

H	K	L	F(CBS)	F(CALC)	A(CALC)	S(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-1	0	19.632	19.259	19.259	.071	.373	1.6677	1.0000
2	-1	1	58.435	58.808	-58.806	-.454	-.373	-2.5954	1.0000
2	-1	2	28.819	27.712	27.712	.195	1.107	5.6327	1.0000
2	-1	3	6.977	6.528	-6.528	-.064	.449	2.9082	1.0000
2	-1	4	2.697	1.253	1.250	.044	1.444	5.4152	1.0000
2	-1	5	25.792	24.743	-24.741	.348	1.045	5.1238	1.0000
2	-1	6	20.972	26.224	-26.221	-.339	.749	3.2491	1.0000
2	-1	7	13.658	13.793	-13.785	-.460	.090	.6881	1.0000
2	-1	8	48.518	50.878	50.872	.625	-2.298	-6.2777	1.0000
2	-1	9	2.888	1.643	-1.643	-.020	.799	2.1628	1.0000
2	0	-5	7.024	7.072	-7.072	-.109	-.046	-.3666	1.0000
2	0	-6	7.236	7.691	7.601	.056	-.046	-.3666	1.0000
2	0	-4	3.396	3.265	-3.265	-.019	-.366	-3.3617	1.0000
2	0	-3	10.868	10.966	-10.966	-.019	.131	.6847	1.0000
2	0	-2	30.433	31.163	-31.163	-.067	-.123	-.9012	1.0000
2	0	-1	5.749	6.156	-6.156	.291	.749	-4.2682	1.0000
2	0	0	72.926	72.142	-72.141	-.041	-.413	-1.6639	1.0000
2	0	1	11.295	10.959	-10.959	-.430	.787	5.0846	1.0000
2	0	2	118.376	116.574	-116.574	-.086	.503	2.5493	1.0000
2	0	3	14.453	14.085	-14.085	-.179	-.196	-1.0817	1.0000
2	0	4	22.392	21.599	-21.596	.140	.366	2.2937	1.0000
2	0	5	2.148	1.473	1.473	-.266	.792	4.1550	1.0000
2	0	6	2.956	2.507	-2.507	.015	.674	2.0890	1.0000
2	0	7	4.382	3.475	-3.475	.091	.451	1.6271	1.0000
2	0	8	7.521	7.872	-7.872	-.069	.907	3.8777	1.0000
2	0	9	1.702	.041	.025	-.106	.351	-2.1269	1.0000
2	1	-7	17.123	17.899	-17.898	.033	1.661	3.5405	1.0000
2	1	-6	19.452	20.799	-20.799	-.233	-.776	-4.7734	1.0000
2	1	-5	13.000	13.450	-13.450	.193	-1.307	-6.6918	1.0000
2	1	-4	29.194	30.049	-30.049	-.084	-.430	-2.7017	1.0000
2	1	-3	44.966	45.867	-45.867	-.401	-.899	-4.1301	1.0000
2	1	-2	55.369	56.461	-56.461	-.390	-.903	-5.1818	1.0000
2	1	-1	11.987	12.323	-12.323	-.099	-1.111	-7.1982	1.0000
2	1	0	4.827	5.304	-5.304	.057	-.336	-2.0361	1.0000
2	1	1	2.694	2.431	2.429	-.057	-.477	-2.6987	1.0000
2	1	2	32.769	32.088	-32.086	.009	.263	1.0564	1.0000
2	1	3	6.017	4.634	-4.634	-.298	.682	2.9579	1.0000
2	1	4	43.273	43.048	-43.046	.027	1.182	9.0266	1.0000
2	1	5	30.162	29.857	-29.854	.453	.226	.7872	1.0000
2	1	6	4.599	5.205	-5.205	.462	.305	1.2963	1.0000
2	1	7	1.181	.902	-.902	.305	-.477	-2.6987	1.0000
2	1	8	11.453	11.978	-11.978	-.033	-.610	-2.5421	1.0000
2	1	9	5.487	5.601	-5.600	.279	.279	.3307	1.0000
2	2	-6	2.786	2.762	2.761	.136	-.526	-4.3606	1.0000
2	2	-5	17.914	18.716	-18.715	.077	-.113	-.7516	1.0000
2	2	-4	12.491	12.809	-12.808	.059	.024	.1129	1.0000
2	2	-3	9.222	9.375	-9.373	-.177	-.802	-4.3113	1.0000
2	2	-2	32.203	33.100	-33.098	-.176	-.318	-2.0584	1.0000
2	2	-1	39.314	33.398	-33.396	.184	-.153	-1.2212	1.0000
2	2	0	31.152	31.268	-31.269	.402	-.897	-5.0445	1.0000
2	2	1	27.666	27.207	-27.207	.503	5.976	33.9433	1.0000
2	2	2	2.725	2.784	-2.782	-.412	-.116	-.6019	1.0000
2	2	3	.971	.716	-.716	.125	.459	2.0876	1.0000
2	2	4	*	*	*	.092	-.059	-1.2139	1.0000
2	2	5	*	*	*	-.004	.295	.3681	1.0000

H	K	L	F(0BS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	2	5	10.574	10.563	10.562	.123	.011	.0944	1.0000
2	2	6	19.432	19.215	19.214	.191	.217	1.2119	1.0000
2	2	7	15.096	14.654	-14.650	.366	.442	3.1480	1.0000
2	2	-6	15.471	16.515	16.511	.332	-1.044	-6.7622	1.0000
2	2	-7	20.180	21.118	21.117	.196	-.938	-5.1393	1.0000
2	2	-6	2.684	3.362	-3.362	-.072	-.677	-2.4250	1.0000
2	2	-5	9.393	10.442	10.442	.016	-.746	-6.5619	1.0000
2	2	-4	32.283	34.463	34.460	.422	-2.180	-6.5491	1.0000
2	2	-3	21.589	23.225	-23.265	.195	-1.676	-6.4234	1.0000
2	2	-2	10.806	10.747	10.746	.079	.059	.4286	1.0000
2	2	-1	3.315	2.960	-2.960	-.009	.355	1.4835	1.0000
2	2	0	14.054	13.742	-13.741	.104	.312	1.6158	1.0000
2	2	1	1.363	1.113	-1.113	.003	.280	.4967	1.0000
2	2	2	10.988	10.973	-10.973	-.081	.019	.3019	1.0000
2	2	3	19.873	20.409	20.409	.054	-.623	-3.2396	1.0000
2	2	4	20.862	31.112	-31.109	.415	-.250	-.6831	1.0000
2	2	5	13.530	13.487	-13.483	-.304	.043	.8200	1.0000
2	2	6	3.041	2.768	-2.768	.049	.273	.8624	1.0000
2	2	7	8.035	7.730	7.725	.282	.304	1.4064	1.0000
2	2	-7	3.793	3.659	-3.659	-.035	.134	.5157	1.0000
2	2	-6	1.070	2.717	2.717	.028	-.164	-2.1561	1.0000
2	2	-5	5.409	5.485	5.485	.056	-.076	-.5246	1.0000
2	2	-4	1.409	.497	.480	.126	.992	2.5479	1.0000
2	2	-3	25.033	26.619	-26.619	-.171	-1.584	-6.2790	1.0000
2	2	-2	127.093	139.472	-139.470	-.826	-12.375	-35.8942	1.0000
2	2	-1	33.949	33.622	33.621	.170	.177	.6012	1.0000
2	2	0	17.295	17.302	17.302	.117	-.007	-.0371	1.0000
2	2	1	2.017	1.705	-1.704	.051	.312	.6497	1.0000
2	2	2	1.215	.826	-.825	-.036	.389	.6450	1.0000
2	2	3	5.472	5.359	-5.359	-.088	.119	.6018	1.0000
2	2	4	14.769	14.374	-14.371	-.497	.395	2.6352	1.0000
2	2	5	14.031	14.018	14.017	.181	.012	.0935	1.0000
2	2	6	23.680	23.522	23.519	.382	.157	.7266	1.0000
2	2	7	11.956	11.990	11.989	.143	-.035	-.2695	1.0000
2	2	-6	10.022	10.010	-10.009	-.109	.012	.0982	1.0000
2	2	-5	6.967	7.075	7.074	.091	-.108	-.6084	1.0000
2	2	-4	12.544	12.617	-12.616	-.155	-.069	-.5195	1.0000
2	2	-3	9.910	.370	-.370	-.002	.540	1.3307	1.0000
2	2	-2	6.335	6.310	-6.309	-.067	.026	.2263	1.0000
2	2	-1	3.927	3.4491	-3.4491	.046	.635	2.3851	1.0000
2	2	0	48.363	49.070	49.068	.471	-.706	-2.9512	1.0000
2	2	1	11.600	12.249	12.249	-.092	-.649	-4.5513	1.0000
2	2	2	6.430	6.425	6.425	.005	.005	.0360	1.0000
2	2	3	27.686	27.219	27.218	.295	.667	2.2283	1.0000
2	2	4	7.403	7.566	7.566	.212	-.085	-.6154	1.0000
2	2	5	25.194	24.651	-24.690	-.269	.503	2.4870	1.0000
2	2	6	17.157	16.566	16.558	.246	.597	3.5446	1.0000
2	2	7	8.714	8.734	8.733	.155	-.020	-.1233	1.0000
2	2	-6	5.430	5.735	5.733	.025	-.305	-1.5718	1.0000
2	2	-5	19.694	20.344	-20.343	-.185	-.650	-3.7547	1.0000
2	2	-4	13.891	14.470	14.457	.603	-.578	-4.3766	1.0000
2	2	-3	22.826	23.610	23.610	.164	-.785	-3.7264	1.0000
2	2	-2	7.904	7.914	7.914	.031	-.010	-.0919	1.0000

KVANITE (DELAWARE) AT 25 DEGREES C FD-FC TABLE

STRUCTURE FACTORS

H	K	L	F(HRS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	6	-1	24.578	25.109	-25.108	-.220	-.230	-.6450	1.0000
2	6	0	2.500	2.762	2.762	-.009	-.262	-.9411	1.0000
2	6	1	7.357	7.403	7.403	.046	-.045	-.3753	1.0000
2	6	2	20.807	21.025	21.025	.167	-.215	-1.0104	1.0000
2	6	3	3.337	3.184	3.183	.061	.153	.6074	1.0000
2	6	4	4.761	5.063	-5.061	-.139	-.302	-1.4088	1.0000
2	6	5	27.026	26.720	-26.715	-.492	.306	1.4466	1.0000
2	6	6	1.473	2.399	-2.380	-.295	-.926	-1.1814	1.0000
2	7	-5	9.477	9.753	9.751	.177	-.276	-1.4852	1.0000
2	7	-4	3.430	7.945	-1.706	-.026	1.724	6.4348	1.0000
2	7	-3	7.940	7.945	7.944	.125	-.605	-.0292	1.0000
2	7	-2	11.104	11.111	11.109	.205	.809	.6591	1.0000
2	7	-1	35.825	36.634	-36.629	-.573	-.809	-2.7342	1.0000
2	7	0	12.039	12.005	-12.001	-.290	.034	.2721	1.0000
2	7	1	6.929	7.059	7.058	.086	-.129	-.9366	1.0000
2	7	2	7.047	6.777	6.777	.071	.657	.5224	1.0000
2	7	3	22.027	22.093	-22.082	-.235	-.057	-2.2975	1.0000
2	7	4	1.129	.341	.328	.101	.788	.9772	1.0000
2	7	5	12.398	12.306	-12.303	-.257	.092	.6939	1.0000
2	7	6	1.232	2.063	2.063	.023	-.832	-.9305	1.0000
2	8	-5	7.066	7.061	7.061	-.065	.005	-.0272	1.0000
2	8	-4	16.045	16.171	-16.168	-.289	-.126	-.6045	1.0000
2	8	-3	3.825	3.373	3.369	.145	.452	1.0683	1.0000
2	8	-2	9.181	9.273	9.273	.075	-.112	-.6707	1.0000
2	8	-1	5.117	4.877	-4.876	-.086	.241	1.3624	1.0000
2	8	0	5.387	4.874	4.874	.017	.443	2.6592	1.0000
2	8	1	6.466	6.660	6.659	.092	-.193	-1.1815	1.0000
2	8	2	1.146	1.726	-1.721	-.152	-.582	-.7103	1.0000
2	8	3	17.933	17.947	17.945	.260	-.014	-.0691	1.0000
2	8	4	46.077	44.913	44.509	.500	1.564	4.2187	1.0000
2	8	5	19.016	19.822	19.820	.253	-.606	-3.3204	1.0000
2	8	6	28.731	29.302	29.299	.431	-.571	-2.2271	1.0000
2	8	7	18.505	19.210	19.208	.262	-.705	-3.6979	1.0000
2	8	8	10.561	10.689	-10.687	-.205	-.128	-.9760	1.0000
2	9	0	7.291	7.275	-7.275	-.047	.016	.0963	1.0000
2	9	1	9.241	8.921	-8.920	-.045	.320	2.2428	1.0000
2	9	2	21.745	21.272	21.270	.292	.473	2.4439	1.0000
2	9	3	1.259	.118	-.118	-.006	1.140	1.2693	1.0000
2	9	4	7.721	7.699	7.698	.141	.022	.1267	1.0000
2	9	5	3.286	4.007	4.007	.021	-.722	-2.0567	1.0000
2	9	6	18.442	18.630	-18.627	-.340	-.189	-1.0148	1.0000
2	9	7	6.975	6.599	6.599	.005	.376	2.0216	1.0000
2	9	8	6.805	6.781	6.780	.088	.025	.1260	1.0000
2	9	9	3.373	3.493	3.490	.134	-.115	-.3494	1.0000
2	9	10	3.383	3.010	3.007	.182	-.373	1.0840	1.0000
2	10	-1	3.330	1.117	1.117	.017	.6213	6.7580	1.0000
2	10	0	9.787	9.677	9.673	.265	.110	.7374	1.0000
2	10	1	5.500	5.238	-5.238	-.139	.262	1.2053	1.0000
2	10	2	11.749	11.493	-11.490	-.266	.255	1.8500	1.0000
2	10	3	4.051	3.800	3.798	.122	.251	.8277	1.0000
2	10	4	4.416	2.346	-2.345	.064	.070	8.3463	1.0000
2	10	5	14.298	14.162	-14.162	.103	.136	.9019	1.0000
2	10	6	15.233	15.805	15.797	.505	-.572	-3.7601	1.0000

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
3	-10	-1	12.428	11.993	-11.993	-.106	.435	3.2346		1.0000
3	-10	0	2.865	2.534	-2.534	.020	.231	.5516		1.0000
3	-10	1	15.619	15.619	15.618	.182	.700	1.2497		1.0000
3	-10	2	2.779	2.320	-2.320	.017	.455	1.2584		1.0000
3	-10	3	8.491	8.486	-6.486	-.170	.005	1.0000		1.0000
3	-10	4	9.875	9.961	9.979	.229	-.107	1.0000		1.0000
3	-9	-5	1.213	.326	.316	.082	.887	1.0000		1.0000
3	-9	-4	8.649	8.178	-8.178	-.081	.471	3.1695		1.0000
3	-9	-3	1.142	1.188	-1.188	-.020	-.044	1.0000		1.0000
3	-9	-2	20.213	20.125	-20.125	-.214	.088	1.0000		1.0000
3	-9	-1	2.708	2.548	-2.548	-.051	.088	4.414		1.0000
3	-9	0	7.427	7.230	-7.230	.060	.207	1.0000		1.0000
3	-9	1	3.897	3.485	-3.485	.176	.207	1.0000		1.0000
3	-9	2	27.387	26.677	-26.675	-.294	.432	1.0000		1.0000
3	-9	3	28.371	27.342	-27.339	-.410	.711	3.0073		1.0000
3	-9	4	24.766	23.394	-23.392	-.300	1.025	4.1709		1.0000
3	-9	5	24.905	24.251	-24.248	.395	1.372	6.3403		1.0000
3	-8	-6	2.382	1.067	-1.064	.079	.654	2.8836		1.0000
3	-8	-5	21.176	20.927	-20.926	.214	.245	2.9497		1.0000
3	-8	-4	58.830	59.800	-59.796	-.672	.245	1.3141		1.0000
3	-8	-3	23.208	23.267	-23.266	-.247	-.159	1.0000		1.0000
3	-8	-2	1.902	1.902	.813	.097	1.0000	2.6251		1.0000
3	-8	-1	8.222	8.248	6.248	.041	1.0000	2.6251		1.0000
3	-8	0	2.731	1.688	-1.687	-.031	1.0000	3.6129		1.0000
3	-8	1	17.109	16.391	-16.390	.193	1.0000	4.5880		1.0000
3	-8	2	19.891	19.698	-19.698	-.259	.192	1.0000		1.0000
3	-8	3	3.799	3.695	-3.695	-.121	.4369	1.0000		1.0000
3	-8	4	20.875	25.681	25.679	.307	1.0000	4.6022		1.0000
3	-8	5	3.024	1.622	-1.622	.187	1.0000	4.6022		1.0000
3	-7	-6	4.645	4.901	-4.901	-.044	1.0000	1.0000		1.0000
3	-7	-5	1.103	4.980	4.980	.016	.123	1.0000		1.0000
3	-7	-4	4.287	3.626	-3.625	.100	.461	2.3454		1.0000
3	-7	-3	1.895	1.809	1.809	-.048	1.0000	2.6621		1.0000
3	-7	-2	25.309	25.336	25.335	.273	1.0000	1.0000		1.0000
3	-7	-1	9.380	9.770	-9.770	.007	-.027	1.0000		1.0000
3	-7	0	7.584	6.574	-6.573	-.081	-.390	1.0000		1.0000
3	-7	1	11.960	11.486	-11.484	-.222	.474	3.5882		1.0000
3	-7	2	39.878	39.300	-39.295	.870	2.0591	1.0000		1.0000
3	-7	3	19.004	18.132	-18.129	-.305	.873	1.0000		1.0000
3	-7	4	1.075	1.037	-1.037	.016	4.7516	1.0000		1.0000
3	-7	5	4.521	4.314	-4.314	-.040	.038	1.0000		1.0000
3	-7	6	3.693	3.184	-3.184	-.138	.9217	1.0000		1.0000
3	-7	7	15.237	15.547	-15.542	-.107	1.6524	1.0000		1.0000
3	-6	-6	5.571	6.282	6.272	.343	1.0000	1.0000		1.0000
3	-6	-5	24.480	24.614	24.610	.434	1.0000	1.0000		1.0000
3	-6	-4	13.936	14.347	14.346	.194	1.0000	1.0000		1.0000
3	-6	-3	7.003	6.505	-6.503	-.191	1.0000	1.0000		1.0000
3	-6	-2	10.690	10.899	-10.898	-.089	1.0000	1.0000		1.0000
3	-6	-1	18.010	18.010	-18.009	-.191	1.0000	1.0000		1.0000
3	-6	0	14.441	13.943	-13.943	.113	1.0000	1.0000		1.0000
3	-6	1	20.575	20.646	20.645	.197	1.0000	1.0000		1.0000
3	-6	2	9.347	9.573	9.573	.024	1.0000	1.0000		1.0000
3	-6	3	31.168	30.412	-30.411	-.270	1.0000	1.0000		1.0000

H	K	L	F (EBS)	F (CALC)	A (CALC)	B (CALC)	DELTA F	DELTA SIGMA	EXT. FACTOR
3	-6	4	17.8338	17.258	-17.245	-.661	.575	3.4645	1.0000
3	-6	5	24.4784	23.416	23.415	.213	1.066	4.3899	1.0000
3	-6	6	2.697	2.048	-2.048	.033	.585	1.5156	1.0000
3	-5	-7	1.1552	* .439	* .439	-.004	.714	.8666	1.0000
3	-5	-6	9.9776	10.3334	-10.333	-.108	-.357	.8666	1.0000
3	-5	-5	25.7777	26.720	26.218	.284	-.357	-2.6547	1.0000
3	-5	-4	11.5558	11.458	-11.486	-.214	.072	-2.0241	1.0000
3	-5	-3	49.7787	51.427	-51.426	-.398	.5714	.5714	1.0000
3	-5	-2	17.8380	17.825	-17.825	-.073	-.475	-6.8817	1.0000
3	-5	-1	2.914	2.865	-2.401	.152	-.475	-2.5391	1.0000
3	-5	0	54.575	53.911	-53.909	-.454	.448	1.7644	1.0000
3	-5	1	24.969	24.713	24.713	.121	.245	1.0247	1.0000
3	-5	2	8.349	7.754	-7.753	-.087	.592	4.6300	1.0000
3	-5	3	1.860	1.054	-1.054	.003	.806	2.2361	1.0000
3	-5	4	9.480	9.209	9.208	.053	.272	2.4727	1.0000
3	-5	5	3.255	2.685	2.684	.065	.571	2.4727	1.0000
3	-5	6	12.015	11.442	11.441	.106	.573	2.1972	1.0000
3	-5	7	10.702	10.963	-10.962	-.087	.739	4.4152	1.0000
3	-4	-7	10.140	10.277	-10.276	-.182	-.137	5.0529	1.0000
3	-4	-6	23.265	24.359	-24.356	-.384	-.437	-1.0329	1.0000
3	-4	-5	2.591	2.066	-2.066	-.033	.575	-4.6299	1.0000
3	-4	-4	10.017	9.870	9.868	.168	.168	2.0112	1.0000
3	-4	-3	17.292	17.364	17.363	.158	-.097	1.3717	1.0000
3	-4	-2	2.207	.041	-.030	.028	-.097	-3.802	1.0000
3	-4	-1	10.406	9.914	9.914	.055	2.166	7.2065	1.0000
3	-4	0	1.067	1.628	-1.619	-.172	.492	3.7523	1.0000
3	-4	1	26.427	25.222	-25.222	-.110	-.561	-.6960	1.0000
3	-4	2	131.592	143.354	143.352	.847	1.205	9.4218	1.0000
3	-4	3	23.409	23.247	23.246	.136	-.11.762	-5.2047	1.0000
3	-4	4	12.449	12.124	-12.124	-.093	.163	.0163	1.0000
3	-4	5	14.892	13.966	-13.965	-.130	.325	2.4159	1.0000
3	-4	6	1.138	1.291	-1.291	.013	.022	6.5406	1.0000
3	-4	7	2.924	2.830	-2.829	-.047	-.1870	-.1870	1.0000
3	-3	-8	9.519	9.576	9.574	.197	.095	.2483	1.0000
3	-3	-7	12.097	12.327	-12.327	-.261	-.056	-.3854	1.0000
3	-3	-6	3.069	2.346	-2.344	-.095	-.230	-1.7382	1.0000
3	-3	-5	11.235	10.680	10.674	.356	.723	4.1228	1.0000
3	-3	-4	39.675	39.666	39.663	.483	.552	4.3954	1.0000
3	-3	-3	21.647	21.287	-21.287	-.087	-.991	-5.9766	1.0000
3	-3	-2	12.743	12.483	-12.483	.109	.355	1.5133	1.0000
3	-3	-1	12.620	12.492	-12.491	-.182	.260	1.7616	1.0000
3	-3	0	18.970	18.511	18.510	.164	.128	.7447	1.0000
3	-3	1	4.687	4.458	-4.458	-.020	.457	2.1815	1.0000
3	-3	2	16.997	16.746	16.746	.108	.229	1.4627	1.0000
3	-3	3	9.045	8.600	8.600	.074	.251	1.3848	1.0000
3	-3	4	33.355	31.567	-31.563	-.460	.445	3.2809	1.0000
3	-3	5	20.183	19.275	-19.279	-.123	.904	6.5624	1.0000
3	-3	6	4.660	4.875	4.874	.099	.215	4.9537	1.0000
3	-3	7	14.989	13.273	-13.272	-.140	-.215	-.9979	1.0000
3	-2	-6	9.907	10.665	10.664	.182	.016	5.9156	1.0000
3	-2	-7	9.138	9.194	9.192	.193	-.756	-5.1017	1.0000
3	-2	-8	10.516	10.308	-10.308	-.054	-.056	-.4234	1.0000
3	-2	-9	9.151	9.163	-9.163	-.125	.206	1.9095	1.0000
3	-2	-10					-.013	-.1177	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	-2	-4	16.042	16.541	18.540	.127	-.499	-2.7000	1.0000
3	-2	-3	19.136	18.922	-18.920	-.225	.715	1.02108	1.0000
3	-2	-2	5.749	5.649	-5.647	-.137	.087	.6739	1.0000
3	-2	-1	27.802	27.800	27.800	.351	-.433	-2.3599	1.0000
3	-2	0	41.291	35.802	35.799	-.486	5.489	31.4924	1.0000
3	-2	1	21.955	21.603	-21.601	-.312	.152	.7377	1.0000
3	-2	2	36.798	29.605	-35.605	-.198	1.192	5.6013	1.0000
3	-2	3	13.952	13.105	13.101	.212	.980	5.0097	1.0000
3	-2	4	8.931	2.825	2.825	.057	.583	5.4635	1.0000
3	-2	5	3.995	3.573	3.572	.059	.382	1.8767	1.0000
3	-2	6	13.123	12.020	-12.020	-.141	.642	3.1807	1.0000
3	-2	7	8.466	8.140	-8.140	-.054	.307	1.9559	1.0000
3	-2	8	7.988	7.975	7.974	.133	.608	.0508	1.0000
3	-2	9	12.592	12.771	-12.771	.020	-.186	-1.4217	1.0000
3	-2	10	38.044	35.252	-35.246	-.487	.700	-2.36641	1.0000
3	-2	11	35.095	36.254	36.253	.292	-1.205	-4.4554	1.0000
3	-2	12	12.353	12.537	-12.537	-.085	.184	-1.3118	1.0000
3	-2	13	12.846	12.622	12.622	.401	.024	.1189	1.0000
3	-2	14	16.763	16.774	-16.774	-.152	-.0929	-1.189	1.0000
3	-2	15	6.330	6.614	6.613	.063	-.263	-1.5676	1.0000
3	-2	16	1.071	.436	.431	-.068	.636	1.1112	1.0000
3	-2	17	44.289	42.942	-42.940	-.376	1.347	7.3345	1.0000
3	-2	18	45.843	44.901	44.899	.380	.543	4.5763	1.0000
3	-2	19	30.528	37.010	37.006	.576	1.518	6.6226	1.0000
3	-2	20	8.708	8.274	8.274	.071	.434	3.9079	1.0000
3	-2	21	16.679	16.631	-16.630	-.165	.048	.2897	1.0000
3	-2	22	16.712	16.224	16.223	.193	.407	2.5761	1.0000
3	-2	23	2.508	1.292	-1.286	-.116	1.218	2.0966	1.0000
3	-2	24	1.663	1.133	-1.133	.008	.530	.9910	1.0000
3	-2	25	9.132	9.211	9.210	.105	-.075	-.6018	1.0000
3	-2	26	11.618	11.792	-11.790	-.215	.624	1.2040	1.0000
3	-2	27	4.405	3.636	3.635	.052	.769	5.2265	1.0000
3	-2	28	40.210	41.162	41.160	.395	-.932	-4.0302	1.0000
3	-2	29	2.411	2.327	-2.327	-.041	.084	.3314	1.0000
3	-2	30	111.019	117.549	117.549	.182	-.6530	-36.0185	1.0000
3	-2	31	4.363	4.388	-4.388	-.016	-.0319	-.0319	1.0000
3	-2	32	22.503	23.703	23.700	.392	-1.201	-6.2972	1.0000
3	-2	33	8.599	8.504	-8.504	-.042	.095	.6030	1.0000
3	-2	34	13.322	13.165	-13.169	-.102	.133	.6030	1.0000
3	-2	35	1.556	.068	.068	.014	.133	.6331	1.0000
3	-2	36	2.201	2.077	2.076	.060	1.488	3.2126	1.0000
3	-2	37	22.529	22.380	-22.378	-.222	.124	.4019	1.0000
3	-2	38	3.741	3.629	3.625	.168	-.088	.6702	1.0000
3	-2	39	2.715	.268	.266	-.026	-.3547	-3.547	1.0000
3	-2	40	7.490	7.560	7.579	.113	-.090	-.5412	1.0000
3	-2	41	11.736	12.073	12.068	.352	-.337	-2.8250	1.0000
3	-2	42	26.694	26.938	26.936	.347	-.244	-1.1115	1.0000
3	-2	43	26.460	27.056	-27.053	-.403	.577	-2.0711	1.0000
3	-2	44	5.932	5.890	5.890	.045	.041	.3543	1.0000
3	-2	45	6.160	6.490	-6.490	-.059	-.330	-.3543	1.0000
3	-2	46	10.083	10.088	-10.087	-.117	-.005	-.0359	1.0000
3	-2	47	41.989	41.489	41.489	.362	.499	2.7162	1.0000
3	-2	48	4.378	3.755	-3.755	-.011	.623	3.8339	1.0000

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	1	1	60.944	59.974	-59.972	-.459	.970	4.9959	1.0000
3	1	2	52.749	52.128	-52.125	-.501	.621	2.8719	1.0000
3	1	3	2.694	2.545	-2.544	.074	.149	.5272	1.0000
3	1	4	9.728	10.062	10.062	.076	-.354	-.3.1178	1.0000
3	1	5	22.729	23.092	23.092	.190	-.364	-1.5966	1.0000
3	1	6	17.100	17.046	-17.043	-.280	.054	.3520	1.0000
3	1	7	1.209	.153	.151	.023	1.056	1.2220	1.0000
3	2	1	8.690	9.155	9.154	.135	-.229	-3.1744	1.0000
3	2	2	7.506	7.735	7.733	.153	-.229	-1.5652	1.0000
3	2	3	10.544	10.760	-10.760	-.206	-.618	-3.3413	1.0000
3	2	4	14.910	15.180	-15.177	-.270	-.870	-1.7482	1.0000
3	2	5	5.990	7.433	7.432	-.403	-.1.843	-15.0060	1.0000
3	2	6	20.018	20.154	20.151	.327	-.136	-.7844	1.0000
3	2	7	31.597	32.155	-32.155	-.168	-.598	-2.6057	1.0000
3	2	8	5.257	5.779	-5.772	-.105	-.473	-3.0849	1.0000
3	2	9	2.600	2.055	2.054	.055	.545	2.1789	1.0000
3	2	10	9.766	9.192	-9.191	-.073	.576	4.0035	1.0000
3	2	11	29.985	29.955	-29.954	-.214	.031	.1273	1.0000
3	2	12	30.074	29.387	29.384	.602	.607	2.6234	1.0000
3	2	13	5.608	5.066	5.063	.158	.542	3.7070	1.0000
3	2	14	0.666	6.732	-6.730	-.147	-.066	-.4412	1.0000
3	2	15	3.171	2.164	-2.164	.275	1.007	1.0000	1.0000
3	2	16	5.912	5.976	5.975	.097	-.005	3.2599	1.0000
3	2	17	16.633	17.695	-17.690	-.395	-.005	-.2981	1.0000
3	2	18	15.206	15.482	15.481	.160	-1.064	-6.0491	1.0000
3	2	19	1.667	1.416	-1.416	-.012	-.278	-1.5401	1.0000
3	2	20	.976	1.174	1.174	.019	.251	.5449	1.0000
3	2	21	10.905	10.595	10.595	.145	-.008	-.6237	1.0000
3	2	22	6.945	6.816	-6.816	-.066	.128	1.1799	1.0000
3	2	23	3.058	2.795	2.795	-.013	.262	1.1914	1.0000
3	2	24	3.606	.183	.183	.013	3.423	17.8425	1.0000
3	2	25	44.325	43.553	43.553	.499	.769	5.4966	1.0000
3	2	26	24.151	24.401	24.401	.308	-.250	-1.0000	1.0000
3	2	27	4.717	4.759	4.759	-.087	-.081	-1.0142	1.0000
3	2	28	22.455	21.869	-21.866	-.369	.586	-.4835	1.0000
3	2	29	21.652	21.851	21.850	.286	-.195	2.9797	1.0000
3	2	30	9.305	9.225	-9.225	-.113	.195	-1.0908	1.0000
3	2	31	6.785	6.753	6.753	-.171	.026	.1523	1.0000
3	2	32	13.518	13.529	13.528	.142	.032	.1806	1.0000
3	2	33	65.527	69.013	69.010	.687	-.3.486	-.0727	1.0000
3	2	34	17.537	18.289	-18.289	-.153	-.793	-10.6823	1.0000
3	2	35	11.756	12.215	-12.214	-.102	-.793	-3.8990	1.0000
3	2	36	2.732	3.182	3.182	-.009	-.445	-3.3665	1.0000
3	2	37	5.255	5.361	-5.361	-.002	-.105	-1.9660	1.0000
3	2	38	2.516	2.040	2.039	.042	.476	1.7567	1.0000
3	2	39	25.879	25.632	25.632	.345	.244	1.6963	1.0000
3	2	40	19.281	18.797	-18.797	-.191	.484	-.9793	1.0000
3	2	41	43.597	44.366	-44.364	-.426	.484	2.5229	1.0000
3	2	42	16.613	16.614	-16.613	-.176	-.769	-2.9078	1.0000
3	2	43	31.111	32.714	-32.714	-.058	-.001	-.0049	1.0000
3	2	44	17.882	17.743	17.742	.193	.397	1.2512	1.0000
3	2	45	13.149	13.237	-13.233	-.325	.140	.8361	1.0000
3	2	46	1.194	.882	-.882	-.003	-.088	-.6715	1.0000
3	2	47	*	*	*	.003	.312	.3658	1.0000

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H	K	L	F(DBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTPR
3	5	-6	1.119	1.672	-1.672	-.000	-.552	-.6923		1.0000
3	5	-5	1.048	1.512	1.511	-.030	-.464	-.6194		1.0000
3	5	-4	25.656	26.064	-26.062	-.325	-.406	-1.0661		1.0000
3	5	-3	4.425	4.251	4.250	.103	.174	1.0779		1.0000
3	5	-2	13.734	14.167	-14.167	-.076	-.435	-3.1929		1.0000
3	5	-1	29.050	28.839	-28.837	-.353	.211	.7903		1.0000
3	5	0	12.602	12.445	-12.445	-.223	.237	1.6583		1.0000
3	5	1	39.030	39.128	39.126	.371	-.096	-.3644		1.0000
3	5	2	22.117	22.431	-22.430	-.243	-.314	-1.4756		1.0000
3	5	3	6.149	5.954	5.952	.113	.694	3.8577		1.0000
3	5	4	1.603	1.310	-1.309	.033	.374	.7160		1.0000
3	5	5	7.698	7.412	-7.410	.162	.122	.7519		1.0000
3	5	6	7.970	7.412	7.412	.074	.452	3.1620		1.0000
3	5	7	1.180	2.211	-2.211	.017	-1.031	-1.6219		1.0000
3	5	8	14.356	15.014	15.013	.176	-.655	-4.7720		1.0000
3	5	9	2.438	1.829	-1.829	.028	.610	1.8957		1.0000
3	5	10	2.226	1.556	-1.556	-.080	.670	1.9602		1.0000
3	6	-2	19.671	20.156	-20.155	-.218	-.484	-2.6954		1.0000
3	6	-1	4.047	3.882	-3.882	-.079	.165	.8761		1.0000
3	6	0	5.300	4.743	4.739	.200	.557	3.4502		1.0000
3	6	1	30.745	30.952	30.948	.497	.208	-.6971		1.0000
3	6	2	1.064	.576	-.476	.325	.486	.6396		1.0000
3	6	3	15.476	19.145	-19.144	-.491	.027	.1524		1.0000
3	6	4	12.323	12.300	12.299	.150	.023	.1852		1.0000
3	6	5	4.501	4.335	-4.334	.051	.160	.6381		1.0000
3	6	6	21.358	21.438	21.433	.447	-.280	-1.3836		1.0000
3	6	7	12.754	13.178	13.176	.210	-.423	-3.1185		1.0000
3	6	8	7.300	7.578	-7.575	-.086	-.276	-1.7857		1.0000
3	6	9	1.861	2.457	2.457	.001	-.596	-1.2745		1.0000
3	6	10	22.396	22.398	22.396	.205	-.002	-.0104		1.0000
3	7	-2	9.4310	9.4490	-9.449	-.181	-.181	-1.5184		1.0000
3	7	-1	14.424	14.619	14.617	.222	-.195	-1.3248		1.0000
3	7	0	4.558	4.931	-4.931	-.025	.302	1.1302		1.0000
3	7	1	4.784	4.482	-4.481	-.059	.027	.13973		1.0000
3	7	2	7.321	7.266	-7.265	-.138	.055	.3297		1.0000
3	7	3	2.509	1.966	-1.965	-.092	.542	1.2529		1.0000
3	7	4	1.441	1.269	-1.269	.026	.172	.2273		1.0000
3	7	5	1.497	1.512	1.511	.025	-.317	-.3685		1.0000
3	7	6	1.751	2.207	-2.207	-.020	-.456	-.8272		1.0000
3	7	7	3.722	3.160	-3.160	.129	.592	2.3163		1.0000
3	7	8	24.457	25.058	-25.056	-.296	-.600	-2.4206		1.0000
3	7	9	60.206	60.787	-60.783	-.645	-.581	-1.7674		1.0000
3	7	10	27.752	27.697	27.696	.266	.035	.2225		1.0000
3	8	0	3.503	3.197	-3.196	.055	.306	1.0116		1.0000
3	8	1	5.769	4.811	-4.810	.043	.972	4.5929		1.0000
3	8	2	1.268	.224	-.222	.031	1.041	1.1516		1.0000
3	8	3	7.959	7.720	7.719	.082	.233	1.4378		1.0000
3	8	4	16.067	16.117	-16.115	-.242	-.050	-.3360		1.0000
3	8	5	2.755	1.785	-1.785	.070	.970	2.5427		1.0000
3	8	6	7.954	8.132	-8.131	-.129	.176	-1.0647		1.0000
3	8	7	10.460	10.678	10.676	.212	-.219	-1.4847		1.0000
3	8	8	31.121	30.649	30.645	.451	.473	1.7340		1.0000
3	8	9	12.254	11.673	11.673	.043	.581	4.1041		1.0000

H	K	L	F(00S)	F(CALC)	Δ(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	10	0	1.916 *	2.225	2.225	.046	-.309	-.5010	1.0000
4	-11	-3	4.666	4.381	4.379	.118	.285	1.0643	1.0000
4	-11	-2	9.078	9.318	9.313	.281	-.240	-1.4845	1.0000
4	-11	-1	2.886	1.020	-1.008	-.156	1.866	4.8923	1.0000
4	-11	0	24.260	23.771	-23.765	-.549	.489	2.1987	1.0000
4	-11	1	3.954	2.461	2.460	-.065	1.492	5.2942	1.0000
4	-11	2	1.256	.127	-.028	-.124	1.129	1.2586	1.0000
4	-10	-4	3.120	2.140	-2.139	-.074	.975	2.7722	1.0000
4	-10	-3	16.562	16.391	-16.390	-.171	1.1044	1.1044	1.0000
4	-10	-2	2.665	.661	.660	-.035	2.004	5.2221	1.0000
4	-10	-1	15.544	15.793	15.792	-.222	-.749	-1.5649	1.0000
4	-10	0	11.844	11.695	-11.693	-.176	.150	1.1977	1.0000
4	-10	1	4.709	5.067	5.065	.154	-.336	-1.4583	1.0000
4	-10	2	7.067	7.398	7.393	.279	-.321	-1.9098	1.0000
4	-10	3	5.791	5.564	-5.556	-.293	.226	1.1119	1.0000
4	-10	4	5.261	4.968	-4.964	.189	.293	1.1861	1.0000
4	-9	-5	3.123	1.316	1.313	.079	1.808	5.2031	1.0000
4	-9	-4	12.353	12.513	-12.513	-.129	-.160	-1.1205	1.0000
4	-9	-3	1.131	1.392	1.329	-.182	-.191	-.2320	1.0000
4	-9	-2	29.064	29.306	29.304	.353	-.242	-1.0299	1.0000
4	-9	-1	35.491	35.207	35.204	.393	.285	.6077	1.0000
4	-9	0	32.849	32.193	32.192	.319	.655	2.0732	1.0000
4	-9	1	35.951	34.444	-34.441	-.402	-.493	-1.5275	1.0000
4	-9	2	1.697	2.050	2.045	.046	1.507	2.5305	1.0000
4	-9	3	3.308	2.939	-2.932	-.078	.975	1.2184	1.0000
4	-9	4	7.921	7.128	-7.128	-.044	.393	2.3029	1.0000
4	-8	-6	1.260	2.332	2.332	.014	-1.072	-1.1921	1.0000
4	-8	-5	2.517	2.084	-2.084	.014	.433	1.0727	1.0000
4	-8	-4	8.365	8.451	8.451	.069	-.082	-.6303	1.0000
4	-8	-3	14.317	14.516	-14.514	-.226	-.192	-1.3256	1.0000
4	-8	-2	12.466	12.024	12.022	.217	.441	3.4932	1.0000
4	-8	-1	3.016	2.628	2.626	.102	.387	1.4195	1.0000
4	-8	0	36.801	35.712	-35.710	-.368	1.090	3.7414	1.0000
4	-8	1	6.860	6.939	6.938	-.101	-.079	-.5563	1.0000
4	-8	2	43.920	43.638	-43.638	-.186	.282	.9123	1.0000
4	-8	3	7.864	7.661	-7.660	.097	.203	1.4111	1.0000
4	-8	4	17.124	16.549	-16.546	-.298	.576	3.6733	1.0000
4	-7	5	3.541	3.050	3.049	.491	.491	1.5599	1.0000
4	-7	-6	14.529	14.332	-14.331	-.183	.197	1.4628	1.0000
4	-7	-5	14.933	16.718	16.718	.076	.214	1.4093	1.0000
4	-7	-4	4.436	3.922	3.922	.032	.514	2.6295	1.0000
4	-7	-3	6.137	5.597	-5.591	-.251	.841	3.6701	1.0000
4	-7	-2	40.939	40.902	-40.902	-.611	-.024	-.0946	1.0000
4	-7	-1	16.078	16.237	16.234	.314	.741	4.2530	1.0000
4	-7	0	.999	2.337	2.336	.031	-1.343	-1.0953	1.0000
4	-7	1	6.099	6.471	6.471	.056	-.372	-.2.5253	1.0000
4	-7	2	8.704	8.312	8.312	.195	.390	3.2994	1.0000
4	-7	3	12.225	12.087	-12.085	-.193	.136	1.1132	1.0000
4	-7	4	15.423	15.277	-15.277	-.207	.144	.9425	1.0000
4	-7	5	16.281	16.297	16.299	.240	-.015	-.0996	1.0000
4	-7	6	22.891	22.139	22.133	.497	.753	3.7192	1.0000
4	-6	-7	4.793	4.572	4.571	.115	.160	.6655	1.0000
4	-6	-6	7.495	7.349	7.349	.034	.146	.9403	1.0000

H	K	L	F(COFS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
4	-6	-1	15.632	15.957	15.956	.210	-.325	-2.2233	1.0000	
4	-6	-4	12.132	12.563	-12.362	-.061	-.230	-1.5129	1.0000	
4	-6	-3	20.365	20.262	-20.261	-.216	.102	.4886	1.0000	
4	-6	-2	3.500	3.690	.041	-.122	-.6076	-.6076	1.0000	
4	-6	-1	32.437	33.090	33.089	.250	-.653	-2.5487	1.0000	
4	-6	0	14.907	13.395	13.360	.622	1.532	10.1782	1.0000	
4	-6	1	29.305	29.482	-29.482	-.209	-.176	-.6697	1.0000	
4	-6	2	7.120	7.196	7.196	.012	-.076	-.6212	1.0000	
4	-6	3	14.690	14.680	14.680	.096	.210	1.3939	1.0000	
4	-6	4	4.652	3.343	3.343	-.004	1.305	6.9055	1.0000	
4	-6	5	2.674	2.497	-2.497	-.093	.177	.4937	1.0000	
4	-6	6	17.082	16.564	16.561	.217	.515	3.2643	1.0000	
4	-6	7	26.737	26.645	26.644	.264	.092	.3487	1.0000	
4	-5	-6	4.862	4.535	4.535	.012	.347	1.7369	1.0000	
4	-5	-5	5.484	5.900	5.899	-.121	-.417	-2.4905	1.0000	
4	-5	-4	45.678	46.176	46.173	.512	-.498	-1.8042	1.0000	
4	-5	-3	21.815	22.252	-22.252	-.096	-.437	-2.2767	1.0000	
4	-5	-2	3.501	3.659	-3.659	.001	-.198	-.9298	1.0000	
4	-5	-1	2.025	.523	-.523	-.017	1.565	4.2048	1.0000	
4	-5	0	18.732	18.826	-18.825	-.129	-.094	-.5053	1.0000	
4	-5	1	5.219	2.100	2.100	.055	.182	.5846	1.0000	
4	-5	2	4.190	5.447	-5.447	.000	-.222	-1.4767	1.0000	
4	-5	3	29.934	3.874	3.873	.091	.316	1.7305	1.0000	
4	-5	4	20.664	25.261	-25.259	-.302	.472	3.0979	1.0000	
4	-5	5	19.192	19.922	-19.924	-.159	.796	3.5959	1.0000	
4	-5	6	10.406	12.392	-12.391	-.179	.800	5.6995	1.0000	
4	-4	-7	5.887	10.537	-10.535	-.016	-.129	-.9743	1.0000	
4	-4	-6	2.219	0.231	-0.231	.009	-.344	-2.0542	1.0000	
4	-4	-5	4.336	2.045	-2.045	.157	.174	.9360	1.0000	
4	-4	-4	19.132	4.364	4.361	.101	-.046	-.2881	1.0000	
4	-4	-3	130.112	19.533	19.535	.101	-.604	-2.1713	1.0000	
4	-4	-2	26.046	192.333	-136.330	-.137	-.6221	-28.1391	1.0000	
4	-4	-1	18.334	25.673	-25.673	.119	.375	1.6028	1.0000	
4	-4	0	20.592	16.103	16.102	.095	.231	1.2928	1.0000	
4	-4	1	4.292	19.951	19.951	-.007	.642	3.5845	1.0000	
4	-4	2	11.023	4.423	4.423	.112	-.131	-.7193	1.0000	
4	-4	3	26.011	10.896	10.895	-.370	.127	1.0679	1.0000	
4	-4	4	9.768	27.490	-27.493	-.011	.573	1.8987	1.0000	
4	-4	5	25.401	5.464	5.464	.023	.306	1.8012	1.0000	
4	-4	6	16.966	24.823	24.823	-.340	.576	2.7057	1.0000	
4	-3	-7	17.370	16.981	-16.978	.126	-.395	-2.2613	1.0000	
4	-3	-6	11.750	11.809	11.801	-.109	.385	2.2610	1.0000	
4	-3	-5	1.070	1.166	-1.161	.103	-.096	-.4803	1.0000	
4	-3	-4	11.164	11.570	-11.569	-.097	-.306	-3.3004	1.0000	
4	-3	-3	3.595	3.892	3.892	.023	-.332	-1.7185	1.0000	
4	-3	-2	6.904	6.821	-6.821	-.041	.083	.6257	1.0000	
4	-3	-1	2.853	1.993	-1.993	-.036	.866	3.6023	1.0000	
4	-3	0	35.581	35.237	35.237	.391	.342	1.6343	1.0000	
4	-3	1	7.979	6.651	6.650	.067	.728	5.0991	1.0000	
4	-3	2	5.563	4.114	-4.113	-.072	1.445	9.7571	1.0000	
4	-3	3	25.080	24.409	24.407	.238	.671	2.5160	1.0000	
4	-3	4	27.197	26.844	26.841	.413	.353	1.2106	1.0000	

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H	K	L	F(0BS)	F(CALC)	Δ(CALC)	Δ(CALC)	Δ(CALC)	DELTA F	DELTA/SIGMA	EXT	FACTOR
4	-3	5	27.161	26.623	-26.621	-.378	.537	2.3323	1.0000		
4	-3	6	31.180	7.643	7.641	.167	.337	2.2307	1.0000		
4	-3	7	2.991	5.302	-3.302	-.064	-.311	-.8115	1.0000		
4	-2	8	8.308	7.570	-7.570	-.045	.738	4.7096	1.0000		
4	-2	9	8.153	7.878	7.878	.163	.274	1.9546	1.0000		
4	-2	10	2.371	3.015	3.014	.073	-.644	-1.9937	1.0000		
4	-2	11	22.177	23.304	-23.301	-.360	-.208	-1.0145	1.0000		
4	-2	12	4.563	2.929	2.929	.402	1.034	11.1784	1.0000		
4	-2	13	28.298	28.132	28.130	.362	.126	.5350	1.0000		
4	-2	14	20.570	29.891	29.890	.148	.680	3.1926	1.0000		
4	-2	15	13.702	12.374	-13.372	-.273	.926	2.2789	1.0000		
4	-2	16	3.860	3.448	-3.447	-.067	.362	2.0117	1.0000		
4	-2	17	12.306	11.923	-11.722	-.132	.305	2.3021	1.0000		
4	-2	18	25.941	25.691	25.690	.196	.256	1.0166	1.0000		
4	-2	19	12.342	12.395	12.395	.116	.054	-.3049	1.0000		
4	-2	20	10.148	10.218	10.218	.019	-.076	-.6099	1.0000		
4	-2	21	32.069	31.596	-31.594	-.492	.492	1.5645	1.0000		
4	-2	22	10.759	11.205	-11.192	-.591	.446	-3.4371	1.0000		
4	-2	23	18.817	17.917	17.914	.298	.900	4.8112	1.0000		
4	-1	24	6.194	5.605	5.605	.083	.508	3.0663	1.0000		
4	-1	25	24.018	23.015	-23.813	-.240	.203	.9895	1.0000		
4	-1	26	5.440	4.965	4.964	.099	.475	3.0327	1.0000		
4	-1	27	3.713	3.710	-3.710	-.054	.028	.0128	1.0000		
4	-1	28	.910	.612	.612	.092	.297	.4573	1.0000		
4	-1	29	35.170	35.133	35.132	.327	.036	.1621	1.0000		
4	-1	30	30.480	37.930	-37.928	-.355	.596	2.6562	1.0000		
4	-1	31	63.011	62.065	-62.063	-.489	.926	4.7964	1.0000		
4	-1	32	8.291	7.855	-7.855	-.030	.435	2.9569	1.0000		
4	-1	33	12.676	12.201	-12.200	-.136	.475	2.7793	1.0000		
4	-1	34	37.650	37.169	-37.168	-.320	.521	2.2267	1.0000		
4	-1	35	15.662	14.325	-14.324	.191	1.328	7.6279	1.0000		
4	-1	36	20.048	19.834	-19.832	-.206	.213	1.2228	1.0000		
4	-1	37	1.358	.745	.745	-.010	.613	1.0249	1.0000		
4	-1	38	3.948	4.062	4.062	-.014	.115	-.4562	1.0000		
4	-1	39	7.412	7.538	7.536	.172	-.125	-.6915	1.0000		
4	-1	40	17.018	16.973	-16.970	-.306	.135	.7988	1.0000		
4	-1	41	6.864	7.013	7.012	.133	-.150	-.9690	1.0000		
4	-1	42	41.444	40.944	-40.944	-.148	.497	1.6157	1.0000		
4	-1	43	5.926	5.825	-5.825	-.095	.100	.7728	1.0000		
4	-1	44	21.303	21.303	-21.300	-.361	.002	.0116	1.0000		
4	-1	45	7.063	7.230	7.230	.061	-.166	-1.4785	1.0000		
4	-1	46	16.079	16.096	16.096	.125	.023	.1309	1.0000		
4	-1	47	10.622	10.149	-10.149	-.064	.473	3.3704	1.0000		
4	-1	48	5.420	4.778	-4.777	-.071	.642	4.5250	1.0000		
4	-1	49	20.297	19.778	19.771	.154	.525	2.1673	1.0000		
4	-1	50	1.201	.937	.937	-.266	.264	.4289	1.0000		
4	-1	51	4.639	4.240	4.239	.056	.400	2.5302	1.0000		
4	-1	52	89.919	91.947	91.944	.753	.600	-7.2260	1.0000		
4	-1	53	2.256	1.979	-1.979	-.610	.677	1.8558	1.0000		
4	-1	54	12.146	11.966	-11.966	-.078	.180	1.2759	1.0000		
4	-1	55	1.235	1.390	-1.390	-.010	.195	-.1639	1.0000		
4	-1	56	4.666	3.792	3.792	.053	.674	4.3424	1.0000		
4	-1	57	9.928	9.027	9.026	.117	-.095	-.8128	1.0000		

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H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
4	1	-5	24.990	25.114	-25.111	-.343	-.124	-.6021	1.0000	1.0000
4	1	-4	1.566 *	1.205	1.205	-.004	.384	1.0420	1.0000	1.0000
4	1	-3	33.431	32.759	32.756	.473	.072	2.6577	1.0000	1.0000
4	1	-2	48.419	48.593	48.591	.455	-.175	-.8068	1.0000	1.0000
4	1	-1	9.757	9.461	-9.460	-.111	.296	2.0681	1.0000	1.0000
4	1	0	2.668	2.014	-2.014	.004	.654	2.4415	1.0000	1.0000
4	1	1	30.044	29.736	-29.735	-.215	.306	1.3228	1.0000	1.0000
4	1	2	23.922	23.527	-23.526	.261	.294	1.5189	1.0000	1.0000
4	1	3	2.014	.102	.102	-.015	1.911	5.7728	1.0000	1.0000
4	1	4	21.967	21.635	-21.634	.217	-.066	-.4834	1.0000	1.0000
4	1	5	4.671	4.168	-4.167	-.068	.503	2.6045	1.0000	1.0000
4	1	6	27.219	27.442	-27.447	-.506	-.863	-.9950	1.0000	1.0000
4	1	7	3.437	1.967	-1.950	.257	1.472	4.6223	1.0000	1.0000
4	1	8	8.001	6.144	-6.145	-.268	-.447	-.9935	1.0000	1.0000
4	1	9	17.223	17.602	-17.601	.186	-.379	-2.1404	1.0000	1.0000
4	2	-6	2.954	4.079	4.078	.099	-.172	-4.3953	1.0000	1.0000
4	2	-5	4.919	4.203	-4.202	-.081	.636	4.4569	1.0000	1.0000
4	2	-4	.956 *	1.670	1.670	-.001	-.714	-1.0457	1.0000	1.0000
4	2	-3	24.379	24.779	-24.778	.188	-.831	-1.7699	1.0000	1.0000
4	2	-2	34.817	33.722	-33.720	-.365	.598	2.6212	1.0000	1.0000
4	2	-1	6.013	5.615	-5.614	-.099	.589	2.9379	1.0000	1.0000
4	2	0	17.357	17.628	-17.627	.207	-.271	-1.3883	1.0000	1.0000
4	2	1	2.390	3.761	3.737	-.427	-.691	-4.6754	1.0000	1.0000
4	2	2	15.617	16.253	-16.252	-.167	-.436	-4.0583	1.0000	1.0000
4	2	3	21.703	22.197	-22.196	-.195	-.494	-2.4901	1.0000	1.0000
4	2	4	13.868	14.242	-14.241	.101	-.574	-2.6444	1.0000	1.0000
4	2	5	1.981 *	2.072	-2.072	-.035	-.191	-1.3411	1.0000	1.0000
4	2	6	6.079	5.648	-5.647	.092	.631	1.2732	1.0000	1.0000
4	2	7	3.072	3.476	3.475	.066	-.404	-1.4040	1.0000	1.0000
4	2	8	13.709	14.096	-14.095	-.060	-.387	-2.7542	1.0000	1.0000
4	2	9	34.795	35.101	-35.097	-.506	-.306	-1.1023	1.0000	1.0000
4	3	-4	24.963	24.748	-24.746	-.253	.239	.6032	1.0000	1.0000
4	3	-3	2.295	2.660	-2.660	.037	-.385	-1.3065	1.0000	1.0000
4	3	-2	34.195	34.523	-34.521	.369	-.325	-1.3419	1.0000	1.0000
4	3	-1	25.261	25.544	-25.543	-.258	-.284	-1.1019	1.0000	1.0000
4	3	0	12.340	12.055	-12.055	.105	.265	2.0668	1.0000	1.0000
4	3	1	9.980	9.944	-9.944	-.192	.696	2.866	1.0000	1.0000
4	3	2	17.625	17.728	-17.727	-.247	-.303	-.6390	1.0000	1.0000
4	3	3	30.419	30.721	-30.718	.664	-.302	-1.3244	1.0000	1.0000
4	3	4	12.436	13.033	13.025	.666	-.557	-4.7697	1.0000	1.0000
4	3	5	2.837	4.176	4.176	-.025	2.590	6.6819	1.0000	1.0000
4	3	6	4.481	4.176	-4.176	.027	.385	1.2417	1.0000	1.0000
4	3	7	3.816	4.056	4.055	.016	-.240	-.9630	1.0000	1.0000
4	3	8	3.260	3.008	-3.008	.014	.252	.9837	1.0000	1.0000
4	3	9	20.979	21.291	-21.289	-.311	-.312	-1.4049	1.0000	1.0000
4	4	-3	13.619	13.601	-13.600	.178	-.182	-1.2658	1.0000	1.0000
4	4	-2	44.346	44.939	-44.937	.398	-.593	-2.2729	1.0000	1.0000
4	4	-1	13.377	14.331	14.330	.069	-.954	-6.0521	1.0000	1.0000
4	4	0	54.760	55.803	-55.802	.113	-.103	-4.0159	1.0000	1.0000
4	4	1	20.303	21.439	-21.439	-.109	-.109	-5.5201	1.0000	1.0000
4	4	2	15.382	14.868	-14.864	.342	.514	3.1360	1.0000	1.0000
4	4	3	1.075 *	.676	.672	-.068	.399	1.2202	1.0000	1.0000
4	4	4	1.195 *	.379	.378	.026	.616	1.0640	1.0000	1.0000

H	K	L	F(DBS)	F(CALC)	Δ(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	4	5	1.186	*.315	.306	.077	.871	1.0282	1.0000 *
4	5	-7	10.357	10.299	-10.299	-.102	.057	.3930	1.0000
4	5	-6	11.255	11.434	11.433	.126	-.175	-1.5684	1.0000
4	5	-5	17.312	17.333	17.330	.340	-.022	-.1338	1.0000
4	5	-4	14.062	13.917	13.916	.209	.145	.9897	1.0000
4	5	-3	31.065	30.969	30.966	.401	.096	.3252	1.0000
4	5	-2	16.226	16.222	16.222	.194	.046	.2487	1.0000
4	5	-1	6.406	6.254	6.253	-.111	.152	1.1130	1.0000
4	5	0	2.949	2.195	2.195	-.027	.753	2.6376	1.0000
4	5	1	19.576	19.116	19.114	.257	.466	2.5550	1.0000
4	5	2	12.758	13.007	13.006	-.100	.249	-1.9323	1.0000
4	5	3	42.094	42.745	42.743	-.437	.145	.4638	1.0000
4	5	4	19.743	20.028	20.025	-.357	-.285	-1.4850	1.0000
4	5	5	4.239	3.323	3.323	.104	.516	3.4060	1.0000
4	5	6	11.796	11.791	11.779	.212	.016	.1144	1.0000
4	5	-1	4.495	3.475	3.474	.081	.981	4.4363	1.0000
4	5	-2	4.122	4.621	4.615	-.225	.457	-2.1692	1.0000
4	5	-3	18.662	19.070	19.066	-.406	-.224	-1.3329	1.0000
4	5	-4	3.411	3.553	3.541	-.300	-.143	-.5642	1.0000
4	5	-5	15.593	15.341	15.336	.406	.232	1.6956	1.0000
4	5	-6	20.249	20.052	20.051	-.174	.187	1.0343	1.0000
4	5	-7	5.000	5.000	4.999	-.047	.001	.0044	1.0000
4	5	-8	6.225	6.257	6.257	-.040	-.032	-.1930	1.0000
4	5	-9	14.641	14.363	14.362	-.164	.478	3.1497	1.0000
4	5	-10	15.352	15.256	15.256	.125	.096	.6694	1.0000
4	5	-11	12.862	12.875	12.875	.213	.384	3.0292	1.0000
4	5	-12	9.834	9.972	9.970	-.151	.132	.9650	1.0000
4	5	-13	3.260	3.823	3.823	.630	-.562	-1.3726	1.0000
4	5	-14	6.119	5.852	5.851	.084	-.562	1.5651	1.0000
4	5	-15	3.669	3.703	3.703	.045	-.014	-.0537	1.0000
4	5	-16	1.144	.427	-.4426	.058	.717	.6764	1.0000
4	5	-17	9.703	9.363	9.363	.021	.346	2.4809	1.0000
4	5	-18	22.613	22.742	22.739	.391	-.130	-.6089	1.0000
4	5	-19	10.906	11.004	11.002	.212	-.097	-.6713	1.0000
4	5	-20	48.675	48.459	48.459	.594	.176	.4759	1.0000
4	5	-21	26.036	25.950	25.909	-.264	.046	.2116	1.0000
4	5	-22	6.381	6.612	6.612	-.065	-.237	-1.2436	1.0000
4	5	-23	5.422	4.894	4.894	-.026	.527	2.5164	1.0000
4	5	-24	2.647	1.492	1.491	.058	1.155	2.8139	1.0000
4	5	-25	3.111	2.441	2.438	.112	.671	1.9587	1.0000
4	5	-26	7.525	8.022	8.017	.283	-.497	-.2666	1.0000
4	5	-27	3.624	5.737	5.734	-.160	.113	-.5047	1.0000
4	5	-28	25.617	24.955	24.952	-.357	.662	2.9624	1.0000
4	5	-29	3.116	3.250	3.248	.122	-.134	-.3493	1.0000
4	5	-30	3.134	2.069	2.069	-.026	1.064	2.7165	1.0000
4	5	-31	1.399	1.2315	1.2312	-.275	-.019	-.1329	1.0000
4	5	-32	1.399	1.476	1.469	.160	-.777	-.0932	1.0000
4	5	-33	1.381	1.295	1.289	-.132	.686	1.058	1.0000
4	5	-34	9.390	9.390	9.390	.074	.802	1.9569	1.0000
4	5	-35	4.545	3.803	3.803	-.050	.742	2.4070	1.0000
4	5	-36	6.945	6.843	6.843	.047	.101	.5152	1.0000
4	5	-37	7.892	8.124	8.123	.088	-.232	-1.2631	1.0000
4	5	-38	4.087	3.685	3.681	-.158	.402	1.4754	1.0000

H	K	L	F(CRST)	F(CALC)	AC(CRST)	AC(CALC)	BC(CRST)	BC(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	-10	-2	5.777	6.008	-6.003	-.247	-.231	-1.1463	1.0000		
5	-10	-1	10.540	10.844	10.837	.390	-.304	-2.2017	1.0000		
5	-10	0	2.705	2.092	2.091	-.213	.693	1.8818	1.0000		
5	-10	1	11.734	11.728	-11.721	-.379	.007	.0521	1.0000		
5	-10	2	14.309	14.397	-14.394	-.294	-.026	-.1995	1.0000		
5	-10	3	1.964	1.266	-.255	.129	1.678	2.9581	1.0000		
5	-9	-5	25.868	25.1004	-25.092	-.309	.664	3.8269	1.0000		
5	-9	-4	24.081	24.415	-24.414	-.286	.272	1.7684	1.0000		
5	-9	-3	26.571	26.961	26.959	.324	-.390	-1.6228	1.0000		
5	-9	-2	3.902	4.116	4.118	-.029	-.216	-.6176	1.0000		
5	-9	-1	4.172	4.333	4.333	.081	-.161	-.6800	1.0000		
5	-9	0	10.706	10.468	10.468	.065	.235	1.9243	1.0000		
5	-9	1	23.680	23.678	-23.676	-.341	.001	.0063	1.0000		
5	-9	2	2.883	2.763	2.762	.041	-.121	.9471	1.0000		
5	-9	3	33.004	33.003	33.001	.527	-.601	-.0024	1.0000		
5	-9	4	17.441	17.140	17.138	.215	.502	1.9115	1.0000		
5	-8	-6	1.269	1.721	-1.716	-.139	-.165	-.4989	1.0000		
5	-8	-5	1.173	.940	.938	-.062	.253	.2789	1.0000		
5	-8	-4	28.307	28.877	28.874	.373	-.376	-1.4916	1.0000		
5	-8	-3	12.023	12.004	-12.004	-.004	.020	.1452	1.0000		
5	-8	-2	34.447	33.603	33.603	.112	.844	2.6926	1.0000		
5	-8	-1	11.453	11.445	11.445	.002	-.002	-.0177	1.0000		
5	-8	0	25.859	25.003	25.001	.363	-.336	1.6097	1.0000		
5	-8	1	4.519	4.855	-4.855	.064	-.036	-.1869	1.0000		
5	-8	2	9.161	8.715	-8.715	-.074	.446	3.4659	1.0000		
5	-8	3	11.730	11.077	-11.076	-.144	.652	5.3124	1.0000		
5	-8	4	8.376	8.129	8.128	.113	.247	1.5776	1.0000		
5	-8	5	14.159	14.067	-14.067	-.228	.110	.8357	1.0000		
5	-8	-6	24.178	24.672	24.667	.531	.105	.4747	1.0000		
5	-7	-5	8.539	9.069	-9.065	-.291	-.530	-3.5402	1.0000		
5	-7	-4	1.002	1.515	1.513	-.060	-.483	-.8595	1.0000		
5	-7	-3	5.058	5.499	-5.499	-.063	-.442	-2.4673	1.0000		
5	-7	-2	11.312	11.533	-11.531	-.224	-.021	-.1705	1.0000		
5	-7	-1	13.435	13.172	13.171	.216	.263	1.9371	1.0000		
5	-7	0	17.526	17.441	17.439	.259	.085	.5412	1.0000		
5	-7	1	16.417	16.173	-16.170	-.313	.243	1.6648	1.0000		
5	-7	2	34.402	33.893	-33.893	-.567	.505	1.6798	1.0000		
5	-7	3	5.937	5.998	-5.998	-.070	-.061	-.5602	1.0000		
5	-7	4	1.167	.198	.194	-.035	.970	2.1629	1.0000		
5	-7	5	14.769	14.366	14.366	.281	.382	2.7936	1.0000		
5	-6	-7	13.060	12.546	-12.546	.188	.511	3.8305	1.0000		
5	-6	-6	1.167	2.466	-2.464	-.069	-.255	-1.5213	1.0000		
5	-6	-5	19.015	18.682	-18.681	-.194	.333	1.9119	1.0000		
5	-6	-4	11.523	11.893	-11.894	-.470	-.370	-3.1017	1.0000		
5	-6	-3	18.290	18.176	18.175	.174	.114	.7395	1.0000		
5	-6	-2	10.550	10.774	-10.774	-.072	-.224	-2.0415	1.0000		
5	-6	-1	16.991	16.090	-16.089	-.134	-.096	-.9917	1.0000		
5	-6	0	.980	1.220	-1.220	.014	-.240	-.3426	1.0000		
5	-6	1	10.731	10.628	10.627	.126	.109	.8323	1.0000		
5	-6	2	26.373	26.373	-26.371	-.314	.341	1.6456	1.0000		
5	-6	3	16.189	16.437	16.434	.287	-.245	-1.6023	1.0000		
5	-6	4	7.121	6.033	6.028	.254	1.088	7.1569	1.0000		
5	-6	5	3.672	2.875	-2.870	-.176	.797	2.8982	1.0000		

H	K	L	F(ORS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
5	-6	6	6.991	6.003	-6.000	.206	.988	5.2469		1.0000
5	-5	-7	9.609	9.522	9.522	.054	.087	.5858		1.0000
5	-5	-6	5.858	6.202	6.202	.045	-.333	-1.6383		1.0000
5	-5	-5	2.328	1.601	1.600	.026	.727	2.1001		1.0000
5	-5	-4	17.578	17.151	17.151	.180	.427	2.7234		1.0000
5	-5	-3	2.542	2.399	-2.399	.050	.143	.5208		1.0000
5	-5	-2	9.272	9.270	-9.269	-.010	.003	.0238		1.0000
5	-5	-1	11.103	11.279	11.278	-.085	-.176	-1.3060		1.0000
5	-5	0	40.533	41.534	41.532	.396	.176	-3.9809		1.0000
5	-5	1	36.064	35.932	35.929	.414	.753	2.6853		1.0000
5	-5	2	29.386	22.797	22.796	.192	.505	2.6750		1.0000
5	-5	3	12.828	37.210	-37.207	-.456	.345	-1.1778		1.0000
5	-5	4	5.334	5.468	12.666	.160	.161	1.1841		1.0000
5	-5	5	2.003	2.335	-2.334	.070	-.332	-.7474		1.0000
5	-4	6	8.216	8.042	-8.042	-.066	.174	-1.0997		1.0000
5	-4	-7	63.126	62.701	62.697	.682	.423	1.3054		1.0000
5	-4	-6	11.263	11.516	11.515	.107	-.323	-2.3541		1.0000
5	-4	-5	11.233	10.773	-10.773	-.103	.460	4.1356		1.0000
5	-4	-4	9.844	10.020	-10.020	-.045	-.176	-1.7086		1.0000
5	-4	-3	2.305	.563	-.563	.015	1.802	6.0693		1.0000
5	-4	-2	18.852	18.568	-18.587	-.173	.764	1.3946		1.0000
5	-4	-1	31.212	31.394	31.391	.389	-.101	-.7908		1.0000
5	-4	0	3.821	4.025	-4.025	.001	-.203	-1.0165		1.0000
5	-4	1	43.515	43.558	-43.558	-.383	-.042	-.1617		1.0000
5	-4	2	10.613	10.096	-10.094	-.230	.519	4.3094		1.0000
5	-4	3	45.283	44.668	-44.668	-.169	.595	1.9250		1.0000
5	-4	4	3.765	3.350	3.345	.177	.436	1.6295		1.0000
5	-4	5	4.894	4.608	-4.602	-.248	.786	1.1918		1.0000
5	-3	6	1.653	1.772	-1.772	-.023	-.119	-.2074		1.0000
5	-3	-7	1.815	.976	-.976	-.023	.843	1.8008		1.0000
5	-3	-6	3.680	2.898	-2.898	-.016	.782	3.7330		1.0000
5	-3	-5	21.787	21.728	-21.726	-.265	.055	.2562		1.0000
5	-3	-4	15.430	15.519	15.519	.013	-.095	-.6310		1.0000
5	-3	-3	15.430	1.009	1.009	.023	-.017	-.0247		1.0000
5	-3	-2	.992	23.233	-23.231	-.300	-.383	-1.5572		1.0000
5	-3	-1	40.567	40.154	-40.151	-.476	.412	1.7804		1.0000
5	-3	0	34.095	34.462	34.460	.400	-.367	-1.4954		1.0000
5	-3	1	11.481	11.201	-11.201	-.128	.279	2.2745		1.0000
5	-3	2	7.974	7.877	-7.877	.085	.097	.6258		1.0000
5	-3	3	2.247	.807	-.807	.112	1.440	4.0776		1.0000
5	-3	4	8.790	9.030	-9.029	-.150	-.266	-1.7227		1.0000
5	-3	5	8.545	8.469	-8.468	-.114	.076	.4815		1.0000
5	-2	6	7.326	7.971	-7.961	-.410	-.645	-3.5138		1.0000
5	-2	-7	18.218	18.124	-18.121	-.331	.194	-.994		1.0000
5	-2	-6	11.228	11.103	-11.102	-.092	.045	.3859		1.0000
5	-2	-5	11.002	10.971	10.969	.177	.032	.2754		1.0000
5	-2	-4	5.017	4.965	4.965	.050	.451	3.1033		1.0000
5	-2	-3	16.276	15.512	-15.511	.188	.765	4.8416		1.0000
5	-2	-2	28.829	28.750	-28.757	-.209	.071	-.2954		1.0000
5	-2	-1	13.257	13.357	-13.356	-.162	-.100	-.6008		1.0000
5	-2	0	11.593	10.836	-10.836	.041	.757	5.4918		1.0000
5	-2	1	42.446	42.400	42.400	.424	.045	.1865		1.0000

H	K	L	F(UBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	-2	3	8.196	6.990	6.965	.584	1.205	10.4395	1.0000
5	-2	3	28.416	28.118	-20.116	-.321	.296	1.0468	1.0000
5	-2	4	14.539	14.658	14.658	.008	-.119	-.4292	1.0000
5	-2	5	5.926	5.174	5.174	.043	4.3415	4.3415	1.0000
5	-2	6	1.608	2.349	2.349	.029	-.740	-1.1745	1.0000
5	-1	6	1.213	.316	.316	-.007	.897	1.0254	1.0000
5	-1	7	14.689	14.706	-14.705	-.219	-.017	-.1128	1.0000
5	-1	6	18.038	17.651	17.651	.282	.387	2.2837	1.0000
5	-1	5	42.905	42.637	42.636	.264	.468	.9301	1.0000
5	-1	4	2.934	2.739	2.739	-.011	.565	2.9952	1.0000
5	-1	3	2.556	1.322	1.319	-.080	1.234	4.7740	1.0000
5	-1	2	43.032	42.055	42.857	.412	.173	.7504	1.0000
5	-1	1	30.327	30.378	-30.378	-.210	-.651	-.2267	1.0000
5	-1	0	17.147	16.724	16.723	.144	.423	2.2452	1.0000
5	-1	0	1.584	1.011	-1.011	-.001	.579	1.2056	1.0000
5	-1	0	11.122	11.342	-11.342	-.044	-.221	-1.6565	1.0000
5	-1	3	8.160	8.497	-8.496	-.139	-.337	-2.9143	1.0000
5	-1	4	10.019	9.948	-9.948	-.071	.676	6.0556	1.0000
5	-1	5	10.957	11.174	11.174	.044	-.217	-1.6573	1.0000
5	-1	6	13.123	12.714	-12.712	-.235	.405	3.2064	1.0000
5	-1	7	11.559	11.356	11.352	.286	.702	1.4305	1.0000
5	-1	8	3.742	2.418	-2.417	-.065	1.324	5.1933	1.0000
5	-1	9	6.763	7.254	-7.253	-.108	-.491	-3.2541	1.0000
5	-1	0	12.200	12.413	-12.412	-.125	-.213	-1.6104	1.0000
5	-1	0	2.447	1.757	1.756	.065	.660	2.5975	1.0000
5	-1	0	5.785	5.402	-5.402	-.062	.302	2.3294	1.0000
5	-1	0	1.231	.913	.890	.204	.317	.5670	1.0000
5	-1	0	8.265	8.164	-8.164	-.095	.221	.8453	1.0000
5	-1	0	134.528	136.173	-136.171	-.688	-1.666	-7.3275	1.0000
5	-1	1	4.542	4.455	4.459	.036	.623	.4705	1.0000
5	-1	2	24.832	25.932	25.932	.120	-1.100	-4.0903	1.0000
5	-1	3	9.602	9.667	9.666	.105	-.045	-.5639	1.0000
5	-1	4	1.043	1.062	-1.062	-.092	-.016	-.0240	1.0000
5	-1	5	3.535	3.118	3.118	.016	.417	1.5236	1.0000
5	-1	6	13.801	14.525	-14.524	-.373	-.728	-5.1427	1.0000
5	-1	7	10.955	10.804	-10.796	-.396	.154	1.1861	1.0000
5	-1	8	24.050	24.050	-24.047	-.363	.019	-.0801	1.0000
5	-1	9	13.461	13.324	13.324	.130	.137	.9905	1.0000
5	-1	0	10.091	9.183	-9.183	-.092	.908	7.4631	1.0000
5	-1	0	15.404	14.490	-14.489	-.191	.914	5.5033	1.0000
5	-1	0	18.030	17.810	-17.809	-.193	.916	1.1528	1.0000
5	-1	0	2.062	1.240	1.240	.010	.822	2.3675	1.0000
5	-1	0	21.760	21.771	-21.770	-.171	.009	.0507	1.0000
5	-1	1	4.107	4.156	4.156	.075	-.052	-.2777	1.0000
5	-1	2	37.979	37.481	37.478	.491	.496	1.6346	1.0000
5	-1	3	19.760	19.762	19.762	.071	-.002	-1.6346	1.0000
5	-1	4	5.241	5.256	-5.257	-.121	-.017	-.0941	1.0000
5	-1	5	14.353	14.652	14.652	.210	-.295	-2.1741	1.0000
5	-1	6	6.733	7.187	7.183	.239	-.455	-2.3271	1.0000
5	-1	7	1.959	1.294	1.292	.059	.666	1.3748	1.0000
5	-1	8	11.661	11.436	-11.436	-.123	.224	1.6271	1.0000
5	-1	9	20.308	19.811	19.809	.275	.497	2.6727	1.0000
5	-1	0	6.085	6.310	-6.310	.032	-.225	-1.6437	1.0000

H	K	L	F(POS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOP
5	2	-3	21.142	21.386	-21.305	-.236	-.244	-1.2331		1.0000
5	2	-2	3.541	2.630	2.581	.509	.510	4.5247		1.0000
5	2	-1	25.236	25.365	25.364	.223	-.125	-.4894		1.0000
5	2	0	26.304	26.003	26.002	.101	-1.698	-6.4244		1.0000
5	2	1	19.549	18.966	-18.965	-.207	.583	3.5610		1.0000
5	2	2	2.264	2.976	2.976	.007	-.614	-1.6806		1.0000
5	2	3	1.219	.850	-.856	-.065	.561	.5477		1.0000
5	2	4	19.150	19.912	19.912	.180	-.762	-4.2577		1.0000
5	2	5	3.878	3.937	3.937	.017	-.062	-.2258		1.0000
5	3	-7	13.776	13.267	13.266	.153	.501	3.5036		1.0000
5	3	-6	1.643	.283	-.283	-.004	1.366	2.5442		1.0000
5	3	-5	26.376	27.016	-27.014	-.329	-.640	-2.7495		1.0000
5	3	-4	15.548	15.209	15.208	.185	.355	2.1294		1.0000
5	3	-3	8.070	7.604	-7.603	-.088	.466	4.0233		1.0000
5	3	-2	10.589	10.252	10.250	.174	.338	2.8026		1.0000
5	3	-1	18.208	18.706	18.704	.247	-.495	-2.5370		1.0000
5	3	0	39.032	38.447	-38.444	-.477	.566	2.1947		1.0000
5	3	1	27.805	27.637	-27.635	-.483	.168	.5091		1.0000
5	3	2	3.959	4.177	4.176	.061	-.217	-1.0143		1.0000
5	3	3	8.065	8.123	8.123	.127	-.059	-.4275		1.0000
5	3	4	16.949	16.838	-16.837	-.178	.111	.7147		1.0000
5	3	5	1.218	.153	-.097	.118	1.466	1.2234		1.0000
5	4	-7	6.859	6.727	-6.726	-.149	.132	.7167		1.0000
5	4	-6	24.177	24.057	-24.055	-.312	.126	.5896		1.0000
5	4	-5	4.027	4.262	4.262	.059	-.234	-.9967		1.0000
5	4	-4	40.479	40.470	-40.470	-.142	.605	.6279		1.0000
5	4	-3	10.637	10.843	10.843	-.002	-.186	-1.5574		1.0000
5	4	-2	11.181	10.426	-10.426	-.310	.755	0.3865		1.0000
5	4	-1	5.117	3.473	3.472	.100	1.644	10.1126		1.0000
5	4	0	4.257	4.766	4.766	.016	-.505	-2.5319		1.0000
5	4	1	2.270	1.391	1.391	-.026	.675	2.5863		1.0000
5	4	2	4.021	4.460	4.460	-.019	-.039	-1.9149		1.0000
5	4	3	10.942	19.037	19.035	.242	-.155	-.6594		1.0000
5	4	4	4.989	5.874	-5.874	-.220	.065	-3.6009		1.0000
5	4	5	7.561	7.651	7.649	.166	-.070	-.3842		1.0000
5	5	-6	6.107	5.999	-5.999	-.129	.108	.5341		1.0000
5	5	-5	5.640	5.409	5.408	.098	.231	1.2267		1.0000
5	5	-4	1.714	.082	-.082	.023	1.826	3.2835		1.0000
5	5	-3	21.890	21.449	-21.447	-.296	.441	2.3401		1.0000
5	5	-2	11.610	11.192	11.191	.101	.215	1.9099		1.0000
5	5	-1	42.170	42.025	42.022	.500	.145	4.770		1.0000
5	5	0	25.549	26.063	26.065	.338	-.515	-2.2748		1.0000
5	5	1	8.786	8.695	-8.694	-.137	.696	.4965		1.0000
5	5	2	11.030	10.635	-10.635	-.076	.395	3.1574		1.0000
5	5	3	15.212	15.321	-15.321	-.132	-.109	-.7586		1.0000
5	5	4	19.346	19.481	19.476	.302	-.135	-.8064		1.0000
5	5	5	6.443	6.634	-6.628	-.291	-.232	-1.2527		1.0000
5	6	-4	17.484	17.572	17.571	.179	-.036	-.5049		1.0000
5	6	-3	3.487	3.528	-3.528	.035	-.621	-.1475		1.0000
5	6	-2	3.621	4.051	4.051	-.005	-.425	-1.5890		1.0000
5	6	-1	10.205	10.306	10.305	.117	-.101	-.7947		1.0000
5	6	0	15.931	15.094	-15.094	.140	.037	.2430		1.0000
5	6	1	20.660	27.990	-27.986	-.475	.676	3.5418		1.0000

M	K	L	F(DBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	6	2	4.176	3.689	3.689	-.049	.487	1.6667	1.0000
5	6	3	3.999	3.926	3.925	.099	-.327	-.9958	1.0000
5	7	-5	1.253	.149	-.145	.033	1.104	1.2339	1.0000
5	7	-4	1.345	2.511	2.510	.024	-1.165	-1.5072	1.0000
5	7	-3	2.386	3.020	-3.016	-.096	-.634	-1.4366	1.0000
5	7	-1	21.957	21.724	-21.720	-.421	1.2510	1.2510	1.0000
5	7	0	13.144	12.456	-12.456	.686	5.4328	5.4328	1.0000
5	7	0	1.202	1.223	1.216	.126	-.020	-.0236	1.0000
5	7	3	9.092	9.703	9.703	.251	-.611	-3.9278	1.0000
5	7	2	13.706	13.649	-13.645	-.293	.056	.4073	1.0000
5	7	-3	2.860	2.275	-2.274	-.070	.525	1.4246	1.0000
5	8	-2	12.113	12.117	-12.113	-.298	.056	.4061	1.0000
5	8	-1	17.812	17.056	-17.059	.299	.256	1.6303	1.0000
5	8	0	16.951	26.034	26.031	.357	.517	2.2916	1.0000
5	8	0	9.387	6.686	6.685	.121	.701	4.3732	1.0000
5	8	1	4.166	4.784	-4.784	-.086	-.616	-2.0234	1.0000
6	-11	-1	2.040	.656	-.656	-.027	1.384	2.6721	1.0000
6	-11	0	13.718	13.635	13.633	.251	.084	.5952	1.0000
6	-11	1	1.403	2.085	2.079	.156	-.676	-.8132	1.0000
6	-10	-4	1.662	1.709	1.698	.159	-.067	-.0927	1.0000
6	-10	-3	17.912	17.861	-17.876	.423	.030	.1923	1.0000
6	-10	-2	12.705	13.170	13.167	.271	-.464	-3.9363	1.0000
6	-10	-1	2.332	.491	-.471	-.137	1.041	4.2896	1.0000
6	-10	0	2.456	.157	-.154	-.034	2.295	5.9827	1.0000
6	-10	1	15.053	16.008	-16.005	-.277	-.935	-6.1839	1.0000
6	-10	2	6.440	6.557	6.596	.095	-.156	-.7593	1.0000
6	-9	-5	9.995	3.151	-3.191	-.070	.603	2.7668	1.0000
6	-9	-4	9.087	6.932	6.932	.071	.155	.9907	1.0000
6	-9	-3	16.878	16.750	-16.748	.269	.127	.7882	1.0000
6	-9	-2	1.178	.736	-.736	-.056	.324	.5246	1.0000
6	-9	-1	40.627	40.671	-40.668	-.493	.156	.4660	1.0000
6	-9	0	19.592	18.716	-18.715	-.166	-.123	-.7416	1.0000
6	-9	1	6.610	6.573	6.570	.185	.037	.2145	1.0000
6	-9	2	26.818	26.739	-26.767	.349	.048	.2289	1.0000
6	-9	2	13.824	14.028	14.027	.135	-.204	-1.5160	1.0000
6	-9	3	8.293	8.246	-8.246	-.081	.047	.2871	1.0000
6	-8	-5	22.183	21.708	-21.705	-.371	.475	1.1950	1.0000
6	-8	-4	3.085	3.347	3.347	-.050	-.201	-.8276	1.0000
6	-8	-3	3.551	4.090	4.089	.045	-.539	-1.9766	1.0000
6	-8	-2	14.000	14.036	14.035	.214	-.036	-.2370	1.0000
6	-8	-1	2.699	2.857	-2.856	-.067	-.196	-.5990	1.0000
6	-8	0	13.047	13.102	13.107	.180	-.061	-.5191	1.0000
6	-8	1	1.178	1.075	1.062	-.167	.103	.1223	1.0000
6	-8	2	18.313	18.256	-18.256	-.187	.057	.3584	1.0000
6	-8	3	53.296	53.764	53.760	.656	-.466	-1.2773	1.0000
6	-7	-6	8.093	7.716	7.715	.207	.375	2.2753	1.0000
6	-7	-5	6.491	9.116	9.116	-.186	-.027	-.4.0594	1.0000
6	-7	-4	11.089	11.235	-11.233	-.251	-.147	-1.1932	1.0000
6	-7	-3	7.827	7.827	7.827	.321	.243	1.0207	1.0000
6	-7	-2	32.149	31.684	31.679	.541	.466	1.5284	1.0000
6	-7	-1	3.791	4.103	-4.103	.001	-.912	-1.3696	1.0000
6	-7	0	4.701	4.835	4.834	.103	-.134	-.7221	1.0000
6	-7	1	12.020	12.046	-12.043	-.259	-.026	-.2051	1.0000

H	K	L	F(001)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	FXT. FACTOR
6	-7	2	11.589	11.962	11.962	.137	-.373	-3.0361	1.0000
6	-7	3	5.778	5.892	-5.892	-.048	-.113	-.6060	1.0000
6	-7	4	16.699	16.617	16.617	.165	.082	.5398	1.0000
6	-7	5	4.691	3.691	3.691	.073	1.003	3.9879	1.0000
6	-6	5	8.350	8.524	8.524	.119	-.166	-1.0596	1.0000
6	-6	5	12.139	12.083	12.083	.143	.051	.3847	1.0000
6	-6	4	11.164	2.332	-2.332	-.007	-1.168	-1.6421	1.0000
6	-6	3	14.644	14.900	14.900	-.177	-.257	-1.6124	1.0000
6	-6	2	24.964	25.204	25.204	.241	-.240	-1.1291	1.0000
6	-6	1	18.970	19.888	19.888	-.279	.084	.4862	1.0000
6	-6	0	5.576	4.772	-4.772	-.214	.004	5.1284	1.0000
6	-6	1	9.666	9.576	9.576	.283	.091	.6083	1.0000
6	-6	2	5.477	6.219	6.219	-.292	.257	1.4975	1.0000
6	-6	3	7.901	7.767	7.767	-.291	.134	.5423	1.0000
6	-6	4	20.374	20.778	20.778	-.217	-.404	-2.1589	1.0000
6	-6	5	11.229	.315	.315	.147	.010	1.0396	1.0000
6	-6	5	1.219	.468	.468	-.048	.731	.8399	1.0000
6	-5	7	12.462	12.362	12.362	.171	.100	.7634	1.0000
6	-5	5	12.864	12.499	-12.499	.070	.386	2.0963	1.0000
6	-5	4	34.392	34.217	-34.215	-.426	.115	.3767	1.0000
6	-5	3	33.966	33.345	-33.343	-.353	.221	.7630	1.0000
6	-5	2	23.674	23.430	-23.430	-.199	.243	1.1949	1.0000
6	-5	1	44.233	47.053	47.051	.438	-.821	-3.0637	1.0000
6	-5	0	7.411	7.419	-7.410	-.122	-.008	-.0620	1.0000
6	-5	1	7.423	7.421	7.420	.128	.602	.0136	1.0000
6	-5	2	3.772	2.863	2.862	-.072	.305	1.2022	1.0000
6	-5	3	23.757	23.556	-23.552	-.346	.201	1.6593	1.0000
6	-5	4	14.427	14.603	14.602	.169	-.176	-1.4233	1.0000
6	-5	5	27.985	28.244	28.238	.598	-.259	-.4701	1.0000
6	-4	7	2.929	.887	.887	-.004	2.062	6.0432	1.0000
6	-4	6	4.643	3.978	-3.970	-.032	.665	3.1216	1.0000
6	-4	5	14.856	14.842	14.841	.197	.214	1.4554	1.0000
6	-4	4	17.351	16.805	-16.802	-.320	.544	3.4036	1.0000
6	-4	3	3.226	2.413	2.413	.016	.813	3.6757	1.0000
6	-4	2	41.878	42.077	42.075	.392	-.199	-.7559	1.0000
6	-4	1	1.399	.751	.742	.112	.648	1.2915	1.0000
6	-4	0	6.430	6.0377	6.0377	.153	-1.947	-7.3649	1.0000
6	-4	1	3.676	3.551	3.550	-.075	.125	.6225	1.0000
6	-4	2	9.263	8.709	8.704	.304	.054	4.9328	1.0000
6	-4	3	8.755	8.944	-8.944	-.002	-.189	-1.4876	1.0000
6	-4	4	3.892	3.966	-3.966	-.020	-.064	-.3340	1.0000
6	-4	5	2.978	2.756	-2.756	-.023	.822	.6415	1.0000
6	-3	7	17.349	16.462	-16.462	-.073	.897	5.3586	1.0000
6	-3	6	2.568	1.593	1.593	.024	.975	2.6538	1.0000
6	-3	5	12.854	12.869	12.869	-.296	-.013	-.1069	1.0000
6	-3	4	34.139	33.916	33.913	.459	.623	2.1377	1.0000
6	-3	3	23.420	22.648	-22.644	-.390	.572	2.8763	1.0000
6	-3	2	9.505	9.699	9.699	.070	-.115	-1.6120	1.0000
6	-3	1	11.303	11.154	-11.153	-.101	.145	1.2150	1.0000
6	-3	0	4.444	2.976	-2.976	-.137	1.868	10.8641	1.0000
6	-3	1	17.354	17.630	17.629	.227	-.277	-1.6305	1.0000
6	-3	2	14.225	14.121	14.120	.164	.104	.7182	1.0000
6	-3	3	33.613	34.068	-34.065	-.413	-.475	-1.5509	1.0000

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H	K	L	F(00S)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
6	-3	4	29.4777	29.912	-29.908	-.480	-.435	-1.8419	1.0000
6	-3	5	5.9887	6.309	-6.309	-.044	-.322	-1.6409	1.0000
6	-2	7	9.797	9.827	-9.825	-.197	-.029	-.2047	1.0000
6	-2	6	17.605	17.260	17.279	.171	.325	2.0302	1.0000
6	-2	5	10.307	10.069	10.067	.168	.235	2.1267	1.0000
6	-2	4	9.97	.108	-.049	-.096	.586	1.2470	1.0000
6	-2	3	30.656	30.342	-30.340	-.393	.914	1.6847	1.0000
6	-2	2	4.672	3.269	-3.230	-.503	1.402	8.5172	1.0000
6	-2	1	25.959	25.239	-25.238	.279	.720	2.7465	1.0000
6	-2	0	23.619	24.663	-24.663	-.052	-1.046	-3.5321	1.0000
6	-2	1	10.629	10.903	-10.903	-.062	-.274	-2.0914	1.0000
6	-2	2	7.841	2.667	-2.667	.000	.174	.6626	1.0000
6	-2	3	1.949	2.276	-2.275	-.023	-.327	-.7939	1.0000
6	-2	4	26.209	26.822	-26.820	-.339	-.616	-2.5505	1.0000
6	-2	5	18.876	19.157	19.152	.426	-.782	-1.6152	1.0000
6	-1	7	5.501	4.321	-4.321	.042	1.190	6.0033	1.0000
6	-1	6	27.398	27.256	-27.252	-.424	.142	.5848	1.0000
6	-1	5	23.298	23.364	23.363	.190	-.066	-.2876	1.0000
6	-1	4	4.960	4.632	-4.632	-.048	.327	2.0262	1.0000
6	-1	3	1.831	.841	.841	.017	.990	2.7740	1.0000
6	-1	2	12.986	13.105	13.104	.103	-.119	-.8678	1.0000
6	-1	1	5.158	4.880	4.879	.090	.276	1.7899	1.0000
6	-1	0	1.949	2.320	2.320	-.041	-.371	-1.0143	1.0000
6	-1	1	1.967	2.100	2.100	-.003	-.133	-.3765	1.0000
6	-1	2	23.825	26.092	26.090	.365	-.768	-1.0104	1.0000
6	-1	3	23.120	22.808	22.805	.366	.912	1.4091	1.0000
6	-1	4	2.566	8.783	8.782	.040	-.217	-1.5839	1.0000
6	-1	5	15.476	15.785	-15.781	-.369	-.309	-1.9868	1.0000
6	-1	6	2.159	1.101	-1.101	-.012	1.058	2.2071	1.0000
6	-1	7	5.009	3.639	-3.639	-.141	1.270	6.9205	1.0000
6	-1	8	6.728	6.121	6.121	.076	.607	4.3599	1.0000
6	-1	9	89.766	89.804	89.801	.079	-.695	-1.366	1.0000
6	-1	10	3.985	3.863	-3.863	-.017	.102	.5612	1.0000
6	-1	11	23.656	25.928	-25.928	-.125	-.272	-.9772	1.0000
6	-1	12	10.033	10.277	-10.277	-.077	-.244	-2.0093	1.0000
6	-1	13	1.621	2.306	-2.306	.012	-.285	-1.5489	1.0000
6	-1	14	7.233	7.228	-7.228	-.001	.5455	1.0000	1.0000
6	-1	15	28.588	28.187	28.183	.449	.401	1.5715	1.0000
6	-1	16	14.479	15.137	-15.137	-.140	-.255	-6.4484	1.0000
6	-1	17	30.217	31.049	-31.049	-.371	-.835	-3.4136	1.0000
6	-1	18	13.945	14.073	-14.070	-.310	-.526	-3.7316	1.0000
6	-1	19	1.204	1.973	-1.971	-.130	-.772	-.8976	1.0000
6	-1	20	7.320	7.215	7.214	.110	.105	.6955	1.0000
6	-1	21	1.227	1.970	-1.970	-.010	-.743	-1.1138	1.0000
6	-1	22	8.465	8.487	8.486	.095	-.022	-.4827	1.0000
6	-1	23	3.501	3.612	-3.612	-.082	-.311	-1.4794	1.0000
6	-1	24	20.822	27.784	-27.782	-.362	1.037	3.7793	1.0000
6	-1	25	4.986	5.202	-5.202	-.029	-.216	-1.5875	1.0000
6	-1	26	1.441	.670	-.067	.063	.771	1.6404	1.0000
6	-1	27	23.148	22.076	-22.075	-.288	.389	1.6876	1.0000
6	-1	28	13.854	14.197	-14.194	-.286	-.343	-2.4209	1.0000
6	-1	29	29.066	29.043	29.041	.394	.023	.1015	1.0000
6	-1	30	16.700	17.258	-17.255	-.265	-.559	-3.2263	1.0000

H	K	L	F(CBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
6	1	5	5.240	4.599	4.599	.120	.740	3.4207	1.0000	
6	2	-7	14.523	13.672	13.670	.218	.691	4.1244	1.0000	
6	2	-6	8.023	8.924	-8.921	-.483	-.911	-5.9883	1.0000	
6	2	-5	19.247	19.055	-19.053	-.235	.292	1.6431	1.0000	
6	2	-4	16.026	15.735	-15.735	-.044	.291	1.9445	1.0000	
6	2	-3	15.207	15.020	15.027	.194	.175	1.2338	1.0000	
6	2	-2	1.961	1.961	-1.961	.013	-.025	-.0675	1.0000	
6	2	-1	6.757	6.619	6.618	.118	.138	1.0253	1.0000	
6	2	0	27.270	27.474	-27.473	-.249	-.104	-.3599	1.0000	
6	2	1	4.662	3.841	-3.841	-.658	.621	4.5897	1.0000	
6	2	2	6.202	6.765	-6.765	.048	-.163	-1.1066	1.0000	
6	2	3	34.247	34.890	34.806	.529	-.643	-1.9156	1.0000	
6	2	4	2.906	4.455	4.437	.402	-.154	-4.4248	1.0000	
6	2	5	15.757	15.899	-15.895	-.364	-.142	-.9724	1.0000	
6	3	-7	1.539	2.779	2.778	.065	-.123	-1.7062	1.0000	
6	3	-6	7.125	6.408	-6.407	-.126	.717	4.3463	1.0000	
6	3	-5	10.581	10.542	-10.540	-.193	.039	.3036	1.0000	
6	3	-4	26.792	27.030	27.027	.404	-.232	-.9902	1.0000	
6	3	-3	32.565	31.915	31.912	.406	.650	2.1281	1.0000	
6	3	-2	7.056	7.128	-7.128	-.061	-.072	-.5114	1.0000	
6	3	-1	1.872	2.592	-2.592	-.074	-.721	-1.4890	1.0000	
6	3	0	24.553	24.486	24.485	.248	.067	.5127	1.0000	
6	3	1	10.776	10.991	-10.909	-.193	-.214	-1.6133	1.0000	
6	3	2	17.760	18.216	18.216	.473	-.516	-2.9158	1.0000	
6	3	3	1.976	3.179	-3.179	-.000	-1.307	-2.4348	1.0000	
6	3	4	4.622	4.506	-4.506	-.015	.116	.4633	1.0000	
6	4	-6	5.405	5.779	5.773	.245	-.379	-1.6652	1.0000	
6	4	-5	3.356	4.054	-4.052	-.110	-.698	-2.3304	1.0000	
6	4	-4	5.774	5.774	-5.773	-.002	-.505	-2.5732	1.0000	
6	4	-3	4.204	4.885	-4.885	-.041	-.681	-2.9724	1.0000	
6	4	-2	1.062	4.902	.900	.053	.461	.2126	1.0000	
6	4	-1	12.814	12.931	-12.931	-.156	-.117	-.6955	1.0000	
6	4	0	1.110	1.934	1.922	.722	-.824	-1.0394	1.0000	
6	4	1	35.886	16.151	-16.150	-.217	-.266	-1.7330	1.0000	
6	4	2	61.257	61.122	-61.118	-.648	.409	1.4095	1.0000	
6	4	3	13.773	13.730	13.730	.123	.043	.3162	1.0000	
6	4	4	12.158	11.836	11.837	.079	.520	2.2632	1.0000	
6	5	-5	22.937	21.977	-21.972	-.462	.860	3.6919	1.0000	
6	5	-4	19.575	19.383	-19.383	-.269	.192	1.1418	1.0000	
6	5	-3	9.930	10.055	10.054	.145	-.225	-1.2713	1.0000	
6	5	-2	4.486	3.657	3.657	.006	.823	3.8087	1.0000	
6	5	-1	14.869	14.424	14.423	.165	.443	3.7158	1.0000	
6	5	0	19.708	19.510	-19.508	-.271	.155	1.0759	1.0000	
6	5	1	1.882	2.095	-2.095	.001	-.213	-.4037	1.0000	
6	5	2	15.914	15.011	-15.010	-.222	.703	1.6706	1.0000	
6	5	3	13.510	13.709	13.708	.224	-.193	-1.5348	1.0000	
6	5	4	3.168	3.754	-3.754	-.047	-.587	-1.5679	1.0000	
6	5	5	10.275	9.819	-9.818	-.122	.456	3.1451	1.0000	
6	6	-4	22.235	21.399	21.396	.391	.686	4.6105	1.0000	
6	6	-2	10.355	10.234	-10.234	-.009	.121	.6691	1.0000	
6	6	-1	7.996	7.870	-7.869	-.111	.126	.8064	1.0000	
6	6	0	3.811	4.930	4.915	.386	-.119	-3.8724	1.0000	
6	6	1	13.536	13.363	13.362	.102	.173	1.2431	1.0000	

H	K	L	F(DOS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTER
6	6	2	12.076	12.429	12.429	.087	.246	1.6088	1.0000
6	7	-3	13.434	13.286	-13.264	-.260	.148	1.0020	1.0000
6	7	-2	13.659	13.140	13.137	.254	.254	3.4240	1.0000
6	7	-1	9.044	8.694	-8.694	-.115	.350	2.2155	1.0000
6	7	0	11.224	10.951	10.949	.246	.273	1.6832	1.0000
7	7	3	6.457	5.925	5.925	.090	.731	3.6353	1.0000
7	7	-3	19.710	19.212	19.210	.302	.497	2.9311	1.0000
7	7	-2	8.458	8.253	-8.253	-.066	.203	1.2276	1.0000
7	7	-1	10.265	10.459	-10.457	-.170	.273	-1.1583	1.0000
7	7	0	13.415	13.469	-13.466	-.099	.693	-2.9009	1.0000
7	7	-1	19.839	19.860	19.879	.224	.534	-4.3887	1.0000
7	7	-4	11.427	10.893	10.892	.093	.534	5.7794	1.0000
7	7	-3	2.234	2.774	-2.766	-.181	.540	-1.1197	1.0000
7	7	-2	32.298	31.732	31.729	.434	.562	2.2205	1.0000
7	7	-1	15.853	15.791	-15.731	-.099	.122	.9130	1.0000
7	7	0	4.017	4.162	-4.161	-.093	.145	-.5200	1.0000
7	7	-1	2.125	1.805	1.805	.003	.320	.6435	1.0000
7	7	-2	7.862	7.632	-7.631	-.029	.230	1.2112	1.0000
7	7	-3	7.892	7.232	-7.230	-.171	.136	-7.087	1.0000
7	7	-4	5.307	5.067	-5.067	-.253	.064	-5.680	1.0000
7	7	-5	10.117	10.201	-10.199	-.084	.240	1.0790	1.0000
7	7	-6	7.993	8.303	-8.302	-.107	.311	-1.6067	1.0000
7	7	-7	1.170	1.692	-1.642	.103	.482	-1.5775	1.0000
7	7	-8	20.699	20.654	20.653	.181	.045	.3884	1.0000
7	7	-9	63.259	63.325	-63.325	-.707	.684	-6.5195	1.0000
7	7	-8	26.314	26.996	-26.996	-.281	.095	-3.2864	1.0000
7	7	-7	8.425	8.521	8.520	.090	.465	-6.167	1.0000
7	7	-6	16.724	16.395	16.394	.132	.330	2.2372	1.0000
7	7	-5	18.940	18.471	-18.466	-.430	.465	2.5151	1.0000
7	7	-4	10.493	9.712	9.712	.068	.722	5.2632	1.0000
7	7	-3	7.058	7.007	-7.005	-.153	.051	.3096	1.0000
7	7	-2	2.789	3.085	3.080	.177	.297	-8.963	1.0000
7	7	-1	11.823	11.917	-11.917	-.097	.694	-7.690	1.0000
7	7	0	6.226	6.024	6.024	.068	.202	1.2427	1.0000
7	7	-1	15.172	15.135	-15.134	.144	.036	1.2722	1.0000
7	7	-2	1.433	1.093	-1.093	-.024	.414	.2722	1.0000
7	7	-3	16.790	17.177	17.173	.335	.387	-2.6455	1.0000
7	7	-4	12.435	12.759	-12.757	-.241	.324	-2.5420	1.0000
7	7	-5	8.246	8.707	-8.706	.130	.461	-2.7170	1.0000
7	7	-6	14.468	14.200	-14.199	-.133	.268	1.7235	1.0000
7	7	-7	11.207	11.362	-11.359	.233	.195	-1.1716	1.0000
7	7	-8	4.193	3.230	3.226	.147	.964	4.1200	1.0000
7	7	-9	12.833	13.090	-13.086	-.336	.258	-2.0200	1.0000
7	7	-10	1.069	1.519	.405	.324	.550	.7262	1.0000
7	7	-11	17.659	17.590	17.586	.378	.069	.4671	1.0000
7	7	-12	22.265	22.691	22.690	.197	.426	-2.2868	1.0000
7	7	-13	1.075	1.028	-1.013	-.172	.047	.0611	1.0000
7	7	-14	3.504	2.440	2.440	.024	.9734	1.0000	1.0000
7	7	-15	12.626	12.701	-12.699	-.075	.075	-6.176	1.0000
7	7	-16	10.964	11.708	11.705	.171	.744	-5.2135	1.0000
7	7	-17	13.491	13.269	13.267	.172	.223	1.5115	1.0000
7	7	-18	30.286	29.985	-29.983	-.327	.301	1.2092	1.0000
7	7	-19	1.101	.295	.285	.075	.806	1.0256	1.0000

H	K	L	F(DBS)	F(CALC)	A(CALC)	R(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
7	-5	-3	0.632	6.694	-6.693	-.121	.136	.6459	1.0000
7	-5	-2	1.635 *	1.631	-1.630	.059	.004	.0082	1.0000
7	-3	-1	24.812	24.612	24.610	.322	.200	.9299	1.0000
7	-5	0	13.876	14.123	-14.122	-.173	.247	-1.8702	1.0000
7	-5	1	47.856	49.160	-49.156	-.617	.304	-4.3206	1.0000
7	-5	2	10.423	10.465	-10.465	-.096	.042	-.3521	1.0000
7	-5	3	10.422	10.424	10.423	.151	.004	.0319	1.0000
7	-5	4	16.612	16.644	-16.642	-.219	.032	-.2061	1.0000
7	-5	5	9.072	9.025	9.023	.154	.305	.3005	1.0000
7	-4	-1	2.133	2.550	-2.549	-.023	.415	-.7679	1.0000
7	-4	-2	23.181	22.350	-22.347	-.008	.632	2.9343	1.0000
7	-4	-3	5.423	5.411	5.411	.008	.012	.0629	1.0000
7	-4	-4	36.344	34.720	-34.720	-.106	1.424	5.2396	1.0000
7	-4	-5	8.341	8.217	-8.217	-.039	.124	1.0024	1.0000
7	-4	-2	12.572	12.250	-12.246	-.321	.323	2.4687	1.0000
7	-4	-1	10.932	11.510	11.510	.022	.576	-4.7835	1.0000
7	-4	0	5.930	6.217	6.217	.041	.287	-1.1538	1.0000
7	-4	1	9.182	9.190	9.190	.108	.007	-.0603	1.0000
7	-4	2	5.972	6.499	-6.489	-.114	.512	-2.1262	1.0000
7	-4	3	20.391	21.094	21.092	.789	.702	-3.8737	1.0000
7	-4	4	3.070	.589	-.551	-.707	2.482	7.4442	1.0000
7	-4	5	5.341	5.132	-5.132	-.027	.205	.0054	1.0000
7	-3	-1	8.990	8.895	8.895	.307	.095	.5953	1.0000
7	-3	-2	5.171	4.470	-4.470	-.021	.702	3.4005	1.0000
7	-3	-3	8.373	7.998	7.998	.102	.374	2.3083	1.0000
7	-3	-4	6.141	6.270	6.268	.140	.129	-.6102	1.0000
7	-3	-5	17.472	17.307	-17.305	-.147	.371	2.3291	1.0000
7	-3	-2	13.627	13.771	-13.770	-.187	.344	-1.9889	1.0000
7	-3	-1	27.472	28.014	28.014	.466	.236	-.4219	1.0000
7	-3	0	36.230	36.232	36.229	.491	.001	-.0092	1.0000
7	-3	1	2.909	2.797	2.797	-.004	.112	.4085	1.0000
7	-3	2	3.604	3.637	-3.637	-.012	.033	-.1569	1.0000
7	-3	3	19.576	20.053	-20.051	-.274	.476	-2.6792	1.0000
7	-3	4	12.423	12.007	12.005	.216	.383	-2.0350	1.0000
7	-3	5	1.247 *	2.039	-2.039	-.033	.792	-.4903	1.0000
7	-2	-1	13.590	13.453	13.453	.241	.368	2.5587	1.0000
7	-2	-2	2.247 *	3.453	-3.453	-.347	.368	-2.5587	1.0000
7	-2	-3	12.422	12.184	-12.182	-.198	.239	-2.7072	1.0000
7	-2	-4	16.213	18.033	16.033	.098	.160	1.0935	1.0000
7	-2	-5	8.952	9.289	9.288	.070	.337	-2.8226	1.0000
7	-2	-2	2.291	.526	.525	-.019	1.766	5.6114	1.0000
7	-2	-1	3.624	4.095	-4.095	-.044	.471	-2.1207	1.0000
7	-2	0	31.706	32.265	32.265	.320	.557	-1.9528	1.0000
7	-2	1	29.875	30.107	-30.104	-.431	.232	-.7779	1.0000
7	-2	2	1.064 *	.292	.234	-.175	.772	1.0156	1.0000
7	-2	3	3.976	3.533	3.529	.150	.444	1.4950	1.0000
7	-2	4	5.908	4.981	4.975	.150	.927	4.6623	1.0000
7	-2	5	5.294	5.573	-5.570	-.171	.270	-1.2146	1.0000
7	-1	-1	1.216 *	.946	-.945	-.030	.271	.3118	1.0000
7	-1	-2	9.089	8.641	-8.644	-.135	.448	3.0142	1.0000
7	-1	-3	3.089	2.044	-2.044	-.135	.045	3.7849	1.0000
7	-1	-4	7.507	7.132	7.131	.135	.375	2.8555	1.0000
7	-1	-5	16.461	15.875	-15.875	-.031	.606	3.7289	1.0000

H	K	L	F(005)	F(CALC)	Δ(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
7	-1	-2	30.867	30.629	-30.626	-.408	.236	.6288	1.0000
7	-1	-1	26.231	26.160	-26.158	-.340	.071	.3472	1.0000
7	-1	0	10.860	10.840	-10.840	-.094	.120	1.0336	1.0000
7	-1	1	51.333	51.907	31.905	.416	-.574	-1.9160	1.0000
7	-1	2	16.163	16.540	-16.539	-.224	-.377	-2.4072	1.0000
7	-1	3	10.383	10.745	-10.744	-.159	-.562	-2.6376	1.0000
7	-1	4	1.178	2.099	-2.092	-.169	-.921	-1.0950	1.0000
7	-1	5	15.472	13.704	-13.701	-.249	-.131	-.6856	1.0000
7	0	-7	5.430	2.095	2.094	.019	1.335	4.4936	1.0000
7	0	-6	12.597	12.252	12.251	.096	.345	2.4573	1.0000
7	0	-5	5.998	3.882	3.882	.037	.021	.0883	1.0000
7	0	-4	1.040	1.695	1.695	-.002	-.651	-.8820	1.0000
7	0	-3	10.049	9.691	9.690	-.106	.156	1.3531	1.0000
7	0	-2	28.051	27.967	-27.969	-.439	.484	1.6295	1.0000
7	0	-1	13.090	12.763	12.762	-.180	.335	2.5929	1.0000
7	0	0	41.027	41.537	41.539	.399	-.500	-1.7960	1.0000
7	0	1	14.008	15.033	15.031	.224	-.125	-.6093	1.0000
7	0	2	35.470	35.121	35.121	-.079	.349	1.0961	1.0000
7	0	3	10.201	10.513	-10.512	-.150	-.312	-2.3037	1.0000
7	0	4	2.526	.503	-.440	-.243	2.325	6.4337	1.0000
7	0	-7	2.460	2.887	2.886	.085	.573	1.7071	1.0000
7	0	-6	11.367	10.873	10.871	-.209	.494	3.7035	1.0000
7	0	-5	8.719	8.751	-8.751	-.019	-.032	-.2261	1.0000
7	0	-4	4.807	4.371	4.371	-.006	.437	2.2904	1.0000
7	0	-3	20.632	19.931	19.931	-.312	.711	3.6228	1.0000
7	0	-2	16.677	18.642	18.642	.297	.035	.1664	1.0000
7	0	-1	28.717	28.739	28.736	-.387	-.021	-.0697	1.0000
7	0	0	17.200	17.635	17.634	.218	.065	.3910	1.0000
7	0	1	7.896	7.908	-7.907	-.135	-.014	-.3040	1.0000
7	0	2	3.685	3.442	3.441	-.072	.193	.7636	1.0000
7	0	3	6.495	6.592	6.590	.145	-.097	-.5395	1.0000
7	0	4	3.456	2.966	2.965	.067	.491	1.5447	1.0000
7	0	-6	1.209	.630	.629	-.016	.580	1.6708	1.0000
7	0	-5	7.069	7.258	-7.257	-.192	-.390	-1.1599	1.0000
7	0	-4	21.794	21.465	21.464	.258	.325	1.6640	1.0000
7	0	-3	3.373	3.259	3.259	-.096	.076	.2975	1.0000
7	0	-2	3.927	4.476	4.477	-.106	-.551	-2.4178	1.0000
7	0	-1	32.555	32.005	-32.005	-.448	.546	1.7618	1.0000
7	0	0	2.014	2.282	-2.249	-.391	-.266	-.6420	1.0000
7	0	1	17.177	17.059	17.056	.357	.116	.7403	1.0000
7	0	2	18.412	13.440	-16.440	-.049	-.827	-1.1459	1.0000
7	0	3	1.191	.311	.308	-.038	.800	1.6348	1.0000
7	0	4	2.706	3.982	-3.982	-.050	-.127	-2.9819	1.0000
7	0	-6	5.756	5.719	5.718	.079	.637	1.1757	1.0000
7	0	-5	1.916	1.732	-1.732	.019	.163	.3510	1.0000
7	0	-4	20.224	19.844	-19.841	-.299	.380	2.0719	1.0000
7	0	-3	16.078	17.938	17.937	.226	.140	.6584	1.0000
7	0	-2	14.506	14.434	-14.433	-.206	.071	.4985	1.0000
7	0	-1	2.206	3.020	3.020	.010	-.013	-.1940	1.0000
7	0	0	7.783	7.800	7.800	.056	-.017	-.2142	1.0000
7	0	1	9.751	9.816	9.814	.187	-.065	-.4740	1.0000
7	0	2	2.572	1.779	1.779	.017	.793	1.9372	1.0000
7	0	3	7.471	7.726	-7.725	-.012	-.256	-1.4168	1.0000

H	K	L	F(OBS)	F(CALC)	Δ(CALC)	Δ(CALC)	Δ(CALC)	Δ(CALC)	Δ(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTCP
7	4	-5	3.665	3.307	0.357	0.357	1.1337	1.0000					1.0000
7	4	-4	1.169 *	1.279	-0.186	0.890	1.0653	1.0000					1.0000
7	4	-3	17.465	17.190	0.274	0.273	1.5982	1.0000					1.0000
7	4	-2	62.577	61.442	0.651	0.651	3.4300	1.0000					1.0000
7	4	-1	17.670	17.504	0.137	0.137	0.761	1.0000					1.0000
7	4	0	19.153	18.807	0.106	0.106	1.8379	1.0000					1.0000
7	4	1	1.401 *	1.779	-0.955	0.822	0.850	1.0000					1.0000
7	4	2	1.235 *	0.428	0.37	0.805	0.9154	1.0000					1.0000
7	4	3	3.026	3.138	-0.112	0.112	0.2891	1.0000					1.0000
7	5	-4	10.870	10.561	0.195	0.329	2.2670	1.0000					1.0000
7	5	-3	1.848	1.597	0.09	0.251	0.4357	1.0000					1.0000
7	5	-2	12.746	12.441	0.167	0.306	2.4198	1.0000					1.0000
7	5	-1	11.241	11.159	0.143	0.143	1.0622	1.0000					1.0000
7	5	0	29.257	25.216	0.406	0.42	0.1904	1.0000					1.0000
7	5	1	10.877	10.357	0.005	0.690	4.5176	1.0000					1.0000
7	5	2	5.948	5.744	0.123	0.202	0.9249	1.0000					1.0000
7	6	-3	15.177	14.361	0.116	0.816	5.0180	1.0000					1.0000
7	6	-2	11.517	11.065	0.022	0.452	3.1441	1.0000					1.0000
7	6	-1	13.273	12.816	0.145	0.457	3.4250	1.0000					1.0000
7	6	0	6.984	6.383	-0.045	0.601	3.1733	1.0000					1.0000
8	-10	-1	8.800	8.829	-0.029	0.029	0.1710	1.0000					1.0000
8	-10	0	1.278	0.769	0.226	1.010	1.1051	1.0000					1.0000
8	-9	-2	3.148	1.66	0.165	2.902	0.0664	1.0000					1.0000
8	-9	-1	9.559	9.777	-0.094	0.215	1.4197	1.0000					1.0000
8	-9	0	8.602	8.822	-0.169	0.300	2.2442	1.0000					1.0000
8	-9	1	6.154	6.072	0.082	0.882	0.3949	1.0000					1.0000
8	-9	2	5.160	4.762	0.069	0.598	1.6507	1.0000					1.0000
8	-8	-4	46.732	45.601	0.627	1.131	3.0797	1.0000					1.0000
8	-8	-3	19.567	19.709	-0.255	0.255	0.7930	1.0000					1.0000
8	-8	-2	6.430	6.720	-0.084	0.293	1.5145	1.0000					1.0000
8	-8	-1	14.914	14.802	0.103	0.112	0.8016	1.0000					1.0000
8	-8	0	3.709	2.198	0.022	1.511	5.2292	1.0000					1.0000
8	-8	1	14.282	14.636	-0.265	0.356	2.7191	1.0000					1.0000
8	-8	2	19.197	20.248	-0.412	1.051	6.2368	1.0000					1.0000
8	-7	-5	3.976	3.402	0.043	0.574	1.5798	1.0000					1.0000
8	-7	-4	7.559	7.529	0.000	0.339	0.2299	1.0000					1.0000
8	-7	-3	2.180	2.542	-0.046	0.361	0.7799	1.0000					1.0000
8	-7	-2	15.654	15.640	0.015	0.015	0.0903	1.0000					1.0000
8	-7	-1	1.250 *	0.328	0.150	0.922	1.1786	1.0000					1.0000
8	-7	0	9.573	10.137	-0.112	0.564	4.0542	1.0000					1.0000
8	-7	1	12.375	12.391	-0.191	0.016	0.1263	1.0000					1.0000
8	-7	2	20.993	22.023	-0.457	1.030	5.9925	1.0000					1.0000
8	-7	3	13.131	13.657	-0.311	0.524	2.6454	1.0000					1.0000
8	-6	-5	17.565	17.334	0.383	0.231	1.3926	1.0000					1.0000
8	-6	-4	14.157	13.935	0.155	0.221	1.5982	1.0000					1.0000
8	-6	-3	2.245	2.761	-0.166	0.516	1.1608	1.0000					1.0000
8	-6	-2	1.143	0.918	0.014	0.225	0.2753	1.0000					1.0000
8	-6	-1	19.567	20.226	-0.285	0.635	3.7091	1.0000					1.0000
8	-6	0	17.472	18.029	-0.189	0.557	3.7200	1.0000					1.0000
8	-6	1	5.997	6.013	-0.114	0.026	0.1475	1.0000					1.0000
8	-6	2	15.913	16.457	-0.111	0.545	3.6990	1.0000					1.0000
8	-6	3	25.893	26.314	-0.390	0.821	1.9149	1.0000					1.0000
8	-6	4	1.236 *	0.531	0.059	0.705	0.7083	1.0000					1.0000

H	K	L	F(COS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
8	-5	-5	12.902	12.980	-12.978	-.233	-.019	-.1357		1.0000
8	-5	-4	7.605	7.670	7.668	.155	.175	2.1351		1.0000
8	-5	-3	47.054	46.696	46.693	.358	1.1045	1.0000		1.0000
8	-5	-2	8.900	8.606	8.606	.048	.295	2.2484		1.0000
8	-5	-1	7.417	7.147	-7.146	-.135	.270	1.8745		1.0000
8	-5	0	26.529	26.242	26.240	.329	.287	1.2250		1.0000
8	-5	1	19.258	19.762	-19.760	-.206	-.504	-2.6134		1.0000
8	-5	2	7.298	7.567	7.566	.150	-.270	-1.6350		1.0000
8	-5	3	3.825	3.499	3.499	.036	.026	.0863		1.0000
8	-5	4	6.055	6.186	-6.186	-.034	.772	4.0259		1.0000
8	-5	5	10.491	10.489	10.481	.291	.006	.0434		1.0000
8	-4	-5	6.552	6.384	-6.384	-.036	.167	.9395		1.0000
8	-4	-4	2.904	2.767	-2.767	-.038	.137	.4186		1.0000
8	-4	-3	12.220	12.229	-12.229	-.177	-.074	-.5624		1.0000
8	-4	-2	2.220	1.592	1.592	.083	.673	1.8207		1.0000
8	-4	-1	13.854	13.626	-13.625	-.199	.226	1.7718		1.0000
8	-4	0	5.023	2.922	2.919	.029	.3193	.3193		1.0000
8	-4	1	4.031	5.014	5.014	.014	-.983	-4.0007		1.0000
8	-4	2	64.184	64.691	-64.687	-.703	-.983	-7.5450		1.0000
8	-4	3	13.095	13.063	-13.062	-.147	.012	.6937		1.0000
8	-4	4	16.194	18.227	18.227	.116	-.034	-.1958		1.0000
8	-4	5	7.393	7.531	7.529	.166	-.146	-.8298		1.0000
8	-3	-5	12.069	12.053	-12.075	-.626	.006	-.0478		1.0000
8	-3	-4	25.669	25.200	-25.196	-.414	.665	1.9463		1.0000
8	-3	-3	3.391	3.692	3.692	.055	-.301	-1.1192		1.0000
8	-3	-2	2.848	3.403	-3.403	-.063	-.925	-3.0920		1.0000
8	-3	-1	13.746	13.954	-13.951	.256	-.107	-.7634		1.0000
8	-3	0	14.243	14.291	-14.290	-.166	.052	.4095		1.0000
8	-3	1	5.745	3.510	3.510	.023	.9121	.9121		1.0000
8	-3	2	23.841	24.642	-24.641	-.252	-.201	-.9943		1.0000
8	-3	3	4.098	3.857	3.856	.062	.641	3.4891		1.0000
8	-3	4	16.471	19.224	19.219	.430	-.753	-4.7658		1.0000
8	-3	5	2.394	1.105	1.105	.018	1.285	2.8697		1.0000
8	-2	-5	6.550	5.985	5.984	.098	.565	3.3331		1.0000
8	-2	-4	22.906	22.284	-22.283	-.236	.565	1.0000		1.0000
8	-2	-3	25.727	25.446	-25.445	.367	.622	3.1115		1.0000
8	-2	-2	3.754	3.248	3.248	.104	.278	1.7024		1.0000
8	-2	-1	9.048	9.884	-9.882	-.214	.506	2.2520		1.0000
8	-2	0	3.238	1.500	-1.461	.338	.064	.5340		1.0000
8	-2	1	14.417	14.462	14.460	.261	1.738	6.6324		1.0000
8	-2	2	25.485	23.985	-23.984	.119	-.345	-2.6091		1.0000
8	-2	3	2.910	3.035	-3.032	-.140	-.125	-2.7009		1.0000
8	-2	4	1.653	2.328	2.328	.024	-.675	-.3482		1.0000
8	-2	5	21.091	20.395	20.392	.256	.696	3.4980		1.0000
8	-1	-5	17.533	16.617	16.616	.256	.715	4.1317		1.0000
8	-1	-4	6.839	7.102	7.102	.097	.269	-1.5947		1.0000
8	-1	-3	32.876	32.877	-32.875	-.360	-.101	-.3088		1.0000
8	-1	-2	10.748	10.622	10.621	.164	.126	1.0386		1.0000
8	-1	-1	9.431	9.366	-9.365	-.147	.065	.5244		1.0000
8	-1	0	4.740	4.605	4.605	.180	.131	.6499		1.0000
8	-1	1	16.954	17.086	17.084	.268	-.133	-.8098		1.0000
8	-1	2	19.929	20.206	-20.204	-.300	-.276	-1.4959		1.0000
8	-1	3	28.715	29.603	-29.596	-.625	-.690	-3.3822		1.0000

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H	K	L	F(OBS)	F(CALC)	Δ(CALC)	σ(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
9	-1	4	5.833	1.175	1.175	.019	2.658	8.0821		1.0000
8	0	-6	14.110	13.564	13.560	.341	.546	3.4819		1.0000
8	0	-5	7.109	6.873	-6.872	-.139	.296	1.3038		1.0000
8	0	-4	30.290	29.358	-29.356	-.931	.931	3.6823		1.0000
8	0	-3	7.490	7.316	-7.315	-.099	.174	1.1696		1.0000
8	0	-2	36.470	34.839	-34.839	-.041	1.631	5.1460		1.0000
8	0	-1	5.845	5.676	5.676	.041	.165	.9696		1.0000
8	0	0	3.833	2.158	2.158	.249	1.676	6.8937		1.0000
8	0	1	5.162	5.231	5.231	.040	-.049	-.2401		1.0000
8	0	2	3.179	.722	-.722	-.033	.457	.5423		1.0000
8	0	3	2.750	2.730	2.230	-.008	.526	1.3197		1.0000
8	1	-6	14.149	12.602	-12.599	-.264	.547	3.8701		1.0000
8	1	-5	15.479	15.015	15.011	.597	.464	3.1729		1.0000
8	1	-4	9.213	9.609	-9.608	-.142	-.596	-2.7208		1.0000
8	1	-3	8.665	8.810	8.809	.135	-.145	-1.0564		1.0000
8	1	-2	1.111	1.610	-1.608	.035	-.499	-.6277		1.0000
8	1	-1	13.361	13.672	-13.670	-.215	.190	1.3847		1.0000
8	1	0	4.627	4.130	-4.129	-.080	.497	2.2989		1.0000
8	1	1	36.206	36.290	36.287	.512	-.082	-.2400		1.0000
8	1	2	20.987	21.213	21.210	.354	-.627	-3.2865		1.0000
8	1	3	1.371	1.007	-1.007	-.019	.364	.4404		1.0000
8	1	4	17.813	16.866	-16.862	.368	.947	5.2250		1.0000
8	1	5	1.176	.315	-.315	.309	.856	1.0195		1.0000
8	2	-3	9.917	10.245	-10.241	-.280	-.925	-2.4213		1.0000
8	2	-2	20.698	20.014	-20.014	.073	.584	3.2210		1.0000
8	2	-1	2.921	.768	-.768	.022	2.152	6.6190		1.0000
8	2	0	2.792	3.271	3.271	.070	-.679	-1.3170		1.0000
8	2	1	8.229	8.197	8.197	.098	.031	.2020		1.0000
8	2	2	21.864	21.974	21.974	.268	-.116	-.5628		1.0000
8	2	3	24.254	25.010	-25.004	-.543	-.756	-3.7371		1.0000
8	3	-5	2.074	1.446	-1.446	-.024	.626	1.1449		1.0000
8	3	-4	6.990	6.819	-6.819	-.067	.171	.5370		1.0000
8	3	-3	4.941	6.500	6.500	.104	.441	2.4991		1.0000
8	3	-2	4.024	3.048	-3.047	-.070	.976	3.6904		1.0000
8	3	-1	4.643	3.816	-3.815	-.080	.826	3.4791		1.0000
8	3	0	15.758	15.801	-15.798	-.315	-.043	-.2743		1.0000
8	3	1	17.322	17.228	-17.225	-.283	.095	.6076		1.0000
8	3	2	3.411	2.690	-2.689	.067	.721	2.1107		1.0000
8	3	3	16.805	15.641	-15.641	.103	1.164	7.1606		1.0000
8	4	-3	1.264	.158	-.158	.040	1.107	1.2256		1.0000
8	4	-2	3.121	1.962	-1.962	-.011	1.156	3.1640		1.0000
8	4	-1	2.055	2.569	2.569	-.007	-.514	-.9531		1.0000
8	4	0	15.906	16.567	-16.562	-.416	-.662	-4.0408		1.0000
8	4	1	15.920	16.297	16.295	-.276	-.377	-2.3894		1.0000
8	4	2	5.363	.200	.194	-.050	3.163	9.0425		1.0000
8	4	3	11.531	11.358	11.334	.262	.193	1.2992		1.0000
8	4	4	19.125	19.628	-19.625	-.380	-.503	-2.6263		1.0000
8	4	5	12.191	12.514	-12.510	.264	-.323	-2.2819		1.0000
8	4	6	14.412	14.527	-14.522	-.372	-.115	-.6882		1.0000
8	4	7	2.790	1.836	-1.835	-.046	.954	2.3169		1.0000
8	4	8	24.152	25.007	25.005	.317	-.855	-4.2757		1.0000
8	4	9	5.850	6.303	6.297	.262	-.453	-2.0268		1.0000
8	4	10	6.415	6.742	-6.742	-.069	-.327	-1.5542		1.0000

H	K	L	F(ORS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
9	-7	-3	10.112	10.139	10.137	.218	-.027	1.0000	
9	-7	-2	23.742	24.499	24.494	.442	-.078	1.0000	
9	-7	-1	10.401	10.702	10.698	.218	-.030	1.0000	
9	-7	0	9.863	9.955	9.954	.076	-.092	1.0000	
9	-7	1	8.266	7.978	7.977	-.091	.288	1.0000	
9	-7	2	1.284	.260	.211	-.451	1.7615	1.0000	
9	-6	-5	17.610	17.124	17.121	-.451	1.0000	1.0000	
9	-6	-4	16.765	16.242	16.241	.163	.486	1.0000	
9	-6	-3	7.397	7.272	7.271	.153	2.7357	1.0000	
9	-6	-2	10.504	10.344	10.344	.049	.7223	1.0000	
9	-6	-1	26.765	27.180	27.178	-.372	-1.4015	1.0000	
9	-6	0	11.237	12.930	12.918	-.539	-12.4727	1.0000	
9	-6	1	13.785	14.108	14.108	.191	-2.5140	1.0000	
9	-6	2	7.986	7.969	7.962	.067	-.4279	1.0000	
9	-5	-5	1.264	2.443	2.440	.103	-1.3046	1.0000	
9	-5	-4	23.392	23.362	23.359	-.379	.1540	1.0000	
9	-5	-3	20.925	20.449	20.449	.161	2.2636	1.0000	
9	-5	-2	1.180	.732	.727	-.058	.5360	1.0000	
9	-5	-1	3.411	3.054	3.054	-.017	1.1720	1.0000	
9	-5	0	7.955	8.300	8.300	.030	-2.1390	1.0000	
9	-5	1	11.194	11.823	11.821	.224	-5.3726	1.0000	
9	-5	2	1.252	.829	.828	-.034	.4730	1.0000	
9	-5	3	2.686	2.154	2.153	.018	1.0787	1.0000	
9	-5	4	4.747	4.556	4.556	.098	.5908	1.0000	
9	-5	5	5.300	5.282	5.277	-.223	.0639	1.0000	
9	-4	-4	4.067	3.518	3.518	.002	2.0949	1.0000	
9	-4	-3	63.466	63.408	63.404	.593	-1.3311	1.0000	
9	-4	-2	13.102	13.060	13.059	.150	.3142	1.0000	
9	-4	-1	21.564	21.741	21.740	-.138	-.4202	1.0000	
9	-4	0	13.891	14.104	14.104	-.005	-1.5347	1.0000	
9	-4	1	2.375	2.375	2.375	-.005	-.3403	1.0000	
9	-4	2	2.704	2.057	2.057	-.194	-4.5135	1.0000	
9	-4	3	7.181	8.057	8.056	-.194	1.1652	1.0000	
9	-4	4	2.694	3.079	3.079	-.186	-.0461	1.0000	
9	-4	5	9.408	9.235	9.234	.098	1.1852	1.0000	
9	-3	-3	3.931	3.545	3.545	-.018	1.0341	1.0000	
9	-3	-2	17.006	17.040	17.040	.195	-.2047	1.0000	
9	-3	-1	4.760	4.827	4.826	-.046	1.3051	1.0000	
9	-3	0	19.003	19.164	19.161	-.354	-.9576	1.0000	
9	-3	1	11.305	12.299	12.297	-.204	-7.3877	1.0000	
9	-3	2	8.000	8.146	8.144	.175	-.0734	1.0000	
9	-3	3	12.661	12.682	12.681	-.208	-1.5916	1.0000	
9	-3	4	10.586	10.025	10.026	.230	5.9376	1.0000	
9	-3	5	2.442	3.402	3.383	-.358	-2.2356	1.0000	
9	-2	-2	17.110	17.426	17.426	-.304	-1.8112	1.0000	
9	-2	-1	20.246	19.680	19.680	-.076	3.1008	1.0000	
9	-2	0	4.145	3.675	3.671	.155	1.8891	1.0000	
9	-2	1	2.839	1.902	1.902	-.005	2.7093	1.0000	
9	-2	2	10.891	11.479	11.477	.203	-4.4086	1.0000	
9	-2	3	17.943	18.160	18.158	-.219	-1.3035	1.0000	
9	-2	4	1.275	1.813	1.813	-.018	-.5917	1.0000	
9	-1	-5	5.181	5.066	5.084	.120	.5937	1.0000	
9	-1	-4	5.737	5.329	5.326	-.156	2.0554	1.0000	
9	-1	-3	12.227	11.842	11.840	-.226	3.1036	1.0000	

H	K	L	F(DDS)	F(CALC)	MCALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
9	-1	-2	17.915	17.576	17.574	.277	.335	2.0294	1.0000	
9	-1	-1	39.660	39.461	39.457	.586	.199	.5834	1.0000	
9	-1	0	3.290	3.274	-3.273	-.050	.017	.0525	1.0000	
9	-1	1	5.268	5.503	-5.502	-.100	-.214	-.5797	1.0000	
9	-1	2	14.268	14.417	14.416	.174	-.129	-.8697	1.0000	
9	0	-5	1.247	.705	.703	.059	.541	.6075	1.0000	
9	0	-4	1.955	.474	-.410	.224	1.181	1.8090	1.0000	
9	0	-3	6.576	6.316	-6.316	-.063	.260	1.4626	1.0000	
9	0	-2	1.174	.946	-.946	.004	.228	.2721	1.0000	
9	0	-1	1.798	5.326	-5.326	-.070	.472	2.4313	1.0000	
9	0	0	2.575	.290	.280	.075	2.585	7.1994	1.0000	
9	0	1	18.205	18.317	-18.314	-.297	-.297	-.6840	1.0000	
9	0	2	2.435	3.422	3.412	.263	-.211	-.20175	1.0000	
9	1	-3	13.073	12.561	12.559	.222	.591	3.7351	1.0000	
9	1	-4	3.169	4.163	4.162	.081	-.594	-2.7422	1.0000	
9	1	-2	25.094	24.951	-24.946	-.081	.052	.2400	1.0000	
9	1	-1	20.394	20.460	-20.457	-.371	.666	1.5392	1.0000	
9	1	0	3.163	2.473	2.473	.056	.666	1.5716	1.0000	
9	1	1	6.624	6.800	6.800	.048	-.176	-.5159	1.0000	
9	1	2	13.613	13.808	13.808	.213	-.195	-1.5034	1.0000	
9	2	1	14.447	14.347	-14.345	-.229	.120	.5150	1.0000	
9	2	-4	3.356	1.473	-1.473	.001	1.482	5.4573	1.0000	
9	2	-3	2.570	2.629	-2.629	-.093	-.085	-.1321	1.0000	
9	2	-2	19.775	19.108	-19.107	-.240	.667	3.7513	1.0000	
9	2	-1	26.798	26.797	26.792	.495	.001	.0005	1.0000	
9	2	0	6.526	6.319	-6.319	.062	.207	1.0158	1.0000	
9	2	1	1.506	1.905	-1.903	-.096	.392	-.4621	1.0000	
9	2	2	13.069	12.491	12.489	.227	.574	3.5857	1.0000	
9	3	-3	2.169	1.661	1.660	-.054	.5254	1.0000		*
9	3	-2	15.867	15.778	-15.775	-.295	.089	.6044	1.0000	
9	3	0	10.062	10.062	10.369	.229	-.310	-1.9768	1.0000	
9	3	1	3.300	3.284	3.280	.162	.015	.0398	1.0000	
10	-7	-1	5.956	5.882	-5.881	-.104	.074	.5205	1.0000	
10	-6	-3	8.835	8.697	-8.697	-.114	.137	.6042	1.0000	
10	-6	-2	8.084	7.986	7.986	-.014	.056	.5489	1.0000	
10	-6	-1	10.379	10.511	10.511	.039	-.152	-.4773	1.0000	
10	-6	0	2.679	2.695	2.695	-.062	-.026	-.0449	1.0000	
10	-5	-4	6.775	7.055	-7.055	-.024	-.280	-1.3447	1.0000	
10	-5	-3	10.215	10.383	-10.381	-.190	.168	-1.0800	1.0000	
10	-5	-2	7.336	7.314	7.313	.145	.023	.1249	1.0000	
10	-5	-1	11.199	10.599	-10.599	-.026	.600	4.1335	1.0000	
10	-5	0	14.723	15.255	-15.255	-.250	-.534	-3.4008	1.0000	
10	-5	1	15.688	16.958	-16.958	-.387	-.875	-6.7967	1.0000	
10	-4	-4	15.108	14.364	14.364	.122	.744	4.7100	1.0000	
10	-4	-3	10.516	10.211	10.211	.071	.302	2.0681	1.0000	
10	-4	-2	1.243	1.987	1.987	.007	-.743	-.8372	1.0000	
10	-4	-1	8.937	9.535	9.535	.195	-.601	-3.7217	1.0000	
10	-4	0	20.747	21.778	-21.773	-.490	-1.031	-5.7616	1.0000	
10	-4	1	4.468	4.872	4.871	.077	-.404	-1.4324	1.0000	
10	-3	-4	11.566	11.152	11.152	.228	.411	2.8599	1.0000	
10	-3	-3	2.335	.819	-.810	.120	1.516	3.2161	1.0000	
10	-3	-2	5.185	5.461	-5.459	-.114	-.275	-1.1540	1.0000	
10	-3	-1	16.296	16.194	16.192	.255	.102	.6866	1.0000	

H	K	L	F(HORS)	F(CALC)	AC(CALC)	BC(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
10	-3	0	14.957	13.505	13.501	.310	1.452	10.9884	1.0000
10	-3	1	15.263	15.527	-15.524	-.317	-.263	-1.0571	1.0000
10	-2	4	1.262	.771	.771	-.001	.492	.5451	1.0000
10	-2	3	14.122	13.929	-13.927	-.245	.192	* 1.5091	* **
10	-2	2	19.927	20.017	20.016	.248	.090	..4930	1.0000
10	-2	1	1.256	1.776	1.775	.073	-.520	..5794	* **
10	-2	0	11.860	11.802	11.802	.042	.056	.4201	1.0000
10	-2	1	27.949	28.576	-28.573	-.505	-.629	-2.0135	1.0000
10	-2	4	3.671	3.593	3.593	.067	.077	.2363	1.0000
10	-1	5	4.374	3.593	3.593	.062	.766	2.8124	1.0000
10	-1	2	16.126	15.523	-15.521	-.244	.203	1.2589	1.0000
10	-1	1	15.669	15.400	-15.398	.216	.288	2.0106	1.0000
10	-1	0	8.452	9.012	-9.010	-.206	-.860	-3.2121	1.0000
10	-1	1	1.283	2.018	-2.017	-.090	-.735	-.8024	* **
10	0	1	8.665	8.610	8.608	.162	.075	.4508	1.0000
10	0	2	2.944	3.100	-3.089	-.255	-.396	..6351	1.0000
10	0	1	7.139	7.431	7.430	.150	-.292	-1.5055	1.0000
10	0	0	46.531	46.373	46.369	.606	.158	.4203	1.0000
10	0	2	10.967	10.822	10.821	.171	.141	.9519	1.0000
10	1	1	2.797	.929	.929	.017	1.666	4.3994	1.0000

RESULTS OF STRUCTURE FACTOR CALCULATIONS

KYANITE (DELAWARE) AT 25 DEGREES C ED-FC TABLE

ALL REFLECTIONS

WEIGHTED R	UNWEIGHTED R	NUMERATOR	DENOMINATOR	NUMPR	R
39949.67	1190.52	21084580.67	30100.97	2140	.044
				2140	.040

RANGES OF F(OBS)

14503.92	5836464.37	1544	.056
6700.61	5683278.61	442	.036
4517.79	3042680.13	106	.039
2220.13	2507042.18	33	.030
211.69	353047.39	3	.024
65.32	308067.61	3	.015
1297.33	374954.74	1	.059
10432.70	2949145.04	8	.059

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

7424.25	4356590.36	98	.041
12737.66	4427925.35	180	.054
6047.30	1934439.70	224	.056
2458.72	2406621.02	262	.052
2215.38	2021106.21	311	.033
2290.70	2273507.99	315	.032
3305.71	1564295.32	352	.041
3469.96	1700494.71	397	.045

UNREJECTED REFLECTIONS

WEIGHTED R	UNWEIGHTED R				
24700.74	961.92	1916797.19	28962.47	1885	.036
				1885	.033

RANGES OF F(OBS)

13999.35	5634182.67	1297	.045
6700.61	5683278.61	642	.034
2273.67	2935670.44	104	.028
1051.62	2449140.14	92	.021
211.69	383647.38	3	.024
65.32	308067.41	3	.015
.00	.00	0	.066
.00	.00	0	.066
298.09	1573810.54	4	.014

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

3968.10	3874575.18	91	.032
2560.61	3052395.46	160	.029
4930.18	1875973.07	201	.051
2413.98	2406454.60	247	.032
2164.21	2020847.08	276	.033
2218.47	2273208.33	280	.031
3189.60	1963842.21	309	.040
3355.59	1699901.26	323	.044

SUM FCAL 29890.11
STANDARD DEV OF UNIT HEIGHT OBS 3.77

The thermal expansion and the high temperature crystal chemistry
of Al_2SiO_5 polymorphs

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Table 1
Stilpnomelane, andalusite and kyanite: observed and
calculated structure factors at various temperatures.

Kyanite 400 °C

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	0	1	1.285 *	.280	-.280	-.001	1.005	1.0945	1.0000
0	0	2	17.223	16.548	-16.548	-.140	.674	3.4382	1.0000
0	0	3	7.315	7.500	-7.500	-.063	-.185	-1.1070	1.0000
0	0	4	2.144	.828	.828	.008	1.317	3.7153	1.0000
0	0	5	6.738	6.452	6.452	.065	.286	2.5649	1.0000
0	0	6	15.124	14.102	14.102	.234	1.022	7.1660	1.0000
0	0	7	6.311	5.806	-5.806	-.010	.505	3.1908	1.0000
0	0	7	9.308	9.997	9.997	.308	-.469	-5.6289	1.0000
0	0	7	22.299	24.263	24.263	.325	-1.965	-9.3761	1.0000
0	0	8	18.045	19.472	-19.472	-.113	-1.427	-9.2754	1.0000
0	0	8	15.204	17.140	17.140	.105	-.936	-5.2512	1.0000
0	0	9	6.271	6.519	-6.519	-.025	-.248	-1.6139	1.0000
0	0	9	18.367	19.049	19.048	.129	-.681	-3.7953	1.0000
0	0	10	4.501	.041	-.041	.000	4.460	12.3496	1.0000
0	0	10	.978 *	.074	-.074	.009	.603	1.9117	1.0000
0	0	11	26.613	25.521	25.521	.094	1.062	7.3208	1.0000
0	0	11	60.198	60.000	-60.000	-.492	.190	1.2462	1.0000
0	0	11	21.828	20.466	-20.466	.038	2.363	6.4686	1.0000
0	0	11	3.851	3.843	-3.843	.025	.008	.0388	1.0000
0	0	11	32.579	32.164	-32.162	-.246	1.396	5.5158	1.0000
0	0	11	17.886	16.726	-16.726	-.295	2.158	7.5269	1.0000
0	0	11	21.613	19.955	19.954	.227	1.658	8.5012	1.0000
0	0	11	2.523	2.018	-2.017	-.094	.508	1.6547	1.0000
0	0	12	2.587	2.610	2.610	.022	-.023	-.0921	1.0000
0	0	12	11.021	11.133	-11.132	-.127	-.111	-.9894	1.0000
0	0	12	7.399	7.849	-7.849	-.047	-.450	-3.6448	1.0000
0	0	12	38.280	40.211	40.210	.318	-1.921	-9.9010	1.0000
0	0	12	24.262	25.913	25.913	.612	4.348	25.1700	1.0000
0	0	12	47.707	49.914	49.913	-.304	-2.207	-15.6392	1.0000
0	0	12	19.235	19.593	-19.593	-.107	-.355	-1.9752	1.0000
0	0	12	32.531	32.936	32.936	.230	-.406	-2.6968	1.0000
0	0	12	13.594	12.807	12.806	.092	.187	5.1167	1.0000
0	0	12	6.775	6.586	-6.586	-.061	.186	1.3509	1.0000
0	0	12	18.449	18.145	-18.144	-.123	.304	1.6743	1.0000
0	0	12	10.804	10.610	-10.610	-.112	.293	1.7015	1.0000
0	0	12	4.171	3.993	3.993	.066	.177	.9366	1.0000
0	0	12	22.935	21.289	21.289	.361	1.644	6.3413	1.0000
0	0	12	17.931	19.990	-19.989	-.192	-2.059	-11.5491	1.0000
0	0	13	3.948	3.633	3.633	.033	.915	1.7014	1.0000
0	0	13	21.857	23.756	23.754	.262	-.895	-9.8461	1.0000
0	0	13	10.084	10.850	-10.849	-.148	-.766	-6.1947	1.0000
0	0	13	2.040	.930	-.930	-.004	1.116	3.5818	1.0000
0	0	13	3.378	3.554	-3.554	-.028	-.176	-.8756	1.0000
0	0	13	36.088	36.119	-36.117	-.360	-2.931	-12.4784	1.0000
0	0	13	60.143	61.678	61.678	.529	-1.536	-10.1314	1.0000
0	0	13	22.575	23.934	23.931	.381	-1.359	-7.6208	1.0000
0	0	13	2.282	.182	.182	-.001	2.100	7.6891	1.0000
0	0	13	23.743	22.743	-22.743	-.115	.838	1.4711	1.0000
0	0	13	27.265	26.836	26.835	.247	.429	1.7513	1.0000
0	0	13	1.164 *	.914	.912	-.069	.249	.4411	1.0000
0	0	13	12.368	11.868	11.866	.171	.500	4.1161	1.0000
0	0	13	1.393 *	.794	-.794	.002	.599	.9305	1.0000
0	0	13	1.704 *	1.084	1.083	.054	.620	1.2913	1.0000

H	K	L	F(FBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	4	-6	18.129	19.400	19.398	.299	-1.272	-6.7905	1.0000
0	4	-5	.903 *	.176	.116	-.132	.727	1.1264	1.0000
0	4	-4	58.188	66.610	66.610	.195	-8.422	-34.6624	1.0000
0	4	-3	6.178	5.952	.080	.080	2.0464	2.0464	1.0000
0	4	-2	36.551	38.543	38.541	.381	-1.592	-10.0392	1.0000
0	4	-1	2.360	1.116	-1.113	-.082	1.244	5.2898	1.0000
0	4	0	23.083	23.083	23.082	-.192	.001	.0036	1.0000
0	4	1	11.428	11.423	11.422	.097	.005	.0356	1.0000
0	4	2	3.717	3.148	-3.148	.008	.569	2.9688	1.0000
0	4	3	9.623	9.048	-9.048	-.003	.575	4.2644	1.0000
0	4	4	5.327	4.937	4.935	.137	.390	2.9649	1.0000
0	4	5	11.390	11.234	-11.233	-.115	.156	1.3474	1.0000
0	4	6	58.612	55.562	-55.559	-.589	3.050	9.8435	1.0000
0	4	7	9.548	8.994	8.994	.085	.554	3.9412	1.0000
0	4	-7	14.752	15.792	-15.789	-.306	-1.030	-7.4536	1.0000
0	5	-6	2.386	2.742	2.747	.022	-.361	-1.0911	1.0000
0	5	-5	1.598	.200	-.200	.006	1.398	3.5232	1.0000
0	5	-4	8.962	9.488	-9.486	-.087	-.526	-5.1201	1.0000
0	5	-3	26.913	40.310	40.308	.406	-3.397	-14.3762	1.0000
0	5	-2	22.767	25.120	-25.119	-.177	-2.353	-10.0524	1.0000
0	5	-1	50.670	52.752	-52.750	-.445	-2.082	-10.0975	1.0000
0	5	0	48.439	49.469	-49.467	-.415	-1.030	-5.0767	1.0000
0	5	1	.978 *	.781	.766	.152	.197	.2816	1.0000
0	5	2	12.264	12.133	12.133	.076	.131	.8806	1.0000
0	5	3	17.767	17.908	17.908	.069	-.141	-.9121	1.0000
0	5	4	24.604	23.913	-23.911	-.262	.691	3.4834	1.0000
0	5	5	1.028 *	.841	-.841	-.003	.187	.2547	1.0000
0	5	6	10.507	9.676	-9.675	-.136	.632	5.1524	1.0000
0	6	-6	4.679	4.897	4.891	-.238	.282	1.4366	1.0000
0	6	-5	7.959	8.542	8.538	.257	.583	4.4751	1.0000
0	6	-4	13.568	14.716	-14.715	-.226	-1.148	-8.2418	1.0000
0	6	-3	3.485	3.844	-3.842	-.128	-.059	-.3302	1.0000
0	6	-2	8.920	9.240	9.279	.138	-3.4024	-3.4024	1.0000
0	6	-1	11.357	12.069	-12.088	-.126	-.732	-4.9390	1.0000
0	6	0	11.444	11.531	-11.531	-.079	-.087	-.6575	1.0000
0	6	1	27.329	27.891	27.889	.298	-.562	-2.2032	1.0000
0	6	2	4.529	2.398	2.397	.084	2.431	13.4618	1.0000
0	6	3	14.626	14.475	-14.474	-.155	.153	1.0173	1.0000
0	6	4	7.041	7.154	7.145	.371	-.113	-.9010	1.0000
0	6	5	12.709	12.436	12.435	.109	.273	2.1656	1.0000
0	6	6	7.594	7.123	7.127	.139	.466	2.9850	1.0000
0	6	7	4.092	5.169	5.167	.125	-.6.6863	-6.6863	1.0000
0	7	-5	7.966	8.793	8.791	-.169	-.827	-6.1637	1.0000
0	7	-4	2.091	.852	-.852	.027	1.239	3.8326	1.0000
0	7	-3	1.112 *	2.115	2.114	.059	-1.003	-1.7337	1.0000
0	7	-2	34.127	35.693	35.689	.522	-1.566	-5.8779	1.0000
0	7	-1	13.110	13.298	13.297	.212	-.4186	-1.2810	1.0000
0	7	0	7.054	7.452	-7.450	-.173	-.398	-3.5329	1.0000
0	7	1	14.800	14.547	-14.545	-.262	.252	1.7019	1.0000
0	7	2	18.392	18.378	18.376	.274	.014	.0791	1.0000
0	7	3	3.775	3.791	-3.791	-.040	-.016	-.0790	1.0000
0	7	4	7.655	7.451	7.449	.151	.204	1.5021	1.0000
0	7	5	8.514	7.693	7.691	.153	.822	5.8503	1.0000

KYANITE (DELAWARE) AT 400 DEGREES C

STRUCTURE FACTORS

H	K	L	F(CRS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	8	-5	6.863	7.277	7.277	.068	-.415	-2.6757	1.0000
0	8	-4	5.591	5.914	-5.914	-.032	-.324	-1.5913	1.0000
0	8	-3	9.182	9.318	9.318	.118	-.136	-1.1990	1.0000
0	8	-2	12.604	13.357	13.356	.190	-.553	-4.0315	1.0000
0	8	-1	10.117	10.942	-10.541	-.173	-.425	-3.3429	1.0000
0	8	0	34.148	34.732	-34.730	-.378	-.584	-2.0706	1.0000
0	8	1	11.931	12.059	-12.059	-.047	-.128	-.9741	1.0000
0	8	2	27.602	28.251	-26.251	-.049	1.411	4.7414	1.0000
0	8	3	17.284	16.797	16.790	.096	.487	2.9145	1.0000
0	8	4	22.970	22.036	-22.034	-.337	.133	.6636	1.0000
0	8	5	12.391	13.734	-13.733	-.162	-1.383	-10.0042	1.0000
0	8	6	20.144	21.925	-21.923	-.350	-1.681	-8.3779	1.0000
0	8	7	1.736	2.238	-2.236	-.074	-.600	-.8878	1.0000
0	8	8	24.349	25.214	25.212	.312	-.664	-3.8192	1.0000
0	8	9	15.860	16.702	-16.701	-.100	-.842	-4.7835	1.0000
0	8	10	1.965	2.250	2.258	.046	-.293	-.6847	1.0000
0	9	2	1.126	2.510	-2.510	.001	-1.382	-1.7154	1.0000
0	9	3	13.244	12.919	-12.917	-.206	.325	2.6030	1.0000
0	9	4	1.129	1.900	-1.899	-.065	-.771	-.9557	1.0000
0	10	-3	8.101	8.315	8.311	.259	-.214	-1.5148	1.0000
0	10	-2	14.673	15.168	15.163	.360	-.515	-3.2779	1.0000
0	10	-1	3.734	2.663	-2.658	.166	1.071	4.1768	1.0000
0	10	0	13.129	13.347	-13.341	-.393	-.218	-1.5274	1.0000
0	10	1	7.036	7.479	7.476	.209	-.442	-2.6237	1.0000
0	10	2	9.500	9.492	-5.489	-.232	.007	.0593	1.0000
1	-10	-2	1.935	.580	.575	.069	1.355	2.9162	1.0000
1	-10	-1	8.783	8.639	8.638	.104	.144	1.0528	1.0000
1	-10	0	9.612	9.901	9.809	.150	-.282	-2.1650	1.0000
1	-10	1	1.823	1.190	1.190	-.016	-.654	-1.2304	1.0000
1	-10	2	13.036	12.324	-12.323	-.156	.712	4.5013	1.0000
1	-9	-4	14.933	14.885	-14.884	.175	.042	1.0000	1.0000
1	-9	-3	18.668	18.558	-18.556	-.233	.211	.6216	1.0000
1	-9	-2	2.326	.247	.228	.095	2.079	5.9598	1.0000
1	-9	-1	28.001	27.902	27.902	.337	.699	2.2801	1.0000
1	-9	0	13.823	12.905	12.904	.111	.918	7.1646	1.0000
1	-9	1	1.048	.490	-.460	-.169	.596	.7445	1.0000
1	-9	2	34.267	32.626	32.624	.366	1.741	5.6190	1.0000
1	-9	3	5.767	5.661	-5.661	.002	.106	.0078	1.0000
1	-9	4	2.423	.063	.063	.005	2.360	6.1190	1.0000
1	-8	-5	7.593	8.185	8.185	.106	-.583	-3.8446	1.0000
1	-8	-4	25.056	24.960	24.957	.373	.696	1.4096	1.0000
1	-8	-3	8.174	8.534	8.532	.155	-.359	-2.8019	1.0000
1	-8	-2	7.719	7.342	-7.340	-.172	.376	3.0708	1.0000
1	-8	-1	12.996	12.547	-12.545	-.170	.450	3.3892	1.0000
1	-8	0	1.840	1.331	1.331	-.013	.505	1.3085	1.0000
1	-8	1	8.339	8.224	-8.224	-.042	.115	1.0012	1.0000
1	-8	2	1.012	.885	.879	.102	.127	.1764	1.0000
1	-8	3	29.152	27.707	27.706	.245	1.446	4.8038	1.0000
1	-8	4	66.039	62.840	-62.837	-.631	3.199	10.3611	1.0000
1	-8	5	25.388	23.349	-23.348	-.227	2.035	8.2415	1.0000
1	-7	-5	6.703	7.171	7.168	.199	-.468	-3.0617	1.0000
1	-7	-4	4.416	3.919	3.916	.158	.497	2.6850	1.0000
1	-7	-3	7.521	7.224	-7.221	-.231	.297	2.5613	1.0000

H	K	L	F(00S)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-7	-2	35.167	35.192	-0.025	0.005	-0.0205	1.0000	
1	-7	-1	14.540	14.539	0.001	0.000	0.0035	1.0000	
1	-7	0	5.193	4.255	-0.938	0.938	6.5713	1.0000	
1	-7	1	6.751	5.541	-1.210	1.210	10.2428	1.0000	
1	-7	2	9.563	9.457	-0.106	0.106	0.882	1.0000	
1	-7	3	1.823	1.328	-0.495	0.495	1.3036	1.0000	
1	-7	4	1.982	1.821	-0.161	0.161	0.4299	1.0000	
1	-7	5	9.906	9.444	-0.462	0.462	4.2086	1.0000	
1	-7	6	15.105	14.103	-1.002	1.004	6.6722	1.0000	
1	-6	-6	6.372	7.083	-0.711	0.711	-4.4305	1.0000	
1	-6	-5	18.236	18.939	-0.703	0.709	-4.2627	1.0000	
1	-6	-4	11.059	11.316	-0.257	0.262	-2.1527	1.0000	
1	-6	-3	15.930	16.156	-0.226	0.224	-1.3671	1.0000	
1	-6	-2	6.108	7.995	-1.887	0.876	0.9674	1.0000	
1	-6	-1	3.449	3.052	-0.397	0.356	1.6056	1.0000	
1	-6	0	16.151	15.486	-0.665	0.603	3.5614	1.0000	
1	-6	1	17.900	16.797	-1.103	1.103	6.0356	1.0000	
1	-6	2	8.085	9.607	-1.522	1.303	-11.5694	1.0000	
1	-6	3	12.476	11.172	-1.304	1.305	9.5850	1.0000	
1	-6	4	16.929	16.527	-0.402	0.394	2.2503	1.0000	
1	-6	5	6.167	5.442	-0.725	0.725	4.9262	1.0000	
1	-6	6	4.223	2.942	-1.281	0.204	1.2549	1.0000	
1	-5	-6	10.766	11.093	-0.327	0.325	-2.6024	1.0000	
1	-5	-5	3.786	3.339	-0.447	0.448	2.4495	1.0000	
1	-5	-4	34.927	35.816	-0.889	0.889	-3.3760	1.0000	
1	-5	-3	49.557	51.798	-2.241	-2.241	-9.4641	1.0000	
1	-5	-2	28.369	26.475	1.894	-1.102	-1.4666	1.0000	
1	-5	-1	48.199	47.806	0.393	0.392	1.9240	1.0000	
1	-5	0	4.720	4.439	-0.281	0.282	1.7069	1.0000	
1	-5	1	1.936	0.823	-1.113	1.113	3.1403	1.0000	
1	-5	2	10.485	10.443	-0.042	0.044	2.6983	1.0000	
1	-5	3	39.495	37.586	-1.909	0.909	3.6293	1.0000	
1	-5	4	22.026	20.664	-1.362	1.362	7.1035	1.0000	
1	-5	5	26.545	25.540	-1.005	0.930	3.3693	1.0000	
1	-5	6	13.280	12.809	-0.471	0.472	3.3213	1.0000	
1	-4	-7	7.833	8.544	-0.711	0.710	-4.9778	1.0000	
1	-4	-6	6.698	7.005	-0.307	0.306	-2.2436	1.0000	
1	-4	-5	9.307	9.697	-0.390	0.390	-3.3806	1.0000	
1	-4	-4	7.312	7.351	-0.039	0.039	0.3664	1.0000	
1	-4	-3	1.433	1.013	-0.420	0.420	1.0506	1.0000	
1	-4	-2	41.444	41.604	-0.160	0.159	-1.6085	1.0000	
1	-4	-1	25.142	24.308	-0.834	0.834	4.3228	1.0000	
1	-4	0	115.566	114.851	-0.715	0.715	4.1843	1.0000	
1	-4	1	18.081	16.683	-1.398	1.398	6.6356	1.0000	
1	-4	2	41.540	39.715	-1.825	1.824	9.1445	1.0000	
1	-4	3	1.067	1.100	-0.033	0.034	-0.0503	1.0000	
1	-4	4	16.077	15.248	-0.829	0.829	5.2022	1.0000	
1	-4	5	9.74	1.375	0.20	0.401	-5.759	1.0000	
1	-4	6	6.503	6.198	-0.305	0.305	2.1051	1.0000	
1	-4	7	13.903	12.765	-1.138	1.138	0.1700	1.0000	
1	-3	-7	16.093	16.774	-0.681	-0.681	-4.9694	1.0000	
1	-3	-6	4.934	3.650	-1.284	1.284	8.2866	1.0000	
1	-3	-5	10.312	10.207	-0.105	0.105	0.9601	1.0000	

H	K	L	F(OBS)	F(CALC)	Δ(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-3	-4	41.090	43.326	-43.323	-.495	-2.236	-9.6457	1.0000
1	-3	-3	25.598	25.850	25.848	.342	-.252	-1.1789	1.0000
1	-3	-2	1.847	2.081	2.081	.066	-.235	-.7960	1.0000
1	-3	-1	.957	.746	.746	.008	.111	.1811	1.0000
1	-3	0	22.898	22.841	22.841	.058	.3424	.3424	1.0000
1	-3	1	38.460	38.011	38.010	-.351	.469	2.6617	1.0000
1	-3	2	8.257	7.949	7.948	-.060	.308	1.8951	1.0000
1	-3	3	39.780	37.700	37.704	.316	2.074	9.8474	1.0000
1	-3	4	46.753	45.120	45.119	.539	1.630	6.9646	1.0000
1	-3	5	9.633	10.050	10.095	.015	-.462	-4.2316	1.0000
1	-3	6	3.845	3.140	-3.139	-.050	.706	3.2685	1.0000
1	-3	7	15.017	14.539	-14.537	-.182	.478	3.0876	1.0000
1	-2	-7	4.393	4.826	4.827	.080	-.435	-2.1811	1.0000
1	-2	-6	6.907	7.051	-7.081	-.050	-.174	-1.4077	1.0000
1	-2	-5	18.124	18.738	-18.737	-.205	-.614	-3.9892	1.0000
1	-2	-4	15.973	16.516	16.516	.158	-.543	-3.1442	1.0000
1	-2	-3	27.065	28.971	28.971	.236	-1.107	-5.2804	1.0000
1	-2	-2	33.894	28.707	-28.703	.527	5.186	31.2293	1.0000
1	-2	-1	44.910	44.789	-44.788	-.285	.121	.8695	1.0000
1	-2	0	20.912	20.524	20.524	.109	.386	2.2467	1.0000
1	-2	1	29.619	28.818	28.817	.196	.802	5.1379	1.0000
1	-2	2	8.916	8.196	-8.195	-.077	.720	4.1137	1.0000
1	-2	3	1.020	.388	-.388	.004	.632	.6677	1.0000
1	-2	4	22.284	21.245	21.244	.212	1.039	4.2374	1.0000
1	-2	5	14.219	12.979	-12.977	-.244	1.240	8.4918	1.0000
1	-2	6	11.973	11.222	-11.220	-.212	.751	6.0181	1.0000
1	-2	7	5.879	5.377	5.377	.150	.501	2.6981	1.0000
1	-1	-7	12.126	12.761	12.761	-.005	-.635	-5.0440	1.0000
1	-1	-6	31.770	34.236	34.233	.474	-2.465	-8.6465	1.0000
1	-1	-5	13.244	13.862	-13.862	-.075	-.615	-5.0009	1.0000
1	-1	-4	6.414	8.813	-8.813	-.069	-.395	-3.4418	1.0000
1	-1	-3	.916	1.259	-1.259	-.009	-.343	-.5241	1.0000
1	-1	-2	23.157	23.961	-23.960	-.198	-.804	-4.7151	1.0000
1	-1	-1	26.671	25.783	25.783	.095	.688	6.1776	1.0000
1	-1	0	8.015	7.714	-7.714	-.003	.301	1.4663	1.0000
1	-1	1	11.182	10.752	10.751	.086	.436	1.5745	1.0000
1	-1	2	58.544	57.718	-57.716	-.467	.827	5.2224	1.0000
1	-1	3	29.830	28.779	-28.776	-.395	1.051	5.1537	1.0000
1	-1	4	10.985	10.649	-10.649	-.050	.356	2.3769	1.0000
1	-1	5	27.260	26.536	26.536	.388	.724	2.7406	1.0000
1	-1	6	17.954	17.653	-17.652	-.191	.901	5.7327	1.0000
1	-1	7	3.829	3.521	3.520	.051	.308	1.3349	1.0000
1	0	-7	4.923	4.806	4.806	.089	.117	.6752	1.0000
1	0	-6	5.934	6.294	6.294	.094	-.461	-3.5026	1.0000
1	0	-5	1.409	.122	.122	-.005	1.287	3.2887	1.0000
1	0	-4	122.505	136.798	-136.798	-.805	-14.293	-68.2087	1.0000
1	0	-3	2.253	1.189	1.189	.008	1.064	3.8644	1.0000
1	0	-2	16.300	16.653	16.653	.140	-.393	-1.8537	1.0000
1	0	-1	3.420	.641	.641	.003	2.779	6.2469	1.0000
1	0	0	8.405	7.925	7.925	.460	.460	2.9687	1.0000
1	0	1	5.192	.155	.155	-.000	5.036	9.3554	1.0000
1	0	2	35.559	33.607	-33.606	-.305	-.048	-.2849	1.0000
1	0	3	9.856	9.302	9.302	.027	.554	3.5504	1.0000

H	K	L	F(001)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	0	4	42.331	41.192	41.190	.597	1.139	5.0092	1.0000
1	0	5	13.731	13.336	13.336	.182	.393	3.0402	1.0000
1	0	6	38.211	37.061	37.061	.121	1.130	3.6531	1.0000
1	0	7	11.303	11.260	-11.258	-.193	.044	.3649	1.0000
1	1	-7	2.608	2.013	-2.013	-.002	.593	2.0319	1.0000
1	1	-6	4.880	5.314	-5.313	-.052	-.434	-2.5943	1.0000
1	1	-5	.878	.591	.591	.007	.1287	.4571	1.0000
1	1	-4	9.892	10.348	10.347	.060	-.456	-3.6826	1.0000
1	1	-3	8.549	8.700	-8.699	-.071	-.151	-.5652	1.0000
1	1	-2	45.935	47.904	47.902	.381	-.1969	-12.7075	1.0000
1	1	-1	10.468	10.311	-10.310	-.085	.138	.5676	1.0000
1	1	0	17.390	15.077	15.077	.029	2.313	13.2999	1.0000
1	1	1	57.824	57.661	57.660	.366	.163	1.1869	1.0000
1	1	2	35.908	36.148	36.144	.365	-.178	-1.0366	1.0000
1	1	3	50.556	49.766	-49.765	-.372	.764	3.6502	1.0000
1	1	4	12.878	12.262	12.261	.136	.614	4.3180	1.0000
1	1	5	2.887	2.458	-2.458	-.045	.429	1.9427	1.0000
1	1	6	1.449	.806	-.804	-.066	.643	1.2754	1.0000
1	1	7	10.242	9.923	9.922	.153	.822	2.5849	1.0000
1	2	-7	18.692	19.484	-19.483	-.193	-.270	-4.6182	1.0000
1	2	-6	11.635	12.145	12.131	.535	-.508	-4.1021	1.0000
1	2	-5	25.827	27.017	27.015	.295	-1.185	-4.5800	1.0000
1	2	-4	7.920	7.499	7.499	.047	.621	1.872	1.0000
1	2	-3	22.685	23.436	-23.435	-.195	-.751	-3.6011	1.0000
1	2	-2	10.145	10.178	-10.177	-.101	-.093	-.2240	1.0000
1	2	-1	4.225	1.810	1.810	.001	2.415	9.3808	1.0000
1	2	0	28.525	28.803	28.803	.177	-.418	-2.6941	1.0000
1	2	1	5.274	5.766	5.766	.180	-.940	-4.2828	1.0000
1	2	2	32.216	37.755	-37.753	-.438	-.550	-3.4960	1.0000
1	2	3	4.845	3.517	-3.517	-.438	.461	2.1754	1.0000
1	2	4	26.496	25.191	-25.188	-.460	1.526	10.3852	1.0000
1	2	5	9.278	9.150	-9.149	.073	.126	1.0955	1.0000
1	2	6	1.102	.323	-.318	-.064	.779	.9906	1.0000
1	2	7	1.047	.267	.287	.001	.760	1.0156	1.0000
1	3	-6	.970	.950	.950	.014	.019	.0281	1.0000
1	3	-5	23.053	24.028	24.026	.278	-.975	-5.0849	1.0000
1	3	-4	35.636	38.175	-38.172	-.439	-.257	-10.7866	1.0000
1	3	-3	34.448	35.811	-35.807	-.304	-1.363	-6.4701	1.0000
1	3	-2	3.761	3.389	3.389	.033	.412	2.6938	1.0000
1	3	-1	3.702	3.902	3.902	.047	-.140	-.4924	1.0000
1	3	0	45.384	45.457	-45.456	-.359	-.073	-.4414	1.0000
1	3	1	9.868	10.071	10.070	.192	-.204	-1.3249	1.0000
1	3	2	17.852	18.153	-18.152	-.149	-.201	-.6752	1.0000
1	3	3	2.840	2.354	2.354	-.001	.105	1.9064	1.0000
1	3	4	6.832	6.938	6.938	.047	-.105	-.9441	1.0000
1	3	5	6.606	6.186	6.185	.079	.421	3.2815	1.0000
1	3	6	9.464	9.145	9.144	.130	.319	2.6287	1.0000
1	3	7	18.734	17.346	-17.346	-.102	1.368	6.2481	1.0000
1	4	-7	3.756	4.240	-4.237	-.145	-.484	-2.0085	1.0000
1	4	-6	17.978	19.485	-19.483	-.293	-1.506	-7.9038	1.0000
1	4	-5	1.303	1.447	1.444	.005	-.144	-.3070	1.0000
1	4	-4	18.493	19.630	19.629	.193	-1.136	-6.1795	1.0000

H	K	L	F(005)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
1	4	-3	1.589	1.934	-1.934	-.027	-.345	-.9877		1.0000
1	4	-2	4.802	4.596	-4.596	-.028	.205	1.5478		1.0000
1	4	-1	.901	.506	-.506	.011	.393	.6106		1.0000
1	4	0	1.241	.363	.363	-.151	.877	1.8178		1.0000
1	4	1	28.792	28.175	26.174	.163	.617	2.9946		1.0000
1	4	2	128.586	128.962	128.959	.795	-3.376	-16.0244		1.0000
1	4	3	24.554	23.133	-23.132	-.145	-.479	-1.9191		1.0000
1	4	4	6.020	8.061	-8.060	-.092	-.061	-.5556		1.0000
1	4	5	1.423	.118	.096	-.070	1.309	2.6018		1.0000
1	4	6	6.048	6.039	6.039	.073	.008	.0494		1.0000
1	4	7	17.001	17.847	-17.844	-.320	-.846	-5.0282		1.0000
1	4	8	9.370	10.062	10.061	.136	-.692	-5.8536		1.0000
1	4	9	22.417	23.185	23.182	.393	-.768	-3.6202		1.0000
1	4	10	26.429	30.766	30.767	.324	-2.399	-6.7816		1.0000
1	4	11	11.387	11.860	-11.859	-.152	-.473	-3.6591		1.0000
1	4	12	2.170	2.106	-2.105	.014	.065	.2395		1.0000
1	4	13	18.641	19.466	-19.466	-.096	-.827	-4.9164		1.0000
1	4	14	25.127	25.403	25.402	.232	-.276	-1.2138		1.0000
1	4	15	1.735	2.362	2.362	.007	-.627	-1.5840		1.0000
1	4	16	14.597	14.500	14.499	.125	.697	.7017		1.0000
1	4	17	3.646	1.126	-1.123	-.073	.521	1.3384		1.0000
1	4	18	41.290	41.222	-41.219	-.496	.076	.2713		1.0000
1	4	19	12.800	12.964	-12.964	.070	.936	9.3123		1.0000
1	4	20	2.766	2.992	2.992	.077	-.226	-.6512		1.0000
1	4	21	4.894	6.095	-6.093	-.163	-1.341	-5.8493		1.0000
1	4	22	4.229	3.765	3.765	.049	.573	2.8633		1.0000
1	4	23	4.222	4.652	4.652	.063	-.630	-2.6077		1.0000
1	4	24	19.211	19.919	-19.919	-.232	-.705	-3.5935		1.0000
1	4	25	5.288	5.423	5.422	-.022	-.133	-1.0416		1.0000
1	4	26	23.121	24.645	24.645	.179	-1.524	-6.0496		1.0000
1	4	27	9.637	8.582	-8.585	-.527	1.055	8.6066		1.0000
1	4	28	1.919	2.963	-2.966	-.140	-.779	-3.0127		1.0000
1	4	29	9.301	9.673	-9.673	-.091	-.372	-3.1774		1.0000
1	4	30	22.318	21.935	21.935	.202	.382	1.8629		1.0000
1	4	31	2.535	1.914	-1.913	-.026	.621	2.0634		1.0000
1	4	32	7.323	7.404	-7.404	-.081	-.081	-.5346		1.0000
1	4	33	20.331	21.053	-21.046	-.434	-.722	-3.9959		1.0000
1	4	34	10.888	11.207	-11.205	-.142	-.336	-2.6439		1.0000
1	4	35	7.310	7.548	7.547	.136	-.239	-1.8771		1.0000
1	4	36	16.445	17.025	17.024	.297	-.591	-3.7484		1.0000
1	4	37	17.264	17.441	-17.439	-.237	-.157	-.9322		1.0000
1	4	38	9.524	4.085	4.085	.031	-.509	-2.6691		1.0000
1	4	39	3.524	9.979	-9.978	-.157	-.055	-.4703		1.0000
1	4	40	11.835	11.970	-11.968	-.196	-.136	-1.0923		1.0000
1	4	41	35.176	35.006	35.002	.560	.169	.5974		1.0000
1	4	42	4.657	4.368	4.359	.292	.089	.4717		1.0000
1	4	43	3.190	2.303	-2.302	-.070	.087	.32343		1.0000
1	4	44	11.591	10.610	-10.609	-.120	.981	7.9260		1.0000
1	4	45	6.795	7.176	7.175	.146	-.382	-2.3621		1.0000
1	4	46	23.378	24.985	24.983	.301	-1.607	-6.7065		1.0000
1	4	47	8.351	8.985	8.983	.040	-.232	-1.9469		1.0000
1	4	48	33.932	35.421	35.421	.126	-1.490	-5.0432		1.0000
1	4	49	15.057	15.900	-15.900	-.023	-.843	-5.2177		1.0000

H	K	L	F(DBS)	F(CALC)	MCALC1	BCALC1	DELTA F	DELTA/SIGMA	EXT. FACTR
1	8	0	23.933	24.172	24.170	.327	-.239	-1.1354	1.0000
1	8	1	1.024	.374	-.359	-.105	.650	.8879	1.0000
1	8	2	4.264	3.800	-3.600	-.029	.464	2.3150	1.0000
1	8	3	4.110	4.263	4.262	.114	-.154	-.6419	1.0000
1	8	4	10.228	9.722	-9.722	-.072	.565	4.2261	1.0000
1	8	4	0.841	0.046	0.045	.136	-.205	-1.5104	1.0000
1	9	-3	1.112	1.404	-1.404	-.041	-.292	-.3901	1.0000
1	9	-2	1.379	1.062	1.062	.007	-.484	-.8094	1.0000
1	9	-1	19.871	20.208	20.208	.279	-.337	-1.7459	1.0000
1	9	0	24.222	24.346	-24.345	-.232	-.623	-.4106	1.0000
1	9	1	35.412	34.945	-34.945	-.377	.467	1.4598	1.0000
1	9	2	16.523	16.432	-16.430	-.273	.091	.5502	1.0000
1	9	3	5.468	5.832	5.829	.176	-.364	-1.7747	1.0000
1	10	-2	9.392	9.652	-9.650	-.217	-.260	-1.6994	1.0000
1	10	-1	3.026	2.564	2.563	-.058	.462	1.4453	1.0000
1	10	0	2.896	2.940	-2.940	.012	-.045	-.1342	1.0000
1	10	1	12.457	12.645	-12.644	-.174	.012	.0904	1.0000
1	10	1	23.219	23.025	23.016	.566	.194	.9261	1.0000
1	10	2	12.164	12.405	-12.405	-.159	-.241	-1.7440	1.0000
1	10	-2	1.107	1.151	-1.151	-.018	-.044	-.0557	1.0000
1	10	-1	16.156	16.037	16.030	.165	.119	.7118	1.0000
1	10	0	6.709	6.268	6.268	.011	.440	2.8624	1.0000
1	10	1	16.221	15.509	-15.508	-.103	.712	4.4057	1.0000
1	10	2	16.429	16.429	-16.420	-.536	.166	1.1279	1.0000
1	10	3	14.848	13.455	13.455	.082	1.432	9.5901	1.0000
1	10	4	4.563	4.090	-4.090	-.039	.473	2.2353	1.0000
1	10	5	4.025	3.035	-3.035	-.371	.665	4.4291	1.0000
1	10	6	39.332	39.179	-39.176	-.448	.152	.4989	1.0000
1	10	7	3.315	3.397	3.397	-.049	-.082	-.3388	1.0000
1	10	8	6.659	6.546	6.546	.040	.112	.6001	1.0000
1	10	9	1.030	1.055	1.055	.016	-.025	-.0337	1.0000
1	10	10	14.136	13.556	13.556	.143	.500	3.9749	1.0000
1	10	11	1.480	2.618	-2.618	.021	-1.136	-1.6909	1.0000
1	10	12	3.256	2.111	2.111	.020	1.145	3.6793	1.0000
1	10	13	7.214	6.964	6.962	.163	.266	1.6736	1.0000
1	10	14	5.560	5.672	5.672	.065	-.113	-.6730	1.0000
1	10	15	6.251	5.950	5.950	.006	.301	2.1432	1.0000
1	10	16	.981	.115	-.060	-.107	.844	1.2394	1.0000
1	10	17	32.643	32.374	-32.373	-.247	.265	.9780	1.0000
1	10	18	83.972	81.979	81.976	.699	1.593	6.0058	1.0000
1	10	19	32.982	32.473	32.472	.508	.509	1.8347	1.0000
1	10	20	2.379	.442	.436	-.078	1.034	6.3394	1.0000
1	10	21	10.113	9.822	-9.821	-.066	.291	2.5343	1.0000
1	10	22	4.268	3.462	-3.462	-.081	.806	3.7659	1.0000
1	10	23	6.668	6.159	-6.159	-.110	.510	3.6061	1.0000
1	10	24	19.660	20.330	20.326	.366	-.669	-4.0292	1.0000
1	10	25	17.339	17.525	-17.525	-.085	-.167	-1.0530	1.0000
1	10	26	6.086	5.992	5.990	.136	.094	.6670	1.0000
1	10	27	1.247	1.247	2.205	-.031	-.958	-1.7685	1.0000
1	10	28	9.528	9.467	9.466	.075	.061	.5751	1.0000
1	10	29	1.936	1.313	-1.312	-.035	.623	1.8646	1.0000
1	10	30	2.396	1.302	-1.301	-.048	1.095	4.0579	1.0000
1	10	31	7.050	6.443	6.442	.117	.607	5.3393	1.0000

H	K	L	F(DBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-7	2	24.947	24.202	-24.200	-.317	.74C	2.7225	1.0000
2	-7	3	6.304	6.102	-6.101	-.009	.202	1.5000	1.0000
2	-7	4	7.109	6.680	6.679	.071	.425	3.2070	1.0000
2	-7	5	10.800	10.323	-10.322	-.135	.543	4.2010	1.0000
2	-6	0	9.925	9.301	9.301	-.001	.532	2.3626	1.0000
2	-6	1	4.217	2.031	-2.027	-.120	2.186	12.0309	1.0000
2	-6	2	6.520	9.116	-9.114	-.194	2.288	-2.7488	1.0000
2	-6	3	22.535	2.345	2.337	.425	.399	2.1184	1.0000
2	-6	4	24.763	24.542	-24.538	-.424	.270	1.0827	1.0000
2	-6	0	20.009	19.270	-19.269	-.235	.240	1.0053	1.0000
2	-6	1	5.952	5.047	5.045	.159	.732	2.9458	1.0000
2	-6	2	6.073	7.956	7.957	.118	.106	.7695	1.0000
2	-6	3	9.921	9.223	9.222	.122	.115	.9446	1.0000
2	-6	4	7.945	7.629	-7.626	-.111	.095	.9634	1.0000
2	-6	5	12.496	11.932	-11.931	-.127	.215	1.8572	1.0000
2	-6	6	8.675	7.651	-7.651	-.036	.604	4.3638	1.0000
2	-5	7	25.142	24.165	-24.162	-.036	1.023	7.4052	1.0000
2	-5	8	13.323	13.768	-13.768	-.136	.979	4.7457	1.0000
2	-5	9	22.742	23.499	-23.498	-.256	.444	-3.2508	1.0000
2	-5	0	.885	.885	.105	-.052	.757	-3.6508	1.0000
2	-5	1	.902	.117	1.345	.010	.466	1.2154	1.0000
2	-5	2	14.580	14.733	14.733	.093	-.446	-.6923	1.0000
2	-5	3	47.247	46.571	-46.569	-.375	-.153	-.6319	1.0000
2	-5	4	20.590	20.296	-20.296	-.223	.676	3.22967	1.0000
2	-5	5	53.530	52.680	-52.678	.466	.303	1.3466	1.0000
2	-5	6	22.031	21.789	-21.788	-.128	.656	3.1830	1.0000
2	-5	7	11.776	11.600	-11.598	-.160	.176	1.2157	1.0000
2	-5	8	26.973	27.711	27.709	.209	.176	1.1933	1.0000
2	-5	9	9.672	9.573	-9.572	-.104	1.262	4.6792	1.0000
2	-4	0	10.842	10.385	-10.385	-.112	.100	.6884	1.0000
2	-4	1	1.092	2.430	2.430	-.012	.457	3.6921	1.0000
2	-4	2	22.654	23.400	23.396	.342	1.357	-1.7141	1.0000
2	-4	3	17.024	17.763	-17.763	-.127	-.746	-3.3639	1.0000
2	-4	4	49.043	51.226	51.226	.118	-.735	-4.3899	1.0000
2	-4	5	17.258	16.924	-16.924	-.083	.284	-9.0740	1.0000
2	-4	6	42.277	41.577	-41.577	.417	.698	1.5973	1.0000
2	-4	7	2.633	1.619	-1.618	.051	.698	3.5303	1.0000
2	-4	8	22.649	21.725	-21.725	-.187	1.012	4.5047	1.0000
2	-4	9	13.414	13.056	-13.055	-.097	.924	4.7096	1.0000
2	-4	0	10.289	9.776	9.776	.064	.355	2.0760	1.0000
2	-4	1	16.172	16.065	-16.065	-.117	.510	3.3428	1.0000
2	-4	2	2.014	1.758	-1.758	.138	.107	.5700	1.0000
2	-4	3	13.083	12.821	-12.821	.103	.258	1.199	1.0000
2	-4	4	67.538	64.769	-64.766	-.689	.862	6.4964	1.0000
2	-4	5	10.589	10.960	-10.957	-.242	2.769	9.0004	1.0000
2	-4	6	2.590	2.286	-2.285	.071	.371	-3.1149	1.0000
2	-4	7	.876	.261	-.261	.005	.304	1.1323	1.0000
2	-4	8	18.691	19.074	-19.073	-.216	.617	.9833	1.0000
2	-4	9	26.053	25.619	-25.617	.361	-.383	-2.2044	1.0000
2	-3	0	4.507	4.984	4.983	.106	.432	2.0345	1.0000
2	-3	1	24.400	25.242	-25.240	-.375	-.477	-3.4760	1.0000
2	-3	2	60.276	60.571	-60.566	-.563	-.843	-4.8157	1.0000
2	-3	3					-.294	-1.6726	1.0000

H	K	L	F(FBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-3	1	3.201	2.895	2.895	.030	.313	1.4189	1.0000
2	-3	2	1.606	2.303	-2.503	-.018	-.637	-1.5531	1.0000
2	-3	3	24.644	24.155	24.154	.216	.485	2.0895	1.0000
2	-3	4	15.155	14.165	-14.182	-.204	.972	6.1830	1.0000
2	-3	5	1.307	1.828	1.827	.014	-.520	-1.0211	1.0000
2	-3	6	18.015	12.053	-12.052	-.157	.962	7.1327	1.0000
2	-3	7	4.603	4.476	-4.476	-.060	.127	.5708	1.0000
2	-3	8	9.131	9.844	-9.843	-.141	.713	-5.8166	1.0000
2	-3	9	2.459	2.923	-2.923	-.332	.176	.6747	1.0000
2	-3	10	14.542	15.562	-15.560	.199	-.509	-4.2026	1.0000
2	-3	11	17.597	17.728	-17.727	-.160	-.151	-.7609	1.0000
2	-3	12	20.424	20.612	-20.611	-.209	-.188	-.8362	1.0000
2	-3	13	14.128	13.898	13.898	.101	.769	1.8454	1.0000
2	-3	14	6.173	7.449	-7.449	.071	.724	4.2895	1.0000
2	-3	15	31.196	30.610	-30.609	-.198	.327	2.5316	1.0000
2	-3	16	24.428	24.021	24.019	.761	.407	2.3406	1.0000
2	-3	17	10.255	10.187	10.186	.195	.068	.4094	1.0000
2	-3	18	17.213	15.992	-15.989	-.265	1.311	7.3931	1.0000
2	-3	19	8.791	9.593	-9.593	.362	-.1202	-9.1393	1.0000
2	-3	20	8.541	8.764	8.764	.196	.537	3.1507	1.0000
2	-3	21	20.026	19.235	-19.234	.206	.821	4.4930	1.0000
2	-3	22	8.202	7.878	-7.877	-.156	.322	2.2994	1.0000
2	-3	23	1.011	1.048	1.048	.011	-.038	-.0520	1.0000
2	-3	24	14.168	14.825	-14.824	-.210	-.692	-4.6035	1.0000
2	-3	25	14.574	15.273	-15.271	-.099	-.694	-5.1629	1.0000
2	-3	26	7.777	7.360	-7.360	-.090	.416	3.4278	1.0000
2	-3	27	19.082	18.180	-18.180	-.093	.901	4.3718	1.0000
2	-3	28	68.566	64.616	-64.608	.520	-.903	-5.7894	1.0000
2	-3	29	59.291	60.036	60.036	.352	-.637	-6.1521	1.0000
2	-3	30	19.744	19.021	-19.021	.070	.723	4.0792	1.0000
2	-3	31	58.417	58.460	-58.458	-.451	-.065	-.2929	1.0000
2	-3	32	28.553	27.658	-27.658	.195	.894	4.7759	1.0000
2	-3	33	6.328	6.195	-6.194	-.060	.133	.8230	1.0000
2	-3	34	2.235	1.679	1.677	.084	.554	1.8409	1.0000
2	-3	35	23.463	23.250	23.248	.318	.213	1.0907	1.0000
2	-3	36	24.452	24.093	-24.093	-.310	.355	1.6941	1.0000
2	-3	37	12.287	12.314	-12.307	-.408	-.027	-.2162	1.0000
2	-3	38	1.072	1.344	-1.344	-.019	-.271	-.3940	1.0000
2	-3	39	6.489	6.456	-6.457	-.097	.031	.2616	1.0000
2	-3	40	6.845	7.127	7.126	.052	-.481	-4.5454	1.0000
2	-3	41	2.815	2.900	-2.900	-.017	-.085	-.3872	1.0000
2	-3	42	11.109	10.917	-10.917	-.056	.192	1.3266	1.0000
2	-3	43	30.523	31.003	31.001	.289	-.479	-2.1871	1.0000
2	-3	44	5.431	6.240	-6.239	-.041	-.508	-2.6367	1.0000
2	-3	45	73.677	72.335	-72.334	-.435	1.342	10.2024	1.0000
2	-3	46	11.056	10.851	-10.851	-.088	.205	1.1923	1.0000
2	-3	47	15.289	14.607	-14.607	-.172	-.716	-4.1543	1.0000
2	-3	48	14.019	14.092	14.092	.138	-.073	-.4715	1.0000
2	-3	49	21.516	20.711	-20.708	-.352	.806	4.4613	1.0000
2	-3	50	2.010	1.307	1.307	.013	.702	2.2033	1.0000
2	-3	51	2.095	1.179	1.179	.036	.916	2.5773	1.0000
2	-3	52	3.139	2.856	-2.855	-.055	.283	.9620	1.0000
2	-3	53	1.024	.140	-.138	.023	.684	1.2071	1.0000

H	K	L	F(OBS)	F(CALC)	Δ(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	1	-6	15.768	16.501	-16.500	-.217	-.733	-4.6657	1.0000
2	1	-5	19.627	20.212	-20.212	.121	-.565	-3.2216	1.0000
2	1	-4	11.930	12.073	-12.073	-.081	-.995	-6.7647	1.0000
2	1	-3	28.206	26.985	-26.985	-.390	-.779	-3.9283	1.0000
2	1	-2	44.333	45.274	-45.272	-.384	-.941	-5.6656	1.0000
2	1	-1	54.367	55.923	-55.921	.436	-1.556	-10.1701	1.0000
2	1	0	12.561	12.591	-12.591	-.101	-.650	-2.2341	1.0000
2	1	1	4.431	5.062	5.061	.051	-.651	-3.2567	1.0000
2	1	2	2.545	2.672	2.670	.095	.473	1.6772	1.0000
2	1	3	30.561	29.900	-29.899	-.283	.661	2.5936	1.0000
2	1	4	5.387	4.354	4.354	.023	1.023	7.9349	1.0000
2	1	5	40.084	40.025	-40.023	.330	-1.9548	-1.9548	1.0000
2	1	6	27.845	27.456	27.455	.423	.307	1.7826	1.0000
2	1	7	4.538	3.762	3.762	-.037	.876	4.1141	1.0000
2	1	-7	10.502	10.789	10.788	.124	-.287	-2.25014	1.0000
2	1	-6	4.673	5.089	5.089	.069	-.436	-2.46987	1.0000
2	1	-5	2.899	2.423	2.422	.057	.476	2.4151	1.0000
2	1	-4	17.275	17.956	-17.955	-.169	-.681	-3.8896	1.0000
2	1	-3	12.468	12.703	-12.701	-.173	-.231	-1.6319	1.0000
2	1	-2	8.901	9.103	-9.103	.180	-.204	-1.5124	1.0000
2	1	-1	31.092	32.703	-32.699	.397	-.709	-4.1846	1.0000
2	1	0	38.549	32.626	-32.622	.493	-.724	-4.4638	1.0000
2	1	1	30.152	30.932	-30.929	.493	-.780	-4.2390	1.0000
2	1	2	26.706	26.614	26.613	.120	-.092	-.4397	1.0000
2	1	3	2.685	2.844	2.844	.091	-.161	-.6032	1.0000
2	1	4	.917	.135	-.135	.005	.782	1.1929	1.0000
2	1	5	9.558	9.648	9.647	.112	-.690	-.4519	1.0000
2	1	6	17.375	16.726	16.725	.168	.644	4.1909	1.0000
2	1	7	17.642	18.420	18.420	.170	-.175	-4.3966	1.0000
2	1	-6	2.712	2.618	-2.618	-.046	.092	.3661	1.0000
2	1	-5	9.027	9.407	9.407	.033	-.280	-3.6776	1.0000
2	1	-4	31.503	32.800	-32.797	.401	-.1297	-5.6776	1.0000
2	1	-3	21.541	22.507	-22.506	-.198	-.964	-4.2069	1.0000
2	1	-2	11.058	11.081	-11.081	.080	-.023	-.1553	1.0000
2	1	-1	3.376	2.763	-2.763	-.006	.614	3.5747	1.0000
2	1	0	13.908	13.584	-13.584	-.100	.324	1.9632	1.0000
2	1	1	1.679	1.326	-1.326	-.003	.352	.9269	1.0000
2	1	2	10.623	10.536	-10.536	-.077	.086	.5570	1.0000
2	1	3	19.903	20.733	20.733	.055	-.630	-4.5674	1.0000
2	1	4	29.254	29.391	-29.389	-.385	-.137	-.45095	1.0000
2	1	5	12.961	12.398	-12.698	-.277	-.283	2.1816	1.0000
2	1	6	2.561	2.640	-2.640	.040	-.079	-.2285	1.0000
2	1	7	4.151	3.568	-3.567	-.031	.503	2.8128	1.0000
2	1	-6	2.737	2.264	2.264	.022	.473	1.7613	1.0000
2	1	-5	4.865	5.069	5.069	.057	-.204	-1.3951	1.0000
2	1	-4	1.924	1.731	1.731	.121	1.193	4.3337	1.0000
2	1	-3	24.434	25.406	-25.405	-.163	-1.372	-5.7236	1.0000
2	1	-2	122.402	134.172	-134.170	-.794	-1.370	-5.6746	1.0000
2	1	-1	32.522	33.017	-33.017	.167	.196	-2.3409	1.0000
2	1	0	17.413	17.857	17.857	.117	.196	.9172	1.0000
2	1	1	2.866	1.954	-1.953	.046	.912	3.6676	1.0000
2	1	2	2.190	1.496	-1.495	-.040	.694	2.1848	1.0000
2	1	3	4.768	5.111	-5.110	-.084	-.343	-2.2948	1.0000

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H	K	L	F(0RS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	4	4	13.725	13.649	-13.646	-.282	.076	.5631	1.0000
2	4	5	12.704	12.593	-12.534	.137	.065	1.4064	1.0000
2	4	6	21.236	20.759	-20.756	.343	.078	2.6790	1.0000
2	5	-6	8.989	8.987	-.8.946	-.096	-.052	-.4712	1.0000
2	5	-5	6.116	6.577	6.567	.084	-.452	-3.2945	1.0000
2	5	-4	11.821	11.607	-11.606	-.146	-.380	-2.3632	1.0000
2	5	-3	1.859	.886	-.886	-.005	-.026	-.0432	1.0000
2	5	-2	6.520	6.654	-6.654	-.068	-.114	-1.0301	1.0000
2	5	-1	3.396	2.985	-2.985	.047	.013	2.1179	1.0000
2	5	0	40.119	47.225	47.225	.483	-1.131	-4.49503	1.0000
2	5	1	11.442	12.384	12.384	-.090	-.091	-6.5028	1.0000
2	5	2	4.641	4.543	4.543	-.007	-.096	.6589	1.0000
2	5	3	25.291	25.080	25.079	.275	.211	1.0574	1.0000
2	5	4	7.170	7.325	7.327	.196	-.151	-1.1419	1.0000
2	5	5	21.457	21.411	-21.430	-.229	.046	2.2339	1.0000
2	5	6	5.433	5.668	-5.063	-.023	.269	2.0444	1.0000
2	5	-5	17.934	18.844	-18.843	-.169	-.916	-5.4418	1.0000
2	5	-4	13.014	13.523	13.512	.550	-.505	-3.4609	1.0000
2	5	-3	21.608	21.726	21.735	.142	-.128	-.6381	1.0000
2	5	-2	6.827	7.178	7.128	.026	-.301	-2.7001	1.0000
2	5	-1	22.763	22.369	-23.368	-.205	-.625	-2.3973	1.0000
2	5	0	2.027	2.516	2.816	-.006	.211	.9775	1.0000
2	5	1	7.178	7.245	7.249	.046	-.077	-.6204	1.0000
2	5	2	18.781	18.875	18.875	.143	-.094	-1.5609	1.0000
2	5	3	2.306	2.773	2.773	.058	-.467	-1.4502	1.0000
2	5	4	5.060	4.950	-4.948	-.122	.110	.6111	1.0000
2	5	5	23.952	23.954	-23.950	-.435	-.002	-.0095	1.0000
2	5	-5	7.763	7.763	-1.761	-.022	1.002	3.3545	1.0000
2	5	-4	7.113	7.934	7.333	.117	-.239	-1.0535	1.0000
2	5	-3	10.403	10.462	10.460	.190	-.060	-.5189	1.0000
2	5	-2	33.409	34.227	-34.123	-.530	-.713	-2.5471	1.0000
2	5	-1	10.946	10.746	-10.743	-.272	.202	1.6650	1.0000
2	5	0	6.906	6.674	6.874	.093	.032	.2487	1.0000
2	5	1	6.063	6.271	6.271	.040	-.208	-1.4787	1.0000
2	5	2	20.115	20.012	-20.011	-.212	.109	.5617	1.0000
2	5	3	1.076	.711	-.707	.076	.364	.4743	1.0000
2	5	4	10.770	10.703	-10.703	-.232	.067	.5331	1.0000
2	5	5	14.153	14.306	-14.304	-.254	-.152	-1.0657	1.0000
2	5	-5	2.245	2.933	2.930	.125	-.686	-1.9046	1.0000
2	5	-2	8.527	8.571	8.521	.069	.006	-.0459	1.0000
2	5	-1	4.845	4.943	-4.943	-.085	-.103	-.5882	1.0000
2	5	0	4.882	4.518	4.518	.021	.364	2.1062	1.0000
2	5	1	6.226	6.118	6.118	.056	.108	.6826	1.0000
2	5	2	2.371	2.749	-2.745	-.148	-.378	-1.0096	1.0000
2	5	3	16.290	15.641	-15.640	.277	.645	4.2161	1.0000
2	5	4	23.996	26.678	26.678	.384	-.682	-2.7699	1.0000
2	5	5	15.485	15.839	15.839	.224	-.354	-2.3541	1.0000
2	5	-5	9.106	9.670	-9.668	-.183	-.564	-4.2505	1.0000
2	5	0	7.382	7.220	-7.220	-.050	.162	1.0775	1.0000
2	5	1	7.330	7.090	-7.090	-.025	.240	1.5719	1.0000
2	5	2	18.662	18.464	-18.462	.252	.198	1.1698	1.0000
2	5	3	3.264	1.186	1.186	.016	.077	6.9798	1.0000
2	5	4	8.824	8.912	8.909	.236	-.088	-.5931	1.0000

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H	K	L	F(OBS)	F(CALC)	Δ(CALC)	Δ(CALC)	Δ(CALC)	DELTA F	DELTA/SIGMA	FXT.	FACTPR
3	-10	-3	13.442	13.152	13.151	.106	.290	2.1697	1.0000	*	
3	-10	-2	13.474	14.474	14.468	.485	-.502	-3.4686	1.0000	*	
3	-10	-1	10.433	10.223	-10.223	-.090	.212	1.7438	1.0000	*	
3	-10	0	2.877	2.877	-2.877	.008	.325	1.1566	1.0000	*	
3	-10	1	14.891	14.313	14.314	.172	.576	3.7708	1.0000	*	
3	-10	2	2.679	1.930	1.930	.011	.750	2.1977	1.0000	*	
3	-10	3	7.454	7.481	-7.479	-.154	-.027	-.1659	1.0000	*	
3	-9	-4	7.743	7.668	-7.667	-.074	.075	.5117	1.0000	*	
3	-9	-3	1.690	.868	-.868	-.018	.022	1.6603	1.0000	*	
3	-9	-2	18.677	18.482	-18.481	-.197	.195	1.6232	1.0000	*	
3	-9	-1	1.022	1.543	1.542	-.104	-.115	-.7024	1.0000	*	
3	-9	0	8.138	8.209	8.208	.071	.071	-.5532	1.0000	*	
3	-9	1	1.588	2.349	2.344	.159	-.441	-1.0224	1.0000	*	
3	-9	2	24.458	23.886	-23.886	-.766	.570	2.5186	1.0000	*	
3	-9	3	26.226	25.729	-25.726	-.579	.498	2.0958	1.0000	*	
3	-9	4	21.233	20.477	-20.476	-.263	.786	3.6665	1.0000	*	
3	-9	5	16.357	18.028	18.027	.179	.379	2.0245	1.0000	*	
3	-9	6	52.748	52.259	-52.259	-.948	.450	1.4564	1.0000	*	
3	-9	7	22.002	21.805	-21.804	-.233	.302	.8262	1.0000	*	
3	-8	-2	2.599	1.405	1.402	.090	1.195	4.4105	1.0000	*	
3	-8	-1	6.911	7.167	7.167	.034	-.257	-2.5381	1.0000	*	
3	-8	0	.991	1.197	-1.197	-.027	-.202	-1.2830	1.0000	*	
3	-8	1	16.839	15.807	15.806	.193	1.033	5.1635	1.0000	*	
3	-8	2	19.256	18.867	-18.865	-.246	.385	2.2085	1.0000	*	
3	-8	3	3.754	3.404	-3.402	-.111	.580	1.5700	1.0000	*	
3	-8	4	24.973	23.811	23.809	.276	1.162	4.5632	1.0000	*	
3	-8	5	2.224	2.251	2.245	.169	-.078	-.0634	1.0000	*	
3	-8	6	4.531	4.525	-4.525	-.041	.026	.3152	1.0000	*	
3	-8	7	1.040	1.032	1.032	.014	.002	.0102	1.0000	*	
3	-8	8	2.335	2.318	2.317	.009	-.266	-1.4550	1.0000	*	
3	-8	9	1.598	1.380	1.380	-.033	.318	.6572	1.0000	*	
3	-7	-2	23.911	23.961	23.959	.253	-.545	-2.1829	1.0000	*	
3	-7	-1	9.508	9.942	9.942	.066	-.435	-2.5377	1.0000	*	
3	-7	0	7.506	8.329	8.329	-.065	-.071	-7.5207	1.0000	*	
3	-7	1	11.564	11.078	11.076	.217	.476	3.8268	1.0000	*	
3	-7	2	38.105	37.261	37.257	.545	.444	3.1405	1.0000	*	
3	-7	3	17.254	17.017	-17.015	-.284	.237	1.5366	1.0000	*	
3	-7	4	1.042	.532	-.532	.010	.648	1.0000	1.0000	*	
3	-7	5	3.366	3.896	-3.896	-.036	-.530	-1.9259	1.0000	*	
3	-6	-6	5.295	6.361	6.355	.295	-.106	-6.0926	1.0000	*	
3	-6	-5	22.945	23.278	23.275	.402	-.333	-1.5019	1.0000	*	
3	-6	-4	12.519	13.269	13.267	.177	-.745	-5.6985	1.0000	*	
3	-6	-3	6.465	5.942	-5.940	-.140	.4693	4.4693	1.0000	*	
3	-6	-2	9.913	10.144	-10.144	-.187	.231	-1.5020	1.0000	*	
3	-6	-1	17.866	17.633	-17.632	-.187	.235	1.2959	1.0000	*	
3	-6	0	13.995	13.391	13.390	.110	.604	3.7895	1.0000	*	
3	-6	1	20.011	20.162	20.161	.191	-.150	-.8231	1.0000	*	
3	-6	2	9.859	9.828	9.828	.024	-.269	-2.3004	1.0000	*	
3	-6	3	29.332	28.766	-28.765	-.259	.566	2.0885	1.0000	*	
3	-6	4	17.002	16.309	-16.298	-.610	.693	3.8124	1.0000	*	
3	-6	5	22.588	21.647	-21.646	.193	.942	4.0615	1.0000	*	
3	-6	6	1.605	1.757	-1.757	.032	-.152	-.2653	1.0000	*	
3	-5	-7	1.102	.462	-.462	-.005	.641	.8143	1.0000	*	

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA SIGMA	EXT. FACTOR
3	-5	-6	8.970	9.191	-9.190	-.093	-.220	-1.6301	1.0000
3	-5	-5	22.877	23.389	23.389	.255	-.913	-4.3114	1.0000
3	-4	-4	10.735	10.570	-10.566	-.202	.165	1.4912	1.0000
3	-5	-3	48.498	49.998	-49.997	-.381	-1.580	-6.4339	1.0000
3	-5	-2	16.026	16.161	-16.161	-.065	-.135	-.7534	1.0000
3	-5	-1	3.170	2.907	-2.907	.147	.285	1.1869	1.0000
3	-5	0	53.297	52.274	-52.272	-.442	1.022	4.9917	1.0000
3	-5	1	24.318	24.027	24.027	.117	.285	1.2426	1.0000
3	-5	2	7.402	7.324	-7.324	-.062	.135	1.0716	1.0000
3	-5	3	8.908	8.209	-8.209	-.002	-.283	-1.4281	1.0000
3	-5	4	8.908	8.276	-8.275	.047	.283	2.0830	1.0000
3	-5	5	3.592	2.443	-2.442	.063	.228	4.9440	1.0000
3	-5	6	10.898	9.825	-9.824	.063	.434	5.0759	1.0000
3	-5	7	9.258	9.335	-9.332	-.135	-.075	-1.0190	1.0000
3	-4	-6	22.857	22.359	-22.359	-.353	-.043	-1.1901	1.0000
3	-4	-5	1.892	1.858	-1.858	-.091	-.360	-1.4545	1.0000
3	-4	-4	8.997	9.140	-9.139	.155	-.143	-1.3225	1.0000
3	-4	-3	16.661	16.840	-16.839	.155	-.179	-1.0105	1.0000
3	-4	-2	8.999	8.037	-8.028	-.024	.961	1.5375	1.0000
3	-4	-1	30.167	9.753	-9.753	.093	.414	2.9473	1.0000
3	-4	0	1.993	1.327	-1.315	-.171	-.333	-.5286	1.0000
3	-4	1	25.511	24.417	-24.416	-.173	1.094	5.1402	1.0000
3	-4	2	127.906	130.801	130.808	.820	-.995	-52.0049	1.0000
3	-4	3	23.831	22.783	-22.783	.131	.548	2.1961	1.0000
3	-4	4	11.966	11.916	-11.915	-.091	.050	.3539	1.0000
3	-4	5	14.128	13.226	-13.226	-.124	.903	6.6819	1.0000
3	-4	6	1.864	1.864	1.864	.021	1.471	9.2748	1.0000
3	-4	7	10.898	10.595	-10.592	-.244	-.151	-1.2430	1.0000
3	-4	8	2.126	1.993	-1.991	-.068	.135	-1.2430	1.0000
3	-4	9	10.424	9.778	-9.768	.333	.090	6.1432	1.0000
3	-3	-5	37.133	38.377	38.375	.460	-5.2916	-5.2916	1.0000
3	-3	-4	21.599	21.168	-21.166	-.086	.491	1.9045	1.0000
3	-3	-3	12.909	12.522	-12.522	.106	.387	2.8016	1.0000
3	-3	-2	11.653	11.931	-11.929	-.178	-.276	-1.6273	1.0000
3	-3	-1	16.931	18.177	-18.177	.160	.754	3.7376	1.0000
3	-3	0	4.346	4.296	-4.295	-.018	.050	.2985	1.0000
3	-3	1	16.928	16.648	-16.647	.109	.281	1.6263	1.0000
3	-3	2	7.695	7.375	-7.374	.063	.321	2.3771	1.0000
3	-3	3	31.638	30.226	-30.225	-.435	1.410	5.4299	1.0000
3	-3	4	18.608	17.967	-17.966	-.114	.642	3.6205	1.0000
3	-3	5	4.234	4.146	-4.145	.080	.088	.4277	1.0000
3	-3	6	8.600	8.407	-8.405	.172	.193	1.5604	1.0000
3	-3	7	9.100	9.173	-9.173	-.081	-.073	-.6727	1.0000
3	-3	8	0.199	0.445	-0.444	-.316	-.246	-2.4782	1.0000
3	-3	9	17.821	17.512	-17.511	.119	.291	-1.4358	1.0000
3	-2	-3	18.330	18.526	-18.524	-.220	-.196	-1.4358	1.0000
3	-2	-2	5.355	5.359	-5.359	-.334	-.044	-.8757	1.0000
3	-2	-1	26.445	26.576	-26.574	.347	-.591	-3.0529	1.0000
3	-2	0	40.822	35.187	-35.183	-.476	5.636	33.9338	1.0000
3	-2	1	21.398	21.108	-21.106	-.308	.290	1.4708	1.0000
3	-2	2	36.153	35.078	-35.075	-.191	1.075	5.3298	1.0000
3	-2	3	13.559	12.882	-12.880	.308	.677	4.1608	1.0000
3	-2	4	2.682	2.292	-2.292	.047	.390	1.6647	1.0000