

Table A.4 | One-dimensional flow with friction

M	$\frac{T}{T^*}$	$\frac{p}{p^*}$	$\frac{\rho}{\rho^*}$	$\frac{p_0}{p_0^*}$	$\frac{4fL^*}{D}$
0.2000 - 01	0.1200 + 01	0.5477 + 02	0.4565 + 02	0.2894 + 02	0.1778 + 04
0.4000 - 01	0.1200 + 01	0.2738 + 02	0.2283 + 02	0.1448 + 02	0.4404 + 03
0.6000 - 01	0.1199 + 01	0.1825 + 02	0.1522 + 02	0.9666 + 01	0.1930 + 03
0.8000 - 01	0.1198 + 01	0.1368 + 02	0.1142 + 02	0.7262 + 01	0.1067 + 03
0.1000 + 00	0.1198 + 01	0.1094 + 02	0.9138 + 01	0.5822 + 01	0.6692 + 02
0.1200 + 00	0.1197 + 01	0.9116 + 01	0.7618 + 01	0.4864 + 01	0.4541 + 02
0.1400 + 00	0.1195 + 01	0.7809 + 01	0.6533 + 01	0.4182 + 01	0.3251 + 02
0.1600 + 00	0.1194 + 01	0.6829 + 01	0.5720 + 01	0.3673 + 01	0.2420 + 02
0.1800 + 00	0.1192 + 01	0.6066 + 01	0.5088 + 01	0.3278 + 01	0.1854 + 02
0.2000 + 00	0.1190 + 01	0.5455 + 01	0.4583 + 01	0.2964 + 01	0.1453 + 02
0.2200 + 00	0.1188 + 01	0.4955 + 01	0.4169 + 01	0.2708 + 01	0.1160 + 02
0.2400 + 00	0.1186 + 01	0.4538 + 01	0.3825 + 01	0.2496 + 01	0.9386 + 01
0.2600 + 00	0.1184 + 01	0.4185 + 01	0.3535 + 01	0.2317 + 01	0.7688 + 01
0.2800 + 00	0.1181 + 01	0.3882 + 01	0.3286 + 01	0.2166 + 01	0.6357 + 01
0.3000 + 00	0.1179 + 01	0.3619 + 01	0.3070 + 01	0.2035 + 01	0.5299 + 01
0.3200 + 00	0.1176 + 01	0.3389 + 01	0.2882 + 01	0.1922 + 01	0.4447 + 01
0.3400 + 00	0.1173 + 01	0.3185 + 01	0.2716 + 01	0.1823 + 01	0.3752 + 01
0.3600 + 00	0.1170 + 01	0.3004 + 01	0.2568 + 01	0.1736 + 01	0.3180 + 01
0.3800 + 00	0.1166 + 01	0.2842 + 01	0.2437 + 01	0.1659 + 01	0.2705 + 01
0.4000 + 00	0.1163 + 01	0.2696 + 01	0.2318 + 01	0.1590 + 01	0.2308 + 01
0.4200 + 00	0.1159 + 01	0.2563 + 01	0.2212 + 01	0.1529 + 01	0.1974 + 01
0.4400 + 00	0.1155 + 01	0.2443 + 01	0.2114 + 01	0.1474 + 01	0.1692 + 01
0.4600 + 00	0.1151 + 01	0.2333 + 01	0.2026 + 01	0.1425 + 01	0.1451 + 01
0.4800 + 00	0.1147 + 01	0.2231 + 01	0.1945 + 01	0.1380 + 01	0.1245 + 01
0.5000 + 00	0.1143 + 01	0.2138 + 01	0.1871 + 01	0.1340 + 01	0.1069 + 01
0.5200 + 00	0.1138 + 01	0.2052 + 01	0.1802 + 01	0.1303 + 01	0.9174 + 00
0.5400 + 00	0.1134 + 01	0.1972 + 01	0.1739 + 01	0.1270 + 01	0.7866 + 00
0.5600 + 00	0.1129 + 01	0.1898 + 01	0.1680 + 01	0.1240 + 01	0.6736 + 00
0.5800 + 00	0.1124 + 01	0.1828 + 01	0.1626 + 01	0.1213 + 01	0.5757 + 00
0.6000 + 00	0.1119 + 01	0.1763 + 01	0.1575 + 01	0.1188 + 01	0.4908 + 00
0.6200 + 00	0.1114 + 01	0.1703 + 01	0.1528 + 01	0.1166 + 01	0.4172 + 00
0.6400 + 00	0.1109 + 01	0.1646 + 01	0.1484 + 01	0.1145 + 01	0.3533 + 00
0.6600 + 00	0.1104 + 01	0.1592 + 01	0.1442 + 01	0.1127 + 01	0.2979 + 00
0.6800 + 00	0.1098 + 01	0.1541 + 01	0.1403 + 01	0.1110 + 01	0.2498 + 00
0.7000 + 00	0.1093 + 01	0.1493 + 01	0.1367 + 01	0.1094 + 01	0.2081 + 00
0.7200 + 00	0.1087 + 01	0.1448 + 01	0.1332 + 01	0.1081 + 01	0.1721 + 00
0.7400 + 00	0.1082 + 01	0.1405 + 01	0.1299 + 01	0.1068 + 01	0.1411 + 00
0.7600 + 00	0.1076 + 01	0.1365 + 01	0.1269 + 01	0.1057 + 01	0.1145 + 00
0.7800 + 00	0.1070 + 01	0.1326 + 01	0.1240 + 01	0.1047 + 01	0.9167 - 01
0.8000 + 00	0.1064 + 01	0.1289 + 01	0.1212 + 01	0.1038 + 01	0.7229 - 01
0.8200 + 00	0.1058 + 01	0.1254 + 01	0.1186 + 01	0.1030 + 01	0.5593 - 01
0.8400 + 00	0.1052 + 01	0.1221 + 01	0.1161 + 01	0.1024 + 01	0.4226 - 01
0.8600 + 00	0.1045 + 01	0.1189 + 01	0.1137 + 01	0.1018 + 01	0.3097 - 01
0.8800 + 00	0.1039 + 01	0.1158 + 01	0.1115 + 01	0.1013 + 01	0.2179 - 01
0.9000 + 00	0.1033 + 01	0.1129 + 01	0.1093 + 01	0.1009 + 01	0.1451 - 01
0.9200 + 00	0.1026 + 01	0.1101 + 01	0.1073 + 01	0.1006 + 01	0.8913 - 02
0.9400 + 00	0.1020 + 01	0.1074 + 01	0.1053 + 01	0.1003 + 01	0.4815 - 02
0.9600 + 00	0.1013 + 01	0.1049 + 01	0.1035 + 01	0.1001 + 01	0.2057 - 02
0.9800 + 00	0.1007 + 01	0.1024 + 01	0.1017 + 01	0.1000 + 01	0.4947 - 03
0.1000 + 01	0.1000 + 01	0.1000 + 01	0.1000 + 01	0.1000 + 01	0.0000 + 00

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Table A.4 | Continued

M	$\frac{T}{T^*}$	$\frac{p}{p^*}$	$\frac{\rho}{\rho^*}$	$\frac{p_0}{p_0^*}$	$\frac{4fL^*}{D}$
0.1020 + 01	0.9933 + 00	0.9771 + 00	0.9837 + 00	0.1000 + 01	0.4587 - 03
0.1040 + 01	0.9866 + 00	0.9551 + 00	0.9681 + 00	0.1001 + 01	0.1768 - 02
0.1060 + 01	0.9798 + 00	0.9338 + 00	0.9531 + 00	0.1003 + 01	0.3838 - 02
0.1080 + 01	0.9730 + 00	0.9133 + 00	0.9387 + 00	0.1005 + 01	0.6585 - 02
0.1100 + 01	0.9662 + 00	0.8936 + 00	0.9249 + 00	0.1008 + 01	0.9935 - 02
0.1120 + 01	0.9593 + 00	0.8745 + 00	0.9116 + 00	0.1011 + 01	0.1382 - 01
0.1140 + 01	0.9524 + 00	0.8561 + 00	0.8988 + 00	0.1015 + 01	0.1819 - 01
0.1160 + 01	0.9455 + 00	0.8383 + 00	0.8865 + 00	0.1020 + 01	0.2298 - 01
0.1180 + 01	0.9386 + 00	0.8210 + 00	0.8747 + 00	0.1025 + 01	0.2814 - 01
0.1200 + 01	0.9317 + 00	0.8044 + 00	0.8633 + 00	0.1030 + 01	0.3364 - 01
0.1220 + 01	0.9247 + 00	0.7882 + 00	0.8524 + 00	0.1037 + 01	0.3943 - 01
0.1240 + 01	0.9178 + 00	0.7726 + 00	0.8418 + 00	0.1043 + 01	0.4547 - 01
0.1260 + 01	0.9108 + 00	0.7574 + 00	0.8316 + 00	0.1050 + 01	0.5174 - 01
0.1280 + 01	0.9038 + 00	0.7427 + 00	0.8218 + 00	0.1058 + 01	0.5820 - 01
0.1300 + 01	0.8969 + 00	0.7285 + 00	0.8123 + 00	0.1066 + 01	0.6483 - 01
0.1320 + 01	0.8899 + 00	0.7147 + 00	0.8031 + 00	0.1075 + 01	0.7161 - 01
0.1340 + 01	0.8829 + 00	0.7012 + 00	0.7942 + 00	0.1084 + 01	0.7850 - 01
0.1360 + 01	0.8760 + 00	0.6882 + 00	0.7856 + 00	0.1094 + 01	0.8550 - 01
0.1380 + 01	0.8690 + 00	0.6755 + 00	0.7773 + 00	0.1104 + 01	0.9259 - 01
0.1400 + 01	0.8621 + 00	0.6632 + 00	0.7693 + 00	0.1115 + 01	0.9974 - 01
0.1420 + 01	0.8551 + 00	0.6512 + 00	0.7615 + 00	0.1126 + 01	0.1069 + 00
0.1440 + 01	0.8482 + 00	0.6396 + 00	0.7540 + 00	0.1138 + 01	0.1142 + 00
0.1460 + 01	0.8413 + 00	0.6282 + 00	0.7467 + 00	0.1150 + 01	0.1215 + 00
0.1480 + 01	0.8344 + 00	0.6172 + 00	0.7397 + 00	0.1163 + 01	0.1288 + 00
0.1500 + 01	0.8276 + 00	0.6065 + 00	0.7328 + 00	0.1176 + 01	0.1361 + 00
0.1520 + 01	0.8207 + 00	0.5960 + 00	0.7262 + 00	0.1190 + 01	0.1433 + 00
0.1540 + 01	0.8139 + 00	0.5858 + 00	0.7198 + 00	0.1204 + 01	0.1506 + 00
0.1560 + 01	0.8071 + 00	0.5759 + 00	0.7135 + 00	0.1219 + 01	0.1579 + 00
0.1580 + 01	0.8004 + 00	0.5662 + 00	0.7074 + 00	0.1234 + 01	0.1651 + 00
0.1600 + 01	0.7937 + 00	0.5568 + 00	0.7016 + 00	0.1250 + 01	0.1724 + 00
0.1620 + 01	0.7869 + 00	0.5476 + 00	0.6958 + 00	0.1267 + 01	0.1795 + 00
0.1640 + 01	0.7803 + 00	0.5386 + 00	0.6903 + 00	0.1284 + 01	0.1867 + 00
0.1660 + 01	0.7736 + 00	0.5299 + 00	0.6849 + 00	0.1301 + 01	0.1938 + 00
0.1680 + 01	0.7670 + 00	0.5213 + 00	0.6796 + 00	0.1319 + 01	0.2008 + 00
0.1700 + 01	0.7605 + 00	0.5130 + 00	0.6745 + 00	0.1338 + 01	0.2078 + 00
0.1720 + 01	0.7539 + 00	0.5048 + 00	0.6696 + 00	0.1357 + 01	0.2147 + 00
0.1740 + 01	0.7474 + 00	0.4969 + 00	0.6648 + 00	0.1376 + 01	0.2216 + 00
0.1760 + 01	0.7410 + 00	0.4891 + 00	0.6601 + 00	0.1397 + 01	0.2284 + 00
0.1780 + 01	0.7345 + 00	0.4815 + 00	0.6555 + 00	0.1418 + 01	0.2352 + 00
0.1800 + 01	0.7282 + 00	0.4741 + 00	0.6511 + 00	0.1439 + 01	0.2419 + 00
0.1820 + 01	0.7218 + 00	0.4668 + 00	0.6467 + 00	0.1461 + 01	0.2485 + 00
0.1840 + 01	0.7155 + 00	0.4597 + 00	0.6425 + 00	0.1484 + 01	0.2551 + 00
0.1860 + 01	0.7093 + 00	0.4528 + 00	0.6384 + 00	0.1507 + 01	0.2616 + 00
0.1880 + 01	0.7030 + 00	0.4460 + 00	0.6344 + 00	0.1531 + 01	0.2680 + 00
0.1900 + 01	0.6969 + 00	0.4394 + 00	0.6305 + 00	0.1555 + 01	0.2743 + 00
0.1920 + 01	0.6907 + 00	0.4329 + 00	0.6267 + 00	0.1580 + 01	0.2806 + 00
0.1940 + 01	0.6847 + 00	0.4265 + 00	0.6230 + 00	0.1606 + 01	0.2868 + 00
0.1960 + 01	0.6786 + 00	0.4203 + 00	0.6193 + 00	0.1633 + 01	0.2929 + 00
0.1980 + 01	0.6726 + 00	0.4142 + 00	0.6158 + 00	0.1660 + 01	0.2990 + 00
0.2000 + 01	0.6667 + 00	0.4082 + 00	0.6124 + 00	0.1687 + 01	0.3050 + 00

Table A.4 | Continued

M	$\frac{T}{T^*}$	$\frac{p}{p^*}$	$\frac{\rho}{\rho^*}$	$\frac{P_0}{P_0^*}$	$\frac{4fL^*}{D}$
0.2050 + 01	0.6520 + 00	0.3939 + 00	0.6041 + 00	0.1760 + 01	0.3197 + 00
0.2100 + 01	0.6376 + 00	0.3802 + 00	0.5963 + 00	0.1837 + 01	0.3339 + 00
0.2150 + 01	0.6235 + 00	0.3673 + 00	0.5890 + 00	0.1919 + 01	0.3476 + 00
0.2200 + 01	0.6098 + 00	0.3549 + 00	0.5821 + 00	0.2005 + 01	0.3609 + 00
0.2250 + 01	0.5963 + 00	0.3432 + 00	0.5756 + 00	0.2096 + 01	0.3738 + 00
0.2300 + 01	0.5831 + 00	0.3320 + 00	0.5694 + 00	0.2193 + 01	0.3862 + 00
0.2350 + 01	0.5702 + 00	0.3213 + 00	0.5635 + 00	0.2295 + 01	0.3983 + 00
0.2400 + 01	0.5576 + 00	0.3111 + 00	0.5580 + 00	0.2403 + 01	0.4099 + 00
0.2450 + 01	0.5453 + 00	0.3014 + 00	0.5527 + 00	0.2517 + 01	0.4211 + 00
0.2500 + 01	0.5333 + 00	0.2921 + 00	0.5477 + 00	0.2637 + 01	0.4320 + 00
0.2550 + 01	0.5216 + 00	0.2832 + 00	0.5430 + 00	0.2763 + 01	0.4425 + 00
0.2600 + 01	0.5102 + 00	0.2747 + 00	0.5385 + 00	0.2896 + 01	0.4526 + 00
0.2650 + 01	0.4991 + 00	0.2666 + 00	0.5342 + 00	0.3036 + 01	0.4624 + 00
0.2700 + 01	0.4882 + 00	0.2588 + 00	0.5301 + 00	0.3183 + 01	0.4718 + 00
0.2750 + 01	0.4776 + 00	0.2513 + 00	0.5262 + 00	0.3338 + 01	0.4809 + 00
0.2800 + 01	0.4673 + 00	0.2441 + 00	0.5225 + 00	0.3500 + 01	0.4898 + 00
0.2850 + 01	0.4572 + 00	0.2373 + 00	0.5189 + 00	0.3671 + 01	0.4983 + 00
0.2900 + 01	0.4474 + 00	0.2307 + 00	0.5155 + 00	0.3850 + 01	0.5065 + 00
0.2950 + 01	0.4379 + 00	0.2243 + 00	0.5123 + 00	0.4038 + 01	0.5145 + 00
0.3000 + 01	0.4286 + 00	0.2182 + 00	0.5092 + 00	0.4235 + 01	0.5222 + 00
0.3050 + 01	0.4195 + 00	0.2124 + 00	0.5062 + 00	0.4441 + 01	0.5296 + 00
0.3100 + 01	0.4107 + 00	0.2067 + 00	0.5034 + 00	0.4657 + 01	0.5368 + 00
0.3150 + 01	0.4021 + 00	0.2013 + 00	0.5007 + 00	0.4884 + 01	0.5437 + 00
0.3200 + 01	0.3937 + 00	0.1961 + 00	0.4980 + 00	0.5121 + 01	0.5504 + 00
0.3250 + 01	0.3855 + 00	0.1911 + 00	0.4955 + 00	0.5369 + 01	0.5569 + 00
0.3300 + 01	0.3776 + 00	0.1862 + 00	0.4931 + 00	0.5629 + 01	0.5632 + 00
0.3350 + 01	0.3699 + 00	0.1815 + 00	0.4908 + 00	0.5900 + 01	0.5693 + 00
0.3400 + 01	0.3623 + 00	0.1770 + 00	0.4886 + 00	0.6184 + 01	0.5752 + 00
0.3450 + 01	0.3550 + 00	0.1727 + 00	0.4865 + 00	0.6480 + 01	0.5809 + 00
0.3500 + 01	0.3478 + 00	0.1685 + 00	0.4845 + 00	0.6790 + 01	0.5864 + 00
0.3550 + 01	0.3409 + 00	0.1645 + 00	0.4825 + 00	0.7113 + 01	0.5918 + 00
0.3600 + 01	0.3341 + 00	0.1606 + 00	0.4806 + 00	0.7450 + 01	0.5970 + 00
0.3650 + 01	0.3275 + 00	0.1568 + 00	0.4788 + 00	0.7802 + 01	0.6020 + 00
0.3700 + 01	0.3210 + 00	0.1531 + 00	0.4770 + 00	0.8169 + 01	0.6068 + 00
0.3750 + 01	0.3148 + 00	0.1496 + 00	0.4753 + 00	0.8552 + 01	0.6115 + 00
0.3800 + 01	0.3086 + 00	0.1462 + 00	0.4737 + 00	0.8951 + 01	0.6161 + 00
0.3850 + 01	0.3027 + 00	0.1429 + 00	0.4721 + 00	0.9366 + 01	0.6206 + 00
0.3900 + 01	0.2969 + 00	0.1397 + 00	0.4706 + 00	0.9799 + 01	0.6248 + 00
0.3950 + 01	0.2912 + 00	0.1366 + 00	0.4691 + 00	0.1025 + 02	0.6290 + 00
0.4000 + 01	0.2857 + 00	0.1336 + 00	0.4677 + 00	0.1072 + 02	0.6331 + 00
0.4050 + 01	0.2803 + 00	0.1307 + 00	0.4663 + 00	0.1121 + 02	0.6370 + 00
0.4100 + 01	0.2751 + 00	0.1279 + 00	0.4650 + 00	0.1171 + 02	0.6408 + 00
0.4150 + 01	0.2700 + 00	0.1252 + 00	0.4637 + 00	0.1224 + 02	0.6445 + 00
0.4200 + 01	0.2650 + 00	0.1226 + 00	0.4625 + 00	0.1279 + 02	0.6481 + 00
0.4250 + 01	0.2602 + 00	0.1200 + 00	0.4613 + 00	0.1336 + 02	0.6516 + 00
0.4300 + 01	0.2554 + 00	0.1175 + 00	0.4601 + 00	0.1395 + 02	0.6550 + 00
0.4350 + 01	0.2508 + 00	0.1151 + 00	0.4590 + 00	0.1457 + 02	0.6583 + 00
0.4400 + 01	0.2463 + 00	0.1128 + 00	0.4579 + 00	0.1521 + 02	0.6615 + 00
0.4450 + 01	0.2419 + 00	0.1105 + 00	0.4569 + 00	0.1587 + 02	0.6646 + 00
0.4500 + 01	0.2376 + 00	0.1083 + 00	0.4559 + 00	0.1656 + 02	0.6676 + 00

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Table A.4 | Continued

M	$\frac{T}{T^*}$	$\frac{P}{P^*}$	$\frac{\rho}{\rho^*}$	$\frac{P_0}{P_0^*}$	$\frac{4fL^*}{D}$
0.4550 + 01	0.2334 + 00	0.1062 + 00	0.4549 + 00	0.1728 + 02	0.6706 + 00
0.4600 + 01	0.2294 + 00	0.1041 + 00	0.4539 + 00	0.1802 + 02	0.6734 + 00
0.4650 + 01	0.2254 + 00	0.1021 + 00	0.4530 + 00	0.1879 + 02	0.6762 + 00
0.4700 + 01	0.2215 + 00	0.1001 + 00	0.4521 + 00	0.1958 + 02	0.6790 + 00
0.4750 + 01	0.2177 + 00	0.9823 - 01	0.4512 + 00	0.2041 + 02	0.6816 + 00
0.4800 + 01	0.2140 + 00	0.9637 - 01	0.4504 + 00	0.2126 + 02	0.6842 + 00
0.4850 + 01	0.2104 + 00	0.9457 - 01	0.4495 + 00	0.2215 + 02	0.6867 + 00
0.4900 + 01	0.2068 + 00	0.9281 - 01	0.4487 + 00	0.2307 + 02	0.6891 + 00
0.4950 + 01	0.2034 + 00	0.9110 - 01	0.4480 + 00	0.2402 + 02	0.6915 + 00
0.5000 + 01	0.2000 + 00	0.8944 - 01	0.4472 + 00	0.2500 + 02	0.6938 + 00
0.5100 + 01	0.1935 + 00	0.8625 - 01	0.4458 + 00	0.2707 + 02	0.6983 + 00
0.5200 + 01	0.1873 + 00	0.8322 - 01	0.4444 + 00	0.2928 + 02	0.7025 + 00
0.5300 + 01	0.1813 + 00	0.8034 - 01	0.4431 + 00	0.3165 + 02	0.7065 + 00
0.5400 + 01	0.1756 + 00	0.7761 - 01	0.4419 + 00	0.3417 + 02	0.7104 + 00
0.5500 + 01	0.1702 + 00	0.7501 - 01	0.4407 + 00	0.3687 + 02	0.7140 + 00
0.5600 + 01	0.1650 + 00	0.7254 - 01	0.4396 + 00	0.3974 + 02	0.7175 + 00
0.5700 + 01	0.1600 + 00	0.7018 - 01	0.4385 + 00	0.4280 + 02	0.7208 + 00
0.5800 + 01	0.1553 + 00	0.6794 - 01	0.4375 + 00	0.4605 + 02	0.7240 + 00
0.5900 + 01	0.1507 + 00	0.6580 - 01	0.4366 + 00	0.4951 + 02	0.7270 + 00
0.6000 + 01	0.1463 + 00	0.6376 - 01	0.4357 + 00	0.5318 + 02	0.7299 + 00
0.6100 + 01	0.1421 + 00	0.6181 - 01	0.4348 + 00	0.5708 + 02	0.7326 + 00
0.6200 + 01	0.1381 + 00	0.5994 - 01	0.4340 + 00	0.6121 + 02	0.7353 + 00
0.6300 + 01	0.1343 + 00	0.5816 - 01	0.4332 + 00	0.6559 + 02	0.7378 + 00
0.6400 + 01	0.1305 + 00	0.5646 - 01	0.4324 + 00	0.7023 + 02	0.7402 + 00
0.6500 + 01	0.1270 + 00	0.5482 - 01	0.4317 + 00	0.7513 + 02	0.7425 + 00
0.6600 + 01	0.1236 + 00	0.5326 - 01	0.4310 + 00	0.8032 + 02	0.7448 + 00
0.6700 + 01	0.1203 + 00	0.5176 - 01	0.4304 + 00	0.8580 + 02	0.7469 + 00
0.6800 + 01	0.1171 + 00	0.5032 - 01	0.4298 + 00	0.9159 + 02	0.7489 + 00
0.6900 + 01	0.1140 + 00	0.4894 - 01	0.4292 + 00	0.9770 + 02	0.7509 + 00
0.7000 + 01	0.1111 + 00	0.4762 - 01	0.4286 + 00	0.1041 + 03	0.7528 + 00
0.7100 + 01	0.1083 + 00	0.4635 - 01	0.4280 + 00	0.1109 + 03	0.7546 + 00
0.7200 + 01	0.1056 + 00	0.4512 - 01	0.4275 + 00	0.1181 + 03	0.7564 + 00
0.7300 + 01	0.1029 + 00	0.4395 - 01	0.4270 + 00	0.1256 + 03	0.7580 + 00
0.7400 + 01	0.1004 + 00	0.4282 - 01	0.4265 + 00	0.1335 + 03	0.7597 + 00
0.7500 + 01	0.9796 - 01	0.4173 - 01	0.4260 + 00	0.1418 + 03	0.7612 + 00
0.7600 + 01	0.9560 - 01	0.4068 - 01	0.4256 + 00	0.1506 + 03	0.7627 + 00
0.7700 + 01	0.9333 - 01	0.3967 - 01	0.4251 + 00	0.1598 + 03	0.7642 + 00
0.7800 + 01	0.9113 - 01	0.3870 - 01	0.4247 + 00	0.1694 + 03	0.7656 + 00
0.7900 + 01	0.8901 - 01	0.3776 - 01	0.4243 + 00	0.1795 + 03	0.7669 + 00
0.8000 + 01	0.8696 - 01	0.3686 - 01	0.4239 + 00	0.1901 + 03	0.7682 + 00
0.9000 + 01	0.6977 - 01	0.2935 - 01	0.4207 + 00	0.3272 + 03	0.7790 + 00
0.1000 + 02	0.5714 - 01	0.2390 - 01	0.4183 + 00	0.5359 + 03	0.7868 + 00
0.1100 + 02	0.4762 - 01	0.1984 - 01	0.4166 + 00	0.8419 + 03	0.7927 + 00
0.1200 + 02	0.4027 - 01	0.1672 - 01	0.4153 + 00	0.1276 + 04	0.7972 + 00
0.1300 + 02	0.3448 - 01	0.1428 - 01	0.4142 + 00	0.1876 + 04	0.8007 + 00
0.1400 + 02	0.2985 - 01	0.1234 - 01	0.4134 + 00	0.2685 + 04	0.8036 + 00
0.1500 + 02	0.2609 - 01	0.1077 - 01	0.4128 + 00	0.3755 + 04	0.8058 + 00
0.1600 + 02	0.2299 - 01	0.9476 - 02	0.4122 + 00	0.5145 + 04	0.8077 + 00
0.1700 + 02	0.2041 - 01	0.8403 - 02	0.4118 + 00	0.6921 + 04	0.8093 + 00
0.1800 + 02	0.1824 - 01	0.7502 - 02	0.4114 + 00	0.9159 + 04	0.8106 + 00

Table A.4 | Continued

M	$\frac{T}{T^*}$	$\frac{p}{p^*}$	$\frac{\rho}{\rho^*}$	$\frac{p_o}{p_o^*}$	$\frac{4fL^*}{D}$
0.1900 + 02	0.1639 - 01	0.6739 - 02	0.4111 + 00	0.1195 + 05	0.8117 + 00
0.2000 + 02	0.1481 - 01	0.6086 - 02	0.4108 + 00	0.1538 + 05	0.8126 + 00
0.2200 + 02	0.1227 - 01	0.5035 - 02	0.4104 + 00	0.2461 + 05	0.8142 + 00
0.2400 + 02	0.1033 - 01	0.4234 - 02	0.4100 + 00	0.3783 + 05	0.8153 + 00
0.2600 + 02	0.8811 - 02	0.3610 - 02	0.4098 + 00	0.5624 + 05	0.8162 + 00
0.2800 + 02	0.7605 - 02	0.3114 - 02	0.4095 + 00	0.8121 + 05	0.8170 + 00
0.3000 + 02	0.6630 - 02	0.2714 - 02	0.4094 + 00	0.1144 + 06	0.8176 + 00
0.3200 + 02	0.5831 - 02	0.2386 - 02	0.4092 + 00	0.1576 + 06	0.8180 + 00
0.3400 + 02	0.5168 - 02	0.2114 - 02	0.4091 + 00	0.2131 + 06	0.8184 + 00
0.3600 + 02	0.4612 - 02	0.1886 - 02	0.4090 + 00	0.2832 + 06	0.8188 + 00
0.3800 + 02	0.4141 - 02	0.1693 - 02	0.4090 + 00	0.3707 + 06	0.8190 + 00
0.4000 + 02	0.3738 - 02	0.1529 - 02	0.4089 + 00	0.4785 + 06	0.8193 + 00
0.4200 + 02	0.3392 - 02	0.1387 - 02	0.4088 + 00	0.6102 + 06	0.8195 + 00
0.4400 + 02	0.3091 - 02	0.1264 - 02	0.4088 + 00	0.7694 + 06	0.8197 + 00
0.4600 + 02	0.2829 - 02	0.1156 - 02	0.4087 + 00	0.9603 + 06	0.8198 + 00
0.4800 + 02	0.2599 - 02	0.1062 - 02	0.4087 + 00	0.1187 + 07	0.8200 + 00
0.5000 + 02	0.2395 - 02	0.9788 - 03	0.4087 + 00	0.1455 + 07	0.8201 + 00