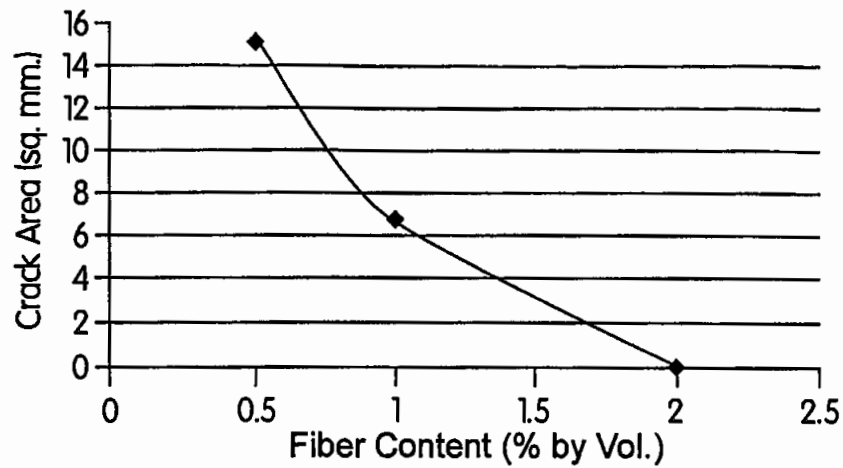
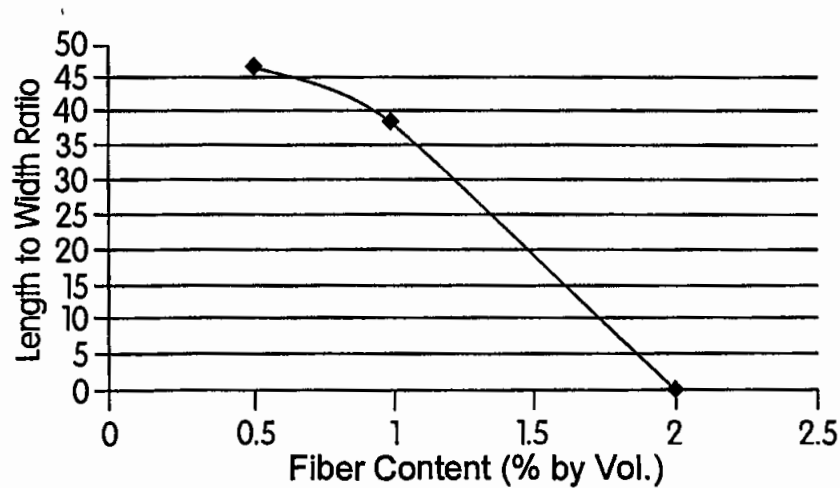


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Comparison Between the Crack Areas for Different Fiber Contents

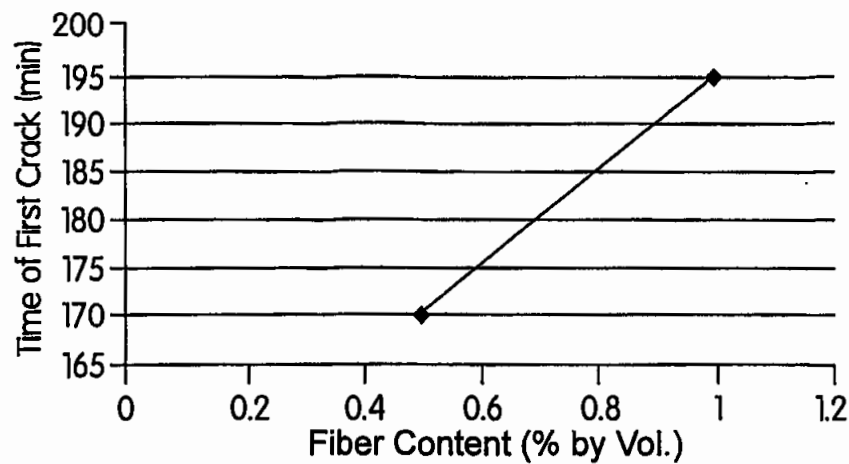
FIG. 1



Comparison of Length to Width Ratios of Cracks for Different Fiber Contents

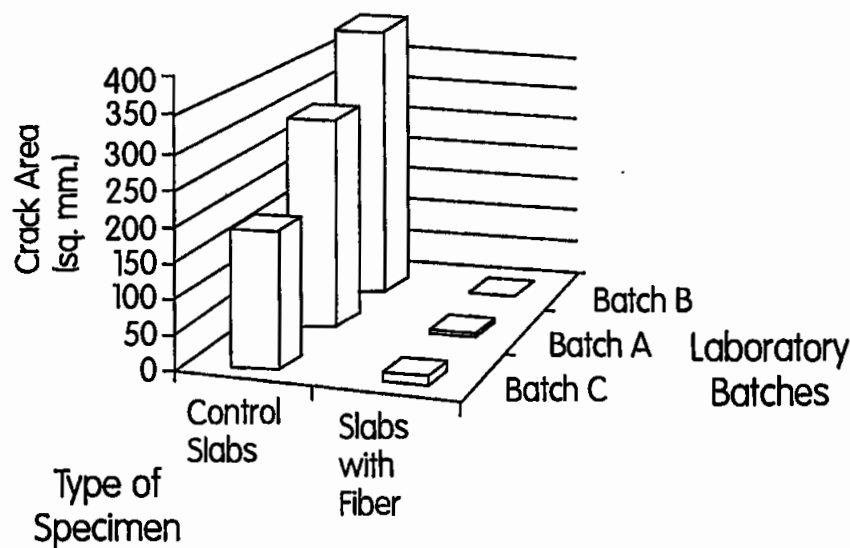
FIG. 2

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Comparison of Time of First Crack for Different Fiber Contents
Note: Slabs with 2% Fiber Content Did not Crack

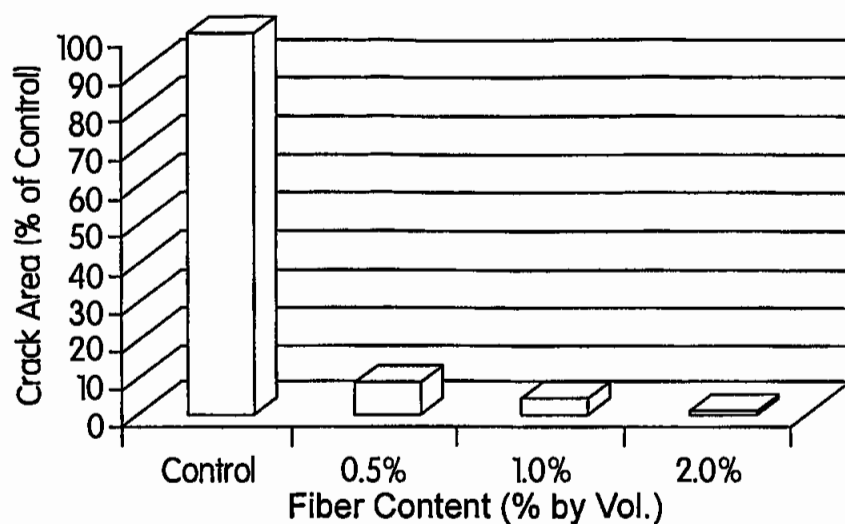
FIG. 3



Comparison of Crack Areas between Control Slabs and Slabs With Fiber for Different Laboratory Batches

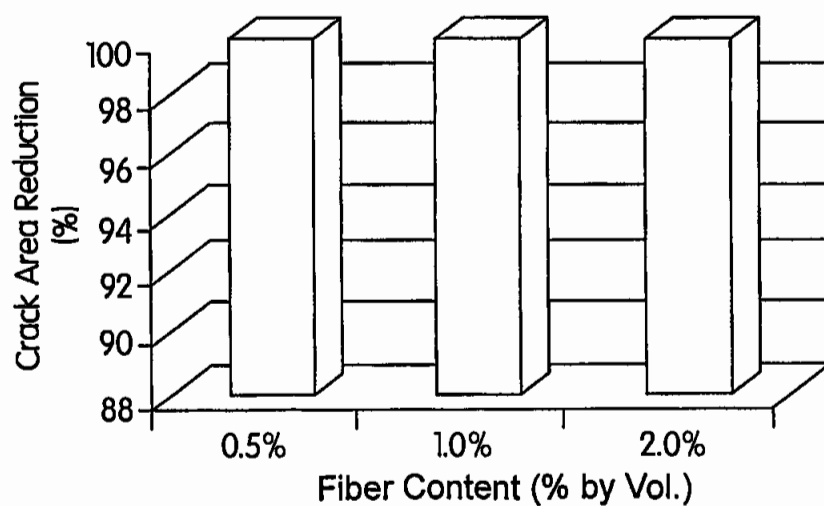
FIG. 4

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Comparison of Crack Areas as a Percentage of Control for Different Fiber Contents

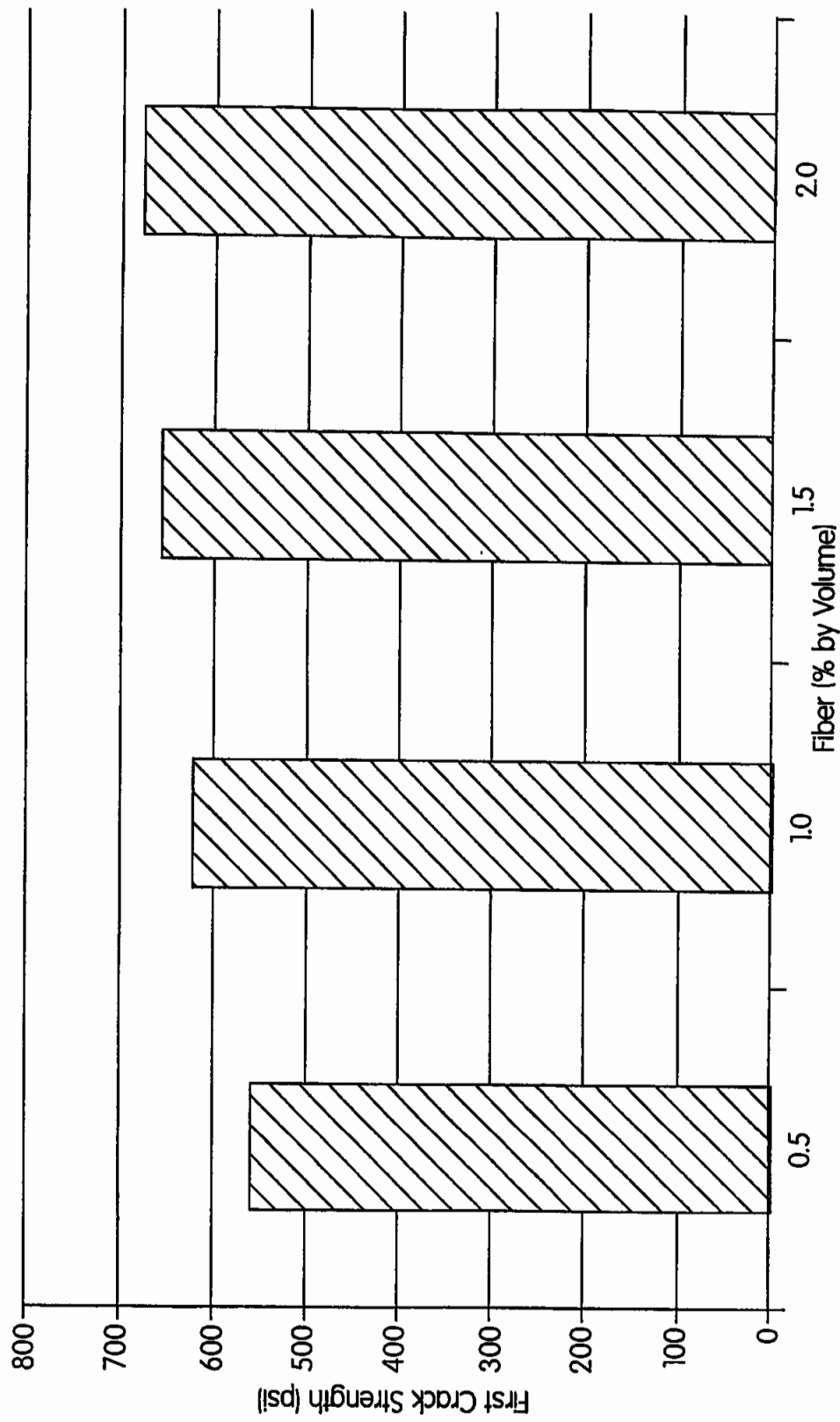
FIG. 5



Comparison of Crack Area Reduction for Different Fiber Contents

FIG. 6

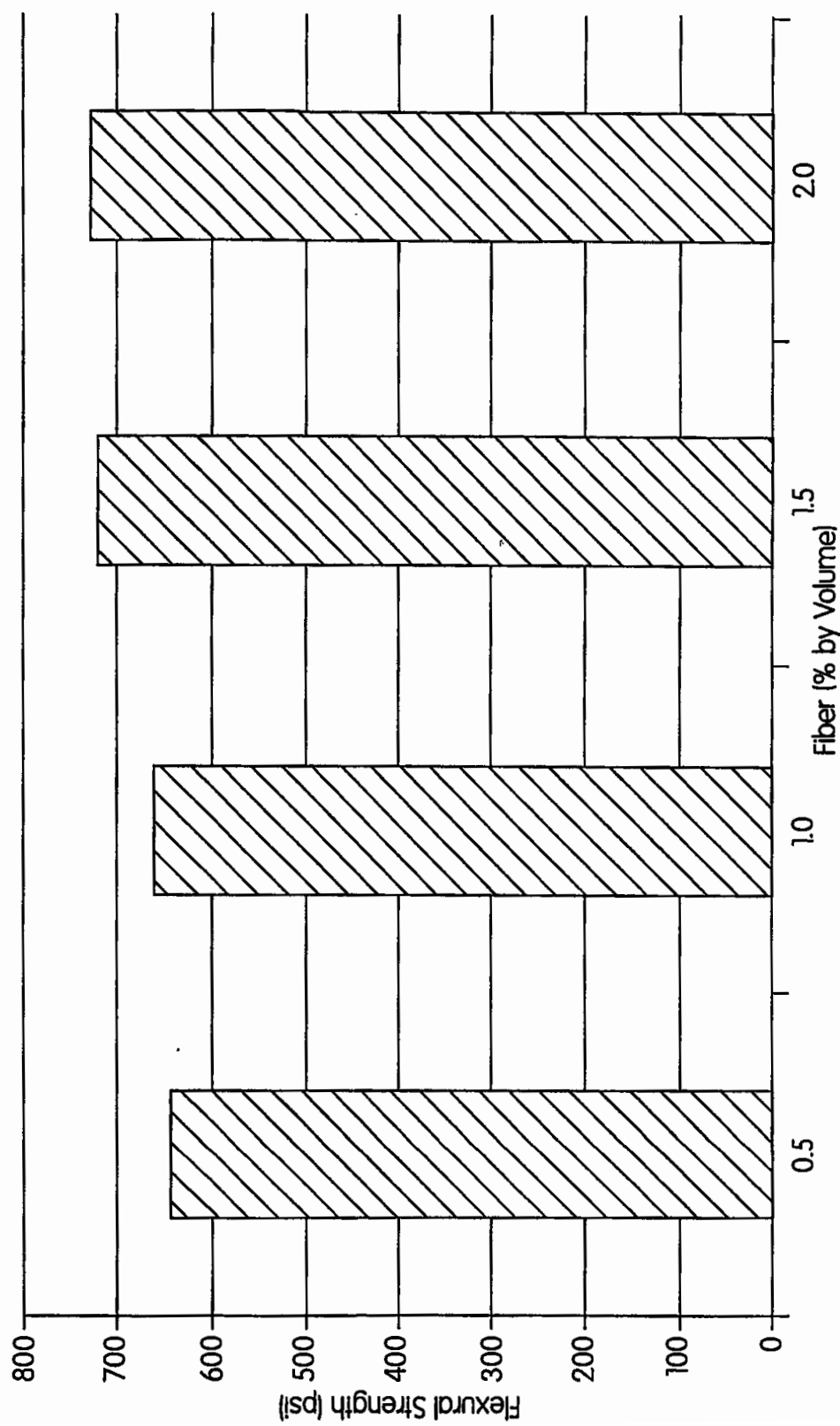
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First Crack Strength vs. Fiber Content

FIG. 7

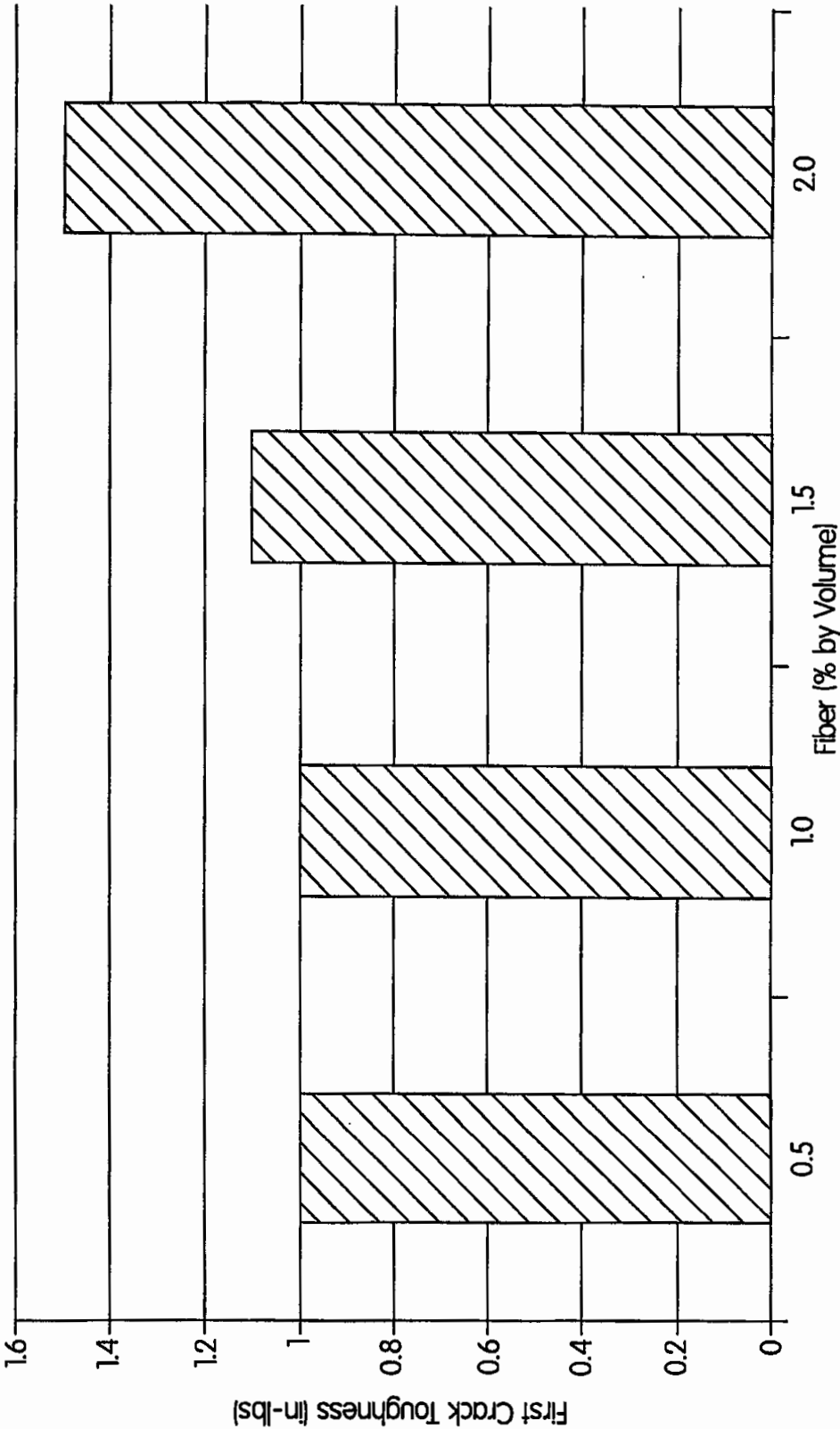
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Modulus of Rupture vs. Fiber Content

FIG. 8

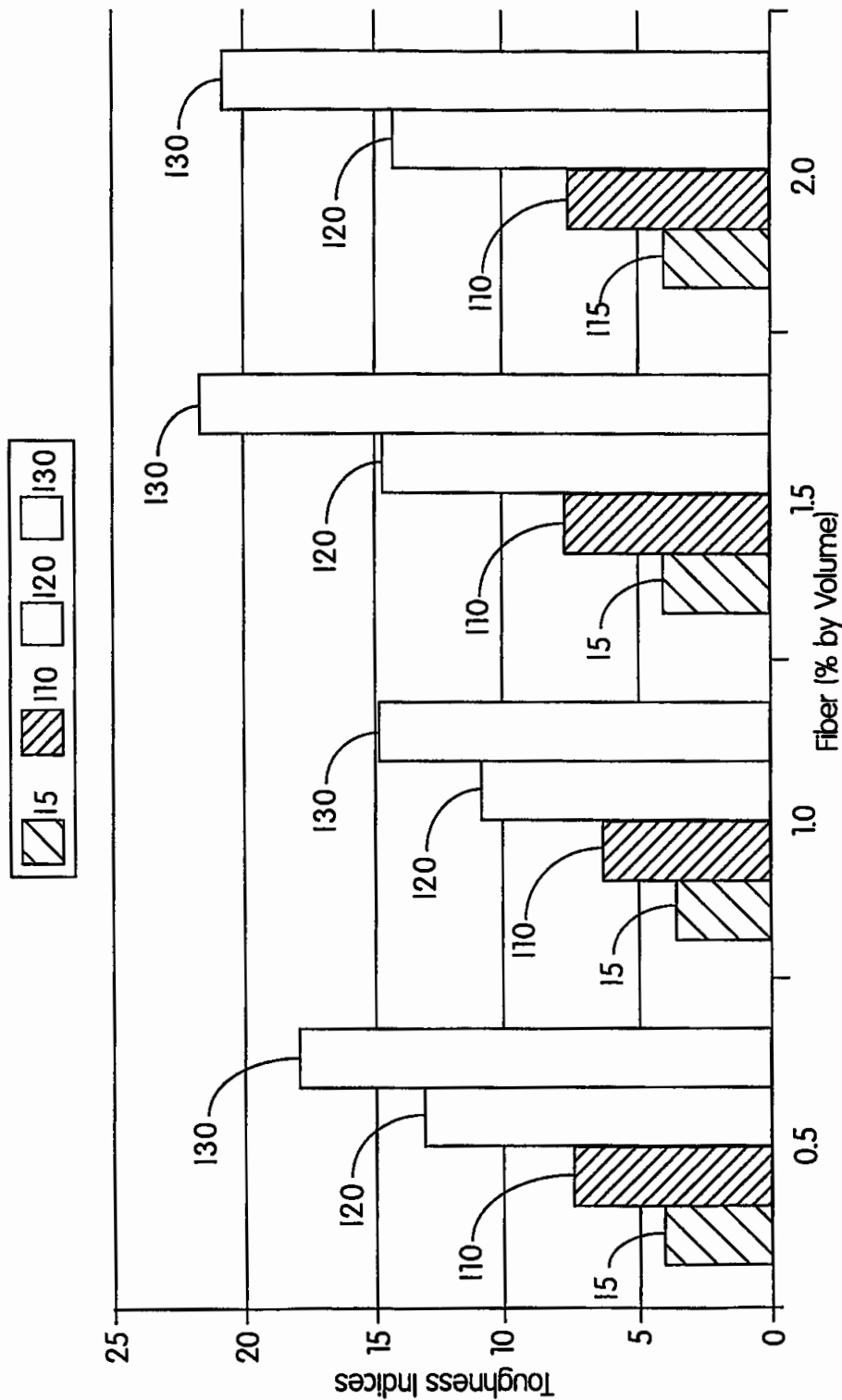
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First Crack Toughness vs. Fiber Content

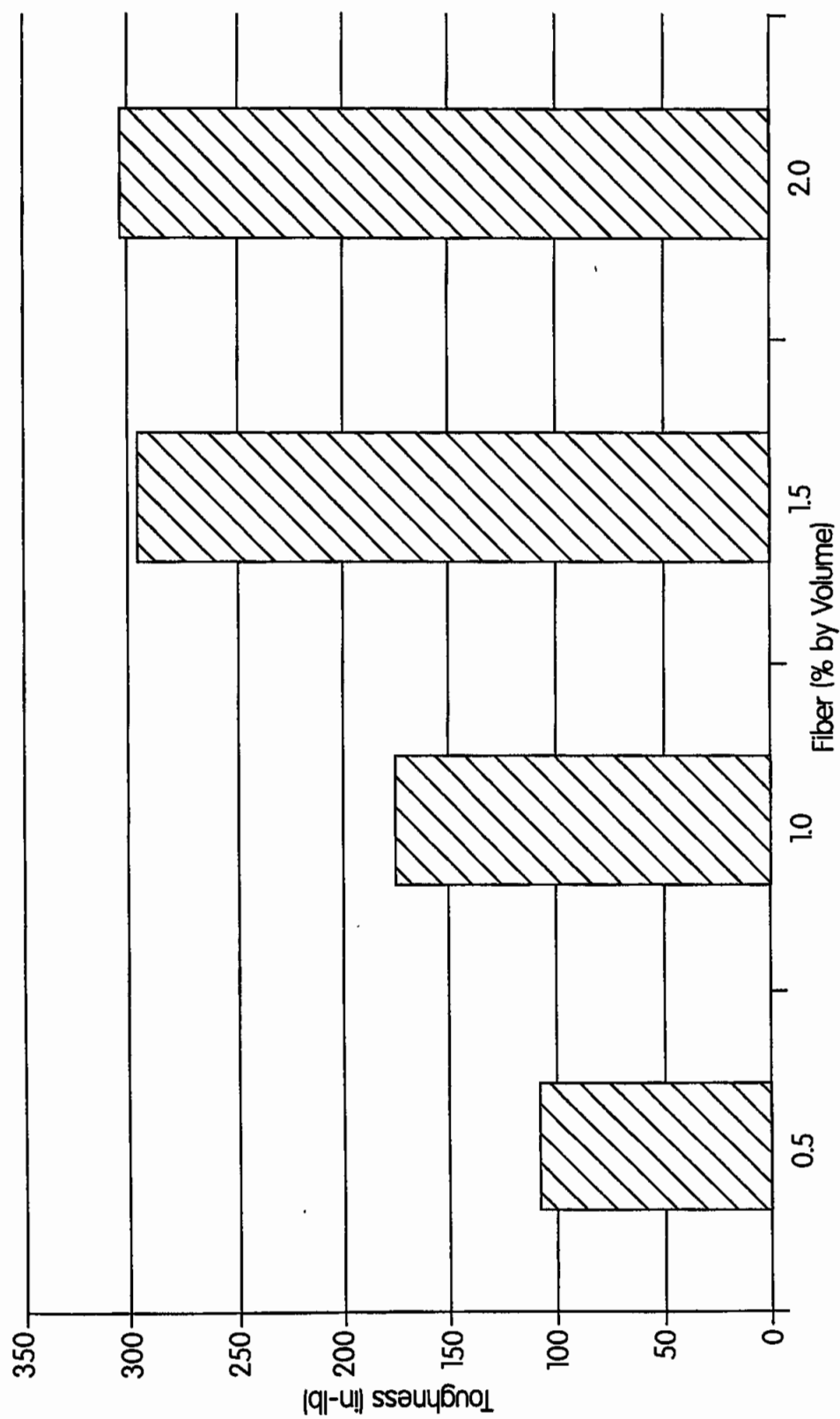
FIG. 9

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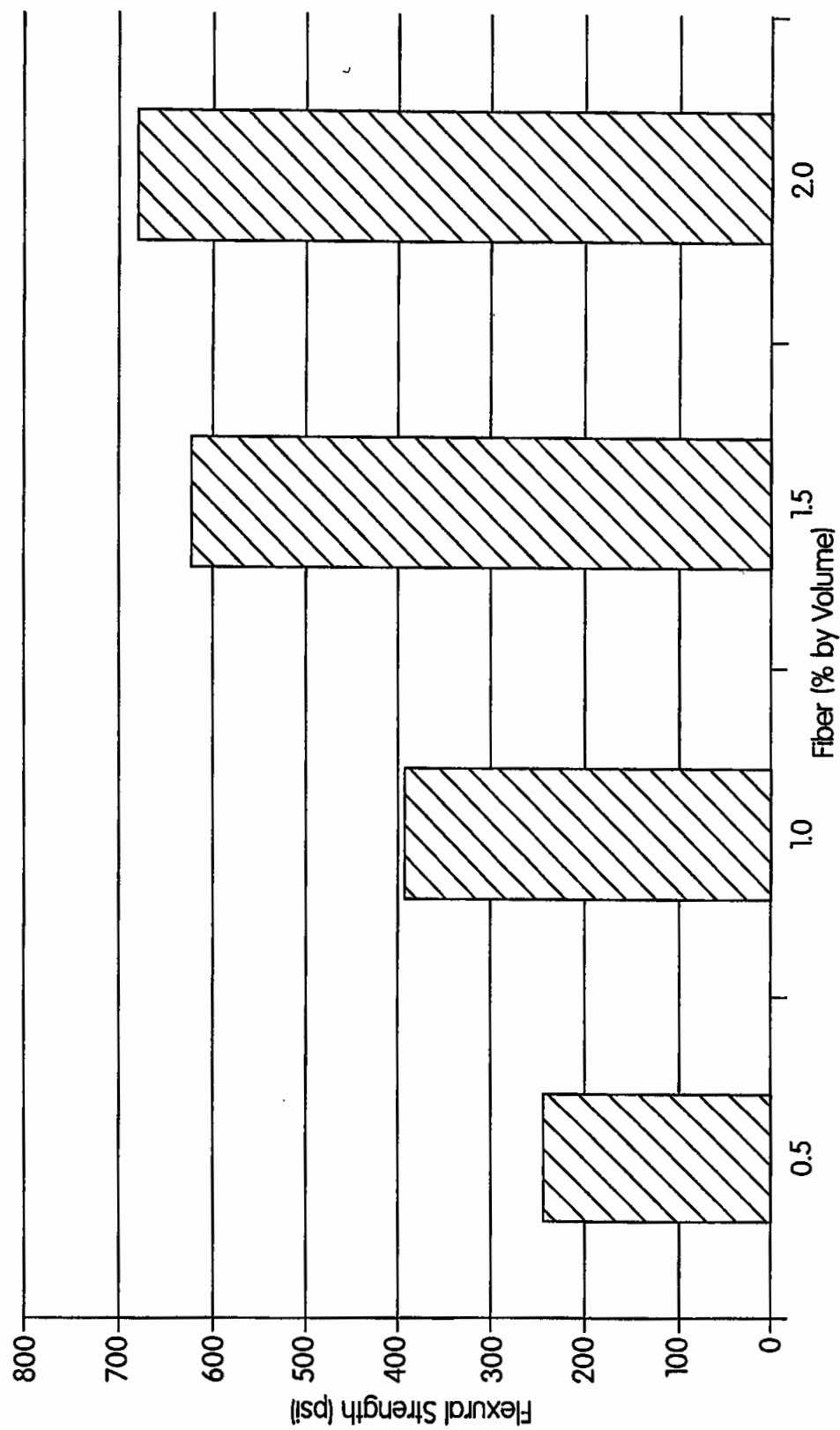
Toughness Indices vs. Fiber Content
FIG. 10

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Japanese Toughness vs. Fiber Content
FIG. 11

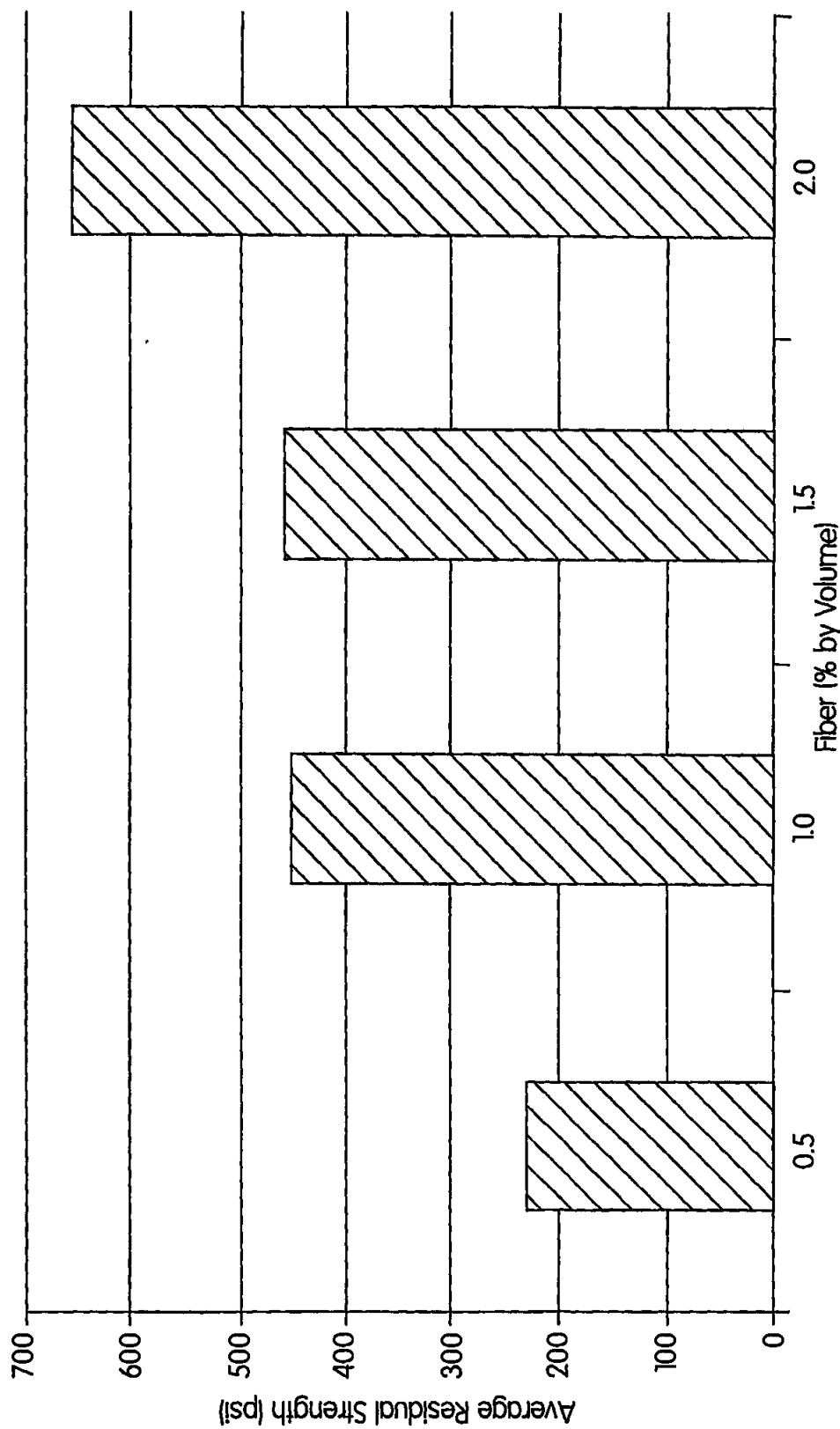
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Japanese Flexural Strength vs. Fiber Content

FIG. 12

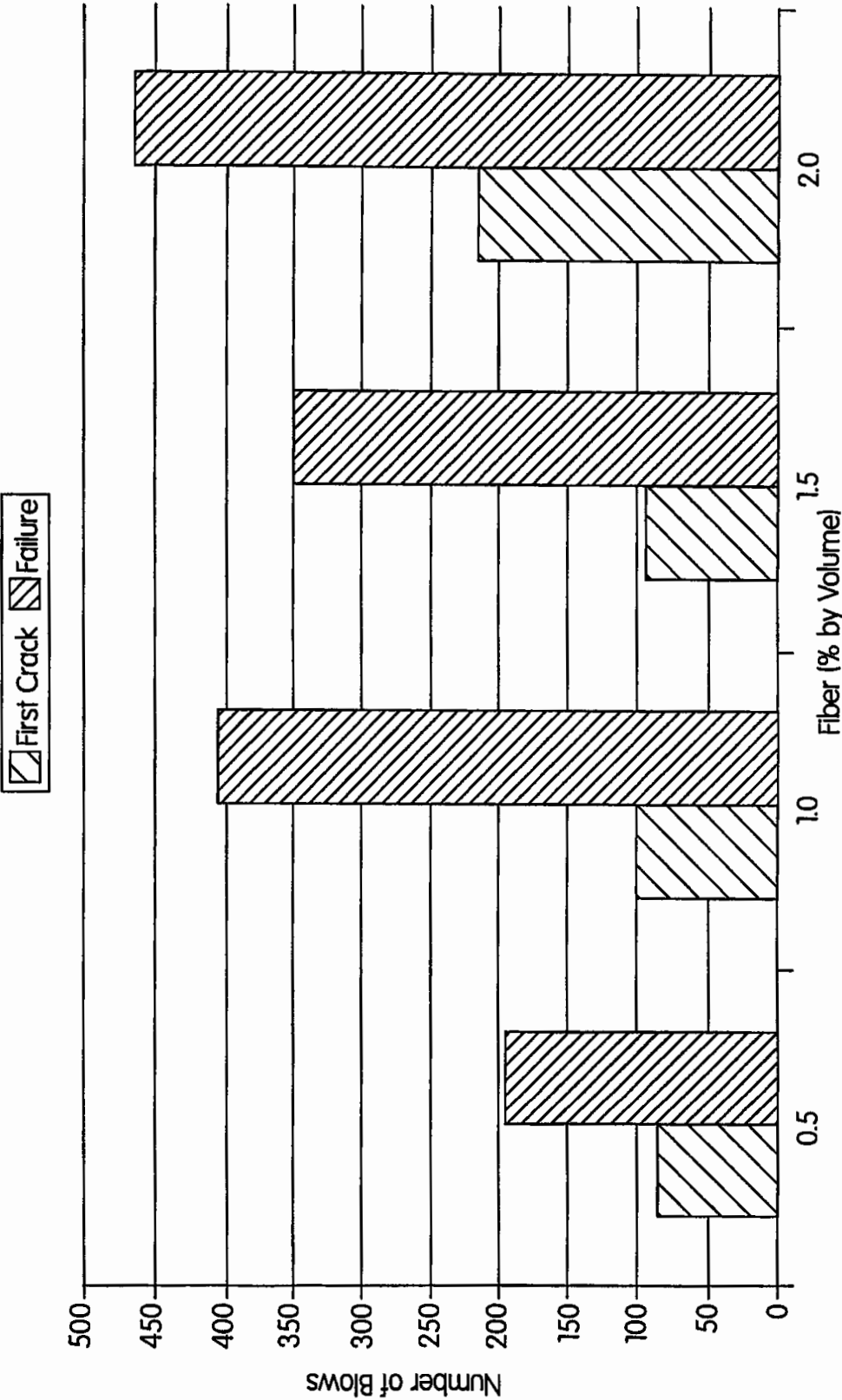
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Average Residual Strength vs. Fiber Content

FIG. 13

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Number of Blows to First Crack and Failure vs. Fiber Content

FIG. 14

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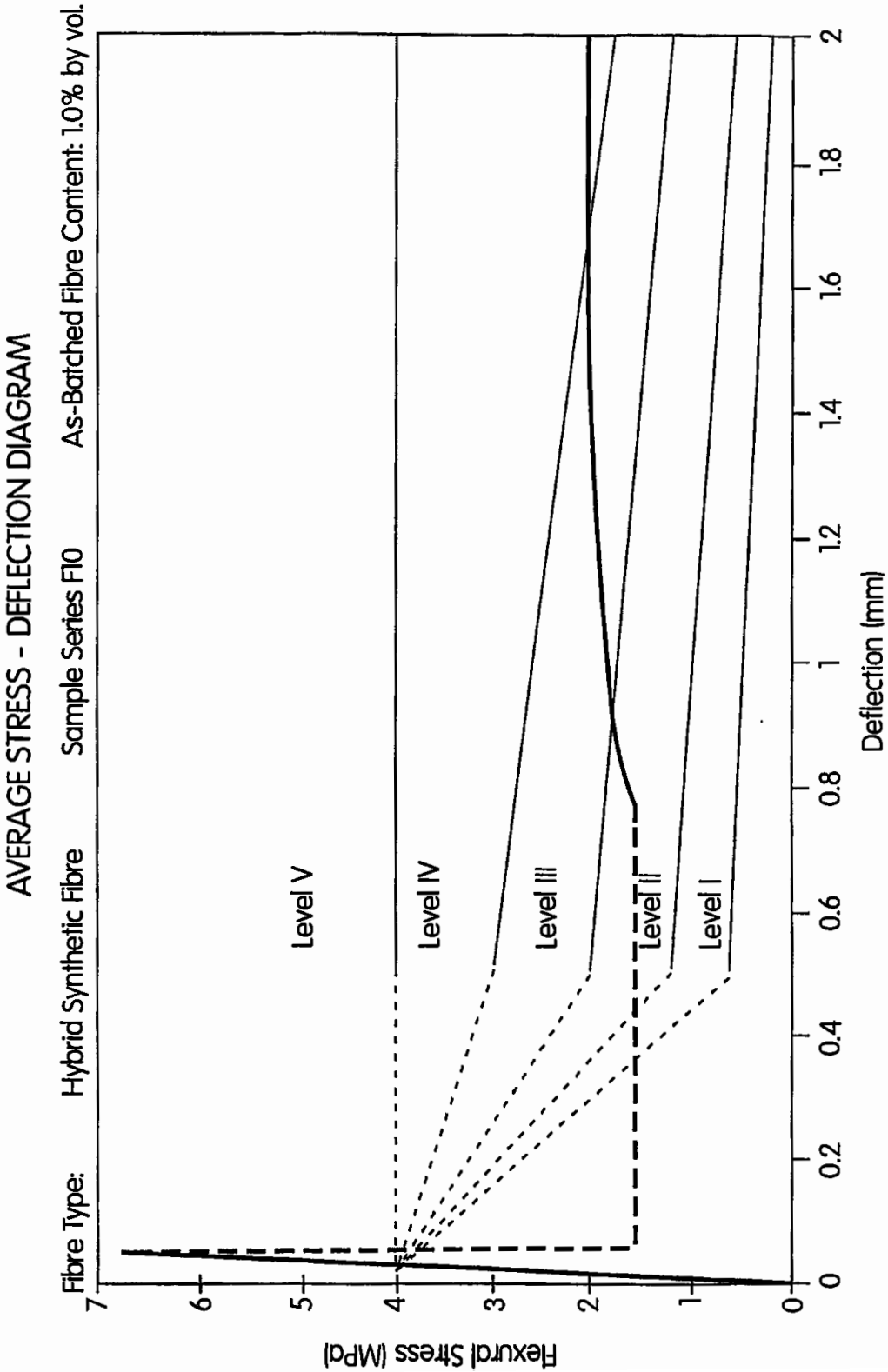


FIG. 15

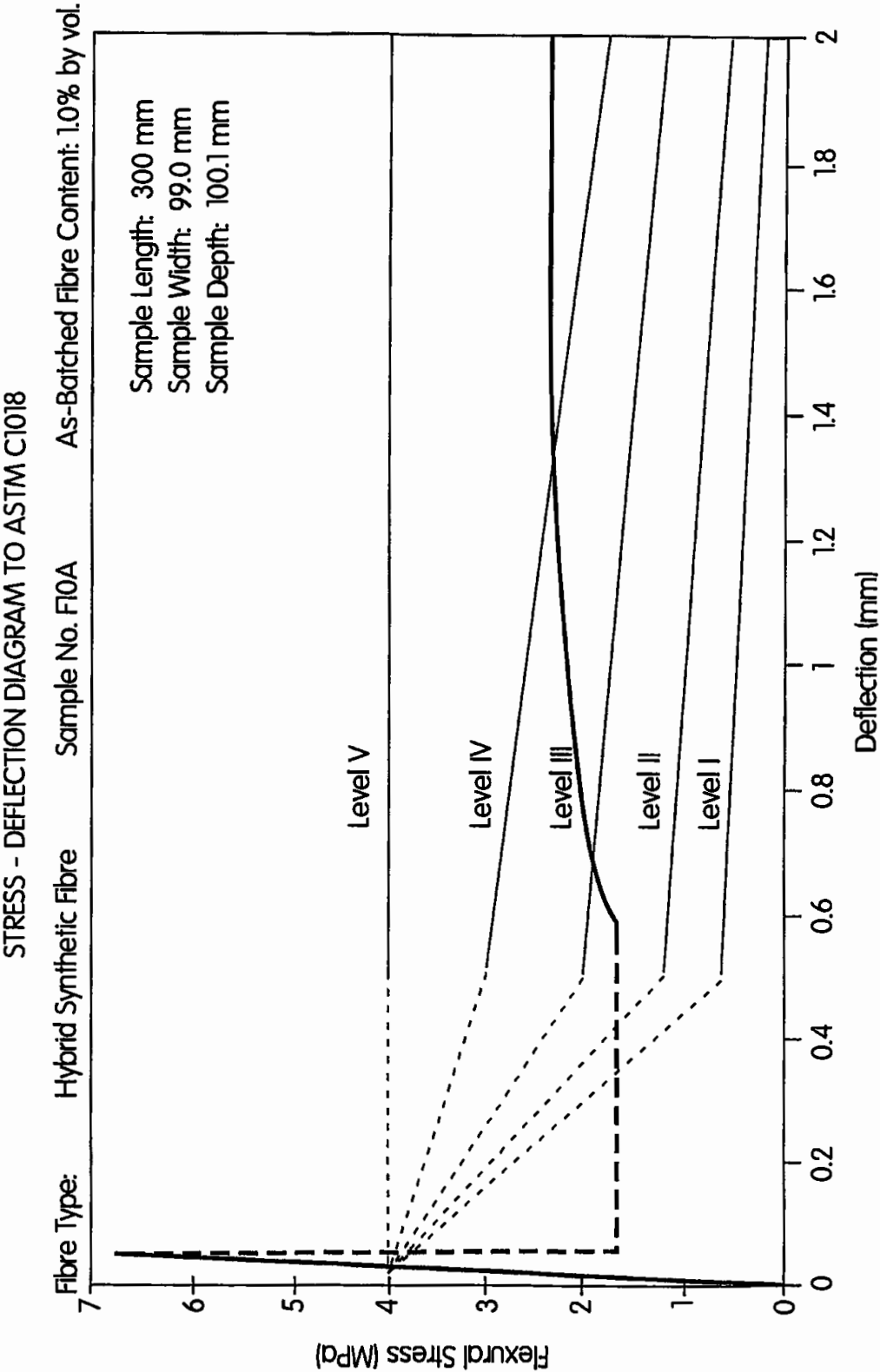


FIG. 16

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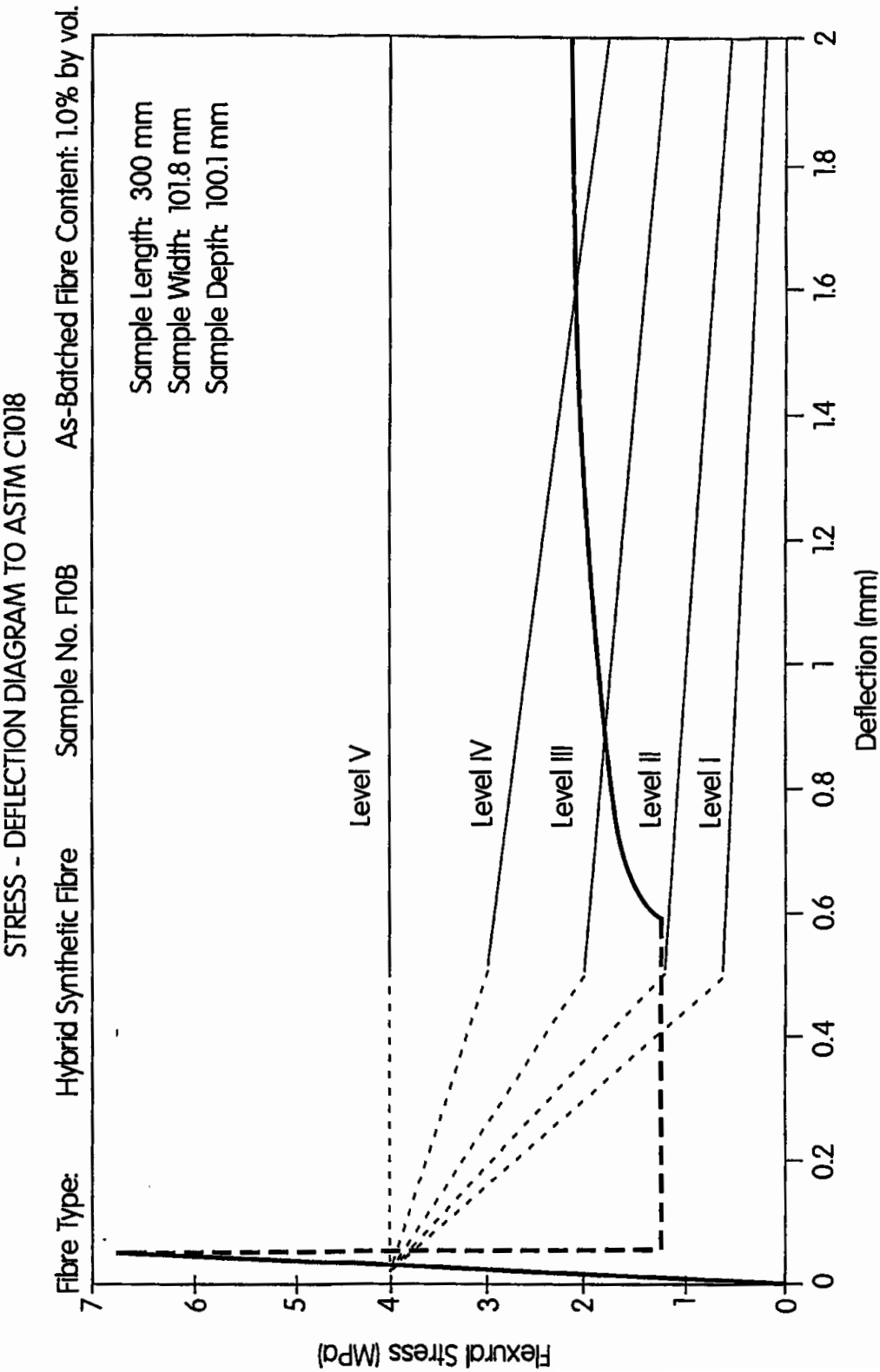


FIG. 17

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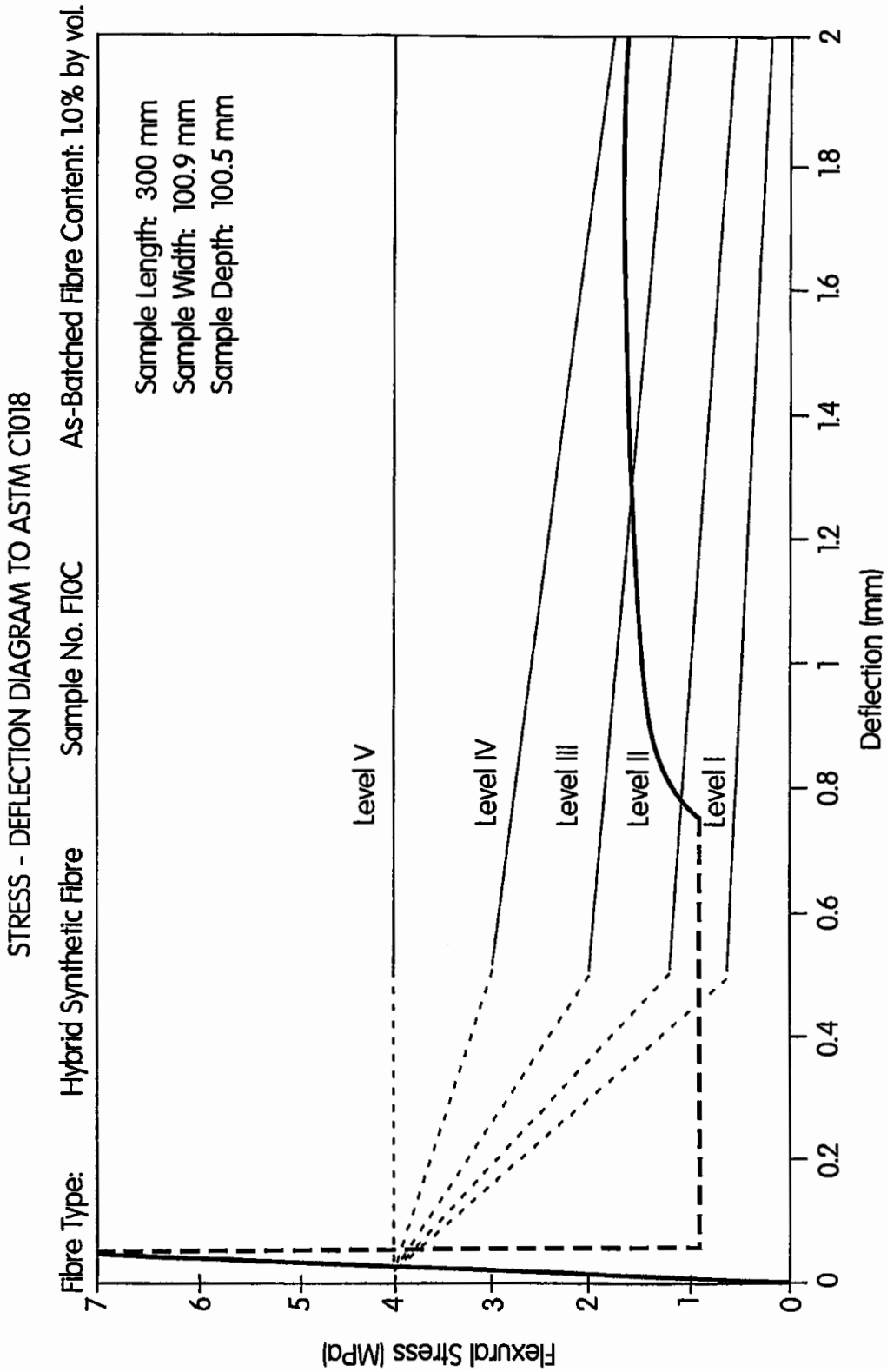


FIG. 18

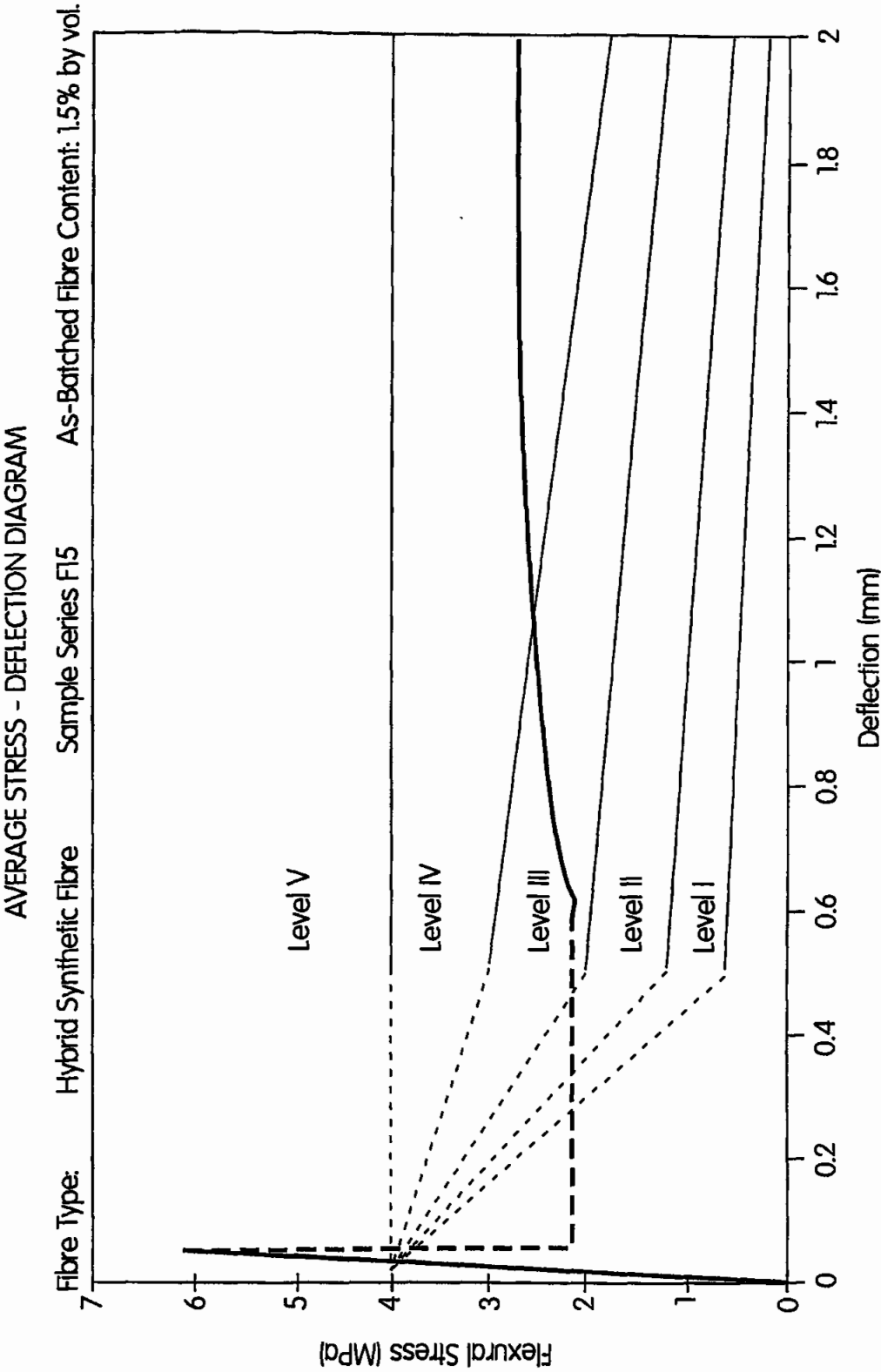


FIG. 19

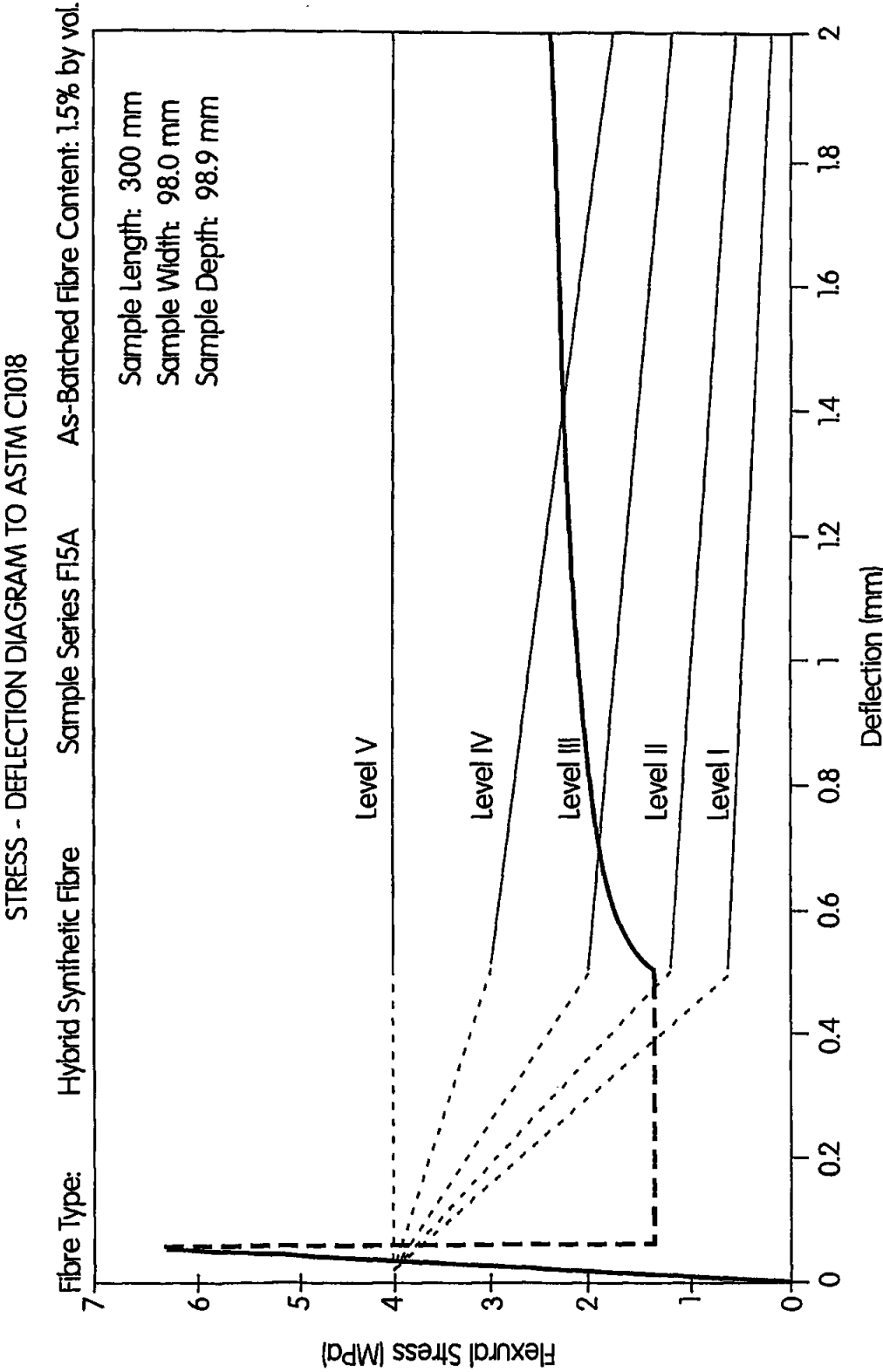


FIG. 20

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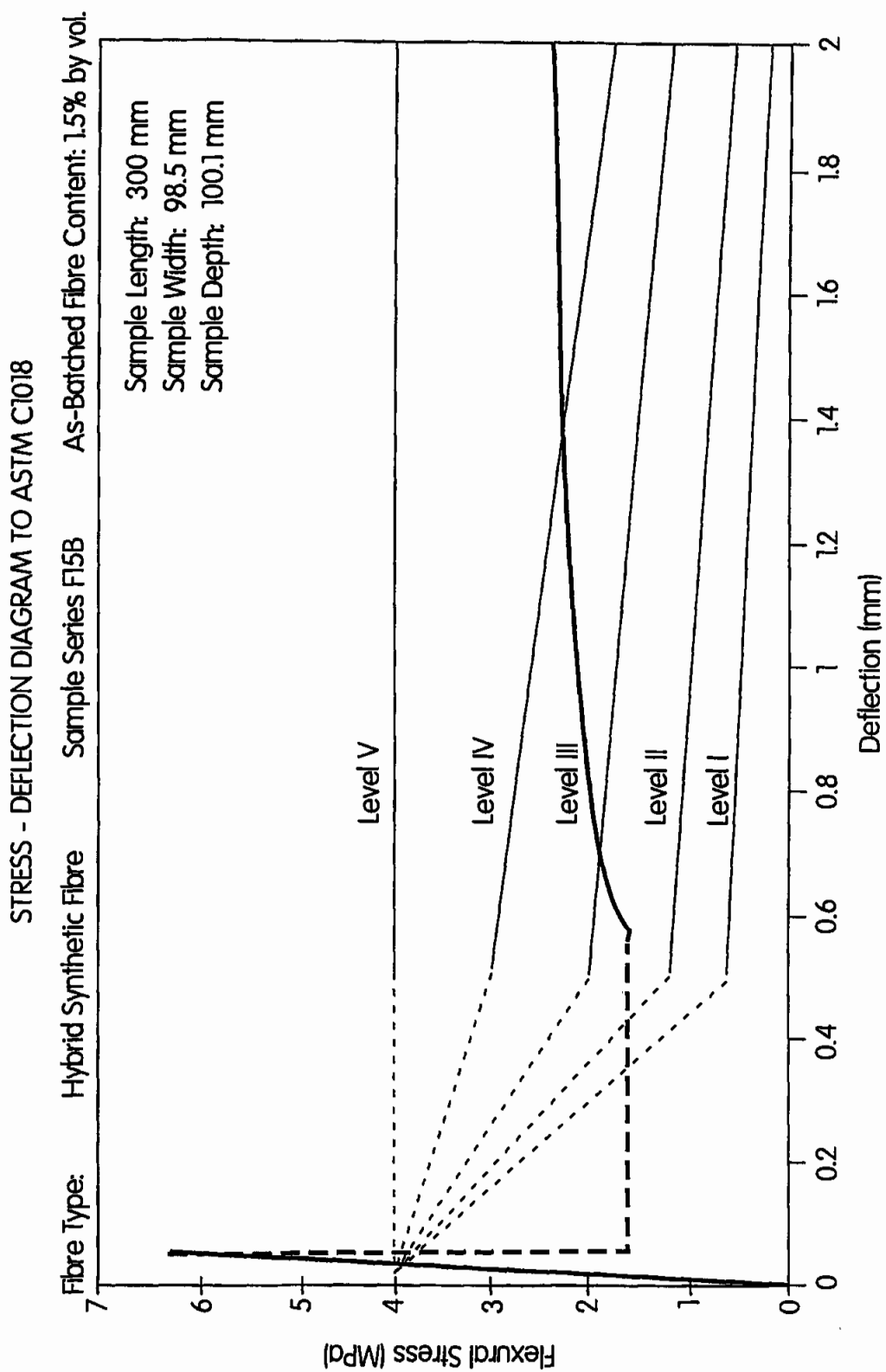


FIG. 21

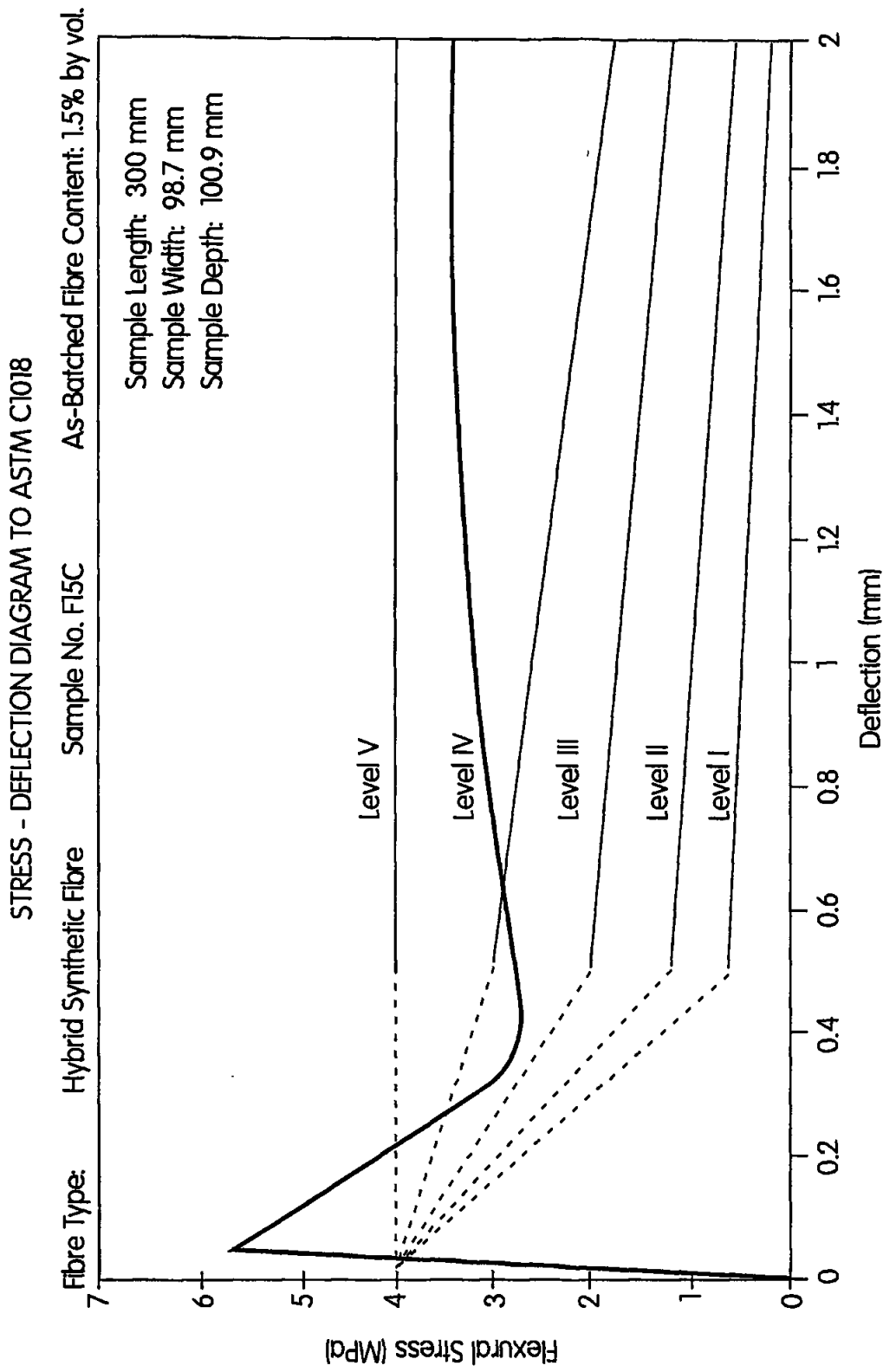


FIG. 22

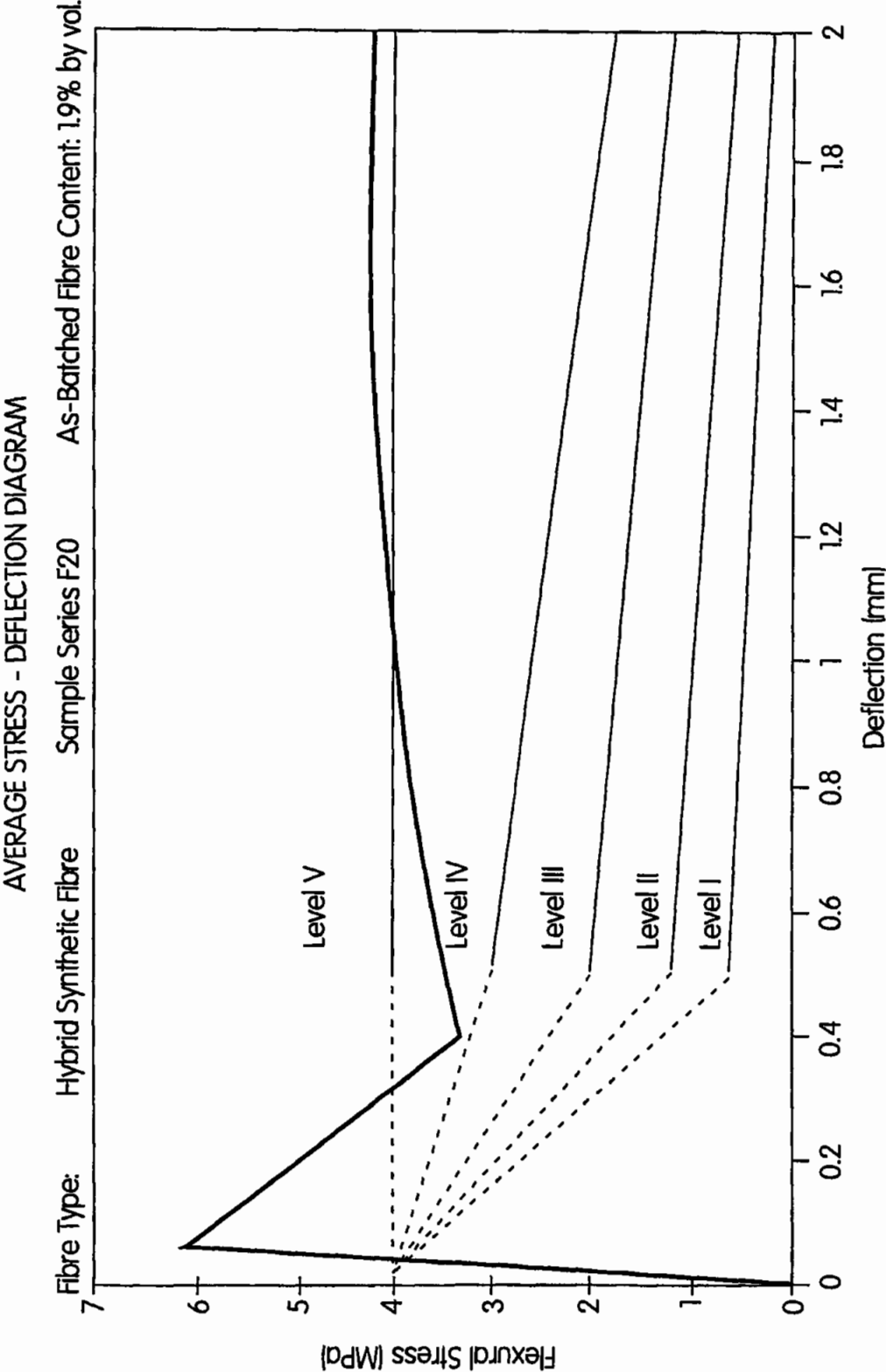


FIG. 23

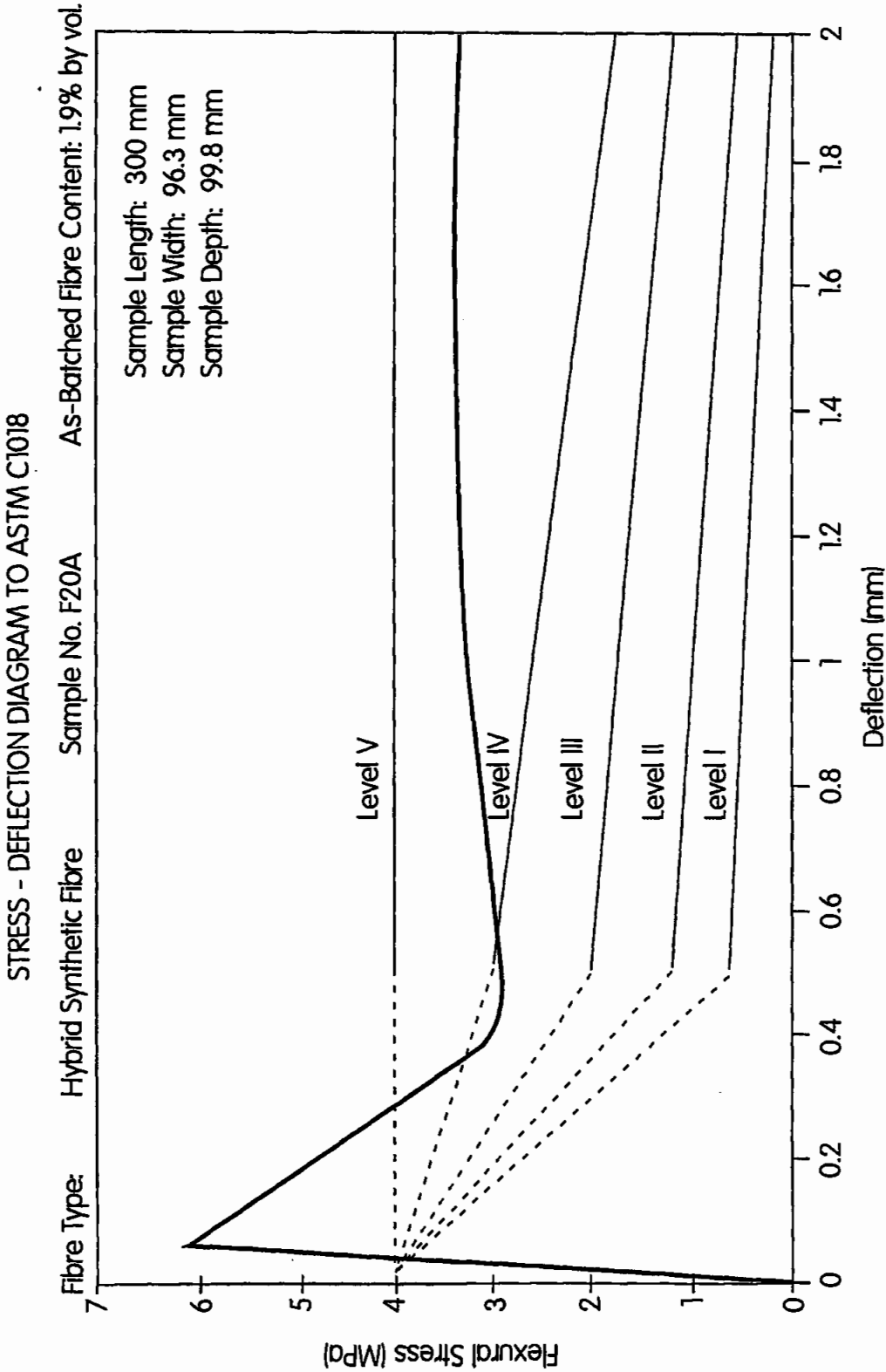


FIG. 24

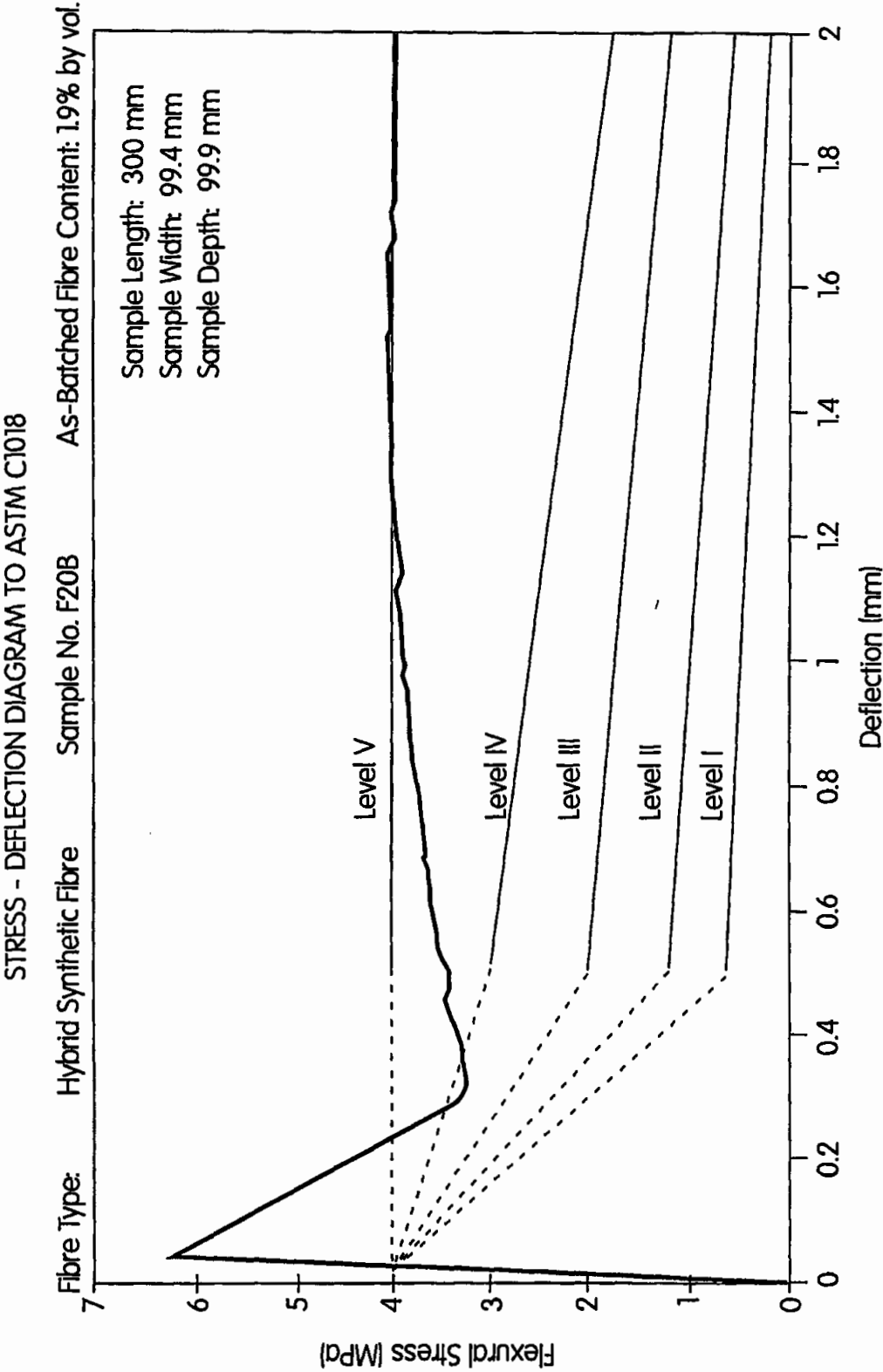


FIG. 25

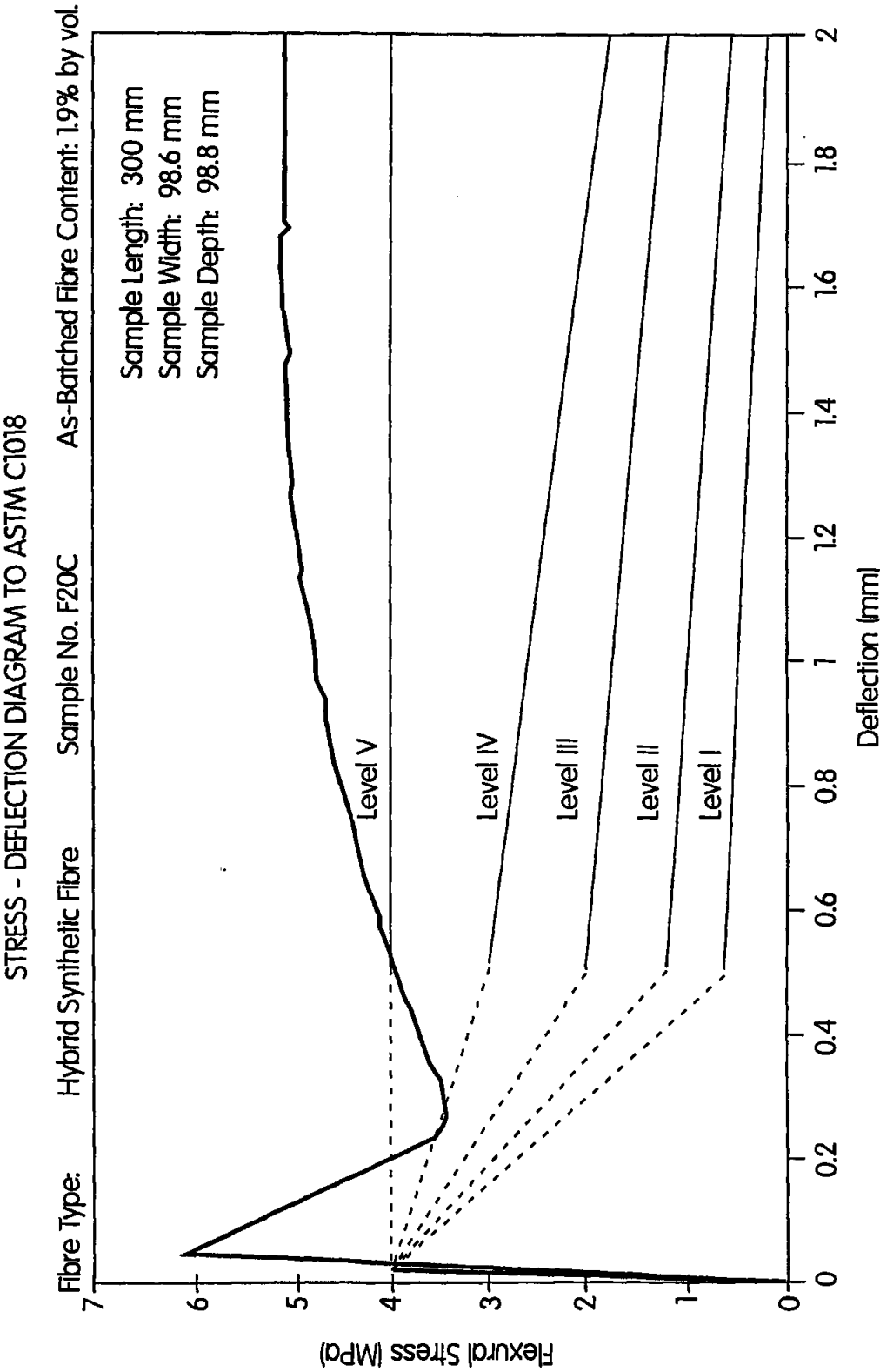


FIG. 26

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Shotcrete Round Panel Testing - Mixture F10
Hybrid Synthetic Structural Fibre, 1.0% vol., Wet-Mix Shotcrete

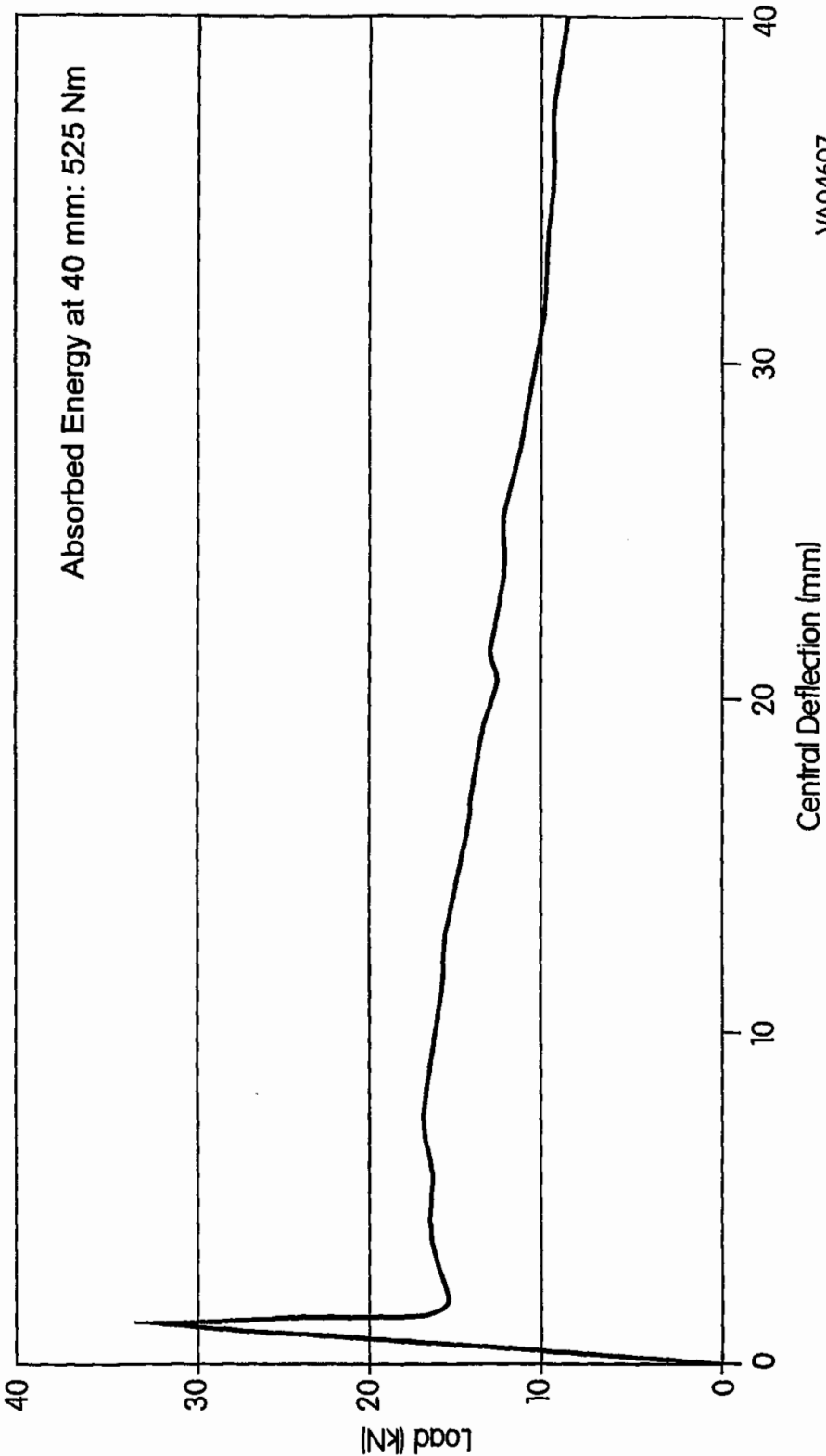
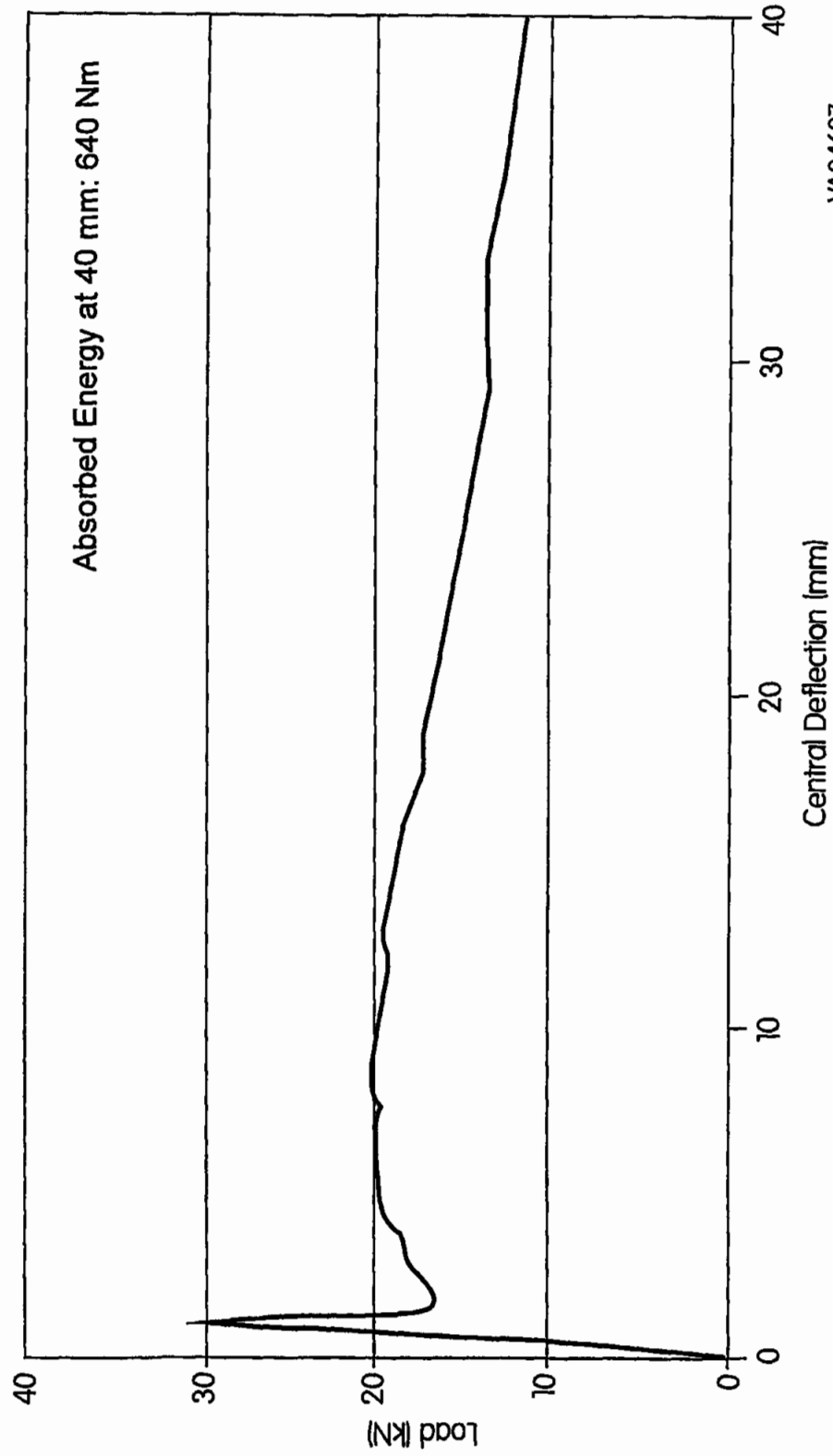


FIG. 27

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Shotcrete Round Panel Testing - Mixture F15
Hybrid Synthetic Structural Fibre, 1.5% vol., Wet-Mix Shotcrete

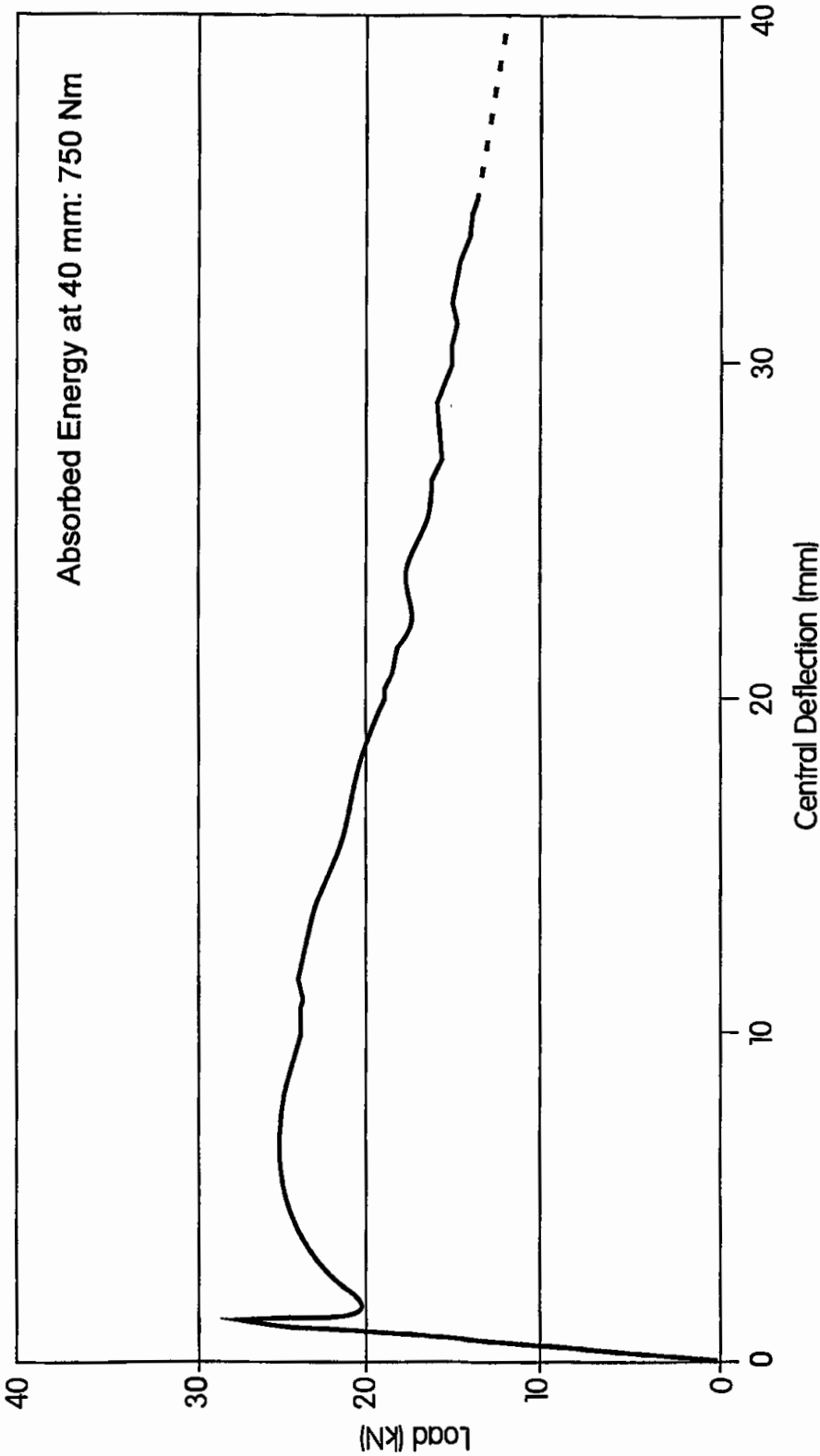


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Central Deflection (mm)

FIG. 28

Shotcrete Round Panel Testing - Mixture F20
Hybrid Synthetic Structural Fibre, 1.9% vol., Wet-Mix Shotcrete



Central Deflection (mm)

VA04607

FIG. 29

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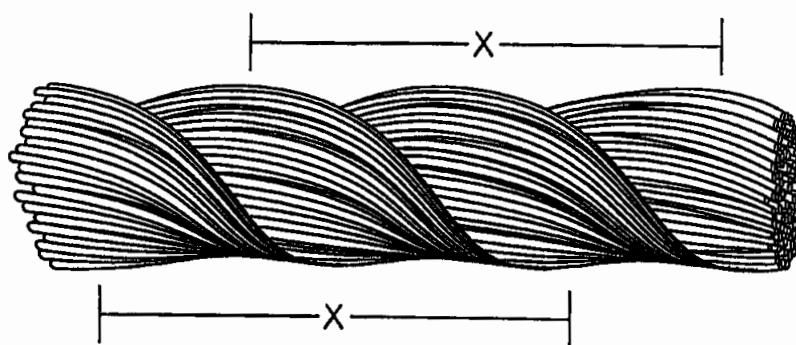


FIG. 30

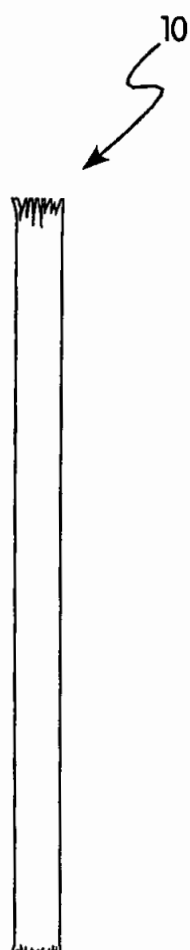


FIG. 31