AM-86-319

Superstructure of laihunite-3M (§0.4Fe2+0.8Fe3+0.8SiO4)

Shen, et al.

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To be deposited: Structure Table

Table Observed and calculated structure factors of the superstructure of laihunite-3M.

H	K	L	F(OBS)	F(CALC)
0	2	0	68.184	65.725
0	4	0	164.139	160.411
0	6	0	63.997	56.782
0	8	0	90.965	84.599
0	10	0	112.378	111.124
0	12	0	74.301	78.841
0	14	0	22.620	12.811
0	16	0	40.089	31.916
0	18	0	79.614	80.223
0	2	1	7.505	27.478
0	2	-1	5.552	20.355
0	4	1	2.723	3.325
0	4	-1	32.103	39.246
0	6	1	18.240	28.013
0	6	-1	3.992	6.141
0	8	1	11.825	15.464
0	8	-1	22.208	29.083
0	10	1	13.523	16.646
0	10	-1	34.195	42.159
0	12	1	19.486	17.172
0	12	-1	23.625	20.852
0	14	1	13.094	6.900
0	14	-1	33.874	17.867
0	16	1	18.704	16.879
0	16	-1	17.334	15.667
0	18	1	54.880	41.704
0	18	-1	59.962	45.597
0	2	2	18.788	29.216
0	2	-2	25.184	39.262
0	4	2	9.252	9.668
0	4	-2	15.161	15.893
0	6	2	28.376	44.965
0	6	-2	49.214	78.292
0	8	2	5.138	8.635
0	8	-2	16.524	27.874
0	10	2	22.530	26.963
0	10	-2	52.274	62.766
0	12	2	45.686	49.826
0	12	-2	18.816	20.585
0	14	2	1.297	1.294
0	14	-2	34.015	33.980
0	16	2	14.665	16.163
0	16	-2	0.777	0.857
0	18	2	17.918	12.317
0	18	-2	63.665	43.851
0	0	3	83.881	94.222
0	2	3	189.967	212.770
0	2	-3	13.445	15.136
0	4	3	181.130	203.514
0	4	-3	77.312	87.172
0	8	3	82.735	80.983
0	8	-3	29.291	28.840
0	10	3	97.561	99.230

H	K	L	F(OBS)	F(CALC)
0	10	-3	158.246	161.752
0	12	3	186.642	190.967
0	12	-3	118.935	122.250
0	14	3	9.834	8.739
0	14	-3	39.658	35.333
0	16	3	37.929	36.487
0	16	-3	16.400	15.817
0	18	3	28.423	32.391
0	18	-3	53.472	61.130
0	2	4	40.435	61.564
0	2	-4	29.185	44.637
0	4	4	34.374	47.584
0	4	-4	25.509	35.486
0	6	4	23.573	24.797
0	6	-4	23.126	24.498
0	8	4	44.583	48.515
0	8	-4	14.577	15.981
0	10	4	1.417	1.986
0	10	-4	25.462	35.917
0	12	4	77.866	82.492
0	12	-4	48.332	51.507
0	14	4	16.583	16.271
0	14	-4	8.041	7.931
0	16	4	38.289	37.544
0	16	-4	7.656	7.533
0	18	4	2.557	2.264
0	18	-4	24.462	21.754
0	4	5	12.486	35.658
0	4	-5	9.355	26.903
0	6	5	43.474	64.691
0	6	-5	23.248	34.917
0	8	5	23.227	28.773
0	8	-5	10.262	12.824
0	10	5	9.897	9.228
0	10	-5	14.738	13.852
0	12	5	52.034	40.818
0	12	-5	21.029	16.609
0	16	5	68.498	49.940
0	16	-5	58.990	43.243
0	18	5	15.594	11.320
0	18	-5	20.173	14.685
0	0	6	213.969	239.247
0	2	6	183.218	194.339
0	2	-6	159.301	169.300
0	4	6	26.339	19.958
0	4	-6	34.540	26.288
0	8	6	47.119	29.223
0	8	-6	11.738	7.375
0	10	6	32.540	17.091
0	10	-6	8.214	4.359
0	12	6	57.878	54.732
0	12	-6	87.708	83.583
0	14	6	30.254	17.019

H	K	L	F(OBS)	F(CALC)
0	14	-6	9.746	5.546
0	16	6	83.812	81.762
0	16	-6	99.228	97.440
0	18	6	30.052	19.409
0	18	-6	16.455	10.657
0	4	7	12.696	6.024
0	4	-7	2.088	1.001
0	6	7	38.045	46.602
0	6	-7	52.291	64.783
0	8	7	18.822	9.048
0	8	-7	1.702	0.828
0	10	7	16.617	13.223
0	10	-7	3.413	2.746
0	12	7	16.062	13.115
0	12	-7	25.942	21.361
0	14	7	15.765	13.824
0	14	-7	4.526	4.008
0	16	7	39.443	35.600
0	16	-7	50.950	46.334
0	6	8	19.719	39.457
0	6	-8	10.696	21.685
0	8	8	6.801	8.049
0	8	-8	24.576	29.457
0	10	8	20.486	29.317
0	10	-8	9.672	14.001
0	12	8	36.588	30.349
0	12	-8	76.132	63.827
0	14	8	11.577	10.485
0	14	-8	13.213	12.080
0	16	8	6.230	5.006
0	16	-8	36.706	29.684
0	0	9	82.029	101.403
0	2	9	28.327	38.897
0	2	-9	31.309	43.232
0	4	9	103.990	105.875
0	4	-9	269.207	276.903
0	6	9	250.311	251.852
0	6	-9	158.851	162.105
0	8	9	49.612	42.411
0	8	-9	59.049	51.124
0	10	9	98.327	90.165
0	10	-9	55.090	51.120
0	12	9	113.255	109.450
0	12	-9	162.225	158.621
0	14	9	38.539	39.020
0	14	-9	15.702	16.008
0	16	9	37.768	43.234
0	16	-9	45.446	52.358
0	2	10	15.322	29.801
0	2	-10	10.268	20.091
0	8	10	35.630	42.202
0	8	-10	4.964	5.962
0	10	10	49.726	48.657
0	10	-10	34.376	34.083
0	12	10	1.227	1.165
0	12	-10	44.269	42.556
0	14	10	39.977	41.030
0	14	-10	7.272	7.524
0	16	10	2.374	1.779
0	16	-10	27.445	20.702
0	8	11	19.767	22.362
0	8	-11	8.514	9.769
0	10	11	52.248	42.275
0	10	-11	22.601	18.550
0	12	11	22.708	12.782
0	12	-11	3.679	2.101
0	14	11	37.895	26.330
0	14	-11	11.536	8.085
0	16	11	10.219	11.435
0	16	-11	24.344	27.579
0	0	12	449.673	469.365
0	2	12	45.364	51.087
0	2	-12	2.314	2.625
0	4	12	121.013	116.776
0	4	-12	100.195	97.734
0	6	12	94.410	96.149
0	6	-12	37.894	39.046
0	8	12	98.978	91.277
0	8	-12	51.665	48.308
0	10	12	64.468	60.309
0	10	-12	109.064	103.612
0	12	12	49.938	51.818
0	12	-12	48.903	51.501
0	14	12	5.084	4.099
0	14	-12	33.669	27.339
0	16	12	32.308	24.132
0	16	-12	41.174	31.258
0	8	13	37.814	34.082
0	8	-13	19.808	18.126
0	10	13	8.440	9.099
0	10	-13	14.319	15.706
0	12	13	24.867	22.663
0	12	-13	8.936	8.266
0	14	13	17.792	8.815
0	14	-13	15.078	7.507
0	16	13	2.679	2.902
0	16	-13	22.603	24.831
0	8	14	25.841	22.189
0	8	-14	3.455	3.012
0	12	14	42.388	37.015
0	12	-14	29.985	26.567
0	14	14	2.935	1.870
0	14	-14	16.575	10.593
0	16	14	14.743	8.743
0	16	-14	5.440	3.248
0	0	15	35.259	24.828

H	K	L	F(OBS)	F(CALC)
0	2	15	133.964	145.440
0	2	-15	6.181	6.752
0	4	15	56.916	55.956
0	4	-15	47.125	46.586
0	6	15	88.023	87.276
0	6	-15	189.448	190.560
0	8	15	40.131	46.189
0	8	-15	3.692	4.308
0	10	15	88.723	84.346
0	10	-15	146.435	141.324
0	12	15	128.870	140.173
0	12	-15	74.651	82.379
0	14	15	12.284	8.396
0	14	-15	22.406	15.255
0	16	15	23.027	16.904
0	16	-15	18.628	13.800
0	8	16	39.998	31.216
0	8	-16	25.968	20.558
0	12	16	72.506	58.905
0	12	-16	65.986	54.370
0	8	17	19.868	29.352
0	8	-17	1.477	2.215
0	12	17	44.127	37.261
0	12	-17	16.799	14.344
0	14	17	1.593	1.236
0	14	-17	12.757	9.979
0	0	18	137.574	140.424
0	2	18	112.511	116.659
0	2	-18	78.670	82.007
0	4	18	6.305	8.724
0	4	-18	21.521	30.084
0	6	18	169.873	175.848
0	6	-18	152.130	159.653
0	8	18	22.380	24.328
0	8	-18	31.428	34.660
0	10	18	24.383	16.072
0	10	-18	19.124	12.744
0	12	18	6.146	6.003
0	12	-18	57.180	56.345
0	14	18	17.380	25.952
0	14	-18	2.381	3.617
0	4	19	5.324	9.762
0	4	-19	13.687	25.340
0	10	19	16.984	19.538
0	10	-19	9.120	10.639
0	14	19	30.602	22.927
0	14	-19	2.792	2.119
0	10	20	18.354	20.669
0	10	-20	11.687	13.355
0	0	21	49.829	55.576
0	4	21	48.637	48.184
0	4	-21	151.888	151.879
0	6	21	100.580	112.520

H	K	L	F(OBS)	F(CALC)
0	6	-21	70.132	79.411
0	8	21	28.041	21.469
0	8	-21	24.040	18.657
0	10	21	30.059	30.751
0	10	-21	13.973	14.548
0	12	21	76.818	69.718
0	12	-21	96.833	89.187
0	2	22	13.983	16.480
0	2	-22	10.943	12.954
0	8	22	27.259	31.899
0	8	-22	5.400	6.403
0	10	22	28.980	24.371
0	10	-22	38.183	32.534
0	0	24	147.396	155.560
0	2	24	13.087	19.147
0	2	-24	10.444	15.337
0	4	24	48.144	49.413
0	4	-24	40.379	41.658
0	6	24	65.745	78.142
0	6	-24	26.065	31.362
0	8	24	52.742	64.338
0	8	-24	15.569	19.211
0	10	24	14.376	12.598
0	10	-24	71.957	64.080
0	4	26	14.071	20.012
0	4	-26	14.591	20.898
0	8	26	27.093	23.013
0	8	-26	3.455	2.960
0	2	27	66.054	65.920
0	2	-27	6.429	6.443
0	4	27	5.844	5.883
0	4	-27	25.739	26.201
0	6	27	42.346	37.868
0	6	-27	98.132	88.555
0	8	28	11.949	16.228
0	8	-28	14.327	19.577
0	0	30	76.072	77.454
0	2	30	63.208	60.447
0	2	-30	30.367	29.103
0	4	30	7.496	4.559
0	4	-30	30.433	18.664
1	1	0	53.371	32.381
1	2	0	55.545	52.931
1	3	0	289.719	288.455
1	4	0	198.754	169.185
1	5	0	42.745	46.323
1	6	0	14.570	8.884
1	8	0	24.713	21.801
1	9	0	73.416	68.144
1	10	0	40.411	47.083
1	11	0	103.764	106.797
1	12	0	25.679	23.025
1	13	0	33.568	33.002

H	K	L	F(OBS)	F(CALC)
1	14	0	29.543	32.156
1	15	0	100.303	107.886
1	17	0	13.765	0.700
1	18	0	11.592	13.720
1	1	1	10.171	20.162
1	1	-1	11.824	23.454
1	2	1	8.111	6.356
1	2	-1	2.666	2.092
1	3	1	4.025	4.900
1	3	-1	36.093	44.000
1	4	1	7.893	16.138
1	4	-1	5.197	10.653
1	5	1	3.789	6.856
1	5	-1	11.336	20.545
1	7	1	25.219	35.262
1	7	-1	45.896	64.286
1	9	1	15.775	25.556
1	9	-1	6.233	10.113
1	10	1	6.627	6.302
1	10	-1	10.220	9.740
1	11	1	27.265	27.775
1	11	-1	39.141	39.937
1	13	1	21.061	17.487
1	13	-1	4.929	4.098
1	14	1	12.606	12.755
1	14	-1	8.793	8.908
1	15	1	49.449	45.264
1	15	-1	51.161	46.887
1	17	1	1.291	0.558
1	17	-1	16.458	7.120
1	1	2	23.893	23.755
1	1	-2	28.696	28.568
1	3	2	25.881	31.231
1	3	-2	49.417	59.788
1	5	2	5.716	6.263
1	5	-2	17.652	19.402
1	7	2	2.461	3.127
1	7	-2	28.584	36.461
1	9	2	11.368	10.386
1	9	-2	13.053	11.967
1	11	2	6.131	6.433
1	11	-2	29.190	30.727
1	13	2	31.423	25.848
1	13	-2	60.134	49.606
1	15	2	15.797	19.608
1	15	-2	9.743	12.118
1	17	2	15.516	11.995
1	17	-2	47.991	37.144
1	0	3	70.679	65.580
1	1	3	313.735	305.744
1	1	-3	104.586	102.089
1	2	3	37.418	35.485
1	2	-3	43.048	40.992
1	3	3	211.819	211.505
1	3	-3	353.506	354.212
1	4	3	23.635	17.760
1	4	-3	25.117	19.155
1	5	3	239.105	238.299
1	5	-3	73.048	73.197
1	6	3	13.663	9.504
1	6	-3	3.751	2.657
1	7	3	35.899	32.749
1	7	-3	67.111	61.571
1	8	3	53.669	57.376
1	8	-3	34.623	37.310
1	9	3	122.031	120.859
1	9	-3	28.089	27.949
1	10	3	18.697	18.153
1	10	-3	20.695	20.253
1	11	3	17.245	15.905
1	11	-3	47.515	44.029
1	12	3	12.139	15.635
1	12	-3	1.019	1.319
1	13	3	46.633	47.177
1	13	-3	97.068	98.632
1	14	3	8.571	5.458
1	14	-3	12.327	7.872
1	15	3	41.377	31.893
1	15	-3	2.261	1.747
1	17	3	11.876	11.368
1	17	-3	46.911	44.968
1	1	4	45.653	45.290
1	1	-4	48.176	47.887
1	3	4	37.180	28.661
1	3	-4	1.853	1.436
1	5	4	52.900	70.188
1	5	-4	31.322	41.828
1	7	4	29.208	33.153
1	7	-4	6.566	7.498
1	8	4	11.199	12.105
1	8	-4	6.566	7.173
1	9	4	45.474	62.138
1	9	-4	15.135	20.817
1	11	4	28.998	26.541
1	11	-4	1.371	1.263
1	13	4	5.639	9.265
1	13	-4	19.231	31.773
1	14	4	19.428	7.332
1	14	-4	8.143	3.090
1	15	4	34.761	33.109
1	15	-4	11.268	10.771
1	17	4	5.253	9.053
1	17	-4	11.984	20.703
1	18	4	9.213	2.125
1	18	-4	7.421	1.717
1	1	5	28.774	47.732

H	K	L	F(OBS)	F(CALC)
1	1	-5	8.277	13.760
1	3	5	8.178	24.007
1	3	-5	11.642	34.364
1	5	5	45.865	53.248
1	5	-5	1.166	1.365
1	6	5	8.679	5.818
1	6	-5	6.059	4.097
1	7	5	0.609	1.369
1	7	-5	18.660	42.285
1	8	5	6.921	7.889
1	8	-5	13.721	15.780
1	9	5	64.742	66.221
1	9	-5	40.111	41.354
1	10	5	4.814	3.174
1	10	-5	12.660	8.424
1	11	5	6.148	7.717
1	11	-5	11.815	14.940
1	13	5	50.061	42.191
1	13	-5	41.472	35.170
1	14	5	6.917	3.732
1	14	-5	12.824	6.973
1	15	5	7.250	5.054
1	15	-5	30.096	21.128
1	16	5	19.523	10.285
1	16	-5	23.301	12.317
1	17	5	28.920	18.559
1	17	-5	21.951	14.116
1	0	6	14.249	13.207
1	1	6	234.328	241.314
1	1	-6	271.901	280.715
1	2	6	158.255	139.211
1	2	-6	156.015	138.519
1	3	6	60.386	61.166
1	3	-6	30.782	31.510
1	4	6	36.252	37.952
1	4	-6	30.464	32.186
1	5	6	110.686	114.166
1	5	-6	147.943	154.082
1	6	6	28.280	28.507
1	6	-6	31.534	32.171
1	7	6	86.521	86.341
1	7	-6	97.505	98.213
1	8	6	42.023	43.688
1	8	-6	47.953	50.355
1	9	6	205.726	204.917
1	9	-6	219.423	220.582
1	10	6	27.013	27.292
1	10	-6	36.518	37.307
1	11	6	25.600	17.691
1	11	-6	14.391	10.019
1	13	6	102.893	110.598
1	13	-6	100.437	108.745
1	14	6	17.761	13.976

H	K	L	F(OBS)	F(CALC)
1	14	-6	7.996	6.354
1	15	6	48.502	44.339
1	15	-6	29.391	27.104
1	16	6	27.692	28.302
1	16	-6	33.089	33.955
1	17	6	33.681	37.876
1	17	-6	30.306	34.164
1	2	7	5.036	1.660
1	2	-7	11.122	3.705
1	3	7	11.185	12.691
1	3	-7	8.243	9.428
1	4	7	6.692	1.629
1	4	-7	8.182	1.995
1	5	7	4.276	2.857
1	5	-7	29.401	19.871
1	7	7	5.973	5.407
1	7	-7	20.317	18.582
1	8	7	10.266	12.501
1	8	-7	4.914	6.050
1	9	7	33.188	39.583
1	9	-7	47.224	56.912
1	11	7	4.684	2.847
1	11	-7	9.751	5.973
1	13	7	42.807	39.632
1	13	-7	41.873	39.085
1	14	7	14.337	8.320
1	14	-7	8.421	4.933
1	15	7	26.515	18.006
1	15	-7	25.979	17.812
1	16	7	10.040	7.602
1	16	-7	13.246	10.073
1	17	7	28.430	24.325
1	17	-7	18.912	16.235
1	4	8	8.265	3.972
1	4	-8	0.793	0.385
1	5	8	1.300	3.909
1	5	-8	10.048	30.554
1	7	8	5.787	6.832
1	7	-8	23.433	27.971
1	9	8	4.111	4.202
1	9	-8	30.461	31.490
1	10	8	5.894	3.492
1	10	-8	8.241	4.951
1	11	8	1.081	1.217
1	11	-8	22.060	25.105
1	12	8	2.254	0.781
1	12	-8	11.737	4.117
1	13	8	36.173	34.377
1	13	-8	11.751	11.285
1	15	8	15.364	10.268
1	15	-8	42.021	28.255
1	17	8	20.962	22.951
1	17	-8	2.961	3.254

H	K	L	F(OBS)	F(CALC)
1	0	9	35.742	32.541
1	1	9	104.123	104.078
1	1	-9	233.514	234.171
1	2	9	85.469	81.706
1	2	-9	60.125	57.963
1	4	9	24.758	26.421
1	4	-9	28.987	31.705
1	5	9	76.112	76.441
1	5	-9	158.317	160.898
1	6	9	52.747	56.447
1	6	-9	35.756	38.802
1	7	9	54.329	50.428
1	7	-9	77.785	73.100
1	8	9	6.348	6.708
1	8	-9	9.312	10.019
1	9	9	51.550	51.066
1	9	-9	87.895	88.127
1	10	9	15.719	13.201
1	10	-9	16.470	14.038
1	11	9	48.516	49.825
1	11	-9	36.225	37.639
1	12	9	9.322	13.893
1	12	-9	8.015	12.036
1	13	9	67.450	60.729
1	13	-9	43.746	39.889
1	14	9	16.921	26.470
1	14	-9	7.324	11.523
1	15	9	4.036	3.606
1	15	-9	48.095	43.252
1	16	9	5.032	2.373
1	16	-9	10.377	4.897
1	17	9	32.600	27.410
1	17	-9	12.220	10.292
1	5	10	33.803	28.429
1	5	-10	7.442	6.333
1	7	10	47.714	50.384
1	7	-10	15.633	16.734
1	9	10	15.878	16.726
1	9	-10	10.242	10.935
1	11	10	36.156	45.470
1	11	-10	6.056	7.712
1	13	10	39.665	39.431
1	13	-10	26.317	26.480
1	15	10	15.832	24.189
1	15	-10	7.512	11.577
1	17	10	34.939	32.991
1	17	-10	15.248	14.468
1	5	11	7.622	14.720
1	5	-11	14.135	27.656
1	6	11	9.575	5.049
1	6	-11	2.517	1.348
1	9	11	0.265	0.537
1	9	-11	16.164	33.249

H	K	L	F(OBS)	F(CALC)
1	11	11	50.239	38.931
1	11	-11	19.661	15.417
1	12	11	12.284	6.664
1	12	-11	0.531	0.292
1	14	11	11.892	8.393
1	14	-11	16.129	11.516
1	15	11	52.516	37.984
1	15	-11	43.340	31.690
1	17	11	26.764	10.622
1	17	-11	6.185	2.486
1	0	12	5.957	6.526
1	1	12	20.568	19.221
1	1	-12	55.133	51.671
1	2	12	3.741	4.708
1	2	-12	17.729	22.348
1	3	12	131.176	133.496
1	3	-12	189.865	194.821
1	4	12	51.014	51.730
1	4	-12	69.014	71.270
1	5	12	50.582	53.325
1	5	-12	22.879	24.286
1	6	12	4.243	3.295
1	6	-12	8.390	6.619
1	7	12	177.441	178.447
1	7	-12	200.358	204.356
1	8	12	4.220	1.812
1	8	-12	19.977	8.785
1	9	12	67.836	61.345
1	9	-12	56.944	52.242
1	10	12	18.821	21.315
1	10	-12	23.432	26.927
1	11	12	77.081	75.757
1	11	-12	87.010	86.495
1	12	12	9.626	12.597
1	12	-12	11.237	14.943
1	13	12	39.428	37.811
1	13	-12	18.625	18.069
1	14	12	22.200	23.466
1	14	-12	21.588	23.107
1	15	12	83.606	85.360
1	15	-12	82.048	84.742
1	8	13	9.551	5.437
1	8	-13	2.145	1.239
1	9	13	0.672	0.882
1	9	-13	22.531	29.993
1	11	13	31.921	26.672
1	11	-13	29.851	25.233
1	13	13	5.560	4.657
1	13	-13	22.783	19.306
1	14	13	10.778	10.992
1	14	-13	7.038	7.271
1	15	13	51.416	40.414
1	15	-13	47.212	37.552

H	K	L	F(OBS)	F(CALC)
1	7	14	13.573	16.276
1	7	-14	1.550	1.885
1	10	14	4.657	2.924
1	10	-14	9.000	5.710
1	11	14	16.265	16.620
1	11	-14	0.700	0.724
1	13	14	29.642	21.180
1	13	-14	55.535	40.246
1	15	14	25.963	21.993
1	15	-14	3.333	2.848
1	0	15	63.193	66.913
1	1	15	128.617	133.707
1	1	-15	31.913	33.282
1	3	15	129.261	130.396
1	3	-15	183.712	186.728
1	4	15	7.423	5.478
1	4	-15	19.007	14.110
1	5	15	129.658	137.853
1	5	-15	23.891	25.730
1	6	15	15.768	18.759
1	6	-15	23.002	27.873
1	7	15	8.943	7.200
1	7	-15	32.730	26.713
1	8	15	50.244	55.983
1	8	-15	30.873	34.936
1	10	15	5.550	8.519
1	10	-15	12.744	19.730
1	11	15	16.311	11.536
1	11	-15	24.814	17.874
1	12	15	18.732	24.555
1	12	-15	11.282	15.003
1	13	15	38.621	34.042
1	13	-15	101.816	91.098
1	14	15	13.459	12.329
1	14	-15	10.515	9.773
1	15	15	18.169	11.826
1	15	-15	6.585	4.288
1	7	16	24.037	25.417
1	7	-16	6.629	7.112
1	8	16	17.578	9.170
1	8	-16	15.866	8.400
1	9	16	62.266	50.500
1	9	-16	35.850	29.519
1	11	16	24.737	18.033
1	11	-16	4.551	3.358
1	14	16	13.221	7.439
1	14	-16	10.819	6.169
1	15	16	24.158	25.225
1	15	-16	13.456	14.173
1	13	17	32.297	29.615
1	13	-17	18.994	17.627
1	1	18	85.598	88.215
1	1	-18	140.747	145.442

H	K	L	F(OBS)	F(CALC)
1	2	18	20.776	22.961
1	2	-18	14.195	15.804
1	3	18	30.916	24.028
1	3	-18	22.895	17.934
1	4	18	1.446	0.744
1	4	-18	14.727	7.670
1	5	18	29.163	31.355
1	5	-18	78.804	85.650
1	7	18	50.137	46.733
1	7	-18	64.840	61.329
1	8	18	13.419	12.915
1	8	-18	18.100	17.742
1	9	18	104.439	102.920
1	9	-18	126.931	126.998
1	10	18	5.001	3.111
1	10	-18	21.032	13.218
1	11	18	15.781	16.708
1	11	-18	2.089	2.203
1	13	18	60.782	70.579
1	13	-18	57.351	67.389
1	13	19	41.299	27.543
1	13	-19	35.091	23.674
1	13	20	26.543	26.260
1	13	-20	18.107	18.183
1	0	21	17.951	19.251
1	1	21	46.896	46.998
1	1	-21	87.628	88.016
1	2	21	45.956	44.396
1	2	-21	25.816	25.061
1	3	21	136.645	137.176
1	3	-21	60.060	60.738
1	4	21	5.317	8.342
1	4	-21	11.091	17.508
1	5	21	50.544	49.165
1	5	-21	60.427	59.355
1	6	21	34.737	38.922
1	6	-21	27.661	31.373
1	7	21	28.976	27.054
1	7	-21	57.916	54.783
1	9	21	40.593	41.729
1	9	-21	36.929	38.633
1	11	21	28.011	32.637
1	11	-21	28.266	33.343
1	12	21	6.092	10.045
1	12	-21	13.496	22.385
1	13	21	19.858	21.551
1	13	-21	21.314	23.669
1	7	22	26.525	31.360
1	7	-22	14.578	17.414
1	9	22	14.832	13.540
1	9	-22	4.519	4.175
1	11	22	34.103	33.418
1	11	-22	9.962	9.886

H	K	L	F(OBS)	F(CALC)
1	1	24	15.123	14.193
1	1	-24	40.908	38.483
1	3	24	34.083	33.426
1	3	-24	83.713	82.592
1	4	24	1.749	2.223
1	4	-24	11.474	14.640
1	5	24	28.674	30.507
1	5	-24	3.831	4.135
1	7	24	71.168	73.802
1	7	-24	94.900	99.532
1	8	24	11.413	9.961
1	8	-24	6.681	5.962
1	9	24	43.611	39.314
1	9	-24	33.321	30.516
1	11	24	36.774	40.480
1	11	-24	45.982	50.896
1	7	26	9.427	11.204
1	7	-26	10.824	13.009
1	0	27	28.094	30.887
1	1	27	50.229	52.376
1	1	-27	12.646	13.202
1	3	27	63.109	59.565
1	3	-27	77.061	73.182
1	4	27	1.734	0.770
1	4	-27	20.753	9.314
1	5	27	51.252	62.340
1	5	-27	5.700	6.979
1	6	27	4.862	6.995
1	6	-27	14.229	20.520
1	8	27	19.968	32.745
1	8	-27	10.940	18.076
1	7	28	12.777	16.580
1	7	-28	4.873	6.385
1	1	30	25.727	23.515
1	1	-30	70.953	64.968
1	3	30	13.234	8.495
1	3	-30	32.979	21.255
1	4	30	13.447	14.261
1	4	-30	18.800	19.984
2	0	0	289.558	251.402
2	1	0	126.465	104.740
2	2	0	50.554	38.668
2	3	0	29.061	27.175
2	5	0	54.096	47.860
2	6	0	100.544	92.928
2	7	0	52.406	49.902
2	8	0	170.097	167.192
2	9	0	47.495	47.212
2	10	0	83.881	86.195
2	11	0	19.400	15.524
2	12	0	26.726	29.411
2	13	0	47.173	52.523
2	14	0	78.488	84.553
2	15	0	10.707	9.290
2	16	0	32.200	30.601
2	17	0	14.731	14.181
2	0	1	9.258	23.621
2	1	1	12.511	13.726
2	1	-1	7.905	8.676
2	2	1	8.959	19.073
2	2	-1	7.025	14.967
2	3	1	2.839	5.205
2	3	-1	8.653	15.879
2	4	1	12.488	13.470
2	4	-1	39.153	42.290
2	6	1	20.420	26.830
2	6	-1	2.760	3.631
2	8	1	19.354	23.784
2	8	-1	32.465	39.964
2	10	1	13.273	12.977
2	10	-1	36.239	35.483
2	11	1	7.743	8.399
2	11	-1	5.804	6.304
2	13	1	11.385	10.065
2	13	-1	17.718	15.686
2	14	1	29.670	26.562
2	14	-1	41.344	37.047
2	16	1	17.631	16.346
2	16	-1	18.738	17.394
2	0	2	15.698	21.226
2	1	2	5.927	2.804
2	1	-2	14.796	7.007
2	2	2	17.557	22.554
2	2	-2	27.150	34.928
2	4	2	15.006	10.048
2	4	-2	22.289	14.963
2	5	2	2.729	6.276
2	5	-2	8.331	19.204
2	6	2	23.320	29.154
2	6	-2	39.775	49.860
2	8	2	14.279	22.804
2	8	-2	5.674	9.092
2	10	2	26.879	29.859
2	10	-2	59.187	65.948
2	11	2	4.257	3.983
2	11	-2	15.477	14.524
2	12	2	28.295	32.694
2	12	-2	6.494	7.525
2	13	2	1.051	0.472
2	13	-2	15.675	7.060
2	14	2	12.215	10.074
2	14	-2	49.403	40.820
2	16	2	13.003	16.053
2	16	-2	2.305	2.850
2	0	3	65.205	60.504
2	1	3	159.868	137.483

H	K	L	F(OBS)	F(CALC)
2	1	-3	129.460	111.509
2	2	3	53.881	49.367
2	2	-3	144.347	132.587
2	3	3	16.149	11.700
2	3	-3	2.870	2.085
2	4	3	272.775	246.758
2	4	-3	114.301	103.794
2	5	3	84.274	82.578
2	5	-3	75.160	73.912
2	6	3	61.545	62.210
2	6	-3	173.032	175.504
2	7	3	25.020	26.579
2	7	-3	40.624	43.372
2	8	3	134.623	130.209
2	8	-3	51.525	50.112
2	9	3	0.476	0.412
2	9	-3	11.262	9.772
2	10	3	74.223	77.429
2	10	-3	153.036	160.353
2	11	3	33.625	34.540
2	11	-3	31.046	32.036
2	12	3	101.091	102.148
2	12	-3	56.448	57.276
2	13	3	6.546	5.565
2	13	-3	14.157	12.074
2	14	3	28.694	32.844
2	14	-3	60.864	69.834
2	15	3	22.920	20.325
2	15	-3	14.885	13.266
2	16	3	59.061	65.063
2	16	-3	16.218	17.907
2	0	4	31.798	27.209
2	1	4	17.869	6.346
2	1	-4	10.040	3.571
2	2	4	50.236	49.109
2	2	-4	31.744	31.115
2	4	4	50.004	53.421
2	4	-4	38.248	41.067
2	5	4	11.204	16.434
2	5	-4	4.478	6.596
2	6	4	22.307	28.388
2	6	-4	10.863	13.906
2	7	4	5.082	5.427
2	7	-4	10.058	10.810
2	8	4	36.836	51.688
2	8	-4	18.487	26.110
2	10	4	5.289	7.834
2	10	-4	19.444	28.969
2	11	4	14.846	15.574
2	11	-4	5.800	6.120
2	12	4	48.209	55.155
2	12	-4	25.247	29.039
2	16	4	55.782	48.158
2	16	-4	14.371	12.446
2	0	5	11.028	30.644
2	2	5	22.391	37.580
2	2	-5	6.970	11.735
2	3	5	10.910	12.186
2	3	-5	4.613	5.175
2	4	5	18.744	32.832
2	4	-5	12.110	21.336
2	6	5	26.462	36.788
2	6	-5	3.904	5.458
2	7	5	10.123	7.408
2	7	-5	22.408	16.531
2	8	5	26.838	32.231
2	8	-5	1.239	1.500
2	10	5	13.951	10.844
2	10	-5	6.446	5.046
2	11	5	11.346	11.168
2	11	-5	10.534	10.443
2	12	5	29.906	25.516
2	12	-5	1.440	1.236
2	13	5	14.224	9.220
2	13	-5	5.532	3.616
2	14	5	13.061	7.879
2	14	-5	5.023	3.049
2	15	5	9.217	8.512
2	15	-5	15.447	14.343
2	16	5	64.612	45.360
2	16	-5	52.277	36.877
2	0	6	175.732	166.394
2	1	6	11.622	6.797
2	1	-6	19.609	11.399
2	3	6	51.430	44.201
2	3	-6	42.093	36.249
2	4	6	33.314	20.056
2	4	-6	23.054	14.005
2	5	6	3.755	2.001
2	5	-6	21.788	11.657
2	6	6	166.932	165.443
2	6	-6	138.914	138.400
2	7	6	88.996	93.726
2	7	-6	88.430	94.022
2	8	6	27.164	31.426
2	8	-6	53.606	62.667
2	9	6	18.644	20.393
2	9	-6	27.531	30.340
2	10	6	40.393	38.883
2	10	-6	28.651	27.810
2	11	6	23.622	27.497
2	11	-6	27.733	32.552
2	12	6	6.493	4.148
2	12	-6	35.855	23.029
2	13	6	30.657	28.919
2	13	-6	25.637	24.411

H	K	L	F(OBS)	F(CALC)
2	14	6	19.115	22.356
2	14	-6	18.389	21.677
2	15	6	26.607	22.975
2	15	-6	27.955	24.294
2	16	6	69.828	68.757
2	16	-6	79.275	78.525
2	17	6	16.289	11.631
2	17	-6	10.883	7.844
2	0	7	16.342	7.024
2	1	7	7.744	9.618
2	1	-7	7.386	9.195
2	2	7	7.425	5.699
2	2	-7	39.496	30.450
2	3	7	4.368	6.506
2	3	-7	9.641	14.435
2	5	7	5.458	2.872
2	5	-7	13.153	6.984
2	6	7	19.273	28.411
2	6	-7	24.669	36.651
2	7	7	13.471	12.416
2	7	-7	13.419	12.494
2	8	7	5.103	1.495
2	8	-7	13.909	4.121
2	10	7	22.503	16.440
2	10	-7	6.598	4.864
2	12	7	1.617	1.101
2	12	-7	16.429	11.260
2	13	7	8.116	5.039
2	13	-7	18.188	11.416
2	14	7	15.444	9.940
2	14	-7	4.803	3.120
2	16	7	40.341	34.863
2	16	-7	44.567	38.771
2	0	8	23.184	24.885
2	2	8	12.853	10.018
2	2	-8	1.784	1.397
2	4	8	11.986	23.835
2	4	-8	21.600	43.283
2	5	8	3.650	5.576
2	5	-8	13.991	21.560
2	6	8	14.827	24.591
2	6	-8	1.590	2.661
2	8	8	15.174	16.290
2	8	-8	39.049	42.402
2	10	8	25.837	33.945
2	10	-8	11.665	15.486
2	11	8	0.658	0.536
2	11	-8	15.696	12.941
2	12	8	25.186	20.233
2	12	-8	55.325	44.877
2	15	8	10.412	8.251
2	15	-8	8.130	6.522
2	16	8	3.481	2.452
2	16	-8	44.607	31.604
2	0	9	96.519	87.188
2	1	9	70.292	71.775
2	1	-9	82.055	84.008
2	2	9	18.507	15.453
2	2	-9	75.034	62.928
2	3	9	20.413	18.078
2	3	-9	29.875	26.827
2	4	9	28.891	28.026
2	4	-9	181.607	177.404
2	5	9	80.232	81.102
2	5	-9	82.844	84.559
2	6	9	108.907	108.096
2	6	-9	57.026	57.060
2	7	9	31.187	37.631
2	7	-9	23.298	28.454
2	8	9	54.578	55.849
2	8	-9	144.742	150.013
2	9	9	22.050	22.640
2	9	-9	13.688	14.219
2	10	9	149.292	156.327
2	10	-9	76.376	80.886
2	11	9	20.256	16.829
2	11	-9	22.657	19.103
2	12	9	72.848	73.166
2	12	-9	103.104	104.678
2	13	9	15.295	9.332
2	13	-9	5.891	3.621
2	14	9	55.227	52.457
2	14	-9	10.523	10.050
2	15	9	7.784	5.304
2	15	-9	18.176	12.610
2	16	9	18.702	21.307
2	16	-9	37.619	43.124
2	17	9	13.197	12.050
2	17	-9	8.751	8.096
2	0	10	47.736	43.389
2	2	10	34.108	28.935
2	2	-10	26.435	22.545
2	4	10	46.789	50.331
2	4	-10	11.418	12.398
2	6	10	32.924	35.868
2	6	-10	30.793	33.890
2	7	10	5.633	5.251
2	7	-10	10.153	9.581
2	8	10	22.143	30.426
2	8	-10	9.028	12.557
2	10	10	61.968	61.229
2	10	-10	43.493	43.487
2	12	10	1.809	1.946
2	12	-10	30.800	33.530
2	14	10	43.328	43.729
2	14	-10	18.223	18.528

H	K	L	F(OBS)	F(CALC)
2	15	10	2.176	1.591
2	15	-10	11.513	8.551
2	16	10	12.599	9.169
2	16	-10	16.720	12.249
2	8	11	24.819	25.661
2	8	-11	3.359	3.518
2	10	11	49.035	43.416
2	10	-11	18.073	16.208
2	13	11	15.219	9.442
2	13	-11	15.219	9.578
2	14	11	54.619	38.537
2	14	-11	39.280	27.936
2	16	11	16.410	12.993
2	16	-11	28.511	22.819
2	0	12	205.275	201.669
2	1	12	56.334	56.151
2	1	-12	49.025	48.994
2	2	12	50.484	43.303
2	2	-12	39.702	34.258
2	3	12	17.382	17.248
2	3	-12	37.914	37.749
2	4	12	190.388	183.493
2	4	-12	159.560	155.429
2	5	12	16.600	15.787
2	5	-12	26.265	25.412
2	6	12	80.566	77.966
2	6	-12	34.815	34.079
2	7	12	48.491	46.865
2	7	-12	42.605	41.699
2	8	12	113.343	115.384
2	8	-12	98.855	101.991
2	9	12	33.104	31.587
2	9	-12	35.285	34.158
2	10	12	41.939	41.339
2	10	-12	84.525	84.497
2	11	12	18.275	19.317
2	11	-12	9.033	9.683
2	12	12	40.635	41.404
2	12	-12	12.401	12.815
2	13	12	34.851	37.291
2	13	-12	36.915	40.041
2	14	12	37.961	42.933
2	14	-12	72.154	82.236
2	16	12	29.750	25.501
2	16	-12	28.355	24.643
2	6	13	2.954	3.440
2	6	-13	21.772	25.655
2	7	13	8.562	7.663
2	7	-13	9.139	8.291
2	8	13	28.903	29.421
2	8	-13	20.452	21.100
2	10	13	13.580	12.529
2	10	-13	13.154	12.324

H	K	L	F(OBS)	F(CALC)
2	12	13	30.941	24.326
2	12	-13	5.513	4.389
2	13	13	4.543	4.597
2	13	-13	13.719	14.102
2	14	13	12.718	15.624
2	14	-13	16.642	20.591
2	16	13	1.198	1.305
2	16	-13	19.656	21.669
2	0	14	14.651	15.734
2	3	14	4.015	3.171
2	3	-14	10.286	8.187
2	8	14	21.318	23.931
2	8	-14	6.580	7.483
2	10	14	11.332	14.772
2	10	-14	26.852	35.478
2	11	14	2.332	1.882
2	11	-14	16.567	13.596
2	12	14	25.053	24.489
2	12	-14	9.419	9.336
2	14	14	11.316	6.150
2	14	-14	41.764	22.836
2	1	15	68.474	71.350
2	1	-15	66.756	69.758
2	2	15	35.587	35.465
2	2	-15	106.139	106.395
2	3	15	23.977	26.227
2	3	-15	10.234	11.289
2	4	15	141.399	143.149
2	4	-15	94.717	96.851
2	5	15	38.351	38.778
2	5	-15	38.443	39.285
2	6	15	43.540	40.498
2	6	-15	139.066	130.931
2	7	15	19.194	19.524
2	7	-15	20.550	21.208
2	8	15	57.736	54.256
2	8	-15	18.234	17.331
2	10	15	50.922	48.487
2	10	-15	94.888	91.608
2	11	15	27.586	31.240
2	11	-15	25.002	28.815
2	12	15	54.009	59.779
2	12	-15	20.442	22.985
2	13	15	9.157	8.079
2	13	-15	7.498	6.671
2	14	15	37.245	38.920
2	14	-15	59.717	62.820
2	15	15	14.336	15.633
2	15	-15	15.108	16.777
2	0	16	20.205	16.788
2	2	16	34.951	46.054
2	2	-16	24.711	32.728
2	6	16	29.825	35.665

H	K	L	F(OBS)	F(CALC)
2	6	-16	5.873	7.108
2	8	16	29.279	31.651
2	8	-16	27.349	29.937
2	10	16	8.942	21.145
2	10	-16	7.414	17.763
2	11	16	18.340	9.897
2	11	-16	14.105	7.750
2	12	16	47.534	39.897
2	12	-16	36.267	30.854
2	11	17	7.748	8.021
2	11	-17	8.180	8.583
2	12	17	37.223	25.329
2	12	-17	5.796	3.987
2	0	18	72.048	68.646
2	1	18	24.183	20.202
2	1	-18	26.481	22.176
2	2	18	141.491	139.774
2	2	-18	145.548	144.490
2	3	18	26.386	25.302
2	3	-18	22.217	21.466
2	4	18	24.634	31.403
2	4	-18	10.456	13.445
2	5	18	15.165	8.218
2	5	-18	2.509	1.374
2	6	18	117.827	116.766
2	6	-18	76.731	76.990
2	7	18	40.030	43.840
2	7	-18	38.848	43.159
2	8	18	13.003	15.853
2	8	-18	30.709	37.911
2	9	18	12.676	11.291
2	9	-18	28.842	26.168
2	10	18	30.884	28.061
2	10	-18	4.969	4.534
2	11	18	13.949	13.155
2	11	-18	20.237	19.366
2	12	18	6.564	7.555
2	12	-18	31.751	36.883
2	13	18	26.316	27.065
2	13	-18	18.222	19.090
2	10	19	22.960	23.745
2	10	-19	4.265	4.461
2	13	19	7.694	4.255
2	13	-19	17.999	10.157
2	6	20	21.857	25.784
2	6	-20	11.760	14.025
2	0	21	58.523	52.232
2	1	21	34.571	35.040
2	1	-21	30.337	30.828
2	2	21	25.433	22.598
2	2	-21	31.258	27.927
2	3	21	6.085	6.945
2	3	-21	18.136	20.805
2	4	21	2.109	1.897
2	4	-21	91.277	82.818
2	5	21	46.017	46.719
2	5	-21	42.130	43.253
2	6	21	34.419	35.931
2	6	-21	33.181	35.079
2	7	21	15.021	17.080
2	7	-21	17.857	20.592
2	8	21	33.455	33.208
2	8	-21	97.489	97.596
2	9	21	11.444	14.379
2	9	-21	10.258	13.145
2	12	21	58.096	54.172
2	12	-21	70.559	66.705
2	0	22	14.490	29.568
2	2	22	11.571	15.784
2	2	-22	12.555	17.192
2	10	22	42.819	34.163
2	10	-22	48.467	39.100
2	12	22	12.432	8.596
2	12	-22	32.939	23.080
2	5	23	11.692	7.766
2	5	-23	0.879	0.588
2	0	24	109.802	100.785
2	1	24	15.392	15.233
2	1	-24	11.921	11.832
2	2	24	43.220	37.574
2	2	-24	29.763	25.949
2	3	24	10.162	8.879
2	3	-24	22.872	20.178
2	4	24	77.241	80.016
2	4	-24	46.056	47.962
2	6	24	31.608	38.639
2	6	-24	6.096	7.540
2	7	24	30.441	32.221
2	7	-24	25.184	27.021
2	8	24	38.585	46.386
2	8	-24	28.611	34.756
2	9	24	8.366	9.359
2	9	-24	14.339	16.367
2	10	24	8.185	7.077
2	10	-24	56.187	49.296
2	8	25	14.416	17.999
2	8	-25	1.113	1.404
2	0	26	21.896	19.210
2	8	26	18.827	17.950
2	8	-26	7.135	6.855
2	0	27	20.769	14.349
2	1	27	28.570	28.270
2	1	-27	33.835	33.548
2	2	27	21.660	19.465
2	2	-27	62.951	56.699
2	3	27	18.227	14.032

H	K	L	F(OBS)	F(CALC)
2	3	-27	5.002	3.872
2	4	27	50.467	56.661
2	4	-27	45.869	51.831
2	5	27	17.142	14.409
2	5	-27	20.526	17.492
2	6	27	18.214	15.538
2	6	-27	77.799	66.937
2	6	28	19.090	26.946
2	6	-28	2.415	3.433
2	0	30	24.794	18.018
2	2	30	44.889	45.525
2	2	-30	53.282	54.149
3	1	0	118.898	99.036
3	2	0	88.711	75.618
3	3	0	180.642	167.880
3	4	0	136.367	114.394
3	5	0	62.307	59.100
3	6	0	46.368	44.990
3	7	0	193.924	193.527
3	8	0	106.099	106.425
3	9	0	110.768	114.548
3	10	0	26.967	26.713
3	11	0	104.730	116.506
3	12	0	25.599	26.405
3	13	0	35.420	32.051
3	14	0	22.298	24.134
3	15	0	77.038	85.157
3	17	0	17.710	18.702
3	1	1	7.338	10.193
3	1	-1	12.060	16.756
3	2	1	10.759	14.838
3	2	-1	5.464	7.539
3	3	1	2.719	2.760
3	3	-1	31.189	31.690
3	4	1	8.761	6.972
3	4	-1	12.904	10.279
3	5	1	2.335	3.502
3	5	-1	9.508	14.279
3	6	1	7.947	7.225
3	6	-1	13.947	12.696
3	7	1	17.077	22.497
3	7	-1	36.881	48.648
3	8	1	21.401	31.956
3	8	-1	8.101	12.112
3	9	1	22.933	26.758
3	9	-1	17.614	20.580
3	11	1	26.509	29.919
3	11	-1	35.190	39.763
3	13	1	14.966	16.466
3	13	-1	5.803	6.391
3	15	1	38.092	35.817
3	15	-1	38.702	36.425
3	17	1	5.596	2.443
3	17	-1	26.743	11.682
3	1	2	12.387	12.637
3	1	-2	18.833	19.223
3	3	2	27.122	28.566
3	3	-2	41.570	43.855
3	4	2	8.556	5.402
3	4	-2	26.427	16.717
3	5	2	1.382	1.310
3	5	-2	17.478	16.608
3	6	2	18.340	17.851
3	6	-2	7.482	7.298
3	7	2	3.740	4.797
3	7	-2	30.050	38.650
3	9	2	3.327	3.172
3	9	-2	19.412	18.557
3	10	2	12.827	9.193
3	10	-2	16.127	11.592
3	11	2	4.659	9.747
3	11	-2	10.637	22.305
3	13	2	14.756	13.677
3	13	-2	39.695	36.874
3	14	2	16.181	11.827
3	14	-2	27.197	19.922
3	15	2	19.325	28.559
3	15	-2	1.051	1.555
3	16	2	18.041	11.229
3	16	-2	1.492	0.932
3	17	2	16.523	11.594
3	17	-2	44.749	31.437
3	0	3	102.155	87.520
3	1	3	251.663	210.635
3	1	-3	100.705	84.359
3	2	3	74.891	65.876
3	2	-3	55.144	48.585
3	4	3	114.131	104.641
3	4	-3	91.495	84.127
3	5	3	139.351	123.846
3	5	-3	21.815	19.442
3	6	3	83.011	78.990
3	6	-3	80.708	77.067
3	7	3	5.184	5.149
3	7	-3	82.147	81.922
3	8	3	34.368	28.029
3	8	-3	14.598	11.962
3	9	3	86.730	86.381
3	9	-3	4.815	4.815
3	10	3	56.347	60.224
3	10	-3	65.207	69.978
3	11	3	16.011	14.294
3	11	-3	23.947	21.457
3	12	3	18.717	17.388
3	12	-3	27.742	25.890
3	13	3	0.398	0.418

H	K	L	F(OBS)	F(CALC)	H	K	L	F(OBS)	F(CALC)
3	13	-3	58.514	61.641	3	13	5	52.246	40.011
3	14	3	20.269	19.268	3	13	-5	42.034	32.346
3	14	-3	31.760	30.304	3	14	5	8.577	5.015
3	15	3	53.482	49.052	3	14	-5	29.628	17.438
3	15	-3	21.086	19.380	3	15	5	10.740	6.606
3	16	3	29.837	28.565	3	15	-5	32.656	20.183
3	16	-3	21.111	20.296	3	16	5	14.305	7.422
3	17	3	14.005	12.589	3	16	-5	20.690	10.776
3	17	-3	37.793	34.023	3	0	6	12.638	4.804
3	0	4	10.545	15.401	3	1	6	141.589	130.980
3	1	4	38.759	33.556	3	1	-6	194.477	180.162
3	1	-4	41.998	36.401	3	2	6	170.470	150.365
3	2	4	19.457	16.035	3	2	-6	171.329	151.640
3	2	-4	12.255	10.122	3	3	6	42.156	35.634
3	3	4	43.839	24.707	3	3	-6	75.529	64.285
3	3	-4	9.500	5.371	3	4	6	19.413	20.478
3	4	4	13.592	16.219	3	4	-6	18.407	19.396
3	4	-4	1.381	1.655	3	5	6	150.627	150.252
3	5	4	38.916	47.033	3	5	-6	167.680	168.399
3	5	-4	21.839	26.504	3	6	6	33.777	31.387
3	6	4	2.461	4.373	3	6	-6	20.902	19.538
3	6	-4	12.627	22.542	3	7	6	35.984	31.219
3	7	4	25.249	24.179	3	7	-6	36.937	32.224
3	7	-4	1.116	1.074	3	8	6	59.082	61.016
3	8	4	6.580	8.773	3	8	-6	60.374	62.782
3	8	-4	9.008	12.078	3	9	6	166.415	173.073
3	9	4	32.300	44.155	3	9	-6	168.296	176.314
3	9	-4	6.832	9.386	3	10	6	18.497	19.906
3	10	4	10.788	7.956	3	10	-6	26.238	28.454
3	10	-4	17.822	13.218	3	11	6	7.485	9.065
3	11	4	22.106	22.706	3	11	-6	15.347	18.733
3	11	-4	3.032	3.128	3	12	6	32.359	39.449
3	15	4	40.026	36.558	3	12	-6	35.197	43.243
3	15	-4	19.989	18.313	3	13	6	84.677	92.197
3	0	5	15.537	7.400	3	13	-6	91.018	99.667
3	1	5	31.063	37.454	3	14	6	28.333	35.229
3	1	-5	7.156	8.640	3	14	-6	29.453	36.903
3	2	5	7.241	8.490	3	15	6	45.440	49.979
3	2	-5	20.262	23.822	3	15	-6	37.051	40.977
3	3	5	3.934	9.187	3	16	6	24.440	27.873
3	3	-5	13.322	31.232	3	16	-6	25.142	28.799
3	5	5	40.346	45.349	3	0	7	8.614	2.603
3	5	-5	4.904	5.542	3	1	7	15.640	11.832
3	7	5	3.449	5.980	3	1	-7	3.612	2.737
3	7	-5	13.922	24.277	3	2	7	14.778	13.991
3	8	5	4.123	6.192	3	2	-7	11.219	10.659
3	8	-5	16.572	25.042	3	3	7	10.235	8.417
3	9	5	52.710	55.829	3	3	-7	3.508	2.899
3	9	-5	30.060	32.038	3	4	7	8.013	10.080
3	10	5	11.462	10.061	3	4	-7	6.191	7.835
3	10	-5	5.835	5.153	3	5	7	6.265	6.864
3	12	5	18.616	15.712	3	5	-7	19.630	21.666
3	12	-5	7.722	6.561	3	6	7	7.067	8.122

H	K	L	F(OBS)	F(CALC)
3	6	-7	8.778	10.160
3	7	7	1.789	1.678
3	7	-7	10.896	10.294
3	9	7	29.666	34.348
3	9	-7	41.626	48.597
3	10	7	7.734	7.864
3	10	-7	9.267	9.499
3	12	7	2.812	2.325
3	12	-7	21.444	17.892
3	13	7	35.958	35.273
3	13	-7	37.756	37.273
3	14	7	14.291	14.447
3	14	-7	7.577	7.731
3	15	7	17.761	13.874
3	15	-7	23.107	18.169
3	16	7	14.910	10.620
3	16	-7	9.656	6.916
3	0	8	8.694	9.227
3	2	8	9.730	13.586
3	2	-8	9.424	13.206
3	3	8	7.292	2.308
3	3	-8	13.014	4.145
3	5	8	0.245	0.299
3	5	-8	15.253	18.760
3	9	8	8.489	7.822
3	9	-8	24.048	22.361
3	10	8	15.030	8.496
3	10	-8	16.339	9.336
3	11	8	6.204	5.549
3	11	-8	24.149	21.774
3	12	8	8.563	8.140
3	12	-8	17.228	16.538
3	13	8	15.480	24.758
3	13	-8	0.325	0.524
3	14	8	12.499	10.039
3	14	-8	20.237	16.389
3	15	8	28.030	19.480
3	15	-8	52.272	36.524
3	16	8	15.651	5.711
3	16	-8	10.226	3.793
3	0	9	116.967	111.209
3	1	9	37.563	36.874
3	1	-9	145.510	143.090
3	2	9	16.767	15.684
3	2	-9	42.605	39.963
3	3	9	260.757	255.996
3	3	-9	126.035	124.462
3	4	9	86.564	86.332
3	4	-9	91.605	92.018
3	5	9	64.500	61.526
3	5	-9	115.356	110.918
3	6	9	33.078	33.470
3	6	-9	46.202	47.096

H	K	L	F(OBS)	F(CALC)
3	7	9	110.559	100.461
3	7	-9	6.789	6.231
3	9	9	33.582	32.807
3	9	-9	72.641	71.689
3	10	9	58.455	61.967
3	10	-9	45.571	48.845
3	11	9	21.506	20.348
3	11	-9	48.107	45.919
3	12	9	29.737	30.594
3	12	-9	33.727	35.076
3	13	9	45.850	45.982
3	13	-9	18.755	18.992
3	14	9	37.384	38.178
3	14	-9	28.151	29.007
3	15	9	26.305	26.039
3	15	-9	67.468	67.163
3	16	9	14.386	16.781
3	16	-9	21.172	24.999
3	0	10	6.601	17.199
3	1	10	43.747	39.174
3	1	-10	18.728	16.806
3	3	10	41.434	38.780
3	3	-10	54.163	50.992
3	4	10	19.466	9.656
3	4	-10	2.139	1.068
3	5	10	31.496	24.630
3	5	-10	3.100	2.445
3	6	10	1.300	1.334
3	6	-10	14.399	14.907
3	7	10	47.682	52.222
3	7	-10	23.518	26.024
3	9	10	25.346	17.929
3	9	-10	8.210	5.867
3	10	10	10.433	9.587
3	10	-10	15.758	14.660
3	11	10	23.069	37.503
3	11	-10	1.392	2.285
3	12	10	10.680	10.617
3	12	-10	11.370	11.435
3	13	10	32.665	32.118
3	13	-10	19.257	19.108
3	14	10	17.156	18.111
3	14	-10	13.186	14.052
3	15	10	6.645	10.876
3	15	-10	14.857	24.479
3	0	11	6.923	5.750
3	1	11	7.968	13.361
3	1	-11	20.108	33.789
3	2	11	1.581	2.142
3	2	-11	12.767	17.369
3	3	11	39.368	44.045
3	3	-11	1.316	1.482
3	7	11	44.975	50.005

H	K	L	F(OBS)	F(CALC)
3	7	-11	20.181	22.677
3	8	11	4.334	6.601
3	8	-11	19.795	30.498
3	9	11	5.893	8.298
3	9	-11	25.161	35.824
3	11	11	45.208	37.249
3	11	-11	20.477	17.032
3	12	11	11.121	11.834
3	12	-11	1.857	2.002
3	13	11	1.530	1.803
3	13	-11	14.033	16.680
3	15	11	43.718	30.539
3	15	-11	31.451	22.157
3	0	12	10.787	14.657
3	1	12	67.637	68.058
3	1	-12	31.684	31.969
3	2	12	65.498	64.477
3	2	-12	69.366	68.544
3	3	12	102.806	102.237
3	3	-12	144.673	144.764
3	4	12	67.270	63.292
3	4	-12	77.144	73.199
3	5	12	47.966	44.540
3	5	-12	18.638	17.478
3	6	12	29.584	32.816
3	6	-12	25.488	28.582
3	7	12	110.671	113.528
3	7	-12	155.434	161.190
3	8	12	72.283	72.524
3	8	-12	76.421	77.625
3	9	12	80.545	81.644
3	9	-12	83.009	85.109
3	10	12	13.384	14.104
3	10	-12	13.340	14.153
3	11	12	75.690	81.749
3	11	-12	80.101	87.324
3	12	12	31.792	26.698
3	12	-12	23.478	20.036
3	13	12	32.823	38.045
3	13	-12	12.973	15.174
3	14	12	23.871	19.944
3	14	-12	25.980	22.071
3	15	12	71.379	78.867
3	15	-12	59.107	65.888
3	7	13	14.122	14.963
3	7	-13	25.755	27.594
3	8	13	19.443	18.607
3	8	-13	12.923	12.524
3	9	13	0.472	0.558
3	9	-13	28.913	34.603
3	11	13	29.207	25.372
3	11	-13	27.759	24.351
3	12	13	2.176	1.701
3	12	-13	17.277	13.710
3	13	13	5.272	4.230
3	13	-13	23.670	19.161
3	15	13	44.729	35.410
3	15	-13	36.678	29.303
3	4	14	11.261	7.381
3	4	-14	16.710	11.043
3	10	14	3.695	1.892
3	10	-14	17.128	8.922
3	11	14	18.865	16.489
3	11	-14	1.129	0.997
3	13	14	12.529	10.164
3	13	-14	32.743	26.866
3	14	14	6.169	6.932
3	14	-14	12.687	14.429
3	15	14	24.768	27.240
3	15	-14	7.354	8.151
3	0	15	30.912	34.013
3	1	15	144.193	136.088
3	1	-15	65.743	62.191
3	2	15	44.539	45.116
3	2	-15	44.171	44.951
3	3	15	126.109	124.193
3	3	-15	174.753	173.225
3	4	15	64.608	62.320
3	4	-15	42.849	41.682
3	5	15	86.382	78.769
3	5	-15	24.653	22.689
3	6	15	61.198	61.413
3	6	-15	72.587	73.687
3	7	15	3.642	3.695
3	7	-15	27.544	28.205
3	8	15	30.362	29.883
3	8	-15	18.654	18.569
3	9	15	49.989	57.107
3	9	-15	21.994	25.431
3	10	15	39.676	44.688
3	10	-15	42.374	48.454
3	11	15	8.474	11.000
3	11	-15	12.406	16.314
3	12	15	1.051	0.602
3	12	-15	18.655	10.934
3	13	15	13.026	11.854
3	13	-15	54.286	49.969
3	14	15	10.401	7.544
3	14	-15	16.822	12.447
3	5	16	33.100	38.101
3	5	-16	29.420	34.182
3	7	16	21.466	21.542
3	7	-16	4.134	4.196
3	8	16	9.256	6.329
3	8	-16	12.837	8.876
3	9	16	37.000	37.331

H	K	L	F(OBS)	F(CALC)
3	9	-16	16.557	16.903
3	10	16	5.118	3.322
3	10	-16	16.403	10.850
3	11	16	15.850	17.249
3	11	-16	4.174	4.588
3	13	16	23.383	30.145
3	13	-16	5.025	6.538
3	1	17	17.955	36.903
3	1	-17	2.297	4.731
3	5	17	20.033	38.087
3	5	-17	0.367	0.704
3	13	17	34.674	30.832
3	13	-17	22.494	20.198
3	0	18	9.740	6.470
3	1	18	36.998	35.562
3	1	-18	106.339	102.434
3	2	18	67.421	66.633
3	2	-18	67.336	66.856
3	3	18	5.728	5.857
3	3	-18	35.633	36.660
3	4	18	31.366	27.220
3	4	-18	29.796	26.106
3	5	18	57.017	55.928
3	5	-18	90.032	89.040
3	6	18	29.953	29.080
3	6	-18	7.437	7.309
3	7	18	21.380	20.701
3	7	-18	28.074	27.526
3	8	18	37.672	41.166
3	8	-18	42.048	46.661
3	9	18	101.946	109.732
3	9	-18	107.759	117.326
3	10	18	2.261	1.875
3	10	-18	16.593	13.952
3	12	18	17.438	19.558
3	12	-18	24.166	27.587
3	13	18	51.989	57.599
3	13	-18	62.184	69.577
3	9	19	26.601	22.336
3	9	-19	35.555	30.196
3	13	19	35.247	27.663
3	13	-19	32.978	26.128
3	12	20	5.578	6.563
3	12	-20	13.217	15.775
3	0	21	62.468	64.404
3	1	21	10.809	10.760
3	1	-21	62.599	62.422
3	2	21	1.488	1.326
3	2	-21	18.838	16.865
3	3	21	118.246	121.801
3	3	-21	57.001	59.046
3	4	21	47.465	49.689
3	4	-21	43.578	45.999
3	5	21	49.162	47.187
3	5	-21	57.722	55.832
3	6	21	7.906	7.265
3	6	-21	20.215	18.950
3	7	21	59.200	65.300
3	7	-21	6.466	7.189
3	9	21	37.078	40.412
3	9	-21	29.837	32.919
3	10	21	29.831	36.238
3	10	-21	20.943	25.884
3	11	21	18.704	16.941
3	11	-21	53.134	48.582
3	1	22	12.129	32.078
3	1	-22	2.623	6.950
3	7	22	32.702	33.857
3	7	-22	25.061	26.165
3	9	22	17.641	15.108
3	9	-22	0.398	0.344
3	11	22	31.711	30.646
3	11	-22	5.715	5.580
3	5	23	2.495	3.411
3	5	-23	12.852	17.684
3	0	24	16.744	15.043
3	1	24	37.253	32.480
3	1	-24	9.191	8.024
3	2	24	39.127	39.005
3	2	-24	44.420	44.479
3	3	24	46.053	45.070
3	3	-24	87.300	85.824
3	4	24	16.195	15.970
3	4	-24	25.974	25.856
3	5	24	24.575	12.278
3	5	-24	18.104	9.118
3	7	24	43.018	42.320
3	7	-24	84.882	84.263
3	8	24	31.797	30.079
3	8	-24	34.002	32.667
3	9	24	42.460	41.555
3	9	-24	40.260	39.821
3	7	26	8.412	7.316
3	7	-26	11.343	9.952
3	0	27	12.558	11.523
3	1	27	66.176	61.413
3	1	-27	32.339	30.045
3	2	27	19.688	17.788
3	2	-27	27.065	24.537
3	3	27	66.699	68.667
3	3	-27	68.688	71.018
3	4	27	29.274	28.716
3	4	-27	15.541	15.375
3	6	27	25.709	27.313
3	6	-27	38.663	41.500
4	1	0	22.862	21.917

H	K	L	F(OBS)	F(CALC)
4	2	0	88.631	74.190
4	3	0	82.352	75.556
4	4	0	170.821	161.465
4	5	0	74.301	72.982
4	6	0	21.976	2.446
4	7	0	68.506	71.286
4	8	0	93.943	97.004
4	9	0	22.057	22.923
4	10	0	53.130	58.643
4	11	0	12.799	10.123
4	12	0	36.949	41.486
4	14	0	37.593	36.983
4	15	0	11.592	18.637
4	16	0	24.874	16.813
4	0	1	13.926	14.601
4	1	1	11.102	16.663
4	1	-1	10.128	15.206
4	2	1	16.570	12.857
4	2	-1	2.346	1.821
4	3	1	3.132	5.927
4	3	-1	11.890	22.516
4	4	1	2.964	3.849
4	4	-1	22.001	28.593
4	5	1	23.003	14.317
4	5	-1	10.467	6.520
4	6	1	11.400	7.805
4	6	-1	13.470	9.231
4	7	1	12.119	8.562
4	7	-1	3.964	2.803
4	8	1	10.809	16.860
4	8	-1	15.363	23.989
4	10	1	6.081	6.310
4	10	-1	24.883	25.844
4	11	1	11.016	10.134
4	11	-1	8.272	7.618
4	14	1	16.052	14.852
4	14	-1	29.240	27.074
4	15	1	15.308	16.757
4	15	-1	3.536	3.875
4	0	2	17.549	13.767
4	1	2	7.341	5.147
4	1	-2	12.456	8.737
4	2	2	24.963	20.600
4	2	-2	27.923	23.062
4	3	2	2.557	2.206
4	3	-2	15.962	13.789
4	4	2	9.353	8.572
4	4	-2	14.828	13.612
4	5	2	3.338	6.056
4	5	-2	14.068	25.562
4	6	2	18.786	23.656
4	6	-2	33.843	42.700
4	7	2	3.435	5.780
4	7	-2	9.532	16.072
4	8	2	15.579	23.284
4	8	-2	2.777	4.159
4	9	2	11.409	15.826
4	9	-2	6.649	9.243
4	10	2	21.237	20.775
4	10	-2	43.727	42.862
4	11	2	9.920	10.057
4	11	-2	27.765	28.214
4	12	2	23.575	28.123
4	12	-2	2.219	2.652
4	13	2	11.335	6.578
4	13	-2	5.840	3.394
4	14	2	19.351	16.571
4	14	-2	48.294	41.417
4	15	2	19.488	11.849
4	15	-2	9.129	5.567
4	0	3	75.912	64.900
4	1	3	16.773	16.089
4	1	-3	28.970	27.779
4	2	3	60.004	50.355
4	2	-3	73.565	61.805
4	3	3	5.222	4.358
4	3	-3	14.337	11.976
4	4	3	146.320	130.626
4	4	-3	62.045	55.518
4	5	3	70.415	67.037
4	5	-3	79.526	75.872
4	6	3	47.533	47.193
4	6	-3	162.715	162.019
4	7	3	15.826	11.573
4	7	-3	2.697	1.978
4	8	3	116.191	111.207
4	8	-3	52.787	50.678
4	9	3	44.224	41.758
4	9	-3	28.893	27.381
4	10	3	55.576	63.524
4	10	-3	101.958	116.889
4	11	3	44.854	50.242
4	11	-3	46.260	52.015
4	12	3	106.304	110.902
4	12	-3	45.298	47.385
4	14	3	34.038	38.117
4	14	-3	57.642	64.691
4	15	3	9.596	7.799
4	15	-3	24.225	19.794
4	16	3	34.907	35.932
4	16	-3	8.215	8.473
4	0	4	31.395	24.052
4	2	4	27.236	30.890
4	2	-4	15.896	18.057
4	3	4	11.503	12.474
4	3	-4	1.587	1.725

H	K	L	F(OBS)	F(CALC)
4	4	4	25.976	28.543
4	4	-4	22.174	24.434
4	6	4	24.166	24.080
4	6	-4	10.656	10.659
4	8	4	36.648	43.651
4	8	-4	25.065	29.977
4	9	4	3.476	5.135
4	9	-4	11.795	17.501
4	10	4	5.850	8.930
4	10	-4	16.768	25.697
4	11	4	17.696	21.987
4	11	-4	6.644	8.294
4	12	4	44.192	53.546
4	12	-4	22.352	27.177
4	14	4	0.974	1.232
4	14	-4	17.961	22.780
4	15	4	0.513	0.450
4	15	-4	14.791	13.038
4	16	4	30.466	33.392
4	16	-4	4.860	5.340
4	1	5	12.468	16.777
4	1	-5	10.818	14.571
4	2	5	18.762	28.477
4	2	-5	5.989	9.107
4	4	5	14.757	18.181
4	4	-5	10.282	12.713
4	5	5	9.587	12.792
4	5	-5	4.491	6.018
4	6	5	29.968	30.757
4	6	-5	9.061	9.343
4	8	5	25.127	19.171
4	8	-5	11.020	8.450
4	9	5	9.729	12.767
4	9	-5	11.453	15.114
4	10	5	15.975	11.259
4	10	-5	2.479	1.755
4	12	5	40.428	33.905
4	12	-5	18.896	15.914
4	13	5	17.111	9.677
4	13	-5	2.615	1.491
4	16	5	50.233	37.882
4	16	-5	37.379	28.277
4	0	6	63.193	54.028
4	1	6	108.413	98.336
4	1	-6	101.913	92.553
4	2	6	224.504	206.191
4	2	-6	204.744	188.464
4	3	6	57.169	55.691
4	3	-6	66.159	64.618
4	4	6	38.421	30.905
4	4	-6	10.108	8.162
4	5	6	30.393	26.510
4	5	-6	14.543	12.745
4	6	6	177.823	173.149
4	6	-6	167.532	164.029
4	8	6	31.200	18.840
4	8	-6	5.927	3.600
4	9	6	38.867	42.631
4	9	-6	35.100	38.770
4	10	6	26.725	32.946
4	10	-6	20.712	25.675
4	12	6	45.225	48.386
4	12	-6	61.283	65.883
4	13	6	23.427	31.462
4	13	-6	24.060	32.587
4	1	7	11.157	11.480
4	1	-7	10.570	10.891
4	2	7	5.892	4.640
4	2	-7	29.936	23.639
4	3	7	5.288	10.005
4	3	-7	10.846	20.593
4	5	7	9.720	8.352
4	5	-7	10.548	9.114
4	6	7	21.343	23.431
4	6	-7	25.188	27.821
4	7	7	14.468	5.506
4	7	-7	7.707	2.952
4	8	7	11.958	5.537
4	8	-7	4.428	2.065
4	10	7	13.979	15.773
4	10	-7	6.654	7.557
4	12	7	15.109	14.899
4	12	-7	19.833	19.668
4	0	8	11.511	17.970
4	2	8	12.739	10.342
4	2	-8	0.535	0.436
4	3	8	0.153	0.139
4	3	-8	13.888	12.698
4	4	8	15.255	18.110
4	4	-8	24.296	28.992
4	5	8	3.254	4.730
4	5	-8	16.880	24.679
4	8	8	17.348	20.514
4	8	-8	28.089	33.455
4	10	8	14.758	25.057
4	10	-8	2.834	4.846
4	11	8	7.346	6.947
4	11	-8	27.138	25.883
4	12	8	18.899	14.757
4	12	-8	53.330	41.905
4	0	9	81.304	72.391
4	1	9	44.441	44.460
4	1	-9	26.155	26.192
4	2	9	51.479	41.027
4	2	-9	3.092	2.471
4	3	9	45.002	41.011

H	K	L	F(OBS)	F(CALC)
4	3	-9	38.466	35.228
4	4	9	47.608	45.650
4	4	-9	160.430	154.715
4	5	9	41.290	42.641
4	5	-9	43.998	45.703
4	6	9	129.963	125.097
4	6	-9	50.577	49.038
4	8	9	35.289	36.647
4	8	-9	95.464	99.904
4	9	9	10.138	7.684
4	9	-9	21.501	16.516
4	10	9	77.756	81.696
4	10	-9	37.946	40.178
4	11	9	57.636	62.764
4	11	-9	52.537	57.762
4	12	9	46.247	50.433
4	12	-9	90.274	99.128
4	14	9	64.158	63.704
4	14	-9	24.087	24.052
4	15	9	25.256	25.886
4	15	-9	16.326	16.931
4	0	10	44.114	34.865
4	1	10	17.647	8.409
4	1	-10	4.035	1.926
4	2	10	29.629	20.897
4	2	-10	28.316	20.034
4	3	10	9.085	8.692
4	3	-10	7.415	7.127
4	4	10	39.234	37.591
4	4	-10	4.609	4.442
4	6	10	35.731	36.608
4	6	-10	32.792	33.855
4	8	10	13.555	21.386
4	8	-10	9.219	14.664
4	10	10	28.382	37.183
4	10	-10	20.976	27.704
4	11	10	27.175	25.199
4	11	-10	15.575	14.582
4	14	10	44.483	45.950
4	14	-10	22.020	22.892
4	0	11	17.146	16.846
4	1	11	10.958	13.752
4	1	-11	10.938	13.750
4	2	11	8.823	17.782
4	2	-11	8.065	16.308
4	4	11	22.397	23.669
4	4	-11	11.212	11.922
4	5	11	7.983	7.166
4	5	-11	14.581	13.184
4	6	11	20.651	25.327
4	6	-11	7.830	9.679
4	7	11	6.820	2.341
4	7	-11	13.922	4.827

H	K	L	F(OBS)	F(CALC)
4	8	11	18.406	17.921
4	8	-11	3.133	3.077
4	9	11	8.815	12.702
4	9	-11	8.577	12.494
4	10	11	33.497	30.977
4	10	-11	11.466	10.692
4	11	11	8.811	7.414
4	11	-11	15.017	12.755
4	14	11	39.801	31.825
4	14	-11	18.358	14.779
4	0	12	215.659	203.500
4	1	12	30.859	27.254
4	1	-12	35.776	31.645
4	2	12	61.087	58.035
4	2	-12	48.476	46.217
4	3	12	59.393	61.831
4	3	-12	48.036	50.267
4	4	12	118.552	119.511
4	4	-12	113.231	114.855
4	5	12	46.630	44.579
4	5	-12	50.071	48.241
4	6	12	22.678	22.369
4	6	-12	10.075	10.020
4	7	12	45.567	48.577
4	7	-12	39.901	43.001
4	8	12	90.064	93.738
4	8	-12	55.012	57.768
4	9	12	17.442	17.921
4	9	-12	22.618	23.608
4	10	12	19.658	22.169
4	10	-12	60.764	69.127
4	11	12	7.570	4.361
4	11	-12	23.570	13.724
4	12	12	31.053	33.319
4	12	-12	23.293	25.194
4	13	12	8.741	6.862
4	13	-12	8.000	6.338
4	14	12	18.977	20.078
4	14	-12	40.518	43.178
4	0	13	10.465	5.998
4	4	13	11.496	11.729
4	4	-13	15.143	15.548
4	5	13	18.820	8.541
4	5	-13	3.991	1.825
4	6	13	3.917	6.127
4	6	-13	11.414	18.004
4	8	13	28.404	28.254
4	8	-13	15.918	15.980
4	12	13	23.628	18.429
4	12	-13	1.560	1.226
4	14	13	13.266	13.221
4	14	-13	16.503	16.566
4	0	14	13.121	11.951

H	K	L	F(OBS)	F(CALC)
4	3	14	2.360	2.548
4	3	-14	12.183	13.220
4	4	14	16.419	20.162
4	4	-14	10.030	12.396
4	5	14	1.939	3.367
4	5	-14	13.638	23.877
4	8	14	21.785	27.747
4	8	-14	7.364	9.466
4	10	14	16.424	14.588
4	10	-14	30.980	27.771
4	11	14	3.790	4.987
4	11	-14	14.890	19.853
4	12	14	22.976	23.739
4	12	-14	9.969	10.387
4	13	14	15.174	6.128
4	13	-14	1.574	0.640
4	14	14	15.103	10.270
4	14	-14	31.896	21.852
4	0	15	23.828	21.373
4	1	15	21.327	16.125
4	1	-15	3.623	2.746
4	2	15	62.568	57.944
4	2	-15	53.122	49.369
4	3	15	17.250	13.213
4	3	-15	16.389	12.607
4	4	15	53.109	52.697
4	4	-15	38.073	38.025
4	5	15	57.324	56.273
4	5	-15	63.119	62.538
4	6	15	30.371	29.233
4	6	-15	117.377	113.930
4	7	15	11.484	7.690
4	7	-15	5.058	3.463
4	8	15	75.310	73.442
4	8	-15	41.421	40.757
4	9	15	38.765	39.829
4	9	-15	34.016	35.387
4	10	15	53.634	57.020
4	10	-15	94.309	101.176
4	11	15	27.144	26.042
4	11	-15	25.810	25.229
4	12	15	70.842	79.969
4	12	-15	27.345	31.137
4	0	16	22.701	20.248
4	1	16	11.573	6.094
4	1	-16	5.077	2.678
4	2	16	36.486	35.346
4	2	-16	23.666	23.006
4	4	16	12.521	14.600
4	4	-16	21.954	25.761
4	5	16	9.780	13.978
4	5	-16	6.685	9.635
4	6	16	30.373	33.440
4	6	-16	2.900	3.220
4	8	16	35.316	31.924
4	8	-16	35.520	32.405
4	9	16	2.945	3.512
4	9	-16	12.996	15.688
4	10	16	10.894	18.182
4	10	-16	11.786	19.852
4	11	16	13.704	13.419
4	11	-16	6.503	6.463
4	12	16	46.211	41.269
4	12	-16	37.731	33.990
4	1	17	12.122	12.551
4	1	-17	6.544	6.787
4	2	17	22.634	20.721
4	2	-17	16.104	14.794
4	7	17	15.100	8.632
4	7	-17	1.191	0.685
4	8	17	22.418	22.658
4	8	-17	0.651	0.664
4	9	17	6.246	6.589
4	9	-17	9.525	10.199
4	12	17	39.533	31.155
4	12	-17	16.701	13.275
4	0	18	49.024	43.987
4	1	18	45.771	43.688
4	1	-18	38.789	37.100
4	2	18	125.835	126.411
4	2	-18	95.953	96.711
4	3	18	33.102	34.276
4	3	-18	41.448	43.215
4	4	18	30.001	32.322
4	4	-18	6.688	7.248
4	5	18	33.134	31.398
4	5	-18	11.834	11.298
4	6	18	98.032	98.718
4	6	-18	80.095	81.305
4	7	18	27.091	21.497
4	7	-18	10.566	8.556
4	8	18	18.878	25.355
4	8	-18	12.738	17.259
4	9	18	20.725	23.053
4	9	-18	16.403	18.581
4	10	18	20.360	23.918
4	10	-18	8.254	9.782
4	11	18	10.647	2.619
4	11	-18	12.210	2.926
4	12	18	13.266	14.692
4	12	-18	44.161	49.327
4	5	19	9.821	4.843
4	5	-19	6.814	3.381
4	6	19	15.968	20.032
4	6	-19	9.896	12.509
4	7	19	10.314	4.209

H	K	L	F(OBS)	F(CALC)
4	7	-19	5.189	2.155
4	8	19	3.595	4.208
4	8	-19	11.878	14.030
4	10	19	19.639	19.619
4	10	-19	3.972	4.005
4	2	20	21.503	22.778
4	2	-20	12.617	13.406
4	3	20	1.426	0.956
4	3	-20	11.639	7.839
4	6	20	23.045	21.966
4	6	-20	13.135	12.613
4	10	20	13.523	20.187
4	10	-20	5.121	7.715
4	11	20	2.539	3.556
4	11	-20	13.189	18.727
4	0	21	49.829	43.164
4	1	21	28.561	25.826
4	1	-21	20.348	18.452
4	2	21	8.506	11.746
4	2	-21	12.111	16.766
4	3	21	26.046	29.913
4	3	-21	25.952	29.944
4	4	21	22.432	21.150
4	4	-21	109.522	103.811
4	5	21	10.909	11.097
4	5	-21	22.124	22.878
4	6	21	50.705	59.480
4	6	-21	28.987	34.251
4	7	21	7.632	3.806
4	7	-21	15.003	7.486
4	8	21	20.239	19.325
4	8	-21	62.615	60.283
4	10	21	26.811	39.331
4	10	-21	11.427	16.918
4	0	22	23.264	26.023
4	2	22	14.577	14.931
4	2	-22	15.980	16.413
4	4	22	28.601	32.943
4	4	-22	4.263	4.936
4	6	22	11.518	18.843
4	6	-22	19.377	31.928
4	0	24	87.584	87.284
4	1	24	29.650	25.524
4	1	-24	31.030	26.768
4	2	24	33.665	33.300
4	2	-24	19.784	19.618
4	3	24	25.496	28.447
4	3	-24	21.165	23.795
4	4	24	56.943	60.649
4	4	-24	52.272	55.938
4	5	24	12.182	17.225
4	5	-24	9.744	13.871
4	6	24	29.741	31.130

H	K	L	F(OBS)	F(CALC)
4	6	-24	2.262	2.384
4	0	26	11.914	13.801
4	3	26	5.341	3.747
4	3	-26	11.953	8.414
4	1	27	13.706	10.451
4	1	-27	11.781	8.994
4	2	27	41.768	38.312
4	2	-27	33.443	30.743
4	3	27	8.141	7.799
4	3	-27	9.820	9.410
5	1	0	59.892	52.544
5	2	0	83.639	76.458
5	3	0	156.009	141.607
5	4	0	32.924	28.664
5	5	0	74.301	65.412
5	6	0	10.546	9.477
5	7	0	132.825	133.165
5	8	0	32.361	38.792
5	9	0	18.998	16.394
5	10	0	12.397	12.063
5	11	0	103.442	114.081
5	13	0	25.357	25.157
5	14	0	25.518	26.776
5	15	0	52.164	64.283
5	0	1	8.453	11.026
5	1	1	8.938	7.599
5	1	-1	8.608	7.320
5	2	1	17.217	12.345
5	2	-1	10.470	7.510
5	3	1	1.172	1.136
5	3	-1	23.081	22.386
5	5	1	11.604	9.789
5	5	-1	8.238	6.955
5	7	1	12.946	15.338
5	7	-1	29.999	35.569
5	8	1	13.905	23.554
5	8	-1	1.655	2.806
5	11	1	28.160	31.477
5	11	-1	37.794	42.279
5	13	1	15.932	10.921
5	13	-1	9.950	6.825
5	14	1	17.175	15.856
5	14	-1	2.904	2.684
5	15	1	29.522	26.831
5	15	-1	28.755	26.147
5	1	2	9.020	5.277
5	1	-2	26.994	15.798
5	3	2	14.188	13.000
5	3	-2	20.778	19.055
5	4	2	10.667	8.403
5	4	-2	19.469	15.354
5	5	2	5.754	4.132
5	5	-2	17.642	12.685

H	K	L	F(OBS)	F(CALC)
5	7	2	8.153	8.790
5	7	-2	27.862	30.085
5	9	2	3.762	3.690
5	9	-2	19.448	19.109
5	10	2	15.305	6.405
5	10	-2	2.982	1.251
5	11	2	10.716	13.141
5	11	-2	15.009	18.434
5	12	2	8.650	10.009
5	12	-2	17.693	20.511
5	13	2	11.181	8.410
5	13	-2	29.244	22.022
5	0	3	21.252	21.542
5	1	3	217.233	192.020
5	1	-3	102.791	90.905
5	2	3	16.263	14.053
5	2	-3	40.826	35.306
5	3	3	25.713	24.775
5	3	-3	103.996	100.325
5	4	3	40.467	41.726
5	4	-3	61.819	63.848
5	5	3	162.512	145.372
5	5	-3	54.635	48.969
5	6	3	26.842	26.138
5	6	-3	23.263	22.715
5	7	3	45.810	46.737
5	7	-3	99.601	101.854
5	8	3	7.927	7.067
5	8	-3	14.352	12.824
5	9	3	45.840	39.930
5	9	-3	30.588	26.704
5	10	3	42.749	47.792
5	10	-3	26.558	29.795
5	11	3	39.460	35.613
5	11	-3	18.003	16.284
5	12	3	22.220	23.939
5	12	-3	28.433	30.733
5	13	3	0.330	0.350
5	13	-3	33.127	35.192
5	1	4	21.099	18.113
5	1	-4	33.666	28.918
5	2	4	9.947	13.342
5	2	-4	13.174	17.693
5	3	4	28.563	23.004
5	3	-4	5.190	4.187
5	5	4	35.330	37.279
5	5	-4	23.967	25.353
5	6	4	0.304	0.477
5	6	-4	11.722	18.471
5	7	4	17.429	11.306
5	7	-4	13.382	8.706
5	9	4	18.751	32.634
5	9	-4	1.114	1.945

H	K	L	F(OBS)	F(CALC)
5	10	4	11.170	5.529
5	10	-4	16.772	8.347
5	11	4	21.675	24.851
5	11	-4	7.686	8.837
5	14	4	14.127	14.535
5	14	-4	6.348	6.555
5	1	5	15.428	22.380
5	1	-5	4.830	7.012
5	2	5	7.667	8.005
5	2	-5	15.386	16.085
5	3	5	9.475	9.867
5	3	-5	11.368	11.864
5	5	5	35.241	39.480
5	5	-5	9.231	10.373
5	7	5	2.934	2.959
5	7	-5	16.938	17.144
5	8	5	2.388	3.898
5	8	-5	14.605	23.938
5	9	5	40.530	39.707
5	9	-5	20.509	20.165
5	10	5	5.236	6.980
5	10	-5	10.490	14.030
5	11	5	14.998	12.995
5	11	-5	29.154	25.357
5	13	5	42.902	35.311
5	13	-5	32.163	26.555
5	1	6	48.553	47.530
5	1	-6	64.051	62.754
5	2	6	43.648	44.233
5	2	-6	54.161	54.977
5	3	6	80.168	71.468
5	3	-6	60.651	54.210
5	4	6	48.016	47.703
5	4	-6	45.657	45.512
5	5	6	124.948	125.667
5	5	-6	146.751	148.133
5	7	6	30.364	28.381
5	7	-6	37.230	34.934
5	8	6	55.374	56.139
5	8	-6	48.750	49.714
5	9	6	95.955	108.074
5	9	-6	108.911	123.184
5	11	6	66.526	71.703
5	11	-6	63.197	68.411
5	12	6	3.101	1.100
5	12	-6	11.230	3.928
5	13	6	77.283	90.309
5	13	-6	72.865	85.458
5	2	7	12.408	8.339
5	2	-7	13.952	9.395
5	4	7	12.791	10.323
5	4	-7	10.436	8.453
5	5	7	7.757	8.481

H	K	L	F(OBS)	F(CALC)
5	5	-7	22.614	24.828
5	8	7	15.026	22.085
5	8	-7	2.649	3.915
5	9	7	20.777	20.039
5	9	-7	32.523	31.519
5	11	7	11.449	12.452
5	11	-7	23.547	25.742
5	12	7	10.313	7.450
5	12	-7	12.197	8.863
5	13	7	33.177	31.729
5	13	-7	33.156	31.839
5	1	8	15.305	8.900
5	1	-8	16.237	9.453
5	2	8	13.522	15.906
5	2	-8	10.797	12.727
5	5	8	3.094	3.442
5	5	-8	15.751	17.600
5	10	8	16.692	4.387
5	10	-8	12.861	3.425
5	11	8	9.233	8.184
5	11	-8	25.592	22.806
5	0	9	12.880	11.692
5	1	9	120.354	112.652
5	1	-9	195.154	182.876
5	2	9	46.281	39.434
5	2	-9	16.971	14.494
5	3	9	108.921	98.429
5	3	-9	12.458	11.293
5	4	9	49.796	50.844
5	4	-9	31.810	32.635
5	5	9	41.651	41.630
5	5	-9	102.518	102.963
5	6	9	25.814	24.389
5	6	-9	33.565	31.964
5	7	9	78.413	78.671
5	7	-9	1.964	1.982
5	8	9	16.535	10.517
5	8	-9	7.089	4.539
5	9	9	9.969	10.046
5	9	-9	18.406	18.649
5	10	9	31.427	33.840
5	10	-9	36.622	39.822
5	11	9	22.132	26.464
5	11	-9	34.370	41.330
5	12	9	19.118	21.084
5	12	-9	16.365	18.234
5	13	9	4.668	3.096
5	13	-9	18.327	12.246
5	1	10	41.614	31.123
5	1	-10	6.526	4.887
5	3	10	25.199	27.738
5	3	-10	28.475	31.451
5	4	10	17.002	12.801

H	K	L	F(OBS)	F(CALC)
5	4	-10	3.776	2.855
5	5	10	25.737	20.241
5	5	-10	5.933	4.690
5	7	10	27.869	36.405
5	7	-10	15.940	20.954
5	9	10	19.156	21.322
5	9	-10	6.616	7.414
5	10	10	1.910	1.086
5	10	-10	15.360	8.843
5	11	10	25.798	30.647
5	11	-10	1.525	1.822
5	13	10	22.220	18.062
5	13	-10	7.831	6.392
5	1	11	1.010	1.209
5	1	-11	22.974	27.525
5	3	11	29.820	33.224
5	3	-11	0.675	0.755
5	7	11	34.524	37.950
5	7	-11	8.820	9.756
5	11	11	45.383	39.362
5	11	-11	27.700	24.192
5	12	11	13.754	11.281
5	12	-11	8.857	7.317
5	0	12	16.262	4.334
5	1	12	63.617	61.838
5	1	-12	21.552	20.978
5	2	12	56.861	57.180
5	2	-12	55.019	55.499
5	3	12	71.213	72.972
5	3	-12	114.177	117.425
5	4	12	33.166	33.842
5	4	-12	15.095	15.502
5	5	12	39.269	38.407
5	5	-12	56.859	55.943
5	7	12	94.218	100.590
5	7	-12	100.651	108.141
5	8	12	27.134	28.186
5	8	-12	32.941	34.649
5	9	12	4.724	3.139
5	9	-12	15.349	10.260
5	10	12	12.131	9.111
5	10	-12	10.520	7.993
5	11	12	84.834	93.509
5	11	-12	91.184	101.239
5	13	12	27.166	31.679
5	13	-12	12.033	14.117
5	0	13	8.935	7.019
5	1	13	12.608	13.526
5	1	-13	1.901	2.042
5	2	13	9.504	5.946
5	2	-13	8.843	5.549
5	4	13	11.105	11.741
5	4	-13	8.155	8.667

H	K	L	F(OBS)	F(CALC)
5	5	13	8.968	14.869
5	5	-13	11.198	18.673
5	7	13	13.036	12.442
5	7	-13	20.177	19.379
5	11	13	31.003	29.487
5	11	-13	36.252	34.743
5	1	14	9.855	3.364
5	1	-14	8.443	2.886
5	2	14	8.537	14.102
5	2	-14	6.825	11.305
5	4	14	12.977	7.979
5	4	-14	14.823	9.161
5	9	14	3.800	2.749
5	9	-14	18.626	13.589
5	0	15	19.723	20.677
5	1	15	111.930	114.668
5	1	-15	40.313	41.358
5	3	15	20.417	20.868
5	3	-15	60.759	62.316
5	4	15	35.847	34.755
5	4	-15	43.763	42.722
5	5	15	107.822	112.346
5	5	-15	37.924	39.738
5	6	15	14.930	9.947
5	6	-15	18.214	12.381
5	7	15	65.918	65.902
5	7	-15	77.843	78.388
5	9	15	48.964	44.494
5	9	-15	36.863	33.734
5	10	15	25.129	33.977
5	10	-15	13.177	18.082
5	11	15	14.592	12.945
5	11	-15	2.475	2.214
5	12	15	22.190	20.799
5	12	-15	28.158	26.714
5	1	16	10.897	11.622
5	1	-16	32.848	35.082
5	3	16	23.751	28.514
5	3	-16	3.597	4.336
5	5	16	32.552	30.455
5	5	-16	36.865	34.689
5	7	16	22.082	14.109
5	7	-16	12.073	7.766
5	9	16	34.390	35.585
5	9	-16	11.655	12.141
5	10	16	7.536	3.283
5	10	-16	19.545	8.658
5	11	16	15.830	18.738
5	11	-16	9.464	11.286
5	1	17	18.374	26.283
5	1	-17	1.590	2.278
5	2	17	5.008	5.246
5	2	-17	12.711	13.355
5	3	17	2.952	3.327
5	3	-17	16.819	19.030
5	5	17	34.778	36.654
5	5	-17	11.226	11.900
5	9	17	30.685	33.402
5	9	-17	10.181	11.158
5	10	17	6.262	5.051
5	10	-17	11.616	9.415
5	11	17	5.147	6.873
5	11	-17	14.841	19.987
5	1	18	20.572	19.811
5	1	-18	53.930	51.992
5	2	18	23.693	23.811
5	2	-18	42.173	42.560
5	3	18	38.951	38.333
5	3	-18	5.040	4.978
5	4	18	28.360	29.072
5	4	-18	22.512	23.254
5	5	18	70.212	71.644
5	5	-18	108.193	111.062
5	6	18	17.339	9.517
5	6	-18	3.434	1.879
5	7	18	22.327	19.038
5	7	-18	30.500	26.143
5	8	18	32.804	36.059
5	8	-18	21.443	23.906
5	9	18	47.608	51.200
5	9	-18	72.794	78.821
5	2	19	1.634	0.724
5	2	-19	14.596	6.496
5	9	19	14.251	13.705
5	9	-19	17.463	16.908
5	0	20	8.533	8.213
5	4	20	15.898	8.897
5	4	-20	8.673	4.878
5	9	20	12.633	11.897
5	9	-20	5.501	5.224
5	1	21	80.258	80.886
5/	1	-21	103.868	104.805
5	2	21	23.800	22.819
5	2	-21	9.790	9.421
5	3	21	72.306	63.936
5	3	-21	3.793	3.363
5	4	21	20.690	22.435
5	4	-21	16.966	18.567
5	5	21	31.263	31.745
5	5	-21	45.648	46.606
5	6	21	11.801	14.948
5	6	-21	16.317	20.970
5	7	21	38.524	45.556
5	7	-21	18.855	22.453
5	3	22	9.683	17.454
5	3	-22	17.019	30.774

H	K	L	F(OBS)	F(CALC)
5	7	22	25.335	25.041
5	7	-22	21.174	21.069
5	1	23	5.535	6.912
5	1	-23	18.426	23.035
5	3	23	14.442	26.617
5	3	-23	0.683	1.263
5	1	24	44.580	41.564
5	1	-24	4.967	4.637
5	2	24	21.185	24.852
5	2	-24	21.319	25.121
5	3	24	11.615	10.798
5	3	-24	61.876	57.694
5	4	24	17.502	26.157
5	4	-24	4.190	6.308
5	5	24	10.037	9.666
5	5	-24	33.588	32.549
6	0	0	142.887	130.931
6	1	0	93.943	80.459
6	2	0	45.804	41.975
6	3	0	35.500	32.298
6	4	0	191.831	176.979
6	5	0	17.710	9.450
6	6	0	25.518	20.259
6	7	0	32.361	30.993
6	8	0	52.808	58.243
6	9	0	37.110	36.584
6	13	0	33.246	43.165
6	1	1	12.080	16.940
6	1	-1	9.128	12.802
6	4	1	8.974	10.385
6	4	-1	23.261	26.926
6	6	1	0.556	0.308
6	6	-1	18.093	10.037
6	8	1	10.774	9.122
6	8	-1	14.546	12.323
6	9	1	8.400	8.345
6	9	-1	15.518	15.428
6	10	1	8.551	4.188
6	10	-1	11.512	5.640
6	11	1	11.796	13.010
6	11	-1	7.547	8.329
6	13	1	3.198	1.410
6	13	-1	19.781	8.729
6	1	2	9.132	7.637
6	1	-2	14.966	12.518
6	2	2	19.605	18.320
6	2	-2	22.024	20.589
6	3	2	0.290	0.236
6	3	-2	20.945	17.081
6	4	2	4.334	4.163
6	4	-2	14.745	14.176
6	5	2	4.170	5.387
6	5	-2	18.665	24.131

H	K	L	F(OBS)	F(CALC)
6	6	2	16.554	19.010
6	6	-2	19.697	22.641
6	7	2	4.814	6.358
6	7	-2	13.753	18.182
6	8	2	21.443	26.756
6	8	-2	1.779	2.222
6	10	2	24.049	21.462
6	10	-2	40.137	35.858
6	11	2	3.108	2.504
6	11	-2	26.227	21.161
6	12	2	13.640	18.277
6	12	-2	1.930	2.588
6	13	2	3.522	3.516
6	13	-2	12.491	12.480
6	0	3	21.091	20.116
6	1	3	65.677	56.920
6	1	-3	60.774	52.691
6	2	3	35.458	33.747
6	2	-3	142.748	135.948
6	3	3	20.065	15.072
6	3	-3	10.520	7.910
6	4	3	53.171	49.537
6	4	-3	29.247	27.277
6	5	3	60.834	58.641
6	5	-3	66.240	63.961
6	6	3	34.723	36.598
6	6	-3	82.349	86.913
6	7	3	8.249	5.446
6	7	-3	15.337	10.159
6	8	3	134.193	136.157
6	8	-3	63.500	64.554
6	9	3	10.557	7.087
6	9	-3	17.953	12.103
6	10	3	31.716	36.559
6	10	-3	76.818	88.684
6	11	3	43.679	47.334
6	11	-3	35.970	39.081
6	12	3	54.870	57.934
6	12	-3	27.964	29.556
6	13	3	13.938	13.556
6	13	-3	14.394	14.017
6	0	4	22.943	14.927
6	2	4	34.057	22.306
6	2	-4	8.806	5.772
6	3	4	13.433	11.470
6	3	-4	3.052	2.609
6	4	4	20.265	20.132
6	4	-4	17.813	17.722
6	5	4	15.940	21.237
6	5	-4	3.831	5.114
6	8	4	34.051	38.598
6	8	-4	27.054	30.741
6	11	4	18.872	22.377

H	K	L	F(OBS)	F(CALC)
6	11	-4	3.757	4.467
6	12	4	29.692	32.473
6	12	-4	15.191	16.642
6	2	5	22.490	18.189
6	2	-5	10.223	8.276
6	3	5	11.132	18.546
6	3	-5	6.217	10.372
6	4	5	3.140	3.169
6	4	-5	13.763	13.915
6	5	5	10.439	12.362
6	5	-5	5.342	6.340
6	6	5	15.787	16.427
6	6	-5	2.195	2.289
6	7	5	6.706	3.083
6	7	-5	23.190	10.693
6	8	5	29.862	22.042
6	8	-5	3.396	2.514
6	10	5	24.013	18.289
6	10	-5	17.308	13.229
6	12	5	33.874	33.027
6	12	-5	17.028	16.651
6	0	6	26.646	14.906
6	1	6	28.009	27.432
6	1	-6	25.038	24.541
6	2	6	155.675	150.431
6	2	-6	162.705	157.413
6	3	6	44.582	39.021
6	3	-6	44.773	39.279
6	4	6	58.213	59.098
6	4	-6	54.590	55.558
6	5	6	27.810	28.416
6	5	-6	30.567	31.316
6	6	6	72.504	76.139
6	6	-6	62.874	66.177
6	7	6	72.864	73.322
6	7	-6	70.568	71.271
6	8	6	19.430	20.217
6	8	-6	39.922	41.667
6	9	6	11.378	11.489
6	9	-6	18.785	19.103
6	10	6	81.636	89.719
6	10	-6	66.886	73.790
6	11	6	23.766	24.585
6	11	-6	28.651	29.753
6	12	6	37.348	43.699
6	12	-6	55.685	65.397
6	1	7	10.312	12.710
6	1	-7	9.806	12.094
6	2	7	1.341	0.842
6	2	-7	22.045	13.857
6	3	7	10.294	13.882
6	3	-7	14.473	19.559
6	4	7	0.724	0.764

H	K	L	F(OBS)	F(CALC)
6	4	-7	16.150	17.078
6	6	7	10.296	10.427
6	6	-7	12.901	13.098
6	7	7	16.510	9.070
6	7	-7	5.920	3.267
6	8	7	8.024	3.983
6	8	-7	11.198	5.578
6	10	7	27.759	26.529
6	10	-7	17.244	16.553
6	12	7	11.423	11.996
6	12	-7	24.315	25.642
6	0	8	12.075	12.862
6	2	8	15.471	8.771
6	2	-8	3.326	1.889
6	3	8	1.096	1.484
6	3	-8	12.018	16.310
6	4	8	10.519	13.869
6	4	-8	12.573	16.620
6	5	8	3.493	5.580
6	5	-8	17.064	27.352
6	6	8	16.379	18.513
6	6	-8	0.675	0.765
6	8	8	24.218	20.548
6	8	-8	40.030	34.117
6	10	8	18.466	24.980
6	10	-8	2.746	3.729
6	11	8	2.053	2.503
6	11	-8	16.497	20.221
6	12	8	15.118	11.093
6	12	-8	31.394	23.099
6	0	9	41.699	41.262
6	1	9	40.758	39.331
6	1	-9	36.228	34.998
6	2	9	104.091	101.244
6	2	-9	44.399	43.262
6	3	9	8.187	5.544
6	3	-9	23.071	15.644
6	4	9	32.802	32.485
6	4	-9	57.420	57.022
6	5	9	70.273	69.298
6	5	-9	70.119	69.445
6	6	9	67.014	63.708
6	6	-9	42.050	40.106
6	7	9	11.775	11.790
6	7	-9	10.743	10.842
6	8	9	57.438	62.092
6	8	-9	122.803	133.420
6	9	9	26.463	26.920
6	9	-9	19.751	20.233
6	10	9	72.573	75.520
6	10	-9	26.603	27.793
6	11	9	16.757	21.725
6	11	-9	22.850	29.884

H	K	L	F(OBS)	F(CALC)
6	12	9	29.031	34.678
6	12	-9	47.246	56.597
6	0	10	17.630	21.018
6	1	10	18.187	9.653
6	1	-10	2.273	1.208
6	2	10	19.176	16.361
6	2	-10	27.015	23.089
6	3	10	14.462	12.212
6	3	-10	3.646	3.086
6	4	10	32.122	29.546
6	4	-10	8.996	8.301
6	6	10	20.038	21.230
6	6	-10	23.457	24.947
6	8	10	15.741	17.661
6	8	-10	18.762	21.156
6	10	10	28.749	36.029
6	10	-10	22.373	28.161
6	0	11	13.202	16.979
6	1	11	10.184	15.480
6	1	-11	8.935	13.594
6	4	11	24.757	22.717
6	4	-11	1.731	1.594
6	6	11	19.387	18.426
6	6	-11	1.775	1.696
6	7	11	11.339	7.397
6	7	-11	3.015	1.973
6	8	11	16.447	9.990
6	8	-11	6.395	3.901
6	10	11	15.346	16.836
6	10	-11	4.331	4.770
6	0	12	97.003	101.338
6	1	12	64.141	59.060
6	1	-12	57.388	52.899
6	2	12	44.717	46.344
6	2	-12	23.081	23.971
6	3	12	22.795	21.046
6	3	-12	34.732	32.214
6	4	12	151.012	153.221
6	4	-12	121.594	123.825
6	6	12	5.359	5.076
6	6	-12	33.745	32.172
6	7	12	38.324	37.349
6	7	-12	25.041	24.606
6	8	12	42.731	47.095
6	8	-12	40.142	44.464
6	9	12	19.221	21.855
6	9	-12	27.941	32.053
6	10	12	17.110	15.499
6	10	-12	5.448	4.985
6	11	12	10.590	9.364
6	11	-12	7.315	6.537
6	0	13	11.432	5.163
6	1	13	12.586	11.149
6	1	-13	7.566	6.708
6	3	13	8.674	10.814
6	3	-13	14.843	18.564
6	4	13	20.550	15.831
6	4	-13	25.989	20.096
6	5	13	5.242	4.012
6	5	-13	14.084	10.821
6	7	13	13.793	4.440
6	7	-13	5.746	1.866
6	8	13	22.520	17.674
6	8	-13	6.940	5.475
6	9	13	1.367	1.170
6	9	-13	13.134	11.339
6	2	14	10.748	12.336
6	2	-14	13.561	15.596
6	4	14	14.594	18.205
6	4	-14	2.456	3.074
6	6	14	11.095	14.868
6	6	-14	11.286	15.187
6	8	14	22.494	25.404
6	8	-14	9.069	10.309
6	10	14	13.068	15.177
6	10	-14	19.744	23.048
6	0	15	9.257	0.969
6	1	15	50.755	48.100
6	1	-15	47.897	45.452
6	2	15	19.435	18.847
6	2	-15	111.244	108.112
6	3	15	33.442	31.233
6	3	-15	15.833	14.833
6	4	15	27.789	22.250
6	4	-15	12.376	9.934
6	5	15	23.281	27.461
6	5	-15	32.182	38.245
6	6	15	17.125	18.129
6	6	-15	75.738	80.505
6	8	15	76.065	87.752
6	8	-15	42.215	49.046
6	0	16	20.125	15.051
6	1	16	12.533	12.243
6	1	-16	1.621	1.585
6	2	16	38.257	30.287
6	2	-16	15.317	12.148
6	3	16	10.049	6.070
6	3	-16	6.892	4.176
6	4	16	17.245	16.851
6	4	-16	19.549	19.163
6	8	16	22.030	25.199
6	8	-16	30.996	35.686
6	2	17	28.866	14.323
6	2	-17	24.223	12.042
6	8	17	22.853	22.412
6	8	-17	5.749	5.672

H	K	L	F(OBS)	F(CALC)
6	0	18	18.193	15.151
6	1	18	31.671	30.030
6	1	-18	23.614	22.425
6	2	18	88.022	90.908
6	2	-18	98.750	102.195
6	3	18	20.175	20.977
6	3	-18	24.379	25.493
6	4	18	46.521	46.825
6	4	-18	36.056	36.465
6	5	18	9.050	9.483
6	5	-18	12.136	12.785
6	6	18	53.242	56.945
6	6	-18	33.145	35.552
6	7	18	37.901	40.958
6	7	-18	33.101	36.069
6	7	19	10.842	3.132
6	7	-19	11.271	3.298
6	2	20	18.854	15.194
6	2	-20	17.675	14.272
6	3	20	4.504	4.446
6	3	-20	15.407	15.248
6	0	21	44.678	42.575
6	1	21	21.176	22.841
6	1	-21	10.857	11.735
6	2	21	43.616	45.889
6	2	-21	35.326	37.263
6	3	21	5.345	5.224
6	3	-21	24.473	23.953
6	4	21	27.752	22.770
6	4	-21	48.091	39.575
6	0	22	15.295	18.937
7	1	0	78.568	74.429
7	2	0	31.314	30.446
7	3	0	56.592	57.824
7	4	0	9.338	5.203
7	5	0	11.833	21.128
7	6	0	9.821	8.201
7	7	0	87.826	96.850
7	8	0	39.364	40.169
7	9	0	33.568	32.406
7	0	1	7.809	8.447
7	3	1	0.420	0.375
7	3	-1	15.363	13.734
7	7	1	7.714	9.024
7	7	-1	23.229	27.184
7	1	2	1.338	0.904
7	1	-2	23.756	16.056
7	3	2	14.598	10.223
7	3	-2	18.500	12.961
7	4	2	12.879	14.796
7	4	-2	7.744	8.901
7	5	2	9.924	6.008
7	5	-2	15.410	9.335

H	K	L	F(OBS)	F(CALC)
7	7	2	9.583	9.754
7	7	-2	22.892	23.323
7	0	3	35.179	27.320
7	1	3	146.396	146.336
7	1	-3	73.272	73.261
7	2	3	51.040	46.728
7	2	-3	29.540	27.057
7	3	3	18.259	16.588
7	3	-3	83.528	75.911
7	4	3	48.550	48.599
7	4	-3	21.950	21.994
7	5	3	101.388	98.224
7	5	-3	30.500	29.577
7	6	3	17.535	14.576
7	6	-3	25.932	21.597
7	7	3	21.468	25.207
7	7	-3	69.501	81.737
7	8	3	7.179	6.734
7	8	-3	16.865	15.834
7	9	3	17.968	18.150
7	9	-3	30.925	31.286
7	10	3	4.207	4.585
7	10	-3	20.749	22.667
7	1	4	8.452	8.367
7	1	-4	24.421	24.182
7	3	4	18.202	17.360
7	3	-4	2.974	2.839
7	4	4	12.008	11.067
7	4	-4	11.655	10.751
7	5	4	20.072	25.029
7	5	-4	14.980	18.701
7	6	4	5.251	6.293
7	6	-4	12.736	15.287
7	7	4	17.489	13.490
7	7	-4	7.473	5.772
7	0	5	15.134	7.586
7	1	5	20.678	16.729
7	1	-5	1.314	1.064
7	3	5	1.291	0.903
7	3	-5	15.086	10.561
7	5	5	35.491	35.960
7	5	-5	9.622	9.766
7	6	5	5.230	6.193
7	6	-5	16.136	19.137
7	8	5	2.045	2.658
7	8	-5	19.588	25.509
7	9	5	30.155	27.332
7	9	-5	13.989	12.698
7	10	5	4.309	6.300
7	10	-5	13.203	19.340
7	0	6	8.614	2.755
7	1	6	43.818	38.592
7	1	-6	64.372	56.705

H	K	L	F(OBS)	F(CALC)
7	2	6	23.233	23.778
7	2	-6	22.974	23.544
7	3	6	7.721	3.222
7	3	-6	21.167	8.836
7	5	6	113.650	128.221
7	5	-6	126.077	142.547
7	6	6	35.410	20.838
7	6	-6	12.903	7.613
7	7	6	6.600	2.735
7	7	-6	16.376	6.762
7	8	6	32.332	36.401
7	8	-6	40.319	45.542
7	9	6	59.888	68.858
7	9	-6	62.920	72.463
7	0	7	12.558	3.770
7	2	7	13.223	15.019
7	2	-7	5.849	6.650
7	5	7	7.992	8.950
7	5	-7	23.376	26.245
7	9	7	12.006	15.009
7	9	-7	17.717	22.190
7	1	8	11.996	9.000
7	1	-8	1.311	0.985
7	2	8	10.121	14.749
7	2	-8	10.484	15.294
7	5	8	4.642	4.674
7	5	-8	12.607	12.721
7	9	8	12.497	11.405
7	9	-8	7.247	6.635
7	0	9	23.426	22.294
7	1	9	47.064	52.051
7	1	-9	104.533	115.684
7	2	9	28.242	28.692
7	2	-9	43.557	44.304
7	3	9	78.418	69.479
7	3	-9	7.497	6.648
7	4	9	26.909	25.044
7	4	-9	38.411	35.852
7	5	9	50.450	53.705
7	5	-9	87.474	93.348
7	6	9	17.862	17.344
7	6	-9	19.763	19.287
7	7	9	92.453	95.106
7	7	-9	21.171	21.867
7	8	9	13.201	13.161
7	8	-9	0.368	0.368
7	9	9	6.670	7.549
7	9	-9	15.183	17.200
7	1	10	38.078	28.728
7	1	-10	4.687	3.538
7	3	10	17.846	17.442
7	3	-10	21.874	21.410
7	5	10	19.598	16.131
7	5	-10	7.067	5.832
7	6	10	4.824	4.607
7	6	-10	13.147	12.602
7	7	10	29.412	32.202
7	7	-10	21.315	23.425
7	9	10	18.444	16.548
7	9	-10	7.555	6.812
7	1	11	4.839	3.286
7	1	-11	23.412	15.908
7	3	11	20.370	23.213
7	3	-11	0.556	0.634
7	5	11	5.217	7.472
7	5	-11	11.383	16.363
7	6	11	3.313	3.597
7	6	-11	12.548	13.669
7	7	11	32.025	32.799
7	7	-11	7.533	7.739
7	0	12	18.032	14.582
7	1	12	66.472	69.301
7	1	-12	38.562	40.241
7	2	12	11.408	13.351
7	2	-12	27.308	32.028
7	3	12	37.256	40.627
7	3	-12	57.255	62.537
7	5	12	13.000	16.828
7	5	-12	21.127	27.548
7	6	12	4.878	3.473
7	6	-12	17.896	12.807
7	7	12	62.131	67.689
7	7	-12	81.620	89.168
7	8	12	38.197	36.901
7	8	-12	31.169	30.289
7	0	13	8.532	2.812
7	7	13	11.288	9.130
7	7	-13	19.903	16.143
7	4	14	13.603	14.303
7	4	-14	5.538	5.839
7	0	15	25.840	22.092
7	1	15	116.728	119.361
7	1	-15	63.449	64.934
7	2	15	28.015	28.133
7	2	-15	22.021	22.151
7	3	15	25.434	24.001
7	3	-15	58.723	55.441
7	4	15	36.271	36.032
7	4	-15	16.786	16.739
7	5	15	69.892	72.825
7	5	-15	1.061	1.109
7	6	15	9.746	7.948
7	6	-15	20.939	17.207
7	1	16	6.229	6.811
7	1	-16	29.402	32.170
7	3	16	21.565	21.957

H	K	L	F(OBS)	F(CALC)
7	3	-16	1.700	1.734
7	5	16	24.112	23.545
7	5	-16	27.462	26.902
7	0	17	12.880	8.859
7	1	17	17.086	23.540
7	1	-17	1.891	2.607
7	3	17	1.577	2.236
7	3	-17	11.735	16.671
7	1	18	9.225	9.099
7	1	-18	45.410	44.800
8	0	0	68.586	69.068
8	1	0	10.224	3.429
8	2	0	41.618	45.133
8	3	0	32.522	23.845
8	4	0	115.678	129.973
8	5	0	24.311	19.852
8	6	0	23.103	23.611
8	7	0	22.620	23.796
8	1	1	11.083	15.781
8	1	-1	10.648	15.163
8	2	1	3.183	1.765
8	2	-1	12.934	7.174
8	3	1	6.525	10.473
8	3	-1	10.689	17.158
8	4	1	2.158	2.067
8	4	-1	23.009	22.044
8	0	2	12.639	6.354
8	1	2	5.685	6.970
8	1	-2	10.645	13.052
8	2	2	19.143	18.641
8	2	-2	11.684	11.380
8	6	2	15.113	14.459
8	6	-2	20.963	20.064
8	0	3	40.412	38.990
8	1	3	12.252	5.024
8	1	-3	17.686	7.253
8	2	3	21.913	26.258
8	2	-3	68.290	81.866
8	3	3	23.750	17.172
8	3	-3	23.422	16.940
8	4	3	56.200	48.524
8	4	-3	2.073	1.790
8	5	3	14.276	13.542
8	5	-3	7.826	7.431
8	6	3	4.150	4.728
8	6	-3	64.187	73.162
8	0	4	22.701	14.408
8	1	4	12.619	12.586
8	1	-4	3.892	3.882
8	2	4	14.716	15.772
8	2	-4	1.569	1.683
8	3	4	14.853	17.351
8	3	-4	5.120	5.984
8	4	4	16.437	15.340
8	4	-4	16.405	15.320
8	6	4	24.091	18.219
8	6	-4	8.001	6.057
8	2	5	24.822	16.904
8	2	-5	9.672	6.590
8	3	5	11.691	17.593
8	3	-5	7.498	11.290
8	4	5	13.119	0.998
8	4	-5	6.645	0.505
8	0	6	13.604	7.757
8	1	6	27.456	25.337
8	1	-6	30.428	28.089
8	2	6	130.471	141.202
8	2	-6	120.491	130.480
8	3	6	30.256	24.709
8	3	-6	32.183	26.296
8	4	6	46.608	50.441
8	4	-6	28.753	31.174
8	6	6	39.878	47.084
8	6	-6	32.335	38.184
8	2	7	1.311	0.764
8	2	-7	26.607	15.505
8	0	8	8.372	11.920
8	1	8	6.455	7.801
8	1	-8	11.781	14.242
8	4	8	13.333	12.281
8	4	-8	12.410	11.442
8	5	8	0.157	0.242
8	5	-8	12.636	19.499
8	0	9	47.092	45.521
8	1	9	15.460	5.094
8	1	-9	9.416	3.105
8	2	9	48.030	55.999
8	2	-9	25.102	29.309
8	4	9	11.048	12.034
8	4	-9	48.147	52.487
8	0	10	17.388	17.532
8	2	10	10.007	10.947
8	2	-10	20.454	22.398
8	4	10	23.357	22.175
8	4	-10	3.903	3.712
8	0	11	12.236	12.024
8	0	12	56.028	59.659

DATA READ END