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A high-temperature structural study of high albite, monalbite, and the analbite → monalbite phase transition

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Abstract

The crystal structures of an albite sample from Tiburon, Marin County, California, annealed at 1080°C for 60 days, were refined from X-ray intensity data collected at 25, 500, 750, 980, and 1040°C to *R* factors of 0.034, 0.036. 0.037, 0.037, and 0.039 for 2443, 1993, 2013, 2016, and 2018 reflections, respectively. The crystal structures of a second albite sample from Amelia, Virginia, annealed at temperatures up to 1110°C for 133 days, were also refined to *R* factors of 0.040 and 0.044 based on 2018 and 430 reflections collected at 980 and 1060°C respectively.

The Tiburon sample failed to attain monoclinic symmetry with respect to either unit-cell dimensions or atomic parameters within the temperature range of study, which is in agreement with an earlier high-temperature investigation by Prewitt *et al.* (1976). Extrapolation of monoclinic indicators based on atomic positions and bond lengths related by pseudo-monoclinic symmetry indicates that monoclinic symmetry would be attained within the temperature range 1050–1075°C for the Tiburon sample and 1105–1110°C for the synthetic albite sample studied by Prewitt *et al.* (1976). The Amelia sample was found to be definitely monoclinic at 980°C. The variable inversion temperatures of these albite samples reflect differences in the degree of Al/Si disorder created by the different annealing times and temperatures. These differences in Al/Si disorder are too slight to be measured by current indirect methods.

The spatial disorder associated with the sodium atom in high albite is attributed to the response of Na to differences in the local Al/Si configurations created by Al/Si disorder. Previous interpretations restricting the number of such configurations to four and assuming isotropic Na quarter-atoms are inadequate. Changes in the electron density distribution about the Na atom as a function of temperature reflect changes in the shape of the aluminosilicate cage surrounding Na as monoclinic symmetry is gradually approached with increasing temperature.

Introduction

Since the first structural analyses of low and high albite were made by Ferguson *et al.* (1958), there have been several unresolved crystallographic problems with regard to the highly anisotropic electron density distribution of the Na atom in both structures, as well as the degree and effects of Al/Si ordering in the tetrahedral positions of the aluminosilicate framework. In addition, considerable controversy has arisen over analbite and the monoclinic → triclinic inversion in "completely" disordered structures. Excellent summaries of the extensive literature devoted to these problems may be found in Ribbe *et al.* (1969), Smith (1974), and Prewitt *et al.* (1976).

In a high-temperature study of low albite, Winter *et al.* (1977) have shown that the anisotropy of the Na atom in low albite is solely the result of thermal vibration. As the Na anisotropy is quite different in the ordered and disordered forms of albite, a knowledge of the properties of low albite is expected to aid the interpretation of a similar series of high-temperature refinements of the more complex high structural state. In addition to the Na behavior, in this paper we discuss the effects of Al/Si disordering on the thermal response of the crystal, as well as on the triclinic → monoclinic transformation.

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A HIGH TEMPERATURE STRUCTURAL STUDY OF HIGH ALBITE, MONALBITE, AND THE ANALBITE → MONALBITE PHASE TRANSITION

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Table 8. High albite and monalbite: comparison of observed and calculated structure factors.

1/7 High Albite : 25°C

FWA OF THE LOAD 111
LWA+1 OF THE LOAD 74743

TRANSFER ADDRESS -- REFINE 112

********* ERROR SUMMARY

NE4105/// CM BLANK COMMON TRUNCATED BY 20700B WORDS

PROGRAM AND BLOCK ASSIGNMENTS.

BLOCK	ADDRESS	LENGTH	FILE	DATE	PROCSSR	VER LEVEL	HARDWARE	COMMENTS
REFINE	111	10575	RFINE	05/14/76	RUN	F EB 74 B	646X I	
/A/	10706	1355						
/C/	12263	457						
/D/	12742	3244						
/E/	16206	10						
/F/	16216	174						
/G/	16412	2307						
/LS/	20721	334						
/TAPE/	21255	6						
/DEGEN/	21263	311						
RFINE	21574	5726	RFINE	05/14/76	RUN	F EB 74 B	646X I	
BODAN1	27522	1147	RFINE	05/14/76	RUN	F EB 74 B	646X I	
ELVIB1	30671	1312	RFINE	05/14/76	RUN	F EB 74 B	646X I	
INPUT	32203	241	RFINE	05/14/76	RUN	F EB 74 B	646X I	
MATRIX	32444	231	RFINE	05/14/76	RUN	F EB 74 B	646X I	
MODIFY	32675	115	RFINE	05/14/76	RUN	F EB 74 B	646X I	
RCALC	33012	152	RFINE	05/14/76	RUN	F EB 74 B	646X I	
RESET	33164	73	RFINE	05/14/76	RUN	F EB 74 B	646X I	
SFAC	33257	476	RFINE	05/14/76	RUN	F EB 74 B	646X I	
SYMINV	33755	361	RFINE	05/14/76	RUN	F EB 74 B	646X I	
WEIGHT	34336	12	RFINE	05/14/76	RUN	F EB 74 B	646X I	
ASINCOS	34350	136	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
EXP	34506	55	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
SINCOS	34563	72	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
SQRT	34655	44	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
ACGOER	34721	12	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
ENDFIL	34733	57	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
GETBA	35012	17	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
INPUTB	35031	256	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
KRAKER	35307	1052	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
OUTPTB	36361	244	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
SIO$	36625	1504	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
INPUTC	40331	121	SL-RUN2P3	03/17/75	COMPASS	3. 74190		
KODER	40452	1310	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
OUTPTC	41762	71	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
REWINM	42053	63	SL-RUN2P3	02/19/75	COMPASS	3. 74190		
SYSTEM	42136	1122	SL-RUN2P3	03/04/75	COMPASS	3. 74190		
//	43260	31463						

.713 CP SECONDS 57300B CM STORAGE USED 2 TABLE MOVES

LABELS AND CYCLES AT INPUT

A1080-1 R

TIBURON HI ALBITE AT 25 DEGREES CENTIGRADE. FO-FC TABLE STRUCTURE FACTORS

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	0	4	43.812	42.608	42.608	.063	1.204	3.6133	1.0000
0	0	5	45.165	47.323	47.322	.225	-2.158	-6.1926	1.0000
0	0	6	5.268	4.001	-3.997	.178	1.267	1.4898	1.0000
0	0	7	39.348	38.984	-38.977	-.709	.364	1.2473	1.0000
0	0	9	34.172	34.236	34.229	.671	-.064	-.1708	1.0000
0	2	-9	46.026	44.575	-44.570	-.691	1.451	4.1627	1.0000
0	2	-8	11.828	12.308	-12.308	-.039	-.480	-.8361	1.0000
0	2	-7	41.834	41.880	41.876	.596	-.047	-.1622	1.0000
0	2	-6	21.493	22.092	22.092	.001	-.599	-1.9152	1.0000
0	2	-5	53.139	54.540	-54.539	-.263	-1.401	-3.4169	1.0000
0	2	-4	67.191	66.327	-66.326	-.320	.864	1.6220	1.0000
0	2	-2	81.730	81.396	81.395	.445	.334	.5131	1.0000
0	2	-1	17.629	17.475	17.475	.069	.154	.7730	1.0000
0	2	0	33.019	31.549	-31.549	-.162	1.470	3.9834	1.0000
0	2	1	15.569	15.133	-15.133	-.086	.436	2.1257	1.0000
0	2	2	14.293	14.027	14.026	.156	.267	1.1557	1.0000
0	2	3	34.910	34.683	34.681	.347	.227	.8061	1.0000
0	2	4	42.756	42.806	-42.804	-.443	-.050	-.1493	1.0000
0	2	5	18.951	17.400	-17.396	-.400	1.551	5.1302	1.0000
0	2	6	22.277	21.784	21.778	.469	.494	1.5799	1.0000
0	2	9	14.242	14.353	14.351	.266	-.112	-.1943	1.0000
0	4	-9	17.255	17.639	-17.637	-.255	-.383	-.7633	1.0000
0	4	-8	9.578	8.366	8.366	.058	1.212	1.7785	1.0000
0	4	-7	21.452	21.803	21.800	.328	-.350	-.9909	1.0000
0	4	-6	39.328	38.939	-38.937	-.470	.388	1.4564	1.0000
0	4	-5	28.981	31.345	-31.345	.082	-2.364	-9.2268	1.0000
0	4	-4	40.353	40.174	40.172	.327	.179	.6349	1.0000
0	4	-3	60.488	60.889	-60.886	-.618	-.401	-.8152	1.0000
0	4	-2	13.037	10.186	-10.180	.341	2.852	11.3562	1.0000
0	4	-1	98.437	97.112	97.110	.532	1.325	2.0689	1.0000
0	4	0	158.207	153.397	-153.395	-.711	4.810	7.9543	1.0000
0	4	1	9.363	10.847	10.845	.200	-1.484	-4.7473	1.0000
0	4	2	35.059	36.823	36.819	.527	-1.764	-7.0243	1.0000
0	4	3	50.156	49.815	-49.813	-.457	.341	.8429	1.0000
0	4	4	13.340	13.811	-13.811	-.073	-.471	-1.3923	1.0000
0	4	5	50.459	51.641	-51.641	-.071	-1.182	-3.2494	1.0000
0	4	6	11.269	9.346	-9.343	-.228	1.924	4.1249	1.0000
0	4	7	37.349	37.471	37.468	.481	-.122	-.3958	1.0000
0	4	9	29.621	28.237	-28.234	-.427	1.384	3.4631	1.0000
0	6	-9	30.831	30.127	30.123	.515	.704	1.8064	1.0000
0	6	-8	7.846	8.019	8.017	.170	-.173	-.2149	1.0000
0	6	-7	20.130	20.435	-20.429	-.473	-.304	-.8027	1.0000
0	6	-6	22.867	22.603	-22.602	-.241	.264	.8308	1.0000
0	6	-5	24.604	25.158	25.157	.215	-.554	-1.9660	1.0000
0	6	-4	58.617	58.798	58.796	.475	-.181	-.3881	1.0000
0	6	-3	9.506	8.608	8.607	-.116	.899	2.3695	1.0000
0	6	-2	68.554	68.856	-68.854	-.551	-.302	-.5077	1.0000
0	6	0	96.264	93.760	93.759	.426	2.504	3.3010	1.0000
0	6	1	76.933	75.526	75.524	.458	1.407	1.7493	1.0000
0	6	2	60.288	59.178	-59.178	-.257	1.109	2.2091	1.0000
0	6	3	103.480	104.136	-104.131	-.970	-.656	-.6885	1.0000
0	6	4	53.723	54.496	54.495	.310	-.773	-1.9838	1.0000
0	6	5	45.903	45.220	45.213	.787	.682	2.1832	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	6	6	40.624	40.300	-40.298	-.453	.324	1.1281	1.0000
0	6	7	15.574	14.617	-14.614	-.271	.957	2.1475	1.0000
0	6	8	15.128	15.042	15.042	.157	.086	.1627	1.0000
0	8	-8	15.262	15.142	-15.139	-.280	.120	.2339	1.0000
0	8	-6	48.568	48.964	48.957	.871	-.397	-1.4074	1.0000
0	8	-5	10.173	10.256	-10.254	-.209	-.083	-.1710	1.0000
0	8	-4	70.312	71.431	-71.424	-.988	-1.119	-2.0029	1.0000
0	8	-3	63.409	63.767	63.765	.560	-.358	-.6920	1.0000
0	8	-2	63.860	63.857	63.855	.466	.003	.0063	1.0000
0	8	-1	56.675	54.877	-54.876	-.254	1.798	3.8985	1.0000
0	8	0	57.480	56.841	56.841	.130	.639	1.3845	1.0000
0	8	1	19.479	19.356	-19.352	-.380	.124	.5032	1.0000
0	8	3	66.176	66.338	66.334	.673	-.161	-.2998	1.0000
0	3	4	40.045	40.720	-40.719	-.298	-.675	-2.6868	1.0000
0	8	5	26.321	25.871	-25.865	-.566	.450	1.4637	1.0000
0	8	6	24.102	25.079	25.078	.253	-.977	-2.8038	1.0000
0	8	7	26.572	26.056	26.055	.294	.516	1.3788	1.0000
0	10	-7	8.599	7.796	-7.796	-.050	.803	1.1197	1.0000
0	10	-6	6.570	6.331	-6.330	-.139	.239	.2909	1.0000
0	10	-5	10.183	10.710	-10.710	.049	-.527	-1.0185	1.0000
0	10	-3	18.357	19.234	19.233	.171	-.877	-2.8062	1.0000
0	10	-2	26.603	27.455	-27.455	-.044	-.852	-3.3249	1.0000
0	10	-1	39.025	40.328	-40.327	-.252	-1.303	-4.5404	1.0000
0	10	0	50.602	51.514	51.513	.332	-.912	-2.4052	1.0000
0	10	2	55.824	57.350	-57.349	-.348	-1.526	-3.5438	1.0000
0	10	3	23.523	23.571	23.567	.421	-.048	-.1659	1.0000
0	10	4	11.049	10.569	-10.568	-.156	.480	1.0175	1.0000
0	10	5	20.197	19.934	-19.928	-.467	.263	.7235	1.0000
0	10	6	20.965	21.739	21.734	.463	-.773	-1.8864	1.0000
0	12	-7	10.065	10.519	10.514	.302	-.454	-.6276	1.0000
0	12	-6	25.562	25.460	-25.451	-.655	.103	.2789	1.0000
0	12	-4	46.374	46.457	46.449	.840	-.083	-.2930	1.0000
0	12	-3	25.757	26.578	-26.577	-.306	-.821	-2.7159	1.0000
0	12	-2	38.636	38.907	-38.905	-.396	-.272	-1.0191	1.0000
0	12	-1	36.606	36.874	36.874	.168	-.268	-1.0459	1.0000
0	12	0	19.582	20.774	-20.774	-.053	-1.192	-3.8140	1.0000
0	12	1	10.762	9.590	9.584	.362	1.172	2.5979	1.0000
0	12	2	5.847	5.530	-5.530	.058	.317	.4153	1.0000
0	12	3	54.558	54.165	-54.160	-.711	.394	1.0248	1.0000
0	12	4	13.980	14.997	14.997	.024	-1.016	-2.2036	1.0000
0	12	5	20.556	20.128	20.120	.555	.428	1.0571	1.0000
0	12	7	18.670	17.507	-17.504	-.314	1.162	2.3145	1.0000
0	14	-7	25.855	25.016	25.015	.189	.839	1.9723	1.0000
0	14	-6	15.841	16.114	16.109	.375	-.273	-.5438	1.0000
0	14	-5	11.085	11.572	-11.572	-.024	-.487	-.8195	1.0000
0	14	-2	25.004	24.983	24.980	.366	.021	.0656	1.0000
0	14	-1	37.698	37.001	36.995	.662	.697	2.4292	1.0000
0	14	0	40.004	39.727	-39.721	-.644	.277	.9842	1.0000
0	14	1	22.580	22.553	-22.548	-.471	.027	.0795	1.0000
0	14	2	38.226	38.371	38.367	.540	-.145	-.4880	1.0000
0	14	4	8.487	8.711	8.711	-.002	-.225	-.2982	1.0000
0	14	5	7.011	7.487	-7.487	.019	-.476	-.5102	1.0000
0	14	6	23.825	23.221	-23.216	-.481	.604	1.3875	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	16	-4	7.298	7.524	-7.522	-.174	-.227	-.2541	1.0000
0	16	-3	24.127	24.918	24.916	.377	-.791	-2.0577	1.0000
0	16	-1	45.016	45.349	-45.347	-.451	-.333	-1.0653	1.0000
0	16	0	23.456	24.002	24.000	.271	-.546	-1.4788	1.0000
0	16	1	25.106	24.528	24.528	.150	.578	1.5886	1.0000
0	16	2	12.540	12.901	-12.899	-.183	-.360	-.6512	1.0000
0	18	-4	10.747	10.185	-10.184	-.118	.562	.8002	1.0000
0	18	-3	9.568	11.008	11.003	.313	-1.440	-1.8608	1.0000
0	18	-1	32.296	31.949	-31.944	-.588	.347	.9405	1.0000
0	18	0	21.668	20.854	20.851	.371	.813	1.9355	1.0000
0	18	1	12.392	12.361	12.355	.358	.031	.0520	1.0000
0	18	2	29.852	29.243	-29.239	-.435	.609	1.5644	1.0000
0	18	3	6.913	7.666	7.666	.051	-.753	-.7238	1.0000
1	-19	-1	31.415	30.942	-30.940	-.387	.473	1.2135	1.0000
1	-19	1	18.126	17.645	17.643	.239	.482	.9589	1.0000
1	-17	-4	25.557	24.755	-24.751	-.437	.802	1.9094	1.0000
1	-17	-3	14.411	13.181	-13.177	-.298	1.230	2.3083	1.0000
1	-17	-2	7.446	6.005	6.001	.230	1.441	1.6842	1.0000
1	-17	-1	6.626	5.840	5.840	-.031	.786	.8292	1.0000
1	-17	0	18.249	17.480	17.476	.354	.769	1.7664	1.0000
1	-17	1	7.293	5.533	-5.533	-.064	1.760	2.0935	1.0000
1	-17	2	44.821	44.620	-44.613	-.768	.201	.6041	1.0000
1	-17	3	20.909	20.735	20.730	.458	.174	.3987	1.0000
1	-17	4	37.001	36.622	36.616	.621	.379	1.0139	1.0000
1	-15	-5	30.093	29.160	-29.154	-.579	.933	2.4268	1.0000
1	-15	-4	14.068	13.315	13.312	.280	.753	1.4840	1.0000
1	-15	-3	28.007	26.910	26.909	.309	1.096	3.1007	1.0000
1	-15	-1	12.535	11.834	-11.833	-.205	.701	1.4098	1.0000
1	-15	0	10.813	11.537	-11.536	-.205	-.724	-1.3587	1.0000
1	-15	1	30.047	30.602	30.601	.249	-.555	-1.7198	1.0000
1	-15	2	17.942	18.793	18.792	.232	-.851	-2.1293	1.0000
1	-15	3	17.363	17.079	-17.078	-.105	.284	.6758	1.0000
1	-15	6	14.185	13.221	13.218	.271	.965	1.6662	1.0000
1	-13	-7	14.677	14.814	14.812	.204	-.136	-.2394	1.0000
1	-13	-6	10.419	9.564	-9.564	-.037	.854	1.2824	1.0000
1	-13	-5	22.236	22.085	-22.082	-.340	.152	.3891	1.0000
1	-13	-4	24.404	24.196	24.193	.390	.208	.5892	1.0000
1	-13	-3	13.237	13.379	-13.379	-.054	-.141	-.3209	1.0000
1	-13	-2	16.456	16.050	-16.046	-.391	.405	1.0688	1.0000
1	-13	-1	26.085	25.376	25.372	.474	.709	2.3441	1.0000
1	-13	0	5.981	4.711	-4.708	-.151	1.270	1.6741	1.0000
1	-13	1	22.221	22.183	-22.180	-.324	.038	.1187	1.0000
1	-13	2	37.073	36.778	36.772	.646	.295	1.0469	1.0000
1	-13	4	27.361	27.227	-27.222	-.486	.134	.4034	1.0000
1	-13	5	29.867	29.653	29.650	.399	.214	.6153	1.0000
1	-13	7	10.285	9.935	-9.934	-.132	.350	.4554	1.0000
1	-11	-7	26.341	25.570	-25.565	-.512	.771	1.9539	1.0000
1	-11	-6	7.882	7.026	7.026	.031	.856	1.1063	1.0000
1	-11	-5	14.288	13.570	13.560	.508	.718	1.6289	1.0000
1	-11	-4	28.730	29.433	-29.432	-.138	-.703	-2.3250	1.0000
1	-11	-3	18.157	17.882	-17.877	-.409	.276	.8145	1.0000
1	-11	-2	9.363	10.310	10.309	-.123	-.947	-1.9452	1.0000
1	-11	0	7.528	5.718	5.705	.385	1.810	3.2704	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-11	1	19.090	18.907	-18.904	-.359	.183	.6038	1.0000
1	-11	2	24.307	24.590	-24.588	-.306	-.283	-1.0035	1.0000
1	-11	5	20.084	19.746	19.743	.331	.338	.9036	1.0000
1	-11	6	37.657	37.709	-37.706	-.532	-.053	-.1578	1.0000
1	-11	7	27.105	26.914	-26.910	-.449	.191	.4900	1.0000
1	-9	-8	39.312	39.794	39.791	.550	-.482	-1.3250	1.0000
1	-9	-7	10.193	9.091	-9.090	.129	1.102	1.7073	1.0000
1	-9	-6	7.041	7.915	-7.913	-.175	-.874	-1.1215	1.0000
1	-9	-4	45.462	46.185	-46.181	-.617	-.723	-2.2384	1.0000
1	-9	-3	55.348	56.275	56.273	.499	-.927	-2.0107	1.0000
1	-9	-2	62.568	60.731	60.724	.901	1.837	3.4807	1.0000
1	-9	-1	63.450	62.815	-62.809	-.867	.635	1.0968	1.0000
1	-9	0	35.663	35.224	-35.221	-.405	.440	1.9505	1.0000
1	-9	1	77.435	78.271	78.268	.719	-.836	-1.1815	1.0000
1	-9	2	16.138	16.813	16.813	-.014	-.675	-2.2339	1.0000
1	-9	3	27.500	29.187	-29.187	-.009	-1.688	-6.3338	1.0000
1	-9	4	11.439	11.620	-11.619	-.095	-.181	-.4108	1.0000
1	-9	5	26.136	26.041	-26.037	-.485	.095	.3044	1.0000
1	-9	6	26.879	27.225	27.222	.385	-.345	-1.0058	1.0000
1	-9	7	17.701	16.823	16.819	.389	.878	1.9460	1.0000
1	-9	8	26.362	25.209	-25.206	-.411	1.153	2.8111	1.0000
1	-7	-9	16.804	15.873	15.870	.297	.931	1.7639	1.0000
1	-7	-8	21.181	21.260	-21.259	-.256	-.079	-.1844	1.0000
1	-7	-4	7.375	7.766	7.765	.071	-.391	-.6816	1.0000
1	-7	-3	5.166	5.461	5.460	-.104	-.295	-.4325	1.0000
1	-7	-2	4.551	1.273	-1.271	.072	3.278	4.8097	1.0000
1	-7	-1	35.761	34.411	34.411	.040	1.350	5.2674	1.0000
1	-7	0	62.845	60.109	60.109	.088	2.736	5.5615	1.0000
1	-7	1	30.308	30.162	30.162	.193	.146	.7292	1.0000
1	-7	2	43.094	42.779	-42.778	-.350	.315	.9601	1.0000
1	-7	3	22.324	23.062	-23.062	-.019	-.738	-2.8255	1.0000
1	-7	4	70.558	73.325	73.324	.323	-2.767	-4.9527	1.0000
1	-7	5	19.167	18.812	-18.807	-.403	.355	1.0656	1.0000
1	-7	6	7.052	7.716	-7.716	.057	-.665	-.8762	1.0000
1	-7	7	29.493	29.514	29.511	.401	-.021	-.0594	1.0000
1	-7	8	19.433	19.073	-19.068	-.409	.361	.8089	1.0000
1	-5	-9	17.101	16.664	16.661	.307	.438	.8717	1.0000
1	-5	-8	44.580	44.426	-44.424	-.441	.155	.4719	1.0000
1	-5	-7	13.509	12.602	12.601	.065	.907	1.9893	1.0000
1	-5	-6	8.487	10.652	10.652	.048	-2.166	-3.5512	1.0000
1	-5	-5	55.240	57.401	-57.400	-.353	-2.161	-4.5840	1.0000
1	-5	-4	12.848	11.290	11.277	.558	1.558	4.6048	1.0000
1	-5	-3	23.231	23.009	-23.009	-.081	.222	1.0299	1.0000
1	-5	-2	23.656	20.669	20.655	-.771	2.987	15.3357	1.0000
1	-5	-1	40.230	43.755	43.748	.786	-3.526	-10.1172	1.0000
1	-5	0	29.688	24.250	-24.244	.531	5.438	23.0692	1.0000
1	-5	1	41.434	44.302	-44.297	-.655	-2.868	-7.9946	1.0000
1	-5	3	18.567	18.446	-18.446	-.074	.121	.4711	1.0000
1	-5	4	12.581	12.203	-12.202	.111	.379	1.0411	1.0000
1	-5	5	52.811	52.243	52.241	.500	.568	1.4970	1.0000
1	-5	6	20.089	20.516	-20.513	-.356	-.427	-1.2445	1.0000
1	-5	7	38.390	38.234	-38.231	-.496	.155	.4888	1.0000
1	-5	8	19.823	19.409	19.406	.326	.414	.9275	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-5	9	25.798	24.688	24.685	.384	1.111	2.5800	1.0000
1	-3	-9	23.958	23.883	-23.877	-.494	.076	.1826	1.0000
1	-3	-8	15.948	15.370	15.369	.170	.579	1.2548	1.0000
1	-3	-7	22.503	22.770	22.765	.468	-.267	-.7777	1.0000
1	-3	-5	58.202	58.439	-58.435	-.653	-.236	-.4907	1.0000
1	-3	-4	31.574	31.617	-31.615	-.328	-.043	-.2052	1.0000
1	-3	-3	32.132	33.774	33.769	.583	-1.641	-6.6723	1.0000
1	-3	-2	71.255	73.075	73.074	.460	-1.820	-2.6504	1.0000
1	-3	-1	6.872	6.869	6.869	.053	.003	.0076	1.0000
1	-3	0	107.882	108.922	-108.920	-.554	-1.040	-1.8445	1.0000
1	-3	1	84.385	84.245	-84.244	-.457	.140	.2182	1.0000
1	-3	2	39.189	42.933	42.924	.882	-3.744	-12.3816	1.0000
1	-3	3	46.620	45.258	45.258	.227	1.362	3.6911	1.0000
1	-3	4	112.381	112.695	-112.691	-.993	-.314	-.3174	1.0000
1	-3	5	6.037	4.977	-4.977	.090	1.060	1.4459	1.0000
1	-3	6	29.211	28.680	28.677	.416	.531	1.7859	1.0000
1	-3	7	15.313	15.547	-15.547	-.036	-.234	-.5254	1.0000
1	-3	8	19.049	18.358	18.357	.216	.691	1.5675	1.0000
1	-3	9	24.804	23.904	-23.901	-.341	.900	2.0915	1.0000
1	-1	-9	9.178	8.448	8.446	.146	.731	.9637	1.0000
1	-1	-8	40.163	40.042	40.039	.491	.121	.3860	1.0000
1	-1	-7	51.683	51.059	-51.054	-.664	.625	1.8752	1.0000
1	-1	-6	22.518	22.024	-22.019	-.459	.495	1.6935	1.0000
1	-1	-5	87.675	89.559	89.554	.857	-1.884	-2.6255	1.0000
1	-1	-4	35.715	35.114	-35.114	-.089	.601	2.3438	1.0000
1	-1	-3	50.207	44.670	44.669	-.387	5.537	14.4066	1.0000
1	-1	-2	75.380	74.571	74.570	.401	.809	1.3268	1.0000
1	-1	-1	27.664	27.624	-27.624	-.148	.040	.1310	1.0000
1	-1	0	28.612	27.809	27.809	.119	.803	2.4864	1.0000
1	-1	1	73.300	72.899	72.898	.352	.401	.6984	1.0000
1	-1	2	39.727	43.319	-43.315	-.637	-3.592	-10.4612	1.0000
1	-1	3	57.690	56.578	-56.578	-.227	1.111	2.2359	1.0000
1	-1	4	53.533	54.448	54.446	.425	-.914	-2.2298	1.0000
1	-1	5	12.966	12.907	12.907	.006	.059	.1510	1.0000
1	-1	6	13.878	14.120	-14.120	-.071	-.243	-.5915	1.0000
1	-1	8	11.505	11.926	11.926	.016	-.421	-.6623	1.0000
1	1	-9	7.123	7.666	7.665	.051	-.542	-.5719	1.0000
1	1	-7	11.987	13.134	-13.133	-.103	-1.147	-2.3810	1.0000
1	1	-6	14.770	14.010	-14.010	-.142	.759	2.0868	1.0000
1	1	-5	29.601	30.270	30.269	.252	-.669	-2.7772	1.0000
1	1	-3	18.106	16.270	16.269	-.186	1.836	8.5294	1.0000
1	1	-2	52.954	52.786	52.785	.284	.168	.3733	1.0000
1	1	-1	26.060	24.887	-24.887	-.116	1.173	3.8136	1.0000
1	1	0	9.696	9.759	9.759	.058	-.063	-.2563	1.0000
1	1	1	89.679	89.433	89.432	.465	.245	.4275	1.0000
1	1	3	103.562	101.914	-101.914	-.441	1.647	1.9598	1.0000
1	1	4	69.620	69.317	69.312	.878	.303	.5280	1.0000
1	1	5	34.418	34.552	34.552	-.016	-.133	-.5315	1.0000
1	1	7	17.009	16.104	16.103	.143	.906	2.2086	1.0000
1	1	8	31.348	29.742	-29.741	-.275	1.606	4.4782	1.0000
1	1	9	22.605	21.310	21.309	.241	1.295	2.8396	1.0000
1	3	-8	63.353	63.432	-63.429	-.609	-.080	-.1894	1.0000
1	3	-7	33.849	33.559	33.553	.607	.290	.9772	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	3	-6	65.310	65.853	65.850	.643	-.543	-1.1394	1.0000
1	3	-5	88.285	90.977	-90.973	-.925	-2.693	-3.7263	1.0000
1	3	-4	39.533	39.520	-39.519	-.275	.012	.0429	1.0000
1	3	-3	19.054	14.975	-14.964	.575	4.079	18.9487	1.0000
1	3	-2	50.628	50.676	50.675	.233	-.048	-.1197	1.0000
1	3	-1	52.488	51.632	51.631	.259	.856	1.9659	1.0000
1	3	0	92.897	91.095	-91.094	-.490	1.802	3.1111	1.0000
1	3	1	99.780	100.007	-100.004	-.667	-.227	-.3434	1.0000
1	3	2	15.754	12.833	-12.820	.571	2.921	12.3893	1.0000
1	3	3	34.767	34.000	33.997	.439	.767	3.1169	1.0000
1	3	4	24.481	24.282	-24.277	-.458	.199	.7778	1.0000
1	3	5	22.262	22.257	-22.253	-.383	.005	.0178	1.0000
1	3	6	6.611	6.256	6.251	.239	.355	.4687	1.0000
1	3	7	27.920	28.299	28.294	.559	-.379	-1.1047	1.0000
1	5	-9	26.931	26.331	26.327	.457	.600	1.5207	1.0000
1	5	-8	6.801	7.384	7.384	.085	-.584	-.6698	1.0000
1	5	-7	24.225	24.632	-24.629	-.352	-.407	-1.2405	1.0000
1	5	-4	34.341	33.684	33.678	.600	.657	3.0545	1.0000
1	5	-3	6.806	7.919	-7.917	.183	-1.114	-2.3617	1.0000
1	5	-2	31.610	34.915	-34.902	-.937	-3.305	-15.3564	1.0000
1	5	-1	48.947	46.676	46.675	.201	2.271	5.2753	1.0000
1	5	0	9.763	3.076	-2.983	.750	6.687	21.7473	1.0000
1	5	1	68.693	68.720	-68.718	-.514	-.028	-.0499	1.0000
1	5	2	34.572	34.481	-34.481	-.167	.090	.3457	1.0000
1	5	3	16.599	16.594	16.594	.006	.005	.0176	1.0000
1	5	4	38.344	38.785	-38.784	-.332	-.442	-1.8337	1.0000
1	5	5	41.091	40.419	40.414	.662	.671	2.5678	1.0000
1	5	6	20.089	19.560	19.559	.231	.529	1.4536	1.0000
1	5	7	57.398	57.497	-57.493	-.690	-.100	-.2774	1.0000
1	5	8	17.573	17.007	17.006	.180	.566	1.1629	1.0000
1	7	-9	24.819	25.148	-25.144	-.443	-.329	-.7828	1.0000
1	7	-8	37.257	37.020	37.019	.348	.237	.7001	1.0000
1	7	-7	5.934	6.192	6.192	-.006	-.257	-.2867	1.0000
1	7	-6	29.483	29.909	-29.908	-.268	-.426	-1.4589	1.0000
1	7	-5	43.735	44.966	44.964	.420	-1.231	-5.0028	1.0000
1	7	-4	6.052	5.260	-5.258	-.121	.793	1.2474	1.0000
1	7	-3	33.198	33.465	33.464	-.265	-.266	-1.2671	1.0000
1	7	-2	35.376	35.286	35.284	.332	.091	.3539	1.0000
1	7	-1	34.767	33.820	-33.820	-.088	.947	3.5519	1.0000
1	7	0	11.059	9.887	9.887	-.101	1.172	3.7489	1.0000
1	7	1	33.977	32.816	32.815	.140	1.162	5.2721	1.0000
1	7	2	6.831	6.435	6.431	-.224	.396	.7502	1.0000
1	7	3	24.368	25.018	-25.018	-.165	-.650	-2.4862	1.0000
1	7	4	9.337	9.388	9.387	.117	-.050	-.1033	1.0000
1	7	5	34.249	34.829	34.827	.311	-.580	-2.0206	1.0000
1	7	6	16.379	15.633	15.633	.093	.746	1.7534	1.0000
1	7	7	22.810	22.531	-22.528	-.375	.279	.6894	1.0000
1	9	-9	13.811	13.065	-13.060	-.373	.746	1.2656	1.0000
1	9	-8	11.848	10.893	-10.893	-.017	.955	1.5664	1.0000
1	9	-7	6.175	.709	-.675	.215	5.467	6.1306	1.0000
1	9	-6	16.271	16.176	16.176	.080	.095	.2408	1.0000
1	9	-5	33.096	33.512	33.511	.236	-.416	-1.5043	1.0000
1	9	-4	66.658	67.397	-67.395	-.506	-.739	-1.4416	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	9	-3	37.867	37.681	-37.679	-.391	.186	.7892	1.0000
1	9	-2	110.044	109.636	109.631	1.011	.409	.4109	1.0000
1	9	0	91.570	90.002	-89.998	-.907	1.567	2.2487	1.0000
1	9	1	4.874	7.084	7.082	.183	-2.211	-2.8568	1.0000
1	9	2	41.716	42.560	42.559	.114	-.844	-3.1065	1.0000
1	9	3	8.312	8.315	-8.315	.073	-.003	-.0050	1.0000
1	9	4	24.276	24.502	24.499	.414	-.226	-.7362	1.0000
1	9	5	18.808	18.828	-18.819	-.586	-.020	-.0519	1.0000
1	9	6	16.358	16.316	-16.314	-.240	.043	.0933	1.0000
1	9	7	48.650	48.370	48.363	.810	.279	.8139	1.0000
1	11	-7	25.475	23.816	-23.815	-.243	1.659	4.3758	1.0000
1	11	-6	10.900	9.795	-9.794	-.148	1.105	2.0536	1.0000
1	11	-5	14.570	16.084	-16.083	-.166	-1.514	-3.5601	1.0000
1	11	-4	47.353	47.140	47.137	.546	.213	.7978	1.0000
1	11	-3	9.250	9.971	-9.968	.259	-.721	-1.4509	1.0000
1	11	-2	66.371	65.576	-65.572	-.697	.795	1.5514	1.0000
1	11	-1	8.656	8.837	-8.834	-.238	-.182	-.3617	1.0000
1	11	0	18.500	16.968	16.962	.444	1.533	4.9854	1.0000
1	11	1	17.096	17.410	17.407	.335	-.314	-.9567	1.0000
1	11	2	28.355	28.207	-28.206	-.276	.148	.5268	1.0000
1	11	3	36.478	35.951	-35.948	-.486	.527	1.8701	1.0000
1	11	4	7.662	7.305	7.300	.261	.357	.5192	1.0000
1	11	5	20.812	20.541	20.537	.381	.271	.6864	1.0000
1	13	-6	37.918	38.693	38.689	.556	-.774	-2.3250	1.0000
1	13	-5	22.769	22.113	-22.110	-.373	.656	1.8041	1.0000
1	13	-4	8.943	9.746	-9.744	-.197	-.803	-1.3061	1.0000
1	13	-3	24.789	24.320	24.317	.386	.469	1.5002	1.0000
1	13	-2	26.290	24.909	-24.907	-.368	1.381	4.5666	1.0000
1	13	-1	8.820	9.196	9.196	.087	-.377	-.6805	1.0000
1	13	0	24.102	23.859	23.856	.399	.242	.7884	1.0000
1	13	1	22.283	22.336	-22.328	-.561	-.053	-.1616	1.0000
1	13	2	11.208	11.405	-11.405	.064	-.198	-.4058	1.0000
1	13	3	17.071	17.264	17.259	.417	-.193	-.4839	1.0000
1	13	4	13.145	12.789	-12.783	-.379	.357	.6820	1.0000
1	13	5	11.182	10.278	10.277	.126	.904	1.4532	1.0000
1	13	6	15.251	14.549	14.546	.278	.702	1.2809	1.0000
1	15	-5	22.949	22.885	22.885	.162	.063	.1605	1.0000
1	15	-4	28.499	28.772	-28.771	-.249	-.273	-.7844	1.0000
1	15	-3	15.051	13.949	-13.948	-.207	1.102	2.4442	1.0000
1	15	-2	41.711	41.533	41.532	.284	.178	.5888	1.0000
1	15	-1	24.599	22.944	22.943	.201	1.655	4.8189	1.0000
1	15	0	20.202	19.315	-19.314	-.148	.887	2.4038	1.0000
1	15	1	34.444	34.021	-34.019	-.394	.423	1.3092	1.0000
1	15	2	28.053	27.916	27.915	.117	.138	.3889	1.0000
1	15	3	41.388	40.714	40.711	.526	.674	2.0228	1.0000
1	15	4	14.657	14.630	-14.629	-.183	.027	.0504	1.0000
1	15	5	14.570	15.083	-15.080	-.291	-.513	-.8779	1.0000
1	17	-5	11.669	11.681	11.679	.238	-.012	-.0186	1.0000
1	17	-4	24.860	24.722	24.717	.491	.138	.3373	1.0000
1	17	-3	9.537	10.850	-10.847	-.241	-1.313	-1.8295	1.0000
1	17	-1	25.127	25.566	-25.565	-.279	-.440	-1.1439	1.0000
1	17	0	9.547	9.087	-9.084	-.208	.461	.6659	1.0000
1	17	1	40.045	39.664	39.656	.783	.381	1.1100	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	17	2	7.498	6.386	6.386	-.027	1.111	1.2393	1.0000
1	17	3	35.976	36.079	-36.072	-.726	-.103	-.2727	1.0000
1	19	-1	12.453	13.129	13.128	.212	-.676	-1.0473	1.0000
1	19	0	15.887	15.127	-15.126	-.208	.760	1.4251	1.0000
2	-18	-3	35.545	35.039	-35.032	-.708	.506	1.3538	1.0000
2	-18	-2	11.895	12.062	12.059	.232	-.167	-.2607	1.0000
2	-18	-1	20.089	20.080	20.074	.482	.009	.0206	1.0000
2	-18	0	27.25[illegible]	27.619	-27.618	-.331	-.366	-.9273	1.0000
2	-18	2	7.021	6.031	6.031	.024	.990	1.0334	1.0000
2	-18	3	13.386	13.899	-13.898	-.189	-.513	-.8634	1.0000
2	-16	-5	13.299	13.061	13.061	.026	.238	.3965	1.0000
2	-16	-4	15.636	15.179	15.179	.033	.457	.9377	1.0000
2	-16	-3	23.410	23.389	-23.389	-.177	.021	.0526	1.0000
2	-16	-1	33.234	33.263	33.262	.253	-.028	-.0854	1.0000
2	-16	0	11.090	10.549	-10.548	-.178	.541	.9593	1.0000
2	-16	3	13.350	13.522	-13.519	-.278	-.172	-.3165	1.0000
2	-16	4	20.351	20.149	20.145	.365	.202	.4427	1.0000
2	-14	-6	8.307	8.891	8.888	.230	-.584	-.7032	1.0000
2	-14	-5	22.723	22.880	-22.875	-.483	-.156	-.3813	1.0000
2	-14	-4	18.265	19.045	-19.043	-.257	-.780	-1.8570	1.0000
2	-14	-3	61.831	61.536	61.529	.918	.294	.6840	1.0000
2	-14	-1	41.721	41.526	-41.520	-.697	.195	.6670	1.0000
2	-14	0	19.966	20.269	20.268	.161	-.303	-.8694	1.0000
2	-14	1	10.086	10.008	10.006	.197	.078	.1490	1.0000
2	-14	2	13.483	13.273	13.272	.189	.210	.4605	1.0000
2	-14	3	12.858	12.105	12.105	.054	.753	1.5310	1.0000
2	-14	4	28.627	28.634	-28.628	-.561	-.007	-.0182	1.0000
2	-14	6	33.250	32.204	32.200	.528	1.045	2.7191	1.0000
2	-12	-7	27.566	26.951	-26.947	-.432	.615	1.5593	1.0000
2	-12	-6	6.319	4.483	4.479	.195	1.836	1.8952	1.0000
2	-12	-5	31.113	32.010	32.007	.439	-.897	-2.7359	1.0000
2	-12	-4	23.236	24.373	-24.373	-.105	-1.138	-3.4686	1.0000
2	-12	-3	19.146	19.257	-19.256	-.181	-.111	-.3282	1.0000
2	-12	0	44.724	43.438	43.433	.678	1.286	4.8262	1.0000
2	-12	1	50.500	51.137	-51.135	-.410	-.637	-1.8842	1.0000
2	-12	2	33.280	33.393	-33.386	-.675	-.113	-.3934	1.0000
2	-12	3	37.816	38.107	38.103	.582	-.292	-.9984	1.0000
2	-12	4	8.487	9.734	-9.733	.154	-1.248	-1.8726	1.0000
2	-12	5	8.774	8.758	-8.754	-.292	.015	.0212	1.0000
2	-12	6	9.717	9.471	9.470	.169	.245	.3418	1.0000
2	-12	7	14.590	13.310	-13.307	-.254	1.280	2.2508	1.0000
2	-10	-8	10.250	9.451	9.451	.052	.799	1.1292	1.0000
2	-10	-7	16.840	17.753	17.747	.463	-.913	-1.9583	1.0000
2	-10	-6	32.501	33.301	-33.297	-.483	-.800	-2.4765	1.0000
2	-10	-4	51.125	52.079	52.077	.448	-.954	-2.5868	1.0000
2	-10	-3	38.820	39.870	-39.869	-.290	-1.049	-4.1791	1.0000
2	-10	-2	5.750	6.663	-6.662	.112	-.913	-1.3195	1.0000
2	-10	-1	48.706	50.316	50.315	.265	-1.610	-4.5530	1.0000
2	-10	0	35.504	35.357	-35.355	-.368	.148	.6264	1.0000
2	-10	1	29.596	31.759	-31.759	.050	-2.163	-8.4413	1.0000
2	-10	5	9.891	9.815	-9.814	.064	.076	.1284	1.0000
2	-10	6	15.543	14.408	-14.407	-.107	1.136	2.3831	1.0000
2	-8	-9	8.891	7.929	-7.926	-.213	.963	1.1523	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-8	-8	10.936	11.280	11.280	.059	-.344	-.5321	1.0000
2	-8	-7	23.728	23.606	23.604	.344	.122	.3297	1.0000
2	-8	-6	11.064	11.430	-11.427	-.233	-.365	-.7129	1.0000
2	-8	-5	31.195	32.485	-32.484	-.317	-1.291	-4.6648	1.0000
2	-8	-4	50.858	52.130	52.129	.282	-1.272	-3.3088	1.0000
2	-8	-3	42.039	43.573	43.573	.111	-1.534	-4.8286	1.0000
2	-8	-2	23.825	23.940	23.938	.300	-.115	-.4868	1.0000
2	-8	-1	11.751	10.543	10.542	.045	1.209	3.7435	1.0000
2	-8	0	110.649	112.382	-112.378	-.946	-1.733	-1.8378	1.0000
2	-8	1	64.526	66.233	66.233	.236	-1.707	-3.4335	1.0000
2	-8	2	93.737	96.653	96.649	.920	-2.916	-4.0070	1.0000
2	-8	3	56.434	56.814	-56.811	-.575	-.379	-.8816	1.0000
2	-8	4	24.486	24.137	-24.134	-.386	.350	1.1965	1.0000
2	-8	5	10.706	11.570	11.567	.257	-.865	-1.6223	1.0000
2	-8	6	13.099	13.002	13.002	-.042	.097	.1935	1.0000
2	-8	7	23.979	23.298	23.294	.395	.681	1.7259	1.0000
2	-6	-9	35.904	35.869	35.862	.696	.035	.0955	1.0000
2	-6	-8	10.383	9.608	-9.607	-.118	.775	1.2000	1.0000
2	-6	-7	72.931	71.961	-71.954	-.996	.970	1.7528	1.0000
2	-6	-5	82.822	84.892	84.889	.665	-2.070	-3.1811	1.0000
2	-6	-4	12.156	12.765	12.765	-.054	-.609	-1.7230	1.0000
2	-6	-3	32.563	32.703	-32.703	-.080	-.140	-.6686	1.0000
2	-6	-2	51.581	52.108	-52.107	-.400	-.528	-1.1970	1.0000
2	-6	-1	19.264	17.940	17.940	.029	1.324	6.1501	1.0000
2	-6	0	82.837	84.367	84.364	.673	-1.530	-1.8544	1.0000
2	-6	1	30.277	30.904	-30.903	-.234	-.627	-3.2191	1.0000
2	-6	2	52.683	53.338	-53.334	-.670	-.655	-1.5224	1.0000
2	-6	3	5.407	4.894	4.894	.033	.513	.7360	1.0000
2	-6	4	36.750	37.243	37.239	.510	-.493	-1.9639	1.0000
2	-6	5	23.077	22.900	22.899	.255	.177	.5654	1.0000
2	-6	7	16.522	16.592	-16.591	-.236	-.070	-.1483	1.0000
2	-6	8	8.881	9.000	8.993	.358	-.119	-.1449	1.0000
2	-4	-9	18.839	18.844	-18.843	-.204	-.006	-.0120	1.0000
2	-4	-8	7.605	7.685	-7.684	.086	-.080	-.1024	1.0000
2	-4	-6	14.939	14.579	14.576	.283	.360	.9626	1.0000
2	-4	-4	66.479	67.742	-67.740	-.470	-1.263	-2.2824	1.0000
2	-4	-3	20.243	22.683	22.671	.732	-2.440	-11.3370	1.0000
2	-4	-2	39.763	40.271	40.270	.270	-.508	-1.5493	1.0000
2	-4	-1	98.575	99.122	-99.118	-.785	-.546	-.7839	1.0000
2	-4	0	47.937	46.147	46.146	.198	1.791	4.7863	1.0000
2	-4	1	104.423	101.669	-101.669	.013	2.754	3.6065	1.0000
2	-4	2	79.419	79.377	-79.376	-.391	.042	.0684	1.0000
2	-4	3	93.379	95.623	95.621	.585	-2.244	-3.2925	1.0000
2	-4	4	9.332	10.966	-10.966	-.065	-1.634	-3.3204	1.0000
2	-4	5	42.361	42.037	-42.035	-.462	.324	1.2405	1.0000
2	-4	6	13.396	13.256	13.247	.475	.141	.3118	1.0000
2	-4	8	11.413	11.559	-11.555	-.296	-.146	-.2238	1.0000
2	-2	-9	18.019	18.169	-18.166	-.343	-.150	-.3295	1.0000
2	-2	-8	13.227	13.290	13.290	-.150	-.063	-.1288	1.0000
2	-2	-7	35.597	35.846	35.842	.530	-.249	-.8841	1.0000
2	-2	-6	19.869	19.599	-19.598	-.222	.270	.8778	1.0000
2	-2	-5	31.333	31.811	-31.810	-.255	-.478	-2.0737	1.0000
2	-2	-4	55.148	56.168	56.167	.279	-1.020	-2.2612	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-2	-3	35.422	34.562	34.562	.076	.861	3.2291	1.0000
2	-2	-2	20.878	21.671	21.670	.209	-.792	-4.2946	1.0000
2	-2	-1	8.087	8.022	-8.022	-.095	.065	.1915	1.0000
2	-2	0	121.380	120.843	-120.842	-.593	.537	.8809	1.0000
2	-2	1	32.732	31.453	-31.453	-.053	1.279	5.0934	1.0000
2	-2	2	65.049	64.980	64.978	.409	.069	.1195	1.0000
2	-2	3	43.586	44.362	44.361	.284	-.776	-2.4826	1.0000
2	-2	4	48.347	49.111	-49.110	-.306	-.764	-2.1920	1.0000
2	-2	5	33.116	32.715	-32.712	-.423	.401	1.4773	1.0000
2	-2	6	31.297	31.363	31.359	.471	-.066	-.2182	1.0000
2	-2	7	19.725	18.798	18.794	.340	.928	2.2630	1.0000
2	-2	8	23.861	22.837	-22.834	-.375	1.024	2.4374	1.0000
2	0	-10	15.497	14.567	14.564	.295	.930	1.7126	1.0000
2	0	-9	17.547	17.329	17.326	.308	.218	.4624	1.0000
2	0	-8	6.544	7.005	7.004	-.106	-.461	-.5515	1.0000
2	0	-7	9.168	9.527	-9.526	-.149	-.359	-.6252	1.0000
2	0	-6	42.756	40.780	-40.777	-.503	1.976	6.6479	1.0000
2	0	-5	25.137	24.756	24.754	.350	.381	1.5478	1.0000
2	0	-4	166.607	167.096	167.093	1.080	-.489	-.5858	1.0000
2	0	-3	15.928	18.555	-18.542	-.706	-2.627	-11.6516	1.0000
2	0	-2	171.219	168.689	-168.687	-.817	2.530	4.1836	1.0000
2	0	-1	150.956	147.798	147.797	.690	3.157	5.8675	1.0000
2	0	0	6.729	5.780	5.780	.044	.949	2.3140	1.0000
2	0	1	8.902	6.549	6.547	-.154	2.353	6.8519	1.0000
2	0	2	33.147	31.663	31.663	.038	1.484	6.2958	1.0000
2	0	3	49.429	49.280	-49.277	-.616	.148	.3802	1.0000
2	0	4	66.776	69.391	69.389	.460	-2.615	-4.8597	1.0000
2	0	5	55.466	54.637	54.630	.871	.828	2.1551	1.0000
2	0	6	32.158	31.880	-31.873	-.649	.278	.9050	1.0000
2	0	7	22.441	22.151	-22.145	-.491	.291	.7666	1.0000
2	0	8	15.297	15.317	15.313	.365	-.020	-.0379	1.0000
2	2	-10	20.012	19.365	-19.360	-.397	.648	1.3889	1.0000
2	2	-9	14.857	14.637	-14.635	-.265	.220	.4332	1.0000
2	2	-8	10.885	10.001	-10.001	.086	.884	1.6588	1.0000
2	2	-6	24.681	23.531	23.527	.408	1.150	4.1567	1.0000
2	2	-5	6.908	5.814	-5.810	-.216	1.094	1.9414	1.0000
2	2	-4	64.224	64.210	-64.208	-.522	.014	.0269	1.0000
2	2	-2	68.985	68.978	68.977	.434	.006	.0094	1.0000
2	2	-1	27.228	27.269	-27.268	-.185	-.041	-.1494	1.0000
2	2	0	114.867	113.224	-113.222	-.578	1.643	2.6497	1.0000
2	2	1	42.761	42.091	-42.091	-.172	.670	1.9510	1.0000
2	2	2	90.186	90.370	90.368	.569	-.184	-.2231	1.0000
2	2	3	24.906	24.368	24.367	.119	.539	2.2853	1.0000
2	2	4	15.364	14.778	-14.776	-.191	.587	1.7608	1.0000
2	2	7	14.037	12.896	12.896	.065	1.140	2.2706	1.0000
2	2	8	9.763	9.904	9.900	.291	-.142	-.1841	1.0000
2	4	-10	20.340	19.004	-19.002	-.263	1.336	2.8344	1.0000
2	4	-9	10.849	8.921	8.919	.187	1.929	3.0349	1.0000
2	4	-8	22.313	21.532	21.531	.254	.781	2.1462	1.0000
2	4	-7	30.800	30.568	-30.565	-.457	.232	.7941	1.0000
2	4	-6	18.946	20.241	-20.240	.240	-1.295	-4.0752	1.0000
2	4	-5	36.627	36.589	36.588	.282	.037	.1622	1.0000
2	4	-4	17.358	18.409	-18.398	-.638	-1.052	-4.0244	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	4	-3	25.593	23.247	-23.244	.386	2.346	11.7386	1.0000
2	4	-2	10.593	7.210	-7.199	.406	3.383	11.1884	1.0000
2	4	-1	121.903	120.064	-120.062	-.751	1.839	2.6578	1.0000
2	4	0	70.450	65.997	65.997	.078	4.453	8.6034	1.0000
2	4	1	27.879	26.641	-26.641	.148	1.238	6.5280	1.0000
2	4	2	85.681	83.256	-83.256	-.297	2.425	3.8467	1.0000
2	4	3	77.589	78.895	78.892	.605	-1.305	-2.2345	1.0000
2	4	4	6.601	9.066	-9.066	.073	-2.465	-3.6444	1.0000
2	4	5	44.586	45.269	-45.264	-.625	-.683	-2.5148	1.0000
2	4	6	14.467	14.308	14.305	.271	.159	.3532	1.0000
2	4	7	11.280	11.934	11.930	.301	-.654	-1.0463	1.0000
2	4	8	17.875	17.585	-17.583	-.216	.290	.5725	1.0000
2	6	-9	7.959	7.769	7.764	.262	.190	.2273	1.0000
2	6	-8	9.435	9.196	9.196	.034	.238	.3664	1.0000
2	6	-6	9.788	9.845	-9.837	-.396	-.057	-.1128	1.0000
2	6	-5	12.463	13.229	13.228	.209	-.766	-1.9668	1.0000
2	6	-4	43.996	45.452	45.449	.541	-1.456	-4.8149	1.0000
2	6	-3	9.512	9.670	9.669	-.122	-.159	-.4124	1.0000
2	6	-2	52.637	53.337	-53.334	-.550	-.700	-1.6078	1.0000
2	6	-1	14.964	15.700	-15.698	-.276	-.736	-2.9312	1.0000
2	6	0	79.347	77.701	77.698	.603	1.646	2.7694	1.0000
2	6	1	31.384	30.703	30.700	.382	.681	3.3236	1.0000
2	6	2	84.667	85.330	-85.327	-.720	-.663	-.9585	1.0000
2	6	3	9.896	10.644	10.643	-.115	-.748	-1.6577	1.0000
2	6	4	53.959	54.186	54.183	.531	-.227	-.5910	1.0000
2	6	5	10.398	10.341	10.340	.087	.057	.1077	1.0000
2	6	6	6.339	7.274	-7.274	.086	-.935	-1.0251	1.0000
2	6	7	28.545	28.185	-28.182	-.376	.360	.9370	1.0000
2	6	8	12.976	13.597	-13.589	-.450	-.621	-.9611	1.0000
2	8	-9	31.061	29.926	-29.922	-.485	1.136	2.9949	1.0000
2	8	-8	21.099	21.099	-21.091	-.565	.000	.0005	1.0000
2	8	-7	55.527	55.971	55.964	.840	-.443	-1.3313	1.0000
2	8	-6	24.051	23.902	23.901	.270	.148	.4671	1.0000
2	8	-5	53.221	53.800	-53.797	-.625	-.579	-1.7390	1.0000
2	8	-3	9.763	10.886	10.884	-.166	-1.123	-2.6720	1.0000
2	8	-2	18.957	18.818	18.817	.149	.139	.5311	1.0000
2	8	-1	104.653	105.581	105.579	.688	-.928	-.9896	1.0000
2	8	0	98.678	99.056	-99.054	-.723	-.379	-.3950	1.0000
2	8	1	71.629	71.465	-71.463	-.577	.164	.2787	1.0000
2	8	2	121.934	122.752	122.749	.834	-.818	-.7671	1.0000
2	8	3	38.323	38.492	38.491	.242	-.169	-.6585	1.0000
2	8	4	17.937	18.600	-18.598	-.277	-.663	-1.8227	1.0000
2	8	5	19.987	20.687	-20.687	-.069	-.701	-1.8226	1.0000
2	8	7	21.370	20.318	20.317	.146	1.052	2.3334	1.0000
2	10	-9	10.193	10.902	10.900	.190	-.708	-.9215	1.0000
2	10	-8	10.152	9.642	9.640	.216	.510	.7659	1.0000
2	10	-7	10.255	10.503	-10.501	-.171	-.248	-.4065	1.0000
2	10	-6	33.080	33.849	-33.849	-.132	-.769	-2.5001	1.0000
2	10	-5	9.342	10.060	-10.060	-.001	-.717	-1.3327	1.0000
2	10	-4	38.892	39.821	39.821	.185	-.929	-3.5557	1.0000
2	10	-3	8.471	8.282	-8.282	-.037	.189	.3550	1.0000
2	10	-2	58.730	59.918	-59.917	-.219	-1.188	-2.8615	1.0000
2	10	0	12.791	14.518	14.518	-.107	-1.727	-4.6802	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	10	1	19.684	19.964	-19.963	-.229	-.280	-.9110	1.0000
2	10	2	22.062	21.738	21.733	.463	.324	1.0549	1.0000
2	10	3	10.608	10.126	-10.126	-.069	.482	.9609	1.0000
2	10	4	6.139	5.147	-5.141	-.247	.993	1.1882	1.0000
2	10	5	12.735	12.298	12.293	.331	.437	.8285	1.0000
2	10	6	17.040	16.814	-16.812	-.237	.226	.4638	1.0000
2	12	-8	21.340	21.689	21.683	.534	-.350	-.7847	1.0000
2	12	-7	27.735	27.580	-27.575	-.558	.155	.4204	1.0000
2	12	-6	17.107	17.135	-17.133	-.225	-.028	-.0677	1.0000
2	12	-5	31.302	31.340	31.337	.461	-.038	-.1220	1.0000
2	12	-3	10.306	10.376	-10.375	.135	-.070	-.1456	1.0000
2	12	-1	57.761	57.533	-57.530	-.636	.228	.5233	1.0000
2	12	0	36.939	36.335	36.332	.443	.605	2.2272	1.0000
2	12	1	46.103	45.600	45.596	.600	.503	1.8506	1.0000
2	12	2	53.954	53.869	-53.867	-.527	.084	.2354	1.0000
2	12	3	15.369	15.420	-15.418	-.289	-.051	-.1189	1.0000
2	12	4	8.789	6.825	6.821	.241	1.964	2.8595	1.0000
2	12	5	14.493	14.626	14.624	.244	-.133	-.2513	1.0000
2	14	-7	15.892	15.646	15.645	.149	.246	.4808	1.0000
2	14	-6	25.834	25.385	25.381	.433	.449	1.1837	1.0000
2	14	-5	7.016	4.916	4.915	.081	2.100	2.5141	1.0000
2	14	-4	36.565	36.572	-36.566	-.677	-.007	-.0214	1.0000
2	14	-2	45.959	45.842	45.836	.703	.117	.4083	1.0000
2	14	-1	7.564	7.143	7.143	-.015	.421	.6183	1.0000
2	14	0	6.990	6.625	-6.620	-.256	.365	.4945	1.0000
2	14	1	6.022	5.310	-5.310	-.067	.711	.8023	1.0000
2	14	2	19.572	19.171	-19.169	-.239	.401	1.0162	1.0000
2	14	3	43.376	42.985	42.981	.522	.392	1.1937	1.0000
2	14	4	15.631	15.740	15.737	.308	-.110	-.2140	1.0000
2	14	5	42.013	41.803	-41.796	-.776	.210	.5688	1.0000
2	16	-6	9.752	9.738	-9.736	-.221	.014	.0191	1.0000
2	16	-5	19.484	20.508	-20.504	-.405	-1.024	-2.2696	1.0000
2	16	-4	26.792	27.085	27.079	.567	-.293	-.7726	1.0000
2	16	-3	12.638	13.038	13.038	.096	-.401	-.7238	1.0000
2	16	-2	35.581	34.744	-34.741	-.464	.837	2.5533	1.0000
2	16	-1	18.131	18.499	18.498	.178	-.367	-.8635	1.0000
2	16	0	13.458	12.696	12.696	.074	.761	1.4711	1.0000
2	16	1	9.096	10.338	-10.338	-.066	-1.241	-1.7425	1.0000
2	16	2	9.988	9.789	9.787	.154	.200	.2950	1.0000
2	16	3	7.426	5.913	-5.912	-.110	1.513	1.6496	1.0000
2	18	-4	21.780	20.910	20.907	.364	.870	1.9513	1.0000
2	18	-2	30.518	29.874	-29.870	-.467	.645	1.6996	1.0000
2	18	-1	7.697	7.135	7.133	.170	.563	.6459	1.0000
2	18	0	6.478	4.974	4.972	.142	1.504	1.4386	1.0000
2	18	1	16.363	15.201	-15.201	-.138	1.162	2.2679	1.0000
3	-17	-4	13.191	11.883	11.883	.044	1.308	2.2587	1.0000
3	-17	-3	14.073	12.800	-12.798	-.209	1.273	2.3652	1.0000
3	-17	-2	19.935	19.244	-19.240	-.389	.691	1.6257	1.0000
3	-17	-1	32.558	32.489	32.483	.662	.068	.1876	1.0000
3	-17	0	20.612	20.315	20.313	.316	.297	.6979	1.0000
3	-17	1	47.010	46.718	-46.711	-.831	.292	.8620	1.0000
3	-17	2	10.219	9.387	-9.387	.006	.832	1.2491	1.0000
3	-17	3	30.103	29.626	29.623	.397	.477	1.2093	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	-15	-6	16.978	16.619	-16.615	-.362	.360	.7091	1.0000
3	-15	-4	6.913	7.160	7.160	-.015	-.247	-.2800	1.0000
3	-15	-3	32.768	32.537	32.536	.260	.231	.6815	1.0000
3	-15	-2	14.237	14.423	14.421	.232	-.186	-.3987	1.0000
3	-15	-1	42.730	42.870	-42.868	-.431	-.139	-.4536	1.0000
3	-15	1	40.916	41.110	41.109	.287	-.194	-.6110	1.0000
3	-15	2	7.554	7.554	7.551	.196	.000	.0004	1.0000
3	-15	3	11.162	10.873	-10.873	-.132	.288	.4690	1.0000
3	-15	4	17.655	17.902	-17.899	-.329	-.248	-.5138	1.0000
3	-15	5	16.584	16.192	16.191	.152	.392	.7282	1.0000
3	-13	-7	15.221	15.449	-15.448	-.132	-.228	-.4245	1.0000
3	-13	-5	37.980	38.549	38.546	.472	-.569	-1.7342	1.0000
3	-13	-4	20.781	20.414	-20.413	-.150	.367	.9954	1.0000
3	-13	-3	23.410	23.694	-23.692	-.303	-.284	-.8392	1.0000
3	-13	-2	20.310	20.470	20.463	.511	-.160	-.4596	1.0000
3	-13	-1	5.514	6.197	-6.191	-.276	-.683	-.7837	1.0000
3	-13	0	15.641	15.070	-15.066	-.366	.571	1.4649	1.0000
3	-13	1	22.990	23.543	23.536	.566	-.553	-1.6598	1.0000
3	-13	2	11.239	11.946	-11.945	-.169	-.708	-1.4089	1.0000
3	-13	3	18.536	18.185	-18.183	-.277	.352	.8798	1.0000
3	-13	4	27.002	27.209	27.207	.322	-.207	-.5601	1.0000
3	-13	5	9.901	10.053	-10.051	-.216	-.152	-.2200	1.0000
3	-11	-8	32.030	31.803	-31.799	-.472	.227	.5906	1.0000
3	-11	-6	25.450	26.183	26.181	.356	-.734	-2.0163	1.0000
3	-11	-3	21.960	21.781	-21.778	-.356	.178	.5799	1.0000
3	-11	-2	32.404	32.183	-32.181	-.298	.221	.8299	1.0000
3	-11	-1	19.449	19.703	19.699	.381	-.254	-.8273	1.0000
3	-11	0	21.176	21.925	21.923	.281	-.749	-2.4773	1.0000
3	-11	1	32.261	33.075	-33.075	-.217	-.815	-3.0001	1.0000
3	-11	2	43.720	44.098	-44.095	-.489	-.378	-1.3931	1.0000
3	-11	4	57.070	57.086	57.081	.714	-.016	-.0495	1.0000
3	-11	5	12.653	12.582	-12.582	-.075	.071	.1264	1.0000
3	-11	6	46.420	45.209	-45.206	-.560	1.211	3.4753	1.0000
3	-9	-7	42.428	42.871	42.868	.528	-.443	-1.3945	1.0000
3	-9	-6	23.610	23.705	23.703	.329	-.096	-.2826	1.0000
3	-9	-5	76.508	77.971	-77.965	-.928	-1.463	-2.3205	1.0000
3	-9	-4	27.120	28.356	28.356	.034	-1.236	-4.3851	1.0000
3	-9	-3	75.760	76.702	76.696	.894	-.942	-1.4588	1.0000
3	-9	-2	23.482	22.935	-22.932	-.376	.547	2.0922	1.0000
3	-9	-1	44.673	46.483	-46.482	-.316	-1.810	-5.4332	1.0000
3	-9	0	6.339	5.720	-5.720	-.002	.619	1.0327	1.0000
3	-9	1	6.698	7.591	7.586	-.284	-.893	-1.5156	1.0000
3	-9	2	40.491	39.887	39.882	.637	.603	2.4033	1.0000
3	-9	3	14.672	14.169	14.167	.238	.503	1.2912	1.0000
3	-9	4	56.142	56.361	-56.355	-.838	-.219	-.6017	1.0000
3	-9	5	10.578	11.097	11.097	.108	-.520	-.8972	1.0000
3	-9	6	29.073	29.436	29.431	.528	-.363	-.9705	1.0000
3	-9	7	11.080	11.426	-11.425	-.111	-.346	-.5004	1.0000
3	-7	-9	9.055	8.497	-8.497	-.039	.558	.7026	1.0000
3	-7	-6	6.857	7.581	7.581	-.038	-.724	-1.0627	1.0000
3	-7	-5	28.181	28.695	28.692	.417	-.514	-1.8907	1.0000
3	-7	-4	10.475	11.112	11.112	.049	-.637	-1.5350	1.0000
3	-7	-3	5.745	6.105	-6.100	-.256	-.360	-.5670	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	-7	-2	17.245	16.939	-16.937	-.247	.306	1.1699	1.0000
3	-7	-1	4.628	3.091	-3.091	.062	1.536	2.3237	1.0000
3	-7	0	27.976	28.719	28.718	.235	-.742	-3.4492	1.0000
3	-7	1	10.009	9.386	9.383	-.241	.623	1.6429	1.0000
3	-7	3	43.704	45.598	45.598	.277	-1.894	-7.7008	1.0000
3	-7	4	14.513	14.252	-14.248	-.326	.262	.6722	1.0000
3	-7	6	23.610	23.346	23.345	.285	.264	.6950	1.0000
3	-7	7	16.558	16.218	-16.214	-.336	.341	.6853	1.0000
3	-5	-9	18.803	17.697	-17.695	-.217	1.106	2.4253	1.0000
3	-5	-8	12.966	13.142	13.139	.288	-.176	-.3473	1.0000
3	-5	-7	23.359	23.726	-23.725	-.164	-.367	-1.0851	1.0000
3	-5	-6	33.875	34.679	-34.677	-.411	-.804	-3.0184	1.0000
3	-5	-5	85.461	85.573	85.569	.854	-.112	-.1465	1.0000
3	-5	-4	25.527	26.435	-26.435	.128	-.908	-3.8538	1.0000
3	-5	-3	75.191	77.085	-77.079	-.922	-1.894	-2.9562	1.0000
3	-5	-2	15.528	15.365	-15.364	.153	.163	.6774	1.0000
3	-5	-1	35.120	32.831	-32.831	.124	2.289	8.9334	1.0000
3	-5	0	4.838	4.644	4.644	-.060	.193	.3340	1.0000
3	-5	1	49.177	48.614	48.612	.453	.563	1.5932	1.0000
3	-5	2	26.680	25.926	-25.922	-.465	.753	3.1951	1.0000
3	-5	3	51.053	51.963	-51.962	-.348	-.910	-2.5729	1.0000
3	-5	4	57.879	57.751	57.745	.792	.129	.3177	1.0000
3	-5	5	15.907	15.599	15.598	.122	.308	.7815	1.0000
3	-5	6	34.264	33.980	-33.976	-.525	.284	.8656	1.0000
3	-5	7	6.221	5.590	-5.588	-.130	.632	.6131	1.0000
3	-3	-10	15.436	14.911	-14.909	-.256	.525	.9658	1.0000
3	-3	-9	15.262	15.451	-15.449	-.288	-.190	-.3776	1.0000
3	-3	-7	39.758	39.741	39.737	.556	.017	.0613	1.0000
3	-3	-6	14.273	13.418	13.416	.214	.855	2.2851	1.0000
3	-3	-5	37.852	37.490	-37.487	-.492	.361	1.5000	1.0000
3	-3	-4	20.986	21.186	-21.184	-.323	-.200	-.8315	1.0000
3	-3	-2	22.365	19.469	-19.461	.547	2.896	15.2717	1.0000
3	-3	-1	60.001	58.770	-58.769	-.374	1.231	2.3315	1.0000
3	-3	0	18.946	22.150	-22.133	-.857	-3.204	-15.6283	1.0000
3	-3	1	27.346	29.531	29.527	.539	-2.186	-11.2233	1.0000
3	-3	2	30.774	31.336	31.329	.666	-.562	-2.6737	1.0000
3	-3	3	44.119	45.878	-45.878	-.232	-1.759	-5.8178	1.0000
3	-3	4	7.159	7.023	7.023	-.092	.136	.2156	1.0000
3	-3	5	13.847	14.751	-14.747	-.347	-.904	-2.1242	1.0000
3	-3	6	25.834	25.278	-25.278	-.024	.556	1.5944	1.0000
3	-3	7	39.835	40.512	40.505	.737	-.677	-1.9705	1.0000
3	-3	8	19.797	18.715	-18.713	-.269	1.082	2.2696	1.0000
3	-1	-10	7.984	5.812	5.812	.031	2.172	2.4934	1.0000
3	-1	-9	48.527	48.372	48.366	.802	.154	.4777	1.0000
3	-1	-8	36.791	36.943	-36.942	-.358	-.152	-.5041	1.0000
3	-1	-7	11.854	11.812	-11.800	-.520	.042	.0919	1.0000
3	-1	-6	89.515	90.922	90.921	.457	-1.408	-1.8071	1.0000
3	-1	-5	44.914	44.357	-44.357	-.035	.557	1.6971	1.0000
3	-1	-3	53.185	51.541	51.540	.199	1.644	3.5647	1.0000
3	-1	-2	23.707	28.871	-28.857	-.916	-5.164	-28.7896	1.0000
3	-1	-1	7.492	6.658	-6.658	.008	.834	2.1992	1.0000
3	-1	0	46.062	49.871	49.864	.839	-3.809	-10.0446	1.0000
3	-1	1	35.561	33.804	33.803	-.262	1.757	7.9747	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	-1	2	11.105	11.339	-11.338	-.169	-.234	-.7013	1.0000
3	-1	3	28.601	29.381	29.380	.240	-.780	-3.2368	1.0000
3	-1	4	5.417	5.587	5.586	-.097	-.170	-.2096	1.0000
3	-1	6	9.850	8.936	-8.936	.003	.914	1.5242	1.0000
3	-1	7	8.989	8.040	-8.039	-.154	.949	1.2508	1.0000
3	-1	8	9.050	8.833	8.833	.026	.217	.2636	1.0000
3	1	-8	6.713	6.569	6.569	.021	.145	.1743	1.0000
3	1	-7	9.506	8.596	-8.595	-.071	.911	1.7254	1.0000
3	1	-6	5.304	.427	.421	.073	4.877	6.0615	1.0000
3	1	-4	11.792	12.715	12.715	.038	-.923	-2.9536	1.0000
3	1	-3	16.697	15.726	15.725	.093	.971	4.3062	1.0000
3	1	-2	46.656	48.625	-48.621	-.580	-1.969	-4.5736	1.0000
3	1	-1	6.637	6.429	-6.429	-.069	.208	.4767	1.0000
3	1	0	44.545	47.612	47.606	.783	-3.068	-8.9348	1.0000
3	1	1	35.259	34.202	34.202	-.223	1.056	4.1217	1.0000
3	1	3	46.323	46.109	46.108	.358	.214	.6512	1.0000
3	1	4	23.333	22.945	-22.944	-.232	.388	1.3289	1.0000
3	1	6	33.900	33.908	33.908	.224	-.008	-.0250	1.0000
3	1	7	39.773	39.942	-39.936	-.690	-.169	-.4836	1.0000
3	1	8	9.009	7.891	7.891	.076	1.118	1.3384	1.0000
3	3	-10	16.230	15.518	15.517	.151	.712	1.3764	1.0000
3	3	-9	56.711	56.527	-56.521	-.853	.184	.4982	1.0000
3	3	-8	6.493	4.869	4.865	.182	1.624	1.9811	1.0000
3	3	-7	43.279	43.336	43.331	.665	-.058	-.2043	1.0000
3	3	-6	46.395	47.144	-47.143	-.252	-.749	-2.4788	1.0000
3	3	-4	42.484	43.587	-43.586	-.291	-1.103	-3.6477	1.0000
3	3	-3	21.304	21.754	-21.752	-.300	-.451	-2.0933	1.0000
3	3	-2	20.335	23.543	23.528	.850	-3.208	-15.6504	1.0000
3	3	-1	76.990	72.337	-72.337	.023	4.652	6.2605	1.0000
3	3	0	30.067	33.148	-33.134	-.946	-3.080	-17.1741	1.0000
3	3	1	29.273	29.946	29.945	.223	-.673	-3.3671	1.0000
3	3	2	37.734	37.957	37.950	.719	-.223	-.8708	1.0000
3	3	3	8.779	10.022	-10.021	.147	-1.243	-2.4504	1.0000
3	3	4	18.834	18.460	-18.457	-.382	.373	1.1556	1.0000
3	3	5	33.470	33.389	-33.386	-.498	.081	.2716	1.0000
3	3	7	21.160	21.195	21.191	.418	-.035	-.0802	1.0000
3	5	-9	26.485	25.938	25.935	.420	.547	1.4423	1.0000
3	5	-8	6.160	6.632	6.629	.209	-.472	-.5261	1.0000
3	5	-7	23.302	23.385	-23.382	-.364	-.083	-.2568	1.0000
3	5	-6	26.352	25.957	-25.951	-.567	.395	1.3997	1.0000
3	5	-5	40.752	41.581	41.578	.486	-.829	-3.1710	1.0000
3	5	-4	23.185	22.495	22.487	.605	.690	2.8037	1.0000
3	5	-3	46.108	45.941	-45.937	-.614	.166	.4774	1.0000
3	5	-1	31.692	30.393	-30.392	.161	1.299	5.7601	1.0000
3	5	1	74.043	72.940	72.938	.648	1.102	1.6547	1.0000
3	5	2	14.647	15.480	15.479	-.087	-.833	-2.5008	1.0000
3	5	3	92.164	91.865	-91.862	-.808	.299	.3787	1.0000
3	5	4	15.631	15.678	15.670	.511	-.048	-.1240	1.0000
3	5	5	37.052	36.813	36.811	.305	.240	.7926	1.0000
3	5	6	44.247	43.753	-43.750	-.560	.494	1.5297	1.0000
3	7	-10	10.998	10.203	-10.200	-.219	.795	1.1082	1.0000
3	7	-9	23.682	23.225	23.223	.302	.456	1.1132	1.0000
3	7	-8	15.272	15.570	-15.568	-.249	-.298	-.6472	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	7	-7	13.242	13.374	-13.372	-.197	-.131	-.2943	1.0000
3	7	-6	62.425	64.641	64.639	.524	-2.216	-5.0869	1.0000
3	7	-5	28.258	27.564	-27.563	-.254	.694	2.6043	1.0000
3	7	-4	5.125	5.248	-5.241	-.264	-.123	-.1566	1.0000
3	7	-3	39.691	39.765	39.763	.395	-.073	-.3048	1.0000
3	7	-2	18.352	18.210	-18.209	-.222	.142	.5314	1.0000
3	7	-1	21.944	20.880	20.880	-.141	1.064	4.4172	1.0000
3	7	0	39.712	39.944	39.943	.353	-.233	-.8250	1.0000
3	7	1	22.170	23.148	23.148	.010	-.979	-3.6725	1.0000
3	7	2	11.592	12.076	-12.076	-.085	-.484	-1.1802	1.0000
3	7	4	10.818	12.138	12.138	.021	-1.319	-2.5741	1.0000
3	7	5	8.195	7.441	7.441	.089	.753	1.0649	1.0000
3	7	6	10.219	10.035	-10.033	-.168	.184	.2701	1.0000
3	9	-9	7.011	6.358	-6.357	-.114	.652	.6700	1.0000
3	9	-8	25.076	24.442	-24.441	-.239	.633	1.6933	1.0000
3	9	-6	52.626	54.087	54.084	.611	-1.461	-4.0718	1.0000
3	9	-5	34.633	34.368	-34.367	-.333	.265	.9749	1.0000
3	9	-4	71.501	72.975	-72.972	-.678	-1.474	-2.9059	1.0000
3	9	-3	47.666	47.653	47.650	.542	.013	.0359	1.0000
3	9	-2	35.474	36.619	36.618	.246	-1.145	-4.8584	1.0000
3	9	0	9.998	10.655	-10.654	.138	-.657	-1.4567	1.0000
3	9	1	30.318	28.700	-28.695	-.541	1.618	6.1896	1.0000
3	9	2	7.841	6.334	6.333	.123	1.507	2.6026	1.0000
3	9	3	64.337	64.701	64.695	.934	-.365	-.7911	1.0000
3	9	4	16.189	16.502	-16.493	-.542	-.313	-.7541	1.0000
3	9	5	47.835	48.273	-48.268	-.696	-.438	-1.3565	1.0000
3	9	6	20.294	19.434	19.430	.418	.860	1.9513	1.0000
3	11	-8	22.708	21.976	21.972	.395	.732	1.7640	1.0000
3	11	-6	71.978	72.531	-72.527	-.813	-.554	-1.1252	1.0000
3	11	-5	11.362	11.580	11.578	.254	-.219	-.4543	1.0000
3	11	-4	45.523	45.599	45.593	.731	-.076	-.2598	1.0000
3	11	-3	7.492	6.082	-6.078	-.211	1.411	2.3135	1.0000
3	11	-2	27.776	28.290	-28.287	-.421	-.514	-1.8558	1.0000
3	11	-1	43.161	44.273	-44.273	-.111	-1.112	-4.1736	1.0000
3	11	0	15.564	15.777	15.773	.329	-.213	-.5844	1.0000
3	11	1	28.453	29.083	29.081	.362	-.630	-2.1208	1.0000
3	11	2	7.656	8.183	-8.179	-.258	-.526	-.7551	1.0000
3	11	3	29.391	29.626	-29.625	-.314	-.236	-.7187	1.0000
3	11	4	15.251	15.519	-15.519	-.008	-.268	-.5563	1.0000
3	11	5	9.670	10.282	10.279	.236	-.612	-.8119	1.0000
3	11	6	12.853	12.732	12.731	.207	.121	.1884	1.0000
3	13	-8	11.720	11.471	-11.470	-.152	.249	.3801	1.0000
3	13	-7	18.270	17.178	17.174	.352	1.092	2.3673	1.0000
3	13	-5	11.321	11.636	11.636	.064	-.315	-.5862	1.0000
3	13	-4	8.307	8.819	8.817	.163	-.512	-.7860	1.0000
3	13	-3	29.124	29.070	-29.066	-.514	.054	.1723	1.0000
3	13	-2	26.044	25.677	25.675	.298	.367	1.1750	1.0000
3	13	-1	13.263	13.148	13.141	.446	.115	.2606	1.0000
3	13	0	28.827	28.034	-28.027	-.602	.793	2.5376	1.0000
3	13	1	16.338	16.567	16.567	.107	-.229	-.5522	1.0000
3	13	2	16.609	16.434	16.430	.327	.176	.4085	1.0000
3	13	3	33.875	34.079	-34.076	-.433	-.204	-.5937	1.0000
3	13	5	23.077	22.111	22.110	.196	.966	2.2174	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	15	-7	14.862	14.812	-14.812	-.141	.050	.0849	1.0000
3	15	-6	39.164	37.951	37.949	.406	1.213	3.4290	1.0000
3	15	-4	26.157	26.159	-26.157	-.362	-.002	-.0058	1.0000
3	15	-2	24.343	23.553	23.551	.258	.790	2.1708	1.0000
3	15	-1	29.129	28.740	28.739	.166	.389	1.1510	1.0000
3	15	0	22.472	22.064	-22.063	-.273	.408	1.0612	1.0000
3	15	1	14.308	13.788	-13.786	-.249	.520	1.0255	1.0000
3	15	2	16.661	16.998	16.996	.223	-.337	-.7070	1.0000
3	15	3	9.465	9.802	9.801	.138	-.336	-.4263	1.0000
3	17	-5	12.023	11.684	-11.684	-.041	.339	.5203	1.0000
3	17	-3	39.246	39.116	39.111	.616	.129	.3714	1.0000
3	17	-2	27.187	26.346	-26.343	-.399	.841	2.1597	1.0000
3	17	-1	39.563	39.591	-39.585	-.689	-.028	-.0789	1.0000
3	17	0	30.933	30.105	30.097	.656	.829	2.1848	1.0000
3	17	1	21.140	20.232	20.230	.292	.907	2.0588	1.0000
3	17	2	21.068	21.590	-21.586	-.404	-.522	-1.0952	1.0000
4	-18	-2	9.537	9.739	9.738	.147	-.207	-.2640	1.0000
4	-18	-1	17.798	17.288	-17.287	-.160	.510	1.0710	1.0000
4	-18	0	13.842	14.308	14.304	.329	-.466	-.7970	1.0000
4	-18	1	7.518	5.971	-5.970	-.150	1.547	1.6767	1.0000
4	-16	-5	10.444	10.046	10.046	.030	.398	.5754	1.0000
4	-16	-4	6.432	4.975	-4.974	-.052	1.457	1.4656	1.0000
4	-16	-2	14.764	14.210	14.210	.026	.554	1.1265	1.0000
4	-16	-1	10.578	9.616	-9.616	-.111	.961	1.5503	1.0000
4	-16	0	12.207	12.036	12.034	.198	.171	.3039	1.0000
4	-16	2	12.489	13.936	-13.930	-.403	-1.447	-2.4546	1.0000
4	-16	3	17.455	18.371	18.368	.327	-.916	-1.8234	1.0000
4	-14	-6	11.505	12.227	-12.221	-.377	-.721	-1.1353	1.0000
4	-14	-5	37.631	37.366	-37.362	-.587	.265	.7718	1.0000
4	-14	-4	29.529	29.622	29.617	.522	-.093	-.2708	1.0000
4	-14	-3	14.426	14.011	14.010	.138	.415	.9103	1.0000
4	-14	0	36.550	37.950	-37.947	-.472	-1.400	-4.4772	1.0000
4	-14	1	16.312	16.618	16.617	.223	-.306	-.7284	1.0000
4	-14	2	51.673	52.547	52.543	.670	-.874	-2.7968	1.0000
4	-14	3	16.251	16.697	-16.692	-.387	-.446	-.9160	1.0000
4	-14	4	27.259	27.202	-27.198	-.439	.057	.1401	1.0000
4	-12	-8	13.345	12.527	-12.525	-.233	.818	1.3300	1.0000
4	-12	-7	32.717	32.310	-32.308	-.293	.407	1.1030	1.0000
4	-12	-6	10.127	9.962	9.960	.184	.165	.2576	1.0000
4	-12	-5	25.798	25.488	25.485	.339	.311	.9182	1.0000
4	-12	-3	53.508	53.103	-53.099	-.597	.405	1.0403	1.0000
4	-12	-2	37.001	37.277	-37.276	-.282	-.277	-.9810	1.0000
4	-12	-1	58.248	58.885	58.880	.738	-.636	-1.7013	1.0000
4	-12	0	8.097	7.557	-7.557	.061	.540	.9160	1.0000
4	-12	1	22.718	23.865	-23.861	-.470	-1.147	-3.3912	1.0000
4	-12	2	10.634	10.691	10.690	.137	-.057	-.1073	1.0000
4	-12	3	25.593	24.787	-24.787	-.074	.806	2.2804	1.0000
4	-12	4	10.911	11.480	11.479	.149	-.569	-.9106	1.0000
4	-12	5	23.641	22.728	22.724	.388	.913	2.1727	1.0000
4	-10	-8	21.662	21.087	21.082	.457	.575	1.3525	1.0000
4	-10	-5	17.076	17.869	17.868	.130	-.793	-2.1198	1.0000
4	-10	-4	45.031	45.742	-45.739	-.544	-.710	-2.4753	1.0000
4	-10	-3	5.950	5.690	-5.685	.228	.260	.3756	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	-10	-2	26.680	26.672	26.670	.268	.008	.0287	1.0000
4	-10	-1	23.835	23.659	-23.655	-.433	.176	.6248	1.0000
4	-10	0	18.224	17.423	17.422	.189	.801	2.5616	1.0000
4	-10	2	26.147	26.296	-26.294	-.257	-.149	-.4930	1.0000
4	-10	3	7.800	8.335	8.334	.109	-.535	-.7904	1.0000
4	-10	4	10.373	10.162	10.161	.125	.210	.3569	1.0000
4	-10	5	7.836	7.485	-7.485	-.056	.351	.4196	1.0000
4	-10	6	7.390	6.668	-6.668	-.082	.722	.7489	1.0000
4	-8	-8	13.191	13.092	13.090	.227	.099	.1846	1.0000
4	-8	-7	28.391	29.016	29.016	.192	-.625	-1.8764	1.0000
4	-8	-6	10.542	11.393	11.393	-.005	-.851	-1.6446	1.0000
4	-8	-5	20.238	20.384	-20.383	-.226	-.147	-.4616	1.0000
4	-8	-4	55.189	57.101	-57.099	-.471	-1.912	-4.3383	1.0000
4	-8	-2	105.555	107.532	107.531	.514	-1.977	-1.8907	1.0000
4	-8	-3	43.494	44.440	44.438	.419	-.946	-3.0765	1.0000
4	-8	-1	77.056	78.529	-78.526	-.738	-1.473	-2.4360	1.0000
4	-8	0	21.324	23.359	-23.358	-.123	-2.035	-7.4905	1.0000
4	-8	1	56.726	58.598	58.595	.573	-1.872	-4.6240	1.0000
4	-8	2	15.410	15.836	15.836	-.077	-.425	-1.1860	1.0000
4	-8	3	27.100	27.064	27.063	.160	.036	.1193	1.0000
4	-8	4	29.806	29.950	-29.949	-.171	-.144	-.4529	1.0000
4	-8	5	27.161	26.725	-26.719	-.590	.436	1.2338	1.0000
4	-8	6	35.448	35.434	35.430	.586	.014	.0376	1.0000
4	-6	-9	26.905	26.371	26.368	.370	.534	1.3534	1.0000
4	-6	-8	15.836	16.197	-16.189	-.516	-.362	-.7931	1.0000
4	-6	-7	30.636	30.677	-30.677	-.042	-.041	-.1348	1.0000
4	-6	-6	12.545	12.272	-12.272	-.038	.274	.6592	1.0000
4	-6	-5	25.496	26.108	26.108	.137	-.612	-2.2132	1.0000
4	-6	-4	44.135	44.746	44.744	.484	-.612	-1.9248	1.0000
4	-6	-3	81.443	82.625	-82.622	-.683	-1.182	-1.6830	1.0000
4	-6	-2	69.825	69.889	-69.886	-.605	-.064	-.1143	1.0000
4	-6	-1	112.709	109.619	109.616	.799	3.090	3.2949	1.0000
4	-6	0	43.971	44.696	44.694	.498	-.726	-2.6720	1.0000
4	-6	1	33.152	34.539	-34.537	-.312	-1.386	-6.0119	1.0000
4	-6	2	18.142	17.885	-17.880	-.402	.257	.8495	1.0000
4	-6	3	6.698	7.189	7.189	-.024	-.491	-.7262	1.0000
4	-6	4	20.591	20.628	20.623	.452	-.037	-.1069	1.0000
4	-6	5	9.394	10.230	10.230	.073	-.836	-1.2948	1.0000
4	-6	6	12.371	12.092	-12.087	-.339	.279	.4777	1.0000
4	-6	7	10.516	9.585	-9.584	-.156	.931	1.2972	1.0000
4	-4	-10	8.405	8.099	-8.098	-.129	.306	.3466	1.0000
4	-4	-9	20.791	21.321	-21.319	-.286	-.530	-1.2615	1.0000
4	-4	-7	32.373	32.210	32.205	.600	.163	.5574	1.0000
4	-4	-5	75.119	76.265	-76.261	-.716	-1.146	-1.8474	1.0000
4	-4	-3	16.789	16.333	16.332	.129	.456	1.7789	1.0000
4	-4	-2	74.484	72.071	-72.071	-.195	2.412	3.8905	1.0000
4	-4	-1	63.373	62.122	62.120	.509	1.251	2.4667	1.0000
4	-4	0	24.573	24.933	-24.932	-.204	-.359	-1.6698	1.0000
4	-4	1	39.492	40.365	-40.363	-.360	-.873	-3.8728	1.0000
4	-4	2	58.453	60.326	60.322	.700	-1.873	-4.2487	1.0000
4	-4	3	42.459	43.391	-43.391	-.186	-.933	-3.7913	1.0000
4	-4	4	29.724	29.297	-29.293	-.506	.426	1.4594	1.0000
4	-4	5	19.920	19.852	19.847	.446	.068	.1794	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	-4	6	9.506	10.199	-10.199	-.107	-.693	-.9938	1.0000
4	-4	7	11.023	11.152	-11.150	-.245	-.129	-.1892	1.0000
4	-2	-10	16.235	16.900	-16.897	-.334	-.665	-1.2595	1.0000
4	-2	-8	22.416	21.893	21.889	.413	.523	1.4999	1.0000
4	-2	-7	5.678	6.271	-6.268	-.182	-.592	-.7225	1.0000
4	-2	-6	7.759	6.992	6.992	.017	.767	1.3479	1.0000
4	-2	-5	22.067	22.760	22.760	.079	-.693	-2.6520	1.0000
4	-2	-4	62.128	61.935	-61.932	-.538	.193	.3553	1.0000
4	-2	-3	13.396	13.408	-13.407	.156	-.012	-.0425	1.0000
4	-2	-2	103.070	101.010	101.008	.507	2.060	2.5603	1.0000
4	-2	-1	9.317	7.479	-7.477	-.181	1.838	5.5170	1.0000
4	-2	0	42.449	41.707	-41.707	-.204	.741	2.4946	1.0000
4	-2	1	22.416	21.986	21.986	.107	.429	1.8213	1.0000
4	-2	2	51.745	52.762	52.761	.326	-1.017	-3.0528	1.0000
4	-2	3	23.390	24.108	-24.108	.007	-.719	-2.5040	1.0000
4	-2	4	53.718	55.034	-55.032	-.483	-1.316	-3.8335	1.0000
4	-2	6	24.584	23.569	23.568	.217	1.015	2.6407	1.0000
4	0	-9	28.320	28.817	28.815	.389	-.498	-1.3872	1.0000
4	0	-8	17.686	17.757	17.755	.280	-.072	-.1791	1.0000
4	0	-7	55.409	54.910	-54.904	-.797	.499	1.2658	1.0000
4	0	-6	18.675	17.396	-17.394	-.248	1.279	4.0899	1.0000
4	0	-5	111.310	111.908	111.904	.919	-.597	-.6008	1.0000
4	0	-4	6.145	5.920	5.918	-.133	.225	.4065	1.0000
4	0	-3	119.500	116.898	-116.897	-.485	2.601	3.1528	1.0000
4	0	-2	58.884	55.726	55.726	.055	3.158	6.7710	1.0000
4	0	-1	56.408	51.941	51.941	-.189	4.467	11.0340	1.0000
4	0	0	116.292	116.580	116.577	.743	-.288	-.3493	1.0000
4	0	1	31.856	31.254	31.250	.548	.601	2.8613	1.0000
4	0	2	129.898	134.180	-134.175	-1.207	-4.282	-4.2853	1.0000
4	0	3	20.222	22.456	22.454	-.256	-2.233	-7.3858	1.0000
4	0	4	62.927	62.749	62.744	.841	.178	.3990	1.0000
4	0	6	11.792	10.877	-10.875	-.225	.915	1.5797	1.0000
4	2	-9	32.460	31.743	-31.741	-.350	.718	2.0896	1.0000
4	2	-8	17.173	16.940	-16.935	-.399	.233	.5989	1.0000
4	2	-7	41.623	41.701	41.695	.697	-.077	-.2891	1.0000
4	2	-6	18.413	17.459	17.456	.282	.955	3.0537	1.0000
4	2	-5	72.787	74.048	-74.045	-.666	-1.261	-2.1396	1.0000
4	2	-4	57.628	57.072	-57.072	-.227	.556	1.1669	1.0000
4	2	-3	39.820	38.317	38.317	.251	1.502	4.9680	1.0000
4	2	-2	60.939	59.107	59.106	.372	1.831	3.8427	1.0000
4	2	-1	9.368	9.941	9.941	.054	-.573	-1.6435	1.0000
4	2	0	61.364	60.142	-60.141	-.298	1.222	2.4089	1.0000
4	2	2	18.424	18.106	18.106	.093	.317	1.0865	1.0000
4	2	3	8.886	8.712	8.712	.034	.174	.3362	1.0000
4	2	4	14.575	14.768	-14.768	-.045	-.193	-.4775	1.0000
4	2	5	27.776	27.492	-27.489	-.406	.285	.8547	1.0000
4	2	6	12.115	12.757	12.757	.155	-.642	-1.0807	1.0000
4	2	7	19.479	19.782	19.777	.426	-.303	-.6285	1.0000
4	4	-9	11.203	10.107	10.105	.184	1.096	1.7966	1.0000
4	4	-8	8.236	8.598	-8.589	-.378	-.362	-.5195	1.0000
4	4	-7	5.894	4.291	4.283	.260	1.603	1.9794	1.0000
4	4	-6	13.053	13.748	-13.747	.152	-.695	-1.7612	1.0000
4	4	-5	46.092	47.098	-47.095	-.564	-1.006	-2.8864	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	4	-4	35.699	35.579	35.577	.359	.120	.5582	1.0000
4	4	-3	33.449	33.092	33.091	.178	.358	1.7452	1.0000
4	4	-2	99.103	97.014	-97.013	-.468	2.089	2.3974	1.0000
4	4	-1	51.504	50.948	50.945	.544	.556	1.3734	1.0000
4	4	0	6.888	6.776	-6.775	.029	.112	.2167	1.0000
4	4	1	72.439	71.040	-71.038	-.595	1.399	2.4370	1.0000
4	4	2	66.894	69.337	69.335	.528	-2.443	-5.0187	1.0000
4	4	3	24.143	25.337	-25.337	.070	-1.194	-3.9490	1.0000
4	4	4	60.811	61.018	-61.015	-.612	-.207	-.5245	1.0000
4	4	6	17.829	17.593	17.592	.166	.236	.5070	1.0000
4	6	-9	26.382	25.772	25.771	.211	.610	1.6093	1.0000
4	6	-8	12.853	13.162	13.157	.372	-.309	-.6217	1.0000
4	6	-7	34.977	35.295	-35.292	-.500	-.319	-1.0904	1.0000
4	6	-6	11.556	11.463	-11.457	-.361	.094	.2101	1.0000
4	6	-5	59.155	60.198	60.196	.445	-1.043	-2.2603	1.0000
4	6	-4	48.855	47.186	47.184	.402	1.669	4.3999	1.0000
4	6	-3	41.823	41.648	-41.648	-.179	.175	.6828	1.0000
4	6	-2	43.602	42.582	-42.578	-.577	1.020	3.3169	1.0000
4	6	-1	41.511	40.708	40.708	.122	.802	2.8997	1.0000
4	6	0	72.121	73.318	73.315	.646	-1.197	-2.0484	1.0000
4	6	1	11.254	10.445	-10.445	-.025	.809	1.9978	1.0000
4	6	2	27.607	28.253	-28.251	-.331	-.645	-2.3319	1.0000
4	6	3	32.829	32.755	-32.753	-.391	.074	.2587	1.0000
4	6	5	45.411	45.248	45.242	.737	.163	.5121	1.0000
4	8	-10	12.668	11.624	-11.624	-.080	1.044	1.6042	1.0000
4	8	-9	31.728	32.135	-32.128	-.652	-.407	-1.1041	1.0000
4	8	-8	14.160	14.226	14.224	.186	-.066	-.1323	1.0000
4	8	-7	9.665	10.225	10.224	.150	-.559	-.9573	1.0000
4	8	-6	8.256	8.591	8.589	.155	-.335	-.5352	1.0000
4	8	-5	34.992	35.261	35.259	.305	-.269	-1.0078	1.0000
4	8	-4	47.174	46.645	-46.638	-.818	.529	1.8101	1.0000
4	8	-3	45.836	47.306	-47.306	-.151	-1.470	-4.4813	1.0000
4	8	-2	115.677	117.553	117.548	1.112	-1.876	-1.7948	1.0000
4	8	-1	7.805	9.448	9.445	-.238	-1.643	-3.0540	1.0000
4	8	0	54.338	54.748	-54.744	-.620	-.410	-1.0124	1.0000
4	8	1	22.324	22.359	22.358	.248	-.036	-.1182	1.0000
4	8	2	7.451	6.943	-6.943	-.033	.508	.7934	1.0000
4	8	3	27.279	27.275	27.275	.124	.004	.0137	1.0000
4	8	5	24.850	24.728	-24.723	-.473	.122	.3094	1.0000
4	8	6	14.339	13.973	13.973	.042	.366	.6265	1.0000
4	10	-6	22.195	21.931	-21.930	-.114	.265	.7597	1.0000
4	10	-4	6.344	5.661	5.660	.112	.684	.9531	1.0000
4	10	-2	7.785	8.079	-8.079	.102	-.295	-.4957	1.0000
4	10	-1	16.850	15.903	-15.902	-.168	.947	2.7587	1.0000
4	10	0	6.201	4.487	-4.486	-.096	1.714	2.3720	1.0000
4	10	1	19.951	19.458	19.455	.348	.493	1.4358	1.0000
4	10	2	29.903	29.484	-29.483	-.235	.420	1.3643	1.0000
4	10	3	7.482	7.706	-7.704	-.165	-.224	-.2854	1.0000
4	10	4	21.063	20.840	20.837	.333	.223	.5514	1.0000
4	10	5	18.188	18.247	-18.244	-.299	-.059	-.1232	1.0000
4	12	-8	11.254	10.828	-10.824	-.279	.426	.6450	1.0000
4	12	-5	17.716	17.200	-17.195	-.392	.517	1.2923	1.0000
4	12	-4	18.864	18.580	18.572	.553	.284	.7930	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	12	-3	23.533	23.747	23.745	.302	-.214	-.6641	1.0000
4	12	-2	55.199	55.227	-55.220	-.872	-.028	-.0733	1.0000
4	12	-1	7.144	6.479	6.479	.057	.665	.9470	1.0000
4	12	0	23.384	23.350	23.343	.552	.034	.1034	1.0000
4	12	1	27.576	27.792	-27.791	-.108	-.215	-.6562	1.0000
4	12	2	13.939	13.748	13.747	-.089	.192	.3979	1.0000
4	12	3	14.759	15.865	-15.863	-.248	-1.106	-2.1581	1.0000
4	12	4	14.657	15.210	-15.210	-.111	-.554	-1.0094	1.0000
4	14	-7	11.915	12.219	12.217	.218	-.304	-.4787	1.0000
4	14	-6	19.351	20.214	20.208	.496	-.863	-1.9570	1.0000
4	14	-1	29.514	29.081	29.079	.364	.432	1.2977	1.0000
4	14	1	45.718	45.445	-45.439	-.737	.273	.8464	1.0000
4	14	2	26.654	26.366	26.363	.370	.288	.7396	1.0000
4	14	3	34.382	34.065	34.060	.585	.317	.8602	1.0000
4	16	-6	27.433	26.908	-26.902	-.564	.525	1.2807	1.0000
4	16	-5	20.581	21.278	21.274	.402	-.696	-1.5619	1.0000
4	16	-4	17.552	16.698	16.697	.134	.855	1.8742	1.0000
4	16	-3	21.114	20.380	-20.379	-.198	.734	1.8133	1.0000
4	16	-2	7.344	6.054	6.051	.179	1.290	1.4891	1.0000
4	16	-1	7.595	8.350	-8.347	-.245	-.755	-.8771	1.0000
4	16	1	29.140	28.664	28.662	.374	.475	1.2199	1.0000
4	16	2	14.334	13.420	-13.419	-.078	.914	1.6368	1.0000
4	18	-3	17.527	17.412	-17.411	-.179	.115	.2202	1.0000
4	18	-2	9.209	7.842	7.840	.140	1.367	1.6889	1.0000
5	-17	-4	10.378	9.333	-9.333	-.091	1.045	1.4769	1.0000
5	-17	-3	30.457	30.362	-30.354	-.705	.094	.2416	1.0000
5	-17	-2	13.986	13.540	13.536	.307	.446	.7905	1.0000
5	-17	-1	28.801	27.626	27.622	.467	1.175	3.0572	1.0000
5	-17	0	9.322	9.422	-9.419	-.269	-.100	-.1342	1.0000
5	-17	1	12.961	12.279	-12.279	-.000	.682	1.1182	1.0000
5	-15	-5	32.783	31.922	-31.918	-.542	.861	2.3337	1.0000
5	-15	-3	43.914	42.577	42.573	.589	1.337	4.0150	1.0000
5	-15	-1	20.914	20.721	-20.718	-.356	.193	.4837	1.0000
5	-15	0	6.078	4.683	4.683	.008	1.395	1.4632	1.0000
5	-15	1	14.293	14.634	14.632	.241	-.341	-.6596	1.0000
5	-15	2	18.321	18.525	18.524	.200	-.204	-.4374	1.0000
5	-15	3	10.352	10.764	-10.762	-.220	-.412	-.5698	1.0000
5	-13	-7	18.096	18.392	-18.391	-.215	-.296	-.6089	1.0000
5	-13	-6	9.558	10.208	10.203	.337	-.650	-.9402	1.0000
5	-13	-5	15.251	15.161	-15.160	-.204	.090	.1979	1.0000
5	-13	-3	13.166	12.509	12.501	.451	.657	1.4241	1.0000
5	-13	-2	25.762	26.731	-26.730	-.260	-.969	-2.8637	1.0000
5	-13	0	30.072	30.530	30.526	.473	-.458	-1.3951	1.0000
5	-13	1	20.058	19.661	-19.659	-.287	.398	1.0208	1.0000
5	-13	2	11.587	11.696	-11.696	-.043	-.109	-.1889	1.0000
5	-13	3	32.332	31.638	31.636	.399	.694	1.9350	1.0000
5	-13	4	17.127	18.321	-18.316	-.439	-1.194	-2.3779	1.0000
5	-11	-6	22.088	22.160	-22.159	-.204	-.072	-.1892	1.0000
5	-11	-5	12.571	11.916	11.908	.434	.655	1.3753	1.0000
5	-11	-4	8.420	9.715	9.715	.076	-1.295	-2.1236	1.0000
5	-11	-3	26.039	26.526	-26.521	-.523	-.487	-1.5841	1.0000
5	-11	-2	15.344	15.787	-15.787	-.027	-.443	-1.1685	1.0000
5	-11	-1	13.996	14.206	14.200	.429	-.210	-.5196	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	-11	0	21.299	21.646	21.644	.306	-.348	-1.0442	1.0000
5	-11	1	12.335	11.831	-11.826	-.326	.504	1.0817	1.0000
5	-11	2	41.208	42.108	-42.106	-.435	-.900	-2.9268	1.0000
5	-11	3	13.786	14.602	14.598	.305	-.816	-1.6413	1.0000
5	-11	4	14.534	13.757	13.754	.268	.777	1.5166	1.0000
5	-11	5	14.621	14.189	-14.189	-.097	.432	.7878	1.0000
5	-9	-9	25.537	25.243	-25.238	-.537	.293	.6897	1.0000
5	-9	-8	23.313	23.235	23.232	.395	.077	.1910	1.0000
5	-9	-7	38.087	38.564	38.559	.628	-.476	-1.4523	1.0000
5	-9	-6	42.828	43.653	-43.648	-.655	-.825	-2.7750	1.0000
5	-9	-4	10.829	12.434	12.431	.276	-1.605	-3.5188	1.0000
5	-9	-2	50.202	48.428	48.425	.545	1.775	5.0928	1.0000
5	-9	0	49.244	48.833	-48.825	-.896	.411	1.5720	1.0000
5	-9	1	29.093	29.303	29.298	.561	-.210	-.7307	1.0000
5	-9	2	43.033	44.119	44.115	.604	-1.087	-3.8549	1.0000
5	-9	3	40.906	40.939	-40.935	-.600	-.033	-.1107	1.0000
5	-9	4	12.376	12.443	-12.442	-.164	-.067	-.1210	1.0000
5	-9	5	12.207	10.934	10.933	.101	1.274	2.1424	1.0000
5	-7	-9	22.421	21.375	21.370	.477	1.046	2.4879	1.0000
5	-7	-8	10.121	10.450	-10.448	-.203	-.329	-.5299	1.0000
5	-7	-7	20.837	21.109	-21.105	-.437	-.272	-.7476	1.0000
5	-7	-6	11.418	11.892	11.891	.151	-.474	-1.0049	1.0000
5	-7	-5	7.692	7.301	7.300	.135	.391	.6939	1.0000
5	-7	-4	8.533	8.540	8.540	.007	-.007	-.0141	1.0000
5	-7	-2	5.812	5.368	5.368	.020	.444	.6983	1.0000
5	-7	-1	44.724	45.586	45.586	.218	-.862	-3.5054	1.0000
5	-7	0	22.042	22.331	22.330	-.086	-.289	-1.0439	1.0000
5	-7	1	31.113	32.719	-32.719	-.009	-1.607	-6.1483	1.0000
5	-7	4	23.569	22.190	22.190	.168	1.379	3.8988	1.0000
5	-7	6	28.509	27.997	-27.995	-.318	.512	1.2806	1.0000
5	-5	-10	20.238	19.928	-19.928	-.158	.310	.6566	1.0000
5	-5	-9	24.420	23.761	23.756	.489	.659	1.6699	1.0000
5	-5	-7	41.700	42.408	-42.404	-.609	-.708	-2.4666	1.0000
5	-5	-6	22.518	22.647	22.643	.423	-.129	-.4184	1.0000
5	-5	-5	41.521	44.167	-44.167	.089	-2.646	-10.5356	1.0000
5	-5	-4	6.457	6.409	-6.404	-.266	.048	.0810	1.0000
5	-5	-3	66.156	67.122	67.121	.403	-.966	-1.8857	1.0000
5	-5	-2	38.764	38.203	-38.202	-.311	.561	1.9902	1.0000
5	-5	-1	33.060	34.128	-34.128	-.106	-1.068	-4.7383	1.0000
5	-5	0	45.231	43.822	43.814	.844	1.409	4.9110	1.0000
5	-5	1	10.342	8.555	-8.545	-.400	1.787	4.2011	1.0000
5	-5	2	62.584	62.412	-62.408	-.730	.171	.4078	1.0000
5	-5	3	16.461	16.891	16.886	.385	-.430	-1.1496	1.0000
5	-5	4	16.164	15.958	15.956	.236	.206	.4958	1.0000
5	-3	-9	33.916	34.201	-34.196	-.584	-.285	-.8312	1.0000
5	-3	-8	10.854	9.616	9.615	.143	1.238	2.3006	1.0000
5	-3	-7	40.301	40.445	40.440	.593	-.144	-.5186	1.0000
5	-3	-6	21.211	21.445	-21.445	-.065	-.233	-.7587	1.0000
5	-3	-5	52.862	53.072	-53.069	-.599	-.210	-.5329	1.0000
5	-3	-3	66.668	67.582	67.578	.726	-.914	-1.6358	1.0000
5	-3	-2	19.787	19.433	19.426	.517	.353	1.4673	1.0000
5	-3	-1	43.330	43.540	-43.537	-.495	-.209	-.7048	1.0000
5	-3	0	38.605	38.211	-38.210	-.332	.394	1.7880	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	-3	1	6.959	6.831	-6.831	-.063	.128	.2213	1.0000
5	-3	3	27.402	27.135	27.131	.452	.267	.9155	1.0000
5	-3	4	37.344	37.247	-37.242	-.609	.097	.3273	1.0000
5	-3	5	40.645	41.151	-41.148	-.443	-.506	-1.5671	1.0000
5	-3	6	48.716	48.033	48.027	.761	.683	1.9903	1.0000
5	-1	-10	43.427	42.337	42.334	.510	1.091	3.0843	1.0000
5	-1	-8	10.993	11.212	-11.212	-.053	-.220	-.4161	1.0000
5	-1	-7	17.829	18.470	18.470	.022	-.640	-1.8113	1.0000
5	-1	-6	46.144	45.449	-45.445	-.628	.694	2.5086	1.0000
5	-1	-5	55.676	59.082	59.081	.392	-3.406	-7.6398	1.0000
5	-1	-4	64.434	63.416	63.412	.740	1.018	2.0471	1.0000
5	-1	-3	50.223	49.682	-49.677	-.713	.541	1.3883	1.0000
5	-1	-2	14.703	15.439	15.439	-.111	-.736	-2.6612	1.0000
5	-1	-1	49.649	49.332	49.328	.585	.317	.8841	1.0000
5	-1	0	14.729	15.381	15.378	-.258	-.652	-2.1935	1.0000
5	-1	1	19.920	21.117	-21.117	-.063	-1.197	-4.3240	1.0000
5	-1	2	13.576	13.587	-13.587	-.035	-.011	-.0297	1.0000
5	-1	3	15.738	15.167	-15.163	-.353	.571	1.5468	1.0000
5	-1	4	27.725	27.751	27.750	.278	-.026	-.0807	1.0000
5	-1	5	15.323	15.020	15.017	.251	.304	.6370	1.0000
5	-1	6	17.014	16.395	-16.394	-.200	.619	1.2717	1.0000
5	1	-10	16.374	15.303	-15.302	-.123	1.071	2.0901	1.0000
5	1	-8	7.892	7.755	7.755	.003	.138	.1960	1.0000
5	1	-6	19.664	19.532	-19.532	-.105	.131	.4271	1.0000
5	1	-5	5.617	5.085	5.084	.074	.532	.7471	1.0000
5	1	-4	44.514	44.853	44.852	.293	-.339	-1.0013	1.0000
5	1	-3	17.030	16.254	-16.252	-.255	.776	2.9681	1.0000
5	1	-2	9.322	10.048	-10.048	-.069	-.726	-1.8651	1.0000
5	1	-1	32.138	32.047	32.044	.393	.091	.4313	1.0000
5	1	0	12.422	12.882	12.880	-.243	-.460	-1.3593	1.0000
5	1	1	14.949	16.055	-16.055	-.065	-1.106	-3.3213	1.0000
5	1	2	6.406	6.693	-6.693	.044	-.287	-.4148	1.0000
5	1	3	32.819	32.381	-32.377	-.541	.438	1.5526	1.0000
5	1	4	27.582	27.931	27.928	.394	-.349	-1.0809	1.0000
5	1	5	53.477	52.821	52.818	.590	.656	2.0994	1.0000
5	1	6	34.900	34.704	-34.700	-.572	.195	.5370	1.0000
5	3	-10	29.283	28.482	-28.477	-.484	.801	2.0851	1.0000
5	3	-9	19.151	18.814	-18.814	-.070	.337	.7926	1.0000
5	3	-6	65.500	65.256	65.253	.661	.244	.4665	1.0000
5	3	-5	81.684	83.736	-83.735	-.372	-2.052	-2.7053	1.0000
5	3	-4	89.089	90.644	-90.639	-.892	-1.554	-2.2140	1.0000
5	3	-3	97.853	96.499	96.496	.793	1.354	1.4355	1.0000
5	3	-2	34.023	34.594	34.588	.630	-.570	-2.7132	1.0000
5	3	-1	48.732	48.031	-48.028	-.508	.701	1.9810	1.0000
5	3	0	51.273	51.286	-51.285	-.339	-.012	-.0337	1.0000
5	3	1	27.597	27.473	-27.472	-.207	.124	.4748	1.0000
5	3	3	34.890	34.541	34.538	.468	.348	1.2138	1.0000
5	3	5	29.795	30.300	-30.298	-.371	-.504	-1.4264	1.0000
5	5	-10	6.847	6.424	6.424	.050	.423	.4083	1.0000
5	5	-9	32.542	32.746	32.742	.478	-.203	-.5750	1.0000
5	5	-8	10.824	10.498	10.497	.161	.326	.5722	1.0000
5	5	-7	34.218	34.528	-34.523	-.574	-.310	-1.0603	1.0000
5	5	-6	5.612	5.385	-5.383	-.145	.227	.2798	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	5	-5	24.645	23.802	23.798	.412	.843	3.0473	1.0000
5	5	-3	31.441	31.878	31.878	.122	-.438	-1.8564	1.0000
5	5	-2	23.569	23.539	-23.535	-.383	.030	.1182	1.0000
5	5	-1	41.121	41.260	-41.258	-.413	-.139	-.5119	1.0000
5	5	0	30.882	28.993	28.982	.791	1.889	7.5227	1.0000
5	5	1	7.749	8.112	8.111	.063	-.363	-.6106	1.0000
5	5	2	52.304	51.910	-51.903	-.854	.393	1.0807	1.0000
5	5	3	11.490	11.217	11.214	.265	.273	.5548	1.0000
5	5	4	19.659	19.640	19.638	.287	.018	.0457	1.0000
5	5	5	20.105	20.014	-20.014	-.104	.090	.2098	1.0000
5	5	6	20.822	20.172	20.169	.303	.650	1.4261	1.0000
5	7	-10	25.019	25.413	25.410	.407	-.394	-.9155	1.0000
5	7	-9	18.090	17.273	-17.269	-.411	.817	1.7913	1.0000
5	7	-8	8.630	8.664	-8.661	-.214	-.034	-.0475	1.0000
5	7	-7	51.058	51.086	51.083	.575	-.028	-.0932	1.0000
5	7	-6	37.109	37.928	-37.927	-.227	-.820	-2.9077	1.0000
5	7	-4	68.144	70.170	70.170	.365	-2.026	-3.9938	1.0000
5	7	-3	20.694	20.042	-20.040	-.294	.652	2.2314	1.0000
5	7	-2	21.714	23.540	-23.540	-.065	-1.826	-6.3631	1.0000
5	7	-1	12.074	11.508	11.504	.306	.566	1.3978	1.0000
5	7	0	31.707	34.081	34.081	-.179	-2.374	-8.9084	1.0000
5	7	2	15.764	16.490	-16.490	.000	-.727	-1.8176	1.0000
5	7	4	18.721	18.153	18.152	.147	.568	1.3191	1.0000
5	7	5	14.185	13.453	13.452	.141	.733	1.3119	1.0000
5	9	-9	28.591	26.409	-26.407	-.321	2.182	5.6767	1.0000
5	9	-8	27.274	26.526	-26.525	-.216	.748	2.0268	1.0000
5	9	-7	36.427	36.932	36.929	.521	-.505	-1.5909	1.0000
5	9	-6	20.417	19.515	19.515	.104	.902	2.4797	1.0000
5	9	-5	32.501	33.302	-33.300	-.344	-.801	-2.7899	1.0000
5	9	-4	15.805	15.902	-15.902	.007	-.097	-.2676	1.0000
5	9	-3	16.773	16.092	-16.090	-.227	.682	1.9273	1.0000
5	9	-2	33.680	33.217	33.215	.297	.463	1.7390	1.0000
5	9	-1	28.617	28.304	28.298	.584	.313	1.1114	1.0000
5	9	0	50.781	49.594	-49.587	-.832	1.187	3.6193	1.0000
5	9	1	21.273	21.959	-21.955	-.397	-.686	-2.0281	1.0000
5	9	2	40.865	41.140	41.132	.828	-.275	-.9094	1.0000
5	9	4	10.844	9.763	-9.760	-.237	1.081	1.6871	1.0000
5	9	5	16.538	15.061	15.061	.057	1.477	2.7976	1.0000
5	11	-9	20.453	20.464	20.456	.565	-.011	-.0224	1.0000
5	11	-8	27.843	28.463	28.459	.484	-.620	-1.5930	1.0000
5	11	-7	45.011	44.888	-44.883	-.696	.123	.3795	1.0000
5	11	-6	7.149	7.858	-7.855	-.218	-.709	-.8757	1.0000
5	11	-5	9.886	9.087	9.080	.344	.799	1.4044	1.0000
5	11	-3	11.879	11.815	11.814	.123	.064	.1392	1.0000
5	11	-2	37.062	37.150	-37.148	-.414	-.088	-.3069	1.0000
5	11	-1	16.902	16.714	-16.711	-.317	.187	.4942	1.0000
5	11	0	17.527	17.439	17.433	.473	.088	.2249	1.0000
5	11	1	10.731	9.912	9.907	.294	.820	1.4675	1.0000
5	11	2	15.764	16.012	-16.010	-.276	-.248	-.5324	1.0000
5	11	3	21.273	20.959	-20.956	-.369	.314	.7555	1.0000
5	13	-6	25.306	25.173	25.170	.373	.133	.3473	1.0000
5	13	-4	36.770	37.419	-37.413	-.661	-.649	-2.0416	1.0000
5	13	-3	26.311	25.983	25.983	.185	.327	.9535	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	13	-2	14.923	15.163	15.158	.377	-.239	-.5303	1.0000
5	13	-1	27.397	27.422	-27.419	-.422	-.025	-.0723	1.0000
5	13	0	18.746	18.949	18.948	.218	-.203	-.4890	1.0000
5	13	1	9.896	10.392	10.391	.126	-.496	-.7335	1.0000
5	13	2	29.754	29.549	-29.545	-.453	.206	.5420	1.0000
5	13	3	8.881	9.672	9.667	.321	-.791	-.9709	1.0000
5	15	-7	25.004	25.587	25.585	.364	-.584	-1.3243	1.0000
5	15	-5	10.465	11.079	-11.077	-.184	-.614	-.9073	1.0000
5	15	-2	23.579	23.194	23.194	.203	.385	.9748	1.0000
5	15	0	11.603	10.085	-10.084	-.195	1.517	2.4669	1.0000
5	15	2	8.640	6.748	6.748	.034	1.892	2.2113	1.0000
5	17	-5	18.506	18.562	-18.560	-.278	-.057	-.1120	1.0000
5	17	-4	43.771	43.166	43.158	.821	.605	1.6625	1.0000
5	17	-2	37.165	36.888	-36.882	-.645	.277	.7408	1.0000
6	-16	-4	7.211	4.787	-4.787	.036	2.424	2.6421	1.0000
6	-16	-1	24.573	24.498	24.497	.223	.075	.1807	1.0000
6	-16	1	17.214	17.140	-17.137	-.313	.074	.1495	1.0000
6	-14	-6	20.515	18.815	-18.812	-.315	1.700	3.9025	1.0000
6	-14	-4	9.547	8.846	-8.844	-.201	.701	1.0693	1.0000
6	-14	-3	21.683	21.490	21.487	.321	.193	.4900	1.0000
6	-14	-2	35.510	35.974	35.971	.465	-.464	-1.3726	1.0000
6	-14	-1	43.873	43.890	-43.884	-.714	-.016	-.0502	1.0000
6	-14	0	12.750	12.626	-12.624	-.225	.124	.2288	1.0000
6	-14	1	35.668	36.986	36.981	.639	-1.318	-3.6736	1.0000
6	-12	-7	19.982	20.463	-20.460	-.343	-.481	-1.0551	1.0000
6	-12	-6	6.370	5.683	5.679	.202	.688	.7291	1.0000
6	-12	-5	23.707	23.837	23.831	.544	-.130	-.3526	1.0000
6	-12	-4	8.164	9.497	-9.496	-.128	-1.333	-1.8846	1.0000
6	-12	-3	26.838	27.232	-27.227	-.477	-.393	-1.1799	1.0000
6	-12	-2	19.382	19.755	19.754	.188	-.373	-.9967	1.0000
6	-12	-1	14.821	14.838	-14.837	.186	-.017	-.0400	1.0000
6	-12	1	17.481	17.675	17.675	.026	-.194	-.4512	1.0000
6	-12	2	36.883	37.933	-37.928	-.574	-1.050	-3.0569	1.0000
6	-12	4	22.846	23.267	23.258	.642	-.421	-.9228	1.0000
6	-10	-8	16.866	16.911	-16.908	-.331	-.045	-.0923	1.0000
6	-10	-7	7.867	8.876	8.869	.340	-1.009	-1.2544	1.0000
6	-10	-6	17.045	17.794	17.793	.141	-.749	-1.7389	1.0000
6	-10	-5	23.702	24.005	-23.999	-.549	-.303	-.8949	1.0000
6	-10	-4	16.779	16.515	16.511	.370	.263	.7130	1.0000
6	-10	-3	22.031	21.096	21.093	.312	.936	2.8984	1.0000
6	-10	-2	32.179	31.974	-31.971	-.426	.205	.7141	1.0000
6	-10	-1	16.937	16.632	16.631	.163	.305	.8272	1.0000
6	-10	1	26.874	26.504	-26.503	-.287	.370	1.1283	1.0000
6	-10	2	10.624	9.927	9.926	.134	.697	1.2363	1.0000
6	-10	4	8.471	8.324	-8.324	-.067	.147	.1773	1.0000
6	-8	-7	13.745	13.488	13.486	.251	.257	.5330	1.0000
6	-8	-6	16.358	17.164	17.164	.047	-.805	-1.9890	1.0000
6	-8	-5	22.739	21.545	-21.540	-.469	1.193	3.6963	1.0000
6	-8	-4	10.695	10.227	10.225	.181	.469	1.0513	1.0000
6	-8	-3	62.533	62.537	62.534	.545	-.004	-.0089	1.0000
6	-8	-2	20.289	21.045	-21.043	-.239	-.755	-2.4167	1.0000
6	-8	-1	8.866	8.373	-8.372	-.137	.493	.9817	1.0000
6	-8	0	7.779	6.911	-6.909	-.164	.868	1.4604	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
6	-8	1	12.761	12.524	-12.521	-.274	.236	.5557	1.0000
6	-8	2	56.419	56.380	56.376	.674	.039	.1264	1.0000
6	-8	3	8.973	9.319	-9.319	.083	-.346	-.5076	1.0000
6	-8	4	37.201	36.879	-36.870	-.829	.322	.9376	1.0000
6	-8	5	19.269	19.191	19.189	.258	.079	.1650	1.0000
6	-6	-9	9.035	7.943	7.943	.068	1.092	1.4597	1.0000
6	-6	-7	46.948	47.012	-47.007	-.690	-.064	-.2177	1.0000
6	-6	-6	13.314	13.011	-13.010	-.178	.303	.7213	1.0000
6	-6	-5	85.538	85.451	85.444	1.090	.087	.1248	1.0000
6	-6	-4	6.708	7.604	7.604	.018	-.896	-1.3986	1.0000
6	-6	-3	74.043	74.947	-74.943	-.715	-.904	-1.5891	1.0000
6	-6	-2	9.383	7.846	7.846	.009	1.538	3.4486	1.0000
6	-6	-1	13.130	12.764	12.763	.162	.365	.9902	1.0000
6	-6	0	15.072	15.490	15.488	.242	-.418	-1.1981	1.0000
6	-6	2	37.401	37.694	-37.690	-.537	-.294	-1.0050	1.0000
6	-6	4	33.890	34.282	34.279	.478	-.392	-1.1252	1.0000
6	-6	5	16.297	15.994	15.993	.114	.303	.5973	1.0000
6	-4	-10	11.679	11.241	-11.239	-.229	.438	.6732	1.0000
6	-4	-9	29.754	28.905	-28.902	-.387	.850	2.3694	1.0000
6	-4	-7	25.742	26.079	26.078	.250	-.337	-1.0451	1.0000
6	-4	-5	15.718	17.055	-17.054	.107	-1.337	-3.9524	1.0000
6	-4	-4	28.781	30.236	-30.236	-.150	-1.456	-5.6810	1.0000
6	-4	-3	7.257	6.859	-6.859	-.008	.398	.7392	1.0000
6	-4	-2	78.758	80.570	80.567	.591	-1.812	-2.9462	1.0000
6	-4	-1	68.365	69.028	-69.027	-.496	-.664	-1.3636	1.0000
6	-4	0	84.431	86.207	-86.205	-.565	-1.776	-2.7506	1.0000
6	-4	1	52.129	52.970	52.966	.620	-.841	-2.2783	1.0000
6	-4	2	10.680	10.835	-10.835	-.063	-.155	-.3179	1.0000
6	-4	4	16.117	16.542	16.537	.413	-.425	-.9308	1.0000
6	-4	5	20.269	19.766	-19.765	-.239	.502	1.1529	1.0000
6	-2	-10	9.117	7.164	7.164	.030	1.953	2.4907	1.0000
6	-2	-9	26.275	26.000	25.999	.249	.275	.7342	1.0000
6	-2	-8	11.187	11.059	-11.052	-.392	.128	.2336	1.0000
6	-2	-6	26.449	25.862	25.860	.342	.587	2.0437	1.0000
6	-2	-5	12.397	11.003	-10.993	-.484	1.394	3.5781	1.0000
6	-2	-3	51.658	50.262	50.260	.414	1.396	3.4927	1.0000
6	-2	-2	7.123	7.835	-7.834	-.131	-.711	-1.3222	1.0000
6	-2	-1	34.767	34.977	-34.977	-.207	-.211	-.8945	1.0000
6	-2	0	42.597	43.150	-43.149	-.277	-.553	-2.3457	1.0000
6	-2	1	13.181	13.572	13.572	.002	-.391	-1.0039	1.0000
6	-2	2	46.343	46.586	46.585	.395	-.243	-.9122	1.0000
6	-2	4	23.456	23.259	-23.258	-.183	.197	.5267	1.0000
6	-2	5	8.728	8.177	-8.174	-.218	.550	.6927	1.0000
6	-2	6	13.883	13.828	13.827	.145	.055	.0895	1.0000
6	0	-10	13.632	13.633	13.632	.187	-.001	-.0022	1.0000
6	0	-9	39.630	40.157	40.152	.617	-.527	-1.5824	1.0000
6	0	-8	14.088	13.633	-13.629	-.309	.455	1.0207	1.0000
6	0	-7	43.222	42.713	-42.710	-.482	.509	1.8401	1.0000
6	0	-6	13.432	13.294	13.292	.200	.139	.3466	1.0000
6	0	-5	42.961	43.635	43.635	.127	-.674	-2.3913	1.0000
6	0	-4	54.128	55.622	55.620	.476	-1.494	-3.6914	1.0000
6	0	-3	12.043	11.994	11.994	-.000	.049	.1369	1.0000
6	0	-2	128.217	130.465	-130.460	-1.115	-2.248	-2.2611	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
6	0	-1	30.810	30.650	30.648	.274	.161	.6813	1.0000
6	0	0	111.418	112.778	112.774	.907	-1.360	-1.2637	1.0000
6	0	1	50.136	50.814	-50.811	-.583	-.679	-1.9767	1.0000
6	0	2	11.433	11.060	-11.056	-.289	.373	.8096	1.0000
6	0	3	10.465	11.299	11.295	.273	-.834	-1.5065	1.0000
6	0	4	12.407	12.454	12.454	.008	-.047	-.0879	1.0000
6	0	5	33.429	32.661	32.658	.410	.768	2.1106	1.0000
6	0	6	11.930	9.977	-9.977	-.095	1.953	3.0249	1.0000
6	2	-10	10.485	10.551	-10.550	-.115	-.066	-.0929	1.0000
6	2	-9	45.154	45.163	-45.157	-.747	-.009	-.0278	1.0000
6	2	-7	31.769	31.861	31.857	.447	-.092	-.3151	1.0000
6	2	-6	16.076	17.031	17.031	-.090	-.955	-2.6622	1.0000
6	2	-5	28.709	28.982	-28.981	-.126	-.273	-1.0435	1.0000
6	2	-4	54.886	56.600	-56.599	-.294	-1.714	-4.1279	1.0000
6	2	-3	5.350	3.861	3.859	.136	1.489	2.0040	1.0000
6	2	-2	67.473	67.802	67.801	.423	-.329	-.6361	1.0000
6	2	-1	36.442	36.659	-36.658	-.229	-.217	-.9196	1.0000
6	2	0	64.060	66.673	-66.671	-.428	-2.613	-5.2026	1.0000
6	2	2	47.604	47.685	47.683	.432	-.081	-.3039	1.0000
6	2	3	12.884	12.736	12.732	.312	.148	.3074	1.0000
6	2	4	27.305	27.165	-27.162	-.385	.140	.3951	1.0000
6	4	-8	20.996	20.864	20.862	.327	.132	.3531	1.0000
6	4	-7	11.408	11.598	-11.598	-.008	-.191	-.3797	1.0000
6	4	-6	35.248	35.395	-35.392	-.454	-.147	-.5410	1.0000
6	4	-5	35.715	35.305	35.302	.440	.410	1.5988	1.0000
6	4	-3	77.876	78.379	-78.378	-.459	-.503	-.8115	1.0000
6	4	-2	55.040	55.507	55.504	.560	-.467	-1.1246	1.0000
6	4	0	83.816	84.858	-84.855	-.649	-1.042	-1.5881	1.0000
6	4	1	37.098	37.282	37.279	.516	-.184	-.6908	1.0000
6	4	2	5.555	7.591	7.589	.186	-2.036	-2.2072	1.0000
6	4	4	8.020	7.395	7.391	.249	.625	.7578	1.0000
6	4	5	19.315	19.524	-19.523	-.248	-.209	-.4435	1.0000
6	6	-9	35.658	36.496	36.491	.611	-.837	-2.4030	1.0000
6	6	-7	20.971	21.398	-21.394	-.403	-.427	-1.1910	1.0000
6	6	-6	6.421	5.688	-5.687	-.087	.734	.9479	1.0000
6	6	-5	24.240	24.991	24.990	.194	-.751	-2.4831	1.0000
6	6	-4	26.941	27.541	27.538	.391	-.600	-2.1675	1.0000
6	6	-2	29.826	30.132	-30.128	-.484	-.306	-1.1477	1.0000
6	6	-1	5.294	4.357	-4.357	-.014	.937	1.1498	1.0000
6	6	0	24.906	25.302	25.299	.351	-.395	-1.3297	1.0000
6	6	1	30.902	30.957	30.955	.350	-.055	-.1844	1.0000
6	6	2	22.836	23.030	-23.027	-.377	-.194	-.5481	1.0000
6	6	3	22.626	23.438	-23.434	-.445	-.812	-2.1133	1.0000
6	6	4	38.569	38.205	38.200	.585	.365	1.0619	1.0000
6	6	5	9.496	9.800	9.796	.280	-.304	-.3830	1.0000
6	8	-8	21.258	21.468	-21.463	-.477	-.211	-.5207	1.0000
6	8	-7	13.658	13.716	13.713	.291	-.058	-.1197	1.0000
6	8	-6	49.382	49.701	49.695	.824	-.319	-1.1316	1.0000
6	8	-5	38.595	37.806	-37.799	-.714	.789	2.7991	1.0000
6	8	-4	51.842	51.429	-51.425	-.573	.414	1.2048	1.0000
6	8	-3	65.879	65.279	65.276	.665	.600	1.2074	1.0000
6	8	-2	17.773	17.643	17.643	.055	.130	.3719	1.0000
6	8	-1	15.477	15.832	-15.832	-.037	-.355	-.9117	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
6	8	1	33.162	33.314	-33.310	-.558	-.152	-.4857	1.0000
6	8	2	51.996	51.647	51.646	.349	.349	1.1530	1.0000
6	8	3	30.154	30.383	30.376	.641	-.229	-.6286	1.0000
6	8	4	36.483	35.869	-35.867	-.440	.614	1.6874	1.0000
6	10	-9	6.847	4.720	4.720	.021	2.126	2.0541	1.0000
6	10	-7	21.242	21.287	-21.287	-.102	-.045	-.1134	1.0000
6	10	-6	12.258	12.502	-12.500	-.223	-.244	-.4667	1.0000
6	10	-5	5.745	5.318	5.318	.046	.427	.4604	1.0000
6	10	-4	9.998	8.622	8.621	.119	1.377	2.5347	1.0000
6	10	-3	11.741	11.370	-11.369	.115	.371	.7703	1.0000
6	10	-2	24.732	24.431	-24.430	-.199	.301	.9325	1.0000
6	10	0	21.811	21.511	21.509	.265	.301	.8378	1.0000
6	10	1	17.568	17.393	-17.392	-.194	.175	.4113	1.0000
6	10	3	16.517	16.165	16.162	.345	.352	.6937	1.0000
6	10	4	16.861	17.101	-17.098	-.318	-.240	-.4505	1.0000
6	12	-8	14.344	14.587	14.583	.350	-.243	-.4233	1.0000
6	12	-6	28.074	28.796	-28.788	-.703	-.723	-1.9869	1.0000
6	12	-5	25.803	25.595	25.591	.411	.209	.5815	1.0000
6	12	-4	22.226	21.916	21.911	.473	.310	.8296	1.0000
6	12	-3	46.882	46.567	-46.564	-.499	.315	1.0405	1.0000
6	12	-2	8.154	8.787	8.787	-.010	-.633	-.8641	1.0000
6	12	-1	16.989	17.044	17.044	.043	-.056	-.1275	1.0000
6	12	0	23.364	23.051	-23.051	-.077	.313	.8143	1.0000
6	12	1	24.635	25.381	25.377	.466	-.746	-1.9160	1.0000
6	12	2	10.291	10.701	-10.700	-.152	-.410	-.5718	1.0000
6	12	3	25.255	25.103	-25.098	-.519	.152	.3531	1.0000
6	14	-7	19.971	19.458	19.456	.244	.513	1.0772	1.0000
6	14	-6	10.926	11.393	11.388	.338	-.467	-.7011	1.0000
6	14	-4	17.798	17.461	-17.457	-.388	.337	.7389	1.0000
6	14	-3	9.922	8.416	-8.412	-.250	1.505	2.2596	1.0000
6	14	-2	40.752	40.217	40.213	.601	.535	1.5816	1.0000
6	14	-1	20.945	21.10[illegible]	21.103	.322	-.160	-.3769	1.0000
6	14	0	38.846	38.466	-38.460	-.658	.380	1.0740	1.0000
6	16	-3	24.399	24.913	24.909	.473	-.514	-1.2085	1.0000
6	16	-2	9.660	10.110	-10.104	-.340	-.449	-.5885	1.0000
6	16	-1	19.054	18.674	-18.672	-.267	.380	.7967	1.0000
7	-15	-5	6.555	7.212	-7.206	-.281	-.657	-.6475	1.0000
7	-15	-4	26.572	27.210	27.207	.399	-.638	-1.5753	1.0000
7	-15	-3	6.483	5.842	5.840	.124	.641	.6320	1.0000
7	-15	-1	7.431	7.353	-7.349	-.213	.078	.0874	1.0000
7	-15	0	6.447	4.230	-4.226	-.193	2.217	2.1629	1.0000
7	-13	-6	12.059	11.891	-11.891	-.118	.167	.2768	1.0000
7	-13	-5	7.595	7.003	7.003	.007	.591	.7124	1.0000
7	-13	-4	9.317	9.537	9.532	.326	-.220	-.3259	1.0000
7	-13	-3	30.754	30.470	-30.468	-.374	.284	.8023	1.0000
7	-13	-1	23.046	24.037	24.034	.383	-.990	-2.5100	1.0000
7	-13	0	22.477	22.407	-22.403	-.445	.070	.1728	1.0000
7	-13	1	13.565	13.750	-13.750	.000	-.184	-.3302	1.0000
7	-13	2	26.208	25.490	25.486	.453	.718	1.7505	1.0000
7	-11	-7	21.519	21.981	-21.976	-.468	-.462	-1.0722	1.0000
7	-11	-6	19.941	20.100	20.096	.382	-.159	-.3842	1.0000
7	-11	-5	13.248	13.384	13.378	.404	-.136	-.2684	1.0000
7	-11	-4	18.777	19.267	-19.265	-.245	-.490	-1.2573	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
7	-11	-3	15.887	15.420	-15.418	-.288	.467	1.1381	1.0000
7	-11	-2	6.760	7.451	-7.450	-.124	-.692	-.8706	1.0000
7	-11	-1	8.656	9.196	9.192	.281	-.540	-.8234	1.0000
7	-11	0	6.027	6.603	6.599	.224	-.576	-.6176	1.0000
7	-11	1	25.732	26.278	-26.277	-.296	-.547	-1.4618	1.0000
7	-11	3	11.392	9.337	9.337	.082	2.055	3.2605	1.0000
7	-9	-8	34.418	35.162	35.160	.441	-.744	-2.0172	1.0000
7	-9	-7	7.959	8.677	-8.676	.086	-.718	-.9099	1.0000
7	-9	-6	9.845	10.223	10.222	.137	-.379	-.6262	1.0000
7	-9	-5	7.882	7.528	-7.522	-.296	.354	.5440	1.0000
7	-9	-4	13.263	13.519	-13.510	-.496	-.256	-.5808	1.0000
7	-9	-3	45.221	44.703	44.696	.765	.518	1.8385	1.0000
7	-9	-1	47.455	46.643	-46.634	-.947	.812	2.8814	1.0000
7	-9	0	5.796	5.859	5.859	.094	-.063	-.0743	1.0000
7	-9	1	30.426	30.225	30.222	.416	.201	.6025	1.0000
7	-9	3	7.754	7.685	7.683	.199	.069	.0792	1.0000
7	-9	4	10.880	11.552	-11.549	-.277	-.673	-.9442	1.0000
7	-7	-9	6.498	4.885	-4.885	.034	1.613	1.5662	1.0000
7	-7	-8	15.118	14.070	-14.067	-.266	1.048	2.1307	1.0000
7	-7	-7	13.565	12.976	12.976	.048	.589	1.2501	1.0000
7	-7	-5	17.629	17.251	17.250	.196	.378	1.0387	1.0000
7	-7	-4	16.410	16.127	16.127	.054	.282	.7761	1.0000
7	-7	-3	28.355	27.943	-27.942	-.315	.412	1.4358	1.0000
7	-7	-2	21.996	21.693	-21.693	-.117	.302	.9666	1.0000
7	-7	-1	19.054	19.607	19.607	.051	-.553	-1.6350	1.0000
7	-7	0	22.990	22.783	22.782	.183	.207	.6403	1.0000
7	-7	2	15.569	15.223	-15.221	-.234	.346	.7857	1.0000
7	-7	3	18.485	18.340	18.338	.225	.145	.3300	1.0000
7	-7	4	15.841	14.745	14.745	.100	1.095	2.1162	1.0000
7	-5	-10	16.199	16.940	16.936	.359	-.741	-1.3895	1.0000
7	-5	-9	11.208	9.092	-9.092	-.040	2.115	3.3559	1.0000
7	-5	-8	29.375	29.288	-29.286	-.287	.088	.2480	1.0000
7	-5	-7	27.259	27.781	27.779	.309	-.522	-1.5675	1.0000
7	-5	-6	15.918	15.869	-15.868	-.156	.049	.1251	1.0000
7	-5	-4	23.441	22.252	22.244	.563	1.189	4.0007	1.0000
7	-5	-3	67.053	67.447	-67.444	-.666	-.394	-.7395	1.0000
7	-5	-2	27.049	25.978	-25.973	-.510	1.071	3.8698	1.0000
7	-5	-1	42.423	41.670	41.663	.770	.753	2.8813	1.0000
7	-5	1	21.222	20.797	-20.795	-.258	.425	1.2571	1.0000
7	-5	2	10.101	10.182	10.182	.121	-.081	-.1431	1.0000
7	-5	3	9.773	10.475	-10.473	-.213	-.702	-1.0784	1.0000
7	-3	-10	29.801	29.414	-29.410	-.479	.387	.9670	1.0000
7	-3	-9	18.152	17.842	-17.839	-.333	.310	.6800	1.0000
7	-3	-8	28.074	27.913	27.912	.267	.161	.4681	1.0000
7	-3	-7	21.078	20.452	20.448	.411	.627	1.7719	1.0000
7	-3	-5	28.130	27.344	-27.339	-.518	.786	2.7886	1.0000
7	-3	-4	12.797	13.320	-13.318	-.231	-.524	-1.3450	1.0000
7	-3	-1	6.585	8.638	8.637	-.127	-2.053	-3.1539	1.0000
7	-3	0	27.653	27.821	-27.816	-.528	-.168	-.5852	1.0000
7	-3	1	17.660	18.713	-18.712	.110	-1.053	-2.9341	1.0000
7	-3	2	47.307	47.304	47.296	.866	.003	.0097	1.0000
7	-3	4	40.286	40.324	-40.320	-.603	-.039	-.1123	1.0000
7	-1	-10	6.898	8.433	-8.432	-.134	-1.535	-1.4540	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
7	-1	-9	23.569	22.619	22.614	.462	.950	2.4383	1.0000
7	-1	-8	33.736	33.818	33.817	.237	-.081	-.2522	1.0000
7	-1	-7	50.746	50.442	-50.434	-.880	.304	.9714	1.0000
7	-1	-6	15.256	16.032	16.032	.138	-.776	-2.0183	1.0000
7	-1	-5	40.921	40.014	40.007	.752	.908	3.5427	1.0000
7	-1	-4	20.427	19.222	-19.218	-.422	1.205	4.0544	1.0000
7	-1	-3	19.162	20.905	20.904	-.183	-1.743	-5.7653	1.0000
7	-1	-2	17.819	17.884	-17.884	-.000	-.065	-.2130	1.0000
7	-1	-1	18.352	18.489	-18.487	-.306	-.137	-.4394	1.0000
7	-1	0	46.379	46.614	46.610	.570	-.234	-.9147	1.0000
7	-1	1	29.683	30.635	30.634	.265	-.952	-3.2030	1.0000
7	-1	2	30.211	29.308	-29.303	-.558	.903	2.8878	1.0000
7	-1	4	18.162	17.850	17.849	.241	.312	.6761	1.0000
7	-1	5	14.893	14.518	-14.517	-.151	.374	.6523	1.0000
7	1	-8	5.791	3.153	-3.153	-.052	2.638	2.8434	1.0000
7	1	-7	8.482	7.722	-7.722	-.028	.759	1.2147	1.0000
7	1	-6	9.963	10.172	-10.172	.011	-.209	-.4047	1.0000
7	1	-5	20.079	20.193	20.193	.168	-.114	-.3601	1.0000
7	1	-3	11.910	10.911	-10.910	-.107	.999	2.4682	1.0000
7	1	-2	16.133	16.714	-16.714	.005	-.581	-1.7456	1.0000
7	1	-1	10.332	10.165	-10.163	-.224	.166	.3605	1.0000
7	1	0	36.109	36.403	36.401	.428	-.294	-1.0820	1.0000
7	1	1	34.556	34.728	34.726	.329	-.171	-.6075	1.0000
7	1	2	25.896	26.359	-26.352	-.619	-.464	-1.3917	1.0000
7	1	3	6.867	6.424	-6.423	.069	.444	.5152	1.0000
7	1	4	21.293	21.248	21.245	.394	.045	.1061	1.0000
7	1	5	16.579	15.574	-15.571	-.294	1.005	1.9038	1.0000
7	3	-10	15.410	15.273	15.271	.249	.137	.2554	1.0000
7	3	-9	27.730	27.963	-27.960	-.410	-.232	-.6296	1.0000
7	3	-8	44.140	44.251	-44.249	-.420	-.111	-.3605	1.0000
7	3	-7	62.317	62.465	62.459	.892	-.148	-.3472	1.0000
7	3	-5	56.962	56.535	-56.529	-.824	.427	1.0415	1.0000
7	3	-4	13.560	12.775	12.775	.116	.785	2.0149	1.0000
7	3	-3	26.490	28.269	-28.268	.177	-1.779	-6.4279	1.0000
7	3	-1	26.592	27.742	27.741	.273	-1.149	-4.0052	1.0000
7	3	0	18.280	17.935	-17.927	-.534	.345	.9911	1.0000
7	3	1	27.997	28.973	-28.972	-.167	-.976	-3.1215	1.0000
7	3	2	25.429	26.783	26.772	.750	-1.354	-3.8848	1.0000
7	3	3	16.722	16.926	16.926	.089	-.204	-.4366	1.0000
7	3	4	26.321	26.180	-26.175	-.526	.140	.3514	1.0000
7	5	-9	21.114	20.875	20.870	.460	.239	.5620	1.0000
7	5	-8	11.213	10.204	10.204	.018	1.009	1.7735	1.0000
7	5	-7	16.538	15.944	-15.940	-.371	.594	1.4484	1.0000
7	5	-6	18.613	18.699	-18.697	-.261	-.085	-.2345	1.0000
7	5	-5	9.230	8.869	8.867	.185	.361	.6587	1.0000
7	5	-4	50.018	49.665	49.661	.646	.353	1.1285	1.0000
7	5	-3	24.056	23.542	-23.541	-.286	.513	1.6977	1.0000
7	5	-2	51.371	51.129	-51.123	-.768	.242	.7265	1.0000
7	5	-1	31.533	31.767	31.764	.475	-.234	-.8314	1.0000
7	5	0	29.498	29.389	29.386	.394	.110	.3627	1.0000
7	5	1	13.417	13.642	-13.640	-.200	-.225	-.4821	1.0000
7	5	3	10.485	11.233	-11.228	-.331	-.748	-1.1222	1.0000
7	5	4	16.133	16.750	-16.749	-.167	-.617	-1.1366	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
7	7	-10	15.646	15.642	-15.639	-.303	.004	.0072	1.0000
7	7	-9	18.167	17.653	-17.651	-.209	.515	1.1039	1.0000
7	7	-8	38.385	37.953	37.951	.338	.432	1.2969	1.0000
7	7	-7	12.217	12.845	-12.841	-.290	-.627	-1.1654	1.0000
7	7	-5	21.657	21.932	21.929	.361	-.274	-.8232	1.0000
7	7	-4	16.399	17.149	-17.143	-.418	-.749	-1.9237	1.0000
7	7	-3	23.246	23.159	23.159	-.001	.087	.2735	1.0000
7	7	-2	6.298	6.729	6.722	.305	-.431	-.5420	1.0000
7	7	-1	6.570	6.205	-6.200	-.242	.365	.4691	1.0000
7	7	0	15.087	15.807	15.807	.086	-.720	-1.6719	1.0000
7	7	1	11.966	11.513	11.511	.200	.453	.8585	1.0000
7	9	-9	16.369	15.457	-15.454	-.279	.912	1.7613	1.0000
7	9	-8	8.000	5.579	-5.579	.041	2.421	2.9895	1.0000
7	9	-6	9.875	11.420	11.419	.181	-1.545	-2.4704	1.0000
7	9	-4	45.780	46.164	-46.159	-.626	-.384	-1.3374	1.0000
7	9	-3	13.540	13.186	13.186	.093	.353	.7928	1.0000
7	9	-2	48.880	48.986	48.979	.798	-.106	-.3682	1.0000
7	9	-1	25.660	25.173	-25.171	-.378	.486	1.4380	1.0000
7	9	0	25.086	24.848	-24.845	-.386	.238	.6720	1.0000
7	9	1	12.812	12.549	12.546	.268	.263	.4789	1.0000
7	9	3	11.720	10.953	10.949	.271	.768	1.1706	1.0000
7	11	-8	8.000	8.266	-8.265	-.139	-.266	-.3021	1.0000
7	11	-7	7.431	5.750	-5.750	-.082	1.680	1.8846	1.0000
7	11	-6	32.645	32.518	-32.516	-.294	.127	.3649	1.0000
7	11	-5	6.309	6.926	-6.925	-.095	-.617	-.6478	1.0000
7	11	-4	61.000	61.293	61.289	.710	-.293	-.6884	1.0000
7	11	-3	14.252	14.405	-14.405	.007	-.153	-.3241	1.0000
7	11	-2	52.493	53.051	-53.047	-.672	-.558	-1.8150	1.0000
7	11	0	29.386	29.180	29.177	.410	.206	.5732	1.0000
7	11	1	9.650	9.568	9.567	.187	.082	.1113	1.0000
7	11	2	20.392	21.403	-21.402	-.261	-1.012	-2.1233	1.0000
7	13	-7	25.773	24.867	24.865	.313	.906	2.1814	1.0000
7	13	-6	20.402	20.621	20.618	.315	-.219	-.4972	1.0000
7	13	-5	24.527	24.608	-24.605	-.407	-.081	-.1996	1.0000
7	13	-4	12.935	12.928	12.928	.108	.007	.0121	1.0000
7	13	-2	20.709	20.474	-20.471	-.295	.236	.5476	1.0000
7	13	-1	21.693	21.957	21.953	.407	-.263	-.6268	1.0000
7	13	0	10.326	10.292	10.292	-.003	.035	.0489	1.0000
7	13	1	20.976	20.950	-20.944	-.496	.026	.0561	1.0000
7	15	-5	9.588	8.680	8.678	.154	.909	1.1590	1.0000
7	15	-4	25.383	23.975	-23.973	-.301	1.408	3.3516	1.0000
7	15	-3	7.134	5.479	5.479	-.042	1.655	1.7083	1.0000
7	15	-2	22.851	22.186	22.184	.315	.665	1.4916	1.0000
7	15	-1	8.968	8.456	8.455	.054	.513	.6065	1.0000
8	-14	-5	36.991	37.281	-37.275	-.665	-.290	-.7647	1.0000
8	-14	-3	45.600	45.102	45.097	.673	.498	1.4084	1.0000
8	-14	-2	22.426	22.250	-22.247	-.376	.176	.4047	1.0000
8	-14	-1	20.499	20.002	-19.999	-.313	.497	1.1155	1.0000
8	-12	-7	16.630	17.047	-17.045	-.266	-.417	-.8223	1.0000
8	-12	-6	18.254	17.318	17.316	.252	.937	2.0086	1.0000
8	-12	-5	12.074	12.961	12.958	.274	-.887	-1.5179	1.0000
8	-12	-4	25.163	24.241	-24.240	-.175	.922	2.3992	1.0000
8	-12	-3	14.027	13.465	-13.463	-.272	.561	1.1061	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
8	-12	-2	15.636	14.447	-14.445	-.203	1.189	2.5214	1.0000
8	-12	-1	18.490	17.117	17.113	.382	1.373	3.1517	1.0000
8	-12	0	24.215	24.081	24.078	.417	.133	.3295	1.0000
8	-12	1	31.118	30.944	-30.940	-.543	.173	.4448	1.0000
8	-10	-8	24.773	24.811	24.807	.475	-.038	-.0901	1.0000
8	-10	-7	16.994	17.059	17.058	.234	-.066	-.1361	1.0000
8	-10	-6	29.093	29.969	-29.964	-.539	-.875	-2.4057	1.0000
8	-10	-4	9.168	8.444	8.444	.053	.724	1.1681	1.0000
8	-10	-3	25.316	24.405	-24.403	-.299	.912	2.5779	1.0000
8	-10	-2	22.236	21.682	21.680	.337	.554	1.4808	1.0000
8	-10	-1	7.759	5.158	5.158	-.012	2.601	3.6255	1.0000
8	-10	0	15.323	15.494	-15.492	-.252	-.171	-.3592	1.0000
8	-10	1	10.496	10.739	10.735	.300	-.243	-.3683	1.0000
8	-8	-8	14.416	13.368	13.367	.184	1.048	1.9851	1.0000
8	-8	-7	28.437	28.292	28.291	.259	.145	.3989	1.0000
8	-8	-6	14.242	14.230	-14.228	-.252	.012	.0252	1.0000
8	-8	-5	33.373	33.756	-33.755	-.225	-.383	-1.2059	1.0000
8	-8	-4	12.166	11.504	11.504	-.011	.662	1.4041	1.0000
8	-8	-3	23.866	24.264	24.264	.026	-.398	-1.1769	1.0000
8	-8	-2	34.413	34.189	34.186	.429	.224	.7279	1.0000
8	-8	-1	27.520	27.216	-27.215	-.166	.305	.9144	1.0000
8	-8	0	36.089	36.430	-36.426	-.578	-.342	-1.0579	1.0000
8	-8	1	61.390	60.158	60.156	.557	1.232	3.9399	1.0000
8	-8	2	14.662	15.213	15.209	.361	-.551	-1.0337	1.0000
8	-8	3	29.478	27.936	-27.932	-.487	1.542	3.9075	1.0000
8	-6	-9	37.144	37.242	37.235	.739	-.098	-.2658	1.0000
8	-6	-8	32.322	32.812	-32.809	-.467	-.490	-1.3871	1.0000
8	-6	-7	47.999	47.877	-47.873	-.604	.122	.3895	1.0000
8	-6	-6	31.922	31.952	31.948	.508	-.030	-.0916	1.0000
8	-6	-5	23.461	23.913	23.912	.154	-.452	-1.3349	1.0000
8	-6	-4	22.493	22.526	-22.525	-.129	-.033	-.0989	1.0000
8	-6	-3	12.617	11.989	-11.988	-.113	.628	1.4598	1.0000
8	-6	-2	28.171	27.514	-27.511	-.411	.657	2.1375	1.0000
8	-6	-1	28.325	28.804	28.802	.401	-.480	-1.5348	1.0000
8	-6	0	48.219	47.031	47.026	.638	1.188	3.9978	1.0000
8	-6	1	21.468	21.558	-21.555	-.393	-.091	-.2420	1.0000
8	-6	2	26.618	26.249	-26.245	-.448	.369	.9731	1.0000
8	-4	-10	10.393	10.675	-10.672	-.274	-.282	-.3747	1.0000
8	-4	-9	17.086	16.144	-16.144	-.159	.942	1.9758	1.0000
8	-4	-7	14.472	15.159	15.158	.227	-.687	-1.4730	1.0000
8	-4	-6	13.099	13.046	13.045	.187	.053	.1168	1.0000
8	-4	-5	42.602	42.653	-42.649	-.566	-.050	-.1783	1.0000
8	-4	-4	40.091	40.627	-40.626	-.278	-.536	-1.9363	1.0000
8	-4	-3	49.869	49.578	49.573	.684	.291	.8611	1.0000
8	-4	-2	8.902	8.570	-8.570	-.056	.332	.6051	1.0000
8	-4	-1	20.627	20.460	-20.459	-.249	.167	.5018	1.0000
8	-4	1	33.137	33.368	-33.367	-.254	-.231	-.7149	1.0000
8	-4	2	8.195	7.686	-7.686	-.037	.509	.6620	1.0000
8	-4	0	36.576	36.900	36.898	.358	-.325	-1.0919	1.0000
8	-4	3	16.809	17.920	17.916	.375	-1.111	-2.2576	1.0000
8	-4	4	16.902	17.818	-17.812	-.428	-.916	-1.7187	1.0000
8	-2	-9	17.773	18.056	-18.051	-.450	-.284	-.6147	1.0000
8	-2	-8	15.364	16.331	16.330	.210	-.967	-2.0295	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
8	-12	-2	15.636	14.447	-14.445	-.203	1.189	2.5214	1.0000
8	-12	-1	18.490	17.117	17.113	.382	1.373	3.1517	1.0000
8	-12	0	24.215	24.081	24.078	.417	.133	.3295	1.0000
8	-12	1	31.118	30.944	-30.940	-.543	.173	.4448	1.0000
8	-10	-8	24.773	24.811	24.807	.475	-.038	-.0901	1.0000
8	-10	-7	16.994	17.059	17.058	.234	-.066	-.1361	1.0000
8	-10	-6	29.093	29.969	-29.964	-.539	-.875	-2.4057	1.0000
8	-10	-4	9.168	8.444	8.444	.053	.724	1.1681	1.0000
8	-10	-3	25.316	24.405	-24.403	-.299	.912	2.5779	1.0000
8	-10	-2	22.236	21.682	21.680	.337	.554	1.4808	1.0000
8	-10	-1	7.759	5.158	5.158	-.012	2.601	3.6255	1.0000
8	-10	0	15.323	15.494	-15.492	-.252	-.171	-.3592	1.0000
8	-10	1	10.496	10.739	10.735	.300	-.243	-.3683	1.0000
8	-8	-8	14.416	13.368	13.367	.184	1.048	1.9851	1.0000
8	-8	-7	28.437	28.292	28.291	.259	.145	.3989	1.0000
8	-8	-6	14.242	14.230	-14.228	-.252	.012	.0252	1.0000
8	-8	-5	33.373	33.756	-33.755	-.225	-.383	-1.2059	1.0000
8	-8	-4	12.166	11.504	11.504	-.011	.662	1.4041	1.0000
8	-8	-3	23.866	24.264	24.264	.026	-.398	-1.1769	1.0000
8	-8	-2	34.413	34.189	34.186	.429	.224	.7279	1.0000
8	-8	-1	27.520	27.216	-27.215	-.166	.305	.9144	1.0000
8	-8	0	36.089	36.430	-36.426	-.578	-.342	-1.0579	1.0000
8	-8	1	61.390	60.158	60.156	.557	1.232	3.9399	1.0000
8	-8	2	14.662	15.213	15.209	.361	-.551	-1.0337	1.0000
8	-8	3	29.478	27.936	-27.932	-.487	1.542	3.9075	1.0000
8	-6	-9	37.144	37.242	37.235	.739	-.098	-.2658	1.0000
8	-6	-8	32.322	32.812	-32.809	-.467	-.490	-1.3871	1.0000
8	-6	-7	47.999	47.877	-47.873	-.604	.122	.3895	1.0000
8	-6	-6	31.922	31.952	31.948	.508	-.030	-.0916	1.0000
8	-6	-5	23.461	23.913	23.912	.154	-.452	-1.3349	1.0000
8	-6	-4	22.493	22.526	-22.525	-.129	-.033	-.0989	1.0000
8	-6	-3	12.617	11.989	-11.988	-.113	.628	1.4598	1.0000
8	-6	-2	28.171	27.514	-27.511	-.411	.657	2.1375	1.0000
8	-6	-1	28.325	28.804	28.802	.401	-.480	-1.5348	1.0000
8	-6	0	48.219	47.031	47.026	.638	1.188	3.9978	1.0000
8	-6	1	21.468	21.558	-21.555	-.393	-.091	-.2420	1.0000
8	-6	2	26.618	26.249	-26.245	-.448	.369	.9731	1.0000
8	-4	-10	10.393	10.675	-10.672	-.274	-.282	-.3747	1.0000
8	-4	-9	17.086	16.144	-16.144	-.159	.942	1.9758	1.0000
8	-4	-7	14.472	15.159	15.158	.227	-.687	-1.4730	1.0000
8	-4	-6	13.099	13.046	13.045	.187	.053	.1168	1.0000
8	-4	-5	42.602	42.653	-42.649	-.566	-.050	-.1783	1.0000
8	-4	-4	40.091	40.627	-40.626	-.278	-.536	-1.9363	1.0000
8	-4	-3	49.869	49.578	49.573	.684	.291	.8611	1.0000
8	-4	-2	8.902	8.570	-8.570	-.056	.332	.6051	1.0000
8	-4	-1	20.627	20.460	-20.459	-.249	.167	.5018	1.0000
8	-4	1	33.137	33.368	-33.367	-.254	-.231	-.7149	1.0000
8	-4	2	8.195	7.686	-7.686	-.037	.509	.6620	1.0000
8	-4	0	36.576	36.900	36.898	.358	-.325	-1.0919	1.0000
8	-4	3	16.809	17.920	17.916	.375	-1.111	-2.2576	1.0000
8	-4	4	16.902	17.818	-17.812	-.428	-.916	-1.7187	1.0000
8	-2	-9	17.773	18.056	-18.051	-.450	-.284	-.6147	1.0000
8	-2	-8	15.364	16.331	16.330	.210	-.967	-2.0295	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
8	-2	-7	29.611	29.487	29.485	.341	.124	.3837	1.0000
8	-2	-6	17.301	17.213	-17.208	-.412	.088	.2296	1.0000
8	-2	-5	19.869	19.886	-19.886	-.031	-.017	-.0506	1.0000
8	-2	-3	6.590	6.252	6.251	-.108	.338	.4964	1.0000
8	-2	-2	39.779	39.758	39.756	.387	.021	.0758	1.0000
8	-2	0	27.587	26.912	-26.910	-.335	.675	2.1580	1.0000
8	-2	1	18.623	18.098	18.097	.085	.526	1.3868	1.0000
8	-2	2	13.043	11.566	11.564	.220	1.476	2.8521	1.0000
8	-2	3	10.803	11.066	-11.066	.001	-.263	-.3913	1.0000
8	-2	4	16.041	16.220	-16.216	-.327	-.179	-.3294	1.0000
8	0	-10	17.860	17.895	17.892	.293	-.035	-.0702	1.0000
8	0	-9	11.387	10.997	10.995	.184	.390	.6193	1.0000
8	0	-7	9.891	10.150	-10.146	-.267	-.259	-.4391	1.0000
8	0	-6	20.940	19.932	-19.927	-.458	1.008	2.8926	1.0000
8	0	-5	32.081	32.150	32.144	.615	-.069	-.2393	1.0000
8	0	-4	41.931	42.091	42.088	.488	-.160	-.5996	1.0000
8	0	-3	59.724	58.184	-58.177	-.889	1.540	3.5353	1.0000
8	0	-2	6.826	6.507	6.507	-.085	.319	.4748	1.0000
8	0	-1	57.695	57.897	57.894	.626	-.203	-.5200	1.0000
8	0	0	10.321	10.398	-10.398	-.012	-.077	-.1444	1.0000
8	0	1	19.592	20.137	20.136	.139	-.545	-1.4169	1.0000
8	0	2	23.630	23.558	-23.555	-.334	.073	.1914	1.0000
8	0	3	27.961	27.738	-27.731	-.588	.223	.5731	1.0000
8	0	4	38.856	37.866	37.861	.626	.990	2.6826	1.0000
8	2	-10	15.559	16.614	-16.608	-.436	-1.055	-1.9062	1.0000
8	2	-8	15.748	14.510	-14.510	-.068	1.238	2.7768	1.0000
8	2	-7	8.799	9.754	9.752	.222	-.955	-1.4790	1.0000
8	2	-6	26.208	25.806	25.802	.438	.402	1.2869	1.0000
8	2	-5	37.191	36.634	-36.630	-.504	.557	1.9750	1.0000
8	2	-4	49.710	50.015	-50.013	-.436	-.305	-.8880	1.0000
8	2	-3	44.140	43.943	43.940	.471	.197	.7398	1.0000
8	2	-2	34.521	34.247	34.245	.354	.274	.9717	1.0000
8	2	-1	23.087	23.960	-23.960	-.108	-.873	-2.6622	1.0000
8	2	0	26.900	26.842	-26.840	-.310	.058	.1832	1.0000
8	2	2	16.912	16.416	16.415	.247	.495	1.0985	1.0000
8	2	3	13.709	13.182	-13.182	-.109	.527	.9341	1.0000
8	4	-10	8.979	8.261	-8.259	-.176	.718	.8703	1.0000
8	4	-9	22.462	21.572	21.569	.346	.890	2.1714	1.0000
8	4	-7	30.149	29.832	-29.830	-.340	.317	.9678	1.0000
8	4	-6	16.312	15.600	15.595	.411	.712	1.7808	1.0000
8	4	-5	6.831	6.532	6.531	-.114	.299	.4025	1.0000
8	4	-4	28.043	27.599	-27.596	-.381	.444	1.4692	1.0000
8	4	-3	31.420	31.300	31.295	.552	.120	.4104	1.0000
8	4	-2	15.969	16.090	-16.090	-.071	-.121	-.3158	1.0000
8	4	-1	34.915	34.776	-34.774	-.331	.139	.4764	1.0000
8	4	0	45.488	45.873	45.871	.424	-.386	-1.3202	1.0000
8	4	1	19.771	19.868	-19.866	-.228	-.096	-.2441	1.0000
8	4	2	19.920	19.887	-19.886	-.220	.033	.0782	1.0000
8	4	3	10.941	12.350	12.343	.418	-1.408	-2.0207	1.0000
8	6	-5	14.519	14.147	14.143	.348	.371	.8522	1.0000
8	6	-4	16.686	16.862	16.857	.405	-.176	-.4460	1.0000
8	6	-3	10.542	8.821	-8.817	-.267	1.721	3.2596	1.0000
8	6	-2	14.252	14.950	-14.944	-.417	-.697	-1.5466	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
8	6	0	35.043	35.586	35.581	.574	-.542	-1.6800	1.0000
8	6	2	36.581	36.321	-36.317	-.585	.259	.7228	1.0000
8	8	-9	33.055	33.012	-33.003	-.735	.043	.1126	1.0000
8	8	-8	8.189	8.616	-8.614	-.158	-.426	-.4979	1.0000
8	8	-7	42.218	43.025	43.018	.796	-.807	-2.4224	1.0000
8	8	-6	6.908	6.839	6.838	-.091	.069	.0797	1.0000
8	8	-5	21.591	22.058	-22.056	-.270	-.467	-1.2313	1.0000
8	8	-3	16.671	16.514	-16.511	-.328	.157	.3772	1.0000
8	8	-2	45.411	45.992	45.989	.508	-.581	-1.9216	1.0000
8	8	-1	34.454	34.369	34.367	.409	.085	.2579	1.0000
8	8	0	69.477	68.890	-68.885	-.828	.587	1.2445	1.0000
8	8	2	38.011	37.707	37.703	.544	.303	.8220	1.0000
8	10	-8	7.738	3.785	3.783	.121	3.953	4.3830	1.0000
8	10	-7	15.748	14.894	-14.892	-.236	.854	1.6837	1.0000
8	10	-6	18.362	17.326	-17.326	-.066	1.036	2.3777	1.0000
8	10	-4	12.848	12.022	12.021	.156	.826	1.5348	1.0000
8	10	-2	15.405	14.593	-14.592	-.098	.813	1.6867	1.0000
8	12	-7	28.325	27.817	-27.811	-.567	.508	1.2542	1.0000
8	12	-6	12.633	13.788	13.786	.189	-1.155	-1.8323	1.0000
8	12	-5	14.278	14.484	14.482	.204	-.206	-.3794	1.0000
8	12	-4	18.664	19.026	-19.026	-.172	-.362	-.7846	1.0000
8	12	-3	17.399	17.848	17.845	.304	-.449	-.9320	1.0000
8	12	-2	6.995	5.066	-5.057	-.288	1.930	2.0464	1.0000
8	12	-1	36.837	37.075	-37.072	-.419	-.238	-.6530	1.0000
8	12	0	28.760	29.304	29.297	.615	-.544	-1.3426	1.0000
8	14	-4	26.183	26.360	-26.354	-.544	-.178	-.4225	1.0000
8	14	-2	22.539	22.068	22.064	.413	.471	1.0679	1.0000
9	-13	-4	25.465	24.397	-24.395	-.356	1.068	2.5726	1.0000
9	-13	-3	7.375	7.198	-7.197	.044	.177	.1930	1.0000
9	-13	-2	18.449	17.593	17.590	.372	.856	1.8150	1.0000
9	-11	-4	9.081	9.291	9.289	.153	-.210	-.2922	1.0000
9	-11	-3	18.864	18.644	-18.642	-.303	.220	.4991	1.0000
9	-11	-2	8.466	9.649	-9.648	-.113	-1.182	-1.5080	1.0000
9	-11	-1	22.795	22.147	22.143	.405	.648	1.5423	1.0000
9	-9	-7	34.485	33.970	33.966	.555	.514	1.4137	1.0000
9	-9	-6	12.474	11.883	-11.881	-.197	.591	1.0481	1.0000
9	-9	-5	40.091	39.713	-39.705	-.805	.378	1.1352	1.0000
9	-9	-4	28.422	28.526	28.523	.462	-.104	-.2954	1.0000
9	-9	-3	27.884	27.179	27.174	.529	.704	1.9638	1.0000
9	-9	0	14.898	14.881	-14.879	-.248	.017	.0336	1.0000
9	-7	-7	26.306	25.753	-25.749	-.428	.553	1.4197	1.0000
9	-7	-5	25.055	25.111	25.108	.367	-.056	-.1526	1.0000
9	-7	-3	6.319	6.411	-6.410	-.115	-.092	-.1073	1.0000
9	-7	-2	12.868	12.857	12.857	.005	.011	.0224	1.0000
9	-7	-1	14.831	15.332	15.331	.162	-.500	-1.0279	1.0000
9	-7	1	18.818	18.720	-18.719	-.244	.098	.2144	1.0000
9	-7	2	9.399	9.559	9.559	.065	-.160	-.2057	1.0000
9	-5	-8	19.556	19.823	19.821	.286	-.266	-.5976	1.0000
9	-5	-7	49.259	48.484	-48.482	-.476	.775	2.4391	1.0000
9	-5	-6	16.943	16.193	-16.193	-.146	.749	1.8051	1.0000
9	-5	-5	48.255	48.565	48.560	.690	-.310	-1.0243	1.0000
9	-5	-4	15.651	15.238	-15.236	-.237	.413	.9958	1.0000
9	-5	-3	12.843	12.878	-12.876	-.267	-.036	-.0764	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
9	-5	-2	8.476	8.368	8.360	.368	.108	.1634	1.0000
9	-5	-1	12.146	12.399	-12.397	-.187	-.253	-.4889	1.0000
9	-5	1	11.157	11.514	11.512	.203	-.358	-.5814	1.0000
9	-5	2	26.551	26.558	-26.551	-.617	-.007	-.0167	1.0000
9	-3	-9	10.613	10.016	-10.013	-.258	.597	.8764	1.0000
9	-3	-7	25.978	25.507	25.502	.510	.471	1.3118	1.0000
9	-3	-6	7.826	7.180	-7.180	-.035	.645	.9126	1.0000
9	-3	-5	22.867	22.892	-22.886	-.527	-.025	-.0729	1.0000
9	-3	-3	21.170	20.861	20.855	.514	.309	.8872	1.0000
9	-3	-2	19.997	19.567	19.562	.448	.430	1.1985	1.0000
9	-3	-1	20.192	20.139	-20.132	-.498	.053	.1417	1.0000
9	-3	0	31.456	31.539	-31.534	-.530	-.083	-.2451	1.0000
9	-3	1	8.646	8.928	8.920	.361	-.282	-.3769	1.0000
9	-3	2	10.347	10.456	10.454	.199	-.109	-.1569	1.0000
9	-3	3	7.472	8.144	-8.144	-.061	-.672	-.6977	1.0000
9	-1	-10	20.714	21.029	21.025	.382	-.314	-.6669	1.0000
9	-1	-9	28.781	28.694	28.688	.549	.087	.2270	1.0000
9	-1	-8	38.559	37.568	-37.564	-.543	.991	2.9296	1.0000
9	-1	-7	8.891	8.862	8.860	-.158	.030	.0445	1.0000
9	-1	-6	23.943	23.996	23.996	.185	-.053	-.1528	1.0000
9	-1	-5	13.847	13.929	-13.928	-.135	-.082	-.1851	1.0000
9	-1	-4	33.034	32.869	32.865	.490	.166	.5483	1.0000
9	-1	-2	18.465	18.414	-18.402	-.674	.051	.1354	1.0000
9	-1	-1	27.571	27.727	27.724	.423	-.156	-.4684	1.0000
9	-1	0	7.656	8.606	8.601	.292	-.950	-1.2357	1.0000
9	-1	1	27.858	28.521	-28.516	-.502	-.662	-1.7950	1.0000
9	-1	3	14.969	14.234	14.234	.099	.735	1.2810	1.0000
9	1	-10	11.556	10.684	-10.683	-.078	.873	1.2803	1.0000
9	1	-8	14.155	14.544	14.543	.077	-.389	-.7441	1.0000
9	1	-7	14.939	14.444	-14.444	-.034	.495	1.0492	1.0000
9	1	-6	10.306	9.714	-9.714	-.002	.592	1.0411	1.0000
9	1	-5	9.081	9.806	9.806	-.021	-.725	-1.1988	1.0000
9	1	-4	15.631	15.008	15.007	.150	.623	1.5389	1.0000
9	1	-2	14.129	14.329	-14.326	-.324	-.200	-.4600	1.0000
9	1	-1	19.279	19.320	19.319	.187	-.040	-.1043	1.0000
9	1	1	27.166	26.396	-26.393	-.423	.770	2.0877	1.0000
9	1	3	15.487	15.653	15.653	.126	-.166	-.2870	1.0000
9	3	-9	40.952	40.388	-40.383	-.616	.564	1.5949	1.0000
9	3	-8	37.636	37.101	37.098	.477	.536	1.5600	1.0000
9	3	-7	8.533	7.579	7.575	.246	.954	1.3394	1.0000
9	3	-6	27.561	27.671	-27.671	-.175	-.110	-.3264	1.0000
9	3	-4	30.144	30.271	-30.268	-.470	-.127	-.4071	1.0000
9	3	-3	12.294	11.574	11.574	.096	.720	1.4640	1.0000
9	3	-2	34.854	34.817	34.807	.842	.036	.1165	1.0000
9	3	-1	25.111	25.145	-25.142	-.394	-.034	-.0952	1.0000
9	3	0	38.441	38.856	-38.850	-.692	-.415	-1.2664	1.0000
9	3	2	15.897	16.750	16.747	.307	-.853	-1.5551	1.0000
9	5	-9	28.745	28.671	28.668	.443	.074	.1872	1.0000
9	5	-7	27.269	27.161	-27.157	-.451	.108	.2975	1.0000
9	5	-6	14.790	15.068	-15.065	-.304	-.278	-.5961	1.0000
9	5	-5	38.964	38.649	38.645	.549	.315	1.0082	1.0000
9	5	-4	12.463	12.664	12.662	.235	-.201	-.4002	1.0000
9	5	-3	22.354	22.814	-22.811	-.406	-.460	-1.2648	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
9	5	-1	8.635	9.162	-9.161	-.086	-.526	-.7390	1.0000
9	5	1	20.386	21.044	21.040	.407	-.657	-1.4742	1.0000
9	5	2	11.644	12.106	-12.096	-.474	-.462	-.6937	1.0000
9	7	-9	15.472	15.680	15.679	.169	-.208	-.3696	1.0000
9	7	-8	22.113	22.774	-22.770	-.431	-.660	-1.5155	1.0000
9	7	-7	10.224	10.257	10.255	.205	-.033	-.0486	1.0000
9	7	-6	25.168	25.412	25.409	.396	-.244	-.6524	1.0000
9	7	-5	16.845	17.085	-17.079	-.474	-.240	-.5384	1.0000
9	7	-4	15.979	16.462	16.462	.017	-.483	-1.0592	1.0000
9	7	-2	15.333	15.659	-15.656	-.276	-.326	-.6617	1.0000
9	7	-1	24.461	24.567	24.566	.097	-.106	-.2723	1.0000
9	7	0	13.555	12.983	12.982	.140	.572	1.0249	1.0000
9	7	1	15.989	16.073	-16.071	-.212	-.083	-.1562	1.0000
9	9	-8	8.476	8.897	-8.896	-.182	-.421	-.4721	1.0000
9	9	-7	19.172	18.152	18.150	.278	1.020	2.2114	1.0000
9	9	-6	19.833	18.635	18.631	.367	1.198	2.7178	1.0000
9	9	-5	34.710	35.137	-35.134	-.504	-.427	-1.2076	1.0000
9	9	-4	18.470	17.671	-17.669	-.242	.799	1.7919	1.0000
9	9	-3	20.427	20.155	20.151	.406	.272	.6479	1.0000
9	9	-1	9.629	9.064	9.064	.093	.565	.7555	1.0000
9	9	0	8.569	8.358	-8.358	-.067	.211	.2570	1.0000
9	11	-7	17.383	18.116	-18.113	-.336	-.733	-1.4021	1.0000
9	11	-6	45.344	45.956	-45.951	-.621	-.612	-1.7296	1.0000
9	11	-5	26.910	26.800	26.796	.504	.110	.2751	1.0000
9	11	-4	17.988	17.482	17.478	.371	.506	1.0729	1.0000
9	11	-3	12.674	12.170	-12.166	-.299	.504	.8398	1.0000
9	11	-2	15.487	15.301	-15.299	-.217	.186	.3493	1.0000
9	11	-1	8.056	7.019	-7.019	-.069	1.037	1.1632	1.0000
9	13	-5	15.559	15.653	15.652	.218	-.095	-.1663	1.0000
9	13	-3	17.599	17.390	-17.386	-.361	.209	.4036	1.0000
10	-10	-6	13.642	13.583	13.580	.293	.059	.1038	1.0000
10	-10	-4	15.128	14.549	-14.547	-.231	.580	1.1312	1.0000
10	-10	-3	24.425	23.144	23.140	.464	1.280	3.0842	1.0000
10	-10	-1	18.137	17.227	-17.223	-.358	.910	1.8495	1.0000
10	-8	-7	14.826	16.251	16.250	.118	-1.425	-2.5985	1.0000
10	-8	-5	11.090	10.779	-10.777	-.175	.311	.5023	1.0000
10	-8	-4	10.465	10.749	-10.748	-.149	-.284	-.4502	1.0000
10	-8	-3	39.076	37.013	37.010	.481	2.063	6.0087	1.0000
10	-8	-2	7.820	6.528	6.528	.037	1.293	1.5476	1.0000
10	-8	-1	36.586	36.657	-36.652	-.571	-.071	-.1944	1.0000
10	-8	0	12.520	11.859	11.859	.090	.661	1.1022	1.0000
10	-6	-8	14.524	14.116	-14.111	-.343	.408	.7303	1.0000
10	-6	-7	10.547	9.843	-9.843	-.007	.703	1.0724	1.0000
10	-6	-6	10.137	9.642	-9.641	-.147	.495	.7607	1.0000
10	-6	-5	26.869	26.638	26.633	.483	.232	.6277	1.0000
10	-6	-4	30.564	30.458	30.455	.391	.106	.2967	1.0000
10	-6	-3	49.997	49.969	-49.963	-.777	.028	.0865	1.0000
10	-6	-2	22.339	22.304	-22.302	-.240	.035	.0870	1.0000
10	-6	-1	35.694	35.582	35.578	.549	.112	.3160	1.0000
10	-6	1	13.965	13.337	-13.335	-.221	.628	1.0749	1.0000
10	-4	-9	22.898	22.462	-22.460	-.295	.436	.9667	1.0000
10	-4	-7	32.629	32.121	32.118	.463	.508	1.4169	1.0000
10	-4	-6	16.548	16.387	-16.386	-.193	.161	.3602	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
10	-4	-5	36.294	35.920	-35.918	-.291	.374	1.1233	1.0000
10	-4	-4	27.428	26.337	26.335	.291	1.091	3.1313	1.0000
10	-4	-2	16.302	16.976	-16.976	-.019	-.675	-1.4624	1.0000
10	-4	0	30.626	30.287	-30.283	-.492	.338	.9045	1.0000
10	-4	1	11.756	11.787	11.787	.103	-.031	-.0462	1.0000
10	-2	-9	13.668	13.891	13.890	.200	-.223	-.3787	1.0000
10	-2	-7	12.310	11.897	-11.893	-.292	.413	.7387	1.0000
10	-2	-6	20.238	20.434	20.432	.284	-.196	-.4715	1.0000
10	-2	-5	10.034	9.905	9.905	.008	.129	.2069	1.0000
10	-2	-4	21.852	22.394	-22.391	-.342	-.542	-1.4482	1.0000
10	-2	-3	21.698	20.894	20.891	.317	.805	2.1220	1.0000
10	-2	-2	7.062	6.524	6.523	.092	.538	.6364	1.0000
10	-2	-1	29.495	29.888	-29.885	-.366	.108	.3004	1.0000
10	-2	1	14.027	13.745	13.745	.129	.281	.4945	1.0000
10	0	-9	18.992	19.764	19.759	.441	-.772	-1.5856	1.0000
10	0	-7	36.673	36.049	-36.042	-.709	.624	1.8457	1.0000
10	0	-6	10.952	11.606	11.604	.175	-.654	-1.0909	1.0000
10	0	-5	49.798	49.102	49.099	.607	.695	2.2606	1.0000
10	0	-4	9.886	9.387	-9.386	-.189	.498	.8310	1.0000
10	0	-3	17.957	17.538	-17.537	-.127	.420	1.0108	1.0000
10	0	-2	15.005	15.107	-15.105	-.266	-.102	-.2190	1.0000
10	0	-1	8.558	7.805	-7.801	-.239	.753	1.0207	1.0000
10	0	0	57.746	57.115	57.110	.734	.631	1.9248	1.0000
10	2	-9	38.113	37.619	-37.615	-.539	.494	1.3392	1.0000
10	2	-7	47.291	46.335	46.330	.723	.956	2.8154	1.0000
10	2	-5	52.442	52.795	-52.792	-.476	-.353	-1.1469	1.0000
10	2	-3	26.019	25.594	25.594	.155	.424	1.1824	1.0000
10	2	-2	7.498	7.029	7.027	.181	.468	.5709	1.0000
10	2	-1	19.162	18.920	-18.919	-.123	.242	.5422	1.0000
10	2	0	18.793	18.880	-18.877	-.298	-.087	-.1890	1.0000
10	2	1	11.449	11.380	11.379	.092	.069	.1021	1.0000
10	4	-8	7.047	6.692	-6.690	-.171	.355	.3703	1.0000
10	4	-7	11.767	11.872	11.869	.279	-.106	-.1730	1.0000
10	4	-6	14.349	14.676	-14.674	-.219	-.327	-.6372	1.0000
10	4	-5	19.823	20.032	-20.031	-.207	-.209	-.4916	1.0000
10	4	-4	31.676	30.841	30.837	.477	.835	2.4324	1.0000
10	4	-3	7.057	7.223	-7.220	-.228	-.166	-.1909	1.0000
10	4	-2	23.605	23.333	-23.332	-.220	.272	.6985	1.0000
10	4	-1	21.370	21.557	21.553	.407	-.186	-.4486	1.0000
10	4	0	24.686	24.160	-24.158	-.331	.526	1.2825	1.0000
10	6	-7	21.867	22.742	-22.735	-.560	-.875	-2.0080	1.0000
10	6	-5	25.229	25.658	25.655	.389	-.429	-1.0863	1.0000
10	6	-4	14.867	14.623	14.622	.174	.244	.4865	1.0000
10	6	-3	7.293	7.646	-7.644	-.191	-.353	-.3852	1.0000
10	6	-2	20.335	20.114	-20.110	-.360	.221	.5025	1.0000
10	6	0	24.614	24.438	24.436	.333	.176	.4138	1.0000
10	8	-6	16.076	17.170	17.167	.354	-1.094	-2.0724	1.0000
10	8	-4	39.943	40.334	-40.327	-.792	-.392	-1.1241	1.0000
10	8	-3	17.891	17.643	17.639	.353	.248	.5140	1.0000
10	8	-2	39.794	39.548	39.542	.669	.246	.6862	1.0000
10	8	-1	31.220	31.111	-31.108	-.471	.109	.2762	1.0000
10	10	-5	7.872	7.208	-7.208	.037	.664	.7040	1.0000
11	-7	-6	17.142	16.447	16.444	.280	.696	1.3855	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
11	-7	-4	6.611	5.943	-5.943	-.076	.668	.6821	1.0000
11	-7	-3	13.335	12.851	-12.850	-.182	.484	.8426	1.0000
11	-5	-6	19.741	19.303	19.299	.400	.438	.9488	1.0000
11	-5	-5	25.424	26.002	-26.001	-.211	-.578	-1.4452	1.0000
11	-5	-3	8.984	7.825	7.824	.119	1.159	1.5488	1.0000
11	-5	-2	20.361	20.481	-20.475	-.509	-.120	-.2701	1.0000
11	-3	-8	17.137	16.478	16.475	.334	.659	1.2735	1.0000
11	-3	-7	15.487	15.450	15.444	.432	.037	.0703	1.0000
11	-3	-5	14.990	15.253	-15.247	-.418	-.263	-.5078	1.0000
11	-3	-4	14.688	14.368	-14.367	-.148	.320	.6235	1.0000
11	-3	-3	11.997	13.288	13.282	.399	-1.291	-2.1355	1.0000
11	-3	-2	14.006	13.876	13.876	.150	.130	.2322	1.0000
11	-3	-1	10.162	10.001	-9.997	-.269	.162	.2254	1.0000
11	-1	-8	9.814	10.346	10.345	.134	-.532	-.7015	1.0000
11	-1	-7	15.262	14.682	-14.680	-.238	.580	1.0983	1.0000
11	-1	-6	18.459	19.516	-19.512	-.391	-1.056	-2.2905	1.0000
11	-1	-5	48.685	47.789	47.784	.664	.896	2.6911	1.0000
11	-1	-3	35.100	34.241	-34.234	-.730	.858	2.4272	1.0000
11	-1	-2	7.359	8.923	8.922	.175	-1.564	-1.7146	1.0000
11	-1	-1	14.431	14.149	14.146	.270	.282	.5152	1.0000
11	1	-7	7.677	7.680	-7.680	-.012	-.003	-.0036	1.0000
11	1	-5	10.962	10.845	10.844	.083	.117	.1802	1.0000
11	1	-3	19.372	19.025	-19.024	-.249	.346	.7856	1.0000
11	1	-1	11.485	10.176	10.175	.155	1.309	1.9949	1.0000
11	3	-8	17.178	17.512	-17.511	-.199	-.334	-.6330	1.0000
11	3	-7	12.212	11.605	11.604	.185	.607	.9711	1.0000
11	3	-6	35.873	35.589	35.585	.525	.284	.7812	1.0000
11	3	-5	44.873	44.633	-44.629	-.628	.239	.7079	1.0000
11	3	-4	26.511	26.813	-26.810	-.374	-.302	-.7661	1.0000
11	3	-3	26.967	27.952	27.944	.674	-.986	-2.5309	1.0000
11	3	-2	11.705	10.077	10.076	.065	1.629	2.5627	1.0000
11	5	-7	25.281	25.175	-25.172	-.445	.105	.2501	1.0000
11	5	-5	15.754	17.006	17.004	.270	-1.252	-2.3725	1.0000
11	5	-4	7.713	6.515	6.512	.178	1.198	1.3591	1.0000
11	5	-2	18.024	17.770	-17.763	-.501	.254	.5101	1.0000
11	7	-7	11.105	11.826	11.822	.332	-.721	-1.0195	1.0000
11	7	-6	25.644	25.431	-25.429	-.314	.214	.5026	1.0000
11	7	-5	21.826	21.854	21.854	.140	-.028	-.0620	1.0000
11	7	-4	13.781	13.092	13.092	.127	.688	1.1676	1.0000
11	7	-3	17.803	17.577	-17.574	-.329	.226	.4553	1.0000
11	7	-2	6.888	5.180	5.177	.183	1.707	1.6659	1.0000
12	-4	-5	12.699	11.959	-11.959	-.103	.740	1.2037	1.0000
12	-4	-4	16.358	15.201	-15.199	-.248	1.157	2.2357	1.0000
12	-2	-5	18.916	18.151	-18.147	-.407	.765	1.5870	1.0000
12	-2	-4	18.039	17.494	17.493	.218	.545	1.1076	1.0000
12	-2	-3	12.996	12.318	12.317	.155	.678	1.1213	1.0000
12	0	-4	30.846	29.958	29.955	.417	.888	2.2801	1.0000
12	0	-3	11.105	10.653	-10.649	-.290	.453	.6642	1.0000
12	2	-5	12.187	12.222	-12.221	-.123	-.035	-.0536	1.0000
12	2	-4	18.603	17.940	-17.937	-.323	.663	1.3480	1.0000
12	2	-3	12.376	11.774	11.771	.254	.602	.9327	1.0000
12	4	-5	22.344	22.676	22.673	.375	-.332	-.7288	1.0000
12	4	-4	9.153	10.582	-10.578	-.274	-1.429	-1.7212	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
12	4	-4	9.153	10.582	-10.578	-.274	-1.429	-1.7212	1.0000

TIBURON HI ALBITE AT 25 DEGREES CENTIGRADE. FO-FC TABLE

RESULTS OF STRUCTURE FACTOR CALCULATIONS

ALL REFLECTIONS	NUMERATOR	DENOMINATOR	NUMBER	R
WEIGHTED R	13310.84	14564893.74	2015	.030
UNWEIGHTED R	1323.18	54476.64	2015	.024
RANGES OF F(OBS)				
	6235.11	2020765.11	1197	.056
	5109.80	7323592.26	552	.026
	1330.64	3443751.73	170	.020
	331.31	817647.98	53	.020
	119.77	410749.91	24	.017
	50.31	264402.27	14	.014
	18.36	16896.00	1	.033
	115.54	267088.48	4	.021
RANGES OF (SIN(THETA)/LAMBDA)**2				
	6774.60	1646176.66	107	.064
	990.51	2556119.74	185	.020
	2391.99	2405022.12	226	.032
	761.59	2542006.53	260	.017
	521.50	1919860.12	289	.016
	548.27	1588734.30	298	.019
	674.77	1171168.02	326	.024
	647.61	735806.26	324	.030

UNREJECTED REFLECTIONS				
WEIGHTED R	13310.84	14564893.74	2015	.030
UNWEIGHTED R	1323.18	54476.64	2015	.024
RANGES OF F(OBS)				
	6235.11	2020765.11	1197	.056
	5109.80	7323592.26	552	.026
	1330.64	3443751.73	170	.020
	331.31	817647.98	53	.020
	119.77	410749.91	24	.017
	50.31	264402.27	14	.014
	18.36	16896.00	1	.033
	115.54	267088.48	4	.021
RANGES OF (SIN(THETA)/LAMBDA)**2				
	6774.60	1646176.66	107	.064
	990.51	2556119.74	185	.020
	2391.99	2405022.12	226	.032
	761.59	2542006.53	260	.017
	521.50	1919860.12	289	.016
	548.27	1588734.30	298	.019
	674.77	1171168.02	326	.024
	647.61	735806.26	324	.030

SUM FCAL 54299.71

STANDARD DEV OF UNIT WEIGHT OBS 2.58

LABELS AND CYCLES AT OUTPUT

A1080-1 R

23.40.52. 03/14/78 XLLOGU6 7SW42300 40 PM

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***********          XLLOGU6  //// END OF LIST ////
***********          XLLOGU6  //// END OF LIST ////
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A HIGH TEMPERATURE STRUCTURAL STUDY OF HIGH ALBITE,

MONALBITE, AND THE ANALBITE → MONALBITE PHASE TRANSITION

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Fujio P. Okamura[1]

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Table 3. High albite and monalbite: comparison of observed and calculated structure factors.

2/7 High Albite: 500°C

FWA OF THE LOAD 111
LWA+1 OF THE LOAD 74743

TRANSFER ADDRESS -- REFINE 112

********* ERROR SUMMARY

NE4105/// CM BLANK COMMON TRUNCATED BY 20700B WORDS

PROGRAM AND BLOCK ASSIGNMENTS.

BLOCK	ADDRESS	LENGTH	FILE	DATE	PROCSSR	VER	LEVEL	HARDWARE	COMMENTS
REFINE	111	10575	RFINE	05/14/76	RUN	F EB	74 B	646X I	
/A/	10706	1355							
/C/	12263	457							
/D/	12742	3244							
/E/	16206	10							
/F/	16216	174							
/G/	16412	2307							
/LS/	20721	334							
/TAPE/	21255	6							
/DEGEN/	21263	311							
RFINE	21574	5726	RFINE	05/14/76	RUN	F EB	74 B	646X I	
BODAN1	27522	1147	RFINE	05/14/76	RUN	F EB	74 B	646X I	
ELVIB1	30671	1312	RFINE	05/14/76	RUN	F EB	74 B	646X I	
INPUT	32203	241	RFINE	05/14/76	RUN	F EB	74 B	646X I	
MATRIX	32444	231	RFINE	05/14/76	RUN	F EB	74 B	646X I	
MODIFY	32675	115	RFINE	05/14/76	RUN	F EB	74 B	646X I	
RCALC	33012	152	RFINE	05/14/76	RUN	F EB	74 B	646X I	
RESET	33164	73	RFINE	05/14/76	RUN	F EB	74 B	646X I	
SFAC	33257	476	RFINE	05/14/76	RUN	F EB	74 B	646X I	
SYMINV	33755	361	RFINE	05/14/76	RUN	F EB	74 B	646X I	
WEIGHT	34336	12	RFINE	05/14/76	RUN	F EB	74 B	646X I	
ASINCOS	34350	136	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
EXP	34506	55	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SINCOS	34563	72	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SQRT	34655	44	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
ACGOER	34721	12	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
ENDFIL	34733	57	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
GETBA	35012	17	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
INPUTB	35031	256	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
KRAKER	35307	1052	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
OUTPTB	36361	244	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SIO$	36625	1504	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
INPUTC	40331	121	SL-RUN2P3	03/17/75	COMPASS	3.	74190		
KODER	40452	1310	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
OUTPTC	41762	71	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
REWINM	42053	63	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SYSTEM	42136	1122	SL-RUN2P3	03/04/75	COMPASS	3.	74190		
//	43260	31463							

.716 CP SECONDS 57300B CM STORAGE USED 2 TABLE MOVES

LABELS AND CYCLES AT INPUT

H500H R

TIBURON HI ALBITE AT 500 DEGREES CENTIGRADE. FO-FC TABLE STRUCTURE FACTORS

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
0	0	1	28.563	26.666	-26.666	-.143	1.896	9.1303	1.0000	
0	0	2	194.901	185.829	-185.827	-.918	9.071	37.1824	1.0000	*
0	0	3	37.133	34.463	34.463	.209	2.670	7.9397	1.0000	
0	0	4	43.594	40.652	40.651	.055	2.942	7.6270	1.0000	
0	0	5	47.016	47.882	47.881	.240	-.866	-1.9526	1.0000	
0	0	6	3.602 *	4.142	-4.139	.167	-.540	-.8071	1.0000	* **
0	0	7	38.874	36.891	-36.885	-.660	1.983	6.1385	1.0000	
0	0	8	6.211	5.800	5.800	.010	.411	.7870	1.0000	
0	0	9	30.159	29.393	29.388	.560	.765	2.7467	1.0000	
0	2	-9	27.027	26.528	-26.524	-.433	.499	1.9655	1.0000	
0	2	-8	10.440	10.676	-10.675	-.061	-.236	-.6978	1.0000	
0	2	-7	30.548	30.963	30.959	.450	-.415	-1.3987	1.0000	
0	2	-6	20.204	21.184	21.184	.078	-.981	-4.1894	1.0000	
0	2	-5	43.945	44.080	-44.079	-.257	-.135	-.2963	1.0000	
0	2	-4	59.889	58.824	-58.823	-.314	1.065	2.8211	1.0000	
0	2	-3	3.259	4.562	4.562	.054	-1.303	-2.5261	1.0000	
0	2	-2	73.507	73.101	73.100	.410	.406	1.5376	1.0000	
0	2	-1	11.816	8.796	8.796	.037	3.020	7.5697	1.0000	
0	2	0	36.124	36.428	-36.428	-.178	-.304	-1.5899	1.0000	
0	2	1	16.368	14.036	-14.036	-.071	2.332	5.0883	1.0000	
0	2	2	24.778	25.741	25.740	.213	-.963	-2.7954	1.0000	
0	2	3	33.187	32.697	32.695	.300	.490	1.3955	1.0000	
0	2	4	41.259	44.105	-44.103	-.410	-2.845	-6.1641	1.0000	
0	2	5	17.067	20.224	-20.221	-.318	-3.157	-7.2268	1.0000	
0	2	6	19.941	20.087	20.084	.352	-.146	-.5822	1.0000	
0	2	7	7.469	6.504	6.504	.026	.966	2.1222	1.0000	
0	2	8	2.118 *	1.271	-1.269	-.072	.847	.5600	1.0000	* **
0	4	-8	3.633 *	3.005	3.005	.024	.629	.7126	1.0000	* **
0	4	-7	19.922	21.214	21.212	.327	-1.293	-6.0318	1.0000	
0	4	-6	29.639	29.070	-29.067	-.393	.570	2.0575	1.0000	
0	4	-5	27.364	29.790	-29.790	.067	-2.426	-7.8699	1.0000	
0	4	-4	35.678	35.729	35.727	.306	-.051	-.1662	1.0000	
0	4	-3	59.384	59.434	-59.431	-.592	-.050	-.1444	1.0000	
0	4	-2	6.520	5.375	-5.366	.327	1.144	4.3380	1.0000	
0	4	-1	83.826	83.466	83.464	.480	.360	1.3827	1.0000	
0	4	0	150.541	152.362	-152.361	-.696	-1.821	-7.4656	1.0000	
0	4	1	24.145	25.377	25.375	.262	-1.232	-3.6097	1.0000	
0	4	2	30.048	31.857	31.853	.471	-1.809	-5.2492	1.0000	
0	4	3	51.712	52.718	-52.716	-.481	-1.006	-2.8114	1.0000	
0	4	4	2.542 *	1.833	-1.832	.027	.709	.7712	1.0000	* **
0	4	5	38.762	40.504	-40.504	-.023	-1.742	-5.1052	1.0000	
0	4	6	12.718	12.264	-12.261	-.250	.454	1.8875	1.0000	
0	4	7	26.565	27.010	27.007	.389	-.445	-1.7091	1.0000	
0	4	8	2.131 *	.086	.006	.086	2.045	1.3428	1.0000	* **
0	6	-8	8.214	8.478	8.477	.145	-.264	-.6173	1.0000	
0	6	-7	15.700	15.023	-15.019	-.341	.677	2.8910	1.0000	
0	6	-6	21.343	21.434	-21.433	-.256	-.092	-.4026	1.0000	
0	6	-5	24.513	24.432	24.431	.239	.080	.3200	1.0000	
0	6	-4	57.218	57.679	57.677	.459	-.461	-1.0837	1.0000	
0	6	-3	4.047	4.648	-4.643	-.210	-.601	-1.1466	1.0000	
0	6	-2	69.774	71.666	-71.665	-.519	-1.892	-5.5987	1.0000	
0	6	-1	7.121	6.567	6.567	.099	.554	2.2862	1.0000	
0	6	0	98.341	96.709	96.708	.413	1.631	5.3788	1.0000	

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
0	6	1	65.484	66.202	66.201	.392	-.718	-2.2232	1.0000	
0	6	2	60.233	61.121	-61.121	-.311	-.888	-2.5299	1.0000	
0	6	3	78.048	79.444	-79.441	-.774	-1.396	-3.6670	1.0000	
0	6	4	53.710	55.316	55.314	.381	-1.605	-3.6475	1.0000	
0	6	5	35.196	36.347	36.343	.585	-1.151	-3.1883	1.0000	
0	6	6	31.670	32.341	-32.339	-.398	-.671	-2.0145	1.0000	
0	6	7	11.368	11.504	-11.502	-.219	-.136	-.4471	1.0000	
0	6	8	7.812	6.902	6.901	.076	.910	1.9722	1.0000	
0	8	-8	9.859	10.241	-10.240	-.173	-.382	-.9859	1.0000	
0	8	-7	5.908	6.384	6.384	-.038	-.476	-.8935	1.0000	
0	8	-6	42.413	42.841	42.835	.713	-.428	-1.3369	1.0000	
0	8	-5	11.333	11.472	-11.469	-.255	-.139	-.5396	1.0000	
0	8	-4	65.690	68.407	-68.401	-.867	-2.717	-6.0160	1.0000	
0	8	-3	59.936	59.735	59.733	.567	.201	.4800	1.0000	
0	8	-2	52.273	51.525	51.523	.394	.748	1.8749	1.0000	
0	8	-1	47.797	49.033	-49.032	-.278	-1.235	-3.2164	1.0000	
0	8	0	50.862	51.013	51.013	.096	-.151	-.4041	1.0000	
0	8	1	26.745	26.374	-26.372	-.369	.370	1.4212	1.0000	
0	8	2	9.822	10.476	10.476	.021	-.654	-2.5280	1.0000	
0	8	3	62.890	65.672	65.669	.676	-2.782	-6.4405	1.0000	
0	8	4	38.994	40.792	-40.790	-.364	-1.797	-5.1672	1.0000	
0	8	5	23.098	22.924	-22.919	-.501	.174	.7425	1.0000	
0	8	6	22.511	23.721	23.719	.297	-1.210	-5.3570	1.0000	
0	8	7	16.562	16.377	16.376	.190	.185	.7277	1.0000	
0	10	-7	7.365	7.199	-7.198	-.109	.166	.3552	1.0000	
0	10	-6	5.506	4.926	-4.925	-.047	.580	1.1033	1.0000	
0	10	-5	8.307	8.813	-8.813	.053	-.507	-1.4499	1.0000	
0	10	-4	1.851 *	1.072	-1.072	-.018	.779	.5896	1.0000	* **
0	10	-3	18.131	17.563	17.562	.152	.569	2.5561	1.0000	
0	10	-2	27.988	30.944	-30.943	-.108	-2.956	-9.7455	1.0000	
0	10	-1	32.130	33.743	-33.742	-.218	-1.613	-4.7041	1.0000	
0	10	0	48.128	50.804	50.803	.352	-2.676	-6.0788	1.0000	
0	10	1	6.495	4.544	-4.544	-.046	1.951	4.8303	1.0000	
0	10	2	46.155	47.377	-47.376	-.262	-1.222	-2.6467	1.0000	
0	10	3	20.832	21.321	21.319	.318	-.490	-2.1685	1.0000	
0	10	4	8.003	6.689	-6.687	-.159	1.314	3.8145	1.0000	
0	10	5	12.672	12.878	-12.876	-.235	-.206	-.7922	1.0000	
0	10	6	12.172	12.475	12.471	.331	-.303	-1.0207	1.0000	
0	10	7	2.776 *	4.004	-4.003	-.070	-1.228	-.9973	1.0000	* **
0	12	-7	7.227	7.277	7.274	.191	-.050	-.0997	1.0000	
0	12	-6	19.683	19.960	-19.954	-.497	-.277	-1.2103	1.0000	
0	12	-5	4.695	2.485	-2.484	.049	2.210	3.6631	1.0000	
0	12	-4	37.433	36.276	36.271	.632	1.157	3.5803	1.0000	
0	12	-3	26.380	26.973	-26.971	-.353	-.593	-2.2332	1.0000	
0	12	-2	24.344	24.588	-24.586	-.284	-.243	-1.0397	1.0000	
0	12	-1	29.811	30.311	30.311	.204	-.500	-1.8976	1.0000	
0	12	0	20.690	20.124	-20.124	-.055	.566	2.5438	1.0000	
0	12	1	13.697	14.055	14.052	.297	-.358	-1.6570	1.0000	
0	12	2	2.486 *	2.228	-2.228	.009	.258	.2538	1.0000	* **
0	12	3	39.863	40.176	-40.172	-.563	-.313	-.9842	1.0000	
0	12	4	15.632	16.222	16.221	.150	-.589	-2.5900	1.0000	
0	12	5	13.748	14.100	14.094	.414	-.352	-1.2769	1.0000	
0	12	6	9.622	9.187	-9.187	-.116	.435	1.1415	1.0000	

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
0	14	-6	10.544	9.436	9.433	.211	1.108	3.0409	1.0000	
0	14	-5	9.510	10.501	-10.500	-.096	-.991	-2.5906	1.0000	
0	14	-4	4.016 *	2.883	-2.876	-.193	1.133	1.5482	1.0000	* **
0	14	-3	5.051	4.630	-4.623	-.255	.421	.7529	1.0000	
0	14	-2	22.991	22.696	22.693	.380	.295	1.3563	1.0000	
0	14	-1	25.800	26.296	26.293	.451	-.496	-2.1205	1.0000	
0	14	0	36.042	35.342	-35.337	-.613	.700	2.1439	1.0000	
0	14	1	10.405	8.971	-8.967	-.249	1.434	4.8612	1.0000	
0	14	2	31.255	31.724	31.721	.472	-.469	-1.7259	1.0000	
0	14	3	2.005 *	.024	.023	-.005	1.981	1.3843	1.0000	* **
0	14	4	5.954	4.169	4.169	-.003	1.785	3.2612	1.0000	
0	14	5	8.884	7.784	-7.784	-.080	1.099	2.6572	1.0000	
0	16	-4	2.188 *	3.161	-3.159	-.084	-.973	-.6227	1.0000	* **
0	16	-3	19.658	18.626	18.624	.269	1.032	4.4380	1.0000	
0	16	-2	7.827	8.531	-8.529	-.147	-.704	-1.6419	1.0000	
0	16	-1	30.745	30.246	-30.245	-.315	.499	1.8459	1.0000	
0	16	0	28.866	29.365	29.363	.318	-.498	-1.9888	1.0000	
0	16	1	14.891	13.902	13.902	.105	.988	3.7714	1.0000	
0	16	2	17.503	17.333	-17.332	-.195	.170	.6919	1.0000	
0	16	3	2.138 *	1.207	-1.206	.014	.932	.6103	1.0000	* **
0	18	-1	18.570	18.083	-18.080	-.341	.487	1.9291	1.0000	
0	18	0	17.685	17.239	17.236	.337	.446	1.6894	1.0000	
1	-17	-3	12.815	11.770	-11.767	-.263	1.046	3.2696	1.0000	
1	-17	-2	4.283 *	4.673	4.670	.149	-.390	-.4772	1.0000	* **
1	-17	-1	2.169 *	1.670	-1.669	-.054	.499	.3221	1.0000	* **
1	-17	0	16.143	14.836	14.833	.277	1.308	4.9584	1.0000	
1	-17	1	2.199 *	2.721	2.720	.072	-.522	-.3321	1.0000	* **
1	-17	2	36.492	35.886	-35.881	-.625	.606	1.7760	1.0000	
1	-17	3	8.625	7.498	7.495	.197	1.127	2.6197	1.0000	
1	-15	-5	18.298	17.855	-17.851	-.356	.443	1.6703	1.0000	
1	-15	-4	2.164 *	2.575	2.574	.087	-.411	-.2658	1.0000	* **
1	-15	-3	21.176	20.330	20.329	.224	.846	3.4457	1.0000	
1	-15	-2	7.158	5.942	5.942	.024	1.215	2.7823	1.0000	
1	-15	-1	9.911	9.752	-9.751	-.118	.159	.4895	1.0000	
1	-15	0	11.988	12.367	-12.366	-.175	-.380	-1.3790	1.0000	
1	-15	1	20.492	19.688	19.688	.118	.804	3.5584	1.0000	
1	-15	2	16.508	15.913	15.912	.171	.595	2.5230	1.0000	
1	-15	3	12.764	13.204	-13.203	-.050	-.440	-1.4813	1.0000	
1	-15	4	2.138 *	1.087	-1.081	-.115	1.051	.6875	1.0000	* **
1	-15	5	2.204 *	.378	.367	-.090	1.826	1.1600	1.0000	* **
1	-13	-6	2.194 *	.792	-.791	.037	1.402	.8943	1.0000	* **
1	-13	-5	20.733	20.204	-20.200	-.356	.529	2.1255	1.0000	
1	-13	-4	20.960	20.728	20.726	.290	.232	.9695	1.0000	
1	-13	-3	1.945 *	1.484	-1.481	.092	.462	.3322	1.0000	* **
1	-13	-2	17.676	17.277	-17.274	-.334	.401	1.7639	1.0000	
1	-13	-1	23.077	22.250	22.247	.342	.827	3.2585	1.0000	
1	-13	0	3.419 *	3.006	-3.003	-.121	.413	.5497	1.0000	* **
1	-13	1	21.564	21.175	-21.172	-.337	.389	1.6162	1.0000	
1	-13	2	31.484	29.947	29.942	.557	1.537	4.6375	1.0000	
1	-13	3	3.615 *	.820	-.816	-.078	2.795	3.7348	1.0000	* **
1	-13	4	24.823	23.996	-23.992	-.447	.827	3.2990	1.0000	
1	-13	5	21.110	21.140	21.138	.292	-.030	-.1169	1.0000	
1	-13	6	2.184 *	.993	.992	.050	1.191	.7639	1.0000	* **

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
1	-11	-7	18.880	17.879	-17.876	-.349	1.001	3.9675	1.0000	
1	-11	-6	3.203 *	2.747	2.747	-.034	.456	.4508	1.0000	* **
1	-11	-5	15.787	15.872	15.866	.414	-.084	-.3598	1.0000	
1	-11	-4	13.990	13.761	-13.761	.051	.230	.9685	1.0000	
1	-11	-3	22.691	22.375	-22.373	-.351	.316	1.1751	1.0000	
1	-11	-2	1.978 *	2.606	2.596	-.236	-.628	-.5157	1.0000	* **
1	-11	-1	6.343	3.375	3.358	.332	2.969	7.2613	1.0000	
1	-11	0	9.184	6.994	6.983	.397	2.189	7.2977	1.0000	
1	-11	1	15.344	16.815	-16.812	-.269	-1.471	-5.7561	1.0000	
1	-11	2	24.897	26.395	-26.393	-.330	-1.498	-5.3776	1.0000	
1	-11	3	2.102 *	.002	-.001	.002	2.100	1.7596	1.0000	* **
1	-11	4	4.670	6.096	6.090	.271	-1.426	-2.3959	1.0000	
1	-11	5	18.567	19.238	19.235	.311	-.671	-2.8671	1.0000	
1	-11	6	25.785	25.028	-25.026	-.368	.757	2.7997	1.0000	
1	-11	7	22.403	22.024	-22.022	-.351	.378	1.4706	1.0000	
1	-9	-7	2.699 *	.493	-.475	.131	2.206	1.8585	1.0000	* **
1	-9	-6	5.321	5.826	-5.825	-.108	-.505	-.9226	1.0000	
1	-9	-5	6.792	6.681	6.681	-.015	.111	.2695	1.0000	
1	-9	-4	44.449	44.038	-44.035	-.541	.411	.8397	1.0000	
1	-9	-3	40.277	40.987	40.986	.308	-.710	-1.4607	1.0000	
1	-9	-2	65.408	65.148	65.142	.871	.260	.6188	1.0000	
1	-9	-1	58.514	59.253	-59.249	-.703	-.740	-1.8092	1.0000	
1	-9	0	42.609	44.103	-44.101	-.459	-1.494	-3.5117	1.0000	
1	-9	1	62.737	61.589	61.586	.599	1.148	2.8081	1.0000	
1	-9	2	14.019	14.010	14.010	-.020	.009	.0324	1.0000	
1	-9	3	20.017	20.654	-20.654	.028	-.637	-2.3274	1.0000	
1	-9	4	4.121	3.249	-3.249	-.023	.872	1.4574	1.0000	
1	-9	5	26.522	25.412	-25.408	-.457	1.110	4.1063	1.0000	
1	-9	6	18.242	18.889	18.886	.308	-.647	-2.8035	1.0000	
1	-9	7	17.886	18.411	18.407	.364	-.525	-2.0962	1.0000	
1	-7	-8	5.997	5.557	-5.556	-.093	.440	.7398	1.0000	
1	-7	-7	6.356	6.364	-6.363	-.102	-.007	-.0149	1.0000	
1	-7	-6	3.000 *	1.645	1.644	-.034	1.355	1.5005	1.0000	* **
1	-7	-5	12.985	13.115	13.115	.070	-.130	-.5812	1.0000	
1	-7	-4	9.108	7.966	7.966	.018	1.142	3.6276	1.0000	
1	-7	-3	11.852	11.887	11.887	-.067	-.035	-.1325	1.0000	
1	-7	-2	1.680 *	1.020	-1.013	.121	.659	.5495	1.0000	* **
1	-7	-1	17.330	15.641	15.641	-.033	1.689	7.5912	1.0000	
1	-7	0	50.906	47.772	47.772	.019	3.134	8.9252	1.0000	
1	-7	1	35.163	34.169	34.169	.188	.994	2.5661	1.0000	
1	-7	2	31.103	30.597	-30.595	-.284	.506	1.6606	1.0000	
1	-7	3	21.397	20.761	-20.761	-.009	.636	2.2577	1.0000	
1	-7	4	53.410	56.545	56.544	.269	-3.135	-6.8155	1.0000	
1	-7	5	13.377	11.957	-11.953	-.305	1.420	6.1531	1.0000	
1	-7	6	5.356	4.118	-4.118	.051	1.238	2.3834	1.0000	
1	-7	7	21.751	22.098	22.096	.278	-.347	-1.2979	1.0000	
1	-7	8	12.692	12.729	-12.726	-.264	-.037	-.1157	1.0000	
1	-5	-8	34.621	34.795	-34.793	-.349	-.174	-.5936	1.0000	
1	-5	-7	3.365 *	2.158	2.158	-.034	1.206	1.4786	1.0000	* **
1	-5	-6	14.141	15.119	15.118	.084	-.978	-4.3631	1.0000	
1	-5	-5	38.132	38.280	-38.279	-.250	-.148	-.4295	1.0000	
1	-5	-4	16.419	14.995	14.986	.529	1.424	5.5723	1.0000	
1	-5	-3	23.459	23.325	-23.325	-.048	.134	.5238	1.0000	

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
1	-5	-2	10.247	7.110	7.065	-.806	3.136	13.0318	1.0000	
1	-5	-1	43.269	45.896	45.891	.691	-2.627	-8.5216	1.0000	
1	-5	0	23.222	18.543	-18.534	.558	4.679	18.1948	1.0000	
1	-5	1	37.667	40.846	-40.841	-.610	-3.178	-9.7866	1.0000	
1	-5	2	3.397	1.956	-1.951	-.128	1.442	2.7505	1.0000	
1	-5	3	17.744	15.494	-15.493	-.088	2.250	8.2239	1.0000	
1	-5	4	13.864	13.699	-13.699	.072	.165	.6203	1.0000	
1	-5	5	47.667	50.434	50.431	.524	-2.767	-5.7280	1.0000	
1	-5	6	14.398	14.158	-14.155	-.285	.240	1.0241	1.0000	
1	-5	7	34.337	35.750	-35.747	-.469	-1.412	-3.9662	1.0000	
1	-5	8	15.669	16.591	16.589	.282	-.922	-3.3508	1.0000	
1	-3	-9	18.654	18.926	-18.922	-.366	-.272	-1.0573	1.0000	
1	-3	-8	2.303 *	.953	.953	.005	1.350	.8207	1.0000	* **
1	-3	-7	26.306	27.444	27.440	.464	-1.138	-4.0131	1.0000	
1	-3	-6	1.920 *	5.836	5.833	.174	-3.915	-2.8548	1.0000	* **
1	-3	-5	60.607	60.893	-60.889	-.641	-.285	-.6578	1.0000	
1	-3	-4	29.956	29.675	-29.673	-.296	.281	.9121	1.0000	
1	-3	-3	24.064	25.125	25.119	.552	-1.060	-3.8750	1.0000	
1	-3	-2	67.854	68.663	68.661	.410	-.809	-2.9196	1.0000	
1	-3	-1	17.530	12.293	12.293	.088	5.236	10.7317	1.0000	*
1	-3	0	108.388	107.890	-107.888	-.551	.498	2.1442	1.0000	
1	-3	1	87.339	85.675	-85.674	-.473	1.664	6.4702	1.0000	
1	-3	2	33.126	36.795	36.785	.851	-3.669	-10.9648	1.0000	
1	-3	3	43.704	43.361	43.360	.236	.343	.9331	1.0000	
1	-3	4	91.323	90.738	-90.734	-.864	.585	1.4855	1.0000	
1	-3	5	6.774	6.327	-6.327	.049	.447	1.1483	1.0000	
1	-3	6	19.480	19.443	19.441	.322	.036	.1533	1.0000	
1	-3	7	9.594	8.958	-8.958	.029	.636	1.9185	1.0000	
1	-3	8	14.811	14.249	14.248	.146	.562	2.0308	1.0000	
1	-1	-9	4.840	3.794	3.794	.067	1.046	1.4483	1.0000	
1	-1	-8	32.054	32.462	32.460	.389	-.408	-1.2820	1.0000	
1	-1	-7	38.673	37.728	-37.725	-.481	.945	2.4505	1.0000	
1	-1	-6	21.443	20.941	-20.937	-.408	.503	1.8819	1.0000	
1	-1	-5	79.955	80.007	80.003	.744	-.051	-.1267	1.0000	
1	-1	-4	28.972	27.779	-27.778	-.055	1.193	4.1600	1.0000	
1	-1	-3	42.003	36.192	36.190	-.370	5.811	18.2652	1.0000	*
1	-1	-2	71.949	70.626	70.625	.378	1.323	5.2120	1.0000	
1	-1	-1	29.738	29.069	-29.069	-.149	.669	2.8785	1.0000	
1	-1	0	25.945	26.262	26.261	.114	-.316	-1.5117	1.0000	
1	-1	1	74.578	73.811	73.810	.359	.767	3.2097	1.0000	
1	-1	2	36.375	38.372	-38.367	-.645	-1.997	-6.4109	1.0000	
1	-1	3	61.971	54.840	-54.840	-.203	7.130	20.9974	1.0000	*
1	-1	4	56.661	54.334	54.332	.462	2.327	5.7614	1.0000	
1	-1	5	11.765	9.423	9.423	-.043	2.342	9.3470	1.0000	
1	-1	6	10.974	11.516	-11.516	-.093	-.542	-2.0425	1.0000	
1	-1	7	3.515 *	2.577	2.577	.024	.937	1.1823	1.0000	* **
1	-1	8	7.426	1.063	1.062	-.043	6.363	13.6883	1.0000	*
1	1	-9	2.196 *	3.770	3.770	.031	-1.574	-1.0043	1.0000	* **
1	1	-8	12.492	9.143	9.143	.105	3.349	11.8794	1.0000	
1	1	-7	17.975	14.978	-14.977	-.153	2.997	14.7807	1.0000	
1	1	-6	16.181	15.159	-15.158	-.191	1.022	4.9221	1.0000	
1	1	-5	44.306	39.099	39.097	.335	5.207	11.9649	1.0000	*
1	1	-4	10.870	7.090	-7.090	.000	3.780	16.3792	1.0000	

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
1	1	-3	22.956	16.682	16.680	-.229	6.275	23.9391	1.0000	*
1	1	-2	57.068	54.590	54.589	.294	2.478	9.3944	1.0000	
1	1	-1	27.091	27.423	-27.422	-.128	-.332	-1.4176	1.0000	
1	1	0	12.395	13.538	13.538	.072	-1.143	-4.8506	1.0000	
1	1	1	86.922	86.193	86.192	.439	.728	3.0899	1.0000	
1	1	2	14.431	17.390	-17.373	-.770	-2.959	-12.5545	1.0000	
1	1	3	90.766	86.975	-86.974	-.342	3.791	11.3286	1.0000	
1	1	4	66.825	65.538	65.534	.760	1.287	3.2397	1.0000	
1	1	5	22.774	22.972	22.972	-.078	-.198	-.6869	1.0000	
1	1	6	7.146	6.756	-6.753	-.205	.390	1.0203	1.0000	
1	1	7	11.752	11.709	11.708	.099	.043	.1527	1.0000	
1	1	8	20.565	20.724	-20.723	-.224	-.160	-.6829	1.0000	
1	3	-9	3.528 *	2.328	-2.326	-.112	1.199	1.1493	1.0000	* **
1	3	-8	43.307	43.378	-43.376	-.447	-.072	-.2090	1.0000	
1	3	-7	30.676	29.876	29.872	.511	.800	2.7571	1.0000	
1	3	-6	49.273	49.411	49.408	.548	-.138	-.2900	1.0000	
1	3	-5	81.202	83.173	-83.169	-.830	-1.972	-4.8033	1.0000	
1	3	-4	35.775	36.725	-36.724	-.281	-.950	-2.3906	1.0000	
1	3	-3	13.267	9.866	-9.851	.542	3.401	14.5295	1.0000	
1	3	-2	50.370	49.346	49.346	.243	1.024	3.6548	1.0000	
1	3	-1	45.379	45.066	45.065	.234	.313	1.1173	1.0000	
1	3	0	91.480	93.116	-93.115	-.499	-1.637	-6.8469	1.0000	
1	3	1	95.876	97.216	-97.214	-.621	-1.339	-5.1100	1.0000	
1	3	2	8.101	5.077	-5.039	.617	3.024	13.4878	1.0000	
1	3	3	36.929	36.928	36.926	.389	.001	.0030	1.0000	
1	3	4	32.478	33.365	-33.361	-.522	-.887	-2.6001	1.0000	
1	3	5	22.117	22.691	-22.689	-.295	-.573	-2.2296	1.0000	
1	3	6	6.591	6.926	6.922	.242	-.336	-.7653	1.0000	
1	3	7	17.159	17.365	17.361	.366	-.206	-.8685	1.0000	
1	3	8	2.196 *	1.482	1.481	-.039	.714	.4555	1.0000	* **
1	5	-9	24.452	24.903	24.899	.415	-.451	-1.8249	1.0000	
1	5	-8	2.975 *	4.484	-4.484	-.023	-1.509	-1.4083	1.0000	* **
1	5	-7	20.668	20.820	-20.817	-.292	-.151	-.7393	1.0000	
1	5	-6	4.276	3.458	3.457	-.104	.818	1.4212	1.0000	
1	5	-5	2.130 *	3.412	-3.412	-.046	-1.283	-1.0278	1.0000	* **
1	5	-4	31.387	30.021	30.016	.561	1.365	4.3367	1.0000	
1	5	-3	11.862	12.151	-12.150	.135	-.289	-1.2078	1.0000	
1	5	-2	27.580	31.366	-31.352	-.933	-3.786	-14.8157	1.0000	
1	5	-1	46.422	46.657	46.656	.279	-.234	-.7727	1.0000	
1	5	0	10.372	4.017	-3.952	.721	6.355	28.7697	1.0000	*
1	5	1	54.495	57.159	-57.157	-.500	-2.665	-8.3320	1.0000	
1	5	2	19.960	20.296	-20.296	-.133	-.337	-1.2693	1.0000	
1	5	3	5.349	6.413	6.412	-.057	-1.063	-2.4158	1.0000	
1	5	4	34.339	35.369	-35.368	-.250	-1.029	-2.9458	1.0000	
1	5	5	39.106	40.147	40.142	.617	-1.040	-2.8813	1.0000	
1	5	6	10.220	10.119	10.119	.061	.101	.3432	1.0000	
1	5	7	44.190	45.198	-45.195	-.572	-1.008	-2.8311	1.0000	
1	5	8	15.019	15.124	15.122	.210	-.105	-.3646	1.0000	
1	7	-8	26.380	26.839	26.838	.248	-.459	-1.6873	1.0000	
1	7	-7	3.589 *	2.604	2.604	-.006	.985	1.2768	1.0000	* **
1	7	-6	21.710	22.994	-22.993	-.211	-1.284	-5.7268	1.0000	
1	7	-5	35.714	34.879	34.877	.306	.835	2.3572	1.0000	
1	7	-4	2.539 *	3.003	-3.001	-.127	-.465	-.4643	1.0000	* **

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
1	7	-3	27.632	28.480	28.479	-.201	-.849	-2.5866	1.0000	
1	7	-2	26.577	27.569	27.567	.317	-.992	-3.3079	1.0000	
1	7	-1	28.500	27.643	-27.643	-.086	.857	3.0065	1.0000	
1	7	0	16.470	14.784	14.784	-.096	1.686	7.5759	1.0000	
1	7	1	34.893	35.327	35.327	.143	-.434	-1.5397	1.0000	
1	7	2	1.939 *	3.650	3.645	-.195	-1.711	-1.4281	1.0000	* **
1	7	3	23.749	24.085	-24.085	-.120	-.336	-1.2134	1.0000	
1	7	4	12.906	14.271	14.271	.138	-1.366	-6.1367	1.0000	
1	7	5	20.970	21.656	21.656	.141	-.686	-2.8123	1.0000	
1	7	6	4.568	3.394	3.394	-.014	1.174	1.8684	1.0000	
1	7	7	8.727	8.412	-8.410	-.158	.315	.7681	1.0000	
1	9	-8	5.036	1.249	-1.248	.057	3.787	5.5759	1.0000	
1	9	-7	3.557 *	2.375	2.369	.176	1.182	1.3924	1.0000	* **
1	9	-6	8.107	7.020	7.020	.007	1.087	3.0386	1.0000	
1	9	-5	24.168	24.352	24.351	.192	-.184	-.7532	1.0000	
1	9	-4	57.838	60.404	-60.403	-.473	-2.567	-5.5210	1.0000	
1	9	-3	22.999	21.960	-21.959	-.268	1.039	3.6647	1.0000	
1	9	-2	94.846	98.275	98.270	.953	-3.429	-8.5956	1.0000	
1	9	-1	14.167	13.068	-13.068	-.088	1.099	4.6278	1.0000	
1	9	0	74.280	75.948	-75.944	-.774	-1.668	-4.1819	1.0000	
1	9	1	18.473	19.920	19.918	.274	-1.447	-5.8524	1.0000	
1	9	2	26.637	28.026	28.026	.071	-1.389	-4.4575	1.0000	
1	9	3	10.511	10.068	-10.068	.068	.442	1.7082	1.0000	
1	9	4	17.698	18.149	18.147	.274	-.451	-2.2805	1.0000	
1	9	5	23.415	23.584	-23.577	-.549	-.169	-.7379	1.0000	
1	9	6	7.960	8.363	-8.362	-.078	-.402	-.9643	1.0000	
1	9	7	35.580	35.785	35.780	.608	-.205	-.7131	1.0000	
1	11	-7	18.786	19.440	-19.438	-.235	-.654	-2.6796	1.0000	
1	11	-6	6.726	8.024	-8.023	-.155	-1.298	-2.8747	1.0000	
1	11	-5	5.153	5.163	-5.162	-.039	-.010	-.0180	1.0000	
1	11	-4	32.847	32.938	32.935	.475	-.091	-.2873	1.0000	
1	11	-3	14.727	14.481	-14.480	.113	.247	1.1879	1.0000	
1	11	-2	46.623	45.907	-45.903	-.608	.716	1.5139	1.0000	
1	11	-1	1.878 *	.530	.521	-.102	1.347	1.0039	1.0000	* **
1	11	0	17.642	16.982	16.976	.455	.660	2.8184	1.0000	
1	11	1	9.688	9.885	9.883	.217	-.197	-.7156	1.0000	
1	11	2	26.891	27.173	-27.171	-.304	-.281	-1.1230	1.0000	
1	11	3	26.227	25.633	-25.630	-.347	.594	2.4364	1.0000	
1	11	4	5.804	6.821	6.818	.214	-1.017	-2.0982	1.0000	
1	11	5	16.190	15.789	15.787	.282	.400	1.6191	1.0000	
1	11	6	3.201 *	1.027	-1.026	-.045	2.174	2.1036	1.0000	* **
1	13	-6	26.608	26.658	26.654	.422	-.050	-.1833	1.0000	
1	13	-5	23.308	23.728	-23.725	-.384	-.420	-1.9035	1.0000	
1	13	-4	2.900 *	3.171	-3.168	-.120	-.271	-.2894	1.0000	* **
1	13	-3	21.918	22.474	22.471	.337	-.556	-2.4082	1.0000	
1	13	-2	18.957	17.968	-17.965	-.289	.990	4.6175	1.0000	
1	13	-1	12.551	12.778	12.777	.162	-.227	-.9226	1.0000	
1	13	0	15.042	14.887	14.885	.233	.155	.7073	1.0000	
1	13	1	26.591	26.085	-26.080	-.529	.506	2.0899	1.0000	
1	13	2	2.626 *	2.396	2.389	.180	.230	.2246	1.0000	* **
1	13	3	17.187	17.810	17.807	.318	-.623	-2.7985	1.0000	
1	13	4	14.333	15.086	-15.082	-.354	-.753	-2.7680	1.0000	
1	13	5	7.674	6.344	6.343	.099	1.329	2.9114	1.0000	

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
1	15	-5	11.965	11.221	11.221	.061	.744	2.3373	1.0000	
1	15	-4	19.978	19.745	-19.745	-.178	.232	1.0136	1.0000	
1	15	-3	4.253	3.255	-3.255	-.069	.998	1.4309	1.0000	
1	15	-2	29.374	29.445	29.444	.219	-.071	-.2745	1.0000	
1	15	-1	9.787	9.610	9.609	.096	.177	.5433	1.0000	
1	15	0	19.439	19.127	-19.127	-.153	.311	1.4757	1.0000	
1	15	1	16.186	16.307	-16.306	-.227	-.121	-.5068	1.0000	
1	15	2	24.892	24.755	24.754	.153	.137	.5851	1.0000	
1	15	3	18.677	17.834	17.832	.270	.843	3.5024	1.0000	
1	15	4	13.760	14.486	-14.485	-.177	-.726	-2.3687	1.0000	
1	17	-3	11.969	12.316	-12.314	-.235	-.347	-1.0571	1.0000	
1	17	-2	2.423 *	.387	-.385	.034	2.037	1.4813	1.0000	* **
1	17	-1	17.421	16.354	-16.353	-.208	1.067	4.2856	1.0000	
1	17	0	2.150 *	1.640	-1.639	-.053	.510	.3320	1.0000	* **
1	17	1	30.566	30.074	30.069	.561	.492	1.9619	1.0000	
1	17	2	6.661	7.748	-7.745	-.196	-1.086	-1.9791	1.0000	
2	-16	-4	14.333	13.526	13.526	.093	.807	2.7062	1.0000	
2	-16	-3	19.280	18.900	-18.899	-.225	.380	1.5577	1.0000	
2	-16	-2	6.620	6.696	-6.696	-.025	-.076	-.1470	1.0000	
2	-16	-1	26.333	25.391	25.389	.251	.942	3.2467	1.0000	
2	-16	0	6.787	7.130	-7.129	-.107	-.343	-.6933	1.0000	
2	-16	1	2.117 *	.283	-.283	-.010	1.834	1.2131	1.0000	* **
2	-16	2	6.286	.241	-.241	.015	6.045	11.0778	1.0000	*
2	-16	3	11.404	11.335	-11.333	-.229	.069	.1994	1.0000	
2	-14	-5	15.237	15.133	-15.130	-.324	.104	.3739	1.0000	
2	-14	-4	18.273	18.181	-18.178	-.319	.093	.3898	1.0000	
2	-14	-3	46.114	44.437	44.432	.674	1.677	4.1023	1.0000	
2	-14	-2	10.966	9.938	9.938	.115	1.027	3.4622	1.0000	
2	-14	-1	34.837	35.009	-35.004	-.567	-.172	-.5116	1.0000	
2	-14	0	6.841	6.755	6.755	.027	.086	.2030	1.0000	
2	-14	1	7.334	7.224	7.223	.120	.110	.2724	1.0000	
2	-14	2	13.649	14.070	14.069	.175	-.421	-1.6269	1.0000	
2	-14	3	15.245	15.883	15.882	.152	-.638	-2.5295	1.0000	
2	-14	4	25.144	24.748	-24.745	-.428	.396	1.4199	1.0000	
2	-14	5	7.243	7.580	-7.579	-.126	-.337	-.6508	1.0000	
2	-12	-7	21.031	20.325	-20.322	-.360	.706	2.8758	1.0000	
2	-12	-6	3.902 *	3.874	3.871	.142	.028	.0337	1.0000	* **
2	-12	-5	26.766	26.064	26.062	.335	.702	2.6111	1.0000	
2	-12	-4	16.556	16.813	-16.813	-.098	-.258	-1.1761	1.0000	
2	-12	-3	14.251	14.074	-14.074	-.079	.177	.7762	1.0000	
2	-12	-2	6.691	6.974	-6.971	-.210	-.283	-.7124	1.0000	
2	-12	-1	6.449	6.415	-6.415	-.014	.034	.0852	1.0000	
2	-12	0	43.656	42.254	42.250	.603	1.402	2.8064	1.0000	
2	-12	1	33.184	32.602	-32.601	-.242	.582	1.8681	1.0000	
2	-12	2	34.433	32.599	-32.594	-.578	1.834	4.6540	1.0000	
2	-12	3	31.095	31.691	31.688	.436	-.596	-2.0321	1.0000	
2	-12	4	5.540	4.639	-4.637	.144	.901	1.6977	1.0000	
2	-12	5	6.378	5.592	-5.588	-.196	.786	1.5048	1.0000	
2	-12	6	7.740	7.734	7.733	.128	.006	.0116	1.0000	
2	-10	-7	14.027	13.923	13.919	.322	.104	.3601	1.0000	
2	-10	-6	21.353	21.659	-21.658	-.281	-.307	-1.2170	1.0000	
2	-10	-5	1.965 *	2.484	-2.484	-.051	-.519	-.3700	1.0000	* **
2	-10	-4	38.465	37.746	37.744	.356	.720	1.9666	1.0000	

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
2	-10	-3	37.094	38.639	-38.638	-.280	-1.545	-4.4208	1.0000	
2	-10	-2	16.760	17.476	-17.476	.005	-.716	-2.7673	1.0000	
2	-10	-1	44.490	45.554	45.553	.265	-1.063	-2.2953	1.0000	
2	-10	0	22.056	20.299	-20.297	-.263	1.758	5.9568	1.0000	
2	-10	1	28.319	28.779	-28.779	.033	-.460	-1.4754	1.0000	
2	-10	2	3.036 *	1.667	-1.664	.101	1.369	1.7341	1.0000	* **
2	-10	3	4.281	1.161	-1.145	-.189	3.120	5.4081	1.0000	
2	-10	4	8.532	8.441	8.440	.128	.091	.2654	1.0000	
2	-10	5	1.981 *	2.219	-2.217	.111	-.238	-.1680	1.0000	* **
2	-10	6	13.872	13.986	-13.985	-.137	-.114	-.3944	1.0000	
2	-8	-8	6.595	6.769	6.769	.020	-.174	-.3216	1.0000	
2	-8	-7	30.050	30.295	30.292	.442	-.245	-.8412	1.0000	
2	-8	-6	5.297	4.654	-4.650	-.169	.643	1.2075	1.0000	
2	-8	-5	36.935	37.261	-37.259	-.364	-.326	-.8741	1.0000	
2	-8	-4	34.774	34.895	34.894	.215	-.121	-.3441	1.0000	
2	-8	-3	34.791	34.723	34.723	.056	.068	.2057	1.0000	
2	-8	-2	27.734	27.355	27.353	.294	.379	1.1440	1.0000	
2	-8	-1	18.638	17.114	17.114	.113	1.524	5.5676	1.0000	
2	-8	0	113.446	113.721	-113.717	-.919	-.275	-.7358	1.0000	
2	-8	1	45.466	47.500	47.500	.156	-2.034	-4.8379	1.0000	
2	-8	2	97.380	100.459	100.455	.891	-3.079	-7.4714	1.0000	
2	-8	3	44.555	43.213	-43.211	-.430	1.341	2.8060	1.0000	
2	-8	4	23.453	22.688	-22.686	-.327	.765	2.8989	1.0000	
2	-8	5	5.671	5.493	5.491	.155	.178	.3543	1.0000	
2	-8	6	8.976	8.418	8.418	-.067	.558	1.5046	1.0000	
2	-8	7	19.465	19.331	19.328	.337	.134	.5230	1.0000	
2	-6	-8	2.118 *	2.021	2.021	.008	.097	.0642	1.0000	* **
2	-6	-7	52.731	52.070	-52.065	-.749	.661	1.6978	1.0000	
2	-6	-6	4.337	4.690	-4.688	.151	-.353	-.5820	1.0000	
2	-6	-5	66.741	66.766	66.764	.578	-.025	-.0556	1.0000	
2	-6	-4	21.489	22.626	22.626	.016	-1.137	-4.1554	1.0000	
2	-6	-3	25.909	25.853	-25.853	-.114	.056	.1753	1.0000	
2	-6	-2	51.978	53.873	-53.872	-.407	-1.895	-5.3479	1.0000	
2	-6	-1	13.516	12.245	12.245	-.005	1.270	5.6665	1.0000	
2	-6	0	80.691	80.935	80.932	.651	-.244	-.7403	1.0000	
2	-6	1	20.565	19.048	-19.047	-.145	1.517	5.7505	1.0000	
2	-6	2	50.290	48.554	-48.550	-.619	1.735	4.3861	1.0000	
2	-6	3	7.034	9.193	9.193	.029	-2.159	-5.8204	1.0000	
2	-6	4	32.702	32.901	32.899	.436	-.199	-.5570	1.0000	
2	-6	5	15.533	15.121	15.119	.190	.413	1.7156	1.0000	
2	-6	6	7.324	8.034	-8.027	-.324	-.709	-1.7858	1.0000	
2	-6	7	13.056	13.372	-13.370	-.219	-.316	-1.0588	1.0000	
2	-4	-9	9.957	8.922	-8.922	-.089	1.034	2.6813	1.0000	
2	-4	-8	3.704 *	3.797	-3.795	.100	-.092	-.1140	1.0000	* **
2	-4	-7	5.748	5.686	-5.686	-.074	.062	.1249	1.0000	
2	-4	-6	12.243	11.525	11.521	.289	.718	3.0680	1.0000	
2	-4	-5	8.917	8.875	8.875	-.076	.041	.1324	1.0000	
2	-4	-4	63.367	64.077	-64.075	-.509	-.710	-1.8648	1.0000	
2	-4	-3	7.334	9.572	9.550	.643	-2.238	-8.5928	1.0000	
2	-4	-2	30.478	30.986	30.985	.258	-.508	-1.4665	1.0000	
2	-4	-1	92.129	93.940	-93.937	-.751	-1.811	-6.4609	1.0000	
2	-4	0	53.461	52.844	52.844	.227	.617	2.0797	1.0000	
2	-4	1	92.278	87.383	-87.383	.016	4.895	15.9635	1.0000	