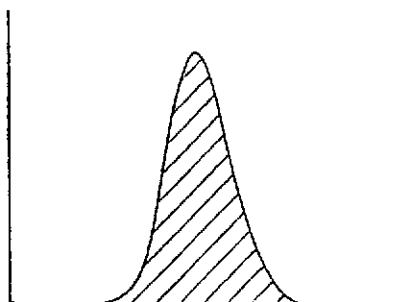
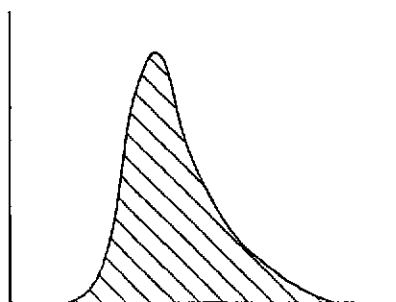
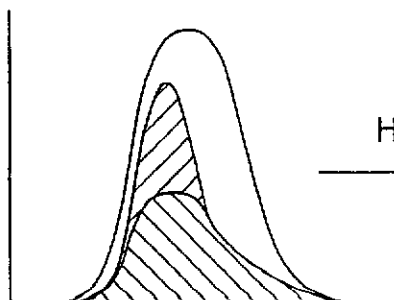
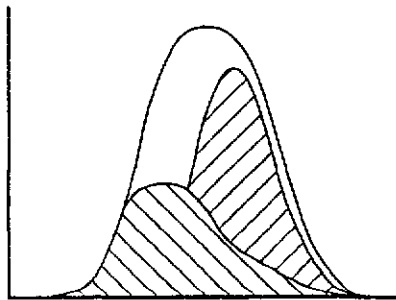


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Standard olefin polymerization process:
Homo polymer (frame I), with α,ω -diene (frame II).

I**II**

Two-stage olefin polymerization process:
Without and with increased hydrogen during diene
incorporation stage (frames III & IV, respectively).

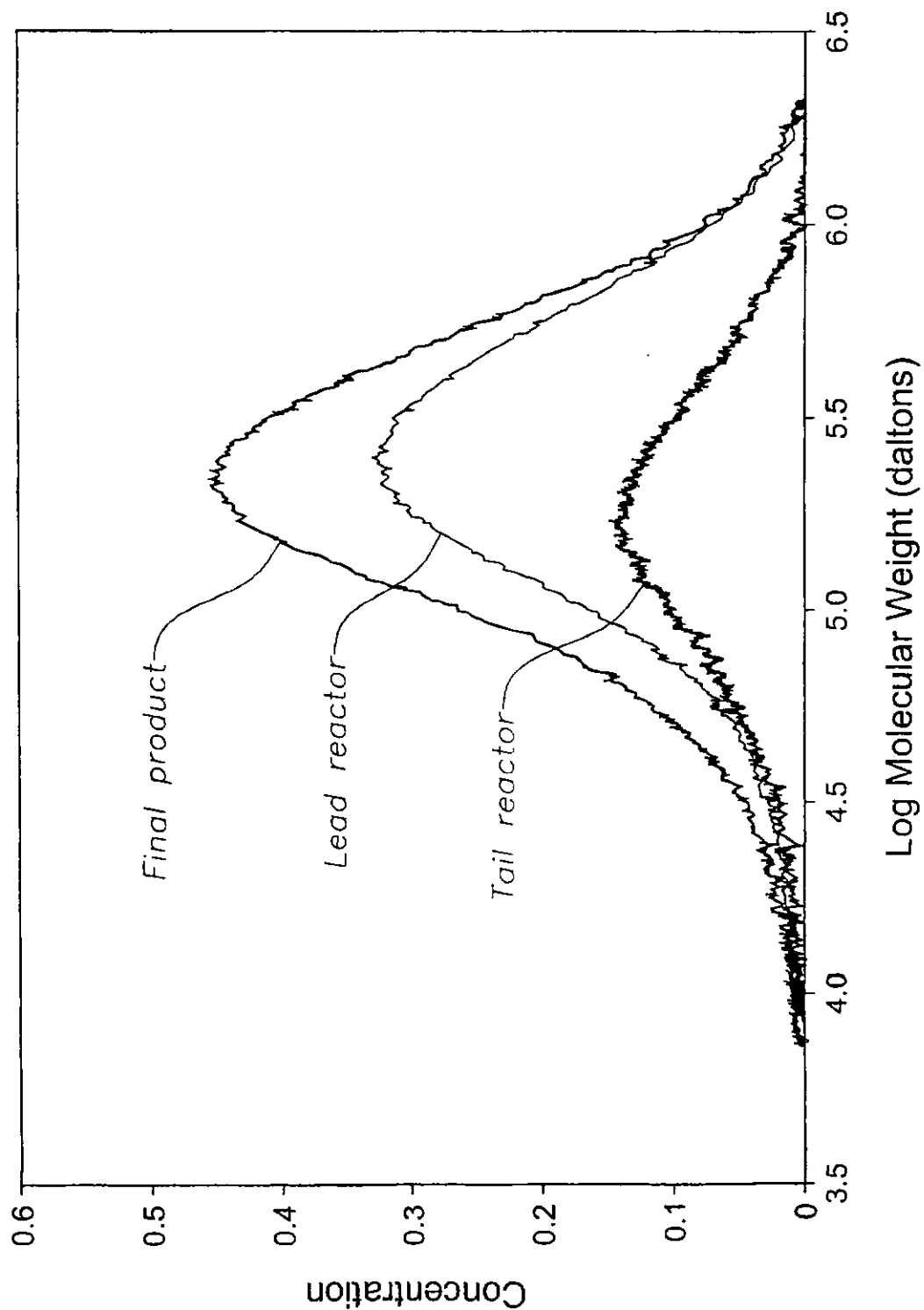
III**IV** H_2 →

Schematic representations of molecular weight distributions of olefin polymers.

Fig. 1

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Fig. 2 Molecular weight distributions of lead and tail reactor components of Example 12



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Fig. 3 Molecular weight distributions of lead and tail reactor components of Example 13

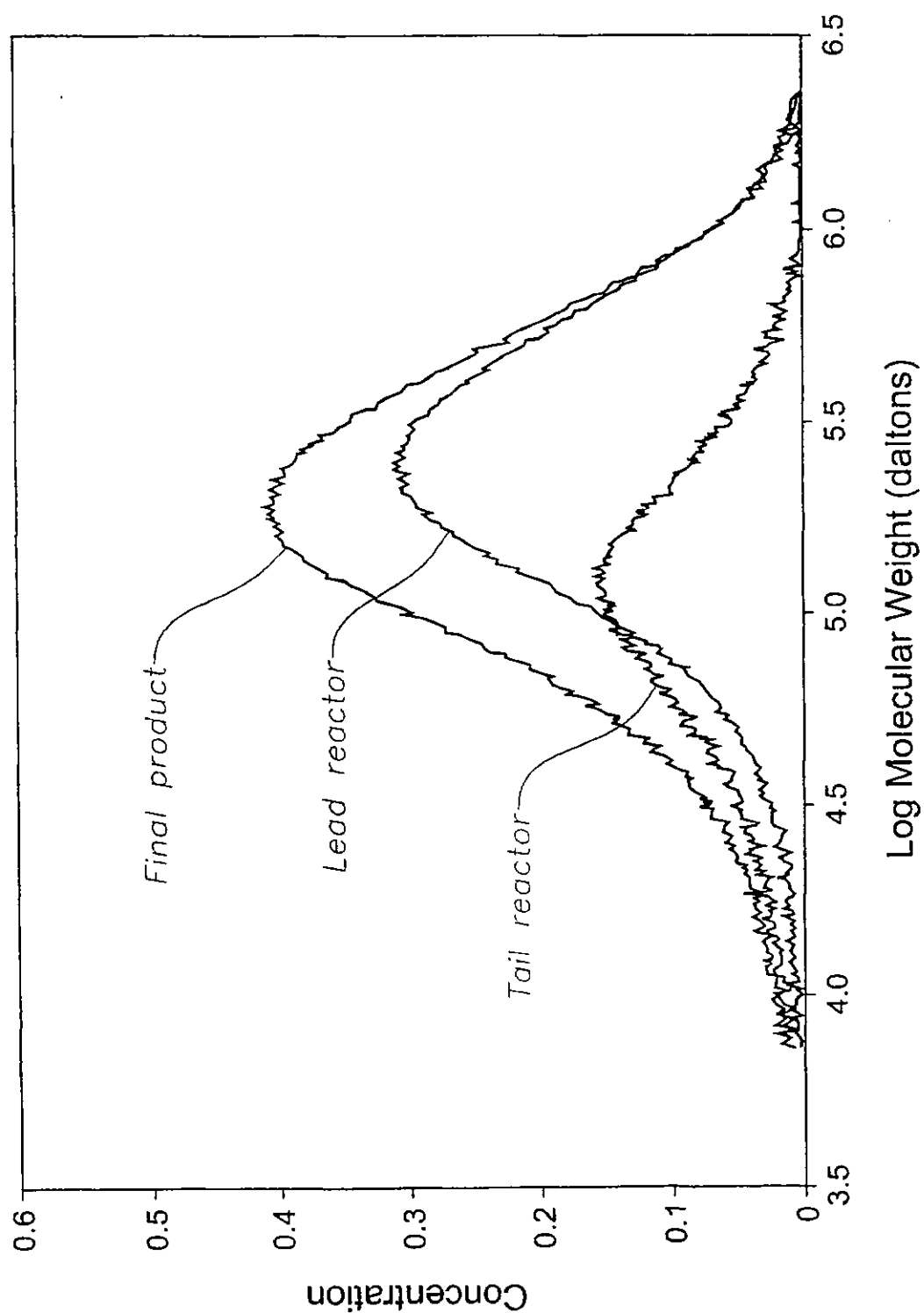
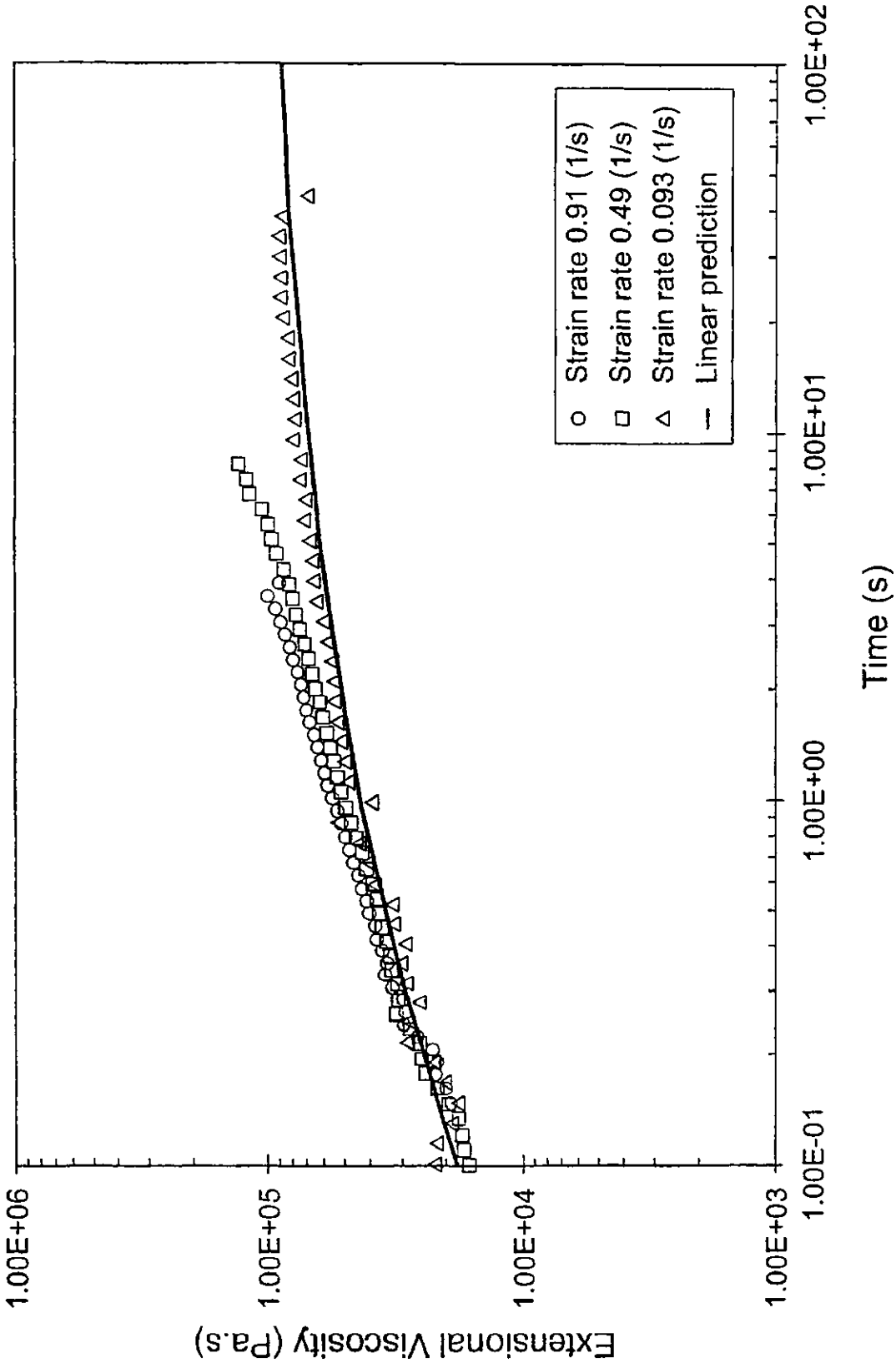


Fig. 4 Extensional Viscosity Growth Curve for Example 11



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Fig. 5 Extensional Viscosity Growth Curve for Example 12

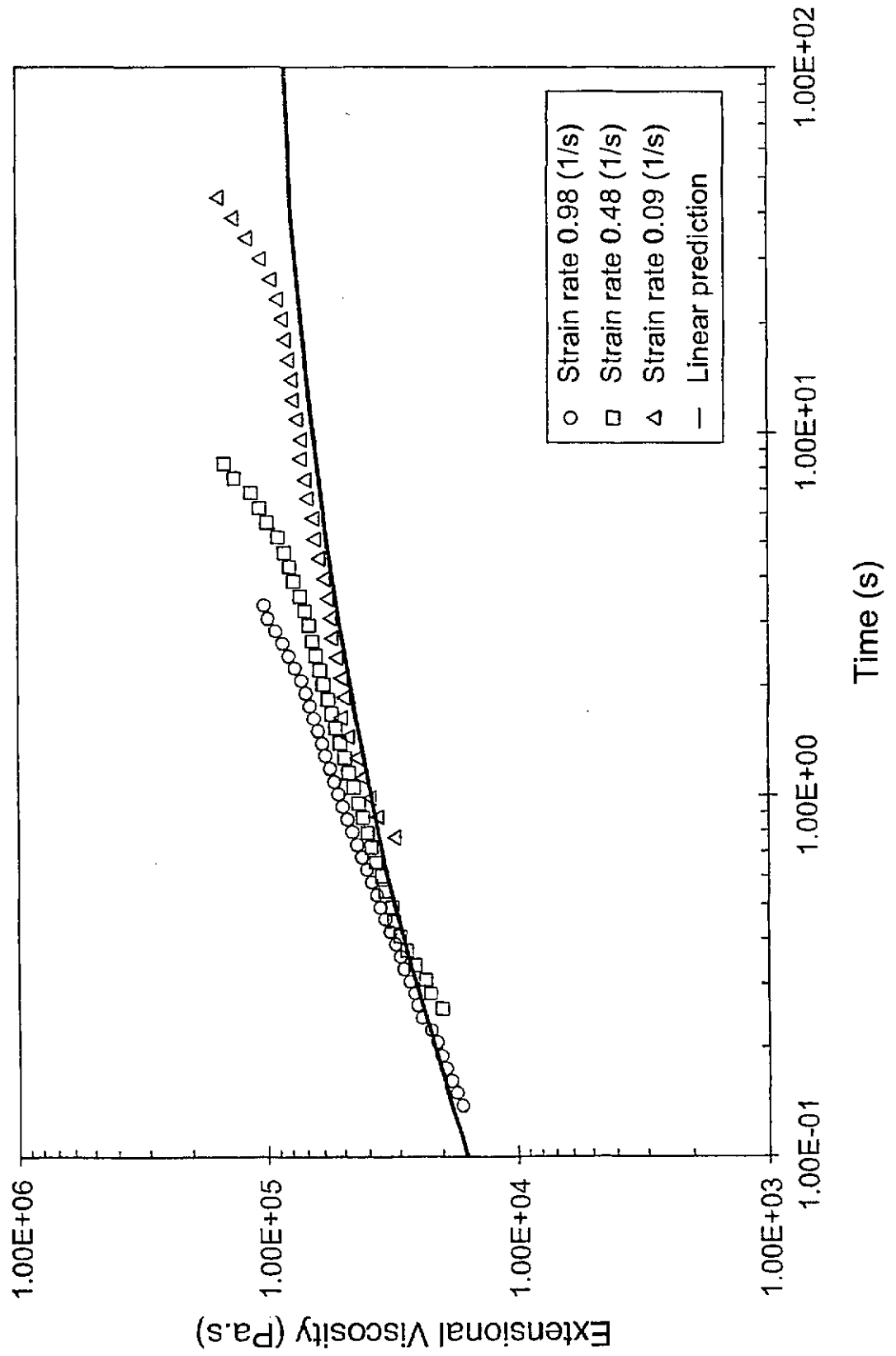


Fig. 6 Extensional Viscosity Growth Curve for Example 13

