

| C1300 Huang-Lin Model |          |          |          |          |          |          |          |          |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| nx                    | xc       | ue       | cf       | tht2     | dls2     | rtht     | rdls     | h2       |
| 1                     | 7.82E-01 | 1.15E+00 | 4.61E-03 | 1.35E-03 | 1.89E-03 | 1.01E+03 | 1.42E+03 | 1.40E+00 |
| 2                     | 8.42E-01 | 1.18E+00 | 4.43E-03 | 1.39E-03 | 1.95E-03 | 1.06E+03 | 1.48E+03 | 1.40E+00 |
| 3                     | 9.02E-01 | 1.20E+00 | 4.34E-03 | 1.43E-03 | 2.00E-03 | 1.11E+03 | 1.55E+03 | 1.40E+00 |
| 4                     | 9.62E-01 | 1.22E+00 | 4.29E-03 | 1.46E-03 | 2.05E-03 | 1.16E+03 | 1.62E+03 | 1.40E+00 |
| 5                     | 1.02E+00 | 1.24E+00 | 4.25E-03 | 1.50E-03 | 2.09E-03 | 1.21E+03 | 1.69E+03 | 1.40E+00 |
| 6                     | 1.08E+00 | 1.27E+00 | 4.21E-03 | 1.53E-03 | 2.13E-03 | 1.25E+03 | 1.75E+03 | 1.40E+00 |
| 7                     | 1.13E+00 | 1.29E+00 | 4.18E-03 | 1.56E-03 | 2.17E-03 | 1.30E+03 | 1.81E+03 | 1.40E+00 |
| 8                     | 1.19E+00 | 1.31E+00 | 4.14E-03 | 1.58E-03 | 2.21E-03 | 1.34E+03 | 1.87E+03 | 1.39E+00 |
| 9                     | 1.24E+00 | 1.33E+00 | 4.13E-03 | 1.61E-03 | 2.24E-03 | 1.39E+03 | 1.93E+03 | 1.39E+00 |
| 10                    | 1.30E+00 | 1.35E+00 | 4.10E-03 | 1.63E-03 | 2.27E-03 | 1.43E+03 | 1.99E+03 | 1.39E+00 |
| 11                    | 1.35E+00 | 1.37E+00 | 4.07E-03 | 1.65E-03 | 2.29E-03 | 1.47E+03 | 2.04E+03 | 1.39E+00 |
| 12                    | 1.41E+00 | 1.40E+00 | 4.05E-03 | 1.67E-03 | 2.32E-03 | 1.52E+03 | 2.10E+03 | 1.38E+00 |
| 13                    | 1.46E+00 | 1.42E+00 | 4.03E-03 | 1.70E-03 | 2.34E-03 | 1.56E+03 | 2.16E+03 | 1.38E+00 |
| 14                    | 1.52E+00 | 1.44E+00 | 4.00E-03 | 1.71E-03 | 2.36E-03 | 1.60E+03 | 2.21E+03 | 1.38E+00 |
| 15                    | 1.57E+00 | 1.46E+00 | 3.99E-03 | 1.73E-03 | 2.39E-03 | 1.65E+03 | 2.27E+03 | 1.38E+00 |
| 16                    | 1.63E+00 | 1.49E+00 | 3.96E-03 | 1.75E-03 | 2.41E-03 | 1.69E+03 | 2.33E+03 | 1.37E+00 |
| 17                    | 1.68E+00 | 1.51E+00 | 3.94E-03 | 1.77E-03 | 2.43E-03 | 1.74E+03 | 2.38E+03 | 1.37E+00 |
| 18                    | 1.74E+00 | 1.53E+00 | 3.93E-03 | 1.79E-03 | 2.45E-03 | 1.78E+03 | 2.44E+03 | 1.37E+00 |
| 19                    | 1.79E+00 | 1.56E+00 | 3.91E-03 | 1.81E-03 | 2.47E-03 | 1.83E+03 | 2.50E+03 | 1.37E+00 |
| 20                    | 1.85E+00 | 1.58E+00 | 3.88E-03 | 1.83E-03 | 2.49E-03 | 1.87E+03 | 2.56E+03 | 1.36E+00 |
| 21                    | 1.90E+00 | 1.61E+00 | 3.87E-03 | 1.84E-03 | 2.51E-03 | 1.92E+03 | 2.62E+03 | 1.36E+00 |
| 22                    | 1.96E+00 | 1.63E+00 | 3.85E-03 | 1.86E-03 | 2.53E-03 | 1.97E+03 | 2.67E+03 | 1.36E+00 |
| 23                    | 2.01E+00 | 1.66E+00 | 3.83E-03 | 1.87E-03 | 2.54E-03 | 2.01E+03 | 2.73E+03 | 1.36E+00 |
| 24                    | 2.07E+00 | 1.68E+00 | 3.82E-03 | 1.89E-03 | 2.56E-03 | 2.06E+03 | 2.79E+03 | 1.36E+00 |
| 25                    | 2.12E+00 | 1.71E+00 | 3.80E-03 | 1.90E-03 | 2.57E-03 | 2.10E+03 | 2.84E+03 | 1.35E+00 |
| 26                    | 2.18E+00 | 1.73E+00 | 3.79E-03 | 1.91E-03 | 2.58E-03 | 2.14E+03 | 2.90E+03 | 1.35E+00 |
| 27                    | 2.23E+00 | 1.76E+00 | 3.77E-03 | 1.92E-03 | 2.59E-03 | 2.19E+03 | 2.96E+03 | 1.35E+00 |
| 28                    | 2.29E+00 | 1.78E+00 | 3.76E-03 | 1.93E-03 | 2.60E-03 | 2.23E+03 | 3.01E+03 | 1.35E+00 |
| 29                    | 2.34E+00 | 1.81E+00 | 3.74E-03 | 1.94E-03 | 2.62E-03 | 2.28E+03 | 3.07E+03 | 1.35E+00 |
| 30                    | 2.40E+00 | 1.83E+00 | 3.73E-03 | 1.95E-03 | 2.63E-03 | 2.32E+03 | 3.13E+03 | 1.35E+00 |
| 31                    | 2.45E+00 | 1.86E+00 | 3.70E-03 | 1.97E-03 | 2.64E-03 | 2.37E+03 | 3.19E+03 | 1.35E+00 |
| 32                    | 2.51E+00 | 1.89E+00 | 3.69E-03 | 1.98E-03 | 2.66E-03 | 2.42E+03 | 3.25E+03 | 1.34E+00 |
| 33                    | 2.56E+00 | 1.91E+00 | 3.68E-03 | 1.99E-03 | 2.67E-03 | 2.47E+03 | 3.31E+03 | 1.34E+00 |
| 34                    | 2.62E+00 | 1.94E+00 | 3.66E-03 | 2.00E-03 | 2.68E-03 | 2.52E+03 | 3.37E+03 | 1.34E+00 |
| 35                    | 2.67E+00 | 1.97E+00 | 3.65E-03 | 2.01E-03 | 2.69E-03 | 2.57E+03 | 3.44E+03 | 1.34E+00 |
| 36                    | 2.73E+00 | 1.99E+00 | 3.63E-03 | 2.02E-03 | 2.71E-03 | 2.61E+03 | 3.50E+03 | 1.34E+00 |
| 37                    | 2.78E+00 | 2.02E+00 | 3.62E-03 | 2.03E-03 | 2.72E-03 | 2.67E+03 | 3.56E+03 | 1.34E+00 |
| 38                    | 2.84E+00 | 2.05E+00 | 3.60E-03 | 2.05E-03 | 2.74E-03 | 2.72E+03 | 3.63E+03 | 1.34E+00 |
| 39                    | 2.89E+00 | 2.07E+00 | 3.59E-03 | 2.06E-03 | 2.75E-03 | 2.77E+03 | 3.70E+03 | 1.33E+00 |
| 40                    | 2.95E+00 | 2.10E+00 | 3.58E-03 | 2.07E-03 | 2.76E-03 | 2.83E+03 | 3.77E+03 | 1.33E+00 |
| 41                    | 3.00E+00 | 2.13E+00 | 3.56E-03 | 2.09E-03 | 2.78E-03 | 2.89E+03 | 3.84E+03 | 1.33E+00 |
| 42                    | 3.06E+00 | 2.16E+00 | 3.55E-03 | 2.10E-03 | 2.80E-03 | 2.94E+03 | 3.91E+03 | 1.33E+00 |
| 43                    | 3.11E+00 | 2.18E+00 | 3.54E-03 | 2.11E-03 | 2.81E-03 | 3.00E+03 | 3.98E+03 | 1.33E+00 |
| 44                    | 3.17E+00 | 2.21E+00 | 3.53E-03 | 2.12E-03 | 2.82E-03 | 3.05E+03 | 4.05E+03 | 1.33E+00 |
| 45                    | 3.22E+00 | 2.24E+00 | 3.51E-03 | 2.14E-03 | 2.83E-03 | 3.10E+03 | 4.12E+03 | 1.33E+00 |
| 46                    | 3.28E+00 | 2.27E+00 | 3.50E-03 | 2.15E-03 | 2.85E-03 | 3.15E+03 | 4.19E+03 | 1.33E+00 |
| 47                    | 3.33E+00 | 2.29E+00 | 3.48E-03 | 2.15E-03 | 2.86E-03 | 3.21E+03 | 4.25E+03 | 1.33E+00 |
| 48                    | 3.39E+00 | 2.32E+00 | 3.47E-03 | 2.16E-03 | 2.87E-03 | 3.26E+03 | 4.32E+03 | 1.33E+00 |
| 49                    | 3.44E+00 | 2.35E+00 | 3.45E-03 | 2.18E-03 | 2.88E-03 | 3.32E+03 | 4.40E+03 | 1.33E+00 |
| 50                    | 3.50E+00 | 2.38E+00 | 3.45E-03 | 2.19E-03 | 2.90E-03 | 3.37E+03 | 4.47E+03 | 1.33E+00 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| 51 | 3.55E+00 | 2.40E+00 | 3.43E-03 | 2.20E-03 | 2.91E-03 | 3.43E+03 | 4.54E+03 | 1.32E+00 |
| 52 | 3.60E+00 | 2.43E+00 | 3.42E-03 | 2.21E-03 | 2.93E-03 | 3.49E+03 | 4.62E+03 | 1.32E+00 |
| 53 | 3.63E+00 | 2.44E+00 | 3.41E-03 | 2.22E-03 | 2.94E-03 | 3.52E+03 | 4.66E+03 | 1.32E+00 |
| 54 | 3.66E+00 | 2.46E+00 | 3.41E-03 | 2.23E-03 | 2.95E-03 | 3.55E+03 | 4.70E+03 | 1.32E+00 |
| 55 | 3.69E+00 | 2.47E+00 | 3.40E-03 | 2.24E-03 | 2.96E-03 | 3.58E+03 | 4.74E+03 | 1.32E+00 |
| 56 | 3.71E+00 | 2.48E+00 | 3.39E-03 | 2.24E-03 | 2.97E-03 | 3.62E+03 | 4.78E+03 | 1.32E+00 |
| 57 | 3.74E+00 | 2.50E+00 | 3.39E-03 | 2.25E-03 | 2.98E-03 | 3.65E+03 | 4.82E+03 | 1.32E+00 |
| 58 | 3.77E+00 | 2.51E+00 | 3.38E-03 | 2.26E-03 | 2.99E-03 | 3.68E+03 | 4.87E+03 | 1.32E+00 |
| 59 | 3.80E+00 | 2.52E+00 | 3.37E-03 | 2.27E-03 | 3.00E-03 | 3.72E+03 | 4.91E+03 | 1.32E+00 |
| 60 | 3.82E+00 | 2.54E+00 | 3.36E-03 | 2.28E-03 | 3.01E-03 | 3.75E+03 | 4.95E+03 | 1.32E+00 |
| 61 | 3.85E+00 | 2.55E+00 | 3.36E-03 | 2.29E-03 | 3.02E-03 | 3.79E+03 | 5.00E+03 | 1.32E+00 |
| 62 | 3.88E+00 | 2.56E+00 | 3.35E-03 | 2.30E-03 | 3.03E-03 | 3.82E+03 | 5.04E+03 | 1.32E+00 |
| 63 | 3.91E+00 | 2.57E+00 | 3.34E-03 | 2.31E-03 | 3.05E-03 | 3.86E+03 | 5.09E+03 | 1.32E+00 |
| 64 | 3.93E+00 | 2.59E+00 | 3.34E-03 | 2.32E-03 | 3.06E-03 | 3.89E+03 | 5.14E+03 | 1.32E+00 |
| 65 | 3.96E+00 | 2.60E+00 | 3.33E-03 | 2.33E-03 | 3.07E-03 | 3.93E+03 | 5.18E+03 | 1.32E+00 |
| 66 | 3.99E+00 | 2.61E+00 | 3.32E-03 | 2.34E-03 | 3.09E-03 | 3.97E+03 | 5.23E+03 | 1.32E+00 |
| 67 | 4.02E+00 | 2.62E+00 | 3.31E-03 | 2.35E-03 | 3.10E-03 | 4.01E+03 | 5.28E+03 | 1.32E+00 |
| 68 | 4.04E+00 | 2.64E+00 | 3.31E-03 | 2.37E-03 | 3.12E-03 | 4.05E+03 | 5.34E+03 | 1.32E+00 |
| 69 | 4.07E+00 | 2.65E+00 | 3.30E-03 | 2.38E-03 | 3.14E-03 | 4.09E+03 | 5.39E+03 | 1.32E+00 |
| 70 | 4.10E+00 | 2.66E+00 | 3.29E-03 | 2.39E-03 | 3.15E-03 | 4.13E+03 | 5.45E+03 | 1.32E+00 |
| 71 | 4.13E+00 | 2.67E+00 | 3.29E-03 | 2.41E-03 | 3.17E-03 | 4.18E+03 | 5.50E+03 | 1.32E+00 |
| 72 | 4.15E+00 | 2.68E+00 | 3.28E-03 | 2.43E-03 | 3.19E-03 | 4.22E+03 | 5.56E+03 | 1.32E+00 |
| 73 | 4.18E+00 | 2.69E+00 | 3.27E-03 | 2.44E-03 | 3.21E-03 | 4.27E+03 | 5.62E+03 | 1.32E+00 |
| 74 | 4.21E+00 | 2.70E+00 | 3.26E-03 | 2.46E-03 | 3.24E-03 | 4.32E+03 | 5.68E+03 | 1.32E+00 |
| 75 | 4.24E+00 | 2.71E+00 | 3.25E-03 | 2.48E-03 | 3.26E-03 | 4.37E+03 | 5.74E+03 | 1.32E+00 |
| 76 | 4.26E+00 | 2.72E+00 | 3.24E-03 | 2.50E-03 | 3.28E-03 | 4.42E+03 | 5.81E+03 | 1.31E+00 |
| 77 | 4.29E+00 | 2.73E+00 | 3.23E-03 | 2.52E-03 | 3.31E-03 | 4.47E+03 | 5.87E+03 | 1.31E+00 |
| 78 | 4.31E+00 | 2.74E+00 | 3.24E-03 | 2.53E-03 | 3.32E-03 | 4.49E+03 | 5.90E+03 | 1.31E+00 |
| 79 | 4.31E+00 | 2.74E+00 | 3.23E-03 | 2.53E-03 | 3.33E-03 | 4.51E+03 | 5.93E+03 | 1.31E+00 |
| 80 | 4.32E+00 | 2.75E+00 | 3.23E-03 | 2.54E-03 | 3.33E-03 | 4.53E+03 | 5.94E+03 | 1.31E+00 |
| 81 | 4.33E+00 | 2.75E+00 | 3.23E-03 | 2.54E-03 | 3.34E-03 | 4.54E+03 | 5.96E+03 | 1.31E+00 |

| C1300 Chien Model |          |          |          |          |          |          |          |          |
|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| nx                | xc       | ue       | cf       | tht2     | dls2     | rtht     | rdls     | h2       |
| 1                 | 7.82E-01 | 1.15E+00 | 4.61E-03 | 1.35E-03 | 1.89E-03 | 1.01E+03 | 1.42E+03 | 1.40E+00 |
| 2                 | 8.42E-01 | 1.18E+00 | 4.20E-03 | 1.38E-03 | 1.96E-03 | 1.05E+03 | 1.49E+03 | 1.42E+00 |
| 3                 | 9.02E-01 | 1.20E+00 | 3.98E-03 | 1.41E-03 | 2.00E-03 | 1.10E+03 | 1.56E+03 | 1.42E+00 |
| 4                 | 9.62E-01 | 1.22E+00 | 3.91E-03 | 1.43E-03 | 2.03E-03 | 1.14E+03 | 1.61E+03 | 1.42E+00 |
| 5                 | 1.02E+00 | 1.24E+00 | 3.89E-03 | 1.46E-03 | 2.07E-03 | 1.18E+03 | 1.67E+03 | 1.42E+00 |
| 6                 | 1.08E+00 | 1.27E+00 | 3.88E-03 | 1.48E-03 | 2.09E-03 | 1.22E+03 | 1.72E+03 | 1.41E+00 |
| 7                 | 1.13E+00 | 1.29E+00 | 3.87E-03 | 1.51E-03 | 2.12E-03 | 1.26E+03 | 1.77E+03 | 1.41E+00 |
| 8                 | 1.19E+00 | 1.31E+00 | 3.86E-03 | 1.53E-03 | 2.15E-03 | 1.30E+03 | 1.82E+03 | 1.40E+00 |
| 9                 | 1.24E+00 | 1.33E+00 | 3.87E-03 | 1.55E-03 | 2.16E-03 | 1.34E+03 | 1.87E+03 | 1.39E+00 |
| 10                | 1.30E+00 | 1.35E+00 | 3.85E-03 | 1.57E-03 | 2.18E-03 | 1.38E+03 | 1.92E+03 | 1.39E+00 |
| 11                | 1.35E+00 | 1.37E+00 | 3.84E-03 | 1.59E-03 | 2.20E-03 | 1.42E+03 | 1.96E+03 | 1.38E+00 |
| 12                | 1.41E+00 | 1.40E+00 | 3.82E-03 | 1.61E-03 | 2.22E-03 | 1.46E+03 | 2.02E+03 | 1.38E+00 |
| 13                | 1.46E+00 | 1.42E+00 | 3.81E-03 | 1.63E-03 | 2.24E-03 | 1.50E+03 | 2.07E+03 | 1.38E+00 |
| 14                | 1.52E+00 | 1.44E+00 | 3.79E-03 | 1.65E-03 | 2.26E-03 | 1.54E+03 | 2.12E+03 | 1.37E+00 |
| 15                | 1.57E+00 | 1.46E+00 | 3.78E-03 | 1.67E-03 | 2.28E-03 | 1.58E+03 | 2.17E+03 | 1.37E+00 |
| 16                | 1.63E+00 | 1.49E+00 | 3.76E-03 | 1.68E-03 | 2.30E-03 | 1.63E+03 | 2.22E+03 | 1.36E+00 |
| 17                | 1.68E+00 | 1.51E+00 | 3.74E-03 | 1.70E-03 | 2.31E-03 | 1.67E+03 | 2.27E+03 | 1.36E+00 |
| 18                | 1.74E+00 | 1.53E+00 | 3.73E-03 | 1.71E-03 | 2.33E-03 | 1.71E+03 | 2.32E+03 | 1.36E+00 |
| 19                | 1.79E+00 | 1.56E+00 | 3.72E-03 | 1.73E-03 | 2.34E-03 | 1.75E+03 | 2.37E+03 | 1.36E+00 |
| 20                | 1.85E+00 | 1.58E+00 | 3.70E-03 | 1.74E-03 | 2.35E-03 | 1.79E+03 | 2.42E+03 | 1.35E+00 |
| 21                | 1.90E+00 | 1.61E+00 | 3.69E-03 | 1.75E-03 | 2.37E-03 | 1.83E+03 | 2.47E+03 | 1.35E+00 |
| 22                | 1.96E+00 | 1.63E+00 | 3.67E-03 | 1.76E-03 | 2.38E-03 | 1.87E+03 | 2.52E+03 | 1.35E+00 |
| 23                | 2.01E+00 | 1.66E+00 | 3.65E-03 | 1.78E-03 | 2.39E-03 | 1.91E+03 | 2.57E+03 | 1.35E+00 |
| 24                | 2.07E+00 | 1.68E+00 | 3.64E-03 | 1.79E-03 | 2.41E-03 | 1.95E+03 | 2.62E+03 | 1.34E+00 |
| 25                | 2.12E+00 | 1.71E+00 | 3.63E-03 | 1.80E-03 | 2.42E-03 | 2.00E+03 | 2.68E+03 | 1.34E+00 |
| 26                | 2.18E+00 | 1.73E+00 | 3.62E-03 | 1.81E-03 | 2.43E-03 | 2.04E+03 | 2.73E+03 | 1.34E+00 |
| 27                | 2.23E+00 | 1.76E+00 | 3.60E-03 | 1.83E-03 | 2.44E-03 | 2.08E+03 | 2.79E+03 | 1.34E+00 |
| 28                | 2.29E+00 | 1.78E+00 | 3.59E-03 | 1.84E-03 | 2.46E-03 | 2.13E+03 | 2.84E+03 | 1.34E+00 |
| 29                | 2.34E+00 | 1.81E+00 | 3.58E-03 | 1.85E-03 | 2.47E-03 | 2.17E+03 | 2.90E+03 | 1.33E+00 |
| 30                | 2.40E+00 | 1.83E+00 | 3.56E-03 | 1.86E-03 | 2.48E-03 | 2.22E+03 | 2.95E+03 | 1.33E+00 |
| 31                | 2.45E+00 | 1.86E+00 | 3.54E-03 | 1.88E-03 | 2.49E-03 | 2.27E+03 | 3.01E+03 | 1.33E+00 |
| 32                | 2.51E+00 | 1.89E+00 | 3.54E-03 | 1.89E-03 | 2.50E-03 | 2.31E+03 | 3.07E+03 | 1.33E+00 |
| 33                | 2.56E+00 | 1.91E+00 | 3.52E-03 | 1.90E-03 | 2.51E-03 | 2.36E+03 | 3.12E+03 | 1.33E+00 |
| 34                | 2.62E+00 | 1.94E+00 | 3.51E-03 | 1.91E-03 | 2.53E-03 | 2.40E+03 | 3.18E+03 | 1.32E+00 |
| 35                | 2.67E+00 | 1.97E+00 | 3.50E-03 | 1.92E-03 | 2.54E-03 | 2.45E+03 | 3.24E+03 | 1.32E+00 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| 36 | 2.73E+00 | 1.99E+00 | 3.49E-03 | 1.93E-03 | 2.55E-03 | 2.49E+03 | 3.29E+03 | 1.32E+00 |
| 37 | 2.78E+00 | 2.02E+00 | 3.47E-03 | 1.94E-03 | 2.56E-03 | 2.54E+03 | 3.35E+03 | 1.32E+00 |
| 38 | 2.84E+00 | 2.05E+00 | 3.46E-03 | 1.95E-03 | 2.57E-03 | 2.59E+03 | 3.41E+03 | 1.32E+00 |
| 39 | 2.89E+00 | 2.07E+00 | 3.45E-03 | 1.96E-03 | 2.58E-03 | 2.64E+03 | 3.47E+03 | 1.32E+00 |
| 40 | 2.95E+00 | 2.10E+00 | 3.44E-03 | 1.97E-03 | 2.59E-03 | 2.69E+03 | 3.54E+03 | 1.32E+00 |
| 41 | 3.00E+00 | 2.13E+00 | 3.42E-03 | 1.98E-03 | 2.61E-03 | 2.74E+03 | 3.60E+03 | 1.32E+00 |
| 42 | 3.06E+00 | 2.16E+00 | 3.41E-03 | 1.99E-03 | 2.62E-03 | 2.79E+03 | 3.66E+03 | 1.31E+00 |
| 43 | 3.11E+00 | 2.18E+00 | 3.40E-03 | 2.00E-03 | 2.63E-03 | 2.84E+03 | 3.72E+03 | 1.31E+00 |
| 44 | 3.17E+00 | 2.21E+00 | 3.39E-03 | 2.01E-03 | 2.64E-03 | 2.89E+03 | 3.78E+03 | 1.31E+00 |
| 45 | 3.22E+00 | 2.24E+00 | 3.38E-03 | 2.02E-03 | 2.65E-03 | 2.94E+03 | 3.85E+03 | 1.31E+00 |
| 46 | 3.28E+00 | 2.27E+00 | 3.37E-03 | 2.03E-03 | 2.66E-03 | 2.99E+03 | 3.92E+03 | 1.31E+00 |
| 47 | 3.33E+00 | 2.29E+00 | 3.36E-03 | 2.05E-03 | 2.68E-03 | 3.05E+03 | 3.98E+03 | 1.31E+00 |
| 48 | 3.39E+00 | 2.32E+00 | 3.35E-03 | 2.06E-03 | 2.69E-03 | 3.10E+03 | 4.05E+03 | 1.31E+00 |
| 49 | 3.44E+00 | 2.35E+00 | 3.33E-03 | 2.07E-03 | 2.71E-03 | 3.16E+03 | 4.13E+03 | 1.31E+00 |
| 50 | 3.50E+00 | 2.38E+00 | 3.32E-03 | 2.09E-03 | 2.72E-03 | 3.21E+03 | 4.20E+03 | 1.31E+00 |
| 51 | 3.55E+00 | 2.40E+00 | 3.31E-03 | 2.10E-03 | 2.73E-03 | 3.27E+03 | 4.26E+03 | 1.30E+00 |
| 52 | 3.60E+00 | 2.43E+00 | 3.30E-03 | 2.11E-03 | 2.75E-03 | 3.33E+03 | 4.34E+03 | 1.30E+00 |
| 53 | 3.63E+00 | 2.44E+00 | 3.29E-03 | 2.12E-03 | 2.76E-03 | 3.36E+03 | 4.37E+03 | 1.30E+00 |
| 54 | 3.66E+00 | 2.46E+00 | 3.29E-03 | 2.12E-03 | 2.77E-03 | 3.38E+03 | 4.41E+03 | 1.30E+00 |
| 55 | 3.69E+00 | 2.47E+00 | 3.28E-03 | 2.13E-03 | 2.77E-03 | 3.41E+03 | 4.44E+03 | 1.30E+00 |
| 56 | 3.71E+00 | 2.48E+00 | 3.28E-03 | 2.14E-03 | 2.78E-03 | 3.44E+03 | 4.48E+03 | 1.30E+00 |
| 57 | 3.74E+00 | 2.50E+00 | 3.27E-03 | 2.14E-03 | 2.79E-03 | 3.47E+03 | 4.52E+03 | 1.30E+00 |
| 58 | 3.77E+00 | 2.51E+00 | 3.27E-03 | 2.15E-03 | 2.80E-03 | 3.51E+03 | 4.56E+03 | 1.30E+00 |
| 59 | 3.80E+00 | 2.52E+00 | 3.26E-03 | 2.16E-03 | 2.81E-03 | 3.54E+03 | 4.60E+03 | 1.30E+00 |
| 60 | 3.82E+00 | 2.54E+00 | 3.25E-03 | 2.17E-03 | 2.82E-03 | 3.57E+03 | 4.64E+03 | 1.30E+00 |
| 61 | 3.85E+00 | 2.55E+00 | 3.25E-03 | 2.18E-03 | 2.83E-03 | 3.60E+03 | 4.68E+03 | 1.30E+00 |
| 62 | 3.88E+00 | 2.56E+00 | 3.24E-03 | 2.18E-03 | 2.84E-03 | 3.63E+03 | 4.72E+03 | 1.30E+00 |
| 63 | 3.91E+00 | 2.57E+00 | 3.23E-03 | 2.19E-03 | 2.85E-03 | 3.67E+03 | 4.76E+03 | 1.30E+00 |
| 64 | 3.93E+00 | 2.59E+00 | 3.23E-03 | 2.20E-03 | 2.86E-03 | 3.70E+03 | 4.81E+03 | 1.30E+00 |
| 65 | 3.96E+00 | 2.60E+00 | 3.22E-03 | 2.21E-03 | 2.87E-03 | 3.73E+03 | 4.85E+03 | 1.30E+00 |
| 66 | 3.99E+00 | 2.61E+00 | 3.22E-03 | 2.22E-03 | 2.88E-03 | 3.77E+03 | 4.89E+03 | 1.30E+00 |
| 67 | 4.02E+00 | 2.62E+00 | 3.21E-03 | 2.23E-03 | 2.90E-03 | 3.80E+03 | 4.94E+03 | 1.30E+00 |
| 68 | 4.04E+00 | 2.64E+00 | 3.20E-03 | 2.24E-03 | 2.91E-03 | 3.84E+03 | 4.98E+03 | 1.30E+00 |
| 69 | 4.07E+00 | 2.65E+00 | 3.20E-03 | 2.25E-03 | 2.92E-03 | 3.87E+03 | 5.03E+03 | 1.30E+00 |
| 70 | 4.10E+00 | 2.66E+00 | 3.19E-03 | 2.26E-03 | 2.94E-03 | 3.91E+03 | 5.07E+03 | 1.30E+00 |
| 71 | 4.13E+00 | 2.67E+00 | 3.18E-03 | 2.28E-03 | 2.95E-03 | 3.95E+03 | 5.12E+03 | 1.30E+00 |
| 72 | 4.15E+00 | 2.68E+00 | 3.18E-03 | 2.29E-03 | 2.97E-03 | 3.98E+03 | 5.17E+03 | 1.30E+00 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| 73 | 4.18E+00 | 2.69E+00 | 3.17E-03 | 2.30E-03 | 2.98E-03 | 4.02E+03 | 5.21E+03 | 1.30E+00 |
| 74 | 4.21E+00 | 2.70E+00 | 3.16E-03 | 2.31E-03 | 3.00E-03 | 4.06E+03 | 5.27E+03 | 1.30E+00 |
| 75 | 4.24E+00 | 2.71E+00 | 3.16E-03 | 2.33E-03 | 3.02E-03 | 4.10E+03 | 5.32E+03 | 1.30E+00 |
| 76 | 4.26E+00 | 2.72E+00 | 3.15E-03 | 2.34E-03 | 3.04E-03 | 4.15E+03 | 5.38E+03 | 1.30E+00 |
| 77 | 4.29E+00 | 2.73E+00 | 3.14E-03 | 2.36E-03 | 3.06E-03 | 4.19E+03 | 5.43E+03 | 1.30E+00 |
| 78 | 4.31E+00 | 2.74E+00 | 3.14E-03 | 2.37E-03 | 3.07E-03 | 4.21E+03 | 5.46E+03 | 1.30E+00 |
| 79 | 4.31E+00 | 2.74E+00 | 3.14E-03 | 2.37E-03 | 3.08E-03 | 4.23E+03 | 5.48E+03 | 1.30E+00 |
| 80 | 4.32E+00 | 2.75E+00 | 3.13E-03 | 2.38E-03 | 3.08E-03 | 4.24E+03 | 5.50E+03 | 1.30E+00 |
| 81 | 4.33E+00 | 2.75E+00 | 3.13E-03 | 2.38E-03 | 3.09E-03 | 4.25E+03 | 5.51E+03 | 1.30E+00 |

| C1300 CS-KE Zonal Method |          |          |          |          |          |          |          |          |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| nx                       | xc       | ue       | cf       | tht2     | dls2     | rtht     | rdls     | h2       |
| 1                        | 7.82E-01 | 1.15E+00 | 4.61E-03 | 1.35E-03 | 1.90E-03 | 1.01E+03 | 1.42E+03 | 1.40E+00 |
| 2                        | 8.42E-01 | 1.18E+00 | 4.56E-03 | 1.40E-03 | 1.96E-03 | 1.07E+03 | 1.50E+03 | 1.40E+00 |
| 3                        | 9.02E-01 | 1.20E+00 | 4.50E-03 | 1.44E-03 | 2.02E-03 | 1.12E+03 | 1.57E+03 | 1.40E+00 |
| 4                        | 9.62E-01 | 1.22E+00 | 4.43E-03 | 1.48E-03 | 2.07E-03 | 1.17E+03 | 1.64E+03 | 1.40E+00 |
| 5                        | 1.02E+00 | 1.24E+00 | 4.38E-03 | 1.52E-03 | 2.12E-03 | 1.23E+03 | 1.71E+03 | 1.40E+00 |
| 6                        | 1.08E+00 | 1.27E+00 | 4.33E-03 | 1.55E-03 | 2.17E-03 | 1.28E+03 | 1.78E+03 | 1.39E+00 |
| 7                        | 1.13E+00 | 1.29E+00 | 4.30E-03 | 1.59E-03 | 2.20E-03 | 1.33E+03 | 1.84E+03 | 1.39E+00 |
| 8                        | 1.19E+00 | 1.31E+00 | 4.27E-03 | 1.62E-03 | 2.24E-03 | 1.37E+03 | 1.90E+03 | 1.39E+00 |
| 9                        | 1.24E+00 | 1.33E+00 | 4.26E-03 | 1.64E-03 | 2.27E-03 | 1.42E+03 | 1.96E+03 | 1.38E+00 |
| 10                       | 1.30E+00 | 1.35E+00 | 4.23E-03 | 1.67E-03 | 2.30E-03 | 1.47E+03 | 2.02E+03 | 1.38E+00 |
| 11                       | 1.35E+00 | 1.37E+00 | 4.21E-03 | 1.70E-03 | 2.32E-03 | 1.51E+03 | 2.07E+03 | 1.37E+00 |
| 12                       | 1.41E+00 | 1.40E+00 | 4.19E-03 | 1.72E-03 | 2.35E-03 | 1.56E+03 | 2.13E+03 | 1.37E+00 |
| 13                       | 1.46E+00 | 1.42E+00 | 4.17E-03 | 1.75E-03 | 2.38E-03 | 1.61E+03 | 2.19E+03 | 1.36E+00 |
| 14                       | 1.52E+00 | 1.44E+00 | 4.15E-03 | 1.77E-03 | 2.40E-03 | 1.66E+03 | 2.25E+03 | 1.36E+00 |
| 15                       | 1.57E+00 | 1.46E+00 | 4.14E-03 | 1.79E-03 | 2.43E-03 | 1.70E+03 | 2.31E+03 | 1.36E+00 |
| 16                       | 1.63E+00 | 1.49E+00 | 4.11E-03 | 1.81E-03 | 2.45E-03 | 1.75E+03 | 2.36E+03 | 1.35E+00 |
| 17                       | 1.68E+00 | 1.51E+00 | 4.10E-03 | 1.83E-03 | 2.47E-03 | 1.79E+03 | 2.42E+03 | 1.35E+00 |
| 18                       | 1.74E+00 | 1.53E+00 | 4.08E-03 | 1.85E-03 | 2.49E-03 | 1.84E+03 | 2.48E+03 | 1.35E+00 |
| 19                       | 1.79E+00 | 1.56E+00 | 4.06E-03 | 1.87E-03 | 2.51E-03 | 1.89E+03 | 2.54E+03 | 1.34E+00 |
| 20                       | 1.85E+00 | 1.58E+00 | 4.04E-03 | 1.88E-03 | 2.53E-03 | 1.94E+03 | 2.59E+03 | 1.34E+00 |
| 21                       | 1.90E+00 | 1.61E+00 | 4.03E-03 | 1.90E-03 | 2.54E-03 | 1.98E+03 | 2.65E+03 | 1.34E+00 |
| 22                       | 1.96E+00 | 1.63E+00 | 4.01E-03 | 1.92E-03 | 2.56E-03 | 2.03E+03 | 2.71E+03 | 1.34E+00 |
| 23                       | 2.01E+00 | 1.66E+00 | 3.99E-03 | 1.93E-03 | 2.58E-03 | 2.08E+03 | 2.77E+03 | 1.33E+00 |
| 24                       | 2.07E+00 | 1.68E+00 | 3.98E-03 | 1.95E-03 | 2.59E-03 | 2.12E+03 | 2.83E+03 | 1.33E+00 |
| 25                       | 2.12E+00 | 1.71E+00 | 3.96E-03 | 1.96E-03 | 2.60E-03 | 2.17E+03 | 2.88E+03 | 1.33E+00 |
| 26                       | 2.18E+00 | 1.73E+00 | 3.95E-03 | 1.97E-03 | 2.62E-03 | 2.22E+03 | 2.94E+03 | 1.33E+00 |
| 27                       | 2.23E+00 | 1.76E+00 | 3.93E-03 | 1.99E-03 | 2.63E-03 | 2.26E+03 | 3.00E+03 | 1.33E+00 |
| 28                       | 2.29E+00 | 1.78E+00 | 3.91E-03 | 2.00E-03 | 2.64E-03 | 2.31E+03 | 3.06E+03 | 1.32E+00 |
| 29                       | 2.34E+00 | 1.81E+00 | 3.90E-03 | 2.01E-03 | 2.66E-03 | 2.36E+03 | 3.12E+03 | 1.32E+00 |
| 30                       | 2.40E+00 | 1.83E+00 | 3.89E-03 | 2.02E-03 | 2.67E-03 | 2.41E+03 | 3.18E+03 | 1.32E+00 |
| 31                       | 2.45E+00 | 1.86E+00 | 3.86E-03 | 2.04E-03 | 2.68E-03 | 2.46E+03 | 3.24E+03 | 1.32E+00 |
| 32                       | 2.51E+00 | 1.89E+00 | 3.85E-03 | 2.05E-03 | 2.70E-03 | 2.51E+03 | 3.30E+03 | 1.32E+00 |
| 33                       | 2.56E+00 | 1.91E+00 | 3.84E-03 | 2.06E-03 | 2.71E-03 | 2.56E+03 | 3.36E+03 | 1.32E+00 |
| 34                       | 2.62E+00 | 1.94E+00 | 3.82E-03 | 2.07E-03 | 2.72E-03 | 2.61E+03 | 3.43E+03 | 1.31E+00 |
| 35                       | 2.67E+00 | 1.97E+00 | 3.81E-03 | 2.09E-03 | 2.74E-03 | 2.66E+03 | 3.49E+03 | 1.31E+00 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| 36 | 2.73E+00 | 1.99E+00 | 3.79E-03 | 2.10E-03 | 2.75E-03 | 2.71E+03 | 3.55E+03 | 1.31E+00 |
| 37 | 2.78E+00 | 2.02E+00 | 3.78E-03 | 2.11E-03 | 2.76E-03 | 2.77E+03 | 3.62E+03 | 1.31E+00 |
| 38 | 2.84E+00 | 2.05E+00 | 3.76E-03 | 2.12E-03 | 2.78E-03 | 2.82E+03 | 3.69E+03 | 1.31E+00 |
| 39 | 2.89E+00 | 2.07E+00 | 3.75E-03 | 2.13E-03 | 2.79E-03 | 2.87E+03 | 3.75E+03 | 1.31E+00 |
| 40 | 2.95E+00 | 2.10E+00 | 3.73E-03 | 2.14E-03 | 2.80E-03 | 2.92E+03 | 3.82E+03 | 1.31E+00 |
| 41 | 3.00E+00 | 2.13E+00 | 3.71E-03 | 2.16E-03 | 2.81E-03 | 2.98E+03 | 3.88E+03 | 1.30E+00 |
| 42 | 3.06E+00 | 2.16E+00 | 3.70E-03 | 2.17E-03 | 2.82E-03 | 3.03E+03 | 3.95E+03 | 1.30E+00 |
| 43 | 3.11E+00 | 2.18E+00 | 3.69E-03 | 2.18E-03 | 2.83E-03 | 3.09E+03 | 4.02E+03 | 1.30E+00 |
| 44 | 3.17E+00 | 2.21E+00 | 3.68E-03 | 2.19E-03 | 2.85E-03 | 3.14E+03 | 4.08E+03 | 1.30E+00 |
| 45 | 3.22E+00 | 2.24E+00 | 3.66E-03 | 2.20E-03 | 2.86E-03 | 3.20E+03 | 4.16E+03 | 1.30E+00 |
| 46 | 3.28E+00 | 2.27E+00 | 3.64E-03 | 2.21E-03 | 2.87E-03 | 3.25E+03 | 4.23E+03 | 1.30E+00 |
| 47 | 3.33E+00 | 2.29E+00 | 3.63E-03 | 2.22E-03 | 2.89E-03 | 3.31E+03 | 4.30E+03 | 1.30E+00 |
| 48 | 3.39E+00 | 2.32E+00 | 3.62E-03 | 2.23E-03 | 2.90E-03 | 3.37E+03 | 4.37E+03 | 1.30E+00 |
| 49 | 3.44E+00 | 2.35E+00 | 3.60E-03 | 2.25E-03 | 2.92E-03 | 3.43E+03 | 4.44E+03 | 1.30E+00 |
| 50 | 3.50E+00 | 2.38E+00 | 3.59E-03 | 2.26E-03 | 2.93E-03 | 3.49E+03 | 4.52E+03 | 1.30E+00 |
| 51 | 3.55E+00 | 2.40E+00 | 3.57E-03 | 2.27E-03 | 2.94E-03 | 3.55E+03 | 4.59E+03 | 1.29E+00 |
| 52 | 3.60E+00 | 2.43E+00 | 3.56E-03 | 2.29E-03 | 2.96E-03 | 3.61E+03 | 4.67E+03 | 1.29E+00 |
| 53 | 3.63E+00 | 2.44E+00 | 3.55E-03 | 2.30E-03 | 2.97E-03 | 3.64E+03 | 4.71E+03 | 1.29E+00 |
| 54 | 3.66E+00 | 2.46E+00 | 3.54E-03 | 2.30E-03 | 2.98E-03 | 3.67E+03 | 4.75E+03 | 1.29E+00 |
| 55 | 3.69E+00 | 2.47E+00 | 3.54E-03 | 2.31E-03 | 2.99E-03 | 3.71E+03 | 4.79E+03 | 1.29E+00 |
| 56 | 3.71E+00 | 2.48E+00 | 3.53E-03 | 2.32E-03 | 3.00E-03 | 3.74E+03 | 4.83E+03 | 1.29E+00 |
| 57 | 3.74E+00 | 2.50E+00 | 3.52E-03 | 2.33E-03 | 3.01E-03 | 3.78E+03 | 4.88E+03 | 1.29E+00 |
| 58 | 3.77E+00 | 2.51E+00 | 3.51E-03 | 2.34E-03 | 3.02E-03 | 3.81E+03 | 4.92E+03 | 1.29E+00 |
| 59 | 3.80E+00 | 2.52E+00 | 3.51E-03 | 2.35E-03 | 3.03E-03 | 3.85E+03 | 4.96E+03 | 1.29E+00 |
| 60 | 3.82E+00 | 2.54E+00 | 3.50E-03 | 2.36E-03 | 3.04E-03 | 3.88E+03 | 5.01E+03 | 1.29E+00 |
| 61 | 3.85E+00 | 2.55E+00 | 3.49E-03 | 2.37E-03 | 3.05E-03 | 3.92E+03 | 5.05E+03 | 1.29E+00 |
| 62 | 3.88E+00 | 2.56E+00 | 3.48E-03 | 2.38E-03 | 3.07E-03 | 3.95E+03 | 5.10E+03 | 1.29E+00 |
| 63 | 3.91E+00 | 2.57E+00 | 3.47E-03 | 2.39E-03 | 3.08E-03 | 3.99E+03 | 5.14E+03 | 1.29E+00 |
| 64 | 3.93E+00 | 2.59E+00 | 3.46E-03 | 2.40E-03 | 3.09E-03 | 4.03E+03 | 5.19E+03 | 1.29E+00 |
| 65 | 3.96E+00 | 2.60E+00 | 3.46E-03 | 2.41E-03 | 3.10E-03 | 4.06E+03 | 5.23E+03 | 1.29E+00 |
| 66 | 3.99E+00 | 2.61E+00 | 3.45E-03 | 2.42E-03 | 3.11E-03 | 4.10E+03 | 5.28E+03 | 1.29E+00 |
| 67 | 4.02E+00 | 2.62E+00 | 3.44E-03 | 2.43E-03 | 3.13E-03 | 4.13E+03 | 5.33E+03 | 1.29E+00 |
| 68 | 4.04E+00 | 2.64E+00 | 3.43E-03 | 2.44E-03 | 3.14E-03 | 4.17E+03 | 5.37E+03 | 1.29E+00 |
| 69 | 4.07E+00 | 2.65E+00 | 3.42E-03 | 2.45E-03 | 3.15E-03 | 4.21E+03 | 5.42E+03 | 1.29E+00 |
| 70 | 4.10E+00 | 2.66E+00 | 3.41E-03 | 2.46E-03 | 3.17E-03 | 4.25E+03 | 5.47E+03 | 1.29E+00 |
| 71 | 4.13E+00 | 2.67E+00 | 3.40E-03 | 2.47E-03 | 3.18E-03 | 4.29E+03 | 5.52E+03 | 1.29E+00 |
| 72 | 4.15E+00 | 2.68E+00 | 3.39E-03 | 2.48E-03 | 3.20E-03 | 4.32E+03 | 5.57E+03 | 1.29E+00 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| 73 | 4.18E+00 | 2.69E+00 | 3.39E-03 | 2.49E-03 | 3.21E-03 | 4.36E+03 | 5.62E+03 | 1.29E+00 |
| 74 | 4.21E+00 | 2.70E+00 | 3.37E-03 | 2.51E-03 | 3.23E-03 | 4.41E+03 | 5.67E+03 | 1.29E+00 |
| 75 | 4.24E+00 | 2.71E+00 | 3.36E-03 | 2.52E-03 | 3.25E-03 | 4.45E+03 | 5.73E+03 | 1.29E+00 |
| 76 | 4.26E+00 | 2.72E+00 | 3.35E-03 | 2.54E-03 | 3.27E-03 | 4.49E+03 | 5.79E+03 | 1.29E+00 |
| 77 | 4.29E+00 | 2.73E+00 | 3.34E-03 | 2.56E-03 | 3.29E-03 | 4.54E+03 | 5.84E+03 | 1.29E+00 |
| 78 | 4.31E+00 | 2.74E+00 | 3.34E-03 | 2.56E-03 | 3.30E-03 | 4.56E+03 | 5.87E+03 | 1.29E+00 |
| 79 | 4.31E+00 | 2.74E+00 | 3.33E-03 | 2.57E-03 | 3.31E-03 | 4.57E+03 | 5.89E+03 | 1.29E+00 |
| 80 | 4.32E+00 | 2.75E+00 | 3.33E-03 | 2.57E-03 | 3.31E-03 | 4.59E+03 | 5.91E+03 | 1.29E+00 |
| 81 | 4.33E+00 | 2.75E+00 | 3.33E-03 | 2.58E-03 | 3.32E-03 | 4.60E+03 | 5.93E+03 | 1.29E+00 |

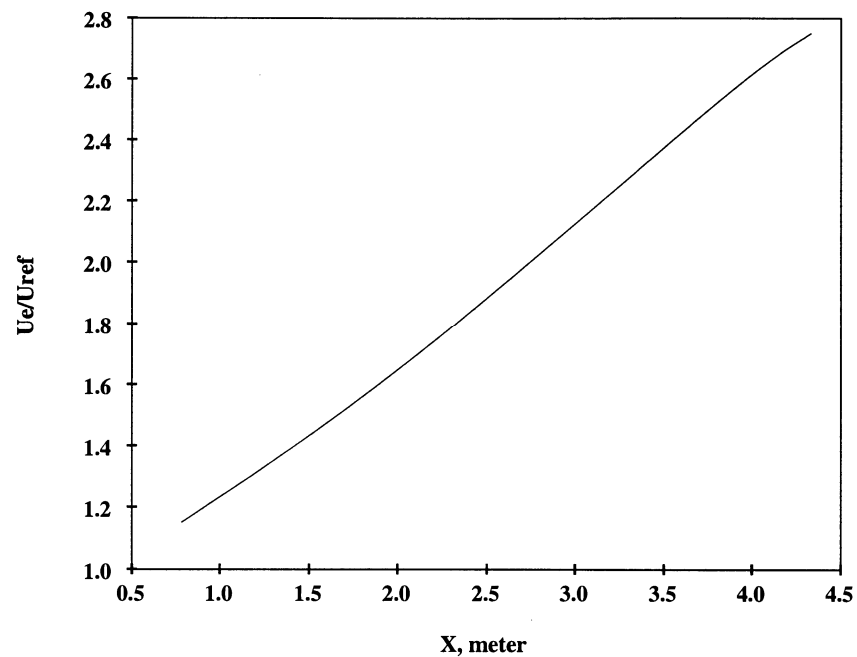


| C1300 Standard High-Reynolds Number KE Model |          |          |          |          |          |          |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| nx   | xc       | ue       | cf       | tht2     | dls2     | rtht     | rdls     | h2       |
| 1  | 7.82E-01 | 1.15E+00 | 4.61E-03 | 1.35E-03 | 1.88E-03 | 1.01E+03 | 1.40E+03 | 1.39E+00 |
| 2  | 8.42E-01 | 1.18E+00 | 4.54E-03 | 1.34E-03 | 1.85E-03 | 1.02E+03 | 1.41E+03 | 1.39E+00 |
| 3  | 9.02E-01 | 1.20E+00 | 4.42E-03 | 1.39E-03 | 1.94E-03 | 1.08E+03 | 1.51E+03 | 1.40E+00 |
| 4  | 9.62E-01 | 1.22E+00 | 4.33E-03 | 1.44E-03 | 2.01E-03 | 1.14E+03 | 1.59E+03 | 1.40E+00 |
| 5  | 1.02E+00 | 1.24E+00 | 4.26E-03 | 1.48E-03 | 2.07E-03 | 1.20E+03 | 1.67E+03 | 1.39E+00 |
| 6  | 1.08E+00 | 1.27E+00 | 4.22E-03 | 1.52E-03 | 2.12E-03 | 1.25E+03 | 1.74E+03 | 1.39E+00 |
| 7  | 1.13E+00 | 1.29E+00 | 4.19E-03 | 1.56E-03 | 2.16E-03 | 1.30E+03 | 1.81E+03 | 1.39E+00 |
| 8  | 1.19E+00 | 1.31E+00 | 4.16E-03 | 1.60E-03 | 2.21E-03 | 1.35E+03 | 1.87E+03 | 1.38E+00 |
| 9  | 1.24E+00 | 1.33E+00 | 4.15E-03 | 1.62E-03 | 2.24E-03 | 1.40E+03 | 1.93E+03 | 1.38E+00 |
| 10   | 1.30E+00 | 1.35E+00 | 4.13E-03 | 1.65E-03 | 2.27E-03 | 1.45E+03 | 1.99E+03 | 1.37E+00 |
| 11   | 1.35E+00 | 1.37E+00 | 4.11E-03 | 1.68E-03 | 2.30E-03 | 1.50E+03 | 2.05E+03 | 1.37E+00 |
| 12   | 1.41E+00 | 1.40E+00 | 4.09E-03 | 1.71E-03 | 2.33E-03 | 1.55E+03 | 2.11E+03 | 1.36E+00 |
| 13   | 1.46E+00 | 1.42E+00 | 4.07E-03 | 1.73E-03 | 2.36E-03 | 1.60E+03 | 2.17E+03 | 1.36E+00 |
| 14   | 1.52E+00 | 1.44E+00 | 4.06E-03 | 1.76E-03 | 2.38E-03 | 1.65E+03 | 2.23E+03 | 1.36E+00 |
| 15   | 1.57E+00 | 1.46E+00 | 4.04E-03 | 1.78E-03 | 2.41E-03 | 1.69E+03 | 2.29E+03 | 1.35E+00 |
| 16   | 1.63E+00 | 1.49E+00 | 4.02E-03 | 1.80E-03 | 2.43E-03 | 1.74E+03 | 2.35E+03 | 1.35E+00 |
| 17   | 1.68E+00 | 1.51E+00 | 4.00E-03 | 1.82E-03 | 2.45E-03 | 1.79E+03 | 2.41E+03 | 1.35E+00 |
| 18   | 1.74E+00 | 1.53E+00 | 3.99E-03 | 1.84E-03 | 2.47E-03 | 1.84E+03 | 2.46E+03 | 1.34E+00 |
| 19   | 1.79E+00 | 1.56E+00 | 3.97E-03 | 1.86E-03 | 2.49E-03 | 1.88E+03 | 2.52E+03 | 1.34E+00 |
| 20   | 1.85E+00 | 1.58E+00 | 3.96E-03 | 1.88E-03 | 2.51E-03 | 1.93E+03 | 2.58E+03 | 1.34E+00 |
| 21   | 1.90E+00 | 1.61E+00 | 3.94E-03 | 1.90E-03 | 2.53E-03 | 1.98E+03 | 2.64E+03 | 1.34E+00 |
| 22   | 1.96E+00 | 1.63E+00 | 3.93E-03 | 1.91E-03 | 2.55E-03 | 2.02E+03 | 2.70E+03 | 1.33E+00 |
| 23   | 2.01E+00 | 1.66E+00 | 3.91E-03 | 1.93E-03 | 2.57E-03 | 2.07E+03 | 2.76E+03 | 1.33E+00 |
| 24   | 2.07E+00 | 1.68E+00 | 3.90E-03 | 1.95E-03 | 2.58E-03 | 2.12E+03 | 2.82E+03 | 1.33E+00 |
| 25   | 2.12E+00 | 1.71E+00 | 3.88E-03 | 1.96E-03 | 2.60E-03 | 2.17E+03 | 2.88E+03 | 1.33E+00 |
| 26   | 2.18E+00 | 1.73E+00 | 3.87E-03 | 1.98E-03 | 2.62E-03 | 2.22E+03 | 2.94E+03 | 1.32E+00 |
| 27   | 2.23E+00 | 1.76E+00 | 3.85E-03 | 2.00E-03 | 2.64E-03 | 2.28E+03 | 3.01E+03 | 1.32E+00 |
| 28   | 2.29E+00 | 1.78E+00 | 3.84E-03 | 2.01E-03 | 2.65E-03 | 2.33E+03 | 3.07E+03 | 1.32E+00 |
| 29   | 2.34E+00 | 1.81E+00 | 3.82E-03 | 2.02E-03 | 2.66E-03 | 2.37E+03 | 3.13E+03 | 1.32E+00 |
| 30   | 2.40E+00 | 1.83E+00 | 3.81E-03 | 2.04E-03 | 2.68E-03 | 2.42E+03 | 3.19E+03 | 1.32E+00 |
| 31   | 2.45E+00 | 1.86E+00 | 3.79E-03 | 2.05E-03 | 2.69E-03 | 2.48E+03 | 3.25E+03 | 1.31E+00 |
| 32   | 2.51E+00 | 1.89E+00 | 3.78E-03 | 2.06E-03 | 2.71E-03 | 2.53E+03 | 3.32E+03 | 1.31E+00 |
| 33   | 2.56E+00 | 1.91E+00 | 3.77E-03 | 2.08E-03 | 2.72E-03 | 2.58E+03 | 3.38E+03 | 1.31E+00 |
| 34   | 2.62E+00 | 1.94E+00 | 3.75E-03 | 2.09E-03 | 2.74E-03 | 2.63E+03 | 3.45E+03 | 1.31E+00 |
| 35   | 2.67E+00 | 1.97E+00 | 3.74E-03 | 2.10E-03 | 2.75E-03 | 2.68E+03 | 3.51E+03 | 1.31E+00 |

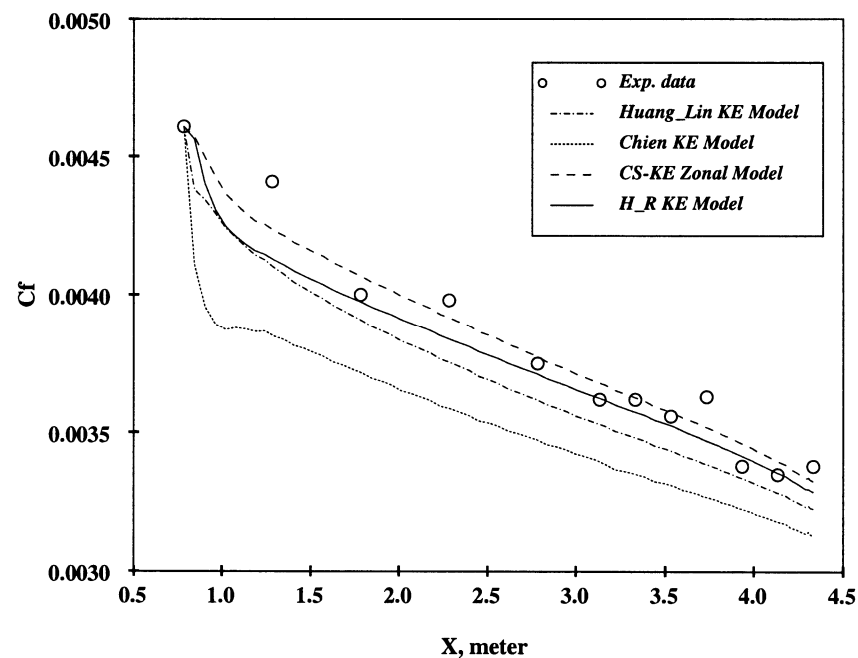
|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| 36 | 2.73E+00 | 1.99E+00 | 3.72E-03 | 2.12E-03 | 2.76E-03 | 2.74E+03 | 3.57E+03 | 1.31E+00 |
| 37 | 2.78E+00 | 2.02E+00 | 3.71E-03 | 2.13E-03 | 2.77E-03 | 2.79E+03 | 3.64E+03 | 1.31E+00 |
| 38 | 2.84E+00 | 2.05E+00 | 3.69E-03 | 2.14E-03 | 2.79E-03 | 2.84E+03 | 3.71E+03 | 1.30E+00 |
| 39 | 2.89E+00 | 2.07E+00 | 3.68E-03 | 2.15E-03 | 2.80E-03 | 2.89E+03 | 3.77E+03 | 1.30E+00 |
| 40 | 2.95E+00 | 2.10E+00 | 3.67E-03 | 2.16E-03 | 2.81E-03 | 2.95E+03 | 3.84E+03 | 1.30E+00 |
| 41 | 3.00E+00 | 2.13E+00 | 3.65E-03 | 2.17E-03 | 2.83E-03 | 3.00E+03 | 3.90E+03 | 1.30E+00 |
| 42 | 3.06E+00 | 2.16E+00 | 3.64E-03 | 2.18E-03 | 2.84E-03 | 3.06E+03 | 3.97E+03 | 1.30E+00 |
| 43 | 3.11E+00 | 2.18E+00 | 3.63E-03 | 2.19E-03 | 2.85E-03 | 3.11E+03 | 4.04E+03 | 1.30E+00 |
| 44 | 3.17E+00 | 2.21E+00 | 3.62E-03 | 2.21E-03 | 2.86E-03 | 3.16E+03 | 4.11E+03 | 1.30E+00 |
| 45 | 3.22E+00 | 2.24E+00 | 3.60E-03 | 2.22E-03 | 2.88E-03 | 3.22E+03 | 4.18E+03 | 1.30E+00 |
| 46 | 3.28E+00 | 2.27E+00 | 3.59E-03 | 2.23E-03 | 2.89E-03 | 3.28E+03 | 4.25E+03 | 1.30E+00 |
| 47 | 3.33E+00 | 2.29E+00 | 3.57E-03 | 2.24E-03 | 2.91E-03 | 3.34E+03 | 4.32E+03 | 1.30E+00 |
| 48 | 3.39E+00 | 2.32E+00 | 3.56E-03 | 2.25E-03 | 2.92E-03 | 3.40E+03 | 4.40E+03 | 1.30E+00 |
| 49 | 3.44E+00 | 2.35E+00 | 3.54E-03 | 2.27E-03 | 2.94E-03 | 3.46E+03 | 4.48E+03 | 1.29E+00 |
| 50 | 3.50E+00 | 2.38E+00 | 3.53E-03 | 2.28E-03 | 2.95E-03 | 3.52E+03 | 4.55E+03 | 1.29E+00 |
| 51 | 3.55E+00 | 2.40E+00 | 3.52E-03 | 2.30E-03 | 2.97E-03 | 3.58E+03 | 4.63E+03 | 1.29E+00 |
| 52 | 3.60E+00 | 2.43E+00 | 3.51E-03 | 2.31E-03 | 2.99E-03 | 3.64E+03 | 4.71E+03 | 1.29E+00 |
| 53 | 3.63E+00 | 2.44E+00 | 3.50E-03 | 2.32E-03 | 2.99E-03 | 3.68E+03 | 4.75E+03 | 1.29E+00 |
| 54 | 3.66E+00 | 2.46E+00 | 3.49E-03 | 2.33E-03 | 3.00E-03 | 3.71E+03 | 4.79E+03 | 1.29E+00 |
| 55 | 3.69E+00 | 2.47E+00 | 3.49E-03 | 2.34E-03 | 3.01E-03 | 3.74E+03 | 4.83E+03 | 1.29E+00 |
| 56 | 3.71E+00 | 2.48E+00 | 3.48E-03 | 2.35E-03 | 3.02E-03 | 3.78E+03 | 4.87E+03 | 1.29E+00 |
| 57 | 3.74E+00 | 2.50E+00 | 3.47E-03 | 2.35E-03 | 3.04E-03 | 3.81E+03 | 4.92E+03 | 1.29E+00 |
| 58 | 3.77E+00 | 2.51E+00 | 3.46E-03 | 2.36E-03 | 3.05E-03 | 3.85E+03 | 4.96E+03 | 1.29E+00 |
| 59 | 3.80E+00 | 2.52E+00 | 3.46E-03 | 2.37E-03 | 3.06E-03 | 3.88E+03 | 5.00E+03 | 1.29E+00 |
| 60 | 3.82E+00 | 2.54E+00 | 3.45E-03 | 2.38E-03 | 3.07E-03 | 3.92E+03 | 5.05E+03 | 1.29E+00 |
| 61 | 3.85E+00 | 2.55E+00 | 3.44E-03 | 2.39E-03 | 3.08E-03 | 3.96E+03 | 5.10E+03 | 1.29E+00 |
| 62 | 3.88E+00 | 2.56E+00 | 3.43E-03 | 2.40E-03 | 3.09E-03 | 3.99E+03 | 5.14E+03 | 1.29E+00 |
| 63 | 3.91E+00 | 2.57E+00 | 3.43E-03 | 2.41E-03 | 3.10E-03 | 4.03E+03 | 5.19E+03 | 1.29E+00 |
| 64 | 3.93E+00 | 2.59E+00 | 3.42E-03 | 2.42E-03 | 3.12E-03 | 4.06E+03 | 5.23E+03 | 1.29E+00 |
| 65 | 3.96E+00 | 2.60E+00 | 3.41E-03 | 2.43E-03 | 3.13E-03 | 4.10E+03 | 5.28E+03 | 1.29E+00 |
| 66 | 3.99E+00 | 2.61E+00 | 3.40E-03 | 2.44E-03 | 3.14E-03 | 4.14E+03 | 5.32E+03 | 1.29E+00 |
| 67 | 4.02E+00 | 2.62E+00 | 3.39E-03 | 2.45E-03 | 3.16E-03 | 4.17E+03 | 5.37E+03 | 1.29E+00 |
| 68 | 4.04E+00 | 2.64E+00 | 3.39E-03 | 2.46E-03 | 3.17E-03 | 4.21E+03 | 5.42E+03 | 1.29E+00 |
| 69 | 4.07E+00 | 2.65E+00 | 3.38E-03 | 2.47E-03 | 3.18E-03 | 4.25E+03 | 5.47E+03 | 1.29E+00 |
| 70 | 4.10E+00 | 2.66E+00 | 3.37E-03 | 2.49E-03 | 3.20E-03 | 4.29E+03 | 5.52E+03 | 1.29E+00 |
| 71 | 4.13E+00 | 2.67E+00 | 3.36E-03 | 2.50E-03 | 3.21E-03 | 4.33E+03 | 5.57E+03 | 1.29E+00 |
| 72 | 4.15E+00 | 2.68E+00 | 3.35E-03 | 2.51E-03 | 3.23E-03 | 4.37E+03 | 5.62E+03 | 1.29E+00 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| 73 | 4.18E+00 | 2.69E+00 | 3.35E-03 | 2.52E-03 | 3.24E-03 | 4.41E+03 | 5.67E+03 | 1.29E+00 |
| 74 | 4.21E+00 | 2.70E+00 | 3.33E-03 | 2.54E-03 | 3.27E-03 | 4.45E+03 | 5.73E+03 | 1.29E+00 |
| 75 | 4.24E+00 | 2.71E+00 | 3.32E-03 | 2.55E-03 | 3.29E-03 | 4.50E+03 | 5.79E+03 | 1.29E+00 |
| 76 | 4.26E+00 | 2.72E+00 | 3.31E-03 | 2.57E-03 | 3.31E-03 | 4.54E+03 | 5.85E+03 | 1.29E+00 |
| 77 | 4.29E+00 | 2.73E+00 | 3.30E-03 | 2.59E-03 | 3.33E-03 | 4.59E+03 | 5.91E+03 | 1.29E+00 |
| 78 | 4.31E+00 | 2.74E+00 | 3.30E-03 | 2.59E-03 | 3.34E-03 | 4.61E+03 | 5.94E+03 | 1.29E+00 |
| 79 | 4.31E+00 | 2.74E+00 | 3.30E-03 | 2.60E-03 | 3.34E-03 | 4.63E+03 | 5.96E+03 | 1.29E+00 |
| 80 | 4.32E+00 | 2.75E+00 | 3.29E-03 | 2.60E-03 | 3.35E-03 | 4.64E+03 | 5.98E+03 | 1.29E+00 |
| 81 | 4.33E+00 | 2.75E+00 | 3.29E-03 | 2.61E-03 | 3.36E-03 | 4.66E+03 | 5.99E+03 | 1.29E+00 |

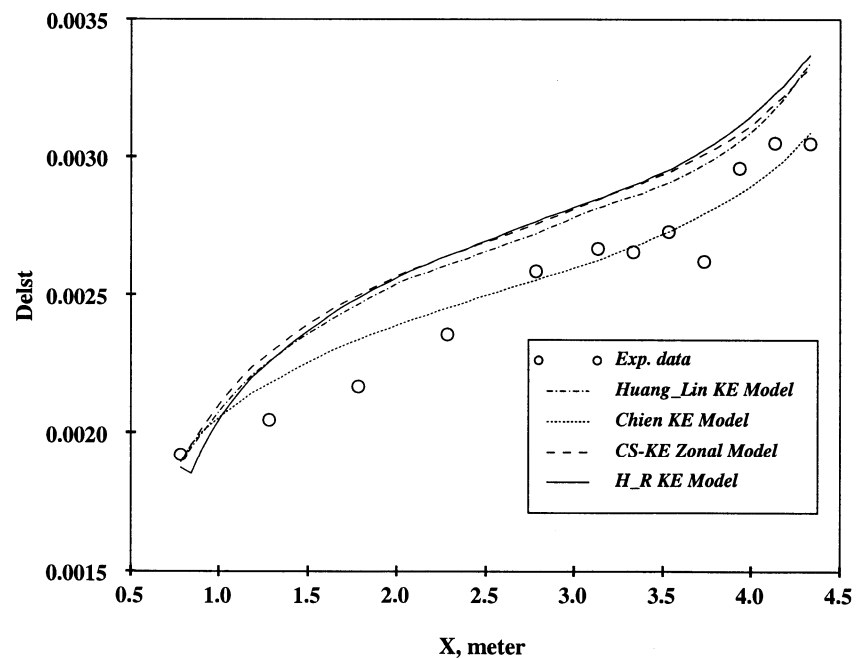
**C1300 : Near-Equilibrium flow in Moderate Negative Pressure Gradient  
Ue Distribution**



**Comprison of Calculated CF Distribution with Exp. data  
C1300**



**Comprison of Calculated Delst Distribution with Exp. data  
C1300**



**Comprison of Calculated Rtheta Distribution with Exp. data  
C1300**

