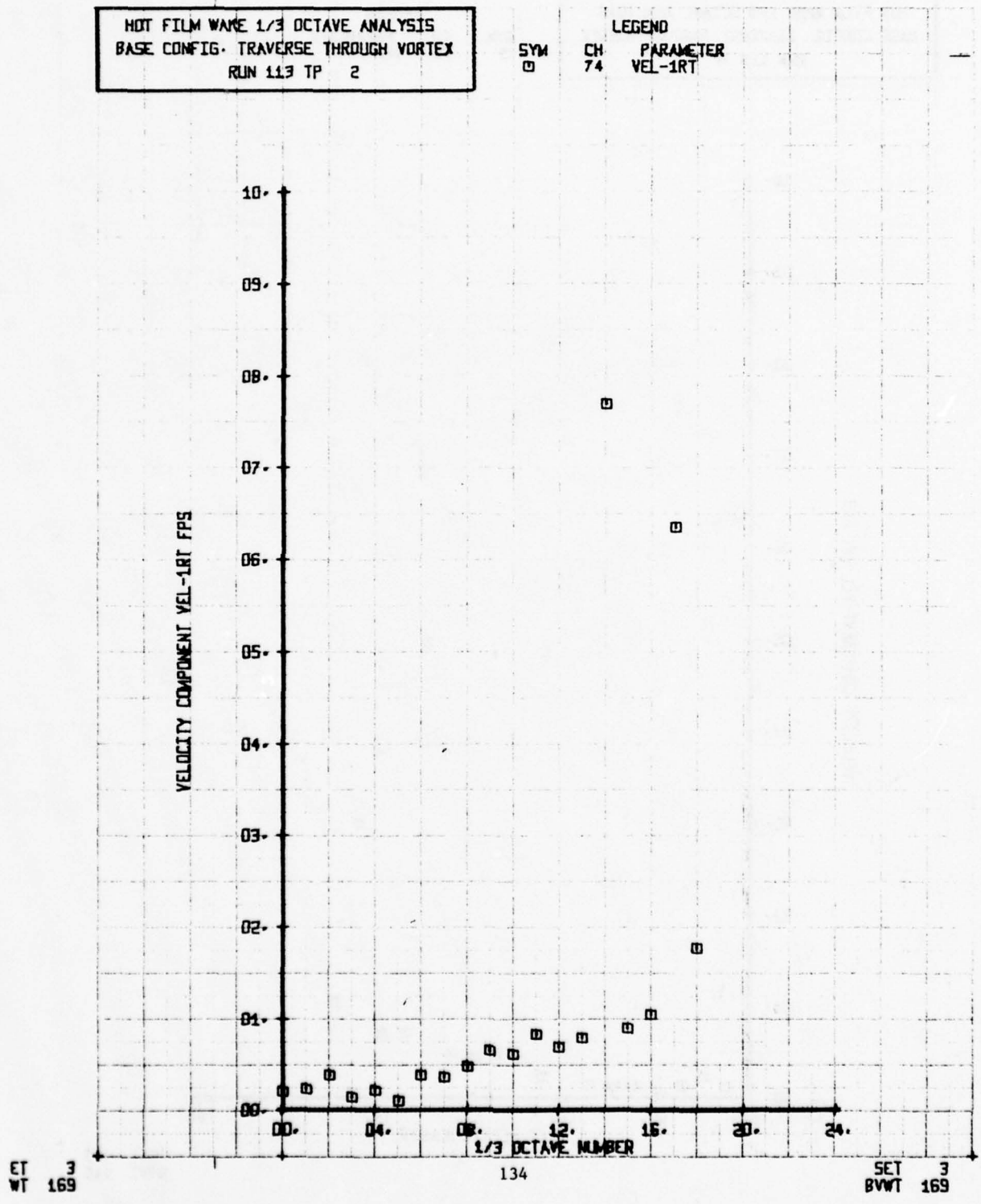

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 4
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
ET 3
WT 169

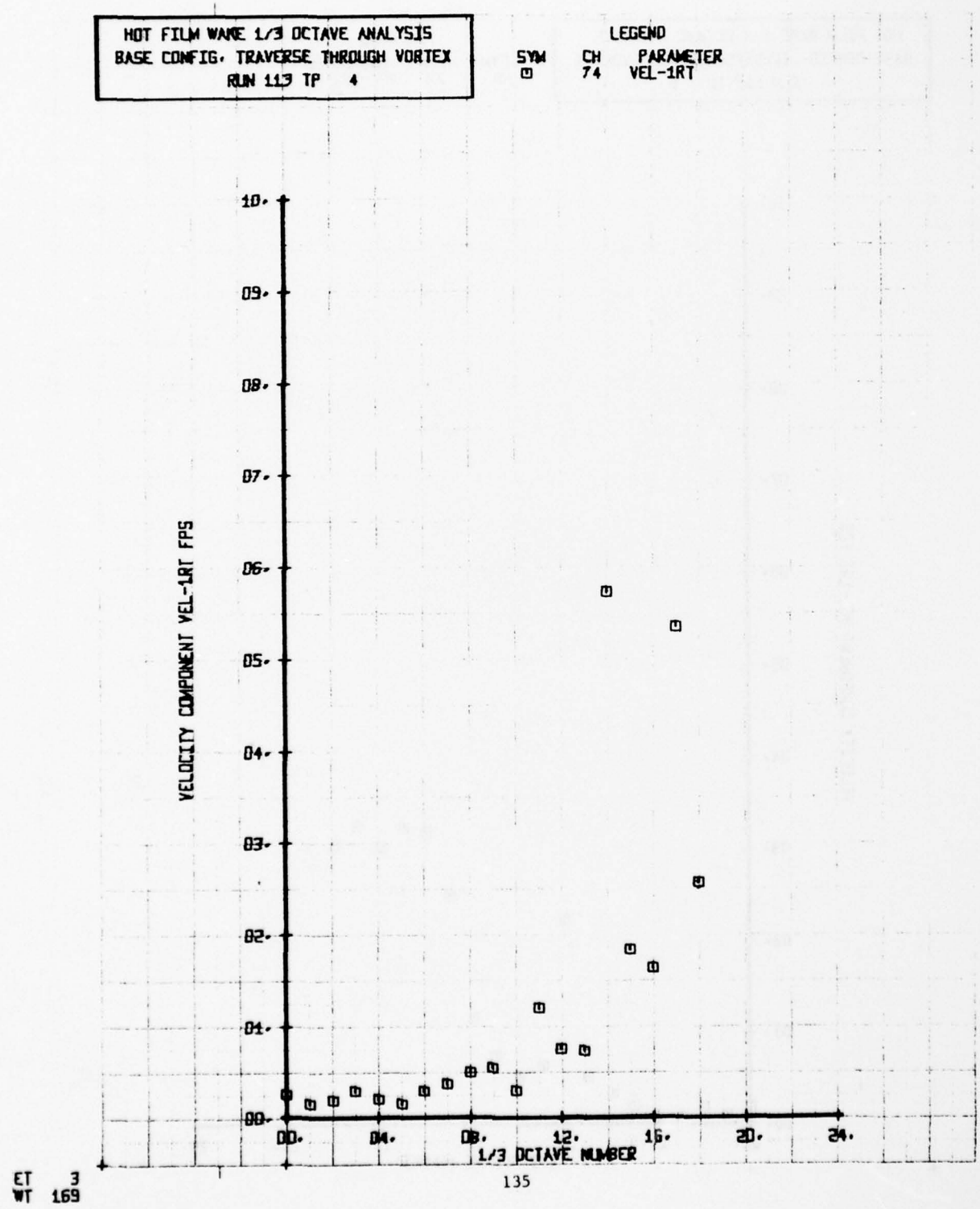

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 6
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
08.
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06.
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00.
VELOCITY COMPONENT VEL-2RT FPS
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12.
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24.
1/3 OCTAVE NUMBER

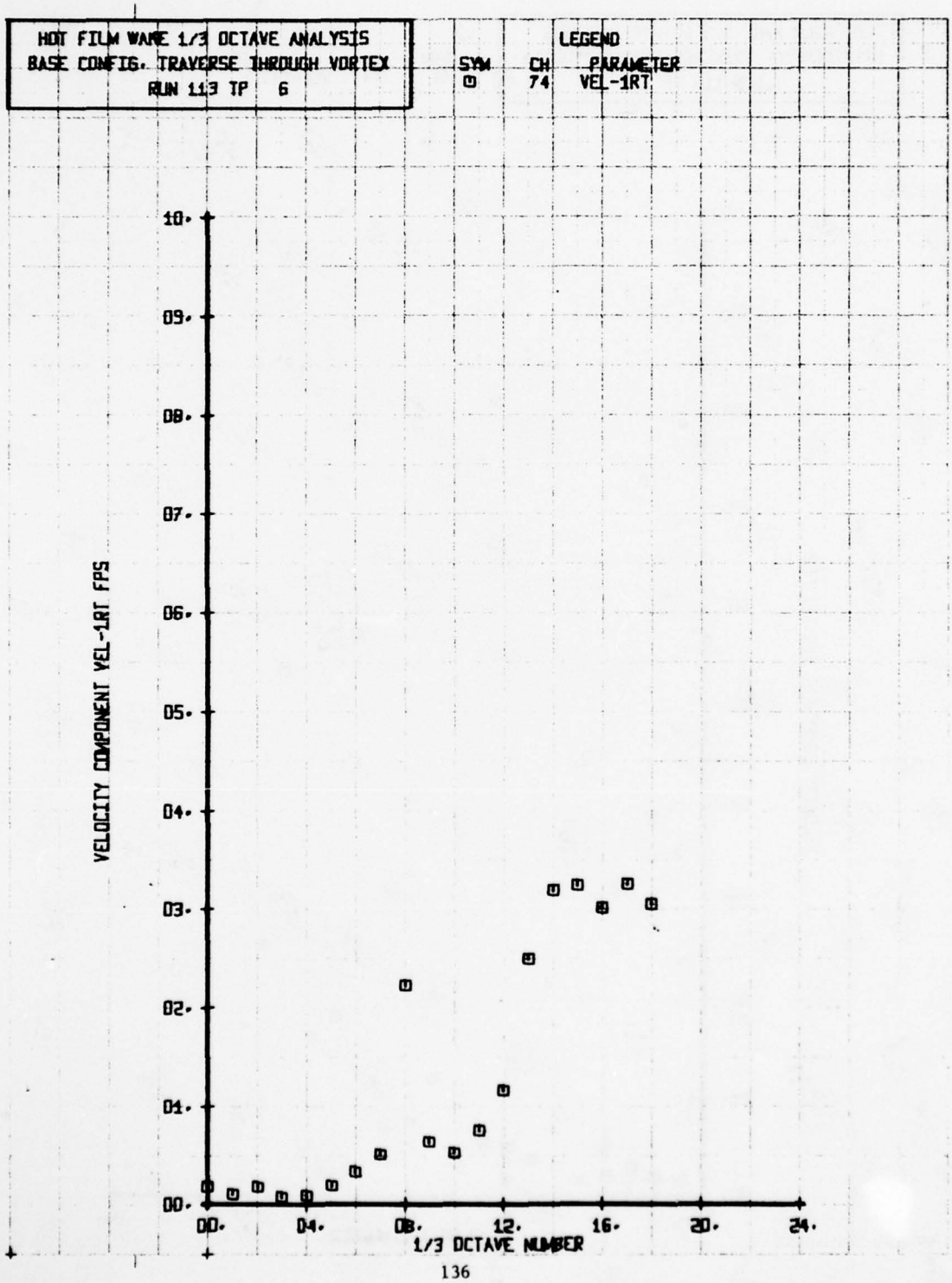

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 8
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
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08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

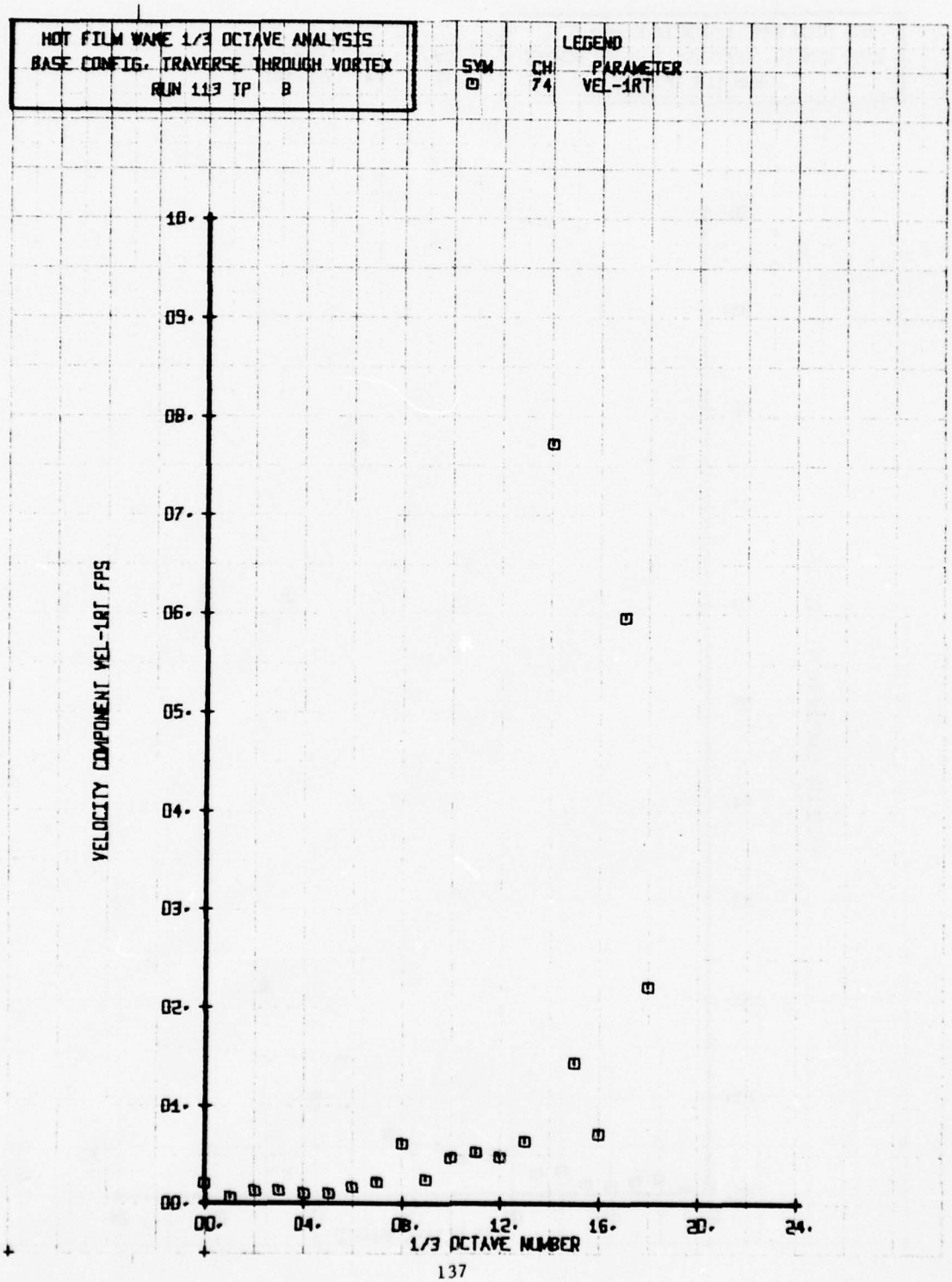

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 10
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
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03.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

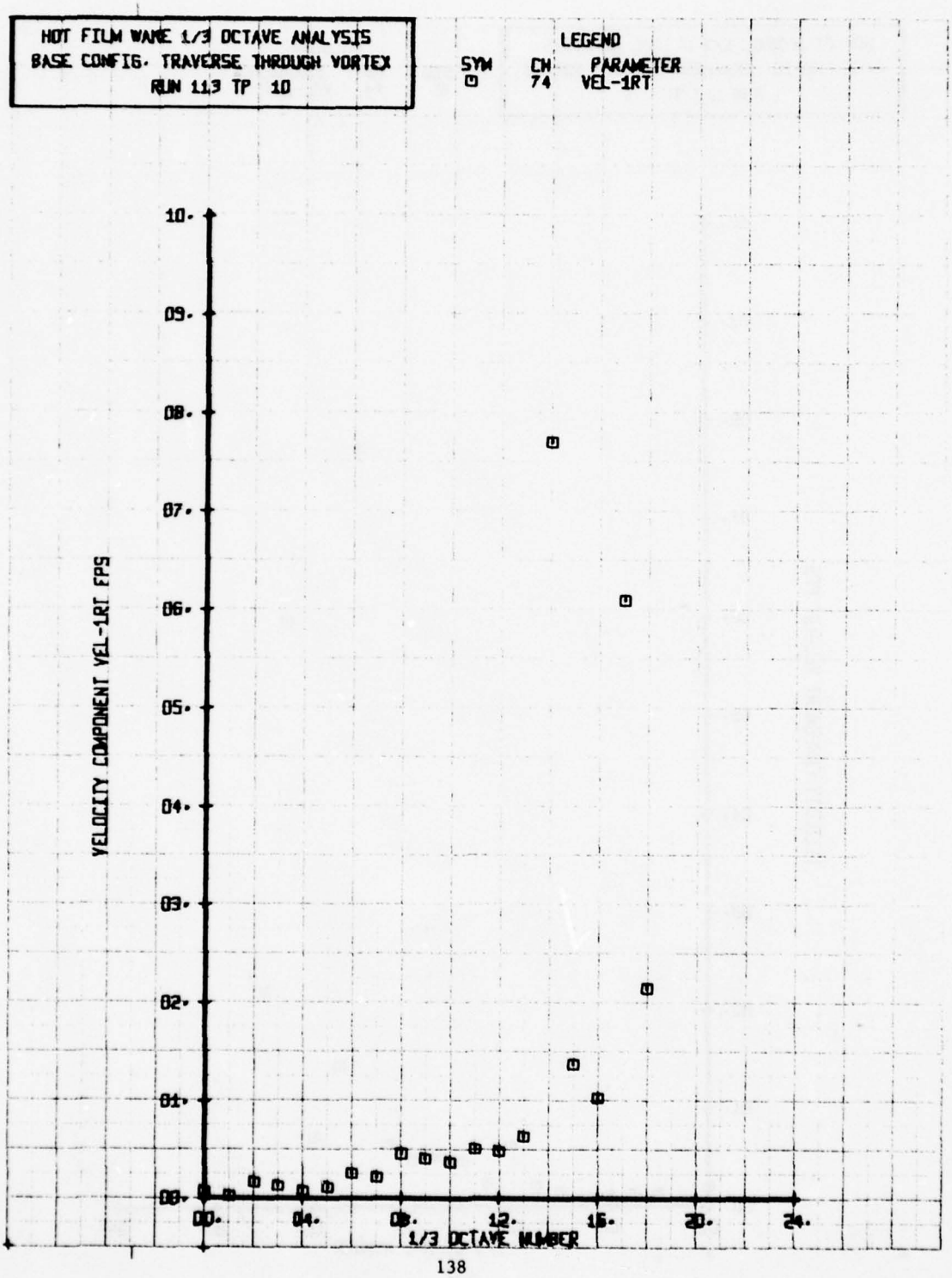

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 11
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 3
BWT 169

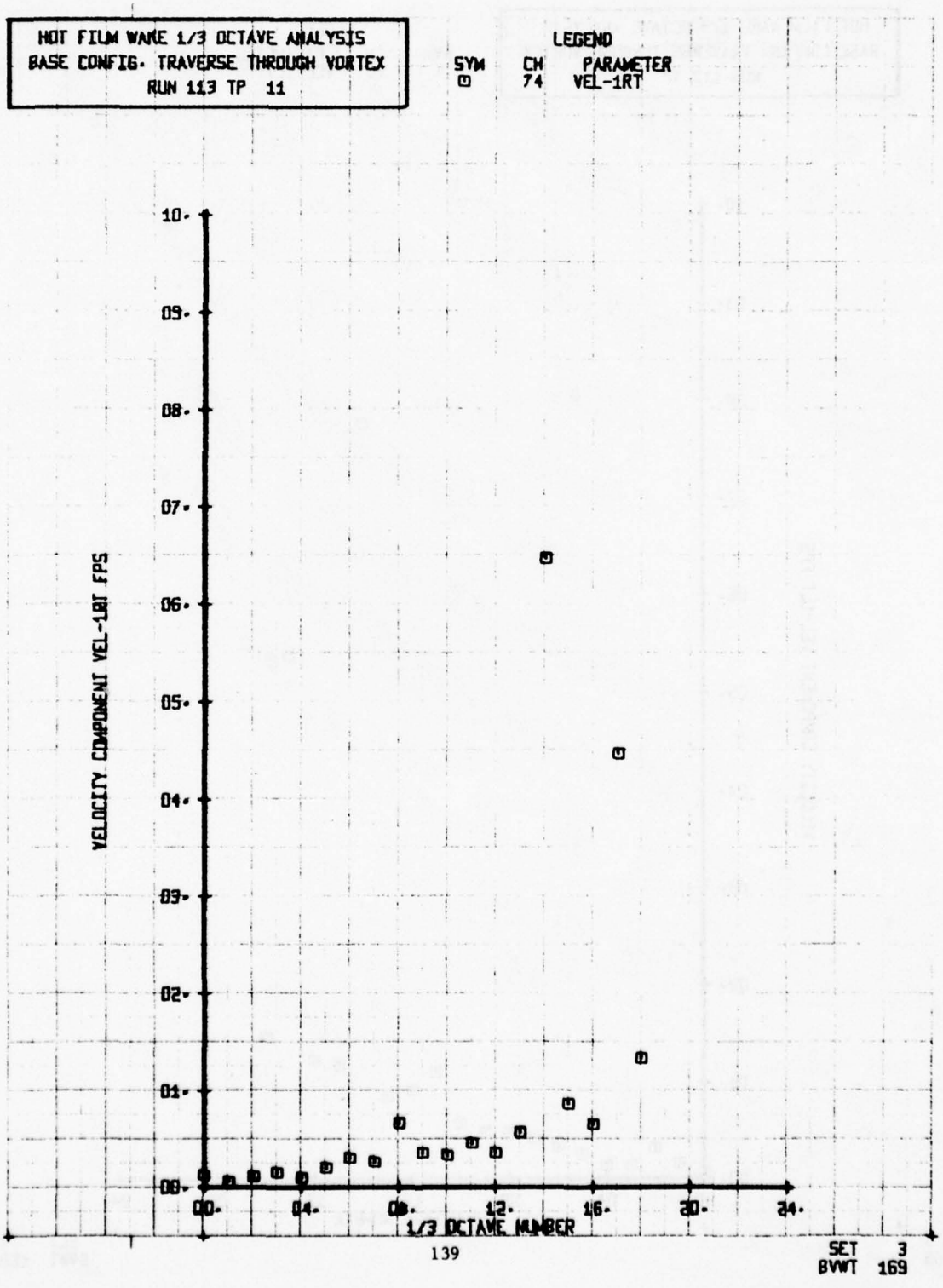

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 2
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
09.
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16.
20.
24.
1/3 OCTAVE NUMBER
ET 3
WT 169
SET 3
BVWT 169

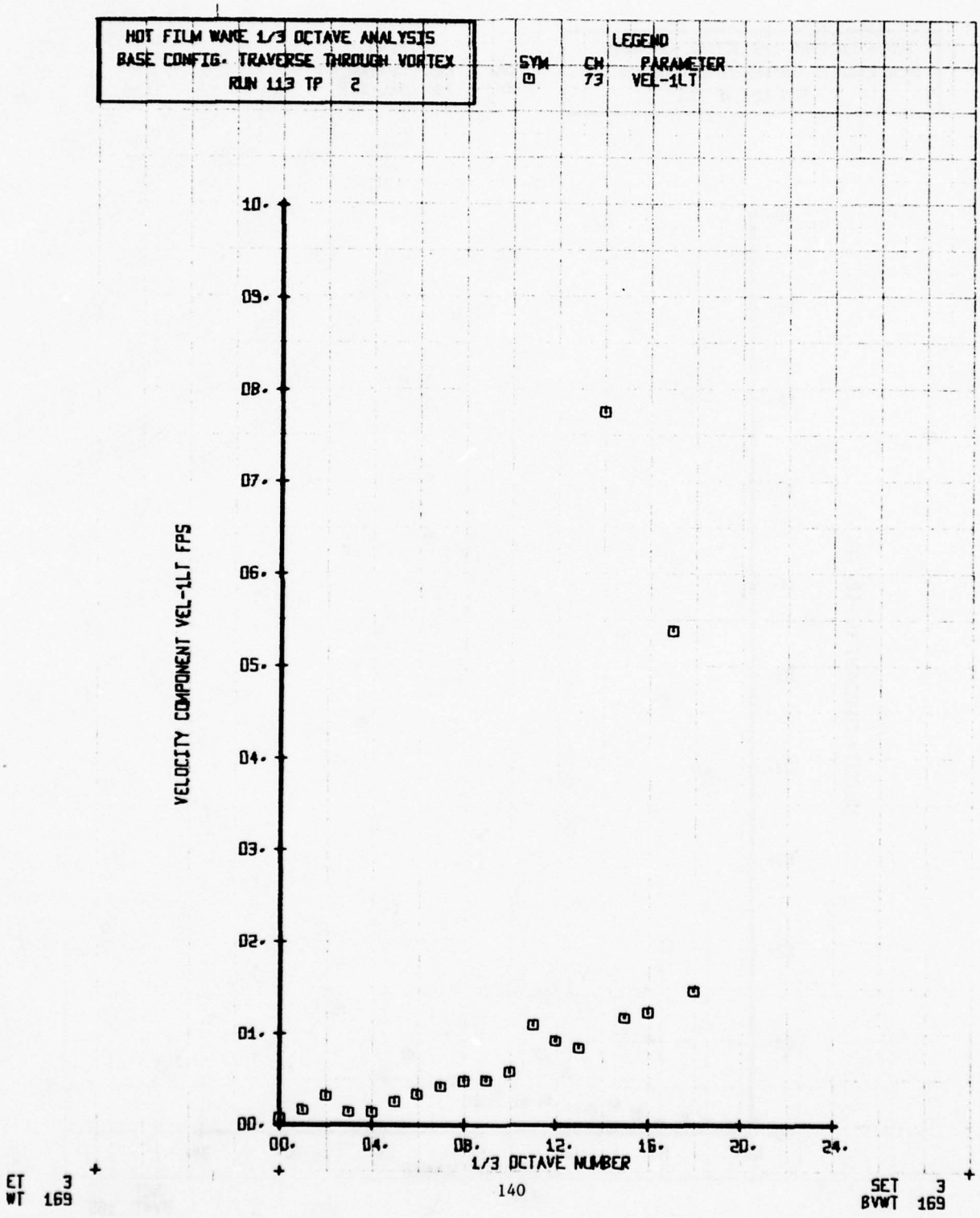

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 4
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER
ET 3
WT 169

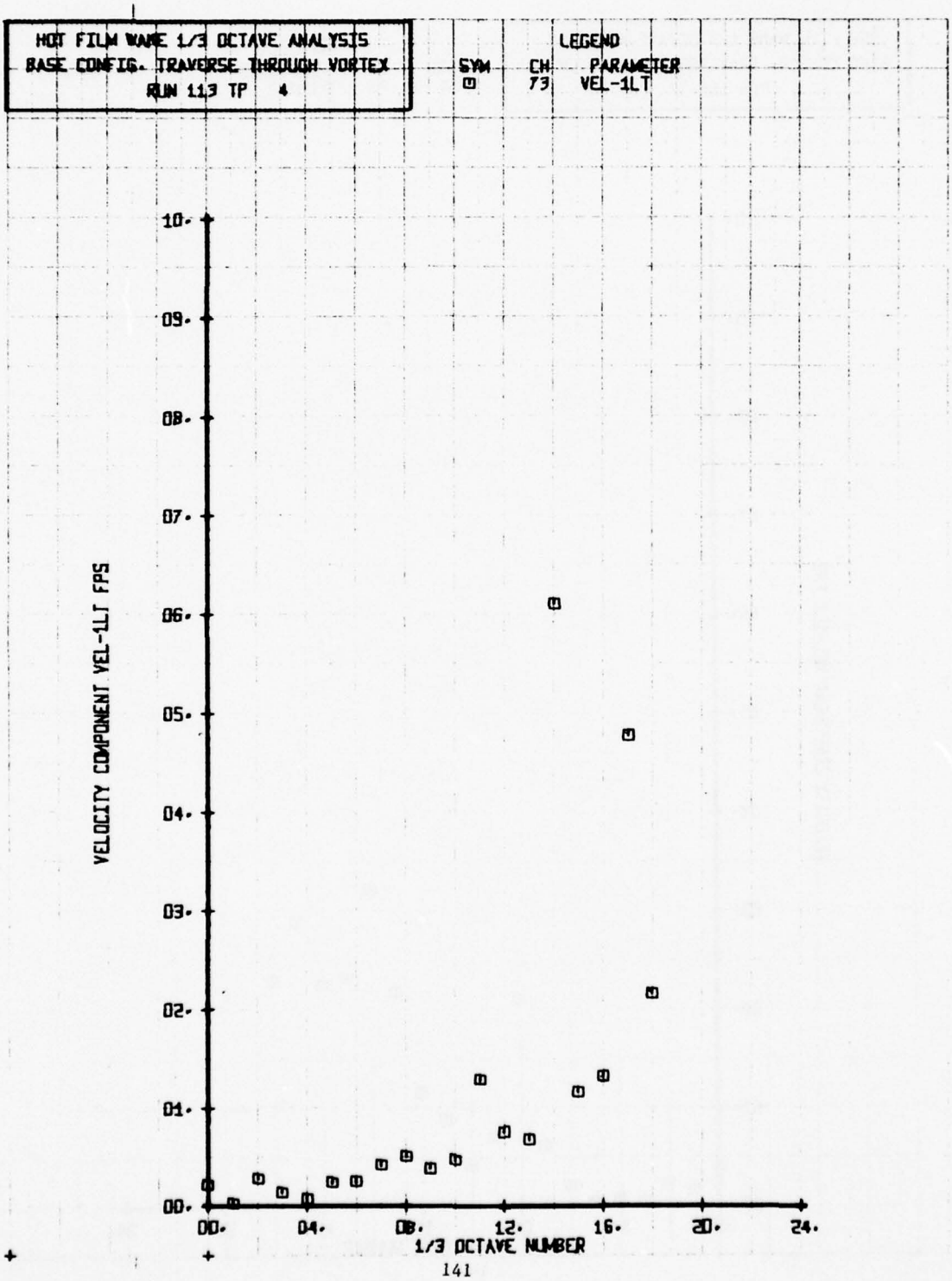

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 6
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
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06.
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 8
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
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12.
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20.
24.
1/3 OCTAVE NUMBER

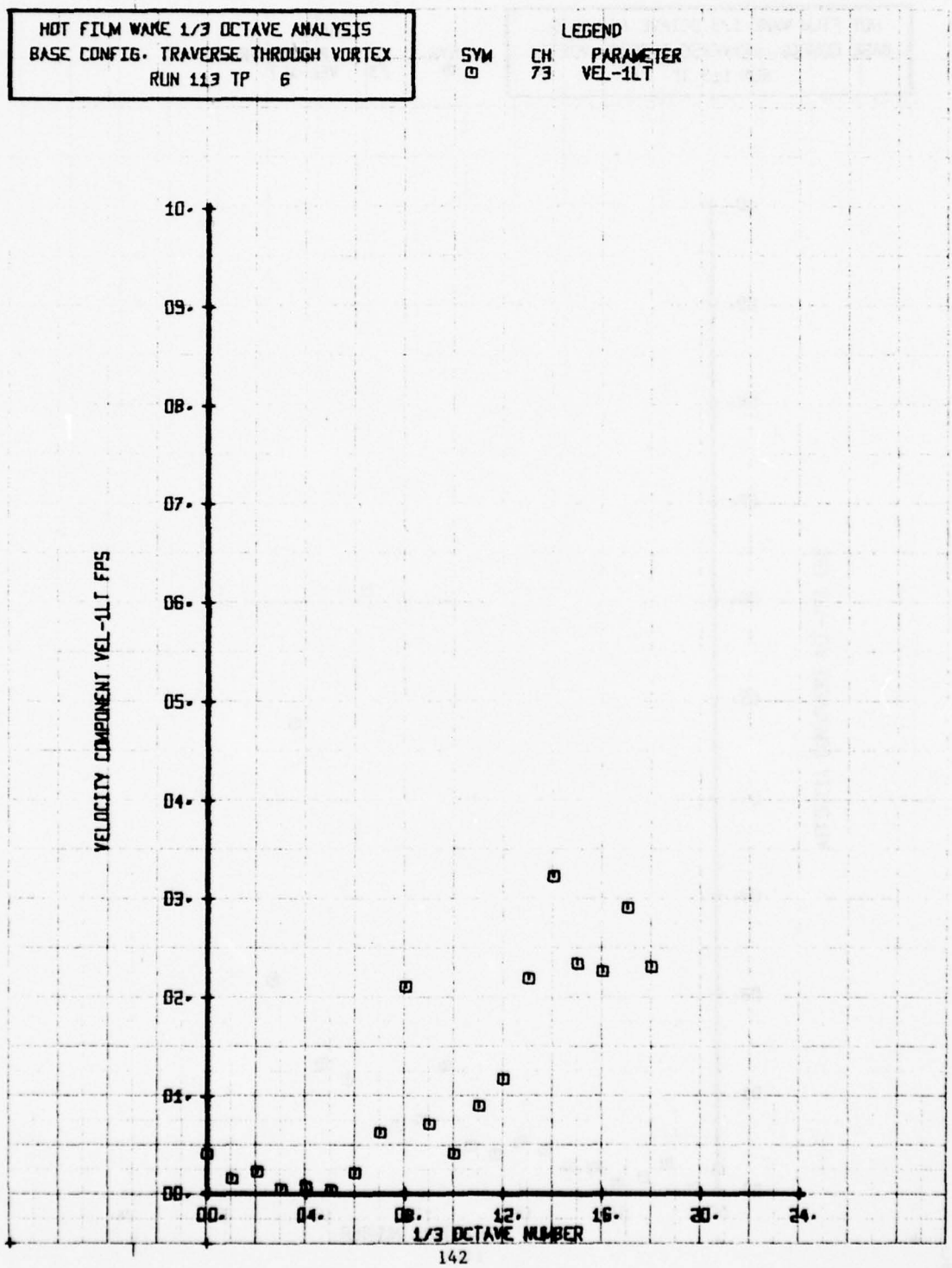

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 10
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
09.
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24.
1/3 OCTAVE NUMBER

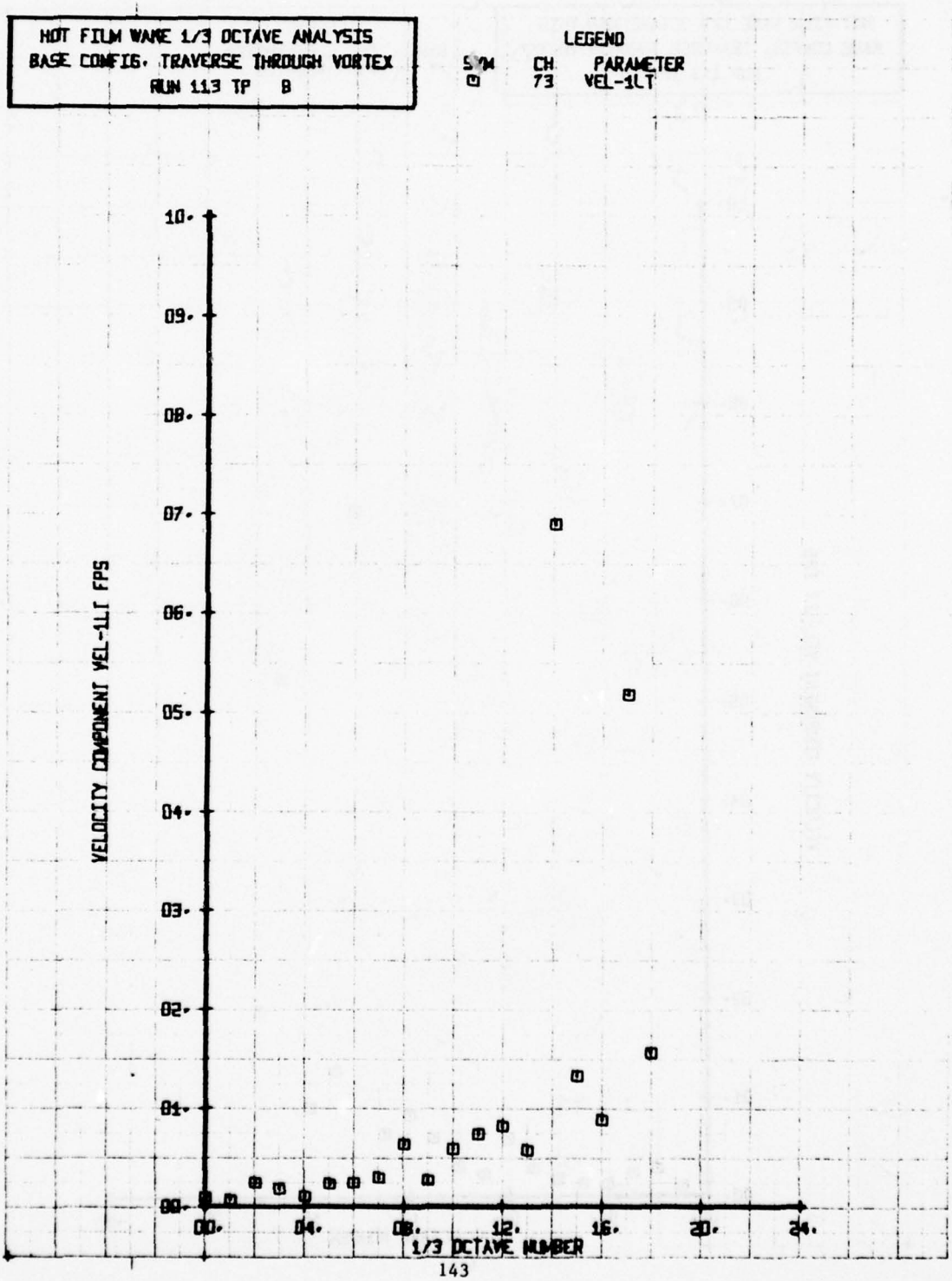

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 11
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER
SET 3
BVWT 169

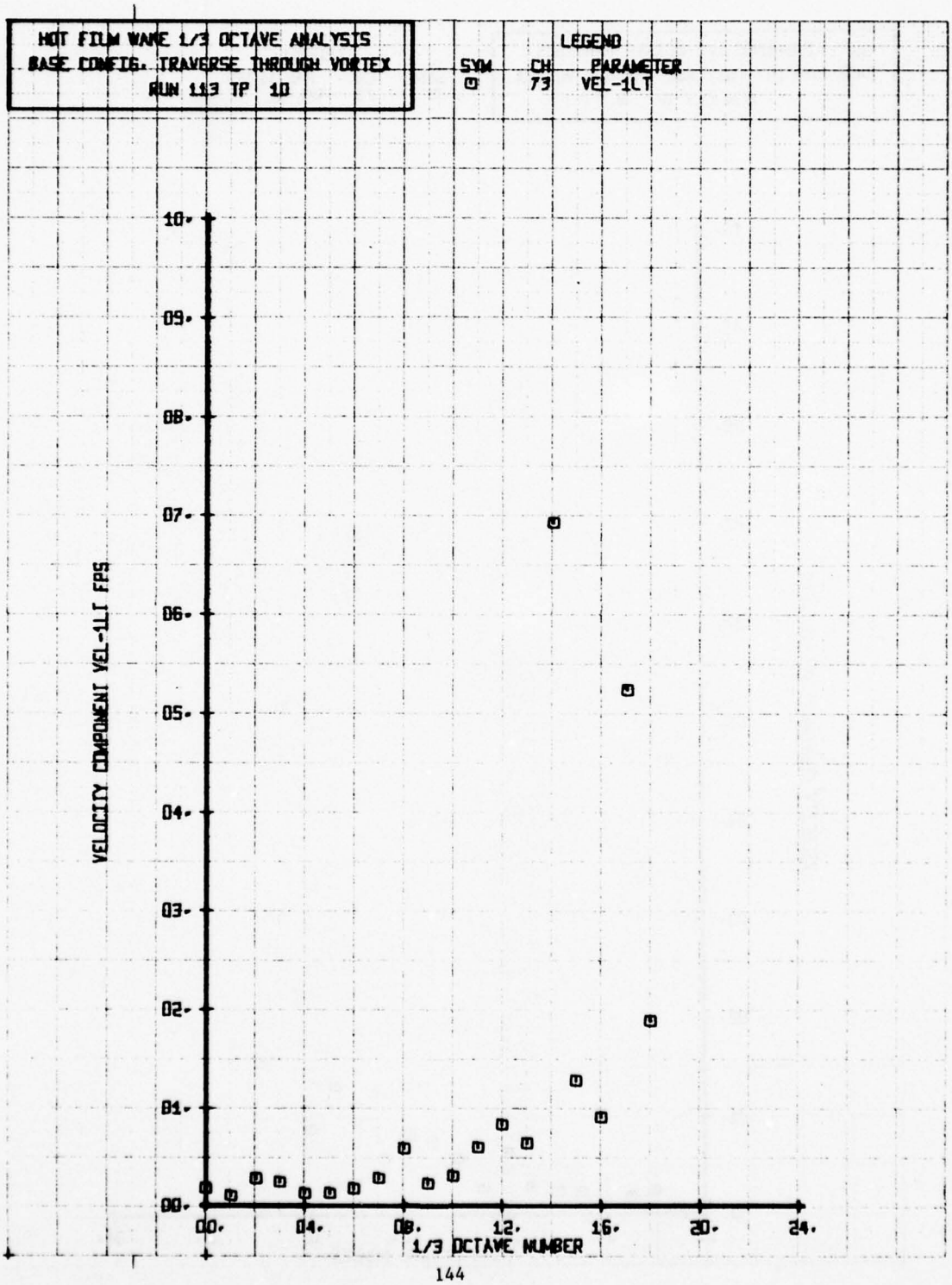

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 2
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
09.
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16.
20.
24.
1/3 OCTAVE NUMBER
ET 3
WT 169
SET 3
BVWT 169

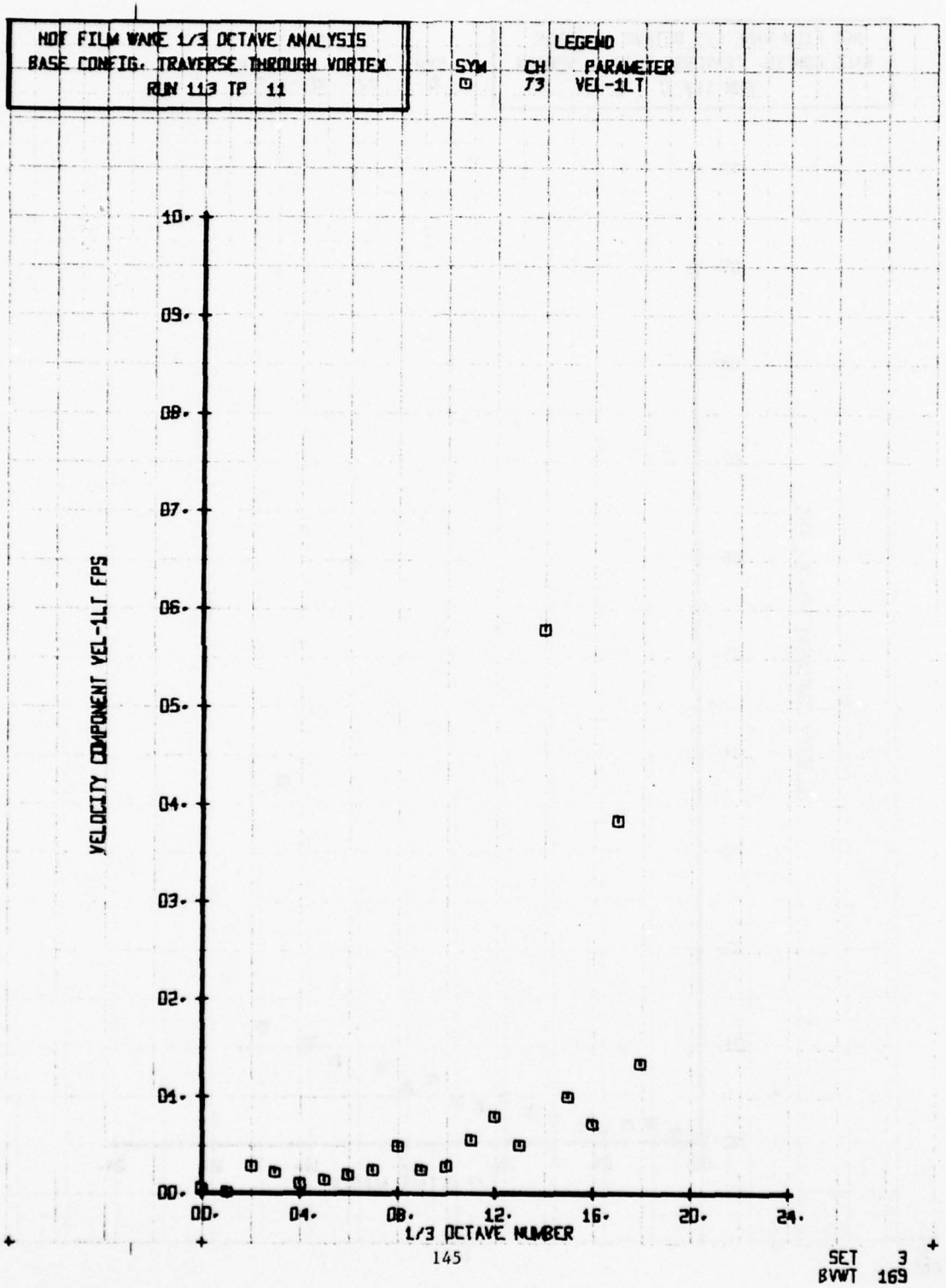

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 4
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
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1/3 OCTAVE NUMBER

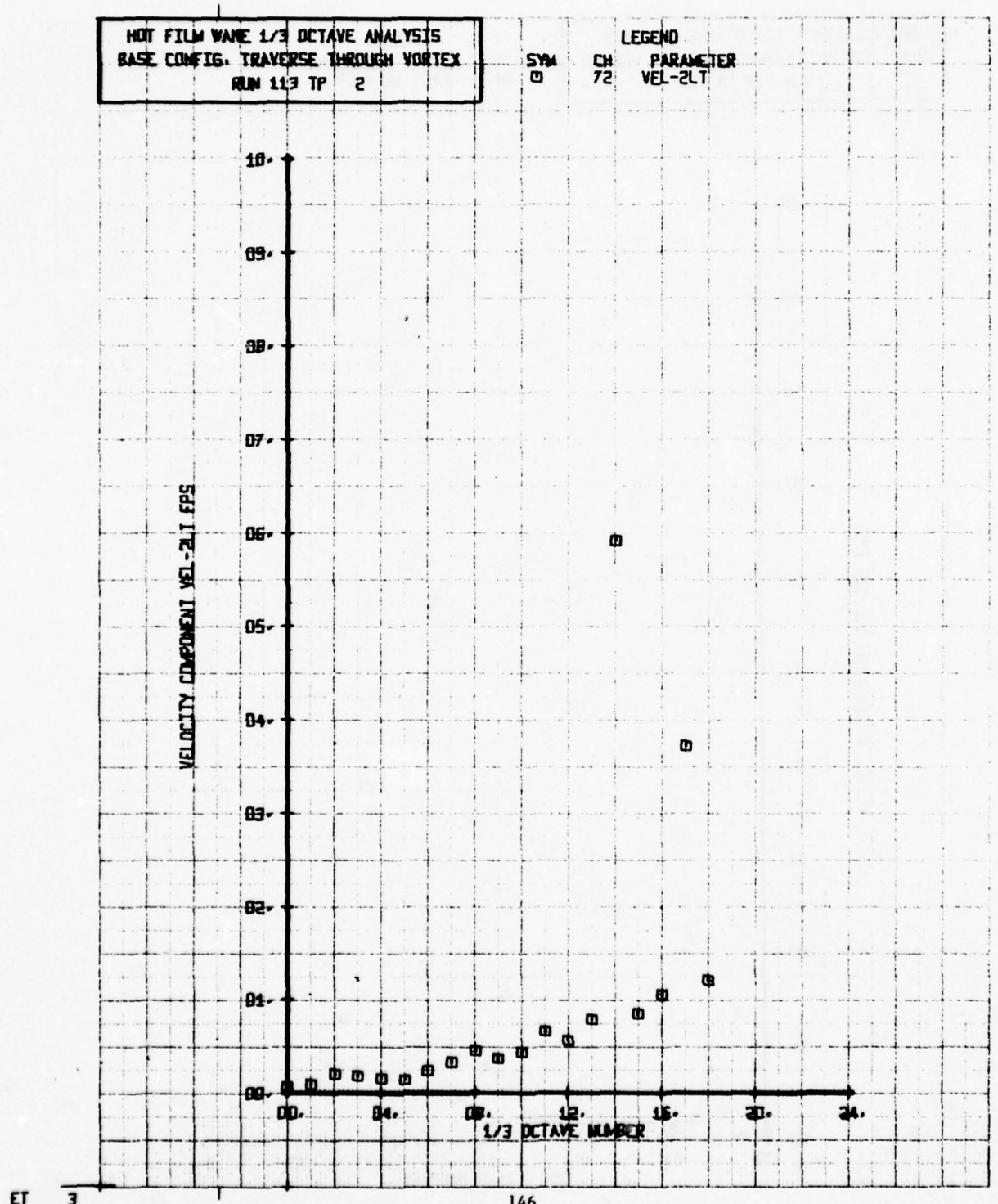
ET 3
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 6
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
09.
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24.
1/3 OCTAVE NUMBER

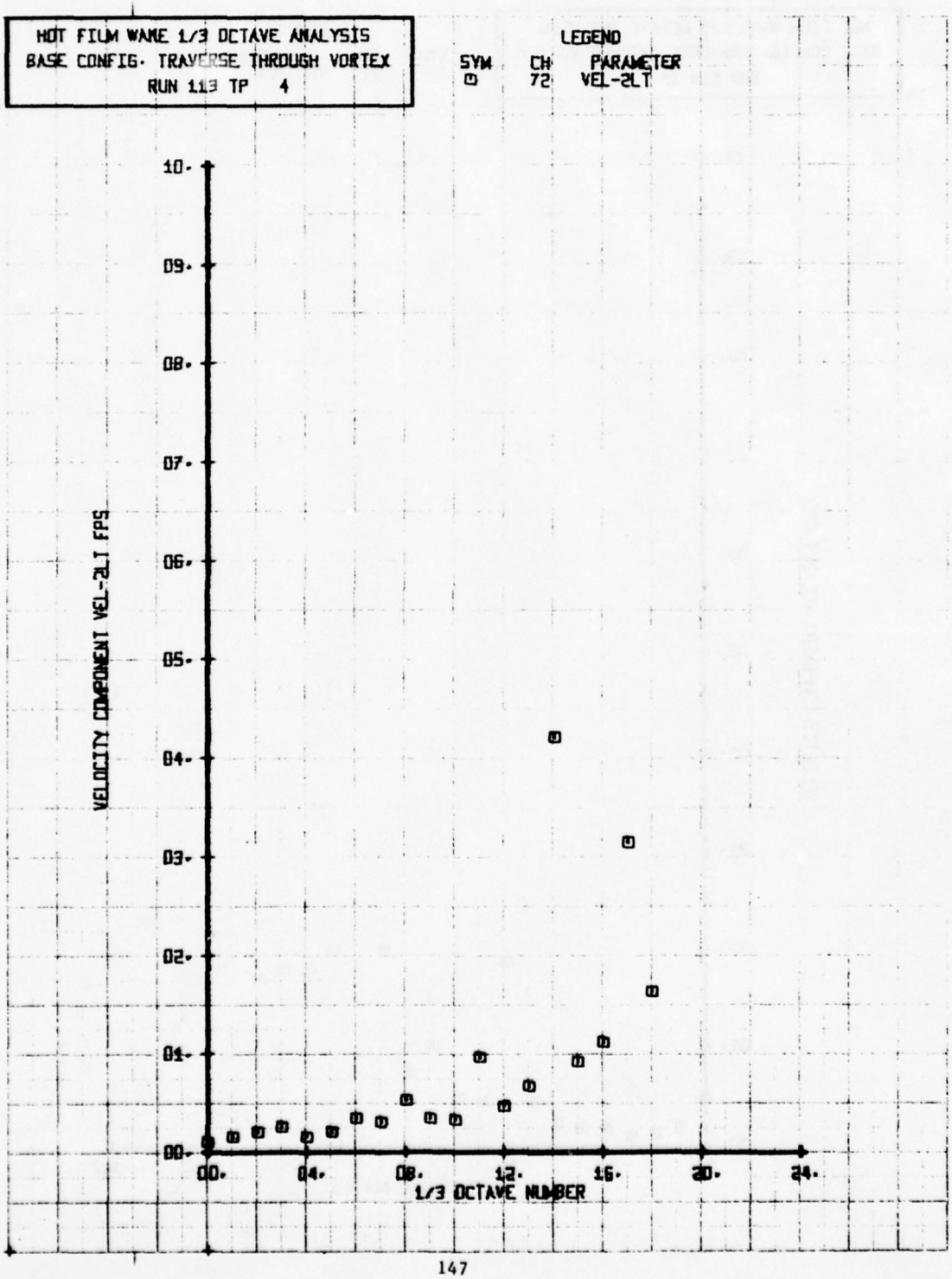

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 8
LEGEND
SYM CH PARAMETER
73 VEL-1LT
10.
09.
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VELOCITY COMPONENT VEL-1LT FPS
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12.
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24.
1/3 OCTAVE NUMBER

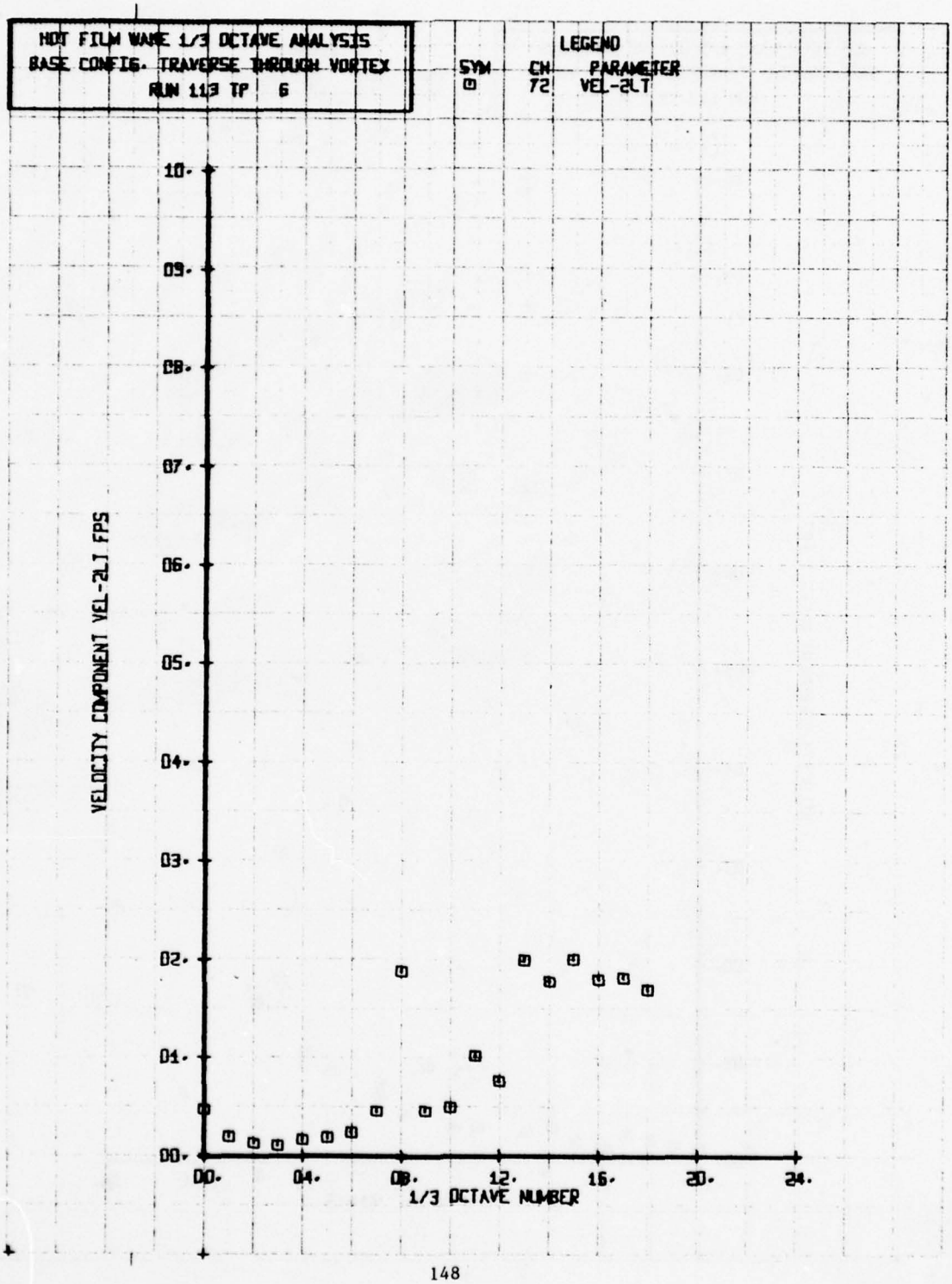

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 10
LEGEND
SYM CH PARAMETER
73 VEL-1LT
10.
09.
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VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

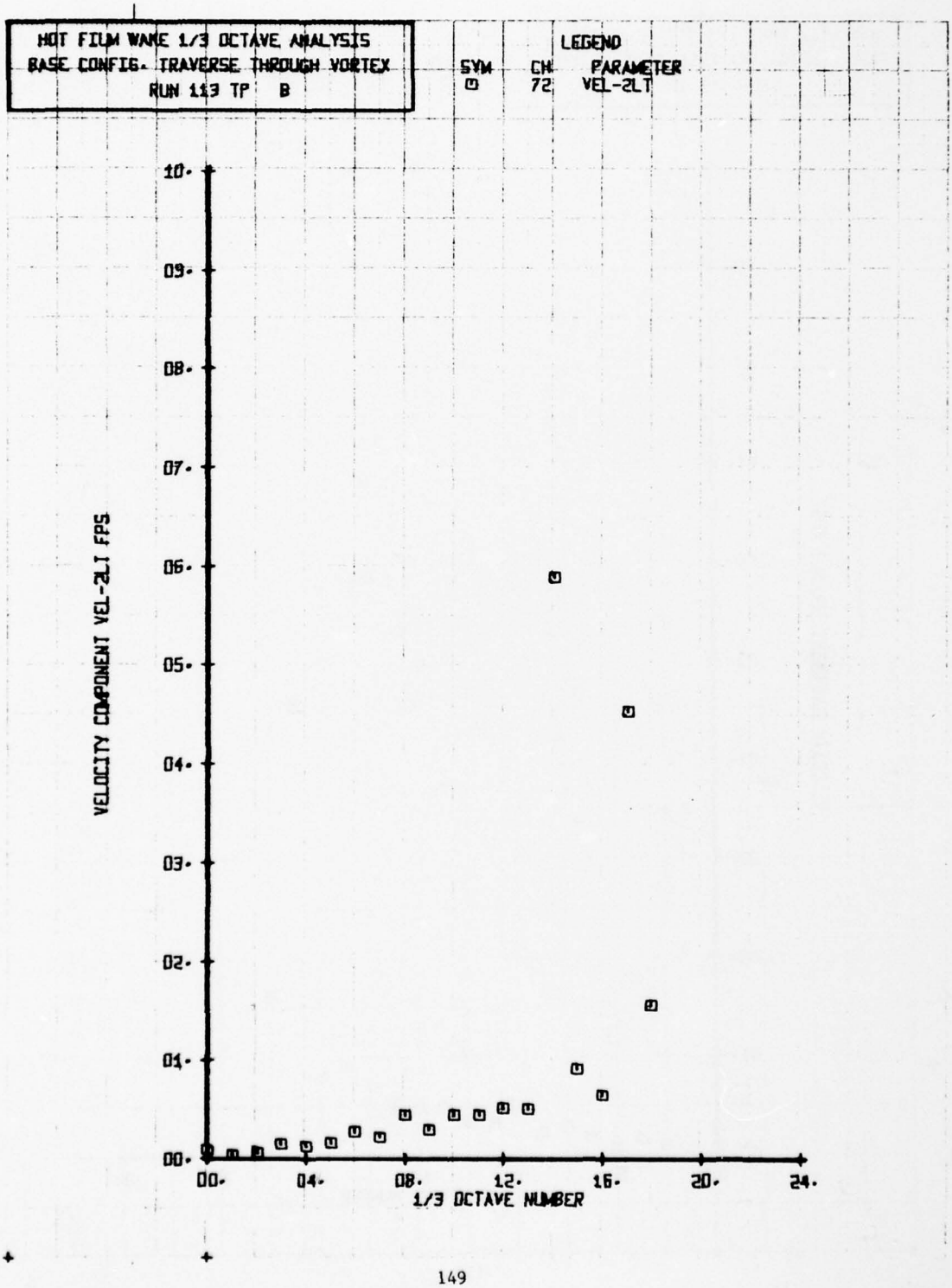

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 11
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
09.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 3
BVWT 169

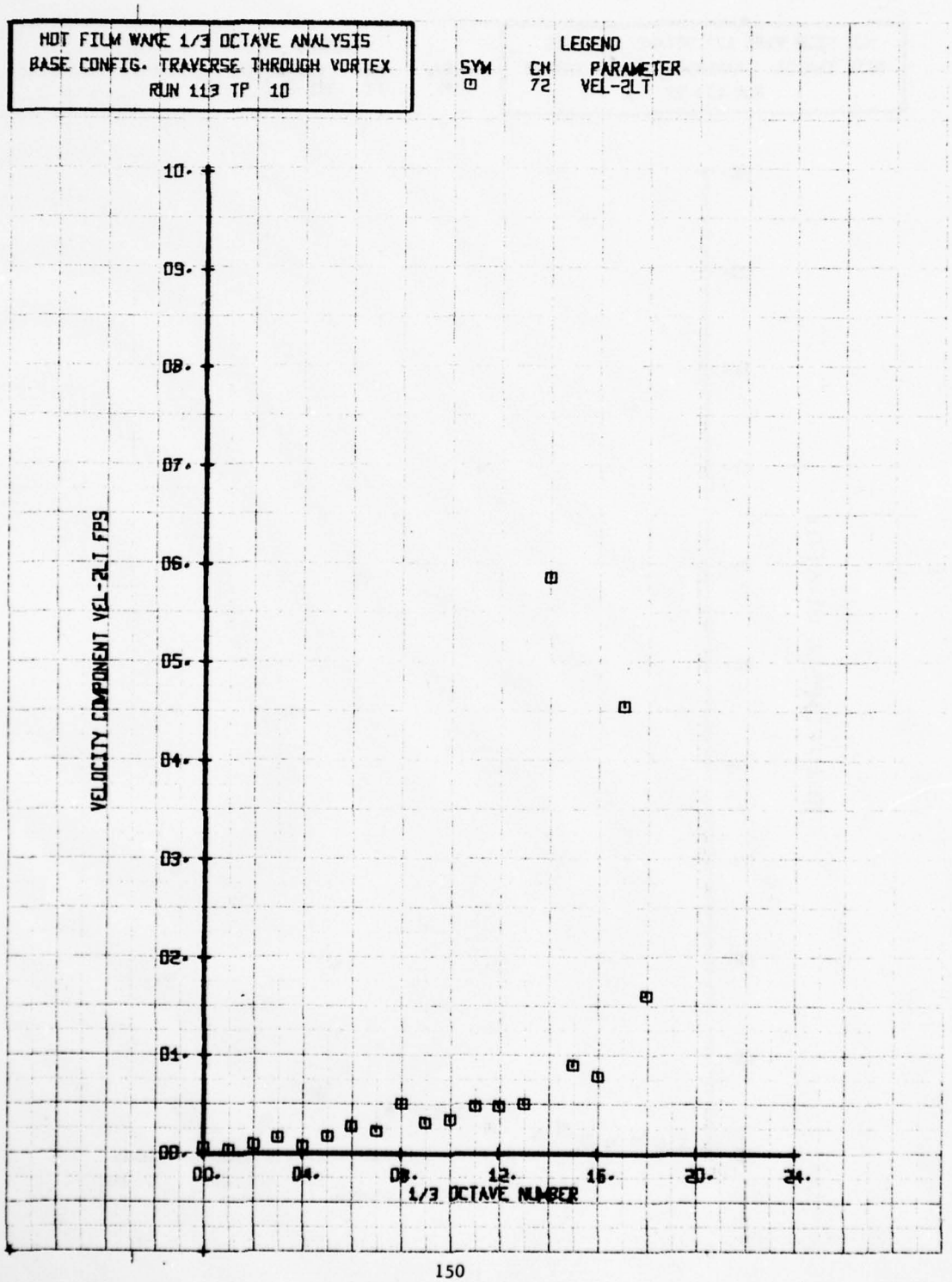

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 2
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
1/3 OCTAVE NUMBER
10.
09.
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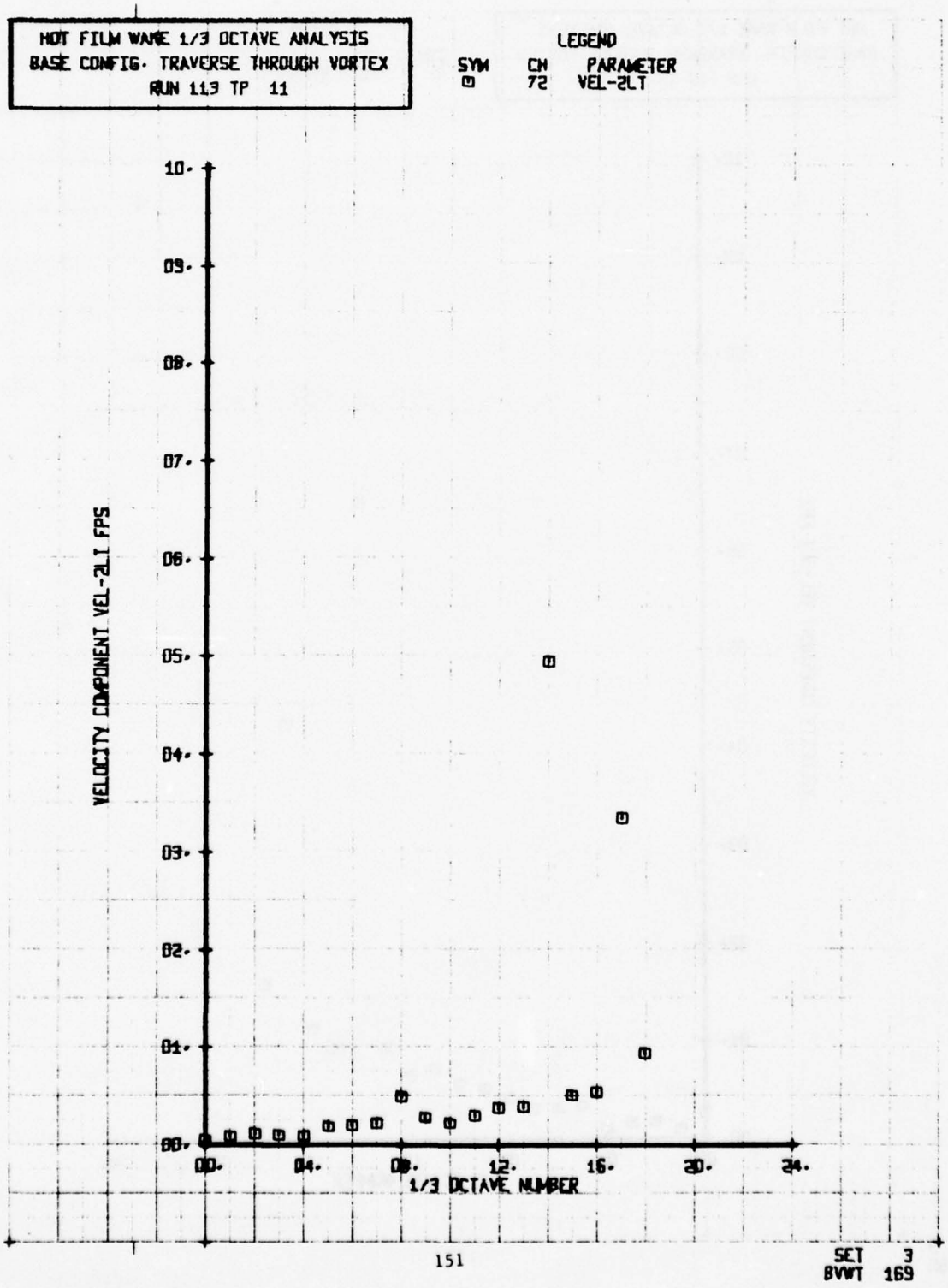
ET 3
WT 169

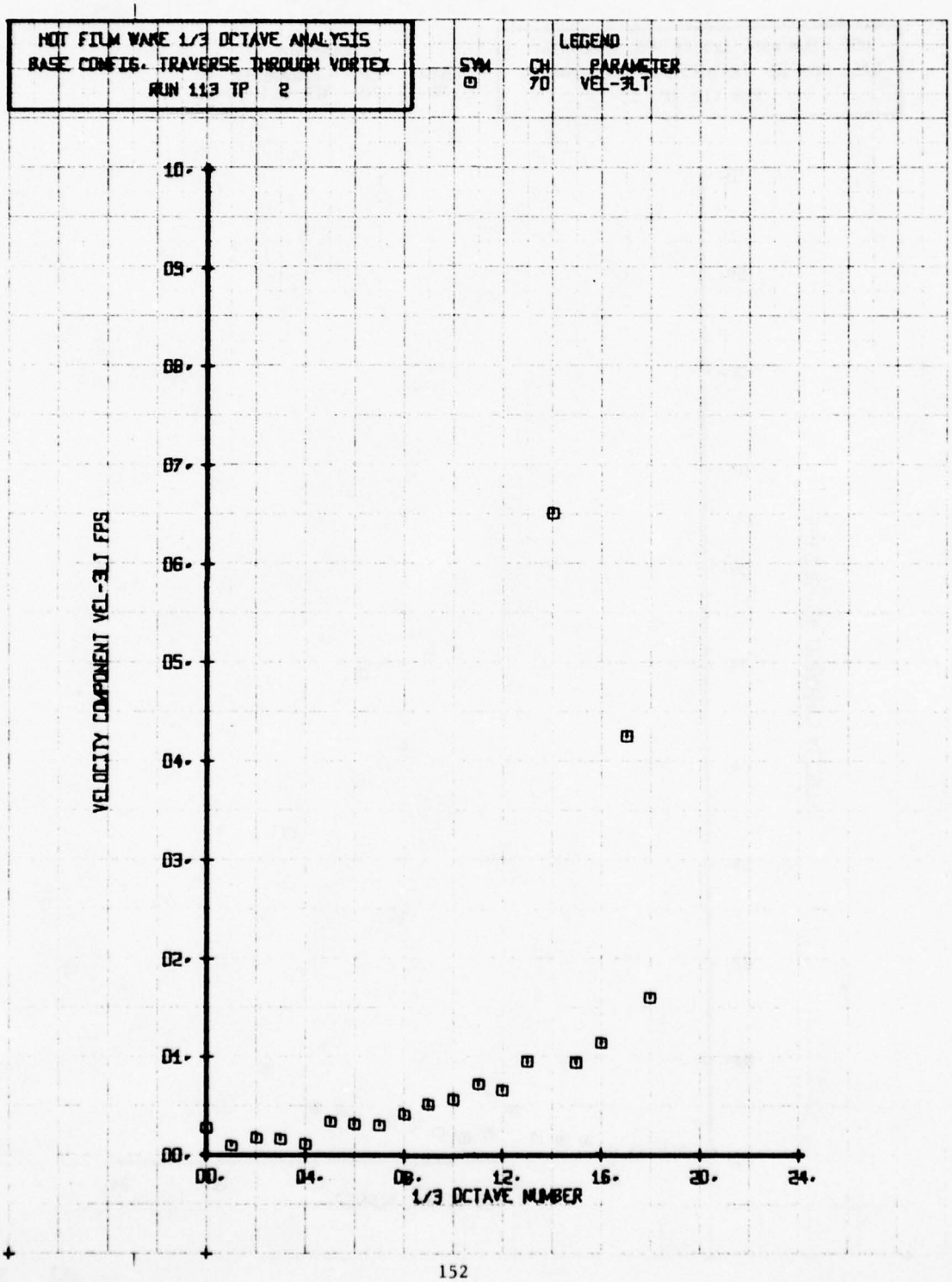

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 4
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

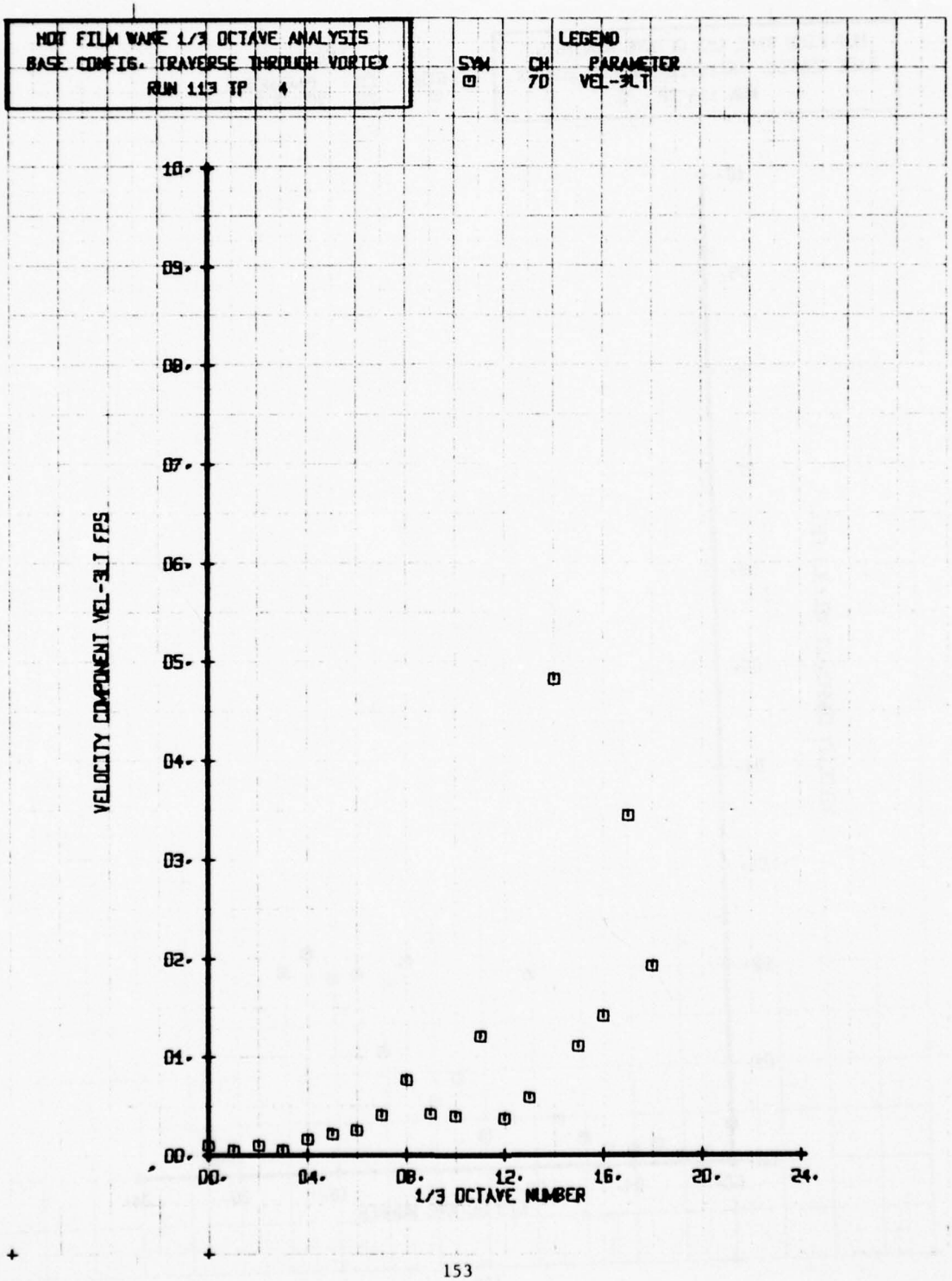

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 6
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

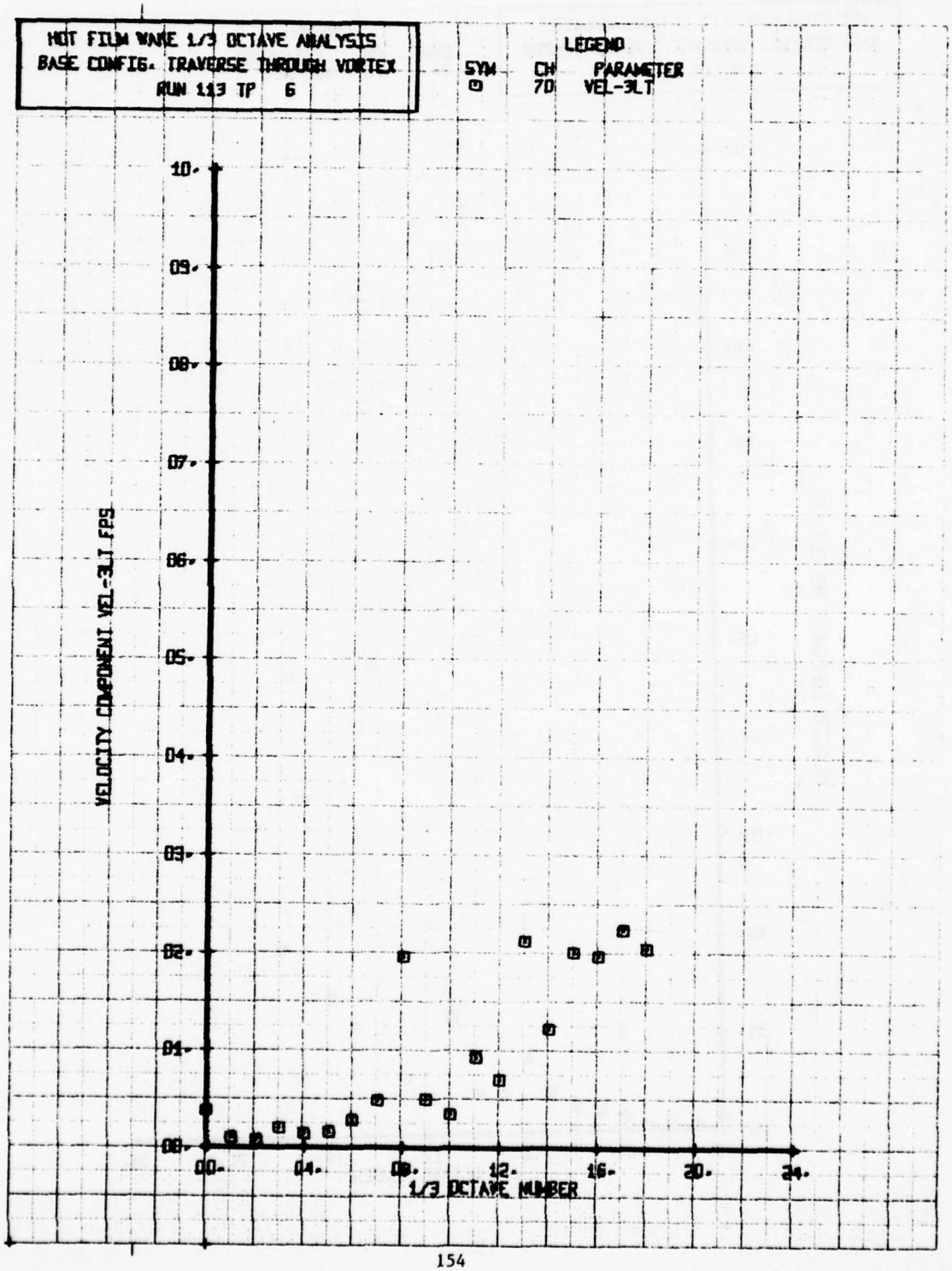

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP B
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

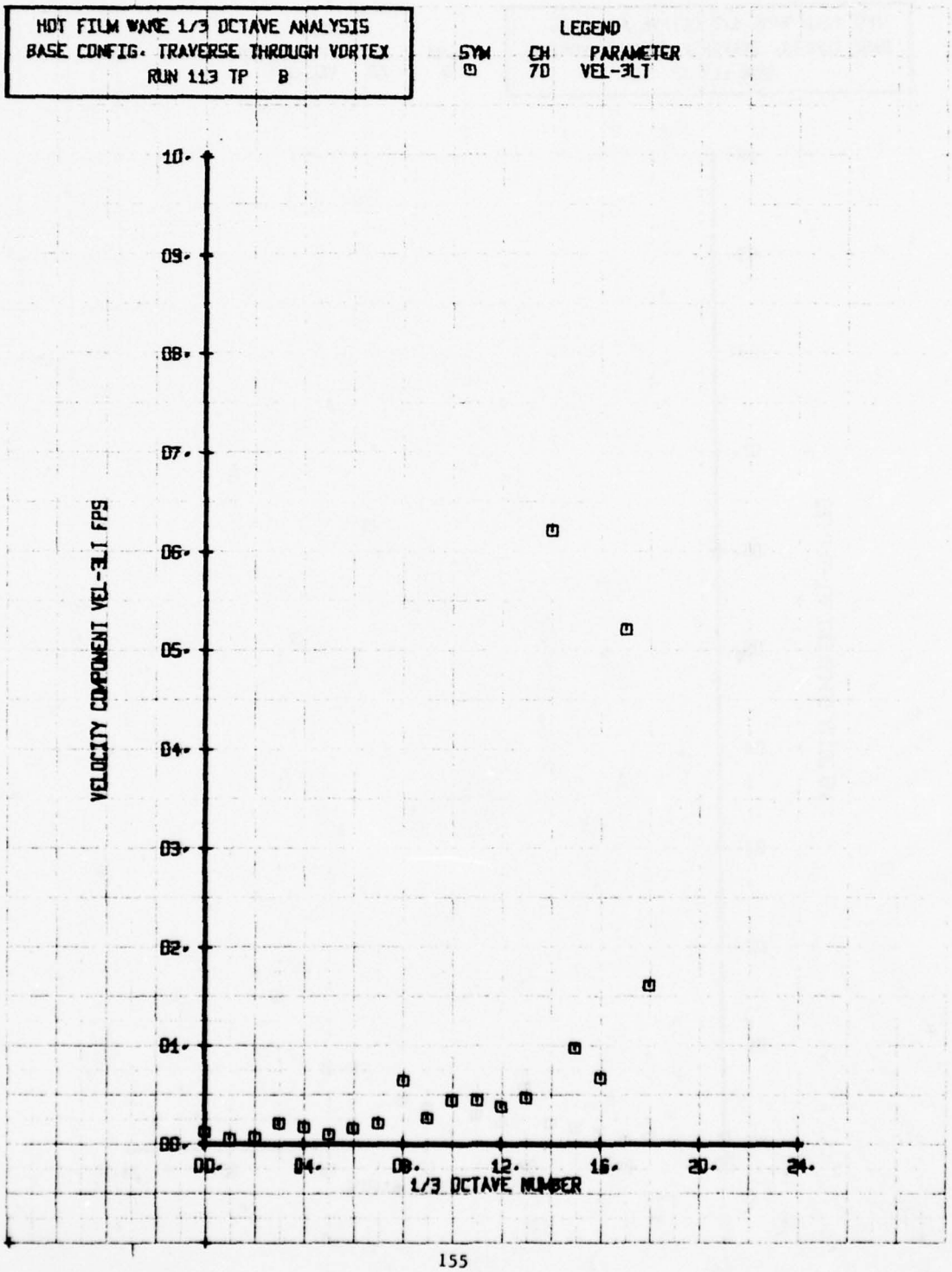

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 10
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

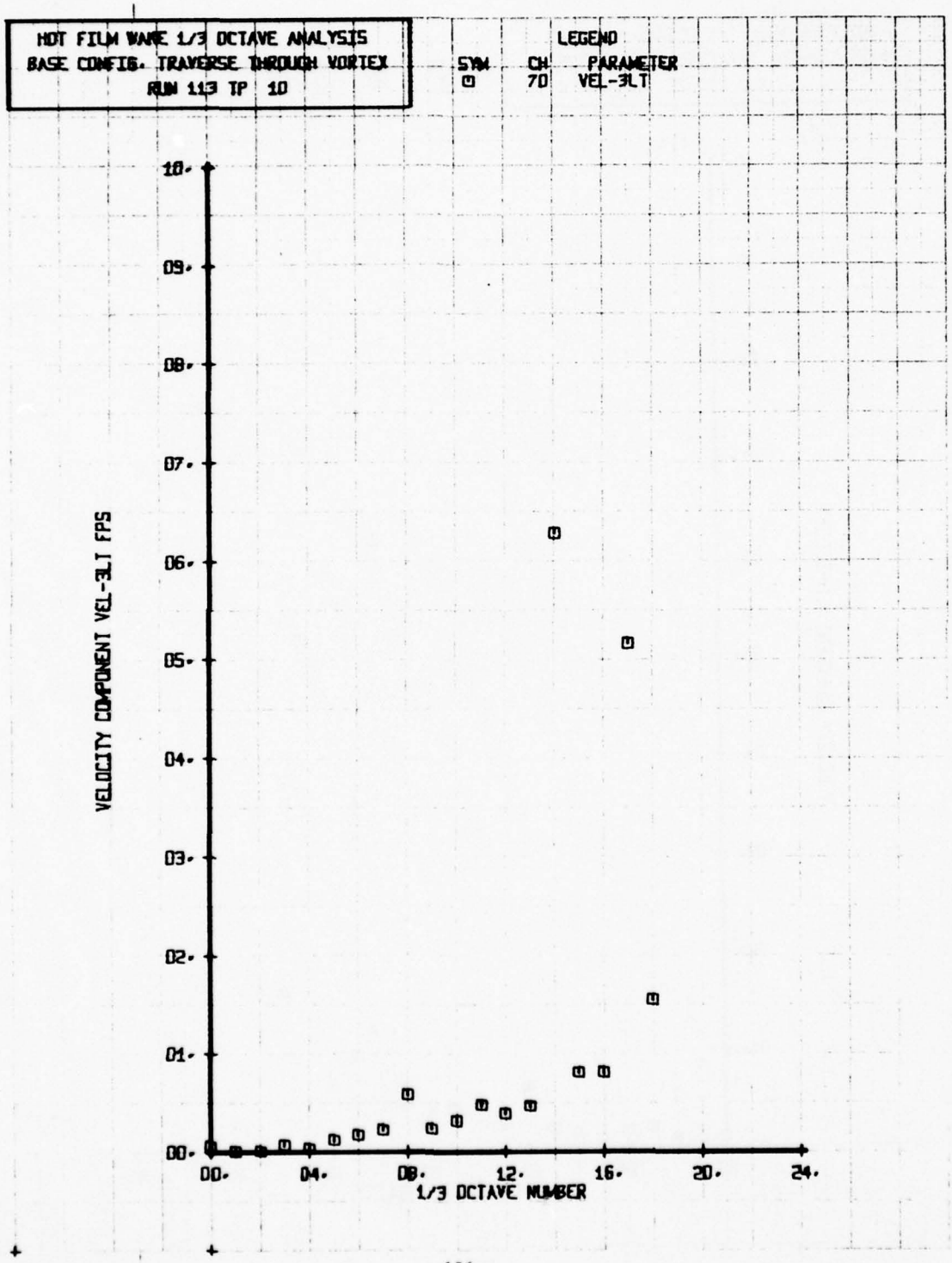

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 11
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 3
BVWT 169

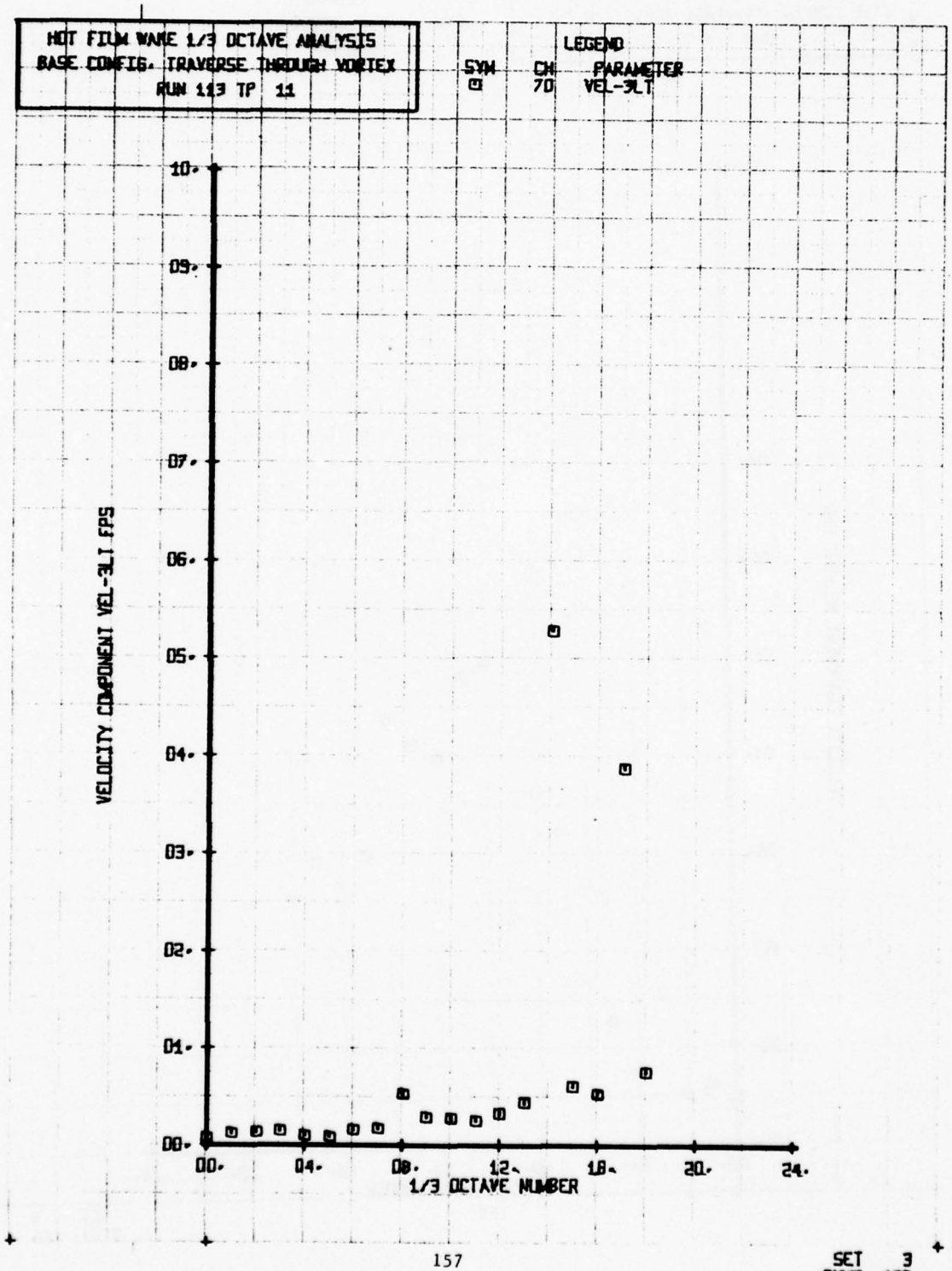

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 2
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
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00.
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
ET 3
WT 169

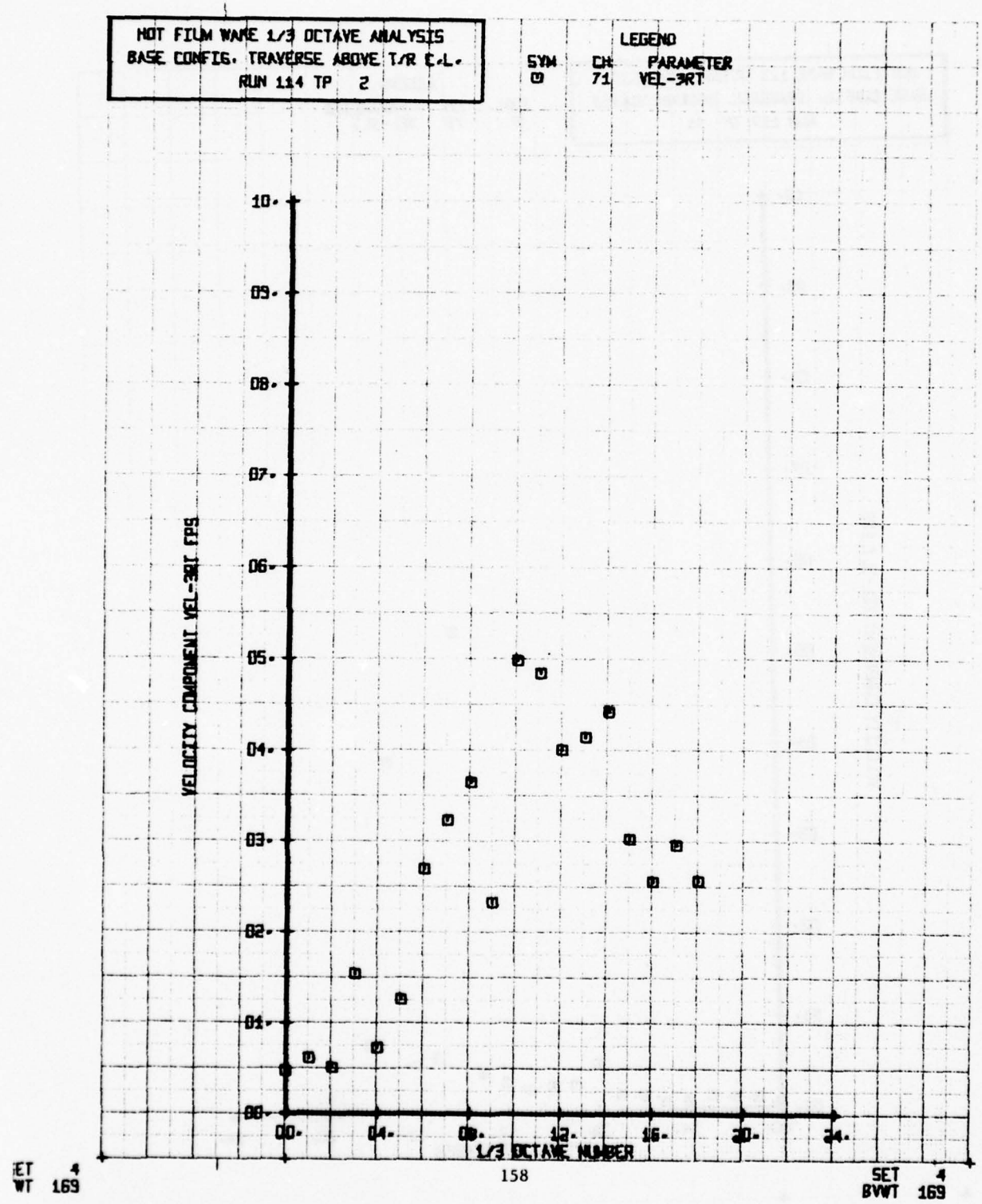

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 4
LEGEND
SYM CH PARAMETER
7D VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
1/3 OCTAVE NUMBER
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
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04.
08.
12.
16.
20.
24.

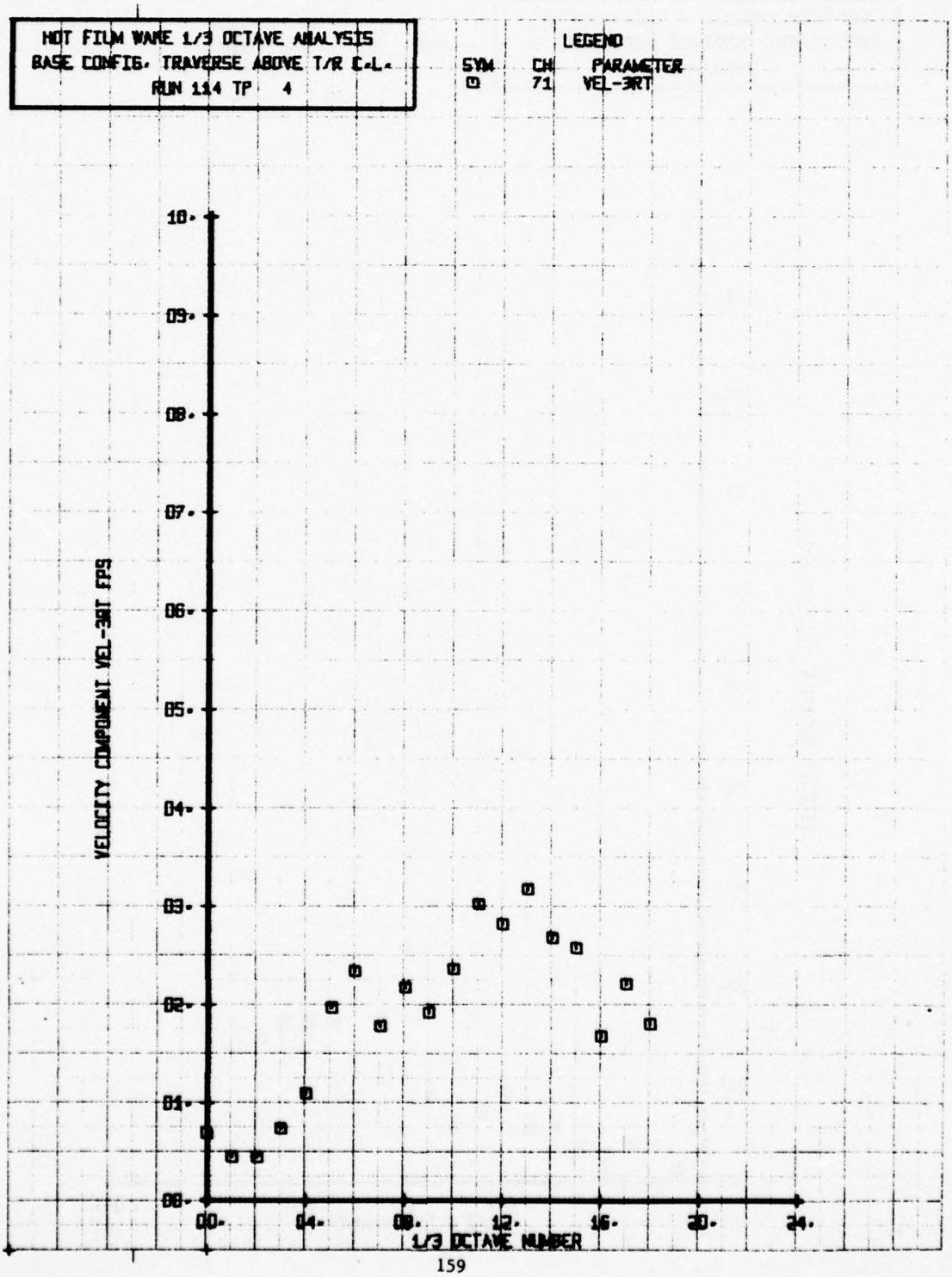

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 6
LEGEND
SYM CH PARAMETER
7D VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
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00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 8
LEGEND
SYM CH PARAMETER
7D VEL-3LI
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-3LI FPS
00.
04.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

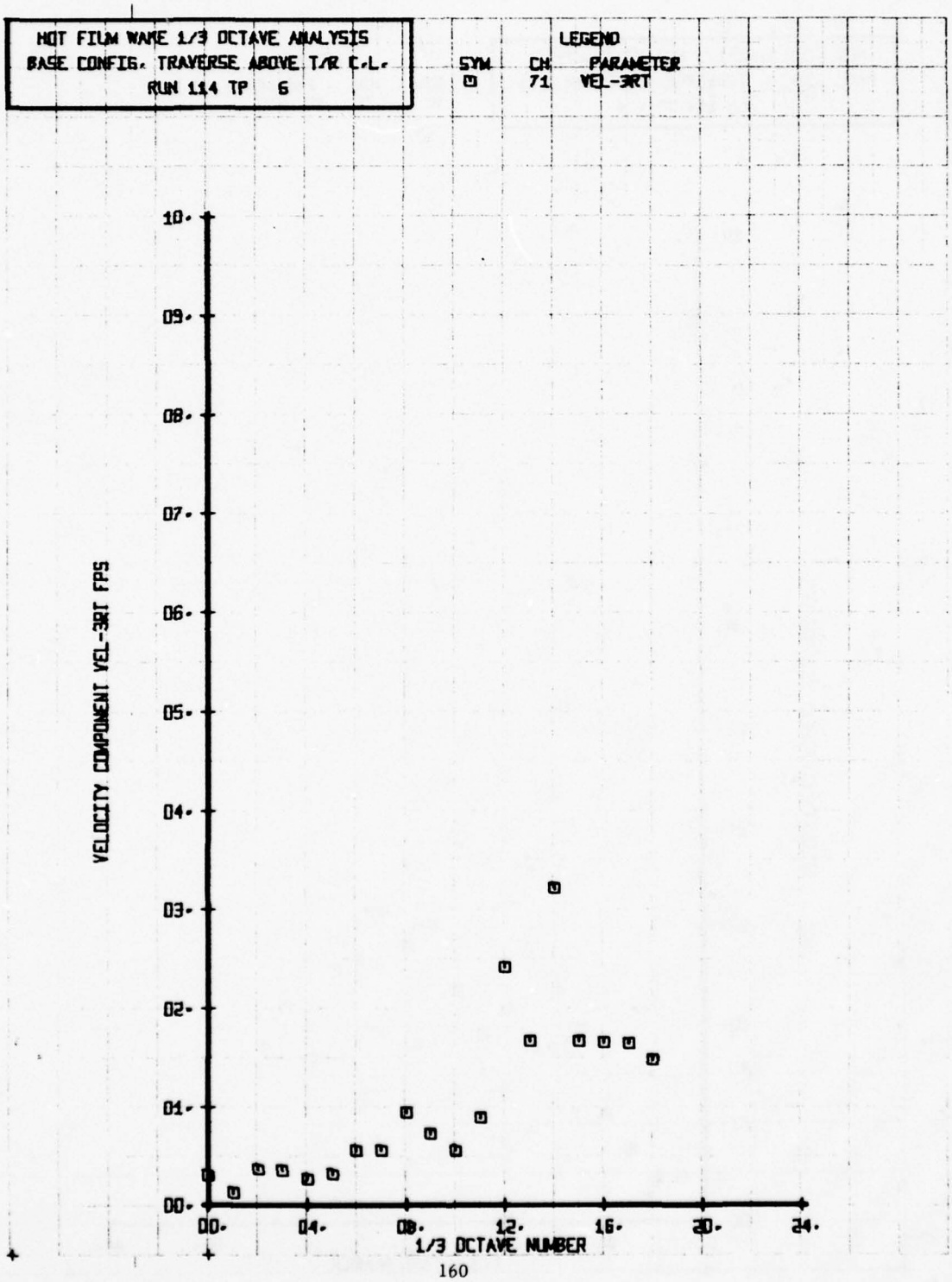

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 10
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

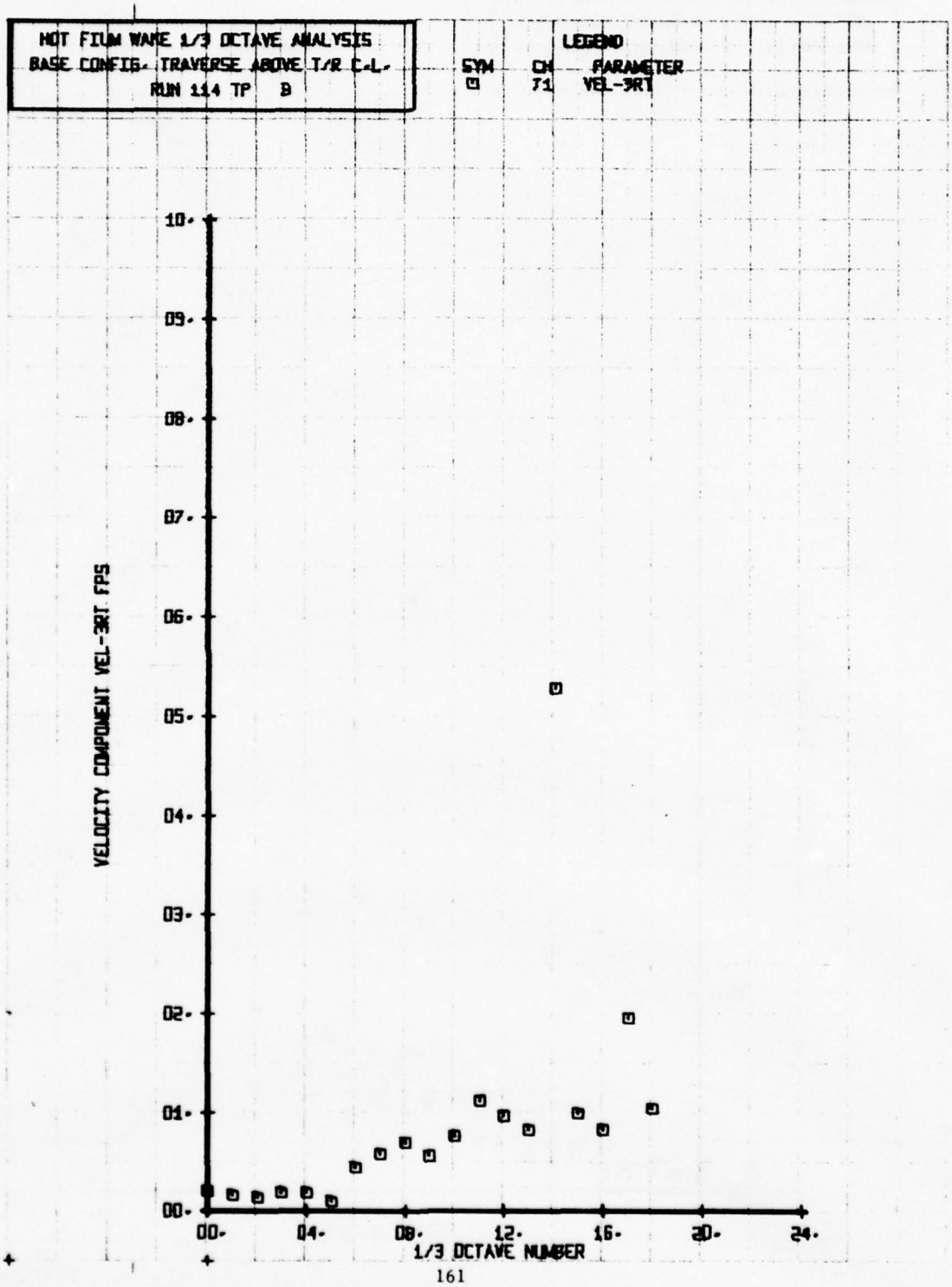

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE THROUGH VORTEX
RUN 113 TP 11
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LI FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 3
BVWT 169

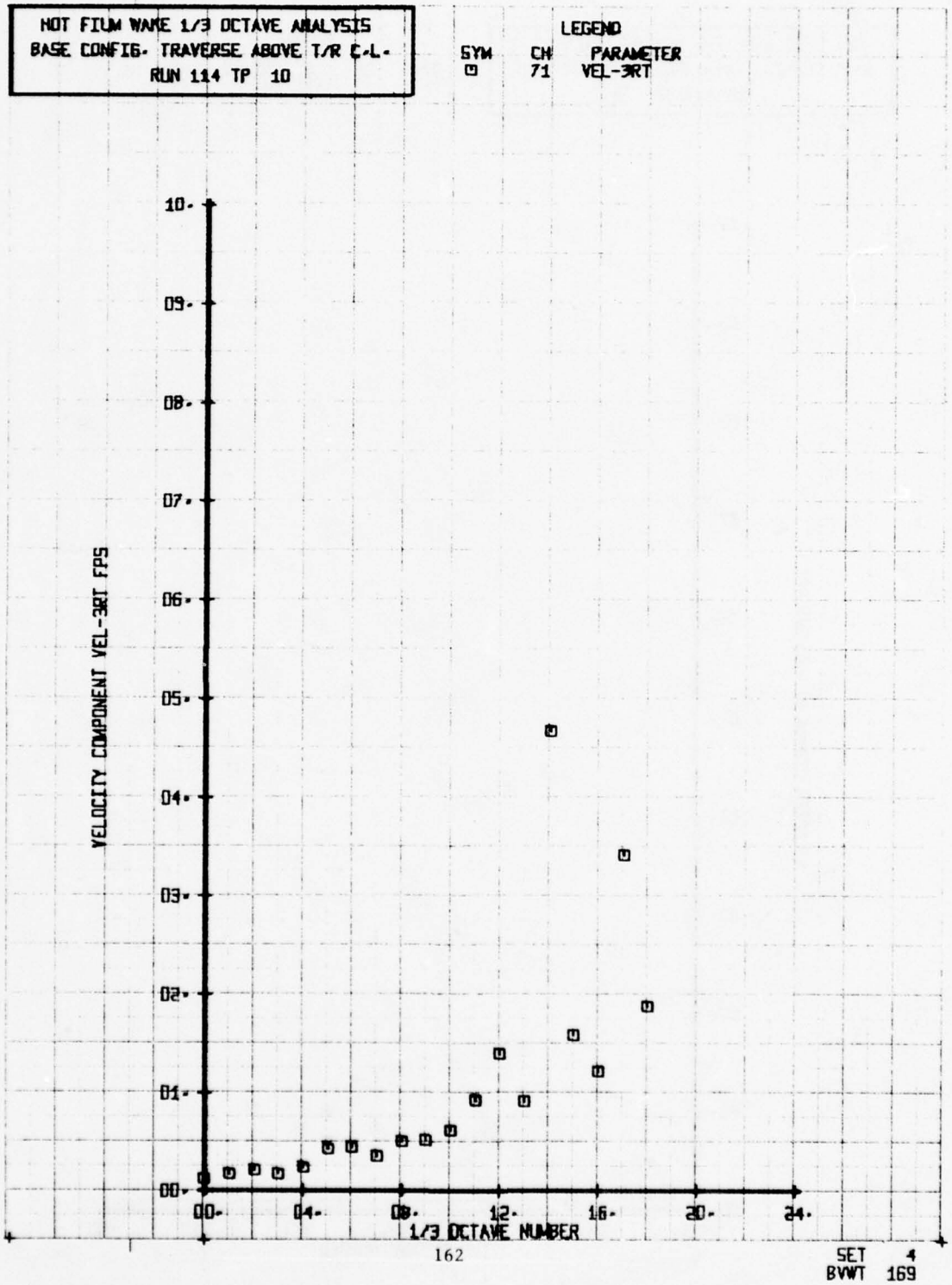

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 2
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
08.
07.
06.
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04.
03.
02.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 4
WT 169
SET 4
BWT 169

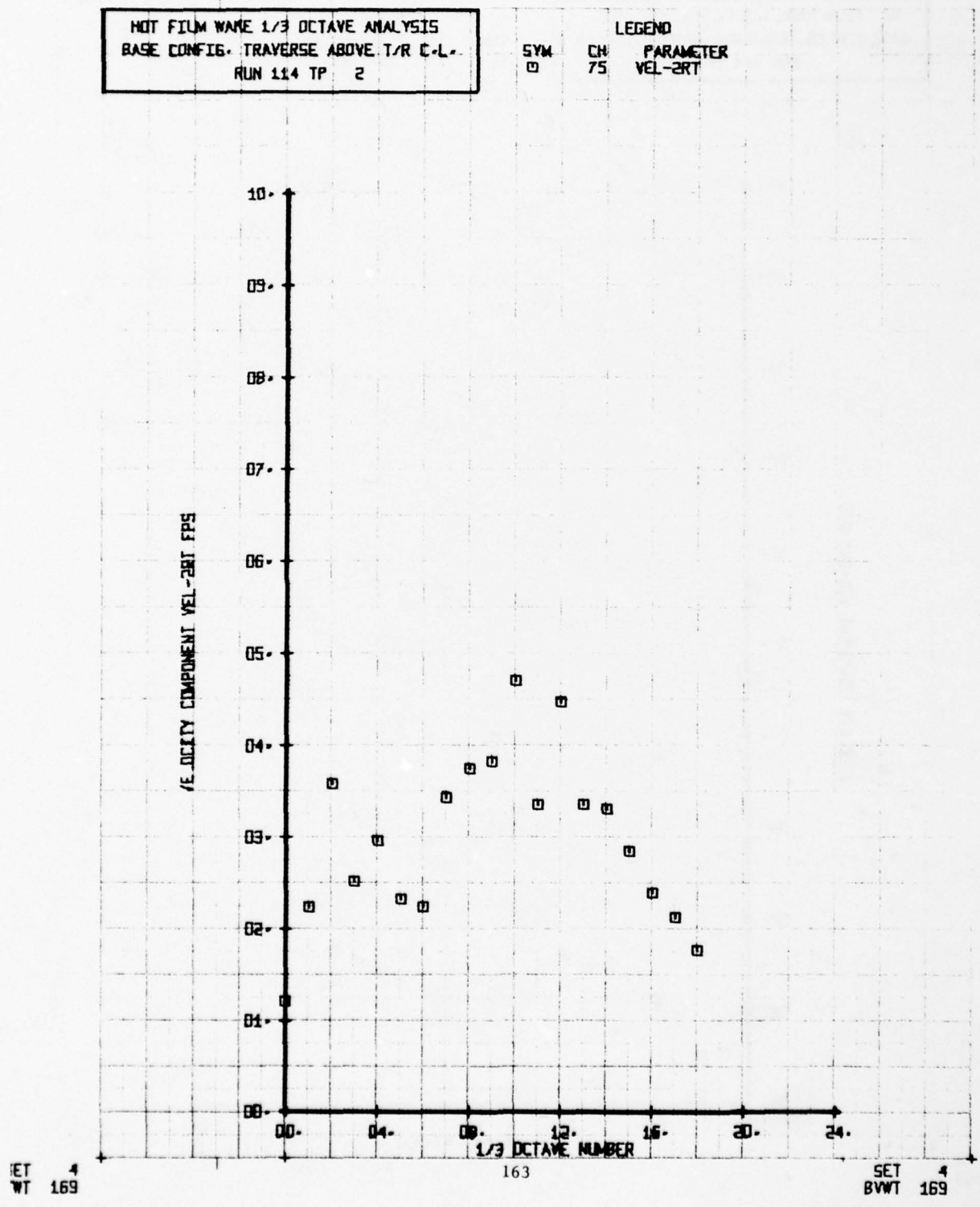

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 4
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
1/3 OCTAVE NUMBER
10.
09.
08.
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02.
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12.
16.
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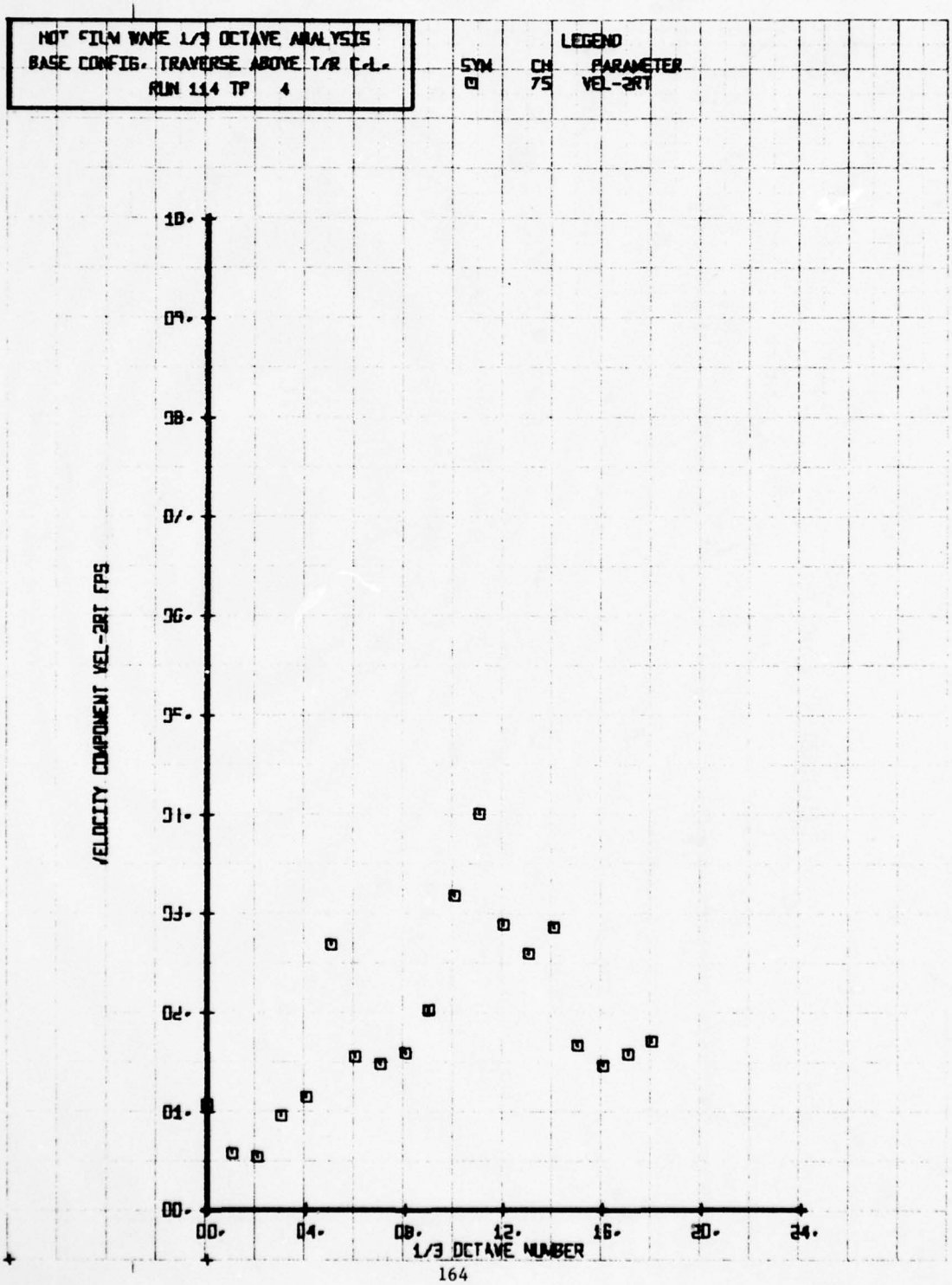
ET 4
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 6
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
08.
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06.
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04.
03.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

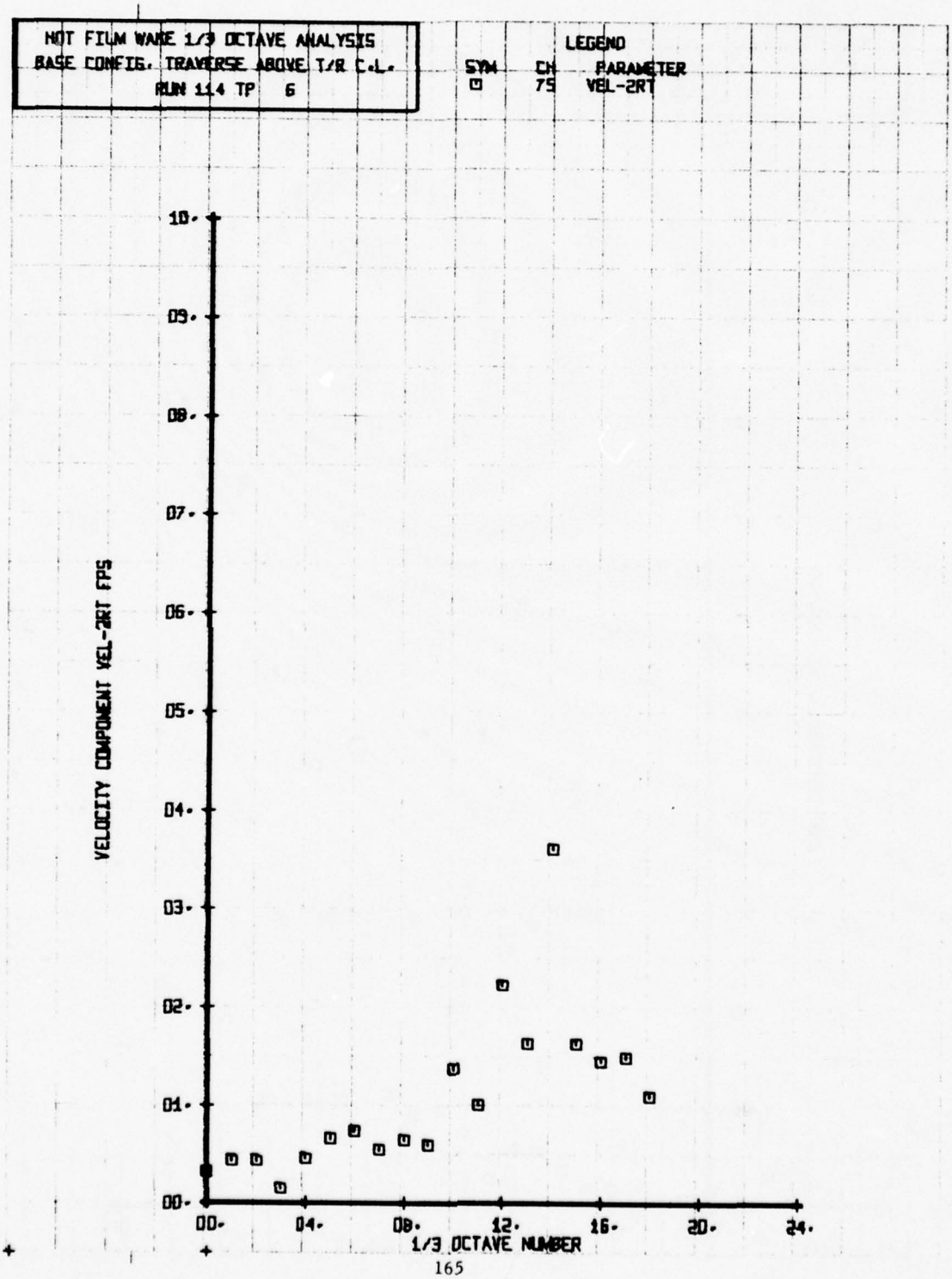

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 8
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

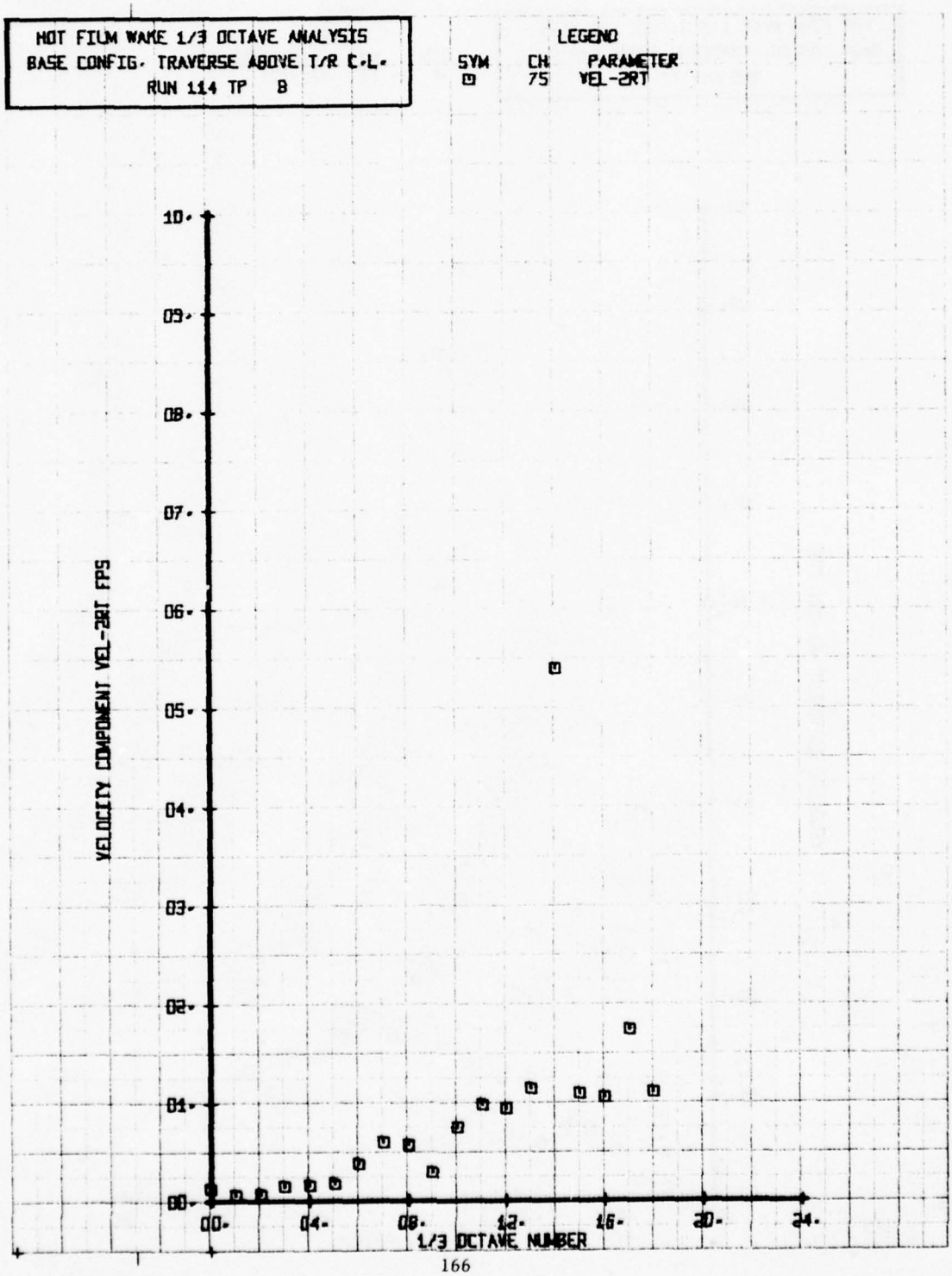

HOT FIUM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 10
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
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06.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 4
BVWT 169

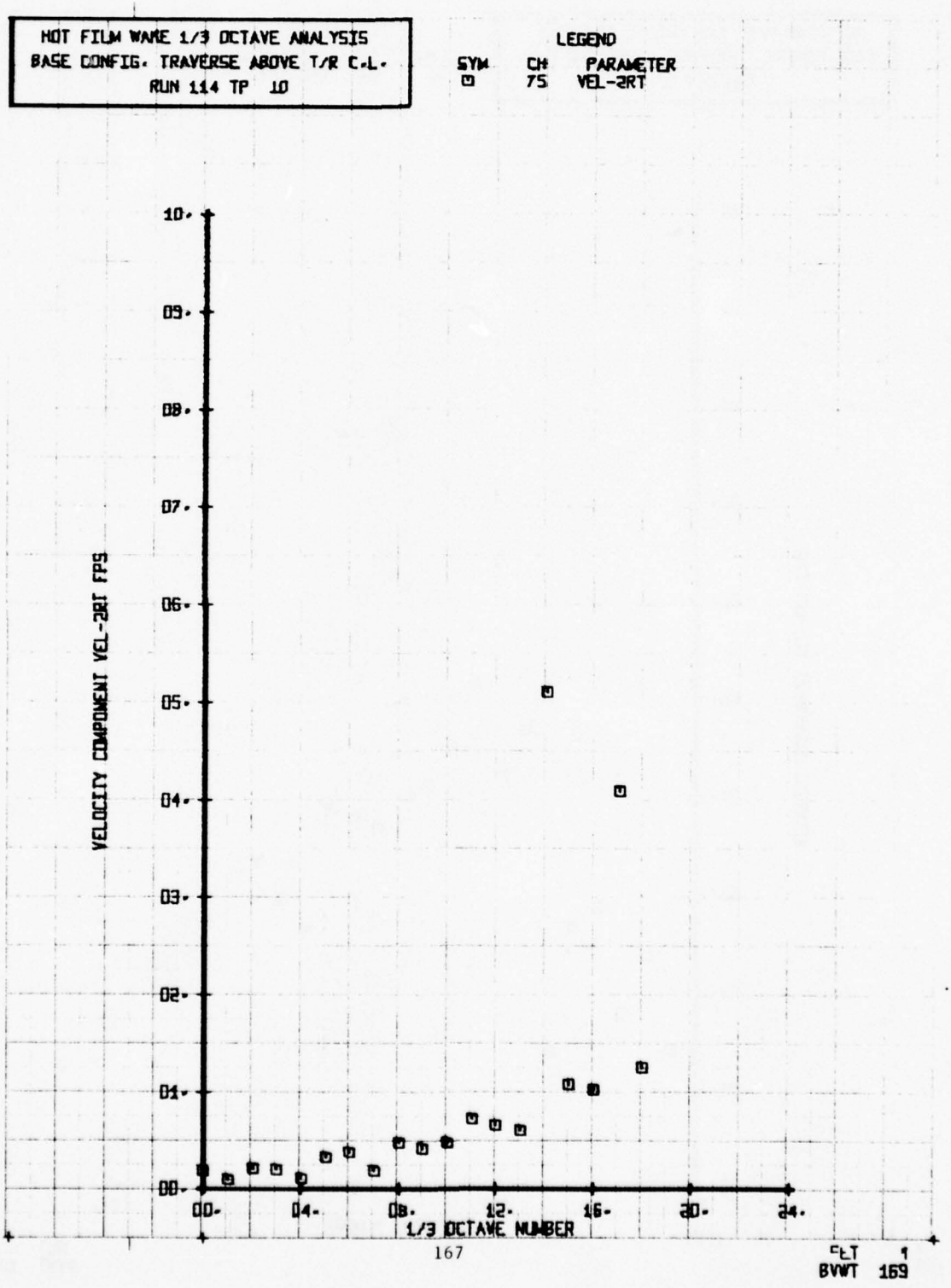

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 2
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-2RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 4
WT 169
SET 4
BVWT 169

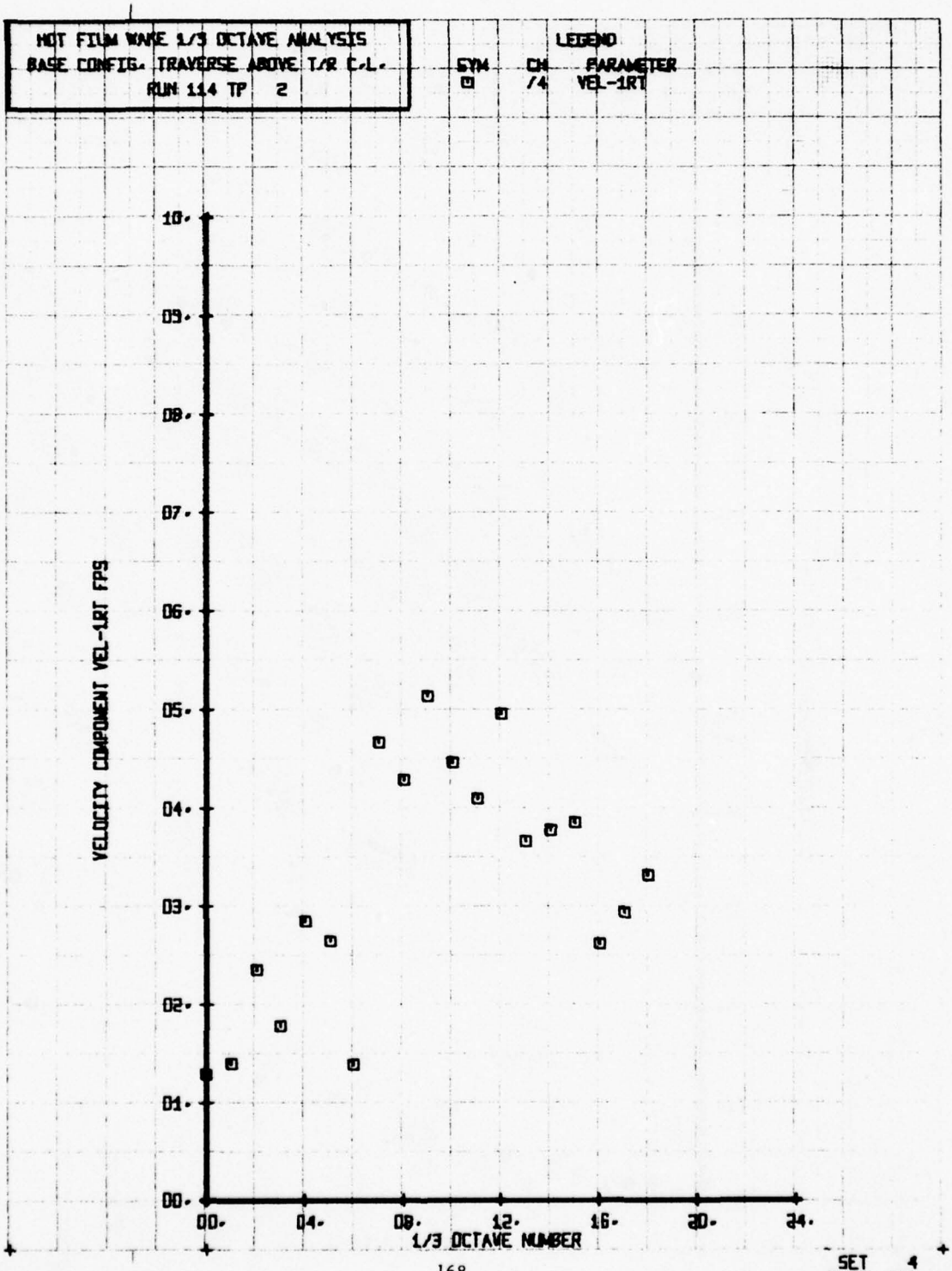

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 4
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
00.
04.
08.
12.
16.
20.
24.

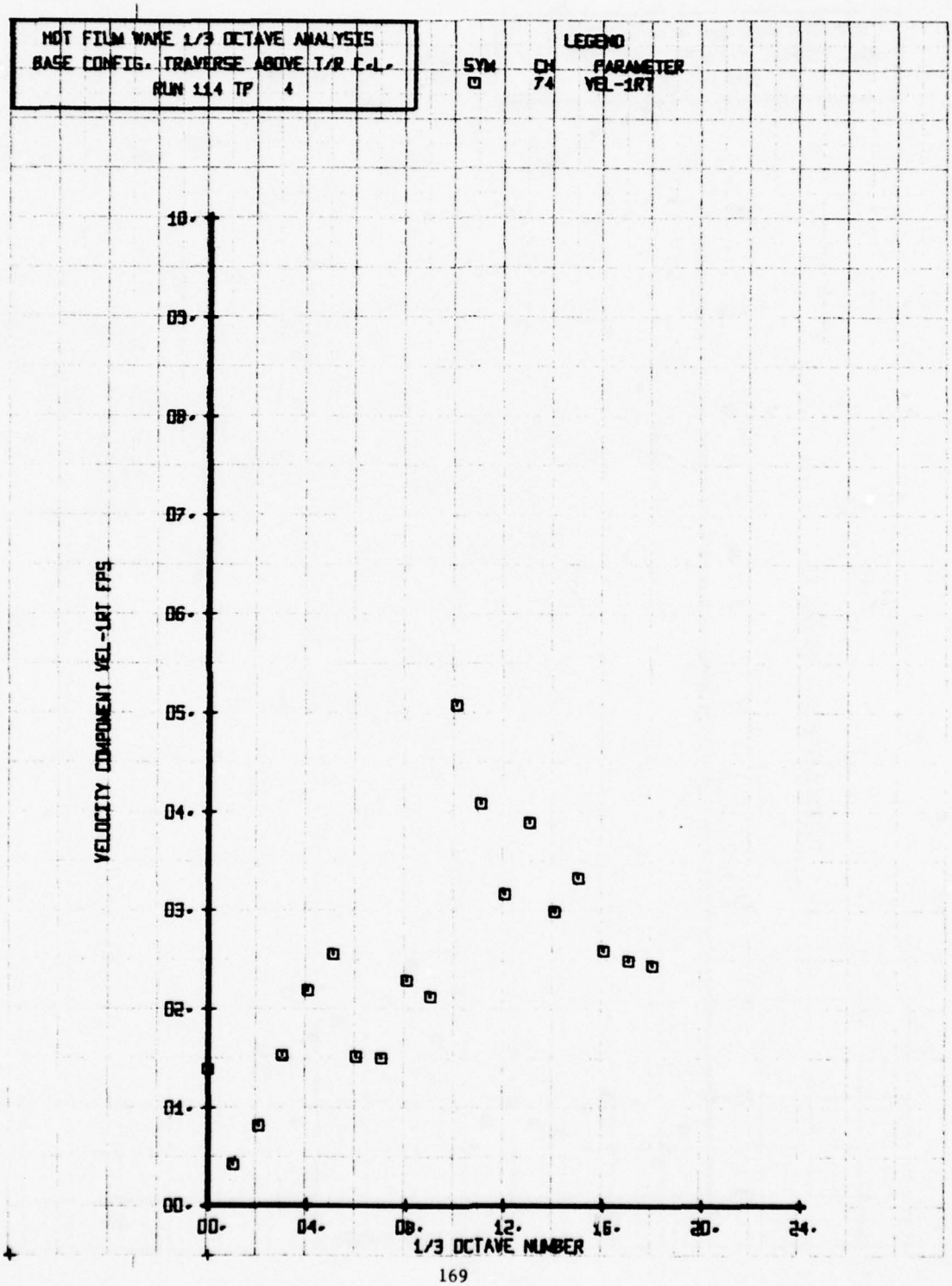
ET 4
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 6
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
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00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

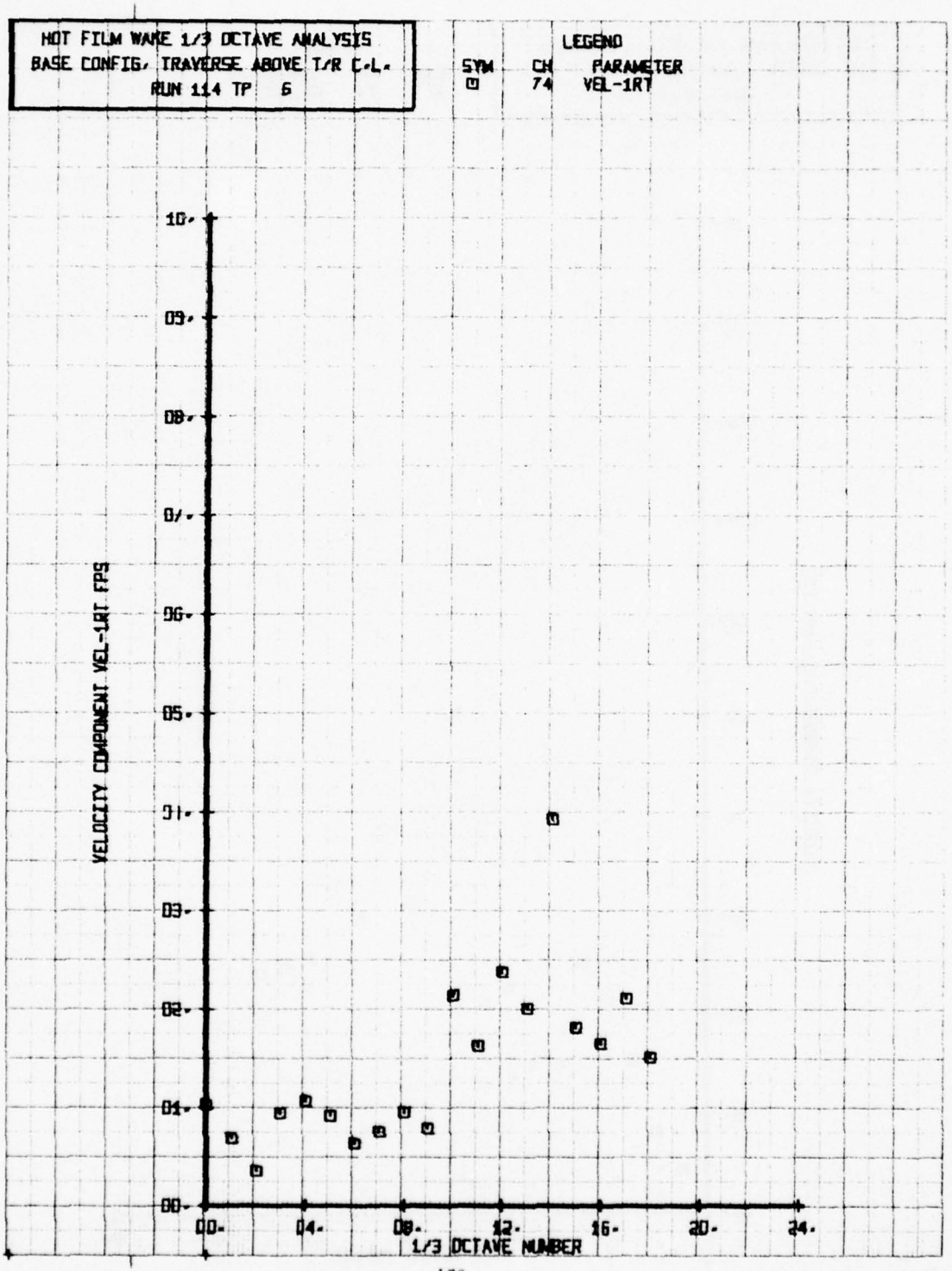

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 8
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-2RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

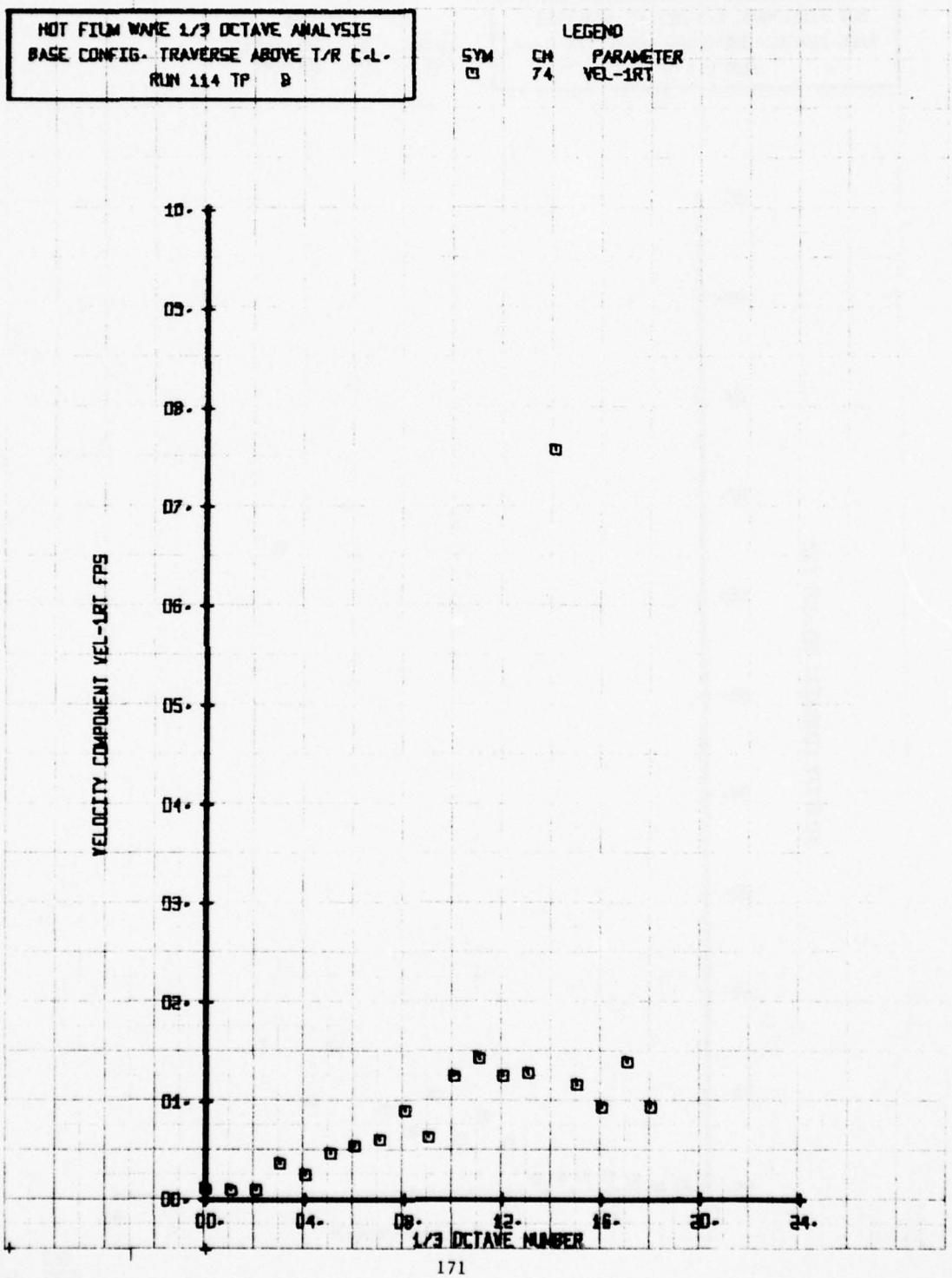

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 10
LEGEND
SYM CH# PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
08.
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06.
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03.
02.
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04.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER
CLT
BVWT 169

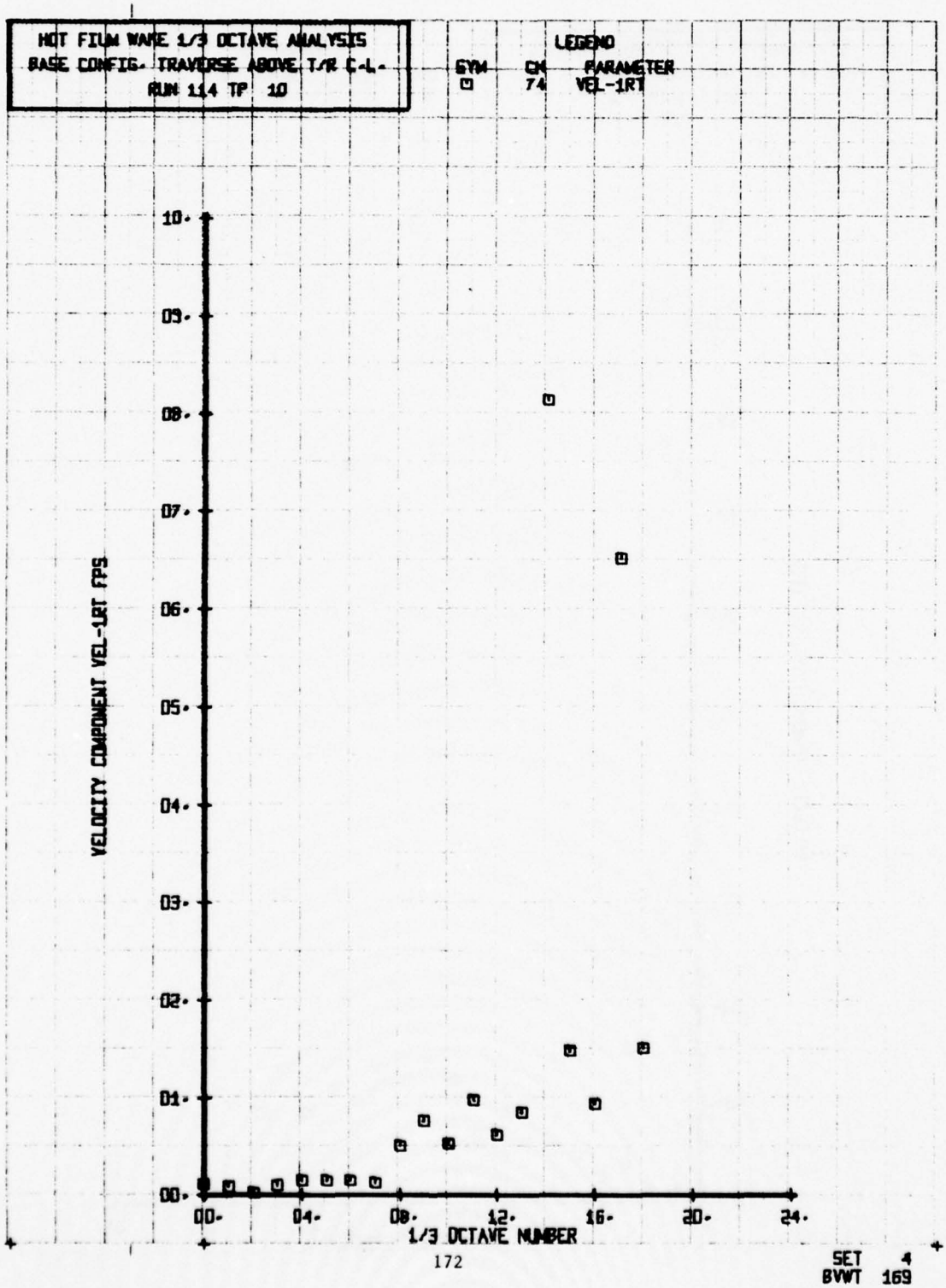

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 2
LEGEND
SYM CH PARAMETER
/4 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
00.
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08.
09.
10.
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 4
WT 169
SET 4
BWT 169

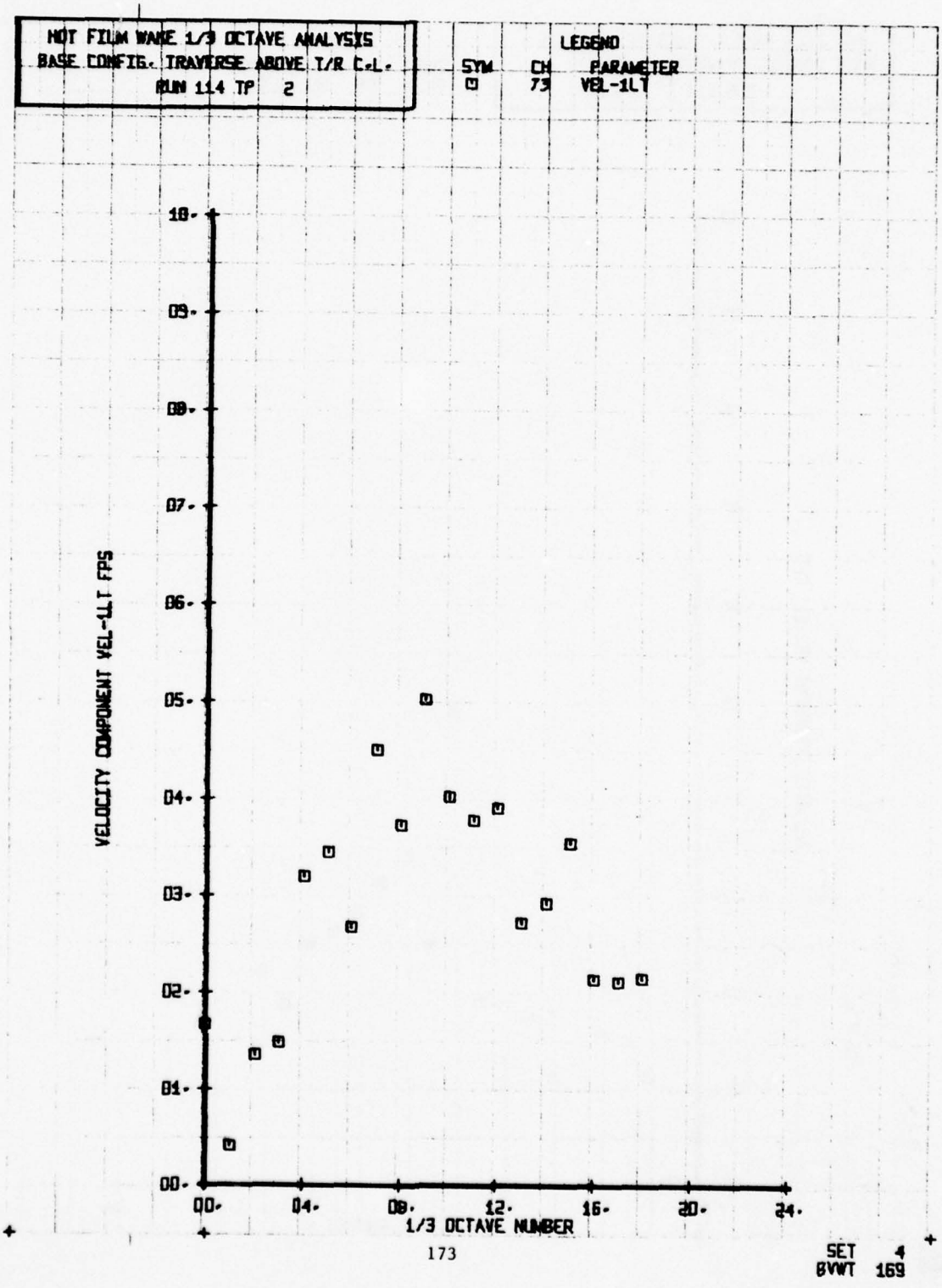

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 4
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
09.
08.
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06.
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04.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

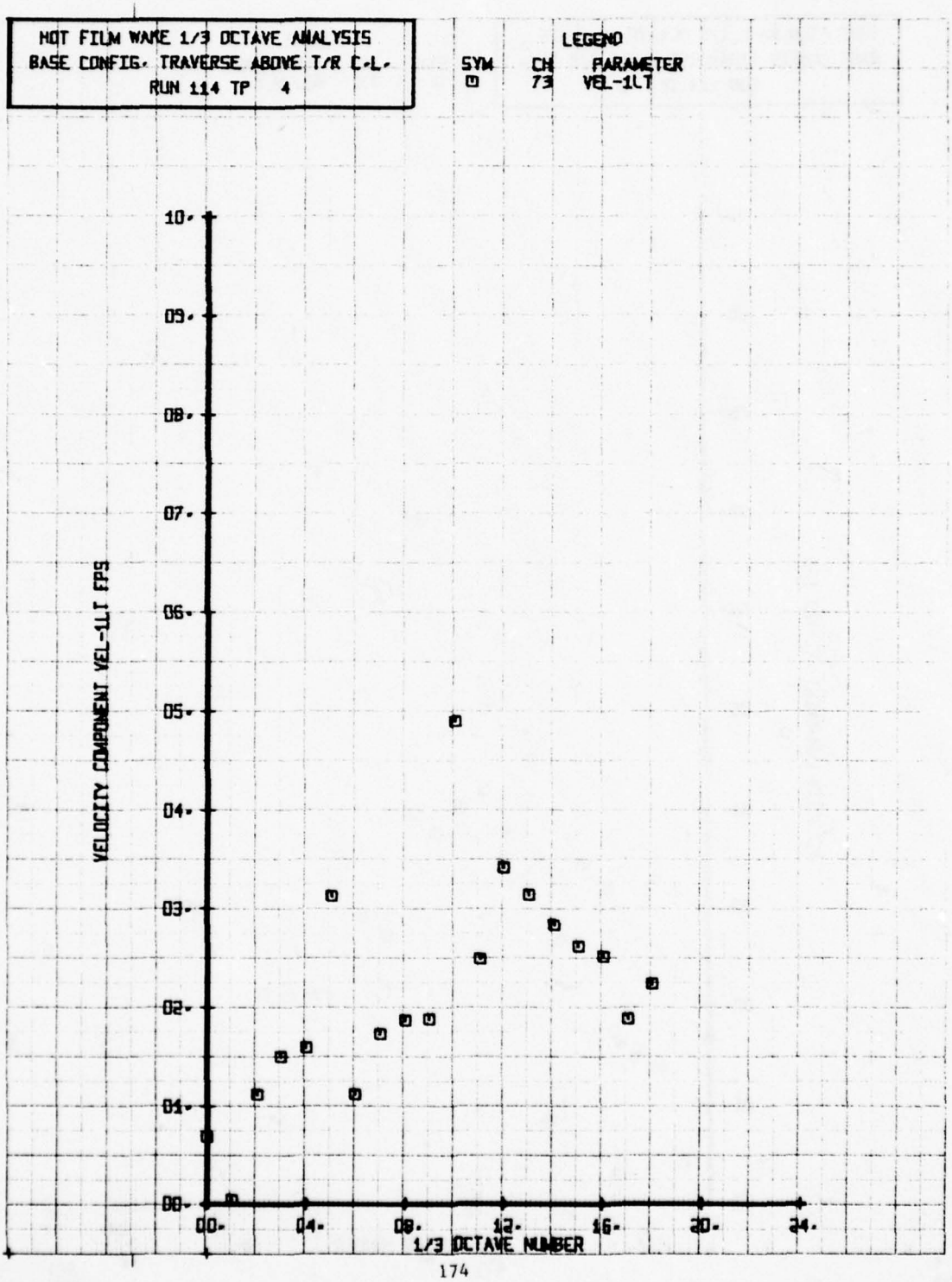
ET 4
NT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG, TRAVERSE ABOVE T/R C.L.
RUN 114 TP 6
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
1/3 OCTAVE NUMBER
00.
04.
08.
12.
16.
20.
24.

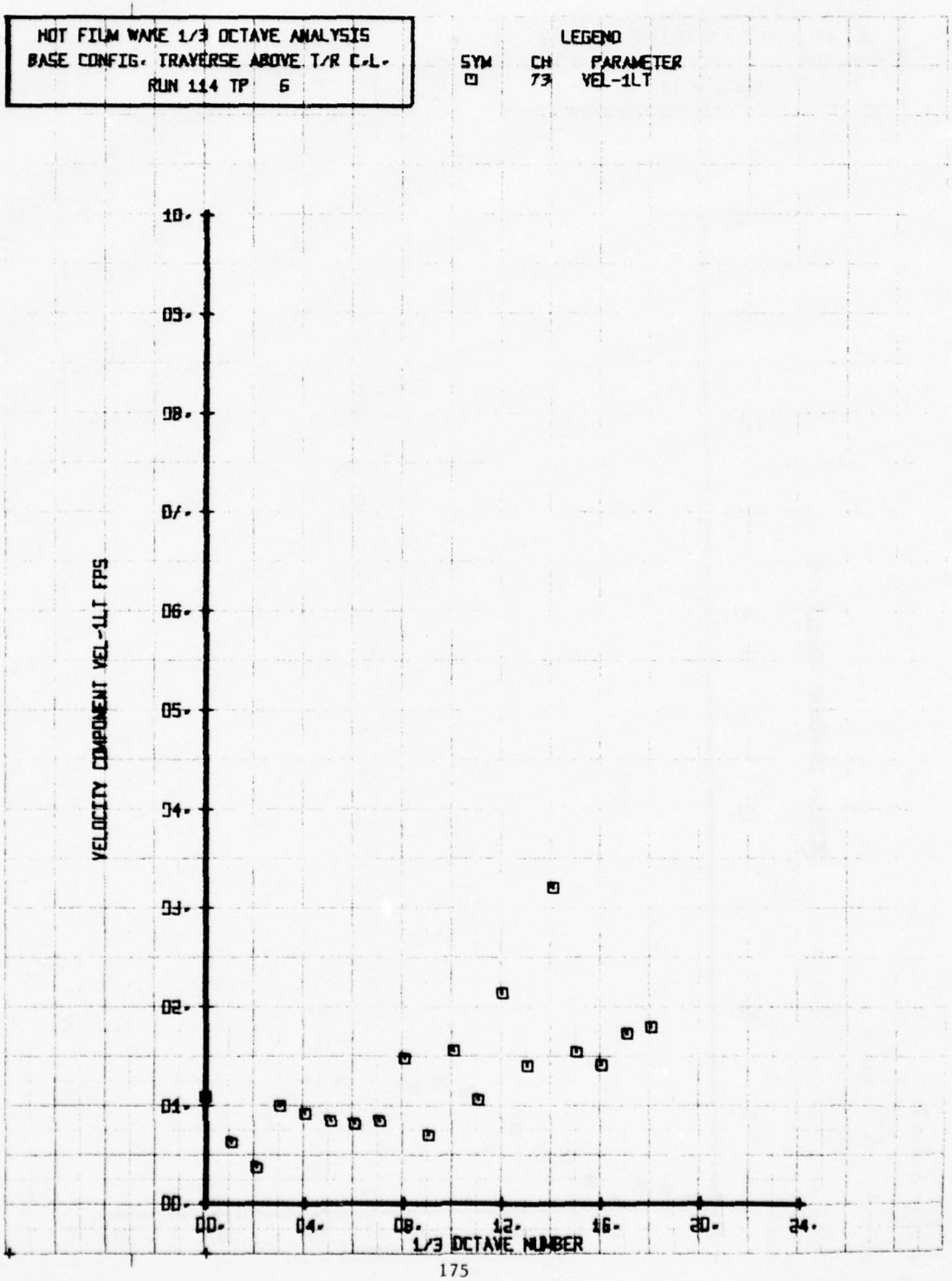

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG- TRAVERSE ABOVE T/R C-L-
RUN 114 TP 8
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10-
09-
08-
07-
06-
05-
04-
03-
02-
01-
00-
VELOCITY COMPONENT VEL-1RT FPS
00-
04-
08-
12-
16-
20-
24-
1/3 OCTAVE NUMBER

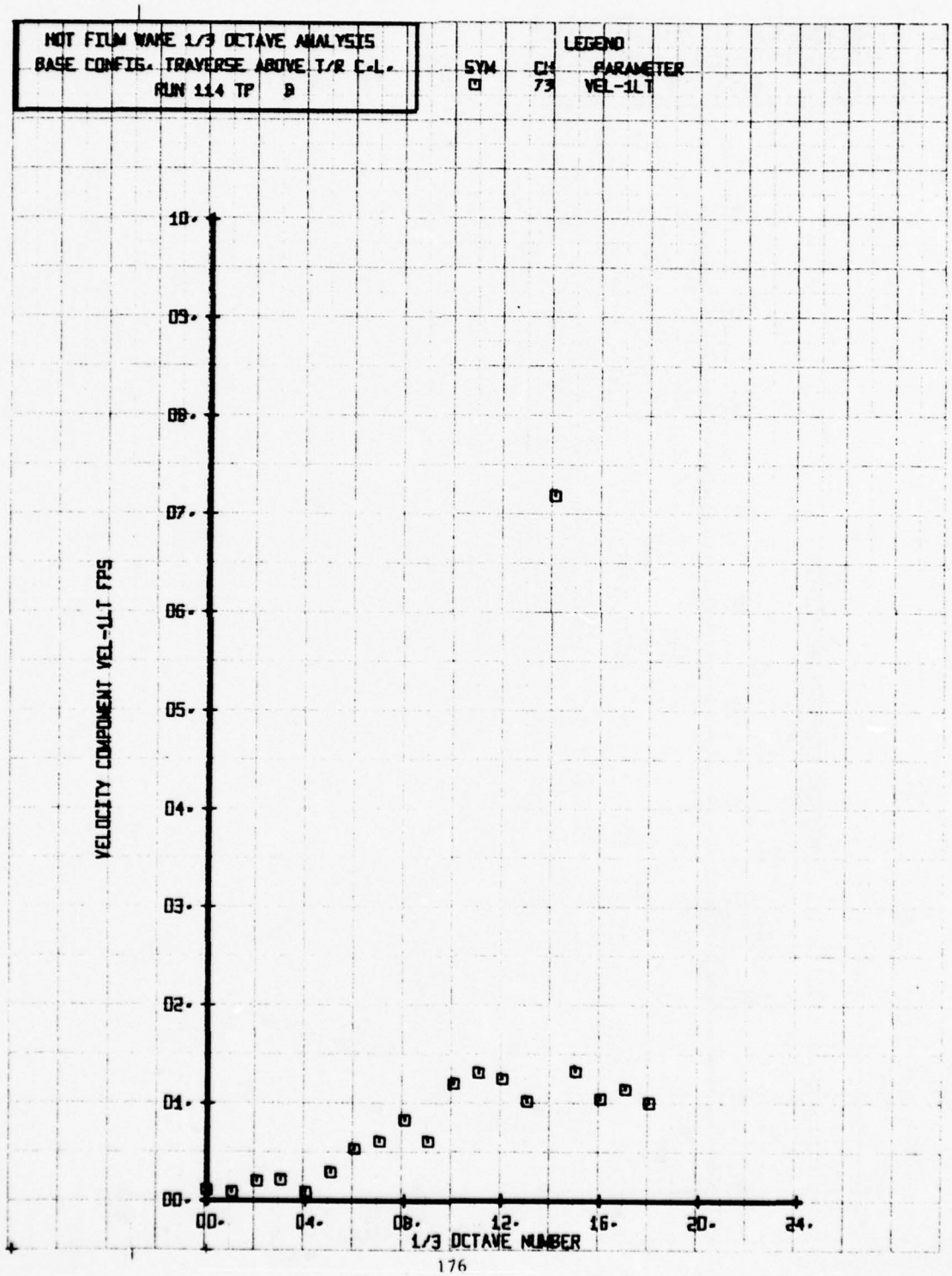

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C-L-
RUN 114 TP 10
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
09.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 4
BWT 169

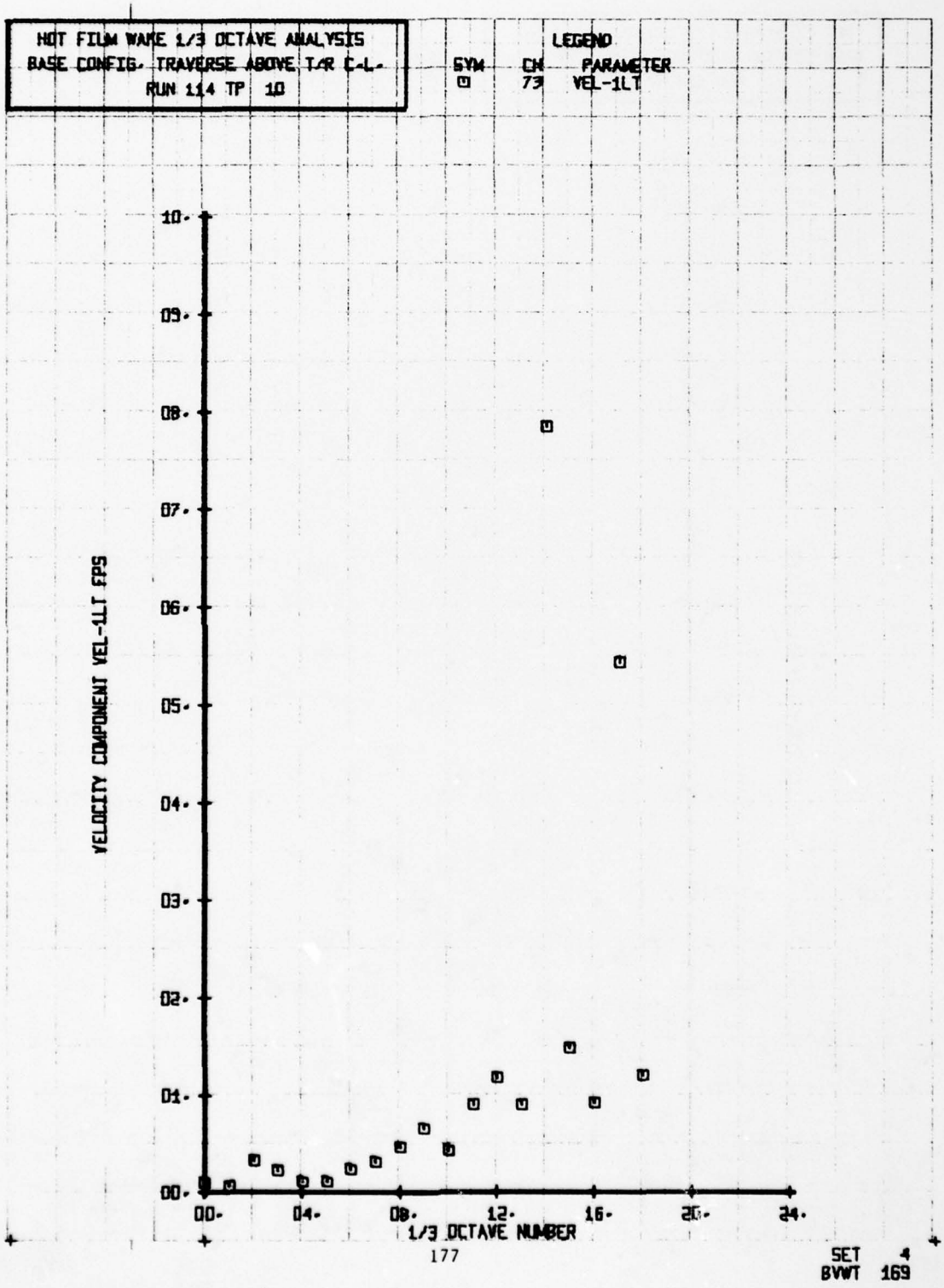

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 2
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
1/3 OCTAVE NUMBER
10.
09.
08.
07.
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04.
08.
12.
16.
20.
24.
SET 4
WT 169
SET 4
BVWT 169

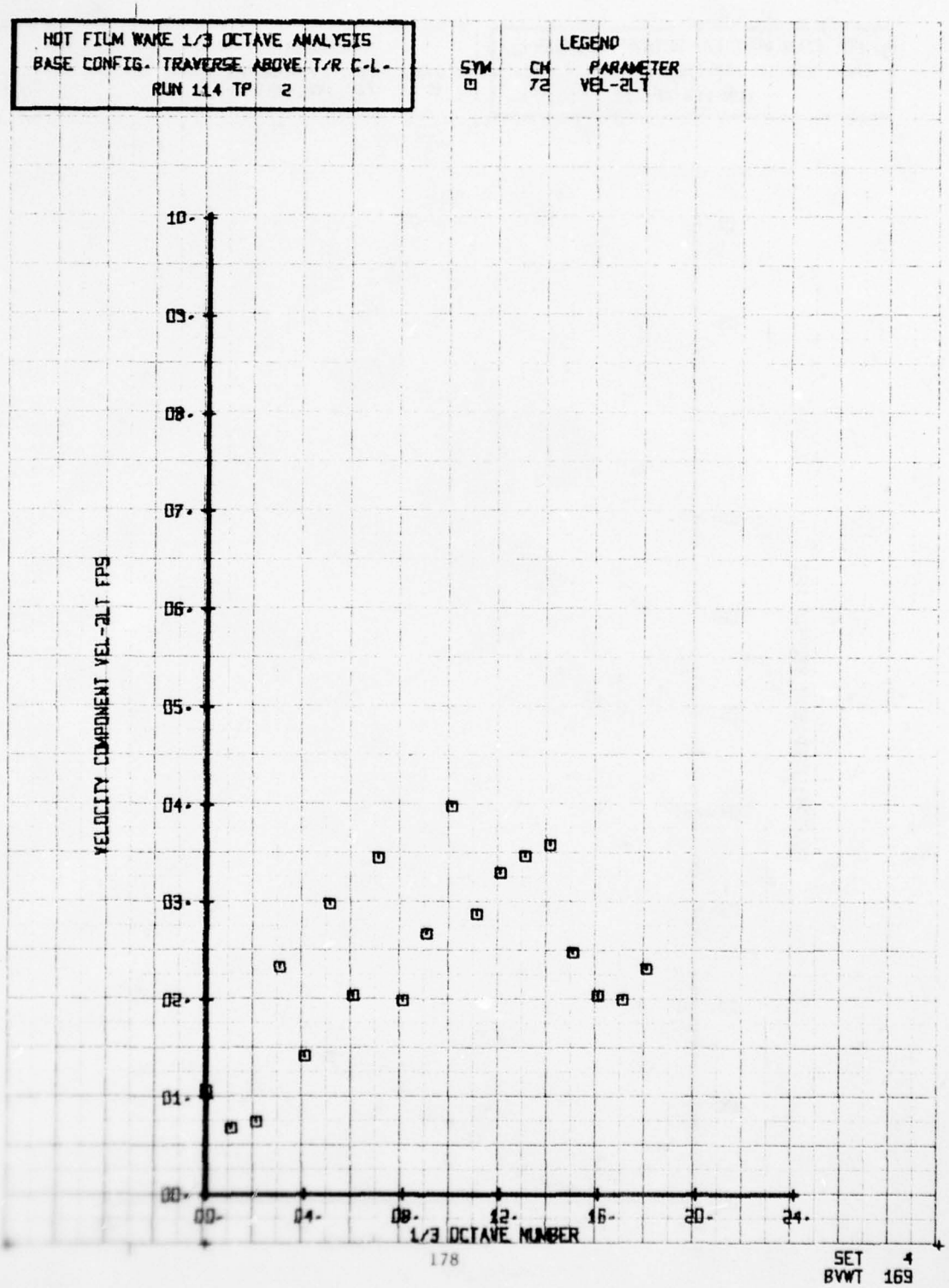

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 4
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
09.
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20.
24.
1/3 OCTAVE NUMBER

ET 4
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 6
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
1/3 OCTAVE NUMBER
00.
04.
08.
12.
16.
20.
24.


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 8
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
09.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

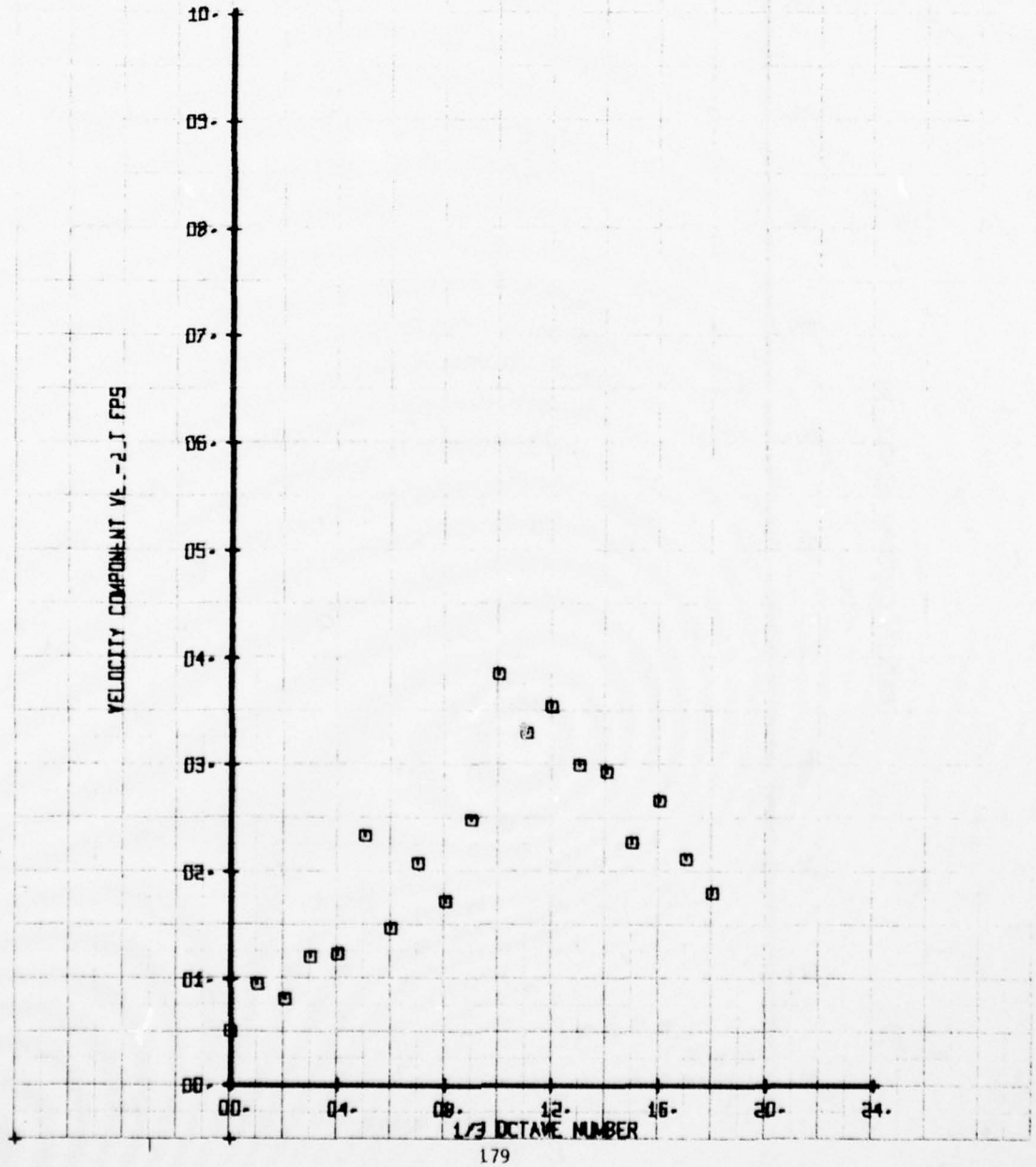

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T.R C-L-
RUN 114 TP 10
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 4
BWT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C-L-
RUN 114 TP 2
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
09.
08.
07.
06.
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03.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 4
BVWT 169

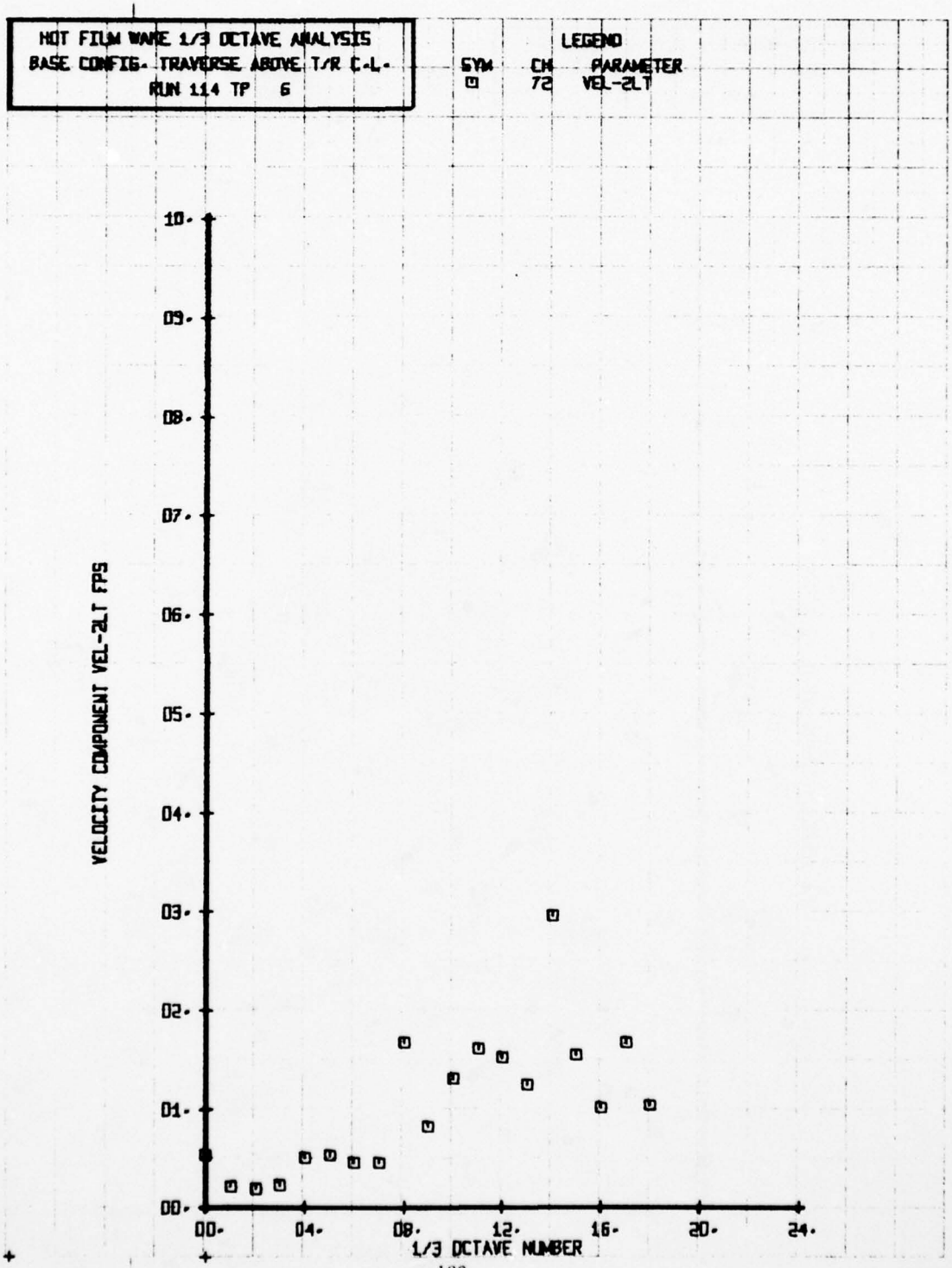
HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C-L-
RUN 114 TP 4

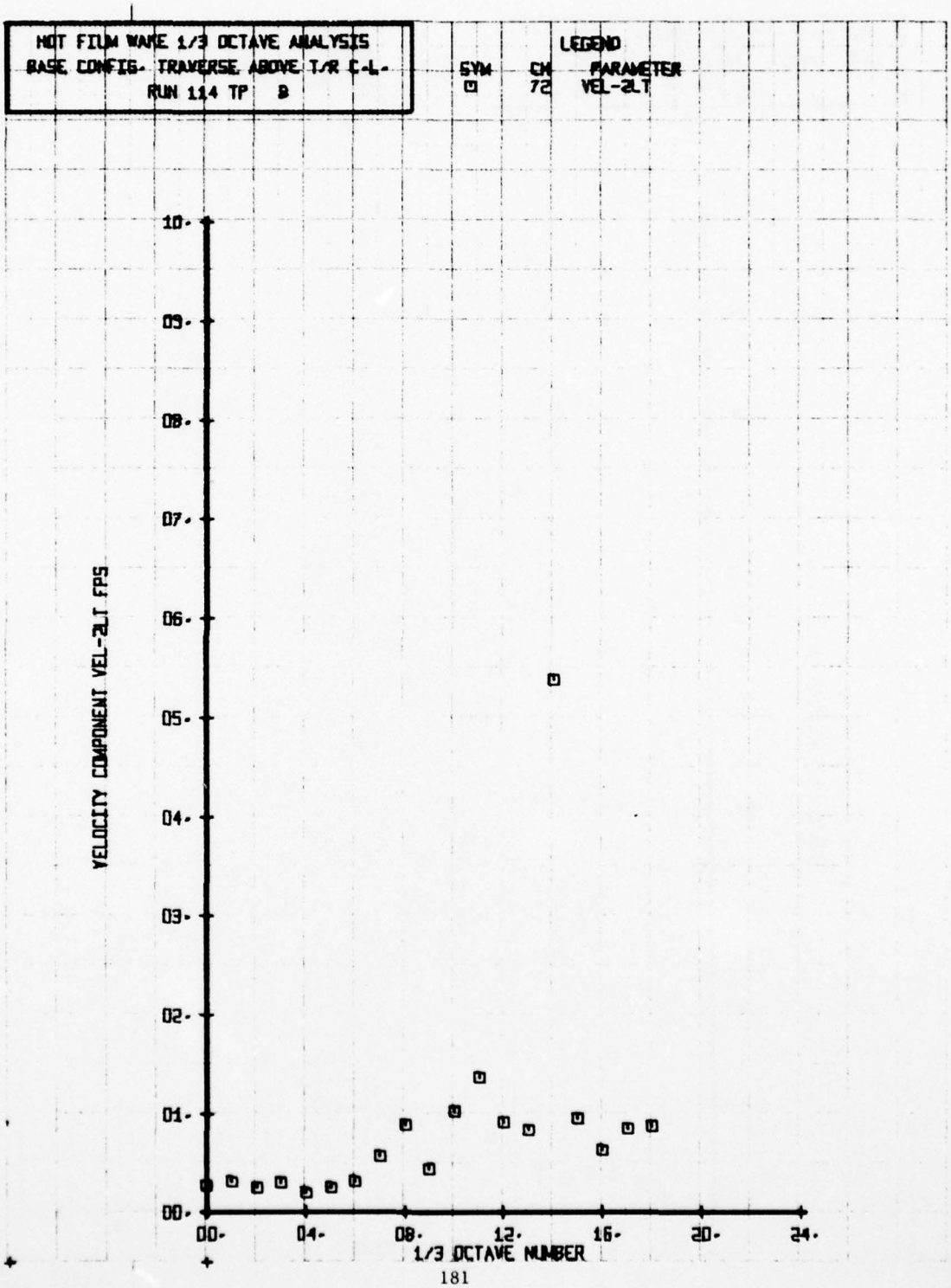
LEGEND

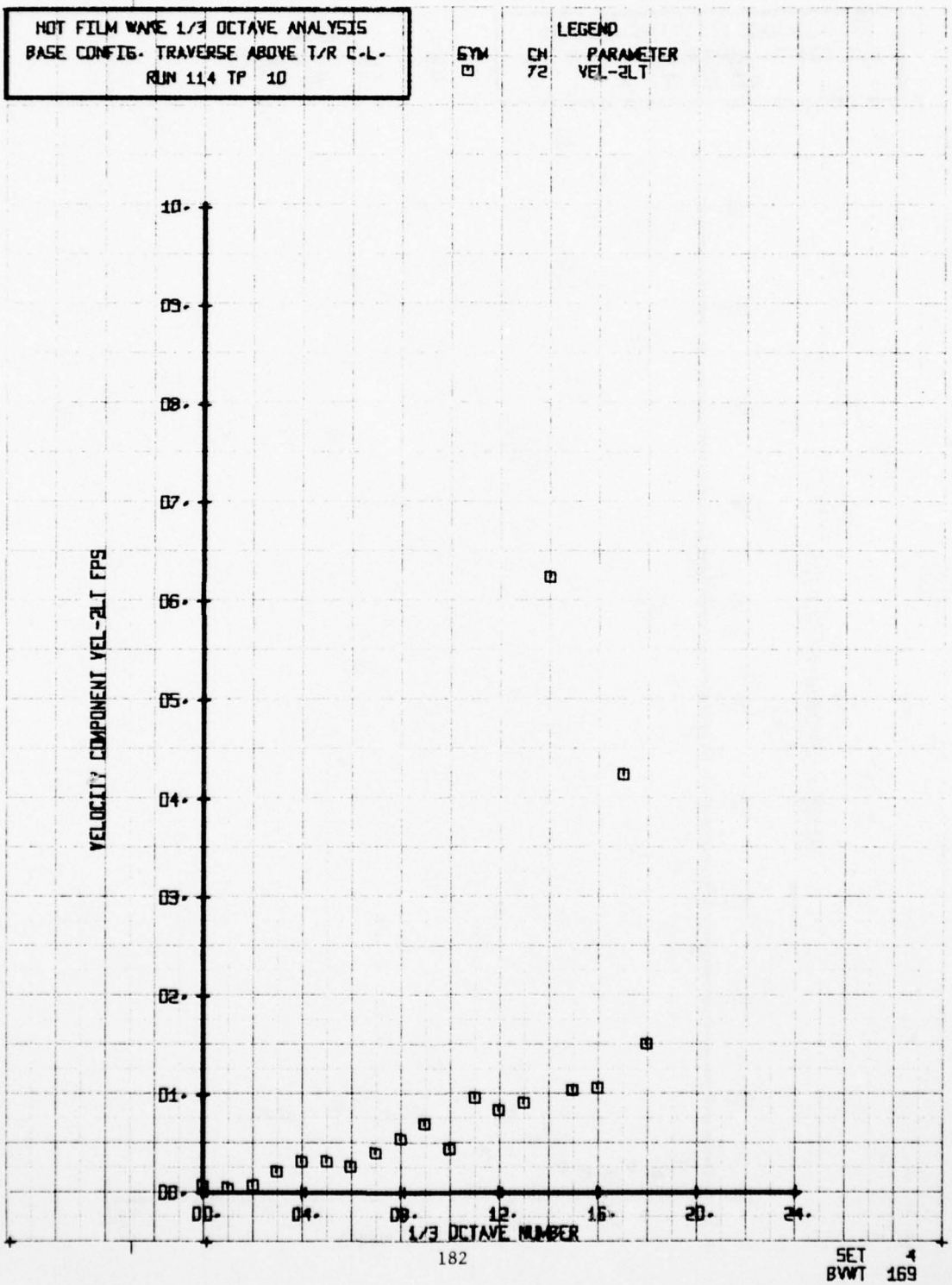
SYM	CH	PARAMETER
□	72	VEL-2LT

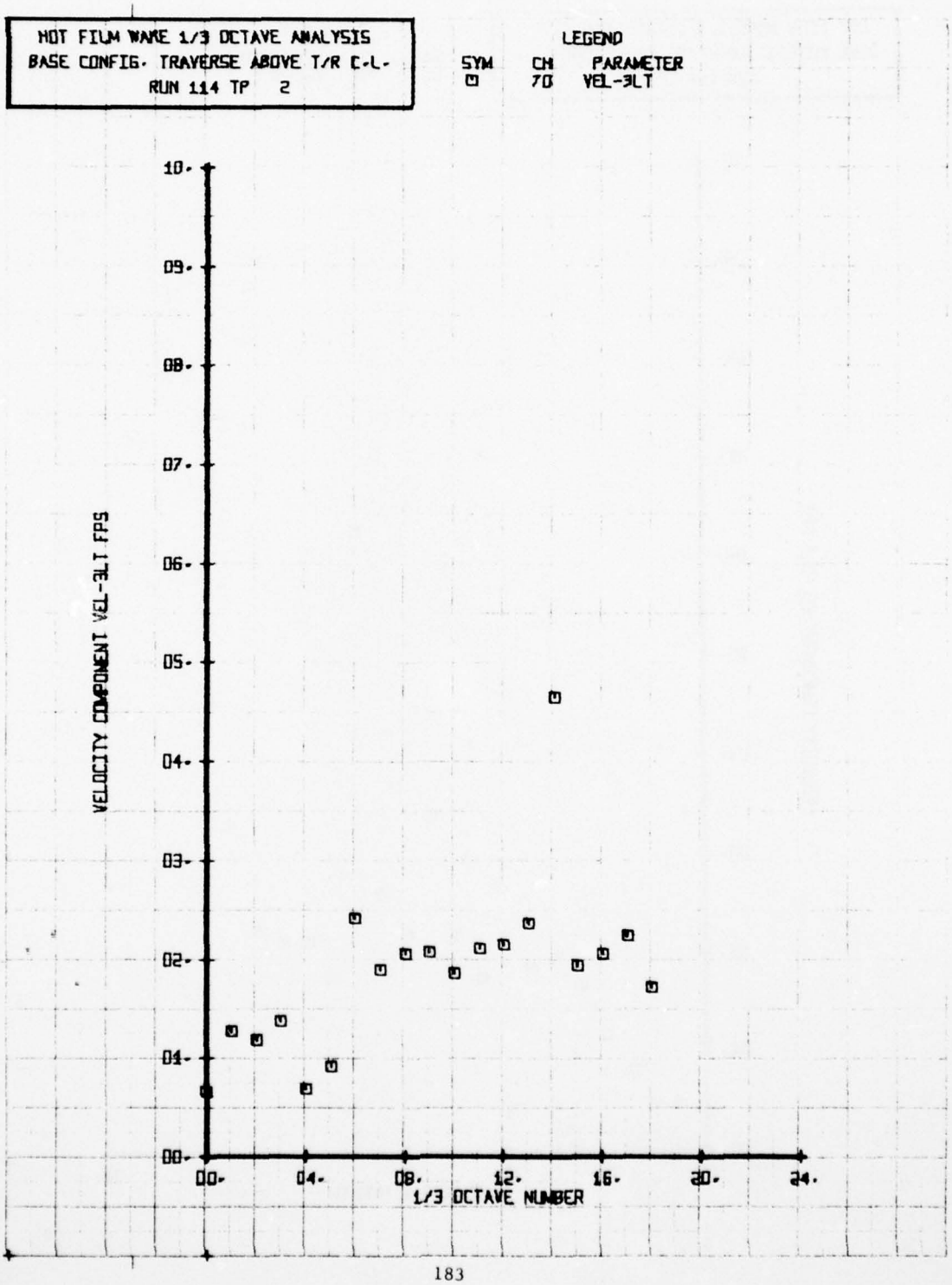


ET
WT 169

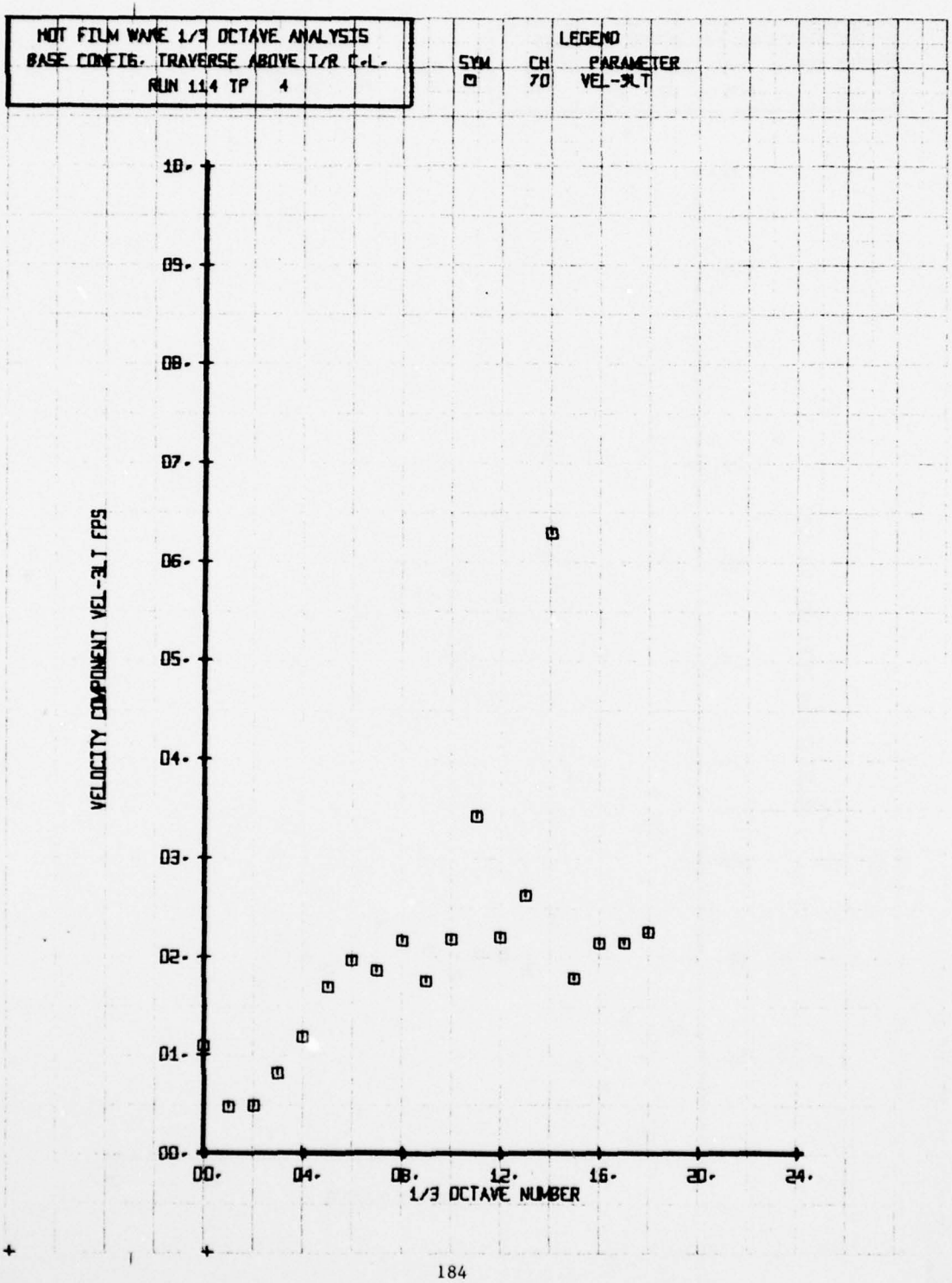

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG- TRAVERSE ABOVE T/R C-L-
RUN 114 TP 6
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
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1/3 OCTAVE NUMBER

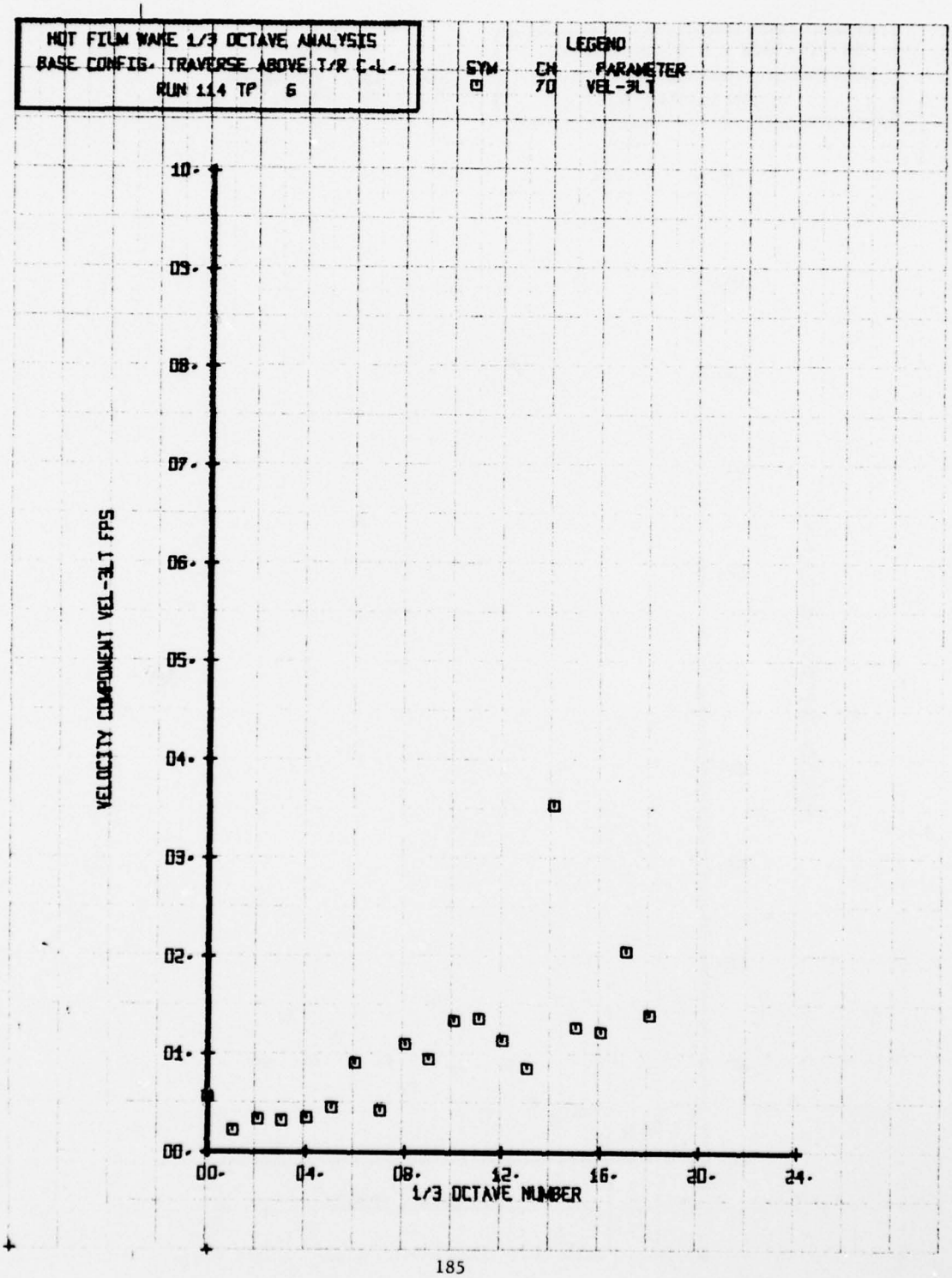

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG- TRAVERSE ABOVE T/R C-L-
RUN 114 TP 8
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

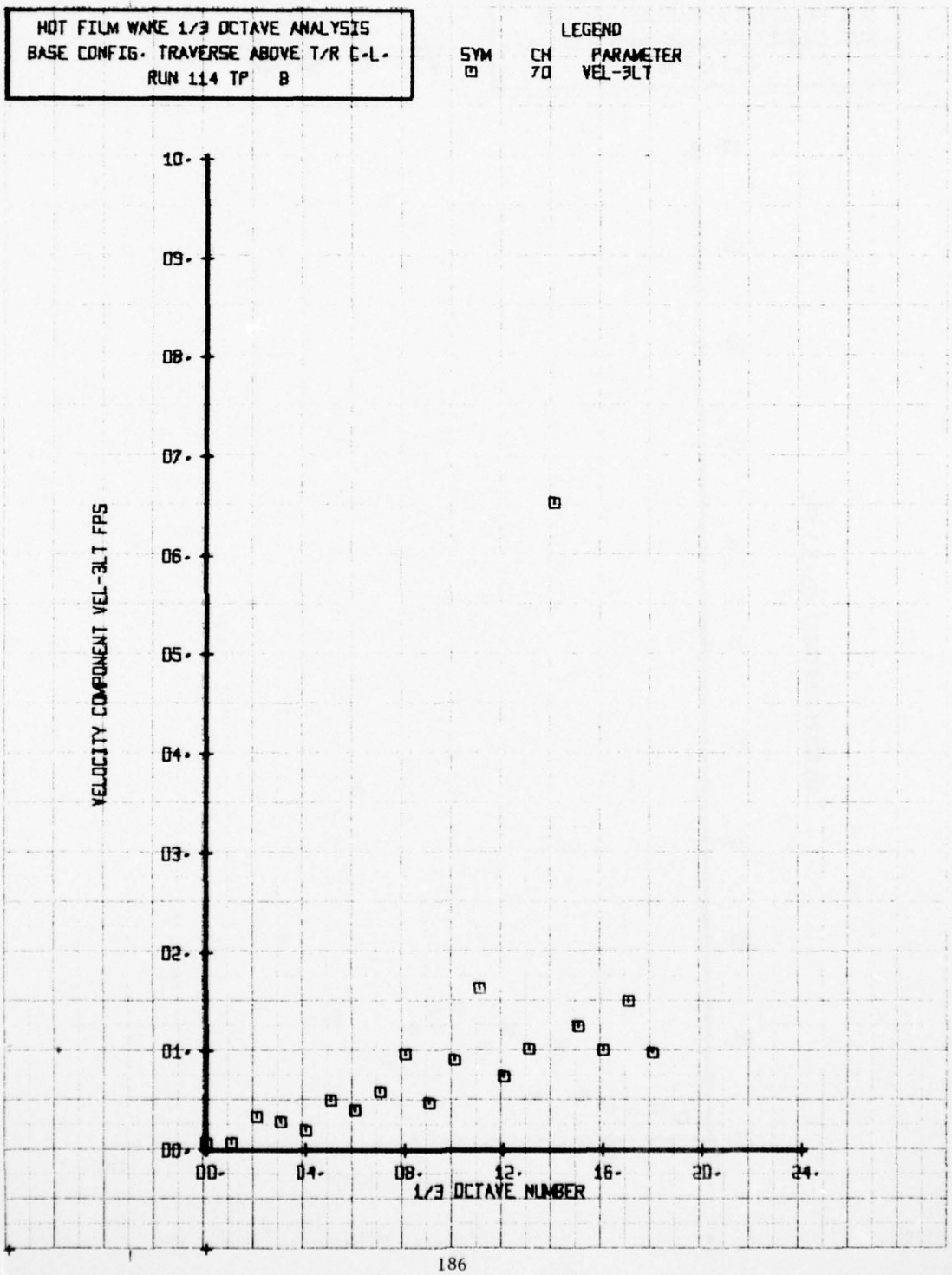

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C-L-
RUN 114 TP 10
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER
SET 4
BVWT 169

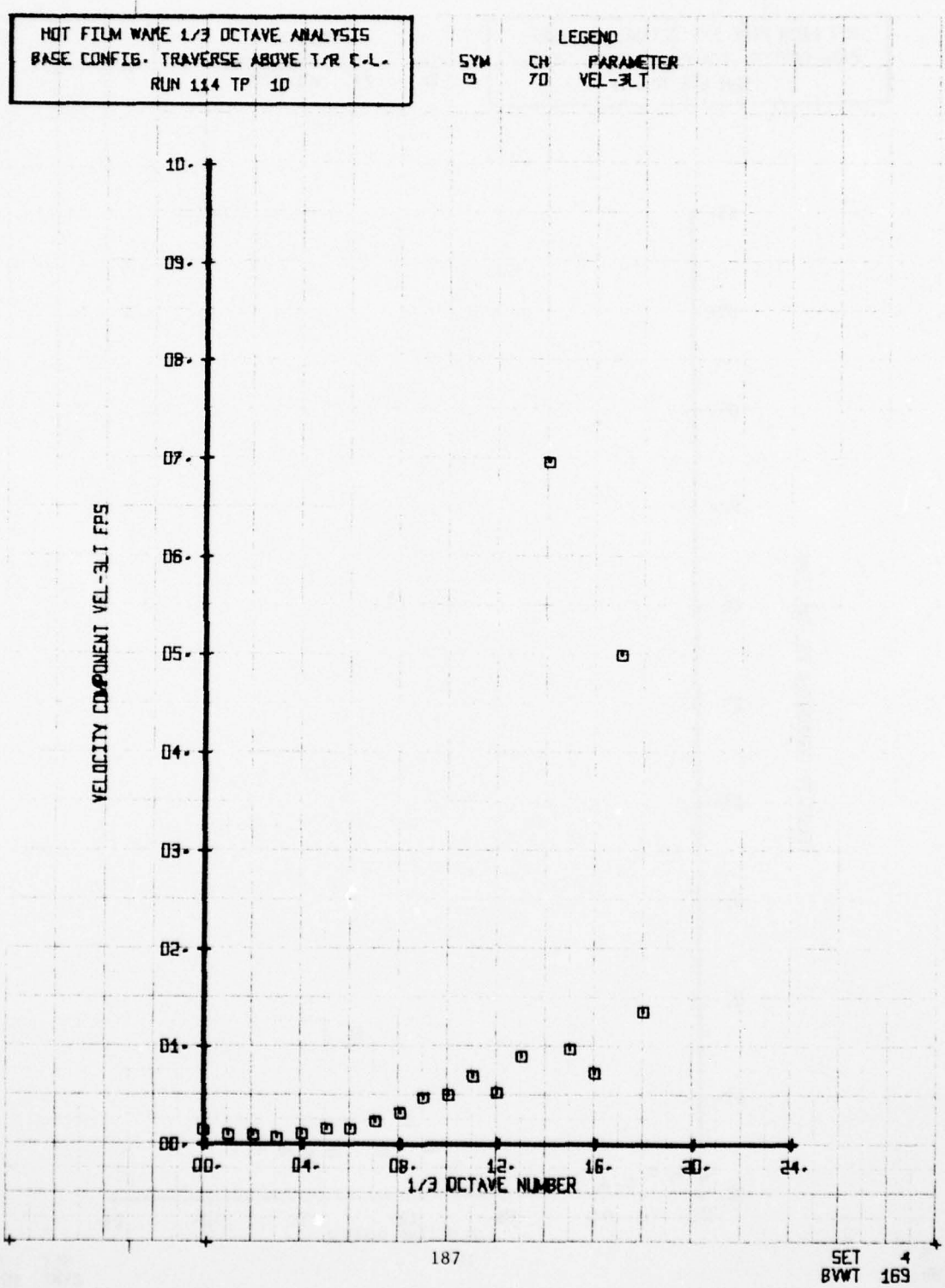

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C-L-
RUN 114 TP 2
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER

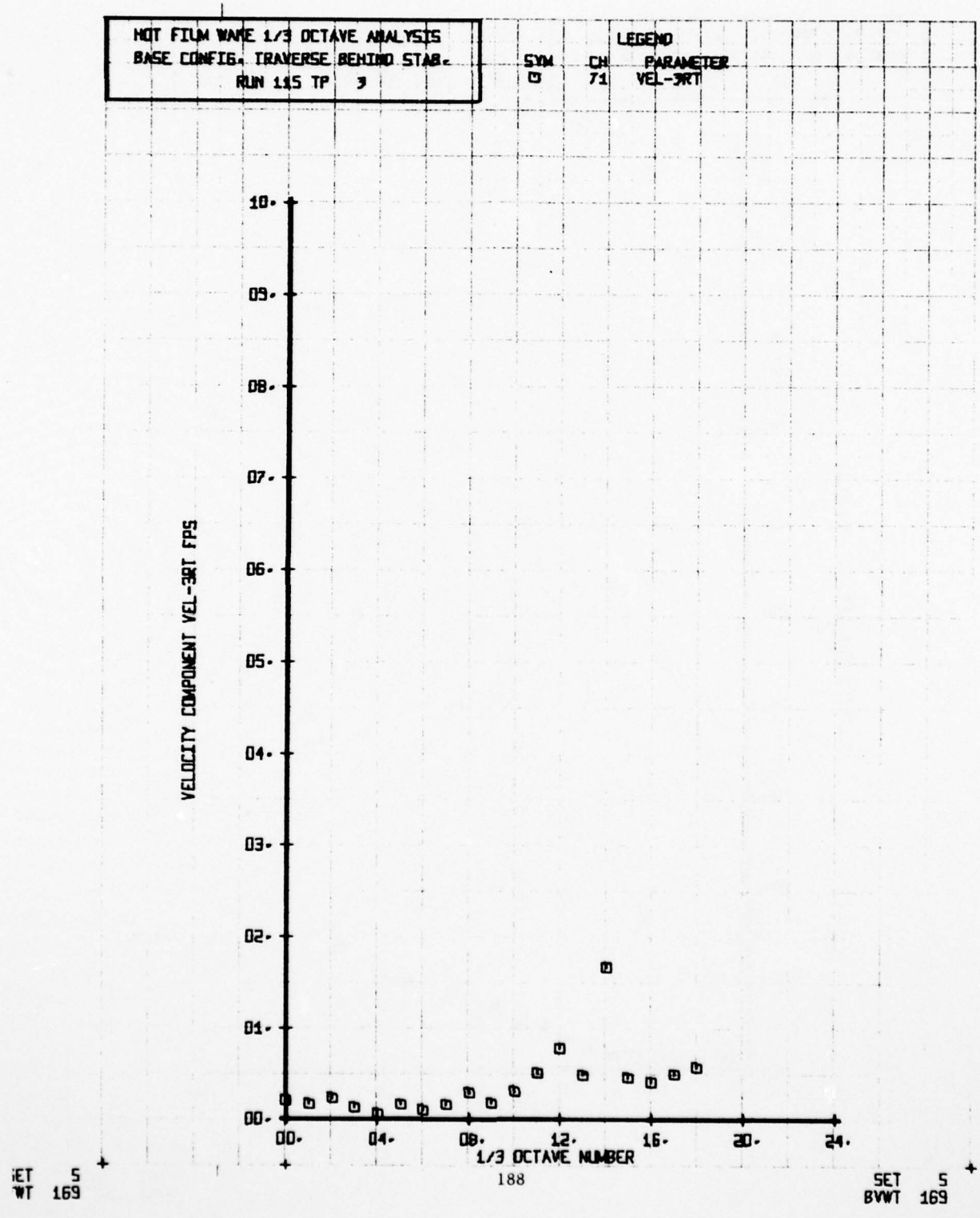
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WT 169

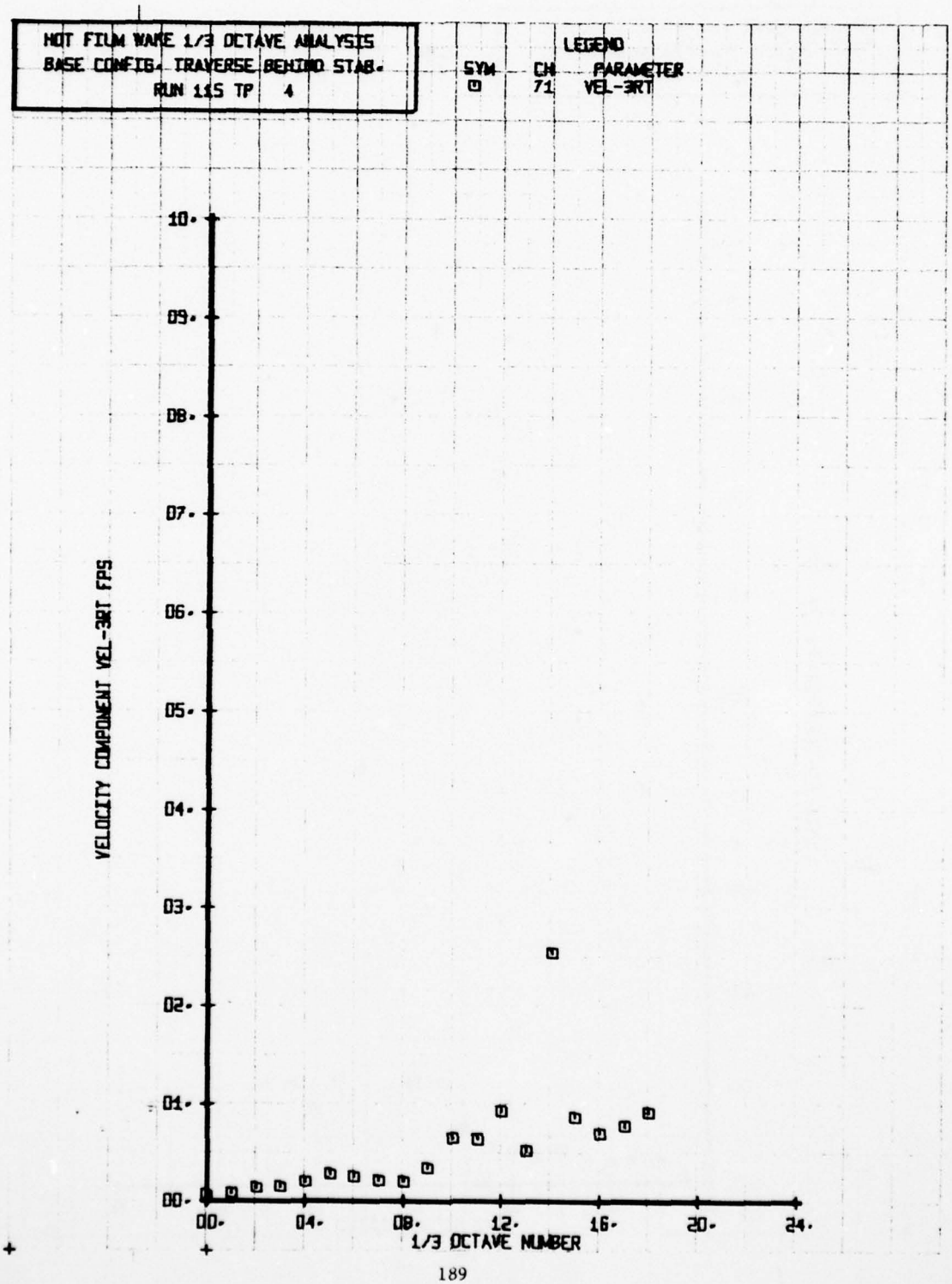

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 4
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 6
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER

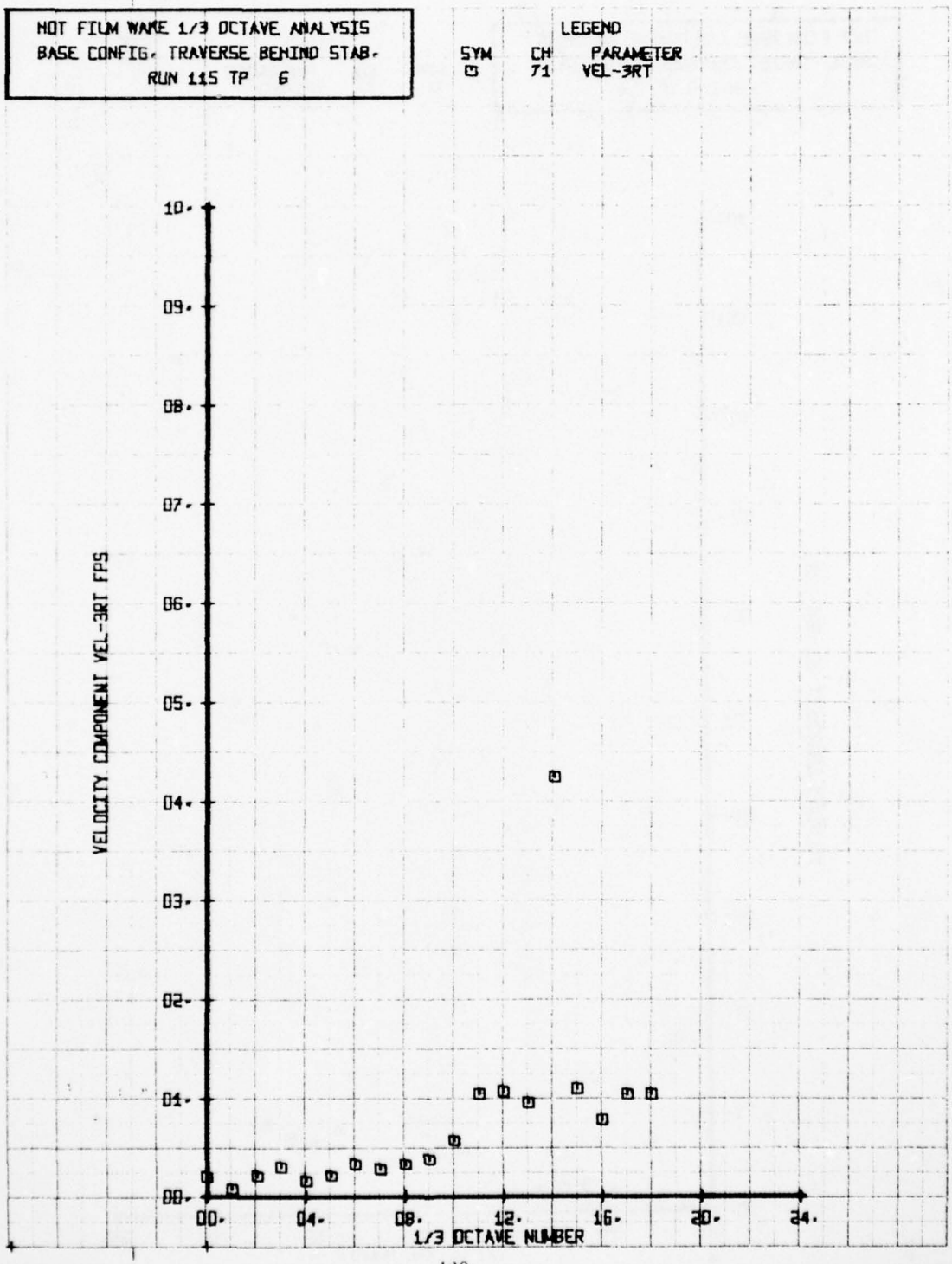

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C-L-
RUN 114 TP 8
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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20.
24.
1/3 OCTAVE NUMBER

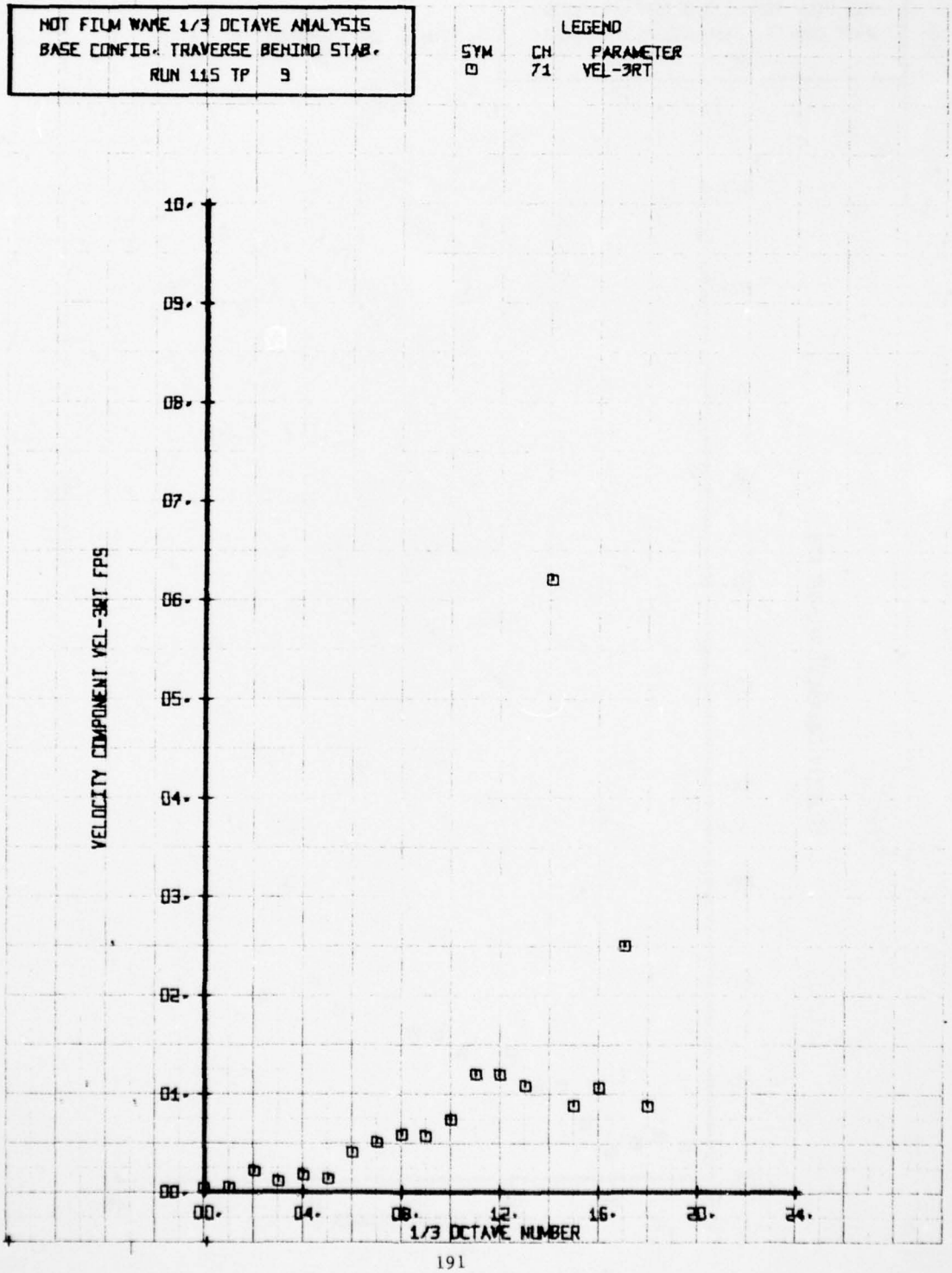

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE ABOVE T/R C.L.
RUN 114 TP 1D
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
10.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 4
BVWT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 3
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
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02.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 5
WT 169
SET 5
BVWT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 4
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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16.
20.
24.
1/3 OCTAVE NUMBER

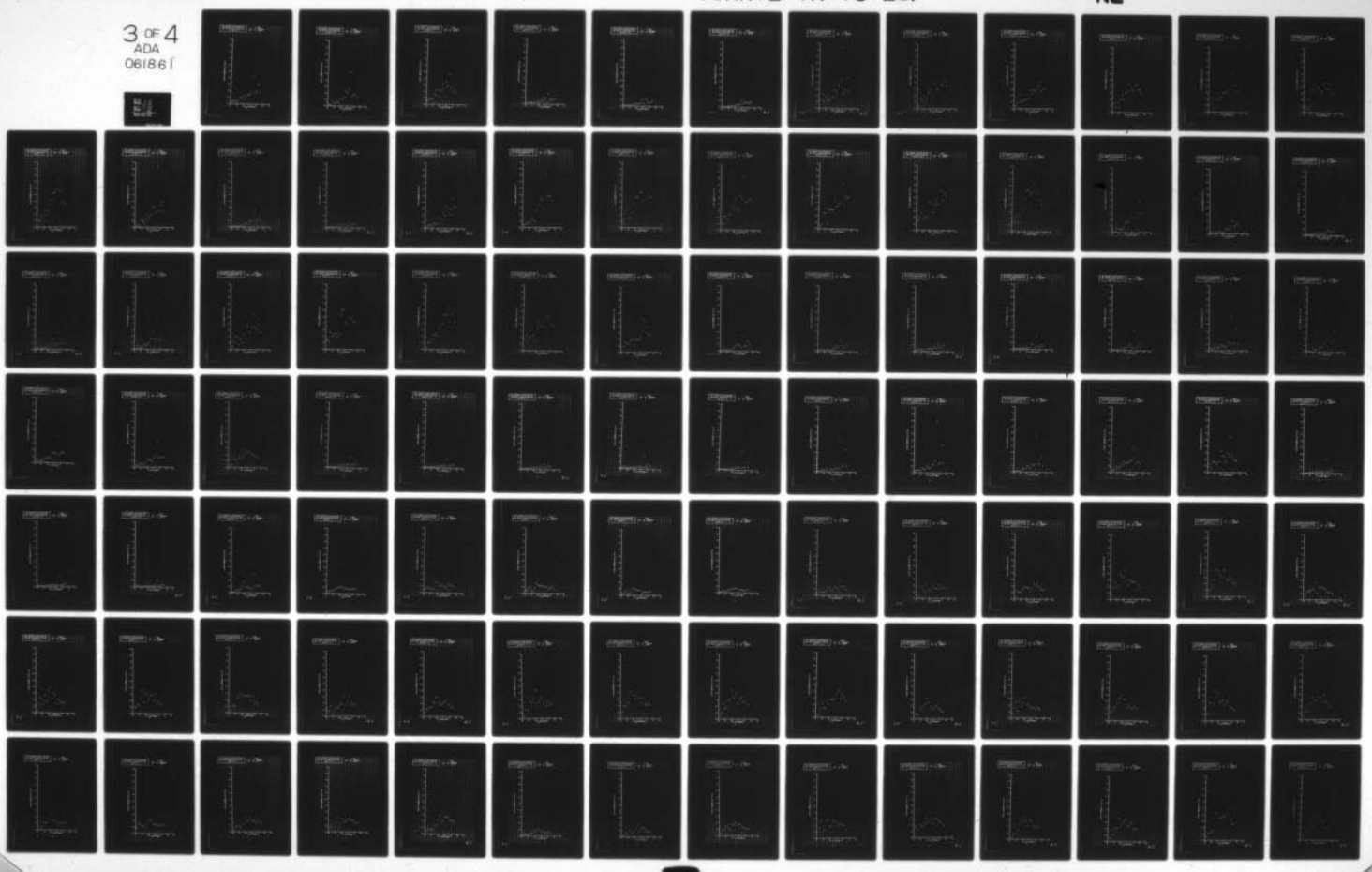
ET 5
T 169

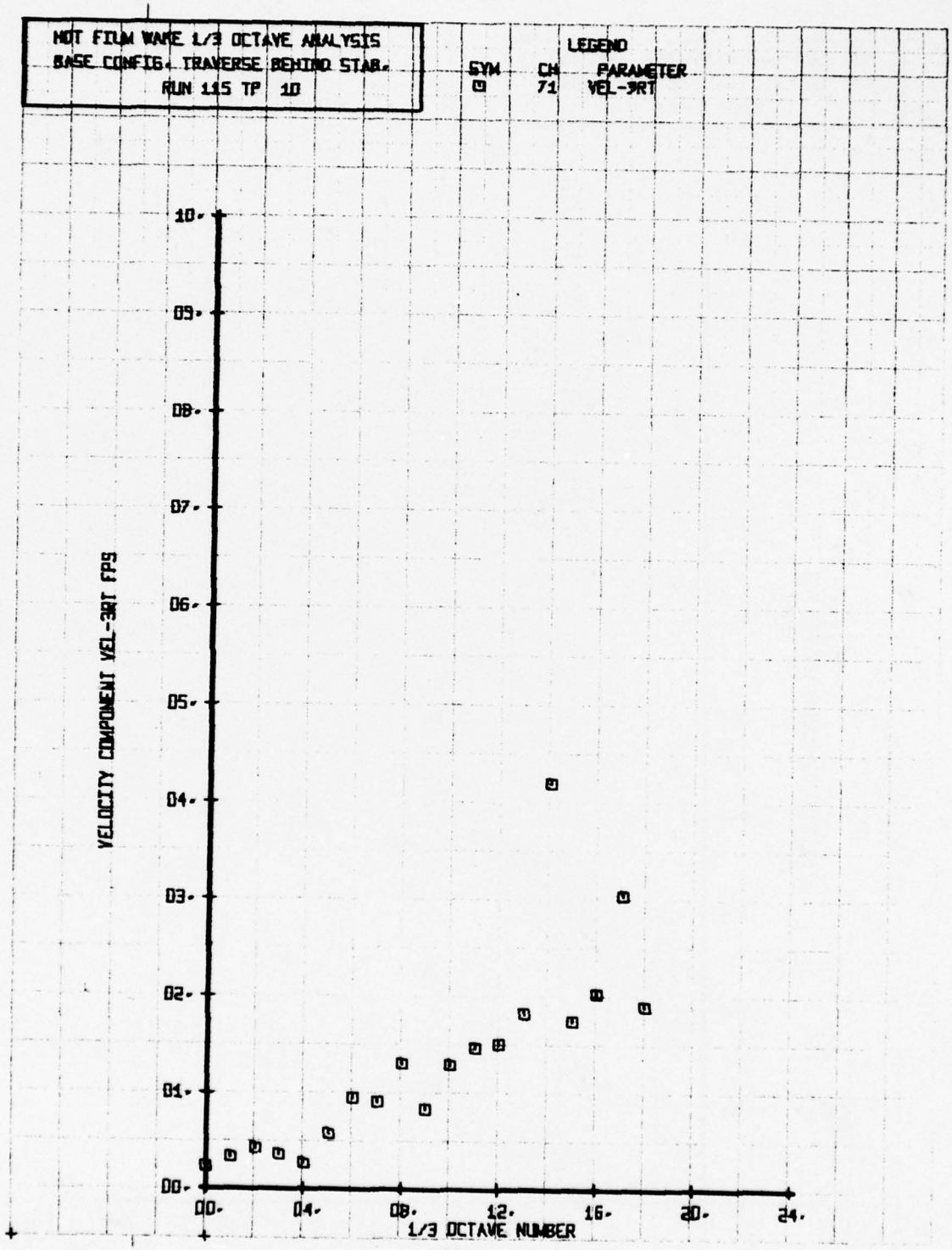

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 6
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

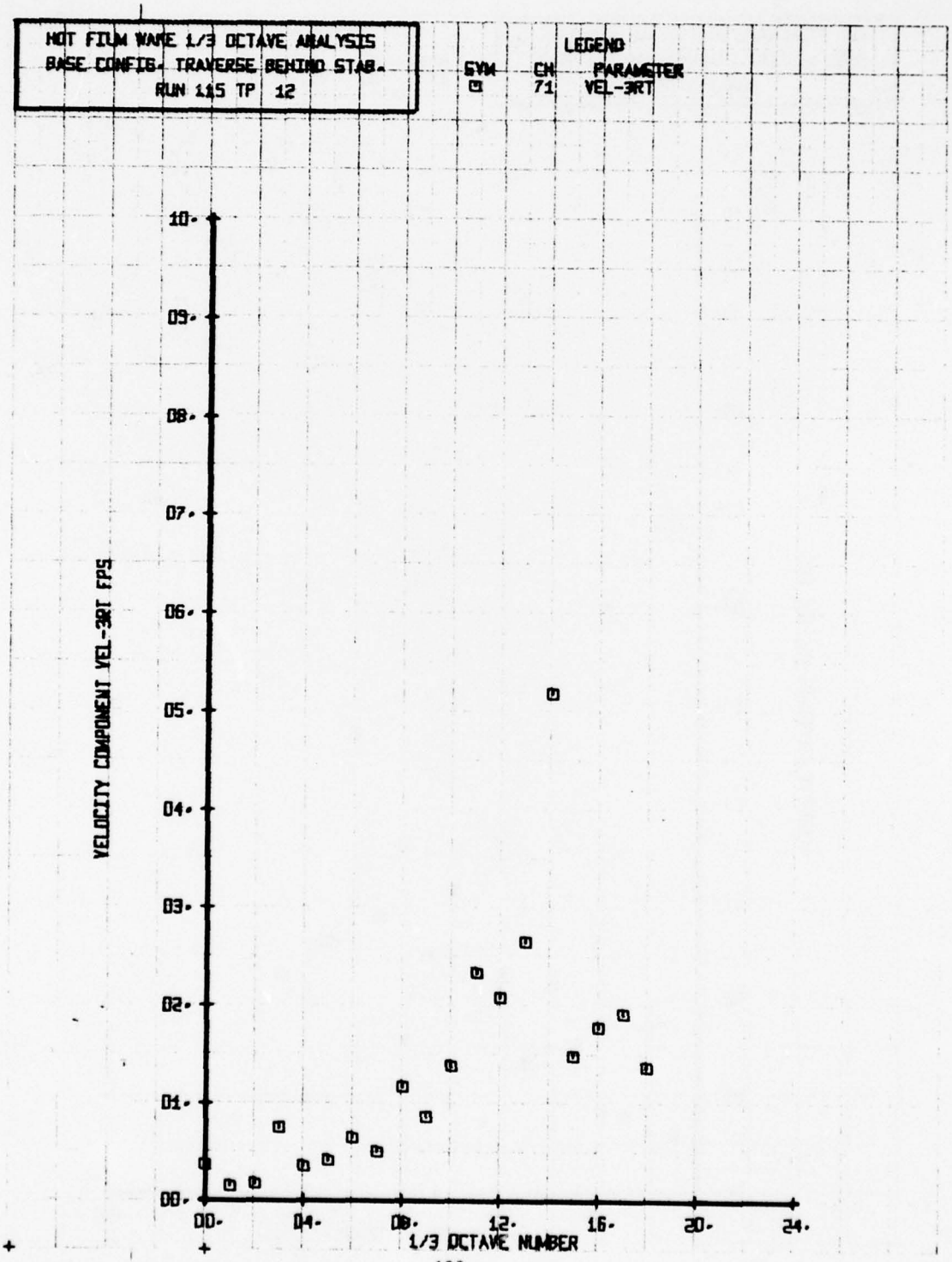

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 9
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
1/3 OCTAVE NUMBER
10.
09.
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24.

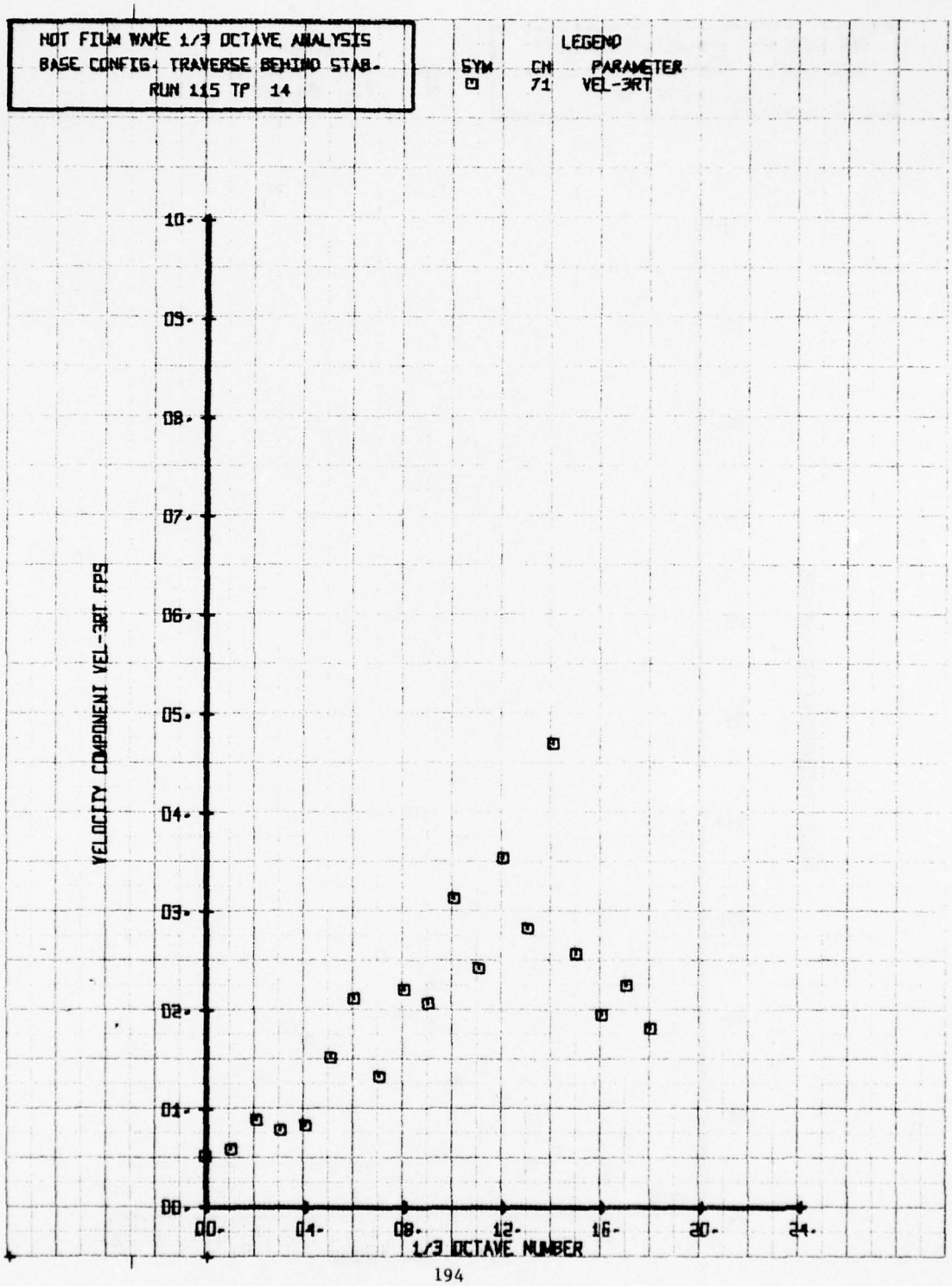
AD-A061 861 BOEING VERTOL CO PHILADELPHIA PA F/G 1/3
INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFI--ETC(U)
SEP 78 P F SHERIDAN DAAJ02-77-C-0020
UNCLASSIFIED USARTL-TR-78-23F NL

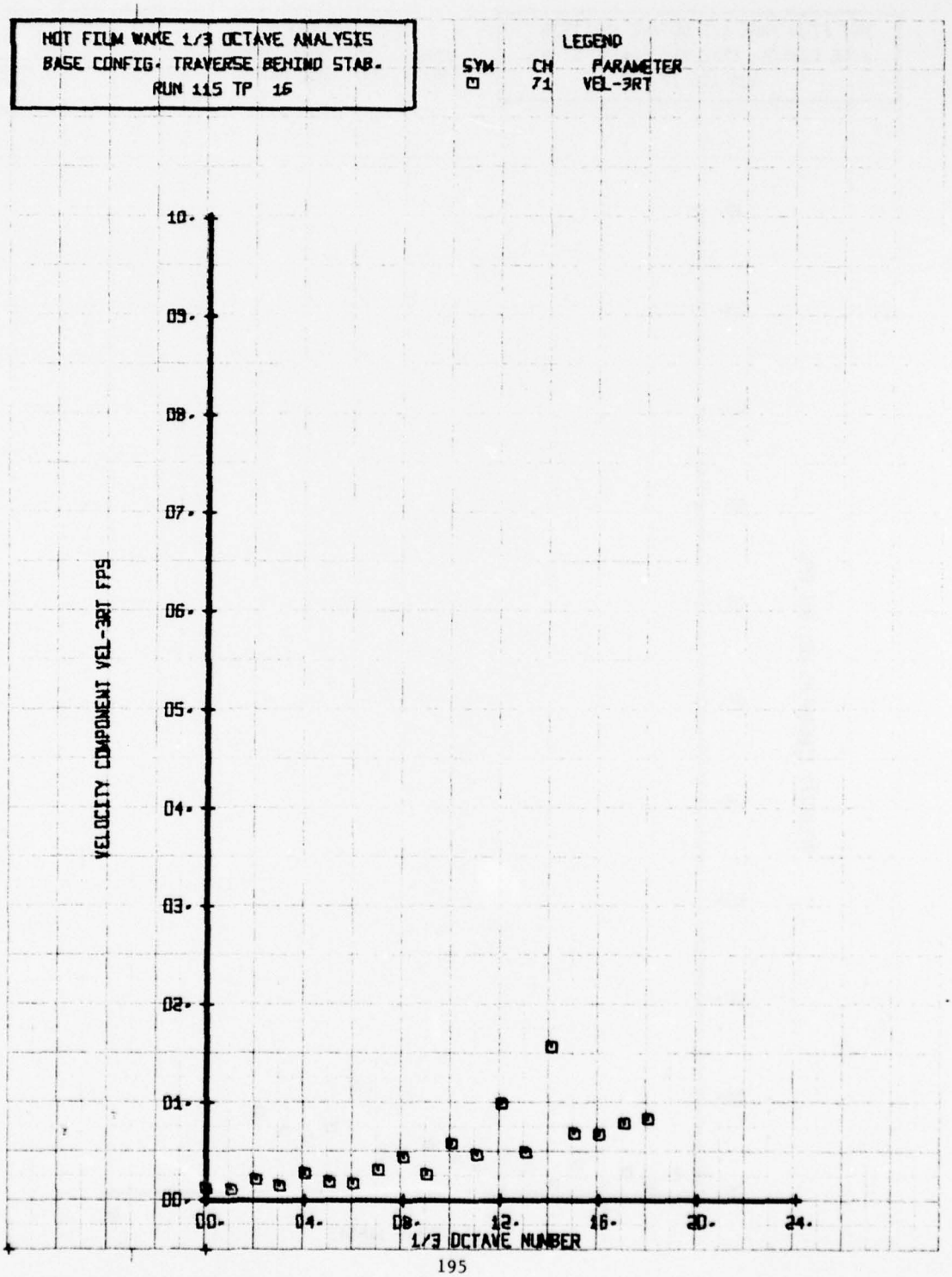
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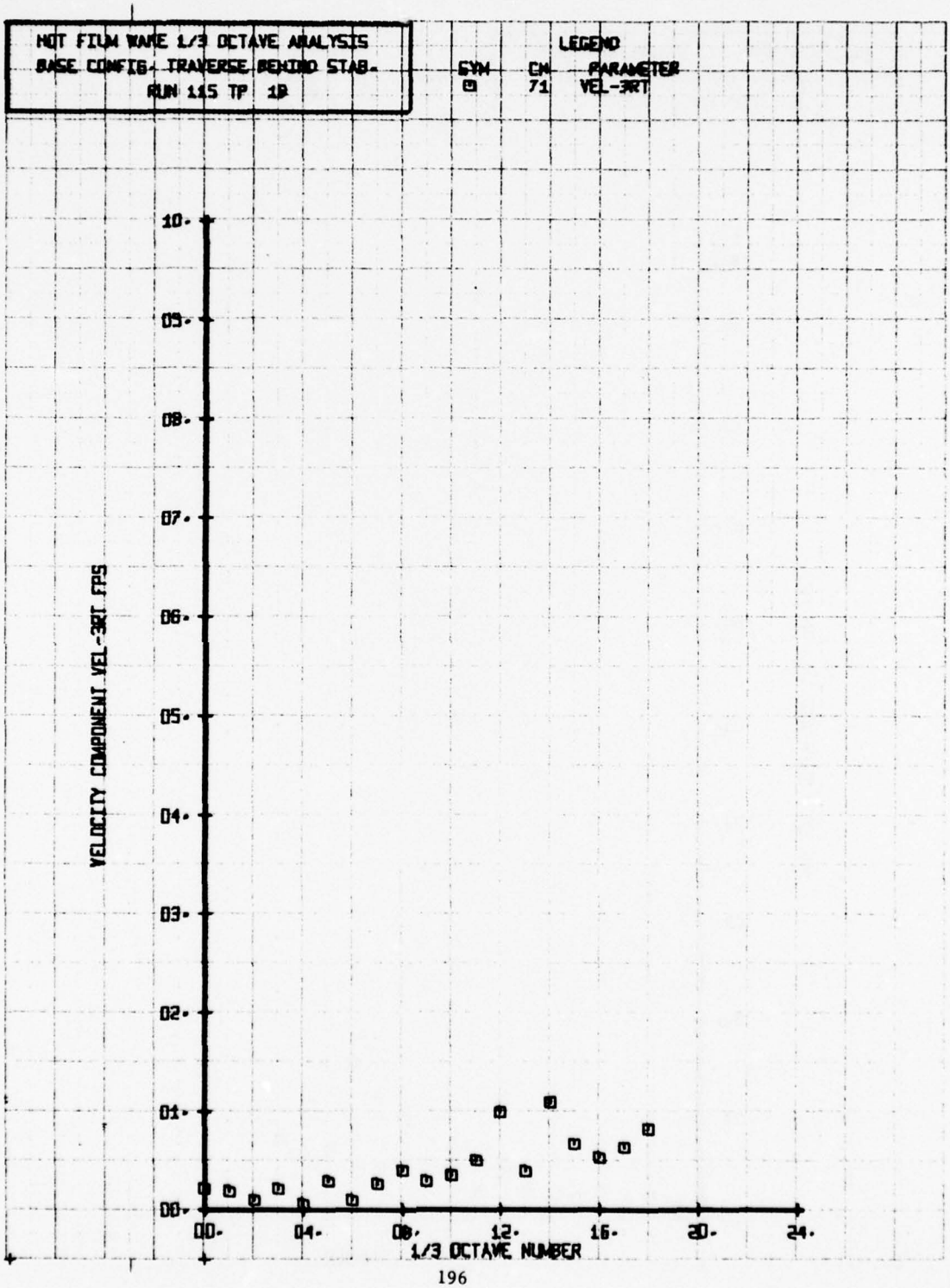


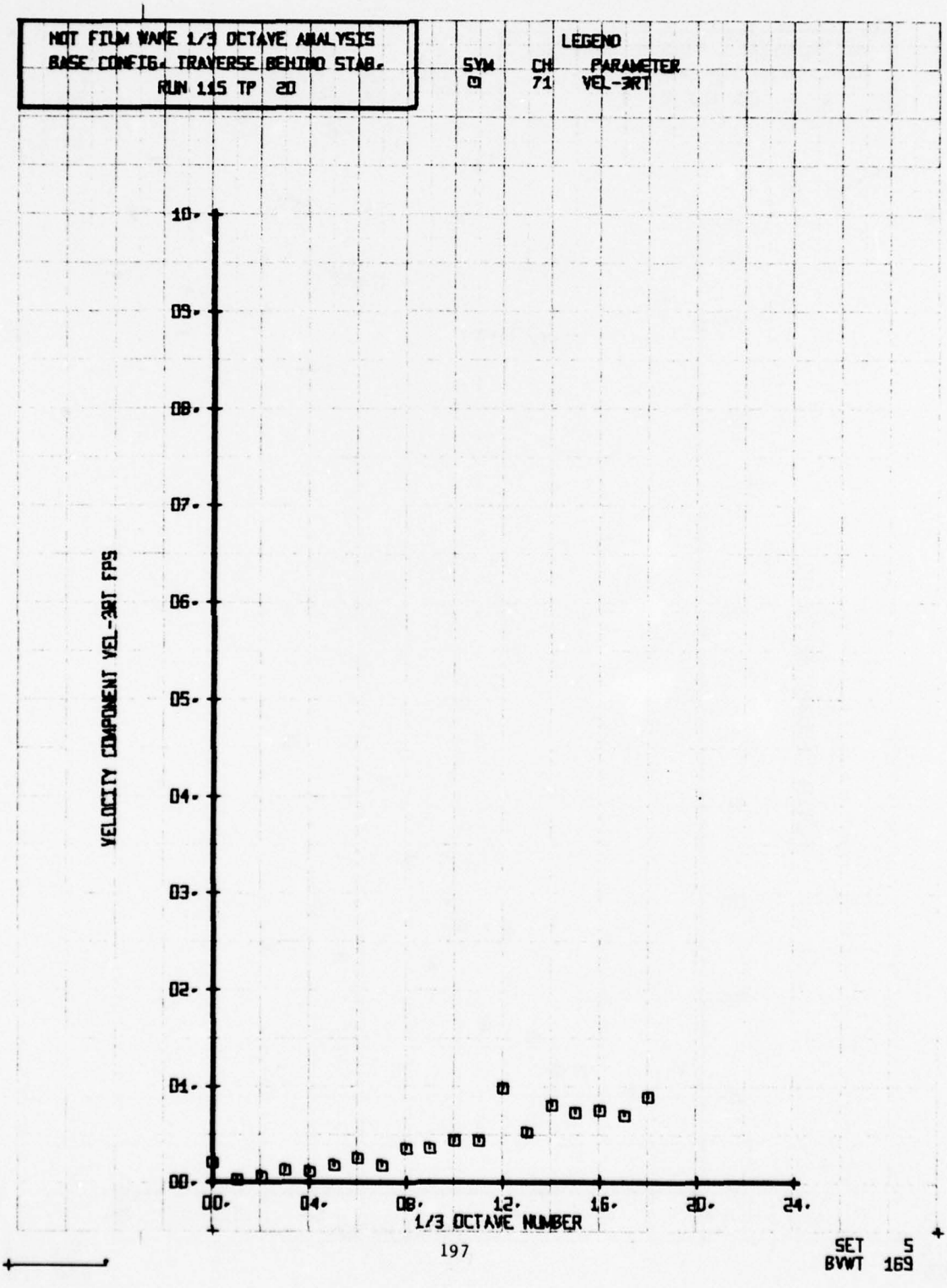

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 10
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
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VELOCITY COMPONENT VEL-3RT FPS
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1/3 OCTAVE NUMBER

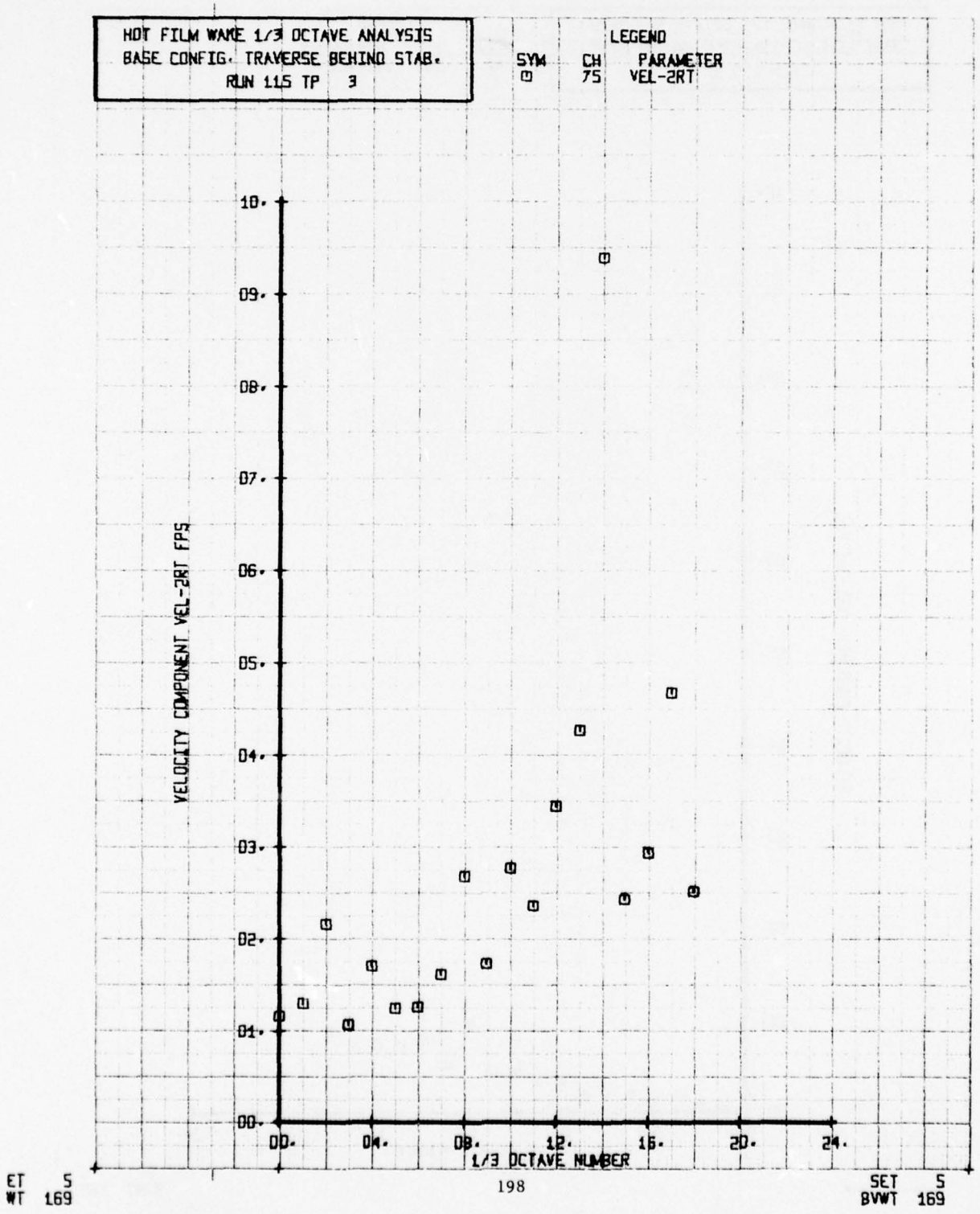

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 12
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

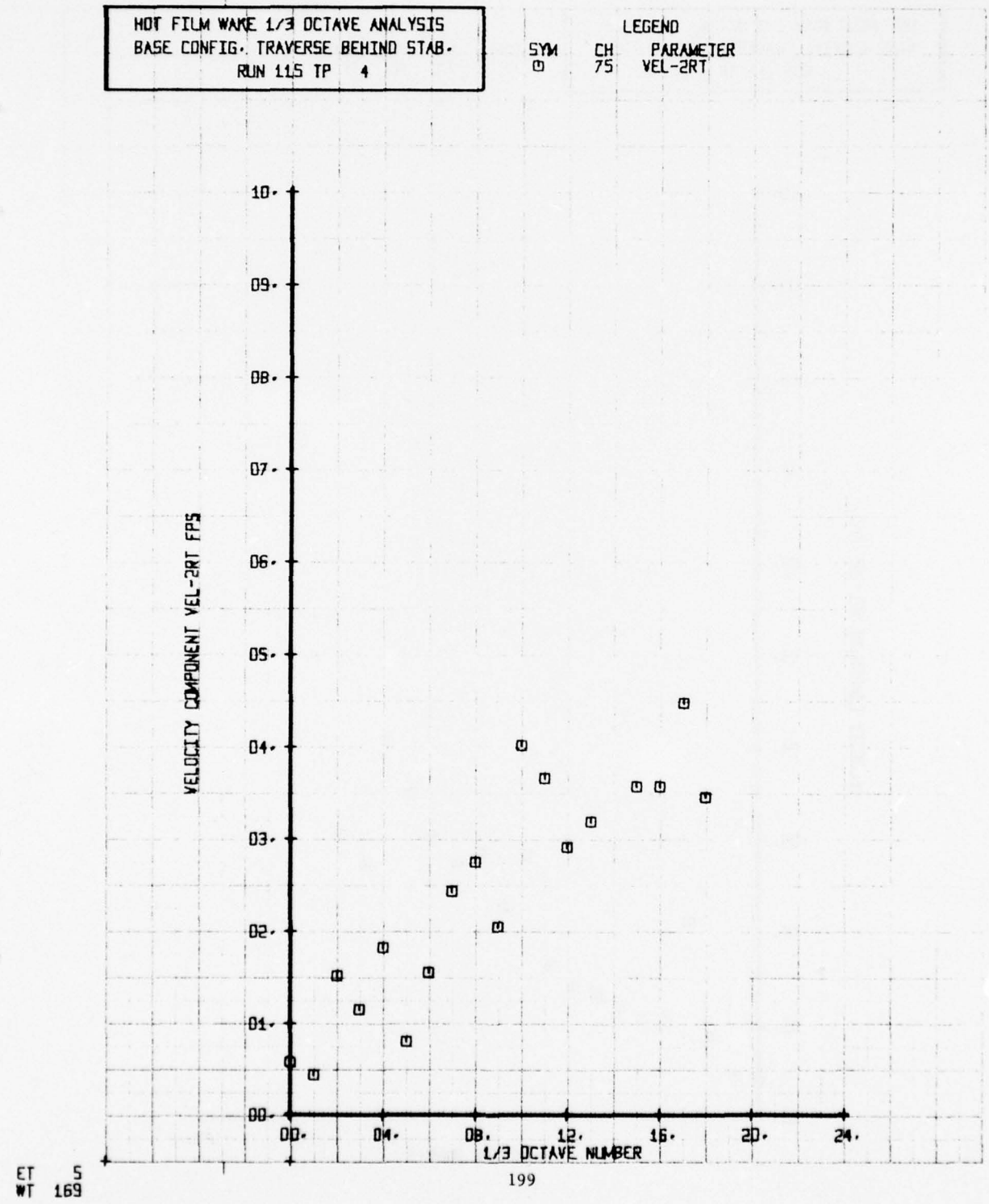

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 14
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
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20.
24.
1/3 OCTAVE NUMBER

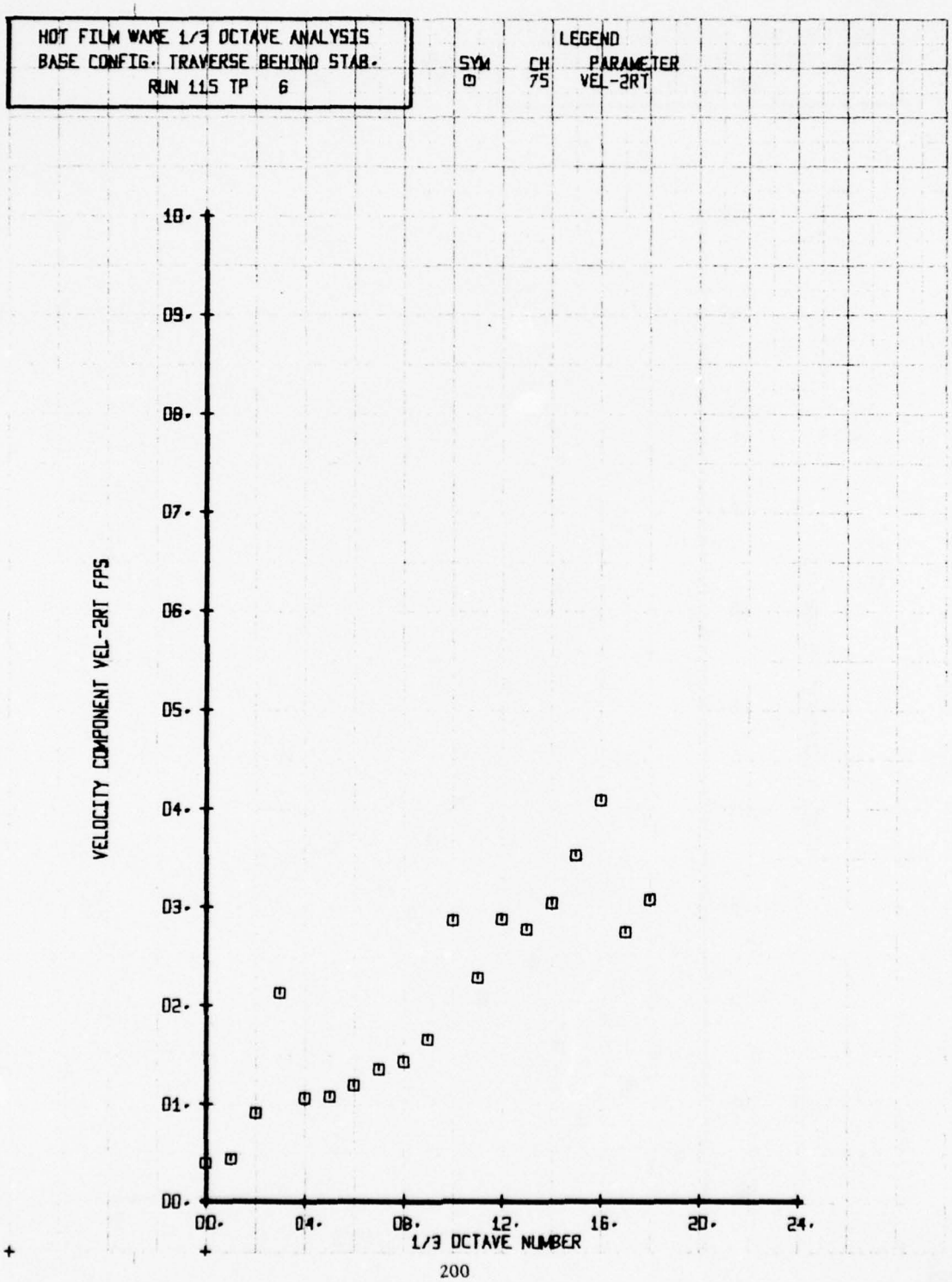

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 16
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
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16.
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24.
1/3 OCTAVE NUMBER

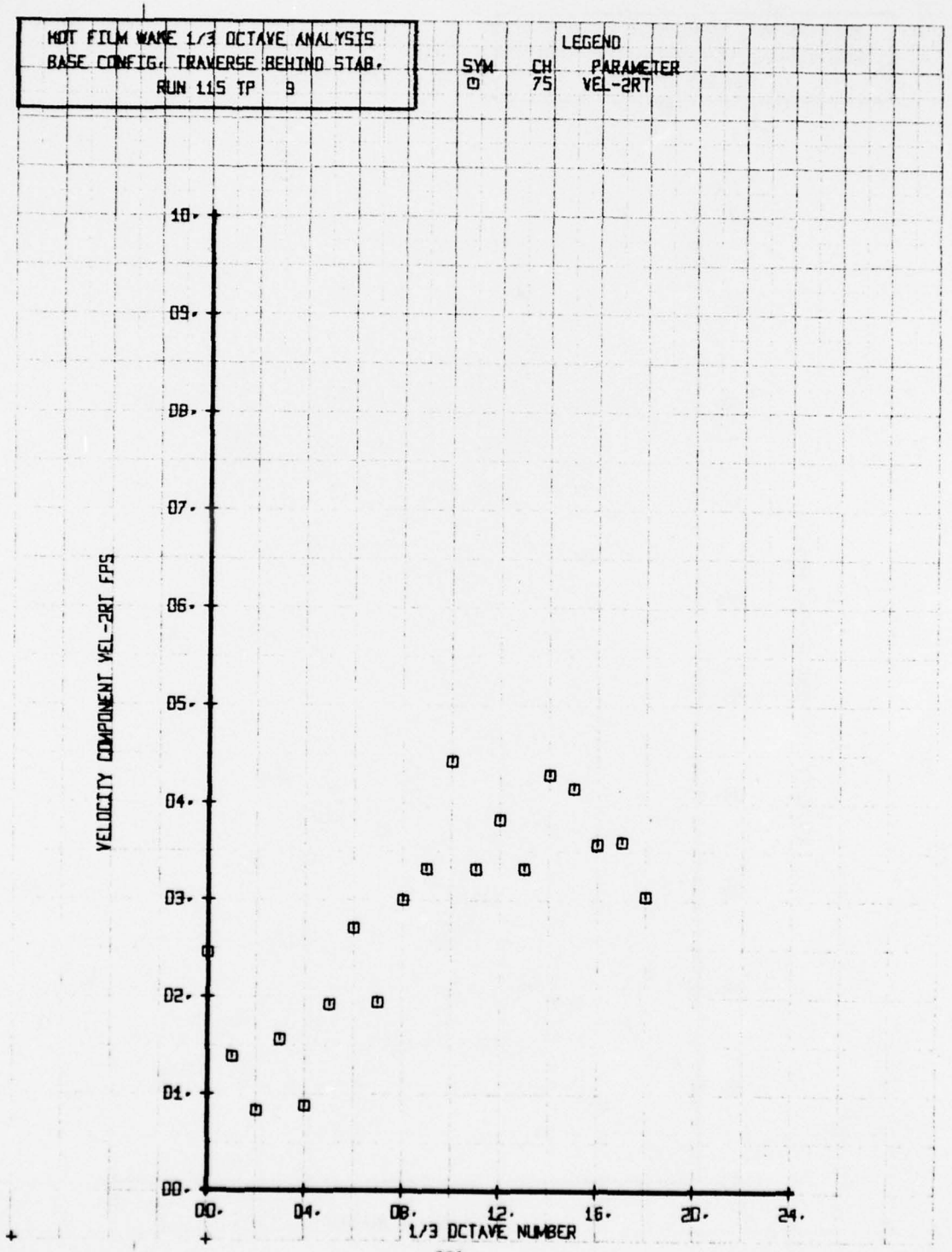

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG- TRAVERSE BEHIND STAB-
RUN 115 TP 1B
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
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VELOCITY COMPONENT VEL-3RT FPS
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24.
1/3 OCTAVE NUMBER

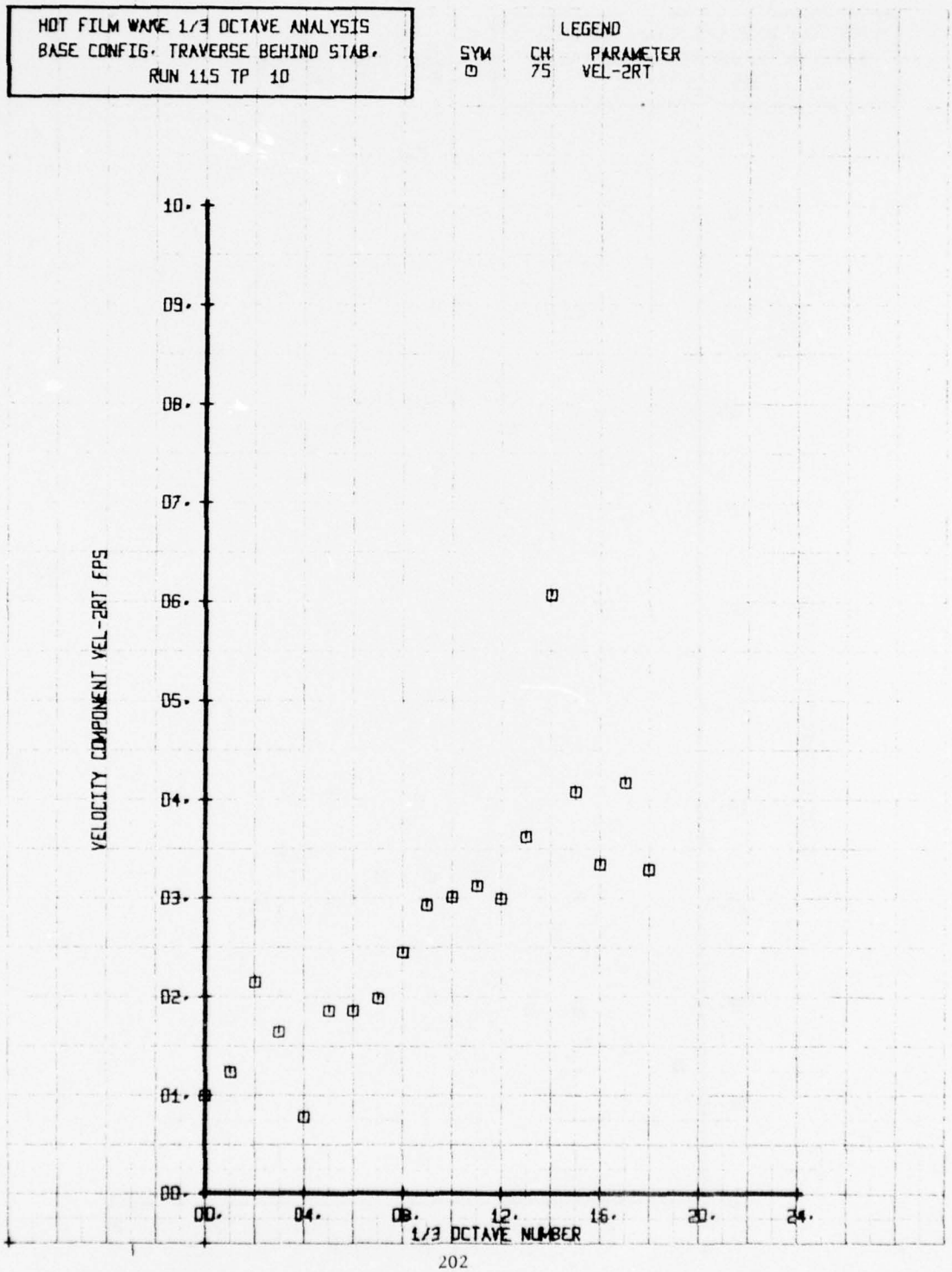

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 20
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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16.
20.
24.
1/3 OCTAVE NUMBER
SET 5
BWWT 169

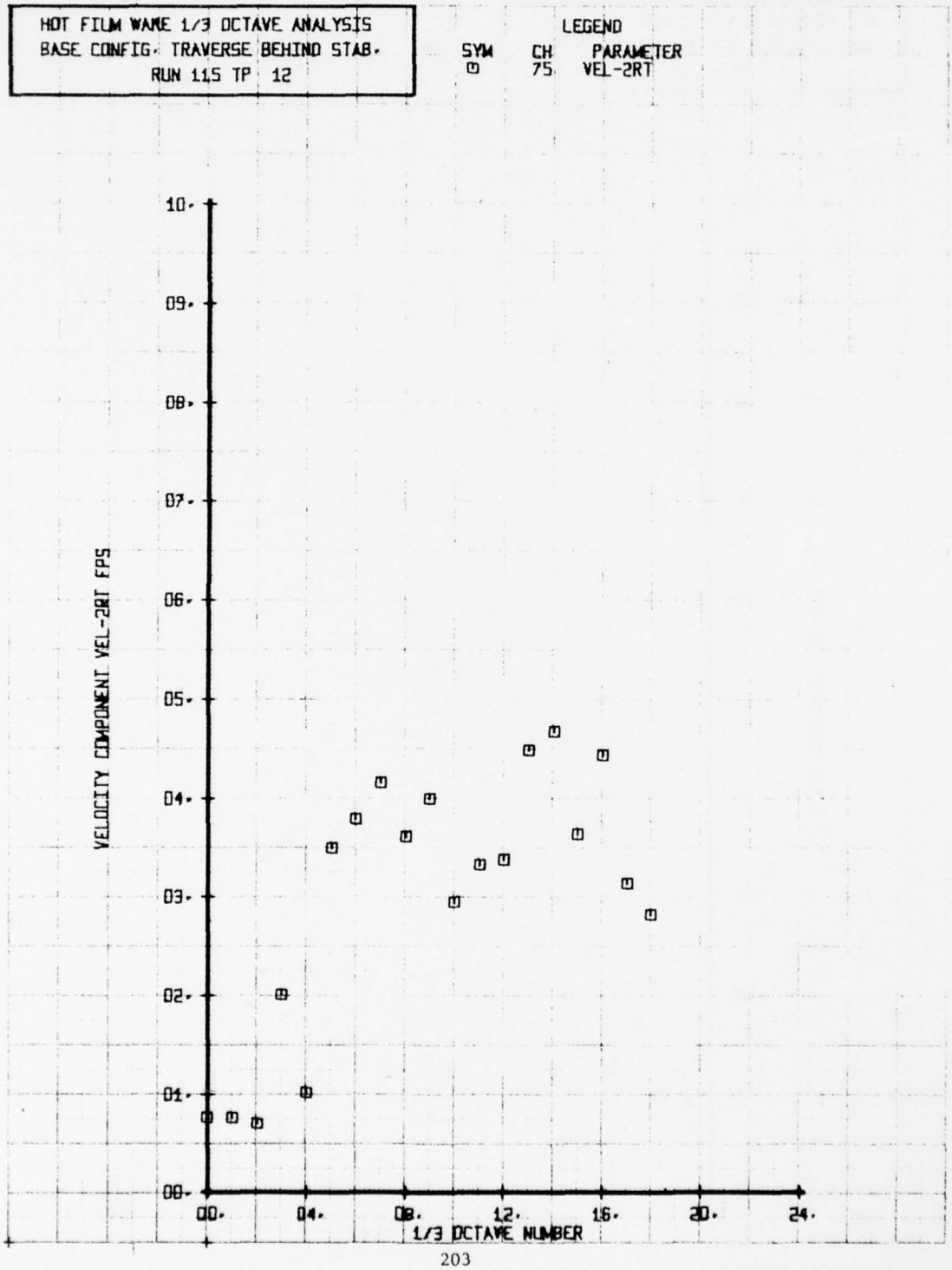

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 3
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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16.
20.
24.
1/3 OCTAVE NUMBER
ET 5
WT 169
SET 5
BVWT 169

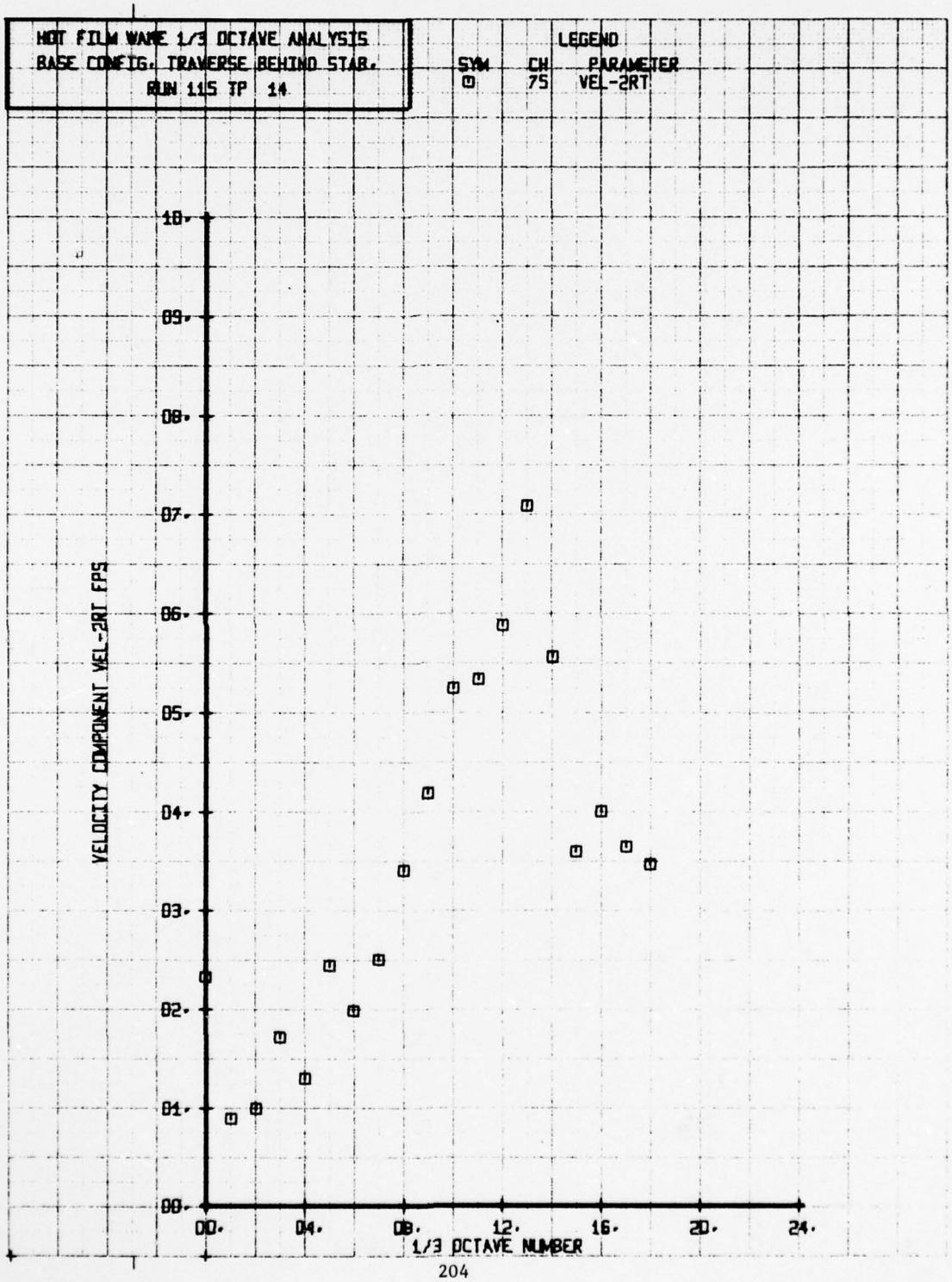

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 4
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
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ET 5
WT 169

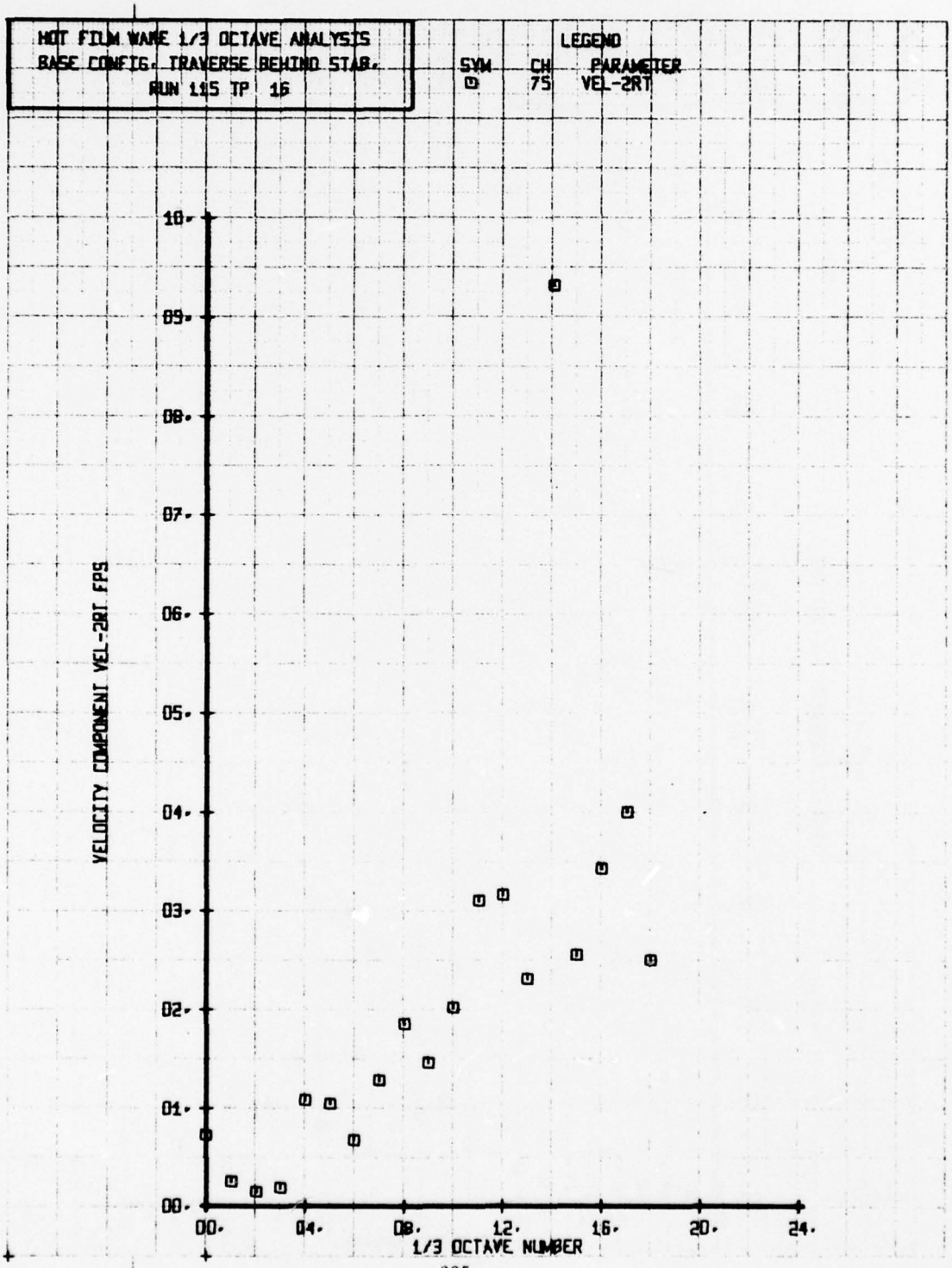

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 6
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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24.
1/3 OCTAVE NUMBER

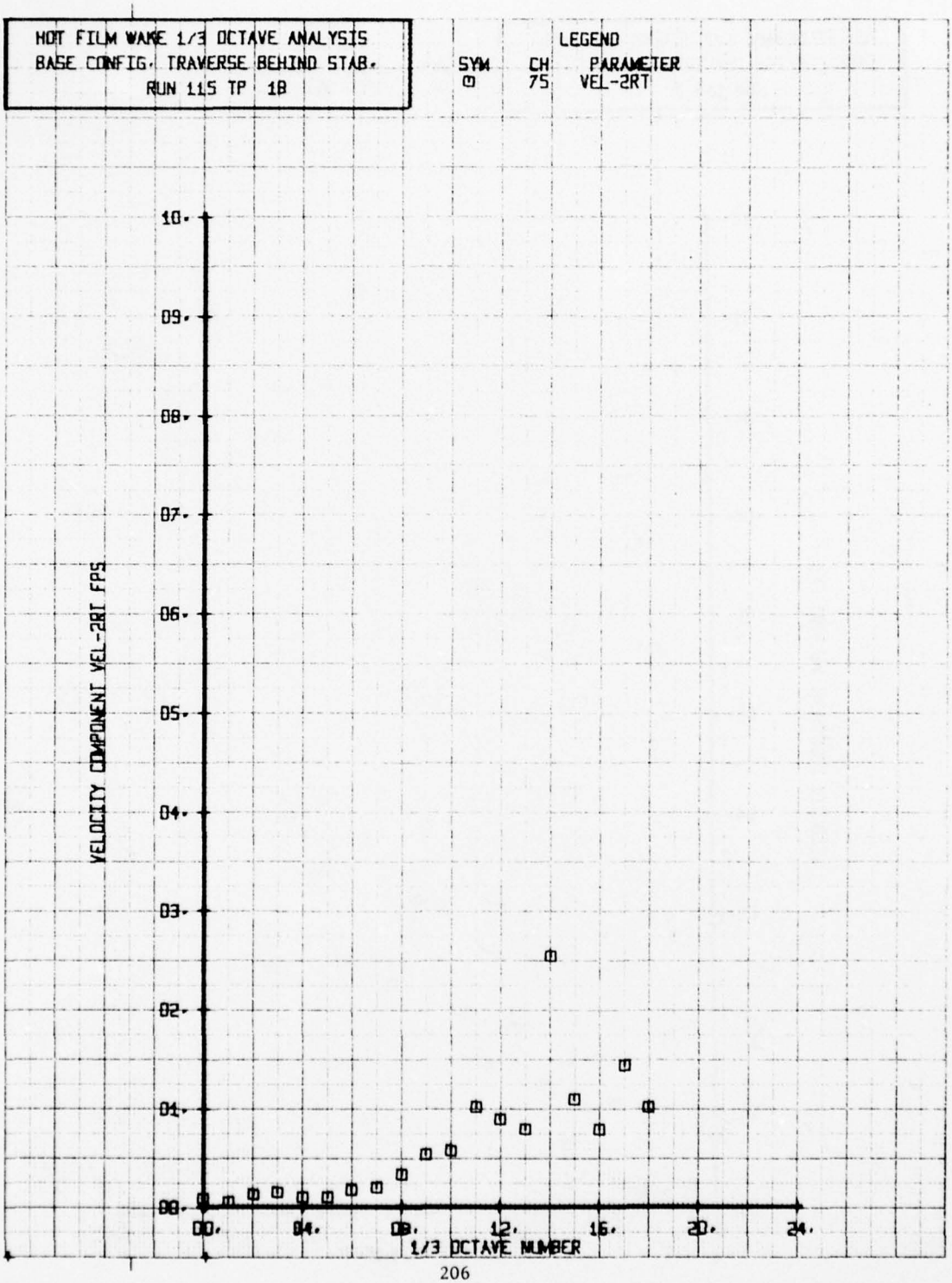

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 9
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
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00.
VELOCITY COMPONENT VEL-2RT FPS
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

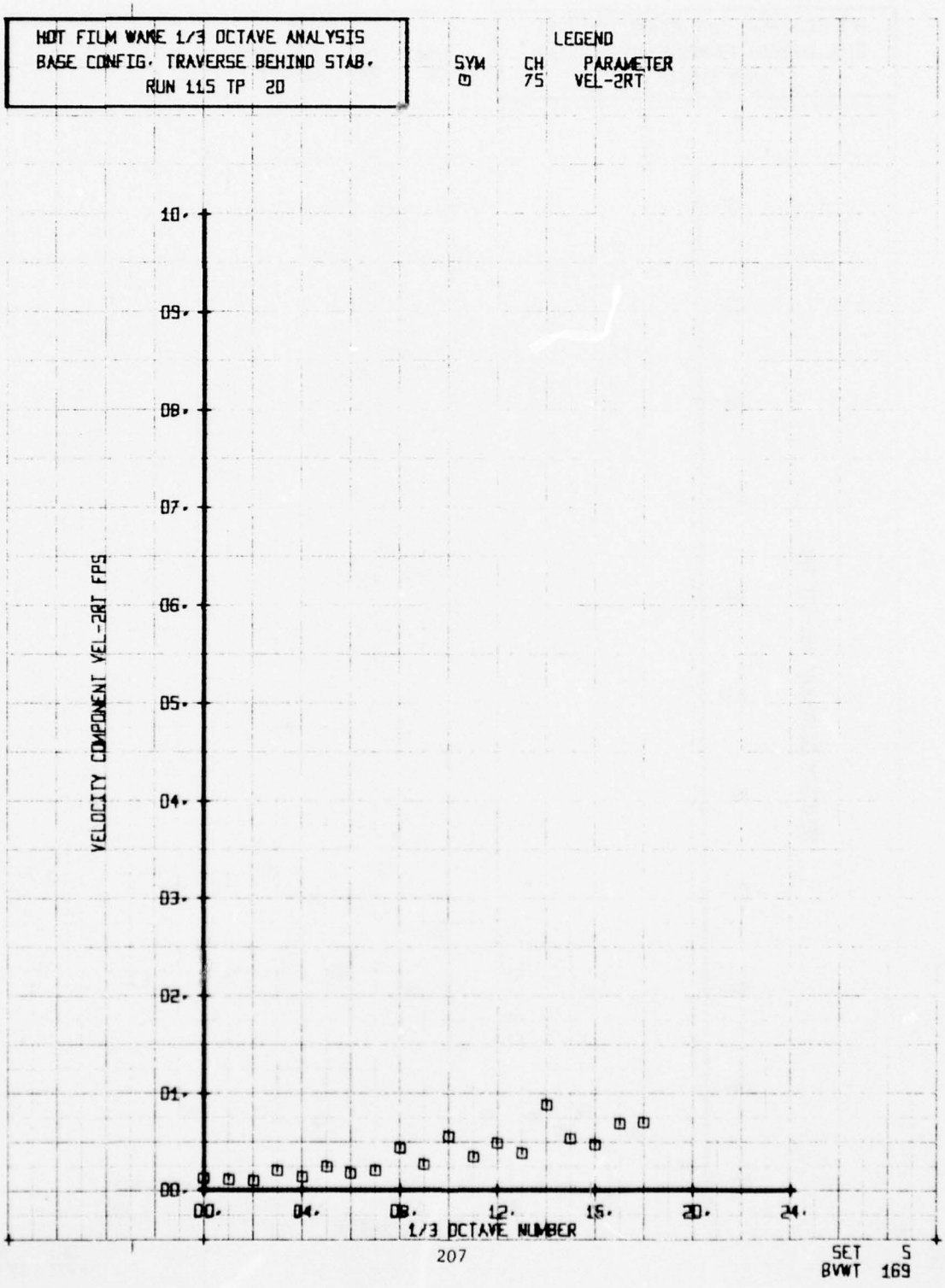

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 10
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
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04.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

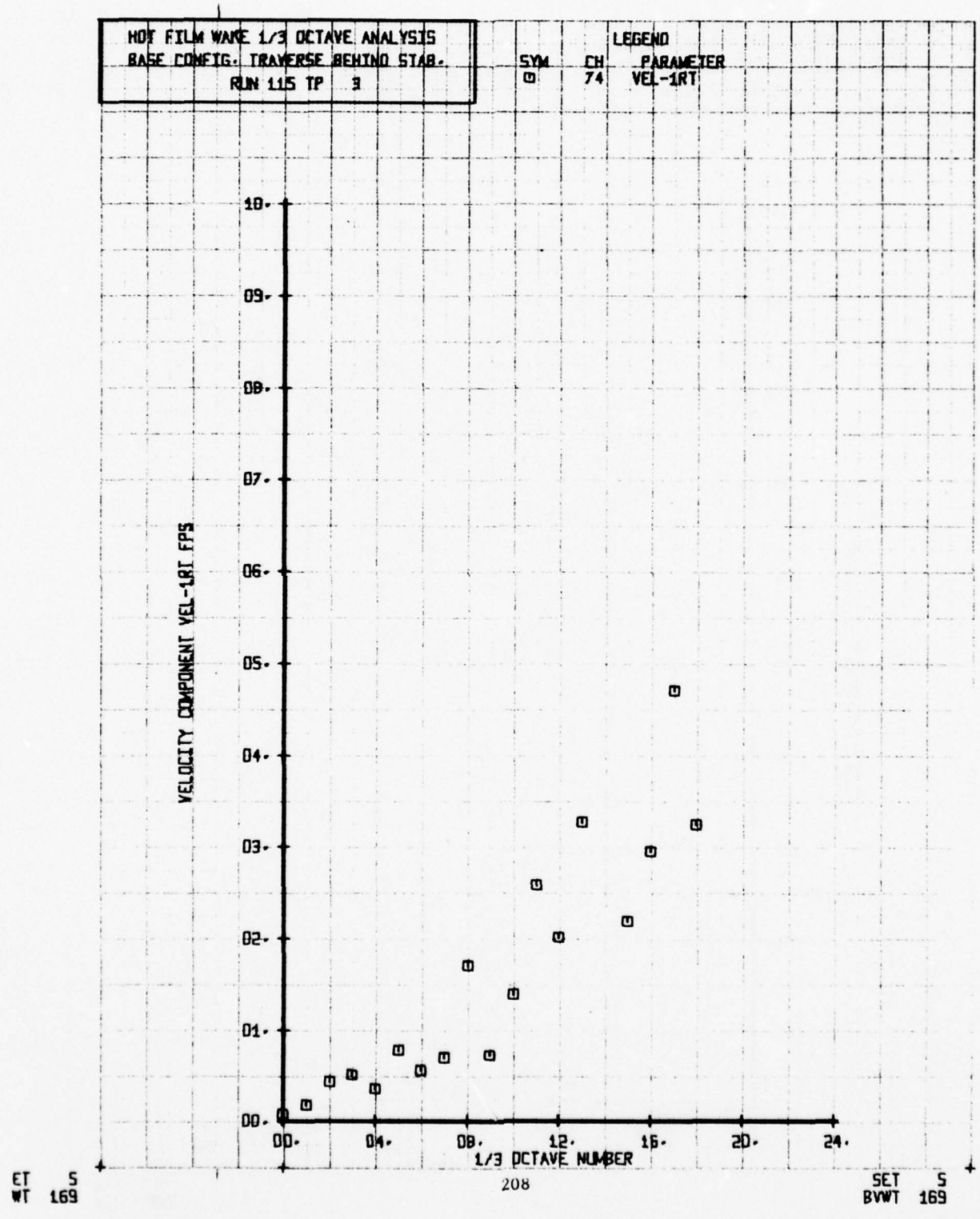

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 12
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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04.
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16.
20.
24.
1/3 OCTAVE NUMBER

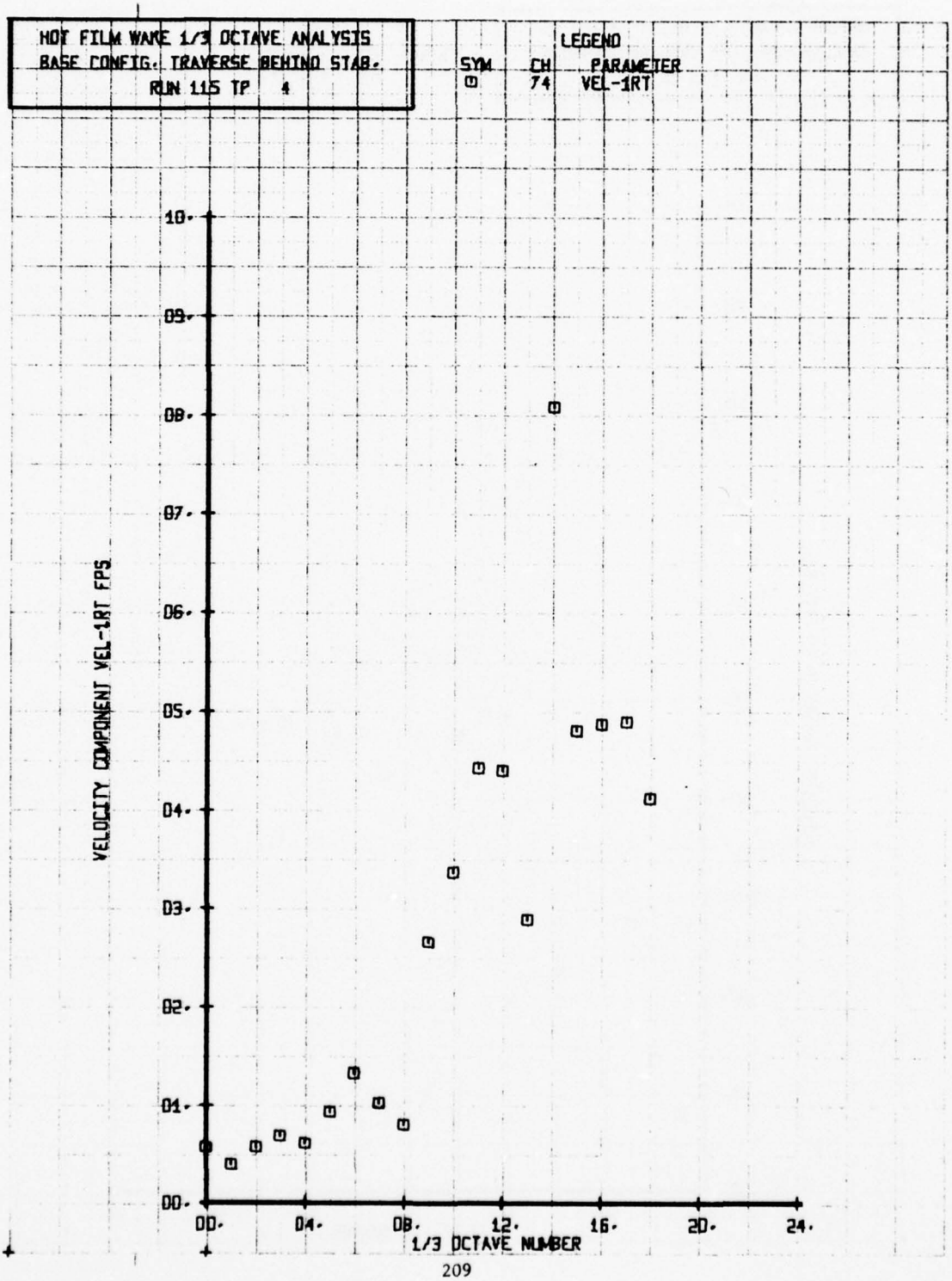

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAR.
RUN 115 TP 14
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
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06.
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03.
02.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 16
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
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03.
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VELOCITY COMPONENT VEL-2RT FPS
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16.
20.
24.
1/3 OCTAVE NUMBER

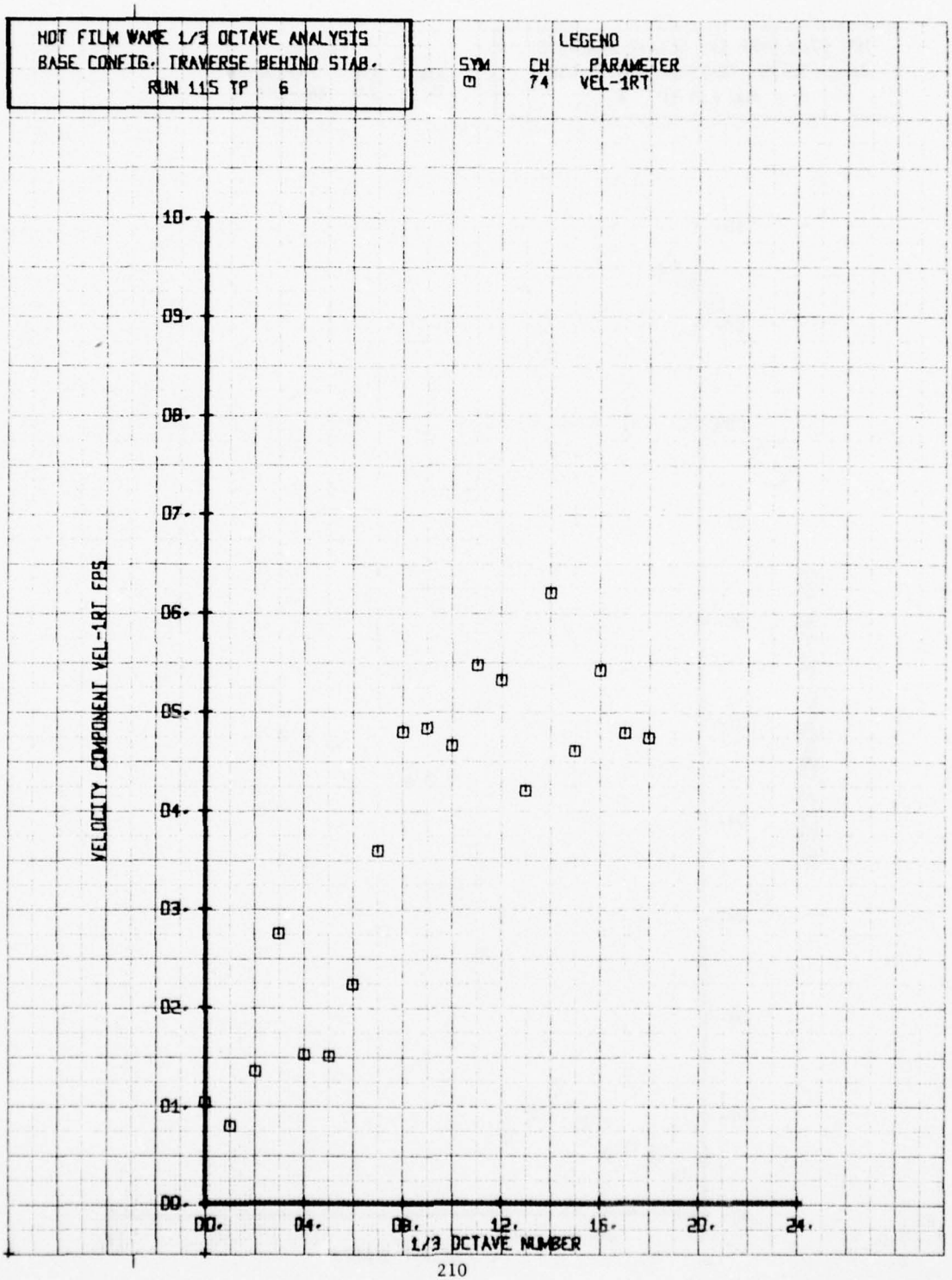

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 18
LEGEND
SYM CH PARAMETER
75 VEL-2RT
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VELOCITY COMPONENT VEL-2RT FPS
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24.
1/3 OCTAVE NUMBER

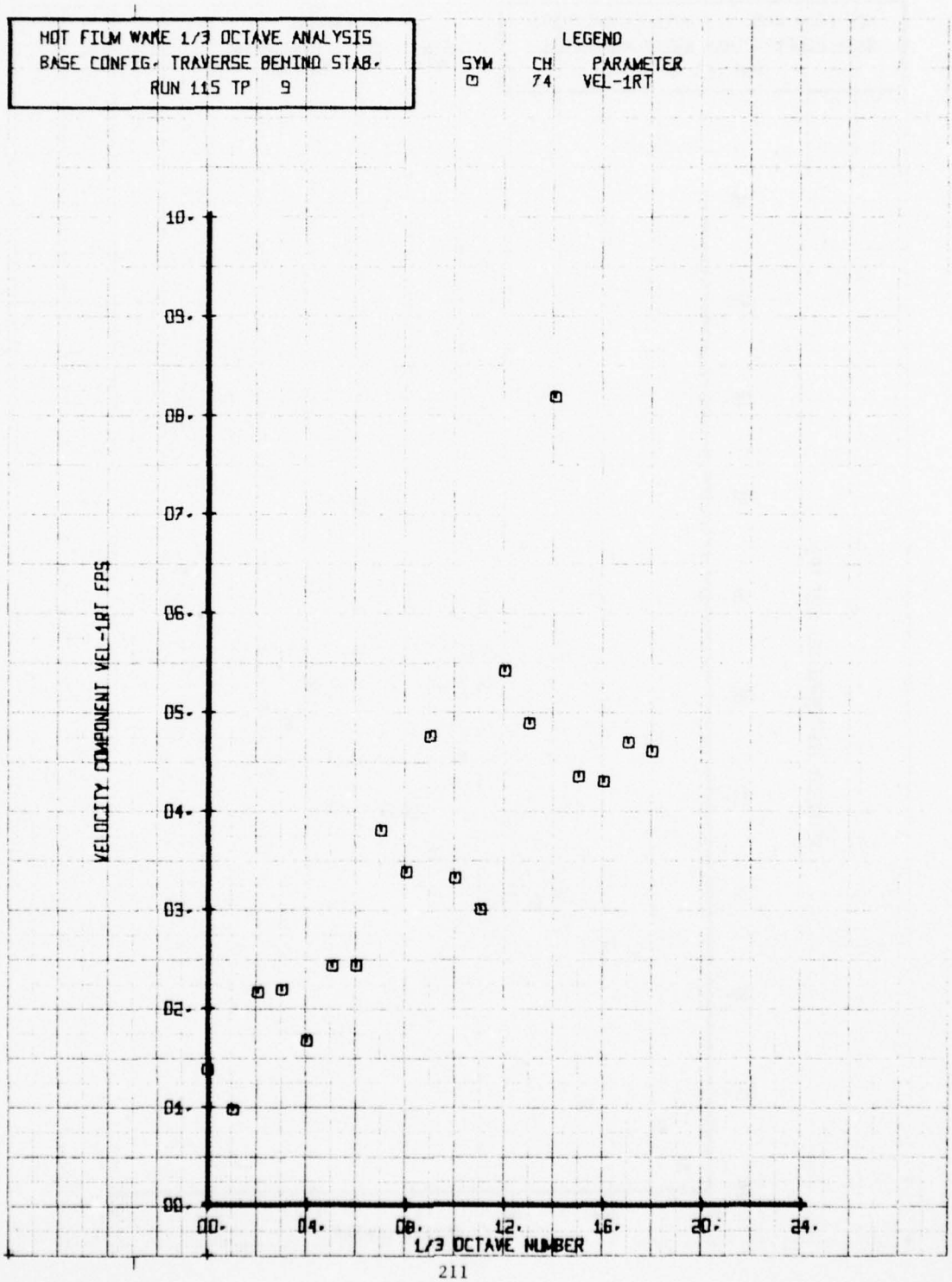

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 20
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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16.
20.
24.
1/3 OCTAVE NUMBER
SET 5
BVWT 169

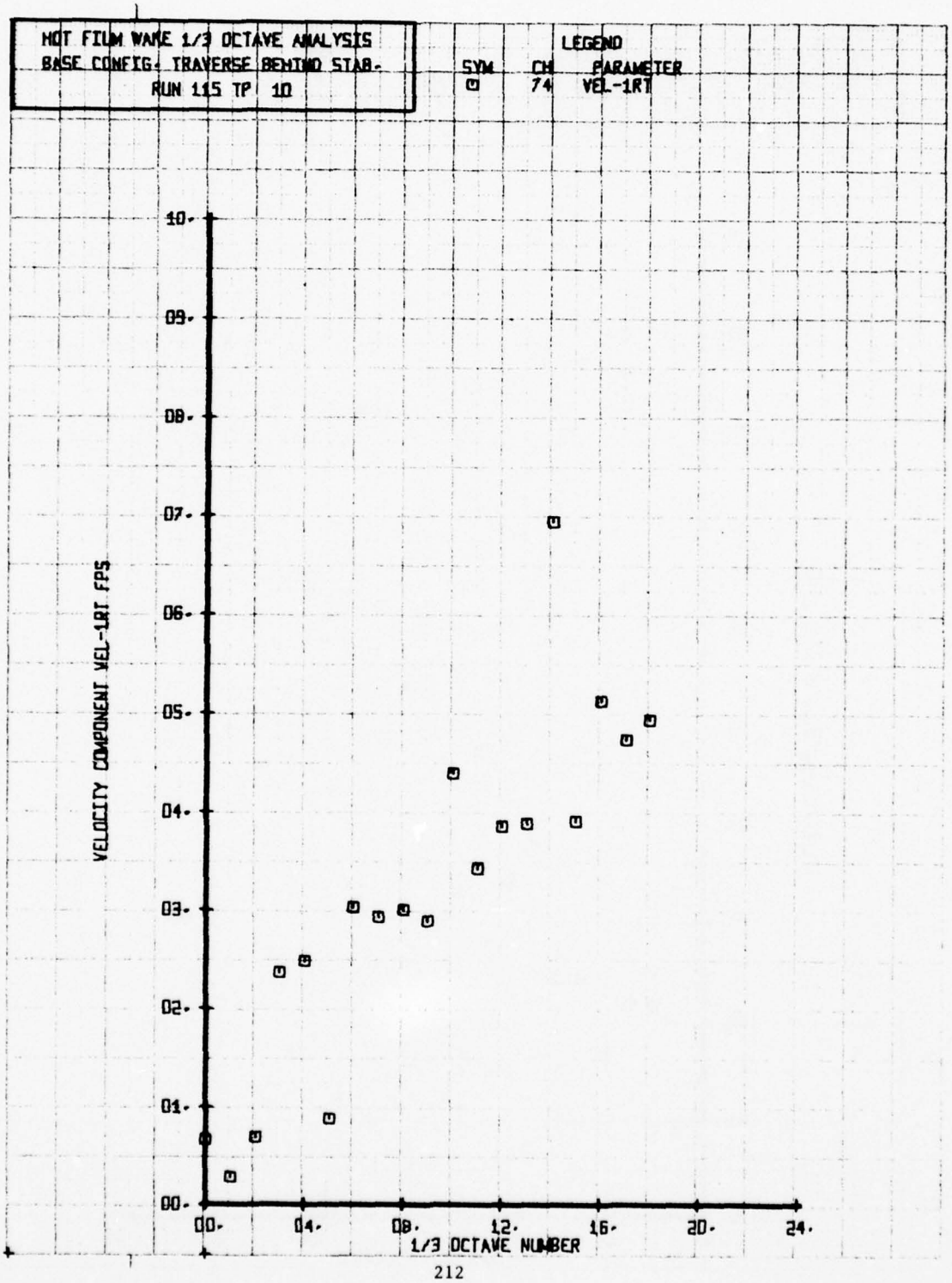

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 3
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
ET S
WT 169
SET S
BVWT 169

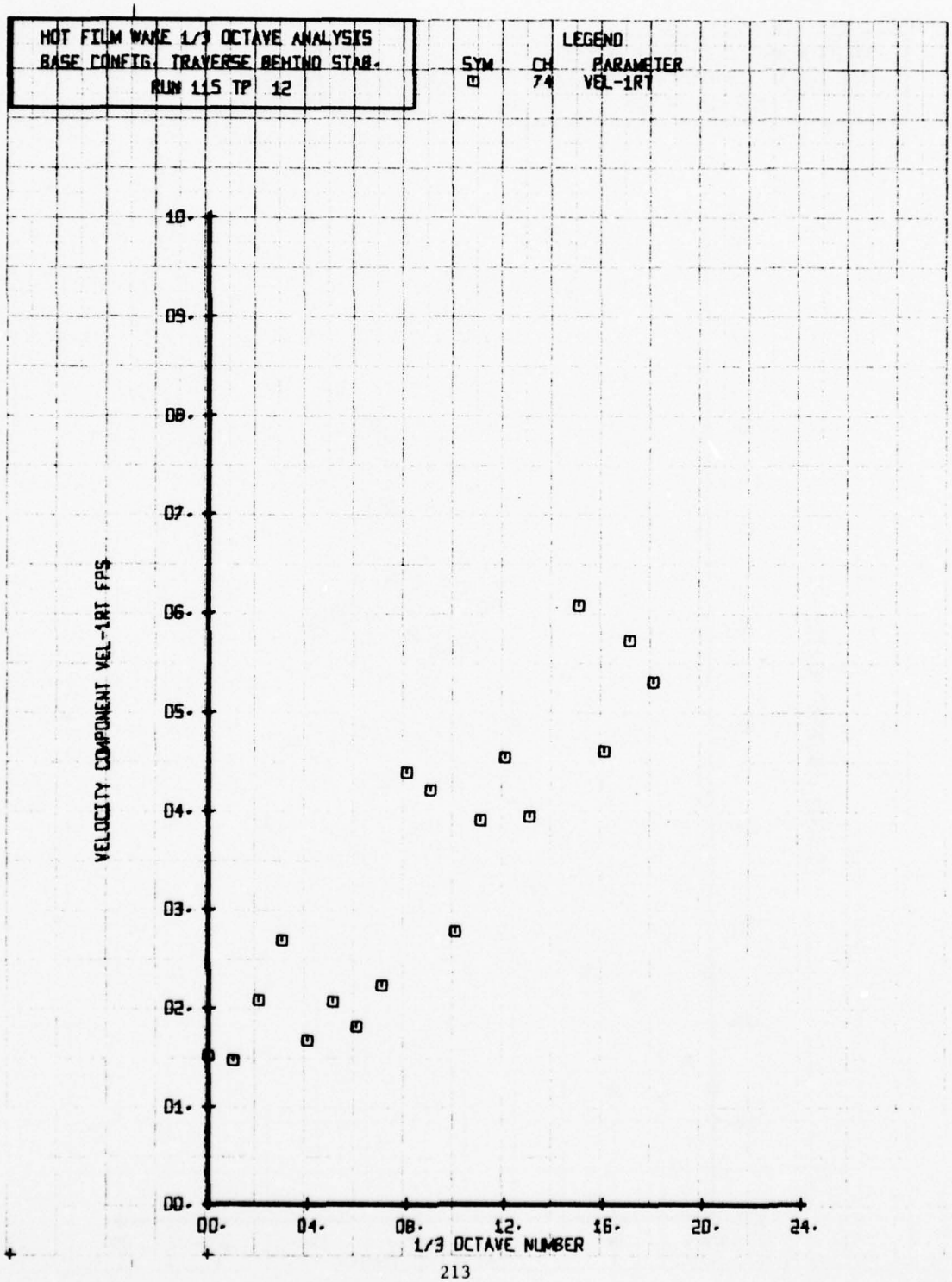

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 4
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

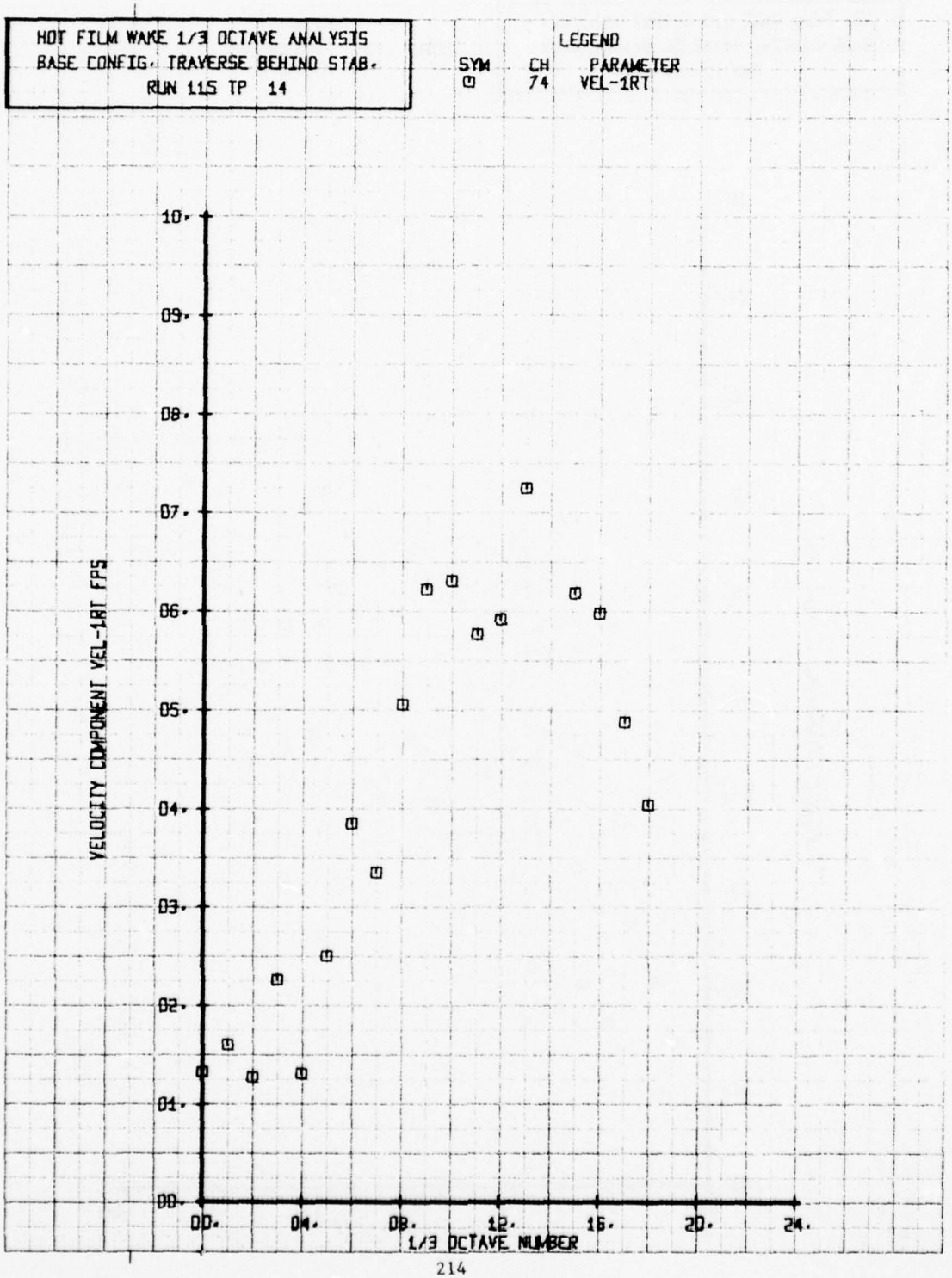
ET 5
WT 169

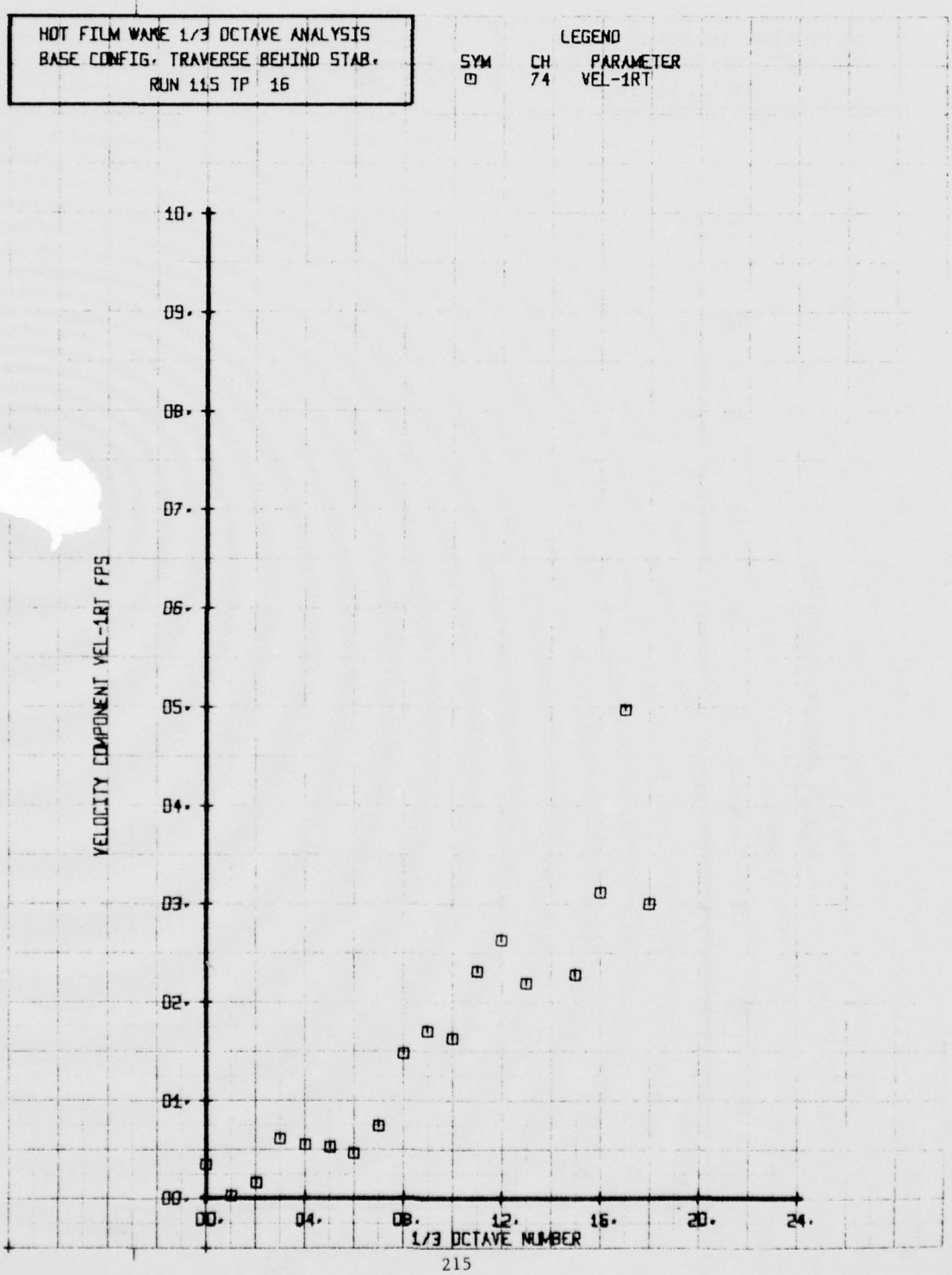

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 6
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
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1/3 OCTAVE NUMBER

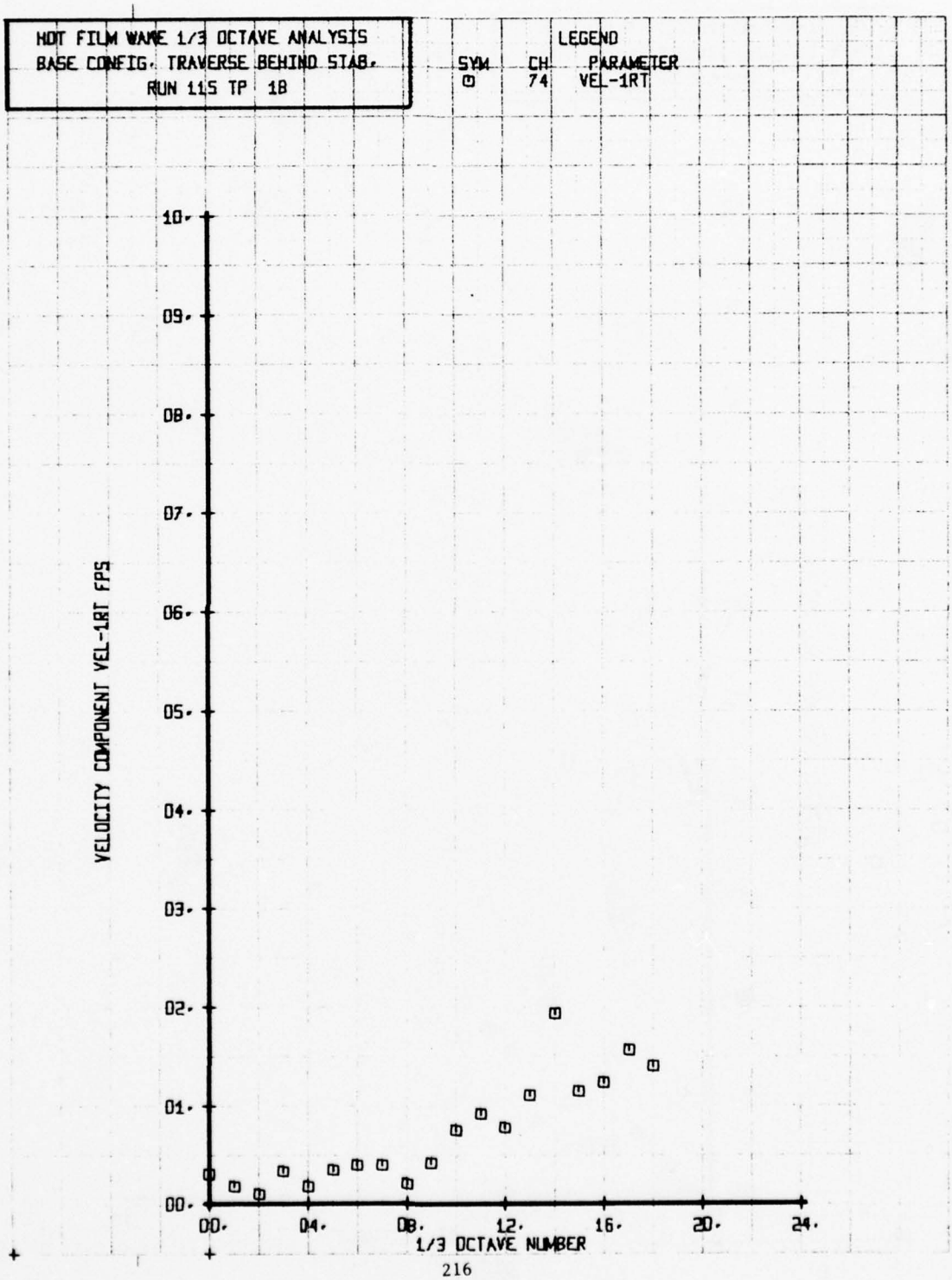

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 9
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER

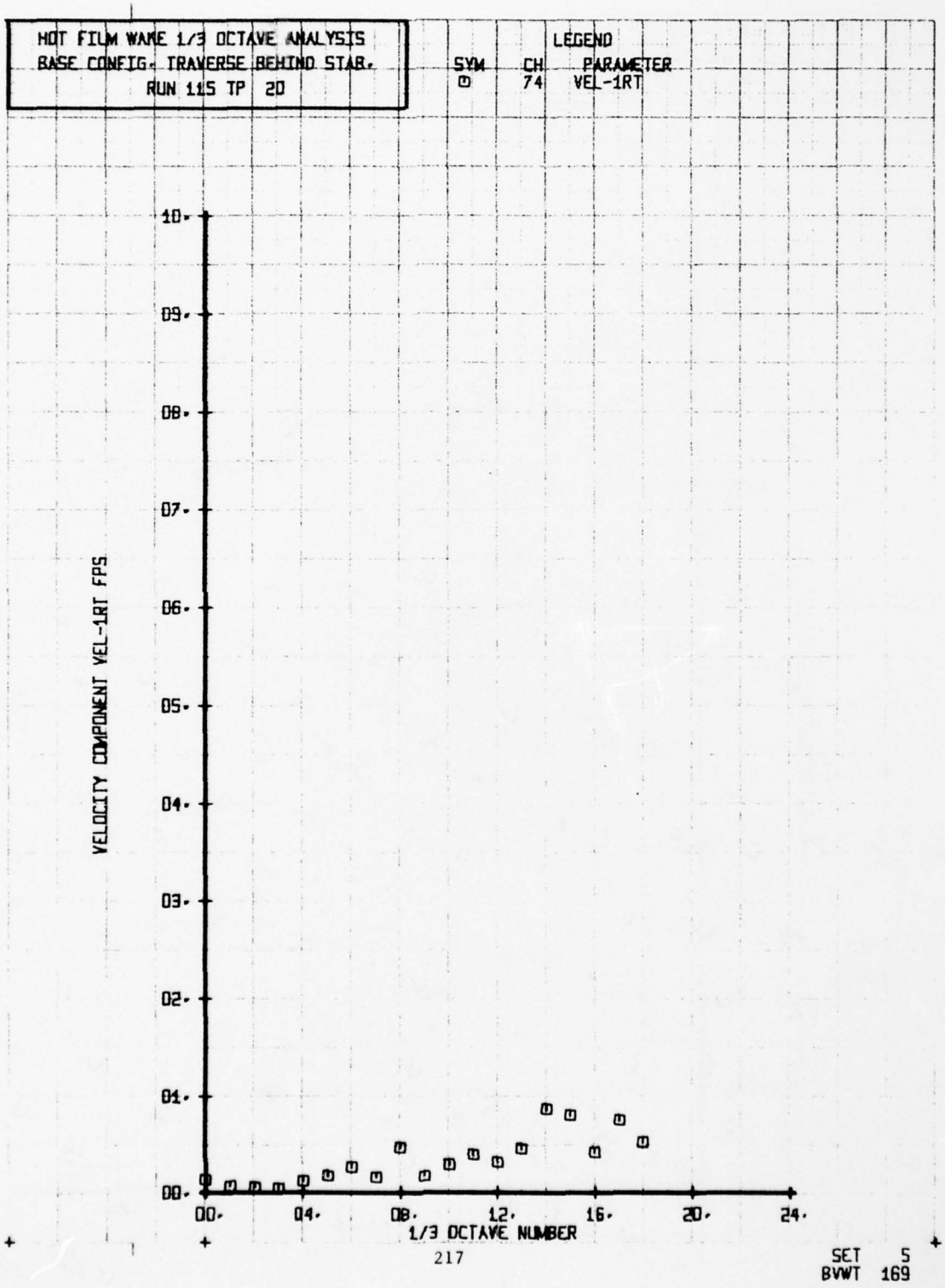

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 10
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER

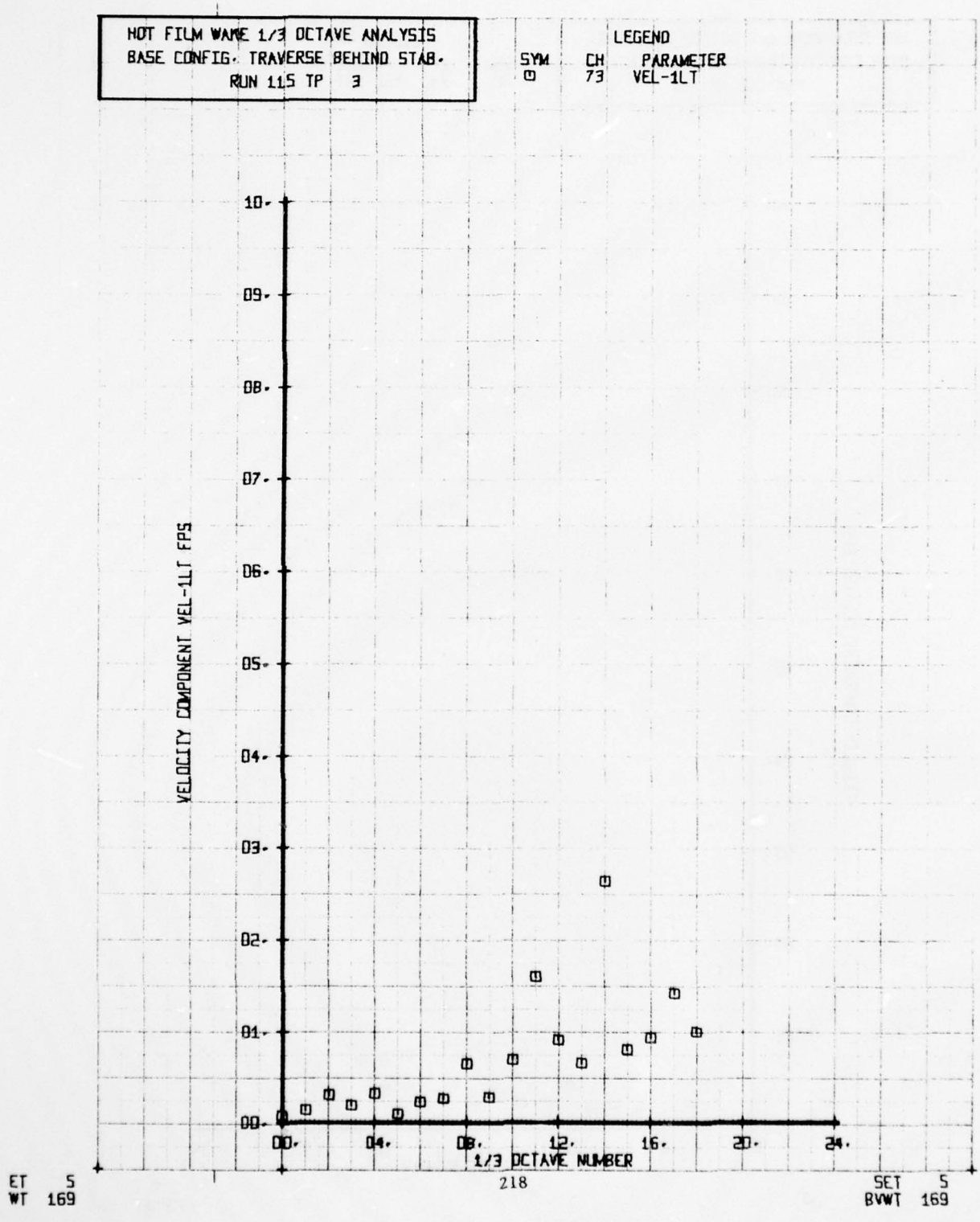

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 12
LEGEND
SYM CH PARAMETER
74 VEL-1RT
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VELOCITY COMPONENT VEL-1RT FPS
00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

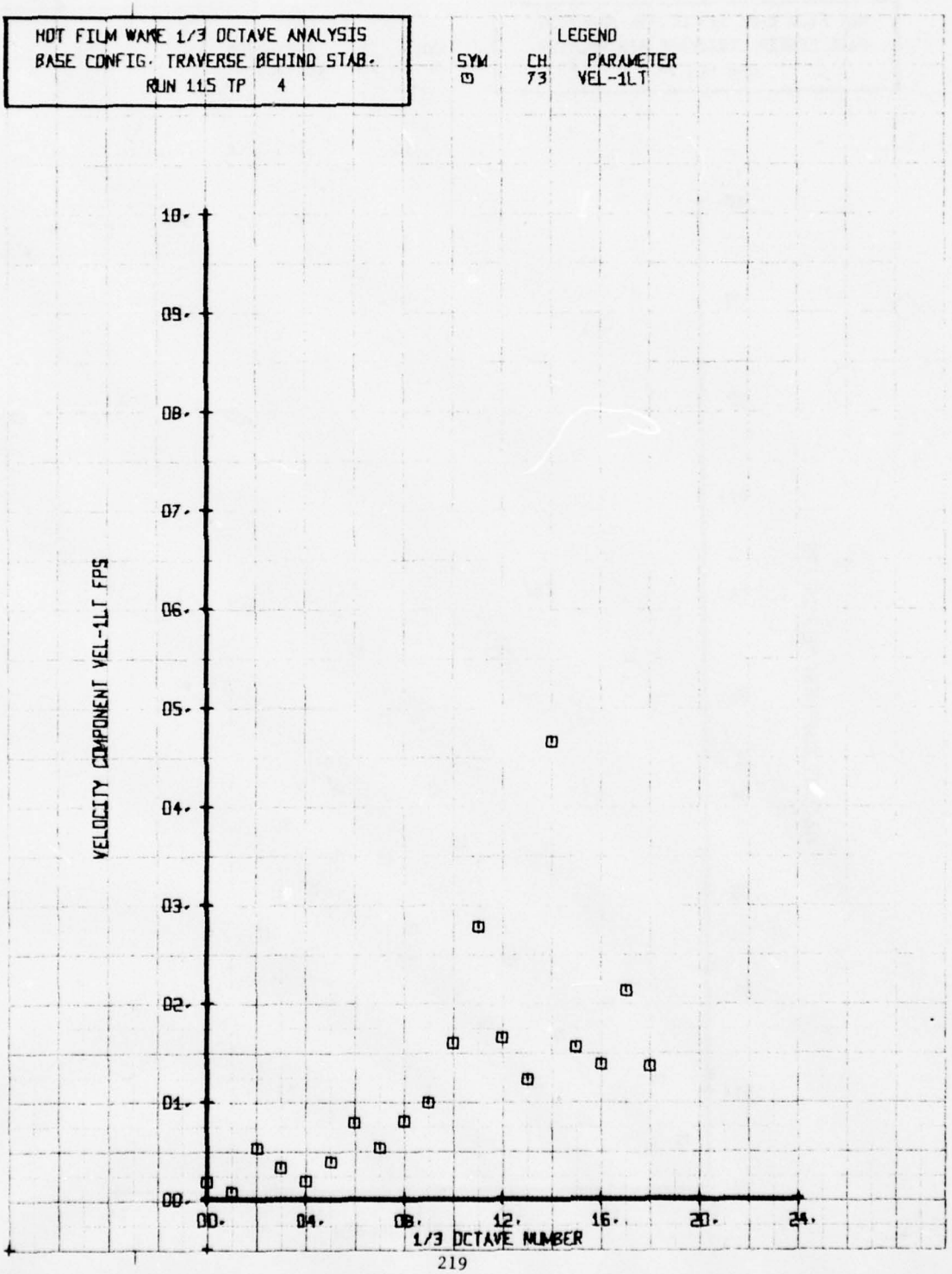

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 14
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
1/3 OCTAVE NUMBER
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HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 16
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER

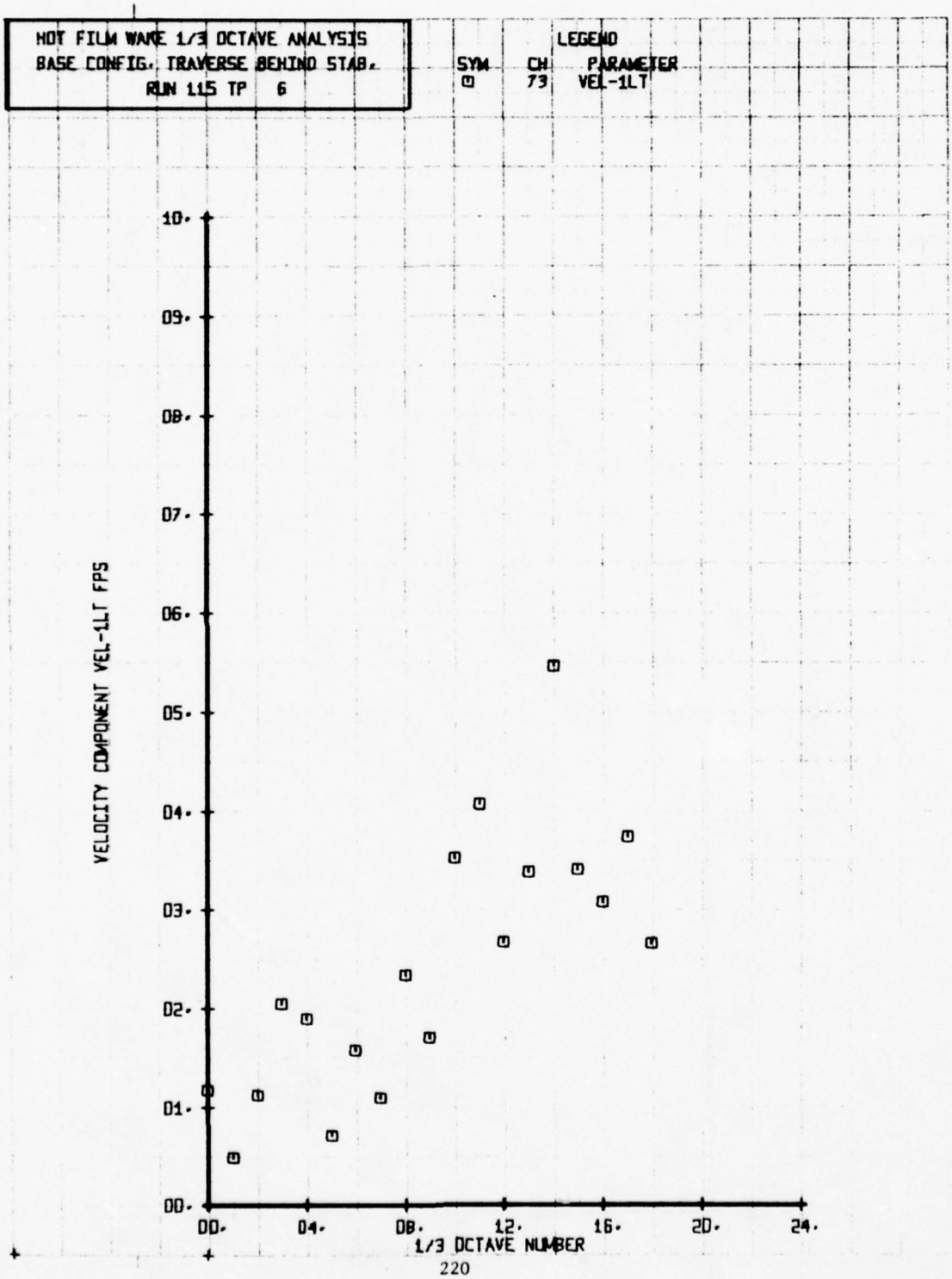

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 18
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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1/3 OCTAVE NUMBER

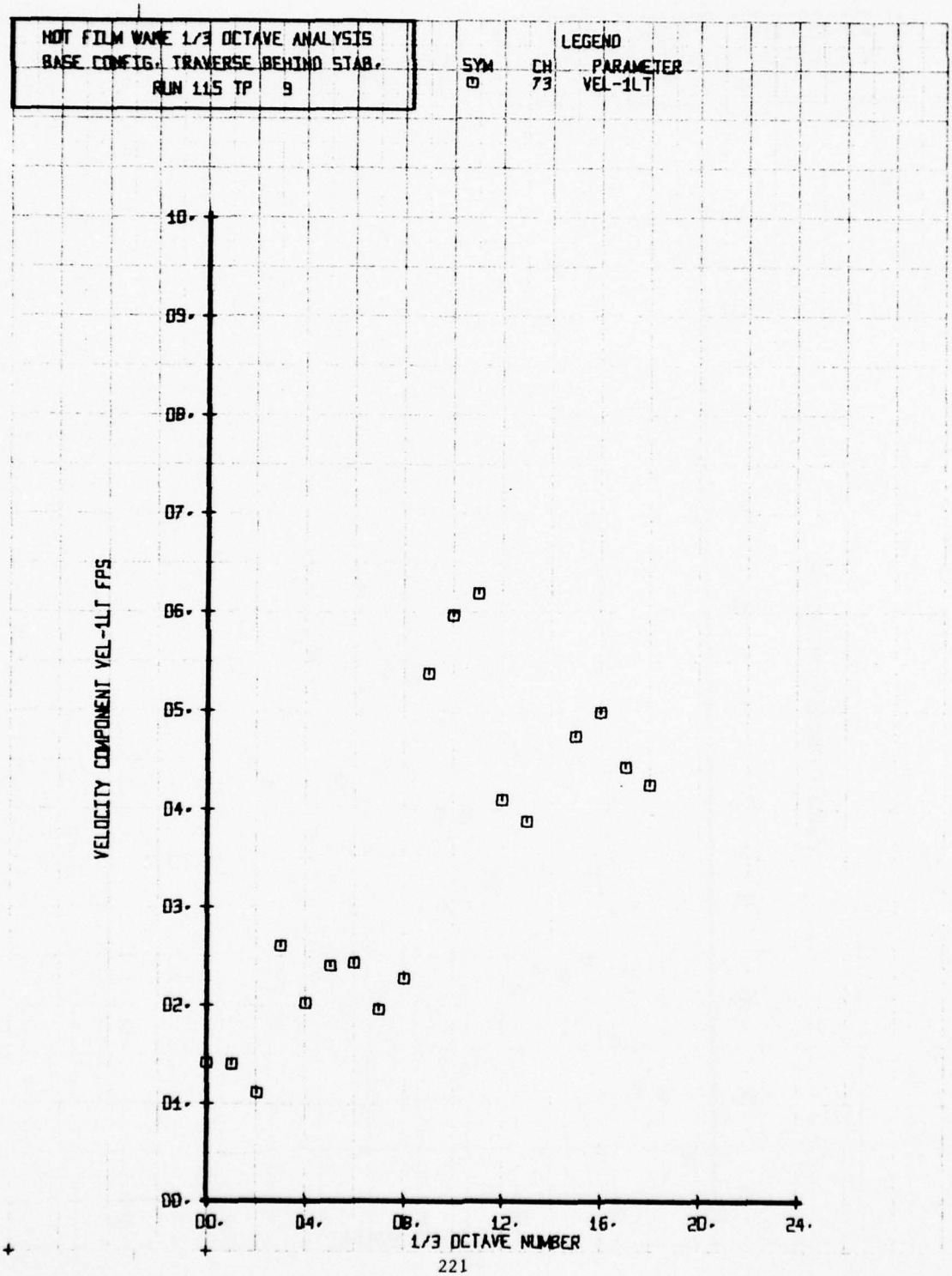

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAR.
RUN 115 TP 20
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 5
BVWT 169

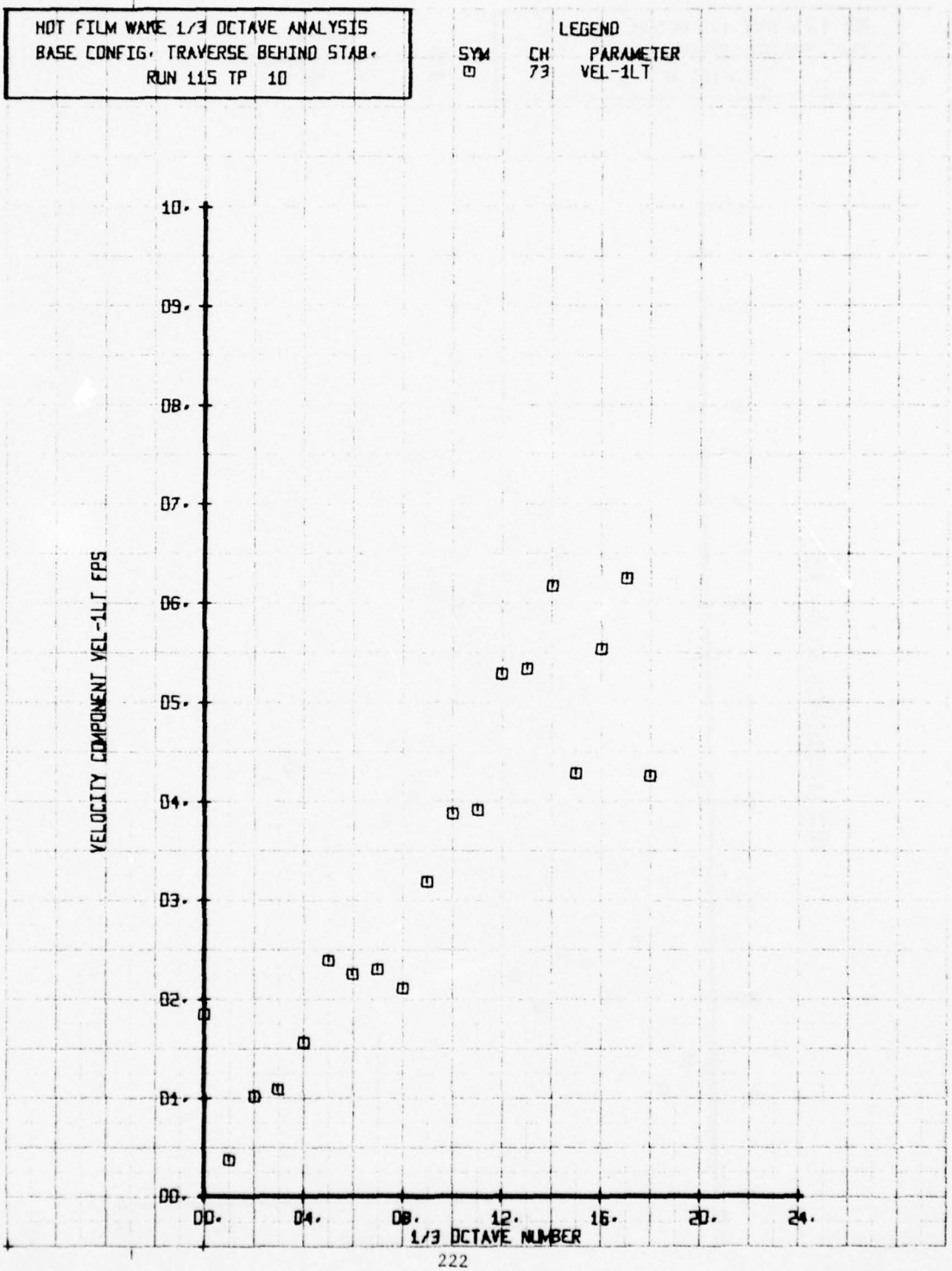

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 3
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER
ET S
WT 169
SET S
BVWT 169

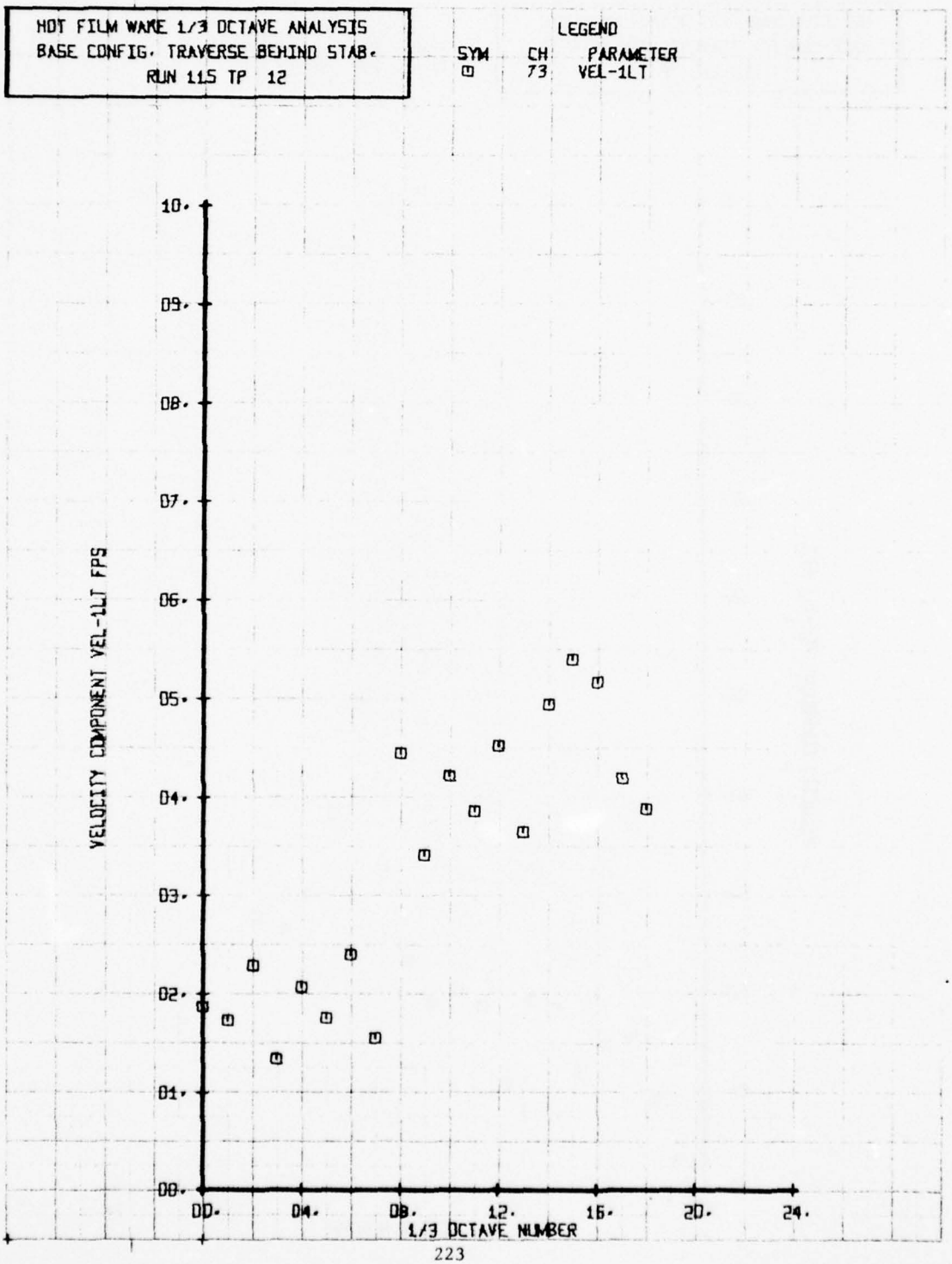

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 4
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

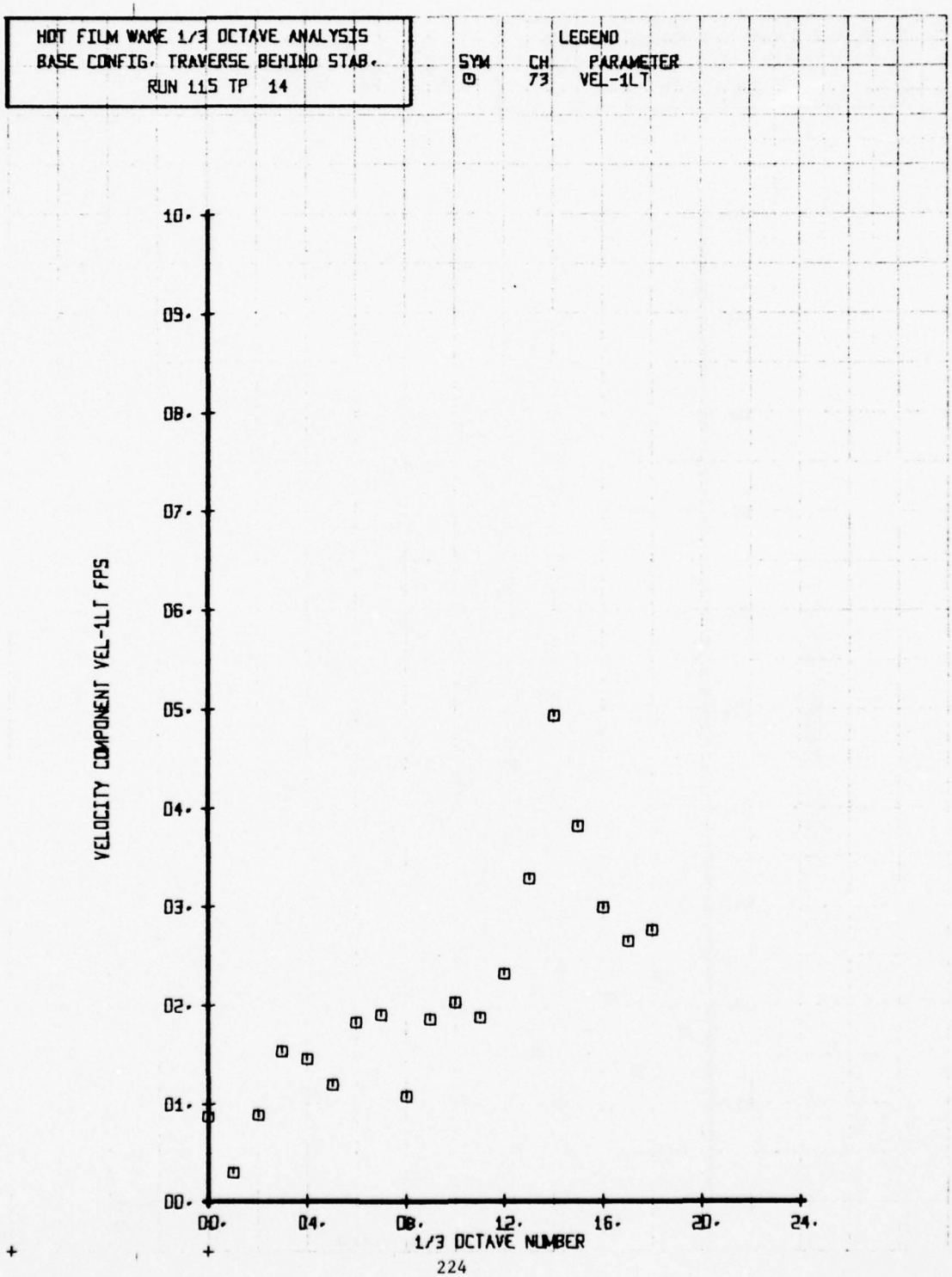
ET 5
WT 169

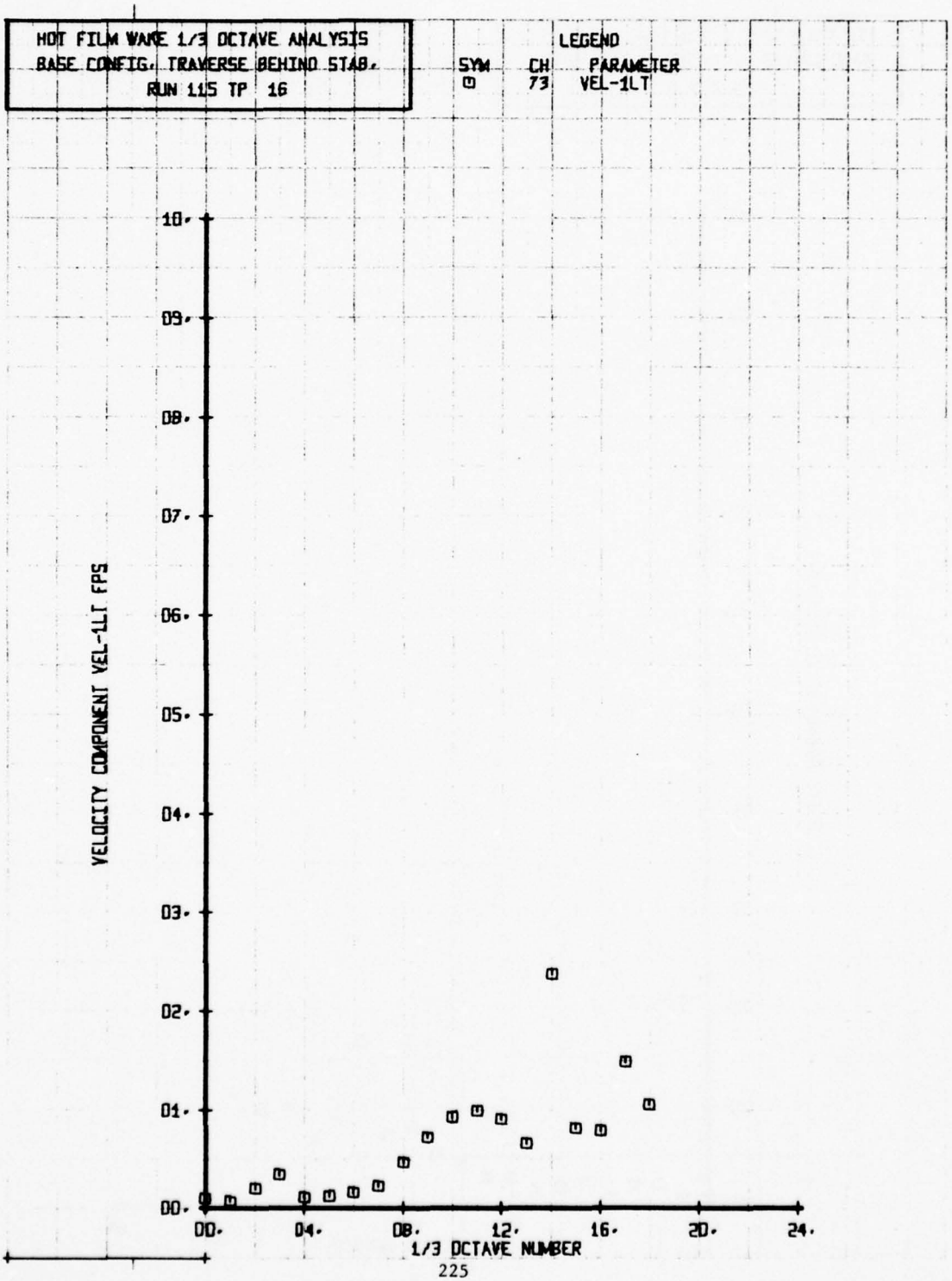

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 6
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

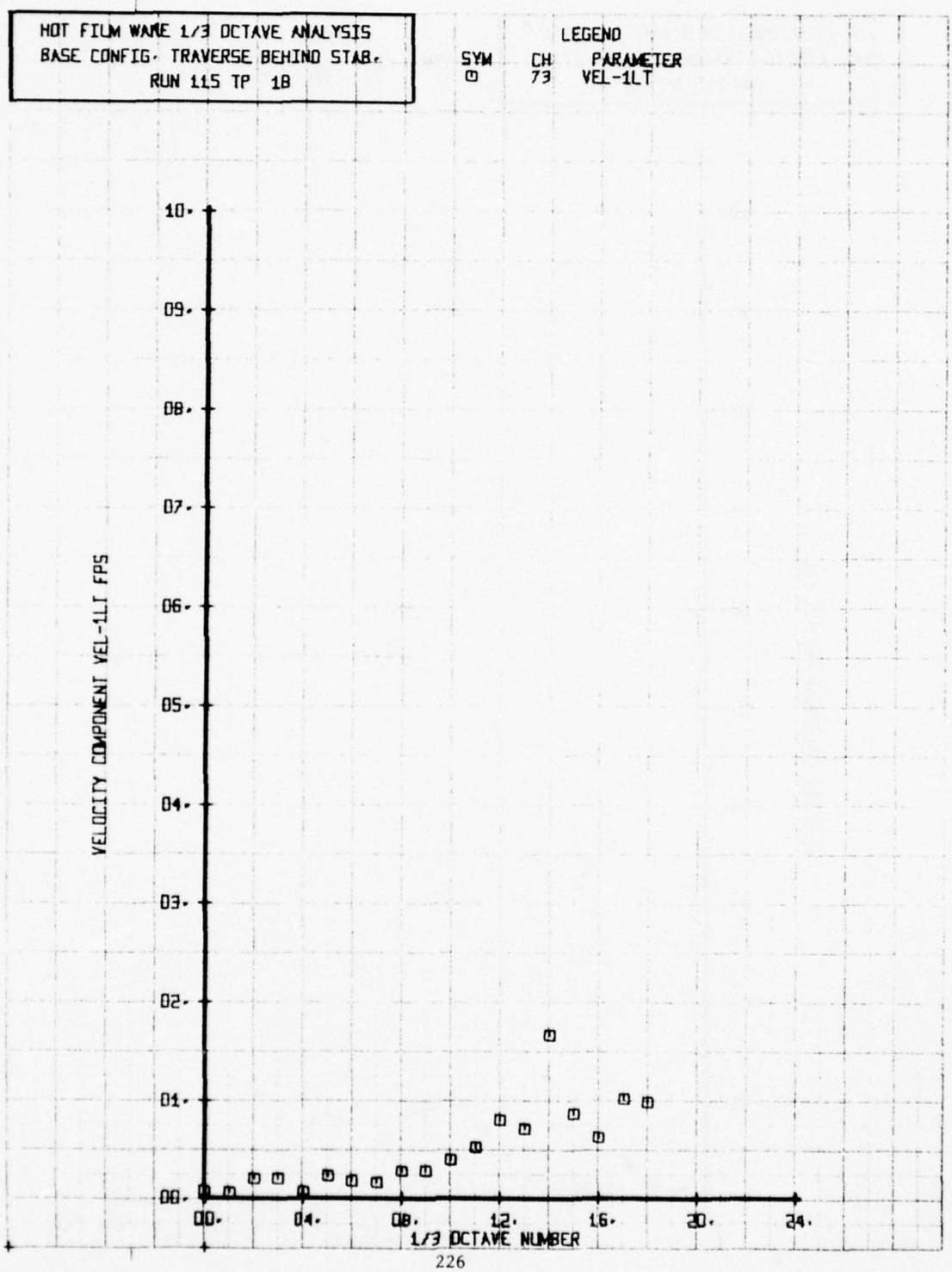

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 9
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

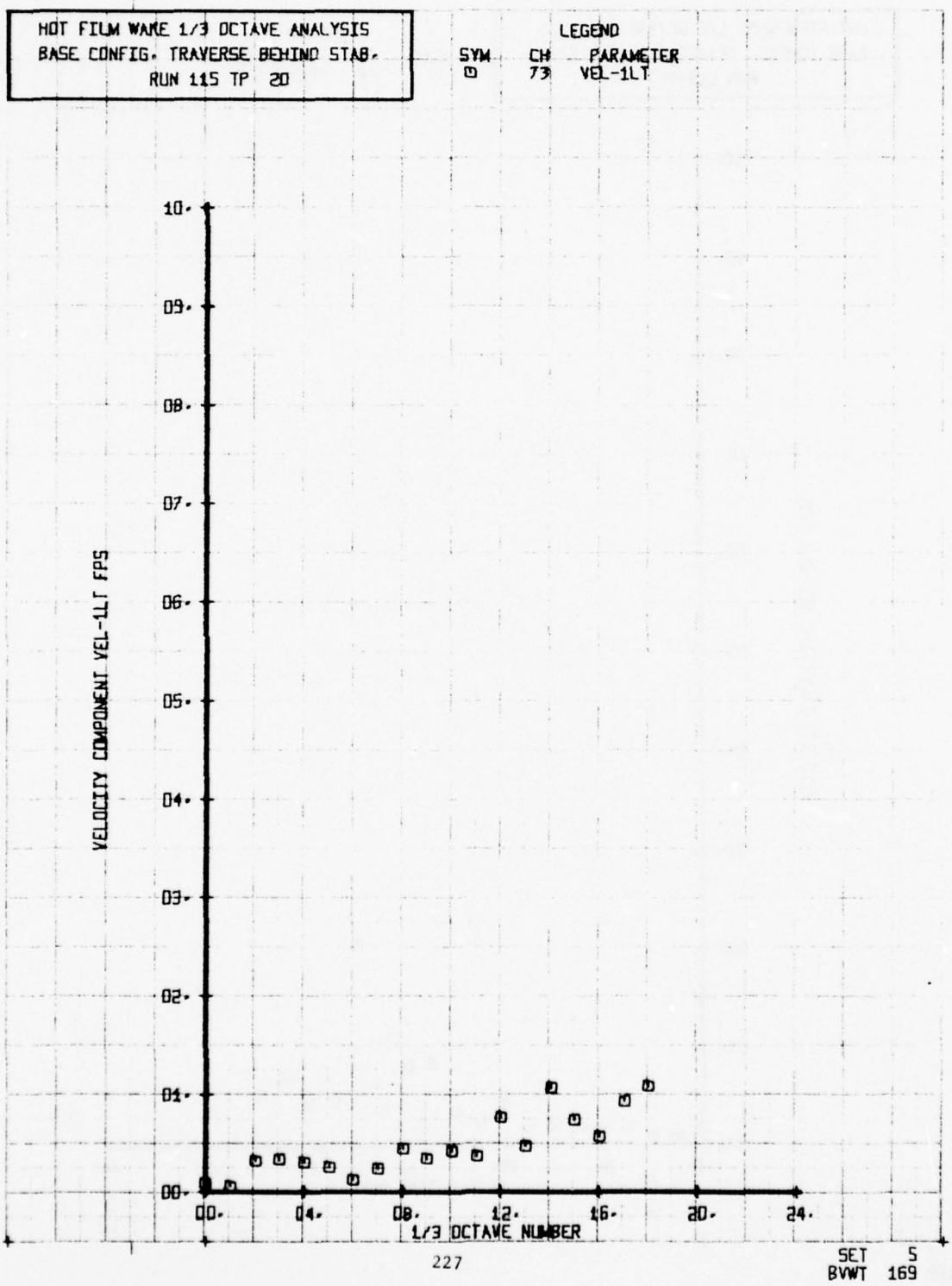

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 10
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

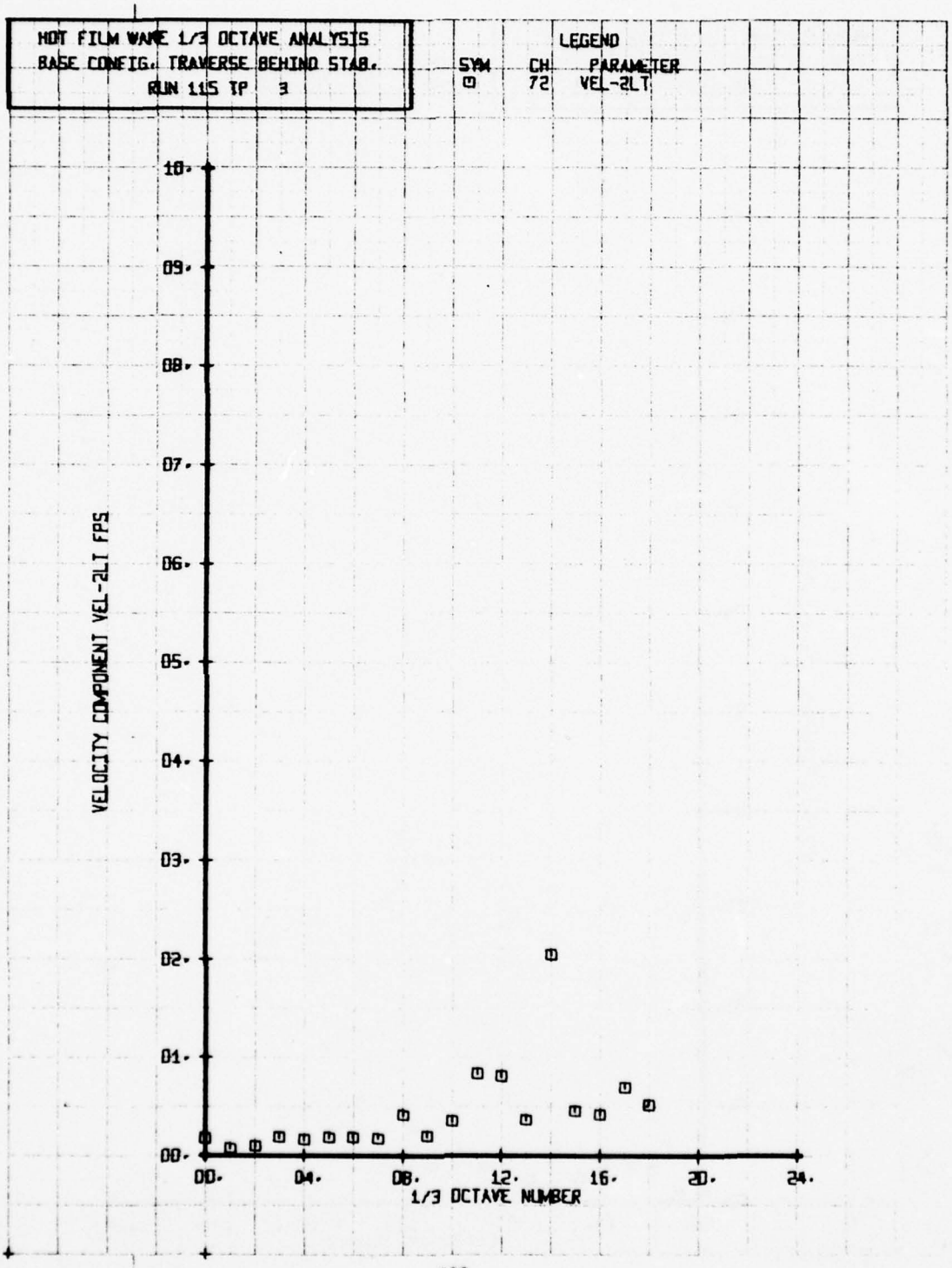

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 12
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

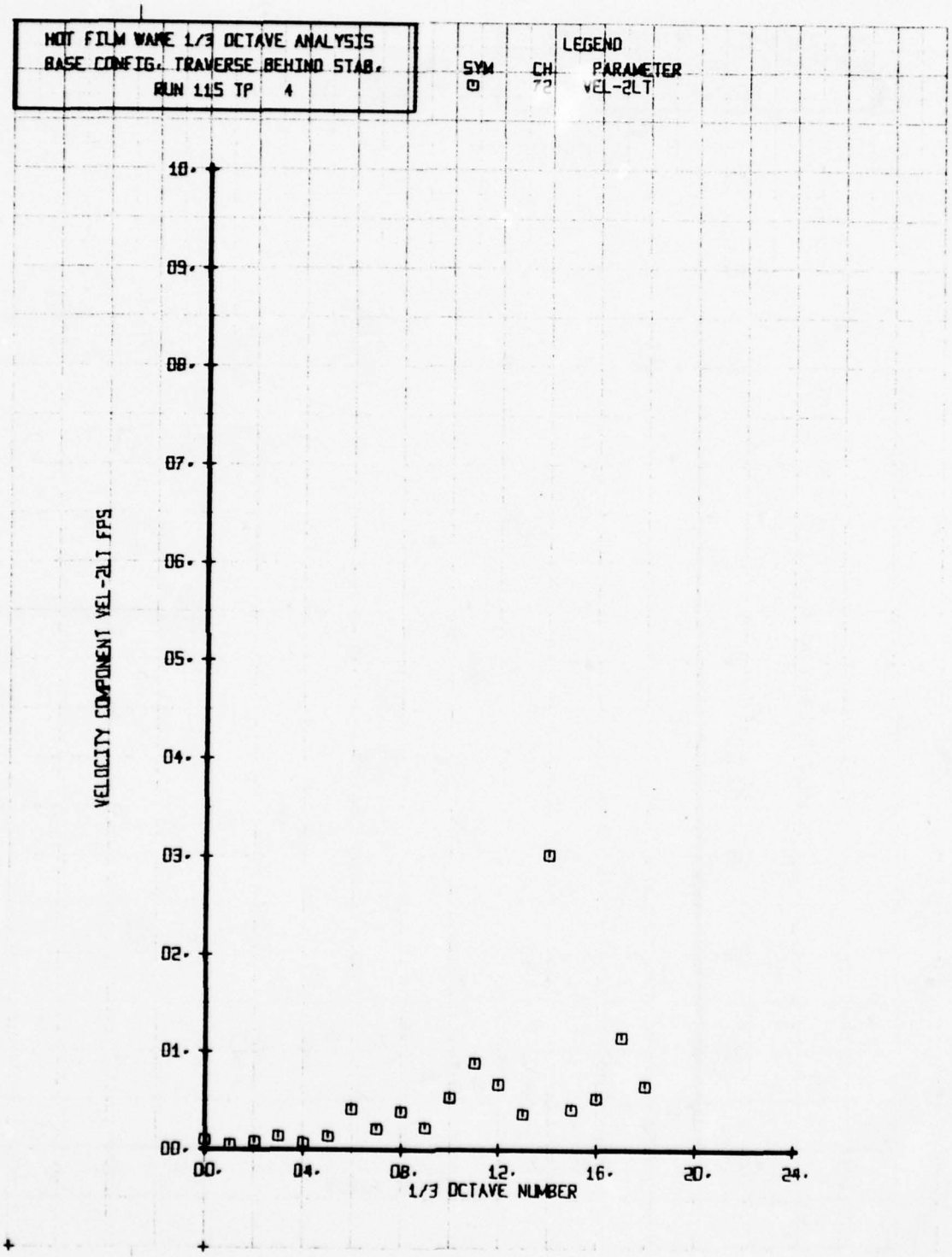

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 14
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

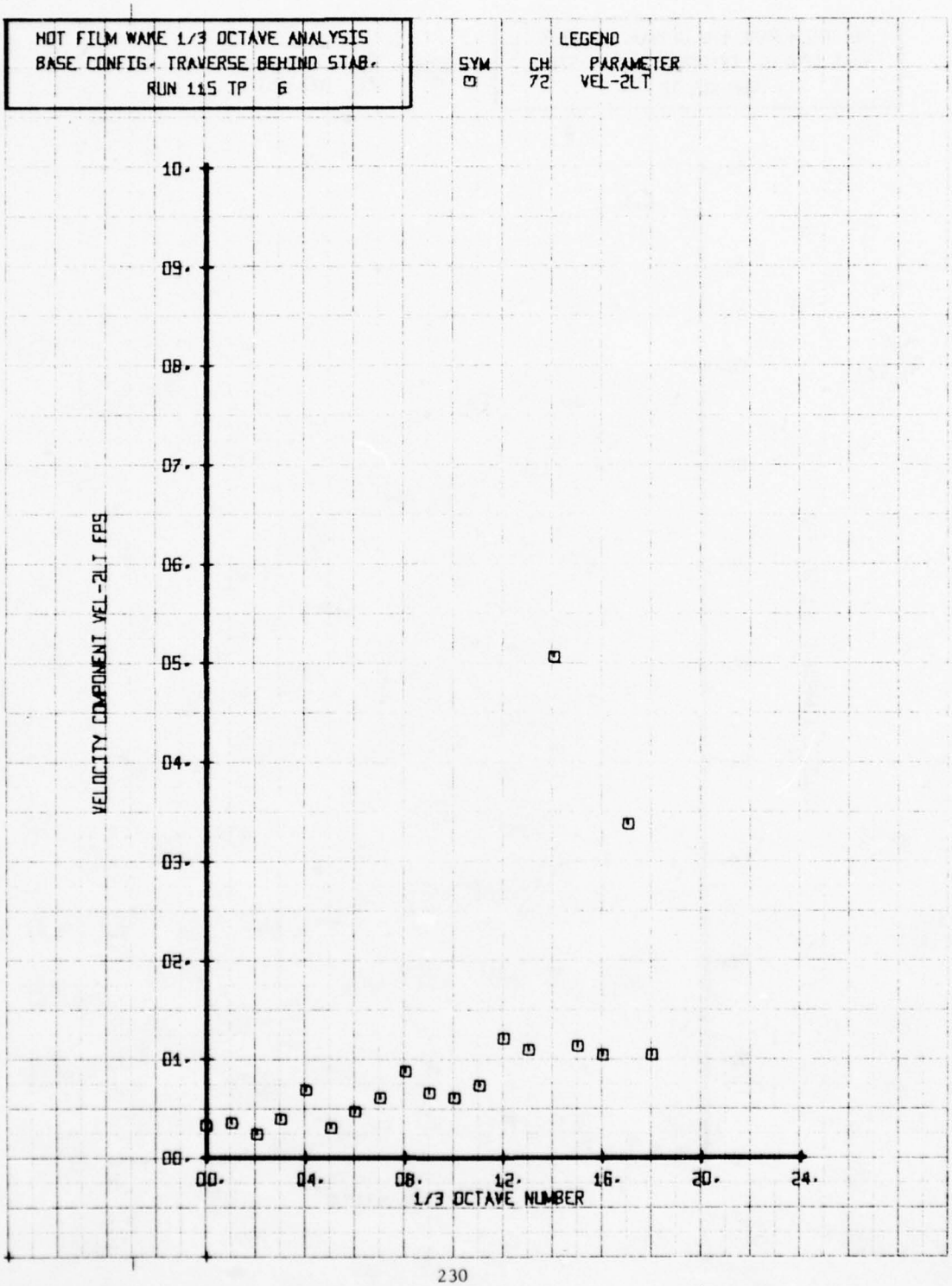

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 16
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

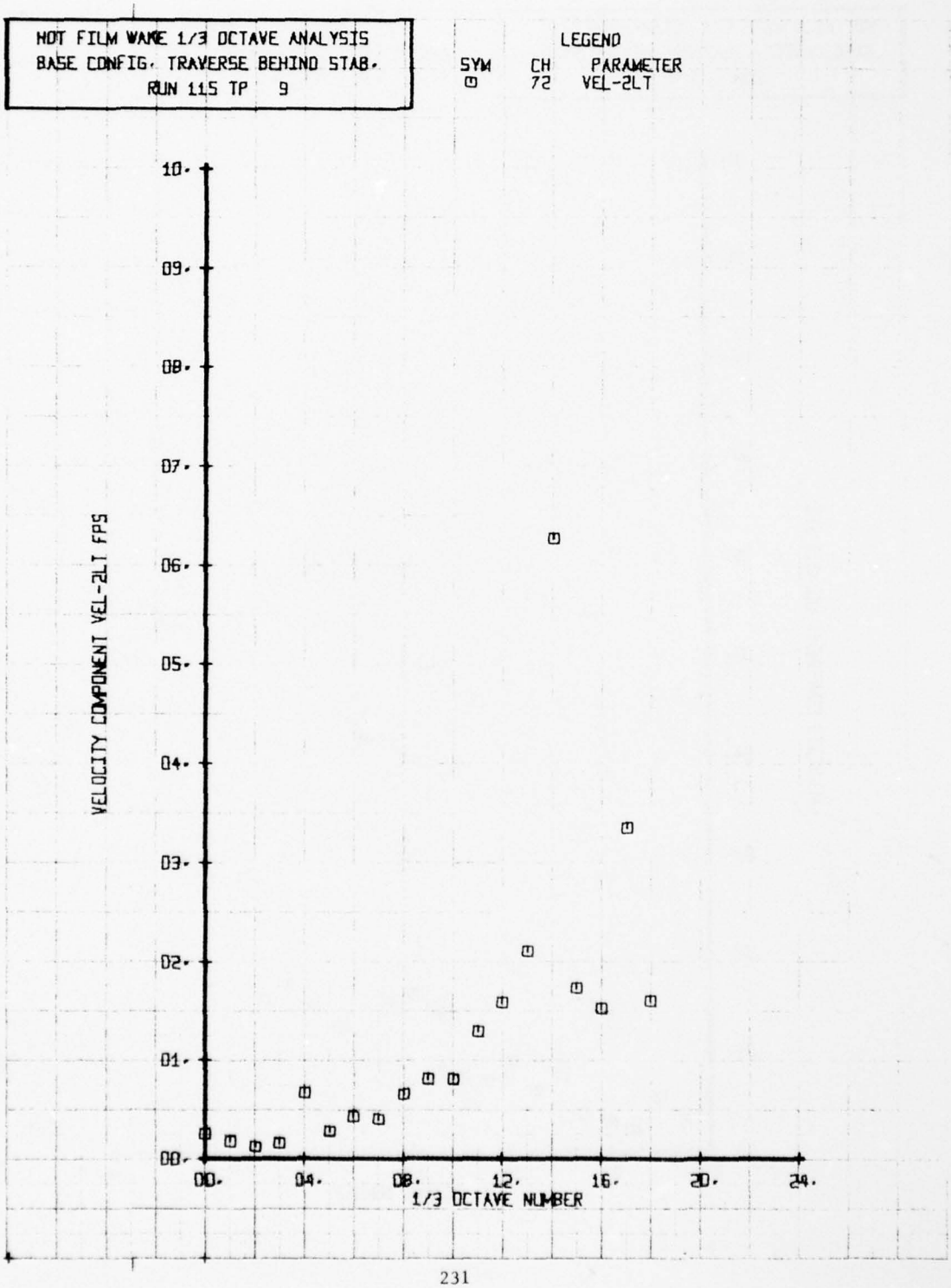

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 18
LEGEND
SYM CH PARAMETER
73 VEL-1LT
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VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

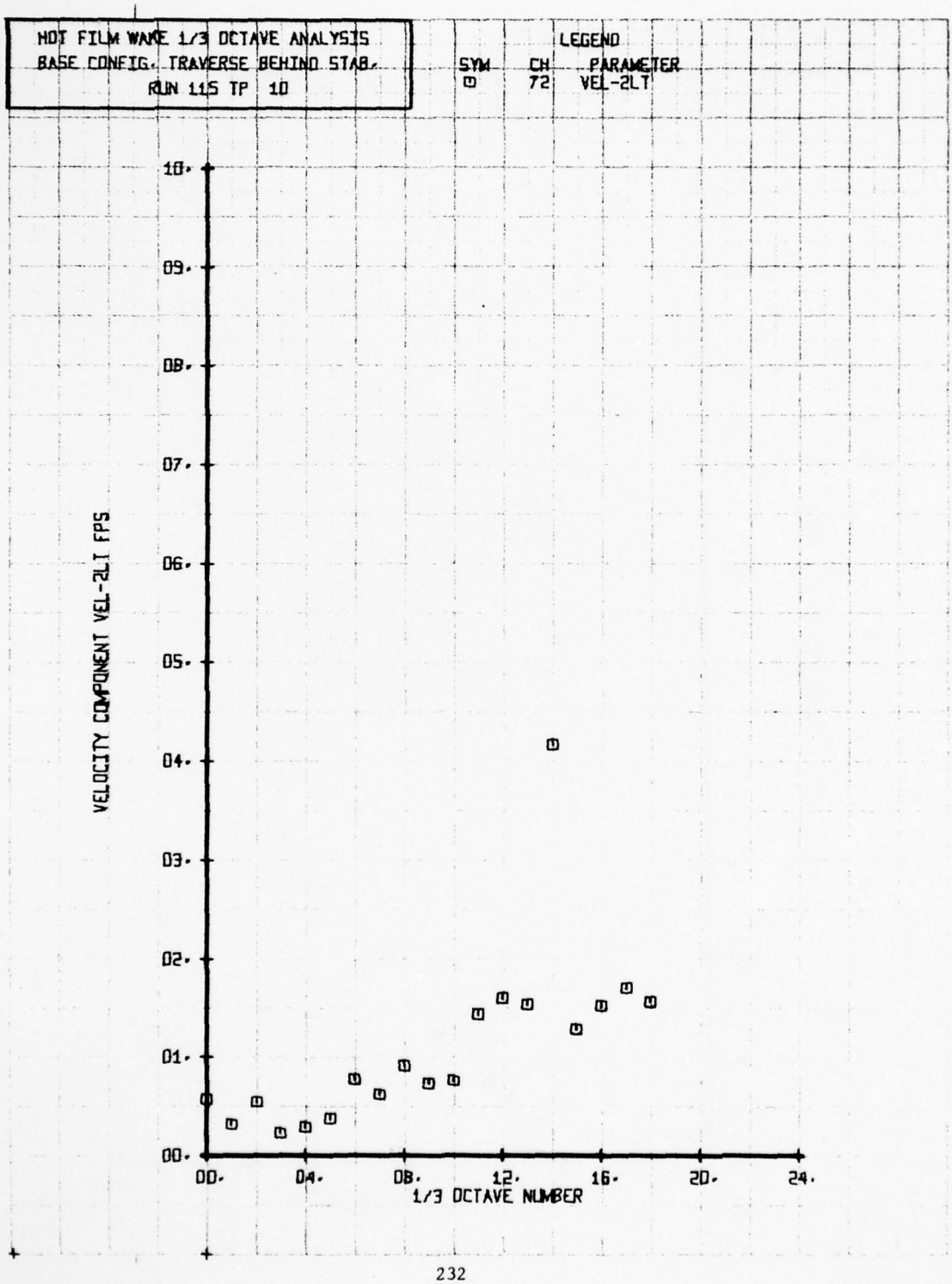

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 20
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER
SET 5
BVWT 169

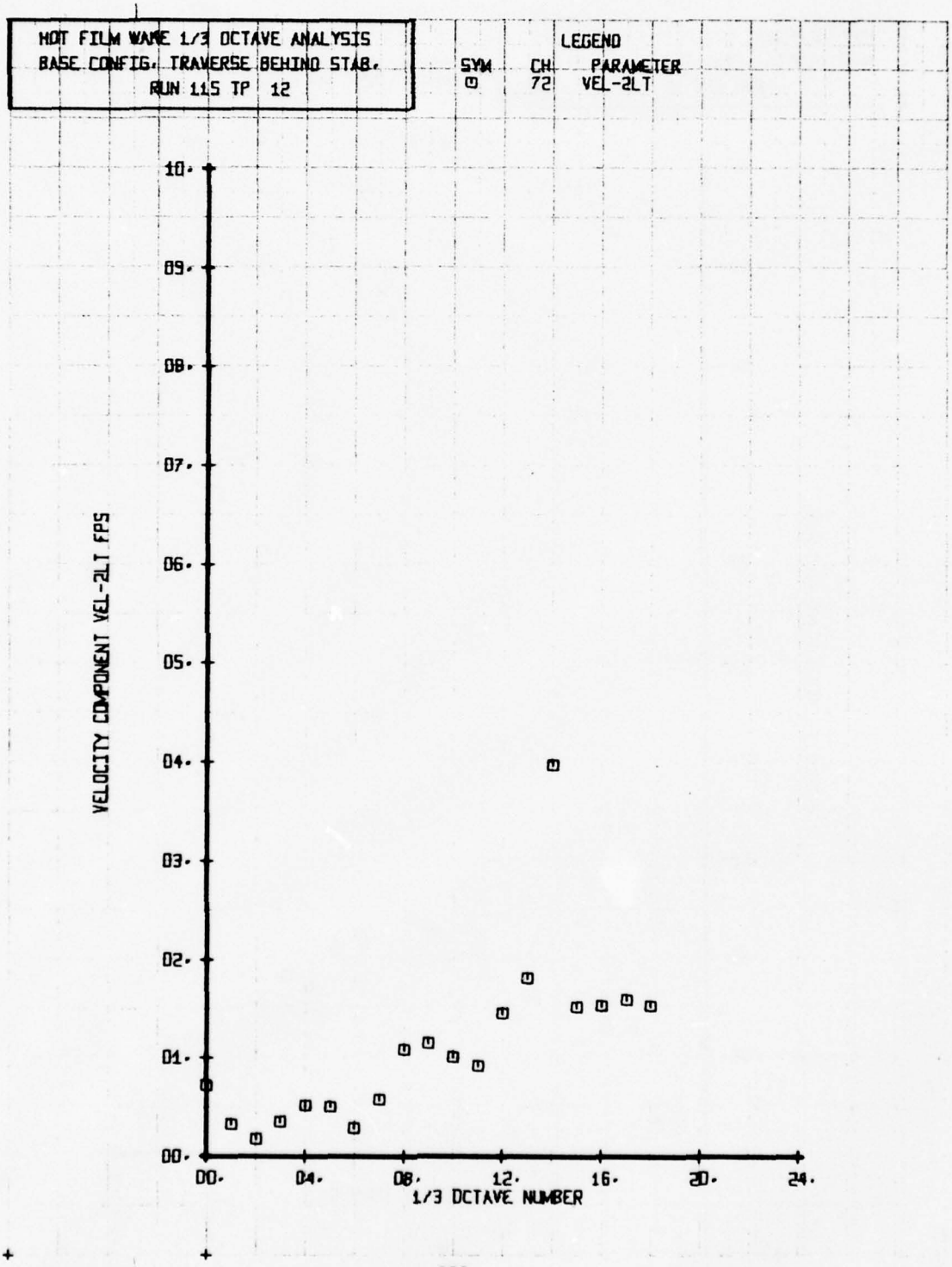

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 3
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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16.
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24.
1/3 OCTAVE NUMBER
ET 5
WT 169

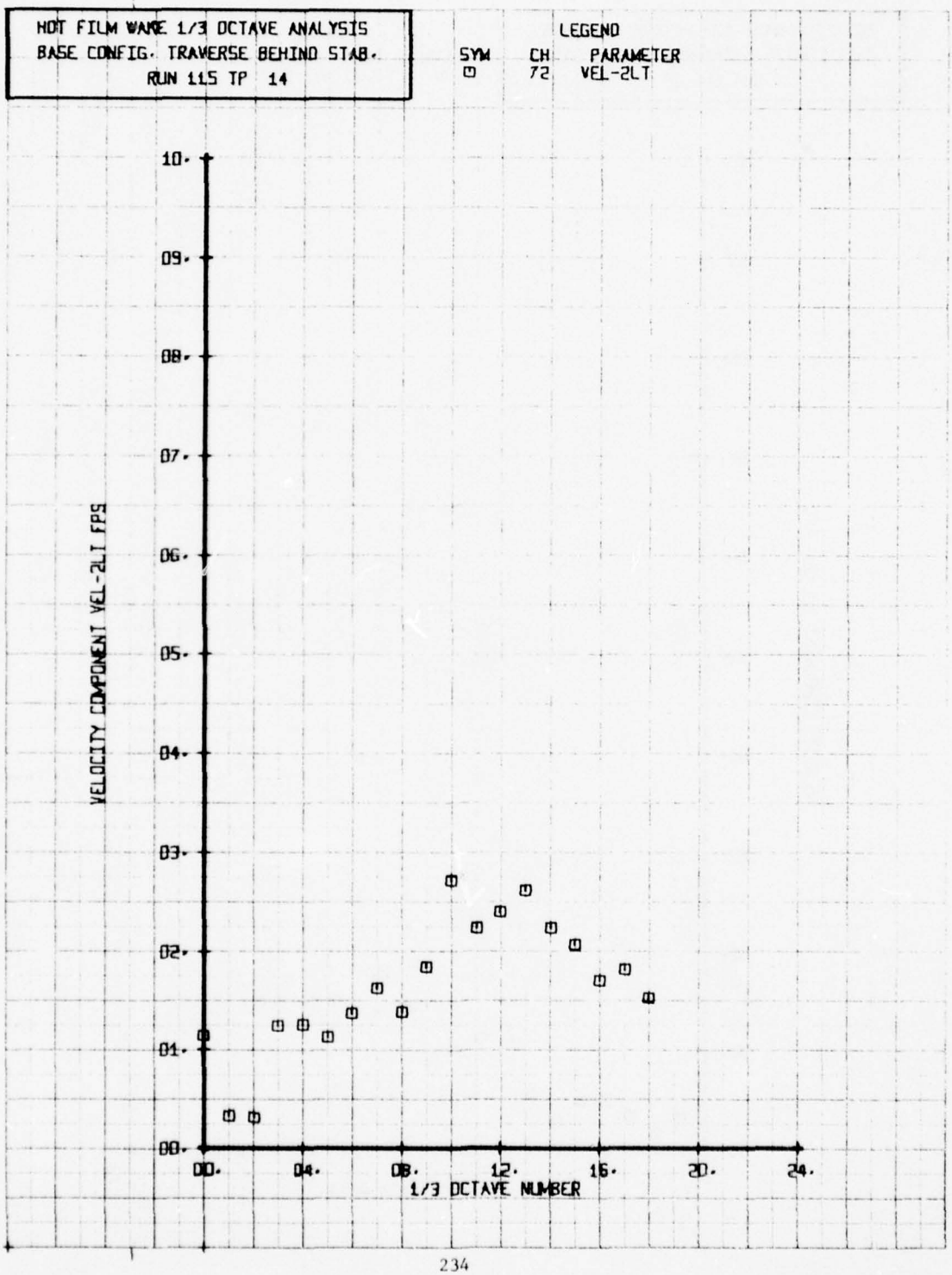

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 4
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
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1/3 OCTAVE NUMBER

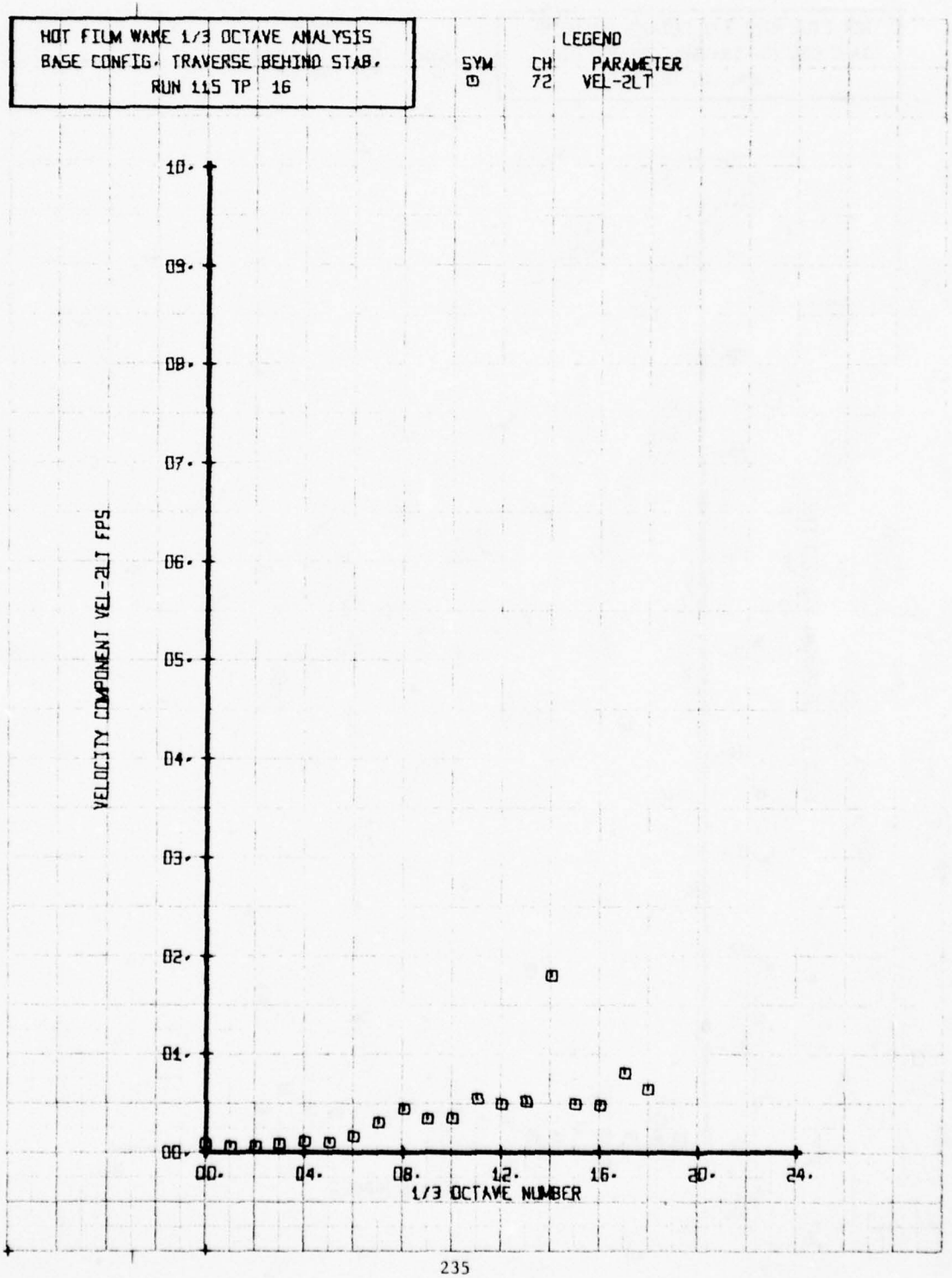

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 6
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
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1/3 OCTAVE NUMBER

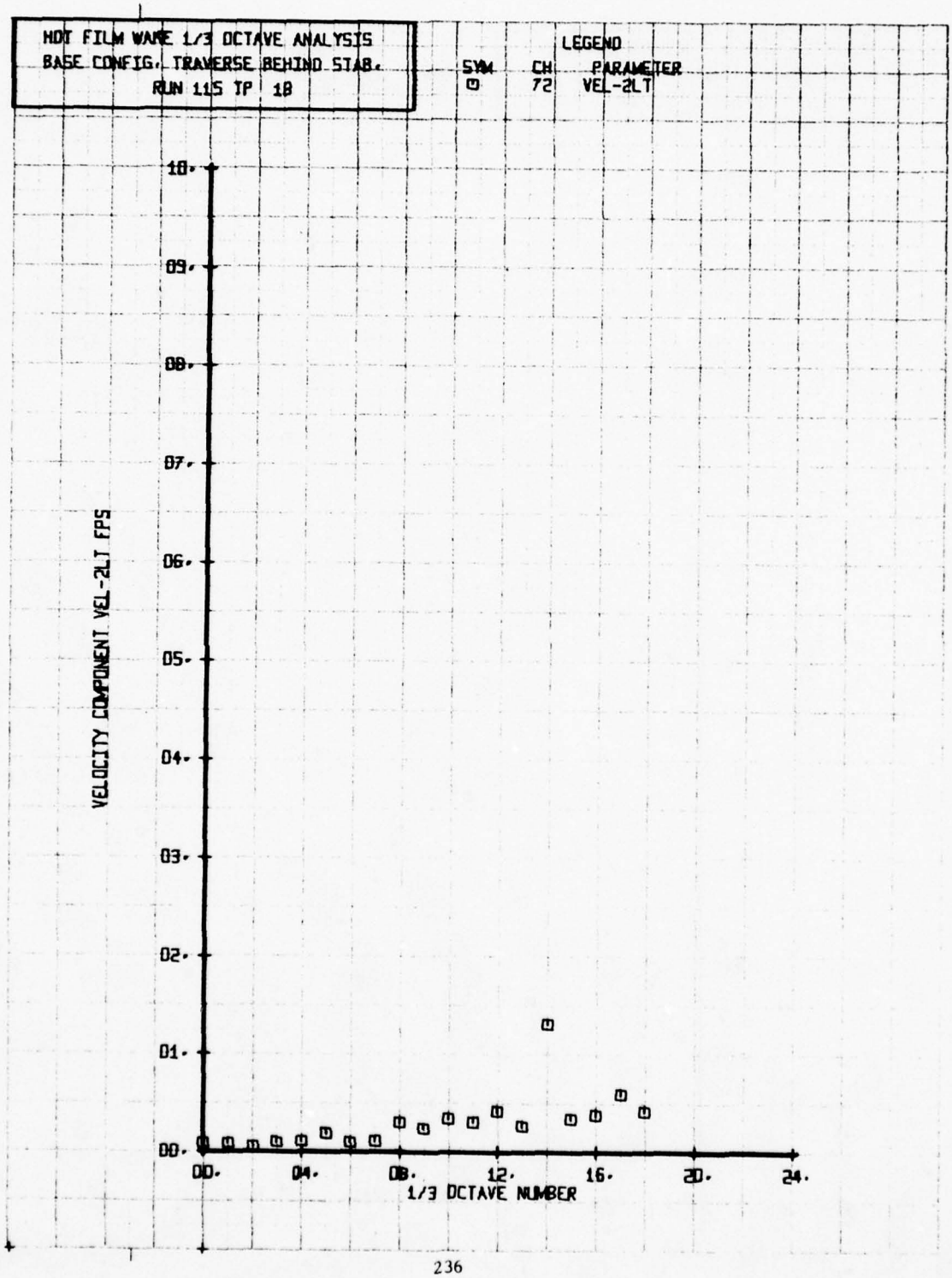

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 9
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

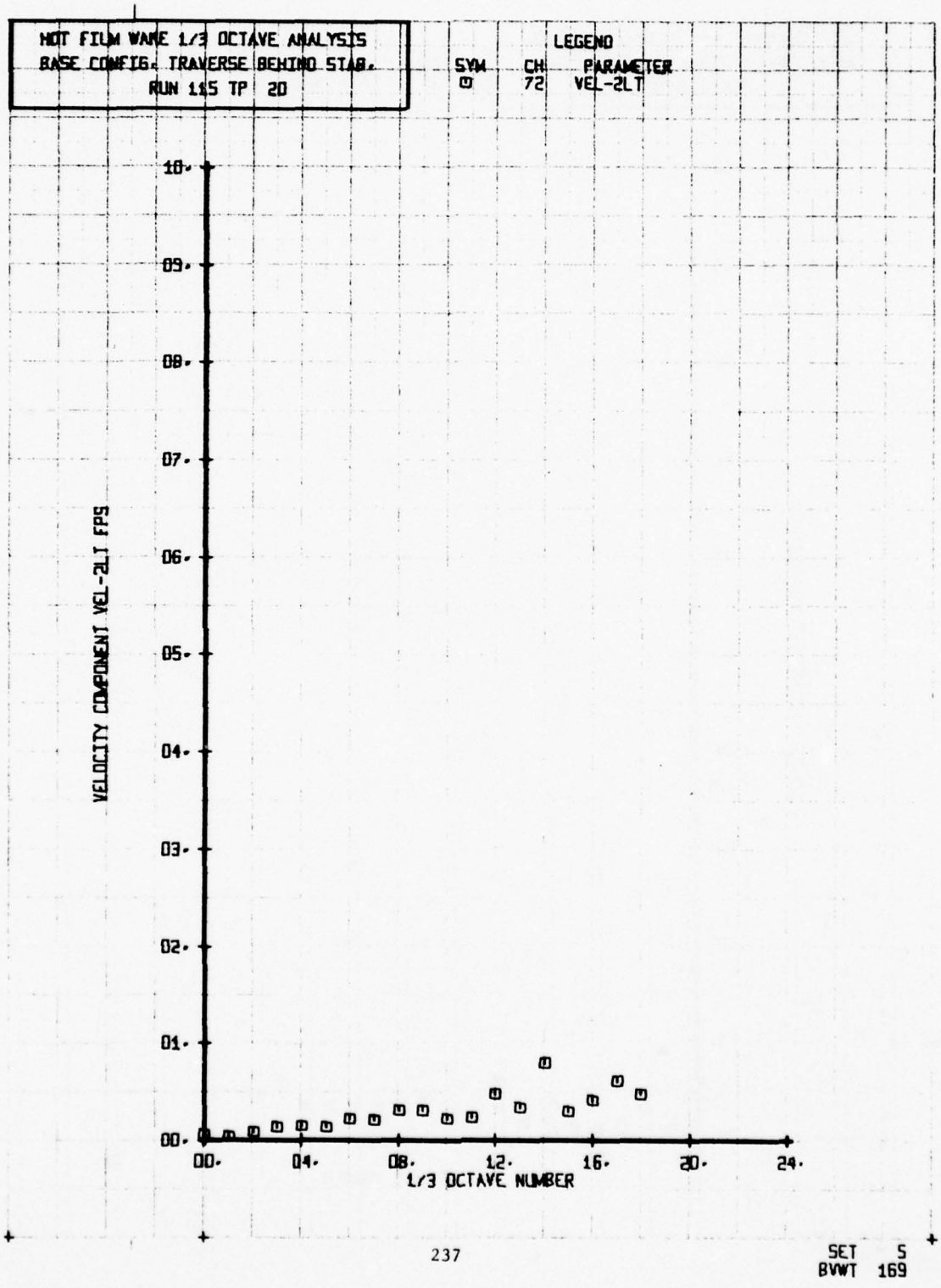

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 10
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
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1/3 OCTAVE NUMBER

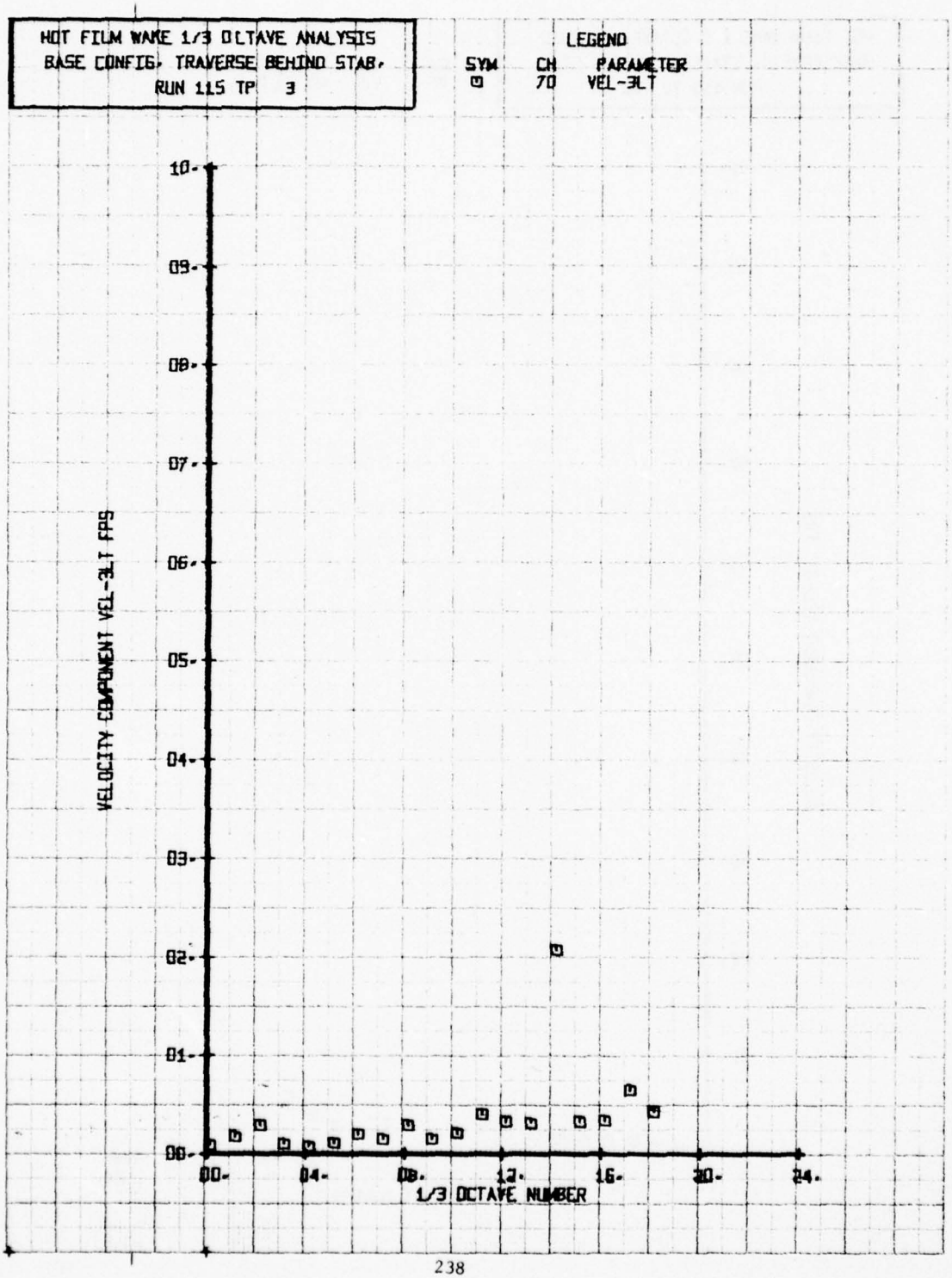

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 12
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 14
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

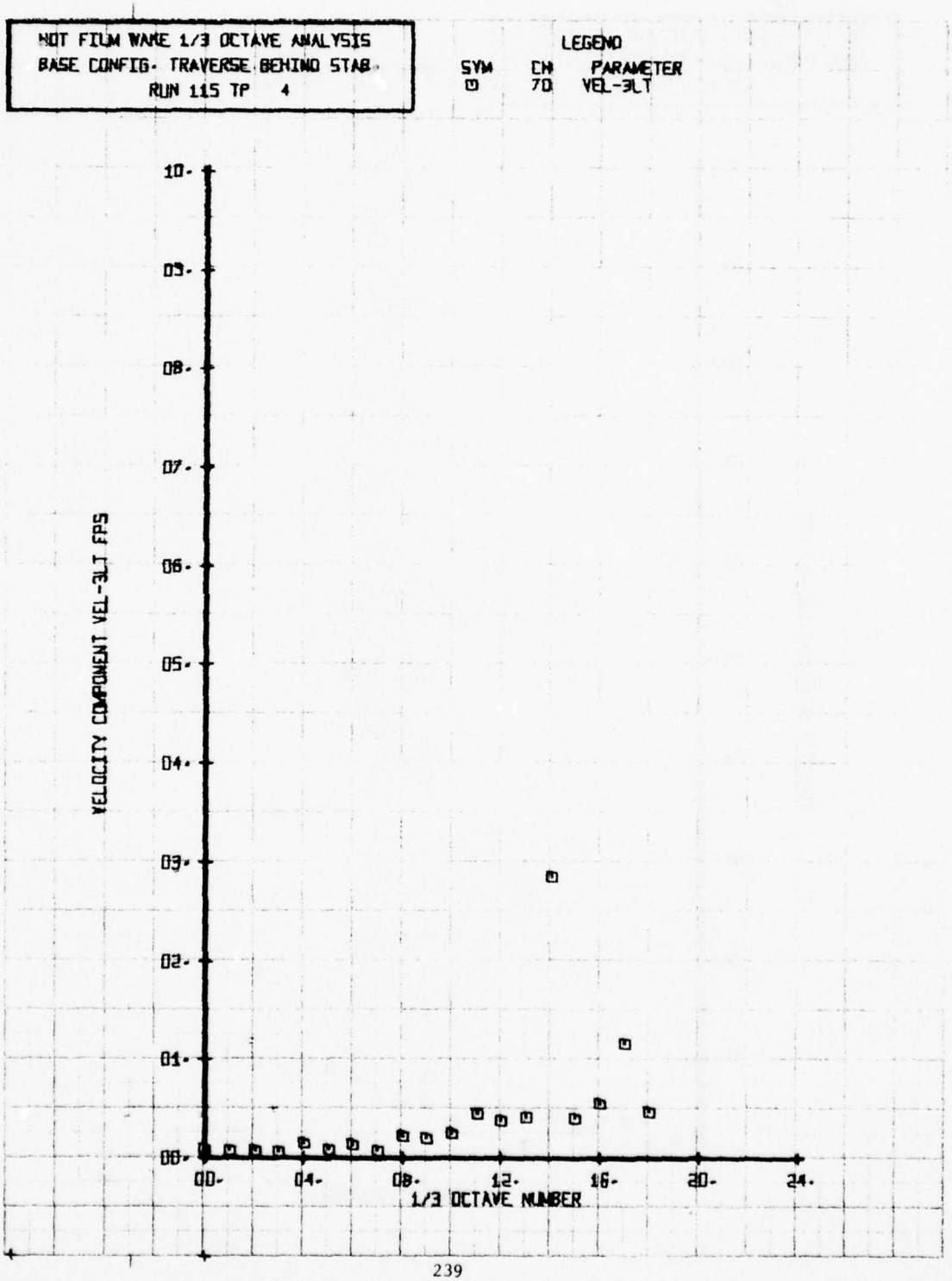

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 16
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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24.
1/3 OCTAVE NUMBER

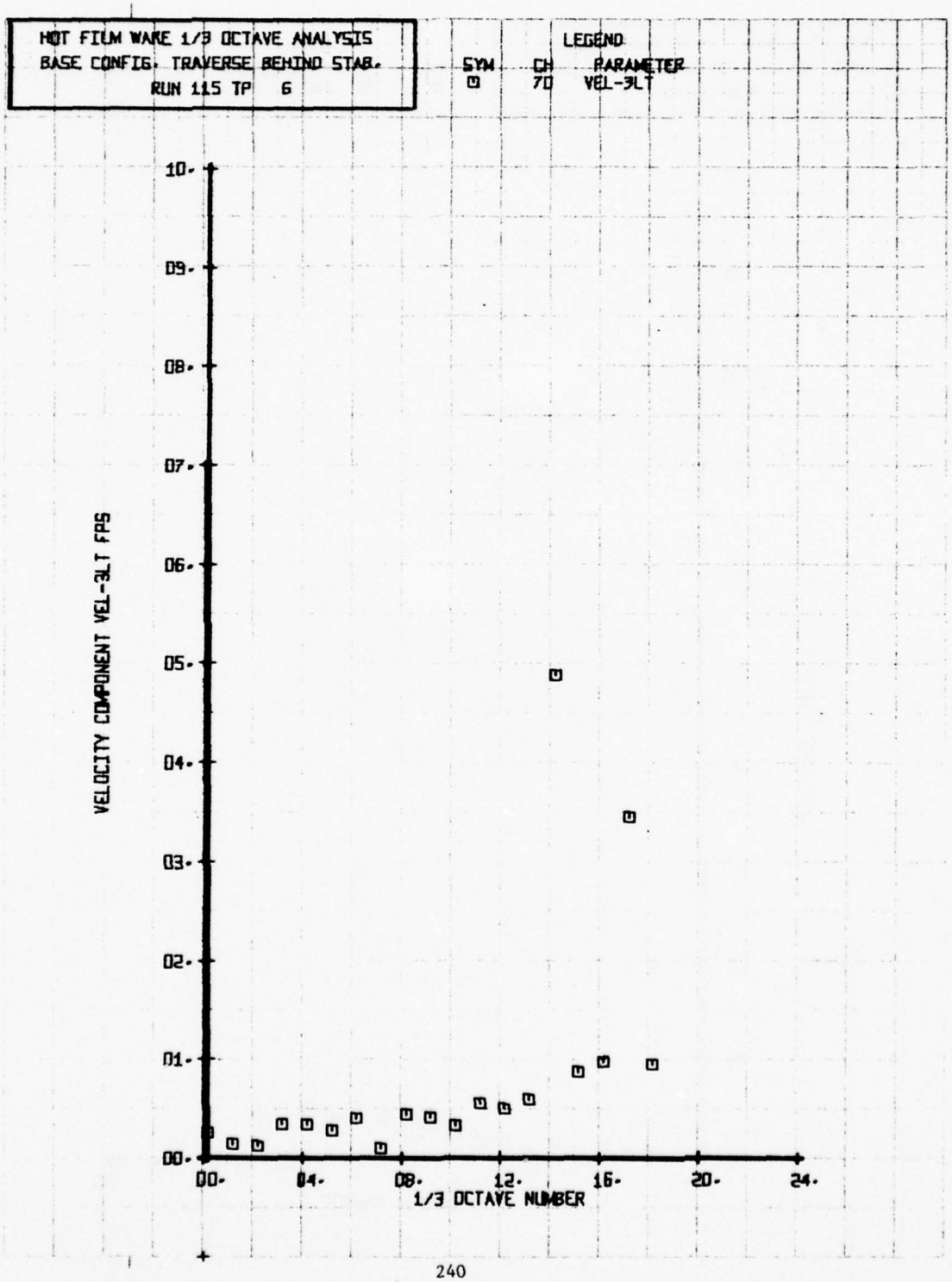

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 18
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

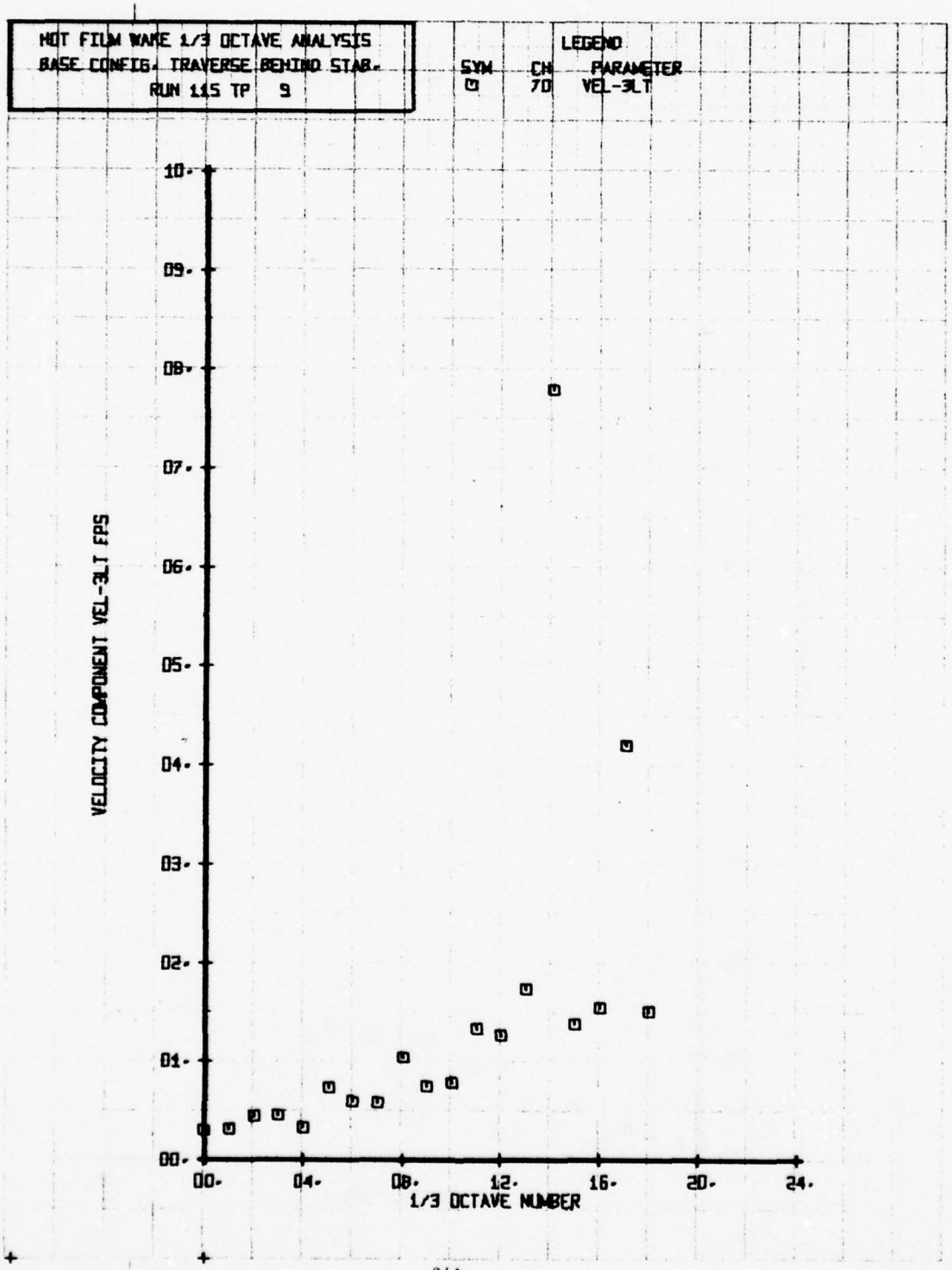

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 20
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER
SET 5
BVWT 169

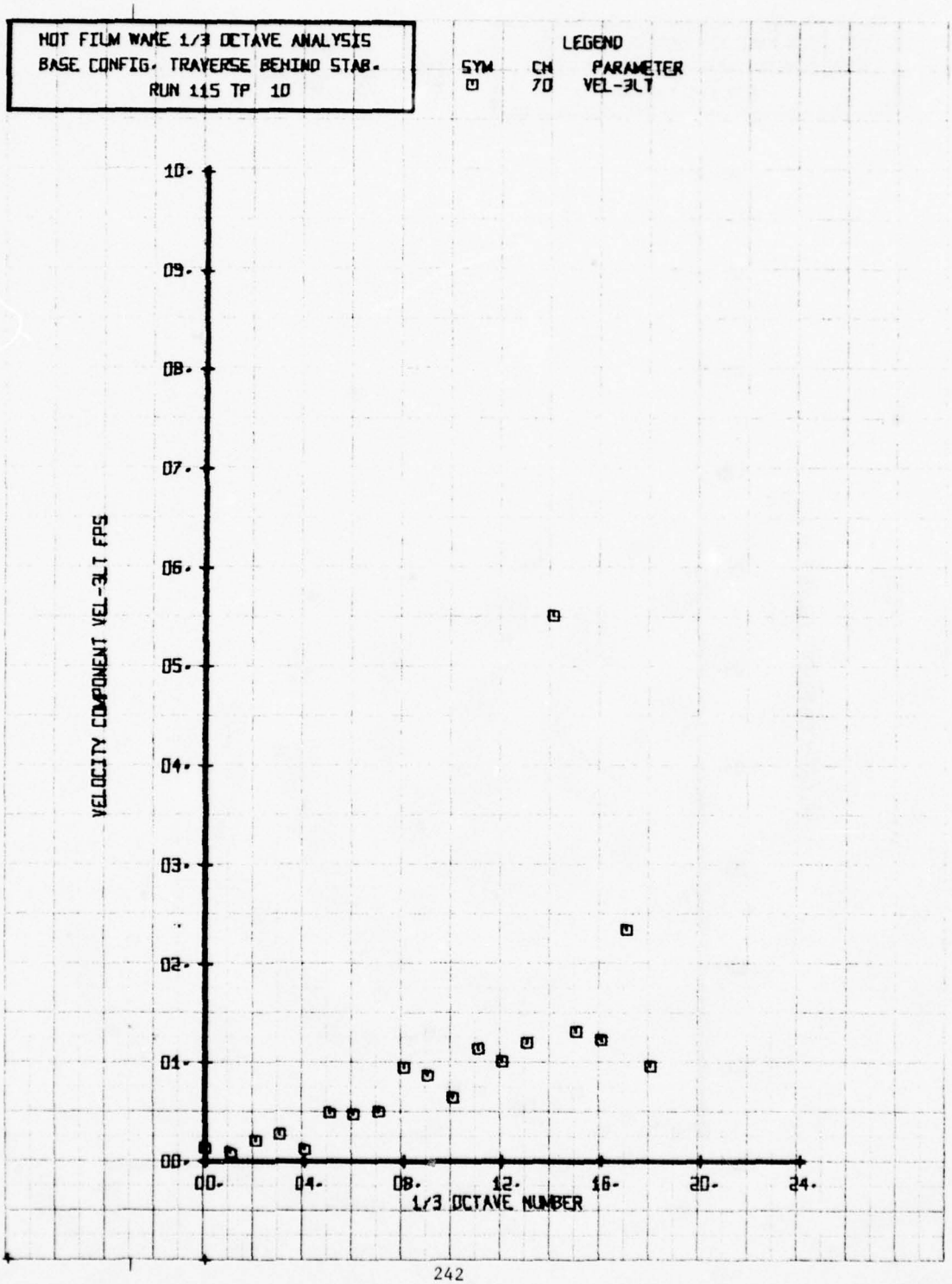

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 3
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

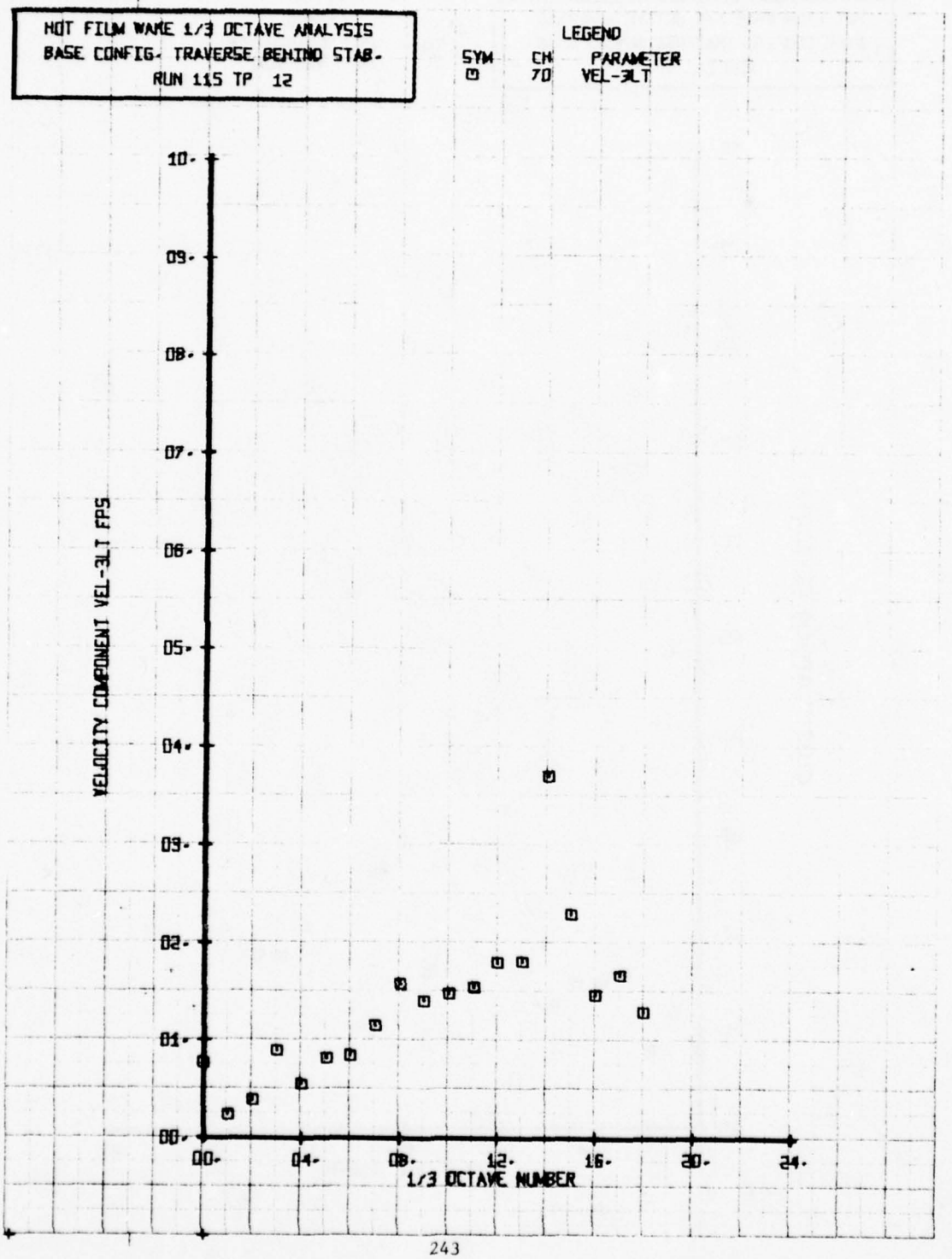
ET 5
NT 169

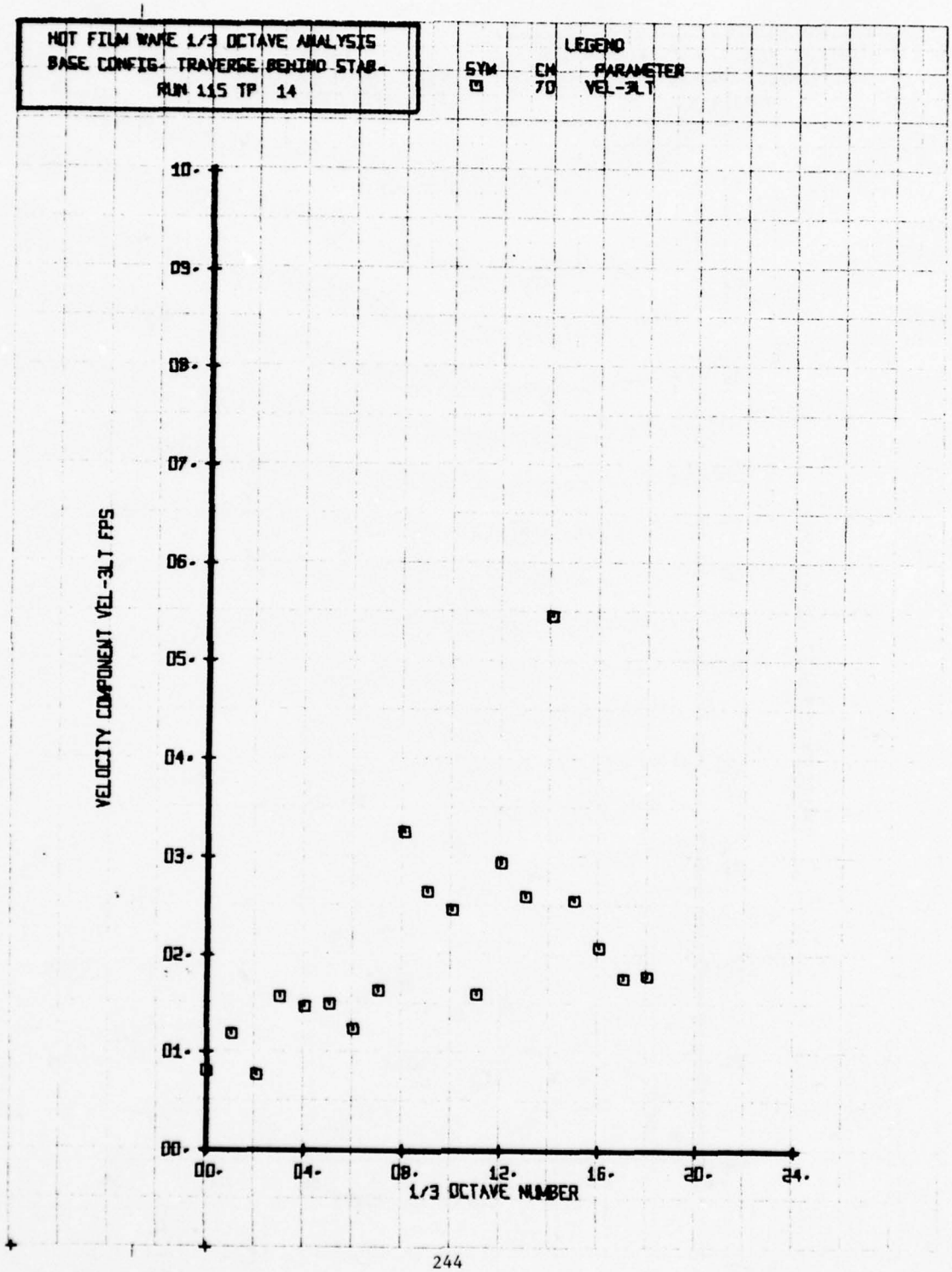

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 4
LEGEND
SYM CH PARAMETER
7D VEL-3LT
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VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

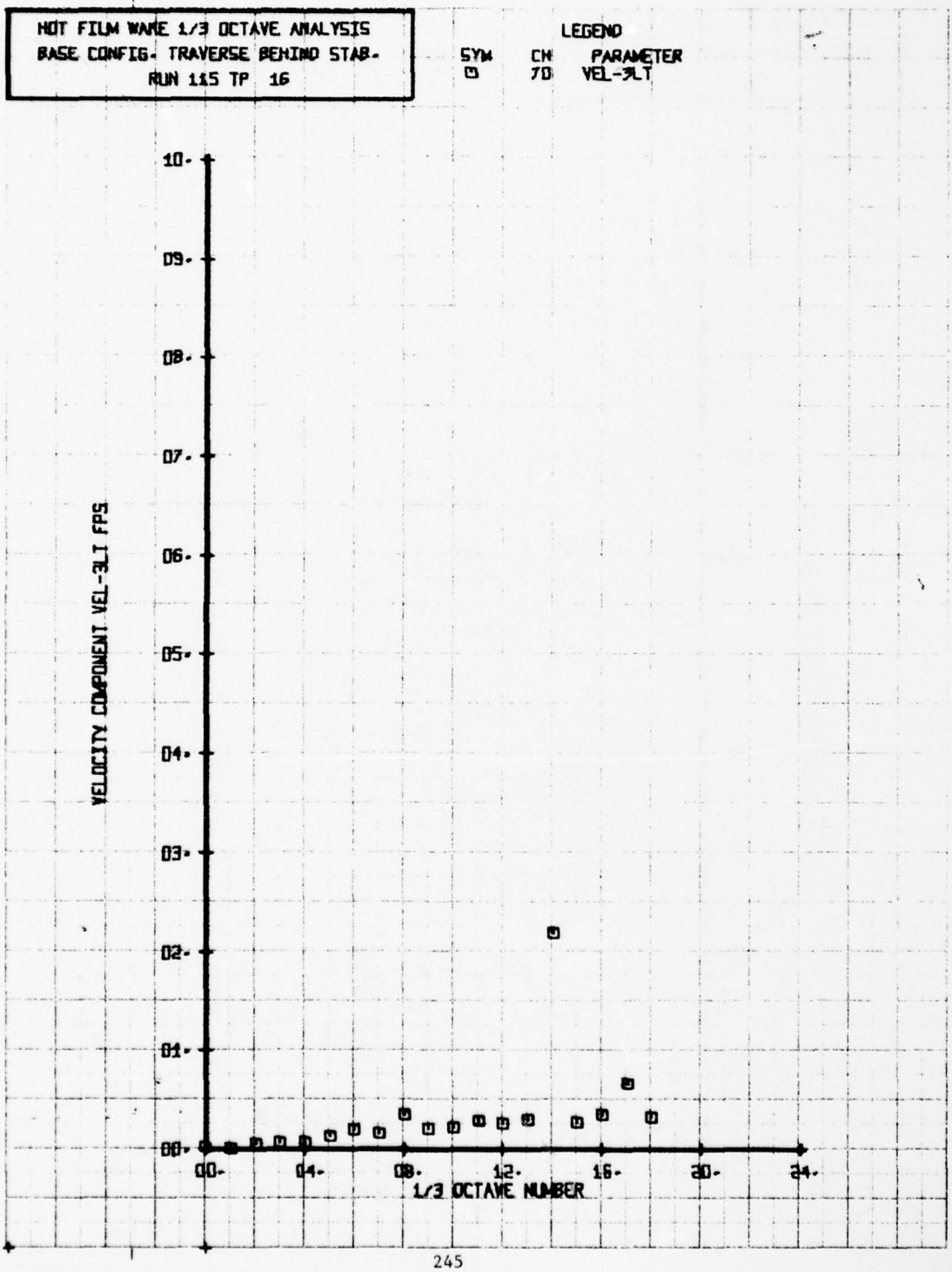

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 6
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

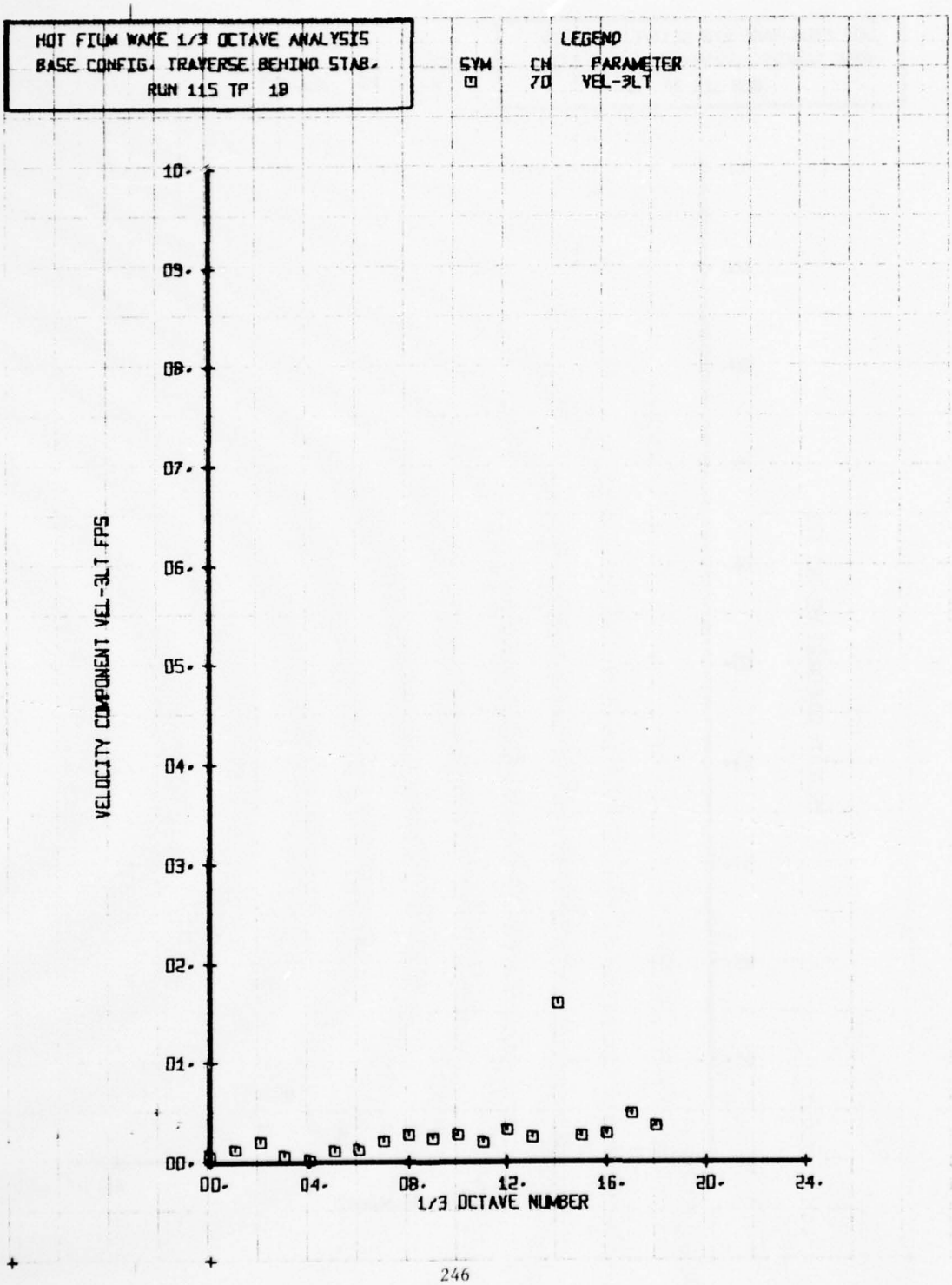

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 9
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

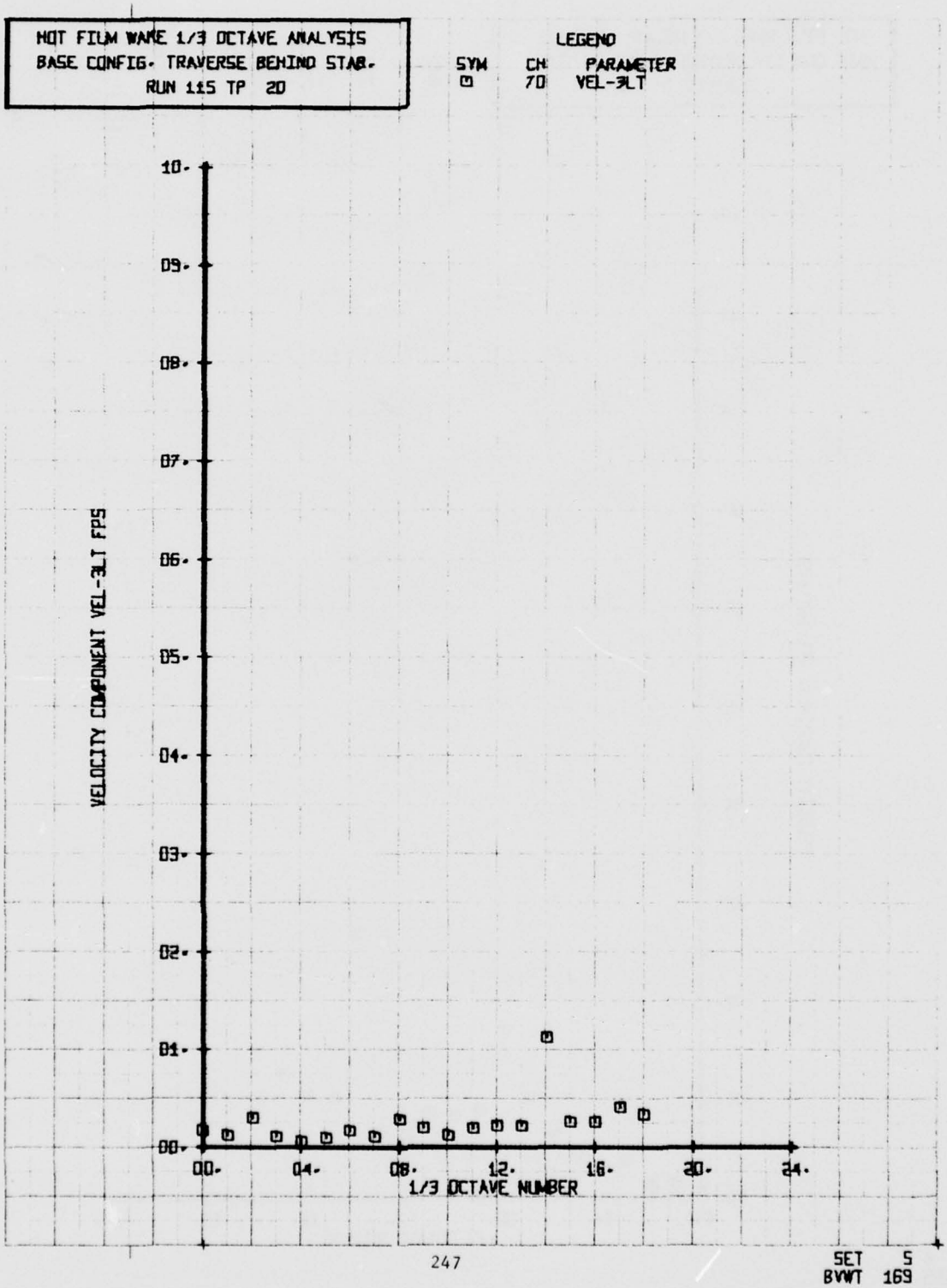

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 10
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

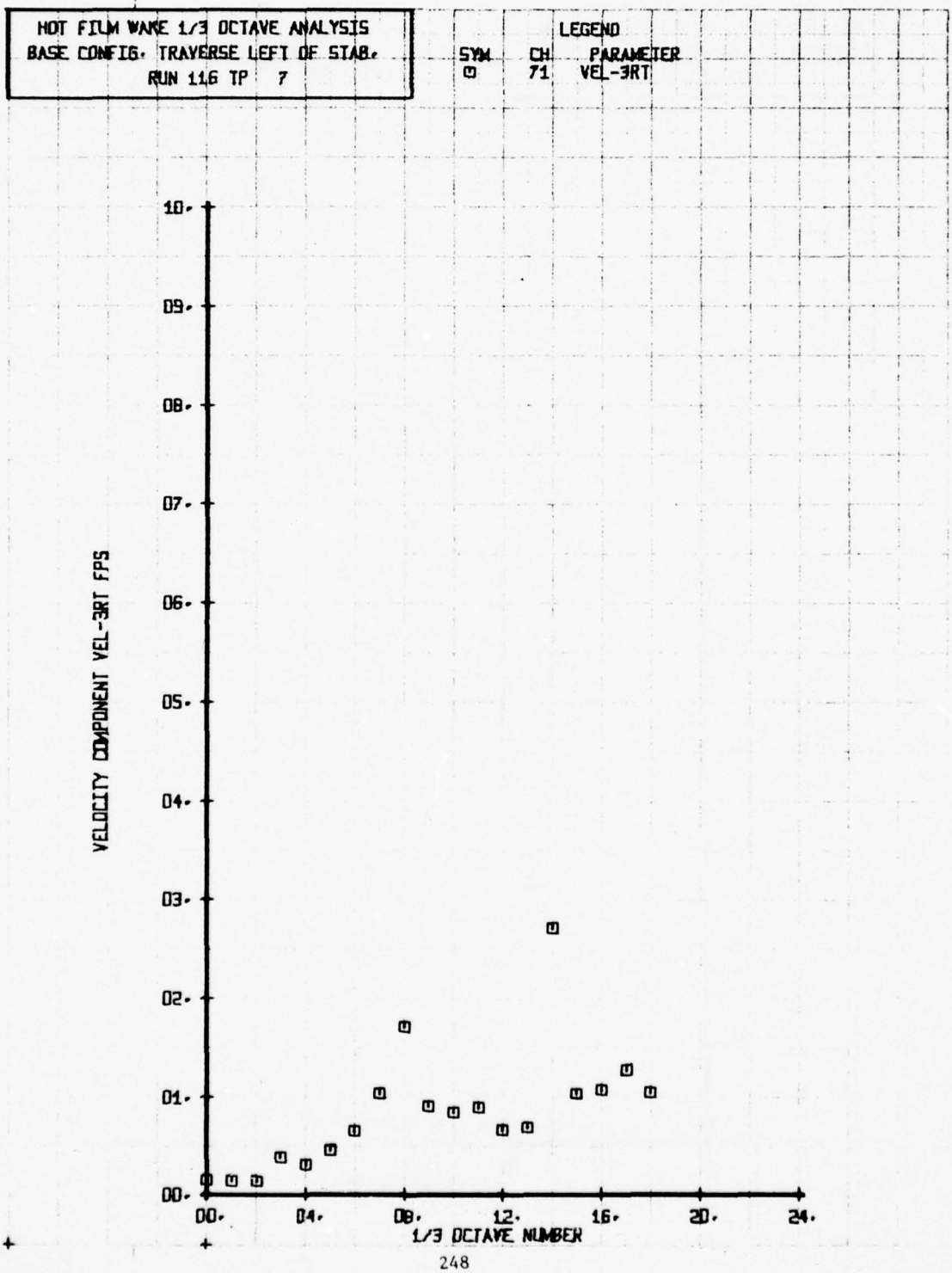

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 12
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG- TRAVERSE BEHIND STAB-
RUN 115 TP 14
LEGEND
SYM CM PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

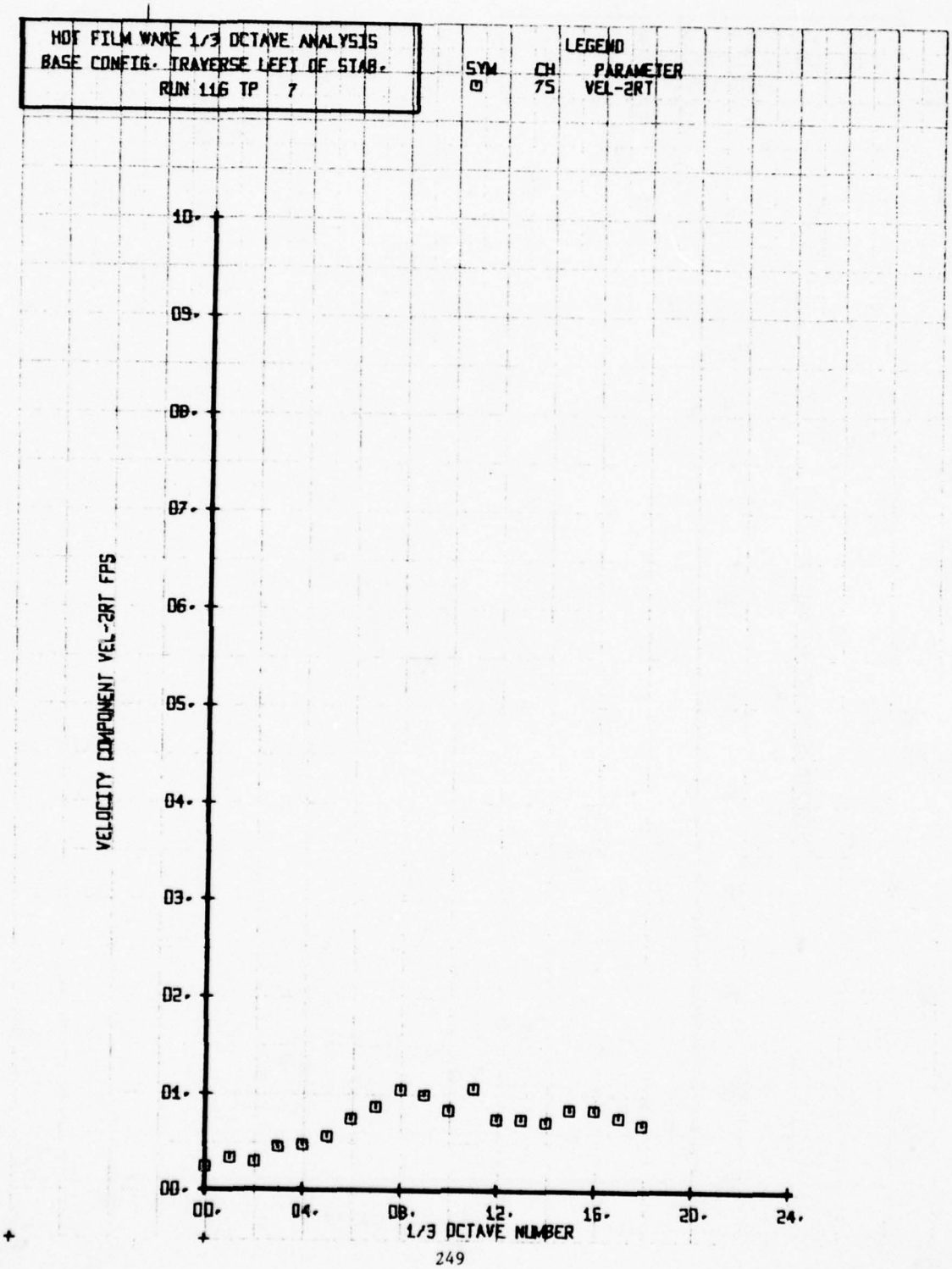

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG- TRAVERSE BEHIND STAB-
RUN 115 TP 16
LEGEND
SYM CH PARAMETER
7D VEL-3LI
VELOCITY COMPONENT VEL-3LI FPS
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24-
1/3 OCTAVE NUMBER

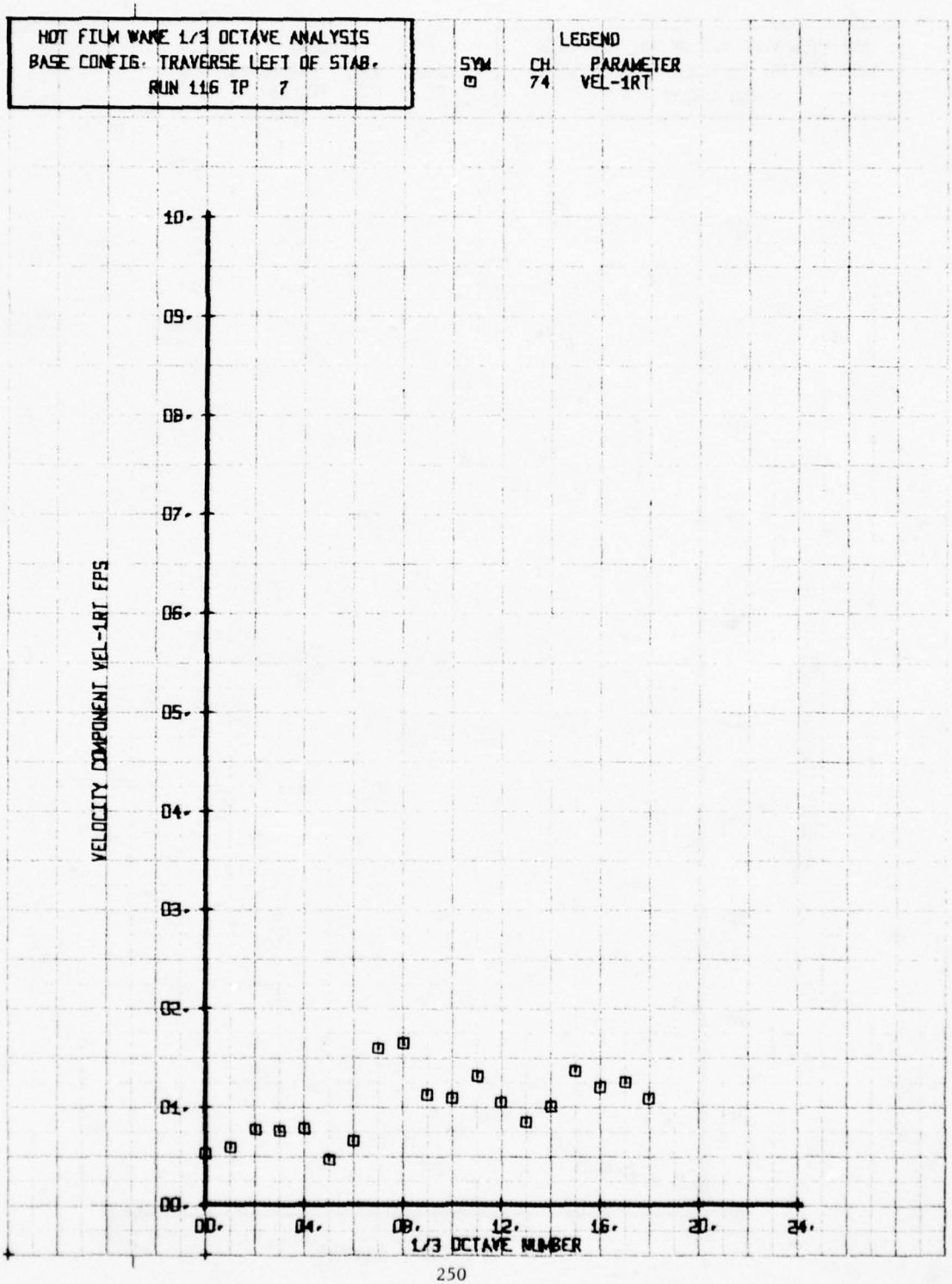

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 18
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE BEHIND STAB.
RUN 115 TP 20
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER
SET 5
BVWT 169

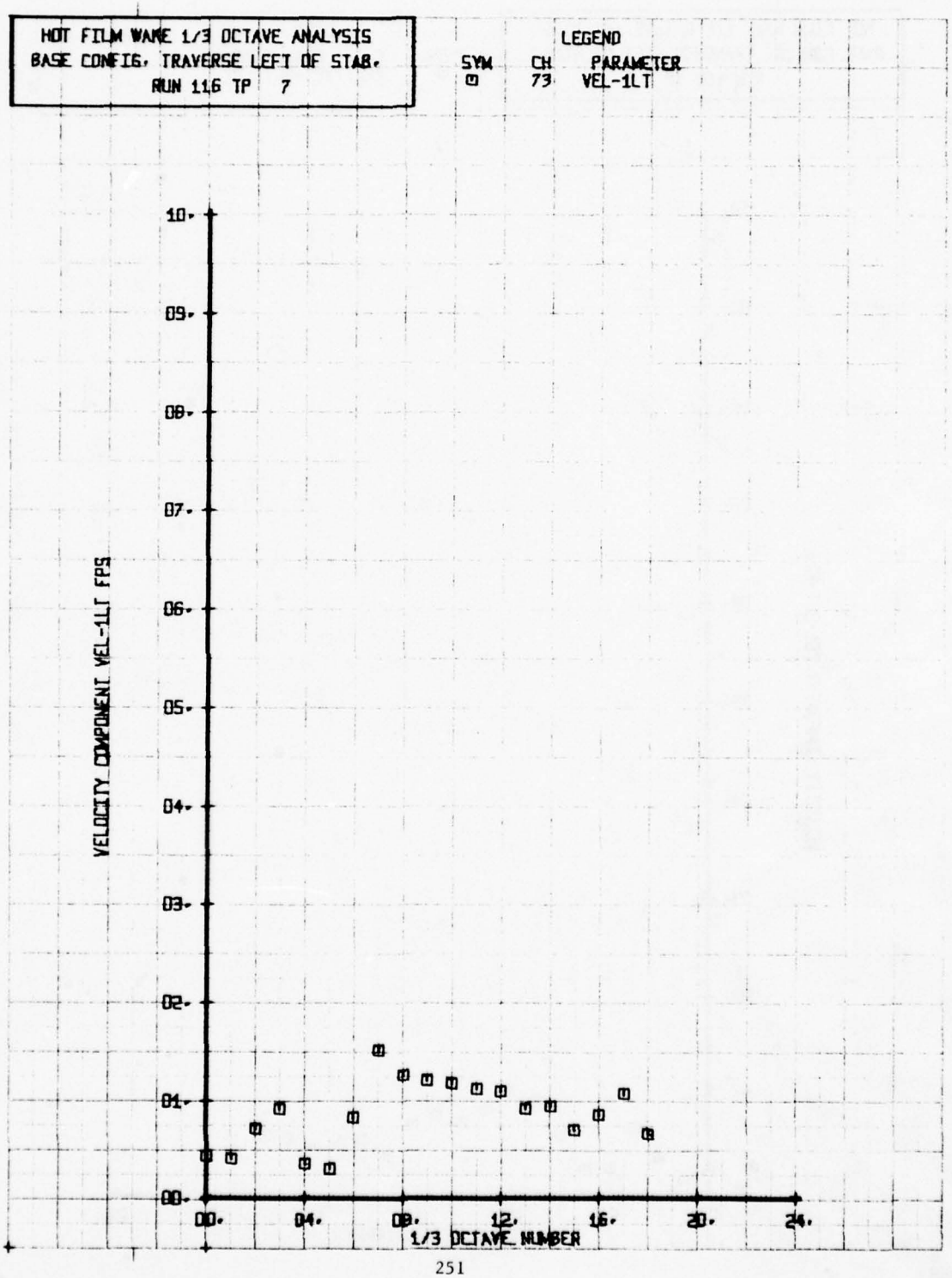

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 116 TP 7
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
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1/3 OCTAVE NUMBER

ET 6
WT 169

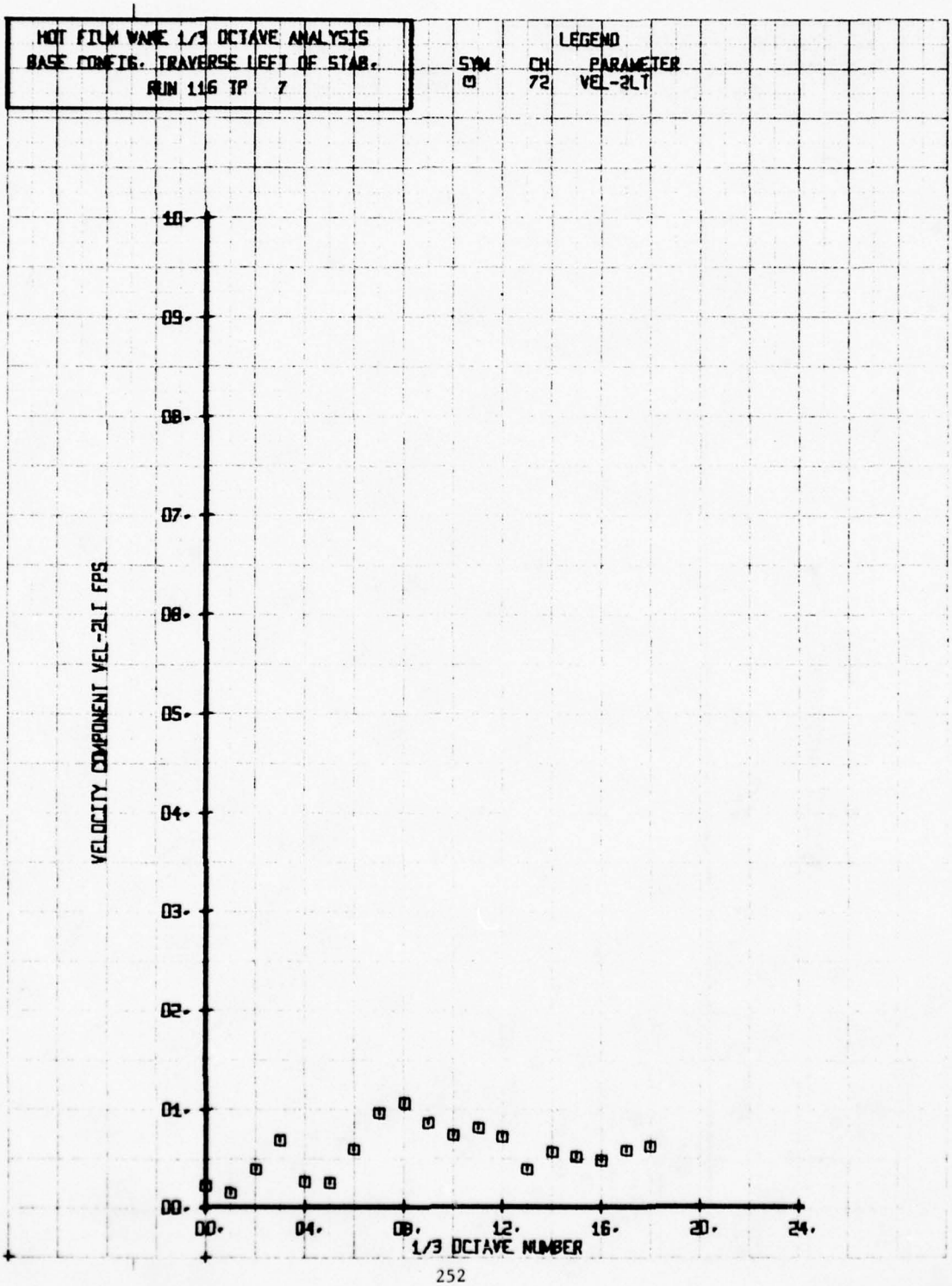

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 116 TP 7
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
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1/3 OCTAVE NUMBER
ET 6
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 116 TP 7
LEGEND
SYM CH. PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
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1/3 OCTAVE NUMBER

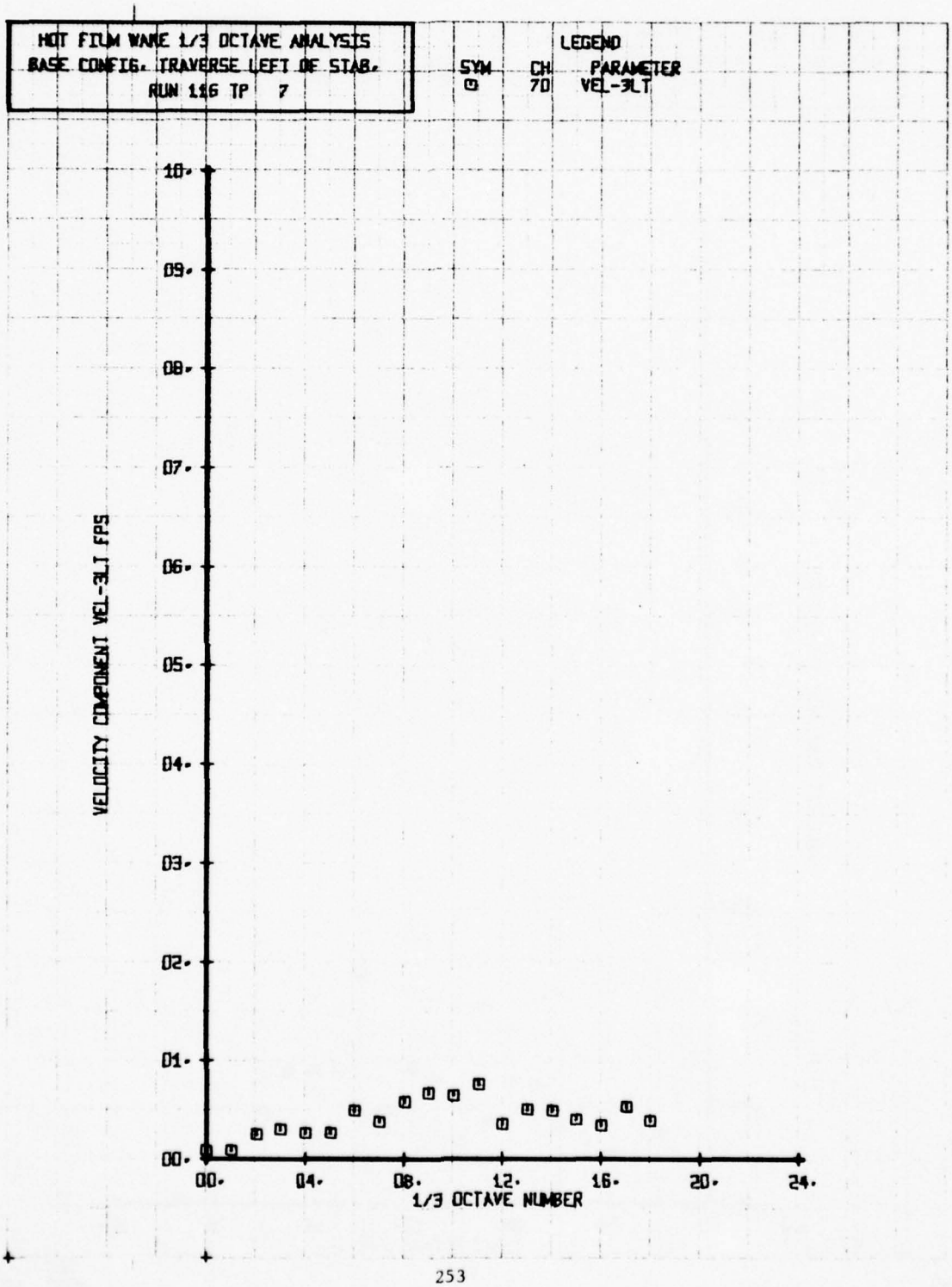
ET 6
WT 169

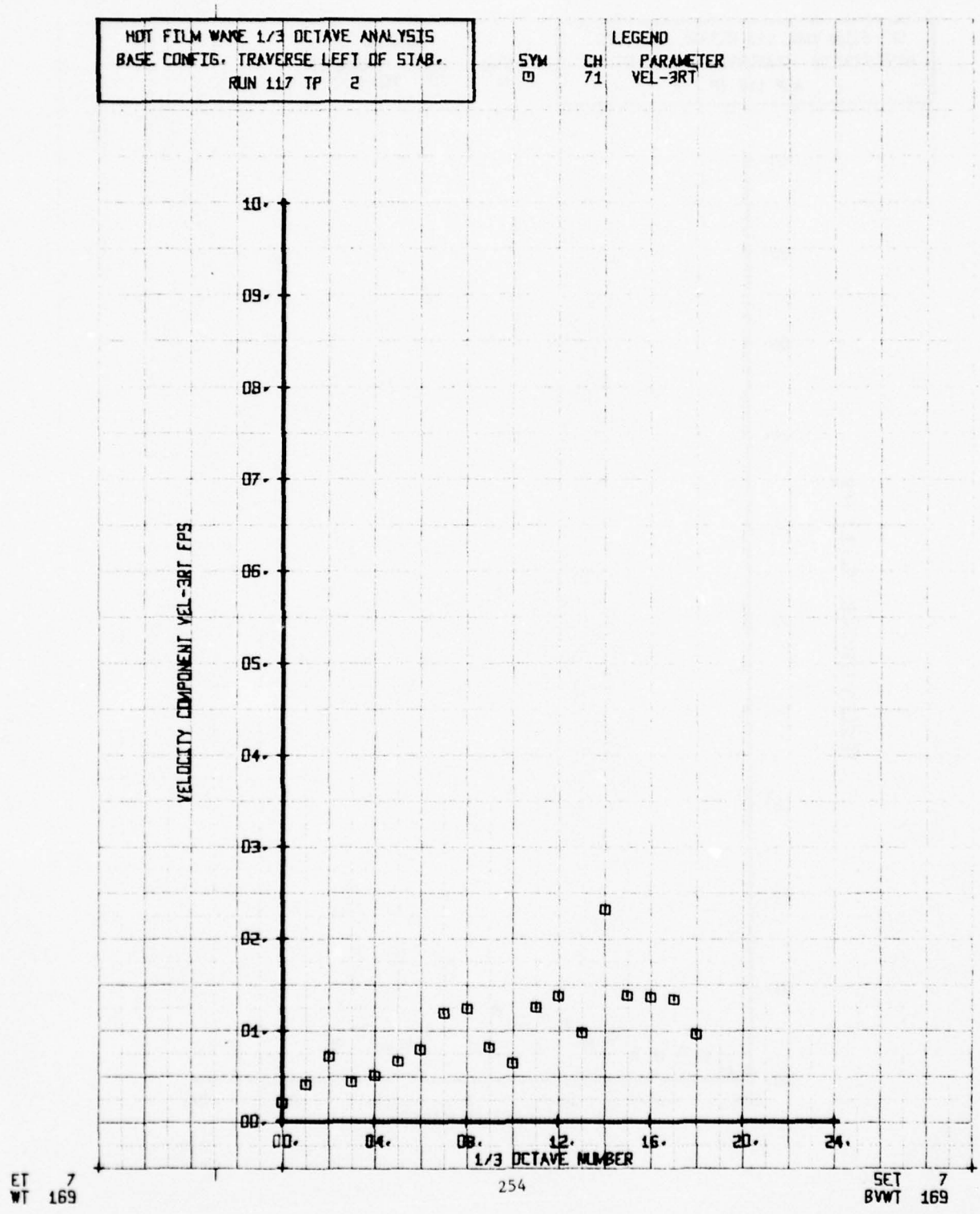

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 116 TP 7
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

ET 6
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 116 TP 7
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
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1/3 OCTAVE NUMBER

ET 6
WT 169

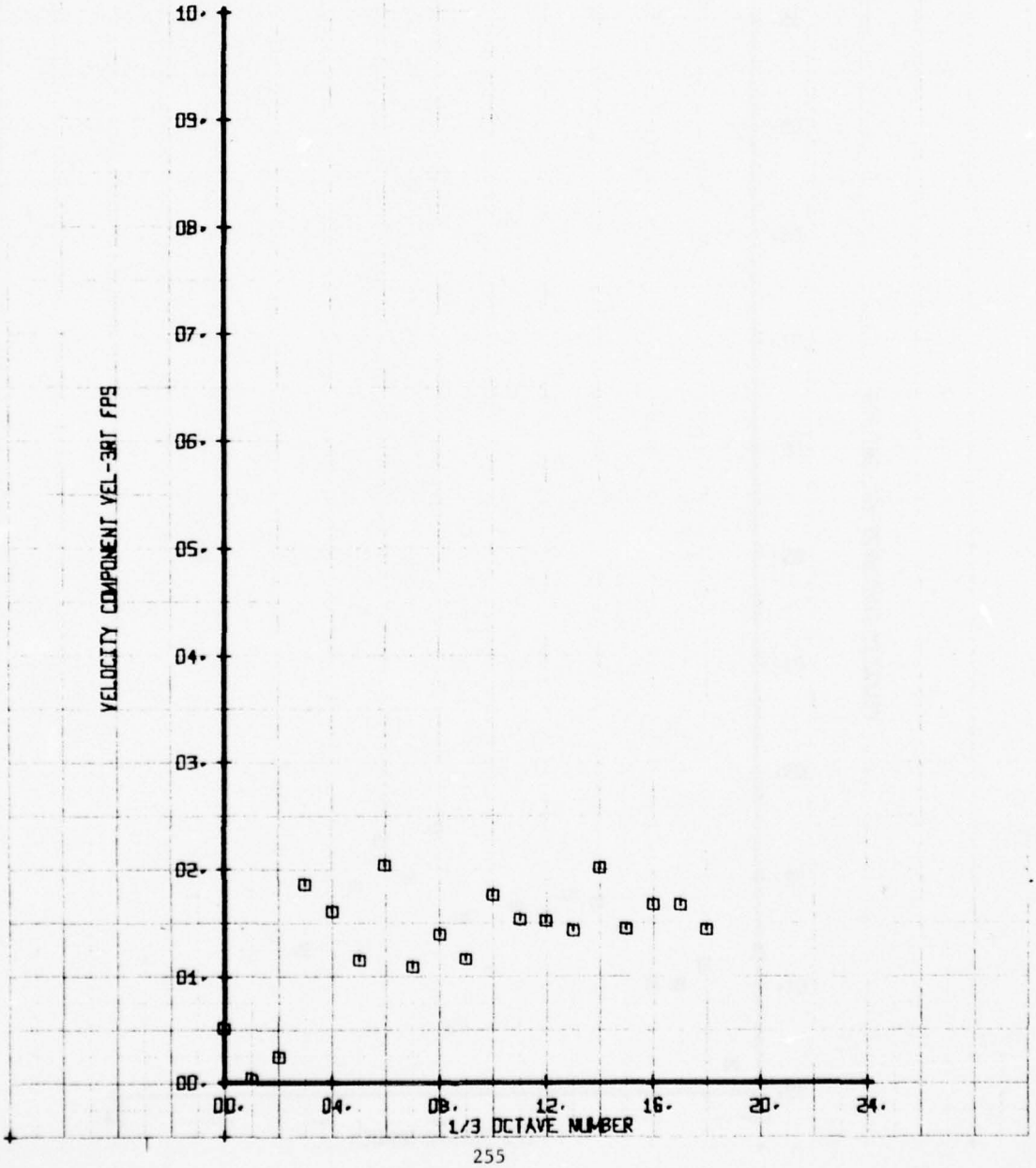

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 116 TP 7
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LI FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 2
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
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24.
1/3 OCTAVE NUMBER
ET 7
WT 169
SET 7
BWT 169

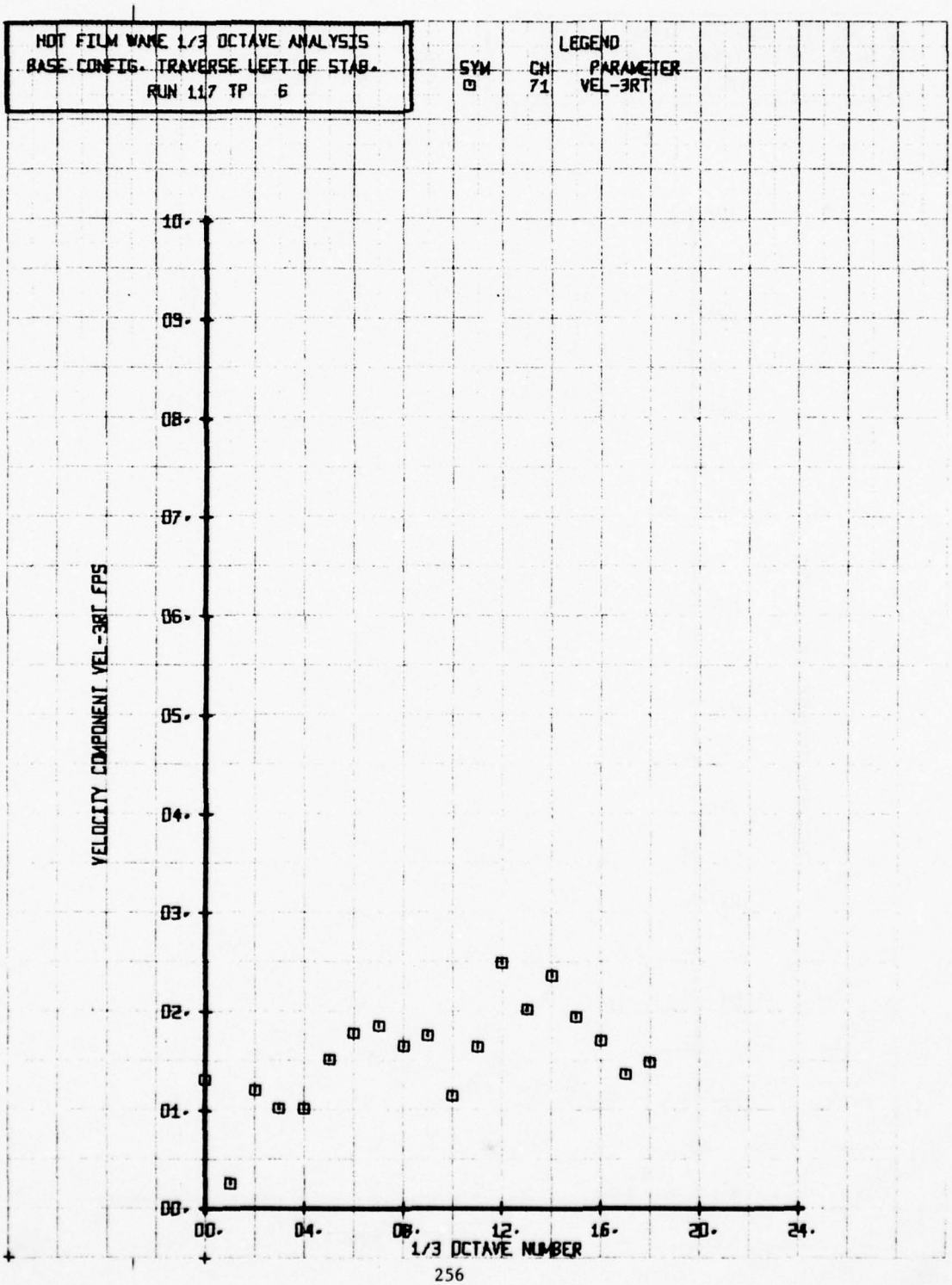
HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 4

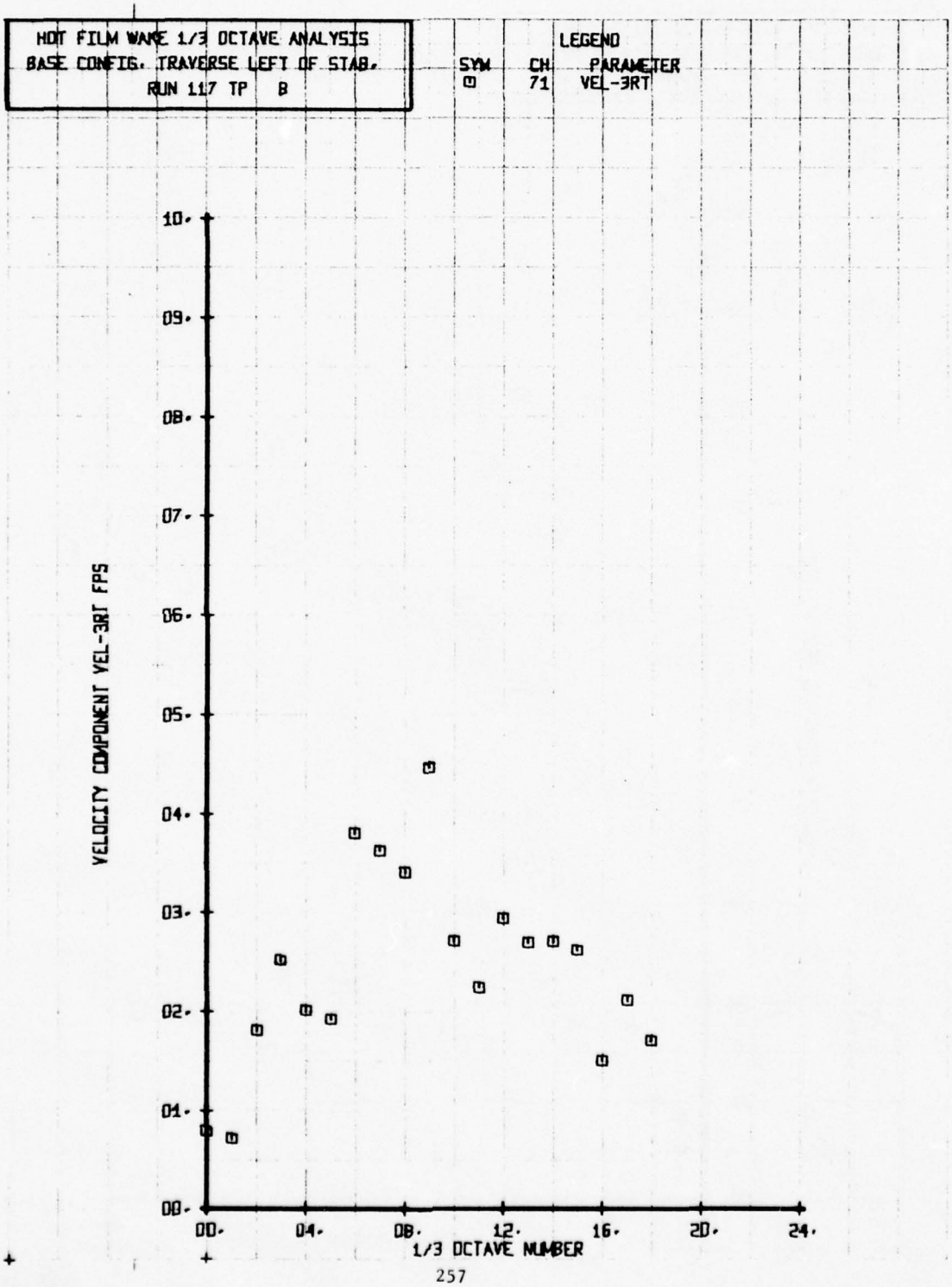
LEGEND

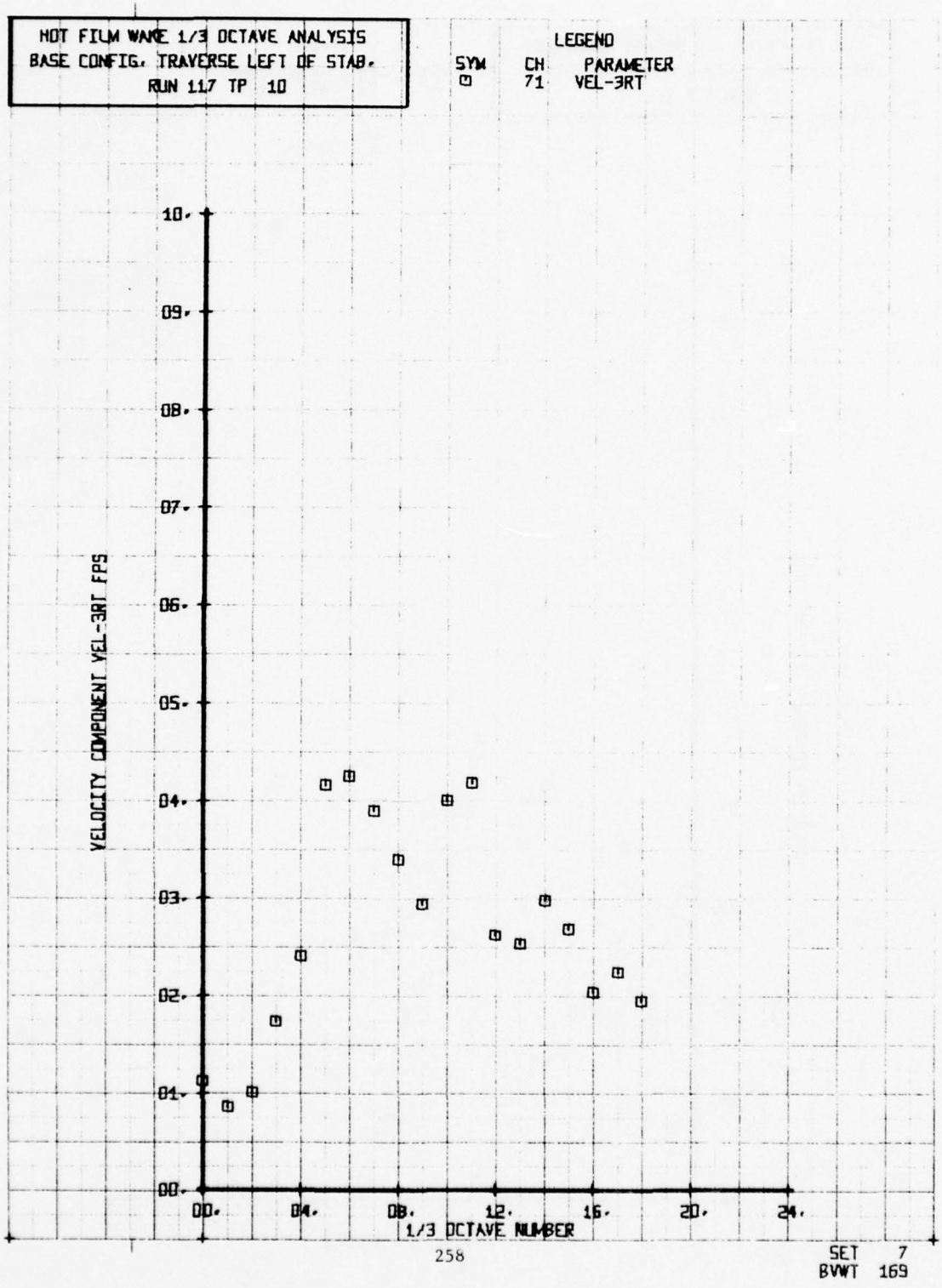
SYM	CH	PARAMETER
⊡	71	VEL-3RT



ET 7
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 6
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
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24.
1/3 OCTAVE NUMBER

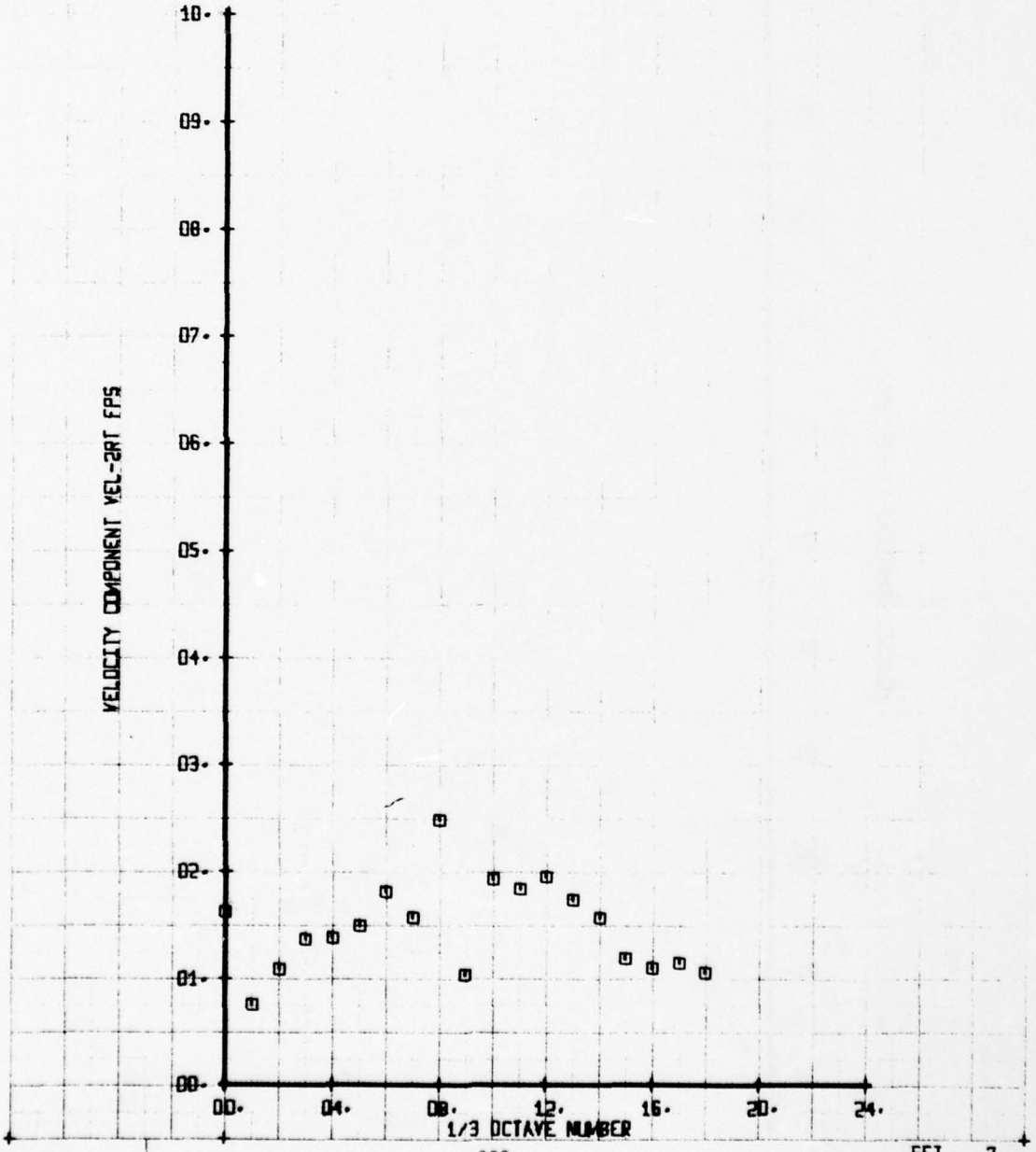

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP B
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 10
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 7
BVWT 169

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 2

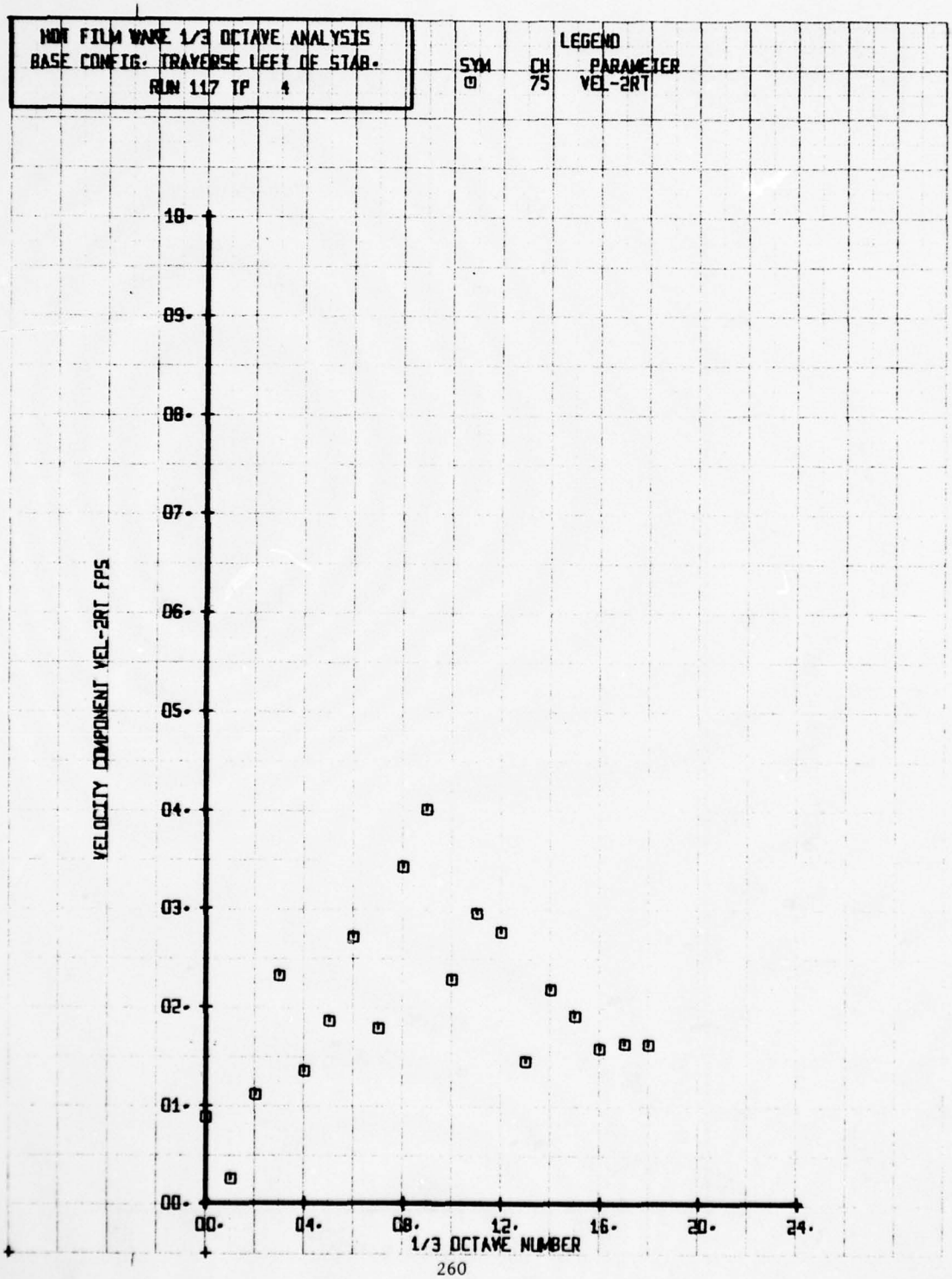
LEGEND

SYM	CH	PARAMETER
□	75	VEL-2RT

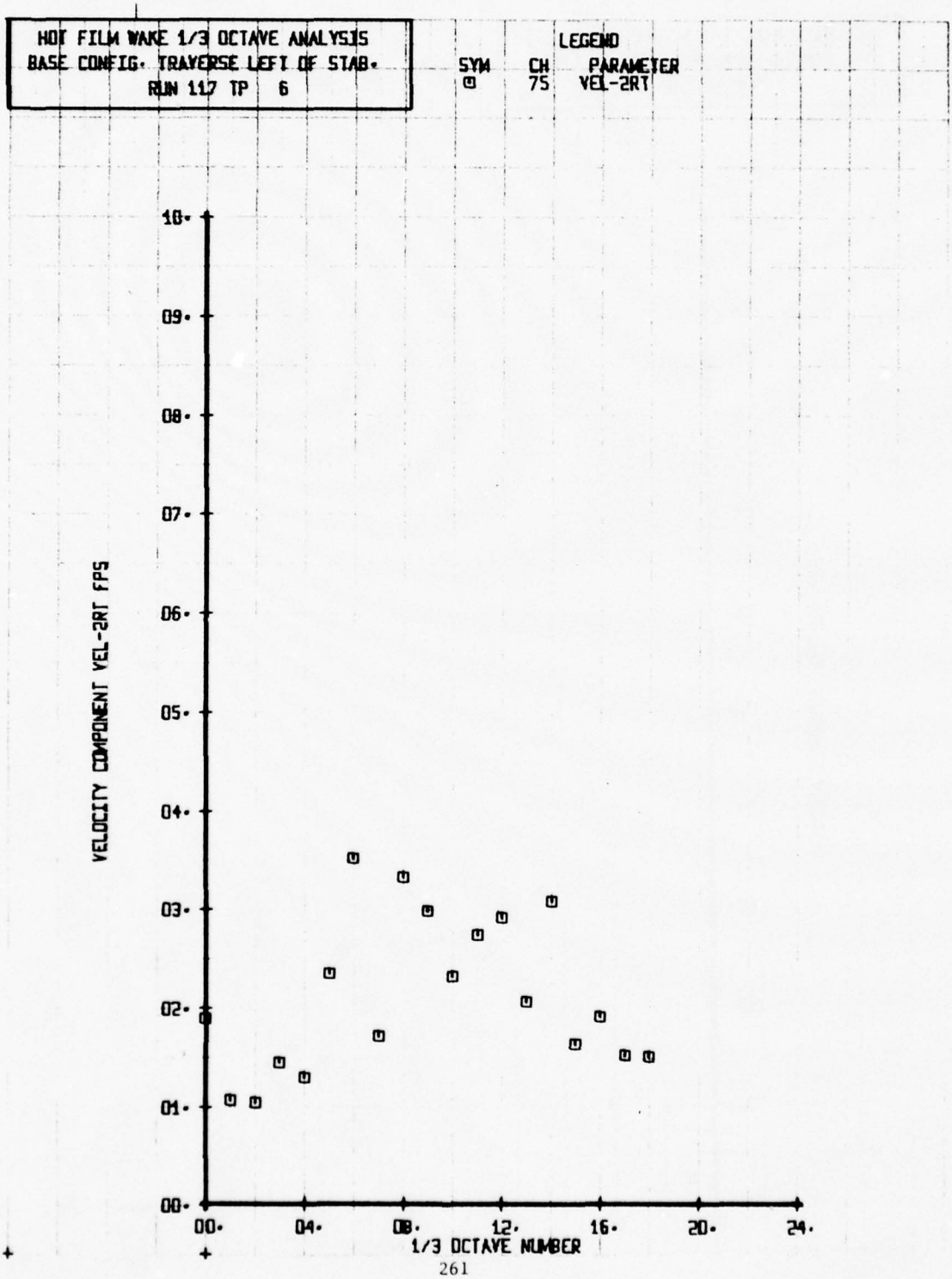


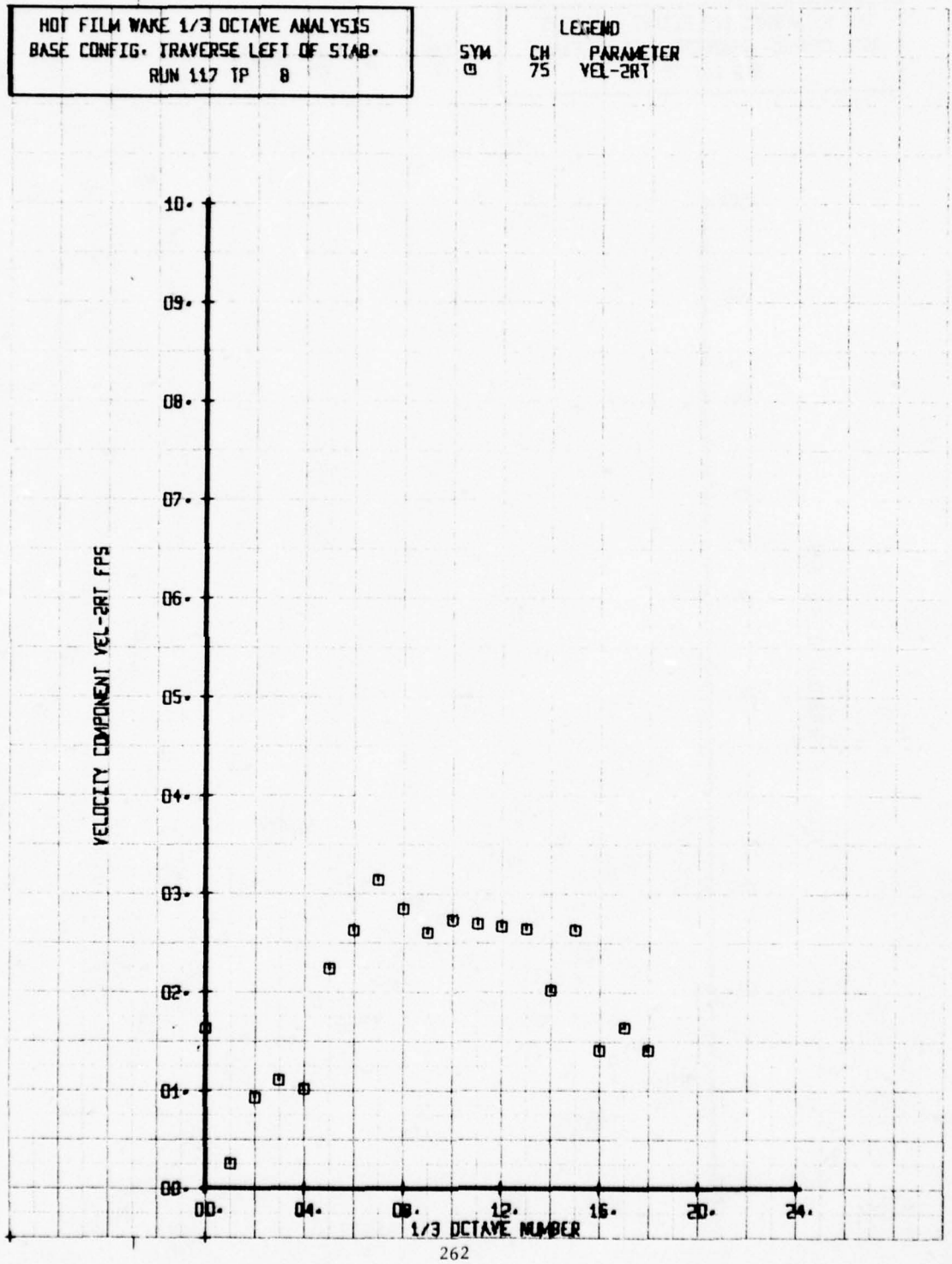
ET 7
WT 169

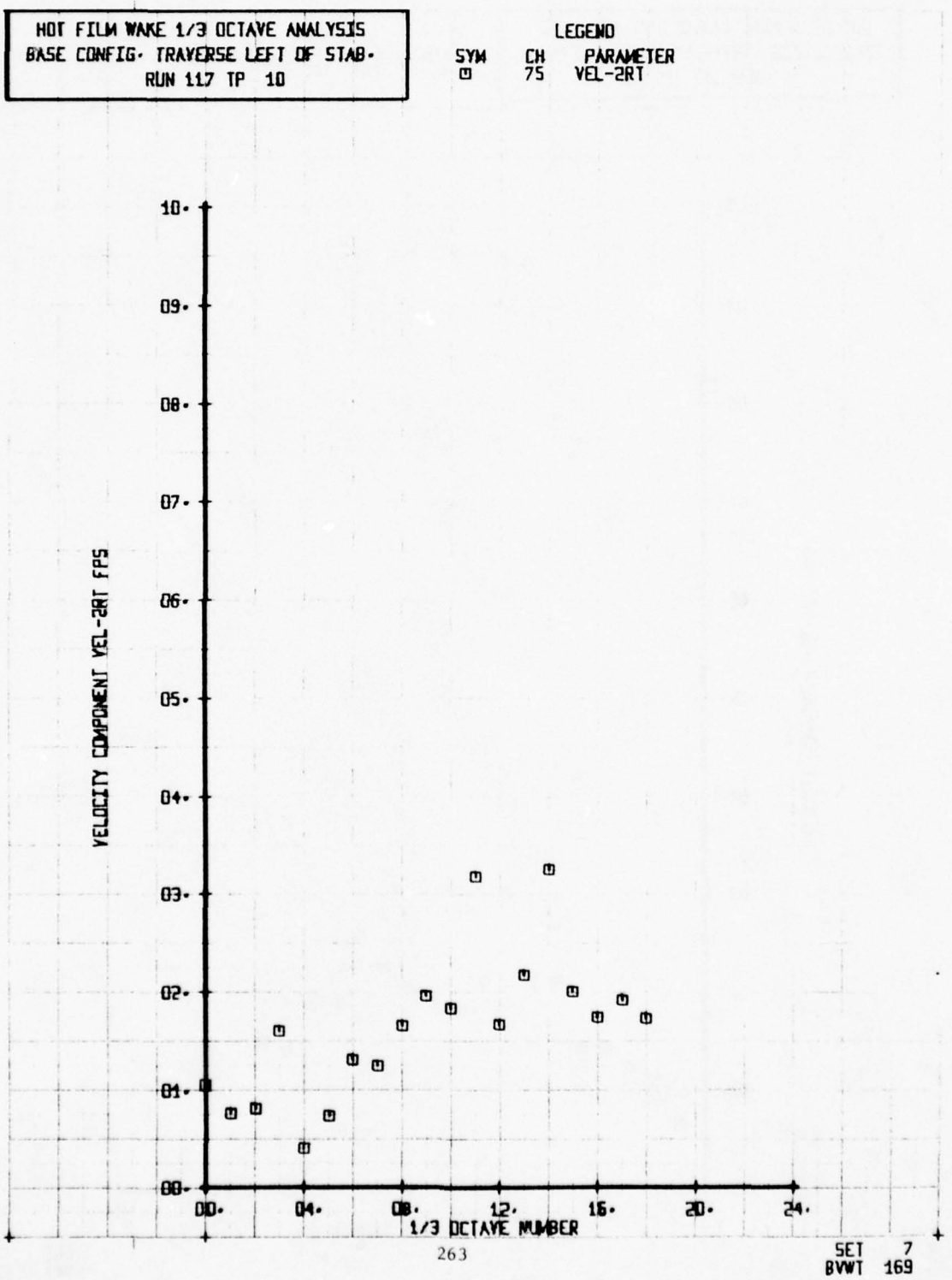
SET 7
BVWT 169

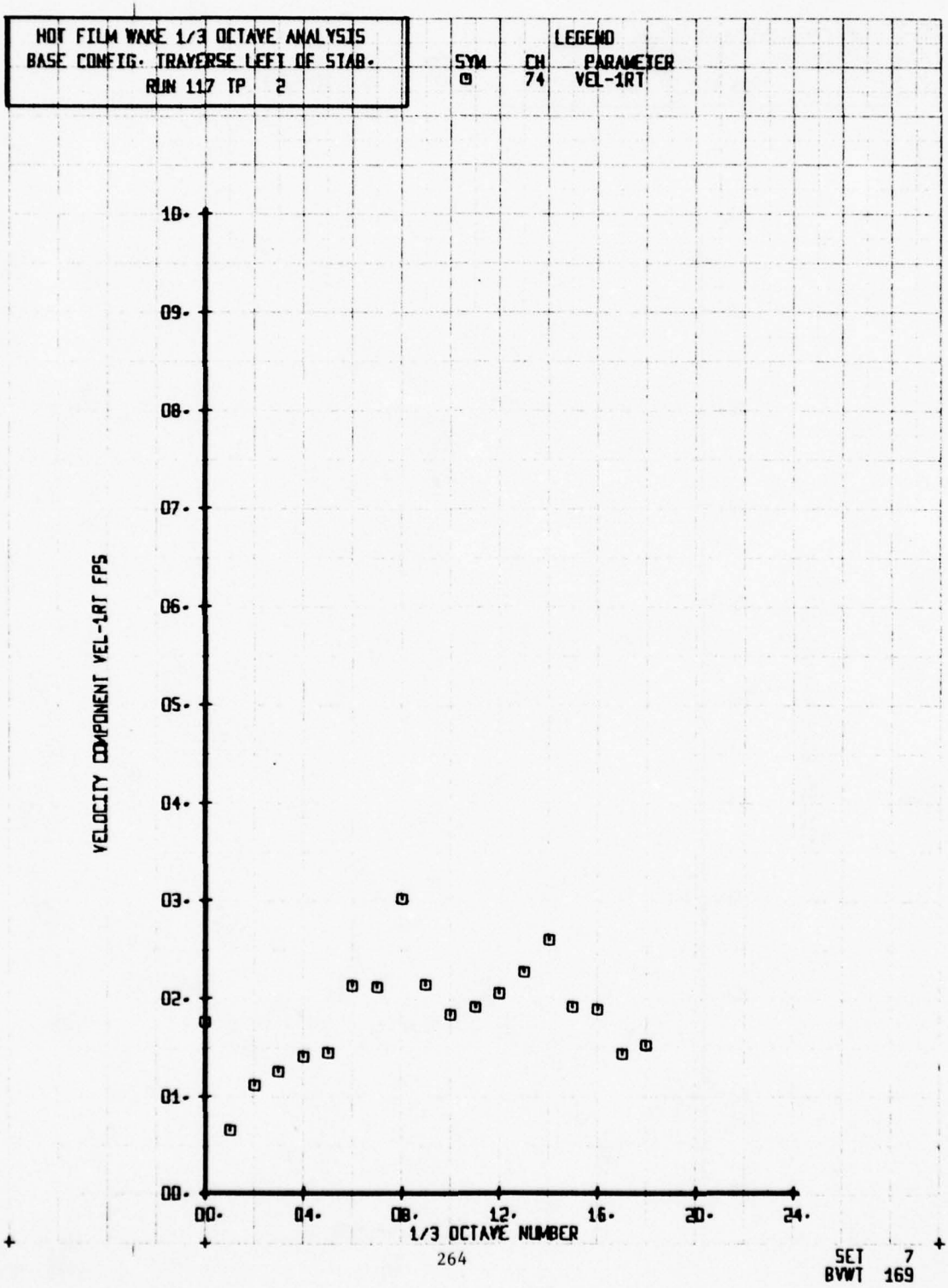

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 4
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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1/3 OCTAVE NUMBER

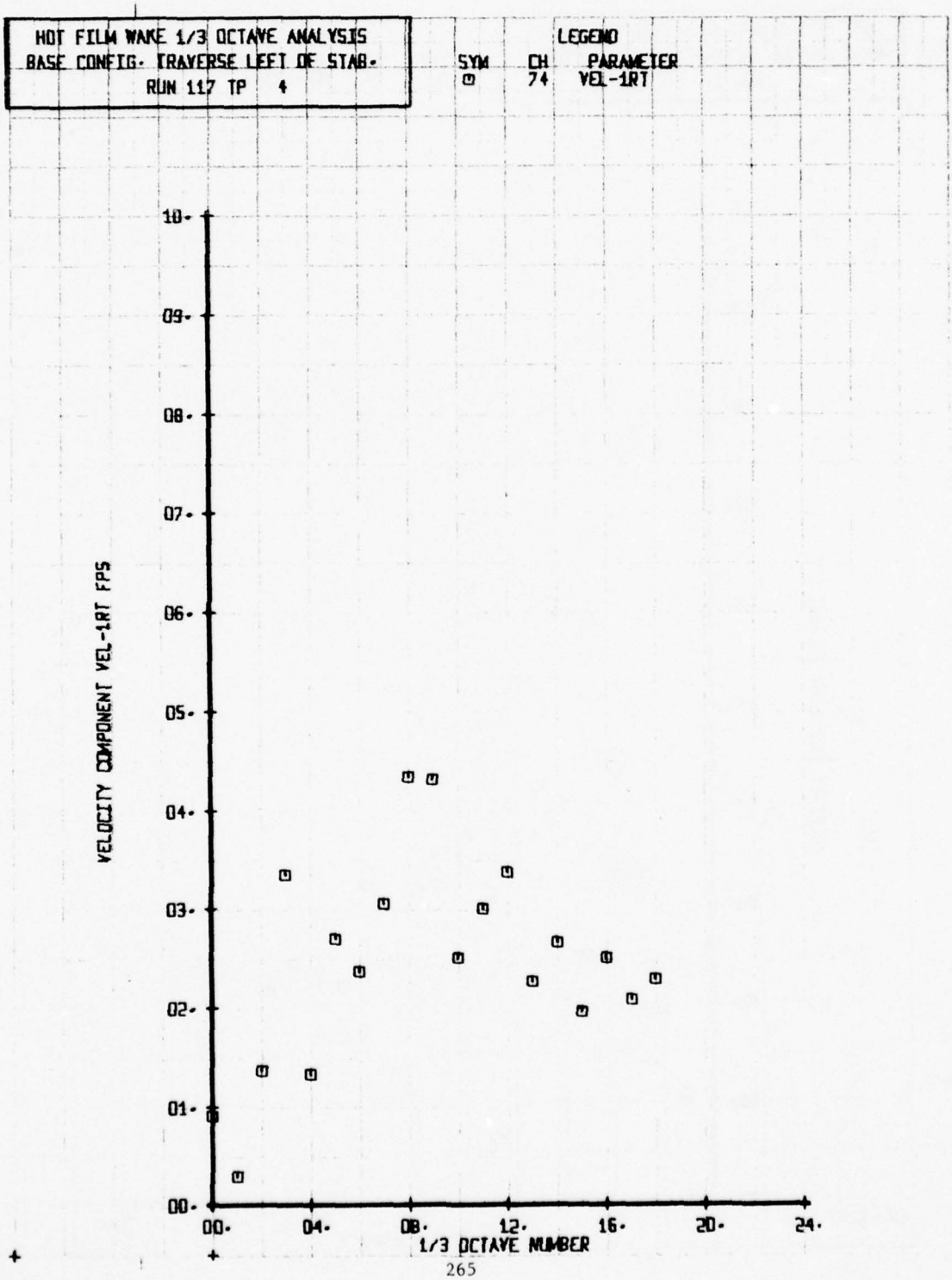
ET 7
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 6
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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1/3 OCTAVE NUMBER

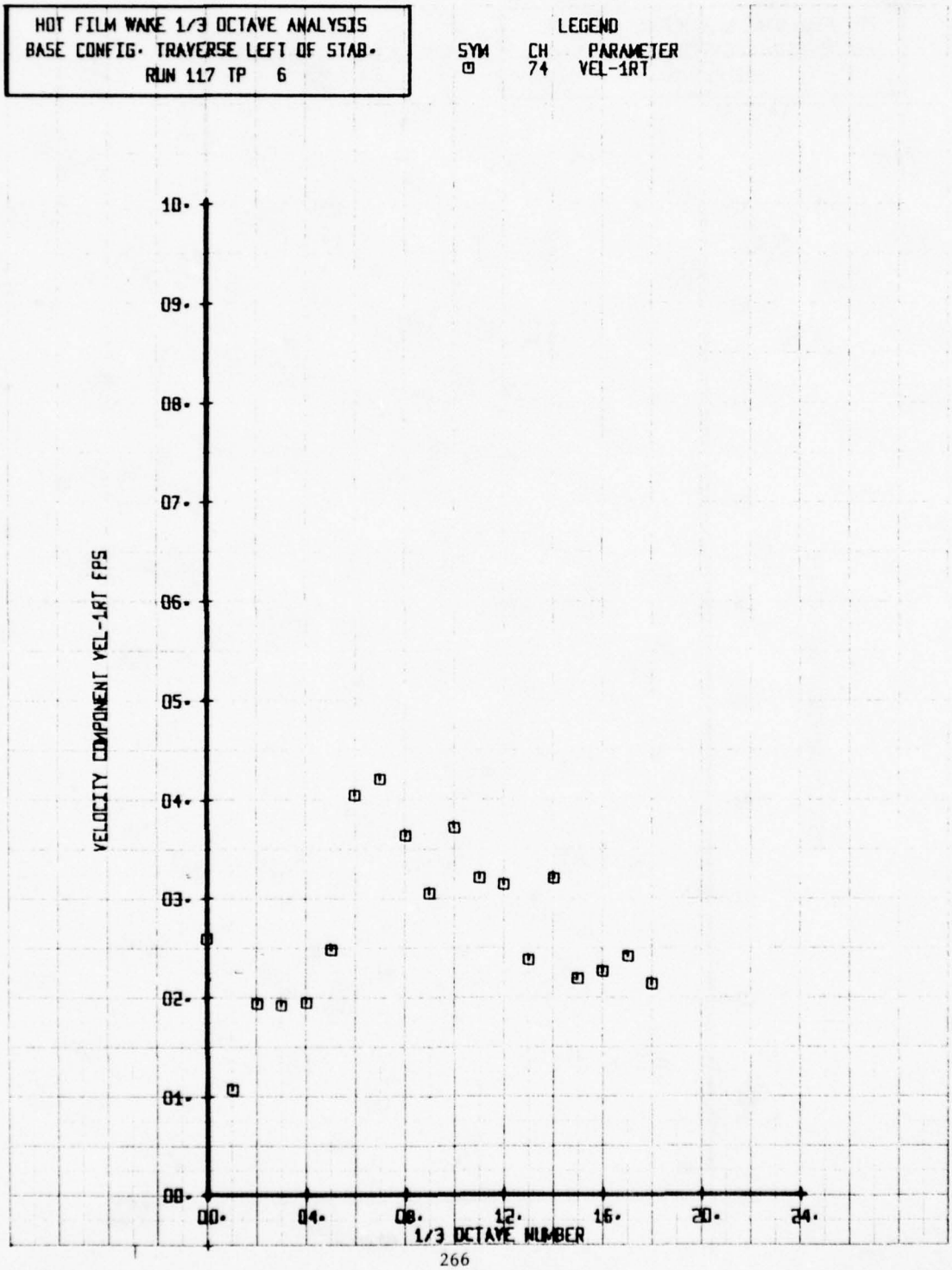

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 8
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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1/3 OCTAVE NUMBER

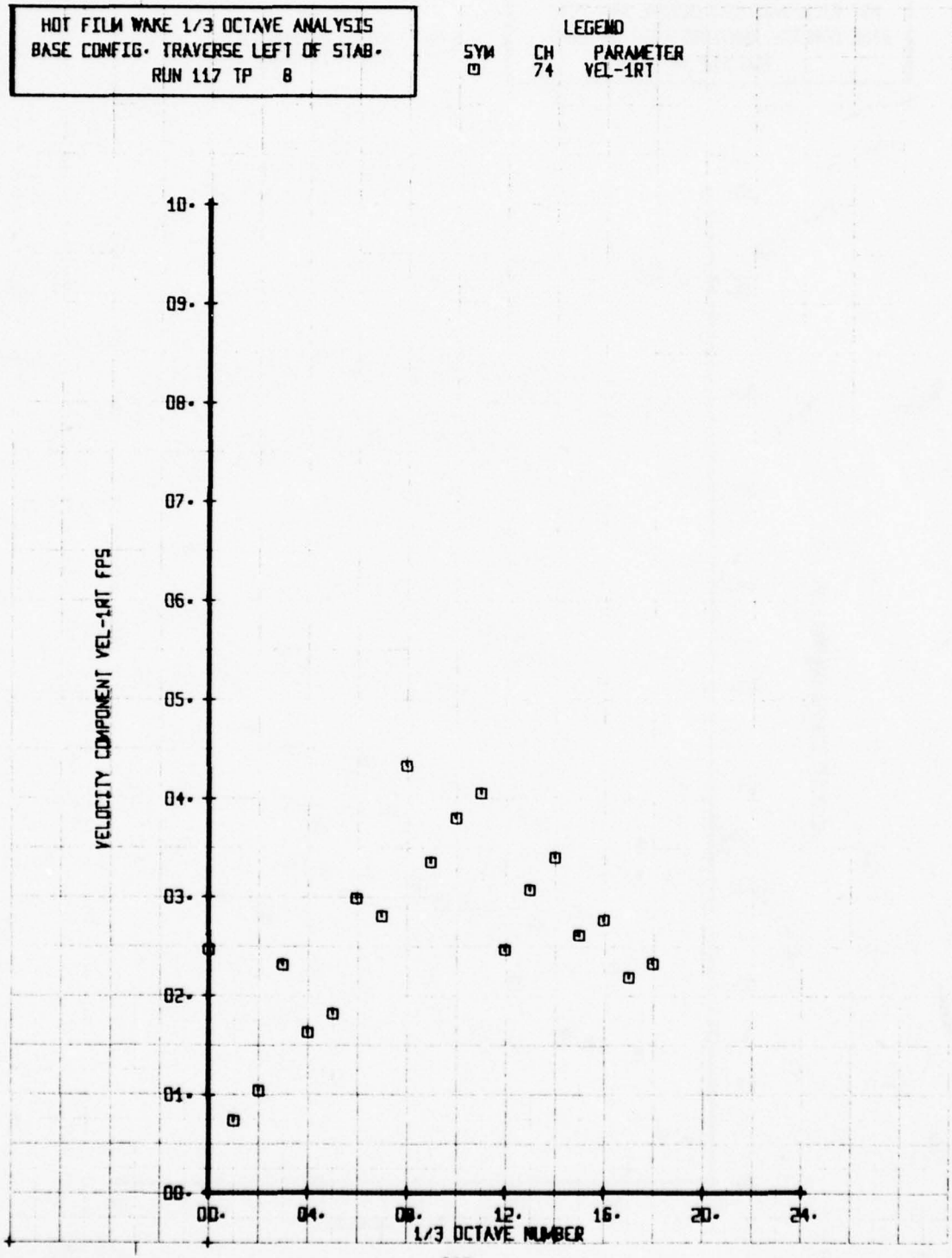

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 10
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
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1/3 OCTAVE NUMBER
SET 7
BVWT 169

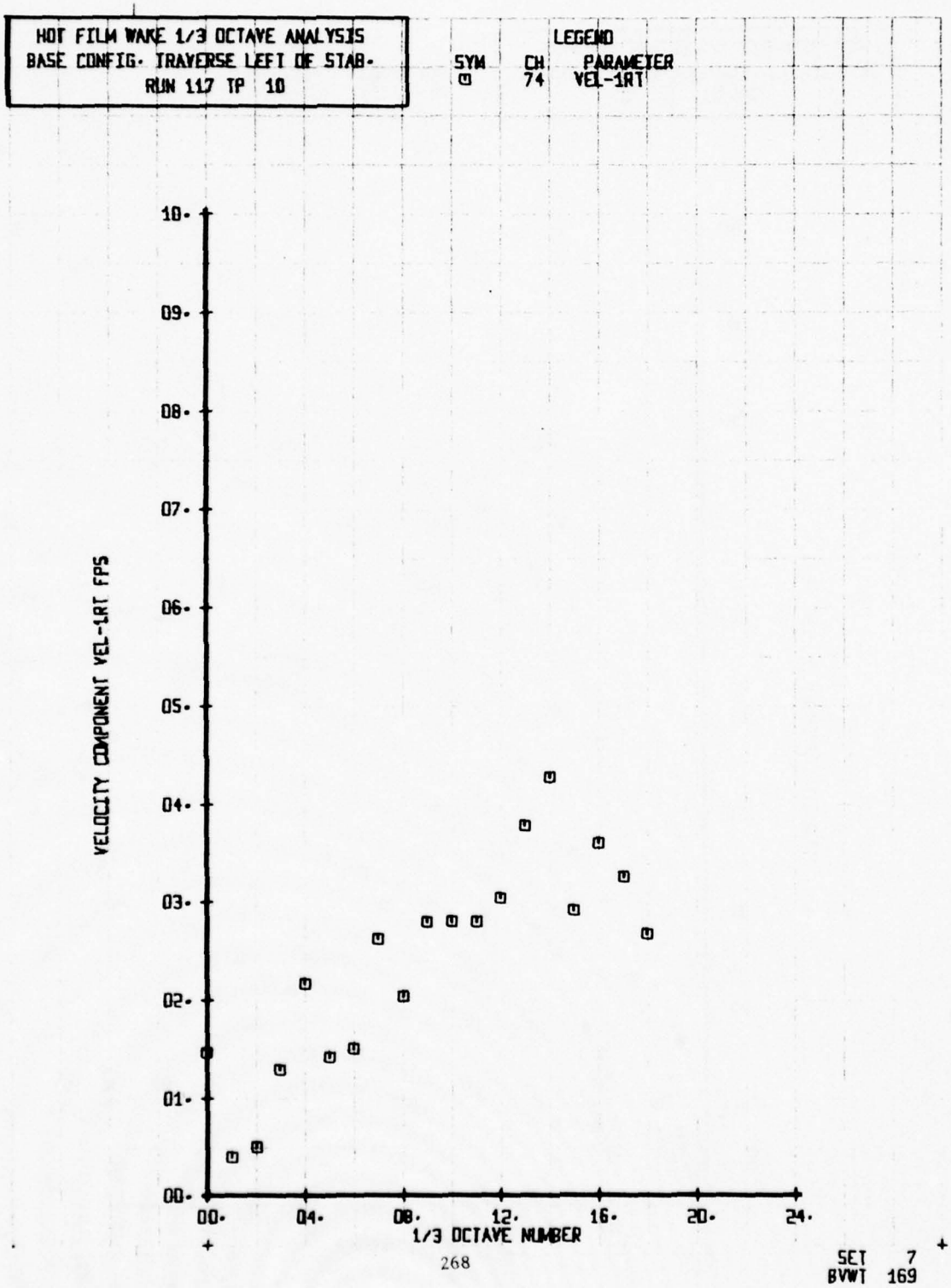

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 2
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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1/3 OCTAVE NUMBER
SET 7
WT 169
SET 7
BVWT 169

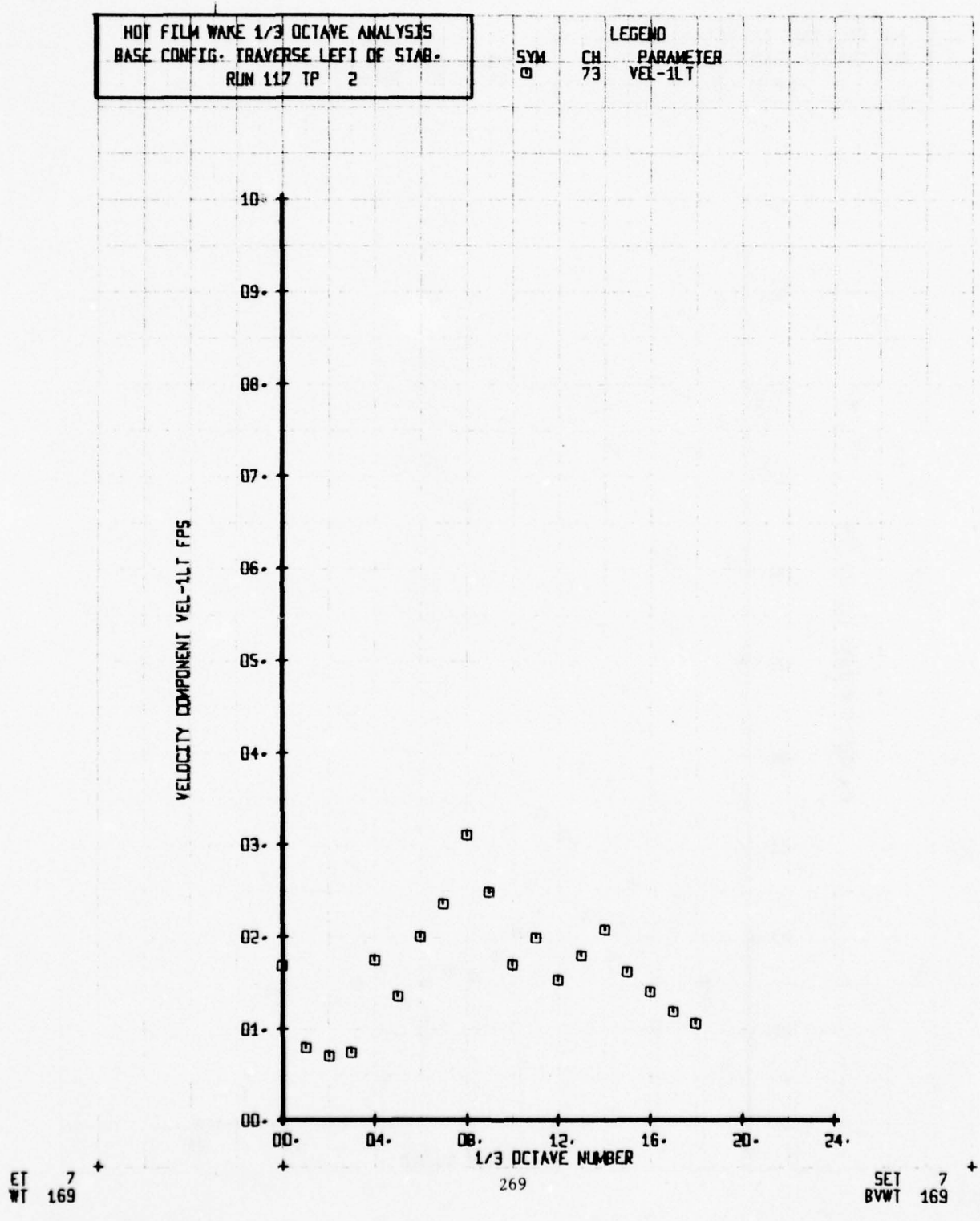

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 4
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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1/3 OCTAVE NUMBER

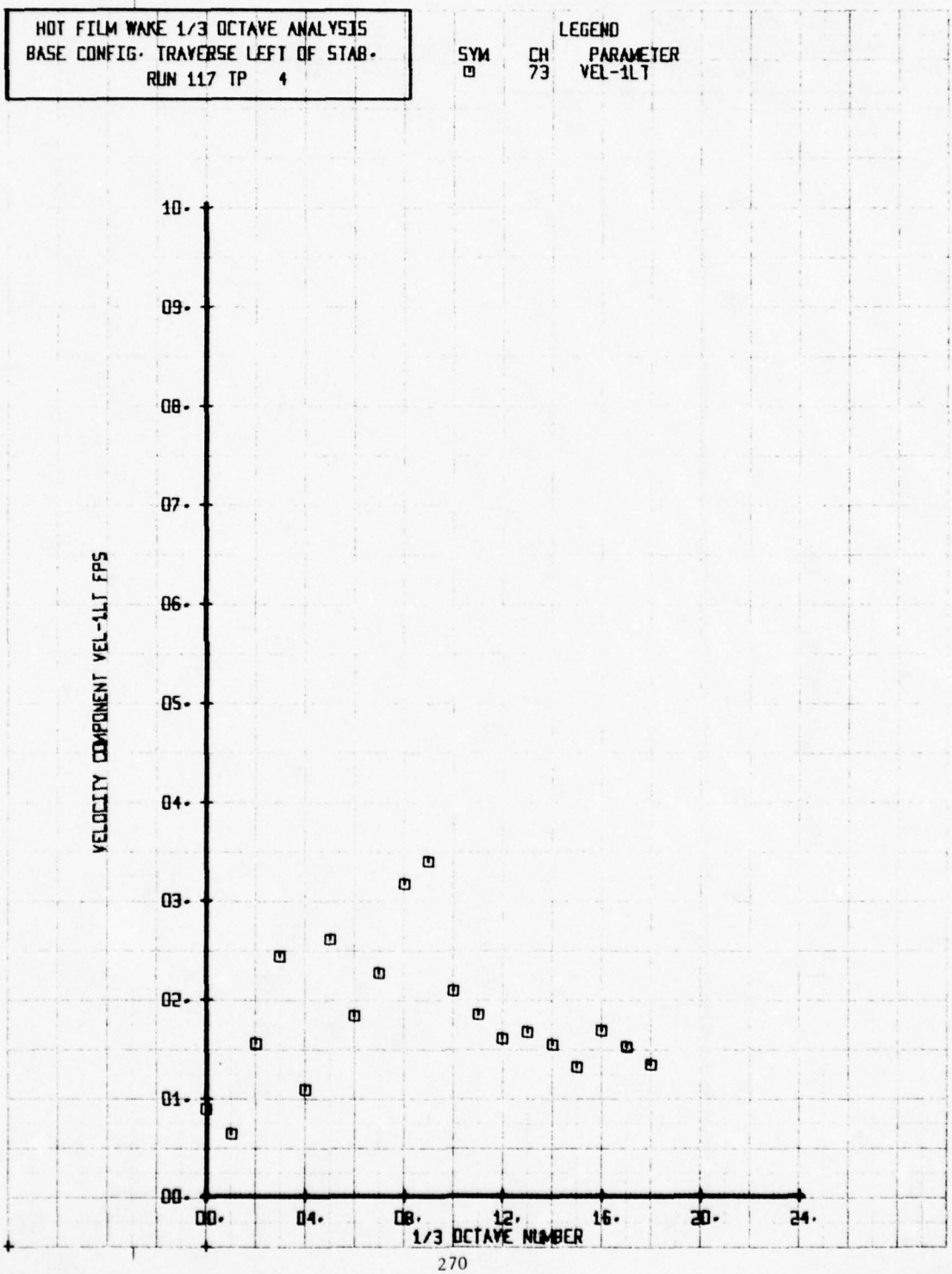
ET 7
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 6
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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1/3 OCTAVE NUMBER

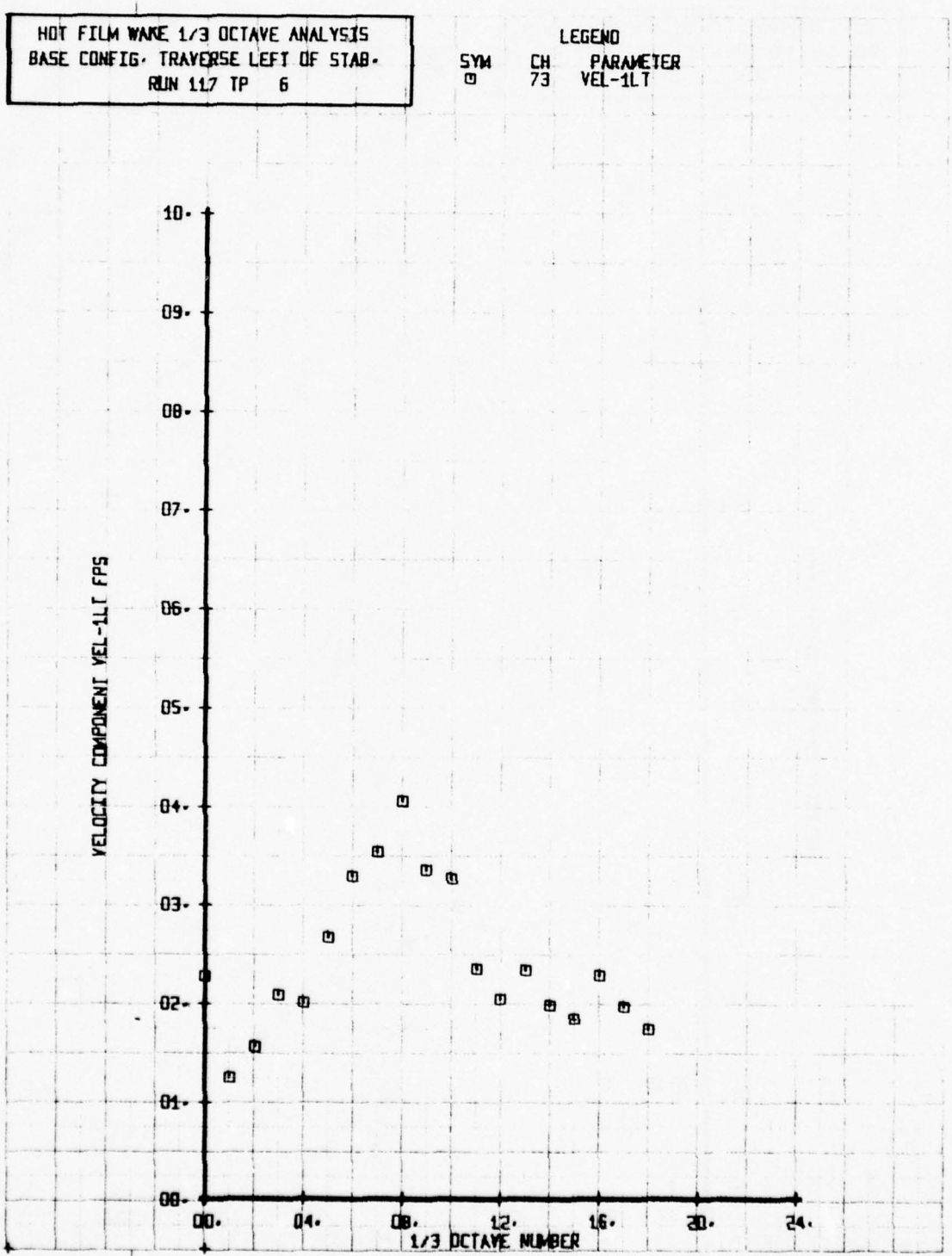

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 8
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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1/3 OCTAVE NUMBER

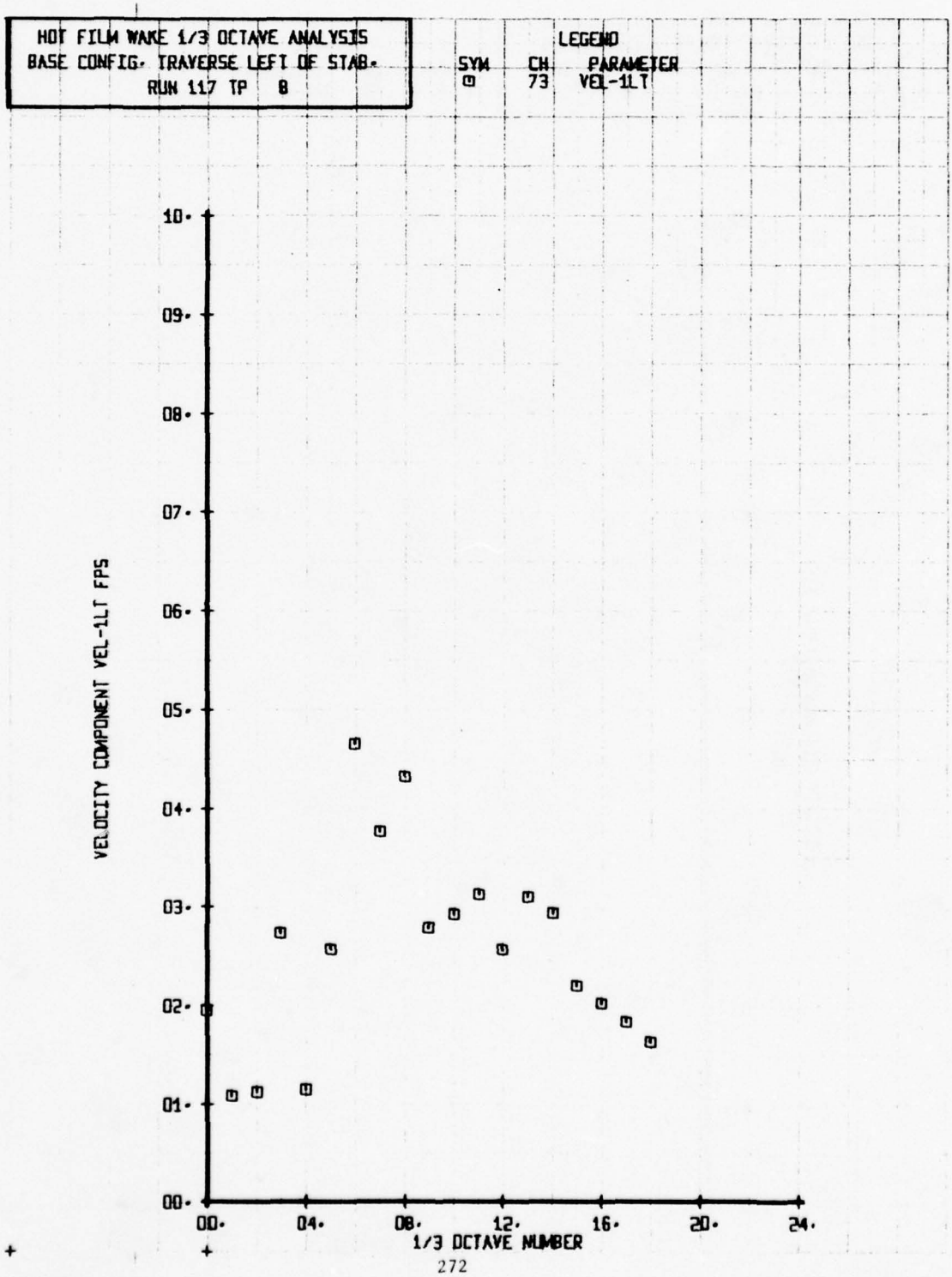

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 10
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
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1/3 OCTAVE NUMBER
SET 7
RVWT 169

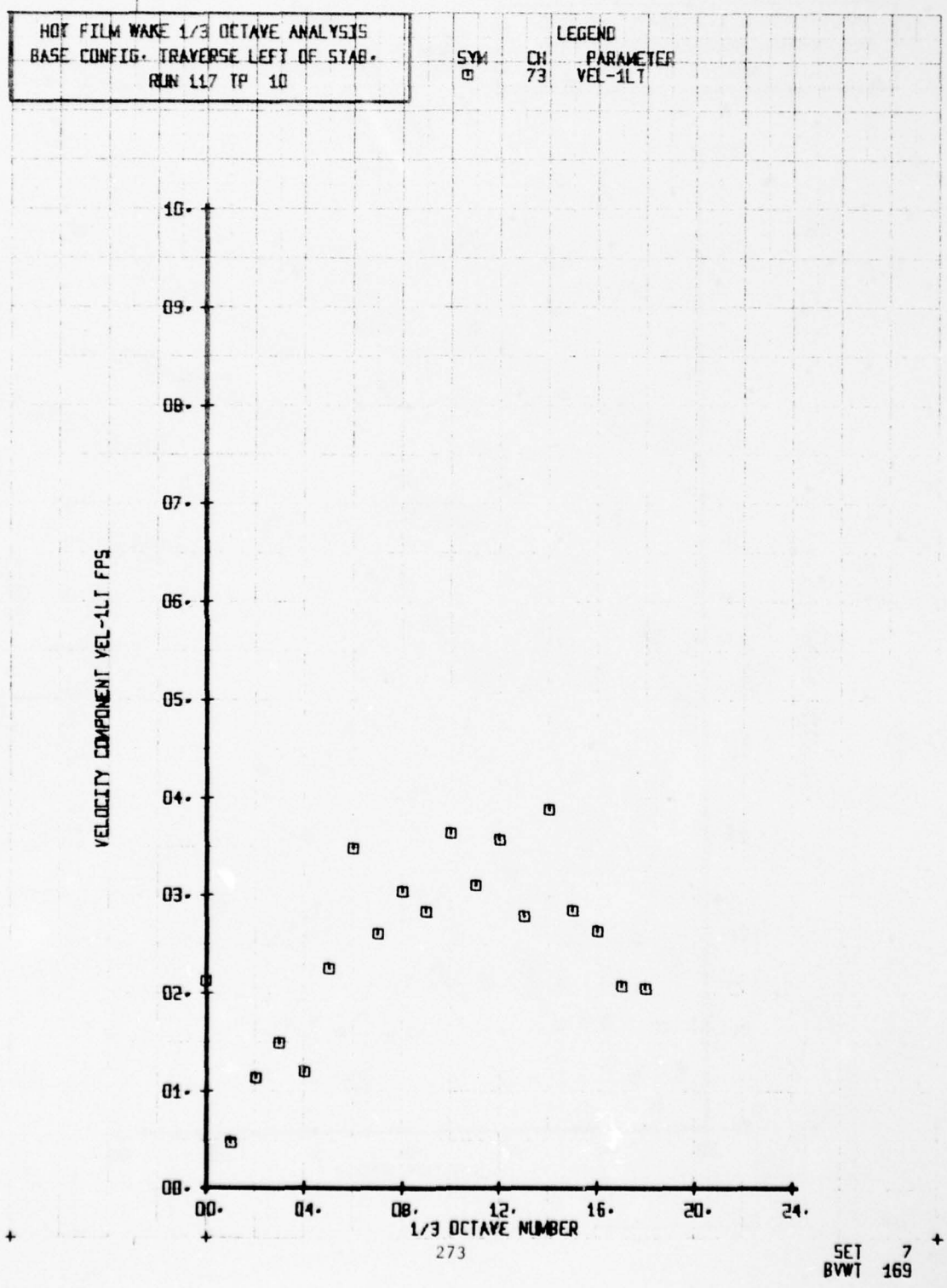

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 2
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER
ET 7
WT 169
SET 7
BVWT 169

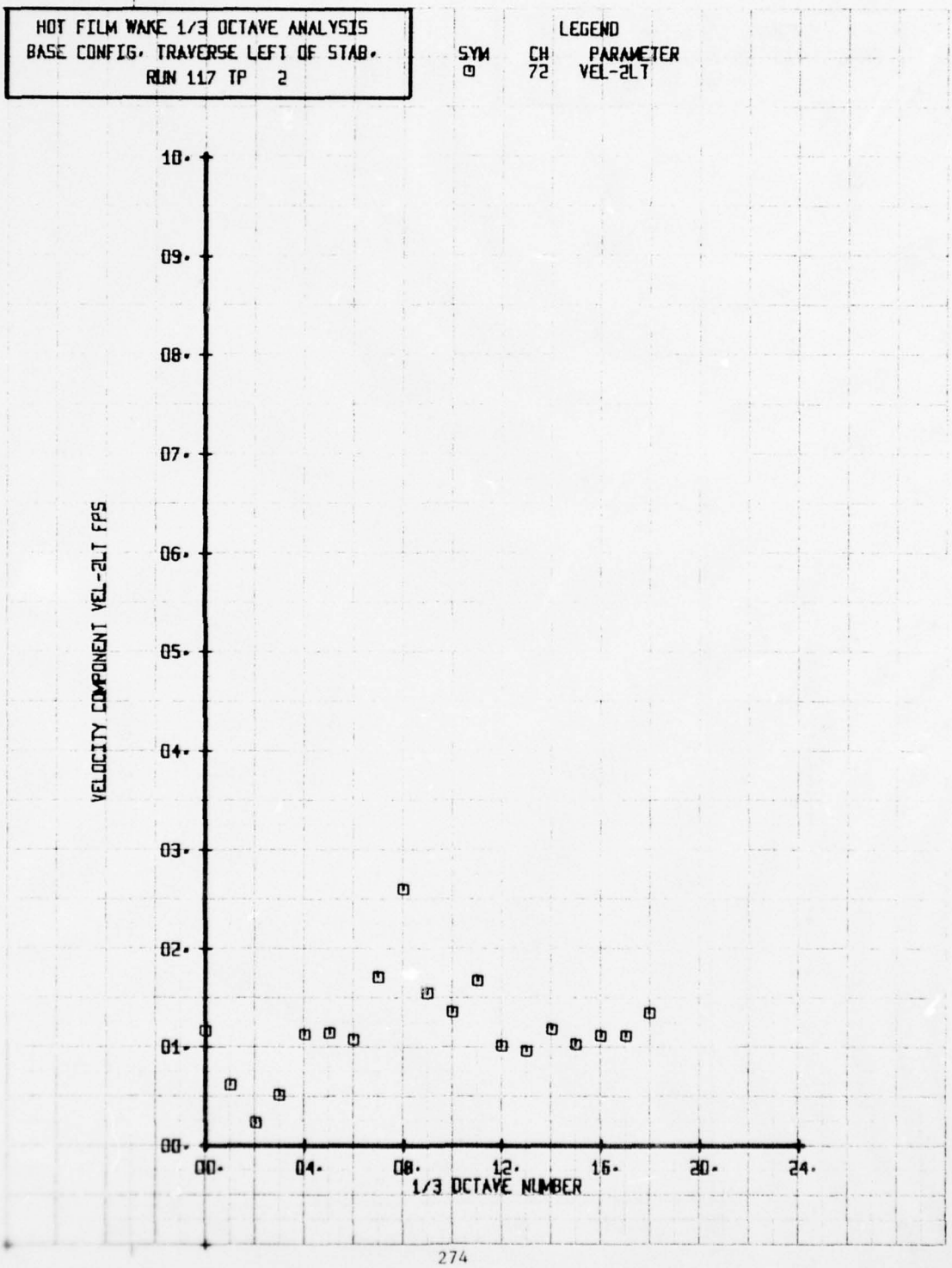

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 4
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

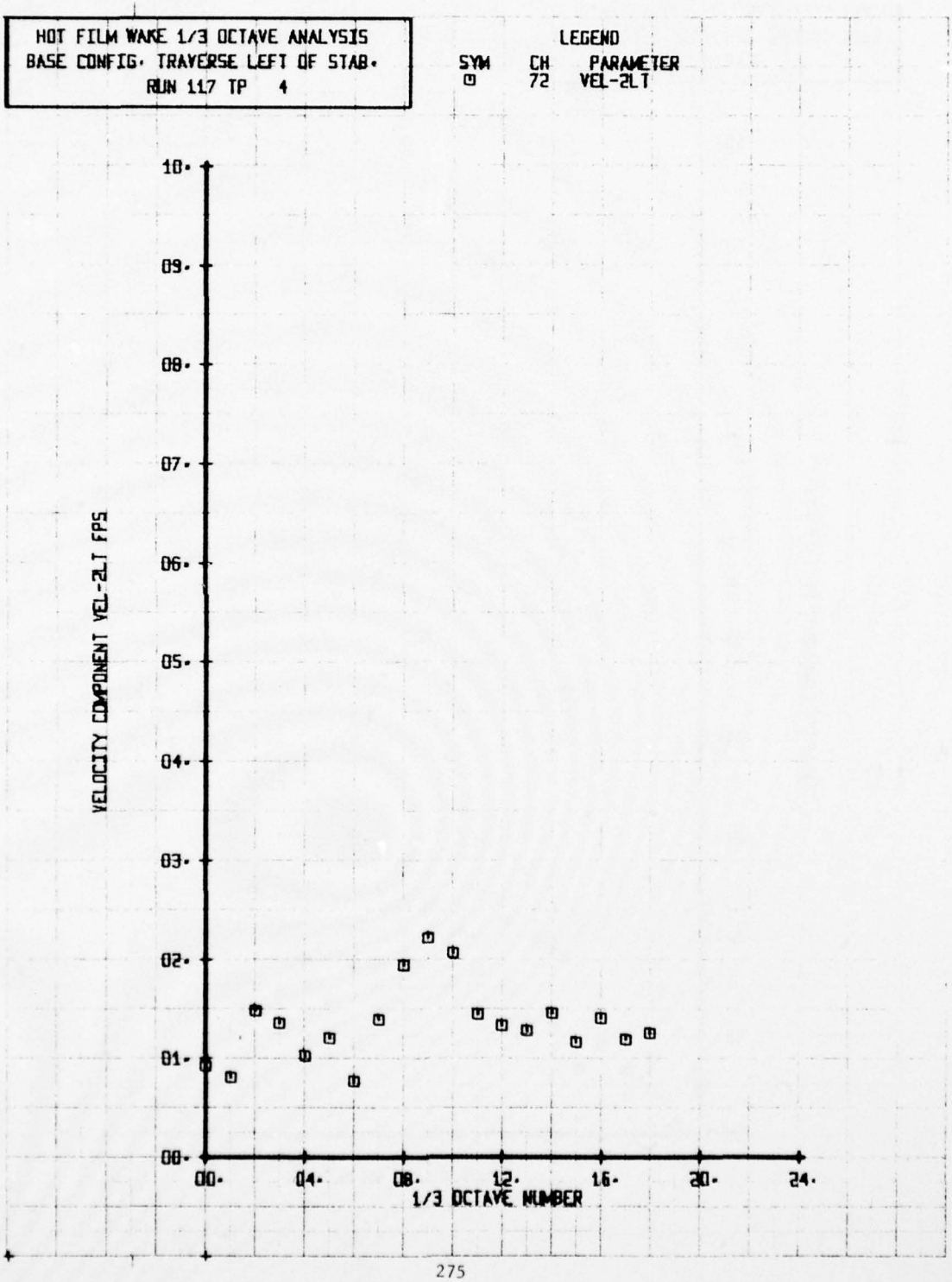
ET 7
WT 169

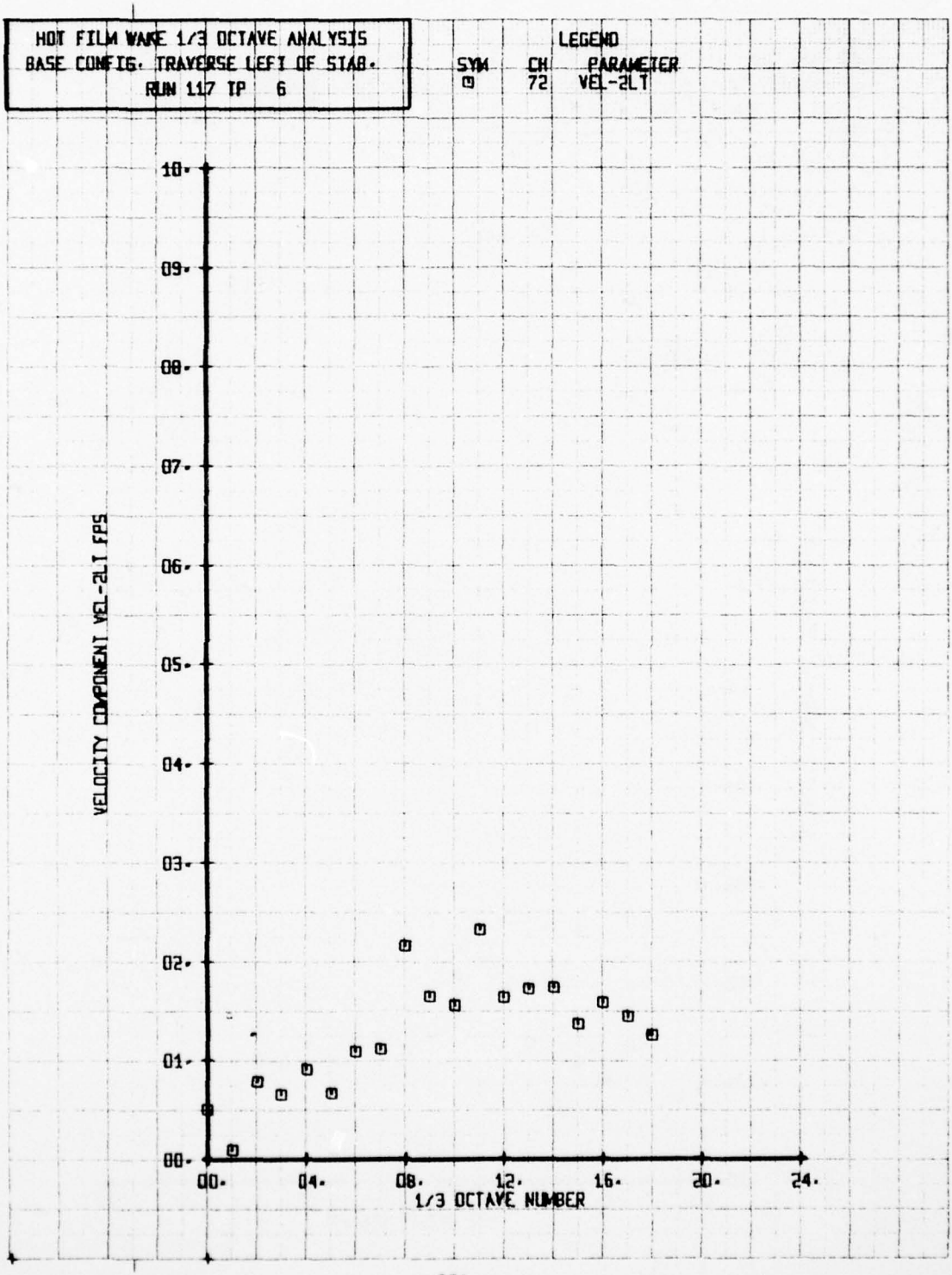

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 6
LEGEND
SYM CH PARAMETER
73 VEL-1LT
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VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

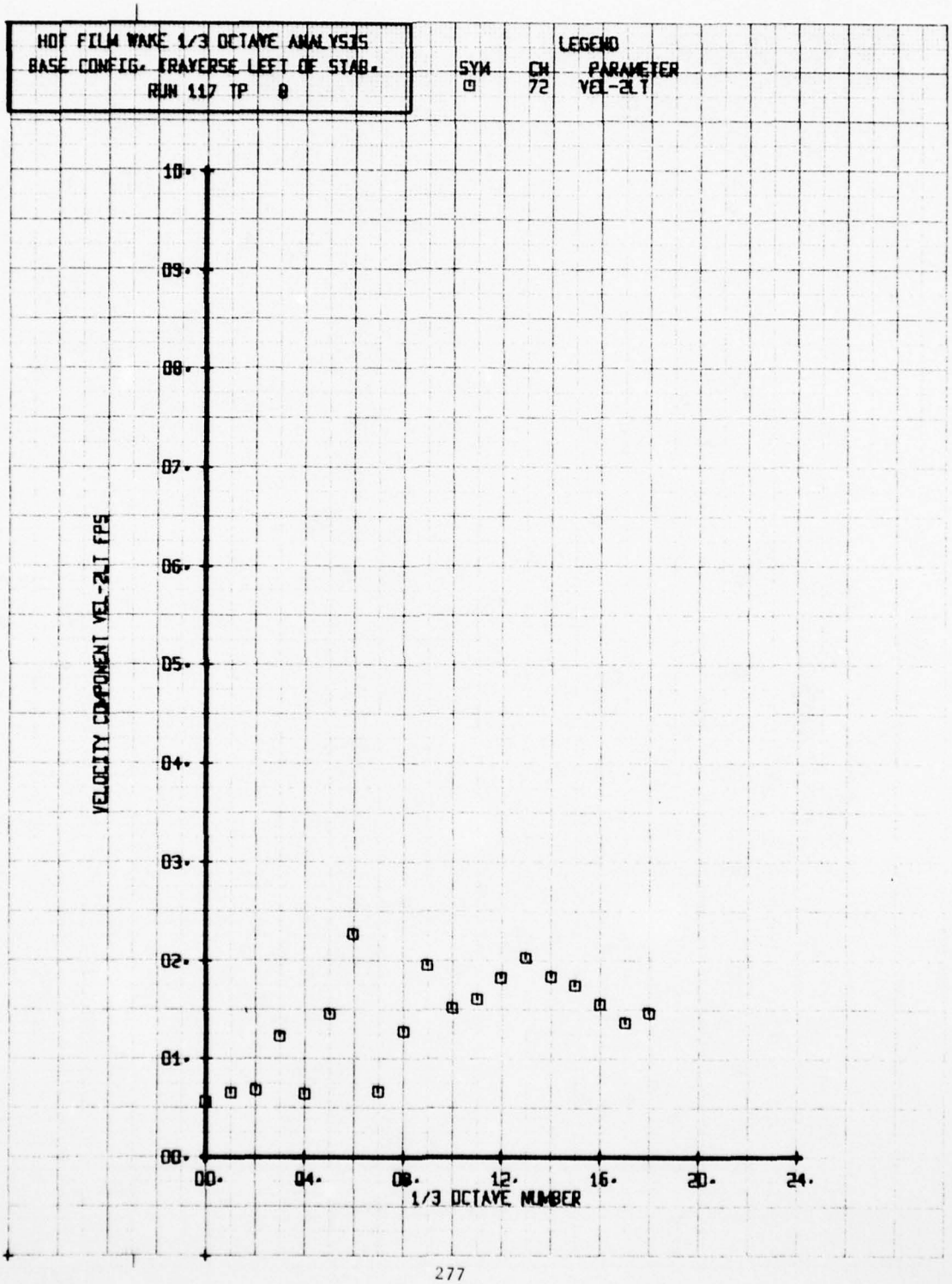

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 8
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER

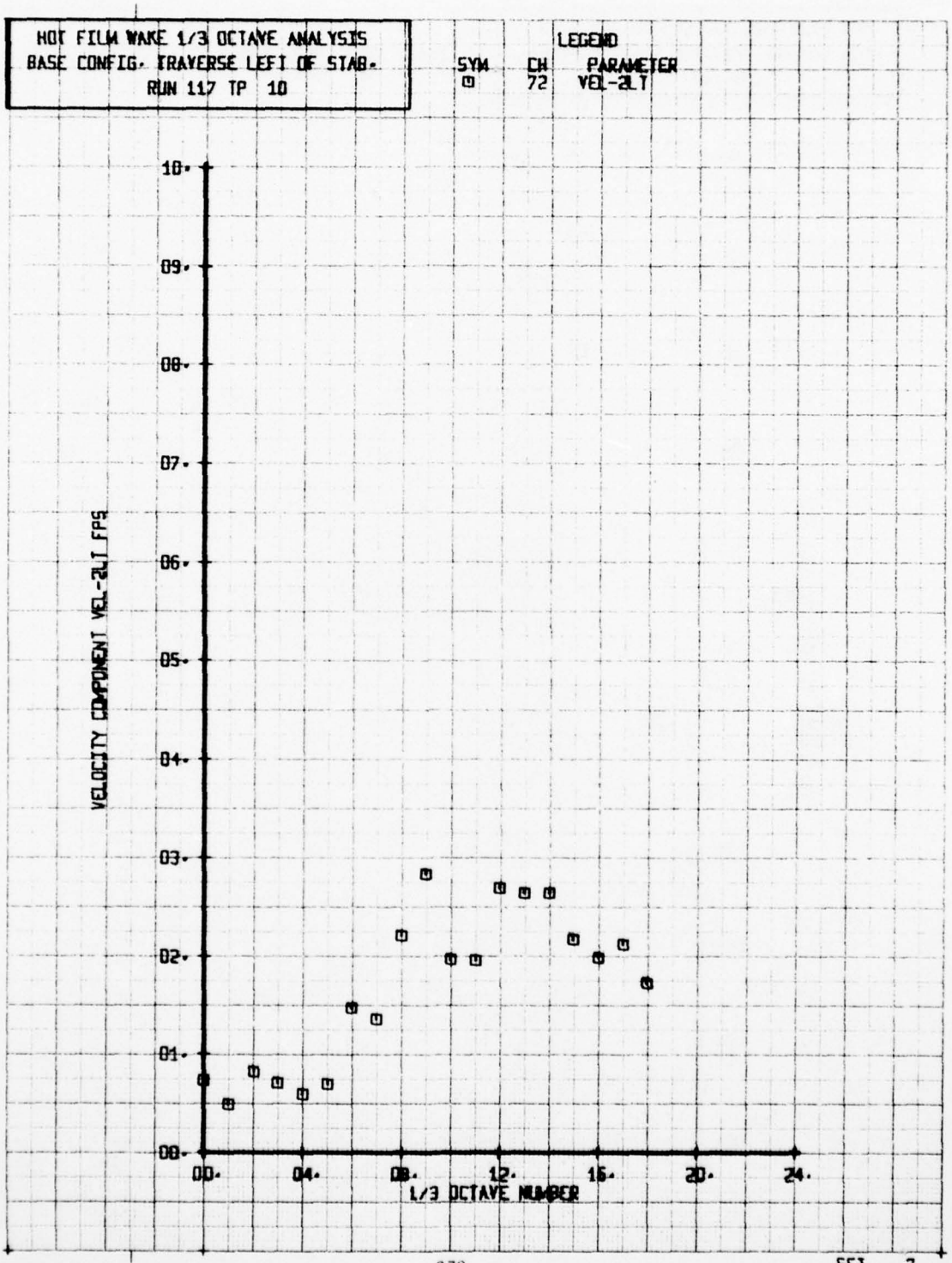

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 10
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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1/3 OCTAVE NUMBER
SET 7
BVWT 169

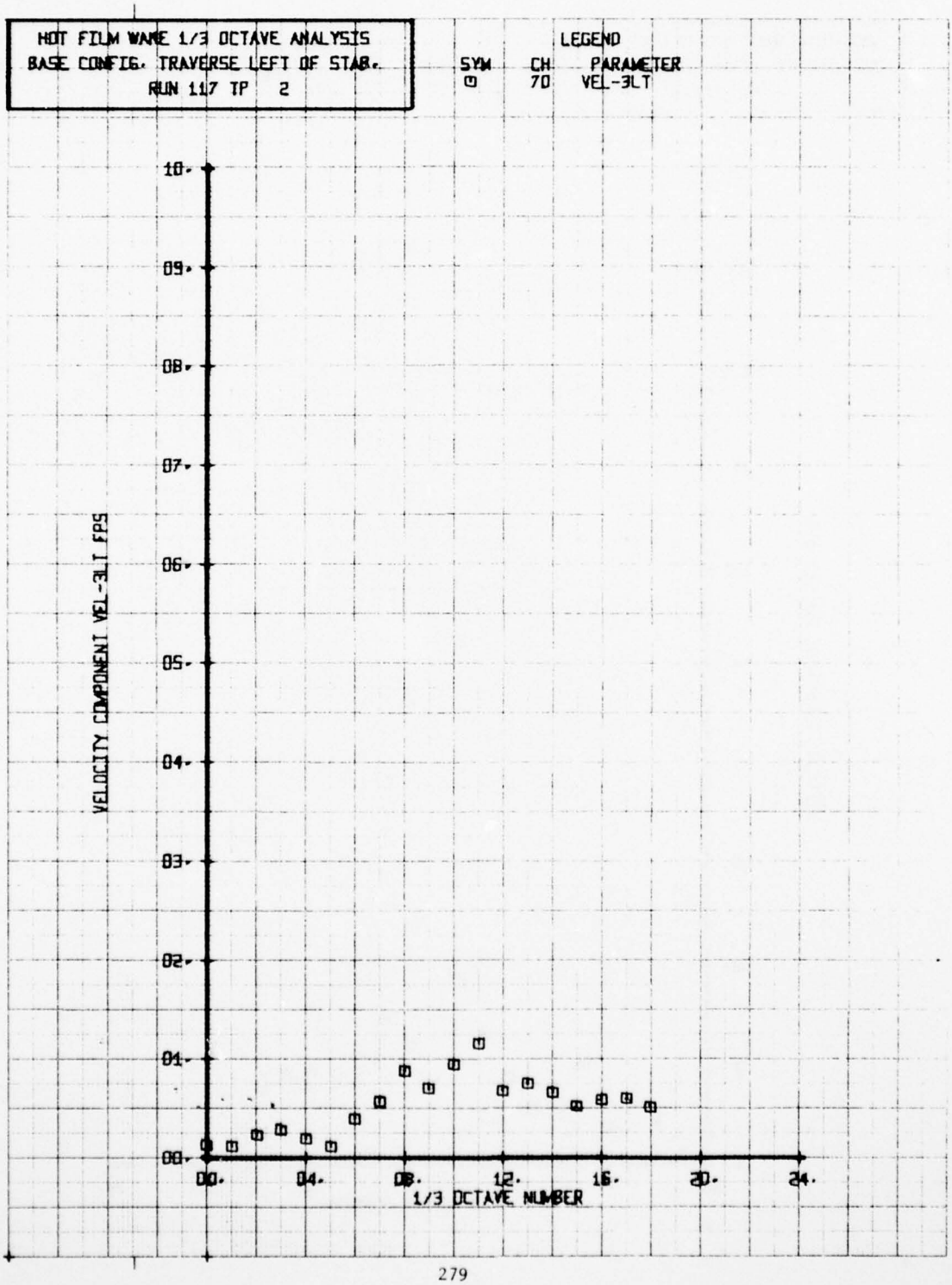

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 2
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 4
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

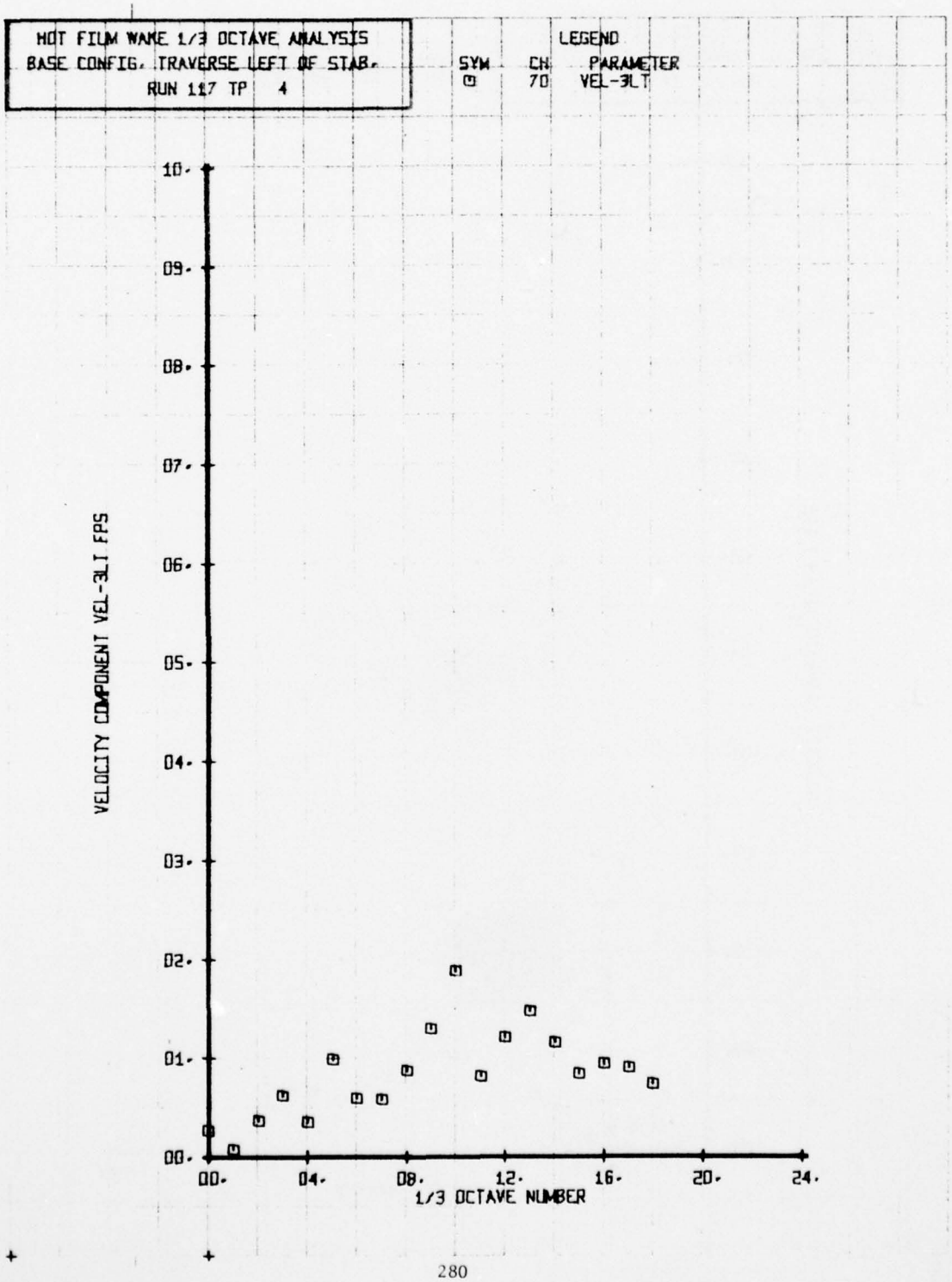

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 6
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

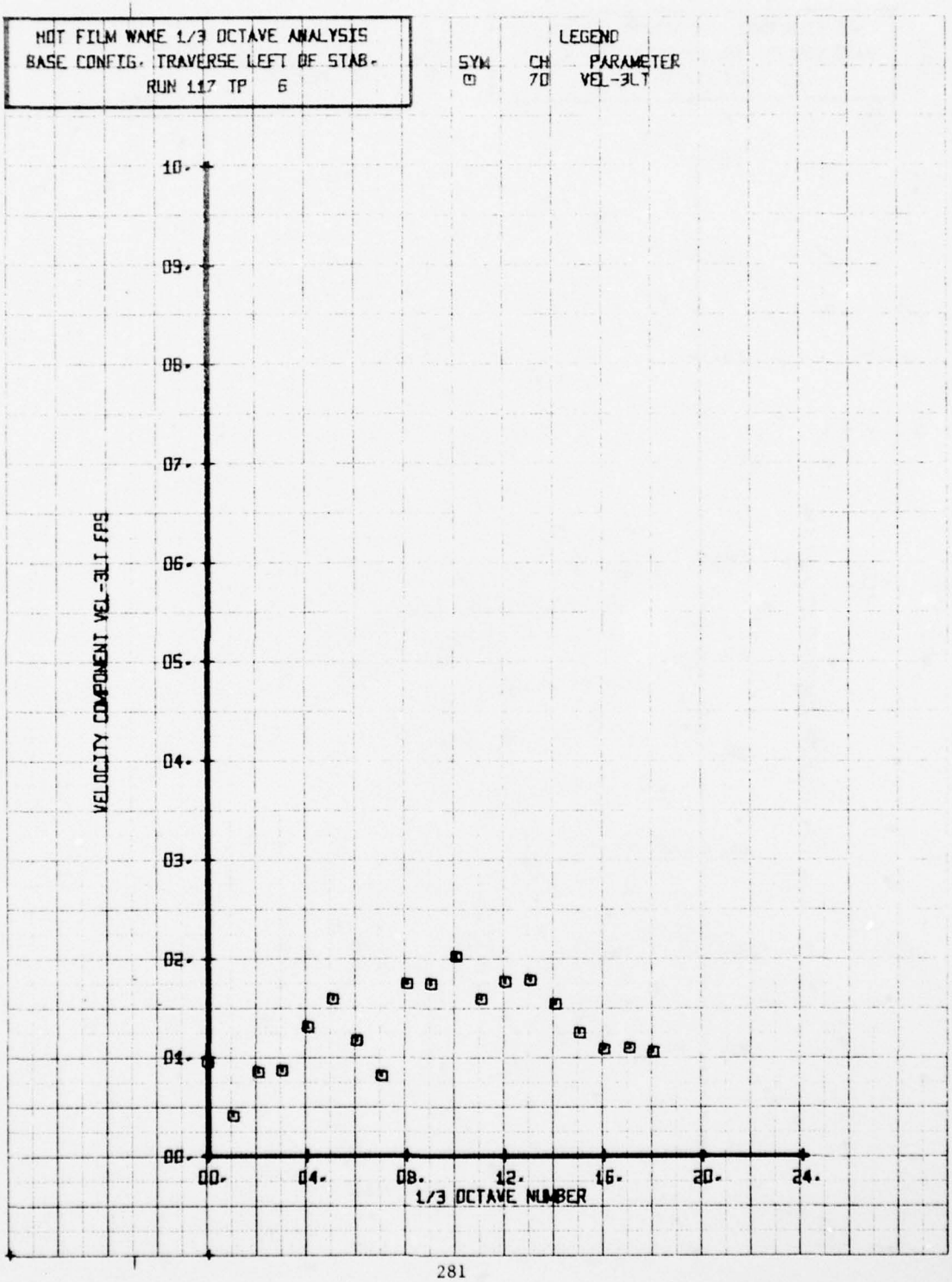

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 8
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER

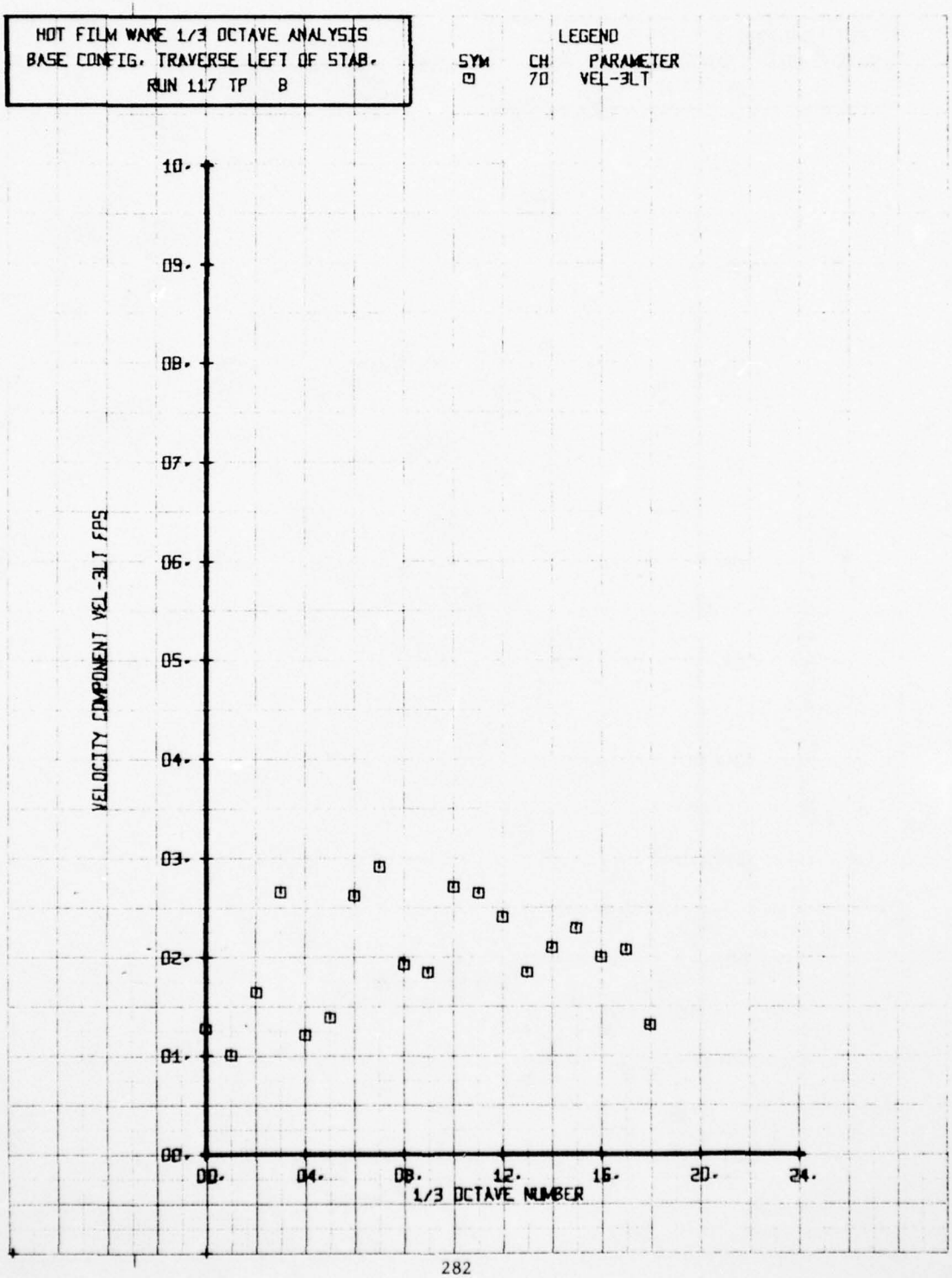

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 10
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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1/3 OCTAVE NUMBER
SET 7
BVWT 169

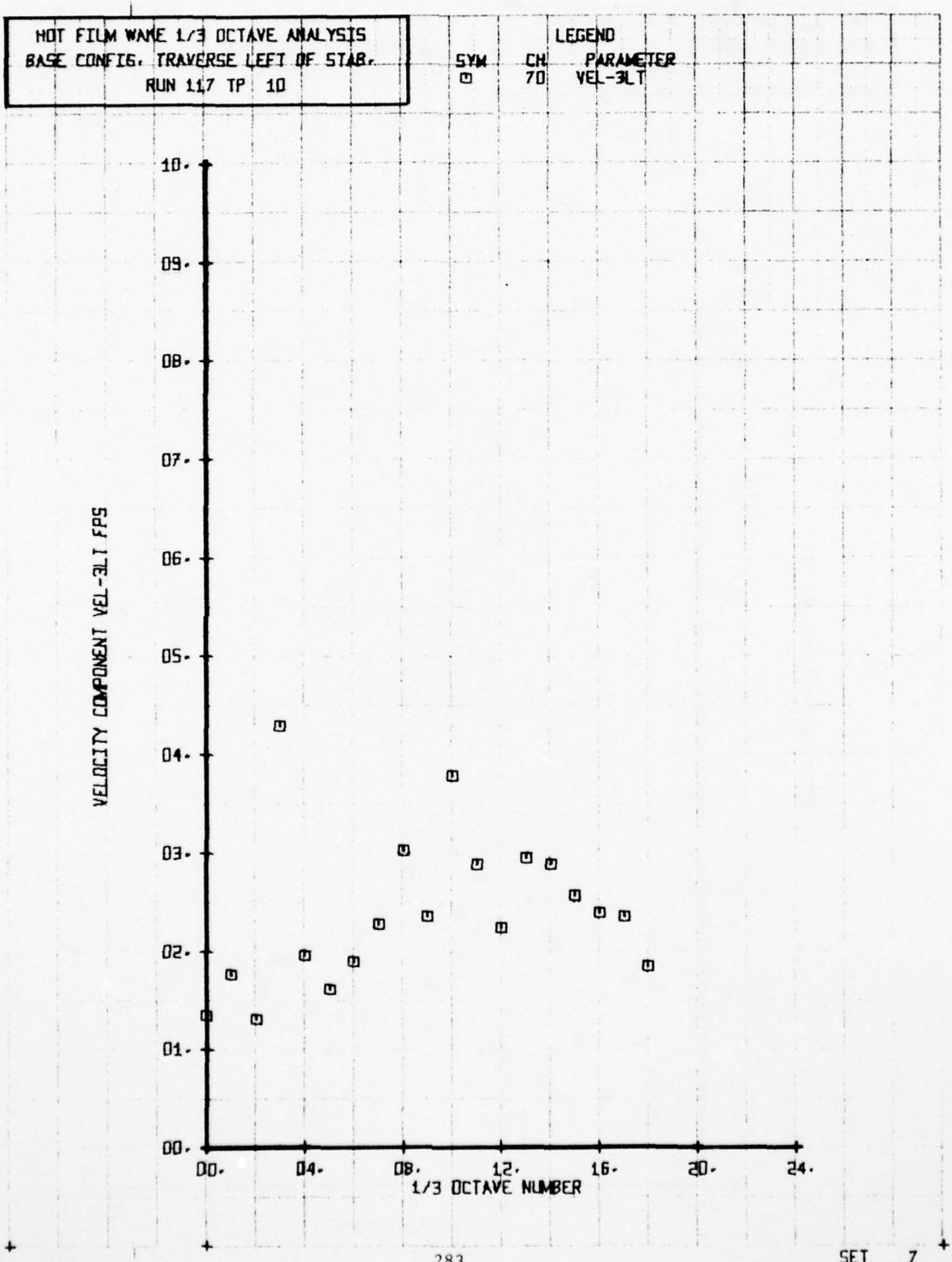

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 2
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

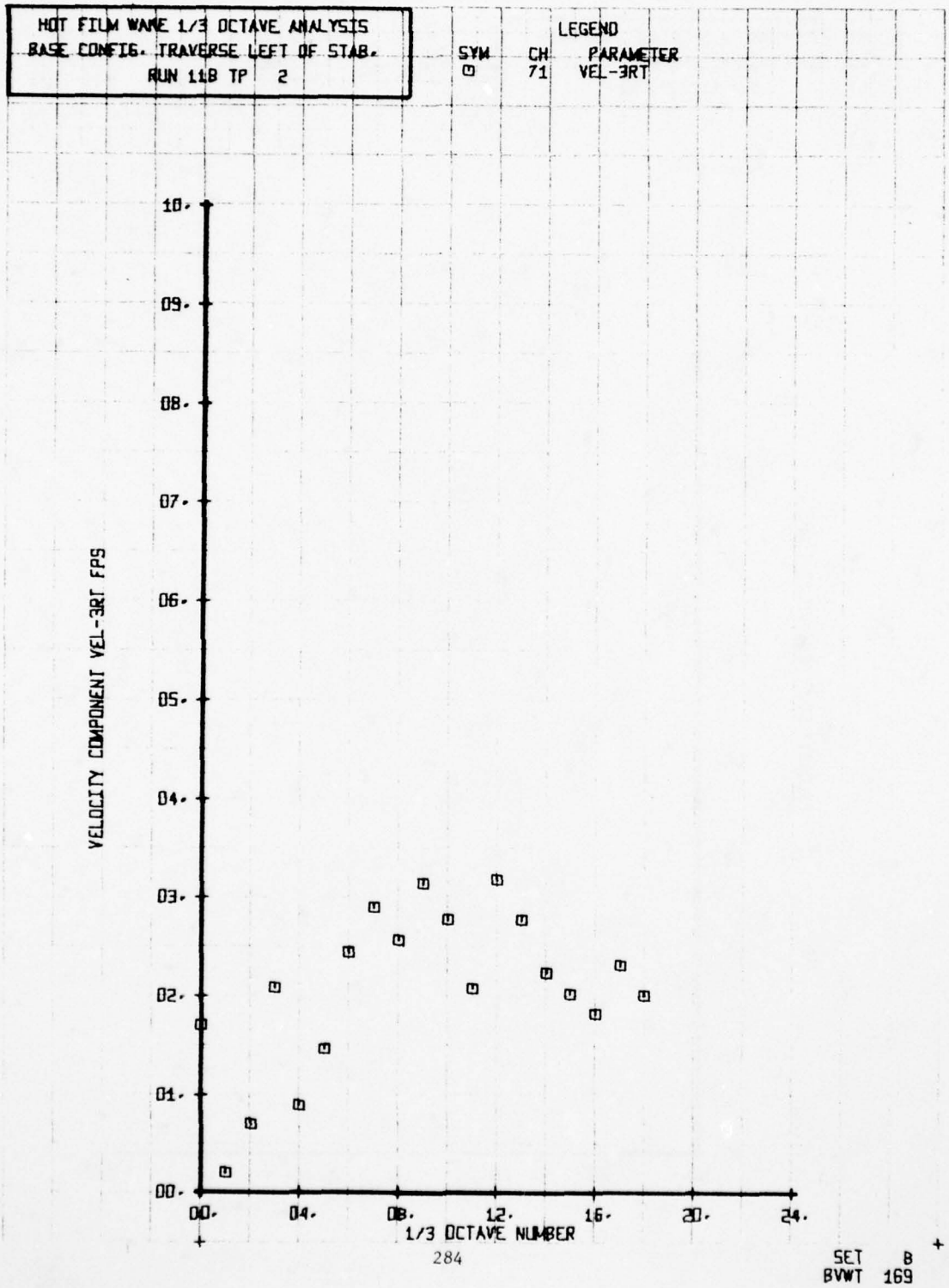
ET 7
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 4
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LI FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 6
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 8
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER

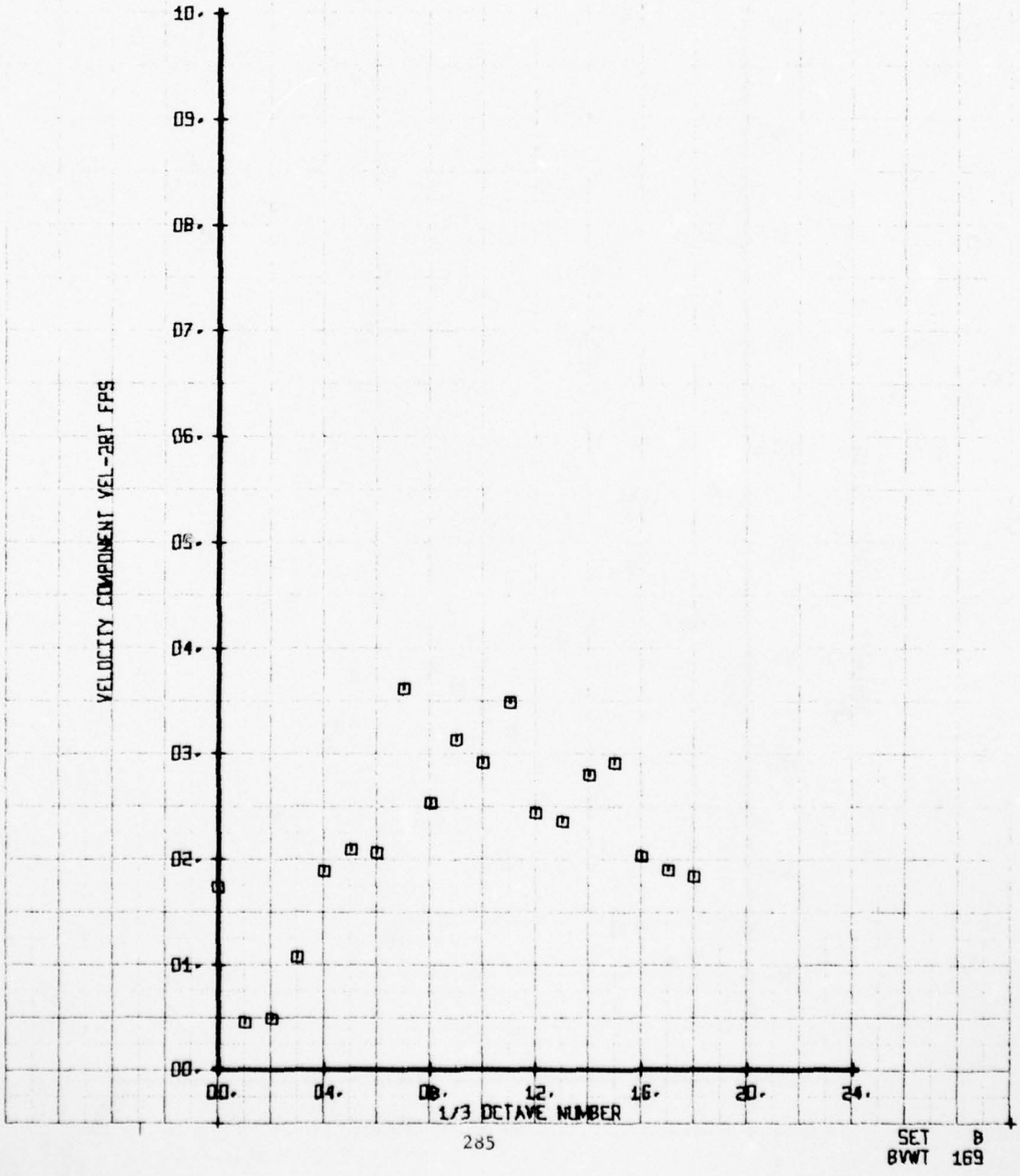

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 117 TP 10
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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1/3 OCTAVE NUMBER
SET 7
BVWT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 118 TP 2
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET B
BVWT 169

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 118 TP 2

LEGEND

SYM	CH	PARAMETER
□	75	VEL-2RT

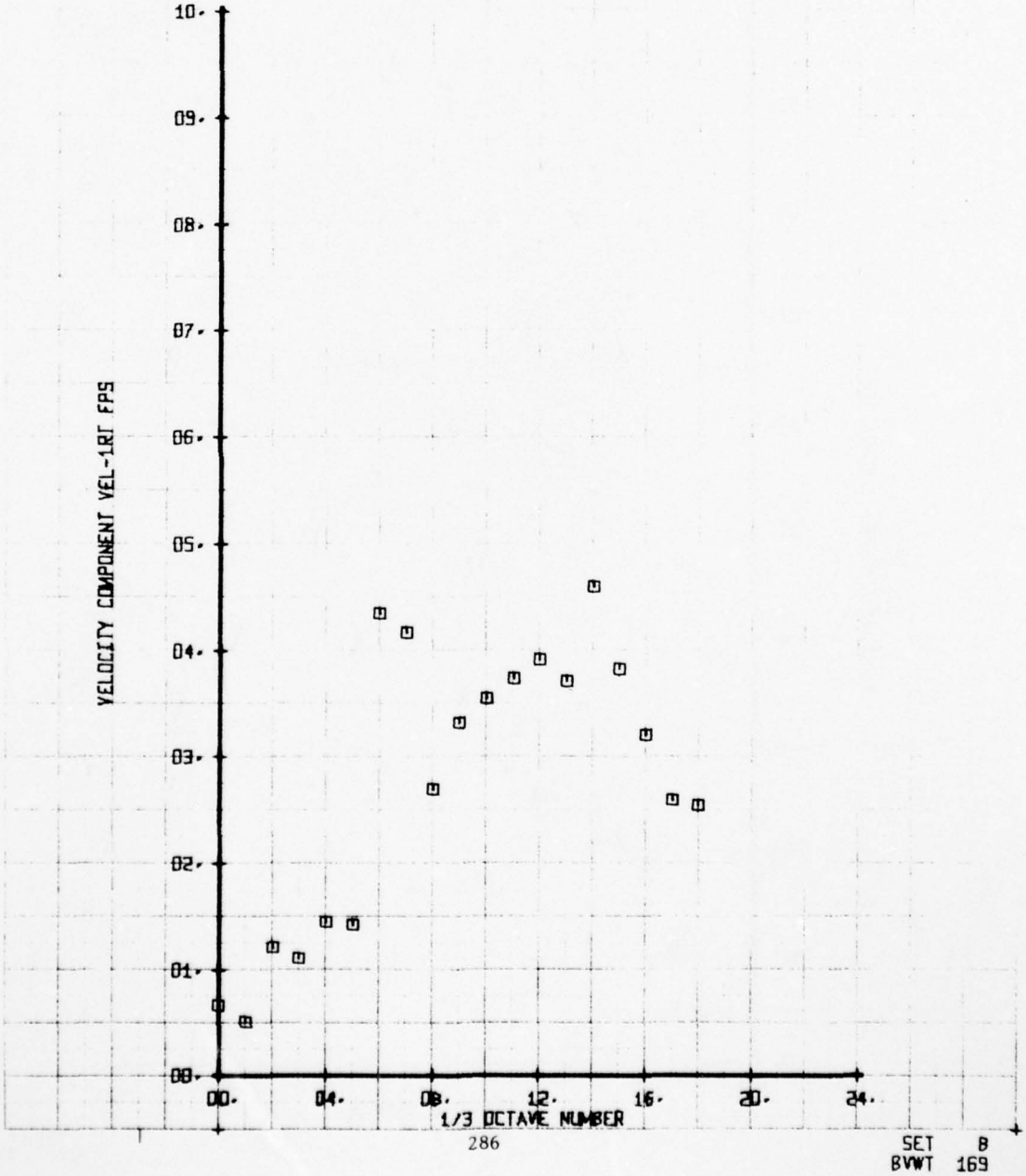


SET B
BWT 169

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 118 TP 2

LEGEND

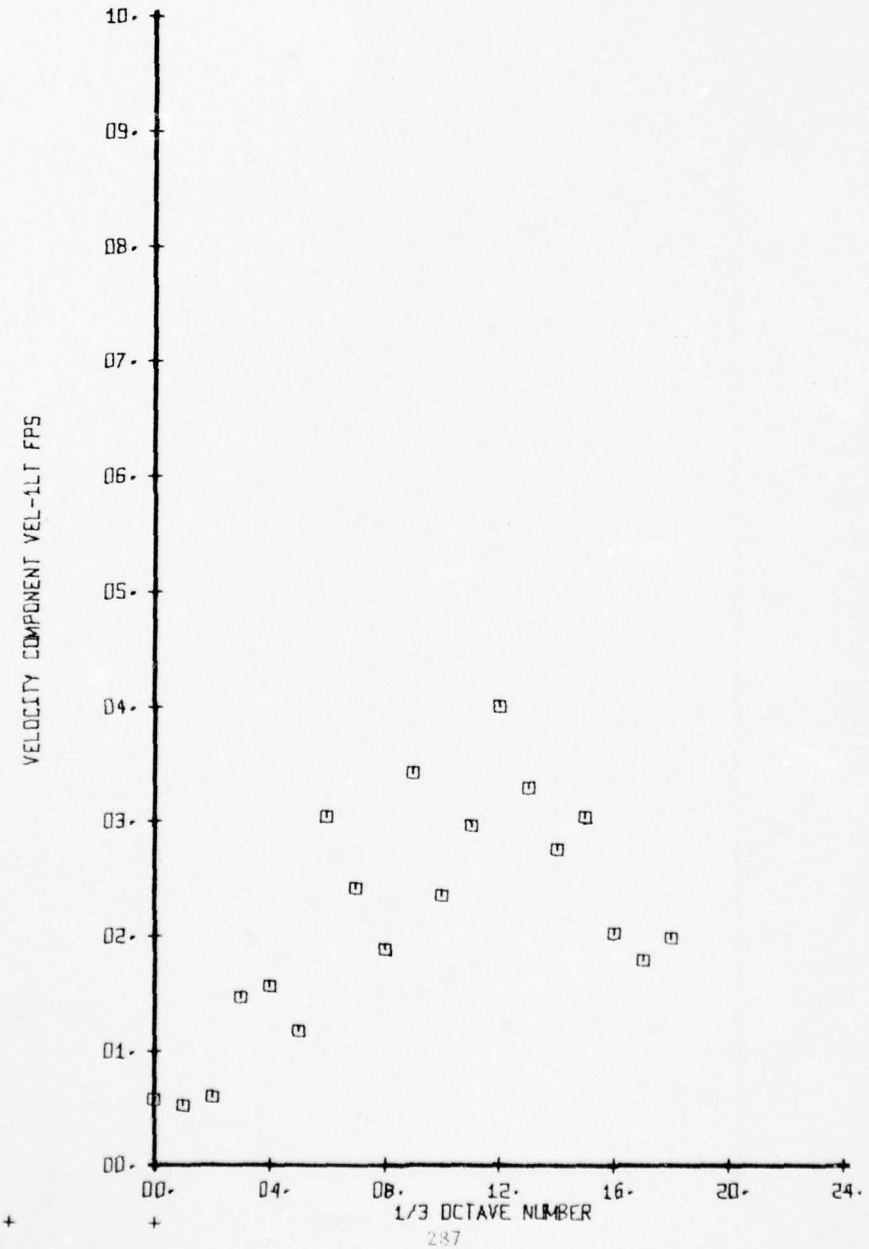
SYM	CH	PARAMETER
□	74	VEL-1RT



HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 118 TP 2

LEGEND

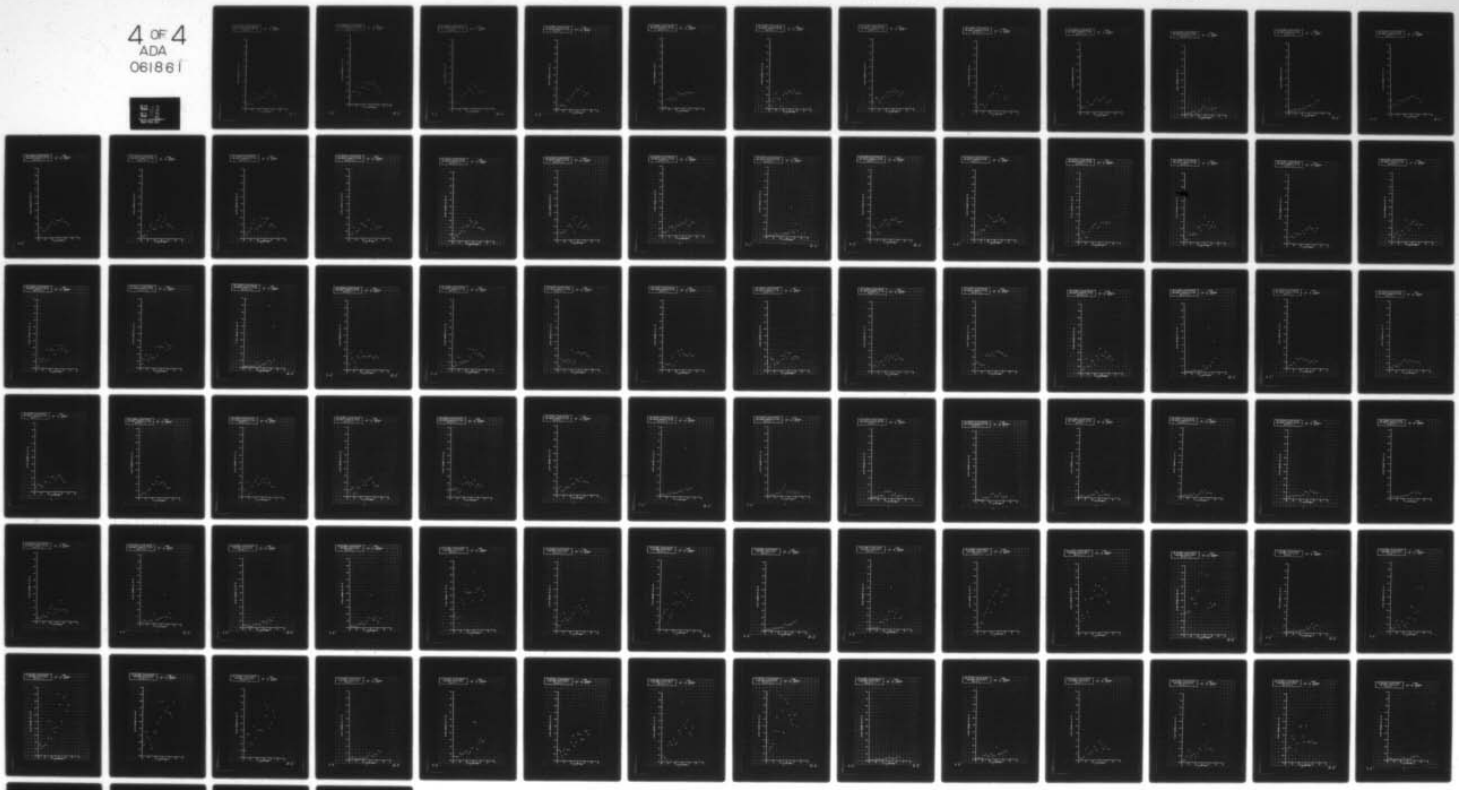
SYM	CH	PARAMETER
□	73	VEL-1LT



SET 8
BVWT 169

AD-A061 861 BOEING VERTOL CO PHILADELPHIA PA F/G 1/3
INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFI--ETC(U)
SEP 78 P F SHERIDAN DAAJ02-77-C-0020
UNCLASSIFIED USARTL-TR-78-23F NL

4 OF 4
ADA
061861

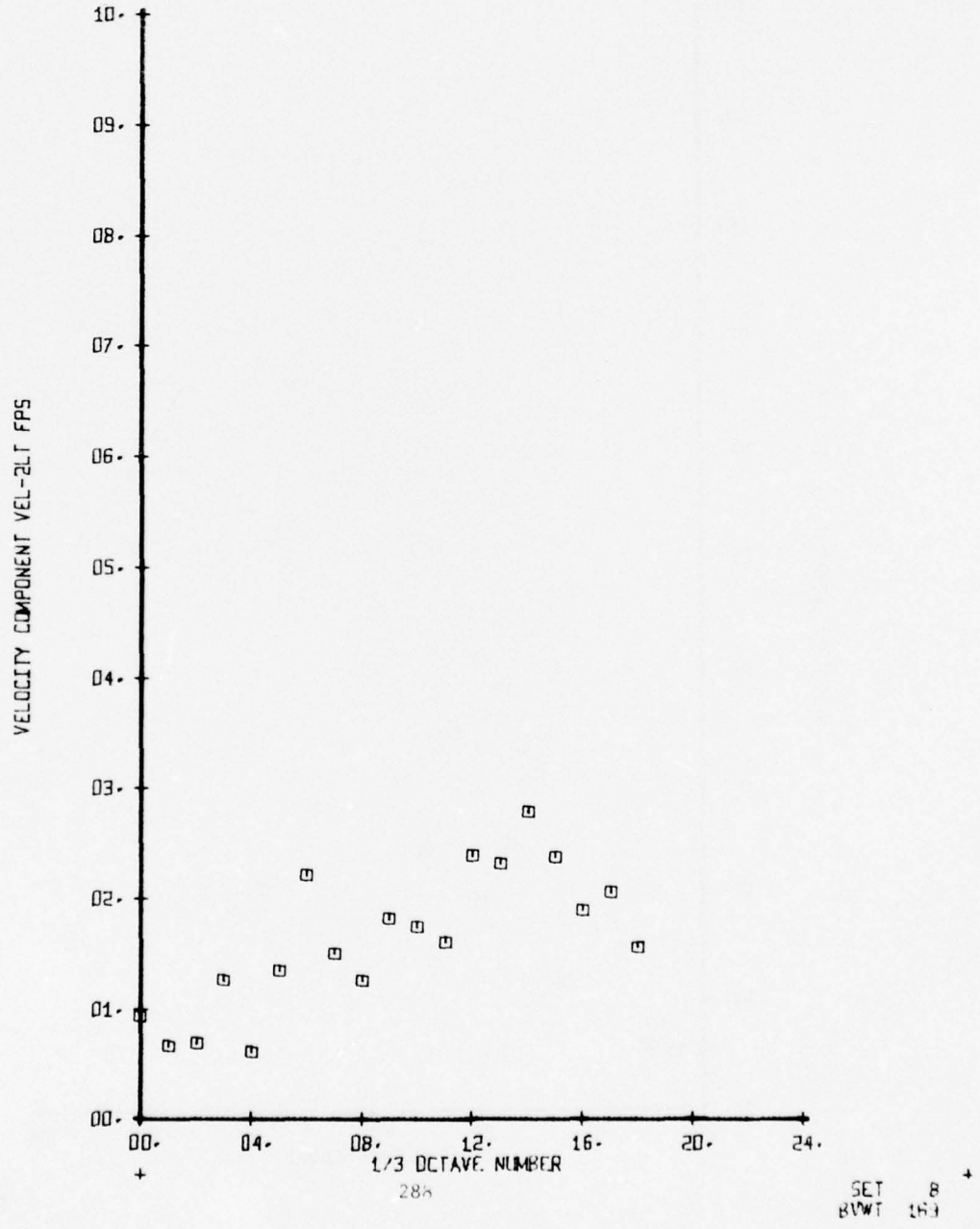


END
DATE
FILMED
3 -79
DDC

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 118 TP 2

LEGEND

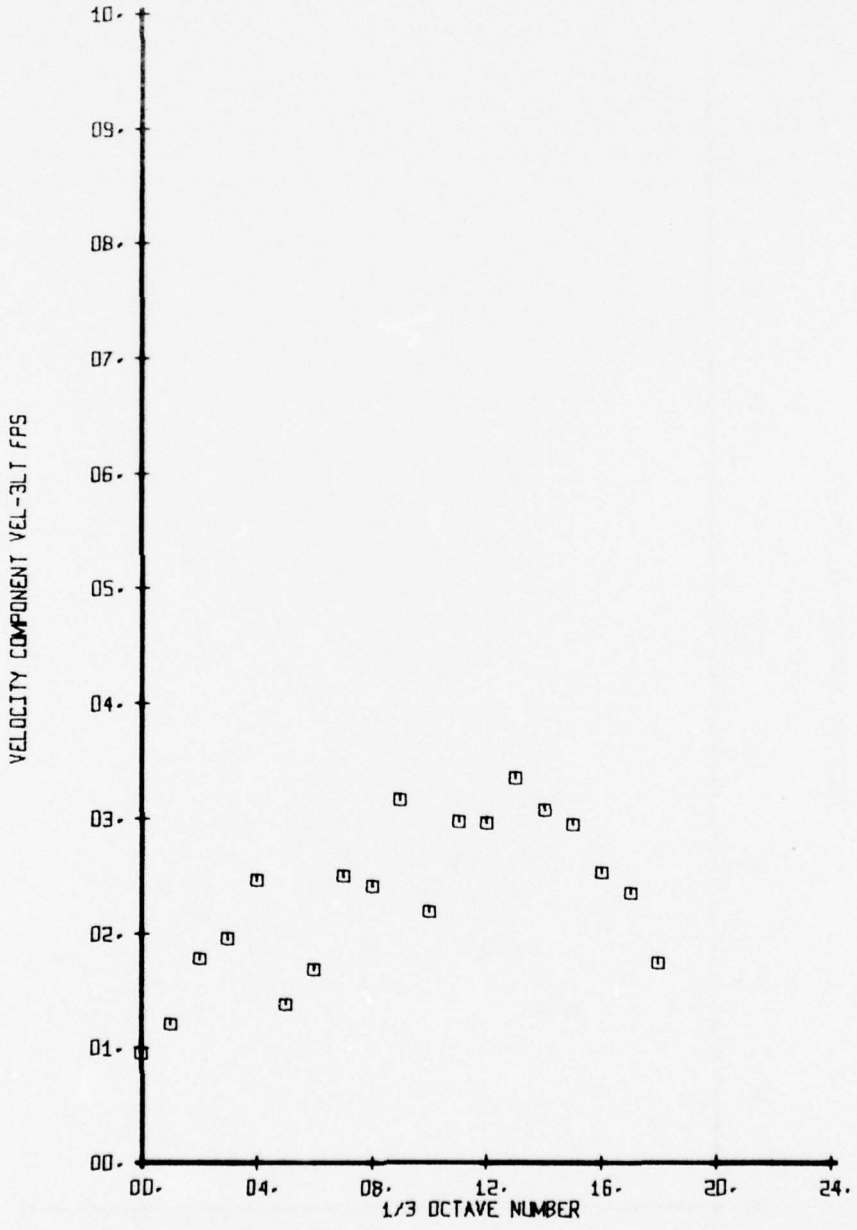
SYM	CH	PARAMETER
□	72	VEL-2LT



HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE LEFT OF STAB.
RUN 118 TP 2

LEGEND

SYM	CH	PARAMETER
⊡	70	VEL-3LT



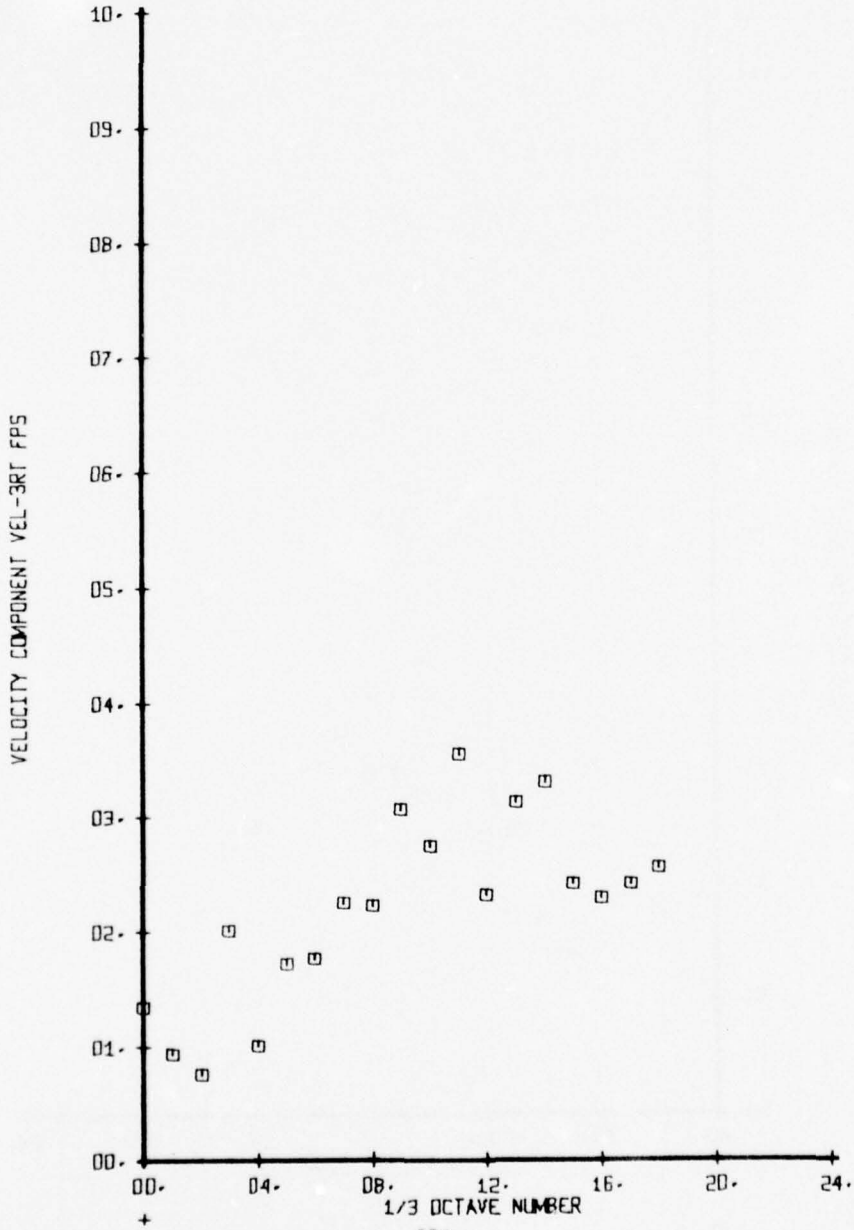
SET B
WT 169

SET B
BVWT 169

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 2

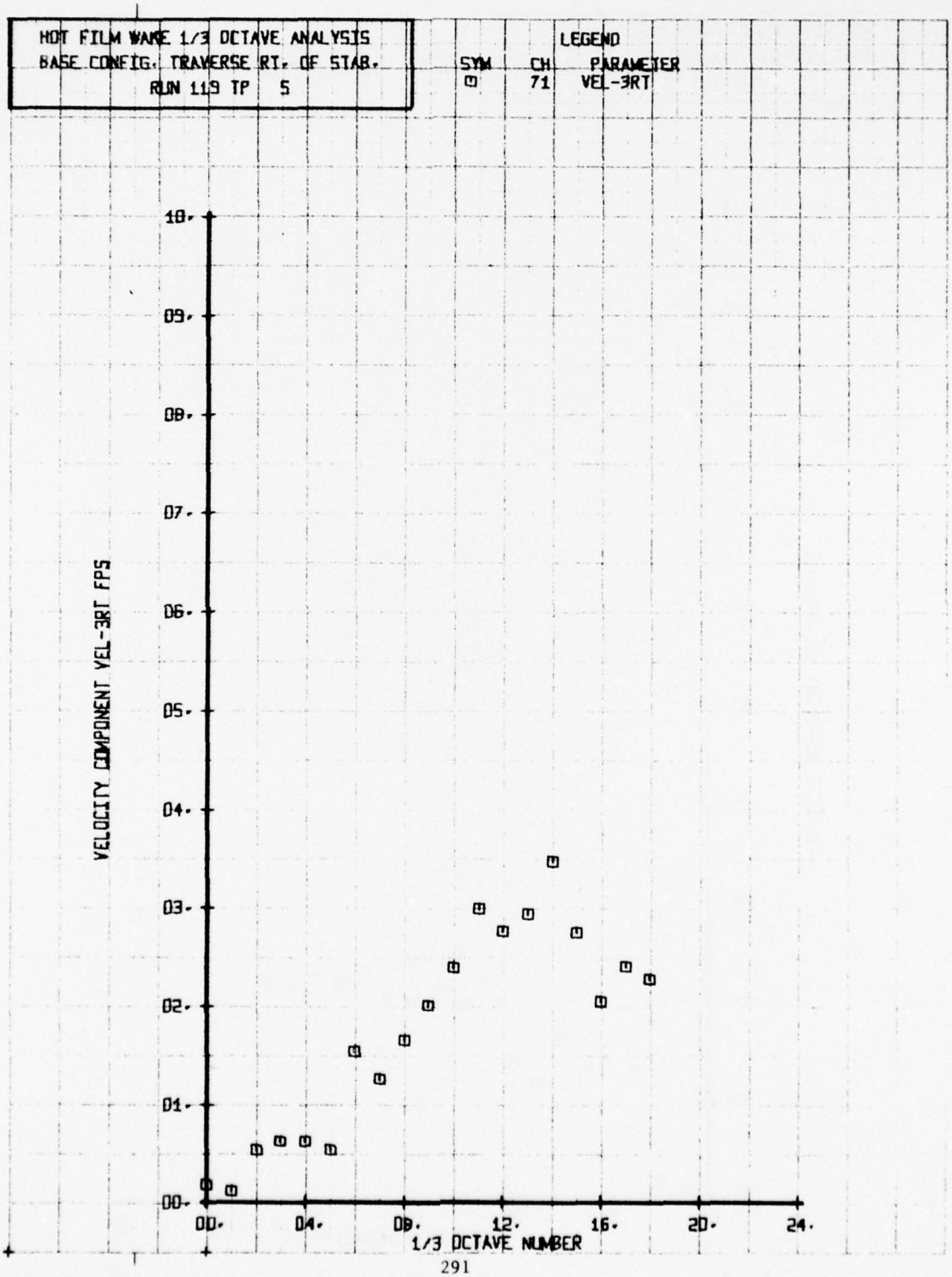
LEGEND

SYM	CH	PARAMETER
⊡	71	VEL-3RT

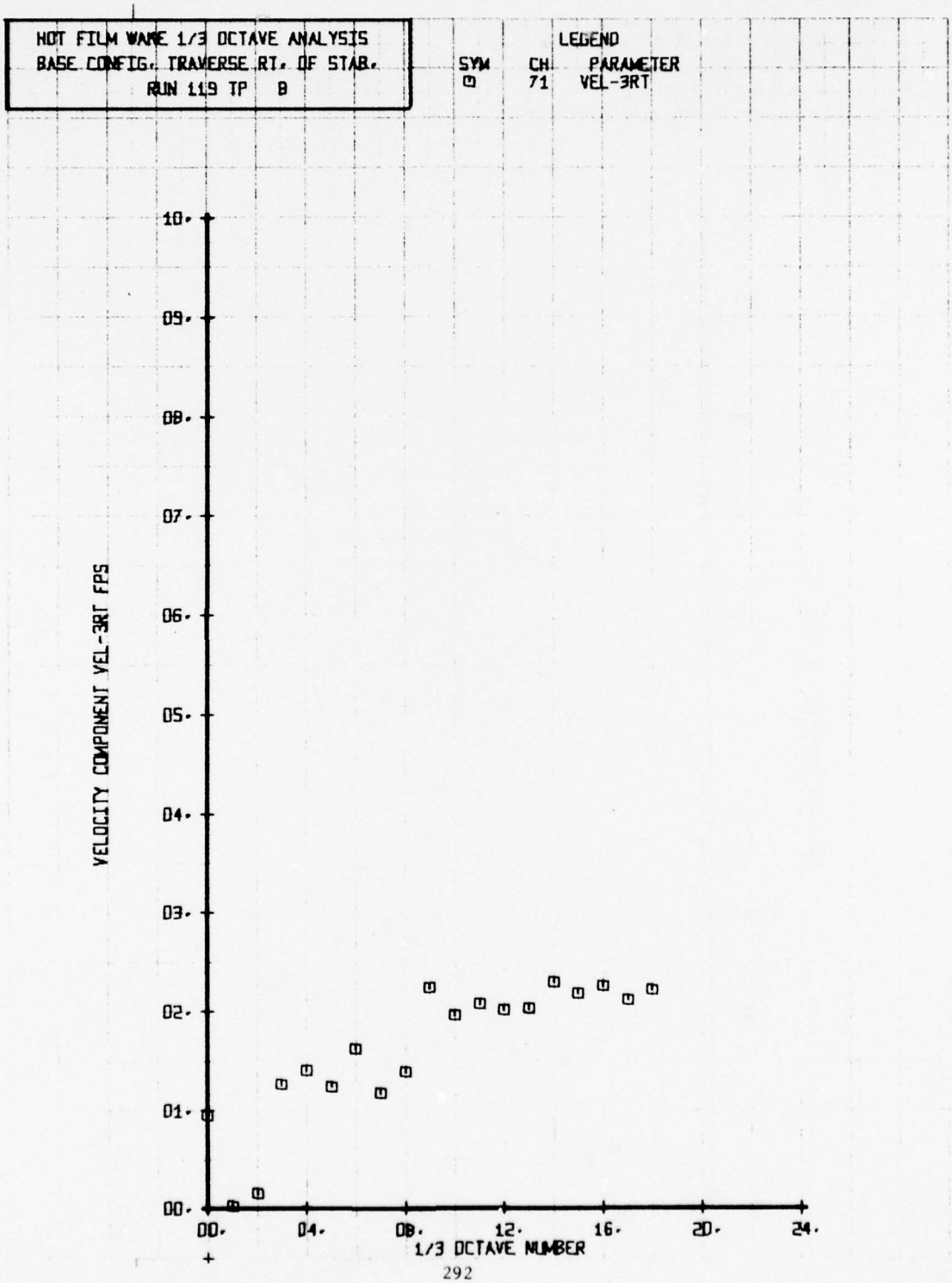


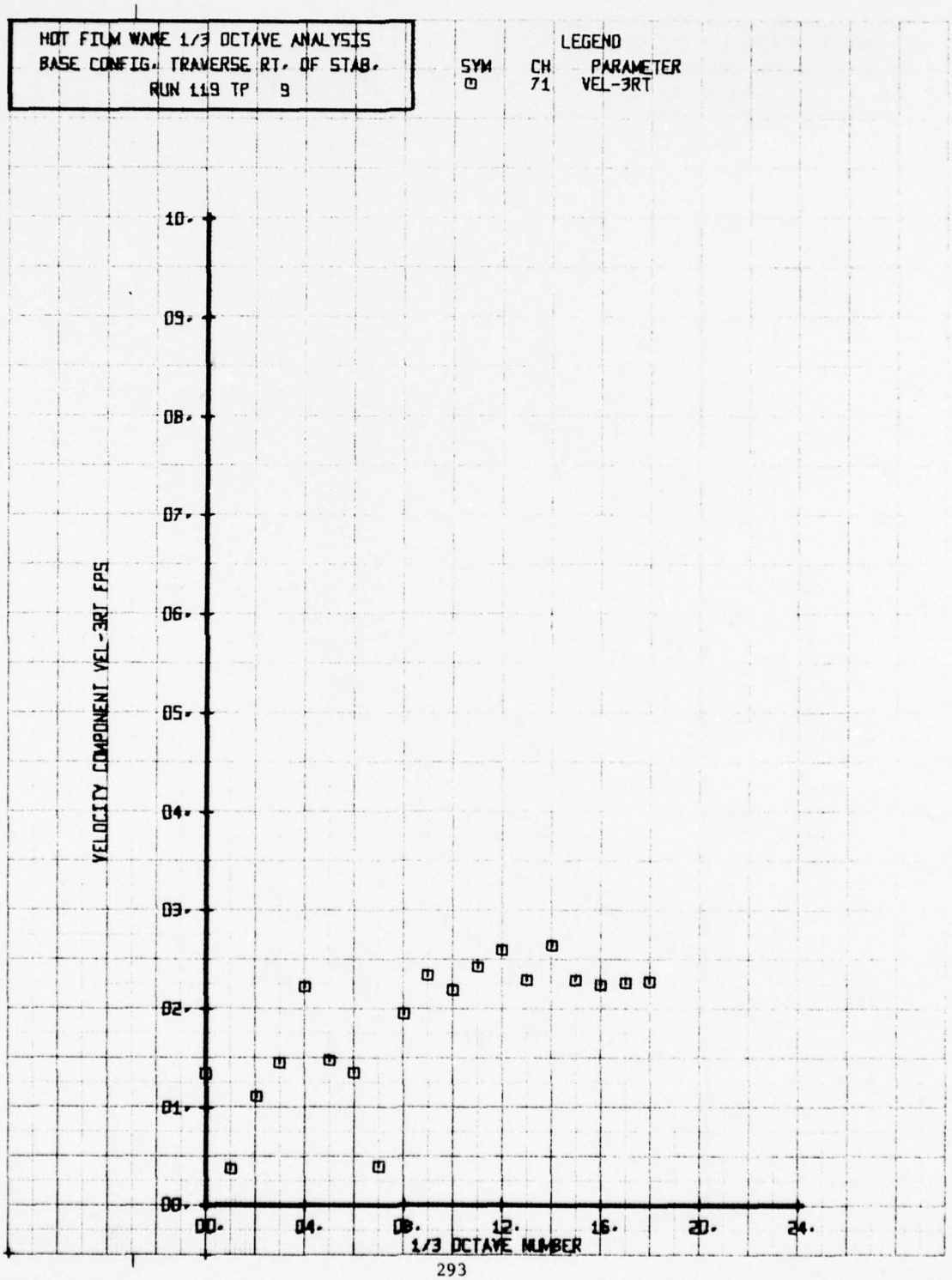
ET 9
WT 169

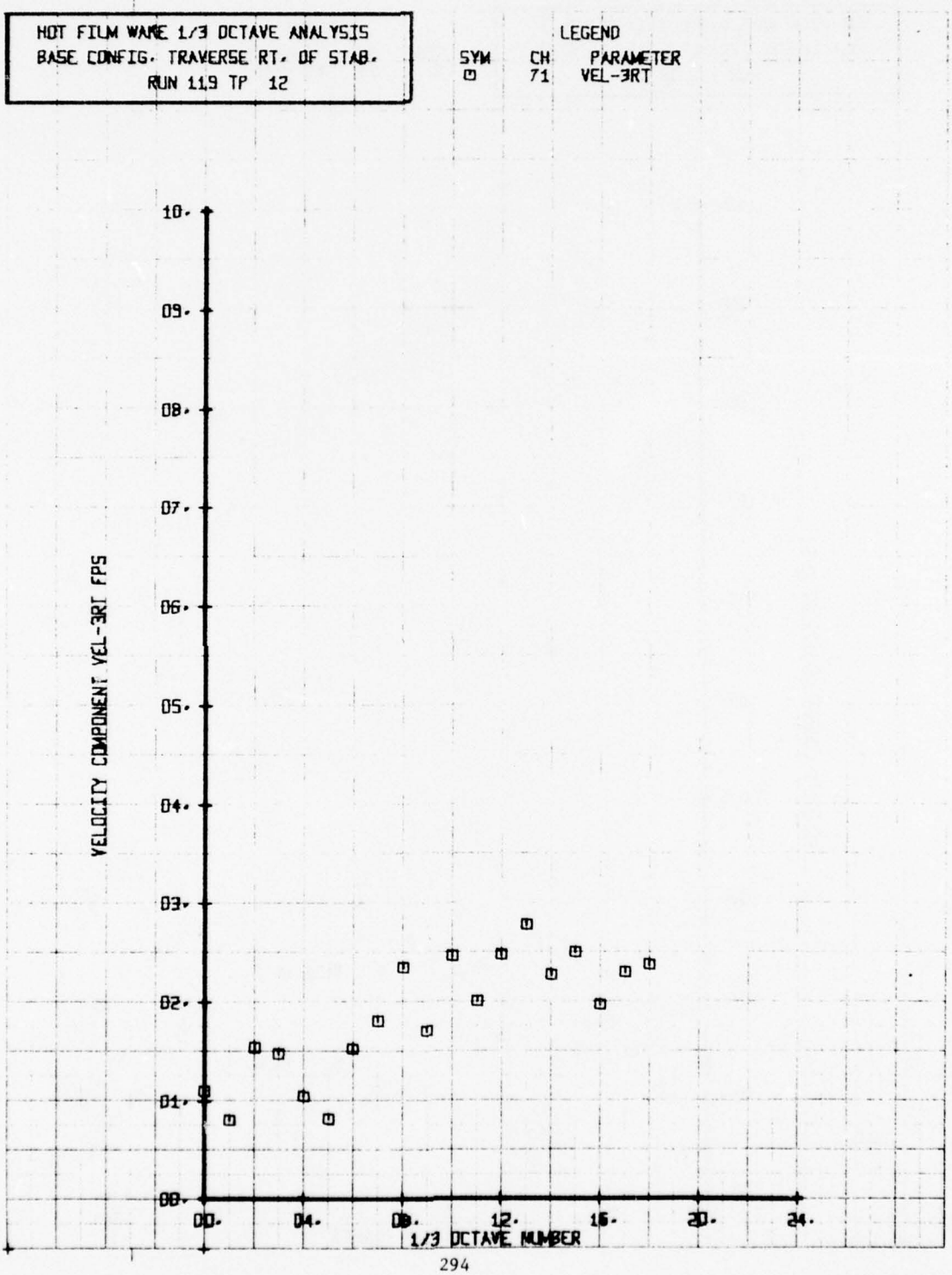
SET 9
BVWT 169

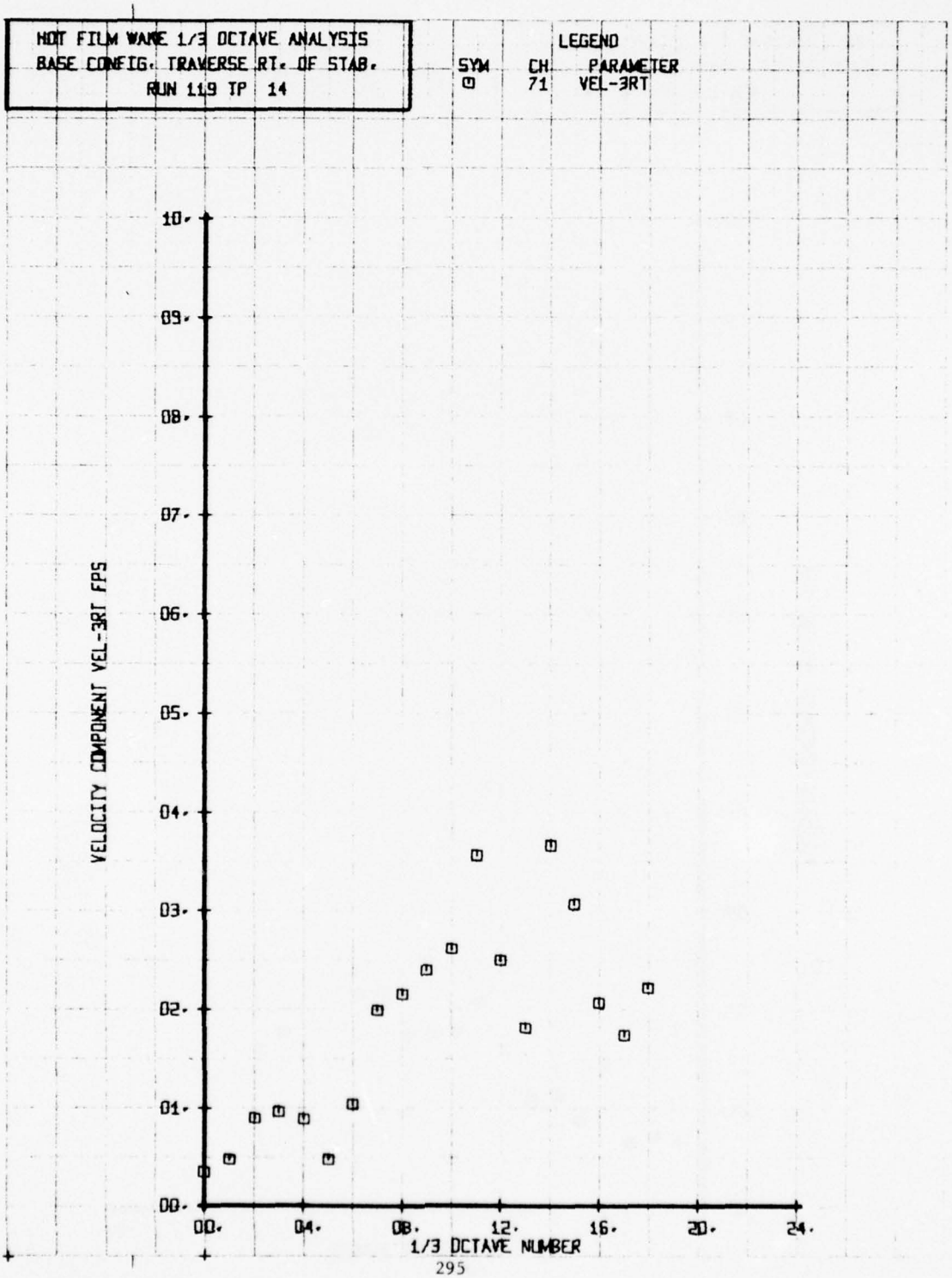

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 5
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
08.
07.
06.
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04.
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04.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

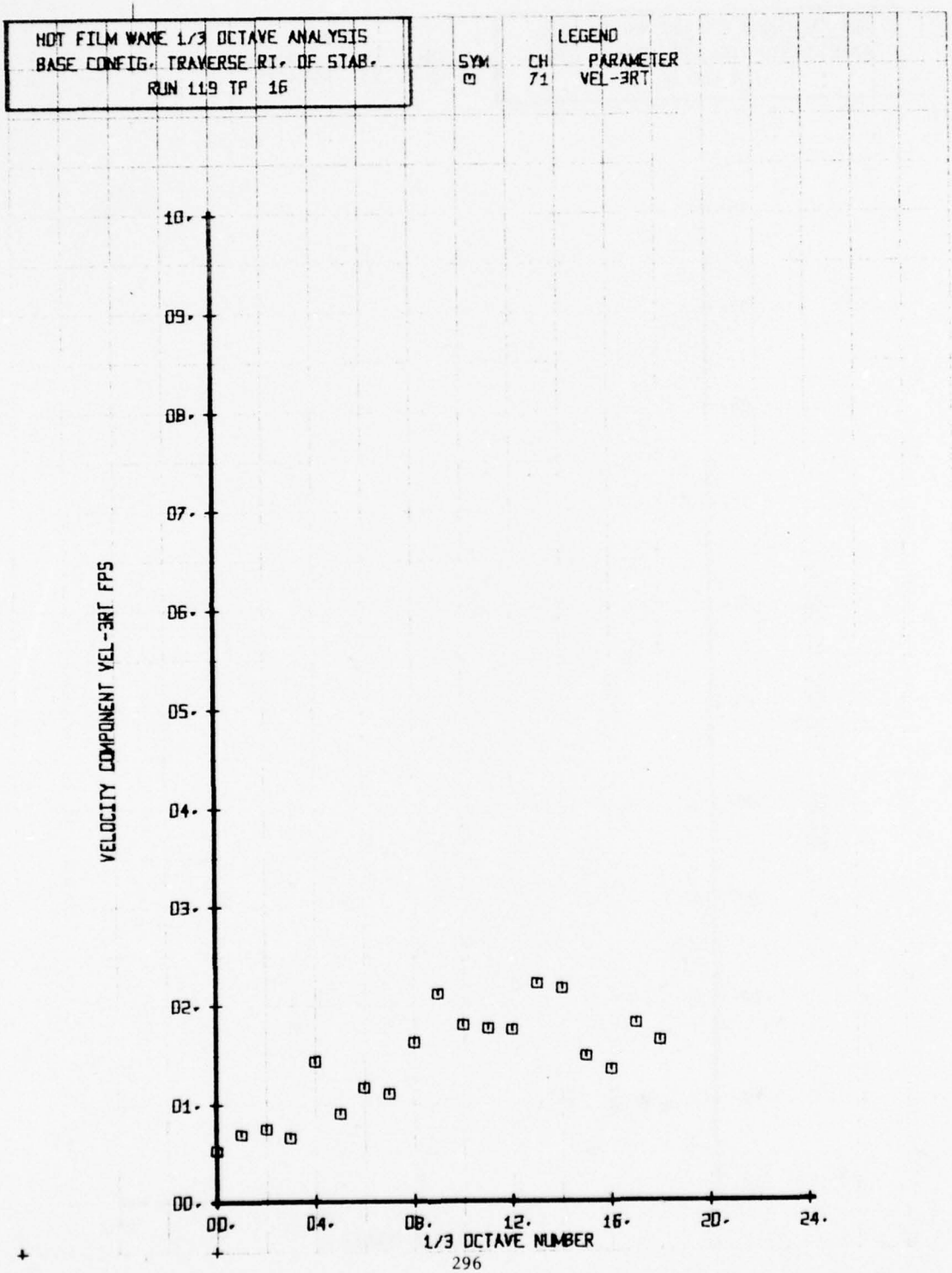
ET 9
WT 169

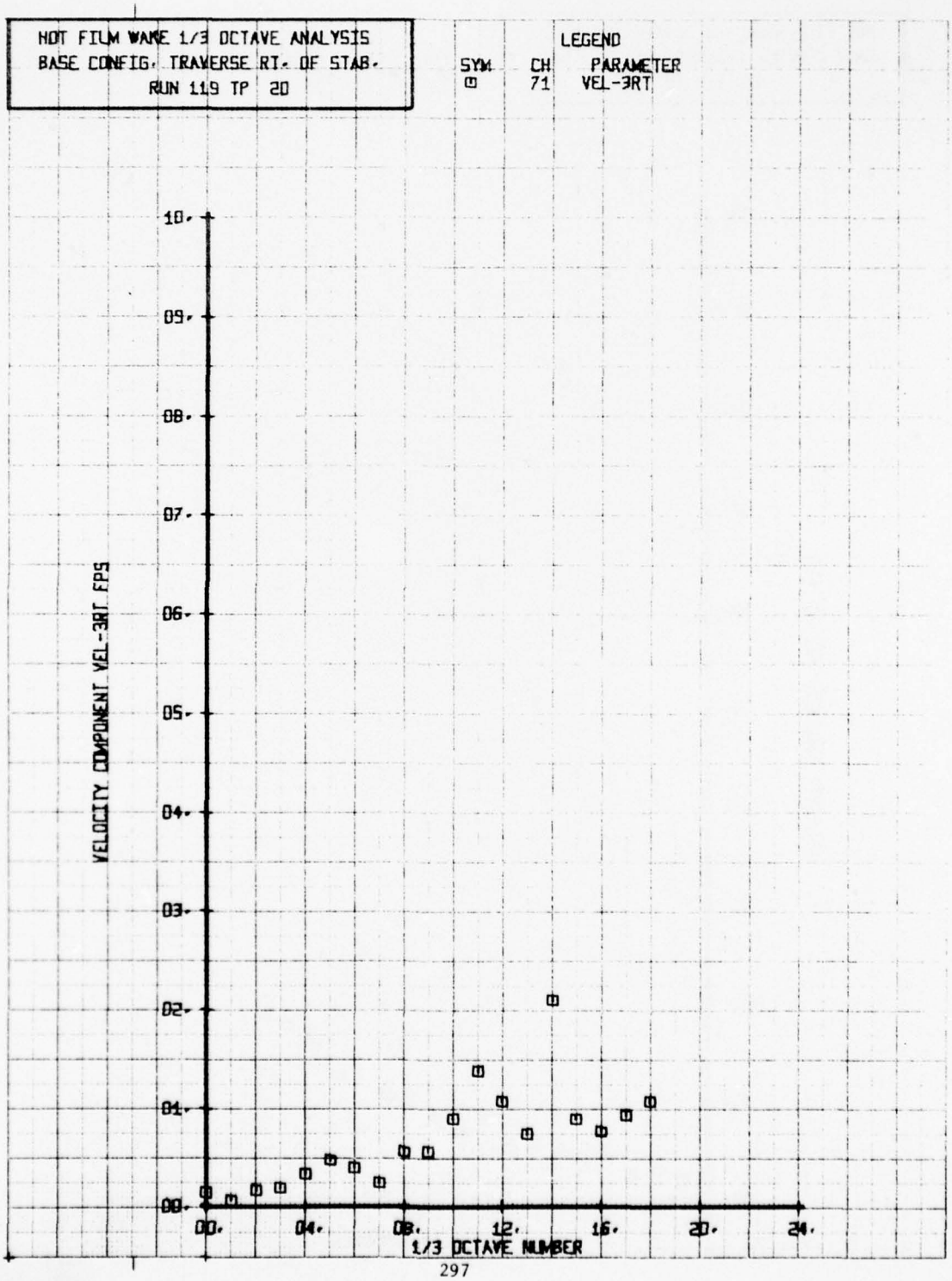

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 8
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
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06.
05.
04.
03.
02.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

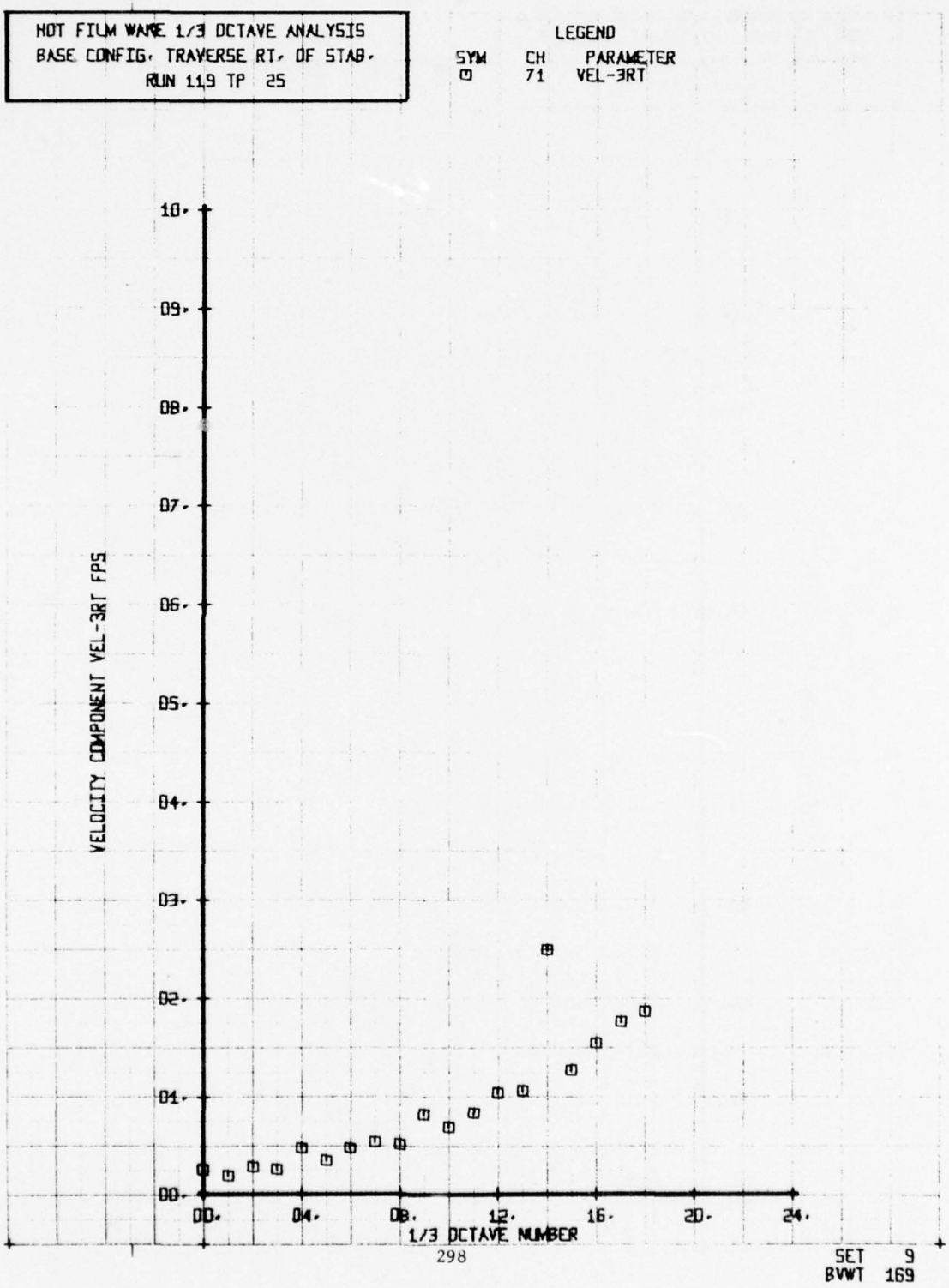

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 9
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
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07.
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20.
24.
1/3 OCTAVE NUMBER

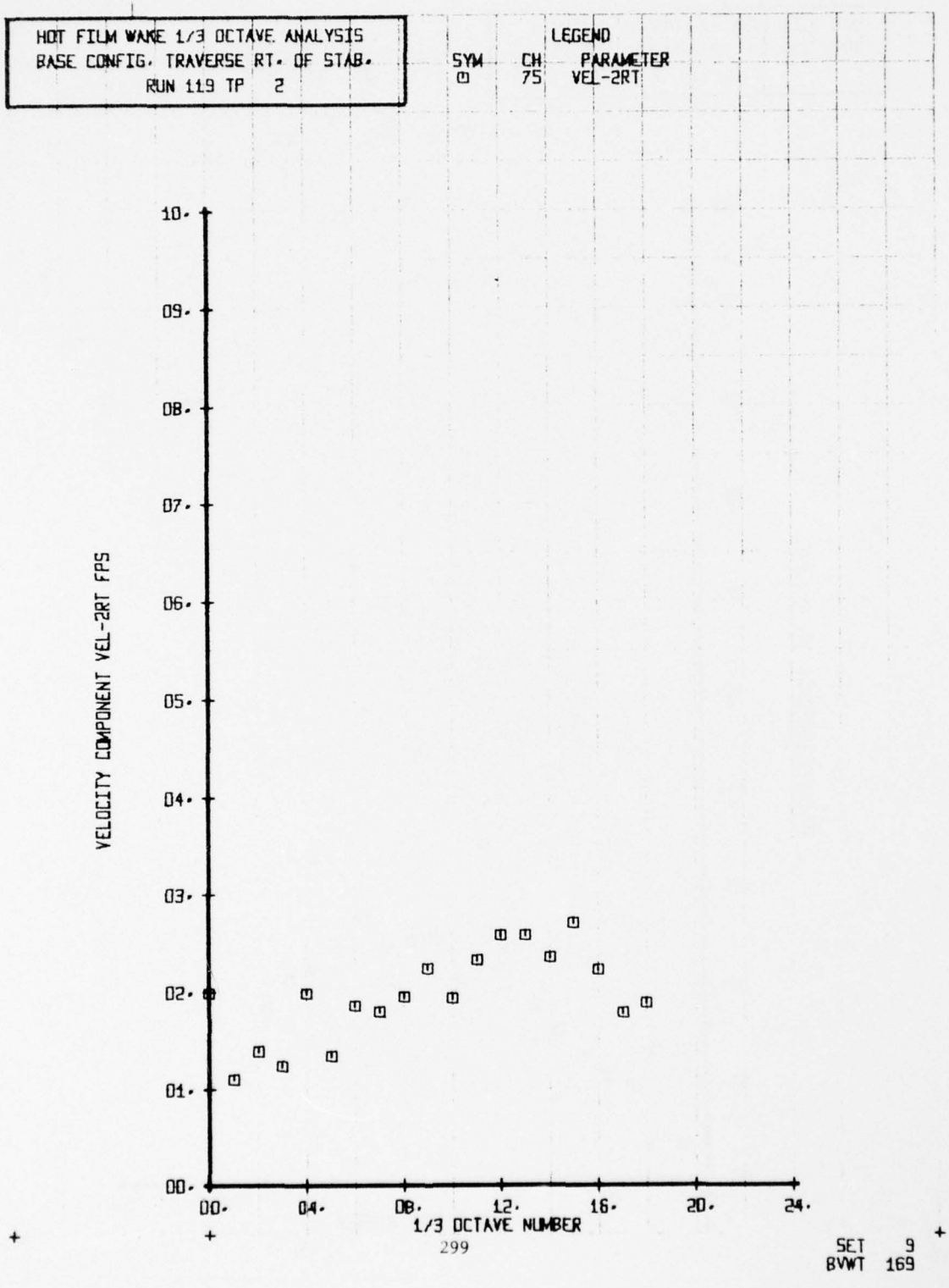

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 12
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
08.
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06.
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03.
02.
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VELOCITY COMPONENT VEL-3RT FPS
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16.
20.
24.
1/3 OCTAVE NUMBER

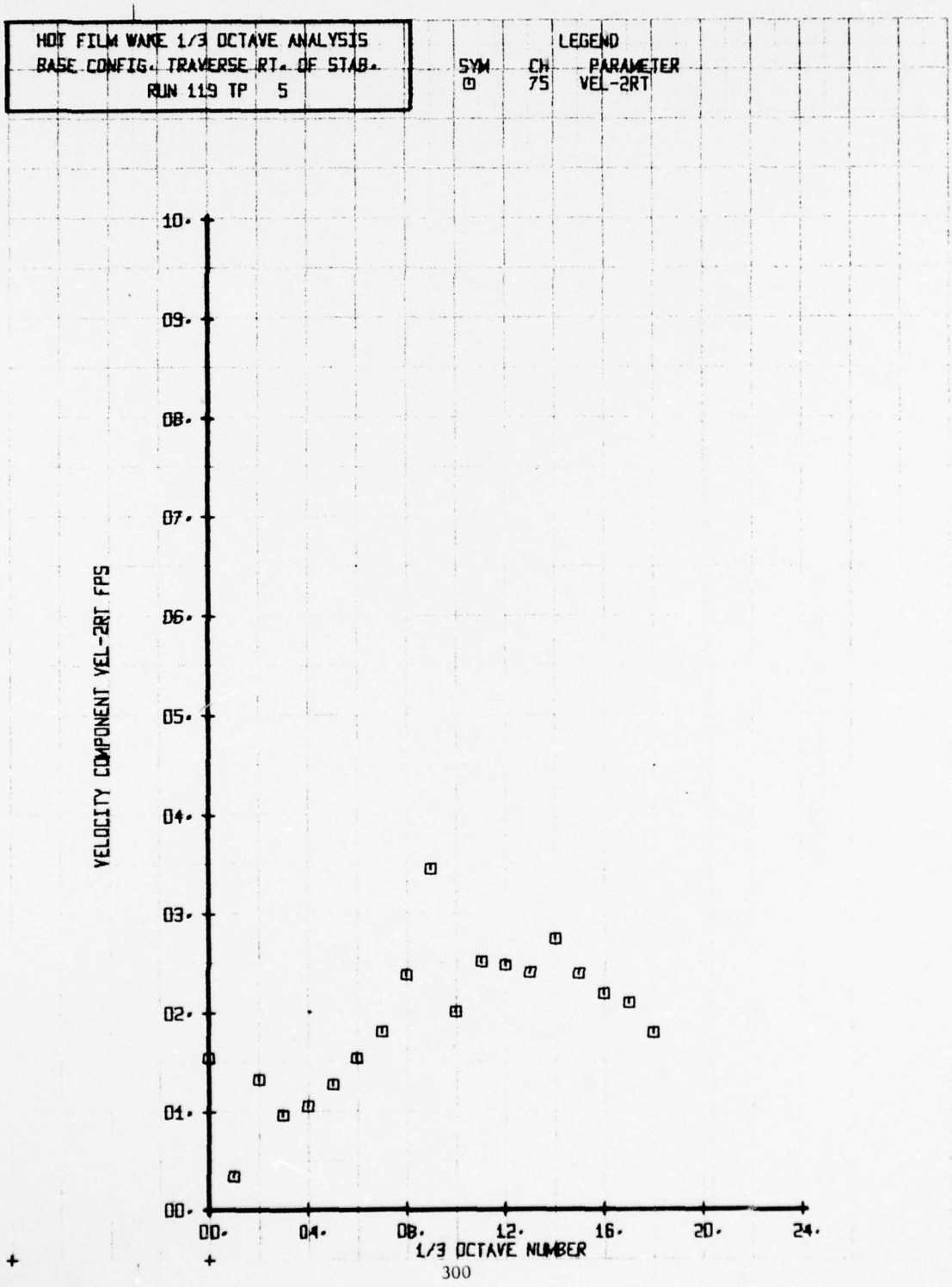

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 14
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
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06.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

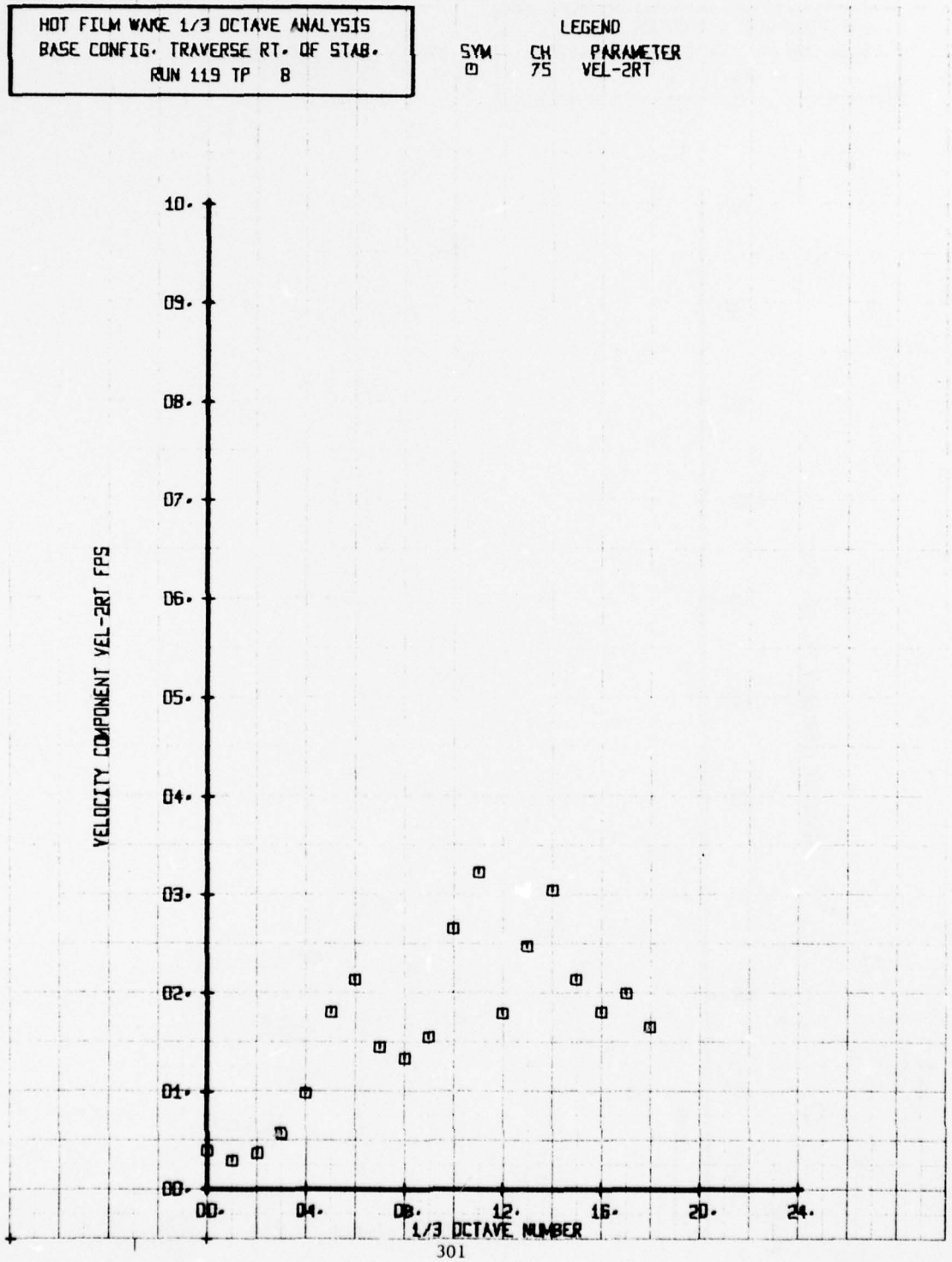

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 16
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
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VELOCITY COMPONENT VEL-3RT FPS
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

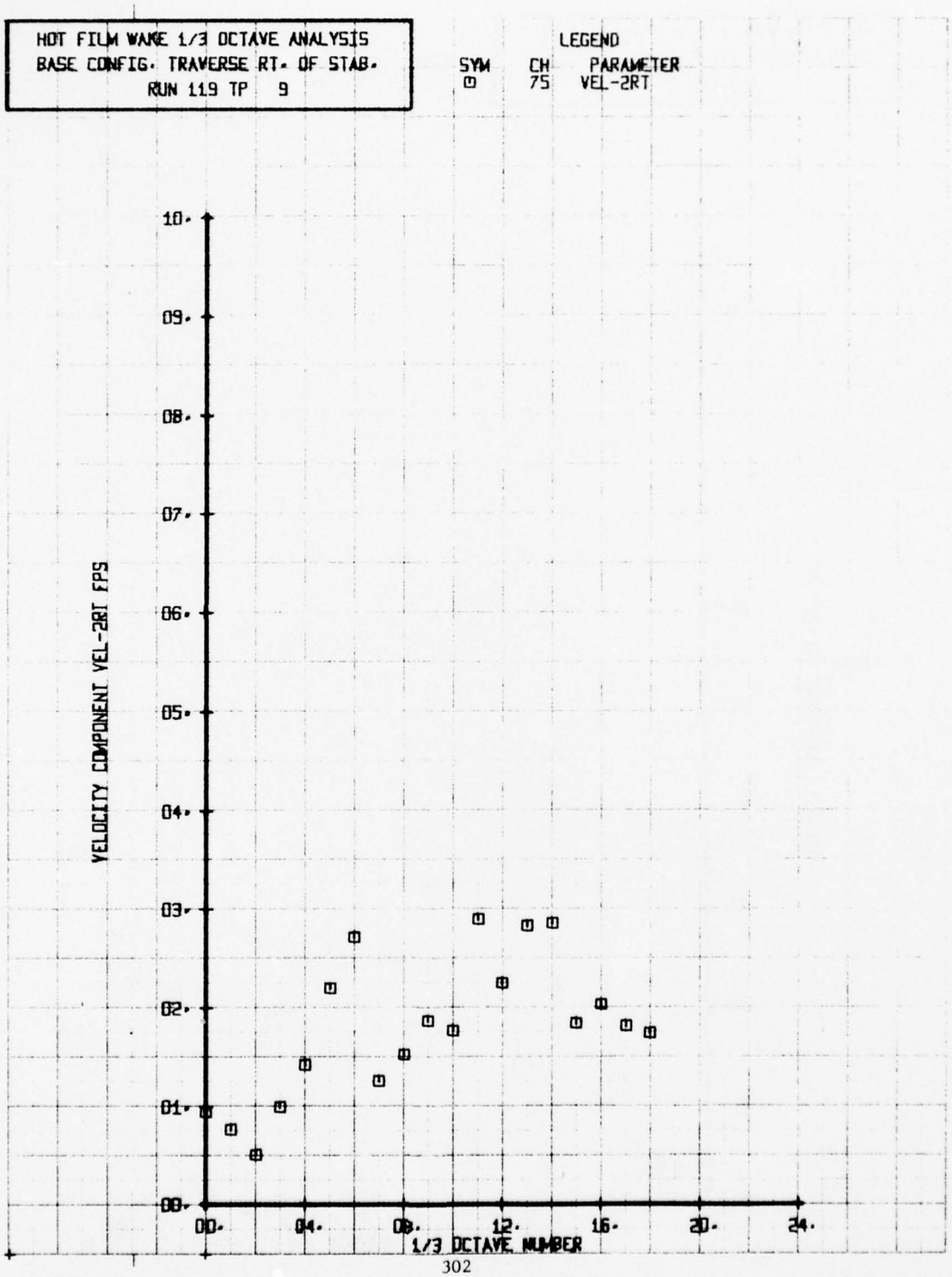

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 20
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
09.
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16.
20.
24.
1/3 OCTAVE NUMBER

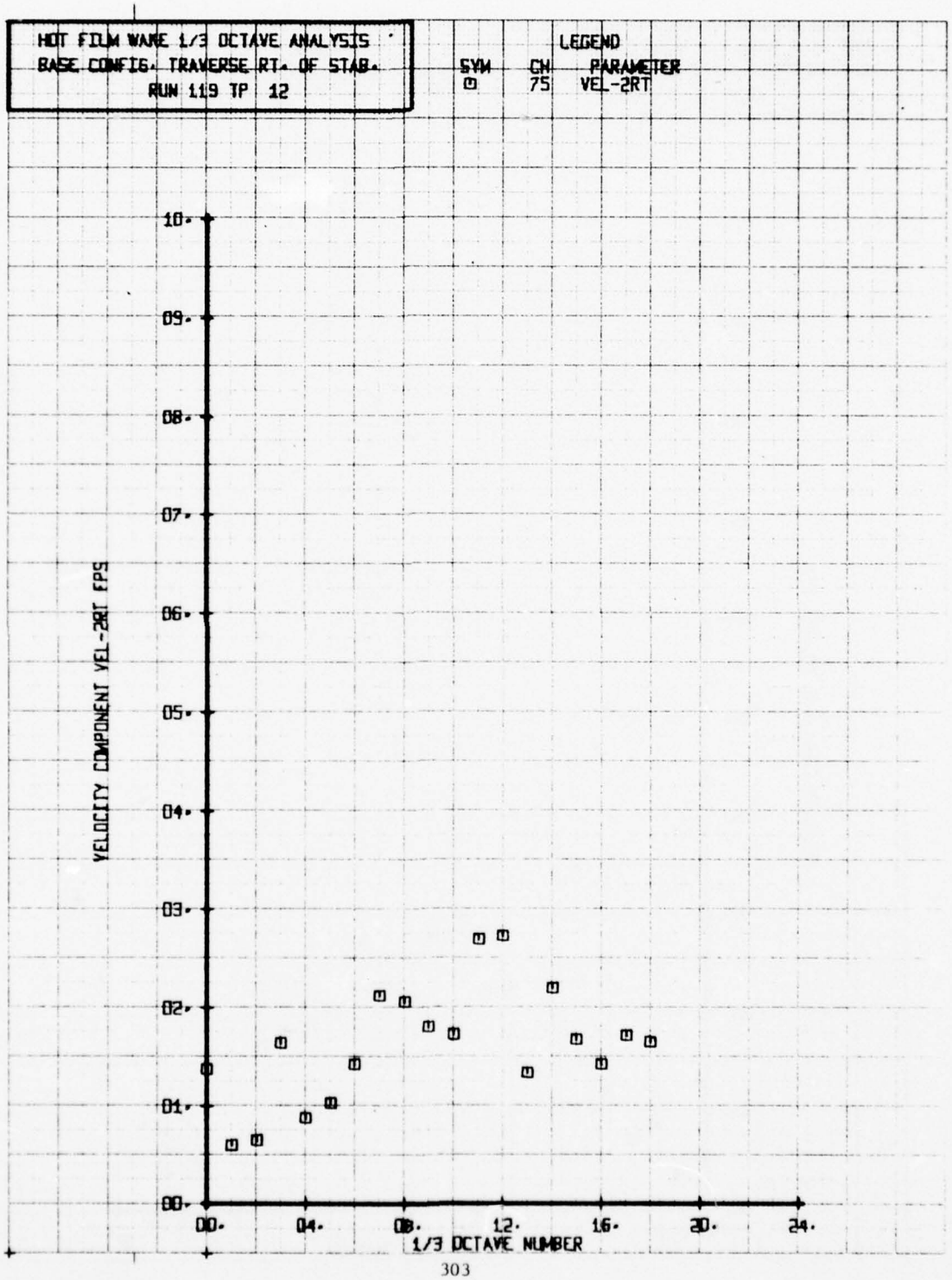

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 25
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
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07.
06.
05.
04.
03.
02.
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VELOCITY COMPONENT VEL-3RT FPS
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08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 9
BVWT 169

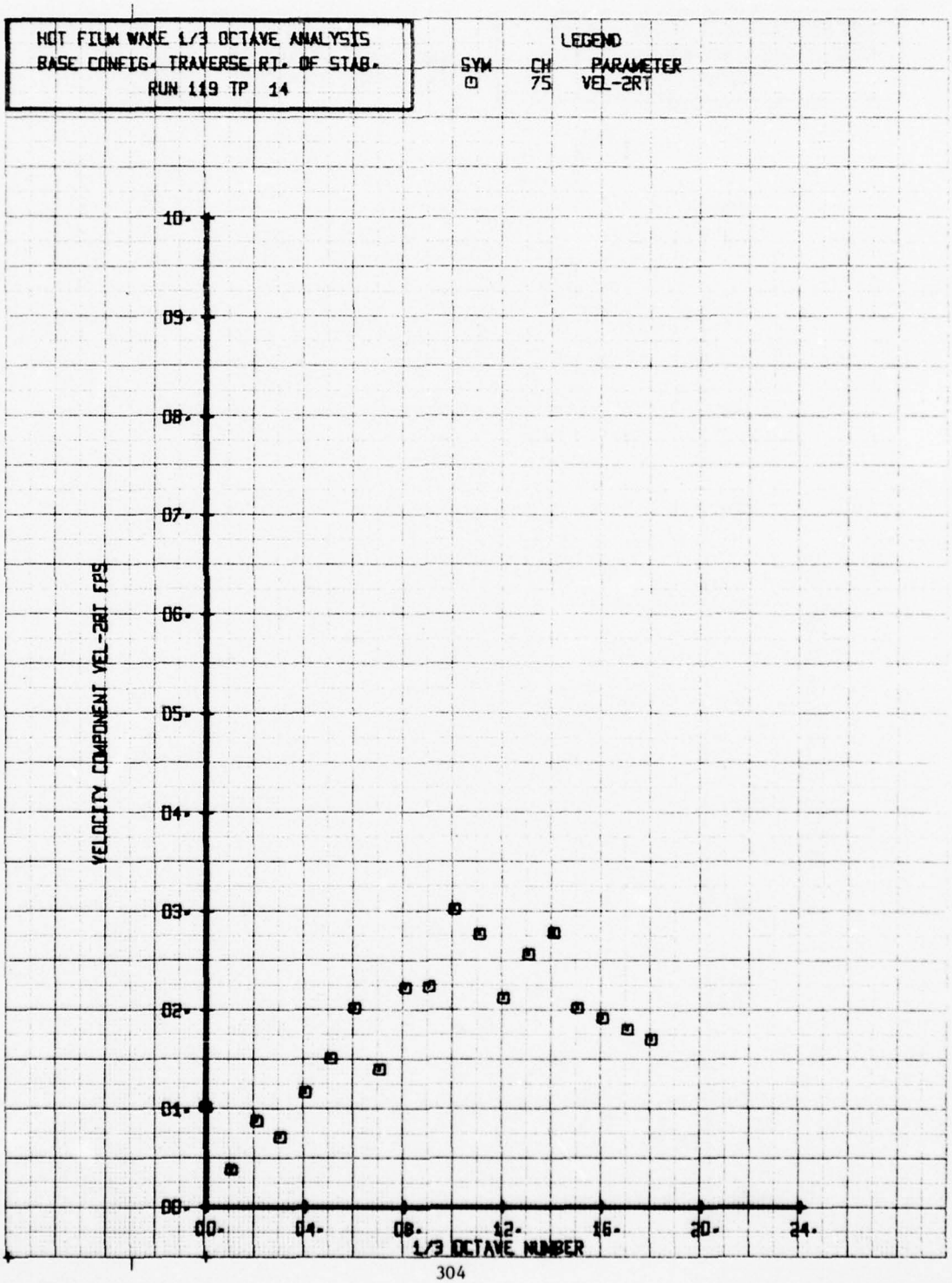

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 2
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
08.
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06.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER
ET 9
WT 169
SET 9
BVWT 169

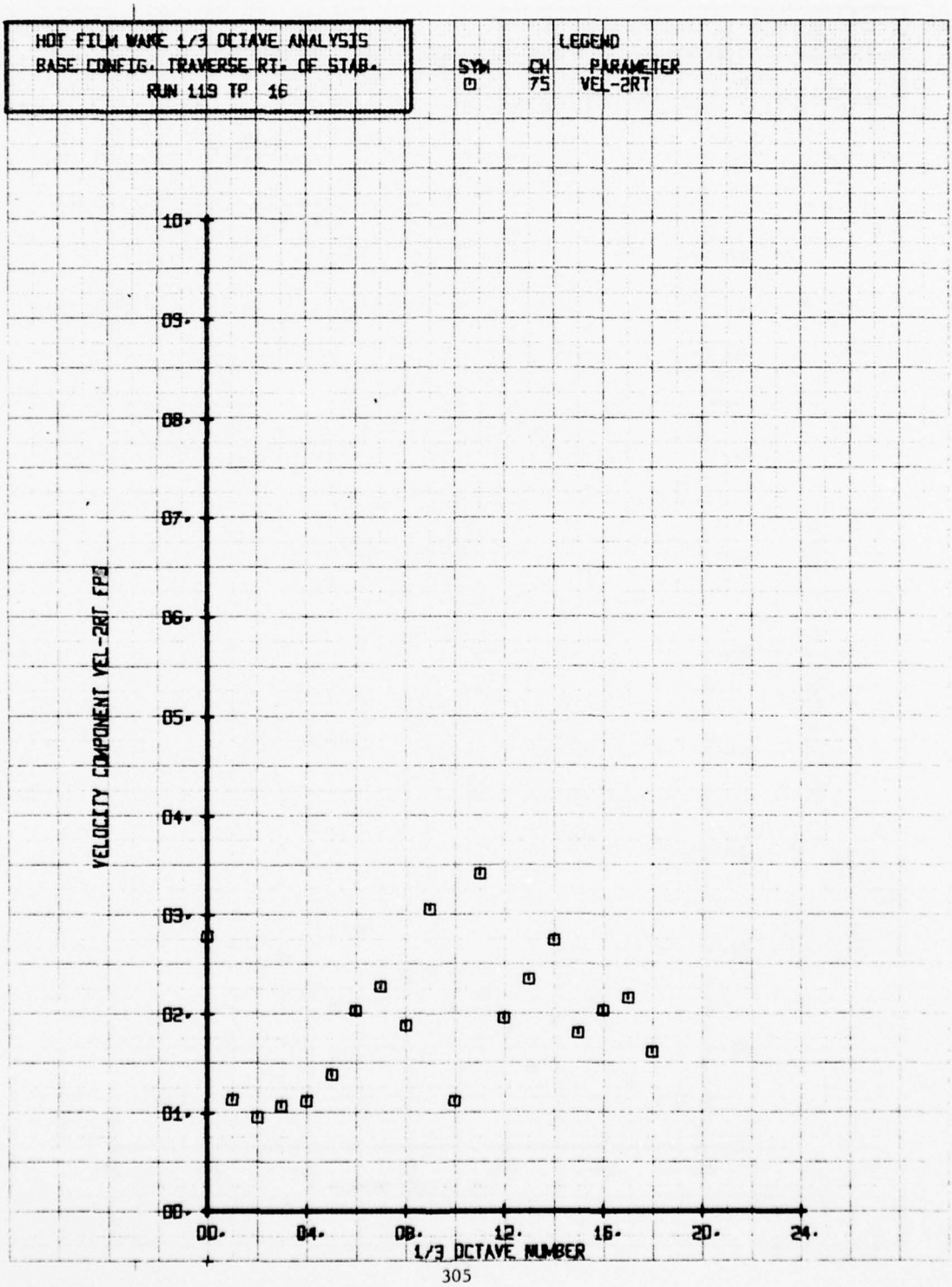

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 5
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
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08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
ET 9
WT 169

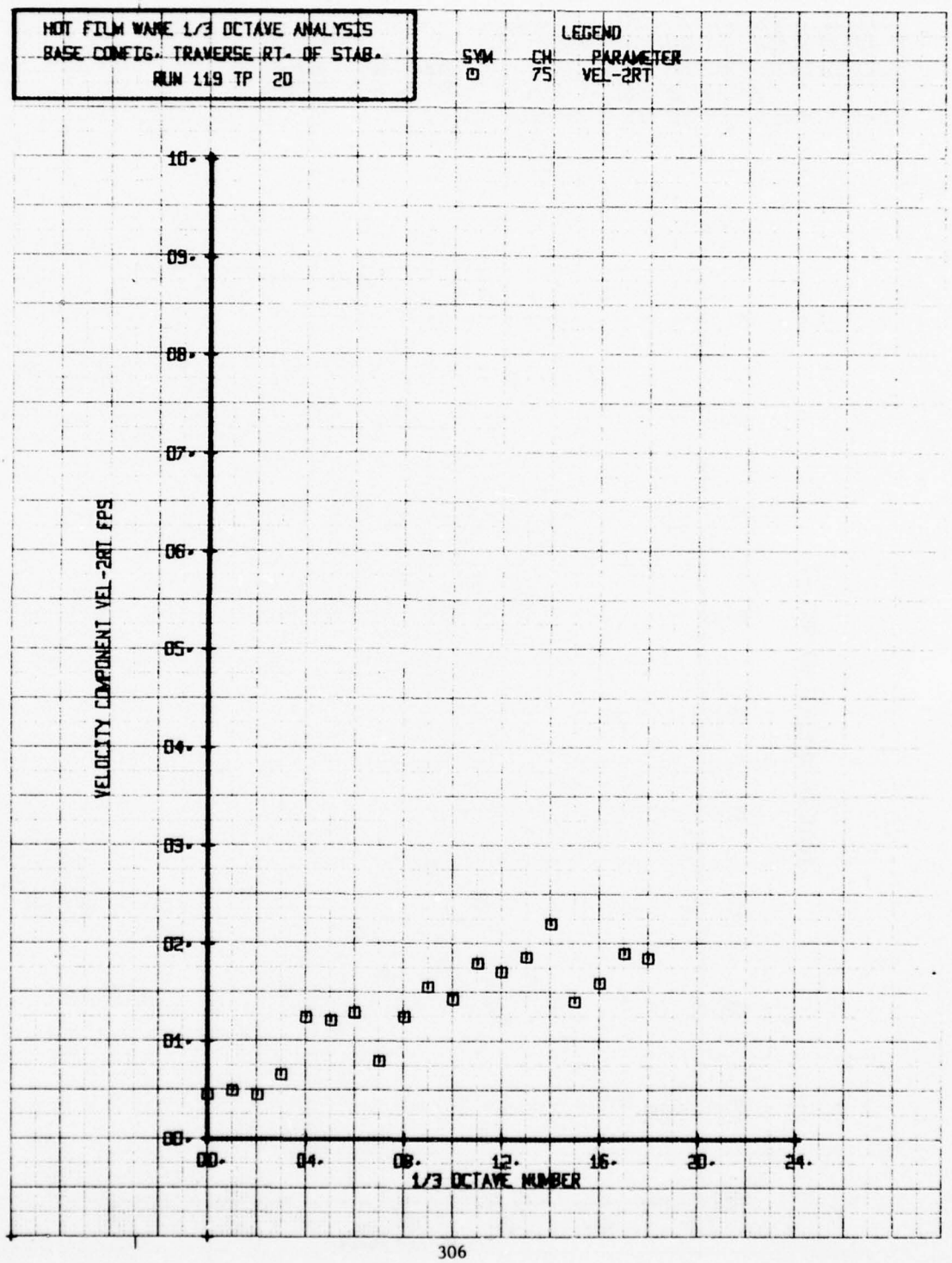

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 8
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
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03.
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VELOCITY COMPONENT VEL-2RT FPS
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

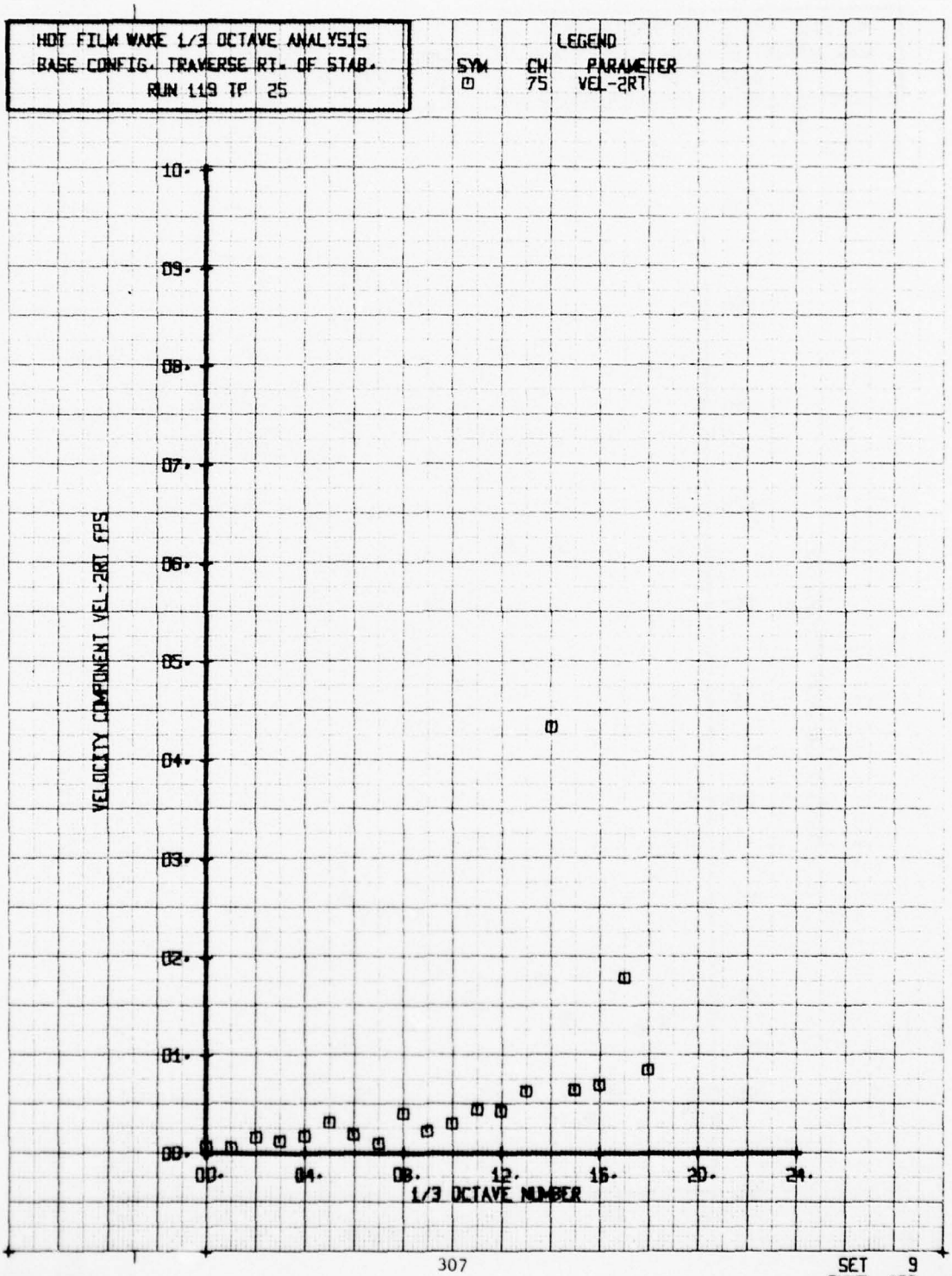

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 9
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
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VELOCITY COMPONENT VEL-2RT FPS
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12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 12
LEGEND
SYM CH PARAMETER
75 VEL-2RT
10.
09.
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VELOCITY COMPONENT VEL-2RT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 14
LEGEND
SYM CH PARAMETER
1 75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
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16.
20.
24.
1/3 OCTAVE NUMBER

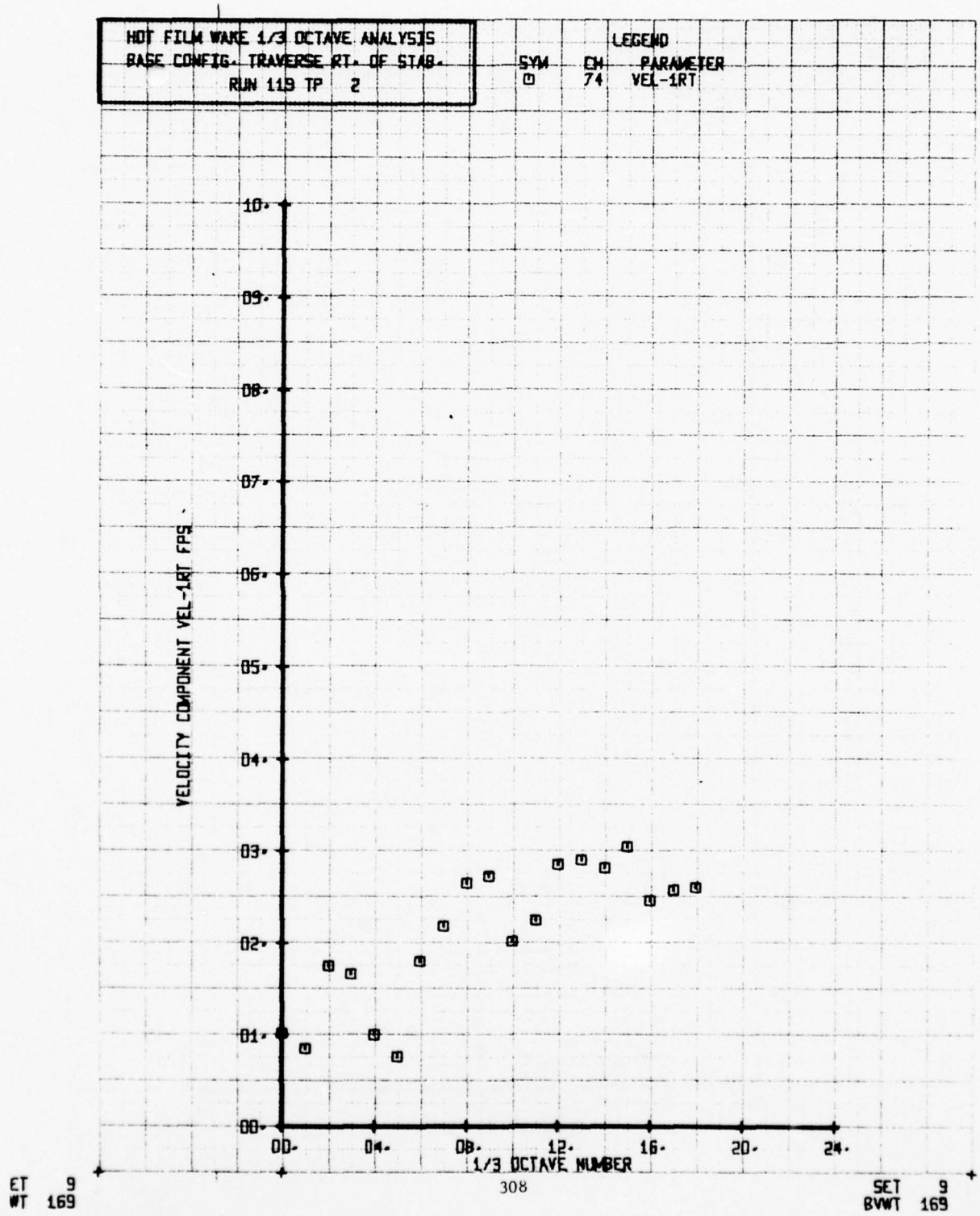

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 16
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

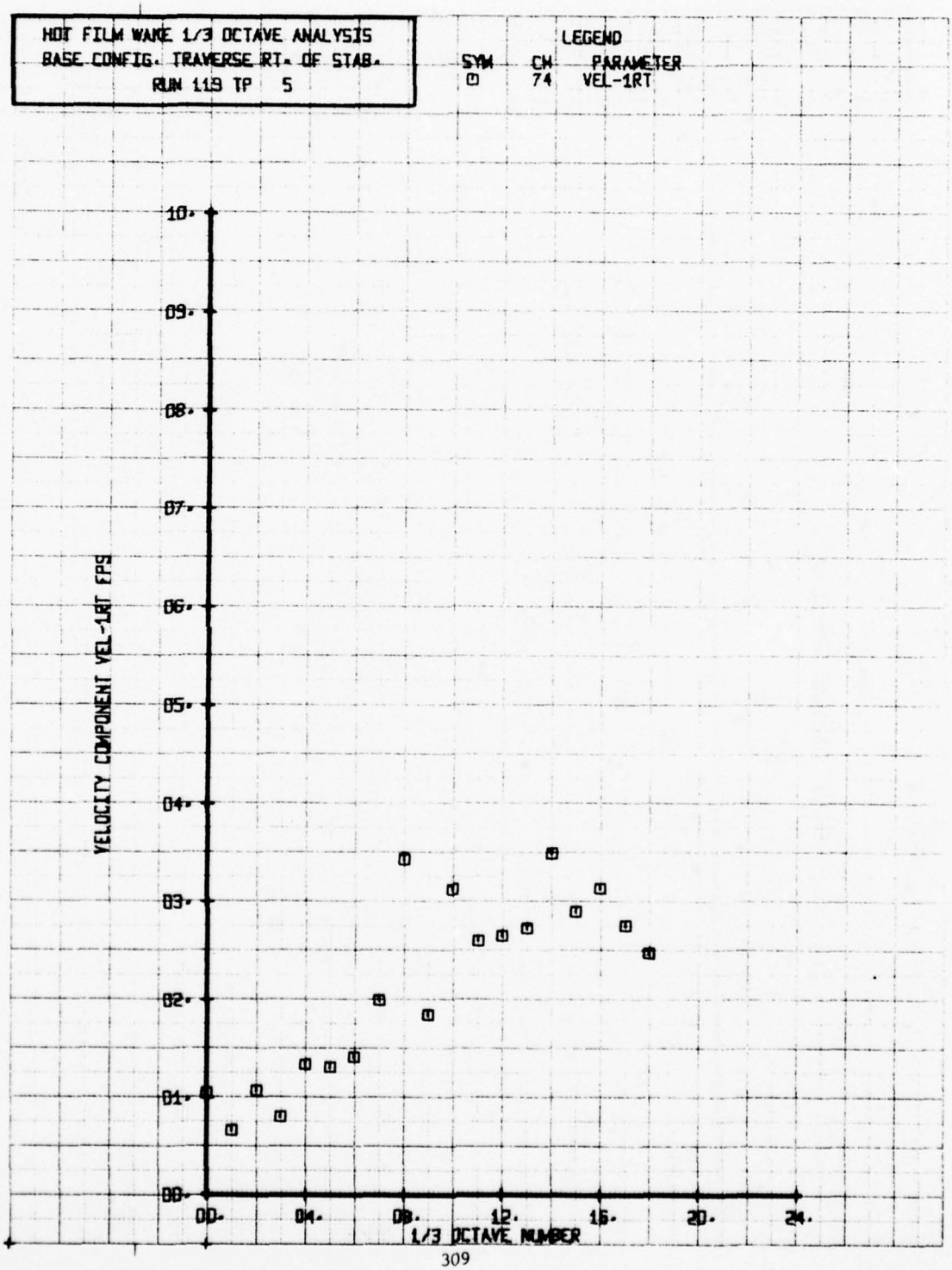

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 20
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
10.
09.
08.
07.
06.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER



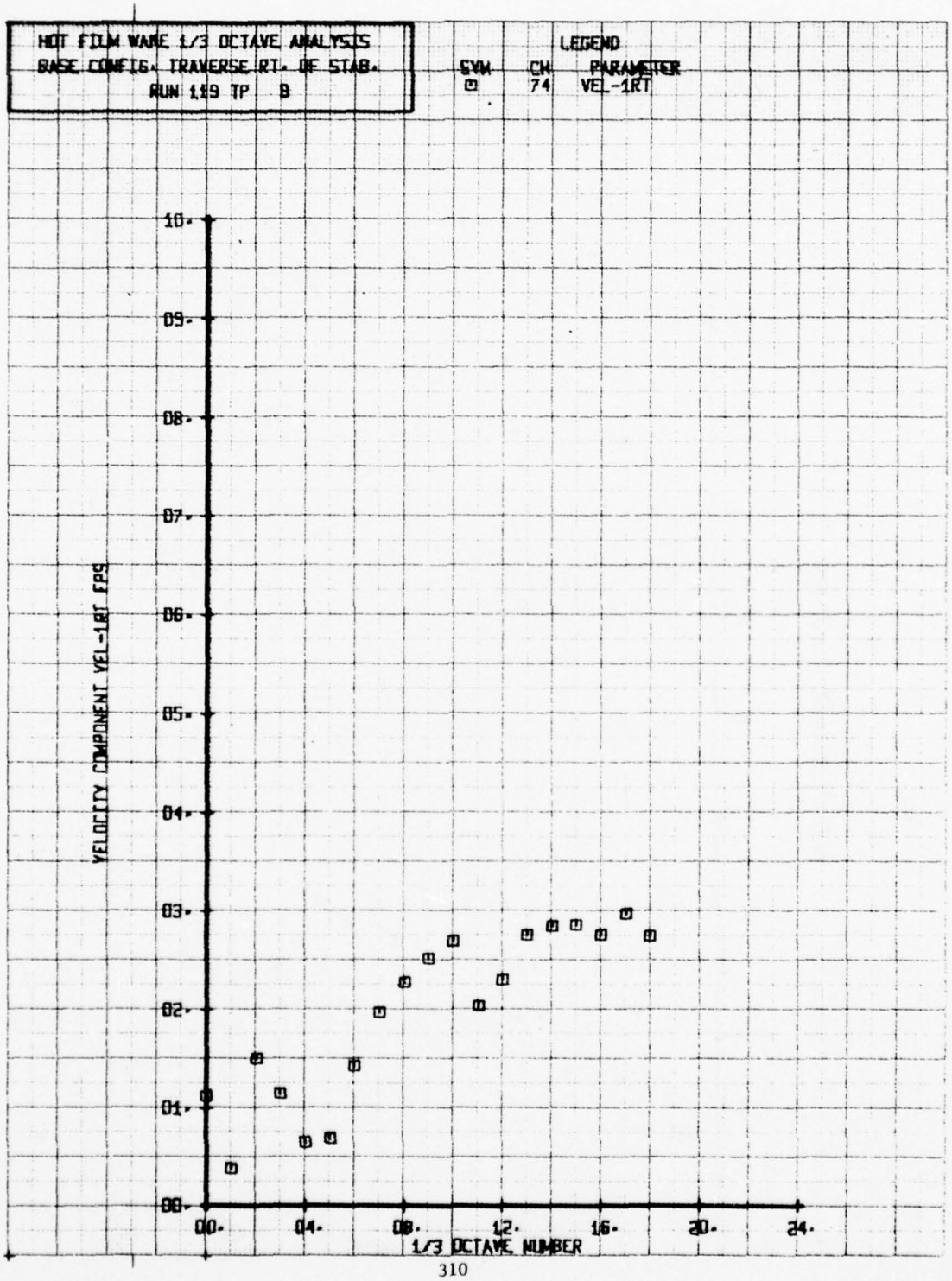
ET 9
WT 169

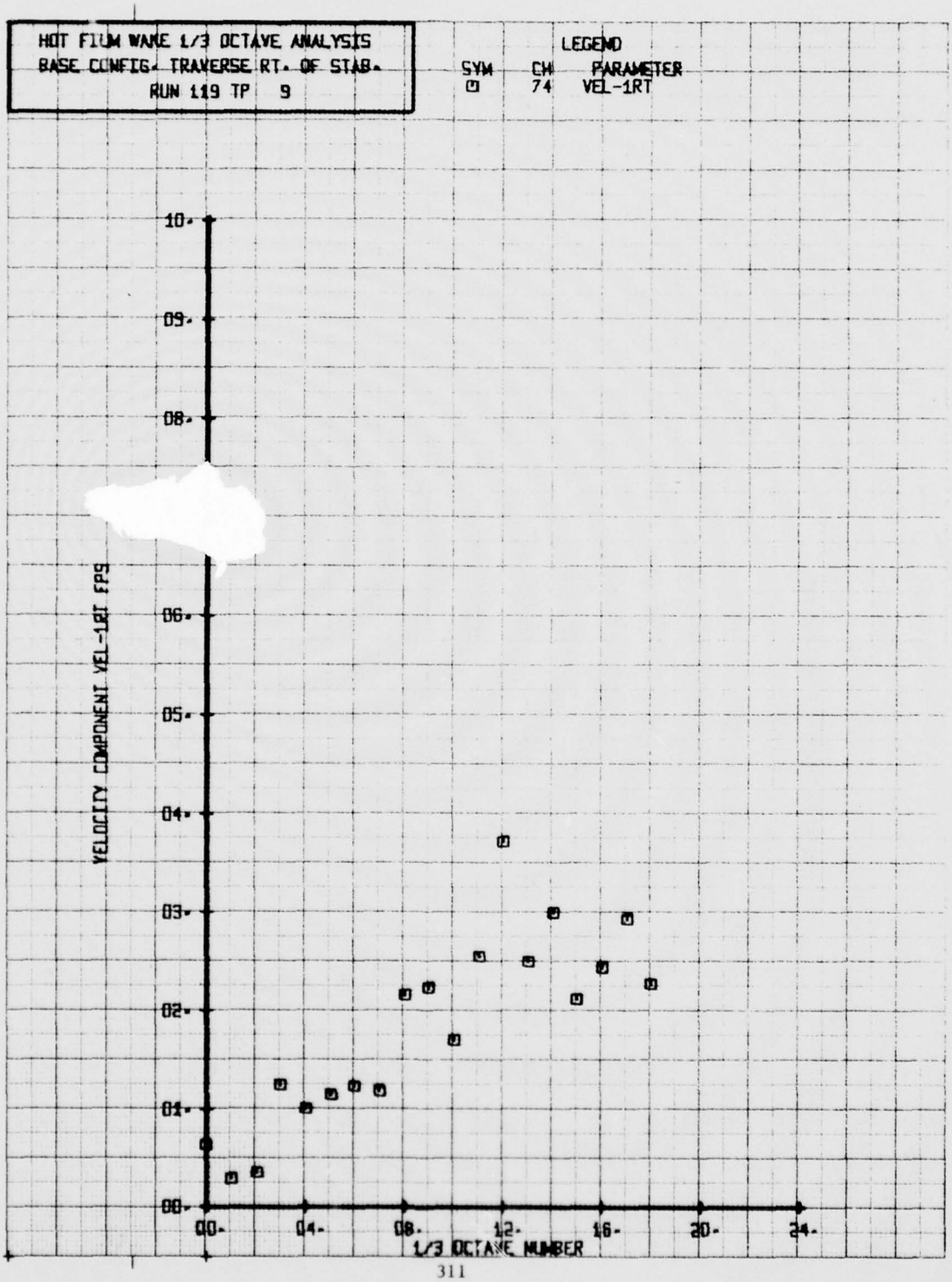
SET 9
BVWT 169

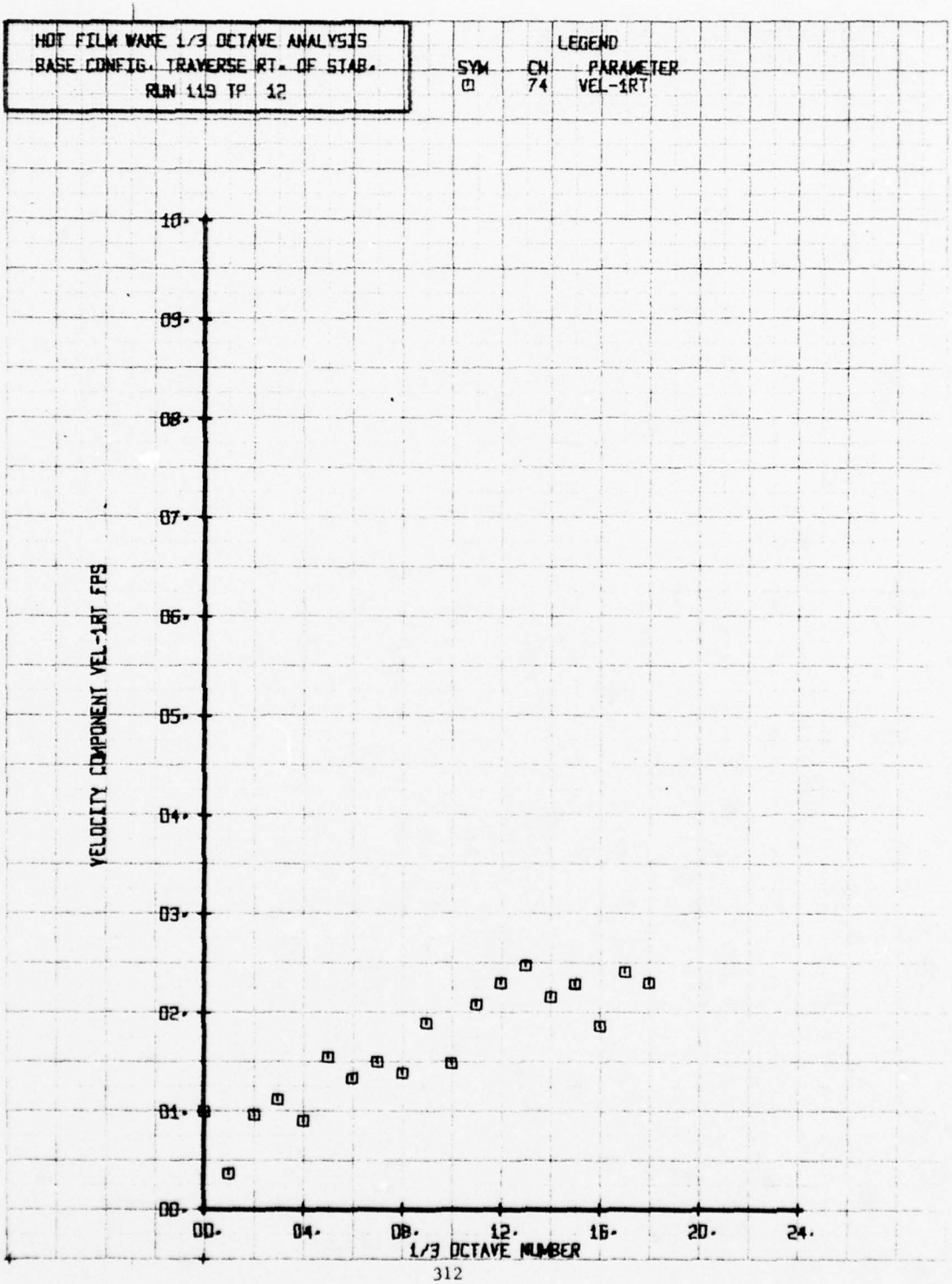

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 2
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
ET 9
WT 169
SET 9
BVWT 169

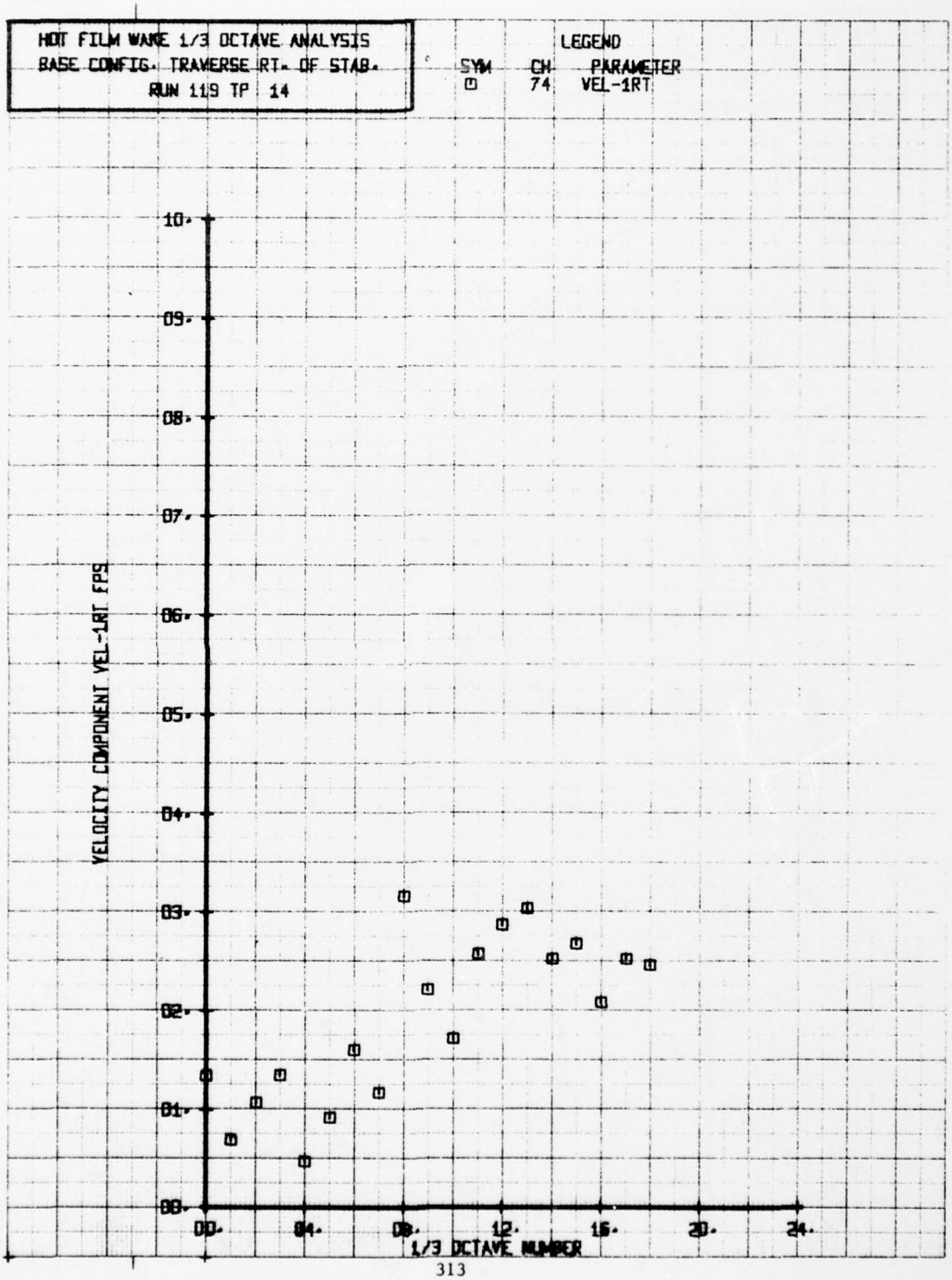

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 5
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
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16.
20.
24.
1/3 OCTAVE NUMBER

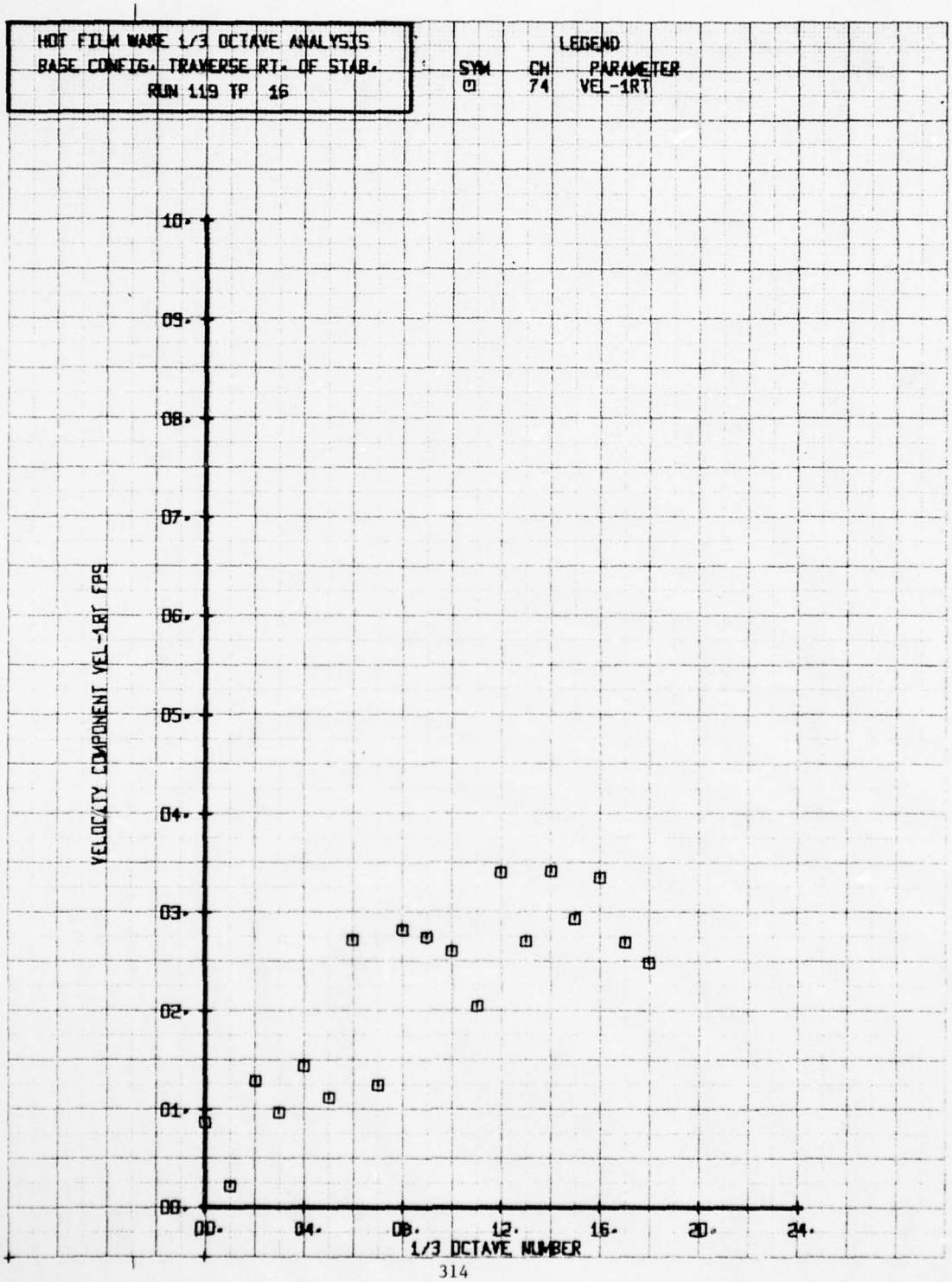
ET 9
WT 169

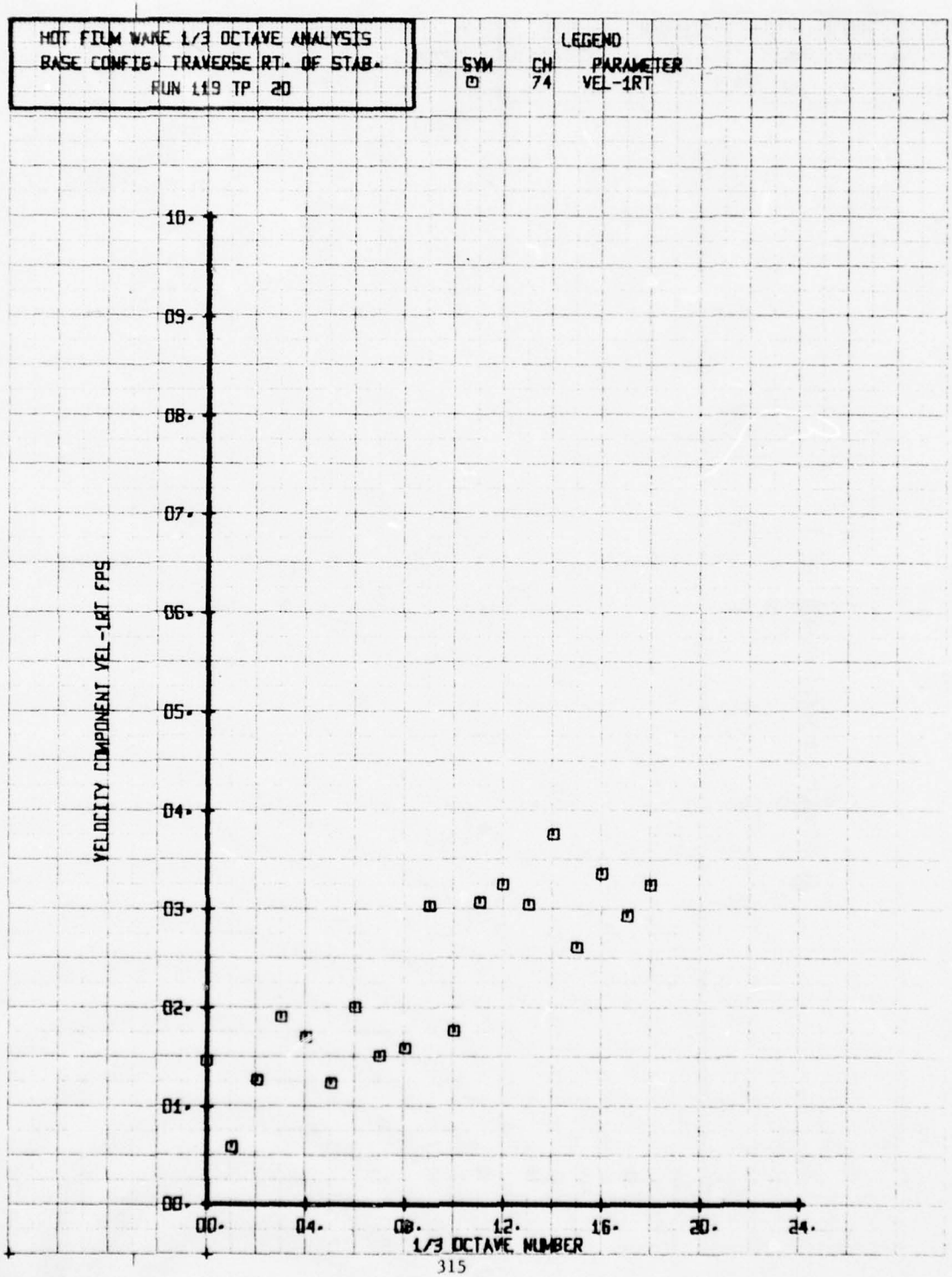

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 8
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
09.
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12.
16.
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24.
1/3 OCTAVE NUMBER

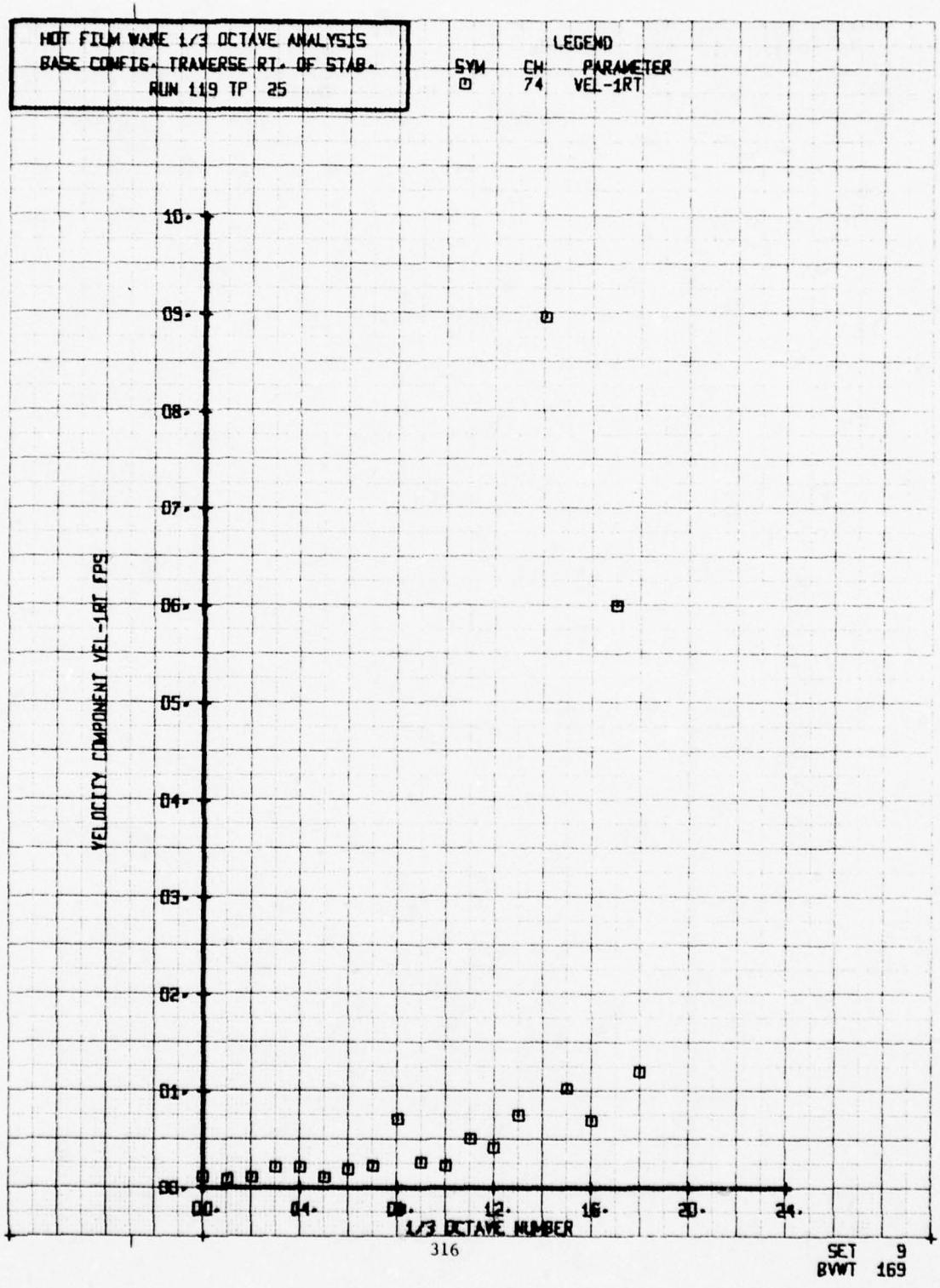

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 9
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
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VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER

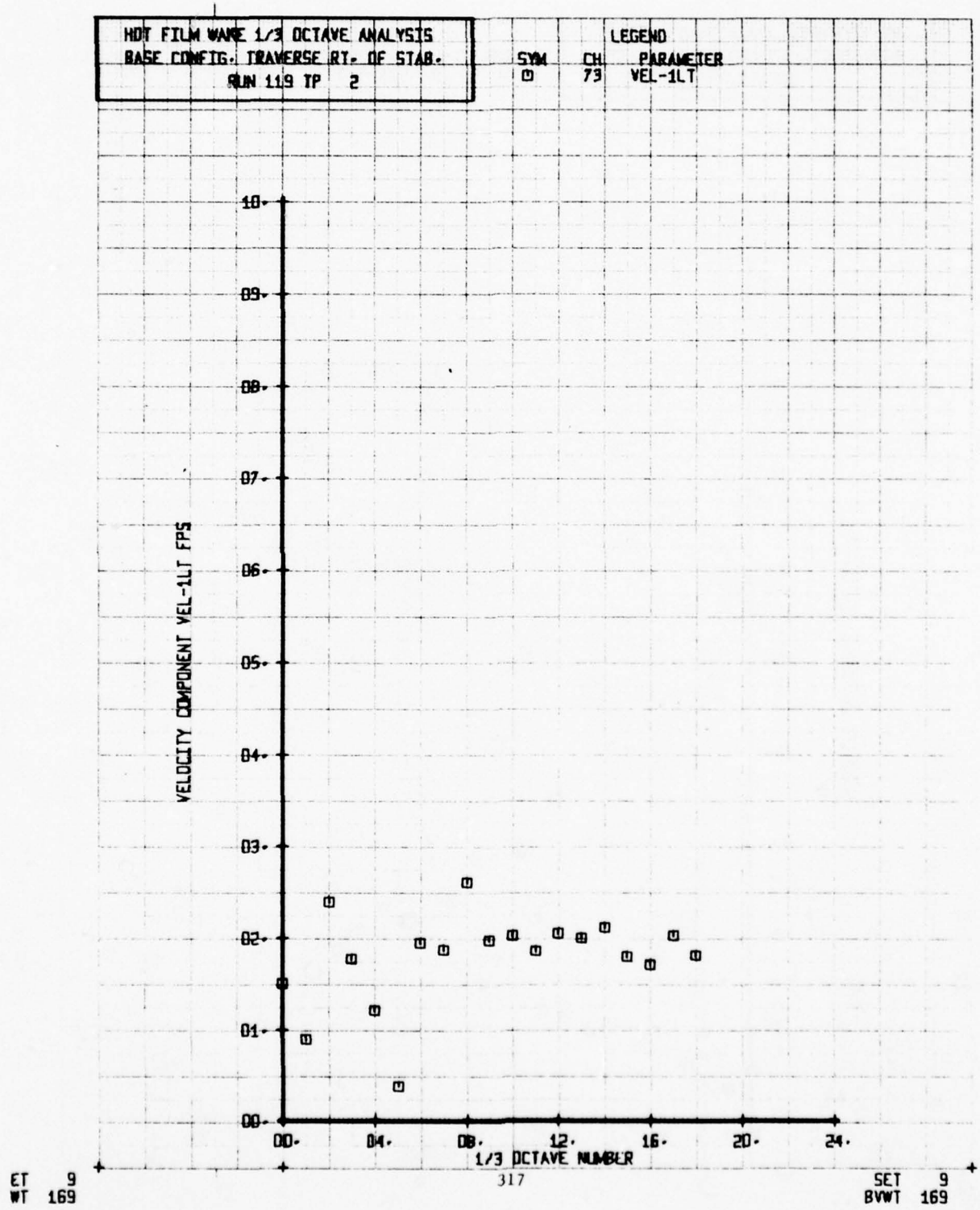

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 12
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
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24.
1/3 OCTAVE NUMBER

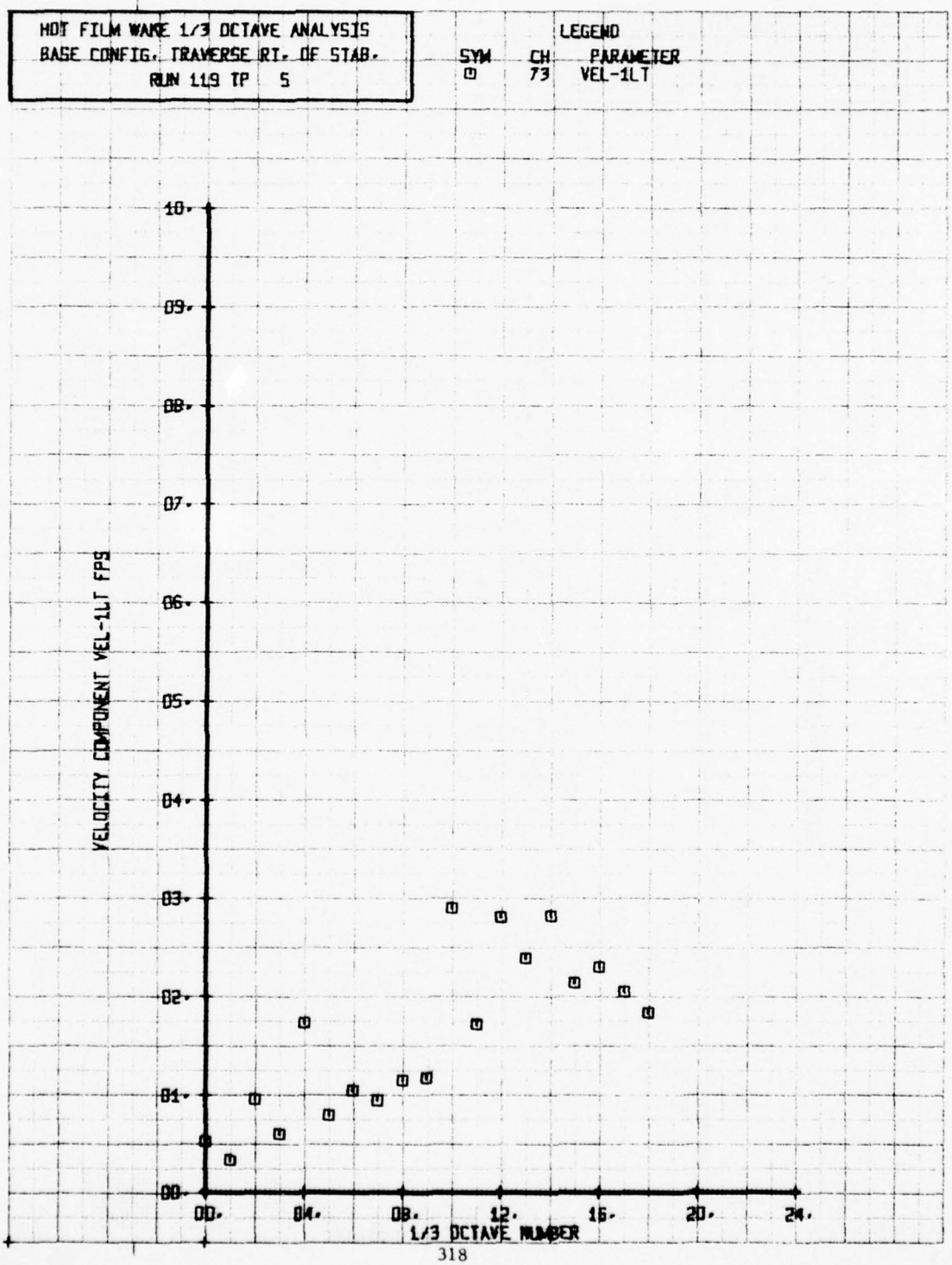

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 14
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 16
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

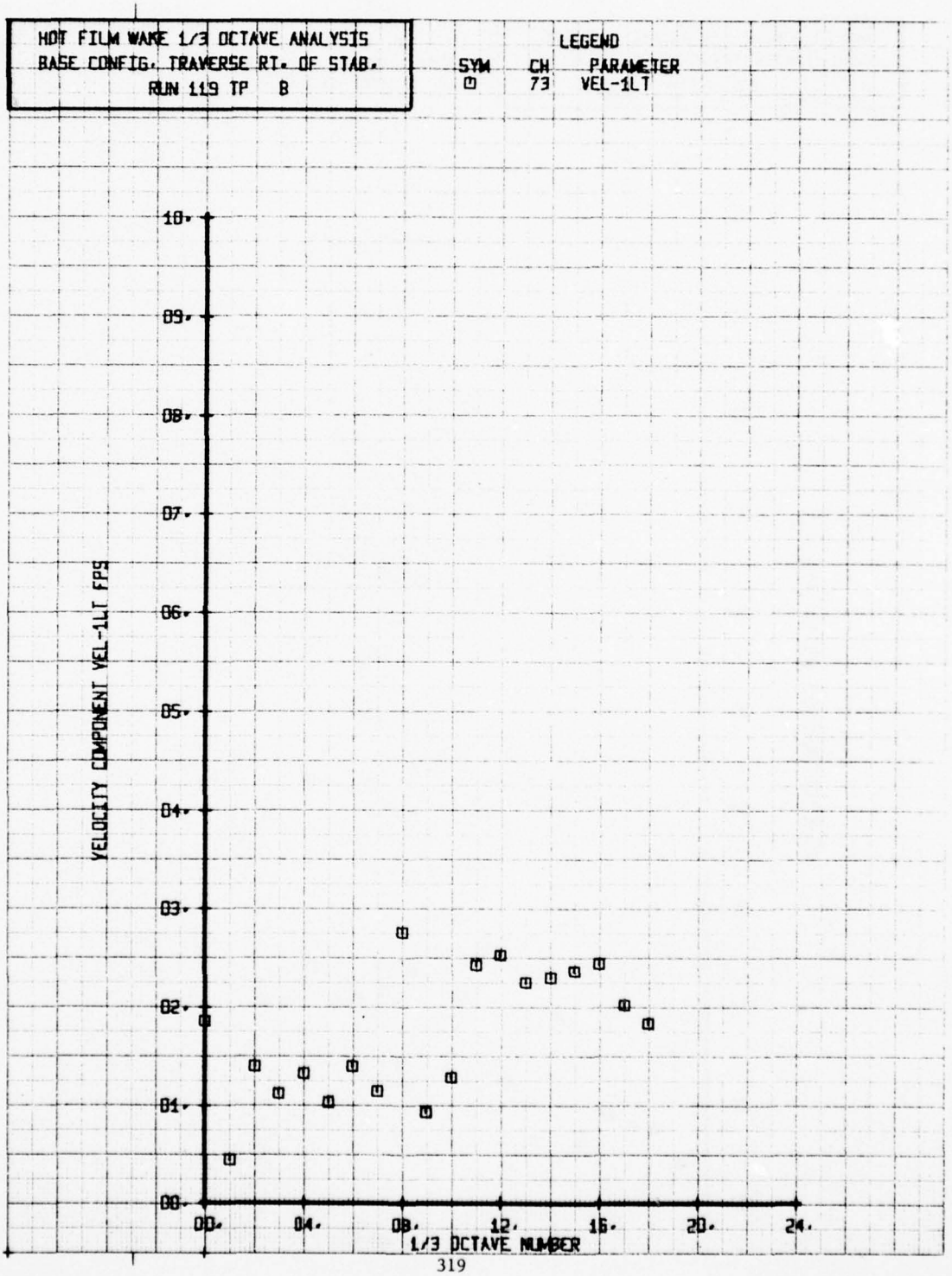

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 20
LEGEND
SYM CH PARAMETER
74 VEL-1RT
VELOCITY COMPONENT VEL-1RT FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

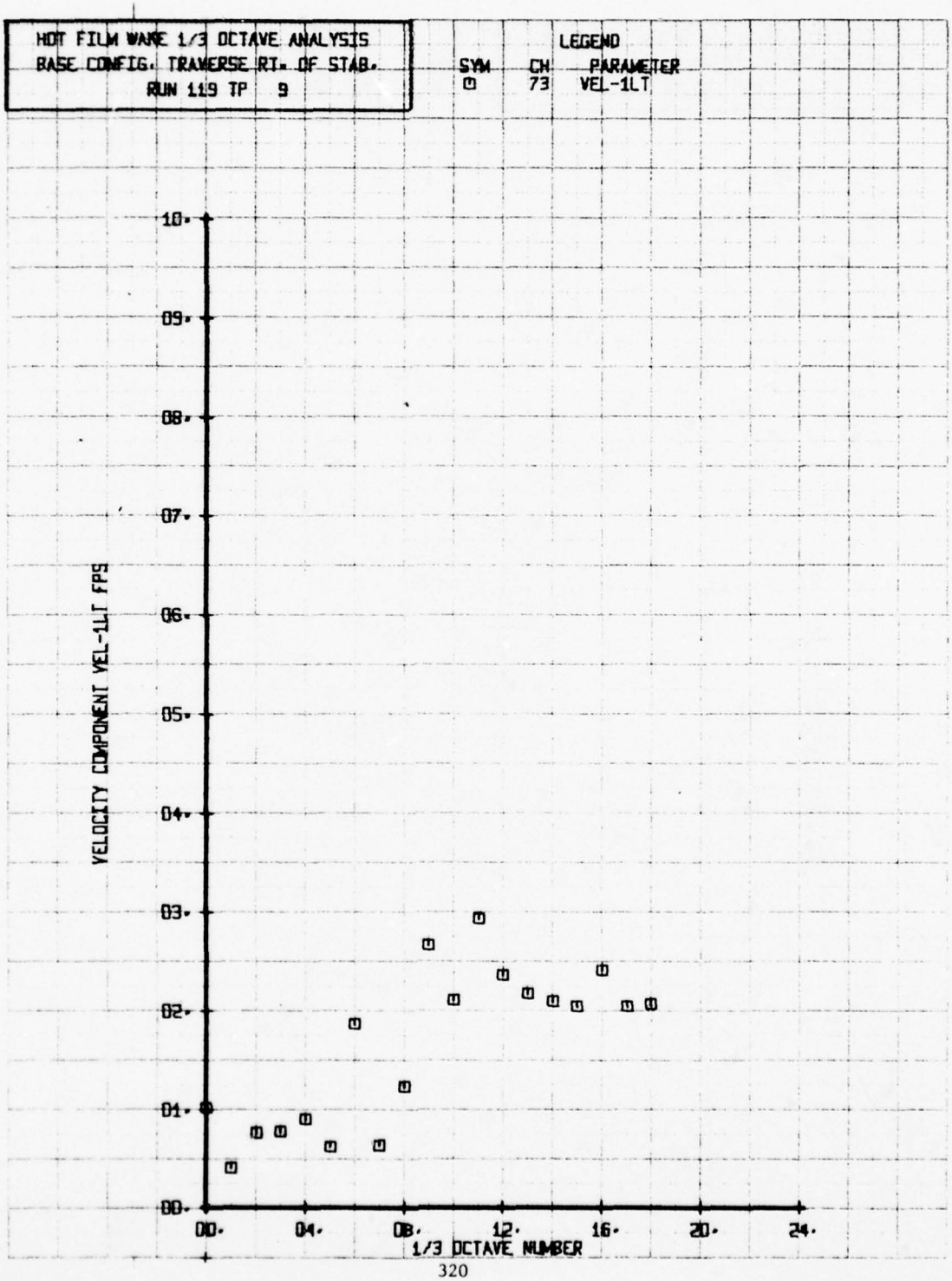

HOT FILM WARE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 25
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
08.
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06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-1RT FPS
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 9
BVWT 169

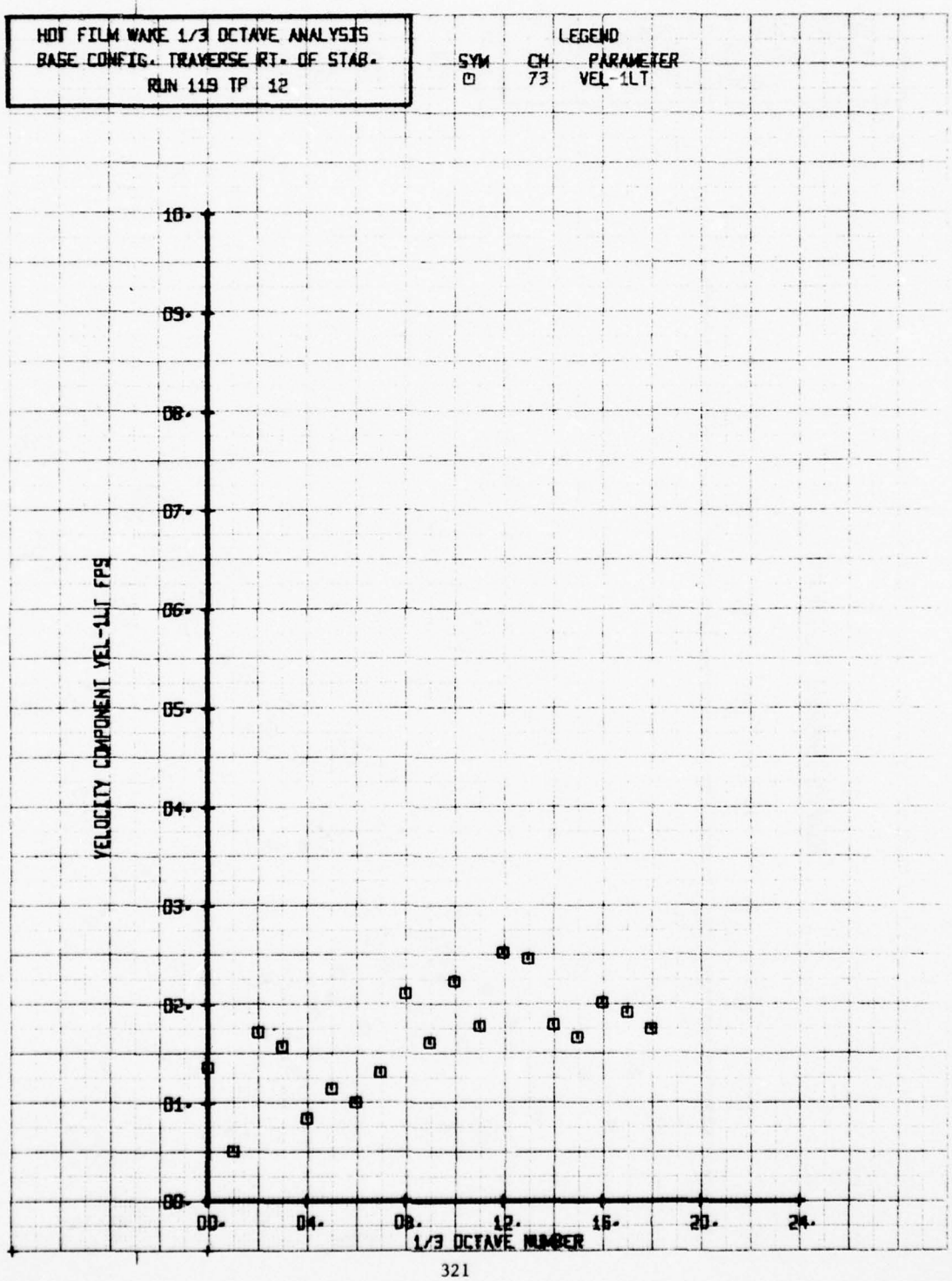

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 2
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
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03.
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04.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER
ET 9
WT 169
SET 9
BVWT 169

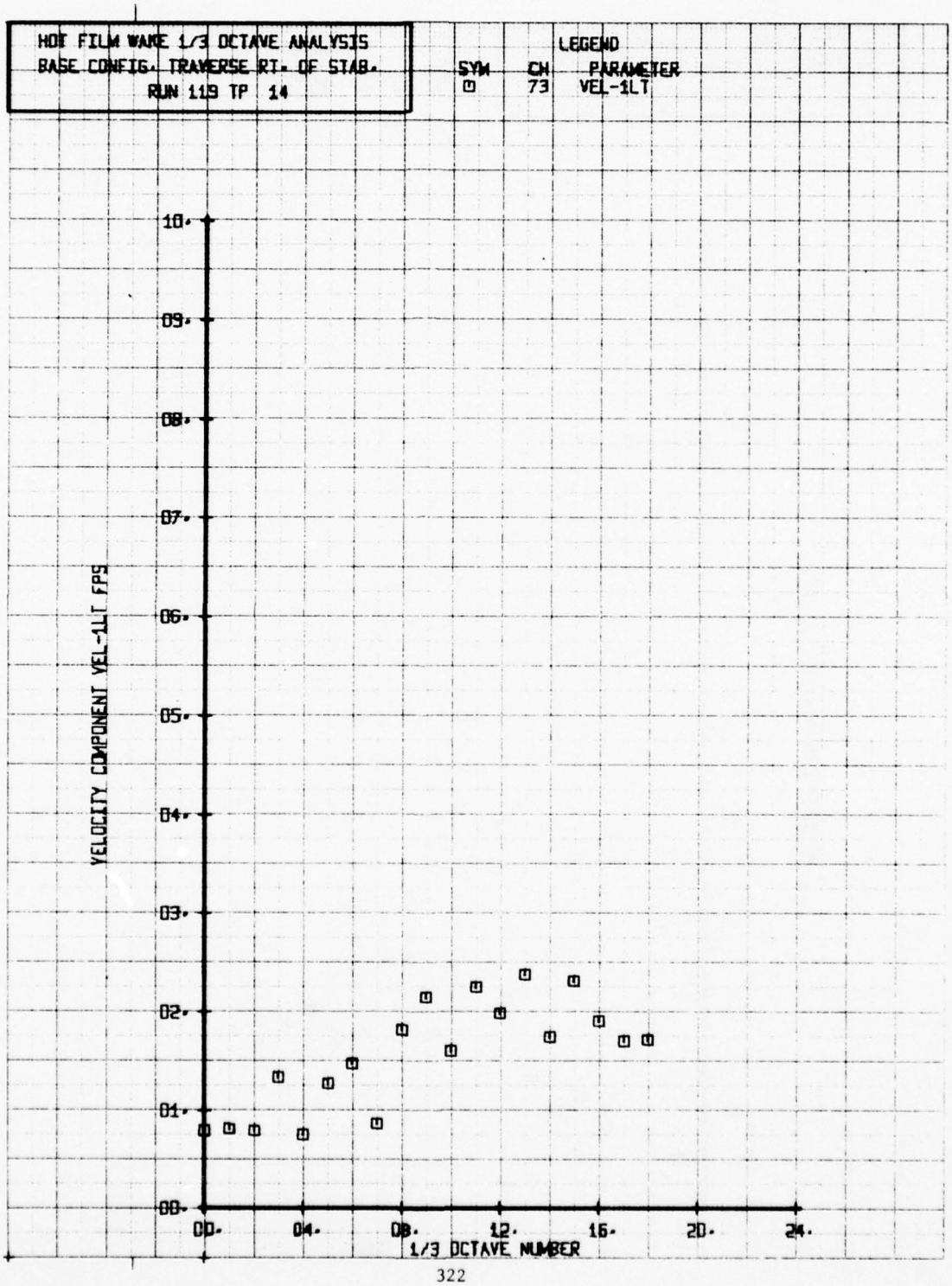

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 5
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
1/3 OCTAVE NUMBER
10.
09.
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08.
12.
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24.

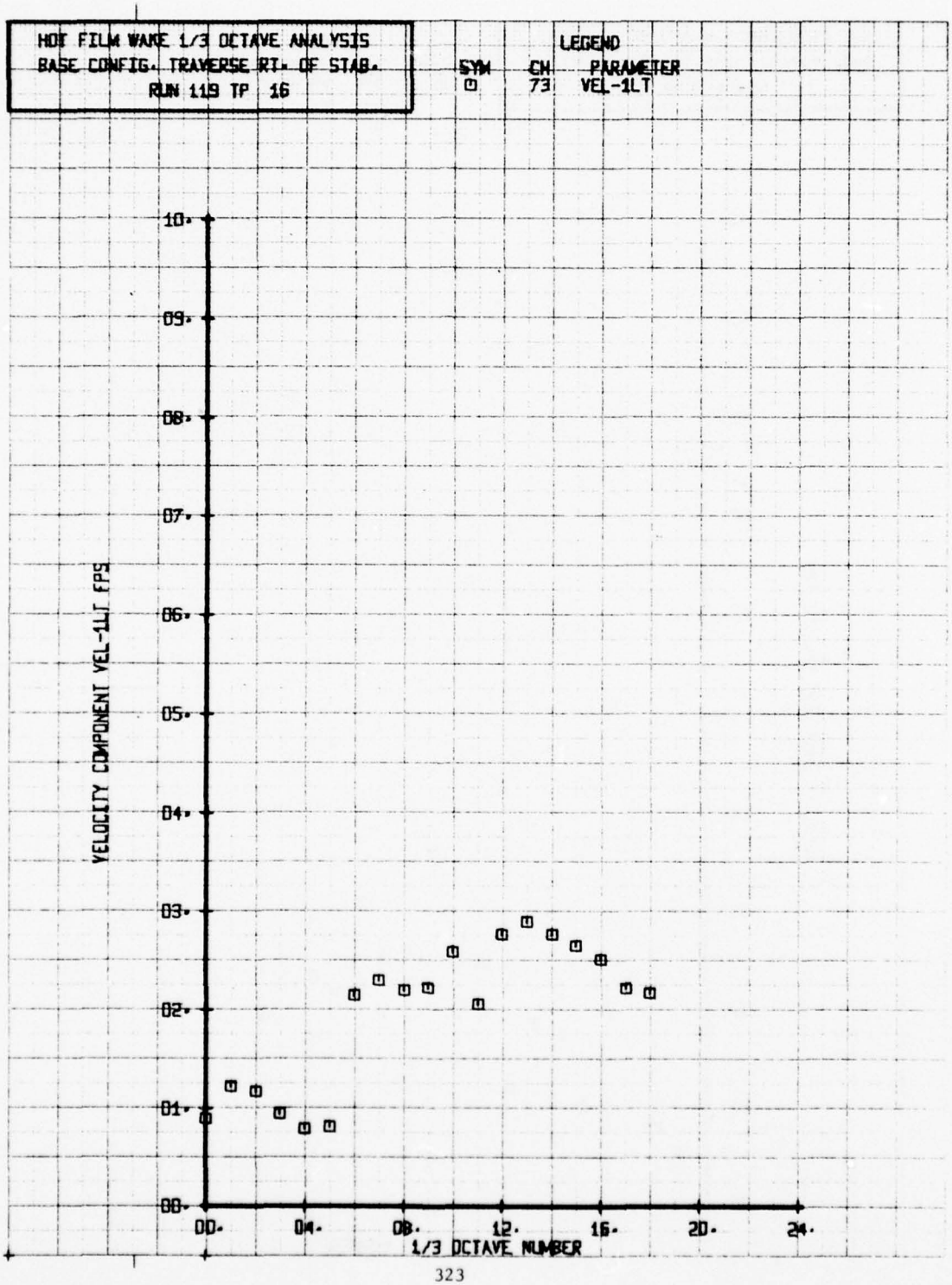
ET 9
WT 169

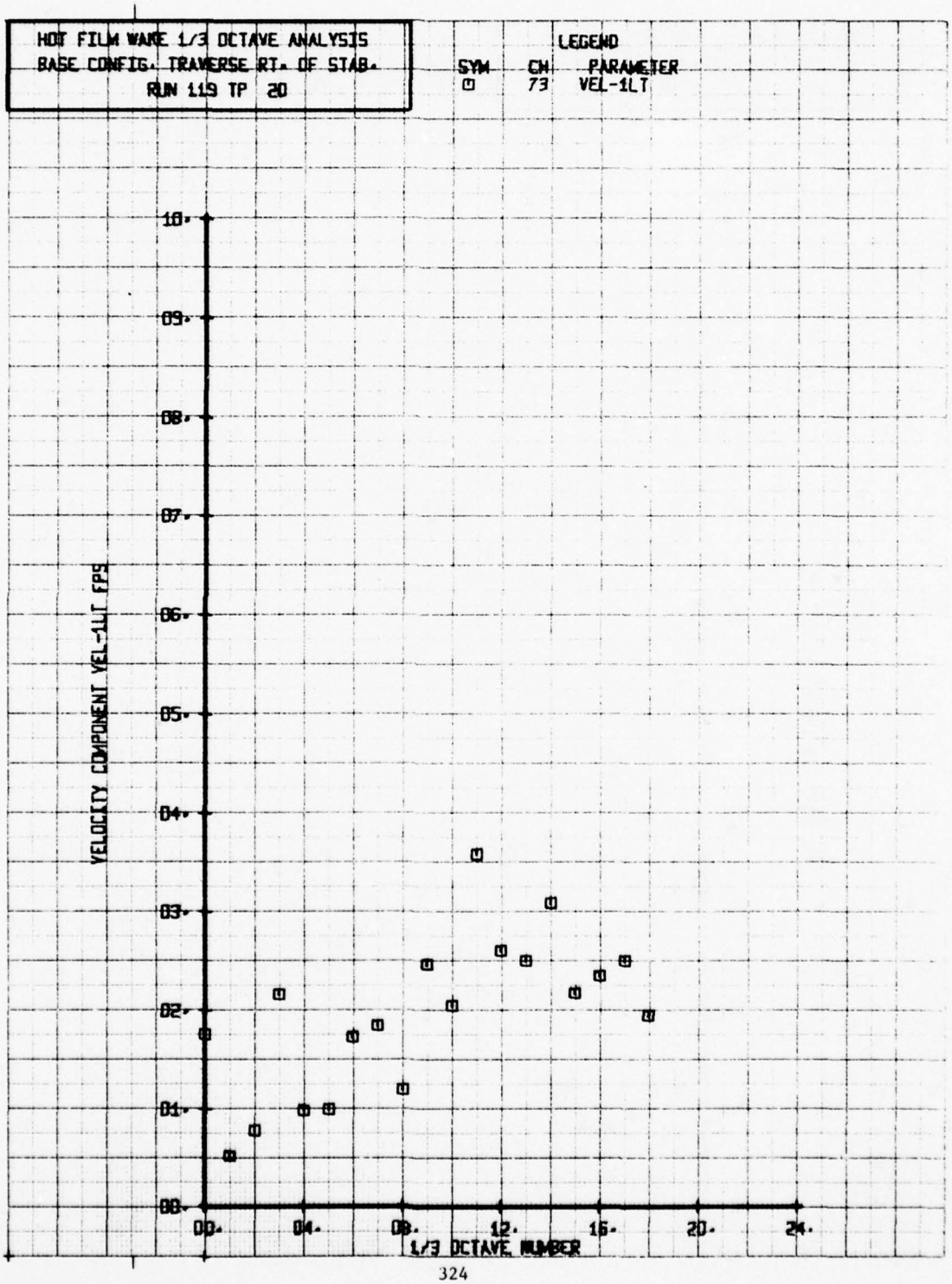

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 8
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

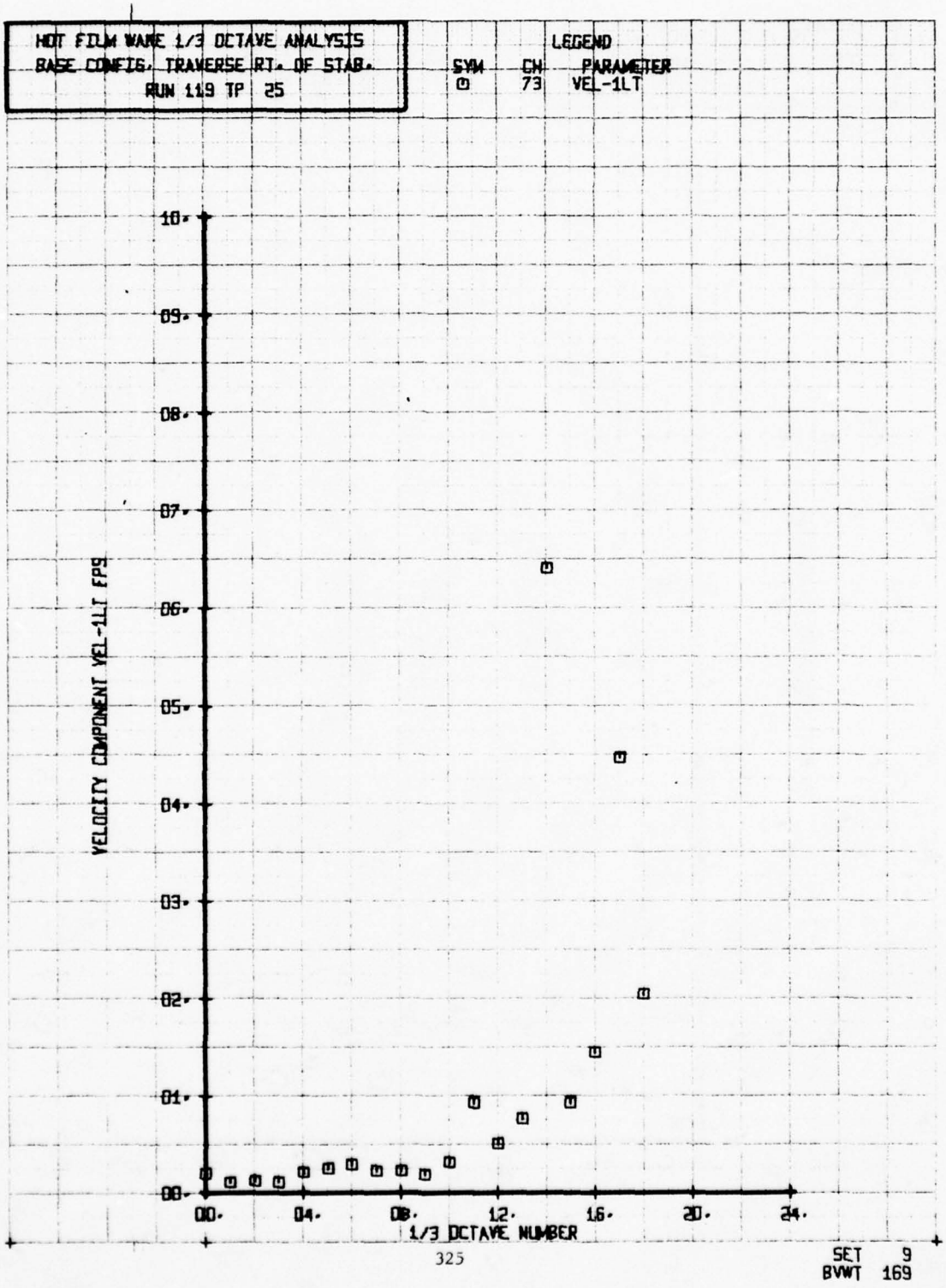

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RI. OF STAB.
RUN 119 TP 9
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

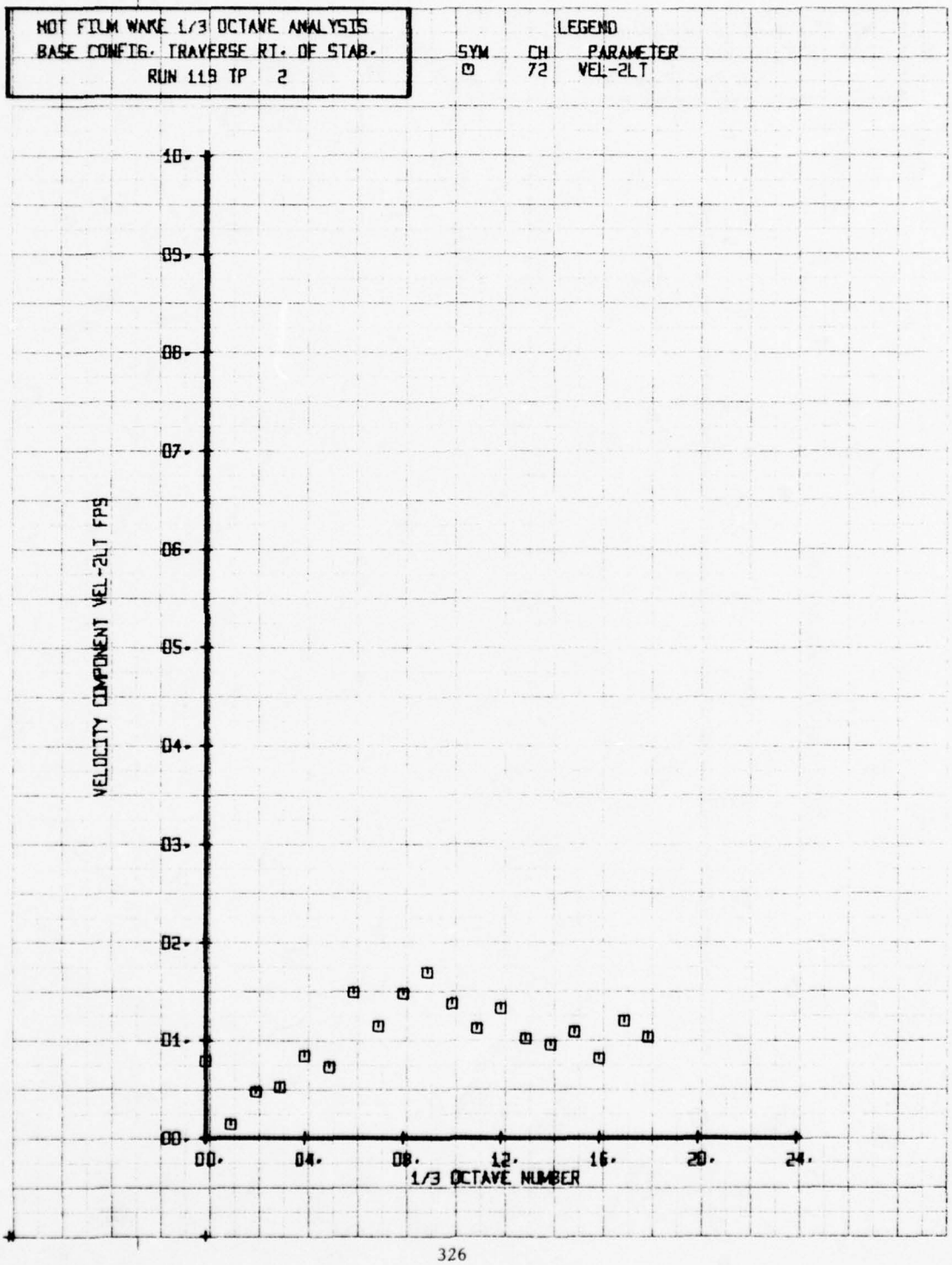

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 12
LEGEND
SYM CH PARAMETER
73 VEL-1LT
10.
09.
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05.
04.
03.
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VELOCITY COMPONENT VEL-1LT FPS
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 14
LEGEND
SYM CH PARAMETER
73 VEL-1LT
10.
09.
08.
07.
06.
05.
04.
03.
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VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

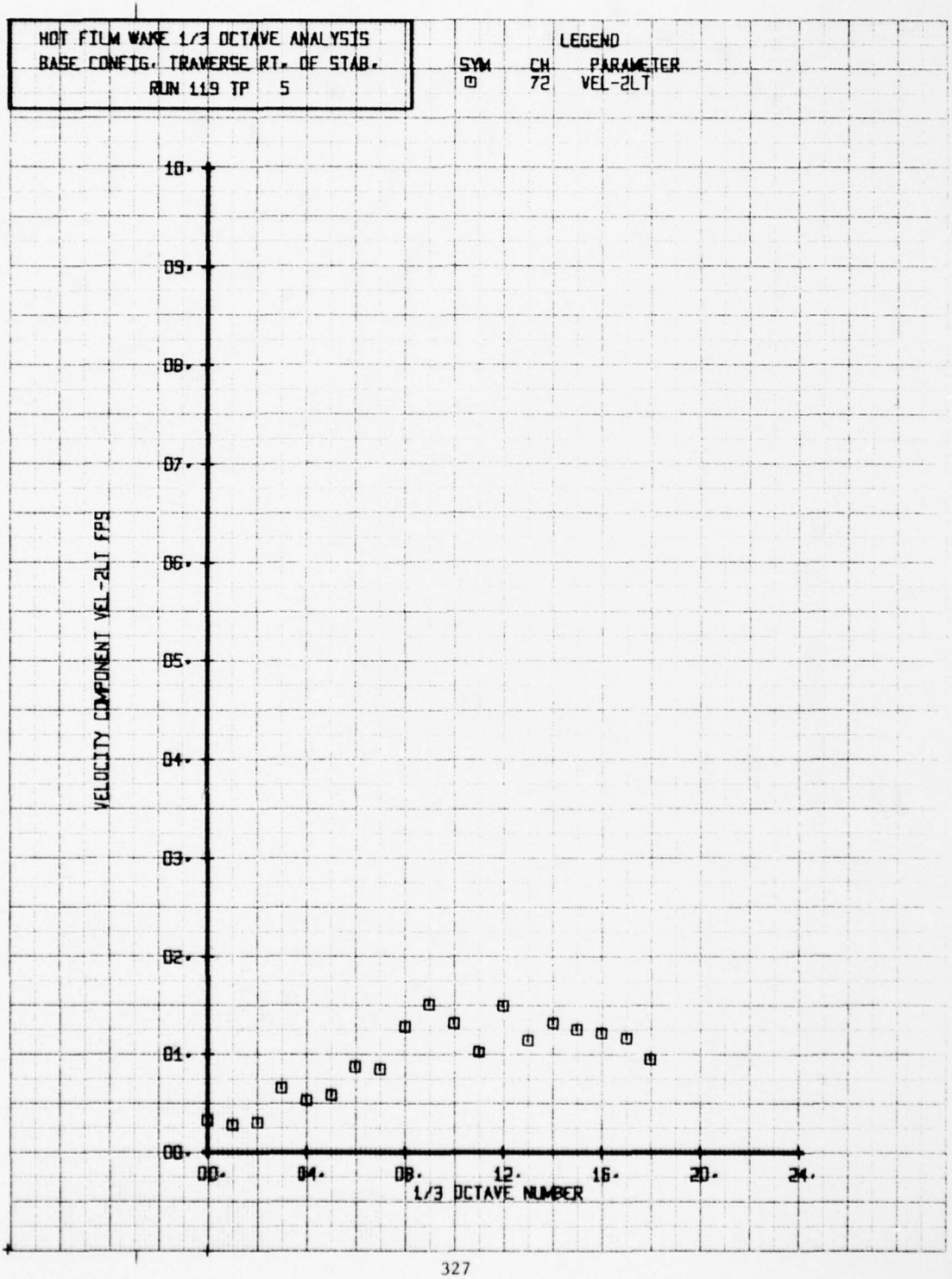

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 16
LEGEND
SYM CM PARAMETER
73 VEL-1LT
10.
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VELOCITY COMPONENT VEL-1LT FPS
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24.
1/3 OCTAVE NUMBER

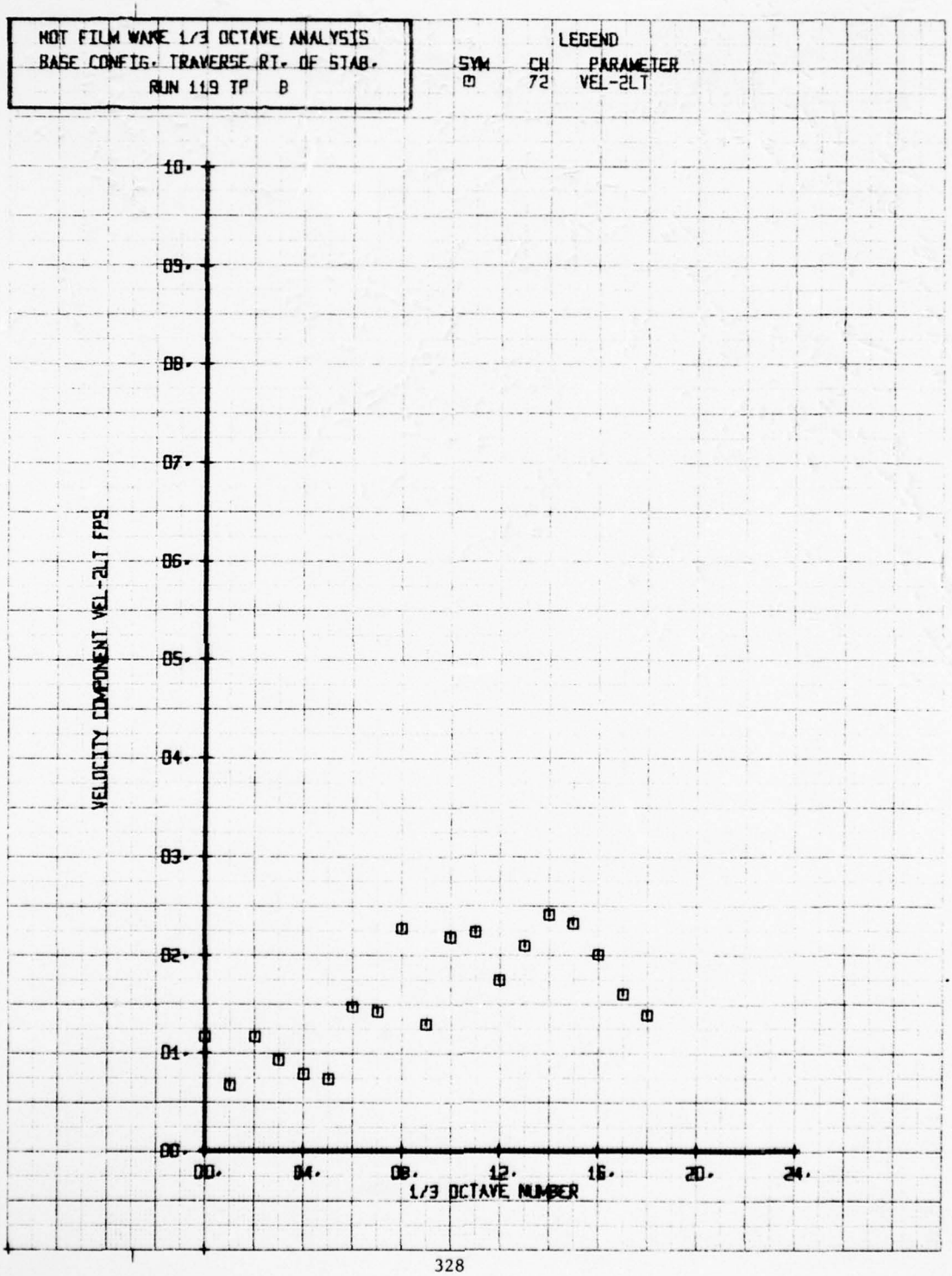

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 20
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
1/3 OCTAVE NUMBER
10.
09.
08.
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08.
12.
16.
20.
24.

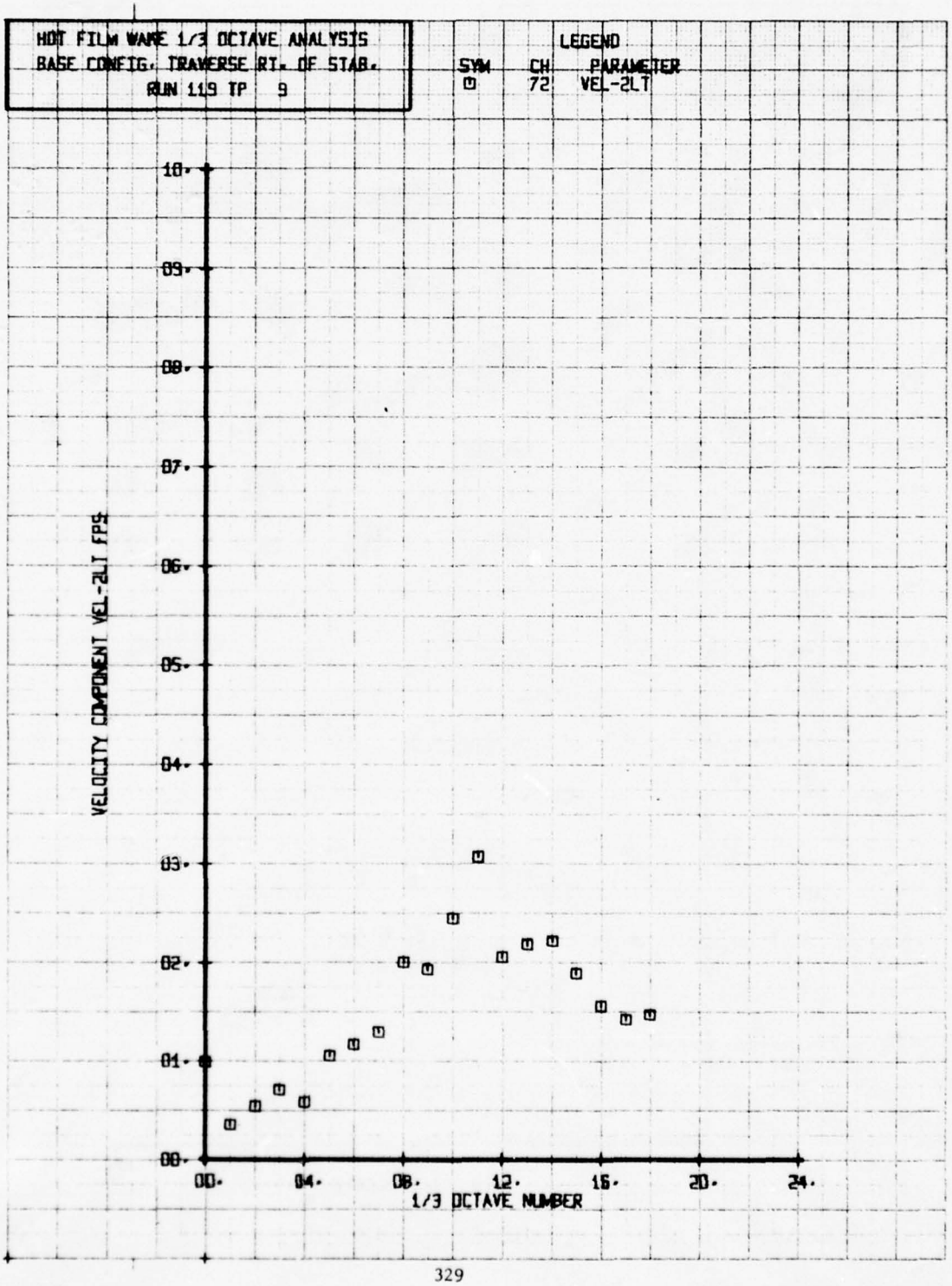

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 25
LEGEND
SYM CH PARAMETER
73 VEL-1LT
10.
09.
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VELOCITY COMPONENT VEL-1LT FPS
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12.
16.
20.
24.
1/3 OCTAVE NUMBER
SET 9
BVWT 169

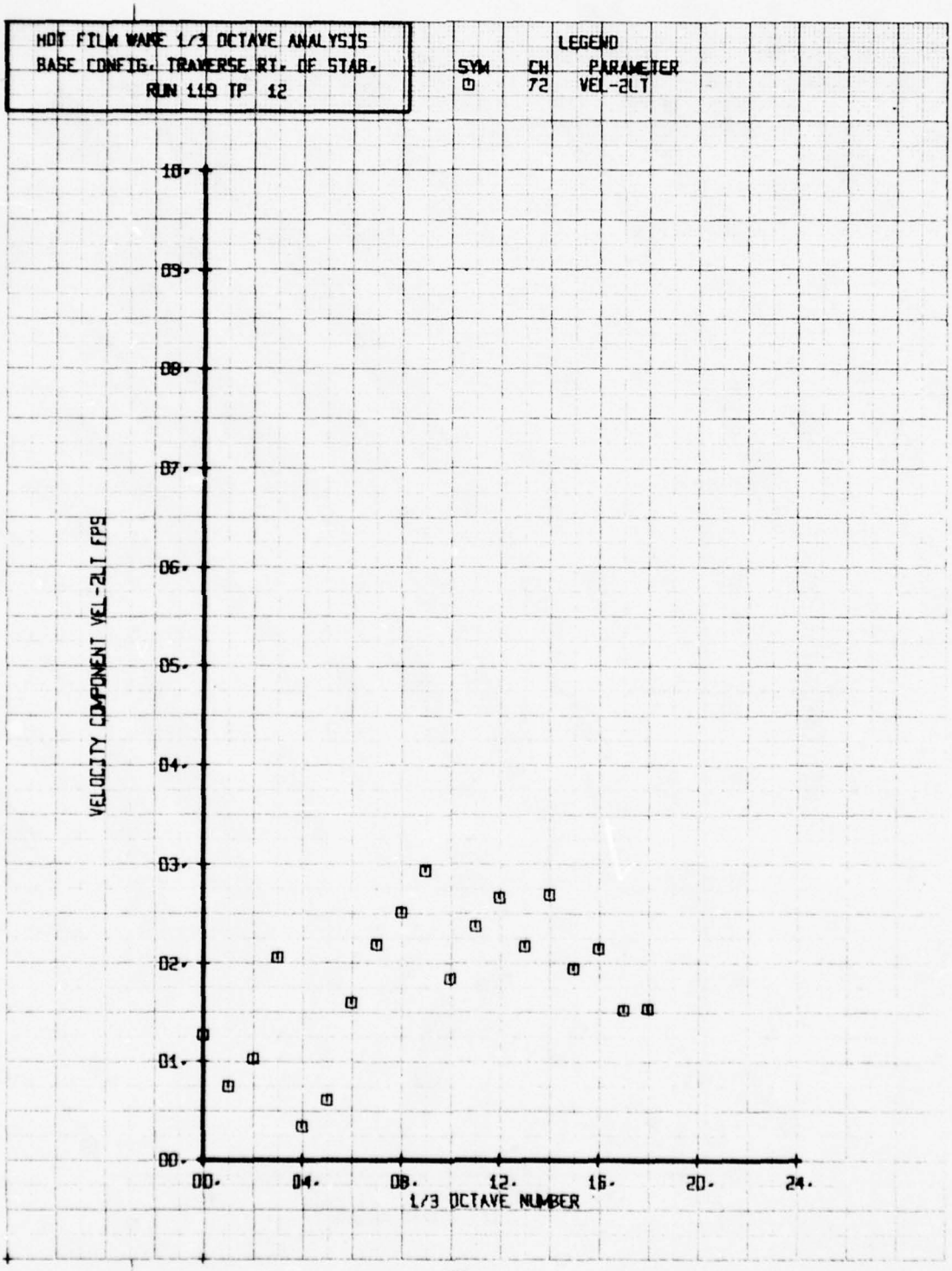

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 2
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

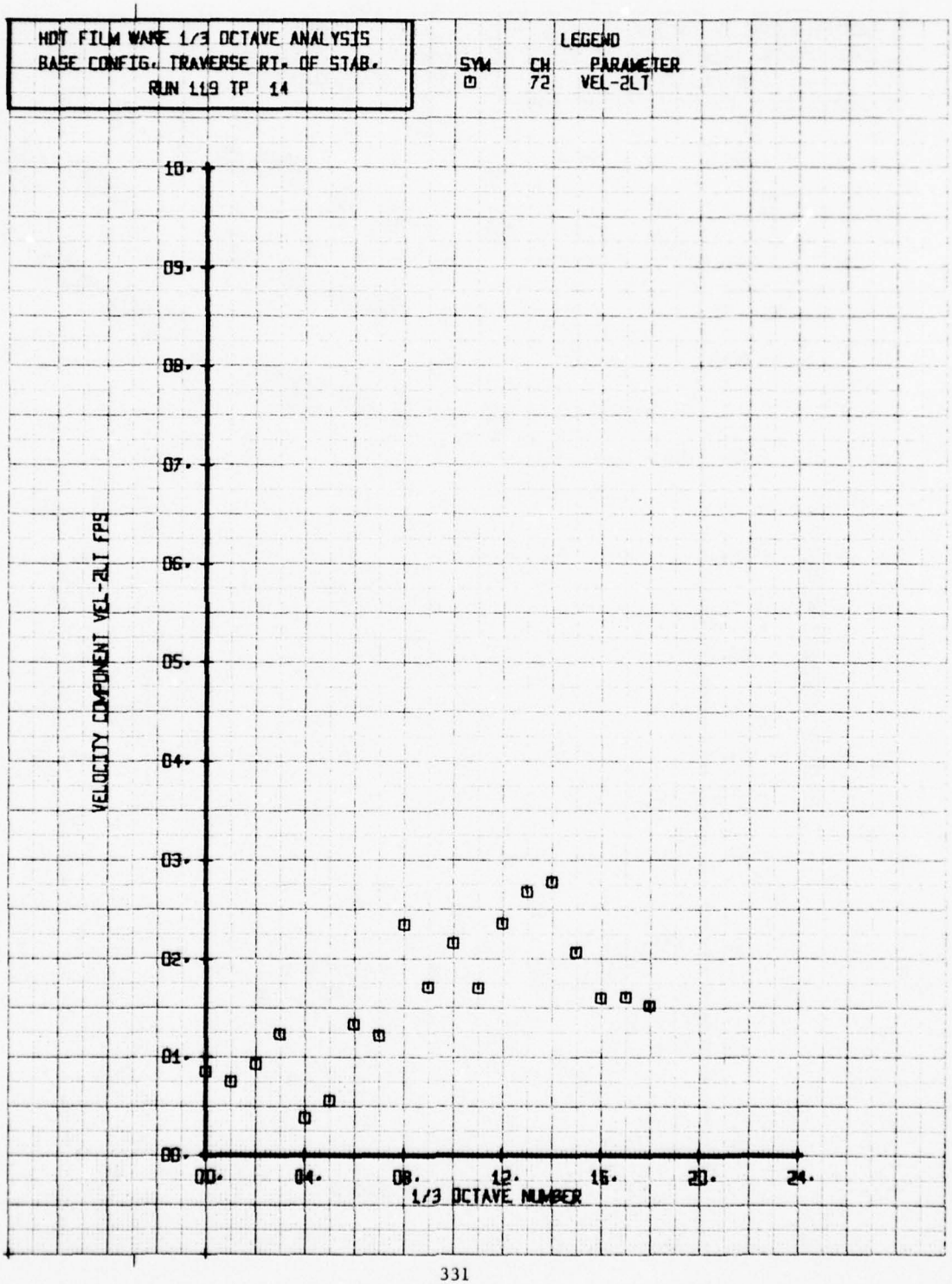
ET 9
WT 169

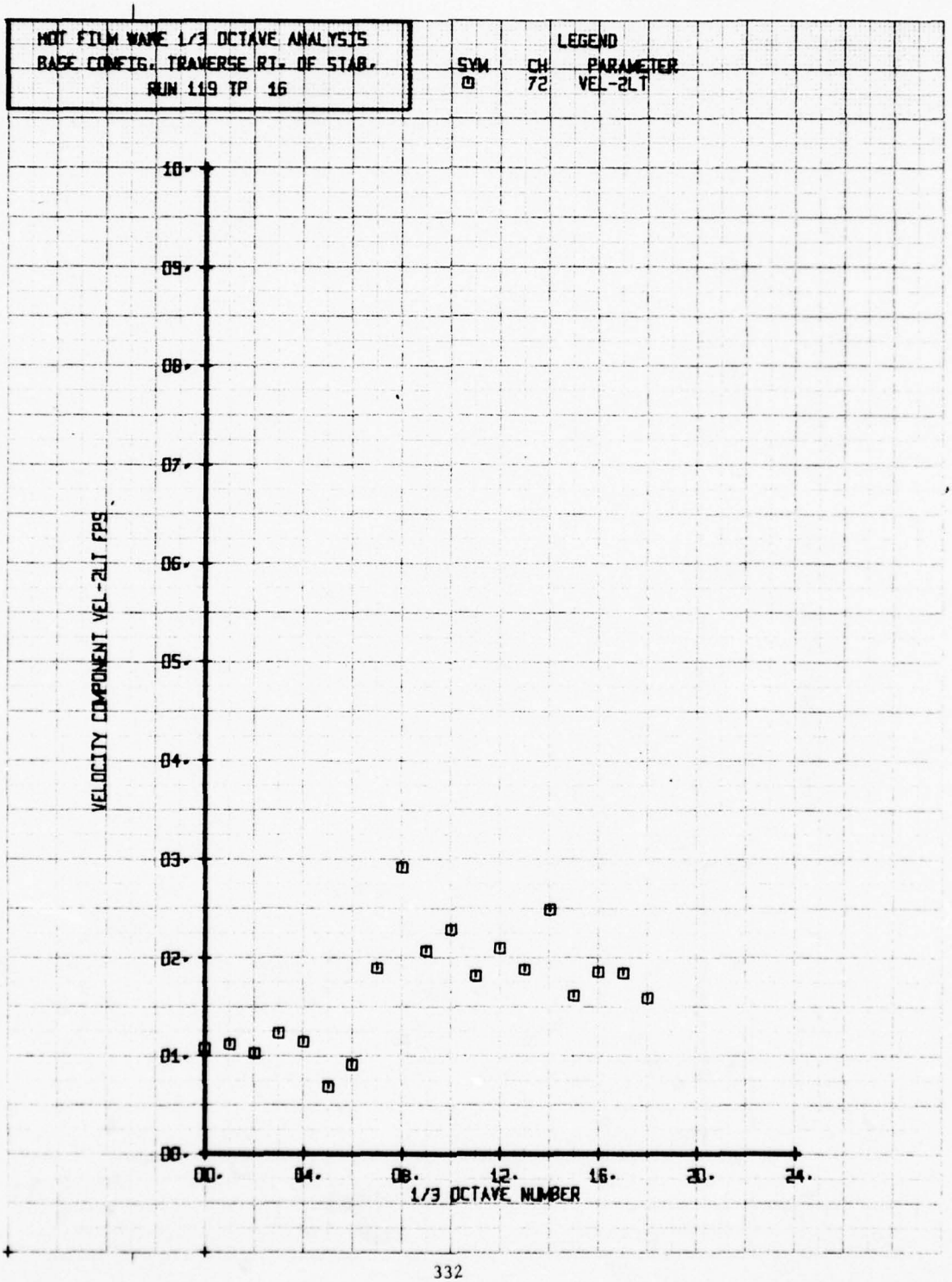

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 5
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
09.
08.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

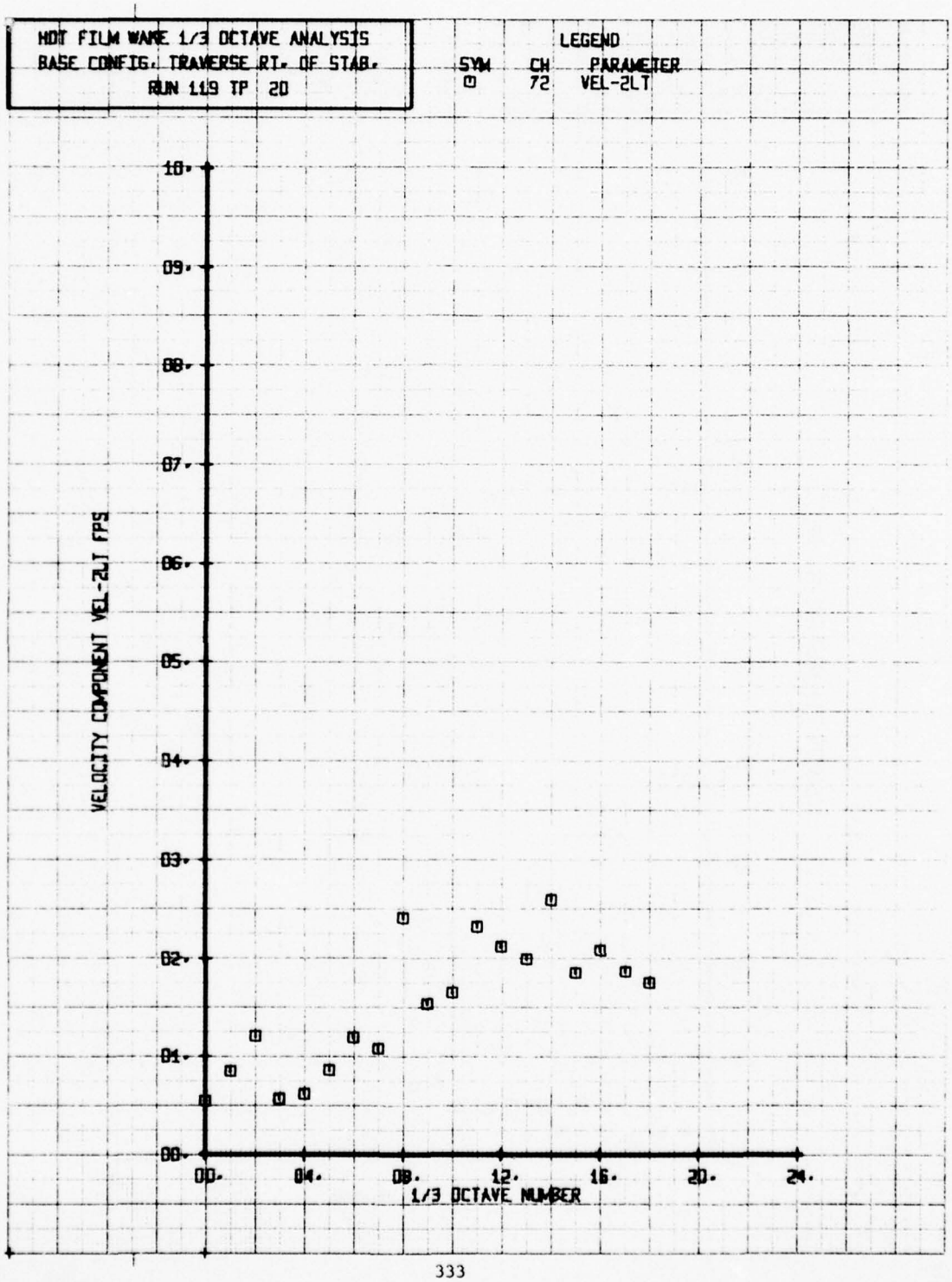

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 8
LEGEND
SYM CH PARAMETER
72 VEL-2LT
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
00.
VELOCITY COMPONENT VEL-2LT FPS
00.
04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER

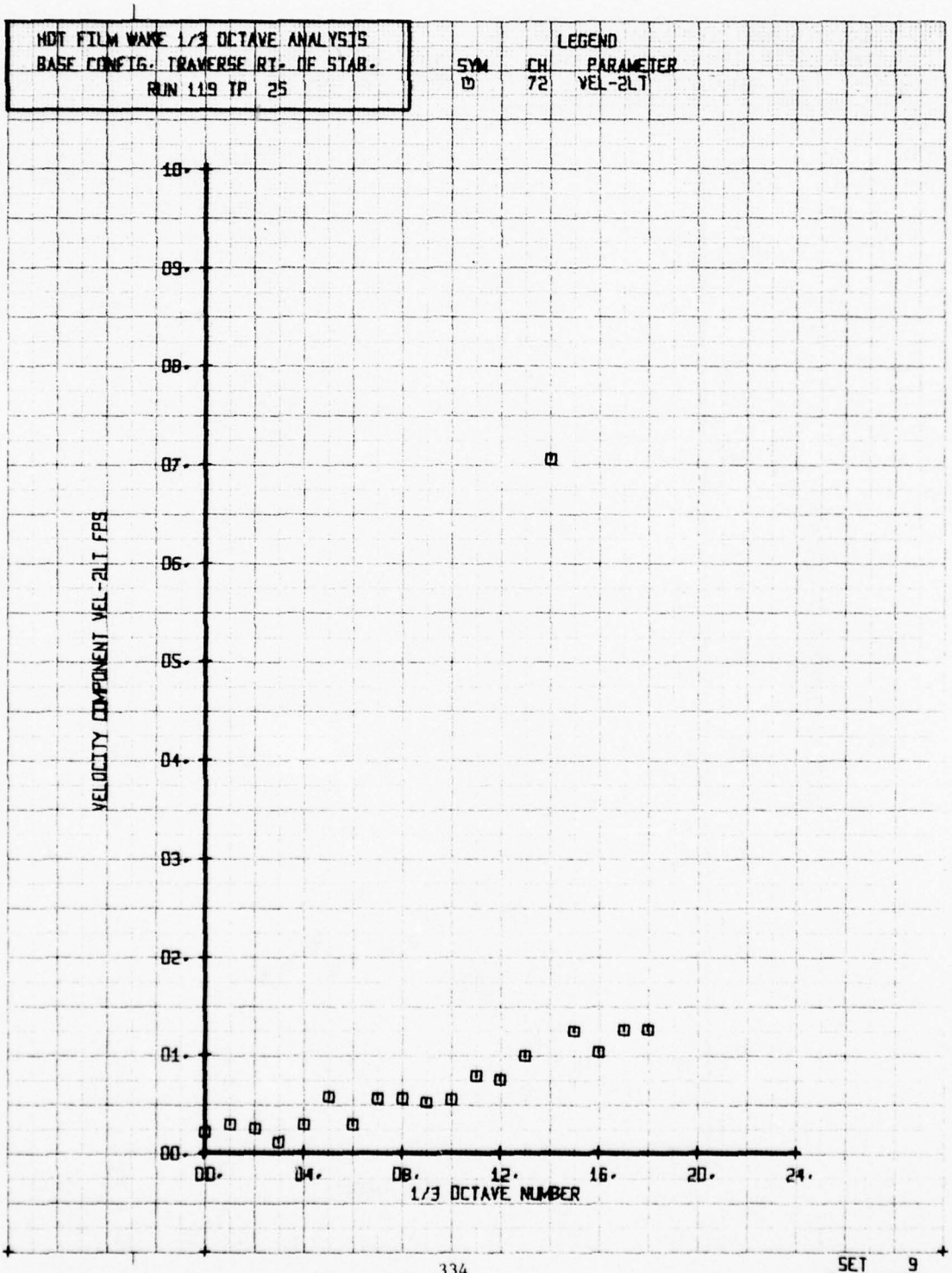

HOT FILM WARE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 9
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
1/3 OCTAVE NUMBER
10.
09.
08.
07.
06.
05.
04.
03.
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00.
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04.
08.
12.
16.
20.
24.


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 12
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
10.
09.
08.
07.
06.
05.
04.
03.
02.
01.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 14
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LI FPS
10.
09.
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24.
1/3 OCTAVE NUMBER

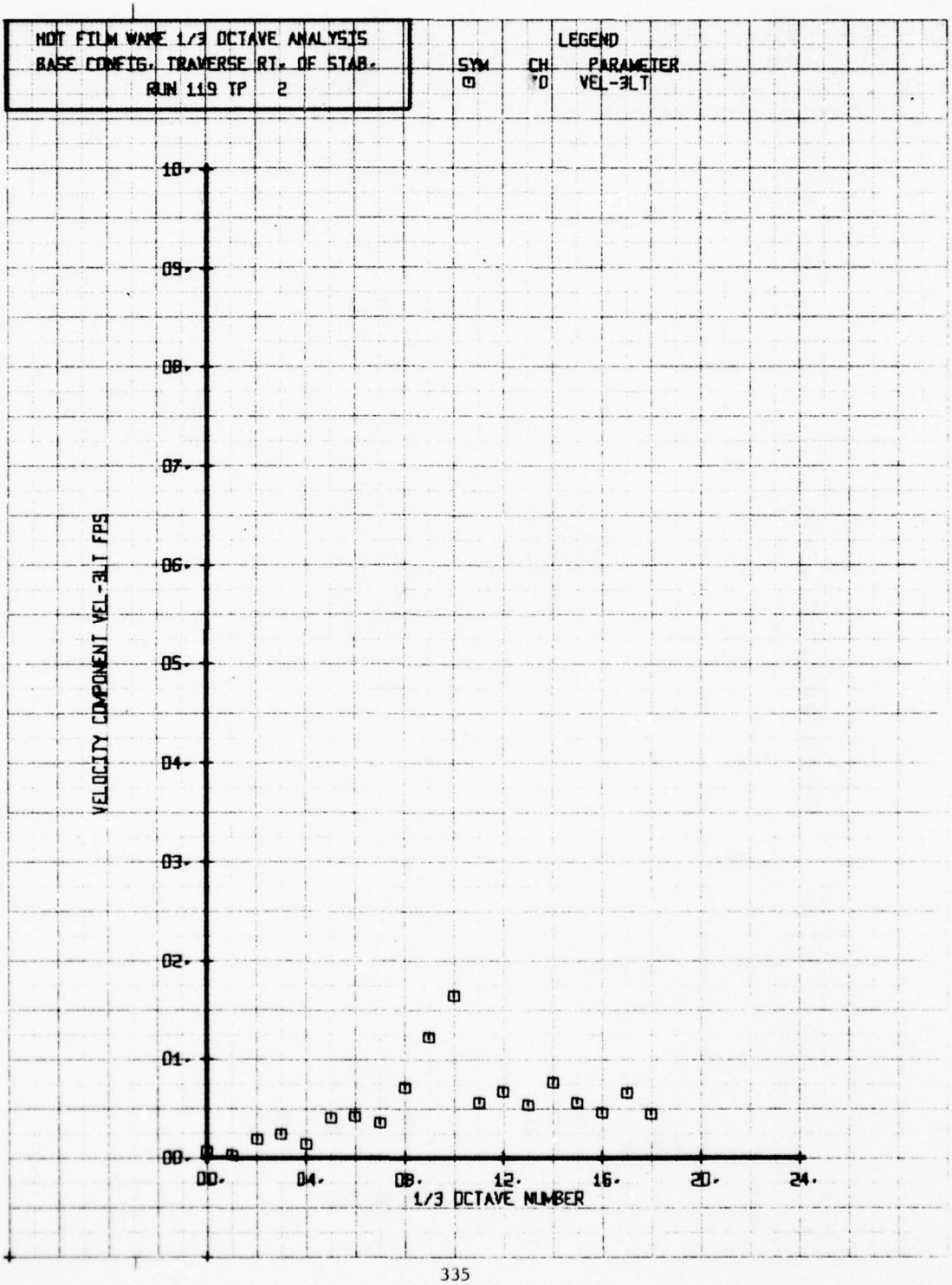

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 IP 16
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
09.
08.
07.
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04.
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04.
08.
12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 20
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
09.
08.
07.
06.
05.
04.
03.
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04.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

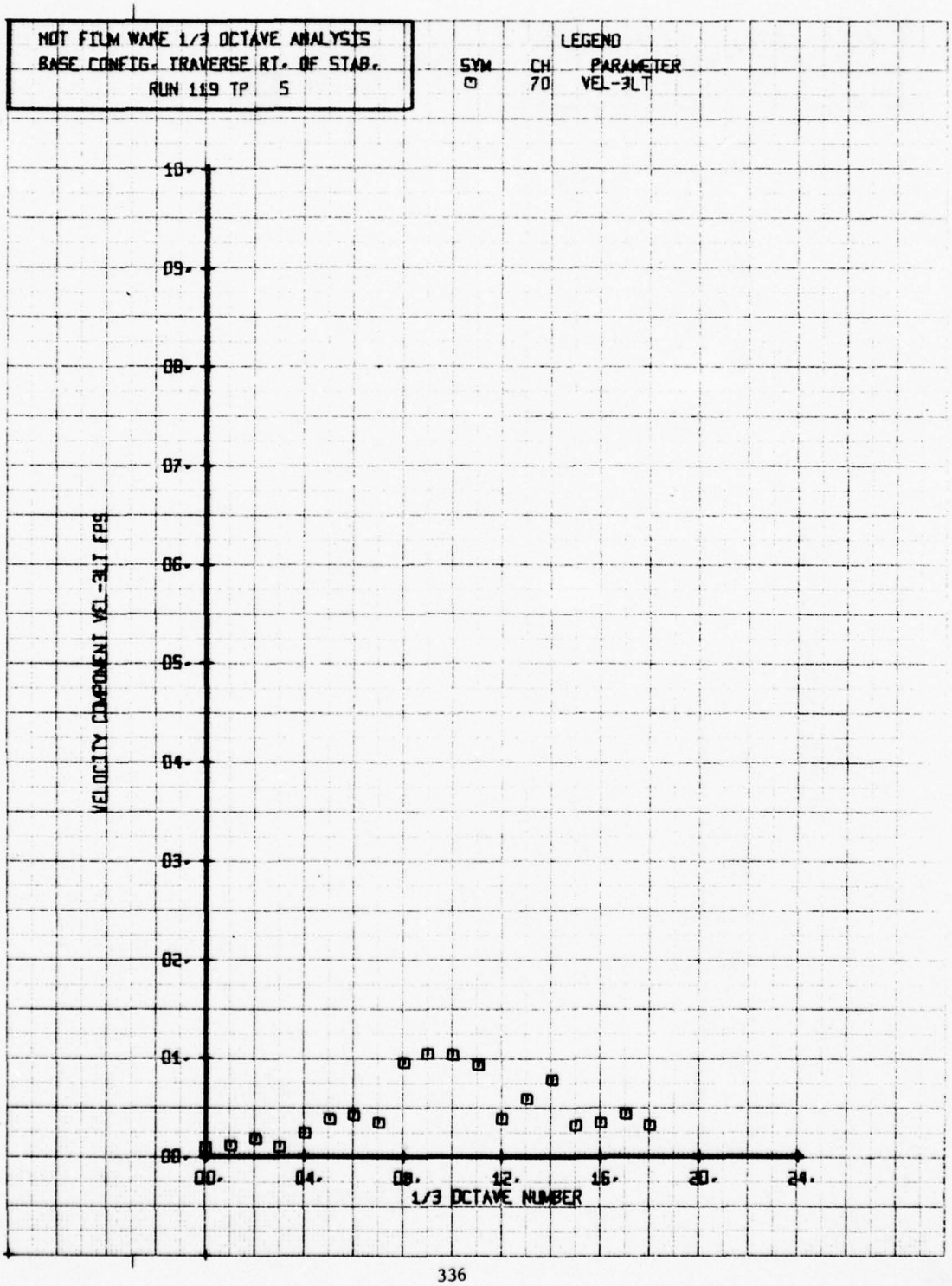


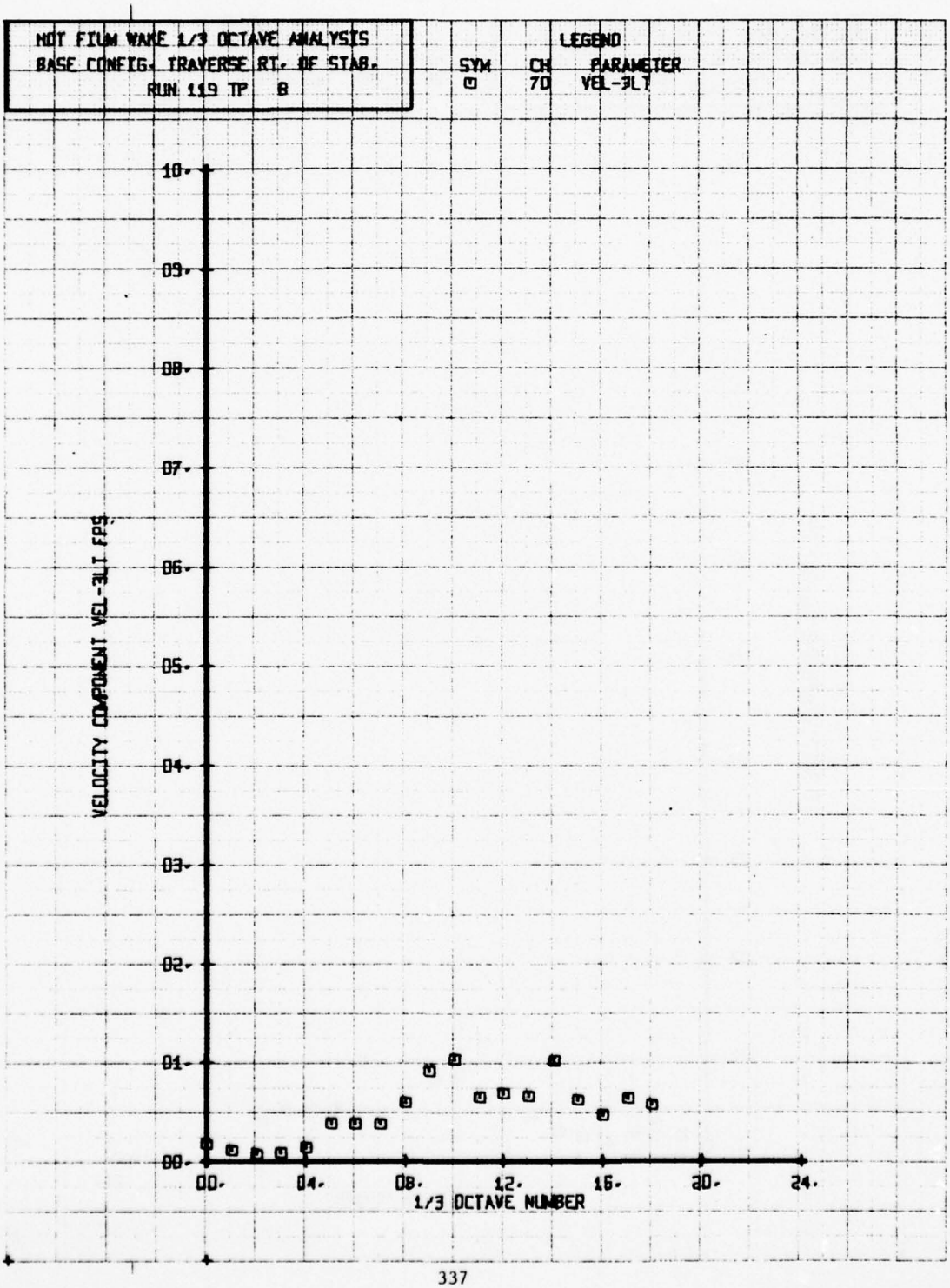
ET 9
WT 169

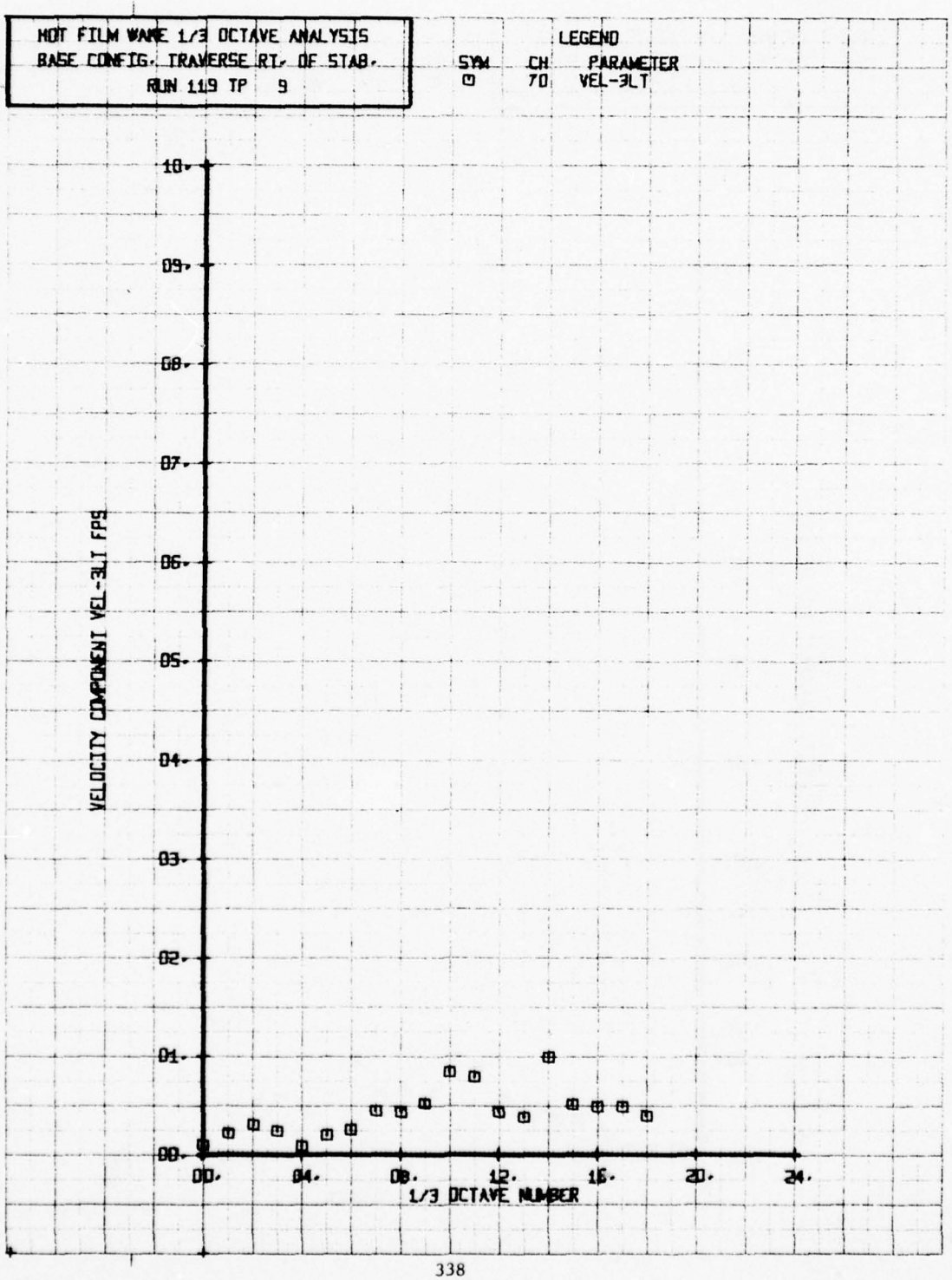
SET 9
BVWT 169

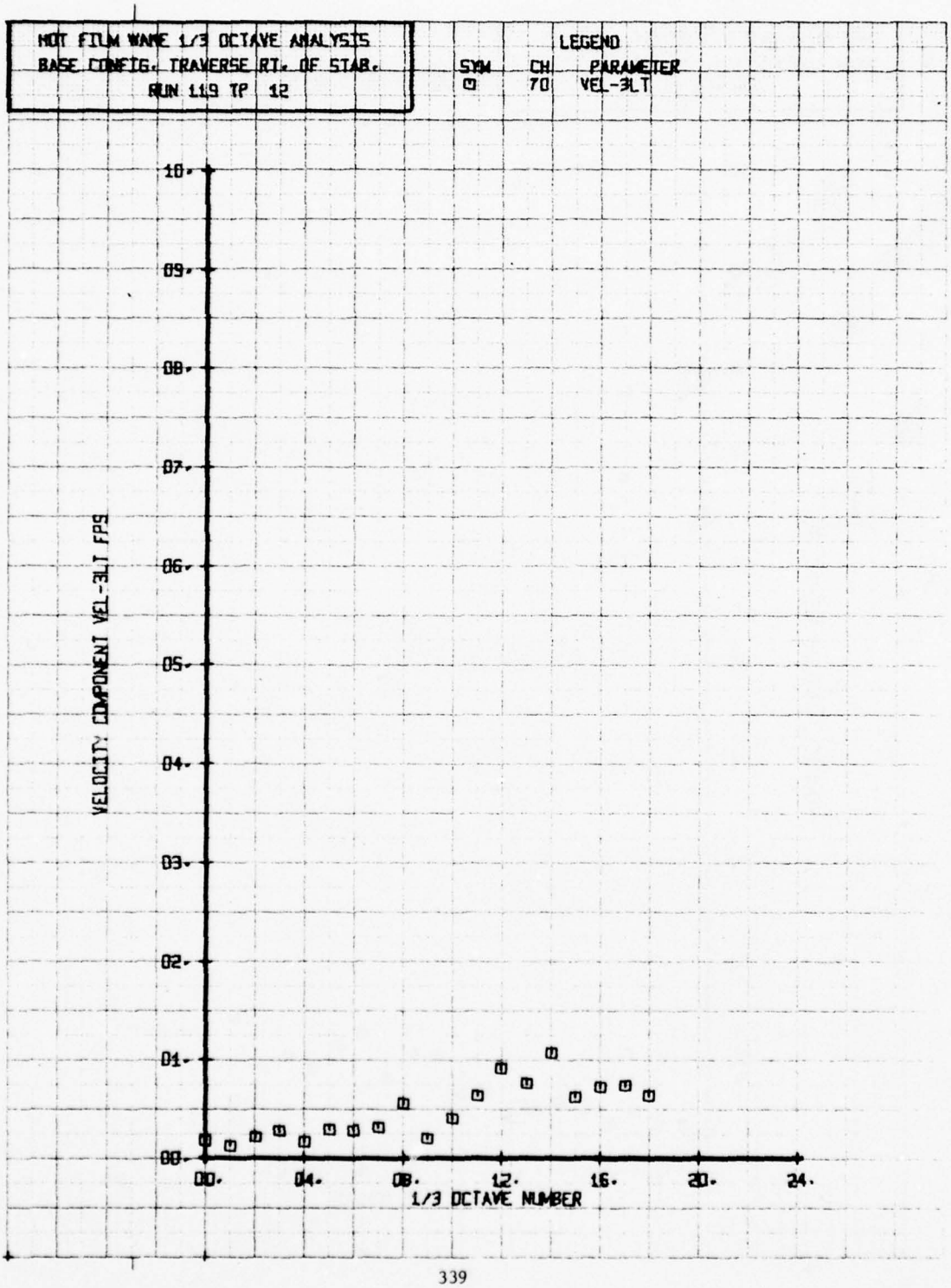

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 2
LEGEND
SYM CH PARAMETER
0 0 VEL-3LT
10.
09.
08.
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00.
VELOCITY COMPONENT VEL-3LT FPS
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04.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

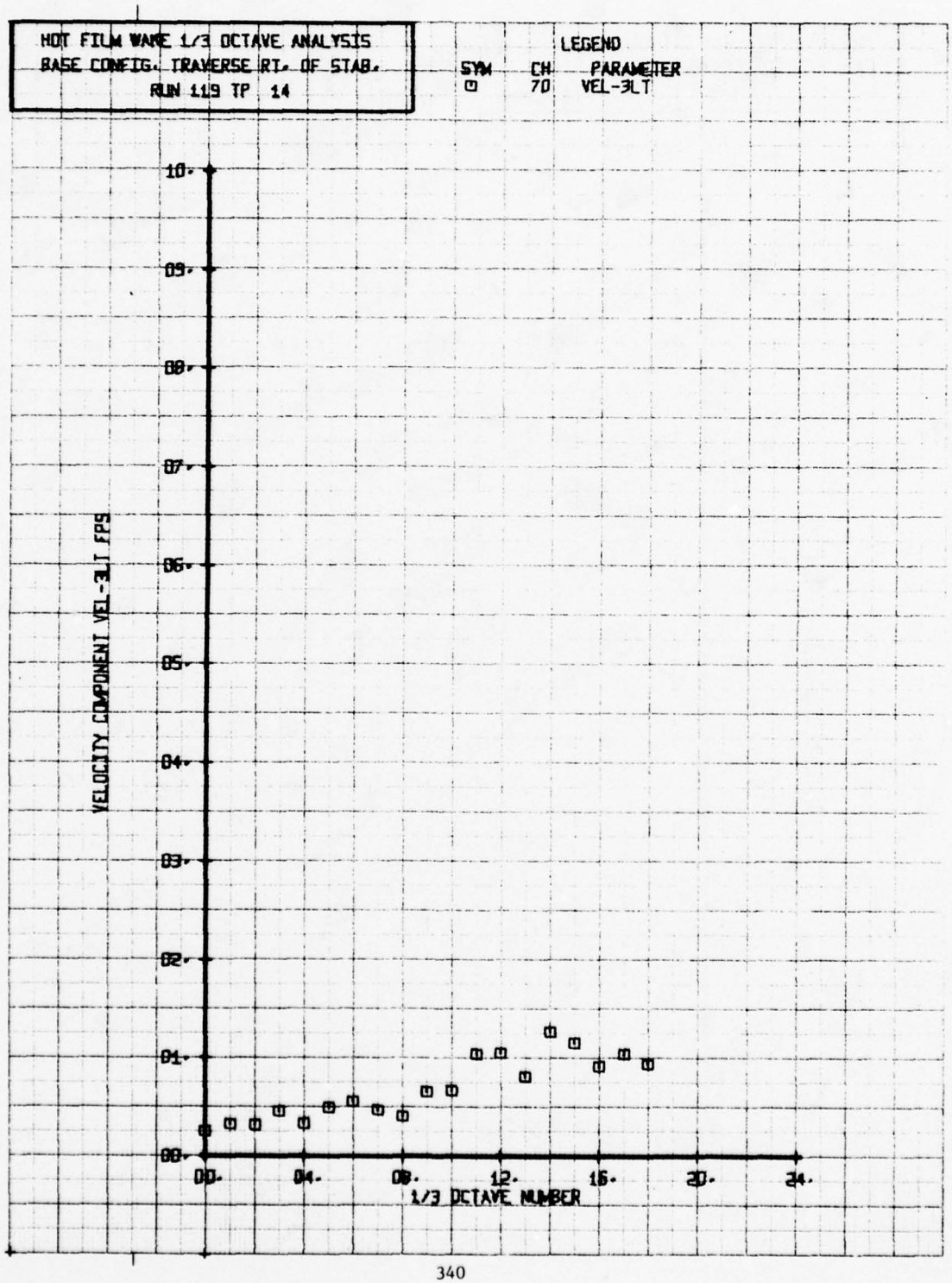
ET 9
WT 169

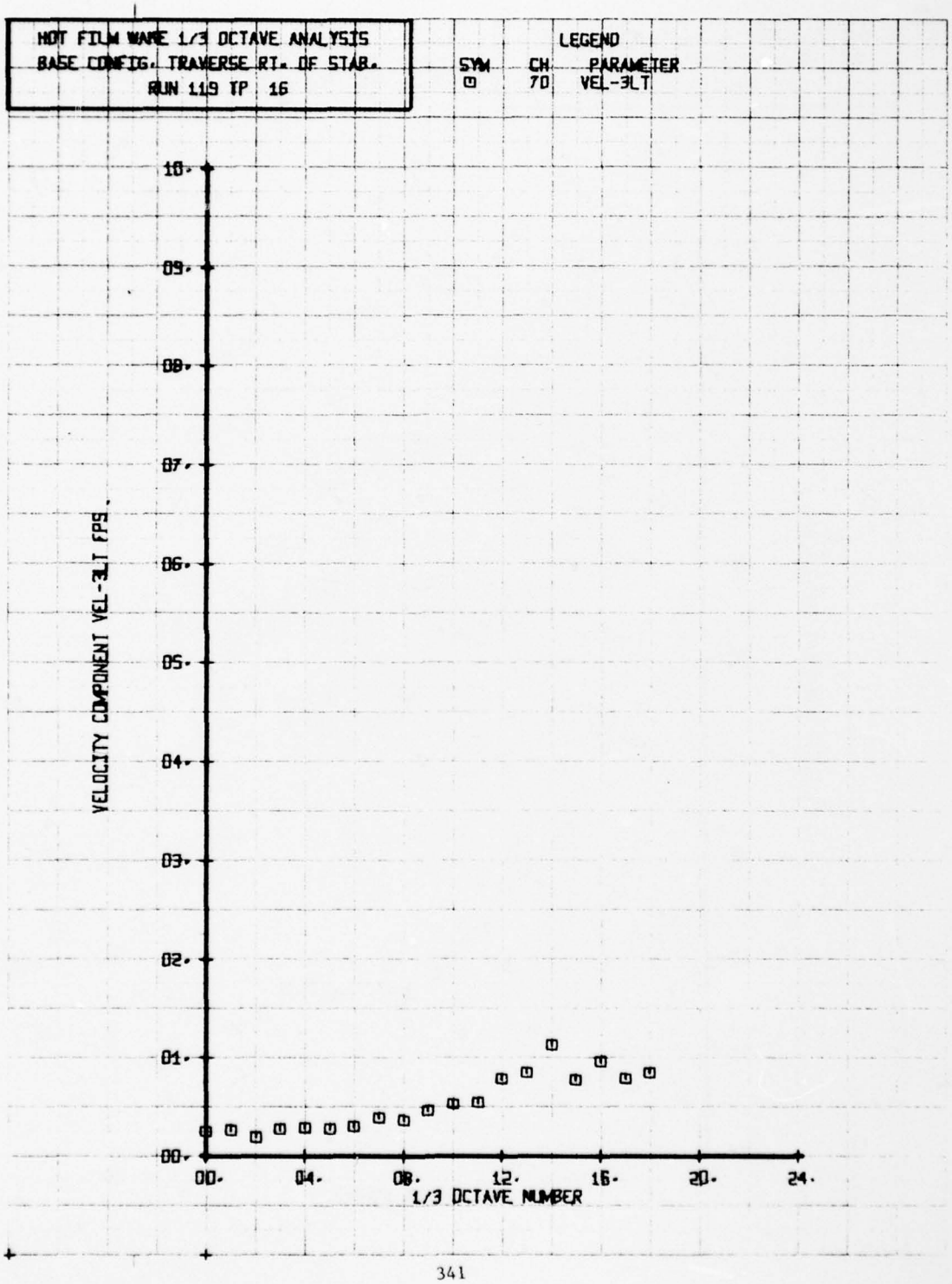

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 5
LEGEND
SYM CH PARAMETER
70 VEL-3LT
10.
09.
08.
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03.
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VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER

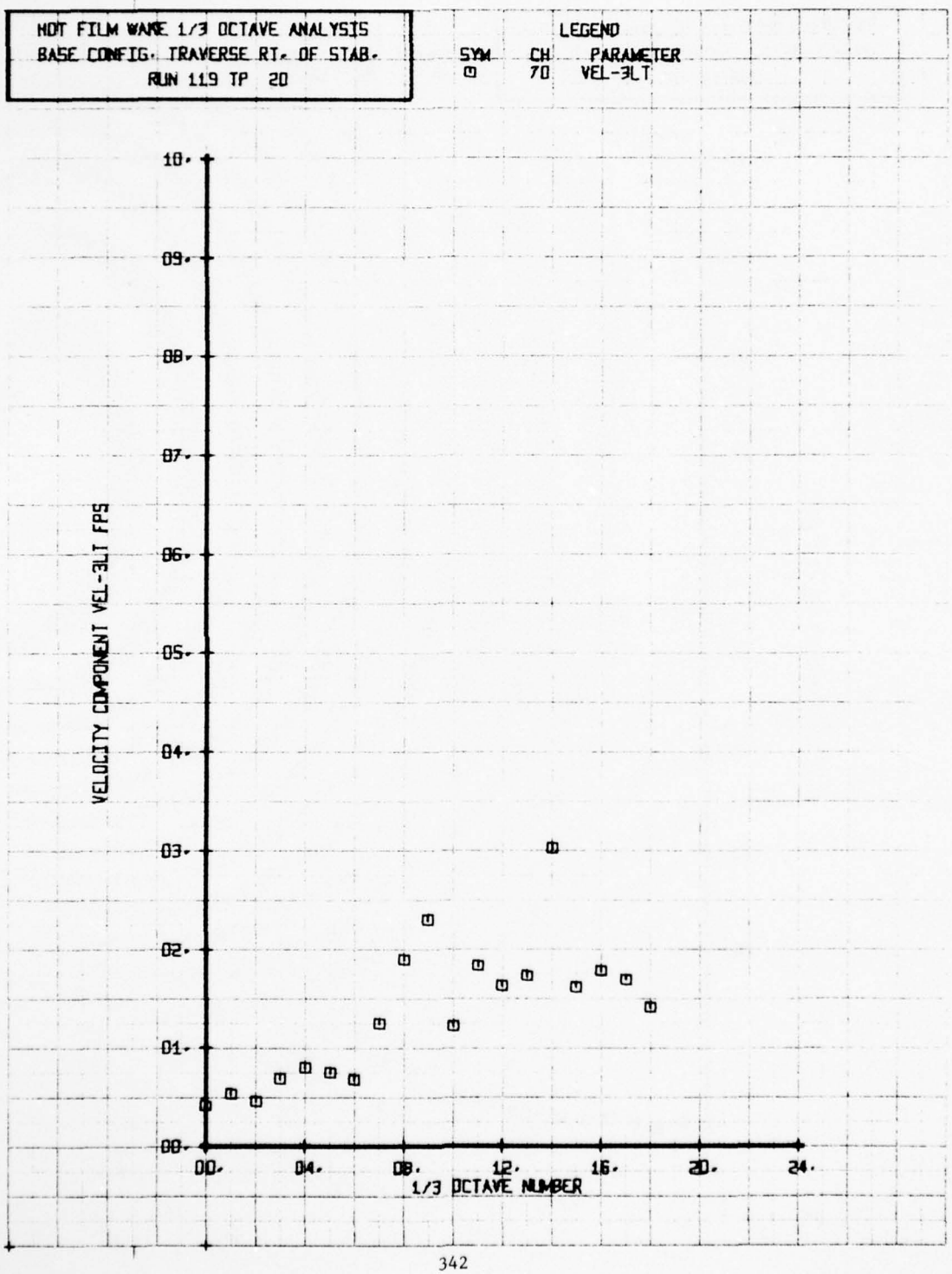

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 8
LEGEND
SYM CH PARAMETER
7D VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
10.
09.
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24.
1/3 OCTAVE NUMBER

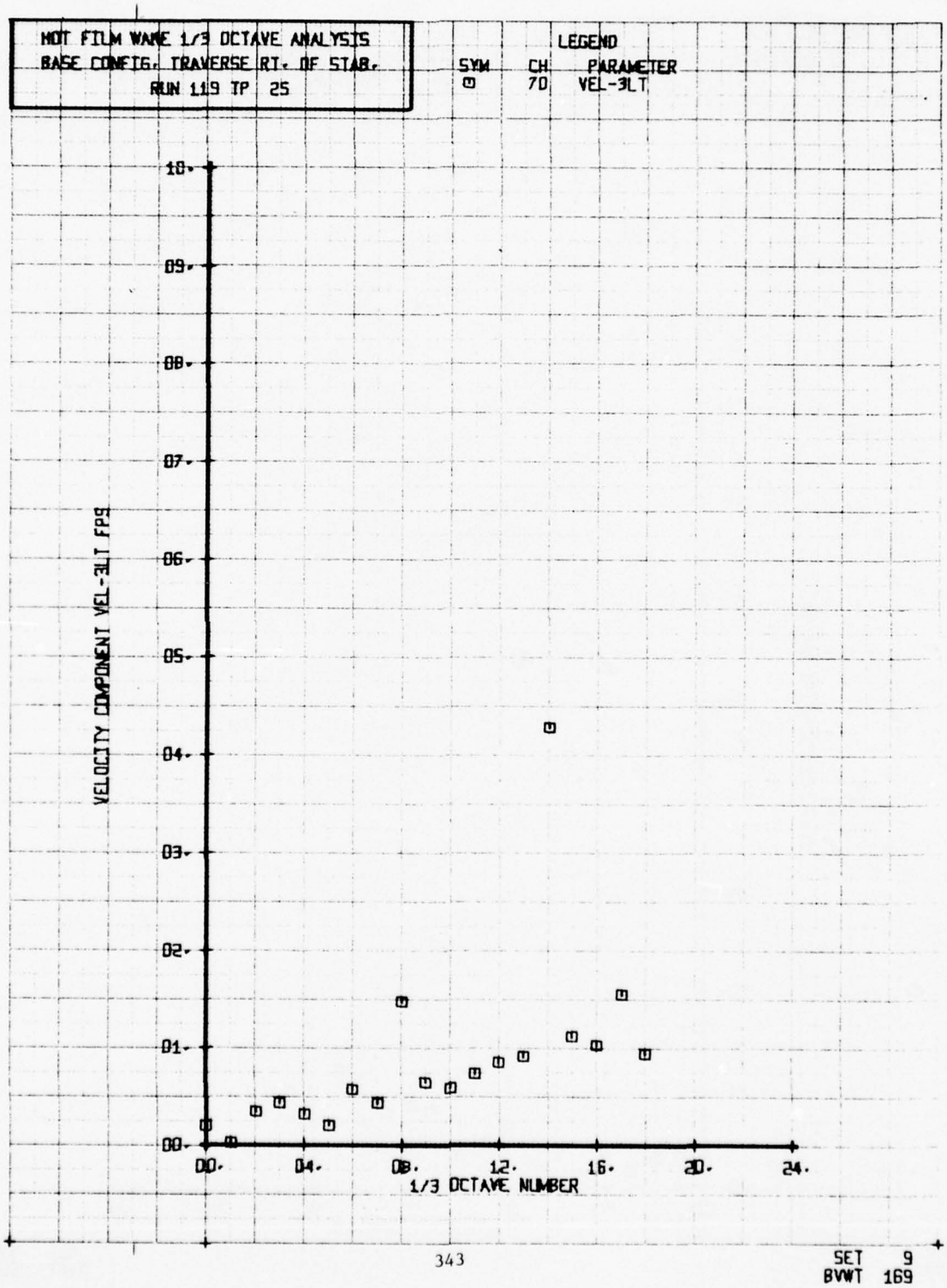

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 9
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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09.
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24.
1/3 OCTAVE NUMBER

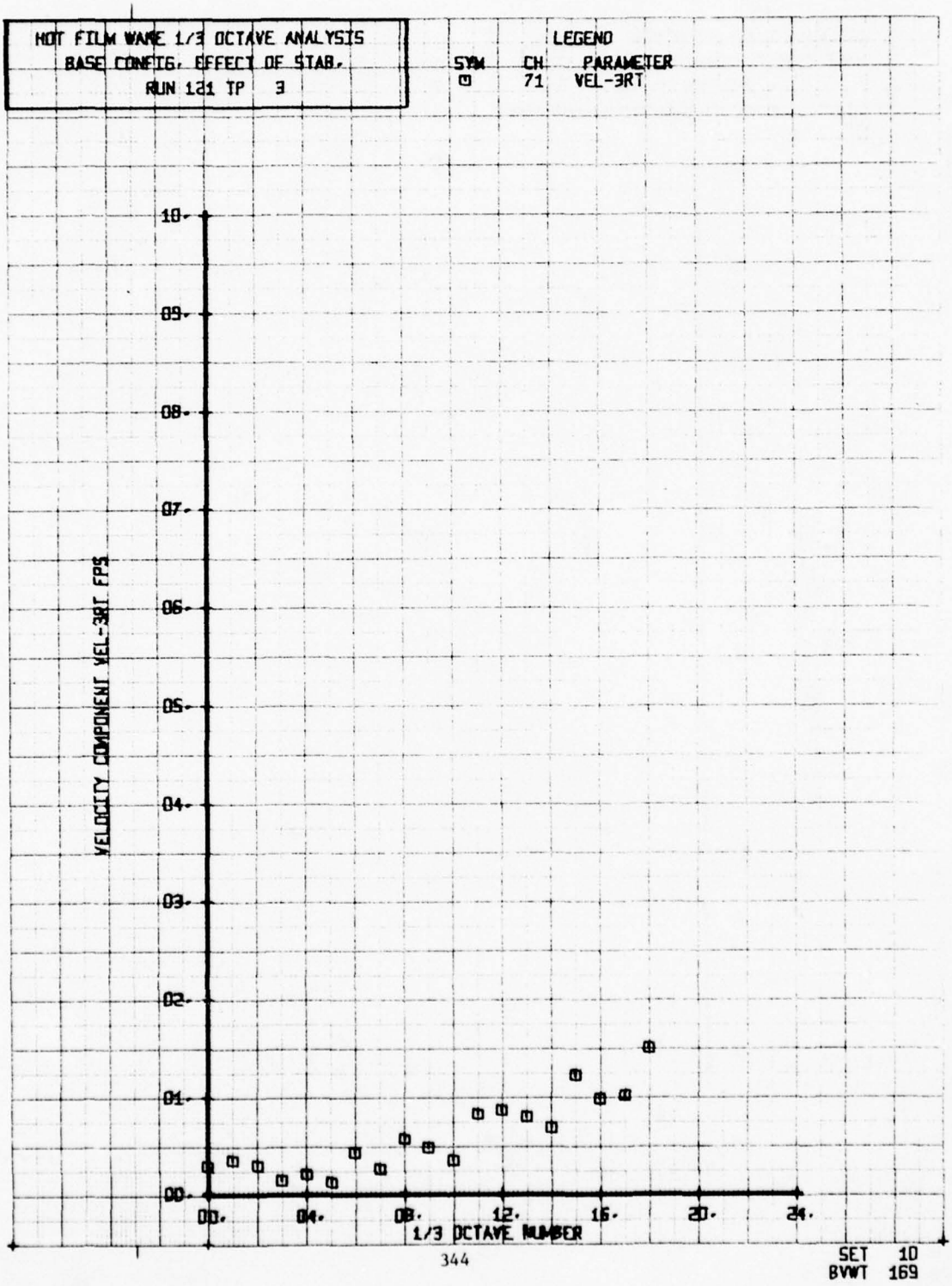

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 12
LEGEND
SYM CH PARAMETER
70 VEL-3LT
10.
09.
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VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 14
LEGEND
SYM CH PARAMETER
70 VEL-3LT
10.
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VELOCITY COMPONENT VEL-3LT FPS
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12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 16
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS.
10.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER

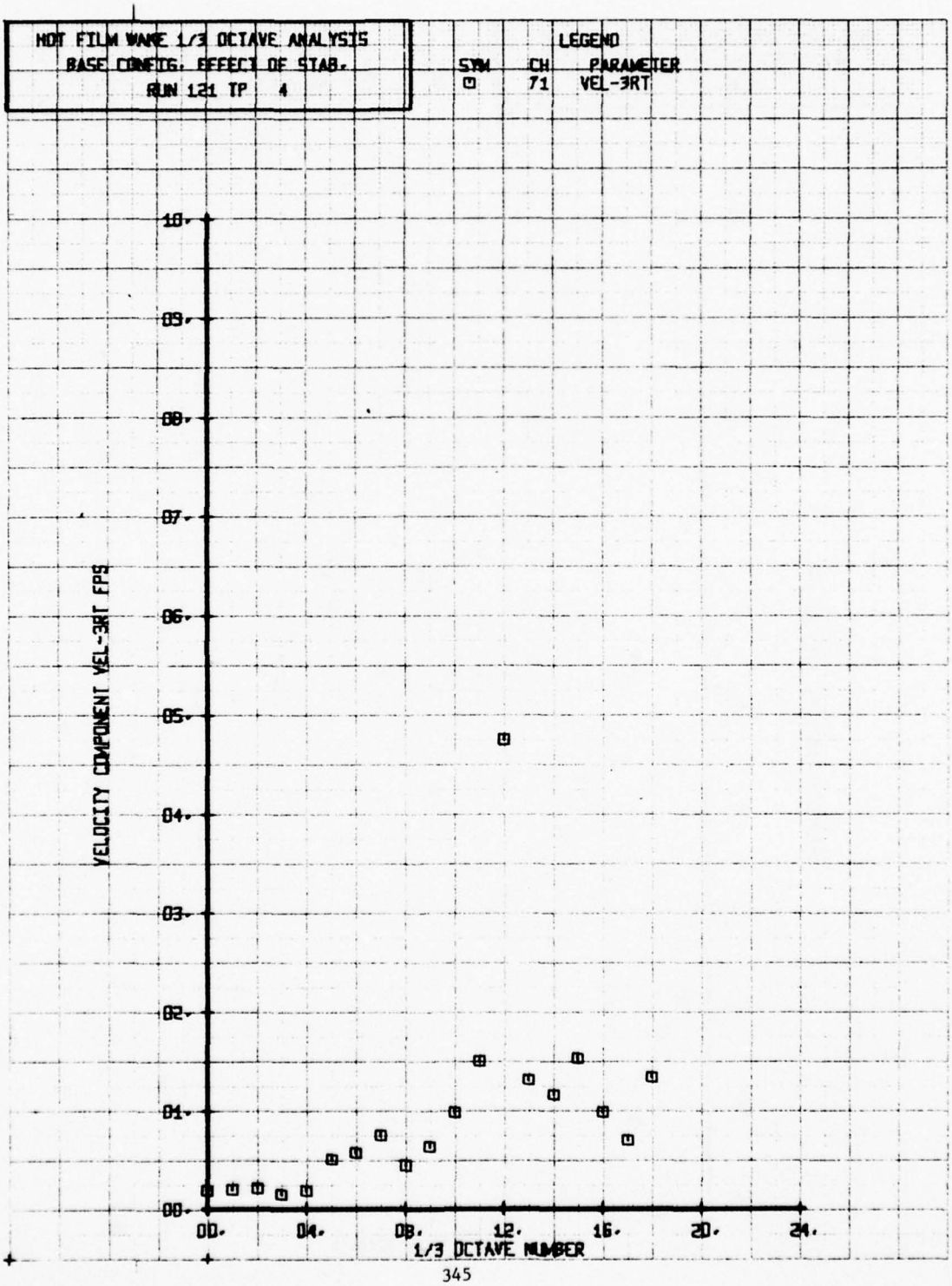

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 20
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
1/3 OCTAVE NUMBER
10.
09.
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08.
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16.
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HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. TRAVERSE RT. OF STAB.
RUN 119 TP 25
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
10.
09.
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03.
02.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
ET 9
WT 169
SET 9
BVWT 169

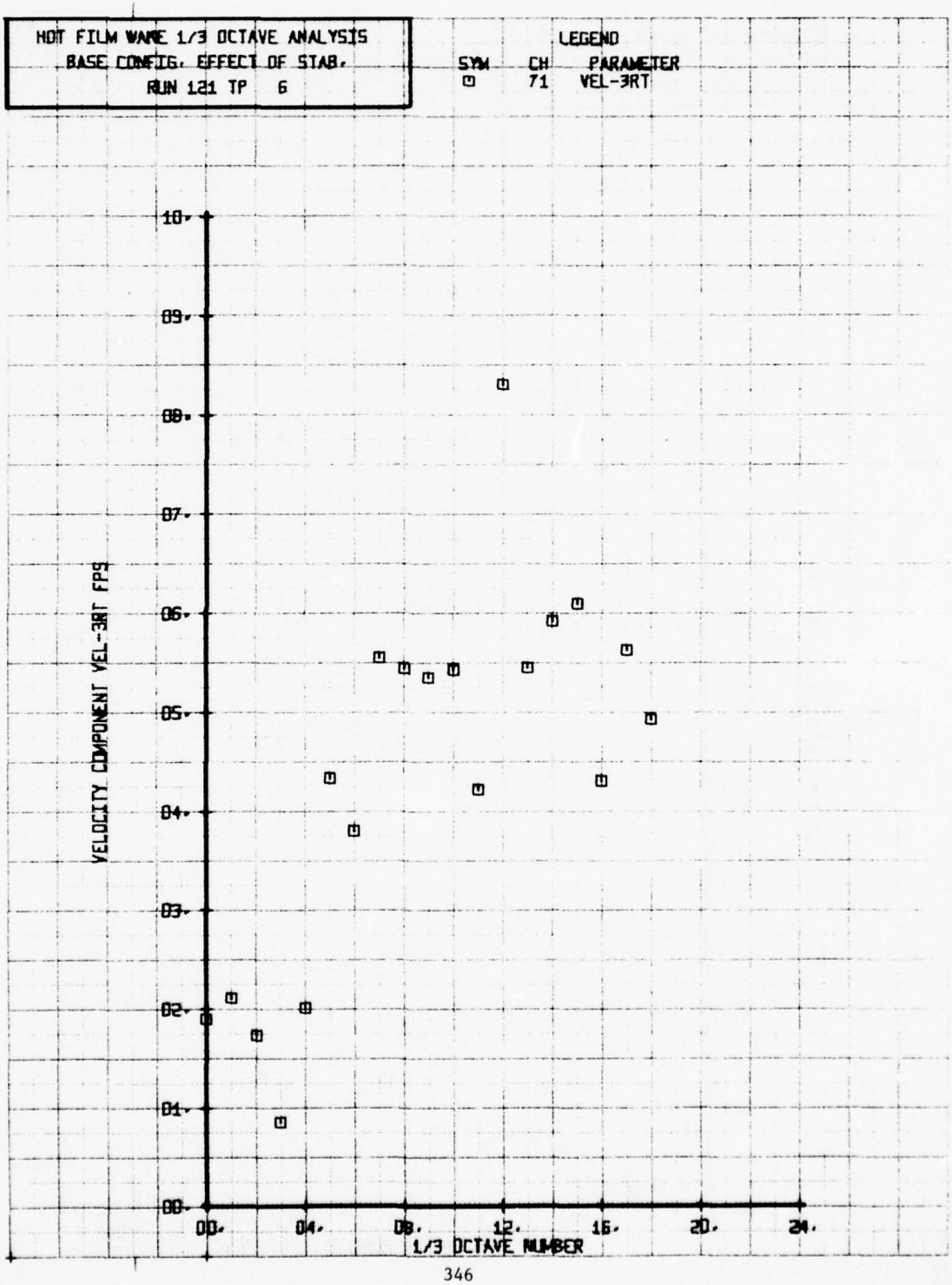


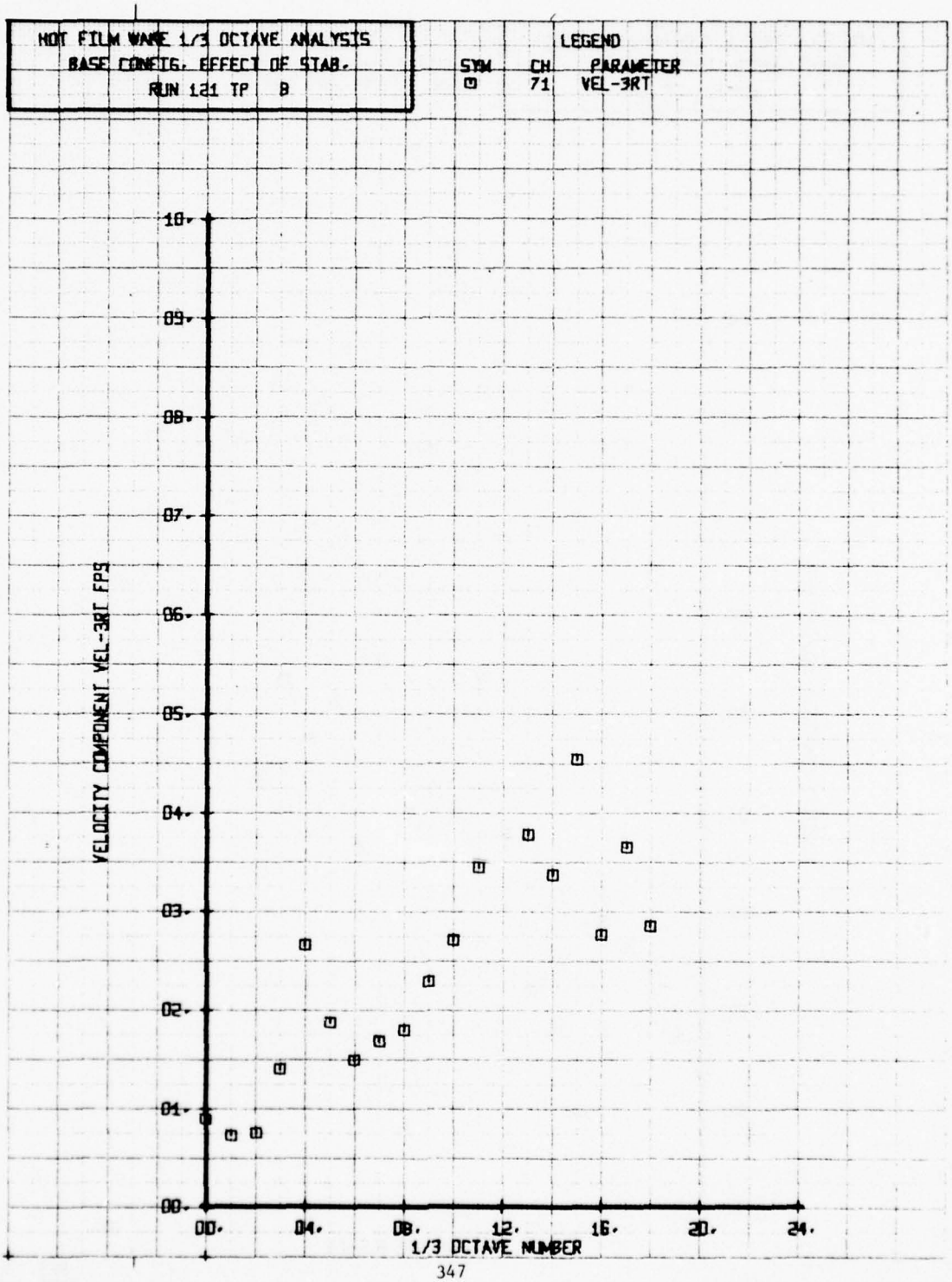
ET 10
WT 169

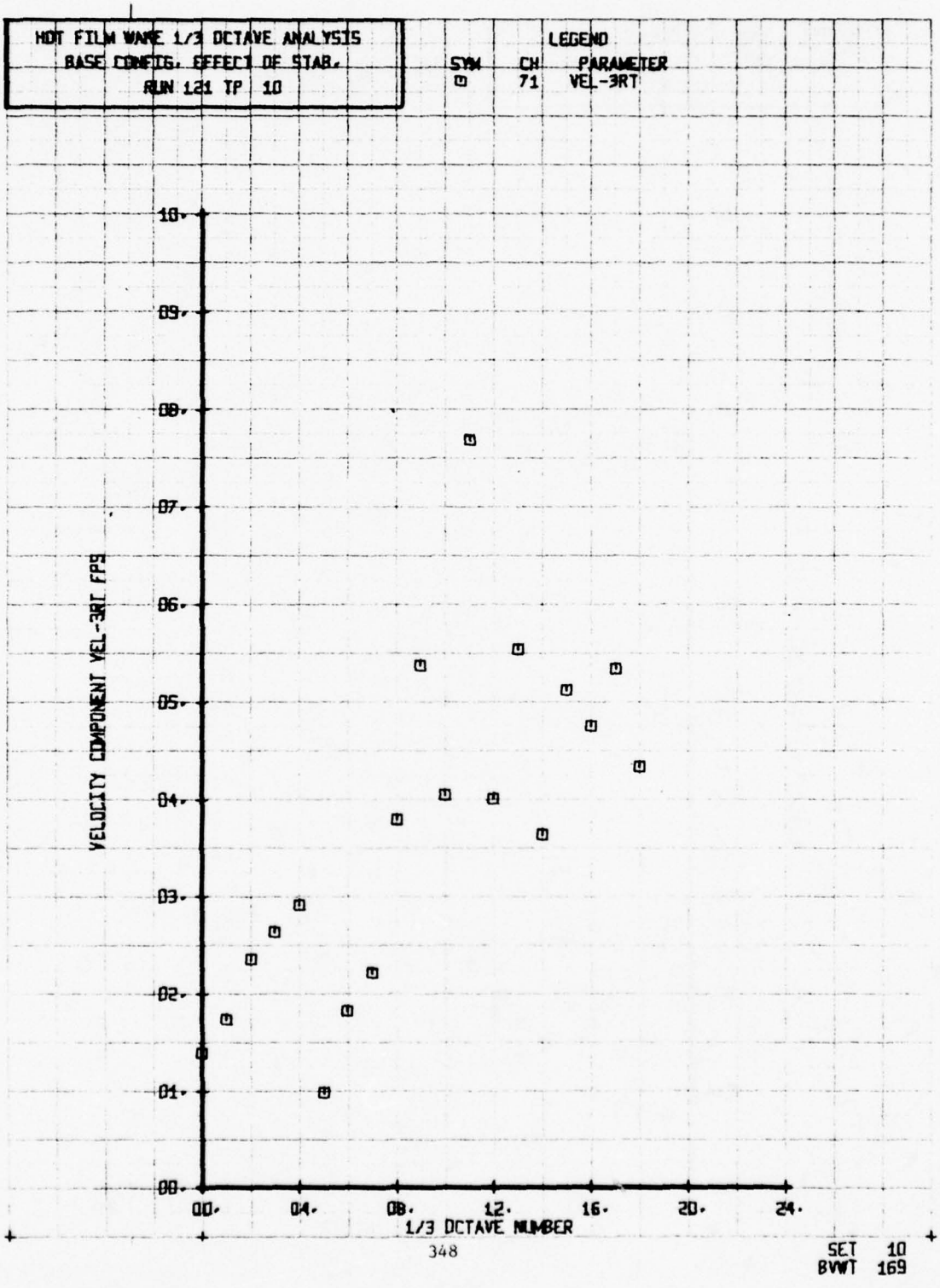
SET 10
BVWT 169

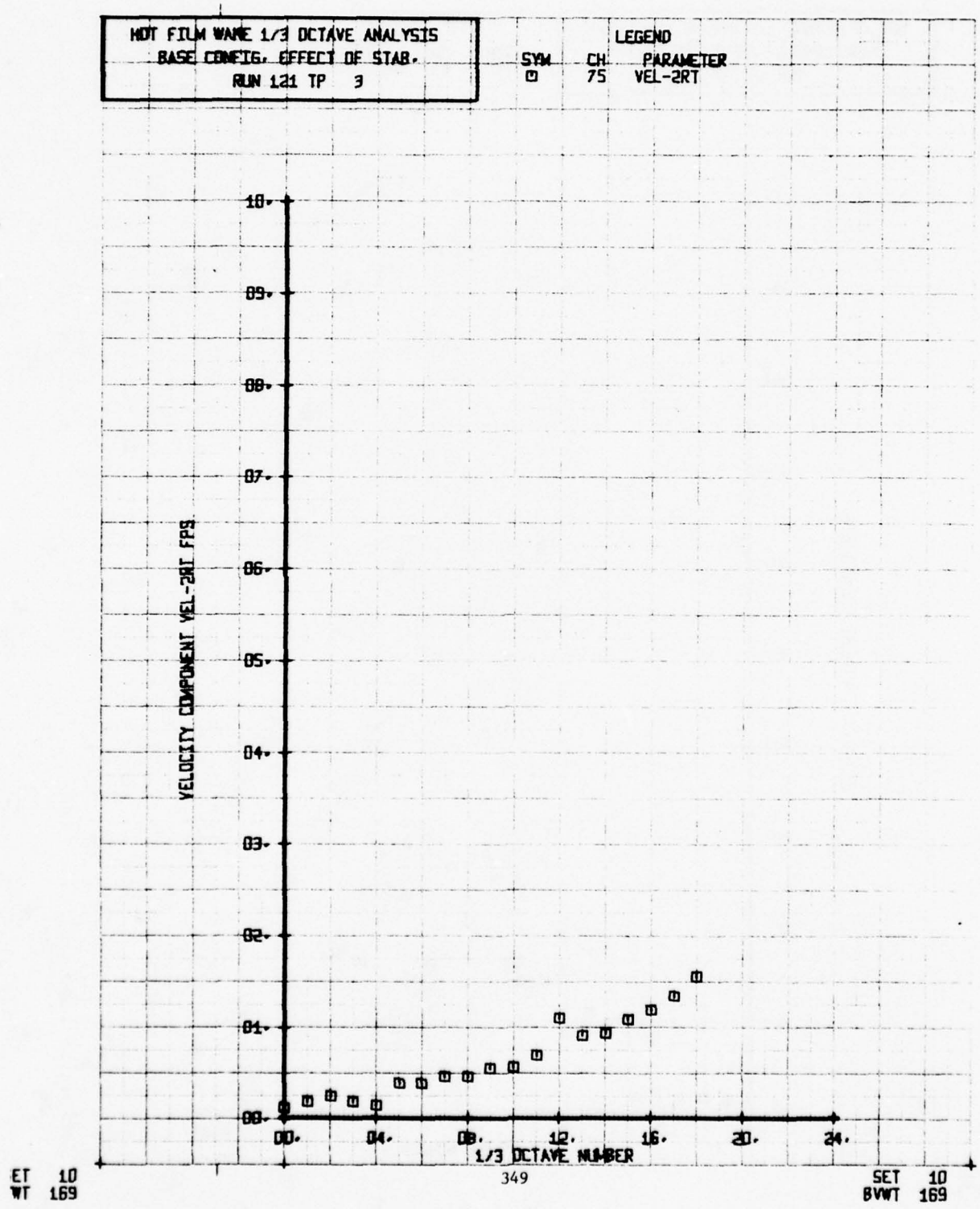

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 4
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
00.
01.
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1/3 OCTAVE NUMBER

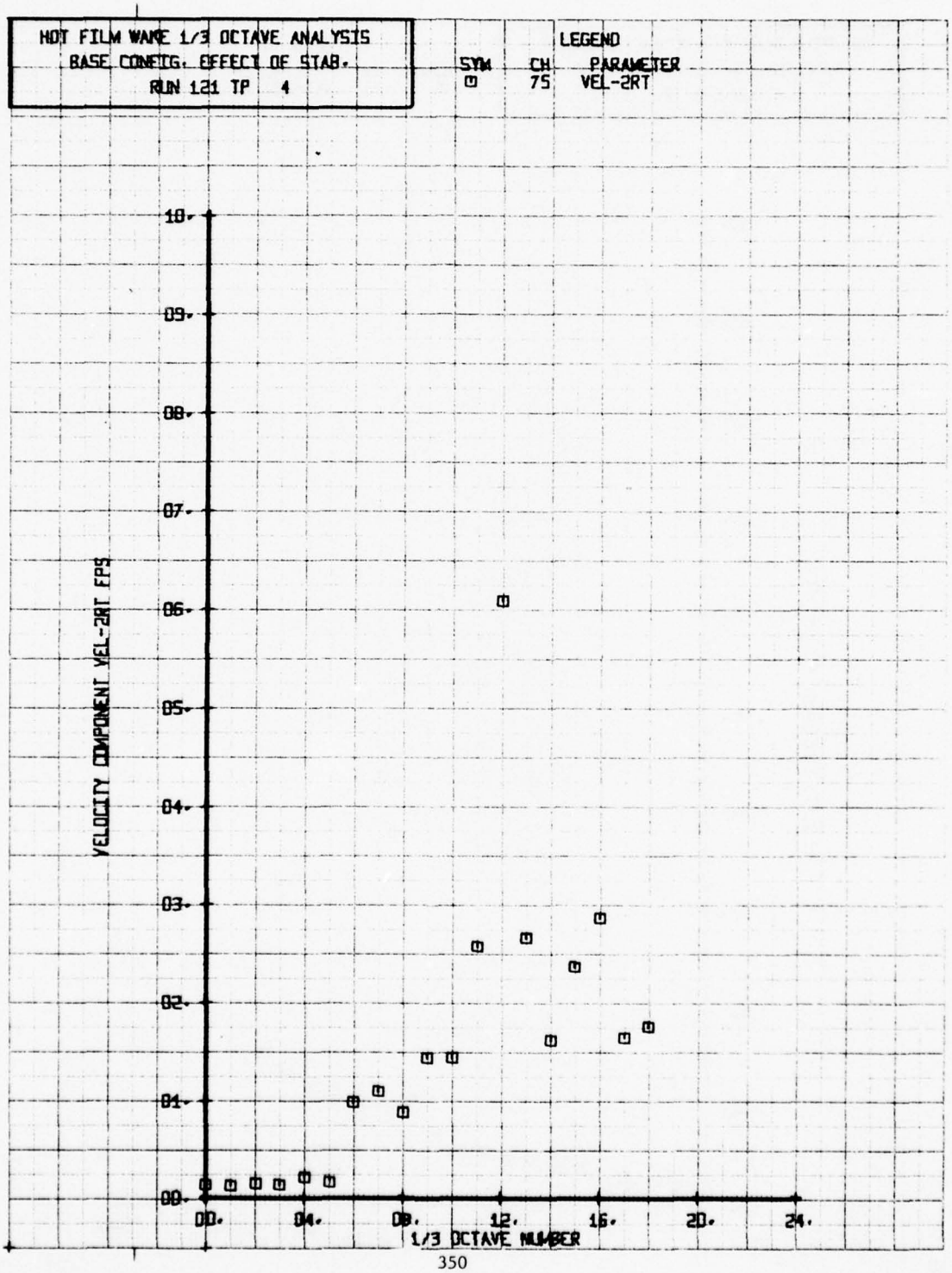
ET 10
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 6
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
10.
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04.
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16.
20.
24.
1/3 OCTAVE NUMBER

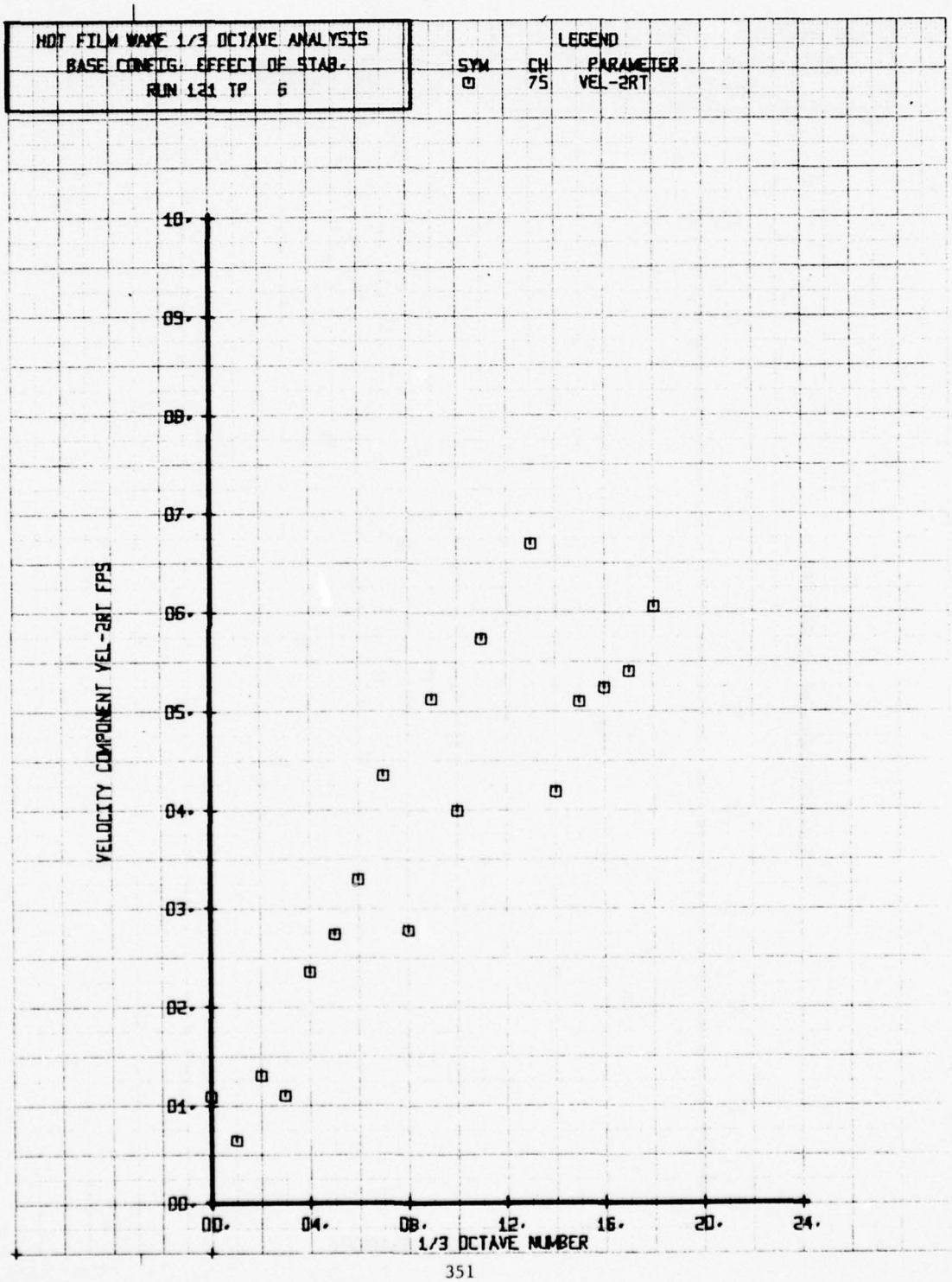

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 8
LEGEND
SYM CH PARAMETER
71 VEL-3RT
VELOCITY COMPONENT VEL-3RT FPS
1/3 OCTAVE NUMBER
10.
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03.
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12.
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24.

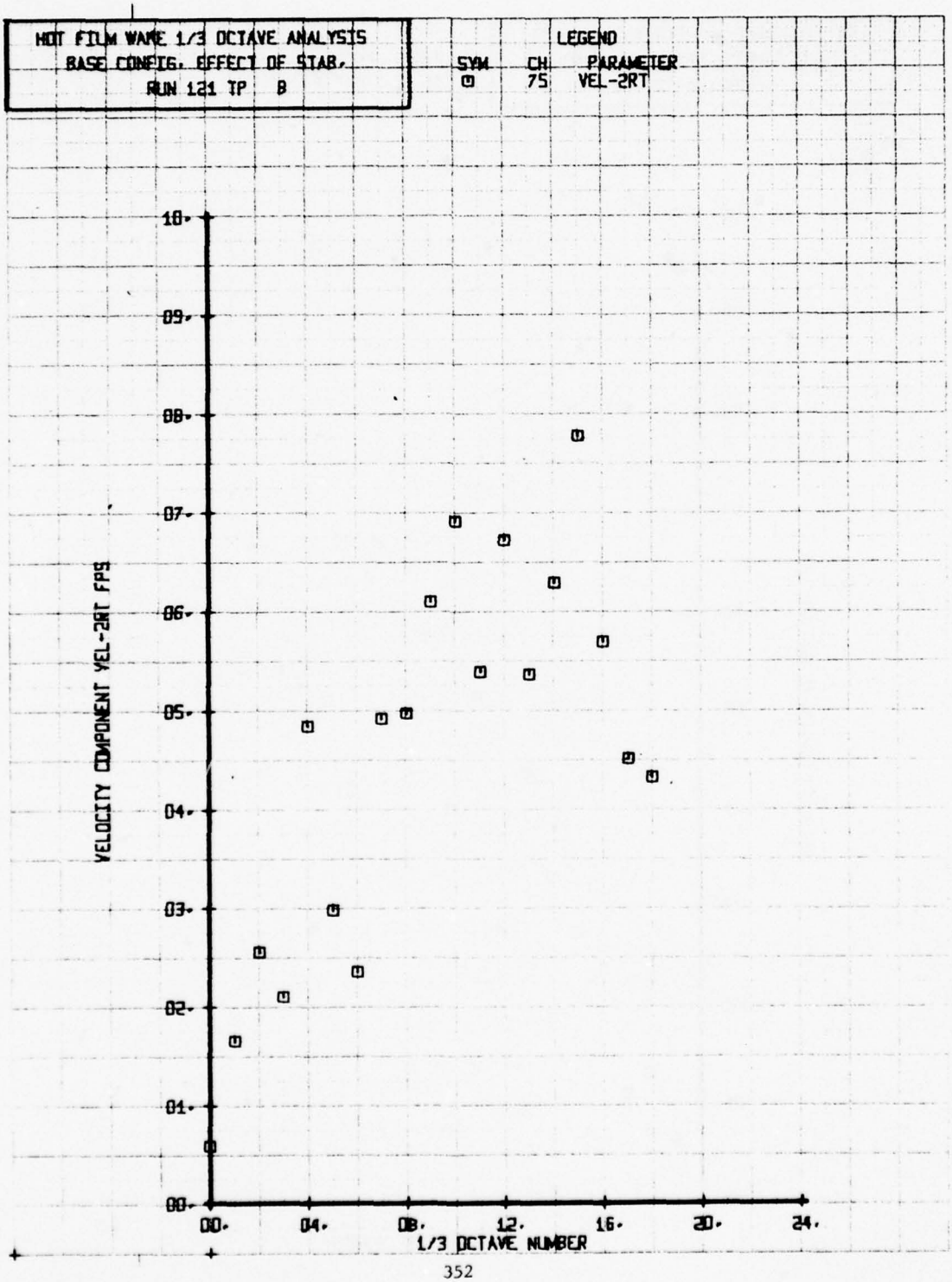

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 10
LEGEND
SYM CH PARAMETER
71 VEL-3RT
10.
09.
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VELOCITY COMPONENT VEL-3RT FPS
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16.
20.
24.
1/3 OCTAVE NUMBER
SET 10
BWT 169

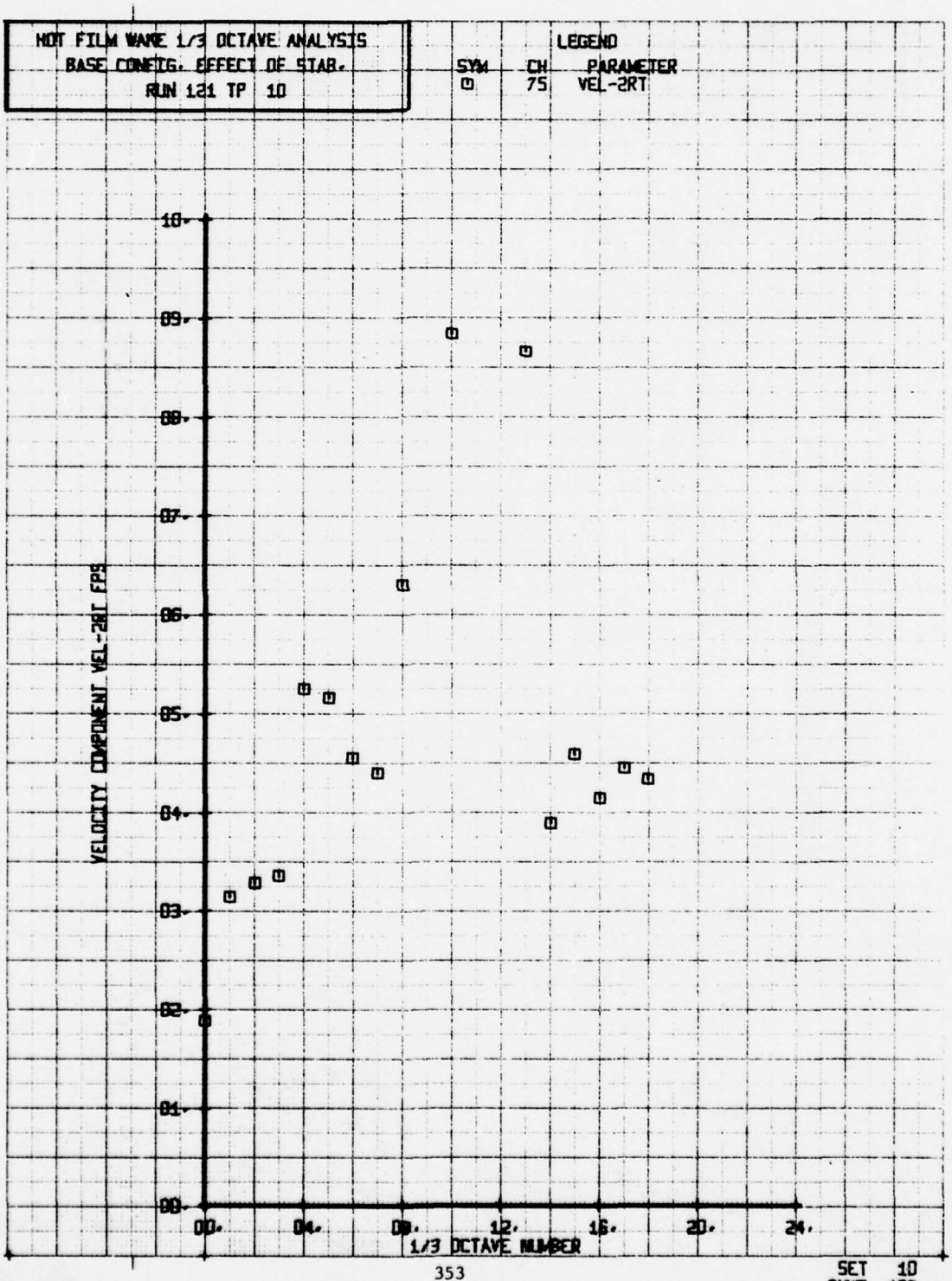

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 3
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
ET 10
WT 169
SET 10
BVWT 169

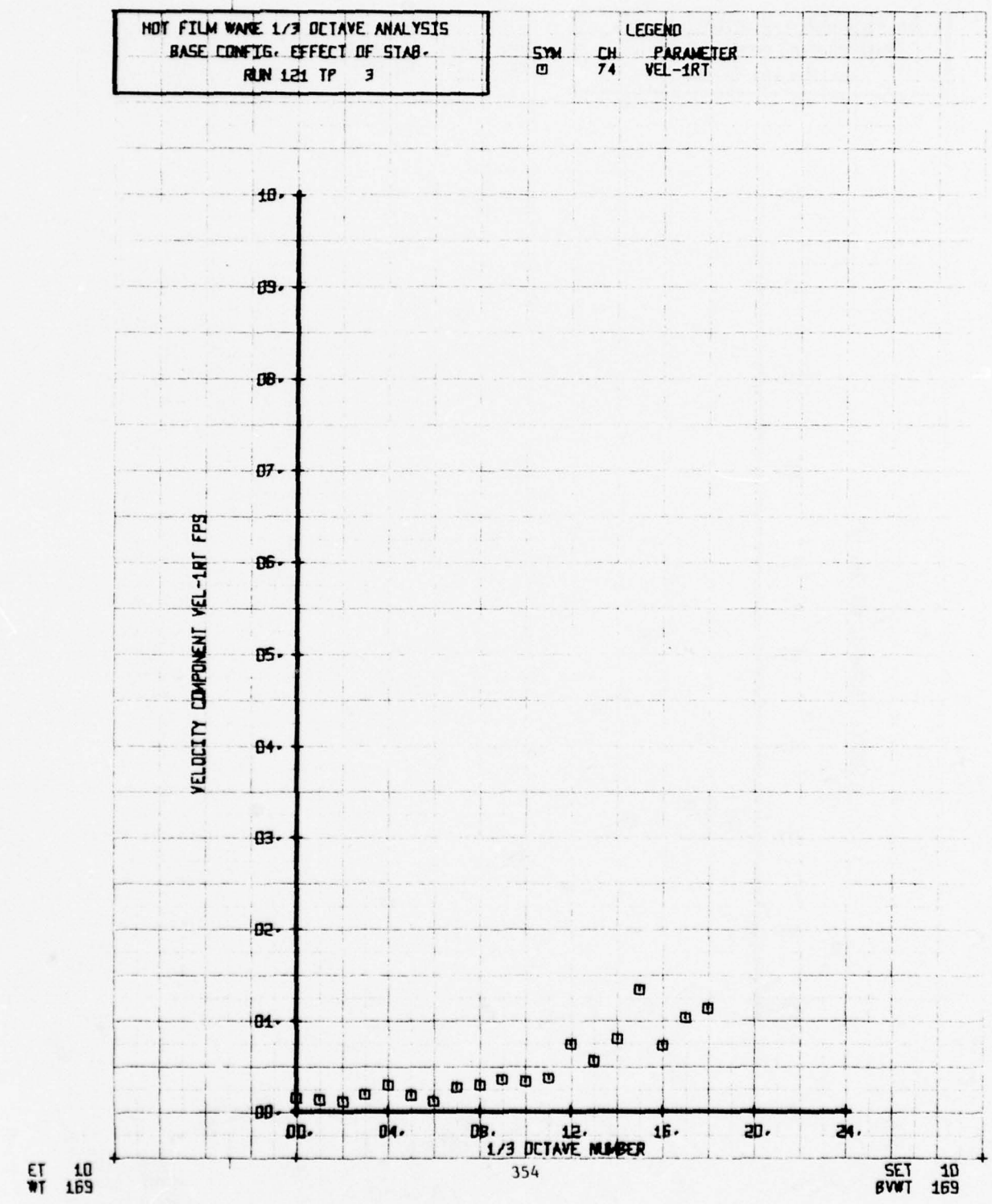

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 4
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
10.
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16.
20.
24.

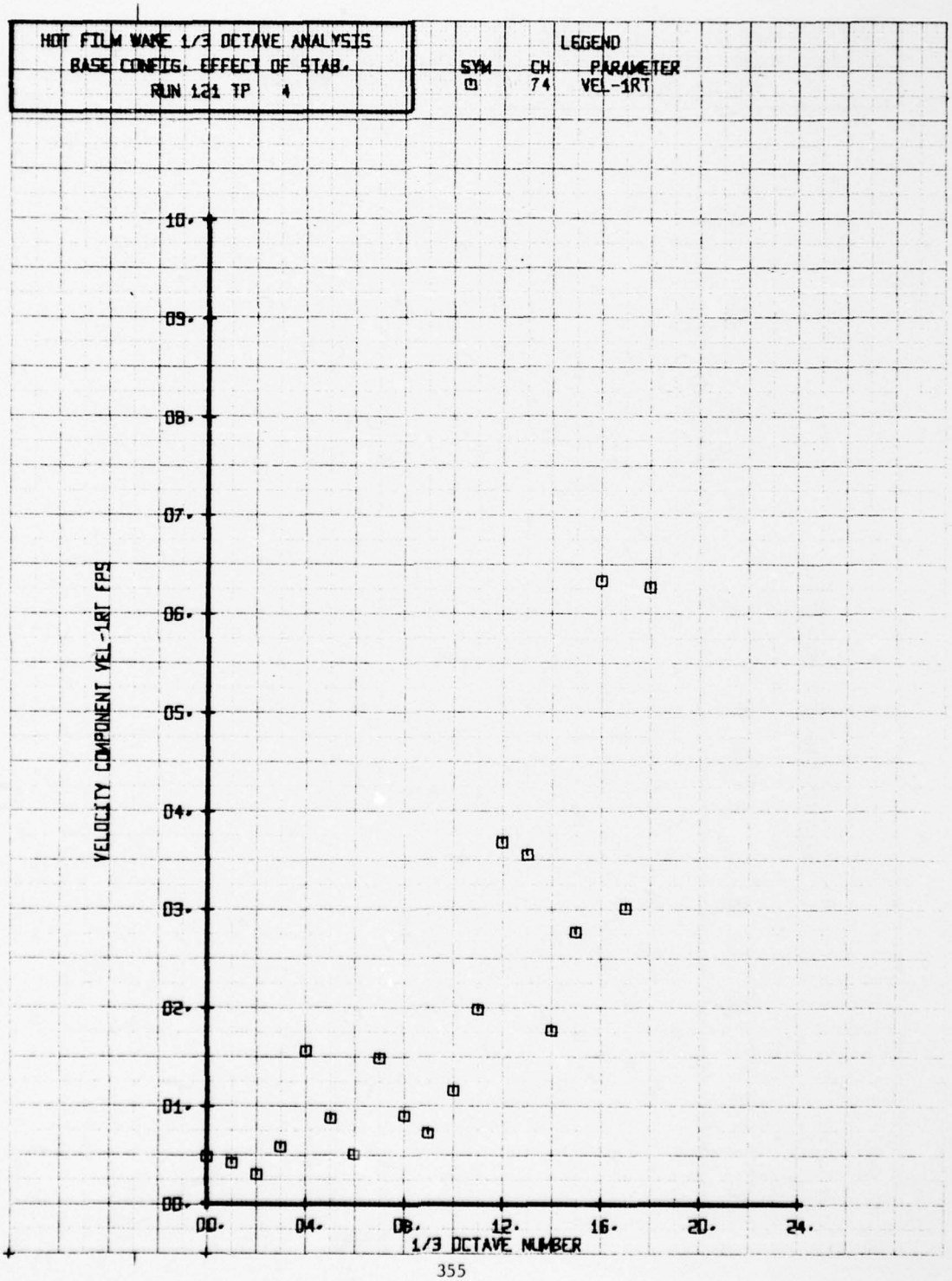
ET 10
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 6
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
00.
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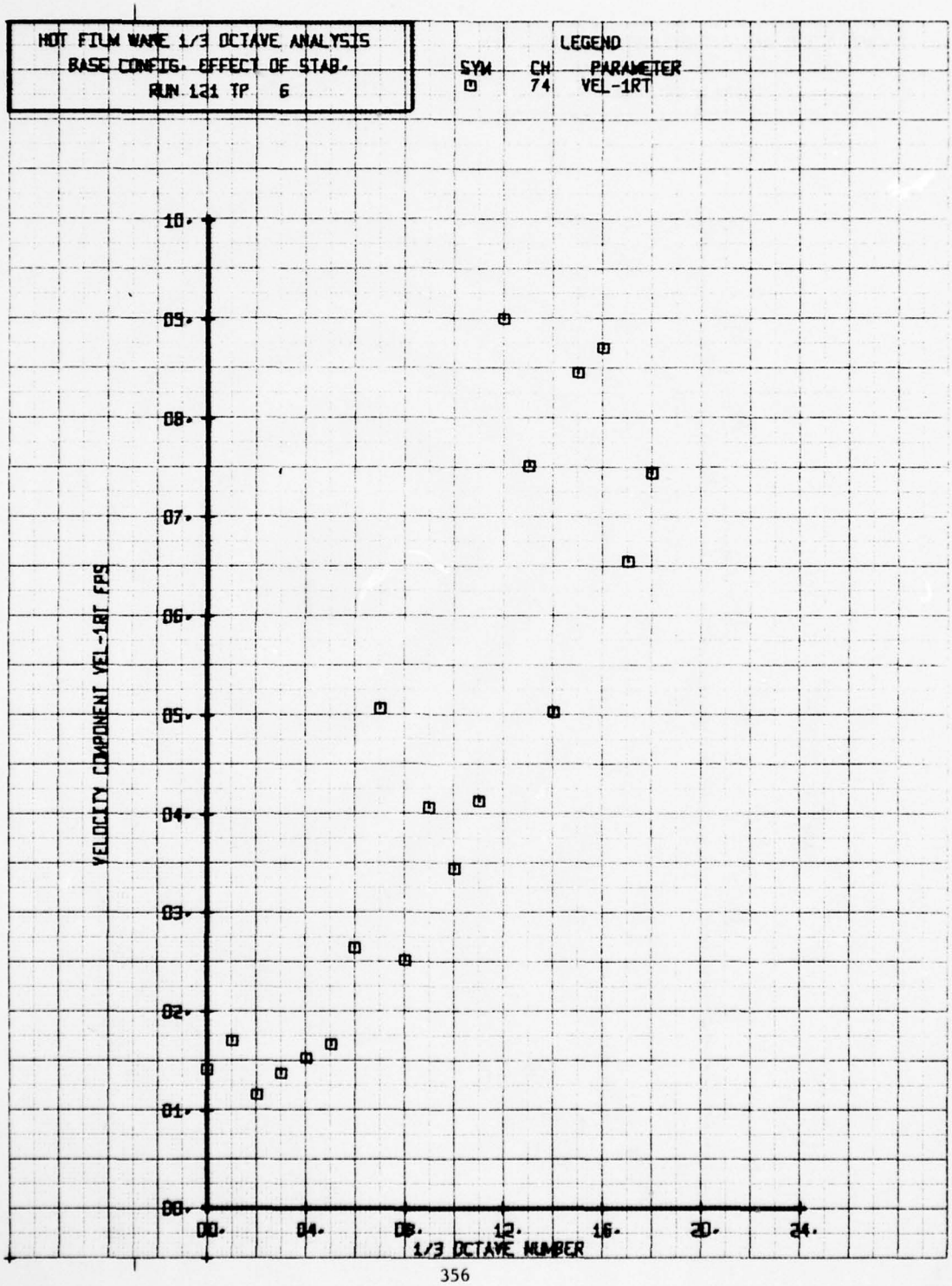

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 8
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
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24.

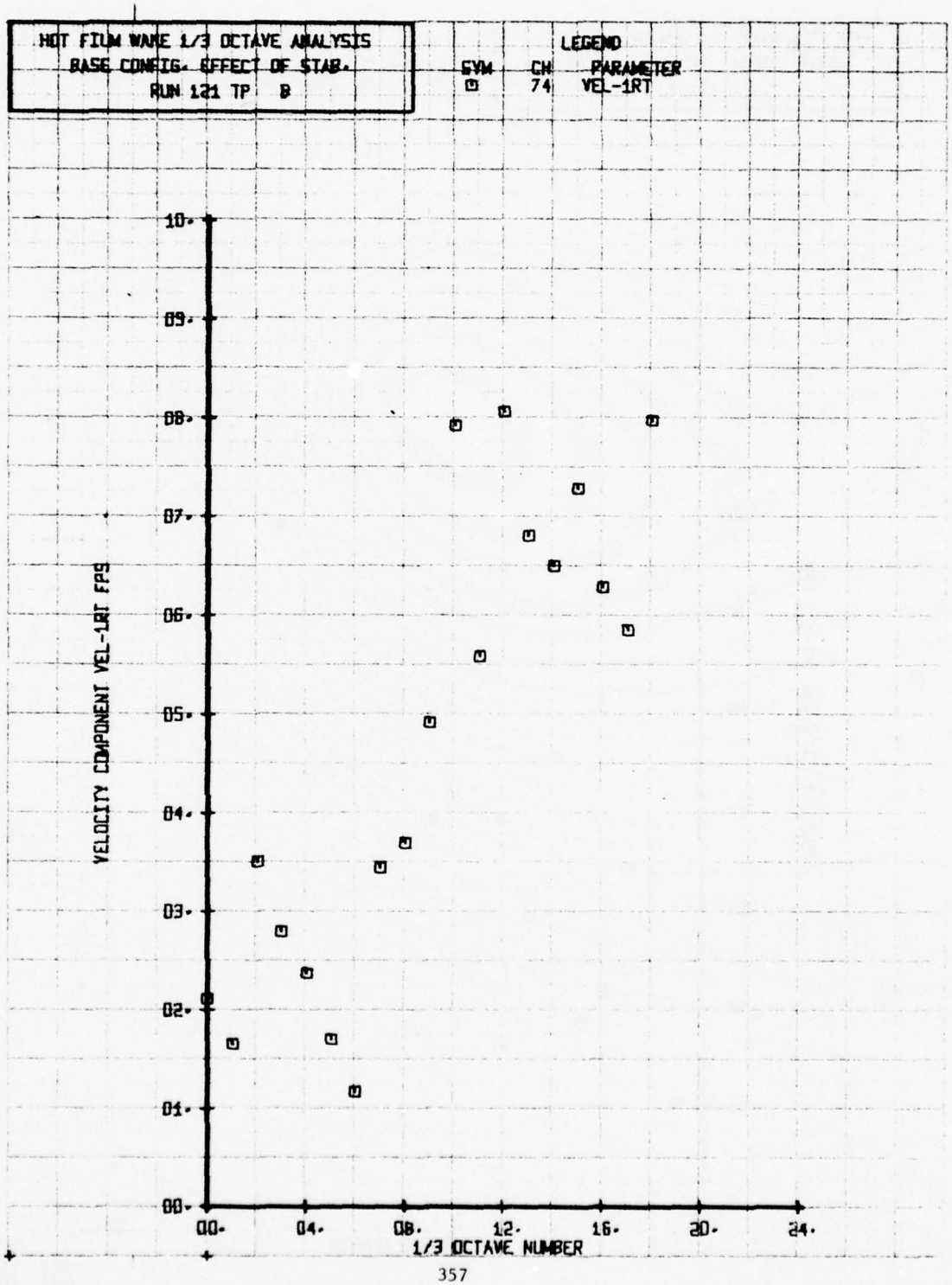

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 10
LEGEND
SYM CH PARAMETER
75 VEL-2RT
VELOCITY COMPONENT VEL-2RT FPS
1/3 OCTAVE NUMBER
SET 10
BVWT 169

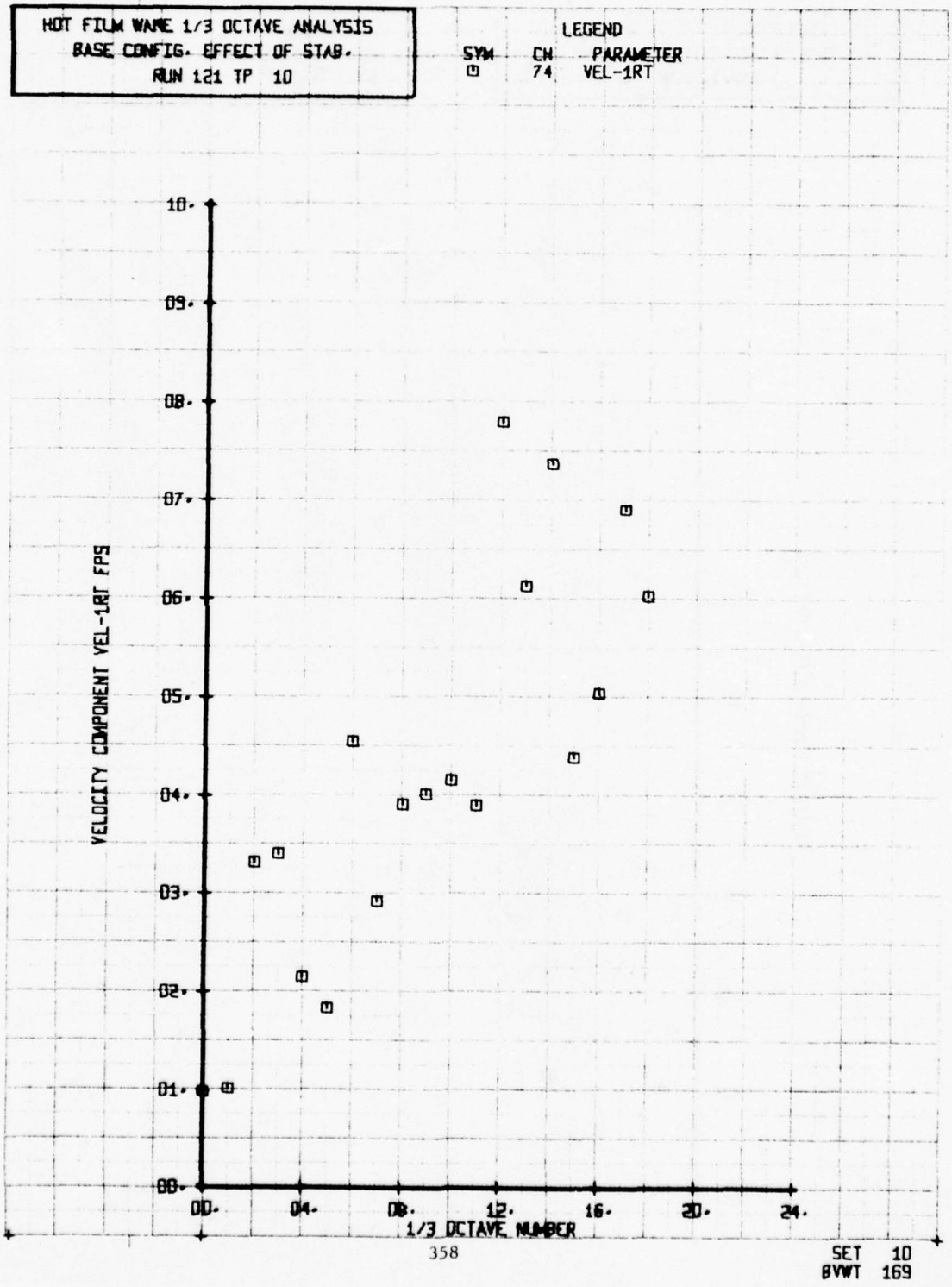

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 3
LEGEND
SYM CH PARAMETER
74 VEL-1RT
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VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER
ET 10
WT 169
SET 10
BWT 169

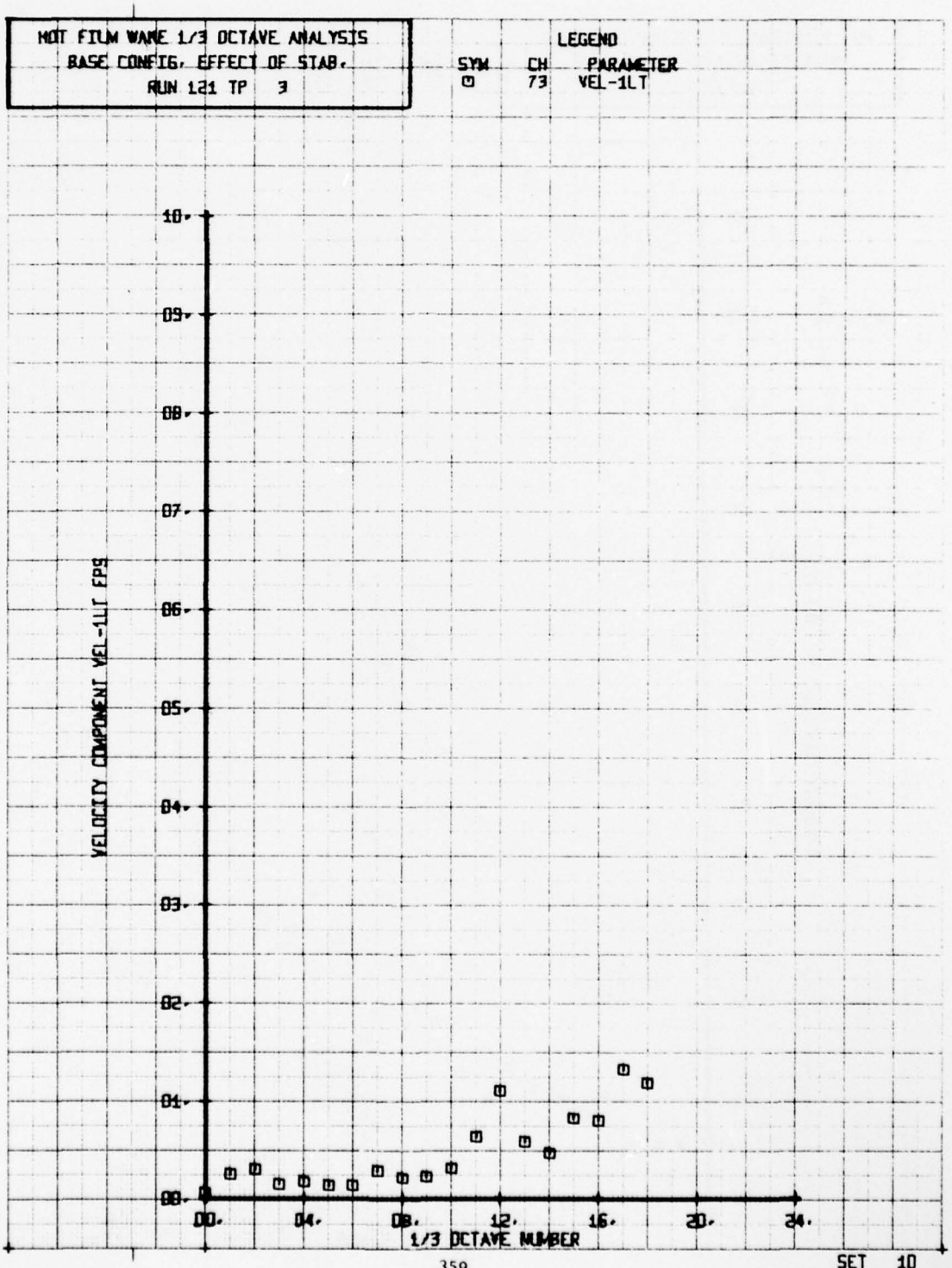

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 4
LEGEND
SYM CH PARAMETER
74 VEL-1RT
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VELOCITY COMPONENT VEL-1RT FPS
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20.
24.
1/3 OCTAVE NUMBER

ET 10
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 6
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
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VELOCITY COMPONENT VEL-1RT FPS
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24.
1/3 OCTAVE NUMBER

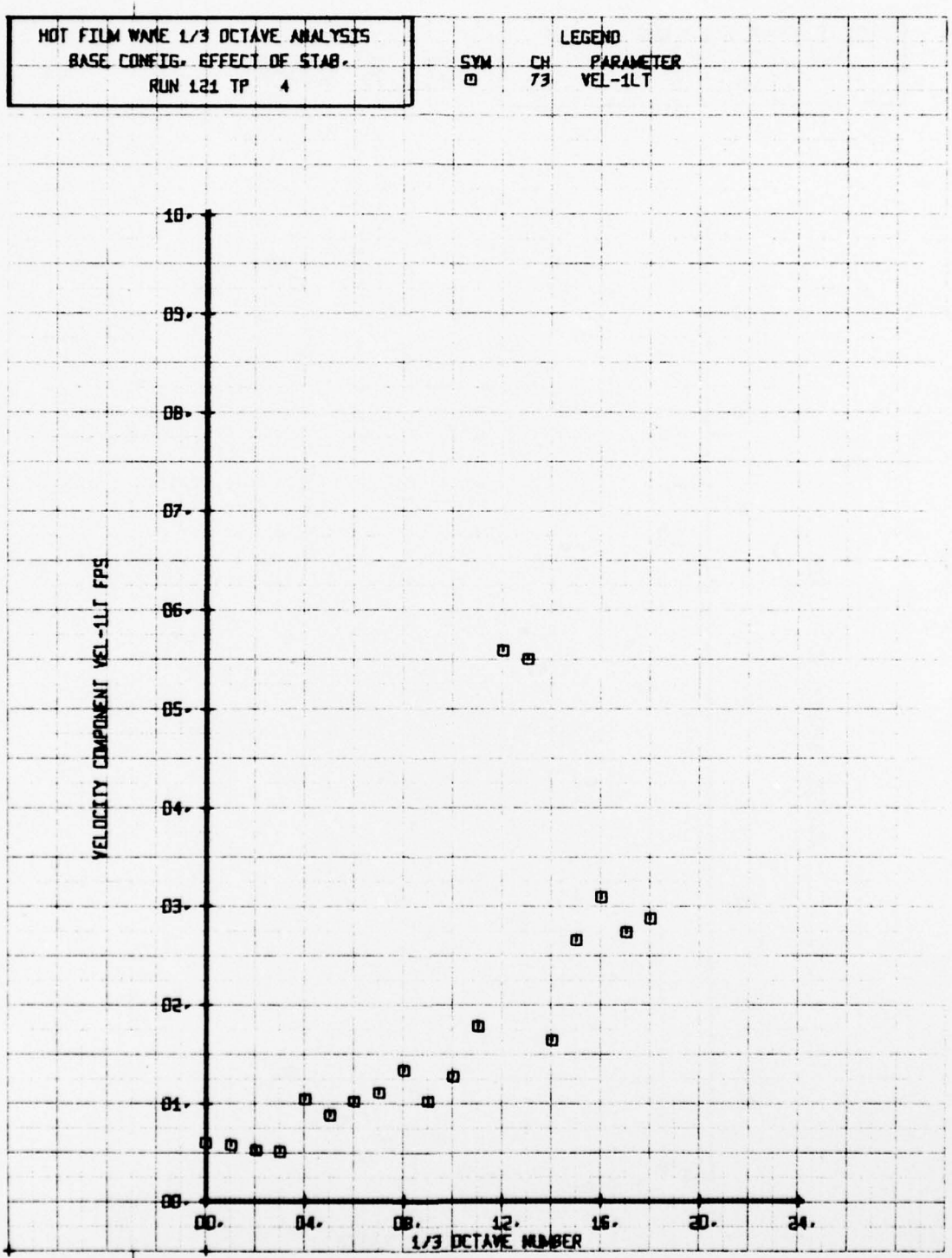

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 8
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
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VELOCITY COMPONENT VEL-1RT FPS
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16.
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24.
1/3 OCTAVE NUMBER


HOT FILM WARE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 10
LEGEND
SYM CH PARAMETER
74 VEL-1RT
10.
09.
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VELOCITY COMPONENT VEL-1RT FPS
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16.
20.
24.
1/3 OCTAVE NUMBER
SET 10
BVWT 169

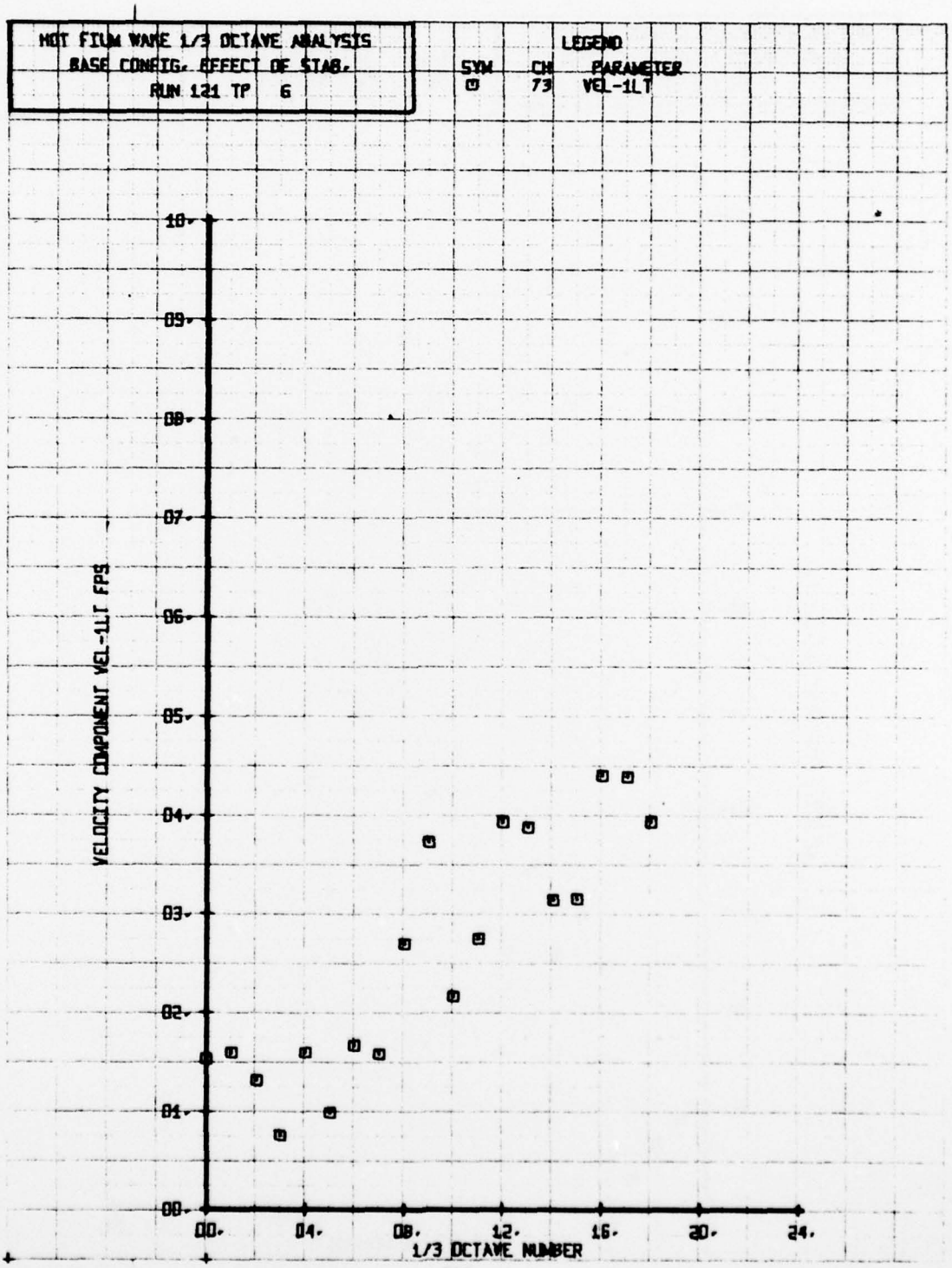


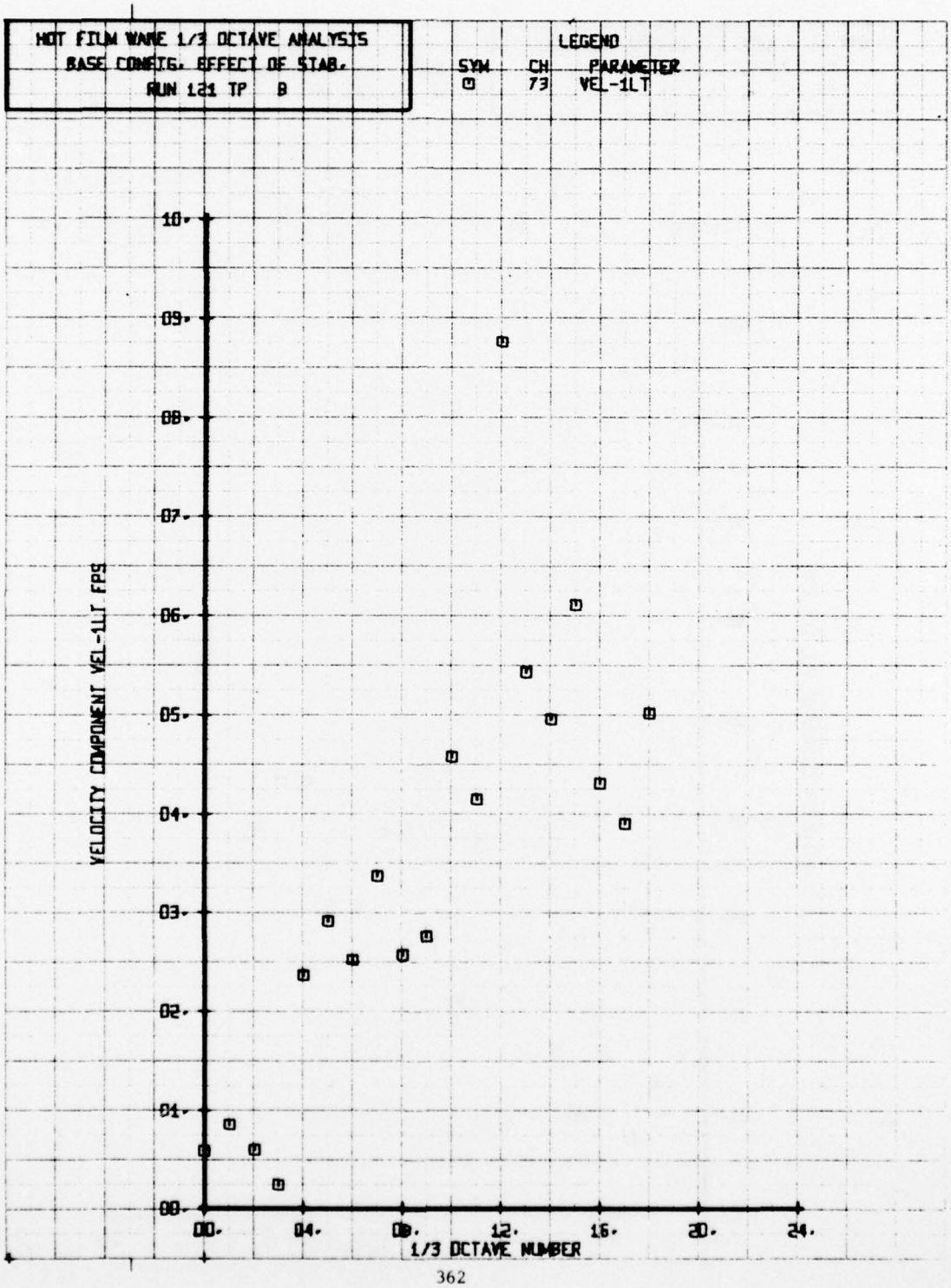
SET 10
WT 169

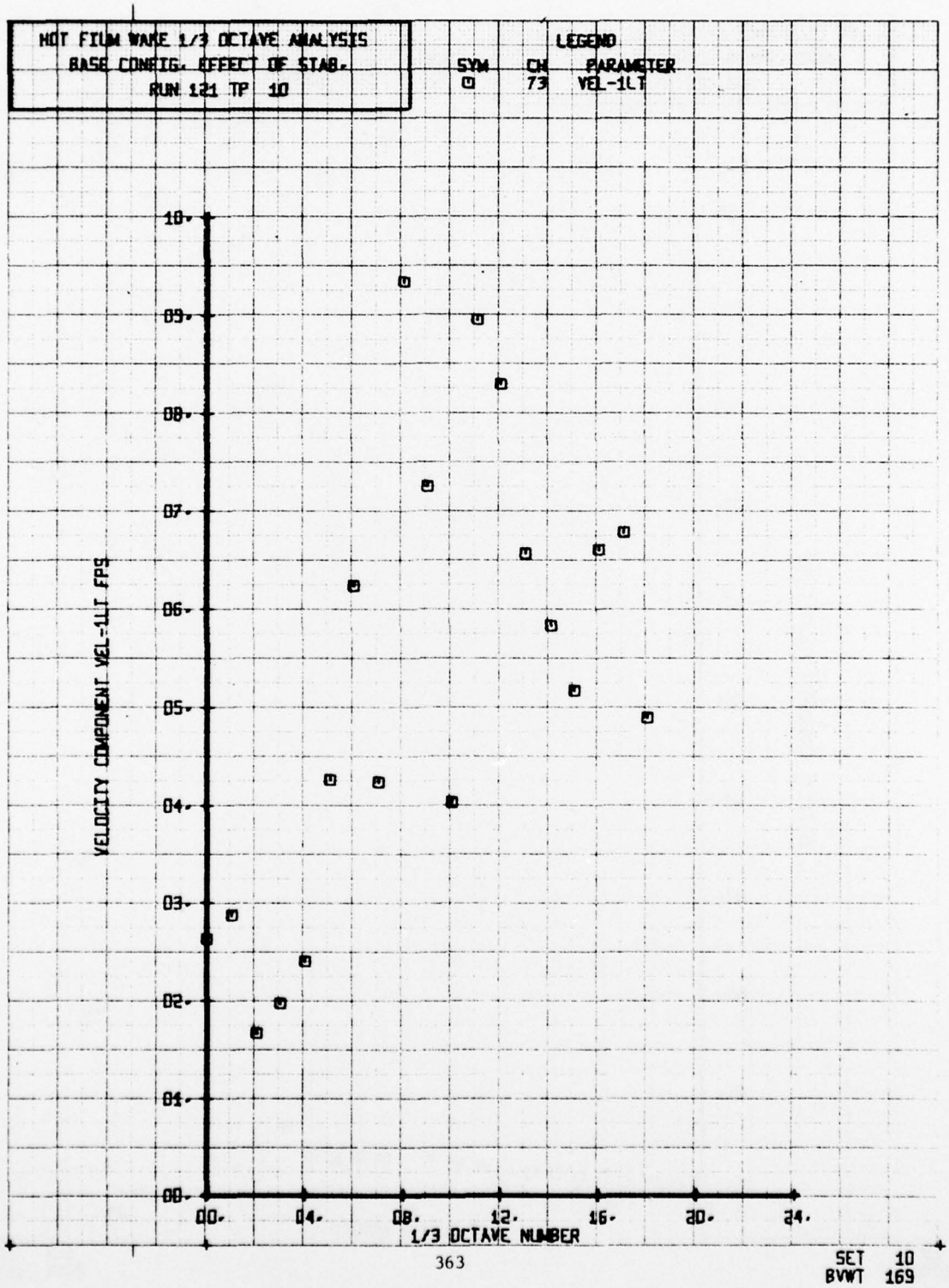
SET 10
BVWT 169

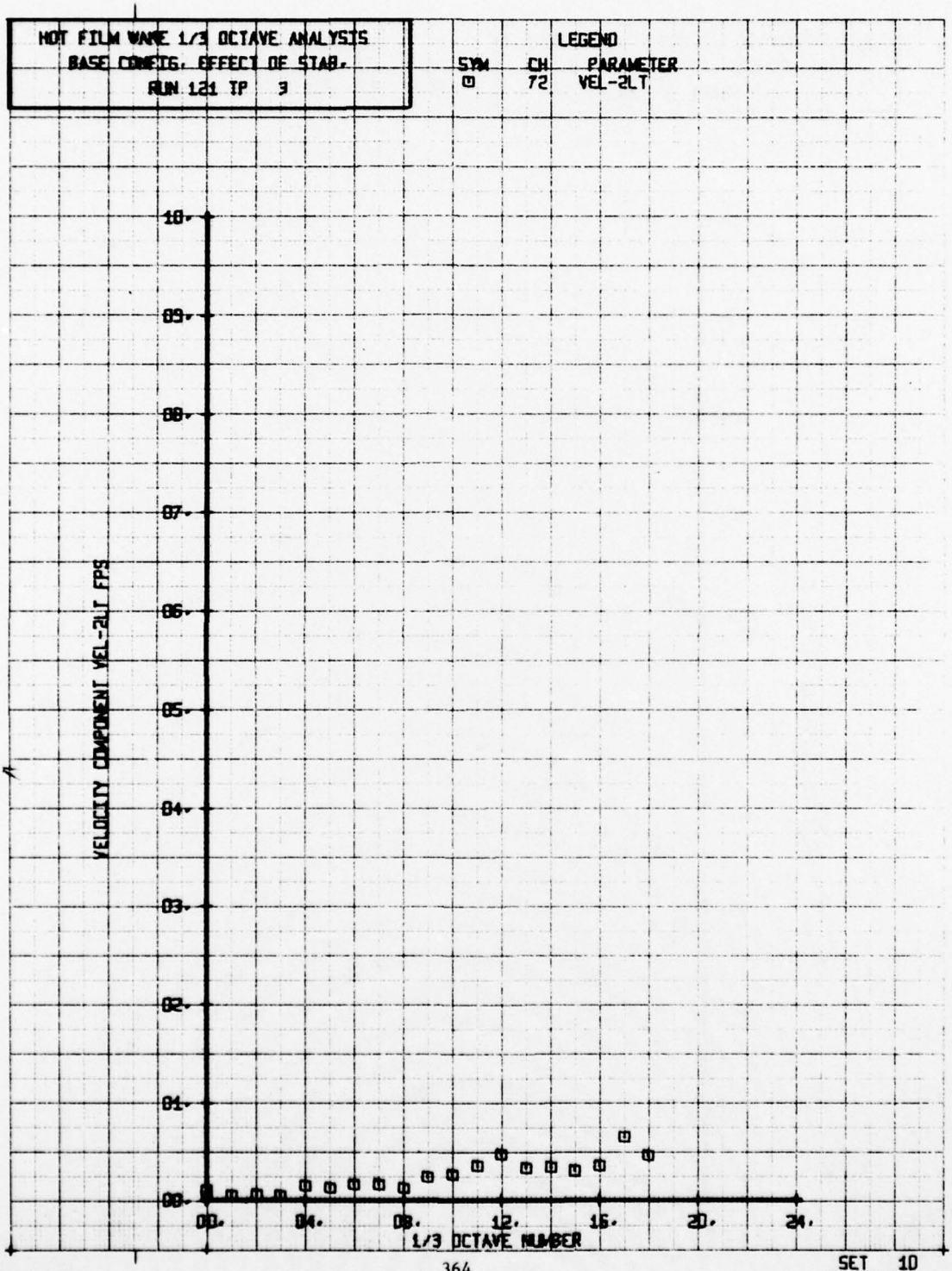

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 4
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
1/3 OCTAVE NUMBER
10.
09.
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16.
20.
24.

ET 10
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 6
LEGEND
SYM CH PARAMETER
73 VEL-1LT
10.
09.
08.
07.
06.
05.
04.
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VELOCITY COMPONENT VEL-1LT FPS
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04.
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12.
16.
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24.
1/3 OCTAVE NUMBER

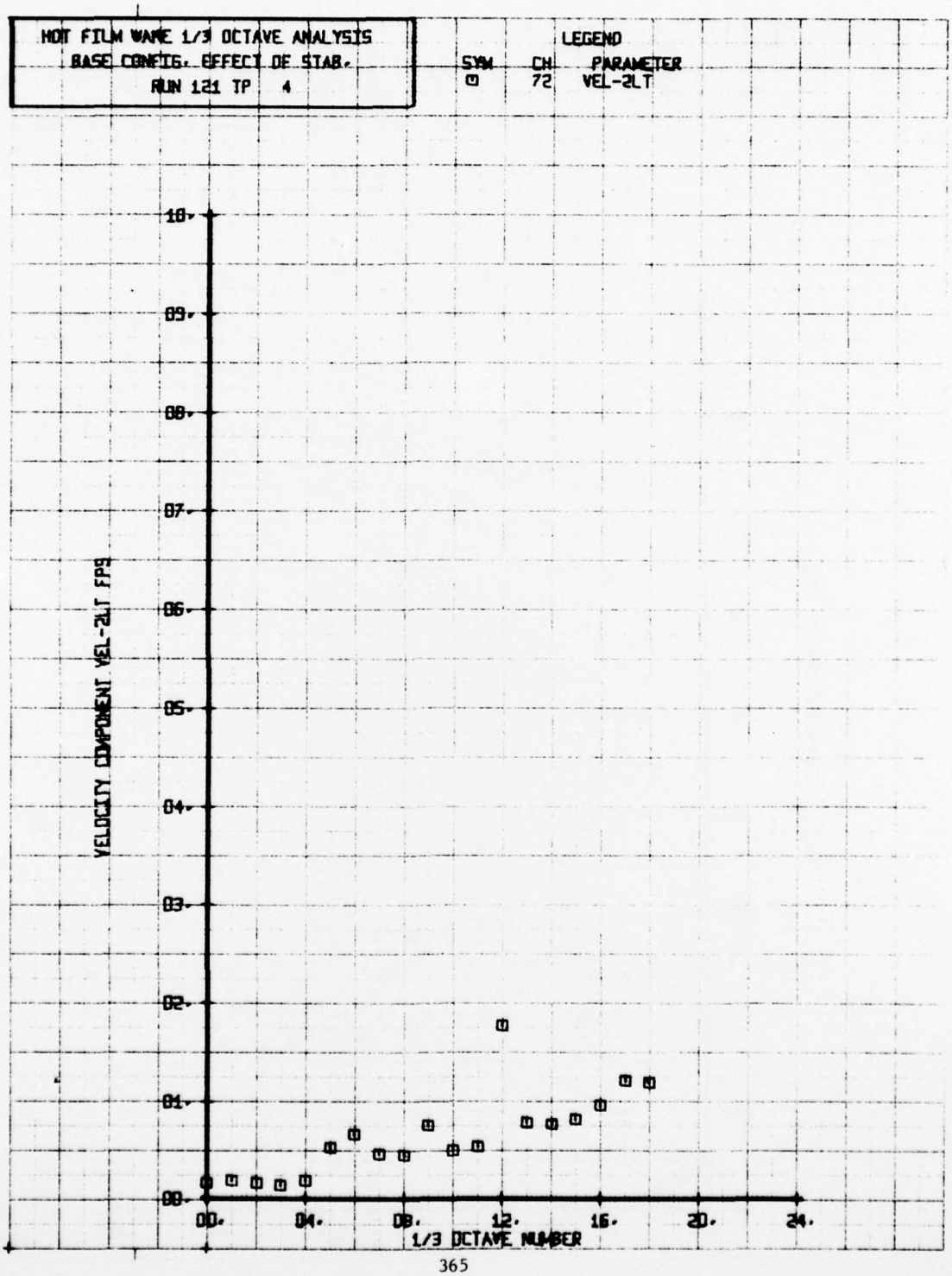

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP B
LEGEND
SYM CH PARAMETER
73 VEL-1LT
10.
09.
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03.
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VELOCITY COMPONENT VEL-1LT FPS
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16.
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 10
LEGEND
SYM CH PARAMETER
73 VEL-1LT
VELOCITY COMPONENT VEL-1LT FPS
10.
09.
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER
SET 10
BVWT 169

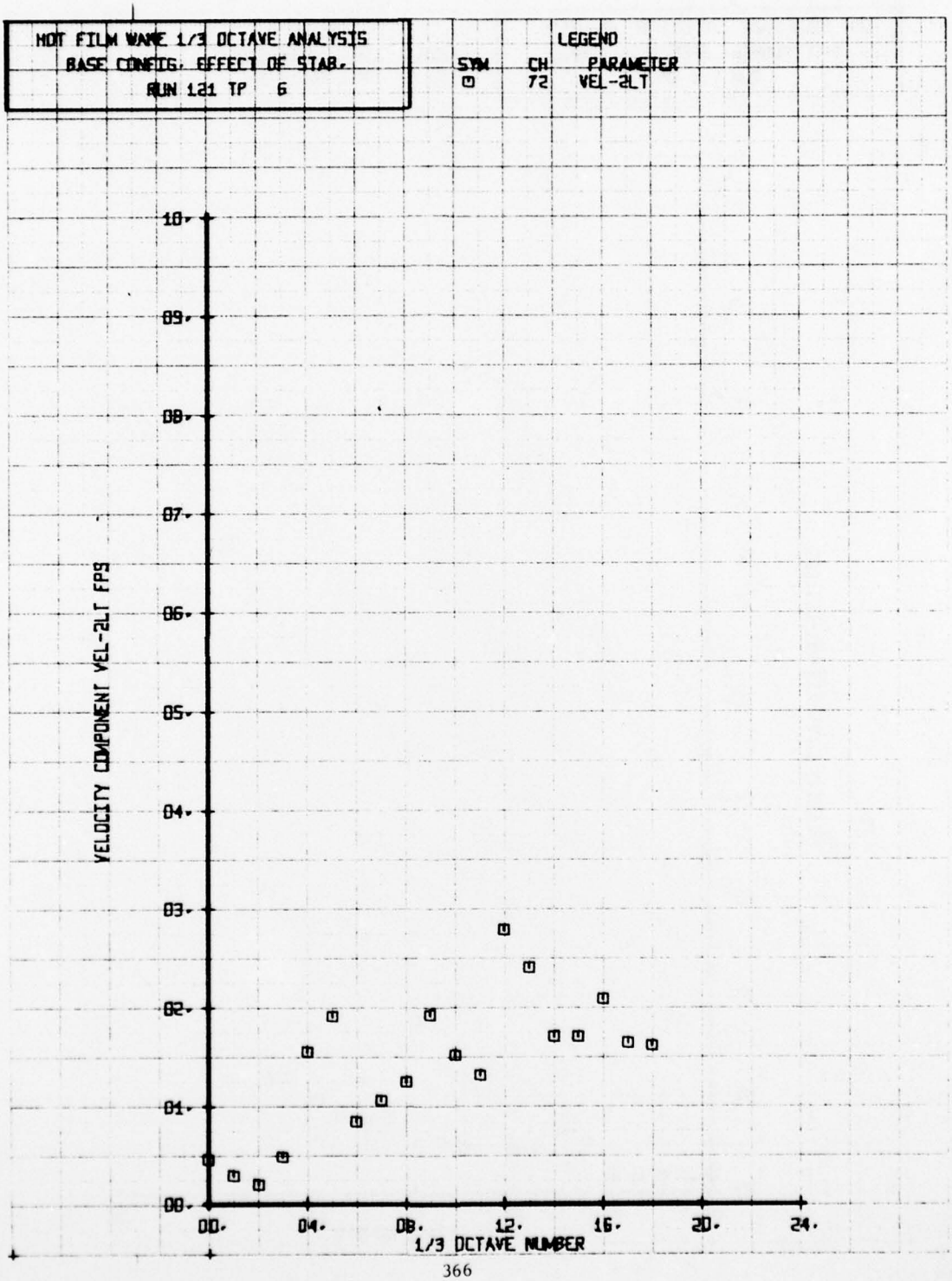


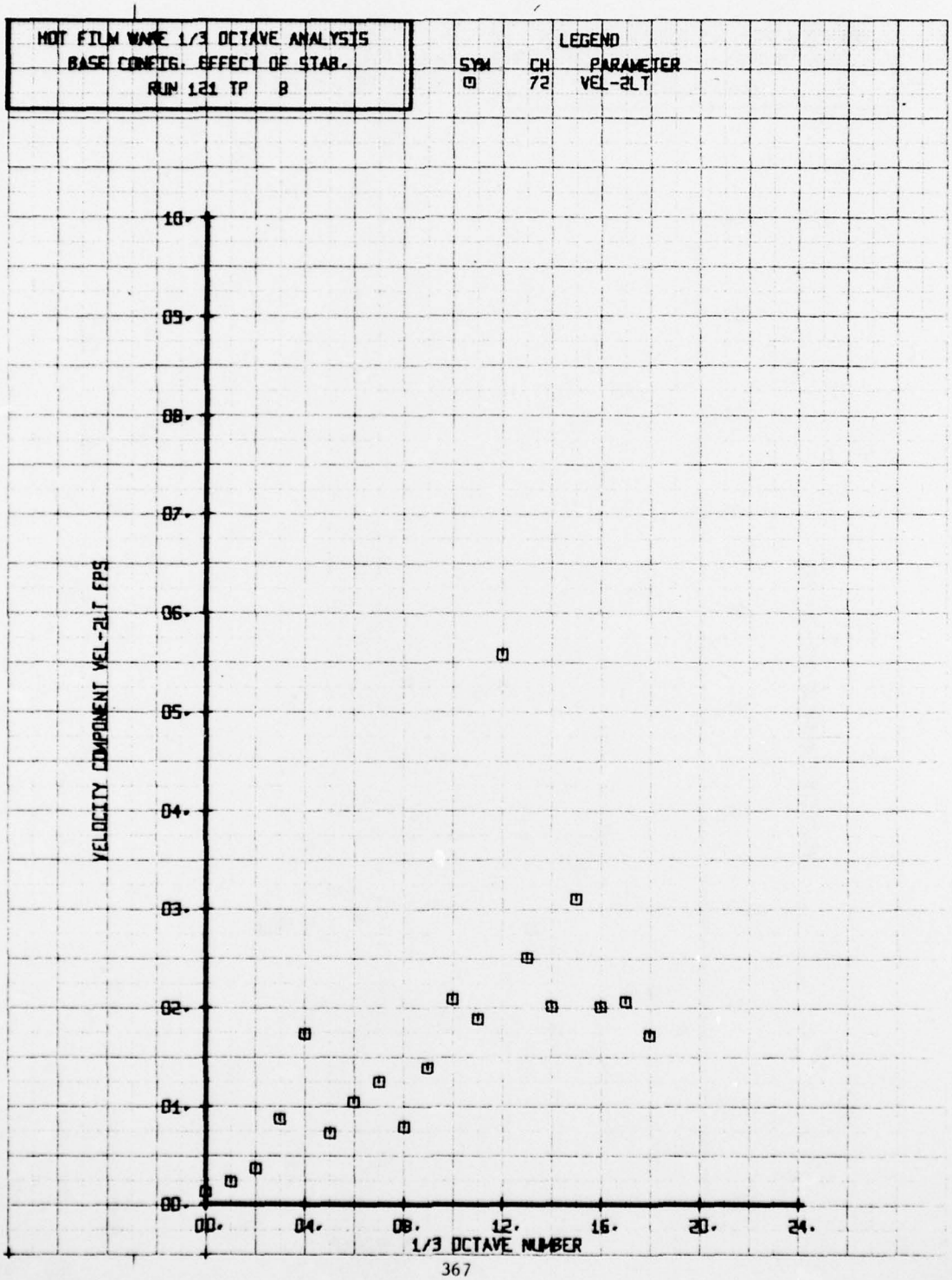
ET 10
WT 169

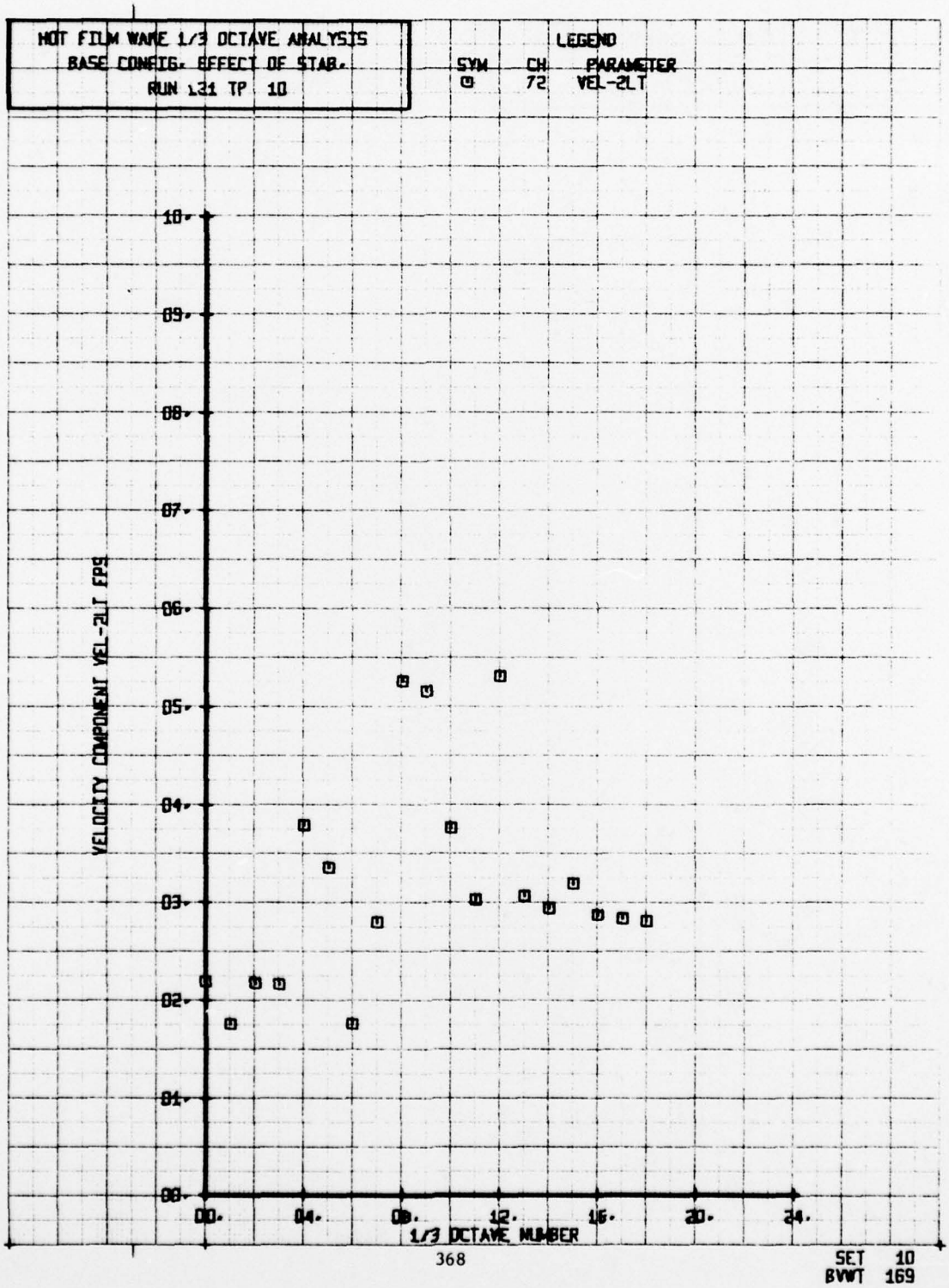
SET 10
BWT 169

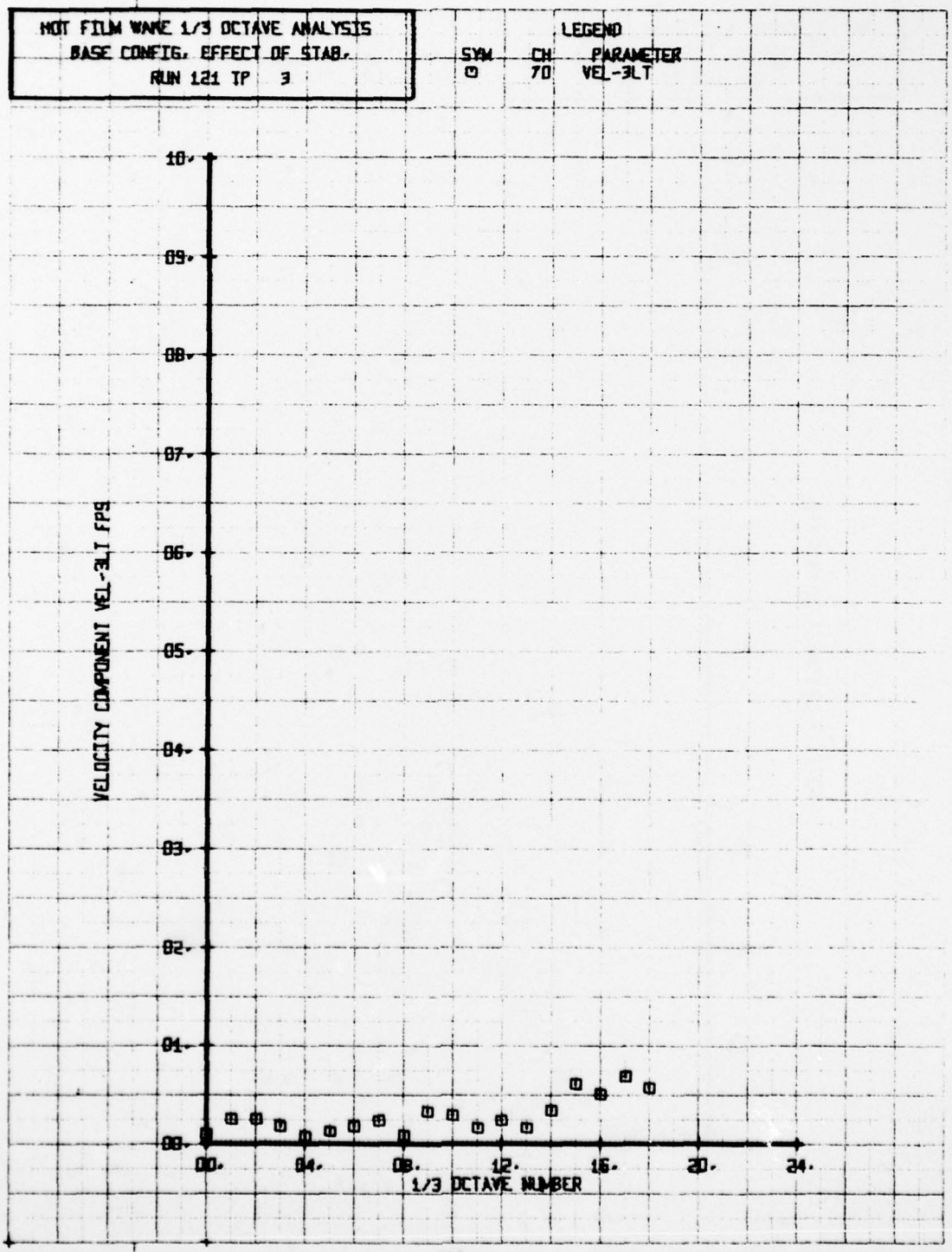

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 4
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
10.
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24.
1/3 OCTAVE NUMBER

ET 10
WT 169

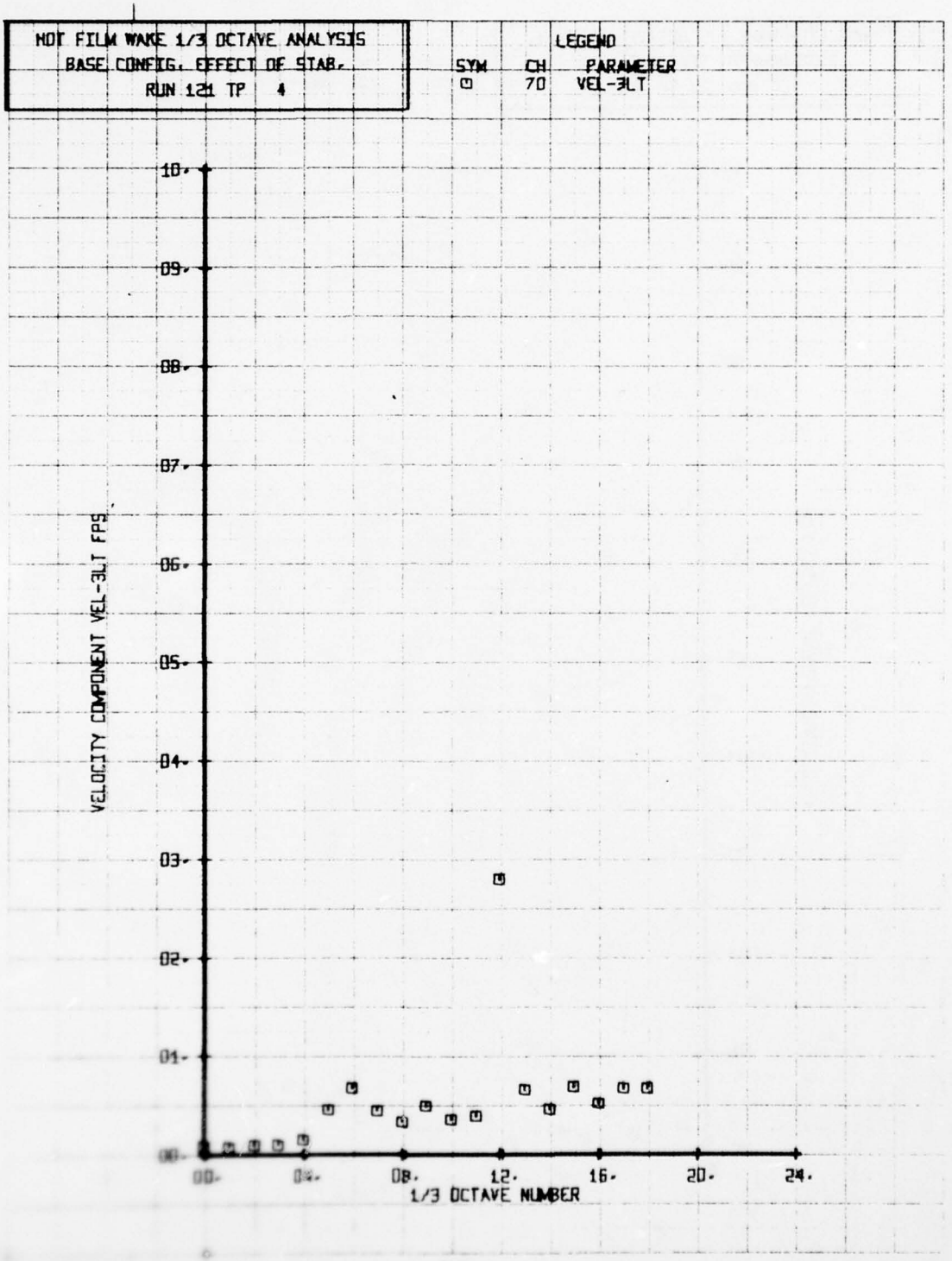

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 6
LEGEND
SYM CH PARAMETER
72 VEL-2LT
VELOCITY COMPONENT VEL-2LT FPS
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00. 04. 08. 12. 16. 20. 24.
1/3 OCTAVE NUMBER

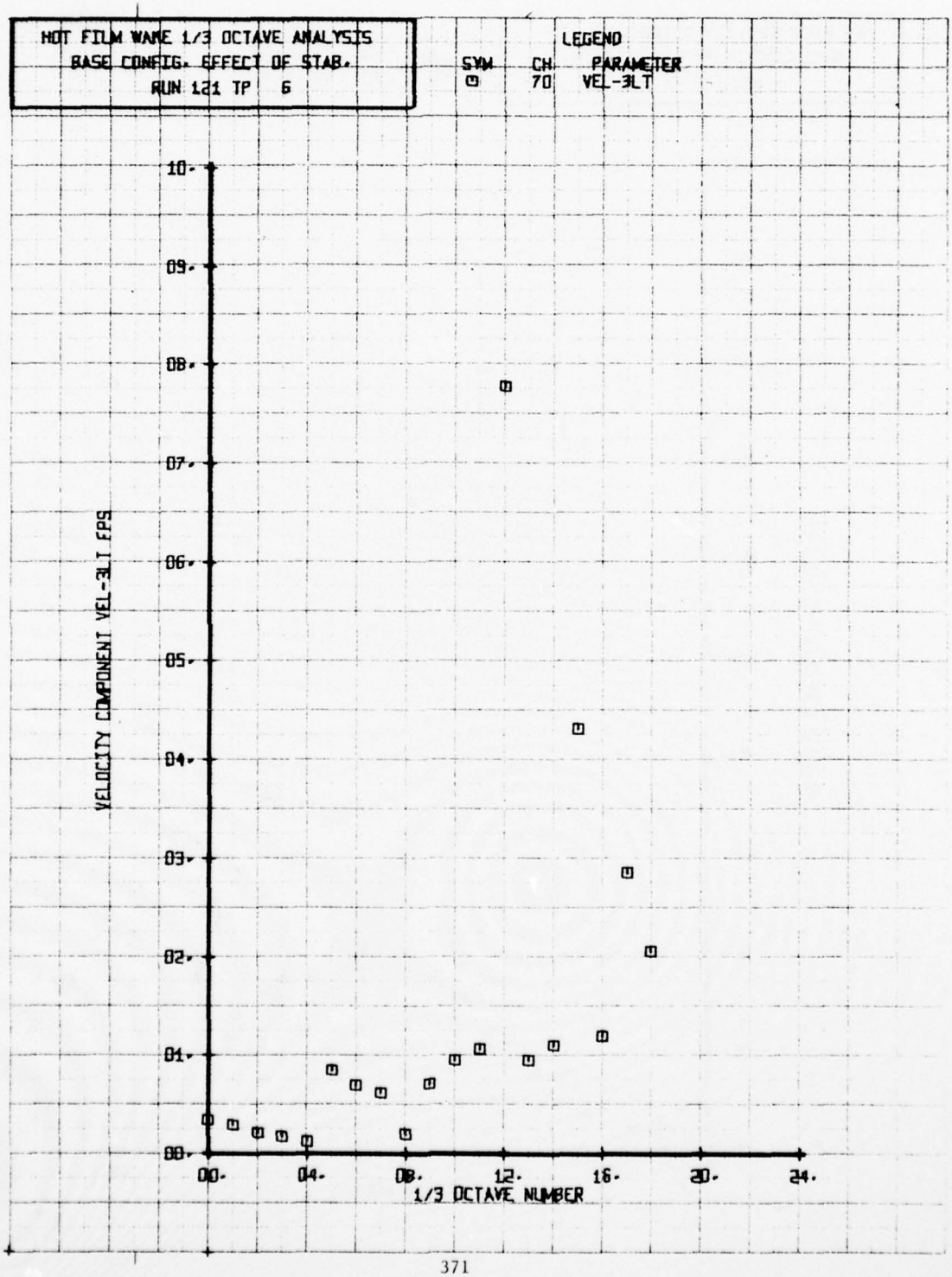

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 8
LEGEND
SYM CH PARAMETER
72 VEL-2LT
10.
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VELOCITY COMPONENT VEL-2LT FPS
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24.
1/3 OCTAVE NUMBER

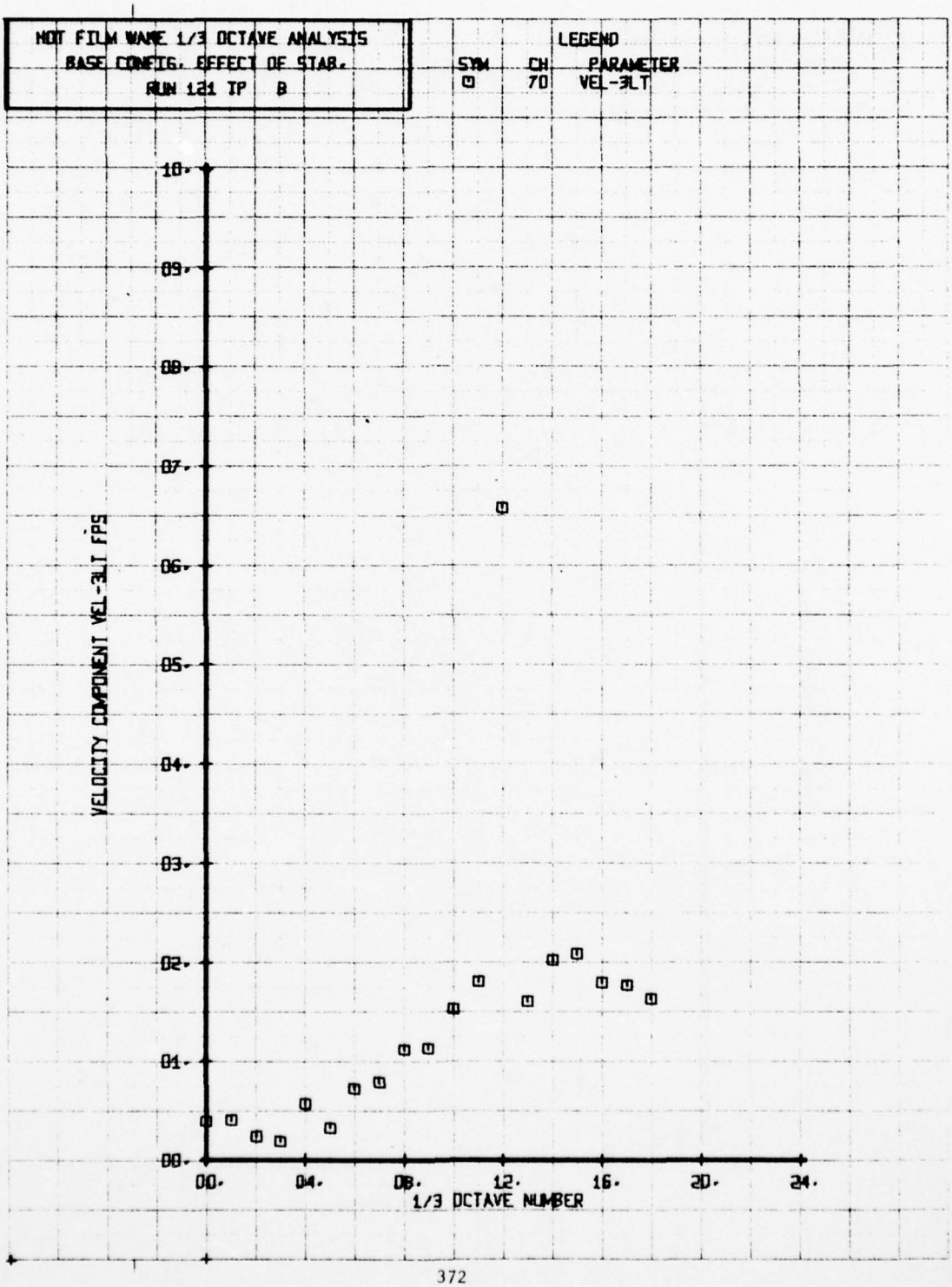

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 10
LEGEND
SYM CH PARAMETER
72 VEL-2LT
10.
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VELOCITY COMPONENT VEL-2LT FPS
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24.
1/3 OCTAVE NUMBER
SET 10
BVWT 169

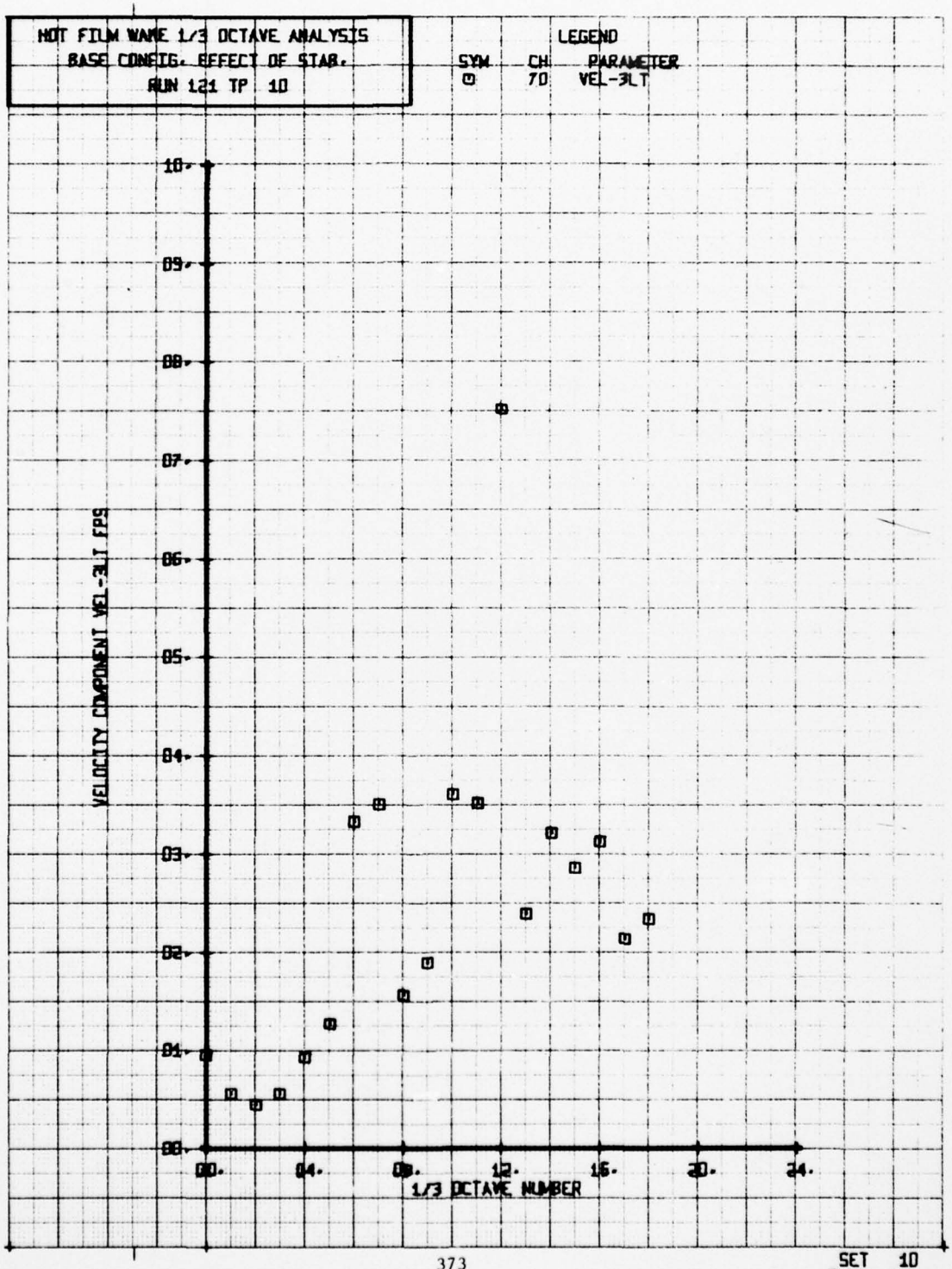

HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 3
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER

ET 10
WT 169


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 4
LEGEND
SYM CH PARAMETER
70 VEL-3LT
10.
09.
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VELOCITY COMPONENT VEL-3LT FPS
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24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 6
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
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16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 8
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
10.
09.
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12.
16.
20.
24.
1/3 OCTAVE NUMBER


HOT FILM WAKE 1/3 OCTAVE ANALYSIS
BASE CONFIG. EFFECT OF STAB.
RUN 121 TP 10
LEGEND
SYM CH PARAMETER
70 VEL-3LT
VELOCITY COMPONENT VEL-3LT FPS
1/3 OCTAVE NUMBER
SET 10
BWWT 169

10804-78