

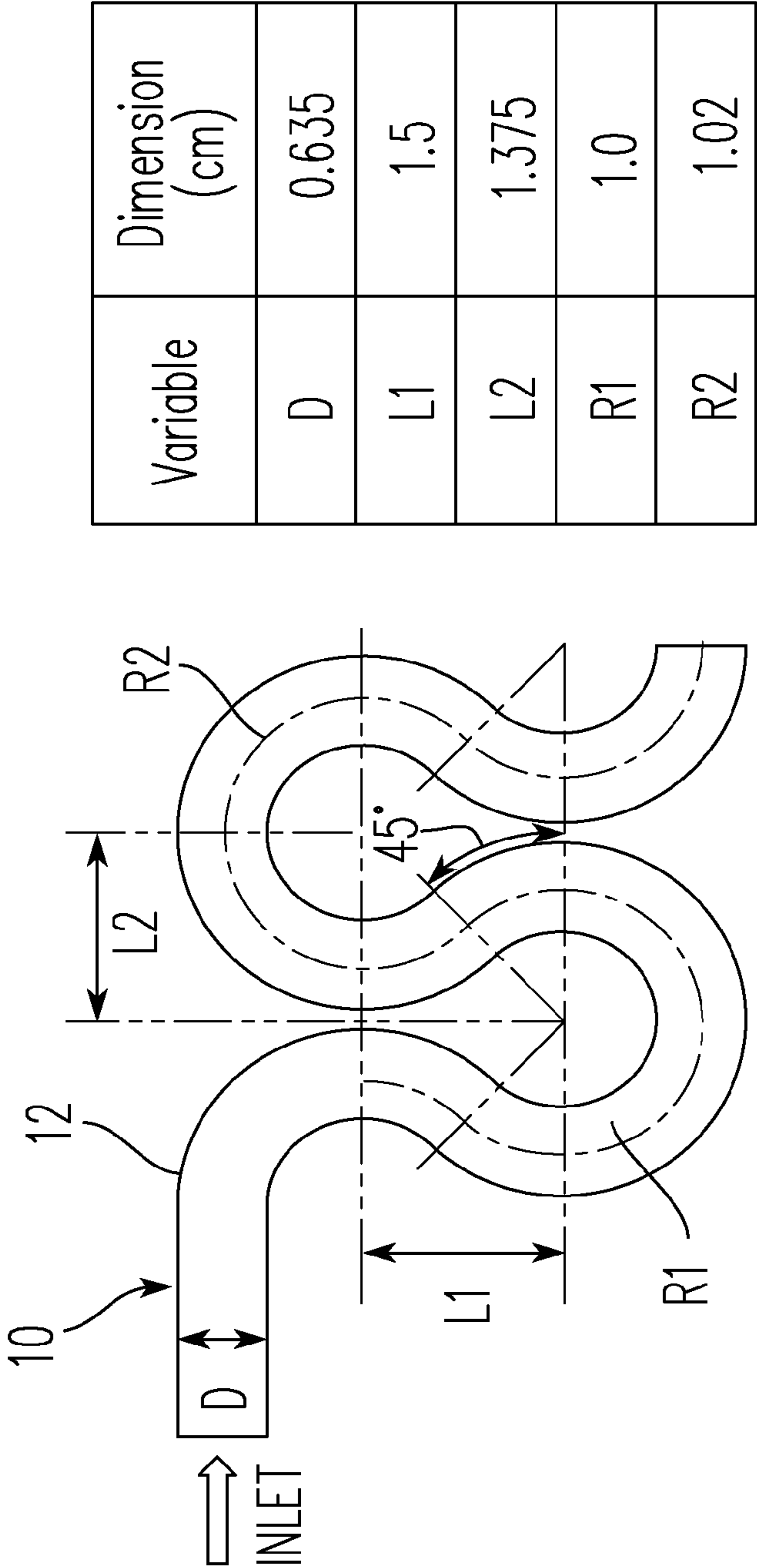
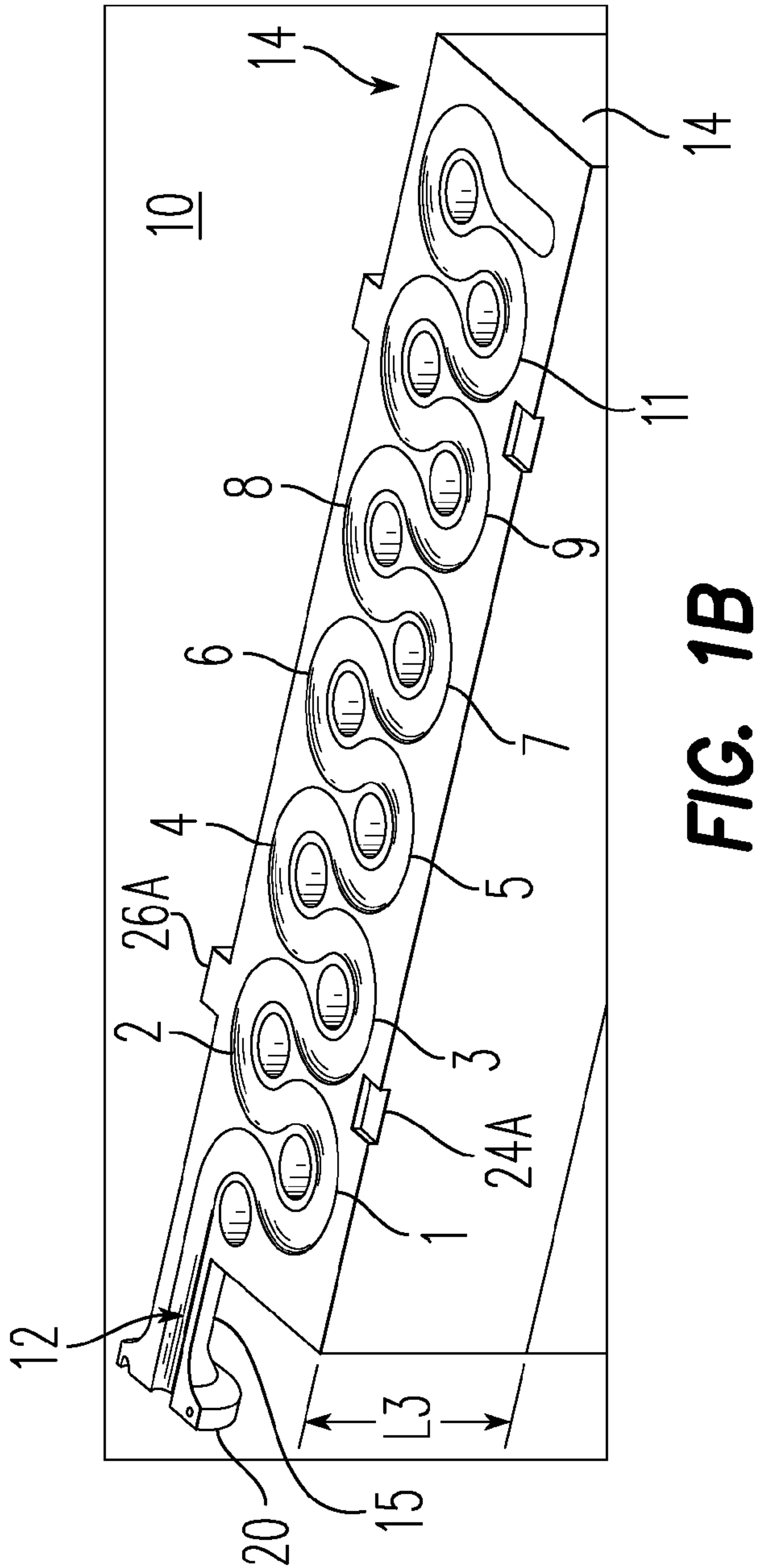
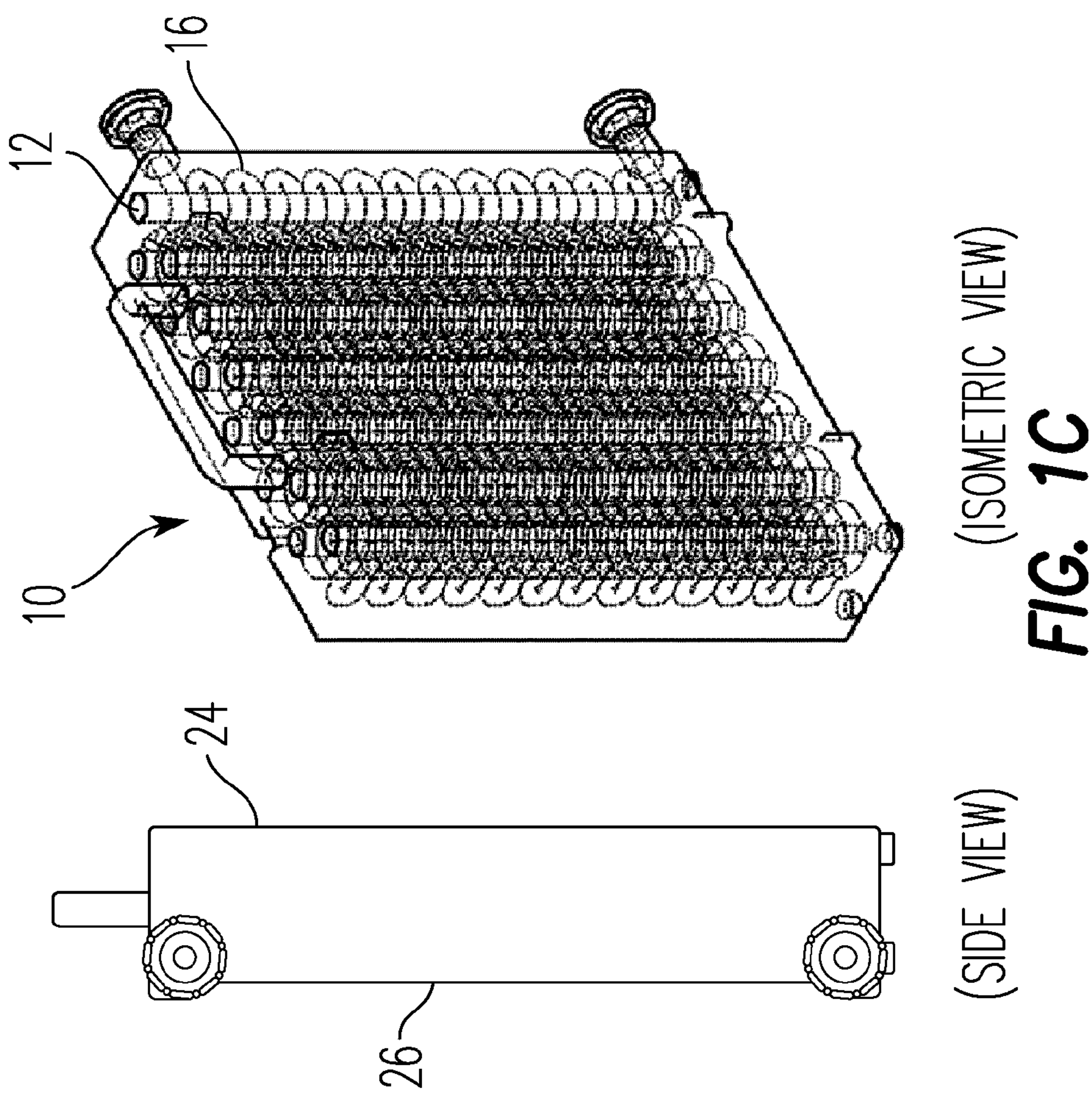


FIG. 1A





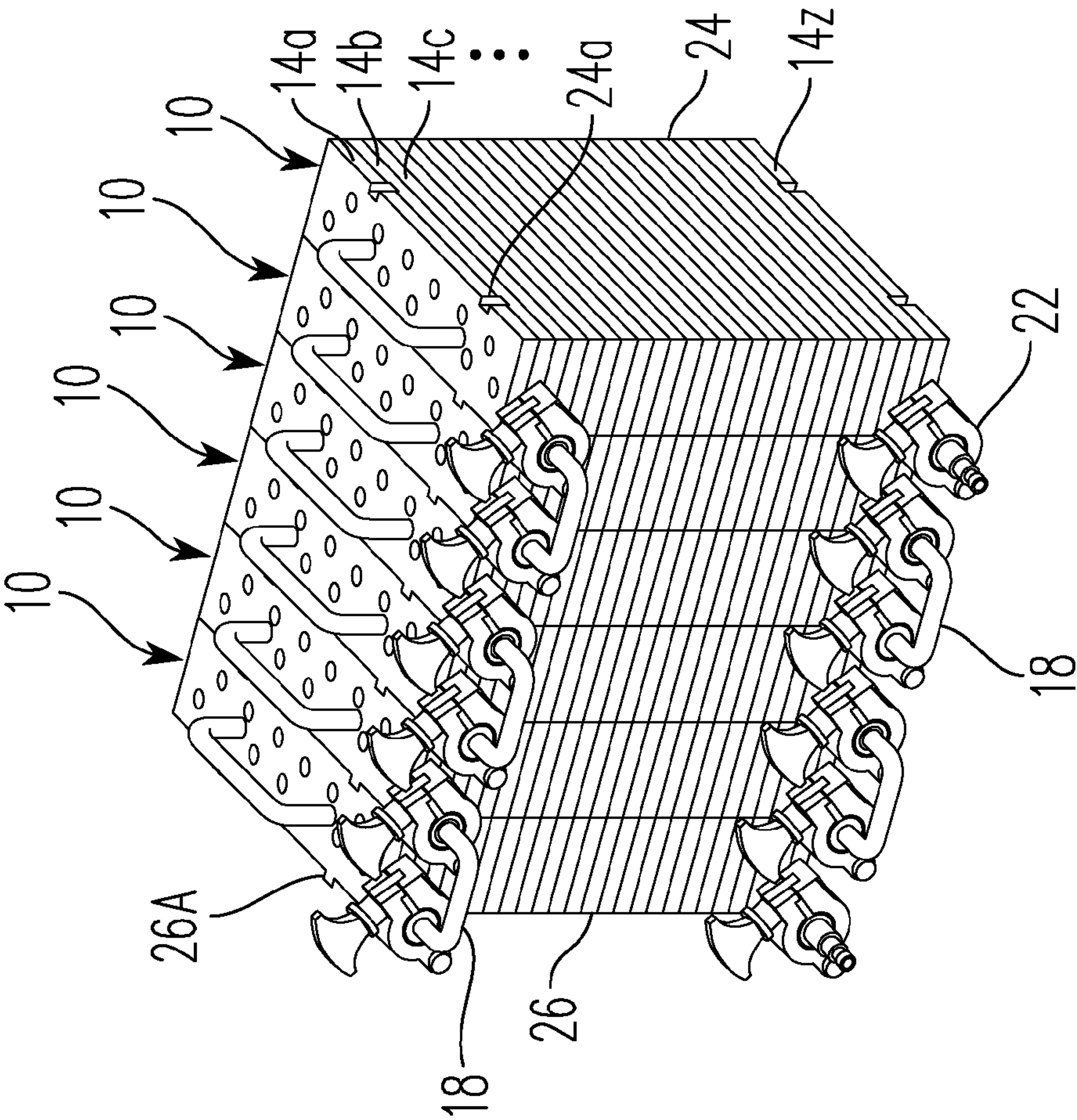


FIG. 1D

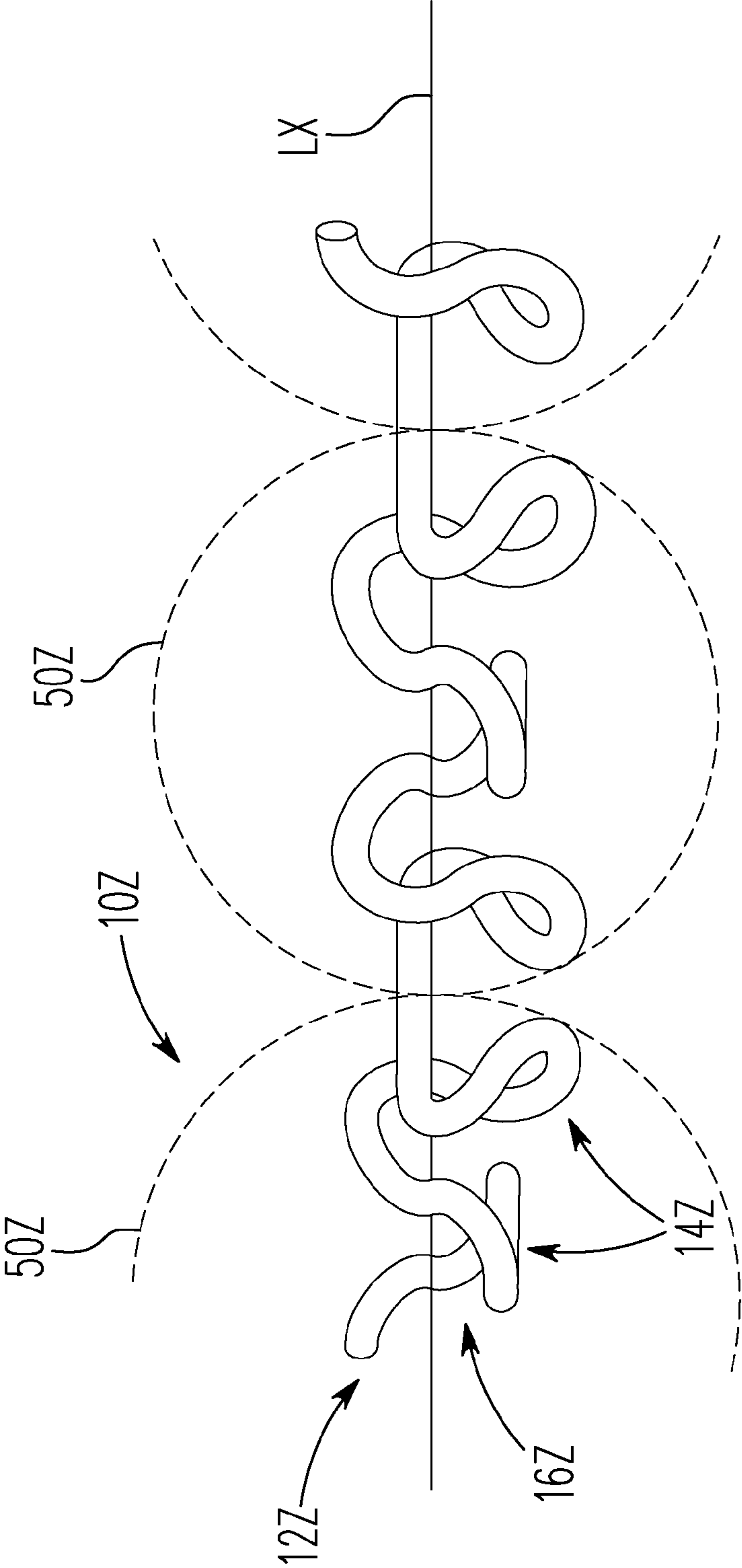


FIG. 1E

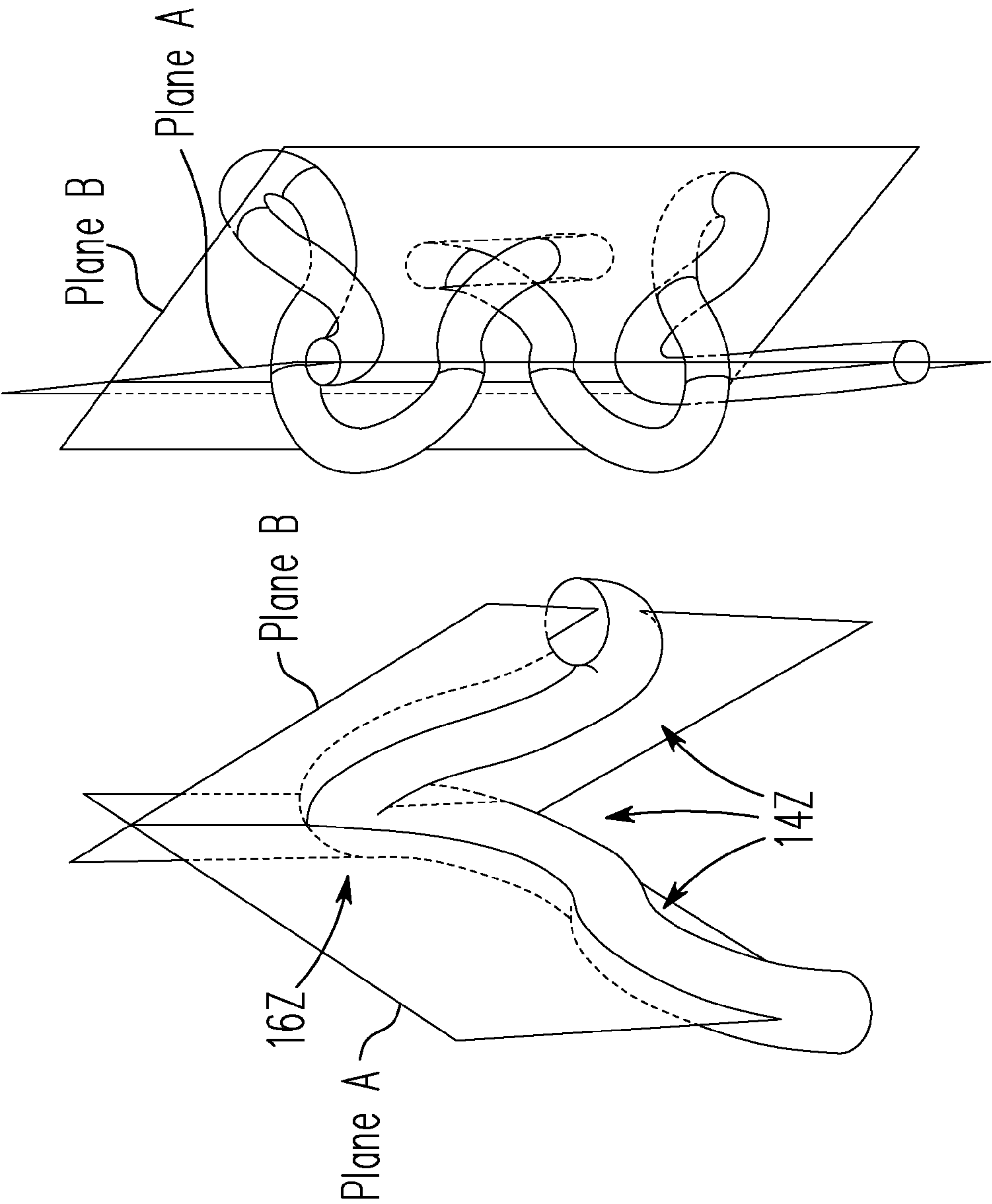
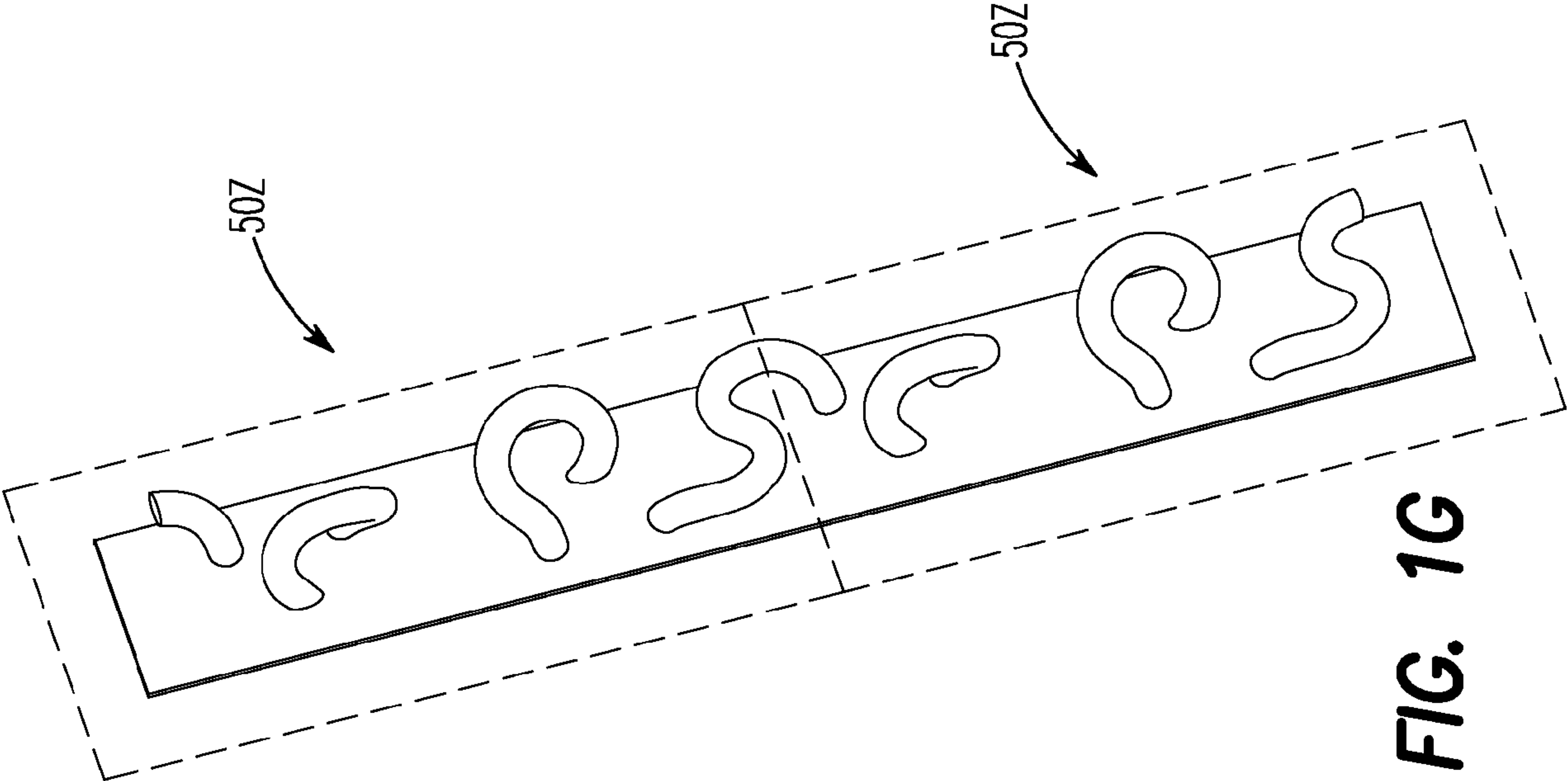


FIG. 1F



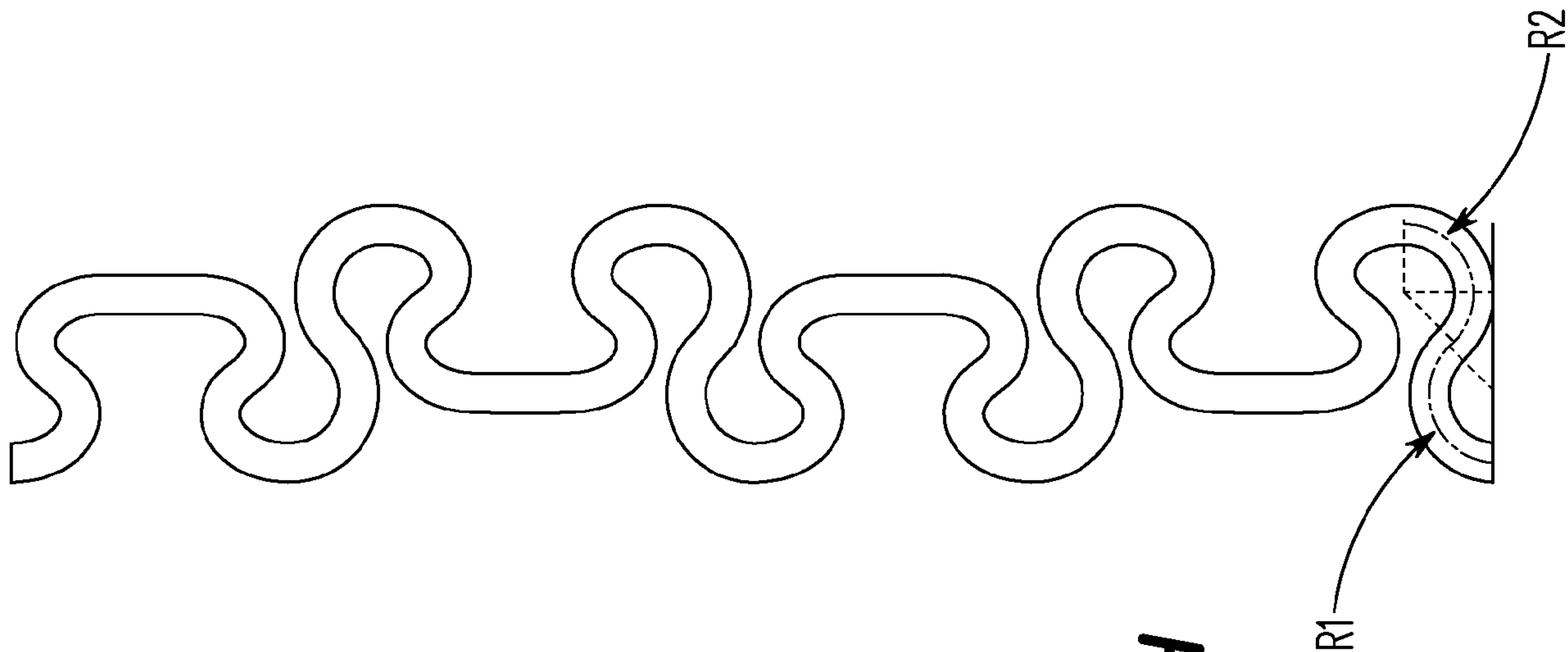


FIG. 1H

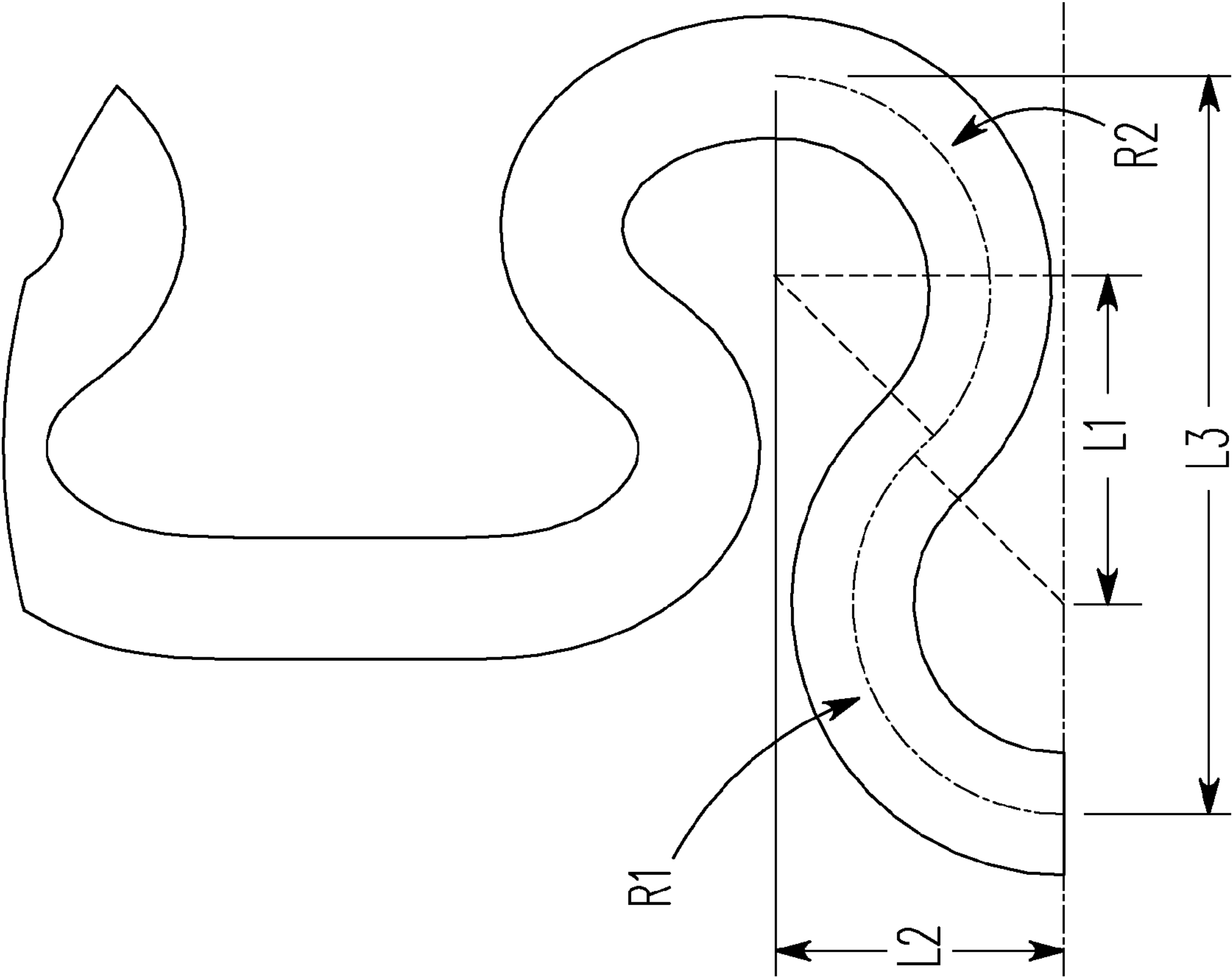
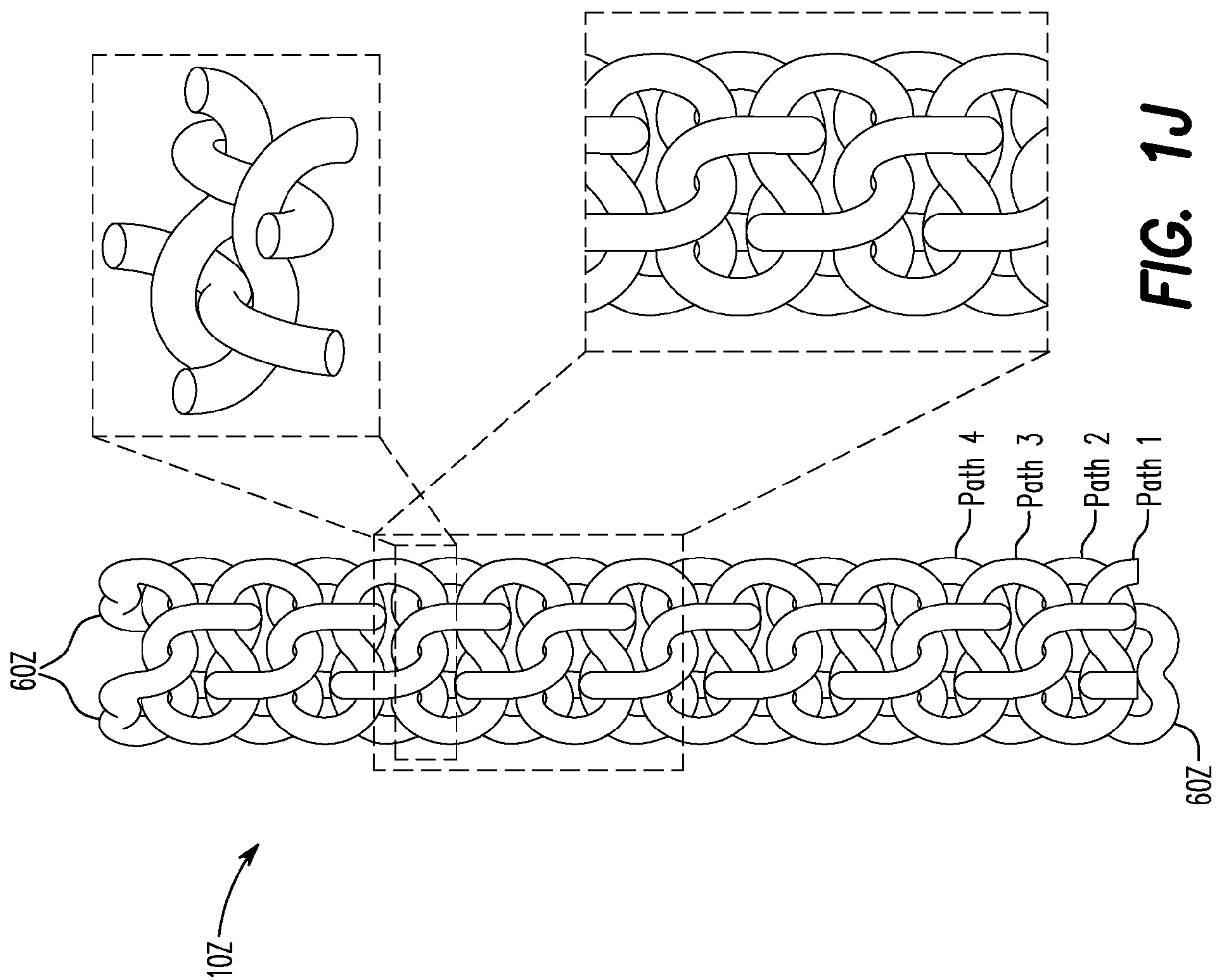


FIG. 11



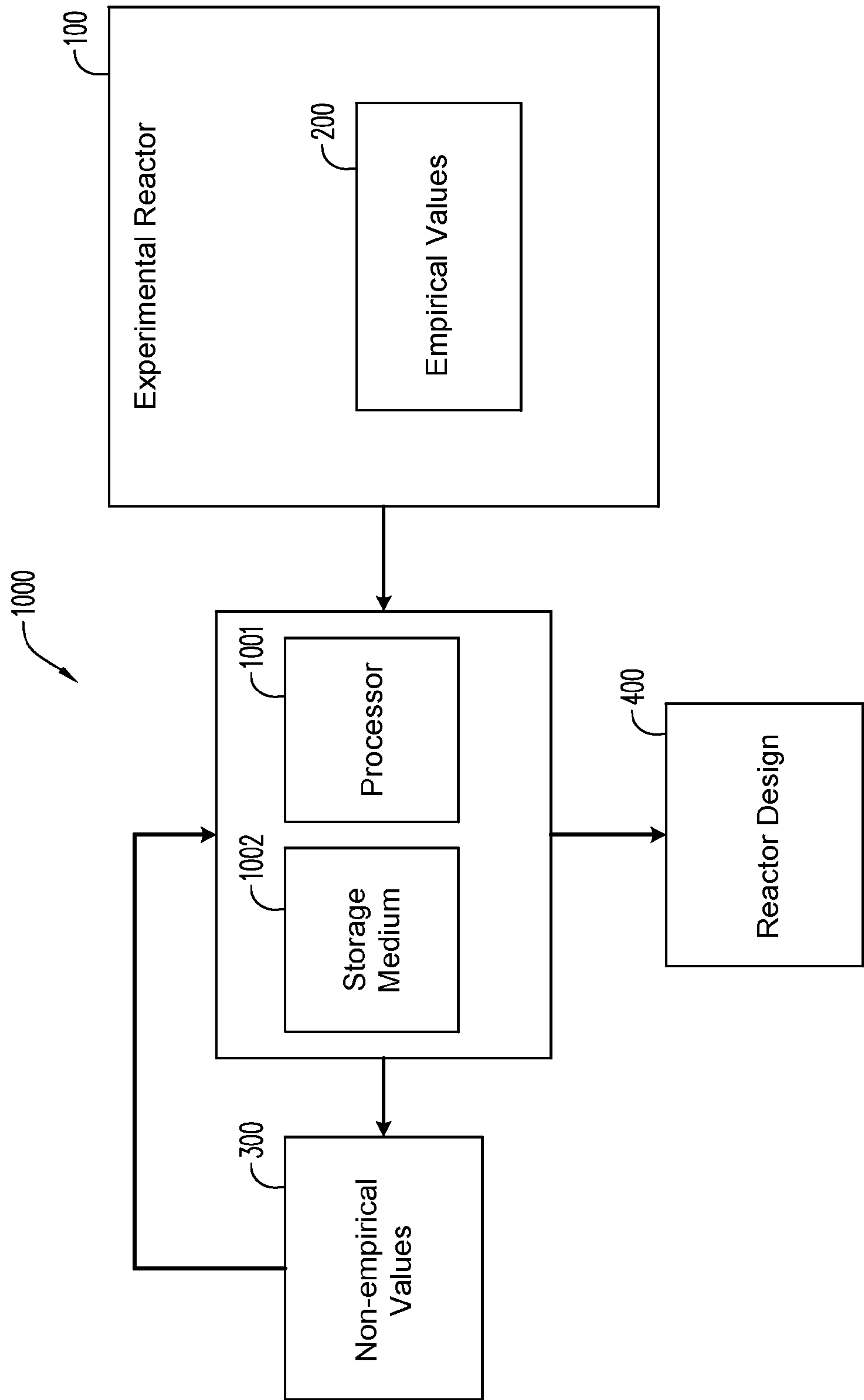


FIG. 1K

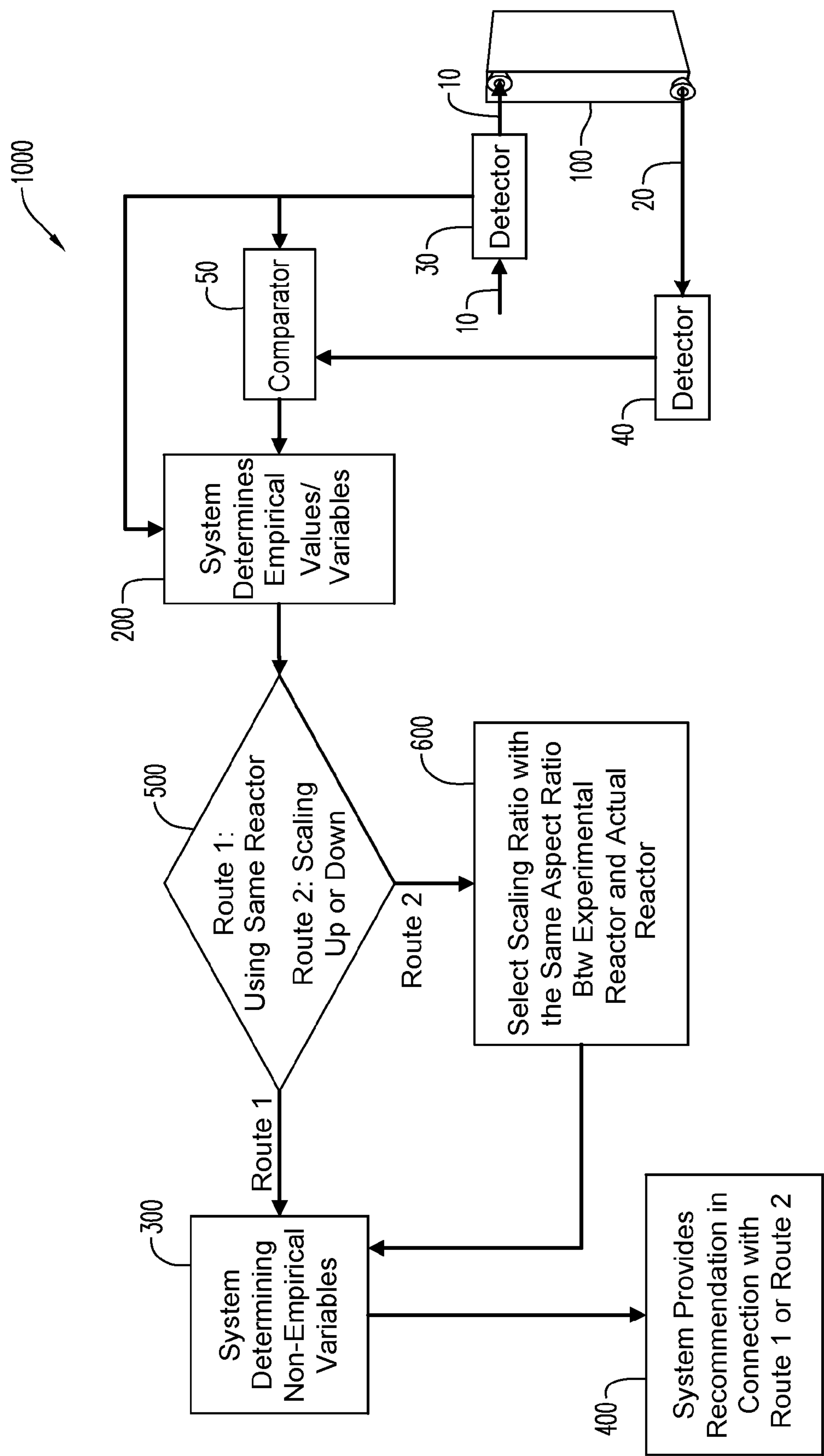


FIG. 2A

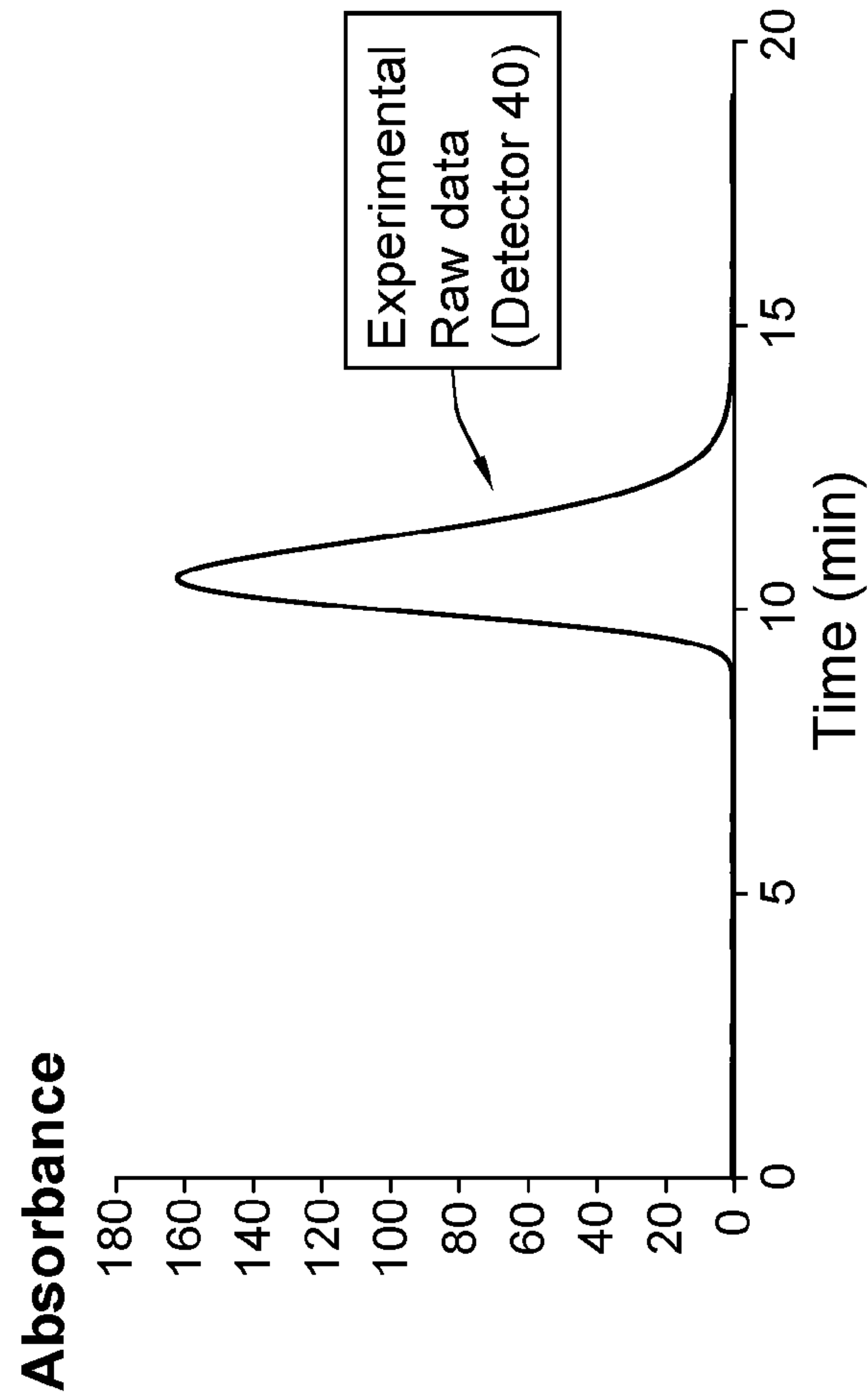


FIG. 2B

Input 30:
• Water
• JIB(1)
• 50 mL/min
• 1644 cm path length
• 520 mL reactor
• Dean Number=118.94

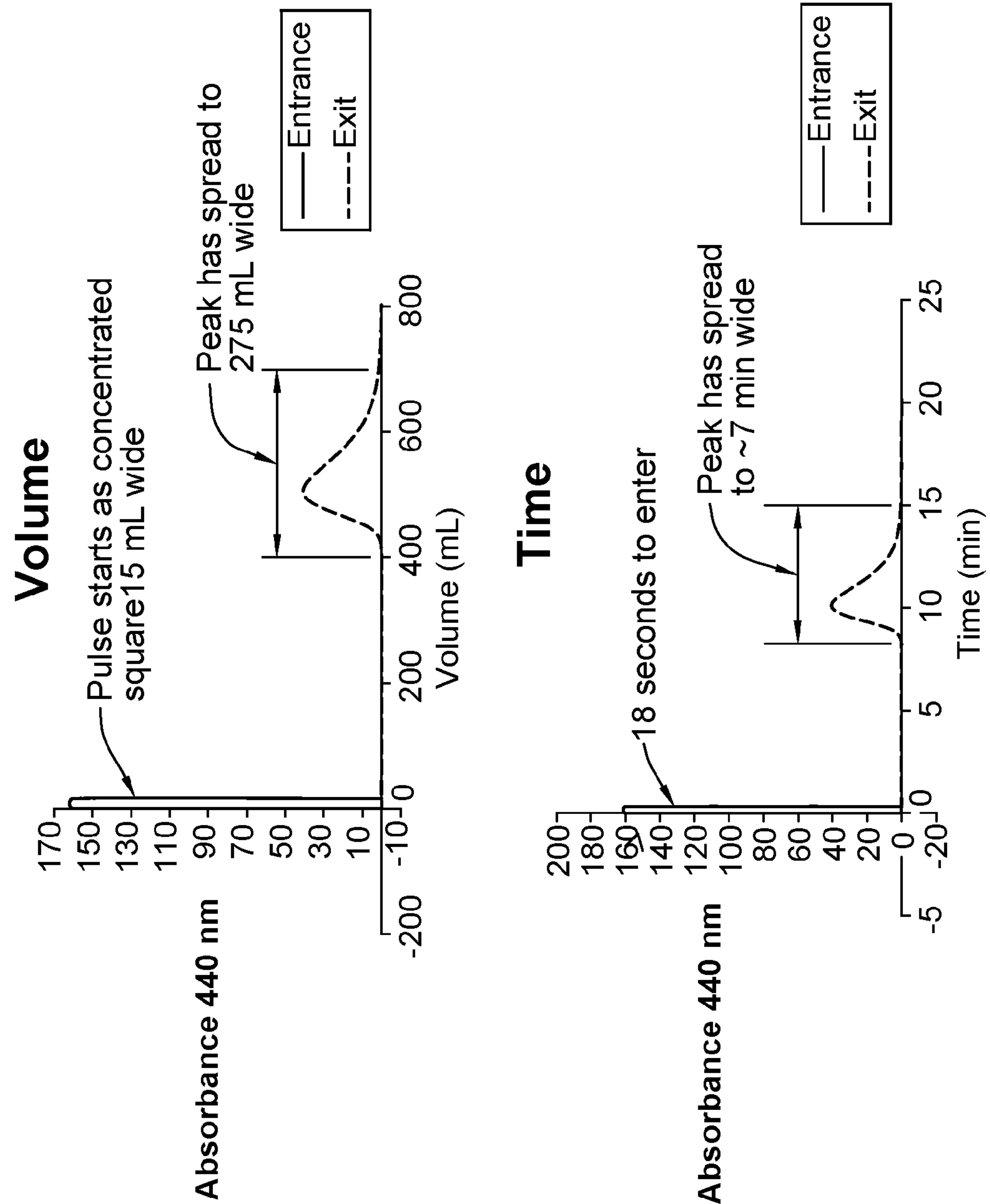


FIG. 2C

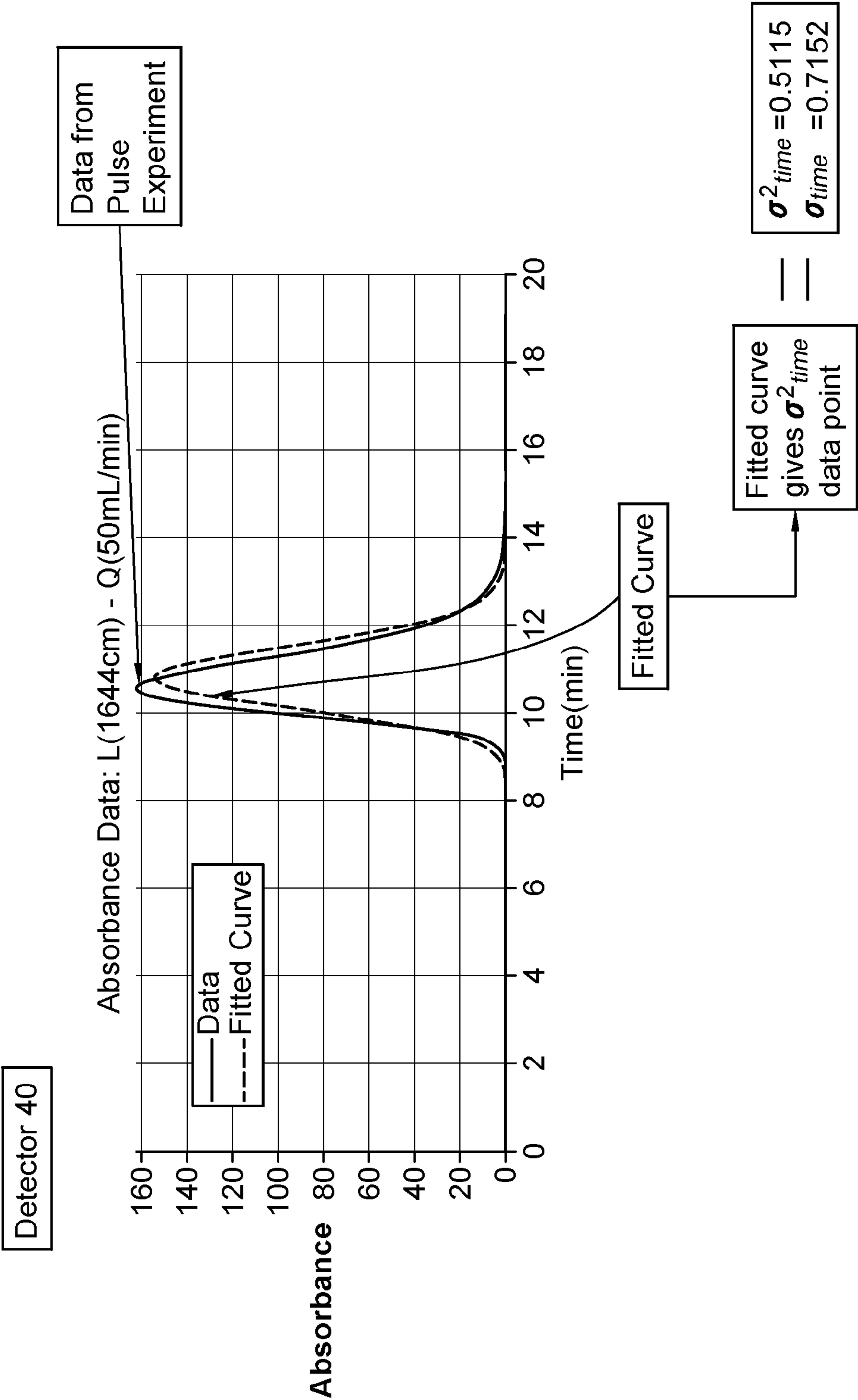


FIG. 2D

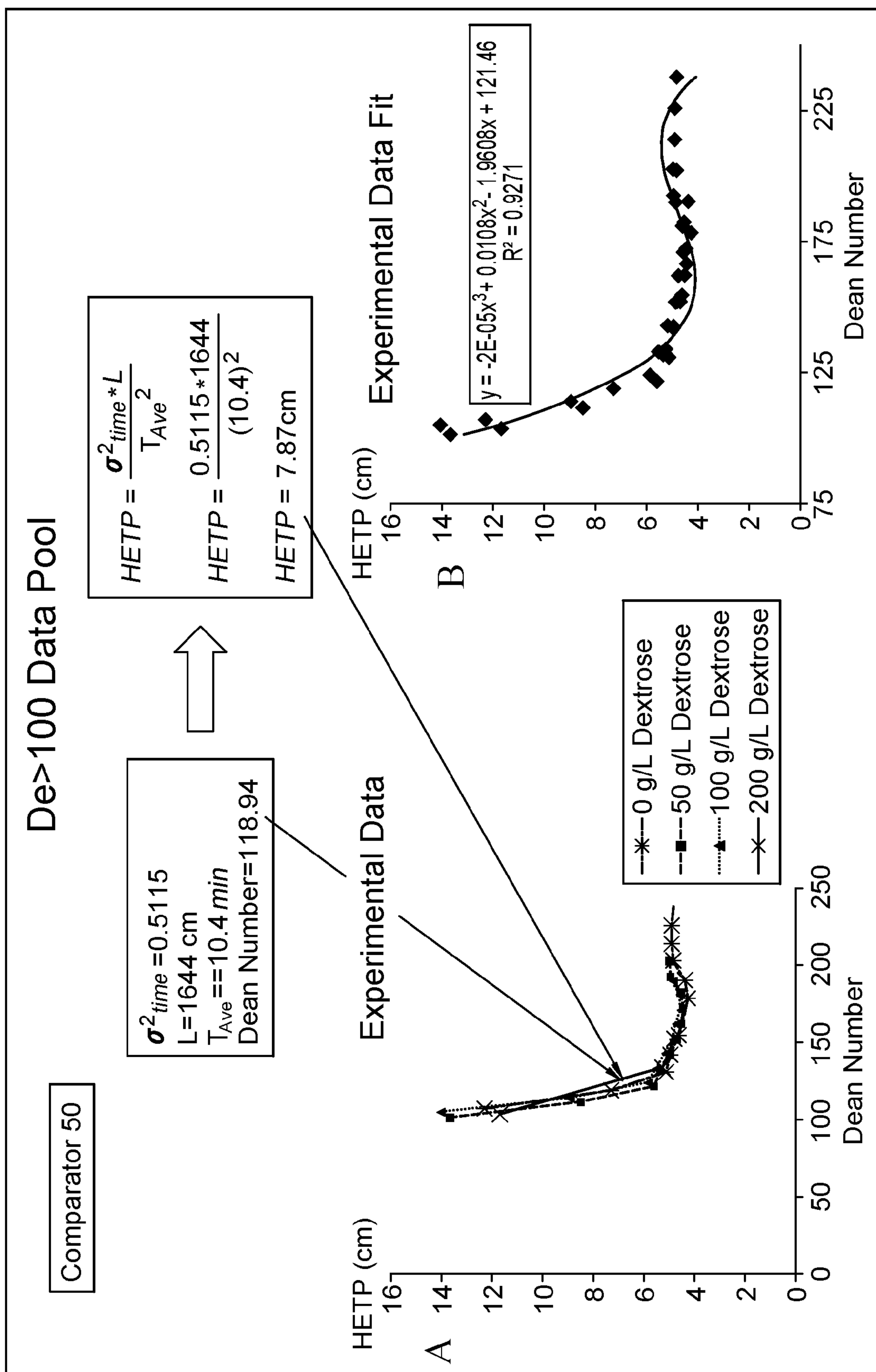


FIG. 2E

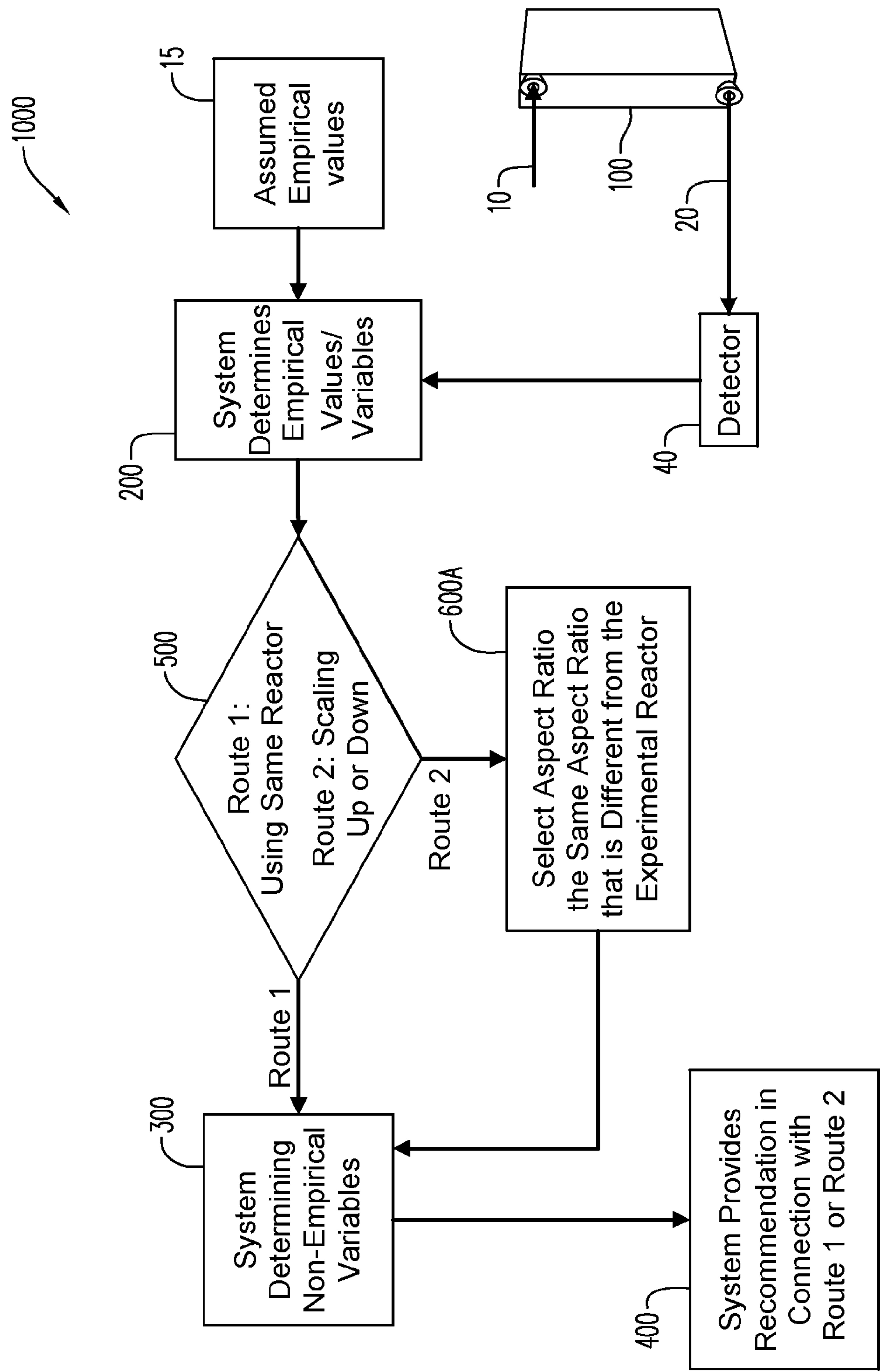


FIG. 3

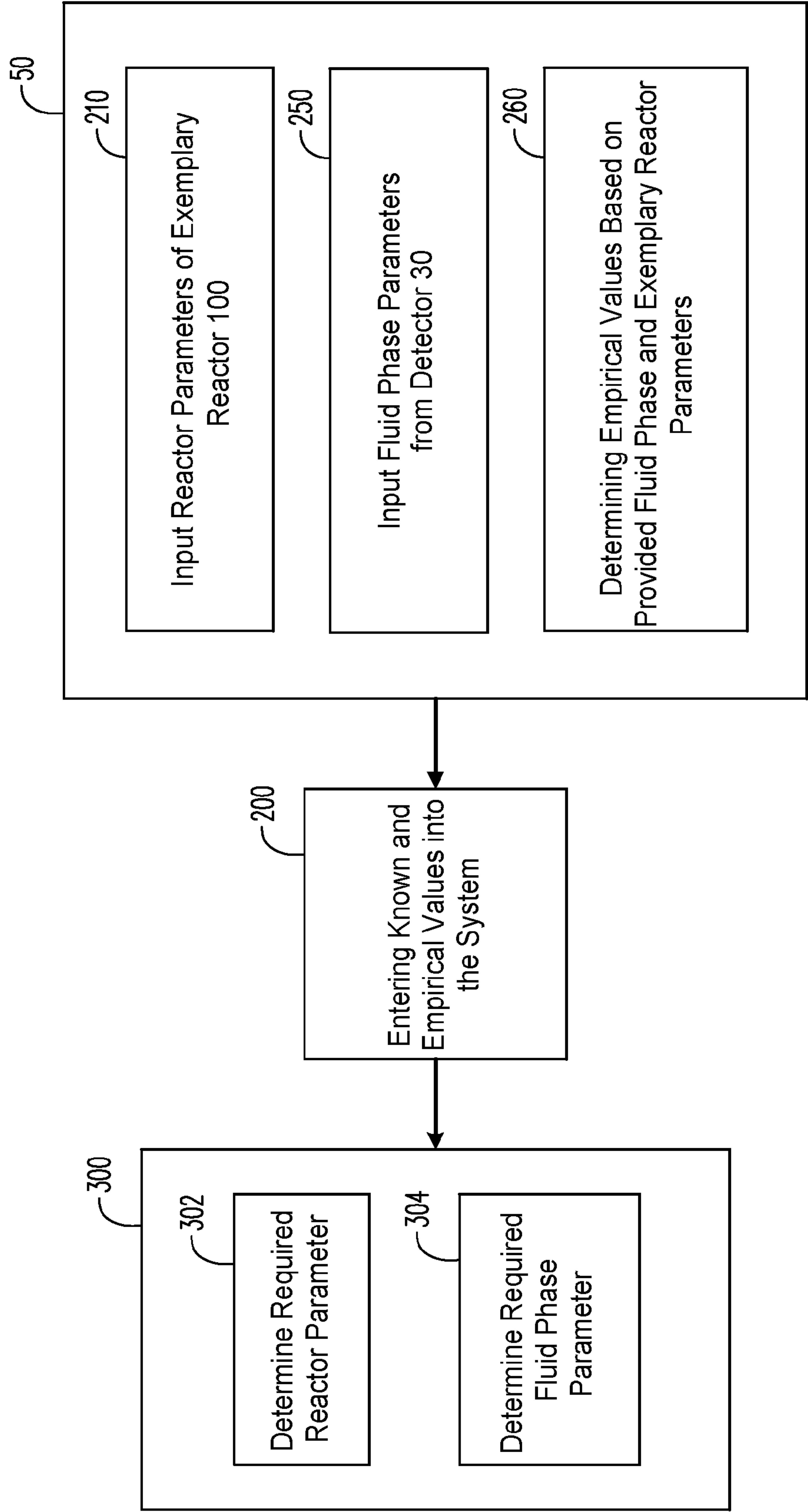


FIG. 4

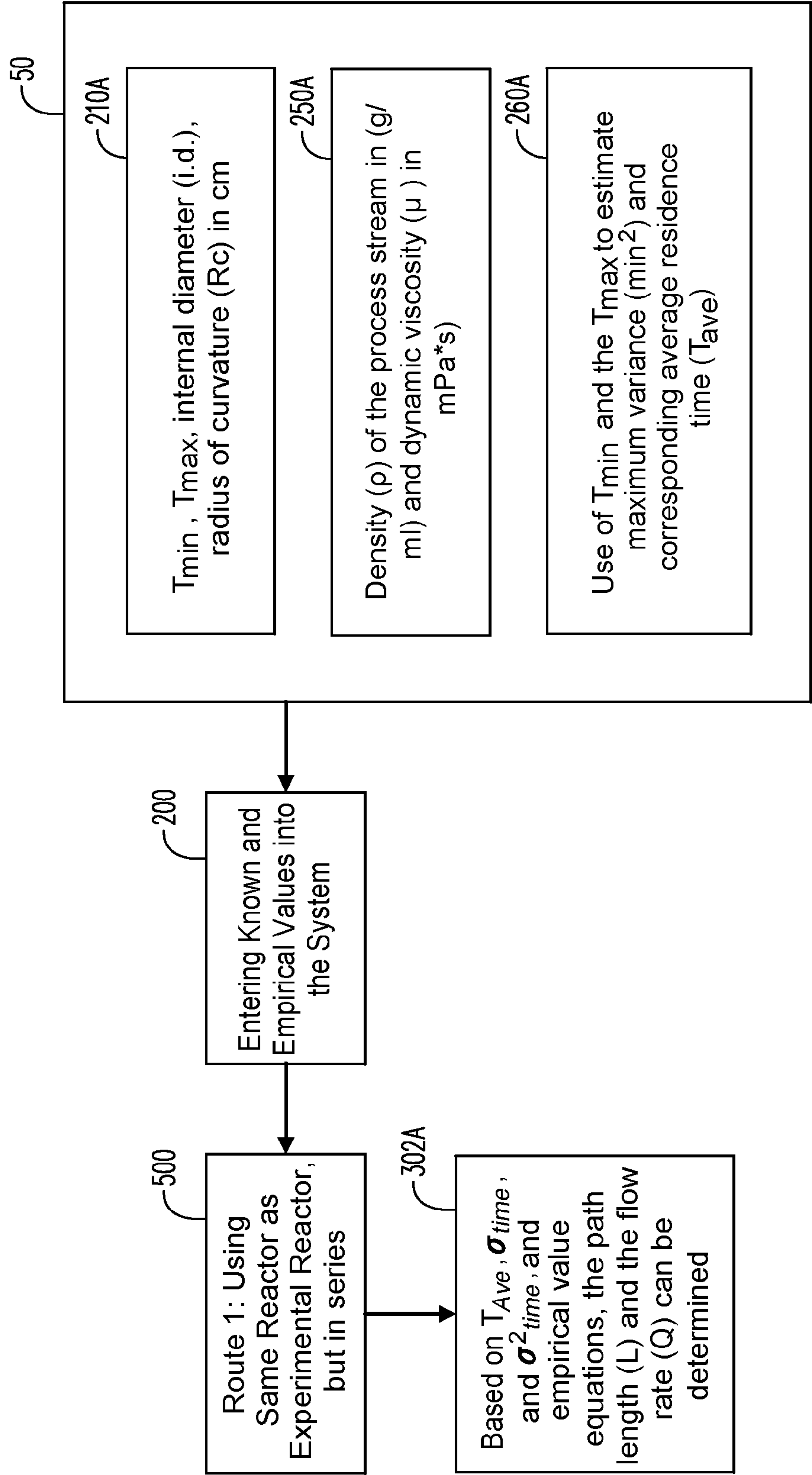


FIG. 5A

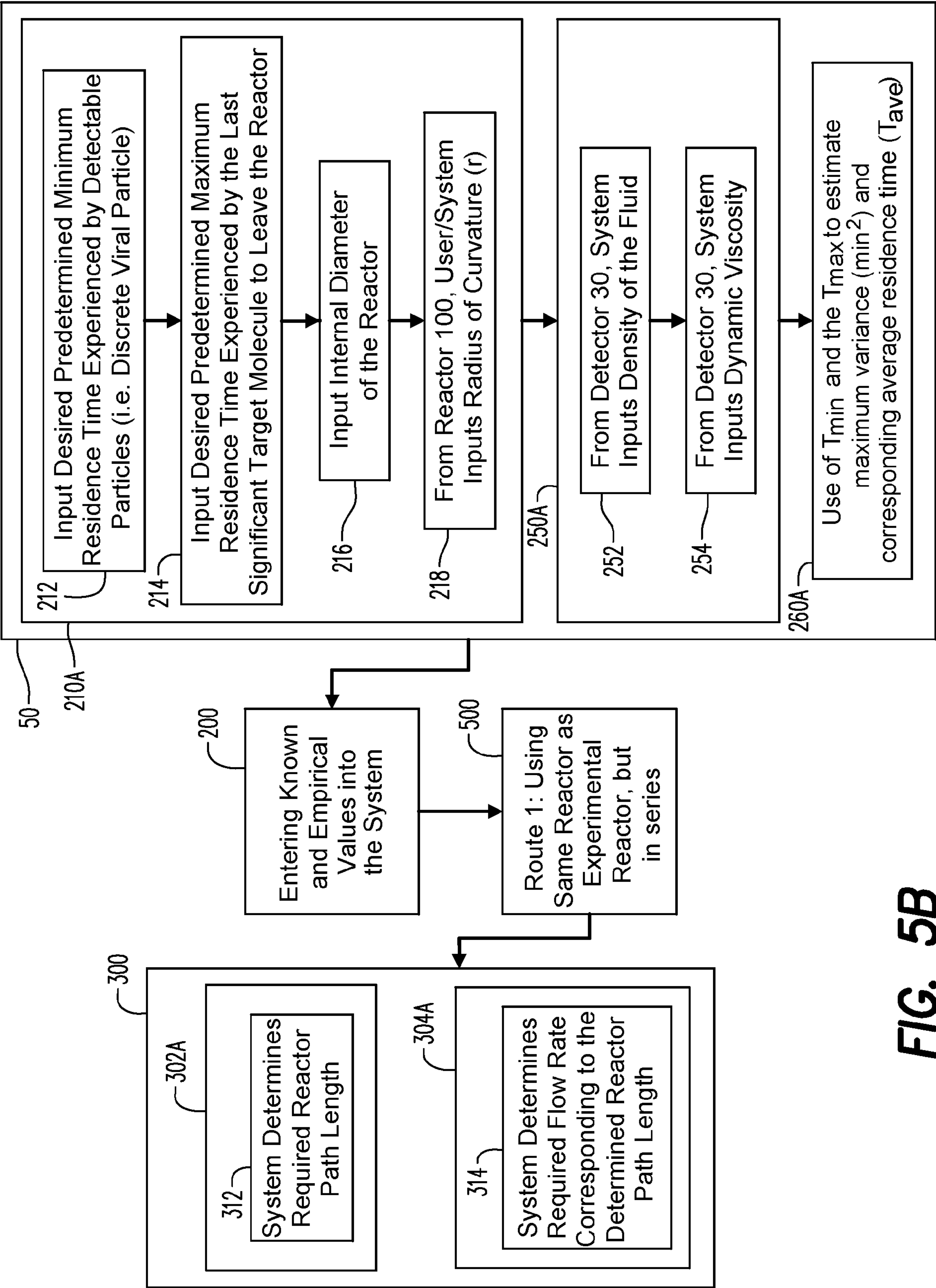


FIG. 5B

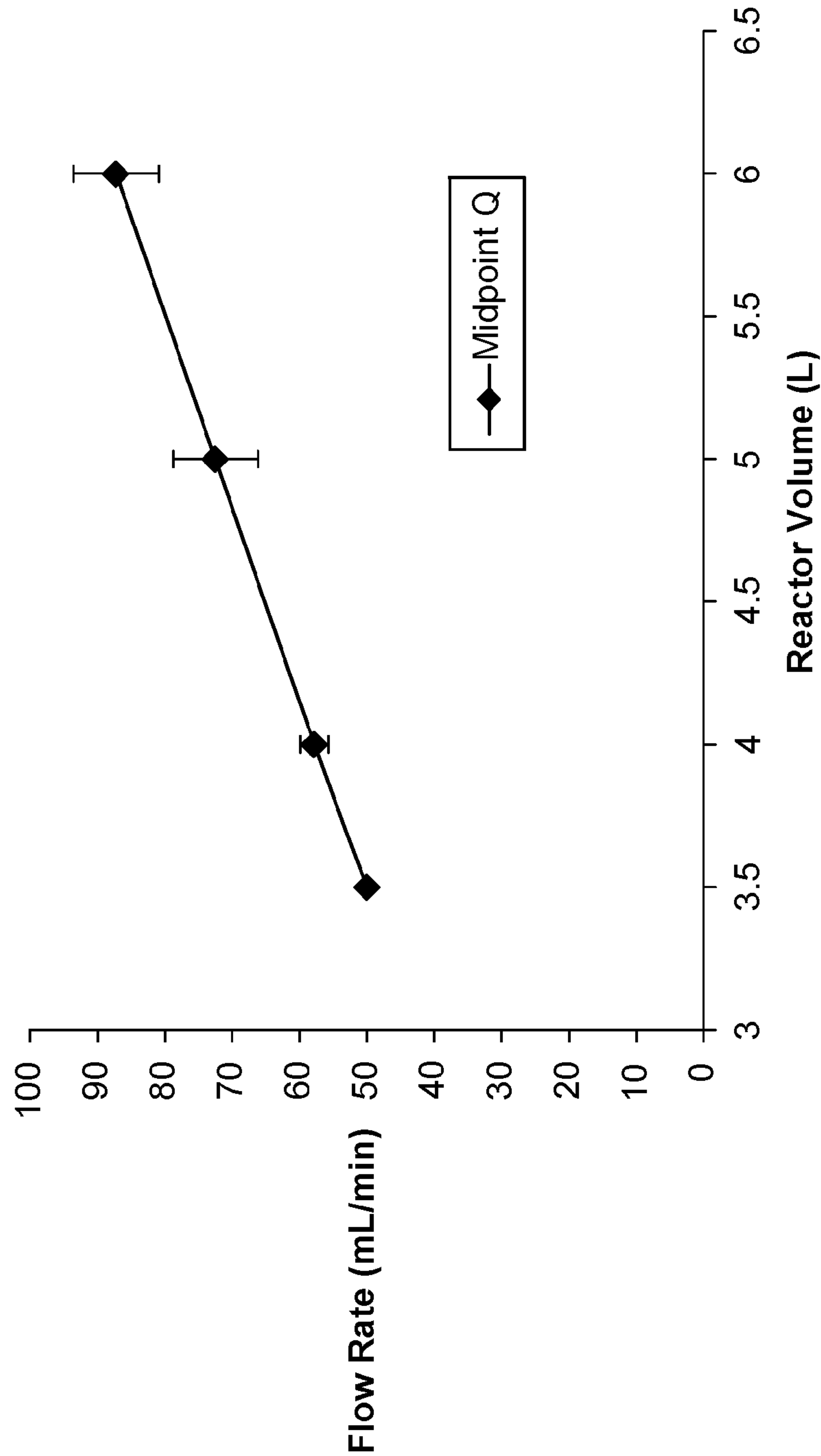


FIG. 5C

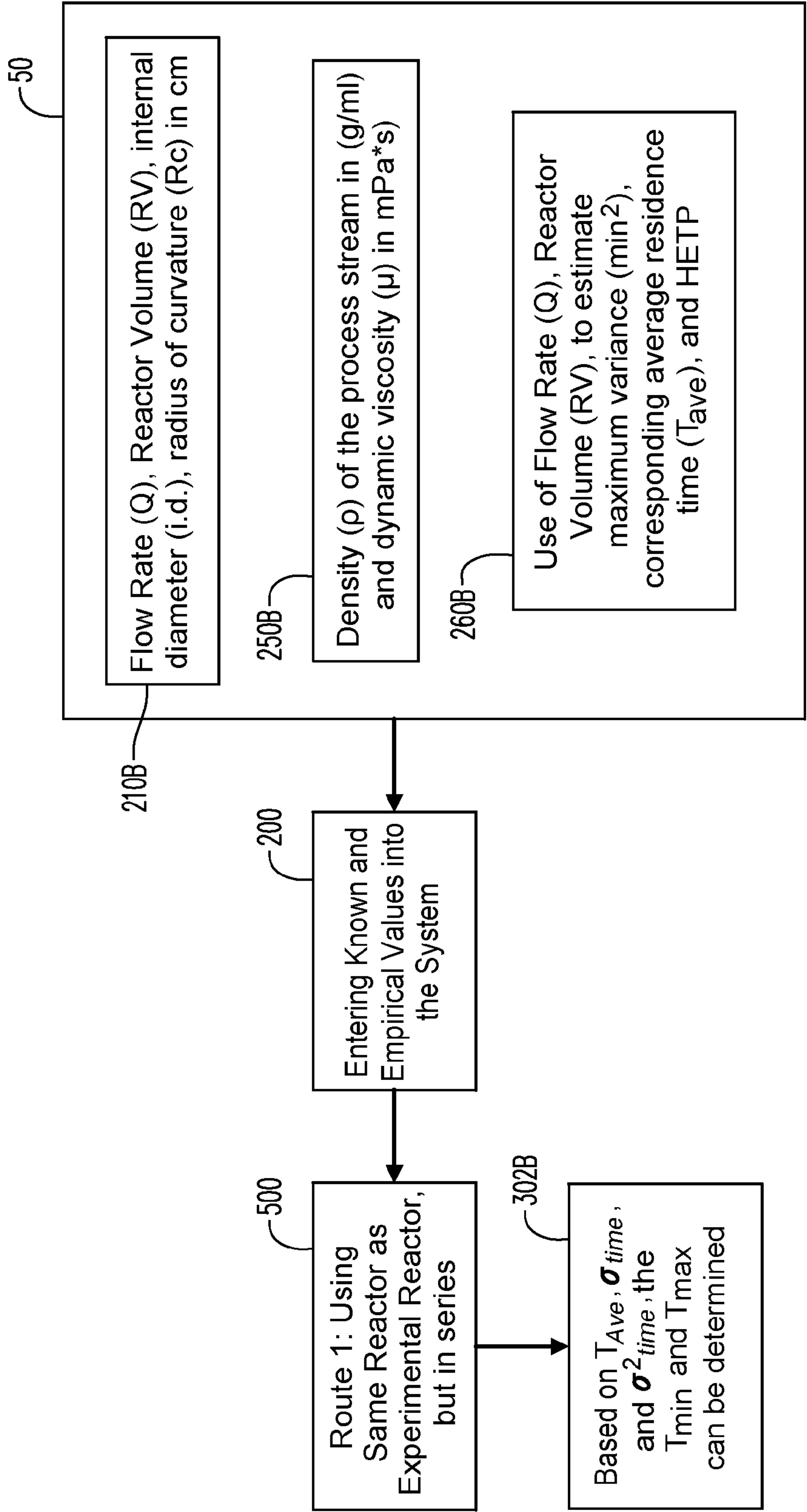


FIG. 6A

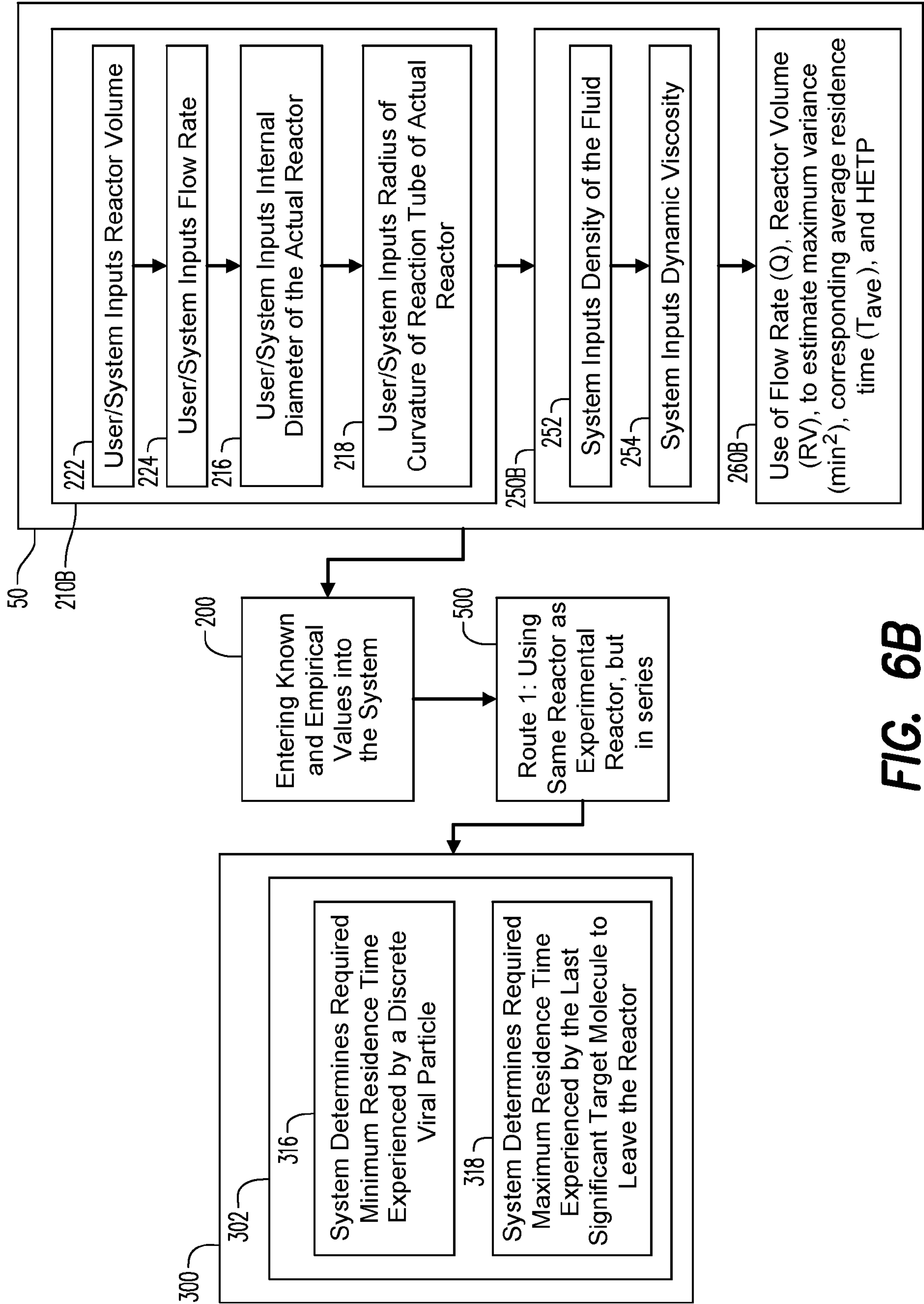


FIG. 6B

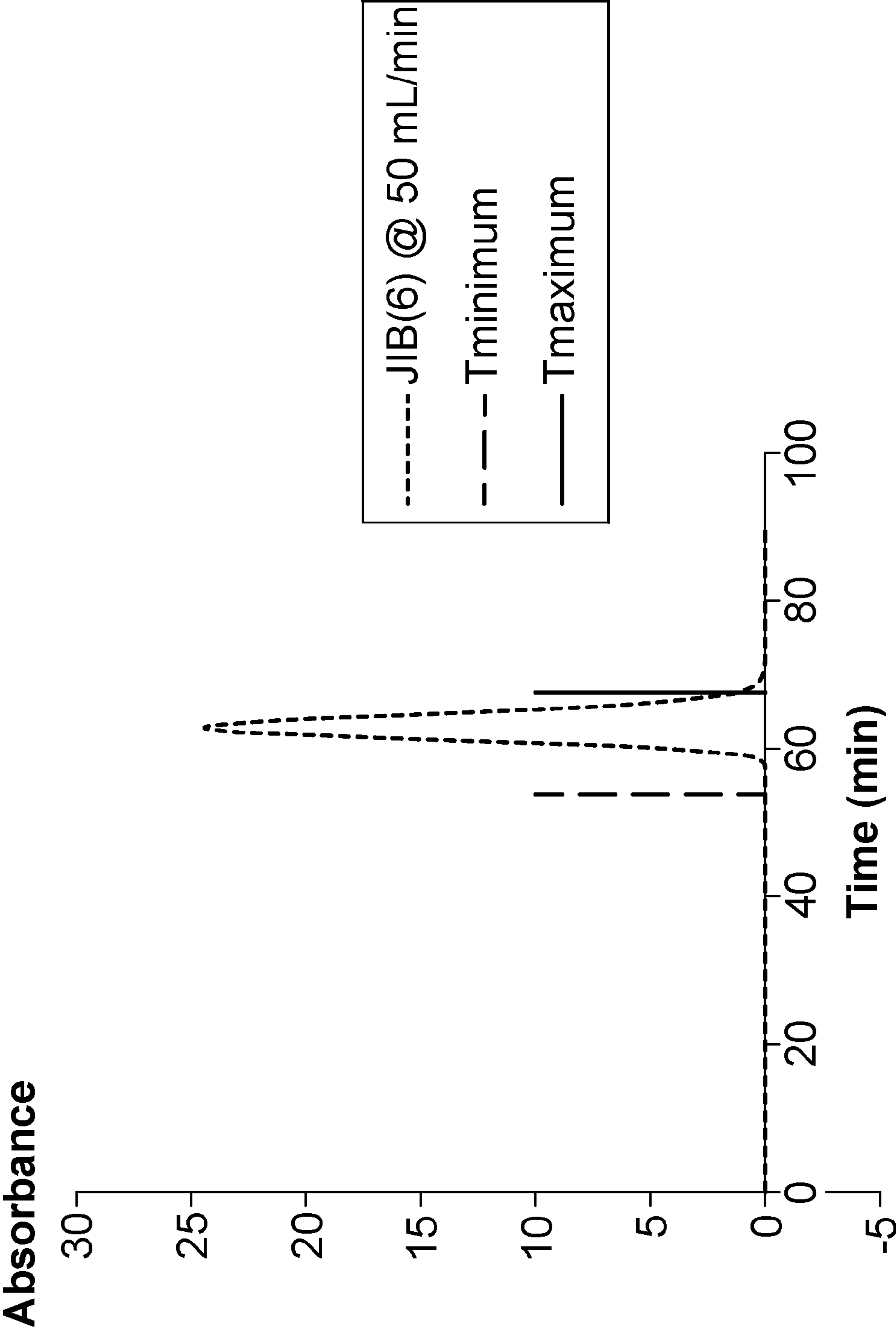


FIG. 6C

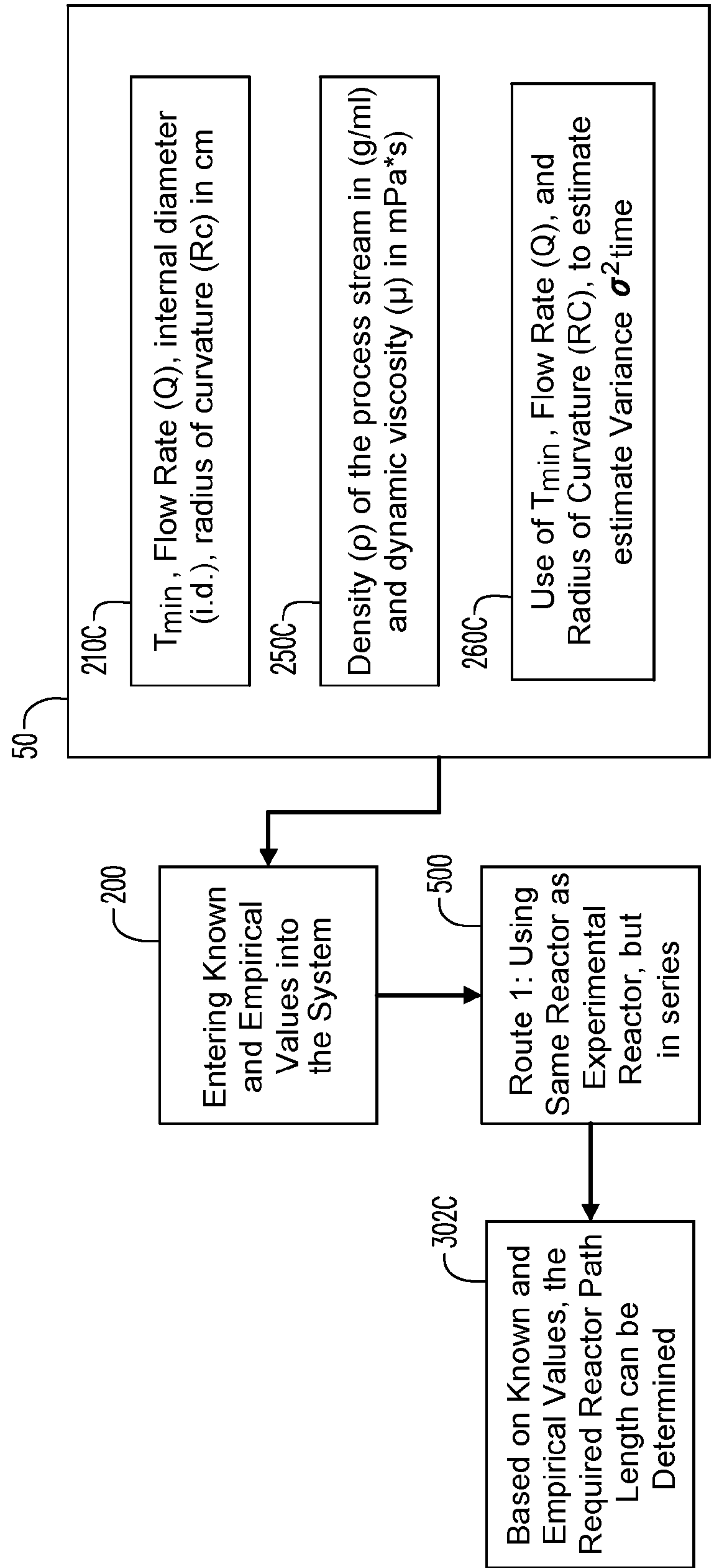


FIG. 7A

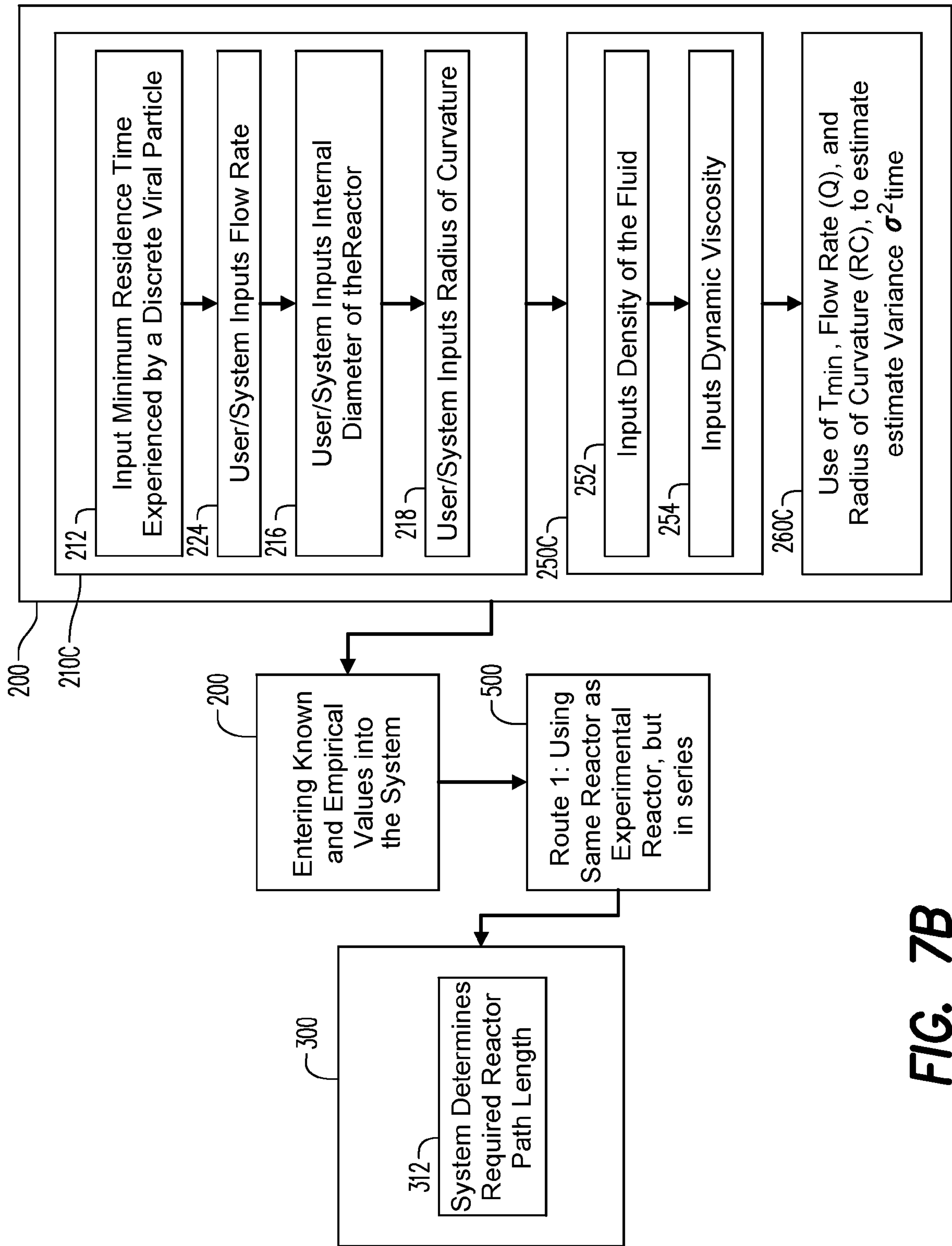


FIG. 7B

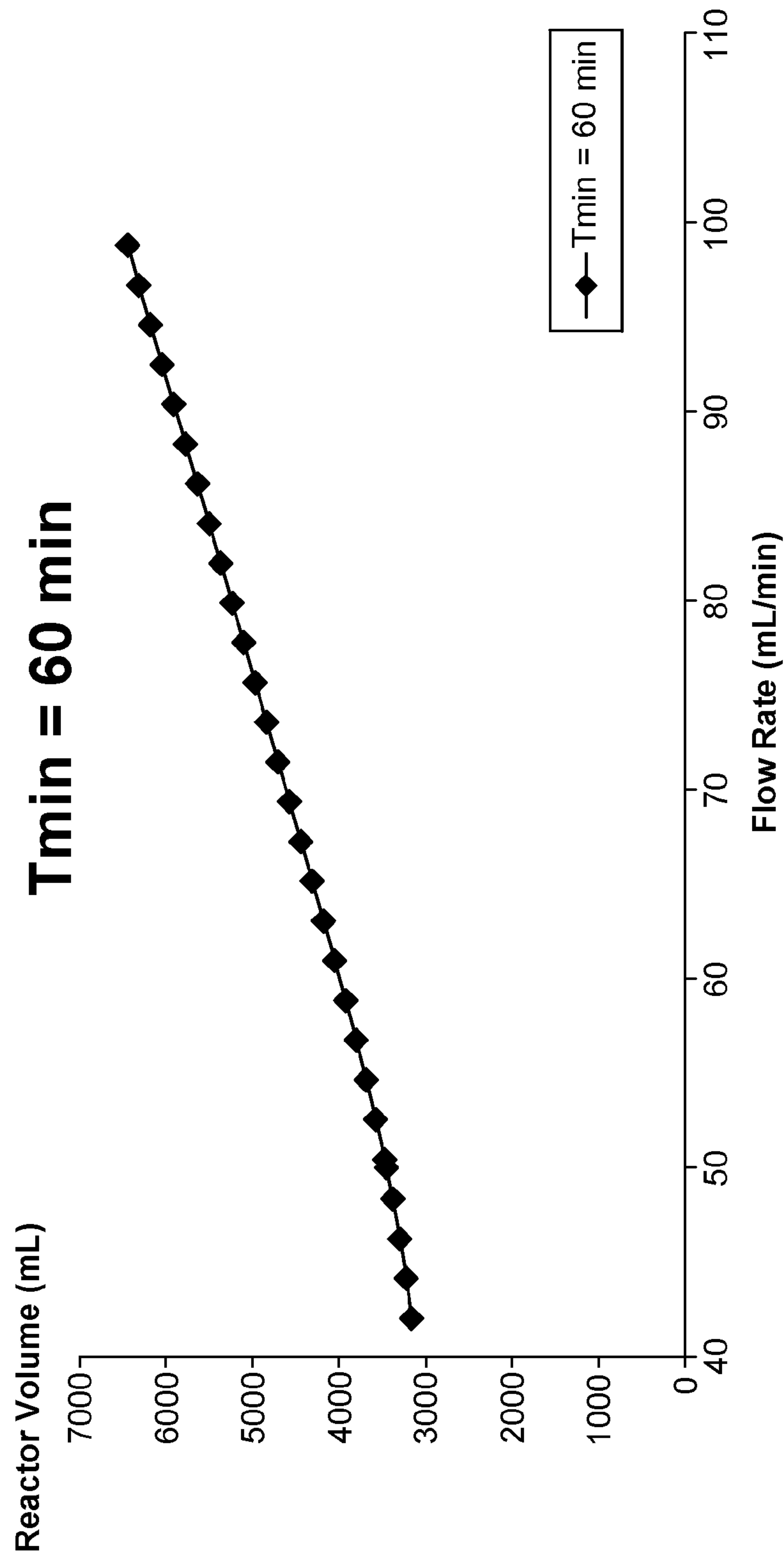


FIG. 7C

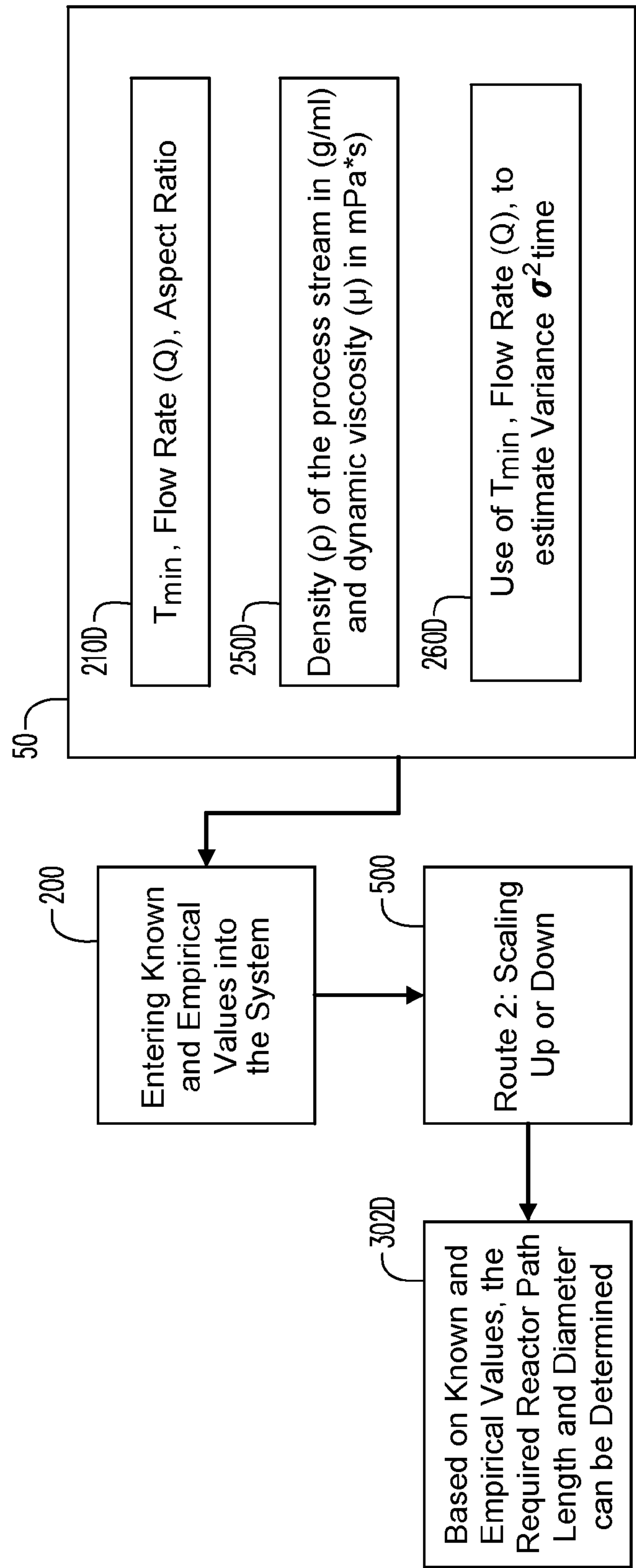


FIG. 8A

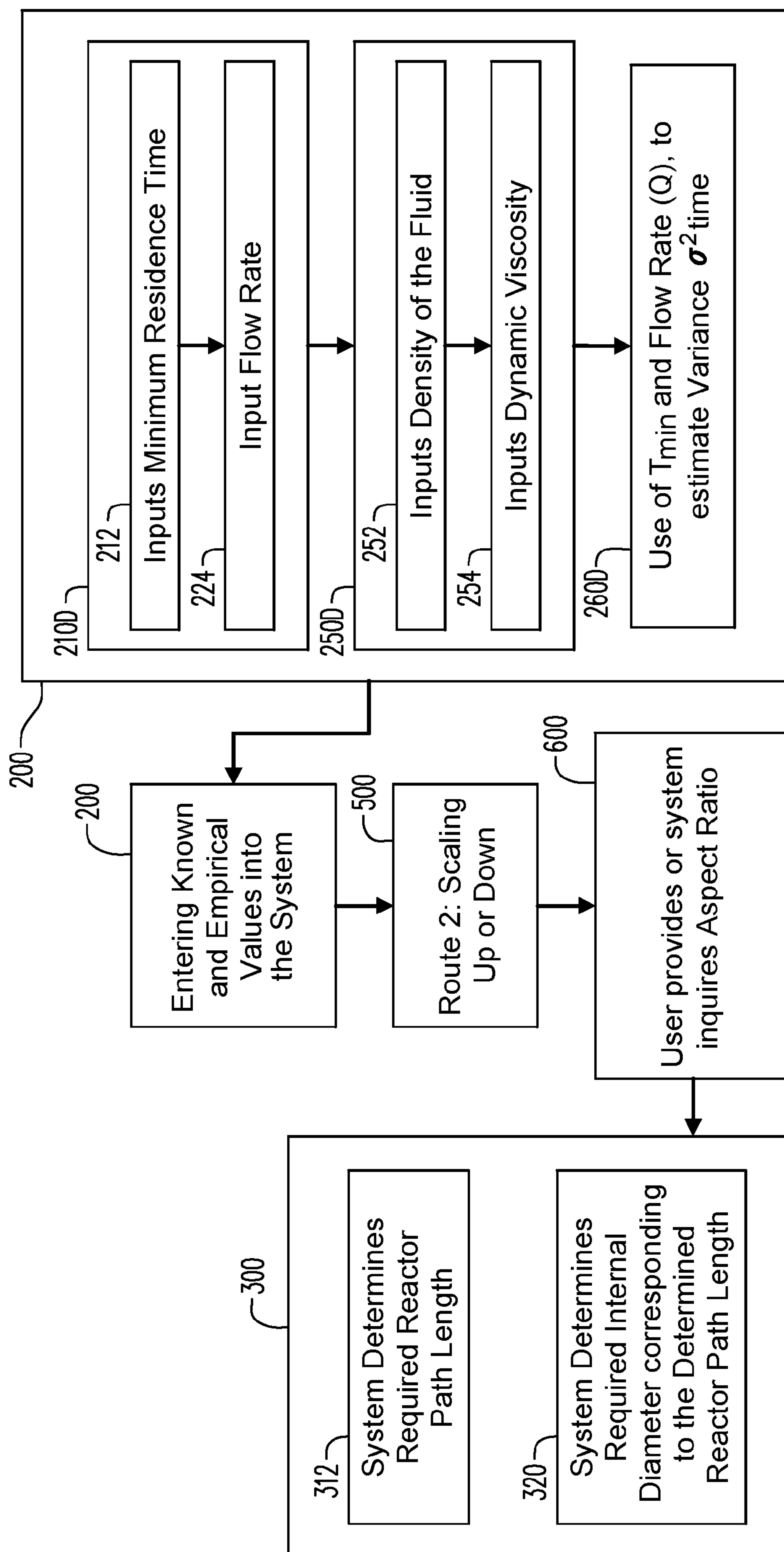


FIG. 8B

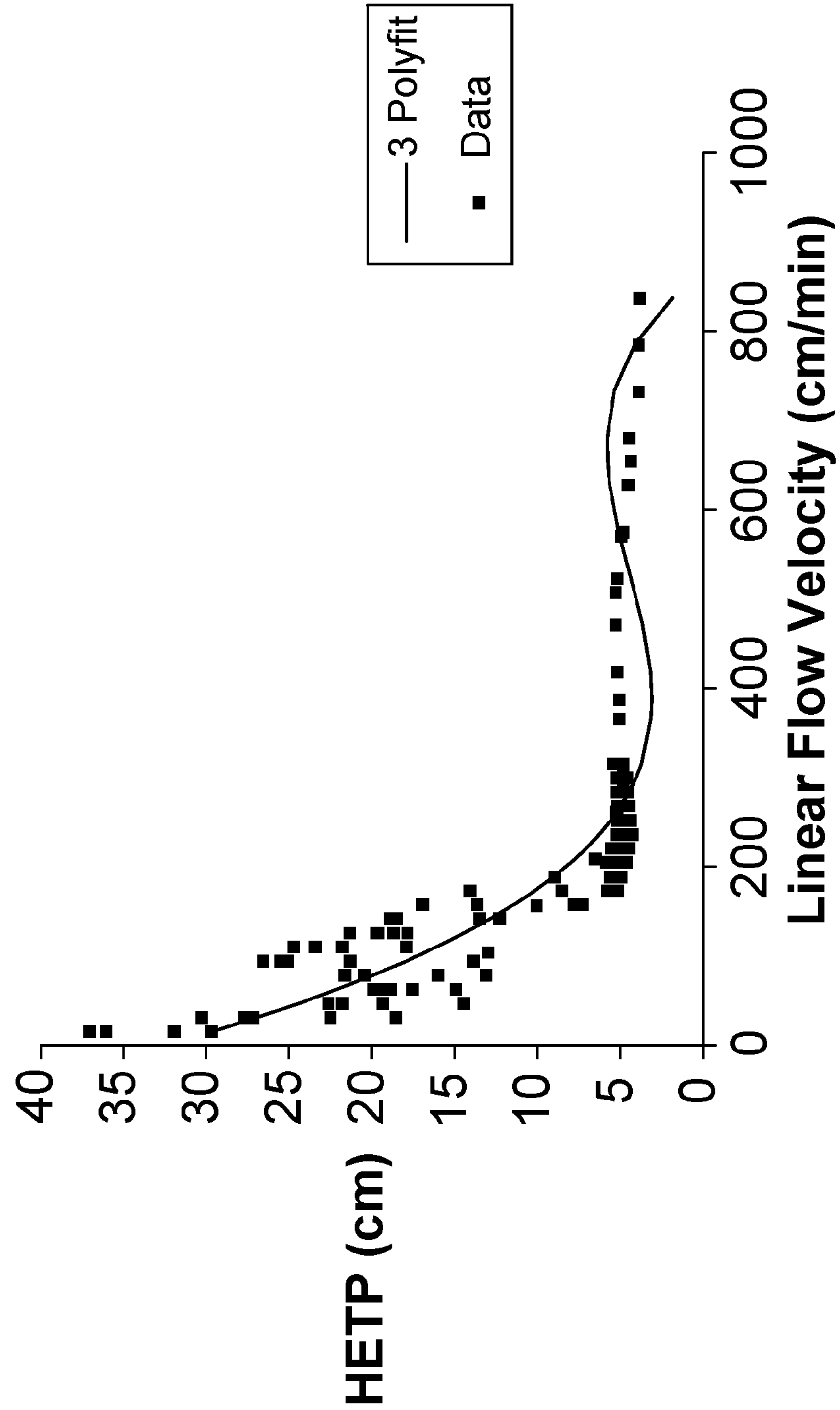


FIG. 8C

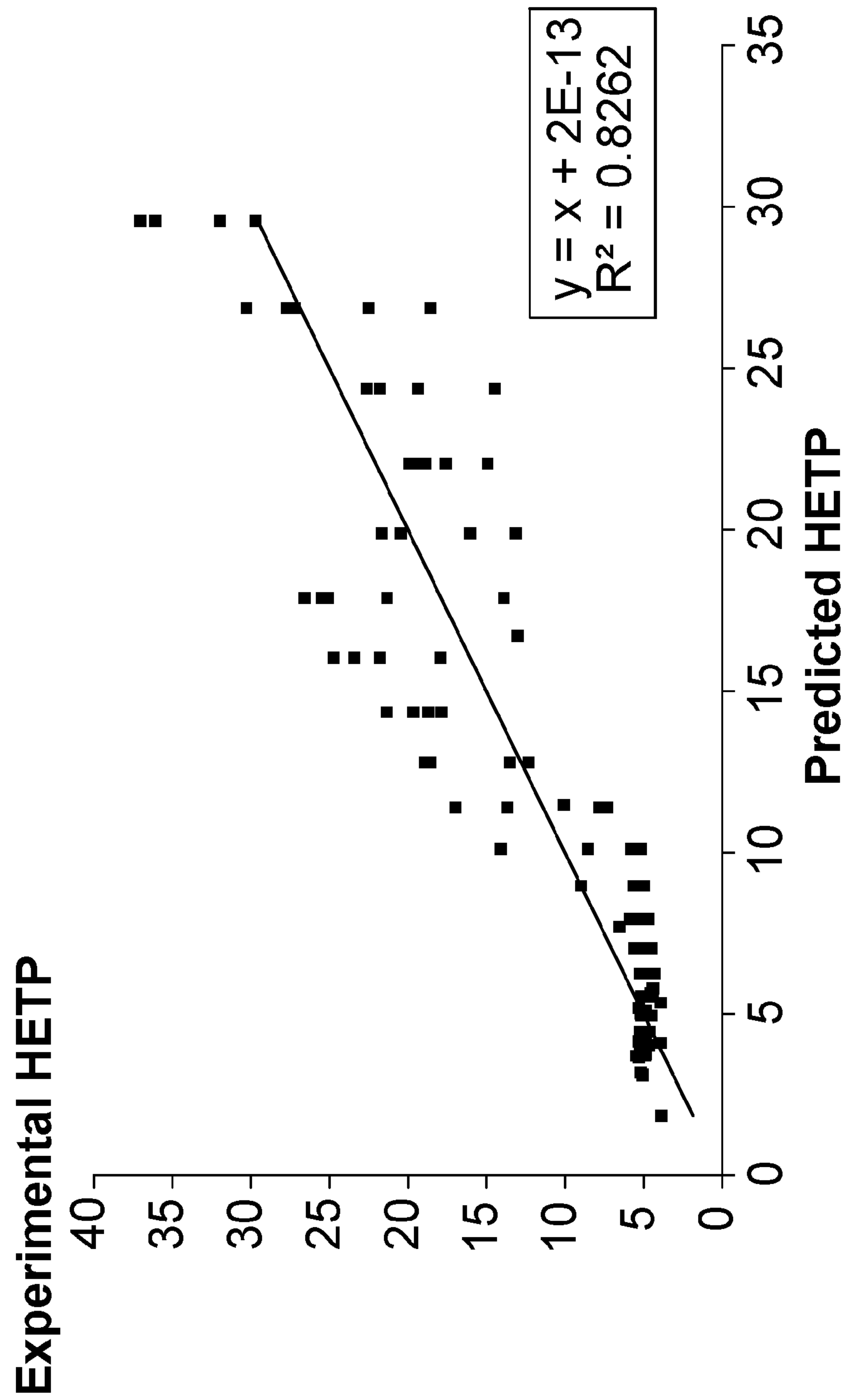


FIG. 8D

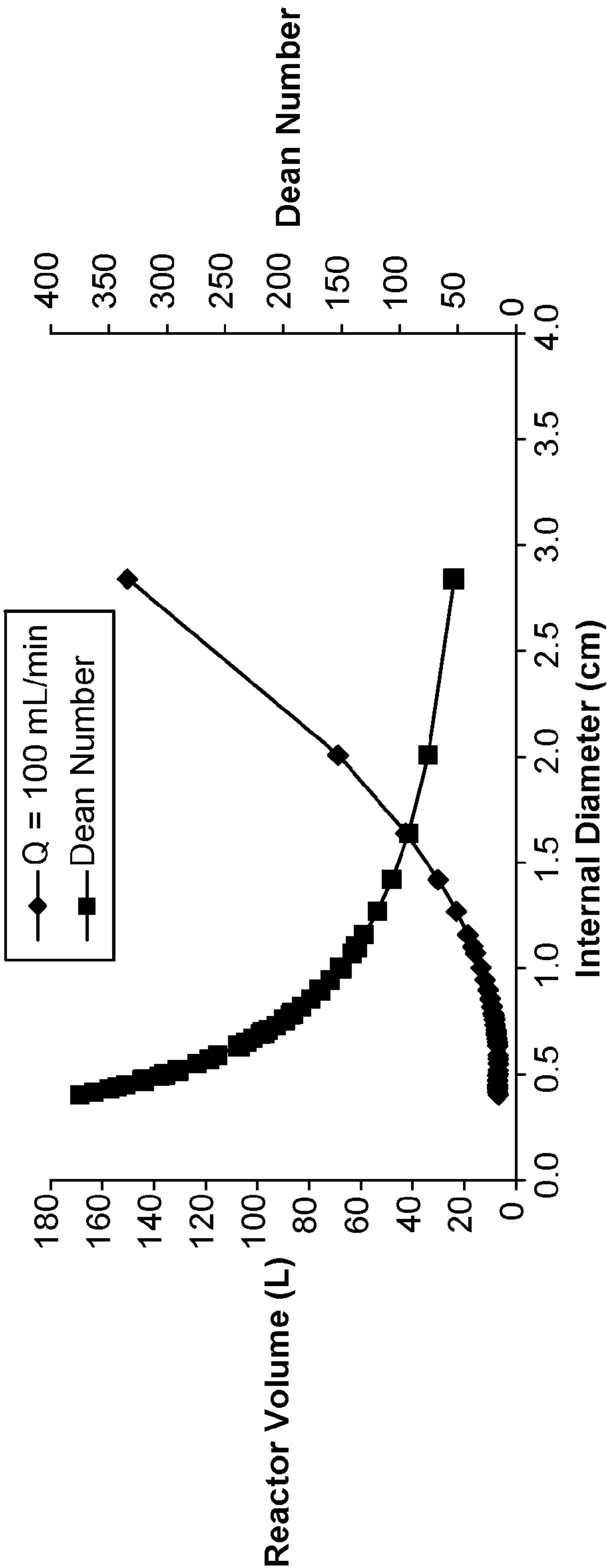


FIG. 8E

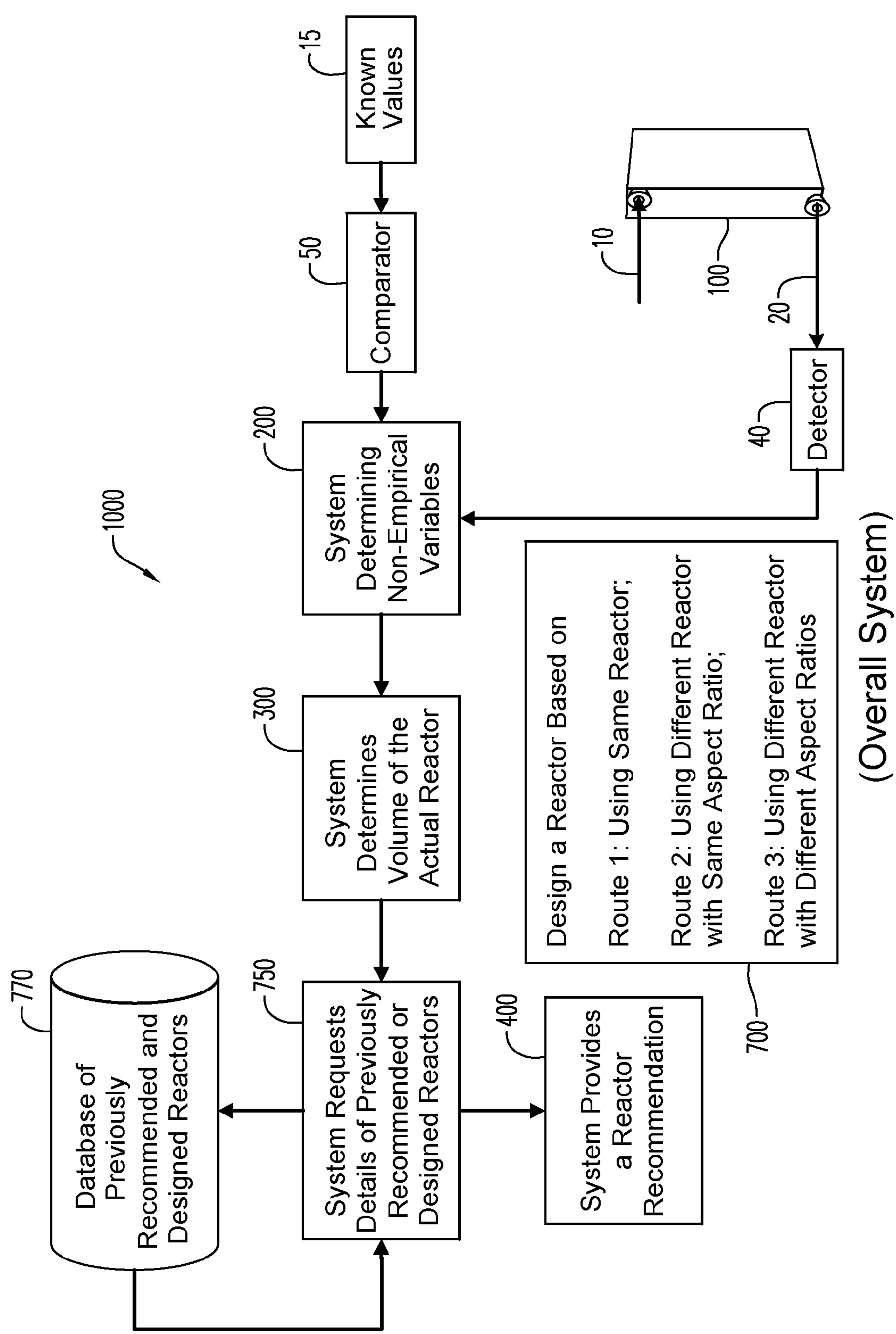


FIG. 9
(Overall System)

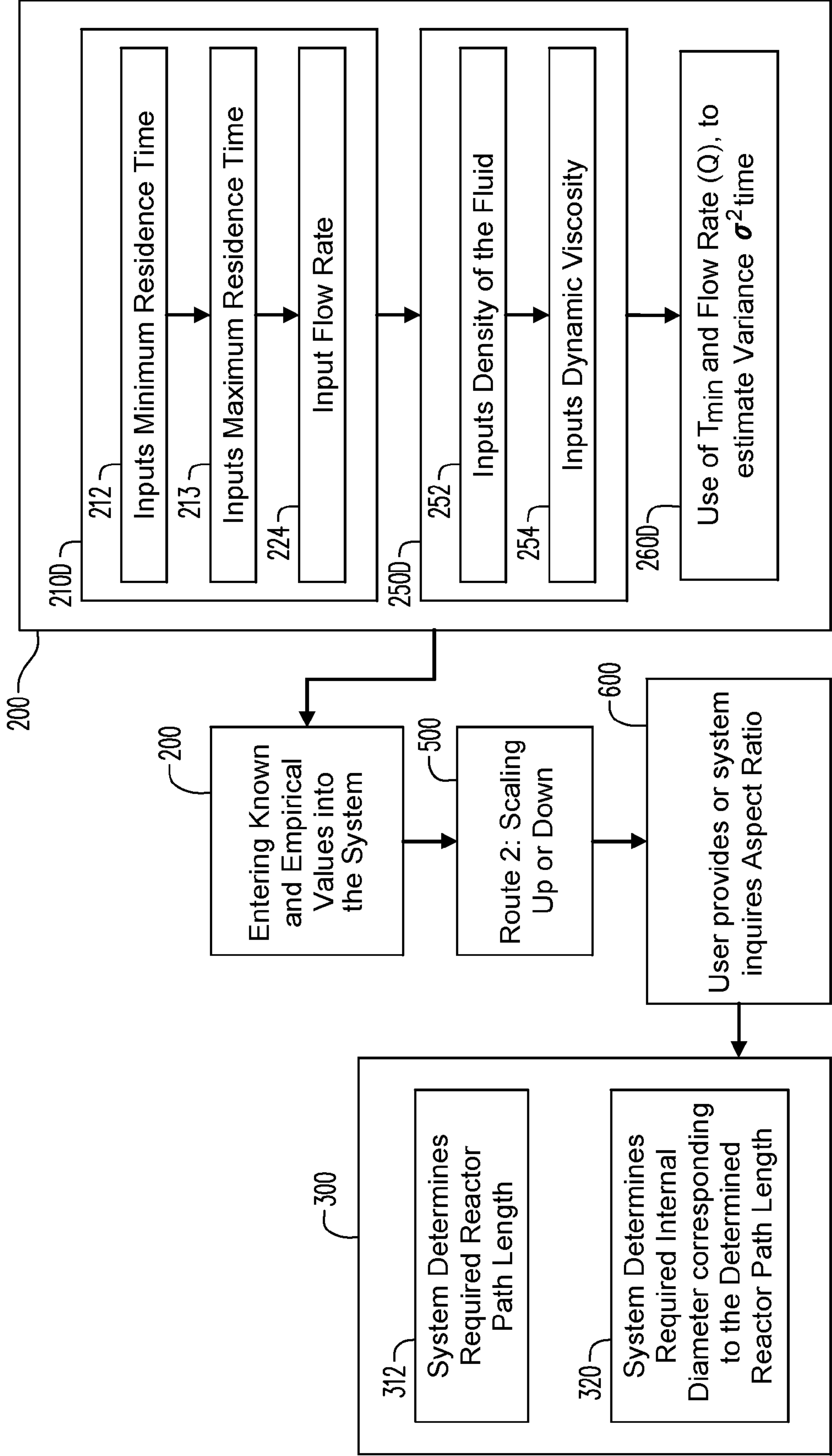


FIG. 10A

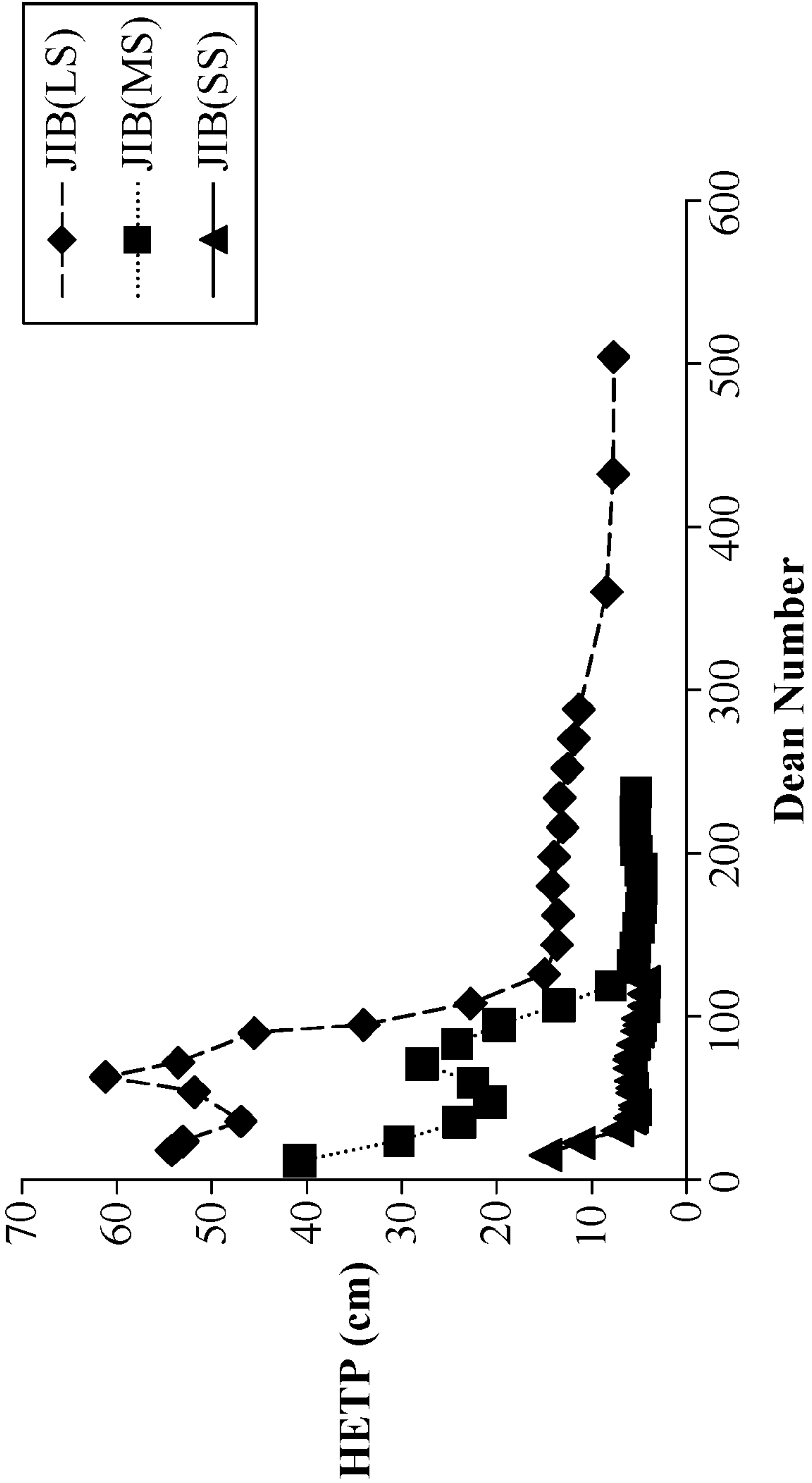


FIG. 10B

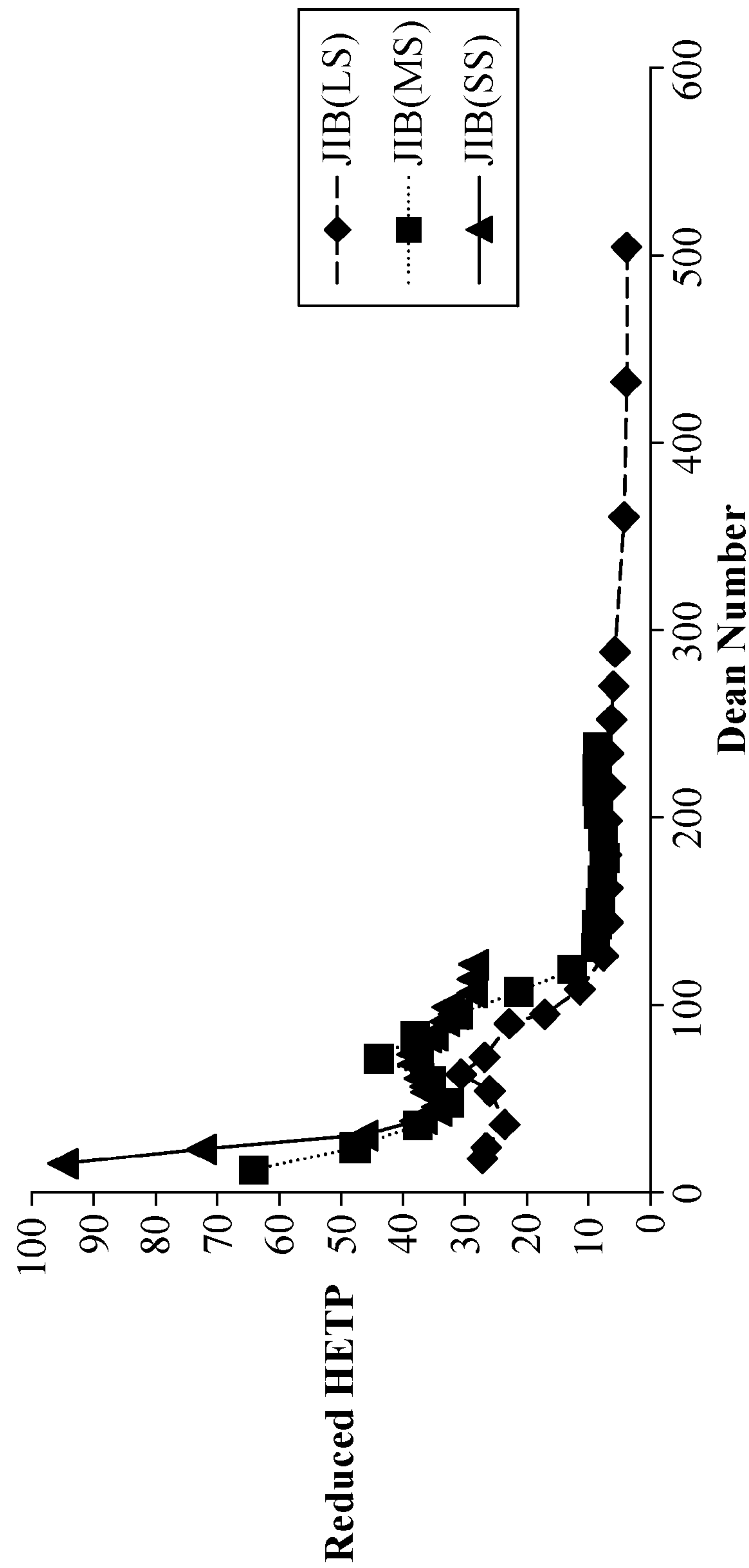


FIG. 10C

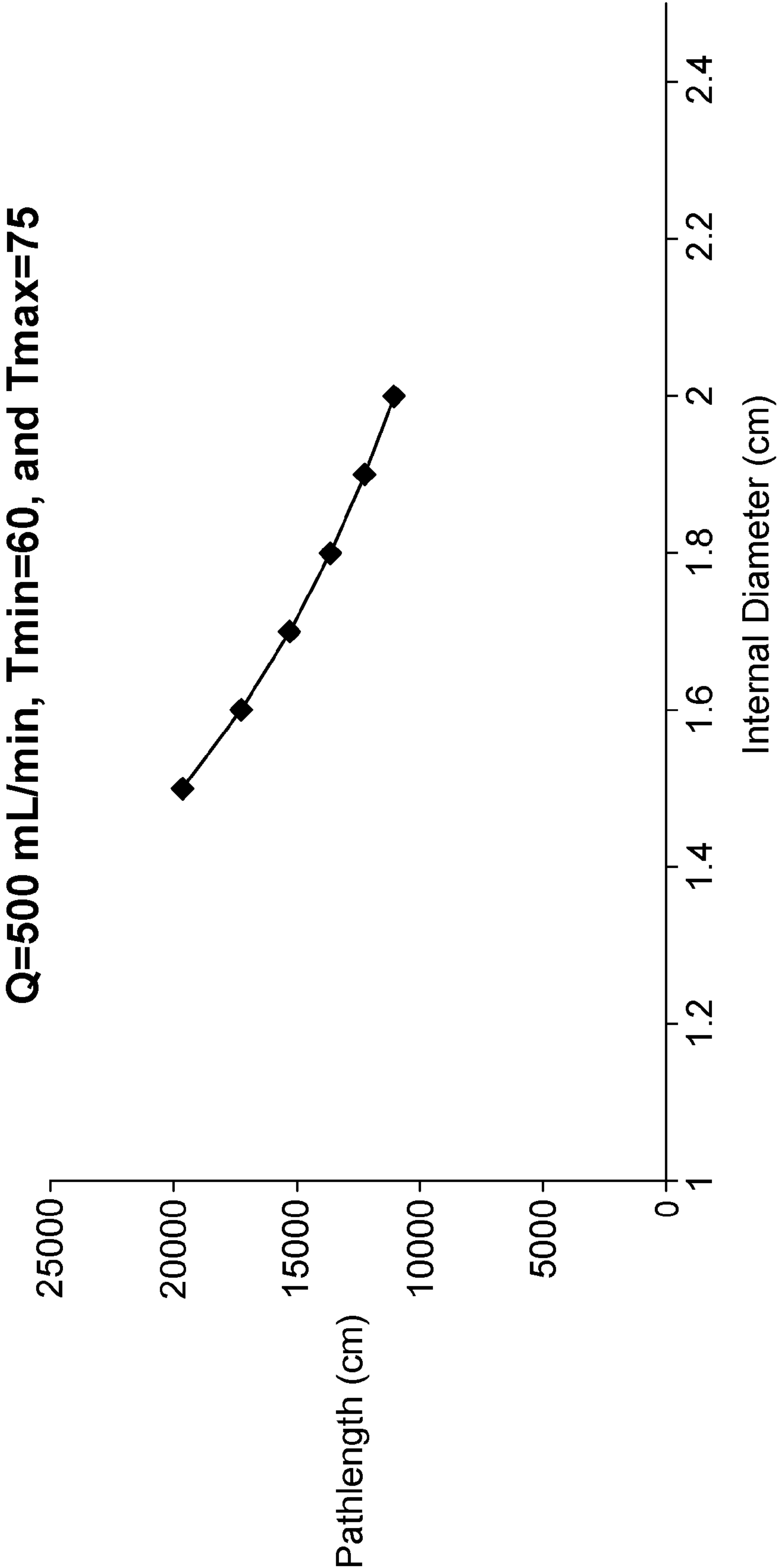


FIG. 10D

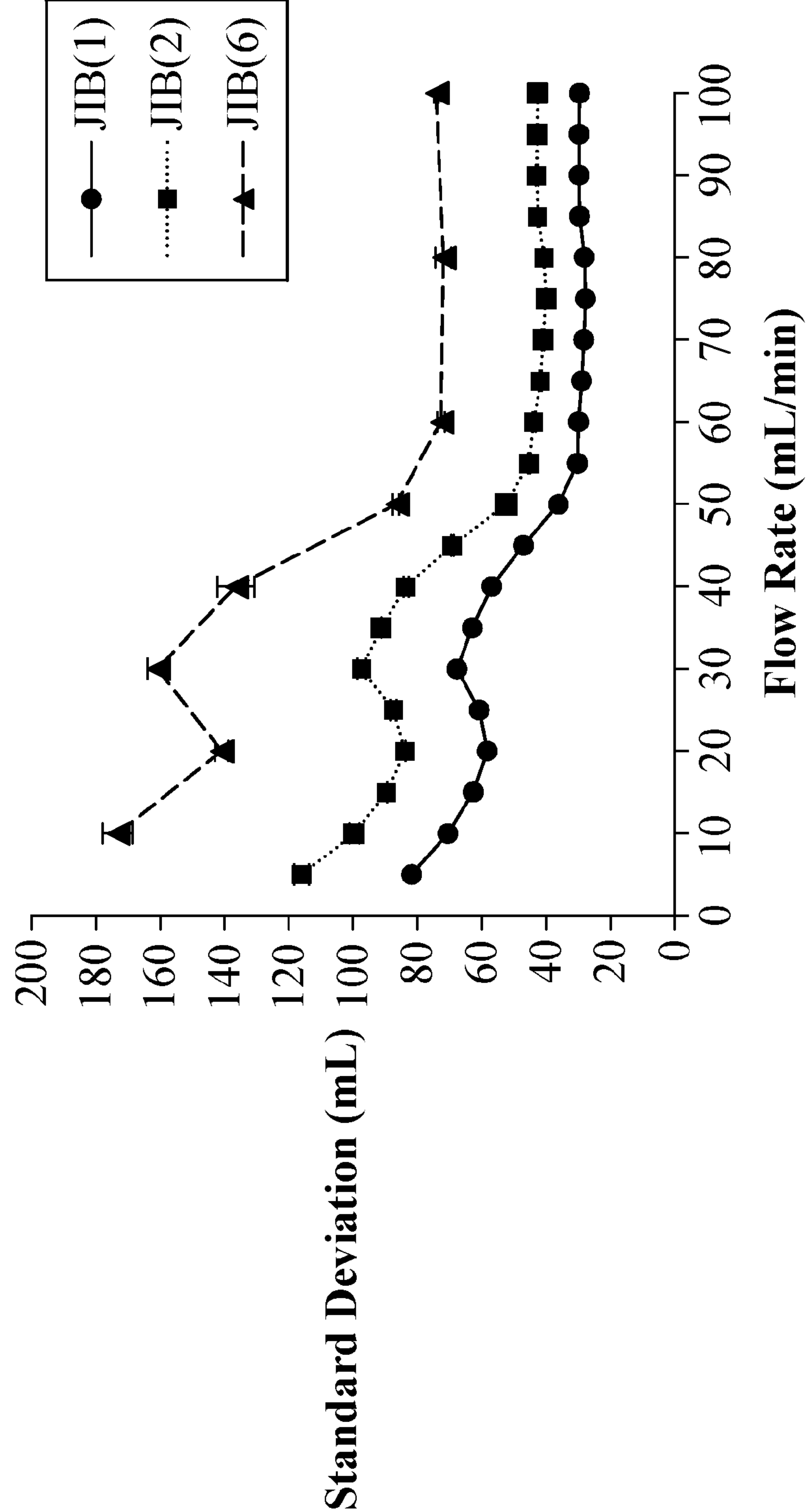


FIG. 11A

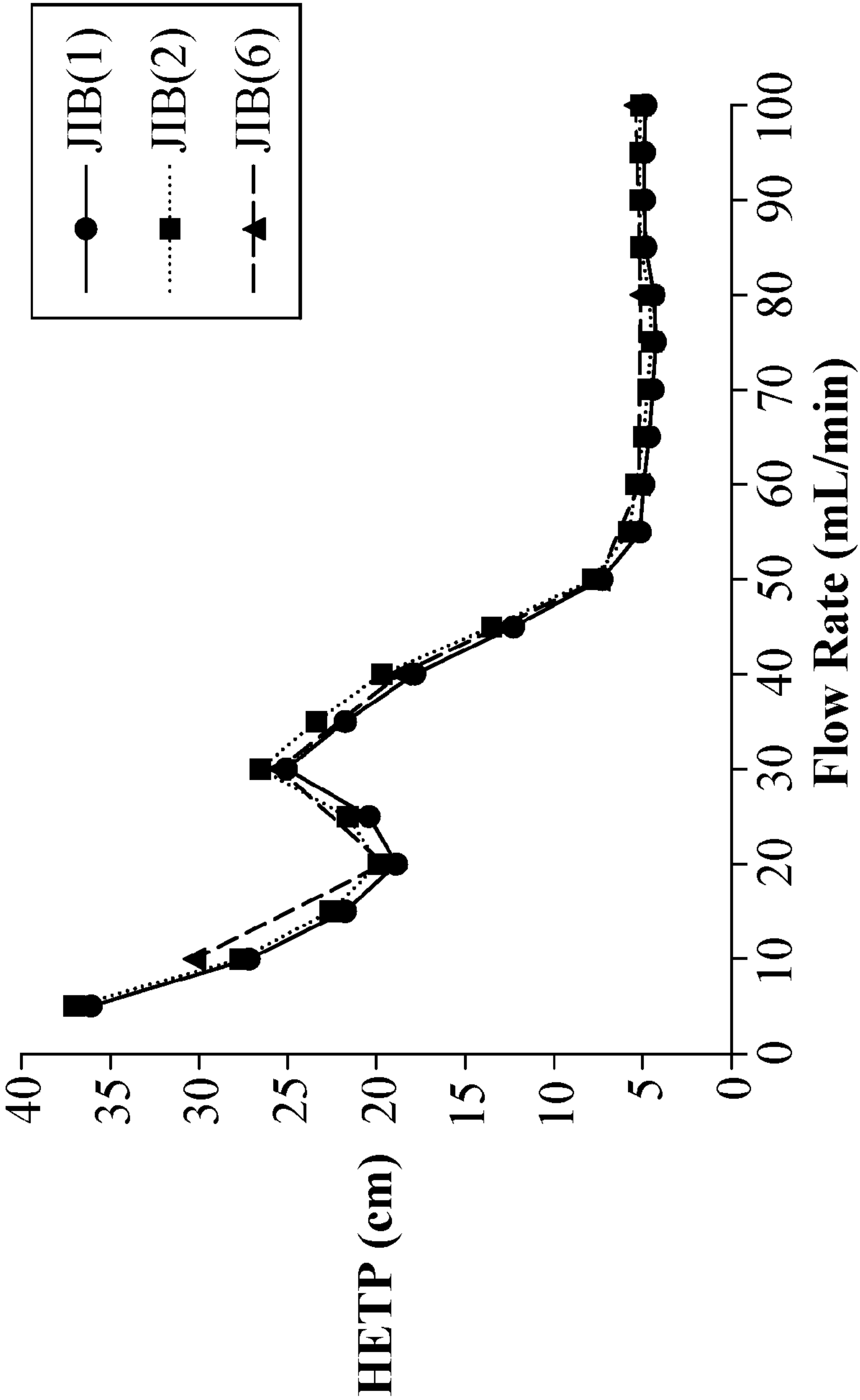


FIG. 11B

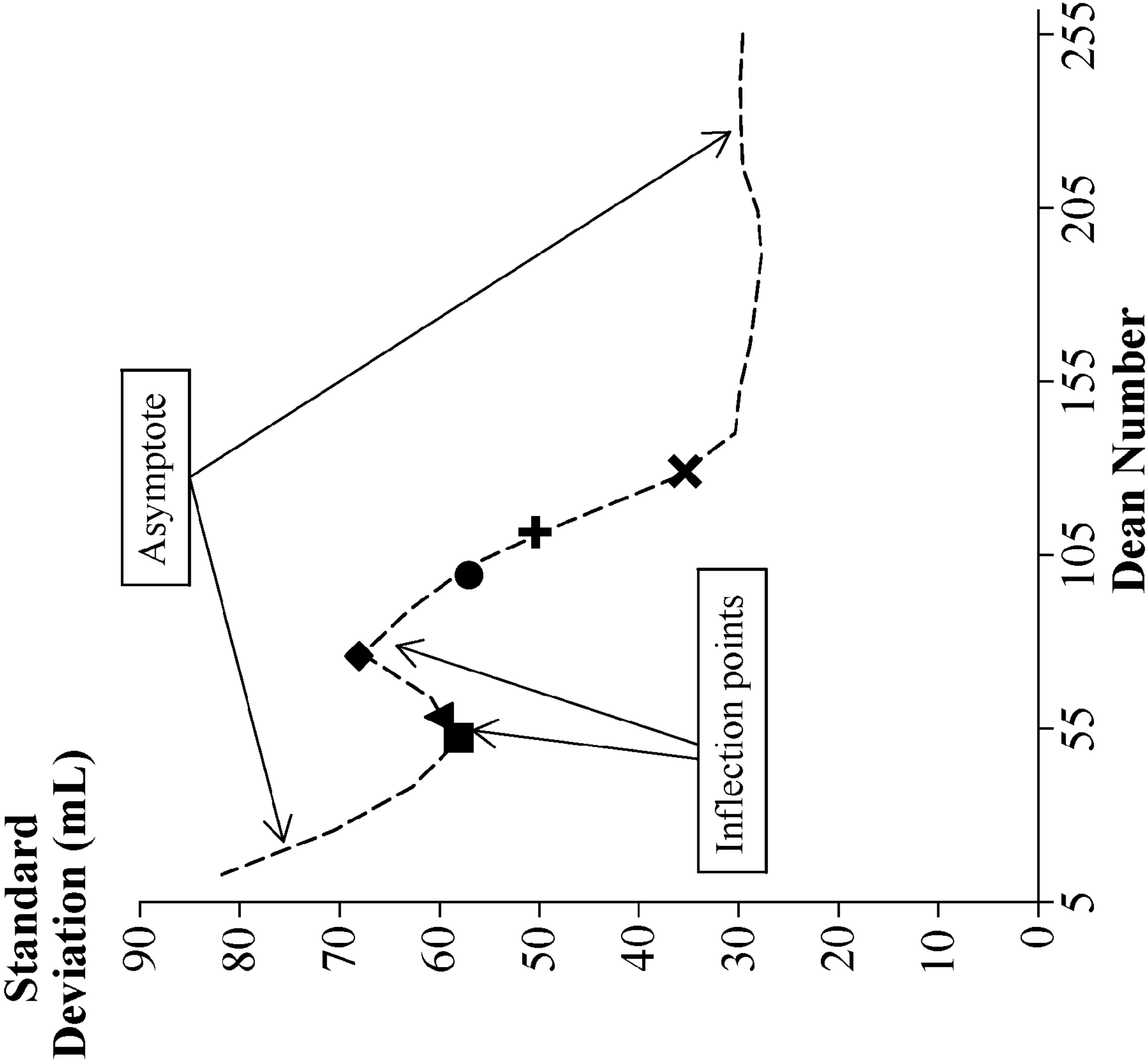


FIG. 12

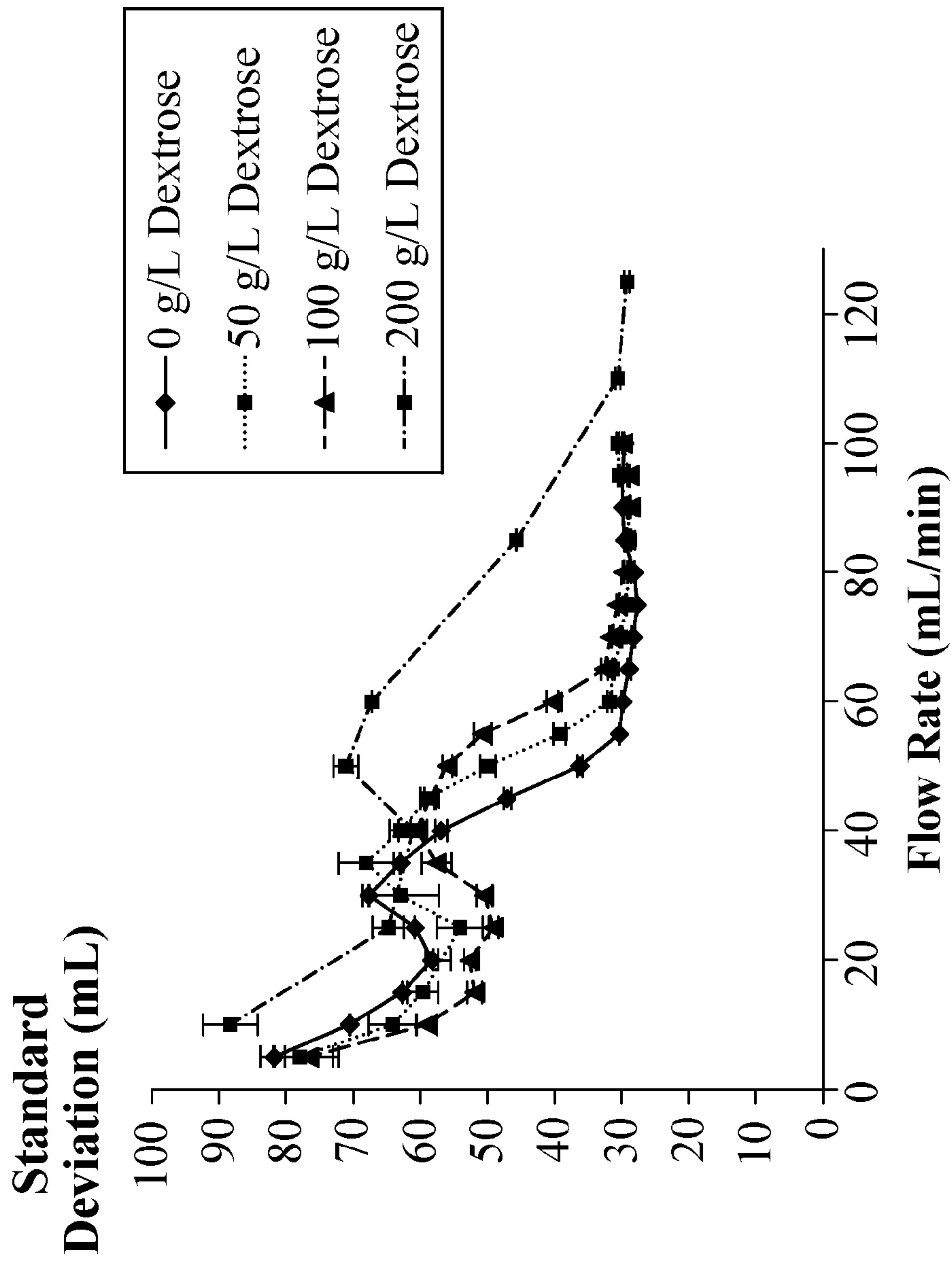


FIG. 13A

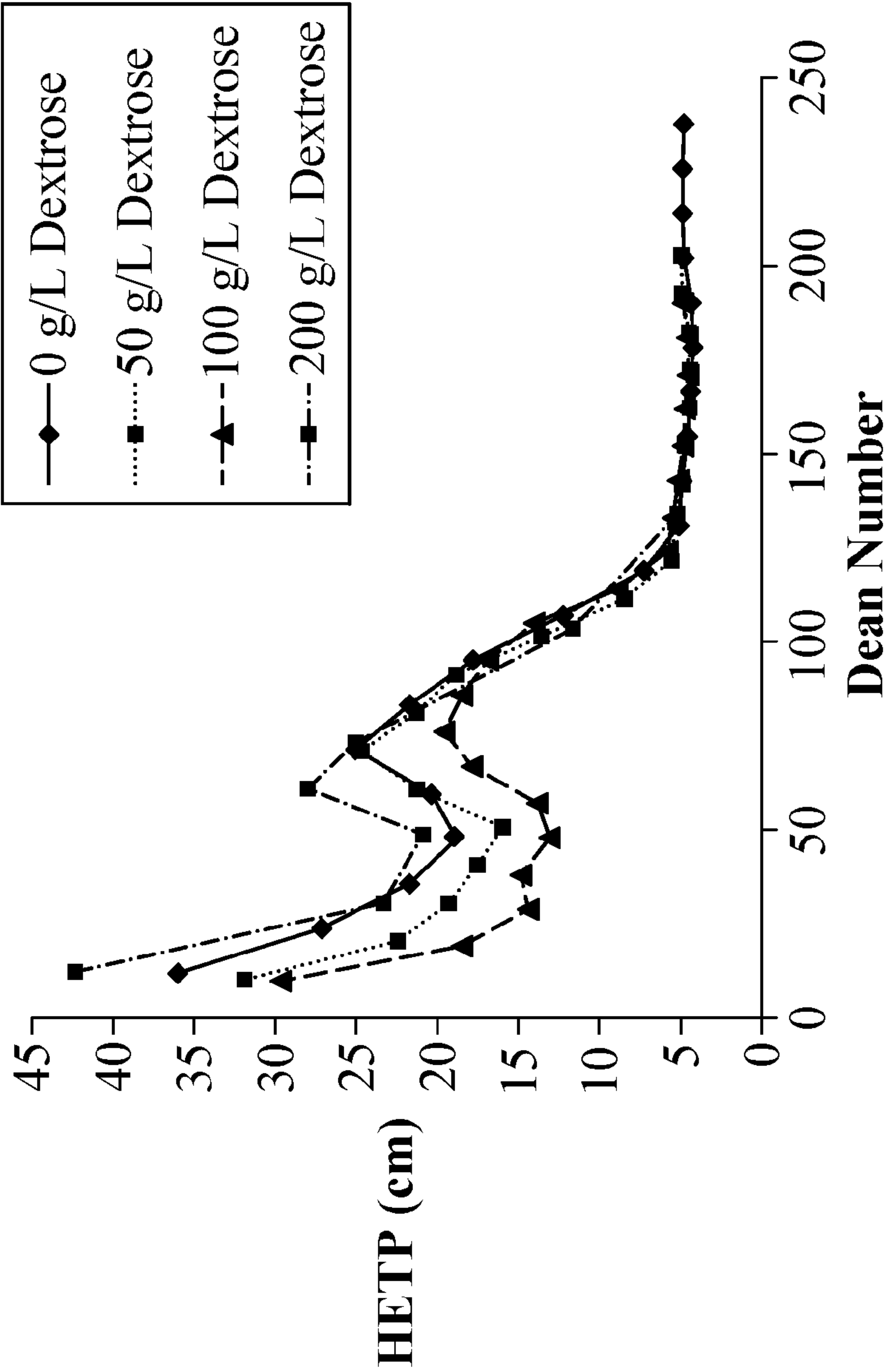


FIG. 13B

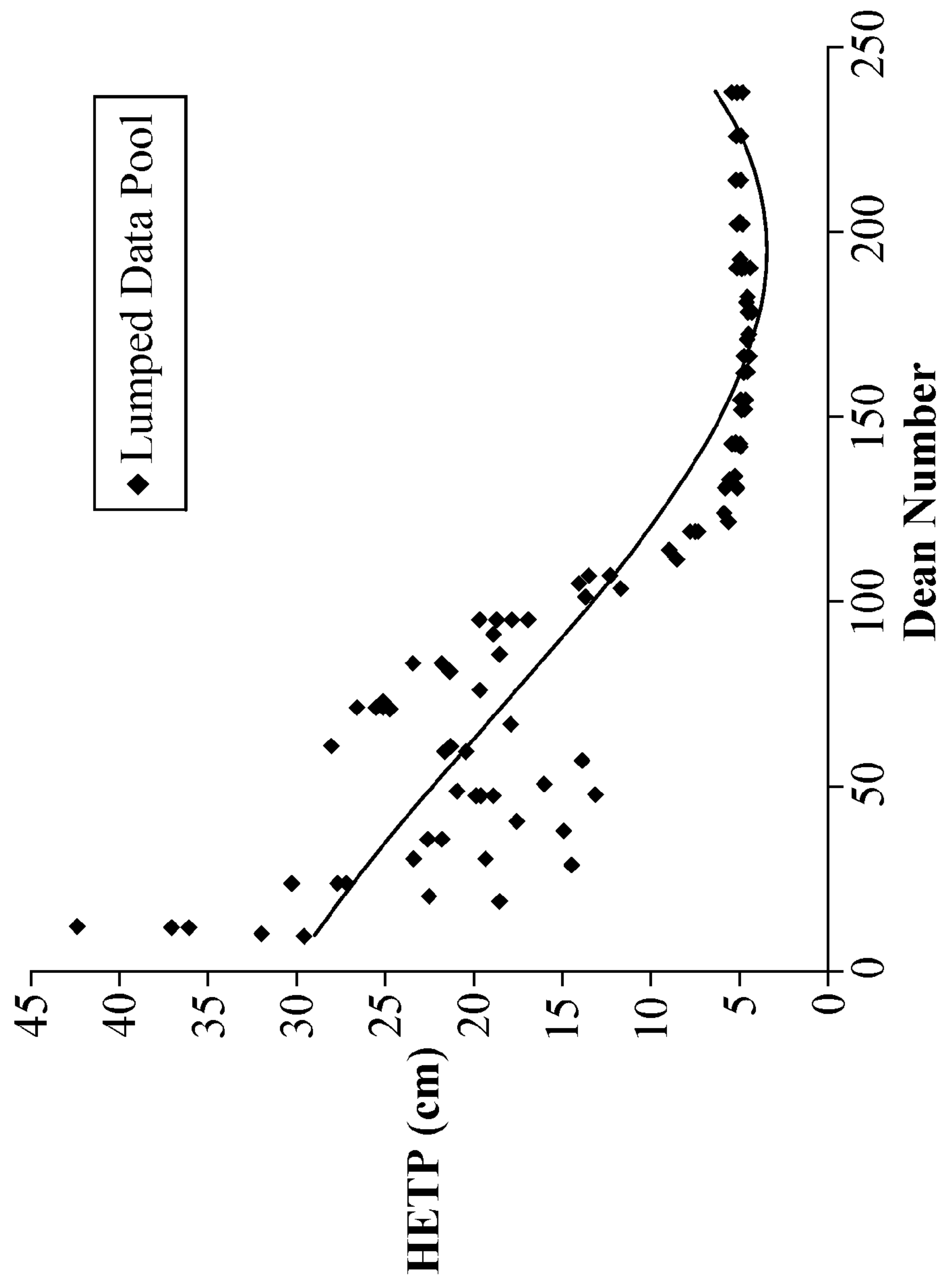


FIG. 13C

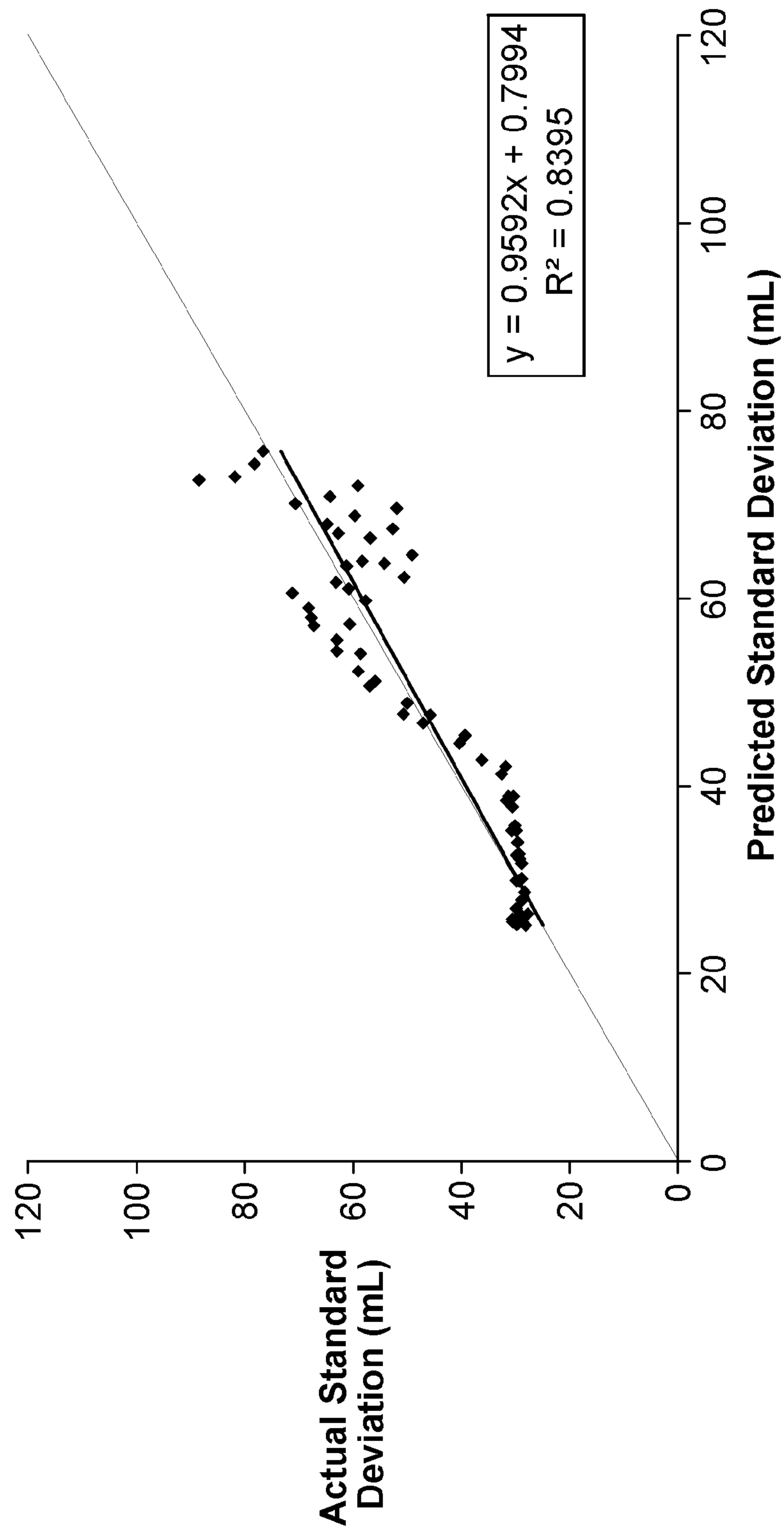


FIG. 13D

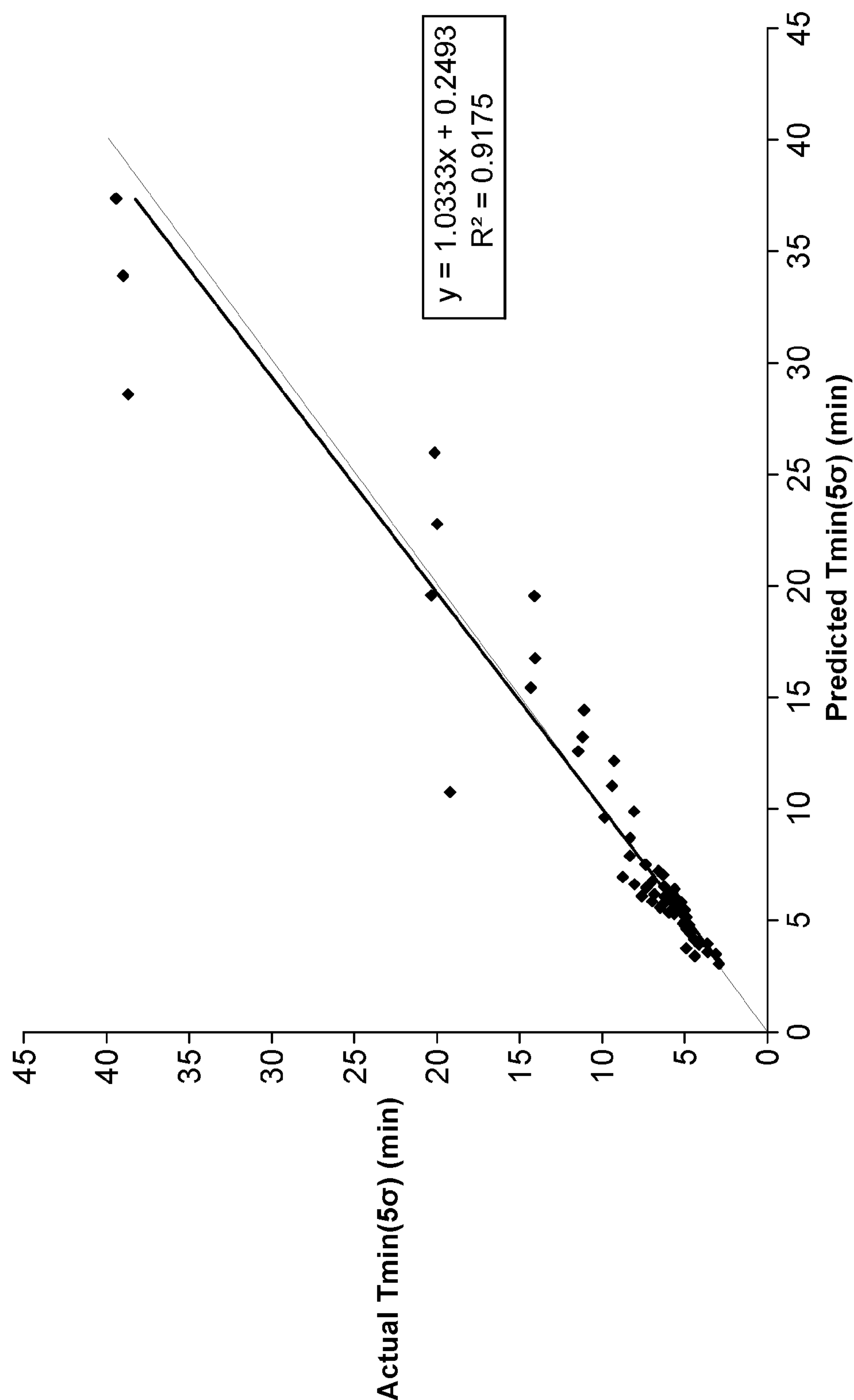


FIG. 13E

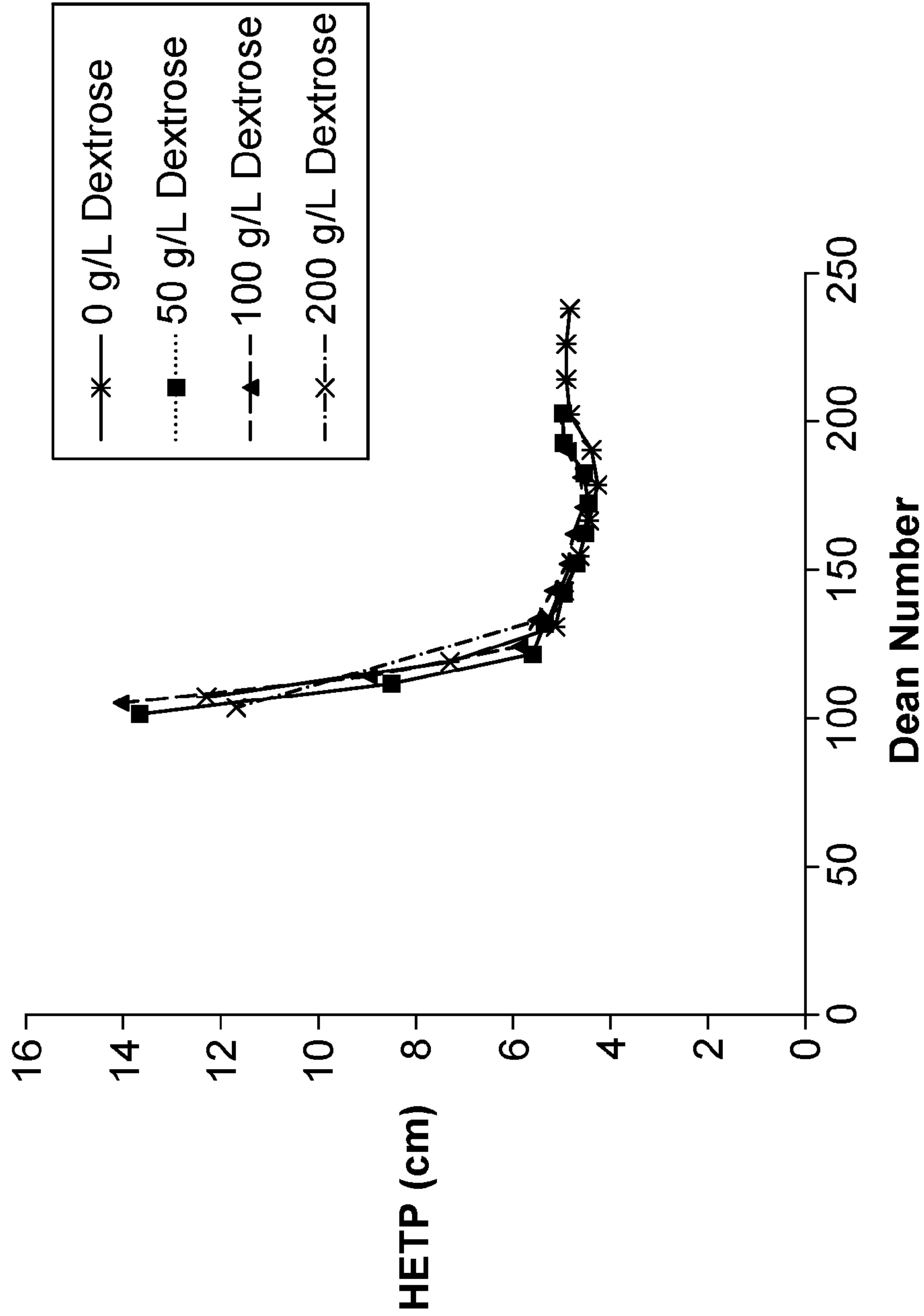


FIG. 14A

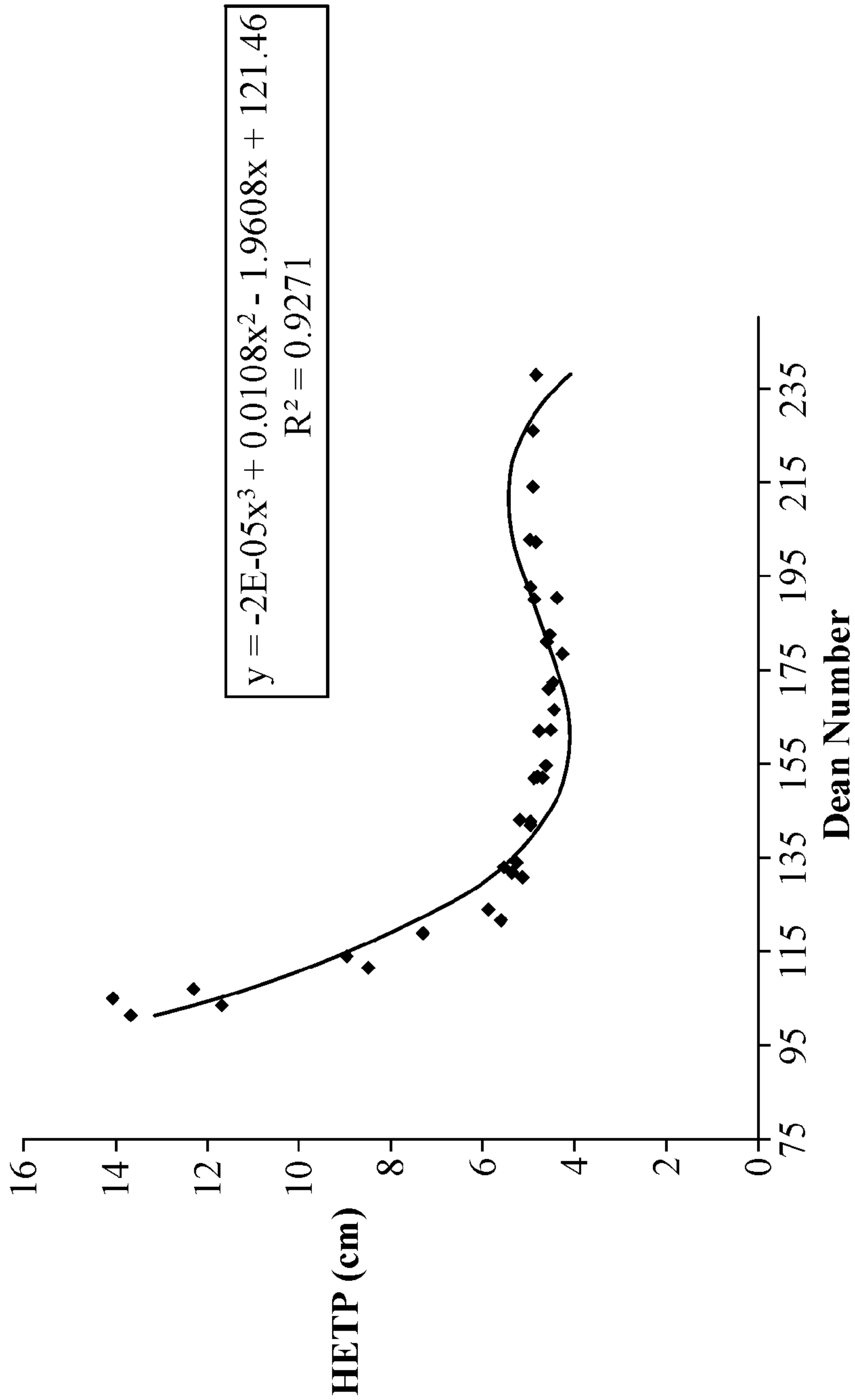


FIG. 14B

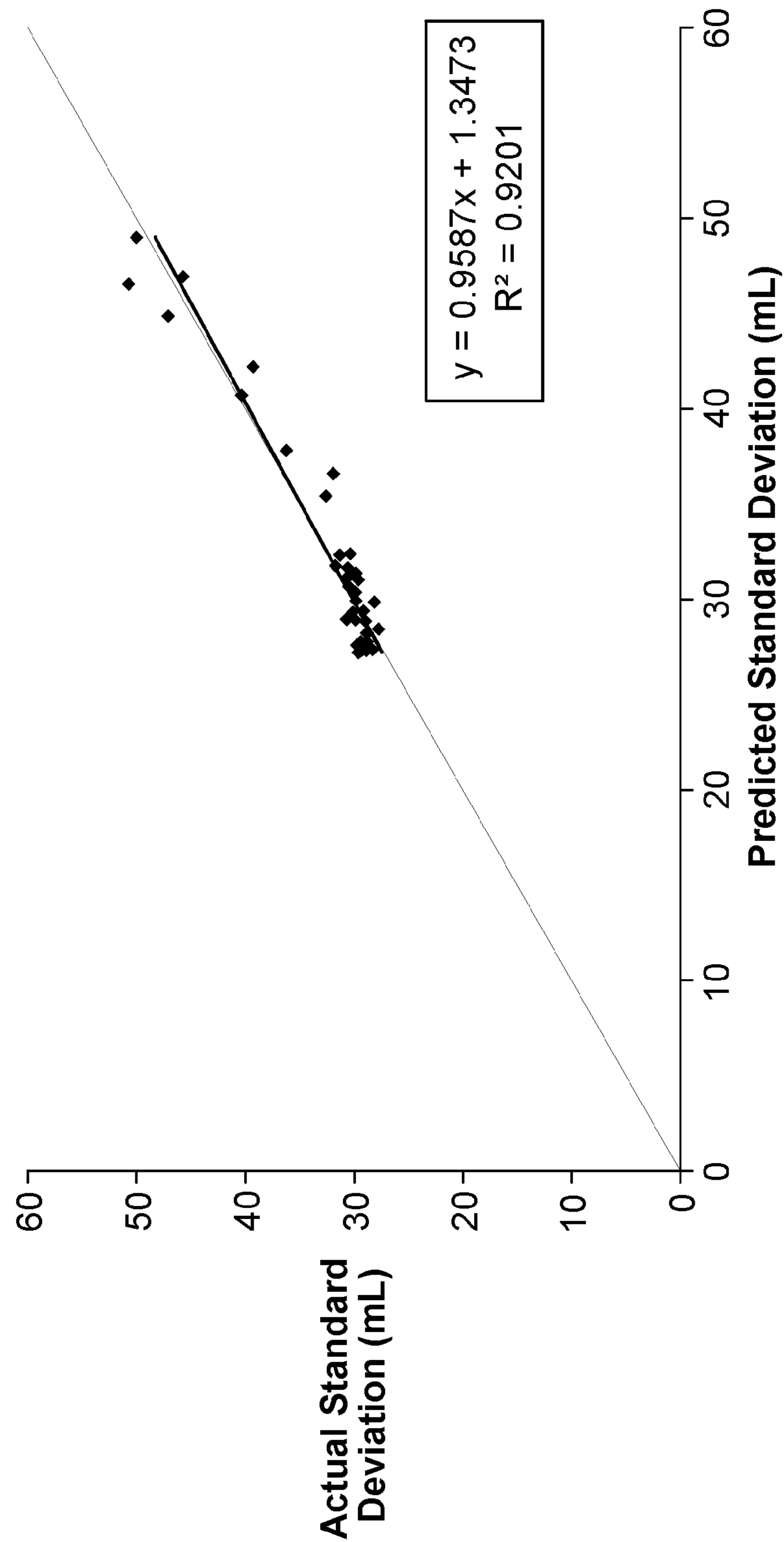


FIG. 14C

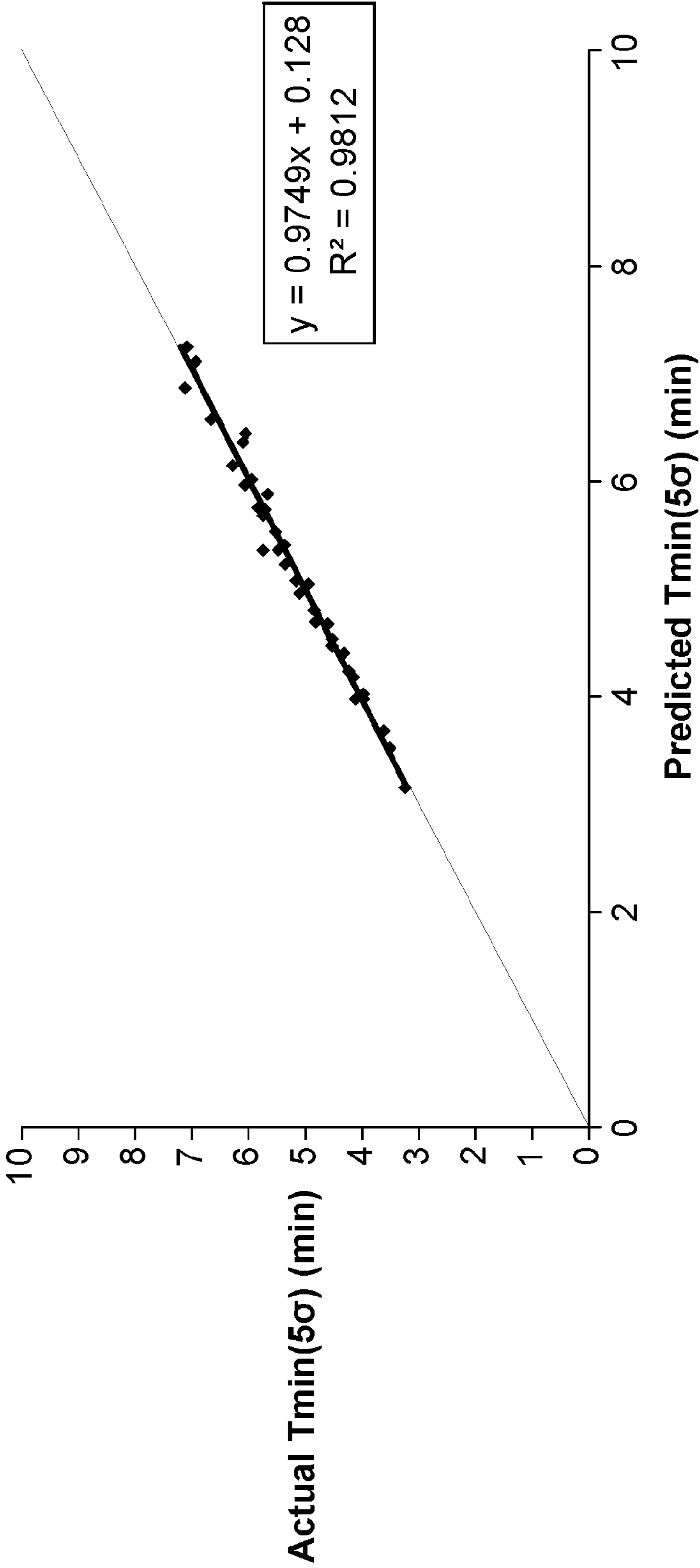


FIG. 14D

Tmin

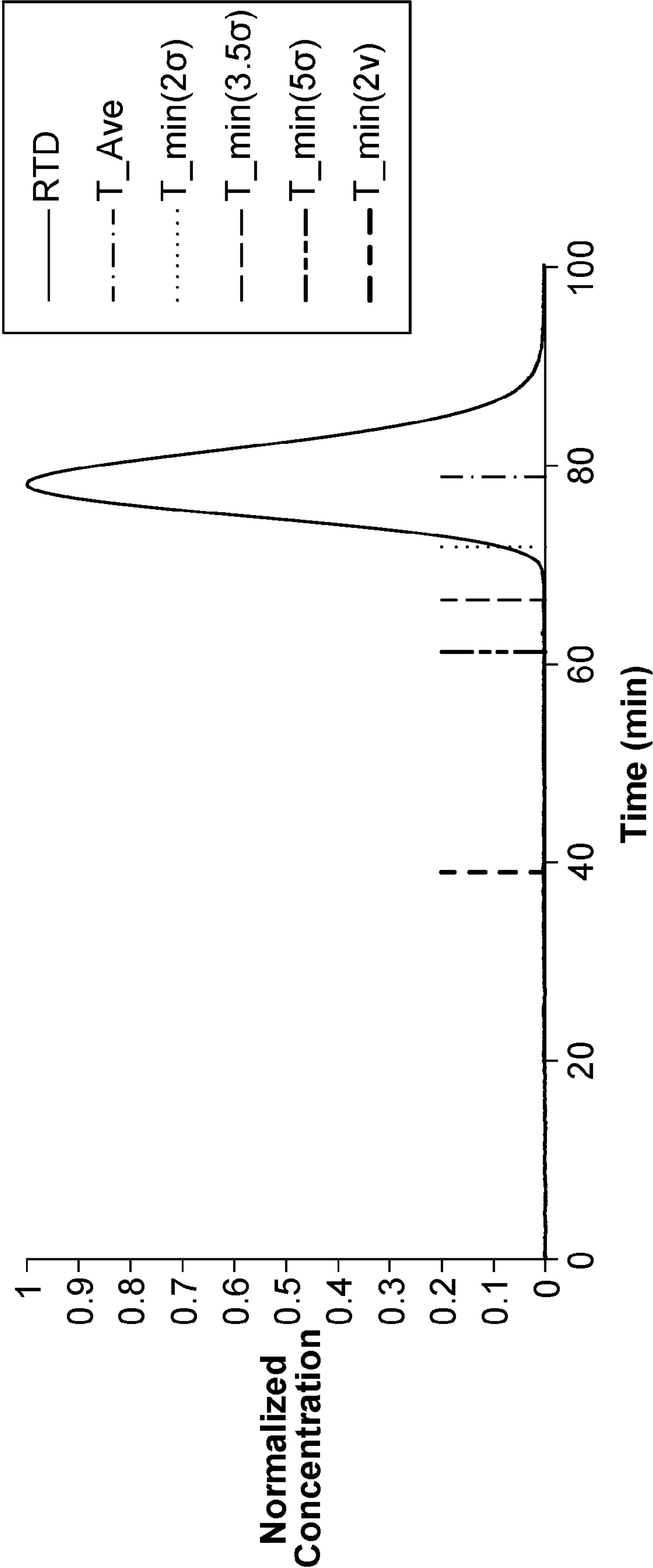


FIG. 15A

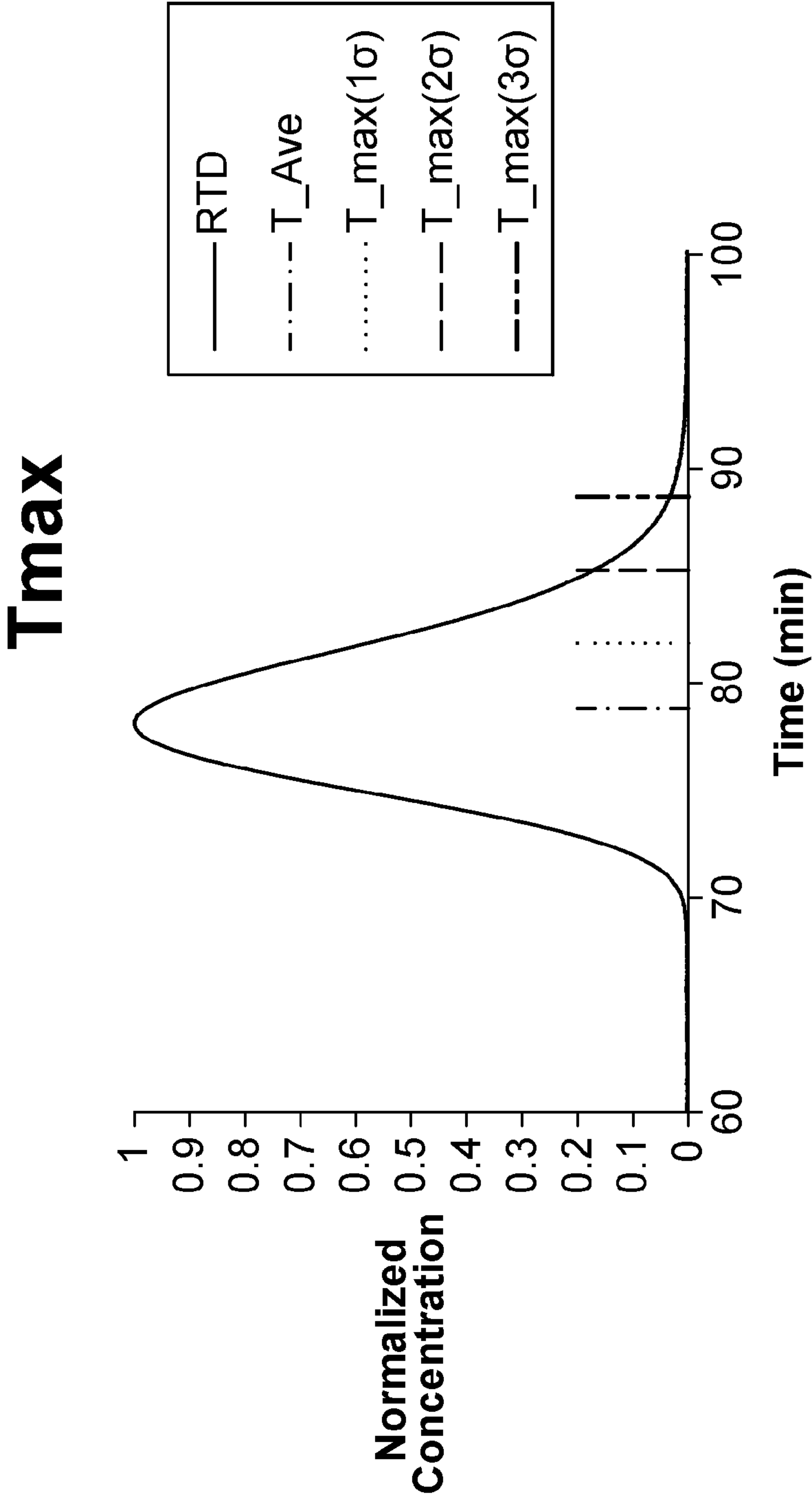


FIG. 15B

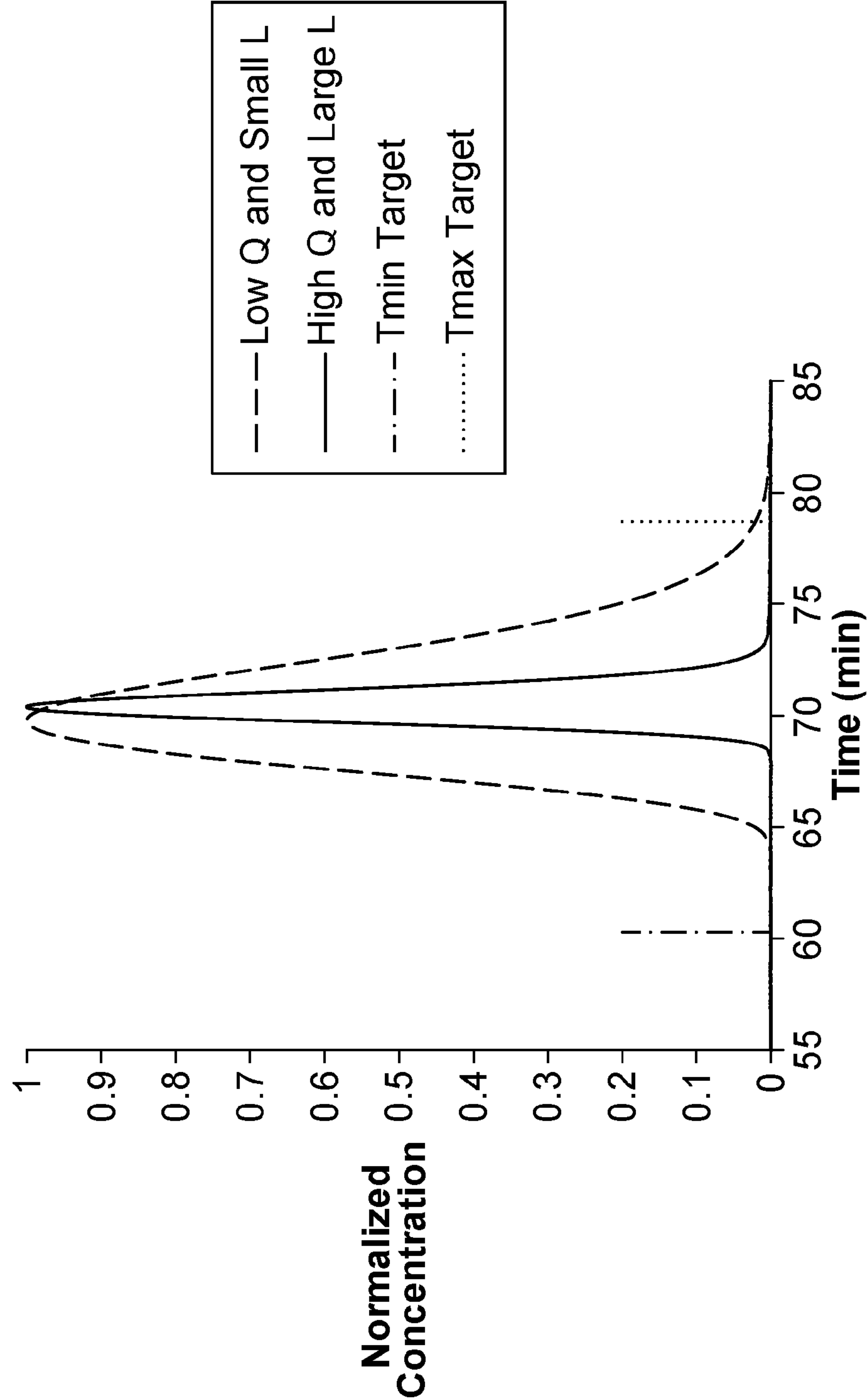


FIG. 16

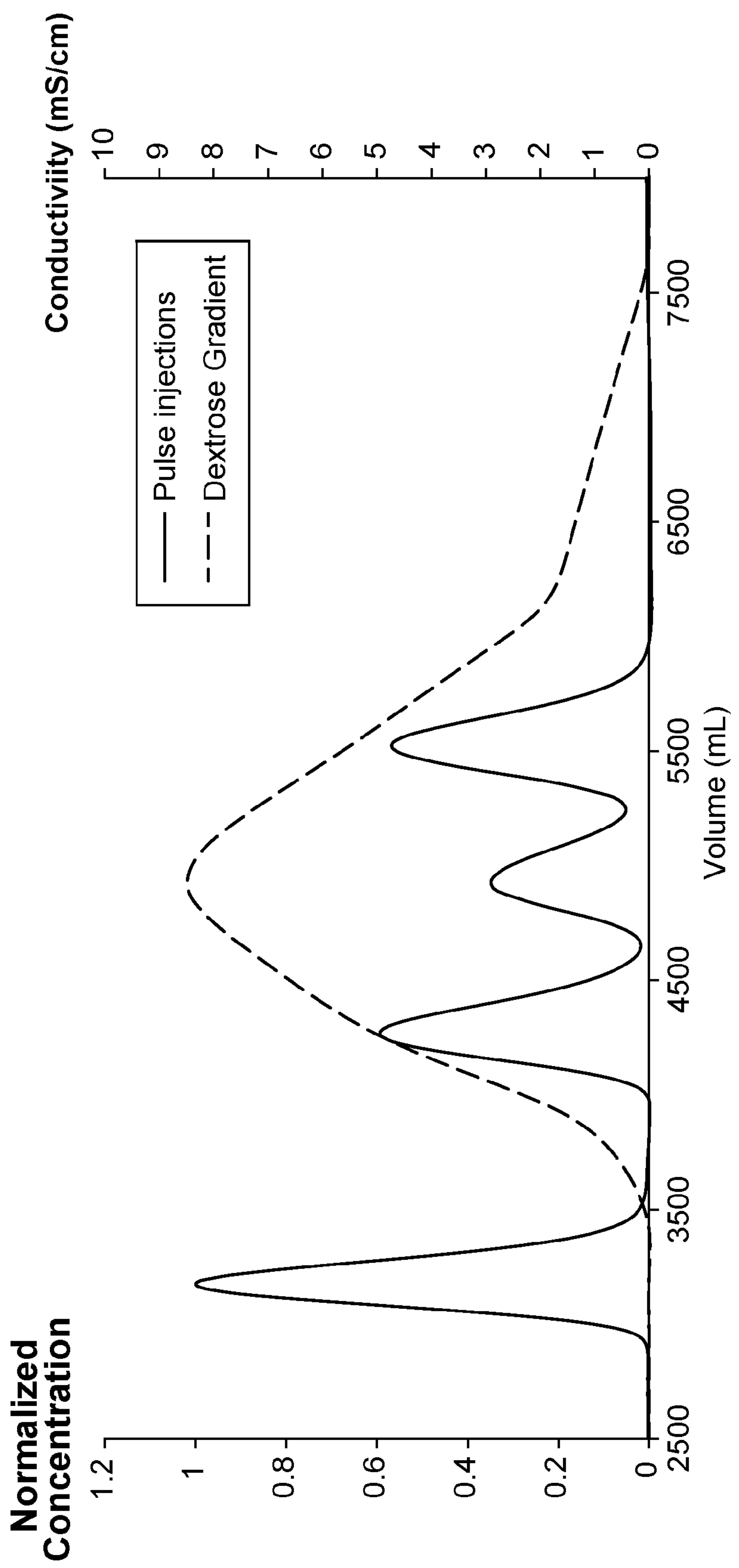
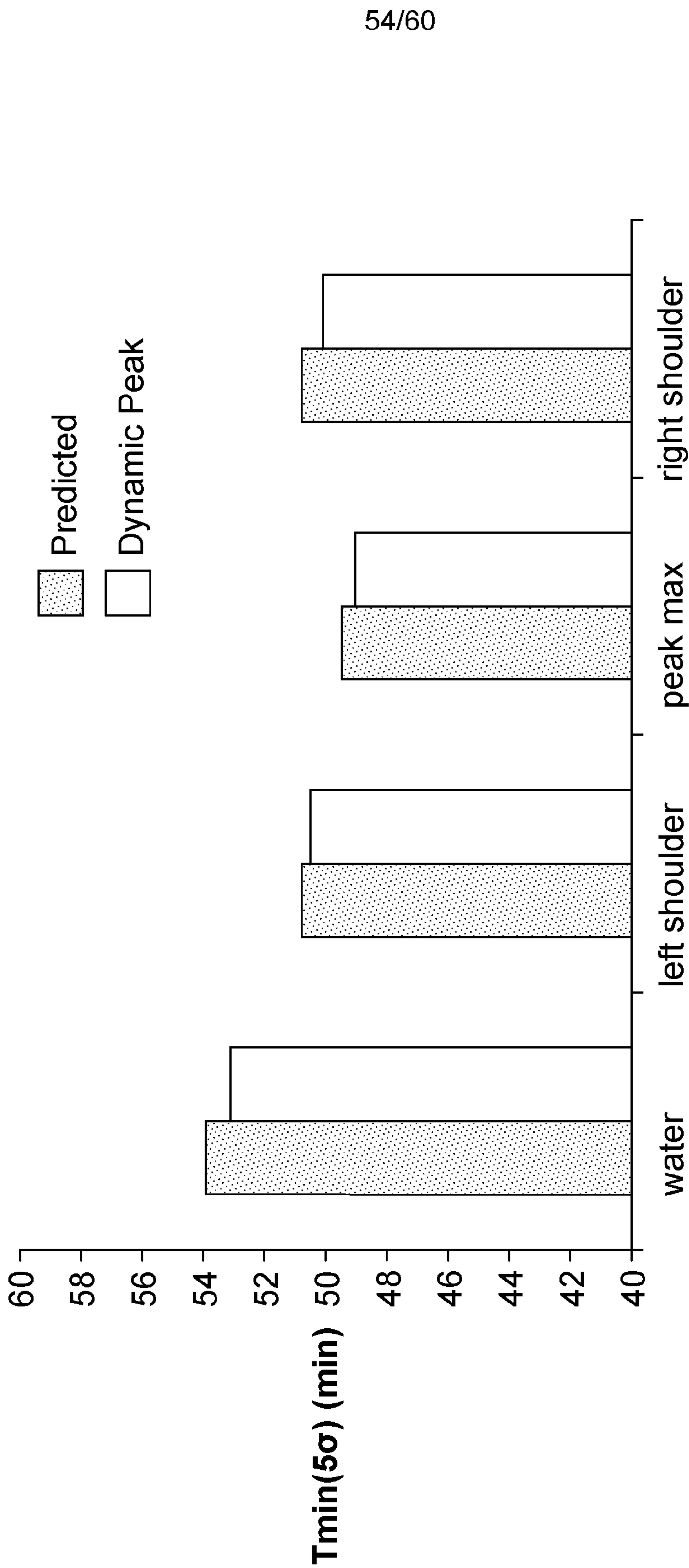


FIG. 17A



Pulse Location in Elution Peak

FIG. 17B

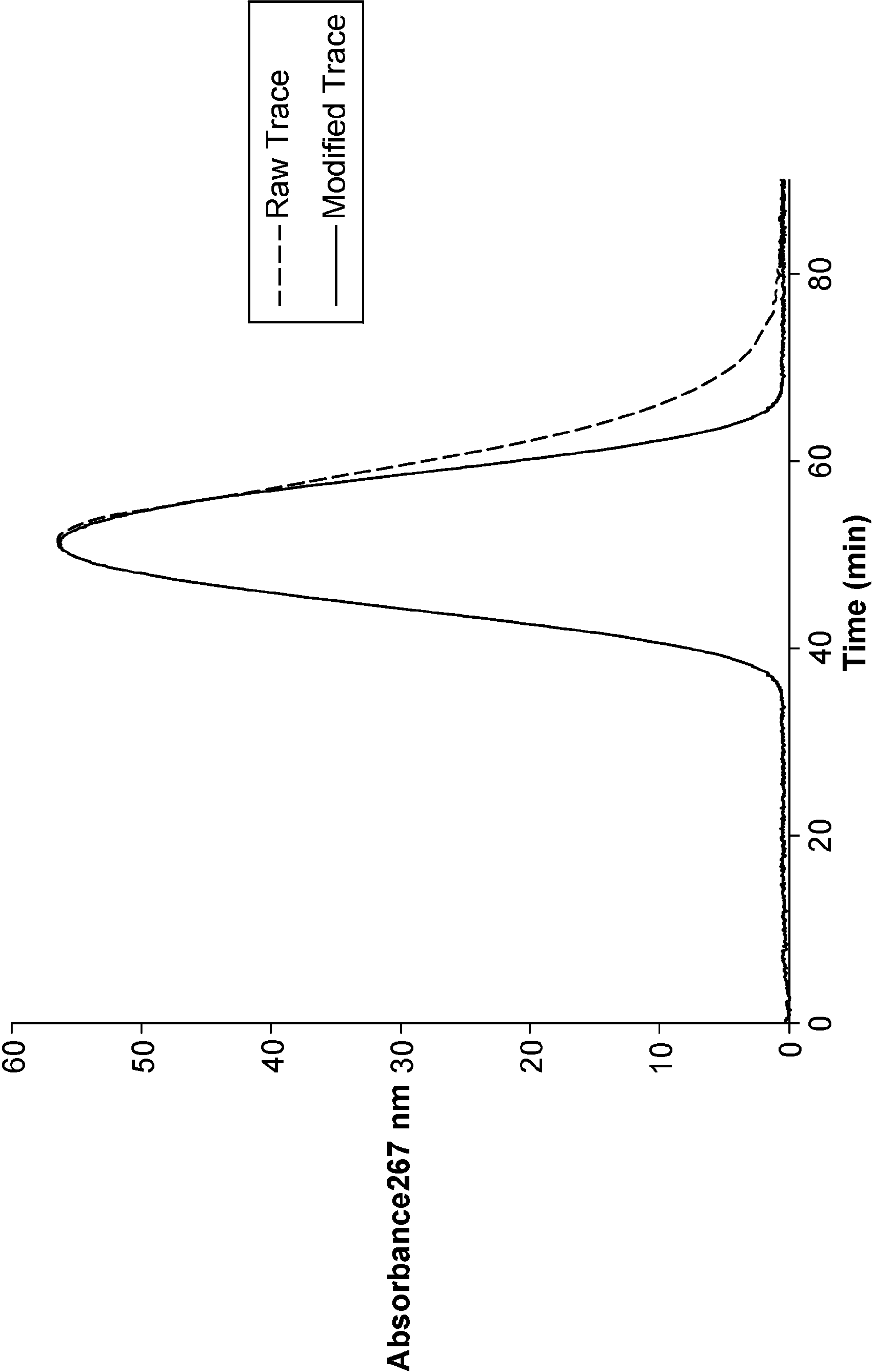


FIG. 18

T_{min} (5σ) Comparison

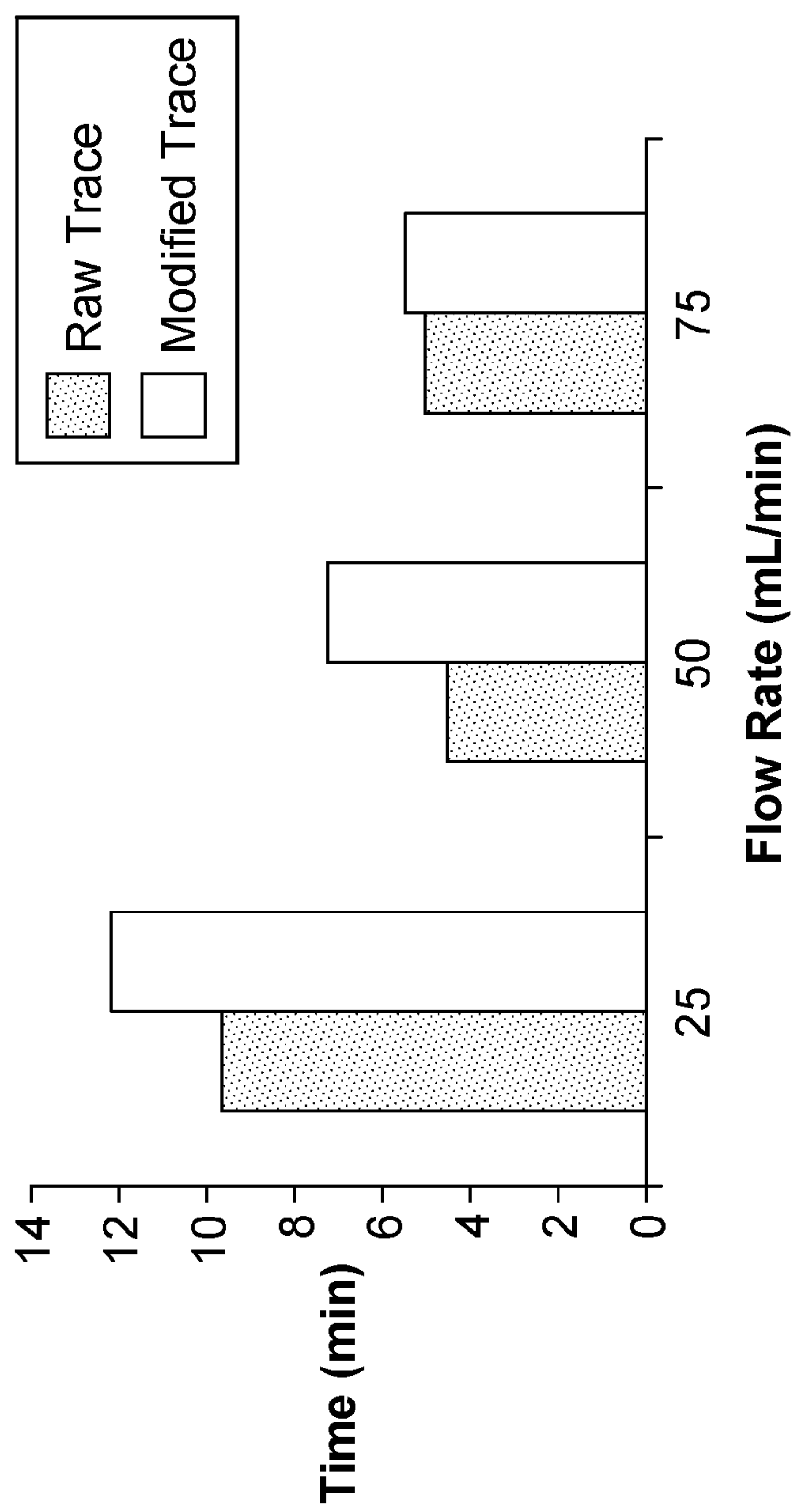


FIG. 19

Low Viscosity - Modified

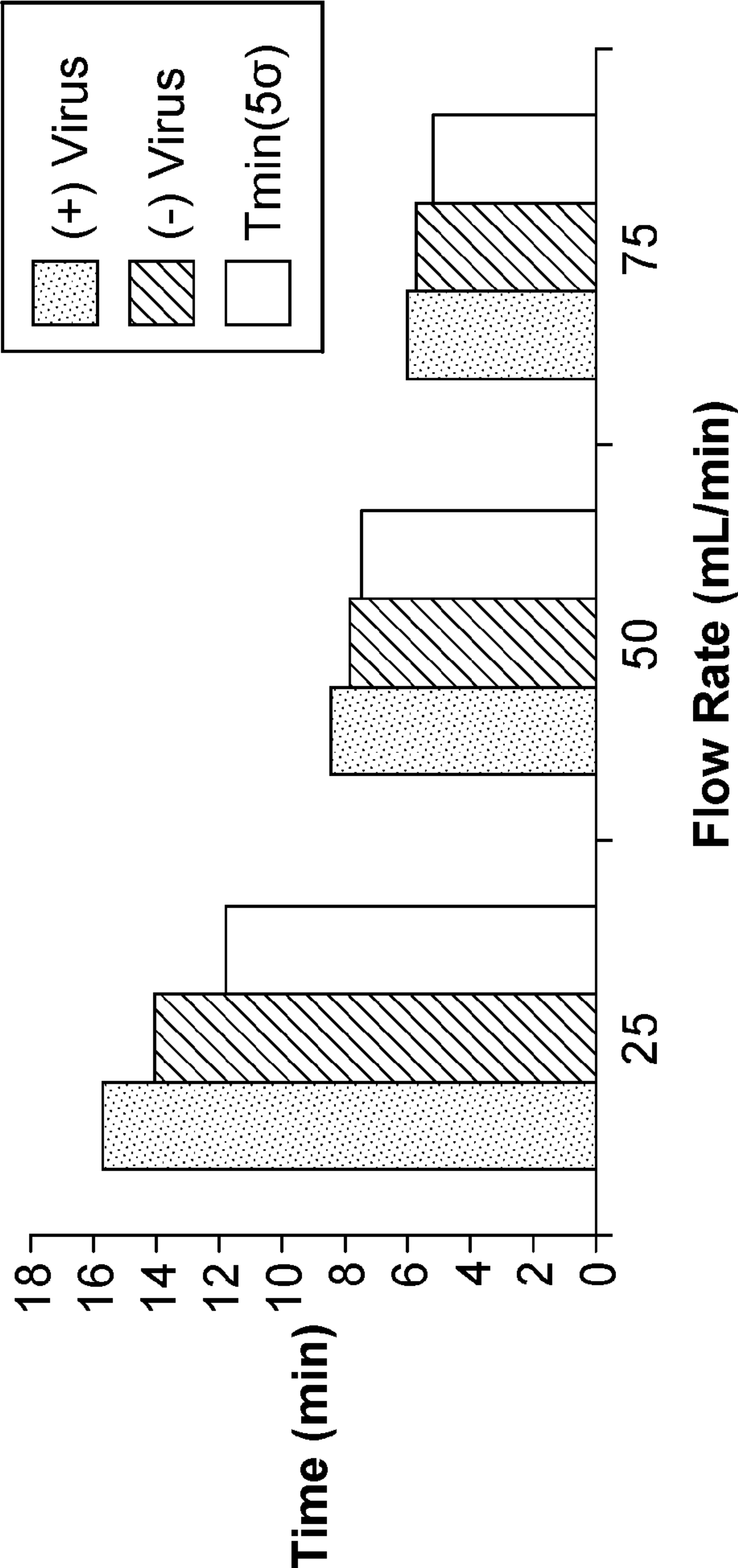


FIG. 20

High Viscosity - Modified

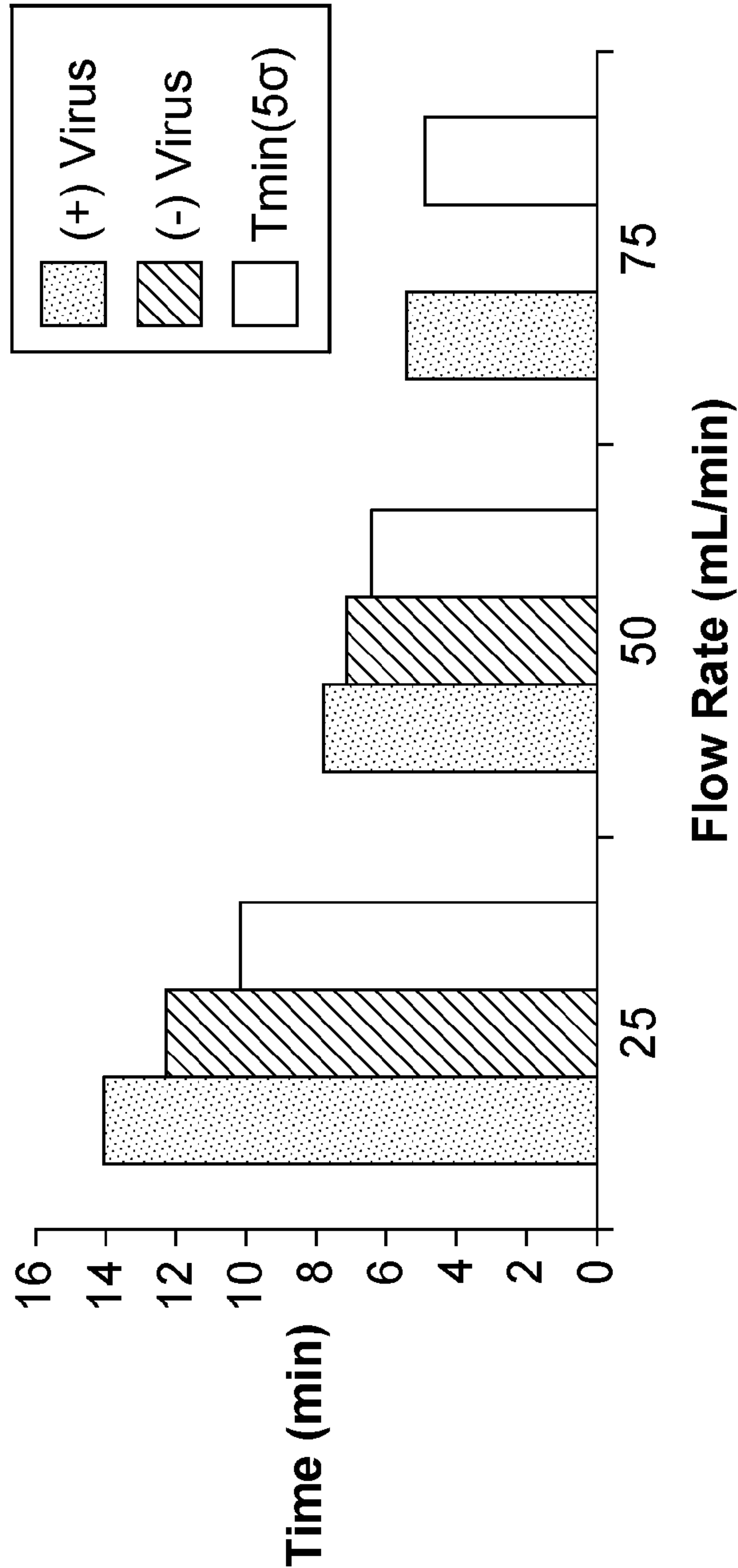


FIG. 21

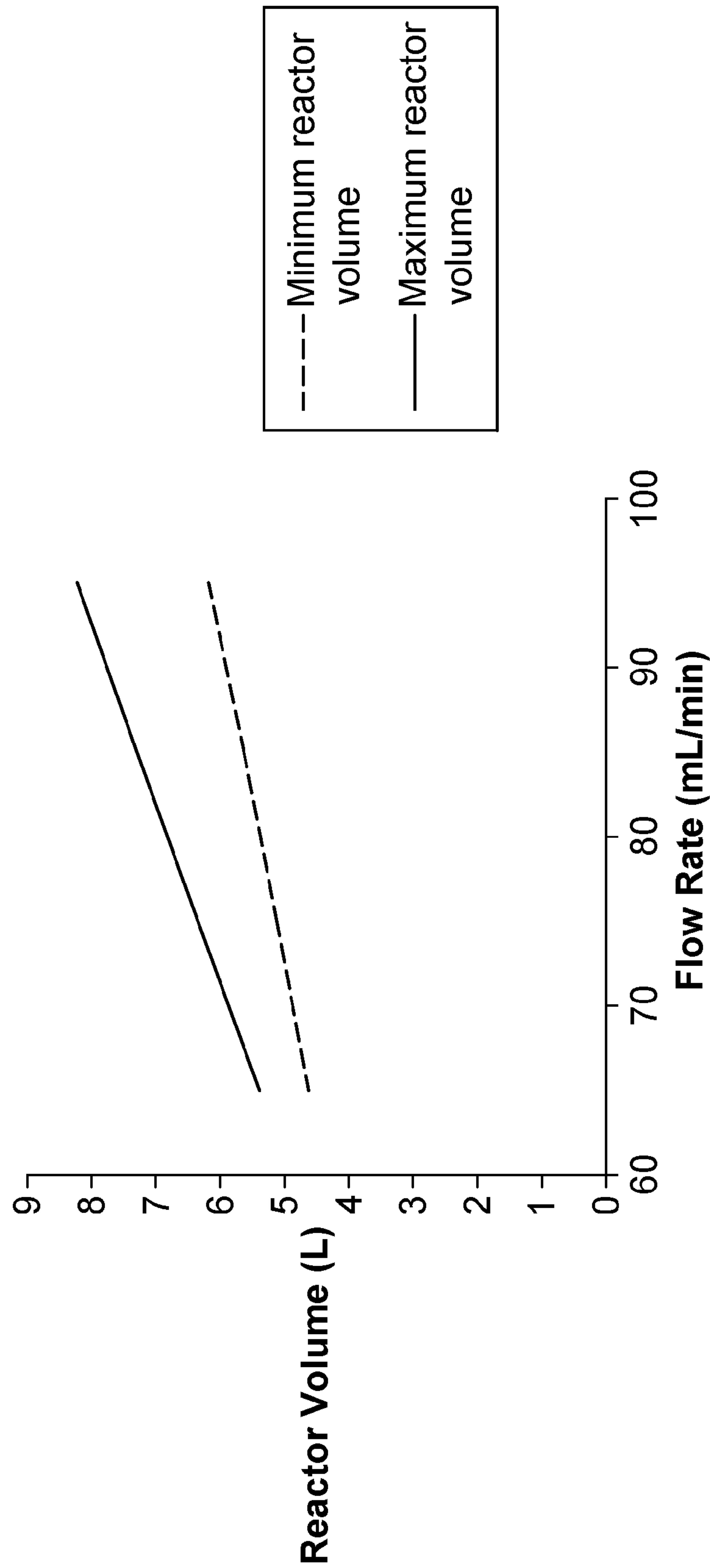


FIG. 22

60/60

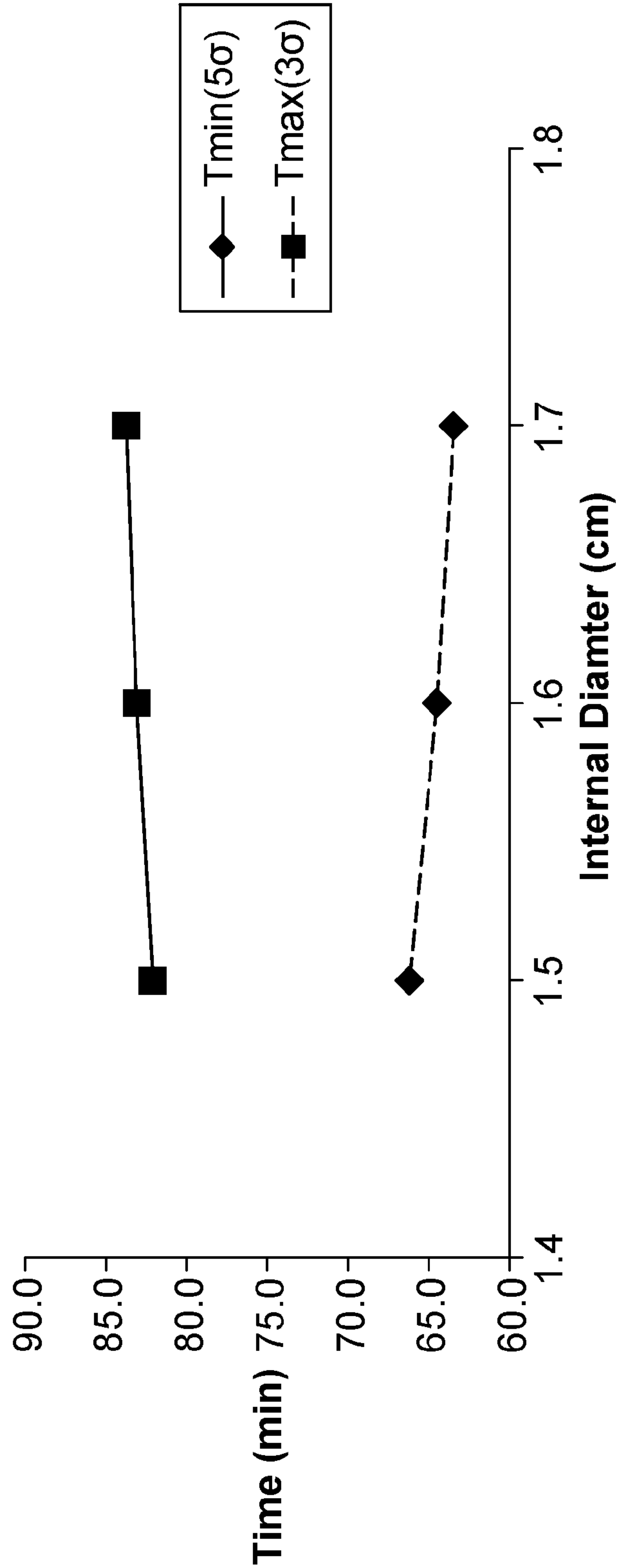


FIG. 23