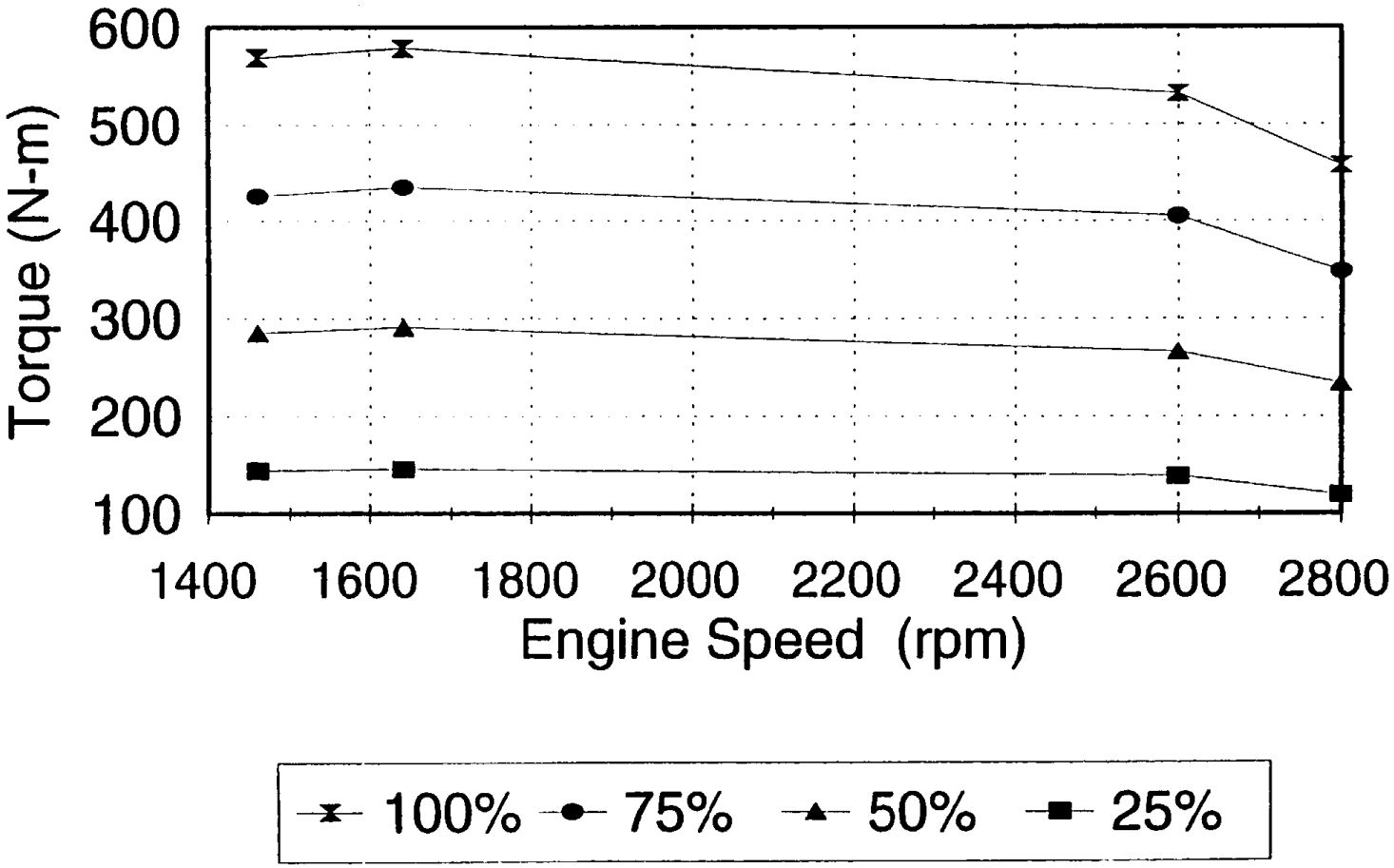
APPENDIX D-1

FUEL A LOW SPEED DATA PLOTS

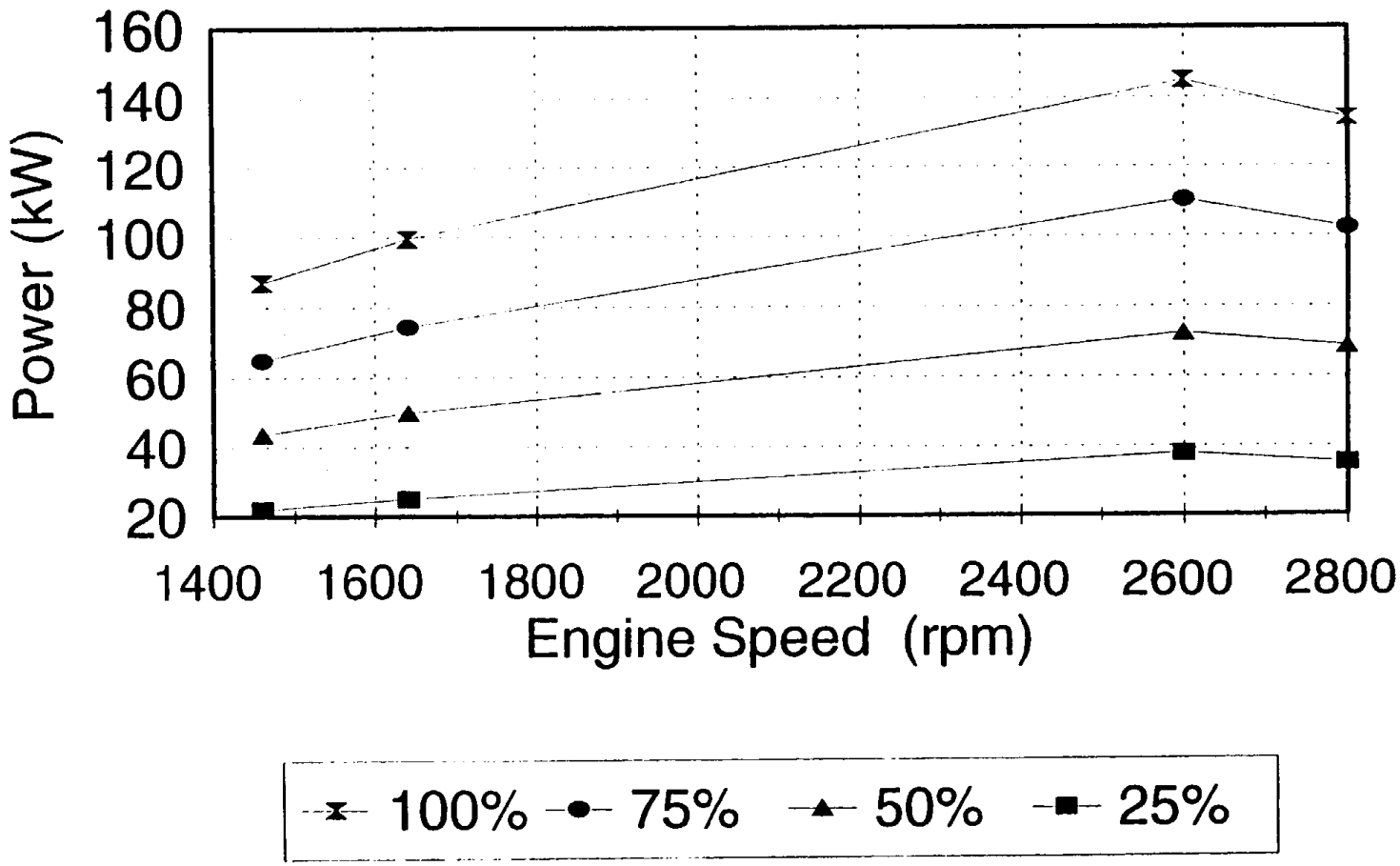
Torque vs. Speed

Test Fuel A



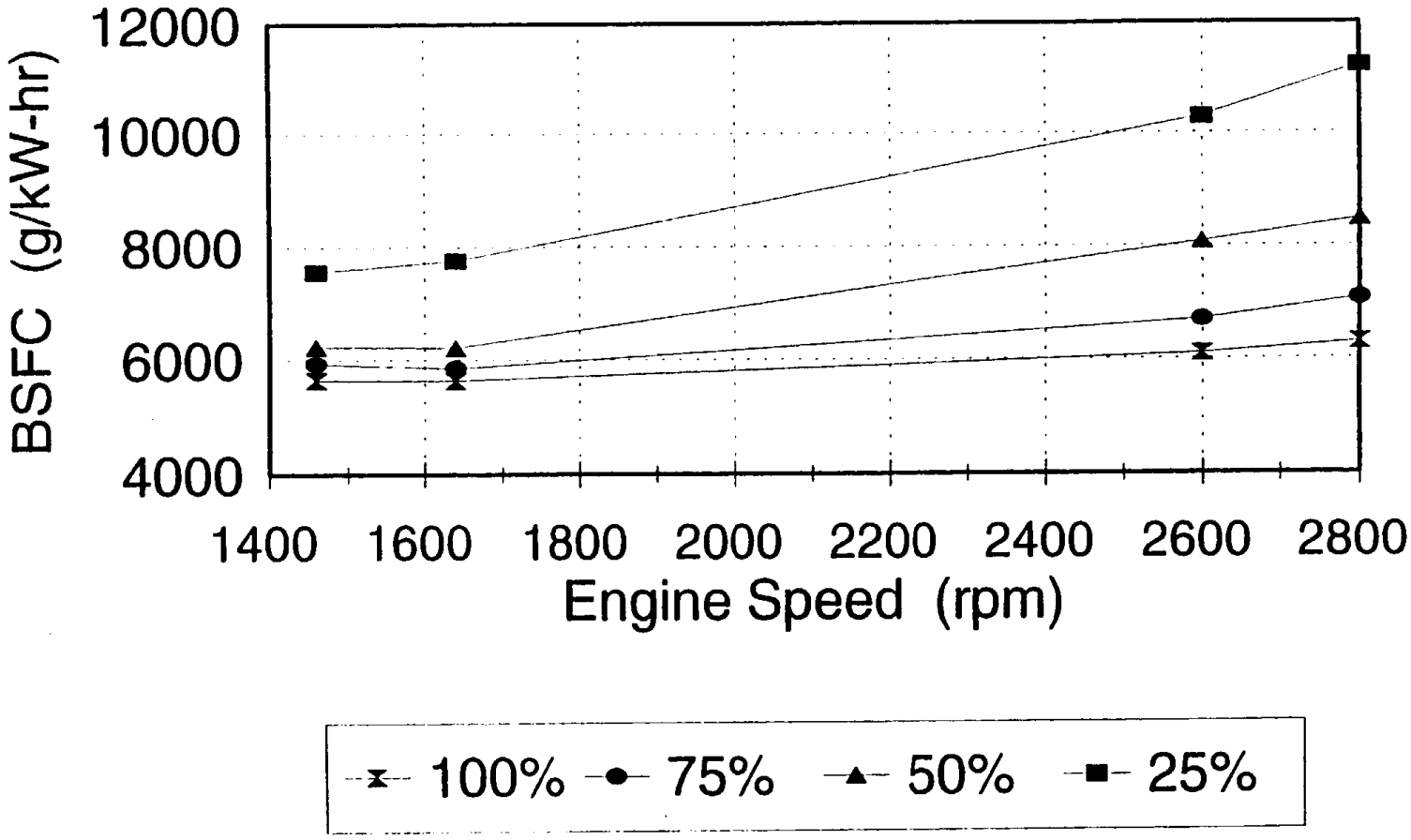
Power vs. Speed

Test Fuel A



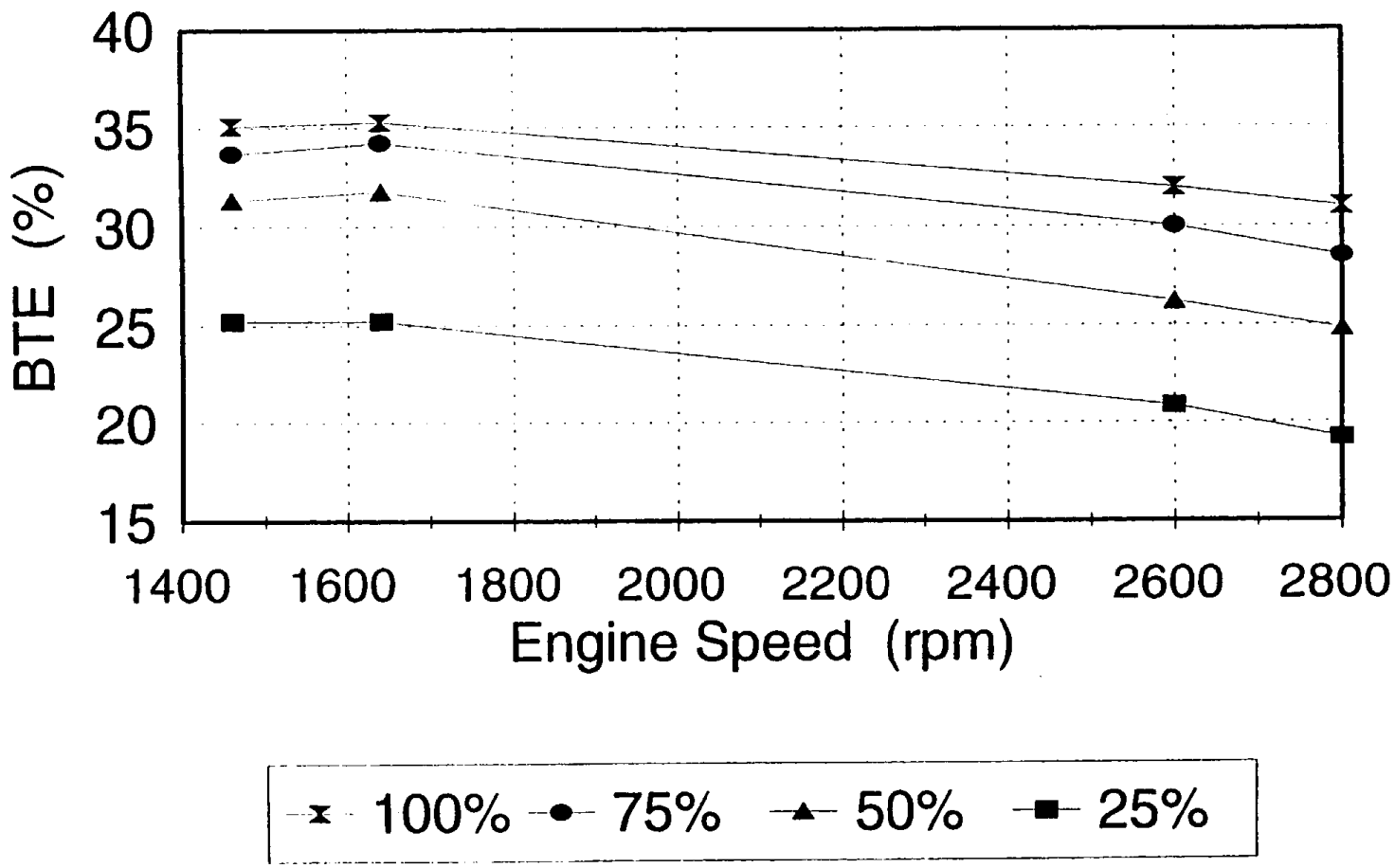
BSFC vs Speed

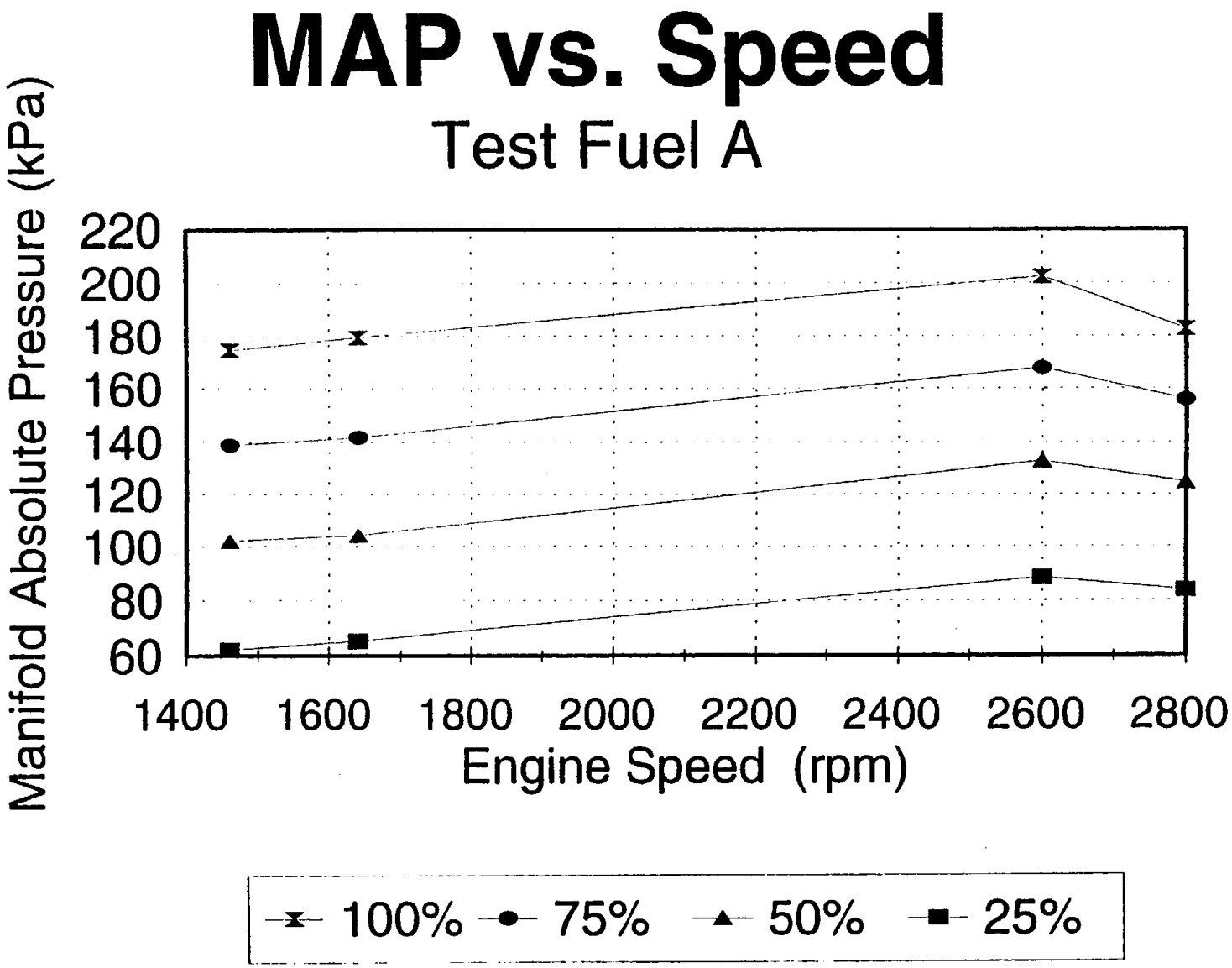
Test Fuel A



BTE vs. Speed

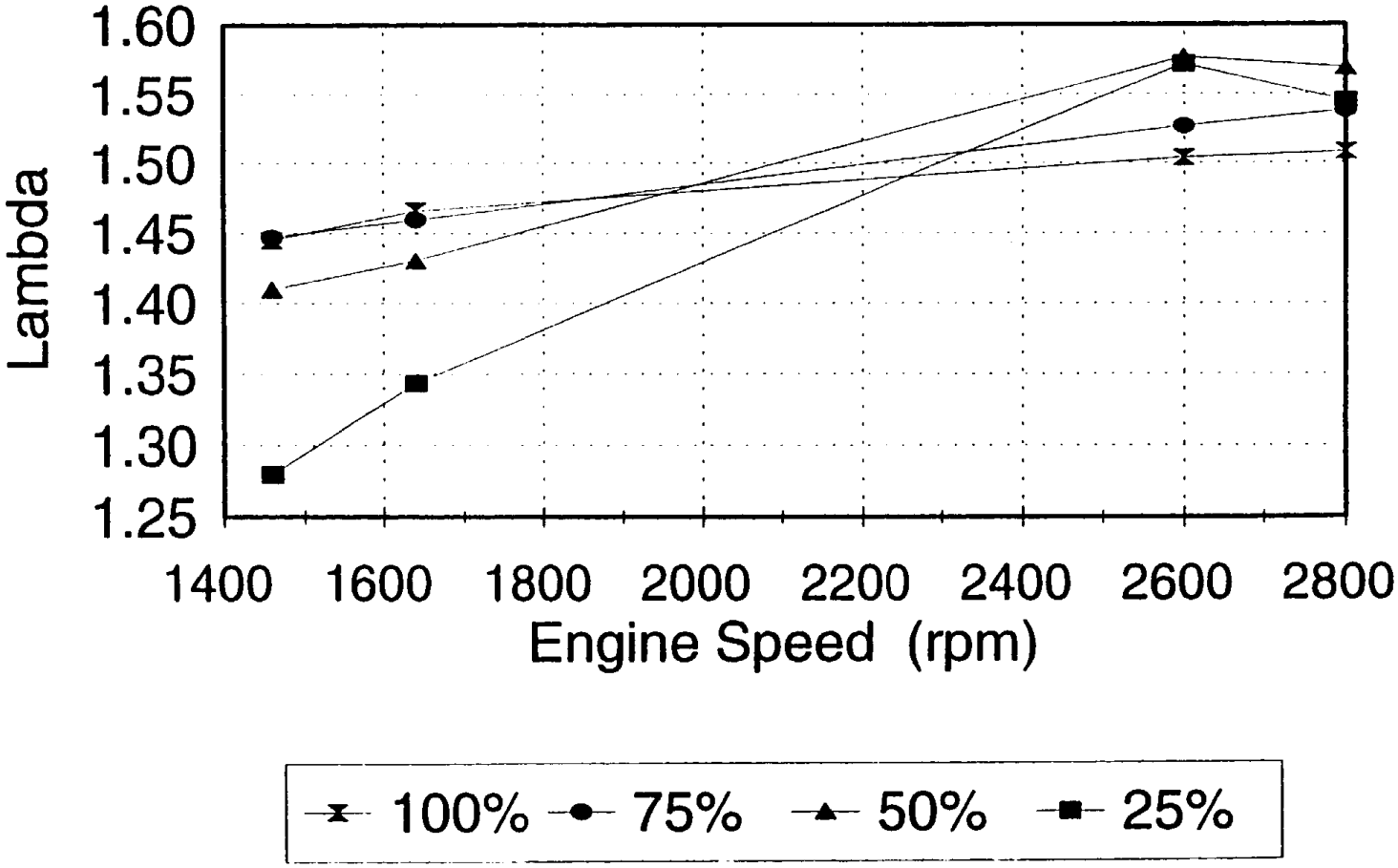
Test Fuel A




MAP vs. Speed
Test Fuel A
Manifold Absolute Pressure (kPa)
220
200
180
160
140
120
100
80
60
1400
1600
1800
2000
2200
2400
2600
2800
Engine Speed (rpm)
100%
75%
50%
25%

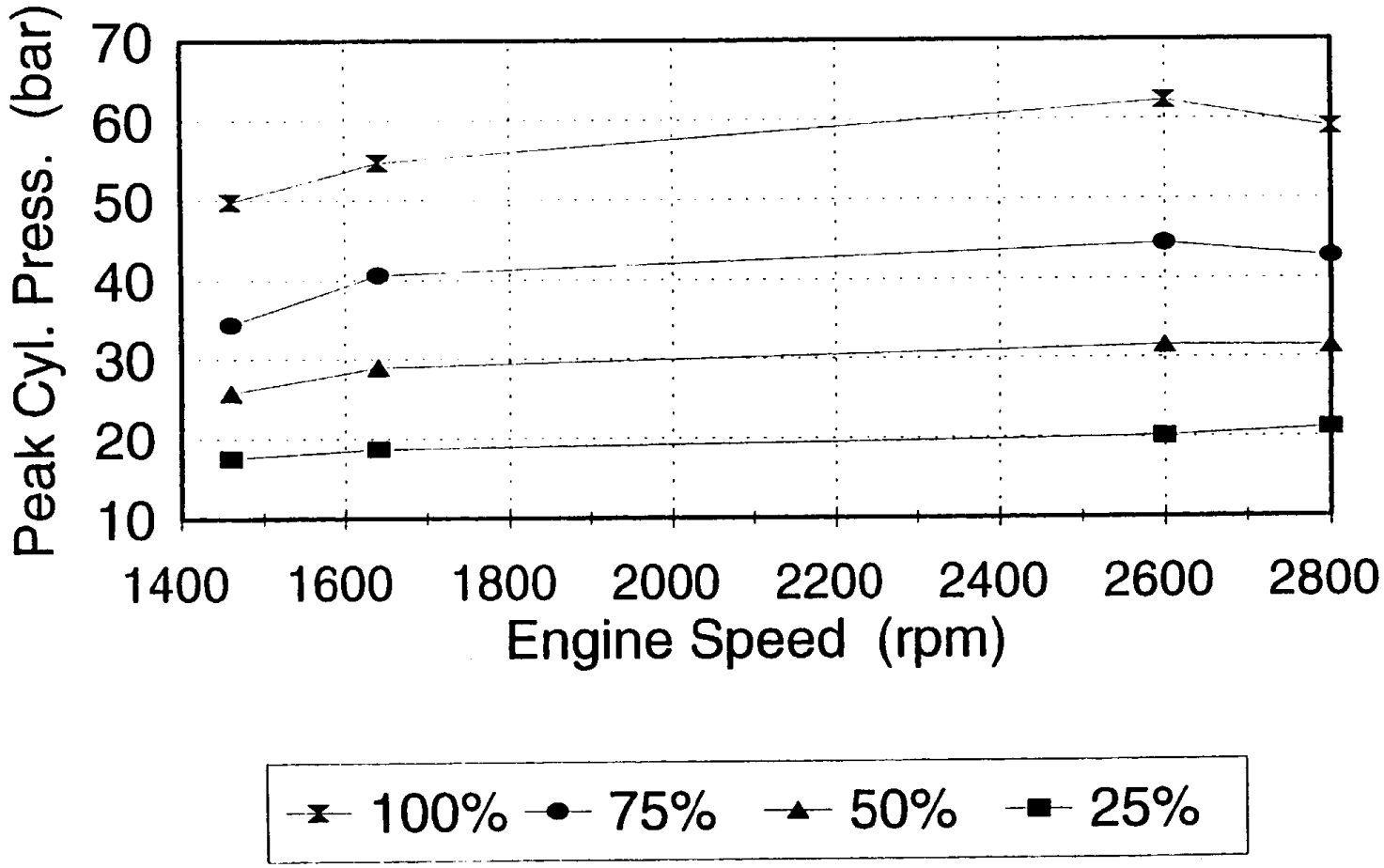
Lambda vs Speed

Test Fuel A



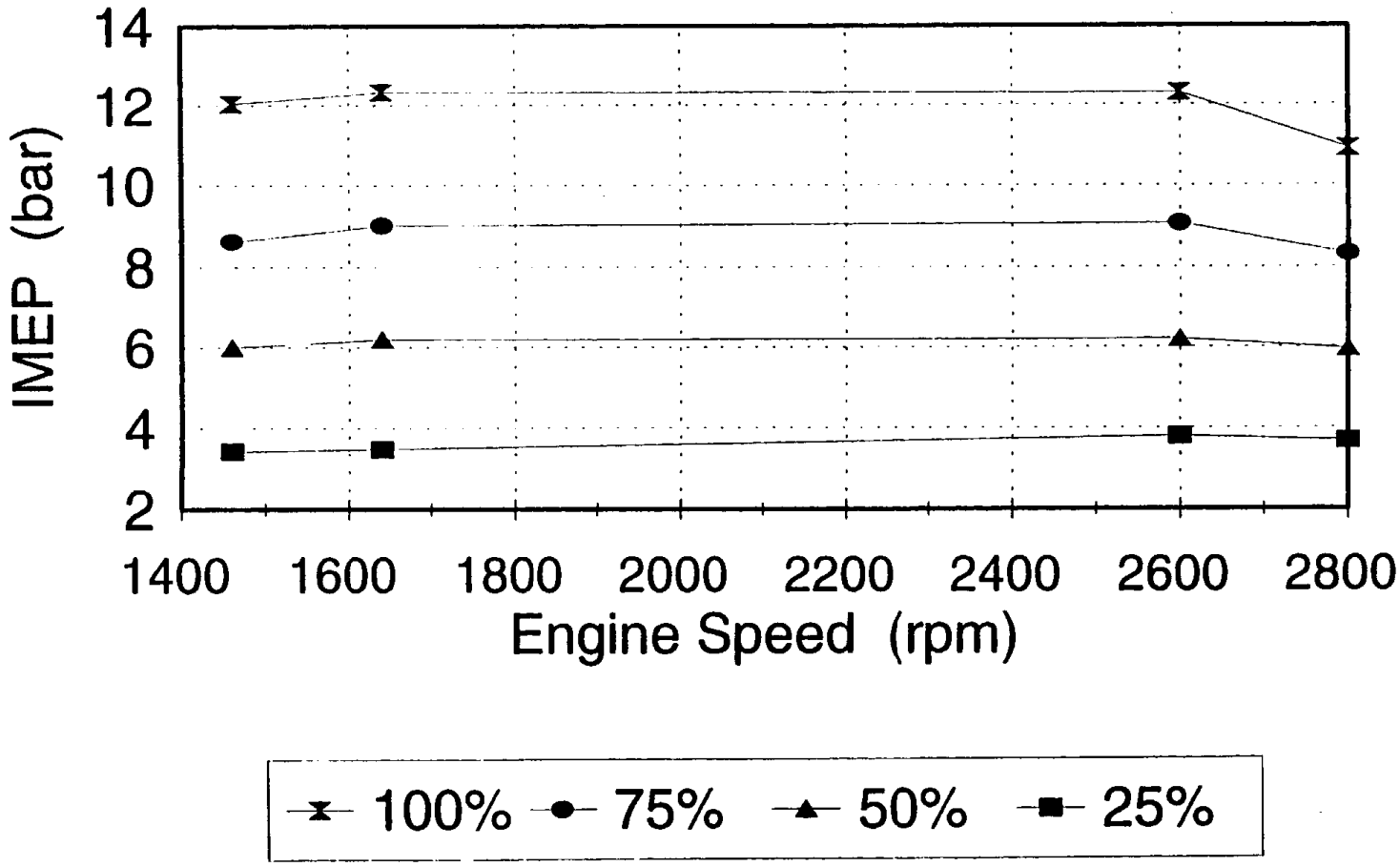
Peak Press. vs. Speed

Test Fuel A



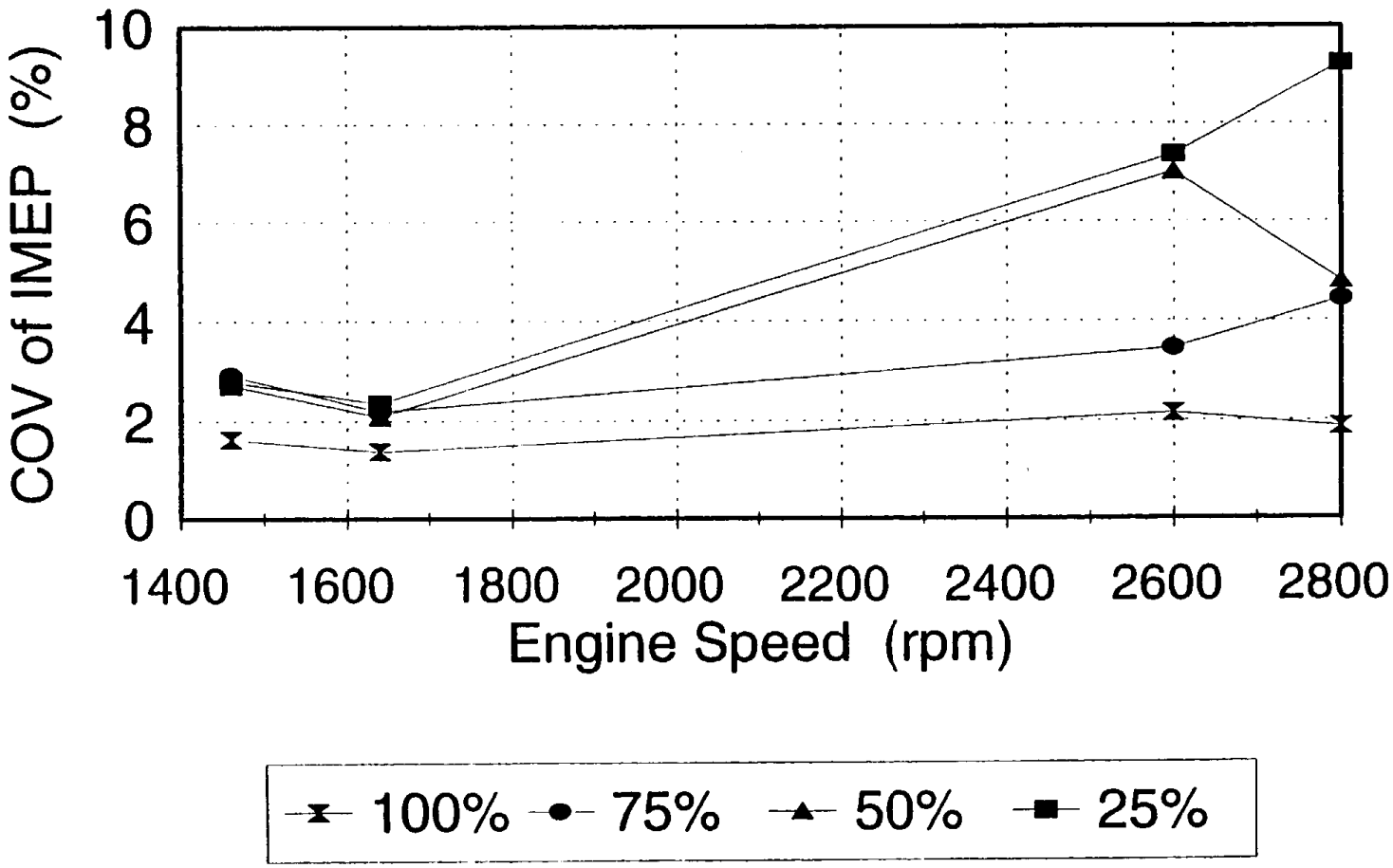
IMEP vs. Speed

Test Fuel A



COV vs. Speed

Test Fuel A

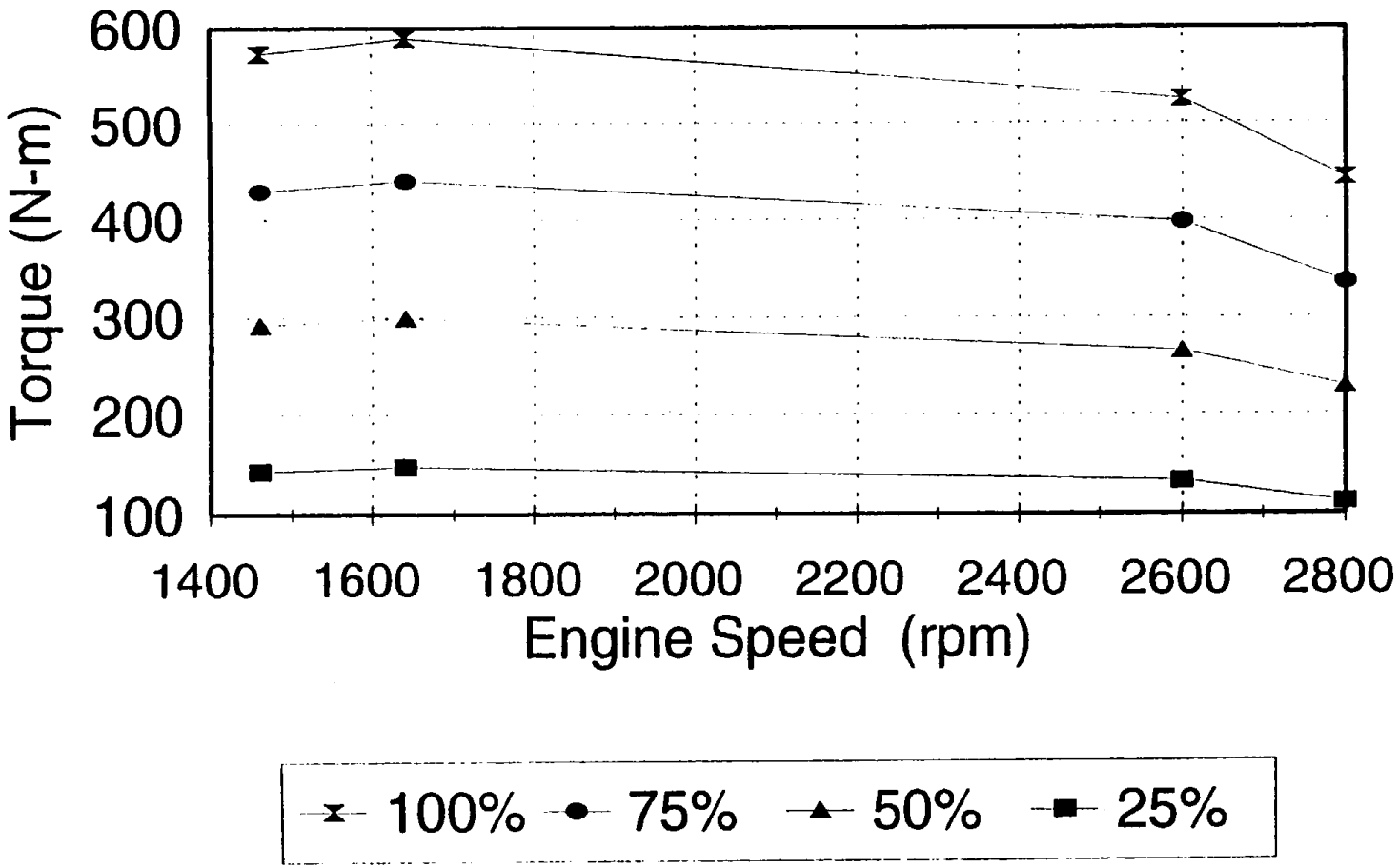


APPENDIX D-2

FUEL B LOW SPEED DATA PLOTS

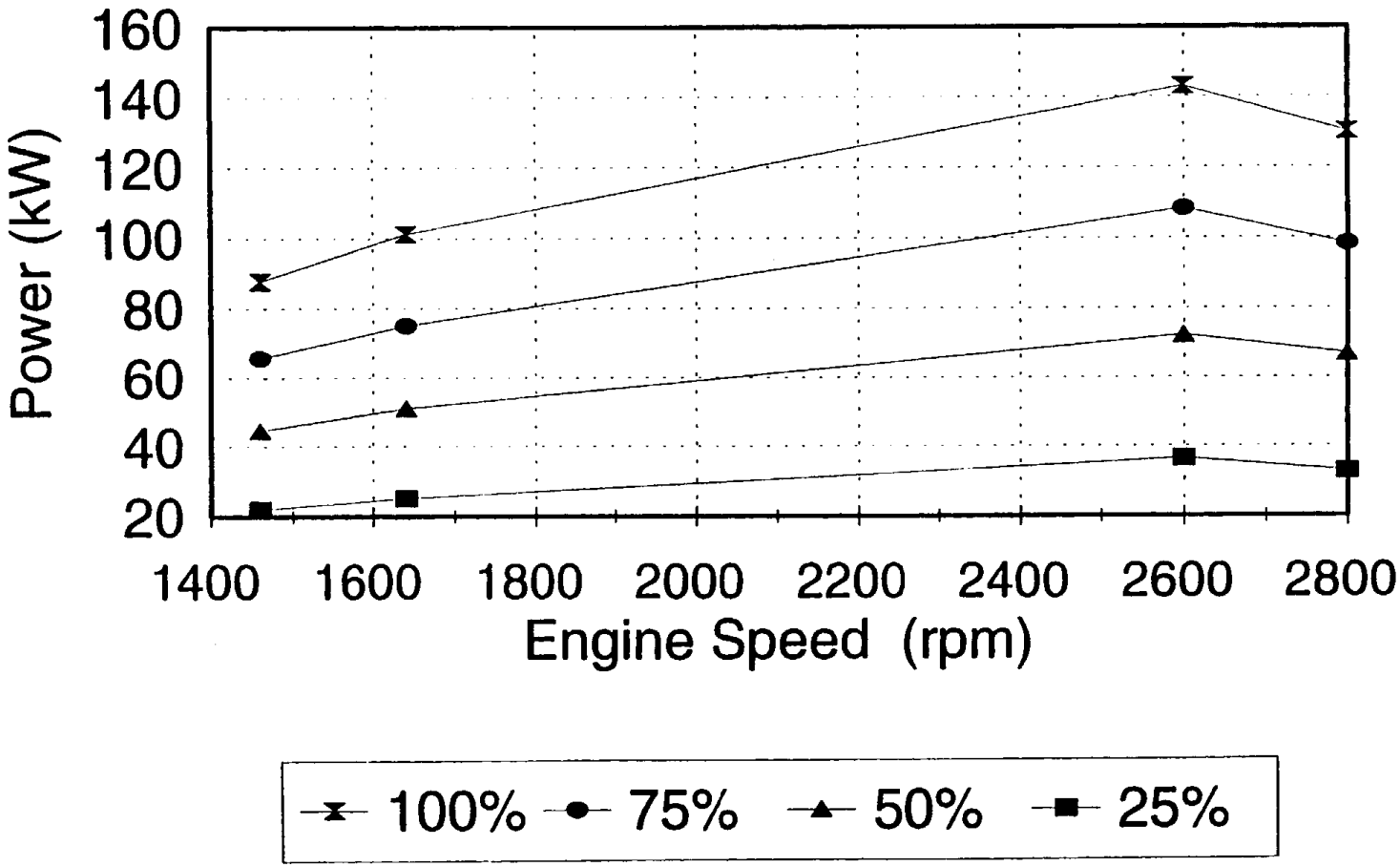
Torque vs. Speed

Test Fuel B



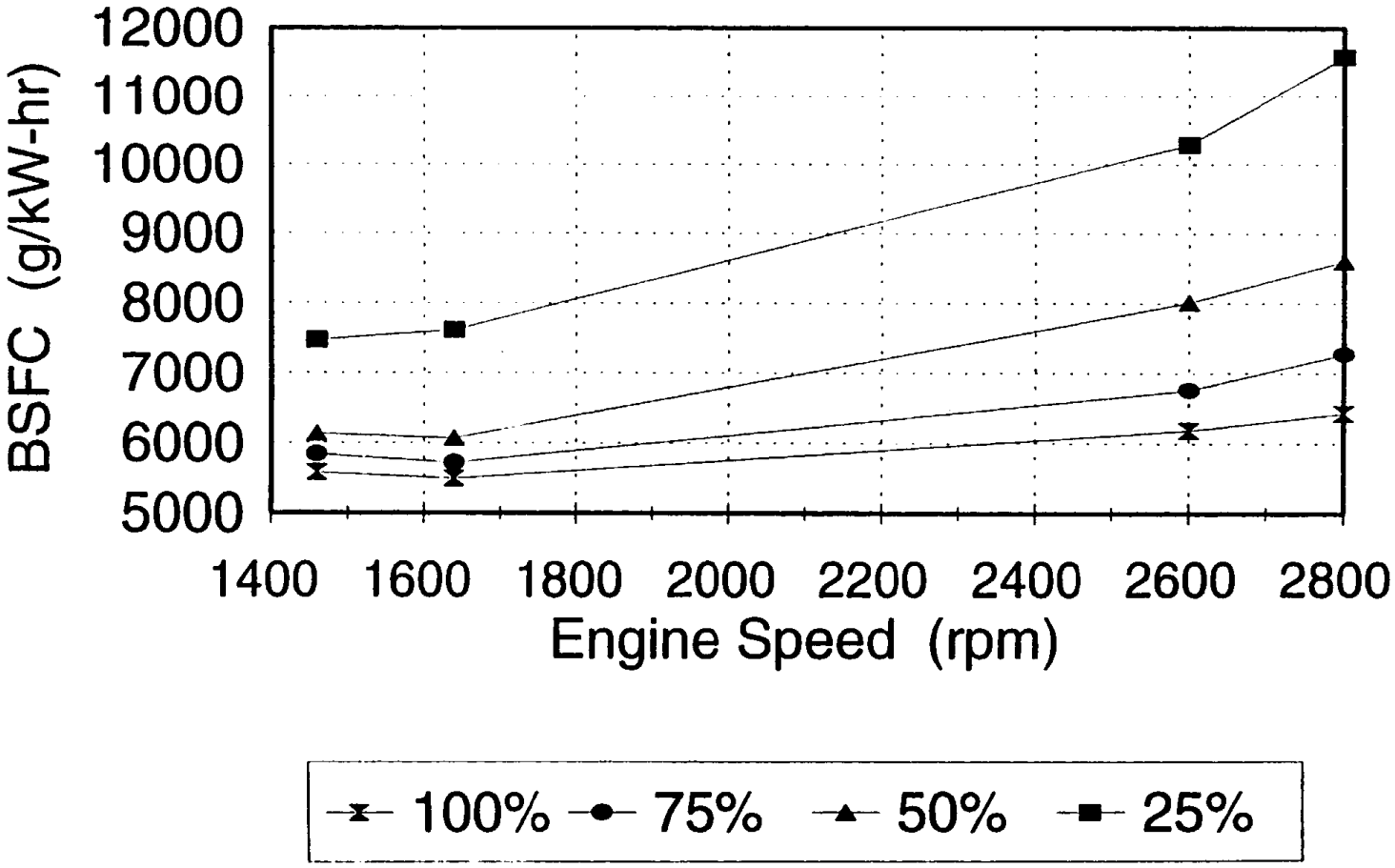
Power vs. Speed

Test Fuel B



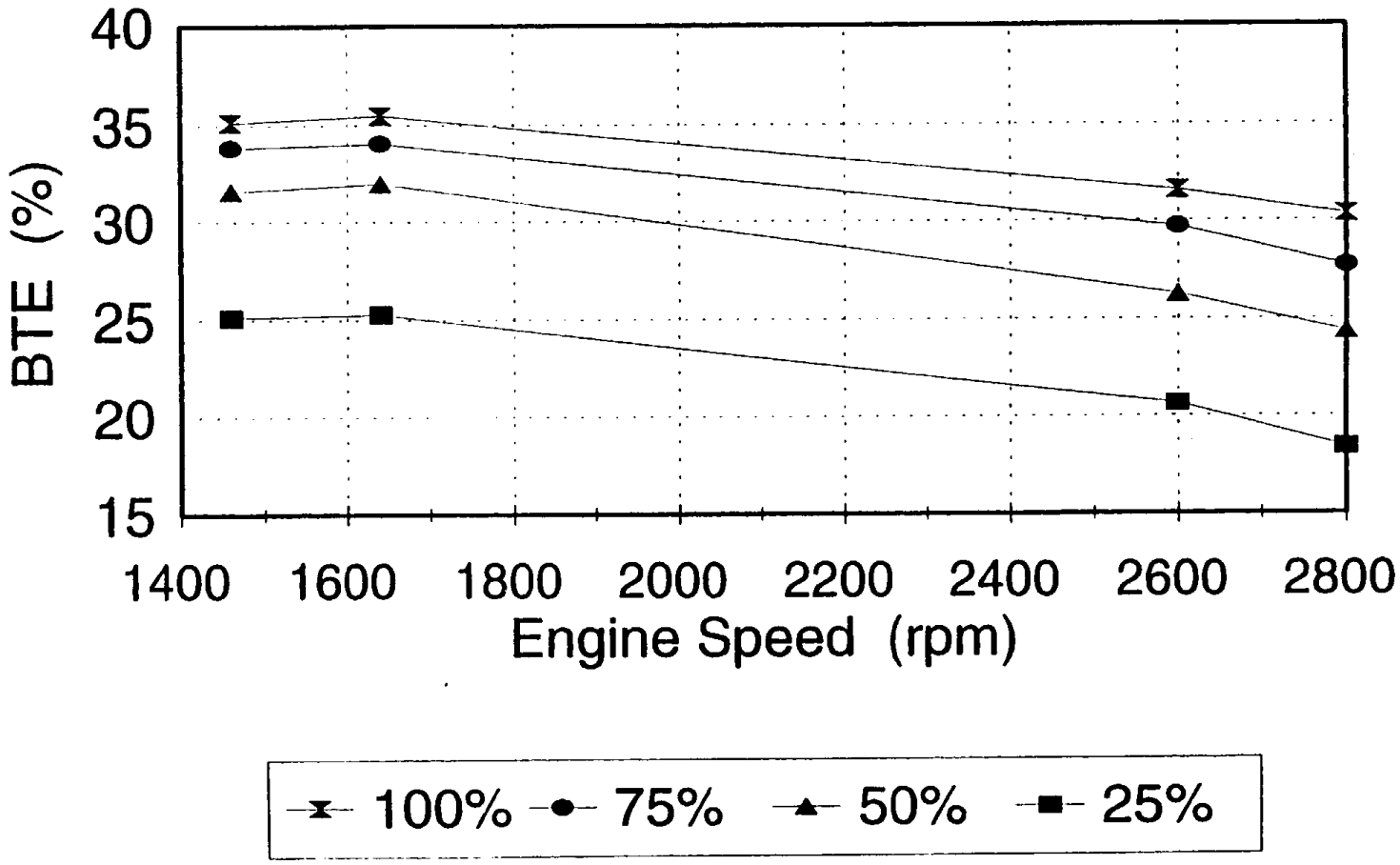
BSFC vs Speed

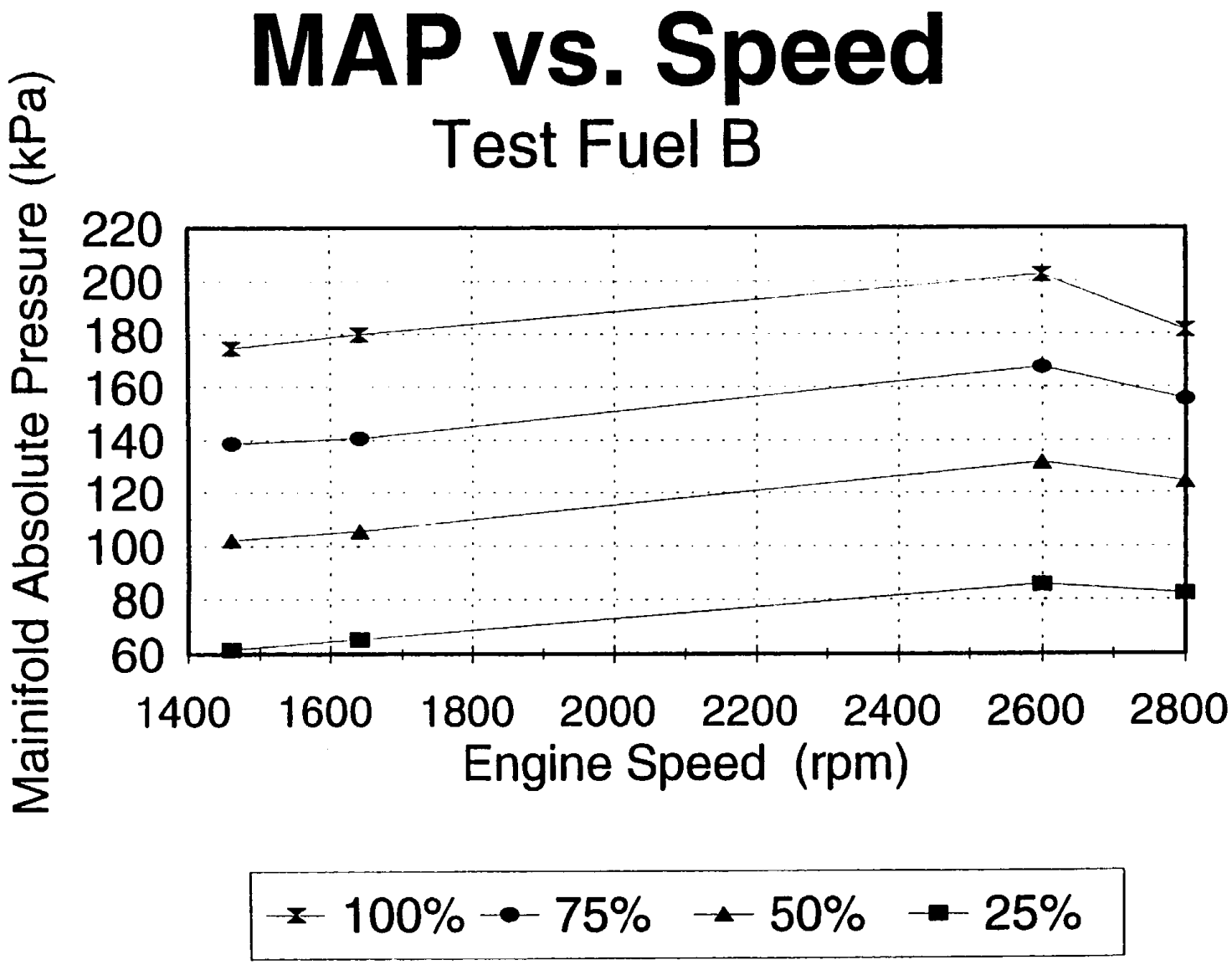
Test Fuel B



BTE vs. Speed

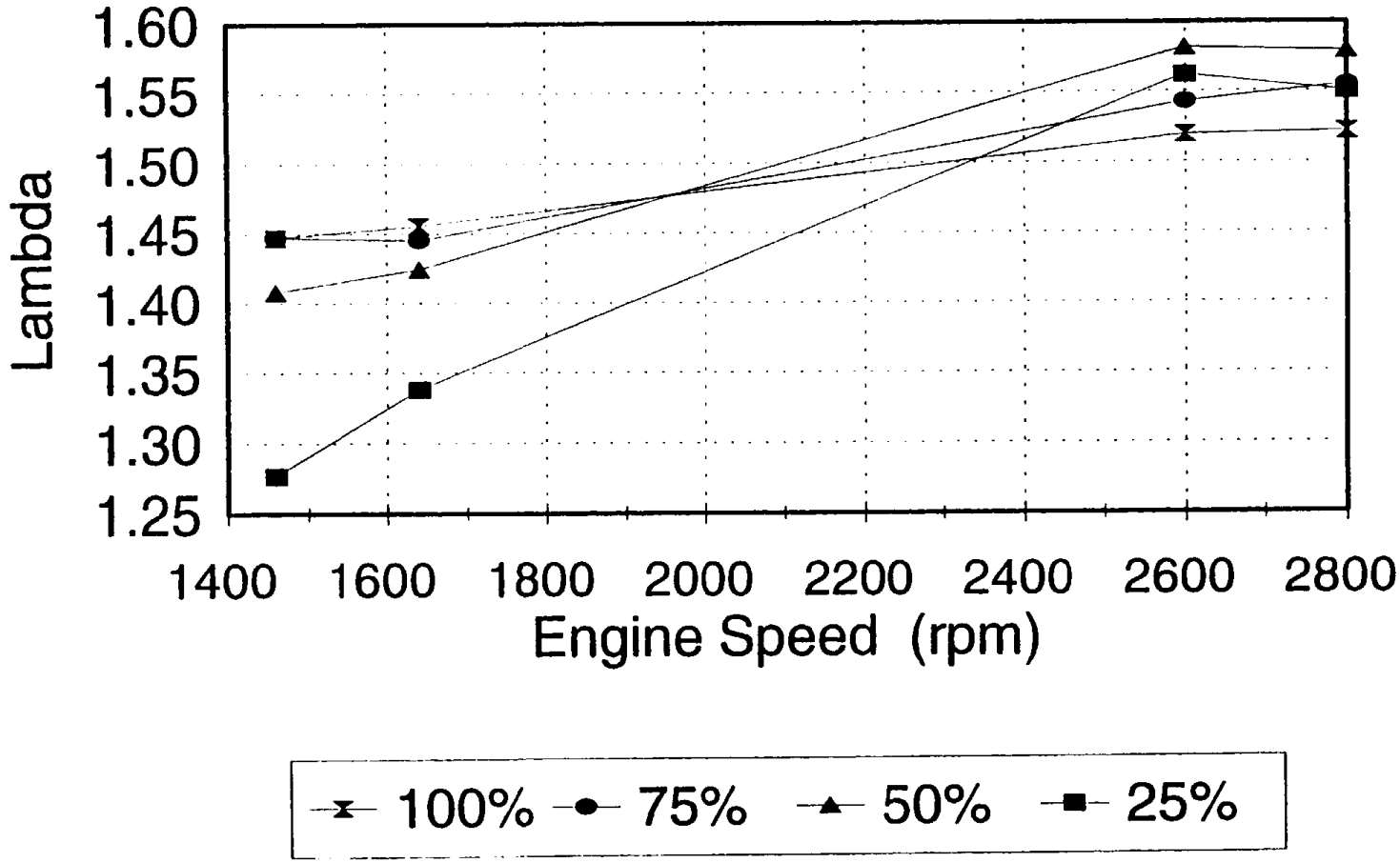
Test Fuel B




MAP vs. Speed
Test Fuel B
Mainifold Absolute Pressure (kPa)
220
200
180
160
140
120
100
80
60
1400
1600
1800
2000
2200
2400
2600
2800
Engine Speed (rpm)
100%
75%
50%
25%

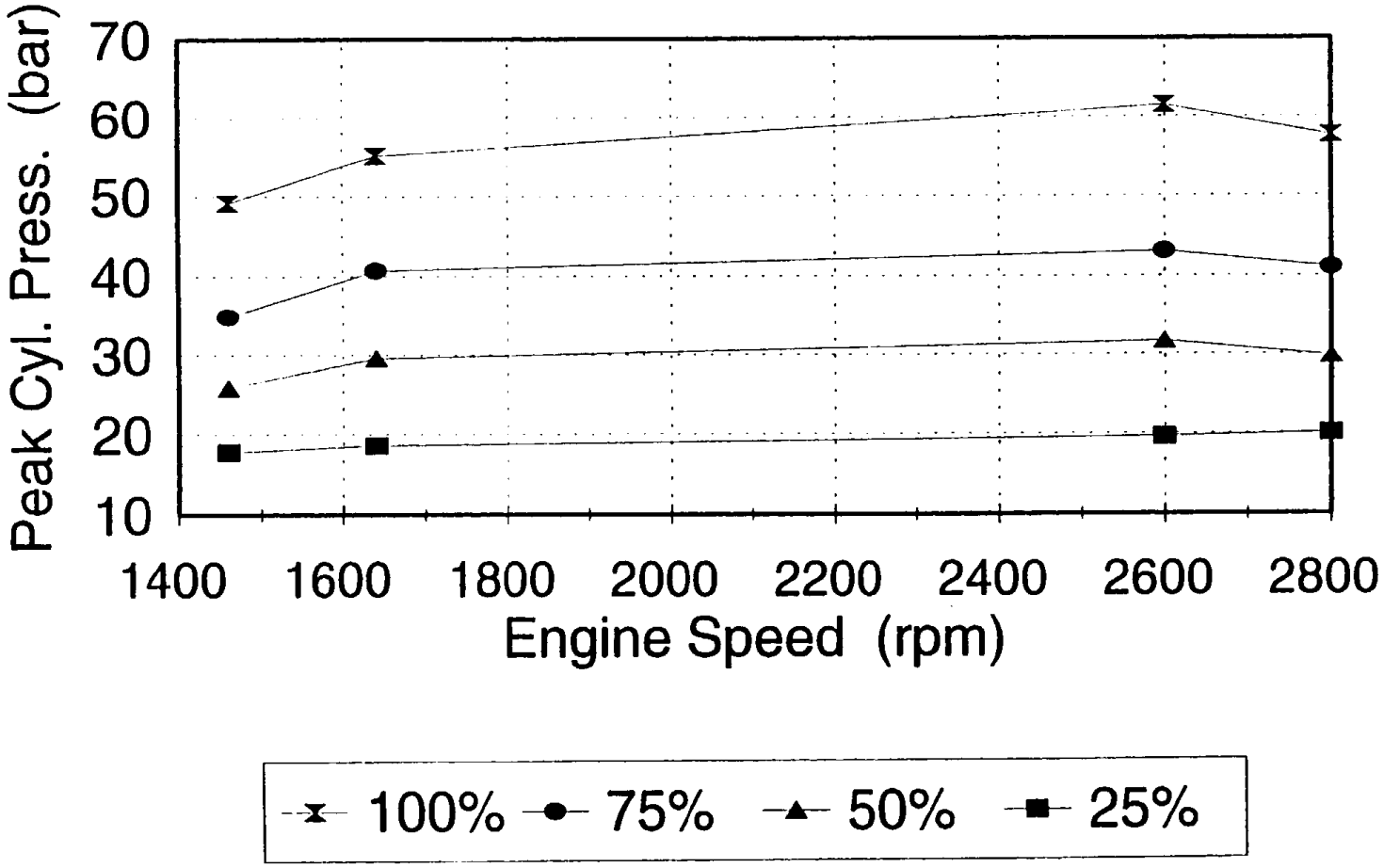
Lambda vs. Speed

Test Fuel B



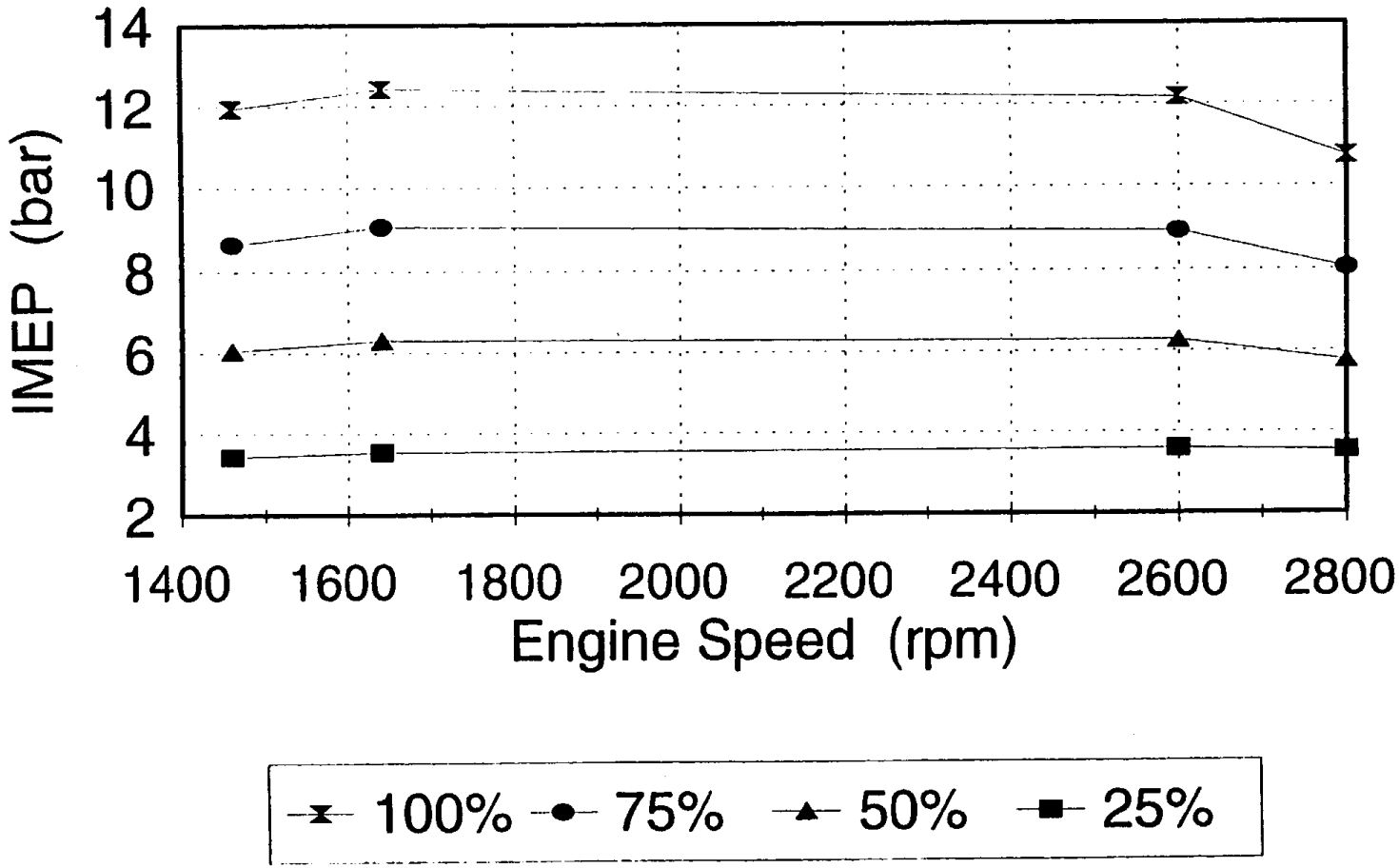
Peak Press. vs. Speed

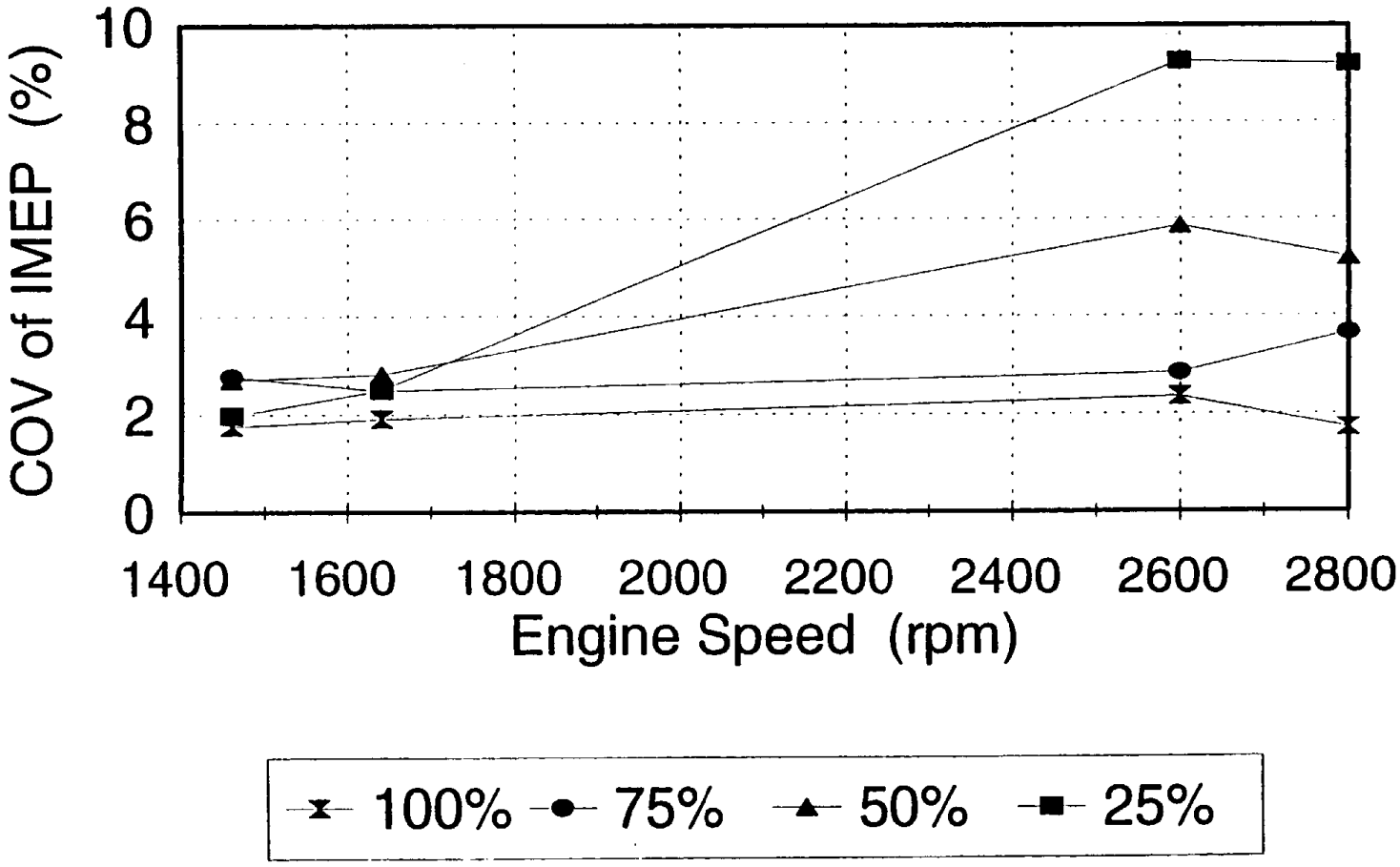
Test Fuel B



IMEP vs. Speed

Test Fuel B



COV vs. Speed

Test Fuel B