

Structure and stability of neutral Al-Mg nanoclusters up to 55 atoms

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Supplementary Information

In this supplementary information, the putative global minima for each composition of Al_xMg_y neutral cluster are given using Cartesian coordinates (in angstroms).

*In **Part I**, the results come from a genetic algorithm exploration of the Gupta empirical potential, and **Part II** gives the results after DFT re-optimizations. Only the lowest isomers are reported in each case, and thus the geometries given in Part II, may not necessarily be the result of an optimization of the corresponding cluster from Part I.*

Part I

Structures obtained at the GA/Gupta level

2			
Al0Mg2			
Mg	1.452757	0.836027	-0.010701
Mg	-1.452757	-0.836027	0.010701
2			
Al1Mg1			
Al	-0.360395	-0.766127	1.172494
Mg	0.360395	0.766127	-1.172494
2			
Al2Mg0			
Al	-0.419335	-0.243332	-1.056502
Al	0.419335	0.243332	1.056502
3			
Al0Mg3			
Mg	1.527245	-0.565457	-1.126866
Mg	-0.706653	1.844512	-0.143052
Mg	-0.820592	-1.279055	1.269919
3			
Al1Mg2			
Al	0.487234	-0.791848	1.187817
Mg	-1.896474	0.662713	0.261934
Mg	1.409239	0.129135	-1.449751
3			
Al2Mg1			
Al	-0.097754	1.233478	0.870533
Al	1.225902	-0.685807	0.561859
Mg	-1.128148	-0.547671	-1.432392
3			
Al3Mg0			
Al	-0.572105	-1.223351	-0.488823
Al	-0.311961	0.459788	1.324431
Al	0.884065	0.763564	-0.835607
4			
Al0Mg4			
Mg	1.189398	-0.044927	-1.764519
Mg	-2.050484	-0.234351	-0.520392
Mg	0.271802	1.863638	0.991560
Mg	0.589284	-1.584361	1.293352
4			
Al1Mg3			
Al	0.337392	1.292499	-0.722208
Mg	1.142916	-1.532943	-1.145181
Mg	-2.215663	-0.130169	-0.203724
Mg	0.735354	0.370613	2.071113
4			
Al2Mg2			
Al	-1.514149	-0.170865	0.466826
Al	0.414144	-1.529689	0.168235
Mg	0.031156	0.511068	-2.124561
Mg	1.068848	1.189485	1.489499
4			
Al3Mg1			
Al	-1.117116	-1.049857	0.479907
Al	-0.839849	0.989659	-0.946408
Al	0.846719	-0.857776	-1.061954
Mg	1.110245	0.917974	1.528454
4			
Al4Mg0			
Al	-0.935881	-0.076511	1.272816
Al	-0.890227	0.077552	-1.305093
Al	0.912427	1.288636	0.093171
Al	0.913681	-1.289676	-0.060894
5			
Al0Mg5			
Mg	1.166990	-0.666802	-1.522505
Mg	-2.309553	-0.834817	-1.404638
Mg	-0.685859	1.911553	-0.008381
Mg	2.309553	0.834820	1.404638
Mg	-0.481132	-1.244754	1.530886
5			
Al1Mg4			
Al	-0.028373	0.307610	-1.212035
Mg	2.807193	-0.412254	-0.628223
Mg	-2.827290	0.630503	-0.231593

Mg	-0.338670	-2.054114	0.589810
Mg	0.387141	1.528255	1.482041
5			
Al2Mg3			
Al	-0.836874	-0.736896	-0.824573
Al	0.921668	-0.645474	0.810673
Mg	-1.901886	-0.527383	2.074770
Mg	-0.132432	2.159060	0.021711
Mg	1.949524	-0.249308	-2.082582
5			
Al3Mg2			
Al	-0.122435	0.972221	-1.075835
Al	0.366692	-1.375748	-0.300803
Al	-0.244257	0.403526	1.376636
Mg	-2.703650	-0.657911	-0.286859
Mg	2.703650	0.657911	0.286860
5			
Al4Mg1			
Al	-0.859707	0.450075	-1.153630
Al	1.508118	1.430803	-0.826437
Al	1.060830	-1.044587	-0.236650
Al	0.070842	0.852535	1.241246
Mg	-1.780083	-1.688826	0.975471
5			
Al5Mg0			
Al	-0.034159	0.818451	-1.309782
Al	0.564565	-1.701114	-1.077710
Al	-1.270790	-0.730670	0.487617
Al	1.304949	-0.087782	0.822166
Al	-0.564566	1.701115	1.077709
6			
Al0Mg6			
Mg	-0.447143	1.847985	-1.581350
Mg	1.789759	-0.838751	-1.486245
Mg	-1.646962	-1.413193	-1.185776
Mg	1.646963	1.413193	1.185775
Mg	-1.789759	0.838750	1.486245
Mg	0.447142	-1.847984	1.581351
6			
Al1Mg5			
Al	-0.737685	0.583367	0.261350
Mg	0.698625	1.567160	-2.175743
Mg	-2.227446	-0.860904	-1.894338
Mg	1.087035	-1.704903	-0.414851
Mg	1.879072	1.440412	1.439613
Mg	-0.699601	-1.025132	2.783970
6			
Al2Mg4			
Al	0.458552	-0.543519	-0.985131
Al	-0.458559	0.543634	0.985066
Mg	0.399473	2.543253	-1.217425
Mg	-2.606653	-0.135345	-1.138681
Mg	2.606586	0.135123	1.138796
Mg	-0.399399	-2.543146	1.217376
6			
Al3Mg3			
Al	-1.363337	0.413446	1.427340
Al	-0.822331	0.011288	-1.003340
Al	0.920183	-0.451706	0.795141
Mg	-1.345051	-2.638533	0.623952
Mg	0.504258	2.622810	0.186649
Mg	2.106279	0.042696	-2.029742
6			
Al4Mg2			
Al	-1.276787	-0.263250	-0.309454
Al	-0.276774	0.911723	1.784010
Al	0.079117	1.941662	-0.560555
Al	1.312628	-0.254131	0.087614
Mg	-0.289941	-2.241218	1.942275
Mg	0.451757	-0.094786	-2.943891
6			
Al5Mg1			
Al	0.293412	0.536339	-1.712646
Al	0.555796	-1.846684	-0.623665

Al	-1.692868	-0.487571	-0.450955
Al	1.758009	0.271132	0.377855
Al	-0.228274	-0.752780	1.639547
Mg	-0.686075	2.279564	0.769864
6			
Al6Mg0			
Al	-1.152431	-1.253321	0.767811
Al	-1.088983	0.072790	-1.515674
Al	-0.987149	1.382872	0.775660
Al	0.987149	-1.382872	-0.775661
Al	1.088982	-0.072790	1.515673
Al	1.152433	1.253321	-0.767809
7			
Al0Mg7			
Mg	1.252889	-1.978102	-1.853143
Mg	-2.166457	-1.206940	-1.663286
Mg	0.228545	1.323017	-1.257713
Mg	2.940785	-0.015597	0.517984
Mg	-2.591831	1.232175	0.825176
Mg	-0.228545	-1.323018	1.257712
Mg	0.564615	1.968466	2.173271
7			
Al1Mg6			
Al	0.542318	0.314670	0.052878
Mg	-2.249986	0.796230	1.061226
Mg	-1.153760	-0.531331	-2.282339
Mg	-0.350492	-2.443050	0.855073
Mg	-0.147466	2.942592	-1.216740
Mg	0.938627	0.357867	3.025214
Mg	2.420759	-1.436978	-1.495313
7			
Al2Mg5			
Al	-0.502281	-0.355031	-1.042086
Al	0.502282	0.355032	1.042087
Mg	0.712762	2.546209	-1.211050
Mg	2.643601	-0.275031	-1.180499
Mg	-2.203070	1.848686	0.432070
Mg	0.921068	-2.716190	0.481451
Mg	-2.074361	-1.403675	1.478028
7			
Al3Mg4			
Al	0.788832	-0.893145	-1.319975
Al	-0.387744	1.331345	-1.113324
Al	-0.628575	-0.401106	0.738974
Mg	-2.319640	-1.055920	-1.840733
Mg	2.173965	1.083605	0.712926
Mg	1.536068	-2.583812	1.174047
Mg	-1.162906	2.519033	1.648085
7			
Al4Mg3			
Al	-1.592567	0.682128	0.522227
Al	-0.660301	-0.462330	-1.620046
Al	0.555189	1.607789	-0.617312
Al	0.637165	-0.685915	0.643702
Mg	-1.971337	-2.451403	0.451735
Mg	0.549270	1.841518	2.531153
Mg	2.482579	-0.531788	-1.911460
7			
Al5Mg2			
Al	-0.634185	1.509362	-0.908535
Al	1.464720	-0.060350	-0.889465
Al	-0.726349	-0.930368	0.262022
Al	-1.887810	1.117322	1.340229
Al	0.716304	1.089375	1.343866
Mg	-0.849569	-0.932499	-2.881068
Mg	1.916889	-1.792841	1.732951
7			
Al6Mg1			
Al	-1.948232	-0.915854	0.574439
Al	-1.606374	1.201306	-0.969961
Al	-0.899646	1.294112	1.574900
Al	-0.106016	-0.943549	-1.316948
Al	0.605111	-0.850166	1.243757
Al	0.949102	1.280167	-0.310259

Mg	3.006054	-1.066017	-0.795928
7			
Al7Mg0			
Al	-1.626870	-1.418616	0.603125
Al	-1.169904	0.952220	1.657569
Al	-0.898809	0.611659	-0.985758
Al	0.164444	-1.828974	-1.284818
Al	0.898810	-0.611661	0.985756
Al	0.903824	2.007124	0.421306
Al	1.728505	0.288248	-1.397181

8			
Al0Mg8			
Mg	-2.015384	-0.025328	-2.566066
Mg	-1.953476	1.108498	0.746528
Mg	-0.956398	-2.165031	0.009159
Mg	-0.249619	-0.797063	3.154285
Mg	-0.094163	2.780499	-1.705012
Mg	1.398059	-0.383101	-1.871043
Mg	1.511810	1.439633	1.115357
Mg	2.359171	-1.958107	1.116792

8			
Al1Mg7			
Al	-0.135281	0.067876	-0.059553
Mg	-2.637280	1.324139	-1.160594
Mg	-2.270072	-1.822984	0.895525
Mg	-0.115711	2.776171	1.247942
Mg	0.392840	0.048438	-3.020221
Mg	0.803141	-0.585445	2.726391
Mg	1.180413	-2.613233	-0.446142
Mg	2.781950	0.805038	-0.183347

8			
Al2Mg6			
Al	0.508457	0.556771	-0.433210
Al	-1.109095	-1.193898	0.019132
Mg	-0.704505	-0.690326	-3.062808
Mg	1.607574	-2.310015	-1.130009
Mg	-2.445576	1.456458	-1.046673
Mg	2.152406	2.284522	1.423345
Mg	1.250588	-1.218221	2.089305
Mg	-1.259850	1.114709	2.140917

8			
Al3Mg5			
Al	-0.137525	1.392419	-0.619597
Al	0.166712	-1.102025	-1.048534
Al	1.065408	-0.058677	1.096838
Mg	-2.194926	0.180258	-2.605162
Mg	-2.076731	-0.439644	1.083804
Mg	-0.155336	2.547991	2.262928
Mg	0.534935	-3.112554	1.289583
Mg	2.797464	0.592232	-1.459861

8			
Al4Mg4			
Al	0.094561	-1.141512	-1.122520
Al	0.081795	1.442451	-0.696201
Al	-1.391676	-0.136432	0.785283
Al	1.215316	-0.164500	1.033434
Mg	-2.505518	0.339127	-2.130537
Mg	2.869100	0.281276	-1.618932
Mg	-0.168640	-2.973770	1.435281
Mg	-0.194938	2.353362	2.314193

8			
Al5Mg3			
Al	-0.938868	0.716642	-0.953499
Al	0.713722	-1.321158	-0.732741
Al	1.222610	1.012987	0.520444
Al	-0.813944	-0.548545	1.352167
Al	1.661010	-1.267788	1.686877
Mg	1.773265	0.997826	-2.578624
Mg	-2.320347	-2.140801	-0.906849
Mg	-1.297449	2.550837	1.612224

8			
Al6Mg2			
Al	-0.700759	0.388411	-1.868228

Al	1.366295	-1.246696	-1.659729
Al	1.683676	1.342440	-1.240483
Al	-0.547074	-1.326652	0.154122
Al	-0.224794	1.302421	0.579835
Al	1.842821	-0.352562	0.782236
Mg	-3.199216	0.380126	0.074426
Mg	-0.220950	-0.487486	3.177821

8

Al7Mg1			
Al	-0.174263	-1.021777	-1.708518
Al	-0.084985	1.579424	-1.221323
Al	1.815836	-0.020441	-0.223633
Al	0.559079	-2.281776	0.486826
Al	-0.961618	-0.099399	0.706954
Al	0.702936	1.909088	1.271752
Al	1.137077	-0.474182	2.323358
Mg	-2.994062	0.409063	-1.635416

8

Al8Mg0			
Al	0.533555	-1.483777	-1.901292
Al	-0.800961	0.780436	-1.426557
Al	1.686990	0.451307	-0.485848
Al	-1.181666	-1.368438	0.129262
Al	0.144744	2.426735	0.437255
Al	1.373051	-1.976589	0.555885
Al	-2.051352	1.033628	0.908153
Al	0.295638	0.136697	1.783141

9

Al0Mg9			
Mg	-2.183777	0.888509	-0.941403
Mg	-1.994937	1.651529	2.469551
Mg	-1.882344	-1.723615	1.418101
Mg	-0.206254	-1.885123	-1.687694
Mg	-0.194154	3.571751	0.104620
Mg	0.897116	0.374086	0.986856
Mg	1.008897	1.359395	-2.378910
Mg	1.377330	-3.078378	1.196902
Mg	3.178124	-1.158154	-1.168023

9

Al1Mg8			
Al	-0.000004	-0.000006	-0.000008
Mg	-0.082154	2.055263	-2.222459
Mg	1.979293	-0.969559	-2.076659
Mg	-2.909071	0.196222	-0.817904
Mg	-0.847535	-2.828522	-0.671839
Mg	2.463812	1.701104	0.453873
Mg	-0.992852	2.525417	1.344097
Mg	1.922611	-1.752081	1.550449
Mg	-1.534101	-0.927839	2.440451

9

Al2Mg7			
Al	-1.158145	-0.847395	-1.316649
Al	0.394503	0.312636	0.148532
Mg	-2.515762	0.034835	1.378012
Mg	-1.753197	2.242027	-1.127184
Mg	-0.350643	-2.596922	1.167239
Mg	0.082326	2.524525	2.181668
Mg	0.886281	0.960876	-2.894028
Mg	1.760149	-2.028443	-1.469152
Mg	2.654488	-0.602139	1.931562

9

Al3Mg6			
Al	0.469411	0.434050	-1.217836
Al	1.285908	-0.814855	0.870469
Al	-0.925141	0.488314	0.893031
Mg	2.557201	-1.793208	-1.788996
Mg	-2.628900	0.353415	-1.745864
Mg	-0.939042	3.197150	-0.702626
Mg	-0.941320	-2.405330	-0.560053
Mg	1.805047	2.207472	1.135819
Mg	-0.683164	-1.667008	3.116055

9

Al4Mg5			
Al	-0.671852	0.244890	1.218673

Al	-0.278337	0.302929	-1.351769
Al	0.524130	-1.789439	0.039839
Al	1.785589	0.457807	0.283695
Mg	-2.928756	1.688524	-0.410244
Mg	-2.539135	-1.785009	-0.429036
Mg	0.216509	3.124086	0.103692
Mg	1.532908	-1.182805	2.970433
Mg	2.358944	-1.060982	-2.425284

9

Al5Mg4

Al	1.483740	0.547599	-0.885104
Al	-0.606850	-1.069502	-0.786487
Al	-0.552712	1.163872	0.685977
Al	1.143240	-0.872671	1.281560
Al	-1.390709	-1.100546	1.720400
Mg	-1.016726	1.625993	-2.428894
Mg	2.143383	-2.544641	-1.189833
Mg	-3.457411	0.227985	-0.218635
Mg	2.254044	2.021912	1.821016

9

Al6Mg3

Al	-1.741180	1.561861	1.199523
Al	-1.625662	0.826723	-1.336555
Al	-1.399961	-0.986494	0.596119
Al	0.355828	2.216560	-0.269953
Al	0.588019	0.407882	1.666216
Al	0.720795	-0.333505	-0.904477
Mg	-1.413650	-2.171293	-2.328112
Mg	1.226379	-2.649259	1.173736
Mg	3.289431	1.127526	0.203503

9

Al7Mg2

Al	0.967266	-0.655160	-1.961178
Al	-0.576263	1.558017	-1.565727
Al	1.982238	1.546664	-0.919021
Al	-1.061863	-0.681808	-0.328951
Al	1.627570	-0.599730	0.611484
Al	0.134197	1.541567	0.994081
Al	-0.504238	-0.740701	2.177468
Mg	0.388004	-3.382477	0.067473
Mg	-2.956911	1.413628	0.924369

9

Al8Mg1

Al	1.131935	-0.453393	-1.884076
Al	-1.314181	-0.172906	-0.851293
Al	0.373891	1.882666	-0.807510
Al	2.534663	0.638339	0.088725
Al	0.740488	-1.232099	0.630215
Al	-1.821592	1.887548	0.738302
Al	-1.563756	-0.553537	1.751745
Al	0.505402	1.158569	1.772659
Mg	-0.586851	-3.155187	-1.438766

9

Al9Mg0

Al	-1.782004	-0.949798	0.883054
Al	-1.179754	1.576017	0.111890
Al	-0.984484	-0.431354	-1.653151
Al	-0.540362	0.725773	2.556176
Al	-0.210115	-2.669201	-0.428950
Al	0.886595	-0.468916	0.631385
Al	1.053602	1.335051	-1.401786
Al	1.213133	2.138707	1.143257
Al	1.543388	-1.256280	-1.841876

10

Al0Mg10

Mg	0.370819	-0.156440	-3.682159
Mg	-2.108787	-1.889925	-1.757158
Mg	2.862411	1.004962	-1.379520
Mg	1.344439	-2.176456	-1.013937
Mg	-0.494761	0.914805	-0.499678
Mg	-3.615901	0.131541	0.792592
Mg	1.557918	3.144443	1.185607
Mg	-0.986405	-2.008072	1.602255
Mg	2.038465	-0.246575	1.832026

Mg	-0.968198	1.281715	2.919971
10			
Al1Mg9			
Al	-0.000015	0.000014	-0.000003
Mg	-2.526352	-1.616314	-0.601508
Mg	-2.372452	1.899035	-0.498676
Mg	-1.075394	1.053549	2.662762
Mg	-0.537783	0.237685	-3.001840
Mg	-0.276206	-2.312827	2.014452
Mg	0.887853	-2.626155	-1.292890
Mg	0.913193	2.907569	0.262438
Mg	2.338685	0.043490	1.971090
Mg	2.648470	0.413954	-1.515825
10			
Al2Mg8			
Al	-0.217142	-0.106170	-0.026179
Al	1.876439	1.104163	0.259085
Mg	1.353435	0.188635	-2.728287
Mg	-2.428288	0.045492	-2.092405
Mg	-0.255673	2.834950	-1.249655
Mg	-0.976364	-2.996621	-0.557886
Mg	2.427161	-1.919248	-0.249390
Mg	-2.566251	-0.636468	1.812809
Mg	-0.374489	2.247436	2.114920
Mg	1.161173	-0.762168	2.716989
10			
Al3Mg7			
Al	-1.420748	0.186209	0.382660
Al	0.624428	-1.336049	0.156980
Al	0.867611	1.190825	-0.169694
Mg	-1.669039	-2.522661	1.890781
Mg	-1.642456	-1.926580	-1.889187
Mg	-1.297185	1.661067	-2.352999
Mg	-1.119722	3.184527	1.153088
Mg	0.551044	0.316514	2.858595
Mg	1.606564	-0.500230	-2.673411
Mg	3.499503	-0.253622	0.643187
10			
Al4Mg6			
Al	-0.369361	1.111796	-1.104305
Al	-0.970493	-1.256284	-0.268160
Al	1.546182	-0.433448	-0.115957
Al	-0.206338	0.577943	1.488432
Mg	0.713101	-1.239269	-2.997073
Mg	-2.658390	-0.286664	-2.723140
Mg	1.867634	2.726836	0.321072
Mg	-3.130088	0.978579	0.521268
Mg	0.549351	-2.466185	2.154739
Mg	2.658403	0.286696	2.723124
10			
Al5Mg5			
Al	0.218260	-0.636744	-1.893328
Al	-0.859675	1.381825	-0.616667
Al	-1.221091	-1.220906	0.216994
Al	1.145695	0.007852	0.521211
Al	-1.011991	0.750366	1.903951
Mg	-2.926361	-0.319318	-2.265591
Mg	2.020874	1.919136	-1.870791
Mg	1.327988	-3.070676	-0.272548
Mg	0.998227	3.079280	1.342415
Mg	0.308074	-1.890815	2.934352
10			
Al6Mg4			
Al	-0.762963	1.313811	1.424472
Al	-0.679563	-0.416361	-0.611596
Al	0.396354	-1.056901	1.750195
Al	0.815337	1.799272	-0.659661
Al	1.861459	1.140475	1.675342
Al	1.974665	-0.571414	-0.333935
Mg	-2.763008	-1.124815	1.647153
Mg	-2.268788	2.244093	-1.195426
Mg	0.466193	-3.348553	-0.427027
Mg	0.960315	0.020394	-3.269517
10			

Al7Mg3
Al -0.032841 0.147921 -2.158920
Al 2.304683 0.216729 -0.947446
Al -1.825813 1.513045 -0.795795
Al 0.789575 -1.914029 -0.630046
Al -1.780621 -1.107398 -0.535680
Al 0.186472 0.523327 0.605489
Al -0.504130 -1.800663 1.661222
Mg 0.916942 3.063257 -1.210176
Mg 2.595037 -1.144041 1.909402
Mg -2.649303 0.501851 2.101950

10
Al8Mg2
Al 0.286387 -1.297201 -2.475046
Al 2.215571 0.042370 -1.236948
Al -1.588378 -1.858529 -0.680819
Al -0.352013 0.520904 -0.627296
Al 0.999553 -1.998983 0.004287
Al 1.592673 0.254914 1.352428
Al -0.802651 -0.942070 1.702618
Al -0.590244 1.687931 1.732220
Mg 1.566507 3.018116 -0.243454
Mg -3.327405 0.572548 0.472011

10
Al9Mg1
Al -1.546039 2.014955 -1.212967
Al -2.239602 -0.559550 -1.010237
Al 0.333114 0.156880 -0.890200
Al 2.654715 0.920070 0.166017
Al 1.886288 -1.634928 0.344142
Al 0.470285 2.456421 0.517749
Al -0.733150 -1.670331 0.907176
Al -1.621084 0.860872 1.179905
Al 0.859392 0.214351 1.994167
Mg -0.063918 -2.758741 -1.995752

10
Al10Mg0
Al -2.379654 -0.659705 0.553997
Al -1.177627 0.091751 -1.762753
Al -1.143921 1.750973 0.357844
Al -1.021767 -2.431301 -0.997619
Al -0.964282 0.398823 2.619465
Al 0.301046 -0.789388 0.612859
Al 1.071944 1.433928 -1.138989
Al 1.222085 -1.175038 -1.879009
Al 1.276870 1.521917 1.567881
Al 2.815306 -0.141959 0.066325

11
Al0Mg11
Mg -1.746824 1.095817 -2.790968
Mg 0.225637 -1.791608 -2.269926
Mg 1.780434 1.365485 -2.220385
Mg -0.333419 3.747861 -0.799740
Mg -2.953256 -1.670566 -0.727439
Mg 2.698067 -1.051465 0.167785
Mg -0.515409 0.501193 0.370577
Mg -0.116256 -2.983763 1.023846
Mg 2.298875 2.306916 1.197933
Mg -2.430293 -1.060402 2.786847
Mg 1.092444 -0.459468 3.261470

11
Al1Mg10
Al -0.035576 -0.067373 0.043160
Mg 0.316132 0.904924 -2.879842
Mg -1.377951 -2.177796 -1.847183
Mg 1.973718 -1.854995 -1.618087
Mg -2.751971 0.853262 -1.285855
Mg 2.742550 1.258798 -0.326129
Mg -0.323516 3.015902 -0.110533
Mg -1.292983 -2.448538 1.567387
Mg 2.040850 -1.679321 1.751661
Mg -2.279177 0.796368 2.055381
Mg 0.987924 1.398768 2.650040

11

Al2Mg9			
Al	0.402525	-0.043786	-0.505861
Al	-1.087283	-0.626974	1.337765
Mg	0.122137	0.079578	-3.525763
Mg	2.947353	-1.295971	-1.574193
Mg	-2.604478	-0.801500	-1.374691
Mg	1.866230	2.486892	-1.304103
Mg	-0.246511	-3.112390	-0.444154
Mg	-1.711976	2.205802	-0.000302
Mg	1.829099	-1.637290	1.862632
Mg	0.944612	1.654559	2.118012
Mg	-2.461709	1.091079	3.410657

11			
Al3Mg8			
Al	-1.389763	-0.432514	-0.255339
Al	0.462900	0.218658	1.386222
Al	0.926858	0.213855	-1.130884
Mg	-2.439877	1.151999	2.296689
Mg	-1.475567	-2.055292	2.480621
Mg	-1.459962	1.141750	-3.019915
Mg	-0.824862	2.743432	-0.157326
Mg	-0.495486	-2.065494	-2.836044
Mg	0.824849	-2.743437	0.157323
Mg	2.453285	2.517169	0.447430
Mg	3.417624	-0.690126	0.631223

11			
Al4Mg7			
Al	-1.095895	-0.948450	0.080995
Al	-0.176340	1.289991	1.265662
Al	0.510113	0.702853	-1.163146
Al	1.354372	-0.796118	0.910483
Mg	-2.619565	1.697073	-0.642168
Mg	-1.623347	-0.680557	-2.998825
Mg	-0.815231	-0.994587	3.270413
Mg	0.069435	-3.650185	1.143085
Mg	0.214190	3.769097	-0.619109
Mg	1.270725	-2.262579	-1.849481
Mg	2.911543	1.873462	0.602091

11			
Al5Mg6			
Al	-1.676043	0.033170	-1.304538
Al	-0.850971	0.696239	1.111024
Al	0.040158	-1.559912	-0.091258
Al	0.810814	0.863674	-1.019763
Al	1.676042	-0.033166	1.304542
Mg	-2.987941	-1.680153	0.938280
Mg	-1.464285	3.111519	-0.897442
Mg	-0.218210	-1.735008	3.094061
Mg	0.297614	-1.349140	-3.274495
Mg	1.305486	3.056716	1.258283
Mg	3.067336	-1.403939	-1.118693

11			
Al6Mg5			
Al	-1.719225	-0.102511	-0.536735
Al	-1.311118	-0.538070	2.052888
Al	-0.696453	1.807029	0.999547
Al	0.221390	-1.770547	0.265471
Al	0.844053	0.588013	-0.819156
Al	1.226857	0.153862	1.794617
Mg	-2.710979	-2.913978	0.499043
Mg	-1.222259	2.657276	-1.999966
Mg	-0.185596	-1.592308	-2.861985
Mg	2.237631	2.954505	0.730297
Mg	3.315699	-1.243269	-0.124020

11			
Al7Mg4			
Al	-1.898301	0.317727	-0.013792
Al	-0.780498	0.454537	2.362360
Al	-0.541256	1.703714	-1.789114
Al	-0.292560	-1.675865	0.900307
Al	-0.142783	-0.893844	-1.698626
Al	0.833840	0.804668	0.290180
Al	2.023720	-1.480828	-0.328958
Mg	-2.687984	-2.593978	-0.935439

Mg	-1.098433	3.276707	0.922655
Mg	2.141044	-0.745269	2.766791
Mg	2.443211	0.832431	-2.476364
11			
Al8Mg3			
Al	-2.468871	0.298768	0.331481
Al	-0.834532	-1.603380	-0.471986
Al	-0.357376	-0.205641	1.822095
Al	-0.128397	1.081814	-0.632422
Al	0.924655	-0.753183	-2.287039
Al	1.675664	1.446703	1.323634
Al	1.707384	-1.010256	0.260391
Al	2.481132	1.099315	-1.185850
Mg	-2.128937	0.057247	-2.863462
Mg	-1.166821	2.875520	1.762083
Mg	0.296100	-3.286908	1.941074
11			
Al9Mg2			
Al	-0.737433	-0.032867	-2.524549
Al	1.488598	-1.318508	-1.721580
Al	1.279408	1.331451	-1.415052
Al	-1.265587	1.898559	-0.714285
Al	-0.351075	-0.579155	0.045979
Al	2.314092	-0.168869	0.576970
Al	0.679198	1.899600	1.158546
Al	-1.735240	0.911644	1.753876
Al	0.490787	-0.373999	2.556849
Mg	-3.397686	-0.446162	-0.693911
Mg	1.234939	-3.121696	0.977157
11			
Al10Mg1			
Al	-1.937895	1.165017	0.211886
Al	-1.793097	-1.534740	0.145138
Al	-1.554404	-0.050840	-2.124806
Al	-0.630665	-0.176656	2.174545
Al	-0.089103	2.183150	-1.491177
Al	0.378811	2.128814	1.202955
Al	0.509599	-0.206968	-0.480905
Al	0.624261	-2.286920	1.146233
Al	2.032109	0.006044	1.693566
Al	2.381509	1.658861	-0.452215
Mg	0.078874	-2.885762	-2.025220
11			
Al11Mg0			
Al	0.339190	-0.427803	-2.385651
Al	-2.250626	-0.364485	-1.914909
Al	-0.813216	1.948782	-1.601109
Al	-0.776867	-2.398462	-0.816377
Al	1.653774	1.267096	-0.746286
Al	1.676250	-1.421089	-0.261036
Al	-0.748015	0.034594	0.226273
Al	0.010623	2.433898	1.048168
Al	1.637003	0.336414	1.787859
Al	0.046958	-1.913347	1.832896
Al	-0.775073	0.504404	2.830173
12			
Al0Mg12			
Mg	-3.123537	-1.050082	-0.197448
Mg	-1.942626	1.903954	-1.870647
Mg	-1.919366	1.728147	1.696406
Mg	-1.115579	-1.337110	-3.148043
Mg	-1.056130	-1.591083	2.692810
Mg	-0.555701	-3.544436	-0.265963
Mg	0.246608	-0.222034	-0.217955
Mg	0.854625	3.188663	-0.014486
Mg	1.396878	1.339907	-3.032490
Mg	1.402517	1.028608	2.805904
Mg	2.302772	-2.231624	1.630864
Mg	3.509539	0.787091	-0.078951
12			
Al1Mg11			
Al	0.101438	-0.036526	-0.091345
Mg	-0.687640	-1.279273	-2.980107
Mg	0.608543	1.746814	-2.751020

Mg	-2.519199	1.187782	-1.438542
Mg	0.716194	-3.167487	-0.666307
Mg	2.813124	1.728941	-0.295560
Mg	-2.450410	-1.952112	-0.106548
Mg	-0.282628	3.109696	0.276554
Mg	2.879672	-1.308376	0.992868
Mg	-2.176197	0.783644	1.959685
Mg	-0.171305	-1.970745	2.431747
Mg	1.168409	1.157643	2.668575

12

Al2Mg10

Al	-0.308494	-0.281496	-0.870019
Al	0.129245	0.496279	1.405894
Mg	1.226945	-0.289154	-3.488874
Mg	-2.355924	0.508509	-2.959880
Mg	-0.822872	-3.019183	-2.064593
Mg	-0.394269	2.850619	-0.661613
Mg	2.557625	1.107795	-0.470087
Mg	1.825476	-2.074896	0.553956
Mg	-2.883623	0.857098	0.623275
Mg	-1.505413	-2.179937	1.399522
Mg	1.512295	2.907079	2.590512
Mg	1.019010	-0.882713	3.941906

12

Al3Mg9

Al	-1.355852	-0.541556	-0.786965
Al	1.135017	-0.230227	-0.274711
Al	-0.597409	1.344070	0.766472
Mg	0.587556	-1.197746	-3.240306
Mg	-0.060340	1.958449	-2.347724
Mg	-3.126087	2.090856	-1.011737
Mg	0.153097	-3.298067	-0.662057
Mg	2.174651	2.747750	0.010219
Mg	3.106162	-2.117522	1.053878
Mg	-3.356894	0.015394	1.620266
Mg	-0.465925	-1.583024	2.148968
Mg	1.806023	0.811622	2.723699

12

Al4Mg8

Al	-1.190993	-0.146584	1.083984
Al	-0.470463	0.508195	-1.461288
Al	0.637406	-1.472843	-0.198452
Al	1.024007	1.111242	0.575754
Mg	-2.491726	-1.871418	-1.186796
Mg	-1.792259	2.803824	0.213923
Mg	-1.095828	-3.205802	1.753013
Mg	-0.330540	1.909598	3.285612
Mg	0.330523	-1.909585	-3.285617
Mg	1.095846	3.205785	-1.753029
Mg	1.490207	-1.058520	2.788930
Mg	2.793820	0.126108	-1.816034

12

Al5Mg7

Al	0.807054	0.161442	-1.492940
Al	1.232866	-2.012981	-0.071843
Al	-0.660677	1.804713	-0.003859
Al	-1.090756	-0.769987	0.212438
Al	1.213644	0.315957	1.154790
Mg	-2.074146	0.698758	-2.585166
Mg	-0.710050	-2.509237	-2.444496
Mg	3.820784	-0.337456	-0.567047
Mg	2.242997	2.836507	-0.509960
Mg	-3.661098	0.990580	0.504369
Mg	0.097405	-2.202389	2.813554
Mg	-1.218025	1.024092	2.990161

12

Al6Mg6

Al	-1.937739	-0.708118	0.971485
Al	-1.701080	0.171755	-1.508934
Al	-0.867813	1.680109	0.513175
Al	-0.175491	-1.833897	-0.667258
Al	0.682954	-0.325340	1.369067
Al	0.921583	0.561854	-1.132099
Mg	-1.192947	0.933444	3.569403

Mg	-0.629293	3.028878	-2.337722
Mg	-0.382874	-3.178046	2.188257
Mg	0.180663	-1.082722	-3.718900
Mg	2.139650	2.463991	1.078139
Mg	2.962387	-1.711908	-0.324613
12			
Al7Mg5			
Al	-2.244765	0.451776	-1.435983
Al	-1.395551	-0.195318	0.973979
Al	-0.526603	-1.520708	-1.244777
Al	0.256728	1.120203	-0.864810
Al	0.543257	1.453127	1.733524
Al	1.200768	-0.937918	0.782822
Al	1.927783	-0.741663	-1.743188
Mg	-1.998661	2.929445	0.533513
Mg	-0.856780	-3.323637	1.274737
Mg	-0.218609	0.238594	-3.896143
Mg	0.020908	-0.890253	3.742321
Mg	3.291524	1.416352	0.144005
12			
Al8Mg4			
Al	-0.131475	1.757690	-1.925455
Al	1.676604	-0.132550	-1.394846
Al	0.571838	-2.429812	-0.731660
Al	-0.884342	-0.256685	-0.327372
Al	-1.514116	2.299254	0.274312
Al	1.082553	1.744698	0.469142
Al	1.343724	-0.838298	1.223483
Al	-0.658883	0.644274	2.194662
Mg	-0.639100	-1.058115	-3.381892
Mg	4.044136	0.636426	0.538214
Mg	-3.633595	0.147104	1.157035
Mg	-1.257345	-2.513987	1.904375
12			
Al9Mg3			
Al	0.046461	0.195496	-0.410683
Al	-1.692307	-1.815469	-0.179528
Al	0.981864	-2.284289	-0.100134
Al	-0.915150	2.604074	0.154763
Al	1.735216	2.139430	0.233428
Al	-2.155190	0.450156	1.214807
Al	2.106170	-0.296915	1.341306
Al	-0.291200	-1.314825	2.044381
Al	0.168792	1.344401	2.253654
Mg	-0.200301	-1.645409	-2.969079
Mg	-2.688195	0.801852	-1.874462
Mg	2.903840	-0.178502	-1.708454
12			
Al10Mg2			
Al	-2.375959	-0.973065	-0.971285
Al	-1.931536	1.743772	-0.956006
Al	-1.084865	-2.325354	1.049442
Al	-0.461712	0.186730	-2.535092
Al	-0.317068	0.086921	0.310227
Al	0.034031	-2.195823	-1.360863
Al	0.771553	2.133174	-1.087972
Al	1.583279	-1.768018	0.834717
Al	1.956122	-0.273901	-1.381594
Al	2.074475	0.931569	1.014377
Mg	-0.467418	2.876729	1.728959
Mg	0.219098	-0.422734	3.355088
12			
Al11Mg1			
Al	-2.098653	-0.739729	0.847268
Al	-1.951681	0.788207	-1.428356
Al	-1.425642	1.892211	1.013465
Al	-1.116053	-1.811625	-1.453429
Al	-0.085221	-0.000798	2.517207
Al	0.108719	-2.321062	0.971822
Al	0.154827	2.490430	-1.163373
Al	0.351043	0.142925	-2.726900
Al	0.393095	0.099618	-0.100240
Al	1.209116	2.121570	1.368537
Al	1.547007	-1.920914	-1.323915

Mg	2.913443	-0.740833	1.477914
12			
Al12Mg0			
Al	-2.182118	0.028271	1.326835
Al	-2.068043	-0.555529	-1.391941
Al	-1.801147	2.036102	-0.512779
Al	-0.804399	-2.187240	0.435912
Al	-0.331244	1.977565	1.905851
Al	-0.143499	1.016747	-2.568734
Al	0.120118	0.326619	-0.065092
Al	0.270140	-0.648656	2.455436
Al	0.454716	-1.593257	-1.943624
Al	1.899784	-1.650823	0.434184
Al	2.234830	0.922006	1.344696
Al	2.350862	0.328195	-1.420744
13			
Al0Mg13			
Mg	-3.108066	-0.586713	1.344158
Mg	-2.611447	-0.254100	-2.219654
Mg	-2.222342	2.620699	-0.065090
Mg	-1.312513	-3.140349	-0.476000
Mg	-0.682931	1.511170	3.010156
Mg	-0.120625	-2.049352	2.756203
Mg	0.000002	0.000000	0.000002
Mg	0.120625	2.049352	-2.756205
Mg	0.682932	-1.511171	-3.010157
Mg	1.312513	3.140348	0.475999
Mg	2.222343	-2.620698	0.065091
Mg	2.611445	0.254101	2.219654
Mg	3.108065	0.586714	-1.344158
13			
Al1mg12			
Al	-0.000001	0.000001	0.000001
Mg	-3.183076	-0.588844	-0.044457
Mg	-1.948547	2.534964	0.507732
Mg	-1.640485	1.101609	-2.564364
Mg	-1.531037	0.101151	2.850680
Mg	-1.032570	-2.218062	-2.120065
Mg	-0.964928	-2.836375	1.226607
Mg	0.964926	2.836380	-1.226603
Mg	1.032575	2.218051	2.120080
Mg	1.531030	-0.101148	-2.850684
Mg	1.640483	-1.101620	2.564356
Mg	1.948559	-2.534959	-0.507740
Mg	3.183072	0.588852	0.044457
13			
Al2Mg11			
Al	-0.412900	-0.471920	1.052575
Al	0.469817	0.500026	-1.015083
Mg	-3.198274	-1.183409	2.020682
Mg	-2.633577	0.583410	-1.054319
Mg	-0.938718	-2.398647	-1.324812
Mg	-0.799242	2.629413	1.016722
Mg	-0.350780	0.336818	3.971269
Mg	-0.118402	-3.185607	2.373940
Mg	-0.060447	3.094754	-2.492684
Mg	0.305393	-0.278183	-3.942401
Mg	2.225510	-1.905901	-0.065978
Mg	2.263705	1.149829	1.505906
Mg	3.247916	1.129415	-2.045816
13			
Al3Mg10			
Al	-1.405075	0.033643	1.179070
Al	-0.594022	-1.634514	-0.584013
Al	0.688620	0.551439	-0.204970
Mg	-3.756527	-1.482543	-0.325363
Mg	-2.043473	0.962876	-1.851159
Mg	-1.847238	-3.004917	1.993371
Mg	-1.122405	3.115953	0.538720
Mg	0.626008	-0.479565	-3.261444
Mg	0.776165	1.602395	2.844082
Mg	1.209426	-1.630781	2.099429
Mg	1.379458	2.850999	-2.062667
Mg	2.524226	-1.993388	-0.955965

Mg	3.564838	1.108403	0.590908
13			
Al4Mg9			
Al	-0.809338	0.797024	-1.133126
Al	0.779429	-1.244182	-0.674031
Al	1.066170	0.994454	0.695805
Al	-1.035722	-0.547894	1.112185
Mg	-0.095486	-0.863230	-3.680148
Mg	2.409207	0.995129	-2.130536
Mg	-2.105644	-2.317647	-1.236296
Mg	0.480435	3.633878	-0.928326
Mg	-3.742008	0.535555	-0.091757
Mg	3.328548	-1.099352	1.099832
Mg	0.407764	-3.242592	1.678369
Mg	-1.489667	2.490737	1.706143
Mg	0.806312	-0.131881	3.581885
13			
Al5Mg8			
Al	-0.136722	-1.707465	-1.295371
Al	0.976644	0.625679	-0.901771
Al	-1.453094	0.066525	0.206467
Al	0.774295	-1.124956	1.130016
Al	0.309810	1.455984	1.547990
Mg	1.495923	-0.580766	-3.741293
Mg	-1.704140	0.506880	-2.875825
Mg	2.983579	-1.976792	-0.908889
Mg	-0.828920	3.173388	-0.820933
Mg	-1.814585	-3.006164	0.987927
Mg	3.339117	0.791241	1.236884
Mg	-2.686713	2.310912	2.003421
Mg	-1.255195	-0.534466	3.431375
13			
Al6Mg7			
Al	0.186827	0.793631	-1.904019
Al	0.568012	-1.692211	-1.050641
Al	-1.657211	-0.376406	-0.356123
Al	2.049724	0.286722	-0.080412
Al	-0.167379	1.613418	0.619440
Al	0.215962	-0.886083	1.477525
Mg	-1.592019	-1.391217	-3.341521
Mg	-2.422579	2.503786	-1.407313
Mg	1.918111	3.296774	-1.043008
Mg	-1.520094	-3.381098	0.613074
Mg	2.821192	-2.592115	0.978579
Mg	-2.388209	0.520970	2.584507
Mg	1.987664	1.303828	2.909910
13			
Al7Mg6			
Al	-2.769802	0.303335	0.528338
Al	-1.096959	0.037349	-1.481348
Al	-0.819617	-1.434768	0.817784
Al	-0.341223	1.312661	0.881647
Al	0.746915	1.936521	-1.435425
Al	1.184751	-0.387512	2.194230
Al	1.363998	-0.469401	-0.465092
Mg	-2.232138	3.004987	-1.071093
Mg	-1.679288	0.070405	3.512075
Mg	-0.210327	-2.948486	-1.862516
Mg	1.241713	-0.226987	-3.639147
Mg	1.808077	-3.233100	1.055785
Mg	2.803901	2.034995	0.964761
13			
Al8Mg5			
Al	-1.627801	-1.766033	-1.529824
Al	-1.551639	-0.662264	0.865109
Al	-1.387547	1.981322	0.693048
Al	-0.445621	0.604471	-1.369512
Al	0.445477	-1.646759	2.280066
Al	0.727315	-1.717148	-0.342035
Al	0.891083	0.681365	1.086842
Al	2.187120	0.326683	-1.200424
Mg	-3.636703	0.682287	-1.157439
Mg	-1.022921	0.832663	3.645692
Mg	0.831282	-1.385870	-3.524076

Mg	1.144903	3.304783	-0.726471
Mg	3.445053	-1.235501	1.279024
13			
Al9Mg4			
Al	-2.365414	-1.315485	-0.252625
Al	-2.157764	1.341070	-0.668469
Al	-1.968557	0.365488	1.838670
Al	-1.033565	-0.412801	-2.393999
Al	-0.582021	-1.941625	1.671113
Al	-0.374270	2.379711	1.080167
Al	-0.045260	-2.471672	-0.926636
Al	0.183317	0.040182	-0.067086
Al	0.614012	0.320836	2.547537
Mg	0.399591	2.496217	-2.082277
Mg	2.124915	-0.715597	-2.435268
Mg	2.491813	-1.862429	1.024152
Mg	2.713202	1.776103	0.664721
13			
Al10Mg3			
Al	0.600343	-0.758757	-2.458073
Al	0.968617	1.844780	-1.625949
Al	2.575903	-0.154545	-0.747508
Al	1.103266	-2.384376	-0.287609
Al	-0.167460	-0.022619	-0.054627
Al	-0.774596	2.491862	0.410948
Al	1.753298	1.790238	0.968977
Al	-0.636619	-1.842623	1.782608
Al	1.835851	-0.803010	1.789624
Al	-0.238275	0.787250	2.511695
Mg	-2.040385	1.161747	-2.294081
Mg	-1.927453	-2.384869	-1.171763
Mg	-3.052488	0.274921	1.175759
13			
Al11Mg2			
Al	-2.259537	-1.396482	-0.231166
Al	-2.118110	0.646670	1.523668
Al	-2.044903	1.204343	-1.165148
Al	-0.628247	-1.611684	1.999353
Al	-0.423725	2.569460	0.543924
Al	-0.000573	-0.093404	-0.082866
Al	0.444635	0.843322	2.483673
Al	0.629335	1.788694	-1.842319
Al	2.045973	-1.027340	1.322199
Al	2.131726	1.575315	0.447538
Al	2.248485	-0.411422	-1.372661
Mg	-0.573444	-0.928730	-3.066071
Mg	0.548384	-3.158744	-0.560123
13			
Al12Mg1			
Al	-2.215859	0.860563	1.168934
Al	-2.187099	-0.133359	-1.488568
Al	-1.839653	-1.817670	0.659917
Al	-0.314803	-0.524041	2.598080
Al	-0.269142	-2.102419	-1.622079
Al	-0.021730	0.059064	-0.022327
Al	0.326789	1.999329	1.706722
Al	0.373295	0.391136	-2.593197
Al	0.861959	-2.342785	0.885550
Al	1.926962	1.709205	-0.618413
Al	2.198112	-0.009290	1.513922
Al	2.226323	-0.984774	-1.094275
Mg	-1.065154	2.895042	-1.094266
13			
Al13Mg0			
Al	-2.153456	-0.796464	-1.342070
Al	-2.097162	1.635030	0.037869
Al	-2.087437	-0.776535	1.453431
Al	-0.539590	1.294795	-2.259471
Al	-0.523855	-2.607197	0.030956
Al	-0.432773	1.327045	2.263742
Al	0.000000	0.000002	0.000001
Al	0.432771	-1.327045	-2.263744
Al	0.523856	2.607195	-0.030954
Al	0.539591	-1.294793	2.259472

Al	2.087437	0.776535	-1.453431
Al	2.097163	-1.635032	-0.037870
Al	2.153455	0.796463	1.342070
14			
Al0Mg14			
Mg	-3.174409	1.164302	0.210917
Mg	-2.432885	-2.206086	1.307754
Mg	-1.930632	-1.279267	-2.134462
Mg	-1.517810	0.601330	3.375424
Mg	-0.687098	0.182591	-5.051854
Mg	-0.668202	2.171308	-2.181464
Mg	-0.423528	3.285799	1.232925
Mg	0.050901	-0.013522	0.374267
Mg	0.529587	-3.315077	-0.454732
Mg	0.768239	-2.163293	2.964590
Mg	1.658233	-0.642147	-2.599565
Mg	2.008831	1.227404	2.918365
Mg	2.539611	2.178699	-0.529650
Mg	3.279163	-1.192041	0.567488
14			
Al1Mg13			
Al	-0.216512	-0.112626	0.286938
Mg	2.909121	1.513292	-3.855392
Mg	-0.354338	1.319600	-2.601889
Mg	-1.478375	-1.853839	-2.134066
Mg	1.853661	-1.214243	-1.930367
Mg	-3.152771	0.778462	-0.760897
Mg	2.247335	1.843525	-0.433141
Mg	-0.845246	3.063830	0.273816
Mg	0.397882	-3.296195	0.318980
Mg	-2.690419	-2.069157	1.038675
Mg	2.705759	-1.011241	1.353801
Mg	-2.299575	0.966620	2.525106
Mg	1.030946	1.620976	2.726629
Mg	-0.107468	-1.549004	3.191806
14			
Al2Mg12			
Al	-0.332003	-1.099503	-0.452992
Al	0.392263	1.028142	0.559809
Mg	-1.761208	-0.040820	-2.928505
Mg	0.536305	-2.903812	-2.742598
Mg	1.714143	0.485143	-2.244960
Mg	-0.729637	2.989642	-1.486059
Mg	-2.898154	-2.716680	-0.679677
Mg	2.578172	3.095498	0.113062
Mg	-2.738504	0.727804	0.429452
Mg	2.581111	-1.214803	0.706250
Mg	0.218211	-3.877759	0.715082
Mg	-0.855869	3.282704	2.175624
Mg	-0.679252	-1.037140	2.664517
Mg	1.974421	1.281586	3.170995
14			
Al3Mg11			
Al	-0.778202	1.309275	-0.363513
Al	0.953601	-0.443246	0.353559
Al	-1.543657	-1.010417	0.406475
Mg	-1.192022	2.727692	-3.015969
Mg	-0.268346	-0.940158	-2.587527
Mg	2.009480	1.446875	-1.972048
Mg	-3.383977	0.108156	-1.874358
Mg	3.329576	-1.771005	-0.994469
Mg	0.205069	-3.483827	-0.459410
Mg	1.645695	2.639797	1.132815
Mg	-3.498734	1.370625	1.245080
Mg	3.046600	-0.371912	2.553373
Mg	0.074365	-2.432443	2.723167
Mg	-0.599447	0.850588	2.852823
14			
Al4Mg10			
Al	-1.034659	-0.587874	-1.096056
Al	-0.688705	-0.032511	1.463585
Al	0.382041	1.524860	-0.382483
Al	1.341323	-0.904480	0.014954
Mg	-3.534523	-1.272381	0.753791

Mg	-2.806300	1.892323	-0.031303
Mg	-1.338466	1.921721	-3.032408
Mg	-0.799288	-3.190290	0.800236
Mg	-0.628977	3.060736	2.217273
Mg	0.628931	-3.060736	-2.217287
Mg	1.338504	-1.921702	3.032405
Mg	1.440905	0.068010	-3.062084
Mg	2.164683	1.229958	2.293151
Mg	3.534531	1.272366	-0.753774

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Al5Mg9

Al	-1.319489	-0.689343	-0.533333
Al	-0.911772	1.550874	0.787103
Al	0.591228	-0.530640	1.367327
Al	0.933500	0.728725	-0.999284
Al	1.053691	-1.866269	-0.903420
Mg	-3.905089	1.030598	-0.062155
Mg	-2.392339	-0.759453	2.468419
Mg	-1.504768	2.177202	-2.255279
Mg	-0.755381	-3.442474	1.046794
Mg	-0.428982	-0.916464	-3.516673
Mg	-0.016766	1.353559	3.805699
Mg	2.068992	2.474061	1.299681
Mg	3.005663	-0.527066	-2.977572
Mg	3.581512	-0.583308	0.472692

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Al6Mg8

Al	0.143096	-1.223922	-1.433764
Al	-0.972919	1.183633	-1.107507
Al	1.614654	0.821672	-0.540266
Al	-1.614647	-0.821684	0.540271
Al	0.972917	-1.183635	1.107513
Al	-0.143098	1.223929	1.433757
Mg	0.922536	0.918509	-3.622253
Mg	-2.873413	-1.013205	-2.352103
Mg	3.209807	-1.864167	-1.018571
Mg	0.586142	3.795864	-0.251607
Mg	-0.586092	-3.795878	0.251558
Mg	-3.209808	1.864160	1.018575
Mg	2.873381	1.013215	2.352140
Mg	-0.922556	-0.918490	3.622255

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Al7Mg7

Al	-1.196689	0.369626	-2.361938
Al	1.107743	-0.347012	-1.321354
Al	-0.515552	1.584196	-0.094069
Al	-1.324277	-1.011148	-0.090462
Al	2.137832	1.601569	0.110013
Al	0.849723	-2.532199	0.115732
Al	0.769278	-0.237682	1.461518
Mg	1.071316	2.554955	-2.718440
Mg	-0.571867	-2.718127	-2.711122
Mg	-3.647214	1.135651	-0.603204
Mg	3.681739	-1.146643	0.442090
Mg	-2.101892	0.658434	2.507176
Mg	0.711837	2.746117	2.628271
Mg	-0.971976	-2.657737	2.635791

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Al8Mg6

Al	-1.669784	0.189657	0.325290
Al	-1.299523	-2.243738	-0.666622
Al	-0.961353	2.047223	-1.432543
Al	-0.350748	0.493150	2.607927
Al	0.224261	-0.315306	-1.667423
Al	0.614663	-1.308920	0.915915
Al	0.830872	1.434569	0.426206
Al	2.611638	-0.296636	-0.508777
Mg	-2.828653	-0.245848	-2.626259
Mg	-2.064694	-2.190187	2.428794
Mg	-1.641625	3.178286	1.470542
Mg	1.641613	-3.178312	-1.470516
Mg	2.064697	2.190183	-2.428807
Mg	2.828637	0.245880	2.626272

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Al9Mg5

Al	-2.576724	0.019949	-0.884607
Al	-1.456334	-2.195865	-1.879423
Al	-0.864401	-1.421913	0.601666
Al	-0.758673	1.366895	0.590177
Al	-0.039404	0.059149	-1.768046
Al	0.071956	-0.069679	2.673894
Al	1.083176	-2.271927	-1.042836
Al	1.311975	2.156411	-0.887894
Al	1.594463	-0.106663	0.488434
Mg	-3.121068	0.047390	2.277092
Mg	-1.585530	2.804053	-2.133503
Mg	1.540638	-2.871731	2.075571
Mg	1.723784	2.599085	2.224533
Mg	3.076143	-0.115154	-2.335058

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Al10Mg4

Al	0.821385	0.523675	-2.161933
Al	-1.785279	1.109022	-1.501450
Al	1.709013	-1.734029	-0.862520
Al	0.210887	2.393144	-0.262322
Al	-0.314563	-0.362107	0.109097
Al	2.315622	0.680687	0.122512
Al	-1.873578	1.526237	1.229762
Al	1.536214	-1.248041	1.853233
Al	0.658989	1.300921	2.184750
Al	-1.060454	-0.718007	2.604718
Mg	-1.119974	-1.938085	-2.498794
Mg	2.790060	2.983780	-1.982146
Mg	-3.371820	-1.097019	0.321486
Mg	-0.516500	-3.420176	0.843608

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Al11Mg3

Al	1.872265	-0.830742	-1.585380
Al	1.288904	1.929233	-1.413114
Al	-0.462969	-2.316670	-1.372726
Al	-1.427240	2.323846	-1.061927
Al	-0.290955	0.081259	-0.347917
Al	2.211617	0.544423	0.733973
Al	1.123664	-1.999428	0.779160
Al	0.216629	2.388348	1.079111
Al	-1.586153	-1.729038	1.097030
Al	-2.169406	1.030974	1.269198
Al	0.074169	-0.010753	2.391808
Mg	-0.486240	0.244832	-3.490499
Mg	-3.223899	-0.466270	-1.367120
Mg	2.859615	-1.190013	3.288403

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Al12Mg2

Al	0.756972	-0.194338	-2.277259
Al	-1.121434	1.671882	-1.320561
Al	-1.705845	-1.053799	-1.293661
Al	1.550764	1.944637	-0.748567
Al	0.582472	-2.463577	-0.683488
Al	2.629030	-0.652613	-0.323354
Al	0.177616	-0.001226	0.351127
Al	-2.425072	0.524461	0.848300
Al	-0.435419	2.391961	1.237416
Al	-1.367777	-2.023681	1.262047
Al	1.298492	-1.803813	1.893604
Al	-0.594399	0.076803	2.857682
Mg	-1.745124	0.354116	-4.117197
Mg	2.399724	1.229186	2.313913

14

Al13Mg1

Al	-2.763631	0.923841	-0.354661
Al	-2.308745	-1.343885	1.216789
Al	-1.998393	-1.481041	-1.558791
Al	-1.394620	1.152816	2.067302
Al	-0.892215	0.930786	-2.425954
Al	-0.501671	2.563297	-0.182750
Al	-0.322360	-0.086669	-0.031757
Al	-0.155824	-2.740336	0.118001
Al	0.234649	-1.107449	2.360942

Al	0.737004	-1.329469	-2.131867
Al	1.330487	1.312560	1.508990
Al	1.644469	1.173793	-1.299220
Al	2.104700	-1.120605	0.290712
Mg	4.286151	1.152362	0.422263
14			
Al14Mg0			
Al	-2.753393	2.471166	-0.963824
Al	-2.141170	-0.066050	-1.244518
Al	-1.900509	-1.301900	1.258096
Al	-1.599126	1.482122	1.176397
Al	-0.706884	-2.443400	-1.013946
Al	-0.176981	2.099633	-1.303081
Al	0.132443	-0.046184	2.734650
Al	0.185463	-0.166450	0.064919
Al	0.303306	-0.344957	-2.584307
Al	0.650117	-2.433956	1.410944
Al	1.143303	2.054212	1.167353
Al	2.006059	-1.845177	-0.953189
Al	2.334472	0.909970	-1.104608
Al	2.522899	-0.369029	1.355114
15			
Al0Mg14			
Mg	-0.778180	-1.345451	-4.581631
Mg	-3.205898	0.995583	-3.483968
Mg	0.150425	1.364585	-2.577698
Mg	1.484907	-1.968933	-1.935450
Mg	-2.088542	-1.534818	-1.345962
Mg	3.258445	1.021297	-0.856597
Mg	-2.505761	1.879239	-0.131151
Mg	0.764958	3.425751	0.270753
Mg	0.292271	0.025670	0.591688
Mg	-0.132772	-3.370234	1.009082
Mg	3.099915	-1.834537	1.316456
Mg	-2.626246	-0.965825	2.136428
Mg	2.635898	1.487187	2.658193
Mg	-0.904967	2.027322	3.127138
Mg	0.555547	-1.206835	3.802719
15			
Al1Mg14			
Al	-0.358979	0.518548	0.214950
Mg	-3.087812	-1.212828	-0.079464
Mg	-2.965896	1.605798	1.815268
Mg	-2.733174	1.816899	-1.573978
Mg	-1.286261	-1.170199	2.826302
Mg	-0.897792	-0.832315	-2.669848
Mg	-0.733381	3.737987	0.399841
Mg	-0.046304	-2.679662	0.068011
Mg	0.170074	1.885605	3.108749
Mg	0.538422	2.250453	-2.378516
Mg	1.459998	-3.500585	-2.970654
Mg	2.002601	-0.763676	2.008289
Mg	2.242848	-0.493364	-1.383299
Mg	2.339978	2.293093	0.527264
Mg	3.355680	-3.455753	0.087084
15			
Al2Mg13			
Al	-0.755936	0.957238	0.294822
Al	0.622181	-1.025138	-0.369673
Mg	-3.561263	1.496106	1.442486
Mg	-2.538306	-1.635958	0.332808
Mg	-2.396081	2.746330	-1.619168
Mg	-1.514851	-0.422065	-2.599539
Mg	-0.617947	2.223156	3.143339
Mg	-0.155499	-1.119604	2.674384
Mg	-0.032356	-3.979355	0.261735
Mg	0.236320	3.914242	0.297813
Mg	1.020382	-2.786606	-2.862870
Mg	1.137980	1.618565	-2.125038
Mg	2.240725	1.137796	1.252804
Mg	2.807879	-2.368268	1.404365
Mg	3.506771	-0.756438	-1.528268
15			
Al3Mg12			

Al	-0.967965	0.488384	-0.734105
Al	1.187853	1.555951	0.147252
Al	0.660963	-0.890520	0.696076
Mg	-2.056834	0.149069	-3.550749
Mg	0.411506	2.631822	-2.711739
Mg	1.659223	-0.464297	-2.337515
Mg	-0.809957	-2.596473	-1.580518
Mg	-3.890491	1.251169	-0.400661
Mg	-1.206470	3.604064	0.068756
Mg	2.205281	-3.458552	0.191577
Mg	3.786288	-0.224813	0.251101
Mg	-2.417216	-1.630732	1.180503
Mg	-1.101749	1.194523	2.406650
Mg	2.168149	0.747320	3.031536
Mg	0.371419	-2.356918	3.341836

15
Al4Mg11

Al	-1.026718	0.815580	0.171952
Al	0.066112	-1.500810	0.811756
Al	0.505192	-0.446109	-1.568934
Al	1.576532	0.657971	0.582254
Mg	-3.919662	1.713848	0.036442
Mg	-2.807551	-1.104151	2.062326
Mg	-2.455847	-1.706250	-1.208797
Mg	-1.887397	1.106283	-2.927208
Mg	-0.189785	0.571329	3.280411
Mg	0.228760	3.391603	1.544656
Mg	0.271809	-3.617890	-1.552746
Mg	0.728355	2.776726	-1.697912
Mg	2.502434	-1.366117	2.856429
Mg	3.005773	-2.086556	-0.370008
Mg	3.401992	0.794544	-2.020620

15
Al5Mg10

Al	-1.526359	-0.435799	-1.457022
Al	-0.719929	-1.154739	0.926515
Al	-0.293804	1.368124	0.030929
Al	1.121761	-0.716357	-0.968872
Al	1.584214	0.166424	1.450900
Mg	-3.377065	-2.538491	-0.013815
Mg	-3.271307	0.781982	0.952773
Mg	-2.453441	2.548324	-1.908880
Mg	-0.807938	0.774407	3.372689
Mg	-0.364806	-3.389242	-1.488757
Mg	0.387641	1.182855	-3.328370
Mg	1.209111	3.245554	2.039948
Mg	1.737311	-3.001883	1.344203
Mg	2.653313	2.095934	-0.887633
Mg	4.121296	-0.927093	-0.064606

15
Al6Mg9

Al	-1.085945	-0.093127	1.324799
Al	-0.975130	-0.964151	-1.172597
Al	-0.512979	1.617846	-0.612175
Al	1.008490	-1.639148	0.467631
Al	1.458790	0.875882	1.013446
Al	1.463523	0.072553	-1.541503
Mg	-3.847569	-1.040523	-0.078885
Mg	-3.268034	2.196316	0.624097
Mg	-1.518873	-3.281586	1.073057
Mg	-0.693281	0.924908	-3.689623
Mg	-0.416844	2.872529	2.408726
Mg	0.978563	-0.946338	3.553095
Mg	1.151538	-2.953315	-2.401816
Mg	2.235770	3.104159	-1.087113
Mg	4.021982	-0.746005	0.118863

15
Al7Mg8

Al	-1.897825	0.065801	-0.007326
Al	-0.343023	-0.937176	1.954498
Al	-0.262229	0.958170	-1.956833
Al	0.310308	-1.331334	-0.638726
Al	0.396850	1.306796	0.641444
Al	2.192030	-0.646198	1.183473

Al	2.240565	0.492486	-1.166406
Mg	-2.167481	-3.041225	0.474696
Mg	-2.100797	-1.477452	-2.752475
Mg	-2.014572	1.620137	2.736587
Mg	-1.947882	3.183934	-0.490520
Mg	1.269222	-3.631288	1.319427
Mg	1.371293	-1.236042	-3.623518
Mg	1.425704	1.139088	3.634261
Mg	1.527838	3.534302	-1.308581

15

Al8Mg7

Al	-1.070407	1.371622	-2.025037
Al	1.068441	-0.071959	-1.380455
Al	0.315440	-2.429029	-0.375268
Al	-1.398796	-0.432488	-0.113396
Al	2.649520	1.254578	0.283850
Al	0.073415	1.916493	0.306395
Al	0.980900	-0.505834	1.354373
Al	-1.208196	0.688786	2.278959
Mg	-1.026140	-1.578502	-3.181619
Mg	1.698384	2.940811	-2.252390
Mg	-2.740159	-3.196416	-0.594768
Mg	3.453727	-1.812854	-0.177077
Mg	-3.114575	2.246163	0.256633
Mg	-1.206889	-2.474671	2.467142
Mg	1.525335	2.083301	3.152658

15

Al9Mg6

Al	-2.204266	0.071381	-0.255142
Al	-0.976133	-1.883144	-1.607109
Al	-0.866927	-1.881370	1.087092
Al	-0.795966	0.698439	-2.441414
Al	-0.754660	0.689552	1.970790
Al	-0.578421	2.253070	-0.249037
Al	0.676356	-0.173930	-0.392161
Al	1.423503	-0.859805	2.077563
Al	1.603635	1.721775	1.243277
Mg	-3.471264	-0.871702	2.502623
Mg	-3.229302	2.594818	1.382466
Mg	1.651407	-1.159073	-3.229859
Mg	1.671779	-3.191620	-0.202319
Mg	2.050412	2.234417	-1.955870
Mg	3.799848	-0.242806	0.069098

15

Al10Mg5

Al	1.133469	-1.016026	-2.405383
Al	1.143225	1.586318	-1.519277
Al	-0.456137	-0.288382	-0.438729
Al	-1.209913	2.226009	-0.229839
Al	0.817522	-2.650497	-0.202661
Al	2.349280	-0.417116	-0.093353
Al	-1.552333	-2.113092	1.108155
Al	0.941372	1.539787	1.200384
Al	-1.482523	0.513795	1.915638
Al	0.750341	-1.070214	1.998357
Mg	-1.420157	0.872756	-3.206901
Mg	-1.685782	-2.655907	-2.117918
Mg	-3.596208	-0.016116	-0.360248
Mg	3.752537	2.405453	0.058501
Mg	0.515308	1.083232	4.293273

15

Al11Mg4

Al	-1.936865	-0.111692	0.980882
Al	-1.604165	-1.952329	-1.023363
Al	-1.590239	0.711519	-1.638344
Al	-0.410430	2.121775	0.434937
Al	-0.341981	-2.274702	1.399890
Al	0.211510	-0.927809	-2.827548
Al	0.438000	0.258797	2.317759
Al	0.529016	-0.381751	-0.248511
Al	0.938351	-2.856345	-0.987824
Al	0.942390	1.649989	-1.904809
Al	2.197964	1.461270	0.564616
Mg	-3.551095	2.465390	0.049935

Mg	-1.892518	2.124084	3.245969
Mg	2.826297	-1.696319	1.476323
Mg	3.243765	-0.591876	-1.839912
15			
Al12Mg3			
Al	-2.210855	-1.209306	1.897299
Al	-2.185196	-1.863998	-0.847867
Al	-1.432866	1.490214	2.166704
Al	-1.337736	0.433542	-2.303432
Al	-0.870162	2.518197	-0.429876
Al	-0.617101	-0.022220	0.178726
Al	-0.100443	-2.600296	0.804492
Al	0.358222	-0.555354	2.642365
Al	0.390172	-1.621232	-1.743406
Al	1.138743	1.716252	1.256118
Al	1.208437	1.065660	-1.487313
Al	1.967598	-0.815893	0.416780
Mg	-3.680551	0.912899	-0.097206
Mg	3.388219	-1.051291	-2.419371
Mg	3.983516	1.602824	-0.034014
15			
Al13Mg2			
Al	-2.000534	-1.290135	1.328384
Al	-1.930660	0.997136	-0.268410
Al	-1.277566	-1.539443	-1.350056
Al	-0.910623	1.088999	2.327236
Al	0.127028	-2.958119	0.580524
Al	0.252819	0.742425	-2.044182
Al	0.290653	-0.301340	0.400608
Al	0.345001	-1.353763	2.848010
Al	0.501515	2.344053	0.280394
Al	1.498346	-1.698324	-1.517188
Al	1.882755	0.874406	2.189583
Al	2.510086	-1.606351	1.087196
Al	2.588259	0.680800	-0.518324
Mg	-2.644041	0.469728	-3.318508
Mg	-1.233037	3.549927	-2.025268
15			
Al14Mg1			
Al	-3.069662	-1.860929	-0.438323
Al	-2.366006	0.477719	0.552868
Al	-1.148662	-0.696021	-1.814880
Al	-1.119838	2.062269	-1.403748
Al	-0.775827	-1.940033	0.855601
Al	-0.726248	2.605927	1.315343
Al	-0.550583	0.162916	2.673543
Al	0.273556	0.413601	0.154485
Al	1.176354	0.730549	-2.342362
Al	1.357358	-1.721785	-0.991559
Al	1.409095	2.762506	-0.458709
Al	1.745087	-1.167039	1.731159
Al	1.758879	1.595470	2.046522
Al	2.929805	0.442949	-0.202714
Mg	-0.893307	-3.868100	-1.677225
15			
Al15Mg0			
Al	0.672646	-0.385921	-2.434310
Al	-1.784998	1.139322	-1.937023
Al	-1.927593	-1.435790	-1.568177
Al	0.459492	2.393275	-1.515704
Al	0.174283	-2.756909	-0.777992
Al	2.561348	1.072161	-0.725448
Al	2.418749	-1.502953	-0.356573
Al	0.000001	-0.000002	-0.000009
Al	-2.826209	0.220565	0.447356
Al	-1.448049	2.431316	0.477613
Al	-1.695049	-2.028964	1.116489
Al	1.061296	2.392582	1.177104
Al	0.814291	-2.067684	1.816009
Al	2.192435	0.143075	1.846337
Al	-0.672642	0.385928	2.434328
20			
Al0Mg20			
Mg	-0.775964	-1.344815	-4.805012

Mg	-0.234165	2.096401	-3.794462
Mg	2.493655	-0.338050	-3.291320
Mg	-3.385949	0.500601	-2.979094
Mg	0.848094	-3.518383	-2.397771
Mg	-2.721488	-2.946610	-2.121608
Mg	-0.441030	-0.467420	-1.537337
Mg	1.737058	2.191284	-0.807326
Mg	4.885546	0.743698	-0.795755
Mg	-1.795657	2.623166	-0.495855
Mg	2.458658	-1.552584	0.123969
Mg	-3.288630	-0.500628	0.535635
Mg	-0.710921	-3.004740	0.904117
Mg	-0.057773	0.391490	1.618600
Mg	0.491341	3.722303	2.179593
Mg	3.180841	1.201870	2.367080
Mg	-2.660066	2.127382	2.998108
Mg	1.573536	-1.892534	3.576311
Mg	-1.995646	-1.319818	3.855641
Mg	0.398560	1.287386	4.866488

20
Al1Mg19

Al	-1.154735	1.034080	0.035357
Mg	2.580313	-0.799887	-3.600195
Mg	-0.949821	0.001979	-3.057998
Mg	0.219109	-3.461605	-2.868547
Mg	-1.731309	3.225900	-2.277872
Mg	1.414194	2.079524	-1.701859
Mg	-3.937704	0.738712	-1.594175
Mg	3.476771	-3.397790	-1.140780
Mg	-2.207428	-2.003010	-0.579631
Mg	1.041713	-1.079045	-0.563639
Mg	4.255062	0.100429	-0.493766
Mg	-0.142387	4.058274	0.611516
Mg	-3.434720	3.233410	0.678319
Mg	0.434438	-4.206491	0.690114
Mg	1.653829	1.384943	1.626702
Mg	-3.727802	0.016566	1.722527
Mg	2.870887	-1.933157	2.232232
Mg	-0.637063	-1.197501	2.336568
Mg	-1.338673	2.040081	3.101471
Mg	1.315325	0.164587	4.843656

20
Al2Mg18

Al	0.577622	-0.689165	-1.069414
Al	-0.365396	1.078482	0.809717
Mg	0.629672	0.305773	-4.180377
Mg	1.691654	-2.805581	-3.295170
Mg	-1.602872	-2.030102	-3.103701
Mg	3.498685	-0.065067	-2.391762
Mg	-1.842874	1.194993	-2.048907
Mg	1.306340	2.396327	-1.598581
Mg	-0.123043	-3.836776	-0.598127
Mg	-1.347301	4.011532	-0.240903
Mg	3.058391	-2.632603	-0.197745
Mg	-2.314716	-1.357234	0.115109
Mg	-3.579960	1.675867	0.836005
Mg	2.817371	0.592623	0.856410
Mg	1.521707	3.640690	1.547712
Mg	0.627605	-1.737551	1.949431
Mg	-2.069214	-3.795861	2.532079
Mg	-1.494643	3.166986	3.054090
Mg	-2.070327	-0.186698	3.282176
Mg	1.081299	1.073365	3.741956

20
Al3Mg17

Al	-1.441354	-0.019033	-0.660732
Al	-0.017247	0.916380	1.293995
Al	1.131254	-0.610758	-0.531892
Mg	-3.910223	-1.865328	-0.030642
Mg	-3.416851	-0.439976	-3.063177
Mg	-3.178542	2.472384	-1.198943
Mg	-3.133951	0.865474	1.869061
Mg	-1.248125	3.740399	1.450821
Mg	-0.968361	-2.065421	1.693887

Mg	-0.948656	-2.907057	-1.676323
Mg	-0.786957	0.186177	4.256326
Mg	-0.091414	-0.102437	-3.508892
Mg	0.269067	2.538305	-1.410664
Mg	1.354894	2.694423	3.486542
Mg	1.766137	-3.564261	0.418892
Mg	2.163447	-0.862925	2.595358
Mg	2.294914	-2.489402	-2.800701
Mg	2.909708	1.868757	0.610439
Mg	3.036374	0.871972	-2.629378
Mg	4.215887	-1.227675	-0.163976

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Al4Mg16

Al	-1.394760	-0.997082	-0.019985
Al	-0.510935	1.271168	0.912411
Al	0.272883	0.468606	-1.510973
Al	1.112423	-0.825262	0.664077
Mg	-3.763502	-2.886627	-0.096454
Mg	-3.507285	0.339072	1.816331
Mg	-2.770056	1.615467	-1.298166
Mg	-2.269436	3.631086	1.773972
Mg	-2.169988	-1.203824	-3.017976
Mg	-0.649578	-0.766688	3.296299
Mg	-0.430772	-3.581793	1.436851
Mg	-0.102987	3.681684	-1.025117
Mg	0.561909	-2.823143	-1.742015
Mg	0.735178	2.504122	3.412704
Mg	0.925266	-0.559786	-4.366880
Mg	2.244184	2.320867	-3.070743
Mg	2.530865	1.984247	0.416941
Mg	2.865850	-0.297708	3.105069
Mg	3.055218	-3.178270	0.928008
Mg	3.265520	-0.696136	-1.614354

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Al5Mg15

Al	1.010575	0.261545	-1.333077
Al	-1.171890	1.624175	-0.697109
Al	-1.137213	-0.956406	-0.112601
Al	1.348305	-1.524646	0.595604
Al	0.404214	0.851302	1.285581
Mg	1.952250	-0.169005	-4.217580
Mg	0.055056	2.666239	-3.367475
Mg	-1.533275	-0.315818	-3.243756
Mg	0.451342	-2.795517	-2.225749
Mg	3.598381	-1.761027	-1.549938
Mg	-3.998869	0.360865	-1.083704
Mg	1.576197	3.306743	-0.449253
Mg	3.549023	0.841829	0.562612
Mg	-0.454052	-4.068149	0.734579
Mg	-3.578474	-2.472735	0.953257
Mg	-1.067716	3.784126	1.551780
Mg	-2.742605	0.886209	2.004335
Mg	-0.744299	-1.610508	3.029341
Mg	2.472968	-0.639628	3.367908
Mg	0.010084	1.730406	4.195248

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Al6Mg14

Al	-1.841457	0.739680	0.310210
Al	-0.584223	-0.048523	-1.921098
Al	-0.205069	0.410699	2.375900
Al	-0.141733	-1.398220	0.414060
Al	0.840241	1.199197	0.049824
Al	1.854956	-0.880807	-1.280210
Mg	-3.554437	1.012798	-2.360574
Mg	-3.066699	1.596664	3.118500
Mg	-2.984590	-1.985431	-0.980300
Mg	-2.708472	-1.635445	2.326751
Mg	-1.048839	3.134723	-1.698273
Mg	-0.766706	3.500795	1.606527
Mg	-0.149501	-3.239761	-2.214909
Mg	0.350069	-2.574497	3.332645
Mg	1.160699	-1.053643	-4.384243
Mg	1.792298	1.896462	-2.935197
Mg	2.089305	-3.664894	0.245850

Mg	2.242305	2.430696	2.630756
Mg	2.740308	-0.780789	1.819827
Mg	3.981546	1.340297	-0.456046
20			
Al7Mg13			
Al	-0.318360	-0.636845	-1.258137
Al	-0.211763	2.052633	-0.754748
Al	2.026570	0.597674	-0.750202
Al	-2.146227	0.562051	0.323721
Al	1.474917	-1.858528	0.357439
Al	-1.089163	-1.880430	1.017330
Al	0.343805	0.390042	1.348825
Mg	0.809402	0.999210	-3.689246
Mg	-2.505611	0.970930	-2.836069
Mg	2.414094	-1.898176	-2.625604
Mg	2.305172	3.515362	-1.970197
Mg	-0.365203	-3.739943	-1.543124
Mg	-3.350878	-1.947396	-1.141910
Mg	-3.025761	3.469893	-0.598172
Mg	2.096430	2.995071	1.377809
Mg	0.469121	-4.546561	1.671881
Mg	3.563743	-0.115415	1.900295
Mg	-1.218584	2.966723	2.231022
Mg	-2.201423	-0.164702	3.383998
Mg	0.929720	-1.731592	3.555088
20			
Al8Mg12			
Al	-2.098991	-1.021494	-0.275171
Al	-1.709301	0.077842	2.158772
Al	-0.541467	1.143200	-0.015004
Al	0.206545	-1.488937	1.042143
Al	0.234614	-0.971854	-1.669067
Al	0.862703	0.850716	2.261356
Al	0.964665	1.546054	-2.144053
Al	2.046575	0.186558	-0.060523
Mg	-3.696877	1.653200	0.284008
Mg	-2.402736	-2.995365	2.171343
Mg	-2.158083	0.863342	-2.803130
Mg	-1.207504	3.216537	2.319697
Mg	-1.031263	3.884289	-1.402028
Mg	-0.872565	-3.835502	-0.926458
Mg	0.053586	-1.462437	4.259653
Mg	0.471192	-0.248203	-4.706053
Mg	1.912018	3.271649	0.434255
Mg	2.501405	-2.938247	-0.592419
Mg	3.110209	-1.340110	2.483859
Mg	3.355276	-0.391236	-2.821180
20			
Al9Mg11			
Al	-0.594608	0.369999	-1.797814
Al	-0.998266	-2.263750	-1.329841
Al	1.511438	-1.236463	-1.202538
Al	-2.682841	-0.385558	-0.259219
Al	1.443282	1.270155	-0.162037
Al	-1.147437	1.767220	0.457000
Al	-0.285420	-0.822173	0.808006
Al	2.334965	-0.791387	1.345786
Al	0.645587	1.084707	2.412483
Mg	0.410229	-1.541909	-4.115701
Mg	-3.061110	-0.991091	-3.337785
Mg	0.149047	3.406288	-2.060164
Mg	-3.207800	2.264396	-1.876623
Mg	4.296792	0.174755	-0.995932
Mg	1.092357	-3.715527	0.683805
Mg	0.830406	4.048118	1.364677
Mg	-2.419939	-3.078012	1.391869
Mg	3.656308	1.976080	2.054270
Mg	-2.447639	0.263440	2.904291
Mg	0.474648	-1.799288	3.715467
20			
Al10Mg10			
Al	-2.051502	0.383264	-1.930470
Al	-1.265749	-2.213726	-1.489902
Al	0.443862	-0.196381	-1.149014

Al	1.859832	1.830103	-0.140610
Al	-0.858876	1.944178	-0.018836
Al	2.620367	-0.774883	0.277525
Al	-1.823483	-0.573742	0.578279
Al	0.326600	-2.219404	0.705744
Al	0.592676	0.300729	1.705820
Al	-1.745045	1.337197	2.426398
Mg	-0.196388	-0.898204	-4.165921
Mg	0.250199	2.475337	-2.902352
Mg	3.185375	0.361094	-2.625227
Mg	1.841002	-2.972178	-1.956673
Mg	-4.324671	-1.656642	-1.006994
Mg	-4.017721	1.748242	0.215935
Mg	0.629472	3.463367	2.337391
Mg	3.515398	1.310083	2.490601
Mg	2.279083	-1.986088	3.176340
Mg	-1.260431	-1.662346	3.471966

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Al11Mg9

Al	-2.395231	-0.451152	-1.010292
Al	-1.197390	1.887756	-0.204733
Al	-1.047187	-0.414551	1.309607
Al	-0.870443	1.960788	2.519005
Al	-0.688713	-2.528821	-0.303412
Al	0.261787	-0.208771	-1.245597
Al	0.798262	-0.070756	3.210223
Al	1.183182	2.294304	-1.515694
Al	1.227654	1.342229	0.981263
Al	1.500950	-1.397425	0.913015
Al	2.869743	0.240896	-0.817058
Mg	-3.801049	1.167677	1.439166
Mg	-3.474917	-2.445602	1.200998
Mg	-1.400964	1.575874	-3.330407
Mg	-1.098583	-2.063729	-3.413813
Mg	-0.314345	-3.077229	2.883471
Mg	0.458559	4.392628	0.843911
Mg	1.968474	0.304352	-3.857294
Mg	2.140318	-2.735763	-1.863419
Mg	3.879893	0.227296	2.261059

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Al12Mg8

Al	-2.558938	0.443717	-0.580075
Al	-1.748512	-1.606141	1.190808
Al	-1.306799	0.151161	-3.010827
Al	-0.669697	0.859040	1.323620
Al	-0.329130	1.911007	-1.232055
Al	-0.217456	-0.896123	-0.844459
Al	0.845101	3.038034	0.979207
Al	1.012564	-1.354132	1.525194
Al	1.413803	0.321426	-2.635990
Al	1.651332	1.052220	2.641776
Al	1.897729	0.785090	-0.012213
Al	2.306238	-1.696612	-0.930687
Mg	-3.641506	0.616776	2.397695
Mg	-2.805512	-2.469380	-1.765093
Mg	-2.340994	3.473141	0.611373
Mg	-0.666852	-0.651467	4.110585
Mg	0.130661	-3.947191	-0.054028
Mg	0.441932	-2.564922	-3.455532
Mg	2.455345	3.287352	-1.840413
Mg	4.130690	-0.752996	1.581112

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Al13Mg7

Al	-2.533828	1.416870	-0.353463
Al	-2.344312	-0.871922	1.101807
Al	-2.008042	-0.943646	-1.595988
Al	-0.645761	2.577586	1.221396
Al	-0.452754	0.290948	2.679605
Al	-0.309633	2.505852	-1.475661
Al	-0.114919	0.214096	-0.020017
Al	0.068409	-2.069896	1.443491
Al	0.220285	0.147366	-2.720258
Al	0.406933	-2.142088	-1.272279
Al	1.772076	1.380234	1.557147

Al	2.108844	1.308376	-1.144913
Al	2.308058	-0.973358	0.313577
Mg	-3.314968	1.694628	2.725249
Mg	-2.534150	1.527998	-3.539915
Mg	-2.080024	-3.792453	-0.158456
Mg	1.851768	4.224289	0.118438
Mg	2.217644	-4.131509	0.386246
Mg	2.302039	-1.098478	3.496906
Mg	3.082335	-1.264893	-2.762914

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Al14Mg6

Al	-2.514365	0.925101	-0.803720
Al	-2.089938	0.389187	1.817961
Al	-1.933464	-1.635918	-1.420788
Al	-1.509114	-2.171622	1.200038
Al	-0.569983	0.402723	-2.702668
Al	-0.249096	2.408975	-0.874470
Al	-0.136238	-0.150701	-0.008695
Al	0.177444	1.870327	1.760832
Al	0.302512	-0.698581	2.685581
Al	0.704602	-1.921378	-1.906749
Al	1.129065	-2.457313	0.714920
Al	1.940743	0.472537	-1.624844
Al	2.216970	2.451905	0.142399
Al	2.367461	-0.066258	1.010403
Mg	-4.473624	-1.247228	0.469409
Mg	-2.488408	3.482433	1.114710
Mg	-0.754959	-4.535585	-0.804839
Mg	1.484547	2.985041	-3.370883
Mg	2.619200	1.553979	3.633506
Mg	3.776646	-2.057625	-1.032100

20

Al15Mg5

Al	0.836983	0.344665	-3.074626
Al	-1.501435	-0.183740	-1.800108
Al	2.807473	0.882967	-1.269299
Al	0.355339	1.889517	-0.951273
Al	1.094317	-1.119747	-0.860533
Al	-2.311714	2.012916	-0.214331
Al	-1.250685	-2.414837	-0.091992
Al	-3.268893	-0.549013	0.320023
Al	-0.685750	0.083521	0.723574
Al	1.843191	0.729993	1.264195
Al	-0.265585	2.571904	1.660287
Al	0.833575	-1.845427	1.817597
Al	-2.511889	1.116409	2.408783
Al	-1.844222	-1.582998	2.484948
Al	-0.002832	0.343256	3.312347
Mg	-1.568752	2.564452	-3.337631
Mg	-0.287638	-2.724030	-3.198369
Mg	1.342403	-4.211990	-0.209238
Mg	2.533681	3.685175	0.420872
Mg	3.852432	-1.592994	0.594774

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Al16Mg4

Al	0.138998	-0.379361	-3.385848
Al	-0.350056	-2.683224	-1.936414
Al	0.620068	1.701890	-1.698522
Al	1.723202	-1.016827	-1.322343
Al	-1.289630	-0.338254	-1.152815
Al	2.939065	1.264069	-0.203271
Al	-2.324507	-2.494751	-0.009285
Al	-1.553760	2.052431	0.152224
Al	0.537462	0.391055	0.637117
Al	0.983389	3.049043	0.694759
Al	0.250565	-2.281361	0.696102
Al	2.701673	-1.079221	1.294993
Al	-1.818834	-0.392364	1.644315
Al	2.245149	1.364015	2.492577
Al	-0.481939	1.790784	2.703190
Al	0.559008	-0.779652	3.058910
Mg	3.146122	0.870514	-3.406160
Mg	-2.198401	1.954284	-3.069888
Mg	-4.237914	0.202952	-0.274477

Mg	-1.589657	-3.196023	3.084836
20			
Al17Mg3			
Al	1.228284	1.888938	-3.186518
Al	2.820390	0.165589	-1.703920
Al	-0.744915	2.849253	-1.487367
Al	-1.427757	-1.782565	-1.414801
Al	0.206278	0.381504	-1.331632
Al	1.352193	-2.041202	-0.616738
Al	1.840691	2.494994	-0.614617
Al	-2.374677	0.764096	-0.390384
Al	-0.724842	-3.361183	0.759977
Al	-2.965259	-1.674775	0.896105
Al	-0.484298	-0.716782	0.909637
Al	2.062629	0.210016	0.914632
Al	-0.292337	1.982680	1.057683
Al	1.343047	-2.164917	2.201780
Al	-2.272739	0.556775	2.421392
Al	-1.283413	-1.956845	3.120440
Al	0.409682	0.285387	3.208594
Mg	0.928527	-1.445850	-3.756857
Mg	-1.930830	0.706535	-3.583239
Mg	2.309343	2.858352	2.595834
20			
Al18Mg2			
Al	-0.341139	1.138887	-3.299991
Al	-2.331663	-0.588447	-2.338967
Al	0.377680	-1.318061	-2.137515
Al	-2.596572	2.163130	-1.947370
Al	1.865411	1.168128	-1.542529
Al	-0.040886	3.220154	-1.451030
Al	-0.725231	0.765286	-0.711151
Al	0.990078	-3.189555	-0.000147
Al	-1.394036	-1.800730	0.008608
Al	-3.201505	0.371642	0.157122
Al	1.127843	-0.609046	0.391550
Al	-1.802244	2.759559	0.669246
Al	3.329359	0.695698	0.898837
Al	0.965986	2.158631	0.970968
Al	2.807175	-1.981030	1.829597
Al	-1.027548	0.403388	1.969360
Al	0.084701	-2.112730	2.375191
Al	1.548722	0.206059	2.929840
Mg	3.532314	-1.645903	-1.370477
Mg	-3.168447	-1.805061	2.598854
20			
Al19Mg1			
Al	-0.586701	-0.519959	-3.107354
Al	-1.246132	2.237503	-2.942136
Al	1.422066	1.415875	-2.679709
Al	-2.872881	0.329247	-1.686984
Al	1.549203	-1.027492	-1.319209
Al	0.406093	3.370108	-0.948747
Al	-0.416639	0.861323	-0.859747
Al	-1.304052	-1.749396	-0.659707
Al	-2.239294	2.700798	-0.337265
Al	2.144745	1.390745	0.078540
Al	0.899238	-3.019911	0.584720
Al	-2.291224	0.268382	1.103818
Al	2.945053	-1.146444	1.104538
Al	0.383382	-0.484707	1.128145
Al	-0.193546	2.192356	1.562357
Al	-1.349895	-2.233132	2.097289
Al	1.929587	0.806775	2.836985
Al	1.216932	-1.906537	3.177982
Al	-0.715796	0.137530	3.448376
Mg	0.319859	-3.623063	-2.581893
20			
Al20Mg0			
Al	-3.078800	0.854905	-1.991049
Al	-2.336517	-0.027625	0.379625
Al	-1.947806	-1.646758	-1.967598
Al	-1.840188	-2.742126	0.677845
Al	-1.747756	2.672894	-0.422249

Al	-1.628382	1.832284	2.314304
Al	-0.510711	-0.822944	2.366452
Al	-0.449984	0.801330	-2.181648
Al	-0.050192	-3.695119	-1.232836
Al	0.082495	-1.223965	-0.335359
Al	0.192320	1.147653	0.513071
Al	0.288976	3.628798	1.387301
Al	0.771680	-1.594453	-2.868311
Al	0.828692	-3.100823	1.388755
Al	0.983530	2.979999	-1.231803
Al	1.038940	1.439594	3.013063
Al	2.168874	-0.602207	1.402568
Al	2.180133	0.359405	-1.286870
Al	2.422212	-2.400639	-0.774791
Al	2.632484	2.139798	0.849531

25
Al0Mg25

Mg	-4.732074	-1.958839	0.492657
Mg	-3.854306	1.382333	1.760887
Mg	-3.114646	-1.640895	3.864050
Mg	-3.207138	0.570078	-1.711781
Mg	-3.199549	4.082296	-1.151857
Mg	-2.070806	-4.306866	1.513797
Mg	-2.098874	-2.891469	-1.935001
Mg	-1.516710	-1.010648	0.961419
Mg	-1.479841	-0.530065	-4.746277
Mg	-0.743230	2.307431	0.404931
Mg	-0.554368	1.001237	3.690376
Mg	-0.639269	2.748657	-3.244269
Mg	0.195483	-0.243327	-1.816829
Mg	0.533380	-2.443095	3.411941
Mg	0.448677	5.215167	-0.910861
Mg	1.020120	-3.263876	-0.101731
Mg	1.144663	-2.897123	-3.713604
Mg	1.693919	-0.013718	1.173316
Mg	2.157514	3.249061	2.157794
Mg	2.077178	0.574383	-4.511490
Mg	2.503611	2.343369	-1.334783
Mg	3.006862	0.259725	4.268025
Mg	3.577892	-1.128813	-1.560322
Mg	3.939786	-2.440625	1.910454
Mg	4.911727	1.035621	1.129159

25
Al1Mg24

Al	1.355807	-0.978355	0.138732
Mg	-1.024035	-0.371493	-4.853847
Mg	-4.178356	0.368976	-3.034565
Mg	-2.711341	-3.090432	-3.002622
Mg	-1.303532	2.776621	-2.875833
Mg	1.685181	0.693732	-2.680217
Mg	0.953435	-2.652010	-2.643544
Mg	1.964946	4.204903	-1.790072
Mg	4.010713	-1.534210	-1.620971
Mg	-1.281805	-0.426577	-1.475765
Mg	3.600436	1.400921	0.069801
Mg	-1.118556	5.053916	0.101660
Mg	2.453284	-4.013706	0.111279
Mg	-4.075322	-1.669022	0.114694
Mg	-3.230378	2.029700	0.119662
Mg	0.287077	1.975597	0.132409
Mg	-0.875204	-3.353378	0.162397
Mg	4.081531	-1.520610	1.780357
Mg	-1.307827	-0.391745	1.861039
Mg	2.076231	4.240109	1.904941
Mg	1.783735	0.717869	2.887992
Mg	1.056171	-2.627875	2.894922
Mg	-1.111505	2.869117	3.152748
Mg	-2.452063	-3.239281	3.342961
Mg	-0.638624	-0.462767	5.201843

25
Al2Mg23

Al	-1.826818	-1.109091	-1.613507
Al	1.281062	1.621981	1.702604
Mg	-1.837209	-2.245112	-4.602318

Mg	-2.301594	1.078050	-3.920441
Mg	0.755631	-0.324812	-3.459736
Mg	-4.693400	-1.191705	-3.023818
Mg	0.292377	-3.493127	-2.224973
Mg	-3.082699	-4.028334	-1.966288
Mg	3.694433	-1.888719	-1.907043
Mg	-0.459108	1.904269	-1.138024
Mg	2.969081	1.620268	-1.097986
Mg	-3.803531	1.351908	-0.882680
Mg	0.968785	-0.910371	-0.158183
Mg	1.503235	4.421574	0.139319
Mg	-4.304245	-1.789201	0.318027
Mg	-1.266562	-3.220083	0.820123
Mg	2.359297	-3.800316	0.918643
Mg	-1.701169	0.125981	1.490602
Mg	3.831926	-0.382727	1.551717
Mg	-1.359204	3.499879	1.725426
Mg	4.155015	3.020603	1.791392
Mg	0.946772	-1.275111	3.181740
Mg	1.468020	4.222691	3.550430
Mg	-0.499533	1.554207	4.377655
Mg	2.909439	1.237297	4.427319

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Al3Mg22

Al	-0.961443	0.488614	2.215886
Al	-0.780551	0.448759	-0.602097
Al	1.446409	-0.767426	-1.841797
Mg	-3.884137	0.136540	3.570145
Mg	-3.634403	0.127138	-2.196044
Mg	-3.397270	1.881290	0.692626
Mg	-3.010395	-1.486357	0.714962
Mg	-2.221463	3.115266	3.634745
Mg	-1.975909	3.098343	-2.131597
Mg	-1.562993	-2.367181	3.657000
Mg	-1.337284	-2.359115	-2.104560
Mg	-1.055846	0.471061	5.455012
Mg	-0.699837	0.474227	-3.853023
Mg	-0.329129	3.317172	0.819141
Mg	0.291729	-2.145642	0.837290
Mg	0.965958	-2.393454	-4.603198
Mg	1.126008	2.450229	3.761475
Mg	1.344008	2.444404	-2.000367
Mg	1.546185	-0.943964	3.731001
Mg	1.594053	-4.014055	-1.663285
Mg	1.963387	0.849139	0.902241
Mg	2.628674	0.585254	-4.538576
Mg	3.612738	-2.022005	0.248440
Mg	4.048404	-2.191564	-3.146633
Mg	4.283108	0.803326	-1.558788

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Al4Mg21

Al	-1.535595	-0.347878	0.562680
Al	0.327177	1.551145	-0.171935
Al	0.381868	-0.960385	-1.314355
Al	1.068397	-0.587448	1.283097
Mg	-4.588431	0.029462	-0.427488
Mg	-3.696373	0.414104	2.844803
Mg	-3.618925	-2.683312	1.415959
Mg	-2.606465	2.685437	0.503457
Mg	-2.482407	-2.331978	-1.774915
Mg	-1.983528	0.971943	-2.343420
Mg	-1.058066	-1.711168	3.465121
Mg	-0.638090	4.044765	-1.971694
Mg	-0.548737	1.596247	2.959012
Mg	-0.531398	-1.266494	-4.398969
Mg	-0.380339	-3.388658	0.717242
Mg	0.251127	4.418460	1.311197
Mg	0.407521	-3.969513	-2.525601
Mg	1.234832	1.458400	-3.256833
Mg	1.828377	-0.359892	4.414445
Mg	2.623401	3.660683	-1.011050
Mg	2.663441	2.061803	2.048012
Mg	2.723499	-1.636642	-3.439701
Mg	2.731177	-2.921592	-0.244236

Mg	3.290732	0.369793	-0.799510
Mg	4.136805	-1.097281	2.154679
25			
Al5Mg20			
Al	0.845722	-0.268066	-1.393748
Al	-1.000407	1.554868	-0.906102
Al	-1.436513	-0.774739	0.256575
Al	1.000410	-1.554871	0.906096
Al	0.590799	1.042803	1.137161
Mg	1.021986	-1.770026	-4.165718
Mg	0.122216	1.734364	-3.861150
Mg	3.405317	0.366735	-3.130492
Mg	-1.972301	-0.702693	-2.943231
Mg	-2.473430	3.844416	-2.240291
Mg	-0.298079	-3.304796	-1.426847
Mg	2.988413	-2.720335	-1.265174
Mg	1.923130	2.789705	-1.251203
Mg	-4.074899	0.802566	-0.826147
Mg	-3.610179	-2.798434	-0.816091
Mg	3.597345	0.187583	0.265170
Mg	-0.346567	4.145115	0.793322
Mg	-1.208746	-3.652118	1.769854
Mg	-2.462143	1.816154	1.919848
Mg	2.887937	3.027319	2.006436
Mg	-3.909907	-1.257292	2.159269
Mg	2.473381	-3.844403	2.240368
Mg	2.519583	-0.309598	3.389285
Mg	-0.787938	-0.785958	3.436239
Mg	0.204873	2.431702	3.946572
25			
Al6Mg19			
Al	-1.728013	-0.785805	-0.997287
Al	-1.476565	1.099978	0.877688
Al	0.224007	-1.086690	0.905637
Al	0.417197	0.922539	-1.134627
Al	0.642114	-1.683831	-1.663791
Al	1.097330	1.373380	1.395152
Mg	-4.532197	0.319110	-0.192814
Mg	-3.676040	1.726092	2.915326
Mg	-2.794705	-1.647454	1.908058
Mg	-2.432735	2.202790	-1.976208
Mg	-1.800140	-3.055364	-3.244517
Mg	-1.162654	-3.831418	-0.082319
Mg	-0.808906	0.023831	-3.982113
Mg	-0.581294	0.072247	3.808802
Mg	-0.566355	3.351340	3.170017
Mg	-0.240236	3.909788	-0.085248
Mg	0.107536	-3.274558	3.110340
Mg	0.711205	3.089396	-3.342520
Mg	1.905938	-3.704529	-3.525938
Mg	2.204610	-3.581529	0.292474
Mg	2.543825	0.078425	-3.436205
Mg	2.616685	-0.819733	3.068292
Mg	2.954258	2.874652	-0.653032
Mg	3.143795	2.860994	3.065050
Mg	3.231341	-0.433651	-0.200215
25			
Al7Mg18			
Al	-2.123468	0.887783	0.028835
Al	-0.849619	-0.580221	1.918980
Al	-0.745730	-1.352970	-0.655388
Al	-0.545643	0.869396	-2.178892
Al	0.607035	1.011643	0.284905
Al	1.479474	-1.518442	0.896507
Al	1.649826	-0.596855	-1.650194
Mg	-4.055182	3.167797	0.693936
Mg	-3.599969	0.492859	2.959518
Mg	-3.543496	-1.956079	0.705572
Mg	-3.314214	-0.832367	-2.446349
Mg	-3.180078	2.488139	-2.662540
Mg	-1.005679	2.572486	2.551233
Mg	-0.794316	-3.792030	1.367548
Mg	-0.759461	3.721767	-0.700071
Mg	-0.426569	-1.986696	-3.738832

Mg	0.676972	-2.363516	3.989660
Mg	1.137094	-3.805154	-1.374599
Mg	1.502461	0.587250	-4.610426
Mg	1.799262	0.699227	3.226712
Mg	2.077485	3.581548	1.305712
Mg	2.194710	2.559543	-2.015299
Mg	3.779911	0.690161	0.393072
Mg	3.928217	-2.163912	2.616805
Mg	4.110978	-2.381357	-0.906406

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Al8Mg17

Al	-1.218120	1.174040	2.351203
Al	-1.180088	0.132097	-0.090093
Al	-0.421519	-0.978184	-2.447318
Al	-0.281484	-2.430932	-0.152491
Al	0.296977	1.576839	-1.854024
Al	0.539367	-0.801081	1.881183
Al	0.905173	1.733121	0.805270
Al	1.548576	-0.494045	-0.637231
Mg	-4.069341	0.991222	0.951190
Mg	-3.297422	-1.910653	-1.249233
Mg	-2.851272	1.180413	-2.561450
Mg	-2.568352	-1.798396	2.052082
Mg	-1.837555	3.264320	-0.097180
Mg	-1.196511	-4.052476	-2.733636
Mg	-0.797920	-0.852861	4.758650
Mg	-0.460052	1.050478	-4.900203
Mg	-0.079442	4.123162	2.646124
Mg	0.004913	-3.837888	2.689964
Mg	1.201689	4.453339	-0.830126
Mg	1.527106	1.462631	3.964587
Mg	1.999309	-3.132687	-2.346909
Mg	2.443342	-0.055933	-3.653225
Mg	2.731580	-2.982942	0.941884
Mg	3.449864	1.993495	-1.170993
Mg	3.611180	0.192918	1.681973

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Al9Mg16

Al	-2.322593	0.454462	-1.431757
Al	-1.957595	1.615716	1.099178
Al	-1.462425	-1.007303	0.673078
Al	-0.329021	-1.342596	-1.814899
Al	0.099069	1.071738	-0.506026
Al	0.251524	0.504419	2.210648
Al	1.243185	-1.364298	0.446685
Al	2.095062	-0.128442	-1.801407
Al	2.460062	1.032816	0.729543
Mg	-4.609513	-0.001394	0.665405
Mg	-3.333655	-2.562292	-1.336983
Mg	-2.632466	-0.331462	3.525105
Mg	-2.342426	-1.016694	-4.225682
Mg	-1.829586	3.560851	-1.369964
Mg	-1.164180	2.731911	3.944410
Mg	-0.526475	-3.985900	-0.006393
Mg	-0.103751	1.489304	-3.588670
Mg	-0.078782	-2.561603	3.097839
Mg	0.580292	3.665682	1.154717
Mg	1.278551	-1.494517	-4.528657
Mg	2.296301	-3.305153	-1.808039
Mg	2.435941	2.998020	-1.726848
Mg	2.456788	2.254122	3.641441
Mg	2.997498	-1.074326	3.053997
Mg	4.498192	-1.203061	-0.096724

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Al10Mg15

Al	-2.690413	0.127630	0.615973
Al	-1.664994	-2.120650	-0.731231
Al	-1.203248	0.598350	2.905975
Al	-1.052241	0.415574	-1.544378
Al	-0.762799	2.074061	0.658223
Al	-0.141354	-0.687269	0.870643
Al	0.922977	-1.532867	-1.478796
Al	1.385191	1.158355	2.091296
Al	1.468612	1.053073	-0.631858

Al	2.462216	-1.076906	0.762809
Mg	-4.104469	-0.656734	-2.071716
Mg	-3.471874	2.680596	2.316320
Mg	-3.312739	2.650842	-1.191909
Mg	-2.369202	-2.377485	2.465603
Mg	-1.292788	-1.696116	-3.871049
Mg	-0.199168	3.508351	3.500909
Mg	-0.091841	-4.431800	-2.199490
Mg	-0.079290	3.400869	-2.156962
Mg	0.546841	-3.707488	1.079469
Mg	1.108526	-1.497956	3.724526
Mg	1.207880	0.653460	-3.793196
Mg	1.831780	3.951842	0.670264
Mg	3.270231	-3.581581	-0.982375
Mg	3.934062	-0.374348	-1.978962
Mg	4.298101	1.468195	0.969911

25			
Al11Mg14			
Al	-1.668195	-0.243305	0.947984
Al	-1.478965	0.344368	-1.784642
Al	-1.344422	-2.276960	-0.892409
Al	-0.146316	1.925688	0.105305
Al	0.060226	-2.304990	1.572185
Al	0.353371	-1.373664	-2.897488
Al	0.696386	-0.645643	-0.404221
Al	0.784898	0.299172	2.187529
Al	1.109540	1.220466	-2.251211
Al	2.514204	1.192420	0.213382
Al	2.659410	-1.419653	1.148634
Mg	-4.229195	-0.968632	-0.813313
Mg	-3.316322	2.298126	-0.074023
Mg	-2.970741	-3.139594	1.657350
Mg	-2.603848	-1.934988	-3.776136
Mg	-1.604068	2.263950	2.930248
Mg	-1.465384	-1.023859	4.036108
Mg	-1.137747	3.437358	-2.525067
Mg	-0.644138	0.858106	-4.861276
Mg	1.530607	-3.699725	-0.914373
Mg	1.626120	3.382196	2.324311
Mg	1.902581	-2.024950	4.130755
Mg	2.040250	4.002284	-1.117273
Mg	3.469527	-0.936352	-1.988087
Mg	3.862221	0.768180	3.045730

25			
Al12Mg13			
Al	0.590326	1.569683	-2.751006
Al	0.863173	-1.174203	-2.521956
Al	-1.150782	0.118604	-1.304065
Al	1.599598	0.457524	-0.520503
Al	-0.218082	2.555314	-0.339809
Al	0.217675	-1.900418	0.057950
Al	-2.696696	1.519737	0.401777
Al	-2.392061	-1.261819	0.673835
Al	-0.462561	0.501286	1.406805
Al	1.672252	2.058142	1.646459
Al	1.905081	-0.732289	1.898055
Al	-0.540031	-1.803158	2.675483
Mg	-1.443243	-0.158117	-4.451107
Mg	3.538421	0.455651	-3.031867
Mg	-2.422357	2.775704	-2.569968
Mg	-1.848473	-2.879450	-2.132107
Mg	-4.272897	-0.257471	-1.683866
Mg	2.708267	3.407935	-1.108313
Mg	3.278943	-2.247627	-0.671297
Mg	4.454870	0.818101	0.802645
Mg	-1.652904	-4.298514	1.102130
Mg	1.755863	-3.878452	2.073337
Mg	-1.147678	3.379570	2.566547
Mg	-2.933948	0.269570	3.387424
Mg	0.597243	0.704695	4.393419

25			
Al13Mg12			
Al	1.271601	0.575418	-2.789427
Al	0.316034	-1.844833	-1.823258

Al	-0.858986	0.542593	-1.209097
Al	-2.426564	-1.618563	-1.175186
Al	0.976001	2.503537	-0.775520
Al	1.735130	-0.058831	-0.207069
Al	-1.738870	2.776498	-0.089560
Al	1.745415	-2.691432	0.396777
Al	-0.568993	-1.441880	0.728610
Al	-2.641162	0.334764	0.855403
Al	-0.076596	1.275782	1.424232
Al	1.449757	-0.763117	2.414947
Al	-1.220145	-0.470536	3.109710
Mg	-1.469886	-0.588237	-4.106377
Mg	-0.924459	2.954562	-3.249929
Mg	3.423678	-1.816778	-2.260783
Mg	-3.884031	1.178192	-1.929566
Mg	3.952565	1.737623	-1.580173
Mg	-0.915471	-4.385101	-0.398887
Mg	4.368094	-1.134755	1.199628
Mg	0.291358	4.435014	1.650681
Mg	-3.313522	-2.601433	1.799239
Mg	2.931294	2.067135	1.855987
Mg	0.022847	-3.497932	3.055234
Mg	-2.445088	2.532308	3.104382

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Al14Mg11

Al	-0.943186	1.461497	-2.733731
Al	-0.056330	-1.233877	-2.647461
Al	2.603700	-1.296105	-1.740669
Al	1.057199	0.771949	-1.116221
Al	-1.775959	-2.713032	-0.987192
Al	-1.585902	-0.083167	-0.661442
Al	-0.826079	2.495678	-0.108397
Al	0.574475	-1.819392	-0.082297
Al	1.817854	2.415942	0.846040
Al	2.658716	-0.272702	0.858374
Al	0.105429	0.479536	1.514450
Al	-2.508976	1.016039	1.590531
Al	-1.613235	-1.654851	1.593383
Al	1.022069	-1.800613	2.554559
Mg	1.887934	0.748609	-4.165955
Mg	-3.131913	-0.875280	-3.302249
Mg	1.279279	3.767766	-2.083592
Mg	4.121710	1.541585	-1.279753
Mg	-3.757893	2.138076	-1.216837
Mg	-4.413502	-1.219919	0.188843
Mg	3.187610	-3.389155	0.680961
Mg	-0.292940	-4.515267	1.279618
Mg	-0.535155	3.223587	2.951058
Mg	2.297855	0.967986	3.735418
Mg	-1.172759	-0.154890	4.332563

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Al15Mg10

Al	-3.169772	0.241110	1.650241
Al	-2.727069	-0.651284	-0.954499
Al	-1.891545	1.450390	-2.595944
Al	-1.583264	1.703037	0.067984
Al	-0.877331	-0.936231	1.066673
Al	-0.780823	1.273584	2.669473
Al	-0.732449	-2.733026	-0.959777
Al	-0.128005	-0.150128	-1.464150
Al	0.508524	2.470378	-1.601796
Al	1.030866	1.116287	0.689398
Al	1.249953	-0.723369	2.696690
Al	1.442862	-1.976575	-2.536091
Al	1.601157	-1.682047	0.136656
Al	2.510724	0.397565	-1.519974
Al	3.409822	0.040419	1.095605
Mg	-4.588245	1.895642	-0.794840
Mg	-3.272742	-2.985084	1.093176
Mg	-1.667023	-1.395484	4.076831
Mg	-1.625728	-1.618095	-3.824441
Mg	0.070401	4.095675	1.212884
Mg	0.211115	-3.765543	2.006666
Mg	0.915983	0.785773	-4.293149

Mg	2.317505	2.158426	3.364114
Mg	3.358840	3.085937	-0.109073
Mg	4.416244	-2.097355	-1.172655
25			
Al16Mg9			
Al	-3.121755	0.433742	-1.199623
Al	-1.985033	1.757634	0.988569
Al	-1.583507	-0.961495	0.487506
Al	-1.329255	-0.026798	3.023343
Al	-1.296746	-1.469486	-2.167848
Al	-0.546015	1.064011	-1.275998
Al	-0.509771	-3.367551	-0.130810
Al	-0.225075	2.524659	2.876413
Al	0.338770	3.125908	0.224194
Al	0.546208	-1.968289	2.023344
Al	0.580647	0.644285	1.246358
Al	0.956957	-1.197778	-0.695304
Al	1.041420	-0.099475	-3.093382
Al	2.205072	1.221561	-0.866360
Al	2.209747	-3.256922	0.324976
Al	2.895721	-0.711225	1.153739
Mg	-4.348388	-0.177630	1.767623
Mg	-2.384534	3.614944	-1.519817
Mg	-2.305947	-3.161821	2.600179
Mg	-1.846017	0.948365	-4.145895
Mg	0.986509	3.186563	-3.006001
Mg	1.167879	-3.432499	-2.874750
Mg	1.687463	0.116514	4.156515
Mg	2.990733	2.540415	1.950593
Mg	3.874916	-1.347633	-1.847564
25			
Al17Mg8			
Al	-2.342299	1.681172	0.917412
Al	-2.121611	-1.671974	-2.323001
Al	-2.099533	1.095679	-1.883037
Al	-1.572535	-0.730116	0.073095
Al	-0.309638	0.423424	2.291662
Al	-0.262684	-2.370809	1.880106
Al	-0.077658	3.046857	1.844903
Al	-0.012629	-2.856670	-0.913644
Al	0.042428	1.686688	-0.405751
Al	0.203725	-0.357243	-2.314706
Al	1.075969	-0.672629	0.233899
Al	2.046481	-0.992905	2.716740
Al	2.202501	1.487683	1.389738
Al	2.212115	-3.022135	0.784583
Al	2.484299	-1.839506	-1.731802
Al	2.527029	0.955263	-1.387880
Al	3.729140	-0.691981	0.506974
Mg	-4.591631	-0.288473	-0.558749
Mg	-3.080468	-0.923349	2.827046
Mg	-2.835346	-3.600705	0.254742
Mg	-1.712238	4.229451	-0.811587
Mg	0.414476	-2.968135	-4.021319
Mg	0.453788	2.565359	-3.398117
Mg	1.526616	1.754451	4.443400
Mg	2.099702	4.060604	-0.414706
25			
Al18Mg7			
Al	-1.561989	1.016179	-2.645680
Al	-0.327547	-1.496999	-2.417557
Al	2.472738	-1.235499	-2.093268
Al	0.857984	0.952899	-1.510475
Al	1.173905	-3.574764	-1.260016
Al	-1.110451	2.536840	-0.312422
Al	-1.606967	-0.172801	-0.268704
Al	-1.319531	-2.917985	-0.140091
Al	0.813037	-1.281088	0.007996
Al	1.591577	3.008778	0.089318
Al	2.963063	0.411986	0.192262
Al	3.188669	-2.404401	0.336179
Al	0.475610	0.938907	1.347641
Al	0.875995	-3.456150	1.526429
Al	-2.122550	1.245317	1.963702

Al	-0.257951	3.305517	2.139972
Al	-0.835188	-1.350032	2.194590
Al	1.984824	-1.049883	2.457797
Mg	1.039735	0.349536	-4.573297
Mg	0.319875	3.728395	-2.850692
Mg	-3.461517	-1.674999	-2.303464
Mg	-4.113804	1.672846	-0.627359
Mg	-3.872367	-1.520193	1.421358
Mg	2.886435	2.149161	2.906589
Mg	-0.053584	0.818432	4.419192

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Al19Mg6

Al	-2.703955	-1.783016	-0.662418
Al	-2.358078	-0.027633	1.672979
Al	-2.063122	2.599951	0.883271
Al	-1.559570	0.679658	-1.013277
Al	-1.058137	1.689567	3.388501
Al	-0.618097	-3.746541	-0.558295
Al	-0.436944	-1.614312	-2.294050
Al	-0.354074	-1.360090	0.466534
Al	-0.012917	1.091760	-3.193154
Al	0.022250	-0.848175	3.100657
Al	0.134618	1.162006	1.123497
Al	0.201000	2.807983	-1.003974
Al	1.042594	-3.186621	1.714980
Al	1.294008	0.120511	-1.080054
Al	1.753847	1.323787	3.164787
Al	1.831136	-2.509728	-0.818757
Al	2.247717	-0.721017	1.396093
Al	2.442446	2.087141	-2.329351
Al	2.579080	1.996155	0.459797
Mg	-4.601160	0.896202	-0.332781
Mg	-2.979901	-0.314407	-3.608971
Mg	-2.165968	-3.196754	2.283430
Mg	0.616451	4.153779	1.956519
Mg	2.357456	-1.010937	-3.781758
Mg	4.389323	-0.289271	-0.934206

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Al20Mg5

Al	0.758538	-0.952818	-3.086905
Al	1.955782	1.297352	-1.790033
Al	-0.753242	0.747579	-1.709339
Al	-1.242903	-2.075354	-1.481872
Al	0.059684	3.307535	-1.014597
Al	-3.231164	-0.119895	-0.813303
Al	1.278239	-1.172277	-0.515645
Al	2.535324	3.103445	0.338079
Al	0.693811	1.264029	0.572864
Al	-1.969595	2.072963	0.577808
Al	3.211673	0.383391	0.668536
Al	-1.083651	-0.556676	0.702852
Al	-2.885751	-2.456061	0.773720
Al	-0.111565	-3.037949	0.971884
Al	0.115968	3.546087	1.768990
Al	-3.296563	0.059599	1.999350
Al	1.166577	-0.841386	2.331622
Al	2.014952	1.785451	2.794684
Al	-0.780787	1.095223	2.935431
Al	-1.405992	-1.693852	3.065099
Mg	-2.428399	-0.585683	-3.978419
Mg	-2.979755	2.854708	-2.279184
Mg	3.934462	-1.124237	-2.158950
Mg	1.223997	-3.992456	-1.871357
Mg	3.220359	-2.908717	1.198687

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Al21Mg4

Al	-3.111240	1.384621	-0.569546
Al	-2.040891	0.723606	2.026765
Al	-1.921549	3.398045	1.016496
Al	-1.729726	-0.990900	-0.128269
Al	-1.409064	3.264173	-1.787000
Al	-1.257750	-2.129821	2.268378
Al	-1.235157	0.556889	-2.570504
Al	-0.633631	-2.249533	-2.360546

Al	-0.510929	1.492628	-0.070895
Al	0.333622	2.348256	2.342145
Al	0.490347	-2.845770	0.220932
Al	0.535904	-0.275122	1.640372
Al	0.689333	3.829756	-0.023946
Al	0.830718	-0.478660	-1.023880
Al	1.144741	-0.459922	-3.641131
Al	1.153443	2.029253	-2.219406
Al	1.464229	-2.450072	2.712779
Al	2.184195	-2.502089	-2.000557
Al	2.263809	1.524380	0.331885
Al	2.863490	-1.344165	0.529594
Al	3.250547	0.109715	-1.879813
Mg	-3.792153	-1.248038	-2.458143
Mg	-2.370614	-4.048775	-0.197660
Mg	-0.276619	-0.105113	4.608286
Mg	3.084945	0.466658	3.233666

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Al₂₂Mg₃

Al	0.597508	0.870678	-3.730511
Al	0.421265	-1.935138	-3.321167
Al	-1.907315	-0.350540	-3.233071
Al	2.525619	-0.448109	-2.101476
Al	-1.304361	2.152887	-2.014402
Al	-0.016770	-0.191398	-1.426005
Al	1.419584	2.127008	-1.330338
Al	-1.599462	-2.469578	-1.315005
Al	1.158242	-2.576926	-0.682132
Al	-2.706678	0.021829	-0.563257
Al	-0.163068	3.960965	0.024035
Al	-0.600061	1.464078	0.535066
Al	1.901910	-0.022794	0.577434
Al	-0.600067	-1.146449	0.907544
Al	-0.707526	-3.753779	1.097345
Al	-3.003802	-2.135023	1.200738
Al	1.692914	2.541672	1.475972
Al	1.441415	-2.268229	2.155889
Al	-2.320090	0.393179	2.358061
Al	-0.762111	2.865833	2.694188
Al	0.458146	0.370814	2.937587
Al	-1.121856	-1.996806	3.315450
Mg	4.351235	1.682919	-0.328902
Mg	4.130563	-2.178178	0.223005
Mg	-3.285235	3.021088	0.543953

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Al₂₃Mg₂

Al	-2.851401	-0.542771	1.842769
Al	-2.688287	-2.917204	0.322684
Al	-2.678243	-0.414688	-1.026525
Al	-1.632908	2.164442	-1.881975
Al	-1.485322	-0.142094	-3.569606
Al	-1.205986	1.421075	0.764866
Al	-1.200719	-2.657626	2.769511
Al	-0.899600	-2.448244	-1.894030
Al	-0.652207	-1.316126	0.615087
Al	-0.217798	0.020801	3.000614
Al	-0.035758	-3.852524	0.482028
Al	-0.013211	0.135143	-1.442552
Al	0.724873	1.653931	-3.421642
Al	0.955724	2.551007	2.097552
Al	1.026645	2.595922	-0.778514
Al	1.154876	-1.140571	-3.405916
Al	1.366696	0.324444	0.750249
Al	1.540421	-2.068992	2.104023
Al	1.712400	-2.042674	-0.783476
Al	2.613331	0.441804	3.024915
Al	2.723516	0.495906	-1.651464
Al	3.363162	2.000199	0.727834
Al	3.729355	-0.792967	0.734193
Mg	-4.213130	2.015760	0.206862
Mg	-1.136429	4.516048	0.412515

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Al₂₄Mg₁

Al	0.239630	0.900719	-4.079382
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Al	-0.100999	-1.724113	-3.496390
Al	2.320735	-0.508820	-3.007513
Al	-2.177787	0.020665	-2.659292
Al	-0.887739	2.556085	-2.320796
Al	1.838308	2.092926	-1.958235
Al	0.160819	0.113062	-1.478893
Al	-1.646273	-2.516482	-1.432028
Al	1.220445	-2.322654	-1.087882
Al	2.846744	-0.123418	-0.379793
Al	-3.456143	-0.746931	-0.322429
Al	-1.903302	1.420304	-0.101619
Al	0.209435	3.348114	0.065457
Al	2.873809	2.592339	0.465708
Al	-0.861219	-1.064926	0.649033
Al	-0.269140	-3.718413	0.725753
Al	0.827806	0.946099	0.958486
Al	-2.818991	-2.839547	1.222072
Al	1.527521	-1.730424	1.626192
Al	-1.261437	2.268499	2.325820
Al	-2.593918	-0.158089	2.363398
Al	1.289922	2.909303	2.669122
Al	-0.856547	-2.349505	3.040345
Al	0.090081	0.140731	3.342124
Mg	3.388240	0.494477	2.870742

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Al25Mg0

Al	1.393791	-0.742507	-3.609707
Al	-0.788006	0.779325	-3.125285
Al	-0.959448	-2.071023	-2.617392
Al	1.781263	-3.049948	-2.213633
Al	-0.335567	3.300201	-1.876521
Al	-2.965980	-0.317284	-1.853150
Al	-2.908859	2.359024	-1.830004
Al	1.681749	1.459445	-1.815641
Al	3.330217	-0.863285	-1.639982
Al	0.704394	-0.897784	-1.002421
Al	-0.962580	1.070271	-0.484737
Al	-0.018334	-3.500068	-0.283486
Al	-1.791390	-1.566523	0.187382
Al	-1.851120	3.451290	0.430908
Al	2.303428	-2.311469	0.588851
Al	0.885618	2.661376	0.622366
Al	2.750970	0.530093	0.637037
Al	-3.257784	0.957314	0.728627
Al	0.298907	-0.136927	1.482922
Al	-0.001116	-2.575239	2.330021
Al	-1.143026	1.857831	2.497444
Al	-2.167871	-0.688219	2.675533
Al	2.352877	-1.051135	2.980511
Al	1.645931	1.621273	3.031132
Al	0.021937	-0.276033	4.159225

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Al0Mg30

Mg	-5.015153	0.748946	0.436147
Mg	-4.861982	-2.326553	-1.397915
Mg	-3.348509	3.604002	-0.863097
Mg	-3.253809	-2.019070	1.741769
Mg	-3.211119	0.567110	-2.665267
Mg	-3.178443	2.980705	2.629748
Mg	-3.034473	-2.450805	-4.484053
Mg	-2.891744	-5.177508	-2.296463
Mg	-1.534493	0.824207	0.446271
Mg	-1.395025	0.239470	3.961594
Mg	-1.385053	-2.153208	-1.327088
Mg	-1.294764	-4.932870	0.790760
Mg	-0.288200	2.575753	-2.379364
Mg	-0.287583	4.119581	0.826334
Mg	-0.118829	-0.487545	-4.181488
Mg	-0.066180	3.500922	4.329603
Mg	0.125165	-4.027422	-3.843193
Mg	0.221961	-1.983986	1.832749
Mg	1.464463	-0.198613	-1.024188
Mg	1.477680	1.325376	2.091804
Mg	1.786512	-3.738124	-0.729576

Mg	1.956568	-0.982285	4.673547
Mg	2.775676	1.515335	-3.865938
Mg	2.790917	4.627744	2.473022
Mg	2.804758	3.064916	-0.689914
Mg	3.069623	-2.008401	-3.527961
Mg	3.219584	2.248508	5.002117
Mg	3.645198	-1.479545	1.490218
Mg	4.906316	0.223347	-1.334435
Mg	4.920938	1.800013	1.884257

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Al1Mg29

Al	1.019146	1.583591	0.133604
Mg	-5.420758	-2.234948	-2.461975
Mg	-4.416691	-2.011935	1.005016
Mg	-4.203063	0.822304	-1.349657
Mg	-4.115608	1.594883	2.301518
Mg	-2.990939	-0.567286	-4.553830
Mg	-2.656195	3.154099	-3.726051
Mg	-2.060340	-2.606128	-1.681183
Mg	-1.821124	3.171775	-0.146887
Mg	-1.819818	-0.857473	4.172770
Mg	-1.619959	-0.099369	0.802998
Mg	-0.816559	0.711323	-2.283692
Mg	-0.771479	-3.391025	1.676771
Mg	-0.542811	2.348709	2.909519
Mg	0.237175	1.528482	-5.379727
Mg	0.587840	-1.945817	-4.080648
Mg	0.770009	3.693813	-2.318863
Mg	0.888937	-4.789111	-1.367908
Mg	1.004968	4.689399	0.963876
Mg	1.055253	-1.488552	-0.678008
Mg	1.198383	-2.986345	4.782305
Mg	1.205997	-0.523820	2.465376
Mg	1.270495	0.685608	5.616708
Mg	2.571997	0.802343	-2.647934
Mg	2.881480	2.390598	2.671522
Mg	2.938314	-3.405088	1.501884
Mg	3.678008	3.251648	-0.555119
Mg	3.853210	-2.635325	-2.158666
Mg	3.881855	0.000789	0.427217
Mg	4.212277	-0.887142	3.959067

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Al2Mg28

Al	-2.450891	-1.038408	0.511789
Al	1.937488	1.836804	1.386698
Mg	-5.473572	-0.769600	-0.474385
Mg	-4.488616	0.140934	2.681806
Mg	-4.472843	-3.173671	1.734877
Mg	-3.517220	2.018453	0.042730
Mg	-3.418500	-3.321937	-1.541719
Mg	-2.887604	-0.091328	-2.582810
Mg	-1.917843	-1.840494	3.603758
Mg	-1.505853	3.412582	-2.774507
Mg	-1.365056	-2.650810	-4.688992
Mg	-1.229816	-3.999346	1.026954
Mg	-1.229638	1.385984	2.566260
Mg	-0.373168	1.085835	-0.613659
Mg	-0.335443	-5.318139	-2.305663
Mg	-0.284798	-2.037749	-1.549944
Mg	-0.276666	4.152663	0.658600
Mg	0.438223	0.519680	-3.916918
Mg	0.683735	-1.205549	1.581954
Mg	1.005105	3.785260	3.756671
Mg	1.595779	0.512546	4.328255
Mg	2.108005	3.101508	-1.613143
Mg	2.326744	-2.515387	-3.729349
Mg	2.362127	-3.752919	-0.196880
Mg	2.706396	-0.249694	-0.968579
Mg	3.039826	4.826353	1.190212
Mg	3.943729	1.019020	-3.885619
Mg	3.994188	-0.541794	2.136906
Mg	4.211830	2.586931	3.491341
Mg	4.874352	2.122271	0.143355

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Al3Mg27

Al	-1.652765	1.153180	3.398359
Al	-0.273649	-0.302814	-1.555118
Al	1.922362	-0.875556	-3.045687
Mg	-4.857162	1.237980	3.145039
Mg	-3.263663	0.128275	5.965856
Mg	-3.224526	-0.542151	-2.879870
Mg	-3.176264	-1.707499	3.075979
Mg	-3.112581	3.435339	5.100506
Mg	-2.924761	0.432036	0.410914
Mg	-2.912767	3.600637	1.675601
Mg	-2.198023	-2.776910	-0.548617
Mg	-1.899286	2.483893	-2.108226
Mg	-0.689171	-2.698025	-3.608005
Mg	-0.515824	0.577304	-4.600921
Mg	-0.342235	-1.353420	4.970007
Mg	-0.301590	1.822772	6.221878
Mg	-0.215214	-1.104384	1.594750
Mg	-0.102392	3.967003	3.576232
Mg	-0.025728	2.129865	0.699149
Mg	1.186695	-3.037259	-0.775373
Mg	1.391495	-1.789485	-6.119595
Mg	1.464366	2.255823	-2.385316
Mg	1.612325	1.017230	3.483966
Mg	2.444044	-4.009594	-3.751587
Mg	2.522569	0.069358	-0.034724
Mg	2.717267	1.255499	-5.372997
Mg	2.881702	-2.404833	2.357751
Mg	4.405777	-2.321915	-1.503232
Mg	4.544991	-1.574830	-4.837586
Mg	4.594011	0.932481	-2.549133

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Al4Mg26

Al	-1.854360	0.218452	-1.596551
Al	0.034786	-1.000626	0.018477
Al	0.281413	-0.262273	2.789890
Al	0.790868	0.774434	-1.964158
Mg	-4.975849	-0.518570	-1.039422
Mg	-4.030064	1.757313	-3.439421
Mg	-3.716170	2.487548	-0.124058
Mg	-3.383252	-1.551678	-3.860520
Mg	-2.704630	-0.368902	1.501819
Mg	-2.511337	-2.834437	-0.787314
Mg	-2.080812	-1.237166	4.761666
Mg	-1.833126	2.007516	3.783655
Mg	-1.198672	3.285035	-2.350082
Mg	-0.986734	0.786815	-4.647079
Mg	-0.956741	-3.166112	2.219201
Mg	-0.530363	2.042847	0.687524
Mg	-0.173024	-2.079674	-3.069027
Mg	0.549563	0.667829	5.855340
Mg	0.609839	-4.196539	-0.594652
Mg	1.080462	-2.560921	4.897666
Mg	1.487705	2.726961	3.303792
Mg	1.629794	2.941131	-4.215340
Mg	1.899017	3.682419	-0.906837
Mg	2.252869	-0.368545	-4.635217
Mg	2.327613	-2.483869	1.743372
Mg	2.536496	0.781172	0.749410
Mg	2.774766	-1.728498	-1.532579
Mg	3.299662	-0.106219	3.944511
Mg	3.988495	1.353114	-2.256771
Mg	5.391787	-1.048559	0.762707

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Al5Mg25

Al	-1.543448	-1.503302	0.564483
Al	-0.051586	0.766278	1.130317
Al	0.103499	-0.315158	-1.325671
Al	0.282616	2.455400	-1.063331
Al	1.174333	-1.703600	0.824294
Mg	-4.767652	-1.188770	0.222405
Mg	-3.394414	-2.776132	2.889724
Mg	-3.196039	-4.159479	-0.251959
Mg	-2.958579	0.638201	2.547509

Mg	-2.661488	1.222656	-0.706422
Mg	-2.640680	-1.578607	-2.486981
Mg	-2.255812	4.251892	-2.014673
Mg	-1.568536	3.603396	1.338274
Mg	-1.249720	1.380217	-3.710648
Mg	-0.489557	-4.253408	1.841961
Mg	-0.439791	-1.320172	3.582663
Mg	-0.238836	2.045522	4.075210
Mg	-0.120434	-3.547116	-1.474849
Mg	0.287360	-1.623746	-4.257863
Mg	0.465794	5.625439	-0.535462
Mg	0.667396	4.219649	-3.728053
Mg	1.794793	3.355516	1.659808
Mg	2.113616	1.132332	-3.389122
Mg	2.349037	-3.199411	3.438776
Mg	2.486236	0.236925	3.068022
Mg	2.547427	-4.582762	0.297092
Mg	2.804147	-1.979888	-1.966477
Mg	2.895792	0.813083	-0.175159
Mg	3.188429	3.850645	-1.494206
Mg	4.416095	-1.865600	1.100337

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Al6Mg24

Al	-1.676301	-1.744807	1.007143
Al	-0.792508	0.762965	1.018518
Al	-0.532685	1.747597	-1.534438
Al	-0.284797	-0.957850	-1.117609
Al	0.924970	-1.431882	1.373328
Al	1.671205	0.722739	-0.185028
Mg	-4.063210	-3.436881	1.803139
Mg	-3.774515	0.224502	2.343115
Mg	-3.337058	0.160678	-0.922650
Mg	-3.189611	2.801996	-3.015338
Mg	-2.820956	-3.007538	-1.668793
Mg	-2.742852	3.182859	0.381580
Mg	-1.740068	-0.215759	-3.837353
Mg	-1.470782	2.623217	3.490067
Mg	-1.008716	-0.724537	3.930453
Mg	-0.751062	4.916807	-1.893244
Mg	-0.567864	-3.902947	3.009163
Mg	-0.124977	2.794937	-4.527284
Mg	-0.009003	-4.112793	-0.275506
Mg	0.188427	-3.000526	-3.490915
Mg	0.610755	3.599449	0.893872
Mg	1.627653	0.152829	-3.384610
Mg	1.641730	1.208540	3.041702
Mg	2.136410	-1.937680	4.269858
Mg	2.270152	3.228892	-2.061540
Mg	2.652144	-2.216117	-1.209491
Mg	2.749960	-4.017094	1.688588
Mg	3.894077	2.702016	0.969399
Mg	4.006478	-0.727846	1.538573
Mg	4.513003	0.604232	-1.634699

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Al7Mg23

Al	0.492245	-0.045948	-2.123750
Al	-1.317348	1.502570	-0.701382
Al	1.633344	-1.691029	-0.333877
Al	-0.985047	-1.141599	-0.057172
Al	1.087241	0.831842	0.434189
Al	-1.193686	0.718433	1.934299
Al	0.619243	-1.227939	2.117065
Mg	-0.143740	-1.173974	-4.988627
Mg	2.282885	1.143994	-4.417855
Mg	-1.114596	2.069243	-3.850409
Mg	2.781166	-2.186123	-3.200937
Mg	-2.634520	-0.762290	-2.679386
Mg	-0.255301	-3.292363	-2.297376
Mg	-4.107213	2.232855	-1.980115
Mg	1.375724	3.063504	-1.730505
Mg	-1.673874	4.557161	-1.390244
Mg	3.693569	0.473335	-1.371384
Mg	-3.127321	-3.400634	-0.453112
Mg	3.540836	-3.917472	0.455542

Mg	-3.931072	-0.138228	0.503320
Mg	0.037602	-4.104167	1.013721
Mg	3.418871	2.830562	1.081079
Mg	-3.295158	3.037992	1.345750
Mg	0.031107	3.632880	1.446049
Mg	3.697531	-0.652798	1.853650
Mg	-2.364626	-2.213766	2.659755
Mg	1.551455	1.435000	3.567187
Mg	2.164783	-3.258624	3.766142
Mg	-1.755677	2.446769	4.410721
Mg	-0.508425	-0.769186	4.987662

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Al8Mg22

Al	-0.837768	0.510055	-1.443314
Al	1.830159	0.321839	-0.754440
Al	0.138512	-1.919454	-0.564533
Al	0.336849	2.477888	0.001919
Al	-2.278468	-0.987189	0.295482
Al	-2.190833	1.707753	0.639520
Al	2.036689	-1.430269	1.262037
Al	-0.063187	0.158314	1.305509
Mg	-1.748429	0.945544	-4.415961
Mg	0.967876	-1.031126	-3.547825
Mg	1.088514	2.432744	-3.111474
Mg	4.036722	0.549560	-2.923197
Mg	-2.279228	-2.029214	-2.733431
Mg	0.356798	-4.326025	-2.510042
Mg	-1.982639	3.460634	-2.029900
Mg	-4.027599	0.751256	-1.800367
Mg	3.200138	-2.539669	-1.467243
Mg	3.316801	3.216193	-0.719357
Mg	-2.217002	-4.115541	-0.098144
Mg	4.809411	-0.217208	0.418845
Mg	1.576350	-4.500765	0.781821
Mg	-1.396687	4.921461	0.899547
Mg	-5.025944	0.112918	1.306859
Mg	2.638750	1.661056	2.136144
Mg	-0.684723	-2.742267	2.509222
Mg	-3.945779	3.202550	2.650135
Mg	4.003927	-2.755985	3.140248
Mg	-0.390695	2.687177	3.176694
Mg	-2.423240	-0.005742	3.404816
Mg	1.154724	-0.516488	4.190432

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Al9Mg21

Al	-0.992079	-0.633954	-2.494744
Al	-1.092786	1.943114	-1.624804
Al	0.897491	0.320250	-0.844788
Al	-0.050027	-2.232636	-0.450893
Al	-1.769344	-0.090629	0.063584
Al	2.477559	-1.473577	0.385451
Al	-0.217046	2.039719	0.991355
Al	2.376553	1.108848	1.257190
Al	0.306157	-0.578973	1.750501
Mg	-1.973780	1.497701	-4.665506
Mg	1.235781	1.339128	-3.823878
Mg	-0.640161	-3.653037	-3.298989
Mg	2.091856	-1.777546	-2.874340
Mg	-3.963932	0.577516	-2.169607
Mg	3.984791	0.670427	-1.524805
Mg	-3.163256	-2.631370	-1.285290
Mg	1.893621	3.295734	-1.161725
Mg	2.350510	-4.381029	-0.790479
Mg	-0.972330	4.848494	-0.428988
Mg	-1.020836	-5.154119	-0.114768
Mg	-3.369374	2.642780	0.495149
Mg	-4.716311	-0.530700	1.025957
Mg	5.242555	-0.274544	1.421212
Mg	-2.118610	-2.595072	2.036861
Mg	2.018259	4.117114	2.078248
Mg	1.087340	-3.639080	2.272993
Mg	-1.382020	4.084760	3.004138
Mg	-2.246501	0.676351	3.141248
Mg	2.842864	-1.101717	3.592853

Mg	0.883058	1.586047	4.036864
30			
Al10Mg20			
Al	-2.214032	0.202254	-0.584651
Al	-1.330466	1.865036	1.440797
Al	-1.012871	2.549728	-1.243746
Al	-1.005061	-0.884629	1.627072
Al	-0.438496	-1.872896	-0.860279
Al	-0.394776	0.232820	-2.667253
Al	0.515879	0.660077	-0.144768
Al	0.996826	0.737710	2.471041
Al	1.622185	-1.554919	0.987275
Al	1.952206	-0.928807	-1.723400
Mg	-4.033398	2.753533	-0.137485
Mg	-3.997364	0.177481	2.068353
Mg	-3.330539	-2.658161	0.297478
Mg	-3.327408	1.521731	-3.237556
Mg	-2.849002	-1.825555	-2.973056
Mg	-1.639352	4.945526	0.755665
Mg	-1.573686	0.542749	4.401747
Mg	-0.474474	2.913073	-4.359549
Mg	-0.453953	-4.016347	1.492389
Mg	0.027668	3.447778	3.830176
Mg	0.300155	-2.725688	-3.824540
Mg	0.629040	-2.029787	4.069767
Mg	1.406690	3.538195	0.773083
Mg	1.803897	-4.079255	-1.088358
Mg	1.983464	0.036306	-4.756299
Mg	2.106374	2.317576	-2.299412
Mg	2.979245	-4.009773	2.271760
Mg	3.592828	0.984068	0.427260
Mg	3.661231	-0.690745	3.328349
Mg	4.497188	-2.149075	-0.341862
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Al11Mg19			
Al	-2.180925	-1.393521	-0.141236
Al	-1.708238	1.321843	-0.479223
Al	-1.272098	0.162231	1.995152
Al	-0.940434	-0.399944	-2.495999
Al	-0.249995	-2.352559	1.654572
Al	0.348710	-0.506379	-0.132543
Al	0.501788	2.034649	1.004943
Al	0.733420	1.720241	-1.733418
Al	1.474219	-0.228755	2.292356
Al	1.798228	-0.697876	-2.331131
Al	2.705204	0.756951	-0.019044
Mg	-4.338346	0.582510	1.170231
Mg	-4.094294	0.198497	-2.218736
Mg	-3.219539	-2.164397	2.855217
Mg	-2.870662	-2.895668	-2.844567
Mg	-2.337548	-4.475046	0.542874
Mg	-2.287772	3.189473	2.059647
Mg	-1.867070	2.509209	-3.437144
Mg	-0.751677	4.373190	-0.772012
Mg	-0.411130	-1.327797	4.673441
Mg	0.148587	2.005216	4.180649
Mg	0.152678	-3.367292	-1.440662
Mg	0.348376	-2.283814	-4.662026
Mg	0.926532	1.083584	-4.803287
Mg	2.255754	-3.070156	3.427774
Mg	2.656853	3.911814	-0.494157
Mg	2.879363	-2.424314	0.147102
Mg	3.142284	2.555732	2.627864
Mg	3.824454	1.623799	-2.837562
Mg	4.633274	-0.441422	2.210926
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Al12Mg18			
Al	-0.386214	-0.523588	-2.311701
Al	2.079045	0.669390	-1.678773
Al	-0.319663	2.054819	-1.201182
Al	1.610802	-2.043431	-1.099620
Al	-2.232311	0.206828	-0.346402
Al	-1.065601	-2.340402	-0.277442
Al	0.410626	-0.115700	0.244056

Al	1.718530	2.130459	0.698055
Al	-0.957335	1.853608	1.528941
Al	0.878505	-2.293947	1.669049
Al	-1.451226	-0.869127	2.104883
Al	0.946051	0.323549	2.796429
Mg	0.582439	1.817478	-4.254793
Mg	1.997008	-1.330662	-4.212365
Mg	-2.706124	1.465348	-3.239995
Mg	-0.311596	-3.647325	-3.065477
Mg	-3.257872	-1.880827	-2.546987
Mg	2.131613	3.885089	-1.966003
Mg	4.551426	-1.287115	-1.943745
Mg	4.638752	2.096634	-0.486413
Mg	-3.124613	3.281871	-0.323361
Mg	0.883133	-4.925155	-0.028218
Mg	-0.095030	4.742166	0.547855
Mg	-4.067330	-2.135981	0.807522
Mg	3.489959	-0.609888	1.206980
Mg	-3.984924	1.056067	2.182382
Mg	-1.634814	-4.063616	2.353358
Mg	1.097056	3.361186	3.540719
Mg	-1.500227	1.150106	4.598971
Mg	0.079935	-2.027834	4.703278

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Al13Mg17

Al	-2.244818	0.444270	-1.328409
Al	-2.126709	0.456850	1.490789
Al	-1.777643	-1.957127	0.069521
Al	-0.872867	2.525017	-0.007783
Al	-0.331867	-1.397453	-2.287342
Al	-0.121844	-1.378065	2.254168
Al	0.042733	-0.008032	-0.030265
Al	0.210338	1.350642	-2.330031
Al	0.439021	1.382926	2.212681
Al	0.976322	-2.543783	-0.065734
Al	1.880920	1.934893	-0.125824
Al	2.205424	-0.477684	-1.544859
Al	2.349443	-0.459741	1.250486
Mg	-4.727778	-0.888167	0.056829
Mg	-4.065483	2.585831	0.150154
Mg	-3.133848	-2.165076	2.949125
Mg	-2.254659	3.289767	-2.773953
Mg	-1.995732	3.309759	2.880922
Mg	-1.950462	0.182499	-4.453335
Mg	-1.260509	0.324400	4.631388
Mg	-1.084953	-4.402208	-1.771730
Mg	-0.756033	-4.464589	1.756391
Mg	1.015990	4.357854	-1.925143
Mg	1.073175	4.453652	1.616803
Mg	1.604536	-0.256050	-4.629073
Mg	2.083058	-3.340402	-2.945358
Mg	2.381243	-3.190133	2.801516
Mg	3.471754	2.078834	2.700948
Mg	4.158585	-2.614574	-0.206825
Mg	4.812664	0.865891	-0.396058

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Al14Mg16

Al	-0.075714	-0.238744	-3.196129
Al	1.889319	1.399798	-1.985426
Al	-0.118157	-2.720159	-1.839185
Al	-0.824001	1.748595	-1.398748
Al	-2.070215	-0.801945	-1.325912
Al	0.556451	-0.469519	-0.637665
Al	3.072617	-0.092747	0.146052
Al	1.820100	-2.630101	0.218853
Al	1.188646	1.846899	0.633398
Al	-0.888852	-2.292079	0.802092
Al	-1.159262	3.102452	0.956558
Al	-1.361886	0.425069	1.053744
Al	1.077826	-0.650251	2.026977
Al	-0.011309	1.654530	3.024332
Mg	0.202017	2.721502	-4.282828
Mg	-2.211648	-2.337901	-4.163080
Mg	-2.909720	1.119024	-3.712234

Mg	2.809724	-1.623896	-2.696921
Mg	0.871269	4.414329	-1.203766
Mg	-2.972500	-3.844977	-1.042363
Mg	-3.818913	1.834702	-0.386228
Mg	4.045409	2.903467	-0.212743
Mg	0.105516	-5.260902	0.011188
Mg	-3.929805	-1.357840	1.230927
Mg	1.307473	4.470034	2.404193
Mg	3.953230	-2.010098	2.474184
Mg	3.224078	1.446668	3.034307
Mg	0.862958	-3.639668	3.083461
Mg	-3.156199	2.001066	3.153413
Mg	-1.478451	-1.117308	3.829550

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Al15Mg15

Al	0.077222	-0.377134	-2.659882
Al	0.523267	-3.054099	-2.498738
Al	-0.374696	2.305969	-1.916666
Al	-1.959156	-2.005850	-1.688860
Al	2.521967	-1.257771	-1.664775
Al	-1.467795	0.332731	-0.474937
Al	1.284959	0.792261	-0.460164
Al	0.309091	-1.845339	-0.196110
Al	-0.421833	2.498129	0.896930
Al	-2.050012	-1.794918	1.163337
Al	2.509567	-1.033766	1.187843
Al	0.018709	-0.172467	1.873292
Al	-2.468282	0.927278	1.939499
Al	2.012892	1.675270	1.963553
Al	-0.322215	1.817034	3.526986
Mg	-1.445889	-2.198431	-4.803653
Mg	2.131847	-1.601255	-4.784361
Mg	-2.835003	0.713083	-3.302703
Mg	2.483901	1.601002	-3.274213
Mg	-3.225534	2.963089	-0.519326
Mg	2.093477	3.850923	-0.490887
Mg	-4.507326	-0.462017	-0.258980
Mg	4.415413	1.027467	-0.211163
Mg	-1.147657	-4.650898	-0.189871
Mg	2.598069	-4.025571	-0.169746
Mg	0.519243	-3.196098	2.656599
Mg	-2.515670	3.964444	2.820200
Mg	1.062103	4.561690	2.839212
Mg	-1.783194	-0.989988	4.338718
Mg	1.962535	-0.364769	4.358866

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Al16Mg14

Al	-3.281178	1.178299	-0.520954
Al	-2.628337	-0.371008	1.808652
Al	-2.170692	-0.078643	-2.776304
Al	-1.216762	1.988441	1.176855
Al	-1.108459	-0.291448	-0.383363
Al	-1.082809	-2.629014	0.931977
Al	-0.917449	2.137928	-1.643234
Al	-0.791917	-2.449553	-1.920857
Al	0.082747	-0.349827	2.046048
Al	0.612048	-0.081573	-2.537365
Al	1.141050	1.218233	-0.117118
Al	1.230710	-1.649110	-0.285262
Al	1.321521	1.973936	2.436065
Al	1.424555	-2.651137	2.178999
Al	2.769299	-0.265752	1.511726
Al	3.151191	-0.096992	-1.279804
Mg	-4.184360	2.318386	2.295364
Mg	-3.797089	-2.024969	-0.741122
Mg	-2.815750	4.297201	-0.375151
Mg	-1.299998	1.361257	4.283058
Mg	-1.260950	-2.344489	4.062733
Mg	-0.656021	1.852598	-4.761593
Mg	-0.603244	-1.735022	-4.977790
Mg	0.726049	4.310467	0.239142
Mg	0.880591	-4.768153	-0.286074
Mg	1.967435	-0.453288	4.556971
Mg	2.174233	2.671165	-2.702243

Mg	2.302882	-2.716594	-3.033900
Mg	3.948143	2.495872	0.552972
Mg	4.082562	-2.847210	0.261571
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Al17Mg13			
Al	-2.457136	-0.164757	-2.519691
Al	1.904427	1.925426	-2.458742
Al	-0.375914	-2.149128	-2.198199
Al	2.200360	-0.856096	-2.106113
Al	-0.084954	0.454110	-1.496422
Al	-2.302110	1.665203	-0.434157
Al	-4.215921	-0.245061	-0.382096
Al	0.300475	2.917221	-0.362612
Al	-1.809248	-1.213494	-0.065744
Al	2.215722	0.926206	0.014178
Al	0.863449	-1.590614	0.189201
Al	3.495414	-1.380937	0.374782
Al	-0.305538	0.760348	1.212946
Al	-2.813342	0.328422	1.971513
Al	1.541187	2.437600	2.126525
Al	-0.744936	-1.633553	2.416548
Al	1.835072	-0.345343	2.444910
Mg	0.245592	-0.077038	-4.563747
Mg	-1.214866	2.853924	-3.203529
Mg	-3.529823	-3.064670	-1.933205
Mg	4.868313	0.777159	-1.666454
Mg	2.301501	-3.908876	-1.366995
Mg	3.308725	3.866312	-0.228429
Mg	-0.902821	-4.199791	0.340318
Mg	-4.969100	2.466406	1.045707
Mg	-3.843274	-2.639833	1.852738
Mg	4.570081	1.194494	2.080981
Mg	-1.618553	3.461421	2.156491
Mg	1.999925	-3.483641	2.422592
Mg	-0.462706	0.918578	4.336706
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Al18Mg12			
Al	3.041328	-0.354027	-2.975004
Al	-1.627018	-1.556038	-2.902152
Al	1.508223	1.925987	-2.564289
Al	-1.320183	1.243568	-2.512051
Al	0.657099	-0.573677	-1.958272
Al	2.563516	-2.167917	-0.882941
Al	-0.244970	-2.892058	-0.807115
Al	2.784313	0.614486	-0.441535
Al	-1.624890	-0.539643	-0.438340
Al	0.203929	1.553853	-0.252760
Al	-2.469655	2.002609	0.045915
Al	0.856941	-0.933567	0.772675
Al	-3.529216	-0.289820	1.366036
Al	-0.501464	3.212725	1.683161
Al	-1.390151	-2.134561	1.752786
Al	-1.106435	0.626415	2.057230
Al	1.587383	1.344259	2.093745
Al	0.582385	-0.959776	3.405287
Mg	0.396810	0.112890	-4.993774
Mg	1.240807	-3.119268	-3.665345
Mg	-4.302923	0.174448	-1.875292
Mg	-0.736197	4.244547	-1.515016
Mg	5.473947	-0.915395	-1.045342
Mg	-3.460834	-3.062327	-0.538502
Mg	2.409338	3.752862	0.102946
Mg	1.363670	-3.828116	1.816475
Mg	3.665675	-1.118899	2.137960
Mg	-3.412882	2.531845	3.015862
Mg	-2.526990	-0.877999	4.421811
Mg	-0.081557	1.982594	4.695845
30			
Al19Mg11			
Al	-2.919576	1.036820	-0.316217
Al	-2.791763	-0.541562	2.127332
Al	-2.575631	-0.668470	-2.560188
Al	-2.266299	-3.250705	1.569578
Al	-1.655830	-1.393658	-0.171530

Al	-0.782969	3.069930	-0.289136
Al	-0.661726	0.809844	1.213540
Al	-0.511183	0.704140	-1.590242
Al	-0.237383	-1.661347	2.345175
Al	-0.043738	-1.920377	-2.353859
Al	0.127756	-3.451651	0.146227
Al	0.688732	2.888706	2.125781
Al	0.979790	2.680649	-2.493018
Al	1.018993	-0.941175	-0.053075
Al	1.671183	1.733674	-0.082666
Al	1.816688	0.266843	2.325011
Al	2.067574	0.073571	-2.311138
Al	2.335608	-2.394490	1.685390
Al	3.552996	-0.227966	0.190779
Mg	-4.748200	-1.640041	-0.178480
Mg	-2.699968	2.876576	2.314782
Mg	-2.458469	-3.959860	-1.729466
Mg	-2.393373	2.678180	-3.059739
Mg	-0.642105	0.784104	4.356069
Mg	-0.135588	0.340955	-4.657251
Mg	0.348248	-4.643942	3.047647
Mg	1.821806	4.867001	-0.216791
Mg	2.936375	-2.982304	-1.489051
Mg	3.954513	2.538517	1.917029
Mg	4.203536	2.328040	-1.812493

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Al20Mg10

Al	1.273849	1.235806	-3.099588
Al	-0.090096	-1.007278	-2.201325
Al	-2.763491	-1.004044	-2.172054
Al	-1.405860	1.508516	-2.147002
Al	1.266865	-3.213182	-1.538803
Al	2.640498	-0.694938	-1.477178
Al	0.575181	3.422111	-1.429795
Al	3.018440	2.068988	-1.037824
Al	0.697639	0.948140	-0.505681
Al	-1.365277	-2.825441	-0.495040
Al	-1.646039	-0.191612	0.073993
Al	0.830391	-1.554643	0.454397
Al	-1.309061	2.547992	0.471868
Al	2.790025	0.319496	1.176244
Al	1.492999	2.875274	1.208427
Al	0.165176	0.603176	2.093004
Al	-1.216941	-1.755221	2.268289
Al	-2.502722	0.874691	2.371641
Al	1.518240	-1.482989	3.018562
Al	-0.644038	2.891653	3.051418
Mg	-1.221701	0.049427	-4.918675
Mg	2.036478	-1.707013	-4.387666
Mg	-1.274343	-3.563383	-3.571998
Mg	-4.187102	1.533438	-0.490525
Mg	3.683777	-2.754928	0.774094
Mg	-4.132258	-1.821341	0.879893
Mg	-0.282100	5.456289	0.993500
Mg	0.528437	-4.408181	1.596001
Mg	2.325447	1.639900	4.073991
Mg	-0.802416	0.009295	4.967834

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Al21Mg9

Al	-1.678277	-1.804311	-2.829883
Al	-2.171918	1.126155	-2.592157
Al	1.184437	-2.259442	-2.445974
Al	0.352888	2.407002	-2.054282
Al	2.448755	0.334852	-1.909009
Al	-1.927107	3.724227	-1.504826
Al	-0.137819	-0.187623	-1.480783
Al	-2.767881	-0.758425	-0.528005
Al	-0.692349	-2.781706	-0.447441
Al	-1.543548	1.673018	0.024327
Al	1.782328	-1.507733	0.107277
Al	1.246265	1.334703	0.353466
Al	0.124054	3.751569	0.402800
Al	3.656433	0.310136	0.654954
Al	-0.546632	-0.550878	1.111275

Al	-2.355297	-2.347637	1.786655
Al	-2.880460	0.423638	2.069085
Al	0.435708	-2.774785	2.190289
Al	-0.409561	1.775757	2.563642
Al	1.656226	-0.198524	2.642466
Al	-0.913271	-0.788156	3.689856
Mg	0.371312	0.207972	-4.509633
Mg	4.371230	-2.121984	-1.507544
Mg	-3.625799	-3.734844	-0.938857
Mg	3.234575	3.323243	-0.932586
Mg	-4.591223	1.861789	-0.551059
Mg	1.820850	-4.624298	-0.190656
Mg	-2.774233	3.838962	1.853127
Mg	3.720073	-2.548157	2.330049
Mg	2.610242	2.895483	2.643429

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Al22Mg8

Al	-3.638823	0.937979	-0.058756
Al	-2.775294	2.985814	-1.774418
Al	-2.090297	0.451216	-2.348564
Al	-1.923127	0.779017	2.357577
Al	-1.653056	-0.836804	0.087252
Al	-1.384114	-3.487357	0.216422
Al	-1.149131	1.955953	-0.048786
Al	-0.749664	-2.180065	-2.184949
Al	-0.622818	-1.773139	2.516256
Al	-0.083610	2.507299	-2.517082
Al	0.125439	2.800500	2.238902
Al	0.430878	0.130795	-1.427167
Al	0.495041	0.490644	3.834732
Al	0.529146	0.346255	1.232812
Al	0.862219	-4.153585	-1.330495
Al	0.903031	-2.071842	0.201648
Al	1.589512	2.439546	-0.205343
Al	2.099147	-1.776835	-2.250708
Al	2.220283	-1.311050	2.494541
Al	2.594059	1.170458	-2.432056
Al	2.659600	1.494848	2.248090
Al	2.914181	-0.160395	-0.043691
Mg	-3.923652	-2.098517	-1.598918
Mg	-3.819145	-1.818671	2.044595
Mg	-3.114936	3.673477	1.603650
Mg	-0.382702	4.946636	-0.390110
Mg	0.342129	-0.106536	-4.516776
Mg	1.047398	-4.495900	2.111590
Mg	3.783687	-3.230726	0.118320
Mg	4.714620	2.390985	-0.178566

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Al23Mg7

Al	0.895621	0.087687	-3.646509
Al	2.258716	2.452504	-2.984312
Al	3.580452	-0.036903	-2.835164
Al	-0.395520	2.137460	-2.091679
Al	1.788003	-1.972199	-1.845979
Al	-0.599965	-0.581783	-1.488832
Al	1.709551	0.673530	-1.118410
Al	-2.966436	-1.789109	-0.945796
Al	4.019434	1.914158	-0.844521
Al	-2.644751	1.029430	-0.520564
Al	1.615000	3.289227	-0.381831
Al	-0.480839	-3.076904	-0.259612
Al	3.779569	-0.793918	-0.138501
Al	-0.141382	1.479955	0.608791
Al	1.247170	-1.142719	0.761768
Al	-1.376702	-0.830052	1.042176
Al	-3.978867	-0.614063	1.389939
Al	2.511524	1.249172	1.440523
Al	-2.650336	-3.089472	1.529214
Al	-2.218599	1.403686	2.342097
Al	-0.074765	-2.676395	2.560918
Al	0.255136	0.139706	3.027769
Al	-2.216275	-1.134218	3.524077
Mg	-2.562885	0.329276	-3.677309
Mg	-0.847578	-2.919375	-3.470958

Mg	-1.720084	4.074394	0.134268
Mg	2.512076	-3.943149	0.616559
Mg	-4.965084	2.376301	1.128269
Mg	0.572131	3.362823	2.935446
Mg	3.095685	-1.399050	3.208162
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Al24Mg6			
Al	-3.510548	0.469847	-2.352990
Al	-2.860781	-0.070806	0.327959
Al	-2.451415	-2.682133	1.049251
Al	-2.434930	2.548107	-0.742827
Al	-2.236004	-1.996595	-1.817472
Al	-1.552524	2.284086	-3.389420
Al	-1.442142	-0.458524	-4.048470
Al	-1.267578	-0.688431	2.643821
Al	-0.975996	0.438738	-1.624127
Al	-0.557188	1.376398	0.843182
Al	-0.390002	-1.465598	0.070202
Al	0.365692	2.807869	-1.355847
Al	0.411209	1.601177	3.363981
Al	0.449462	-2.880031	2.204191
Al	0.552265	-1.709233	-2.497373
Al	0.938471	0.954697	-3.465686
Al	1.071782	-0.990665	4.214441
Al	1.315286	-0.317503	1.683974
Al	1.606250	0.349703	-0.898549
Al	2.068472	2.248094	1.092285
Al	2.220881	-2.271965	-0.056632
Al	3.095087	0.764245	3.278019
Al	3.133954	-1.983278	2.575913
Al	3.803266	-0.001041	0.664635
Mg	-5.163116	-1.891713	-0.714224
Mg	-2.912417	2.096333	2.703871
Mg	-0.345673	4.390828	1.378401
Mg	-0.210144	-4.426932	-0.715638
Mg	3.567712	2.544473	-1.761400
Mg	3.710669	-1.040147	-2.653472
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Al25Mg5			
Al	-3.988161	0.532527	-0.334757
Al	-3.245157	-1.928842	0.406607
Al	-2.874494	2.804529	0.621207
Al	-2.239266	-0.898351	-1.932276
Al	-2.132912	1.846856	-1.838108
Al	-1.645614	-1.836246	2.532587
Al	-1.532386	0.409623	0.837045
Al	-1.062387	2.496161	2.602697
Al	-0.727653	0.384912	-3.851497
Al	-0.591719	-1.990857	-0.000038
Al	-0.166009	2.747671	0.071581
Al	-0.049035	0.140273	3.315646
Al	0.111935	0.389164	-1.324990
Al	0.354629	2.717021	-2.704172
Al	0.524014	-1.897225	-2.584212
Al	1.006079	-2.430817	2.428553
Al	1.242349	-0.229440	0.948182
Al	1.649237	2.129862	2.071044
Al	1.655267	-3.240974	-0.256546
Al	1.958051	0.557377	-3.302063
Al	2.275852	1.941227	-0.804290
Al	2.646423	-0.245893	3.268587
Al	2.733059	-0.921056	-1.175408
Al	3.453621	-1.963369	1.292751
Al	3.844368	0.688119	0.970345
Mg	-3.742221	0.578349	2.966001
Mg	-1.826232	-4.029289	-1.986071
Mg	-1.706440	4.960602	-1.528247
Mg	-0.916717	-4.749964	1.381720
Mg	4.991520	1.038049	-2.091877
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Al26Mg4			
Al	-3.967208	-0.662838	-0.272264
Al	-3.759393	1.657793	0.931735
Al	-3.293084	-0.725148	2.526258

Al	-2.606322	-2.724541	0.672713
Al	-2.374689	1.323049	-1.438179
Al	-2.118833	1.845708	2.970557
Al	-1.551176	-1.357340	-1.432389
Al	-1.419284	-0.003049	0.878043
Al	-1.284681	2.819299	0.503824
Al	-0.828166	-0.285650	3.825402
Al	-0.773388	0.405483	-3.391238
Al	-0.551905	-2.365698	2.263743
Al	-0.070082	-3.408390	-0.333237
Al	0.467940	1.044889	-0.965153
Al	0.502046	1.382526	2.130731
Al	0.905295	-1.541220	-2.369965
Al	1.075082	-1.088453	0.412912
Al	1.342013	3.336018	0.400774
Al	1.782350	-0.895775	2.993321
Al	1.847533	0.811248	-3.422234
Al	1.881648	-3.407479	1.692819
Al	2.647344	-3.021842	-0.900713
Al	2.859738	1.082480	0.961364
Al	2.863370	2.360258	-1.517923
Al	3.166236	-0.330268	-1.314422
Al	3.737169	-1.509784	1.119584
Mg	-3.833932	-0.645654	-3.483441
Mg	-0.109560	3.561767	-2.600707
Mg	-0.109550	4.324949	3.092682
Mg	3.573489	-1.982339	-3.934600

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Al₂₇Mg₃

Al	-0.123499	-0.934572	-4.061518
Al	-0.577304	1.410972	-2.767526
Al	1.736440	-2.428672	-2.692347
Al	2.076151	0.344313	-2.618463
Al	-1.030582	-3.032276	-2.547124
Al	-2.492657	-0.668217	-2.333320
Al	1.587717	2.936317	-2.131265
Al	-3.095997	1.896968	-1.847067
Al	0.001478	-0.815142	-1.386879
Al	-0.903785	3.366746	-0.966037
Al	0.584373	-3.356365	-0.360009
Al	2.543255	-1.125765	-0.311895
Al	-2.023183	-2.180614	-0.038232
Al	0.983917	1.362343	0.046689
Al	-1.637640	0.774465	0.205479
Al	1.461358	4.084948	0.261170
Al	-3.191876	3.047241	0.543579
Al	0.211755	-1.055524	1.195367
Al	-0.686768	3.118740	1.699264
Al	2.109397	-2.854905	1.887389
Al	-0.653805	-3.462985	2.079672
Al	2.474160	-0.110584	2.269641
Al	1.952638	2.519243	2.350731
Al	-2.095786	-1.121873	2.540333
Al	-2.730944	1.479708	2.635925
Al	-0.104764	0.870839	3.035399
Al	0.515610	-1.665183	3.787583
Mg	3.655994	-4.061891	-0.675755
Mg	4.012683	1.793528	-0.159765
Mg	-4.558338	-0.131805	0.358984

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Al₂₈Mg₂

Al	0.769645	1.943215	-3.510258
Al	-2.077677	-1.746456	-3.146870
Al	0.449727	-0.744317	-3.005711
Al	-1.679569	1.191088	-2.817586
Al	2.806813	0.330626	-2.322344
Al	2.377549	-2.413713	-2.036573
Al	2.562651	3.091185	-1.975176
Al	-3.768303	-0.226943	-1.611899
Al	-0.455621	3.596922	-1.479795
Al	-0.147177	-3.041344	-1.373548
Al	-1.193801	-0.622984	-0.891636
Al	0.673229	1.409765	-0.782876
Al	-2.845904	-2.747224	-0.693645

Al	4.135736	-1.202940	-0.453592
Al	-2.371551	1.844896	-0.250003
Al	1.438711	-0.946104	0.075151
Al	3.380423	1.394488	0.087273
Al	1.709027	3.685086	0.434755
Al	-3.214023	-0.621385	1.039671
Al	-0.811939	-2.374580	1.241940
Al	-0.641759	0.400855	1.426808
Al	-0.655584	3.090228	1.483014
Al	3.342330	-0.624411	2.016031
Al	1.677571	1.532722	2.151129
Al	-2.775614	1.614196	2.557425
Al	0.899547	-1.099838	3.023193
Al	-1.862712	-0.923623	3.435849
Al	-0.398928	1.367283	3.904050
Mg	2.226604	-3.687806	1.098180
Mg	-3.549403	-3.468888	2.377043

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Al29Mg1

Al	-4.103282	0.297258	0.473715
Al	-3.255818	-2.090490	1.426536
Al	-2.977971	-1.556868	-1.369690
Al	-2.510606	1.109104	-1.692976
Al	-2.490454	0.330366	2.869588
Al	-2.432507	2.439290	0.781998
Al	-1.645788	-0.536277	-3.643466
Al	-1.498859	3.628449	-1.720696
Al	-1.469700	-0.283382	0.563964
Al	-1.177876	-3.011089	-2.839959
Al	-1.057217	-3.025435	-0.076970
Al	-0.716448	-2.034563	2.489542
Al	-0.225500	4.180088	0.619396
Al	-0.154479	1.906231	2.241272
Al	-0.086894	1.616841	-3.161005
Al	-0.076454	1.686199	-0.478142
Al	0.033025	0.028127	4.027059
Al	0.066320	-0.885168	-1.534939
Al	1.171028	-3.425665	-1.704031
Al	1.217600	-0.309804	1.000738
Al	1.259757	3.664930	-1.697302
Al	1.464804	-3.018262	0.967218
Al	1.825736	-1.819036	3.444419
Al	2.091678	2.672584	0.807023
Al	2.223051	1.060374	-1.718582
Al	2.531590	0.844800	2.947889
Al	2.826641	-1.467233	-0.957957
Al	3.714942	-1.569911	1.651968
Al	3.846179	0.737425	0.426538
Mg	1.607501	-1.168886	-4.143149

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Al30Mg0

Al	-4.041901	0.534098	-0.391753
Al	-3.068223	2.510683	1.190031
Al	-2.932051	-0.200502	2.173576
Al	-2.690179	-1.885171	-0.138200
Al	-2.267431	-0.315359	-2.359985
Al	-2.219766	2.443687	-1.568929
Al	-1.996588	-2.786485	2.327327
Al	-1.428290	0.640722	0.180988
Al	-1.051147	-4.174162	0.220223
Al	-0.923646	1.742581	2.772129
Al	-0.837496	1.517036	-3.763623
Al	-0.627608	-2.605167	-1.960075
Al	-0.498106	3.322445	0.536079
Al	-0.316555	-0.856687	3.136627
Al	-0.216101	-1.073156	-4.168796
Al	-0.012673	-1.600678	0.572068
Al	0.409964	-0.031011	-1.649408
Al	0.625883	2.642689	-1.816013
Al	0.650691	-3.539195	2.286007
Al	1.075306	0.981612	0.898173
Al	1.375163	3.258715	2.564238
Al	1.548220	-3.535349	-0.426800
Al	1.720647	0.892760	3.620699

Al	1.806459	0.751964	-3.787658
Al	1.988380	-1.900503	-2.740809
Al	2.272550	-1.359319	2.303753
Al	2.380503	3.343239	0.152727
Al	2.723843	-1.102495	-0.260803
Al	2.974373	1.247026	-1.384814
Al	3.575781	1.135980	1.483019

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Al0Mg35

Mg	-0.274785	-1.082765	-6.420289
Mg	-2.298373	-3.530067	-4.972303
Mg	-2.117919	1.449919	-4.770730
Mg	1.410337	1.315598	-4.446904
Mg	2.434672	-2.077979	-4.370590
Mg	-4.168095	-1.029451	-3.303799
Mg	-0.658746	-1.180921	-2.916484
Mg	0.384535	-4.557310	-2.903577
Mg	-0.469006	3.838299	-2.723180
Mg	3.073362	3.689719	-2.436169
Mg	4.110878	0.289265	-2.320635
Mg	-2.747232	-3.712267	-1.472078
Mg	-2.537811	1.356085	-1.254833
Mg	0.995133	1.176304	-0.950954
Mg	2.062325	-2.208589	-0.850465
Mg	-2.399598	4.601697	0.161259
Mg	1.131278	4.421617	0.430799
Mg	-4.584889	-1.139170	0.221822
Mg	3.938403	2.246405	0.677533
Mg	-1.088034	-1.342924	0.539589
Mg	-0.004994	-4.688124	0.624440
Mg	5.001611	-1.133473	0.811844
Mg	-4.450431	2.121591	1.628635
Mg	-0.935037	1.887244	1.882865
Mg	1.840701	-0.263657	2.126877
Mg	-3.165509	-3.855054	2.027921
Mg	2.950808	-3.613554	2.279292
Mg	-0.820512	5.115852	3.292155
Mg	1.993057	2.977278	3.572403
Mg	-3.017545	-0.595635	3.399417
Mg	4.770086	0.783725	3.783591
Mg	-0.210437	-2.770824	3.646181
Mg	-2.844811	2.667900	4.740551
Mg	-0.049255	0.507498	5.033776
Mg	2.745835	-1.664234	5.232040

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Al1Mg34

Al	2.079360	0.457443	2.293348
Mg	-2.544357	-1.822111	-5.114158
Mg	-0.454252	1.080996	-5.009128
Mg	2.354245	-0.930131	-4.226325
Mg	0.463228	-3.785890	-4.159324
Mg	-3.657934	1.293979	-3.615082
Mg	2.138546	2.269526	-2.950068
Mg	-2.568722	-4.341518	-2.613081
Mg	-1.295327	3.540424	-2.480561
Mg	5.172929	0.040784	-2.260963
Mg	-0.810850	-1.045669	-2.242788
Mg	-4.732193	-1.626238	-2.203798
Mg	3.534434	-3.590499	-2.177922
Mg	-4.581054	3.574998	-0.939720
Mg	1.462467	5.012392	-0.748234
Mg	2.285455	-0.799438	-0.661405
Mg	0.344417	-3.992211	-0.586150
Mg	-2.903802	0.698273	-0.171110
Mg	0.349640	1.810031	-0.009988
Mg	3.719941	2.249465	0.145728
Mg	-3.212021	-3.069213	0.550430
Mg	-1.717976	4.329782	1.044381
Mg	-5.810400	-0.642557	1.088840
Mg	-0.433224	-1.179450	1.269296
Mg	4.988878	-0.654093	1.377185
Mg	2.429924	-2.786031	2.098588
Mg	1.724689	3.681997	2.505505
Mg	-4.305976	2.306086	2.526197

Mg	-0.808342	-4.192121	2.897847
Mg	-0.850155	1.594266	3.173113
Mg	4.639311	2.105934	3.387648
Mg	-3.134440	-1.047827	3.439258
Mg	0.453575	-1.285375	4.512399
Mg	3.844632	-0.968055	4.588910
Mg	1.835354	1.712051	5.271130

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Al2Mg33

Al	-1.320002	-0.170552	-3.245435
Al	1.083939	1.583556	2.651483
Mg	-4.474821	0.793493	2.895229
Mg	-4.296382	0.836824	-3.941795
Mg	-3.893223	-2.523661	1.176590
Mg	-3.752920	-2.264685	-2.621053
Mg	-3.270848	0.573073	-0.711827
Mg	-2.712280	-1.929779	4.728383
Mg	-2.707316	-1.553223	-5.791481
Mg	-2.079344	-5.167296	-0.781986
Mg	-1.928482	2.975835	-2.699541
Mg	-1.747205	3.018617	1.784823
Mg	-1.613540	1.681356	-5.860454
Mg	-1.374792	-0.273852	2.100156
Mg	-1.286714	1.539690	4.898311
Mg	-1.025627	-1.971710	-0.720404
Mg	-0.659204	-3.347136	-3.736097
Mg	-0.549489	-3.708840	2.324569
Mg	0.118394	1.290980	-0.584485
Mg	0.407763	4.372342	4.096346
Mg	0.642110	-0.888383	-5.704327
Mg	0.871370	-1.125295	4.474502
Mg	1.089964	1.894196	-3.812871
Mg	1.242203	4.220555	0.806345
Mg	1.631753	-4.219768	-0.561491
Mg	1.683049	-1.143823	1.147988
Mg	1.689185	-1.165314	-2.472217
Mg	2.029390	1.826689	5.705236
Mg	3.100149	-3.623651	2.927043
Mg	3.158937	4.101104	-2.090948
Mg	3.407662	1.616680	0.374087
Mg	3.594821	3.511366	3.187360
Mg	3.876572	0.092613	3.392485
Mg	4.431785	0.892181	-2.926484
Mg	4.633148	-1.744182	-0.408037

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Al3Mg32

Al	-4.060357	-0.089362	-1.341890
Al	4.333966	0.137310	-1.162773
Al	-0.700649	-0.063642	2.753801
Mg	3.465117	0.163903	-4.271203
Mg	-4.746831	-1.775861	-3.968195
Mg	-4.840240	1.640860	-3.913094
Mg	-1.831505	0.009898	-3.718118
Mg	6.738256	0.237475	-3.291991
Mg	4.867105	-2.579116	-2.810113
Mg	4.716564	2.930659	-2.720901
Mg	-7.152928	-0.161163	-2.132266
Mg	1.698012	-1.638105	-1.983305
Mg	1.604291	1.791770	-1.927771
Mg	-2.289161	-2.803299	-1.810547
Mg	-2.440473	2.730976	-1.721278
Mg	-5.547582	-2.888829	-0.833752
Mg	-5.697816	2.606854	-0.745109
Mg	-1.005646	-0.020157	-0.453071
Mg	6.981884	-1.509216	-0.365863
Mg	6.888761	1.899285	-0.310679
Mg	3.874554	-2.671346	0.457358
Mg	3.723343	2.862816	0.546957
Mg	1.974914	0.037937	0.993516
Mg	0.122583	-2.806416	1.111214
Mg	-6.126312	-0.186051	1.151362
Mg	-0.029875	2.771600	1.201378
Mg	-3.144796	-1.804652	1.368331
Mg	-3.237453	1.585145	1.423062

Mg	5.155718	0.108291	2.016540
Mg	1.833745	-1.726081	3.876365
Mg	1.740186	1.697566	3.931712
Mg	-1.404944	-2.855327	4.149528
Mg	-1.555089	2.638891	4.238324
Mg	-3.494290	-0.165628	4.341162
Mg	-0.413052	-0.106985	5.921311

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Al4Mg31

Al	2.358251	1.780540	-1.748375
Al	3.415069	-0.251210	-0.251876
Al	1.352347	1.230820	0.716276
Al	-4.337419	-1.654095	0.816914
Mg	3.650477	2.372063	-4.673113
Mg	0.561814	0.979465	-4.372355
Mg	1.024445	4.216566	-3.451058
Mg	3.368351	-0.780211	-3.437730
Mg	-3.041778	-0.806769	-2.090250
Mg	4.113955	4.514020	-2.077664
Mg	5.547817	1.399288	-2.017825
Mg	-4.804125	-3.695351	-1.624220
Mg	0.568925	-0.889768	-1.609488
Mg	5.897093	-1.947062	-1.491836
Mg	-0.844158	2.174056	-1.484898
Mg	-6.397625	-0.689163	-1.456822
Mg	2.804114	-3.331355	-1.197198
Mg	-1.713659	-3.360721	-0.208597
Mg	1.340086	4.345690	-0.064734
Mg	-4.306296	1.541209	0.063369
Mg	4.182159	2.729809	0.753019
Mg	-7.172709	-3.153006	0.783601
Mg	-1.526030	-0.166269	0.852113
Mg	6.354357	0.206813	1.094833
Mg	1.282829	-1.915180	1.527068
Mg	-4.268833	-4.782904	1.559338
Mg	4.596663	-2.651089	1.607352
Mg	-1.204941	3.029711	1.802026
Mg	-6.842767	0.085660	1.831694
Mg	3.461052	0.268062	2.938659
Mg	-2.164407	-2.577761	3.098080
Mg	1.905872	3.313118	3.152469
Mg	-3.765976	0.450394	3.269985
Mg	0.131554	0.460217	3.694590
Mg	-5.526505	-2.445588	3.696650

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Al5Mg30

Al	-1.927663	-0.848578	-3.375955
Al	-0.689895	-0.625780	-0.919343
Al	-0.651643	1.457450	-2.705701
Al	0.680451	-0.345241	1.769964
Al	1.953824	-0.005701	4.198302
Mg	-5.189942	-0.822634	-3.439504
Mg	-3.472943	0.981011	-1.208671
Mg	-3.425572	-3.647669	-4.080148
Mg	-3.410052	-2.360997	-0.926978
Mg	-3.351068	-1.006438	-6.289305
Mg	-3.307425	1.864112	-4.458869
Mg	-2.562142	-0.377959	1.722356
Mg	-2.452218	4.073668	-1.963758
Mg	-0.847550	2.228428	0.453578
Mg	-0.800253	1.633568	3.797319
Mg	-0.795778	-3.156739	1.123405
Mg	-0.764851	-1.758111	4.241412
Mg	-0.602429	3.916893	-4.805969
Mg	-0.548335	-3.556957	-2.260382
Mg	-0.528901	-2.770577	-5.611261
Mg	-0.420625	0.657677	-5.803952
Mg	0.048745	0.317226	6.805492
Mg	0.932562	4.135739	-1.707912
Mg	1.297612	-1.012669	-3.431495
Mg	1.798946	2.954855	5.524293
Mg	1.861268	-2.518662	6.253470
Mg	2.012399	1.033223	-0.879011
Mg	2.046023	-2.303759	-0.424815

Mg	2.060088	2.517523	2.163290
Mg	2.118493	-2.963052	2.897934
Mg	2.203231	2.128100	-4.132952
Mg	3.448805	0.391204	7.050895
Mg	3.873436	-0.319578	1.619636
Mg	4.687295	1.747825	4.178499
Mg	4.726106	-1.637397	4.626134

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Al6Mg29

Al	2.657736	-2.374834	-1.315356
Al	0.603437	-0.401110	-1.147847
Al	-1.432016	1.543895	-0.916637
Al	-1.450668	-0.635752	0.732090
Al	0.452542	1.318188	1.049835
Al	-2.165031	1.826742	1.734622
Mg	3.826738	-3.038670	-4.234991
Mg	-0.386610	1.011883	-3.906749
Mg	0.534128	-2.289062	-3.741853
Mg	2.878801	0.118101	-3.350390
Mg	-3.697330	1.746072	-3.208853
Mg	-1.352895	4.153002	-2.817446
Mg	1.781873	-5.213735	-2.549077
Mg	-2.322579	-1.218746	-2.311979
Mg	5.621088	-1.272200	-1.908068
Mg	1.481458	2.686689	-1.676883
Mg	4.961984	-4.603615	-1.411590
Mg	-0.385511	-3.378575	-0.636769
Mg	-3.744023	3.705070	-0.358264
Mg	-4.356246	0.390824	-0.173476
Mg	3.419150	0.527493	-0.001556
Mg	-3.695441	-2.908057	0.280465
Mg	-0.528996	4.320092	0.465484
Mg	2.345475	-4.826806	0.790386
Mg	4.726007	-2.382831	1.187846
Mg	2.677786	3.635046	1.344485
Mg	1.459561	-1.683404	1.609465
Mg	-5.269304	2.335599	2.420075
Mg	-1.336164	-3.214829	2.682686
Mg	-2.898950	4.769143	2.815800
Mg	-3.746518	-0.718768	2.960586
Mg	2.687866	0.916462	3.354508
Mg	0.086698	3.216626	3.600540
Mg	-0.532709	-0.094932	3.774580
Mg	-2.901337	2.035000	4.864334

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Al7Mg28

Al	-1.874880	-2.226487	0.027372
Al	-1.565073	-0.059643	1.704108
Al	-1.515272	0.314029	-1.026211
Al	0.239685	1.751141	0.569067
Al	0.588641	-0.953003	0.210961
Al	1.107533	0.800392	-1.868080
Al	2.802771	0.724244	0.305168
Mg	-4.775304	-3.556645	-0.210556
Mg	-4.420037	-0.229018	0.233836
Mg	-4.061348	1.068424	3.360649
Mg	-3.935703	1.824323	-2.461551
Mg	-3.542763	-2.323891	2.773599
Mg	-3.454440	-1.562730	-2.733223
Mg	-2.839859	2.720019	0.660135
Mg	-2.140265	-5.136854	1.341887
Mg	-2.114217	-4.686661	-2.034244
Mg	-1.487295	-0.520647	4.885250
Mg	-1.157428	0.762180	-4.183329
Mg	-0.917816	2.597606	3.439606
Mg	-0.897607	3.330925	-1.999577
Mg	-0.209525	4.886789	0.975982
Mg	-0.154770	-2.793690	2.723816
Mg	-0.150024	-2.056173	-2.713196
Mg	0.799155	-4.096806	-0.224869
Mg	1.326977	0.150689	3.135003
Mg	1.614810	2.892461	-4.237455
Mg	2.077447	-0.434837	-4.673746
Mg	2.304885	3.653429	-0.991873

Mg	2.438898	3.206884	2.369278
Mg	3.005422	-1.821487	-1.702189
Mg	3.121972	-2.251451	1.630128
Mg	4.190088	1.275873	-2.541614
Mg	4.644864	0.589559	2.941174
Mg	5.259307	2.773050	0.384024
Mg	5.691169	-0.611992	-0.069330

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Al8Mg27			
Al	-2.103663	-1.160178	0.815690
Al	-0.974108	1.155005	1.911862
Al	-0.762502	0.597790	-0.765212
Al	-0.393089	-2.085113	-1.198258
Al	0.635828	-0.946481	1.104848
Al	1.051461	2.104144	-1.995679
Al	1.431206	1.648077	0.608044
Al	1.793809	-0.373995	-1.332870
Mg	-5.242855	-1.307673	0.382891
Mg	-3.778019	0.261065	3.143572
Mg	-3.613667	-3.223917	2.683593
Mg	-3.603135	1.669758	0.035228
Mg	-3.171764	-0.735803	-2.273842
Mg	-3.051760	-3.789016	-0.744042
Mg	-2.833227	3.606084	2.727433
Mg	-1.933776	2.580599	-3.049714
Mg	-1.597291	-3.286201	-3.888344
Mg	-1.175263	1.734163	5.022007
Mg	-0.949914	3.749929	-0.111507
Mg	-0.921990	-1.451819	3.825636
Mg	-0.484026	-3.894217	1.481229
Mg	-0.249849	-0.154021	-3.858826
Mg	0.066762	-5.192209	-1.626470
Mg	0.661323	3.799893	2.817555
Mg	1.257050	4.214403	-4.156165
Mg	1.755145	0.681634	3.632569
Mg	1.833685	-2.737850	-3.457846
Mg	2.228481	4.625266	-0.516617
Mg	2.229928	-2.691930	3.221074
Mg	2.462623	-3.263773	-0.154497
Mg	2.913262	0.806643	-4.181878
Mg	3.818446	-0.429729	1.161079
Mg	3.908356	2.921645	2.052002
Mg	4.114843	1.936391	-1.248613
Mg	4.677690	-1.368564	-2.065934

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Al9Mg26			
Al	1.449338	-0.201925	-2.449167
Al	-0.945438	1.042867	-1.778377
Al	-0.387263	-1.542505	-0.923064
Al	2.271878	-1.701523	-0.288226
Al	1.049508	0.678647	0.071503
Al	-0.652474	2.748641	0.398547
Al	-1.647593	0.226729	0.784438
Al	0.394040	-1.399405	1.740814
Al	0.169948	1.248980	2.559457
Mg	2.133127	-0.967078	-5.376751
Mg	0.223445	1.804154	-4.647084
Mg	-1.106678	-1.285548	-4.031537
Mg	-3.172664	1.527835	-3.924715
Mg	1.363341	-3.391284	-2.872354
Mg	4.286775	-1.691853	-2.806015
Mg	-1.435434	4.133116	-2.399352
Mg	-1.932442	-4.028126	-2.059851
Mg	1.667244	3.046091	-1.925745
Mg	-3.468671	-0.966976	-1.558304
Mg	4.068196	0.962964	-0.880068
Mg	3.955940	-4.289368	-0.588868
Mg	-3.669970	2.313010	-0.558625
Mg	0.559976	-4.323995	0.346756
Mg	-2.350349	5.327581	0.698299
Mg	-2.435489	-2.850768	1.156083
Mg	2.441581	3.246371	1.323523
Mg	-4.642727	-0.223501	1.611919
Mg	3.260826	0.140477	2.261446

Mg	2.944686	-3.157193	2.502194
Mg	-2.804494	2.459394	2.774183
Mg	-0.067308	4.420232	3.093453
Mg	-0.274320	-3.756702	3.689901
Mg	-2.003594	-0.725618	3.819649
Mg	1.285564	-0.828389	4.749878
Mg	-0.528504	2.004669	5.486061

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Al10Mg25

Al	-0.001618	1.695350	-2.433933
Al	-2.167383	0.183031	-1.548030
Al	-1.377483	-2.431010	-0.995509
Al	0.405609	-0.466809	-0.951143
Al	2.008228	1.685185	-0.504496
Al	2.818950	-0.921367	0.053145
Al	-0.708255	1.837356	0.189136
Al	0.639238	-2.420722	0.926766
Al	-1.538792	-0.653593	1.057468
Al	0.994465	0.257720	1.690530
Mg	-2.318539	1.414786	-4.550491
Mg	-0.406619	-1.228724	-3.913495
Mg	2.626399	3.193678	-3.314583
Mg	-3.523936	-2.200004	-3.290331
Mg	2.658415	-0.126036	-3.147597
Mg	-5.064423	0.856100	-2.388431
Mg	1.653584	-3.139904	-2.096942
Mg	-2.633098	3.391865	-1.846036
Mg	5.097121	0.901448	-1.136036
Mg	0.511933	4.523278	-1.060024
Mg	-0.200152	-5.283442	-0.359622
Mg	3.918664	4.087693	-0.143292
Mg	-4.341207	-1.730933	-0.060205
Mg	3.475974	-3.960973	0.559016
Mg	-3.836522	1.564342	0.818006
Mg	-1.947622	4.446819	1.392007
Mg	-2.227261	-3.692092	1.803776
Mg	4.013694	1.274621	2.027652
Mg	1.313903	3.417165	2.105172
Mg	0.973537	-4.745469	2.935739
Mg	2.982568	-1.817895	3.105690
Mg	-3.739386	-0.927139	3.265361
Mg	-1.411179	1.624019	3.309053
Mg	-0.374658	-1.647273	3.870568
Mg	1.725852	1.038928	4.631110

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Al11Mg24

Al	0.447704	-0.537278	-2.622273
Al	-1.100046	1.715998	-1.791847
Al	1.547458	1.435826	-1.011865
Al	-0.040443	-2.737605	-0.955641
Al	2.140889	-1.201628	-0.479362
Al	-0.431713	-0.266621	-0.081196
Al	-2.657025	1.071765	0.448358
Al	-0.293488	2.342534	0.826792
Al	1.620172	0.520393	1.607578
Al	0.567405	-2.044931	1.691669
Al	-0.980258	0.208388	2.522135
Mg	1.402063	-0.909638	-5.537959
Mg	-1.691145	0.572798	-4.706250
Mg	1.196692	2.300331	-4.011532
Mg	-0.856406	-3.152188	-3.957500
Mg	-1.942282	3.959146	-3.743639
Mg	3.620044	0.076127	-3.001731
Mg	2.413871	-3.133782	-2.968436
Mg	-4.293726	1.852133	-2.113091
Mg	-2.741907	-1.131385	-2.040197
Mg	0.614891	4.451084	-1.389520
Mg	-2.615676	4.188611	-0.269747
Mg	4.482614	0.871074	0.180097
Mg	2.503111	-4.258130	0.248572
Mg	-2.656775	-2.202639	1.024913
Mg	2.652536	3.535455	1.161818
Mg	-0.714059	-4.944709	1.171266
Mg	3.764685	-1.746485	2.213082

Mg	-2.526434	3.064265	2.947274
Mg	-4.151260	0.059529	3.015791
Mg	1.657947	-4.134761	3.690134
Mg	0.759710	2.628673	3.825417
Mg	-1.446299	-2.510308	4.116257
Mg	1.433145	-0.676316	4.506059
Mg	-1.685992	0.734272	5.484573

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Al12Mg23

Al	-2.539019	-0.158288	-1.055022
Al	-1.712977	1.167706	1.283071
Al	-1.551635	-1.621031	1.120203
Al	-1.002415	2.263243	-1.207325
Al	-0.744863	-2.378742	-1.454217
Al	0.040914	-0.052464	-0.421144
Al	0.504580	-0.174513	2.315704
Al	0.862870	2.183985	0.880841
Al	1.109852	-2.316922	0.639546
Al	1.745220	1.545434	-1.701145
Al	1.901579	-1.323171	-1.851598
Al	2.601160	0.033270	0.491674
Mg	-4.507349	-0.425816	1.420965
Mg	-4.080067	2.571392	-0.282231
Mg	-3.761228	-3.132362	-0.518318
Mg	-3.723041	2.562967	3.185649
Mg	-3.257306	1.850949	-3.435197
Mg	-3.069340	-1.998475	-3.600573
Mg	-2.199785	-0.481232	4.003133
Mg	-1.461804	4.373489	1.119163
Mg	-0.986579	-4.749446	0.652471
Mg	-0.466664	0.072741	-3.550400
Mg	-0.278945	2.545716	3.812773
Mg	-0.022512	-3.128525	3.492554
Mg	0.286522	3.290276	-3.933307
Mg	0.637586	-2.982982	-4.260382
Mg	1.042288	-0.324278	5.360234
Mg	1.188867	4.668565	-1.009126
Mg	1.680956	-4.550742	-1.482137
Mg	2.722057	0.301803	-4.467088
Mg	3.011284	1.652497	3.191786
Mg	3.181777	-1.829671	3.008919
Mg	3.900401	2.952089	0.167932
Mg	4.207344	-2.678042	-0.131905
Mg	4.740271	0.270581	-1.785502

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Al13Mg22

Al	1.308377	-0.161635	-2.353728
Al	-1.350028	-1.012823	-1.919067
Al	-0.680563	1.720207	-1.638016
Al	0.807870	-2.549650	-0.933835
Al	1.896165	1.859022	-0.475867
Al	2.809437	-0.776814	-0.043539
Al	0.198716	-0.141930	0.090467
Al	-2.411359	0.487569	0.230123
Al	-1.486166	-2.151810	0.662536
Al	-0.397745	2.260795	1.123191
Al	1.085567	-2.004482	1.817083
Al	1.758196	0.717298	2.102224
Al	-0.898350	-0.131140	2.540381
Mg	-0.777659	0.553307	-4.634285
Mg	0.331152	-2.668263	-4.077892
Mg	-1.671444	3.853963	-3.623605
Mg	1.712195	2.768664	-3.515149
Mg	-3.633460	1.044881	-2.676917
Mg	3.490311	-2.472684	-2.656735
Mg	4.331940	0.874366	-2.296774
Mg	-1.788714	-4.177973	-1.789836
Mg	-4.234302	-1.908451	-0.903369
Mg	0.410751	4.638656	-0.837598
Mg	-2.886994	3.611035	-0.292087
Mg	-5.402040	1.197016	0.402924
Mg	3.319722	-3.874419	0.519277
Mg	0.049765	-4.922937	1.056765
Mg	4.662764	1.557876	1.089065

Mg	2.230859	3.862246	1.991099
Mg	-3.884738	-1.217296	2.525945
Mg	4.044170	-1.383866	2.833855
Mg	-3.045830	2.176966	2.893291
Mg	-1.231835	-3.087996	3.708398
Mg	0.111050	2.352598	4.279146
Mg	1.222223	-0.892295	4.802530

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Al14Mg21

Al	-2.237206	0.098689	1.262031
Al	-2.212593	1.223158	-1.324288
Al	-1.968490	-1.579382	-1.007978
Al	-0.786065	2.484805	0.770234
Al	-0.419386	-2.061830	1.278080
Al	-0.365767	-0.225573	-2.894256
Al	-0.015338	0.115754	-0.254385
Al	0.321409	0.484504	2.392174
Al	0.363065	2.279446	-1.798246
Al	0.772263	-2.249515	-1.273781
Al	1.369390	-1.813428	3.234196
Al	1.949687	1.797511	0.496877
Al	2.198553	0.141587	-1.785624
Al	2.200595	-0.989105	0.797432
Mg	-4.862188	-0.341641	-0.486503
Mg	-3.964359	2.744430	0.863803
Mg	-3.480484	-2.844882	1.503002
Mg	-3.439519	-0.585630	-3.652864
Mg	-2.021435	2.170258	3.697291
Mg	-1.987339	4.405595	-1.468911
Mg	-1.749576	-1.284947	4.100172
Mg	-1.671850	2.348269	-4.255157
Mg	-1.172208	-3.235703	-3.601024
Mg	-1.130155	-4.637003	-0.400861
Mg	-0.470623	-4.397510	3.358762
Mg	0.926871	0.406102	5.460498
Mg	1.177339	4.839464	-0.067937
Mg	1.214073	3.420868	3.124646
Mg	1.683109	1.525028	-4.605042
Mg	1.990774	-1.922272	-4.205947
Mg	2.082448	-4.115266	1.056040
Mg	3.442335	3.066802	-2.023212
Mg	3.471937	0.661022	3.145760
Mg	3.947526	-2.504169	-1.391010
Mg	4.843208	0.574565	-0.043974

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Al15Mg20

Al	-2.607696	0.660286	0.412865
Al	-2.117312	-1.358661	-1.506488
Al	-1.723889	-1.900327	1.241897
Al	-1.277155	1.291648	-2.026606
Al	-0.637087	0.413966	2.437913
Al	-0.428664	2.385939	0.383685
Al	-0.113178	-0.240737	-0.124042
Al	0.137097	-2.852956	-0.663653
Al	0.413916	-0.885878	-2.677561
Al	0.781640	2.732708	2.753727
Al	1.053809	-1.766723	1.781807
Al	1.504128	1.430009	-1.487748
Al	1.935524	0.818910	1.267695
Al	2.076944	3.347283	0.379037
Al	2.384386	-1.135320	-0.657601
Mg	-4.751741	-1.683530	0.270699
Mg	-4.408252	0.748993	-2.210498
Mg	-3.614149	-0.289160	3.271313
Mg	-3.069678	3.625633	-0.735967
Mg	-2.676507	-4.351946	-0.556573
Mg	-2.447916	2.993250	2.748119
Mg	-2.114996	-0.432370	-4.563615
Mg	-1.053892	-3.581972	-3.531507
Mg	-0.828445	-2.135722	4.312730
Mg	-0.275044	-4.650929	1.944291
Mg	-0.142332	5.403433	1.320713
Mg	0.197302	4.248386	-2.101527
Mg	0.636935	1.728069	-4.522763

Mg	1.863812	0.135328	4.360275
Mg	2.361744	-3.399615	-2.889922
Mg	2.850357	-4.062341	0.503213
Mg	3.422701	-0.118299	-3.481154
Mg	3.948411	2.692138	2.850479
Mg	4.210197	-1.199928	1.985980
Mg	4.509030	1.390434	-0.489211

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Al16Mg19

Al	-1.723135	0.731242	-2.470605
Al	1.085479	0.680013	-2.327527
Al	-0.425966	-1.754022	-2.220019
Al	3.625415	0.304784	-1.256786
Al	-0.378845	2.679538	-0.938066
Al	-2.750835	-1.232892	-0.721554
Al	1.716868	-1.376960	-0.537459
Al	-0.484933	0.081708	-0.193182
Al	-2.737833	1.479782	0.053030
Al	1.774345	1.436013	0.350108
Al	-0.595857	-2.533351	0.533991
Al	3.367367	-0.487867	1.430700
Al	1.943954	-2.908842	1.604983
Al	-0.581095	1.912037	1.805726
Al	-2.058181	-0.529974	1.920013
Al	0.735032	-0.550342	2.118969
Mg	-0.188580	-0.364173	-5.049193
Mg	-0.157165	3.023966	-4.070967
Mg	-3.262873	-1.667907	-3.790269
Mg	2.635011	-1.846341	-3.493573
Mg	-3.217077	3.482483	-2.322484
Mg	2.714189	3.352294	-1.976644
Mg	-2.230861	-4.267275	-1.573495
Mg	1.296521	-4.404414	-1.215570
Mg	4.542127	-2.748173	-0.417104
Mg	4.772846	2.313004	0.892507
Mg	-2.211678	4.499424	0.909661
Mg	-5.175221	-0.259963	1.010148
Mg	1.298168	4.430621	1.147192
Mg	-3.482115	-3.330862	1.588004
Mg	-3.493830	2.049170	3.091592
Mg	2.274277	1.875136	3.442069
Mg	-0.593383	-2.969408	3.652787
Mg	2.739820	-1.572813	4.352812
Mg	-0.771957	0.474365	4.670208

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Al17Mg18

Al	-0.776592	-0.965684	-2.592519
Al	1.044899	0.943359	-1.786576
Al	0.289870	3.496203	-1.638026
Al	-1.690009	1.494125	-1.441449
Al	3.593548	0.251788	-1.418976
Al	1.614301	-1.750945	-1.222433
Al	-2.879405	-0.953580	-0.697910
Al	-0.858820	-2.937985	-0.564032
Al	2.583787	2.613617	-0.256910
Al	-0.388696	-0.393184	0.038656
Al	0.042890	2.174870	0.664652
Al	2.124237	0.130846	0.802606
Al	-2.366319	0.988114	1.296569
Al	0.935897	-2.254895	1.515422
Al	-1.831492	-1.742452	1.815746
Al	2.003163	2.206572	2.471674
Al	0.023588	0.204166	2.669094
Mg	-0.487840	1.844994	-4.356497
Mg	2.141800	-0.737319	-4.182133
Mg	-3.547663	0.144020	-3.629906
Mg	2.998545	2.825442	-3.374645
Mg	0.444111	-3.776130	-3.365422
Mg	-3.038777	-3.282915	-2.798537
Mg	-4.761425	1.635601	-0.660641
Mg	1.751481	-4.760519	-0.229090
Mg	-2.348243	4.131439	0.194674
Mg	4.145587	-2.245991	0.625003
Mg	1.166476	5.077116	1.106792

Mg	4.971945	1.339889	1.359141
Mg	-4.884950	-1.014040	1.718319
Mg	-1.049770	-4.780284	1.972430
Mg	-0.984429	3.104959	3.465758
Mg	2.879732	-0.689994	3.721873
Mg	-2.691296	0.077391	4.305083
Mg	-0.170133	-2.398595	4.472213

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Al18Mg17

Al	-3.850426	0.432036	-1.013480
Al	-2.733951	2.537941	0.489136
Al	-2.124032	-0.093274	0.954461
Al	-1.846822	-1.498005	-1.451022
Al	-1.838119	1.604432	2.991934
Al	-1.363743	1.258387	-1.506102
Al	-0.857493	-2.544878	1.022056
Al	-0.625848	3.755310	-0.928233
Al	-0.097645	1.995080	1.007438
Al	0.163492	-0.332116	2.560307
Al	0.302914	-0.385350	-0.169120
Al	0.350771	-0.395964	-2.888457
Al	0.660490	-2.743369	-1.358980
Al	1.378766	1.825106	-1.375349
Al	1.935762	-2.018973	1.163034
Al	2.383504	0.789766	1.112197
Al	2.700103	-0.659853	-1.315891
Al	3.222395	-3.216051	-0.833604
Mg	-4.903355	0.878249	2.063249
Mg	-4.137061	-2.450860	0.519470
Mg	-3.504490	3.352471	-2.460903
Mg	-2.687812	0.009916	-4.073603
Mg	-2.546437	-1.514462	3.705697
Mg	-1.848095	-4.637318	-1.202104
Mg	-1.182757	4.713078	2.162505
Mg	-0.165951	2.707405	-4.000374
Mg	0.574784	-3.251288	3.756807
Mg	1.153733	-5.082396	0.739515
Mg	1.238187	2.378956	3.807051
Mg	2.201979	4.088432	0.688903
Mg	2.511239	-2.565101	-3.901073
Mg	2.966376	0.995311	-4.008951
Mg	3.058325	-0.695882	3.826660
Mg	4.526393	1.913004	-0.933568
Mg	4.984825	-1.149742	0.850390

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Al19Mg16

Al	-2.651350	0.961842	-0.234265
Al	-2.532864	-1.837695	0.320365
Al	-2.169839	-0.900357	-2.354041
Al	-2.119705	2.471135	2.127457
Al	-1.300318	-0.076580	2.031749
Al	-0.698147	1.552938	-2.260685
Al	-0.546879	-2.969894	-1.393259
Al	-0.351670	-0.501047	-0.485101
Al	-0.154650	1.995564	0.432968
Al	0.047652	-2.479668	1.363439
Al	0.483203	1.803270	3.068078
Al	0.575823	-0.965953	3.723062
Al	0.623338	-0.882550	-2.954267
Al	1.182137	3.470300	-1.298218
Al	1.486962	-0.097641	1.404713
Al	1.865255	0.881321	-1.252531
Al	2.000837	-1.888631	-0.663052
Al	2.470581	2.404645	1.006160
Al	3.877675	0.033198	0.297388
Mg	-5.108280	-0.875354	-1.177035
Mg	-4.409102	0.114426	2.254544
Mg	-3.735799	1.816064	-3.071037
Mg	-2.245122	-2.644897	3.535586
Mg	-2.075368	4.106585	-0.802509
Mg	-1.957461	-4.892960	0.688266
Mg	-1.850653	0.857497	4.973654
Mg	-1.278034	0.283991	-5.150933
Mg	0.379448	4.752654	1.751849

Mg	1.552226	-4.926776	0.059147
Mg	1.784375	1.988599	-4.171074
Mg	1.872744	-3.733842	-3.285925
Mg	3.157193	-2.565413	2.294826
Mg	3.499856	0.773868	3.599036
Mg	3.948378	-0.770839	-2.890085
Mg	4.377558	2.742201	-1.488270

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Al20Mg15

Al	-0.459086	-0.351350	-3.387254
Al	0.232140	-3.029578	-2.731326
Al	1.695093	1.467644	-2.603907
Al	-2.888104	0.455909	-1.971931
Al	1.395329	-1.020517	-1.467369
Al	3.829770	0.008338	-1.423063
Al	-1.365694	-1.669403	-1.084969
Al	-0.430199	0.961706	-1.050114
Al	0.602135	3.403098	-0.702638
Al	-2.222270	2.751070	-0.276760
Al	0.693286	-3.191691	0.068016
Al	2.069989	1.231723	0.164420
Al	-2.387359	0.150543	0.728025
Al	2.836156	-1.382189	0.847263
Al	0.241944	-0.714388	0.993407
Al	-0.224485	1.976793	1.514614
Al	-1.742844	-2.414409	1.538993
Al	-2.705085	2.150139	2.446186
Al	1.749278	0.534204	2.808902
Al	-1.109034	-0.058852	3.186012
Mg	2.512364	-1.091948	-4.373505
Mg	-2.857093	-2.353662	-3.740247
Mg	-1.179687	2.867001	-3.413283
Mg	3.435692	-3.309366	-1.763285
Mg	3.867719	3.325068	-1.294708
Mg	-1.894797	-4.733979	-0.830502
Mg	-4.407367	-2.001645	-0.369568
Mg	-5.105261	1.600936	0.216752
Mg	3.180835	-4.421289	1.519915
Mg	4.818789	0.935191	1.610946
Mg	-1.122318	4.963964	1.665254
Mg	2.347283	3.701789	2.086842
Mg	-4.166724	-0.768658	3.120233
Mg	0.936387	-2.572135	3.397330
Mg	-0.176782	2.599942	4.571317

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Al21Mg14

Al	2.568731	-1.650452	-3.247508
Al	1.023038	0.753028	-3.033950
Al	-0.061056	-1.910162	-2.662996
Al	-0.900484	2.679583	-1.776863
Al	1.803769	-3.443360	-1.228475
Al	-2.605320	-1.707751	-1.219568
Al	-0.666746	0.120037	-1.032933
Al	1.908421	-0.793245	-0.894857
Al	-3.122185	1.130135	-0.662954
Al	1.461195	1.866639	-0.505249
Al	-0.265777	-2.376648	0.109453
Al	0.375403	4.172478	0.266243
Al	-1.039347	2.025532	0.892159
Al	3.255261	0.501616	1.103465
Al	-2.077956	-0.625464	1.261612
Al	0.640352	-0.061237	1.384708
Al	2.214204	-2.222429	1.413231
Al	-3.332385	1.565816	2.128648
Al	1.324576	2.376537	2.253818
Al	-0.331913	-2.055024	2.854806
Al	-0.904027	0.821093	3.369532
Mg	0.578463	-1.016283	-5.619284
Mg	-2.206431	0.382399	-3.733229
Mg	1.787766	3.973761	-2.769813
Mg	4.113037	1.085745	-2.108561
Mg	-1.218542	-4.683783	-1.779044
Mg	4.700169	-2.106068	-0.619353
Mg	-3.016121	4.270960	0.080314

Mg	3.656122	3.752784	0.639744
Mg	-5.145478	-0.836072	0.726680
Mg	-2.816012	-3.678829	1.419210
Mg	0.695704	-4.963836	1.543598
Mg	-1.267996	4.030101	3.244844
Mg	2.137465	-0.260096	4.100988
Mg	-3.265900	-1.117508	4.101584

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Al22Mg13

Al	-3.431770	-1.911250	1.491915
Al	-3.054971	0.909937	1.534648
Al	-2.960928	-0.169716	-3.078681
Al	-2.762930	1.955735	-1.224411
Al	-2.287845	-0.699305	-0.557082
Al	-1.208522	-3.111348	0.199628
Al	-0.996201	-0.955907	1.991432
Al	-0.922700	-2.062337	-2.545155
Al	-0.693554	1.326797	0.367983
Al	-0.619934	1.592539	3.031617
Al	-0.562239	0.666729	-2.302855
Al	-0.065388	3.240919	-1.417431
Al	0.428557	-1.098975	-0.412501
Al	1.254348	2.986669	1.211145
Al	1.336531	-2.488488	1.693514
Al	1.412078	0.293498	1.748218
Al	1.475123	1.954285	-3.417106
Al	1.740988	-0.790929	-2.753836
Al	1.784145	1.250231	-0.869954
Al	3.110915	-1.084984	-0.158641
Al	3.573891	-0.910421	2.506585
Al	3.727435	1.417111	0.953395
Mg	-5.294896	0.031738	-0.618754
Mg	-3.845967	-3.133669	-1.667212
Mg	-2.883167	-0.391492	4.400805
Mg	-1.914638	4.034360	1.218948
Mg	-1.737340	2.840377	-4.159158
Mg	-1.285255	-3.775223	3.272144
Mg	-0.306940	-0.341289	-5.215027
Mg	0.919945	-1.010157	4.552887
Mg	1.619242	-3.797935	-1.369821
Mg	2.664206	2.063860	3.952186
Mg	3.080548	4.026534	-1.234611
Mg	4.209024	-3.714358	1.192536
Mg	4.498208	0.856462	-2.317351

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Al23Mg12

Al	-1.336753	-0.795090	-3.896526
Al	-0.556477	1.793936	-3.011247
Al	3.358435	-0.905662	-2.440938
Al	0.742561	-0.536787	-2.281457
Al	2.319154	1.727540	-2.138109
Al	-0.971370	-2.680496	-1.740438
Al	-1.896887	-0.023676	-1.419991
Al	1.771855	-2.737025	-0.871095
Al	-2.213258	2.604246	-0.660612
Al	0.235856	1.516293	-0.460583
Al	2.448338	-0.122454	-0.075794
Al	-4.081110	0.410190	0.045770
Al	-0.053599	-1.072551	0.263585
Al	-2.607751	-1.951106	0.469374
Al	2.404514	2.501573	0.726028
Al	-0.311953	-3.583717	0.923244
Al	-1.742260	0.751602	1.312140
Al	-0.365918	3.091177	1.610621
Al	1.861131	-1.994464	1.908141
Al	0.854263	0.673579	2.191473
Al	3.490453	0.366869	2.289677
Al	-3.526453	-0.630055	2.617886
Al	-0.853532	-1.489382	2.800882
Mg	1.611665	0.503061	-5.049185
Mg	1.251122	-3.023828	-4.051849
Mg	-3.789178	1.534833	-3.271085
Mg	-4.085917	-2.010969	-2.371031
Mg	0.540634	4.443918	-1.298749

Mg	5.127951	1.326209	-0.568180
Mg	4.699842	-2.197871	0.391063
Mg	-3.800741	2.873975	2.140121
Mg	-2.894571	-3.869209	2.921886
Mg	2.105741	2.998657	3.822966
Mg	-1.401642	1.318471	4.357836
Mg	1.665855	-0.811791	4.814175

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Al24mg11

Al	0.352450	-1.567647	-2.951020
Al	-2.239216	0.016751	-2.648272
Al	2.855721	-2.572283	-2.200795
Al	2.500544	0.147012	-2.093634
Al	-1.498831	2.701664	-1.575461
Al	0.251965	-3.886306	-1.410928
Al	1.534823	2.720797	-1.237648
Al	-0.027840	0.494238	-1.217813
Al	-4.008433	-1.293482	-0.887967
Al	-1.412107	-1.846836	-0.767762
Al	4.044631	1.740010	-0.477960
Al	1.297821	-1.735840	-0.302808
Al	-2.459276	0.660278	0.044708
Al	3.875789	-1.109491	0.102163
Al	1.966798	0.690315	0.666525
Al	-0.277164	2.269029	0.876828
Al	-2.779454	3.163269	0.892919
Al	-0.268598	-3.172160	1.394224
Al	2.207010	3.203883	1.421863
Al	-0.382500	-0.465498	1.428883
Al	-2.787933	-1.595925	1.633382
Al	1.979358	-1.482475	2.344437
Al	-2.023825	1.174935	2.740614
Al	0.931599	1.180194	3.133292
Mg	0.321546	1.552800	-4.108523
Mg	-2.443411	-3.127991	-3.377518
Mg	5.501147	-0.516918	-2.502045
Mg	-4.645011	1.963246	-1.707693
Mg	-0.144399	5.209527	-0.046064
Mg	-2.905581	-4.417313	0.019948
Mg	2.816161	-4.224459	0.692191
Mg	-5.054564	0.712016	1.706268
Mg	4.231619	0.908770	2.742942
Mg	-0.580077	4.015954	3.389763
Mg	-0.730761	-1.510066	4.282962

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Al25Mg10

Al	0.205103	-2.115065	-4.190435
Al	-1.068990	0.232508	-3.465589
Al	1.802273	-0.128676	-3.099776
Al	-2.389755	-2.150317	-2.817637
Al	2.294585	-2.753743	-2.243575
Al	-0.057272	-1.699658	-1.661040
Al	-1.992177	2.477735	-1.583531
Al	0.219220	1.014835	-1.234335
Al	2.781039	1.858659	-1.009074
Al	-2.270733	-0.208029	-0.952526
Al	2.226586	-0.789086	-0.400979
Al	0.421714	3.468169	-0.107508
Al	-1.891086	-2.823274	0.073576
Al	-3.925279	1.473807	0.246829
Al	0.956447	-3.194607	0.419992
Al	-0.256402	-0.777796	0.811316
Al	-1.392523	1.678194	0.987953
Al	1.355293	1.298229	1.229051
Al	3.856698	0.450960	1.353885
Al	-2.761412	-0.664937	1.789067
Al	1.907103	-1.294254	2.356235
Al	-0.693257	-2.501470	2.693378
Al	0.095112	3.017182	2.795912
Al	-0.443858	0.309969	3.269688
Al	2.165697	1.112350	3.686038
Mg	0.770311	3.047547	-3.438556
Mg	-4.246037	0.722609	-3.120633
Mg	-0.386542	-4.724432	-2.185759

Mg	4.831712	-0.445571	-1.983035
Mg	-4.884809	-1.744032	-0.420793
Mg	4.160223	-2.916388	0.703615
Mg	-2.458420	4.550247	0.882091
Mg	3.190371	3.693324	1.758027
Mg	-3.130694	2.051140	3.517485
Mg	1.009760	-1.526128	5.340643

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AL26Mg9

Al	-1.110006	2.122878	-3.453518
Al	0.384730	-2.648253	-3.117462
Al	1.552848	2.063826	-2.457123
Al	-0.156370	-0.107895	-2.386075
Al	2.531645	-0.812526	-2.302674
Al	-2.821374	0.595963	-1.710972
Al	-1.917596	-2.182170	-1.598927
Al	-0.692206	2.225879	-0.847551
Al	-0.367366	-4.319093	-0.798540
Al	0.799295	-2.012155	-0.582683
Al	1.527094	0.585794	-0.240368
Al	-1.106010	-0.307679	0.142648
Al	1.639950	3.231737	0.404351
Al	-3.535244	-1.101053	0.538784
Al	3.158115	-1.388611	0.608897
Al	-2.792099	1.678227	1.024248
Al	-1.007046	3.971508	1.242849
Al	-1.286564	-2.747645	1.280085
Al	1.377743	-3.593052	1.459412
Al	-0.077255	1.519309	1.698367
Al	0.812025	-1.023408	2.025109
Al	2.593671	1.159455	2.212227
Al	-1.865943	-0.323779	2.799006
Al	1.018694	3.335216	3.181904
Al	-1.662880	2.424441	3.545425
Al	0.515998	0.680271	4.151358
Mg	1.245866	0.182754	-5.094863
Mg	-2.240756	-0.906956	-4.525287
Mg	0.189840	4.968582	-1.894476
Mg	2.937625	-4.020337	-1.456551
Mg	-3.297513	3.786965	-1.349001
Mg	4.378517	1.529860	-0.631266
Mg	-3.608635	-4.333231	-0.085412
Mg	3.201354	-1.555316	3.856489
Mg	-0.320144	-2.679508	4.361589

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AL27Mg8

Al	0.812620	1.554175	-4.062105
Al	0.833737	-1.637727	-3.709892
Al	-1.741744	-2.822062	-3.187983
Al	-1.355537	0.012360	-3.129219
Al	0.577262	-4.084821	-2.168508
Al	-0.541045	2.598807	-1.941631
Al	2.343583	2.708850	-1.849839
Al	1.178893	0.302013	-1.829942
Al	2.447004	-2.125058	-1.343494
Al	-0.313973	-1.824227	-1.265641
Al	-3.027247	-1.420665	-1.090682
Al	-1.776161	-3.914784	-0.512671
Al	-1.238582	0.513987	-0.432799
Al	0.630261	4.378295	-0.227976
Al	3.361784	0.511754	-0.185031
Al	1.045254	1.889719	0.361884
Al	0.802002	-3.502226	0.608918
Al	1.171833	-0.810360	0.716815
Al	-1.542169	2.937110	0.764275
Al	-1.389428	-1.797202	1.222084
Al	-3.207473	0.299002	1.381382
Al	-0.619919	0.703059	2.152757
Al	2.201551	0.792511	2.635887
Al	0.519636	3.076611	2.706059
Al	0.629807	-1.617424	3.206897
Al	-2.013877	-0.930705	3.708005
Al	0.247975	0.751840	4.576204
Mg	0.841421	4.868188	-3.542171

Mg	3.745710	0.069188	-3.473170
Mg	-3.745083	1.821615	-1.583345
Mg	3.501936	3.511443	1.224739
Mg	-4.281558	-2.752651	1.571646
Mg	3.656214	-2.172297	1.819465
Mg	-1.209704	-4.276787	3.011436
Mg	-2.544983	2.388472	3.867647

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Al28Mg7

Al	1.707531	-1.358609	-3.990798
Al	-0.881390	-1.968662	-3.415665
Al	0.112230	0.820129	-3.162620
Al	1.027655	-3.651149	-2.442583
Al	2.714209	0.632798	-2.330964
Al	3.323553	-2.234613	-1.953739
Al	-1.715195	2.342426	-1.698595
Al	0.891745	-1.154800	-1.425558
Al	-1.618498	-0.395160	-1.400480
Al	-4.030385	0.615410	-0.941140
Al	-1.003460	-2.963021	-0.614478
Al	0.703492	1.356908	-0.285514
Al	3.403109	2.001672	-0.111858
Al	-3.659428	3.042768	0.211748
Al	2.927737	-0.650007	0.214885
Al	1.587951	-3.170818	0.244983
Al	-0.968385	3.666397	0.599262
Al	-1.848471	1.107545	0.741635
Al	-2.840448	-1.451858	0.828510
Al	0.061115	-0.826165	1.192530
Al	1.642320	3.448574	1.245322
Al	-4.332814	0.744170	1.756105
Al	2.302738	0.910776	2.241213
Al	2.241380	-1.888616	2.533357
Al	-0.116975	1.911729	2.624103
Al	-2.704913	2.698306	2.758903
Al	-2.075628	-0.153337	3.117501
Al	0.486594	-0.424788	3.898616
Mg	-2.972932	0.524486	-4.071087
Mg	1.278035	3.759763	-2.074928
Mg	-3.855662	-2.490353	-2.063922
Mg	5.628616	-0.060759	-1.289019
Mg	4.703857	-3.171356	0.826414
Mg	-0.808733	-3.324239	2.711026
Mg	-1.310551	1.754452	5.526832

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Al29Mg6

Al	2.575614	-1.480260	-3.692192
Al	0.138290	-0.148169	-3.320020
Al	0.314013	-2.832625	-2.725205
Al	2.829713	1.037068	-2.664123
Al	-1.809499	1.521704	-2.138404
Al	3.022673	-3.337121	-1.724781
Al	4.342271	-0.937839	-1.531259
Al	1.656467	-1.088274	-1.186429
Al	0.686234	1.322900	-1.104745
Al	-1.586268	-3.713980	-1.040350
Al	2.462885	3.246841	-0.907986
Al	-1.082501	-1.033054	-0.755017
Al	-0.345645	3.758250	-0.649408
Al	-3.611212	0.476384	-0.375816
Al	-3.032574	3.222061	-0.270649
Al	0.925022	-3.392345	-0.003396
Al	-3.455670	-2.181610	0.088404
Al	3.042466	0.783451	0.296479
Al	-1.267075	1.403530	0.590691
Al	3.223805	-1.927469	0.831324
Al	0.602956	-0.516278	1.307884
Al	1.162385	2.459632	1.427415
Al	-1.165477	-2.878236	1.574360
Al	-1.311531	3.748651	1.918431
Al	-2.373244	-0.567806	1.986248
Al	-3.383000	1.957926	2.161185
Al	1.410611	-2.788368	2.618127
Al	-0.646837	1.372416	3.209115

Al	-0.446186	-1.261559	3.767065
Mg	0.580271	3.114187	-3.696360
Mg	-2.904498	-1.469081	-3.161430
Mg	5.465024	2.079749	-1.242891
Mg	-5.513578	-0.482286	1.968657
Mg	2.570784	0.238967	3.519154
Mg	-3.076689	0.292642	4.925922

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Al30Mg5

Al	-1.263652	0.019760	-3.905029
Al	0.024533	-2.300047	-3.625725
Al	-0.236930	2.308472	-2.883544
Al	2.030541	-2.559631	-1.933932
Al	-1.893329	-1.742275	-1.816670
Al	0.382998	-0.249896	-1.687711
Al	-2.457949	0.899423	-1.632525
Al	-0.354979	-4.112077	-1.564905
Al	2.086740	2.150580	-1.336470
Al	-2.217452	3.617566	-1.296030
Al	3.213470	-0.212594	-1.282309
Al	0.422900	4.353621	-1.104495
Al	-0.404059	1.901492	-0.212152
Al	1.976199	-4.466299	0.021670
Al	0.304229	-2.266688	0.228250
Al	-2.379577	-3.266643	0.254717
Al	3.134799	-2.069002	0.582606
Al	-1.507683	-0.426900	0.786779
Al	-2.904829	1.995258	0.897349
Al	1.334812	0.158985	0.900246
Al	3.691772	1.257000	1.021234
Al	1.585705	3.166693	1.152095
Al	-1.109528	4.136200	1.169304
Al	-0.377687	-4.799645	1.200471
Al	-0.603787	1.765728	2.478557
Al	1.460656	-3.103815	2.516305
Al	-1.295359	-2.637588	2.576661
Al	3.059941	-0.821050	2.904012
Al	0.321420	-0.665514	3.263232
Al	2.009766	1.581414	3.275479
Mg	2.025100	0.286317	-4.244840
Mg	-3.114648	2.636300	-4.207892
Mg	-4.512810	-0.843902	0.058931
Mg	-2.968072	-0.057522	3.539487
Mg	0.536748	4.366280	3.906845

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Al31mg4

Al	-0.434761	-0.750842	-4.850586
Al	1.952829	-1.871079	-4.091846
Al	-0.526067	-3.224066	-3.696967
Al	1.598509	0.865487	-3.505881
Al	-1.186994	1.126246	-3.053605
Al	-2.430929	-1.407050	-2.766202
Al	0.620077	3.118553	-2.384862
Al	0.180728	-1.046312	-2.249528
Al	1.534164	-3.534311	-1.950883
Al	2.902180	-0.762204	-1.712138
Al	-3.539212	0.773637	-1.634536
Al	-1.698105	2.694588	-0.994896
Al	-1.163033	-3.103131	-0.955805
Al	0.879700	1.075450	-0.610016
Al	-1.472557	-0.258702	-0.188527
Al	1.123975	-1.813139	0.044970
Al	0.651123	3.840881	0.222315
Al	0.757911	-4.338591	0.653679
Al	-3.468278	1.517994	0.957313
Al	3.048719	-0.168940	1.040471
Al	-0.885677	2.011449	1.407351
Al	-1.017921	-2.508637	1.752384
Al	0.426729	-0.172063	1.905606
Al	1.895201	2.147667	1.997948
Al	1.769243	-2.506560	2.574929
Al	-2.192523	-0.162016	2.710715
Al	0.014680	3.892131	3.015440
Al	-2.464555	2.480340	3.461218

Al	2.329709	-0.050520	3.752591
Al	-0.046987	1.383041	4.084445
Al	-0.149349	-1.394675	4.209963
Mg	3.565882	2.454144	-0.966659
Mg	3.914597	-3.232410	0.235643
Mg	-3.995301	-1.859704	0.375371
Mg	-2.493706	4.783345	1.210584

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Al32Mg3			
Al	-3.533407	0.274070	1.384063
Al	-3.531843	0.728776	-1.374993
Al	-2.898937	-1.083756	3.671320
Al	-2.471924	-1.537265	-0.263438
Al	-2.217827	-3.160416	1.877659
Al	-1.749769	1.531396	2.968355
Al	-1.545401	2.339524	-2.377541
Al	-1.269810	-0.361503	-2.476540
Al	-1.244480	1.099927	0.054484
Al	-0.960712	-3.812298	-0.543088
Al	-0.849842	-0.828603	2.007526
Al	-0.643180	-2.692859	4.058764
Al	-0.544178	-0.101679	4.739754
Al	-0.099823	3.167665	1.717436
Al	0.248779	-2.655686	-2.810682
Al	0.279033	-1.396188	-0.415508
Al	0.319103	3.487735	-0.862759
Al	0.610856	-3.202944	1.682118
Al	0.889866	2.545671	-3.650187
Al	0.982120	-0.275133	-4.005013
Al	1.030656	0.963474	-1.560012
Al	1.160934	1.670152	3.586071
Al	1.183211	0.697893	1.116971
Al	1.592562	-1.099733	3.293687
Al	1.790193	-3.677869	-0.760600
Al	2.521710	2.984374	0.998529
Al	2.591464	-1.343866	-1.984920
Al	2.780472	-1.574773	0.824673
Al	2.831449	3.147117	-1.714932
Al	3.236507	1.010038	-3.256378
Al	3.522907	0.719595	2.368766
Al	3.563485	0.796917	-0.435254
Mg	-3.067534	3.515642	0.418767
Mg	-2.940201	-2.988991	-3.001710
Mg	-1.566437	1.113597	-5.275386

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Al33Mg2			
Al	-0.049265	-0.793579	-4.382076
Al	2.377636	0.058541	-3.245598
Al	1.714008	-2.671291	-3.124378
Al	-1.075672	-2.975921	-2.934643
Al	-0.139039	1.583338	-2.837110
Al	-2.248696	-0.262425	-2.638831
Al	2.415260	2.772946	-2.512353
Al	-3.655981	-2.617688	-2.021780
Al	0.266595	-0.936077	-1.771065
Al	4.178424	0.895294	-1.254486
Al	-1.907113	-4.479846	-0.774336
Al	1.591727	0.981796	-0.765646
Al	2.773722	-1.518464	-0.759351
Al	0.274693	3.389535	-0.724510
Al	0.666169	-3.366351	-0.559687
Al	-3.903356	-0.337225	-0.391596
Al	-1.686459	-1.838095	-0.379666
Al	-1.226925	0.889911	-0.080535
Al	3.070729	3.025043	0.211261
Al	-3.780326	-3.089002	0.688561
Al	0.462176	-0.908761	1.124412
Al	3.189313	0.285585	1.354820
Al	-3.348249	1.536884	1.481205
Al	0.839013	1.817209	1.536454
Al	-1.348627	3.360418	1.546572
Al	-1.009583	-3.418448	1.672577
Al	1.236429	4.463297	1.690038
Al	-2.562780	-1.051323	2.023170

Al	2.985113	2.601077	2.937569
Al	-1.173698	0.959315	3.077083
Al	-0.375616	-1.628527	3.601875
Al	1.544929	0.279114	3.610882
Al	0.430838	3.006409	3.883655
Mg	-2.966996	2.873555	-1.570424
Mg	2.441606	-2.886243	2.287937

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Al34Mg1

Al	1.499578	0.154089	-4.097687
Al	-2.979219	-0.843380	-3.824455
Al	-0.957434	1.045420	-3.579798
Al	-0.348382	-1.655785	-3.458420
Al	3.519548	0.678436	-2.561455
Al	-3.541739	1.361005	-2.524419
Al	1.276788	2.463187	-2.496499
Al	-2.568266	-2.956494	-2.330571
Al	2.256607	-1.882164	-2.301475
Al	-1.355465	2.657864	-1.488790
Al	-1.666254	-0.435624	-1.336687
Al	-0.057599	-3.098559	-1.230329
Al	0.995017	0.170993	-1.184620
Al	-4.184284	-0.991358	-1.068576
Al	3.095939	2.090311	-0.332612
Al	3.698748	-0.582915	-0.212547
Al	-3.514809	1.657284	0.103094
Al	0.762701	3.264786	0.182146
Al	-2.467687	-2.987453	0.311616
Al	2.083770	-2.594727	0.445251
Al	-0.883027	1.198289	0.731678
Al	-0.298716	-1.393796	0.848074
Al	-1.835335	3.737785	1.032203
Al	-0.077169	-4.060579	1.382293
Al	-2.939053	-0.596376	1.475348
Al	1.666303	0.443885	1.518949
Al	4.364382	1.068816	1.888188
Al	2.570662	2.995333	2.213778
Al	3.562649	-1.404733	2.411423
Al	-2.661094	1.823264	2.769198
Al	0.012305	2.624766	2.859052
Al	-1.676590	-2.543793	2.965234
Al	1.080218	-2.112196	3.071734
Al	-0.671644	-0.004926	3.263456
Mg	2.238551	0.709343	4.556225

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Al35Mg0

Al	-4.051862	-1.343601	0.268331
Al	-3.591031	1.187142	-0.946061
Al	-3.346488	-1.228866	-2.354842
Al	-3.170139	3.157356	0.767063
Al	-2.738715	0.623745	1.742128
Al	-2.129517	-3.179756	-0.743942
Al	-1.981523	3.552958	-1.792379
Al	-1.861784	-1.996498	1.863386
Al	-1.648608	0.899499	-2.809674
Al	-1.545768	-0.534854	-0.380402
Al	-1.126429	2.562833	2.609531
Al	-1.059199	4.710239	0.843937
Al	-0.773199	-0.089300	3.661089
Al	-0.698775	-1.938862	-2.678374
Al	-0.698562	2.067750	-0.109496
Al	-0.657407	-4.351269	1.114629
Al	0.525703	-0.020213	-4.240012
Al	0.545440	2.478231	-2.959871
Al	0.567005	-2.497740	2.843978
Al	0.600993	-4.164186	-1.435314
Al	0.614683	0.272221	1.437521
Al	0.663988	4.354087	-1.099543
Al	0.686956	-2.072905	0.082277
Al	0.743667	0.179664	-1.494944
Al	1.212853	1.948299	3.740372
Al	1.267175	3.309924	1.444291
Al	1.959851	-4.311390	1.261596
Al	2.006770	-1.888709	-2.757758

Al	2.035394	-0.509751	3.854217
Al	2.345406	2.210600	-0.733072
Al	2.845235	0.809150	-3.089507
Al	2.960528	-1.750617	1.678601
Al	3.098549	1.119065	1.775980
Al	3.176600	-3.154526	-0.751995
Al	3.222210	-0.409718	-0.611740

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Al0Mg45

Mg	-1.800267	-1.879042	-6.481180
Mg	1.623801	-0.927847	-6.165768
Mg	-0.962206	1.551719	-5.779895
Mg	2.496444	2.486541	-5.394274
Mg	-0.058846	4.934839	-4.941722
Mg	0.409759	-4.077846	-4.700779
Mg	-3.749290	-0.031551	-4.134138
Mg	-2.912092	-3.503811	-3.483548
Mg	-0.440260	-0.987737	-3.387775
Mg	-2.868418	3.415038	-3.355425
Mg	3.117174	-0.104537	-3.064104
Mg	2.715222	4.942841	-2.662867
Mg	0.413984	2.354621	-2.632628
Mg	1.916763	-3.207749	-1.624302
Mg	-0.626986	-5.670439	-1.610125
Mg	-0.606548	5.516794	-1.445536
Mg	-4.843625	-1.629179	-1.084918
Mg	-2.365902	0.841776	-1.049214
Mg	-3.958045	-5.037054	-0.426174
Mg	0.927841	-0.144703	-0.409322
Mg	-1.506820	-2.544666	-0.406452
Mg	3.329262	2.318731	-0.375909
Mg	-3.418426	3.946588	0.174928
Mg	4.133691	-1.137621	0.359001
Mg	-0.123118	2.868652	0.816560
Mg	2.052649	-5.748299	0.830864
Mg	2.209624	5.427005	0.897061
Mg	-4.697918	0.849222	1.556187
Mg	1.141439	-2.591793	1.925384
Mg	-1.297833	-5.139856	1.956862
Mg	-1.144038	5.971840	2.061066
Mg	-1.382090	-0.139928	2.183063
Mg	-3.866604	-2.622055	2.228108
Mg	1.995509	0.749393	2.680277
Mg	4.305029	-3.649331	2.848134
Mg	4.358812	3.273414	2.868964
Mg	-2.443743	2.944158	3.485719
Mg	5.177644	-0.235697	3.619478
Mg	1.005436	3.870529	3.992488
Mg	1.408894	-5.135749	4.308714
Mg	-1.151841	-2.669224	4.609089
Mg	-3.680341	-0.149450	4.825449
Mg	2.287753	-1.749144	5.153815
Mg	-0.271517	0.774690	5.387178
Mg	3.150043	1.675918	5.847667

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Al1Mg44

Al	2.929209	2.087868	-0.522690
Mg	-6.007147	0.055534	0.441243
Mg	-5.878334	-1.905176	-2.477913
Mg	-5.503659	3.501522	-0.264045
Mg	-5.162773	2.349131	3.047581
Mg	-4.704449	-3.153804	0.808157
Mg	-4.439998	-0.976106	3.658381
Mg	-4.242994	1.159967	-2.738762
Mg	-3.826492	-4.685846	-2.442608
Mg	-2.934709	-1.655111	-4.796698
Mg	-2.818532	-4.163844	3.772080
Mg	-2.816902	1.331387	0.480113
Mg	-2.743794	4.577556	1.922070
Mg	-2.506689	-1.615614	-1.444685
Mg	-2.353937	3.952022	-1.711668
Mg	-1.857499	-5.123957	0.474351
Mg	-1.709075	1.531992	3.717708
Mg	-1.599441	-1.545535	1.863138

Mg	-1.122825	1.568023	-4.431810
Mg	-0.584108	-1.620995	5.138309
Mg	-0.400481	6.383716	0.039369
Mg	-0.397151	-4.987282	-2.924540
Mg	0.105519	0.742045	-1.383496
Mg	0.267595	3.072583	0.961843
Mg	0.334389	4.525298	4.025236
Mg	0.523323	-2.825459	-0.427101
Mg	0.600927	-1.686271	-3.850270
Mg	0.663064	-4.068744	2.868223
Mg	0.993880	3.991333	-2.250742
Mg	1.441520	1.250275	5.115609
Mg	1.529051	-0.005497	1.593373
Mg	1.536107	-6.111810	0.035645
Mg	2.567567	1.436083	-3.718910
Mg	2.887512	5.204940	0.324222
Mg	3.036148	-0.909895	-1.367314
Mg	3.038068	-1.732998	4.163164
Mg	3.090145	-4.192462	-2.503863
Mg	3.254371	2.757103	2.613931
Mg	3.660730	-3.326376	1.070331
Mg	4.340408	4.157455	-2.585900
Mg	4.395310	-1.504968	-4.460787
Mg	4.924975	0.136766	1.197999
Mg	5.616296	1.070619	-2.091871
Mg	5.756236	3.355584	0.410393
Mg	6.118639	-2.401053	-1.346794

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Al₂Mg₄₃

Al	-3.089980	-0.396805	-3.675320
Al	1.651476	-1.109602	3.886620
Mg	-1.872386	0.068165	-6.639377
Mg	2.041159	-0.544688	-6.027477
Mg	-5.205148	0.427995	-5.961825
Mg	-3.784018	-2.661934	-5.872663
Mg	-2.989782	2.684815	-4.716013
Mg	-0.663222	-2.361150	-4.588303
Mg	5.102591	-1.489735	-4.495100
Mg	-0.160277	1.020464	-3.887007
Mg	-6.016590	-1.755253	-3.467802
Mg	3.514433	1.445790	-3.229229
Mg	-5.552085	1.535252	-2.749213
Mg	2.173588	-1.654714	-2.626459
Mg	-3.207331	-3.468371	-2.601052
Mg	2.784789	4.611127	-2.014134
Mg	-0.697218	4.816720	-1.552203
Mg	0.150474	-4.414985	-1.525159
Mg	-2.449133	1.846603	-1.487290
Mg	-0.991564	-1.177476	-1.442835
Mg	5.393379	-0.769265	-1.060021
Mg	0.961835	1.802889	-0.741612
Mg	-4.299751	-0.864933	-0.666754
Mg	3.607849	-3.960668	-0.457669
Mg	4.238042	2.354844	0.374391
Mg	2.530968	-0.852782	0.802645
Mg	-4.871893	2.240985	0.969157
Mg	-2.496618	-3.373834	0.982934
Mg	1.590176	4.939413	1.258233
Mg	-1.443368	3.078193	1.609994
Mg	-0.688144	-0.445685	1.783201
Mg	0.871045	-3.551369	1.892297
Mg	1.597522	1.790629	2.651483
Mg	4.092506	-3.019324	2.916076
Mg	-3.869346	-0.491084	3.008312
Mg	4.543833	0.313599	3.332308
Mg	3.998380	3.908512	3.774639
Mg	-3.576936	2.837672	4.309875
Mg	-1.217473	-2.552167	4.393185
Mg	0.199970	4.203807	4.627339
Mg	-0.792999	0.801738	4.896776
Mg	1.740059	-4.085866	5.135252
Mg	2.439175	1.351902	5.872626
Mg	3.987563	-1.676823	6.040917
Mg	0.724450	-1.402600	6.966257

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 Al3Mg42

Al	-2.116939	-3.342364	2.857346
Al	-1.448718	4.680399	0.213457
Al	3.284369	-1.211275	-3.194731
Mg	-5.237562	-2.709902	3.440410
Mg	-4.618941	3.974805	0.275751
Mg	-4.257368	-4.545678	0.747662
Mg	-3.925269	-5.812855	3.897657
Mg	-3.609653	-1.191827	0.857184
Mg	-3.487226	7.119582	-0.357277
Mg	-3.118968	5.782583	2.754318
Mg	-3.010282	-3.267317	5.973641
Mg	-2.987139	4.629683	-2.642444
Mg	-2.800101	-0.455061	4.120935
Mg	-2.590183	-1.399738	-2.717363
Mg	-2.405346	2.486250	2.371420
Mg	-2.355316	1.746728	-0.927223
Mg	-1.670090	1.611746	-4.412215
Mg	-1.430007	-6.257993	1.632150
Mg	-1.228649	-3.432603	-0.246398
Mg	-0.677849	-5.448314	4.864195
Mg	-0.574374	7.572308	1.366825
Mg	-0.499029	6.892109	-1.956853
Mg	-0.386200	-0.889864	1.730200
Mg	0.046359	-2.087793	4.940269
Mg	0.102498	4.708663	3.060454
Mg	0.221837	3.620575	-2.307642
Mg	0.443780	1.404182	4.252437
Mg	0.524491	0.015812	-2.039482
Mg	0.558132	2.236629	0.736305
Mg	0.699594	-3.196858	-3.228485
Mg	0.970995	-0.591746	-5.376382
Mg	1.010198	-3.979017	2.343402
Mg	1.290106	-5.779691	-0.704204
Mg	1.742866	5.370761	0.157782
Mg	2.276181	-2.293490	-0.357962
Mg	2.741931	1.888024	-3.873237
Mg	2.951132	-0.567345	2.619500
Mg	3.059099	-3.275124	-5.676821
Mg	3.324455	3.029937	2.555794
Mg	3.514045	0.900810	-0.683441
Mg	3.886283	-4.323271	-2.557497
Mg	4.295235	-0.141863	-6.080792
Mg	5.563506	-1.811999	-0.965349
Mg	5.852378	0.766220	-3.165247
Mg	6.075737	-2.424822	-4.298051

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 Al4Mg41

Al	-2.629074	3.920784	-2.535382
Al	-1.886262	-1.556259	4.055013
Al	3.204360	-2.326025	-1.989565
Al	3.402069	-0.870318	0.341638
Mg	-5.761208	3.588866	-3.237050
Mg	-4.724235	4.923462	-0.284538
Mg	-4.720292	-1.801787	5.543276
Mg	-4.477487	-1.974243	2.134899
Mg	-4.259704	1.600955	-0.905886
Mg	-4.230811	6.639647	-3.190131
Mg	-3.890216	0.995778	3.771987
Mg	-3.483413	1.261800	-4.230705
Mg	-3.455146	4.377459	-5.618323
Mg	-3.217524	-4.488163	4.074631
Mg	-2.900961	-1.741972	-1.649415
Mg	-2.255285	0.275275	6.673521
Mg	-1.902638	-0.000378	1.260834
Mg	-1.849302	-3.105432	6.871007
Mg	-1.793467	3.452029	0.589380
Mg	-1.762492	6.529216	-0.839370
Mg	-1.456824	-3.399478	1.375238
Mg	-1.035093	1.257196	-1.948963
Mg	-0.979534	6.189723	-4.127613
Mg	-0.497497	2.894513	-4.807743
Mg	-0.480000	1.407670	3.983965

Mg	0.172376	-4.079941	4.289082
Mg	0.493514	-1.431171	-0.723096
Mg	0.558697	4.208959	-1.802085
Mg	0.625137	-4.375175	-2.269416
Mg	0.761297	-1.125500	5.911844
Mg	0.777407	-1.425373	-4.061973
Mg	1.001843	-1.310959	2.560755
Mg	1.241999	1.581392	0.769945
Mg	2.250082	-3.889222	0.699883
Mg	2.546838	0.836090	-2.252892
Mg	2.918541	-4.008621	-4.748587
Mg	3.534831	0.855338	3.151215
Mg	3.818451	-5.509735	-1.825028
Mg	4.100297	-0.832134	-4.732316
Mg	4.160118	-2.483054	3.087183
Mg	4.524108	2.182398	0.150249
Mg	5.528492	-3.236371	0.035241
Mg	5.726299	-0.341559	-1.781847
Mg	5.963562	-3.340906	-3.343061
Mg	6.338149	-0.324771	1.574201

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Al5Mg40			
Al	-1.654531	-3.171828	-2.136085
Al	0.049383	1.856861	-2.110287
Al	-4.169505	-2.735070	-1.133408
Al	4.133437	1.375941	2.678201
Al	1.636177	2.483796	2.917668
Mg	-1.346369	-3.854888	-5.286192
Mg	0.791390	2.416026	-5.131157
Mg	-3.684166	-1.721216	-4.175738
Mg	-0.391215	-0.713620	-4.136791
Mg	-2.460840	2.044165	-4.104565
Mg	-3.915943	-5.045339	-3.362508
Mg	1.388992	-3.523469	-3.326431
Mg	-6.649857	-3.032375	-3.197712
Mg	2.734947	0.385563	-3.190239
Mg	-0.599760	4.798234	-3.067292
Mg	-0.744451	-6.176585	-2.850829
Mg	2.614856	3.752368	-2.482781
Mg	-5.677080	0.051122	-2.067793
Mg	-2.383566	-0.148125	-1.529534
Mg	0.725805	-1.209806	-0.979033
Mg	-2.640239	3.177357	-0.858950
Mg	-6.063480	-5.322882	-0.736012
Mg	-2.716389	-5.440413	-0.169443
Mg	0.573479	-4.521099	-0.168690
Mg	5.729455	1.912614	-0.163134
Mg	2.419190	1.480134	0.015581
Mg	-7.129221	-2.170433	0.061952
Mg	0.483391	4.183563	0.193168
Mg	4.405037	-1.166609	0.578863
Mg	-1.750745	-2.364089	0.989278
Mg	-0.727365	1.141445	1.056139
Mg	-4.443997	-0.322996	1.114345
Mg	3.751791	4.274585	1.274225
Mg	-4.719262	-3.656982	1.929166
Mg	7.073180	0.050507	2.348210
Mg	1.669156	-0.720400	2.515643
Mg	6.659486	3.403607	2.776763
Mg	-1.382474	3.779151	3.035048
Mg	1.394924	5.701546	3.187377
Mg	4.581117	-1.556003	3.995343
Mg	-0.673484	0.756273	4.446250
Mg	3.884724	3.886537	4.679618
Mg	5.955597	1.268068	5.344697
Mg	2.592979	0.798351	5.444623
Mg	0.675446	3.596414	5.782444

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Al6Mg39			
Al	-4.449232	-1.820604	-0.767376
Al	-2.797699	-2.662207	1.251026
Al	-1.784743	-1.517042	-0.983947
Al	1.462849	3.902073	0.251478
Al	2.308750	1.311505	0.933695

Al	4.429751	0.071565	-0.424169
Mg	-7.636648	-2.264416	-0.423446
Mg	-6.284724	-0.774445	-3.226992
Mg	-6.263366	0.841914	-0.245951
Mg	-5.823080	-4.088059	-2.647889
Mg	-5.624902	-1.470391	2.213507
Mg	-5.359468	-4.524735	0.731372
Mg	-4.109284	-4.023234	3.874841
Mg	-3.474588	0.902671	-2.261453
Mg	-3.211881	-2.138604	-3.760495
Mg	-3.199529	0.554487	1.058910
Mg	-2.746391	-4.520294	-1.405095
Mg	-2.744541	-0.905720	4.028529
Mg	-2.322598	-5.853647	1.641568
Mg	-1.751478	4.519354	0.284932
Mg	-0.697227	-3.581154	3.590525
Mg	-0.500278	1.530698	-0.645780
Mg	-0.492452	-0.006995	-3.643458
Mg	-0.265874	2.494253	2.568767
Mg	-0.210748	-0.788431	1.745655
Mg	-0.060292	-3.333716	-3.079848
Mg	-0.028007	4.197827	-2.654579
Mg	0.091735	-3.821815	0.294885
Mg	0.402684	5.823466	2.615734
Mg	0.570603	6.871469	-0.627957
Mg	1.505640	-1.065985	-1.093018
Mg	1.946043	0.473083	4.096117
Mg	2.467688	1.979342	-2.146489
Mg	2.925705	3.583241	3.102960
Mg	3.031207	-1.754796	1.822541
Mg	3.200120	5.265215	-2.125971
Mg	3.446349	6.297894	1.123902
Mg	3.824247	-0.783980	-3.529963
Mg	4.179140	-3.124212	-1.062539
Mg	4.649234	3.257538	0.193006
Mg	4.993272	0.918195	2.632281
Mg	5.782915	1.928792	-2.716444
Mg	6.377487	-1.876684	1.255446
Mg	6.867917	-1.252667	-2.065172
Mg	7.375695	1.229255	0.226355

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Al7Mg38

Al	4.108577	0.076616	-1.477310
Al	-3.399692	-1.887803	-0.755446
Al	-3.503994	0.827018	-0.572131
Al	1.700336	-0.238217	-0.309213
Al	2.971857	2.136320	-0.023705
Al	3.892919	-0.124716	1.267673
Al	-4.310718	-0.705993	1.531660
Mg	4.205165	0.353448	-4.692964
Mg	-4.093658	-0.354807	-3.508770
Mg	-2.129367	-3.186040	-3.477758
Mg	1.957848	-1.748470	-3.130123
Mg	5.329522	-2.438734	-3.095317
Mg	-2.315448	2.580312	-3.087108
Mg	1.638806	1.616312	-2.923711
Mg	7.025920	0.519092	-2.766372
Mg	-5.460104	-3.401477	-2.699331
Mg	4.679829	3.041343	-2.596001
Mg	-5.660368	2.449697	-2.308023
Mg	-0.982442	-0.335258	-2.204163
Mg	1.801896	4.699513	-1.631233
Mg	-6.338751	-0.606318	-0.997670
Mg	-3.096358	-5.087834	-0.867171
Mg	-0.094687	-3.174511	-0.635017
Mg	3.413953	-2.911493	-0.357887
Mg	-0.323713	2.355664	-0.253458
Mg	-3.421018	4.040037	-0.252454
Mg	6.497280	-1.490493	-0.019119
Mg	6.179897	1.880560	0.202365
Mg	4.622626	4.881948	0.303238
Mg	-5.734724	-3.482782	0.715249
Mg	-1.171176	-0.566385	1.073734
Mg	-5.928445	2.052501	1.087056

Mg	1.546409	4.452825	1.747164
Mg	-2.553796	-3.417934	1.971044
Mg	-7.472792	-0.855633	2.145713
Mg	1.542000	-2.140862	2.302907
Mg	-2.738274	2.043777	2.335634
Mg	1.223700	1.216023	2.538752
Mg	4.886458	-2.859822	2.675711
Mg	4.262467	2.639733	2.880276
Mg	6.578995	0.094030	3.035407
Mg	-5.201612	-2.623547	3.970524
Mg	-2.320151	-0.810351	4.185891
Mg	-5.319371	0.809119	4.198227
Mg	3.504196	-0.316408	4.473229

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Al8Mg37

Al	1.163506	-0.665693	-4.587390
Al	0.442593	1.682393	-3.346687
Al	-1.150499	-0.542490	-3.100673
Al	1.304171	-0.461242	-1.817635
Al	-0.700830	1.080788	-0.892621
Al	1.106678	-0.012554	0.986415
Al	0.698707	0.432385	3.805773
Al	-1.459578	-0.812192	5.041967
Mg	0.880997	-0.814715	-7.785540
Mg	3.931960	-0.727222	-6.225257
Mg	1.874863	2.055484	-6.176669
Mg	-1.320023	0.962759	-5.926687
Mg	1.962627	-3.480875	-5.924446
Mg	-1.323306	-2.412258	-5.685819
Mg	-0.675884	4.167123	-5.043504
Mg	-4.026730	-0.516773	-4.525732
Mg	2.368432	4.267101	-3.591049
Mg	3.624463	1.092873	-3.423908
Mg	-2.721704	2.272852	-3.109186
Mg	3.605465	-2.248242	-3.102840
Mg	0.438086	-3.357784	-2.940056
Mg	-2.972720	-3.196943	-2.770209
Mg	-0.478498	4.229003	-1.556698
Mg	-3.659873	-0.220784	-1.059807
Mg	2.211836	2.454643	-0.767651
Mg	-1.031541	-2.074741	-0.275492
Mg	4.110818	-0.239312	-0.261777
Mg	2.175552	-2.950197	0.016152
Mg	-3.073029	2.890527	0.270989
Mg	0.037416	2.906093	1.693807
Mg	-1.895210	0.184495	1.972997
Mg	3.247537	1.908516	2.353315
Mg	0.139547	-2.510296	2.787590
Mg	3.273695	-1.396628	2.905982
Mg	-3.221793	-2.712150	3.041815
Mg	-4.420852	0.281295	4.199141
Mg	-1.763167	2.364840	4.533933
Mg	1.429877	3.455129	4.758560
Mg	-1.206566	-4.019695	5.492543
Mg	3.421709	0.792230	5.544476
Mg	1.469966	-1.941488	5.818356
Mg	-3.998365	-2.299890	6.370881
Mg	0.315778	1.078851	6.926050
Mg	-3.063567	0.857599	7.290095
Mg	-1.072541	-1.802812	8.086497

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Al9Mg36

Al	-2.629411	2.629772	-0.804192
Al	-2.412655	-0.117203	-0.511882
Al	-0.919691	1.566299	1.065931
Al	-0.342982	1.328316	-1.597929
Al	-0.151037	3.792446	-0.371527
Al	0.248690	-0.856286	0.130322
Al	0.825259	-2.959369	1.850925
Al	1.403168	-3.197861	-0.818383
Al	2.885791	-1.530269	0.761479
Mg	-5.339108	0.928971	-1.238899
Mg	-5.273346	4.084394	0.238923
Mg	-4.763532	-1.810744	0.871032

Mg	-4.556951	3.788711	-3.070410
Mg	-4.049007	-2.105618	-2.429110
Mg	-4.021003	1.358708	1.850115
Mg	-2.854420	0.877293	-3.538398
Mg	-2.549163	5.809624	-1.070882
Mg	-2.344555	4.276164	1.967402
Mg	-1.860197	-1.174473	2.496059
Mg	-1.778235	-3.278527	-0.092085
Mg	-1.735508	-4.562517	3.010276
Mg	-1.564541	1.763144	4.196703
Mg	-1.171905	3.792232	-3.449506
Mg	-0.713333	-1.647727	-2.801131
Mg	-0.512941	-5.067051	-2.636719
Mg	-0.018235	6.585830	1.172493
Mg	0.117811	-2.470818	4.972174
Mg	0.340255	-5.867841	0.597928
Mg	0.361788	0.968265	-4.701140
Mg	0.706111	6.286902	-2.173651
Mg	0.910040	3.598864	2.705742
Mg	1.178157	0.067716	3.039110
Mg	1.496218	-5.397341	3.815845
Mg	2.057739	-3.271427	-3.988149
Mg	2.071742	3.119483	-2.660464
Mg	2.207922	1.641401	0.331335
Mg	2.323455	-0.404909	-2.250940
Mg	2.731637	-5.907204	-1.890511
Mg	2.814219	4.944030	0.167510
Mg	3.337929	-2.479590	3.783547
Mg	3.474675	-4.663581	1.168921
Mg	4.472506	0.570453	2.665902
Mg	4.503440	-2.960558	-1.599868
Mg	5.190265	0.274278	-0.649359
Mg	5.902941	-2.322384	1.485462

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Al10Mg35

Al	-4.117987	-0.695247	-1.398603
Al	-3.189332	-1.494877	1.085536
Al	-2.524525	0.988568	0.095085
Al	-1.450692	-1.274553	-1.046457
Al	-0.612961	-0.493305	1.475117
Al	0.161329	0.973514	-0.724327
Al	1.248315	-1.513665	-0.320443
Al	1.993594	0.599352	1.337363
Al	2.880662	0.571557	-1.217359
Al	4.488915	1.619472	0.778529
Mg	-7.198893	0.059980	-1.677179
Mg	-6.098880	-2.532746	0.346016
Mg	-5.840630	-2.772256	-3.101533
Mg	-5.509535	0.727369	1.179057
Mg	-5.138850	-1.644240	3.599513
Mg	-5.007705	0.309913	-4.307914
Mg	-4.708266	2.491701	-1.641575
Mg	-3.835055	-4.426690	2.178140
Mg	-3.691768	3.623124	1.437457
Mg	-3.307552	-3.848334	-1.153577
Mg	-2.853477	0.853564	3.315958
Mg	-2.507201	-2.067763	-3.912854
Mg	-1.982341	1.156911	-3.090499
Mg	-1.673815	-2.238429	3.894172
Mg	-1.365091	3.762441	-1.122552
Mg	-0.764508	-3.665652	0.989719
Mg	-0.448256	2.681365	1.939757
Mg	0.064080	-3.806032	-2.278297
Mg	0.593707	0.515951	4.258900
Mg	0.727835	-0.731117	-3.388794
Mg	1.246109	2.583020	-3.241857
Mg	1.682806	-2.293361	2.800919
Mg	1.973777	3.498213	-0.133436
Mg	2.430743	-4.437265	0.151166
Mg	2.747130	3.108610	3.122687
Mg	3.467275	-2.394677	-2.433745
Mg	3.811324	0.505815	-4.250797
Mg	4.083442	0.053890	3.647432
Mg	4.235489	-1.627409	0.741489

Mg	4.615260	3.080218	-2.126965
Mg	4.847606	4.822844	0.896919
Mg	5.978588	-0.013813	-1.611985
Mg	6.164515	2.770420	3.250848
Mg	7.030324	-0.126427	1.728272
Mg	7.354496	2.740047	-0.069303

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Al11Mg34			
Al	-3.385627	0.543756	0.888107
Al	-3.079868	-1.024454	-1.418265
Al	-1.886408	-1.775005	0.956890
Al	-1.015174	0.477353	-0.459098
Al	-0.951237	0.489371	2.277312
Al	-0.461067	-2.024864	-1.420389
Al	0.816320	-1.166140	0.901139
Al	1.211210	1.569504	0.781497
Al	1.513598	0.018289	-1.499904
Al	3.236732	2.118142	-1.011197
Al	3.366497	-0.151487	0.549236
Mg	-6.106153	0.566098	2.483114
Mg	-5.921983	0.387452	-1.048512
Mg	-5.447169	-2.813289	-2.486848
Mg	-5.011418	-2.261386	0.873283
Mg	-4.983205	3.276456	0.750269
Mg	-4.331366	-0.067104	-4.167112
Mg	-3.376398	-1.094602	3.686369
Mg	-3.195792	2.311238	3.583327
Mg	-3.185007	2.211596	-1.925899
Mg	-2.842652	-4.322252	2.562129
Mg	-2.769075	-4.209382	-0.894514
Mg	-2.196330	-2.814804	-3.955659
Mg	-1.545712	3.322540	0.832854
Mg	-0.955134	0.293069	-3.622647
Mg	-0.846152	0.552524	5.413739
Mg	-0.218906	-2.372316	3.656575
Mg	0.152421	-4.276766	0.855697
Mg	0.211085	-4.870490	-2.561898
Mg	0.214904	2.953772	-1.979895
Mg	0.494507	3.129434	3.464418
Mg	1.484478	-1.949085	-4.004665
Mg	1.751736	4.650929	0.487954
Mg	2.023969	0.134225	3.543544
Mg	2.364056	1.509936	-4.131498
Mg	2.627048	-2.959259	-1.006187
Mg	2.920515	4.728445	-2.828107
Mg	3.030952	-2.870137	2.353253
Mg	3.848194	2.604357	2.178475
Mg	4.464287	-0.555890	-2.469463
Mg	5.177361	4.522085	-0.273668
Mg	5.360114	-0.340711	3.014670
Mg	5.556374	2.578753	-3.131636
Mg	5.731405	-2.245093	0.213636
Mg	6.154067	1.215192	-0.010424

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Al12Mg33			
Al	-2.813446	0.401781	2.260431
Al	-2.294671	-2.281545	1.629149
Al	-1.670565	-0.322871	-0.111204
Al	-0.680729	1.904725	1.181648
Al	-0.517933	1.661764	-1.622670
Al	-0.274572	-0.626836	2.343172
Al	-0.044086	-1.022070	-2.219109
Al	0.109171	-2.433372	0.200954
Al	1.091482	0.117357	0.092817
Al	1.607657	2.752793	-0.272533
Al	2.031099	0.827038	-2.340495
Al	2.425310	-1.796983	-1.295618
Mg	-5.729285	1.571680	2.056394
Mg	-5.041545	-1.702954	3.191852
Mg	-4.745636	-0.972109	-0.053158
Mg	-4.071789	1.216488	5.014995
Mg	-3.484791	2.230453	-0.416059
Mg	-3.247965	-4.667575	3.330627
Mg	-3.004170	0.055587	-2.964931

Mg	-2.879310	3.650461	2.583295
Mg	-2.563186	-3.013461	-1.552178
Mg	-2.347878	3.395793	-3.497340
Mg	-2.060838	-1.575558	4.760543
Mg	-1.330259	-2.333643	-4.767615
Mg	-1.255450	-5.240282	0.533260
Mg	-1.063518	4.594027	-0.525817
Mg	-0.759971	1.744110	4.395647
Mg	-0.179214	0.961607	-4.720000
Mg	0.165685	-3.692633	3.163568
Mg	0.504953	-4.138335	-2.489078
Mg	0.698778	4.478772	2.345037
Mg	1.080236	3.805686	-3.283063
Mg	1.310670	-0.973132	5.036641
Mg	2.048407	-1.621923	-4.498236
Mg	2.140599	5.808738	-0.711975
Mg	2.152784	1.473210	2.734548
Mg	2.340863	-4.651005	0.288963
Mg	2.723804	-1.792330	2.005834
Mg	3.182339	1.655996	-5.116579
Mg	3.908725	-4.028578	-2.920657
Mg	4.081003	3.885372	1.317683
Mg	4.161802	0.655963	0.120426
Mg	4.198112	3.149364	-2.126323
Mg	4.855440	-0.511406	-2.949745
Mg	5.241885	-2.600165	-0.133098

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Al13Mg32

Al	-2.251288	1.026878	-1.063055
Al	-2.104143	0.264121	1.660015
Al	-2.047051	-1.710738	-0.368596
Al	-0.644758	2.508625	0.737512
Al	-0.552358	-0.686767	-2.544820
Al	-0.314290	-1.920952	1.861189
Al	0.000008	-0.000006	-0.000021
Al	0.314293	1.920927	-1.861204
Al	0.552368	0.686755	2.544812
Al	0.644750	-2.508624	-0.737554
Al	2.047025	1.710739	0.368596
Al	2.104149	-0.264117	-1.660007
Al	2.251278	-1.026900	1.063030
Mg	-4.875508	-0.319598	0.173932
Mg	-4.839469	2.207420	-2.285162
Mg	-4.523116	0.567756	3.568478
Mg	-4.400451	-3.677443	-0.792266
Mg	-3.807639	2.893456	1.016243
Mg	-3.693825	-1.043744	-3.028090
Mg	-3.400466	-2.564399	2.400751
Mg	-1.966029	4.155089	-1.665219
Mg	-1.895658	1.721786	-4.164722
Mg	-1.672667	2.634446	3.763603
Mg	-1.488495	-3.736029	-2.780216
Mg	-1.420999	-0.738690	4.619308
Mg	-1.385923	5.392680	1.585371
Mg	-1.307200	-4.675859	0.574993
Mg	-1.187339	-1.476275	-5.470465
Mg	-0.675612	-4.129307	4.000942
Mg	0.675624	4.129320	-4.000923
Mg	1.187361	1.476269	5.470454
Mg	1.307164	4.675862	-0.575033
Mg	1.385971	-5.392647	-1.585465
Mg	1.421072	0.738708	-4.619296
Mg	1.488439	3.736020	2.780228
Mg	1.672687	-2.634413	-3.763650
Mg	1.895671	-1.721831	4.164688
Mg	1.965986	-4.155134	1.665157
Mg	3.400499	2.564419	-2.400695
Mg	3.693809	1.043693	3.028098
Mg	3.807653	-2.893441	-1.016264
Mg	4.400310	3.677555	0.792437
Mg	4.523228	-0.567746	-3.568371
Mg	4.839437	-2.207527	2.285110
Mg	4.875500	0.319663	-0.173855

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Al14Mg31

Al	-3.657074	0.533187	-2.012079
Al	-2.519182	-0.885917	-0.038571
Al	-1.843315	1.855371	-0.540596
Al	-1.566163	0.762000	2.052634
Al	-1.101181	-0.173011	-2.426960
Al	-0.652708	-1.912076	1.799145
Al	-0.378402	-2.484022	-0.966123
Al	0.030869	-0.004533	0.016983
Al	0.429785	2.478733	0.995029
Al	0.703131	1.902926	-1.769595
Al	1.169696	0.159627	2.446299
Al	1.618565	-0.770161	-2.026348
Al	1.904441	-1.848245	0.579011
Al	2.573428	0.865377	0.082008
Mg	-5.556586	-1.545596	-0.524177
Mg	-4.585207	1.319172	1.030414
Mg	-4.285905	3.607630	-1.467774
Mg	-3.692439	-1.523473	2.818410
Mg	-3.426857	1.642763	4.357473
Mg	-3.137144	-2.638452	-2.650086
Mg	-2.891058	-0.205507	-5.013874
Mg	-2.795860	-3.973735	0.539651
Mg	-2.363254	3.867871	1.831092
Mg	-1.818491	2.710120	-3.629674
Mg	-1.472919	-4.095100	3.823610
Mg	-0.882476	-5.310629	-2.109119
Mg	-0.852535	-0.749440	4.764675
Mg	-0.650281	4.729095	-1.054177
Mg	-0.027043	2.599074	4.151445
Mg	-0.007038	-2.571658	-4.157514
Mg	0.609802	-4.745536	1.048297
Mg	0.809358	0.739843	-4.764038
Mg	0.851341	5.332583	2.097061
Mg	1.434251	4.086818	-3.830247
Mg	1.805892	-2.736227	3.652758
Mg	2.341861	-3.874706	-1.868967
Mg	2.474538	0.349769	5.240979
Mg	2.766702	4.003630	-0.554078
Mg	3.139547	2.673487	2.662018
Mg	3.403787	-1.643278	-4.390093
Mg	3.673255	1.526004	-2.858186
Mg	4.055823	-3.971059	1.222650
Mg	4.267441	-0.621983	2.348030
Mg	4.604258	-1.329268	-1.060453
Mg	5.495348	1.868530	0.153058

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Al15Mg30

Al	-3.152551	0.415643	2.416288
Al	-2.104672	1.447649	0.075959
Al	-1.864748	-1.291385	0.752504
Al	-1.758152	-0.547758	-1.935684
Al	-1.431617	-1.484545	3.420030
Al	-0.472009	0.782884	2.291471
Al	-0.356764	1.898617	-2.115208
Al	0.025372	-2.517079	-0.895429
Al	0.226717	0.092504	-0.213548
Al	0.422985	2.702668	0.479719
Al	0.754555	-1.709350	1.743579
Al	0.963293	-0.557760	-2.707450
Al	2.205824	0.734206	1.519495
Al	2.303230	1.444917	-1.213650
Al	2.524340	-1.282547	-0.434850
Mg	-4.871904	2.662364	0.946932
Mg	-4.661348	-0.437528	-0.412188
Mg	-4.237413	-2.666866	2.216433
Mg	-4.065981	-1.277371	-3.843255
Mg	-4.063126	-0.975919	5.118694
Mg	-3.537110	2.005879	-2.675884
Mg	-3.056781	-3.419129	-1.231956
Mg	-1.998815	3.525285	2.527959
Mg	-1.887051	4.452762	-0.860920
Mg	-1.578749	1.291124	5.151308
Mg	-1.208401	-4.250154	1.601797

Mg	-1.155473	0.504399	-4.871064
Mg	-1.037958	3.982256	-4.279059
Mg	-0.878899	-2.873361	-3.932723
Mg	-0.239331	-5.502835	-1.611262
Mg	0.609972	5.665361	1.307132
Mg	0.800941	-3.601265	4.255575
Mg	1.297249	3.056384	3.561973
Mg	1.452905	-0.285775	4.541031
Mg	1.549738	4.468759	-1.914247
Mg	1.828296	-1.289395	-5.575372
Mg	1.972785	2.025951	-4.315138
Mg	2.177328	-4.303810	0.657050
Mg	2.402798	-3.424597	-2.795646
Mg	3.479805	3.586627	0.823433
Mg	3.822127	-1.850903	2.468797
Mg	4.145978	-0.373525	-3.047660
Mg	4.426065	1.452202	3.532479
Mg	5.067018	0.585201	0.137066
Mg	5.159531	-2.860783	-0.664514

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Al16Mg29			
Al	0.543915	-1.065846	-3.704141
Al	-1.892124	0.296508	-3.357493
Al	-1.512171	2.832064	-2.201204
Al	0.338003	0.922606	-1.930394
Al	-1.024839	-1.614643	-1.562696
Al	1.781279	-1.360047	-1.211295
Al	-2.264391	0.735319	-0.656601
Al	2.281800	1.199491	0.010752
Al	-0.264232	2.517829	0.283926
Al	0.006126	-0.184867	0.487831
Al	0.218093	-2.870273	0.615825
Al	-2.278803	-1.567698	0.948287
Al	2.247723	-1.140513	1.590007
Al	-1.813511	0.981178	2.100857
Al	0.981127	1.260566	2.515845
Al	-0.270375	-1.264951	2.910688
Mg	-1.110227	-0.421877	-6.331033
Mg	-2.794053	2.770082	-5.100254
Mg	0.504850	2.107785	-4.775766
Mg	-2.090559	-2.873963	-4.200503
Mg	3.363528	-2.546035	-3.652692
Mg	3.236313	0.802731	-3.110964
Mg	0.644358	-4.132345	-2.380503
Mg	-4.597551	1.878769	-2.367887
Mg	1.680854	3.751607	-1.973919
Mg	-4.180690	-1.519676	-1.778051
Mg	-2.413968	-4.301166	-0.648220
Mg	4.833540	2.791008	-0.625710
Mg	-0.871834	5.483415	-0.556817
Mg	4.769249	-0.763868	-0.383423
Mg	3.209005	-3.843525	0.083982
Mg	-3.340699	3.422612	0.532499
Mg	0.428495	-5.936003	0.709725
Mg	-4.837336	0.293044	1.123182
Mg	2.235173	4.040091	1.469032
Mg	4.185317	1.231433	2.532190
Mg	-1.783516	-4.081964	2.813046
Mg	4.821374	-2.252644	2.852236
Mg	-0.860267	3.870799	3.058468
Mg	1.646261	-3.774556	3.313101
Mg	-3.925068	2.317250	3.891960
Mg	-3.303991	-1.199566	3.924430
Mg	2.227463	-0.660342	4.759769
Mg	2.088432	2.927720	4.849995
Mg	-0.842073	0.942460	5.131931

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Al17Mg28			
Al	-2.203172	0.285608	2.596117
Al	-2.160898	0.041417	-2.082630
Al	-1.685583	-1.255627	0.370487
Al	-1.624684	1.564208	0.227382
Al	-0.622182	-2.030371	2.796245
Al	-0.543686	-2.294841	-1.966759

Al	-0.524226	2.539681	2.562462
Al	-0.445479	2.305985	-2.200020
Al	-0.025983	0.324989	4.266029
Al	0.227057	-0.087307	-3.599036
Al	0.293499	0.047669	-0.948959
Al	0.428472	0.182247	1.697222
Al	0.985421	-2.213839	0.439237
Al	1.082775	2.411567	0.204311
Al	2.177578	-1.483354	-2.052752
Al	2.235492	1.383479	-2.199115
Al	2.746544	0.063358	0.222127
Mg	-4.966948	0.059024	-3.329617
Mg	-4.493315	0.228226	0.262441
Mg	-3.763354	-2.542622	2.317462
Mg	-3.716987	-2.710147	-1.531769
Mg	-3.633197	3.145389	2.026537
Mg	-3.554307	2.940981	-1.852556
Mg	-2.573847	-1.311852	5.292283
Mg	-2.501743	2.162646	5.114157
Mg	-2.204271	-1.826374	-4.664048
Mg	-2.120719	1.685174	-4.826936
Mg	-1.506028	-4.980402	-3.102059
Mg	-1.366010	-4.367345	0.465971
Mg	-1.172094	4.655949	-0.017441
Mg	0.627620	-2.435764	5.662724
Mg	0.743801	3.184188	5.376853
Mg	1.099129	-2.987693	-4.623351
Mg	1.199182	2.676642	-4.903415
Mg	1.324428	-4.528186	2.544384
Mg	1.515573	4.919380	2.056884
Mg	1.628943	-4.601222	-1.516303
Mg	1.757126	4.571300	-2.009783
Mg	2.656920	-1.466164	3.126967
Mg	2.724955	1.882331	2.955339
Mg	3.153496	-0.198382	-4.819183
Mg	4.079562	-2.828093	0.147957
Mg	4.183849	2.891100	-0.162692
Mg	5.053800	-0.095335	-1.944318
Mg	5.483488	0.092382	1.621165

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Al18Mg27

Al	-3.014887	0.043744	1.669257
Al	-2.116605	0.573370	-1.035667
Al	-1.900423	-2.541380	2.524105
Al	-0.859993	1.764012	1.223793
Al	-0.764266	-1.003344	0.749185
Al	-0.725713	-0.090072	3.313742
Al	-0.606907	2.940181	-1.327104
Al	-0.403606	-1.673462	-1.878771
Al	-0.333270	0.827951	-3.245348
Al	-0.263680	-3.567069	0.308205
Al	0.623716	0.629362	-0.778492
Al	0.914306	-2.243075	2.501308
Al	1.533626	0.357004	1.777323
Al	1.638509	2.816102	0.419690
Al	1.810212	-1.743644	-0.096663
Al	1.978186	2.259227	-2.356020
Al	2.087078	-0.590698	-2.656475
Al	3.288295	0.648827	-0.395777
Mg	-5.227430	0.337474	-0.582628
Mg	-5.047607	-2.314777	2.259311
Mg	-3.489712	3.133465	0.278737
Mg	-3.405881	-0.749597	4.778720
Mg	-3.243046	-2.400065	-0.567434
Mg	-3.088596	2.486370	-3.315348
Mg	-2.910036	-0.990048	-3.705973
Mg	-2.814196	-5.246496	1.155370
Mg	-2.645890	2.478829	3.699319
Mg	-2.027690	5.585541	-1.934160
Mg	-1.463369	-4.588842	-2.438990
Mg	-0.589419	4.903461	1.261935
Mg	-0.476957	-2.528161	5.363861
Mg	-0.052762	-5.148841	3.119477
Mg	0.023307	3.788291	-4.344737

Mg	0.280038	-1.861168	-4.938836
Mg	0.878281	2.792826	3.660423
Mg	1.539464	5.305373	-1.545907
Mg	1.865223	-3.857100	-2.387040
Mg	2.048832	1.127275	-5.336180
Mg	2.133004	-0.325929	4.776096
Mg	2.686487	-4.525141	1.049816
Mg	4.096642	2.098421	2.339375
Mg	4.108695	-1.440874	2.048604
Mg	4.469252	3.563346	-0.831091
Mg	4.676321	-2.026928	-1.400311
Mg	4.792466	0.996262	-3.178699

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Al19Mg26

Al	-3.274094	-0.703704	0.535464
Al	-2.685380	0.090847	-2.158343
Al	-2.586238	-2.695741	-1.430774
Al	-1.715682	1.597173	0.028426
Al	-1.499109	-2.847636	1.233727
Al	-0.985439	-0.211637	2.116526
Al	-0.842238	-0.959979	-0.536962
Al	-0.548274	-1.562586	-3.123634
Al	-0.088646	2.459856	2.161797
Al	-0.036712	1.065134	-2.227458
Al	0.184439	-3.377551	-1.028459
Al	0.499554	3.257132	-0.529610
Al	0.897723	0.766607	0.350177
Al	1.144647	-1.861069	1.150658
Al	1.685895	0.318691	2.862780
Al	1.730246	-1.070352	-1.532169
Al	2.636339	1.603303	-1.495895
Al	2.639900	2.504072	1.245808
Al	3.369445	-0.212507	0.600463
Mg	-5.471072	-1.361197	-1.666467
Mg	-4.780720	1.905423	-0.556475
Mg	-4.574476	-3.582177	0.897265
Mg	-3.412002	-2.010240	-4.431520
Mg	-3.331977	-1.683310	3.586144
Mg	-3.326756	1.796971	2.720127
Mg	-2.164459	3.352341	-2.550163
Mg	-2.074922	4.612724	0.771597
Mg	-1.961654	-5.602932	-0.284347
Mg	-1.454495	0.852733	-5.017464
Mg	-1.252298	4.382301	4.234144
Mg	-1.242785	-4.631640	-3.577664
Mg	-0.599649	0.958666	4.989954
Mg	0.155263	-2.393828	4.083201
Mg	0.885358	-4.943190	1.673130
Mg	1.255813	3.554417	-3.628015
Mg	1.257782	5.325395	1.756190
Mg	2.013229	0.133120	-4.423226
Mg	2.043278	-3.373281	-3.636518
Mg	2.160455	3.089674	4.337374
Mg	3.311322	4.668045	-1.000121
Mg	3.445510	-3.414256	-0.327781
Mg	3.596734	-2.243921	3.066318
Mg	4.757192	-0.675186	-2.248445
Mg	4.762564	1.073557	3.149874
Mg	5.476393	2.049737	-0.139636

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Al20Mg25

Al	-1.001919	0.907622	-3.064614
Al	1.608280	-0.294204	-3.048996
Al	1.309435	2.558786	-2.575660
Al	-0.564660	-1.612176	-1.821357
Al	3.166587	0.976730	-0.994150
Al	-1.080474	2.915124	-0.983669
Al	0.520243	0.752630	-0.860001
Al	-2.186242	0.348802	-0.615526
Al	1.980211	-1.563623	-0.534464
Al	-2.548854	-2.305912	0.099509
Al	0.054697	-3.542873	0.139622
Al	1.526201	2.969516	0.269025
Al	-0.323542	-1.016547	0.874113

Al	-3.095090	2.344462	0.897141
Al	-0.591977	1.649088	1.486744
Al	1.950767	0.439422	1.495691
Al	-2.583266	-0.234354	2.103933
Al	1.612051	-2.272605	2.193467
Al	-1.219810	-2.740594	2.620033
Al	-0.023533	-0.246200	3.429731
Mg	0.850761	1.535593	-5.553174
Mg	-0.577493	-1.641032	-4.955498
Mg	3.993202	1.571828	-4.000534
Mg	-1.232001	3.934096	-3.970081
Mg	-3.522504	-1.305846	-2.905153
Mg	1.579092	-3.646773	-2.852614
Mg	4.479677	-1.559228	-2.432676
Mg	-3.927407	2.198676	-2.377257
Mg	-1.899171	-4.420616	-2.226674
Mg	3.917535	4.036627	-1.509395
Mg	0.682630	5.495504	-1.445644
Mg	-3.294405	5.099993	-0.656418
Mg	-5.137688	-0.163918	0.242515
Mg	3.143140	-4.353851	0.309672
Mg	4.608972	-1.175495	1.142844
Mg	-2.415424	-5.293661	1.148931
Mg	4.387545	2.408383	1.591548
Mg	-0.831790	4.723582	1.704669
Mg	-4.425204	-2.763675	2.600272
Mg	0.722112	-5.274926	2.715025
Mg	1.423632	2.728244	3.617115
Mg	-2.228345	2.208792	4.078859
Mg	3.059978	-0.375908	4.313094
Mg	-2.515817	-1.206178	5.118369
Mg	0.649869	-2.793306	5.191632

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Al21Mg24

Al	-2.344368	0.829958	0.242945
Al	-2.320610	0.219352	-2.537994
Al	-2.293929	-1.489581	1.910814
Al	-2.247498	-3.816528	0.331512
Al	-1.513270	2.807314	-1.586196
Al	-1.493189	1.100499	2.917759
Al	-1.374914	-1.593633	-0.716128
Al	-0.070581	2.450591	0.845638
Al	-0.024810	1.482407	-3.715217
Al	0.006224	-1.289434	3.635884
Al	0.013367	0.664150	-1.240428
Al	0.018704	-0.271682	1.220274
Al	0.047403	-1.341296	-3.065992
Al	0.071577	-3.750998	-1.355818
Al	0.126632	-2.966714	1.332563
Al	1.380082	2.896800	-1.571344
Al	1.391080	1.194684	2.944002
Al	1.526847	-1.581603	-0.677996
Al	2.306567	0.958078	0.272510
Al	2.341896	0.325598	-2.514096
Al	2.376677	-1.331508	1.967629
Mg	-4.648214	2.100590	-1.439908
Mg	-4.620186	0.653454	2.383926
Mg	-4.475207	-1.481900	-0.522631
Mg	-2.915208	3.701413	1.333158
Mg	-2.883653	2.658424	-4.467480
Mg	-2.842763	-0.969669	4.973645
Mg	-2.614575	-3.185959	-3.057270
Mg	-1.771724	-4.114664	3.560505
Mg	-1.749464	-0.555337	-5.532361
Mg	-0.152568	5.381882	-0.267980
Mg	-0.141258	3.914170	3.619700
Mg	-0.112071	-6.079150	0.812918
Mg	-0.109709	4.675012	-3.734912
Mg	-0.091304	1.092315	5.757079
Mg	1.793803	-0.422976	-5.537237
Mg	1.833242	-3.906354	3.787688
Mg	2.683452	3.866318	1.365826
Mg	2.742473	-2.973801	-3.176547
Mg	2.774739	2.804044	-4.438874

Mg	2.810688	-0.738928	5.044020
Mg	2.894172	-4.185311	0.352470
Mg	4.528399	2.394829	-1.403041
Mg	4.545776	0.963552	2.465539
Mg	4.597272	-1.088409	-0.518557
45			
Al22Mg23			
Al	-3.209808	0.083866	-1.551442
Al	-2.325699	2.543560	-0.320209
Al	-2.257225	0.095977	1.125589
Al	-1.607451	2.001134	-3.069812
Al	-1.516375	-1.947484	-0.653812
Al	-1.328890	-2.408702	2.096948
Al	-1.069215	-0.886444	-3.257219
Al	-0.630685	0.604386	-1.106352
Al	-0.433675	0.070595	3.321254
Al	-0.209543	-3.479156	-2.377067
Al	-0.136544	1.890939	1.213634
Al	0.359049	3.112512	-1.221342
Al	0.401273	-0.760928	0.903791
Al	0.763550	-3.333683	0.323491
Al	0.819275	2.573288	3.541959
Al	1.125422	1.031110	-3.097821
Al	1.209467	-1.369605	-1.660210
Al	1.459612	-2.085865	2.893994
Al	2.049877	0.993033	-0.468487
Al	2.216842	3.158073	1.112741
Al	2.232940	0.613924	2.309523
Al	2.980020	-1.477729	0.496491
Mg	-5.086286	1.352805	0.734773
Mg	-4.629133	2.777908	-2.485787
Mg	-4.341489	-2.216332	0.621021
Mg	-3.695516	0.159023	-4.670314
Mg	-3.459469	-0.798856	3.869937
Mg	-3.423017	-2.969292	-2.897244
Mg	-2.488268	2.617597	3.110756
Mg	-1.927483	-4.963086	0.015597
Mg	-1.924676	5.079248	-2.133523
Mg	-0.636481	-2.445440	5.227165
Mg	-0.460132	4.957950	1.308389
Mg	-0.442991	0.874651	-5.825630
Mg	0.193760	-5.035570	2.935086
Mg	0.648893	3.917499	-4.274985
Mg	1.546695	-1.903049	-4.704685
Mg	1.929300	0.093188	5.390604
Mg	3.021096	-3.896392	-1.818883
Mg	3.401887	3.319181	-2.009045
Mg	3.425173	-4.335253	1.738013
Mg	3.948126	2.836342	3.768910
Mg	4.068307	-0.364344	-2.458972
Mg	4.524865	-1.300578	3.283275
Mg	4.914621	1.220000	0.719902
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Al23Mg22			
Al	-3.909725	-2.615188	-1.150359
Al	-3.138809	-0.521262	-2.913577
Al	-3.032020	2.044322	-1.547519
Al	-3.017312	-0.341883	-0.181882
Al	-2.133733	-2.807483	1.014986
Al	-2.111191	-0.277992	2.478772
Al	-1.419939	1.753239	0.621167
Al	-1.320204	-2.278540	-1.744172
Al	-0.891869	0.475434	-1.948006
Al	-0.467890	-0.879226	0.392380
Al	-0.186659	3.117089	-1.500110
Al	0.182119	-2.051969	2.684731
Al	0.482732	0.756859	2.390326
Al	0.598729	-3.317891	0.097848
Al	0.791203	3.304917	1.247981
Al	1.123948	1.102760	-0.259078
Al	1.302035	-1.268817	-1.775999
Al	1.552033	1.316005	-2.904529
Al	2.200513	-1.150810	0.886153
Al	2.518241	-0.552989	3.444028

Al	2.669944	3.076294	-0.938833
Al	3.071519	1.498283	1.504675
Al	3.533813	0.307892	-1.078012
Mg	-5.818165	0.149781	-1.444289
Mg	-5.003427	-1.723485	1.805467
Mg	-4.427539	1.912295	1.484694
Mg	-3.044695	-3.466580	-4.087485
Mg	-2.508767	-2.885757	4.179969
Mg	-2.203846	4.725313	0.302180
Mg	-1.926523	-5.248568	-0.944591
Mg	-1.550536	2.835279	3.562015
Mg	-1.449960	2.310058	-4.357557
Mg	-0.480000	-5.158635	2.397077
Mg	-0.251042	-1.054903	-4.579544
Mg	-0.240924	-0.251752	5.246468
Mg	0.897697	-4.162035	-2.971414
Mg	1.125240	5.850561	-0.581996
Mg	1.745463	4.315737	-3.732470
Mg	2.088050	2.628374	4.282961
Mg	2.860530	-3.713658	2.530563
Mg	3.500285	-0.903914	-4.011647
Mg	3.622832	4.616029	1.693836
Mg	3.775218	-3.050821	-1.009719
Mg	5.225316	-0.806003	1.571304
Mg	5.667317	2.393638	-0.156795

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Al₂₄Mg₂₁

Al	-1.816035	1.225802	-3.813268
Al	0.675195	-0.168124	-3.406173
Al	0.192175	-2.681122	-1.974554
Al	-1.732232	-0.619698	-1.927590
Al	2.861063	-1.445713	-1.810854
Al	-0.289016	1.991942	-1.804586
Al	2.478700	1.472635	-1.774983
Al	-3.066986	1.804240	-1.278186
Al	0.727368	-0.323394	-0.776992
Al	-3.609390	-0.672134	0.176555
Al	-1.354094	3.434216	0.366828
Al	-1.183200	-2.026138	0.410206
Al	-1.356790	0.757268	0.427945
Al	1.549131	-2.542500	0.503550
Al	4.180786	-2.285090	0.585838
Al	1.085297	2.106477	0.607786
Al	2.987379	0.075588	0.629032
Al	-3.356579	1.804067	1.688612
Al	0.540098	-0.349088	1.940940
Al	-2.077917	-0.601610	2.675690
Al	-0.028413	-2.806575	2.770835
Al	-0.687150	1.940285	2.793341
Al	2.666906	-1.562443	2.875846
Al	2.269842	1.382552	2.970223
Mg	-1.559419	-1.955402	-4.731748
Mg	1.984908	-2.848602	-4.537337
Mg	1.041556	2.766126	-4.506651
Mg	3.683334	0.239104	-4.389909
Mg	-4.640793	-0.324745	-2.989285
Mg	-2.060886	4.385699	-2.739316
Mg	-3.069630	-3.436086	-1.642817
Mg	2.893020	-4.575013	-1.436553
Mg	1.348277	4.601033	-1.253745
Mg	5.500962	0.168612	-1.208576
Mg	-5.948409	1.492786	-0.085858
Mg	-0.342208	-5.040730	0.318799
Mg	4.080704	3.017060	0.704915
Mg	-3.275163	-3.464007	2.171640
Mg	2.723399	-4.669794	2.445546
Mg	1.091237	4.514989	2.544576
Mg	5.331458	0.081092	2.673238
Mg	-5.238036	-0.481826	2.870055
Mg	-2.533350	4.534197	3.056174
Mg	-2.984663	1.455323	4.877122
Mg	0.317565	-0.371259	5.003688

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Al₂₅Mg₂₀

Al	0.194112	0.938315	-4.345361
Al	0.708384	-1.821878	-3.419672
Al	-1.912304	-0.717780	-3.386028
Al	2.575419	0.313533	-2.803177
Al	-1.751012	2.069603	-2.591788
Al	1.025058	2.723541	-2.194859
Al	0.060874	0.224199	-1.856215
Al	0.943504	-3.984887	-1.536789
Al	-1.022141	-2.244401	-1.217104
Al	1.883955	-1.610214	-0.870281
Al	-2.522578	0.093176	-0.721369
Al	2.090318	1.087563	-0.174225
Al	-0.653138	2.136943	-0.079418
Al	-0.103248	-0.501269	0.634103
Al	1.455960	3.588397	0.716126
Al	0.438305	-3.075152	1.136364
Al	-2.271601	-1.962979	1.291768
Al	2.344067	-0.950115	1.812358
Al	-2.042397	0.847985	1.916881
Al	0.816209	1.414540	2.226290
Al	-1.036858	3.378808	2.283871
Al	-0.193290	-1.186015	3.158800
Al	-2.725496	-0.815438	3.854810
Al	-0.824490	1.253191	4.332864
Al	1.788375	0.160341	4.345533
Mg	2.420805	-0.747512	-5.815817
Mg	2.807457	2.719428	-4.814534
Mg	-0.499110	4.039037	-4.661036
Mg	-1.537004	-3.987952	-3.757743
Mg	3.667531	-2.852143	-3.091716
Mg	-4.635724	0.853516	-2.937410
Mg	-4.113621	-2.495682	-1.470385
Mg	4.038683	3.140536	-1.394562
Mg	-0.872654	5.053889	-1.001898
Mg	4.779790	-0.489753	-0.420291
Mg	-1.799234	-4.995464	0.042936
Mg	-3.637388	2.998806	0.119766
Mg	3.450886	-3.845061	0.645141
Mg	-4.934742	-0.269197	1.455798
Mg	3.905437	1.849941	2.344551
Mg	-1.575857	-3.941401	3.630846
Mg	-3.733120	2.405386	3.995590
Mg	2.062654	-3.151993	4.036088
Mg	1.448446	3.581982	4.317335
Mg	-0.509224	-1.226370	6.263859

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Al₂₆Mg₁₉

Al	-2.665399	1.495521	-2.235671
Al	-2.548803	1.781413	2.512539
Al	-2.514332	-2.472594	0.292307
Al	-2.478021	0.374453	0.148061
Al	-1.759944	-0.863647	2.494524
Al	-1.510859	-1.137330	-2.078557
Al	-1.413250	3.055354	-0.104405
Al	-0.934842	2.257802	-4.010406
Al	-0.429527	-1.941757	4.529526
Al	-0.303534	-3.234579	1.958161
Al	-0.294085	0.888573	4.116526
Al	-0.178215	-1.136534	0.264704
Al	-0.168382	1.269651	1.455705
Al	-0.132022	-3.477261	-0.940583
Al	-0.083728	1.079161	-1.375631
Al	0.107218	-2.648264	-3.593808
Al	0.462302	0.058274	-3.827338
Al	0.550478	3.498555	-2.241573
Al	1.100138	-0.933843	2.633331
Al	1.551425	2.928682	0.201319
Al	1.552149	-1.319967	-1.790223
Al	2.170823	-2.567398	0.628066
Al	2.174152	0.281751	0.317974
Al	2.192905	1.599522	2.750806
Al	2.482314	1.335150	-2.157626
Al	3.707858	-0.765577	2.235399
Mg	-4.828463	-0.623591	1.943159

Mg	-4.651129	-0.999998	-1.697455
Mg	-4.553933	2.732041	0.119427
Mg	-3.086165	-3.561080	3.366106
Mg	-3.083637	-0.075189	5.208059
Mg	-2.736644	-3.979188	-2.621245
Mg	-2.454476	-0.439933	-4.950569
Mg	-2.432434	4.679618	-2.608775
Mg	-0.114652	3.971767	2.928295
Mg	0.202296	5.785983	-0.112629
Mg	1.362140	-5.639431	0.824834
Mg	2.045232	2.625030	-4.989775
Mg	2.418902	-3.533988	3.702036
Mg	2.442696	-0.304863	5.354157
Mg	2.685735	-4.185968	-2.216791
Mg	3.297579	-1.091099	-4.351999
Mg	3.560466	4.299526	-1.849897
Mg	4.637317	-1.138074	-0.947173
Mg	4.652353	2.073329	0.717108

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Al27Mg18

Al	-1.326734	-1.164543	-3.922735
Al	-2.958150	1.024801	-2.882415
Al	1.678771	2.788595	-2.750694
Al	-0.270953	0.915225	-2.485523
Al	-1.222147	3.402635	-2.255915
Al	0.637876	-1.686857	-2.068669
Al	-1.492539	-3.447947	-2.036864
Al	2.275579	0.467717	-1.432519
Al	-2.028191	-0.951574	-1.341660
Al	1.113600	-4.044057	-0.957574
Al	-4.275957	0.064671	-0.389555
Al	0.529190	2.586318	-0.346111
Al	-2.116126	1.694463	-0.316022
Al	3.237079	2.756731	-0.175694
Al	-0.003941	-0.053424	0.043191
Al	-3.336479	-2.723894	0.122246
Al	4.281666	0.012836	0.326849
Al	2.100938	-1.763895	0.365494
Al	-0.635789	-2.653125	0.487377
Al	2.026761	0.932049	1.357408
Al	-2.270230	-0.531581	1.490713
Al	-0.634971	1.726730	2.036395
Al	1.496471	3.466409	2.061210
Al	0.360774	-1.076171	2.528368
Al	3.063664	-0.974830	2.868823
Al	1.322640	1.144933	3.899222
Al	-1.397031	0.202182	4.064249
Mg	-0.992104	2.092866	-5.217598
Mg	1.835508	-0.071149	-4.574354
Mg	0.667205	-3.831901	-4.295705
Mg	-4.389229	-2.026113	-2.979140
Mg	4.871166	1.633724	-2.613193
Mg	3.781129	-2.251574	-2.223400
Mg	-4.505874	3.315584	-1.389141
Mg	1.546955	5.426804	-0.862906
Mg	-1.606218	-5.584041	0.275556
Mg	-1.501029	4.607021	0.906253
Mg	4.826531	-3.026960	1.175245
Mg	-5.148452	-1.337764	2.354375
Mg	-3.796713	2.040893	2.393707
Mg	1.521094	-4.050251	2.416792
Mg	4.394440	2.097766	2.921247
Mg	-2.044875	-3.051821	3.326227
Mg	-0.694615	3.459738	4.596650
Mg	1.079311	-1.557217	5.499792

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Al28Mg17

Al	-3.052190	-2.667598	2.652979
Al	-2.963216	1.864249	1.501948
Al	-2.936803	-2.172243	-1.815028
Al	-2.839165	-0.846580	0.625833
Al	-2.243776	-0.168854	3.443205
Al	-1.999977	-0.202181	-3.222338
Al	-1.891928	-3.461867	0.264987

Al	-1.731242	1.440954	-1.005590
Al	-0.837682	2.251131	3.484268
Al	-0.680348	0.528678	1.424926
Al	-0.591972	-3.615727	-2.071355
Al	-0.534545	-2.062832	2.091080
Al	-0.526378	3.243694	0.888858
Al	-0.513071	-1.099438	-0.891692
Al	0.215117	3.540381	-1.753194
Al	0.304018	1.081351	-2.958033
Al	0.403659	-1.582510	-3.473810
Al	0.637478	-0.177323	3.746514
Al	0.983920	1.307664	-0.427909
Al	1.030727	-3.171756	0.070065
Al	1.606878	1.929039	2.183541
Al	1.683789	-0.794147	1.177258
Al	2.225176	-0.828770	-1.529248
Al	2.265012	3.609004	0.120372
Al	2.506999	0.097937	-4.058559
Al	2.831803	2.074858	-2.158169
Al	3.376106	0.113352	3.004992
Al	3.589307	1.012497	0.323583
Mg	-5.254826	-0.198426	2.521691
Mg	-5.104175	-3.119751	0.274291
Mg	-4.693117	0.575414	-1.458270
Mg	-2.964742	4.312856	-0.706303
Mg	-2.131715	-2.977864	-4.800784
Mg	-2.124605	2.913436	-3.863989
Mg	-1.020084	-2.535736	5.178970
Mg	-0.403061	-5.163741	2.375275
Mg	-0.216384	0.262818	-5.946085
Mg	1.114765	4.929694	2.936980
Mg	1.579729	3.293740	-4.750410
Mg	1.997902	2.189456	5.266524
Mg	2.271485	-2.969323	3.341460
Mg	2.600535	-3.714632	-2.694351
Mg	4.343745	-2.172412	0.505458
Mg	4.487386	3.153819	2.459697
Mg	5.199470	-0.022313	-2.279641
45			
Al ₂₉ Mg ₁₆			
Al	-4.211554	-0.329371	0.665953
Al	-3.649929	1.929074	-1.210887
Al	-3.181975	-2.804822	-0.594966
Al	-2.666565	0.063699	3.328201
Al	-2.295833	-0.356605	-1.255835
Al	-2.136519	0.854045	-3.607732
Al	-2.094001	1.388180	0.978951
Al	-1.933812	-2.068447	-3.261326
Al	-1.802838	-1.428970	1.242520
Al	-1.102386	2.604952	3.227807
Al	-1.061540	-3.978604	1.209846
Al	-0.931872	2.168533	-1.472016
Al	-0.704024	-2.203201	3.583573
Al	-0.419195	-2.539979	-1.036683
Al	-0.072280	0.238693	2.602666
Al	0.038571	0.024502	-0.079163
Al	0.138897	-0.339139	-2.714412
Al	0.452869	2.561319	0.967623
Al	0.627739	2.095592	-3.694581
Al	0.945545	-2.117171	1.376158
Al	1.818974	1.581912	-1.300490
Al	1.847272	1.957770	3.331769
Al	2.148023	-0.980506	3.565648
Al	2.166936	-1.384505	-1.060605
Al	2.314776	0.368670	1.217044
Al	2.772469	0.062590	-3.277927
Al	3.161013	2.847424	0.744798
Al	3.670518	-1.915940	1.168811
Al	4.206319	0.459843	-0.636700
Mg	-4.977860	-0.797104	-2.616858
Mg	-4.622290	2.441973	2.313974
Mg	-3.917687	-3.010577	2.727507
Mg	-2.245407	3.989313	-3.570015
Mg	-2.098856	4.454280	0.486158

Mg	-1.664297	-5.208179	-1.924813
Mg	-0.155459	0.424778	5.625513
Mg	-0.047629	-0.335805	-5.760946
Mg	1.152065	4.616347	-1.407160
Mg	1.299474	4.976707	2.672666
Mg	1.333089	-3.038942	-3.688542
Mg	1.834184	-4.211689	3.403062
Mg	2.003343	-4.514943	-0.289823
Mg	4.167474	2.950993	-2.688355
Mg	4.935822	0.770600	2.703009
Mg	4.958433	-2.267291	-1.993421

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Al30Mg15

Al	-3.906299	1.747927	0.210282
Al	-3.520629	-0.482250	2.394052
Al	-3.461204	0.579324	-2.515775
Al	-2.827631	-3.082718	1.070689
Al	-2.657179	-0.651187	-0.195494
Al	-1.813835	3.863667	0.572589
Al	-1.641290	1.364873	1.683575
Al	-1.584233	1.819033	-1.118815
Al	-1.184870	0.227202	4.134076
Al	-1.029540	-1.387308	2.021431
Al	-1.013722	-0.647678	-2.523061
Al	-0.985930	1.893105	-3.729927
Al	-0.666012	-2.657398	-0.554765
Al	-0.047378	-0.038696	-0.031070
Al	0.008493	-3.854843	1.899679
Al	0.021553	3.900950	-1.795822
Al	0.608030	2.588580	0.535820
Al	0.948762	0.619167	2.464664
Al	1.005303	-1.786067	3.773977
Al	1.009874	1.387742	-2.019102
Al	1.155313	-0.198343	-4.137752
Al	1.564933	-1.820240	1.122783
Al	1.595371	-1.397850	-1.709136
Al	1.791021	-3.872481	-0.539321
Al	2.573131	0.560044	0.117338
Al	2.884048	3.020165	-0.953265
Al	2.936918	2.439462	1.972033
Al	3.485117	-0.453566	2.448774
Al	3.510829	0.453532	-2.412281
Al	3.894992	-1.767256	-0.237635
Mg	-5.675492	-0.971648	0.009740
Mg	-3.839646	2.621302	3.355805
Mg	-3.368284	-2.830356	-2.294892
Mg	-3.335332	3.937916	-2.401880
Mg	-2.141206	-2.966683	4.360687
Mg	-2.016412	-0.534870	-5.425375
Mg	-1.124173	-5.690508	-0.375991
Mg	-0.062807	3.431436	3.514886
Mg	0.182256	-3.451280	-3.556070
Mg	1.493793	5.491001	0.647101
Mg	2.195336	3.025111	-4.267031
Mg	2.294080	0.866891	5.175723
Mg	3.382516	-3.836614	2.453149
Mg	3.830639	-2.632779	-3.366061
Mg	5.530794	1.174188	0.221670

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Al31mg14

Al	-3.766442	-0.914894	1.876551
Al	-3.664753	1.963816	1.092859
Al	-3.103155	2.211344	-1.990413
Al	-2.842775	-0.507758	-3.194592
Al	-2.691489	-0.062699	-0.495271
Al	-1.570654	0.572094	2.078350
Al	-1.502427	-1.583738	3.703468
Al	-1.453740	-2.093285	0.998981
Al	-1.321172	3.222926	2.519642
Al	-1.245997	2.357966	-0.037652
Al	-0.952035	-1.872137	-1.755530
Al	-0.758242	0.930183	-2.381945
Al	-0.564058	-4.246109	-0.443647
Al	-0.444633	3.609284	-2.292770

Al	-0.064285	-0.949869	-4.192233
Al	0.000010	0.000006	0.000004
Al	0.064143	0.949848	4.192243
Al	0.444696	-3.609285	2.292694
Al	0.564137	4.246126	0.443640
Al	0.758179	-0.930154	2.381940
Al	0.952022	1.872150	1.755537
Al	1.246043	-2.357886	0.037646
Al	1.321212	-3.222916	-2.519586
Al	1.453734	2.093293	-0.998991
Al	1.502311	1.583763	-3.703523
Al	1.570599	-0.572052	-2.078381
Al	2.691501	0.062737	0.495278
Al	2.842691	0.507788	3.194651
Al	3.103117	-2.211283	1.990491
Al	3.664766	-1.963693	-1.092953
Al	3.766394	0.914938	-1.876623
Mg	-5.644528	0.431924	-0.993439
Mg	-3.795229	-2.999270	-0.932041
Mg	-3.319816	1.246151	4.443086
Mg	-2.711025	-4.380733	2.548214
Mg	-2.690721	5.006728	-0.088139
Mg	-1.586084	2.010272	-5.075261
Mg	-1.521880	-3.856629	-3.980464
Mg	1.522089	3.856334	3.980670
Mg	1.585919	-2.010316	5.075264
Mg	2.690874	-5.006619	0.088137
Mg	2.711280	4.380532	-2.548278
Mg	3.319650	-1.246157	-4.443182
Mg	3.795241	2.999276	0.932045
Mg	5.644530	-0.431998	0.993519

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Al₃₂Mg₁₃

Al	0.144042	-1.422337	-3.537339
Al	-2.358401	-0.305268	-3.252930
Al	2.326299	0.255726	-3.193044
Al	-2.658631	2.295587	-2.728877
Al	2.115917	2.889216	-2.584873
Al	-0.423534	3.783326	-2.539024
Al	-0.164922	1.077248	-1.900076
Al	0.380358	-3.731669	-1.592569
Al	-1.211872	-1.510805	-1.174978
Al	1.434044	-1.253989	-1.170183
Al	-3.836829	-1.954964	-0.755115
Al	4.072980	-1.023853	-0.678907
Al	-2.751428	0.569382	-0.614341
Al	2.351483	1.121005	-0.564332
Al	-1.713748	2.963462	-0.265605
Al	0.928639	3.364467	-0.185842
Al	-1.990109	-3.837909	0.088999
Al	3.605274	3.349325	0.109091
Al	2.718828	-3.293374	0.146125
Al	-0.149650	0.614981	0.820922
Al	0.232127	-2.515118	0.863748
Al	-4.586325	-0.186753	1.202202
Al	4.366497	0.957410	1.244574
Al	-2.138595	-1.280847	1.438382
Al	2.234692	-0.756274	1.482515
Al	-2.510174	1.473887	2.010155
Al	1.937661	2.031556	2.052969
Al	-0.544873	3.456413	2.079494
Al	-1.250112	-3.535513	2.810348
Al	1.880649	-3.162739	2.839338
Al	0.055419	-1.197992	3.216620
Al	-0.245945	1.344126	3.598375
Mg	-0.151687	1.579253	-4.938448
Mg	-2.408928	-3.570407	-3.216388
Mg	3.116491	-2.940294	-3.170629
Mg	-5.367096	0.380864	-2.290723
Mg	5.104203	1.620394	-2.105665
Mg	-0.814734	5.965236	-0.113010
Mg	-4.805950	2.879703	0.140177
Mg	0.594702	-5.624698	1.076190
Mg	-4.439292	-3.317610	2.127648

Mg	2.101570	5.206333	2.200783
Mg	4.940959	-2.149352	2.219733
Mg	-2.870389	-0.651777	4.378779
Mg	2.750394	0.044643	4.425730
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Al ₃₃ Mg ₁₂			
Al	-1.627069	0.631425	-3.418865
Al	1.032447	2.211623	-3.289508
Al	-1.048769	-2.075292	-3.223724
Al	3.208675	0.392050	-2.806761
Al	2.296694	-2.242927	-2.786437
Al	0.593451	-0.257208	-2.175229
Al	3.410870	3.121906	-2.131079
Al	-3.343291	1.683653	-1.539749
Al	-2.027593	-3.696322	-1.292697
Al	-0.724792	1.843379	-1.153620
Al	0.946249	4.068049	-1.128429
Al	0.349084	-2.492097	-0.849940
Al	-1.910514	-0.748865	-0.764444
Al	1.862549	1.517490	-0.692632
Al	2.747079	-3.718991	-0.482835
Al	4.510467	1.156884	-0.459645
Al	2.620327	-0.998664	-0.248347
Al	-1.565399	4.075680	0.083186
Al	0.360360	-4.892051	0.259784
Al	-3.825206	-2.470589	0.303333
Al	-4.424118	0.157125	0.359259
Al	3.065270	3.525728	0.617100
Al	0.160210	-0.268176	0.998514
Al	-2.176486	1.558715	1.033053
Al	-1.291633	-2.989264	1.220632
Al	0.469535	2.527313	1.342058
Al	1.431032	-2.670619	1.730860
Al	2.889928	1.041425	1.735720
Al	-2.582984	-0.818588	2.103458
Al	-1.569004	3.533918	2.765983
Al	-0.749727	0.936395	3.342233
Al	1.630786	-0.481847	3.410163
Al	-0.602601	-1.846423	3.572046
Mg	1.018554	-0.419110	-5.230718
Mg	-1.680059	3.986469	-3.203160
Mg	0.563719	-4.908079	-2.920197
Mg	-4.223274	-1.321431	-2.721879
Mg	5.279721	-1.825839	-1.636801
Mg	-4.611322	3.482478	0.818999
Mg	0.779204	5.618267	1.704109
Mg	4.459681	-1.733739	2.125180
Mg	-3.483848	-3.533000	3.391954
Mg	0.012278	-4.963129	3.418770
Mg	-3.957819	1.508600	3.667139
Mg	1.727339	2.793680	4.153164
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Al ₃₄ Mg ₁₁			
Al	-4.490583	-0.005669	-0.312544
Al	-3.604835	0.662307	2.091391
Al	-3.579216	2.474886	-0.042517
Al	-3.548568	-1.996083	-1.687792
Al	-2.309281	-1.268593	3.375352
Al	-2.254975	3.412521	-2.137505
Al	-2.123175	-3.851215	-0.205088
Al	-2.112883	0.597386	-1.712695
Al	-2.074787	-1.209679	0.547930
Al	-1.360070	1.187649	3.653141
Al	-1.323963	4.131476	0.232652
Al	-1.254755	1.467458	0.920828
Al	-1.016836	-3.276593	2.345736
Al	-0.993202	-2.216463	-2.212258
Al	-0.894701	2.081191	-3.898796
Al	0.041459	3.308745	2.501319
Al	0.183536	-0.675041	2.129600
Al	0.195571	-0.316626	-0.671905
Al	0.213243	2.302007	-1.330442
Al	0.336245	-2.899031	0.112810
Al	0.419205	-0.131584	-3.371800

Al	1.276614	1.363807	3.801543
Al	1.335986	4.236864	0.381632
Al	1.602141	1.465223	0.971338
Al	1.819819	-2.227456	-2.172135
Al	1.826095	2.265589	-3.505951
Al	1.833445	-2.933608	2.445354
Al	2.448360	-1.233904	0.466845
Al	2.595596	0.434702	-1.698001
Al	2.885190	-3.799456	-0.162992
Al	3.008124	-0.313514	2.856388
Al	3.086642	2.906515	-1.019941
Al	4.264060	0.727064	0.468374
Al	4.358720	-1.618026	-1.339946
Mg	-4.741535	1.638336	-3.037006
Mg	-4.595118	-2.671591	1.561687
Mg	-3.119402	3.743450	2.862514
Mg	-2.521981	-0.700250	-4.564532
Mg	0.387867	-5.094877	-2.124074
Mg	0.473190	-1.530190	5.064498
Mg	0.482914	5.090444	-2.624058
Mg	0.685916	-5.758706	1.327994
Mg	3.421886	-0.602930	-4.476057
Mg	3.614991	3.214294	2.488021
Mg	5.123053	-2.380829	1.701090

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Al35Mg10

Al	-4.690567	0.627256	1.188647
Al	-4.341248	0.640963	-1.454832
Al	-3.659290	-1.630118	0.012882
Al	-2.973032	1.770668	2.874614
Al	-2.890834	-0.994244	2.493908
Al	-2.248522	1.982658	-2.538389
Al	-2.244510	-3.469839	1.490663
Al	-2.158626	-0.816177	-2.047441
Al	-2.126349	1.057282	0.270890
Al	-1.690164	-3.428265	-1.173780
Al	-1.308688	-2.640548	-3.804637
Al	-0.832536	-1.243355	0.465662
Al	-0.820750	3.145473	1.955332
Al	-0.647655	0.419424	2.783414
Al	-0.596206	0.053071	-4.221961
Al	-0.534757	3.278145	-0.787930
Al	-0.327011	-2.334948	3.052783
Al	-0.024809	0.693196	-1.694187
Al	0.298415	2.672895	-3.453894
Al	0.396939	-3.631365	0.687687
Al	0.536090	-1.934223	-1.828767
Al	0.720125	1.314135	0.692122
Al	1.206952	-1.995036	-4.458534
Al	1.307399	-0.526007	4.373767
Al	1.639775	1.937351	3.112147
Al	1.659780	-1.002739	1.659581
Al	1.733349	3.783393	0.951068
Al	2.068073	0.424590	-3.480988
Al	2.206189	2.423747	-1.456535
Al	2.397995	-0.279926	-0.830595
Al	2.754730	-2.932321	-0.227490
Al	3.237309	-2.006585	-2.713163
Al	3.457849	1.547355	0.895643
Al	3.652025	0.107703	3.196427
Al	4.364030	-1.066800	0.868590
Mg	-4.437234	-2.869245	-2.778232
Mg	-3.721177	0.021580	-4.641757
Mg	-3.696691	3.654022	0.098785
Mg	-1.806467	-0.791265	5.453599
Mg	-0.703820	2.525045	5.129123
Mg	1.124812	-4.816847	-2.485661
Mg	1.433306	5.411812	-1.929028
Mg	2.921223	-3.329202	3.100334
Mg	4.319184	3.499662	3.141276
Mg	5.045392	0.747627	-1.941144

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Al36mg9

Al	0.822499	0.103657	-4.227755
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Al	3.548073	0.100481	-3.795448
Al	2.182017	2.406126	-3.560043
Al	-1.993763	0.107109	-3.349491
Al	2.136864	-2.142785	-3.201707
Al	-0.024483	1.687107	-2.174413
Al	-2.657116	2.498901	-1.913772
Al	0.064426	-1.108464	-1.900703
Al	-0.544250	4.294428	-1.708748
Al	4.285022	-1.414850	-1.670185
Al	-4.161868	0.091567	-1.578563
Al	-2.472297	-2.175568	-1.562949
Al	2.253237	0.478857	-1.452360
Al	-0.159874	-3.729223	-1.424096
Al	1.891997	3.346382	-1.065806
Al	-1.700177	0.274219	-0.595401
Al	2.006652	-2.203607	-0.419770
Al	-2.371519	4.199809	0.269105
Al	-0.363200	2.421504	0.412018
Al	-3.592628	1.792374	0.618918
Al	3.737395	-0.334643	0.787895
Al	-0.679788	-2.039104	0.796607
Al	-3.497827	-1.219214	0.854966
Al	0.971631	0.051769	0.916317
Al	0.993348	-4.338201	0.918221
Al	2.574404	2.193285	1.190269
Al	-1.513775	0.405483	1.992059
Al	2.044437	-2.194831	2.285456
Al	-2.127634	2.936876	2.695299
Al	-3.959663	0.583707	3.044437
Al	0.468939	2.009579	3.051142
Al	-0.296279	-3.445831	3.096009
Al	2.646251	0.332207	3.201964
Al	-2.409209	-1.753619	3.317740
Al	0.195685	-0.826529	3.668413
Al	-1.727370	0.900103	4.598463
Mg	-0.949365	2.933413	-4.789258
Mg	-0.865310	-2.725402	-4.436620
Mg	2.825117	-4.896063	-1.787647
Mg	4.895558	1.981167	-1.332146
Mg	-6.311106	0.208402	0.841333
Mg	4.577747	-3.457047	0.902861
Mg	-2.563052	-4.425458	0.909756
Mg	0.636926	5.017476	1.587337
Mg	1.183328	1.074450	5.990295

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Al37mg8

Al	-4.422709	0.220426	-1.124605
Al	-3.228227	0.644923	-3.611972
Al	-3.155124	2.717260	-1.713248
Al	-2.968851	-1.843533	-2.327731
Al	-2.912554	1.555022	0.808184
Al	-2.718759	-3.391642	2.134744
Al	-2.658600	-1.265996	0.430326
Al	-2.139650	-0.858375	3.035711
Al	-2.002328	-3.855928	-0.444029
Al	-1.752485	1.786329	3.190572
Al	-1.719336	0.470149	-1.428222
Al	-0.885529	2.170822	-3.344960
Al	-0.776004	-0.710028	-3.749363
Al	-0.615440	2.693761	-0.492971
Al	-0.467708	-4.922390	1.561912
Al	-0.437298	-1.798291	-1.174207
Al	-0.365122	0.385362	1.014840
Al	-0.242004	-2.292134	1.564586
Al	0.321155	0.072294	3.627256
Al	0.555271	2.687230	2.194491
Al	0.793867	-4.094629	-0.761898
Al	0.999211	0.481196	-2.018105
Al	1.237889	4.528858	0.251185
Al	1.388841	3.338858	-2.303564
Al	1.748745	-2.059198	-2.702601
Al	1.796751	-1.141001	0.238855
Al	1.951443	1.805680	-0.017462
Al	2.122591	-3.852345	1.528225

Al	2.144321	-1.797446	3.099804
Al	2.668728	0.667454	2.287787
Al	3.220584	3.329490	1.894175
Al	3.375695	-3.215584	-0.770108
Al	3.555608	1.777362	-2.381463
Al	3.691275	3.841992	-0.706968
Al	3.794614	-0.652736	-1.478628
Al	4.221089	-1.446411	1.234431
Al	4.541650	1.287867	0.315935
Mg	-5.122460	-0.291131	2.119494
Mg	-5.119087	-3.027261	-0.247351
Mg	-1.978099	4.588148	1.527150
Mg	-1.142155	5.261475	-2.160302
Mg	-0.819229	-3.942416	-3.533055
Mg	-0.383393	-3.234923	4.492212
Mg	1.752059	0.991365	-4.940386
Mg	2.150764	2.390076	4.881323

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Al ³⁸ Mg ⁷			
Al	-4.977037	-0.469445	-0.337109
Al	-4.315537	-3.150103	-0.887407
Al	-4.250956	-1.261371	-2.875566
Al	-3.639930	-2.037954	1.526259
Al	-3.193541	1.217356	-1.805194
Al	-2.801217	0.595086	0.935541
Al	-2.526948	2.464659	2.781673
Al	-2.390859	-1.252825	-0.936827
Al	-2.148141	-3.248904	-2.682063
Al	-2.031758	-0.161457	3.473095
Al	-1.878147	2.895651	-0.044858
Al	-1.762644	-3.759870	0.047771
Al	-1.698391	-0.436466	-3.402322
Al	-1.035028	-1.443943	1.329815
Al	-0.760451	2.350424	-2.739486
Al	-0.481460	4.006492	2.038013
Al	-0.299693	0.615955	-0.857071
Al	-0.154817	1.283383	1.810311
Al	0.045690	-2.481222	-4.034450
Al	0.210743	-2.054128	-1.350653
Al	0.565685	-1.109859	3.501589
Al	0.617633	3.587057	-0.462798
Al	0.743222	-3.526524	1.220567
Al	0.854884	0.094673	-3.578585
Al	1.445251	-0.905019	0.890969
Al	2.062061	2.285704	-2.373564
Al	2.080601	3.300250	2.268265
Al	2.157008	1.555240	0.300190
Al	2.434701	-0.337312	-1.532242
Al	2.533862	-2.481909	-3.048656
Al	2.593476	0.616256	2.904066
Al	2.903353	-2.312124	2.551488
Al	2.905013	-2.881203	-0.331450
Al	3.385444	3.824371	-0.334621
Al	4.176931	-0.531822	0.816709
Al	4.502248	2.132827	1.525470
Al	4.525837	1.398020	-1.179474
Al	4.826512	-1.443068	-1.680663
Mg	-5.172437	0.364608	2.965171
Mg	-5.011626	2.769119	0.394856
Mg	-1.582968	-3.584539	3.498683
Mg	0.202495	2.024782	4.751122
Mg	0.700890	-5.019368	-1.823377
Mg	1.666856	6.183309	1.001469
Mg	3.973192	0.325216	-4.234655

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Al ³⁹ Mg ⁶			
Al	-4.715574	-0.012630	0.415192
Al	-4.525812	2.458850	-0.649837
Al	-3.785467	0.213726	-2.208586
Al	-3.300928	-3.034000	1.519186
Al	-3.253604	1.964986	1.724748
Al	-3.199686	-0.539984	2.622261
Al	-2.989741	2.895389	-2.791664
Al	-2.441541	-1.209399	-0.181255

Al	-2.277979	4.070101	-0.182678
Al	-1.936058	1.466913	-0.639679
Al	-1.894936	-1.895432	-2.759307
Al	-1.851964	-3.915877	-0.699678
Al	-1.325892	0.794521	-3.314383
Al	-1.275003	-2.260735	3.268766
Al	-1.192399	-4.660553	1.951533
Al	-1.101321	0.915330	3.916872
Al	-0.819474	2.962990	1.895971
Al	-0.781401	0.172463	1.473415
Al	-0.423586	3.336804	-2.118677
Al	-0.131249	-2.387732	0.768709
Al	-0.032883	-0.473966	-1.255094
Al	0.492165	-3.088495	-1.895600
Al	0.493014	4.615030	0.162115
Al	0.610276	-1.127639	-3.868243
Al	0.689677	-4.963210	0.079705
Al	0.782915	1.918453	-0.110271
Al	1.017847	-0.960955	3.329622
Al	1.324192	-3.623219	2.628156
Al	1.393076	1.296992	-2.792687
Al	1.423652	1.637006	2.656144
Al	1.885126	-0.435643	0.749811
Al	2.289820	3.655066	-1.724178
Al	2.545721	-1.164769	-1.893215
Al	2.559525	-3.034484	0.209024
Al	2.846799	3.303104	0.968965
Al	3.426726	1.296813	-0.841994
Al	3.487071	-1.779542	2.498359
Al	3.965618	0.913537	1.841981
Al	4.513983	-1.095248	0.011347
Mg	-4.831719	-2.779936	-1.416780
Mg	0.049516	2.908376	-5.176516
Mg	1.310572	4.766061	3.323221
Mg	3.344694	0.421802	4.910408
Mg	3.356090	-4.153406	-2.596671
Mg	4.280144	0.612541	-3.808519

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Al40Mg5

Al	1.223095	-1.278405	-4.705151
Al	1.139860	1.463966	-4.510039
Al	-1.317936	-0.053322	-4.455041
Al	-3.353700	1.364160	-3.410308
Al	-0.798205	-2.453707	-3.194951
Al	3.122277	0.080964	-3.064775
Al	-0.875158	2.267905	-2.801178
Al	0.445241	-0.084346	-2.428763
Al	2.185700	-2.355608	-2.338376
Al	1.698406	2.226515	-1.770526
Al	-2.247609	-0.443726	-1.672396
Al	-4.761993	0.591373	-1.307144
Al	4.260871	1.533681	-1.076823
Al	-2.283802	-3.275872	-0.959437
Al	-2.772311	2.551985	-0.924752
Al	4.316433	-1.296650	-0.847697
Al	0.118247	-1.976849	-0.661174
Al	-0.108345	3.659175	-0.388260
Al	2.115438	-0.034531	-0.226594
Al	-0.656459	0.956455	-0.099748
Al	-4.315935	-1.689058	0.056629
Al	2.694559	3.542051	0.388870
Al	2.333041	-3.013550	0.394270
Al	-1.813153	-1.341865	0.954967
Al	-3.437854	0.856134	1.035812
Al	-0.293466	-3.700599	1.365258
Al	3.940516	1.378945	1.539521
Al	1.124409	1.726401	1.629034
Al	-3.050497	-3.592415	1.706074
Al	-1.616754	2.911563	1.743786
Al	3.622807	-1.235537	1.865816
Al	0.804402	-1.069210	1.954684
Al	0.646231	4.369460	2.164612
Al	-1.284793	0.472042	2.821696
Al	-3.710305	-1.148733	2.865921

Al	2.793259	3.177806	3.248758
Al	-1.289789	-2.312068	3.500510
Al	2.458226	0.470700	3.682476
Al	0.240838	2.322048	4.089955
Al	0.251496	-0.469371	4.754812
Mg	3.847089	3.114697	-3.850841
Mg	-4.131015	-1.969371	-3.471598
Mg	0.459561	-4.989052	-1.529540
Mg	1.910741	-3.214908	3.834220
Mg	-3.633665	1.960727	4.097433

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Al41Mg4

Al	-3.979713	0.964176	1.548938
Al	-3.953710	-1.193556	-0.209965
Al	-3.855220	-1.809268	2.417382
Al	-3.556657	3.393817	0.532048
Al	-3.250426	-0.755529	-2.905212
Al	-3.030178	0.163676	3.971144
Al	-2.980002	-3.332859	-1.662942
Al	-2.532596	1.174738	-1.022092
Al	-2.531697	2.804597	3.223880
Al	-1.993010	-3.112519	0.954971
Al	-1.648575	-0.377480	1.477938
Al	-1.445580	3.721215	-1.144761
Al	-1.378400	-1.272204	-1.047189
Al	-1.359224	4.767926	1.474273
Al	-1.205955	-2.032943	3.459125
Al	-1.182086	2.140600	1.109130
Al	-1.081145	-2.564677	-3.477572
Al	-0.686630	0.277206	-3.345167
Al	-0.498755	0.841586	3.764283
Al	-0.241132	-3.838238	-1.045190
Al	0.288068	0.959732	-0.889151
Al	0.497167	3.311154	2.941884
Al	0.551172	2.842922	-2.711761
Al	0.608553	-1.774295	0.795183
Al	0.929031	3.612902	0.192691
Al	1.025889	-1.513011	-2.073113
Al	1.183359	0.850479	1.610484
Al	1.393853	-1.206372	3.422016
Al	1.468348	-3.875663	-3.176044
Al	2.173221	1.453626	4.095676
Al	2.178079	0.669369	-3.107415
Al	2.515917	-3.364118	-0.669043
Al	2.725901	-0.355330	-0.302194
Al	2.897569	2.280940	-1.042186
Al	3.102856	2.699238	1.728690
Al	3.165982	-2.444311	1.720097
Al	3.565515	-1.943428	-2.752724
Al	3.737102	0.030981	2.396542
Al	4.709292	0.398119	-2.161942
Al	4.949570	-1.691984	-0.270072
Al	5.001299	1.136009	0.366149
Mg	-5.594696	1.362859	-1.246997
Mg	-2.743027	2.576081	-3.817951
Mg	0.691409	-4.512473	2.164866
Mg	1.369258	-1.463692	-5.286709

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Al42Mg3

Al	-0.144520	1.511019	-4.622093
Al	-2.811642	0.790645	-4.424364
Al	1.871413	-0.398132	-4.374668
Al	-0.828905	-1.191363	-4.259964
Al	1.244989	-3.051224	-3.926830
Al	-1.989122	3.115378	-3.163120
Al	-3.077564	-1.223537	-2.545608
Al	1.600732	1.634611	-2.519223
Al	3.353323	-1.983134	-2.476943
Al	-0.991705	-3.197202	-2.292325
Al	-1.159555	0.728364	-2.267011
Al	0.849472	-1.150251	-2.021156
Al	-3.831881	1.420502	-1.884825
Al	1.564532	-3.749933	-1.235735
Al	-0.222568	3.220430	-1.077079

Al	3.118239	0.044067	-0.606166
Al	-2.895699	3.748108	-0.604182
Al	-1.433477	-1.321996	-0.358614
Al	0.527642	0.777142	-0.187416
Al	2.396316	2.693145	0.068236
Al	-4.016161	-0.566734	0.099729
Al	3.699701	-2.542867	0.245562
Al	-2.045941	1.368030	0.268926
Al	-0.686777	-3.810067	0.494432
Al	1.155650	-1.764813	0.650086
Al	-4.636211	2.063982	0.724840
Al	1.858442	-4.241300	1.500688
Al	4.566401	-0.314235	1.686033
Al	0.129771	2.643280	1.757560
Al	-2.564186	-2.177202	1.979255
Al	1.994236	0.471523	2.002851
Al	-0.671717	-0.175414	2.095429
Al	-2.555232	3.155865	2.196396
Al	3.852457	2.311058	2.329299
Al	-3.308124	0.488056	2.618201
Al	2.751489	-2.036869	2.925291
Al	0.006092	-2.721879	3.000904
Al	1.622628	2.246197	4.014385
Al	-1.100490	1.632154	4.042262
Al	3.587649	0.301399	4.204546
Al	0.896447	-0.423399	4.392522
Al	-1.802644	-1.057086	4.396327
Mg	4.596229	0.895750	-3.233657
Mg	-3.713746	-3.713012	-0.612598
Mg	-0.755983	5.550941	0.999816

45			
Al43Mg2			
Al	0.637952	-1.801620	-4.378612
Al	-1.169240	0.194814	-3.700873
Al	1.605703	0.681714	-3.545795
Al	-1.583859	-2.507335	-2.880906
Al	-2.925715	2.179968	-2.858750
Al	2.925378	-1.713332	-2.836803
Al	-0.175997	2.709487	-2.799917
Al	2.572138	3.129896	-2.643525
Al	0.953373	-3.678185	-2.355725
Al	-3.414735	-0.463966	-2.127763
Al	3.920924	0.817195	-1.987210
Al	0.404106	-1.043636	-1.739358
Al	-3.811207	-3.105623	-1.462740
Al	5.150430	-1.580795	-1.168226
Al	-1.336355	0.935835	-1.010709
Al	1.385603	1.428714	-0.820417
Al	3.311140	-3.533515	-0.756675
Al	-1.864967	3.640207	-0.752025
Al	-1.290378	-4.263263	-0.693395
Al	0.975088	4.114722	-0.621697
Al	-3.914608	1.686218	-0.311432
Al	2.662786	-0.880751	-0.210381
Al	-1.808343	-1.703478	-0.126267
Al	3.532162	2.876536	-0.047782
Al	0.902740	-2.899058	0.248677
Al	-4.407536	-1.070856	0.395040
Al	4.963507	0.506287	0.541734
Al	-3.361652	-3.656348	1.096116
Al	0.217530	-0.338280	1.103044
Al	-0.328248	2.318581	1.190201
Al	-0.688289	5.053022	1.296056
Al	4.278788	-2.073975	1.455870
Al	-2.335221	0.456800	1.509447
Al	2.629179	0.999748	1.768101
Al	-2.799725	3.217226	1.845253
Al	1.787361	3.661091	2.030509
Al	-0.901600	-3.092003	2.140500
Al	1.872404	-1.591980	2.686921
Al	-3.209702	-1.639363	2.853406
Al	0.707517	1.335917	3.554896
Al	-0.594613	3.719399	3.582237
Al	-0.730790	-0.901720	3.648629

Al	-2.052098	1.478746	3.918567
Mg	2.431755	-4.687526	2.224722
Mg	-5.122687	1.084484	2.747055
45			
Al44Mg1			
Al	-4.354331	-0.130433	-0.347707
Al	-4.018858	-1.425389	2.108504
Al	-3.665324	-1.567135	-2.669868
Al	-3.658696	2.604481	-0.518031
Al	-3.343842	-2.832725	-0.195119
Al	-3.392162	1.294605	1.940631
Al	-2.544170	-4.118666	-2.540675
Al	-2.620355	3.975958	1.638835
Al	-2.491272	0.098537	-4.450027
Al	-2.222298	0.712713	-1.877989
Al	-1.883206	-0.636288	0.642344
Al	-1.675836	-2.990918	2.097026
Al	-1.748505	-0.487756	3.432661
Al	-1.401297	-2.356609	-4.321975
Al	-1.424781	4.374333	-0.842626
Al	-1.157577	-1.932630	-1.702246
Al	-0.947116	-4.359232	-0.273297
Al	-1.174230	2.035856	0.404693
Al	-1.040396	2.268520	3.187914
Al	0.053404	-0.083427	-3.610686
Al	0.237712	-3.993090	-2.751152
Al	0.032326	2.496062	-2.268269
Al	0.265298	0.164082	-0.934879
Al	0.412994	0.299255	1.895468
Al	0.603767	0.479033	4.589632
Al	1.351249	4.555986	-1.019522
Al	0.726115	-4.448261	1.943669
Al	1.798484	2.436572	2.986985
Al	0.155366	4.221521	1.505426
Al	0.485264	-2.144744	0.533229
Al	1.577438	2.198957	0.214394
Al	1.763486	-1.796720	-2.124036
Al	1.942565	-4.112886	-0.554768
Al	2.857529	-0.218942	3.083242
Al	2.449301	0.981517	-2.307935
Al	2.593094	-0.370303	0.301964
Al	2.916066	-2.731378	1.755165
Al	0.669702	-2.031694	3.340495
Al	2.937432	4.305312	1.251681
Al	3.769321	3.039476	-1.063987
Al	4.089025	-2.320958	-0.758291
Al	4.050865	1.736217	1.414182
Al	4.790380	0.441749	-0.976851
Al	5.004881	-0.896353	1.438520
Mg	-2.768812	3.265794	-3.596723
45			
Al45Mg0			
Al	1.004653	-0.618536	-5.038056
Al	0.541051	1.836248	-4.171968
Al	-1.453301	0.053471	-3.755130
Al	2.533535	-2.325335	-3.706897
Al	3.287796	0.366199	-3.504107
Al	-0.192115	-2.417010	-3.309553
Al	-2.410863	2.609195	-3.256108
Al	0.044631	4.178906	-3.051099
Al	-2.874381	-2.197321	-2.908592
Al	1.073393	-0.236120	-2.269706
Al	2.222649	2.557141	-2.176413
Al	-3.684299	0.284802	-2.051724
Al	1.512590	-3.720228	-1.556246
Al	-0.579497	1.912261	-1.538443
Al	3.390256	-1.595798	-1.307177
Al	-1.888056	4.515637	-1.269555
Al	-1.398802	-0.699415	-1.094655
Al	-1.191239	-3.481451	-1.002936
Al	4.048624	0.950953	-0.755583
Al	-3.166516	2.355526	-0.418475
Al	0.668046	4.031961	-0.359659
Al	-3.609234	-2.466030	-0.305574

Al	0.994454	-1.631380	0.087849
Al	1.528651	1.139547	0.094367
Al	3.210527	3.338029	0.316896
Al	2.942448	-3.498653	0.765404
Al	-3.605078	-0.074340	0.818052
Al	-1.139563	1.139159	1.030425
Al	0.309577	-4.207530	1.116856
Al	3.322575	-0.884343	1.360113
Al	-1.487946	3.803901	1.366123
Al	-1.296187	-1.757625	1.368290
Al	-2.372546	-4.287128	1.420680
Al	1.044657	2.984055	2.132666
Al	3.341830	1.558557	2.367328
Al	-3.354715	2.099847	2.412716
Al	0.801157	0.077839	2.448170
Al	-3.761460	-2.269888	2.510111
Al	1.363894	-2.515087	2.883094
Al	-2.181011	-0.257707	3.416865
Al	-1.238292	-2.981180	3.686765
Al	-0.937211	2.078041	3.721528
Al	2.904915	-0.636610	4.093599
Al	1.597729	1.658156	4.552303
Al	0.132672	-0.770713	4.837453

Al0Mg50

Mg	0.302207	-0.623211	-6.325781
Mg	-0.246639	2.529387	-4.710464
Mg	-2.775071	-0.058593	-4.576325
Mg	3.009850	0.941913	-4.567287
Mg	-1.102649	-3.267502	-4.348994
Mg	2.488299	-2.656394	-4.345233
Mg	-0.790043	5.625279	-2.984232
Mg	-3.328256	3.102261	-2.882159
Mg	-5.789895	0.507584	-2.718954
Mg	2.459808	4.097221	-2.877599
Mg	0.268831	-0.409775	-2.837749
Mg	-4.178827	-2.697858	-2.525307
Mg	5.662589	2.480672	-2.700888
Mg	5.205664	-1.084263	-2.542751
Mg	-2.476993	-5.850667	-2.268868
Mg	1.078996	-5.308175	-2.323626
Mg	4.631434	-4.643891	-2.295052
Mg	-0.270100	2.669327	-1.196353
Mg	-2.733495	0.147891	-1.065653
Mg	2.919561	1.115762	-1.044579
Mg	-1.096138	-2.994544	-0.831411
Mg	-0.678493	-6.016028	0.828967
Mg	4.310474	4.086701	0.218628
Mg	1.040420	5.661661	0.087904
Mg	6.032247	0.852939	0.472872
Mg	5.561714	-2.752863	0.603155
Mg	-2.537417	5.014283	0.099379
Mg	0.262921	-0.225556	0.603918
Mg	-5.063349	2.428805	0.233411
Mg	2.414784	-2.401694	-0.819047
Mg	-5.622157	-1.157877	0.441447
Mg	2.916627	-5.460323	0.743651
Mg	-3.962578	-4.381243	0.657681
Mg	1.531554	2.648133	1.840941
Mg	3.291051	-0.522666	2.195420
Mg	-1.958398	2.009709	1.858584
Mg	-2.510784	-1.489436	2.055470
Mg	0.716567	-3.157947	2.332090
Mg	2.852307	5.589911	3.161130
Mg	4.625134	2.490596	3.414395
Mg	-0.703682	5.001864	3.210025
Mg	3.930532	-3.652816	3.605720
Mg	-4.222869	4.291165	3.192420
Mg	-4.844783	0.763182	3.429793
Mg	0.250426	-0.034913	4.046295
Mg	-2.195878	-4.491221	3.776227
Mg	-5.346875	-2.802398	3.596198
Mg	1.479043	3.038181	5.278997
Mg	-2.084136	2.310953	5.301585
Mg	-2.723532	-1.263522	5.502012

Al1Mg49

Al	-0.733028	2.809644	2.058827
Mg	-5.990015	1.044309	3.187833
Mg	-5.804694	2.246308	-0.210790
Mg	-5.726579	-1.193120	0.019175
Mg	-5.098446	-2.693184	-3.210160
Mg	-4.755336	0.841585	-3.174932
Mg	-4.423665	-2.384274	3.080378
Mg	-3.882000	-4.204987	-0.196894
Mg	-3.775638	3.849581	1.982826
Mg	-3.008146	0.530029	1.692288
Mg	-2.634002	-5.556205	2.847082
Mg	-2.597386	2.156738	4.658381
Mg	-2.533884	-1.136575	-1.421393
Mg	-2.350825	-1.075633	-4.957016
Mg	-2.228253	2.596068	-0.891337
Mg	-2.060518	2.545697	-4.645312
Mg	-1.843755	-4.152954	-3.177832
Mg	-1.486777	5.328228	3.965202
Mg	-1.459691	-2.984243	5.019632
Mg	-1.292454	-2.619047	1.538321
Mg	-1.263942	5.575702	0.547100
Mg	-0.850244	5.296162	-2.852700
Mg	-0.580485	-5.643558	-0.127368
Mg	-0.199728	0.013390	3.660184
Mg	-0.007019	0.323573	0.339217
Mg	0.167940	0.494636	-3.013320
Mg	0.378782	0.686819	-6.491769
Mg	0.709611	-2.597505	-1.364385
Mg	0.749010	2.967294	4.941518
Mg	0.899903	-4.915994	3.076678
Mg	0.932579	-2.465602	-4.854581
Mg	1.130836	3.288694	-0.614240
Mg	1.453534	-5.545366	-3.088891
Mg	1.501138	5.079792	2.387907
Mg	1.581742	3.337623	-4.362527
Mg	1.886886	6.610870	-0.893903
Mg	2.036104	-2.239586	5.229086
Mg	2.155084	-1.890284	1.760474
Mg	2.399287	1.781503	2.191934
Mg	2.949064	-4.896846	0.097378
Mg	3.067087	0.065121	-1.029892
Mg	3.341473	0.175268	-4.552463
Mg	3.883673	-2.919259	-2.799321
Mg	4.341503	4.444430	0.602203
Mg	4.390402	-4.102795	3.285277
Mg	4.476295	2.872135	-2.464837
Mg	4.755130	-0.530388	3.586695
Mg	5.373048	-2.242919	0.395052
Mg	5.788389	1.281846	0.720798
Mg	6.238011	-0.252721	-2.475583

Al2Mg48

Al	-3.718738	0.404467	-0.353872
Al	0.752616	3.502911	3.054528
Mg	1.314137	-3.402986	-6.043777
Mg	-1.192089	-1.085788	-5.200491
Mg	2.193508	-0.127785	-4.926766
Mg	-4.430530	-2.522332	-4.908776
Mg	-0.357704	2.404163	-4.354726
Mg	-1.618351	-4.593588	-4.193807
Mg	3.987484	-3.117144	-3.650904
Mg	5.456533	0.111943	-3.590951
Mg	-3.543412	0.765499	-3.542310
Mg	1.589505	-5.823235	-3.528785
Mg	3.079018	2.973131	-3.467755
Mg	0.771951	-2.424059	-2.684361
Mg	-5.971744	-1.126415	-2.063936
Mg	-2.675685	-2.138703	-1.952001
Mg	-5.946203	2.290096	-1.735195
Mg	-0.708174	0.525049	-1.544273

Mg	-2.666559	3.311852	-1.491219
Mg	2.724819	0.240032	-1.430637
Mg	-3.929715	-5.253747	-1.396922
Mg	4.293502	4.959764	-0.886643
Mg	-0.404591	-4.923422	-0.682330
Mg	3.414199	-5.189401	-0.663560
Mg	5.242931	-2.040425	-0.559915
Mg	5.712236	1.658162	-0.450121
Mg	1.144872	3.381775	-0.256518
Mg	1.862626	-2.429150	0.575110
Mg	-4.707887	-2.434064	0.786186
Mg	-6.665834	0.331286	0.954166
Mg	-1.432695	-1.469202	1.104705
Mg	-1.265069	5.308910	1.241333
Mg	-4.663003	3.066657	1.309701
Mg	-1.516667	1.951832	1.372281
Mg	2.033873	6.089896	1.647519
Mg	1.497342	0.702913	1.768517
Mg	-2.628224	-4.913465	1.969268
Mg	3.773322	3.177425	2.030746
Mg	4.707220	-0.293741	2.437016
Mg	4.343148	-3.851740	2.515216
Mg	0.817367	-4.902887	2.716131
Mg	-3.871075	0.104770	2.909473
Mg	-2.340010	3.753055	4.097642
Mg	1.859584	-1.816826	4.131700
Mg	-0.117253	6.343495	4.283877
Mg	-1.615940	-2.562172	4.373652
Mg	-0.596208	0.840826	4.434381
Mg	3.004773	5.039232	4.760233
Mg	2.704073	1.618896	4.841258
Mg	0.302720	3.584238	6.245912

Al3Mg47

Al	3.976675	0.967855	-2.195807
Al	-4.480240	1.237008	-0.545549
Al	0.639680	-3.368128	3.738904
Mg	-0.196797	2.838028	-5.513504
Mg	2.440821	0.403943	-5.033942
Mg	5.782893	1.006664	-4.867997
Mg	1.482279	-3.258740	-4.843845
Mg	-0.957092	-0.670981	-4.448041
Mg	-2.880141	5.019784	-4.313105
Mg	3.546883	3.501657	-4.182626
Mg	4.551945	-1.903284	-3.602353
Mg	-5.604405	2.461644	-3.352372
Mg	-4.265098	-0.716942	-3.138393
Mg	-2.339567	2.020423	-2.762846
Mg	1.018964	2.150084	-2.383731
Mg	6.383057	3.115100	-2.272513
Mg	1.583370	-1.109885	-2.168705
Mg	-0.800785	-3.803468	-1.965690
Mg	6.966180	-0.211037	-1.898588
Mg	-7.240824	-0.011259	-1.677228
Mg	2.770658	-4.465491	-1.647547
Mg	-0.566796	5.087324	-1.491793
Mg	-4.019002	4.401553	-1.013783
Mg	3.440980	3.857520	-0.795711
Mg	-1.797748	-0.684149	-0.736632
Mg	-7.093548	3.139663	-0.365343
Mg	4.357037	-1.584692	-0.207165
Mg	-4.919768	-1.937039	-0.052713
Mg	-1.669539	2.375239	0.521630
Mg	2.124257	0.939616	0.523045
Mg	5.458701	1.523309	0.635218
Mg	1.108537	-2.590274	0.742247
Mg	0.181847	-5.727436	1.498044
Mg	-6.745428	0.431275	1.644205
Mg	1.033623	4.204802	1.679826
Mg	-2.179067	5.618959	1.761991
Mg	-2.020109	-3.147476	1.813801
Mg	-4.686531	3.151522	2.064266
Mg	-3.471184	0.036009	2.279960

Mg	3.310423	-4.604055	2.301789
Mg	-0.158537	-0.357380	2.822390
Mg	3.130311	-1.314391	3.157095
Mg	-1.485908	2.709880	3.955790
Mg	2.161659	1.935035	4.069320
Mg	-1.782595	-5.427863	4.297761
Mg	1.474025	-6.357764	4.593008
Mg	-2.025461	-2.093530	5.058368
Mg	3.254792	-3.650528	5.603654
Mg	1.105444	-1.005963	5.901695
Mg	0.101129	-4.132142	6.813513

Al4Mg46

Al	2.593011	-2.420710	-3.388289
Al	-3.651932	-2.696583	-1.852571
Al	-0.100262	4.879713	0.481797
Al	1.159135	0.237473	4.759077
Mg	3.698038	-3.441646	-6.224997
Mg	0.596411	-2.028490	-5.946081
Mg	3.426168	-0.126834	-5.493755
Mg	-3.082339	-4.043029	-4.768623
Mg	1.186114	-5.103462	-4.598645
Mg	-2.807118	-0.677582	-4.317196
Mg	-5.870525	-2.169935	-4.116742
Mg	5.737215	-2.012871	-3.864717
Mg	0.746932	0.288784	-3.475728
Mg	4.363522	-5.101817	-3.329483
Mg	-0.580523	-2.804178	-2.872490
Mg	-5.490816	-5.209920	-2.634496
Mg	1.719642	4.605946	-2.201739
Mg	-1.565170	3.557383	-2.118530
Mg	3.880321	0.294940	-2.113673
Mg	-0.776756	6.900636	-1.913511
Mg	-2.179468	-5.614406	-1.881899
Mg	-5.049134	0.242383	-1.853071
Mg	1.681978	-4.753997	-1.246185
Mg	-1.805126	-0.182024	-1.142491
Mg	-6.681957	-2.556863	-0.814156
Mg	4.515659	-2.828024	-0.794761
Mg	1.466137	-1.467956	-0.548921
Mg	0.832250	1.941755	-0.378441
Mg	2.060026	7.204628	-0.022554
Mg	-3.211753	5.620284	0.082176
Mg	-1.361126	-3.267771	0.424063
Mg	-4.422480	-4.693405	0.557417
Mg	3.066342	4.087638	0.938515
Mg	-2.299082	2.513745	1.050916
Mg	-4.086817	-1.312094	1.071681
Mg	-0.975296	7.835221	1.381629
Mg	2.916519	0.464741	1.999112
Mg	-0.488501	-0.290912	2.067562
Mg	0.580374	2.804199	2.871853
Mg	1.378569	6.072572	3.133536
Mg	1.777336	-2.540214	3.159263
Mg	-1.885303	5.093314	3.211490
Mg	3.465769	2.548653	4.616439
Mg	-1.942395	1.345033	4.624805
Mg	-1.183693	-2.019120	4.849534
Mg	4.208955	-0.801007	4.854006
Mg	0.512300	3.073755	6.234984
Mg	1.721986	-2.331030	6.593442
Mg	-0.556647	0.067555	7.470775
Mg	2.763509	0.815527	7.479672

Al5Mg45

Al	-1.482012	-4.001954	0.820571
Al	-0.987255	1.646899	-5.378494
Al	0.070529	1.659578	3.596227
Al	0.939140	-3.343934	1.904845
Al	2.059669	3.038347	2.326211
Mg	-4.372996	-4.800936	-0.448415
Mg	-4.129673	-2.788532	2.313807

Mg	-4.099181	0.763565	-5.076994
Mg	-3.298351	-6.128429	2.476521
Mg	-3.166144	-1.643199	-0.734380
Mg	-3.053416	2.869298	-7.535517
Mg	-3.039405	3.918229	-4.286181
Mg	-2.963164	1.947089	2.431038
Mg	-2.384849	4.409787	-0.642156
Mg	-2.295218	-0.129257	5.088237
Mg	-2.128130	1.269749	-2.376604
Mg	-2.126849	-0.415580	-7.590036
Mg	-2.014963	3.256083	5.464765
Mg	-1.743345	-6.987953	-0.442830
Mg	-1.650075	-4.225410	-2.402436
Mg	-1.541416	-1.379088	-4.378212
Mg	-1.418490	-3.804486	4.028200
Mg	-1.265596	-0.996825	2.035075
Mg	-0.766876	4.562103	2.603241
Mg	-0.430123	4.681179	-6.340895
Mg	-0.264217	1.919719	0.427801
Mg	0.092766	-6.380957	2.323734
Mg	0.131416	2.005328	-8.384515
Mg	0.161058	3.681590	-3.141191
Mg	0.196430	-1.806537	-0.797614
Mg	0.343707	1.167202	6.797126
Mg	0.845092	-1.409946	4.604858
Mg	1.071497	-0.635432	-6.434854
Mg	1.100303	0.444578	-3.221749
Mg	1.114021	-5.140898	-0.712850
Mg	1.190725	4.991986	-0.101565
Mg	1.305562	4.048343	5.294426
Mg	1.593555	-3.089750	-3.668771
Mg	1.773449	-4.699229	4.738552
Mg	1.951881	-0.148214	1.704434
Mg	2.124968	2.529767	-5.678451
Mg	2.191876	6.240029	2.885149
Mg	2.901774	2.084250	-0.706682
Mg	3.024475	1.125144	4.722195
Mg	3.349288	-5.481864	1.804918
Mg	3.383611	-2.648274	-0.140734
Mg	3.827560	-2.427079	3.261061
Mg	4.444493	4.681761	0.836819
Mg	4.518637	4.092709	4.171463
Mg	4.914262	1.479450	1.960850

Al6Mg44

Al	-1.041466	4.102062	-1.772273
Al	-0.798306	1.421277	-1.973008
Al	-0.246358	2.935734	-4.130678
Al	0.232655	-5.035014	-1.366804
Al	0.417136	-0.126629	5.457367
Al	1.030799	-0.072070	2.840732
Mg	-4.052965	5.326978	-1.608415
Mg	-3.497685	-0.476566	-1.972487
Mg	-3.391370	2.574784	-3.417046
Mg	-3.202475	2.399984	-0.061878
Mg	-2.706786	-0.515935	6.243500
Mg	-2.374722	2.845547	-6.588041
Mg	-2.373657	-3.670702	0.033544
Mg	-2.332099	-6.932075	-0.967709
Mg	-2.318124	-4.428479	-3.291996
Mg	-2.131040	5.528106	-4.442020
Mg	-1.979199	5.339421	1.101107
Mg	-1.768896	1.335614	3.555686
Mg	-1.589635	0.033011	-4.750539
Mg	-1.441295	-0.353403	0.699174
Mg	-1.340545	-2.099602	3.576706
Mg	-1.310991	7.323816	-1.646330
Mg	-1.122208	2.472036	6.679844
Mg	-0.433059	-5.936890	1.693082
Mg	-0.422402	-3.010113	6.708102
Mg	-0.410233	-1.892939	-2.138677
Mg	-0.308153	-7.163478	-3.706618
Mg	-0.282112	-0.195784	8.625399

Mg	0.055198	2.624790	0.940889
Mg	0.364214	4.858503	-6.664136
Mg	0.695410	1.429249	-6.852831
Mg	0.788249	-2.862551	1.039844
Mg	0.857836	-8.094408	-0.626983
Mg	0.896230	-4.037108	-4.393846
Mg	1.114662	5.786953	-3.468437
Mg	1.202900	5.713425	-0.010873
Mg	1.207809	2.780311	4.230613
Mg	1.634918	0.300596	-3.780872
Mg	1.708962	0.031940	-0.391404
Mg	1.929197	-2.756854	4.277534
Mg	1.998628	3.015409	-1.799567
Mg	2.152013	1.836856	7.364996
Mg	2.588586	-1.557765	7.389983
Mg	2.782557	-5.544916	0.589297
Mg	2.783468	-3.039349	-1.730213
Mg	2.849326	-6.299619	-2.740631
Mg	2.873598	3.267208	-5.014742
Mg	3.350664	1.993402	1.763019
Mg	3.547570	0.275756	4.710717
Mg	3.813195	-1.450517	1.787920

Al7Mg43

Al	-1.471409	-0.506042	-4.194959
Al	0.431388	1.452885	-4.076882
Al	0.920211	-0.991131	-2.948660
Al	0.941116	-1.356481	0.058844
Al	-0.125745	-3.614838	1.173461
Al	0.895299	-1.678051	2.769186
Al	-0.111771	3.289005	4.381554
Mg	-2.039316	-1.963784	-7.031482
Mg	2.028042	2.216624	-6.795946
Mg	-1.321000	1.395096	-6.788566
Mg	1.037604	-0.926351	-6.170682
Mg	-4.301247	0.135995	-5.608540
Mg	-0.221394	4.333655	-5.395867
Mg	-0.323237	-3.524725	-4.499813
Mg	3.058368	-2.973852	-4.449950
Mg	3.482604	0.415214	-4.261974
Mg	-3.651821	-2.922434	-4.176879
Mg	-2.598188	2.469085	-3.850350
Mg	2.775577	3.681816	-3.801646
Mg	-4.071311	-0.186907	-2.198567
Mg	-0.067771	3.932413	-2.015814
Mg	1.461429	-3.962567	-1.642676
Mg	-1.557271	-2.462156	-1.551196
Mg	3.775592	-1.503843	-1.480204
Mg	-1.054724	0.821686	-1.288760
Mg	2.178382	1.429391	-1.263408
Mg	-1.290911	-5.797137	-0.951604
Mg	-3.295196	3.396611	-0.603704
Mg	1.574630	-6.351028	0.819412
Mg	-3.362625	-3.951474	0.989618
Mg	3.123724	-3.402729	1.220538
Mg	-1.975543	-0.956905	1.418777
Mg	-0.396130	4.649623	1.461405
Mg	3.445304	-0.041541	1.577376
Mg	0.381162	1.345550	1.724804
Mg	-1.371493	-6.263049	2.501628
Mg	-2.730677	2.473252	2.655991
Mg	2.648495	3.629639	2.661328
Mg	1.370784	-4.666833	3.822063
Mg	-1.697784	-3.182883	3.939412
Mg	-2.345832	5.562222	4.108933
Mg	1.010064	6.267323	4.129403
Mg	3.726422	-2.158724	4.269936
Mg	-1.191585	0.168359	4.512672
Mg	2.093871	0.830517	4.570806
Mg	0.820038	-2.072677	5.998501
Mg	-2.830398	2.781002	6.035772
Mg	2.554725	3.893245	6.056403
Mg	-0.508517	5.107177	6.974821

Mg	0.178064	1.740754	7.215483
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Al8Mg42

Al	-3.244561	-3.960894	-0.590167
Al	-1.810279	-3.145119	1.605714
Al	-0.883964	-5.223715	0.072409
Al	-0.857734	-2.694115	-0.924827
Al	0.624735	4.648808	0.485608
Al	1.285281	2.124442	-0.274407
Al	2.520458	4.221221	-1.470284
Al	3.077915	3.582836	1.152945
Mg	-6.021020	-5.534432	-0.097589
Mg	-5.962816	-2.350050	-1.337729
Mg	-5.005854	-2.941389	1.919444
Mg	-4.818345	-4.939104	-3.239426
Mg	-3.880611	1.932542	-2.273909
Mg	-3.396176	-5.911341	1.983261
Mg	-3.305711	-0.787605	-0.020220
Mg	-3.164858	-7.125446	-1.165026
Mg	-3.066948	-1.977363	-3.155341
Mg	-2.962585	-3.753305	4.552208
Mg	-2.897578	-0.562975	3.299803
Mg	-2.274143	5.797233	-0.405815
Mg	-1.823032	2.525825	0.525056
Mg	-1.567231	5.034435	2.845554
Mg	-1.455024	-4.946742	-3.107479
Mg	-1.027969	-8.207758	1.301438
Mg	-0.843039	0.371608	-2.009872
Mg	-0.548502	3.702019	-2.381462
Mg	-0.286737	-5.455796	3.233432
Mg	-0.214090	-0.384477	1.203864
Mg	-0.026332	7.689135	1.354267
Mg	0.019869	-2.134142	4.116857
Mg	0.172518	-7.603519	-1.842727
Mg	0.298868	-2.156358	-3.919071
Mg	0.577497	2.438604	2.861237
Mg	0.662673	6.816545	-1.892879
Mg	1.419674	-3.284674	1.283286
Mg	1.644532	-4.483892	-1.828458
Mg	1.740916	4.903112	-4.535236
Mg	1.790377	5.552220	3.350310
Mg	1.944729	-6.583233	0.881215
Mg	1.954580	1.663025	-3.399272
Mg	2.078326	-1.035859	-1.188948
Mg	3.037937	0.388890	1.819085
Mg	3.084764	6.733993	0.465801
Mg	3.616550	2.774543	4.244330
Mg	3.989016	6.782908	-2.778585
Mg	4.334117	1.558429	-1.048845
Mg	4.777691	3.589620	-3.705373
Mg	5.176024	5.432978	2.770047
Mg	5.569930	4.680147	-0.557890
Mg	5.946159	2.238186	1.823664

Al9Mg41

Al	-3.979607	-3.522182	0.120569
Al	-3.581445	-1.774504	-1.988782
Al	-2.766797	-1.141690	0.525159
Al	-1.474192	-3.109051	-0.873960
Al	1.785578	3.381816	0.942676
Al	1.820338	1.049719	2.400056
Al	1.940650	0.990574	-0.365261
Al	3.357269	3.085714	-1.323228
Al	4.081328	1.849989	1.059750
Mg	-6.959396	-3.859834	1.267278
Mg	-6.303902	-3.446069	-2.087697
Mg	-6.114148	-0.183187	-3.166422
Mg	-5.892284	-0.877706	0.124488
Mg	-5.368498	-6.348473	-0.500519
Mg	-4.541005	-2.064001	3.001406
Mg	-4.516703	-2.655654	-4.930278
Mg	-4.319111	-5.511675	2.637080

Mg	-4.093933	1.218880	2.213222
Mg	-3.739435	1.384359	-1.196993
Mg	-3.292921	-4.912976	-2.745688
Mg	-2.970686	0.343616	-4.385013
Mg	-1.981131	-6.072717	0.152231
Mg	-1.627948	-3.526994	2.379616
Mg	-1.241371	-0.165746	3.649887
Mg	-1.174724	-2.573068	-4.028711
Mg	-0.979009	1.696853	0.897376
Mg	-0.968859	5.071117	0.743208
Mg	-0.808034	-0.095017	-1.866482
Mg	-0.051573	3.364349	3.612255
Mg	0.123498	-5.296294	-2.542144
Mg	0.140801	3.195802	-1.853160
Mg	0.337206	-1.330728	0.980317
Mg	1.101254	-4.535763	0.583410
Mg	1.579924	1.129779	5.557687
Mg	1.708488	6.172072	2.507394
Mg	1.821828	-1.826662	3.942230
Mg	1.829986	-2.107872	-1.893956
Mg	1.917130	5.947324	-0.959287
Mg	2.067084	1.013971	-3.537639
Mg	2.350414	4.452314	-4.049191
Mg	3.349382	3.486710	3.771394
Mg	3.613981	-1.367692	1.093995
Mg	4.534579	5.030543	0.988912
Mg	4.561224	0.332748	3.867562
Mg	4.702938	0.121950	-1.650514
Mg	5.078915	5.597333	-2.306477
Mg	5.174616	2.561641	-3.913638
Mg	6.510941	2.874925	-0.739409
Mg	6.556929	2.960103	2.755967
Mg	6.700430	-0.008647	1.129326

Al10Mg40

Al	-1.788765	-0.290242	3.547406
Al	-1.319547	0.519405	-3.895167
Al	-0.676813	-0.070192	-1.267320
Al	-0.492487	0.631040	5.752941
Al	0.047275	-0.660670	1.532647
Al	0.369131	1.426321	3.300412
Al	0.384273	-1.560573	-3.329719
Al	0.757233	-1.169446	4.158003
Al	0.882559	0.058275	-5.495569
Al	1.205772	1.042320	-2.951028
Mg	-4.702040	0.835914	2.734613
Mg	-4.268073	-0.185258	-4.966078
Mg	-4.238485	-2.338108	3.806396
Mg	-3.728328	0.308711	6.020786
Mg	-3.700852	0.958419	-1.737404
Mg	-3.257953	3.011975	-4.504947
Mg	-2.950953	-1.384671	0.699571
Mg	-2.726476	-2.120923	-2.639354
Mg	-2.380919	2.804577	4.317049
Mg	-1.942754	1.778406	1.087780
Mg	-1.772381	1.116441	-7.002247
Mg	-1.663622	-0.175848	8.612294
Mg	-1.631112	-2.367844	5.991094
Mg	-1.569917	-2.050618	-5.818419
Mg	-1.177789	-3.362414	2.772147
Mg	-1.083718	3.066339	-1.902209
Mg	-0.665551	-4.572150	-3.724083
Mg	-0.309652	-3.162122	-0.545689
Mg	-0.199808	4.408886	2.192856
Mg	0.086055	3.177784	-5.059806
Mg	0.389666	-1.172193	-8.420482
Mg	0.557248	3.721639	5.518392
Mg	0.921217	1.905846	8.311562
Mg	1.104106	-4.189438	5.157827
Mg	1.305547	1.988308	0.207353
Mg	1.344448	-1.450268	7.321013
Mg	1.414207	2.061862	-7.948851
Mg	1.660228	-3.072345	-5.828831

Mg	2.078111	4.103837	-2.450609
Mg	2.078153	-3.140945	1.975990
Mg	2.288171	-1.080251	-0.757754
Mg	2.429558	-3.931875	-2.538450
Mg	2.681616	1.072981	5.504086
Mg	2.915660	3.358426	2.977669
Mg	3.107437	0.053817	2.305716
Mg	3.315758	2.164053	-5.058028
Mg	3.502743	-0.999873	-3.888088
Mg	3.529322	-0.523469	-7.223691
Mg	3.740464	-2.090129	4.863238
Mg	4.152037	1.546283	-1.715019

Al11Mg39

Al	-1.967609	0.223721	-0.932091
Al	-1.545768	-2.140032	-2.348872
Al	-0.939810	1.927966	3.558158
Al	-0.683282	-0.800289	3.700618
Al	-0.570470	0.257015	-3.316898
Al	-0.212783	0.520613	1.309769
Al	0.285418	1.810243	-1.196649
Al	0.524219	-0.913670	-1.015020
Al	1.000954	-2.002071	-3.481884
Al	1.544204	0.768237	3.439079
Al	2.133101	0.450568	-2.780901
Mg	-4.835476	1.556611	-0.753935
Mg	-4.365882	-1.872237	-0.769506
Mg	-3.956546	-3.485079	-3.899744
Mg	-3.919367	3.169362	3.520190
Mg	-3.736723	-0.096451	-3.597680
Mg	-3.380772	-2.594135	3.816976
Mg	-3.294566	0.226800	2.007883
Mg	-3.075452	0.437874	5.422272
Mg	-2.610816	-4.876192	-1.107387
Mg	-2.344614	2.875160	-2.725274
Mg	-2.058971	3.032218	0.648948
Mg	-1.830154	1.616762	-5.890011
Mg	-1.774404	3.550488	6.180944
Mg	-1.537925	-2.371335	0.930186
Mg	-1.492478	-1.791162	-5.560312
Mg	-1.231158	-2.282349	6.480547
Mg	-1.135960	5.129327	3.193394
Mg	-0.645727	-4.700360	-4.020354
Mg	-0.293099	-4.020470	3.662295
Mg	0.001226	4.962473	-1.321845
Mg	0.187294	0.793828	6.355934
Mg	0.685746	-4.067819	-0.946957
Mg	0.743989	3.058804	-4.123839
Mg	1.170933	3.371251	1.483561
Mg	1.290689	0.168720	-5.887159
Mg	1.433949	3.613247	4.892820
Mg	1.509611	-3.205789	-6.368482
Mg	1.652435	-2.052625	1.762966
Mg	1.938698	-1.890038	5.176322
Mg	2.822718	-4.601402	-3.555402
Mg	2.856496	0.723082	0.414173
Mg	3.044998	3.346313	-1.639752
Mg	3.424843	-2.138999	-1.268636
Mg	3.537171	1.075380	5.920697
Mg	3.929595	2.068267	-4.825877
Mg	3.969236	-1.450558	-4.562339
Mg	4.111970	2.682016	2.937232
Mg	4.415595	-0.704739	3.109445
Mg	5.224726	0.641456	-2.027600

Al12Mg38

Al	-1.956968	-0.765622	3.261985
Al	-1.918258	-0.272310	0.520330
Al	-1.269936	0.201510	-2.184287
Al	-0.606932	2.825550	-2.717100
Al	-0.527406	-2.424474	1.586864
Al	-0.205808	0.864259	-4.630301

Al	-0.139308	1.767654	-0.216604
Al	0.314171	0.225236	2.075401
Al	0.577726	-1.706972	3.993826
Al	0.601511	-0.912758	-0.438422
Al	1.383925	0.933551	-2.392365
Al	2.162039	-1.800111	1.697370
Mg	-4.684197	0.401400	1.875679
Mg	-4.588176	-1.950272	4.552872
Mg	-4.303540	-0.721852	-1.559526
Mg	-3.706811	-2.778870	1.363993
Mg	-3.558121	1.228726	5.131250
Mg	-3.334309	1.680753	-4.054667
Mg	-3.244454	2.344978	-0.764230
Mg	-2.999057	4.905817	-2.989899
Mg	-2.430773	-1.549105	-4.517316
Mg	-2.196880	0.786627	-7.111665
Mg	-2.016602	2.403374	2.332670
Mg	-1.831245	-3.904209	4.049538
Mg	-1.767751	-2.890256	-1.376187
Mg	-1.572922	-1.418707	6.352637
Mg	-1.482240	-5.383027	0.965798
Mg	-1.120321	3.756799	-5.696393
Mg	-1.001809	4.790034	-0.113069
Mg	-0.147742	1.355838	4.966027
Mg	0.259527	5.835694	-3.234950
Mg	0.277783	-1.535852	-6.685115
Mg	0.749792	-2.051949	-3.383946
Mg	0.850956	-3.986409	6.165822
Mg	1.122305	1.718470	-7.386460
Mg	1.193069	3.303682	2.275300
Mg	1.301483	-4.010802	-0.537837
Mg	1.304094	-4.680474	2.848126
Mg	1.855448	-0.783863	6.739965
Mg	2.054524	3.213726	-4.491935
Mg	2.081374	3.854094	-1.149860
Mg	2.903065	1.066123	0.444465
Mg	2.909269	-0.066205	-4.976735
Mg	2.924721	0.566489	3.798985
Mg	3.513158	-1.568000	-1.438737
Mg	3.613148	-2.712854	4.369091
Mg	4.237663	-4.105375	1.135082
Mg	4.455597	1.682263	-2.485766
Mg	4.734864	3.209332	2.278322
Mg	5.230355	-0.941655	1.751973

Al13Mg37

Al	-3.896971	2.399818	0.886101
Al	-2.413854	0.624104	-0.605001
Al	-1.916825	3.340438	-0.783360
Al	-1.254332	1.973941	1.542550
Al	-0.451250	-0.590627	0.917287
Al	-0.393682	-0.980728	-1.812996
Al	0.175305	1.570818	-0.782464
Al	0.599668	-2.924193	-0.071174
Al	1.478701	1.202432	1.663228
Al	1.850977	-1.587103	2.040788
Al	1.938588	-2.410817	-2.418826
Al	1.980593	-0.491797	-0.475380
Al	3.344390	-2.795055	-0.009025
Mg	-6.899733	2.831666	-0.038077
Mg	-6.100609	1.181008	2.845862
Mg	-5.457800	4.528802	2.642482
Mg	-5.375982	-0.323566	-0.255189
Mg	-4.504677	2.191245	-2.351433
Mg	-4.447499	5.200131	-0.599560
Mg	-3.296049	-1.192372	-3.114544
Mg	-3.230994	-0.467160	2.359147
Mg	-3.035704	2.415199	4.080242
Mg	-2.662205	-2.606811	-0.151756
Mg	-2.592516	4.751013	-3.539098
Mg	-2.158615	4.954980	2.011417
Mg	-1.411347	1.534671	-3.546039
Mg	-1.183228	6.420600	-0.915145

Mg	-1.000467	-5.598513	0.394116
Mg	-0.957268	-3.105625	2.762554
Mg	-0.908753	-4.005963	-2.671907
Mg	-0.334301	-0.018929	4.024877
Mg	-0.071605	-1.586236	-4.873022
Mg	0.439573	3.236916	3.925702
Mg	0.707158	4.036045	-2.644289
Mg	0.882631	4.256430	0.741466
Mg	1.682043	-2.773570	4.932631
Mg	1.816959	-4.641057	-4.633670
Mg	1.847278	0.765369	-3.395766
Mg	1.922385	-4.812291	2.104671
Mg	1.985916	-5.458566	-1.309703
Mg	3.021926	0.341912	4.311421
Mg	3.267737	2.409696	-0.805063
Mg	3.475177	-1.707914	-5.084642
Mg	3.678309	3.239491	2.536390
Mg	4.524637	0.057350	1.292125
Mg	4.582388	-2.864163	2.979124
Mg	4.661702	-0.591072	-2.069179
Mg	4.719141	-3.949346	-2.651292
Mg	4.887148	-5.479435	0.543891
Mg	6.485935	-2.501167	0.069528

Al14Mg36

Al	-2.762412	-1.762944	0.512792
Al	-2.094362	-0.198551	-1.780786
Al	-1.681547	2.575172	-1.242040
Al	-1.479680	0.672404	0.750858
Al	-0.843225	-3.796718	1.049887
Al	-0.742193	-1.418675	2.413127
Al	-0.188451	-1.593640	-0.342491
Al	0.306617	2.790711	0.710299
Al	0.422189	0.857219	-1.333951
Al	0.958336	3.434133	-1.875273
Al	1.191511	0.235244	1.315370
Al	1.653110	-2.485551	1.445998
Al	2.456850	-0.943425	-0.818944
Al	2.733947	1.852503	-0.308938
Mg	-5.729293	-1.939483	1.425115
Mg	-4.847392	-1.757112	-1.915165
Mg	-4.473642	1.084584	-0.074349
Mg	-4.126026	4.495149	-1.177563
Mg	-3.956972	1.816659	-3.360750
Mg	-3.847068	-4.729870	0.348446
Mg	-3.520541	0.111918	3.076369
Mg	-3.088988	-3.305535	3.340185
Mg	-2.748196	-1.199041	-4.656675
Mg	-2.703439	3.391134	1.749931
Mg	-1.928520	-3.476416	-2.116082
Mg	-1.605681	-6.347124	2.683456
Mg	-1.477307	4.781783	-3.499268
Mg	-1.354151	-1.200287	5.477706
Mg	-0.907614	-6.417694	-0.674892
Mg	-0.882845	5.548645	-0.241536
Mg	-0.667917	1.583243	-4.162878
Mg	-0.508798	1.602659	3.648515
Mg	0.171895	4.924302	3.000167
Mg	0.349543	-3.868181	4.066938
Mg	0.480336	-1.513197	-3.444715
Mg	1.444065	-4.028360	-1.403306
Mg	1.578554	6.433410	-2.486889
Mg	1.682225	3.977386	-4.880193
Mg	1.751723	-5.646070	1.531716
Mg	1.871546	-0.770461	4.215943
Mg	2.555533	4.985871	0.485110
Mg	2.688575	2.508667	2.889395
Mg	2.704678	1.031269	-3.450150
Mg	3.810428	-3.500671	3.441367
Mg	3.852357	-2.279358	-3.261703
Mg	4.121461	3.865475	-2.316137
Mg	4.237635	-0.341113	1.766658
Mg	4.419581	-3.273789	0.043398

Mg	5.309971	0.299895	-1.402352
Mg	5.413592	2.933830	0.838284

Al15Mg35

Al	-2.397775	1.235163	0.674885
Al	-2.207998	-1.420836	1.617532
Al	-1.911201	-0.888884	-1.170945
Al	-0.959353	0.696961	3.048981
Al	-0.900282	-0.011932	-3.618871
Al	-0.533321	1.557416	-1.416081
Al	-0.210276	-2.768671	0.143933
Al	-0.064210	-0.121436	0.651208
Al	0.081701	2.525455	1.160135
Al	0.390211	-1.773187	2.721404
Al	0.845727	-0.966729	-1.750845
Al	1.566525	1.271836	-3.136178
Al	1.811358	0.670776	2.404083
Al	2.065480	1.180543	-0.392773
Al	2.269208	-1.478366	0.629130
Mg	-5.068987	2.786643	0.650405
Mg	-4.864667	-0.670409	-0.044468
Mg	-4.682328	-2.915915	2.697764
Mg	-4.161621	0.533078	3.223029
Mg	-3.782442	-1.597828	-3.533788
Mg	-3.552815	1.603593	-2.325073
Mg	-3.219473	-3.681636	-0.443744
Mg	-2.950172	1.116053	-5.687907
Mg	-2.409208	3.550530	2.869165
Mg	-2.068907	4.188779	-0.566489
Mg	-2.040959	-1.750804	4.793875
Mg	-1.988515	1.638589	5.803887
Mg	-1.476415	-4.381776	2.571268
Mg	-1.311636	-1.883276	-6.085513
Mg	-0.939956	3.285688	-3.934222
Mg	-0.865878	-3.314543	-2.977215
Mg	-0.384265	-5.787800	-0.486560
Mg	0.265152	5.562515	1.694550
Mg	0.606983	1.147899	-6.154695
Mg	0.808934	3.119647	4.195810
Mg	0.912958	-3.672221	5.099575
Mg	1.035852	-0.149698	5.395987
Mg	1.295328	4.126514	-1.376262
Mg	1.781162	-1.694933	-4.594759
Mg	1.947501	-4.423558	1.811681
Mg	2.284979	-3.780324	-1.623341
Mg	2.370103	3.884902	-4.646725
Mg	3.113672	3.481471	1.516893
Mg	3.494149	-1.795183	3.543986
Mg	3.982261	-0.791563	-2.028596
Mg	3.982907	1.593318	4.393468
Mg	4.008671	0.885613	-5.044593
Mg	4.323079	2.620181	-1.947771
Mg	4.758871	0.470255	1.117505
Mg	4.949888	-3.011909	0.557277

Al16Mg34

Al	0.814148	-1.745839	-3.120480
Al	-1.989070	-1.377198	-2.906424
Al	-0.279514	0.615526	-2.196659
Al	2.019625	-0.450775	-1.000203
Al	1.864253	-3.164330	-0.901267
Al	1.480149	2.309760	-0.785731
Al	-0.490517	-1.890220	-0.741936
Al	-2.510582	0.026934	-0.541726
Al	-1.326797	2.610989	-0.509130
Al	-0.040282	0.466107	0.492912
Al	1.264993	-1.724081	1.423000
Al	2.445562	0.861511	1.454039
Al	-1.559969	-1.381738	1.766441
Al	0.368760	2.781531	1.770201
Al	-2.106545	1.381984	1.930162
Al	0.239641	0.293899	3.151086

Mg	2.294423	-1.595132	-5.830813
Mg	-0.905801	-3.040415	-5.422513
Mg	-0.627706	0.351600	-5.267534
Mg	-3.979109	-3.529485	-3.831774
Mg	2.213310	-4.487123	-3.799396
Mg	2.449428	1.132533	-3.697371
Mg	-0.052947	3.542232	-3.329766
Mg	-3.033519	1.768464	-3.186415
Mg	4.126189	-1.853329	-2.793678
Mg	-0.861393	-4.492039	-2.348394
Mg	3.218168	4.349307	-2.307611
Mg	-5.093191	-0.685913	-2.110302
Mg	-2.815633	5.026445	-1.707308
Mg	4.561907	1.401977	-0.928072
Mg	1.857073	-6.236390	-0.794787
Mg	-3.365452	-3.075308	-0.370756
Mg	0.433975	5.262528	-0.271089
Mg	-4.479161	2.424733	-0.010666
Mg	4.385470	-1.672195	0.674361
Mg	-0.495539	-4.406303	1.122664
Mg	3.324666	3.921961	1.233367
Mg	-4.651300	-0.588707	1.705091
Mg	-2.299055	4.563369	1.803621
Mg	2.812323	-4.352365	2.003245
Mg	5.307629	1.259276	2.520364
Mg	-3.276262	-3.537308	3.143525
Mg	0.834040	5.445057	3.249323
Mg	-4.498134	2.426738	3.564929
Mg	3.070909	-1.076743	3.918295
Mg	0.047676	-2.767977	4.150308
Mg	2.380589	2.393193	4.238983
Mg	-2.555311	-0.364848	4.585464
Mg	-1.096483	2.803886	4.605906
Mg	0.574366	0.074218	6.204516

Al17Mg33

Al	-1.821847	-1.528035	-3.862694
Al	-0.338335	0.878141	-3.666497
Al	-2.784113	0.528184	-2.319056
Al	1.778119	0.639817	-1.752376
Al	-0.489401	-0.932701	-1.691413
Al	-2.877635	-2.091148	-1.294345
Al	-0.695355	1.873376	-1.114569
Al	1.794872	-1.986713	-0.565814
Al	-2.261054	0.042445	0.348112
Al	1.592254	2.502944	0.393206
Al	0.448500	0.079601	0.579685
Al	-0.791691	-2.365351	0.648208
Al	3.115249	0.128173	0.724365
Al	-0.912850	2.129729	1.688875
Al	1.517664	-1.740221	2.216731
Al	-0.970368	-0.494038	2.787223
Al	1.437026	1.047297	2.849222
Mg	-0.200754	-0.637962	-6.437279
Mg	-3.031861	0.949638	-5.458716
Mg	2.636861	1.247228	-4.720696
Mg	1.577451	-1.847257	-3.842733
Mg	-4.993656	-1.344231	-3.626158
Mg	-3.328733	-4.295322	-3.515223
Mg	-2.083382	3.544652	-3.361110
Mg	-5.326077	2.124957	-3.041300
Mg	1.344818	3.652186	-2.695180
Mg	-0.278805	-4.017810	-2.108859
Mg	4.460246	-0.997649	-1.999219
Mg	3.244154	-4.329792	-1.947799
Mg	4.336401	2.390925	-1.246594
Mg	-5.294113	-0.209860	-0.361683
Mg	-3.530534	2.899248	-0.149901
Mg	-0.613294	4.824305	-0.051194
Mg	2.878803	5.285356	0.132942
Mg	-2.613230	-4.891972	0.183712
Mg	6.186148	0.190997	0.882423
Mg	1.274641	-4.723046	0.976406

Mg	4.329825	-2.826632	1.096096
Mg	-3.675562	-2.218609	1.994778
Mg	4.127751	2.706950	2.298098
Mg	-3.746386	1.160142	2.875991
Mg	-2.505483	4.465515	2.908248
Mg	1.057306	4.230609	3.022173
Mg	-0.784695	-3.598089	3.537263
Mg	4.074187	-0.528209	3.699911
Mg	2.738954	-3.840714	4.102354
Mg	-0.906239	1.934105	4.856648
Mg	0.951424	-1.008048	5.265432
Mg	-2.635978	-1.164589	5.285353
Mg	2.588778	2.161478	5.476951

Al18Mg32

Al	-0.369821	0.120483	-3.740343
Al	2.235611	0.072108	-2.543955
Al	0.657547	2.460201	-2.453674
Al	0.474762	-2.139594	-2.219673
Al	-2.076651	1.702262	-2.065095
Al	-2.174217	-1.138155	-1.925519
Al	-0.024295	0.265547	-1.122743
Al	2.178787	1.630806	-0.194062
Al	2.015590	-1.206216	-0.032953
Al	-0.563151	2.667358	0.110457
Al	-0.695936	-1.939632	0.336297
Al	-2.269576	0.413828	0.442942
Al	0.341335	0.469494	1.474930
Al	2.864117	0.203332	2.230007
Al	1.058008	-1.955586	2.488114
Al	-1.532331	1.865456	2.718311
Al	-1.575158	-0.960045	2.780542
Al	0.582640	0.344934	4.071547
Mg	1.927538	1.719125	-5.268807
Mg	1.789309	-1.777168	-5.105020
Mg	-1.297348	2.938298	-4.910652
Mg	-1.537735	-2.708262	-4.628275
Mg	-3.452918	0.204557	-4.522965
Mg	4.837467	-0.134414	-4.157714
Mg	1.046259	-4.899830	-3.438748
Mg	-4.424725	3.366657	-3.129526
Mg	-4.632970	-2.752705	-2.808409
Mg	3.848077	2.854858	-2.545665
Mg	3.611073	-2.826638	-2.199954
Mg	-1.434990	4.851947	-1.958956
Mg	-1.781175	-4.296478	-1.412366
Mg	-4.913447	0.395936	-1.253243
Mg	4.865659	-0.025722	-0.543370
Mg	1.744229	4.770990	-0.534258
Mg	1.404265	-4.290040	0.126541
Mg	-3.679182	3.204652	0.405321
Mg	-3.810312	-2.318610	0.705594
Mg	4.650428	2.708277	1.451180
Mg	4.161835	-2.650269	1.728530
Mg	-1.349103	4.976241	2.117547
Mg	-1.310033	-4.173223	2.411349
Mg	1.489417	3.201579	2.512694
Mg	-4.445385	0.604000	2.684387
Mg	1.941285	-4.677077	3.623610
Mg	-3.784147	-2.512281	4.259368
Mg	3.050157	-1.575804	4.900076
Mg	3.271048	1.785201	4.955977
Mg	-0.322051	-2.418782	5.334785
Mg	-0.270270	3.124023	5.349421
Mg	-2.319519	0.454381	5.496416

Al19Mg31

Al	1.700131	-0.386051	-3.037845
Al	-1.019063	-0.386951	-2.291976
Al	0.486382	-2.762395	-1.997561
Al	-2.142594	2.143079	-1.756313
Al	0.656578	1.826373	-1.635406

Al	3.147103	-2.036227	-1.167819
Al	3.208797	0.833471	-0.930990
Al	-3.360681	-0.230368	-0.714577
Al	1.036831	-0.646839	-0.465674
Al	-1.303855	-2.010393	0.057997
Al	-1.058324	0.732125	0.233099
Al	-0.638364	3.365480	0.352072
Al	1.240850	-3.009604	0.758736
Al	-3.168324	2.120283	0.938424
Al	1.412764	1.577846	1.122351
Al	2.922807	-0.788106	1.417602
Al	-2.603574	-0.479417	2.040841
Al	0.199815	-0.793330	2.164734
Al	-0.921665	1.742097	2.699831
Mg	2.433126	-0.065059	-5.990439
Mg	-0.413713	-1.936075	-4.942623
Mg	-0.422757	1.679148	-4.581604
Mg	2.807209	-3.171623	-4.127281
Mg	-3.360391	3.747775	-4.058484
Mg	-3.662751	0.202243	-3.859083
Mg	2.972839	2.537252	-3.615678
Mg	4.876806	-0.437914	-3.316549
Mg	-2.801960	-2.969049	-2.542029
Mg	-0.276069	4.675626	-2.532095
Mg	-5.313891	2.173386	-1.418951
Mg	2.455970	-5.145845	-1.280439
Mg	-3.244380	4.906993	-0.608101
Mg	2.525339	4.067442	-0.454732
Mg	-0.970682	-5.090863	-0.383251
Mg	5.797926	-0.731789	0.028568
Mg	-4.218349	-2.953382	0.699637
Mg	4.312553	-3.653441	1.309445
Mg	-5.663518	0.198176	1.427331
Mg	4.443326	2.060059	1.737687
Mg	1.439088	-5.724617	2.157631
Mg	-2.321835	4.612081	2.736704
Mg	1.195441	4.197606	2.820883
Mg	-1.336189	-3.465686	2.833195
Mg	5.081179	-0.914560	3.583930
Mg	2.006547	-2.668325	3.875078
Mg	-3.820487	1.699332	4.021990
Mg	-4.372265	-1.900002	4.095386
Mg	1.979146	0.913072	4.131953
Mg	-1.192593	-0.563062	4.941989
Mg	-0.730279	2.910028	5.522406

Al20Mg30

Al	2.590641	-0.465892	-3.974036
Al	0.296187	0.521410	-3.024977
Al	1.319933	-2.153379	-2.320568
Al	-1.498863	-1.560906	-2.200451
Al	2.729138	0.272282	-1.409756
Al	-1.834362	1.091624	-1.282919
Al	0.764648	2.213792	-0.810431
Al	0.312301	-0.497181	-0.547175
Al	-0.242833	-3.081862	-0.109707
Al	-1.541259	3.445500	0.250438
Al	2.359755	-1.956044	0.361017
Al	-2.170491	-1.115910	0.500391
Al	-3.362009	1.385940	1.067048
Al	-0.709525	1.105581	1.239362
Al	2.021536	0.696849	1.276795
Al	0.839908	3.201775	1.831137
Al	0.205664	-1.359225	2.077703
Al	-1.733422	2.720358	3.030818
Al	-2.104551	-0.132852	3.149939
Al	0.490948	0.991495	3.624714
Mg	0.897348	1.318418	-5.986054
Mg	-0.197884	-1.829415	-5.120103
Mg	2.766680	-3.546989	-4.714808
Mg	-2.602205	0.668265	-4.295748
Mg	-3.575514	-2.740109	-4.111558
Mg	2.515085	2.824808	-3.352688

Mg	5.323639	0.865199	-3.047132
Mg	-0.985965	3.577440	-3.036742
Mg	-0.650316	-4.551667	-2.924702
Mg	4.501055	-2.310686	-2.000656
Mg	-4.206560	3.128512	-1.491886
Mg	-4.567787	-0.438176	-1.432020
Mg	2.279206	-4.851700	-0.980073
Mg	-3.348241	-3.736360	-0.704503
Mg	0.916270	5.335427	-0.557542
Mg	3.655963	3.102275	0.044921
Mg	-0.879268	-6.032193	0.393578
Mg	5.008632	-0.111024	0.756773
Mg	4.727137	-3.590395	1.400099
Mg	-4.160982	4.375558	1.795742
Mg	-4.898715	-1.246371	2.044324
Mg	-0.986001	5.748255	2.371485
Mg	1.383520	-4.221037	2.436357
Mg	-2.112710	-3.407444	2.657077
Mg	3.397351	2.350051	3.555815
Mg	2.975953	-1.210615	3.575662
Mg	-4.587217	1.669583	3.986825
Mg	0.548219	3.893656	4.921685
Mg	-0.193315	-1.728232	5.167753
Mg	-1.676722	1.371612	5.918775

Al21Mg29

Al	-2.450353	0.171939	3.966477
Al	-2.258974	-0.066551	-0.658328
Al	-1.903343	1.567347	1.651468
Al	-1.816221	-1.305522	1.798272
Al	-1.779311	1.174532	-3.133911
Al	-1.688747	-1.687615	-2.899593
Al	-0.766357	-1.993428	4.186795
Al	-0.647992	2.291116	-0.793650
Al	-0.492442	-2.339939	-0.426683
Al	0.158726	0.115627	0.697579
Al	0.162752	0.388926	3.300799
Al	0.211802	-0.104485	-1.892041
Al	0.279001	-0.319478	-4.497972
Al	0.814986	2.556836	1.599802
Al	0.918276	2.145082	-3.144028
Al	0.941731	-2.095151	2.024049
Al	1.066049	-2.484959	-2.760304
Al	2.105771	1.495121	-0.670651
Al	2.191926	-1.366370	-0.422031
Al	2.588567	0.283284	1.835833
Al	2.678662	-0.119756	-2.912288
Mg	-4.679914	-0.043326	1.414250
Mg	-4.585411	-0.321220	-2.738198
Mg	-4.239464	2.727133	3.383559
Mg	-3.908177	-2.754779	3.527264
Mg	-3.783812	2.654426	-0.872324
Mg	-3.593023	-2.918285	-0.459350
Mg	-2.866827	-1.639375	6.532566
Mg	-2.672649	-0.506108	-5.682390
Mg	-1.573452	4.661166	1.055371
Mg	-1.417260	4.347429	-3.027170
Mg	-1.285062	-4.413181	1.859612
Mg	-1.112232	-4.783461	-2.280648
Mg	-0.951828	3.160698	4.261122
Mg	-0.701288	2.389073	-5.866856
Mg	-0.525283	-3.268039	-5.400256
Mg	-0.199475	0.414101	6.359421
Mg	1.297758	-4.402036	4.111141
Mg	1.505142	4.574252	-0.958251
Mg	1.545590	5.332942	2.638817
Mg	1.776047	-4.476917	-0.129902
Mg	2.462366	-1.230258	4.703958
Mg	2.486346	2.263369	4.329536
Mg	2.664870	1.413244	-5.699750
Mg	2.775378	-2.081492	-5.410376
Mg	3.988804	3.091620	1.244720
Mg	4.040264	2.778284	-2.771075

Mg	4.088568	-2.529904	1.814838
Mg	4.200418	-2.879973	-2.290181
Mg	4.949095	0.134063	-0.499043

Al22Mg28

Al	-3.617806	0.276046	0.572773
Al	-3.117358	-2.418006	-0.442774
Al	-2.608577	-1.737409	2.386432
Al	-2.375970	-0.135696	-2.023917
Al	-1.544397	0.921392	2.464666
Al	-1.466068	1.920193	-0.180509
Al	-1.217604	-0.808711	0.352789
Al	-0.752397	-3.390714	0.908789
Al	-0.580600	-2.361972	-1.788347
Al	-0.195411	-0.637387	-3.967000
Al	0.071813	3.207333	1.788999
Al	0.189066	-1.345643	2.669743
Al	0.282394	0.304446	-1.590490
Al	0.786974	0.783839	1.013539
Al	1.072656	1.187080	3.599804
Al	1.246077	2.741943	-0.829944
Al	1.362980	-1.773305	0.138948
Al	2.057639	-1.557693	-2.488038
Al	2.114610	1.197763	-3.205475
Al	2.842215	2.316676	1.521669
Al	2.864822	-0.517049	2.101023
Al	2.921575	0.420336	-0.633931
Mg	-5.643550	-1.977763	1.465657
Mg	-5.441876	-0.813028	-1.861808
Mg	-4.428377	0.552303	3.652183
Mg	-4.185495	2.485684	-1.648948
Mg	-3.497152	-4.729566	1.715114
Mg	-3.319982	3.432202	1.799603
Mg	-2.961027	-2.733309	-3.743501
Mg	-2.942090	0.463187	-5.050287
Mg	-1.905553	-5.205456	-1.431052
Mg	-1.345154	-0.487155	5.255440
Mg	-1.225933	3.096372	4.707857
Mg	-1.021929	2.623067	-3.221947
Mg	-1.019473	5.000995	-0.605331
Mg	-0.972389	-3.902883	4.063311
Mg	0.550150	-3.686082	-4.396997
Mg	0.648232	1.660373	-5.967198
Mg	1.599735	-4.593502	-1.132489
Mg	1.930500	4.334338	-3.444128
Mg	2.094731	4.170058	4.016463
Mg	2.170291	-1.406365	5.099061
Mg	2.210239	-3.770434	2.381789
Mg	2.261644	5.307270	0.677624
Mg	2.641446	-1.045547	-5.493295
Mg	4.192586	1.379493	4.249666
Mg	4.357423	3.081105	-1.331005
Mg	4.384882	-2.380887	-0.214556
Mg	4.950290	-0.190386	-2.946569
Mg	5.581196	0.742454	1.036595

Al23Mg27

Al	1.327124	-0.671589	-3.324210
Al	-0.915798	0.423804	-2.103516
Al	1.538200	1.826698	-1.899044
Al	-0.489553	-2.367542	-1.861253
Al	3.629717	-0.110462	-1.602599
Al	2.329832	-2.799295	-1.578337
Al	-1.002348	3.143647	-1.541290
Al	-3.097095	-1.189079	-1.502291
Al	1.245971	-0.608378	-0.665026
Al	-2.744687	1.325730	-0.135376
Al	1.269141	3.755369	0.204154
Al	-2.153306	-3.323707	0.267795
Al	-0.043320	1.503126	0.321735
Al	-1.202619	-0.894819	0.343318
Al	2.668922	1.303487	0.698071

Al	0.641175	-2.890879	0.735847
Al	3.175502	-1.526844	0.920950
Al	-1.476544	3.434132	1.334752
Al	-3.598984	-0.955994	1.374297
Al	0.915874	-0.423891	2.103524
Al	-1.613956	0.802402	2.461791
Al	0.845795	2.288217	2.703938
Al	-1.248879	-2.044443	2.742919
Mg	-0.105408	2.083494	-4.595960
Mg	-1.730717	-1.278284	-4.565699
Mg	3.453447	1.485973	-4.356011
Mg	0.949676	-3.692926	-4.309229
Mg	4.074910	-2.007285	-4.123235
Mg	-3.538101	1.682014	-3.182393
Mg	1.413430	4.827313	-2.794371
Mg	-2.924877	-4.146082	-2.713760
Mg	4.274213	3.180223	-1.220181
Mg	0.154073	-5.342317	-1.143382
Mg	5.451576	-2.644042	-0.961740
Mg	-3.874923	4.208731	-0.616908
Mg	-5.709457	0.414257	-0.582649
Mg	-0.853867	6.064892	-0.350739
Mg	-5.285814	-3.102115	-0.268363
Mg	5.684508	0.453741	0.768199
Mg	3.180980	-4.725154	0.814862
Mg	3.644127	3.794959	2.329845
Mg	-4.428311	2.162091	2.363532
Mg	-0.694265	-5.178542	2.410582
Mg	0.522280	5.427763	2.810878
Mg	-3.909525	-3.739018	2.893212
Mg	3.477503	0.425437	3.633353
Mg	1.852136	-2.936494	3.663613
Mg	-1.644152	3.176056	4.507580
Mg	-3.478384	-0.618162	4.541804
Mg	0.044779	0.023788	5.047010

Al24Mg26

Al	-1.451916	-0.016065	-3.343239
Al	0.091546	2.150770	-2.178243
Al	0.981881	-0.530978	-2.066731
Al	-2.776650	2.147983	-1.858367
Al	2.871113	1.454320	-1.745697
Al	-1.177258	-2.233878	-1.624849
Al	-3.593729	-0.721776	-1.451924
Al	1.453719	-3.134152	-1.161761
Al	-1.315824	0.338457	-0.695690
Al	-3.270524	-3.441613	-0.563273
Al	1.613369	3.634885	-0.249204
Al	2.928821	-0.893838	-0.048196
Al	1.068239	1.124160	0.184009
Al	-1.076081	2.843602	0.367275
Al	0.305737	-1.401593	0.521687
Al	-0.714234	-3.811801	0.709916
Al	-3.367130	1.120474	0.832146
Al	-2.386269	-1.516381	1.011106
Al	3.435956	1.679149	1.119084
Al	1.994249	-2.971606	1.723423
Al	-0.919022	0.597002	2.077553
Al	0.966427	2.584443	2.406730
Al	1.761234	-0.201040	2.497359
Al	-0.461340	-1.997703	3.013651
Mg	1.454666	0.919692	-4.759770
Mg	-1.603371	2.857699	-4.726300
Mg	0.395530	-2.641586	-4.302165
Mg	-4.398386	0.665318	-4.190870
Mg	-3.304032	-2.780490	-3.822981
Mg	2.209249	4.153060	-3.333240
Mg	3.742350	-1.535206	-3.042294
Mg	-0.954254	-5.302435	-2.058506
Mg	-1.023635	5.048231	-1.843565
Mg	-5.821221	1.509697	-1.088982
Mg	4.740828	3.825785	-0.846641
Mg	5.707930	0.398811	-0.706761

Mg	4.450199	-3.638468	-0.181524
Mg	-3.898129	4.219418	0.276243
Mg	1.684816	-5.862743	0.376319
Mg	-5.492489	-1.481555	0.948458
Mg	-0.087925	5.516010	1.674821
Mg	3.326689	4.664820	2.236444
Mg	4.740317	-1.136854	2.483649
Mg	-3.142438	-4.003718	2.712633
Mg	-2.242707	3.113470	3.300557
Mg	0.262199	-5.018478	3.478227
Mg	-3.320032	-0.436674	3.798611
Mg	3.410617	1.761750	4.301501
Mg	2.155729	-2.276888	4.821242
Mg	0.045185	0.658511	5.018130

Al25Mg25

Al	-4.400093	1.100748	-1.513442
Al	-3.811071	-0.080166	1.058648
Al	-2.547843	-0.771687	-1.409928
Al	-2.429449	-2.652875	0.700017
Al	-2.273906	1.963997	-0.216757
Al	-2.014940	-1.204741	3.224491
Al	-1.997302	1.664155	2.582901
Al	-1.991735	1.526762	-3.043034
Al	-1.202036	-0.288153	0.936576
Al	-0.590627	-1.045563	-3.443817
Al	-0.209258	-2.180662	-0.895530
Al	-0.204242	0.616535	-1.366699
Al	-0.155616	3.298051	-1.549372
Al	0.223174	2.138757	0.988383
Al	0.234628	-2.424300	1.877758
Al	0.498446	0.211504	3.027372
Al	1.009154	1.439036	-3.531163
Al	1.418320	-0.364619	0.510455
Al	1.922165	-0.902228	-2.136896
Al	2.196108	1.833472	-0.943752
Al	2.371335	-2.792937	-0.080640
Al	2.803419	1.524084	1.802195
Al	2.860224	-1.346941	2.431757
Al	3.749600	0.862672	-2.838926
Al	3.939145	-0.306419	-0.201754
Mg	-5.335195	-2.036196	-0.884293
Mg	-4.852683	-2.603443	2.686115
Mg	-4.841978	2.889555	1.264164
Mg	-4.532778	0.591911	4.079859
Mg	-3.830809	-0.728876	-4.241874
Mg	-3.336333	4.207937	-2.088634
Mg	-2.414244	-3.706402	-2.494888
Mg	-1.774773	-4.368486	3.312186
Mg	-1.573928	4.685695	1.165165
Mg	-1.257492	0.799469	5.566272
Mg	-0.947443	0.770181	-5.963124
Mg	-0.626013	3.978765	-4.563714
Mg	-0.118954	-5.074299	0.177541
Mg	0.716310	3.271904	3.817807
Mg	0.739372	-2.232247	4.948329
Mg	1.285408	-3.814395	-3.096598
Mg	2.125513	4.577696	0.563436
Mg	2.242507	-0.906450	-5.229678
Mg	2.480951	-4.492564	2.620296
Mg	2.737102	4.030351	-3.076612
Mg	2.998247	0.675287	4.874234
Mg	4.655956	-2.327945	-2.509076
Mg	5.149179	2.597797	-0.360767
Mg	5.297345	-2.899550	1.035772
Mg	5.617131	0.295824	2.429241

Al26Mg24

Al	-1.908297	-1.454923	-4.138837
Al	0.033744	0.683324	-3.899505
Al	2.510224	-0.340552	-2.650870
Al	0.067996	-1.791952	-2.434459

Al	1.918157	2.540778	-2.353541
Al	-1.017792	2.805535	-2.130094
Al	-2.161189	0.195968	-2.105417
Al	-2.548487	-2.600584	-1.554499
Al	0.411198	0.679109	-1.317255
Al	-0.095514	-3.654422	-0.284512
Al	1.770673	-1.579003	-0.261406
Al	2.862727	0.962656	-0.141870
Al	-1.024629	-1.146934	-0.013296
Al	3.187315	3.567540	0.041419
Al	0.633436	2.950505	0.187201
Al	-3.623492	-0.508270	0.236261
Al	-1.770653	1.578909	0.261348
Al	0.613509	0.467681	1.330515
Al	-2.315665	-2.843824	1.491479
Al	0.413210	-2.152651	2.082686
Al	2.877386	-0.724240	2.154145
Al	2.281929	2.160576	2.408068
Al	-1.816047	-0.164748	2.411773
Al	-0.650733	2.421816	2.674965
Al	0.630257	0.059886	3.908091
Al	-1.278908	-2.112620	4.097480
Mg	1.186804	-1.866183	-5.332859
Mg	2.860099	1.424435	-5.197807
Mg	0.265415	3.738226	-4.814828
Mg	-2.817722	1.704766	-4.741845
Mg	-0.938021	-4.568112	-3.403551
Mg	-4.942339	-0.997094	-2.812360
Mg	2.543123	-3.710636	-2.395493
Mg	4.988962	1.881619	-2.213735
Mg	0.984504	5.452475	-1.622449
Mg	-4.287322	2.380712	-1.387397
Mg	4.871915	-1.415256	-0.485475
Mg	-2.597162	-5.515754	-0.241910
Mg	-5.191759	-3.201905	0.141134
Mg	-1.958797	4.675848	0.522981
Mg	2.830886	-4.011061	1.368275
Mg	5.288264	1.568544	1.704108
Mg	1.283617	5.139659	2.294985
Mg	-3.999824	2.080044	2.376651
Mg	-0.468220	-5.058877	2.742287
Mg	-4.472710	-1.487886	3.333353
Mg	1.955774	-2.669682	4.730561
Mg	3.628890	0.620864	4.865347
Mg	1.034145	2.934645	5.248387
Mg	-2.048877	0.901045	5.321772

Al₂₇Mg₂₃

Al	-3.811702	1.009594	-0.447037
Al	-3.420663	-1.991975	0.171918
Al	-2.912655	3.732560	-0.883773
Al	-2.908673	0.079572	2.248086
Al	-2.596173	-0.802939	-2.445170
Al	-1.848146	-4.351767	0.736629
Al	-1.676915	2.326958	0.993101
Al	-1.527359	-0.218196	-0.019601
Al	-1.505420	1.760679	-1.877922
Al	-1.099983	-2.106311	1.891708
Al	-0.968944	0.769384	-4.277862
Al	-0.921187	-2.684646	-1.071435
Al	-0.137423	0.459935	2.352632
Al	-0.017933	3.889279	-0.788300
Al	0.159855	-0.478488	-2.259610
Al	0.607674	1.402379	-0.211710
Al	0.938554	-1.198777	0.318180
Al	0.942469	3.002628	1.901624
Al	0.985963	-3.761498	0.793159
Al	1.172842	2.058181	-2.784279
Al	1.551660	-1.703711	2.872139
Al	1.834565	-2.629722	-1.794899
Al	2.521946	0.642792	1.565780
Al	2.692503	0.058409	-1.396760
Al	2.826020	2.749477	-0.390144

Al	3.435759	-1.901996	0.572542
Al	4.738678	0.648045	0.143738
Mg	-5.888833	-0.455675	1.487845
Mg	-5.657279	-1.108470	-1.951126
Mg	-4.579986	2.962218	1.899333
Mg	-4.088142	1.878096	-3.551550
Mg	-3.800505	-3.035574	3.113444
Mg	-3.460647	-4.046527	-2.208936
Mg	-1.589183	2.580371	4.109929
Mg	-1.420838	5.360078	1.615270
Mg	-1.130386	4.123470	-3.817524
Mg	-1.117333	-1.106499	4.858186
Mg	-0.645990	-2.674412	-4.270984
Mg	-0.155799	-4.500868	3.626526
Mg	0.162266	-5.519335	-1.690822
Mg	1.905449	1.187640	4.586232
Mg	2.151128	5.646846	0.764609
Mg	2.246831	-0.477690	-4.531608
Mg	2.325232	4.950694	-2.669139
Mg	3.431530	-4.187430	2.810425
Mg	3.642271	-4.870486	-0.604724
Mg	4.259871	3.082503	2.388208
Mg	4.534794	2.022523	-2.928422
Mg	4.766132	-0.765214	3.183264
Mg	5.054104	-1.806101	-2.131170

Al28Mg22

Al	0.418566	1.257550	-3.347470
Al	-3.182327	-1.859042	-2.956011
Al	-2.432088	0.954283	-2.832344
Al	3.234488	1.262768	-2.788215
Al	-0.657305	-1.235542	-2.543883
Al	-0.974490	3.358377	-1.862091
Al	1.164913	-3.092710	-1.463443
Al	1.680872	-0.361503	-1.442453
Al	1.571242	2.373738	-1.025568
Al	-1.664531	-3.343011	-0.951594
Al	-0.678319	0.953883	-0.837706
Al	-2.805471	-0.768768	-0.589161
Al	0.813865	4.795511	-0.257402
Al	-3.036028	2.050831	-0.212713
Al	3.604962	0.752803	0.149271
Al	-0.233929	-1.415789	0.209213
Al	2.386897	-1.806704	0.722821
Al	-0.544930	2.891130	1.049060
Al	0.284931	-3.758281	1.238417
Al	1.150699	0.776852	1.307787
Al	2.390390	3.201996	1.369659
Al	-1.767343	0.405444	1.664954
Al	-2.245978	-2.348888	1.712196
Al	0.202006	-1.252583	2.859725
Al	2.973855	-0.355700	2.916204
Al	2.218511	-2.992214	3.097624
Al	-0.296519	1.506434	3.570027
Al	2.229107	2.037867	3.727279
Mg	-1.471969	-0.508049	-5.459559
Mg	-1.471312	3.117435	-4.998734
Mg	1.953231	-1.424533	-4.368438
Mg	-0.857505	-4.006770	-3.939592
Mg	1.702498	4.235324	-3.482684
Mg	-4.042797	3.706504	-2.670644
Mg	-5.387220	0.379102	-1.904859
Mg	4.387453	-1.785255	-1.812689
Mg	0.104935	-6.003765	-1.028125
Mg	4.396176	3.719572	-1.016591
Mg	-4.753257	-3.186681	-0.353231
Mg	-2.392879	5.273338	0.204598
Mg	3.192693	-4.800905	0.512157
Mg	-2.422798	-5.447118	1.337136
Mg	5.383142	-1.759394	1.582488
Mg	-4.829032	-0.123200	1.708731
Mg	5.160506	2.014052	2.557549
Mg	-3.110180	2.968262	2.923424

Mg	0.453962	4.732065	3.341235
Mg	-0.729169	-3.912114	4.217325
Mg	-2.444257	-0.715144	4.535208
Mg	1.371735	-0.461455	5.631110

Al29Mg21

Al	-0.720185	-0.325231	-4.734984
Al	1.741484	0.030896	-3.890677
Al	-1.803928	1.638315	-3.349817
Al	-1.301083	-2.240223	-3.069858
Al	3.816777	-1.443447	-2.866861
Al	0.837765	2.499709	-2.436925
Al	1.392509	-2.232489	-2.066495
Al	-0.145997	0.033070	-1.945954
Al	2.740256	0.552397	-1.466316
Al	-2.785110	-0.364114	-1.353396
Al	-1.604231	2.289495	-0.788321
Al	-0.911843	-2.324099	-0.460692
Al	3.690683	-1.863161	-0.132334
Al	0.952781	1.766426	0.143601
Al	0.116334	4.252189	0.191502
Al	1.307181	-0.915140	0.286514
Al	1.397974	-3.567676	0.550153
Al	-1.123187	0.097302	0.728311
Al	-3.456211	1.219827	1.134779
Al	3.312288	0.727031	1.262803
Al	-1.378790	-4.196952	1.304189
Al	-2.946856	-1.729641	1.339831
Al	-1.067170	2.506534	1.963154
Al	-0.264888	-2.020262	2.323536
Al	1.680830	3.040841	2.376630
Al	2.517740	-1.780477	2.529564
Al	0.882051	0.458078	2.622214
Al	-1.822347	0.104258	3.338076
Al	-0.088333	2.119932	4.414215
Mg	0.428133	2.497743	-5.544056
Mg	1.261384	-2.856939	-5.100213
Mg	-3.846112	-0.679477	-4.289864
Mg	3.854885	2.318909	-3.769346
Mg	-1.333746	4.791045	-2.668951
Mg	-4.579383	2.228140	-1.780433
Mg	-0.226527	-5.066124	-1.776945
Mg	3.482301	-4.543347	-1.768327
Mg	-3.641538	-3.579492	-1.203291
Mg	5.785428	0.388904	-0.926589
Mg	3.344149	3.623725	-0.418674
Mg	-5.624146	-0.780323	-0.074324
Mg	-3.146727	4.524233	0.771483
Mg	5.591045	-1.199676	2.324420
Mg	-0.379541	5.233793	3.308552
Mg	-4.929887	-0.405363	3.434423
Mg	1.073112	-4.568041	3.519138
Mg	-3.318639	2.783815	4.087853
Mg	-2.529813	-3.041035	4.188868
Mg	3.262645	1.097582	4.457785
Mg	0.506480	-1.101460	5.282047

Al30Mg20

Al	-3.950397	0.804049	-0.445378
Al	-3.780160	-1.962769	-0.780567
Al	-2.990417	-0.780990	1.570895
Al	-2.633394	1.204197	-2.822286
Al	-2.485841	-1.602272	-3.144216
Al	-1.717515	1.681079	0.966098
Al	-1.558626	-0.402708	-0.878455
Al	-1.520159	0.489316	3.529566
Al	-1.432510	-2.856187	0.413696
Al	-1.388163	-2.334171	3.170219
Al	-0.473758	2.427100	-4.100517
Al	-0.400811	2.104261	-1.423437
Al	-0.370795	4.093596	0.537646
Al	-0.292485	2.889436	3.013924

Al	-0.243764	-0.092201	-3.351033
Al	-0.160925	-0.650522	1.465211
Al	-0.086118	-2.501132	-1.981867
Al	1.075799	1.720907	0.948833
Al	1.183319	-0.242776	-0.948731
Al	1.222984	0.619593	3.500015
Al	1.331553	-2.200148	3.135873
Al	1.333492	-2.718542	0.346440
Al	1.921734	1.614321	-2.844504
Al	1.967072	3.536886	-0.864362
Al	1.984861	4.082175	1.866483
Al	2.175170	-1.277126	-3.230971
Al	2.685541	-0.575269	1.449895
Al	3.435214	1.275765	-0.488430
Al	3.458493	1.857930	2.298478
Al	3.590796	-1.521110	-0.919003
Mg	-6.112616	-0.895431	1.104354
Mg	-5.411239	-0.360177	-3.021224
Mg	-4.257476	1.999523	2.667866
Mg	-4.017550	-3.789870	1.914293
Mg	-4.007730	-1.183585	4.539152
Mg	-3.121743	3.819251	-1.058651
Mg	-2.461775	-4.606245	-2.027188
Mg	-2.208279	0.253149	-5.804773
Mg	-0.152450	5.133939	-2.523939
Mg	-0.094106	-2.708816	-5.115108
Mg	-0.041273	-1.142764	5.820820
Mg	0.100896	-4.997910	2.182089
Mg	1.601102	0.594140	-5.821705
Mg	2.241355	3.241801	4.931000
Mg	2.536383	-4.276016	-2.152223
Mg	3.970350	-0.665283	4.332249
Mg	4.064302	-3.395064	1.743225
Mg	4.844803	3.992478	0.389658
Mg	4.863202	0.414754	-3.166332
Mg	5.783656	-0.110558	1.076922

Al31Mg19

Al	-4.276047	-0.662743	-0.771249
Al	-3.420341	-0.990151	1.906010
Al	-3.338619	1.458979	0.644890
Al	-2.701800	-2.713098	-1.587874
Al	-2.605829	1.193347	-2.035066
Al	-2.604079	3.662418	-0.756051
Al	-1.828120	-3.101416	1.043568
Al	-1.752151	3.335563	1.856536
Al	-1.638707	-0.633872	-0.154555
Al	-1.339919	-1.907205	3.442212
Al	-1.240721	0.677260	2.400309
Al	-0.953228	-0.871059	-2.812419
Al	-0.630627	1.861135	-0.147898
Al	-0.070651	4.152956	-1.542575
Al	-0.042592	1.697246	-2.852366
Al	-0.026344	-2.793040	-1.077908
Al	0.415988	-1.428355	1.399351
Al	0.756329	-4.156439	1.100046
Al	0.821376	3.844343	1.070137
Al	0.932961	-0.311212	3.905870
Al	1.096610	-0.181985	-0.983305
Al	1.170472	-2.998114	3.507014
Al	1.377932	1.175665	1.613279
Al	1.665058	-1.908613	-3.020838
Al	1.993401	2.412206	-1.051389
Al	2.486465	0.737108	-3.165143
Al	2.565705	-2.371910	-0.114032
Al	2.965564	-1.285546	2.339027
Al	3.415928	2.973902	1.109780
Al	3.523597	0.373305	0.246042
Al	3.993695	-1.059811	-1.966853
Mg	-5.499543	2.298161	-1.477362
Mg	-4.932880	-3.474571	0.591584
Mg	-4.032128	1.739304	3.631436
Mg	-3.918951	-0.951649	-3.958479

Mg	-2.206848	3.739292	-3.920290
Mg	-1.620647	0.334827	5.601983
Mg	-1.431603	-5.619332	-0.814540
Mg	-1.240190	-5.099455	3.424979
Mg	-1.239621	6.220823	0.585244
Mg	-0.793015	-3.793117	-3.994123
Mg	0.487555	2.902786	4.112178
Mg	0.510173	-0.111224	-5.478356
Mg	2.061111	3.813705	-3.936621
Mg	2.177052	-4.913011	-1.864809
Mg	2.785130	5.485676	-0.803758
Mg	3.713927	-4.390112	2.141868
Mg	3.740894	1.364167	3.788619
Mg	5.053664	2.148483	-1.815004
Mg	5.674616	-1.875618	0.640903

Al32Mg18

Al	-3.987879	1.034508	-1.032090
Al	-3.554311	-0.613647	3.589656
Al	-3.099001	-1.697251	-0.891439
Al	-2.782234	-2.649975	1.672739
Al	-2.754378	-0.349396	-3.282344
Al	-2.677077	0.162726	1.236110
Al	-2.252332	2.417540	-2.732603
Al	-2.009655	2.733408	0.295616
Al	-1.634558	1.618892	3.285609
Al	-1.378318	0.479060	-1.110597
Al	-1.233731	-3.882086	-0.490597
Al	-0.988677	-1.088700	3.167847
Al	-0.654245	-1.468470	0.480098
Al	-0.559334	-1.869203	-2.252703
Al	-0.120002	0.566686	-3.482183
Al	-0.042548	-3.561051	2.026851
Al	0.105618	1.191865	1.262649
Al	0.109920	3.191554	-4.021815
Al	0.232495	2.529430	-1.440573
Al	0.627044	3.880553	0.761356
Al	0.813374	2.976396	3.245878
Al	0.969351	0.499279	4.121946
Al	1.380272	-0.021021	-0.868180
Al	1.463624	-1.152146	2.031558
Al	1.492302	-2.740989	-0.511025
Al	1.973296	-1.235720	-3.188395
Al	2.288387	1.761658	-3.039376
Al	2.714960	1.259435	2.106732
Al	2.728399	2.260973	-0.335706
Al	2.769654	-3.417747	1.747804
Al	3.591756	-1.018932	0.513853
Al	3.970329	0.138860	-1.833747
Mg	-5.564109	-1.060100	1.026267
Mg	-4.626348	2.343739	2.151308
Mg	-2.917850	-3.680620	-3.296261
Mg	-2.224080	-3.557386	4.604224
Mg	-2.051139	1.559021	-5.784253
Mg	-1.770508	4.755928	2.706049
Mg	-1.561314	0.072818	6.055469
Mg	-1.301339	5.246066	-1.600707
Mg	-0.578399	-1.875513	-5.373892
Mg	0.959874	-4.431269	-3.100922
Mg	1.247156	-5.820450	0.231281
Mg	1.297520	-2.715570	4.779944
Mg	1.809874	0.755775	-5.924047
Mg	2.226311	4.869634	-2.085024
Mg	3.494399	4.321735	2.021443
Mg	4.145968	-1.069033	3.692007
Mg	4.308726	-3.064500	-1.797275
Mg	5.602757	1.413238	0.661458

Al33Mg17

Al	-3.737201	-1.447457	-1.760278
Al	-3.658052	1.116767	-2.524426
Al	-3.516326	-2.122303	0.904095

Al	-3.395345	3.051566	-0.664439
Al	-3.146902	-0.089516	2.740976
Al	-3.042169	2.480339	1.962786
Al	-2.341663	0.464032	-0.059708
Al	-1.366696	-2.150724	-0.768058
Al	-1.341586	-0.317941	-2.690525
Al	-1.252861	-3.000177	-3.320750
Al	-1.229407	-4.088436	1.202316
Al	-1.216272	2.276712	-2.210154
Al	-1.049102	-1.425312	1.768931
Al	-0.893409	2.967582	0.324242
Al	-0.705484	1.130111	2.224478
Al	-0.275832	-0.666317	4.245204
Al	-0.233744	3.662434	2.909975
Al	0.112357	-4.407263	-1.349997
Al	0.319343	-1.181924	-4.640124
Al	0.401692	0.357749	-0.381577
Al	0.715264	-3.012343	3.152353
Al	0.884712	4.904269	0.783085
Al	0.973786	-2.626850	0.491022
Al	1.024179	-1.781591	-2.120072
Al	1.119987	0.905757	-2.997708
Al	1.179755	3.261471	-1.405046
Al	1.354052	1.577543	3.912035
Al	1.570429	-0.453706	2.077433
Al	1.689150	2.279455	1.218836
Al	2.834488	-3.630207	-1.115849
Al	2.992954	-1.035580	-0.265561
Al	3.037145	1.408189	-1.064195
Al	3.224590	-2.680373	1.904077
Mg	-5.381918	0.592118	0.352988
Mg	-3.305286	-1.177519	-4.945682
Mg	-3.218420	-4.635512	-1.283793
Mg	-2.524873	-3.049260	3.988596
Mg	-2.365574	5.538088	1.454335
Mg	-1.931412	1.954863	5.021316
Mg	-1.199111	5.390673	-1.770535
Mg	-1.171299	1.609429	-5.245960
Mg	1.692968	-4.100334	-4.144808
Mg	1.712610	-5.552394	1.304687
Mg	2.829701	4.358312	3.337922
Mg	2.853228	-1.224302	4.825253
Mg	3.260181	3.062294	-3.776889
Mg	3.724406	-0.939232	-3.380298
Mg	3.904015	4.274158	-0.057540
Mg	4.412169	0.784843	1.956173
Mg	5.676782	-2.612185	-0.119142

Al34Mg16

Al	-4.004245	-0.201910	-1.037569
Al	-3.928327	-1.050039	2.027156
Al	-3.324660	2.454186	-1.200693
Al	-3.234265	1.216030	3.438552
Al	-2.972099	3.502005	1.624199
Al	-2.575689	-2.032080	-2.413371
Al	-2.479054	0.931738	0.896033
Al	-2.089552	-3.173060	2.364957
Al	-1.985033	-1.547224	0.230704
Al	-1.451673	-4.179040	-0.169995
Al	-1.205503	0.470492	-1.699787
Al	-1.131242	-0.593082	2.769711
Al	-1.102462	3.233182	-2.657826
Al	-0.889825	2.780166	-0.022768
Al	-0.814047	2.236414	2.694948
Al	-0.435392	-1.282945	-3.959544
Al	-0.368583	4.728567	1.719984
Al	-0.072058	-2.209565	-1.425957
Al	0.302640	1.386552	-4.025490
Al	0.385400	-2.524391	1.297890
Al	0.469052	0.173603	0.513051
Al	0.784070	4.742589	-0.746761
Al	1.224257	2.222268	-1.525201
Al	1.258170	-4.448875	-0.668850

Al	1.280372	0.722749	3.200200
Al	1.488286	-0.281838	-2.314155
Al	1.579588	2.680457	1.190661
Al	1.980198	-2.883669	-3.064496
Al	2.487953	-1.999224	-0.488299
Al	2.694256	-1.052999	1.970129
Al	2.824194	-3.741348	1.503349
Al	3.163941	0.677896	-0.273084
Al	3.320823	1.516245	-3.042848
Al	4.076991	-1.044949	-2.438423
Mg	-5.559390	1.637382	1.127839
Mg	-4.547922	-3.340875	-0.125271
Mg	-3.112709	-1.660039	5.010576
Mg	-3.033250	0.844810	-4.120568
Mg	-2.348676	5.552825	-0.771568
Mg	-0.826057	0.974804	5.585268
Mg	-0.760708	-4.579881	-3.347321
Mg	0.203438	-5.525323	2.230712
Mg	0.975942	-2.416283	4.333355
Mg	1.517424	3.804124	4.161000
Mg	1.738483	4.277992	-3.844712
Mg	2.495244	-0.639895	-5.318048
Mg	3.895390	3.776585	-0.760233
Mg	4.279958	1.667706	2.531784
Mg	4.378975	-4.287275	-1.448606
Mg	5.447378	-1.515556	0.489385

Al35Mg15

Al	-4.161272	-2.552044	-0.508874
Al	-4.043223	-2.513126	2.259290
Al	-3.168777	-0.229663	-1.635560
Al	-2.789872	-0.358780	3.577245
Al	-2.638465	2.194454	-0.915288
Al	-2.356519	-1.019432	0.896167
Al	-2.198252	-3.999288	0.788014
Al	-2.118060	1.638840	1.747195
Al	-1.594061	-2.382917	-1.364561
Al	-1.476072	-2.795533	3.149503
Al	-0.875440	3.928460	2.936945
Al	-0.732118	3.640816	0.203657
Al	-0.705876	-0.380708	-3.020418
Al	-0.636227	1.571161	4.298388
Al	-0.472884	0.477576	-0.390916
Al	-0.281257	-0.425154	2.568534
Al	-0.208633	2.474428	-2.310384
Al	-0.156762	-3.188161	-3.491399
Al	0.012621	-2.403245	0.873267
Al	0.230070	-4.412257	-0.929123
Al	0.593148	1.920243	1.801060
Al	0.865618	1.193408	-4.511549
Al	1.086033	-1.848033	-1.475757
Al	1.550740	4.487493	1.618721
Al	1.623896	3.134523	3.981163
Al	1.787549	-2.181348	2.901278
Al	1.799237	2.698264	-0.431812
Al	1.840243	-1.332154	-3.992117
Al	1.868525	0.623899	-2.083809
Al	1.984173	-0.232354	0.713809
Al	2.076306	0.432418	3.648342
Al	2.582961	-3.130813	0.442309
Al	3.289698	2.139569	1.894044
Al	3.714092	-1.330393	-1.274742
Al	4.082132	1.244736	-0.580323
Mg	-5.039062	0.466124	0.977354
Mg	-3.614090	4.402807	1.222109
Mg	-3.578986	2.678879	4.351776
Mg	-3.269022	-2.265689	-4.016469
Mg	-2.649601	-5.195162	-2.149665
Mg	-2.645787	1.771772	-4.174071
Mg	-0.545937	-1.242645	-6.070319
Mg	0.011727	-1.299845	5.566624
Mg	0.589484	-5.160420	2.218890
Mg	0.981842	5.593627	-1.452765

Mg	2.893715	3.367559	-3.297329
Mg	2.911688	-4.132112	-2.703988
Mg	4.378246	4.446901	0.023042
Mg	4.499228	0.392021	-3.816081
Mg	4.703285	-0.908703	1.938590

Al36Mg14

Al	-3.844200	1.183852	0.549045
Al	-3.628721	0.045929	-1.944317
Al	-3.112312	-0.115000	2.836561
Al	-2.638250	-2.519696	-2.081728
Al	-2.189343	-2.703814	2.641185
Al	-1.922033	3.968948	0.476549
Al	-1.899508	-3.874148	0.147493
Al	-1.886556	-0.959589	0.247222
Al	-1.858989	1.863310	-3.701710
Al	-1.683870	1.683177	-0.983251
Al	-1.638605	-1.112048	4.950907
Al	-1.332404	1.576629	1.596759
Al	-1.017837	1.507549	4.260064
Al	-1.003380	-0.420471	-2.459052
Al	-0.806793	4.050515	-2.051193
Al	-0.397946	-0.639218	2.612976
Al	-0.117499	3.727458	2.612007
Al	0.002494	-2.509853	-1.227180
Al	0.092752	-2.373843	-3.962859
Al	0.291230	-2.846645	1.393962
Al	0.305909	-2.843431	4.125955
Al	0.393077	0.285293	-4.707852
Al	0.582562	1.750077	-2.430136
Al	0.670882	2.802724	0.117102
Al	0.745016	-0.000701	0.080562
Al	1.032401	-0.206180	4.878810
Al	1.119972	-4.744601	-0.277746
Al	1.391877	1.402796	2.506320
Al	1.804989	-0.722776	-2.384329
Al	1.996631	3.967783	-2.027696
Al	2.191884	-3.448690	-2.487123
Al	2.217591	-1.387049	2.698883
Al	2.549357	-2.215689	-0.030088
Al	2.815455	1.410118	-3.836735
Al	2.940912	1.598641	-1.142867
Al	3.421958	0.222232	0.998601
Mg	-4.725224	-2.042808	0.533657
Mg	-4.113887	3.377156	-1.900191
Mg	-3.531496	3.168425	3.160495
Mg	-2.703716	-0.997968	-4.998937
Mg	-0.856488	-5.168281	-2.732943
Mg	-0.628441	-5.585756	2.545366
Mg	0.616326	5.923594	0.218904
Mg	0.622145	3.566384	-4.984933
Mg	1.573030	2.995030	5.252426
Mg	2.833899	-4.445396	2.423886
Mg	3.002985	-1.611135	-5.128932
Mg	3.414171	3.574323	1.335068
Mg	4.066613	0.730800	4.113865
Mg	4.841381	-0.887959	-1.832834

Al37Mg13

Al	-4.326860	-0.617838	-1.534563
Al	-4.279810	1.367930	0.604564
Al	-3.196854	-2.438092	-3.335743
Al	-3.184105	-2.991510	-0.678307
Al	-3.134124	0.247503	-3.845719
Al	-2.879776	3.793285	-0.204228
Al	-2.750475	0.143213	3.021082
Al	-2.446898	1.384517	-1.445898
Al	-2.417792	-0.632666	0.434069
Al	-2.132024	-2.461288	2.410413
Al	-1.991229	3.719297	-2.800150
Al	-1.622956	1.766513	1.150246
Al	-1.349017	-0.986814	-2.099439

Al	-1.014654	-3.791267	-2.255139
Al	-0.774762	4.306344	1.528095
Al	-0.732574	1.444548	-3.544819
Al	-0.702587	1.849714	3.694679
Al	-0.669262	5.295237	-0.999423
Al	-0.621516	-2.524189	0.111408
Al	-0.126299	2.694175	-1.001221
Al	-0.003827	-0.492721	2.140905
Al	0.422755	-3.347139	2.506755
Al	0.502980	0.126662	-0.441094
Al	0.953441	2.181215	1.515723
Al	1.128567	-4.478183	-0.426272
Al	1.190342	-2.127652	-2.069575
Al	1.610228	0.511263	-2.903753
Al	1.683942	4.457443	0.236443
Al	1.875482	0.997775	3.775429
Al	1.928027	-2.098118	0.624870
Al	2.461933	-1.627440	3.226275
Al	2.620361	2.085837	-0.823070
Al	2.840516	0.314892	1.310796
Al	3.396487	-0.595153	-1.202734
Al	3.501955	2.878002	1.767892
Al	3.542802	-3.325084	-1.138091
Al	4.548869	-1.768574	1.052480
Mg	-5.175222	-1.617441	1.531691
Mg	-5.108923	2.543031	-2.400421
Mg	-3.525872	3.386107	3.039076
Mg	-1.674009	-5.362941	0.878502
Mg	-0.380647	-1.237923	5.058325
Mg	-0.323825	-1.546107	-4.916911
Mg	1.449723	3.935830	-3.288331
Mg	1.483239	4.300978	3.789094
Mg	1.790703	-4.871566	-3.483239
Mg	3.348856	-4.604095	1.944912
Mg	3.589346	-1.794430	-4.091423
Mg	5.021205	0.397505	3.524248
Mg	5.654138	1.209415	0.051594

Al38Mg12

Al	-4.447756	0.902616	-0.419512
Al	-4.021003	-2.098511	-0.448757
Al	-3.212493	2.010507	2.137964
Al	-2.952632	2.084349	-2.776787
Al	-2.529887	-0.370200	1.066880
Al	-2.518903	-2.866805	2.090479
Al	-2.417716	-0.327337	-1.697508
Al	-2.384030	-0.374721	3.659229
Al	-2.262179	-2.771474	-2.824029
Al	-1.931634	1.971830	-0.236636
Al	-1.601841	-0.186442	-4.262955
Al	-1.306052	-2.427319	-0.279452
Al	-1.261795	4.018387	1.214074
Al	-0.782544	3.931088	-1.693287
Al	-0.468889	1.368116	2.242875
Al	-0.338182	1.362092	-2.388682
Al	-0.098759	-0.013405	-0.069341
Al	-0.088262	-4.233268	1.133777
Al	-0.062824	-1.487161	2.215075
Al	0.003078	-0.044742	4.643495
Al	0.048455	-1.356704	-2.415103
Al	0.339773	-3.960487	-1.769963
Al	0.953664	2.492507	0.000008
Al	0.979712	3.778401	2.515596
Al	1.412751	0.240780	-4.108506
Al	1.610718	-2.127388	-0.044951
Al	1.727129	2.874641	-2.822629
Al	1.880460	1.651851	3.830787
Al	2.001025	-3.402774	2.445685
Al	2.104840	0.284991	1.477871
Al	2.238873	0.332170	-1.413947
Al	2.276770	-1.134902	3.803633
Al	2.452401	-2.224943	-2.872146
Al	3.268928	2.749320	1.641704

Al	3.580858	2.783313	-0.997425
Al	3.910196	-1.759769	1.597760
Al	4.212178	-1.654967	-1.040662
Al	4.523292	0.640844	0.261594
Mg	-5.312875	-0.777770	2.286900
Mg	-4.874180	-0.659508	-3.422229
Mg	-4.046709	4.178826	-0.471692
Mg	-2.722756	-5.131487	-0.562174
Mg	-1.352206	2.954312	4.686962
Mg	-0.674449	2.888336	-5.026306
Mg	-0.462404	-3.302959	4.626078
Mg	0.143898	-2.865757	-5.082147
Mg	1.764899	5.418227	-0.227840
Mg	3.205030	-4.705891	-0.326458
Mg	4.581503	0.684101	-3.326520
Mg	4.912528	0.665085	3.449217

Al39Mg11

Al	-1.867506	-0.264051	-4.167323
Al	-0.766780	2.156625	-4.050872
Al	-0.154495	-2.292831	-4.043307
Al	1.532394	2.799882	-3.001278
Al	2.226197	-2.318190	-2.981592
Al	3.289643	0.437505	-2.816922
Al	-3.101542	1.877413	-2.806069
Al	-2.471618	-2.650789	-2.778070
Al	0.504924	0.071675	-2.635072
Al	-2.132780	-0.284846	-1.456555
Al	-0.763767	2.279277	-1.236597
Al	-0.118147	-2.354818	-1.230795
Al	2.460026	-1.052606	-0.733877
Al	2.101149	1.673359	-0.729735
Al	-4.464214	0.814261	-0.575870
Al	-4.073696	-1.985489	-0.562367
Al	-3.321037	3.217316	-0.517997
Al	-2.273319	-3.955570	-0.455945
Al	1.145386	4.177672	-0.426363
Al	2.232914	-3.754880	-0.314481
Al	4.515696	0.601210	-0.021363
Al	0.078813	0.074166	0.034639
Al	-1.397827	4.016916	1.051575
Al	-2.165474	1.180694	1.058331
Al	-1.778927	-1.665098	1.066131
Al	-0.217030	-4.321527	1.140561
Al	1.012639	-2.021531	1.339100
Al	0.535448	2.323601	1.435742
Al	3.215757	2.882397	1.459582
Al	3.783552	-2.059246	1.496511
Al	2.436527	0.309338	1.668757
Al	-4.296560	-0.572782	1.685435
Al	2.077382	-3.953176	2.688933
Al	-0.075961	0.000532	2.773417
Al	-1.250269	2.323080	3.462378
Al	-0.507305	-2.616910	3.475251
Al	-2.514108	-0.349290	3.574450
Al	2.118222	-1.367712	3.799638
Al	1.731151	1.757461	3.829784
Mg	1.426682	0.186557	-5.529629
Mg	-4.949244	-0.691588	-3.370830
Mg	-1.330137	4.998086	-2.462189
Mg	0.105535	-5.156475	-2.392136
Mg	4.385093	3.522575	-1.572968
Mg	5.146149	-2.294888	-1.501712
Mg	-4.405238	2.608343	2.537044
Mg	-3.495619	-3.660896	2.588597
Mg	1.080559	4.894681	2.997665
Mg	4.904728	0.554519	3.379941
Mg	-0.153966	-0.093953	5.828451

Al40Mg10

Al	1.526012	1.311362	-4.165967
Al	2.637356	-1.262676	-3.564555

Al	-2.087610	-2.345098	-3.531621
Al	0.113599	-0.764381	-3.121750
Al	0.739748	-3.392845	-2.906619
Al	1.429942	3.570827	-2.457764
Al	-0.540207	1.831715	-2.446391
Al	-3.262234	2.352247	-2.223011
Al	-2.341698	-0.148974	-1.959836
Al	4.420303	-0.919410	-1.686481
Al	2.240408	0.878977	-1.604994
Al	-1.191972	4.143887	-1.391966
Al	-0.955104	-2.366530	-1.097279
Al	-3.666931	-2.357969	-1.060792
Al	1.881518	-1.837425	-0.865232
Al	3.380974	3.270957	-0.738736
Al	-4.495726	0.392243	-0.553729
Al	-0.072752	0.058709	-0.440669
Al	0.520697	-4.376223	-0.236924
Al	4.538375	1.058897	0.098598
Al	0.730274	2.599000	0.138725
Al	-2.052761	1.876536	0.179785
Al	-2.061428	-3.764037	0.847137
Al	4.223145	-1.589154	0.865888
Al	-2.349300	-0.844137	0.918261
Al	2.161526	0.174784	1.136543
Al	2.570933	-3.596432	1.188480
Al	-1.251536	4.337522	1.219470
Al	0.216987	-2.000253	1.461335
Al	2.971058	2.674613	1.837906
Al	-4.113576	1.096544	1.933050
Al	-0.399566	0.767368	2.170454
Al	0.541399	3.253244	2.903025
Al	-2.243287	2.671539	3.006871
Al	2.477054	-1.700394	3.093794
Al	-2.036222	-2.490396	3.135825
Al	1.881878	0.956483	3.767786
Al	-2.535658	0.011129	3.774007
Al	0.043203	-1.107858	4.152097
Al	-0.537387	1.548723	4.842143
Mg	-1.923343	0.728371	-5.027540
Mg	-4.942437	-0.644984	-3.551608
Mg	4.609109	1.832628	-3.355358
Mg	-2.031821	-5.173681	-2.072006
Mg	3.729526	-4.104914	-1.805641
Mg	-4.352575	3.926459	0.392591
Mg	1.548434	5.575878	0.427628
Mg	-5.007440	-2.039246	1.901797
Mg	4.942225	0.452835	3.205673
Mg	0.376891	-4.526461	3.267596

Al41Mg9

Al	1.023530	-0.120255	-5.231597
Al	-0.585783	-2.260304	-4.822911
Al	-1.657115	0.333415	-4.482390
Al	2.055744	-2.312456	-3.813797
Al	0.435545	1.924486	-3.471523
Al	-2.236033	2.694132	-3.360981
Al	-2.576074	-1.751086	-3.035888
Al	2.633538	0.319364	-3.010140
Al	0.140961	-0.683581	-2.692630
Al	0.060257	-3.604838	-2.545904
Al	4.196797	-1.835530	-2.269549
Al	-1.949261	0.652597	-1.499395
Al	-0.491792	3.156080	-1.333118
Al	2.217082	2.534977	-1.271617
Al	-3.285775	3.189723	-0.888617
Al	1.813088	-1.945947	-0.869737
Al	-1.146333	-2.004252	-0.804889
Al	3.689272	0.245570	-0.577120
Al	-3.814837	-1.511282	-0.559674
Al	0.694778	0.575443	-0.236095
Al	0.082797	-4.243314	0.181885
Al	4.364339	-2.333355	0.355573
Al	-4.143232	1.045994	0.508841

Al	-1.562652	4.774355	0.703789
Al	-1.492104	2.044549	0.865550
Al	0.807074	3.441904	1.098797
Al	-2.048587	-0.467074	1.190198
Al	0.232952	-1.770089	1.434667
Al	-2.253406	-3.179010	1.451243
Al	2.879535	1.893718	1.465167
Al	2.283411	-3.539441	1.627904
Al	2.635635	-0.772069	1.677271
Al	-3.577922	3.345070	1.933183
Al	0.322153	0.788757	2.540303
Al	-0.108461	-3.894719	3.013829
Al	-1.044476	3.389796	3.188434
Al	-2.560546	1.128954	3.286385
Al	-1.435693	-1.446807	3.642022
Al	1.586262	2.959486	3.669634
Al	1.267687	-1.658362	3.945768
Al	2.796137	0.596306	3.966856
Mg	-4.758982	0.735836	-2.776472
Mg	-2.040736	5.731717	-2.345616
Mg	2.929441	-4.765712	-1.449253
Mg	-2.832799	-4.581462	-1.420789
Mg	1.328872	5.674857	-1.011234
Mg	5.589761	0.320034	2.002606
Mg	-4.638797	-1.338914	2.696479
Mg	4.352970	-2.414531	3.763622
Mg	-0.178225	0.937269	5.570927

Al42Mg8

Al	-2.869661	0.179462	-4.205638
Al	-0.296574	0.786164	-4.143771
Al	-2.161428	2.822495	-3.734082
Al	2.248007	0.572847	-3.316384
Al	-0.095921	-3.980425	-2.789983
Al	-1.053343	-1.375614	-2.719188
Al	0.568079	2.759505	-2.642244
Al	1.883999	-2.036140	-2.438136
Al	-4.346244	1.585958	-2.407856
Al	-3.881744	-1.110184	-2.102790
Al	-1.780929	1.236858	-1.642041
Al	-1.451523	4.053018	-1.394386
Al	-2.469658	-3.434007	-1.388751
Al	3.845165	-0.187178	-1.257521
Al	2.878718	2.371515	-1.200490
Al	0.658526	0.122021	-1.150067
Al	1.949385	-4.397818	-0.857821
Al	-0.036248	-2.659074	-0.479488
Al	-3.631159	2.986770	-0.215976
Al	-2.085354	-1.014077	-0.143137
Al	0.440048	2.671491	0.085622
Al	-4.276924	0.482438	0.243067
Al	2.429711	-1.988630	0.248876
Al	4.843599	1.624327	0.665956
Al	2.327457	0.616778	0.878216
Al	-1.605794	1.362932	1.126519
Al	-1.797373	4.121530	1.312385
Al	4.610753	-0.930226	1.433931
Al	2.871517	3.253323	1.533171
Al	-1.801945	-3.120232	1.590503
Al	0.052091	-0.768370	1.605765
Al	0.873290	-3.612722	1.892210
Al	0.640582	4.524860	2.234555
Al	-2.991638	-0.788728	2.412846
Al	-3.592148	2.087104	2.595137
Al	0.710790	1.789824	2.646013
Al	2.359603	-1.525903	2.955800
Al	3.477720	1.038581	3.221032
Al	-1.282291	3.239700	3.761272
Al	-0.466428	-2.044086	3.831381
Al	-1.392814	0.585288	3.946614
Al	1.179143	0.112215	4.655122
Mg	0.667062	-1.970888	-5.325747
Mg	-2.886381	-3.087702	-4.546282

Mg	4.854817	-3.136088	-1.430165
Mg	1.567482	5.383165	-0.801591
Mg	-0.784355	-5.760109	0.013275
Mg	-4.866334	-2.661161	0.589137
Mg	4.008024	-4.138522	1.894483
Mg	1.958646	3.357714	4.960647

Al43Mg7

Al	-4.210566	1.088002	-1.593393
Al	-4.144673	1.900392	1.123604
Al	-3.801730	-1.728956	-2.010129
Al	-3.418999	-3.215563	0.378718
Al	-3.184970	-0.499609	0.235900
Al	-2.608720	2.679016	-2.918167
Al	-2.070763	3.411819	2.396745
Al	-2.008811	0.764546	2.378450
Al	-1.853406	-2.363389	-3.648950
Al	-1.849443	2.187490	-0.274496
Al	-1.636439	-1.934259	2.002483
Al	-1.588497	0.092685	-2.218006
Al	-1.241244	-0.812355	4.466347
Al	-1.192425	-2.468592	-0.956832
Al	-0.972462	-4.367245	1.239847
Al	-0.755012	4.723181	0.567159
Al	-0.560788	4.057553	-2.000602
Al	-0.501036	1.947061	4.206070
Al	-0.489549	-0.154659	0.293927
Al	-0.258618	1.912955	-3.924213
Al	0.161757	-0.744671	-4.343846
Al	0.219129	-3.045608	3.499254
Al	0.381864	2.153370	1.421114
Al	0.553802	-3.353673	-3.194171
Al	0.562362	-4.617176	-0.873921
Al	0.696745	1.731471	-1.399248
Al	0.758632	4.284522	2.818586
Al	0.784581	-0.276648	2.765033
Al	1.062124	-2.382968	0.829412
Al	1.065037	-1.045409	-1.774381
Al	1.675323	4.031562	-0.235268
Al	2.072653	2.074790	3.797779
Al	2.246790	0.230895	0.438422
Al	2.284671	0.822879	-3.470042
Al	2.696296	-2.261295	3.168522
Al	2.705601	-1.859015	-3.855249
Al	2.756865	-3.155908	-1.350871
Al	3.213517	2.633997	1.466041
Al	3.438494	2.098210	-1.258883
Al	3.665663	0.169352	2.809114
Al	3.871239	-0.622717	-1.687714
Al	3.899325	-1.913156	0.802539
Al	4.983022	0.658181	0.492080
Mg	-4.485317	-1.071465	3.056060
Mg	-3.759258	4.606353	-0.593236
Mg	-3.188339	0.242579	-4.868218
Mg	-2.403045	-5.103712	-2.041647
Mg	1.730494	-0.502877	5.703776
Mg	2.213282	4.018750	-3.483127
Mg	2.484840	-5.020686	1.617627

Al44Mg6

Al	-4.582243	0.891969	0.991893
Al	-4.348334	-1.893719	0.743077
Al	-4.080311	2.178022	-1.479549
Al	-3.549422	2.082677	3.298922
Al	-3.394980	-0.675689	3.077762
Al	-3.136723	3.380927	0.855715
Al	-3.011122	-0.268588	-0.953930
Al	-2.622515	4.531770	-1.653248
Al	-2.550090	-4.069012	0.046903
Al	-2.162946	2.567131	-3.552906
Al	-1.921464	0.958393	1.445862
Al	-1.734245	-1.832977	1.204879

Al	-1.428987	2.181212	-1.002042
Al	-1.225433	-2.435146	-1.657840
Al	-1.209801	0.766905	4.143769
Al	-1.155768	0.081199	-3.007620
Al	-1.071581	3.227279	2.775157
Al	-0.988376	-2.042648	3.842243
Al	-0.594463	4.488193	0.234087
Al	-0.489084	-4.155973	1.985498
Al	-0.338385	-0.172661	-0.441645
Al	-0.006447	4.000573	-2.481288
Al	0.037766	-4.766648	-0.710042
Al	0.413770	1.871401	-4.319639
Al	0.430075	-0.358608	2.211207
Al	0.612419	2.129570	0.928199
Al	0.643863	-3.691355	-3.123982
Al	0.878743	-2.425807	0.327693
Al	1.162852	-0.593418	4.816014
Al	1.186184	1.600745	-1.817991
Al	1.343675	1.860488	3.552109
Al	1.351439	-1.255801	-2.260172
Al	1.670378	-2.680129	3.018397
Al	2.083255	3.833603	-0.568597
Al	2.115302	-4.697349	1.144476
Al	2.302996	-0.011813	0.181235
Al	2.675590	-3.574081	-1.330846
Al	2.855457	0.497015	-3.610587
Al	3.126474	-0.227243	2.844798
Al	3.292667	2.226977	1.454291
Al	3.606203	-2.317287	0.985148
Al	3.873837	1.718127	-1.264184
Al	4.039991	-1.090590	-1.578221
Al	4.956422	0.120509	0.750423
Mg	-4.266919	-2.764463	-2.380191
Mg	-3.505170	-3.905408	3.121456
Mg	0.516528	-1.215829	-5.314217
Mg	1.704365	4.863133	2.463157
Mg	2.986179	3.713158	-3.653263
Mg	3.508383	-2.648734	-4.282371

Al45Mg5

Al	-3.939127	-1.860026	2.221229
Al	-3.870288	0.939341	2.789683
Al	-2.927105	-1.322428	-0.257862
Al	-2.872743	-0.918873	4.592133
Al	-2.827108	1.417580	0.319930
Al	-2.670110	-3.881533	0.765208
Al	-2.630256	4.031741	-0.514360
Al	-2.530750	3.373539	2.233216
Al	-2.131727	0.493858	-2.328787
Al	-1.933213	3.127167	-3.161801
Al	-1.873301	-1.327332	-4.295877
Al	-1.648590	-0.463297	2.211127
Al	-1.607107	-3.046248	3.249616
Al	-1.518910	1.508804	4.184314
Al	-0.688356	1.088128	-4.593210
Al	-0.669968	-2.011904	-2.007657
Al	-0.550288	-0.017566	-0.189710
Al	-0.497319	-4.530712	-0.999260
Al	-0.471187	2.507867	-1.007413
Al	-0.448041	5.079083	-1.866971
Al	-0.396559	-2.492723	0.795725
Al	-0.332562	-5.032936	1.723530
Al	-0.318185	1.917959	1.716719
Al	-0.275007	4.558963	0.884070
Al	-0.138936	3.868268	3.585256
Al	-0.113510	-0.950730	4.434560
Al	0.817989	0.470201	-2.484782
Al	0.823586	-1.496230	-4.288878
Al	0.870536	3.099759	-3.327274
Al	1.158218	-0.487392	2.056770
Al	1.197476	-3.068176	2.962356
Al	1.293301	1.505684	3.920149
Al	1.724331	-3.371701	-2.382528

Al	1.765696	-1.379997	-0.563169
Al	1.843698	1.338891	0.035861
Al	1.903874	3.964800	-0.847054
Al	1.907327	-3.994062	0.379565
Al	2.072015	3.348484	1.931249
Al	3.173820	-0.941064	-2.864428
Al	3.202273	1.852404	-2.267583
Al	3.431761	-1.914661	1.569153
Al	3.509466	0.908853	2.178921
Al	4.051565	-2.786364	-0.981823
Al	4.179776	2.711108	0.186604
Al	4.212858	-0.040072	-0.397338
Mg	-4.792968	2.148465	-2.016288
Mg	-3.402569	-3.570846	-2.378863
Mg	-0.616041	-4.353090	-4.278710
Mg	2.458898	1.082938	-5.299515
Mg	3.093367	-1.083922	4.674198

Al46Mg4

Al	-4.234827	-0.228927	0.996069
Al	-3.893417	-0.897468	-1.774593
Al	-3.625846	2.548965	1.356402
Al	-3.458442	-2.046081	2.951803
Al	-3.197285	-2.770349	0.247145
Al	-3.077571	1.453060	-3.191318
Al	-2.897031	0.668466	3.350103
Al	-2.835292	3.605581	-1.232365
Al	-2.795153	-3.356596	-2.471762
Al	-2.382704	1.060005	-0.574814
Al	-2.230046	3.366126	3.631063
Al	-2.019583	-1.083089	-3.914245
Al	-1.598892	-0.818597	1.412495
Al	-1.587655	4.437800	1.151530
Al	-1.267063	-1.470114	-1.271355
Al	-1.192307	-3.429237	2.145317
Al	-1.165820	1.246334	-5.212529
Al	-1.045863	3.340754	-3.393206
Al	-0.983068	1.888736	1.733309
Al	-0.978078	-1.333227	4.060603
Al	-0.846225	-4.103328	-0.637615
Al	-0.460325	0.825187	-2.632811
Al	-0.362959	1.418142	4.416989
Al	-0.217278	3.071015	-0.809093
Al	-0.107625	-3.058349	-3.168729
Al	0.278255	0.475167	-0.134633
Al	0.457966	3.723014	3.066832
Al	0.709248	-2.212460	0.594109
Al	0.718303	-0.705341	-4.578726
Al	0.899223	-0.053171	2.443246
Al	1.332084	1.994686	-4.236735
Al	1.373117	-2.654530	3.207108
Al	1.465613	-1.137095	-1.978732
Al	1.545514	-0.542627	5.016560
Al	1.823975	2.367724	1.108591
Al	1.921415	-3.721699	-1.282889
Al	2.155043	1.822400	-1.625273
Al	2.411675	1.775503	3.726500
Al	2.752741	-0.288006	0.374644
Al	3.275588	0.131567	-3.442535
Al	3.318329	-2.877032	1.079068
Al	3.500030	-0.806241	3.017983
Al	4.062201	-1.854729	-1.455985
Al	4.333061	1.480310	1.659412
Al	4.666084	0.847247	-1.111480
Al	5.325516	-0.980862	0.877779
Mg	-5.536734	1.819647	-1.139514
Mg	1.291546	-5.358802	1.433763
Mg	1.430302	5.415043	0.470926
Mg	2.950261	-2.994520	-4.258410

Al47Mg3

Al	1.246980	-1.236417	-4.971968
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Al	-0.354761	1.022216	-4.558451
Al	-1.417993	-1.649787	-4.249368
Al	-1.999279	3.227839	-3.960769
Al	-3.008316	0.653256	-3.778894
Al	2.319449	0.982521	-3.608978
Al	0.669348	-3.328998	-3.187068
Al	0.655664	3.257316	-3.092009
Al	2.917227	-1.658528	-2.784857
Al	0.369525	-0.666690	-2.486951
Al	-1.979542	-3.715293	-2.387084
Al	3.274549	3.165603	-2.114016
Al	-1.236411	1.565862	-1.970024
Al	-3.679198	2.633412	-1.817313
Al	-2.433277	-1.080317	-1.760883
Al	-1.431412	4.242076	-1.424450
Al	3.962094	0.595431	-1.316395
Al	0.006936	-5.279627	-1.258028
Al	1.400106	1.526525	-1.057864
Al	2.269726	-3.736167	-0.878064
Al	-0.244032	-2.656655	-0.634401
Al	1.271168	4.190587	-0.469618
Al	2.079990	-1.087872	-0.247977
Al	-0.569542	-0.089264	-0.024360
Al	-3.150722	0.822410	0.178778
Al	-1.994958	-4.387528	0.434517
Al	-0.668726	2.568002	0.608344
Al	3.339982	2.573700	0.631493
Al	-3.150329	3.471966	0.810222
Al	-2.448723	-1.752254	1.059371
Al	0.644715	-4.410090	1.349962
Al	3.946865	-0.071968	1.484102
Al	1.385435	0.881984	1.646999
Al	2.892485	-2.743302	1.767391
Al	0.345616	-1.717442	1.922719
Al	1.255969	3.525306	2.322211
Al	-1.260448	0.512187	2.451721
Al	-3.704167	1.539760	2.771550
Al	-1.457555	-3.385271	3.033816
Al	-1.456445	3.147281	3.169653
Al	3.244908	1.863976	3.348026
Al	-3.048653	-1.113725	3.636326
Al	2.279853	-0.756305	3.687945
Al	1.198816	-3.348761	3.892600
Al	0.615841	1.511207	4.235338
Al	-0.404151	-1.142465	4.525698
Al	-2.047901	1.099720	4.970014
Mg	-4.687501	-3.013124	-0.743633
Mg	5.137115	-2.305497	-0.521534
Mg	-0.896321	5.753206	1.366161

Al48Mg2

Al	-4.402318	0.514964	2.405649
Al	-4.076896	-2.612438	-1.118501
Al	-4.022223	-2.169825	1.658844
Al	-3.434290	-0.158402	-0.072667
Al	-3.326460	3.163347	2.075843
Al	-2.948498	1.748589	4.433468
Al	-2.805939	-1.858813	-3.588739
Al	-2.569182	-0.966290	3.891147
Al	-2.374865	2.454197	-0.387543
Al	-2.316055	-4.329937	-2.419360
Al	-2.242265	-4.093912	0.365255
Al	-2.178167	0.571118	-2.510498
Al	-1.786182	0.974701	2.119930
Al	-1.473122	-2.033625	-1.272675
Al	-1.404930	-1.766450	1.542600
Al	-1.271064	4.390698	-1.973343
Al	-1.267568	4.669289	0.846507
Al	-1.075896	2.480298	-4.125909
Al	-0.855043	3.295727	3.364005
Al	-0.749127	0.257311	-0.189890
Al	-0.744309	-0.275388	-4.728898
Al	-0.355384	0.716170	4.488566

Al	-0.218813	-2.889871	-3.618845
Al	0.087794	-2.028954	3.838885
Al	0.161022	-4.280229	-1.131899
Al	0.202076	2.164334	-1.795573
Al	0.268417	2.478235	0.972923
Al	0.296973	-3.933866	1.691197
Al	0.571681	-0.521275	-2.415122
Al	0.803741	-0.054529	2.096071
Al	0.986836	-1.897155	0.023091
Al	1.059962	4.121597	-3.452110
Al	1.192737	4.513069	-0.664757
Al	1.222851	4.714899	2.126510
Al	1.506473	1.432426	-4.152268
Al	1.774319	2.230046	3.308769
Al	1.876565	-1.314044	-4.644287
Al	2.015026	0.678705	-0.296791
Al	2.237325	-0.331205	4.369250
Al	2.249134	-2.729307	-2.272152
Al	2.489214	-2.250230	2.338971
Al	2.650099	-4.033635	0.157646
Al	2.930862	2.675668	-1.985304
Al	3.023862	2.964270	0.858909
Al	3.308837	-0.073048	-2.600309
Al	3.543564	0.405065	2.008982
Al	3.717133	-1.484361	-0.092473
Al	4.685950	1.091063	-0.471410
Mg	-2.328046	-4.166658	3.582699
Mg	5.364192	-2.452340	-2.584392

Al49Mg1

Al	-5.390501	-0.935273	0.394333
Al	-4.569324	1.157892	-1.232101
Al	-4.383098	1.343598	1.635684
Al	-3.985116	-1.463223	-1.995967
Al	-3.724020	-1.180552	2.652042
Al	-3.447444	-2.934410	0.400912
Al	-3.041773	0.760970	-3.594369
Al	-2.790254	-0.247874	0.204535
Al	-2.605006	1.218574	3.833759
Al	-2.421721	-1.878094	-4.286932
Al	-2.005076	2.062116	-1.404744
Al	-1.928560	-3.420778	-1.987312
Al	-1.911521	-1.331472	4.781645
Al	-1.830327	2.311355	1.406938
Al	-1.668262	-3.141846	2.640860
Al	-1.378513	-4.814194	0.393750
Al	-1.325401	-0.702540	-2.131496
Al	-1.069548	-0.428367	2.395534
Al	-0.994781	2.704921	-3.882580
Al	-0.788903	-2.190876	0.205455
Al	-0.539535	3.146555	3.674493
Al	-0.432212	0.071573	-4.631726
Al	-0.264358	0.538115	0.022520
Al	0.100830	0.613660	4.680778
Al	0.230694	-2.492178	-3.594249
Al	0.369881	3.176152	-0.145244
Al	0.651677	-2.053519	3.871297
Al	0.659572	1.257956	-2.356462
Al	0.766868	-3.992497	-1.214195
Al	0.927395	-3.830137	1.639485
Al	0.937094	1.500644	2.181535
Al	1.325099	-1.277568	-1.368459
Al	1.383224	3.820328	-2.621524
Al	1.486086	-1.123618	1.412013
Al	1.558566	2.065755	-4.766254
Al	1.664415	4.082186	2.074216
Al	2.096226	2.576779	4.365126
Al	2.256925	-0.471799	-3.838467
Al	2.385132	1.038209	-0.163612
Al	2.695550	-0.052645	3.659039
Al	2.870100	-2.986771	-2.769807
Al	3.074225	3.630112	-0.350704
Al	3.098294	-2.898733	0.022235

Al	3.188309	-2.671767	2.815789
Al	3.371089	1.855692	-2.614713
Al	3.648092	2.117644	2.052372
Al	4.020091	-0.714455	-1.584577
Al	4.182361	-0.553967	1.253626
Al	5.006713	1.606700	-0.347333
Mg	-1.459253	5.131667	-1.787139

Al50Mg0

Al	-0.571615	0.635797	-5.201242
Al	1.176612	-1.396656	-4.436394
Al	1.892205	1.374476	-4.077466
Al	-1.706370	-1.635924	-4.001582
Al	-0.465866	2.765900	-3.378529
Al	-2.650964	0.948701	-3.344561
Al	-0.000511	-3.682743	-3.269079
Al	3.643639	-0.623969	-3.246340
Al	4.316020	2.008985	-2.758248
Al	-2.697421	-3.909122	-2.617556
Al	-0.094757	0.102277	-2.602550
Al	2.028939	3.465213	-2.135164
Al	-3.703972	-1.385784	-2.020091
Al	1.787433	-2.019400	-1.820411
Al	-0.325525	4.787994	-1.434956
Al	-2.529698	3.053641	-1.425625
Al	2.321046	0.808885	-1.388110
Al	-4.614189	1.185049	-1.365658
Al	-1.091868	-2.202639	-1.304721
Al	1.471590	-4.611354	-1.238143
Al	4.818699	0.156766	-0.732098
Al	0.008009	2.203336	-0.719773
Al	-2.117304	0.393539	-0.686069
Al	-1.097078	-4.773514	-0.510237
Al	3.874711	2.706508	-0.073099
Al	0.439619	-0.470888	-0.011383
Al	-3.325311	-3.246142	0.071563
Al	1.503157	4.114670	0.598498
Al	2.952388	-1.291368	0.663197
Al	-4.263501	-0.654989	0.712220
Al	0.739349	-3.061713	0.816052
Al	-1.320015	3.910636	1.021125
Al	-3.514066	2.074813	1.050558
Al	1.829137	1.428337	1.291781
Al	-1.670747	-1.464942	1.362165
Al	-0.956260	1.244549	1.705810
Al	4.306692	0.723334	1.997912
Al	-1.455860	-4.014637	2.186110
Al	3.289881	3.271045	2.600859
Al	0.729752	-0.773373	2.614860
Al	-3.732409	-2.507635	2.750431
Al	0.519768	3.136865	3.072153
Al	-3.058993	0.187221	3.144853
Al	3.179613	-1.472922	3.391305
Al	-2.260257	2.864183	3.431939
Al	0.953001	-3.299603	3.522298
Al	2.251446	1.092552	4.010228
Al	-1.358012	-1.857677	4.098855
Al	-0.579269	0.871711	4.425851
Al	1.129129	-1.159988	5.258460

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Al0mg55

Mg	-0.389985	-0.914379	-5.823529
Mg	3.074201	-1.917578	-5.823409
Mg	-3.844445	0.111612	-5.678697
Mg	2.246159	1.543960	-5.241457
Mg	-1.256780	2.571333	-5.168196
Mg	1.362100	4.967065	-4.529083
Mg	0.625803	-4.050836	-4.254544
Mg	-2.877156	-3.023447	-4.181240
Mg	4.891110	-0.073189	-3.312630

Mg	-4.279722	2.616530	-3.120826
Mg	1.520598	-0.948506	-2.880455
Mg	-1.901599	0.055220	-2.808855
Mg	3.889701	-3.530958	-2.702696
Mg	4.024289	3.412584	-2.657365
Mg	-1.643628	5.074874	-2.538768
Mg	-1.838152	-6.083236	-2.579748
Mg	-5.281063	-0.841317	-2.510863
Mg	0.673759	2.456897	-2.240208
Mg	-0.909224	-3.008991	-1.276024
Mg	1.402575	-5.640015	-1.060413
Mg	1.620260	5.594850	-0.987008
Mg	-4.265272	-3.977768	-0.941799
Mg	6.586230	1.773173	-0.719440
Mg	-4.608447	5.056316	-0.485306
Mg	3.257780	0.877078	-0.355868
Mg	-2.279491	2.501052	-0.240026
Mg	5.667870	-1.662305	-0.118546
Mg	0.000015	0.000012	-0.000007
Mg	-5.667884	1.662263	0.118561
Mg	2.279477	-2.501042	0.240054
Mg	-3.257790	-0.877085	0.355895
Mg	4.608402	-5.056335	0.485323
Mg	-6.586208	-1.773198	0.719478
Mg	4.265274	3.977767	0.941830
Mg	-1.620255	-5.594864	0.986928
Mg	-1.402631	5.640029	1.060370
Mg	0.909213	3.009026	1.275989
Mg	-0.673737	-2.456922	2.240213
Mg	5.281085	0.841285	2.510874
Mg	1.838074	6.083311	2.579654
Mg	1.643621	-5.074912	2.538745
Mg	-4.024253	-3.412671	2.657338
Mg	-3.889738	3.530924	2.702705
Mg	1.901603	-0.055157	2.808874
Mg	-1.520592	0.948509	2.880500
Mg	4.279716	-2.616511	3.120862
Mg	-4.891076	0.073083	3.312697
Mg	2.877120	3.023534	4.181237
Mg	-0.625822	4.050874	4.254496
Mg	-1.362093	-4.967111	4.529021
Mg	1.256827	-2.571343	5.168185
Mg	-2.246079	-1.543968	5.241480
Mg	3.844436	-0.111574	5.678707
Mg	0.390007	0.914423	5.823578
Mg	-3.074180	1.917634	5.823411

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Al5Mg50			
Al	-2.889284	-2.431371	1.931158
Al	-2.836632	3.937518	1.984189
Al	-0.353617	5.067510	1.656856
Al	1.724378	-4.892092	-1.650276
Al	3.770823	-0.335171	-3.369408
Mg	-5.806183	2.492680	2.339525
Mg	-5.676921	-3.970998	2.146464
Mg	-5.405054	-1.026628	0.423978
Mg	-5.387345	5.390691	0.610222
Mg	-5.107685	-1.049973	3.860400
Mg	-4.938653	5.355382	3.995840
Mg	-4.168740	2.454672	-0.687941
Mg	-3.928680	-3.862858	-0.798057
Mg	-3.456046	2.401411	4.838761
Mg	-3.426873	-3.901696	4.719327
Mg	-2.996939	0.731712	1.953994
Mg	-2.816505	7.120475	2.019991
Mg	-2.709441	-5.671580	1.868444
Mg	-2.349726	5.314473	-0.862740
Mg	-2.263270	-0.853064	-0.989278
Mg	-1.732993	-0.919613	4.591258
Mg	-1.597693	5.254626	4.620545
Mg	-1.462976	2.559750	-3.292329
Mg	-1.040063	-6.583978	-1.660707
Mg	-0.852097	2.381809	0.056455
Mg	-0.802633	-3.571656	-3.326910

Mg	-0.688013	-3.703638	0.037688
Mg	-0.378540	2.337148	3.385850
Mg	-0.289212	-3.745950	3.384884
Mg	-0.244132	7.852291	-0.041665
Mg	-0.036953	-0.799985	1.593476
Mg	0.244109	7.785901	3.333421
Mg	0.721462	-0.245136	-4.611848
Mg	0.957563	4.955269	-1.341795
Mg	0.961576	-6.278407	-4.430422
Mg	0.997159	-6.423858	1.105385
Mg	1.371250	-1.634063	-1.588630
Mg	1.735905	1.671372	-2.017630
Mg	1.754902	4.827337	4.128914
Mg	2.063774	-8.057716	-1.726031
Mg	2.224851	3.062480	1.238128
Mg	2.441366	-3.185268	-4.361439
Mg	2.508936	-3.317126	1.151365
Mg	2.577383	6.441872	1.248234
Mg	2.669360	0.305213	3.389028
Mg	3.019777	2.289644	-5.074780
Mg	3.494838	-0.758369	-6.537237
Mg	3.941944	-0.026576	-0.077851
Mg	4.207792	-5.940081	-3.411705
Mg	4.216523	-6.042723	0.004363
Mg	4.423508	-3.040856	-1.630679
Mg	5.009710	2.428691	-2.261172
Mg	5.768549	-2.504954	-4.695735
Mg	6.143706	0.887546	-5.116715
Mg	6.691754	-0.532088	-2.055163

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Al10Mg45			
Al	0.611790	0.519748	-6.639030
Al	-1.259817	-0.100384	-4.714285
Al	1.378396	-0.820164	-4.354885
Al	0.643508	1.832309	-4.214871
Al	-0.107237	0.088634	-2.246287
Al	-0.741122	-0.361975	2.967450
Al	1.786230	0.291416	3.857145
Al	-2.395830	-0.931290	5.072012
Al	0.283587	-1.623888	5.160113
Al	-0.450631	1.026048	5.299683
Mg	0.533211	-1.132426	-9.403216
Mg	-0.378431	2.158442	-9.229531
Mg	2.890562	1.264619	-8.791113
Mg	-2.342525	-0.241610	-7.721164
Mg	2.950008	-1.688143	-7.004598
Mg	1.474389	3.638171	-6.723446
Mg	-0.261430	-2.598799	-6.475835
Mg	-1.733479	2.714580	-6.195411
Mg	3.546842	1.272196	-5.488396
Mg	-3.419824	-2.428123	-5.257259
Mg	-4.322152	0.828762	-5.085390
Mg	2.142904	-3.946746	-4.500660
Mg	-0.309506	4.904787	-4.033434
Mg	4.477887	-1.577787	-3.894526
Mg	2.925777	4.024205	-3.598757
Mg	-0.793320	-2.907949	-3.164843
Mg	-2.258763	2.381311	-2.885690
Mg	-3.216772	-0.774371	-2.218228
Mg	3.008975	0.949047	-2.189807
Mg	2.047116	-2.210504	-1.497861
Mg	0.580871	3.081549	-1.218507
Mg	-1.018770	-2.033900	0.128721
Mg	-1.914284	1.198139	0.299152
Mg	1.348925	0.338361	0.665383
Mg	4.306576	-0.688711	2.057440
Mg	-3.727908	-1.143910	2.101513
Mg	3.396390	2.596376	2.230409
Mg	1.532489	-2.563572	2.321856
Mg	0.061582	2.745259	2.601502
Mg	-1.551253	-3.455836	3.216051
Mg	-3.017461	1.835852	3.494847
Mg	-4.564818	-3.282744	4.697347
Mg	-5.473504	-0.003213	4.870164

Mg	1.113592	-4.729291	4.892467
Mg	4.688607	1.035452	4.998331
Mg	3.448552	-2.181490	5.074377
Mg	1.975706	3.134456	5.354287
Mg	-1.339985	4.125994	5.358852
Mg	-1.707041	-3.690690	6.591150
Mg	-3.180380	1.626800	6.871284
Mg	2.131280	0.218366	7.059930
Mg	-4.219546	-1.572021	7.642052
Mg	1.475839	-3.027535	7.798406
Mg	-0.978748	-0.691326	7.971554
Mg	-0.077052	2.577518	8.093550

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Al15Mg40

Al	-0.433569	3.679130	-2.706389
Al	-1.060531	1.189384	-1.770993
Al	1.096127	-0.604167	-1.582818
Al	1.483826	2.202095	-1.367451
Al	0.233707	-3.287583	-1.253338
Al	1.285746	4.909672	-0.936735
Al	-1.364809	-1.194735	-0.446980
Al	-0.698360	3.261678	0.025598
Al	0.283584	0.789305	0.666693
Al	-2.427512	1.097302	0.685648
Al	1.034069	-1.824999	0.918843
Al	1.271935	-4.510300	1.056576
Al	-1.264456	-3.436459	1.113170
Al	-1.190677	-0.900685	2.300737
Al	0.381213	-3.010954	3.278375
Mg	-0.091857	3.965032	-5.840013
Mg	-2.472559	1.794090	-4.488997
Mg	0.843204	1.034249	-4.323755
Mg	-2.758833	5.268485	-4.148352
Mg	1.940647	-2.520739	-3.917325
Mg	-0.633637	-4.898341	-3.776465
Mg	2.618705	3.863430	-3.774299
Mg	-1.276772	-1.472571	-3.605589
Mg	0.440743	6.575807	-3.557255
Mg	3.797424	0.497632	-2.830462
Mg	3.605918	6.681997	-2.168954
Mg	-3.962810	-0.160484	-1.941054
Mg	2.106440	-5.761794	-1.802518
Mg	-3.020067	-3.590457	-1.617649
Mg	-3.513891	3.178718	-1.544482
Mg	-1.810496	6.032632	-0.956345
Mg	3.418340	-2.769709	-0.910941
Mg	4.275053	3.500194	-0.833868
Mg	-1.045839	-6.148128	-0.518059
Mg	0.887501	8.012979	-0.437641
Mg	3.435995	0.296030	0.493917
Mg	-5.511234	1.459673	0.758103
Mg	4.234599	-5.581092	0.945073
Mg	-4.073742	-1.718207	1.077198
Mg	3.274579	6.197159	1.198350
Mg	1.509533	-7.635845	1.205979
Mg	-3.866543	-5.185783	1.306574
Mg	2.079409	3.114540	1.715027
Mg	-3.276507	4.005170	1.730973
Mg	-0.121869	5.643807	1.968015
Mg	3.575407	-2.645576	2.514414
Mg	-0.941442	-5.955646	2.960631
Mg	-0.823645	2.262326	3.231423
Mg	1.714701	0.044276	3.412753
Mg	-3.679768	0.517775	3.606115
Mg	-2.828450	-3.123530	3.883852
Mg	2.288492	-5.479671	3.920193
Mg	-0.845562	-0.843246	5.412742
Mg	2.319895	-2.422096	5.695110
Mg	-0.441354	-4.391768	5.976645

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Al20Mg35

Al	-2.901668	-0.911331	4.069527
Al	-2.435459	0.825273	2.092363
Al	-2.344754	-0.490195	-0.410943

Al	-1.984861	1.208514	-2.631622
Al	-1.805782	-2.027234	1.902523
Al	-1.367950	-1.586104	-2.817456
Al	-1.204339	2.124002	-0.078536
Al	-0.302285	-0.317543	3.769081
Al	-0.204657	-2.404451	-0.379790
Al	-0.102497	-0.099455	1.155388
Al	0.037804	2.227504	2.463659
Al	0.142480	0.126681	-1.430688
Al	0.382173	0.352694	-4.033424
Al	0.475686	2.636915	-2.280292
Al	1.036839	-2.298048	2.162512
Al	1.473521	-1.883154	-2.580964
Al	1.628092	1.817844	0.167855
Al	2.179906	0.315190	2.495507
Al	2.244165	-0.972912	-0.017837
Al	2.611934	0.726040	-2.245491
Mg	-5.075175	1.374414	3.672625
Mg	-4.856739	-1.162821	1.365884
Mg	-4.501477	-0.818610	-2.630567
Mg	-4.441391	2.447752	-3.978665
Mg	-4.347196	1.935063	-0.347762
Mg	-3.927091	-3.827264	3.326114
Mg	-3.143447	-3.518073	-0.710412
Mg	-3.115333	-3.560226	-4.377634
Mg	-2.655218	3.985300	1.995313
Mg	-2.412120	-0.168534	-5.472445
Mg	-2.245935	4.358821	-1.975961
Mg	-1.976334	2.136487	4.961197
Mg	-1.195085	-0.712351	6.738777
Mg	-1.019696	3.019389	-5.068012
Mg	-0.759565	-3.376315	4.594228
Mg	-0.683154	-4.948173	1.400853
Mg	-0.265772	-4.610687	-2.572510
Mg	0.159919	4.895582	3.958454
Mg	0.199043	-2.501885	-5.435204
Mg	0.469695	4.746165	0.323495
Mg	0.853053	5.525722	-3.227035
Mg	1.518541	1.793739	5.259200
Mg	2.276681	-1.640694	5.030635
Mg	2.307752	-4.834509	3.311098
Mg	2.424954	-4.110942	-0.265729
Mg	2.452828	2.656155	-4.776920
Mg	3.000732	-4.202557	-3.874050
Mg	3.027265	3.428581	2.444580
Mg	3.206089	-0.756239	-5.003894
Mg	3.394522	3.769397	-1.498910
Mg	4.252622	-2.122266	2.075162
Mg	4.618803	-1.776319	-1.867827
Mg	4.660928	1.003637	0.380350
Mg	4.784879	0.787858	4.033199
Mg	5.454076	1.414174	-3.158999

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Al₂₅Mg₃₀

Al	-1.069692	1.049480	-3.588091
Al	1.696253	0.427481	-3.081668
Al	0.861483	3.164894	-2.957944
Al	2.117423	-2.312068	-2.300296
Al	-0.407264	-1.173846	-2.056142
Al	-1.864615	3.190696	-1.746637
Al	4.088566	-0.238932	-1.653799
Al	-2.561430	0.462893	-1.207525
Al	0.001605	1.456499	-1.182694
Al	2.651273	2.142315	-0.968708
Al	1.770327	-0.409152	-0.467972
Al	-2.292542	-2.298303	-0.326292
Al	0.492878	3.854918	-0.131343
Al	0.547369	-2.816312	0.048624
Al	3.351849	-2.311558	0.361325
Al	-0.657210	-0.388498	0.612346
Al	-1.595912	2.196443	0.928555
Al	3.679697	0.493373	1.156507
Al	1.142018	1.608078	1.371809
Al	-3.097366	-0.120870	1.498014

Al	-3.674854	-2.716082	2.003254
Al	1.512696	-1.082828	2.184751
Al	-1.019735	-2.312720	2.337514
Al	-0.726468	0.513721	3.138986
Al	-2.771510	-1.094270	4.001989
Mg	1.085403	1.798013	-5.831624
Mg	0.299563	-1.645559	-5.036491
Mg	-1.598674	3.902951	-4.839645
Mg	3.869332	-1.137955	-4.706708
Mg	4.038490	2.387128	-3.762611
Mg	-4.167752	1.848093	-3.506297
Mg	-3.131022	-1.642663	-3.484489
Mg	-0.664677	-4.243986	-2.488065
Mg	-0.436485	5.989414	-2.268837
Mg	5.142742	-3.207599	-2.115556
Mg	2.969154	5.180140	-1.664475
Mg	2.453256	-5.135295	-0.831021
Mg	-5.265080	-1.102712	-0.544554
Mg	5.752738	2.244064	-0.539497
Mg	-4.528315	-4.477243	-0.481974
Mg	-4.603523	2.467820	0.078193
Mg	6.304671	-1.121071	0.455371
Mg	-2.279746	5.237724	0.670037
Mg	-1.467360	-5.108841	0.989778
Mg	3.325737	3.788374	1.659058
Mg	1.701307	-4.183157	2.625977
Mg	-5.808574	-0.339487	2.900720
Mg	-0.106534	3.787873	3.207001
Mg	4.340687	-1.745706	3.345423
Mg	-3.411808	2.224727	3.555768
Mg	2.359298	1.186388	4.203617
Mg	-2.049703	-4.305339	4.419525
Mg	-5.144836	-3.040895	4.792707
Mg	0.385506	-1.781578	5.090300
Mg	-1.538635	0.891025	6.133806

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Al30Mg25

Al	-1.575780	-1.780401	-3.992501
Al	-0.870397	1.219906	-3.570429
Al	0.749773	-3.333555	-3.011276
Al	1.867010	1.196707	-2.480612
Al	0.557663	3.535944	-2.354640
Al	0.128585	-0.877145	-2.224110
Al	2.819799	-1.439947	-2.056865
Al	-3.070511	2.225432	-1.934555
Al	-2.581707	-0.397224	-1.859028
Al	-1.579904	-3.007181	-1.456262
Al	-1.651162	4.296997	-1.165949
Al	-0.623419	1.581832	-0.908787
Al	3.930818	0.792342	-0.522811
Al	1.022952	-2.829712	-0.368450
Al	1.515471	-0.083366	-0.059290
Al	1.725845	2.585224	0.045150
Al	-0.967412	-0.973592	0.266965
Al	-3.444091	-1.838608	0.436819
Al	-2.784757	0.978971	0.633758
Al	3.382659	-1.800857	0.753056
Al	-0.983083	3.336768	1.177682
Al	-1.136551	-3.406502	1.356298
Al	-0.045868	1.021739	1.961403
Al	0.939653	-1.674190	2.137123
Al	2.653226	0.713853	2.223482
Al	1.402081	3.308224	2.597620
Al	-1.816668	-0.878968	2.801744
Al	-2.415250	1.943553	3.098590
Al	0.684968	-0.174220	4.285726
Al	-0.178142	2.292532	4.444847
Mg	1.418947	2.668208	-5.250128
Mg	1.419354	-0.861989	-5.036974
Mg	-3.780791	0.530928	-4.616256
Mg	-1.956595	4.083082	-4.312979
Mg	-1.822240	-4.932756	-3.946254
Mg	4.676372	0.568407	-3.667962
Mg	-4.488270	-2.714787	-2.651877

Mg	3.780166	3.697658	-2.060490
Mg	3.467977	-4.441412	-1.395899
Mg	5.855634	-1.679405	-1.193841
Mg	-5.492584	0.354555	-0.873028
Mg	-0.070277	-5.710027	-0.820238
Mg	-3.538315	-4.992290	-0.002816
Mg	0.982295	5.622746	0.182067
Mg	-4.120534	3.788454	0.836187
Mg	4.423679	3.281978	1.523871
Mg	5.715298	-0.013113	1.975660
Mg	1.977618	-4.606849	2.023920
Mg	-4.904771	-0.043004	2.731765
Mg	-3.718999	-3.369836	3.205717
Mg	-1.281513	5.100893	3.680820
Mg	3.441493	-1.814946	4.027988
Mg	-0.417333	-3.184903	4.535219
Mg	2.928908	1.977659	5.094119
Mg	-2.151323	0.156194	5.756704

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Al₃₅Mg₂₀

Al	2.077106	-0.669321	-4.199095
Al	-0.225580	0.906434	-3.909182
Al	0.774920	-2.965809	-3.469560
Al	-1.787632	-4.059497	-3.176192
Al	-1.564494	-1.395942	-3.127309
Al	0.272927	3.562704	-3.098762
Al	2.193880	1.647815	-2.739907
Al	-2.665669	1.038940	-2.508218
Al	0.796273	-0.730149	-1.865177
Al	3.551540	-0.582707	-1.756092
Al	-2.088837	3.717203	-1.753735
Al	-0.302078	1.723056	-1.249190
Al	-3.216399	-2.690827	-1.191820
Al	-0.519164	-3.083824	-1.080690
Al	2.233405	-2.936612	-0.973057
Al	4.169977	2.041990	-0.897062
Al	1.760038	3.511103	-0.704628
Al	-4.300955	-0.226025	-0.559745
Al	-1.634712	-0.590632	-0.479069
Al	1.979033	0.851389	0.050632
Al	-2.780369	1.915269	0.144100
Al	-0.656675	3.651418	0.699000
Al	0.670743	-1.474494	0.829637
Al	3.422354	-1.327436	0.939906
Al	0.655709	-4.180850	1.080651
Al	-1.788929	-2.707077	1.336084
Al	-0.427449	0.997829	1.440559
Al	4.063860	1.334003	1.729666
Al	-2.874296	-0.219388	1.951528
Al	1.620902	2.779398	1.993913
Al	-2.275896	2.459844	2.750609
Al	1.902201	0.116507	2.804751
Al	1.841125	-2.591242	2.980716
Al	-0.585233	-1.091929	3.255381
Al	-0.008695	1.596076	4.036483
Mg	-0.436437	-1.532080	-6.033493
Mg	-2.328248	3.088465	-4.891941
Mg	-4.654285	-1.243440	-3.615657
Mg	3.977477	-3.156787	-3.596239
Mg	0.920198	-5.741981	-1.874150
Mg	-5.207948	2.710164	-1.707195
Mg	-0.022011	6.107189	-1.188960
Mg	-2.187813	-5.544517	-0.123535
Mg	6.222968	-0.248378	-0.046346
Mg	-3.550782	4.869786	0.940694
Mg	4.148983	4.488748	1.159457
Mg	3.836615	-4.452639	1.310397
Mg	-4.953033	-2.583144	1.495865
Mg	-5.370919	1.682972	1.910413
Mg	-0.235965	4.762279	3.641199
Mg	4.620969	-1.099324	3.845191
Mg	-0.759217	-4.183523	3.951719
Mg	3.121897	2.302102	4.719001
Mg	-2.758202	0.323870	5.080684

Mg	1.332823	-0.876978	5.737768
55			
Al40Mg15			
Al	-2.024781	-0.244585	-4.110352
Al	-0.806647	2.602880	-3.962689
Al	0.152610	-2.140727	-3.951260
Al	2.751259	-0.445534	-3.870147
Al	2.031623	2.347479	-3.746286
Al	0.314883	0.342647	-2.973213
Al	-2.013728	1.262585	-1.854383
Al	-1.837394	4.054237	-1.775528
Al	1.578831	-1.716930	-1.704570
Al	4.335684	-1.104807	-1.700045
Al	-1.390262	-1.458150	-1.648900
Al	-0.183448	-3.890010	-1.565195
Al	0.467573	2.628629	-1.507057
Al	2.533700	0.936565	-1.464191
Al	2.918333	3.539593	-0.773493
Al	-2.752268	-3.397790	-0.499134
Al	-3.861829	2.697637	-0.389692
Al	3.450786	-3.256336	-0.241954
Al	0.084031	0.091229	-0.096149
Al	0.651363	4.523669	0.426457
Al	-1.278319	2.590888	0.465775
Al	-2.886189	0.263083	0.485385
Al	4.308242	1.566001	0.509664
Al	2.829553	-0.721655	0.561627
Al	0.913882	-2.791950	0.628949
Al	1.537861	1.888729	1.191535
Al	-1.116538	-4.498272	1.269982
Al	-4.153426	-2.049921	1.310169
Al	-1.402202	-1.746024	1.403420
Al	-3.225671	2.396854	2.340104
Al	-0.991255	0.874435	2.461607
Al	3.016345	-2.651121	2.481575
Al	1.051593	-0.773872	2.520364
Al	-0.265683	3.494347	2.810359
Al	3.453744	0.491728	2.895760
Al	-3.305587	-0.342205	3.216497
Al	0.312854	-3.304168	3.290853
Al	-2.519414	-3.105396	3.348546
Al	1.172575	1.504851	4.014580
Al	-0.924619	-1.087914	4.364789
Mg	0.522495	0.450496	-6.070097
Mg	-4.035483	2.577588	-3.744859
Mg	-2.697415	-3.484673	-3.710231
Mg	3.003819	-3.754663	-3.456075
Mg	0.989763	5.337746	-2.844073
Mg	5.131409	1.907418	-2.749391
Mg	-4.511560	-0.873866	-1.910958
Mg	-2.478788	5.361627	1.160830
Mg	5.769501	-1.320831	1.268761
Mg	-5.831149	0.749398	1.430175
Mg	1.926953	-5.587116	1.486573
Mg	-4.194351	-5.227404	1.679641
Mg	3.166228	3.946410	2.672941
Mg	-1.862055	1.909124	5.266021
Mg	2.172566	-1.361951	5.356984
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Al45Mg10			
Al	-4.505035	-0.945809	-0.234657
Al	-4.013956	1.378318	-1.813134
Al	-3.873594	-0.317131	2.475227
Al	-3.410445	-1.206693	-2.856164
Al	-3.275083	-2.906183	1.433861
Al	-3.078449	3.438252	-0.075364
Al	-2.988183	2.409874	2.602268
Al	-2.568558	0.827823	0.405008
Al	-1.983938	3.177383	-2.696708
Al	-1.963224	-1.774232	-0.643158
Al	-1.765523	0.464654	4.261449
Al	-1.503622	-3.328404	-2.808713
Al	-1.468612	0.565661	-2.229336
Al	-1.418573	-4.376738	-0.156747

Al	-1.333228	-1.146171	2.089487
Al	-1.009901	-0.999663	-4.383217
Al	-0.975801	4.200976	1.722126
Al	-0.877567	3.109838	4.288369
Al	-0.791069	-3.751438	2.555170
Al	-0.531066	2.639886	-0.484447
Al	-0.433741	1.545757	2.126101
Al	-0.104252	1.722500	-4.304705
Al	-0.006659	-0.020563	-0.000736
Al	0.140417	-1.682985	4.287160
Al	0.452314	-1.571762	-2.186811
Al	0.537328	-2.625131	0.485608
Al	0.820679	3.772775	-2.580418
Al	0.980395	-4.173688	-1.687404
Al	1.003397	1.051648	4.404046
Al	1.301678	1.132106	-2.030200
Al	1.422476	4.388809	0.157155
Al	1.474372	-0.547899	2.229981
Al	1.491602	3.361375	2.835882
Al	1.791912	-0.383272	-4.258528
Al	1.966825	1.789905	0.643076
Al	1.995798	-3.157919	2.699869
Al	2.574311	-0.810093	-0.404363
Al	2.623024	2.275457	-4.095524
Al	3.004098	-2.365593	-2.571286
Al	3.090390	-3.418841	0.078364
Al	3.288082	2.933168	-1.466658
Al	3.412301	1.229591	2.854519
Al	3.887315	0.364224	-2.502915
Al	4.021216	-1.355915	1.813949
Al	4.506802	0.968693	0.233187
Mg	-5.688751	1.833920	0.912776
Mg	-4.353953	-3.941381	-1.425732
Mg	-3.241462	1.250644	-4.948423
Mg	-2.948998	-2.527156	4.627915
Mg	-1.168868	5.838347	-1.069058
Mg	1.005347	-3.469666	-4.842670
Mg	1.187787	-5.827159	1.075907
Mg	3.254840	-1.209364	4.949903
Mg	4.345298	3.961990	1.419986
Mg	5.702108	-1.792724	-0.911273

55

Al50Mg5

Al	-0.399747	-0.446573	-4.595388
Al	-1.036359	-3.130706	-4.234181
Al	2.287453	0.480332	-4.001707
Al	1.609672	-2.278687	-3.728269
Al	-2.265992	1.596156	-3.722329
Al	-2.909864	-1.169716	-3.444221
Al	4.190090	-1.327947	-3.079512
Al	2.080320	3.095351	-2.762120
Al	-0.719299	3.746548	-2.593749
Al	-4.666060	0.837034	-2.517272
Al	0.135852	1.193029	-2.477590
Al	-0.519264	-1.566697	-2.109065
Al	0.315307	-4.162865	-2.020162
Al	4.067883	1.237130	-1.902651
Al	-2.440955	-3.487547	-1.846858
Al	2.093575	-0.665451	-1.531818
Al	-3.247753	2.987098	-1.444677
Al	2.998834	-3.237239	-1.427295
Al	-2.323872	0.424216	-1.256658
Al	-4.298937	-1.440549	-0.965589
Al	3.783198	3.751468	-0.650625
Al	1.096460	4.485566	-0.484945
Al	1.880962	1.874601	-0.327710
Al	4.498575	-1.093909	-0.313742
Al	-0.865902	2.609094	-0.154203
Al	0.004188	-0.008974	-0.004944
Al	0.862327	-2.602798	0.160437
Al	-4.519862	1.112116	0.288899
Al	-1.948978	-1.917306	0.338472
Al	-1.066027	-4.457630	0.490499
Al	4.279949	1.518572	0.929692

Al	2.393501	-0.419471	1.297820
Al	-3.000918	3.239074	1.434576
Al	3.207399	-2.983621	1.434597
Al	-2.093761	0.668893	1.539210
Al	2.454769	3.517903	1.829743
Al	-4.057585	-1.185815	1.917420
Al	-0.317676	4.164611	2.027353
Al	0.514597	1.568595	2.115445
Al	-0.130011	-1.163694	2.405384
Al	0.709703	-3.750522	2.643183
Al	-2.043665	-3.068689	2.816808
Al	-4.185226	1.337093	3.088652
Al	2.866672	1.202561	3.447119
Al	-1.611627	2.278423	3.737708
Al	2.203442	-1.603764	3.755076
Al	-2.269235	-0.498246	4.036814
Al	1.024103	3.133949	4.239485
Al	0.384159	0.416977	4.622989
Al	-0.271782	-2.309351	4.835853
Mg	0.304556	2.595870	-5.431458
Mg	-1.899888	5.716192	-0.325185
Mg	1.896247	-5.716022	0.341029
Mg	-4.272889	-4.187837	0.739097
Mg	5.239341	-0.906824	2.840561

55

Al55Mg0

Al	-2.018950	-0.249961	-4.962733
Al	0.368508	1.178463	-4.493653
Al	0.319050	-1.696537	-4.328662
Al	2.740520	2.557472	-3.836170
Al	2.749766	-0.262739	-3.753321
Al	-2.153494	2.169534	-3.517561
Al	2.643668	-3.071944	-3.513077
Al	-2.233532	-2.482332	-3.250653
Al	0.277214	3.603314	-2.942191
Al	-3.761620	-0.093031	-2.749347
Al	0.147667	-3.923527	-2.510309
Al	-1.014740	-0.125641	-2.494295
Al	-2.197702	4.498048	-1.924862
Al	1.377410	1.285401	-1.928072
Al	1.328731	-1.543994	-1.765705
Al	4.130124	1.271502	-1.744311
Al	4.080692	-1.603528	-1.579337
Al	-2.354490	-4.610583	-1.402210
Al	2.602046	3.660810	-1.243062
Al	-3.852920	2.331855	-1.197897
Al	-1.104585	2.260767	-0.967451
Al	-3.932985	-2.320025	-0.930961
Al	2.472510	-3.866075	-0.811116
Al	-1.183378	-2.317306	-0.704761
Al	-5.346508	0.067885	-0.420648
Al	0.080093	4.651858	-0.266953
Al	-2.687232	0.034110	-0.211428
Al	-0.000001	-0.000000	0.000002
Al	2.687233	-0.034108	0.211428
Al	-0.080095	-4.651857	0.266954
Al	5.346508	-0.067880	0.420647
Al	1.183376	2.317307	0.704761
Al	-2.472510	3.866074	0.811118
Al	3.932983	2.320030	0.930958
Al	1.104586	-2.260766	0.967451
Al	3.852921	-2.331852	1.197897
Al	-2.602049	-3.660810	1.243061
Al	2.354486	4.610585	1.402209
Al	-4.080693	1.603527	1.579339
Al	-4.130124	-1.271502	1.744309
Al	-1.328731	1.543991	1.765706
Al	-1.377408	-1.285401	1.928070
Al	2.197704	-4.498047	1.924863
Al	1.014740	0.125641	2.494293
Al	-0.147669	3.923525	2.510311
Al	3.761622	0.093037	2.749346
Al	-0.277212	-3.603315	2.942191
Al	2.233530	2.482334	3.250653

Al	-2.643670	3.071939	3.513081
Al	2.153498	-2.169532	3.517560
Al	-2.749766	0.262734	3.753322
Al	-2.740520	-2.557476	3.836169
Al	-0.319051	1.696533	4.328664
Al	-0.368506	-1.178467	4.493651
Al	2.018952	0.249962	4.962732

Part II

Structures obtained at the DFT level

2				
Al0Mg2				
MG	0.8599225039	-1.7786071045	0.1016409077	
MG	-0.8604228474	1.7784989795	0.0343163745	
2				
Al1Mg1				
AL	-0.7111095475	-0.5398572185	1.2139130450	
MG	0.7265915177	0.5275802870	-1.2138692326	
2				
Al2Mg0				
AL	-0.1100825396	-0.6320822853	-1.1568678791	
AL	0.1065805160	0.6321790073	1.1569648703	
3				
Al0Mg3				
MG	-1.1104694209	1.2087048839	-1.1357835435	
MG	-0.2133808075	-1.9794888345	-0.1443144536	
MG	1.3238502285	0.7707839506	1.2800989971	
3				
Al1Mg2				
AL	0.9043061670	0.3264294126	1.2282789151	
MG	-0.9685108416	-1.5136056515	0.1248925681	
MG	0.0642046746	1.1871752389	-1.3531714832	
3				
Al2Mg1				
AL	-0.3928004618	1.3936109752	0.4634562126	
AL	-0.6723724022	-1.1066674775	0.7965664840	
MG	1.0651728641	-0.2869434977	-1.2600226966	
3				
Al3Mg0				
AL	-0.7572056588	-0.7226540010	-1.1061156076	
AL	1.2246858157	0.8395744350	-0.3384740809	
AL	-0.4674801569	-0.1169214340	1.4445896885	
4				
Al0Mg4				
MG	0.0831167812	-0.3630203897	-1.8888278497	
MG	0.2041700125	1.8911263001	0.2997666277	
MG	-1.7014325523	-0.5799794861	0.6904682691	
MG	1.4141457587	-0.9481274243	0.8985929528	
4				
Al1Mg3				
AL	0.3155382672	-1.4632489145	-0.8090724165	
MG	-1.4350765743	0.8310605550	-0.8694057230	
MG	-0.4304666702	-0.4146877465	1.7742863590	
MG	1.5500049774	1.0468761061	-0.0958082195	
4				
Al2Mg2				
AL	-1.6295888992	-0.0087429578	0.4688320350	
AL	0.6017560177	-1.5822722029	0.1253467512	
MG	0.0909642976	0.5196315977	-1.7691527361	
MG	0.9368675840	1.0713825629	1.1749729499	
4				
Al3Mg1				
AL	-1.5296248467	-0.3580359140	-0.6463243220	
AL	-0.0929615767	1.6607154421	0.3498323748	
AL	1.0292514132	-0.0631617987	-1.3531421362	
MG	0.5933350102	-1.2395177294	1.6496340834	
4				
Al4Mg0				
AL	-1.9292468466	-0.5640098450	0.1202725509	
AL	-0.1251698454	0.0001744833	-2.0098762978	
AL	0.1253164013	-0.0007715081	2.0095822945	
AL	1.9290992907	0.5646068698	-0.1199785476	
5				
Al0Mg5				
MG	1.0170249012	-0.5812156449	-1.3265082244	
MG	-2.4118043017	-0.8713305137	-1.4669305755	
MG	-0.5971813685	1.6654474203	-0.0070870135	
MG	2.4113601800	0.8722837370	1.4663625961	
MG	-0.4194004110	-1.0851849987	1.3341632173	
5				
Al1Mg4				
AL	-0.0283166716	0.3393959604	-1.3369075855	
MG	2.7766253392	-0.4187844119	-0.5862173966	
MG	-2.7869554585	0.6119342624	-0.1867817478	

MG	-0.2728336424	-1.7184904665	0.6930905142
MG	0.3114814332	1.1859446555	1.4168162156
5			
Al2Mg3			
AL	-1.5323163771	-0.3603944034	-0.6721499555
AL	1.0028210747	0.0167660754	0.9802928188
MG	-2.0310392404	-1.4697464200	1.9707754970
MG	0.7602468158	2.2344923921	-0.6461413302
MG	1.8002877271	-0.4211186440	-1.6327780301
5			
Al3Mg2			
AL	0.0217196703	-1.7004797617	-0.4982712870
AL	1.1663646779	0.7720663262	-0.8391390043
AL	-0.7056702090	-0.8312149521	2.0416574976
MG	-0.9107495087	-0.0650798869	-2.5158862874
MG	0.4283343695	1.8247082745	1.8116390811
5			
Al4Mg1			
AL	-0.6332510750	-1.1793948171	-1.4825892723
AL	-0.3683912031	1.5227460505	-0.9299694423
AL	1.4514300571	-1.6463094222	0.2563022900
AL	1.3376418195	0.9512723750	1.1690331728
MG	-1.7874295985	0.3516848138	0.9872232519
5			
Al5Mg0			
AL	-1.7667672835	1.6564506068	-1.2445628279
AL	0.8997328802	-2.5711267571	-0.0548463110
AL	-0.5534817858	-0.5819005552	-0.8241857523
AL	1.3679403935	-0.2953197879	1.3544006487
AL	0.0525747957	1.7918964933	0.7691942424
6			
Al0Mg6			
MG	-2.2761950063	0.0002604191	-1.9132039217
MG	0.8725539445	0.6677002457	-1.0121958545
MG	1.6199614415	-2.4883372468	-0.1943940129
MG	-1.6788115329	2.4988839287	0.1511587678
MG	-0.8602040616	-0.6219883551	1.0487730159
MG	2.3226942148	-0.0565189916	1.9198620053
6			
Al1Mg5			
AL	-0.2897372777	0.1886853374	0.0165249049
MG	1.6478097139	-0.0242776704	-2.2023120407
MG	0.0256454260	-2.4991974261	-1.1730001196
MG	-0.9153767401	3.0784142023	0.8637704741
MG	2.1881379256	-1.2224913069	0.5421391216
MG	-2.6564780477	0.4788658637	1.9528776597
6			
Al2Mg4			
AL	0.3930584664	-1.6123133783	-0.9219618618
AL	-0.5792874331	1.5335022809	-0.7329392440
MG	0.1324718551	0.2022259135	-3.0767933122
MG	1.6308376246	0.1400106951	1.0154807750
MG	-1.0253172279	1.4118808255	1.9925382081
MG	-0.5517632851	-1.6753063367	1.7236754350
6			
Al3Mg3			
AL	-0.6052904228	-0.5776811600	-1.2750498892
AL	1.5321519712	-0.5657976452	0.6186216648
AL	-0.7949302871	1.0753768540	0.7217538783
MG	1.6225225721	-2.2591258576	-1.5170552227
MG	-2.9711068876	1.1226161075	-1.2169089158
MG	1.2166530542	1.2046117012	2.6686374846
6			
Al4Mg2			
AL	1.0740294266	0.2103723920	-1.7499087870
AL	-1.1766444112	1.4414097376	-0.8921686253
AL	1.8996556136	-0.0615877332	0.8054647873
AL	-0.3525003985	1.1701278188	1.6616091688
MG	1.3119534186	-2.4923849905	-0.6874496787
MG	-2.7564946491	-0.2679372246	0.8624541349
6			
Al5Mg1			
AL	-1.6030178530	-1.3490115589	0.4448727533
AL	-1.1170496518	1.1525214021	-0.3740667765

AL	0.4214912202	-0.9601156285	2.2490469643
AL	-0.2801614051	-1.3681515019	-1.8987128872
AL	0.9696574418	1.4696165896	1.1528337630
MG	1.6090792478	1.0551406976	-1.5739728169
6			
Al6Mg0			
AL	-0.5467659909	0.4443340969	-1.6605639131
AL	1.9619440000	-0.0786949179	-0.5423286156
AL	-0.8412308369	2.5039215908	0.0199489810
AL	-1.6997564977	-0.7853320402	0.4139414800
AL	1.5966495952	2.0236608797	1.0810121336
AL	0.7238282601	-1.3210371292	1.4878839940
7			
Al0Mg7			
MG	0.3201581939	0.4935728910	-3.1225374969
MG	0.1450700544	-1.1730748769	-0.4120513582
MG	2.9047790715	0.1427717910	-1.2996057181
MG	-1.1936687879	1.1723287163	1.8716453081
MG	0.7806230809	2.2894255515	-0.6470405592
MG	-2.7642056115	-1.3004790159	0.8830161211
MG	-0.1927560013	-1.6245450571	2.7265727032
7			
Al1Mg6			
AL	-0.0026764269	0.0036002294	0.0069586084
MG	-2.9210549348	0.0340813178	0.7709444091
MG	-2.0111758019	-1.0479535383	-1.9897371228
MG	-1.3489291248	-2.6365956828	0.5945001675
MG	1.3532790966	2.6327705072	-0.6016046580
MG	2.0154312185	1.0589176819	1.9880084387
MG	2.9151259734	-0.0448205153	-0.7690708429
7			
Al2Mg5			
AL	1.7404231208	-0.3645961153	-0.8514271774
AL	-1.8254915159	0.7593497944	-0.1040603146
MG	-0.1948436921	0.9991151612	-2.3855531574
MG	-1.7353313372	-1.8225622873	-1.0611128005
MG	1.7339406677	2.1296511793	0.3254590044
MG	-1.3473315517	-0.8457524696	2.1596812856
MG	1.6286333085	-0.8552052627	1.9170131600
7			
Al3Mg4			
AL	-0.8057397325	-1.6994610553	0.8871248399
AL	-0.2745105459	-0.5431063922	-1.5985932074
AL	2.0941191284	-0.8862834930	-0.5624100877
MG	-2.4524963004	0.4228326612	-0.0233224422
MG	-1.3864359299	3.2699662511	0.2830732276
MG	1.7309173750	-2.3788013400	1.8650757892
MG	1.0941470052	1.8148523683	-0.8509481194
7			
Al4Mg3			
AL	-1.8513157014	-0.8546559149	0.0909573322
AL	-0.5406845720	1.3457236980	-0.9655279764
AL	0.3589896731	-1.3222028855	1.7212029932
AL	1.4805562399	1.0853636184	0.9056958525
MG	-1.1809378732	1.1365298803	2.0907738005
MG	-0.4660911143	-1.4527855704	-2.2570399636
MG	2.1994833480	0.0620281741	-1.5860620384
7			
Al5Mg2			
AL	-1.6049293943	0.8937121034	-1.4891310440
AL	0.9560930555	1.5645609612	-0.8710184440
AL	-0.3321958500	-2.1670517456	0.6028001426
AL	-1.8096899192	0.0205267579	1.0857184210
AL	0.3599797178	1.5148209837	1.7812310100
MG	0.3524122347	-1.1823255966	-2.0030253979
MG	2.0783301556	-0.6442434641	0.8934253123
7			
Al6Mg1			
AL	1.4847856703	0.8756441601	-1.1732400211
AL	-1.7226746767	-1.1446724297	-0.9958150857
AL	0.8647604882	-1.7588954215	-1.1918514424
AL	-1.0827804897	1.4865050160	-0.9845048487
AL	1.2367438763	-0.9701742739	1.3718671581
AL	-1.3314788058	-0.3577903446	1.5717047091

MG 0.5506439372 1.8693832936 1.4018405307

7

Al7Mg0

AL -1.6496250022 -0.0538859314 -1.7656134213
AL 0.4665484715 1.6099748139 -1.1027138580
AL 0.9092785007 -1.0695712437 -1.4325515489
AL -1.9965768267 -0.4265576881 0.8952998018
AL 2.2171159387 0.2328933371 0.9708492013
AL -0.2359958796 1.5198336469 1.4239084016
AL 0.2892537975 -1.8126869346 1.0108204236

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Al0Mg8

MG -1.0524848802 -1.6124858793 -0.1146272671
MG 1.3586262494 -2.3434392316 -1.9274494570
MG 1.4825632751 3.1128080824 0.2806455946
MG -0.9557193748 1.7320342310 -1.2788609751
MG 1.5177860282 -2.7001194721 1.2336549903
MG -3.4367299837 0.3154248641 0.1778605791
MG 1.9221619608 0.0828082504 -0.0732830289
MG -0.8362032747 1.4129691552 1.7020605641

8

Al1Mg7

AL -1.1424533479 -1.1988953061 -1.6833466041
MG -0.6885748311 1.6957109804 -1.5205540367
MG 1.7586616498 -0.9425985450 -1.3004568974
MG 1.9897952921 1.8419747309 -0.0100645473
MG -2.6965054261 0.0170276450 0.3565481717
MG -0.2337412308 -2.6488566382 0.5828700872
MG -0.5788871178 1.7937328268 1.6862576909
MG 1.5917050118 -0.5580956938 1.8887461356

8

Al2Mg6

AL 1.3791816023 1.0771124844 -1.1698687274
AL -0.7586482912 -1.8604434928 -0.6570024427
MG -1.2423225890 0.5075731784 -2.2485107595
MG 2.0912475647 -1.5610010773 -0.2278179523
MG -2.5111370087 0.0182384694 0.5310515021
MG 1.7754613223 0.8955970260 1.6248671995
MG -0.0033777807 -1.5448235214 2.0506455969
MG -0.7304058197 2.4677469333 0.0966345834

8

Al3Mg5

AL -1.7277878364 -0.9928076611 -0.6344592379
AL -0.4824476390 -0.7680604424 1.8589942895
AL 1.3506713492 -0.2019234456 -1.4612305567
MG -1.9476415705 1.5114516722 0.8769995573
MG -0.9497332019 1.4275189616 -1.9812561708
MG 0.4952391893 -2.6376639246 -0.1254559528
MG 0.9629636667 2.1200237292 0.2656804116
MG 2.2987360424 -0.4585378894 1.2007276598

8

Al4Mg4

AL -1.3960653624 1.3328316065 -0.4902144161
AL -1.2691776557 -1.3693964416 0.6775091878
AL 1.3543181874 1.3442229381 0.5650883756
AL 1.3077296431 -1.2935563761 -0.7518509388
MG -1.2224664083 -1.0549622108 -2.0842499630
MG -0.9527179939 1.0119229088 2.2407938010
MG 1.2556223528 -1.1345779839 2.0216542664
MG 0.9227572370 1.1635165591 -2.1787303128

8

Al5Mg3

AL -1.2758050856 -0.6317236270 -1.3219269571
AL 0.2956862768 1.7237216868 -0.8512584573
AL 2.5532816039 0.4881221537 0.3862314320
AL 0.7775063831 -1.7509618198 0.3443287862
AL 0.2281573831 0.6431531515 1.7750388172
MG 1.3600354574 -0.5667646904 -2.1902824130
MG -2.1684606428 1.4698269501 0.4378371085
MG -1.7704023761 -1.3753728049 1.4200316836

8

Al6Mg2

AL -1.8360970060 -0.4590835272 -0.6326723054
AL -0.6537261577 -2.2485089762 0.9270705959

AL	-0.1733918639	1.8191409733	0.7571797058
AL	0.5321622655	0.5110126856	-1.4893367929
AL	0.9926253407	0.0112478022	2.3037749037
AL	1.7313464554	-1.2994020469	0.0427317444
MG	-1.9217470611	0.0321144428	2.2362218764
MG	1.3288280270	1.6334796463	-4.1449697280

8

Al7Mg1			
AL	-1.8415107745	1.1329873887	-0.9694032691
AL	-0.6949563312	-1.3310310363	-1.1977668169
AL	0.6810531642	1.2865271250	-1.8436624678
AL	-1.1841624682	1.8848948322	1.5522536684
AL	-0.2881646164	-0.6369975744	1.3812589875
AL	-0.1251367967	-3.4753283111	0.5150172913
AL	1.3465034737	1.8484545891	0.7732205790
MG	2.1063743492	-0.7095080132	-0.2109179724

8

Al8Mg0			
AL	1.5126988079	-1.3172188939	-1.7196666204
AL	-0.7196530616	0.3731971215	-1.7943511136
AL	1.6344194580	1.0692899897	-0.2511738975
AL	-1.6328976431	-1.0704645735	0.2505964287
AL	-0.6608862539	2.8446332514	-0.2881172007
AL	0.6585077182	-2.8423807039	0.2883853038
AL	-1.5143977903	1.3153108417	1.7181454748
AL	0.7222077649	-0.3723680331	1.7961806250

9

Al0Mg9			
MG	1.3154338291	0.1899598306	-2.0725714466
MG	-1.1748747015	1.9796083801	-1.8907368693
MG	-1.6446389814	-1.0289283323	-1.5066232513
MG	0.9073522360	-2.6594954481	-0.9974602893
MG	0.9226350361	2.2585154463	0.3344602769
MG	-2.0486334995	1.0362250432	0.9015090066
MG	2.2077705473	-0.6180426814	0.8895572349
MG	-0.7526299687	-1.8382774691	1.4553548680
MG	0.2675855027	0.6804342308	2.8865104701

Al1Mg8			
AL	-0.1318377955	2.5413414984	0.3600994294
MG	-2.3220422171	0.8228720484	-0.2606994761
MG	-1.2865108113	-1.8867922460	0.6531958873
MG	-1.3578848617	-1.1305565326	-2.3358946519
MG	-0.5810641309	0.5467030811	2.3505465217
MG	0.4872464636	1.2362687549	-2.0983568758
MG	1.4970950214	-1.5937998140	1.9470821473
MG	1.4634677752	-1.4861839414	-1.1372078818
MG	2.2315285564	0.9501481511	0.5212348999

Al2Mg7			
AL	0.1164324096	-1.8283973637	0.8195780634
AL	0.3230059355	1.8532324391	0.7038301846
MG	0.6377454537	1.0450203187	-2.0562471141
MG	-1.6395800838	-1.1123738900	-1.3550479979
MG	1.3361724609	-1.8177091696	-1.7507417450
MG	-2.0811707745	1.7754471825	-0.8260261445
MG	2.4950747428	0.1490900408	0.1829575245
MG	-1.9990158667	-0.1025205716	1.4953813284
MG	0.8113357226	0.0382110138	2.7863149006

Al3Mg6			
AL	-1.2113165170	-0.4260031738	1.7667909237
AL	-0.2615107583	-0.0416593162	-1.8034843053
AL	1.4536156492	-0.6175897281	1.0164026750
MG	-2.7108537944	-0.7146211000	-0.5656088859
MG	-1.4219265165	2.0250097833	-0.1697527496
MG	-0.2502967582	-2.4689540617	-0.0851836702
MG	1.5331577752	1.7978879546	-0.6775208707
MG	0.4267213613	1.8415013902	2.1466015204
MG	2.4424085588	-1.3955727482	-1.6282446373

Al4Mg5			
AL	-0.5298238254	-0.2619848345	1.8209316920
AL	-0.0449680205	-0.2703518596	-1.9058568022
AL	-0.2107580021	-2.5545671635	0.0010375460
AL	1.7214801891	0.6785234395	0.1980824976
MG	-0.7938311652	1.8588610644	-0.1040931442
MG	-2.3610692184	-0.8229549667	-0.3170527986
MG	-1.8603041714	4.8226101338	-0.2242878751
MG	1.8593658611	-1.6934244371	1.7942978355
MG	2.2199083528	-1.7567103762	-1.2630599511

Al5Mg4			
AL	-1.3751181058	1.0100187941	1.1783056080
AL	-0.9605077862	0.5107655037	-1.4924117284
AL	0.7997836603	-0.6336060681	1.5437434832
AL	1.8022620983	1.0120958260	-0.6579934562
AL	0.9424630655	-1.4692928239	-1.0922295105
MG	-1.7494634789	-1.6536692776	0.3779478471
MG	-0.1557429744	3.0667991125	-0.5684505524
MG	-0.5502053170	-3.9882114271	-1.1818596538
MG	1.2465298382	2.1451013604	1.8929469630

Al6Mg3			
AL	-1.7669642213	1.0251862492	0.2267101218
AL	-0.9043711658	-1.4957603670	-0.5104113975
AL	1.1127863862	0.2078463198	-1.8386477549
AL	0.8955365849	1.2930075713	0.9171737154
AL	1.4222108019	-2.2445881677	2.6197191729
AL	1.8037757931	-1.2613302053	0.1899277292
MG	-1.6017790575	0.3824510938	-2.5512505186
MG	-0.8759215278	-0.6156425648	2.3091367276
MG	-0.0852725938	2.7088290706	-1.3623587958

Al7Mg2			
AL	-1.6282333484	0.6427889219	0.2399842232
AL	-1.6631574493	-1.6245350965	-2.7216794938
AL	-1.0751210688	-2.0654381015	-0.1390030264
AL	-0.3628215372	0.7276174228	-2.3488369189
AL	0.1245489842	-1.0361673004	2.0500714498
AL	0.8837328564	1.9415049500	-0.2891609306
AL	1.3819258118	-0.8632878268	-0.6878319406
MG	-0.1492381570	1.7920772687	2.3550053518
MG	2.4883639082	0.4854387617	1.5414512854

Al8Mg1			
AL	0.0787775553	0.7898123906	-3.2157865547
AL	0.4954196830	-1.4544747907	-1.8412263100
AL	-1.6645594126	1.2061127855	-1.2428226993
AL	1.5419122116	1.4768714051	-1.0593568983
AL	1.7135086726	-0.7835931320	0.4445217335
AL	-1.3185094838	-1.0941257017	0.1164431202
AL	-0.2423851941	1.6510975573	0.9801695604
AL	0.8148847363	0.0262406892	2.8492418704
MG	-1.4190487683	-1.8179422032	2.9688151178

Al9Mg0			
AL	-2.0038355173	-0.9430771123	2.4656592192
AL	-1.2171886340	-0.0702149856	-0.8792120738
AL	-1.0075573180	1.2933538157	1.5426745229
AL	-0.2750996040	-2.2903161061	1.0063562299
AL	0.7280398166	1.7114327920	-1.6963784891
AL	0.2698342840	-2.4217315336	-1.5412276536
AL	2.0301446585	-0.5309627490	-1.9767639719
AL	0.1682727246	3.2929166545	0.3319746224
AL	1.3073905896	-0.0414017755	0.7469165941

MG	0.4392357751	-0.0553913684	-2.6113949971
MG	-0.5881634296	2.5817553743	-1.5103477456
MG	2.3474229781	-1.7054336970	-0.9275587909
MG	-2.3681503696	0.1433589647	-1.1857235297
MG	-0.5948734904	-2.4492317702	-0.8294982588
MG	-1.0497163081	1.4170421691	1.2908855445
MG	1.8105530654	1.2190682340	-0.1634419305
MG	0.7581733322	-1.2192277971	1.6510961484
MG	-2.3014864300	-1.3804690798	1.4416120108
MG	1.5470038768	1.4485289704	2.8443705489

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Al1Mg9

AL	0.3738193367	1.5535805539	-0.4835109962
MG	-2.1427964162	-1.5133903114	-0.2231693434
MG	-2.4229013291	1.3493181981	-0.9653097438
MG	-1.1402198668	0.6675777013	1.7884705107
MG	-0.6006669827	-0.3982037536	-2.6532089169
MG	-0.2531845288	-2.1737964096	2.1002469121
MG	0.8173812528	-2.3779144458	-0.7596407910
MG	1.2288928117	3.1383780443	1.7783231486
MG	1.8359565910	-0.2015235590	1.2478942229
MG	2.3037181313	-0.0440260182	-1.8300950030

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Al2Mg8

AL	0.0657708826	-0.4662377992	2.5780372149
AL	-1.6790137282	1.0490522492	0.5343412603
MG	-2.4505517580	-1.4197258486	1.6902091988
MG	-1.6543691971	-1.1577093995	-1.2309762277
MG	0.8528586960	3.4326458895	-3.6852613090
MG	0.1535211111	-2.7159334072	0.8466613183
MG	0.7348221060	2.1025349090	1.5704343498
MG	1.2639134195	-1.6745197827	-1.7292222005
MG	0.4486647462	1.2193497406	-1.3431748535
MG	2.2643837219	-0.3694555510	0.7689522487

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Al3Mg7

AL	0.2160482471	-2.0882660674	-0.8088641919
AL	-0.6003241958	1.4831352792	-0.7619673658
AL	1.1327368346	-0.4864891738	1.1976400242
MG	1.0031309354	0.1379542070	-2.7737900626
MG	-1.8929644602	-0.6506442969	-1.9760459539
MG	2.9294865006	-1.2096626692	-1.0131517303
MG	2.1901604128	1.6379782460	-0.4695471962
MG	-2.9307036079	0.5566564242	3.3835545865
MG	-1.6423824431	-1.0862511998	1.1168274783
MG	-0.4051882234	1.7055892506	2.1053444118

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Al4Mg6

AL	-2.1636850946	0.0362191398	-0.6261136929
AL	-0.9781494612	1.4893721540	1.2265316645
AL	-0.2989365047	-1.2272227080	0.9714684266
AL	1.4197759983	-0.0913761046	-1.1528339737
MG	-0.1546227842	2.1766503245	-1.4731519456
MG	-0.1748791447	-2.4806233176	-1.6717178191
MG	-2.7641675486	-1.7836582711	-2.7104285695
MG	1.8767728145	2.0743744011	0.8114488249
MG	0.7664355654	0.6332561891	3.2249027673
MG	2.4714561598	-0.8269918072	1.3998953176

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Al5Mg5

AL	-1.4735037758	0.8897997887	-0.5991329225
AL	-1.1046951779	0.5414630256	1.9227457663
AL	-0.8159459785	-1.7723281792	0.1725744279
AL	1.0386562513	-0.3677935123	-1.4585718214
AL	1.8811650192	-0.9226175439	0.9117661656
MG	-2.2368109447	1.2118116451	-3.2980767493
MG	-0.0444286994	-2.0385575226	2.8247527736
MG	1.3927077622	0.6123967957	3.2270555590
MG	1.0903486373	1.8778791791	0.4527813384
MG	0.2725059063	-0.0320536763	-4.1558945376

10

Al6Mg4

AL	0.6373201904	0.3492165678	-2.6225835905
AL	-1.4066369210	0.0288937215	-0.8892641561

AL	1.0699342070	1.2656804075	-0.1221103134
AL	-0.4713896527	-2.5017502214	-0.9587808445
AL	2.5255994135	-1.0034074276	-0.0347412563
AL	0.1529845687	-1.0842955120	1.2494947384
MG	1.8764871349	-2.2025451326	-2.5238484189
MG	-2.9410220247	1.6740350709	0.8988007632
MG	-1.2308128402	0.4417346283	3.2544394196
MG	-0.2124650759	3.0324378976	1.7485946585

10

Al7Mg3

AL	-0.1233536732	0.0116418731	-0.5450350685
AL	-0.7098286321	-2.0897226382	1.3654660716
AL	-1.0882128772	-0.4830445078	-3.0605524275
AL	0.2811847237	2.1670787247	1.5582216126
AL	0.6728499894	1.5458642772	-2.8067823762
AL	0.5928011722	-0.2585669810	2.7881821794
AL	2.1619119192	-0.9787624252	0.7208315539
MG	-2.0437590515	0.5527153402	1.5329458340
MG	-1.9761079842	-2.1974714684	-1.0769262271
MG	2.2325154138	1.7302688054	-0.4763501521

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Al8Mg2

AL	0.8372797230	-1.9009525691	-2.4349323076
AL	-1.7563929424	-1.2916727465	-1.8368276049
AL	2.8781192885	-1.1755471247	-0.6365046498
AL	0.2913553750	-0.4665841452	-0.1491920436
AL	-1.7988581819	1.7292634253	1.1709335534
AL	-2.2814723569	-0.9334826794	0.7995452286
AL	2.3300778483	0.0907273661	1.6969057164
AL	-0.2130052924	-0.0852643992	2.5463228361
MG	-1.1785213620	1.6523956085	-1.6285820963
MG	0.8914189006	2.3811162642	0.4723313677

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Al9Mg1

AL	-1.8002069247	1.5794456530	0.2872247581
AL	-1.5545951213	-0.1914044687	2.4436302423
AL	-0.1303558334	-0.6142456821	0.0180198574
AL	-0.4188458574	1.2200664475	-2.0416011105
AL	0.9313529931	1.0043496118	2.0023308921
AL	-1.3848306495	-2.6980962174	1.2669055244
AL	1.3109652764	-0.9453542926	-2.4155107274
AL	0.0389717878	-3.0724862220	-1.1664786869
AL	2.3093436468	0.6391264102	-0.3339081005
MG	0.6982006822	3.0785987604	-0.0606126489

10

Al10Mg0

AL	-2.9863134141	-0.5735428037	0.3557229312
AL	-1.5039738899	-1.0951969243	-1.7577925693
AL	-1.6539197438	0.5714489464	2.3162536055
AL	-0.7903755901	1.4817364970	-0.1272944200
AL	1.1164074354	-1.9810671247	-1.1218114130
AL	0.8560110628	1.4354294950	2.9521652414
AL	-0.1199772932	-1.3167518681	1.0407736840
AL	0.4242328917	0.9149989456	-2.3281320309
AL	1.8590787088	0.6691112620	0.5360938521
AL	2.7988298323	-0.1061664253	-1.8659788810

Al0Mg11

MG	-0.5615850972	1.4137515900	-2.5028897616
MG	-1.1108905586	-1.1599961323	-1.0416778334
MG	-1.2694974295	2.8634131523	-5.2831081339
MG	1.7126567296	0.3465284974	-0.8314988801
MG	1.5098857959	-2.7164303771	-0.6735884000
MG	-0.8868942059	1.6415888482	0.4876871551
MG	-2.7459638193	-0.5877934662	1.4917357633
MG	-0.2884784821	0.1300078049	3.1109417253
MG	-0.4994530169	-2.6286455553	1.5990576001
MG	1.8617655098	1.8525106250	1.8377909378
MG	2.2784545741	-1.1549349869	1.8055508274

Al1Mg10

AL	1.9611907958	-0.8733206095	0.3392893155
MG	0.5555565449	0.1715742341	-1.9592373073
MG	0.0727243732	-2.6740977693	-0.8172922127

MG	-2.3194227535	-0.5719977339	-1.5127135116
MG	-1.2257297331	2.2514774267	-0.7306851838
MG	1.7508968698	3.2837237872	-0.9407670439
MG	3.7704820750	1.2371420470	-0.2457620863
MG	-2.5331885399	-2.6353617614	0.7142173822
MG	-2.4265746232	0.3237154508	1.4164127605
MG	0.4292599251	1.2488183458	1.5627237662
MG	-0.0351959341	-1.7616724175	2.1738131212

Al2Mg9

AL	-0.4089250470	-2.1829176356	-0.9804585598
AL	-0.5678089955	1.4180099519	0.1258138999
MG	-2.3139985529	-0.7742208901	0.4618154844
MG	-1.7370112561	0.6369118547	-2.2987320993
MG	-1.0054797927	2.4661618873	2.8751917194
MG	0.3602225099	-1.0948976259	-3.4818282160
MG	0.5072506691	-1.4129869034	1.5661566902
MG	-0.4447752997	-0.2111642676	4.2037808928
MG	1.1560485985	1.4472267710	-2.1826475579
MG	2.1824923566	1.0363012424	0.7035519371
MG	2.2719838098	-1.3284243847	-0.9926431909

Al3Mg8

AL	-1.3343660099	0.0092868802	-1.0308256901
AL	1.6014261690	1.0704890650	0.4748119897
AL	-0.0721670450	-1.5017534177	0.7328587715
MG	1.3771604921	-0.5058589913	-1.8909467460
MG	0.1514033559	2.4632664957	-1.4779067161
MG	2.3396681928	-3.2723340846	-2.5005581364
MG	-2.6923355416	2.4644021992	-0.4710868864
MG	0.9817105279	-4.0922465608	0.0583579254
MG	-0.5118208162	2.7916463849	1.5111144540
MG	-2.2596545611	0.2489998054	1.6592224252
MG	0.4189752360	0.3241032242	2.9349576092

Al4Mg7

AL	-1.6765963584	0.4498861226	0.5221255983
AL	-1.3087365903	-2.2462635133	-2.8185787384
AL	0.3880310984	-1.3205110401	0.8946995871
AL	1.5069953579	0.3915925816	-0.9292222148
MG	-2.1971311769	-2.2922182515	-0.2129316668
MG	-1.0829640901	0.4863317925	-2.3786451201
MG	-0.4929022699	2.2043573853	2.6092767557
MG	-0.1522283405	2.6542767853	-0.4568654376
MG	1.4236252308	-0.0964053604	3.2019918435
MG	1.2318419720	-2.3602900313	-1.7611756289
MG	2.3600661670	2.1292445292	1.3293250220

Al5Mg6

AL	-0.6560507233	0.0746259439	-2.7610635555
AL	1.0062419825	0.5509938969	-0.1611512809
AL	-0.5448672521	-2.1290535628	-1.3644508908
AL	-0.2124817349	2.7951093110	0.8043905591
AL	0.3593997866	-0.4141823665	2.3537422138
MG	2.0791902149	-1.0763404837	-2.1932867380
MG	-0.6718975764	2.6467166118	-1.9008055471
MG	-1.9274515554	0.1729875407	-0.0254703121
MG	1.6842817183	-2.2224812572	0.5240291247
MG	-1.3210098183	-2.4851372439	1.2870906097
MG	0.2046469581	2.0867626098	3.4369758170

Al6Mg5

AL	-3.4568067112	0.6314956017	1.4816734497
AL	-0.5842663549	-0.8913922213	-0.9215989301
AL	-0.7085165675	0.7879475421	1.5248638542
AL	-2.2136797615	2.0554898034	-0.7150818035
AL	0.6192835350	-1.4368389561	1.5801462490
AL	0.2932203993	1.7181102327	-1.3438069144
MG	-3.4096525647	-0.8287064766	-0.9076448018

MG	2.5334618628	0.1451652789	-1.7098553419
MG	1.9526573886	1.5331227250	1.0195536338
MG	1.5877502121	-2.6464042038	-0.9306335382
MG	3.3865485620	-1.0679893261	0.9223851433

Al7Mg4

AL	-1.6968401247	1.5788517995	1.0532584307
AL	-2.2756778620	-0.9955992531	0.4519894069
AL	-0.5734631917	-2.5566430483	1.7928008639
AL	-0.2630163970	2.7761921266	-1.0022541655
AL	1.0602291585	-2.8600753539	-0.2377649875
AL	0.4940902784	-0.2774179509	-0.0990580056
AL	2.3157885908	-1.4067445822	-2.0429843965
MG	-1.6758233406	0.4702668868	-1.8700398188
MG	-0.1674137638	-0.0523640992	2.8819015235
MG	1.1807066397	2.0932468598	1.3573810543
MG	1.6014200124	1.2302876150	-2.2852299054

Al8Mg3

AL	-1.9531302312	-1.6720585744	-1.5601456186
AL	-2.4980161288	0.2453720298	0.0757068308
AL	0.2974823083	-2.7804752762	1.2385804132
AL	0.8872139040	2.6208645339	1.3235394428
AL	0.1595104324	0.0904425342	-1.2201840386
AL	0.0190557745	-0.2125318725	1.5394977231
AL	2.6380811310	-1.0190155914	-1.3784201258
AL	2.5181260925	0.7664400848	0.4733066035
MG	-0.9242202185	2.7503313655	-0.8882184714
MG	-1.7293711841	2.0765471775	2.0497966283
MG	0.5852671198	-2.8659164111	-1.6534593874

Al9Mg2

AL	0.3300499218	-0.8322930997	-2.2872744050
AL	0.2911740478	1.7094162696	-1.6747048313
AL	-1.8294534544	2.0865591737	0.6971340569
AL	2.6393387111	-1.3909795941	1.4195303152
AL	1.3115585231	-2.5665076662	-0.5904388789
AL	-1.4005473321	-2.5994138028	-0.4030165498
AL	0.3430836523	-0.0968526533	0.4934708907
AL	0.7220079399	2.9070720524	0.5875693726
AL	2.1915095418	1.1841235564	2.0312425266
MG	-2.2872322030	0.2123105466	-1.6787822190
MG	-2.3114893483	-0.6134357824	1.4052707220

Al10Mg1

AL	-2.6120586616	-0.6163688669	-0.4516536698
AL	-0.2155070962	-1.2943522417	2.7664825953
AL	-2.1170781533	1.6008361675	0.8261196910
AL	-0.4656324467	0.8705643580	-2.7186768326
AL	-0.1797439136	1.4673376225	2.6517172238
AL	-1.1140570065	-1.7824651017	-2.2708255827
AL	0.0531064593	-0.6116394796	0.1734818858
AL	0.2436236281	2.0890097624	-0.5139312332
AL	2.8460219258	-0.6924380360	-0.0678489929
AL	2.1042041583	1.3884933297	1.2964818467
MG	1.4571201064	-2.4189775142	-1.6913479315

Al11Mg0

AL	-2.3805243941	0.2326681000	0.6461246416
AL	-1.9484067861	0.6146082610	-1.9346650569
AL	-0.0058491988	-3.2724172001	-0.1185602520
AL	-0.6782897406	-1.8313023035	2.1254869798
AL	-0.6029015918	0.8935246749	2.6250173188
AL	-0.3890625146	2.2430888507	0.1026072980
AL	0.6012528018	0.9903567991	-2.6053711147
AL	0.7508550347	-1.7849800301	-2.3382220078
AL	0.3474351697	-0.4901904180	-0.0046612014
AL	2.0685039546	0.8409674507	2.0711704021
AL	2.2369862652	1.5636748154	-0.5689270076

Al0Mg12

MG	-2.6787027438	-0.2081765896	-1.3448551495
MG	-2.3899142590	-0.4784955679	1.7447867023
MG	-1.5333726076	2.0885131077	0.3228352859
MG	-1.8361561333	-2.9332355698	-0.0903859782
MG	-0.6907529005	-2.0867020542	-2.7494484326
MG	0.6233851511	0.2516811958	1.5613648229
MG	0.3255759166	0.5247083435	-1.5844989403
MG	-0.2144580815	-2.5355630763	2.4256953346
MG	0.6480189994	4.2807090457	0.3333187894
MG	1.2267304805	-2.2457659740	-0.3117192895
MG	3.4475465923	3.1965882938	-0.0300949922
MG	3.0720985857	0.1457398454	-0.2769971528

Al1Mg11

AL	0.8856886988	-1.5237560072	-0.3630438089
MG	-1.0232711295	-0.9846266057	-2.5268343178
MG	1.1447551846	1.0538449281	-1.6558337697
MG	-1.7548034411	1.5302847264	-1.1254117375
MG	-1.5274266181	-3.3401334960	-0.7173694108
MG	3.4569294802	-0.3371604982	-0.1398781785
MG	-3.2473007608	-1.0851047905	-0.1613579407
MG	3.1530889426	2.4924025624	0.4703165134
MG	0.3322310326	3.0093970058	0.6636637383
MG	-1.7081669900	0.8991562989	1.7664392679
MG	-0.9182027599	-1.9761005342	1.8984219990
MG	1.2064793606	0.2617984103	1.8908866454

Al2Mg10

AL	-0.8916977542	1.2391711006	0.4635116418
AL	0.3686415574	-0.9709715613	-1.2302460398
MG	-3.5358146802	0.7576304363	-0.7295148042
MG	-3.7660039307	-2.2396259098	0.1742756193
MG	-1.0214070330	-1.5748096497	1.2843634320
MG	0.3642108959	1.7446047977	-2.0160423103
MG	-2.2294788787	-1.5684787381	-2.4821968306
MG	0.6958956642	0.5304872226	2.6595862587
MG	1.5568527541	2.7303076379	0.5796382120
MG	1.9951317592	-1.7454430791	0.9157465278
MG	2.9347616612	0.3447006990	-1.2575387785
MG	3.5289079847	0.7524280439	1.6384160717

Al3Mg9

AL	-0.2924659972	1.1170336093	1.3904671405
AL	0.3331243176	1.1576224494	-1.3278377496
AL	1.1642818345	-1.3315591968	-0.3700846965
MG	-3.4989286935	-0.9562063892	-1.5554423781
MG	-2.5607551544	1.5295910544	-0.1264909864
MG	-1.9405828047	1.0759360141	-3.0779475051
MG	-1.5633408368	-1.4449622966	0.7006583327
MG	-0.6793258591	-1.6172192106	-2.4039809768
MG	0.7218592615	-1.4408156015	2.6141658535
MG	2.1497628741	1.2338113741	2.8788253082
MG	2.7347092012	1.6290278933	-0.0637603715
MG	3.4316628569	-0.9522606999	1.3414280292

Al4Mg8

AL	-0.7441740603	1.1759593945	-1.2772665214
AL	1.2850345277	-0.8122537098	-1.1153049972
AL	-1.5999499393	-0.5411433312	0.8323412173
AL	1.0587589977	0.1805752102	1.5446849958
MG	2.2986467633	1.7926464351	-0.8261454360
MG	-1.6176619754	-1.3348986659	-2.1881827052
MG	0.4292070577	-3.4516581359	-1.5053129695
MG	-1.9828443351	-3.2308123998	0.1368191903
MG	0.0203581454	3.7574726079	-0.4987792279
MG	1.5328221821	2.9264811079	1.8643194656
MG	-1.3749568308	2.1363237542	1.6434275407
MG	0.6947594669	-2.5986942673	1.3893994475

Al5Mg7

AL	-0.9755811547	-0.4322923242	-1.1870279316
AL	1.1160137731	3.1466572917	-0.1447659171
AL	0.0798121130	-3.0174927137	-0.6482773363
AL	0.9448976775	0.7511711053	1.3134291965
AL	1.9783424492	1.0399612507	-1.4624517611
MG	-0.9454965874	3.1101471666	1.7217744360
MG	-2.4033242739	-2.5228205495	0.5666792943
MG	-2.1333052303	0.3853333187	1.4580989530
MG	1.3134449319	-1.4882364343	-2.6187116792
MG	-1.3286704293	2.2747267515	-1.2432907704
MG	0.0336778799	-1.8173277154	2.0316993313
MG	2.3201888509	-1.4298281475	0.2128421847

Al6Mg6

AL	1.4409850262	0.0312299704	-1.9502242402
AL	0.3526906402	2.0634263983	-0.8237593876
AL	-0.1053442289	-2.5776016197	-1.5931739486
AL	1.4445692405	-1.6272987666	1.1324856876
AL	-0.7153335796	-0.3695816471	-0.0735068452
AL	-1.8227425818	1.9985861505	1.0064191471
MG	-2.8963433643	-1.9908521550	-1.3609604630
MG	2.6348254213	0.9326278067	0.6548457686
MG	-3.8616640674	0.4234224473	-0.1331977928
MG	2.6614897356	-2.3289991788	-1.2216786964
MG	0.6793377214	3.1005494775	1.7824108834
MG	0.1875310367	0.3444911164	2.5803398870

Al7Mg5

AL	-1.7695830000	2.5947728419	-1.2401708752
AL	0.2987170783	-1.3564537233	-1.6136216902
AL	2.5637784589	-0.0919312641	-1.9149622676
AL	-2.9517771672	1.0325916313	0.5164547084
AL	-0.1857297838	0.6953381945	0.1523853665
AL	-1.8835162347	-0.6002039522	2.3593089006
AL	-0.2773735550	-2.3237684905	1.0126004086
MG	0.7111935410	1.9217967681	-2.3383442545
MG	-2.3888683753	-1.4162757850	-0.7071841162
MG	2.4334787474	-1.7008263128	0.5312467129
MG	2.5607658684	1.2600610403	0.5691872113
MG	0.8889154221	-0.0151009482	2.6730998955

Al8Mg4

AL	-1.6287197041	-1.7043534835	-1.8504698107
AL	-1.7619228619	0.9323784718	-1.6847465254
AL	-1.1259037875	0.6820976378	2.5963659105
AL	0.2041781356	-0.6218876884	0.3828744080
AL	0.6633593012	-0.1670657949	-2.8643323261
AL	1.0804473900	1.6009872938	-0.8561754499
AL	0.9106931426	2.2859757259	1.7820555450
AL	2.4103000493	-2.2048483515	0.6784176039
MG	-2.6111448510	-0.6911561379	0.6769414073
MG	-1.5055437098	2.6796876029	0.4104277026
MG	0.8557469428	-2.8887597176	-1.4854841337
MG	2.5085099526	0.0969424417	2.2141256685

Al9Mg3

AL	-2.1772839713	-0.2275732400	1.8799375799
AL	-1.2654649452	0.5376785742	-2.4926576378
AL	-1.0528382566	2.0105995302	0.9460053643
AL	-2.6497833674	-0.7870472834	-0.6844529611
AL	0.8347642503	0.3671448922	2.5665004774
AL	-0.3371851808	-2.0165544373	2.4995984035
AL	1.5617653495	0.8183694890	-2.1802429702
AL	0.0815533696	-0.4755635040	-0.1331132579
AL	2.0959470655	-1.7384856325	-1.7610071035
MG	0.9837974482	-3.1617870887	0.3784365060
MG	-0.0966564268	2.9798397551	-1.4706618011
MG	2.0213856649	1.6933789454	0.4516574006

Al10Mg2

AL	-0.8557683891	-2.5145082722	1.4698582120
AL	-2.4188613515	0.3188833655	-1.0615291061
AL	-2.0554006579	1.2731536871	1.3621430640
AL	-0.6117077488	-0.3279852604	2.9248848363
AL	0.3369305870	1.8538336662	-1.7707963782
AL	0.1409328665	-0.2340968500	0.1267955682
AL	-0.6074152200	-0.4158484442	-2.9208667291
AL	0.3292120625	2.7242432288	0.7091422544
AL	1.6089143678	0.9555919634	2.2811320713
AL	2.9623412518	-0.2289229980	0.3501487750
MG	-0.8909462471	-2.6445710885	-1.2797490118
MG	2.0617674789	-0.7597729977	-2.1911625561

Al11Mg1

AL	-0.0484736725	-1.0622484372	-2.3342143693
AL	-2.3560968388	0.1422523540	-1.8765382106
AL	2.4462546565	-0.9877746014	-1.4690726226
AL	-1.8746434163	2.3121383586	-0.4282374149
AL	2.7460011398	1.2196208683	-0.0276464894
AL	0.0875495353	0.3888685837	0.0575152031
AL	-1.9351333635	-1.7406892340	0.1180254112
AL	0.9060404420	-2.4152778130	0.3533394501
AL	-2.4104458170	0.6260590469	1.5507170540
AL	2.1529501338	-0.4674017186	1.9357270152
AL	0.7480058514	2.9778442829	-0.5235975319
MG	-0.4620096507	-0.9933916901	2.6439805050

Al12Mg0

AL	-2.4920925130	1.0851224301	0.5422906923
AL	-0.3480244094	-3.0106929018	0.0860864050
AL	-2.1174727037	0.4362156200	-1.9670364928
AL	-1.1116311672	0.4417692784	2.6727499551
AL	-0.0370316516	2.1822791155	-1.3954170443
AL	-0.7207044491	-1.7939546925	-2.2997342589
AL	-0.0345680559	-0.3156962283	0.0092521320
AL	0.5311693289	2.1881139481	1.2719984533
AL	0.3179499505	-1.7771869858	2.3978575803
AL	1.1636839826	0.0341226295	-2.6830892804
AL	2.1789656148	0.0596733363	1.9516015762
AL	2.6697540732	0.4702344506	-0.5865607178

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Al0Mg13

MG	-2.4331447790	-0.6755819030	-0.9177391806
MG	-2.5552588605	2.3087839574	-0.1597501191
MG	-0.6605451464	-0.1101766886	1.4968532785
MG	0.2788280928	0.6844039304	-1.4105496139
MG	-1.3257035557	-3.0787388718	0.5687244879
MG	-1.2059032480	3.8673437751	2.0516886376
MG	-0.3524772360	-2.2591385271	-2.4531492569
MG	2.3187161764	-0.4084575280	0.6825582001
MG	1.3438085767	2.4127381361	1.1005553296
MG	-0.3147025754	4.2840218914	-0.8028792011
MG	0.8861184891	-2.4875272141	2.4932964191
MG	2.4355269751	-1.2000454907	-2.3137943078
MG	1.5847360908	-3.3376254671	-0.3358146734

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Al1Mg12

AL	-0.2235993351	0.0310236290	1.5536917179
MG	-1.4614216802	-1.2198654527	-1.9126872242
MG	-0.9515697095	1.6792758614	-1.8984336414
MG	1.4474965428	-0.2441878570	-2.0587058073
MG	-3.5492196909	0.6347374223	-0.5570081996
MG	3.4278382610	-2.1120951289	-0.6253634787
MG	3.9462798001	0.8110929092	-0.6050168705
MG	0.5034249114	-2.4195146095	0.1255805530
MG	1.3046025013	2.0977098640	0.1482807835
MG	-2.4072094743	-1.9096088621	0.8304731899
MG	-1.6026928165	2.6051543851	0.8647718437

MG	2.5641961768	-0.4680686128	1.7603908706
MG	-2.9981254869	0.5143454522	2.3740272632

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Al2Mg11

AL	-0.0649659787	0.8709629436	-0.1339296107
AL	-1.1060830245	-0.8431450697	1.8087540565
MG	1.0642963004	2.5236577862	-3.8418446538
MG	0.8177746726	-0.2073097869	-2.7768657752
MG	-0.2816303369	3.5709719412	-1.3821921479
MG	-1.1148748938	-3.4456813007	0.7279565445
MG	1.0108668879	-2.8647602900	-1.3262672567
MG	2.6531141084	-0.4928903264	-0.3212292878
MG	-1.6630978815	-1.1937763727	-1.1358400806
MG	-1.8045293420	3.1053240926	1.2080632797
MG	1.4800624009	0.3667782056	2.2788419283
MG	1.5908933373	-2.5178504288	1.6609141451
MG	-2.5818252502	1.1277186060	3.2336388585

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Al3Mg10

AL	-0.5139416137	-1.6406101071	-2.1740447051
AL	0.0705136395	0.5209086677	-0.4954534984
AL	0.8423053225	-1.6192557533	1.8959247337
MG	-0.5739590586	0.0804297408	-4.3928793439
MG	0.1317060687	2.4776304916	-2.7994047072
MG	-2.4546635059	-0.6758240889	-0.1491420855
MG	1.9578038785	-1.7582531313	-0.6256005894
MG	-0.5668322473	-3.4149681651	-0.0111227325
MG	1.1317892343	3.3785826843	-0.1095514140
MG	-1.9234726585	-2.1541114154	2.3195395426
MG	-0.9821233157	0.7793789807	2.1623027168
MG	2.1811245673	0.8370399774	1.5596391629
MG	0.6997496889	3.1890511184	2.8197939199

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Al4Mg9

AL	0.7600842166	0.2623043008	-1.1511009045
AL	-1.9701113792	0.8453109881	-0.3790055290
AL	-0.5495375096	-0.8188508980	1.1400689185
AL	2.0430601542	0.4569224356	1.2793746869
MG	-0.1860825687	2.7036181883	-1.9608786812
MG	-3.6422053487	-0.9222722347	-1.7723578857
MG	1.5969497115	-2.4139245033	-1.7738826048
MG	-1.4879201592	-2.8212596699	-1.1718684230
MG	1.4812870756	3.1144149959	0.5193321064
MG	3.2526074369	-2.0242794169	1.1092287250
MG	0.5988236182	-3.4628653307	0.9438711616
MG	-1.4986326132	3.5199078284	0.6794970219
MG	-0.3983216345	1.5609743164	2.5377224078

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Al5Mg8

AL	-1.8175525590	0.7831889806	2.3015398741
AL	-2.3484511080	-0.6266945483	-0.0586290132
AL	-0.7640488431	-1.6693092360	2.0704792198
AL	0.2793851411	0.3294101010	-0.2879301975
AL	2.2004046542	-1.8158981066	-1.6375203576
MG	-3.0842254639	2.0204343271	-0.2605986036
MG	-0.5084342337	-2.2558843415	-1.2702645744
MG	-0.5031863408	2.8085635539	0.7865938931
MG	1.4240167774	0.4509782856	-3.1825292361
MG	1.1134381572	0.5918889162	2.4483836296
MG	-0.6915241830	2.2641464797	-2.2795748914
MG	1.5678291446	-2.7473637099	0.9955721633
MG	3.1323488569	-0.1334617016	0.3744760941

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Al6Mg7

AL	-0.0284041506	-0.2325868718	-1.6286839329
AL	-1.0555395993	2.4345860621	-1.1872331847
AL	-2.4821144427	-1.3771548918	-0.5822739507
AL	2.8758088005	1.6853223456	0.6275942411
AL	1.1234818585	-2.8821732285	1.3700071653
AL	-1.0964539403	0.5656409529	1.0358145021
MG	1.6927377255	2.0171002031	-1.8455576336
MG	-0.1895552744	-2.9990814893	-1.0591977881
MG	-3.4951524462	1.0447043231	-1.7153923114
MG	2.3569750665	-0.9627667404	-0.4330268359

MG	0.4638964517	2.9180113575	1.1797794304
MG	-1.4500868597	-2.0879587293	1.9838822698
MG	1.2844058104	-0.1236412934	2.2542870284
13			
Al7Mg6			
AL	0.4291216935	1.6518745480	-2.3674568091
AL	-1.0894236058	-2.2885293682	-1.4984551020
AL	0.3959696484	-0.4944374152	0.0318482591
AL	2.7063707737	0.9907568379	-0.9899042750
AL	-1.8534094709	0.1609273392	2.2300462576
AL	-1.6213173448	-2.3316102472	1.0891390430
AL	2.3580466108	0.7031494542	1.6095443904
MG	-1.3906077038	-0.2166866637	-3.3815621501
MG	1.4216906437	-1.2077610925	-2.5007253571
MG	-2.2835230564	0.5034754510	-0.6071799371
MG	-0.0606160807	2.3559344921	0.4052199659
MG	0.6913954673	-1.4264469751	2.6858019140
MG	0.2963014251	1.5993536393	3.2936848004
13			
Al8Mg5			
AL	-2.8483521706	0.4980202991	0.6838704318
AL	-1.7436916556	2.2565788186	-0.8649091021
AL	-1.2472736557	-0.5988370031	-1.5623307672
AL	-2.7260237764	-2.1689357228	0.2685093117
AL	0.0078357286	0.7895630988	0.8065510011
AL	-0.2457769017	1.4780349938	-3.0344515040
AL	1.3965840658	-1.0096245111	2.4968590260
AL	2.8884328462	-1.5661223316	0.3676091159
MG	-1.3714108906	-1.1259098633	2.6479100831
MG	0.1632738784	-2.4396148357	0.1305637016
MG	1.1252696941	2.9153518781	-0.8591336954
MG	1.6886632461	-0.2804104457	-1.8325960282
MG	2.9124695915	1.2519036249	0.7515464257
13			
Al9Mg4			
AL	-2.7592879874	-1.3551431247	-0.5933358214
AL	-2.8256881926	0.7426652244	1.0783518428
AL	-0.6451374866	2.0644958344	1.8948210374
AL	-1.1610855030	-1.0069455863	-2.6917609991
AL	-0.6797377280	-2.8901056126	0.0877292074
AL	0.8030294637	2.8170603929	-0.1892141742
AL	1.1437373128	-2.0253213851	-1.7386602305
AL	-0.3387216664	0.0033610988	0.0455202494
AL	0.3772686037	-0.2211567413	2.8688509225
MG	-0.5082515095	1.6665081666	-2.4155152066
MG	2.3223897951	0.5086984103	-1.1148744869
MG	1.8641033513	-1.6755586083	1.0249922108
MG	2.4073805468	1.3714399310	1.7430954483
13			
Al10Mg3			
AL	-2.2048033954	1.9555841740	0.2653365147
AL	-2.5533043804	-0.4326610881	-1.0916101963
AL	-1.8687632378	-2.1942730974	0.8133837909
AL	-2.3060532930	0.0997248891	2.1633646856
AL	0.3333300940	2.7767218372	-0.0620939665
AL	0.0033900845	0.1297896813	0.5116640319
AL	2.2669070283	-0.4610332145	2.4038787926
AL	1.6620515702	0.8385231410	-2.1534903000
AL	2.5097534931	1.3711544365	0.5152631043
AL	2.4451353999	-1.1728989273	-0.6140650008
MG	-0.9991320305	1.4055982137	-2.4970106633
MG	0.8292611768	-2.6108197758	1.4040826156
MG	-0.1177715098	-1.7054092697	-1.6587034087
13			
Al11Mg2			
AL	-1.4946485077	-1.8273831434	-1.2431878826
AL	-2.0545103652	0.4381775294	2.1660354691
AL	-2.7587646805	0.4927966346	-0.3986494812
AL	-1.3746232996	-2.0933130306	1.6287472544
AL	-0.7175445015	2.7895470468	-0.4194256338
AL	0.0897464939	-0.0181797085	0.3426193524
AL	0.0774306589	2.1004754269	2.1205951335
AL	1.8167854058	1.5075182039	-1.5620424375
AL	2.6690854479	-1.2021376554	0.5983513572

AL	2.4534415371	1.4296821372	1.0206700645
AL	1.342521719	-1.1963317671	-1.9685117614
MG	-0.7805109233	0.7427718635	-2.4124094548
MG	0.7315595625	-3.1636255372	0.1272090204

13

Al12Mg1

AL	0.3677684940	-0.6968277618	-2.8332785428
AL	1.7991315281	1.4197572664	-1.9841212593
AL	2.4803751795	-0.9024970255	-0.6222786514
AL	-3.0080482268	0.4109149976	0.0743094948
AL	-1.9952375646	-1.2728006916	-1.7434958514
AL	-0.1873295544	0.3332563707	-0.2571402782
AL	0.8388663741	2.9464624069	0.0197642068
AL	2.0972953670	1.0016842324	1.5400755769
AL	-1.5200727396	2.4205283893	1.0971700082
AL	1.0033012138	-1.4684653630	1.5489324864
AL	-1.6418438535	-1.7754855358	1.2184133965
AL	-0.5126243277	0.4433176086	2.7147745100
MG	0.2784181102	-2.8598438942	-0.7731250965

13

Al13Mg0

AL	-0.7355218891	-0.6708012462	-2.5627539108
AL	-0.2955806230	2.0333733122	-1.7629563315
AL	1.4278487776	-1.9138705423	-1.3724325138
AL	2.0244866884	0.7153748196	-1.6752465068
AL	-2.0377828015	-2.2134721844	-0.2438326226
AL	-2.8298427278	0.2109349734	-0.9407246443
AL	-1.8983420443	2.1810335230	0.5218798943
AL	-0.2491542950	-0.1060976610	0.2559005323
AL	2.6086594381	-0.2901718367	0.8420281375
AL	0.2655856747	-2.8269213501	0.9144117978
AL	1.3498160087	2.3519237000	0.6714630018
AL	-0.3595077226	1.4639320712	2.5908798757
AL	0.7293365158	-0.9352385785	2.7613832904

Al0Mg14

MG	-0.7437838881	-0.0345432167	-3.7149471454
MG	1.9769719220	0.8762846011	-2.5521514537
MG	-0.3645452127	2.8884710299	-2.6332223064
MG	0.4298935280	-1.6776598219	-1.3154770829
MG	-2.9510381843	1.2215846850	-2.0259511137
MG	-1.2903662721	-3.1959252659	0.7162977898
MG	3.0997433410	-0.6736782561	0.0871858462
MG	0.9047010716	1.2879428860	0.2228234744
MG	-1.6107501565	2.9207853639	0.1909237343
MG	1.5718157496	-2.9096135230	1.4538287250
MG	-2.0674151393	-0.2390636140	0.6031129753
MG	2.1621765565	-0.2042787452	2.9808418281
MG	-0.6449613023	-1.6349948435	3.1569911078
MG	-0.4724420133	1.3746907201	2.8297436213

Al1Mg13

AL	0.0020920079	-1.3596884698	-0.4324801371
MG	-2.2545692123	1.2072379368	-2.9590951659
MG	0.3343195421	-0.4093074341	-3.0997940250
MG	0.5146438165	2.5854925896	-2.8583430804
MG	-2.3755628526	-1.7541463990	-2.0991428765
MG	-3.5525764076	0.3636675106	-0.3442327181
MG	1.9436508133	0.8415209228	-0.6385816233
MG	2.4438062191	-2.0133352418	0.9151986956
MG	-0.9483884396	2.0038394999	-0.1721270772
MG	-0.2790217073	-2.9984870031	2.0415156441
MG	3.4886791512	0.5616929865	1.9848543883
MG	-1.4078633906	-0.1169158574	1.8967860362
MG	1.2000545327	-0.8442089587	3.5452534741
MG	0.8907369274	1.9326399178	2.2201884653

Al2Mg12

AL	0.8858104115	2.1684874767	-0.0055963650
AL	0.1819896017	-0.4541765829	0.2316051164
MG	1.1428809190	1.7795302259	-2.9530930456
MG	-0.9758559564	-0.6813391134	-2.3262992823
MG	1.8614954747	-1.0581552149	-3.3605187746

MG	1.5620930450	-2.8025999760	-0.9032073531
MG	-1.5487798367	2.1890389057	-1.5603698701
MG	-2.5992994585	-0.0294331180	0.2288811270
MG	-1.6310894747	2.9380728353	1.4013512224
MG	2.8256151199	0.2070890073	-0.8531034436
MG	0.7320967550	-4.1970959141	1.5774792503
MG	-2.3075031547	0.6716093068	3.1772398245
MG	0.5820210722	1.1225799577	2.6668062771
MG	-0.7114745179	-1.8536077960	2.6788243167

Al3Mg11

AL	-0.5873196550	0.0491533665	-0.7669485578
AL	-0.0084447718	-1.1531756817	2.4474896911
AL	2.1129017658	-0.0919595932	-2.3461437463
MG	-2.6654455909	0.4094022175	1.2694202402
MG	-2.5428704467	-2.2792522124	2.2787383693
MG	-1.6416500514	2.7810137318	-0.3524037507
MG	-2.3373623354	-2.2050694486	-0.6740799086
MG	0.4872970412	-2.4636765030	-1.9459403339
MG	0.5136057225	2.2538991543	-2.4262852710
MG	0.5519380398	1.4748197496	1.6829534746
MG	0.9892051959	3.9933027508	0.0016962439
MG	0.0826973817	-3.4370140307	0.7399466304
MG	2.0589831379	-1.0804491059	0.4710230352
MG	2.9864665665	1.7490066052	-0.3794661167

Al4Mg10

AL	-1.6706888813	-1.3674657825	1.4424803925
AL	-1.1213288899	1.6119086267	1.0698118098
AL	-0.4630779069	-0.5547687069	-0.7121097189
AL	1.3417332771	-0.9358191927	1.4791589743
MG	-1.8876913348	0.6939247706	-3.2433639250
MG	-2.0749091971	0.6358028836	3.5174889172
MG	-1.6954143055	-2.2218565625	-3.1616692566
MG	-0.5927113147	2.7676354769	-1.5755134268
MG	-0.0554890543	-1.4635610656	3.8568865610
MG	0.8878584275	1.3772939030	3.2368099101
MG	1.1785499562	-2.4158807578	-2.6827574971
MG	1.4886690115	1.0048980154	-2.6272865067
MG	1.6765764196	1.7182828039	0.3418490653
MG	2.9879217926	-0.8503934122	-0.9417862990

Al5Mg9

AL	-0.4728696936	0.4336932330	-1.2078760509
AL	2.0464711438	-0.4295406912	-2.1884992262
AL	-2.8382507959	1.1609322327	0.2917531459
AL	1.3899282927	2.3462883260	1.4725205412
AL	0.4764930149	-0.4550938868	1.2175258032
MG	-0.0850931501	-2.3308309035	-2.3266594961
MG	1.6799503310	2.3070948515	-1.3983279206
MG	3.1665299957	0.3165421719	0.3956864974
MG	-2.6765040415	-1.4683888605	-1.0167961892
MG	-0.5870855477	-3.2033458872	0.5090804804
MG	-2.2765367848	-1.0245434013	2.0201829329
MG	-0.9227020229	3.1996365628	-0.1694327403
MG	2.1940927923	-2.5631423973	-0.1910765234
MG	-1.0944225339	1.7106986501	2.5919177457

Al6Mg8

AL	-2.3345331283	0.4028134471	-1.7884975699
AL	-1.0605935711	0.4435212150	0.7401404459
AL	-1.0231912247	2.6729888256	-0.9507528737
AL	-0.8493468740	-1.9339663478	2.2338924125
AL	1.0823000005	-0.4578159766	-0.7836368253
AL	2.5046247192	1.0865072481	1.3099933937
MG	-2.5100971909	-1.9790311379	-0.1173602499
MG	-0.7475422692	-1.8942822327	-2.6525455038
MG	0.1867888529	-3.3061192034	-0.2163267153
MG	0.2347724961	2.9192313623	1.5740681486
MG	0.4059695951	0.4067353520	3.2780605300

MG	0.1591236710	0.9865375376	-3.1920072432
MG	1.9211010469	2.3804537858	-1.1403142492
MG	2.0306218764	-1.7275758750	1.7052872996

Al7Mg7

AL	-1.7883359841	-2.4191701952	0.1170761948
AL	-1.4467397180	0.3659119138	1.0576247352
AL	-0.6509859959	0.8212844296	-2.8653624603
AL	-0.1580052665	-1.8472816809	2.1845750130
AL	0.1633420848	2.7624827622	1.2184254690
AL	0.7327196289	-0.1853449213	-0.5427288756
AL	2.5531128931	-1.3220505580	1.3531532216
MG	-2.9149439074	-0.2486487300	-1.3550058953
MG	-1.8549041817	2.5293085936	-0.7782129176
MG	0.8637498595	0.6394011406	3.0062595063
MG	-0.5139150006	-1.9564032954	-2.5048033604
MG	1.1134756442	-3.1122537646	-0.1907481440
MG	1.1249501397	2.5441565612	-1.5304355860
MG	2.7764798042	1.4286077445	0.8301830991

Al8Mg6

AL	-1.4009651255	-0.8445504771	-2.3535781323
AL	-1.3103111819	1.9801743523	-2.0632892088
AL	2.7866447497	-0.4021017588	-0.8489965722
AL	-1.0616017085	-1.7447813969	0.1806012511
AL	0.2991765755	0.6132167292	-0.0482035700
AL	2.5972805784	0.3369157115	1.6865108091
AL	-1.9186132187	0.4021633515	2.3283231541
AL	0.2690676881	-1.1712868768	2.5042524319
MG	0.9630231570	-2.2737538230	-2.1343452603
MG	1.0608483941	0.8602925671	-2.8485211025
MG	-3.0561168228	0.2656821125	-0.3834762313
MG	-1.5725534331	2.7210950199	0.6073429098
MG	1.7784556547	-2.6252626650	0.7327097178
MG	0.5656636929	1.8821961537	2.6406688035

Al9Mg5

AL	-0.7867856395	0.4949030081	-2.7661285636
AL	-1.9214052062	0.9006430735	-0.1858861334
AL	2.4978352047	1.8007486775	0.2609614005
AL	0.0472590722	2.5621487673	-1.2766795409
AL	0.5576612922	-0.2392488085	0.0463333714
AL	-2.2181068360	-1.4880907863	1.1727331491
AL	-1.2860768174	0.4903541659	2.5757950679
AL	-0.1797941458	2.6047147953	1.3292917601
AL	0.6985913017	-1.8205914635	2.3256563602
MG	2.2002771114	0.7561793576	-2.2842586272
MG	0.9171875901	-1.9167914983	-2.3754413107
MG	-2.1152635033	-1.6801862303	-1.6334984898
MG	-0.1148534355	-3.2399210347	0.1006712285
MG	1.7034740114	0.7751389766	2.7104503280

Al10Mg4

AL	-2.0140917301	-1.4658207696	-1.3735855961
AL	1.3633689169	1.4323459729	-2.1869060602
AL	-2.7158490652	1.1763355246	-0.1904488804
AL	-0.0956619570	0.1607917367	0.1843323744
AL	-0.5995258060	2.7503557280	-0.8072849492
AL	1.8736702876	-1.9341679621	0.6153708078
AL	2.8250522288	0.4881761162	-0.2712481938
AL	-0.6638203311	-2.7638364039	0.4477594154
AL	0.6374497673	2.4229927228	1.5425405833
AL	0.0044008113	-1.0266045864	2.7064290915
MG	-1.2238840998	0.6661577250	-2.8360091786
MG	0.8334289656	-1.4275094977	-1.9639738708
MG	-2.5673660924	-0.8425841286	1.6537196075
MG	2.3428281042	0.3633688221	2.4793038493

Al11Mg3

AL	1.3225069531	1.2112120256	-2.2723668236
AL	-1.3906165242	1.5713219577	-1.7238251128
AL	-0.4553829169	-2.6973511292	-0.7731733366
AL	2.5258308267	1.6744329618	0.1202991086
AL	0.1480833017	0.0013872175	0.0889870654
AL	-2.2843846475	1.1903688545	0.9178116140
AL	-1.6485232455	-1.3910208067	1.8225591991
AL	0.0227040149	2.8680122379	0.3350895599
AL	0.8914981981	-2.3409281735	1.5993088957
AL	2.0782617299	0.0388581431	2.1621136157
AL	-0.2867656001	1.2116939501	2.7719467331
MG	-0.3616740513	-0.9229076805	-2.9324537981
MG	-2.6919369696	-0.9510237279	-0.8984814115
MG	2.1304009306	-1.4640538304	-1.2178163089

Al12Mg2

AL	-2.6664274797	-0.9038562128	-0.3798311015
AL	-1.6884631994	0.9739403783	-2.1790131235
AL	-2.0435432897	0.7708557057	2.0163120832
AL	-1.5865739280	2.5505075136	0.0853772820
AL	-0.9547538446	-1.6074051367	2.4675021216
AL	-0.4151000869	-1.3948024906	-2.4939613340
AL	-0.5128206709	-2.7120697858	-0.0577787395
AL	-0.0609555186	0.0716464928	0.0236729836
AL	0.8896586120	1.2215350544	2.4033291552
AL	1.1716289931	2.6800572773	0.0533907014
AL	1.7109342784	-1.3875010028	1.6683819088
AL	2.8338426017	0.5458387449	0.0389191817
MG	1.2575571768	1.0159246336	-2.3902016111
MG	2.0650173557	-1.8246731720	-1.2560995080

Al13Mg1

AL	-2.2346310367	1.5339403105	0.0713713814
AL	-2.0501017760	-0.8034835242	-1.4776125223
AL	-0.9636663630	1.1434119469	2.5277778685
AL	-0.9379165519	1.1827171448	-2.9934175380
AL	0.1550123239	2.7444338031	-0.5645490103
AL	0.1223191245	0.0107315353	0.1121765343
AL	-0.8495305025	-2.7343862593	0.1672759101
AL	0.5639470035	-1.2895982323	2.5815277729
AL	0.5771036883	-1.6239145834	-2.0947632375
AL	1.8589260756	-2.2628109099	0.2648712908
AL	1.7749519006	0.9434225267	-2.0696877371
AL	1.4828172068	1.9413506042	1.7191190634
AL	2.9915377900	0.2271075139	0.2127368707
MG	-2.4907698833	-1.0129218764	1.5431743531

Al14Mg0

AL	-2.4748107492	-0.0820324913	1.6396818206
AL	-3.0906423085	-0.0770342823	-1.0353080721
AL	-0.7345787753	-2.4981784322	-1.5497333151
AL	-0.8299831738	2.4966502016	-1.4026844158
AL	-1.1942817359	2.3176567349	1.2437118548
AL	-1.1456207030	-2.4322546701	1.1310395338
AL	-0.8414276402	0.0150232637	-2.7914597458
AL	-0.3111255635	-0.0346625655	-0.1054948697
AL	1.8430128559	-1.3906142091	-1.4093418178
AL	1.5816438086	1.7935652422	0.8636349547
AL	0.1262422817	0.1958216184	2.7440980849
AL	1.5475665791	-1.6803257747	1.2725730384
AL	1.6289129594	1.2685166120	-1.8278601423
AL	3.8950921648	0.1078697524	1.2271430913

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Al0Mg15

MG	-1.0524622170	0.9796198656	-3.4142280115
MG	1.8267926933	0.9522917403	-2.6377515343
MG	0.5837198919	-1.6885258223	-3.2402316590
MG	-0.3404675032	-3.2219272511	-0.8557165438
MG	-0.1074121822	2.0055656090	-0.4849370756
MG	-2.4013310260	-1.6210740624	-2.2984058033

MG	1.7738112611	-1.0497162160	-0.2920930992
MG	-1.6546692138	-0.9618826994	0.7763856982
MG	-2.9728692988	1.0658007612	-1.1354598381
MG	2.8173742915	1.7565543077	0.4468143734
MG	0.6444512549	-2.4175520368	2.2292425307
MG	0.8599590056	2.5305203693	2.5577499090
MG	-0.4918792648	-0.0637057331	3.6641965508
MG	2.4994057783	-0.1371205798	2.7302864053
MG	-1.9844244707	1.8711517479	1.9541480974

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Al1Mg14

AL	-0.5616989178	-0.2802750932	0.3293445892
MG	-4.3550633464	-0.4666298700	2.3441847783
MG	-2.6872002388	1.8402976139	1.3819221872
MG	-1.9986448459	1.5607016797	-1.4985434236
MG	-2.3885422666	-2.4710142483	1.3962244804
MG	-0.2672009639	-0.7063501825	-2.5321202022
MG	-0.5473688938	3.6552193302	0.1304220772
MG	0.1693279735	-3.2485612820	0.0692726691
MG	0.1193344799	1.7496047826	2.3793937542
MG	0.8098454696	2.2707606395	-2.2396700678
MG	1.7418982397	-2.9235260679	-2.5187404400
MG	2.0246472928	-0.4916927203	1.6431201574
MG	2.5236034113	-0.1033245939	-1.3714116646
MG	2.2397645078	2.4114976039	0.3651921371
MG	3.1773000986	-2.7967065919	0.1214079679

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Al2Mg13

AL	-2.1793995496	-0.0172503706	0.8415965987
AL	0.6524634375	-0.2108643077	0.3763796299
MG	-1.6662302617	-2.8180749722	1.0547607728
MG	-1.1965665906	2.1024703858	-0.8881163906
MG	-1.4957347332	-1.0965866793	-1.7789233569
MG	1.2935560240	3.2154915331	-2.0988178846
MG	-1.4929232403	-0.7470828883	3.4277635692
MG	-1.1092795340	2.1799168577	2.3472636029
MG	0.8841636966	-2.3250989866	2.3629755020
MG	1.4154567358	2.5891786637	0.7261876918
MG	0.9178662113	-1.8629985656	-3.4091790271
MG	-0.2430270057	0.9766654792	-3.5597696390
MG	1.1853912032	0.5878653610	3.1615677650
MG	0.7735626475	-2.9467101779	-0.7136682708
MG	2.2607009592	0.3730806677	-1.8500205633

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Al3Mg12

AL	-0.0633906966	-1.1917936225	-2.7821607533
AL	-0.3265252707	2.2067090862	1.7524079686
AL	-0.5739007673	-0.0980448648	0.1516364403
MG	1.8419293802	0.7430005915	-2.2102421137
MG	-1.1484139562	-3.4330331723	-1.4818127002
MG	-0.8213752642	1.7599774117	-3.0393912009
MG	0.7169822628	3.0977026401	-0.7993116078
MG	1.5687632958	-1.9670452360	-0.5212263310
MG	-0.9195355704	-2.8689000476	1.3445245320
MG	-2.1817288696	2.2950765257	-0.4547435012
MG	-2.5663735520	-0.3673116799	-1.7958942291
MG	2.1892562881	0.8537817011	0.7467436647
MG	1.5309399167	1.0820701633	3.5777955718
MG	1.7639968200	-1.7318707559	2.5008266164
MG	-1.0106250165	-0.3803197407	3.0108486433

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Al4Mg11

AL	0.1429102558	1.1043344439	-0.6025992022
AL	-0.5254786110	-1.4485399790	0.3405061783
AL	1.9032336268	-1.6405691820	1.4683412428
AL	-1.5314453417	2.1791516278	1.9424205522
MG	1.4810894148	-0.0464071403	-3.0123020088
MG	-1.4300241346	0.5181297053	-3.0532249496
MG	2.2195736508	-2.3113875525	-1.2039895289
MG	-3.0512294144	-1.2674650895	-1.0919694206
MG	-2.8411646837	1.7039228735	-0.5886663554
MG	-0.5114505577	-2.3201155990	-2.5966830904
MG	1.1972405421	2.6322512873	1.5497878625
MG	3.0027227403	0.6885331980	-0.4756807489

MG	-2.9381713352	-0.2893562512	1.7080105822
MG	-0.0959098444	-0.1269979303	2.9597277797
MG	2.9781046921	0.6245175881	2.6563211071
15			
Al5Mg10			
AL	2.1886439291	0.4969289476	-1.1432402453
AL	-1.9086877689	-0.8115947752	-2.2237794413
AL	1.6378835896	2.4420361252	0.6816914589
AL	-0.1669202724	-0.2514748791	0.3101400996
AL	-2.2876493525	0.7841169644	1.9810687912
MG	0.7932031225	-1.1819456084	-2.9562874157
MG	-0.3008289669	1.7204694933	-1.7538057170
MG	-0.3309042087	-2.9658054551	-0.8481171063
MG	-3.0391963762	1.4331987800	-0.7796312058
MG	2.6427961248	-2.2778068209	-0.6710302431
MG	-2.9018245878	-1.3980123548	0.3411420216
MG	3.0954112677	0.0595395004	1.5425082848
MG	-1.0797518015	3.1206802758	0.8314751206
MG	0.4287118114	0.9736897783	2.8724966350
MG	1.2291124900	-2.1440199714	1.8153689627
15			
Al6Mg9			
AL	-2.6094553239	-0.7446890218	-0.3771908072
AL	-0.8041012408	-2.9392030520	-0.5697737690
AL	-0.0643168704	0.0312149808	0.2901624375
AL	0.2632496453	0.9684985663	-2.3428999320
AL	0.8977938689	-0.3440142946	3.0159595882
AL	2.8143161544	-0.3760237289	1.0116687273
MG	-2.1317222822	1.8519212631	0.9219822986
MG	0.9400162208	2.2512726726	2.0771563719
MG	-1.2098610952	-1.3238548380	-2.8351429587
MG	-2.4482316746	1.6175782429	-1.9489514835
MG	-1.2097306979	-1.9361248581	2.0983756534
MG	1.6837710711	-1.4196085454	-1.3994084184
MG	-0.1117405451	3.2688822903	-0.6338096075
MG	2.5247734364	1.8854630914	-0.5438683559
MG	1.4652393331	-2.7913137685	1.2357392552
15			
Al7Mg8			
AL	-2.7656035539	-0.1082057622	0.5684868302
AL	-0.9678308382	-0.6277737686	2.6690945141
AL	0.3164204088	1.6295538043	-2.3360330971
AL	0.4231510065	-2.7578685491	-1.1631426677
AL	0.1067374128	-0.0563094857	0.0683153121
AL	2.6596389179	-1.3361747144	-0.2100711049
AL	2.5281203723	1.3002700289	-0.6079816603
MG	-1.7825690207	-2.6933236886	0.5765491764
MG	-1.5025262155	-0.7474691166	-2.0093363821
MG	-1.4674865281	2.0642563866	2.0805861718
MG	-2.0112058843	2.1951852699	-0.8783580211
MG	0.9558749498	-2.4508150034	1.7604022904
MG	1.5564996999	-0.7649007953	-2.8350159685
MG	1.3420050381	1.1490415618	2.1834565540
MG	0.6087752347	3.2045328324	0.1330490527
15			
Al8Mg7			
AL	-1.7066884809	0.5223014490	-2.2701367243
AL	-1.4112485549	1.3893475539	2.1090580361
AL	-1.8561243123	-1.4439994532	1.7375992227
AL	0.0821521357	-1.7108796459	-2.3475488678
AL	0.4380062659	-0.7337215986	2.7962372907
AL	0.0046381184	0.0056072552	0.0026836712
AL	2.4373376580	-0.9764134522	-1.2626733881
AL	2.2434993508	1.7733846528	-0.4358800978
MG	-3.1290976464	0.6601002960	0.0625405592
MG	-2.2296053730	-2.0820892705	-0.9546398753
MG	-0.5624570547	2.5741290929	-0.5402060462
MG	0.6006159918	-2.5890817177	0.4315652143
MG	0.9800142649	1.0632299420	-2.8268386498
MG	1.2766934410	2.0424627548	2.1113838681
MG	2.8322641957	-0.4943788584	1.3868587872
15			
Al9Mg6			
AL	-0.4038110620	0.6415028886	-2.7627164377

AL	0.2951891477	-2.0198708766	-1.9031459357
AL	-1.9098615380	-2.1972792982	0.5808030646
AL	-1.8349803051	1.9827128005	-0.7594634078
AL	-0.0057841521	-0.0526818369	0.0291388194
AL	2.4440265092	-1.4929162672	-0.1343851875
AL	0.5281505655	-2.6010151060	1.4008545525
AL	-0.9880643540	-0.4020527883	2.7322830879
AL	1.6689786605	-0.1546111549	2.4652387047
MG	2.3180000872	0.3192740785	-2.2220634174
MG	-2.5257922411	-0.8076176065	-1.6844984721
MG	0.8655960543	2.7649907443	-1.1437452741
MG	2.7986927278	1.4026336914	0.5594575667
MG	-3.0493210623	0.4105388264	1.1486122465
MG	-0.2010180377	2.2063929048	1.6936310900

15
Al10Mg5

AL	1.2834582568	1.6035444348	-2.0331522247
AL	-1.9082454288	0.7419013132	-1.7689536723
AL	1.2246592753	-2.4265481155	-1.1239029182
AL	2.9487080568	-0.5411802716	-0.3704516022
AL	-2.4168697219	-1.4571705700	0.6371305009
AL	0.0457257686	-0.0757452524	-0.0290283695
AL	1.9617115133	1.9764576772	0.5269407087
AL	0.4286707469	-2.6295442709	1.4174655249
AL	1.8453156720	-0.3245429163	2.2159995449
AL	-0.9660961082	-0.4358951619	2.6268346629
MG	0.3756958539	-0.6631409729	-3.2221221026
MG	-1.5505745680	-2.2907415272	-1.7991325381
MG	-0.6328380824	3.0063851725	-0.4611739853
MG	-2.6121385090	1.3771979419	0.9723923960
MG	-0.0271837254	2.1390205192	2.4111540747

15
Al11Mg4

AL	-2.5640968920	1.1817514464	-0.6873489139
AL	-2.4871037703	-1.4231699004	0.4478375508
AL	-1.6277580469	-0.5896217585	-2.5792609451
AL	-1.8451686091	1.5205692775	2.0412219630
AL	-0.3812410893	2.8315905792	-0.0531512878
AL	-0.7709950659	-2.7336630391	-1.2697179087
AL	-0.1175422325	-0.0404334109	-0.1302195885
AL	-0.5653976900	-0.7832155643	2.5671653889
AL	1.3135736913	1.4605552229	1.6284016667
AL	2.0245521688	1.7120183788	-1.2159596040
AL	2.7090579153	-0.5180284952	0.1399954708
MG	-0.3296138332	1.8453326267	-2.7051048195
MG	1.3190850567	-0.9617866344	-2.3997295509
MG	0.9221515659	-2.6244674598	0.9546504841
MG	2.4004978311	-0.8774312688	3.2612190942

15
Al12Mg3

AL	-2.4130162703	-0.7154800193	0.3778484850
AL	-1.8476445053	1.7607989835	-0.9430715528
AL	-3.3871024395	-1.0220916669	-2.4905719564
AL	-0.8596508427	2.5236318789	1.5237247396
AL	-0.3979992492	-2.2725454128	-0.9859192716
AL	-1.3761221607	0.2230427585	2.7350175974
AL	0.2141334162	0.1794475184	0.1418535101
AL	-0.6763205466	-0.0411758162	-2.6454379198
AL	1.0052893678	2.0709290231	-1.8320716306
AL	1.7722883880	2.4783798305	0.7506237204
AL	1.8536125446	-2.1646657488	0.6547397068
AL	3.1032055952	0.2175801381	0.1536920343
MG	-0.5098001920	-2.3710694687	2.0544681649
MG	2.0060415662	-0.8888869793	-2.1216722336
MG	1.5130873284	0.0221059811	2.6267766064

15
Al13Mg2

AL	-2.6197193696	-0.2111425345	-1.6841538497
AL	-2.6310441430	-1.6871687757	0.7212045921
AL	-0.6896603087	-2.0179020563	-2.4812855633
AL	-1.2469594873	0.0541707946	2.4416295570
AL	-2.4152515227	1.4551794903	0.4159016995
AL	-0.2214211966	-0.3961462383	-0.1305621973
AL	0.2548750576	-2.3260666057	2.2507058575

AL	0.1173556346	-3.2198259708	-0.2653998833
AL	1.2661406379	-0.1099310273	-2.6040773213
AL	1.6709735448	0.0341691343	1.8893724939
AL	2.6619197008	3.8751449333	0.7760229502
AL	2.0099594641	1.4691592061	-0.5168032770
AL	2.4134719600	-1.4542391764	-0.4129209317
MG	-0.6006595409	1.9955151973	-1.7623917747
MG	0.0300175688	2.5390836290	1.3627576480

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Al14Mg1

AL	-2.4312854930	1.2419968250	-1.8769666765
AL	1.7322559554	0.0742244998	-2.2206730313
AL	-0.5157861684	-1.1780211312	-2.8251513982
AL	-0.0131876419	2.2437907384	-2.0081301797
AL	-2.5397518326	-1.5422807433	-0.9732591794
AL	2.6110527123	-0.6044552302	0.2432178082
AL	-0.3148391936	0.2057829815	-0.2191384792
AL	-2.6816274081	1.4234028149	0.8404081214
AL	0.4703101360	-2.3858159144	-0.3166833152
AL	-0.4720798016	2.9904766884	0.7893856747
AL	2.9870667413	-2.4306242646	2.3123494080
AL	-1.9887159488	-1.0428897526	1.6345351694
AL	0.7272412879	0.7742921317	2.2190488800
AL	0.3226952773	-1.9406643948	2.4912823531
MG	2.1066523779	2.1707847513	-0.0902231554

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Al15Mg0

AL	-2.6002904432	-0.2265070971	1.1544041363
AL	-2.1687322551	-0.6907997726	-1.7041936388
AL	-2.0467398566	1.9212899574	-0.4033795566
AL	-2.7684612723	-2.5357842186	2.6044701460
AL	-0.6668216097	1.7196870551	2.1656414499
AL	-0.2588764447	-2.3921078508	1.5372595490
AL	-0.2902921986	1.3338912832	-2.5043992258
AL	-0.0053393449	-0.0054226141	0.0042192265
AL	-0.1815917578	-2.4749991497	-1.3814232094
AL	0.6144696621	2.7785454828	-0.1657612714
AL	1.2671819325	-0.1127097856	2.5379031274
AL	2.1147279566	-1.8669827078	0.3424747487
AL	1.8231943135	-0.5592353563	-2.1195508087
AL	2.4637703141	2.2443328875	-2.3095559772
AL	2.7038030040	0.8668028867	0.2418923041

Al0Mg20

MG	-2.7330979385	0.3888911895	-1.5538627275
MG	-2.8952810191	0.0729052383	1.4532356083
MG	-2.5062318543	-2.6714406797	2.7992880689
MG	-1.9780725797	-2.3513653493	-0.1598285955
MG	-0.5698279303	1.0031902597	-3.5588963647
MG	-1.2018580662	-1.8634888866	-3.0007444028
MG	-3.4372606000	2.8334267685	0.1859236886
MG	-0.9436596104	2.3494992464	1.9193197441
MG	-0.3411989504	-0.5630919050	3.0060845238
MG	0.1756854600	-3.4868746682	1.8895778777
MG	-0.8245300801	2.9072718438	-1.2277997754
MG	0.9128195805	-2.8624620386	-0.9999079501
MG	1.5763101131	-1.1317246399	-3.5530077819
MG	0.0569548287	0.0283029157	-0.0439125193
MG	1.8498123810	1.4649512173	2.8870999704
MG	1.5601477901	3.3371090847	0.5762569228
MG	2.3224677894	-1.3307894913	1.7090187646
MG	1.9204755278	1.5894996287	-1.8972906876
MG	3.2747279353	-0.9932603128	-1.1308951907
MG	3.7816162233	1.2794495788	0.7003418262

Al1Mg19

AL	0.0050824378	-0.1715246782	-0.0386964542
MG	-2.6964351049	-1.0651364196	1.3700929801
MG	-3.5664181531	0.9336511179	-0.8148122804
MG	-1.6457622946	1.7656723407	1.4346671511
MG	-1.9064478880	3.3177763889	-1.2419050562
MG	-1.4014907243	-3.4428132082	-0.0213193535
MG	-0.8578137328	-0.0235747250	3.7605350246
MG	-1.1798981104	0.7025594136	-2.7363537564

MG	-2.9931038141	-1.7240260443	-1.7633711023
MG	-0.3876006469	-2.6406740372	2.6340144049
MG	-0.0481740820	-2.0956938264	-2.3957658555
MG	0.3638522532	3.9345785741	0.6622660938
MG	0.9845378113	2.2188949385	3.0513913202
MG	0.8819377922	2.9530029961	-2.1378627164
MG	1.9056833473	-0.5795555472	2.4404455727
MG	1.9592903346	0.2873346960	-2.4582571761
MG	1.5056754852	-2.7891213300	0.3258620301
MG	2.3456829778	1.7106667276	0.3307289738
MG	2.9518753587	-2.4720512537	-2.3622241132
MG	3.7795257530	-0.8199661236	-0.0394366871

Al2Mg18

AL	0.2406079581	0.4423976817	0.0555865525
AL	-2.0784995751	-0.9365631840	-0.6134304396
MG	1.6205836184	0.7962910107	-2.6649215520
MG	-1.3766831984	0.1672740141	-3.2233991897
MG	-0.7644919973	2.9323463865	-2.5687188005
MG	0.3991222254	-1.9125652411	-2.0269185642
MG	1.5716564544	3.1605802377	-0.8101291836
MG	-2.5868896148	-6.4488671550	-1.2661646179
MG	-2.9838956498	1.7291986742	-1.0740622237
MG	3.1189143787	-1.3570431831	-1.0437382019
MG	3.8431479880	1.3899700547	-0.4349548355
MG	-1.3225665318	-3.7008161455	-0.3676200946
MG	-1.0487496913	3.2631594697	0.6112325460
MG	1.0476260325	-2.4213649103	0.9786224840
MG	1.8100569629	2.2697059831	2.0080549503
MG	-1.7623640409	-2.0814331716	2.1667082518
MG	3.1072199276	-0.4123786543	1.8533130196
MG	-2.3967081763	0.7836788754	1.7798788551
MG	0.3423528272	-0.2168900984	3.0931837954
MG	-0.7804378972	2.5533193556	3.5474762483

Al3Mg17

AL	-1.5554707329	-1.8539104869	-2.2924090251
AL	-0.2596842403	-0.3358062983	-0.3174726087
AL	0.8549197232	2.0801909120	-1.1747945286
MG	-2.7348096478	-1.9765199967	0.3259231943
MG	-3.5331878438	0.0858640792	-2.0096354963
MG	-3.3616011893	0.9659571868	0.7836975406
MG	-1.3859640294	-0.3569515781	2.5833432470
MG	-0.3182416390	-3.0308364908	1.9073370552
MG	-0.6593748071	2.2538543972	1.2958313610
MG	-0.4650322797	-3.9958188163	-0.9240211451
MG	-0.7377004324	0.6499894829	-3.3462815329
MG	-1.9955464788	2.5429872454	-1.4196216660
MG	2.0567432086	-2.8574968728	0.0707074224
MG	0.6688669364	1.5681833070	3.9925631681
MG	1.5933861982	-0.5937099409	2.0286536942
MG	1.2838077576	-1.8666359302	-2.6431738406
MG	2.2277643631	0.8873527320	-3.4004732187
MG	2.5160860946	2.3435194566	1.1910842841
MG	2.8782734581	-0.0779858760	-0.6483081399
MG	2.9267665807	3.5677744878	3.9970512348

Al4Mg16

AL	-1.2912328412	-2.4933765092	1.0394762863
AL	-0.8328707795	1.8642113452	1.9798331935
AL	-0.5512121257	1.2133105917	-1.8524217096
AL	0.4999023254	-0.1743102227	0.3090825599
MG	-4.5590372579	-2.2963929887	-3.1167672421
MG	-2.7646217358	-0.1861829127	1.4236672526
MG	-2.5470597328	2.2519890702	-0.2452991389
MG	-4.7154558031	4.4006972833	-1.1519196693
MG	-2.0358004188	-1.1845451714	-1.3732096791
MG	-0.2097180521	-0.6250596993	3.1526416821
MG	1.1119938547	-3.1722227373	2.1906622291
MG	0.8361282656	2.9626694851	-0.0026934634
MG	0.6179022597	-2.8981846244	-1.0080193003

MG	1.8346818230	2.1590112480	2.7619194415
MG	0.3117176115	-0.9784941941	-3.3445445545
MG	2.1164802787	1.7319144227	-2.4595247154
MG	3.2509417281	1.0111819505	0.3307767661
MG	2.7827489410	-0.5760750377	3.0091678928
MG	3.1546708868	-2.0427641791	0.5145429108
MG	2.9898377723	-0.9673771201	-2.1573707421

Al5Mg15

AL	-1.9861279064	-0.5624242514	-2.0169546261
AL	-0.1026267684	-0.4606537050	0.5232954912
AL	0.2480445320	1.3408400949	-1.4343597959
AL	1.7164496143	-2.6883986319	-0.4675184103
AL	2.2344808969	1.6395777756	0.7910293779
MG	-3.4790973721	-0.9164002208	0.3430761898
MG	-1.9885029441	0.6525088765	2.4836355685
MG	-2.5317782837	1.7551278407	-0.4503794652
MG	-2.1804142046	-2.5169775106	2.3665972788
MG	-1.2144736345	1.3478552001	-4.0648696423
MG	-1.1847810374	-2.9291665777	-0.5613899638
MG	-0.2943523456	2.9245167258	1.0374456867
MG	0.0623027576	-1.3490098265	3.8583124047
MG	0.5716992683	-1.4259923678	-2.6984503701
MG	0.8758107405	1.3502998748	3.2376917922
MG	0.8796075502	3.3312846355	-3.9456243523
MG	0.5937232477	-3.5508990685	1.9069255543
MG	2.4971430706	3.3276453449	-1.5542951576
MG	2.8524286584	-0.2242811567	-1.1843245729
MG	2.4304641603	-1.0454530519	1.8301580124

Al6Mg14

AL	-2.8804591866	-0.7061439011	0.5731676490
AL	0.3386403945	3.2453622151	-0.4225128333
AL	-0.2862786196	0.2540376826	-0.6645733668
AL	-0.8138500489	-0.1416306495	2.1759989977
AL	0.8198726005	-2.3896529853	-1.1155696722
AL	2.3343777502	1.4792515068	-0.1223842705
MG	-3.5501756511	0.9134007891	-1.5607313525
MG	-2.0455942730	2.1125312975	0.8014725034
MG	-1.6567202555	0.5314191003	-3.7844973119
MG	-0.9724879834	-2.7779251049	1.0037580953
MG	-1.9023970694	-1.8021966929	-1.9461303626
MG	0.7976147515	2.1337289292	2.1701152270
MG	0.6167977333	-1.2608347538	-3.6861007548
MG	0.2738998214	-4.1040984209	3.5539542962
MG	-1.6782503030	3.0628276521	-2.2510937769
MG	2.3326336973	-1.8798067065	4.1981116263
MG	2.6337401828	1.2273985215	4.5499166097
MG	1.0371813762	1.7029095268	-2.8298526047
MG	1.7403159187	-0.9623524561	1.1908224619
MG	2.8611381641	-0.6382275500	-1.8338711601

Al7Mg13

AL	-2.3631161708	1.1683131273	1.2279430131
AL	-0.7181019102	-1.8945734314	-1.6978417003
AL	-0.3698741021	2.6581649342	-2.6418150643
AL	-0.0712672674	-0.4863781240	1.9699388798
AL	0.1944795123	0.5201388063	-0.5982051165
AL	1.8410891670	-1.7124358057	0.0742814223
AL	2.4085887051	0.8024552234	1.6343566797
MG	-2.4918936991	0.7646366065	-1.6126563075
MG	-2.5116379732	-1.5485903294	0.4740537275
MG	-3.0051501965	-0.4509098382	3.5781631307
MG	-0.5050692334	0.0437497486	-3.7767046064
MG	-1.4417424473	3.3502922724	-0.2492748618
MG	-0.3883229031	-3.6169592844	0.6333883083
MG	0.1420014358	2.4340026436	2.0857171494
MG	-1.3678977847	-2.8203730653	3.5041575940
MG	1.4594736712	-2.9394731191	2.8039633707
MG	1.9090162023	-1.3292087509	-2.7267988725
MG	2.1234932288	1.6068837032	-3.2581412693

MG	1.6804286839	2.9593786597	-0.5232336991
MG	3.4755040813	0.4908880230	-0.9012937779

Al8Mg12

AL	-3.5041539784	-0.9960765854	0.3012809279
AL	-1.2946494353	-1.1844330507	-3.3139886974
AL	-1.3807589894	2.6348905742	-0.5786794543
AL	-1.5564049274	-0.6439901391	2.1999264501
AL	0.6665006545	-2.0278947467	1.5444169593
AL	1.2093068266	-0.4133290842	-2.5736570621
AL	1.1764861313	2.0653628337	-1.2716956084
AL	-0.7265777481	-0.2479948077	-0.4622663338
MG	-3.2279447160	0.6278620401	-1.8486513312
MG	-2.9530154280	1.6514712100	1.3562519012
MG	-2.8148659649	-2.7596384806	-1.8127659107
MG	-1.7415572399	-3.2243456578	0.8358915242
MG	-0.8200954219	1.5875096921	-3.2077715391
MG	0.3770917181	1.4154327563	1.7038441944
MG	0.3713305295	-2.7971775339	-1.3241979785
MG	2.9423874977	2.0850572359	3.3157794859
MG	2.7501312286	-0.9002543364	3.0810341563
MG	2.4976525060	-0.4240700894	-0.0563264050
MG	3.1848019580	2.8823976213	0.4498259730
MG	4.8443347989	0.6692185485	1.6617477481

Al9Mg11

AL	-2.8525308139	3.0262017829	1.0132088673
AL	-2.5384323371	-1.6344278551	0.4483075453
AL	-0.5597161707	1.4258327182	2.1979890903
AL	-0.8492529327	2.3241975802	-0.7253067444
AL	0.2458390954	-0.3776938866	-0.1484021027
AL	-0.6145651608	-3.3552843259	0.3334579015
AL	1.7876725237	0.1825717435	2.3161850023
AL	1.4466510161	1.7065005267	-1.8646782663
AL	3.5470341776	-2.2534349415	-1.1787721187
MG	-3.2061706508	0.5007542452	2.0467953852
MG	-3.0706591262	0.7100762876	-1.0448112001
MG	-1.3429890502	-1.8518483896	-2.1681172370
MG	-0.6777249038	4.5186470085	1.7460144121
MG	-0.5369765165	-1.4506808407	2.5750578444
MG	-0.8551862548	0.8208054259	-3.2231609596
MG	1.3797939169	-3.8408125381	-1.4317467546
MG	1.7097575939	2.6804060512	0.8550969287
MG	1.6168210015	-0.9686065579	-2.7976708794
MG	2.0966515448	-2.4160778737	1.2340075473
MG	3.2739810477	0.2528738391	-0.1834552616

Al10Mg10

AL	-1.1017976977	1.1465828793	-2.9954849152
AL	1.4975263837	0.7937514016	-1.8261449787
AL	-1.1149439701	-0.9569628625	-0.8811561064
AL	-2.4340434967	1.4640816693	-0.6287219012
AL	0.1369384945	0.8481469818	0.6595759845
AL	-1.7643508916	-3.9444096733	-0.7032383862
AL	2.4217725361	-0.6334009741	0.5689829716
AL	-1.8028935656	-2.4974239006	1.4342554210
AL	-1.5340329679	2.9524031654	1.4772880936
AL	2.1720390619	1.2303126160	2.6797042603
MG	-0.9152614958	-1.3909420215	-4.0178989046
MG	-0.0427643337	-3.8853611504	-2.7617271084
MG	1.9432355849	-1.8488929653	-2.3685274955
MG	0.0002973076	3.1692324416	-1.0573475325
MG	2.9249334634	2.3015611862	0.1032928173
MG	0.9636667884	-3.0591751885	0.2587073100
MG	1.0791631115	3.7468827055	1.7649647358
MG	-2.4735550678	0.1214335994	1.9515216794
MG	0.4019582430	-1.1968959322	2.6878494003
MG	-0.3578854882	1.6390760222	3.6541046551

Al11Mg9

AL	-2.0336923230	-3.0182009846	-0.3822911206
AL	-1.3115426246	1.2631727244	-0.8313607282
AL	0.3475334674	3.5944382765	2.4753939728
AL	-2.0382839770	1.2376101748	-3.6120259708
AL	-2.5097885450	-0.7271501167	0.7060444660
AL	0.2722372092	-3.5164925733	-1.4978168231
AL	0.1654784200	-3.3427301058	1.4181990620
AL	0.2235340592	-0.9427041207	-0.0286475066
AL	1.2105059966	0.9259908649	-2.0638935136
AL	1.2054223960	1.7900487988	0.5624552142
AL	2.0038277253	-0.9999681605	2.1792446909
MG	-1.7171033199	1.6372829091	2.1249474511
MG	-1.1067255415	-1.2184922293	-2.6883968626
MG	-1.9758772073	3.8031703918	-2.4964260699
MG	-0.7970306722	-1.2021528899	2.9858764690
MG	-0.9121761026	4.2789170269	0.1570679312
MG	1.0411822318	1.1794362529	3.6042429724
MG	2.0046452124	-1.6769210218	-2.5235851360
MG	2.6714739821	-2.9758789409	0.1333505299
MG	3.2563796130	-0.0893772766	-0.2223790279

Al12Mg8

AL	-2.1877863394	-0.5415603191	2.0805513755
AL	-2.6148699353	3.1236938887	-1.5798525217
AL	-2.7740275135	1.1286448077	0.1732846557
AL	-1.9819946848	-1.4534316254	-0.9903133138
AL	-0.4799919678	-2.3874855044	0.9722985578
AL	-0.9193158456	4.0900737406	-3.4297690645
AL	-0.0545370275	0.3156212289	0.1664697592
AL	0.4893139053	2.0353485272	-2.0176524584
AL	1.6610440957	2.5671028018	1.0446206665
AL	2.1196252070	-1.6976951552	-0.2267953434
AL	2.1061858724	-2.9625202623	2.1727652811
AL	2.6166261206	0.8632078667	-0.8445433547
MG	-1.9796154570	0.6702788078	-2.7453306103
MG	0.3646220558	-3.7442405201	-1.5189454545
MG	-0.3268099645	1.5466934016	2.7806834212
MG	-0.5709899193	3.8334420509	0.1265767154
MG	0.1085447143	-1.3557679285	3.5454980802
MG	1.3996110920	-5.2161838882	0.7382963290
MG	2.3454946840	0.0413725045	2.0710509295
MG	0.6788719076	-0.8565934230	-2.5188936498

Al13Mg7

AL	-2.8971197975	-0.0407359589	0.5878318057
AL	-1.7022821295	3.4047897546	-1.4503077417
AL	-0.8796565424	1.7990581439	0.8717720764
AL	-2.4935215796	-2.0134152978	-1.1583008435
AL	-1.0486870997	-0.3752393086	2.6234431815
AL	1.0081310285	-0.1141582537	-3.0446728081
AL	-0.0539899443	-0.8080018102	-0.1344645177
AL	1.4886287480	-3.3835749012	1.1085492672
AL	0.5128310748	3.8028112336	2.5331463632
AL	0.6498180111	1.4494168901	3.4592811920
AL	1.6024114706	-2.5213114229	-1.6681186268
AL	1.0890187605	1.9618313399	-1.5338805733
AL	2.6145826943	-0.2958275994	-0.6338686673
MG	-1.8190865047	0.7062252701	-2.1763163926
MG	-1.5538906350	-2.7996538213	1.5053319238
MG	-0.8037533000	-2.1060404577	-3.2764242339
MG	-0.5291435922	-4.0564196606	-0.8311889019
MG	0.5088641528	4.4075867418	-0.1239604392
MG	1.9753230742	-0.9488465496	2.2487422852
MG	2.3315211103	1.9315076677	1.0934056512

Al14Mg6

AL	0.3800397128	-0.5011633013	-3.6614332616
AL	-0.1352003210	2.1720794700	-2.7667789540
AL	-0.6069633402	-0.1796923605	-0.8156788498
AL	1.9644984551	0.9734448964	-1.6257585491
AL	0.2984664472	-2.4681946998	0.6107009653

AL	-1.6134043786	1.8662861991	1.4716220576
AL	-2.2277760702	-2.5513631830	-0.2669814359
AL	3.0344574526	-2.1812240176	0.6375420104
AL	1.5008093790	0.4251283930	0.9144429423
AL	-3.3154426030	-0.0197291658	0.4581837415
AL	2.8226200642	1.6540066350	3.1030970027
AL	1.1234692189	-1.5117886058	3.1995836302
AL	0.1927602089	1.4037809843	3.4731533430
AL	3.6636731397	-0.8280869789	2.7397678468
MG	-2.0526084015	0.7463827628	-4.2302990655
MG	-3.2152128125	-1.0340440874	-2.3360826371
MG	1.8048888124	-1.9786230522	-1.8861504390
MG	-2.5342589613	1.9725499503	-1.3261010725
MG	0.4176493922	2.9587307326	-0.0175255679
MG	-1.5024653947	-0.9184795712	2.3246962928

Al15Mg5

AL	-3.0025185333	-1.2350334519	1.8268995985
AL	-2.0135412216	1.4059145689	1.9598835029
AL	-1.7358557107	1.6785574552	-2.9520751575
AL	-1.2543070180	-1.1970103972	-2.7907659295
AL	-0.8398133515	-0.2144206084	3.7673066972
AL	-0.9884503364	-2.9072227390	2.6492918017
AL	-0.2204639785	-0.6873080646	1.0746483881
AL	0.8267432967	0.1825837244	-3.8328684203
AL	0.3402836119	0.4951637638	-1.1091906457
AL	0.9617876910	1.6963895720	1.8805895504
AL	0.6424932840	2.8424902061	-2.6271770247
AL	1.0910700596	-2.2001853059	-1.1655379773
AL	1.9943863466	-0.6233514734	3.3080826378
AL	2.6687383931	-0.2990270455	0.3331248581
AL	3.1380336866	0.7576686107	-2.3991296830
MG	-2.8017501074	0.3010191795	-0.6493686755
MG	-1.7339716739	-2.6824620255	-0.3998890794
MG	-0.9553015321	2.8866442618	-0.1236359968
MG	1.5923768466	-2.9313205519	1.6487310556
MG	2.2900612470	2.7309103211	-0.3989205007

Al16Mg4

AL	-3.7974997269	-0.3029190900	0.2959804023
AL	-2.4912857906	-2.9850338631	0.2064691184
AL	-1.7628383437	1.6532343918	1.1315242424
AL	-2.0688651964	-1.0410847650	2.2064735663
AL	-0.7268751665	-0.7214893433	-0.3750038569
AL	-0.0681502279	3.5202181813	1.9552419817
AL	0.5068235652	-2.9605343936	-2.0516054581
AL	-0.0129443350	1.8419041844	-1.8637754907
AL	1.6144455403	3.6127977520	-0.1359680893
AL	0.9832793545	1.0272303252	0.6150826541
AL	0.1254731575	-3.1928037679	0.6307002219
AL	0.5561874633	-0.9930777670	2.3799498266
AL	1.8694560187	-0.2860223054	-1.8965548815
AL	1.8545201963	2.0524984394	3.0806449964
AL	3.4364401726	1.7268630255	-0.9432591558
AL	3.5613305060	0.4425787158	1.8275262766
MG	-2.9317798597	-1.9328342559	-2.2560299801
MG	-2.6986749857	1.0500781562	-1.8537162032
MG	-0.5870137028	-0.6745092260	-3.3979182869
MG	2.6379703608	-1.8370963944	0.4442411158

Al17Mg3

AL	-2.1691078381	-0.1133942446	-3.1011274908
AL	-0.4173793270	2.5858979329	-2.8171897439
AL	-0.8808909931	0.6429733462	-0.7852224989
AL	2.0057704274	-1.0399769295	-1.3025896325
AL	1.6294925219	1.7574792996	-0.8917483688
AL	-3.1648650310	-1.3217687005	-0.6184978244
AL	-3.5278392660	1.3774027235	-1.1330463903
AL	1.1272817386	-3.4801279002	0.3659570017
AL	-1.8217054362	3.4715521444	-0.7057172763
AL	3.9416402838	0.8615150658	0.7380308934

AL	0.4909940629	-0.3699292062	1.1265497345
AL	-2.5232852208	0.4370139748	1.5347445664
AL	3.0460893424	-1.7813532666	1.1312657736
AL	1.7512819903	1.9779502101	2.1741455122
AL	0.7023237890	-2.4747307796	3.0782277809
AL	-0.8047555113	2.5146349014	1.5698137415
AL	2.2097144824	-0.3300077062	3.3351762131
MG	0.6616774749	0.0373795736	-3.4534004971
MG	-0.6713099112	-2.2915391587	-1.6597992260
MG	-1.5851285789	-2.4609722804	1.4144287317

Al18Mg2

AL	-3.5133135855	0.4669993079	1.3710395339
AL	-2.9941791359	3.0433698280	0.5188766287
AL	-1.3774900843	3.0973639089	-1.7217167878
AL	-1.5627599691	0.8628192845	3.0995184885
AL	-1.1510274363	-1.2250107837	-1.8274605473
AL	-2.2755294827	-1.8000452339	0.6519474040
AL	-0.3748576276	-3.6951102990	0.1497202769
AL	-0.7093827026	0.8951186822	0.2655261576
AL	0.6080692387	3.5247123999	-0.0412159047
AL	0.4848277878	2.5887430579	2.5298128262
AL	0.0678570443	1.0941604064	-2.7642453834
AL	1.8376680137	-0.9626369993	-3.0781593446
AL	0.9298876633	-0.2608605370	2.4764752990
AL	1.4199575603	-2.9079304395	1.9588451109
AL	1.0746025316	-1.1430160272	-0.2273260173
AL	0.8706761310	-3.2542817247	-2.1531747277
AL	2.2237639148	1.3273330331	0.5986433744
AL	3.5820991348	-0.2456084918	-1.1927698397
MG	-3.0924185228	0.7692055825	-1.4863929112
MG	3.9515495266	-2.1753239553	0.8720553636

Al19Mg1

AL	-3.4915947064	1.2171349482	-1.2551500597
AL	-3.1857227879	1.6645311070	1.3585746872
AL	-2.8099873635	-0.5742788393	2.6488556015
AL	-2.6562808403	-0.8904694262	-2.6855291587
AL	-2.1787371352	-2.8801561426	1.4885993428
AL	-2.2614717518	-2.9846584093	-1.1412531578
AL	-1.6458490666	-0.4505072464	0.0251485491
AL	-0.4620689445	1.0797161260	2.2926951596
AL	1.5221391633	2.5628775687	-1.8062995071
AL	0.3418053044	-1.8148514464	1.8517159866
AL	-0.3687338728	0.5923381125	-2.5005491602
AL	0.3210557075	-2.1367151475	-1.5634556611
AL	1.0717733188	0.1822901302	-0.0133359782
AL	1.8241067705	2.7899086630	0.8622741022
AL	2.2439607088	0.9998083744	2.8848024405
AL	2.6133425162	0.2072581207	-2.4914748641
AL	3.0487132832	-1.2065088148	1.4528704185
AL	3.0068287848	-2.1074378350	-1.0695869929
AL	4.0081377947	1.1343880745	-0.0910914414
MG	-0.9414148831	2.6153320824	-0.2478093068

Al20Mg0

AL	-3.3466315032	1.2979271387	-0.2585924428
AL	-3.8113041080	-1.4790515544	-0.3940410698
AL	-2.9289265345	0.5546251402	2.3276247611
AL	-1.7654020846	-1.9386692253	-2.3192551352
AL	-2.1547651087	-2.0717874247	1.8424112798
AL	-2.4737245562	0.7189872262	-2.7723075592
AL	-1.0310441255	-3.5645855998	-0.1937923982
AL	-1.0287100088	-0.3181881716	-0.0995655652
AL	-0.8292132380	2.5067348611	-0.0364479747
AL	-0.2166398481	0.7400006772	2.5058817821
AL	1.0079224349	-1.8510172660	-1.4401210644
AL	1.6554702055	3.5175357898	0.1955973001
AL	1.7096382387	0.6725319961	0.1724482299
AL	0.7206850918	-1.8931395268	1.5317632439
AL	0.2385004165	0.8161617951	-2.4717977350

AL	2.1658821576	2.1726098145	2.4301911513
AL	2.7261547880	-0.3965131059	2.6916943866
AL	2.5775289138	2.2147395029	-1.9314202856
AL	3.2038099132	-0.3425562794	-2.1177934226
AL	3.5807689559	-1.3563447878	0.3375225180

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Al0Mg25

MG	-0.1571098007	-0.3114809545	-2.9522419488
MG	2.7721157816	-0.0953007152	-2.0299196273
MG	-3.0461362059	-0.3828296944	-1.8760637811
MG	-1.8669779882	2.1201895538	-3.2371987865
MG	1.4629198747	-2.8297219442	-2.9024098688
MG	1.0820661590	2.3897903918	-2.1799181684
MG	-1.3660782472	-2.8535133388	-1.6352200707
MG	-1.2898704174	4.3864890982	-1.4638159392
MG	3.6620458003	-2.9626366087	-0.9640016794
MG	1.0452416315	-4.5952775069	-0.5913549021
MG	-2.7548932379	-1.7469125690	0.7490844631
MG	-3.7842205854	2.5926189612	-1.0507072059
MG	3.0851388304	2.0619862047	0.0049971292
MG	-0.8877030706	1.1269967542	-0.0832214648
MG	0.5633885745	3.7152546816	0.8062132863
MG	0.7285539828	-1.2067281902	0.0632370827
MG	-2.4893630361	4.0578207798	1.2764511568
MG	3.6030480651	-0.8047553356	1.1156253831
MG	2.6945704583	-3.7119737076	1.7825270801
MG	-0.3895346737	-3.4416521068	1.8063573711
MG	-3.4451100045	1.1519830369	1.5912351795
MG	1.4223457294	1.1045278763	2.2374066476
MG	-1.0821406048	2.4190552868	3.2188341280
MG	1.5827062392	-1.6202961811	3.4591688083
MG	-1.1450002544	-0.5636357722	2.8549337272

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Al1Mg24

AL	1.2540221580	-0.3879522827	-0.3822325996
MG	-4.8444148363	0.8097127056	-0.0407535079
MG	-3.3898108131	-1.8339515208	0.6196486070
MG	-3.3871374043	-0.4234550783	-2.1861824594
MG	-3.9571969209	0.1742601590	2.7462015178
MG	-3.4679115829	3.0174427798	1.4424364042
MG	-2.6624228668	2.5261954087	-1.3847833156
MG	-1.2547704885	0.3923438108	0.3451997926
MG	-1.0739346780	-2.2382328321	-1.5753558861
MG	-0.3295424789	3.3552182573	1.0378689418
MG	-0.7140645907	-3.3829536092	1.0870871303
MG	-0.6199666680	0.5153900180	-2.8859483074
MG	-1.1075042706	-1.2085120353	3.0981320846
MG	-1.6769497658	1.8503879953	3.4190141956
MG	1.0556351979	0.9678599293	2.5239144106
MG	1.7207291367	-3.3127830825	-0.8813856194
MG	0.3867852287	3.0455912605	-1.8419057382
MG	1.0862200451	-1.8669599210	-3.6672269374
MG	1.6686904565	-1.9893461279	2.2001901128
MG	2.4235191869	2.3981010709	0.2216530803
MG	2.4317572156	0.8993437264	-2.8124842326
MG	3.8783389176	0.2340000973	1.9552261037
MG	4.6412733374	0.5163804394	-0.8727980220
MG	3.7621120106	-1.8121090954	-2.5563746725
MG	4.1765454737	-2.2459730733	0.3908609167

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Al2Mg23

AL	-0.8655723592	-0.5496213198	-2.3635283276
AL	0.3522139984	-1.4658997654	-0.0359138602
MG	-0.2017318812	1.9698889113	-3.5791849420
MG	1.9231577690	0.0472536995	-2.2954016914
MG	-1.1127167074	-3.6041760307	-2.1405287269
MG	2.0478748731	3.0829835946	-2.1507965747
MG	-3.3256222357	-1.6526784746	-1.5495737600
MG	-2.7245150053	1.6285333425	-1.8997882022
MG	1.8762740372	-3.5375589646	-1.7593123134
MG	-0.8065403258	4.0414105218	-1.4175492735
MG	3.6727490612	-1.5830640049	-0.3781628987
MG	0.0103884173	-4.9556293257	0.1894345951

MG	2.9589124371	1.2912391568	0.3009587189
MG	-2.1148594957	-3.0142905887	0.8778268859
MG	1.6854627594	4.1046654179	0.5628479858
MG	-0.1851757363	1.2992774697	-0.0053879143
MG	-2.9512087673	0.0431108632	0.8294094125
MG	-3.1345306497	3.2776394581	0.4671829898
MG	2.7576394149	-3.9582470681	1.0739255129
MG	-0.6835536151	-0.5646979601	2.7554866957
MG	-0.8517183733	4.4978660269	1.7754337670
MG	2.2558026677	-0.9214811819	2.2895705684
MG	0.3507029486	-3.4581967778	2.6945566783
MG	1.0869787623	1.9197738990	2.7574645307
MG	-2.0204139941	2.0618981010	3.0010291437

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Al3Mg22

AL	0.9464388937	0.9000199195	-1.0850472072
AL	0.2146352083	-1.4344512180	0.0971153519
AL	-0.9821853267	0.8344085199	0.7576106417
MG	0.3767514554	0.3906480180	-3.8052697956
MG	-1.6247190510	2.1176201818	-1.9253914050
MG	3.2537094144	-0.2416991754	-3.0223265060
MG	1.0687073973	-2.2979958193	-2.6400430983
MG	2.8317835471	2.6959123351	-3.2083517105
MG	-1.9697174206	-0.7793528733	-2.0641480146
MG	-1.3788692696	-3.6143309746	-1.2527151729
MG	-1.4372531470	3.8895992196	0.5648316144
MG	1.3635654794	-4.4563911104	-0.3912182686
MG	0.8144991994	4.0825354230	-1.5856219528
MG	3.1126323451	-1.8572611552	-0.4716670746
MG	-3.7091570161	1.1047854663	0.1813733746
MG	3.6609727588	1.1032090042	-0.3154958332
MG	-2.7550097526	-1.8014527055	0.8641394364
MG	1.3393358037	2.7450606219	1.2088236796
MG	-0.8812111382	-4.1274233254	1.6561113392
MG	-3.4085215927	3.0669738308	2.6161319993
MG	2.0231450673	0.0656865565	2.1678904576
MG	1.8285026549	-2.9418112464	2.1456643722
MG	-3.3093768101	0.1803788521	3.0901114999
MG	-0.7046751585	-1.3709689605	3.0285715761
MG	-0.6739835418	1.7463006153	3.3889196967

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Al4Mg21

AL	-1.6591331445	0.8172817411	-1.0712433074
AL	1.0034718372	0.1742564024	-0.4466938274
AL	-1.1912678481	-1.9745993761	-0.8480761942
AL	-1.0178093171	-0.1387639116	1.4838830645
MG	-2.4031062992	1.7458073753	-3.9593186634
MG	2.6088613538	-0.2722089637	-2.9233396604
MG	0.5902307848	1.6828969039	-4.2529564651
MG	-0.3995771333	-0.8528751306	-3.2853652723
MG	2.6825446297	2.7328124491	-2.3730268967
MG	-0.2024035637	3.2040989275	-1.8067130916
MG	4.3903413297	1.0584206826	-0.7265413793
MG	-3.9645709202	-0.4363514344	0.3108946981
MG	1.3547778169	-2.8652204484	-1.7031203442
MG	-4.6597840882	0.8493587276	-2.3309188175
MG	3.6826755042	-1.8078299689	-0.3420016830
MG	-2.3625054338	-3.4912048522	1.2027770790
MG	1.9465387073	2.8287658837	0.5468354283
MG	-3.5301543403	-1.4426929742	3.0529718829
MG	1.0495065032	-2.2613584113	1.3002440635
MG	-1.0816653877	2.7494238938	1.0327224693
MG	3.0845047594	0.1521918292	1.8184500204
MG	-0.9244612334	-2.9638854930	3.7177526324
MG	0.8230691569	1.6801822152	3.0618141541
MG	-1.2819848627	-0.0107867528	4.4650961787
MG	1.4619021893	-1.1577203141	4.0758739315

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Al5Mg20

AL	-0.3293159176	-0.9383441478	-1.0397331916
AL	-0.2914329859	2.9870674380	-0.6209845358
AL	-1.0450252153	-3.1453852179	-2.9452469068
AL	-0.4084557639	0.5936309525	1.1284883916
AL	1.7267382345	0.9312735444	-0.6910676546

MG	-3.9805273271	-0.9338215795	0.4502721689
MG	-2.4184390476	1.1139594253	-1.2859231842
MG	-3.1588798815	1.5530630189	1.8087345884
MG	-3.3780316107	-1.7415711906	-2.3167220176
MG	-1.9687084952	-3.1378193436	-0.0164152352
MG	-2.0480941215	-1.3865772586	2.6364199321
MG	-1.5917462161	1.4555121681	4.2762057590
MG	0.2652797078	1.5548510548	-3.0246246153
MG	-1.3311437890	-0.5858369046	-4.1153065215
MG	-0.7878438254	3.4582984581	2.1533611696
MG	0.9159810005	-3.7871852251	-1.2434629241
MG	0.6592114113	-2.3669660402	1.5345610379
MG	0.4982314463	-0.6744900226	4.0733791231
MG	1.3246333069	2.1206889862	3.8348730506
MG	4.3778696705	2.4130767451	-0.8366928940
MG	1.5151265229	-1.4400003662	-3.4190115071
MG	2.1089843121	3.2131096440	1.1533719784
MG	2.5627218360	0.0803523534	1.9561643092
MG	2.8471287163	-1.6677170756	-0.5265578704
MG	3.9357370317	0.3308315833	-2.9240814503

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Al6Mg19

AL	0.4850438290	1.5108386904	-0.6120942235
AL	1.2072345315	-1.3585182986	-0.3383763992
AL	-2.2470256031	-2.3652956956	-1.0386011054
AL	-1.0950550209	-0.1517170136	0.8130592496
AL	3.0124030799	0.4995473992	0.6126944364
AL	-0.0963066504	-2.5329283263	1.8486647018
MG	1.5843163922	-1.0269365867	-4.0876026733
MG	1.9294231666	1.7906258217	-3.0371392687
MG	-0.9330398521	-0.2266570625	-2.4458444821
MG	-0.3783794336	-3.1027280618	-3.1920414856
MG	-2.2609548421	2.2067073169	-1.3928856996
MG	0.0036563067	-4.1285508164	-0.4549392231
MG	4.0552598219	2.5342973215	-0.9223601906
MG	-3.8054290024	-0.1994776439	-0.1574112915
MG	1.7823179067	4.2091142713	-0.6950839973
MG	2.3715248827	-3.3212145458	-2.2686330641
MG	-0.7137305889	3.7292225635	1.0462813204
MG	3.6871145005	-0.5602146004	-1.9461011608
MG	-3.2281762227	2.3165029466	1.3988785818
MG	-2.9326201120	-2.6387360983	1.6650861003
MG	-3.6372919163	-0.0693108534	3.0272465133
MG	1.8789500266	2.6859979311	1.9264368126
MG	-0.9144327704	1.6738268786	3.3109228457
MG	1.4121832813	-0.2519650558	2.8583025007
MG	-1.1669867107	-1.2224294817	4.0815392020

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Al7Mg18

AL	-3.3013725283	2.2084953682	0.7522949979
AL	-1.4564145973	-1.7426653215	-1.5036115285
AL	0.3956937701	3.3440436452	-2.3788362089
AL	-0.2579509865	-2.5074814374	2.9049917299
AL	-0.3666139115	1.6248464265	1.6223491477
AL	-0.2638748793	0.7901455090	-1.1664951209
AL	0.8119023960	-0.8613952453	0.6305345546
MG	-3.6207284958	0.1305869409	-1.1264656414
MG	-2.1051578920	-0.7244555972	1.3899454375
MG	-2.5525795024	2.6578800302	-2.2812775443
MG	-2.9421054108	1.7417811607	3.4158278495
MG	-2.3715671646	0.0518274750	-3.7848016790
MG	0.5037139571	-1.0607356591	-3.6004388831
MG	-1.1496350749	-3.5718995344	0.5387170312
MG	-1.0414639445	3.8090395834	-0.0378993187
MG	-0.3840354486	-0.0118309757	4.0152730739
MG	1.2621394553	-3.0182379688	-1.4316260935
MG	1.6856038798	-4.0505098922	1.4684796590
MG	-0.0823175140	1.7548491474	-4.4924410548
MG	2.0272268645	2.3527759015	-0.0796123456
MG	2.5583222068	-1.5941612142	2.9771980503
MG	2.1066365820	1.3493405035	2.8226300460
MG	2.7632347429	-0.3647817757	-1.7338569987
MG	3.9577983484	0.2497691714	0.8565713156
MG	3.8235451476	-2.5572262416	0.2225495244

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Al8Mg17

AL	-1.4047796297	-1.6269728220	-0.8480841771
AL	-1.9263466138	-0.0409700493	3.9107882277
AL	-2.6932546588	2.1725206897	0.1752557549
AL	0.8011112434	-2.7115431127	-1.8908221947
AL	-0.1368743677	2.7491709534	-0.2073994330
AL	-0.6241957216	0.1860198993	1.2801076093
AL	1.0975727554	0.0300142445	-0.6519228978
AL	3.9448402848	0.7628679349	0.4256631917
MG	-3.9903705337	-0.3730437619	-0.6289401960
MG	-2.5686711023	-1.9084062135	1.8209145131
MG	-3.9094358870	0.8375141016	2.2050456519
MG	-3.7088675047	-1.4591847806	-3.5494387887
MG	-1.3588528800	2.6245079042	2.6946210301
MG	-0.6768419302	-1.2155716207	-3.9850502266
MG	-1.5670508323	1.0324843073	-2.1613358587
MG	-0.0158017684	-1.9585300847	3.6222737040
MG	0.5486003537	-2.8899031824	0.9426515781
MG	0.6886429450	0.9365429040	4.2427958178
MG	1.1560466040	1.2803613792	-3.4662370646
MG	2.4369261431	-1.5154278823	-3.6786577241
MG	1.8181304484	2.2473919558	1.8600461953
MG	2.4834695754	2.7716724378	-1.1628347273
MG	3.3252612723	-1.8309273139	-0.7168127650
MG	2.3437652852	-0.7437067850	2.2007224786
MG	3.9369765195	0.6431188976	-2.4333496990

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Al9Mg16

AL	-3.4409459184	1.0948755528	-1.6376580706
AL	-2.1630623622	-1.2801301133	-0.4150369190
AL	-0.7480403787	0.9332536278	0.5979966621
AL	-1.3728556387	3.5684128945	1.4788540229
AL	0.9180263146	1.4686692908	-1.8841241911
AL	0.3415929306	2.3541834825	3.2513914057
AL	0.8694777151	-0.9611121029	-0.2936282304
AL	2.0204486287	-2.1703761830	2.4231289020
AL	3.1028150774	1.1577288375	-0.3395933626
MG	-2.9058321241	-0.8247776689	2.2614104893
MG	-3.8131898291	1.8879009405	0.9288558339
MG	-2.2129094310	-1.2682812124	-3.2178502685
MG	-2.3336122957	1.6916786081	3.5050118760
MG	-1.4076621625	1.5433595528	-3.5630868623
MG	-0.1196466820	-0.4901487689	3.4756440960
MG	-0.6638228565	-2.8052371800	1.5584592941
MG	-0.4278575596	-3.2582444992	-1.6321502238
MG	0.6463605318	-0.9434210270	-3.6478731809
MG	-1.4457080845	3.3591973596	-1.2591670960
MG	1.3006757753	3.0771746136	0.6247001132
MG	1.8002686723	-4.0194812400	0.3174556307
MG	3.3422935595	-0.2045577742	-2.7289496827
MG	2.5087907691	-2.9382446128	-2.2938286226
MG	2.4714297250	0.6250803569	2.3024640417
MG	3.7329656235	-1.5975007347	0.1875753429

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Al10Mg15

AL	-2.5905142262	0.9329855263	-0.2421929147
AL	-1.4776397290	-1.6460547252	3.1877879345
AL	-1.1079753925	-3.4580427991	-1.3405294205
AL	-1.0412760962	0.8546099129	3.9902176726
AL	0.3697838937	-0.7900943163	-1.0048659144
AL	-1.5508548936	3.5750024716	-0.5213739038
AL	-0.1610670400	0.4180598591	1.2422095562
AL	1.5602351919	-3.7353177127	-0.9730164601
AL	2.6968633309	1.0307363613	1.9893508300
AL	2.1179946150	0.3087571553	-3.3725316249
MG	-2.4568076868	-1.8475723677	0.5238921312
MG	-3.3091117119	0.3658678864	2.4104061999
MG	-2.1733114261	-0.9958766668	-2.5339158298
MG	-1.6389765333	2.9673210346	2.1691195685
MG	-2.2558245401	2.0891704688	-2.8047513910
MG	0.4228947571	-2.2720264481	-3.4239999882
MG	1.1072421787	3.1074961190	0.7580923915
MG	-0.4353548812	0.5104200964	-4.4375076587

MG	0.1172904351	-3.1283222403	1.3885363474
MG	1.2115401574	-0.8187842308	3.5795858787
MG	1.1495856100	2.4957684060	3.7274971061
MG	3.1978941525	-1.8766813270	-2.1701292459
MG	0.6803412591	2.4476472084	-2.2187126483
MG	2.6383799688	-1.5606313454	0.8729891196
MG	2.9286666066	1.0255606732	-0.7961577359

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Al11Mg14

AL	-2.5951343427	-2.2458420647	-0.4382703290
AL	-1.3455186878	2.3365750658	0.1587613587
AL	-2.4777260479	1.4395753267	2.4886676604
AL	-0.1123444388	-0.1341715677	-1.1677013329
AL	0.3178374009	-2.0750441744	3.4377605830
AL	0.3557786718	-1.8256931100	-3.6659145424
AL	-0.1585044309	3.0923206292	-2.1113445610
AL	0.2218755508	0.1600348935	1.4309641558
AL	2.0671924075	2.0318584155	2.9054626262
AL	2.5477327626	-0.4489984882	3.2296251003
AL	2.5734451824	-0.4694618984	-3.0572745439
MG	-3.3805377029	0.3680253215	-0.1238950086
MG	-2.2373530673	-1.3414502145	2.3413941238
MG	-2.4287979920	-0.8598954814	-2.9357118621
MG	-2.6724927611	2.0299924990	-2.5371453268
MG	-0.9808957480	-3.5980855183	-2.1335487252
MG	-0.2995275718	0.4927456718	4.2157642036
MG	-0.0036106036	0.9147055833	-3.8983802647
MG	-0.3961993769	3.2370752102	2.7540112954
MG	-0.2189098593	-3.1046403639	0.8594278262
MG	1.5125662324	2.9745918721	0.3097694599
MG	2.5689906948	-2.5848463171	1.5841963407
MG	1.9081378675	-2.5984924929	-1.3427082260
MG	2.4321089786	2.1075058766	-2.3499342930
MG	2.8018848817	0.1016153261	0.0460232814

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Al12Mg13

AL	1.5830865096	-1.2648248971	-2.9914523827
AL	1.4228917476	1.4717786909	-2.9433451601
AL	-2.7210840463	-0.1988276943	-2.6630356438
AL	-1.3161305269	-3.5006911646	-0.2388712274
AL	2.8690817914	-2.1054113925	-0.8124392712
AL	-0.1456692395	-0.6945002257	-0.9159597425
AL	-1.5172209772	3.3743476832	0.4706065809
AL	2.9056799626	2.3437221517	1.4591987852
AL	0.0664391303	0.8597045945	1.1830108882
AL	0.6163480930	-1.2477781035	3.4028805889
AL	1.6673341094	1.1827521757	3.4984234139
AL	-2.4724722754	1.8738026084	2.4828496289
MG	-0.5681262452	0.1523218696	-4.3075739522
MG	-1.2517312832	-2.5715178987	-2.9206966450
MG	-1.2045312433	2.1887679483	-2.1550768713
MG	1.0314565094	-3.9608521703	-1.6877301110
MG	3.1878487835	0.7012673872	-1.0409504408
MG	1.1777358720	3.1792765559	-0.5202750158
MG	-3.5149372925	-2.0096858495	-0.7681923484
MG	-3.0191922320	0.9548303469	-0.0628059525
MG	0.9638677740	-2.9688550375	1.1789841023
MG	2.8272903903	-0.5603311386	1.6447778578
MG	0.3025876903	3.4309167571	2.4850193869
MG	-1.8271303590	-1.2994369523	1.8236539516
MG	-1.0634226426	0.6692247550	4.3989975801

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Al13Mg12

AL	-1.1370054775	1.4336781304	-2.9251044162
AL	3.1158156912	-1.0982167603	-1.3885809449
AL	-1.3653995806	-1.3023160134	-3.2393453796
AL	-1.1637507828	0.0555046594	-0.4833609892
AL	-0.7657872036	3.6417084392	-1.5187587741
AL	1.3444994723	1.4690542413	-1.5960067972
AL	2.1442007662	-3.1663765216	0.3615974498
AL	-2.5311287176	-2.5883167439	-1.0327248561
AL	-2.8422563083	1.0593461650	2.0909122542
AL	1.1588678698	-0.3253393674	0.6168440847
AL	1.6841962180	2.4929438489	2.2247447127

AL	-1.5771263817	-1.3767295973	1.8837171351
AL	2.6135807861	0.2226567787	3.1061153208
MG	1.3193409414	-0.4805579708	-3.5295114914
MG	-3.7073461926	-0.1284514187	-2.3752743724
MG	0.5412819598	-2.8085829435	-1.8436685935
MG	3.5680158305	1.3218895257	0.3303503811
MG	-3.1865947749	2.1925337559	-0.6006678397
MG	-4.1570497494	-0.7140353887	0.4419230345
MG	4.0028967150	-1.5023089247	1.3766205310
MG	-0.6341921713	-3.7743433855	0.7230617975
MG	1.6945080671	3.8759499946	-0.1821668212
MG	-0.9920372355	3.0240715722	1.3589577198
MG	1.1022651630	-2.1969541487	2.8670732686
MG	-0.2297949046	0.6731940733	3.3332555855

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Al14Mg11

AL	-3.0107285604	-2.5555798106	0.0417222338
AL	-3.8901010849	-0.2329104595	-1.0285289603
AL	-3.8476949544	0.0528454482	1.8900594616
AL	-1.9912139193	-1.4728844647	3.0431988317
AL	0.2052373660	1.3064696705	-0.6045384518
AL	-1.3819230838	-0.4110028298	0.4555152661
AL	-1.0603308571	-0.9664350489	-2.3439791165
AL	-0.9741348342	1.3049112816	2.5725742746
AL	1.1429210132	2.6624783653	-2.9357067454
AL	1.8913228858	-3.9357711972	-1.0011221070
AL	2.4966561595	-2.9752800190	1.4788747967
AL	1.8183795987	3.6782322524	-0.3830220929
AL	1.0538356437	-1.2001950170	-0.2691620239
AL	3.3723181816	-0.4633255494	1.5061154331
MG	-2.7457880015	2.2782590376	0.3997973843
MG	-0.7831040620	-3.6747726442	-1.6003339308
MG	-2.2204759665	1.5892958332	-2.5733036283
MG	-0.3704328092	3.7966994370	1.3823028844
MG	-0.3907967891	-3.2309842260	1.4238122411
MG	-0.8949034006	3.9931280435	-1.5270611612
MG	0.8522214901	-0.8961952109	2.9324114941
MG	1.8931563858	1.8487405292	1.9585197680
MG	1.7635426361	-0.1209893040	-2.9047376263
MG	3.7237586366	-1.7154111361	-1.1190702174
MG	3.3482773261	1.3406780190	-0.7943380076

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Al15Mg10

AL	-2.6843191968	0.4065568447	2.7578346572
AL	-3.1755184953	2.0189348618	-1.8229270636
AL	-2.9793147926	-0.5461943519	-2.7409079238
AL	-1.0597954255	1.7031170543	-3.6178483024
AL	-1.2650851764	-1.9597357027	1.5923044505
AL	-0.2037037646	0.7120654122	1.2775205580
AL	-0.3481288105	-0.4484504769	3.8531150317
AL	-0.2961158268	3.2183488554	-1.3182205509
AL	-0.8277693784	0.3912914042	-1.1939529432
AL	0.5371022529	-3.9045152090	0.4457430865
AL	1.3002281054	-3.0739040543	-2.1811475298
AL	1.1083184933	-1.0607624569	-0.2649554098
AL	1.8580867569	1.2756169628	3.0479051530
AL	2.0745225919	1.6575557542	-0.1945142687
AL	3.6974739859	-0.3689044397	-1.5135123164
MG	-3.3725723846	-0.3516643845	0.1578656514
MG	-2.3781912624	2.5999960199	0.8473857744
MG	-1.5013486181	-2.6311645247	-1.1911690952
MG	-0.7729860832	2.4156827137	3.6547242714
MG	-0.3958203376	-1.3389368389	-3.6795730778
MG	0.5368254779	3.6457765406	1.3505483153
MG	1.6661401933	0.8417220489	-2.9886842801
MG	1.5585023996	-2.1071813609	2.4829401521
MG	3.2790721428	-2.8976785031	-0.1459884707
MG	3.6443951529	-0.1975691692	1.3855151309

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Al16Mg9

AL	-3.3291426913	0.4178302819	-1.7025708449
AL	-0.9434071624	2.9412707810	1.4143258461
AL	-2.2817017950	-1.3326670734	0.2591749040
AL	-2.8498550541	-0.4559665477	3.2225778526

AL	-1.3226998694	-1.4665026712	-2.3005133393
AL	-0.5126826594	0.9455370598	-0.8694319500
AL	-0.6837283606	-3.7028015919	-0.1638765019
AL	-0.4097635134	1.8506336061	3.8846926065
AL	0.7013091409	3.6227848029	-0.6766591848
AL	1.4671926543	-2.5131040288	2.1795035393
AL	-0.4403243305	0.0621681237	1.7891048062
AL	0.8681936241	-1.1720510612	-0.1284933617
AL	1.0733396895	-0.1772173187	-3.2422386514
AL	2.2623230498	1.4552347496	-1.2131247060
AL	2.9086271428	-3.1470433198	0.0370493711
AL	3.4158798270	-0.3376173179	1.0634070003
MG	-3.3343570891	1.3229242609	1.1004696390
MG	-2.1061466578	3.0803486757	-1.3768188735
MG	-1.3103765428	-2.7600711703	2.7062428344
MG	-1.6910312734	0.9416842820	-3.8801828212
MG	0.4796980490	2.7518438572	-3.2818026844
MG	1.0805715376	-3.0876279380	-2.3258527450
MG	1.7345695878	-0.1403875750	3.7525244937
MG	1.7913299185	2.0079873793	1.5582293007
MG	3.4321817778	-1.1071912462	-1.8057365296

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Al17Mg8

AL	-2.9392212472	-0.4153566365	-0.8029835197
AL	-2.8360300245	2.1801201229	0.2873815215
AL	-1.9363327240	-2.1979146224	1.2531504336
AL	-0.6487912264	0.4990050780	1.1525695325
AL	-1.6445211721	-0.9110814884	-3.2344752213
AL	-1.2021665773	1.5060293018	-1.9675434546
AL	-0.0874086940	-1.2899297149	-0.7907756191
AL	0.9675163556	2.6974026511	2.0969756581
AL	0.7970698211	-1.9868970134	1.8582635256
AL	0.7998058108	0.4510463028	3.7538347058
AL	1.2637453219	0.9225102549	-0.6710349545
AL	2.8417704957	-1.0847874189	-1.8169170084
AL	1.2119238328	3.0144867066	-2.6290167644
AL	2.1835052529	-3.1326050713	-0.2719885492
AL	2.5357724151	3.2125763783	-0.1059858407
AL	2.7589360742	0.2431154264	1.8960628152
AL	4.0776370908	0.9426138552	-0.3946534362
MG	-3.6226851455	0.1372872337	2.0457151511
MG	-2.3668662045	-3.0981061789	-1.7151839912
MG	-1.6629981438	2.3465749174	3.0391305525
MG	-1.5646730521	-0.8704566073	3.8035066414
MG	-0.4448913817	3.6381280582	-0.2160236836
MG	-0.2234586578	-4.2888361983	-0.0392974737
MG	1.0750235667	0.3010618104	-3.6059769851
MG	0.6673382134	-2.8159891476	-2.9247340354

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Al18Mg7

AL	-3.5111943245	-1.7265854965	1.3840570287
AL	-3.3681765315	0.7268265309	2.3445132539
AL	-2.1271938632	2.4325901026	-2.2277177672
AL	-1.4122370037	-3.2173684107	1.5681360331
AL	-1.9702565680	-0.2277705152	-3.1655095488
AL	-1.9893131843	2.4422298429	0.5958432708
AL	0.4548765687	-3.6016899820	-0.4895451888
AL	-0.9982131701	-0.3008364675	1.4309245092
AL	-0.1965639072	0.8388475360	-1.1366445178
AL	0.1260850819	1.0436433855	-4.2955198534
AL	-1.3826380335	2.0493989956	3.4186777245
AL	-0.1477850436	3.7994620109	-1.1695029808
AL	0.8117520791	-2.1973136084	2.4982882882
AL	0.3474067643	-1.7433336064	-2.5966112739
AL	2.9588355896	1.2812772436	1.4658405947
AL	1.2669974849	-0.8864927421	0.0694211107
AL	3.3598736121	-1.2885100618	1.9308728123
AL	2.2170162083	0.1306664935	-2.8097576723
MG	-3.4418972668	0.3364449608	-0.6914879018
MG	-2.0905483632	-2.2472094332	-1.1190515049
MG	0.9982421007	0.5034646827	3.4197758788
MG	0.6255305945	2.9796311199	1.5433278981
MG	3.1328961140	-3.2600280199	-0.1882647275
MG	2.3034818711	2.4021579344	-1.0859712589

MG	4.0330241905	-0.2695044958	-0.6940952068
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Al19Mg6			
AL	-3.0652469393	-1.7965117135	-0.4933092230
AL	-2.3985343851	-0.3382061170	1.8342813991
AL	-2.2411626596	2.5036862137	1.7269628245
AL	-1.6108033573	2.1223365257	-1.0083442910
AL	-0.6979069510	1.6144498410	3.9612195581
AL	0.4550514363	-3.7129875854	-1.3407337642
AL	-0.8696374808	-1.4823387223	-2.4428949102
AL	-0.2956964562	-1.4877640326	0.3149579620
AL	-0.8049892731	1.2354785734	-3.6049334602
AL	-0.3300209470	-1.2924954370	3.2608965785
AL	0.0232304427	1.0033346231	1.2059607724
AL	0.9410676736	2.9284790441	-2.2724400497
AL	0.7704699865	-3.5259005305	1.9094909110
AL	0.7268422190	0.3885285562	-1.2789576264
AL	1.9975814316	2.1559588066	2.9097105625
AL	2.5451302182	-2.5634478617	0.2313596905
AL	2.2149260467	-0.5215278543	2.2775334210
AL	3.0704664239	1.2868780961	-2.6993328869
AL	2.5368525516	2.2702410383	0.0822291872
MG	-4.1471231605	1.0384000977	0.0907482078
MG	-3.2243961529	0.2445995427	-2.6089445621
MG	-1.8271864405	-4.1165756797	0.2530694920
MG	0.1866350319	3.7857804050	0.6009153816
MG	2.1959463906	-1.5964082047	-2.5716199356
MG	3.8485073508	-0.1439896249	-0.3378262390

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Al20Mg5			
AL	-3.7894821453	1.0298260611	0.8145449229
AL	-3.1770854517	-0.9422924618	-1.0348617294
AL	-2.4789927856	-3.4871781664	-0.6783985603
AL	-2.5661089017	3.3242539037	0.5523897494
AL	-0.4147029066	-0.9668901571	2.9388920213
AL	-1.0368866206	-0.7873139442	-3.0696112772
AL	-0.4001086327	3.4231103800	2.0954860041
AL	0.4760124769	1.5069694928	3.5749376359
AL	0.6730878939	0.4311226096	-1.1647502507
AL	-1.0327497028	0.9150894869	1.0490644260
AL	-0.8672902574	-3.6725389979	1.6262244924
AL	-0.5611290946	-1.4764669111	0.0131397869
AL	0.1642398300	1.6917967490	-3.6549128994
AL	1.7796003885	1.7385246496	1.0451801202
AL	1.4962565520	-2.5182091735	1.7119930688
AL	2.2559257555	-0.4998993077	-3.5984567761
AL	2.4772059536	-0.2032241668	3.3896619580
AL	2.3362545987	2.5135822980	-2.0302000586
AL	3.5261254190	0.5049452372	-0.8761297958
AL	2.1389822058	-1.9631865377	-0.9672812024
MG	-2.9694402995	-1.4240143144	1.9780948598
MG	-2.1697672777	1.6807221396	-1.8098748067
MG	0.0413094642	3.4880885758	-0.8049906528
MG	0.0940344503	-3.2688121908	-2.4151431572
MG	4.0047110878	-1.0380052536	1.3149991210

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Al21Mg4			
AL	-4.1781333990	0.9275743748	0.5723222486
AL	-3.2513592715	0.0412729249	-2.1908268248
AL	-3.3233373444	-1.7134402514	0.5911928443
AL	-1.9658696989	-0.1379739488	2.5142564729
AL	-1.4307590929	0.4531735830	-0.2447764960
AL	-1.4056815205	-2.9960245274	2.5403492129
AL	-0.1596021627	1.1726553089	-2.6380941654
AL	-1.2185648439	-2.3587060390	-0.9988120970
AL	0.3732410415	3.6650536850	1.1098727234
AL	1.3310073635	-3.6018440890	0.0032179023
AL	0.3097870767	-1.1995073977	0.9639257178
AL	0.3916049095	1.2653577812	2.8371366967
AL	0.5746794198	-1.2776296771	3.8291485446
AL	1.0699204591	1.2298740217	-0.0834673389
AL	1.6745414223	-0.6610098523	-3.7823888417
AL	2.4816835782	-2.6324459941	2.2633265793
AL	1.5381000645	3.6530282759	-1.5852399396

AL	2.4565618965	-1.1631871233	-0.9422572759
AL	2.6997639132	2.6815131941	1.9293015735
AL	3.1038919857	0.0294153597	1.4306666281
AL	2.7840273207	1.2841738645	-2.2864900793
MG	-1.4013538057	3.1762371173	-1.2021003996
MG	-2.2261907830	2.6001853190	1.7336642082
MG	-1.2756117095	-1.2873899974	-3.6559461886
MG	1.0476511810	-3.1503559128	-2.7079817056

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Al22Mg3

AL	-0.4770820867	-0.5088605316	-4.0298071200
AL	1.9678154978	-0.1607446861	-2.9942913967
AL	-3.1547351656	-0.9190320428	-2.9126076596
AL	3.9112829804	-1.2644227159	-1.0621632085
AL	-1.6981469786	2.5689108864	-1.7668945638
AL	-0.6756692077	-0.0518947567	-1.3356815855
AL	0.9301587608	2.1968455433	-1.9702359417
AL	-1.3460638980	-2.7965829419	-1.8670333015
AL	1.2516140011	-2.2799315352	-1.4204303948
AL	-3.2985490745	0.5269141338	-0.6152886249
AL	-0.1235297994	4.6027072600	0.3235223313
AL	0.0227275460	1.5842718307	0.6281640403
AL	2.4513169080	0.2529261016	1.0005964967
AL	0.0550482202	-1.3380382116	0.8472684152
AL	-0.5402218943	-4.3288650645	0.8904444169
AL	-2.6793461163	-1.9815261863	0.4414028223
AL	2.2737438168	3.0954603721	0.4343156129
AL	1.1084512696	-2.3027599836	3.3201546473
AL	-2.1885821038	0.3750632142	2.1288476018
AL	-0.7682436986	2.7208921783	3.0866664157
AL	0.6885080847	0.4341954495	3.1921843276
AL	-1.6254246735	-2.2355756425	2.9701627911
MG	3.7939438550	1.5342497637	-1.3427997630
MG	2.7117761480	-2.7084586087	1.0809561523
MG	-2.5907933913	2.9842591741	0.9725484885

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Al23Mg2

AL	-3.7518218877	-0.2990490531	1.0972092659
AL	-3.2016526373	-3.0276265516	0.9375111363
AL	-2.2978615703	0.4102957460	-1.3088797749
AL	-1.7412217535	3.1014114710	-1.8075920178
AL	-0.8405171989	-1.5020992481	-4.0822080285
AL	-1.2867887396	1.5101301317	2.1341924872
AL	-0.6978696645	-3.6856671917	1.4998950632
AL	-2.2986308441	-2.3215275163	-1.6628115156
AL	-1.1172201351	-1.0215943392	0.8884965822
AL	-0.3900756960	-0.4664383279	3.7249736890
AL	0.3649334700	-3.2712451244	-0.9984684271
AL	0.2609076413	-0.5188668127	-1.3672137664
AL	-0.4480576799	1.3844173116	-3.3649226369
AL	1.3039984144	2.9499493664	2.0227844686
AL	0.9530509363	2.1891512596	-0.9548941965
AL	1.8635223491	-2.2008657017	-3.0270540239
AL	1.1266503253	0.3692370536	1.1302120250
AL	1.3593150686	-2.1251767345	2.3818993704
AL	2.9854564988	-0.8208931216	-0.8427346427
AL	2.8098245574	1.0958310017	3.7442760796
AL	2.1780701276	0.6312643560	-3.3090769325
AL	3.5555087498	1.8850666676	0.3741237094
AL	3.6196217274	-0.7337483483	1.7597366052
MG	-3.5071715360	2.4238601317	0.3756926051
MG	-0.8019705231	4.0441845741	0.6548548755

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Al24Mg1

AL	2.3676317586	0.6009706938	-3.7283518700
AL	-0.2874114402	0.6888681458	-3.9403036425
AL	1.7002950461	-2.2792483945	-3.5133236612
AL	3.9144482011	-0.3157074675	-1.7733972157
AL	-1.3556676044	2.1599680771	-1.8721005627
AL	-1.7734670964	-1.1188310400	-2.6316274023
AL	1.4584058825	2.5442359188	-1.9372876882
AL	0.8661831440	-0.2720776420	-1.4266734434
AL	-3.0508144737	0.6527667746	-0.2813686652
AL	2.6977950764	-2.4725779287	-0.7458583938

AL	-0.1062686754	-2.8482131154	-1.1458363181
AL	-3.3821263847	-2.1479196738	-0.5866881233
AL	-2.1765561776	3.3077777631	0.4637956317
AL	2.6795762366	0.3370030704	0.6311700976
AL	-0.0361009967	1.3285246142	0.5017463013
AL	-1.6595135579	-3.7137654494	0.8743386129
AL	-1.1350981005	-1.0332820290	0.8757737107
AL	1.5744834623	-2.4679994388	1.6191269257
AL	-2.2287297682	1.1464633286	2.3461543417
AL	-0.4848852736	-2.6313272726	3.1801491094
AL	2.0474278251	2.2855427238	2.2617487617
AL	-2.4345493787	-0.9584253476	4.1242153963
AL	-0.3408539054	3.1438945115	3.4156013261
MG	0.5704414327	0.0228228394	2.9327169452
MG	0.5753547683	4.0405383381	0.3562818260

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Al25Mg0

AL	-4.0810915084	-0.6332107015	1.0479141120
AL	-3.6203698724	-0.1867175869	-2.1474968815
AL	-2.7795242850	-2.7782477897	-1.5727731750
AL	-2.7225655591	1.7026757270	0.6627436843
AL	-2.6076087304	-3.0568468722	1.3119615221
AL	-1.8093505759	-0.0880205655	2.8063660030
AL	-1.4874404066	-0.6862562516	-0.1244547433
AL	-1.2866212966	3.5221115858	2.6117521819
AL	-1.0769021972	3.4775050116	-0.6126323001
AL	-0.6613474689	-1.2350451402	-2.8375382431
AL	-1.3232794157	1.3691083559	-2.3211817838
AL	-0.1402960633	-3.3884828249	-0.8420095723
AL	0.1596104526	1.2429292691	1.1874879453
AL	-0.0844282655	-2.0904003595	1.9549118653
AL	0.6685926727	0.4392589501	4.0423474432
AL	1.0766332469	3.8243196650	0.8649165312
AL	1.1139836780	-0.6196061649	-0.6941035228
AL	1.4494007845	2.0671768314	-1.2872586822
AL	1.8709192235	-2.5863796133	-2.9883885987
AL	1.6431702661	0.4174741878	-3.4375719785
AL	2.1529329047	-3.1225946847	0.6685150441
AL	3.7575782543	3.5343591551	0.6937122416
AL	2.3148987391	-0.4067818905	1.9595123858
AL	3.8162988271	0.8736448101	-0.0491320464
AL	3.6568045953	-1.5919741033	-0.8976014320

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Al0Mg30

MG	-0.1505927223	0.7444940545	-3.7981051427
MG	-0.7644253943	-2.2769868489	-3.6211939901
MG	2.1761994176	-1.0587620711	-3.0605198116
MG	1.4885872870	-4.0371857560	-2.6274019069
MG	-2.0586924990	3.0539962185	-2.9747619121
MG	2.1753029500	1.9413739938	-2.3799019746
MG	-4.1559684661	2.1582875700	-1.0052970897
MG	-2.9825921732	0.0686905825	-2.9896950539
MG	0.0388581426	-1.4521949066	-0.6974017145
MG	-1.1255963647	-4.6895036541	-1.4803827310
MG	0.4642150634	4.2586621371	-1.3073988421
MG	3.4598249949	-2.8652075221	-0.8629800904
MG	3.0864934621	0.0423435265	-0.3373282263
MG	-2.3608320419	4.3857247294	-0.2577088830
MG	-0.6308166416	1.4238206436	-0.7571402422
MG	-3.2237974654	-2.7203084710	-1.7686566207
MG	2.5210273128	2.8767032879	0.5187523397
MG	-2.7337491759	2.0535492052	1.8057289972
MG	-3.0719190799	-0.4409405374	0.1449027843
MG	1.0328403943	-4.1650444241	0.5787858016
MG	0.5614137014	0.3440742319	1.5993107217
MG	3.0615884729	-2.0527789630	2.0551185366
MG	-1.9916688261	-3.1741037320	1.0651526679
MG	-0.1569902325	3.7182990401	1.7551793880
MG	4.0345354852	0.8787699004	2.4298986959
MG	-0.7031216719	1.6480131069	4.0891655449
MG	-2.2355455925	-0.7533512343	2.9393001301
MG	0.2221606858	-2.4399998504	3.0123496542
MG	2.0693973431	2.7412790686	3.6148917122
MG	1.9538646341	-0.2117133258	4.3173342577

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Al5Mg25

AL	-2.7675365860	-0.4295522163	-0.0642388699
AL	-0.3577006492	0.3350511193	1.5394650594
AL	0.0808009446	1.5084028897	-0.9139333937
AL	-1.6319006701	-0.0009359577	-2.7049601853
AL	0.2029381427	-1.3328996641	-0.5297328656
MG	-2.6718880989	-2.5573418008	-2.1567577430
MG	-3.4101360070	-1.2761110429	2.6724850853
MG	-3.0528869468	1.6651865724	2.1498445801
MG	-2.9232422788	2.2494567614	-1.0804119190
MG	-2.1337797837	-3.1995751386	0.7328069016
MG	-1.8487033957	0.2296258132	4.6048065733
MG	-1.3536791746	2.4895551720	-3.8747781929
MG	-0.6850159455	-4.5621513411	-1.6290807327
MG	-1.0766694496	4.5155786689	-1.7991491446
MG	-0.9698014460	3.4980487549	1.0290832806
MG	-0.4908625723	-2.2292330128	3.1873813138
MG	-0.4367093799	2.6360024010	3.8551100040
MG	0.1948300171	-2.2256416234	-3.4320074774
MG	0.8528606078	-3.8744961017	0.9369170750
MG	1.4350095284	3.5929308165	-3.2462734465
MG	1.2167772536	0.1616157482	4.1600951095
MG	1.1950829908	0.6749697050	-3.6811268707
MG	1.6408420770	4.3450651950	-0.4212148563
MG	1.8749377990	2.5192799434	1.9151297246
MG	2.1851523447	-4.0508809439	-1.9561830852
MG	2.5548170958	-2.2901764803	3.0341987660
MG	3.0372277951	1.8513941129	-1.3542916618
MG	3.7159364559	-2.9277769344	0.2989996169
MG	2.9572047439	-1.1617781308	-2.1329491982
MG	2.6660955878	-0.1536122852	0.8607665527

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Al10Mg20

AL	-4.0728637890	0.2167660072	-0.2569464023
AL	-2.3742644989	-0.7127573583	1.7292310449
AL	-1.2919078987	0.2765624676	-0.9480275683
AL	0.0467085756	1.0698016599	1.2483180558
AL	-1.4269769204	0.4775440152	-3.7625336362
AL	-0.9418429416	3.6515370913	-0.5285522418
AL	0.0686647022	-1.6633773836	0.5975075940
AL	1.6422762527	-2.7123422324	-1.9225365550
AL	2.3812288803	2.3583275968	2.1725549101
AL	1.4804678565	0.0088649145	-0.8839116029
MG	-2.9200910751	-2.6124962856	-0.3704325313
MG	-1.8972812137	1.4374095914	3.7042451021
MG	-3.6921309124	-0.7511813385	-2.7774771305
MG	-2.8661376337	2.4010823784	1.0369755402
MG	-2.9243795560	2.3119355293	-2.1088153761
MG	-1.7093638652	-3.5942642986	2.2402879381
MG	-0.3860042580	-1.2952740840	3.7731114125
MG	-0.9770508119	-2.1917442096	-2.6339021252
MG	-0.2842144968	-4.3159566993	-0.3420444677
MG	-0.1730017160	3.7227291290	2.2489421345
MG	0.3137866013	2.4233410765	-2.7955011087
MG	1.2286999172	-3.5534640803	2.5094419385
MG	0.8833999914	1.4680508695	4.3200208495
MG	2.2837161630	-0.5718245746	2.3991366919
MG	1.3418758557	-0.3504586521	-3.8185152503
MG	1.9090124516	3.2848148450	-0.4070781340
MG	3.1664382868	-2.5527843606	0.4058976664
MG	3.3219167028	1.8185551054	-2.7306078972
MG	3.9327368504	-1.0217823012	-2.2622956436
MG	3.9365805000	0.9723865817	0.1635037926

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Al15Mg15

AL	0.9479177324	-1.7931556760	-3.2606297687
AL	0.3875158130	0.3090021454	-1.4638235391
AL	-2.1916518143	1.3292772982	-1.8520476136
AL	-1.3727741441	-1.9183405101	-1.7237117130
AL	3.1307907483	-0.5869763016	-1.5554598987
AL	-1.5490771248	-3.8588030798	0.3771828377
AL	-0.4427459460	3.2996147321	-0.6564557869
AL	0.1314888232	-1.4472493936	0.6423727205

AL	2.1364164728	0.4690171235	0.9045422983
AL	-0.8379554552	0.9410220916	0.8370408253
AL	-2.5144385828	-1.5889517933	1.6747038272
AL	2.9064831025	-2.2029634784	0.8326258762
AL	-0.9520009608	3.3903272907	2.1607648419
AL	-0.5399031847	-1.0813994732	3.3815703809
AL	4.1763185048	0.5167050078	3.0245659199
MG	2.0961026139	0.6560526238	-3.9704505402
MG	-1.2925878527	-0.1900660871	-4.2013415349
MG	-3.9220815552	-0.9494843535	-3.0860500889
MG	0.0007515843	2.6179955315	-3.3610483174
MG	2.4863075174	2.4114484100	-1.5051774299
MG	1.1563550407	-3.5437632282	-1.0049791838
MG	-3.9901522859	-2.8309734812	-0.7281425990
MG	-4.0603412030	0.1088453727	-0.0069330243
MG	4.5038555272	2.2271158355	0.8394105725
MG	-3.2052074125	2.9449950566	0.4694997316
MG	1.7724310408	3.4524540289	1.2756229785
MG	0.7351024590	-3.7541056603	2.2102550940
MG	-2.8124274585	1.0694046281	2.8069916850
MG	2.3003318295	-1.4268168735	3.5672618841
MG	0.8151761708	1.4297732134	3.3718405648

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Al20Mg10

AL	-4.2234740171	-0.2719667766	2.0064859110
AL	-2.4655538919	-2.3893984612	1.1308797473
AL	-3.2688324718	1.7107101419	-2.2851556465
AL	-1.6759256718	-2.7162239292	-1.5873924547
AL	-2.4089973036	-0.1307116777	-0.3291333615
AL	0.1196141872	3.3858213491	1.9664560430
AL	-1.4289085994	1.0658850511	2.4206613750
AL	-0.6269705848	2.1382379423	-2.1992754899
AL	1.1041801017	-0.1654645697	-1.9268250180
AL	-0.1779312506	-2.5144334955	2.8029035105
AL	0.0258164594	-1.3649717719	0.2297085024
AL	1.2906245727	-3.1318291383	-1.5601005976
AL	0.5555775170	1.1611898720	0.3989314189
AL	-0.1152535492	-0.3626070105	4.7759409853
AL	3.0699388463	1.8749942273	1.7765587923
AL	3.7649592934	0.3071131298	-3.4035688455
AL	1.6080701874	-0.5373583568	2.4332236399
AL	1.9091270843	2.3492688019	-3.0974664742
AL	3.1792136123	-1.0074284248	0.1466842032
AL	3.4552433614	1.5041914796	-0.9111678550
MG	-4.7486400166	1.5462026996	0.0533366447
MG	-2.0422035625	2.9652638423	0.1525300549
MG	-2.6230144140	-1.1383152265	4.0184356012
MG	-0.5086157556	-4.3769657665	0.4710104950
MG	-1.6380468177	-0.5147783162	-3.3701294193
MG	1.3182271958	1.8630465648	4.0379131249
MG	0.9106414991	0.4679146759	-4.9872129300
MG	2.1086184155	-3.3698043504	1.2659067920
MG	1.3974161637	3.6508265851	-0.5252524836
MG	2.1330984091	-1.9984130910	-3.9048892661

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Al25Mg5

AL	-3.6396382219	-1.8915779094	-0.1295282811
AL	-2.4793087849	0.5125336167	3.5513853143
AL	-2.4075077389	2.5554102281	1.8336428209
AL	-3.1505464989	0.0220473430	-1.9694622813
AL	-3.1304979175	-1.9123470842	2.5588308786
AL	-1.7212603253	0.2207606118	0.3427499048
AL	-0.5018100559	-0.7699121662	4.8356705131
AL	-1.6866081924	2.4508486166	-3.0254948196
AL	-0.1083403946	-0.9496305158	2.0548101661
AL	-1.5468680724	-2.3963543959	-1.7656179215
AL	-0.8568382086	-3.1252728457	3.6535851685
AL	0.3771722838	1.8337700549	-4.5141847713
AL	0.6256553234	-2.7856531690	-3.2706071644
AL	0.3744215258	2.5230524087	2.1855569634
AL	1.1395046251	-3.3693349465	-0.6510111829
AL	-0.2794317615	0.0396090250	-2.3254039996
AL	1.2313473308	-3.5767641642	2.0176250318
AL	2.0840307174	3.3736775143	0.2882971632

AL	0.9658067259	0.6699411847	0.0619403011
AL	1.4738572806	0.6382849201	3.8909951552
AL	1.6080892594	2.7772812754	-2.2704299567
AL	2.3066261138	-1.0139184836	-1.6567281658
AL	3.4851088935	0.9247618206	-3.3317625288
AL	4.0033384213	1.5249469741	-0.7947892023
AL	2.4934921189	-1.3051303987	1.3688715306
MG	-3.5607486774	2.5330236514	-0.7150544321
MG	-1.4120247951	-3.5321184741	0.8419064908
MG	-0.7041175251	3.2792006050	-0.4034948453
MG	1.6255813109	-0.6739328939	-4.6825907270
MG	3.3915152398	1.4227965969	2.0202938772

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AL30Mg0

AL	-3.5787585383	-0.2424564029	-1.1662951756
AL	-4.4072018716	-1.1181023143	1.3014193584
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