

TIBURON HI ALJITE AT1040 DEGREES CENTIGRADE. FU-FC TABLE

RESULTS OF STRUCTURE FACTOR CALCULATIONS

ALL REFLECTIONS	NUMERATOR	DENOMINATOR	NUMBER	R
WEIGHTED R	51071.30	13958351.42	2018	.060
UNWEIGHTED R	1657.04	34792.22	2018	.048
RANGES OF F (OBS)				
	11555.00	3810049.69	1621	.055
	30521.95	3176539.02	280	.098
	2486.84	2245039.78	84	.033
	2129.57	1118159.24	16	.044
	1366.26	1490972.91	12	.030
	.00	.00	0	.000
	899.44	1024905.75	3	.030
	2112.23	1092684.81	2	.044
RANGES OF (SIN(THETA)/LAMBDA)**2				
	10584.92	4877814.26	99	.047
	4524.85	2385861.87	170	.044
	3230.92	1977918.26	206	.040
	27810.02	1553504.16	256	.134
	1616.70	1267056.23	289	.036
	961.49	822430.02	302	.034
	1065.15	645939.36	342	.041
	1277.25	427807.23	354	.055
UNREJECTED REFLECTIONS				
WEIGHTED R	18963.09	12049695.77	1690	.040
UNWEIGHTED R	1236.28	32821.54	1690	.038
RANGES OF F (OBS)				
	11050.19	2807154.55	1304	.054
	4625.85	3111440.88	278	.039
	1891.50	2207447.30	83	.029
	727.60	934331.21	13	.028
	326.07	1316923.05	10	.016
	.00	.00	0	.000
	341.88	672398.78	2	.023
	.00	.00	0	.000
RANGES OF (SIN(THETA)/LAMBDA)**2				
	6688.84	3327056.95	91	.045
	2656.72	2174101.41	160	.036
	2637.09	1880250.12	191	.037
	2220.81	1507502.88	239	.038
	1560.83	1266783.44	253	.035
	875.25	821694.64	233	.033
	991.78	645329.90	261	.039
	1131.77	426976.44	262	.051
SUM FCAL				
				34513.51
STANDARD DEV OF UNIT WEIGHT OBS				
				3.47

LABELS AND CYCLES AT OUTPUT

H1040

R

08.41.23. 03/16/78 XLLUGBJ 7SW42300 40 PM

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XLLOGBJ  
XLLUGBJ

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

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

6/7 Monalbite: 980°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	REFINE	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							
REFINE	21574	5726	REFINE	05/14/76	RUN	F	EB	74 B	646X I
BODANI	27522	1147	REFINE	05/14/76	RUN	F	EB	74 B	646X I
ELVIB1	30671	1312	REFINE	05/14/76	RUN	F	EB	74 B	646X I
INPUT	32203	241	REFINE	05/14/76	RUN	F	EB	74 B	646X I
MATRIX	32444	231	REFINE	05/14/76	RUN	F	EB	74 B	646X I
MODIFY	32675	115	REFINE	05/14/76	RUN	F	EB	74 B	646X I
RCALC	33012	152	REFINE	05/14/76	RUN	F	EB	74 B	646X I
RESET	33164	73	REFINE	05/14/76	RUN	F	EB	74 B	646X I
SFAC	33257	476	REFINE	05/14/76	RUN	F	EB	74 B	646X I
SYMINV	33755	361	REFINE	05/14/76	RUN	F	EB	74 B	646X I
WEIGHT	34336	12	REFINE	05/14/76	RUN	F	EB	74 B	646X I
ASINCO5	34350	136	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
EXP	34506	55	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SINCO5	34563	72	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SQRT	34655	44	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
ACGDER	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		
REWIND	42053	63	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SYSTEM	42136	1122	SL-RUN2P3	03/04/75	COMPASS	3.	74190		
SYSTEM	43260	31463	SL-RUN2P3						

LOAD MAP - REFINE

CYBER LOADER 1.3-460

03/16/78 08.29.48.

PAGE .2

.724 CP SECONDS

57300B CM STORAGE USED

2 TABLE MOVES

LABELS AND CYCLES AT INPUT

MONAI

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	-18	0	10.295	10.570	10.567	.229	-.275	-.7609	1.0000
0	-18	1	7.476	6.287	-6.287	-.094	1.189	2.4836	1.0000
0	-16	0	27.625	28.449	28.447	.321	-.824	-4.8384	1.0000
0	-16	1	6.780	6.018	-6.018	-.071	.762	1.5082	1.0000
0	-16	2	17.785	16.521	-16.520	-.196	1.265	5.7428	1.0000
0	-16	3	7.420	6.478	6.477	.090	.942	2.0312	1.0000
0	-16	4	2.804 *	2.270	2.270	-.002	.534	.4251	1.0000
0	-14	0	28.145	30.496	-30.491	-.540	-2.351	-11.4362	1.0000
0	-14	1	7.740	7.191	7.191	.081	.549	1.2810	1.0000
0	-14	2	22.695	21.749	21.746	.358	.946	5.3697	1.0000
0	-14	3	2.111 *	2.137	-2.135	-.076	-.025	-.0169	1.0000
0	-14	4	2.340 *	.220	.211	-.064	2.120	1.4950	1.0000
0	-14	5	8.298	8.115	-8.114	-.127	.184	.4432	1.0000
0	-12	0	16.693	18.063	-18.063	-.085	-1.370	-6.3056	1.0000
0	-12	1	19.973	18.690	18.689	.215	1.283	5.2633	1.0000
0	-12	2	6.683	7.344	-7.343	-.089	-.660	-1.3076	1.0000
0	-12	3	27.340	27.012	-27.009	-.381	.328	1.0965	1.0000
0	-12	4	21.820	21.413	21.411	.322	.407	2.2331	1.0000
0	-12	5	5.306	5.536	5.533	.183	-.230	-.3742	1.0000
0	-12	6	12.615	12.248	-12.245	-.259	.367	1.2748	1.0000
0	-10	0	40.181	47.271	47.269	.357	-7.090	-14.4575	1.0000
0	-10	1	18.525	18.004	-18.004	-.177	.521	1.1683	1.0000
0	-10	2	34.214	34.679	-34.679	-.177	-.465	-.9829	1.0000
0	-10	3	16.916	16.619	16.618	.166	.298	1.1655	1.0000
0	-10	4	5.265	2.517	-2.516	-.081	2.748	4.3932	1.0000
0	-10	5	3.949 *	4.673	-4.673	.016	-.724	-.8708	1.0000
0	-10	6	2.352 *	2.119	2.116	.106	.233	.1674	1.0000
0	-10	7	7.875	7.579	7.578	-.142	.296	.6725	1.0000
0	-8	0	37.659	40.617	40.617	.056	-2.958	-6.2966	1.0000
0	-8	1	40.175	37.362	-37.360	-.324	2.814	5.4752	1.0000
0	-8	2	30.629	30.008	30.008	.228	.621	1.2965	1.0000
0	-8	3	62.436	60.796	60.793	.611	1.640	2.3170	1.0000
0	-8	4	50.940	49.647	-49.644	-.562	1.293	2.3176	1.0000
0	-8	5	16.658	15.765	-15.762	-.340	.893	4.1083	1.0000
0	-8	6	27.003	27.354	27.350	.420	-.351	-1.4230	1.0000
0	-8	7	6.301	7.309	7.309	.056	-1.008	-1.8554	1.0000
0	-8	8	3.318 *	3.262	-3.261	-.062	.056	.0507	1.0000
0	-6	0	92.789	100.374	100.373	.398	-7.585	-16.5585	1.0000
0	-6	1	36.358	35.222	35.221	.230	1.136	2.6491	1.0000
0	-6	2	68.587	67.907	-67.905	-.411	.681	1.2596	1.0000
0	-6	3	34.790	34.581	-34.578	-.419	.209	.4130	1.0000
0	-6	4	56.598	55.944	55.942	.426	.654	.8950	1.0000
0	-6	5	23.852	23.735	23.735	.311	.115	.3445	1.0000
0	-6	6	22.437	22.190	-22.188	-.281	.247	1.2169	1.0000
0	-6	7	8.862	8.729	-8.727	-.187	.133	.3529	1.0000
0	-6	8	3.509 *	4.123	4.123	.058	-.614	-.6435	1.0000
0	-4	0	132.984	149.189	-149.187	-.668	-16.205	-45.6086	1.0000
0	-4	1	56.495	55.471	55.471	.378	1.023	2.3704	1.0000
0	-4	2	13.460	14.197	14.192	.356	-.736	-2.0225	1.0000
0	-4	3	56.278	56.334	-56.332	-.521	-.056	-.0974	1.0000
0	-4	4	20.490	19.932	19.932	.205	.557	1.1929	1.0000
0	-4	5	28.295	29.089	-29.089	.023	-.794	-1.8406	1.0000
0	-4	6	17.204	16.757	-16.754	-.281	.448	2.0878	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	-4	7	17.832	18.514	18.512	.299	-.682	-3.2699	1.0000
0	-4	8	2.405 *	2.224	-2.224	.003	.181	.1291	1.0000
0	-2	0	37.700	41.482	-41.482	-.198	-3.783	-13.7060	1.0000
0	-2	1	6.495	5.557	-5.557	-.022	.939	.8302	1.0000
0	-2	2	51.474	51.635	51.634	.329	-.161	-.3597	1.0000
0	-2	3	20.578	20.743	20.742	.181	-.165	-.4487	1.0000
0	-2	4	50.306	47.981	-47.980	-.344	2.325	3.5028	1.0000
0	-2	5	28.662	27.635	-27.634	-.244	1.027	2.1590	1.0000
0	-2	6	17.028	17.298	17.297	.162	-.270	-1.2610	1.0000
0	-2	7	13.581	13.754	13.753	.182	-.174	-.6715	1.0000
0	-2	8	3.274 *	4.106	-4.106	-.040	-.832	-.7615	1.0000
0	0	1	33.495	31.073	-31.072	-.158	2.422	8.4169	1.0000
0	0	2	177.567	180.583	-180.581	-.886	-3.016	-8.5597	1.0000
0	0	3	42.612	41.359	41.359	.220	1.253	2.2700	1.0000
0	0	4	36.795	35.459	35.459	.034	1.336	2.4997	1.0000
0	0	5	42.577	45.577	45.576	.246	-3.000	-5.1082	1.0000
0	0	6	3.162 *	4.278	-4.276	.138	-1.116	-1.0051	1.0000
0	0	7	31.284	32.171	-32.166	-.578	-.887	-3.0827	1.0000
0	0	8	6.712	7.866	7.866	.048	-1.154	-2.2450	1.0000
0	0	9	21.166	21.174	21.170	.407	.012	.0592	1.0000
1	-17	-3	11.364	10.727	-10.725	-.202	.637	1.9547	1.0000
1	-17	-2	3.183 *	2.596	2.595	.056	.587	.5001	1.0000
1	-17	-1	7.200	6.843	-6.842	-.103	.357	.7365	1.0000
1	-17	0	6.660	6.121	6.120	.115	.538	1.0354	1.0000
1	-17	1	14.532	13.832	13.830	.253	.700	2.6195	1.0000
1	-17	2	20.364	18.080	-18.677	-.341	1.683	7.9611	1.0000
1	-15	-5	3.497 *	2.488	2.487	-.080	1.009	1.0049	1.0000
1	-15	-4	9.191	8.297	-8.297	-.071	.894	2.3596	1.0000
1	-15	-3	8.548	7.387	7.387	.066	1.160	2.9058	1.0000
1	-15	-2	13.780	12.936	12.936	.094	.844	3.2290	1.0000
1	-15	-1	2.716 *	3.401	-3.401	-.022	-.685	-.5490	1.0000
1	-15	0	12.306	13.032	-13.032	-.119	-.726	-2.5490	1.0000
1	-15	1	4.026 *	4.436	4.436	-.015	-.410	-.5028	1.0000
1	-15	2	16.482	15.067	15.066	.122	1.415	6.0987	1.0000
1	-15	3	4.017 *	2.715	-2.715	.030	1.302	1.5556	1.0000
1	-15	4	6.254	5.850	-5.849	-.086	.404	.7287	1.0000
1	-13	-6	10.107	9.658	9.657	.164	.449	1.2732	1.0000
1	-13	-5	20.742	20.291	-20.288	-.344	.451	2.2593	1.0000
1	-13	-4	7.922	7.613	7.613	.051	.309	.7418	1.0000
1	-13	-3	13.722	13.362	13.360	.225	.360	1.3924	1.0000
1	-13	-2	15.428	15.430	-15.428	-.228	-.002	-.0100	1.0000
1	-13	-1	13.909	13.907	13.905	.204	.003	.0098	1.0000
1	-13	0	3.697 *	2.224	2.224	-.015	1.473	1.6028	1.0000
1	-13	1	21.635	20.975	-20.972	-.381	.660	3.0357	1.0000
1	-13	2	20.425	19.403	19.399	.371	1.022	5.3569	1.0000
1	-13	3	8.733	8.116	8.115	.116	.617	1.6158	1.0000
1	-13	4	18.781	17.532	-17.529	-.339	1.249	5.9894	1.0000
1	-13	5	8.460	8.086	8.085	.125	.374	.9029	1.0000
1	-11	-7	12.761	12.986	-12.985	-.199	-.225	-.7823	1.0000
1	-11	-6	4.252 *	3.031	-3.029	-.104	1.221	1.5929	1.0000
1	-11	-5	8.114	9.107	9.105	.178	.008	.0214	1.0000
1	-11	-4	9.552	9.717	9.713	.283	-.165	-.4542	1.0000
1	-11	-3	22.325	21.034	-21.034	-.154	1.291	5.2324	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-11	-2	19.251	18.679	-18.674	-.426	.571	2.3164	1.0000
1	-11	-1	7.006	6.945	6.943	.133	.061	.1197	1.0000
1	-11	0	13.419	12.664	12.657	.424	.755	2.6504	1.0000
1	-11	1	2.607 *	3.879	-3.879	-.035	-1.272	-.9416	1.0000
1	-11	2	24.633	22.902	-22.900	-.306	1.731	5.7219	1.0000
1	-11	3	11.243	10.502	-10.501	-.133	.741	2.3812	1.0000
1	-11	4	4.892	5.962	5.959	.192	-1.070	-1.5571	1.0000
1	-11	5	13.830	14.406	14.404	.234	-.576	-2.1782	1.0000
1	-11	6	6.392	7.430	-7.429	-.124	.962	2.2905	1.0000
1	-9	-8	9.531	9.570	9.569	.151	-.038	-.1020	1.0000
1	-9	-7	3.958 *	4.275	4.273	.130	-.317	-.3467	1.0000
1	-9	-6	2.108 *	1.293	-1.292	-.057	.815	.5411	1.0000
1	-9	-5	13.120	11.976	11.975	.112	1.144	4.2344	1.0000
1	-9	-4	45.061	44.274	-44.272	-.425	.787	1.6544	1.0000
1	-9	-3	7.124	7.467	7.467	-.017	-.344	-.6503	1.0000
1	-9	-2	74.031	73.546	73.541	.818	.466	.7319	1.0000
1	-9	-1	35.765	37.389	-37.387	-.370	-1.624	-3.2729	1.0000
1	-9	0	50.949	52.827	-52.824	-.543	-1.878	-3.7189	1.0000
1	-9	1	37.761	37.172	37.170	.410	.589	1.1948	1.0000
1	-9	2	11.660	11.822	11.822	-.000	-.161	-.3310	1.0000
1	-9	3	9.144	9.322	-9.321	.064	-.176	-.4555	1.0000
1	-9	4	7.473	7.587	7.586	.091	-.114	-.2478	1.0000
1	-9	5	24.551	23.967	-23.963	-.439	.583	3.1046	1.0000
1	-9	6	5.541	4.893	4.891	.135	.648	1.0709	1.0000
1	-9	7	20.299	19.934	19.931	.343	.365	1.7274	1.0000
1	-7	-6	10.125	10.095	10.094	.085	.030	.0857	1.0000
1	-7	-7	2.299 *	2.227	-2.227	-.040	.072	.0516	1.0000
1	-7	-6	7.047	7.062	-7.062	-.084	-.015	-.0316	1.0000
1	-7	-5	20.877	20.781	20.780	.154	.097	.3227	1.0000
1	-7	-4	5.506	1.501	1.498	-.085	4.005	5.9820	1.0000
1	-7	-3	21.247	20.350	20.350	-.086	.897	1.9337	1.0000
1	-7	-2	10.403	12.484	12.482	.242	-2.081	-4.7554	1.0000
1	-7	-1	11.399	12.754	-12.754	-.078	-1.355	-3.1190	1.0000
1	-7	0	26.800	24.472	24.472	-.080	2.328	5.7453	1.0000
1	-7	1	38.722	37.826	37.826	.168	.895	1.8366	1.0000
1	-7	2	9.111	8.086	-8.084	-.181	1.026	1.8983	1.0000
1	-7	3	21.670	19.884	-19.884	-.039	1.766	3.8987	1.0000
1	-7	4	26.222	27.879	27.878	.170	-1.657	-4.1807	1.0000
1	-7	5	3.339 *	1.193	1.188	-.113	2.144	1.8641	1.0000
1	-7	6	2.998 *	2.544	-2.543	-.015	.424	.4195	1.0000
1	-7	7	8.069	7.714	7.713	.084	.356	.8126	1.0000
1	-5	-9	18.091	18.223	18.220	.305	-.132	-.5760	1.0000
1	-5	-8	16.361	16.813	-16.812	-.163	-.452	-1.9239	1.0000
1	-5	-7	10.609	11.459	-11.458	-.174	-.850	-2.6325	1.0000
1	-5	-6	11.455	11.249	11.249	.038	.205	.6724	1.0000
1	-5	-5	13.951	13.431	-13.430	-.108	.520	1.4388	1.0000
1	-5	-4	26.125	23.486	23.481	.501	2.638	5.9504	1.0000
1	-5	-3	18.285	19.060	-19.060	.034	-.775	-1.9707	1.0000
1	-5	-2	15.281	19.050	-19.030	-.876	-3.769	-9.4382	1.0000
1	-5	-1	41.314	44.716	44.713	.473	-3.401	-6.3644	1.0000
1	-5	0	11.017	7.992	-7.967	.634	3.025	6.4790	1.0000
1	-5	1	36.490	38.950	-38.946	-.515	-2.460	-5.9833	1.0000
1	-5	2	8.043	5.089	-5.088	-.110	2.954	6.2482	1.0000

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H	K	L	F (OBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-5	3	12.741	11.083	-11.082	-.119	1.658	3.0853	1.0000
1	-5	4	23.561	21.695	-21.695	-.062	1.866	4.2369	1.0000
1	-5	5	41.837	41.980	41.977	.533	-.143	-.3068	1.0000
1	-5	6	4.777	4.574	-4.572	-.153	.203	.2886	1.0000
1	-5	7	31.645	31.695	-31.692	-.407	-.050	-.1918	1.0000
1	-5	8	13.281	13.150	13.148	.214	.131	.4514	1.0000
1	-3	-9	8.319	8.006	-8.004	-.164	.313	.7251	1.0000
1	-3	-8	17.859	17.991	-17.990	-.196	-.132	-.6089	1.0000
1	-3	-7	24.906	25.312	25.308	.402	-.405	-1.8657	1.0000
1	-3	-6	24.043	24.013	24.010	.340	.030	.1011	1.0000
1	-3	-5	63.061	65.971	-65.968	-.660	-2.910	-4.1125	1.0000
1	-3	-4	29.419	29.852	-29.850	-.265	-.432	-.9319	1.0000
1	-3	-3	4.804	6.606	6.586	.514	-1.802	-3.3725	1.0000
1	-3	-2	54.364	54.716	54.715	.301	-.353	-.7800	1.0000
1	-3	-1	25.532	28.016	28.016	.164	-2.484	-4.4068	1.0000
1	-3	0	99.069	99.868	-99.866	-.525	-.798	-2.2652	1.0000
1	-3	1	91.262	90.795	-90.793	-.528	.467	1.2041	1.0000
1	-3	2	15.269	17.565	17.550	.736	-2.296	-5.9690	1.0000
1	-3	3	40.742	38.828	38.827	.276	1.914	3.9992	1.0000
1	-3	4	56.102	56.818	-56.814	-.648	-.716	-.9995	1.0000
1	-3	5	14.544	14.911	-14.911	-.093	-.367	-1.1579	1.0000
1	-3	6	9.931	10.558	10.556	.227	-.627	-1.7513	1.0000
1	-3	7	3.195	3.410	3.406	.145	-.215	-.1988	1.0000
1	-3	8	5.564	6.095	6.095	.043	-.531	-.8148	1.0000
1	-1	-9	2.179	.313	.313	.004	1.866	1.1988	1.0000
1	-1	-8	17.245	18.643	18.642	.213	-1.398	-6.3475	1.0000
1	-1	-7	18.828	19.582	-19.561	-.238	-.755	-3.7243	1.0000
1	-1	-6	16.948	17.396	-17.394	-.291	-.450	-1.6494	1.0000
1	-1	-5	54.775	55.876	55.874	.503	-1.102	-1.5067	1.0000
1	-1	-4	15.375	15.277	-15.277	-.010	.098	.2479	1.0000
1	-1	-3	28.027	24.339	24.337	-.303	3.688	8.7231	1.0000
1	-1	-2	63.205	62.022	62.021	.331	1.183	2.9615	1.0000
1	-1	-1	31.804	30.834	-30.834	-.146	.969	2.9739	1.0000
1	-1	0	21.057	20.859	20.858	.097	.198	.6606	1.0000
1	-1	1	80.500	78.479	78.478	.386	2.021	5.5966	1.0000
1	-1	2	26.779	30.153	-30.145	-.697	-3.374	-7.2717	1.0000
1	-1	3	64.870	62.050	-62.049	-.207	2.820	5.2194	1.0000
1	-1	4	56.580	55.711	55.708	.549	.870	1.2549	1.0000
1	-1	5	10.483	10.048	10.048	-.106	.434	1.1930	1.0000
1	-1	6	8.383	7.634	-7.634	-.097	.749	1.8221	1.0000
1	-1	7	6.090	6.581	6.580	.051	-.491	-.8886	1.0000
1	-1	8	9.041	8.548	-8.547	-.120	.493	1.2443	1.0000
2	-16	-1	10.986	11.079	11.077	.191	-.091	-.2653	1.0000
2	-16	-4	17.815	16.671	16.670	.234	1.143	4.9927	1.0000
2	-16	-3	10.125	10.430	-10.429	-.168	-.306	-.8608	1.0000
2	-16	-2	15.762	15.809	-15.809	-.175	-.047	-.1935	1.0000
2	-16	-1	15.125	15.666	15.665	.191	-.541	-2.1426	1.0000
2	-16	0	2.167	2.694	2.694	.007	-.527	-.3412	1.0000
2	-16	1	2.167	2.209	-2.209	-.003	-.042	-.0274	1.0000
2	-16	2	3.256	.330	.329	.024	2.926	2.7005	1.0000
2	-16	3	9.702	8.632	-8.631	-.174	1.069	2.8231	1.0000
2	-14	-6	9.085	8.622	8.620	.170	.463	1.1860	1.0000
2	-14	-5	6.066	5.800	-5.798	-.118	.267	.4784	1.0000

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H	K	L	F (OBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-14	-4	20.842	20.359	-20.355	-.372	.484	2.4956	1.0000
2	-14	-3	21.112	20.664	20.662	.298	.448	2.3857	1.0000
2	-14	-2	21.474	22.501	22.499	.313	-1.027	-5.5543	1.0000
2	-14	-1	15.331	16.534	-16.531	-.296	-1.203	-4.9972	1.0000
2	-14	0	4.936	6.221	-6.220	-.104	-1.285	-1.9272	1.0000
2	-14	1	2.120 *	1.587	-1.587	-.004	.533	.3516	1.0000
2	-14	2	7.411	7.727	7.727	.074	-.316	-.6991	1.0000
2	-14	3	21.723	20.715	20.715	.263	1.007	5.1170	1.0000
2	-14	4	14.077	13.007	-13.006	-.200	1.069	3.9160	1.0000
2	-12	-7	16.300	15.856	-15.853	-.300	.443	1.8191	1.0000
2	-12	-6	2.149 *	.492	-.490	.038	1.658	1.0795	1.0000
2	-12	-5	19.776	18.987	18.985	.250	.790	4.0132	1.0000
2	-12	-4	10.950	10.094	-10.093	-.120	.856	2.7495	1.0000
2	-12	-3	3.961 *	3.992	-3.992	.058	-.031	-.0358	1.0000
2	-12	-2	2.367 *	4.570	-4.568	-.116	-2.203	-1.5534	1.0000
2	-12	-1	17.280	18.418	-18.417	-.229	-1.138	-5.3088	1.0000
2	-12	0	34.890	35.514	35.511	.461	-.625	-1.7439	1.0000
2	-12	1	6.621	4.885	-4.885	.036	1.736	3.3790	1.0000
2	-12	2	34.784	32.918	-32.915	-.459	1.866	5.7248	1.0000
2	-12	3	15.874	15.355	15.354	.160	.519	2.2646	1.0000
2	-12	4	2.766 *	2.837	2.834	.145	-.071	-.0557	1.0000
2	-12	5	3.054 *	2.559	-2.559	-.067	.494	.4106	1.0000
2	-10	-8	3.060 *	1.965	-1.965	-.048	1.094	.9024	1.0000
2	-10	-7	2.149 *	1.861	1.860	.074	.288	.1882	1.0000
2	-10	-6	14.826	14.766	-14.765	-.116	.060	.2459	1.0000
2	-10	-5	2.405 *	.684	-.684	-.018	1.721	1.2442	1.0000
2	-10	-4	30.080	30.612	30.611	.267	-.532	-1.5353	1.0000
2	-10	-3	27.672	28.626	-28.626	-.183	-.954	-2.7301	1.0000
2	-10	-2	32.699	36.607	-36.607	-.145	-3.908	-8.8142	1.0000
2	-10	-1	27.437	31.173	31.172	.227	-3.735	-8.1544	1.0000
2	-10	0	4.663 *	4.123	4.121	-.112	.540	.6762	1.0000
2	-10	1	19.198	18.425	-18.425	.007	.773	2.1410	1.0000
2	-10	2	2.152 *	2.924	-2.922	.118	-.772	-.5017	1.0000
2	-10	3	13.657	12.016	-12.014	-.219	1.641	6.2805	1.0000
2	-10	4	8.345	7.824	7.824	.070	.521	1.2863	1.0000
2	-10	5	7.244	6.128	6.126	.165	1.116	2.3752	1.0000
2	-10	6	10.298	10.623	-10.622	-.137	-.325	-9.152	1.0000
2	-8	-8	3.888 *	4.690	-4.688	-.142	-.802	-8.592	1.0000
2	-8	-7	34.094	33.695	33.691	.511	.399	1.5111	1.0000
2	-8	-6	7.150	7.068	7.068	-.014	.082	.1765	1.0000
2	-8	-5	41.411	39.538	-39.535	-.432	1.874	4.3405	1.0000
2	-8	-4	11.945	11.056	11.056	.113	.889	2.6783	1.0000
2	-8	-3	16.972	17.524	17.524	-.040	-.552	-1.1750	1.0000
2	-8	-2	29.384	31.896	31.895	.276	-2.512	-5.2172	1.0000
2	-8	-1	38.543	43.173	43.172	.316	-4.631	-10.1740	1.0000
2	-8	0	103.633	108.129	-108.126	-.836	-4.497	-7.6958	1.0000
2	-8	1	3.142 *	2.929	2.928	-.095	.213	.1709	1.0000
2	-8	2	97.989	98.016	96.013	.785	-.027	-.0414	1.0000
2	-8	3	19.398	18.255	-18.254	-.170	1.142	3.7411	1.0000
2	-8	4	21.711	20.492	-20.491	-.256	1.219	6.2911	1.0000
2	-8	5	2.132 *	.950	-.950	.033	1.181	.7752	1.0000
2	-8	6	3.899 *	3.490	-3.489	-.075	.410	.4732	1.0000
2	-8	7	14.699	13.586	13.584	.223	1.113	4.1664	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-6	-9	14.191	12.944	12.942	.241	1.247	4.5675	1.0000
2	-6	-8	9.793	8.571	8.570	.076	1.222	3.3562	1.0000
2	-6	-7	24.375	24.538	-24.535	-.400	-.163	-.9419	1.0000
2	-6	-6	11.792	12.052	-12.052	-.097	-.260	-.8684	1.0000
2	-6	-5	37.154	37.576	37.574	.396	-.422	-.9154	1.0000
2	-6	-4	33.800	34.077	34.076	.185	-.276	-.5600	1.0000
2	-6	-3	9.452	10.082	-10.081	-.142	-.651	-1.3272	1.0000
2	-6	-2	46.095	50.687	-50.685	-.418	-4.592	-8.7854	1.0000
2	-6	-1	6.989	2.544	2.542	-.083	4.445	4.9145	1.0000
2	-6	0	69.815	74.046	74.043	.599	-4.231	-8.0503	1.0000
2	-6	1	4.296	4.299	-4.299	.020	-.003	-.0046	1.0000
2	-6	2	52.564	52.146	-52.143	.001	-.383	-.8627	1.0000
2	-6	3	14.265	14.647	14.647	.317	.748	2.1049	1.0000
2	-6	4	26.750	26.002	26.000	.132	.332	.7786	1.0000
2	-6	5	8.081	7.749	7.748	.132	.332	.7786	1.0000
2	-6	6	2.138	2.513	-2.511	-.089	-.375	-.2480	1.0000
2	-6	7	12.377	12.601	-12.599	-.227	-.225	-.7500	1.0000
2	-4	-9	2.246	.537	-.536	.017	1.710	1.1373	1.0000
2	-4	-8	2.229	3.580	3.580	.133	-1.354	-.9238	1.0000
2	-4	-7	16.966	17.474	-17.472	-.233	-.507	-2.3043	1.0000
2	-4	-6	2.155	.741	.700	.242	1.414	.9173	1.0000
2	-4	-5	22.956	23.279	23.279	.103	-.323	-.7139	1.0000
2	-4	-4	47.748	48.962	-48.959	-.548	-1.214	-2.0773	1.0000
2	-4	-3	12.424	10.675	-10.664	.481	1.748	4.4106	1.0000
2	-4	-2	11.842	12.928	12.925	.260	-1.085	-2.8433	1.0000
2	-4	-1	79.675	89.561	-89.559	-.702	-9.886	-23.0611	1.0000
2	-4	0	60.318	60.976	60.975	.242	-.657	-1.3987	1.0000
2	-4	1	64.497	60.693	-60.693	.034	3.804	7.6199	1.0000
2	-4	2	71.750	68.761	-68.760	-.327	2.988	5.3285	1.0000
2	-4	3	74.272	74.026	74.024	.505	.246	.3810	1.0000
2	-4	4	20.117	21.442	-21.442	-.101	-1.325	-3.4183	1.0000
2	-4	5	25.382	26.504	-26.501	-.350	-1.122	-4.1077	1.0000
2	-4	6	16.896	16.848	16.845	.335	.048	.2166	1.0000
2	-4	7	2.980	2.199	-2.199	-.002	.782	.6672	1.0000
2	-2	-9	11.002	11.031	-11.030	-.180	-.029	-.0864	1.0000
2	-2	-8	5.103	4.137	-4.137	-.045	.966	1.5309	1.0000
2	-2	-7	18.555	19.037	19.035	.269	-.482	-2.3455	1.0000
2	-2	-6	8.695	8.987	8.987	.103	-.293	-.6921	1.0000
2	-2	-5	23.620	23.447	-23.445	-.264	.173	.3761	1.0000
2	-2	-4	18.282	18.697	-18.697	-.151	-.416	-1.0037	1.0000
2	-2	-3	15.727	16.454	16.452	.214	-.727	-1.9485	1.0000
2	-2	-2	45.933	47.389	47.388	.321	-1.455	-3.1171	1.0000
2	-2	-1	16.514	17.963	-17.962	-.147	-1.449	-2.4794	1.0000
2	-2	0	114.682	113.472	-113.471	-.574	1.210	3.3231	1.0000
2	-2	1	28.480	28.516	-28.516	-.073	-.036	-.0816	1.0000
2	-2	2	71.177	70.215	70.213	.450	.962	1.8621	1.0000
2	-2	3	20.184	18.714	18.713	.138	1.471	3.2108	1.0000
2	-2	4	29.387	29.288	-29.287	-.217	.099	.2074	1.0000
2	-2	5	12.171	12.355	-12.354	-.145	-.184	-.6328	1.0000
2	-2	6	10.674	10.175	10.175	.095	.499	1.5296	1.0000
2	-2	7	10.248	10.046	10.044	.169	.202	.5790	1.0000
2	-2	8	4.020	3.974	-3.974	-.032	.046	.0410	1.0000
2	0	-9	12.529	12.275	12.273	.198	.255	.8595	1.0000

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
2	0	-8	5.309	4.867	4.865	-.111	.442	.7208		1.0000
2	0	-7	4.701	2.400	-2.400	-.050	2.301	3.1852		1.0000
2	0	-6	33.451	32.165	-32.163	-.429	1.286	2.7708		1.0000
2	0	-5	16.147	13.673	13.671	.243	2.474	5.2988		1.0000
2	0	-4	151.947	153.657	153.653	1.002	-1.709	-3.4651		1.0000
2	0	-3	13.554	20.670	-20.658	-.698	-7.116	-16.9468	*	1.0000
2	0	-2	158.105	159.355	-159.354	-.774	-1.251	-3.5494		1.0000
2	0	-1	150.641	146.861	146.859	.674	3.780	12.0297		1.0000
2	0	0	3.245	1.895	-1.895	.004	1.350	.5820	*	1.0000
2	0	1	10.409	9.076	9.075	-.065	1.334	2.3908		1.0000
2	0	2	33.366	29.501	29.501	-.003	3.861	8.4378		1.0000
2	0	3	54.604	53.983	-53.979	-.616	.621	.9576		1.0000
2	0	4	63.099	63.910	63.908	.466	-.811	-1.1319		1.0000
2	0	5	36.519	36.933	36.928	.606	-.413	-.9383		1.0000
2	0	6	29.631	29.920	-29.916	-.537	-.290	-1.0960		1.0000
2	0	7	8.104	7.614	-7.611	-.207	.491	1.1525		1.0000
2	0	8	10.177	9.766	9.764	.219	.411	1.1197		1.0000
3	-17	-3	5.197	5.024	5.024	.086	.173	.2563		1.0000
3	-17	-2	19.791	20.834	-20.831	-.344	-1.043	-4.8657		1.0000
3	-17	-1	2.766	1.714	1.713	.054	1.052	.8107	*	1.0000
3	-17	0	21.350	21.139	21.136	.372	.211	1.0254		1.0000
3	-17	1	10.474	9.412	-9.410	-.158	1.062	2.9888		1.0000
3	-15	-5	6.806	6.673	-6.673	-.076	.134	.2584		1.0000
3	-15	-4	5.882	6.406	-6.406	-.062	-.524	-.8797		1.0000
3	-15	-3	9.502	9.366	9.366	.073	.136	.3703		1.0000
3	-15	-2	12.048	12.807	12.807	.103	-.759	-2.5597		1.0000
3	-15	-1	7.309	7.828	-7.827	-.066	-.519	-1.1190		1.0000
3	-15	0	10.603	10.309	-10.308	-.107	.295	.8876		1.0000
3	-15	1	7.646	8.186	8.186	.035	-.540	-1.1708		1.0000
3	-15	2	7.009	6.283	6.282	.084	.726	1.4724		1.0000
3	-15	3	2.193	.020	.013	.015	2.174	1.3863	*	1.0000
3	-13	-7	7.737	8.106	8.105	.147	-.369	-.7908		1.0000
3	-13	-6	11.490	10.919	-10.918	-.173	.571	1.8172		1.0000
3	-13	-5	9.540	8.833	8.832	.109	.708	1.9593		1.0000
3	-13	-4	3.944	1.158	-1.158	-.037	2.785	3.4122	*	1.0000
3	-13	-3	12.629	13.648	-13.645	-.240	-1.018	-3.6505		1.0000
3	-13	-2	21.491	23.430	23.426	.404	-1.939	-10.4802		1.0000
3	-13	-1	4.510	2.184	-2.184	-.011	2.326	3.1818		1.0000
3	-13	0	18.097	17.973	-17.968	-.421	.124	.5936		1.0000
3	-13	1	16.074	16.431	16.429	.274	-.358	-1.5620		1.0000
3	-13	2	2.120	.699	-.696	.066	1.421	.9377	*	1.0000
3	-13	3	7.711	7.837	-7.836	-.151	-.126	-.2792		1.0000
3	-13	4	13.457	12.591	12.590	.160	.866	3.0717		1.0000
3	-11	-7	14.649	13.654	-13.653	-.218	.995	3.8513		1.0000
3	-11	-6	12.421	11.937	-11.936	-.161	.483	1.6801		1.0000
3	-11	-5	18.364	17.879	17.877	.294	.485	2.3573		1.0000
3	-11	-4	10.782	11.203	11.201	.249	-.421	-1.2805		1.0000
3	-11	-3	16.720	17.842	-17.839	-.282	-1.122	-5.0953		1.0000
3	-11	-2	23.676	26.180	-26.179	-.276	-2.505	-9.2713		1.0000
3	-11	-1	2.149	3.692	-3.690	.123	-1.543	-1.0045	*	1.0000
3	-11	0	24.154	24.688	24.688	.291	-.535	-2.0956		1.0000
3	-11	1	7.156	6.494	6.494	.074	.662	1.3828		1.0000
3	-11	2	23.608	23.472	-23.470	-.307	.136	.6272		1.0000

H	K	L	F (OBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	-11	3	16.229	18.209	-16.209	-.160	.019	.0931	1.0000
3	-11	4	17.345	16.564	16.562	.267	.781	3.5008	1.0000
3	-11	5	10.089	9.412	9.411	.145	.677	1.8900	1.0000
3	-9	-6	10.503	9.610	-9.609	-.130	.893	2.6221	1.0000
3	-9	-7	9.784	10.305	10.304	.141	-.522	-1.4679	1.0000
3	-9	-6	30.391	31.253	31.250	.391	-.862	-3.1894	1.0000
3	-9	-5	46.027	46.360	-46.357	-.501	-.332	-.7117	1.0000
3	-9	-4	19.374	20.671	-20.669	-.283	-1.297	-5.1341	1.0000
3	-9	-3	50.846	54.827	54.824	.600	-3.981	-7.0616	1.0000
3	-9	-2	7.276	4.913	-4.912	-.076	2.363	4.5992	1.0000
3	-9	-1	18.282	19.256	-19.255	-.140	-.974	-2.4219	1.0000
3	-9	0	5.045	2.726	-2.726	.048	2.219	3.0370	1.0000
3	-9	1	15.856	13.947	-13.942	-.366	1.910	5.7044	1.0000
3	-9	2	24.052	22.601	22.598	.373	1.451	5.1464	1.0000
3	-9	3	23.984	22.121	22.118	.350	1.864	7.9329	1.0000
3	-9	4	30.492	30.479	-30.475	-.526	-.388	-1.5001	1.0000
3	-9	5	6.563	5.455	-5.455	-.048	1.108	2.1434	1.0000
3	-9	6	16.200	15.412	15.409	.261	.788	3.1956	1.0000
3	-7	-9	6.002	5.994	5.993	.074	.008	.0142	1.0000
3	-7	-8	2.164	2.765	-2.764	-.062	-.601	-.3891	1.0000
3	-7	-7	2.123	1.958	1.958	.045	.165	.1086	1.0000
3	-7	-6	20.531	20.601	20.600	.146	-.070	-.3668	1.0000
3	-7	-5	13.073	12.755	-12.754	-.095	.318	1.11403	1.0000
3	-7	-4	6.387	4.455	4.455	-.051	1.932	3.0457	1.0000
3	-7	-3	21.782	21.472	21.471	.143	.310	.7187	1.0000
3	-7	-2	6.163	5.796	-5.793	-.184	.368	.4655	1.0000
3	-7	-1	11.387	10.436	10.436	-.004	.951	2.6032	1.0000
3	-7	0	16.241	20.554	20.553	.199	-4.313	-8.6407	1.0000
3	-7	1	2.223	.177	.067	-.164	2.046	1.2878	1.0000
3	-7	2	3.703	4.323	-4.323	.022	-.620	-.6016	1.0000
3	-7	3	24.257	23.566	23.566	.119	.691	2.0462	1.0000
3	-7	4	2.176	1.198	-1.191	-.126	.978	.6298	1.0000
3	-7	5	3.192	3.214	-3.214	.011	-.023	-.0214	1.0000
3	-7	6	4.040	4.809	4.810	.054	-.769	-.8316	1.0000
3	-5	-9	2.654	.771	-.771	.029	1.883	1.4252	1.0000
3	-5	-8	6.533	7.252	7.250	.155	-.719	-1.4064	1.0000
3	-5	-7	13.446	13.300	-13.299	-.182	.145	.5436	1.0000
3	-5	-6	33.648	33.341	-33.338	-.453	.307	.8426	1.0000
3	-5	-5	50.397	51.363	51.363	.587	-.970	-1.7203	1.0000
3	-5	-4	8.239	5.132	5.120	.351	3.108	5.2137	1.0000
3	-5	-3	49.742	52.160	-52.155	-.717	-2.418	-4.4758	1.0000
3	-5	-2	7.681	.098	-.091	-.036	7.583	18.5800	1.0000
3	-5	-1	31.739	30.393	-30.393	.117	1.346	3.3215	1.0000
3	-5	0	14.321	13.961	13.961	.042	.360	.9491	1.0000
3	-5	1	57.552	56.384	56.382	.505	1.168	1.8500	1.0000
3	-5	2	28.101	27.268	-27.265	-.408	.833	1.6987	1.0000
3	-5	3	48.432	49.331	-49.329	-.425	-.899	-1.5456	1.0000
3	-5	4	40.560	39.286	39.282	.584	1.273	2.9905	1.0000
3	-5	5	13.284	13.369	13.369	.080	-.085	-.3149	1.0000
3	-5	6	22.995	22.728	-22.726	-.291	.267	1.4198	1.0000
3	-5	7	2.969	2.096	2.096	.025	.873	.7130	1.0000
3	-3	-9	25.391	25.687	-25.684	-.396	-.296	-1.6533	1.0000
3	-3	-8	3.870	4.409	4.408	.070	-.539	-.5789	1.0000

H	K	L	F (OBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	-3	-7	26.057	26.577	26.573	.446	-.520	-1.8633	1.0000
3	-3	-6	20.067	21.762	-21.762	-.043	-1.695	-4.7711	1.0000
3	-3	-5	10.151	12.072	-12.070	-.208	-1.921	-3.3718	1.0000
3	-3	-4	25.308	26.759	-26.757	-.211	-1.451	-3.1873	1.0000
3	-3	-3	8.833	9.244	-9.244	-.013	-.411	-.8335	1.0000
3	-3	-2	4.584 *	1.144	.954	.719	3.389	4.1821	1.0000
3	-3	-1	59.320	59.311	-59.310	-.206	.010	.0198	1.0000
3	-3	0	12.071	18.008	-17.990	-.817	-5.937	-14.8664	1.0000
3	-3	1	24.187	25.453	25.451	.381	-1.267	-3.1718	1.0000
3	-3	2	20.748	20.390	20.363	.519	.358	.8024	1.0000
3	-3	3	15.900	17.517	-17.517	-.054	-1.616	-3.5062	1.0000
3	-3	4	2.205 *	3.748	-3.745	-.147	-1.543	-1.0047	1.0000
3	-3	5	18.094	18.924	-18.922	-.292	-.830	-3.8737	1.0000
3	-3	6	4.164 *	5.237	-5.237	.088	-1.074	-1.3443	1.0000
3	-3	7	20.475	21.227	21.224	.341	-.752	-3.5557	1.0000
3	-1	-9	18.340	19.594	19.592	.288	-1.254	-5.6180	1.0000
3	-1	-8	9.479	10.305	-10.304	-.114	-.827	-2.3459	1.0000
3	-1	-7	11.355	11.490	-11.487	-.259	-.135	-.4309	1.0000
3	-1	-6	39.212	40.199	40.198	.231	-.987	-2.0374	1.0000
3	-1	-5	21.400	21.911	-21.911	-.049	-.511	-1.1233	1.0000
3	-1	-4	2.302 *	5.920	5.920	.080	-3.618	-2.4792	1.0000
3	-1	-3	36.220	36.124	36.124	.171	.096	.2246	1.0000
3	-1	-2	39.059	40.346	-40.340	-.709	-1.287	-2.4215	1.0000
3	-1	-1	3.945 *	1.990	1.989	.038	1.957	1.6134	1.0000
3	-1	0	45.939	46.620	46.615	.718	-.681	-1.3254	1.0000
3	-1	1	23.115	21.913	21.911	-.291	1.202	2.9669	1.0000
3	-1	2	2.229 *	3.539	-3.537	-.116	-1.311	-.8235	1.0000
3	-1	3	22.078	23.506	23.505	.204	-1.228	-2.5193	1.0000
3	-1	4	6.950	7.460	-7.459	-.160	-.510	-.9702	1.0000
3	-1	5	5.479	7.375	7.373	.170	-1.896	-2.9751	1.0000
3	-1	6	7.080	8.034	8.033	.043	-.954	-2.0180	1.0000
3	-1	7	15.889	16.209	-16.207	-.268	-.321	-1.2847	1.0000
4	-16	-4	2.930 *	.229	-.226	-.026	2.703	2.2670	1.0000
4	-16	-3	7.185	7.364	-7.364	-.066	-.179	-.3449	1.0000
4	-16	-2	2.446 *	1.913	1.912	.014	.533	.3785	1.0000
4	-16	-1	3.996	4.546	-4.544	-.116	-.549	-.5568	1.0000
4	-16	0	8.721	7.896	7.894	.142	.825	2.0222	1.0000
4	-16	1	7.203	5.913	5.911	.127	1.290	2.6001	1.0000
4	-14	-6	7.314	6.359	6.358	.085	.955	1.9600	1.0000
4	-14	-5	16.561	16.243	-16.240	-.340	.318	1.3354	1.0000
4	-14	-4	3.248 *	.305	-.305	.005	2.942	2.8712	1.0000
4	-14	-3	6.695	6.969	6.968	.147	-.275	-.5283	1.0000
4	-14	-2	6.792	8.220	8.219	.064	-1.428	-2.8773	1.0000
4	-14	-1	11.587	12.039	12.039	.105	-.452	-1.4957	1.0000
4	-14	0	20.472	20.839	-20.836	-.302	-.366	-1.8352	1.0000
4	-14	1	9.561	9.579	-9.578	-.119	-.018	-.0499	1.0000
4	-14	2	28.001	27.281	27.281	.395	.718	4.0062	1.0000
4	-14	3	2.199 *	.707	.707	-.010	1.493	.9501	1.0000
4	-12	-7	3.201 *	3.723	-3.723	-.019	-.522	-.4574	1.0000
4	-12	-6	2.167 *	1.107	-1.107	-.016	1.060	.6851	1.0000
4	-12	-5	3.236 *	2.289	-2.289	-.039	.947	.8420	1.0000
4	-12	-4	17.313	17.681	17.678	.318	-.368	-1.6939	1.0000
4	-12	-3	8.172	8.233	-8.231	-.154	-.061	-.1451	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	-12	-2	26.797	29.762	-29.760	-.395	-.965	-3.7363	1.0000
4	-12	-1	23.878	24.719	24.717	.360	-.841	-4.5468	1.0000
4	-12	0	4.819	4.096	4.093	.145	.723	1.0346	1.0000
4	-12	1	13.560	13.931	-13.929	-.224	-.371	-1.4181	1.0000
4	-12	2	11.431	10.221	10.220	.057	1.211	3.9645	1.0000
4	-12	3	13.384	12.562	-12.562	-.095	.822	2.9450	1.0000
4	-12	4	2.188 *	.087	-.086	.017	2.100	1.3445	1.0000
4	-10	-8	6.583	7.292	7.291	.113	-.708	-1.3257	1.0000
4	-10	-7	12.065	12.165	-12.164	-.152	-.100	-.3274	1.0000
4	-10	-6	10.533	10.621	-10.621	-.054	-.089	-.2719	1.0000
4	-10	-5	15.886	15.624	15.623	.199	.261	1.1130	1.0000
4	-10	-4	5.221	3.764	-3.762	-.104	1.457	2.2657	1.0000
4	-10	-3	9.531	10.268	10.268	-.011	-.737	-2.0567	1.0000
4	-10	-2	2.152 *	.632	-.627	.086	1.520	.9878	1.0000
4	-10	-1	11.669	12.303	-12.302	-.200	-.634	-2.0971	1.0000
4	-10	0	10.386	9.869	9.867	.148	.517	1.5590	1.0000
4	-10	1	10.318	7.722	7.720	.160	2.597	7.7576	1.0000
4	-10	2	19.850	20.636	-20.634	-.252	-.780	-3.9374	1.0000
4	-10	3	2.834 *	2.175	2.175	.026	.658	.5404	1.0000
4	-10	4	5.617	5.665	5.664	.108	-.048	-.0780	1.0000
4	-10	5	6.084	6.103	-6.102	-.073	-.019	-.0319	1.0000
4	-8	-9	11.522	10.890	-10.887	-.247	.633	1.9234	1.0000
4	-8	-8	8.013	7.971	7.969	.183	.042	.0984	1.0000
4	-8	-7	10.227	9.944	9.944	.086	.283	.8538	1.0000
4	-8	-6	14.227	13.507	13.507	.083	.719	2.8492	1.0000
4	-8	-5	6.481	5.348	5.348	.001	1.132	2.1667	1.0000
4	-8	-4	52.702	54.337	-54.337	-.580	-1.638	-2.9207	1.0000
4	-8	-3	10.101	10.785	10.782	.258	-.684	-1.7917	1.0000
4	-8	-2	92.871	98.740	98.737	.708	-5.869	-8.8831	1.0000
4	-8	-1	39.591	39.015	-39.012	-.509	.575	1.1326	1.0000
4	-8	0	38.049	40.031	-40.030	-.289	-1.982	-4.0172	1.0000
4	-8	1	30.658	28.557	28.555	.283	2.102	5.4221	1.0000
4	-8	2	6.108	4.873	4.873	-.028	1.235	2.2012	1.0000
4	-8	3	22.357	21.770	21.769	.207	.587	2.6675	1.0000
4	-8	4	12.987	12.559	-12.559	-.071	.428	1.5680	1.0000
4	-8	5	19.744	18.866	-18.863	-.376	.878	4.1512	1.0000
4	-8	6	15.733	15.175	15.173	.221	.558	2.2107	1.0000
4	-6	-9	16.373	15.889	15.887	.245	.484	1.9617	1.0000
4	-6	-8	2.434 *	2.190	-2.189	-.073	.244	.1791	1.0000
4	-6	-7	18.625	18.889	-18.887	-.236	-.263	-1.2814	1.0000
4	-6	-6	6.657	6.813	-6.812	-.112	-.156	-.3028	1.0000
4	-6	-5	30.520	30.914	30.913	.223	-.393	-.9434	1.0000
4	-6	-4	36.364	36.570	36.568	.382	-.206	-.4227	1.0000
4	-6	-3	42.568	42.551	-42.550	-.323	.017	.0339	1.0000
4	-6	-2	39.347	41.727	-41.724	-.496	-.2380	-4.6322	1.0000
4	-6	-1	59.335	60.192	60.191	.379	-.857	-1.2746	1.0000
4	-6	0	43.393	44.949	44.947	.417	-1.556	-2.7887	1.0000
4	-6	1	18.975	20.292	-20.291	-.127	-1.317	-3.0719	1.0000
4	-6	2	17.991	18.180	-18.180	-.262	-.190	-.5495	1.0000
4	-6	3	9.147	9.503	-9.502	-.167	-.356	-.9268	1.0000
4	-6	4	14.776	15.156	15.155	.217	-.380	-1.5422	1.0000
4	-6	5	16.602	17.331	17.329	.242	-.729	-3.1417	1.0000
4	-6	6	12.391	11.763	-11.761	-.199	.628	2.0778	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	-4	-9	3.923 *	3.500	-3.500	-.005	.423	.4848	1.0000 *
4	-4	-8	10.970	10.917	-10.914	-.240	.053	.1697	1.0000
4	-4	-7	12.427	13.219	13.215	.332	-.792	-2.7247	1.0000 *
4	-4	-6	3.459 *	5.877	-5.877	.067	-2.418	-2.4010	1.0000 *
4	-4	-5	46.350	48.142	-48.139	-.506	-1.792	-3.0660	1.0000
4	-4	-4	23.250	23.224	23.222	.321	.026	.0565	1.0000
4	-4	-3	13.061	15.409	15.409	.055	-2.349	-5.0304	1.0000
4	-4	-2	68.109	68.056	-68.056	-.304	.052	.0929	1.0000
4	-4	-1	51.427	51.580	51.580	.516	-.156	-.2549	1.0000
4	-4	0	23.482	24.111	-24.111	-.171	-.629	-1.4383	1.0000
4	-4	1	38.842	38.207	-38.205	-.336	.635	1.1957	1.0000
4	-4	2	58.894	58.162	58.159	.526	.733	1.1551	1.0000
4	-4	3	33.204	34.494	-34.494	-.163	-.990	-2.4798	1.0000
4	-4	4	22.613	22.395	-22.393	-.295	.218	1.1095	1.0000
4	-4	5	16.514	16.920	16.918	.266	-.406	-1.7746	1.0000
4	-4	6	5.174	5.210	-5.210	-.070	-.036	-.0545	1.0000
4	-2	-9	11.399	11.451	-11.450	-.186	-.052	-.1632	1.0000
4	-2	-8	2.255 *	.232	.231	.022	2.023	1.4236	1.0000 *
4	-2	-7	15.933	15.292	15.291	.218	.640	2.7608	1.0000
4	-2	-6	10.721	10.123	10.122	.098	.596	1.6961	1.0000
4	-2	-5	23.382	24.230	-24.229	-.242	-.848	-1.7709	1.0000
4	-2	-4	49.466	46.943	-46.942	-.307	2.523	3.7195	1.0000
4	-2	-3	19.612	19.776	19.775	.211	-.164	-.4174	1.0000
4	-2	-2	70.631	71.547	71.546	.406	-.916	-1.7728	1.0000
4	-2	-1	11.537	10.853	-10.853	-.086	.684	1.4838	1.0000
4	-2	0	53.447	51.623	-51.622	-.251	1.625	3.0914	1.0000
4	-2	1	14.215	13.534	13.534	.041	.681	1.5158	1.0000
4	-2	2	31.707	31.349	31.349	.199	.358	.7334	1.0000
4	-2	3	3.113 *	3.934	-3.933	.072	-.822	-.6462	1.0000 *
4	-2	4	24.034	23.418	-23.417	-.199	.616	2.3834	1.0000
4	-2	5	7.141	7.391	-7.389	-.157	-.250	-.5349	1.0000
4	-2	6	11.223	10.961	10.961	.135	.261	.8017	1.0000
4	0	-10	3.054 *	.769	-.768	-.036	2.285	1.9852	1.0000 *
4	0	-9	19.309	20.168	20.167	.232	-.859	-4.0063	1.0000
4	0	-8	17.727	18.159	18.157	.277	-.433	-2.0461	1.0000
4	0	-7	44.127	44.763	-44.758	-.662	-.636	-1.4726	1.0000
4	0	-6	14.773	13.695	-13.693	-.213	1.078	3.7470	1.0000
4	0	-5	102.270	102.996	102.992	.836	-.726	-1.1825	1.0000
4	0	-4	2.176 *	3.787	3.785	-.136	-1.611	-1.0374	1.0000 *
4	0	-3	100.949	97.632	-97.632	-.368	3.316	6.6439	1.0000
4	0	-2	56.193	51.010	51.010	.019	5.183	9.9161	1.0000 *
4	0	-1	44.674	40.201	40.201	-.228	4.472	7.8510	1.0000
4	0	0	96.920	99.326	99.323	.757	-2.406	-4.7919	1.0000
4	0	1	17.280	18.900	18.897	.363	-1.620	-3.8853	1.0000
4	0	2	110.104	109.825	-109.820	-1.033	.279	.4523	1.0000
4	0	3	26.013	29.770	29.770	-.009	-1.757	-4.1843	1.0000
4	0	4	41.118	40.113	40.109	.560	1.005	2.3606	1.0000
4	0	5	7.009	7.880	-7.880	-.119	-.871	-1.8096	1.0000
4	0	6	2.176 *	1.059	-1.058	-.056	1.116	.7174	1.0000 *
5	-15	-5	6.193	5.640	-5.639	-.100	.553	.9560	1.0000
5	-15	-4	2.191 *	1.653	-1.653	-.033	.537	.3433	1.0000 *
5	-15	-3	7.855	8.235	8.234	.100	-.380	-.8514	1.0000 *
5	-15	-2	2.860 *	3.038	3.038	.046	-.178	-.1468	1.0000 *

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	*	**
5	-15	-1	3.269 *	4.902	-4.902	-.059	-1.613	-1.4930	1.0000	*	**
5	-15	0	2.176 *	1.434	-1.433	-.070	.742	.4774	1.0000	*	**
5	-15	1	3.368 *	1.375	1.374	.015	1.993	1.7015	1.0000	*	**
5	-13	-6	12.635	12.462	12.462	.245	.171	.5763	1.0000	*	**
5	-13	-5	7.796	6.797	-6.796	-.109	.999	2.2534	1.0000	*	**
5	-13	-4	11.469	11.602	-11.598	-.295	-.132	-.4296	1.0000	*	**
5	-13	-3	20.217	21.064	21.061	.333	-.847	-4.2438	1.0000	*	**
5	-13	-2	6.378	6.810	-6.810	.027	-.432	-.8265	1.0000	*	**
5	-13	-1	7.687	8.423	-8.420	-.210	-.735	-1.6697	1.0000	*	**
5	-13	0	16.570	16.757	16.756	.177	-.187	-.8066	1.0000	*	**
5	-13	1	11.525	10.838	-10.838	-.144	.687	2.1653	1.0000	*	**
5	-13	2	5.970	5.850	-5.850	-.039	.120	.2051	1.0000	*	**
5	-13	3	16.405	15.959	15.956	.266	.447	1.7897	1.0000	*	**
5	-11	-8	2.534 *	.703	-.703	.005	1.831	1.3185	1.0000	*	**
5	-11	-7	14.573	14.431	-14.428	-.269	.143	.5393	1.0000	*	**
5	-11	-6	4.331	3.205	-3.204	-.049	1.126	1.4586	1.0000	*	**
5	-11	-5	6.886	7.290	7.285	.256	-.404	-.8442	1.0000	*	**
5	-11	-4	6.298	7.353	7.353	.138	-1.056	-1.9861	1.0000	*	**
5	-11	-3	4.766	5.567	-5.565	-.154	-.802	-1.1472	1.0000	*	**
5	-11	-2	19.753	20.814	-20.813	-.270	-1.062	-5.3170	1.0000	*	**
5	-11	-1	2.919 *	.596	-.593	.065	2.322	1.9150	1.0000	*	**
5	-11	0	18.185	17.715	17.712	.352	.469	2.2511	1.0000	*	**
5	-11	1	3.027 *	.461	-.461	-.027	2.566	2.2123	1.0000	*	**
5	-11	2	19.233	19.378	-19.375	-.302	-.145	-.6953	1.0000	*	**
5	-11	3	2.170 *	1.570	-1.570	-.016	.600	.3878	1.0000	*	**
5	-11	4	8.650	8.343	8.341	.171	.308	.7324	1.0000	*	**
5	-9	-6	3.036 *	.329	-.329	.010	2.707	2.2541	1.0000	*	**
5	-9	-7	30.215	29.504	29.501	.430	.711	3.6119	1.0000	*	**
5	-9	-6	15.025	15.430	-15.428	-.194	-.404	-1.6587	1.0000	*	**
5	-9	-5	13.968	14.212	-14.210	-.211	-.244	-.9319	1.0000	*	**
5	-9	-4	7.529	8.348	8.347	.111	-.819	-1.7888	1.0000	*	**
5	-9	-3	10.010	10.100	-10.099	-.132	-.090	-.2613	1.0000	*	**
5	-9	-2	28.803	28.141	28.139	.364	.662	2.0296	1.0000	*	**
5	-9	-1	2.543 *	3.940	3.939	.106	-1.397	-1.0435	1.0000	*	**
5	-9	0	39.993	40.663	-40.658	-.661	-.670	-1.5635	1.0000	*	**
5	-9	1	9.681	9.761	9.759	.196	-.080	-.2178	1.0000	*	**
5	-9	2	22.677	23.208	23.205	.409	-.531	-2.9154	1.0000	*	**
5	-9	3	11.452	11.293	-11.290	-.248	.159	.5048	1.0000	*	**
5	-9	4	3.080 *	3.104	-3.104	-.036	-.024	-.0201	1.0000	*	**
5	-7	-9	2.196 *	.920	-.919	-.057	1.276	.8138	1.0000	*	**
5	-7	-8	2.170 *	.718	-.718	-.024	1.452	.9382	1.0000	*	**
5	-7	-7	8.774	7.820	7.819	.090	.954	2.4799	1.0000	*	**
5	-7	-6	9.828	10.227	-10.227	-.095	-.399	-1.1053	1.0000	*	**
5	-7	-5	15.933	16.477	16.477	.023	-.544	-2.3753	1.0000	*	**
5	-7	-4	22.487	23.775	23.774	.116	-1.288	-4.2181	1.0000	*	**
5	-7	-3	22.125	21.320	-21.319	-.169	.805	1.9453	1.0000	*	**
5	-7	-2	2.922 *	4.099	-4.098	.068	-1.177	-.8621	1.0000	*	**
5	-7	-1	26.627	26.322	26.322	.156	.305	.7061	1.0000	*	**
5	-7	0	11.229	11.726	11.725	-.192	-.498	-1.3891	1.0000	*	**
5	-7	1	10.747	12.476	-12.476	.007	-1.729	-5.2560	1.0000	*	**
5	-7	2	3.891 *	1.468	-1.466	.076	2.423	2.7502	1.0000	*	**
5	-7	3	2.141 *	2.071	2.069	-.103	.069	.0454	1.0000	*	**
5	-7	4	7.485	7.418	7.418	.070	.067	.1452	1.0000	*	**

H	K	L	F (OBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	*	**
5	-7	3	2.282 *	2.086	2.086	.030	.195	.1310	1.0000	*	**
5	-5	-9	18.150	17.840	17.836	.348	.310	1.3889	1.0000	*	**
5	-5	-8	2.135 *	.599	-.599	.009	1.536	1.0079	1.0000	*	**
5	-5	-7	32.943	32.921	-32.917	-.505	.022	.0763	1.0000	*	**
5	-5	-6	17.595	17.234	17.233	.171	.361	1.6609	1.0000	*	**
5	-5	-5	2.575 *	1.241	-1.216	.247	1.335	.9314	1.0000	*	**
5	-5	-4	8.577	5.731	-5.731	-.056	2.846	6.0194	1.0000	*	**
5	-5	-3	37.206	39.180	39.180	.185	-1.974	-3.8852	1.0000	*	**
5	-5	-2	40.950	41.056	-41.054	-.421	-.2408	-5.8995	1.0000	*	**
5	-5	-1	20.833	23.536	-23.535	-.139	-2.702	4.7282	1.0000	*	**
5	-5	0	48.729	46.063	46.057	.733	2.666	4.2166	1.0000	*	**
5	-5	1	9.772	8.064	-8.060	-.227	1.709	2.1301	1.0000	*	**
5	-5	2	36.722	35.878	-35.874	-.498	.844	2.1301	1.0000	*	**
5	-5	3	9.957	9.993	9.990	.241	-.036	-.1023	1.0000	*	**
5	-5	4	6.319	5.962	5.962	.061	.357	.6826	1.0000	*	**
5	-5	5	2.901 *	.428	-.426	.044	2.473	1.9960	1.0000	*	**
5	-3	-9	13.575	13.501	-13.500	-.171	.073	.2629	1.0000	*	**
5	-3	-8	2.123 *	1.863	1.863	.018	.260	.1713	1.0000	*	**
5	-3	-7	13.208	13.203	13.201	.206	.005	.0181	1.0000	*	**
5	-3	-6	17.882	18.119	18.116	.314	-.236	-1.0319	1.0000	*	**
5	-3	-5	60.219	58.847	-58.845	-.439	1.372	2.1528	1.0000	*	**
5	-3	-4	33.844	34.027	-34.024	-.486	-.183	-.3662	1.0000	*	**
5	-3	-3	69.568	69.467	69.464	.677	.101	.1582	1.0000	*	**
5	-3	-2	13.865	12.353	12.347	.388	1.512	3.2186	1.0000	*	**
5	-3	-1	36.161	35.188	-35.186	-.414	.973	1.8304	1.0000	*	**
5	-3	0	31.645	31.403	-31.403	-.228	.242	.4703	1.0000	*	**
5	-3	1	20.314	19.191	-19.190	-.128	1.123	2.5663	1.0000	*	**
5	-3	2	11.164	10.564	10.561	.256	.600	1.8090	1.0000	*	**
5	-3	3	25.937	25.964	25.962	.319	-.027	-.1073	1.0000	*	**
5	-3	4	20.825	21.444	-21.441	-.365	-.619	-3.2959	1.0000	*	**
5	-3	5	20.325	20.695	-20.694	-.204	-.369	-1.8237	1.0000	*	**
5	-3	6	15.994	16.533	16.531	.288	-.539	-2.1093	1.0000	*	**
5	-1	-10	12.086	11.497	11.496	.157	.589	1.8573	1.0000	*	**
5	-1	-9	2.173 *	.498	.497	-.008	1.675	1.0786	1.0000	*	**
5	-1	-8	2.907 *	1.119	-1.119	-.015	1.788	1.5109	1.0000	*	**
5	-1	-7	9.088	8.138	8.138	.037	.950	2.4882	1.0000	*	**
5	-1	-6	27.925	27.754	-27.754	-.325	.169	.4638	1.0000	*	**
5	-1	-5	32.817	33.706	33.706	.224	-.890	-1.9067	1.0000	*	**
5	-1	-4	47.428	46.629	46.627	.429	.799	1.5121	1.0000	*	**
5	-1	-3	42.501	42.803	-42.800	-.476	-.302	-.5886	1.0000	*	**
5	-1	-2	3.174 *	4.677	4.677	-.021	-1.503	-1.5604	1.0000	*	**
5	-1	-1	31.028	32.784	32.782	.355	-1.755	-3.5370	1.0000	*	**
5	-1	0	2.378 *	4.710	4.710	-.239	-2.338	-1.3751	1.0000	*	**
5	-1	1	3.665 *	6.049	-6.048	.069	-2.384	-2.1594	1.0000	*	**
5	-1	2	9.640	10.241	-10.241	-.043	-.601	-1.5279	1.0000	*	**
5	-1	3	15.199	15.093	-15.090	-.320	.105	.4326	1.0000	*	**
5	-1	4	19.550	19.679	19.677	.295	-.129	-.6458	1.0000	*	**
5	-1	5	12.949	12.518	12.517	.147	.432	1.5311	1.0000	*	**
5	-1	6	14.591	14.734	-14.734	-.238	-.145	-1.5316	1.0000	*	**
6	-14	-5	2.199 *	1.222	-1.221	-.039	.978	.6222	1.0000	*	**
6	-14	-4	10.304	10.560	-10.558	-.187	-.256	-.7401	1.0000	*	**
6	-14	-3	5.215	5.401	5.401	.068	-.186	-.2820	1.0000	*	**
6	-14	-2	21.782	22.495	22.493	.350	-.713	-3.5733	1.0000	*	**

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
6	-14	-1	11.537	11.849	-11.848	-.196	-.312	-.9673	1.0000
6	-14	0	15.601	15.881	-15.879	-.256	-.280	-1.0968	1.0000
6	-14	1	12.341	12.315	12.314	.177	.027	.0845	1.0000
6	-12	-7	7.852	7.782	-7.781	-.159	.070	.1508	1.0000
6	-12	-6	6.111	5.815	-5.813	-.146	.296	.5166	1.0000
6	-12	-5	16.542	16.929	16.926	.350	-.386	-1.6227	1.0000
6	-12	-4	4.267	3.548	-3.548	.004	.9130	.9130	1.0000
6	-12	-3	16.931	17.116	-17.113	-.291	-.185	-.8280	1.0000
6	-12	-2	14.429	13.667	13.666	.114	.763	3.0553	1.0000
6	-12	-1	5.564	5.562	-5.562	-.003	.002	.0038	1.0000
6	-12	0	6.319	4.286	-4.286	.030	2.033	3.7831	1.0000
6	-12	1	15.607	15.583	15.582	.161	.024	.0953	1.0000
6	-12	2	15.507	14.237	-14.235	-.245	1.270	4.9133	1.0000
6	-10	-6	5.629	5.411	-5.410	-.074	.218	.3504	1.0000
6	-10	-7	4.719	4.419	-4.419	-.020	.300	.4115	1.0000
6	-10	-6	2.566	3.300	3.300	.047	-.734	-.5617	1.0000
6	-10	-5	4.965	4.502	-4.502	-.107	.463	.7001	1.0000
6	-10	-4	3.303	4.763	4.761	.140	-.1460	-1.3966	1.0000
6	-10	-3	2.155	1.927	-1.926	.070	.228	.1481	1.0000
6	-10	-2	16.661	17.297	-17.295	-.264	-.637	-2.8159	1.0000
6	-10	-1	8.495	9.036	9.036	.095	-.542	-1.3367	1.0000
6	-10	0	7.115	7.841	7.840	.132	-.727	-1.5465	1.0000
6	-10	1	13.686	12.907	-12.906	-.129	.780	2.9837	1.0000
6	-10	2	2.560	2.608	2.203	.056	.357	.2697	1.0000
6	-10	3	2.243	.608	.608	-.014	1.635	1.0812	1.0000
6	-8	-8	8.504	8.117	-8.115	-.168	.387	.9410	1.0000
6	-8	-7	17.973	18.560	18.558	.300	-.587	-2.6642	1.0000
6	-8	-6	21.802	21.842	21.840	.281	-.040	-.2144	1.0000
6	-8	-5	36.284	35.800	-35.796	-.568	.484	1.4460	1.0000
6	-8	-4	11.243	10.904	-10.903	-.082	.340	1.0706	1.0000
6	-8	-3	45.543	45.797	45.795	.443	-.254	-.5513	1.0000
6	-8	-2	4.689	4.487	-4.487	-.084	.202	.2807	1.0000
6	-8	-1	5.928	6.846	-6.846	.022	-.917	-1.5776	1.0000
6	-8	0	9.153	8.316	-8.315	-.149	.836	2.1737	1.0000
6	-8	1	15.830	14.318	-14.315	-.286	1.512	6.5161	1.0000
6	-8	2	36.819	35.683	35.681	.443	1.135	3.4837	1.0000
6	-8	3	2.167	1.315	1.307	.143	.852	.5507	1.0000
6	-8	4	21.958	20.878	-20.874	-.384	1.060	5.3304	1.0000
6	-6	-9	12.421	11.617	11.616	.167	.804	2.6313	1.0000
6	-6	-6	5.538	4.513	4.513	.043	1.025	1.6623	1.0000
6	-6	-7	22.125	22.098	-22.096	-.319	.027	.1389	1.0000
6	-6	-6	10.518	10.106	-10.105	-.141	.412	1.2211	1.0000
6	-6	-5	36.407	38.554	38.551	.452	-.146	-.3486	1.0000
6	-6	-4	17.535	17.532	17.531	.151	.304	1.0550	1.0000
6	-6	-3	25.761	26.915	-26.913	-.357	-1.155	-3.0251	1.0000
6	-6	-2	16.602	16.318	-16.317	-.177	.285	.9230	1.0000
6	-6	-1	2.417	4.225	4.224	.073	-1.808	-1.2315	1.0000
6	-6	0	22.528	22.855	22.853	.274	-.327	-.1608	1.0000
6	-6	1	11.519	11.724	11.724	.073	-.205	-.6592	1.0000
6	-6	2	26.084	25.521	-25.518	-.364	.563	2.4250	1.0000
6	-6	3	5.086	5.775	-5.775	-.051	-.689	-1.0571	1.0000
6	-6	4	19.952	19.668	19.666	.290	.285	1.3659	1.0000
6	-4	-9	14.018	13.480	-13.478	-.218	.538	1.9923	1.0000

H	K	L	F (OBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
6	-4	-6	7.720	8.361	8.357	.243	-.641	-1.4654	1.0000
6	-4	-7	2.972 *	1.457	1.456	.025	1.515	1.2646	1.0000
6	-4	-6	13.040	11.516	-11.514	-.234	1.524	5.4631	1.0000
6	-4	-5	11.813	11.923	11.920	.290	-.110	-.3547	1.0000
6	-4	-4	25.044	26.471	-26.471	-.170	-1.427	-3.4230	1.0000
6	-4	-3	27.032	27.946	-27.946	-.175	-.914	-2.0349	1.0000
6	-4	-2	58.771	60.297	60.295	.489	-1.526	-2.0454	1.0000
6	-4	-1	34.120	33.147	-33.146	-.334	.973	1.9724	1.0000
6	-4	0	48.071	49.197	-49.196	-.303	-1.126	-2.1187	1.0000
6	-4	1	40.604	40.388	40.385	.445	.216	.5147	1.0000
6	-4	2	11.919	12.034	-12.033	-.123	-.115	-.3814	1.0000
6	-4	3	2.543 *	3.257	-3.256	-.087	-.715	-.5556	1.0000
6	-4	4	11.070	10.086	10.084	.197	.984	3.0189	1.0000
6	-4	5	12.923	12.261	-12.260	-.181	.662	2.2309	1.0000
6	-2	-9	9.960	9.635	-9.634	-.153	.325	.9075	1.0000
6	-2	-8	4.766	4.485	-4.485	-.018	.261	.3949	1.0000
6	-2	-7	16.629	17.315	17.314	.238	-.667	-3.0379	1.0000
6	-2	-6	14.409	15.040	15.039	.103	-.631	-2.5279	1.0000
6	-2	-5	26.741	26.695	-26.694	-.277	.046	.1194	1.0000
6	-2	-4	25.329	25.367	-25.366	-.127	-.033	-.0870	1.0000
6	-2	-3	28.782	28.770	28.770	.234	.012	.0233	1.0000
6	-2	-2	25.499	25.695	25.695	.146	-.196	-.4199	1.0000
6	-2	-1	31.765	31.560	-31.560	-.155	.205	.4335	1.0000
6	-2	0	35.107	35.916	-35.915	-.277	-.809	-1.6691	1.0000
6	-2	1	11.052	10.475	10.475	-.001	.578	1.7879	1.0000
6	-2	2	26.938	26.994	26.993	.294	-.056	-.1969	1.0000
6	-2	3	2.135 *	.840	-1.837	.071	1.295	1.8498	1.0000
6	-2	4	12.688	13.111	-13.109	-.189	-.223	-.7916	1.0000
6	-2	5	2.188 *	.416	-.412	-.060	1.771	1.1339	1.0000
6	0	-10	7.486	7.607	7.607	.102	-.119	-.2452	1.0000
6	0	-9	30.550	30.866	30.863	.452	-.316	-1.5396	1.0000
6	0	-8	7.808	9.168	-9.164	-.272	-1.361	-3.1521	1.0000
6	0	-7	26.650	28.839	-28.838	-.317	-.189	-.6939	1.0000
6	0	-6	5.588	6.959	6.957	.161	-.189	-.6939	1.0000
6	0	-5	26.535	28.492	28.492	.026	-.1371	-2.2339	1.0000
6	0	-4	54.387	53.423	53.421	.450	.044	.1008	1.0000
6	0	-3	2.264 *	.689	-1.685	-.074	.964	1.7941	1.0000
6	0	-2	108.058	107.449	-107.445	-.932	1.575	.9737	1.0000
6	0	-1	39.776	37.926	37.924	.392	.609	.9872	1.0000
6	0	0	80.306	77.792	77.790	.612	1.850	3.7051	1.0000
6	0	1	40.278	42.456	-42.454	-.469	2.514	3.5969	1.0000
6	0	2	3.938 *	2.277	-2.275	-.095	-2.179	-4.5241	1.0000
6	0	3	2.135 *	.372	.368	.056	1.661	1.9241	1.0000
6	0	4	4.190 *	3.843	3.843	-.010	.347	1.1568	1.0000
6	0	5	19.512	20.341	20.339	.297	.347	.3367	1.0000
7	-13	-6	3.955 *	3.602	-3.601	-.034	-.829	-3.8138	1.0000
7	-13	-5	7.981	7.887	-7.885	-.180	.354	.4110	1.0000
7	-13	-4	11.701	11.238	11.237	.152	.094	.2095	1.0000
7	-13	-3	8.997	9.206	-9.206	-.091	.463	1.4609	1.0000
7	-13	-2	2.176 *	.071	-.071	-.001	-.209	-.5233	1.0000
7	-13	-1	15.357	16.193	16.192	.001	2.105	1.3525	1.0000
7	-13	0	12.735	12.394	-12.391	-.223	-.836	-3.2737	1.0000
7	-11	-7	10.591	10.065	-10.063	-.175	.341	1.1289	1.0000
							.927	1.5206	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
7	-11	-6	4.372 *	3.888	-3.887	-.060	.484	.6273	1.0000	*
7	-11	-5	12.215	12.057	12.055	.188	.159	.5297	1.0000	**
7	-11	-4	9.708	8.925	8.923	.188	.783	2.1856	1.0000	
7	-11	-3	17.134	17.933	-17.932	-.204	-.799	-3.4906	1.0000	
7	-11	-2	12.826	13.397	-13.395	-.243	-.571	-1.9853	1.0000	
7	-11	-1	11.281	11.529	11.528	.170	-.248	-.7953	1.0000	
7	-11	0	10.245	11.047	11.045	.205	-.802	-2.3136	1.0000	
7	-11	1	5.743	6.790	-6.790	-.060	-1.047	-1.6973	1.0000	
7	-11	2	6.751	7.067	-7.067	-.147	-.317	-.5940	1.0000	
7	-9	-8	10.694	10.554	10.553	.155	.140	.4050	1.0000	*
7	-9	-7	3.500 *	2.494	-2.494	-.011	1.006	1.0225	1.0000	**
7	-9	-6	7.050	6.298	6.296	.133	.752	1.5721	1.0000	
7	-9	-5	4.193	4.659	-4.658	-.084	-.466	-.4930	1.0000	
7	-9	-4	22.698	23.724	-23.721	-.406	-1.027	-5.6366	1.0000	
7	-9	-3	25.860	26.204	26.201	.379	-.343	-1.7447	1.0000	
7	-9	-2	11.281	12.262	12.259	.286	-.981	-3.1519	1.0000	
7	-9	-1	25.479	25.685	-25.681	-.441	-.206	-1.0634	1.0000	
7	-9	0	2.472 *	2.857	2.857	.014	-.384	-.2877	1.0000	*
7	-9	1	5.556	5.223	5.222	.120	.332	.5414	1.0000	*
7	-9	2	2.158 *	1.207	-1.206	-.045	.951	.6171	1.0000	**
7	-9	3	8.054	8.061	8.059	.176	-.006	-.0142	1.0000	*
7	-7	-9	4.334	1.500	1.500	.010	2.834	3.5349	1.0000	
7	-7	-8	8.433	8.147	8.147	.036	.286	.6811	1.0000	
7	-7	-7	5.567	5.444	-5.443	-.098	.123	.2046	1.0000	*
7	-7	-6	2.555 *	1.501	1.499	.068	1.054	.8193	1.0000	**
7	-7	-5	7.811	7.934	7.933	.090	-.123	-.2799	1.0000	*
7	-7	-4	2.179 *	2.608	-2.603	-.169	-.430	-.2760	1.0000	**
7	-7	-3	7.220	5.108	5.108	.032	2.112	4.3865	1.0000	
7	-7	-2	3.717	.223	-.206	.084	3.495	3.5957	1.0000	*
7	-7	-1	2.167 *	.612	.603	-.104	1.555	1.0052	1.0000	**
7	-7	0	6.577	6.754	6.753	.085	-.176	-.3452	1.0000	*
7	-7	1	2.196 *	.021	.004	.021	2.175	1.4817	1.0000	**
7	-7	2	3.177 *	3.635	-3.633	-.110	-.458	-.4343	1.0000	**
7	-7	3	6.278	6.257	6.256	.091	.021	.0385	1.0000	*
7	-5	-9	6.064	6.164	6.163	.140	-.101	-.1761	1.0000	
7	-5	-8	12.565	12.149	-12.149	-.146	.415	1.4281	1.0000	*
7	-5	-7	2.704	2.977	2.977	-.011	-.272	-.2172	1.0000	**
7	-5	-6	12.430	12.891	-12.889	-.185	-.461	-1.6023	1.0000	*
7	-5	-5	8.739	5.249	5.248	.106	3.490	8.8686	1.0000	**
7	-5	-4	33.066	32.536	32.533	.487	.530	1.5164	1.0000	*
7	-5	-3	39.456	38.927	-38.924	-.439	.529	1.2512	1.0000	*
7	-5	-2	21.861	20.999	-20.995	-.384	.862	3.2266	1.0000	*
7	-5	-1	31.877	32.386	32.382	.478	-.509	-1.4208	1.0000	*
7	-5	0	2.179 *	1.487	1.486	.057	.692	.4445	1.0000	**
7	-5	1	3.403 *	4.481	-4.480	-.077	-1.078	-.9682	1.0000	*
7	-5	2	2.713 *	1.600	1.600	.027	1.113	.8962	1.0000	**
7	-5	3	11.857	11.540	-11.537	-.236	.317	1.0394	1.0000	*
7	-5	4	2.610 *	3.789	3.786	.143	-1.178	-.8611	1.0000	*
7	-3	-9	16.702	15.875	-15.872	-.273	.827	3.4782	1.0000	**
7	-3	-8	7.793	7.187	-7.187	-.053	.606	1.3759	1.0000	*
7	-3	-7	29.537	29.287	-29.283	.498	.250	1.0252	1.0000	*
7	-3	-6	5.241	5.051	-5.051	-.001	.191	.2888	1.0000	*
7	-3	-5	26.427	26.661	-26.657	-.481	-.234	-.7592	1.0000	*

H	K	L	F (OBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
7	-3	-4	2.179 *	.284	-.284	.009	1.894	1.2173	1.0000
7	-3	-3	15.339	15.572	-16.571	.152	-1.232	-3.9216	1.0000
7	-3	-2	12.615	13.035	13.033	.192	-.420	-1.4161	1.0000
7	-3	-1	16.249	18.290	18.290	.056	-.040	-.1766	1.0000
7	-3	0	29.763	29.202	-29.198	-.461	.561	1.7362	1.0000
7	-3	1	10.794	11.291	-11.290	.037	-.497	-1.5372	1.0000
7	-3	2	26.498	27.609	27.604	.484	-1.111	-6.2022	1.0000
7	-3	3	2.892 *	1.796	1.793	-.100	1.096	.9130	1.0000
7	-3	4	15.169	15.800	-15.798	-.233	-.630	-2.4124	1.0000
7	-1	-9	9.361	8.980	8.979	.152	.381	.9983	1.0000
7	-1	-6	11.977	12.908	12.907	.101	-.930	-3.1369	1.0000
7	-1	-7	23.682	23.787	-23.784	-.366	-.105	-.6064	1.0000
7	-1	-6	6.389	4.653	4.652	.083	1.736	3.2313	1.0000
7	-1	-5	22.343	21.443	21.441	.315	.899	3.2244	1.0000
7	-1	-4	11.596	10.960	-10.958	-.234	.635	1.9675	1.0000
7	-1	-3	11.393	11.149	11.149	-.002	.244	.7233	1.0000
7	-1	-2	11.372	12.731	-12.731	-.059	-1.358	-3.5584	1.0000
7	-1	-1	9.523	11.767	-11.765	-.197	-2.245	-5.8803	1.0000
7	-1	0	32.640	32.601	32.599	.412	.039	.1158	1.0000
7	-1	1	5.623	7.591	7.591	.059	-1.968	-3.2065	1.0000
7	-1	2	18.376	18.585	-18.582	-.369	-.210	-1.0198	1.0000
7	-1	3	6.425	5.936	5.934	.150	.489	.9253	1.0000
7	-1	4	5.300	6.455	6.454	.102	-1.155	-1.7632	1.0000
8	-12	-5	2.223 *	1.871	1.870	.039	.352	.2298	1.0000
8	-12	-4	4.099	3.462	-3.462	-.030	.637	.6976	1.0000
8	-12	-3	5.400	4.740	4.740	.053	.660	1.0355	1.0000
8	-12	-2	12.283	12.101	-12.099	-.203	.182	.5893	1.0000
8	-12	-1	2.193 *	.212	-.204	.055	1.982	1.2640	1.0000
8	-10	-7	3.462 *	3.067	-3.067	-.007	.395	.3631	1.0000
8	-10	-6	10.926	10.631	-10.630	-.154	.295	.8905	1.0000
8	-10	-5	6.791	8.802	8.801	.125	-.011	-.0268	1.0000
8	-10	-4	7.118	7.075	7.074	.087	.043	.0880	1.0000
8	-10	-3	11.604	11.478	-11.477	-.147	.127	.4035	1.0000
8	-10	-2	2.67 *	1.449	-1.448	.053	.718	.4641	1.0000
8	-10	-1	2.334 *	1.515	1.515	-.000	.819	.5716	1.0000
8	-10	0	2.293 *	.617	-.614	-.053	1.676	1.1442	1.0000
8	-10	1	6.757	5.535	5.533	.131	1.222	2.3373	1.0000
8	-8	-8	5.303	5.816	5.815	.102	-.513	-1.7764	1.0000
8	-8	-7	24.780	23.406	23.404	.316	1.374	7.4256	1.0000
8	-8	-6	6.125	6.656	-6.653	-.172	-.530	-.9557	1.0000
8	-8	-5	14.693	15.271	-15.270	-.089	-.577	-2.3120	1.0000
8	-8	-4	3.529 *	3.171	-3.170	-.050	.359	.3691	1.0000
8	-8	-3	5.890	6.333	6.333	-.068	-.443	-.7932	1.0000
8	-8	-2	29.933	29.936	29.933	.407	-.003	-.0148	1.0000
8	-8	-1	8.991	9.924	-9.924	-.064	-.933	-2.4263	1.0000
8	-8	0	31.067	31.361	-31.357	-.450	-.273	-1.3498	1.0000
8	-8	1	21.432	20.614	20.613	.223	.818	4.0970	1.0000
8	-8	2	10.318	9.605	9.603	.186	.714	2.0084	1.0000
8	-6	-8	5.432	5.254	-5.254	-.087	.178	.2844	1.0000
8	-6	-7	14.961	14.823	-14.821	-.279	.137	.5500	1.0000
8	-6	-6	6.254	6.137	6.137	.054	.117	.2225	1.0000
8	-6	-5	11.455	12.581	12.579	.202	-1.126	-3.6532	1.0000
8	-6	-4	5.359	6.002	6.001	.104	-.643	-1.0424	1.0000

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
8	-6	-3	8.436	7.078	-7.077	-.138	1.358	3.3510	1.0000
8	-6	-2	16.896	17.083	-17.081	-.292	-.187	-.8384	1.0000
8	-6	-1	10.345	11.186	11.184	.172	-.841	-2.5125	1.0000
8	-6	0	22.601	22.799	22.796	.319	-.197	-1.0676	1.0000
8	-6	1	9.276	9.464	9.463	-.158	-.188	-.4931	1.0000
8	-6	2	13.971	13.578	-13.577	-.199	.393	1.4397	1.0000
8	-4	-9	6.354	6.649	6.648	.127	-.295	-.5340	1.0000
8	-4	-8	6.859	7.419	-7.418	-.075	-.559	-1.1138	1.0000
8	-4	-7	8.257	7.815	-7.814	-.049	.442	1.0918	1.0000
8	-4	-6	15.516	14.915	14.912	.272	.601	2.5577	1.0000
8	-4	-5	14.065	13.460	-13.457	-.283	.605	2.3423	1.0000
8	-4	-4	13.956	13.212	-13.211	-.132	.745	2.8177	1.0000
8	-4	-3	26.785	26.088	26.084	.424	.698	2.6104	1.0000
8	-4	-2	18.302	18.617	-18.616	-.193	-.315	-1.4883	1.0000
8	-4	-1	8.853	8.973	-8.972	-.095	-.120	-.3046	1.0000
8	-4	0	24.084	24.992	24.990	.241	-.908	-5.2390	1.0000
8	-4	1	18.998	19.395	-19.394	-.224	-.397	-1.9052	1.0000
8	-4	2	2.155 *	.353	-.350	.044	1.803	1.1694	1.0000
8	-4	3	9.775	9.359	9.358	.173	.416	1.1060	1.0000
8	-2	-9	10.066	10.187	-10.185	-.167	-.121	-.3371	1.0000
8	-2	-8	2.167 *	.896	.895	.040	1.271	.8231	1.0000
8	-2	-7	15.483	15.443	15.441	.207	.041	.1734	1.0000
8	-2	-6	2.616 *	1.395	1.395	.004	1.221	.9474	1.0000
8	-2	-5	20.058	20.731	-20.730	-.194	-.673	-3.3691	1.0000
8	-2	-4	12.139	10.475	-10.475	-.117	1.664	5.6659	1.0000
8	-2	-3	20.082	20.361	20.361	.150	-.280	-1.4014	1.0000
8	-2	-2	18.537	17.533	17.532	.239	1.004	4.8837	1.0000
8	-2	-1	13.193	13.600	-13.599	-.082	-.407	-1.4728	1.0000
8	-2	0	14.494	13.396	-13.395	-.217	1.098	4.3973	1.0000
8	-2	1	7.743	8.215	8.215	.051	-.472	-1.1076	1.0000
8	-2	2	6.692	6.394	6.393	.141	.498	.9967	1.0000
8	-2	3	3.180 *	3.229	-3.229	-.005	-.049	-.0433	1.0000
8	0	-9	3.659 *	3.943	3.943	.051	-.284	-.3006	1.0000
8	0	-8	7.103	6.036	6.035	.061	1.067	2.2298	1.0000
8	0	-7	5.923	8.038	-8.035	-.196	-2.115	-3.8110	1.0000
8	0	-6	20.601	20.088	-20.084	-.365	.514	2.6923	1.0000
8	0	-5	31.231	32.145	32.140	.548	-.914	-2.9928	1.0000
8	0	-4	25.981	25.467	25.465	.285	.514	1.9440	1.0000
8	0	-3	42.606	42.816	-42.811	-.654	-.210	-.5034	1.0000
8	0	-2	7.297	7.698	7.698	.042	-.401	-.8489	1.0000
8	0	-1	24.322	26.070	26.068	.281	-1.748	-6.7654	1.0000
8	0	0	6.663	5.446	-5.446	-.011	1.217	2.4360	1.0000
8	0	1	14.491	15.466	15.465	.180	-.975	-3.9530	1.0000
8	0	2	18.807	19.121	-19.119	-.283	-.313	-1.4620	1.0000
8	0	3	10.515	11.251	-11.249	-.229	-.736	-2.1064	1.0000
9	-11	-5	12.256	11.843	11.841	.221	.413	1.3398	1.0000
9	-11	-4	4.046	4.002	4.002	.074	.044	.0507	1.0000
9	-11	-3	9.144	8.957	-8.955	-.175	.187	.4755	1.0000
9	-11	-2	5.796	6.033	-6.032	-.095	-.237	-.3854	1.0000
9	-9	-7	16.508	15.899	15.896	.282	.610	2.4714	1.0000
9	-9	-6	2.475 *	2.039	2.039	.041	.436	.3149	1.0000
9	-9	-5	23.664	23.295	-23.292	-.384	.369	1.9345	1.0000
9	-9	-4	8.160	7.787	7.786	.128	.373	.8708	1.0000

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
9	-9	-3	9.640	9.910	9.909	.181	-.270	-.7309	1.0000
9	-9	-2	2.945 *	3.052	-3.051	-.095	-.107	-.0882	1.0000
9	-9	-1	5.183	4.229	4.228	.083	.954	1.4439	1.0000
9	-9	0	10.697	10.812	-10.811	.156	-.115	-.3309	1.0000
9	-7	-8	6.108	5.908	-5.908	-.093	.199	.3443	1.0000
9	-7	-7	3.609 *	2.988	2.988	.046	.621	.6607	1.0000
9	-7	-6	7.532	7.691	7.691	.062	-.160	-.3535	1.0000
9	-7	-5	3.168 *	1.121	-1.117	-.085	2.048	1.9589	1.0000
9	-7	-4	4.011	.120	.110	.048	3.891	4.7154	1.0000
9	-7	-3	6.111	5.192	-5.192	.006	.918	1.6817	1.0000
9	-7	-2	5.230	2.455	2.454	-.078	2.780	4.3231	1.0000
9	-7	-1	10.829 *	10.901	10.900	.106	-.072	-.2142	1.0000
9	-7	0	3.574 *	3.940	-3.940	-.011	-.366	-.3884	1.0000
9	-7	1	7.784	7.603	-7.602	-.107	.181	.3927	1.0000
9	-5	-8	8.013	8.102	8.101	.132	-.088	-.1981	1.0000
9	-5	-7	22.701	21.983	-21.981	-.336	.718	3.7603	1.0000
9	-5	-6	7.499	6.564	-6.563	-.087	.936	2.0963	1.0000
9	-5	-5	28.885	29.322	29.319	.438	-.437	-2.3265	1.0000
9	-5	-4	7.520	6.690	-6.690	-.083	.830	1.8713	1.0000
9	-5	-3	9.329	9.296	-9.294	-.183	.033	.0909	1.0000
9	-5	-2	2.123 *	2.242	2.241	.060	-.119	-.0792	1.0000
9	-5	-1	10.207	10.323	-10.323	-.123	-.117	-.3423	1.0000
9	-5	0	10.371	11.077	11.075	.193	-.706	-2.0544	1.0000
9	-5	1	7.088	7.614	7.613	.122	-.525	-1.0525	1.0000
9	-3	-8	13.125	12.440	12.439	.173	.685	2.3809	1.0000
9	-3	-7	4.751	4.537	4.534	.177	.214	.2986	1.0000
9	-3	-6	7.661	7.071	-7.071	-.016	.590	1.3671	1.0000
9	-3	-5	4.043	3.509	-3.507	-.127	.534	.6519	1.0000
9	-3	-4	13.393	14.544	-14.542	-.254	-1.151	-4.3563	1.0000
9	-3	-3	12.632	13.116	13.114	.244	-.484	-1.7531	1.0000
9	-3	-2	17.935	18.874	18.870	.370	-.939	-4.5023	1.0000
9	-3	-1	18.643	18.837	-18.834	-.332	-.194	-.9442	1.0000
9	-3	0	14.274	15.096	-15.095	-.239	-.823	-3.1845	1.0000
9	-3	1	7.778	7.491	7.489	.182	.288	.6444	1.0000
9	-3	2	6.577	6.266	6.266	.080	.311	.5787	1.0000
9	-1	-9	8.454	7.949	7.948	.140	.504	1.1766	1.0000
9	-1	-8	12.045	11.946	-11.944	-.181	.099	.3308	1.0000
9	-1	-7	4.017 *	2.720	2.720	-.003	1.297	1.5889	1.0000
9	-1	-6	6.207	6.973	6.973	.037	-.766	-1.4652	1.0000
9	-1	-5	2.428 *	4.877	-4.876	-.070	-2.448	-1.8446	1.0000
9	-1	-4	15.442	14.863	14.861	.256	.579	2.4655	1.0000
9	-1	-3	7.470	7.622	-7.622	-.384	-.152	-.3428	1.0000
9	-1	-2	10.873	10.911	-10.907	-.300	-.038	-.1189	1.0000
9	-1	-1	17.043	17.990	17.988	.267	-.948	-4.3622	1.0000
9	-1	0	2.135 *	1.731	-1.730	.063	.403	.2647	1.0000
9	-1	1	9.244	9.898	-9.896	-.198	-.654	-1.7010	1.0000
9	-1	2	5.071	5.015	5.014	.074	.056	.0818	1.0000
10	-8	-6	10.929	10.275	10.273	.165	.655	1.9383	1.0000
10	-8	-5	9.622	9.343	-9.341	-.173	.279	.7493	1.0000
10	-6	-4	15.407	14.926	-14.924	-.255	.481	1.9057	1.0000
10	-8	-3	19.483	18.455	18.452	.328	1.028	4.7300	1.0000
10	-6	-2	7.144	6.695	6.694	.104	.449	.9100	1.0000
10	-6	-1	9.267	8.603	-8.602	-.139	.664	1.7124	1.0000

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H	K	L	F (OBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	*	**
10	-6	-6	3.060 *	3.908	-3.907	-.060	-.848	-.7701	1.0000	*	**
10	-6	-5	15.445	15.566	15.564	.223	-.120	-.4883	1.0000		
10	-6	-4	10.497	10.089	10.088	.129	.409	1.2100	1.0000		
10	-6	-3	17.630	17.535	-17.533	-.267	.095	.4194	1.0000		
10	-6	-2	9.872	9.338	-9.338	-.107	.534	1.4779	1.0000		
10	-6	-1	11.869	11.936	11.935	.170	-.068	-.2173	1.0000		
10	-4	-6	2.188 *	2.053	2.053	-.001	.135	.0862	1.0000	*	**
10	-4	-7	13.898	13.256	13.254	.230	.642	2.3494	1.0000		
10	-4	-6	14.937	14.643	-14.642	-.195	.294	1.1647	1.0000		
10	-4	-5	9.590	8.969	-8.969	-.061	.621	1.7049	1.0000		
10	-4	-4	17.043	15.878	15.877	.208	1.164	5.0827	1.0000		
10	-4	-3	7.400	7.220	-7.218	-.177	.180	.3826	1.0000		
10	-4	-2	3.808 *	2.114	-2.113	.048	1.695	1.9498	1.0000	*	**
10	-4	-1	6.707	6.719	6.718	.126	-.012	-.0239	1.0000		
10	-4	0	14.136	13.937	-13.935	-.244	.198	.7258	1.0000	*	**
10	-2	-6	2.414 *	1.827	1.827	.033	.587	.4136	1.0000	*	**
10	-2	-7	10.644	10.316	10.315	.132	.329	.9734	1.0000	*	**
10	-2	-6	2.155 *	1.742	1.742	.043	.413	.2685	1.0000	*	**
10	-2	-5	14.068	13.989	-13.988	-.160	.079	.3037	1.0000		
10	-2	-4	6.724	4.492	-4.491	-.093	2.232	4.6069	1.0000		
10	-2	-3	13.413	12.986	12.985	.156	.427	1.5987	1.0000		
10	-2	-2	3.209 *	3.256	3.255	.087	-.047	-.0405	1.0000	*	**
10	-2	-1	8.457	9.205	-9.204	-.112	-1.748	-1.8196	1.0000	*	**
10	-2	0	2.165 *	3.760	-3.759	-.092	-1.575	-1.0104	1.0000	*	**
10	0	-8	3.412 *	3.644	-3.644	-.032	-.232	-.2021	1.0000	*	**
10	0	-7	26.603	26.186	-26.182	-.439	.417	2.3682	1.0000	*	**
10	0	-6	12.482	13.227	13.226	.186	-.745	-2.5362	1.0000		
10	0	-5	25.244	24.999	24.997	.272	.245	1.4154	1.0000		
10	0	-4	7.141	7.713	-7.712	-.122	-.572	-1.2256	1.0000		
10	0	-3	6.912	7.107	-7.107	.012	-.195	-.4054	1.0000		
10	0	-2	13.757	13.024	-13.022	-.230	.732	2.7717	1.0000		
10	0	-1	2.149 *	1.691	1.690	-.050	.459	.2986	1.0000	*	**
10	0	0	26.500	27.813	27.810	.427	.687	3.9667	1.0000	*	**
11	-5	-5	5.027 *	4.806	-4.806	-.011	.221	.3097	1.0000	*	**
11	-5	-4	4.986	5.659	5.657	.110	-.673	-.9706	1.0000	*	**
11	-5	-3	2.587 *	2.856	2.856	-.009	-.269	-.2051	1.0000	*	**
11	-3	-6	7.708	6.899	6.899	.091	.809	1.7886	1.0000		
11	-3	-5	20.035	20.126	-20.124	-.325	-.092	-.4397	1.0000		
11	-3	-4	5.230	5.230	-5.795	-.049	-.566	-.8562	1.0000		
11	-3	-3	14.168	14.238	14.235	.271	-.070	-.2610	1.0000		
11	-3	-2	3.691 *	3.148	3.148	.000	.543	.5741	1.0000	*	**
11	-1	-7	6.892	6.745	-6.744	-.099	.147	.2876	1.0000		
11	-1	-6	5.332	5.817	-5.816	-.114	-.485	-.7503	1.0000		
11	-1	-5	16.332	16.608	16.606	.246	-.276	-1.1477	1.0000		
11	-1	-4	3.368	1.805	-1.805	-.018	1.563	1.3686	1.0000		
11	-1	-3	10.753	11.114	-11.112	-.205	-.361	-1.0787	1.0000		
11	-1	-2	6.545	6.099	6.098	.112	.446	.8354	1.0000		

RESULTS OF STRUCTURE FACTOR CALCULATIONS

MONALBITE AT 980 DEGREES C FO-FC TABLE

ALL REFLECTIONS

WEIGHTED R	UNWEIGHTED R	NUMERATOR	DENOMINATOR	NUMBER	R
11637.53	969.16	5168747.64	18682.57	1054	.047
RANGES OF F(OBS)					
5318.63		1689689.72		825	.056
2309.49		1400934.74		157	.041
508.87		403772.08		43	.036
678.19		237373.71		12	.053
488.58		417644.85		11	.034
2091.18		239297.13		2	.093
156.72		324754.92		2	.022
85.87		455280.49		2	.014

RANGES OF (SIN(THETA)/LAMBDA)\*\*2

4747.94	1499156.60	57	.056
1508.84	591245.57	89	.051
1134.28	514747.61	110	.047
1157.95	592226.21	133	.044
1119.59	703126.78	148	.040
758.97	545027.52	158	.037
608.62	444117.52	176	.037
601.33	279097.83	183	.046

UNREJECTED REFLECTIONS

WEIGHTED R	7284.11	4911384.17	863	.039
UNWEIGHTED R	697.98	17640.04	863	.040

RANGES OF F(OBS)

4237.61	1686023.34	640	.050
2100.47	1394220.56	156	.039
410.54	392213.42	42	.032
146.37	202833.74	11	.027
135.49	356853.02	9	.019
11.04	99204.68	1	.011
156.72	324754.92	2	.022
85.87	455280.49	2	.014

RANGES OF (SIN(THETA)/LAMBDA)\*\*2

1234.84	1269933.06	48	.031
1151.37	590830.11	81	.044
836.24	488198.09	100	.041
1136.00	592160.82	120	.044
1086.85	702981.61	127	.039
726.46	544801.32	122	.037
561.64	443713.21	130	.036
550.71	278765.95	135	.044

SUM FCAL 18580.88  
STANDARD DEV OF UNIT WEIGHT OBS 3.02

LABELS AND CYCLES AT OUTPUT

MONAI R

08.30.57. 03/16/78 XLL06BN 7SW42300 40 PM

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XLL06BN  
XLL06BN

/// END OF LIST ///  
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\*533 CP SECONDS

573008 CM STORAGE USED

2 TABLE MOVES

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

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Fujio P. Okamura

and Subrata Ghose

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Seattle, Washington 98195

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

7/7 Monalbite : 1060°C

LABELS AND CYCLES AT INPUT

MONA2C2/M R

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
0	-18	0	10.084	10.118	10.116	.220	-.034	-.0916		1.0000
0	-18	1	6.909	6.207	-6.207	-.095	.702	1.3394		1.0000
0	-16	0	29.889	29.199	29.197	.337	.691	3.5034		1.0000
0	-16	1	5.867	6.479	-6.479	-.205	-.122	-1.0507		1.0000
0	-16	2	16.975	17.097	-17.096	-.093	-.153	-.5249		1.0000
0	-16	3	6.706	6.552	6.552	.000	.1273	.2980		1.0000
0	-16	4	3.319 *	2.047	2.047	.000	1.273	1.2392		1.0000
0	-14	0	29.863	30.048	-30.044	-.533	-.185	-.7074		1.0000
0	-14	1	7.368	6.910	6.909	.079	.458	.9982		1.0000
0	-14	2	21.153	21.254	21.251	.350	-.101	-.5347		1.0000
0	-14	3	2.127 *	1.784	-1.783	-.068	.343	.2260		1.0000
0	-14	4	2.645 *	.372	-.366	-.065	2.273	1.7965		1.0000
0	-14	5	7.397	7.805	-7.804	-.125	-.407	-.8652		1.0000
0	-12	0	18.217	18.320	-18.320	-.103	-.104	-.4402		1.0000
0	-12	1	18.858	19.124	19.123	.217	-.266	-1.3280		1.0000
0	-12	2	5.408	6.501	-6.501	-.078	-1.093	-1.7360		1.0000
0	-12	3	25.143	25.948	-25.945	-.373	-.804	-3.5497		1.0000
0	-12	4	19.547	21.009	21.006	.307	-1.462	-7.3066		1.0000
0	-12	5	3.525 *	5.496	5.493	.171	-1.971	-1.9873		1.0000
0	-12	6	11.543	11.296	-11.293	-.237	.247	.7854		1.0000
0	-10	0	46.338	45.410	45.409	.355	.928	1.6771		1.0000
0	-10	1	17.084	17.738	-17.737	-.108	-.654	-1.5322		1.0000
0	-10	2	31.523	33.609	-33.609	-.177	-2.086	-4.8568		1.0000
0	-10	3	15.454	15.052	15.091	.149	.362	1.4475		1.0000
0	-10	4	6.003	2.242	-2.241	-.069	3.760	6.7616		1.0000
0	-10	5	2.631 *	3.670	-3.670	.027	-1.040	-.8084		1.0000
0	-10	6	2.710 *	1.499	1.497	.084	1.211	.9569		1.0000
0	-10	7	7.077	6.793	-6.791	-.126	.284	.5850		1.0000
0	-8	0	40.356	39.090	39.090	.057	1.266	2.5311		1.0000
0	-8	1	39.023	38.391	-38.389	-.327	.632	1.2069		1.0000
0	-8	2	29.775	29.959	29.958	.227	-.184	-.3912		1.0000
0	-8	3	60.971	59.037	59.034	.600	1.934	2.7042		1.0000
0	-8	4	49.177	49.232	-49.229	-.543	-.055	-.0968		1.0000
0	-8	5	16.186	15.540	-15.537	-.322	.646	2.8517		1.0000
0	-8	6	25.314	25.658	25.655	.384	-.344	-1.6707		1.0000
0	-8	7	6.532	6.593	6.593	.061	-.061	-.1175		1.0000
0	-8	8	2.839 *	3.287	-3.286	-.056	-.447	-.3518		1.0000
0	-6	0	107.132	103.724	103.723	.399	3.408	7.5218		1.0000
0	-6	1	35.233	34.303	34.303	.223	.930	2.1206		1.0000
0	-6	2	66.491	68.500	-68.499	-.411	-2.005	-3.6715		1.0000
0	-6	3	32.870	31.608	-31.606	-.398	1.262	2.5680		1.0000
0	-6	4	54.486	54.248	54.246	.410	.240	.3242		1.0000
0	-6	5	22.080	22.066	22.064	.285	.015	.0438		1.0000
0	-6	6	20.612	20.136	-20.135	-.253	.476	2.4869		1.0000
0	-6	7	7.603	8.203	-8.201	-.171	-.595	-1.3669		1.0000
0	-6	8	4.937	3.765	3.765	.050	1.172	1.7098		1.0000
0	-4	0	150.695	149.211	-149.210	-.667	1.484	4.2025		1.0000
0	-4	1	54.224	55.193	55.191	.377	-.969	-2.2101		1.0000
0	-4	2	14.186	14.431	14.427	.348	-.246	-.7259		1.0000
0	-4	3	55.377	54.537	-54.534	-.509	.841	1.4649		1.0000
0	-4	4	20.300	19.067	19.066	.195	1.233	2.6698		1.0000
0	-4	5	26.206	25.925	-25.925	.022	.281	.6718		1.0000
0	-4	6	15.633	14.858	-14.856	-.245	.775	3.2932		1.0000

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	-4	7	16.060	15.861	15.859	.254	.199	.8655	1.0000
0	-4	8	2.166 *	1.883	-1.883	.001	.282	.1825	1.0000
0	-2	0	45.567	44.242	-44.242	-.204	1.325	5.0025	1.0000
0	-2	1	7.983	6.044	-6.044	-.022	1.939	2.1895	1.0000
0	-2	2	49.728	52.150	52.149	.329	-2.423	-5.3465	1.0000
0	-2	3	18.608	19.379	19.378	.173	-.771	-2.1119	1.0000
0	-2	4	47.730	47.480	-47.479	-.334	.250	.4282	1.0000
0	-2	5	26.153	25.857	-25.856	-.229	.296	.6660	1.0000
0	-2	6	15.398	16.441	16.440	.168	-1.043	-4.4872	1.0000
0	-2	7	12.202	12.298	12.297	.166	-.096	-.0332	1.0000
0	-2	8	2.166 *	3.840	-3.840	-.037	-1.675	-1.0820	1.0000
0	0	1	33.623	31.242	-31.242	-.159	2.381	8.2582	1.0000
0	0	2	167.261	178.843	-178.841	-.879	-11.582	-32.8006	1.0000
0	0	3	42.610	40.128	40.128	.211	2.481	4.4386	1.0000
0	0	4	34.106	34.053	34.053	.043	.053	.1168	1.0000
0	0	5	40.347	41.886	41.885	.236	-1.535	-3.1510	1.0000
0	0	6	2.428 *	4.365	-4.363	.107	-1.937	-1.4220	1.0000
0	0	7	29.822	28.583	-28.579	-.505	1.238	4.4776	1.0000
0	0	8	6.253	6.928	6.928	.048	-.675	-1.2474	1.0000
0	0	9	18.473	17.133	17.130	.328	1.339	5.9110	1.0000
1	-17	-3	9.857	10.563	-10.561	-.194	-.706	-1.8885	1.0000
1	-17	-2	3.222 *	2.994	2.994	.060	.228	.2144	1.0000
1	-17	-1	6.971	7.010	-7.010	-.108	-.040	-.0788	1.0000
1	-17	0	6.085	5.766	5.765	.112	.319	.5565	1.0000
1	-17	1	13.812	13.751	13.749	.253	.061	.2144	1.0000
1	-17	2	18.667	18.417	-18.414	-.336	.250	1.1029	1.0000
1	-15	-5	2.169 *	1.755	-1.753	-.063	.414	.2675	1.0000
1	-15	-4	7.962	8.208	-8.208	-.073	-.246	-.5651	1.0000
1	-15	-3	7.268	6.596	6.595	.057	.672	1.4461	1.0000
1	-15	-2	11.687	12.409	12.409	.097	-.722	-2.3815	1.0000
1	-15	-1	2.136 *	3.999	-3.999	-.025	-1.862	-1.2219	1.0000
1	-15	0	12.114	12.443	-12.442	-.116	-.329	-1.1278	1.0000
1	-15	1	5.591	4.893	4.893	-.004	.698	1.1742	1.0000
1	-15	2	14.115	13.444	13.443	.108	.671	2.5637	1.0000
1	-15	3	3.557 *	3.291	-3.291	.020	.266	.2791	1.0000
1	-15	4	5.605	4.775	-4.775	-.069	.830	1.3497	1.0000
1	-13	-6	9.425	8.576	8.575	.165	.848	2.2350	1.0000
1	-13	-5	18.514	19.166	-19.164	-.324	-.652	-3.0371	1.0000
1	-13	-4	5.032	7.324	7.324	.045	-2.293	-3.5420	1.0000
1	-13	-3	13.041	13.997	13.995	.222	-.956	-3.5317	1.0000
1	-13	-2	14.071	14.629	-14.628	-.219	-.558	-2.1811	1.0000
1	-13	-1	14.330	13.506	13.504	.202	.824	3.2188	1.0000
1	-13	0	2.834 *	1.791	1.791	-.025	1.043	.8836	1.0000
1	-13	1	20.388	20.132	-20.129	-.375	.256	1.3173	1.0000
1	-13	2	20.515	19.881	19.877	.374	.634	3.2658	1.0000
1	-13	3	6.653	7.688	7.687	.109	-1.035	-2.0457	1.0000
1	-13	4	15.801	16.436	-16.432	-.323	-.635	-2.6624	1.0000
1	-13	5	7.968	7.154	7.153	.111	.814	1.8694	1.0000
1	-11	-7	11.573	11.291	-11.290	-.175	.282	.9029	1.0000
1	-11	-6	4.364 *	2.994	-2.992	-.099	1.370	1.8404	1.0000
1	-11	-5	7.218	8.386	8.386	.163	-1.170	-2.5330	1.0000
1	-11	-4	9.907	9.961	9.957	.282	-.054	-.1520	1.0000
1	-11	-3	20.126	20.278	-20.278	-.149	-.152	-.6608	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-11	-2	18.543	18.690	-18.685	-.432	-.147	-.5040	1.0000
1	-11	-1	7.659	7.728	7.727	.140	-.069	-.1455	1.0000
1	-11	0	14.065	12.947	12.940	.426	1.118	3.9162	1.0000
1	-11	1	2.192	4.078	-4.078	-.047	-1.886	-1.2049	1.0000
1	-11	2	22.401	22.113	-22.111	-.297	-.288	1.0989	1.0000
1	-13	-6	9.030	8.576	8.575	.165	.454	1.1603	1.0000
1	-13	-5	18.593	19.166	-19.164	-.324	-.573	-2.7043	1.0000
1	-13	-4	5.988	7.324	7.324	.045	-1.337	-2.4554	1.0000
1	-13	-3	13.282	13.997	13.995	.222	-.715	-2.6990	1.0000
1	-13	-2	14.121	14.629	-14.628	-.219	-.508	-2.0088	1.0000
1	-13	-1	14.327	13.506	13.504	.202	.821	3.2074	1.0000
1	-13	0	3.440	1.791	1.791	-.025	1.649	1.6928	1.0000
1	-13	1	20.321	20.132	-20.129	-.375	.188	.9688	1.0000
1	-13	2	20.279	19.881	19.877	.374	.395	2.0536	1.0000
1	-13	3	7.603	7.688	7.687	.109	-.085	-.1937	1.0000
1	-13	4	15.351	16.436	-16.432	-.323	-1.085	-4.4416	1.0000
1	-13	5	6.668	7.154	7.153	.111	-.486	-.9340	1.0000
1	-11	-7	11.623	11.291	-11.290	-.175	.332	1.0534	1.0000
1	-11	-6	4.002	2.994	-2.992	-.099	1.608	1.2414	1.0000
1	-11	-5	7.974	8.388	8.386	.163	-.414	-.9770	1.0000
1	-11	-4	8.966	9.961	9.957	.282	-.995	-2.5624	1.0000
1	-11	-3	19.623	20.278	-20.278	-.149	-.655	-2.7475	1.0000
1	-11	-2	18.355	18.690	-18.685	-.432	-.335	-1.1277	1.0000
1	-11	-1	7.542	7.728	7.727	.140	-.187	-.3844	1.0000
1	-11	0	14.550	12.947	12.940	.426	1.603	4.3941	1.0000
1	-11	1	2.201	4.078	-4.078	-.047	-1.877	-1.1948	1.0000
1	-11	2	22.654	22.113	-22.111	-.297	.541	1.9763	1.0000
1	-11	3	10.228	9.374	-9.373	-.121	.854	2.4817	1.0000
1	-11	4	6.726	6.012	6.010	.177	.714	1.4447	1.0000
1	-11	5	12.252	13.467	13.466	.218	-1.215	-4.1712	1.0000
1	-11	6	7.774	6.465	-6.464	-.112	1.309	2.9264	1.0000
1	-9	-8	8.880	7.078	7.077	.115	1.803	4.4719	1.0000
1	-9	-7	3.922	3.799	3.797	.118	.124	.1448	1.0000
1	-9	-6	2.139	.821	-.820	-.041	1.318	.8630	1.0000
1	-9	-5	13.029	10.989	10.989	.100	2.040	7.4545	1.0000
1	-9	-4	42.221	42.227	-42.225	-.406	-.006	-.0117	1.0000
1	-9	-3	4.384	5.175	5.175	-.017	-.791	-.9241	1.0000
1	-9	-2	64.769	70.251	70.246	.796	-5.482	-7.8937	1.0000
1	-9	-1	35.660	36.805	-36.803	-.368	-1.145	-2.3310	1.0000
1	-9	0	49.127	50.971	-50.969	-.526	-1.844	-2.5686	1.0000
1	-9	1	34.115	35.262	35.260	.404	-1.147	-2.1905	1.0000
1	-9	2	8.771	9.539	9.539	-.006	-.767	-1.4984	1.0000
1	-9	3	8.227	8.007	-8.007	.065	.220	.5019	1.0000
1	-9	4	6.420	6.653	6.653	.079	-.232	-.4394	1.0000
1	-9	5	21.762	22.642	-22.638	-.399	-.875	-4.7432	1.0000
1	-9	6	5.258	4.737	4.736	.127	.521	.8234	1.0000
1	-9	7	18.176	16.740	16.737	.288	1.436	6.4197	1.0000
1	-9	7	17.664	16.740	16.737	.288	.924	4.0243	1.0000
1	-7	-8	9.292	8.500	8.500	.073	.792	2.1203	1.0000
1	-7	-7	2.257	1.813	-1.813	-.034	.444	.3102	1.0000
1	-7	-6	5.182	6.105	-6.105	-.073	-.923	-1.4137	1.0000
1	-7	-5	18.508	19.214	19.214	.141	-.706	-2.7587	1.0000
1	-7	-4	2.995	.899	.894	-.090	2.097	1.7380	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-7	-3	20.741	20.478	20.478	-.079	.263	.5666	1.0000
1	-7	-2	11.173	13.244	13.242	.248	-2.072	-4.8560	1.0000
1	-7	-1	13.447	15.112	-15.111	-.110	-1.665	-3.7467	1.0000
1	-7	0	25.788	23.736	23.736	-.088	2.051	4.8750	1.0000
1	-7	1	37.652	38.884	38.884	.178	-1.232	-2.5080	1.0000
1	-7	2	7.862	7.534	-7.532	-.173	.329	.5877	1.0000
1	-7	3	18.970	19.146	-19.146	-.038	.176	-.3877	1.0000
1	-7	4	23.852	25.839	25.838	.160	-1.987	-5.7715	1.0000
1	-7	5	4.552	.301	.281	-.109	4.251	5.7560	1.0000
1	-7	6	3.472	2.610	-2.610	-.013	.862	.9129	1.0000
1	-7	7	5.950	6.905	6.905	.077	-.956	-1.6237	1.0000
1	-5	-9	15.583	14.541	14.539	.248	1.043	4.0262	1.0000
1	-5	-8	12.882	12.842	-12.841	-.124	.040	.1410	1.0000
1	-5	-7	10.587	10.565	-10.563	-.163	.022	.0683	1.0000
1	-5	-6	9.454	9.302	9.302	.022	.152	.4199	1.0000
1	-5	-5	12.667	11.664	-11.664	-.086	1.003	2.5070	1.0000
1	-5	-4	24.625	22.804	22.799	.482	1.822	3.7980	1.0000
1	-5	-3	17.505	16.569	-16.569	.022	.935	2.1623	1.0000
1	-5	-2	16.001	18.963	-18.943	-.863	-2.962	-6.8016	1.0000
1	-5	-1	42.348	42.251	42.248	.470	.097	.1828	1.0000
1	-5	0	8.177	6.054	-6.021	.626	2.124	3.4203	1.0000
1	-5	1	31.066	34.508	-34.504	-.503	-3.441	-7.5458	1.0000
1	-5	2	7.121	5.643	-5.642	-.109	1.477	4.1494	1.0000
1	-5	3	13.847	11.869	-11.868	-.120	1.975	4.2561	1.0000
1	-5	4	19.491	17.464	-17.464	-.043	2.027	4.5621	1.0000
1	-5	5	39.661	38.973	38.970	.488	.688	1.5806	1.0000
1	-5	6	3.746	5.087	-5.085	-.148	-1.341	-1.4844	1.0000
1	-5	7	25.235	26.445	-26.443	-.346	-1.210	-6.8561	1.0000
1	-5	8	11.440	10.529	10.528	.174	.911	2.8143	1.0000
1	-3	-9	7.297	7.571	-7.569	-.148	-.273	-.5632	1.0000
1	-3	-8	15.277	14.660	-14.659	-.166	.617	2.5569	1.0000
1	-3	-7	22.327	22.507	22.504	.361	-.179	-.7253	1.0000
1	-3	-6	20.818	21.050	21.047	.311	-.232	-.7650	1.0000
1	-3	-5	55.524	61.269	-61.266	-.615	-5.745	-7.9043	1.0000
1	-3	-4	27.803	28.888	-28.886	-.256	-1.084	-2.4567	1.0000
1	-3	-3	1.957	4.192	4.163	.492	-2.236	-1.5995	1.0000
1	-3	-2	49.039	51.838	51.838	.290	-2.799	-6.0213	1.0000
1	-3	-1	25.785	29.186	29.185	.166	-3.401	-5.2298	1.0000
1	-3	0	97.437	99.220	-99.219	-.519	-1.784	-5.0516	1.0000
1	-3	1	83.872	90.175	-90.174	-.519	-6.303	-16.2292	1.0000
1	-3	2	16.195	16.656	16.640	.724	-.461	-1.1345	1.0000
1	-3	3	38.411	37.617	37.616	.261	.794	1.6545	1.0000
1	-3	4	50.066	52.612	-52.608	-.615	-2.546	-3.4067	1.0000
1	-3	5	12.720	14.233	-14.232	-.086	-1.512	-4.5890	1.0000
1	-3	6	7.509	10.077	10.074	.210	-2.567	-5.3860	1.0000
1	-3	7	5.037	4.180	4.177	.133	.858	1.3253	1.0000
1	-3	8	4.702	4.248	4.248	.025	.454	.6193	1.0000
1	-1	-9	2.972	1.068	1.068	.014	1.504	1.6849	1.0000
1	-1	-8	10.602	14.894	14.893	.174	-4.293	-12.9103	1.0000
1	-1	-7	16.189	17.022	-17.021	-.210	-.833	-3.6295	1.0000
1	-1	-6	14.833	15.136	-15.134	-.260	-.303	-1.0961	1.0000
1	-1	-5	50.307	51.639	51.637	.463	-1.332	-2.5724	1.0000
1	-1	-4	13.629	14.301	-14.301	-.008	-.671	-1.6294	1.0000

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-1	-3	26.135	23.090	23.089	-.291	3.045	7.8386	1.0000
1	-1	-2	59.373	60.292	60.291	.320	-.915	-2.2973	1.0000
1	-1	-1	31.496	32.245	-32.245	-.149	-.745	-2.2941	1.0000
1	-1	0	20.647	22.825	22.824	.102	-2.177	-6.2711	1.0000
1	-1	1	75.845	77.535	77.534	.379	-1.690	-4.6331	1.0000
1	-1	2	26.759	31.340	-31.333	-.683	-4.581	-9.9170	1.0000
1	-1	3	58.461	58.452	-58.452	-.192	.008	.0153	1.0000
1	-1	4	54.365	52.125	52.122	.514	2.240	3.2534	1.0000
1	-1	5	8.666	8.686	8.685	-.093	-.020	-.0466	1.0000
1	-1	6	7.053	6.979	-6.979	-.086	.074	-.1522	1.0000
1	-1	7	4.290	4.905	4.904	.034	-.614	-.8032	1.0000
1	-1	8	6.379	6.412	-6.411	-.090	-.033	-.0609	1.0000
2	-18	-4	10.428	10.350	10.348	.176	.078	.2141	1.0000
2	-16	-4	16.719	16.062	16.060	.225	.657	2.7581	1.0000
2	-16	-3	10.608	11.008	-11.006	-.173	-.400	-1.1720	1.0000
2	-16	-2	16.057	15.645	-15.644	-.169	.412	1.7286	1.0000
2	-16	-1	15.813	15.878	15.677	.197	-.065	-.2641	1.0000
2	-16	0	2.701	2.066	2.066	.002	.635	.5054	1.0000
2	-16	1	2.174	2.566	-2.566	-.006	-.391	-.2519	1.0000
2	-16	2	2.192	.566	.566	.026	1.626	1.0387	1.0000
2	-16	3	9.263	8.511	-5.509	-.167	.752	1.9071	1.0000
2	-14	-6	8.507	7.856	7.855	.149	.650	1.5565	1.0000
2	-14	-5	5.414	5.697	-5.696	-.112	-.283	-4.583	1.0000
2	-14	-4	17.893	19.001	-18.998	-.342	-1.108	-5.1597	1.0000
2	-14	-3	19.453	19.858	19.856	.280	-.405	-2.0247	1.0000
2	-14	-2	21.521	21.842	21.840	.293	-.321	-1.7061	1.0000
2	-14	-1	16.737	15.777	-15.774	-.278	.960	4.2374	1.0000
2	-14	0	6.067	6.748	-6.747	-.097	-.681	-1.2175	1.0000
2	-14	1	2.154	1.482	-1.482	-.009	.672	.4408	1.0000
2	-14	2	6.420	8.433	8.433	.077	-2.013	-3.8213	1.0000
2	-14	3	17.840	18.380	18.379	.242	-.540	-2.4146	1.0000
2	-14	4	12.111	12.559	-12.551	-.191	-.442	-1.4159	1.0000
2	-12	-7	14.936	13.330	-13.328	-.255	1.606	6.2011	1.0000
2	-12	-6	2.157	.190	.186	.035	1.967	1.2759	1.0000
2	-12	-5	15.772	16.695	16.694	.218	-.924	-3.9762	1.0000
2	-12	-4	9.510	9.867	-9.866	-.115	-.357	-.9948	1.0000
2	-12	-3	3.390	2.541	-2.540	.071	.849	.8639	1.0000
2	-12	-2	4.219	3.311	-3.309	-.110	.909	1.1481	1.0000
2	-12	-1	18.443	17.917	-17.916	-.232	.526	2.0085	1.0000
2	-12	0	34.562	34.501	34.498	.448	.061	.1426	1.0000
2	-12	1	7.497	4.332	-4.332	.033	3.165	6.9851	1.0000
2	-12	2	30.051	30.874	-30.871	-.434	-.622	-2.4733	1.0000
2	-12	3	14.292	14.945	14.943	.157	-.653	-2.5786	1.0000
2	-12	4	2.151	2.643	2.640	.127	-.492	-.3206	1.0000
2	-12	5	4.296	2.229	-2.228	-.064	2.067	2.6406	1.0000
2	-10	-8	2.183	1.638	-1.638	-.038	.545	.3492	1.0000
2	-10	-7	2.148	.319	.315	.049	1.829	1.1932	1.0000
2	-10	-6	12.114	13.419	-13.419	-.098	-1.305	-4.5249	1.0000
2	-10	-5	2.148	.574	.574	-.006	1.574	1.0250	1.0000
2	-10	-4	27.950	28.089	28.088	.242	-.138	-.4525	1.0000
2	-10	-3	28.053	29.371	-29.370	-.179	-1.317	-3.2208	1.0000
2	-10	-2	33.509	35.467	-35.466	-.138	-1.958	-4.0083	1.0000
2	-10	-1	30.081	30.563	30.563	.218	-.483	-1.0317	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-10	0	6.565	4.373	4.372	-.097	2.191	3.8585	1.0000
2	-10	1	18.911	17.472	-17.472	.012	1.449	4.2918	1.0000
2	-10	2	2.151 *	3.983	-3.981	.093	-1.832	-1.1925	1.0000
2	-10	3	12.485	11.152	-11.150	-.202	1.333	4.6695	1.0000
2	-10	4	7.615	7.682	7.682	.077	-.067	-.1501	1.0000
2	-10	5	5.090	5.361	5.360	.138	-.271	-.4075	1.0000
2	-10	6	9.610	9.001	-9.000	-.118	.609	1.6164	1.0000
2	-8	-8	3.325 *	3.824	-3.823	-.112	-.499	-.4875	1.0000
2	-8	-7	30.151	29.277	29.274	.442	.874	3.0020	1.0000
2	-8	-6	6.026	5.920	5.920	-.011	.106	.1898	1.0000
2	-8	-5	37.493	35.808	-35.806	-.392	1.684	3.6931	1.0000
2	-8	-4	11.470	10.306	10.306	.100	1.163	2.8446	1.0000
2	-8	-3	15.775	16.354	16.354	-.045	-.580	-1.4073	1.0000
2	-8	-2	29.960	30.079	30.078	.274	-.119	-.2561	1.0000
2	-8	-1	41.545	40.931	40.930	.308	.613	1.1577	1.0000
2	-8	0	101.276	104.428	-104.425	-.812	-3.152	-5.4095	1.0000
2	-8	1	5.299	4.272	4.272	-.079	1.027	1.5242	1.0000
2	-8	2	90.531	92.670	92.667	.746	-2.135	-3.2456	1.0000
2	-8	3	19.094	19.384	-19.384	-.168	-.291	-.9407	1.0000
2	-8	4	19.347	18.907	-18.905	-.234	.440	2.2320	1.0000
2	-8	5	2.842 *	.499	-.498	.026	2.344	2.0063	1.0000
2	-8	6	5.529	2.638	2.637	-.056	2.891	4.7240	1.0000
2	-8	7	12.926	11.144	11.143	.189	1.782	5.9953	1.0000
2	-6	-9	12.255	10.715	10.713	.196	1.541	5.0341	1.0000
2	-6	-8	7.030	7.386	7.386	.065	-.357	-.7300	1.0000
2	-6	-7	19.662	20.554	-20.551	-.343	-.893	-4.4620	1.0000
2	-6	-6	10.399	10.487	-10.486	-.096	.512	1.6115	1.0000
2	-6	-5	34.491	34.217	34.215	.357	.274	.5791	1.0000
2	-6	-4	32.064	31.701	31.701	.179	.363	.6698	1.0000
2	-6	-3	8.289	8.771	-8.769	-.137	-.482	-.8570	1.0000
2	-6	-2	48.286	44.684	-44.682	-.400	3.602	6.0604	1.0000
2	-6	-1	15.080	5.970	5.970	-.067	9.110	22.9330	1.0000
2	-6	0	70.263	68.719	68.717	.575	1.544	2.9641	1.0000
2	-6	1	6.612	4.463	-4.463	.011	2.149	4.9350	1.0000
2	-6	2	48.910	45.755	-45.752	-.536	3.154	4.4479	1.0000
2	-6	3	13.082	12.956	12.956	.001	.126	.3868	1.0000
2	-6	4	23.316	23.014	23.012	.284	.302	.8780	1.0000
2	-6	5	6.529	7.690	7.689	.123	-1.161	-2.2043	1.0000
2	-6	6	2.151 *	2.875	-2.874	-.085	-.724	-.4713	1.0000
2	-6	7	9.866	10.752	-10.750	-.192	-.885	-2.4268	1.0000
2	-4	-9	2.180 *	.822	-.822	.011	1.358	.6708	1.0000
2	-4	-8	2.142 *	2.277	2.274	.099	-.134	-.0879	1.0000
2	-4	-7	14.456	14.892	-14.890	-.192	-.435	-1.7404	1.0000
2	-4	-6	2.148 *	1.110	1.088	.218	1.038	.6770	1.0000
2	-4	-5	19.114	19.329	19.328	.086	-.214	-.4793	1.0000
2	-4	-4	44.319	47.198	-47.195	-.509	-2.878	-5.7881	1.0000
2	-4	-3	12.661	12.190	-12.181	.455	.472	1.2237	1.0000
2	-4	-2	14.574	13.201	13.198	.239	1.373	3.9554	1.0000
2	-4	-1	81.518	83.389	-83.386	-.663	-1.871	-4.4152	1.0000
2	-4	0	57.328	59.254	59.253	.022	-1.926	-4.0398	1.0000
2	-4	1	61.294	57.730	-57.730	.022	3.564	7.0833	1.0000
2	-4	2	57.532	64.448	-64.448	-.313	3.084	5.5162	1.0000
2	-4	3	65.782	68.411	68.409	.472	-2.625	-3.9890	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-4	4	19.288	19.889	-19.889	-.097	-.601	-1.4917	1.0000
2	-4	5	20.624	22.064	-22.062	-.301	-1.441	-5.6277	1.0000
2	-4	6	14.721	14.863	14.863	.283	-.144	-.5704	1.0000
2	-4	7	2.177 *	2.142	-2.142	-.005	.036	.0230	1.0000
2	-2	-9	9.434	9.228	-9.226	-.149	.206	.5508	1.0000
2	-2	-8	3.640 *	3.721	-3.721	-.039	-.081	-.0909	1.0000
2	-2	-7	16.522	16.561	16.561	.236	-.041	-.1830	1.0000
2	-2	-6	10.460	7.969	7.968	.097	2.491	7.1154	1.0000
2	-2	-5	20.871	22.321	-22.321	-.246	-1.451	-3.2452	1.0000
2	-2	-4	18.523	18.520	-18.519	-.151	.003	.0074	1.0000
2	-2	-3	13.582	14.373	14.373	.203	-.792	-1.9371	1.0000
2	-2	-2	42.236	44.399	44.399	.314	-2.164	-4.5397	1.0000
2	-2	-1	17.711	16.684	-16.684	-.136	1.027	1.7531	1.0000
2	-2	0	106.326	106.475	-106.474	-.544	-.149	-.4094	1.0000
2	-2	1	24.693	25.473	-25.473	-.063	-.780	-1.9636	1.0000
2	-2	2	63.819	64.772	64.770	.422	-.953	-1.8188	1.0000
2	-2	3	19.223	15.813	15.813	.126	3.410	7.9924	1.0000
2	-2	4	27.391	26.478	-26.478	-.200	.913	2.0683	1.0000
2	-2	5	10.481	10.414	-10.414	-.131	.067	.2041	1.0000
2	-2	6	8.986	8.832	8.831	.088	.155	.3979	1.0000
2	-2	7	8.754	8.194	8.192	.143	.560	1.4208	1.0000
2	-2	8	4.917	3.175	-3.175	-.031	1.742	2.4868	1.0000
2	0	-9	10.781	10.980	10.978	.170	-.198	-.6022	1.0000
2	0	-8	2.139 *	5.032	5.031	-.078	-2.893	-1.8942	1.0000
2	0	-7	6.050	3.046	-3.045	-.063	3.004	5.4586	1.0000
2	0	-6	28.518	29.104	-29.101	-.388	-.585	-1.3439	1.0000
2	0	-5	15.674	16.105	16.103	.233	-.430	-1.0593	1.0000
2	0	-4	142.930	142.837	142.837	.926	.090	.1825	1.0000
2	0	-3	13.785	20.954	-20.943	-.670	-7.168	-15.6162	1.0000
2	0	-2	145.366	146.344	-146.343	-.724	-.978	-2.7699	1.0000
2	0	-1	137.601	146.960	146.958	.658	-9.358	-29.7243	1.0000
2	0	0	3.196 *	5.641	-5.641	.000	-2.445	-1.0710	1.0000
2	0	1	9.760	8.589	8.589	-.054	1.171	2.1172	1.0000
2	0	2	32.261	31.078	31.078	-.011	1.184	2.6119	1.0000
2	0	3	52.823	51.276	-51.272	-.572	1.548	2.4125	1.0000
2	0	4	58.028	58.054	58.052	.439	-.025	-.0352	1.0000
2	0	5	32.476	32.464	32.460	.527	.012	.0297	1.0000
2	0	6	27.538	26.784	-26.780	-.463	.755	2.9477	1.0000
2	0	7	6.053	6.726	-6.724	-.173	-.674	-1.2243	1.0000
2	0	8	8.551	7.782	7.780	.171	.768	1.8521	1.0000
3	-17	-3	5.320	4.882	4.881	.081	.438	.6645	1.0000
3	-17	-2	20.162	19.615	-19.613	-.319	.547	2.5447	1.0000
3	-17	-1	2.707 *	1.539	1.538	.055	1.168	.9085	1.0000
3	-17	0	19.682	19.261	19.258	.339	.421	1.9353	1.0000
3	-17	1	9.722	8.978	-8.976	-.187	.744	1.9303	1.0000
3	-15	-5	5.753	6.287	-6.286	-.067	-.534	-.8945	1.0000
3	-15	-4	5.205	5.523	-5.522	-.055	-.317	-.4882	1.0000
3	-15	-3	8.948	8.873	8.873	.066	.075	.1923	1.0000
3	-15	-2	10.569	10.482	10.482	.083	.087	.2595	1.0000
3	-15	-1	8.448	6.960	-6.959	-.057	1.488	3.6125	1.0000
3	-15	0	9.027	8.213	-8.212	-.082	.815	2.1141	1.0000
3	-15	1	6.753	6.462	6.462	.022	.291	.5587	1.0000
3	-15	2	5.049	4.616	4.615	.065	.434	.6409	1.0000

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
3	-15	3	2.189 *	.696	.696	.022	1.493	.9555	1.0000	**
3	-13	-7	8.339	6.804	6.803	.122	1.535	3.5733	1.0000	**
3	-13	-6	10.881	8.448	-8.447	-.144	2.433	7.5178	1.0000	*
3	-13	-5	8.357	8.103	8.103	.090	.254	.6256	1.0000	*
3	-13	-4	2.130 *	1.837	-1.837	-.040	.293	.1925	1.0000	*
3	-13	-3	11.149	12.251	-12.249	-.207	-1.102	-3.5319	1.0000	*
3	-13	-2	23.028 *	23.168	23.165	.380	-.140	-.5299	1.0000	*
3	-13	-1	2.860 *	1.681	-1.681	-.028	1.175	1.0092	1.0000	*
3	-13	0	17.516	17.006	-17.001	-.389	.511	2.3455	1.0000	*
3	-13	1	14.268	14.902	14.900	.263	-.634	-2.5050	1.0000	*
3	-13	2	2.133 *	.250	-.244	.055	1.833	1.2357	1.0000	*
3	-13	3	5.188	6.025	-6.023	-.132	-.837	-1.2647	1.0000	*
3	-13	4	10.787	10.224	10.224	.135	.563	1.6482	1.0000	*
3	-11	-7	13.079	12.011	-12.010	-.188	1.068	3.7816	1.0000	*
3	-11	-6	10.881	10.983	-10.982	-.143	-.102	-.3138	1.0000	*
3	-11	-5	17.060	16.197	16.195	.267	.863	3.9113	1.0000	*
3	-11	-4	10.699	10.396	10.393	.221	.303	.9198	1.0000	*
3	-11	-3	17.361	17.055	-17.053	-.264	.305	1.4208	1.0000	*
3	-11	-2	23.887	24.447	-24.446	-.240	-.561	-1.7318	1.0000	*
3	-11	-1	2.151 *	3.599	-3.597	.116	-1.448	-.9430	1.0000	*
3	-11	0	23.225	23.529	23.528	.254	-.304	-.9316	1.0000	*
3	-11	1	6.435	5.934	5.933	.070	.501	.9465	1.0000	*
3	-11	2	21.230	21.652	-21.650	-.275	-.422	-1.7712	1.0000	*
3	-11	3	14.639	15.793	-15.792	-.146	-1.154	-4.5090	1.0000	*
3	-11	4	14.603	14.781	14.779	.239	-.177	-.7007	1.0000	*
3	-11	5	8.586	8.073	8.072	.122	.513	1.2270	1.0000	*
3	-9	-8	8.274	7.532	-7.531	-.105	.743	1.7405	1.0000	*
3	-9	-7	8.592	9.032	9.031	.125	-.440	-1.0984	1.0000	*
3	-9	-6	24.084	25.024	25.022	.329	-.940	-3.6733	1.0000	*
3	-9	-5	43.428	41.669	-41.666	-.436	1.759	3.5166	1.0000	*
3	-9	-4	17.328	16.554	-16.552	-.242	.774	2.3920	1.0000	*
3	-9	-3	52.961	50.135	50.133	.534	2.826	5.1358	1.0000	*
3	-9	-2	8.068	7.717	-7.717	-.078	.351	.7410	1.0000	*
3	-9	-1	18.402	17.678	-17.678	-.110	.724	1.7079	1.0000	*
3	-9	0	2.283 *	1.923	-1.923	.043	.360	.2204	1.0000	*
3	-9	1	16.184	14.195	-14.191	-.343	1.988	5.4940	1.0000	*
3	-9	2	21.924	20.124	20.121	.340	1.800	5.8272	1.0000	*
3	-9	3	20.562	19.060	19.057	.299	1.502	6.1510	1.0000	*
3	-9	4	24.884	26.491	-26.487	-.451	-1.607	-6.4237	1.0000	*
3	-9	5	5.723	4.336	-4.336	-.031	1.387	2.3563	1.0000	*
3	-9	6	12.879	12.129	12.128	.204	.750	2.5479	1.0000	*
3	-9	7	5.502	4.689	4.689	.053	.813	1.2910	1.0000	*
3	-9	8	2.472 *	1.695	-1.695	-.049	.776	.5723	1.0000	*
3	-9	9	2.151 *	2.805	-2.805	-.029	-.654	-.4260	1.0000	*
3	-7	-6	18.858	18.476	18.476	.122	.382	1.8291	1.0000	*
3	-7	-5	11.081	11.479	-11.479	-.097	-.398	-1.1854	1.0000	*
3	-7	-4	5.808	4.517	4.516	.040	1.292	2.0905	1.0000	*
3	-7	-3	23.334	22.301	22.300	.147	1.033	2.3883	1.0000	*
3	-7	-2	7.071	2.449	-2.443	-.169	4.622	7.1727	1.0000	*
3	-7	-1	12.703	12.326	12.326	-.005	.376	.9135	1.0000	*
3	-7	0	14.851	15.986	15.985	.179	-1.136	-2.0975	1.0000	*
3	-7	1	2.207 *	2.246	-2.240	-.159	-.039	-.0246	1.0000	*
3	-7	2	2.283 *	1.990	-1.990	.027	.293	.1797	1.0000	*

MONALBITE AT 1060 DEGREES C FO-FC TABLE

STRUCTURE FACTORS

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	-7	3	21.789	21.543	21.543	.134	.246	.8354	1.0000
3	-7	4	2.174 *	2.335	-2.332	-.118	-.161	-.1035	1.0000
3	-7	5	2.157 *	3.352	-3.352	.009	-1.195	-.7751	1.0000
3	-7	6	3.690 *	4.487	4.487	.049	-.797	-.6571	1.0000
3	-5	-9	2.177 *	.465	.463	.040	1.712	1.1021	1.0000
3	-5	-8	4.982	5.169	5.167	.122	-.187	-.2776	1.0000

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RESULTS OF STRUCTURE FACTOR CALCULATIONS

MONALBITE AT 1060 DEGREES C FO-FC TABLE

ALL REFLECTIONS

WEIGHTED R	NUMERATOR	DENOMINATOR	NUMBER	R
	6796.01	2601972.46	430	.051
UNWEIGHTED R	475.22	8463.90	430	.056
RANGES OF F(OBS)				
	3079.69	605106.09	324	.071
	759.36	417336.96	61	.043
	414.86	268775.84	27	.039
	435.26	193065.52	8	.047
	65.32	125232.19	3	.023
	56.75	140815.94	2	.020
	891.24	445104.22	3	.045
	1093.54	406535.70	2	.052

RANGES OF (SIN(THETA)/LAMBDA)\*\*2

3297.12	1333539.52	44	.050
1058.26	324035.83	49	.057
469.14	162554.90	49	.054
386.50	231887.70	57	.041
532.82	247981.32	61	.046
510.08	149060.16	58	.058
203.51	74343.39	56	.052
338.59	78569.63	56	.066

UNREJECTED REFLECTIONS

WEIGHTED R	3602.80	2122584.25	355	.041
UNWEIGHTED R	344.30	7741.43	355	.044

RANGES OF F(OBS)

2234.07	602285.22	254	.061
759.36	417336.96	61	.043
352.38	262939.37	26	.037
109.57	137736.18	6	.028
65.32	125232.19	3	.023
56.75	140815.94	2	.020
7.71	254094.38	2	.006
17.66	182144.01	1	.010

RANGES OF (SIN(THETA)/LAMBDA)\*\*2

826.76	870602.32	38	.031
532.34	322594.65	48	.041
340.39	147980.66	42	.048
377.51	231846.30	50	.040
519.46	247913.98	52	.046
494.88	148955.25	40	.058
182.41	74169.22	40	.050
329.06	78521.87	45	.065

SUM FCAL 8446.99  
STANDARD DEV OF UNIT WEIGHT OBS 3.51