

POLYHEDRON LABORATORIES®, INC.

PLASTICS, POLYMERS and RUBBER TESTING

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February 3, 2015

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Monterey Bay Aquarium Research Institute (MBARI)

MBARI Building A

7700 Sandholdt Road

Moss Landing, CA 95039-9644

Attn: Mr. Farley F. Shane

Analytical Report

Compression Testing by ASTM D 695

<u>Sample</u>	<u>Compressive Strength</u>		<u>% Compression</u>
	<u>@ Yield (psi)</u>	<u>@ 50% (psi)</u>	<u>@ Yield</u>
Testing Coupon	7162.8	25,906.0	9.60
Cubes	7129.2	25,966.4	9.80
	7340.0	26,602.4	9.20
	7172.0	25,792.0	9.60
	<u>7200.4</u>	<u>26,142.8</u>	<u>9.40</u>
	AV = 7200.9	AV = 26,081.9	AV = 9.52
	± 81.8	± 317.4	± 0.2

Samples oriented with "+" sign down on testing surface.

See enclosed graphs.

Crosshead speed = 0.02"/min


Howard Kaye, Ph.D., FAIC
Director

HK/dr

All samples will be discarded within two months.

POLYHEDRON LABS Lab #35402

Sample : SAMPLE

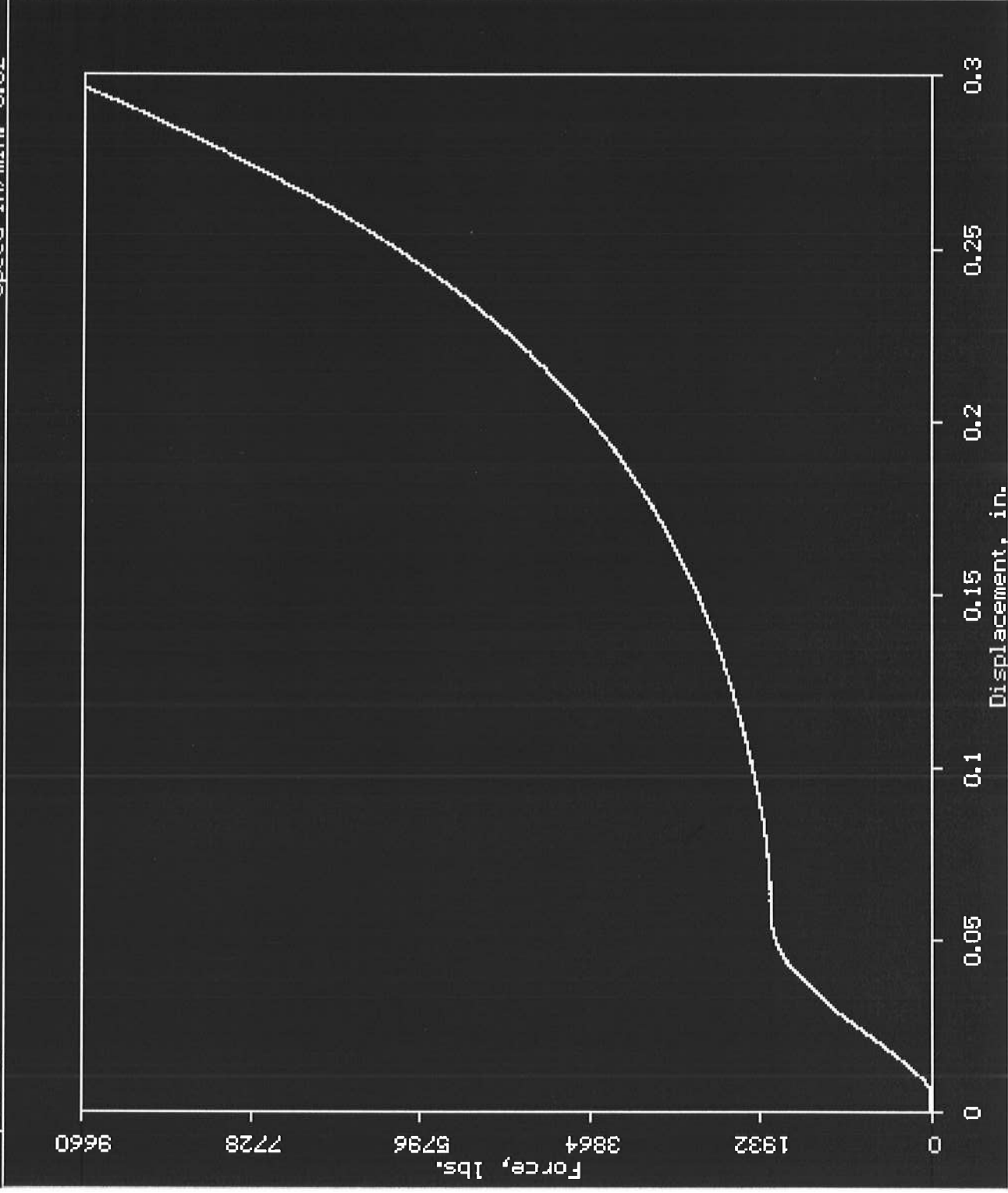
Run # : 1

Range : 10

COMPRESSIVE TESTING

Speed in/min: 0.02

Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit



POLYHEDRON LABS Lab #35402

Sample : SAMPLE

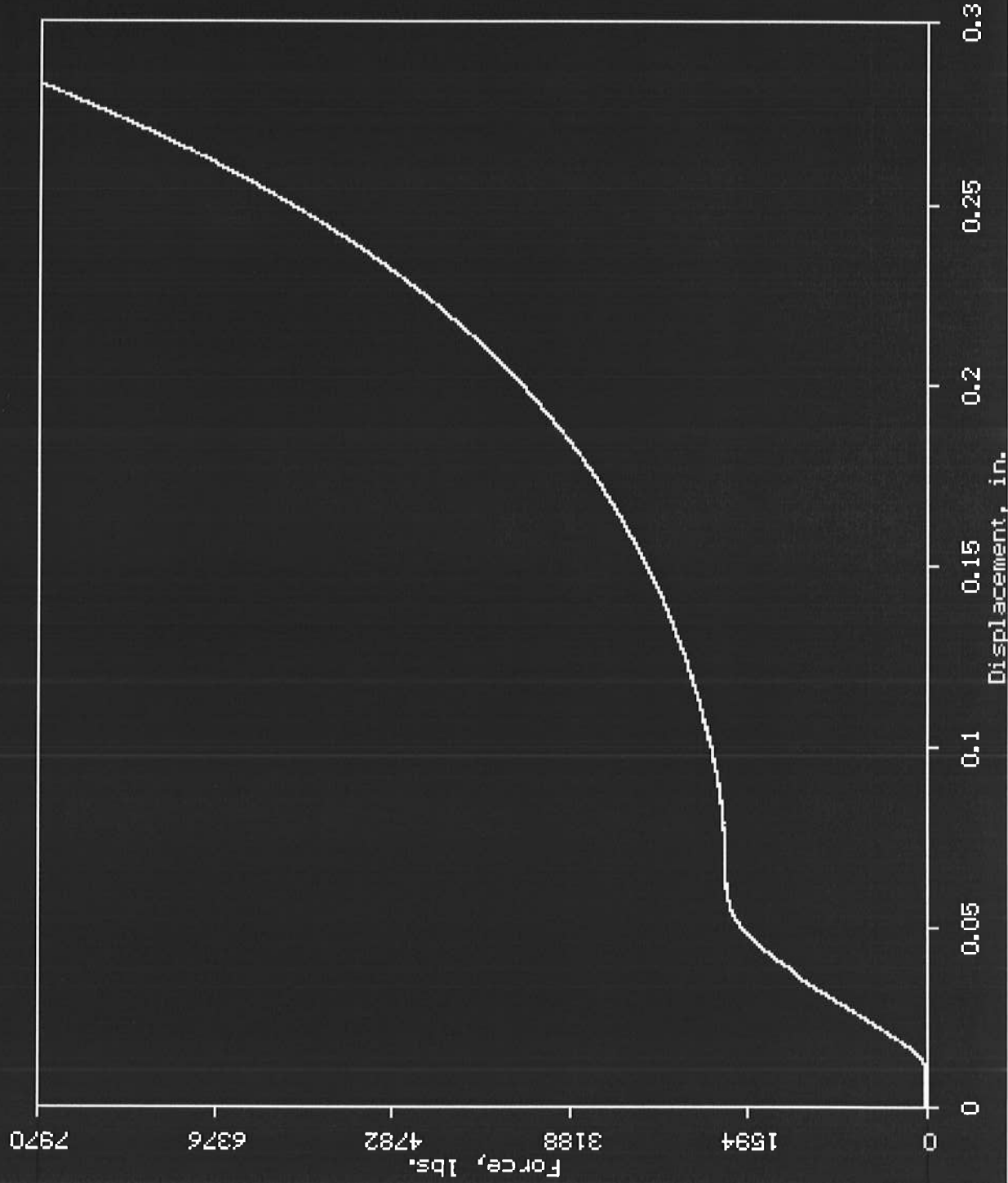
Run # : 2

Range : 10

COMPRESSIVE TESTING

Speed in/min: 0.02

Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit



POLYHEDRON LABS Lab #35402

Sample : SAMPLE

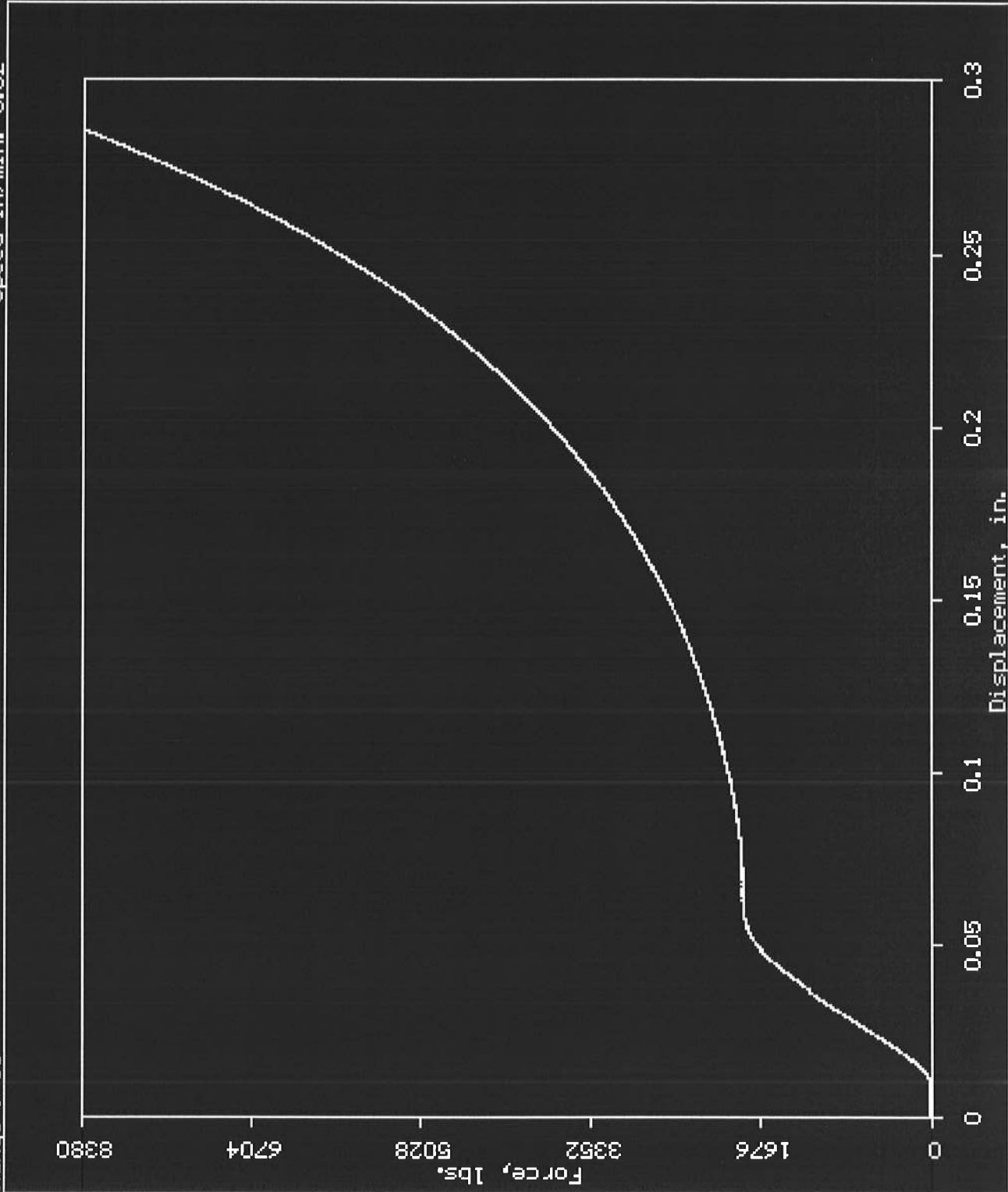
Run # : 3

Range : 10

COMPRESSIVE TESTING

Speed in/min: 0.02

Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit



POLYHEDRON LABS Lab #35402

Sample : SAMPLE

Run # : 4

Range : 10

COMPRESSIVE TESTING

Speed in/min: 0.02

Select :

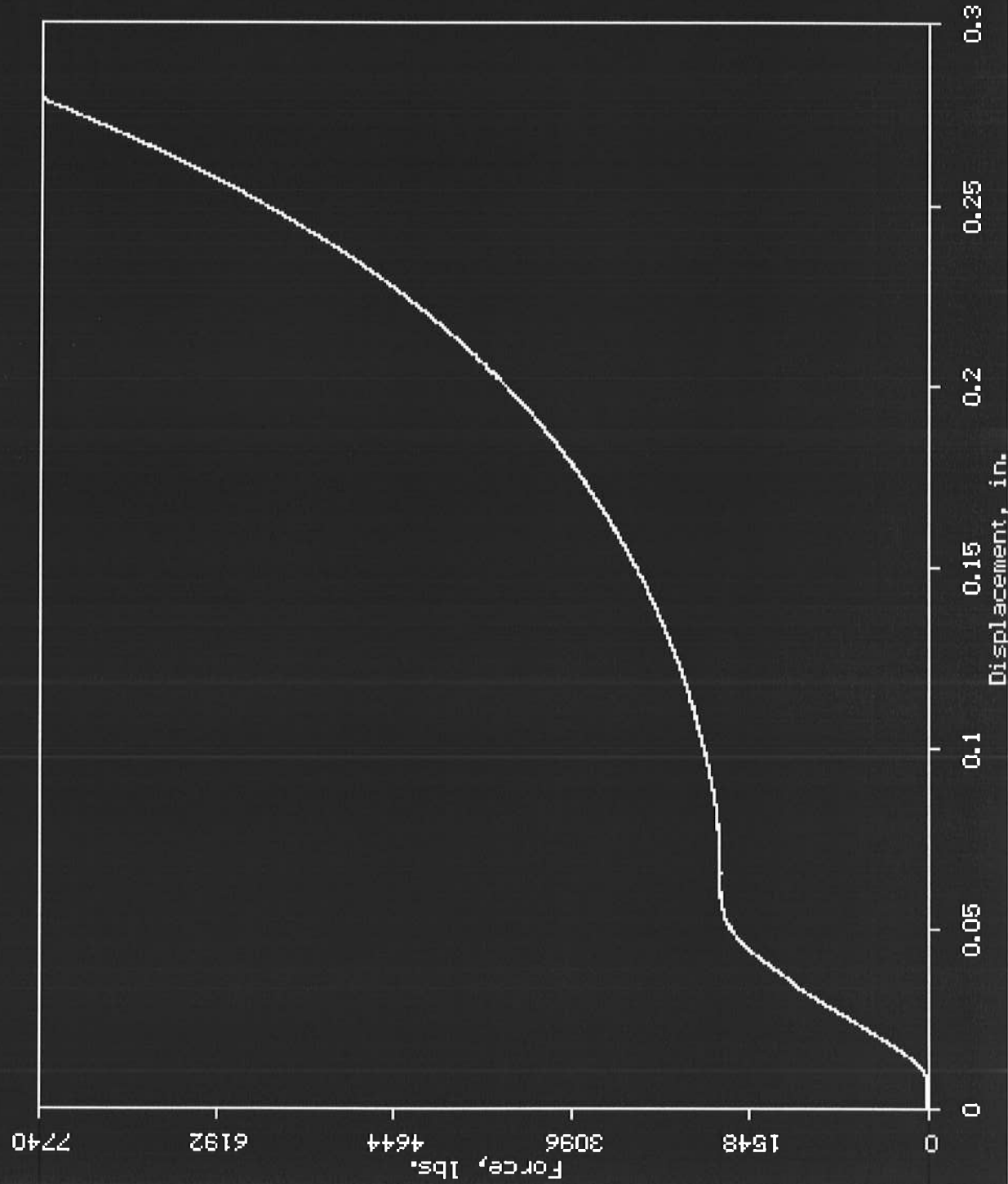
L - draw lines

R - current result

C - change labels

P - print graph

Q - quit



POLYHEDRON LABS Lab #35402

Sample : SAMPLE

Run # : 5

Range : 10

COMPRESSIVE TESTING

Speed in/min: 0.02

Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit

