Table 5.3.16a. The 16 fine-structure n = 1, 2, 3 and 4 levels included in the calculation (96K1) and their theoretical energies in rydbergs for Fe XXVI. The index i is used in Table 5.3.16b for transition keys.

i	Level	Energy	i	Level	Energy
1	$1s_{1/2}$	0.00000	9	$3d_{5/2}$	606.70381
2	$2p_{1/2}$	510.95198	10	$4p_{1/2}$	639.32572
3	$2s_{1/2}$	510.99499	11	$4s_{1/2}$	639.33120
4	$2p_{3/2}$	512.51098	12	$4d_{3/2}$	639.52024
5	$3p_{1/2}$	606.09088	13	$4p_{3/2}$	639.52059
6	$3s_{1/2}$	606.10384	14	$4f_{5/2}$	639.58408
7	$3d_{3/2}$	606.55231	15	$4d_{5/2}$	639.58420
8	$3p_{3/2}$	606.55314	16	$4f_{7/2}$	639.61593

Table 5.3.16b. The effective collision strengths $\Upsilon(i,j)$ as a function of temperature T(K) for transitions among the 16 n = 1, 2, 3 and 4 levels as specified in Table 5.3.16a for Fe XXVI (96K1).

Levels		log T(K)				Levels		log T(K)			
i	j	6.0	6.5	7.0	7.5	i	j	6.0	6.5	7.0	7.5
1	2	1.49[-3]	1.65[-3]	1.74[-3]	1.64[-3]	5	9	5.34[-2]	5.56[-2]	3.58[-2]	2.01[-2]
1	3	1.14[-3]	1.43[-3]	1.42[-3]	1.18[-3]	5	10	5.93[-2]	5.98[-2]	6.09[-2]	5.25[-2]
1	4	3.03[-3]	3.67[-3]	3.66[-3]	3.30[-3]	5	11	7.38[-3]	6.34[-3]	6.05[-3]	6.11[-3]
1	5	3.59[-4]	3.66[-4]	3.52[-4]	3.02[-4]	5	12	7.53[-2]	8.57[-2]	1.16[-1]	1.31[-1]
1	6	2.79[-4]	2.84[-4]	2.61[-4]	2.11[-4]	5	13	1.21[-2]	1.08[-2]	9.98[-3]	8.63[-3]
1	7	1.15[-4]	1.17[-4]	8.74[-5]	5.64[-5]	5	14	8.09[-2]	8.51[-2]	9.54[-2]	9.08[-2]
1	8	6.81[-4]	6.90[-4]	6.74[-4]	5.89[-4]	5	15	1.82[-2]	1.52[-2]	1.21[-2]	9.06[-3]
1	9	1.64[-4]	1.67[-4]	1.24[-4]	8.03[-5]	5	16	2.23[-2]	1.71[-2]	1.24[-2]	8.78[-3]
1	10	1.87[-4]	1.61[-4]	1.40[-4]	1.12[-4]	6	7	9.08[-2]	9.26[-2]	7.76[-2]	5.84[-2]
1	11	1.63[-4]	1.30[-4]	1.05[-4]	7.93[-5]	6	9	1.39[-1]	1.40[-1]	1.17[-1]	8.81[-2]
1	12	7.15[-5]	5.38[-5]	3.83[-5]	2.54[-5]	6	10	1.47[-2]	1.65[-2]	2.29[-2]	2.75[-2]
1	13	2.80[-4]	2.66[-4]	2.56[-4]	2.16[-4]	6	11	5.83[-2]	5.90[-2]	6.07[-2]	5.28[-2]
1	14	2.46[-5]	1.44[-5]	6.55[-6]	2.82[-6]	6	12	2.86[-2]	2.98[-2]	3.35[-2]	3.22[-2]
1	15	7.82[-5]	6.28[-5]	4.92[-5]	3.46[-5]	6	13	2.42[-2]	2.81[-2]	4.11[-2]	5.05[-2]
1	16	2.31[-5]	1.39[-5]	6.65[-6]	3.03[-6]	6	14	3.13[-2]	2.94[-2]	2.77[-2]	2.28[-2]
2	4	2.92[-2]	4.14[-2]	4.02[-2]	2.67[-2]	6	15	4.26[-2]	4.45[-2]	5.00[-2]	4.08[-2]
2	5	1.36[-2]	1.42[-2]	1.39[-2]	1.19[-2]	6	16	4.18[-2]	3.90[-2]	3.68[-2]	3.04[-2]
2	6	1.97[-3]	2.19[-3]	1.67[-3]	1.17[-3]	7	9	2.06[-1]	2.15[-1]	1.35[-1]	7.06[-2]
2	7	4.60[-2]	4.97[-2]	5.66[-2]	5.86[-2]	7	10	1.29[-2]	1.06[-2]	8.70[-3]	7.34[-3]
2	8	5.49[-3]	5.59[-3]	4.27[-3]	2.84[-3]	7	11	8.42[-3]	6.26[-3]	4.17[-3]	2.80[-3]
2	9	1.01[-2]	1.00[-2]	7.33[-3]	4.49[-3]	7	12	1.27[-1]	1.23[-1]	1.20[-1]	1.01[-1]
2	10	3.36[-3]	3.06[-3]	2.77[-3]	2.24[-3]	7	13	1.75[-2]	1.27[-2]	7.87[-3]	4.86[-3]
2	11	1.19[-3]	8.17[-4]	4.95[-4]	3.03[-4]	7	14	5.02[-1]	5.44[-1]	6.55[-1]	6.76[-1]
2	12	9.27[-3]	9.27[-3]	1.00[-2]	9.55[-3]	7	15	3.43[-2]	2.46[-2]	1.52[-2]	8.94[-3]
2	13	2.09[-3]	1.68[-3]	1.18[-3]	7.47[-4]	7	16	5.64[-2]	4.05[-2]	2.46[-2]	1.39[-2]
2	14	2.58[-3]	2.17[-3]	1.94[-3]	1.73[-3]	8	10	1.23[-2]	1.12[-2]	1.06[-2]	9.42[-3]
2	15	3.28[-3]	2.65[-3]	1.84[-3]	1.08[-3]	8	11	1.16[-2]	1.05[-2]	1.17[-2]	1.28[-2]
2	16	1.96[-3]	1.41[-3]	8.65[-4]	4.72[-4]	8	12	3.85[-2]	3.72[-2]	3.98[-2]	3.92[-2]
3	5	5.20[-3]	5.86[-3]	6.79[-3]	7.43[-3]	8	13	1.28[-1]	1.29[-1]	1.32[-1]	1.15[-1]
3	6	1.26[-2]	1.31[-2]	1.34[-2]	1.19[-2]	8	14	5.30[-2]	4.73[-2]	4.41[-2]	3.79[-2]
3	7	1.13[-2]	1.19[-2]	1.21[-2]	1.12[-2]	8	15	1.58[-1]	1.76[-1]	2.29[-1]	2.55[-1]
3	8	9.34[-3]	1.04[-2]	1.23[-2]	1.37[-2]	8	16	1.59[-1]	1.61[-1]	1.76[-1]	1.65[-1]
3	9	1.63[-2]	1.71[-2]	1.78[-2]	1.66[-2]	9	10	1.13[-2]	8.11[-3]	4.90[-3]	2.82[-3]
3	10	1.85[-3]	1.60[-3]	1.55[-3]	1.48[-3]	9	11	1.20[-2]	9.12[-3]	6.21[-3]	4.22[-3]
3	11	3.16[-3]	2.87[-3]	2.69[-3]	2.26[-3]	9	12	3.39[-2]	2.43[-2]	1.51[-2]	9.01[-3]
3	12	2.68[-3]	2.28[-3]	2.00[-3]	1.62[-3]	9	13	3.18[-2]	2.50[-2]	1.92[-2]	1.51[-2]
3	13	2.85[-3]	2.66[-3]	2.79[-3]	2.77[-3]	9	14	9.75[-2]	8.27[-2]	7.35[-2]	6.35[-2]
3	14	2.02[-3]	1.61[-3]	1.31[-3]	1.02[-3]	9	15	2.11[-1]	2.03[-1]	1.91[-1]	1.58[-1]
3	15	3.70[-3]	3.26[-3]	2.94[-3]	2.43[-3]	9	16	7.73[-1]	8.25[-1]	9.96[-1]	9.84[-1]
3	16	2.46[-3]	2.02[-3]	1.70[-3]	1.33[-3]	10	13	4.17[-1]	3.87[-1]	3.56[-1]	2.83[-1]
4	5	5.85[-3]	5.93[-3]	4.52[-3]	3.04[-3]	10	14	2.99[-1]	2.64[-1]	2.29[-1]	1.78[-1]
4	6	3.91[-3]	4.12[-3]	3.18[-3]	2.35[-3]	10	15	1.01[-1]	8.11[-2]	6.60[-2]	5.22[-2]
4	7	2.25[-2]	2.34[-2]	2.13[-2]	1.79[-2]	10	16	9.93[-2]	6.36[-2]	3.49[-2]	1.98[-2]
4	8	3.29[-2]	3.38[-2]	3.20[-2]	2.68[-2]	11	12	3.36[-1]	3.13[-1]	2.87[-1]	2.27[-1]
4	9	9.40[-2]	1.01[-1]	1.12[-1]	1.13[-1]	11	14	8.65[-2]	6.23[-2]	4.14[-2]	2.84[-2]
4	10	2.28[-3]	1.79[-3]	1.24[-3]	7.80[-4]	11	15	5.06[-1]	4.72[-1]	4.33[-1]	3.43[-1]
4	11	1.78[-3]	1.30[-3]	8.69[-4]	5.72[-4]	11	16	1.17[-1]	8.91[-2]	5.86[-2]	3.92[-2]
4	12	6.12[-3]	5.22[-3]	4.33[-3]	3.28[-3]	12	15	3.42[-1]	2.66[-1]	2.00[-1]	1.44[-1]
4	13	7.95[-3]	7.26[-3]	6.54[-3]	5.21[-3]	12	16	2.56[-1]	1.55[-1]	7.75[-2]	4.00[-2]
4	14	3.66[-3]	2.71[-3]	1.82[-3]	1.18[-3]	13	14	2.30[-1]	1.68[-1]	1.14[-1]	7.71[-2]
4	15	1.95[-2]	1.91[-2]	1.99[-2]	1.85[-2]	13	16	6.04[-1]	5.17[-1]	4.26[-1]	3.20[-1]