

POLYHEDRON LABS Lab #35402

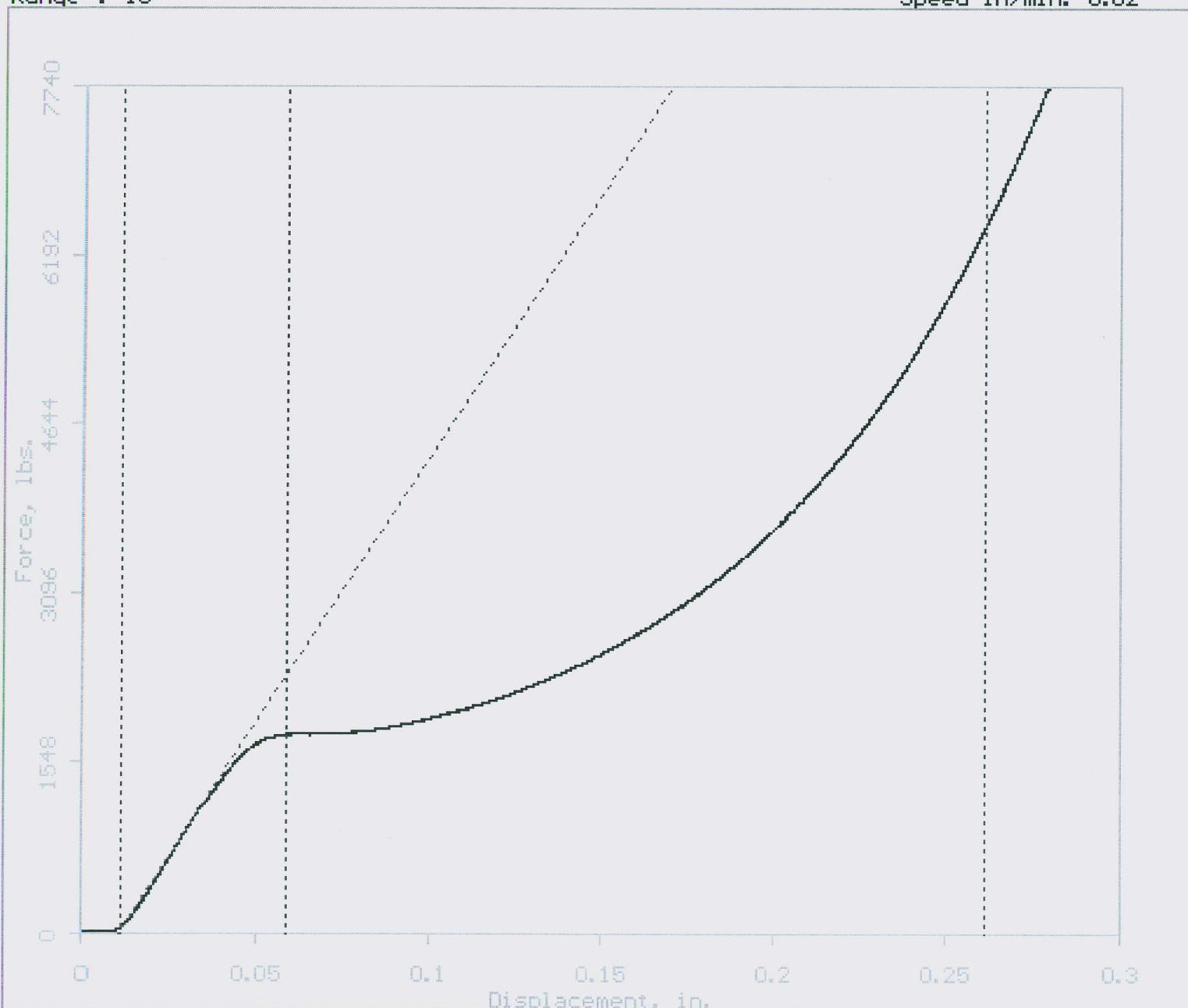
Sample : SAMPLE

Run # : 4

Range : 10

COMPRESSIVE TESTING

Speed in/min: 0.02



Sample

Length : 0.500 in.

Width : 0.500 in.

Thickness : 0.500 in.

Compressive Force

at Yield : 1793.0 lbs.

at Break : 6448.0 lbs

Length Compressed

at Yield : 0.048 in.

at Break : 0.250 in.

Compressive Strength

at Yield : 7172.0 psi

at Break : 25791.9 psi

% Compressed

at Yield : 9.573 %

at Break : 50.022 %

Tangent Modulus:

97296.6 psi

-----<150>-----

Select :

L - draw lines

R - current result

C - change labels

P - print graph

Q - quit

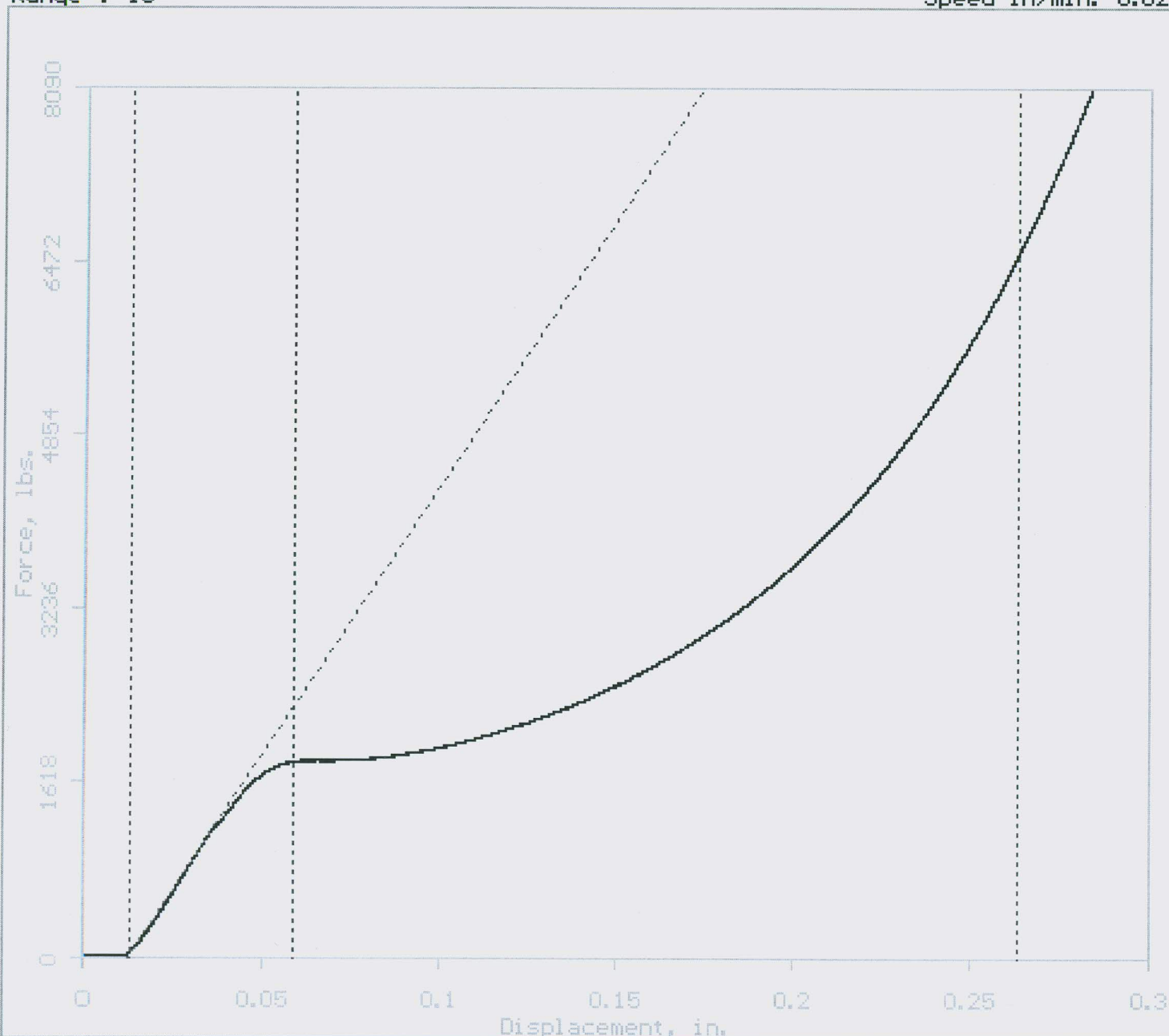
Sample : SAMPLE

Run # : 5

Range : 10

COMPRESSION TESTING

Speed in/min: 0.02



Sample

Length : 0.500 in.

Width : 0.500 in.

Thickness : 0.500 in.

Compressive Force

at Yield : 1800.1 lbs.

at Break : 6535.7 lbs

Length Compressed

at Yield : 0.047 in.

at Break : 0.250 in.

Compressive Strength

at Yield : 7200.5 psi

at Break : 26142.7 psi

% Compressed

at Yield : 9.303 %

at Break : 50.022 %

Tangent Modulus:

100419.8 psi

----- (150) -----

Select :

L - draw lines

R - current result

C - change labels

P - print graph

Q - quit

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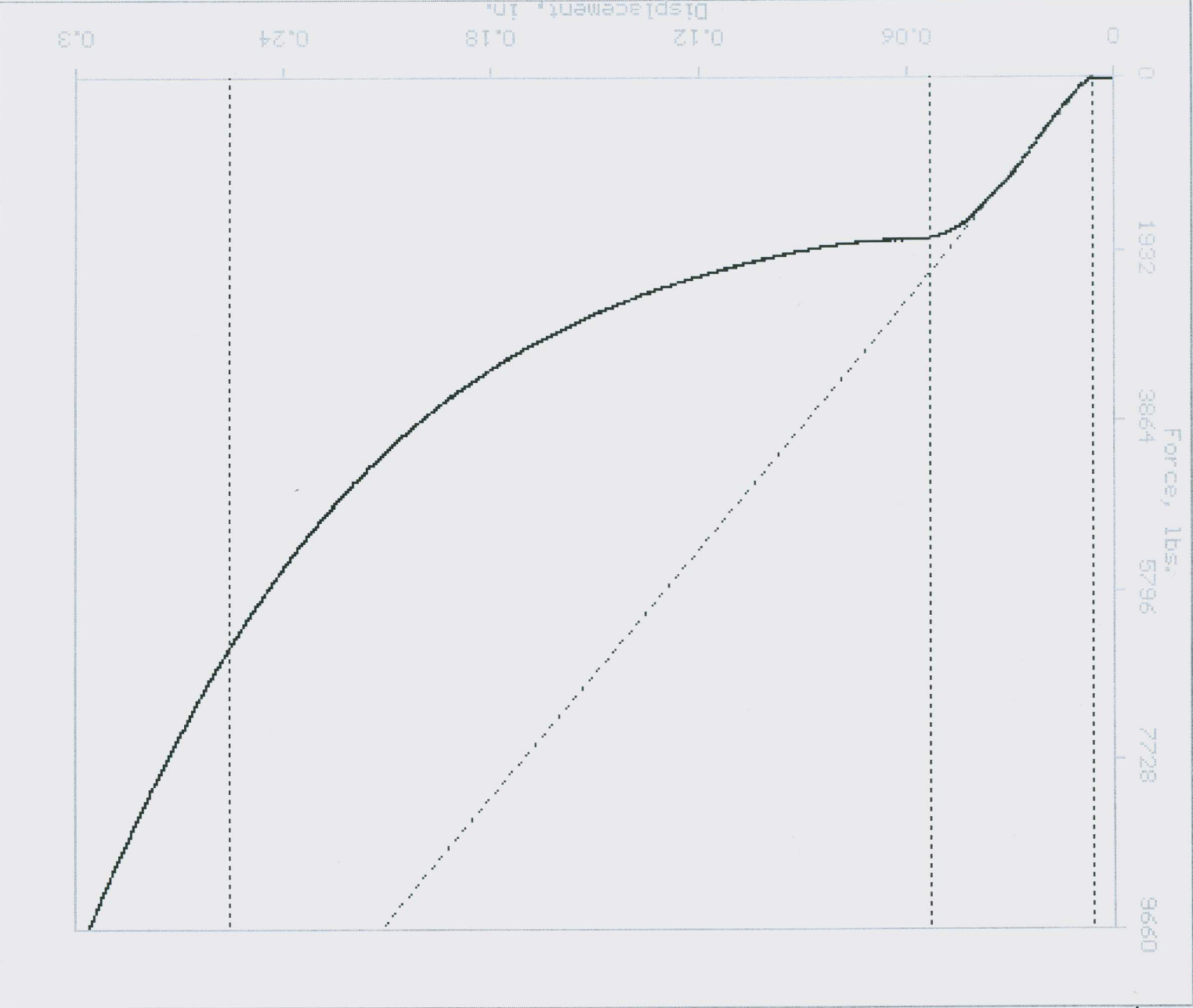
Sample : SAMPLE
Run # : 1
Range : 10

COMPRESSIVE TESTING
Speed in/min: 0.02

Sample
Length : 0.500 in.
Width : 0.500 in.
Thickness : 0.500 in.

Compressive Force
at Yield : 1790.7 lbs.
at Break : 6476.5 lbs
Length Compressed
at Yield : 0.048 in.
at Break : 0.250 in.
Compressive Strength
at Yield : 7162.9 psi
at Break : 25906.0 psi
% Compressed
at Yield : 9.573 %
at Break : 50.022 %
Tangent Modulus:
94894.0 psi

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



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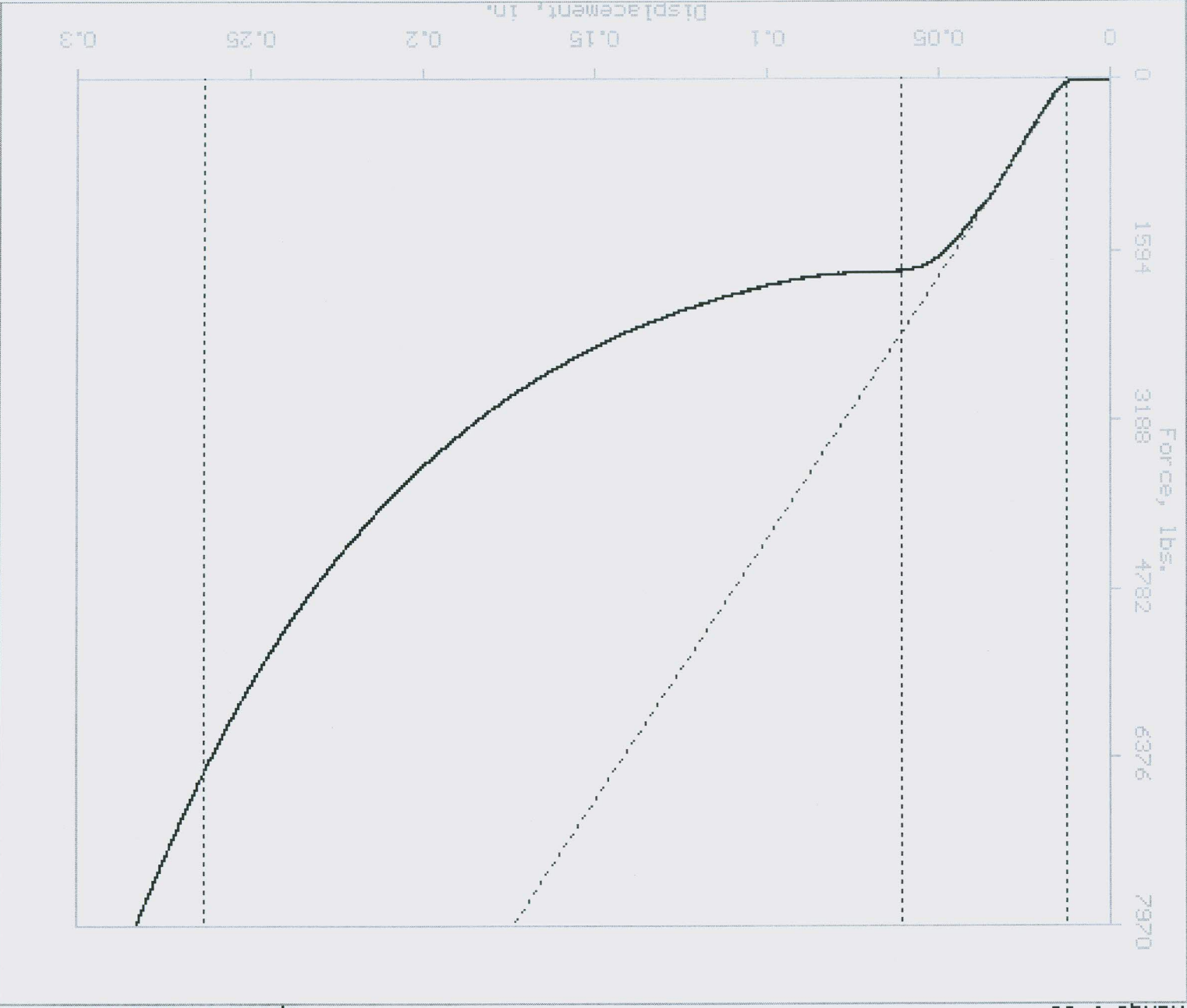
Sample : SAMPLE
Run # : 2
Range : 10

COMPRESSIVE TESTING
Speed in/min: 0.02

Sample
Length : 0.500 in.
Width : 0.500 in.
Thickness : 0.500 in.

Compressive Force
at Yield : 1782.3 lbs.
at Break : 6491.6 lbs
Length Compressed
at Yield : 0.049 in.
at Break : 0.250 in.
Compressive Strength
at Yield : 7129.2 psi
at Break : 25966.3 psi
% Compressed
at Yield : 9.708 %
at Break : 50.022 %
Tangent Modulus:
99765.1 psi

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



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Sample : SAMPLE
Run # : 3
Range : 10

COMPRESSIVE TESTING
Speed in/min: 0.02

Sample
Length : 0.500 in.
Width : 0.500 in.
Thickness : 0.500 in.
Compressive Force
at Yield : 1835.0 lbs.
at Break : 6650.6 lbs
Length Compressed
at Yield : 0.046 in.
at Break : 0.250 in.
Compressive Strength
at Yield : 7339.9 psi
at Break : 26602.5 psi
% Compressed
at Yield : 9.169 %
at Break : 50.022 %
Tangent Modulus:
101472.1 psi

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

