H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
3	-3	7	29.609	28.848	-28.848	0.000	0.762	6.3104	1.0000	1041
3	-3	8	5.553	4.275	-4.275	0.000	1.277	6.1805	1.0000	1042
3	-3	9	2.708	2.322	2.322	0.000	0.387	0.9251	1.0000	1043
3	-3	10	55.331	56.389	-56.389	0.000	-1.059	-7.3575	1.0000	1044
3	-3	11	19.261	19.959	19.959	0.000	-0.698	-4.1968	1.0000	1045
3	-3	12	3.525	3.162	3.162	0.000	0.363	0.8641	1.0000	1046
3	-4	12	2.375	0.731	-0.731	0.000	1.644	2.7454	1.0000	1047
3	-4	11	22.725	22.267	-22.267	0.000	0.458	2.8526	1.0000	1048
3	-4	10	14.646	15.735	-15.735	0.000	-1.089	-6.6106	1.0000	1049
3	-4	9	16.189	16.347	16.347	0.000	-0.158	-1.0754	1.0000	1050
3	-4	8	20.214	20.057	-20.057	0.000	0.156	1.1765	1.0000	1051
3	-4	7	13.103	12.863	-12.863	0.000	0.240	1.7998	1.0000	1052
3	-4	6	43.650	42.774	42.774	0.000	0.876	7.8164	1.0000	1053
3	-4	5	31.682	32.085	32.085	0.000	-0.402	-3.7461	1.0000	1054
3	-4	4	25.918	26.412	-26.412	0.000	-0.494	-4.7346	1.0000	1055
3	-4	3	10.288	9.182	9.182	0.000	1.106	9.6438	1.0000	1056
3	-4	2	44.119	43.169	43.169	0.000	0.950	9.0623	1.0000	1057
3	-4	1	60.127	55.223	-55.223	0.000	4.904	41.1833	1.0000	1058
3	-4	0	39.807	35.906	-35.906	0.000	3.901	28.4592	1.0000	1059
3	-5	0	24.148	21.139	21.139	0.000	3.008	20.3079	1.0000	1060
3	-5	1	14.873	13.888	13.888	0.000	0.985	6.7316	1.0000	1061
3	-5	2	8.851	7.958	-7.958	0.000	0.893	6.1615	1.0000	1062
3	-5	3	51.684	48.513	48.513	0.000	3.171	29.6028	1.0000	1063
3	-5	4	67.798	65.464	-65.464	0.000	2.334	22.0329	1.0000	1064
3	-5	5	23.376	21.640	-21.640	0.000	1.736	15.4443	1.0000	1065
3	-5	6	11.529	11.218	-11.218	0.000	0.311	2.3539	1.0000	1066
3	-5	7	20.078	20.345	-20.345	0.000	-0.267	-2.1264	1.0000	1067
3	-5	8	38.627	37.433	-37.433	0.000	1.194	9.3315	1.0000	1068
3	-5	9	35.919	35.319	35.319	0.000	0.600	4.3947	1.0000	1069
3	-5	10	4.766	2.695	2.695	0.000	2.071	8.0057	1.0000	1070
3	-5	12	17.581	18.205	18.205	0.000	-0.624	-3.4726	1.0000	1072
3	-6	12	15.584	14.884	14.884	0.000	0.700	3.7707	1.0000	1073
3	-6	11	4.690	4.803	-4.803	0.000	-0.113	-0.3698	1.0000	1074
3	-6	10	14.389	15.096	-15.096	0.000	-0.707	-4.3433	1.0000	1075
3	-6	9	7.747	9.263	9.263	0.000	-1.517	-7.8621	1.0000	1275
3	-6	8	21.969	21.809	21.809	0.000	0.160	1.1915	1.0000	1077
3	-6	7	29.776	29.523	-29.523	0.000	0.253	2.0414	1.0000	1078
3	-6	6	2.527	2.276	-2.276	0.000	0.251	0.7101	1.0000	1079
3	-6	5	20.668	20.781	20.781	0.000	-0.113	-0.9546	1.0000	1080
3	-6	4	1.952	2.622	-2.622	0.000	-0.670	-1.5914	1.0000	1081
3	-6	3	24.738	25.073	-25.073	0.000	-0.335	-2.7985	1.0000	1082
3	-6	2	29.867	29.520	29.520	0.000	0.347	2.7583	1.0000	1083
3	-6	1	17.702	15.957	15.957	0.000	1.745	11.3312	1.0000	1084
3	-6	0	31.682	29.418	-29.418	0.000	2.264	15.3182	1.0000	1085
3	-7	0	23.648	21.625	-21.625	0.000	2.023	13.2675	1.0000	1086
3	-7	1	34.164	31.605	31.605	0.000	2.559	17.4712	1.0000	1087
3	-7	2	91.748	89.852	-89.852	0.000	1.897	14.3766	1.0000	1088
3	-7	3	9.562	8.942	-8.942	0.000	0.620	4.0677	1.0000	1089
3	-7	4	1.967	0.354	-0.354	0.000	1.613	3.7658	1.0000	1090
3	-7	6	37.114	36.872	-36.872	0.000	0.242	1.9831	1.0000	1092
3	-7	7	62.305	62.764	62.764	0.000	-0.459	-3.5162	1.0000	1093
3	-7	8	3.313	4.129	-4.129	0.000	-0.816	-2.3118	1.0000	1094
3	-7	9	2.829	1.571	1.571	0.000	1.258	3.0553	1.0000	1095

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
3	-7	10	13.980	14.075	14.075	0.000	-0.095	-0.5633	1.0000	1096
3	-7	11	27.355	27.584	27.584	0.000	-0.229	-1.4324	1.0000	1097
3	-7	12	27.083	28.155	-28.155	0.000	-1.072	-6.3768	1.0000	1098
3	-8	12	14.162	14.199	-14.199	0.000	-0.037	-0.1954	1.0000	1099
3	-8	11	6.763	7.252	7.252	0.000	-0.489	-1.9451	1.0000	1100
3	-8	10	13.224	12.724	12.724	0.000	0.500	2.9386	1.0000	1101
3	-8	9	19.109	18.810	-18.810	0.000	0.300	1.9679	1.0000	1102
3	-8	7	39.399	38.170	38.170	0.000	1.228	9.3967	1.0000	1104
3	-8	6	8.276	8.430	-8.430	0.000	-0.154	-0.9403	1.0000	1105
3	-8	5	16.749	16.414	-16.414	0.000	0.335	2.4793	1.0000	1106
3	-8	4	16.719	16.051	16.051	0.000	0.667	4.8794	1.0000	1107
3	-8	3	4.932	3.668	3.668	0.000	1.264	5.1083	1.0000	1108
3	-8	2	61.761	57.622	-57.622	0.000	4.139	28.8570	1.0000	1109
3	-8	0	21.969	20.790	20.790	0.000	1.179	7.4081	1.0000	1111
3	-9	0	73.214	71.536	-71.536	0.000	1.678	11.0150	1.0000	1112
3	-9	1	2.012	0.465	-0.465	0.000	1.547	2.2480	1.0000	1113
3	-9	2	24.359	22.835	22.835	0.000	1.524	9.5142	1.0000	1114
3	-9	3	8.791	8.995	-8.995	0.000	-0.204	-1.0362	1.0000	1115
3	-9	4	21.621	20.550	-20.550	0.000	1.071	7.5560	1.0000	1116
3	-9	5	66.587	67.261	67.261	0.000	-0.674	-5.0876	1.0000	1117
3	-9	6	2.148	2.392	-2.392	0.000	-0.244	-0.4852	1.0000	1118
3	-9	8	20.214	20.591	20.591	0.000	-0.377	-2.5455	1.0000	1120
3	-9	9	25.313	25.984	25.984	0.000	-0.672	-4.4121	1.0000	1121
3	-9	10	40.125	41.469	-41.469	0.000	-1.344	-8.7872	1.0000	1122
3	-9	11	10.984	12.173	12.173	0.000	-1.189	-6.0038	1.0000	1123
3	-10	11	7.852	7.114	-7.114	0.000	0.739	3.1553	1.0000	1124
3	-10	10	16.885	14.888	14.888	0.000	1.997	11.7428	1.0000	1125
3	-10	9	22.438	23.339	23.339	0.000	-0.901	-5.7080	1.0000	1126
3	-10	8	12.936	11.930	-11.930	0.000	1.006	5.8853	1.0000	1127
3	-10	7	5.023	4.126	4.126	0.000	0.898	3.3785	1.0000	1128
3	-10	6	22.211	21.540	21.540	0.000	0.671	4.4744	1.0000	1129
3	-10	5	17.611	15.150	-15.150	0.000	2.461	16.0267	1.0000	1130
3	-10	4	29.579	28.575	-28.575	0.000	1.004	6.7290	1.0000	1131
3	-10	3	13.148	11.521	11.521	0.000	1.627	8.6949	1.0000	1132
3	-10	2	13.420	13.259	13.259	0.000	0.161	0.8806	1.0000	1133
3	-10	1	34.829	33.888	-33.888	0.000	0.941	5.9111	1.0000	1134
3	-10	0	6.718	4.343	4.343	0.000	2.374	9.4030	1.0000	1135
3	-11	2	4.448	3.596	-3.596	0.000	0.853	2.3509	1.0000	1138
3	-11	3	56.223	53.300	53.300	0.000	2.923	18.0224	1.0000	1139
3	-11	4	13.496	12.750	-12.750	0.000	0.746	3.9314	1.0000	1140
3	-11	5	14.979	14.960	14.960	0.000	0.018	0.1062	1.0000	1141
3	-11	6	20.244	20.194	20.194	0.000	0.050	0.3121	1.0000	1142
3	-11	7	2.542	1.388	-1.388	0.000	1.154	2.3097	1.0000	1143
3	-11	8	38.234	37.908	-37.908	0.000	0.326	2.1159	1.0000	1144
3	-11	9	10.561	11.472	11.472	0.000	-0.911	-4.5099	1.0000	1145
3	-11	10	17.203	18.160	-18.160	0.000	-0.957	-5.4135	1.0000	1146
3	-11	11	24.904	25.645	-25.645	0.000	-0.741	-4.2372	1.0000	1147
3	-12	10	9.441	9.576	-9.576	0.000	-0.135	-0.6065	1.0000	1148
3	-12	9	17.157	18.393	18.393	0.000	-1.236	-6.8074	1.0000	1149
3	-12	8	5.462	5.501	5.501	0.000	-0.039	-0.1295	1.0000	1150
3	-12	7	25.903	26.222	-26.222	0.000	-0.319	-1.9466	1.0000	1151
3	-12	6	21.848	20.402	20.402	0.000	1.445	8.6374	1.0000	1152
3	-12	5	18.897	18.550	18.550	0.000	0.347	1.9433	1.0000	1153

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
3	-12	4	22.756	21.313	-21.313	0.000	1.442	7.9581	1.0000	1154
3	-12	3	12.800	12.998	-12.998	0.000	-0.198	-0.9607	1.0000	1155
3	-12	2	21.908	22.326	22.326	0.000	-0.417	-2.3685	1.0000	1156
3	-12	1	9.865	9.531	-9.531	0.000	0.334	1.4245	1.0000	1157
3	-12	0	22.559	21.884	-21.884	0.000	0.675	3.8121	1.0000	1158
3	-13	0	4.963	5.043	5.043	0.000	-0.081	-0.2329	1.0000	1159
3	-13	1	53.348	55.493	55.493	0.000	-2.145	-12.6457	1.0000	1160
3	-13	2	24.844	25.900	-25.900	0.000	-1.057	-5.8649	1.0000	1161
3	-13	3	2.875	3.137	3.137	0.000	-0.262	-0.4313	1.0000	1162
3	-13	4	11.696	7.890	7.890	0.000	3.805	18.3859	1.0000	1163
3	-13	5	6.627	6.384	-6.384	0.000	0.243	0.8475	1.0000	1164
3	-13	6	52.516	53.195	-53.195	0.000	-0.679	-4.0178	1.0000	1165
3	-13	7	22.105	22.470	22.470	0.000	-0.365	-2.0563	1.0000	1166
3	-13	8	13.753	13.989	-13.989	0.000	-0.236	-1.1993	1.0000	1167
3	-13	9	13.496	15.070	-15.070	0.000	-1.574	-7.7826	1.0000	1168
3	-13	10	2.360	2.672	2.672	0.000	-0.312	-0.4642	1.0000	1169
3	-14	9	7.974	8.223	-8.223	0.000	-0.249	-0.9527	1.0000	1170
3	-14	8	7.262	7.215	7.215	0.000	0.048	0.1662	1.0000	1171
3	-14	7	5.870	4.932	4.932	0.000	0.939	2.7562	1.0000	1172
3	-14	6	29.458	27.987	-27.987	0.000	1.471	7.8920	1.0000	1173
3	-14	5	4.630	4.932	-4.932	0.000	-0.302	-0.6970	1.0000	1174
3	-14	4	9.547	10.137	10.137	0.000	-0.590	-2.4279	1.0000	1175
3	-14	3	3.828	4.351	-4.351	0.000	-0.523	-1.1364	1.0000	1176
3	-14	2	9.471	8.320	-8.320	0.000	1.151	4.8114	1.0000	1177
3	-14	1	29.488	29.752	29.752	0.000	-0.264	-1.4626	1.0000	1178
3	-14	0	8.927	9.101	9.101	0.000	-0.175	-0.6996	1.0000	1179
3	-15	0	27.870	29.255	-29.255	0.000	-1.385	-7.4303	1.0000	1180
3	-15	1	5.280	3.058	-3.058	0.000	2.223	6.1965	1.0000	1181
3	-15	2	5.235	4.670	4.670	0.000	0.565	1.5145	1.0000	1182
3	-15	3	18.610	19.691	-19.691	0.000	-1.082	-5.4235	1.0000	1183
3	-15	4	34.239	35.640	-35.640	0.000	-1.401	-7.5207	1.0000	1184
3	-15	5	24.072	24.807	24.807	0.000	-0.736	-3.7866	1.0000	1185
3	-15	6	10.742	11.883	-11.883	0.000	-1.141	-4.4403	1.0000	1186
3	-15	7	11.196	10.652	-10.652	0.000	0.544	2.2990	1.0000	1187
3	-15	8	12.361	13.766	13.766	0.000	-1.405	-6.0203	1.0000	1188
3	-16	5	13.057	12.157	-12.157	0.000	0.900	3.8495	1.0000	1189
3	-16	3	9.759	9.132	9.132	0.000	0.627	2.4144	1.0000	1191
4	-15	5	3.813	0.375	0.375	0.000	3.438	7.5232	1.0000	1193
4	-15	4	7.308	7.120	7.120	0.000	0.188	0.6014	1.0000	1194
4	-15	3	3.087	3.783	-3.783	0.000	-0.696	-1.2087	1.0000	1195
4	-14	0	16.809	18.410	-18.410	0.000	-1.601	-7.8094	1.0000	1196
4	-14	2	11.786	13.072	13.072	0.000	-1.286	-5.6847	1.0000	1198
4	-14	3	21.409	23.826	-23.826	0.000	-2.417	-12.1561	1.0000	1199
4	-14	4	32.151	31.732	31.732	0.000	0.419	2.1978	1.0000	1200
4	-14	5	13.511	13.686	13.686	0.000	-0.175	-0.7728	1.0000	1201
4	-14	6	2.406	2.292	2.292	0.000	0.114	0.1535	1.0000	1202
4	-14	7	4.009	2.056	-2.056	0.000	1.953	4.7339	1.0000	1203
4	-13	8	2.981	2.807	2.807	0.000	0.173	0.3273	1.0000	1204
4	-13	7	5.734	6.510	-6.510	0.000	-0.775	-2.3042	1.0000	1205
4	-13	6	3.752	1.298	-1.298	0.000	2.455	5.7126	1.0000	1206
4	-13	5	5.477	5.018	5.018	0.000	0.459	1.3079	1.0000	1207
4	-13	3	2.254	2.546	-2.546	0.000	-0.292	-0.3765	1.0000	1209
4	-13	2	3.843	3.438	-3.438	0.000	0.405	0.9124	1.0000	1210

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC).	DELTA F	DELTA/SIGMA	EXT. FACTOR	
4	-13	1	4.660	3.950	3.950	0.000	0.710	1.8706	1.0000	1211
4	-13	0	10.107	10.764	-10.764	0.000	-0.657	-2.7400	1.0000	1212
4	-12	0	30.896	30.621	30.621	0.000	0.275	1.5010	1.0000	1213
4	-12	1	33.014	34.409	-34.409	0.000	-1.396	-7.8700	1.0000	1214
4	-12	2	31.728	31.533	-31.533	0.000	0.194	1.0905	1.0000	1215
4	-12	3	12.861	10.901	-10.901	0.000	1.960	9.2311	1.0000	1216
4	-12	4	20.758	18.278	18.278	0.000	2.480	12.9173	1.0000	1217
4	-12	5	39.701	39.311	-39.311	0.000	0.391	2.2826	1.0000	1218
4	-12	6	30.880	31.835	31.835	0.000	-0.955	-5.5893	1.0000	1219
4	-12	7	31.334	30.661	30.661	0.000	0.673	3.9563	1.0000	1220
4	-12	8	8.866	6.863	6.863	0.000	2.004	8.6327	1.0000	1221
4	-12	9	5.341	2.932	-2.932	0.000	2.409	8.2840	1.0000	1222
4	-11	10	3.586	5.127	-5.127	0.000	-1.541	-3.4676	1.0000	1223
4	-11	9	15.962	17.054	17.054	0.000	-1.092	-5.9788	1.0000	1224
4	-11	8	5.538	4.594	-4.594	0.000	0.943	3.4795	1.0000	1225
4	-11	7	20.501	21.539	-21.539	0.000	-1.038	-6.0757	1.0000	1226
4	-11	6	18.640	18.154	18.154	0.000	0.487	2.8948	1.0000	1227
4	-11	5	1.725	1.762	1.762	0.000	-0.037	-0.0480	1.0000	1228
4	-11	4	23.769	24.992	-24.992	0.000	-1.222	-6.9402	1.0000	1229
4	-11	3	2.890	2.452	-2.452	0.000	0.438	0.7810	1.0000	1230
4	-11	2	28.565	28.399	28.399	0.000	0.166	0.9470	1.0000	1231
4	-11	1	17.067	16.248	-16.248	0.000	0.819	4.3752	1.0000	1232
4	-11	0	2.572	3.738	-3.738	0.000	-1.166	-1.7839	1.0000	1233
4	-10	0	11.393	10.724	10.724	0.000	0.668	3.2017	1.0000	1234
4	-10	1	44.361	43.701	-43.701	0.000	0.660	3.9512	1.0000	1235
4	-10	2	24.148	23.253	23.253	0.000	0.895	5.1190	1.0000	1236
4	-10	3	8.791	7.961	-7.961	0.000	0.829	3.6509	1.0000	1237
4	-10	4	27.370	26.850	-26.850	0.000	0.520	3.2532	1.0000	1238
4	-10	5	11.590	11.479	-11.479	0.000	0.111	0.6123	1.0000	1239
4	-10	6	20.516	21.106	21.106	0.000	-0.590	-3.6884	1.0000	1240
4	-10	7	32.983	33.578	-33.578	0.000	-0.594	-3.8625	1.0000	1241
4	-10	8	3.873	4.012	4.012	0.000	-0.138	-0.4062	1.0000	1242
4	-10	9	16.446	16.531	16.531	0.000	-0.085	-0.4862	1.0000	1243
4	-10	10	6.506	6.310	6.310	0.000	0.196	0.7572	1.0000	1244
4	-9	11	5.598	5.574	5.574	0.000	0.024	0.0815	1.0000	1245
4	-9	10	6.445	6.379	6.379	0.000	0.066	0.2612	1.0000	1246
4	-9	9	10.515	10.967	-10.967	0.000	-0.452	-2.3343	1.0000	1247
4	-9	8	20.516	20.280	-20.280	0.000	0.236	1.5007	1.0000	1248
4	-9	7	12.482	11.506	11.506	0.000	0.977	5.8683	1.0000	1249
4	-9	6	4.842	5.465	-5.465	0.000	-0.623	-2.2822	1.0000	1250
4	-9	5	7.716	6.660	-6.660	0.000	1.056	5.2446	1.0000	1251
4	-9	4	12.134	11.725	11.725	0.000	0.409	2.3594	1.0000	1252
4	-9	3	24.783	23.747	23.747	0.000	1.036	6.6037	1.0000	1253
4	-9	2	6.249	4.592	-4.592	0.000	1.657	6.3145	1.0000	1254
4	-9	1	3.556	2.162	-2.162	0.000	1.393	3.3569	1.0000	1255
4	-9	0	11.045	9.158	9.158	0.000	1.887	8.7382	1.0000	1256
4	-8	0	13.647	11.844	11.844	0.000	1.803	9.3618	1.0000	1257
4	-8	1	33.074	31.866	31.866	0.000	1.209	7.5438	1.0000	1258
4	-8	2	30.805	30.501	30.501	0.000	0.304	1.9420	1.0000	1259
4	-8	3	32.015	31.500	-31.500	0.000	0.515	3.5706	1.0000	1260
4	-8	4	41.350	40.811	40.811	0.000	0.539	3.9208	1.0000	1261
4	-8	5	10.137	7.779	-7.779	0.000	2.358	14.4156	1.0000	1262
4	-8	6	19.336	19.073	-19.073	0.000	0.263	1.8409	1.0000	1263

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
4	-8	7	18.413	18.623	-18.623	0.000	-0.210	-1.4254	1.0000	1264
4	-8	8	21.182	21.867	21.867	0.000	-0.685	-4.5607	1.0000	1265
4	-8	9	47.130	47.881	-47.881	0.000	-0.750	-5.0358	1.0000	1266
4	-8	10	1.937	0.470	-0.470	0.000	1.466	2.0767	1.0000	1267
4	-8	11	4.857	3.979	3.979	0.000	0.878	2.8389	1.0000	1268
4	-7	11	4.524	5.802	-5.802	0.000	-1.278	-3.8097	1.0000	1269
4	-7	10	1.725	3.277	3.277	0.000	-1.552	-2.0884	1.0000	1270
4	-7	9	5.734	5.353	-5.353	0.000	0.381	1.5416	1.0000	1271
4	-7	8	8.866	8.676	8.676	0.000	0.190	1.0481	1.0000	1272
4	-7	7	9.713	8.798	8.798	0.000	0.915	5.5661	1.0000	1273
4	-7	6	3.223	0.452	-0.452	0.000	2.771	9.3868	1.0000	1274
4	-7	5	3.571	3.490	-3.490	0.000	0.080	0.3033	1.0000	1275
4	-7	4	7.807	7.375	7.375	0.000	0.432	2.5187	1.0000	1276
4	-7	3	7.565	1.028	1.028	0.000	6.537	37.5041	1.0000	1277
4	-7	2	17.036	16.118	-16.118	0.000	0.918	5.9507	1.0000	1278
4	-7	1	14.676	13.089	13.089	0.000	1.587	9.1076	1.0000	1279
4	-7	0	6.294	5.151	5.151	0.000	1.143	4.1466	1.0000	1280
4	-6	0	51.503	47.484	47.484	0.000	4.018	26.0631	1.0000	1281
4	-6	1	32.999	30.705	-30.705	0.000	2.294	14.8763	1.0000	1282
4	-6	2	7.807	6.404	6.404	0.000	1.403	7.7691	1.0000	1283
4	-6	3	42.969	42.073	42.073	0.000	0.897	7.1058	1.0000	1284
4	-6	4	68.902	66.035	66.035	0.000	2.867	23.4207	1.0000	1285
4	-6	5	32.333	30.693	-30.693	0.000	1.640	13.1718	1.0000	1286
4	-6	6	38.930	39.577	39.577	0.000	-0.648	-5.1037	1.0000	1287
4	-6	7	7.731	6.888	6.888	0.000	0.843	4.7188	1.0000	1288
4	-6	8	27.264	27.362	-27.362	0.000	-0.097	-0.6938	1.0000	1289
4	-6	9	33.241	31.682	-31.682	0.000	1.558	10.5864	1.0000	1290
4	-6	10	17.914	18.225	18.225	0.000	-0.311	-1.8917	1.0000	1291
4	-6	11	28.142	29.811	-29.811	0.000	-1.669	-10.2406	1.0000	1292
4	-5	11	2.633	1.058	-1.058	0.000	1.575	3.2218	1.0000	1293
4	-5	10	10.061	9.376	-9.376	0.000	0.685	3.6783	1.0000	1294
4	-5	9	19.957	19.979	19.979	0.000	-0.022	-0.1468	1.0000	1295
4	-5	8	7.489	7.264	7.264	0.000	0.225	1.1791	1.0000	1296
4	-5	7	28.278	28.859	-28.859	0.000	-0.581	-4.4357	1.0000	1297
4	-5	6	12.452	12.557	12.557	0.000	-0.105	-0.7646	1.0000	1298
4	-5	5	19.291	18.848	18.848	0.000	0.443	3.5784	1.0000	1299
4	-5	4	19.109	19.155	-19.155	0.000	-0.046	-0.3757	1.0000	1300
4	-5	3	19.805	19.217	-19.217	0.000	0.588	4.7769	1.0000	1301
4	-5	2	36.675	35.953	35.953	0.000	0.722	5.7310	1.0000	1302
4	-5	1	21.696	20.789	-20.789	0.000	0.908	6.1399	1.0000	1303
4	-5	0	30.790	30.176	-30.176	0.000	0.614	3.9653	1.0000	1304
4	-4	0	10.515	7.470	-7.470	0.000	3.045	14.8312	1.0000	1305
4	-4	1	64.469	62.157	-62.157	0.000	2.312	17.4832	1.0000	1306
4	-4	2	36.857	35.120	35.120	0.000	1.736	14.6946	1.0000	1307
4	-4	3	14.086	12.754	-12.754	0.000	1.332	11.0633	1.0000	1308
4	-4	4	19.079	18.382	-18.382	0.000	0.697	5.8879	1.0000	1309
4	-4	5	12.513	11.486	11.486	0.000	1.026	8.0455	1.0000	1310
4	-4	6	43.922	44.835	44.835	0.000	-0.913	-7.4947	1.0000	1311
4	-4	7	19.593	19.619	-19.619	0.000	-0.025	-0.1903	1.0000	1312
4	-4	8	26.372	25.320	25.320	0.000	1.052	7.5810	1.0000	1313
4	-4	9	17.475	16.500	16.500	0.000	0.976	6.3028	1.0000	1314
4	-4	10	4.115	3.740	-3.740	0.000	0.376	1.0733	1.0000	1315
4	-4	11	21.348	22.159	-22.159	0.000	-0.811	-4.7808	1.0000	1316

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
4	-3	11	2.739	2.632	-2.632	0.000	0.107	0.2123	1.0000	1317
4	-3	10	13.118	13.506	13.506	0.000	-0.388	-2.1647	1.0000	1318
4	-3	9	10.107	9.563	9.563	0.000	0.544	3.0853	1.0000	1319
4	-3	8	16.628	15.144	-15.144	0.000	1.483	10.2453	1.0000	1320
4	-3	7	13.647	13.206	13.206	0.000	0.441	3.1197	1.0000	1321
4	-3	6	1.922	2.040	2.040	0.000	-0.119	-0.2740	1.0000	1322
4	-3	5	20.093	19.849	-19.849	0.000	0.244	2.0377	1.0000	1323
4	-3	4	26.009	25.918	-25.918	0.000	0.091	0.8051	1.0000	1324
4	-3	3	12.634	11.958	11.958	0.000	0.675	5.6869	1.0000	1325
4	-3	2	4.811	4.496	-4.496	0.000	0.315	1.9199	1.0000	1326
4	-3	1	8.564	7.071	-7.071	0.000	1.493	10.2137	1.0000	1327
4	-3	0	24.465	22.135	22.135	0.000	2.330	15.3687	1.0000	1328
4	-2	0	6.249	5.352	5.352	0.000	0.896	4.0711	1.0000	1329
4	-2	1	13.859	13.066	13.066	0.000	0.794	6.6900	1.0000	1330
4	-2	2	2.391	0.881	-0.881	0.000	1.509	5.8202	1.0000	1331
4	-2	3	66.254	66.114	-66.114	0.000	0.141	1.3382	1.0000	1332
4	-2	4	34.224	33.812	33.812	0.000	0.412	3.7308	1.0000	1333
4	-2	5	32.560	31.802	-31.802	0.000	0.757	6.5185	1.0000	1334
4	-2	6	26.402	26.318	-26.318	0.000	0.084	0.6737	1.0000	1335
4	-2	7	12.059	11.380	-11.380	0.000	0.678	4.6604	1.0000	1336
4	-2	8	35.586	35.502	35.502	0.000	0.084	0.6099	1.0000	1337
4	-2	9	30.820	31.162	-31.162	0.000	-0.342	-2.3300	1.0000	1338
4	-2	10	29.125	29.592	29.592	0.000	-0.467	-2.9509	1.0000	1339
4	-2	11	22.589	23.779	23.779	0.000	-1.189	-6.9511	1.0000	1340
4	-1	10	9.653	11.065	11.065	0.000	-1.412	-6.8008	1.0000	1342
4	-1	9	15.508	15.257	-15.257	0.000	0.251	1.5426	1.0000	1343
4	-1	8	11.771	11.597	-11.597	0.000	0.174	1.0863	1.0000	1344
4	-1	7	7.686	6.354	6.354	0.000	1.332	7.6198	1.0000	1345
4	-1	5	17.173	17.171	-17.171	0.000	0.001	0.0121	1.0000	1347
4	-1	4	15.887	15.957	15.957	0.000	-0.070	-0.5940	1.0000	1348
4	-1	3	27.779	28.282	28.282	0.000	-0.503	-4.7260	1.0000	1349
4	-1	2	22.831	21.530	-21.530	0.000	1.301	12.5143	1.0000	1350
4	-1	1	2.451	0.247	-0.247	0.000	2.204	10.5338	1.0000	1351
4	-1	0	21.076	19.217	19.217	0.000	1.859	12.4743	1.0000	1352
4	0	0	120.571	126.202	126.202	0.000	-5.630	-44.1442	1.0000	1353
4	0	1	8.337	7.457	-7.457	0.000	0.880	7.4335	1.0000	1354
4	0	2	8.216	7.904	7.904	0.000	0.312	2.4842	1.0000	1355
4	0	3	13.435	12.350	12.350	0.000	1.086	9.5159	1.0000	1356
4	0	4	12.301	11.506	11.506	0.000	0.795	6.0922	1.0000	1357
4	0	5	84.955	83.506	-83.506	0.000	1.449	12.2481	1.0000	1358
4	0	6	8.533	8.441	8.441	0.000	0.093	0.5482	1.0000	1359
4	0	7	11.348	11.398	-11.398	0.000	-0.050	-0.3175	1.0000	1360
4	0	8	23.028	22.618	-22.618	0.000	0.409	2.8102	1.0000	1361
4	0	9	13.209	12.362	-12.362	0.000	0.847	4.9666	1.0000	1362
4	0	10	34.693	34.986	34.986	0.000	-0.293	-1.8083	1.0000	1363
4	1	10	18.247	18.098	-18.098	0.000	0.148	0.8360	1.0000	1364
4	1	9	8.670	8.298	8.298	0.000	0.372	1.7512	1.0000	1365
4	1	8	19.261	20.112	20.112	0.000	-0.852	-5.4644	1.0000	1366
4	1	7	12.437	12.543	-12.543	0.000	-0.106	-0.6649	1.0000	1367
4	1	6	2.663	2.702	2.702	0.000	-0.039	-0.1124	1.0000	1368
4	1	5	22.635	21.607	21.607	0.000	1.028	8.0670	1.0000	1369
4	1	4	3.313	3.100	-3.100	0.000	0.213	0.8613	1.0000	1370
4	1	3	30.820	30.303	-30.303	0.000	0.517	4.5150	1.0000	1371

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
4	1	2	28.974	29.346	29.346	0.000	-0.372	-3.2987	1.0000	1372
4	1	1	3.843	2.378	2.378	0.000	1.465	7.3923	1.0000	1373
4	1	0	20.910	19.217	-19.217	0.000	1.693	11.7517	1.0000	1374
4	2	0	6.309	5.353	5.353	0.000	0.957	5.0101	1.0000	1375
4	2	1	30.729	28.665	-28.665	0.000	2.064	16.3572	1.0000	1376
4	2	2	68.630	68.280	68.280	0.000	0.349	2.9411	1.0000	1377
4	2	3	7.520	7.173	7.173	0.000	0.346	2.1780	1.0000	1378
4	2	4	6.566	3.686	3.686	0.000	2.881	16.3004	1.0000	1379
4	2	5	18.368	16.361	16.361	0.000	2.007	14.7851	1.0000	1380
4	2	6	22.589	22.384	22.384	0.000	0.205	1.4524	1.0000	1381
4	2	7	42.167	42.877	-42.877	0.000	-0.710	-4.9541	1.0000	1382
4	2	8	6.234	5.936	5.936	0.000	0.298	1.1492	1.0000	1383
4	2	9	8.291	6.564	-6.564	0.000	1.728	7.8051	1.0000	1384
4	2	10	13.466	12.952	-12.952	0.000	0.514	2.5782	1.0000	1385
4	3	10	2.315	2.931	2.931	0.000	-0.616	-0.9012	1.0000	1386
4	3	9	9.668	8.366	8.366	0.000	1.302	6.0449	1.0000	1387
4	3	8	14.056	13.506	-13.506	0.000	0.550	3.0566	1.0000	1388
4	3	7	3.813	4.124	4.124	0.000	-0.311	-0.8479	1.0000	1389
4	3	6	13.042	13.464	13.464	0.000	-0.422	-2.5515	1.0000	1390
4	3	5	10.697	9.890	9.890	0.000	0.807	4.9605	1.0000	1391
4	3	4	15.115	13.305	-13.305	0.000	1.810	12.6962	1.0000	1392
4	3	3	11.786	11.533	11.533	0.000	0.254	1.7201	1.0000	1393
4	3	2	1.498	0.652	-0.652	0.000	0.846	1.4181	1.0000	1394
4	3	1	26.674	25.959	-25.959	0.000	0.715	5.3309	1.0000	1395
4	3	0	23.648	22.135	-22.135	0.000	1.513	10.9277	1.0000	1396
4	4	0	11.332	7.470	-7.470	0.000	3.862	21.4146	1.0000	1397
4	4	1	2.254	2.060	2.060	0.000	0.194	0.4218	1.0000	1398
4	4	2	12.618	11.631	-11.631	0.000	0.987	6.4350	1.0000	1399
4	4	3	52.395	51.026	-51.026	0.000	1.369	10.0859	1.0000	1400
4	4	4	49.006	48.942	48.942	0.000	0.064	0.4603	1.0000	1401
4	4	5	9.456	8.830	-8.830	0.000	0.626	3.3995	1.0000	1402
4	4	6	7.958	6.658	6.658	0.000	1.300	6.0525	1.0000	1403
4	4	7	18.368	19.401	19.401	0.000	-1.033	-5.9820	1.0000	1404
4	4	8	43.015	43.809	43.809	0.000	-0.795	-4.7756	1.0000	1405
4	4	9	26.871	27.179	-27.179	0.000	-0.308	-1.7118	1.0000	1406
4	5	8	9.774	9.262	-9.262	0.000	0.512	2.3017	1.0000	1408
4	5	7	10.561	9.582	9.582	0.000	0.978	4.3889	1.0000	1409
4	5	6	11.166	12.047	12.047	0.000	-0.882	-4.5518	1.0000	1410
4	5	5	28.929	29.243	-29.243	0.000	-0.315	-2.0320	1.0000	1411
4	5	4	10.546	10.173	-10.173	0.000	0.372	2.0983	1.0000	1412
4	5	3	23.633	22.982	22.982	0.000	0.651	4.4100	1.0000	1413
4	5	2	20.123	18.603	-18.603	0.000	1.520	9.9687	1.0000	1414
4	5	1	15.887	15.329	-15.329	0.000	0.558	3.4265	1.0000	1415
4	5	0	29.685	30.176	30.176	0.000	-0.491	-3.4973	1.0000	1416
4	6	0	50.141	47.484	47.484	0.000	2.657	19.2328	1.0000	1417
4	6	1	70.052	66.063	-66.063	0.000	3.989	27.8700	1.0000	1418
4	6	2	34.769	32.339	-32.339	0.000	2.429	16.1858	1.0000	1419
4	6	3	8.564	8.348	-8.348	0.000	0.215	1.0454	1.0000	1420
4	6	4	7.641	6.932	6.932	0.000	0.709	3.2435	1.0000	1421
4	6	5	46.570	45.170	-45.170	0.000	1.400	8.8528	1.0000	1422
4	6	6	35.389	33.909	33.909	0.000	1.480	8.9199	1.0000	1423
4	6	7	10.500	10.631	10.631	0.000	-0.131	-0.5732	1.0000	1424
4	6	8	3.888	0.742	-0.742	0.000	3.146	7.7790	1.0000	1425

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
4	7	8	3.495	3.781	3.781	0.000	-0.286	-0.5165	1.0000	1426
4	7	7	8.856	9.871	-9.871	0.000	-0.975	-3.9738	1.0000	1427
4	7	6	10.576	10.416	-10.416	0.000	0.160	0.6959	1.0000	1428
4	7	5	10.636	9.705	9.705	0.000	0.932	4.4235	1.0000	1429
4	7	4	15.160	15.928	15.928	0.000	-0.767	-4.1712	1.0000	1430
4	7	3	12.966	12.318	-12.318	0.000	0.649	3.4942	1.0000	1431
4	7	2	10.061	10.944	10.944	0.000	-0.883	-4.4261	1.0000	1432
4	7	1	9.471	8.754	8.754	0.000	0.718	3.8198	1.0000	1433
4	7	0	5.810	5.151	-5.151	0.000	0.659	2.6066	1.0000	1434
4	8	0	13.103	11.844	11.844	0.000	1.259	7.2526	1.0000	1435
4	8	1	15.175	15.862	-15.862	0.000	-0.687	-4.0666	1.0000	1436
4	8	2	35.056	35.867	35.867	0.000	-0.810	-5.1750	1.0000	1437
4	8	3	26.447	26.534	-26.534	0.000	-0.087	-0.5136	1.0000	1438
4	8	4	21.167	21.093	-21.093	0.000	0.074	0.4156	1.0000	1439
4	8	5	5.613	5.191	-5.191	0.000	0.423	1.2197	1.0000	1440
4	8	6	3.919	3.824	3.824	0.000	0.095	0.2094	1.0000	1441
4	8	7	29.564	30.941	-30.941	0.000	-1.376	-7.2491	1.0000	1442
4	9	5	8.654	7.363	7.363	0.000	1.291	4.9912	1.0000	1444
4	9	4	9.865	8.106	-8.106	0.000	1.759	7.7278	1.0000	1445
4	9	3	3.389	2.785	2.785	0.000	0.604	1.3648	1.0000	1446
4	9	2	11.983	12.140	12.140	0.000	-0.157	-0.8221	1.0000	1447
4	9	1	8.730	8.221	8.221	0.000	0.509	2.4891	1.0000	1448
4	9	0	10.742	9.158	-9.158	0.000	1.584	8.5750	1.0000	1449
4	10	0	10.530	10.724	10.724	0.000	-0.194	-1.0210	1.0000	1450
4	10	1	18.171	19.323	19.323	0.000	-1.152	-6.8043	1.0000	1451
4	10	2	8.972	9.479	9.479	0.000	-0.507	-2.3626	1.0000	1452
4	10	3	12.270	11.830	-11.830	0.000	0.441	2.2105	1.0000	1453
4	10	4	50.338	52.565	52.565	0.000	-2.227	-13.0045	1.0000	1454
4	10	5	9.441	6.824	-6.824	0.000	2.618	10.3227	1.0000	1455
4	11	4	7.943	7.563	-7.563	0.000	0.381	1.5325	1.0000	1456
4	11	3	20.949	21.982	21.982	0.000	-1.043	-5.8294	1.0000	1457
4	11	2	3.813	3.500	-3.500	0.000	0.313	0.7728	1.0000	1458
4	11	1	24.632	26.745	-26.745	0.000	-2.113	-12.7767	1.0000	1459
4	11	0	3.359	3.738	3.738	0.000	-0.379	-0.8621	1.0000	1460
4	12	0	29.594	30.621	30.621	0.000	-1.026	-6.1232	1.0000	1461
4	12	1	31.380	32.284	-32.284	0.000	-0.904	-5.4407	1.0000	1462
4	12	2	4.448	2.840	2.840	0.000	1.609	4.5667	1.0000	1463
4	12	3	17.944	18.843	18.843	0.000	-0.899	-4.7803	1.0000	1464
4	13	2	2.557	2.296	-2.296	0.000	0.261	0.5604	1.0000	1465
4	13	1	3.677	4.048	4.048	0.000	-0.371	-0.8560	1.0000	1466
4	13	0	9.925	10.764	10.764	0.000	-0.839	-3.9481	1.0000	1467
4	14	0	16.552	18.411	-18.411	0.000	-1.858	-10.0509	1.0000	1468
5	12	1	5.976	4.656	4.656	0.000	1.320	4.7583	1.0000	1469
5	12	0	5.114	4.451	4.451	0.000	0.663	2.1769	1.0000	1470
5	11	0	26.432	27.894	27.894	0.000	-1.462	-8.6650	1.0000	1471
5	11	1	12.785	14.404	14.404	0.000	-1.619	-8.3979	1.0000	1472
5	11	2	51.987	57.142	-57.142	0.000	-5.155	-30.6977	1.0000	1473
5	11	3	4.796	3.236	3.236	0.000	1.561	4.3968	1.0000	1474
5	10	4	2.285	0.877	-0.877	0.000	1.407	2.0917	1.0000	1475
5	10	3	2.648	4.103	4.103	0.000	-1.456	-2.5702	1.0000	1476
5	10	0	12.528	12.493	12.493	0.000	0.034	0.1779	1.0000	1479
5	9	0	44.785	46.684	-46.684	0.000	-1.899	-12.1621	1.0000	1480
5	9	1	7.989	7.500	7.500	0.000	0.488	2.1571	1.0000	1481

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
5	9	2	10.258	10.893	-10.893	0.000	-0.635	-2.9865	1.0000	1482
5	9	3	3.994	3.740	3.740	0.000	0.255	0.6342	1.0000	1483
5	9	4	13.178	14.042	-14.042	0.000	-0.864	-4.2015	1.0000	1484
5	9	5	22.740	22.890	22.890	0.000	-0.150	-0.7895	1.0000	1485
5	8	6	10.803	11.614	-11.614	0.000	-0.811	-3.5244	1.0000	1486
5	8	5	8.851	9.699	9.699	0.000	-0.848	-3.3899	1.0000	1487
5	8	4	10.243	9.418	9.418	0.000	0.825	3.6612	1.0000	1488
5	8	3	12.830	13.513	-13.513	0.000	-0.682	-3.4929	1.0000	1489
5	8	2	2.799	2.713	2.713	0.000	0.086	0.1595	1.0000	1490
5	8	1	14.616	15.500	15.500	0.000	-0.885	-5.0440	1.0000	1491
5	8	0	18.973	20.358	-20.358	0.000	-1.385	-8.4046	1.0000	1492
5	7	0	17.959	18.712	-18.712	0.000	-0.753	-4.6475	1.0000	1493
5	7	1	9.638	9.727	-9.727	0.000	-0.089	-0.4388	1.0000	1494
5	7	2	10.183	10.570	10.570	0.000	-0.387	-1.8583	1.0000	1495
5	7	3	35.783	34.893	34.893	0.000	0.889	5.2762	1.0000	1496
5	7	4	28.929	29.187	-29.187	0.000	-0.258	-1.4686	1.0000	1497
5	7	5	32.635	33.561	33.561	0.000	-0.926	-5.2215	1.0000	1498
5	7	6	15.175	14.716	14.716	0.000	0.459	2.2502	1.0000	1499
5	6	7	5.114	5.912	5.912	0.000	-0.798	-2.1275	1.0000	1500
5	6	6	8.200	8.253	8.253	0.000	-0.053	-0.2204	1.0000	1501
5	6	5	13.330	14.076	14.076	0.000	-0.747	-3.8459	1.0000	1502
5	6	4	4.721	4.411	4.411	0.000	0.309	0.9168	1.0000	1503
5	6	2	6.672	6.585	-6.585	0.000	0.087	0.3557	1.0000	1505
5	6	1	9.562	9.958	-9.958	0.000	-0.395	-1.9841	1.0000	1506
5	6	0	7.172	8.251	-8.251	0.000	-1.079	-4.9867	1.0000	1507
5	5	0	31.198	31.599	31.599	0.000	-0.401	-2.6767	1.0000	1508
5	5	1	63.758	64.985	64.985	0.000	-1.227	-8.0230	1.0000	1509
5	5	2	31.365	30.966	-30.966	0.000	0.399	2.5606	1.0000	1510
5	5	3	24.798	24.335	24.335	0.000	0.463	2.8580	1.0000	1511
5	5	4	34.451	34.294	34.294	0.000	0.157	0.9878	1.0000	1512
5	5	5	20.501	20.200	-20.200	0.000	0.301	1.6844	1.0000	1513
5	5	6	41.956	43.443	-43.443	0.000	-1.487	-8.8146	1.0000	1514
5	5	7	21.470	21.005	21.005	0.000	0.464	2.5199	1.0000	1515
5	4	8	8.004	9.351	-9.351	0.000	-1.347	-5.3735	1.0000	1516
5	4	7	3.873	6.455	6.455	0.000	-2.581	-6.0780	1.0000	1517
5	4	6	7.020	7.008	7.008	0.000	0.013	0.0543	1.0000	1518
5	4	5	9.275	8.349	-8.349	0.000	0.926	4.5977	1.0000	1519
5	4	4	13.980	12.311	12.311	0.000	1.669	9.8392	1.0000	1520
5	4	3	15.206	15.949	15.949	0.000	-0.744	-4.5050	1.0000	1521
5	4	2	2.996	2.318	-2.318	0.000	0.678	1.8277	1.0000	1522
5	4	1	5.825	6.049	-6.049	0.000	-0.224	-0.8863	1.0000	1523
5	4	0	11.181	10.711	10.711	0.000	0.470	2.7503	1.0000	1524
5	3	0	22.589	20.971	-20.971	0.000	1.619	10.6446	1.0000	1525
5	3	1	25.131	23.658	23.658	0.000	1.473	9.8216	1.0000	1526
5	3	2	27.915	27.756	-27.756	0.000	0.159	1.0931	1.0000	1527
5	3	3	3.540	2.680	-2.680	0.000	0.860	2.6815	1.0000	1528
5	3	4	29.458	29.002	-29.002	0.000	0.456	3.0782	1.0000	1529
5	3	5	10.258	9.268	9.268	0.000	0.991	5.2840	1.0000	1530
5	3	6	31.788	31.394	-31.394	0.000	0.394	2.5094	1.0000	1531
5	3	7	11.408	11.744	11.744	0.000	-0.336	-1.7358	1.0000	1532
5	2	9	6.415	4.595	-4.595	0.000	1.820	7.0787	1.0000	1534
5	2	8	13.768	13.828	13.828	0.000	-0.059	-0.3137	1.0000	1535
5	2	7	4.887	4.639	-4.639	0.000	0.248	0.8476	1.0000	1536

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
5	2	6	6.491	6.451	-6.451	0.000	0.040	0.1801	1.0000	1537
5	2	5	12.180	13.039	13.039	0.000	-0.859	-5.2113	1.0000	1538
5	2	3	24.450	23.947	-23.947	0.000	0.503	3.6728	1.0000	1540
5	2	2	2.164	0.356	0.356	0.000	1.808	4.5933	1.0000	1541
5	2	1	11.938	12.161	12.161	0.000	-0.224	-1.3924	1.0000	1542
5	2	0	17.521	17.564	-17.564	0.000	-0.043	-0.2760	1.0000	1543
5	1	0	24.193	23.302	-23.302	0.000	0.890	5.7585	1.0000	1544
5	1	1	48.749	48.054	-48.054	0.000	0.695	5.3312	1.0000	1545
5	1	2	12.391	11.189	-11.189	0.000	1.203	8.6696	1.0000	1546
5	1	3	41.638	41.156	41.156	0.000	0.482	3.7526	1.0000	1547
5	1	4	60.596	60.600	-60.600	0.000	-0.004	-0.0310	1.0000	1548
5	1	5	12.906	12.226	12.226	0.000	0.680	4.3869	1.0000	1549
5	1	6	23.512	23.739	23.739	0.000	-0.227	-1.5304	1.0000	1550
5	1	7	9.502	8.899	8.899	0.000	0.602	3.1637	1.0000	1551
5	1	8	26.432	27.156	-27.156	0.000	-0.724	-4.4721	1.0000	1552
5	1	9	52.138	53.503	53.503	0.000	-1.365	-8.2548	1.0000	1553
5	0	9	12.331	13.365	13.365	0.000	-1.034	-5.4003	1.0000	1554
5	0	8	10.682	10.251	10.251	0.000	0.431	2.2796	1.0000	1555
5	0	6	7.595	7.465	-7.465	0.000	0.131	0.6735	1.0000	1557
5	0	4	12.573	13.479	-13.479	0.000	-0.906	-6.3594	1.0000	1559
5	0	3	11.711	11.411	-11.411	0.000	0.300	2.2096	1.0000	1560
5	0	2	7.913	7.942	-7.942	0.000	-0.029	-0.2024	1.0000	1561
5	0	1	1.846	2.237	-2.237	0.000	-0.391	-1.0180	1.0000	1562
5	-1	0	25.267	23.303	-23.303	0.000	1.964	12.0663	1.0000	1563
5	-1	1	36.932	36.982	36.982	0.000	-0.050	-0.4261	1.0000	1564
5	-1	2	51.139	50.651	-50.651	0.000	0.489	4.2027	1.0000	1565
5	-1	3	4.448	3.359	3.359	0.000	1.089	5.8206	1.0000	1566
5	-1	4	45.814	45.165	45.165	0.000	0.649	5.1987	1.0000	1567
5	-1	5	22.483	22.573	22.573	0.000	-0.090	-0.6713	1.0000	1568
5	-1	6	12.119	11.684	-11.684	0.000	0.435	2.8076	1.0000	1569
5	-1	7	44.724	44.999	44.999	0.000	-0.275	-1.9215	1.0000	1570
5	-1	8	2.996	1.094	-1.094	0.000	1.902	4.9852	1.0000	1571
5	-1	9	19.185	19.366	-19.366	0.000	-0.181	-1.0640	1.0000	1572
5	-1	10	12.089	13.125	-13.125	0.000	-1.036	-5.2370	1.0000	1573
5	-2	10	9.713	10.557	10.557	0.000	-0.844	-3.8979	1.0000	1574
5	-2	9	4.766	3.734	-3.734	0.000	1.032	3.5186	1.0000	1575
5	-2	8	3.102	0.147	-0.147	0.000	2.954	8.2212	1.0000	1576
5	-2	7	19.835	20.979	20.979	0.000	-1.144	-7.6439	1.0000	1577
5	-2	6	7.126	6.539	6.539	0.000	0.587	3.2238	1.0000	1578
5	-2	5	15.690	15.823	-15.823	0.000	-0.133	-0.9677	1.0000	1579
5	-2	4	11.090	10.650	10.650	0.000	0.441	3.1387	1.0000	1580
5	-2	3	6.188	3.079	-3.079	0.000	3.109	19.3478	1.0000	1581
5	-2	2	27.552	28.094	-28.094	0.000	-0.543	-4.4823	1.0000	1582
5	-2	1	9.850	9.575	-9.575	0.000	0.275	1.8965	1.0000	1583
5	-2	0	17.823	17.563	17.563	0.000	0.260	1.5082	1.0000	1584
5	-3	0	23.588	20.970	-20.970	0.000	2.617	15.5003	1.0000	1585
5	-3	1	55.603	54.232	54.232	0.000	1.371	9.9668	1.0000	1586
5	-3	2	4.161	2.703	2.703	0.000	1.458	7.1012	1.0000	1587
5	-3	3	25.645	26.292	26.292	0.000	-0.647	-5.1644	1.0000	1588
5	-3	4	2.996	1.159	1.159	0.000	1.837	7.1078	1.0000	1589
5	-3	5	28.384	27.549	27.549	0.000	0.835	6.4569	1.0000	1590
5	-3	6	42.334	42.806	-42.806	0.000	-0.472	-3.5096	1.0000	1591
5	-3	7	3.419	3.185	3.185	0.000	0.234	0.7132	1.0000	1592

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
5	-3	8	5.643	4.041	-4.041	0.000	1.603	6.9246	1.0000	1593
5	-3	9	13.647	14.136	-14.136	0.000	-0.488	-2.8136	1.0000	1594
5	-3	10	23.164	23.601	-23.601	0.000	-0.437	-2.5840	1.0000	1595
5	-4	10	1.725	2.129	-2.129	0.000	-0.404	-0.5213	1.0000	1596
5	-4	8	8.397	8.042	8.042	0.000	0.355	1.7744	1.0000	1598
5	-4	7	11.650	11.193	-11.193	0.000	0.457	2.8529	1.0000	1599
5	-4	6	8.927	9.474	-9.474	0.000	-0.547	-3.1680	1.0000	1600
5	-4	5	6.793	6.691	6.691	0.000	0.102	0.5853	1.0000	1601
5	-4	4	2.179	1.855	-1.855	0.000	0.324	0.8106	1.0000	1602
5	-4	3	4.645	3.795	-3.795	0.000	0.850	4.1932	1.0000	1603
5	-4	2	16.885	17.408	17.408	0.000	-0.523	-3.7742	1.0000	1604
5	-4	1	18.459	16.671	16.671	0.000	1.788	11.5866	1.0000	1605
5	-4	0	11.469	10.711	-10.711	0.000	0.757	3.9164	1.0000	1606
5	-5	0	32.348	31.599	31.599	0.000	0.749	4.4330	1.0000	1607
5	-5	1	31.349	30.631	-30.631	0.000	0.718	4.5347	1.0000	1608
5	-5	2	18.595	17.896	-17.896	0.000	0.699	4.7647	1.0000	1609
5	-5	3	50.474	51.052	51.052	0.000	-0.579	-4.3798	1.0000	1610
5	-5	4	60.732	61.709	-61.709	0.000	-0.977	-7.5259	1.0000	1611
5	-5	5	20.289	20.209	-20.209	0.000	0.080	0.5736	1.0000	1612
5	-5	6	13.647	14.546	14.546	0.000	-0.899	-6.0258	1.0000	1613
5	-5	7	7.368	7.118	7.118	0.000	0.250	1.2674	1.0000	1614
5	-5	8	52.274	53.956	-53.956	0.000	-1.681	-11.4570	1.0000	1615
5	-5	9	35.480	36.523	36.523	0.000	-1.043	-6.6970	1.0000	1616
5	-5	10	4.191	3.261	3.261	0.000	0.930	2.5084	1.0000	1617
5	-6	10	8.730	8.679	-8.679	0.000	0.051	0.2350	1.0000	1618
5	-6	8	5.432	5.823	-5.823	0.000	-0.392	-1.5712	1.0000	1620
5	-6	7	12.074	12.892	-12.892	0.000	-0.818	-4.9243	1.0000	1621
5	-6	6	7.943	7.900	-7.900	0.000	0.043	0.2392	1.0000	1622
5	-6	5	4.524	4.201	4.201	0.000	0.323	1.3069	1.0000	1623
5	-6	4	7.262	7.389	-7.389	0.000	-0.127	-0.6746	1.0000	1624
5	-6	3	2.058	0.983	0.983	0.000	1.075	2.3424	1.0000	1625
5	-6	2	9.426	9.644	9.644	0.000	-0.218	-1.2044	1.0000	1626
5	-6	1	9.592	8.502	8.502	0.000	1.090	5.3298	1.0000	1627
5	-6	0	7.883	8.251	8.251	0.000	-0.368	-1.5667	1.0000	1628
5	-7	0	18.958	18.712	-18.712	0.000	0.245	1.3353	1.0000	1629
5	-7	1	30.018	28.394	28.394	0.000	1.624	9.4168	1.0000	1630
5	-7	2	39.323	37.468	-37.468	0.000	1.855	11.8478	1.0000	1631
5	-7	3	19.790	18.918	-18.918	0.000	0.872	5.6985	1.0000	1632
5	-7	4	2.572	2.762	-2.762	0.000	-0.190	-0.4857	1.0000	1633
5	-7	5	7.157	6.759	-6.759	0.000	0.398	2.0887	1.0000	1634
5	-7	6	26.432	26.405	-26.405	0.000	0.027	0.1853	1.0000	1635
5	-7	7	27.007	27.784	27.784	0.000	-0.777	-5.1584	1.0000	1636
5	-7	8	9.335	8.481	8.481	0.000	0.854	4.5118	1.0000	1637
5	-7	9	8.670	10.327	10.327	0.000	-1.657	-7.5481	1.0000	1638
5	-7	10	14.237	14.784	14.784	0.000	-0.546	-2.9578	1.0000	1639
5	-8	9	8.670	9.370	-9.370	0.000	-0.700	-3.4113	1.0000	1640
5	-8	8	1.952	2.844	-2.844	0.000	-0.893	-1.4131	1.0000	1641
5	-8	7	6.400	7.544	7.544	0.000	-1.144	-4.9938	1.0000	1642
5	-8	6	15.478	15.564	-15.564	0.000	-0.086	-0.5355	1.0000	1643
5	-8	5	21.258	22.193	-22.193	0.000	-0.935	-6.1002	1.0000	1644
5	-8	4	14.298	14.537	14.537	0.000	-0.239	-1.4649	1.0000	1645
5	-8	3	2.179	1.013	1.013	0.000	1.165	2.1580	1.0000	1646
5	-8	2	10.152	11.005	-11.005	0.000	-0.853	-4.0363	1.0000	1647

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
5	-8	1	15.644	14.343	14.343	0.000	1.302	6.8655	1.0000	1648
5	-8	0	20.183	20.358	20.358	0.000	-0.174	-0.9496	1.0000	1649
5	-9	0	47.130	46.684	-46.684	0.000	0.446	2.5398	1.0000	1650
5	-9	1	16.250	16.134	16.134	0.000	0.115	0.6006	1.0000	1651
5	-9	2	18.519	17.281	-17.281	0.000	1.239	6.6932	1.0000	1652
5	-9	3	4.675	4.791	-4.791	0.000	-0.116	-0.3623	1.0000	1653
5	-9	4	4.373	3.026	-3.026	0.000	1.346	4.4403	1.0000	1654
5	-9	5	48.492	49.261	49.261	0.000	-0.769	-5.0143	1.0000	1655
5	-9	6	15.402	15.798	-15.798	0.000	-0.396	-2.3070	1.0000	1656
5	-9	7	16.537	16.566	16.566	0.000	-0.029	-0.1712	1.0000	1657
5	-9	8	20.501	21.266	21.266	0.000	-0.765	-4.6019	1.0000	1658
5	-9	9	1.770	1.050	1.050	0.000	0.720	0.9865	1.0000	1659
5	-10	9	5.719	5.714	-5.714	0.000	0.005	0.0183	1.0000	1660
5	-10	8	5.220	4.839	4.839	0.000	0.381	1.2086	1.0000	1661
5	-10	7	2.981	0.658	-0.658	0.000	2.323	5.1516	1.0000	1662
5	-10	6	2.270	2.556	2.556	0.000	-0.287	-0.4981	1.0000	1663
5	-10	5	11.181	10.330	10.330	0.000	0.851	4.1441	1.0000	1664
5	-10	4	2.164	2.370	2.370	0.000	-0.207	-0.3262	1.0000	1665
5	-10	2	2.058	0.030	-0.030	0.000	2.028	2.6914	1.0000	1667
5	-10	1	2.391	3.133	-3.133	0.000	-0.742	-1.1479	1.0000	1668
5	-10	0	13.647	12.493	-12.493	0.000	1.154	5.6370	1.0000	1669
5	-11	0	27.658	27.894	27.894	0.000	-0.236	-1.2628	1.0000	1670
5	-11	1	9.940	9.313	-9.313	0.000	0.628	2.7472	1.0000	1671
5	-11	2	6.158	6.110	-6.110	0.000	0.048	0.1541	1.0000	1672
5	-11	3	65.059	66.594	66.594	0.000	-1.535	-8.4942	1.0000	1673
5	-11	4	13.541	14.159	-14.159	0.000	-0.618	-3.0240	1.0000	1674
5	-11	5	14.616	14.598	-14.598	0.000	0.018	0.0911	1.0000	1675
5	-11	6	11.075	12.346	12.346	0.000	-1.271	-6.2304	1.0000	1676
5	-11	7	15.765	16.102	16.102	0.000	-0.336	-1.8279	1.0000	1677
5	-11	8	48.401	51.916	-51.916	0.000	-3.515	-20.8724	1.0000	1678
5	-12	7	4.267	4.120	-4.120	0.000	0.147	0.3985	1.0000	1679
5	-12	6	3.979	6.888	6.888	0.000	-2.909	-6.3780	1.0000	1680
5	-12	5	9.244	9.440	9.440	0.000	-0.195	-0.8012	1.0000	1681
5	-12	3	9.184	10.114	10.114	0.000	-0.930	-3.5562	1.0000	1683
5	-12	2	8.957	9.375	9.375	0.000	-0.418	-1.6330	1.0000	1684
5	-12	1	2.557	4.377	-4.377	0.000	-1.820	-2.7114	1.0000	1685
5	-12	0	4.902	4.451	-4.451	0.000	0.451	1.1905	1.0000	1686
5	-13	1	26.417	27.069	27.069	0.000	-0.652	-3.4236	1.0000	1687
5	-13	2	11.423	11.149	-11.149	0.000	0.275	1.1942	1.0000	1688
5	-13	3	4.130	4.259	4.259	0.000	-0.128	-0.2992	1.0000	1689
5	-13	4	4.312	2.972	2.972	0.000	1.340	3.0553	1.0000	1690
5	-13	5	5.583	5.647	-5.647	0.000	-0.064	-0.1831	1.0000	1691
5	-13	6	20.879	21.497	-21.497	0.000	-0.618	-3.1407	1.0000	1692
6	-11	5	8.548	8.275	8.275	0.000	0.273	1.0877	1.0000	1693
6	-11	4	12.815	13.594	-13.594	0.000	-0.779	-3.6672	1.0000	1694
6	-11	3	4.070	3.712	3.712	0.000	0.358	0.8448	1.0000	1695
6	-11	2	7.943	8.950	8.950	0.000	-1.006	-3.4429	1.0000	1696
6	-11	1	2.360	0.609	0.609	0.000	1.751	2.4921	1.0000	1697
6	-10	0	32.590	32.959	32.959	0.000	-0.369	-1.9172	1.0000	1698
6	-10	1	21.318	21.046	-21.046	0.000	0.272	1.3754	1.0000	1699
6	-10	2	10.077	9.656	9.656	0.000	0.421	1.8261	1.0000	1700
6	-10	3	10.636	10.605	-10.605	0.000	0.031	0.1325	1.0000	1701
6	-10	4	10.788	11.235	-11.235	0.000	-0.448	-1.9919	1.0000	1702

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
6	-10	5	28.127	28.976	-28.976	0.000	-0.849	-4.7540	1.0000	1703
6	-10	6	7.610	6.890	6.890	0.000	0.720	3.0776	1.0000	1704
6	-9	7	8.382	9.983	9.983	0.000	-1.601	-7.0673	1.0000	1705
6	-9	6	5.114	5.151	-5.151	0.000	-0.037	-0.1201	1.0000	1706
6	-9	5	8.185	8.920	-8.920	0.000	-0.735	-3.3221	1.0000	1707
6	-9	4	15.705	15.947	15.947	0.000	-0.242	-1.2965	1.0000	1708
6	-9	3	7.035	6.249	-6.249	0.000	0.786	2.9377	1.0000	1709
6	-9	2	7.686	8.131	-8.131	0.000	-0.445	-1.6664	1.0000	1710
6	-9	1	13.632	13.884	13.884	0.000	-0.252	-1.1629	1.0000	1711
6	-9	0	8.791	9.353	9.353	0.000	-0.562	-2.1579	1.0000	1712
6	-8	0	3.767	1.749	-1.749	0.000	2.018	4.4138	1.0000	1713
6	-8	1	41.880	41.723	41.723	0.000	0.157	0.8559	1.0000	1714
6	-8	2	29.337	27.928	27.928	0.000	1.409	7.7913	1.0000	1715
6	-8	3	47.448	47.830	-47.830	0.000	-0.382	-2.2806	1.0000	1716
6	-8	4	30.774	32.063	32.063	0.000	-1.289	-7.7652	1.0000	1717
6	-8	5	10.485	8.817	8.817	0.000	1.668	8.7442	1.0000	1718
6	-8	6	36.236	37.356	-37.356	0.000	-1.120	-6.9349	1.0000	1719
6	-8	7	26.357	26.655	-26.655	0.000	-0.299	-1.8099	1.0000	1720
6	-8	8	29.700	31.533	31.533	0.000	-1.832	-10.8425	1.0000	1721
6	-7	8	4.297	4.268	-4.268	0.000	0.029	0.0909	1.0000	1722
6	-7	7	9.835	11.220	11.220	0.000	-1.385	-7.0599	1.0000	1723
6	-7	6	2.391	0.827	0.827	0.000	1.564	3.2361	1.0000	1724
6	-7	5	2.754	1.777	1.777	0.000	0.977	2.2929	1.0000	1725
6	-7	4	18.852	19.438	19.438	0.000	-0.586	-3.5950	1.0000	1726
6	-7	3	3.208	4.426	4.426	0.000	-1.218	-2.9312	1.0000	1727
6	-7	2	10.061	11.953	-11.953	0.000	-1.891	-8.7715	1.0000	1728
6	-7	1	7.686	6.553	-6.553	0.000	1.133	4.2635	1.0000	1729
6	-7	0	5.114	4.857	4.857	0.000	0.257	0.7505	1.0000	1730
6	-6	0	18.368	18.539	18.539	0.000	-0.171	-0.8613	1.0000	1731
6	-6	1	25.630	24.924	-24.924	0.000	0.706	3.8899	1.0000	1732
6	-6	2	18.232	17.554	17.554	0.000	0.678	3.9866	1.0000	1733
6	-6	3	12.467	12.848	12.848	0.000	-0.381	-2.1790	1.0000	1734
6	-6	4	6.914	6.014	6.014	0.000	0.900	4.4461	1.0000	1735
6	-6	5	14.888	16.108	-16.108	0.000	-1.220	-7.4527	1.0000	1736
6	-6	6	39.943	41.405	41.405	0.000	-1.462	-9.6711	1.0000	1737
6	-6	7	6.687	6.551	-6.551	0.000	0.137	0.5972	1.0000	1738
6	-6	8	10.833	11.114	-11.114	0.000	-0.281	-1.4946	1.0000	1739
6	-5	8	14.979	16.511	16.511	0.000	-1.532	-8.7692	1.0000	1740
6	-5	6	2.633	1.710	-1.710	0.000	0.923	2.2603	1.0000	1742
6	-5	5	17.626	18.295	18.295	0.000	-0.668	-4.3737	1.0000	1743
6	-5	4	19.442	19.794	-19.794	0.000	-0.352	-2.3266	1.0000	1744
6	-5	3	14.177	15.309	-15.309	0.000	-1.133	-7.0092	1.0000	1745
6	-5	1	3.510	2.841	2.841	0.000	0.670	1.6371	1.0000	1747
6	-5	0	18.988	19.419	-19.419	0.000	-0.431	-2.2732	1.0000	1748
6	-4	0	4.584	4.318	4.318	0.000	0.267	0.7989	1.0000	1749
6	-4	1	68.478	68.227	-68.227	0.000	0.252	1.5648	1.0000	1750
6	-4	2	11.590	10.708	10.708	0.000	0.882	5.3512	1.0000	1751
6	-4	3	2.148	1.007	-1.007	0.000	1.141	2.5819	1.0000	1752
6	-4	4	7.429	7.779	-7.779	0.000	-0.350	-1.9085	1.0000	1753
6	-4	5	9.411	9.897	-9.897	0.000	-0.486	-2.8198	1.0000	1754
6	-4	6	45.632	46.323	46.323	0.000	-0.691	-4.7473	1.0000	1755
6	-4	7	7.368	6.333	-6.333	0.000	1.035	5.0867	1.0000	1756
6	-4	8	12.240	13.948	13.948	0.000	-1.708	-9.3926	1.0000	1757

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
6	-3	7	2.935	2.505	-2.505	0.000	0.431	1.1141	1.0000	1759
6	-3	6	6.763	6.557	-6.557	0.000	0.206	0.9656	1.0000	1760
6	-3	5	9.244	10.172	-10.172	0.000	-0.928	-5.4909	1.0000	1761
6	-3	4	16.250	16.748	16.748	0.000	-0.498	-3.4432	1.0000	1762
6	-3	3	3.616	2.759	-2.759	0.000	0.857	3.3051	1.0000	1763
6	-3	2	5.235	5.482	-5.482	0.000	-0.247	-1.1704	1.0000	1764
6	-3	1	5.901	5.171	5.171	0.000	0.730	3.3879	1.0000	1765
6	-3	0	2.451	0.107	0.107	0.000	2.344	4.4831	1.0000	1766
6	-2	0	5.008	4.457	4.457	0.000	0.551	1.9533	1.0000	1767
6	-2	1	23.754	22.993	22.993	0.000	0.762	5.2381	1.0000	1768
6	-2	2	19.593	20.240	-20.240	0.000	-0.647	-4.7025	1.0000	1769
6	-2	3	67.994	69.360	-69.360	0.000	-1.366	-10.2721	1.0000	1770
6	-2	4	34.572	35.295	35.295	0.000	-0.723	-5.2532	1.0000	1771
6	-2	5	10.591	10.485	-10.485	0.000	0.106	0.6314	1.0000	1772
6	-2	6	30.896	30.702	-30.702	0.000	0.194	1.2868	1.0000	1773
6	-2	7	10.894	9.755	9.755	0.000	1.138	6.4410	1.0000	1774
6	-2	8	47.251	48.803	48.803	0.000	-1.552	-9.7576	1.0000	1775
6	-1	8	9.214	9.110	-9.110	0.000	0.104	0.5032	1.0000	1776
6	-1	7	8.034	8.198	8.198	0.000	-0.164	-0.7790	1.0000	1777
6	-1	6	6.748	5.834	-5.834	0.000	0.914	4.4675	1.0000	1778
6	-1	5	12.286	13.116	-13.116	0.000	-0.830	-5.1579	1.0000	1779
6	-1	4	7.656	8.568	8.568	0.000	-0.912	-5.1770	1.0000	1780
6	-1	3	8.896	9.643	9.643	0.000	-0.746	-4.4964	1.0000	1781
6	-1	2	3.192	3.827	-3.827	0.000	-0.635	-2.3483	1.0000	1782
6	-1	1	6.582	6.971	6.971	0.000	-0.390	-2.1978	1.0000	1783
6	-1	0	32.045	31.644	31.644	0.000	0.402	2.3597	1.0000	1784
6	0	0	21.984	22.649	22.649	0.000	-0.665	-3.9010	1.0000	1785
6	0	1	7.958	7.917	-7.917	0.000	0.041	0.2580	1.0000	1786
6	0	2	23.921	23.879	23.879	0.000	0.042	0.3034	1.0000	1787
6	0	3	5.114	3.778	-3.778	0.000	1.336	6.4176	1.0000	1788
6	0	4	4.433	3.917	3.917	0.000	0.517	2.1884	1.0000	1789
6	0	5	18.126	18.102	-18.102	0.000	0.024	0.1558	1.0000	1790
6	0	6	16.492	17.201	17.201	0.000	-0.710	-4.3467	1.0000	1791
6	0	7	28.944	29.128	-29.128	0.000	-0.184	-1.1376	1.0000	1792
6	0	8	9.320	9.238	-9.238	0.000	0.083	0.3867	1.0000	1793
6	1	8	6.491	8.052	8.052	0.000	-1.561	-5.7644	1.0000	1794
6	1	7	10.213	11.775	-11.775	0.000	-1.562	-7.7209	1.0000	1795
6	1	6	9.199	9.413	-9.413	0.000	-0.214	-1.0551	1.0000	1796
6	1	5	29.640	30.019	30.019	0.000	-0.379	-2.4818	1.0000	1797
6	1	4	4.615	5.487	5.487	0.000	-0.872	-3.3533	1.0000	1798
6	1	3	2.285	3.032	-3.032	0.000	-0.748	-1.7392	1.0000	1799
6	1	2	8.594	9.402	9.402	0.000	-0.808	-4.5506	1.0000	1800
6	1	1	12.815	12.877	12.877	0.000	-0.061	-0.3846	1.0000	1801
6	1	0	30.971	31.644	-31.644	0.000	-0.673	-4.0486	1.0000	1802
6	2	0	4.448	4.456	4.456	0.000	-0.008	-0.0266	1.0000	1803
6	2	1	45.239	45.324	-45.324	0.000	-0.085	-0.5465	1.0000	1804
6	2	2	63.516	62.353	62.353	0.000	1.163	7.7575	1.0000	1805
6	2	3	17.490	17.695	17.695	0.000	-0.204	-1.2853	1.0000	1806
6	2	4	8.427	7.392	-7.392	0.000	1.036	5.1594	1.0000	1807
6	2	5	4.539	4.915	4.915	0.000	-0.376	-1.2106	1.0000	1808
6	2	6	42.727	43.515	43.515	0.000	-0.788	-4.8726	1.0000	1809
6	2	7	34.481	34.151	-34.151	0.000	0.330	1.9517	1.0000	1810
6	3	7	6.506	5.259	5.259	0.000	1.247	4.5511	1.0000	1811

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
6	3	6	1.710	0.250	-0.250	0.000	1.460	1.8732	1.0000	1812
6	3	5	8.791	9.373	-9.373	0.000	-0.583	-2.7445	1.0000	1813
6	3	4	3.616	3.363	3.363	0.000	0.253	0.6697	1.0000	1814
6	3	3	14.555	15.313	-15.313	0.000	-0.758	-4.3055	1.0000	1815
6	3	2	4.342	4.354	-4.354	0.000	-0.011	-0.0361	1.0000	1816
6	3	1	7.716	7.315	7.315	0.000	0.402	1.8598	1.0000	1817
6	3	0	2.421	0.107	-0.107	0.000	2.314	4.5421	1.0000	1818
6	4	0	4.509	4.318	4.318	0.000	0.191	0.6122	1.0000	1819
6	4	1	4.872	4.620	4.620	0.000	0.252	0.8175	1.0000	1820
6	4	2	16.492	16.187	-16.187	0.000	0.305	1.7269	1.0000	1821
6	4	3	19.639	19.144	-19.144	0.000	0.494	2.8912	1.0000	1822
6	4	4	59.174	60.215	60.215	0.000	-1.042	-6.3627	1.0000	1823
6	4	5	5.704	4.982	-4.982	0.000	0.722	2.4160	1.0000	1824
6	4	6	5.674	5.919	-5.919	0.000	-0.246	-0.8311	1.0000	1825
6	5	6	2.996	0.462	-0.462	0.000	2.534	5.0159	1.0000	1826
6	5	5	9.592	11.470	-11.470	0.000	-1.877	-8.4806	1.0000	1827
6	5	4	3.707	1.231	-1.231	0.000	2.476	6.5610	1.0000	1828
6	5	3	7.444	7.217	7.217	0.000	0.227	0.9132	1.0000	1829
6	5	2	10.697	10.026	-10.026	0.000	0.671	3.3206	1.0000	1830
6	5	1	11.907	12.955	-12.955	0.000	-1.048	-5.2731	1.0000	1831
6	5	0	18.338	19.419	19.419	0.000	-1.081	-6.4142	1.0000	1832
6	6	0	17.490	18.539	18.539	0.000	-1.049	-5.7953	1.0000	1833
6	6	1	12.513	10.795	-10.795	0.000	1.718	9.2367	1.0000	1834
6	6	2	3.873	3.760	-3.760	0.000	0.114	0.2862	1.0000	1835
6	6	3	21.152	20.518	-20.518	0.000	0.634	3.4746	1.0000	1836
6	6	4	4.312	4.738	4.738	0.000	-0.426	-1.1575	1.0000	1837
6	6	5	18.928	19.948	-19.948	0.000	-1.020	-5.3273	1.0000	1838
6	7	4	6.022	4.994	-4.994	0.000	1.027	3.2934	1.0000	1839
6	7	3	10.228	12.980	-12.980	0.000	-2.752	-11.5503	1.0000	1840
6	7	2	3.888	4.243	4.243	0.000	-0.354	-0.9053	1.0000	1841
6	7	1	26.251	26.845	26.845	0.000	-0.594	-3.5008	1.0000	1842
6	7	0	4.736	4.857	-4.857	0.000	-0.121	-0.3851	1.0000	1843
6	8	0	3.556	1.749	-1.749	0.000	1.806	4.3943	1.0000	1844
6	8	1	23.452	24.521	-24.521	0.000	-1.070	-6.1923	1.0000	1845
6	8	2	52.819	56.172	56.172	0.000	-3.353	-19.7522	1.0000	1846
6	8	3	15.523	15.645	-15.645	0.000	-0.121	-0.6103	1.0000	1847
6	8	4	26.387	27.588	-27.588	0.000	-1.201	-6.4066	1.0000	1848
6	9	3	6.067	6.323	-6.323	0.000	-0.256	-0.8742	1.0000	1849
6	9	1	5.099	5.034	5.034	0.000	0.065	0.1982	1.0000	1851
6	9	0	8.110	9.352	-9.352	0.000	-1.243	-5.2619	1.0000	1852
6	10	0	30.411	32.959	32.959	0.000	-2.548	-14.8217	1.0000	1853
6	10	1	12.921	13.655	13.655	0.000	-0.734	-3.7373	1.0000	1854
7	7	0	27.310	28.205	-28.205	0.000	-0.895	-5.0696	1.0000	1855
7	7	1	2.496	4.276	-4.276	0.000	-1.780	-2.9155	1.0000	1856
7	6	2	6.097	6.027	6.027	0.000	0.071	0.2481	1.0000	1857
7	6	1	8.624	8.960	-8.960	0.000	-0.335	-1.3969	1.0000	1858
7	6	0	3.359	2.493	-2.493	0.000	0.866	2.0633	1.0000	1859
7	5	0	6.506	6.206	6.206	0.000	0.299	1.1342	1.0000	1860
7	5	1	41.865	42.871	42.871	0.000	-1.006	-5.7609	1.0000	1861
7	5	2	33.755	33.686	-33.686	0.000	0.069	0.3842	1.0000	1862
7	5	3	11.438	11.457	11.457	0.000	-0.018	-0.0850	1.0000	1863
7	4	4	6.809	6.943	6.943	0.000	-0.134	-0.5319	1.0000	1864
7	4	3	13.678	14.068	14.068	0.000	-0.390	-1.9844	1.0000	1865

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
7	4	2	2.436	2.708	-2.708	0.000	-0.272	-0.4606	1.0000	1866
7	4	1	3.238	4.471	4.471	0.000	-1.233	-2.7880	1.0000	1867
7	4	0	15.856	16.448	16.448	0.000	-0.592	-3.1813	1.0000	1868
7	3	0	13.768	14.872	-14.872	0.000	-1.104	-5.8124	1.0000	1869
7	3	1	14.404	14.634	14.634	0.000	-0.230	-1.1784	1.0000	1870
7	3	2	3.934	2.888	2.888	0.000	1.046	2.9385	1.0000	1871
7	3	3	8.564	9.364	-9.364	0.000	-0.800	-3.7360	1.0000	1872
7	3	4	21.727	23.023	-23.023	0.000	-1.296	-7.3031	1.0000	1873
7	2	3	6.914	6.710	-6.710	0.000	0.205	0.8861	1.0000	1876
7	2	2	13.466	12.422	12.422	0.000	1.044	5.6878	1.0000	1877
7	2	1	16.719	17.602	17.602	0.000	-0.884	-4.8383	1.0000	1878
7	2	0	2.285	2.360	-2.360	0.000	-0.076	-0.1250	1.0000	1879
7	1	0	24.511	24.588	-24.588	0.000	-0.077	-0.4230	1.0000	1880
7	1	1	27.945	27.863	-27.863	0.000	0.082	0.4960	1.0000	1881
7	1	2	8.972	9.414	-9.414	0.000	-0.442	-2.3202	1.0000	1882
7	1	3	12.240	12.290	12.290	0.000	-0.050	-0.2760	1.0000	1883
7	1	4	45.027	45.958	-45.958	0.000	-0.931	-5.7749	1.0000	1884
7	1	5	13.345	13.493	13.493	0.000	-0.148	-0.7912	1.0000	1885
7	0	6	6.339	5.596	5.596	0.000	0.744	2.8468	1.0000	1886
7	0	5	1.861	1.237	1.237	0.000	0.624	0.9970	1.0000	1887
7	0	4	10.470	11.215	-11.215	0.000	-0.745	-4.0763	1.0000	1888
7	0	3	1.876	1.834	1.834	0.000	0.043	0.0814	1.0000	1889
7	0	2	3.041	4.308	4.308	0.000	-1.267	-3.5947	1.0000	1890
7	0	1	10.561	10.464	-10.464	0.000	0.097	0.5656	1.0000	1891
7	-1	0	25.313	24.588	-24.588	0.000	0.725	3.8884	1.0000	1892
7	-1	1	42.092	43.858	43.858	0.000	-1.766	-11.8166	1.0000	1893
7	-1	2	21.878	22.719	-22.719	0.000	-0.841	-5.5126	1.0000	1894
7	-1	3	11.257	11.696	11.696	0.000	-0.439	-2.6111	1.0000	1895
7	-1	4	13.284	13.068	13.068	0.000	0.216	1.2713	1.0000	1896
7	-1	5	21.969	21.583	21.583	0.000	0.386	2.3543	1.0000	1897
7	-1	6	27.052	27.981	-27.981	0.000	-0.928	-5.5479	1.0000	1898
7	-2	6	7.005	6.327	6.327	0.000	0.678	3.0871	1.0000	1899
7	-2	5	6.067	5.378	-5.378	0.000	0.689	2.9770	1.0000	1900
7	-2	4	11.696	12.297	12.297	0.000	-0.601	-3.5264	1.0000	1901
7	-2	3	10.077	9.368	9.368	0.000	0.708	4.0968	1.0000	1902
7	-2	2	12.195	12.683	-12.683	0.000	-0.488	-2.9540	1.0000	1903
7	-2	1	5.038	4.587	-4.587	0.000	0.451	1.7911	1.0000	1904
7	-2	0	3.329	2.360	2.360	0.000	0.968	2.1946	1.0000	1905
7	-3	0	14.722	14.872	-14.872	0.000	-0.150	-0.7294	1.0000	1906
7	-3	1	25.267	26.053	26.053	0.000	-0.786	-4.5637	1.0000	1907
7	-3	2	10.606	11.204	11.204	0.000	-0.597	-3.4157	1.0000	1908
7	-3	4	2.542	1.258	1.258	0.000	1.284	3.0933	1.0000	1910
7	-3	5	27.446	28.819	28.819	0.000	-1.373	-8.7530	1.0000	1911
7	-3	6	22.332	24.229	-24.229	0.000	-1.897	-11.5234	1.0000	1912
7	-4	6	3.465	0.658	0.658	0.000	2.806	8.4813	1.0000	1913
7	-4	5	15.992	17.346	17.346	0.000	-1.354	-8.1201	1.0000	1914
7	-4	4	7.837	8.711	8.711	0.000	-0.874	-4.4323	1.0000	1915
7	-4	2	9.305	9.343	9.343	0.000	-0.038	-0.1963	1.0000	1917
7	-4	1	2.481	3.357	3.357	0.000	-0.875	-1.6655	1.0000	1918
7	-4	0	15.765	16.448	-16.448	0.000	-0.682	-3.2818	1.0000	1919
7	-5	0	6.975	6.207	6.207	0.000	0.768	2.7963	1.0000	1920
7	-5	1	4.342	3.951	-3.951	0.000	0.392	1.0952	1.0000	1921
7	-5	2	5.417	3.909	3.909	0.000	1.508	5.9137	1.0000	1922

H	K	L	F(OBS)	F(CALC)	A(CALC)	B(CALC)	DELTA F	DELTA/SIGMA	EXT. FACTOR	
7	-5	3	34.481	35.738	35.738	0.000	-1.256	-7.7179	1.0000	1923
7	-5	4	39.852	40.903	-40.903	0.000	-1.051	-6.6009	1.0000	1924
7	-5	5	13.829	13.283	-13.283	0.000	0.546	3.0763	1.0000	1925
7	-5	6	6.324	5.009	5.009	0.000	1.315	5.7067	1.0000	1926
7	-6	5	2.829	0.901	0.901	0.000	1.928	4.9463	1.0000	1927
7	-6	4	8.957	9.262	-9.262	0.000	-0.305	-1.4855	1.0000	1928
7	-6	3	6.763	7.068	7.068	0.000	-0.305	-1.3300	1.0000	1929
7	-6	2	9.139	8.228	8.228	0.000	0.910	4.1830	1.0000	1930
7	-6	1	5.265	6.635	-6.635	0.000	-1.370	-3.9892	1.0000	1931
7	-6	0	3.041	2.493	2.493	0.000	0.548	1.0019	1.0000	1932
7	-7	0	27.975	28.205	-28.205	0.000	-0.229	-0.0307	1.0000	1933
7	-7	1	22.165	21.978	21.978	0.000	0.187	0.9327	1.0000	1934
7	-7	2	32.182	33.216	-33.216	0.000	-1.035	-5.6047	1.0000	1935
7	-7	3	11.559	11.608	-11.608	0.000	-0.048	-0.2378	1.0000	1936
7	-7	4	8.564	6.924	-6.924	0.000	1.639	7.1748	1.0000	1937
7	-7	5	19.503	19.691	19.691	0.000	-0.188	-1.0727	1.0000	1938
7	-8	3	3.798	4.521	-4.521	0.000	-0.724	-1.8845	1.0000	1939
7	-8	2	17.324	17.590	-17.590	0.000	-0.266	-1.2819	1.0000	1940

RESULTS OF STRUCTURE FACTOR CALCULATIONS

ALL REFLECTIONS	NUMERATOR	DENOMINATOR	NUMBER	R
WEIGHTED R	287837.38	102318848.00	1873	0.053
UNWEIGHTED R	1876.39	39133.88	1873	0.048
RANGES OF F(OBS)				
	30927.80	4499942.00	1134	0.083
	42558.21	17336176.00	443	0.050
	43048.80	21200544.00	170	0.045
	37395.63	28700464.00	91	0.036
	26940.82	15513238.00	22	0.042
	10935.22	4485657.00	5	0.049
	9144.96	4973221.00	5	0.043
	86886.06	5609422.00	3	0.124
RANGES OF (SIN(THETA)/LAMBDA)**2				
	126734.00	31655696.00	98	0.063
	94491.25	24949248.00	165	0.062
	21728.14	16115496.00	210	0.037
	17344.25	11018383.00	234	0.040
	6629.20	7306048.00	270	0.030
	5342.98	4020314.00	267	0.036
	6920.73	4050876.00	321	0.041
	8647.00	3202658.00	308	0.052
UNREJECTED REFLECTIONS				
WEIGHTED R	287837.38	102318848.00	1873	0.053
UNWEIGHTED R	1876.39	39133.88	1873	0.048
RANGES OF F(OBS)				
	30927.80	4499942.00	1134	0.083
	42558.21	17336176.00	443	0.050
	43048.80	21200544.00	170	0.045
	37395.63	28700464.00	91	0.036
	26940.82	15513238.00	22	0.042
	10935.22	4485657.00	5	0.049
	9144.96	4973221.00	5	0.043
	86886.06	5609422.00	3	0.124
RANGES OF (SIN(THETA)/LAMBDA)**2				
	126734.00	31655696.00	98	0.063
	94491.25	24949248.00	165	0.062
	21728.14	16115496.00	210	0.037
	17344.25	11018383.00	234	0.040
	6629.20	7306048.00	270	0.030
	5342.98	4020314.00	267	0.036
	6920.73	4050876.00	321	0.041
	8647.00	3202658.00	308	0.052

SUM FCAL	38523.35
STANDARD DEV OF UNIT WEIGHT OBS	12.67

	ATOM	PARAMETER	OLD	CHANGE	NEW	ERROR	SHIFT/ERROR
ESTIMATED STD. DEV. FOR OBS. OF UNIT WEIGHT			12.67				
		EXTINCTION CORRECTION	0.0000E+00		0.0000E+00		
		SCALE FACTOR 1	6.6094	-0.0001	6.6093	0.01351	-0.00
ATOM 1	M1	EQUIPOINT FRACTION = 0.500					
		OCCUPANCY SPECIES 2	0.13509	-0.00002	0.13507	0.00650	-0.00
		OCCUPANCY SPECIES 5	0.86491		0.86493		
		TOTAL OCCUPANCY (FIXED) =	1.00000				
		X	0.5000000		0.5000000		
		Y	0.0000000		0.0000000		
		Z	0.5000000		0.5000000		
		BETA11	0.0028248	0.0000001	0.0028250	0.0003457	0.00
		BETA22	0.0010349	0.0000000	0.0010349	0.0000865	0.00
		BETA33	0.0015572	0.0000001	0.0015573	0.0001393	0.00
		BETA12	0.0000000		0.0000000		
		BETA13	0.0000000		0.0000000		
		BETA23	-0.0002036	0.0000000	-0.0002036	0.0000831	0.00
ATOM 2	M2	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 2	0.09804	-0.00002	0.09802	0.00409	-0.01
		OCCUPANCY SPECIES 5	0.90196		0.90198		
		TOTAL OCCUPANCY (FIXED) =	1.00000				
		X	0.0107246	-0.0000001	0.0107245	0.0001554	-0.00
		Y	0.1717792	0.0000000	0.1717792	0.0000686	0.00
		Z	0.3072934	-0.0000000	0.3072934	0.0000858	-0.00
		BETA11	0.0042038	0.0000001	0.0042039	0.0002448	0.00
		BETA22	0.0005545	0.0000000	0.0005545	0.0000555	0.00
		BETA33	0.0016942	0.0000000	0.0016942	0.0000933	0.00
		BETA12	0.0001709	-0.0000000	0.0001709	0.0001058	-0.00
		BETA13	-0.0001178	-0.0000000	-0.0001178	0.0001308	-0.00
		BETA23	0.0004305	0.0000000	0.0004306	0.0000547	0.00
ATOM 3	M3	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 2	0.80841		0.80845		
		OCCUPANCY SPECIES 5	0.09959		0.09955		
		TOTAL OCCUPANCY (FIXED) =	0.90800				
		X	0.4897066	0.0000000	0.4897066	0.0002557	0.00
		Y	0.8840591	-0.0000000	0.8840591	0.0001122	-0.00
		Z	0.0759517	-0.0000001	0.0759516	0.0001363	-0.00
		BETA11	0.0036254	0.0000002	0.0036257	0.0004155	0.00
		BETA22	0.0007929	0.0000000	0.0007929	0.0000969	0.00
		BETA33	0.0015076	0.0000001	0.0015077	0.0001622	0.00
		BETA12	0.0000879	0.0000000	0.0000879	0.0001753	0.00
		BETA13	-0.0002697	0.0000000	-0.0002697	0.0002144	0.00
		BETA23	0.0003216	0.0000000	0.0003216	0.0000962	0.00
ATOM 4	M3'	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 7	0.09200		0.09200		
		X	0.4897066		0.4897066		
		Y	0.8840591		0.8840591		
		Z	0.0759517		0.0759516		
		BETA11	0.0036254		0.0036257		
		BETA22	0.0007929		0.0007929		
		BETA33	0.0015076		0.0015077		
		BETA12	0.0000879		0.0000879		
		BETA13	-0.0002697		-0.0002697		
		BETA23	0.0003216		0.0003216		

ATOM 5	S1	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 3	1.00000		1.00000		
		X	0.0756661	0.0000000	0.0756661	0.0002450	0.00
		Y	0.1444919	-0.0000000	0.1444919	0.0001259	-0.00
		Z	0.7090105	0.0000000	0.7090105	0.0001552	0.00
		BETA11	0.0015587	-0.0000003	0.0015584	0.0003768	-0.00
		BETA22	0.0006665	-0.0000001	0.0006665	0.0000962	-0.00
		BETA33	0.0015646	-0.0000001	0.0015645	0.0001536	-0.00
		BETA12	-0.0001192	0.0000000	-0.0001192	0.0001616	0.00
		BETA13	0.0000572	-0.0000000	0.0000571	0.0001989	-0.00
		BETA23	0.0002168	-0.0000000	0.0002167	0.0000997	-0.00
ATOM 6	O1	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 1	1.00000		1.00000		
		X	0.7821818	0.0000002	0.7821820	0.0006549	0.00
		Y	-0.0054366	-0.0000002	-0.0054368	0.0003150	-0.00
		Z	0.2905633	-0.0000001	0.2905632	0.0003919	-0.00
		BETA11	0.0053860	-0.0000004	0.0053856	0.0010935	-0.00
		BETA22	0.0009110	-0.0000001	0.0009109	0.0002567	-0.00
		BETA33	0.0027897	-0.0000002	0.0027895	0.0004366	-0.00
		BETA12	0.0003872	0.0000000	0.0003872	0.0004542	0.00
		BETA13	0.0002461	0.0000000	0.0002461	0.0005638	0.00
		BETA23	0.0006846	-0.0000001	0.0006845	0.0002848	-0.00
ATOM 7	O2	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 1	1.00000		1.00000		
		X	0.7186257	0.0000000	0.7186258	0.0006570	0.00
		Y	0.2446024	-0.0000000	0.2446024	0.0003238	-0.00
		Z	0.1244593	0.0000000	0.1244593	0.0003897	0.00
		BETA11	0.0056537	-0.0000004	0.0056533	0.0011017	-0.00
		BETA22	0.0013182	-0.0000001	0.0013182	0.0002646	-0.00
		BETA33	0.0018471	-0.0000001	0.0018470	0.0004151	-0.00
		BETA12	0.0001419	-0.0000000	0.0001418	0.0004664	-0.00
		BETA13	0.0009355	-0.0000001	0.0009354	0.0005638	-0.00
		BETA23	-0.0002564	0.0000000	-0.0002564	0.0002806	0.00
ATOM 8	O3	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 1	1.00000		1.00000		
		X	0.2135146	0.0000000	0.2135146	0.0006555	0.00
		Y	0.1697768	-0.0000000	0.1697767	0.0003317	-0.00
		Z	0.5373801	-0.0000000	0.5373801	0.0003867	-0.00
		BETA11	0.0061158	-0.0000004	0.0061154	0.0011149	-0.00
		BETA22	0.0019192	-0.0000001	0.0019191	0.0002861	-0.00
		BETA33	0.0018076	-0.0000001	0.0018074	0.0004250	-0.00
		BETA12	0.0002162	-0.0000000	0.0002162	0.0004796	-0.00
		BETA13	0.0004203	0.0000000	0.0004203	0.0005599	0.00
		BETA23	0.0008621	-0.0000001	0.0008620	0.0002932	-0.00
ATOM 9	O4	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 1	1.00000		1.00000		
		X	0.2632149	0.0000001	0.2632150	0.0006157	0.00
		Y	0.8549867	0.0000000	0.8549867	0.0003376	0.00
		Z	0.2889001	-0.0000000	0.2889000	0.0004014	-0.00
		BETA11	0.0026441	-0.0000004	0.0026436	0.0010598	-0.00
		BETA22	0.0018683	-0.0000001	0.0018682	0.0002892	-0.00
		BETA33	0.0025750	-0.0000002	0.0025748	0.0004401	-0.00
		BETA12	0.0001094	-0.0000000	0.0001094	0.0004767	-0.00
		BETA13	0.0002517	0.0000001	0.0002517	0.0005622	0.00
		BETA23	0.0005017	-0.0000001	0.0005017	0.0003024	-0.00
ATOM 10	OH,F	EQUIPOINT FRACTION = 1.000					
		OCCUPANCY SPECIES 1	1.00000		1.00000		
		X	0.2613544	-0.0000001	0.2613543	0.0006634	-0.00
		Y	0.0527240	0.0000000	0.0527240	0.0003253	0.00
		Z	0.0918561	-0.0000001	0.0918561	0.0003915	-0.00
		BETA11	0.0067443	-0.0000003	0.0067439	0.0011697	-0.00

BETA22	0.0014062	-0.0000001	0.0014061	0.0002730	-0.00
BETA33	0.0026037	-0.0000002	0.0026036	0.0004420	-0.00
BETA12	0.0009090	-0.0000000	0.0009090	0.0004777	-0.00
BETA13	0.0023533	0.0000000	0.0023533	0.0005870	0.00
BETA23	0.0004617	0.0000000	0.0004617	0.0002909	0.00

MAXIMUM SHIFT/ERROR = -0.01

AVERAGE SHIFT/ERROR = 0.00

CORRELATION MATRIX

ROW 1																				
1	1.0000	2	0.0596	3	0.1482	4	0.1641	5	0.1534	6	0.0432	7	0.1512	8	-0.0120	9	0.0152	10	-0.0010	
11	0.2240	12	0.2106	13	0.2163	14	0.0011	15	0.0038	16	0.0921	17	0.0085	18	0.0095	19	0.0058	20	0.2232	
21	0.2407	22	0.2353	23	-0.0011	24	-0.0060	25	0.0959	26	0.0226	27	-0.0076	28	-0.0139	29	0.1622	30	0.1569	
31	0.1625	32	-0.0033	33	0.0050	34	0.0521	35	0.0024	36	0.0263	37	0.0166	38	0.0613	39	0.0678	40	0.0624	
41	0.0061	42	-0.0091	43	0.0316	44	-0.0031	45	-0.0231	46	-0.0076	47	0.0667	48	0.0621	49	0.0441	50	-0.0081	
51	0.0143	52	0.0058	53	0.0156	54	0.0092	55	-0.0619	56	0.0654	57	0.0709	58	0.0631	59	-0.0013	60	-0.0064	
61	0.0270	62	-0.0025	63	0.0097	64	-0.0058	65	0.0438	66	0.0872	67	0.0587	68	-0.0017	69	0.0169	70	0.0142	
71	0.0085	72	0.0247	73	-0.0042	74	0.0611	75	0.0584	76	0.0519	77	0.0071	78	0.0057	79	0.0095			
ROW 2																				
2	1.0000	3	-0.3506	4	-0.3597	5	-0.3884	6	-0.1307	7	-0.3363	8	-0.0011	9	0.0118	10	-0.0205	11	0.1197	
12	0.1383	13	0.1493	14	0.0020	15	-0.0026	16	0.0585	17	-0.0004	18	-0.0109	19	-0.0064	20	0.1691	21	0.1723	
22	0.1722	23	0.0047	24	-0.0018	25	0.0783	26	-0.0009	27	-0.0093	28	0.0003	29	0.0137	30	0.0034	31	0.0106	
32	-0.0030	33	-0.0067	34	-0.0041	35	-0.0076	36	-0.0379	37	-0.0226	38	0.0098	39	-0.0095	40	0.0128	41	0.0025	
42	-0.0026	43	0.0024	44	0.0154	45	-0.0050	46	-0.0178	47	0.0093	48	-0.0013	49	-0.0020	50	-0.0091	51	-0.0063	
52	-0.0021	53	-0.0054	54	-0.0489	55	-0.0035	56	0.0097	57	0.0091	58	0.0037	59	-0.0081	60	0.0031	61	0.0055	
62	0.0105	63	0.0168	64	0.0026	65	0.0048	66	0.0001	67	0.0261	68	0.0097	69	0.0055	70	0.0199	71	-0.0138	
72	-0.0231	73	-0.0367	74	0.0031	75	-0.0007	76	-0.0106	77	-0.0047	78	0.0097	79	-0.0000					
ROW 3																				
3	1.0000	4	-0.0343	5	-0.0323	6	-0.0151	7	0.1384	8	-0.0348	9	-0.0007	10	0.0069	11	-0.1083	12	0.0177	
13	0.0107	14	-0.0038	15	-0.0000	16	0.0002	17	0.0084	18	0.0059	19	0.0123	20	-0.0404	21	-0.0135	22	-0.0182	
23	-0.0063	24	-0.0004	25	-0.0051	26	0.0024	27	0.0094	28	0.0031	29	-0.0201	30	0.0280	31	0.0289	32	0.0156	
33	0.0042	34	0.0082	35	-0.0123	36	0.0166	37	0.0166	38	-0.0191	39	0.0254	40	0.0077	41	-0.0052	42	0.0078	
43	0.0142	44	-0.0072	45	-0.0047	46	-0.0054	47	-0.0280	48	0.0244	49	0.0188	50	0.0074	51	0.0164	52	0.0100	
53	0.0084	54	0.0055	55	-0.0088	56	-0.0187	57	0.0140	58	0.0121	59	0.0077	60	-0.0138	61	0.0108	62	-0.0184	
63	-0.0072	64	0.0030	65	0.0194	66	0.0085	67	0.0007	68	-0.0284	69	-0.0087	70	-0.0012	71	-0.0146	72	0.0215	
73	0.0138	74	0.0292	75	0.0046	76	0.0132	77	0.0091	78	0.0006	79	0.0083							
ROW 4																				
4	1.0000	5	0.0570	6	0.3622	7	0.1551	8	-0.0015	9	0.0034	10	0.0196	11	0.0246	12	-0.1718	13	-0.0010	
14	0.0005	15	0.0005	16	-0.0681	17	0.0004	18	-0.0203	19	-0.0048	20	-0.0101	21	-0.0410	22	-0.0250	23	-0.0085	
24	-0.0056	25	-0.0299	26	0.0013	27	-0.0064	28	-0.0043	29	0.0258	30	0.0483	31	0.0189	32	0.0032	33	-0.0029	
34	0.0150	35	0.0029	36	0.0364	37	0.0183	38	0.0172	39	0.0260	40	0.0069	41	0.0008	42	-0.0112	43	0.0061	
44	-0.0039	45	0.0143	46	0.0163	47	0.0239	48	-0.0198	49	0.0181	50	0.0125	51	0.0059	52	0.0004	53	0.0174	
54	0.0300	55	-0.0176	56	0.0152	57	-0.0091	58	0.0102	59	-0.0009	60	-0.0036	61	-0.0092	62	-0.0016	63	0.0196	
64	0.0090	65	-0.0001	66	0.0163	67	-0.0012	68	-0.0109	69	-0.0023	70	-0.0117	71	0.0110	72	-0.0085	73	0.0106	
74	0.0058	75	0.0405	76	0.0116	77	0.0020	78	-0.0005	79	0.0092									
ROW 5																				
5	1.0000	6	0.4152	7	0.1721	8	-0.0007	9	-0.0008	10	-0.0049	11	0.0103	12	-0.0032	13	-0.1240	14	0.0001	
15	0.0059	16	-0.0540	17	0.0027	18	0.0104	19	-0.0021	20	-0.0174	21	-0.0283	22	-0.0658	23	0.0022	24	0.0063	
25	-0.0479	26	0.0055	27	-0.0016	28	-0.0155	29	0.0286	30	0.0187	31	0.0194	32	-0.0080	33	0.0100	34	0.0071	
35	0.0005	36	0.0069	37	-0.0242	38	0.0073	39	0.0159	40	0.0259	41	-0.0024	42	0.0114	43	0.0207	44	-0.0049	
45	0.0051	46	0.0181	47	0.0184	48	0.0215	49	-0.0120	50	0.0039	51	0.0104	52	-0.0030	53	0.0037	54	0.0247	
55	0.0066	56	0.0092	57	0.0096	58	0.0019	59	-0.0003	60	-0.0037	61	-0.0109	62	0.0002	63	-0.0047	64	-0.0129	
65	0.0070	66	0.0125	67	-0.0145	68	-0.0115	69	-0.0163	70	-0.0179	71	0.0063	72	0.0077	73	-0.0041	74	0.0090	
75	0.0074	76	-0.0121	77	-0.0009	78	-0.0173	79	-0.0207											
ROW 6																				
6	1.0000	7	0.0480	8	-0.0007	9	0.0144	10	0.0057	11	-0.0008	12	-0.0673	13	-0.0548	14	0.0008	15	-0.0013	
16	-0.1428	17	0.0018	18	-0.0092	19	-0.0012	20	-0.0059	21	-0.0312	22	-0.0474	23	-0.0015	24	0.0004	25	-0.0527	
26	0.0052	27	-0.0053	28	-0.0078	29	0.0056	30	0.0098	31	0.0016	32	-0.0086	33	-0.0043	34	-0.0169	35	0.0046	
36	-0.0065	37	-0.0007	38	0.0117	39	0.0069	40	0.0192	41	-0.0040	42	-0.0098	43	0.0232	44	-0.0039	45	0.0097	
46	0.0262	47	0.0128	48	0.0012	49	-0.0037	50	0.0082	51	0.0134	52	0.0062	53	0.0077	54	-0.0020	55	0.0018	
56	0.0107	57	-0.0094	58	-0.0116	59	-0.0124	60	0.0003	61	-0.0007	62	-0.0068	63	0.0038	64	0.0156	65	0.0045	
66	-0.0031	67	-0.0133	68	-0.0141	69	-0.0260	70	-0.0225	71	0.0040	72	-0.0004	73	-0.0139	74	0.0114	75	0.0100	

75 -0.0202 77 -0.0002 78 -0.0052 79 0.0070

ROW 7

7	1.0000	8	0.0086	9	0.0074	10	-0.0103	11	-0.2809	12	-0.2971	13	-0.3249	14	-0.0086	15	-0.0008	16	-0.1110
17	0.0135	18	0.0026	19	-0.0034	20	0.2636	21	0.2751	22	0.2907	23	0.0009	24	0.0012	25	0.0999	26	0.0088
27	0.0234	28	-0.0035	29	0.0213	30	0.0220	31	0.0363	32	0.0030	33	0.0053	34	0.0084	35	-0.0231	36	0.0465
37	-0.0129	38	0.0013	39	0.0229	40	0.0051	41	0.0020	42	-0.0041	43	0.0013	44	0.0228	45	0.0033	46	0.0353
47	-0.0010	48	0.0329	49	-0.0013	50	-0.0077	51	0.0042	52	0.0094	53	-0.0120	54	0.0786	55	0.0332	56	0.0096
57	0.0059	58	0.0298	59	0.0078	60	-0.0004	61	0.0094	62	0.0086	63	-0.0428	64	-0.0419	65	0.0020	66	0.0181
67	-0.0135	68	-0.0126	69	-0.0118	70	-0.0150	71	-0.0160	72	0.0371	73	0.0254	74	0.0205	75	-0.0060	76	0.0182
77	0.0020	78	0.0080	79	0.0065														

ROW 8

8	1.0000	9	0.0041	10	-0.0054	11	-0.0781	12	-0.0127	13	-0.0029	14	-0.0041	15	0.0139	16	-0.0020	17	0.0689
18	-0.0017	19	-0.0043	20	0.0188	21	-0.0058	22	-0.0066	23	0.0149	24	0.0234	25	-0.0045	26	0.0534	27	-0.0134
28	0.0055	29	0.0676	30	0.0111	31	0.0024	32	-0.0213	33	-0.0030	34	-0.0033	35	0.0262	36	0.0152	37	0.0061
38	-0.0032	39	0.0079	40	-0.0047	41	-0.0085	42	-0.0038	43	0.0116	44	-0.0336	45	-0.0052	46	-0.0090	47	0.0282
48	-0.0068	49	0.0018	50	0.0101	51	0.0308	52	-0.0070	53	-0.0024	54	-0.0022	55	0.0198	56	0.0290	57	-0.0080
58	-0.0235	59	-0.0012	60	-0.0109	61	-0.0151	62	-0.0037	63	0.0122	64	-0.0055	65	-0.0288	66	-0.0019	67	0.0121
68	0.0145	69	-0.0111	70	0.0101	71	0.0349	72	-0.0113	73	-0.0006	74	0.0055	75	0.0069	76	0.0044	77	0.0005
78	0.0037	79	0.0120																

ROW 9

9	1.0000	10	0.3729	11	-0.0021	12	-0.0066	13	-0.0006	14	0.0494	15	0.0205	16	-0.0159	17	-0.0017	18	-0.0207
19	0.0010	20	0.0152	21	0.0143	22	0.0057	23	0.0030	24	0.0020	25	0.0061	26	-0.0247	27	-0.0010	28	-0.0016
29	0.0126	30	-0.0313	31	-0.0033	32	0.0114	33	0.0024	34	-0.0270	35	-0.0132	36	-0.0175	37	-0.0016	38	0.0045
39	0.0016	40	0.0018	41	0.0119	42	0.0052	43	0.0077	44	0.0034	45	-0.0029	46	0.0057	47	0.0073	48	0.0023
49	0.0003	50	-0.0151	51	0.0034	52	0.0053	53	-0.0107	54	-0.0078	55	-0.0036	56	0.0101	57	0.0051	58	-0.0054
59	-0.0000	60	0.0001	61	0.0087	62	-0.0000	63	0.0071	64	0.0009	65	-0.0035	66	0.0293	67	0.0022	68	-0.0049
69	-0.0038	70	0.0082	71	0.0080	72	-0.0179	73	-0.0059	74	-0.0039	75	0.0313	76	-0.0202	77	-0.0028	78	-0.0025
79	-0.0142																		

ROW 10

10	1.0000	11	0.0053	12	-0.0033	13	-0.0072	14	0.0197	15	0.0410	16	-0.0041	17	-0.0011	18	-0.0008	19	0.0150
20	-0.0061	21	-0.0105	22	-0.0001	23	0.0001	24	0.0019	25	-0.0017	26	-0.0133	27	-0.0040	28	0.0015	29	0.0034
30	-0.0141	31	-0.0203	32	0.0039	33	-0.0026	34	-0.0095	35	0.0021	36	0.0008	37	0.0141	38	-0.0030	39	0.0006
40	0.0112	41	0.0042	42	0.0129	43	-0.0022	44	-0.0007	45	0.0036	46	0.0420	47	-0.0032	48	0.0045	49	0.0010
50	0.0031	51	-0.0075	52	0.0020	53	-0.0064	54	-0.0034	55	-0.0124	56	0.0070	57	0.0015	58	-0.0044	59	0.0021
60	-0.0069	61	-0.0077	62	-0.0048	63	-0.0006	64	0.0310	65	-0.0076	66	0.0109	67	0.0096	68	-0.0039	69	0.0051
70	0.0132	71	-0.0011	72	-0.0049	73	0.0047	74	0.0096	75	0.0047	76	-0.0325	77	-0.0023	78	-0.0001	79	-0.0083

ROW 11

11	1.0000	12	-0.0356	13	-0.0313	14	0.0212	15	-0.0067	16	-0.0150	17	-0.0268	18	-0.0027	19	0.0003	20	-0.0735
21	-0.0260	22	-0.0175	23	-0.0048	24	-0.0120	25	-0.0126	26	-0.0162	27	-0.0282	28	-0.0140	29	-0.0104	30	0.0596
31	0.0397	32	-0.0243	33	-0.0114	34	0.0199	35	0.0064	36	-0.0015	37	0.0024	38	0.0284	39	0.0160	40	0.0067
41	0.0159	42	0.0002	43	-0.0013	44	0.0144	45	-0.0125	46	-0.0036	47	0.0157	48	0.0019	49	0.0109	50	-0.0109
51	-0.0231	52	-0.0047	53	0.0139	54	-0.0224	55	-0.0381	56	-0.0002	57	0.0197	58	0.0149	59	0.0043	60	0.0024
61	0.0009	62	0.0174	63	0.0178	64	0.0126	65	-0.0030	66	0.0328	67	0.0256	68	0.0305	69	0.0191	70	0.0115
71	0.0288	72	-0.0017	73	0.0002	74	-0.0264	75	0.0268	76	0.0103	77	0.0037	78	-0.0081	79	-0.0041		

ROW 12

12	1.0000	13	0.0709	14	0.0142	15	0.0094	16	0.4171	17	0.0074	18	0.0151	19	0.0028	20	-0.0292	21	-0.0859
22	-0.0162	23	0.0062	24	0.0061	25	-0.0301	26	-0.0013	27	0.0373	28	0.0094	29	0.0617	30	-0.0689	31	0.0513
32	-0.0492	33	-0.0142	34	-0.0134	35	0.0107	36	-0.0183	37	0.0156	38	0.0220	39	-0.0624	40	0.0252	41	-0.0113
42	-0.0038	43	-0.0136	44	-0.0056	45	-0.0151	46	-0.0143	47	0.0107	48	0.0103	49	0.0121	50	0.0103	51	0.0071
52	-0.0067	53	0.0053	54	-0.0107	55	-0.0227	56	0.0151	57	-0.0073	58	0.0178	59	-0.0073	60	0.0014	61	-0.0026
62	-0.0039	63	-0.0134	64	0.0026	65	0.0290	66	-0.0250	67	0.0151	68	-0.0014	69	0.0071	70	-0.0084	71	-0.0009
72	0.0085	73	-0.0029	74	0.0173	75	-0.0005	76	0.0100	77	-0.0056	78	-0.0023	79	0.0022				

ROW 13

13	1.0000	14	-0.0017	15	-0.0014	16	0.4563	17	0.0038	18	0.0044	19	0.0185	20	-0.0195	21	-0.0159	22	-0.1200
23	0.0021	24	-0.0009	25	-0.0282	26	0.0056	27	-0.0118	28	0.0128	29	0.0459	30	0.0523	31	-0.0372	32	0.0160
33	0.0049	34	-0.0169	35	0.0058	36	-0.0095	37	0.0084	38	0.0075	39	0.0233	40	0.0090	41	0.0088	42	0.0134
43	0.0101	44	-0.0133	45	-0.0133	46	-0.0457	47	0.0176	48	0.0044	49	0.0169	50	-0.0100	51	-0.0081	52	0.0050
53	0.0063	54	-0.0213	55	0.0019	56	0.0198	57	0.0282	58	-0.0253	59	-0.0009	60	-0.0025	61	0.0069	62	-0.0038
63	0.0118	64	-0.0019	65	0.0162	66	0.0133	67	0.0256	68	0.0040	69	0.0178	70	0.0064	71	0.0029	72	-0.0179

73 -0.0345 74 0.0196 75 0.0166 76 -0.0070 77 0.0125 78 0.0205 79 -0.0110

ROW 14

14	1.0000	15	0.3693	16	0.0008	17	-0.0036	18	0.0002	19	0.0006	20	-0.0106	21	-0.0104	22	0.0016	23	0.0069
24	0.0000	25	-0.0039	26	0.0035	27	-0.0060	28	0.0017	29	-0.0320	30	-0.0476	31	0.0153	32	0.0058	33	0.0056
34	-0.0162	35	0.0001	36	-0.0129	37	-0.0028	38	0.0196	39	0.0167	40	0.0079	41	0.0026	42	-0.0015	43	0.0162
44	-0.0002	45	-0.0151	46	-0.0062	47	0.0038	48	-0.0011	49	0.0007	50	0.0006	51	0.0031	52	-0.0027	53	0.0219
54	-0.0000	55	0.0070	56	0.0058	57	-0.0008	58	-0.0060	59	-0.0067	60	-0.0232	61	-0.0034	62	0.0098	63	0.0210
64	-0.0008	65	0.0043	66	0.0177	67	0.0016	68	0.0105	69	-0.0023	70	0.0192	71	0.0192	72	-0.0041	73	-0.0029
74	-0.0184	75	0.0206	76	0.0020	77	0.0049	78	-0.0118	79	0.0085								

ROW 15

15	1.0000	16	0.0094	17	0.0042	18	0.0011	19	-0.0008	20	0.0003	21	-0.0036	22	-0.0020	23	0.0018	24	0.0038
25	-0.0004	26	0.0108	27	0.0011	28	-0.0072	29	0.0043	30	-0.0195	31	-0.0007	32	0.0065	33	0.0013	34	-0.0131
35	0.0005	36	-0.0030	37	0.0039	38	0.0065	39	0.0140	40	0.0067	41	-0.0032	42	0.0058	43	0.0278	44	0.0117
45	-0.0041	46	-0.0236	47	0.0056	48	-0.0073	49	0.0159	50	0.0046	51	0.0088	52	-0.0021	53	0.0064	54	0.0080
55	0.0168	56	0.0119	57	-0.0002	58	-0.0175	59	-0.0236	60	-0.0041	61	-0.0091	62	0.0065	63	-0.0022	64	0.0008
65	-0.0055	66	0.0163	67	-0.0030	68	-0.0007	69	-0.0061	70	0.0107	71	-0.0058	72	-0.0039	73	0.0087	74	0.0027
75	0.0060	76	-0.0019	77	-0.0055	78	-0.0127	79	0.0011										

ROW 16

16	1.0000	17	0.0041	18	0.0030	19	0.0095	20	-0.0127	21	-0.0282	22	-0.0280	23	0.0056	24	0.0044	25	-0.0907
26	-0.0035	27	0.0153	28	0.0074	29	0.0231	30	-0.0119	31	-0.0147	32	-0.0221	33	0.0016	34	-0.0634	35	0.0027
36	0.0183	37	-0.0078	38	-0.0023	39	-0.0143	40	0.0069	41	0.0017	42	0.0114	43	-0.0222	44	-0.0075	45	-0.0065
46	-0.0242	47	0.0036	48	-0.0028	49	0.0112	50	-0.0061	51	-0.0149	52	0.0074	53	0.0022	54	0.0076	55	0.0017
56	0.0020	57	0.0007	58	0.0049	59	0.0058	60	0.0035	61	-0.0149	62	0.0069	63	-0.0010	64	-0.0245	65	0.0112
66	-0.0126	67	0.0047	68	0.0026	69	0.0132	70	-0.0154	71	-0.0058	72	0.0038	73	-0.0164	74	0.0013	75	0.0056
76	-0.0042	77	0.0032	78	0.0179	79	-0.0267												

ROW 17

17	1.0000	18	0.0036	19	-0.0129	20	0.0809	21	0.0076	22	-0.0008	23	0.0019	24	0.0213	25	-0.0005	26	-0.0394
27	0.0431	28	0.0270	29	-0.0122	30	-0.0100	31	-0.0080	32	-0.0141	33	0.0073	34	-0.0060	35	0.0272	36	0.0220
37	0.0095	38	-0.0160	39	0.0152	40	0.0033	41	0.0038	42	0.0030	43	0.0159	44	-0.0297	45	-0.0137	46	-0.0026
47	-0.0239	48	0.0015	49	0.0070	50	-0.0173	51	0.0300	52	-0.0007	53	0.0156	54	0.0049	55	0.0020	56	0.0272
57	-0.0143	58	-0.0010	59	0.0063	60	0.0036	61	-0.0064	62	0.0096	63	0.0233	64	0.0012	65	0.0070	66	-0.0094
67	0.0091	68	-0.0140	69	-0.0372	70	-0.0103	71	-0.0068	72	-0.0289	73	0.0105	74	-0.0122	75	0.0057	76	0.0035
77	-0.0110	78	0.0026	79	0.0133														

ROW 18

18	1.0000	19	0.3660	20	0.0027	21	0.0006	22	-0.0016	23	-0.0459	24	-0.0187	25	0.0092	26	-0.0082	27	-0.0179
28	-0.0153	29	0.0067	30	-0.0114	31	-0.0112	32	-0.0001	33	0.0055	34	-0.0175	35	0.0032	36	-0.0209	37	-0.0007
38	0.0108	39	-0.0249	40	0.0001	41	0.0064	42	0.0027	43	0.0056	44	-0.0028	45	0.0158	46	-0.0144	47	-0.0008
48	-0.0002	49	0.0062	50	0.0147	51	0.0188	52	0.0017	53	0.0029	54	-0.0237	55	-0.0134	56	0.0038	57	-0.0091
58	-0.0132	59	-0.0008	60	-0.0029	61	-0.0043	62	0.0029	63	0.0244	64	0.0173	65	0.0047	66	-0.0071	67	-0.0019
68	-0.0042	69	-0.0009	70	0.0113	71	0.0057	72	-0.0246	73	-0.0137	74	0.0080	75	-0.0244	76	0.0041	77	-0.0135
78	-0.0054	79	0.0024																

ROW 19

19	1.0000	20	0.0009	21	0.0075	22	-0.0202	23	-0.0176	24	-0.0432	25	-0.0024	26	-0.0081	27	-0.0155	28	-0.0112
29	0.0110	30	-0.0038	31	-0.0316	32	0.0055	33	-0.0001	34	-0.0172	35	0.0003	36	-0.0039	37	0.0039	38	0.0067
39	-0.0045	40	-0.0030	41	0.0029	42	0.0169	43	-0.0138	44	0.0094	45	-0.0125	46	-0.0256	47	-0.0046	48	-0.0009
49	0.0181	50	0.0178	51	0.0169	52	0.0059	53	-0.0039	54	-0.0131	55	-0.0106	56	0.0029	57	0.0010	58	-0.0321
59	-0.0024	60	-0.0210	61	-0.0275	62	-0.0023	63	0.0168	64	0.0131	65	0.0066	66	0.0060	67	-0.0149	68	-0.0007
69	-0.0114	70	-0.0089	71	-0.0071	72	-0.0142	73	-0.0241	74	0.0127	75	-0.0040	76	-0.0075	77	-0.0048	78	-0.0158
79	-0.0096																		

ROW 20

20	1.0000	21	-0.0046	22	-0.0161	23	0.0107	24	0.0010	25	-0.0041	26	-0.0077	27	0.0096	28	0.0113	29	-0.0110
30	0.0450	31	0.0490	32	-0.0111	33	-0.0001	34	0.0140	35	0.0062	36	0.0117	37	-0.0080	38	-0.0133	39	0.0259
40	0.0160	41	-0.0036	42	-0.0059	43	0.0099	44	0.0117	45	-0.0009	46	0.0027	47	0.0087	48	0.0099	49	0.0141
50	-0.0268	51	0.0149	52	-0.0026	53	-0.0170	54	0.0209	55	-0.0001	56	-0.0014	57	0.0125	58	0.0287	59	0.0008
60	0.0119	61	0.0086	62	0.0205	63	-0.0138	64	-0.0135	65	-0.0272	66	0.0248	67	0.0208	68	-0.0160	69	0.0076
70	0.0050	71	-0.0289	72	-0.0022	73	0.0082	74	0.0171	75	0.0075	76	-0.0004	77	-0.0116	78	0.0100	79	0.0031

ROW 21

21	1.0000	22	0.1042	23	0.0100	24	0.0053	25	0.4215	26	0.0176	27	0.0002	28	-0.0108	29	0.0516	30	0.0006

31	1.0000	32	0.0681	33	0.0051	34	-0.0104	35	-0.0089	36	0.0143	37	-0.0113	38	0.0199	39	0.0217	40	0.0171
41	-0.0013	42	0.0022	43	0.0156	44	0.0130	45	-0.0092	46	0.0090	47	0.0037	48	0.0355	49	0.0096	50	-0.0261
51	-0.0074	52	0.0187	53	0.0044	54	-0.0104	55	-0.0138	56	0.0166	57	0.0331	58	0.0136	59	0.0050	60	-0.0000
61	0.0110	62	-0.0063	63	0.0162	64	-0.0184	65	0.0152	66	0.0248	67	0.0164	68	0.0109	69	0.0014	70	0.0083
71	-0.0066	72	0.0167	73	-0.0116	74	0.0174	75	-0.0316	76	0.0088	77	0.0024	78	-0.0008	79	-0.0199		

ROW 22

22	1.0000	23	-0.0073	24	-0.0199	25	0.4595	26	0.0055	27	0.0018	28	-0.0135	29	0.0470	30	0.0299	31	0.0209
32	-0.0012	33	-0.0073	34	-0.0100	35	-0.0069	36	0.0059	37	-0.0099	38	0.0157	39	0.0142	40	0.0212	41	-0.0006
42	-0.0264	43	0.0071	44	0.0171	45	0.0097	46	0.0266	47	0.0195	48	0.0233	49	-0.0146	50	-0.0020	51	-0.0014
52	-0.0058	53	-0.0059	54	0.0086	55	-0.0038	56	0.0250	57	0.0068	58	0.0248	59	-0.0011	60	-0.0097	61	0.0063
62	0.0044	63	-0.0102	64	0.0075	65	0.0179	66	0.0214	67	-0.0127	68	-0.0012	69	-0.0013	70	-0.0079	71	-0.0089
72	0.0117	73	0.0058	74	0.0064	75	0.0064	76	0.0589	77	-0.0058	78	0.0115	79	0.0265				

ROW 23

23	1.0000	24	0.3464	25	-0.0010	26	0.0025	27	0.0261	28	0.0472	29	-0.0022	30	-0.0051	31	-0.0076	32	-0.0215
33	-0.0083	34	-0.0137	35	-0.0195	36	-0.0099	37	-0.0109	38	-0.0087	39	-0.0150	40	0.0034	41	0.0241	42	0.0168
43	-0.0050	44	-0.0045	45	-0.0187	46	-0.0065	47	-0.0013	48	0.0074	49	0.0072	50	-0.0115	51	-0.0165	52	0.0138
53	-0.0151	54	0.0131	55	0.0139	56	0.0214	57	0.0220	58	-0.0129	59	-0.0016	60	0.0088	61	-0.0070	62	0.0071
63	-0.0076	64	-0.0045	65	0.0297	66	-0.0106	67	-0.0182	68	0.0154	69	-0.0062	70	-0.0272	71	0.0141	72	-0.0312
73	-0.0092	74	-0.0117	75	-0.0011	76	-0.0156	77	-0.0045	78	0.0066	79	-0.0105						

ROW 24

24	1.0000	25	-0.0041	26	-0.0034	27	0.0459	28	0.0140	29	0.0174	30	-0.0186	31	0.0023	32	-0.0086	33	0.0008
34	-0.0189	35	0.0097	36	-0.0050	37	-0.0160	38	-0.0148	39	0.0017	40	-0.0057	41	0.0155	42	0.0149	43	0.0001
44	-0.0137	45	-0.0034	46	-0.0050	47	-0.0074	48	0.0067	49	0.0132	50	-0.0173	51	0.0029	52	0.0106	53	-0.0124
54	0.0126	55	0.0125	56	0.0058	57	0.0010	58	-0.0063	59	0.0086	60	0.0135	61	0.0089	62	0.0141	63	-0.0046
64	-0.0235	65	-0.0056	66	-0.0100	67	-0.0061	68	-0.0068	69	-0.0029	70	-0.0079	71	0.0047	72	-0.0071	73	-0.0013
74	0.0056	75	-0.0056	76	-0.0278	77	0.0074	78	0.0453	79	-0.0277								

ROW 25

25	1.0000	26	0.0100	27	-0.0168	28	0.0027	29	0.0201	30	-0.0063	31	-0.0074	32	0.0026	33	-0.0025	34	-0.0383
35	-0.0084	36	-0.0086	37	-0.0044	38	0.0100	39	0.0106	40	0.0083	41	0.0020	42	-0.0109	43	0.0090	44	0.0143
45	0.0093	46	0.0191	47	-0.0009	48	0.0258	49	-0.0054	50	-0.0052	51	-0.0155	52	-0.0235	53	0.0002	54	-0.0103
55	-0.0238	56	0.0086	57	0.0094	58	0.0029	59	0.0034	60	-0.0042	61	-0.0106	62	0.0001	63	-0.0021	64	0.0001
65	0.0068	66	0.0132	67	-0.0045	68	0.0071	69	-0.0002	70	-0.0031	71	-0.0037	72	-0.0059	73	0.0016	74	0.0055
75	-0.0207	76	0.0250	77	0.0011	78	-0.0169	79	-0.0141										

ROW 26

26	1.0000	27	-0.0038	28	0.0001	29	0.0773	30	-0.0090	31	-0.0119	32	-0.0063	33	0.0099	34	-0.0058	35	-0.0132
36	0.0237	37	0.0051	38	-0.0327	39	0.0120	40	0.0122	41	-0.0084	42	-0.0169	43	0.0059	44	0.0023	45	-0.0025
46	-0.0005	47	-0.0007	48	0.0045	49	0.0098	50	-0.0041	51	-0.0102	52	0.0131	53	0.0010	54	0.0051	55	-0.0196
56	-0.0468	57	0.0180	58	0.0067	59	-0.0170	60	-0.0232	61	0.0005	62	-0.0394	63	0.0039	64	-0.0029	65	-0.0452
66	0.0271	67	0.0245	68	-0.0048	69	0.0030	70	0.0091	71	0.0115	72	0.0057	73	0.0065	74	-0.0400	75	0.0090
76	0.0054	77	0.0094	78	-0.0188	79	0.0044												

ROW 27

27	1.0000	28	0.3516	29	-0.0005	30	-0.0024	31	0.0051	32	0.0157	33	0.0106	34	0.0061	35	-0.0072	36	-0.0064
37	-0.0017	38	-0.0051	39	-0.0084	40	-0.0117	41	-0.0189	42	-0.0045	43	-0.0150	44	0.0061	45	-0.0057	46	-0.0203
47	-0.0081	48	-0.0182	49	0.0041	50	0.0168	51	-0.0014	52	-0.0054	53	-0.0076	54	-0.0006	55	0.0179	56	-0.0117
57	0.0116	58	0.0036	59	-0.0100	60	-0.0097	61	0.0067	62	0.0068	63	0.1868	64	0.0535	65	0.0056	66	0.0069
67	0.0172	68	-0.0164	69	-0.0111	70	0.0349	71	0.0042	72	0.0043	73	-0.0055	74	-0.0070	75	0.0164	76	0.0078
77	0.0123	78	0.0016	79	0.0190														

ROW 28

28	1.0000	29	-0.0041	30	-0.0011	31	0.0056	32	0.0107	33	0.0118	34	0.0037	35	0.0103	36	-0.0042	37	-0.0187
38	0.0071	39	-0.0060	40	-0.0308	41	-0.0043	42	0.0012	43	-0.0183	44	-0.0015	45	-0.0209	46	-0.0409	47	-0.0104
48	-0.0082	49	0.0107	50	-0.0009	51	-0.0094	52	-0.0045	53	0.0145	54	0.0161	55	0.0304	56	-0.0077	57	0.0115
58	-0.0146	59	-0.0109	60	0.0087	61	0.0056	62	0.0073	63	0.0525	64	0.1852	65	-0.0005	66	0.0114	67	0.0296
68	-0.0044	69	-0.0285	70	0.0207	71	0.0164	72	-0.0091	73	-0.0090	74	-0.0107	75	0.0163	76	-0.0070	77	0.0001
78	-0.0371	79	0.0132																

ROW 29

29	1.0000	30	-0.2001	31	-0.2047	32	-0.0011	33	0.0125	34	-0.0836	35	-0.0088	36	0.0019	37	0.0123	38	-0.0357
39	0.0027	40	0.0162	41	0.0044	42	-0.0108	43	0.0052	44	-0.0118	45	-0.0033	46	-0.0030	47	-0.0145	48	0.0208
49	0.0111	50	0.0138	51	0.0138	52	0.0039	53	-0.0067	54	0.0139	55	-0.0008	56	-0.0348	57	0.0245	58	0.0064

59 -0.0248 60 -0.0117 61 0.0102 62 -0.0842 63 -0.0054 64 -0.0088 65 -0.0900 66 0.0658 67 0.0657 68 0.0013
69 0.0074 70 0.0213 71 0.0095 72 0.0095 73 0.0027 74 -0.0252 75 0.0165 76 0.0110 77 0.0041 78 -0.0016
79 0.0074

ROW 30
30 1.0000 31 -0.0773 32 -0.0064 33 -0.0031 34 0.3906 35 0.0093 36 -0.0128 37 -0.0055 38 0.0017 39 0.0134
40 0.0054 41 0.0319 42 0.0070 43 0.0065 44 -0.0104 45 -0.0078 46 -0.0057 47 0.0190 48 -0.0560 49 -0.0006
50 0.0031 51 -0.0001 52 -0.0365 53 -0.0052 54 -0.0153 55 -0.0199 56 0.0223 57 -0.0107 58 0.0159 59 0.0173
60 0.0113 61 0.0018 62 0.0182 63 0.0007 64 -0.0083 65 0.0595 66 -0.2108 67 0.0132 68 0.0008 69 0.0055
70 -0.0903 71 0.0086 72 -0.0046 73 0.0047 74 0.0174 75 -0.0254 76 0.0195 77 -0.0158 78 -0.0059 79 -0.0000

ROW 31
31 1.0000 32 -0.0023 33 -0.0033 34 0.4405 35 -0.0039 36 0.0120 37 0.0010 38 0.0167 39 0.0083 40 0.0013
41 -0.0148 42 -0.0147 43 -0.0077 44 0.0025 45 -0.0005 46 -0.0024 47 0.0146 48 0.0007 49 -0.0154 50 -0.0000
51 0.0058 52 -0.0332 53 -0.0043 54 0.0182 55 0.0246 56 0.0083 57 0.0156 58 0.0095 59 0.0104 60 0.0034
61 0.0072 62 0.0150 63 -0.0070 64 -0.0021 65 0.0639 66 0.0139 67 -0.1947 68 0.0035 69 0.0066 70 -0.0925
71 0.0062 72 0.0145 73 -0.0015 74 0.0117 75 0.0202 76 0.0235 77 0.0017 78 0.0092 79 0.0123

ROW 32
32 1.0000 33 0.3425 34 0.0018 35 0.0004 36 0.0152 37 0.0093 38 0.0057 39 -0.0155 40 -0.0041 41 -0.0057
42 -0.0016 43 -0.0051 44 -0.0007 45 -0.0021 46 0.0068 47 -0.0064 48 -0.0069 49 -0.0052 50 -0.0089 51 -0.0042
52 -0.0057 53 0.0242 54 -0.0069 55 0.0074 56 -0.0197 57 0.0108 58 0.0050 59 0.0174 60 -0.0037 61 0.0102
62 0.0037 63 0.0193 64 0.0090 65 -0.0142 66 0.0105 67 0.0072 68 0.0111 69 -0.0030 70 0.0053 71 0.0080
72 -0.0013 73 0.0019 74 0.0002 75 0.0083 76 0.0046 77 -0.0162 78 -0.0132 79 0.0097

ROW 33
33 1.0000 34 -0.0074 35 0.0135 36 0.0116 37 0.0044 38 -0.0008 39 0.0009 40 -0.0189 41 -0.0022 42 -0.0142
43 -0.0096 44 -0.0074 45 0.0079 46 0.0077 47 -0.0129 48 -0.0002 49 -0.0062 50 -0.0082 51 0.0275 52 -0.0110
53 -0.0017 54 0.0075 55 -0.0133 56 -0.0050 57 0.0060 58 -0.0020 59 -0.0027 60 0.0032 61 -0.0001 62 -0.0035
63 0.0095 64 0.0023 65 -0.0082 66 0.0035 67 0.0135 68 -0.0041 69 0.0062 70 0.0095 71 -0.0104 72 0.0014
73 -0.0057 74 0.0041 75 0.0026 76 0.0156 77 -0.0127 78 0.0141 79 0.0077

ROW 34
34 1.0000 35 0.0020 36 -0.0054 37 0.0037 38 0.0061 39 0.0041 40 -0.0121 41 -0.0072 42 -0.0004 43 -0.0363
44 0.0069 45 -0.0119 46 0.0097 47 0.0046 48 -0.0372 49 -0.0303 50 0.0004 51 0.0099 52 -0.0572 53 -0.0016
54 0.0072 55 0.0123 56 0.0095 57 0.0008 58 0.0058 59 0.0140 60 0.0137 61 -0.0156 62 0.0058 63 -0.0161
64 -0.0107 65 0.0206 66 -0.0923 67 -0.0951 68 0.0063 69 0.0071 70 -0.2328 71 0.0112 72 0.0119 73 0.0132
74 0.0110 75 0.0034 76 0.0101 77 -0.0060 78 -0.0065 79 0.0145

ROW 35
35 1.0000 36 0.0168 37 0.0127 38 0.0185 39 -0.0065 40 -0.0101 41 0.0127 42 -0.0033 43 -0.0045 44 -0.0235
45 0.0081 46 -0.0031 47 0.0014 48 0.0127 49 -0.0066 50 -0.0249 51 0.0124 52 0.0029 53 0.0130 54 0.0066
55 -0.0109 56 -0.0171 57 -0.0182 58 0.0018 59 0.0062 60 0.0123 61 -0.0123 62 -0.0135 63 -0.0043 64 0.0131
65 -0.0158 66 -0.0010 67 0.0014 68 0.0164 69 0.0025 70 -0.0043 71 -0.0094 72 -0.0049 73 0.0061 74 0.0028
75 0.0063 76 -0.0088 77 -0.0254 78 -0.0077 79 0.0024

ROW 36
36 1.0000 37 0.3837 38 -0.0148 39 0.0318 40 0.0116 41 0.0236 42 -0.0041 43 0.0223 44 -0.0121 45 0.0525
46 0.0387 47 -0.0060 48 0.0316 49 -0.0098 50 -0.0226 51 0.0103 52 0.0026 53 0.0001 54 0.0301 55 0.0260
56 -0.0028 57 0.0264 58 0.0059 59 0.0293 60 0.0114 61 0.0029 62 0.0003 63 0.0288 64 -0.0003 65 -0.0058
66 0.0085 67 0.0115 68 0.0118 69 -0.0009 70 0.0115 71 -0.0130 72 -0.0030 73 0.0216 74 -0.0091 75 -0.0038
76 0.0097 77 0.0168 78 0.0128 79 -0.0075

ROW 37
37 1.0000 38 -0.0004 39 0.0179 40 -0.0019 41 -0.0029 42 0.0050 43 0.0232 44 -0.0079 45 0.0403 46 0.0244
47 -0.0026 48 0.0166 49 -0.0273 50 0.0069 51 0.0196 52 -0.0034 53 0.0145 54 0.0297 55 0.0029 56 0.0139
57 0.0066 58 -0.0021 59 0.0122 60 0.0087 61 0.0175 62 -0.0114 63 0.0013 64 -0.0011 65 0.0026 66 0.0158
67 -0.0131 68 0.0010 69 -0.0005 70 0.0203 71 -0.0062 72 0.0193 73 0.0134 74 -0.0121 75 -0.0083 76 0.0270
77 0.0115 78 0.0083 79 0.0048

ROW 38
38 1.0000 39 -0.2326 40 -0.2292 41 0.0233 42 0.0040 43 -0.0988 44 0.0005 45 -0.0037 46 -0.0021 47 -0.0168
48 0.0342 49 -0.0025 50 -0.0006 51 -0.0020 52 0.0048 53 0.0267 54 -0.0023 55 0.0021 56 0.0204 57 0.0162
58 0.0023 59 0.0081 60 -0.0034 61 -0.0003 62 -0.0119 63 -0.0079 64 0.0034 65 0.0151 66 0.0022 67 -0.0062
68 0.0163 69 0.0017 70 0.0040 71 0.0014 72 0.0004 73 0.0038 74 -0.0040 75 0.0058 76 0.0033 77 0.0184
78 -0.0185 79 -0.0009

ROW 39

39	1.0000	40	-0.0719	41	0.0218	42	0.0117	43	0.4101	44	-0.0161	45	-0.0085	46	-0.0029	47	0.0327	48	-0.1062
49	0.0255	50	-0.0144	51	0.0077	52	-0.0189	53	0.0133	54	-0.0001	55	0.0002	56	0.0167	57	-0.0543	58	0.0012
59	0.0090	60	0.0061	61	-0.0219	62	0.0053	63	0.0116	64	0.0059	65	-0.0042	66	0.0135	67	-0.0006	68	-0.0207
69	-0.0106	70	-0.0007	71	0.0091	72	0.0084	73	-0.0029	74	0.0054	75	0.0071	76	-0.0108	77	0.0011	78	0.0140
79	-0.0274																		

ROW 40

40	1.0000	41	-0.0052	42	0.0020	43	0.4670	44	0.0082	45	0.0057	46	0.0138	47	0.0009	48	0.0215	49	0.0217
50	0.0193	51	0.0191	52	0.0261	53	-0.0027	54	0.0020	55	-0.0226	56	0.0035	57	0.0010	58	-0.0111	59	-0.0081
60	-0.0189	61	-0.0114	62	0.0016	63	0.0097	64	0.0090	65	-0.0054	66	0.0004	67	0.0166	68	-0.0081	69	-0.0010
70	-0.0144	71	0.0017	72	-0.0037	73	-0.0106	74	0.0061	75	-0.0173	76	0.0010	77	-0.0004	78	-0.0049	79	0.0022

ROW 41

41	1.0000	42	0.3733	43	0.0147	44	0.0004	45	0.0188	46	-0.0099	47	-0.0217	48	0.0037	49	-0.0041	50	-0.0528
51	-0.0361	52	-0.0101	53	0.0107	54	-0.0316	55	-0.0116	56	0.0053	57	-0.0151	58	0.0143	59	0.0289	60	0.0062
61	0.0116	62	0.0034	63	-0.0016	64	-0.0037	65	0.0216	66	-0.0089	67	-0.0038	68	0.0188	69	0.0040	70	0.0008
71	-0.0098	72	0.0196	73	0.0068	74	0.0373	75	-0.0197	76	-0.0010	77	0.0074	78	0.0189	79	-0.0050		

ROW 42

42	1.0000	43	0.0076	44	-0.0087	45	-0.0093	46	-0.0194	47	-0.0122	48	-0.0034	49	-0.0065	50	-0.0378	51	-0.0265
52	-0.0104	53	0.0176	54	-0.0123	55	-0.0087	56	0.0162	57	-0.0073	58	0.0238	59	0.0056	60	0.0016	61	0.0049
62	-0.0093	63	-0.0035	64	0.0054	65	0.0128	66	-0.0074	67	0.0023	68	0.0062	69	-0.0156	70	-0.0039	71	-0.0007
72	0.0061	73	0.0017	74	0.0227	75	-0.0076	76	-0.0005	77	0.0145	78	0.0082	79	0.0024				

ROW 43

43	1.0000	44	-0.0058	45	0.0027	46	0.0029	47	0.0098	48	-0.0221	49	0.0310	50	0.0120	51	0.0245	52	-0.0088
53	0.0116	54	-0.0036	55	0.0031	56	0.0014	57	-0.0198	58	-0.0123	59	-0.0070	60	-0.0005	61	-0.0522	62	0.0017
63	0.0282	64	-0.0018	65	0.0058	66	0.0034	67	-0.0127	68	-0.0168	69	-0.0109	70	0.0235	71	0.0003	72	-0.0072
73	-0.0057	74	-0.0010	75	-0.0282	76	0.0085	77	0.0071	78	0.0067	79	-0.0618						

ROW 44

44	1.0000	45	0.0044	46	0.0301	47	-0.0275	48	0.0139	49	0.0013	50	0.0010	51	-0.0051	52	-0.0044	53	-0.0017
54	0.0070	55	-0.0036	56	-0.0119	57	0.0103	58	0.0019	59	-0.0034	60	-0.0253	61	0.0002	62	0.0023	63	0.0025
64	-0.0009	65	-0.0041	66	-0.0031	67	0.0040	68	-0.0011	69	-0.0064	70	-0.0056	71	0.0009	72	0.0040	73	-0.0133
74	0.0578	75	0.0030	76	-0.0062	77	0.0322	78	-0.0017	79	0.0081								

ROW 45

45	1.0000	46	0.3125	47	-0.0078	48	0.0147	49	0.0016	50	-0.0159	51	-0.0007	52	0.0134	53	-0.0036	54	0.0027
55	-0.0002	56	-0.0040	57	0.0107	58	0.0022	59	0.0003	60	0.0142	61	0.0169	62	-0.0103	63	-0.0360	64	0.0003
65	-0.0084	66	0.0219	67	-0.0018	68	0.0081	69	0.0071	70	0.0238	71	-0.0189	72	-0.0055	73	0.0249	74	0.0072
75	-0.0026	76	0.0064	77	-0.0118	78	0.0070	79	0.0006										

ROW 46

46	1.0000	47	-0.0006	48	0.0139	49	-0.0080	50	-0.0020	51	-0.0173	52	0.0067	53	-0.0076	54	0.0018	55	-0.0358
56	-0.0002	57	0.0010	58	0.0245	59	0.0160	60	-0.0006	61	0.0020	62	-0.0138	63	0.0008	64	0.0007	65	-0.0168
66	0.0054	67	0.0287	68	0.0045	69	0.0061	70	-0.0048	71	-0.0001	72	0.0266	73	0.0331	74	-0.0045	75	0.0095
76	-0.0057	77	0.0040	78	-0.0078	79	0.0177												

ROW 47

47	1.0000	48	-0.2189	49	-0.2376	50	0.0075	51	0.0406	52	-0.0757	53	-0.0101	54	0.0033	55	-0.0076	56	0.0036
57	0.0067	58	0.0156	59	-0.0092	60	0.0166	61	0.0080	62	0.0041	63	-0.0011	64	-0.0119	65	0.0032	66	0.0099
67	-0.0022	68	-0.0027	69	-0.0142	70	-0.0066	71	-0.0095	72	0.0108	73	0.0005	74	-0.0420	75	0.0269	76	0.0071
77	0.0387	78	-0.0064	79	0.0062														

ROW 48

48	1.0000	49	-0.1118	50	0.0140	51	-0.0023	52	0.3519	53	0.0096	54	0.0112	55	0.0056	56	0.0055	57	-0.0074
58	0.0017	59	0.0043	60	-0.0084	61	-0.0120	62	0.0013	63	-0.0011	64	-0.0013	65	0.0044	66	0.0387	67	0.0038
68	0.0151	69	0.0062	70	0.0316	71	-0.0081	72	0.0149	73	0.0244	74	0.0240	75	-0.0567	76	-0.0173	77	0.0147
78	0.0077	79	-0.0368																

ROW 49

49	1.0000	50	0.0154	51	0.0467	52	0.4139	53	0.0023	54	0.0060	55	0.0055	56	0.0156	57	-0.0033	58	-0.0679
59	-0.0068	60	-0.0033	61	-0.0456	62	0.0054	63	0.0056	64	0.0223	65	-0.0016	66	0.0011	67	-0.0064	68	-0.0017
69	0.0048	70	-0.0056	71	0.0071	72	0.0069	73	0.0022	74	0.0049	75	-0.0178	76	-0.0149	77	-0.0196	78	-0.0208

79 -0.0442

ROW 50
50 1.0000 51 0.2867 52 0.0373 53 -0.0164 54 0.0009 55 0.0154 56 0.0082 57 0.0119 58 -0.0071 59 -0.0036
60 -0.0082 61 0.0120 62 0.0137 63 -0.0128 64 -0.0095 65 0.0051 66 -0.0103 67 -0.0026 68 -0.0007 69 0.0001
70 0.0052 71 0.0401 72 0.0208 73 0.0159 74 0.0066 75 -0.0033 76 -0.0048 77 -0.0072 78 -0.0274 79 -0.0034

ROW 51
51 1.0000 52 0.0171 53 -0.0175 54 0.0179 55 0.0034 56 0.0036 57 0.0061 58 -0.0070 59 -0.0068 60 -0.0181
61 -0.0070 62 0.0212 63 -0.0088 64 -0.0122 65 0.0056 66 0.0011 67 -0.0057 68 -0.0007 69 0.0061 70 -0.0091
71 -0.0082 72 0.0137 73 0.0199 74 -0.0043 75 0.0004 76 0.0009 77 -0.0255 78 -0.0073 79 -0.0017

ROW 52
52 1.0000 53 0.0000 54 0.0191 55 0.0081 56 0.0083 57 -0.0136 58 -0.0464 59 0.0008 60 -0.0153 61 -0.0387
62 0.0050 63 0.0115 64 -0.0036 65 -0.0099 66 0.0291 67 -0.0041 68 0.0002 69 0.0048 70 -0.0198 71 0.0051
72 0.0537 73 0.0003 74 0.0026 75 -0.0346 76 -0.0464 77 -0.0125 78 0.0033 79 -0.0777

ROW 53
53 1.0000 54 0.0074 55 0.0109 56 0.0055 57 0.0022 58 0.0063 59 0.0123 60 0.0052 61 -0.0041 62 0.0016
63 -0.0121 64 -0.0116 65 0.0372 66 0.0009 67 0.0000 68 0.0493 69 0.0078 70 0.0090 71 0.0220 72 0.0078
73 0.0074 74 -0.0029 75 0.0032 76 -0.0059 77 -0.0152 78 -0.0374 79 -0.0031

ROW 54
54 1.0000 55 0.3824 56 -0.0059 57 -0.0181 58 0.0067 59 -0.0205 60 -0.0005 61 -0.0123 62 0.0036 63 -0.0246
64 -0.0086 65 0.0064 66 -0.0197 67 -0.0191 68 0.0017 69 0.0064 70 -0.0356 71 0.0063 72 0.0288 73 0.0264
74 -0.0077 75 0.0281 76 0.0046 77 0.0257 78 0.0003 79 0.0168

ROW 55
55 1.0000 56 -0.0009 57 -0.0119 58 -0.0007 59 -0.0005 60 -0.0067 61 -0.0017 62 0.0022 63 -0.0074 64 -0.0288
65 0.0035 66 -0.0197 67 -0.0353 68 0.0096 69 -0.0294 70 -0.0245 71 0.0089 72 0.0218 73 -0.0032 74 -0.0120
75 0.0071 76 0.0079 77 0.0018 78 0.0020 79 0.0085

ROW 56
56 1.0000 57 -0.2158 58 -0.2365 59 0.0146 60 0.0181 61 -0.0973 62 -0.0042 63 0.0129 64 0.0065 65 -0.0007
66 -0.0002 67 -0.0035 68 0.0364 69 -0.0067 70 -0.0070 71 0.0083 72 -0.0095 73 -0.0082 74 -0.0055 75 0.0076
76 0.0157 77 -0.0118 78 0.0030 79 0.0030

ROW 57
57 1.0000 58 -0.0685 59 0.0157 60 0.0005 61 0.4425 62 -0.0058 63 0.0177 64 0.0050 65 -0.0024 66 0.0262
67 0.0074 68 0.0267 69 0.0033 70 0.0015 71 0.0096 72 0.0016 73 0.0007 74 0.0060 75 -0.0245 76 -0.0045
77 0.0027 78 -0.0088 79 -0.0193

ROW 58
58 1.0000 59 0.0050 60 0.0186 61 0.4617 62 -0.0010 63 0.0054 64 0.0045 65 -0.0019 66 0.0022 67 0.0250
68 -0.0242 69 -0.0041 70 0.0232 71 -0.0110 72 0.0135 73 0.0150 74 0.0137 75 -0.0037 76 0.0041 77 -0.0072
78 -0.0175 79 0.0032

ROW 59
59 1.0000 60 0.3642 61 0.0193 62 -0.0089 63 -0.0154 64 -0.0080 65 -0.0080 66 -0.0027 67 -0.0141 68 0.0196
69 -0.0057 70 -0.0179 71 -0.0133 72 0.0154 73 0.0096 74 -0.0165 75 -0.0012 76 -0.0002 77 -0.0441 78 -0.0055
79 -0.0083

ROW 60
60 1.0000 61 0.0115 62 -0.0092 63 -0.0088 64 0.0072 65 -0.0030 66 -0.0103 67 -0.0121 68 -0.0075 69 0.0370
70 -0.0210 71 -0.0269 72 0.0069 73 0.0019 74 -0.0140 75 0.0030 76 -0.0070 77 -0.0080 78 0.0049 79 -0.0034

ROW 61
61 1.0000 62 -0.0136 63 -0.0063 64 0.0321 65 -0.0050 66 0.0004 67 0.0278 68 -0.0111 69 -0.0009 70 0.0148
71 -0.0041 72 -0.0006 73 0.0186 74 0.0037 75 -0.0186 76 0.0030 77 -0.0193 78 -0.0088 79 -0.0333

ROW 62
62 1.0000 63 0.0090 64 0.0094 65 0.0237 66 -0.0096 67 -0.0113 68 0.0123 69 -0.0013 70 -0.0027 71 0.0218
72 -0.0102 73 -0.0007 74 -0.0234 75 0.0011 76 -0.0018 77 -0.0337 78 0.0102 79 -0.0057

ROW 63
63 1.0000 64 0.3594 65 0.0010 66 0.0086 67 0.0095 68 0.0031 69 -0.0080 70 0.0159 71 0.0164 72 -0.0303

```
73 [illegible] 74 -0.0185 75 0.0498 76 0.0332 77 0.0123 78 0.0055 79 0.0573

ROW  64
64  1.0000  65  0.0041  66  0.0028  67  0.0149  68 -0.0068  69 -0.0060  70  0.0121  71  0.0083  72 -0.0370  73 -0.0143
74 -0.0016  75  0.0319  76  0.0372  77  0.0059  78  0.0042  79  0.0526

ROW  65
65  1.0000  66 -0.2465  67 -0.2562  68  0.0013  69  0.0094  70 -0.0976  71 -0.0227  72 -0.0073  73 -0.0091  74 -0.0366
75 -0.0064  76  0.0178  77  0.0152  78 -0.0071  79  0.0084

ROW  66
66  1.0000  67 -0.0678  68  0.0126  69  0.0026  70  0.4010  71  0.0009  72 -0.0032  73 -0.0164  74 -0.0053  75  0.0172
76 -0.0217  77  0.0126  78  0.0089  79 -0.0434

ROW  67
67  1.0000  68  0.0007  69  0.0108  70  0.4424  71 -0.0004  72 -0.0087  73  0.0097  74  0.0152  75 -0.0191  76 -0.0194
77 -0.0002  78 -0.0057  79 -0.0218

ROW  68
68  1.0000  69  0.3294  70  0.0099  71  0.0749  72  0.0077  73  0.0077  74 -0.0218  75 -0.0172  76 -0.0040  77 -0.0119
78 -0.0187  79 -0.0138

ROW  69
69  1.0000  70  0.0041  71  0.0011  72  0.0046  73  0.0117  74 -0.0077  75 -0.0073  76 -0.0087  77 -0.0118  78  0.0224
79 -0.0177

ROW  70
70  1.0000  71 -0.0054  72 -0.0244  73 -0.0151  74  0.0057  75 -0.0423  76 -0.0207  77  0.0083  78  0.0120  79 -0.0412

ROW  71
71  1.0000  72  0.0327  73  0.0656  74  0.0168  75 -0.0049  76 -0.0059  77 -0.0076  78 -0.0212  79  0.0005

ROW  72
72  1.0000  73  0.3487  74  0.0039  75 -0.0102  76 -0.0006  77  0.0052  78 -0.0010  79 -0.0195

ROW  73
73  1.0000  74  0.0033  75 -0.0121  76  0.0021  77 -0.0016  78  0.0022  79  0.0032

ROW  74
74  1.0000  75 -0.2220  76 -0.2346  77  0.0569  78  0.1195  79 -0.0872

ROW  75
75  1.0000  76 -0.0926  77  0.0525  78 -0.0046  79  0.3958

ROW  76
76  1.0000  77  0.0308  78  0.0974  79  0.4429

ROW  77
77  1.0000  78  0.3323  79  0.0868

ROW  78
78  1.0000  79  0.0542

ROW  79
79  1.0000
```

ELLIPSOIDS OF VIBRATION

ELLIPSOID FOR M1

EQUIVALENT ISOTROPIC B = 0.3922

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.055849	90.00	57.97	50.77
2	0.057603	179.97	90.00	90.00
3	0.091998	90.00	147.97	39.23

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM M1 AT 0.50000 0.00000 0.50000

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M2	0.01072	0.17178	0.30729	3.61851	3.61851	3.61857	3.62096	3.62340	0.07926
M2	1.01072	0.17178	0.30729	3.68658	3.68658	3.68668	3.68884	3.69111	0.07857
M2	-0.01072	-0.17178	0.69271	3.68658	3.68658	3.68668	3.68885	3.69111	0.07857
M2	0.98928	-0.17178	0.69271	3.61851	3.61851	3.61857	3.62096	3.62340	0.07926
M2	0.51072	0.32822	0.69271	3.31669	3.31669	3.31683	3.31967	3.32264	0.06770
M2	0.48928	-0.32822	0.30729	3.31669	3.31669	3.31683	3.31967	3.32264	0.06770
M3	0.48971	-0.11594	0.07595	3.24865	3.24867	3.24897	3.25155	3.25444	0.06664
M3	0.51029	0.11594	0.92405	3.24865	3.24867	3.24897	3.25155	3.25444	0.06664
M3'	0.48971	-0.11594	0.07595	3.24865	3.24867	3.24897	3.25155	3.25444	0.06664
M3'	0.51029	0.11594	0.92405	3.24865	3.24867	3.24897	3.25155	3.25444	0.06664
SI	0.07567	0.14449	0.70901	2.77570	2.77579	2.77647	2.77913	2.78247	0.05681
SI	1.07567	0.14449	0.70901	3.34859	3.34864	3.34916	3.35149	3.35434	0.05706
SI	-0.07567	-0.14449	0.29099	3.34859	3.34864	3.34916	3.35149	3.35434	0.05706
SI	0.92433	-0.14449	0.29099	2.77570	2.77579	2.77647	2.77913	2.78247	0.05681
O1	-0.21782	-0.00544	0.29056	3.84091	3.84091	3.84103	3.84391	3.84691	0.06211
O1	0.78218	-0.00544	0.29056	2.15701	2.15703	2.15743	2.16201	2.16699	0.07092
O1	0.21782	0.00544	0.70944	2.15701	2.15703	2.15743	2.16201	2.16699	0.07092
O1	1.21782	0.00544	0.70944	3.84091	3.84091	3.84104	3.84391	3.84691	0.06211
O2	0.21863	0.25540	0.87554	3.61601	3.61609	3.61683	3.62008	3.62407	0.05611
O2	0.78137	-0.25540	0.12446	3.61601	3.61609	3.61683	3.62008	3.62407	0.05611
O3	0.21351	0.16978	0.53738	2.20644	2.20651	2.20725	2.21173	2.21695	0.07084
O3	1.21351	0.16978	0.53738	3.84301	3.84303	3.84335	3.84622	3.84941	0.06228
O3	-0.21351	-0.16978	0.46262	3.84301	3.84303	3.84335	3.84622	3.84941	0.06228
O3	0.78649	-0.16978	0.46262	2.20644	2.20651	2.20725	2.21173	2.21695	0.07084
O3	0.71351	0.33022	0.46262	3.74415	3.74423	3.74481	3.74692	3.74960	0.08381
O3	0.28649	-0.33022	0.53738	3.74415	3.74423	3.74481	3.74692	3.74960	0.08381
O4	0.26322	-0.14501	0.28890	2.20940	2.20942	2.20988	2.21519	2.22095	0.05633
O4	0.73678	0.14501	0.71110	2.20940	2.20942	2.20988	2.21519	2.22095	0.05633
OH,F	0.26135	0.05272	0.09186	3.70089	3.70096	3.70152	3.70373	3.70651	0.08195
OH,F	0.73865	-0.05272	0.90814	3.70089	3.70096	3.70152	3.70373	3.70651	0.08195

ELLIPSOID FOR M2

EQUIVALENT ISOTROPIC B = 0.3287

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.049118	78.28	168.06	69.42
2	0.069531	132.69	99.76	128.53
3	0.072398	134.94	96.81	45.66

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM M2

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM M2 AT 0.01072 0.17178 0.30729

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M1	0.50000	0.00000	0.50000	3.61851	3.61851	3.61857	3.62096	3.62340	0.05818
M2	0.51072	0.32822	0.69271	3.86345	3.86345	3.86345	3.86543	3.86741	0.06954
M3	0.48971	-0.11594	0.07595	3.79686	3.79686	3.79686	3.79916	3.80147	0.06096
M3'	0.48971	-0.11594	0.07595	3.79686	3.79686	3.79686	3.79916	3.80147	0.06096
SI	0.07567	0.14449	0.70901	3.36550	3.36554	3.36591	3.36745	3.36936	0.06721
SI	-0.07567	-0.14449	0.29099	3.33035	3.33039	3.33082	3.33282	3.33524	0.05190
O1	-0.21782	-0.00544	0.29056	2.13959	2.13969	2.14062	2.14476	2.14983	0.06013
O3	0.21351	0.16978	0.53738	2.10666	2.10697	2.10852	2.11233	2.11769	0.06673
O3	0.71351	-0.33022	0.46262	3.80561	3.80572	3.80637	3.80838	3.81104	0.06981
O4	0.26322	-0.14501	0.28890	3.52151	3.52152	3.52176	3.52459	3.52767	0.04991
OH,F	0.26135	0.05272	0.09186	2.15985	2.16050	2.16266	2.16623	2.17197	0.06905
M1	-0.50000	0.00000	0.50000	3.68658	3.68658	3.68668	3.68885	3.69111	0.06722
M1	0.00000	0.50000	0.50000	3.31669	3.31669	3.31682	3.31967	3.32264	0.05527
M2	-0.48928	0.32822	0.69271	3.86345	3.86345	3.86345	3.86538	3.86731	0.07098
M3	-0.51029	-0.11594	0.07595	3.92310	3.92310	3.92316	3.92524	3.92739	0.06586
M3	-0.48971	0.11594	-0.07595	3.81780	3.81781	3.81795	3.82000	3.82219	0.06836
M3	0.51029	0.11594	-0.07595	3.81518	3.81518	3.81526	3.81717	3.81915	0.07237
M2	0.01029	0.38406	0.07595	3.35143	3.35144	3.35156	3.35409	3.35673	0.05628
M3'	-0.51029	-0.11594	0.07595	3.92310	3.92310	3.92316	3.92524	3.92739	0.06586
M3'	-0.48971	0.11594	-0.07595	3.81780	3.81781	3.81795	3.82000	3.82219	0.06836
M3'	0.51029	0.11594	-0.07595	3.81518	3.81518	3.81526	3.81717	3.81915	0.07237
M3'	0.01029	0.38406	0.07595	3.35143	3.35144	3.35156	3.35409	3.35673	0.05628
SI	-0.42433	0.35551	0.29099	2.88866	2.88869	2.88903	2.89148	2.89428	0.05715
SI	0.57567	0.35551	0.29099	3.36981	3.36981	3.36982	3.37217	3.37452	0.06783
O1	-0.28218	0.49456	0.29056	3.73541	3.73548	3.73607	3.73874	3.74200	0.05000
O2	-0.28137	0.24460	0.12446	2.34229	2.34231	2.34274	2.34647	2.35062	0.06135
O2	0.71863	0.24460	0.12446	3.88926	3.88943	3.89022	3.89311	3.89480	0.07153
O2	0.21863	0.25540	-0.12446	3.99320	3.99328	3.99382	3.99581	3.99834	0.06755
O3	-0.28649	0.33022	0.46262	2.25379	2.25395	2.25503	2.25880	2.26364	0.06330
O4	-0.26322	0.14501	0.71110	3.61483	3.61494	3.61563	3.61772	3.62051	0.07011
O4	0.23678	0.35499	0.28890	2.26822	2.26828	2.26894	2.27289	2.27751	0.05939
OH,F	-0.26135	-0.05272	-0.09186	3.58323	3.58333	3.58396	3.58613	3.58893	0.06862

ELLIPSOID FOR M3

EQUIVALENT ISOTROPIC B = 0.3381

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.060977	42.07	125.18	59.41
2	0.063774	104.46	135.37	113.15
3	0.071135	128.43	113.70	40.02

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM M3 AT 0.48971 0.88406 0.07595

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M1	0.50000	1.00000	0.50000	3.24865	3.24867	3.24897	3.25155	3.25444	0.06667
M2	0.01072	1.17178	0.30729	3.79686	3.79686	3.79686	3.79917	3.80147	0.06403
M2	1.01072	1.17178	0.30729	3.92310	3.92310	3.92317	3.92524	3.92739	0.06449
M2	-0.01072	0.82822	-0.30729	3.81780	3.81781	3.81795	3.82000	3.82219	0.06226
M2	0.98928	0.82822	-0.30729	3.81518	3.81518	3.81526	3.81717	3.81915	0.07042
M2	0.48928	0.67178	0.30729	3.35143	3.35144	3.35156	3.35408	3.35673	0.06628
M3	0.51029	1.11594	-0.07595	3.07632	3.07632	3.07632	3.07908	3.08185	0.06587
M3	-0.01029	0.61594	-0.07595	3.62003	3.62003	3.62003	3.62240	3.62477	0.06534
M3	0.98971	0.61594	-0.07595	3.62003	3.62003	3.62003	3.62248	3.62492	0.06314
M3'	0.51029	1.11594	-0.07595	3.07632	3.07632	3.07632	3.07908	3.08185	0.06587
M3'	-0.01029	0.61594	-0.07595	3.62003	3.62003	3.62003	3.62240	3.62477	0.06534
M3'	0.98971	0.61594	-0.07595	3.62003	3.62003	3.62003	3.62248	3.62492	0.06314
SI	-0.07567	0.85551	0.29099	3.29549	3.29549	3.29554	3.29784	3.30019	0.07030

SI	0.92433	0.85551	0.29099	2.79804	2.79807	2.79846	2.80086	2.80364	0.06137
SI	0.42433	0.64449	-0.29099	3.23812	3.23815	3.23848	3.24045	3.24275	0.06458
O1'	-0.21782	0.99456	0.29056	3.83118	3.83124	3.83176	3.83393	3.83662	0.06737
O1	0.78218	0.99456	0.29056	2.24841	2.24843	2.24885	2.25281	2.25718	0.06292
O1	0.21782	1.00544	-0.29056	3.81849	3.81853	3.81895	3.82124	3.82396	0.06390
O2	0.71863	1.24460	0.12446	3.86555	3.86561	3.86611	3.86832	3.87104	0.06542
O2	0.28137	0.75540	-0.12446	2.01623	2.01644	2.01781	2.02219	2.02794	0.06337
O2	-0.21863	0.74460	0.12446	3.78577	3.78588	3.78656	3.78872	3.79157	0.06814
O2	0.78137	0.74460	0.12446	2.16148	2.16152	2.16210	2.16632	2.17111	0.06116
O3	0.78649	0.83022	0.46262	3.64385	3.64400	3.64486	3.64727	3.65053	0.06371
O4	0.26322	0.85499	0.28890	2.14162	2.14183	2.14306	2.14670	2.15158	0.07096
O4	0.76322	0.64501	-0.28890	3.46855	3.46865	3.46936	3.47179	3.47494	0.06628
OH•F	0.26135	1.05272	0.09186	2.06370	2.06398	2.06555	2.06993	2.07588	0.06172
OH•F	-0.26135	0.94728	-0.09186	3.99340	3.99345	3.99391	3.99617	3.99889	0.06175
OH•F	0.73865	0.94728	-0.09186	2.07508	2.07555	2.07744	2.08120	2.08686	0.07096
OH•F	0.23865	0.55272	0.09186	3.74727	3.74740	3.74816	3.75042	3.75344	0.06628

ELLIPSOID FOR M3'

EQUIVALENT ISOTROPIC B = 0.3381

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.060977	42.07	125.18	59.41
2	0.063774	104.46	135.37	113.15
3	0.071135	128.43	113.70	40.02

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM M3' AT 0.48971 0.88406 0.07595

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M1	0.50000	1.00000	0.50000	3.24865	3.24867	3.24897	3.25155	3.25444	0.06667
M2	0.01072	1.17178	0.30729	3.79686	3.79686	3.79686	3.79917	3.80147	0.06403
M2	1.01072	1.17178	0.30729	3.92310	3.92310	3.92317	3.92524	3.92739	0.06449
M2	-0.01072	0.82822	-0.30729	3.81780	3.81781	3.81795	3.82000	3.82219	0.06226
M2	0.98928	0.82822	-0.30729	3.81518	3.81518	3.81526	3.81717	3.81915	0.07042
M2	0.48928	0.67178	0.30729	3.35143	3.35144	3.35156	3.35408	3.35673	0.06628
M3	0.51029	1.11594	-0.07595	3.07632	3.07632	3.07632	3.07908	3.08185	0.06587
M3	-0.01029	0.61594	-0.07595	3.62003	3.62003	3.62003	3.62240	3.62477	0.06534
M3	0.98971	0.61594	-0.07595	3.62003	3.62003	3.62003	3.62248	3.62492	0.06314
M3'	0.51029	1.11594	-0.07595	3.07632	3.07632	3.07632	3.07908	3.08185	0.06587
M3'	-0.01029	0.61594	-0.07595	3.62003	3.62003	3.62003	3.62240	3.62477	0.06534
M3'	0.98971	0.61594	-0.07595	3.62003	3.62003	3.62003	3.62248	3.62492	0.06314
SI	-0.07567	0.85551	0.29099	3.29549	3.29549	3.29554	3.29784	3.30019	0.07030
SI	0.92433	0.85551	0.29099	2.79804	2.79807	2.79846	2.80086	2.80364	0.06137
SI	0.42433	0.64449	-0.29099	3.23812	3.23815	3.23848	3.24045	3.24275	0.06458
O1	-0.21782	0.99456	0.29056	3.83118	3.83124	3.83176	3.83393	3.83662	0.06737
O1	0.78218	0.99456	0.29056	2.24841	2.24843	2.24885	2.25281	2.25718	0.06292
O1	0.21782	1.00544	-0.29056	3.81849	3.81853	3.81895	3.82124	3.82396	0.06390
O2	0.71863	1.24460	0.12446	3.86555	3.86561	3.86611	3.86832	3.87104	0.06542
O2	0.28137	0.75540	-0.12446	2.01623	2.01644	2.01781	2.02219	2.02794	0.06337
O2	-0.21863	0.74460	0.12446	3.78577	3.78588	3.78656	3.78872	3.79157	0.06814
O2	0.78137	0.74460	0.12446	2.16148	2.16152	2.16210	2.16632	2.17111	0.06116
O3	0.78649	0.83022	0.46262	3.64385	3.64400	3.64486	3.64727	3.65053	0.06371
O4	0.26322	0.85499	0.28890	2.14162	2.14183	2.14306	2.14670	2.15158	0.07096
O4	0.76322	0.64501	-0.28890	3.46855	3.46865	3.46936	3.47179	3.47494	0.06628
OH•F	0.26135	1.05272	0.09186	2.06370	2.06398	2.06555	2.06993	2.07588	0.06172
OH•F	-0.26135	0.94728	-0.09186	3.99340	3.99345	3.99391	3.99617	3.99889	0.06175
OH•F	0.73865	0.94728	-0.09186	2.07508	2.07555	2.07744	2.08120	2.08686	0.07096
OH•F	0.23865	0.55272	0.09186	3.74727	3.74740	3.74816	3.75042	3.75344	0.06628

ELLIPSOID FOR SI

EQUIVALENT ISOTROPIC B = 0.2679

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.042063	10.18	79.82	92.95
2	0.058175	80.94	149.47	100.41
3	0.070902	85.39	118.44	10.83

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM SI AT 0.07567 0.14449 0.70901

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M1	0.50000	0.00000	0.50000	2.77570	2.77575	2.77647	2.77913	2.78247	0.05300
M2	0.01072	0.17178	0.30729	3.36550	3.36554	3.36591	3.36745	3.36936	0.07080
M2	-0.01072	-0.17178	0.69271	3.33035	3.33039	3.33082	3.33282	3.33524	0.05953
M2	0.51072	0.32822	0.69271	2.88866	2.88866	2.88873	2.89142	2.89418	0.04912
M3	0.51029	0.11594	0.92405	2.79804	2.79807	2.79846	2.80086	2.80364	0.05901
M3*	0.51029	0.11594	0.92405	2.79804	2.79807	2.79846	2.80086	2.80364	0.05901
SI	-0.07567	-0.14449	0.29099	3.82764	3.82764	3.82764	3.82934	3.83105	0.06057
C1	-0.21782	-0.00544	0.29056	3.53622	3.53630	3.53683	3.53857	3.54084	0.06355
O1	0.21782	0.00544	0.70944	1.62288	1.62340	1.62545	1.62948	1.63556	0.06032
O2	0.21863	0.25540	0.87554	1.62686	1.62741	1.62956	1.63373	1.64005	0.05826
O3	0.21351	0.16978	0.53738	1.63552	1.63639	1.63888	1.64248	1.64858	0.06551
O3	-0.21351	-0.16978	0.46262	3.56308	3.56316	3.56375	3.56577	3.56839	0.05456
O4	0.26322	-0.14501	0.28890	3.87793	3.87809	3.87883	3.88050	3.88290	0.06092
O4	0.73678	0.14501	0.71110	3.18333	3.18360	3.18480	3.18742	3.19124	0.04280
M1	-0.50000	0.00000	0.50000	3.34859	3.34864	3.34916	3.35149	3.35434	0.04857
M2	-0.48928	0.32822	0.69271	3.36981	3.36982	3.37004	3.37222	3.37461	0.05337
O3	-0.28649	0.33022	0.46262	3.65749	3.65778	3.65875	3.66035	3.66292	0.06572
O4	-0.26322	0.14501	0.71110	1.63179	1.63232	1.63466	1.63978	1.64723	0.04276
M3	-0.48971	0.11594	0.92405	3.29549	3.29549	3.29554	3.29784	3.30019	0.05102
M3	0.01029	0.38406	1.07595	3.23812	3.23815	3.23847	3.24043	3.24271	0.06186
M3*	-0.48971	0.11594	0.92405	3.29549	3.29549	3.29554	3.29784	3.30019	0.05102
M3*	0.01029	0.38406	1.07595	3.23812	3.23815	3.23847	3.24043	3.24271	0.06186
O1	0.26218	0.50544	0.70944	3.94297	3.94314	3.94390	3.94561	3.94808	0.05847
O2	-0.28137	0.24460	1.12446	3.61505	3.61539	3.61648	3.61822	3.62104	0.06264
OH.F	0.26135	0.05272	1.09186	3.63959	3.63984	3.64070	3.64215	3.64445	0.07022
OH.F	-0.26135	-0.05272	0.90814	3.42485	3.42517	3.42628	3.42819	3.43120	0.06036
OH.F	-0.23865	0.44728	0.90814	3.43808	3.43848	3.43975	3.44176	3.44504	0.05698

ELLIPSOID FOR O1

EQUIVALENT ISOTROPIC B = 0.4952

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.062514	70.42	160.31	74.41
2	0.080712	155.84	109.49	70.63
3	0.091602	76.40	87.31	25.27

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM O1 AT 0.78218 -0.00544 0.29056

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M1	0.50000	0.00000	0.50000	2.15701	2.15703	2.15743	2.16201	2.16699	0.08431
M2	1.01072	0.17178	0.30729	2.13959	2.13969	2.14062	2.14476	2.14983	0.07452
M2	0.48928	-0.32822	0.30729	3.73541	3.73547	3.73601	3.73849	3.74150	0.07136
M3	0.48971	-0.11594	0.07595	2.24841	2.24843	2.24885	2.25281	2.25718	0.08899
M3*	0.48971	-0.11594	0.07595	2.24841	2.24843	2.24885	2.25281	2.25718	0.08899
SI	1.07567	0.14449	0.70901	3.53622	3.53630	3.53683	3.53857	3.54084	0.09118
SI	0.92433	-0.14449	0.29099	1.62288	1.62340	1.62545	1.62948	1.63556	0.06278
O1	1.21782	0.00544	0.70944	3.95301	3.95301	3.95301	3.95583	3.95865	0.08752
O2	0.78137	-0.25540	0.12446	2.55115	2.55116	2.55151	2.55684	2.56252	0.07225

O3	1.21351	0.16978	0.53738	3.54048	3.54049	3.54075	3.54443	3.54836	0.07821
O3	1.21351	0.16978	0.53738	3.05794	3.05796	3.05826	3.06194	3.06592	0.08705
O3	0.78649	-0.16978	0.46262	2.55091	2.55092	2.55121	2.55651	2.56211	0.07272
O3	0.71351	0.33022	0.46262	3.38661	3.38662	3.38692	3.39047	3.39432	0.06824
O4	0.26322	-0.14501	0.28890	2.89996	2.90000	2.90057	2.90481	2.90962	0.08075
O4	0.73678	0.14501	0.71110	3.26473	3.26476	3.26514	3.26842	3.27209	0.08999
OH,F	0.26135	0.05272	0.09186	3.14350	3.14350	3.14353	3.14743	3.15135	0.07988
M3	0.51029	0.11594	-0.07595	3.81849	3.81853	3.81895	3.82124	3.82396	0.08093
M3'	0.51029	0.11594	-0.07595	3.81849	3.81853	3.81895	3.82124	3.82396	0.08093
SI	0.57567	0.35551	0.29099	3.94297	3.94319	3.94404	3.94567	3.94815	0.06270
O2	0.71863	0.24460	0.12446	3.34177	3.34182	3.34233	3.34544	3.34907	0.06861
M1	1.50000	0.00000	0.50000	3.84091	3.84091	3.84103	3.84391	3.84691	0.08237
M3	1.48971	-0.11594	0.07595	3.83118	3.83124	3.83176	3.83393	3.83662	0.07772
M3'	1.48971	-0.11594	0.07595	3.83118	3.83124	3.83176	3.83393	3.83662	0.07772
O4	1.26322	-0.14501	0.28890	2.74414	2.74415	2.74450	2.74955	2.75495	0.07036
OH,F	1.26135	0.05272	0.09186	2.98594	2.98604	2.98694	2.99101	2.99597	0.08162
OH,F	0.73865	-0.05272	-0.09186	2.97585	2.97591	2.97654	2.98010	2.98429	0.09057

ELLIPSOID FOR O2

EQUIVALENT ISOTROPIC B = 0.5509

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.056558	113.01	65.71	49.64
2	0.083292	151.78	115.21	93.31
3	0.103908	74.56	143.69	40.55

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM O2 AT 0.71863 0.24460 0.12446

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M2	0.01072	0.17178	0.30729	3.88926	3.88943	3.89022	3.89211	3.89480	0.07845
M2	1.01072	0.17178	0.30729	2.34229	2.34231	2.34274	2.34647	2.35062	0.10043
M3	0.48971	-0.11594	0.07595	3.86555	3.86561	3.86611	3.86833	3.87104	0.08968
M3'	0.48971	-0.11594	0.07595	3.86555	3.86561	3.86611	3.86833	3.87104	0.08968
O1	0.78218	-0.00544	0.29056	3.34177	3.34182	3.34233	3.34544	3.34907	0.10252
O3	0.71351	0.33022	0.46262	2.58871	2.58871	2.58884	2.59485	2.60099	0.07341
OH,F	0.26135	0.05272	0.09186	2.94791	2.94791	2.94798	2.95263	2.95735	0.08514
M3	0.51029	0.11594	-0.07595	2.01623	2.01644	2.01781	2.02219	2.02794	0.07569
M3	0.01029	0.38406	0.07595	3.78577	3.78582	3.78633	3.78870	3.79158	0.08798
M3'	0.51029	0.11594	-0.07595	2.01623	2.01644	2.01781	2.02219	2.02794	0.07569
M3'	0.01029	0.38406	0.07595	3.78577	3.78582	3.78633	3.78870	3.79158	0.08798
SI	0.57567	0.35551	0.29099	1.62686	1.62768	1.63025	1.63435	1.64103	0.05685
O2	0.21863	0.25540	-0.12446	3.16304	3.16304	3.16304	3.16685	3.17067	0.09420
O4	0.23678	0.35499	0.28890	2.74133	2.74133	2.74141	2.74738	2.75343	0.06766
OH,F	1.26135	0.05272	0.09186	3.26672	3.26674	3.26718	3.27140	3.27607	0.08450
OH,F	0.73865	-0.05272	-0.09186	3.06857	3.06898	3.06908	3.07423	3.07948	0.07176
M1	1.00000	0.50000	0.50000	3.61601	3.61605	3.61657	3.61982	3.62358	0.07179
M2	0.51072	0.32822	-0.30729	3.99320	3.99323	3.99357	3.99567	3.99811	0.09796
M3	1.01029	0.38406	0.07595	2.16148	2.16162	2.16261	2.16637	2.17112	0.08904
M3'	1.01029	0.38406	0.07595	2.16148	2.16162	2.16261	2.16637	2.17112	0.08904
SI	1.07567	0.14449	-0.29099	3.61505	3.61540	3.61649	3.61822	3.62104	0.06565
O1	0.71782	0.49456	0.29056	2.55115	2.55116	2.55151	2.55684	2.56253	0.07393
O2	1.21863	0.25540	-0.12446	3.16304	3.16304	3.16304	3.16792	3.17280	0.07419
O4	0.73678	0.14501	-0.28890	3.16533	3.16534	3.16569	3.16986	3.17438	0.07365
O4	1.23678	0.35499	0.28890	2.89083	2.89085	2.89123	2.89601	2.90117	0.08442
OH,F	0.76135	0.44728	-0.09186	3.17804	3.17811	3.17876	3.18209	3.18608	0.10167

ELLIPSOID FOR O3

EQUIVALENT ISOTROPIC B = 0.5695

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.067412	103.62	109.25	13.67
2	0.084947	161.69	73.78	103.06
3	0.099382	78.00	25.60	86.04

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM O3 AT 0.21351 0.16978 0.53738

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M1	0.50000	0.00000	0.50000	2.20644	2.20651	2.20725	2.21173	2.21695	0.09064
M2	0.01072	0.17178	0.30729	2.10666	2.10697	2.10852	2.11233	2.11769	0.07592
M2	0.51072	0.32822	0.69271	2.25379	2.25391	2.25481	2.25837	2.26284	0.09508
M3	0.51029	0.11594	0.92405	3.64385	3.64400	3.64486	3.64727	3.65053	0.07442
M3'	0.51029	0.11594	0.92405	3.64385	3.64400	3.64486	3.64727	3.65053	0.07442
SI	0.07567	0.14449	0.70901	1.63552	1.63639	1.63888	1.64248	1.64858	0.06901
SI	-0.07567	-0.14449	0.29099	3.56308	3.56316	3.56375	3.56577	3.56839	0.09807
O1	-0.21782	-0.00544	0.29056	3.05794	3.05796	3.05826	3.06194	3.06592	0.09189
O1	0.78218	-0.00544	0.29056	3.54048	3.54049	3.54075	3.54443	3.54836	0.08193
O1	0.21782	0.00544	0.70944	2.55091	2.55092	2.55121	2.55651	2.56211	0.08114
O2	0.21863	0.25540	0.87554	2.58871	2.58871	2.58885	2.59483	2.60095	0.07360
O3	0.71351	0.33022	0.46262	3.11421	3.11421	3.11421	3.11875	3.12329	0.08656
O4	0.26322	-0.14501	0.28890	3.29773	3.29773	3.29775	3.30144	3.30514	0.09669
O4	0.73678	0.14501	0.71110	2.93678	2.93678	2.93700	2.94197	2.94717	0.08387
OH,F	0.26135	0.05272	0.09186	3.41898	3.41898	3.41901	3.42372	3.42846	0.07314
M1	-0.50000	0.00000	0.50000	3.84301	3.84303	3.84335	3.84622	3.84941	0.08940
M1	0.00000	0.50000	0.50000	3.74415	3.74424	3.74485	3.74695	3.74966	0.09248
M2	-0.48928	0.32822	0.69271	3.80561	3.80574	3.80649	3.80858	3.81143	0.08347
SI	0.57567	0.35551	0.29099	3.65749	3.65776	3.65872	3.66048	3.66321	0.07886
O3	-0.28649	0.33022	0.46262	3.11421	3.11421	3.11421	3.11878	3.12336	0.08597
O4	-0.26322	0.14501	0.71110	2.74693	2.74693	2.74706	2.75277	2.75860	0.07711
O4	0.23678	0.35499	0.28890	3.22634	3.22639	3.22702	3.23046	3.23452	0.07840
O1	0.28218	0.50544	0.70944	3.38661	3.38662	3.38690	3.39038	3.39415	0.09920

ELLIPSOID FOR O4

EQUIVALENT ISOTROPIC B = 0.5478

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.055248	173.81	88.54	84.78
2	0.087075	56.19	101.80	148.83
3	0.100893	90.19	168.11	59.37

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM O4 AT 0.26322 0.85499 0.28890

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M3	0.48971	0.88406	0.07595	2.14162	2.14183	2.14306	2.14670	2.15158	0.08289
M1	0.50000	1.00000	0.50000	2.20940	2.20942	2.20988	2.21519	2.22095	0.08353
M2	0.01072	1.17178	0.30729	3.52152	3.52153	3.52176	3.52460	3.52767	0.09539
M2	0.48928	0.67178	0.30729	2.26822	2.26826	2.26878	2.27312	2.27799	0.09185
M3	-0.01029	0.61594	-0.07595	3.46855	3.46862	3.46921	3.47175	3.47488	0.08619
M3'	-0.01029	0.61594	-0.07595	3.46855	3.46862	3.46921	3.47175	3.47488	0.08619
SI	-0.07567	0.85551	0.29099	1.63179	1.63232	1.63466	1.63978	1.64723	0.05564
SI	0.92433	0.85551	0.29099	3.18333	3.18360	3.18480	3.18742	3.19124	0.05577
O1	-0.21782	0.99456	0.29056	2.74414	2.74415	2.74450	2.74955	2.75495	0.07064
O1	0.78218	0.99456	0.29056	2.89996	2.90000	2.90057	2.90481	2.90962	0.07075
O2	0.28137	0.75540	-0.12446	3.16533	3.16534	3.16569	3.16986	3.17438	0.08729
O2	-0.21863	0.74460	0.12446	2.74133	2.74135	2.74172	2.74677	2.75219	0.06970
O2	0.78137	0.74460	0.12446	2.89083	2.89083	2.89095	2.89657	2.90230	0.06241
O3	0.78649	0.83022	0.46262	2.93678	2.93678	2.93700	2.94197	2.94717	0.06984
OH,F	0.26135	1.05272	0.09186	3.00804	3.00810	3.00872	3.01234	3.01659	0.09961

OH,F	0.23865	0.55272	0.09186	3.08140	3.08146	3.08209	3.08591	3.09037	0.09510
M3'	0.48971	0.88406	0.07595	2.14162	2.14183	2.14306	2.14670	2.15158	0.08289
M2	-0.01072	0.82822	0.69271	3.61483	3.61494	3.61563	3.61772	3.62051	0.08628
S1	0.07567	1.14449	0.70901	3.87793	3.87809	3.87883	3.88050	3.88291	0.08579
O1	0.21782	1.00544	0.70944	3.26473	3.26478	3.26514	3.26842	3.27209	0.08533
O3	0.21351	1.16978	0.53738	3.29773	3.29773	3.29776	3.30144	3.30514	0.09309
O3	-0.21351	0.83022	0.46262	2.74693	2.74693	2.74706	2.75277	2.75860	0.06667
O3	0.28649	0.66978	0.53738	3.22634	3.22635	3.22702	3.23045	3.23451	0.09868

ELLIPSOID FOR OH,F

EQUIVALENT ISOTROPIC B = 0.6111

AXIS	RMS AMPLITUDE	ANGLE WITH A	ANGLE WITH B	ANGLE WITH C
1	0.056056	132.84	75.81	54.85
2	0.088602	81.06	14.25	119.48
3	0.110552	44.22	88.72	49.23

RMS DISPLACEMENTS AND THERMAL CORRECTIONS TO BONDS FROM OH,F AT 0.26135 0.05272 0.09186

ATOM	X	Y	Z	DISTANCES RAW	LOWER	RIDING	NON-CORR	UPPER	DISPLACEMENT ALONG BOND
M1	0.50000	0.00000	0.50000	3.70089	3.70096	3.70152	3.70373	3.70651	0.10162
M2	0.01072	0.17178	0.30729	2.15985	2.16050	2.16266	2.16623	2.17197	0.05791
M3	0.48971	-0.11594	0.07595	2.06371	2.06399	2.06555	2.06993	2.07588	0.08095
M3'	0.48971	-0.11594	0.07595	2.06371	2.06399	2.06555	2.06993	2.07588	0.08095
S1	-0.07567	-0.14449	0.29099	3.42485	3.42517	3.42628	3.42819	3.43120	0.08327
O1	-0.21782	-0.00544	0.29056	2.98594	2.98604	2.98694	2.99101	2.99597	0.07171
O1	0.78218	-0.00544	0.29056	3.14350	3.14350	3.14353	3.14743	3.15135	0.10481
O3	0.21351	0.16978	0.53738	3.41898	3.41898	3.41901	3.42372	3.42846	0.08427
O4	0.26322	-0.14501	0.28890	3.00804	3.00810	3.00872	3.01234	3.01659	0.09083
M3	-0.48971	0.11594	-0.07595	3.99340	3.99345	3.99391	3.99617	3.99889	0.10068
M3	0.51029	0.11594	-0.07595	2.07508	2.07555	2.07744	2.08120	2.08686	0.07490
M3	0.01029	0.38406	0.07595	3.74727	3.74741	3.74821	3.75060	3.75380	0.08498
M3'	-0.48971	0.11594	-0.07595	3.99340	3.99345	3.99391	3.99617	3.99889	0.10068
M3'	0.51029	0.11594	-0.07595	2.07508	2.07555	2.07744	2.08120	2.08686	0.07490
M3'	0.01029	0.38406	0.07595	3.74727	3.74741	3.74821	3.75060	3.75380	0.08498
S1	0.57567	0.35551	0.29099	3.43808	3.43823	3.43902	3.44115	3.44407	0.09730
O2	-0.28137	0.24460	0.12446	3.26671	3.26674	3.26718	3.27140	3.27607	0.07987
O2	0.71863	0.24460	0.12446	2.94791	2.94791	2.94798	2.95263	2.95735	0.09530
O2	0.21863	0.25540	-0.12446	3.17804	3.17811	3.17874	3.18199	3.18587	0.09199
O4	0.23678	0.35499	0.28890	3.08140	3.08146	3.08215	3.08599	3.09052	0.08225
OH,F	-0.26135	-0.05272	-0.09186	2.95278	2.95278	2.95278	2.95672	2.96066	0.10767
OH,F	0.73865	-0.05272	-0.09186	2.76875	2.76875	2.76875	2.77581	2.78288	0.06042
M2	-0.01072	-0.17178	-0.30729	3.58323	3.58333	3.58396	3.58613	3.58893	0.10120
S1	0.07567	0.14449	-0.29099	3.63959	3.63984	3.64071	3.64215	3.64445	0.09919
O1	0.21782	0.00544	-0.29056	2.97585	2.97591	2.97654	2.98010	2.98429	0.09247
O2	0.28137	-0.24460	-0.12446	3.06897	3.06898	3.06908	3.07423	3.07948	0.08222

MS #1522m

Atom	β_{11}*	β_{22}	β_{33}	β_{12}	β_{13}	β_{23}
M(1)	2.8(3)	1.03(9)	1.6(1)	0.0	0.0	-0.20(8)
M(2)	4.2(2)	0.55(6)	1.69(9)	0.2(1)	-0.1(1)	0.43(5)
M(3)	3.6(4)	0.8(1)	1.5(2)	0.1(2)	-0.3(2)	0.3(1)
Si	1.6(4)	0.7(1)	1.5(2)	-0.1(2)	0.1(2)	0.2(1)
O(1)	5.4(11)	0.9(3)	2.8(4)	0.4(5)	0.2(6)	0.7(3)
O(2)	5.7(11)	1.3(3)	1.8(4)	0.1(5)	0.9(6)	-0.3(3)
O(3)	6.1(11)	1.9(3)	1.8(4)	0.2(5)	0.4(6)	0.9(3)
O(4)	2.6(11)	1.9(3)	2.6(4)	0.1(5)	0.3(6)	0.5(3)
(OH,F)	6.7(12)	1.4(3)	2.6(4)	0.9(5)	2.4(6)	0.5(3)

*β_{ij} is in the expression $\exp-(\beta_{11}h^2+\beta_{22}K^2+\beta_{33}\ell^2+\beta_{12}2hk+\beta_{13}2h\ell+\beta_{23}2k\ell)$ and values are quoted at x 10^3.