

H	K	L	F(001)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	-2	1	3.168	3.468	3.462	.057	-.294	-1.2744	1.0000
3	-2	2	11.527	11.524	-11.524	-.156	.268	2.1448	1.0000
3	-1	1	30.787	31.035	-11.030	.022	-.225	-1.9720	1.0000
3	-1	2	28.240	28.710	28.710	-.492	-.402	-3.6011	1.0000
3	-1	3	35.219	34.501	-34.500	-.272	-.101	-.6.2544	1.0000
3	-1	4	31.082	31.922	-11.921	-.042	-.220	-1.8449	1.0000
3	-1	5	11.835	12.484	11.481	.397	-.111	-.1.6886	1.0000
3	-1	6	16.712	16.725	-16.720	.005	.000	-.2.370	1.0000
3	-1	7	4.692	4.461	4.705	-.062	-.278	-1.5005	1.0000
3	-1	8	9.970	11.5	11.5	-.011	.42	7.3327	1.0000
3	-1	9	38.761	42.302	-42.300	-.170	.420	8.0823	1.0000
3	-1	10	44.984	43.752	43.752	.571	.832	4.2912	1.0000
3	-1	11	36.921	35.732	35.732	.505	1.205	5.3442	1.0000
3	-1	12	7.000	1.800	1.604	-.600	.252	2.7347	1.0000
3	-1	13	16.011	15.500	-15.502	.112	.200	7.0256	1.0000
3	-1	14	14.032	14.634	14.632	.172	.112	7.972	1.0000
3	-1	15	8.257	8.512	8.515	.002	-.110	-.6.292	1.0000
3	-1	16	10.438	10.075	-10.078	-.169	-.237	-1.9870	1.0000
3	-1	17	3.469	3.299	3.298	.040	.001	-.0.390	1.0000
3	-1	18	28.711	29.458	29.458	.281	-.177	-.3.4859	1.0000
3	-1	19	24.222	24.755	-2.755	-.040	-.122	-.6.5619	1.0000
3	-1	20	500.907	116.919	116.919	.176	-.6.112	-35.4027	1.0000
3	-1	21	4.501	4.287	-.4287	-.017	.102	4.2721	1.0000
3	-1	22	12.164	12.060	12.060	-.012	-.122	-7.4522	1.0000
3	-1	23	8.469	8.497	-8.497	-.012	.012	-.0.790	1.0000
3	-1	24	12.820	11.854	-11.854	-.098	-.204	2.4628	1.0000
3	-1	25	1.445	.009	.067	.015	1.327	2.4628	1.0000
3	-1	26	2.717	2.827	2.144	.092	.272	2.4429	1.0000
3	-1	27	20.987	20.985	-20.984	-.101	.112	-.1.660	1.0000
3	-1	28	3.4229	3.689	3.680	-.181	-.460	-1.4599	1.0000
3	-1	29	10.251	10.034	10.029	.811	-.403	-2.4464	1.0000
3	-1	30	24.726	25.110	25.107	.320	-.265	-1.4222	1.0000
3	-1	31	25.191	25.170	-.25.167	-.375	.021	-.0.786	1.0000
3	-1	32	5.563	5.517	5.517	.045	.060	-.5.705	1.0000
3	-1	33	5.806	6.017	-6.017	-.057	-.211	-1.7056	1.0000
3	-1	34	9.552	9.860	-9.859	-.114	-.020	-.6.025	1.0000
3	-1	35	41.335	40.505	40.503	.436	.830	3.0669	1.0000
3	-1	36	4.181	3.931	-3.931	-.009	.250	4.0757	1.0000
3	-1	37	60.821	55.523	-55.521	-.450	1.205	7.1151	1.0000
3	-1	38	50.937	50.946	-50.945	-.485	.491	2.3827	1.0000
3	-1	39	.962	1.612	-1.610	.077	-.628	-.6.9955	1.0000
3	-1	40	9.481	9.544	9.544	.073	-.062	-.1.6245	1.0000
3	-1	41	21.095	20.947	20.946	.147	.146	1.662	1.0000
3	-1	42	15.574	15.045	-15.042	-.255	-.070	-.5.125	1.0000
3	-1	43	7.083	7.114	7.112	.139	-.031	-.4.2209	1.0000
3	-1	44	10.094	10.341	-10.339	-.190	-.267	-2.0197	1.0000
3	-1	45	14.281	14.385	-14.382	-.108	-.108	-.1.0000	1.0000
3	-1	46	4.949	6.863	6.873	-.362	1.114	-.1.9384	1.0000
3	-1	47	19.885	19.789	19.786	.317	-.044	-.0.2288	1.0000
3	-1	48	31.620	31.574	-31.574	-.162	-.044	-.0.2288	1.0000
3	-1	49	5.696	5.631	-5.630	-.102	-.115	-.1.4983	1.0000
3	-1	50	1.856	1.691	1.690	.049	.162	1.4941	1.0000
3	-1	51	9.440	9.267	-9.267	-.073	.173	1.2391	1.0000

4	K	I	FIBERS	FC(CALC)	A(CALC)	MC(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	2	2	28.692	28.693	-28.692	-.207	.206	.1997	1.0000
3	2	3	28.177	28.719	28.716	.497	.498	.2321	1.0000
3	2	4	9.741	9.268	9.265	.151	.174	3.5127	1.0000
3	2	5	6.536	6.535	-6.536	-.140	-.031	-.2225	1.0000
3	2	6	2.747	1.809	-1.805	-.758	.078	2.7271	1.0000
3	2	7	12.709	13.431	13.430	.721	-.222	-2.3980	1.0000
3	2	8	1.251	1.788	1.796	.545	-.367	-.4909	1.0000
3	2	9	9.112	1.333	1.332	-.019	-.421	-.1457	1.0000
3	2	10	4.164	10.143	10.146	.180	-.299	-2.7937	1.0000
3	2	11	7.203	0.160	-0.160	-.803	.092	.4370	1.0000
3	2	12	2.820	2.777	-2.777	-.614	.375	-.5917	1.0000
3	2	13	3.114	.610	-.610	-.910	2.818	19.2718	1.0000
3	2	14	43.111	42.229	-42.228	-.672	.468	-.4773	1.0000
3	2	15	22.501	23.580	23.580	.239	.472	6.4735	1.0000
3	2	16	4.491	4.437	-4.437	-.057	-.072	-.2939	1.0000
3	2	17	20.678	19.909	-19.909	-.561	.077	1.810	1.0000
3	2	18	20.527	20.242	-20.242	-.287	.677	3.2505	1.0000
3	2	19	8.421	8.318	-8.318	-.102	.124	-.7558	1.0000
3	2	20	5.467	5.496	5.496	.150	-.587	-2.8086	1.0000
3	2	21	12.177	11.729	-11.728	-.448	.416	5.3440	1.0000
3	2	22	60.246	61.665	61.665	.616	-.144	-5.3223	1.0000
3	2	23	10.350	10.612	10.612	.262	-.462	-2.5397	1.0000
3	2	24	11.340	11.618	11.618	.278	-.344	-2.9087	1.0000
3	2	25	3.221	3.065	-3.065	-.066	.186	1.0584	1.0000
3	2	26	4.040	4.901	4.901	.603	-.201	-1.4225	1.0000
3	2	27	2.671	2.195	-2.194	-.463	.476	1.5239	1.0000
3	2	28	25.204	25.117	-25.115	-.332	.387	-.7823	1.0000
3	2	29	18.438	17.489	-17.489	-.174	.675	2.6928	1.0000
3	2	30	61.041	42.607	-42.605	-.603	.687	-1.6196	1.0000
3	2	31	15.448	15.470	-15.465	-.067	-.087	-.247	1.0000
3	2	32	26.290	27.112	27.112	.082	-.518	2.3905	1.0000
3	2	33	15.610	15.605	-15.604	-.069	.192	-1.3088	1.0000
3	2	34	1.024	1.206	1.206	.002	-.162	-.2167	1.0000
3	2	35	2.195	1.456	-1.456	-.079	.743	2.3570	1.0000
3	2	36	23.992	23.986	-23.986	-.001	.604	-.0187	1.0000
3	2	37	5.645	5.403	-5.403	-.049	.042	-.2368	1.0000
3	2	38	11.945	12.019	-12.019	-.063	-.074	-.6174	1.0000
3	2	39	27.453	27.124	-27.122	-.333	.529	1.3048	1.0000
3	2	40	11.343	11.427	-11.425	-.084	-.024	-.6661	1.0000
3	2	41	35.539	36.364	36.364	.825	-.845	-3.2837	1.0000
3	2	42	21.142	21.239	-21.216	-.076	-.076	-.3876	1.0000
3	2	43	5.469	5.138	-5.137	-.031	.331	2.1374	1.0000
3	2	44	2.142	1.047	-1.047	-.036	1.051	2.4970	1.0000
3	2	45	6.030	6.021	-6.021	-.009	-.051	-.2810	1.0000
3	2	46	1.108	1.953	1.953	.015	-.675	-3.1095	1.0000
3	2	47	13.166	13.358	13.357	.156	-.192	-1.4718	1.0000
3	2	48	.994	1.618	1.618	.624	-.624	-.40791	1.0000
3	2	49	.995	1.799	-1.799	-.003	-.804	-1.2082	1.0000
3	2	50	12.490	18.677	18.677	-.203	-.187	-1.1109	1.0000
3	2	51	3.791	3.677	-3.676	-.075	.114	-.6085	1.0000
3	2	52	4.895	4.358	-4.358	-.182	.535	3.5011	1.0000
3	2	53	29.143	29.079	-29.075	-.444	.064	-.7255	1.0000
3	2	54	1.387	1.427	-.417	.295	.960	1.8520	1.0000

H	K	L	F(000)	F(CALC)	F(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
3	0	2	18.017	16.043	-18.038	-.025	-1.1501	1.0000
3	4	4	10.571	10.369	.130	.182	1.4189	1.0000
3	7	5	11.009	11.239	-11.238	-.231	-1.8632	1.0000
3	7	5	0.785	0.699	-0.085	-.090	-0.1175	1.0000
3	7	5	1.837	2.106	-2.106	-.277	-0.4314	1.0000
3	7	5	10.570	20.047	-20.046	-.477	-2.5937	1.0000
3	7	5	0.210	0.191	-0.188	-.034	-0.3239	1.0000
3	7	5	13.807	13.415	-13.415	-.164	-1.4490	1.0000
3	7	5	3.755	3.156	-3.156	-.207	-0.3344	1.0000
3	7	5	4.884	0.760	-0.760	-.141	-1.1654	1.0000
3	7	5	0.372	0.777	-0.777	-.208	-2.3135	1.0000
3	7	5	1.125	1.581	-1.581	-.454	-0.8321	1.0000
3	7	5	2.099	2.257	-2.257	-.156	-0.5071	1.0000
3	7	5	1.565	1.613	-1.613	-.175	-0.4661	1.0000
3	7	5	2.849	2.707	-2.707	-.160	-0.7117	1.0000
3	7	5	13.011	59.200	-59.199	-.969	-0.5966	1.0000
3	7	5	21.345	26.114	-26.113	-.238	-0.4463	1.0000
3	7	5	1.954	3.054	-3.054	-.668	-1.0000	1.0000
3	7	5	14.218	14.641	-14.640	-.212	-0.1771	1.0000
3	7	5	1.054	2.878	-2.878	-.116	-0.4415	1.0000
3	7	5	7.524	7.801	-7.800	-.277	-0.6771	1.0000
3	7	5	20.723	21.232	-21.227	-.480	-0.8110	1.0000
3	7	5	13.094	14.811	-14.810	-.701	-1.6401	1.0000
3	7	5	2.022	1.811	-1.811	-.243	-0.6401	1.0000
3	7	5	13.817	14.411	-14.411	-.030	-0.1433	1.0000
3	7	5	10.514	10.467	-10.466	-.197	-1.1789	1.0000
3	7	5	4.905	4.863	-4.863	-.142	-0.9300	1.0000
3	7	5	5.956	6.000	-6.000	-.243	-0.8000	1.0000
3	7	5	12.515	12.472	-12.471	-.181	-0.8811	1.0000
3	7	5	1.000	1.414	-1.414	-.389	-1.4515	1.0000
3	7	5	26.469	25.908	-25.908	-.557	-2.6823	1.0000
3	7	5	34.107	33.205	-33.205	-.902	-2.9742	1.0000
3	7	5	29.567	29.044	-29.043	-.524	-1.7053	1.0000
3	7	5	30.930	31.405	-31.405	-.475	-1.6152	1.0000
3	7	5	2.105	0.745	-0.743	-.034	-0.3750	1.0000
3	7	5	1.140	2.308	-2.307	-.068	-1.5313	1.0000
3	7	5	6.455	5.837	-5.837	-.034	-0.8059	1.0000
3	7	5	1.115	1.505	-1.505	-.385	-0.4958	1.0000
3	7	5	7.974	7.492	-7.492	-.482	-3.6667	1.0000
3	7	5	15.122	13.349	-13.349	-.267	-1.8405	1.0000
3	7	5	11.691	11.420	-11.420	-.271	-2.9134	1.0000
3	7	5	2.309	2.502	-2.500	-.094	-0.2635	1.0000
3	7	5	34.164	33.705	-33.705	-.457	-1.6341	1.0000
3	7	5	6.155	5.923	-5.922	-.096	-1.6625	1.0000
3	7	5	25.799	20.200	-39.200	-.143	-2.0359	1.0000
3	7	5	7.982	7.833	-7.832	-.093	-0.345	1.0000
3	7	5	14.692	14.020	-14.018	-.264	-1.1130	1.0000
3	7	5	13.228	13.163	-13.162	-.065	-0.5299	1.0000
3	7	5	15.711	15.344	-15.344	-.073	-0.3671	1.0000
3	7	5	3.185	3.475	-3.474	-.037	-0.2881	1.0000
3	7	5	5.776	5.654	-5.654	-.124	-0.9181	1.0000
3	7	5	28.478	28.584	-28.579	-.070	-0.3940	1.0000
3	7	5	15.234	14.964	-14.961	-.292	-1.5853	1.0000

N	K	L	H (DBS)	FICALC)	ACALC)	B(CALF)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	-7	0	2.206	1.637	-1.097	.036	.369	1.2350	1.0000
4	-7	1	6.234	6.250	6.248	.092	-.016	-.1251	1.0000
4	-7	2	8.329	7.615	7.815	.181	.425	4.4354	1.0000
4	-7	3	11.314	11.391	-11.269	-.180	.022	.1637	1.0000
4	-7	4	14.272	13.952	-13.929	-.195	.621	2.4581	1.0000
4	-7	5	17.172	14.597	14.595	.222	.275	1.6721	1.0000
4	-7	6	2.770	6.088	6.088	.025	.275	-1.4607	1.0000
4	-7	7	14.606	14.543	14.543	.190	.000	.4476	1.0000
4	-7	8	11.292	11.062	-11.062	-.071	.216	1.7618	1.0000
4	-7	9	19.470	19.208	-19.192	-.208	.343	1.2291	1.0000
4	-7	10	3.722	5.479	5.479	.097	.097	-.4304	1.0000
4	-7	11	21.760	21.495	21.495	.245	.669	-2.4220	1.0000
4	-7	12	14.716	13.616	13.616	.588	1.768	9.7863	1.0000
4	-7	13	20.129	20.129	-20.129	-.196	.408	.4205	1.0000
4	-7	14	4.234	6.046	6.046	.006	.172	-.1292	1.0000
4	-7	15	12.527	13.296	12.296	.000	.225	1.5840	1.0000
4	-7	16	8.502	3.221	3.221	.000	.101	.4059	1.0000
4	-7	17	1.554	2.001	2.001	.000	.022	1.4145	1.0000
4	-7	18	4.050	3.191	3.191	.605	.025	4.5051	1.0000
4	-7	19	5.329	5.318	5.318	.112	-.250	-.2500	1.0000
4	-7	20	42.021	42.021	42.021	.476	-.022	-.0221	1.0000
4	-7	21	20.582	20.760	-20.760	-.015	.407	1.1100	1.0000
4	-7	22	3.805	3.943	-3.943	-.002	.137	-.7319	1.0000
4	-7	23	.922	4.020	4.020	.034	.648	1.3503	1.0000
4	-7	24	17.036	10.128	-12.127	-.124	.192	-1.0608	1.0000
4	-7	25	2.211	4.116	4.116	.058	.464	1.5712	1.0000
4	-7	26	4.141	4.154	-4.154	.007	-.097	-.0970	1.0000
4	-7	27	3.352	2.910	2.910	.028	.443	2.1366	1.0000
4	-7	28	28.013	28.417	-28.417	-.202	.494	2.3016	1.0000
4	-7	29	16.654	10.332	-16.330	-.036	.522	2.1289	1.0000
4	-7	30	11.242	10.122	-10.782	-.161	.510	4.0374	1.0000
4	-7	31	9.042	9.194	-9.192	-.149	.153	-1.1210	1.0000
4	-7	32	6.228	6.152	-6.152	.024	.477	1.4665	1.0000
4	-7	33	2.270	1.610	-1.610	.008	.461	.5291	1.0000
4	-7	34	5.129	4.560	4.050	.131	.467	3.6594	1.0000
4	-7	35	10.714	10.148	19.148	.094	-.434	-2.4532	1.0000
4	-7	36	120.492	130.742	-130.742	-.805	-.426	-20.1699	1.0000
4	-7	37	26.236	27.544	-27.544	-.130	.692	3.1366	1.0000
4	-7	38	10.695	10.324	16.324	.116	.371	1.4261	1.0000
4	-7	39	19.962	19.415	19.415	.096	.497	2.0523	1.0000
4	-7	40	3.576	3.924	3.924	.030	.434	1.6808	1.0000
4	-7	41	10.230	10.634	10.634	.106	.155	-1.2490	1.0000
4	-7	42	26.821	26.505	-26.303	-.397	.511	1.4908	1.0000
4	-7	43	5.605	5.286	5.286	-.008	.325	2.0316	1.0000
4	-7	44	23.173	22.774	22.774	.287	.400	1.9053	1.0000
4	-7	45	15.624	15.222	15.321	.116	.302	1.4692	1.0000
4	-7	46	10.931	10.944	-10.944	-.192	.023	-.1061	1.0000
4	-7	47	.902	.482	.475	.009	.420	.6522	1.0000
4	-7	48	10.460	10.737	-10.737	-.090	.276	-2.4555	1.0000
4	-7	49	2.048	2.645	3.045	.021	.797	1.6000	1.0000
4	-7	50	7.311	7.060	-7.060	-.063	.250	1.9538	1.0000
4	-7	51	1.429	1.810	-1.810	-.031	-.361	-.3610	1.0000
4	-7	52	35.567	36.066	36.066	.499	.606	6.6064	1.0000

H	K	L	F(0051)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	-3	1	6.052	6.056	6.055	.066	.796	5.6234	1.0000
4	-3	2	4.976	3.948	-3.947	-.071	.592	6.4032	1.0000
4	-3	3	23.276	22.976	22.975	.224	.266	1.0391	1.0000
4	-3	4	26.931	25.504	25.501	.429	.329	3.1659	1.0000
4	-3	5	24.731	24.568	-24.567	-.296	.142	6.6446	1.0000
4	-3	6	7.395	7.003	7.003	.151	.395	7.6636	1.0000
4	-2	0	8.082	7.405	7.403	.149	-.422	-2.9178	1.0000
4	-2	1	3.130	3.243	3.240	.067	-.111	-.5003	1.0000
4	-2	2	31.665	21.370	-21.367	-.336	.235	1.2121	1.0000
4	-2	3	4.934	2.262	3.229	.466	1.472	9.4298	1.0000
4	-2	4	27.865	27.115	27.113	.439	.681	3.6630	1.0000
4	-2	5	50.042	29.229	29.229	.142	.614	3.9899	1.0000
4	-2	6	13.219	13.044	-13.042	-.209	.614	1.6259	1.0000
4	-2	0	3.562	3.020	-3.020	-.002	.503	2.7497	1.0000
4	-2	1	12.695	11.746	-11.747	-.130	.566	6.1163	1.0000
4	-2	2	25.470	24.030	24.029	.191	.535	2.3045	1.0000
4	-2	3	11.631	11.934	11.933	.111	-.302	-2.2100	1.0000
4	-2	4	9.602	9.669	9.666	.016	-.607	-.8220	1.0000
4	-2	5	29.325	29.236	-29.235	-.005	-.013	-.0426	1.0000
4	-2	6	5.432	10.301	-10.250	-.675	-.465	-.6473	1.0000
4	-1	0	21.000	20.659	-20.657	-.242	.141	6.7132	1.0000
4	-1	1	4.939	4.873	4.872	.001	.046	.1122	1.0000
4	-1	2	3.738	3.797	-3.797	-.091	-.053	-.3365	1.0000
4	-1	3	.877	.714	.712	.021	.163	.2805	1.0000
4	-1	4	33.972	33.378	33.376	.214	.672	1.8926	1.0000
4	-1	5	37.161	36.762	-36.760	-.345	.377	2.0286	1.0000
4	-1	6	62.608	61.585	-61.584	-.630	.103	6.0516	1.0000
4	-1	0	7.740	7.232	-7.232	-.027	.404	8.4222	1.0000
4	-1	1	13.011	12.495	12.494	.129	.423	2.4937	1.0000
4	-1	2	36.495	35.899	-35.898	-.305	.572	2.4699	1.0000
4	-1	3	14.552	13.133	13.132	.169	.415	6.5852	1.0000
4	-1	4	19.145	19.064	-19.063	-.197	.091	4.3027	1.0000
4	-1	5	1.693	.604	.603	.010	1.090	2.5456	1.0000
4	-1	6	3.510	3.350	3.350	-.014	.760	4.182	1.0000
4	0	0	6.695	6.729	6.732	.119	-.058	-.4094	1.0000
4	0	1	30.574	36.572	-36.572	-.150	.009	-.0685	1.0000
4	0	2	5.465	5.636	-5.636	-.029	-.172	-1.2158	1.0000
4	0	3	20.972	20.103	-20.100	-.344	.665	4.7970	1.0000
4	0	4	6.924	7.166	7.166	.060	-.242	-2.0168	1.0000
4	0	5	15.601	14.848	14.847	.136	.156	4.5060	1.0000
4	0	6	10.277	9.707	9.707	.001	.422	3.0671	1.0000
4	0	0	5.694	5.114	-5.114	-.070	.582	4.1654	1.0000
4	0	1	19.270	19.517	19.516	.152	.225	1.1013	1.0000
4	0	2	.983	.769	.742	-.019	.714	4.3054	1.0000
4	0	3	4.560	4.090	4.097	.054	.462	3.0482	1.0000
4	0	4	33.744	34.956	34.953	.657	-.121	-4.9294	1.0000
4	0	5	2.249	1.454	-1.494	-.007	.795	2.4166	1.0000
4	0	6	11.077	10.664	-10.663	-.059	.613	5.0480	1.0000
4	0	0	3.054	3.284	3.226	.049	-.370	-.8329	1.0000
4	0	1	8.040	8.102	8.102	.106	-.063	-.5255	1.0000
4	0	2	23.777	23.719	-23.717	-.318	.058	-.2950	1.0000
4	0	3	2.609	.756	.756	-.006	1.853	9.0638	1.0000
4	0	4	31.646	31.451	31.646	.454	.395	1.7646	1.0000

H	K	L	F(IGURE)	F(CALC)	A(CALC)	B(CALC)	P(ART F)	D(ELTA/SIGMA)	EXT. FACTOR
4	1	-2	46.917	46.779	46.777	.438	.135	.6705	1.0000
4	1	-1	3.792	9.688	-9.687	-.112	.104	.7045	1.0000
4	1	0	2.484	2.247	-2.247	.002	.417	1.6640	1.0000
4	1	1	4.437	26.616	-26.615	-.205	.121	3.2362	1.0000
4	1	2	2.405	23.162	23.161	.274	-.196	-.6090	1.0000
4	1	3	2.045	.826	.227	-.012	1.418	5.9082	1.0000
4	1	4	20.250	20.478	20.479	.206	-.222	-.12989	1.0000
4	1	5	0.107	5.375	-5.359	-.075	-.191	-.6261	1.0000
4	1	6	23.864	21.267	-21.267	-.445	-.423	-2.0628	1.0000
4	1	7	7.756	7.626	-7.623	-.186	-.120	.9723	1.0000
4	1	8	10.300	12.310	12.310	.172	-.058	-.3651	1.0000
4	1	9	2.984	3.660	3.667	.090	-.058	1.6006	1.0000
4	1	0	4.273	3.081	-2.901	-.072	.212	2.1059	1.0000
4	1	1	2.551	1.960	1.960	.002	.091	4.2815	1.0000
4	1	2	14.260	24.012	24.041	.185	.258	1.1252	1.0000
4	1	3	20.467	32.027	-32.027	-.256	.446	2.0162	1.0000
4	1	4	5.000	5.493	5.493	-.075	.491	3.0109	1.0000
4	1	5	16.925	17.167	17.167	.202	.254	-1.5729	1.0000
4	1	6	3.933	3.681	3.655	-.295	-.356	-1.7293	1.0000
4	1	7	15.498	19.521	-19.520	-.156	.022	-.6158	1.0000
4	1	8	20.205	20.485	-20.485	-.167	-.252	-1.4417	1.0000
4	1	9	12.179	12.792	12.791	.162	-.012	-.61026	1.0000
4	1	0	4.909	4.710	4.777	.077	.195	1.0918	1.0000
4	1	1	2.810	2.985	2.924	.075	-.215	-.6124	1.0000
4	1	2	12.545	12.497	-12.497	-.091	.660	1.587	1.0000
4	1	3	33.876	33.061	-33.061	-.664	.462	1.8724	1.0000
4	1	4	23.164	23.164	-23.163	-.136	-.012	-2.4775	1.0000
4	1	5	7.848	7.800	-7.800	.038	-.152	-.5240	1.0000
4	1	6	21.723	32.453	32.453	.359	-.262	-1.0359	1.0000
4	1	7	24.429	24.465	-24.465	-.150	-.411	-1.6281	1.0000
4	1	8	11.149	11.567	11.562	.059	-.215	-1.6761	1.0000
4	1	9	9.633	9.399	-9.399	-.183	.250	2.2726	1.0000
4	1	0	16.409	16.627	-16.625	-.224	-.215	-1.6262	1.0000
4	1	1	27.898	27.926	27.926	.419	-.076	-.3292	1.0000
4	1	2	11.206	11.669	11.661	.410	-.463	-3.6422	1.0000
4	1	3	2.933	3.290	3.230	.012	-.295	-1.0912	1.0000
4	1	4	2.040	2.603	2.603	.012	-.053	-2.3490	1.0000
4	1	5	20.223	20.103	-20.103	-.291	.060	.6298	1.0000
4	1	6	13.059	13.079	13.077	.167	-.020	-.1475	1.0000
4	1	7	41.899	42.632	42.630	.376	-.593	-2.1343	1.0000
4	1	8	13.205	13.633	13.633	.065	-.426	-3.0067	1.0000
4	1	9	50.294	56.239	56.239	.094	-.545	-2.2130	1.0000
4	1	0	19.490	20.356	20.356	.105	-.666	-4.3617	1.0000
4	1	1	13.022	14.116	14.114	.319	-.235	-1.6976	1.0000
4	1	2	1.069	.929	.927	-.056	.600	.6104	1.0000
4	1	3	1.061	1.264	1.203	.031	-.122	-.1506	1.0000
4	1	4	1.844	.895	.071	.063	1.045	1.2639	1.0000
4	1	5	9.506	9.472	9.472	.107	-.164	-1.2594	1.0000
4	1	6	15.935	13.503	13.502	.302	.090	.6195	1.0000
4	1	7	12.703	12.622	12.620	.187	.681	6.292	1.0000
4	1	8	26.359	26.337	-26.337	-.367	.609	.0322	1.0000
4	1	9	15.406	15.353	15.352	.164	.059	.3505	1.0000
4	1	0	5.051	5.496	-5.497	-.162	.352	2.5859	1.0000

H	K	L	F(ONS)	F(CALC)	A(CALC)	D(CALC)	DELTA F	DELTA SIGMA	EXT. FACTOR
5	-7	-2	10.659	10.724	-10.722	-.210	-.665	-.5251	1.0000
5	-7	-1	12.072	12.731	12.730	.203	.141	1.0910	1.0000
5	-7	0	10.979	16.601	16.599	.253	-.022	-.1289	1.0000
5	-7	1	15.275	15.014	-15.011	-.299	-.201	1.2982	1.0000
5	-7	2	52.118	51.003	-51.003	-.127	.315	1.0704	1.0000
5	-7	3	5.704	5.386	-.318	-.055	.117	.7169	1.0000
5	-7	4	1.422	1.259	-.163	-.025	.162	.36371	1.0000
5	-7	5	3.012	2.581	-.431	-.025	.490	1.4654	1.0000
5	-7	6	10.665	16.105	-16.105	-.106	.555	2.5870	1.0000
5	-7	7	10.745	11.482	-11.484	-.571	-.422	-0.2670	1.0000
5	-7	8	17.949	16.797	-16.796	-.190	.560	3.2259	1.0000
5	-7	9	5.022	9.695	-9.695	-.084	-.342	-.3662	1.0000
5	-7	10	17.821	16.725	-16.725	-.199	-.285	-1.4293	1.0000
5	-7	11	6.228	1.867	-1.867	.085	-.522	-.4962	1.0000
5	-7	12	10.821	9.857	-9.856	.112	.501	3.2409	1.0000
5	-7	13	18.097	24.925	-24.925	-.857	.672	5.672	1.0000
5	-7	14	12.255	15.254	-15.251	-.207	-.208	-.2837	1.0000
5	-7	15	4.451	5.042	-5.057	-.292	-.601	-.4670	1.0000
5	-7	16	3.650	2.909	-2.905	-.157	.942	5.6250	1.0000
5	-7	17	3.631	5.409	-5.405	-.937	.822	4.5162	1.0000
5	-7	18	1.818	1.279	-1.279	.022	.595	1.0707	1.0000
5	-7	19	16.265	16.077	-16.077	.168	.186	1.2212	1.0000
5	-7	20	9.931	1.250	-1.250	-.090	-.321	-.4929	1.0000
5	-7	21	9.792	10.112	-10.111	-.112	-.320	-.5604	1.0000
5	-7	22	11.419	11.898	11.895	-.080	-.441	-3.2052	1.0000
5	-7	23	31.541	39.615	-39.615	-.870	-.641	-6.4214	1.0000
5	-7	24	34.247	33.721	-33.719	-.395	-.576	2.5294	1.0000
5	-7	25	21.823	21.012	-21.011	.197	.221	1.1413	1.0000
5	-7	26	37.895	34.723	-34.721	-.420	.195	6.072	1.0000
5	-7	27	12.545	11.865	-11.865	.188	.072	.5913	1.0000
5	-7	28	4.818	4.787	-.031	-.100	.371	-1.6812	1.0000
5	-7	29	7.510	7.180	-7.179	-.091	.380	1.1705	1.0000
5	-7	30	55.573	55.246	-55.246	.607	.324	1.0605	1.0000
5	-7	31	10.919	10.939	10.939	.009	-.021	-.1859	1.0000
5	-7	32	10.116	10.166	-10.165	-.099	-.040	-.4147	1.0000
5	-7	33	9.245	9.400	-9.400	-.041	-.095	-.4071	1.0000
5	-7	34	2.000	.402	-.402	.030	.3597	4.8250	1.0000
5	-7	35	17.661	17.686	-17.685	-.167	-.025	-.1833	1.0000
5	-7	36	30.506	31.120	-31.118	-.379	-.314	-.1330	1.0000
5	-7	37	2.921	3.961	-3.961	-.979	-.040	-.4071	1.0000
5	-7	38	42.163	42.264	-42.263	-.267	-.181	-.3100	1.0000
5	-7	39	10.597	10.028	-10.026	-.325	.525	4.7011	1.0000
5	-7	40	46.766	40.885	-40.885	-.347	.581	3.4925	1.0000
5	-7	41	9.325	3.071	-3.067	.161	.254	1.9460	1.0000
5	-7	42	1.087	1.425	-1.425	-.019	-.322	-.4150	1.0000
5	-7	43	1.023	.526	-.526	-.016	.498	1.8006	1.0000
5	-7	44	2.425	2.898	-2.898	-.425	-.473	-3.7223	1.0000
5	-7	45	20.748	20.716	-20.714	-.025	-.473	-.7723	1.0000
5	-7	46	15.225	15.630	-15.630	.013	-.405	-.26133	1.0000
5	-7	47	1.996	.902	-.901	.025	.405	3.5330	1.0000
5	-7	48	22.649	22.702	-22.700	-.289	-.053	-.2268	1.0000
5	-7	49	35.640	36.816	-36.813	-.657	.824	3.7315	1.0000
5	-7	50	33.136	33.245	-33.243	-.395	-.109	-.6683	1.0000

Y	R	L	F(DORS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	-3	2	11.427	10.638	-10.832	-.124	.594	4.6436	1.0000
5	-3	3	7.688	7.369	7.368	.079	.920	2.6393	1.0000
5	-3	4	1.011 *	1.000	-1.000	.100	.611	.0150	1.0000
5	-3	5	7.089	7.168	-7.162	-.074	-.074	-.5030	1.0000
5	-2	7	15.848	15.848	-15.843	-.002	-.015	-.0094	1.0000
5	-2	6	10.044	10.235	-10.235	-.005	-.005	-2.4482	1.0000
5	-2	5	10.429	10.142	10.141	.143	.291	2.7461	1.0000
5	-2	4	4.874	4.098	4.099	.041	.766	5.9426	1.0000
5	-2	3	15.892	15.118	15.112	.187	.775	1.0000	1.0000
5	-2	2	27.798	27.609	-27.609	-.002	.116	5.7454	1.0000
5	-2	1	13.021	13.178	-13.171	-.159	.116	4.4821	1.0000
5	-1	0	13.021	13.021	-10.942	-.059	.675	-.9736	1.0000
5	-1	1	41.540	41.456	41.456	.012	.675	.5208	1.0000
5	-1	2	7.022	6.724	6.705	.450	.112	-.8668	1.0000
5	-1	3	27.256	26.887	-26.885	-.002	.676	9.4368	1.0000
5	-1	4	13.325	13.895	13.899	.006	.605	1.4314	1.0000
5	-1	5	3.065	4.868	4.635	.639	-.274	-1.8558	1.0000
5	-1	6	11.995	12.463	-12.463	-.146	.397	2.1070	1.0000
5	-1	7	16.524	16.212	16.210	.298	.332	-3.6722	1.0000
5	-1	8	35.645	35.645	30.871	.556	.242	2.1936	1.0000
5	-1	9	2.645	2.171	2.171	-.015	-.027	-.6074	1.0000
5	-1	10	.929	.709	.707	-.008	.774	2.1352	1.0000
5	-1	11	41.921	41.372	41.170	.290	.216	.3270	1.0000
5	-1	12	39.401	39.649	-29.643	-.203	.214	.5930	1.0000
5	-1	13	8.522	10.505	10.500	.162	.154	.7094	1.0000
5	-1	14	1.518	.490	-.495	.603	.222	-.3473	1.0000
5	-1	15	10.451	10.536	-10.535	-.038	.023	2.7813	1.0000
5	-1	16	6.148	6.518	-6.437	-.342	-.041	-.7722	1.0000
5	-1	17	2.152	3.659	-1.645	-.060	.213	2.4107	1.0000
5	-1	18	10.220	10.220	10.400	.476	.213	.0000	1.0000
5	-1	19	2.346	2.346	-2.359	-.009	-.386	-1.4493	1.0000
5	-1	20	5.049	5.754	-5.753	-.009	.092	-.0371	1.0000
5	-1	21	11.666	11.505	-11.584	-.014	.651	.0505	1.0000
5	-1	22	3.042	1.699	1.689	.050	1.352	7.1786	1.0000
5	-1	23	5.085	5.206	-5.206	-.060	.676	5.6004	1.0000
5	-1	24	.950 *	1.107	1.074	.398	.157	1.0000	1.0000
5	-1	25	7.770	7.605	-7.605	-.072	.165	-.2315	1.0000
5	-1	26	130.090	150.223	-130.223	-.072	.165	1.3104	1.0000
5	-1	27	4.622	4.525	4.525	.016	-.101	-.4194	1.0000
5	-1	28	25.046	25.263	25.262	.217	-.846	-.8466	1.0000
5	-1	29	9.023	9.040	9.040	.006	-.006	-.8480	1.0000
5	-1	30	2.621	2.246	-2.246	-.006	.676	-.2405	1.0000
5	-1	31	5.248	5.062	5.062	.018	.473	.0620	1.0000
5	-1	32	9.855	9.502	-9.502	-.064	.361	1.0000	1.0000
5	-1	33	21.771	21.641	-21.636	-.006	.273	2.1860	1.0000
5	-1	34	12.554	12.554	12.555	.001	-.005	-.3679	1.0000
5	-1	35	3.570	3.767	-3.767	-.004	-.002	-.0012	1.0000
5	-1	36	14.603	13.318	13.317	.180	.802	7.2491	1.0000
5	-1	37	17.442	17.081	-17.080	-.165	.146	6.2997	1.0000
5	-1	38	.956 *	.799	.799	.006	.158	1.6391	1.0000
5	-1	39	21.005	21.612	-21.612	-.170	.527	-.2977	1.0000
5	-1	40	5.178	5.005	5.005	.078	.213	.7662	1.0000
5	-1	41	35.392	35.588	35.585	.454	-.196	-.7607	1.0000

H	K	L	F(CALC)	F(CALC)	ACC(CALC)	DIFF(CALC)	DELTA F	DELTA/SIGMA	EXT FACTOR
5	1	3	11.846	10.353	1.493	.061	-.512	-.2.9651	1.0000
5	1	2	5.263	5.544	-.281	-.120	-.001	-.5007	1.0000
5	1	1	12.179	12.265	-.086	.171	-.005	-.1957	1.0000
5	2	2	1.687	.757	.930	.045	-.005	-.4248	1.0000
5	2	1	10.283	10.108	.175	-.110	.177	1.4866	1.0000
5	2	0	18.526	18.566	-.040	.284	.142	.8470	1.0000
5	2	1	7.356	5.069	2.287	.029	-.234	-.2.4532	1.0000
5	2	2	20.396	20.256	.140	-.225	.102	.5354	1.0000
5	2	3	1.114	2.516	-.140	.475	.474	1.5257	1.0000
5	2	4	11.829	23.431	-.116	.236	-.022	-.4.0951	1.0000
5	2	5	13.044	26.668	-.136	.092	-.023	-.2.2635	1.0000
5	2	6	19.121	12.430	6.691	.194	.171	1.8642	1.0000
5	2	7	2.728	3.214	-.486	.016	-.512	-.2.4766	1.0000
5	2	8	.5952	.402	.193	-.062	.401	1.0157	1.0000
5	2	9	17.127	17.296	-.169	.158	-.169	-.1.0926	1.0000
5	2	0	5.824	3.396	2.428	.018	.322	1.2865	1.0000
5	2	1	1.897	.166	1.731	.003	.322	4.6756	1.0000
5	2	2	24.817	24.073	.744	-.249	-.015	-.4.2038	1.0000
5	2	3	14.567	14.956	-.389	.176	-.010	-.4.723	1.0000
5	2	4	7.595	7.361	.234	-.082	.234	2.0792	1.0000
5	2	5	10.243	9.738	.505	.167	.502	4.4850	1.0000
5	2	6	17.854	17.709	.145	.239	-.174	-.1.1343	1.0000
5	2	7	26.206	26.026	.180	-.447	.272	1.0799	1.0000
5	2	8	25.100	25.506	-.406	-.452	.176	1.6967	1.0000
5	2	9	8.244	8.425	-.181	.061	.320	1.5265	1.0000
5	3	3	7.310	7.568	-.258	.129	-.258	-.1.8010	1.0000
5	3	4	2.227	1.922	.305	-.164	.410	1.202	1.0000
5	3	5	71.641	21.626	50.015	-.975	.612	4.6111	1.0000
5	3	6	2.021	2.052	-.031	.039	.312	1.3228	1.0000
5	3	7	21.019	21.422	-.403	.121	.297	1.4014	1.0000
5	3	8	10.137	10.198	-.061	.002	-.061	-.3.556	1.0000
5	3	9	9.635	9.305	.330	-.265	.375	3.2422	1.0000
5	3	0	5.120	3.047	2.073	.091	2.061	14.2524	1.0000
5	3	1	2.833	3.688	-.855	.609	.145	1.7345	1.0000
5	3	2	1.492	1.029	.463	-.027	1.4935	1.0000	* **
5	3	3	3.634	4.061	-.427	-.010	-.427	-.1.8601	1.0000
5	3	4	17.020	17.111	-.091	.220	-.091	-.5.728	1.0000
5	3	5	5.449	6.214	-.765	-.203	-.721	-.5.7245	1.0000
5	3	6	4.389	4.482	-.093	.607	-.043	-.2.008	1.0000
5	3	7	1.596	.133	1.463	.021	1.423	2.5527	1.0000
5	3	8	19.920	19.571	.349	-.270	.357	1.5706	1.0000
5	3	9	9.995	9.822	.173	.096	.173	1.1528	1.0000
5	3	0	28.635	28.077	.558	.457	-.247	-.1.6423	1.0000
5	3	1	22.528	22.614	-.086	.302	-.286	-.1.3350	1.0000
5	3	2	9.049	8.925	.124	.132	.124	1.1404	1.0000
5	3	3	9.912	9.674	.238	-.076	.238	1.9416	1.0000
5	3	4	12.730	12.772	-.042	-.102	-.043	-.3.3223	1.0000
5	3	5	15.574	15.472	.102	.185	-.099	-.4.0513	1.0000
5	3	6	2.768	2.797	-.029	.035	-.099	-.4.0947	1.0000
5	3	7	4.194	3.588	.606	.003	.606	2.49733	1.0000
5	3	8	9.570	9.783	-.213	.112	-.213	-.1.7567	1.0000
5	3	9	14.047	13.808	.239	.124	.239	1.7164	1.0000
5	3	0	26.077	25.770	.307	-.431	.307	1.3072	1.0000

H	K	I	F(005)	F(CALC)	A(CALC)	B(CALC)	DELTA P	DELTA/SIGMA	EXT.	FACTOR
5	6	5	3.404	2.925	2.924	-.060	.475	1.4606	1.0000	
5	7	-3	2.567	1.792	-1.790	-.078	.775	2.1592	1.0000	
5	7	-2	15.326	19.375	-19.371	-.362	-.065	-.2694	1.0000	
5	7	-2	11.372	11.372	-11.371	-.158	.264	2.2095	1.0000	
5	7	0	1.158	1.158	1.763	.119	-.611	-.7403	1.0000	
5	7	1	7.605	7.605	7.925	.208	-.322	-.2664	1.0000	
6	-10	-2	10.928	11.017	11.034	.231	-.191	-1.4609	1.0000	
6	-10	-1	2.010	.632	-.621	-.119	1.377	2.4229	1.0000	
6	-10	0	7.191	.354	-.140	-.637	1.007	1.2241	1.0000	
6	-10	1	33.463	14.693	-14.031	-.248	-.431	-3.2117	1.0000	
6	-9	-4	7.446	7.130	-7.528	-.059	.209	1.3226	1.0000	
6	-9	-3	14.793	14.570	14.536	.230	.222	1.3430	1.0000	
6	-9	-2	1.637	1.502	1.450	-.047	.134	.2913	1.0000	
6	-9	-1	37.392	37.132	-37.129	-.493	-.540	-1.4744	1.0000	
6	-9	0	16.345	16.276	-16.273	-.142	.165	.014	1.0000	
6	-9	1	5.281	5.070	5.807	.165	.014	.6725	1.0000	
6	-9	2	23.525	25.447	-23.465	-.307	.058	1.2561	1.0000	
6	-8	-1	20.240	19.236	-19.236	-.069	.554	3.1278	1.0000	
6	-8	-3	2.860	2.441	2.441	.061	.415	1.3971	1.0000	
6	-8	-2	4.735	4.084	4.603	.061	.671	3.4935	1.0000	
6	-8	-1	12.822	12.754	12.752	.195	.465	.5165	1.0000	
6	-8	0	3.260	2.764	-2.764	-.058	.916	2.0753	1.0000	
6	-8	1	11.491	11.722	11.721	.140	-.826	-1.4772	1.0000	
6	-8	2	2.007	.804	-.550	-.189	1.132	2.3273	1.0000	
6	-8	3	3.547	3.200	-3.200	-.124	.226	.3941	1.0000	
6	-7	5	8.018	8.201	-6.200	-.163	-.268	-.3941	1.0000	
6	-7	-1	9.976	10.098	-10.098	-.234	-.117	-1.9240	1.0000	
6	-7	-2	6.144	6.472	6.921	.366	.434	.5712	1.0000	
6	-7	-3	29.993	29.700	29.700	.446	-.911	-.7439	1.0000	
6	-7	-4	3.318	3.244	-3.244	.001	-.240	-.8332	1.0000	
6	-7	0	4.117	4.234	4.233	.009	-.317	-.4932	1.0000	
6	-7	1	11.018	10.953	-10.951	-.235	.665	1.5271	1.0000	
6	-7	2	10.443	10.577	10.576	.120	-.234	-1.3726	1.0000	
6	-7	3	4.808	5.140	-5.140	-.037	-.531	-1.6605	1.0000	
6	-7	4	15.193	15.233	15.232	.1374	-.2613	-.2613	1.0000	
6	-6	-6	7.360	7.321	7.320	.108	.637	.2504	1.0000	
6	-6	-5	11.309	10.969	10.968	.131	.320	2.0101	1.0000	
6	-6	-4	1.861	1.909	-1.909	-.005	-.126	-.2226	1.0000	
6	-6	-3	13.673	13.624	-13.623	-.160	.048	.3795	1.0000	
6	-6	-2	23.121	23.254	23.253	.214	-.038	-.4595	1.0000	
6	-6	-1	17.665	17.901	-17.899	-.037	-.554	-1.2172	1.0000	
6	-6	0	4.836	3.983	-3.976	-.199	.554	3.3232	1.0000	
6	-6	1	9.345	9.077	9.073	.265	.268	2.1243	1.0000	
6	-6	2	5.250	4.544	4.536	-.265	.670	4.5254	1.0000	
6	-6	3	7.459	7.426	-7.421	-.273	.032	.2425	1.0000	
6	-6	4	18.624	18.626	-18.635	-.191	-.012	-.0617	1.0000	
6	-6	5	11.687	11.681	11.680	.155	.076	.6274	1.0000	
6	-5	-5	31.465	31.167	-31.165	-.398	.298	3.4666	1.0000	
6	-5	-4	31.729	30.970	-30.939	-.331	.789	2.6889	1.0000	
6	-5	-3	22.365	21.429	-21.428	-.181	.936	4.0134	1.0000	
6	-5	-2	43.494	44.664	44.662	.610	-.970	-3.8005	1.0000	
6	-5	-1	6.796	6.789	-6.788	-.112	.007	.0595	1.0000	

H	R	L	F(0°N)	F(45°E)	F(90°E)	F(135°E)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	-	1	6.497	6.401	6.500	.119	-.004	-.0297	1.0000
0	-	2	2.365	2.091	2.090	-.074	.274	.8902	1.0000
0	-	3	21.674	21.709	-21.705	-.917	-.034	-.1554	1.0000
0	-	4	12.646	12.727	12.727	.151	-.071	-.4831	1.0000
0	-	5	4.361	3.919	-2.918	.422	2.6175	1.0000	1.0000
0	-	6	13.467	15.237	13.237	.177	.250	2.0400	1.0000
0	-	7	16.517	13.979	-13.976	.298	.536	3.5764	1.0000
0	-	8	1.336	2.112	2.112	.014	-.782	-1.5954	1.0000
0	-	9	40.097	40.153	40.153	.573	-.144	-.5731	1.0000
0	-	10	1.470	.530	.530	.108	.920	2.1175	1.0000
0	-	11	13.544	55.430	55.430	.136	-.151	-.0013	1.0000
0	-	12	3.311	3.681	3.681	.069	-.258	-1.3268	1.0000
0	-	13	6.214	7.047	7.047	.201	.571	3.4206	1.0000
0	-	14	8.153	0.442	-0.442	.003	-.285	-2.3801	1.0000
0	-	15	2.157	2.756	-2.756	-.009	-.499	-1.5323	1.0000
0	-	16	8.486	2.647	-2.647	.001	.039	2.0246	1.0000
0	-	17	19.194	16.645	-16.645	-.007	.891	3.4084	1.0000
0	-	18	2.103	1.781	1.781	.020	.121	.0539	1.0000
0	-	19	13.566	12.099	11.096	.270	-.025	-.14657	1.0000
0	-	20	32.128	31.224	31.224	.694	-.014	2.3361	1.0000
0	-	21	11.667	21.018	-21.018	.084	.664	3.4428	1.0000
0	-	22	5.189	9.216	9.216	.000	.027	-.027	1.0000
0	-	23	10.401	20.579	-10.579	-.094	.027	-.2631	1.0000
0	-	24	3.295	2.150	-2.150	.128	-.172	-1.3198	1.0000
0	-	25	1.456	36.441	36.441	.232	1.145	0.5297	1.0000
0	-	26	1.542	13.344	13.344	.141	-.084	-2.5437	1.0000
0	-	27	31.047	31.718	-31.718	-.347	-.411	-.07904	1.0000
0	-	28	70.922	27.869	-27.869	-.011	.118	-.23309	1.0000
0	-	29	4.947	5.020	-7.020	-.011	.118	-.0713	1.0000
0	-	30	3.350	8.189	8.189	.035	-.035	-.035	1.0000
0	-	31	1.715	15.120	15.120	.140	.094	-.0006	1.0000
0	-	32	9.626	9.358	9.358	.147	.029	1.3046	1.0000
0	-	33	2.034	2.363	-2.363	.040	1.671	1.0260	1.0000
0	-	34	30.245	29.511	-29.509	-.836	.737	1.4932	1.0000
0	-	35	4.496	3.212	-3.177	.471	1.224	2.6602	1.0000
0	-	36	24.697	24.468	24.468	.289	.230	.9153	1.0000
0	-	37	23.092	23.607	-23.607	-.046	.071	-.0164	1.0000
0	-	38	10.328	10.310	-10.317	.000	.010	-.0040	1.0000
0	-	39	2.727	2.894	-2.903	-.000	-.040	-.44479	1.0000
0	-	40	1.466	2.259	-2.259	-.024	.173	-1.5827	1.0000
0	-	41	24.148	24.277	-24.275	-.010	-.125	-.5057	1.0000
0	-	42	16.821	17.544	17.544	.305	-.723	-4.2933	1.0000
0	-	43	4.572	3.280	-3.270	.041	1.292	0.2601	1.0000
0	-	44	24.667	24.441	-24.438	-.319	.224	-.9728	1.0000
0	-	45	21.761	21.570	21.570	.171	.191	.6876	1.0000
0	-	46	4.797	4.761	-4.761	-.065	.036	.2421	1.0000
0	-	47	.907	.489	.489	.012	.415	6.455	1.0000
0	-	48	12.526	12.295	12.295	.095	.231	1.5931	1.0000
0	-	49	6.357	5.403	5.406	.092	.956	7.47497	1.0000
0	-	50	2.102	1.409	1.408	-.046	.693	2.2020	1.0000
0	-	51	2.491	1.089	1.408	-.006	.606	2.3529	1.0000
0	-	52	24.267	24.168	24.166	.523	.099	.5035	1.0000
0	-	53	20.849	21.052	21.052	.234	-.204	-1.1503	1.0000

H	K	L	F(005)	F(CALC)	A(CALC)	D(CALC)	DELTA F	DELTA/SIGMA	INT. FACTOR
6	-1	4	7.099	7.040	7.040	.035	-.154	-1.1142	1.0000
6	-1	5	12.028	12.051	-13.447	-.817	-.483	-3.0336	1.0000
6	0	-7	3.033	1.163	-1.163	-.011	.408	2.1272	1.0000
6	0	-8	3.037	3.042	-3.659	-.147	.116	.5320	1.0000
6	0	-9	4.066	5.180	5.180	.070	-.974	-1.6059	1.0000
6	0	-4	62.029	62.456	62.456	.408	.833	1.2403	1.0000
6	0	-2	6.007	3.768	-3.768	-.039	.239	1.04710	1.0000
6	0	2	21.706	21.198	-25.191	-.122	-.473	-1.4044	1.0000
6	0	1	9.343	9.692	9.692	.071	-.272	-1.0423	1.0000
6	0	0	7.708	1.231	1.231	.017	-.177	-.381	1.0000
6	0	0	7.133	6.173	-6.173	-.058	.192	3.4394	1.0000
6	0	1	24.031	27.070	27.070	.423	-.108	-.3062	1.0000
6	0	2	13.626	13.655	-13.655	-.129	-.927	-2.3221	1.0000
6	0	3	27.208	28.372	28.372	.340	-.163	-4.4742	1.0000
6	0	4	11.027	12.592	-12.592	-.274	-.428	-5.2020	1.0000
6	0	5	6.080	6.132	6.132	.098	-.118	-.7090	1.0000
6	0	-1	1.195	3.492	-1.422	-.007	-.268	-.4462	1.0000
6	0	-2	6.094	6.011	6.011	.054	.222	3.0365	1.0000
6	0	-3	3.270	3.798	-3.798	-.091	-.446	-2.2346	1.0000
6	0	-2	21.105	26.175	26.175	.039	.224	4.476	1.0000
6	0	-1	4.928	4.851	-4.851	-.024	-.003	-.0190	1.0000
6	0	0	.943	.807	-.807	-.069	.458	5.458	1.0000
6	1	1	7.125	20.705	-20.705	-.785	-.247	2.7495	1.0000
6	1	2	13.041	13.208	-13.208	-.744	-.161	-1.2057	1.0000
6	1	3	29.024	26.273	26.273	.129	-.401	-2.0982	1.0000
6	1	4	10.150	15.017	-15.017	-.567	-.3715	-3.7159	1.0000
6	1	5	7.283	2.143	-2.143	-.420	-.786	-2.3443	1.0000
6	1	1	1.715	16.006	-16.006	-.450	.854	5.1174	1.0000
6	1	2	17.743	17.447	-17.447	-.030	.293	2.0272	1.0000
6	1	3	10.227	13.078	13.078	.178	-.351	-2.9106	1.0000
6	1	4	2.369	2.105	-2.105	.005	.9287	4.287	1.0000
6	1	5	6.404	6.210	6.210	.111	.694	7.369	1.0000
6	1	0	25.479	25.816	-25.816	-.251	.162	5.917	1.0000
6	1	1	3.735	3.530	-3.530	-.056	.205	5.929	1.0000
6	1	2	5.796	6.266	-6.266	-.041	-.652	-2.9757	1.0000
6	1	3	21.243	31.078	31.078	.060	-.634	-2.0258	1.0000
6	1	4	1.620	3.954	3.954	.431	-.254	-3.895	1.0000
6	1	5	5.907	9.654	-9.654	-.115	.113	.658	1.0000
6	1	0	9.296	9.252	-9.252	-.047	-.047	-.5677	1.0000
6	1	1	25.165	24.571	24.571	.364	1.194	5.0930	1.0000
6	1	2	29.930	20.902	20.902	.373	1.020	3.5204	1.0000
6	1	3	7.029	7.093	-7.093	-.095	.754	6.5689	1.0000
6	1	4	1.933	2.781	2.781	-.076	-.844	-2.1910	1.0000
6	1	5	22.483	22.530	22.530	.057	-.037	-.1760	1.0000
6	1	0	9.571	16.019	-16.019	-.169	-.076	-.2721	1.0000
6	1	1	15.976	16.019	16.019	.250	-.742	-4.2732	1.0000
6	1	2	1.122	2.471	2.471	.605	-.136	-1.6631	1.0000
6	1	3	3.672	4.154	-4.154	-.016	-.282	-1.0814	1.0000
6	1	4	3.557	3.632	-3.632	-.097	.625	1.3876	1.0000
6	1	5	4.242	4.388	-4.388	-.031	-.346	-.7094	1.0000
6	1	0	3.997	4.230	-4.230	-.034	-.234	-1.1346	1.0000
6	1	1	1.597	.942	.942	.045	.655	1.3934	1.0000
6	1	2	11.024	11.048	-11.047	-.145	-.324	-2.3074	1.0000

H	B	L	F1(95)	F(CALC)	M(CALC)	GT(FAC)	DELTA F	DELTA/SIGMA	EXT.	FACTOR
4	4	0	2.407	2.703	2.695	.271	.204	.7258	1.0000	
6	4	1	14.242	14.214	-14.213	-.010	.669	.4665	1.0000	
6	4	2	54.347	53.298	-53.298	-.046	.745	2.4707	1.0000	
6	4	3	11.672	11.752	11.752	.080	-.000	-.8427	1.0000	
6	4	4	16.479	16.293	-16.293	-.186	1.1121	1.1121	1.0000	
6	4	5	9.577	9.479	9.479	.098	.7459	1.7087	1.0000	
6	4	6	2.582	2.296	2.296	.286	1.7087	1.7087	1.0000	
6	4	7	11.917	17.582	17.582	.665	2.4204	2.4204	1.0000	
6	4	8	2.831	2.212	-1.750	-.481	.332	3.9309	1.0000	
6	4	9	14.544	14.205	-14.205	-.339	.704	7.3004	1.0000	
6	4	10	15.001	19.217	19.217	.416	1.0000	2.0000	1.0000	
6	4	11	9.430	6.927	-6.927	-.257	.850	1.0000	1.0000	
6	4	12	1.677	7.679	7.679	.602	1.0000	2.7913	1.0000	
6	4	13	3.545	4.327	4.327	.782	1.0000	1.0000	1.0000	
6	4	14	12.049	11.805	-11.805	-.204	.704	1.0000	1.0000	
6	4	15	1.011	2.706	2.706	.705	1.0000	3.1101	1.0000	
7	7	1	27.522	27.771	27.771	.249	1.4145	1.5065	1.0000	
7	7	2	17.020	13.497	-13.497	-.376	1.4445	1.0000	1.0000	
7	7	3	4.822	4.406	-4.406	-.416	1.0000	1.0000	1.0000	
7	7	4	2.044	2.390	2.390	.346	1.9747	1.0000	1.0000	
7	7	5	4.461	4.730	4.730	.269	1.7076	1.0000	1.0000	
7	7	6	7.601	7.151	-7.151	-.550	1.1325	1.0000	1.0000	
7	7	7	1.270	2.106	2.106	.836	1.0000	1.0000	1.0000	
7	7	8	18.175	18.015	-18.015	-.160	1.0000	1.0000	1.0000	
7	7	9	16.656	50.348	50.348	.392	1.737	1.0000	1.0000	
7	7	10	24.800	25.064	25.064	.264	1.0000	1.0000	1.0000	
7	7	11	8.442	1.274	-1.274	-.964	1.0000	1.0000	1.0000	
7	7	12	5.446	5.924	5.924	.478	1.0000	1.0000	1.0000	
7	7	13	1.905	2.104	2.104	.199	1.0000	1.0000	1.0000	
7	7	14	10.297	10.839	10.839	.542	1.0000	1.0000	1.0000	
7	7	15	5.657	5.415	-5.415	-.242	1.0000	1.0000	1.0000	
7	7	16	13.797	14.262	14.262	.465	1.0000	1.0000	1.0000	
7	7	17	1.270	1.062	-1.062	-.208	1.0000	1.0000	1.0000	
7	7	18	16.589	16.161	-16.161	-.428	1.0000	1.0000	1.0000	
7	7	19	10.393	10.937	10.937	.544	1.0000	1.0000	1.0000	
7	7	20	10.808	10.892	10.892	.084	1.0000	1.0000	1.0000	
7	7	21	2.177	3.115	3.115	.938	1.0000	1.0000	1.0000	
7	7	22	11.534	11.735	11.735	.201	1.0000	1.0000	1.0000	
7	7	23	1.315	.848	-.848	-.167	1.0000	1.0000	1.0000	
7	7	24	16.807	16.093	-16.093	-.714	1.0000	1.0000	1.0000	
7	7	25	19.512	20.442	20.442	.930	1.0000	1.0000	1.0000	
7	7	26	1.035	1.166	1.166	.131	1.0000	1.0000	1.0000	
7	7	27	3.062	2.359	-2.359	-.703	1.0000	1.0000	1.0000	
7	7	28	10.904	11.246	11.246	.342	1.0000	1.0000	1.0000	
7	7	29	11.157	11.020	-11.020	-.137	1.0000	1.0000	1.0000	
7	7	30	27.360	26.415	-26.415	-.945	1.0000	1.0000	1.0000	
7	7	31	1.121	.288	-.288	-.833	1.0000	1.0000	1.0000	
7	7	32	6.232	5.906	-5.906	-.326	1.0000	1.0000	1.0000	
7	7	33	2.052	1.062	-1.062	-.990	1.0000	1.0000	1.0000	
7	7	34	23.184	22.652	-22.652	-.532	1.0000	1.0000	1.0000	
7	7	35	12.604	12.402	-12.402	-.202	1.0000	1.0000	1.0000	

PO-FC TABLE

H	K	L	F(FC)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
7	-5	2	45.162	46.801	-46.797	-0.578	11.657	-5.7630	1.0000
7	-5	2	9.107	9.216	-9.215	-0.002	0.115	-0.9732	1.0000
7	-5	2	9.907	9.921	9.970	0.144	-0.064	-0.1225	1.0000
7	-5	4	13.067	14.419	-14.418	-0.190	-0.958	-3.0113	1.0000
7	-5	4	19.976	19.694	19.568	-0.303	0.252	1.2649	1.0000
7	-4	0	9.072	9.237	9.287	0.095	0.405	2.5252	1.0000
7	-4	0	31.077	30.071	30.071	-0.002	1.0716	5.4766	1.0000
7	-4	0	9.801	9.079	9.079	-0.039	0.082	-0.9903	1.0000
7	-4	0	11.931	11.252	-11.252	-0.296	0.271	2.1511	1.0000
7	-4	0	10.745	10.745	10.745	0.000	0.374	-3.1704	1.0000
7	-4	0	4.928	9.292	9.292	0.055	-0.872	-7.3206	1.0000
7	-4	0	6.367	8.371	8.370	0.078	0.124	-0.7459	1.0000
7	-4	0	5.912	6.384	-6.384	-0.100	-0.176	-0.1021	1.0000
7	-4	0	19.216	19.200	19.386	0.234	0.276	-1.1565	1.0000
7	-4	0	1.443	4.667	4.667	0.000	0.071	1.9258	1.0000
7	-4	0	1.440	5.846	-5.846	-0.071	0.253	5.985	1.0000
7	-4	0	7.239	7.237	7.237	0.002	0.009	-0.0340	1.0000
7	-4	0	5.761	5.651	5.650	-0.002	0.110	0.7959	1.0000
7	-3	0	16.592	16.354	-16.352	-0.019	-0.035	-0.3455	1.0000
7	-3	0	13.265	13.036	-13.036	-0.221	0.298	1.7024	1.0000
7	-3	0	25.726	26.212	26.208	0.441	0.247	1.7747	1.0000
7	-3	0	31.287	33.285	33.285	0.998	0.741	-1.7507	1.0000
7	-3	0	4.022	2.210	2.210	-0.011	-0.220	0.0900	1.0000
7	-3	0	3.921	3.421	-3.421	-0.019	0.440	-0.440	1.0000
7	-3	0	17.154	18.239	18.239	0.079	-0.035	-0.3455	1.0000
7	-3	0	10.970	11.974	11.974	0.194	0.406	2.7705	1.0000
7	-3	0	3.037	3.439	3.439	0.297	0.172	-0.4759	1.0000
7	-3	0	11.429	11.429	11.429	0.000	0.013	1.0013	1.0000
7	-3	0	16.978	16.606	16.606	0.091	0.112	1.0030	1.0000
7	-3	0	8.353	8.468	8.467	0.084	0.115	-1.0404	1.0000
7	-3	0	0.950	0.972	0.972	0.013	0.377	0.5956	1.0000
7	-3	0	3.656	3.710	-3.710	-0.038	0.054	-0.2777	1.0000
7	-3	0	50.100	30.260	30.265	0.302	0.054	-0.3243	1.0000
7	-3	0	20.264	20.484	-20.481	-0.403	0.220	0.7769	1.0000
7	-3	0	5.102	4.914	4.914	-0.102	2.688	10.9140	1.0000
7	-3	0	3.160	3.453	3.453	0.140	-0.295	-1.0904	1.0000
7	-3	0	5.702	4.605	4.605	-0.202	1.097	6.0927	1.0000
7	-3	0	0.013	7.641	-7.641	-0.117	0.265	0.6496	1.0000
7	-3	0	3.605	2.688	-2.687	-0.049	0.517	4.1122	1.0000
7	-3	0	7.294	7.193	7.192	-0.127	0.141	3.1373	1.0000
7	-3	0	15.395	14.579	-14.579	-0.025	0.617	0.2752	1.0000
7	-3	0	20.386	19.253	-19.253	-0.176	1.34	4.895	1.0000
7	-3	0	23.951	23.710	-23.710	-0.133	0.229	-1.1655	1.0000
7	-3	0	9.792	9.699	9.699	-0.045	0.053	0.0947	1.0000
7	-3	0	29.579	29.235	29.233	-0.049	0.143	-0.5027	1.0000
7	-3	0	15.477	15.426	-15.426	-0.209	0.009	-0.0605	1.0000
7	-3	0	9.337	9.699	9.698	0.141	-0.362	-2.9565	1.0000
7	-3	0	1.149	2.831	-2.826	-0.186	1.102	-1.4307	1.0000
7	-3	0	11.265	10.694	10.694	0.083	0.511	4.2076	1.0000
7	-3	0	3.053	3.456	3.456	0.033	0.082	0.3446	1.0000
7	-3	0	1.005	0.777	0.777	-0.006	0.226	0.3182	1.0000
7	-3	0	0.902	0.978	0.977	0.099	-0.175	-1.4989	1.0000
7	-3	0	26.177	26.446	-26.446	-0.609	0.268	-0.9517	1.0000

W	B	I	F	TH	FI	AL	AT	DE	DE	EXT	FA
7	0	-1	21,644	11,077	31,806	+140	-.242	-1,1018	1.0000		
7	0	0	21,644	36,912	28,910	+268	-.544	-1,19832	1.0000		
7	0	1	35,797	15,766	18,765	+207	-.045	-.2296	1.0000		
7	0	2	20,683	29,068	29,968	+692	+714	2,3384	1.0000		
1	0	1	9,431	9,547	-9,566	-136	-.226	-2,6015	1.0000		
1	0	1	1,810	.222	.046	-217	1.450	3,2247	1.0000		
1	0	-6	30,861	9,657	9,656	-181	+674	6,9379	1.0000		
1	0	0	8,977	7,930	-7,930	+022	+42	4,5690	1.0000		
1	0	0	3,473	3,535	3,535	-001	+316	1,5952	1.0000		
1	0	-1	19,584	16,158	18,196	-261	+307	1,4632	1.0000		
1	0	-1	17,073	14,834	14,834	-270	+247	1,4781	1.0000		
1	0	-1	14,931	24,219	-24,219	-559	+200	1,4036	1.0000		
1	0	1	16,847	16,020	16,688	+207	+187	1,2074	1.0000		
1	0	1	1,170	1,127	-7,126	-121	+09	1,2724	1.0000		
1	0	1	2,980	3,034	3,033	-067	+084	1,5986	1.0000		
1	0	1	4,422	4,962	4,960	-125	+120	-2,3990	1.0000		
1	0	0	0,340	6,930	-6,930	+120	+120	1,7406	1.0000		
1	0	0	19,433	19,342	-6,509	+127	+292	1,5222	1.0000		
1	0	0	3,032	3,169	3,169	+003	+093	1,5780	1.0000		
1	0	-1	4,160	4,151	4,150	-003	+051	1,051	1.0000		
1	0	-1	29,648	29,618	-29,618	-147	+02	1,007	1.0000		
1	0	0	1,432	1,989	-1,959	-342	+526	-1,4759	1.0000		
1	0	1	16,612	16,103	16,100	+330	+084	-5,468	1.0000		
1	0	1	1,154	1,101	-16,290	-053	+162	1,598	1.0000		
1	0	1	1,657	.475	-4,975	+022	+232	1,2758	1.0000		
1	0	-1	17,469	17,501	-17,469	+264	+307	1,4722	1.0000		
1	0	-1	16,417	16,356	16,359	+201	+251	1,6692	1.0000		
1	0	-1	12,584	12,452	-12,451	-109	+047	1,047	1.0000		
1	0	1	5,161	2,346	2,346	-082	+039	3,2627	1.0000		
1	0	1	1,503	1,178	1,178	+091	+375	2,5759	1.0000		
1	0	1	9,395	9,251	9,251	+106	+025	4,7434	1.0000		
1	0	1	1,125	.612	4,732	+002	+612	5,132	1.0000		
1	0	-4	1,121	.604	-4,732	-170	+516	6,460	1.0000		
1	0	-3	15,568	14,924	14,924	+194	+544	4,1853	1.0000		
1	0	-2	29,170	53,504	53,501	+570	+201	6,9299	1.0000		
1	0	-1	15,812	15,722	-15,722	-127	+085	4,4855	1.0000		
1	0	0	17,420	16,975	-16,975	-101	+442	2,7345	1.0000		
1	0	1	2,152	1,041	1,041	-041	+111	2,6032	1.0000		
1	0	1	2,305	.313	1,840	+028	+170	3,7494	1.0000		
1	0	-2	1,719	1,644	1,844	+012	-124	-2,221	1.0000		
1	0	-2	11,346	11,400	11,399	+181	+146	1,1499	1.0000		
1	0	-1	10,355	10,466	-10,466	-187	+011	1,1741	1.0000		
1	0	0	22,166	22,107	-22,105	-253	+041	4,2486	1.0000		
1	0	-3	17,929	17,837	17,835	+232	+091	5,253	1.0000		
1	0	-2	5,989	6,273	-6,273	-732	+732	-1,4054	1.0000		
1	0	-1	12,536	12,708	-12,707	-049	+142	-1,0233	1.0000		
1	0	0	2,691	2,307	-2,307	+016	+302	1,6554	1.0000		
1	0	-1	12,806	13,096	-13,096	-232	+290	-2,0038	1.0000		
1	0	-4	7,034	6,672	6,672	+077	+162	9,9000	1.0000		
1	0	-3	1,134	2,230	-2,219	-047	+162	-1,3407	1.0000		
1	0	-2	14,723	14,701	-14,719	-279	+058	-3,3822	1.0000		
1	0	-1	1,017	.427	.406	-133	1,335	2,6921	1.0000		

H	K	L	F(001)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
8	-7	0	9.140	9.520	9.519	.109	-.39C	-.248205	1.0000
8	-7	1	11.035	11.659	-11.656	-.173	-.625	-.47506	1.0000
8	-7	2	18.669	19.637	-19.632	-.400	-.966	-.54702	1.0000
8	-6	0	12.208	11.665	-11.665	-.135	-.643	-.42339	1.0000
8	-6	1	3.048	2.741	2.737	.169	-.308	1.0737	1.0000
8	-6	2	1.074	.987	-.987	.011	-.086	.2165	1.0000
8	-6	3	17.074	18.410	18.402	-.4259	-.435	-.2.5757	1.0000
8	-6	4	15.974	16.116	-16.115	-.177	-.141	-.9056	1.0000
8	-6	5	6.031	6.026	-.6.025	-.112	-.605	-.5315	1.0000
8	-6	6	14.570	15.4254	-15.4254	-.101	-.654	-.4.2524	1.0000
8	-5	0	11.513	11.001	-11.001	-.208	-.617	-.5.0779	1.0000
8	-5	1	5.812	6.179	6.177	.135	-.620	-.1.5276	1.0000
8	-5	2	63.023	42.956	42.953	-.675	-.665	-.1.1021	1.0000
8	-5	3	7.716	7.135	7.135	.030	-.821	-.6.5340	1.0000
8	-5	4	7.641	7.475	-7.474	-.125	-.366	-.2.4585	1.0000
8	-5	5	22.906	23.855	23.853	-.990	-.646	-.2.4585	1.0000
8	-5	6	17.653	17.638	-17.638	-.163	-.602	-.2.6019	1.0000
8	-5	7	7.032	6.912	6.911	.135	-.0195	-.0195	1.0000
8	-5	8	3.716	3.696	3.696	.040	-.422	-.7729	1.0000
8	-5	9	6.012	5.695	-5.695	-.035	-.257	-.2.0017	1.0000
8	-4	0	2.007	1.941	-1.941	-.020	-.664	-.1.970	1.0000
8	-4	1	16.523	10.754	-10.754	-.437	-.135	-.2.2745	1.0000
8	-4	2	7.586	1.700	1.699	-.073	-.226	-.5095	1.0000
8	-4	3	2.007	12.403	-12.403	-.162	-.001	-.6206	1.0000
8	-4	4	2.929	2.659	2.659	.021	-.031	-.0181	1.0000
8	-4	5	4.810	4.482	4.482	.011	-.337	-.1.7665	1.0000
8	-4	6	56.823	50.117	-50.117	-.674	-.2.224	-.1.7665	1.0000
8	-4	7	11.551	11.744	-11.744	-.182	-.5414	-.1.4017	1.0000
8	-4	8	16.744	10.623	-10.623	-.576	-.3.2045	-.1.4017	1.0000
8	-4	9	22.390	22.979	-22.979	-.595	-.1.090	-.1.090	1.0000
8	-3	0	2.951	3.251	3.251	.047	-.412	-.1.7195	1.0000
8	-3	1	2.827	3.227	-3.227	-.043	-.400	-.1.5932	1.0000
8	-3	2	12.311	12.356	12.356	.029	-.401	-.1.4300	1.0000
8	-3	3	13.043	12.043	-12.043	-.021	-.425	-.1.3271	1.0000
8	-3	4	2.440	2.406	2.406	.016	-.4021	-.1.0000	1.0000
8	-3	5	21.012	22.395	-22.395	-.016	-.546	-.1.6073	1.0000
8	-3	6	4.934	6.572	6.572	.067	-.566	-.3.0445	1.0000
8	-3	7	5.372	5.126	5.126	-.032	-.592	-.2.7272	1.0000
8	-3	8	20.272	19.903	-19.903	-.034	-.269	-.1.3030	1.0000
8	-3	9	23.152	23.957	23.957	.037	-.370	-.1.5329	1.0000
8	-2	0	2.192	2.937	-2.937	-.066	-.305	-.1.7176	1.0000
8	-2	1	9.133	9.132	-.9.132	-.001	-.2.2934	-.1.0000	1.0000
8	-2	2	2.765	1.362	1.362	-.001	-.606	-.4.006	1.0000
8	-2	3	12.056	13.298	-13.298	-.297	-.4.7589	-.1.0000	1.0000
8	-2	4	21.235	21.420	21.420	.240	-.4.93	-.3.2504	1.0000
8	-2	5	2.252	2.797	-2.797	-.103	-.1.85	-.1.85	1.0000
8	-2	6	14.762	14.303	-14.303	-.125	-.536	-.1.2505	1.0000
8	-2	7	6.117	6.069	-.6.069	-.055	-.655	-.4.2645	1.0000
8	-2	8	30.296	29.814	-29.814	-.055	-.666	-.1.3056	1.0000
8	-2	9	10.327	10.072	-10.072	-.192	-.462	-.1.5724	1.0000
8	-1	0	0.324	6.472	6.472	.136	-.146	-.1.1994	1.0000
8	-1	1	6.440	4.713	4.707	-.171	-.282	-.1.3754	1.0000
8	-1	2	14.703	15.508	15.508	.740	-.607	-.6.5014	1.0000

N	K	L	F(ORBIT)	F(FCALC)	A(FCALC)	B(FCALC)	DELTA P	DELTA/SYSTEMA	EXT. FACTOR
0	-1	2	17.209	17.604	-17.602	-.265	-.395	-2.4440	1.0000
0	-1	1	25.597	26.663	-26.657	-.535	-1.066	-4.2700	1.0000
0	0	-3	6.183	5.939	-.936	-.121	-.244	1.4482	1.0000
0	0	-4	26.240	26.113	-.26112	-.312	-.235	-.9973	1.0000
0	0	-2	6.591	6.109	-.6209	-.687	-.361	2.5906	1.0000
0	-2	0	31.597	29.650	-.29850	-.065	1.747	5.7825	1.0000
0	0	-1	5.217	5.167	-.5107	-.639	-.132	-.7714	1.0000
0	0	0	2.170	2.174	2.163	-.223	-.004	-.0109	1.0000
0	0	1	4.230	4.602	4.602	-.036	-.372	-1.7124	1.0000
0	0	2	2.992	3.824	3.824	-.041	1.171	3.7100	1.0000
0	0	3	1.429	1.929	1.929	-.077	-.500	-.7259	1.0000
0	0	-3	13.035	12.700	32.1702	-.077	-.580	2.4462	1.0000
0	1	-4	6.082	6.733	-6.732	-.125	-.274	1.2786	1.0000
0	1	-3	7.613	7.730	7.732	-.119	-.123	-.9036	1.0000
0	1	-2	8.330	1.491	-1.450	-.054	-.627	2.4566	1.0000
0	1	-1	12.927	12.079	-11.077	-.191	-.654	1.2735	1.0000
0	1	0	4.121	4.270	-4.270	-.086	-.150	-.4419	1.0000
0	1	1	31.211	32.530	32.534	-.655	-1.327	-4.0107	1.0000
0	2	-2	17.991	18.376	18.376	-.509	-.299	-2.6107	1.0000
0	2	-4	1.120	-.262	-.643	-.238	-.854	1.0748	1.0000
0	2	-3	9.440	9.711	-9.707	-.254	-.271	1.0748	1.0000
0	2	-2	18.447	17.902	17.902	-.066	-.146	-2.0869	1.0000
0	2	-1	1.102	-.760	-.786	-.032	-.1307	3.1307	1.0000
0	2	0	8.906	2.901	2.901	-.026	-.483	-.3978	1.0000
0	2	1	7.233	7.279	7.279	-.091	-.141	-.4153	1.0000
0	2	2	6.014	6.140	6.140	-.234	-.139	1.1607	1.0000
0	2	3	3.570	3.431	-3.435	-.072	-.135	-.7857	1.0000
0	2	4	7.301	7.477	-7.469	-.060	-.143	-.5053	1.0000
0	3	0	13.765	13.743	-13.740	-.269	-.143	-.3972	1.0000
0	3	1	15.650	15.262	-15.260	-.242	-.043	-.3010	1.0000
0	3	2	2.076	1.087	1.087	-.013	-.366	2.2761	1.0000
0	3	3	2.722	2.013	2.013	-.005	-.545	5.5107	1.0000
0	3	4	20.723	21.468	21.463	-.610	-.745	1.5101	1.0000
0	3	-1	6.692	6.417	6.417	-.276	-.566	-.3.9029	1.0000
0	3	-2	7.982	6.923	6.923	-.145	-.431	-2.7496	1.0000
0	3	-3	9.616	9.256	9.256	-.045	-.339	1.9906	1.0000
0	3	-4	24.926	24.920	-24.920	-.341	-.054	2.7529	1.0000
0	3	0	10.136	11.699	-11.690	-.470	-.054	-.2840	1.0000
0	3	1	12.395	12.666	12.667	-.136	-.172	1.3821	1.0000
0	3	2	20.218	20.331	20.329	-.372	-.114	-1.9808	1.0000
0	3	3	10.068	17.975	17.978	-.155	-.092	-.2982	1.0000
0	3	-2	1.124	-.699	-.699	-.072	-.465	-.5991	1.0000
0	3	-1	3.352	3.623	-3.623	-.025	-.071	-.2622	1.0000
0	3	0	0.944	7.122	7.122	-.024	-.175	-1.0805	1.0000
0	3	1	10.647	11.611	11.609	-.209	-.964	-7.2642	1.0000
0	3	2	4.608	5.407	-5.403	-.204	-.799	1.0000	1.0000
0	3	3	3.726	3.336	-3.334	-.074	-.392	1.5609	1.0000
0	3	-2	16.780	16.247	-16.246	-.615	-.533	1.0709	1.0000
0	3	-1	12.097	11.886	11.886	-.334	-.205	1.7493	1.0000
0	3	0	20.129	20.129	-20.128	-.133	-.027	1.0000	1.0000
0	3	1	12.262	12.613	-12.614	-.085	-.133	-.9539	1.0000

H	K	L	F(DRS)	F(CALC)	ACCALC	ACCALC	DELTA F	DELTA PERCENT	EXT. FACTOR
9	-4	2	1.366	1.390	-1.390	.002	-.048	-.0017	1.0000
9	-3	1	7.631	7.725	7.725	.083	-.095	-.0375	1.0000
9	-3	2	3.230	3.027	-3.027	-.011	.212	.7489	1.0000
9	-3	3	10.000	15.005	15.005	.105	.028	.9956	1.0000
9	-3	4	4.651	4.579	-4.579	-.004	-.028	-.1306	1.0000
9	-3	5	17.675	17.727	-17.727	-.031	-.052	-.3811	1.0000
9	-3	6	9.855	10.452	-10.452	-.117	-.293	-.4550	1.0000
9	-3	7	7.558	7.619	-7.619	-.107	-.364	-.2649	1.0000
9	-3	8	1.052	2.102	-2.102	-.301	-.471	-.2419	1.0000
9	-3	9	15.031	15.891	-15.891	-.273	-.281	1.9316	1.0000
9	-3	10	10.042	11.413	-11.413	-.061	.501	5.1507	1.0000
9	-2	1	2.742	2.917	-2.917	-.189	-.376	-.2342	1.0000
9	-2	2	1.792	3.002	-3.002	-.612	-.205	-.4721	1.0000
9	-2	3	5.921	10.390	-10.390	-.101	-.489	-.2428	1.0000
9	-2	4	15.319	15.471	-15.471	-.189	-.432	-.1400	1.0000
9	-2	5	5.490	5.092	-5.092	-.144	-.403	-.2404	1.0000
9	-2	6	10.403	10.524	-10.524	-.159	-.402	-.6211	1.0000
9	-2	7	13.341	15.214	-15.214	-.344	-.476	1.0000	1.0000
9	-2	8	35.000	35.401	-35.401	-.524	-.427	1.5281	1.0000
9	-2	9	4.500	3.765	-3.765	-.036	-.402	1.0000	1.0000
9	-2	10	9.489	8.557	-8.557	-.100	-.474	3.3016	1.0000
9	-1	1	2.440	2.000	-2.000	-.197	-.067	-.9252	1.0000
9	-1	2	5.740	5.523	-5.523	-.038	-.242	5.2507	1.0000
9	-1	3	1.400	1.260	-1.260	-.031	-.217	3.2167	1.0000
9	-1	4	4.120	4.324	-4.324	-.051	-.202	2.0192	1.0000
9	-1	5	1.201	1.414	-1.414	-.032	-.243	1.6598	1.0000
9	-1	6	15.801	16.220	-16.220	-.264	-.241	1.0000	1.0000
9	-1	7	22.240	21.245	-21.245	-.481	-.261	1.0000	1.0000
9	-1	8	11.878	11.513	-11.513	-.271	-.231	1.0000	1.0000
9	-1	9	2.671	2.838	-2.838	-.061	-.451	2.1385	1.0000
9	-1	10	6.141	6.148	-6.148	-.065	-.435	1.0770	1.0000
9	-1	11	16.711	10.430	-10.430	-.211	-.407	1.0000	1.0000
9	-1	12	1.857	1.290	-1.290	-.003	-.592	1.0000	1.0000
9	-1	13	7.824	8.121	-8.121	-.149	-.597	3.7199	1.0000
9	-1	14	5.058	5.153	-5.153	-.111	-.194	1.0000	1.0000
9	-1	15	14.967	14.562	-14.562	-.220	-.085	1.0000	1.0000
9	-1	16	17.091	17.035	-17.035	-.212	-.656	1.0000	1.0000

RESULTS OF STRUCTURE FACTOR CALCULATIONS

RYANITE (DECLASSIFIED) AT 400 DEGREES C PD-FC TABLE

ALL REFLECTIONS

WEIGHTED h	h	WEIGHTED k	k	WEIGHTED l	l	HOUGHTON	EDWARDS	NUMBERS	R
36439.89	364	39.89	398	2119.45	2119	45	1793	0.044	
420.71	420	71	24585.26			1733		0.037	

RANGES OF FIGURES

10501.80	4600470.00	1213	0.045
4837.91	4713722.90	316	0.032
5647.85	3052216.94	94	0.025
2196.52	2950668.91	21	0.027
292.49	407739.39	5	0.027
58.12	292392.32	1	0.014
1207.50	401024.27	1	0.026
3117.76	303118.66	1	0.021

RANGES OF ESTHERIA LEADOPHANE

6216.51	2732225.19	40	0.041
3176.66	2666009.64	136	0.022
14979.10	3194659.23	192	0.042
3751.69	1735732.93	213	0.022
1667.72	2080462.97	240	0.020
1692.51	1478009.32	240	0.026
2323.17	1246469.55	240	0.025
2950.34	1575414.97	210	0.042

UNWEIGHTED REFLECTIONS

WEIGHTED h	h	WEIGHTED k	k	WEIGHTED l	l	HOUGHTON	EDWARDS	NUMBERS	R
17707.09	17707	09	1737070.69			1832		0.034	
731.22	731	22	23560.91			1532		0.033	

RANGES OF FIGURES

10491.66	4590605.15	1020	0.046
4837.91	4736722.90	500	0.032
2323.17	2078266.92	91	0.022
995.04	2492321.54	30	0.020
292.49	407739.39	3	0.027
58.12	292392.32	3	0.014
0.00	0.00	0	0.010
698.54	1690064.20	5	0.019

RANGES OF KINIKITICATALEHEDRA

2307.60	3611167.60	72	0.028
1089.35	2664950.16	123	0.028
3878.98	2666712.08	173	0.036
2520.77	3670271.01	195	0.029
1829.63	2095239.57	217	0.030
1666.94	1477709.27	235	0.035
2198.74	1644037.18	252	0.035
2729.69	1510006.89	263	0.042

SUM FCAL 24444.62
STANDARD DEV OF UNIT WEIGHT OBS 3.77

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

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Table A.
Sillimanite, andalusite and kyanite: observed and
calculated structure factors at various temperatures.

Kyanite 600°C

H	K	L	F(005)	F(100)	A(100)	D(100)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	0	1	1.235 *	.212	-.212	-.001	1.121	1.1770	1.0000 *
0	0	2	17.236	16.559	-16.958	-.139	.677	3.2651	1.0000
0	0	3	9.402	7.405	-7.404	-.062	.997	6.4085	1.0000
0	0	4	1.014 *	1.637	1.627	.012	-.613	-.5694	1.0000 *
0	0	5	3.581	5.956	.052	.216	.627	5.9573	1.0000
0	0	6	14.153	13.120	-13.119	-.009	1.033	6.3932	1.0000
0	0	7	9.493	5.269	-5.269	-.009	.324	1.0939	1.0000
0	0	7	9.197	6.352	6.352	.273	-.635	-.5.2757	1.0000
0	0	8	10.605	22.1266	22.262	.299	-.2.200	-.12.0155	1.0000
0	0	9	10.893	16.460	-13.9490	-.299	-1.597	-9.8219	1.0000
0	0	10	15.107	16.541	16.541	.100	-1.434	-7.6120	1.0000
0	0	11	6.415	6.689	-6.689	-.053	-.139	-.3.3327	1.0000
0	0	11	10.100	16.737	16.737	.127	-.630	-5.2720	1.0000
0	0	12	3.852 *	.073	-.073	.409	3.730	-.5.7559	1.0000
0	0	12	.388 *	.221	-.221	-.010	.464	1.0509	1.0000 *
0	0	13	26.589	25.223	25.223	.693	1.366	9.4976	1.0000
0	0	14	19.908	59.205	-59.205	-.419	-.793	3.0138	1.0000
0	0	15	22.107	26.174	-26.174	.037	2.013	9.2257	1.0000
0	0	16	3.652	3.692	-26.174	.026	.466	7.923	1.0000
0	0	17	21.684	30.011	-30.010	-.239	1.674	6.4193	1.0000
0	0	18	17.215	15.344	-15.344	-.216	1.371	9.0259	1.0000
0	0	19	19.251	17.490	17.490	.260	1.773	11.6009	1.0000
0	0	20	1.039 *	1.174	-1.173	-.066	-.738	-.9977	1.0000
0	0	21	2.146	2.120	2.120	.015	.025	-.0093	1.0000
0	0	22	9.375	10.529	-10.528	-.320	-.651	-6.3040	1.0000
0	0	23	7.022	7.508	-7.499	-.044	-.473	-.6.1541	1.0000
0	0	24	37.253	39.307	39.307	.211	-2.291	-11.2092	1.0000
0	0	25	27.905	23.330	-23.330	-.009	4.425	24.6938	1.0000
0	0	26	11.011	49.715	-49.714	-.202	-2.308	-13.6530	1.0000
0	0	27	19.982	19.940	-19.940	-.106	.277	1.4722	1.0000
0	0	28	32.713	32.782	32.782	.239	-.933	-.4383	1.0000
0	0	29	13.277	12.585	-12.585	-.089	.691	4.1821	1.0000
0	0	30	6.734	6.923	-6.923	-.080	.199	1.2034	1.0000
0	0	31	18.550	17.265	-17.264	-.118	1.195	6.0289	1.0000
0	0	32	10.575	10.001	-10.001	-.104	.574	5.0399	1.0000
0	0	33	8.739	3.980	3.980	.001	.222	1.2793	1.0000
0	0	34	20.947	18.668	-18.666	.320	2.219	12.5937	1.0000
0	0	35	16.372	17.569	-17.569	-.170	-1.147	-7.0367	1.0000
0	0	36	4.619	3.971	3.971	.093	1.037	6.5024	1.0000
0	0	37	19.747	21.665	21.664	.245	-.2.110	-.18.0002	1.0000
0	0	38	9.593	10.275	-10.274	-.140	.772	4.0079	1.0000
0	0	39	8.207	.094	-.094	-.063	1.333	7.4133	1.0000
0	0	40	3.432	3.936	-3.936	-.029	-.623	-2.1110	1.0000
0	0	41	35.945	37.593	-37.592	-.257	-2.058	-12.2903	1.0000
0	0	42	55.917	61.423	61.423	.520	-1.514	-9.8402	1.0000
0	0	43	21.924	23.738	23.738	.379	-1.812	-7.7558	1.0000
0	0	44	1.477 *	.191	-.191	-.003	1.395	3.3145	1.0000
0	0	45	23.158	22.379	-22.377	-.114	.779	1.5845	1.0000
0	0	46	26.032	25.601	25.600	.237	1.231	4.9792	1.0000
0	0	47	1.853 *	1.104	-1.104	-.959	.749	2.2292	1.0000
0	0	48	11.000 *	11.133	11.132	.137	.167	7.0121	1.0000
0	0	49	1.628 *	.606	-.606	.003	.742	1.2268	1.0000
0	0	50	1.213 *	.909	.909	.057	.309	-.4095	1.0000

H	K	L	F(DNS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	0	-2	10.180	11.707	27.705	.273	-1.527	-10.079	1.000
0	0	-5	1.718	.230	.264	-.123	1.400	4.2080	1.000
0	0	-4	50.854	62.687	62.687	.102	-3.022	-35.856	1.000
0	0	-3	6.126	5.849	-5.846	.077	.278	2.6498	1.000
0	0	-2	35.492	37.470	37.470	.372	-1.970	-9.0376	1.000
0	0	-1	2.431	.958	-.952	-.060	1.473	6.5027	1.000
0	0	0	22.608	22.576	-22.575	-.168	.020	.3514	1.000
0	0	1	11.050	11.347	11.347	.696	.310	2.1115	1.000
0	0	2	3.593	3.041	-3.041	.036	.550	2.0684	1.000
0	0	3	9.405	9.049	-9.049	-.082	.716	3.4501	1.000
0	0	4	4.829	6.494	6.492	.131	.316	2.3779	1.000
0	0	5	10.793	10.619	-10.614	-.105	.379	2.3313	1.000
0	0	6	54.081	49.074	-49.072	-.528	4.202	15.4225	1.000
0	0	7	6.550	7.151	7.151	.071	.329	5.4169	1.000
0	0	8	12.689	13.058	13.058	-.204	-1.190	-10.2572	1.000
0	0	9	7.768	2.227	2.227	.017	.941	2.6356	1.000
0	0	10	1.707	.428	-.428	.004	1.359	2.7059	1.000
0	0	11	1.070	6.717	-6.717	-.082	.716	-7.1426	1.000
0	0	12	36.811	36.936	36.924	.399	-.414	-17.1162	1.000
0	0	13	22.278	25.185	-25.124	-.173	1.546	-7.4991	1.000
0	0	14	49.796	51.716	-51.715	-.437	-1.961	-9.4542	1.000
0	0	15	40.974	47.714	47.712	-.402	.740	-5.0056	1.000
0	0	16	2.440	.862	-.862	.149	.626	1.6258	1.000
0	0	17	12.699	12.274	12.274	.079	.302	2.8882	1.000
0	0	18	16.746	16.763	16.763	.065	.028	-.1102	1.000
0	0	19	23.631	22.428	-22.424	-.424	1.205	6.3472	1.000
0	0	20	1.010	.929	-.929	-.094	.091	-.0701	1.000
0	0	21	3.252	6.716	-6.716	-.129	.520	5.6195	1.000
0	0	22	3.950	3.714	3.714	-.209	-.220	-.9214	1.000
0	0	23	7.491	8.007	8.004	.238	-.220	-.9214	1.000
0	0	24	12.270	13.763	-13.762	-.240	-1.393	-10.5492	1.000
0	0	25	3.570	2.107	-2.107	-.121	.373	2.2425	1.000
0	0	26	8.508	8.057	8.056	.132	-.329	-3.1249	1.000
0	0	27	11.207	11.691	-11.693	-.125	-.708	-3.1649	1.000
0	0	28	10.904	10.905	-10.905	-.079	-.081	-.0759	1.000
0	0	29	27.074	27.197	27.196	.203	.029	.0782	1.000
0	0	30	1.117	1.890	1.889	.029	-.712	-1.3289	1.000
0	0	31	14.235	13.574	-13.574	-.149	.322	2.4125	1.000
0	0	32	6.710	6.107	6.089	.336	.601	7.5470	1.000
0	0	33	12.937	11.937	11.935	.164	.921	3.2640	1.000
0	0	34	6.562	6.282	6.282	.128	.320	1.6097	1.000
0	0	35	4.621	4.705	4.705	.113	-.086	-.4282	1.000
0	0	36	6.785	7.716	-7.716	-.192	.932	-6.4566	1.000
0	0	37	1.424	.829	-.829	.021	.595	1.2583	1.000
0	0	38	1.264	2.072	2.072	-.056	-.707	-1.5950	1.000
0	0	39	22.351	34.186	34.186	.445	.516	-3.7260	1.000
0	0	40	11.095	12.017	12.017	.203	.913	1.6901	1.000
0	0	41	7.249	7.130	-7.130	-.170	.113	1.6425	1.000
0	0	42	15.041	13.722	-13.722	-.240	.316	-2.4060	1.000
0	0	43	17.806	17.438	17.438	.260	.309	2.1527	1.000
0	0	44	3.830	3.602	-3.602	-.036	.207	1.0166	1.000
0	0	45	0.959	6.793	6.788	.129	.179	1.2007	1.000
0	0	46	7.057	7.072	7.070	-.135	.766	5.4723	1.000

N	K	L	FACTORS			STRUCTURE FACTORS		
			F(ORS)	F(ONTS)	A(FECS)	R(ELACS)	DELTA F	DELTA/SIGMA
0	0	-9	5.857	6.444	0.587	-0.587	-3.4098	1.0000
0	0	-4	4.698	5.647	-5.447	-0.949	-2.7862	1.0000
0	0	-3	0.959	9.121	9.120	0.169	-4.8266	1.0000
0	0	-2	12.365	12.795	12.793	0.239	-3.1627	1.0000
0	0	-1	10.945	10.489	-10.489	-0.169	-4.8267	1.0000
0	0	0	32.791	33.042	-33.042	-0.259	-2.6418	1.0000
0	0	1	11.479	11.535	-11.535	-0.056	-4.5786	1.0000
0	0	2	25.741	23.639	-23.639	-0.026	-6.0250	1.0000
0	0	3	15.720	15.225	-15.224	-0.067	-3.4523	1.0000
0	0	4	10.461	20.756	-20.754	-0.206	-0.9927	1.0000
0	0	5	19.042	11.879	-11.879	-0.145	-7.3690	1.0000
0	0	6	1.413	20.130	-20.135	-0.333	-8.2094	1.0000
0	0	7	2.430	1.397	-1.396	-0.035	-0.232	1.0000
0	0	8	22.730	23.172	23.171	0.289	-1.4723	1.0000
0	0	9	15.202	15.623	-15.627	-0.167	-4.345	1.0000
0	0	9	2.475	1.946	1.947	0.046	5.905	1.0000
0	0	9	11.097	2.296	-2.298	-0.03	-1.1921	1.0000
0	0	9	11.709	11.442	-11.442	-0.267	6.857	1.0000
0	0	9	2.955	2.121	-2.120	-0.055	2.0805	1.0000
0	0	10	7.297	7.537	7.534	0.237	-1.6227	1.0000
0	0	10	12.459	14.109	14.109	0.396	-2.291	1.0000
0	0	10	3.810	2.054	-2.051	-0.239	1.7510	1.0000
0	0	10	6.420	6.420	-6.420	-0.341	5.8573	1.0000
0	0	10	8.381	0.284	-0.282	-0.021	-4.3295	1.0000
0	0	10	1.160	0.056	0.052	0.002	6.326	1.0000
0	0	10	9.448	9.087	9.088	0.098	3.4492	1.0000
0	0	10	1.601	1.002	-1.002	-0.174	5.477	1.0000
0	0	10	22.223	11.461	-11.460	-0.114	2.4792	1.0000
0	0	10	12.733	13.239	13.239	0.156	-2.1852	1.0000
0	0	10	10.197	10.612	-10.611	-0.209	1.3275	1.0000
0	0	10	1.159	0.251	0.252	0.002	-2.6840	1.0000
0	0	10	26.962	26.320	26.317	0.339	0.933	1.0000
0	0	10	11.642	11.264	-11.264	-0.378	2.6840	1.0000
0	0	10	1.034	1.530	1.525	0.210	1.0847	1.0000
0	0	10	32.448	30.396	-30.394	-0.201	6.6090	1.0000
0	0	10	5.016	4.925	-4.925	-0.091	0.190	1.0000
0	0	10	1.150	0.332	0.332	0.062	0.9926	1.0000
0	0	10	7.261	7.265	7.265	0.005	-1.6846	1.0000
0	0	10	22.245	22.032	22.032	0.213	-2.2159	1.0000
0	0	10	9.179	9.440	9.440	0.261	-2.1559	1.0000
0	0	10	7.296	7.036	-7.034	-0.168	2.0226	1.0000
0	0	10	12.561	12.167	-12.165	-0.186	4.397	1.0000
0	0	10	7.218	1.241	1.241	0.019	3.5077	1.0000
0	0	10	8.339	7.543	-7.543	-0.077	3.0028	1.0000
0	0	10	1.458	1.361	1.361	0.102	3.6144	1.0000
0	0	10	27.930	23.889	23.889	0.231	-4.614	1.0000
0	0	10	67.765	57.481	-57.477	-0.562	6.5620	1.0000
0	0	10	23.173	21.496	-21.495	-0.210	13.5761	1.0000
0	0	10	6.202	6.365	6.365	0.061	2.1056	1.0000
0	0	10	4.101	3.626	3.626	0.117	-0.6946	1.0000
0	0	10	6.810	6.960	6.960	0.140	2.5920	1.0000
0	0	10	6.810	6.960	-6.960	-0.219	-0.1736	1.0000

IF	R	I	F(COOS)	F(CALC)	A(CALC)	D(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	-7	-2	33.172	37.458	-33.405	-0.406	-0.297	-1.0987	1.0000
1	-7	-1	13.554	13.552	13.992	0.12	-0.389	-2.6435	1.0000
1	-7	0	4.694	3.839	-3.032	-0.09	0.55	5.6835	1.0000
1	-7	1	11.314	4.994	4.992	0.128	6.320	49.5924	1.0000
1	-7	2	9.746	5.269	-9.268	-0.103	4.77	4.1045	1.0000
1	-7	3	1.649	1.272	-1.272	0.00	-0.297	-0.2092	1.0000
1	-7	4	6.687	8.419	-8.418	-0.00	-0.094	-0.2092	1.0000
1	-7	5	13.676	12.093	12.092	0.137	3.5123	6.9034	1.0000
1	-6	-6	5.637	6.023	-6.022	-0.107	1.022	-2.2695	1.0000
1	-6	-5	16.764	17.593	-17.491	-0.208	-0.723	-4.8452	1.0000
1	-6	-4	10.020	10.440	10.429	0.56	-2.7929	-2.7929	1.0000
1	-6	-3	14.056	15.399	-15.392	0.162	0.543	3.0094	1.0000
1	-6	-2	7.474	7.970	-7.970	-0.071	-0.094	-0.9224	1.0000
1	-6	-1	2.970	3.029	3.029	0.135	-0.050	4.7047	1.0000
1	-6	0	15.682	14.812	14.812	0.202	0.613	-2.2327	1.0000
1	-6	1	17.709	16.353	-16.354	-0.377	1.150	6.2219	1.0000
1	-6	2	8.144	9.230	-9.209	0.32	-1.056	-9.2614	1.0000
1	-6	3	12.471	10.870	10.869	0.310	1.001	11.6121	1.0000
1	-6	4	16.280	15.039	15.037	0.234	0.675	4.1520	1.0000
1	-6	5	6.295	5.362	-5.230	-0.134	0.912	6.2150	1.0000
1	-6	6	9.710	3.974	-3.512	-0.055	0.177	4.7659	1.0000
1	-6	7	9.464	9.409	-9.504	-0.106	-0.271	-4.2166	1.0000
1	-5	-5	2.379	2.079	2.097	-0.135	-0.470	-2.0760	1.0000
1	-5	-4	31.020	32.829	32.357	0.596	-1.451	-5.7177	1.0000
1	-5	-3	41.421	50.128	50.127	0.265	-2.027	-11.2170	1.0000
1	-5	-2	27.046	27.472	27.471	0.174	-0.755	-1.5278	1.0000
1	-5	-1	46.277	46.072	-46.021	-0.270	-0.250	-1.1254	1.0000
1	-5	0	4.480	4.079	4.039	0.076	-0.449	2.5991	1.0000
1	-5	1	2.646	1.762	-1.762	-0.099	1.554	7.4143	1.0000
1	-5	2	10.079	10.079	-10.009	-0.058	0.211	1.8092	1.0000
1	-5	3	26.033	26.395	26.393	0.303	0.521	6.7127	1.0000
1	-5	4	20.929	19.222	-19.222	-0.197	1.0726	6.7042	1.0000
1	-5	5	25.744	23.979	-23.976	-0.402	1.133	9.2762	1.0000
1	-5	6	11.906	11.420	-11.419	-0.163	0.405	4.0609	1.0000
1	-4	-7	6.729	7.096	7.095	0.101	-0.667	-6.2826	1.0000
1	-4	-6	6.241	6.247	6.207	0.028	-0.046	-0.5941	1.0000
1	-4	-5	6.207	6.914	-6.914	-0.116	-0.527	-4.5712	1.0000
1	-4	-4	6.689	6.221	6.520	0.129	-0.032	-0.3937	1.0000
1	-4	-3	0.204	1.252	-1.252	-0.048	0.370	-0.5865	1.0000
1	-4	-2	40.025	46.582	-46.581	-0.392	-0.558	-2.7674	1.0000
1	-4	-1	25.111	24.036	-24.036	-0.37	1.076	5.5204	1.0000
1	-4	0	112.718	113.206	-113.201	-0.174	-0.402	-2.7059	1.0000
1	-4	1	13.414	14.197	-14.197	-0.20	1.516	7.0747	1.0000
1	-4	2	41.273	38.064	-38.062	-0.397	2.209	16.7697	1.0000
1	-4	3	0.990	0.988	0.956	-0.038	0.042	0.5386	1.0000
1	-4	4	15.010	14.440	14.439	0.145	0.662	4.0723	1.0000
1	-4	5	1.062	1.686	1.664	0.020	-0.602	-0.9667	1.0000
1	-4	6	6.179	5.077	-5.075	-0.060	0.302	1.0923	1.0000
1	-4	7	22.745	11.216	-11.216	-0.124	1.529	11.7643	1.0000
1	-3	-7	14.064	15.133	-15.132	-0.133	-1.068	-7.0449	1.0000
1	-3	-6	3.101	3.120	-3.128	-0.027	0.933	0.1554	1.0000
1	-3	-5	9.109	9.462	-9.456	-0.331	-0.273	-2.8456	1.0000

U	W	L	F(005)	F(0A0)	AC(001)	U(0L0)	DELTA F	DELTA/MS/MS	EXT. FACTOR
1	-3	-4	37.012	42.036	-42.018	-0.473	-3.000	-10.0496	1.0000
1	-3	-3	24.024	25.150	25.150	0.350	-1.075	-4.9269	1.0000
1	-2	-2	2.102	2.030	2.030	0.000	0.022	0.617	1.0000
1	-3	-1	4.597	4.795	4.795	0.008	0.142	0.219	1.0000
1	-3	0	22.910	22.712	22.712	0.205	0.119	1.1110	1.0000
1	-3	1	27.066	27.507	27.507	0.359	0.119	0.659	1.0000
1	-3	2	0.247	7.191	-7.190	-0.020	0.356	2.0024	1.0000
1	-3	3	59.004	36.791	36.790	0.309	2.013	10.1155	1.0000
1	-3	4	45.750	43.715	43.712	0.519	2.025	6.4033	1.0000
1	-3	5	4.032	9.129	9.129	0.012	-1.196	-2.0721	1.0000
1	-3	6	2.024	2.951	2.951	0.047	0.062	1.037	1.0000
1	-3	7	13.784	12.747	12.746	0.162	1.000	7.2584	1.0000
1	-2	-7	3.355	4.111	4.111	0.009	-0.757	-0.1017	1.0000
1	-2	-6	6.206	6.400	6.400	0.042	-0.194	-1.5168	1.0000
1	-2	-5	16.478	17.554	17.554	0.190	-1.070	-4.0291	1.0000
1	-2	-4	14.949	15.737	15.737	0.191	-0.172	-5.0541	1.0000
1	-2	-3	20.799	20.293	20.293	0.312	-1.444	-7.0570	1.0000
1	-2	-2	23.020	20.527	20.527	0.519	4.901	20.1250	1.0000
1	-2	-1	44.409	46.581	46.580	-0.202	-0.123	-0.0921	1.0000
0	-0	0	21.441	20.531	20.530	0.109	1.001	5.7619	1.0000
1	-1	1	29.408	20.469	20.469	0.125	1.031	0.2510	1.0000
1	-2	2	0.329	7.971	-7.971	-0.075	0.350	6.0690	1.0000
1	-2	3	1.025	1.161	1.161	0.005	4.074	1.0374	1.0000
1	-2	4	11.506	20.408	20.405	0.209	1.160	4.0081	1.0000
1	-2	5	13.151	12.167	12.167	-0.250	0.001	7.2082	1.0000
1	-2	6	11.577	10.493	10.493	-0.197	1.000	0.1489	1.0000
1	-2	7	5.484	5.139	5.139	0.337	-7.15	4.0150	1.0000
1	-1	-1	10.301	11.282	11.280	-0.004	-0.067	-0.0980	1.0000
1	-1	-2	28.178	31.107	31.107	0.36	-2.522	-0.0026	1.0000
1	-1	-3	11.462	12.362	12.362	0.067	-0.961	-0.0317	1.0000
1	-1	-4	8.032	0.400	0.400	0.007	-0.533	-0.2117	1.0000
1	-1	-3	1.036	1.407	1.407	0.009	4.31	1.2867	1.0000
1	-1	-2	22.091	23.022	23.022	-0.156	7.49	-6.0169	1.0000
1	-1	-1	26.934	25.603	25.603	0.092	0.220	6.1365	1.0000
1	-1	0	7.531	7.502	7.502	0.002	0.229	1.840	1.0000
1	-1	1	11.254	10.727	10.727	0.087	0.523	1.7070	1.0000
1	-1	2	59.342	57.026	57.026	0.662	2.305	16.1500	1.0000
1	-1	3	20.508	27.994	27.994	0.535	1.524	7.2670	1.0000
1	-1	4	10.460	9.937	9.937	0.049	4.92	3.4209	1.0000
1	-1	5	26.791	25.160	25.160	0.367	1.631	0.1161	1.0000
1	-1	6	17.065	16.028	16.028	0.177	1.037	0.4170	1.0000
1	-1	7	2.043	2.901	2.901	0.064	-0.660	-1.9302	1.0000
1	-1	8	4.614	4.410	4.410	0.000	-0.307	-0.0252	1.0000
1	-1	9	5.510	5.316	5.316	0.018	-0.306	-0.0936	1.0000
1	-1	10	1.093	1.005	1.005	-0.005	1.000	2.2438	1.0000
1	-1	11	117.833	131.203	131.203	0.779	-13.419	-02.9207	1.0000
1	-1	12	4.000	1.253	1.253	0.000	3.637	20.3717	1.0000
1	-1	13	11.000	16.300	16.300	0.130	0.402	-3.0492	1.0000
1	-1	14	2.768	1.607	1.607	0.003	2.135	2.5154	1.0000
1	-1	15	8.016	7.796	7.796	0.016	0.219	1.02985	1.0000
1	-1	16	5.693	0.253	0.253	0.001	5.693	10.1705	1.0000
1	-1	17	36.113	0.253	0.253	0.303	0.638	3.7059	1.0000
1	-1	18	9.318	9.159	9.159	0.027	0.160	0.9500	1.0000

H	K	L	F(001)	F(CALC)	ΔF(CALC)	F(001)	ΔF	BETA/SIGMA	EXT.	FACTOR
1	0	4	40.601	39.852	39.690	4.305	0.529	3.5619	1.0000	1.0000
1	0	4	13.442	12.653	12.652	1.171	-.768	6.5274	1.0000	1.0000
1	0	6	39.217	38.364	38.364	1.106	1.513	6.3330	1.0000	1.0000
1	0	7	10.905	10.178	-10.178	-.173	4.408	3.3737	1.0000	1.0000
1	0	7	1.027	1.673	1.673	-.605	-.648	-.6806	1.0000	1.0000
1	1	-6	4.100	4.697	4.697	-.647	-.589	-.3.5631	1.0000	1.0000
1	1	-5	2.724	3.660	3.660	-.607	2.654	10.2500	1.0000	1.0000
1	1	-4	5.305	5.065	5.065	-.037	-.566	-.4.4710	1.0000	1.0000
1	1	-3	8.622	8.601	8.601	-.027	-.921	4.1994	1.0000	1.0000
1	1	-2	44.704	47.102	47.102	2.377	-2.312	-16.6266	1.0000	1.0000
1	1	-2	19.972	20.292	20.292	-.035	0.664	2.4256	1.0000	1.0000
1	1	0	15.890	14.872	14.872	0.920	0.225	4.3762	1.0000	1.0000
1	1	1	37.146	37.154	37.154	-.001	-.086	-.0.0753	1.0000	1.0000
1	1	2	35.477	35.765	35.765	-.361	-.269	-1.9222	1.0000	1.0000
1	1	3	45.353	45.373	45.373	-.022	1.019	5.0507	1.0000	1.0000
1	1	4	12.372	11.501	11.501	1.332	1.712	5.9932	1.0000	1.0000
1	1	5	2.573	2.334	2.334	-.041	1.111	4.1037	1.0000	1.0000
1	1	6	1.009	1.734	1.734	-.060	0.264	-.3.153	1.0000	1.0000
1	1	7	8.070	8.236	8.236	1.182	0.706	5.3203	1.0000	1.0000
1	2	-7	10.603	11.381	11.381	-.242	-.734	-.6.1033	1.0000	1.0000
1	2	-6	20.419	11.276	11.276	4.885	-.7.797	-7.9192	1.0000	1.0000
1	2	-5	23.605	25.301	25.301	2.377	-.2.102	-.6.4805	1.0000	1.0000
1	2	-4	7.120	7.240	7.240	0.044	-.050	-.5.405	1.0000	1.0000
1	2	-3	21.514	22.505	22.505	1.190	-1.121	-5.4662	1.0000	1.0000
1	2	-2	9.845	10.002	10.002	-.039	-.431	-2.0190	1.0000	1.0000
1	2	-1	8.071	1.530	1.530	1.001	2.621	6.3537	1.0000	1.0000
1	2	0	20.100	28.607	28.607	2.116	-.0.09	-2.1494	1.0000	1.0000
1	2	1	15.000	16.312	16.312	1.197	-.0.09	-3.2092	1.0000	1.0000
1	2	2	5.053	5.975	5.975	-.4.543	-.0.02	-2.0785	1.0000	1.0000
1	2	3	37.524	36.663	36.663	-.427	4.701	3.2520	1.0000	1.0000
1	2	4	9.527	3.049	3.049	-.492	3.452	9.9209	1.0000	1.0000
1	2	5	25.041	23.473	23.473	-.350	1.365	6.9384	1.0000	1.0000
1	2	6	0.650	6.255	6.255	-.005	4.603	3.3072	1.0000	1.0000
1	2	7	1.107	1.465	1.465	-.060	0.224	-.7.004	1.0000	1.0000
1	3	-7	1.082	1.182	1.182	-.001	0.660	1.1176	1.0000	1.0000
1	3	-6	2.211	1.083	1.083	-.011	1.148	4.0293	1.0000	1.0000
1	3	-5	20.341	22.161	22.161	-.239	-1.060	-.9.2274	1.0000	1.0000
1	3	-4	32.137	26.053	26.053	-.420	-2.217	-13.7409	1.0000	1.0000
1	3	-3	32.201	34.723	34.723	-.292	-1.526	-7.2089	1.0000	1.0000
1	3	-2	3.801	3.092	3.092	-.034	-.400	2.4712	1.0000	1.0000
1	3	-1	3.431	3.939	3.939	-.047	-.473	-2.6252	1.0000	1.0000
1	3	0	46.537	44.481	44.481	-.030	-.525	-.3.3259	1.0000	1.0000
1	3	1	9.224	9.799	9.799	0.148	-.570	-.9.1762	1.0000	1.0000
1	3	2	17.621	18.206	18.206	-.148	-.502	-3.6013	1.0000	1.0000
1	3	3	2.809	2.107	2.107	-.002	0.317	1.2630	1.0000	1.0000
1	3	4	6.401	6.137	6.137	-.043	-.270	-2.3707	1.0000	1.0000
1	3	5	0.124	5.892	5.892	0.070	-.321	2.4981	1.0000	1.0000
1	3	6	9.360	8.173	8.173	1.123	1.188	9.9274	1.0000	1.0000
1	3	7	17.304	15.515	15.515	-.033	1.046	11.0263	1.0000	1.0000
1	4	-7	2.519	2.037	2.037	-.028	-.313	-1.2571	1.0000	1.0000
1	4	-6	10.636	17.723	17.723	-.267	-1.077	-6.5164	1.0000	1.0000
1	4	-5	0.513	1.324	1.324	0.031	-.471	-.6.7224	1.0000	1.0000
1	4	-4	17.009	18.596	18.596	0.102	-1.307	-9.0185	1.0000	1.0000

N	M	L	# POINTS	FIGURE	ACCURACY	DIGITACI	DELTA F	DELTA/SIGMA	EXT. FACTOR
1	4	-2	2457	74233	-2.233	-0.26	0.224	1.0223	1.0000
1	4	-2	44738	44467	-4.467	-0.29	0.208	1.5629	1.0000
1	4	-1	850	697	-0.096	0.13	0.783	1.2450	1.0000
1	4	0	1070	437	0.11	-0.150	0.93	0.7120	1.0000
1	4	1	26257	27465	27.764	0.161	0.472	2.2092	1.0000
1	4	2	121832	124707	124.705	0.759	-2.075	-13.5652	1.0000
1	4	3	22509	22970	-23.977	-0.159	-0.469	-1.0695	1.0000
1	4	4	7624	7809	-7.604	-0.079	-0.101	-1.6325	1.0000
1	4	5	1995	1926	-0.220	-0.023	0.073	0.953	1.0000
1	4	6	6074	5930	-1.430	0.070	0.146	0.8910	1.0000
1	4	7	15099	15299	19.999	-0.28	-0.000	-1.0000	1.0000
1	4	8	8046	6584	-1.462	0.122	-0.110	-0.9012	1.0000
1	4	9	19421	21379	21.958	0.362	-1.488	-0.2004	1.0000
1	4	10	25412	21577	-20.577	0.304	-2.005	-9.0256	1.0000
1	4	11	10408	11360	-11.239	-0.106	-0.202	-3.1695	1.0000
1	4	12	1377	1370	-0.070	0.010	-0.062	-0.0054	1.0000
1	4	13	17832	18175	18.175	-0.053	-0.059	-0.4054	1.0000
1	4	14	7403	24643	24.643	0.227	-1.73	-1.7927	1.0000
1	4	15	21231	2666	-2.646	0.067	-0.450	-1.7608	1.0000
1	4	16	13140	14097	14.097	0.120	-0.250	-2.5922	1.0000
1	4	17	2121	1776	-1.776	-0.076	0.038	3.0112	1.0000
1	4	18	39493	38195	-20.195	-0.432	1.000	4.5024	1.0000
1	4	19	12227	11237	-11.237	0.066	0.099	2.0000	1.0000
1	4	20	3024	3021	-0.021	0.030	0.014	2.0171	1.0000
1	4	21	4909	5277	5.277	-0.127	-0.209	-1.7124	1.0000
1	4	22	2793	30210	30.210	0.047	-0.417	-0.1000	1.0000
1	4	23	3798	4213	4.213	0.097	-0.359	-1.0946	1.0000
1	4	24	17093	16734	-16.734	-0.112	-0.742	-4.5920	1.0000
1	4	25	4091	5397	5.397	-0.110	-0.582	-0.7029	1.0000
1	4	26	22019	21791	-23.791	0.122	-1.172	-6.7024	1.0000
1	4	27	9220	7029	-7.012	-0.092	1.000	12.5532	1.0000
1	4	28	21917	22733	22.733	-0.135	-0.818	-4.4149	1.0000
1	4	29	9065	9063	-0.063	-0.025	-0.079	-0.7602	1.0000
1	4	30	21274	20499	-20.499	0.107	0.715	0.0070	1.0000
1	4	31	7035	10730	-1.730	-0.022	0.138	0.3312	1.0000
1	4	32	17591	10605	-6.985	-0.042	0.509	2.0277	1.0000
1	4	33	9477	9907	0.900	-0.206	-1.210	-7.0591	1.0000
1	4	34	0.077	9.907	9.907	-0.126	-0.310	-2.5065	1.0000
1	4	35	16991	15736	-15.736	0.230	-0.035	-2.9735	1.0000
1	4	36	15904	16253	16.253	-0.225	0.390	2.3414	1.0000
1	4	37	3032	4029	4.029	0.032	-0.032	-3.2672	1.0000
1	4	38	0.089	9.013	9.013	-0.151	-0.029	-0.2415	1.0000
1	4	39	11274	11120	-11.120	0.163	0.236	2.0665	1.0000
1	4	40	23369	22602	-23.602	0.536	0.946	1.0000	1.0000
1	4	41	4027	3092	-3.092	-0.218	0.260	1.6630	1.0000
1	4	42	2.325	2.314	-0.011	0.072	0.039	1.2588	1.0000
1	4	43	10427	0.782	-0.782	-0.110	0.031	6.4524	1.0000
1	4	44	6.775	6.782	0.007	0.137	-0.008	-0.0609	1.0000
1	4	45	21507	42472	42.472	0.275	-0.043	-6.4596	1.0000
1	4	46	7464	8126	0.126	-0.035	-0.472	-3.7609	1.0000
1	4	47	30013	32129	32.129	0.109	-1.512	-5.1016	1.0000
1	4	48	14253	14473	-14.473	-0.021	-0.470	-3.2890	1.0000

II	K	L	FIDDS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/DISPL	EXT. FACTOR
2	-7	1	6.524	6.106	0.103	.133	.420	3.4740	1.0000
2	-7	2	24.030	23.022	-23.420	.590	.590	2.1490	1.0000
2	-7	3	4.090	5.725	.5725	.604	.604	2.5669	1.0000
2	-7	4	6.795	0.132	0.132	.009	.674	4.7654	1.0000
2	-7	5	10.149	9.442	-9.442	.124	.707	5.7411	1.0000
2	-6	6	3.118	2.099	-2.099	.004	.219	1.0056	1.0000
2	-6	7	2.639	2.116	-2.116	.119	.373	2.1597	1.0000
2	-6	8	8.124	8.199	-0.199	.144	.076	.4097	1.0000
2	-6	9	20.509	20.589	20.589	.408	.130	.1206	1.0000
2	-6	10	2.067	2.132	2.132	.543	.175	.6314	1.0000
2	-6	11	24.850	24.294	-24.294	.610	.597	2.4023	1.0000
2	-6	12	20.410	10.019	-10.019	.230	1.791	10.7339	1.0000
2	-6	13	6.440	5.979	-5.979	.156	.661	3.4185	1.0000
2	-6	14	8.013	7.656	-7.656	.116	.357	3.0437	1.0000
2	-6	15	8.072	8.584	8.584	.176	.036	.2482	1.0000
2	-6	16	7.621	7.262	-7.262	.107	2.0164	2.0164	1.0000
2	-6	17	11.057	11.277	11.277	.122	.279	2.0951	1.0000
2	-6	18	7.413	6.776	-6.776	.122	.279	2.0951	1.0000
2	-6	19	20.764	21.506	21.506	.635	.635	4.0750	1.0000
2	-6	20	11.165	11.917	11.917	.665	.634	3.8700	1.0000
2	-6	21	20.075	21.126	21.126	.118	.732	4.1274	1.0000
2	-6	22	1.408	1.082	-1.082	.294	1.002	1.0000	1.0000
2	-6	23	1.900	1.530	-1.530	.649	1.436	3.0634	1.0000
2	-6	24	16.376	16.264	-16.264	.094	.686	3.4634	1.0000
2	-6	25	45.805	49.076	49.076	.010	.320	1.3224	1.0000
2	-6	26	10.720	10.137	-10.137	.582	.682	3.4634	1.0000
2	-6	27	53.741	52.905	-52.905	.837	.427	1.7520	1.0000
2	-6	28	20.938	20.696	-20.696	.241	.471	2.5064	1.0000
2	-6	29	12.268	11.471	-11.471	.785	.617	3.1205	1.0000
2	-6	30	27.720	26.000	-26.000	.729	1.650	5.9234	1.0000
2	-6	31	9.140	8.946	-8.946	.194	.294	2.5920	1.0000
2	-6	32	10.151	9.144	-9.144	.102	.697	4.0835	1.0000
2	-6	33	1.821	2.203	2.203	.005	.672	1.0430	1.0000
2	-6	34	19.775	23.321	23.321	.344	.972	3.4170	1.0000
2	-6	35	19.396	16.523	-16.523	.118	1.139	1.1390	1.0000
2	-6	36	44.607	40.279	-40.279	.400	3.013	1.0000	1.0000
2	-6	37	16.271	16.528	16.528	.258	1.258	1.2580	1.0000
2	-6	38	40.737	41.178	41.178	.410	.302	1.0000	1.0000
2	-6	39	2.594	1.317	-1.317	.052	1.277	1.0000	1.0000
2	-6	40	22.202	21.011	-21.011	.166	.591	1.0000	1.0000
2	-6	41	13.564	13.793	13.793	.209	1.5043	1.0000	1.0000
2	-6	42	20.711	9.885	-9.885	.044	.622	3.6007	1.0000
2	-6	43	10.034	15.411	15.411	.112	.623	3.6257	1.0000
2	-6	44	1.324	2.603	2.603	.134	.078	1.0000	1.0000
2	-6	45	11.666	11.413	-11.413	.258	.452	3.6686	1.0000
2	-6	46	41.946	50.440	50.440	.097	2.280	10.4090	1.0000
2	-6	47	10.607	9.449	-9.449	.584	1.106	0.4561	1.0000
2	-6	48	9.326	9.001	-9.001	.211	1.325	5.5537	1.0000
2	-6	49	1.914	2.160	2.160	.026	.245	1.7307	1.0000
2	-6	50	17.447	18.206	18.206	.009	.570	1.0000	1.0000
2	-6	51	26.595	10.549	-10.549	.200	1.0000	1.0000	1.0000
2	-6	52	4.524	24.936	24.936	.330	1.342	1.0000	1.0000
2	-6	53	4.524	4.946	4.946	.205	1.0000	1.0000	1.0000

H	K	L	F(0KLS)	F(CALCI)	A(0KLS)	A(CALCI)	DELTA F	DELTA/SIGMA	EXT. FACTOR
2	-3	-1	23.802	24.925	-24.925	-1.312	-6.1256	1.0000	
2	-3	0	60.715	60.409	-60.409	.306	1.6776	1.0000	
2	-3	1	3.463	2.010	2.030	.456	2.6008	1.0000	
2	-3	2	2.714	2.611	-2.611	.002	.0076	1.0000	
2	-3	3	24.440	23.451	23.450	.989	4.1737	1.0000	
2	-3	4	14.901	13.663	-13.661	1.238	3.7462	1.0000	
2	-3	5	2.460	1.461	1.461	.015	.2254	1.0000	
2	-3	6	12.070	11.175	-11.174	.895	4.3303	1.0000	
2	-3	7	4.172	3.692	-3.692	.480	2.6265	1.0000	
2	-3	8	9.638	8.968	-8.968	.670	2.7269	1.0000	
2	-3	9	2.922	1.808	-1.808	.325	2.5805	1.0000	
2	-3	10	14.013	14.810	-14.809	.797	-5.7316	1.0000	
2	-3	11	16.787	16.045	-16.045	.742	-3.4602	1.0000	
2	-3	12	10.636	20.064	-20.063	.571	4.1285	1.0000	
2	-3	13	13.763	13.972	-13.971	.100	1.2514	1.0000	
2	-3	14	8.427	7.527	7.526	.901	4.1291	1.0000	
2	-3	15	31.719	30.882	-30.882	.836	5.1291	1.0000	
2	-3	16	24.712	23.945	-23.943	.768	1.4405	1.0000	
2	-3	17	10.468	10.892	-10.890	.413	4.8722	1.0000	
2	-3	18	17.148	15.601	-15.601	.547	6.4642	1.0000	
2	-3	19	8.336	9.364	-9.363	.342	-2.0002	1.0000	
2	-3	20	8.391	7.741	7.739	.652	5.9959	1.0000	
2	-3	21	10.039	17.927	-17.926	.012	4.9115	1.0000	
2	-3	22	1.323	7.062	-7.061	.296	3.4491	1.0000	
2	-3	23	1.020	1.120	-1.120	.110	1.6319	1.0000	
2	-3	24	12.760	13.493	-13.492	.732	-5.4296	1.0000	
2	-3	25	13.957	13.955	-13.956	.002	-2.1066	1.0000	
2	-3	26	7.049	6.896	-6.896	.153	1.7531	1.0000	
2	-3	27	16.386	17.669	-17.668	.283	3.2061	1.0000	
2	-3	28	02.302	63.510	-63.510	.513	-7.9182	1.0000	
2	-3	29	38.510	39.608	-39.607	.300	-6.2049	1.0000	
2	-3	30	10.739	10.979	-10.979	.070	3.4986	1.0000	
2	-3	31	56.190	50.312	-50.310	.879	4.4986	1.0000	
2	-3	32	28.036	27.663	-27.662	.373	-4.7998	1.0000	
2	-3	33	6.401	5.617	-5.617	.784	6.3466	1.0000	
2	-3	34	2.370	1.833	1.833	.535	1.9666	1.0000	
2	-3	35	23.132	21.905	-21.903	.227	6.1927	1.0000	
2	-3	36	22.700	22.093	-22.093	.607	3.9379	1.0000	
2	-3	37	11.639	11.165	-11.162	.271	2.2695	1.0000	
2	-3	38	2.141	1.177	-1.177	.963	2.8808	1.0000	
2	-3	39	5.697	5.669	-5.669	.028	1.0000	1.0000	
2	-3	40	6.497	6.747	-6.747	.251	-2.3419	1.0000	
2	-3	41	2.673	2.093	-2.093	.580	-3.7820	1.0000	
2	-3	42	10.467	10.433	-10.433	.034	.2914	1.0000	
2	-3	43	29.663	30.516	-30.515	.853	-4.9926	1.0000	
2	-3	44	4.108	6.163	-6.163	.041	-2.9692	1.0000	
2	-3	45	73.369	71.923	-71.923	.446	9.4077	1.0000	
2	-3	46	10.836	10.904	-10.904	.068	-0.0661	1.0000	
2	-3	47	112.372	113.604	-113.603	.167	-6.7263	1.0000	
2	-3	48	14.069	13.766	-13.765	.303	1.4922	1.0000	
2	-3	49	20.723	19.772	-19.769	.951	5.2147	1.0000	
2	-3	50	1.992	1.192	-1.192	.801	2.5704	1.0000	
2	-3	51	1.866	.370	.369	.027	3.8796	1.0000	

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H	K	L	F(000)	F(CALC)	A(CALC)	SCALING	BETA P	DELTA SIGMA	EXT. FACTOR
2	0	1	1.007	2.020	-2.519	-0.646	-1.422	-0.623	1.0000
2	1	-1	1.977	0.175	-0.175	0.017	1.791	4.8210	1.0000
2	1	0	14.270	14.788	-14.787	-0.209	-0.619	-2.9110	1.0000
2	1	-1	12.851	19.203	19.203	0.111	-1.653	-0.7363	1.0000
2	1	0	10.937	12.193	-12.192	-0.017	-1.176	-0.3066	1.0000
2	1	-1	25.812	21.145	-20.162	-0.379	-1.322	-0.2195	1.0000
2	1	0	42.898	64.286	-44.305	-0.377	-1.505	-2.9448	1.0000
2	1	-1	53.405	65.106	65.106	0.431	-1.801	-18.6955	1.0000
2	1	0	12.209	12.594	-12.593	-1.02	-1.205	-1.2309	1.0000
2	1	1	4.733	4.991	4.991	-0.53	-2.259	-1.3203	1.0000
2	1	2	2.063	1.762	1.760	0.02	1.120	4.7493	1.0000
2	1	3	18.975	28.654	-28.652	-0.272	-0.220	-2.2151	1.0000
2	1	4	4.460	3.716	3.716	0.070	1.124	4.8130	1.0000
2	1	5	30.106	36.016	36.016	0.209	0.920	-32.67	1.0000
2	1	6	25.909	25.068	-25.068	-0.566	0.624	1.8590	1.0000
2	1	7	9.892	2.677	2.677	-0.287	-0.536	1.0771	1.0000
2	1	8	9.232	5.769	5.769	0.111	-0.957	-3.7074	1.0000
2	1	9	4.656	4.597	4.597	0.031	1.139	0.117	1.0000
2	1	10	2.875	2.501	2.500	-0.54	-0.624	2.1444	1.0000
2	1	11	16.044	16.587	-16.587	-1.150	-0.821	-9.1707	1.0000
2	1	12	11.703	12.459	-12.458	-0.160	-0.565	-2.7073	1.0000
2	1	13	0.099	0.181	0.179	0.175	-0.633	-0.0759	1.0000
2	1	14	10.730	31.267	-22.254	-0.293	-1.452	-0.6032	1.0000
2	1	15	27.095	32.510	-32.506	-0.405	4.105	27.2821	1.0000
2	1	16	39.015	30.625	-30.623	-0.403	-7.752	-6.1854	1.0000
2	1	17	26.032	20.076	20.076	1.116	-2.34	1.6063	1.0000
2	1	18	2.741	2.030	2.029	0.090	-1.109	-0.6826	1.0000
2	1	19	0.604	0.079	0.079	0.011	0.025	2.2761	1.0000
2	1	20	15.836	15.021	15.021	0.202	-0.071	-0.8301	1.0000
2	1	21	15.494	15.941	15.941	0.53	0.14	5.12250	1.0000
2	1	22	2.634	2.380	-2.380	-0.44	-0.539	-2.5812	1.0000
2	1	23	0.165	0.528	-0.528	-0.69	-2.72	1.0610	1.0000
2	1	24	10.723	30.076	30.076	0.011	-0.565	-3.5349	1.0000
2	1	25	20.925	21.430	-21.449	-0.180	-2.154	-0.7197	1.0000
2	1	26	10.612	10.922	10.922	0.079	-0.695	-3.0557	1.0000
2	1	27	3.245	2.021	-2.021	-0.095	-0.340	-2.5911	1.0000
2	1	28	13.053	13.576	-13.576	-0.095	0.423	2.0517	1.0000
2	1	29	0.821	1.026	-1.026	-0.698	0.117	0.7276	1.0000
2	1	30	20.466	10.823	-10.823	-0.007	-1.705	-1.0729	1.0000
2	1	31	10.260	20.107	20.107	0.673	0.224	1.0524	1.0000
2	1	32	26.459	27.871	-27.863	-0.055	-0.076	-0.6009	1.0000
2	1	33	11.661	11.895	-11.893	-0.560	0.989	2.1170	1.0000
2	1	34	3.667	2.410	-2.460	-0.39	-0.592	-0.6334	1.0000
2	1	35	3.448	2.957	2.957	0.039	0.992	2.0133	1.0000
2	1	36	2.566	2.957	-2.956	-0.027	0.402	1.0979	1.0000
2	1	37	4.106	1.773	1.776	0.016	0.730	2.6130	1.0000
2	1	38	0.644	0.605	0.605	0.090	-0.613	-2.9350	1.0000
2	1	39	22.076	24.932	-24.932	-0.117	-0.440	-0.6608	1.0000
2	1	40	11.617	120.460	-120.463	-0.157	-2.037	-8.4323	1.0000
2	1	41	31.945	32.228	32.228	0.162	-1.6750	-69.5900	1.0000
2	1	42	17.064	17.182	17.182	0.16	-0.283	-2.5496	1.0000
2	1	43	2.533	2.309	-2.306	0.013	1.025	5.2039	1.0000

H	K	L	F(000)	F(CALC)	Δ(CALC)	Δ(CALC)	DELTA F	DELTA/F(SIGMA)	EXT. FACTOR
2	4	2	4.941	1.834	-1.039	-0.041	-0.093	-1.2276	1.0000
2	4	2	4.492	4.792	-0.4701	-0.080	0.103	0.7220	1.0000
2	4	0	12.127	12.190	-12.193	-0.266	-0.029	-0.2361	1.0000
2	4	0	11.678	11.731	-11.730	0.128	0.147	1.3120	1.0000
2	4	0	10.301	10.165	10.163	0.309	0.717	4.9024	1.0000
2	5	0	7.690	7.732	-7.731	-0.082	-0.054	-0.4160	1.0000
2	5	0	5.905	6.036	-6.036	0.078	-0.128	-0.1982	1.0000
2	5	0	10.308	10.740	-10.739	-0.135	-0.631	-0.61591	1.0000
2	5	0	1.655	1.121	-1.121	-0.090	-0.432	-3.14495	1.0000
2	5	0	4.247	6.180	-6.183	-0.057	-0.320	-3.5121	1.0000
2	5	0	2.129	2.504	-2.504	0.049	-0.290	-0.1276	1.0000
2	5	0	4.404	4.456	-4.456	0.437	-1.2372	-6.0912	1.0000
2	5	0	11.202	11.930	-11.928	-0.087	-0.720	-6.0297	1.0000
2	5	0	2.696	2.389	2.389	-0.014	0.316	1.67119	1.0000
2	5	0	22.030	22.483	-22.482	0.258	0.365	1.90000	1.0000
2	5	0	2.009	6.900	-6.902	0.182	0.165	1.4311	1.0000
2	5	0	15.652	10.577	-10.570	-0.202	0.279	0.83940	1.0000
2	5	0	5.049	6.900	-6.900	-0.023	0.501	2.2840	1.0000
2	5	0	14.061	17.096	-17.096	-0.193	-0.033	-0.0934	1.0000
2	5	0	11.701	12.449	-12.449	0.592	-0.740	-0.61246	1.0000
2	5	0	19.909	20.309	-20.309	0.163	-0.490	-2.4299	1.0000
2	5	0	0.129	0.609	-0.609	0.023	-0.430	-0.0177	1.0000
2	5	0	21.431	22.245	-22.245	-0.192	-0.294	-0.7131	1.0000
2	5	0	2.757	2.730	2.730	-0.005	0.047	0.2207	1.0000
2	5	0	6.967	6.085	6.085	0.085	0.032	0.714	1.0000
2	5	0	17.749	17.676	-17.676	0.141	0.022	0.6735	1.0000
2	5	0	2.752	2.630	2.630	0.034	0.260	0.5260	1.0000
2	5	0	4.739	4.232	4.232	-0.110	0.005	2.6571	1.0000
2	5	0	20.121	21.200	-21.200	-0.391	0.052	0.2577	1.0000
2	5	0	1.940	1.711	-1.711	-0.620	-1.172	-4.2575	1.0000
2	5	0	6.646	6.691	-6.691	0.110	-0.065	-0.2860	1.0000
2	5	0	9.220	9.395	-9.395	0.175	-0.175	-1.5245	1.0000
2	5	0	31.137	31.556	-31.556	-0.496	-0.076	-2.0577	1.0000
2	5	0	10.115	10.180	-10.180	-0.259	-0.074	-0.6701	1.0000
2	5	0	6.389	6.661	-6.661	0.066	0.127	2.4970	1.0000
2	5	0	5.691	5.400	5.400	-0.064	-0.130	-1.18000	1.0000
2	5	0	19.156	18.629	-18.629	-0.196	0.27	2.5506	1.0000
2	5	0	1.480	1.901	-1.901	0.052	-0.07	0.7101	1.0000
2	5	0	9.786	9.784	-9.784	0.001	0.022	0.1099	1.0000
2	5	0	12.092	12.038	-12.038	-0.225	-0.566	-4.0400	1.0000
2	5	0	1.030	2.370	-2.370	0.113	-0.940	-1.2949	1.0000
2	5	0	5.015	7.024	-7.024	0.042	0.100	1.1453	1.0000
2	5	0	4.931	4.656	-4.656	-0.079	0.215	1.0212	1.0000
2	5	0	4.426	5.430	-5.430	0.034	0.016	0.0023	1.0000
2	5	0	5.861	5.982	-5.982	0.011	-0.101	-0.6871	1.0000
2	5	0	2.020	2.769	-2.769	-0.143	-0.449	-1.1463	1.0000
2	5	0	14.572	14.110	14.110	0.203	0.556	3.5236	1.0000
2	5	0	23.621	24.009	-24.009	0.347	-0.327	-1.3809	1.0000
2	5	0	13.892	13.004	13.004	0.108	-0.214	-1.5700	1.0000
2	5	0	8.714	8.702	-8.702	-0.167	-0.010	-0.5815	1.0000
2	5	0	2.400	7.131	-7.131	-0.051	0.356	2.4490	1.0000
2	5	0	6.266	5.946	-5.946	-0.016	0.322	1.9900	1.0000
2	5	0	16.994	16.389	-16.389	-0.236	0.369	2.44927	1.0000

N	M	L	F(0001)	F(0001)	MICALC1	FICALC1	DELTA F	DELTA/SYEM	EXT. FACTOR
3	-11	-1	1.452	1.024	1.023	0.016	.420	.6327	1.0000
3	-11	0	6.112	6.117	0.117	.219	-.035	-.209	1.0000
3	-11	1	4.385	4.324	-.432	-.113	.061	.245	1.0000
3	-10	-5	12.249	12.086	12.086	.163	.163	1.3245	1.6000
3	-10	-2	12.050	12.050	12.050	.157	-.546	-.3760	1.0000
3	-10	-1	9.597	9.493	-.943	-.004	.104	.4015	1.4000
3	-10	0	2.802	3.092	-.289	.005	-.234	-.7051	1.0000
3	-10	1	11.016	13.100	13.100	.103	.510	2.4509	1.0000
3	-10	2	1.162	1.852	1.852	.413	-.790	-.0550	1.0000
3	-10	3	6.561	6.105	-.664	-.102	-.345	-.0550	1.0000
3	-10	4	7.231	6.813	-.613	-.067	.501	2.0337	1.0000
3	-9	-4	1.030	1.075	1.075	-.012	-.005	.0071	1.0000
3	-9	-3	11.424	17.463	17.463	-.127	-.043	-.2471	1.0000
3	-9	-2	2.032	1.244	1.244	.073	.465	1.5035	1.0000
3	-9	-1	6.870	0.225	0.225	.073	.055	.4562	1.0000
3	-9	0	3.039	2.455	2.455	.425	.501	2.0030	1.0000
3	-9	1	22.544	22.153	-.222	-.269	.330	2.0166	1.0000
3	-9	2	25.110	24.322	-.436	-.301	.109	5.2032	1.0000
3	-9	3	19.017	18.600	-.180	-.061	1.217	5.3274	1.0000
3	-9	4	14.008	16.074	16.074	.155	-.016	-.4136	1.0000
3	-8	-5	47.815	47.993	47.993	-.058	-.660	-.1536	1.0000
3	-8	-2	20.112	20.500	20.500	-.282	-.042	-.2231	1.0000
3	-8	-1	1.274	1.362	1.362	.035	-.121	-.2120	1.0000
3	-8	0	6.870	6.450	6.450	.030	-.165	-.1232	1.0000
3	-8	1	18.070	15.397	15.397	-.821	.420	1.1772	1.0000
3	-8	2	18.063	18.146	18.146	.270	.473	2.0535	1.0000
3	-8	3	3.050	3.512	3.512	-.230	.300	2.1147	1.0000
3	-8	4	22.072	21.175	-.210	-.105	.566	2.5514	1.0000
3	-8	5	4.923	2.229	2.229	.329	1.316	4.6001	1.0000
3	-7	-5	4.204	4.050	4.050	.450	.596	1.6939	1.0000
3	-7	-4	1.024	.737	.737	-.039	.334	1.6001	1.0000
3	-7	-3	3.526	3.517	3.517	.018	1.117	2.6278	1.0000
3	-7	-2	1.582	1.572	1.572	.003	.911	1.4693	1.0000
3	-7	-1	22.076	23.107	23.107	-.020	-.113	-.2209	1.0000
3	-7	0	9.423	9.748	9.748	.260	-.430	-.2357	1.0000
3	-7	1	7.074	6.295	-.629	.086	.526	-.6376	1.0000
3	-7	2	11.072	11.098	11.098	-.008	-.721	-.6523	1.0000
3	-7	3	36.193	36.125	36.125	.213	.344	2.7955	1.0000
3	-7	4	16.017	16.140	16.140	.628	2.356	2.3564	1.0000
3	-7	5	1.063	1.063	1.063	-.271	.613	9.2834	1.0000
3	-7	6	3.158	3.060	-.098	.006	.725	.4951	1.0000
3	-7	7	4.693	5.218	5.218	-.032	-.217	-.1032	1.0000
3	-7	8	20.592	21.504	21.504	.420	-.580	-.2942	1.0000
3	-7	9	11.700	12.105	12.105	.107	-.401	-.3260	1.0000
3	-6	-5	5.000	5.098	5.098	-.005	-.255	-.2217	1.0000
3	-6	-4	9.600	9.744	9.744	-.003	-.095	-.0697	1.0000
3	-6	-3	17.089	17.104	17.104	-.103	.103	.7416	1.0000
3	-6	-2	19.958	19.968	19.968	.012	-.012	-.0660	1.0000
3	-6	-1	9.502	9.497	-.005	.026	-.019	-.1560	1.0000
3	-6	0	20.114	27.720	27.720	-.252	.306	1.2074	1.0000
3	-6	1	16.268	15.929	-.150	-.579	.240	2.0566	1.0000

H	K	L	F(000)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA(SIGMA)	EXT. FACTORS
0	0	0	21.295	20.232	20.231	.152	1.003	5.3304	1.0000
0	0	0	1.160	1.445	-1.440	.032	-2.269	-3.686	1.0000
0	0	0	1.112	.637	-1.637	.005	.475	.5995	1.0000
0	0	0	0.089	0.078	-0.078	.003	.010	.0018	1.0000
0	0	0	10.948	21.543	21.342	.236	-1.395	-7.7693	1.0000
0	0	0	9.677	9.302	-9.650	.367	-1.105	-1.6744	1.0000
0	0	0	66.460	48.220	-48.225	.060	-1.027	-7.5250	1.0000
0	0	0	15.274	15.281	-15.270	.123	.423	.6364	1.0000
0	0	0	3.305	2.072	-2.068	.244	.433	0.0604	1.0000
0	0	0	52.271	21.464	-21.510	.635	.405	3.7302	1.0000
0	0	0	22.705	22.510	-23.510	.413	.4193	0.0101	1.0000
0	0	0	7.216	6.935	-6.935	.002	.000	0.1350	1.0000
0	0	0	1.546	1.543	-1.543	.002	.000	0.1350	1.0000
0	0	0	8.176	7.520	-7.520	.062	.057	5.7076	1.0000
0	0	0	2.902	2.583	-2.582	.068	.235	.7212	1.0000
0	0	0	8.083	8.153	-8.152	.000	.250	2.0547	1.0000
0	0	0	7.743	8.216	-8.215	.477	.572	-3.2913	1.0000
0	0	0	20.152	20.159	-20.157	.002	.000	0.000	1.0000
0	0	0	.527	1.037	-1.030	.503	-2.000	-1.0200	1.0000
0	0	0	0.590	0.127	-0.127	.148	.423	-2.4723	1.0000
0	0	0	12.696	16.275	16.274	.144	-4.170	-3.0931	1.0000
0	0	0	1.509	1.274	-1.274	.002	.415	3.2830	1.0000
0	0	0	10.016	5.009	-5.009	.002	.000	0.0000	1.0000
0	0	0	2.191	3.792	-3.792	.112	-6.02	-1.1120	1.0000
0	0	0	25.264	26.090	-26.089	.112	3.174	5.3074	1.0000
0	0	0	12.113	13.707	-13.705	.403	-10.795	-0.93624	1.0000
0	0	0	51.023	22.479	-22.479	.103	.145	0.5932	1.0000
0	0	0	11.621	11.613	-11.613	.002	.000	0.000	1.0000
0	0	0	13.666	12.742	-12.742	.022	.444	0.9211	1.0000
0	0	0	2.109	4.237	-4.237	.214	.433	1.6001	1.0000
0	0	0	9.934	9.105	-9.105	.078	.120	0.3990	1.0000
0	0	0	1.009	1.009	-1.009	.000	.000	0.0000	1.0000
0	0	0	5.221	6.031	-6.031	.415	3.922	1.6000	1.0000
0	0	0	34.076	36.560	-36.560	.000	.000	0.0000	1.0000
0	0	0	22.277	20.540	-20.540	.415	-6.9127	-1.0000	1.0000
0	0	0	12.406	12.290	-12.290	.104	.8076	1.0000	1.0000
0	0	0	11.455	11.741	-11.741	.275	-1.9418	-1.0000	1.0000
0	0	0	19.024	18.683	-18.683	.379	4.6916	1.0000	1.0000
0	0	0	9.739	9.443	-9.443	.017	0.7682	1.0000	1.0000
0	0	0	10.681	10.654	-10.654	.010	.4400	1.0000	1.0000
0	0	0	7.151	6.709	-6.709	.062	.6362	2.9513	1.0000
0	0	0	20.476	20.996	-20.996	.516	1.6712	3.8329	1.0000
0	0	0	17.537	16.691	-16.691	.845	0.405	9.6306	1.0000
0	0	0	4.045	3.795	-3.795	.069	.331	1.5903	1.0000
0	0	0	7.450	7.370	-7.370	.083	.000	0.0000	1.0000
0	0	0	0.189	0.210	-0.210	.078	.620	-1.2426	1.0000
0	0	0	7.802	7.822	-7.822	.107	.019	1.0000	1.0000
0	0	0	16.072	16.752	-16.752	.112	-6.81	-4.6692	1.0000
0	0	0	18.172	18.147	-18.144	.215	.025	1.597	1.0000
0	0	0	5.940	5.159	-5.159	.130	-3.02	-2.1027	1.0000
0	0	0	26.064	26.756	-26.756	.634	-4.659	-3.7845	1.0000
0	0	0	30.596	36.910	-36.910	.472	4.680	27.0063	1.0000
0	0	0	20.626	20.799	-20.799	.166	.027	0.1505	1.0000

N	K	L	F(005)	F(CMCL)	ALCALD	F(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
9	-2	1	35.443	34.742	-31.742	-109	4700	3.2396	1.0000
9	-2	3	13.443	12.672	12.672	203	4013	9.7609	1.0000
9	-2	8	2.090	2.000	2.000	043	-040	-040	1.0000
9	-2	9	2.577	3.222	3.222	056	-056	-056	1.0000
9	-2	6	10.919	10.292	-10.292	-119	6222	5.4060	1.0000
9	-1	7	9.167	9.500	-9.500	025	-025	-2.7076	1.0000
9	-1	5	20.994	29.753	-29.750	-411	-7759	-2.4522	1.0000
9	-1	5	20.963	32.108	-32.107	-259	-1.145	-4.4779	1.0000
9	-1	4	30.908	30.008	-11.008	-078	-078	-2.4477	1.0000
9	-1	9	49.161	49.643	49.642	275	-402	-2.6102	1.0000
9	-1	2	16.754	16.607	-16.605	-147	149	7.223	1.0000
9	-1	1	6.264	6.925	6.528	063	-145	-4.9260	1.0000
9	-1	0	43.023	41.940	-41.947	-065	-918	3.2016	1.0000
9	-1	2	62.020	62.804	42.833	206	1.075	6.0025	1.0000
9	-1	1	36.259	34.945	34.943	064	1.006	5.4329	1.0000
9	-1	4	7.293	7.024	7.023	001	001	5.4222	1.0000
9	-1	4	25.474	15.244	-15.244	-197	529	2.1480	1.0000
9	-1	0	13.896	13.465	13.464	144	431	5.0763	1.0000
9	-1	0	7.442	7.250	7.258	000	000	4.0550	1.0000
9	-1	0	9.472	9.477	-9.476	-176	005	-0.0517	1.0000
9	-1	0	2.035	3.114	3.114	006	099	2.4230	1.0000
9	-1	0	36.982	37.686	27.686	008	-1.134	-0.0209	1.0000
9	-1	0	7.880	2.525	-2.524	-020	368	1.7497	1.0000
9	-1	0	102.673	112.365	112.364	070	-9.491	-2.6007	1.0000
9	-1	0	4.098	4.571	-4.571	-017	025	2.0165	1.0000
9	-1	0	20.428	22.007	22.003	002	002	0.0951	1.0000
9	-1	0	8.522	8.221	-8.221	-012	002	0.0951	1.0000
9	-1	0	11.024	10.909	-10.909	-408	004	4.5915	1.0000
9	-1	0	1.024	1.134	-1.134	033	008	1.3727	1.0000
9	-1	0	2.542	2.817	2.817	058	725	3.4769	1.0000
9	-1	0	19.614	19.736	-19.735	-110	-110	-6.106	1.0000
9	-1	0	3.748	3.591	3.598	459	197	0.092	1.0000
9	-1	1	9.123	9.702	7.326	072	025	-2.1035	1.0000
9	-1	1	21.901	22.708	22.704	200	-607	-9.4744	1.0000
9	-1	1	23.164	23.914	-23.912	-347	-347	-1.0420	1.0000
9	-1	1	5.263	5.192	5.192	046	110	0.933	1.0000
9	-1	1	5.549	5.724	-5.124	-007	-010	-1.0145	1.0000
9	-1	1	9.247	9.266	-9.186	-211	080	0.5928	1.0000
9	-1	1	40.040	40.040	40.038	347	-406	-0.0519	1.0000
9	-1	1	4.064	3.213	-3.213	-002	091	5.5376	1.0000
9	-1	1	39.052	50.709	-50.702	-446	349	1.0929	1.0000
9	-1	2	49.682	40.916	-40.914	-532	-035	-0.1679	1.0000
9	-1	1	1.115	1.097	-1.094	077	078	1.692	1.0000
9	-1	1	0.803	9.014	9.013	076	-021	-2.0705	1.0000
9	-1	1	16.522	19.256	15.256	153	-434	-2.3017	1.0000
9	-1	1	13.924	14.977	-14.975	-234	-234	-2.1536	1.0000
9	-1	1	6.091	6.331	6.330	124	-240	-1.9161	1.0000
9	-1	1	8.935	9.242	-9.240	-170	-307	-2.8319	1.0000
9	-1	1	13.693	13.433	-13.431	-250	334	2.0494	1.0000
9	-1	1	4.955	6.523	6.523	038	-386	-1.5500	1.0000
9	-1	1	18.832	16.960	-16.958	300	-128	-0.7809	1.0000
9	-1	1	30.049	30.096	-30.096	-186	-647	-3.2032	1.0000

H	K	L	FICR01	FICR02	FICR03	DELTA F	DELTA SIGMA	EXT. FACTOR
3	2	-1	4.804	5.223	-5.222	-1.009	-2.562	1.0000
3	2	0	*.504	1.922	1.922	.058	-4.924	1.0000
3	2	1	9.285	9.170	-9.170	-0.078	.115	1.0000
3	2	2	27.074	27.093	-27.093	-.002	-4.768	1.0000
3	2	3	28.091	27.064	27.064	.975	9.123	1.0000
3	2	4	5.335	5.042	5.042	.169	1.9805	1.0000
3	2	5	6.437	6.502	-6.502	-0.139	-4.562	1.0000
3	2	6	2.469	1.958	-1.957	-.001	4.717	1.0000
3	2	7	32.190	31.393	31.393	.729	-1.195	1.0000
3	2	8	3.172	1.727	-1.727	-.012	5.561	1.0000
3	2	9	1.563	1.408	1.408	.015	.163	1.0000
3	2	0	9.264	9.506	9.505	.240	-3.823	1.0000
3	2	1	5.242	5.830	-5.830	-.005	4.7254	1.0000
3	2	2	5.765	2.761	2.761	-.014	4.9504	1.0000
3	2	3	*.918	*.756	*.756	.009	.2673	1.0000
3	2	4	60.722	41.046	41.044	.462	-1.5027	1.0000
3	2	5	22.606	22.903	22.902	-.002	4.258	1.0000
3	2	6	3.600	4.843	4.843	-.058	-3.5947	1.0000
3	2	7	15.953	15.821	-15.819	-.002	1.72	1.0000
3	2	8	19.229	19.338	19.335	.001	7.554	1.0000
3	2	9	7.422	7.511	-7.510	-.009	6.546	1.0000
3	2	0	5.151	5.286	5.294	.134	-4.6924	1.0000
3	2	1	10.442	10.705	10.705	.107	1.6958	1.0000
3	2	2	52.649	54.335	54.332	.543	-5.0159	1.0000
3	2	3	14.695	15.404	-15.404	-.002	4.9102	1.0000
3	2	4	10.335	10.973	-10.973	-.009	5.5447	1.0000
3	2	5	3.134	3.166	3.164	-.002	6.600	1.0000
3	2	6	4.561	4.622	-4.622	-.002	4.447	1.0000
3	2	7	2.330	2.315	2.315	.014	4.958	1.0000
3	2	8	26.004	24.361	24.359	.002	3.4219	1.0000
3	2	9	10.089	17.095	-17.094	-.002	4.54	1.0000
3	2	0	39.707	40.114	-40.114	-.007	2.7650	1.0000
3	2	1	14.650	14.649	-14.648	-.001	2.0519	1.0000
3	2	2	25.664	24.670	24.678	-.002	6.138	1.0000
3	2	3	12.907	14.272	14.273	.423	3.6138	1.0000
3	2	4	2.296	*.835	*.833	.005	-2.1348	1.0000
3	2	5	1.054	1.204	1.204	-.030	4.2937	1.0000
3	2	6	21.600	22.104	-22.102	-.005	2.931	1.0000
3	2	7	3.038	3.473	3.473	.014	-4.838	1.0000
3	2	8	10.142	10.514	-10.514	-.005	3.64	1.0000
3	2	9	25.343	23.766	23.764	-.002	3.372	1.0000
3	2	0	10.457	10.512	-10.510	-.006	1.5949	1.0000
3	2	1	34.014	34.032	34.031	.001	4.9022	1.0000
3	2	2	19.996	19.986	-19.984	-.002	6.0725	1.0000
3	2	3	4.700	4.767	4.766	.006	6.0751	1.0000
3	2	4	7.024	*.863	*.863	.005	-3.949	1.0000
3	2	5	4.686	5.076	-5.076	-.005	1.121	1.0000
3	2	6	2.504	1.618	-1.618	-.015	2.8006	1.0000
3	2	7	11.617	12.093	12.093	.471	-2.5635	1.0000
3	2	8	3.508	1.488	-1.488	-.023	4.9302	1.0000
3	2	9	*.996	1.487	-1.487	-.002	6.556	1.0000
3	2	0	17.196	17.208	-17.207	-.001	7.522	1.0000
3	2	1	5.053	5.693	-5.693	-.070	6.124	1.0000
3	2	2					1.2036	1.0000

H	K	L	THETA	FCALCD	ACALCD	MCALCD	DELTA F	DELTA/STDEV	EXT.	FACTOR
5	1	0	4.608	2.6899	2.6776	.169	.729	4.7020	1.0000	
3	6	1	27.139	27.273	27.2710	.437	-.075	4.2629	1.0000	
3	0	2	1.004	.617	-.7712	.259	.190	4.2646	1.0000	
2	7	3	16.648	16.646	-14.641	-.217	-.028	4.1302	1.0000	
3	0	3	9.219	9.232	9.232	.115	-.119	4.1525	1.0000	
3	1	4	9.466	9.466	9.465	.154	-.320	4.0720	1.0000	
3	7	4	5.935	6.128	-6.128	-.038	-.191	4.2125	1.0000	
3	7	5	2.422	1.709	1.709	-.082	.692	4.1598	1.0000	
3	7	6	16.429	16.346	18.542	.280	.085	4.5442	1.0000	
3	7	7	7.241	7.299	7.299	.191	-.050	4.6031	1.0000	
3	7	8	12.421	12.493	12.493	.198	-.112	4.2995	1.0000	
3	7	9	2.573	3.504	-3.504	-.019	-.097	4.0420	1.0000	
3	7	0	6.852	6.852	6.857	-.057	.036	4.1930	1.0000	
3	7	1	6.289	6.290	-6.282	-.122	.139	4.8219	1.0000	
3	7	2	1.103	1.652	1.652	.018	.052	4.0025	1.0000	
3	7	3	2.973	2.407	-2.407	-.018	.450	4.0529	1.0000	
3	7	4	2.678	1.470	-1.466	.119	1.341	4.7144	1.0000	
3	7	5	20.403	20.429	-20.418	-.247	-.447	4.447	1.0000	
3	7	6	48.955	48.044	-48.043	-.090	-.009	4.2179	1.0000	
3	7	7	21.899	21.899	21.892	.014	.147	4.903	1.0000	
3	7	8	2.079	2.985	2.984	.094	.099	4.8991	1.0000	
3	7	9	12.637	12.598	-12.598	-.180	.043	4.3165	1.0000	
3	7	0	2.587	2.255	-2.255	-.012	.334	4.0303	1.0000	
3	7	1	7.169	6.001	-6.001	-.103	.326	4.1191	1.0000	
3	7	2	20.104	19.734	-19.729	-.445	.310	4.9207	1.0000	
3	7	3	13.452	13.601	-13.600	-.191	.143	4.0843	1.0000	
3	7	4	1.144	.262	-.261	-.026	.084	4.0609	1.0000	
3	7	5	12.794	13.153	13.153	.139	-.557	4.0950	1.0000	
3	7	6	9.603	9.671	-9.649	-.147	-.132	4.1071	1.0000	
3	7	7	4.700	4.402	4.400	.123	.4297	4.2368	1.0000	
3	7	8	5.196	5.629	5.625	.224	.432	4.2368	1.0000	
3	7	9	11.980	11.607	-11.607	-.110	-.083	4.0980	1.0000	
3	7	0	2.462	1.243	1.243	-.150	1.225	4.7196	1.0000	
3	7	1	24.592	23.943	23.943	.293	.649	4.7580	1.0000	
3	7	2	32.145	31.928	31.928	.256	.628	4.6983	1.0000	
3	7	3	27.673	27.575	27.575	.270	.180	4.5924	1.0000	
3	7	4	29.786	29.643	-29.641	-.348	-.057	4.1761	1.0000	
3	7	5	1.112	1.270	-1.269	-.027	-.157	4.1051	1.0000	
3	7	6	1.658	1.937	-1.937	-.062	-.132	4.2590	1.0000	
3	7	7	3.348	3.019	3.019	-.037	.351	4.4114	1.0000	
3	7	8	1.107	1.099	-1.099	-.017	.009	4.0106	1.0000	
3	7	9	6.999	6.785	6.785	.084	.218	4.4565	1.0000	
3	7	0	12.638	12.556	-12.555	-.195	.101	4.7385	1.0000	
3	7	1	10.901	10.752	10.752	.191	.149	4.1195	1.0000	
3	7	2	2.097	2.319	2.319	.091	.576	4.1848	1.0000	
3	7	3	32.699	32.037	-32.035	-.326	.062	4.5285	1.0000	
3	7	4	5.527	5.434	-5.434	-.096	.092	4.5747	1.0000	
3	7	5	37.644	36.724	-36.723	-.150	.021	4.0146	1.0000	
3	7	6	7.667	7.614	-7.613	.076	.074	4.9201	1.0000	
3	7	7	13.607	13.592	-13.590	-.247	.293	4.0534	1.0000	
3	7	8	11.977	11.977	-11.970	-.147	.160	4.5223	1.0000	
3	7	9	14.031	14.320	14.320	.059	-.289	4.1463	1.0000	
3	7	0	4.210	3.071	3.070	.042	-.529	4.0192	1.0000	

H	K	L	F(DBS)	F(CALC)	A(CALC)	SIGMA(C)	DELTA F	DELTA/SIGMA	EXT. FACTOR
4	-7	-3	1.242	5.848	-5.843	-.231	-.306	-1.9734	1.0000
4	-7	-2	37.819	36.997	-36.993	+.546	+.221	+.8037	1.0000
4	-7	-1	15.009	14.294	-14.292	+.230	+.129	+.60951	1.0000
4	-7	0	1.553	1.594	-1.593	+.039	+.061	+.1381	1.0000
4	-7	1	5.422	6.217	-6.216	+.059	+.793	+.5.1955	1.0000
4	-7	2	7.822	7.817	7.815	-.173	-.410	-.3.3296	1.0000
4	-7	3	10.836	10.796	-10.795	-.173	-.642	-.3.444	1.0000
4	-7	4	13.935	13.140	-13.138	-.190	-.415	-.2.9165	1.0000
4	-7	5	13.972	13.305	-13.306	-.205	-.265	-.1.7845	1.0000
4	-6	-5	5.915	5.225	-5.225	-.027	-.660	-.3.350	1.0000
4	-6	-4	12.541	12.703	-12.703	-.173	-.262	-.1.1802	1.0000
4	-6	-3	16.102	16.374	-16.374	-.055	-.212	-.1.0193	1.0000
4	-6	-2	18.622	18.621	-18.620	-.197	-.201	-.1.2161	1.0000
4	-6	-1	5.020	4.015	-4.015	-.032	-.079	-.1.4250	1.0000
4	-6	0	31.506	31.330	-31.322	-.240	-.132	-.1.4267	1.0000
4	-6	1	14.239	12.465	-12.465	-.574	-.372	-.1.3729	1.0000
4	-6	2	27.921	27.595	-27.593	-.391	-.182	-.1.1612	1.0000
4	-6	3	6.808	6.847	-6.847	-.492	-.240	-.1.0243	1.0000
4	-6	4	13.828	12.852	-12.852	-.060	-.492	-.2.2548	1.0000
4	-6	5	3.528	3.356	-3.356	-.004	-.170	-.1.1259	1.0000
4	-5	-4	1.122	1.678	-1.678	+.043	+.555	+.7181	1.0000
4	-5	-3	20.366	20.297	-20.296	-.200	-.069	-.1.4140	1.0000
4	-5	-2	2.781	2.386	-2.386	-.601	-.453	-.1.2700	1.0000
4	-5	-1	9.487	8.096	-8.095	-.104	-.231	-.1.2345	1.0000
4	-5	0	39.739	40.351	-40.352	+.550	+.012	+.2.2563	1.0000
4	-5	1	19.071	19.472	-19.472	-.079	+.402	+.2.3256	1.0000
4	-5	2	3.639	3.936	-3.936	-.094	-.891	+.4.548	1.0000
4	-5	3	8.958	8.661	-8.661	-.016	-.497	-.1.8260	1.0000
4	-5	4	17.814	17.602	-17.602	-.120	-.243	-.1.3357	1.0000
4	-5	5	2.729	1.729	-1.729	-.053	-.999	+.3.5952	1.0000
4	-5	6	3.045	3.214	-3.214	+.011	-.140	-.1.7958	1.0000
4	-5	7	3.086	2.051	-2.051	+.001	-.217	-.1.4390	1.0000
4	-5	8	22.950	22.030	-22.028	-.269	+.520	+.4.3812	1.0000
4	-5	9	17.749	17.152	-17.149	-.331	+.597	+.1.0000	1.0000
4	-4	-3	7.464	8.023	-8.023	-.138	-.340	-.1.0000	1.0000
4	-4	-2	6.033	5.909	-5.909	+.026	+.444	+.2.702	1.0000
4	-4	-1	1.590	1.740	-1.740	+.006	-.182	-.1.5547	1.0000
4	-4	0	4.697	4.664	-4.664	-.147	+.250	+.1.0000	1.0000
4	-4	1	10.029	18.562	-18.561	-.051	+.633	+.2.3516	1.0000
4	-4	2	145.822	127.334	-127.332	+.704	+.513	+.3.1564	1.0000
4	-4	3	26.265	25.316	-25.316	-.135	+.550	+.4.1675	1.0000
4	-4	4	10.500	16.327	-16.327	-.117	+.172	+.1.094	1.0000
4	-4	5	20.000	19.289	-19.285	-.090	+.795	+.4.5919	1.0000
4	-4	6	3.133	3.575	-3.575	+.012	+.443	+.1.4139	1.0000
4	-4	7	10.323	10.242	-10.242	-.102	-.081	-.1.0928	1.0000
4	-4	8	25.710	25.532	-25.532	+.346	-.236	-.1.1330	1.0000
4	-4	9	5.179	4.766	-4.766	+.003	+.903	+.3.316	1.0000
4	-3	-2	21.570	20.577	-20.575	+.204	+.903	+.5.4127	1.0000
4	-3	-1	13.969	13.649	-13.649	-.104	+.317	+.2.3195	1.0000
4	-3	0	9.808	9.878	-9.877	-.134	-.290	-.1.2547	1.0000
4	-3	1	1.761	1.458	-1.458	+.060	+.284	+.3.6690	1.0000
4	-3	2	9.771	9.972	-9.972	+.095	+.201	+.1.8229	1.0000
4	-3	3	2.790	3.431	-3.431	+.021	+.642	+.2.9323	1.0000

II	K	L	F(000)	F(CALC)	A(FCALC)	B(FCALC)	DELTA F	DELTA/SIGNAL	EXT. FACTOR
4	-3	-2	7.104	7.016	-7.016	-.044	.088	.6698	1.0000
4	-2	-1	2.791	1.710	-1.079	-.030	.591	1.6906	1.0000
4	-3	0	35.148	34.385	-34.385	.373	.762	3.6948	1.0000
4	-3	1	6.014	6.076	6.076	.066	.437	3.0492	1.0000
4	-3	2	6.102	3.959	-3.959	-.072	.452	1.4175	1.0000
4	-3	3	22.064	21.963	-21.963	.216	.040	4.2034	1.0000
4	-3	4	25.284	24.653	-24.653	.372	.631	5.1084	1.0000
4	-3	5	25.469	22.478	-22.478	-.277	.802	2.6533	1.0000
4	-2	0	6.114	6.193	6.193	.133	.075	1.0456	1.0000
4	-2	1	6.467	6.173	-6.173	-.075	.286	1.0000	1.0000
4	-2	2	2.952	1.137	-1.137	-.059	.398	1.9043	1.0000
4	-2	3	15.806	15.937	15.937	.131	.052	2.3916	1.0000
4	-2	4	4.718	2.777	-2.777	-.628	1.700	11.0393	1.0000
4	-2	5	26.066	16.579	-16.579	1.239	.050	1.9961	1.0000
4	-2	6	25.069	28.129	28.129	.138	.542	2.5020	1.0000
4	-2	7	17.614	12.998	-12.998	-.428	.879	2.1290	1.0000
4	-2	8	2.139	2.157	2.157	-.099	1.019	-.0123	1.0000
4	-2	9	12.442	11.564	-11.564	-.428	.870	5.5737	1.0000
4	-2	10	24.764	24.529	-24.529	.193	.239	.9924	1.0000
4	-2	11	11.267	11.459	11.459	.190	-.132	-.6569	1.0000
4	-2	12	6.751	8.956	8.956	.016	-.203	1.8319	1.0000
4	-2	13	27.508	27.402	-27.402	-.639	1.06	7.663	1.0000
4	-2	14	6.620	9.530	9.530	-.639	1.06	1.5711	1.0000
4	-1	0	17.009	17.001	-17.001	-.210	.080	-.4923	1.0000
4	-1	1	4.997	4.599	-4.599	.082	.013	1.0000	1.0000
4	-1	2	5.892	2.561	-2.561	-.051	-.009	-.5435	1.0000
4	-1	3	1.830	.897	-.897	.028	.260	1.0047	1.0000
4	-1	4	21.426	32.012	32.012	1.363	-.709	-.7193	1.0000
4	-1	5	20.073	23.791	23.791	.355	-.118	-.5714	1.0000
4	-1	6	60.051	60.601	60.601	-.673	.259	1.0109	1.0000
4	-1	7	7.202	7.020	-7.020	-.024	.272	1.4926	1.0000
4	-1	8	13.132	12.593	-12.593	.136	.559	3.6523	1.0000
4	-1	9	25.008	25.605	25.605	.603	2.227	2.2272	1.0000
4	-1	10	13.848	12.420	-12.420	.621	7.382	9.4393	1.0000
4	-1	11	16.078	10.604	-10.604	-.290	.374	2.1202	1.0000
4	-1	12	2.019	.200	-.200	-.609	1.758	1.0286	1.0000
4	-1	13	2.040	2.971	2.971	.676	.069	1.0000	1.0000
4	-1	14	1.097	5.923	5.923	1.204	-.064	-.2242	1.0000
4	-1	15	21.013	32.170	32.170	-.818	-.291	-.2120	1.0000
4	-1	16	5.306	5.132	-5.132	-.082	.173	1.5225	1.0000
4	-1	17	19.480	19.609	19.609	.023	2.132	2.1327	1.0000
4	-1	18	6.197	6.752	6.752	.698	1.45	4.1357	1.0000
4	-1	19	16.160	14.203	-14.203	.311	-.268	-.2106	1.0000
4	-1	20	9.438	9.298	-9.298	.050	.151	1.0000	1.0000
4	-1	21	9.013	5.193	-5.193	-.070	.195	1.0522	1.0000
4	-1	22	19.754	19.231	-19.231	.151	.514	1.0000	1.0000
4	-1	23	1.605	1.106	-1.106	-.050	.619	2.3315	1.0000
4	-1	24	9.063	3.442	-3.442	.050	.311	1.7365	1.0000
4	-1	25	79.300	19.792	-19.792	.657	-.1251	-.49320	1.0000
4	-1	26	1.217	1.104	-1.104	-.004	.073	1.0000	1.0000
4	-1	27	9.671	9.585	-9.585	-.066	.086	.6820	1.0000
4	-1	28	2.606	2.765	2.765	.065	-.099	-.2327	1.0000
4	-1	29	7.032	7.337	7.337	.096	-.205	-.24151	1.0000

H	K	L	F1(CSI)	F1(CALC)	F1(CALC)	F1(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	-7	-1	7.127	6.900	-0.609	-0.199	0.220	1.5543	1.0000
5	-7	-1	1.031	0.872	0.890	-0.056	0.109	2.504	1.0000
5	-2	-2	4.879	4.877	-0.002	-0.055	-0.270	-1.5618	1.0000
5	-1	-2	10.158	10.357	0.199	-0.203	-0.177	-1.5079	1.0000
5	-1	-2	12.693	12.387	-0.306	-0.197	0.261	1.4575	1.0000
5	-1	-2	16.432	16.190	-0.242	-0.253	0.377	2.4351	1.0000
5	-1	-2	14.550	14.633	0.083	-0.290	-0.082	-0.5204	1.0000
5	-1	-2	20.902	20.905	0.003	-0.523	-0.063	-0.2731	1.0000
5	-1	-2	9.723	9.177	-0.546	-0.093	-0.378	-1.5406	1.0000
5	-1	-2	1.171	0.882	0.902	-0.092	0.129	0.5145	1.0000
5	-1	-2	1.171	2.057	0.886	-0.613	-0.208	-0.5824	1.0000
5	-1	-2	18.714	16.724	-0.170	-0.178	0.014	0.0903	1.0000
5	-1	-2	0.873	10.237	0.245	-0.385	-0.201	-2.4204	1.0000
5	-1	-2	12.422	15.802	0.380	-0.252	-0.050	-0.3070	1.0000
5	-1	-2	8.182	9.001	0.819	-0.636	-0.078	-0.7449	1.0000
5	-1	-2	17.752	17.743	-0.009	-0.127	0.008	0.0577	1.0000
5	-1	-2	1.407	2.923	1.516	0.036	-0.349	-0.8667	1.0000
5	-1	-2	9.672	9.479	-0.193	-0.115	0.106	0.6007	1.0000
5	-1	-2	75.772	24.042	-24.042	-0.292	-0.273	-1.5319	1.0000
5	-1	-2	14.772	14.567	-0.205	-0.255	0.154	1.0738	1.0000
5	-1	-2	5.467	9.150	0.383	0.216	0.437	2.6024	1.0000
5	-1	-2	2.424	2.574	0.150	-0.147	-0.431	-1.0497	1.0000
5	-1	-2	4.682	4.681	-0.001	0.035	-0.005	-0.0288	1.0000
5	-1	-2	15.119	1.423	1.487	0.021	-0.415	-0.6343	1.0000
5	-1	-2	2.060	24.049	21.989	0.158	0.120	0.9282	1.0000
5	-1	-2	10.200	0.425	0.775	0.028	1.023	3.0548	1.0000
5	-1	-2	11.472	10.551	-0.921	-0.113	-0.120	-1.0260	1.0000
5	-1	-2	21.777	11.474	-10.303	-0.606	0.009	0.0431	1.0000
5	-1	-2	13.428	32.597	19.169	0.300	-0.207	-0.6403	1.0000
5	-1	-2	20.821	20.167	-0.654	-0.170	0.662	1.1290	1.0000
5	-1	-2	34.209	33.402	-0.807	-0.124	0.234	0.6599	1.0000
5	-1	-2	11.851	11.245	-0.606	-0.412	0.707	2.4235	1.0000
5	-1	-2	2.960	3.890	0.930	-0.138	0.605	4.7090	1.0000
5	-1	-2	6.660	6.258	-0.402	-0.092	0.429	-1.4554	1.0000
5	-1	-2	48.334	59.380	11.046	-0.642	0.362	2.6207	1.0000
5	-1	-2	10.517	10.037	-0.480	-0.542	0.334	1.1005	1.0000
5	-1	-2	9.023	9.490	0.467	0.693	0.440	4.4374	1.0000
5	-1	-2	5.691	8.343	2.652	-0.034	-0.445	-4.1257	1.0000
5	-1	-2	4.948	8.343	3.395	-0.034	-0.144	-1.3947	1.0000
5	-1	-2	27.402	17.925	-9.477	0.015	0.600	0.9914	1.0000
5	-1	-2	30.732	30.635	-0.097	-0.165	0.173	0.9263	1.0000
5	-1	-2	2.421	2.679	0.258	-0.035	-0.083	-0.3423	1.0000
5	-1	-2	46.593	45.059	-1.534	-0.035	-0.258	-1.2128	1.0000
5	-1	-2	9.901	9.911	0.010	-0.350	-0.094	-0.5701	1.0000
5	-1	-2	37.821	37.089	-0.732	-0.214	0.029	0.6363	1.0000
5	-1	-2	2.109	2.933	0.824	-0.158	0.772	2.5540	1.0000
5	-1	-2	1.070	1.041	-0.029	-0.010	0.175	0.5920	1.0000
5	-1	-2	2.058	0.055	-0.403	-0.013	0.422	0.0247	1.0000
5	-1	-2	2.809	2.682	-0.127	-0.023	1.523	6.2268	1.0000
5	-1	-2	19.559	19.542	-0.017	-0.023	0.227	0.8714	1.0000
5	-1	-2	19.146	15.250	-3.896	-0.236	0.117	0.6034	1.0000
5	-1	-2	1.489	1.233	-0.256	-0.014	-0.104	-0.6290	1.0000
5	-1	-2	1.489	1.233	-0.256	0.028	0.256	0.6096	1.0000

HYANTITE (DOLAVANCI) #1 AND DEGRASS C FD-FG TABLE

STRUCTURE FACTORS

H	K	L	F(POS)	F(CALC)	A(CALC)	D(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	-3	-1	31.768	27.357	-22.357	-0.163	-0.594	-2.6258	1.0000
5	-3	0	30.250	37.980	-37.980	-0.468	-0.291	1.02757	1.0000
5	-3	1	31.812	32.605	32.608	0.317	-0.693	-2.06608	1.0000
5	-3	2	19.756	10.521	-10.521	-0.121	-0.229	1.07129	1.0000
5	-3	3	7.365	7.365	7.365	0.000	-0.164	-1.33500	1.0000
5	-3	4	1.035	1.159	-1.149	0.091	-0.118	-0.15999	1.0000
5	-3	5	6.283	6.302	-6.302	-0.115	-0.098	-0.5997	1.0000
5	-3	6	33.503	13.030	-13.070	-0.256	-0.201	2.06822	1.0000
5	-3	7	1.991	9.131	-9.130	-0.016	-0.210	-1.7997	1.0000
5	-3	8	5.670	5.670	5.670	0.000	-0.176	1.9685	1.0000
5	-3	9	1.712	2.601	-2.601	-0.510	-0.721	1.0000	1.0000
5	-3	10	10.000	10.000	10.000	0.000	-0.016	0.975	1.0000
5	-3	11	31.283	20.907	-20.966	-0.150	-0.262	1.12316	1.0000
5	-3	12	17.300	12.601	-12.600	-0.110	-0.171	0.0221	1.0000
5	-3	13	10.932	10.932	10.932	0.000	-0.108	2.71119	1.0000
5	-3	14	40.360	40.040	40.020	0.005	-0.281	-2.2071	1.0000
5	-3	15	7.721	6.761	-6.685	-0.532	-0.646	0.82330	1.0000
5	-3	16	12.705	20.157	-20.153	-0.246	-0.275	-0.9750	1.0000
5	-3	17	4.150	9.426	-9.426	-0.536	-0.675	1.0000	1.0000
5	-3	18	10.760	10.618	-10.627	-0.163	-0.282	1.0916	1.0000
5	-3	19	14.790	17.017	17.015	0.222	-0.019	-0.1360	1.0000
5	-3	20	34.202	34.531	34.532	0.000	-0.281	-3.2813	1.0000
5	-3	21	3.780	1.732	1.782	-0.019	-0.088	3.4769	1.0000
5	-3	22	9.007	4.412	4.834	-0.019	-0.665	0.7123	1.0000
5	-3	23	30.730	39.708	-39.708	-0.282	-0.223	-0.4976	1.0000
5	-3	24	17.910	20.021	-20.020	-0.107	-0.247	1.0530	1.0000
5	-3	25	0.700	17.380	16.030	-0.560	-0.325	-0.0800	1.0000
5	-3	26	1.000	1.000	1.000	0.000	-0.062	1.1671	1.0000
5	-3	27	10.000	10.000	-10.000	-0.235	-0.080	-0.0111	1.0000
5	-3	28	6.162	0.681	-0.680	-0.142	-0.270	-2.0416	1.0000
5	-3	29	8.002	7.790	-7.790	-0.052	-0.204	1.6582	1.0000
5	-3	30	9.027	0.666	9.666	0.666	0.281	2.2031	1.0000
5	-3	31	2.941	2.026	-2.026	-0.012	-0.025	-0.1989	1.0000
5	-3	32	5.119	5.062	-5.062	-0.079	-0.057	0.3518	1.0000
5	-3	33	10.154	10.430	-10.437	-0.102	-0.017	0.1485	1.0000
5	-3	34	0.000	1.333	1.332	0.005	-0.012	-0.0977	1.0000
5	-3	35	5.150	6.601	-5.080	-0.099	-0.037	-0.5843	1.0000
5	-3	36	1.072	1.462	1.462	0.199	0.222	0.6424	1.0000
5	-3	37	7.658	7.610	-7.610	-0.069	-0.243	2.0785	1.0000
5	-3	38	124.005	124.996	-125.996	-0.767	-1.092	-9.1204	1.0000
5	-3	39	4.370	4.336	4.336	0.008	0.035	0.2152	1.0000
5	-3	40	24.219	24.844	24.844	0.115	-0.630	-2.4120	1.0000
5	-3	41	0.060	0.580	0.587	0.005	0.958	0.5462	1.0000
5	-3	42	3.700	2.938	-2.937	-0.048	0.762	0.5595	1.0000
5	-3	43	3.203	0.132	0.132	0.018	0.334	1.02097	1.0000
5	-3	44	6.746	0.132	-0.127	-0.295	0.316	1.03354	1.0000
5	-3	45	19.480	19.332	-19.340	-0.274	-0.233	1.02510	1.0000
5	-3	46	11.628	11.653	11.652	0.116	-0.027	0.02120	1.0000
5	-3	47	8.662	7.476	-7.476	-0.070	-0.084	0.5203	1.0000
5	-3	48	12.807	12.853	12.852	0.163	0.916	0.5205	1.0000
5	-3	49	16.009	16.299	-16.298	-0.178	-0.310	1.07092	1.0000
5	-3	50	1.650	0.567	0.567	0.005	1.093	2.09709	1.0000

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N	M	I	FICMCI	ALCALCI	ALCALCI	ALCALCI	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	1	0	21.089	21.308	-21.307	-.165	-.219	-.9060	1.0000
5	1	1	5.524	5.246	5.245	.079	.338	2.5774	1.0000
5	1	2	32.920	32.920	33.918	.436	-.401	-1.5510	1.0000
5	1	3	16.877	17.212	17.212	.083	-.335	-2.1921	1.0000
5	1	4	5.012	5.002	-5.680	-.120	-.070	-.6919	1.0000
5	1	5	10.655	10.692	10.599	.162	-.038	-.3029	1.0000
5	1	6	1.132	.856	.856	.046	.505	.7924	1.0000
5	1	7	9.183	8.800	-9.800	.090	.331	2.7891	1.0000
5	1	8	11.044	11.201	11.201	.232	.209	1.0502	1.0000
5	1	9	0.120	0.230	0.230	.025	-.034	-3.0181	1.0000
5	1	10	10.157	10.230	-11.201	.012	-.015	-.0095	1.0000
5	1	11	2.529	2.077	2.077	.546	.870	4.0504	1.0000
5	1	12	28.642	28.920	28.920	.201	.028	.3371	1.0000
5	1	13	28.499	22.775	25.742	.082	-.124	-5.0301	1.0000
5	1	14	10.502	17.036	-17.036	.082	-.444	-2.5025	1.0000
5	1	15	2.512	3.035	3.036	.010	-.504	-1.8907	1.0000
5	1	16	.907	1.035	-2.096	.093	-.007	-.0104	1.0000
5	1	17	10.467	15.687	15.686	.135	.289	2.0649	1.0000
5	1	18	3.539	3.166	3.166	.018	-.626	-1.6611	1.0000
5	1	19	1.059	1.007	.007	.006	.582	1.2858	1.0000
5	1	20	22.022	21.852	-21.852	-.261	1.108	.6326	1.0000
5	1	21	12.510	12.466	13.565	.161	.166	1.2606	1.0000
5	1	22	7.252	7.317	-7.102	-.077	.145	1.5060	1.0000
5	1	23	5.432	5.073	9.072	.138	.135	2.4505	1.0000
5	1	24	36.298	11.674	16.674	.219	-.438	-3.7311	1.0000
5	1	25	24.805	24.800	-24.800	.193	-.193	1.6630	1.0000
5	1	26	24.102	24.116	-24.116	.420	-.005	-.6282	1.0000
5	1	27	4.823	4.973	4.973	.071	-.278	-1.2056	1.0000
5	1	28	7.111	7.660	7.660	.210	.082	.4615	1.0000
5	1	29	28.079	11.013	-11.013	-.150	-.126	-1.2788	1.0000
5	1	30	15.055	18.010	-18.010	.239	.017	4.9211	1.0000
5	1	31	3.582	3.285	-3.285	.082	.296	1.9197	1.0000
5	1	32	22.182	31.693	31.693	.102	.422	1.4302	1.0000
5	1	33	9.593	9.593	-9.593	.005	-.455	-4.0197	1.0000
5	1	34	9.421	8.346	8.346	.075	.075	.6846	1.0000
5	1	35	2.729	2.255	2.255	.003	.669	1.8951	1.0000
5	1	36	2.491	3.121	3.121	.006	-.660	-2.2479	1.0000
5	1	37	1.246	1.025	1.025	.025	.161	2.2479	1.0000
5	1	38	4.120	4.020	4.020	.005	.165	.3502	1.0000
5	1	39	19.636	15.836	15.835	.294	.143	.8228	1.0000
5	1	40	5.922	6.030	-6.030	.405	-.354	-2.6656	1.0000
5	1	41	3.459	3.123	-3.123	.165	-.592	-2.0197	1.0000
5	1	42	1.323	1.172	2.123	.077	-.261	-2.0397	1.0000
5	1	43	*	.172	-.172	.026	1.143	2.1020	1.0000
5	1	44	11.146	11.172	-11.172	.244	.002	-.6208	1.0000
5	1	45	8.739	8.593	8.593	.014	.150	1.6731	1.0000
5	1	46	26.920	26.126	26.126	.422	.793	2.7615	1.0000
5	1	47	20.320	20.361	20.360	.274	-.043	-.2300	1.0000
5	1	48	6.252	8.413	8.413	.122	.161	-1.2406	1.0000
5	1	49	9.602	9.053	-9.052	.070	.592	2.0516	1.0000
5	1	50	11.031	11.116	-11.116	.008	-.685	-.1081	1.0000
5	1	51	5.563	5.582	-5.582	.224	.041	-.2157	1.0000
5	1	52	12.948	12.492	12.492	.135	.434	2.3804	1.0000
5	1	53	2.856	2.580	-2.580	.033	.275	1.0080	1.0000

N	K	L	F(ORG)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/STDEV	EXT. FACTOR
5	6	-2	3.781	3.250	3.250	-.003	.531	2.4604	1.0000
5	6	-1	5.148	9.138	5.137	.105	.011	.0878	1.0000
5	6	0	12.651	12.280	12.280	.110	.366	2.7898	1.0000
5	6	1	23.476	23.690	-23.602	-.390	-.130	-.6765	1.0000
5	6	2	3.593	2.736	2.736	-.093	2.6176	1.0000	1.0000
5	6	3	1.103	1.318	-1.310	-.065	-.2649	1.0000	1.0000
5	6	4	17.528	17.208	-17.208	-.317	4.330	2.0266	1.0000
5	6	5	11.681	10.305	-10.304	-.143	.477	6.5295	1.0000
5	6	6	1.798	1.754	1.754	.105	.340	.7505	1.0000
5	6	7	6.195	6.985	6.985	.180	.6210	4.8210	1.0000
5	6	8	9.174	10.050	10.050	.231	-.270	-.1.9376	1.0000
5	6	9	4.197	4.701	4.701	-.205	.625	4.6114	1.0000
5	6	10	2.181	.201	-.202	-.041	1.906	7.2262	1.0000
5	6	11	12.454	6.876	-6.876	-.234	-.4936	-.3.9268	1.0000
5	6	12	13.542	13.628	13.628	.052	.691	0.4923	1.0000
5	6	13	1.261	2.644	2.644	.040	.063	.4244	1.0000
5	6	14	25.271	23.983	-23.983	-.438	.215	4.591	1.0000
5	6	15	15.031	15.150	-15.150	-.113	-.752	-.2.7312	1.0000
5	6	16	4.051	5.729	5.729	.156	1.194	4.4576	1.0000
5	6	17	21.581	21.493	-21.493	-.087	3.82	1.7748	1.0000
5	6	18	18.583	16.720	-16.720	-.302	4.85	2.6167	1.0000
5	6	19	1.270	1.853	1.853	.091	-.105	-.0204	1.0000
5	6	20	4.118	4.357	4.357	.063	1.161	11.0772	1.0000
5	6	21	13.168	12.163	-12.163	-.187	-.001	-.4056	1.0000
5	6	22	2.759	2.720	-2.720	-.036	-.092	-.1.058	1.0000
5	6	23	18.681	11.056	11.056	.236	-.497	-.3.9921	1.0000
5	6	24	1.450	1.156	1.156	-.138	1.311	1.7592	1.0000
5	6	25	12.926	12.127	-12.127	-.136	-.321	-.3.9615	1.0000
5	6	26	7.735	7.654	-7.654	-.14	1.051	4.0734	1.0000
5	6	27	9.078	5.856	-5.856	-.232	-.439	-.3.7942	1.0000
5	6	28	3.105	6.452	6.452	.252	-.367	-.2.1920	1.0000
5	6	29	26.626	26.176	-26.176	-.473	4.52	1.5001	1.0000
5	6	30	3.496	3.169	-3.162	-.002	4.256	-.5602	1.0000
5	6	31	3.077	3.696	3.696	.081	-.639	-.3.929	1.0000
5	6	32	11.079	10.619	-10.616	-.245	4.60	3.0197	1.0000
5	6	33	10.128	10.100	10.100	.134	-.021	-.1.0592	1.0000
5	6	34	5.368	5.043	-5.043	-.038	3.67	3.8142	1.0000
5	6	35	13.614	14.304	14.304	.169	-.746	-.5.6102	1.0000
5	6	36	6.159	6.159	6.159	.052	4.30	1.8157	1.0000
5	6	37	9.948	10.110	10.110	.222	-.122	-.1.1134	1.0000
5	6	38	1.037	1.778	-1.770	-.006	-.703	-.3.1608	1.0000
5	6	39	12.668	12.839	-12.839	-.266	-.176	-.2.1172	1.0000
5	6	40	22.211	22.371	22.371	.216	-.330	-.2.9259	1.0000
5	6	41	16.950	17.138	-17.138	-.254	-.176	-.1.9811	1.0000
5	6	42	4.271	4.010	-4.010	-.191	-.258	-.1.3302	1.0000
5	6	43	9.343	8.985	8.985	.266	-.397	-.2.6106	1.0000
5	6	44	4.954	4.345	4.345	-.258	-.611	-.3.1198	1.0000
5	6	45	6.760	7.157	-7.152	-.265	-.757	-.2.5143	1.0000
5	6	46	16.861	17.520	-17.520	-.619	-.652	-.2.7870	1.0000
5	6	47	10.431	10.431	10.431	.140	-.374	-.1.0072	1.0000
5	6	48	16.491	16.189	-16.189	-.065	-.302	-.2.0036	1.0000
5	6	49	29.019	28.845	-28.845	-.439	1.974	5.12271	1.0000

WINDS (DETERMINED AT 100 DEGREES E) PD-PC TABLE

STRUCTURE FACTORS

N	K	L	F(100)	F(100)	A(100)	B(100)	E(100)	DELTA	DELTA	EXT.
6	-5	-2	29.998	29.458	-29.457	-.216	.539	1.9012	1.0000	
6	-5	-2	10.847	20.922	-20.922	-.171	.129	.6156	1.0000	
6	-5	-1	42.947	42.942	42.942	.497	-.021	-.0776	1.0000	
6	-5	0	8.482	8.479	-6.619	-.109	.008	.0453	1.0000	
6	-5	1	5.691	5.688	5.688	.218	-.242	-.1.6325	1.0000	
6	-5	2	1.218	1.454	1.492	-.077	-.276	-.4387	1.0000	
6	-5	3	26.139	20.799	-20.787	-.503	-.601	-.3.1009	1.0000	
6	-5	4	11.445	11.419	11.419	.439	.030	.2968	1.0000	
6	-5	5	4.197	2.870	-2.870	-.030	.4774	.3.4774	1.0000	
6	-5	6	1.078	12.410	12.485	-.102	.630	.2488	1.0000	
6	-5	7	15.436	15.707	-15.707	-.212	.489	-.4.4892	1.0000	
6	-5	8	1.557	1.161	1.400	.012	-.322	-.1.1050	1.0000	
6	-5	9	18.610	18.259	18.260	.390	.482	-.1.4711	1.0000	
6	-5	10	1.345	1.400	.657	.166	.630	1.4711	1.0000	
6	-5	11	99.887	53.665	53.659	.127	-.2450	1.4981	1.0000	
6	-5	12	5.847	5.664	5.254	.027	-.600	-.10.9680	1.0000	
6	-5	13	7.501	7.112	7.107	.621	-.600	-.3.2504	1.0000	
6	-5	14	1.266	8.158	-8.156	-.005	.799	2.2902	1.0000	
6	-5	15	2.180	1.971	-1.477	-.084	-.192	-.1.4635	1.0000	
6	-5	16	3.485	2.926	-2.456	-.031	.415	.5354	1.0000	
6	-5	17	13.633	13.022	-13.022	-.031	-.611	-.8.3519	1.0000	
6	-5	18	1.095	1.334	1.334	.018	.611	5.2924	1.0000	
6	-5	19	11.826	12.114	11.878	.260	-.060	-.5.5047	1.0000	
6	-5	20	20.744	20.075	20.075	.390	.060	2.3902	1.0000	
6	-5	21	10.272	10.934	-10.934	-.444	1.112	-.3.4948	1.0000	
6	-5	22	1.768	1.792	1.762	.002	.862	1.4889	1.0000	
6	-5	23	19.417	19.281	-19.281	-.010	-.250	-.2.1928	1.0000	
6	-5	24	1.768	1.470	1.470	.018	.018	1.4920	1.0000	
6	-5	25	1.4026	1.3771	1.1677	.605	.018	2.2244	1.0000	
6	-5	26	1.4026	1.3771	1.3771	.605	.018	1.1677	1.0000	
6	-5	27	29.391	29.324	-29.324	-.101	-.242	-.11.6720	1.0000	
6	-5	28	21.820	21.820	21.820	-.003	-.003	-.2.0660	1.0000	
6	-5	29	1.921	1.921	1.921	-.003	-.003	-.2.0660	1.0000	
6	-5	30	1.379	1.379	-4.010	-.083	-.009	-.3.65	1.0000	
6	-5	31	21.695	18.389	18.389	.145	.050	.52.7	1.0000	
6	-5	32	0.506	0.571	2.659	.180	.257	2.5482	1.0000	
6	-5	33	1.585	0.571	5.290	.245	.529	2.0.288	1.0000	
6	-5	34	28.637	28.636	-.067	-.003	.4.43	2.0.288	1.0000	
6	-5	35	1.379	2.828	-2.828	-.560	.515	2.0.288	1.0000	
6	-5	36	1.379	2.828	2.828	.560	.515	2.0.288	1.0000	
6	-5	37	23.909	23.902	23.902	.601	1.567	5.9658	1.0000	
6	-5	38	22.170	22.170	-22.170	.201	.118	5.9658	1.0000	
6	-5	39	9.730	9.730	9.730	-.057	-.4.446	-.4.5790	1.0000	
6	-5	40	3.177	2.699	-2.699	-.012	-.467	-.2.0509	1.0000	
6	-5	41	4.163	2.699	-2.699	-.012	-.467	-.2.0509	1.0000	
6	-5	42	21.203	21.203	21.203	.290	-.616	-.4.0451	1.0000	
6	-5	43	19.132	19.130	16.309	.397	-.482	-.2.5990	1.0000	
6	-5	44	2.636	2.605	16.309	.397	-.482	-.2.5990	1.0000	
6	-5	45	11.501	11.519	-21.416	-.037	-.669	-.5.1976	1.0000	
6	-5	46	17.635	19.338	13.336	.194	.302	1.0.9121	1.0000	
6	-5	47	5.129	5.129	13.336	.194	.302	1.0.9121	1.0000	
6	-5	48	1.089	4.619	-4.619	-.060	.201	1.1.3826	1.0000	
6	-5	49	11.596	11.607	11.607	.010	.965	3.9526	1.0000	
6	-5	50	0.304	5.492	5.492	.089	-.070	1.1.0826	1.0000	
6	-5	51				.092	.812	6.6592	1.0000	

H	K	L	F(001)	F(100)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	-1	0	1.502	.558	.697	-.040	.544	1.2171	1.0000
0	-1	1	2.209	1.694	1.050	-.007	-.300	-.7271	1.0000
0	-1	2	22.443	27.842	21.660	.305	-.401	-.1.9772	1.0000
0	-1	3	10.317	20.014	20.014	.315	-.697	-.3.0472	1.0000
0	-1	4	7.195	7.299	7.299	.033	-.103	-.9747	1.0000
0	-1	5	11.542	12.170	12.170	-.200	-.628	-.4.9562	1.0000
0	-1	6	1.102	1.026	1.026	-.100	-.085	-.1807	1.0000
0	-1	7	3.202	3.072	3.072	-.109	-.245	-.1.3284	1.0000
0	-1	8	8.717	8.577	8.577	.012	-.445	-.2.5230	1.0000
0	-1	9	1.470	1.370	1.370	.613	-.400	-.1.2279	1.0000
0	-1	10	3.400	3.202	3.202	-.019	-.238	-.1.2780	1.0000
0	-1	11	21.751	21.853	21.853	-.112	-.573	-.2.1726	1.0000
0	-1	12	0.904	0.878	0.878	-.027	-.070	-.1.0227	1.0000
0	-1	13	1.922	.670	-.610	.017	.206	-.3072	1.0000
0	-1	14	6.809	6.477	6.477	-.050	.032	-.1.509	1.0000
0	-1	15	25.437	20.069	20.069	.604	-.581	-.1.3223	1.0000
0	-1	16	12.012	12.104	12.104	-.128	-.128	-.1.0105	1.0000
0	-1	17	19.683	25.905	25.905	-.616	-.477	-.2.0302	1.0000
0	-1	18	11.292	11.542	11.542	-.250	-.144	-.1.1660	1.0000
0	-1	19	1.602	1.600	1.600	.002	.693	-.2.7539	1.0000
0	-1	20	2.052	1.022	-.1.022	-.003	1.026	-.3.0576	1.0000
0	-1	21	4.246	0.992	0.992	.009	.655	-.2.2023	1.0000
0	-1	22	3.050	6.024	6.024	-.038	-.209	-.1.0054	1.0000
0	-1	23	21.274	21.274	21.274	-.340	-.121	-.1.0736	1.0000
0	-1	24	4.050	4.050	4.050	-.022	.070	-.0.035	1.0000
0	-1	25	1.500	1.500	1.500	.072	.270	-.4247	1.0000
0	-1	26	11.050	11.050	11.050	-.250	.172	-.4247	1.0000
0	-1	27	12.570	11.051	11.051	-.250	.172	-.4247	1.0000
0	-1	28	22.020	21.517	21.517	-.250	.172	-.4247	1.0000
0	-1	29	15.094	16.427	16.427	-.675	-.454	-.2.0725	1.0000
0	-1	30	0.504	0.880	0.880	-.021	-.733	-.5.2127	1.0000
0	-1	31	11.737	15.097	15.097	-.035	-.240	-.1.0945	1.0000
0	-1	32	13.292	12.052	12.052	-.116	.601	-.4.5248	1.0000
0	-1	33	11.198	12.050	12.050	-.038	.429	-.1.3213	1.0000
0	-1	34	1.650	1.000	1.000	.163	.232	-.1.1084	1.0000
0	-1	35	6.000	0.023	0.023	.002	-.502	-.1.7772	1.0000
0	-1	36	23.740	23.740	23.740	.105	-.032	-.1.0011	1.0000
0	-1	37	2.422	2.201	2.201	-.217	-.417	-.2.0737	1.0000
0	-1	38	5.545	5.708	5.708	-.059	.307	-.1.9720	1.0000
0	-1	39	20.092	20.090	20.090	.039	-.023	-.1.1597	1.0000
0	-1	40	3.576	3.576	3.576	.444	-.805	-.3.5634	1.0000
0	-1	41	9.962	9.962	9.962	.598	-.1.080	-.2.4354	1.0000
0	-1	42	0.059	0.059	0.059	-.103	.219	-.2.1726	1.0000
0	-1	43	21.204	22.300	22.300	-.152	.211	-.0.046	1.0000
0	-1	44	20.726	20.306	20.306	.327	-.022	-.1.0710	1.0000
0	-1	45	7.195	6.362	6.362	.300	.540	-.1.8908	1.0000
0	-1	46	1.007	2.765	2.765	-.085	.295	-.2.4509	1.0000
0	-1	47	20.030	21.006	21.006	-.073	.239	-.1.9907	1.0000
0	-1	48	0.675	0.466	0.466	.219	-.008	-.0.3300	1.0000
0	-1	49	13.231	12.527	12.527	-.153	.010	-.0.027	1.0000
0	-1	50	1.068	2.170	2.170	.233	-.277	-.1.0560	1.0000
0	-1	51	4.596	4.607	4.607	.609	-.211	-.0.704	1.0000
0	-1	52	2.590	2.925	2.925	-.018	.331	-.1.4015	1.0000
0	-1	53	2.925	2.925	2.925	-.084	.604	-.2.8954	1.0000

H	K	L	FINDSI	FSCALEI	AFSCALEI	BSCALEI	DELTA F	DELTA/SIGMA	EXT. FACTOR
5	5	-1	4.189	3.606	-3.686	-.028	.503	2.9361	1.0000
6	6	-3	3.683	3.679	-3.679	-.029	-.017	-.0760	1.0000
6	6	-2	2.433	.669	.669	.037	1.688	6.5092	1.0000
6	6	-1	11.822	11.822	-.11.221	-.138	.161	1.1562	1.0000
6	6	0	2.401	3.040	.208	.208	-.135	-.5166	1.0000
6	6	1	12.925	12.976	-.12.975	-.171	-.051	-.4246	1.0000
6	6	2	68.102	68.107	-.48.107	-.514	-.005	-.0156	1.0000
6	6	3	16.415	16.338	10.383	.078	.035	.6523	1.0000
6	6	4	19.720	12.357	12.357	.610	.022	1.3607	1.0000
6	6	5	1.321	1.311	9.975	.075	-.058	-.1254	1.0000
6	6	6	1.058	1.387	2.867	-.092	.669	2.4173	1.0000
6	6	7	10.111	11.331	10.621	.125	.858	1.7318	1.0000
6	6	8	2.812	11.567	15.545	.413	.656	2.1016	1.0000
6	6	9	2.812	2.164	-.3.167	-.413	.045	.1162	1.0000
6	6	10	42.715	12.921	12.921	-.413	-.013	-.1.0316	1.0000
6	6	11	37.701	16.608	16.608	.308	.978	5.9286	1.0000
6	6	12	8.168	8.026	-.6.026	-.016	.183	1.2158	1.0000
6	6	13	7.191	7.395	-.1.395	-.264	.057	.6618	1.0000
6	6	14	1.632	3.413	3.413	.281	-.599	-.1.7193	1.0000
6	6	15	10.104	10.528	10.528	.428	.236	1.0185	1.0000
6	6	16	1.248	2.547	-.2.547	-.261	-.1.0385	-.1.5841	1.0000
6	6	17	32.282	25.197	25.197	.322	-.012	-.1.0520	1.0000
6	6	18	14.578	12.378	12.378	-.095	.014	-.2.0429	1.0000
6	6	19	4.198	4.422	-.4.422	-.038	-.021	-.1.0215	1.0000
6	6	20	1.412	2.502	2.502	.036	-.936	-.1.5016	1.0000
6	6	21	4.561	6.916	6.916	.611	.516	1.0000	1.0000
6	6	22	6.027	6.607	-.6.607	-.086	-.119	-.1.0128	1.0000
6	6	23	3.333	1.641	2.641	.114	-.146	-.1.3445	1.0000
6	6	24	11.105	11.619	11.619	.519	-.1.229	-.1.3083	1.0000
6	6	25	55.108	55.608	-.5.608	-.618	-.0.199	-.6.7232	1.0000
6	6	26	10.215	16.128	16.128	-.618	-.1.122	-.1.5492	1.0000
6	6	27	1.102	6.322	6.322	.025	-.5.495	-.1.0592	1.0000
6	6	28	7.102	7.424	7.424	.035	.911	2.0166	1.0000
6	6	29	5.445	5.166	-.5.166	-.137	.231	1.0250	1.0000
6	6	30	1.1.1.8	1.176	1.176	.235	-.6.685	-.1.0080	1.0000
6	6	31	9.304	9.528	-.9.528	-.045	-.024	-.1.1959	1.0000
6	6	32	5.508	5.816	5.816	.032	-.024	-.1.1959	1.0000
6	6	33	12.420	13.146	13.146	.032	-.024	-.1.1959	1.0000
6	6	34	2.026	1.044	1.044	-.018	-.1.580	-.1.6220	1.0000
6	6	35	15.950	15.173	15.173	-.018	-.1.580	-.1.6220	1.0000
6	6	36	9.961	10.261	10.261	.280	-.1.82	-.1.1.0000	1.0000
6	6	37	9.681	9.681	16.250	.800	-.6.76	-.1.6.6524	1.0000
6	6	38	2.400	2.681	2.681	.282	.625	1.1897	1.0000
6	6	39	10.061	11.172	11.172	.115	.785	2.8718	1.0000
6	6	40	1.638	1.926	1.926	-.292	-.2.404	-.1.2.404	1.0000
6	6	41	16.730	16.466	16.466	.270	1.262	2.0302	1.0000
6	6	42	19.222	19.592	19.592	.365	-.1.380	-.1.1.380	1.0000
6	6	43	2.064	1.334	1.334	.166	-.533	-.1.1.769	1.0000
6	6	44	1.952	2.214	2.214	-.019	.760	1.7555	1.0000
6	6	45	9.995	10.960	10.960	-.019	-.082	-.1.1.331	1.0000
6	6	46	7.621	9.162	9.162	.120	-.581	-.1.4.216	1.0000
6	6	47	26.261	23.545	23.545	.120	.292	1.0079	1.0000
6	6	48	1.028	.292	.292	-.060	.601	3.0158	1.0000
6	6	49	1.028	.292	.292	-.060	.601	3.0158	1.0000

H	K	L	F(INDS)	F(CALC)	ALCALC1	F(CALC)	DELTA F	DELTA/VSIGMA	ENT. FACTOR
7	-5	-5	5.783	5.792	-5.791	-0.108	0.01	0.5170	1.0000
7	-5	-1	3.027	2.795	-0.792	0.09	0.232	0.3166	1.0000
7	-5	-1	71.984	23.956	21.956	0.09	0.03	0.1616	1.0000
7	-5	1	11.121	11.251	-11.250	-0.130	-0.130	-1.0578	1.0000
7	-5	1	44.232	45.189	-45.181	-0.060	-0.052	-0.1591	1.0000
7	-5	2	8.557	8.596	-8.596	-0.039	-0.039	-0.1035	1.0000
7	-5	2	9.362	9.742	-9.742	-0.380	-0.380	-1.3996	1.0000
7	-5	2	12.473	12.244	-12.244	-0.229	-0.229	-0.8616	1.0000
7	-5	2	11.710	11.295	-11.295	-0.415	-0.415	-1.5070	1.0000
7	-5	2	2.242	1.360	-0.882	0.08	0.181	0.0591	1.0000
7	-5	2	20.720	17.885	-17.885	-0.070	-0.070	-0.1661	1.0000
7	-5	2	7.420	7.624	-7.624	-0.052	-0.052	-0.1281	1.0000
7	-5	2	20.720	10.206	-10.505	-0.281	-0.281	-1.0630	1.0000
7	-5	2	9.997	10.278	-10.272	-0.275	-0.275	-1.0157	1.0000
7	-5	2	4.291	4.431	-4.431	-0.140	-0.140	-0.3295	1.0000
7	-5	2	7.420	7.624	-7.624	-0.09	-0.09	-0.2075	1.0000
7	-5	2	6.412	6.410	-0.002	0.00	0.00	-0.0000	1.0000
7	-5	2	17.509	10.292	-16.217	-0.20	-0.191	-0.6930	1.0000
7	-5	2	1.539	1.236	-0.303	0.260	0.510	-2.0930	1.0000
7	-5	2	2.071	2.266	-2.266	-0.191	-0.191	-0.4943	1.0000
7	-5	2	6.249	6.100	-0.149	0.020	0.059	-0.1317	1.0000
7	-5	2	5.456	5.100	-0.356	0.08	0.259	-0.8297	1.0000
7	-5	2	4.450	4.228	-0.222	0.11	0.280	-1.0000	1.0000
7	-5	2	12.012	12.221	-12.221	-0.209	-0.209	-0.5914	1.0000
7	-5	2	11.008	25.240	23.232	0.22	0.22	0.865	1.0000
7	-5	2	28.101	32.642	32.642	0.077	0.077	0.2445	1.0000
7	-5	2	2.028	2.490	-2.490	-0.46	-0.46	-1.3077	1.0000
7	-5	2	8.901	1.830	-7.071	-0.33	-0.33	-0.8224	1.0000
7	-5	2	10.737	21.823	-11.086	-0.630	-0.630	-2.0024	1.0000
7	-5	2	16.401	19.671	-16.672	-0.270	-0.270	-0.7300	1.0000
7	-5	2	1.202	2.010	-2.010	-0.805	-0.805	-2.5459	1.0000
7	-5	2	10.003	10.482	-10.482	-0.478	-0.478	-1.4602	1.0000
7	-5	2	12.208	15.109	-15.109	-0.891	-0.891	-2.8860	1.0000
7	-5	2	7.661	1.021	-6.640	-0.01	0.179	1.2310	1.0000
7	-5	2	0.669	0.910	-0.241	0.012	0.170	-1.1294	1.0000
7	-5	2	3.029	3.044	-3.044	-0.014	-0.014	-0.3640	1.0000
7	-5	2	29.194	29.122	-0.072	0.02	0.072	0.2409	1.0000
7	-5	2	20.712	27.419	-27.419	-0.301	-0.301	-0.9954	1.0000
7	-5	2	1.698	0.210	-1.488	-0.153	-0.153	-0.4230	1.0000
7	-5	2	3.012	3.515	-3.512	-0.504	-0.504	-1.4243	1.0000
7	-5	2	5.074	4.544	-0.530	0.33	0.762	1.2543	1.0000
7	-5	2	7.272	6.665	-0.607	-0.102	-0.102	-0.2670	1.0000
7	-5	2	3.450	2.740	-0.710	0.09	0.179	-0.0527	1.0000
7	-5	2	7.625	6.665	-0.960	-0.121	-0.121	-0.3172	1.0000
7	-5	2	14.095	13.340	-0.755	-0.070	-0.070	-0.1848	1.0000
7	-5	2	25.050	20.433	-4.617	-0.47	-0.47	-1.3603	1.0000
7	-5	2	22.620	22.423	-0.197	-0.297	-0.297	-0.815	1.0000
7	-5	2	9.467	9.110	-0.357	-0.040	-0.040	-0.106	1.0000
7	-5	2	27.100	27.612	-27.609	-0.41	-0.41	-1.1530	1.0000
7	-5	2	11.227	14.813	-14.813	-0.19	-0.19	-0.506	1.0000
7	-5	2	0.762	0.053	-0.709	-0.34	-0.34	-0.901	1.0000
7	-5	2	3.774	2.317	-1.457	-0.167	-0.167	-0.462	1.0000
7	-5	2	10.013	0.290	-9.723	-0.173	-0.173	-0.6670	1.0000

STRUCTURE FACTORS

II	K	L	FIBRS1	FIBRS2	AFIBRS1	AFIBRS2	EQCALM1	DELTA F	DELTA/SIGNA	EXT. FACTOR
7	0	-2	2.320	2.035	0.025	0.025	0.025	0.484	1.9409	1.0000
7	0	-3	1.660	1.605	-0.005	-0.005	-0.005	1.055	2.4325	1.0000
7	0	-3	8.771	8.298	0.298	0.298	0.298	4.712	4.1193	1.0000
7	0	-1	25.115	24.915	-0.200	-0.200	-0.200	0.260	1.3213	1.0000
7	0	-1	11.391	11.182	-0.209	-0.209	-0.209	0.209	1.6210	1.0000
7	0	0	30.621	30.365	-0.256	-0.256	-0.256	0.532	2.3022	1.0000
7	0	0	12.015	12.149	0.134	0.134	0.134	-0.572	-0.5274	1.0000
7	0	0	27.001	27.124	0.023	0.023	0.023	0.762	2.0522	1.0000
7	0	0	8.469	8.665	0.196	0.196	0.196	-0.276	-0.2552	1.0000
7	0	0	1.917	1.819	-0.098	-0.098	-0.098	0.930	1.1237	1.0000
7	0	0	2.437	2.335	-0.102	-0.102	-0.102	0.761	0.1022	1.0000
7	0	0	2.771	2.735	-0.036	-0.036	-0.036	0.215	1.6072	1.0000
7	0	0	17.761	17.730	-0.031	-0.031	-0.031	-0.020	-0.1574	1.0000
7	0	0	11.765	11.822	0.057	0.057	0.057	4.711	3.4199	1.0000
7	0	0	24.221	24.282	0.061	0.061	0.061	5.849	2.4180	1.0000
7	0	0	15.117	15.221	0.094	0.094	0.094	0.966	0.2194	1.0000
7	0	0	6.032	6.035	0.003	0.003	0.003	-0.059	-0.2146	1.0000
7	0	0	2.285	2.037	-0.248	-0.248	-0.248	0.036	0.1570	1.0000
7	0	0	4.301	4.301	0.000	0.000	0.000	0.000	1.0264	1.0000
7	0	0	5.961	5.771	-0.190	-0.190	-0.190	4.222	2.0067	1.0000
7	0	0	12.212	12.055	-0.157	-0.157	-0.157	2.218	1.2292	1.0000
7	0	0	2.684	2.609	-0.075	-0.075	-0.075	0.261	2.4022	1.0000
7	0	0	3.762	3.878	0.116	0.116	0.116	-0.814	-1.0562	1.0000
7	0	0	21.602	21.765	0.163	0.163	0.163	-0.170	-0.0005	1.0000
7	0	0	1.040	1.040	0.000	0.000	0.000	0.000	2.2227	1.0000
7	0	0	14.822	14.822	0.000	0.000	0.000	0.932	0.5792	1.0000
7	0	0	11.022	11.022	0.000	0.000	0.000	0.266	-0.0525	1.0000
7	0	0	1.728	1.728	0.000	0.000	0.000	0.020	0.1494	1.0000
7	0	0	1.097	1.027	-0.070	-0.070	-0.070	-0.821	-0.0152	1.0000
7	0	0	15.064	15.251	0.187	0.187	0.187	0.215	0.6041	1.0000
7	0	0	14.970	14.980	0.010	0.010	0.010	0.203	2.6225	1.0000
7	0	0	12.122	12.203	0.081	0.081	0.081	4.460	2.5654	1.0000
7	0	0	2.595	2.691	0.096	0.096	0.096	0.209	2.6220	1.0000
7	0	0	6.438	6.498	0.060	0.060	0.060	0.625	1.6220	1.0000
7	0	0	8.022	8.022	0.000	0.000	0.000	-0.328	-0.6002	1.0000
7	0	0	1.127	0.225	-0.902	-0.902	-0.902	0.002	0.0238	1.0000
7	0	0	2.509	0.925	-1.584	-1.584	-1.584	0.897	1.8091	1.0000
7	0	0	12.104	12.112	0.008	0.008	0.008	0.184	1.2320	1.0000
7	0	0	48.450	47.463	-0.987	-0.987	-0.987	0.692	0.6190	1.0000
7	0	0	14.725	14.193	-0.532	-0.532	-0.532	5.211	2.5216	1.0000
7	0	0	12.292	15.712	3.420	3.420	3.420	0.675	0.4652	1.0000
7	0	0	2.022	1.672	-0.350	-0.350	-0.350	0.510	1.8552	1.0000
7	0	0	1.125	0.565	-0.560	-0.560	-0.560	0.614	0.7405	1.0000
7	0	0	2.106	1.932	-0.174	-0.174	-0.174	0.170	0.3226	1.0000
7	0	0	10.057	10.210	0.153	0.153	0.153	0.448	0.5385	1.0000
7	0	0	0.418	0.433	0.015	0.015	0.015	0.136	1.4035	1.0000
7	0	0	20.209	19.560	-0.649	-0.649	-0.649	0.643	3.5225	1.0000
7	0	0	12.923	12.512	-0.411	-0.411	-0.411	0.010	0.016	1.0000
7	0	0	5.576	6.702	1.126	1.126	1.126	-0.226	-1.0121	1.0000
7	0	0	11.554	11.056	-0.498	-0.498	-0.498	-0.300	-2.1091	1.0000
7	0	0	2.293	2.493	0.200	0.200	0.200	-0.249	-0.5334	1.0000
7	0	0	13.493	12.293	-1.200	-1.200	-1.200	-0.830	-6.0674	1.0000

N	K	L	FIDIST	F(CALC)	ACCALC	RECALC	DELTA F	DELTA/SIGMA	EXT. FACTOR
0	-7	-4	6.504	6.365	6.345	.072	.059	.3259	1.0000
0	-7	-3	1.958	1.979	-1.970	-0.68	-0.761	-0.4365	1.0000
0	-7	-2	14.025	14.056	-14.066	-0.212	-0.209	1.4420	1.0000
0	-7	-1	1.124	0.447	0.430	0.226	0.707	0.972	1.0000
0	-7	0	9.274	9.511	9.510	0.130	-0.285	-2.0205	1.0000
0	-7	1	10.081	11.055	-11.094	-0.106	-0.438	-4.0924	1.0000
0	-7	2	17.257	18.480	-18.468	-0.277	-1.084	-6.0802	1.0000
0	-7	3	14.270	13.283	-13.257	0.347	0.347	2.8239	1.0000
0	-7	4	10.071	10.42	-10.42	0.116	0.213	1.6402	1.0000
0	-6	-1	2.014	2.050	2.052	0.190	0.320	1.0522	1.0000
0	-6	-2	1.391	0.986	0.974	0.11	0.116	1.474	1.0000
0	-6	-3	13.470	17.408	17.460	0.24	0.247	0.2392	1.0000
0	-6	-4	27.276	28.222	-15.222	-0.139	-0.134	-6.0117	1.0000
0	-6	-5	2.029	0.143	-0.142	0.112	0.108	-1.0150	1.0000
0	-6	-6	13.028	24.125	-14.125	-0.101	-0.82	-2.0000	1.0000
0	-6	-7	10.224	9.420	-9.420	-1.04	1.0047	1.0047	1.0000
0	-5	-1	5.126	5.020	5.415	0.222	0.05	1.9155	1.0000
0	-5	-2	40.016	39.071	39.073	0.61	0.69	2.6238	1.0000
0	-5	-3	6.522	6.508	6.478	0.059	0.055	0.279	1.0000
0	-5	-4	1.572	1.407	-7.406	-0.125	0.125	1.8000	1.0000
0	-5	-5	21.129	22.203	22.203	0.279	-0.068	-1.4210	1.0000
0	-5	-6	16.160	16.424	-16.424	-0.171	-0.142	-2.1850	1.0000
0	-5	-7	1.073	6.051	6.123	0.127	-0.27	-2.5127	1.0000
0	-4	-1	3.120	2.907	3.507	0.60	0.707	0.1471	1.0000
0	-4	-2	1.070	4.529	-4.529	-0.220	-0.220	-3.220	1.0000
0	-4	-3	7.522	1.022	-1.022	-0.220	-0.312	-0.312	1.0000
0	-4	-4	0.572	3.022	0.242	0.04	0.10	3.4402	1.0000
0	-4	-5	0.572	2.926	1.149	0.04	0.05	3.9002	1.0000
0	-4	-6	11.000	12.070	-11.070	-0.272	-0.42	-0.622	1.0000
0	-4	-7	5.643	5.643	3.643	0.220	0.205	0.0007	1.0000
0	-3	-1	4.590	4.202	4.122	0.02	0.56	1.4202	1.0000
0	-3	-2	52.925	55.212	-55.212	-0.272	-2.272	-0.9529	1.0000
0	-3	-3	11.245	11.281	-11.281	-0.126	-0.007	-0.0002	1.0000
0	-3	-4	9.516	9.506	-0.506	-0.285	0.021	1.1586	1.0000
0	-3	-5	21.200	20.721	-20.700	-0.259	0.009	2.9879	1.0000
0	-3	-6	2.017	2.922	2.922	0.059	-0.002	-0.2027	1.0000
0	-3	-7	2.017	2.017	2.017	0.005	0.447	0.447	1.0000
0	-2	-1	11.012	11.528	11.528	0.215	-0.084	-0.6252	1.0000
0	-2	-2	15.012	12.309	-12.309	-0.143	-0.120	-1.7202	1.0000
0	-2	-3	2.114	2.869	2.869	0.12	-0.722	-1.7202	1.0000
0	-2	-4	20.175	21.352	-21.352	-0.239	-0.177	-0.7402	1.0000
0	-2	-5	4.249	4.225	4.125	0.07	0.04	0.1742	1.0000
0	-2	-6	4.905	4.912	4.911	0.069	0.07	2.3224	1.0000
0	-2	-7	18.707	18.102	-18.102	-0.155	0.08	3.4220	1.0000
0	-1	-1	21.920	21.021	21.021	0.312	0.02	0.1227	1.0000
0	-1	-2	2.229	2.600	2.199	0.07	-0.262	-0.7620	1.0000
0	-1	-3	8.712	1.521	-0.019	-0.162	-0.109	-0.0762	1.0000
0	-1	-4	2.030	1.007	-1.007	-0.273	0.192	0.1861	1.0000
0	-1	-5	12.247	11.657	12.452	0.227	-0.211	-1.6499	1.0000
0	-1	-6	19.874	20.120	20.120	0.095	-0.255	-1.0125	1.0000
0	-1	-7	1.205	2.523	-2.521	-0.116	-1.248	-1.0120	1.0000
0	-1	-8	12.094	12.252	12.252	0.194	0.742	5.5657	1.0000
0	-1	-9	5.250	5.217	5.217	0.045	0.041	0.2299	1.0000

H	K	L	F(DBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	ERR	FACTOR
0	-1	-3	27.016	27.096	-27.092	-.367	.722	3.2263		1.0000
0	-1	-2	9.716	9.692	9.691	.142	.225	1.9467		1.0000
0	-1	-2	0.020	7.036	-7.015	-.126	.105	.212		1.0000
0	-1	0	4.528	4.520	4.517	.162	.093	.2709		1.0000
0	-1	1	14.177	14.475	14.473	.225	.297	.7.1575		1.0000
0	-1	2	15.552	15.959	-15.597	-.225	-.407	-2.9261		1.0000
0	-1	3	23.420	24.749	-24.742	-.513	-.1.312	-6.2960		1.0000
0	0	-5	5.460	5.134	-5.112	-.227	.322	1.4730		1.0000
0	0	-4	23.648	22.284	-22.284	-.279	.610	2.5216		1.0000
0	0	-3	6.361	5.681	-5.673	-.078	.673	6.4414		1.0000
0	0	-2	23.123	26.740	-26.745	-.031	1.352	6.2200		1.0000
0	0	-1	4.838	4.693	4.693	.010	.205	-.2799		1.0000
0	0	0	4.012	3.617	2.500	-.236	.200	.6225		1.0000
0	0	1	1.501	1.440	1.590	.087	.054	.2325		1.0000
0	0	2	2.762	2.409	-2.408	-.003	.602	2.7340		1.0000
0	0	3	11.232	10.051	-10.051	-.005	.902	1.4090		1.0000
0	0	4	7.958	7.741	-7.740	-.019	.212	1.4512		1.0000
0	0	5	6.602	6.702	1.658	.166	.093	-.4410		1.0000
0	0	6	1.624	1.323	-1.323	-.050	.201	-.1267		1.0000
0	0	7	10.450	10.450	-10.450	-.014	.633	2.832		1.0000
0	0	8	4.508	4.344	-4.344	-.036	.136	-.7330		1.0000
0	0	9	29.482	29.176	-29.176	-.316	-.266	-1.2721		1.0000
0	1	1	17.211	16.400	-16.400	-.811	-.502	-1.8002		1.0000
0	1	2	1.111	.570	-.507	-.067	.734	9.521		1.0000
0	1	3	6.918	6.730	-6.730	-.022	.100	1.2822		1.0000
0	1	4	12.089	10.193	-10.190	-.050	.823	5.7172		1.0000
0	1	5	1.103	.472	-.430	-.073	.433	4.548		1.0000
0	1	6	2.590	2.402	2.402	.036	.061	1.1557		1.0000
0	1	7	0.630	0.630	0.625	-.005	-.215	-1.2660		1.0000
0	1	8	10.375	10.120	-10.120	-.030	.553	2.5375		1.0000
0	1	9	6.171	9.427	-9.426	-.066	.744	4.1501		1.0000
0	2	-3	6.106	5.026	-5.026	-.052	.479	2.7375		1.0000
0	2	-2	2.196	3.230	3.231	.069	.505	2.0350		1.0000
0	2	-1	2.913	1.791	-1.791	-.067	.497	2.2502		1.0000
0	2	0	12.027	12.162	-12.150	-.030	-.123	-1.6030		1.0000
0	2	1	13.750	13.877	-13.877	-.007	-.632	-1.4050		1.0000
0	2	2	2.440	.843	-.843	-.010	.606	4.1305		1.0000
0	2	3	2.137	2.001	2.001	.036	.136	1.5945		1.0000
0	2	4	19.031	18.232	-18.232	-.308	-.101	-.5212		1.0000
0	2	5	7.420	8.600	8.600	.035	-.1.678	-5.3311		1.0000
0	2	6	7.273	7.037	7.037	.035	.225	2.0290		1.0000
0	2	7	0.675	0.732	0.730	.013	.142	.5367		1.0000
0	2	8	0.160	0.057	0.057	.050	.122	-.1284		1.0000
0	2	9	28.170	21.530	-21.536	-.363	-.260	-1.7154		1.0000
0	3	-1	9.923	11.123	-11.117	-.430	-.1.457	-1.1245		1.0000
0	3	0	11.793	12.110	12.110	.130	-.562	-2.0022		1.0000
0	3	1	18.615	18.097	-18.095	-.429	.511	3.4045		1.0000
0	3	2	10.623	10.229	-10.228	-.139	.398	2.5027		1.0000
0	3	3	1.137	.896	-.591	-.065	.512	4.6685		1.0000
0	3	4	3.070	3.225	-3.216	-.027	-.307	-1.0319		1.0000
0	3	5	7.114	6.237	6.237	.010	.777	4.0028		1.0000
0	3	6	10.930	10.930	-10.929	-.002	-.442	-2.6276		1.0000

N	H	L	+ (OBS)	FIC (O)	AC (O)	DC (O)	DELTA F	DELTA/SIGMA	EXP. FACTOR
0	-4	-4	1.6937	3.347	-5.256	-.189	1.490	0.8360	1.0000
0	-4	-4	1.055	3.175	-3.175	.001	.879	3.6730	1.0000
0	-4	-2	11.610	91.000	91.197	.666	.610	1.0771	1.0000
0	-4	-1	14.193	11.105	11.105	.126	-.602	-.0163	1.0000
0	-4	0	19.201	19.205	-19.208	-.131	-.126	-.7009	1.0000
0	-4	1	11.820	11.690	-11.696	-.060	-.216	-.2650	1.0000
0	-2	-1	1.155	.179	-.707	.005	.596	.6000	1.0000
0	-2	0	0.910	6.030	6.035	.073	.836	1.8621	1.0000
0	-2	1	1.300	2.600	-2.601	-.609	-.299	-.7277	1.0000
0	-1	-2	1.120	12.000	12.000	.178	1.160	3.1620	1.0000
0	-1	-1	1.530	7.000	-6.740	-.017	.692	-.0376	1.0000
0	-1	0	10.837	17.100	-15.709	-.251	.692	-.6430	1.0000
0	-1	1	8.052	2.600	-2.603	-.103	-.271	-.2201	1.0000
0	-1	2	8.173	1.520	1.520	.166	.242	1.1000	1.0000
0	-1	3	1.900	2.800	-2.720	-.204	-.421	-.9800	1.0000
0	-1	4	16.809	16.010	-16.000	-.797	.597	0.4207	1.0000
0	-2	-2	10.138	15.671	-15.673	-.032	.635	2.1143	1.0000
0	-2	-1	8.920	8.827	8.120	.126	-.399	-1.2510	1.0000
0	-2	0	2.920	1.112	-.211	-.412	.600	1.4610	1.0000
0	-2	1	0.370	0.910	0.120	.168	-.310	-.2920	1.0000
0	-2	2	12.529	16.011	-15.017	-.114	-.609	-.8422	1.0000
0	-2	3	5.084	1.615	-4.531	-.129	.626	1.6622	1.0000
0	-2	4	10.802	9.505	-9.505	-.182	1.831	11.0210	1.0000
0	-1	-1	12.702	22.000	22.000	.286	.070	0.017	1.0000
0	-1	-2	12.177	12.400	12.400	.685	.181	.6791	1.0000
0	-1	-3	9.298	21.515	-21.515	-.601	.601	1.0192	1.0000
0	-1	-4	1.642	9.340	-8.341	-.609	-.682	-2.0202	1.0000
0	-1	-5	1.000	1.521	-.601	.101	2.583	10.1400	1.0000
0	-1	-6	1.000	1.521	-1.521	-.051	.210	1.7410	1.0000
0	-1	-7	1.111	.711	-.170	-.137	.400	0.6170	1.0000
0	-1	-8	1.719	2.700	-2.190	-.040	.411	2.62190	1.0000
0	-1	-9	1.125	1.326	-.206	.052	.825	1.0121	1.0000
0	-1	-10	14.216	14.070	-14.070	-.046	.625	1.0121	1.0000
0	-1	-11	20.524	19.645	-19.645	-.852	1.079	10.4450	1.0000
0	-1	-12	19.070	15.217	-15.217	-.356	1.850	16.920	1.0000
0	-1	-13	19.070	15.217	-15.217	-.356	1.850	16.920	1.0000
0	-1	-14	2.305	2.692	2.692	.028	-.607	-.7914	1.0000
0	-1	-15	0.191	5.030	5.030	.042	.551	1.0715	1.0000
0	-1	-16	15.250	14.286	-14.286	-.094	.899	6.8316	1.0000
0	-1	-17	22.026	21.621	-21.621	-.398	.431	2.2105	1.0000
0	-1	-18	1.209	1.070	1.070	.083	.220	1.1170	1.0000
0	-1	-19	6.532	1.219	1.219	.150	-.740	-.3173	1.0000
0	-1	-20	4.082	5.391	-5.391	-.109	-.600	-.2.0000	1.0000
0	-1	-21	22.505	22.215	-22.215	-.201	.090	0.674	1.0000
0	-1	-22	19.500	19.156	-19.156	-.345	.020	2.4212	1.0000
0	-1	-23	2.980	2.041	2.041	-.069	.520	1.9209	1.0000

WYASTE BELONGING AT 600 DEGREES C PU-FC TABLE

RESULTS OF STRUCTURE FACTOR CALCULATIONS

ALL REFLECTIONS

WEIGHTED R	NUMERATOR	DENOMINATOR	NUMBER	R
47643.14	18038768.92		1761	.051
UNWEIGHTED R	996.97	23250.55	1761	.043

VALUES OF F(001)

12970.00	4981015.68	4237	.056
7720.15	4422955.68	358	.039
4054.11	2050247.00	91	.046
3957.66	1128264.00	52	.038
171.00	413216.60	3	.016
11.25	84593.40	1	.016
2025.73	2155274.38	1	.042
11001.00	3056296.33	0	.010

VALUES OF (SCATTERING) PLANE

2912.90	2433222.04	80	.030
6025.11	2132155.67	127	.031
10112.60	3497454.61	142	.036
6041.05	1666658.80	213	.034
1344.02	1592863.91	262	.030
1112.00	1422011.60	269	.031
3109.92	1731566.54	297	.032
3701.00	2290301.00	312	.030

WYASTE REFLECTIONS

WYASTE W	WYASTE W	WYASTE W	WYASTE W
12970.00	12970.00	12970.00	12970.00
7720.15	7720.15	7720.15	7720.15
4054.11	4054.11	4054.11	4054.11
3957.66	3957.66	3957.66	3957.66
171.00	171.00	171.00	171.00
11.25	11.25	11.25	11.25
2025.73	2025.73	2025.73	2025.73
11001.00	11001.00	11001.00	11001.00

(VALUES OF F(001))

11266.86	4971005.67	1001	.050
6720.19	4422955.68	298	.039
5050.17	2050247.00	91	.046
3704.77	2500356.06	31	.037
123.09	405292.68	3	.032
11.25	84593.40	3	.034
2025.73	2155274.38	6	.032
332.52	1495561.53	2	.038

VALUES OF (SCATTERING) PLANE

2912.90	2433222.04	71	.030
6025.11	2132155.67	124	.031
10112.60	3497454.61	121	.036
6041.05	1666658.80	103	.034
1344.02	1592863.91	103	.030
1112.00	1422011.60	110	.031
3109.92	1731566.54	120	.032
3701.00	2290301.00	121	.030