Table 4

Atom	Parameter	$\beta \times 10^4$	Axis	rms (Å) Displacement	Angle with respect to a	b	c
Be^+	β_{11}	27(5)*	r_1	0.08(1)	90	30	90
	β_{22}	17(6)	r_2	0.08(1)	90	90	0
	β_{33}	15(4)	r_3	0.10(1)	0	120	90
	β_{12}	9(3)					
Ae^+	$\beta_{11} = \beta_{22}$	20(2)	r_1	0.079(3)	90	90	0
	β_{33}	14(1)	r_2	0.083(2)	90	150	90
	β_{12}	10(1)	r_3	0.083(2)	90	30	90
Si^+	β_{11}	17(2)	r_1	0.073(2)	94(21)	26(21)	90
	β_{22}	16(2)	r_2	0.078(2)	177(22)	63(22)	90
	β_{33}	14(1)	r_3	0.078(1)	90	90	0
	β_{12}	8(1)					
$O1^+$	β_{11}	35(4)	r_1	0.08(1)	143(7)	23(7)	90
	β_{22}	31(4)	r_2	0.11(1)	127(7)	113(7)	90
	β_{33}	31(2)	r_3	0.11(1)	90	90	0
	β_{12}	24(3)					
O2	β_{11}	26(2)	r_1	0.085(3)	128(12)	34(19)	121(13)
	β_{22}	24(2)	r_2	0.091(3)	111(16)	120(20)	120(15)
	β_{33}	21(2)	r_3	0.102(3)	46(8)	104(9)	135(9)
	β_{12}	11(2)					
	β_{13}	-3(2)					
	β_{23}	-0(1)					

* Numbers in parentheses represent eds's.

+ $\beta_{23} = \beta_{13} = 0$

Table 5

Atom	Parameter	β (x10^4)	Axis	rms displacement (Å)	Angle with respect to: a	b	c
Si	β_{11}	40(3)*					
	β_{22}	4.6(3)	r_1	0.065(2)	34(11)	87(34)	66(13)
	β_{33}	49(3)	r_2	0.068(2)	97(30)	162(13)	73(19)
	β_{12}	-0.4(7)	r_3	0.076(2)	123(8)	73(12)	30(10)
	β_{13}	2.8(19)					
	β_{23}	0.7(7)					
Al	β_{11}	42(3)					
	β_{22}	6.2(3)	r_1	0.068(2)	21(9)	83(8)	80(9)
	β_{33}	56(3)	r_2	0.078(2)	69(10)	96(37)	168(23)
	β_{12}	-0.6(8)	r_3	0.081(2)	95(15)	9(25)	97(37)
	β_{13}	5.6(22)					
	β_{23}	-0.4(8)					
Be	β_{11}	63(12)					
	β_{22}	5.8(13)	r_1	0.075(9)	74(44)	22(29)	79(21)
	β_{33}	94(15)	r_2	0.083(8)	163(42)	77(42)	69(22)
	β_{12}	-2(3)	r_3	0.101(8)	83(19)	107(14)	24(18)
	β_{13}	19(11)					
	β_{23}	-4(3)					
O1	β_{11}	58(7)					
	β_{22}	6.6(7)	r_1	0.071(5)	72(19)	118(16)	41(12)
	β_{33}	57(7)	r_2	0.081(5)	142(24)	128(24)	84(23)
	β_{12}	-0.1(18)	r_3	0.089(4)	122(24)	50(21)	50(12)
	β_{13}	2(5)					
	β_{23}	3(2)					
O2	β_{11}	50(6)					
	β_{22}	7.1(8)	r_1	0.071(5)	25(17)	69(13)	110(36)
	β_{33}	57(7)	r_2	0.078(5)	98(33)	98(22)	160(36)
	β_{12}	-3(2)	r_3	0.087(4)	67(12)	156(13)	90(18)
	β_{13}	12(5)					
	β_{23}	-0.2(18)					
O3	β_{11}	46(6)					
	β_{22}	5.2(7)	r_1	0.072(4)	20(99)	110(102)	96(9)
	β_{33}	89(8)	r_2	0.074(5)	110(102)	160(101)	91(14)
	β_{12}	0.2(17)	r_3	0.097(5)	95(8)	94(8)	7(8)
	β_{13}	12(6)					
	β_{23}	-0.7(17)					
O4	β_{11}	58(7)					
	β_{22}	6.5(7)	r_1	0.071(5)	73(19)	65(17)	37(19)
	β_{33}	52(7)	r_2	0.083(4)	151(94)	104(105)	56(38)
	β_{12}	-1(2)	r_3	0.084(5)	68(110)	151(59)	77(69)
	β_{13}	5(5)					
	β_{23}	-2(2)					
O5	β_{11}	88(7)					
	β_{22}	9(1)	r_1	0.081(5)	64(14)	66(17)	45(22)
	β_{33}	68(8)	r_2	0.090(5)	60(14)	51(14)	133(22)
	β_{12}	-7(2)	r_3	0.111(4)	42(8)	132(8)	102(8)
	β_{13}	5(6)					
	β_{23}	-1(2)					

* Parenthesized figures represent esd's.

Table 6a. Structure factors for beryl at room pressure.

Beryl (Dehydrated) After Cycle 9 3/10/83

FACTOR = 10.00

L	OBS	CALC
0 0 L		
2	873	944
4	946	959
6	1235	1282
8	1388	1405
10	147	149
12	741	741
1 0 L		
2	431	473
4	251*	201
6	31*	23
8	208	219
10	233	243
12	81	73
2 0 L		
2	528	518
4	608	617
6	211	204
8	248	247
10	232	231
12	168	171
3 0 L		
2	80	79
4	754	741
6	202	205
8	251	241
10	75	82
12	201	195
4 0 L		
2	122	110
4	88	100
6	270	262
8	261	267
10	38*	45
12	141	125
5 0 L		
2	103	93
4	234	244
6	235	238
8	363	377
10	53	42
6 0 L		
2	902	918
4	542	556
6	401	412
8	43*	34
10	687	674
7 0 L		
2	316	310
4	143	143
6	129	136
8	57	43
10	256	244
8 0 L		
2	331	333
4	108	98
6	490	484
8	374	358
9 0 L		
2	277	280
4	82	71
6	318	315
10 0 L		
2	214	205
4	235	218
11 0 L		
0	139	105
2	169	158
1 1 L		
0	223*	265
1	19*	0
2	920	912
3	9*	0
4	328	332
5	29*	0
6	623	617
7	32*	0
8	114	114
9	34*	0
10	446	437
11	18*	0
12	106	86
2 1 L		
0	254	244
1	706	765
2	458	494
3	182*	145
4	22*	15
5	293	310
6	428	454
7	627	630
8	116	104
9	193	204
10	234	239
11	105	88
12	78	57
3 1 L		
0	291*	239
1	381	344
2	224	234
3	481	490
4	287	306
5	136	139
6	317	321
7	165	174
8	15*	22
9	174	175
10	17*	24
11	230	219
12	101	66
4 1 L		
0	626	631
1	464	478
2	242	234
3	692	713
4	140	143
5	510	520
6	14*	2
7	304	306
8	299	305
9	363	369
10	174	166
11	337	330
5 1 L		
0	106	116
1	114	121
2	413	428
3	130	126
4	202	194
5	31*	2
6	241	233
7	131	128
8	42*	8
9	18*	2
10	293	288
11	48*	37
6 1 L		
0	444	443
1	81	69
2	28*	13
3	44	55
4	182	185
5	15*	3
6	84	92
7	66	62
8	265	256
9	46*	10
10	20*	40
7 1 L		
0	179	168
1	311	294
2	102	85
3	358	362
4	296	297
5	294	289
6	137	128
7	205	201
8	148	140
9	218	213
8 1 L		
0	323	320
1	57	46
2	38*	24
3	158	166
4	184	185
5	68	54
6	44*	64
7	82	71
8	207	202
9 1 L		
0	96	75
1	163	148
2	18*	10
3	313	311
4	252	241
5	212	203
6	73	65
10 1 L		
0	323	302
1	413	399
2	42*	54
3	198	181
4	99	91
0 2 L		
0	331*	390
2 2 L		
0	62	62
1	29	0
2	159	153
3	11*	0
4	819	818
5	12*	0
6	432	437
7	29*	0
8	247	237
9	27*	0
10	36*	7
11	58	0
12	228	216
3 2 L		
0	421	435
1	115	114
2	184	169
3	425	435
4	493	509
5	224	226
6	90	72
7	15*	33
8	297	304
9	166	165
10	109	104
11	173	165
4 2 L		
0	301	304
1	185	180
2	486	512
3	140	140
4	439	444
5	122	127
6	351	355
7	101	107
8	254	255
9	75	72
10	314	310
11	58*	58
5 2 L		
0	614	617
1	632	628
2	118	122
3	295	292
4	467	467
5	395	393
6	107	116
7	497	497
8	370	368
9	268	262
10	59	42
6 2 L		
0	15*	3
1	112	104
2	141	134
3	123	123
4	275	279
5	80	89
6	17*	9
7	68	63
8	80	66
9	74	70
7 2 L		
0	191	191
1	16*	2
2	16*	15
3	308	310
4	240	242
5	142	139
6	18*	20
7	57*	52
8	148	144
8 2 L		
0	116	117
1	43*	24
2	204	196
3	38*	15
4	258	264
5	19*	18
6	243	236
7	20*	18
9 2 L		
0	131	118
1	498	498
2	174	173
3	133	128
4	88	98
5	281	278
6	245	236
7	112	109
8	186	181
9	129	122
6 3 L		
0	197	205
1	152	157
2	16*	6
3	16*	28
4	350	363
5	93	77
6	106	78
7	147	135
8	175	174
9	20*	46
7 3 L		
0	131	118
1	498	498
2	174	173
3	133	128
4	88	98
5	281	278
6	245	236
7	467	451
8 3 L		
0	18*	25
1	306	294
2	213	207
3	279	268
4	76	61
5	262	251
6	143	138
9 3 L		
0	195	179
1	142	123
2	36*	11
3	215	193
0 4 L		
0	515	533
4 4 L		
0	132	139
1	35*	0
2	428	438
3	19*	0
4	277	257
5	34*	0
6	494	504
7	17*	0
8	31*	4
9	37*	0
10	167	156
5 4 L		
0	84	89
1	389	387
2	165	174
3	312	311
4	123	126
5	305	313
6	230	234
7	306	303
8	59	30
9	228	219
6 4 L		
0	240	230
1	82	71
2	17*	6
3	66	65
4	52*	45
5	56	59
6	107	108
7	59	52
8	115	108
7 4 L		
0	18*	24
1	45*	36
2	354	350
3	251	252
4	151	146
5	102	102
6	221	216
8 4 L		
0	188	174
1	19*	6
2	107	98
3	38*	13
4	112	101
0 5 L		
0	758	772
5 5 L		
0	167	169
1	17*	0
2	320	318
3	40*	0
4	100	104
5	44*	0
6	147	145
7	70	0
8	37*	53
6 5 L		
0	142	142
1	18*	48
2	165	156
3	50*	39
4	19*	26
5	19*	8
6	67	53
7 5 L		
0	139	122
1	19*	20
2	46*	37
3	156	145
4	123	118
0 6 L		
0	361	353
6 6 L		
0	767	767
1	19*	0
2	255	244
3	34*	0
4	485	466
0 7 L		
0	176	182
0 8 L		
0	625	633
0 9 L		
0	132	136
0 10 L		
0	49*	40

Table 6b. Structure factors for beryl at 18 kbar. Page 1 of 2.

H	K	L	F(OBS)	F(CALC)
2	-2	8	24.606	23.934
1	-2	8	10.274	13.600
-1	-2	8	10.982 *	10.807
3	-3	8	20.758	23.537
-1	-1	7	3.465 *	0.000
-2	-1	7	63.027	63.019
-3	-1	7	19.655	20.243
-4	-1	7	29.054	29.830
5	-2	7	3.911 *	3.839
4	-2	7	3.659 *	0.000
2	-2	7	3.473 *	0.000
3	-3	7	3.696 *	0.000
4	-4	7	5.216 *	0.000
-3	0	6	19.977	17.765
-4	0	6	28.472	27.243
-5	0	6	25.086	25.202
1	-1	6	3.067 *	2.135
-1	-1	6	62.663	63.108
-2	-1	6	45.480	45.394
-3	-1	6	32.225	32.463
-4	-1	6	3.688 *	0.570
-5	-1	6	24.640	22.903
6	-2	6	35.323	33.894
4	-2	6	44.691	43.337
2	-2	6	22.750	21.550
6	-3	6	57.502	58.618
-5	1	5	51.587	51.562
-6	1	5	3.593 *	2.662
-2	0	5	2.828 *	0.000
-3	0	5	3.067 *	0.000
-4	0	5	3.486 *	0.000
-5	0	5	3.145	0.000
-6	0	5	3.884 *	0.000
4	-1	5	13.252	11.962
3	-1	5	30.590	29.544
2	-1	5	3.001 *	0.000
1	-1	5	3.803 *	0.000
7	-2	5	39.535	39.498
6	-2	5	16.486	14.022
5	-2	5	24.847	23.749
4	-2	5	3.342 *	0.000
7	-3	5	32.202	31.959
6	-3	5	3.643 *	0.000
-4	1	4	29.864	30.107
-5	1	4	15.343	12.566
-6	1	4	20.177	20.173
-7	1	4	20.664	16.359
-1	0	4	21.369	20.024
-2	0	4	64.178	63.388
-3	0	4	79.257	79.056
-4	0	4	10.859	9.978
-5	0	4	25.311	25.459
-6	0	4	57.125	57.515
3	-1	4	3.344 *	1.879
2	-1	4	34.063	35.222
7	-2	4	47.540	46.467
6	-2	4	46.664	45.744
5	-2	4	50.352	52.100
4	-2	4	88.771	86.862
7	-3	4	43.459	43.647
6	-3	4	3.565 *	2.286
-7	2	3	30.501	28.916
-8	2	3	18.282	14.167
-3	1	3	17.527	14.945
-4	1	3	49.673	48.412
-5	1	3	74.167	73.514
-6	1	3	17.039	15.657
3	0	3	3.053 *	0.000
-2	0	3	2.398 *	0.000
-4	0	3	2.912 *	0.000
-5	0	3	3.224	0.000
-6	0	3	4.018 *	0.000
2	-1	3	3.683 *	0.000
6	-2	3	16.594	15.870
5	-2	3	44.575	45.336
4	-2	3	3.174 *	0.000
8	-3	3	35.216	36.746
6	-3	3	3.420 *	0.000
-4	-3	3	64.471	65.891
8	-4	3	4.194 *	0.000
-5	2	2	19.477	17.400
-6	2	2	52.452	51.752
-7	2	2	15.915	13.988
-8	2	2	18.963	14.133
-3	1	2	49.878	52.254
-4	1	2	23.298	23.397
-5	1	2	24.907	23.051
-6	1	2	42.906	43.299
-7	1	2	3.900 *	2.356
7	0	2	30.273	30.491
6	0	2	95.198	97.313
5	0	2	14.397	11.128
4	0	2	14.442 *	12.680
3	0	2	9.354	9.911
2	0	2	53.400	54.280
1	0	2	48.268	48.591
0	0	2	98.628	117.410
2	-1	2	111.047	106.707
4	-2	2	17.521	15.579
8	-3	2	20.667	17.129
6	-3	2	60.828	61.186
8	-4	2	42.353	42.465
-6	3	1	3.014 *	0.000
-7	3	1	5.648	6.230
-8	3	1	19.000	16.357
-4	2	1	2.555 *	0.000

Table 6b. Structure factors of beryl at 10 kbar. Page 2 of 2.

H	K	L	F(OBS)		F(CALC)
-5	2	1	13.506	*	11.606
-6	2	1	19.770		19.723
-7	2	1	63.342		64.302
-8	2	1	15.778		12.592
6	1	1	5.347	*	8.469
5	1	1	9.488		8.725
4	1	1	48.318		47.716
-3	1	1	85.817		87.997
-4	1	1	37.543		36.724
-8	1	1	31.722		31.005
7	0	1	3.617	*	0.000
6	0	1	2.215	*	0.000
5	0	1	3.067	*	0.000
4	0	1	2.857	*	0.000
3	0	1	2.338	*	0.000
2	-1	1	1.780	*	0.000
8	-4	1	3.538	*	0.000
8	-4	0	14.756		13.034
5	-3	0	43.307		44.684
6	-3	0	39.947		40.280
7	-3	0	14.704		13.654
8	-3	0	20.048		19.438
3	-2	0	26.089		25.781
6	-2	0	31.198		31.598
7	-2	0	60.912		63.196
8	-2	0	3.722	*	1.572
6	1	0	44.379		43.432
5	1	0	13.100		11.134
4	1	0	63.559		64.592
3	1	0	26.218		24.326
7	0	0	18.924		18.523
6	0	0	35.782		36.463
5	0	0	84.527		83.761
4	0	0	55.120		55.730
3	0	0	21.178		21.091
2	0	0	40.888		40.404
1	0	0	79.836		79.967

Table 6c. Structure factors for beryl at 36 kbar. Page 1 of 2.

H	K	L	F(OBS)		F(CALC)
2	-2	8	22.547		22.211
1	-2	8	12.627		12.207
-1	-2	8	12.997		10.217
3	-3	8	22.129		21.588
-1	-1	7	3.569	*	0.000
-2	-1	7	60.983		60.825
-3	-1	7	17.472		18.216
-4	-1	7	28.652		28.052
5	-2	7	3.788	*	3.767
4	-2	7	2.831	*	0.000
2	-2	7	3.594	*	0.000
3	-3	7	2.806	*	0.000
4	-4	7	3.926	*	0.000
-3	0	6	20.000		18.149
-4	0	6	25.041		26.360
-5	0	6	23.249		22.646
2	-1	6	60.188		60.697
1	-1	6	3.188	*	2.343
-2	-1	6	42.901		43.925
-3	-1	6	30.234		30.991
-4	-1	6	2.880	*	0.772
-5	-1	6	23.564		22.033
6	-2	6	34.178		31.807
5	-2	6	6.161	*	7.313
4	-2	6	41.658		41.674
2	-2	6	20.568		20.472
6	-3	6	54.108		55.059
-5	1	5	49.151		50.075
-6	1	5	3.207	*	1.496
-2	0	5	2.486	*	0.000
-3	0	5	3.020	*	0.000
-4	0	5	3.323		0.000
-5	0	5	2.265		0.000
-6	0	5	3.584	*	0.000
4	-1	5	14.215		12.940
3	-1	5	29.791		29.027
2	-1	5	2.215		0.000
0	-1	5	2.855		0.000
7	-2	5	37.277		37.177
6	-2	5	13.646		13.039
5	-2	5	22.852		22.480
4	-2	5	2.486	*	0.000
7	-3	5	31.893		30.807
6	-3	5	2.892	*	0.000
-4	1	4	29.036		30.013
-5	1	4	14.666		12.332
-6	1	4	19.660		18.575
-7	1	4	17.772		16.921
-1	0	4	21.961		19.764
-2	0	4	59.553		62.220
-3	0	4	76.943		75.409
-4	0	4	8.805	*	8.937
-5	0	4	24.499		23.336

H	K	L	F(OBS)		F(CALC)
-6	0	4	53.271		53.449
3	-1	4	3.717		1.925
2	-1	4	33.749		33.487
7	-2	4	44.270		43.573
6	-2	4	42.719		44.131
5	-2	4	48.949		50.264
4	-2	4	85.849		83.640
7	-3	4	41.589		41.841
6	-3	4	3.668	*	1.703
-3	1	3	17.846		14.172
-4	1	3	47.376		47.871
-5	1	3	71.048		71.874
-6	1	3	13.560		14.351
-7	1	3	3.741		4.044
6	0	3	2.708	*	0.000
5	0	3	2.535		0.000
4	0	3	2.828	*	0.000
3	0	3	2.198	*	0.000
2	0	3	1.876	*	0.000
-1	0	3	1.698		0.000
-7	0	3	3.052	*	0.000
2	-1	3	2.437	*	0.000
7	-2	3	28.509		27.347
6	-2	3	16.221		14.856
5	-2	3	42.273		42.651
4	-2	3	3.170	*	0.000
8	-3	3	31.662		34.180
7	-3	3	62.568		63.161
6	-3	3	2.621	*	0.000
-6	2	2	48.531		49.763
-7	2	2	14.971		12.127
-8	2	2	15.160		14.114
-3	1	2	47.073		51.197
-4	1	2	22.397		22.941
-5	1	2	24.652		22.357
-6	1	2	41.661		41.437
-7	1	2	2.855	*	1.546
7	0	2	31.731		30.399
6	0	2	93.056		91.998
5	0	2	9.526		9.446
4	0	2	10.769		11.925
3	0	2	7.867		8.483
2	0	2	55.275		53.374
1	0	2	41.557		47.657
0	0	2	92.232		106.398
2	-1	2	109.014		99.619
5	-2	2	18.835		16.727
4	-2	2	16.726		15.589
8	-3	2	17.230		17.009
7	-3	2	8.696		6.501
6	-3	2	57.599		58.912
8	-4	2	41.712		40.908
-8	3	1	14.350		15.706

Table 6c. Structure factors for beryl at 36 kbar. Page 2 of 2.

H	K	L	F(OBS)		F(CALC)
-4	2	1	1.945	*	0.000
-5	2	1	12.768		11.776
-6	2	1	18.126		19.023
-7	2	1	62.475		61.950
-8	2	1	12.398	*	11.088
7	1	1	28.580		28.545
6	1	1	6.646	*	7.790
5	1	1	12.145		10.299
4	1	1	46.736		46.528
3	1	1	36.964		35.373
-3	1	1	83.722		84.606
7	0	1	2.855	*	0.000
6	0	1	2.683		0.000
5	0	1	2.412		0.000
4	0	1	2.831	*	0.000
1	0	1	1.233	*	0.000
2	-1	1	1.602	*	0.000
6	-3	1	2.412	*	0.000
8	-4	1	2.855	*	0.000
5	-3	0	41.882		43.948
6	-3	0	38.466		38.061
7	-3	0	12.674		12.679
8	-3	0	18.712		19.109
3	-2	0	25.129		24.926
4	-2	0	6.304		6.440
6	-2	0	30.823		29.728
7	-2	0	57.751		59.279
8	-2	0	2.946	*	1.454
7	1	0	17.942		14.396
6	1	0	42.502		42.036
5	1	0	11.370		10.931
4	1	0	64.360		63.710
3	1	0	28.570		23.905
2	-1	0	19.840		27.709
7	0	0	17.329		16.832
6	0	0	34.978		35.002
5	0	0	78.063		79.555
4	0	0	56.223		54.617
3	0	0	19.955		19.993
2	0	0	37.095		38.988
1	0	0	74.091		73.630
8	-4	0	12.829		11.579

Table 6d. Structure factors for beryl at 57 kbar. Page 1 of 2.

H	K	L	F(OBS)		F(CALC)
0	-2	8	26.712		24.568
-1	-2	8	11.318	*	9.252
3	-3	8	25.046		23.820
-2	-1	7	60.426		60.253
-3	-1	7	21.831		23.140
-4	-1	7	29.435		28.152
2	-2	7	4.111	*	0.000
1	-2	7	4.152	*	0.000
-2	-2	7	4.397	*	0.000
-3	-2	7	4.725	*	4.212
3	-3	7	4.466	*	0.000
4	-4	7	4.589	*	0.000
-4	0	6	25.428		25.853
-5	0	6	23.549		25.474
0	-1	6	3.605	*	0.623
-1	-1	6	59.615		61.680
-2	-1	6	43.752		43.983
-3	-1	6	32.286		33.819
-4	-1	6	2.868	*	1.782
6	-2	6	30.866		30.896
5	-2	6	4.485	*	6.968
4	-2	6	42.130		44.009
2	-2	6	21.795		19.819
6	-3	6	57.862		57.693
3	-3	6	25.223		20.086
-6	1	5	4.482	*	2.436
-4	0	5	4.179	*	0.000
-5	0	5	4.203	*	0.000
4	-1	5	7.538		6.812
3	-1	5	30.003		30.907
2	-1	5	3.420	*	0.000
0	-1	5	4.479		0.000
-4	-1	5	50.299		50.234
7	-2	5	38.473		39.036
6	-2	5	17.152		15.512
5	-2	5	23.866		22.503
4	-2	5	3.742	*	0.000
2	-2	5	3.400	*	0.000
7	-3	5	30.557		29.676
-3	-3	5	4.482	*	0.000
6	-6	5	4.971	*	0.000
-4	1	4	29.683		29.682
-5	1	4	16.459		13.491
-6	1	4	18.559		17.290
-7	1	4	19.228		15.160
-2	0	4	62.923		63.779
-3	0	4	75.623		76.833
-4	0	4	9.860	*	8.227
-5	0	4	26.977		24.863
-6	0	4	55.226		55.380
2	-1	4	32.625		34.051
1	-1	4	20.779		19.449
-2	-1	4	4.179		2.156
7	-2	4	44.369		45.071
6	-2	4	42.605		43.199
5	-2	4	49.605		50.286
4	-2	4	86.253		84.657
7	-3	4	41.245		42.032
6	-3	4	4.425	*	2.657
-3	1	3	16.819		16.232
-4	1	3	48.401		46.870
-5	1	3	74.468		74.992
-6	1	3	18.177		17.203
-7	1	3	4.345	*	3.445
-1	0	3	2.513		0.000
-4	0	3	3.286	*	0.000
-6	0	3	4.201	*	0.000
-7	0	3	4.744	*	0.000
2	-1	3	2.709	*	0.000
7	-2	3	29.001		26.206
6	-2	3	21.167		17.786
5	-2	3	44.225		45.034
4	-2	3	3.878	*	0.000
8	-3	3	36.066		35.503
7	-3	3	65.982		66.404
6	-3	3	4.315	*	0.000
8	-4	3	4.616	*	0.000
5	-5	3	3.715	*	0.000
-5	2	2	18.319		16.844
-6	2	2	50.113		50.327
-7	2	2	12.474	*	12.548
-8	2	2	11.340	*	11.090
-3	1	2	48.535		51.465
-4	1	2	23.199		22.200
-5	1	2	21.970		22.860
-6	1	2	41.840		40.846
-7	1	2	4.520	*	3.223
7	0	2	31.614		30.852
6	0	2	99.369		96.330
5	0	2	8.541	*	9.634
4	0	2	14.361	*	9.790
3	0	2	11.996		9.463
2	0	2	55.901		54.984
-1	0	2	46.849		49.947
2	-1	2	110.365		105.949
4	-2	2	15.358		14.047
8	-3	2	19.927		18.752
7	-3	2	7.211		7.311
6	-3	2	58.231		60.041
8	-4	2	39.784		40.674
-7	3	1	4.050	*	6.800
-8	3	1	16.368		16.019
-4	2	1	2.950		0.000
-6	2	1	20.400		20.826
-7	2	1	61.442		63.829
-8	2	1	13.274	*	13.756

Table 6d. Structure factors for beryl at 57 kbar. Page 2 of 2.

H	K	L	F(OBS)		F(CALC)
6	1	1	9.469		8.497
5	1	1	13.506		8.944
4	1	1	47.958		47.546
-3	1	1	86.286		86.661
-4	1	1	39.644		38.118
-8	1	1	26.848		29.122
7	0	1	4.452	*	0.000
6	0	1	4.042	*	0.000
5	0	1	3.687	*	0.000
3	0	1	2.729	*	0.000
5	-2	1	10.051	*	12.560
6	-3	1	3.668	*	0.000
8	-4	1	4.315	*	0.000
8	-4	0	15.896		13.661
5	-3	0	43.400		44.095
6	-3	0	38.811		38.624
7	-3	0	15.350		12.205
8	-3	0	15.372	*	18.558
3	-2	0	23.658		24.536
4	-2	0	7.170	*	5.549
6	-2	0	25.584		28.332
7	-2	0	55.527		61.612
8	-2	0	4.534	*	4.749
7	1	0	13.028	*	14.369
6	1	0	42.457		41.969
5	1	0	15.033		12.431
4	1	0	64.657		65.133
3	1	0	27.040		25.519
1	1	0	20.676		27.045
7	0	0	16.606		17.927
6	0	0	35.138		35.517
5	0	0	85.133		81.810
4	0	0	57.575		55.144
3	0	0	20.239		19.152
2	0	0	39.123		39.152
1	0	0	78.980		79.906

Table 6e. Structure factors for euclase at room pressure.

Euclase after Cycle 17. 5/18/83 FACTOR = 10.00

K	OBS	CALC
	0 K 0	
8	457	455
10	47	8
12	330	324
14	275	269
16	7*	24
18	200	196
20	16*	273
	1 K 0	
1	168	172
2	16*	20
3	78	76
4	159	152
5	613	568
6	23	43
7	17*	9
8	361	362
9	149	147
10	156	162
11	39	41
12	414	415
13	14*	13
14	256	261
15	40	19
16	51	46
17	126	126
18	233	230
19	72	89
	2 K 0	
0	630	621
1	89	101
2	128	135
3	236	233
4	127	127
5	9*	3
6	193	198
7	92	94
8	263.	271
9	244	247
10	26*	23
11	194	194
12	60	56
13	193	190
14	76	78
15	67	27
16	15*	27
17	239	236
18	136	142
19	16*	11

K	OBS	CALC
	-6 K 1	
0	534	530
1	124	123
2	201	200
3	42*	46
4	56	64
5	72	63
6	192	198
7	30*	0
8	125	127
9	17*	15
	-5 K 1	
1	14*	1
2	115	118
3	18*	4
4	58	74
5	221	219
6	28*	19
7	14*	11
8	104	97
9	133	130
10	15*	23
11	92	87
12	252	244
13	35*	25
	-4 K 1	
0	429	435
1	85	77
2	258	253
3	260	250
4	31*	45
5	113	112
6	271	273
7	169	164
8	118	122
9	188	189
10	12*	21
11	61	59
12	219	214
13	79	60
14	15*	13
15	36*	46
16	88	109
	-3 K 1	
1	275	274
2	138	135
3	169	167
4	503	496
5	554	547
6	330	332

K	OBS	CALC
	0 K 1	
10	714	724
11	266	268
12	14*	31
13	33	22
14	145	145
15	14*	12
16	190	188
17	28*	18
18	202	203
19	42*	43
	1 K 1	
1	193	197
2	620	627
3	8*	4
4	80*	44
5	495	469
6	163	152
7	66	62
8	281	280
9	41	37
10	215	213
11	112	108
12	100	97
13	29*	7
14	28*	12
15	28*	0
16	200	202
17	178	179
18	121	113
19	58	64
	2 K 1	
0	602	584
1	171	165
2	419	401
3	53	63
4	168	174
5	38*	43
6	147	152
7	281	284
8	322	319
9	86	70
10	597	590
11	121	116
12	231	231
13	238	248
14	38	29
15	101	101
16	218	215
17	74	87
18	161	158

K	OBS	CALC
	-6 K 2	
4	176	177
5	40*	15
6	70	65
7	83	69
8	140	129
	-5 K 2	
1	209	212
2	214	217
3	38	30
4	170	168
5	214	216
6	24*	36
7	26*	13
8	204	206
9	74	89
10	84	84
11	37*	40
12	65	51
13	64	18
	-4 K 2	
0	165	147
1	90	74
2	327	327
3	44	47
4	243	248
5	29*	6
6	21*	50
7	207	215
8	204	207
9	115	114
10	368	371
11	98	91
12	235	234
13	200	205
14	59	66
15	86	89
	-3 K 2	
1	353	353
2	147	149
3	91	87
4	214	218
5	427	422
6	77	68
7	39	49
8	171	175
9	113	120
10	61	45
11	57	46
12	83	66

K	OBS	CALC
	0 K 2	
19	25*	39
	1 K 2	
1	117	121
2	207	203
3	83	80
4	129	124
5	54	50
6	540	539
7	403	401
8	493	494
9	118	122
10	166	162
11	106	101
12	363	370
13	70	73
14	146	149
15	237	238
16	49	25
17	86	54
18	105	93
	2 K 2	
0	621	624
1	59	51
2	295	295
3	322	322
4	72	64
5	158	156
6	216	219
7	88	75
8	319	325
9	82	84
10	75	62
11	95	98
12	57	50
13	44	49
14	149	156
15	68	40
16	101	90
17	57	73
	3 K 2	
1	12*	13
2	43	58
3	106	111
4	163	160
5	223	225
6	153	153
7	57	61
8	140	140
9	154	150

K	OBS	CALC
	-4 K 3	
6	216	212
7	55	49
8	137	132
9	37*	6
10	29*	25
11	15*	16
12	46*	20
13	153	149
14	90	74
	-3 K 3	
1	53	69
2	252	254
3	69	71
4	26*	24
5	289	282
6	133	129
7	131	129
8	13*	28
9	314	317
10	104	107
11	201	201
12	192	196
13	40	19
14	58	66
15	285	277
16	73	58
	-2 K 3	
0	117	121
1	288	287
2	509	512
3	559	562
4	178	176
5	111	112
6	236	232
7	205	206
8	111	107
9	34*	44
10	311	316
11	34*	20
12	124	126
13	37*	36
14	55	38
15	165	164
16	28*	16
17	188	189
	-1 K 3	
1	26*	22
2	195	197
3	178	172

K	OBS	CALC
	2 K 3	
12	22*	35
13	126	119
14	191	194
15	16*	13
16	219	221
	3 K 3	
1	157	158
2	244	248
3	169	178
4	184	187
5	270	270
6	37*	39
7	176	177
8	34*	28
9	111	103
10	70	86
11	31*	27
12	71	70
13	33*	60
14	81	90
	4 K 3	
0	228	222
1	47	56
2	40*	27
3	40	45
4	182	181
5	162	160
6	80	86
7	278	281
8	330	328
9	138	132
10	160	165
11	94	104
	5 K 3	
1	219	219
2	81	13
3	102	98
4	47	15
5	174	173
	-5 K 4	
1	115	118
2	393	392
3	108	112
4	164	165
5	67	66
6	31*	40
7	61	16

Table 6e. Structure factors for euclase at room pressure.

3 K 0		
1	132	131
2	139	146
3	95	90
4	410	411
5	599	601
6	546	547
7	30*	20
8	243	240
9	285	286
10	87	84
11	68	73
12	205	216
13	30*	4
14	211	211
15	163	161
16	86	97
17	84	70
18	30*	54

4 K 0		
0	259	259
1	183	184
2	107	110
3	228	224
4	109	109
5	97	98
6	135	133
7	196	194
8	137	140
9	110	99
10	195	189
11	105	99
12	28*	60
13	239	239
14	128	128
15	25*	11
16	112	95

5 K 0		
1	38	48
2	199	196
3	55	56
4	298	303
5	127	131
6	188	189
7	28*	7
8	73	86
9	141	133
10	26*	5
11	135	132
12	52	11
13	25*	6

6 K 0		
0	90	78
1	95	104
2	211	218
3	96	97

-3 K 1		
7	119	120
8	142	137
9	176	176
10	31*	26
11	140	137
12	186	182
13	47	15
14	203	202
15	235	241
16	95	96
17	142	140
18	35*	25

-2 K 1		
0	619	576
1	176*	154
2	20*	37
3	372	365
4	129	128
5	287	281
6	112	107
7	304	307
8	139	148
9	124	119
10	283	280
11	72	72
12	98	97
13	127	128
14	172	176
15	46	5
16	150	141
17	161	166
18	128	125
19	121	111

-1 K 1		
1	182	185
2	539	548
3	205	212
4	547	539
5	63	83
6	607	583
7	219	221
8	30	14
9	146	143
10	161	164
11	258	255
12	20*	5
13	35	8
14	72	61
15	333	334
16	212	219
17	104	98
18	225	224
19	33*	9

0 K 1		
0	256	257

3 K 1		
1	242	244
2	405	402
3	51	43
4	238	242
5	300	295
6	58	51
7	97	97
8	30*	29
9	70	60
10	93	68
11	145	147
12	74	81
13	14*	29
14	132	129
15	357	355
16	184	177
17	30*	13

4 K 1		
0	293	281
1	86	91
2	12*	8
3	240	242
4	15*	10
5	50	32
6	65	51
7	318	335
8	153	157
9	39	9
10	14*	7
11	294	300
12	104	116
13	185	191
14	50*	38
15	39*	36

5 K 1		
1	215	217
2	36*	17
3	40	15
4	277	275
5	115	111
6	289	291
7	91	91
8	201	205
9	63	38
10	31*	9
11	115	107
12	202	195

6 K 1		
0	175	177
1	47*	80
2	39*	29
3	76	89
4	52	25

-3 K 2		
13	39*	43
14	191	196
15	259	265
16	29*	20
17	16*	34

-2 K 2		
1	119	127
2	144	140
3	207	205
4	50	57
5	124	242
6	237	236
7	330	331
8	115	110
9	48	1
10	32*	40
11	268	265
12	276	280
13	418	431
14	47	41
15	124	113
16	170	169
17	143	144
18	47	26

-1 K 2		
1	187	197
2	100	93
3	368	359
4	546	545
5	233	237
6	411	414
7	225	224
8	374	376
9	86	89
10	87	76
11	65	66
12	330	328
13	64	61
14	311	315
15	157	161
16	80	77
17	93	88
18	101	88
19	125	114

0 K 2		
0	426	436
1	399	382
2	243*	214
3	180	169
4	232	229
5	349	342
6	266	270
7	174	172
8	213	218
9	43	31

3 K 2		
10	183	184
11	174	174
12	213	210
13	49	55
14	99	88
15	284	284
16	32	10

4 K 2		
0	308	314
1	260	269
2	290	295
3	382	393
4	55	37
5	69	59
6	77	84
7	120	118
8	76	75
9	95	76
10	236	238
11	22*	15
12	50	37
13	36*	28

5 K 2		
1	36*	17
2	225	226
3	45	47
4	133	127
5	207	208
6	35*	56
7	64	65
8	38*	21
9	189	196
10	17*	20

-6 K 3		
0	287	286
1	31*	21
2	27*	49
3	50	4
4	184	177
5	127	112
6	102	98

-5 K 3		
1	70	89
2	85	88
3	23*	25
4	117	115
5	139	143
6	262	261
7	169	183
8	306	304
9	220	219
10	49*	44
11	49	16

-1 K 3		
4	220	223
5	178	181
6	22*	6
7	83	77
8	219	220
9	190	185
10	18*	24
11	302	308
12	26*	25
13	25*	42
14	171	168
15	182	188
16	24*	28
17	69	72

0 K 3		
0	285	275
1	141	141
2	150	150
3	380	375
4	38*	47
5	232	233
6	21*	14
7	183	180
8	52	77
9	148	148
10	331	325
11	43	27
12	105	108
13	149	145
14	145	144
15	154	158
16	210	209
17	123	101

1 K 3		
1	48	48
2	586	590
3	437	441
4	474	482
5	97	98
6	114	116
7	84	83
8	93	86
9	205	203
10	94	85
11	231	228
12	99	94
13	63	44
14	126	131
15	30*	16
16	196	195
17	90	81

2 K 3		
0	168	164
1	96	98
2	117	115

-5 K 4		
8	26*	53
9	138	122

-4 K 4		
0	115	115
1	37*	59
2	132	135
3	43	9
4	42*	28
5	112	110
6	135	137
7	243	242
8	27*	45
9	41*	8
10	127	132
11	122	121
12	42*	29

-3 K 4		
1	266	267
2	251	257
3	68	71
4	214	221
5	210	216
6	47	46
7	177	175
8	41*	47
9	208	211
10	15*	19
11	51	34
12	73	59
13	83	76
14	17*	26

-2 K 4		
0	151	151
1	29*	17
2	64	54
3	158	152
4	205	202
5	175	172
6	36	20
7	453	470
8	248	256
9	101	95
10	89	75
11	176	173
12	155	151
13	157	155
14	84	76
15	39*	17

-1 K 4		
1	359	361
2	271	273
3	66	72
4	55	39

Table 6e. Structure factors for euclase at room pressure. Page 3 of 3.

K	OBS	CALC
6	K	O
4	166	158
5	21*	6
6	46	39
7	65	62
8	116	102

K	OBS	CALC
O	K	L
1	73	72
2	389	390
3	257	264
4	353	360
5	79	75
6	171	172
7	181	178
8	377	379
9	152	149

K	OBS	CALC
5	K	1
5	28*	3
6	188	182

-6 K 2

K	OBS	CALC
0	200	206
1	51	46
2	85	88
3	78	80

K	OBS	CALC
9	K	2
10	320	321
11	110	108
12	29*	17
13	176	179
14	46	25
15	16*	16
16	25*	9
17	64	72
18	97	92

K	OBS	CALC
2	K	3
3	57	56
4	123	117
5	242	238
6	149	145
7	140	145
8	173	170
9	31*	26
10	248	252
11	39*	36

K	OBS	CALC
-1	K	4
14	16*	4
15	89	81

K	OBS	CALC
0	K	4
0	348	340
1	15*	5
2	224	223
3	91	85
4	117	115
5	219	209
6	205	204
7	253	259
8	168	172
9	110	117
10	74	73
11	193	193
12	139	142
13	335	334
14	60	68
15	161	169

K	OBS	CALC
1	K	4
1	349	341
2	215	215
3	25*	25
4	57	60
5	33*	52
6	169	171
7	163	158
8	152	156
9	69	95
10	15*	17

K	OBS	CALC
1	K	4
11	56	56
12	263	263
13	209	210
14	195	178
15	100	62

K	OBS	CALC
2	K	4
0	196	194
1	29*	3
2	93	90
3	180	186
4	244	245
5	156	147
6	219	220
7	59	59
8	131	135
9	15*	7
10	161	165
11	84	77
12	51	36
13	205	203

K	OBS	CALC
3	K	4
1	130	124
2	23*	32
3	151	149
4	38*	48
5	103	95
7	170	174
9	155	149
10	37*	63
11	183	190

K	OBS	CALC
4	K	4
0	120	108
1	25*	39
2	86	82
3	163	170
4	196	188
5	154	141
6	115	116

-5 K 5

K	OBS	CALC
1	182	183
2	177	166
3	59	9

-4 K 5

K	OBS	CALC
0	181	177
1	98	89
2	38*	36
3	221	224
4	177	172
5	101	87
6	113	92
7	36*	16
8	41*	40
9	17*	8

-3 K 5

K	OBS	CALC
1	165	166
2	29*	28
3	33*	16
4	40*	25
5	146	139

-3 K 5

K	OBS	CALC
6	176	180
7	83	67
8	251	244
9	209	202
10	16*	25
11	177	166

-2 K 5

K	OBS	CALC
0	14*	10
1	168	170
2	39*	39
3	289	300
4	226	229
5	44	73
6	120	116
7	55	40
8	158	160
9	42*	44
10	45*	24
11	74	35
12	86	82

-1 K 5

K	OBS	CALC
1	41	18
2	65	74
3	145	145
4	14*	24
5	152	159
6	41*	34
7	105	89
8	16*	7
9	417	427

-4 K 3

K	OBS	CALC
0	264	262
1	126	130
2	185	185
3	221	224
4	48	33
5	67	84

-1 K 5

K	OBS	CALC
10	85	72
11	210	206
12	47*	21
13	127	127

0 K 5

K	OBS	CALC
0	43	65
1	168	170
2	158	159
3	280	280
4	119	121
5	197	203
6	52	40
7	75	70
8	54	50
9	91	85
10	193	193
11	59	8
12	93	87

1 K 5

K	OBS	CALC
1	36*	62
2	19*	8
3	185	184
4	63	52
5	34*	25
6	97	95
7	29*	11
8	243	249
9	243	243
10	54	44
11	143	140

K	OBS	CALC
2	K	5
0	157	155
1	103	98
2	15*	16
3	189	189
4	276	275
5	197	192
6	109	102
7	57	54
8	149	139
9	59	54

3 K 5

K	OBS	CALC
1	168	168
2	134	121
3	134	127
4	181	180
5	117	118

-3 K 6

K	OBS	CALC
1	173	166
2	129	115
3	72	76
4	42*	30
5	83	83

-2 K 6

K	OBS	CALC
0	86	100
1	62	64
2	183	183
3	42*	9
4	91	91

K	OBS	CALC
5	241	232
6	29*	5
7	215	214
8	55	56
9	14*	17
10	76	84
11	83	89
12	129	120
13	67	60

-2 K 6

K	OBS	CALC
5	43*	54
6	159	163
7	167	164

-1 K 6

K	OBS	CALC
1	381	387
2	108	100
3	63	76
4	125	123
5	142	137
6	17*	23
7	128	133

0 K 6

K	OBS	CALC
0	45	38
1	18*	1
2	62	66
3	41*	38
4	117	98
5	35*	33
6	50*	42
7	216	222

1 K 6

K	OBS	CALC
1	243	235
2	101	101
3	103	86
4	42*	42

TABLE 6f. Structure factors for euclase at 21 kbar. Page 1 of 2.

H	K	L	F(OBS)	F(CALC)
-1	0	6	2.288 *	0.000
2	3	5	17.103	17.380
2	2	5	2.254 *	0.304
2	1	5	10.871	8.072
2	0	5	12.900	12.814
2	-4	5	24.243	24.926
1	3	5	16.762	18.055
1	1	5	9.368 *	7.860
1	0	5	2.086 *	0.000
0	3	5	26.054	26.055
0	2	5	16.321	14.373
0	1	5	16.004	16.236
0	0	5	8.512	6.465
0	-4	5	9.666	10.654
0	-5	5	18.865	19.275
-1	3	5	13.038	14.060
-1	2	5	7.874	7.843
-1	1	5	2.086 *	2.057
-1	0	5	2.065 *	0.000
-1	-4	5	3.511	3.484
-1	-5	5	13.877	13.939
-2	3	5	26.641	27.179
-2	2	5	4.898	4.778
-2	1	5	16.394	17.213
-2	0	5	1.620 *	0.388
-2	-4	5	20.212	20.283
-2	-5	5	5.895 *	5.325
-3	2	5	2.138 *	2.880
-3	1	5	15.934	16.278
-3	0	5	2.138 *	0.000
-3	-3	5	2.177 *	1.265
-3	-4	5	2.138 *	1.763
-3	-5	5	14.330	13.973
-4	1	5	9.173	8.642
-4	0	5	15.496	16.872
-4	-3	5	21.466	20.352
-4	-4	5	15.344	14.855
3	3	4	14.237	13.354
3	1	4	14.146	12.192
3	0	4	2.177 *	0.000
2	3	4	17.059	17.435
2	2	4	10.245	9.232
2	1	4	2.047 *	0.603
2	0	4	17.453	18.089
2	-4	4	21.748	22.587
1	3	4	1.995 *	2.460
1	2	4	20.066	20.243
1	1	4	31.181	31.650
1	-4	4	5.849	4.395
0	2	4	20.860	21.862
0	1	4	1.866	2.527
0	0	4	31.193	32.037
0	-3	4	6.323	8.621
0	-4	4	11.974	9.730
0	-5	4	22.013	22.187
-1	3	4	8.512	7.459
-1	2	4	25.732	26.685
-1	1	4	30.872	32.382
-1	-4	4	7.131	5.409
-1	-5	4	23.102	21.605
-2	3	4	13.205	14.795
-2	2	4	4.540 *	4.893
-2	1	4	1.943 *	2.939
-2	0	4	15.291	15.228
-2	-4	4	18.599	17.626
-2	-5	4	16.543	16.757
-3	2	4	23.676	23.628
-3	1	4	25.258	25.715
-3	-3	4	8.029	6.603
-3	-4	4	21.884	23.093
-3	-5	4	21.478	20.940
-4	2	4	13.838	12.381
-4	1	4	6.719 *	5.522
-4	0	4	11.933	10.752
-4	-4	4	2.073 *	3.018
-5	2	4	35.112	35.890
-5	1	4	12.157	11.962
-5	0	4	3.077 *	0.000
-5	-3	4	10.080	9.762
-5	-4	4	17.000	15.955
4	4	3	17.738	16.358
4	3	3	3.913 *	4.217
4	2	3	2.168 *	1.319
4	1	3	7.104	5.033
4	0	3	20.190	19.994
3	4	3	18.624	17.348
3	3	3	15.854	15.689
3	2	3	22.789	23.349
3	1	3	15.592	14.917
3	0	3	2.073 *	0.000
2	4	3	11.609	10.807
2	3	3	6.472	4.924
2	2	3	13.455	12.759
2	1	3	9.229	9.020
2	0	3	13.243	12.929
1	3	3	43.160	42.688
1	2	3	56.050	56.283
1	1	3	5.494	5.517
1	0	3	1.775 *	0.000
1	-4	3	45.430	45.082
0	3	3	36.240	36.211
0	2	3	14.809	14.974
0	1	3	14.092	14.579
0	0	3	25.149	25.711
-1	3	3	17.390	16.924
-1	2	3	20.268	20.233
-1	1	3	1.607 *	0.866
-1	0	3	1.607 *	0.000
-1	-4	3	21.345	21.171
-2	3	3	53.204	52.795
-2	2	3	49.050	48.864
-2	1	3	27.511	28.042
-2	0	3	10.931	10.601
-2	-4	3	17.440	17.517
-2	-5	3	13.332	13.082
-3	3	3	7.446 *	7.708
-3	2	3	23.063	23.286
-3	1	3	3.019 *	4.077
-3	-5	3	28.569	27.232
-4	3	3	20.069	20.417
-4	2	3	17.646	17.391
-4	1	3	12.922	12.177
-4	0	3	24.976	24.113
-4	-5	3	10.293	8.400
-5	2	3	7.814 *	7.779
-5	1	3	9.458	7.758
-5	-5	3	15.911	14.118
5	4	2	10.767	10.946
5	3	2	4.936	4.435
5	2	2	20.562	19.807
5	1	2	2.203 *	1.486
5	0	2	1.542 *	0.000
4	4	2	1.982 *	3.220
4	3	2	36.474	36.156
4	2	2	26.955	27.434
4	1	2	26.212	26.197
4	0	2	27.649	27.780
3	4	2	16.942	16.740

TABLE 6f. Structure factors for Euclase at 21 kbar. Page 2 of 2.

H	K	L	F(OBS)	F(CALC)
-2	3	2	18.878	19.218
-2	2	2	15.250	14.210
-2	1	2	13.734	12.916
-2	0	2	45.646	45.993
-2	-4	2	7.424	6.863
-3	3	2	8.146	8.333
-3	2	2	13.240	13.269
-3	1	2	33.428	32.363
-3	0	2	1.385 *	0.000
-3	-4	2	20.978	21.438
-4	3	2	5.833 *	4.800
-4	2	2	31.199	31.578
-4	1	2	7.022	6.623
-4	0	2	14.641	13.766
-4	-4	2	23.270	23.043
-4	-5	2	1.899 *	1.166
-5	2	2	20.421	19.703
-5	1	2	18.808	19.121
-5	0	2	2.078 *	0.000
-5	-3	2	2.099 *	4.511
-5	-4	2	15.956	15.934
-5	-5	2	20.585	19.961
-6	2	2	7.055 *	7.144
-6	1	2	5.473 *	4.464
-6	0	2	19.099	19.470
5	4	1	26.017	25.957
5	3	1	2.151 *	0.577
5	2	1	2.157 *	1.441
5	1	1	20.589	20.611
5	0	1	2.112 *	0.000
4	4	1	2.041 *	1.356
4	3	1	21.496	22.392
4	1	1	9.108	7.837
4	0	1	26.193	25.792
3	4	1	22.888	23.262
3	3	1	1.425 *	3.586
3	2	1	38.906	38.129
3	1	1	23.029	24.013
3	0	1	3.697 *	0.000
2	2	1	40.610	36.693
2	1	1	18.428	16.800
2	0	1	58.823	55.625
1	2	1	57.726	57.506
1	1	1	19.825	18.388
0	1	1	7.476	7.977
-3	3	1	16.841	16.599
-3	2	1	13.917	14.609
-3	1	1	26.536	26.586
-3	-4	1	46.423	46.799
-4	3	1	23.722	23.356
-4	2	1	23.913	24.306
-4	1	1	7.913	6.968
-4	0	1	39.958	40.860
-4	-4	1	5.433 *	4.488
-4	-5	1	11.653	11.216
-5	3	1	2.060 *	0.287
-5	2	1	11.710	11.683
-5	1	1	2.028 *	1.870
-5	0	1	2.073 *	0.000
-5	-4	1	7.852 *	6.876
-5	-5	1	19.404	20.628
-6	2	1	17.270	18.346
-6	1	1	12.123	11.327
-6	0	1	46.619	47.194
6	3	0	5.584 *	9.957
6	2	0	19.581	19.449
6	1	0	11.531	9.328
5	3	0	6.126 *	4.203
5	2	0	18.433	17.429
5	1	0	6.971	4.707
5	0	0	4.276 *	0.000
4	3	0	21.960	21.308
4	2	0	11.470	10.844
4	1	0	17.580	18.044
4	0	0	25.889	25.641
3	3	0	9.195	9.011
3	2	0	14.572	14.335
3	1	0	12.237	12.486
2	3	0	21.268	21.911
2	1	0	9.134	9.570
2	0	0	60.948	58.483
1	1	0	15.665	16.850
1	2	0	0.889 *	0.147
3	4	0	39.358	38.825
5	4	0	27.587	27.755
1	2	5	3.952	1.369
1	-4	5	8.279	6.248
3	2	4	5.779	4.045
0	0	1	27.585	27.715
0	-2	1	36.136	37.149
-1	1	1	17.716	16.870
-1	-2	1	52.383	52.267
-2	2	1	2.986	2.449
-2	1	1	17.754	14.823
-2	0	1	61.997	53.555
-2	-3	1	22.754	33.252
3	3	2	11.044	11.408
3	2	2	6.984	6.038
3	1	2	1.866 *	1.291
2	4	2	7.599	6.486
2	3	2	31.294	30.265
2	2	2	29.593	27.988
2	1	2	5.729	4.609
2	0	2	57.494	57.704
1	3	2	8.231	7.170
1	2	2	19.213	19.125
1	1	2	12.602	12.344
1	0	2	1.451 *	0.000
1	-4	2	10.896	11.267
0	3	2	16.170	16.773
0	2	2	20.618	19.811
0	1	2	40.791	37.666
0	0	2	42.397	42.352
-1	3	2	33.515	34.255
-1	2	2	9.789	9.262
-1	1	2	20.234	20.754
-1	-4	2	50.621	51.900
3	-4	4	5.571	2.107
-4	-3	4	6.116	2.434
0	-4	3	6.854	5.294
-5	-4	3	7.288	11.008
-3	-5	2	37.917	40.549
-6	-3	1	7.968	4.308
4	4	0	11.932	9.789
2	-2	0	11.075	12.765

Table 6g. Structure factors for euclase at 42 kbar. Page 1 of 3.

H	K	L	F(OBS)		F(CALC)
2	3	5	15.432		16.257
2	2	5	1.077	*	0.148
2	1	5	10.922		7.858
2	0	5	12.228		11.541
2	-4	5	23.728		23.466
1	3	5	16.559		17.851
1	2	5	2.096	*	1.118
1	1	5	6.827		7.159
1	0	5	2.090	*	0.000
0	3	5	25.167		24.316
0	2	5	12.888		[illegible]
0	1	5	15.136		[illegible]
0	0	5	4.182	*	5.260
0	-4	5	9.820		9.943
-1	3	5	13.522		13.912
-1	2	5	7.355		7.115
-1	1	5	2.071	*	1.973
-1	0	5	2.039	*	0.000
-2	3	5	26.671		25.989
-2	2	5	6.696	*	4.853
-2	1	5	17.278		16.383
-2	-4	5	18.697		19.753
-3	3	5	2.128	*	1.490
-3	2	5	0.709	*	3.196
-3	1	5	15.160		15.274
-3	0	5	2.105	*	0.000
-3	-4	5	2.179	*	1.490
-4	2	5	2.217	*	3.535
-4	1	5	9.962		7.604
-4	0	5	16.644		15.005
-4	-3	5	18.909		19.894
3	3	4	13.717		12.095
3	1	4	12.138		11.903
3	0	4	2.110	*	0.000
2	4	4	21.646		21.686
2	3	4	16.789		17.971
2	2	4	9.835		9.138
2	1	4	1.989	*	0.440
2	0	4	15.062		14.255
1	4	4	6.210		4.923
1	3	4	4.533	*	3.217
1	2	4	18.352		19.768
1	1	4	29.309		31.263
1	0	4	1.976	*	0.000
0	4	4	9.347		9.260
0	2	4	19.818		20.916
0	1	4	1.837	*	2.267
0	0	4	29.028		30.307
0	-3	4	8.482		9.041
-1	3	4	9.536		8.489
-1	2	4	24.521		25.426
-1	1	4	31.052		32.744
-1	0	4	1.900	*	0.000

H	K	L	F(OBS)		F(CALC)
-1	-4	4	5.516	*	4.839
-1	-5	4	20.956		20.271
-2	3	4	14.583		13.937
-2	2	4	5.485	*	4.376
-2	1	4	1.925	*	2.155
-2	0	4	15.169		15.884
-2	-4	4	17.763		17.411
-2	-5	4	16.124		16.184
-3	3	4	6.767		5.932
-3	2	4	22.058		22.338
-3	1	4	23.491		24.608
-3	0	4	4.484	*	0.000
-3	-4	4	19.480		20.870
-3	-5	4	21.176		20.061
-4	2	4	12.549		12.224
-4	1	4	5.925	*	5.181
-4	0	4	11.197		[illegible]
-4	-3	4	2.090	*	2.528
-4	-4	4	2.071	*	2.773
-4	-5	4	2.176	*	8.786
-5	2	4	33.254		34.486
-5	1	4	11.033		10.321
-5	0	4	2.217	*	0.000
-5	-3	4	10.216		10.521
-5	-4	4	15.858		14.775
4	4	3	14.572		15.385
4	3	3	4.427	*	4.634
4	2	3	2.075	*	0.677
4	1	3	0.773	*	4.872
4	0	3	19.674		19.740
3	4	3	16.323		16.431
3	3	3	15.902		15.349
3	2	3	21.840		23.742
3	1	3	15.774		14.214
3	0	3	1.989	*	0.000
2	4	3	9.668		10.014
2	3	3	4.424	*	4.784
2	2	3	11.124		12.653
2	1	3	8.685		8.204
2	0	3	12.539		11.552
1	4	3	44.329		44.547
1	3	3	42.421		41.945
1	2	3	55.637		55.720
1	1	3	6.713		4.753
1	0	3	1.875	*	0.000
0	3	3	35.263		35.937
0	2	3	14.228		14.763
0	1	3	14.215		15.095
0	0	3	24.892		25.718
0	-4	3	4.368	*	4.673
-1	3	3	17.593		17.244
-1	2	3	20.077		19.647
-1	1	3	1.596	*	1.317

Table 6g. Structure factors for euclase at 42 kbar. Page 2 of ?.

H	K	L	F(OBS)	F(CALC)	H	K	L	F(OBS)	F(CALC)
-1	0	3	1.596 *	0.000	-2	3	2	19.094	19.433
-1	-4	3	20.886	21.606	-2	2	2	14.282	13.019
-2	3	3	53.249	52.615	-2	1	2	12.125	12.552
-2	2	3	48.802	48.182	-2	0	2	43.552	44.797
-2	1	3	27.821	28.458	-2	-4	2	6.950	7.493
-2	0	3	10.506	10.209	-3	3	2	8.889	8.053
-2	-4	3	16.167	16.023	-3	2	2	14.148	14.261
-3	3	3	9.275	8.072	-3	1	2	32.618	31.894
-3	2	3	22.085	22.530	-3	-4	2	21.342	27.068
-3	0	3	1.824 *	0.000	-4	2	2	29.708	30.373
-3	-4	3	2.850 *	1.494	-4	1	2	5.342 *	7.236
-3	-5	3	27.026	26.075	-4	0	2	15.150	14.889
-4	3	3	20.775	20.649	-4	-4	2	20.759	20.961
-4	2	3	16.848	17.067	-4	-5	2	1.880 *	0.406
-4	1	3	11.659	12.260	-5	2	2	20.117	19.533
-4	0	3	24.035	23.957	-5	1	2	19.322	18.902
-4	-4	3	2.077 *	3.279	-5	0	2	4.881 *	0.000
-5	2	3	10.096	7.649	-5	-3	2	5.892 *	3.942
-5	1	3	9.512	8.135	-5	-4	2	15.756	14.252
-5	0	3	2.108 *	0.000	-5	-5	2	17.963	19.808
-5	-3	3	2.115 *	3.203	-6	2	2	10.684	7.517
-5	-4	3	9.066	9.477	-6	1	2	6.054	4.812
-5	-5	3	14.128	13.365	-6	0	2	18.293	17.286
5	4	2	10.352	10.724	5	4	1	24.178	25.174
5	3	2	2.989 *	3.552	5	3	1	2.065 *	0.519
5	2	2	18.577	17.982	5	2	1	2.128 *	2.450
5	0	2	2.889 *	0.000	5	1	1	18.405	18.860
4	4	2	1.989	2.829	5	0	1	2.115 *	0.000
4	3	2	35.049	35.279	4	3	1	22.262	21.499
4	2	2	26.948	27.126	4	2	1	2.001 *	0.436
4	1	2	26.041	25.477	4	1	1	9.360	8.923
4	0	2	27.201	26.050	4	0	1	26.035	26.405
3	4	2	15.360	15.733	4	-4	1	1.921 *	1.854
3	3	2	10.960	11.109	3	4	1	22.474	22.781
3	2	2	7.630	6.660	3	3	1	1.704 *	2.621
3	1	2	1.887	2.019	3	2	1	39.049	37.820
3	0	2	1.953 *	0.000	3	1	1	22.479	23.756
2	4	2	6.129	6.867	3	0	1	1.710 *	0.000
2	3	2	31.175	29.855	2	3	1	1.590 *	4.651
2	2	2	28.929	27.212	2	2	1	37.516	36.713
2	0	2	56.857	56.925	2	1	1	18.606	17.371
1	3	2	5.915	6.573	2	0	1	56.616	55.597
1	2	2	17.948	18.240	1	2	1	56.961	57.702
1	1	2	12.187	12.151	1	1	1	19.408	18.745
1	0	2	1.419 *	0.000	1	0	1	2.733 *	0.000
0	3	2	15.409	15.850	0	1	1	7.211	7.884
0	2	2	21.080	19.848	0	0	1	28.435	27.777
0	1	2	40.290	37.894	0	-2	1	33.007	37.446
0	0	2	41.734	42.008	-1	2	1	50.524	51.942
-1	3	2	31.582	32.759	-1	1	1	17.171	16.883
-1	2	2	10.361	9.483	-2	1	1	17.010	13.524
-1	1	2	20.149	20.601	-2	0	1	59.986	54.913
-1	0	2	1.330 *	0.000	-2	-3	1	31.677	34.179

Table 6g. Structure factors for euclase at 42 kbar. Page 3 of 3.

H	K	L	F(OBS)	F(CALC)
-3	3	1	14.887	15.375
-3	2	1	13.701	13.682
-3	1	1	25.485	25.675
-3	-4	1	37.149	47.010
-4	3	1	23.044	23.122
-4	2	1	23.239	22.941
-4	1	1	5.815 *	7.015
-4	0	1	37.847	38.576
-5	3	1	2.065 *	0.147
-5	2	1	11.763	10.229
-5	1	1	2.027 *	1.720
-5	0	1	2.014 *	0.000
-5	-4	1	7.625	7.168
-6	2	1	17.484	16.743
-6	1	1	10.633	10.642
-6	0	1	46.969	46.426
-6	-3	1	5.914 *	4.039
6	2	0	19.489	18.477
6	1	0	7.924 *	8.208
6	0	0	5.408 *	8.336
5	3	0	2.052 *	3.319
5	2	0	16.162	16.133
5	1	0	5.106 *	4.624
5	0	0	2.027 *	0.000
4	3	0	21.232	20.513
4	2	0	13.170	10.765
4	1	0	16.106	16.533
3	3	0	9.791	8.799
3	2	0	15.152	14.102
3	1	0	13.222	13.123
3	0	0	1.590 *	0.000
2	3	0	21.849	22.249
2	1	0	10.235	9.846
2	0	0	61.379	59.927
1	1	0	15.769	16.525
2	2	0	13.152	13.235
3	4	0	38.423	38.682
5	4	0	27.747	27.444
1	-4	5	6.423	5.351
3	2	4	5.016	3.791
3	-4	4	7.250	2.741
-3	1	3	6.128	5.457
-4	-5	3	8.370	6.470
2	1	2	4.116	3.929
-4	3	2	5.548	4.678
-6	-3	2	8.955	5.449
-2	2	1	3.990	2.879
-4	-4	1	6.726	4.507
-4	-5	1	12.748	9.610
-5	-5	1	23.726	20.981
-5	-4	1	9.494	6.839

Table 6h. Structure factors for euclase at 62 kbar. Page 1 of 3.

H	K	L	F(OBS)	F(CALC)	H	K	L	F(OBS)	F(CALC)
2	4	5	23.172	23.863	-1	4	4	5.636	5.892
2	3	5	17.976	17.148	-1	3	4	8.909 *	8.526
2	2	5	2.004	0.525	-1	2	4	24.677	26.108
2	1	5	1.993 *	7.574	-1	1	4	30.059	32.474
2	0	5	12.194	11.634	-1	0	4	1.739 *	0.000
1	4	5	7.458	6.838	-2	4	4	18.059	16.899
1	3	5	17.175	18.375	-2	3	4	14.894	14.605
1	2	5	1.679 *	1.798	-2	2	4	6.412	5.412
1	1	5	8.909	7.602	-2	1	4	2.018 *	1.963
1	0	5	1.890 *	0.000	-2	0	4	16.538	16.364
0	4	5	12.562 *	10.106	-3	4	4	20.515	21.275
0	3	5	24.691	25.462	-3	3	4	6.545	5.337
0	2	5	14.202	14.105	-3	2	4	22.267	22.680
0	1	5	16.343	16.157	-3	1	4	25.257	26.224
0	0	5	6.617	4.970	-3	0	4	1.806 *	0.000
-1	4	5	3.189 *	3.087	-4	3	4	4.768 *	4.046
-1	3	5	13.416	14.033	-4	2	4	10.631	11.784
-1	2	5	9.830 *	7.085	-4	1	4	6.755 *	5.314
-1	1	5	3.148 *	2.151	-4	0	4	7.650 *	8.610
-1	0	5	1.853 *	0.000	-4	-4	4	3.237 *	3.242
-2	4	5	19.912	19.207	-5	2	4	35.470	36.256
-2	3	5	25.594	26.703	-5	1	4	12.175	12.111
-2	2	5	5.681 *	5.850	-5	-3	4	11.107	10.071
-2	1	5	16.070	16.669	-5	-4	4	15.912	15.112
-3	3	5	1.912 *	1.831	4	5	3	11.348	13.420
-3	2	5	3.380 *	3.256	4	4	3	15.731	15.805
-3	1	5	15.814	15.935	4	3	3	6.929	4.645
-3	0	5	1.915 *	0.000	4	2	3	1.924 *	0.855
-3	-4	5	1.957 *	1.958	4	1	3	5.442 *	5.051
-4	2	5	4.674	3.918	4	0	3	20.840	20.647
-4	1	5	10.029 *	8.233	3	5	3	24.100	24.069
-4	0	5	17.402	15.708	3	4	3	16.696	16.821
-4	-3	5	20.502	21.019	3	3	3	13.697	14.468
3	5	4	6.229 *	4.796	3	2	3	24.838	24.455
3	3	4	15.457	12.432	3	1	3	15.446	14.830
3	2	4	5.385 *	4.362	3	0	3	2.287 *	0.000
3	1	4	12.335	11.730	2	5	3	22.638	20.669
2	5	4	12.632	12.643	2	4	3	10.529	10.470
2	4	4	20.909	22.272	2	3	3	4.720	4.825
2	3	4	18.153	18.284	2	2	3	13.024	13.072
2	2	4	10.620	9.759	2	1	3	9.641	8.411
2	1	4	1.768 *	0.615	1	4	3	46.846	46.106
2	0	4	16.908	16.999	1	3	3	42.426	42.832
1	5	4	1.803 *	5.687	1	2	3	58.510	58.804
1	4	4	5.265	5.368	1	1	3	7.068	5.014
1	3	4	3.289 *	2.309	1	0	3	1.614 *	0.000
1	2	4	18.766	19.047	0	4	3	1.904 *	4.622
1	1	4	30.588	31.434	0	3	3	35.910	36.754
1	0	4	1.736 *	0.000	0	2	3	14.018	14.171
0	3	4	8.340	9.626	0	1	3	14.367	14.572
0	2	4	21.580	21.622	0	0	3	24.916	25.415
0	1	4	1.446 *	2.648	-1	4	3	22.386	23.202
0	0	4	29.283	30.550	-1	3	3	18.193	17.995

Table 6 h. Structure factors for euclase at 62 kbar. Page 2 of 3.

H	K	L	F(OBS)	F(CALC)
-1	2	3	21.943	21.110
-1	1	3	1.446 *	0.290
-1	0	3	1.443 *	0.000
-2	4	3	15.691	15.606
-2	3	3	56.145	55.616
-2	2	3	50.178	49.445
-2	1	3	27.632	28.213
-2	0	3	9.373	9.434
-3	3	3	8.351	8.305
-3	2	3	22.650	22.804
-3	1	3	4.323 *	3.702
-3	0	3	1.663 *	0.000
-3	-4	3	4.821	3.065
-4	3	3	21.291	21.288
-4	2	3	17.089	17.876
-4	1	3	12.129	12.686
-4	0	3	24.085	24.281
-4	-4	3	1.873 *	3.434
-4	-5	3	7.384	6.741
-5	2	3	6.824 *	8.036
-5	1	3	7.139	8.477
-5	0	3	1.909 *	0.000
-5	-3	3	3.563 *	2.696
5	5	2	17.194	17.197
5	4	2	14.038	11.846
5	3	2	2.017 *	3.756
5	2	2	18.461	18.196
5	1	2	2.042 *	1.650
5	0	2	2.011 *	0.000
4	5	2	5.467 *	4.411
4	4	2	4.586 *	3.653
4	3	2	36.729	35.759
4	2	2	27.949	27.733
4	1	2	26.114	26.861
4	0	2	27.317	26.730
3	5	2	20.866	20.785
3	4	2	16.261	16.486
3	3	2	10.539	11.285
3	2	2	7.555	6.574
3	1	2	1.723 *	2.149
2	5	2	13.734	14.061
2	4	2	8.734	7.426
2	3	2	31.058	29.994
2	2	2	28.696	28.455
2	0	2	60.416	60.059
1	4	2	9.867	9.815
1	3	2	6.941	5.425
1	2	2	18.501	17.763
1	1	2	12.654	12.226
1	0	2	1.267 *	0.000
0	3	2	15.378	16.244
0	2	2	20.625	19.391
0	1	2	41.609	39.220
0	0	2	45.599	44.749
-1	3	2	34.029	34.266
-1	2	2	9.443	10.561
-1	1	2	21.239	21.416
-1	0	2	1.893 *	0.000
-2	3	2	18.843	19.545
-2	2	2	13.561	13.372
-2	1	2	13.096	12.249
-2	0	2	46.337	46.756
-2	-4	2	7.709	7.917
-3	3	2	8.743	7.741
-3	2	2	15.267	14.431
-3	1	2	32.591	31.778
-3	0	2	1.519 *	0.000
-3	-4	2	20.722	22.153
-4	3	2	4.915	4.679
-4	2	2	31.070	30.991
-4	1	2	5.594 *	7.040
-4	0	2	15.159	14.965
-4	-4	2	20.783	20.198
-5	2	2	19.670	19.987
-5	1	2	18.914	19.436
-5	0	2	1.575 *	0.000
-5	-3	2	4.118 *	5.047
-5	-4	2	14.874	14.634
-6	1	2	2.038 *	3.890
-6	0	2	18.677	17.272
-6	-2	2	7.270 *	7.359
5	5	1	10.105	9.017
5	4	1	26.523	26.506
5	3	1	1.919 *	0.353
5	2	1	1.890 *	2.954
5	1	1	19.146	19.184
5	0	1	2.161 *	0.000
4	5	1	1.774 *	3.520
4	4	1	2.285 *	1.328
4	3	1	20.894	21.457
4	2	1	1.824	0.196
4	1	1	8.115	7.318
4	0	1	25.807	25.980
3	5	1	26.637	25.567
3	4	1	25.468	24.615
3	2	1	38.616	38.710
3	1	1	24.632	24.332
3	0	1	1.503 *	0.000
2	4	1	16.627	17.291
2	3	1	6.907 *	5.110
2	2	1	35.992	36.400
2	1	1	18.721	18.085
2	0	1	63.359	58.586
1	3	1	1.068 *	1.140
1	2	1	60.232	61.391
1	1	1	19.129	18.900

Table 6h. Structure factors of euclase at 62 kbar. Page 3 of 3.

H	K	L	F(OBS)	F(CALC)
1	0	1	0.955 *	0.000
0	2	1	35.475	38.769
0	1	1	7.108	7.677
0	0	1	28.023	27.770
-1	2	1	54.540	55.949
-1	1	1	16.828	16.272
-2	2	1	2.845	2.876
-2	1	1	17.572	15.128
-2	0	1	64.456	57.606
-2	-3	1	34.043	34.728
-3	3	1	15.417	16.414
-3	2	1	14.935	14.467
-3	1	1	25.710	25.813
-3	-4	1	50.608	49.899
-4	3	1	24.853	24.321
-4	2	1	23.947	23.472
-4	1	1	7.581	7.912
-4	0	1	38.286	39.234
-4	-5	1	11.864	10.336
-5	2	1	10.951	10.448
-5	1	1	4.002 *	3.174
-5	0	1	1.805 *	0.000
-5	-3	1	1.853 *	0.390
-5	-4	1	8.427	7.977
-5	-5	1	19.255	21.590
-6	1	1	13.164	12.225
-6	0	1	48.710	47.709
-6	-2	1	18.806	17.574
-6	-4	1	2.049 *	7.307
6	2	0	19.987	19.015
6	1	0	8.396	8.941
6	0	0	6.900	7.680
5	4	0	28.347	28.269
5	3	0	4.135 *	3.292
5	2	0	16.801	16.432
5	1	0	4.338 *	5.478
5	0	0	1.872 *	0.000
4	4	0	9.524	8.863
4	3	0	20.550	21.090
4	2	0	12.184	11.613
4	1	0	17.752	17.613
4	0	0	25.474	25.482
3	4	0	39.114	39.064
3	3	0	8.933	9.313
3	2	0	14.659	14.615
3	1	0	14.571	14.171
3	0	0	1.446 *	0.000
2	3	0	22.100	23.020
2	2	0	13.428	13.518
2	1	0	10.616	9.886
2	0	0	65.893	63.527
1	2	0	1.837 *	1.227
1	1	0	15.596	16.216
5	5	0	12.202	10.641
-5	0	4	2.024 *	0.000
0	4	4	1.855 *	8.508
-5	-4	3	7.738	10.243
2	1	2	3.592	4.251
-5	-5	2	17.830	20.636
3	3	1	4.632	2.652
-4	-4	1	6.951	4.251
-6	-3	1	7.496	4.546
4	5	0	9.415	6.883