Table 5. Effective collision strength for the electron impact excitation of Fe XV. ($a \pm b \equiv a \times 10^{\pm b}$).

		log(T)										
i	j	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
1	2	2.99−2	2.46−2	1.98−2	1.57−2	1.21−2	9.18−3	6.94−3	5.18−3	3.83−3	2.80−3	2.01−3
1	3	1.12−1	9.96−2	8.53−2	7.06−2	5.74−2	4.70−2	3.97−2	3.49−2	3.21−2	3.08−2	3.06−2
1	4	1.21−1	1.13−1	9.97−2	8.26−2	6.53−2	5.00−2	3.76−2	2.80−2	2.05−2	1.49−2	1.06−2
1	5	2.64+0	2.54+0	2.43+0	2.37+0	2.37+0	2.48+0	2.68+0	2.95+0	3.27+0	3.63+0	4.02+0
1	6	1.84−3	1.56−3	1.25−3	9.48−4	6.95−4	5.02−4	3.62−4	2.61−4	1.90−4	1.40−4	1.05−4
1	7	9.39−2	9.16−2	8.89−2	8.67−2	8.54−2	8.52−2	8.60−2	8.75−2	8.97−2	9.22−2	9.47−2
1	8	2.96−3	2.52−3	1.98−3	1.47−3	1.04−3	7.19−4	4.88−4	3.28−4	2.18−4	1.45−4	9.52−5
1	9	2.24−2	2.15−2	2.05−2	1.95−2	1.89−2	1.86−2	1.86−2	1.89−2	1.93−2	1.98−2	2.03−2
1	10	1.73−2	1.41−2	1.11−2	8.63−3	6.74−3	5.33−3	4.27−3	3.48−3	2.87−3	2.38−3	1.99−3
1	11	1.15−2	1.11−2	1.05−2	9.87−3	9.15−3	8.32−3	7.36−3	6.30−3	5.20−3	4.12−3	3.14−3
1	12	1.95−2	1.87−2	1.77−2	1.66−2	1.53−2	1.39−2	1.23−2	1.05−2	8.69−3	6.89−3	5.26−3
1	13	2.85−2	2.72−2	2.56−2	2.38−2	2.18−2	1.97−2	1.74−2	1.48−2	1.22−2	9.65−3	7.35−3
1	14	1.85−1	1.84−1	1.83−1	1.84−1	1.86−1	1.91−1	1.96−1	2.03−1	2.10−1	2.17−1	2.24−1
1	15	3.48−4	3.28−4	3.08−4	2.89−4	2.70−4	2.49−4	2.27−4	2.02−4	1.76−4	1.50−4	1.26−4
1	16	2.75−4	2.55−4	2.35−4	2.17−4	1.97−4	1.76−4	1.52−4	1.27−4	1.02−4	7.99−5	6.08−5
1	17	1.29−3	1.22−3	1.16−3	1.11−3	1.06−3	1.01−3	9.55−4	8.91−4	8.17−4	7.34−4	6.45−4
1	18	3.12−4	2.93−4	2.74−4	2.54−4	2.32−4	2.07−4	1.79−4	1.49−4	1.19−4	9.13−5	6.78−5
1	19	1.01−4	9.73−5	9.23−5	8.63−5	7.95−5	7.15−5	6.25−5	5.26−5	4.26−5	3.33−5	2.52−5
1	20	2.29−4	2.22−4	2.13−4	2.00−4	1.85−4	1.68−4	1.48−4	1.27−4	1.04−4	8.30−5	6.42−5
1	21	1.70−4	1.65−4	1.56−4	1.43−4	1.28−4	1.11−4	9.41−5	7.73−5	6.17−5	4.79−5	3.65−5
1	22	5.09−5	4.85−5	4.59−5	4.32−5	4.03−5	3.68−5	3.25−5	2.74−5	2.21−5	1.71−5	1.27−5
1	23	1.55−4	1.51−4	1.44−4	1.33−4	1.21−4	1.07−4	9.14−5	7.54−5	5.98−5	4.58−5	3.37−5
1	24	2.12−4	2.07−4	1.97−4	1.82−4	1.63−4	1.43−4	1.21−4	9.97−5	7.87−5	6.01−5	4.43−5
1	25	2.44−3	2.40−3	2.35−3	2.29−3	2.24−3	2.17−3	2.08−3	1.96−3	1.83−3	1.71−3	1.59−3
1	26	8.75−4	8.88−4	8.92−4	8.83−4	8.67−4	8.47−4	8.33−4	8.26−4	8.29−4	8.45−4	8.72−4
1	27	1.14−5	1.00−5	8.87−6	7.94−6	7.15−6	6.44−6	5.77−6	5.13−6	4.54−6	4.01−6	3.56−6
1	28	1.46−5	1.26−5	1.09−5	9.53−6	8.34−6	7.25−6	6.19−6	5.14−6	4.13−6	3.19−6	2.37−6
1	29	2.24−5	1.86−5	1.56−5	1.33−5	1.14−5	9.76−6	8.26−6	6.83−6	5.47−6	4.23−6	3.15−6
1	30	2.28−4	2.27−4	2.27−4	2.30−4	2.37−4	2.47−4	2.61−4	2.79−4	3.01−4	3.23−4	3.45−4
1	31	1.22−6	1.11−6	1.01−6	9.35−7	8.66−7	7.99−7	7.25−7	6.42−7	5.49−7	4.52−7	3.59−7
1	32	3.37−6	3.08−6	2.82−6	2.60−6	2.41−6	2.21−6	2.00−6	1.75−6	1.48−6	1.20−6	9.34−7
1	33	1.60−4	1.59−4	1.59−4	1.61−4	1.65−4	1.72−4	1.82−4	1.94−4	2.09−4	2.24−4	2.39−4
1	34	9.33−5	9.31−5	9.29−5	9.27−5	9.26−5	9.23−5	9.17−5	9.05−5	8.81−5	8.41−5	7.86−5
1	35	5.55−5	5.57−5	5.59−5	5.63−5	5.69−5	5.78−5	5.88−5	5.98−5	6.01−5	5.94−5	5.74−5
2	3	4.11−1	4.09−1	3.84−1	3.31−1	2.65−1	1.99−1	1.44−1	1.01−1	7.01−2	4.78−2	3.23−2
2	4	3.22−1	3.35−1	3.22−1	2.88−1	2.45−1	2.05−1	1.74−1	1.50−1	1.35−1	1.24−1	1.18−1
2	5	4.99−2	5.28−2	5.05−2	4.36−2	3.48−2	2.61−2	1.89−2	1.34−2	9.38−3	6.44−3	4.35−3
2	6	1.24−2	1.13−2	9.86−3	8.16−3	6.54−3	5.11−3	3.95−3	3.01−3	2.26−3	1.67−3	1.21−3
2	7	7.47−2	6.54−2	5.50−2	4.43−2	3.48−2	2.68−2	2.04−2	1.54−2	1.15−2	8.40−3	6.03−3
2	8	7.72−1	7.86−1	8.05−1	8.33−1	8.79−1	9.52−1	1.05+0	1.16+0	1.28+0	1.42+0	1.57+0
2	9	2.02−2	1.84−2	1.55−2	1.23−2	9.19−3	6.67−3	4.74−3	3.33−3	2.34−3	1.64−3	1.14−3
2	10	2.60−3	2.16−3	1.77−3	1.42−3	1.11−3	8.55−4	6.53−4	4.94−4	3.69−4	2.71−4	1.95−4
2	11	6.88−1	6.91−1	6.92−1	7.00−1	7.22−1	7.62−1	8.17−1	8.85−1	9.66−1	1.06+0	1.16+0
2	12	3.07−2	2.95−2	2.68−2	2.30−2	1.91−2	1.55−2	1.23−2	9.62−3	7.40−3	5.56−3	4.08−3
2	13	4.13−2	4.05−2	3.74−2	3.30−2	2.83−2	2.41−2	2.10−2	1.87−2	1.72−2	1.64−2	1.60−2
2	14	1.75−2	1.59−2	1.36−2	1.12−2	9.04−3	7.16−3	5.63−3	4.36−3	3.32−3	2.47−3	1.79−3
2	15	6.71−2	6.70−2	6.73−2	6.80−2	6.91−2	7.06−2	7.24−2	7.44−2	7.68−2	7.93−2	8.18−2
2	16	7.42−3	7.00−3	6.60−3	6.19−3	5.75−3	5.24−3	4.65−3	4.00−3	3.31−3	2.63−3	2.02−3
2	17	1.95−2	1.91−2	1.89−2	1.88−2	1.90−2	1.92−2	1.96−2	2.02−2	2.08−2	2.14−2	2.21−2
2	18	1.76−3	1.28−3	9.23−4	6.67−4	4.90−4	3.68−4	2.82−4	2.21−4	1.75−4	1.40−4	1.13−4
2	19	3.59−3	3.52−3	3.41−3	3.27−3	3.08−3	2.83−3	2.53−3	2.18−3	1.80−3	1.43−3	1.09−3
2	20	5.53−2	5.58−2	5.63−2	5.70−2	5.79−2	5.92−2	6.07−2	6.24−2	6.42−2	6.59−2	6.75−2
2	21	2.32−3	2.27−3	2.19−3	2.10−3	1.97−3	1.81−3	1.62−3	1.39−3	1.16−3	9.18−4	7.03−4
2	22	1.74−3	1.69−3	1.65−3	1.62−3	1.59−3	1.53−3	1.45−3	1.34−3	1.21−3	1.08−3	9.42−4
2	23	2.35−4	2.25−4	2.09−4	1.88−4	1.64−4	1.39−4	1.14−4	9.14−5	7.07−5	5.31−5	3.87−5
2	24	3.24−3	3.34−3	3.37−3	3.35−3	3.31−3	3.23−3	3.12−3	2.96−3	2.77−3	2.54−3	2.31−3
2	25	2.73−3	2.68−3	2.61−3	2.50−3	2.36−3	2.17−3	1.94−3	1.67−3	1.39−3	1.10−3	8.47−4
2	26	8.79−4	8.67−4	8.46−4	8.14−4	7.67−4	7.06−4	6.29−4	5.40−4	4.45−4	3.52−4	2.68−4
2	27	3.15−4	3.21−4	3.26−4	3.27−4	3.24−4	3.16−4	3.02−4	2.84−4	2.61−4	2.34−4	2.06−4
2	28	2.80−4	2.89−4	2.96−4	2.99−4	2.95−4	2.83−4	2.65−4	2.40−4	2.12−4	1.82−4	1.54−4

Table 5. Continued.

		log(T)										
i	j	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
2	29	4.09−5	3.96−5	3.83−5	3.65−5	3.41−5	3.10−5	2.72−5	2.30−5	1.89−5	1.50−5	1.17−5
2	30	8.58−5	8.44−5	8.27−5	8.02−5	7.67−5	7.16−5	6.49−5	5.69−5	4.81−5	3.93−5	3.12−5
2	31	1.64−5	1.60−5	1.56−5	1.50−5	1.41−5	1.29−5	1.14−5	9.60−6	7.71−6	5.91−6	4.35−6
2	32	2.01−4	1.99−4	1.96−4	1.92−4	1.87−4	1.81−4	1.75−4	1.69−4	1.63−4	1.58−4	1.54−4
2	33	3.33−5	3.31−5	3.27−5	3.20−5	3.08−5	2.91−5	2.68−5	2.42−5	2.12−5	1.80−5	1.50−5
2	34	6.58−5	6.58−5	6.47−5	6.20−5	5.76−5	5.15−5	4.41−5	3.61−5	2.82−5	2.12−5	1.53−5
2	35	1.34−5	1.31−5	1.27−5	1.20−5	1.12−5	1.01−5	8.69−6	7.19−6	5.69−6	4.31−6	3.14−6
3	4	1.26+0	1.36+0	1.32+0	1.17+0	9.65−1	7.70−1	6.10−1	4.91−1	4.08−1	3.50−1	3.11−1
3	5	3.80−1	3.62−1	3.17−1	2.56−1	1.94−1	1.40−1	9.89−2	6.86−2	4.76−2	3.28−2	2.28−2
3	6	7.89−1	8.03−1	8.20−1	8.45−1	8.91−1	9.63−1	1.06+0	1.17+0	1.30+0	1.44+0	1.59+0
3	7	3.90−1	3.71−1	3.51−1	3.34−1	3.27−1	3.31−1	3.45−1	3.67−1	3.95−1	4.28−1	4.65−1
3	8	6.43−1	6.53−1	6.61−1	6.73−1	6.98−1	7.43−1	8.08−1	8.86−1	9.77−1	1.08+0	1.19+0
3	9	8.33−1	8.37−1	8.42−1	8.55−1	8.88−1	9.48−1	1.03+0	1.13+0	1.25+0	1.38+0	1.51+0
3	10	1.46−2	1.33−2	1.20−2	1.09−2	9.99−3	9.41−3	9.14−3	9.13−3	9.33−3	9.72−3	1.03−2
3	11	5.53−1	5.54−1	5.52−1	5.53−1	5.65−1	5.90−1	6.28−1	6.76−1	7.34−1	8.01−1	8.77−1
3	12	1.60+0	1.61+0	1.61+0	1.62+0	1.66+0	1.74+0	1.86+0	2.01+0	2.19+0	2.40+0	2.62+0
3	13	1.32−1	1.31−1	1.21−1	1.06−1	8.93−2	7.41−2	6.21−2	5.28−2	4.60−2	4.14−2	3.83−2
3	14	6.02−2	5.51−2	4.91−2	4.33−2	3.84−2	3.45−2	3.16−2	2.96−2	2.84−2	2.80−2	2.81−2
3	15	8.54−2	8.35−2	8.25−2	8.21−2	8.22−2	8.27−2	8.35−2	8.46−2	8.59−2	8.74−2	8.90−2
3	16	1.58−1	1.58−1	1.59−1	1.61−1	1.64−1	1.67−1	1.72−1	1.77−1	1.84−1	1.90−1	1.97−1
3	17	1.39−2	1.22−2	1.08−2	9.75−3	8.79−3	7.88−3	6.94−3	5.96−3	4.96−3	4.01−3	3.15−3
3	18	9.62−3	8.56−3	7.68−3	6.92−3	6.24−3	5.57−3	4.88−3	4.16−3	3.44−3	2.74−3	2.11−3
3	19	8.10−2	8.15−2	8.22−2	8.30−2	8.42−2	8.58−2	8.77−2	8.98−2	9.20−2	9.41−2	9.59−2
3	20	7.06−2	7.07−2	7.09−2	7.14−2	7.22−2	7.33−2	7.47−2	7.63−2	7.81−2	8.00−2	8.17−2
3	21	5.26−2	5.31−2	5.35−2	5.38−2	5.42−2	5.46−2	5.51−2	5.56−2	5.59−2	5.61−2	5.62−2
3	22	8.08−4	7.86−4	7.58−4	7.22−4	6.76−4	6.18−4	5.49−4	4.70−4	3.87−4	3.05−4	2.32−4
3	23	7.04−3	6.90−3	6.76−3	6.61−3	6.40−3	6.09−3	5.67−3	5.14−3	4.53−3	3.91−3	3.31−3
3	24	8.87−3	8.81−3	8.72−3	8.61−3	8.49−3	8.35−3	8.20−3	8.05−3	7.91−3	7.78−3	7.69−3
3	25	9.26−3	9.10−3	8.85−3	8.49−3	8.00−3	7.37−3	6.60−3	5.70−3	4.75−3	3.79−3	2.92−3
3	26	3.10−3	3.07−3	2.99−3	2.88−3	2.71−3	2.49−3	2.22−3	1.91−3	1.58−3	1.25−3	9.60−4
3	27	7.30−4	7.49−4	7.65−4	7.70−4	7.61−4	7.35−4	6.92−4	6.37−4	5.72−4	5.01−4	4.30−4
3	28	7.10−4	7.22−4	7.31−4	7.33−4	7.23−4	7.01−4	6.67−4	6.22−4	5.68−4	5.06−4	4.42−4
3	29	4.78−4	4.86−4	4.93−4	4.93−4	4.82−4	4.60−4	4.27−4	3.86−4	3.38−4	2.89−4	2.43−4
3	30	3.57−4	3.52−4	3.45−4	3.37−4	3.25−4	3.11−4	2.93−4	2.73−4	2.53−4	2.36−4	2.22−4
3	31	2.02−4	1.99−4	1.96−4	1.92−4	1.86−4	1.79−4	1.71−4	1.63−4	1.54−4	1.46−4	1.39−4
3	32	2.44−4	2.41−4	2.38−4	2.33−4	2.25−4	2.15−4	2.03−4	1.88−4	1.74−4	1.60−4	1.47−4
3	33	2.18−4	2.16−4	2.14−4	2.09−4	2.01−4	1.91−4	1.78−4	1.62−4	1.45−4	1.28−4	1.12−4
3	34	2.15−4	2.16−4	2.13−4	2.05−4	1.91−4	1.73−4	1.49−4	1.24−4	9.97−5	7.74−5	5.88−5
3	35	4.33−5	4.24−5	4.11−5	3.92−5	3.65−5	3.31−5	2.89−5	2.43−5	1.98−5	1.57−5	1.22−5
4	5	6.92−1	6.35−1	5.39−1	4.28−1	3.18−1	2.28−1	1.59−1	1.09−1	7.47−2	5.06−2	3.42−2
4	6	5.41−2	4.13−2	3.10−2	2.27−2	1.64−2	1.16−2	8.24−3	5.84−3	4.12−3	2.91−3	2.05−3
4	7	7.09−1	6.77−1	6.49−1	6.31−1	6.32−1	6.54−1	6.95−1	7.52−1	8.20−1	8.98−1	9.82−1
4	8	1.07+0	1.08+0	1.09+0	1.11+0	1.16+0	1.24+0	1.35+0	1.49+0	1.65+0	1.82+0	2.01+0
4	9	2.63+0	2.66+0	2.69+0	2.75+0	2.87+0	3.08+0	3.36+0	3.69+0	4.08+0	4.50+0	4.96+0
4	10	1.92−2	1.70−2	1.47−2	1.24−2	1.01−2	8.11−3	6.44−3	5.04−3	3.86−3	2.91−3	2.13−3
4	11	1.12−1	1.13−1	1.09−1	1.02−1	9.44−2	8.81−2	8.42−2	8.26−2	8.32−2	8.58−2	8.98−2
4	12	6.46−1	6.51−1	6.45−1	6.38−1	6.39−1	6.56−1	6.87−1	7.30−1	7.86−1	8.52−1	9.28−1
4	13	3.24+0	3.19+0	3.14+0	3.13+0	3.18+0	3.32+0	3.54+0	3.81+0	4.14+0	4.53+0	4.96+0
4	14	7.12−2	6.46−2	5.64−2	4.78−2	3.95−2	3.23−2	2.60−2	2.07−2	1.62−2	1.25−2	9.44−3
4	15	2.03−2	1.63−2	1.32−2	1.10−2	9.56−3	8.61−3	8.01−3	7.65−3	7.46−3	7.38−3	7.38−3
4	16	7.52−2	7.24−2	7.03−2	6.90−2	6.84−2	6.82−2	6.85−2	6.90−2	6.98−2	7.08−2	7.19−2
4	17	2.71−2	2.35−2	2.07−2	1.85−2	1.66−2	1.49−2	1.33−2	1.16−2	9.99−3	8.46−3	7.09−3
4	18	2.86−1	2.87−1	2.88−1	2.91−1	2.95−1	3.01−1	3.08−1	3.16−1	3.26−1	3.36−1	3.46−1
4	19	6.61−3	5.85−3	5.26−3	4.78−3	4.35−3	3.94−3	3.50−3	3.03−3	2.54−3	2.06−3	1.62−3
4	20	1.89−2	1.76−2	1.65−2	1.56−2	1.47−2	1.38−2	1.27−2	1.15−2	1.02−2	8.86−3	7.58−3
4	21	1.50−1	1.52−1	1.53−1	1.54−1	1.55−1	1.57−1	1.60−1	1.63−1	1.66−1	1.69−1	1.71−1
4	22	2.63−2	2.64−2	2.66−2	2.69−2	2.73−2	2.78−2	2.85−2	2.92−2	3.01−2	3.10−2	3.18−2
4	23	7.97−2	8.00−2	8.06−2	8.14−2	8.25−2	8.41−2	8.60−2	8.81−2	9.05−2	9.30−2	9.53−2
4	24	1.32−1	1.33−1	1.34−1	1.35−1	1.37−1	1.39−1	1.41−1	1.44−1	1.47−1	1.50−1	1.53−1
4	25	1.91−2	1.88−2	1.83−2	1.76−2	1.66−2	1.53−2	1.37−2	1.19−2	9.88−3	7.92−3	6.13−3

Table 5. Continued.

		log(T)										
i	j	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
4	26	7.07−3	6.98−3	6.82−3	6.56−3	6.19−3	5.70−3	5.08−3	4.37−3	3.61−3	2.86−3	2.18−3
4	27	3.28−4	3.32−4	3.36−4	3.34−4	3.26−4	3.10−4	2.87−4	2.58−4	2.26−4	1.93−4	1.62−4
4	28	9.23−4	9.41−4	9.56−4	9.58−4	9.43−4	9.06−4	8.50−4	7.77−4	6.93−4	6.04−4	5.16−4
4	29	1.92−3	1.96−3	2.00−3	2.01−3	1.99−3	1.92−3	1.82−3	1.69−3	1.53−3	1.35−3	1.17−3
4	30	5.06−4	5.00−4	4.91−4	4.78−4	4.60−4	4.36−4	4.06−4	3.71−4	3.34−4	2.99−4	2.66−4
4	31	5.83−5	5.84−5	5.83−5	5.76−5	5.60−5	5.34−5	4.97−5	4.50−5	3.97−5	3.41−5	2.87−5
4	32	3.79−4	3.78−4	3.75−4	3.69−4	3.58−4	3.43−4	3.24−4	3.01−4	2.76−4	2.51−4	2.27−4
4	33	7.37−4	7.29−4	7.17−4	7.00−4	6.75−4	6.42−4	6.03−4	5.58−4	5.13−4	4.71−4	4.36−4
4	34	3.48−4	3.48−4	3.42−4	3.29−4	3.06−4	2.74−4	2.34−4	1.92−4	1.51−4	1.13−4	8.23−5
4	35	7.50−5	7.34−5	7.11−5	6.77−5	6.29−5	5.66−5	4.89−5	4.05−5	3.21−5	2.43−5	1.78−5
5	6	3.05−2	2.84−2	2.58−2	2.32−2	2.10−2	1.97−2	1.92−2	1.94−2	2.02−2	2.14−2	2.29−2
5	7	1.57+0	1.56+0	1.54+0	1.52+0	1.56+0	1.65+0	1.80+0	2.00+0	2.24+0	2.50+0	2.77+0
5	8	6.73−2	6.25−2	5.48−2	4.59−2	3.74−2	3.01−2	2.44−2	2.00−2	1.69−2	1.47−2	1.31−2
5	9	4.39−1	4.20−1	4.00−1	3.85−1	3.81−1	3.92−1	4.17−1	4.53−1	4.97−1	5.47−1	6.01−1
5	10	9.84−1	9.97−1	1.01+0	1.03+0	1.07+0	1.15+0	1.26+0	1.39+0	1.54+0	1.70+0	1.88+0
5	11	8.13−2	7.14−2	6.04−2	4.96−2	4.01−2	3.24−2	2.62−2	2.14−2	1.76−2	1.46−2	1.24−2
5	12	1.13−1	1.00−1	8.53−2	7.06−2	5.77−2	4.70−2	3.83−2	3.13−2	2.56−2	2.10−2	1.75−2
5	13	1.64−1	1.42−1	1.18−1	9.63−2	7.70−2	6.09−2	4.78−2	3.71−2	2.84−2	2.12−2	1.56−2
5	14	4.78+0	4.61+0	4.50+0	4.51+0	4.65+0	4.91+0	5.28+0	5.74+0	6.27+0	6.88+0	7.55+0
5	15	3.13−2	2.97−2	2.83−2	2.72−2	2.63−2	2.56−2	2.51−2	2.47−2	2.43−2	2.41−2	2.40−2
5	16	2.13−2	1.95−2	1.78−2	1.62−2	1.46−2	1.31−2	1.14−2	9.71−3	7.97−3	6.32−3	4.86−3
5	17	1.69−1	1.67−1	1.66−1	1.66−1	1.68−1	1.71−1	1.76−1	1.81−1	1.88−1	1.95−1	2.01−1
5	18	2.68−2	2.53−2	2.36−2	2.19−2	2.01−2	1.81−2	1.59−2	1.36−2	1.11−2	8.76−3	6.65−3
5	19	6.69−3	6.26−3	5.81−3	5.35−3	4.87−3	4.38−3	3.85−3	3.29−3	2.72−3	2.18−3	1.70−3
5	20	1.81−2	1.74−2	1.67−2	1.60−2	1.53−2	1.46−2	1.40−2	1.34−2	1.28−2	1.23−2	1.18−2
5	21	1.73−2	1.64−2	1.53−2	1.42−2	1.31−2	1.18−2	1.04−2	8.84−3	7.27−3	5.76−3	4.40−3
5	22	2.47−3	2.33−3	2.16−3	1.99−3	1.81−3	1.62−3	1.42−3	1.20−3	9.82−4	7.73−4	5.87−4
5	23	7.82−3	7.39−3	6.87−3	6.31−3	5.72−3	5.10−3	4.44−3	3.76−3	3.07−3	2.41−3	1.83−3
5	24	1.42−2	1.34−2	1.25−2	1.16−2	1.06−2	9.61−3	8.53−3	7.42−3	6.31−3	5.26−3	4.33−3
5	25	1.83−1	1.82−1	1.81−1	1.80−1	1.80−1	1.81−1	1.83−1	1.84−1	1.85−1	1.86−1	1.86−1
5	26	1.01−1	1.02−1	1.02−1	1.03−1	1.05−1	1.07−1	1.09−1	1.12−1	1.16−1	1.19−1	1.22−1
5	27	2.08−4	1.90−4	1.75−4	1.60−4	1.46−4	1.31−4	1.14−4	9.61−5	7.78−5	6.06−5	4.56−5
5	28	2.94−4	2.69−4	2.48−4	2.28−4	2.08−4	1.87−4	1.63−4	1.37−4	1.11−4	8.63−5	6.48−5
5	29	3.98−4	3.59−4	3.27−4	2.99−4	2.71−4	2.43−4	2.11−4	1.78−4	1.43−4	1.11−4	8.33−5
5	30	1.88−3	1.86−3	1.84−3	1.83−3	1.81−3	1.81−3	1.81−3	1.84−3	1.90−3	1.98−3	2.08−3
5	31	6.79−5	6.56−5	6.33−5	6.07−5	5.75−5	5.32−5	4.78−5	4.14−5	3.45−5	2.79−5	2.20−5
5	32	1.99−4	1.94−4	1.88−4	1.80−4	1.70−4	1.57−4	1.40−4	1.20−4	9.85−5	7.73−5	5.82−5
5	33	1.56−3	1.54−3	1.53−3	1.51−3	1.50−3	1.49−3	1.49−3	1.51−3	1.55−3	1.61−3	1.69−3
5	34	3.64−3	3.76−3	3.85−3	3.88−3	3.85−3	3.76−3	3.61−3	3.42−3	3.22−3	3.02−3	2.84−3
5	35	8.12−4	8.08−4	8.04−4	8.03−4	8.10−4	8.32−4	8.73−4	9.36−4	1.02−3	1.13−3	1.26−3
6	7	9.37−2	9.03−2	8.49−2	7.78−2	7.04−2	6.37−2	5.81−2	5.36−2	5.00−2	4.71−2	4.47−2
6	8	1.85−1	2.02−1	1.96−1	1.73−1	1.41−1	1.08−1	8.15−2	5.96−2	4.27−2	3.06−2	2.16−2
6	9	9.05−2	9.00−2	8.69−2	8.19−2	7.63−2	7.13−2	6.76−2	6.50−2	6.33−2	6.23−2	6.15−2
6	10	1.31−2	1.48−2	1.44−2	1.24−2	9.77−3	7.14−3	5.03−3	3.46−3	2.32−3	1.54−3	1.02−3
6	11	9.68−2	9.54−2	8.57−2	6.99−2	5.29−2	3.81−2	2.65−2	1.80−2	1.21−2	8.08−3	5.35−3
6	12	1.82−1	1.81−1	1.63−1	1.34−1	1.02−1	7.33−2	5.08−2	3.46−2	2.31−2	1.55−2	1.06−2
6	13	7.65−2	7.19−2	6.08−2	4.71−2	3.41−2	2.36−2	1.58−2	1.04−2	6.74−3	4.36−3	2.79−3
6	14	4.80−2	4.06−2	3.26−2	2.52−2	1.90−2	1.42−2	1.07−2	8.23−3	6.50−3	5.28−3	4.42−3
6	15	7.66−2	5.43−2	3.94−2	2.94−2	2.25−2	1.75−2	1.38−2	1.08−2	8.30−3	6.26−3	4.60−3
6	16	3.54−2	3.00−2	2.60−2	2.32−2	2.13−2	2.02−2	1.98−2	1.98−2	2.02−2	2.11−2	2.22−2
6	17	2.25−2	1.83−2	1.51−2	1.27−2	1.07−2	9.11−3	7.66−3	6.30−3	5.05−3	3.91−3	2.94−3
6	18	7.35−3	6.05−3	5.04−3	4.26−3	3.64−3	3.11−3	2.62−3	2.17−3	1.74−3	1.36−3	1.02−3
6	19	1.32+0	1.37+0	1.42+0	1.48+0	1.55+0	1.65+0	1.77+0	1.91+0	2.08+0	2.27+0	2.48+0
6	20	1.40−2	1.37−2	1.32−2	1.26−2	1.17−2	1.06−2	9.30−3	7.88−3	6.42−3	5.03−3	3.80−3
6	21	9.14−3	9.04−3	8.90−3	8.72−3	8.52−3	8.31−3	8.11−3	7.91−3	7.76−3	7.66−3	7.63−3
6	22	9.89−4	9.62−4	9.21−4	8.66−4	7.99−4	7.19−4	6.28−4	5.30−4	4.31−4	3.37−4	2.55−4
6	23	3.89−3	3.87−3	3.73−3	3.47−3	3.16−3	2.83−3	2.51−3	2.21−3	1.95−3	1.73−3	1.56−3
6	24	3.36−3	3.29−3	3.15−3	2.95−3	2.71−3	2.44−3	2.13−3	1.81−3	1.49−3	1.19−3	9.16−4
6	25	6.05−3	5.92−3	5.70−3	5.40−3	5.01−3	4.54−3	4.00−3	3.40−3	2.80−3	2.22−3	1.72−3
6	26	9.27−3	9.21−3	9.12−3	9.08−3	9.12−3	9.27−3	9.50−3	9.85−3	1.03−2	1.10−2	1.18−2

Table 5. Continued.

		log(T)										
i	j	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
6	27	4.27−3	4.57−3	4.84−3	5.01−3	5.02−3	4.87−3	4.57−3	4.15−3	3.65−3	3.13−3	2.62−3
6	28	2.80−4	2.71−4	2.64−4	2.55−4	2.42−4	2.23−4	2.00−4	1.74−4	1.46−4	1.19−4	9.43−5
6	29	1.34−4	1.27−4	1.22−4	1.17−4	1.11−4	1.03−4	9.32−5	8.20−5	7.03−5	5.91−5	4.90−5
6	30	5.62−4	5.83−4	5.98−4	6.00−4	5.87−4	5.59−4	5.16−4	4.62−4	4.01−4	3.37−4	2.76−4
6	31	1.75−3	1.70−3	1.65−3	1.61−3	1.56−3	1.51−3	1.43−3	1.34−3	1.22−3	1.10−3	9.76−4
6	32	1.43−4	1.39−4	1.35−4	1.30−4	1.23−4	1.13−4	9.92−5	8.35−5	6.70−5	5.13−5	3.77−5
6	33	1.78−4	1.84−4	1.87−4	1.87−4	1.82−4	1.72−4	1.58−4	1.41−4	1.22−4	1.03−4	8.47−5
6	34	1.87−4	1.88−4	1.85−4	1.78−4	1.66−4	1.49−4	1.29−4	1.06−4	8.48−5	6.55−5	4.97−5
6	35	8.21−5	8.24−5	8.26−5	8.25−5	8.17−5	7.96−5	7.59−5	7.08−5	6.45−5	5.77−5	5.10−5
7	8	2.78−1	2.76−1	2.57−1	2.25−1	1.88−1	1.53−1	1.23−1	1.00−1	8.22−2	6.85−2	5.83−2
7	9	1.29+0	1.26+0	1.16+0	9.97−1	8.12−1	6.42−1	5.06−1	4.04−1	3.31−1	2.82−1	2.48−1
7	10	2.09−1	2.10−1	2.07−1	2.02−1	1.98−1	1.95−1	1.93−1	1.93−1	1.94−1	1.95−1	1.96−1
7	11	3.63−1	3.33−1	2.83−1	2.23−1	1.65−1	1.17−1	7.99−2	5.39−2	3.59−2	2.36−2	1.54−2
7	12	3.78−1	3.76−1	3.37−1	2.74−1	2.08−1	1.50−1	1.04−1	7.10−2	4.76−2	3.17−2	2.10−2
7	13	5.25−1	4.99−1	4.34−1	3.49−1	2.63−1	1.89−1	1.32−1	9.02−2	6.09−2	4.08−2	2.73−2
7	14	1.85+0	1.68+0	1.41+0	1.11+0	8.24−1	5.89−1	4.13−1	2.88−1	2.01−1	1.42−1	1.02−1
7	15	3.46−1	3.48−1	3.53−1	3.61−1	3.74−1	3.92−1	4.15−1	4.41−1	4.72−1	5.09−1	5.50−1
7	16	1.19−1	1.09−1	1.01−1	9.41−2	8.82−2	8.31−2	7.82−2	7.36−2	6.96−2	6.66−2	6.47−2
7	17	1.76+0	1.83+0	1.90+0	1.98+0	2.09+0	2.23+0	2.40+0	2.60+0	2.83+0	3.09+0	3.37+0
7	18	9.58−2	8.72−2	7.94−2	7.21−2	6.52−2	5.84−2	5.15−2	4.45−2	3.76−2	3.13−2	2.59−2
7	19	2.94−2	2.73−2	2.53−2	2.33−2	2.13−2	1.94−2	1.76−2	1.58−2	1.42−2	1.28−2	1.16−2
7	20	6.03−2	5.71−2	5.38−2	5.04−2	4.73−2	4.43−2	4.16−2	3.91−2	3.71−2	3.57−2	3.49−2
7	21	8.27−1	8.54−1	8.75−1	9.00−1	9.38−1	9.90−1	1.06+0	1.13+0	1.23+0	1.33+0	1.46+0
7	22	5.99−3	5.62−3	5.15−3	4.63−3	4.10−3	3.57−3	3.04−3	2.52−3	2.03−3	1.58−3	1.19−3
7	23	9.14−2	9.33−2	9.42−2	9.51−2	9.70−2	1.00−1	1.05−1	1.11−1	1.18−1	1.27−1	1.38−1
7	24	2.65−1	2.73−1	2.77−1	2.83−1	2.92−1	3.05−1	3.22−1	3.44−1	3.70−1	4.01−1	4.36−1
7	25	1.67+0	1.67+0	1.67+0	1.69+0	1.73+0	1.80+0	1.90+0	2.02+0	2.18+0	2.37+0	2.59+0
7	26	4.42−2	4.46−2	4.41−2	4.30−2	4.20−2	4.13−2	4.12−2	4.18−2	4.30−2	4.49−2	4.74−2
7	27	3.38−3	3.16−3	2.98−3	2.81−3	2.62−3	2.41−3	2.16−3	1.88−3	1.58−3	1.29−3	1.02−3
7	28	5.10−3	4.78−3	4.52−3	4.27−3	4.01−3	3.69−3	3.31−3	2.88−3	2.41−3	1.95−3	1.53−3
7	29	8.82−3	8.47−3	8.22−3	7.95−3	7.61−3	7.14−3	6.54−3	5.82−3	5.04−3	4.25−3	3.51−3
7	30	2.60−2	2.61−2	2.62−2	2.64−2	2.67−2	2.69−2	2.71−2	2.73−2	2.75−2	2.77−2	2.78−2
7	31	6.19−4	6.10−4	5.99−4	5.81−4	5.54−4	5.16−4	4.66−4	4.06−4	3.41−4	2.76−4	2.16−4
7	32	1.71−3	1.69−3	1.65−3	1.60−3	1.53−3	1.42−3	1.28−3	1.11−3	9.27−4	7.43−4	5.73−4
7	33	1.40−2	1.41−2	1.42−2	1.43−2	1.45−2	1.47−2	1.50−2	1.53−2	1.56−2	1.60−2	1.63−2
7	34	8.53−2	8.67−2	8.83−2	9.00−2	9.18−2	9.37−2	9.58−2	9.82−2	1.01−1	1.04−1	1.07−1
7	35	2.89−3	2.91−3	2.95−3	3.01−3	3.08−3	3.18−3	3.29−3	3.42−3	3.57−3	3.71−3	3.84−3
8	9	6.44−1	6.72−1	6.46−1	5.80−1	4.96−1	4.15−1	3.49−1	2.98−1	2.61−1	2.35−1	2.17−1
8	10	2.34−2	2.37−2	2.20−2	1.88−2	1.50−2	1.14−2	8.43−3	6.10−3	4.34−3	3.04−3	2.08−3
8	11	4.58−1	4.87−1	4.60−1	3.88−1	2.98−1	2.15−1	1.50−1	1.01−1	6.70−2	4.45−2	2.94−2
8	12	4.05−1	4.10−1	3.71−1	3.04−1	2.30−1	1.64−1	1.14−1	7.65−2	5.06−2	3.35−2	2.21−2
8	13	6.14−1	5.96−1	5.27−1	4.24−1	3.19−1	2.26−1	1.55−1	1.03−1	6.82−2	4.48−2	2.94−2
8	14	1.41−1	1.23−1	9.99−2	7.66−2	5.61−2	3.99−2	2.79−2	1.93−2	1.34−2	9.13−3	6.21−3
8	15	1.44−1	1.11−1	8.70−2	6.98−2	5.80−2	5.00−2	4.47−2	4.14−2	3.96−2	3.89−2	3.91−2
8	16	7.59−2	6.20−2	5.07−2	4.18−2	3.48−2	2.92−2	2.45−2	2.04−2	1.69−2	1.39−2	1.15−2
8	17	1.56−1	1.35−1	1.19−1	1.09−1	1.03−1	1.01−1	1.01−1	1.02−1	1.05−1	1.10−1	1.17−1
8	18	9.00−2	7.23−2	5.89−2	4.93−2	4.26−2	3.81−2	3.50−2	3.31−2	3.21−2	3.18−2	3.22−2
8	19	2.66−1	2.74−1	2.81−1	2.89−1	3.00−1	3.16−1	3.35−1	3.59−1	3.86−1	4.19−1	4.56−1
8	20	2.18+0	2.27+0	2.35+0	2.44+0	2.57+0	2.73+0	2.93+0	3.17+0	3.44+0	3.75+0	4.10+0
8	21	3.90−2	3.82−2	3.72−2	3.59−2	3.44−2	3.26−2	3.07−2	2.86−2	2.67−2	2.49−2	2.35−2
8	22	3.52−1	3.66−1	3.77−1	3.90−1	4.09−1	4.34−1	4.65−1	5.01−1	5.45−1	5.96−1	6.52−1
8	23	7.69−1	7.99−1	8.23−1	8.51−1	8.91−1	9.45−1	1.01+0	1.09+0	1.19+0	1.29+0	1.42+0
8	24	4.36−1	4.52−1	4.64−1	4.79−1	5.00−1	5.28−1	5.63−1	6.05−1	6.54−1	7.12−1	7.77−1
8	25	1.97−2	1.93−2	1.86−2	1.76−2	1.63−2	1.48−2	1.30−2	1.10−2	8.95−3	7.02−3	5.32−3
8	26	9.95−3	9.81−3	9.53−3	9.13−3	8.61−3	8.00−3	7.32−3	6.59−3	5.90−3	5.29−3	4.82−3
8	27	4.64−3	4.93−3	5.19−3	5.34−3	5.34−3	5.17−3	4.84−3	4.39−3	3.86−3	3.30−3	2.76−3
8	28	8.82−3	9.40−3	9.92−3	1.02−2	1.02−2	9.92−3	9.30−3	8.44−3	7.43−3	6.37−3	5.34−3
8	29	6.56−4	6.35−4	6.17−4	5.96−4	5.67−4	5.27−4	4.75−4	4.15−4	3.51−4	2.89−4	2.34−4
8	30	9.52−4	9.73−4	9.84−4	9.78−4	9.50−4	8.97−4	8.21−4	7.27−4	6.23−4	5.16−4	4.17−4
8	31	1.52−4	1.45−4	1.39−4	1.32−4	1.24−4	1.14−4	9.97−5	8.38−5	6.71−5	5.13−5	3.77−5