

AM-96-618

7137

Orthopyroxene from the Serra de Magé meteorite: A structure-refinement procedure for a *Pbca* phase coexisting with a *C2/c* exsolved phase

M. Chiara Domeneghetti, Vittorio Tazzoli, Tiziana Boffa Ballaran, and G. Mario Molin

For deposit: Tables 4 and 5

81 July-August 1996

842-846

TABLE 4. Observed and calculated structure factors for orthopyroxene SDM N.13 natural

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
2	0	0*	1.1	4.1	-3.0	2	4	0	10.5	11.0	-.5	10	8	0	33.7	33.6	.1
4	0	0	74.9	76.6	-1.7	4	4	0	113.7	116.6	-2.8	12	8	0	32.5	33.0	-.5
6	0	0	28.4	30.1	-1.7	6	4	0*	4.9	.3	4.6	14	8	0*	4.8	.3	4.6
8	0	0	11.9	8.1	3.8	8	4	0	33.3	32.4	.9	16	8	0	60.3	58.8	1.5
10	0	0	6.9	6.4	.5	10	4	0	47.6	47.8	-.2	18	8	0*	.0	3.8	-3.8
12	0	0	205.2	210.9	-5.7	12	4	0	45.5	44.9	.6	2	9	0	35.0	35.0	.0
14	0	0	40.1	41.7	-1.6	14	4	0*	.0	1.2	-1.2	4	9	0*	6.6	7.0	-.5
16	0	0	138.2	141.9	-3.7	16	4	0	89.4	89.0	.4	6	9	0	14.5	12.5	2.0
18	0	0	13.6	13.1	.5	18	4	0*	4.1	3.5	.6	8	9	0	24.7	24.9	-.2
20	0	0	146.1	148.6	-2.5	20	4	0	32.6	34.7	-2.1	10	9	0	41.5	41.8	-.3
22	0	0	20.0	21.1	-1.1	22	4	0	28.2	27.5	.8	12	9	0*	.0	4.3	-4.3
24	0	0	28.6	29.6	-1.0	24	4	0	40.8	40.6	.1	14	9	0*	6.0	2.2	3.8
2	1	0	11.2	9.8	1.3	2	5	0	157.5	159.7	-2.2	16	9	0*	4.4	3.8	.6
4	1	0	10.8	11.2	-.3	4	5	0	7.6	7.4	.2	0	10	0	51.1	52.5	-1.5
6	1	0	187.8	188.8	-1.0	6	5	0	131.4	136.4	-5.0	2	10	0	16.0	16.3	-.3
8	1	0*	5.1	3.9	1.1	8	5	0	19.0	18.2	.8	4	10	0	41.5	40.8	.6
10	1	0	96.7	99.0	-2.3	10	5	0	48.7	50.3	-1.6	6	10	0*	.8	.5	.3
12	1	0*	2.9	2.2	.7	12	5	0	18.6	18.3	.3	8	10	0	33.6	32.2	1.3
14	1	0	87.7	93.4	-5.8	14	5	0	186.9	185.7	1.1	10	10	0*	.0	2.0	-2.0
16	1	0	7.8	7.2	.6	16	5	0	9.3	8.6	.8	12	10	0*	6.1	5.6	.4
18	1	0	25.7	25.5	.2	18	5	0	50.1	49.8	.3	14	10	0*	5.4	1.9	3.5
20	1	0	17.2	17.9	-.8	20	5	0	33.3	32.9	.4	2	11	0	83.0	81.6	1.5
22	1	0	18.4	19.2	-.8	22	5	0	14.7	18.7	-4.0	4	11	0	23.5	24.0	-.5
24	1	0	23.1	23.4	-.2	0	6	0	330.6	335.0	-4.3	6	11	0	95.9	93.0	2.9
0	2	0	.0	2.0	-2.0	2	6	0	20.7	21.3	-.6	8	11	0*	.0	2.6	-2.6
2	2	0	5.1	4.8	.3	4	6	0	39.9	41.3	-1.4	10	11	0	20.8	19.8	1.0
4	2	0	193.8	191.9	1.9	6	6	0	20.6	21.4	-.8	12	11	0*	.0	4.5	-4.5
6	2	0	20.0	21.2	-1.2	8	6	0	81.2	81.6	-.4	0	12	0	114.6	112.2	2.4
8	2	0	90.2	91.8	-1.6	10	6	0	17.3	17.6	-.3	2	12	0*	8.3	8.1	.2
10	2	0	31.6	33.1	-1.5	12	6	0	102.8	103.5	-.7	4	12	0	12.8	14.0	-1.2
12	2	0	26.5	28.6	-2.1	14	6	0	30.1	31.3	-1.2	6	12	0*	.0	6.5	-6.5
14	2	0*	7.6	6.1	1.6	16	6	0	69.0	66.9	2.1	1	1	1	20.4	19.3	1.1
16	2	0	84.7	85.4	-.7	18	6	0	15.3	15.1	.2	2	1	1	66.1	65.0	1.1
18	2	0	18.9	19.2	-.4	20	6	0	133.5	130.9	2.6	3	1	1	24.1	23.2	.9
20	2	0	28.8	28.8	.0	22	6	0*	.0	6.8	-6.8	4	1	1	54.0	54.5	-.5
22	2	0	22.4	22.2	.3	2	7	0	38.7	39.8	-1.1	5	1	1	105.0	106.2	-1.2
24	2	0	46.8	44.7	2.1	4	7	0	45.9	47.2	-1.3	6	1	1	77.5	80.4	-2.9
2	3	0*	10.9	14.4	-3.5	6	7	0	13.0	13.4	-.4	7	1	1*	59.8	69.1	-9.3
4	3	0	27.9	29.1	-1.2	8	7	0*	5.6	6.0	-.4	8	1	1	51.0	52.7	-1.7
6	3	0	68.1	68.1	.0	10	7	0	104.7	104.3	.4	9	1	1	14.9	16.5	-1.5
8	3	0*	6.0	6.4	-.4	12	7	0*	5.0	7.1	-2.1	10	1	1	41.4	42.7	-1.3
10	3	0	34.0	33.5	.5	14	7	0	40.8	40.6	.2	11	1	1	9.2	9.1	.1
12	3	0	8.7	9.4	-.7	16	7	0	22.8	22.7	.1	12	1	1	7.3	7.9	-.6
14	3	0	26.4	26.5	-.1	18	7	0	27.4	27.7	-.4	13	1	1	43.5	44.6	-1.1
16	3	0	13.3	13.8	-.5	20	7	0	9.6	7.5	2.1	14	1	1	59.4	60.8	-1.4
18	3	0	21.9	23.7	-1.9	0	8	0	45.8	46.6	-.8	15	1	1	37.7	38.1	-.4
20	3	0*	6.2	8.1	-1.9	2	8	0	29.1	30.3	-1.2	16	1	1	39.0	40.0	-1.1
22	3	0	20.4	21.7	-1.2	4	8	0	73.5	73.3	.2	17	1	1	18.5	17.8	.7
24	3	0*	.0	5.6	-5.6	6	8	0*	.0	1.4	-1.4	18	1	1	23.0	22.3	.7
0	4	0	58.1	61.1	-3.0	8	8	0	25.1	24.8	.3	19	1	1*	8.4	9.0	-.7

Note: the F_0 values were corrected by subtracting the calculated contribution of the monoclinic phase, see text;

* = unobserved reflections with $I > 3\sigma I$

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
20	1	1	8.4	9.1	-.7	19	3	1*	29.6	29.3	.3	20	5	1*	7.1	6.3	.8
21	1	1	34.2	35.6	-1.4	20	3	1	15.6	15.3	.3	21	5	1	36.5	35.5	1.0
22	1	1*	7.7	6.5	1.2	21	3	1	62.4	61.4	1.0	22	5	1*	5.4	5.7	-.3
23	1	1*	8.2	12.4	-4.2	22	3	1	81.6	78.7	3.0	23	5	1	11.8	9.9	1.9
24	1	1*	5.8	.7	5.1	23	3	1*	15.5	15.5	.0	0	6	1	42.3	43.3	-1.0
25	1	1	23.9	23.4	.5	24	3	1	30.4	31.5	-1.0	1	6	1	35.5	35.8	-.3
0	2	1	17.6	18.0	-.4	0	4	1	13.7	13.8	-.1	2	6	1*	5.8	7.2	-1.4
1	2	1	61.0	59.3	1.7	1	4	1	80.4	80.0	.3	3	6	1	13.9	15.7	-1.8
2	2	1	130.9	128.7	2.2	2	4	1	84.1	84.2	-.1	4	6	1	14.4	14.5	-.1
3	2	1	115.0	111.7	3.4	3	4	1	20.2	21.5	-1.4	5	6	1	17.5	16.7	.8
4	2	1	99.7	100.6	-.9	4	4	1	18.8	19.7	-.8	6	6	1*	8.1	8.0	.1
5	2	1	96.8	99.8	-3.0	5	4	1	60.7	60.7	-.1	7	6	1	27.4	27.3	.1
6	2	1	13.7	13.6	.2	6	4	1	22.5	22.5	.0	8	6	1	9.5	9.0	.6
7	2	1	68.6	68.5	.1	7	4	1	17.9	18.3	-.4	9	6	1*	3.7	1.8	2.0
8	2	1	69.7	70.7	-1.0	8	4	1	22.0	22.3	-.4	10	6	1	10.2	10.6	-.4
9	2	1*	17.6	16.9	.7	9	4	1	16.5	16.3	.2	11	6	1	24.5	25.0	-.6
10	2	1	25.8	25.8	.0	10	4	1*	3.2	4.1	-.9	12	6	1	32.0	33.1	-1.1
11	2	1	26.9	27.9	-1.0	11	4	1*	4.2	4.3	-.1	13	6	1*	4.0	3.8	.3
12	2	1	40.8	42.1	-1.4	12	4	1*	6.5	6.0	.5	14	6	1	15.5	16.0	-.5
13	2	1*	45.0	44.1	1.0	13	4	1*	6.4	8.0	-1.6	15	6	1*	1.4	.4	1.0
14	2	1*	10.2	8.7	1.5	14	4	1	27.2	27.6	-.4	16	6	1	13.9	13.5	.3
15	2	1	36.1	36.4	-.3	15	4	1*	5.1	3.8	1.3	17	6	1*	9.1	9.1	.0
16	2	1	55.4	57.3	-1.9	16	4	1	27.8	26.9	.9	18	6	1*	3.5	1.5	1.9
17	2	1	45.2	42.3	2.9	17	4	1	22.4	22.2	.2	19	6	1	15.8	16.0	-.2
18	2	1	41.6	40.7	.9	18	4	1	27.3	26.5	.8	20	6	1*	5.4	2.4	3.0
19	2	1*	4.6	2.9	1.7	19	4	1	27.0	27.4	-.3	21	6	1	12.4	11.2	1.3
20	2	1*	5.5	1.0	4.5	20	4	1	27.7	27.1	.5	22	6	1*	9.9	10.8	-.9
21	2	1	25.1	26.3	-1.2	21	4	1	26.6	26.7	-.1	1	7	1*	3.2	5.4	-2.2
22	2	1	48.6	44.3	4.3	22	4	1	44.0	42.0	2.0	2	7	1*	4.5	6.0	-1.5
23	2	1	54.9	55.4	-.6	23	4	1	30.0	29.5	.5	3	7	1*	17.8	18.8	-1.1
24	2	1	42.9	40.2	2.6	24	4	1	11.9	13.3	-1.4	4	7	1	23.8	25.2	-1.4
25	2	1	40.7	40.1	.5	1	5	1	8.5	8.7	-.2	5	7	1	53.3	53.4	-.1
1	3	1	149.2	148.1	1.0	2	5	1	70.1	70.5	-.4	6	7	1	47.4	46.7	.7
2	3	1	101.5	101.7	-.1	3	5	1	40.3	39.7	.6	7	7	1	27.0	28.5	-1.5
3	3	1*	9.6	8.0	1.6	4	5	1	30.1	31.5	-1.3	8	7	1	39.6	40.5	-.9
4	3	1	49.4	50.5	-1.1	5	5	1	67.4	67.3	.1	9	7	1	37.8	36.4	1.4
5	3	1	131.2	132.0	-.8	6	5	1	48.7	49.7	-1.0	10	7	1*	3.3	.1	3.1
6	3	1	148.9	151.5	-2.6	7	5	1	54.7	54.7	.0	11	7	1*	17.1	16.4	.7
7	3	1	28.0	27.7	.3	8	5	1	32.1	33.3	-1.2	12	7	1	23.4	24.9	-1.5
8	3	1	68.1	68.9	-.8	9	5	1	40.9	41.5	-.5	13	7	1	26.1	27.3	-1.2
9	3	1	132.7	132.5	.2	10	5	1	34.9	35.5	-.6	14	7	1*	5.4	8.0	-2.6
10	3	1	177.9	179.7	-1.8	11	5	1*	1.9	.8	1.2	15	7	1	23.2	23.6	-.4
11	3	1	194.1	193.1	1.0	12	5	1*	5.8	1.4	4.4	16	7	1	28.0	28.7	-.6
12	3	1	141.0	141.4	-.4	13	5	1	27.9	28.0	-.1	17	7	1*	9.8	7.3	2.5
13	3	1*	6.7	8.5	-1.8	14	5	1	66.6	66.3	.3	18	7	1*	12.7	10.7	2.1
14	3	1	37.3	36.9	.4	15	5	1	26.9	27.9	-1.0	19	7	1*	24.7	25.5	-.9
15	3	1*	5.4	5.9	-.5	16	5	1	25.3	25.8	-.5	20	7	1*	4.7	4.6	.1
16	3	1*	15.5	14.7	.8	17	5	1	14.8	14.5	.3	21	7	1	11.4	11.8	-.5
17	3	1	78.8	79.1	-.3	18	5	1	20.0	19.8	.2	0	8	1*	7.4	3.3	4.1
18	3	1	53.4	53.4	.0	19	5	1*	.0	6.9	-6.9	1	8	1	12.0	13.0	-1.0

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
2	8	1	69.9	71.2	-1.3	15	10	1	11.6	12.2	-.6	7	1	2	7.6	8.2	-.5
3	8	1	108.3	108.7	-.4	1	11	1*	4.8	5.9	-1.1	8	1	2	69.4	72.1	-2.7
4	8	1	93.8	94.9	-1.1	2	11	1	12.5	13.2	-.6	9	1	2	42.9	45.2	-2.3
5	8	1	62.3	61.8	.5	3	11	1*	4.9	4.1	.8	10	1	2*	.6	.3	.4
6	8	1	18.2	18.2	.0	4	11	1*	.5	1.9	-1.3	11	1	2	83.2	85.1	-2.0
7	8	1	44.5	42.6	1.9	5	11	1	28.7	29.3	-.5	12	1	2	121.2	122.2	-.9
8	8	1	93.0	92.3	.7	6	11	1	33.7	33.0	.7	13	1	2	29.2	30.1	-.9
9	8	1	24.1	25.5	-1.4	7	11	1	18.8	18.7	.0	14	1	2*	5.5	6.0	-.5
10	8	1	17.5	18.4	-.9	8	11	1*	8.5	5.9	2.6	15	1	2*	.0	.6	-.6
11	8	1	18.3	20.0	-1.7	9	11	1	14.6	13.6	1.0	16	1	2*	50.9	52.4	-1.5
12	8	1	33.8	33.4	.4	10	11	1	8.9	11.1	-2.2	17	1	2	58.7	60.0	-1.3
13	8	1	51.3	49.0	2.2	11	11	1	16.1	16.5	-.4	18	1	2*	9.8	10.2	-.4
14	8	1*	.0	3.3	-3.3	0	12	1*	5.9	5.9	-.1	19	1	2*	5.9	5.2	.6
15	8	1	53.1	52.4	.6	1	12	1	24.5	23.6	.9	20	1	2*	11.3	13.6	-2.3
16	8	1	45.1	44.0	1.1	2	12	1	16.5	17.4	-.9	21	1	2*	9.7	8.1	1.6
17	8	1	30.0	28.6	1.4	3	12	1*	.5	1.5	-1.0	22	1	2	15.0	16.0	-1.0
18	8	1	39.1	37.0	2.1	4	12	1	15.9	15.1	.7	23	1	2	38.9	37.8	1.1
19	8	1	15.9	15.9	.0	5	12	1*	8.2	2.1	6.1	24	1	2*	21.4	22.6	-1.2
1	9	1	43.5	42.8	.7	6	12	1*	7.2	3.8	3.3	0	2	2*	5.3	4.5	.7
2	9	1	56.4	56.6	-.2	0	0	2	28.2	27.3	.8	1	2	2	43.0	42.0	1.0
3	9	1	14.0	14.7	-.7	1	0	2	63.2	62.3	.9	2	2	2*	6.9	4.4	2.5
4	9	1*	6.4	5.9	.4	2	0	2	195.2	187.1	8.1	3	2	2	87.0	86.0	1.0
5	9	1	23.1	23.8	-.8	3	0	2	133.4	130.1	3.2	4	2	2	20.0	19.9	.1
6	9	1	20.1	19.5	.6	4	0	2	12.4	11.2	1.1	5	2	2	33.6	34.3	-.7
7	9	1*	7.4	6.3	1.1	5	0	2	205.1	201.0	4.1	6	2	2	64.4	63.8	.6
8	9	1	40.1	40.9	-.8	6	0	2*	24.3	10.8	13.5	7	2	2	104.2	105.4	-1.2
9	9	1	74.2	73.5	.7	7	0	2	142.9	142.5	.3	8	2	2	19.2	20.0	-.8
10	9	1	73.3	73.6	-.3	8	0	2*	9.6	5.7	3.8	9	2	2	73.4	75.6	-2.3
11	9	1	77.3	75.6	1.7	9	0	2	145.8	145.7	.0	10	2	2*	33.6	35.7	-2.1
12	9	1	77.9	75.8	2.1	10	0	2*	.0	18.9	-18.9	11	2	2	23.4	23.4	.0
13	9	1*	17.2	15.5	1.7	11	0	2	201.6	201.9	-.3	12	2	2	11.1	12.0	-.9
14	9	1	23.1	23.6	-.5	12	0	2*	24.3	26.6	-2.3	13	2	2	44.7	46.3	-1.6
15	9	1*	9.2	9.4	-.2	13	0	2	28.2	27.4	.8	14	2	2*	20.3	22.9	-2.6
16	9	1	17.4	19.0	-1.6	14	0	2*	10.6	6.7	3.8	15	2	2	56.7	58.6	-1.9
17	9	1	25.3	24.7	.6	15	0	2	61.3	59.1	2.2	16	2	2*	8.4	8.4	.1
0	10	1	57.4	57.5	-.1	16	0	2*	.0	5.7	-5.7	17	2	2	18.1	19.1	-1.0
1	10	1	53.9	52.3	1.6	17	0	2	73.1	76.4	-3.3	18	2	2	47.8	48.2	-.4
2	10	1	28.3	29.1	-.7	18	0	2*	36.9	42.4	-5.5	19	2	2	61.6	60.4	1.2
3	10	1*	2.3	1.3	1.1	19	0	2	36.0	36.7	-.7	20	2	2*	9.3	10.5	-1.2
4	10	1	9.2	8.8	.4	20	0	2	8.0	6.7	1.3	21	2	2*	22.2	22.1	.1
5	10	1*	3.2	.3	2.9	21	0	2	28.7	28.7	.1	22	2	2	18.4	19.7	-1.3
6	10	1	18.3	17.7	.6	22	0	2	92.7	92.0	.7	23	2	2	12.4	12.1	.3
7	10	1	13.3	14.1	-.8	23	0	2	116.1	114.7	1.4	24	2	2*	1.2	3.2	-2.0
8	10	1	24.7	24.2	.5	24	0	2*	15.3	7.4	7.9	1	3	2	24.6	24.8	-.2
9	10	1	13.3	13.7	-.4	1	1	2	6.8	7.6	-.8	2	3	2*	3.8	1.7	2.1
10	10	1	9.9	11.1	-1.2	2	1	2	14.9	14.6	.3	3	3	2	20.7	20.8	-.1
11	10	1	29.2	29.8	-.6	3	1	2	17.4	17.2	.2	4	3	2	38.4	35.9	2.5
12	10	1	41.0	39.7	1.3	4	1	2	41.7	41.5	.2	5	3	2	40.9	40.9	.0
13	10	1*	5.7	3.9	1.8	5	1	2	76.9	77.2	-.3	6	3	2	9.7	9.7	.0
14	10	1	23.1	22.6	.4	6	1	2	14.2	14.1	.1	7	3	2	23.7	23.0	.8

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
8	3	2	17.5	17.4	.1	10	5	2*	.0	2.4	-2.4	16	7	2	21.5	22.2	-.6
9	3	2*	6.4	3.9	2.5	11	5	2	73.6	72.0	1.5	17	7	2*	6.3	.1	6.2
10	3	2*	3.4	4.6	-1.2	12	5	2	93.5	93.6	-.1	18	7	2*	2.2	3.1	-1.0
11	3	2	19.8	19.5	.3	13	5	2	31.5	30.8	.7	19	7	2	15.3	15.3	.0
12	3	2*	6.3	3.9	2.3	14	5	2	10.0	9.1	.9	20	7	2*	3.1	2.4	.7
13	3	2	12.7	12.6	.1	15	5	2	31.0	30.5	.5	0	8	2*	4.1	2.2	1.9
14	3	2*	4.6	.9	3.7	16	5	2*	33.6	30.8	2.8	1	8	2	39.4	38.7	.7
15	3	2*	6.2	5.6	.6	17	5	2	64.5	63.5	1.0	2	8	2	11.2	10.1	1.1
16	3	2*	4.9	5.1	-.2	18	5	2	13.4	14.1	-.6	3	8	2	31.9	32.3	-.5
17	3	2	19.6	20.0	-.4	19	5	2	20.4	19.4	1.0	4	8	2	9.6	9.2	.4
18	3	2*	4.5	3.1	1.4	20	5	2*	7.1	12.8	-5.6	5	8	2	24.6	25.7	-1.1
19	3	2*	4.9	5.8	-.9	21	5	2	14.5	14.9	-.5	6	8	2	20.2	19.9	.3
20	3	2*	4.6	6.3	-1.6	22	5	2	21.1	20.3	.8	7	8	2	41.0	40.4	.6
21	3	2	9.3	9.9	-.7	0	6	2*	.0	3.0	-3.0	8	8	2*	.0	1.3	-1.3
22	3	2*	8.1	4.5	3.6	1	6	2	9.4	10.1	-.7	9	8	2	23.8	23.8	.0
23	3	2*	11.5	9.2	2.3	2	6	2	139.7	140.6	-.9	10	8	2	8.1	5.1	3.1
24	3	2*	5.2	4.7	.6	3	6	2	119.9	120.7	-.8	11	8	2	25.8	25.7	.1
0	4	2	22.7	22.5	.2	4	6	2*	8.9	8.5	.4	12	8	2*	3.1	1.2	1.9
1	4	2	65.2	64.1	1.1	5	6	2	92.6	93.1	-.4	13	8	2	35.6	34.8	.9
2	4	2	67.6	66.0	1.6	6	6	2*	7.8	.8	7.0	14	8	2*	13.7	13.5	.2
3	4	2	14.7	13.9	.7	7	6	2	77.5	77.7	-.2	15	8	2	35.7	35.6	.1
4	4	2*	5.8	5.3	.5	8	6	2*	9.6	9.1	.5	16	8	2*	9.0	8.8	.2
5	4	2	38.9	39.1	-.2	9	6	2	116.6	115.7	.9	17	8	2*	.9	3.4	-2.4
6	4	2	42.9	42.0	.9	10	6	2	34.2	33.0	1.2	18	8	2	16.9	17.7	-.8
7	4	2	71.2	70.6	.6	11	6	2	104.5	102.2	2.3	1	9	2	30.7	30.9	-.2
8	4	2*	6.2	6.8	-.6	12	6	2	12.9	11.7	1.2	2	9	2	13.4	14.7	-1.3
9	4	2	6.8	6.8	.0	13	6	2	14.5	13.5	1.0	3	9	2	10.1	10.6	-.5
10	4	2*	.7	4.3	-3.6	14	6	2*	3.5	1.0	2.4	4	9	2	14.1	13.3	.8
11	4	2	33.7	34.4	-.7	15	6	2	36.5	36.6	-.1	5	9	2	15.4	16.3	-.9
12	4	2*	5.8	4.7	1.1	16	6	2	11.2	12.2	-1.0	6	9	2*	.0	4.8	-4.8
13	4	2	25.8	25.9	-.1	17	6	2	37.2	36.5	.7	7	9	2	15.0	15.2	-.2
14	4	2	24.6	25.0	-.5	18	6	2	21.0	19.9	1.0	8	9	2	12.3	13.6	-1.3
15	4	2	29.0	28.8	.2	19	6	2	36.2	34.7	1.5	9	9	2*	.0	6.9	-6.9
16	4	2	11.4	11.0	.4	20	6	2*	9.8	12.1	-2.3	10	9	2	9.9	10.1	-.2
17	4	2*	6.5	6.1	.4	21	6	2	25.3	25.7	-.4	11	9	2*	7.5	5.8	1.7
18	4	2	30.0	31.7	-1.7	1	7	2	31.8	32.5	-.7	12	9	2	15.4	15.5	-.1
19	4	2	31.5	31.3	.2	2	7	2	7.9	8.5	-.5	13	9	2	41.8	41.0	.8
20	4	2*	6.3	5.2	1.1	3	7	2*	6.1	5.5	.6	14	9	2	18.4	17.7	.8
21	4	2*	13.0	11.0	2.0	4	7	2	21.5	23.6	-2.2	15	9	2	13.8	12.3	1.4
22	4	2	20.4	19.9	.5	5	7	2	22.1	23.0	-.9	16	9	2	9.9	10.2	-.2
23	4	2*	12.1	10.2	1.9	6	7	2*	3.4	1.4	2.0	0	10	2*	4.9	5.1	-.3
1	5	2	32.7	33.9	-1.2	7	7	2	46.9	47.2	-.3	1	10	2*	.0	4.0	-4.0
2	5	2	15.2	15.4	-.1	8	7	2	50.8	52.0	-1.2	2	10	2	43.2	42.8	.4
3	5	2	122.2	122.9	-.6	9	7	2*	.0	8.8	-8.8	3	10	2	29.9	29.9	.0
4	5	2*	20.8	14.8	6.0	10	7	2*	.0	4.8	-4.8	4	10	2*	.0	.8	-.8
5	5	2	61.6	61.8	-.1	11	7	2*	9.4	9.6	-.2	5	10	2*	6.2	.9	5.3
6	5	2	8.1	6.3	1.7	12	7	2	58.4	57.7	.7	6	10	2	26.8	27.2	-.4
7	5	2	34.7	35.2	-.5	13	7	2	44.2	42.7	1.4	7	10	2	32.4	31.2	1.3
8	5	2	89.7	88.4	1.3	14	7	2*	.0	4.3	-4.3	8	10	2	16.6	16.4	.2
9	5	2	119.6	119.0	.7	15	7	2*	.0	.3	-.3	9	10	2*	4.8	4.8	-.1

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
10	10	2*	2.4	3.6	-1.2	10	2	3	23.1	22.1	1.0	14	4	3	8.5	8.4	.1
11	10	2*	10.7	13.2	-2.5	11	2	3	9.1	9.3	-.2	15	4	3	12.6	13.4	-.8
12	10	2	11.5	11.4	.1	12	2	3	55.5	54.7	.9	16	4	3*	11.7	11.2	.5
13	10	2*	.0	1.0	-1.0	13	2	3	63.3	63.4	-.1	17	4	3*	.0	4.3	-4.3
1	11	2	13.2	13.2	-.1	14	2	3*	12.6	11.6	.9	18	4	3*	8.0	6.0	1.9
2	11	2*	3.5	3.5	.0	15	2	3*	51.9	51.3	.6	19	4	3*	4.7	4.9	-.2
3	11	2	71.3	70.9	.3	16	2	3*	13.3	15.7	-2.4	20	4	3	30.9	31.1	-.2
4	11	2*	6.6	4.9	1.7	17	2	3	9.4	10.7	-1.3	21	4	3*	5.8	7.3	-1.5
5	11	2	49.7	50.1	-.4	18	2	3*	13.2	12.2	1.0	22	4	3	16.5	15.2	1.3
6	11	2*	7.2	7.2	.0	19	2	3	42.5	45.2	-2.7	1	5	3	35.1	35.3	-.2
7	11	2	37.5	38.2	-.7	20	2	3	69.9	66.6	3.2	2	5	3	72.6	73.0	-.5
8	11	2	50.7	49.7	1.0	21	2	3	15.2	18.5	-3.4	3	5	3	68.0	68.4	-.4
9	11	2	86.2	84.3	2.0	22	2	3*	8.6	8.0	.6	4	5	3	18.2	17.6	.5
10	11	2*	.0	.9	-.9	23	2	3*	13.1	14.4	-1.3	5	5	3	35.9	35.2	.7
0	12	2*	5.5	6.1	-.6	1	3	3	185.5	182.1	3.4	6	5	3	10.4	10.8	-.3
1	12	2*	6.4	3.1	3.2	2	3	3	119.1	117.4	1.6	7	5	3*	4.1	.3	3.8
2	12	2	62.6	61.7	1.0	3	3	3	33.4	33.3	.0	8	5	3*	2.4	2.8	-.5
1	1	3	38.7	37.9	.8	4	3	3	27.1	25.5	1.6	9	5	3	43.1	43.4	-.3
2	1	3	80.0	77.9	2.1	5	3	3	75.0	75.4	-.4	10	5	3	44.9	45.9	-.9
3	1	3	77.0	75.3	1.6	6	3	3	129.8	130.5	-.7	11	5	3	16.6	16.5	.1
4	1	3*	4.7	3.5	1.2	7	3	3	71.4	71.9	-.5	12	5	3*	.0	.8	-.8
5	1	3	52.9	51.5	1.3	8	3	3	10.8	10.7	.1	13	5	3	27.1	26.4	.7
6	1	3	19.3	19.1	.2	9	3	3	12.0	10.5	1.5	14	5	3	30.0	30.1	.0
7	1	3*	7.8	8.7	-.8	10	3	3	33.4	34.8	-1.4	15	5	3	36.0	34.4	1.5
8	1	3	12.4	12.6	-.3	11	3	3	26.1	26.6	-.5	16	5	3	14.7	14.2	.5
9	1	3	55.6	54.0	1.6	12	3	3	34.4	34.9	-.4	17	5	3	41.9	40.8	1.2
10	1	3	66.0	65.9	.2	13	3	3	115.4	112.2	3.1	18	5	3	31.4	30.6	.8
11	1	3	28.1	27.4	.7	14	3	3	139.8	138.0	1.8	19	5	3	8.9	8.7	.2
12	1	3*	1.8	3.2	-1.4	15	3	3	58.2	57.8	.4	20	5	3*	6.4	1.5	4.9
13	1	3*	13.8	13.3	.5	16	3	3	14.7	15.0	-.3	21	5	3	13.1	14.5	-1.5
14	1	3*	7.9	6.7	1.2	17	3	3	44.1	43.6	.6	0	6	3	15.8	16.3	-.5
15	1	3	26.2	26.2	.0	18	3	3	57.7	56.2	1.5	1	6	3	20.2	19.0	1.2
16	1	3	14.5	14.3	.2	19	3	3	53.1	52.4	.8	2	6	3	25.9	26.9	-1.0
17	1	3	56.6	56.6	-.1	20	3	3	18.6	16.2	2.4	3	6	3	25.0	24.1	.9
18	1	3	36.3	37.2	-.9	21	3	3	70.4	73.3	-2.9	4	6	3	22.1	23.1	-1.0
19	1	3*	3.2	4.0	-.8	22	3	3*	27.4	25.6	1.9	5	6	3	12.4	12.9	-.5
20	1	3*	.0	2.2	-2.2	0	4	3	116.0	117.1	-1.1	6	6	3*	8.3	8.9	-.6
21	1	3	13.2	13.7	-.5	1	4	3	41.1	40.3	.8	7	6	3*	6.3	5.9	.3
22	1	3	7.8	10.1	-2.3	2	4	3*	8.1	8.3	-.2	8	6	3*	5.3	6.7	-1.4
23	1	3*	7.6	4.9	2.7	3	4	3	50.0	50.5	-.6	9	6	3*	3.1	1.5	1.5
0	2	3	203.6	198.3	5.3	4	4	3	56.9	56.6	.3	10	6	3*	.0	11.0	-11.0
1	2	3	104.4	100.9	3.4	5	4	3*	9.3	10.4	-1.1	11	6	3	26.3	25.6	.7
2	2	3*	5.8	4.3	1.5	6	4	3	8.8	8.0	.8	12	6	3	15.4	16.2	-.7
3	2	3*	5.1	5.4	-.3	7	4	3	19.3	20.6	-1.3	13	6	3*	6.3	6.8	-.6
4	2	3	17.1	16.6	.5	8	4	3	8.0	8.3	-.3	14	6	3*	4.6	2.5	2.1
5	2	3	34.4	35.2	-.8	9	4	3	40.8	40.8	.0	15	6	3	13.1	12.9	.3
6	2	3	17.8	18.0	-.2	10	4	3	27.3	27.3	.1	16	6	3	20.6	20.9	-.3
7	2	3	70.6	70.0	.6	11	4	3*	33.4	30.9	2.5	17	6	3	14.1	15.3	-1.2
8	2	3	35.0	34.7	.3	12	4	3	20.8	21.3	-.5	18	6	3	13.3	13.3	.0
9	2	3	18.1	18.5	-.4	13	4	3	28.6	30.6	-2.1	19	6	3*	6.8	7.0	-.2

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
20	6	3*	.0	7.5	-7.5	0	10	3	19.2	19.4	-.2	11	1	4	67.8	67.4	.4
1	7	3*	12.9	6.2	6.7	1	10	3	19.1	17.6	1.4	12	1	4	8.6	8.7	-.1
2	7	3	16.0	17.1	-1.1	2	10	3*	6.2	5.7	.5	13	1	4*	11.4	12.1	-.7
3	7	3	25.4	25.9	-.5	3	10	3	38.2	38.7	-.5	14	1	4	16.0	16.0	.0
4	7	3	19.4	20.5	-1.1	4	10	3	45.5	46.4	-1.0	15	1	4	30.1	30.1	.0
5	7	3	27.3	27.2	.1	5	10	3*	7.2	7.7	-.5	16	1	4*	7.4	6.3	1.1
6	7	3	23.4	23.3	.1	6	10	3*	6.3	6.6	-.3	17	1	4*	7.3	3.0	4.3
7	7	3*	12.8	13.8	-.9	7	10	3*	1.6	.7	.9	18	1	4	22.1	23.0	-.9
8	7	3	18.3	18.4	-.2	8	10	3*	13.3	13.9	-.5	19	1	4	18.8	19.7	-1.0
9	7	3	23.0	23.5	-.5	9	10	3	20.5	21.4	-.9	20	1	4*	.0	6.8	-6.8
10	7	3	45.9	45.6	.3	10	10	3*	6.1	3.1	3.0	21	1	4*	13.2	12.1	1.0
11	7	3	20.2	20.1	.0	11	10	3	43.8	43.2	.6	0	2	4	66.7	66.2	.5
12	7	3*	6.9	7.5	-.5	1	11	3*	8.6	7.2	1.4	1	2	4	32.6	32.5	.1
13	7	3*	19.0	18.8	.2	2	11	3	25.4	25.7	-.3	2	2	4*	.0	2.4	-2.4
14	7	3	31.1	30.7	.4	3	11	3	15.8	15.8	.0	3	2	4*	5.8	5.5	.3
15	7	3*	2.5	1.9	.6	4	11	3*	3.1	2.4	.6	4	2	4	58.6	56.7	1.9
16	7	3*	.0	.8	-.8	5	11	3	23.3	24.4	-1.1	5	2	4	64.4	63.8	.6
17	7	3	37.1	39.2	-2.1	6	11	3*	.0	1.2	-1.2	6	2	4*	5.5	3.3	2.2
18	7	3	22.7	21.5	1.2	0	0	4	103.1	102.5	.6	7	2	4	33.1	32.4	.7
0	8	3	129.6	132.1	-2.5	1	0	4	127.4	125.1	2.2	8	2	4	79.5	78.9	.7
1	8	3	67.6	69.2	-1.6	2	0	4*	4.4	2.0	2.3	9	2	4	10.9	11.5	-.6
2	8	3	11.5	12.7	-1.2	3	0	4	68.1	66.4	1.7	10	2	4	15.9	15.1	.8
3	8	3	32.9	33.2	-.3	4	0	4	171.7	168.4	3.3	11	2	4*	.0	.1	-.1
4	8	3*	7.3	7.1	.2	5	0	4	28.4	29.1	-.7	12	2	4	45.1	44.5	.6
5	8	3	29.0	30.1	-1.1	6	0	4	17.9	17.3	.6	13	2	4*	3.8	2.6	1.2
6	8	3*	10.3	9.6	.7	7	0	4	46.2	46.3	-.1	14	2	4	19.1	19.0	.0
7	8	3	77.8	75.7	2.0	8	0	4	126.9	124.8	2.1	15	2	4	23.6	24.7	-1.1
8	8	3	56.4	54.8	1.6	9	0	4	39.7	38.8	.9	16	2	4	25.9	25.0	1.0
9	8	3*	10.1	9.7	.3	10	0	4	14.1	12.5	1.7	17	2	4*	3.0	3.7	-.7
10	8	3*	.6	2.4	-1.8	11	0	4	100.3	100.0	.3	18	2	4*	8.7	8.9	-.2
11	8	3*	4.9	6.5	-1.7	12	0	4	117.5	114.9	2.6	19	2	4*	.0	4.0	-4.0
12	8	3	44.1	43.8	.3	13	0	4	45.0	44.3	.7	20	2	4	47.6	48.6	-1.0
13	8	3	53.0	54.9	-1.9	14	0	4*	8.4	8.0	.3	21	2	4*	7.8	4.1	3.7
14	8	3*	9.0	8.3	.6	15	0	4*	.0	1.2	-1.2	1	3	4	11.0	12.2	-1.2
15	8	3	54.5	53.9	.6	16	0	4	97.5	96.3	1.2	2	3	4*	7.4	5.6	1.8
16	8	3	18.9	19.8	-.9	17	0	4*	.0	.7	-.7	3	3	4*	6.6	7.8	-1.1
1	9	3	80.8	81.6	-.8	18	0	4	28.7	29.1	-.3	4	3	4*	.7	2.1	-1.4
2	9	3	47.6	48.5	-1.0	19	0	4*	.0	1.4	-1.4	5	3	4	13.0	13.4	-.5
3	9	3	12.8	14.5	-1.6	20	0	4	33.2	34.1	-.9	6	3	4	28.7	27.8	.9
4	9	3*	5.3	.3	5.0	21	0	4	47.3	48.2	-.9	7	3	4	19.0	19.5	-.5
5	9	3	10.5	8.0	2.5	1	1	4	81.2	80.3	.9	8	3	4*	.5	4.2	-3.8
6	9	3	50.6	50.7	.0	2	1	4*	20.6	20.2	.4	9	3	4	18.1	17.5	.5
7	9	3	25.7	26.2	-.6	3	1	4	33.7	33.3	.5	10	3	4*	11.2	11.0	.3
8	9	3*	5.5	2.3	3.2	4	1	4*	5.3	1.2	4.1	11	3	4	10.3	8.9	1.4
9	9	3*	.0	1.2	-1.2	5	1	4	56.6	55.4	1.2	12	3	4*	.0	7.9	-7.9
10	9	3	35.2	36.8	-1.6	6	1	4	35.9	36.1	-.1	13	3	4	14.6	13.9	.7
11	9	3*	3.5	.2	3.3	7	1	4	50.5	49.7	.9	14	3	4*	.0	3.2	-3.2
12	9	3*	9.8	8.6	1.1	8	1	4*	5.1	4.8	.3	15	3	4	21.2	21.0	.2
13	9	3	67.5	66.5	1.0	9	1	4	29.7	29.4	.3	16	3	4*	.0	3.3	-3.3
14	9	3	83.5	83.4	.1	10	1	4	70.8	70.2	.7	17	3	4*	4.2	5.4	-1.1

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
18	3	4	9.0	8.8	.2	7	6	4	15.0	14.7	.3	9	9	4	27.6	29.0	-1.4
19	3	4*	4.2	7.6	-3.5	8	6	4	89.4	89.1	.2	10	9	4	14.1	14.4	-.2
20	3	4*	2.0	4.6	-2.6	9	6	4	51.2	50.5	.7	11	9	4*	.0	8.7	-8.7
0	4	4	70.2	69.5	.7	10	6	4*	.0	7.2	-7.2	0	10	4	21.6	21.9	-.3
1	4	4*	8.1	5.9	2.2	11	6	4	58.6	58.5	.1	1	10	4	22.8	23.0	-.2
2	4	4*	6.1	4.8	1.3	12	6	4	67.1	67.5	-.4	2	10	4*	.0	7.6	-7.6
3	4	4	11.5	11.7	-.2	13	6	4	48.5	48.8	-.2	3	10	4	22.3	22.8	-.5
4	4	4	18.6	17.7	.9	14	6	4*	2.5	2.9	-.4	4	10	4	16.7	16.7	.0
5	4	4	53.2	51.7	1.5	15	6	4	12.2	11.1	1.1	5	10	4	25.0	25.6	-.6
6	4	4*	5.1	4.6	.5	16	6	4	59.9	60.4	-.4	6	10	4*	5.0	3.4	1.6
7	4	4*	.0	4.0	-4.0	17	6	4*	.0	7.3	-7.3	1	1	5	28.4	27.9	.5
8	4	4	32.8	32.7	.0	1	7	4	38.0	37.5	.5	2	1	5	34.5	34.2	.3
9	4	4	44.6	44.1	.5	2	7	4	24.9	24.7	.2	3	1	5*	3.3	6.9	-3.7
10	4	4*	6.4	7.7	-1.3	3	7	4	31.3	31.4	-.1	4	1	5	24.2	23.6	.6
11	4	4	10.4	10.1	.3	4	7	4*	4.7	3.7	1.0	5	1	5*	5.8	1.9	4.0
12	4	4*	38.1	35.9	2.1	5	7	4	12.9	13.1	-.1	6	1	5	65.0	64.9	.0
13	4	4	22.4	23.0	-.6	6	7	4	29.0	29.6	-.6	7	1	5	35.8	36.7	-.9
14	4	4	16.5	16.8	-.3	7	7	4*	.0	.9	-.9	8	1	5	16.3	16.8	-.5
15	4	4	41.0	41.5	-.5	8	7	4	9.2	8.6	.6	9	1	5	27.7	26.6	1.1
16	4	4	13.8	16.5	-2.7	9	7	4	26.8	28.1	-1.3	10	1	5	23.4	23.4	-.1
17	4	4	15.3	16.1	-.8	10	7	4*	3.2	4.5	-1.3	11	1	5	13.7	14.1	-.5
18	4	4*	10.3	9.3	1.0	11	7	4	48.9	47.9	.9	12	1	5	33.5	33.5	.0
19	4	4	28.3	26.8	1.5	12	7	4*	.0	.7	-.7	13	1	5	27.4	26.8	.6
20	4	4	26.1	26.0	.2	13	7	4	10.8	12.4	-1.6	14	1	5	41.1	41.1	.0
1	5	4	50.1	49.0	1.1	14	7	4	35.4	36.0	-.5	15	1	5*	11.7	13.2	-1.6
2	5	4	81.7	81.1	.6	15	7	4	38.8	38.6	.1	16	1	5*	7.6	.2	7.4
3	5	4	55.0	54.1	.8	16	7	4	15.0	15.1	-.1	17	1	5*	.0	5.8	-5.8
4	5	4*	.0	4.8	-4.8	0	8	4	39.9	39.6	.3	18	1	5	14.3	13.0	1.3
5	5	4	26.3	26.0	.3	1	8	4*	7.0	8.1	-1.1	0	2	5*	6.5	6.1	.5
6	5	4	58.0	58.4	-.4	2	8	4*	5.0	.6	4.4	1	2	5	19.8	20.1	-.3
7	5	4	28.2	27.7	.6	3	8	4	12.8	12.7	.1	2	2	5	56.5	56.2	.3
8	5	4*	3.8	1.2	2.6	4	8	4	34.5	34.5	.0	3	2	5	23.3	23.7	-.4
9	5	4	24.9	24.0	1.0	5	8	4	29.9	30.1	-.1	4	2	5	71.0	70.6	.4
10	5	4	102.1	102.5	-.4	6	8	4*	5.2	1.9	3.3	5	2	5	22.1	22.2	-.1
11	5	4	63.8	63.9	-.1	7	8	4*	3.2	6.1	-2.9	6	2	5	18.6	18.7	-.1
12	5	4	14.9	15.0	-.1	8	8	4	42.7	43.7	-1.1	7	2	5*	.0	1.8	-1.8
13	5	4	48.7	48.7	.1	9	8	4	21.1	22.3	-1.2	8	2	5	30.2	31.5	-1.2
14	5	4	32.1	32.9	-.9	10	8	4	10.5	10.8	-.3	9	2	5	62.4	62.7	-.3
15	5	4	46.7	46.7	-.1	11	8	4*	11.0	12.0	-1.0	10	2	5*	11.0	8.2	2.8
16	5	4*	6.4	6.4	.1	12	8	4	29.7	30.7	-1.0	11	2	5	70.2	71.4	-1.2
17	5	4*	6.4	1.9	4.5	13	8	4*	6.9	3.0	3.9	12	2	5	36.6	36.0	.6
18	5	4*	40.4	44.6	-4.1	14	8	4*	8.3	8.2	.0	13	2	5	30.9	31.6	-.8
19	5	4	25.9	27.2	-1.3	1	9	4*	.0	1.0	-1.0	14	2	5*	.0	5.7	-5.7
0	6	4	42.3	40.9	1.4	2	9	4	16.4	16.4	.0	15	2	5*	8.0	8.4	-.5
1	6	4	61.6	61.7	-.1	3	9	4*	11.2	11.4	-.1	16	2	5	31.0	31.4	-.4
2	6	4*	.0	.7	-.7	4	9	4*	3.6	6.5	-2.9	17	2	5*	23.6	24.5	-.9
3	6	4	38.5	38.8	-.2	5	9	4	13.1	12.1	1.0	18	2	5	21.0	18.9	2.2
4	6	4	111.8	111.8	-.1	6	9	4	31.3	31.4	-.1	1	3	5*	13.4	14.4	-.9
5	6	4	22.6	22.6	.0	7	9	4*	.8	2.6	-1.8	2	3	5	73.9	73.5	.4
6	6	4	10.1	11.3	-1.2	8	9	4*	5.4	7.9	-2.5	3	3	5	94.6	93.8	.8

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
4	3	5	16.7	16.2	.5	3	6	5*	10.1	7.6	2.6	13	0	6	79.1	79.7	-.5
5	3	5	57.8	57.7	.1	4	6	5*	8.5	9.0	-.6	14	0	6*	15.2	5.2	10.0
6	3	5	77.2	76.8	.4	5	6	5	23.6	23.1	.5	1	1	6	66.0	67.4	-1.4
7	3	5	37.8	37.6	.2	6	6	5*	5.8	5.6	.2	2	1	6*	.0	.5	-.5
8	3	5	50.7	51.6	-.9	7	6	5	22.6	23.2	-.6	3	1	6	18.5	18.0	.5
9	3	5	52.8	53.1	-.3	8	6	5	16.5	16.8	-.2	4	1	6	16.3	16.2	.1
10	3	5	123.8	123.4	.4	9	6	5*	6.0	6.0	.0	5	1	6*	.0	1.3	-1.3
11	3	5	27.1	26.6	.5	10	6	5	13.0	12.9	.0	6	1	6*	.0	6.2	-6.2
12	3	5	59.2	59.1	.1	11	6	5*	7.5	7.8	-.4	7	1	6	34.2	34.3	-.1
13	3	5	31.7	33.9	-2.2	12	6	5	15.4	16.6	-1.2	8	1	6*	.0	3.2	-3.2
14	3	5	17.2	17.4	-.2	13	6	5*	.0	6.8	-6.8	9	1	6	27.2	28.1	-.9
15	3	5	33.6	33.8	-.2	14	6	5*	7.0	5.6	1.4	10	1	6*	4.9	7.1	-2.2
16	3	5	44.5	44.1	.4	1	7	5	31.0	32.5	-1.5	11	1	6	11.4	11.0	.4
17	3	5	50.5	50.6	-.1	2	7	5*	.0	3.1	-3.1	12	1	6	32.1	30.7	1.4
0	4	5	39.1	39.3	-.2	3	7	5	21.8	21.5	.3	13	1	6	60.2	59.9	.3
1	4	5*	6.0	2.6	3.3	4	7	5	28.5	29.2	-.6	14	1	6*	.0	7.5	-7.5
2	4	5	41.2	40.6	.5	5	7	5*	13.7	14.2	-.4	0	2	6	15.4	16.7	-1.3
3	4	5*	.6	5.1	-4.6	6	7	5	38.3	37.2	1.2	1	2	6	31.4	32.3	-1.0
4	4	5	17.1	18.0	-.9	7	7	5*	4.7	3.9	.8	2	2	6	17.1	17.1	.0
5	4	5*	6.0	.2	5.8	8	7	5	25.8	26.9	-1.1	3	2	6	59.4	59.9	-.4
6	4	5	19.0	19.4	-.3	9	7	5*	3.9	2.6	1.2	4	2	6	12.1	13.4	-1.3
7	4	5	16.0	17.1	-1.1	10	7	5*	4.3	5.1	-.8	5	2	6	20.2	19.7	.6
8	4	5*	9.4	9.9	-.5	11	7	5*	9.6	12.3	-2.7	6	2	6	23.6	23.5	.2
9	4	5	35.7	36.5	-.8	12	7	5	22.9	23.2	-.3	7	2	6*	6.4	.0	6.4
10	4	5*	2.0	1.6	.4	0	8	5*	10.8	9.5	1.2	8	2	6	18.1	18.8	-.7
11	4	5	38.0	38.1	-.2	1	8	5	32.9	33.2	-.3	9	2	6	20.9	22.3	-1.4
12	4	5*	2.9	.3	2.6	2	8	5	52.3	51.9	.4	10	2	6	19.6	20.5	-.9
13	4	5	41.0	40.0	1.0	3	8	5	27.2	29.2	-2.1	11	2	6	50.6	50.0	.6
14	4	5*	.0	5.4	-5.4	4	8	5	73.0	74.0	-1.0	12	2	6*	9.1	7.1	2.0
15	4	5	27.1	27.3	-.1	5	8	5	13.5	16.1	-2.6	13	2	6	10.0	10.1	-.1
16	4	5*	2.9	2.2	.7	6	8	5*	8.0	7.6	.3	14	2	6*	.0	.1	-.1
17	4	5	16.3	16.5	-.2	7	8	5*	2.8	4.8	-2.0	1	3	6	10.6	11.2	-.6
1	5	5	13.9	13.7	.2	8	8	5	47.5	47.2	.4	2	3	6*	4.3	2.9	1.3
2	5	5	35.7	35.2	.4	9	8	5	51.8	52.1	-.3	3	3	6	9.6	10.9	-1.3
3	5	5*	3.5	4.5	-1.0	1	9	5	29.7	29.9	-.3	4	3	6	21.7	20.7	1.0
4	5	5	9.0	10.1	-1.1	2	9	5	31.2	31.6	-.4	5	3	6*	6.0	5.2	.8
5	5	5	10.3	10.5	-.2	3	9	5	48.2	50.4	-2.2	6	3	6*	7.7	7.9	-.1
6	5	5	51.4	51.7	-.3	0	0	6	8.7	7.9	.9	7	3	6*	.0	5.7	-5.7
7	5	5	41.8	42.2	-.4	1	0	6	125.7	127.4	-1.7	8	3	6*	7.2	8.2	-1.0
8	5	5*	.0	3.3	-3.3	2	0	6*	17.2	11.4	5.7	9	3	6*	8.8	9.6	-.8
9	5	5	34.0	33.7	.2	3	0	6	28.3	30.4	-2.1	10	3	6*	3.1	1.6	1.5
10	5	5	33.6	32.8	.9	4	0	6	27.3	26.7	.6	11	3	6*	8.9	8.7	.2
11	5	5*	10.4	9.4	1.1	5	0	6	54.1	54.7	-.6	12	3	6*	8.0	8.7	-.7
12	5	5	20.2	20.4	-.2	6	0	6*	13.3	8.4	4.9	13	3	6*	.0	4.9	-4.9
13	5	5	18.2	18.6	-.3	7	0	6	99.9	99.0	.9	0	4	6	22.9	23.6	-.7
14	5	5	31.7	33.1	-1.4	8	0	6*	9.5	9.6	-.1	1	4	6*	.0	.0	.0
15	5	5*	10.2	10.9	-.7	9	0	6*	.0	.9	-.9	2	4	6	15.2	16.1	-.9
0	6	5	33.6	33.6	.0	10	0	6	20.0	20.7	-.7	3	4	6	52.8	53.0	-.3
1	6	5*	.0	5.7	-5.7	11	0	6	11.3	10.6	.7	4	4	6*	6.9	6.7	.1
2	6	5	18.7	18.9	-.3	12	0	6	11.7	13.1	-1.4	5	4	6	17.2	16.2	1.0

h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF	h	k	l	/Fo/	/Fc/	DF
6	4	6*	9.2	9.4	-.2	10	5	6	12.0	11.1	1.0	4	1	7	21.2	21.7	-.4
7	4	6*	6.8	7.9	-1.1	0	6	6*	7.0	7.1	-.1	5	1	7*	3.6	1.9	1.7
8	4	6	11.8	11.8	.0	1	6	6	97.4	99.6	-2.3	6	1	7	13.2	14.5	-1.3
9	4	6	20.7	21.5	-.9	2	6	6	28.3	28.7	-.4	7	1	7	11.8	13.5	-1.7
10	4	6*	11.8	11.0	.8	3	6	6	12.0	12.5	-.5	0	2	7	12.1	10.9	1.2
11	4	6	37.0	38.2	-1.2	4	6	6	20.2	20.8	-.6	1	2	7	43.6	45.0	-1.4
12	4	6*	9.1	10.0	-.9	5	6	6	36.5	36.3	.2	2	2	7	48.7	49.8	-1.1
1	5	6	85.2	86.3	-1.0	6	6	6*	3.5	2.2	1.3	3	2	7*	6.2	6.7	-.5
2	5	6	16.0	17.3	-1.3	7	6	6	63.4	64.1	-.7	4	2	7	28.3	30.9	-2.6
3	5	6*	2.6	.4	2.2	8	6	6*	13.0	14.5	-1.5	5	2	7*	8.1	6.7	1.3
4	5	6	11.8	12.1	-.3	1	7	6	16.3	16.2	.1	6	2	7*	3.9	6.0	-2.1
5	5	6	37.5	38.0	-.6	2	7	6*	5.2	2.8	2.4	1	3	7*	10.2	4.0	6.1
6	5	6*	7.7	7.5	.2	3	7	6	37.7	37.7	-.1	2	3	7	35.0	35.1	-.1
7	5	6	55.4	56.2	-.9	1	1	7	43.2	44.3	-1.1	3	3	7	76.0	77.7	-1.7
8	5	6	20.8	21.3	-.5	2	1	7	15.5	14.8	.6	4	3	7	.0	16.7	-16.7
9	5	6*	9.1	4.7	4.4	3	1	7	15.8	17.8	-2.0	4	2	3	17.0	16.7	.3