Table S1. (LUMO-4)–(LUMO-3) gaps (in eV) of the cages that encapsulate clusters and of cage candidates for large EMFs.

Cage	Isomer	(LUMO-4)–(LUMO-3) gap (eV)	(LUMO-4)–(AveLUMO123) gap (eV)
C_{68}	D_3-C_{68}:**6140**	1.17	1.57
C_{78}	D_{3h}-C_{78}:**5**	1.19	1.26
C_{80}	I_h-C_{80}:**7**	1.86	1.86
	D_{3h}-C_{80}:**6**	1.46	1.63
C_{82}	C_{3v}-C_{82}:**8**	0.82	1.65
C_{84}	C_s-C_{84}:**51365**	1.33	1.57
C_{86}	D_3-C_{86}:**19**	1.50	1.57
C_{88}	D_2-C_{88}:**35**	0.86	1.25
C_{92}	T-C_{92}:**86**	1.55	1.55
C_{94}	C_2-C_{94}:**121**	1.18	1.35
C_{96}	D_2-C_{96}:**186**	1.17	1.39
	D_{6d}-C_{96}:**187**	1.16	1.32
C_{98}	D_3-C_{98}:**215**	1.27	1.34
C_{100}	D_5-C_{100}:**450**	1.55	1.57

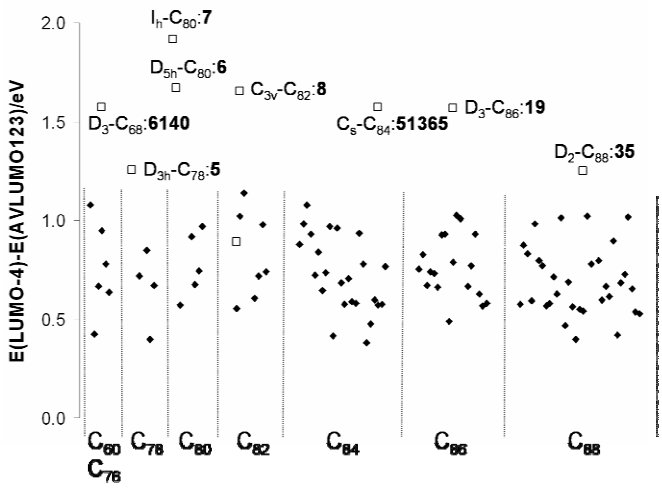

Figure S1. Plotting of the (LUMO-4)–(Average of LUMO1,LUMO2 and LUMO3) gap for all the IPR isomers from C_{60} to C_{88} and also the non-IPR D_3-C_{68}:**6140** and C_s-C_{84}:**51365**. White squares represent the cages that are able to encapsulate TNT or M_2 clusters (where M is a group 3 or a lanthanide metal atom).

2. Optimized coordinates of the six cage candidates proposed in this work (xyz file) along with their bond energies (with respect to the atoms) as obtained at BP86/TZP level with the ADF code.

2.1. C_{92} (*T*-**86**), E = -29.46067 a.u.

C	-4.358721	-0.511229	-0.530366
C	-3.946386	-0.014451	-1.782543
C	-3.821327	1.408378	-1.892133
C	-2.896013	1.988133	-2.812182
C	-2.248096	1.176683	-3.717056
C	-3.994157	-1.822429	-0.095158
C	-3.131664	-2.656820	-0.848309
C	-2.689174	-2.197224	-2.161394
C	-3.133156	-0.890552	-2.637080
C	-2.394777	-0.259765	-3.668908
C	-0.819516	-3.809914	-2.029811
C	-1.492859	-2.792056	-2.749667
C	-1.209941	-4.197314	-0.711051
C	-2.348024	-3.643546	-0.092246
C	-2.336225	-3.602086	1.339610
C	1.203543	2.449811	-3.474936
C	-0.200580	2.564597	-3.481374
C	-0.921701	1.509119	-4.128124
C	-0.280710	0.282120	-4.493875
C	1.611898	-1.164695	-4.051890
C	1.121988	0.125827	-4.370716
C	1.867625	1.240776	-3.914563
C	-0.700357	-2.059796	-3.747007
C	-1.180125	-0.808863	-4.182764
C	0.716389	-2.258020	-3.820529
C	-0.834089	3.329966	-2.398755
C	-2.214343	3.094782	-2.181440
C	1.993036	3.049567	-2.446103
C	1.411991	3.710160	-1.335319
C	-0.038521	3.872535	-1.301506
C	-0.688876	4.130355	-0.020218
C	0.118825	4.234372	1.139330
C	3.169037	2.223658	-2.297668
C	3.818709	2.122788	-1.087390
C	3.394870	2.941512	0.002869
C	2.200717	3.726617	-0.095721
C	1.526862	3.993982	1.112250
C	2.761534	-1.330771	-3.188149
C	3.433393	-0.224083	-2.632886
C	3.048243	1.065357	-3.123781
C	-2.099761	3.779366	0.192525
C	-2.826484	3.272432	-0.902735
C	-0.351014	3.774135	2.425721
C	-1.634405	3.300764	2.585979
C	-2.549687	3.380938	1.493003
C	0.719205	3.141844	3.128377
C	0.499542	1.923346	3.848941
C	1.609301	1.065288	3.979211
C	3.728305	2.237853	1.204550
C	2.971936	2.415921	2.389162
C	1.903984	3.346057	2.350854
C	2.840630	1.303255	3.256263
C	-3.493279	2.317588	1.663128
C	-4.133619	1.724016	0.547449
C	-3.838031	2.250512	-0.734211
C	-4.453281	0.346407	0.631974
C	-3.072775	1.515128	2.792505
C	-3.280590	0.122119	2.826480
C	-4.101211	-0.423682	1.786811
C	-3.064091	-2.595555	2.043878
C	-3.917550	-1.769374	1.346555

C	-0.842013	1.324993	3.886926
C	-1.897595	2.104235	3.351787
C	1.443088	-0.345340	4.135442
C	0.171540	-0.967738	4.078205
C	-1.013512	-0.122740	3.962130
C	-2.252911	-0.712115	3.464436
C	-2.261488	-2.089898	3.133390
C	2.608758	-0.963126	3.546537
C	2.541421	-2.220593	2.988428
C	1.332512	-2.971586	3.103454
C	0.145574	-2.367013	3.630293
C	-1.079179	-2.891166	3.171979
C	4.239961	0.933996	0.838615
C	4.006836	-0.201647	1.638991
C	3.416123	0.035297	2.922265
C	2.603961	-2.547623	-2.455931
C	3.029219	-2.681651	-1.111146
C	3.746583	-1.570442	-0.493292
C	3.978146	-0.359597	-1.275001
C	4.268604	0.844379	-0.586894
C	3.171929	-2.508527	1.720975
C	3.801204	-1.489991	0.963157
C	1.119944	-4.284079	-0.795634
C	0.617411	-3.946374	-2.088738
C	1.373759	-3.147686	-2.917864
C	2.402991	-3.547442	1.112106
C	2.306350	-3.661632	-0.288768
C	-1.136788	-3.843845	2.083443
C	1.283671	-3.854571	1.977190
C	0.045575	-4.284534	1.439356
C	-0.016791	-4.517911	0.043330

2.2. C_{94} (*C_2*-**121**), E = -30.12837 a.u.

C	-2.482810	3.629411	-1.191584
C	-3.047002	2.598763	-1.966252
C	-4.118999	1.867264	-1.357813
C	-4.412235	0.529391	-1.759094
C	-3.664727	-0.053586	-2.768673
C	-1.167303	4.092308	-1.430786
C	-0.295137	3.480491	-2.365480
C	-0.806316	2.335871	-3.115374
C	-2.193305	1.955842	-2.961043
C	-2.569052	0.648809	-3.374717
C	1.520811	1.617998	-3.502125
C	0.147089	1.345576	-3.615311
C	2.024739	2.758081	-2.779114
C	1.137056	3.648611	-2.141387
C	1.604449	4.229354	-0.916195
C	-2.918167	-3.382015	-1.345388
C	-3.746155	-2.260808	-1.608069
C	-3.356650	-1.464176	-2.716827
C	-2.086321	-1.637967	-3.348180
C	0.246759	-2.435357	-3.114932
C	-1.186970	-2.657516	-2.981023
C	-1.685542	-3.593289	-2.030815
C	2.499567	-2.921189	-2.244974
C	1.146781	-3.302497	-2.364798
C	-0.235984	-0.053828	-3.800059
C	-1.599274	-0.335040	-3.738714
C	2.493432	0.572157	-3.432729
C	2.110958	-0.801857	-3.434032
C	0.718607	-1.151041	-3.592114
C	2.983212	-1.700330	-2.780504
C	-4.456084	-1.617741	-0.484183
C	-4.807691	-0.247875	-0.599419

C	-2.716368	-3.861088	0.012870
C	-3.287663	-3.190096	1.069007
C	-4.204155	-2.100152	0.838526
C	-1.390131	-4.375482	0.145163
C	-0.623483	-4.155034	1.332168
C	0.764643	-4.267769	1.168492
C	0.614943	-4.164790	-1.307944
C	-0.773103	-4.275636	-1.143686
C	1.381345	-4.377361	-0.119196
C	-4.069735	-1.202985	1.937915
C	-4.335270	0.185258	1.805413
C	-4.769242	0.641709	0.522380
C	-3.588991	1.067276	2.634822
C	-2.988694	-1.678351	2.787870
C	-0.723799	-1.125876	3.595655
C	-2.115857	-0.776611	3.435776
C	-2.496667	0.597519	3.425186
C	1.594587	-0.311561	3.738708
C	0.232263	-0.028513	3.797516
C	-1.154686	-3.285268	2.382947
C	-2.506768	-2.904326	2.261066
C	1.677540	-3.580327	2.051584
C	1.179612	-2.637828	2.995733
C	-0.253516	-2.413309	3.127577
C	2.080065	-1.617010	3.356832
C	-3.281009	2.410061	2.197448
C	-3.646550	2.836414	0.887749
C	-4.381485	1.952384	0.052282
C	-2.764855	3.743687	0.241237
C	-2.023751	2.779559	2.758731
C	-1.134059	3.665403	2.115088
C	-1.599752	4.236775	0.885629
C	0.668507	4.579790	0.117429
C	-0.663231	4.578301	-0.150123
C	-0.149316	1.371086	3.604285
C	-1.521479	1.644596	3.489434
C	2.566849	0.669282	3.368047
C	2.193458	1.974174	2.946217
C	0.806269	2.357358	3.097225
C	0.297399	3.496976	2.340635
C	1.171664	4.101957	1.401023
C	3.660978	-0.038141	2.767954
C	4.409747	0.537417	1.753878
C	4.118610	1.871794	1.344120
C	3.048174	2.608960	1.947509
C	2.485791	3.635889	1.165361
C	2.910077	-3.374611	1.365333
C	3.739119	-2.252448	1.621010
C	3.351102	-1.448652	2.724551
C	4.197472	-2.108654	-0.827673
C	3.279712	-3.199211	-1.050435
C	2.707754	-3.862254	0.009936
C	4.803612	-0.248585	0.599286
C	4.449997	-1.617282	0.492756
C	3.588431	1.046654	-2.644850
C	4.767048	0.634246	-0.529384
C	4.332823	0.169418	-1.809904
C	4.064601	-1.219675	-1.932574
C	2.768708	3.739755	-0.269090
C	4.381752	1.947032	-0.068710
C	3.648843	2.826782	-0.909707
C	3.283343	2.392042	-2.217219

2.3. C_{96} (D_2-**186**), E = -30.76214 a.u.

C	-2.327637	-3.806558	0.757397

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C	-3.485713	-3.031876	0.638827
C	-1.773841	-4.300446	-0.473068
C	-1.435278	-3.588243	1.917383
C	-3.998703	-2.598470	-0.644091
C	-3.815174	-2.037839	1.621933
C	0.389139	-4.623475	0.565182
C	-0.389139	-4.623475	-0.565182
C	1.773841	-4.300446	0.473068
C	-0.137426	-4.122317	1.823730
C	0.137426	-4.122317	-1.823730
C	-2.167830	-3.752853	-1.736606
C	2.327637	-3.806558	-0.757397
C	2.167830	-3.752853	1.736606
C	3.485713	-3.031876	-0.638827
C	1.435278	-3.588243	-1.917383
C	3.815174	-2.037839	-1.621933
C	3.998703	-2.598470	0.644091
C	-3.261116	-2.869729	-1.843558
C	-0.962854	-3.569664	-2.528446
C	-3.178638	-1.848888	-2.827563
C	-4.641832	-1.352474	-0.445572
C	-1.948923	-1.618811	-3.542421
C	-3.827701	-0.588062	-2.627171
C	-0.793121	-2.423554	-3.342024
C	0.519531	-1.835621	-3.469964
C	0.592813	-0.422987	-3.849978
C	1.657496	-2.464770	-2.813450
C	-1.838234	-0.216717	-3.764220
C	1.838234	0.216717	-3.764220
C	2.994344	-0.427640	-3.214197
C	1.948923	1.618811	-3.542421
C	-0.592813	0.422987	-3.849978
C	2.904672	-1.726648	-2.681343
C	4.575957	-1.026101	-0.976689
C	3.827701	0.588062	-2.627171
C	-4.555127	-0.321410	-1.432530
C	-2.994344	0.427640	-3.214197
C	-4.575957	1.026101	-0.976689
C	-4.575957	-1.026101	0.976689
C	-3.815174	2.037839	-1.621933
C	-4.641832	1.352474	0.445572
C	-2.904672	1.726648	-2.681343
C	-1.657496	2.464770	-2.813450
C	-1.435278	3.588243	-1.917383
C	-0.519531	1.835621	-3.469964
C	-3.485713	3.031876	-0.638827
C	-0.137426	4.122317	-1.823730
C	0.962854	3.569664	-2.528446
C	0.389139	4.623475	-0.565182
C	-2.327637	3.806558	-0.757397
C	0.793121	2.423554	-3.342024
C	3.178638	1.848888	-2.827563
C	2.167830	3.752853	-1.736606
C	-4.555127	0.321410	1.432530
C	-3.998703	2.598470	0.644091
C	-3.827701	0.588062	2.627171
C	-3.178638	1.848888	2.827563
C	-2.994344	-0.427640	3.214197
C	-3.261116	2.869729	1.843558
C	-2.167830	3.752853	1.736606
C	-1.773841	4.300446	0.473068
C	-0.962854	3.569664	2.528446
C	-1.948923	1.618811	3.542421
C	-0.389139	4.623475	0.565182
C	-2.904672	-1.726648	2.681343
C	-1.838234	0.216717	3.764220
C	-1.657496	-2.464770	2.813450
C	-0.519531	-1.835621	3.469964

C	0.962854	-3.569664	2.528446
C	-0.592813	-0.422987	3.849978
C	0.592813	0.422987	3.849978
C	0.793121	-2.423554	3.342024
C	1.948923	-1.618811	3.542421
C	1.838234	-0.216717	3.764220
C	3.178638	-1.848888	2.827563
C	-0.793121	2.423554	3.342024
C	0.137426	4.122317	1.823730
C	0.519531	1.835621	3.469964
C	1.657496	2.464770	2.813450
C	2.994344	0.427640	3.214197
C	3.261116	-2.869729	1.843558
C	3.827701	-0.588062	2.627171
C	4.641832	-1.352474	0.445572
C	4.555127	-0.321410	1.432530
C	4.575957	1.026101	0.976689
C	3.815174	2.037839	1.621933
C	4.641832	1.352474	-0.445572
C	1.435278	3.588243	1.917383
C	2.327637	3.806558	0.757397
C	2.904672	1.726648	2.681343
C	3.485713	3.031876	0.638827
C	1.773841	4.300446	-0.473068
C	3.998703	2.598470	-0.644091
C	3.261116	2.869729	-1.843558
C	4.555127	0.321410	-1.432530

2.4. C_{96} (D_{6d}-**187**), E = -30.71557 a.u.

C	2.976054	2.177571	-2.486453
C	3.680943	-0.098545	-2.489057
C	-0.313618	-1.395239	-3.335125
C	1.065643	-0.969025	-3.332149
C	2.745146	0.859544	-2.937570
C	1.385428	0.439660	-3.330496
C	-2.966895	-2.154505	-2.507939
C	-3.672828	0.120584	-2.507145
C	-2.734479	-0.835056	-2.953650
C	-1.373128	-0.413733	-3.338080
C	-3.360389	1.503527	-2.506428
C	-2.100939	1.962944	-2.951522
C	-1.053970	0.994938	-3.337242
C	0.325578	1.420980	-3.332380
C	0.640542	2.810981	-2.941015
C	1.936727	3.140863	-2.487495
C	3.857810	2.463385	-1.375958
C	4.565217	1.420042	-0.726085
C	4.570551	0.161405	-1.378465
C	4.615753	1.433657	0.708236
C	-0.196489	4.578476	-1.384610
C	1.059025	4.668863	-0.730931
C	2.153642	4.042730	-1.377961
C	3.285353	3.554728	-0.647696
C	3.245875	3.510944	0.786628
C	3.876142	2.419696	1.436184
C	-1.741596	3.252479	-2.500229
C	-0.387071	3.670318	-2.493585
C	4.563066	0.199942	1.434103
C	4.656855	-1.055046	0.781921
C	4.714473	-1.064540	-0.652553
C	4.055727	-2.104344	-1.383702
C	4.028278	-2.149376	1.427877
C	3.543747	-3.281662	0.696672
C	3.506746	-3.240773	-0.737672
C	2.450644	-3.855177	1.421625

C	1.410163	-4.569404	0.764354
C	0.149013	-4.576877	1.415726
C	3.649863	0.390876	2.538865
C	3.230848	1.744471	2.540334
C	2.422087	-3.875389	-1.393672
C	1.430912	-4.616328	-0.670233
C	-2.121956	-4.065480	1.413875
C	-1.076674	-4.733459	0.687048
C	-1.059215	-4.661189	-0.760145
C	0.201233	-4.564584	-1.403433
C	-3.895441	-2.416918	1.408300
C	-3.255706	-3.515081	0.755060
C	-0.117718	-3.679851	2.521038
C	-1.499930	-3.366846	2.518323
C	0.396239	-3.648353	-2.504148
C	1.749476	-3.228817	-2.499573
C	2.109938	-1.937668	-2.943599
C	3.367097	-1.480016	-2.492200
C	-1.928284	-3.118921	-2.506650
C	-0.630272	-2.787324	-2.949540
C	-2.152931	-4.034319	-1.410449
C	-3.292016	-3.556554	-0.681650
C	-4.631510	-1.427834	0.678652
C	-4.569716	-1.406051	-0.757058
C	-3.857177	-2.442831	-1.409057
C	-4.569328	-0.143414	-1.404199
C	-2.464165	3.865153	1.425034
C	-3.557126	3.295698	0.689203
C	-4.580217	-0.195307	1.409605
C	-4.043828	2.158403	1.419283
C	-4.671744	1.064523	0.761181
C	-4.721618	1.083052	-0.675308
C	-2.807226	0.634824	2.967884
C	-3.667282	-0.390443	2.516694
C	0.101346	3.678037	2.536151
C	-0.857420	2.740215	2.978126
C	-2.175728	2.974062	2.528666
C	-3.138318	1.934454	2.525080
C	2.787897	-0.636315	2.982918
C	3.121500	-1.932533	2.532699
C	2.158464	-2.972761	2.528227
C	1.483681	3.364317	2.539769
C	1.939961	2.104334	2.986137
C	0.970832	1.058206	3.369784
C	1.397758	-0.321948	3.369350
C	0.415781	-1.382055	3.363888
C	0.837931	-2.742495	2.973236
C	-3.248970	-1.744440	2.514284
C	-1.959500	-2.107311	2.964099
C	-0.437791	1.377909	3.365137
C	-1.419627	0.318083	3.359656
C	-0.992780	-1.062413	3.358145
C	1.069043	4.722574	0.704849
C	2.111920	4.060825	1.437558
C	-4.058089	2.125418	-1.402468
C	-3.509060	3.260278	-0.745381
C	-2.420213	3.895291	-1.396014
C	-1.421213	4.576563	0.776725
C	-1.432405	4.633004	-0.661383
C	-0.158391	4.576114	1.431754

2.5. C_{98} (*D_3*-**215**), E = -31.43339 a.u.

C	-4.104354	-1.061958	2.124312
C	-3.756984	-2.260094	1.459284
C	-4.182956	-2.379708	0.099557

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C	-3.440594	-3.183408	-0.820895
C	-2.414974	-3.974072	-0.357733
C	-3.324949	-0.571317	3.207310
C	-2.127865	-1.200097	3.623339
C	-1.712773	-2.425967	2.950544
C	-2.558358	-2.970332	1.914338
C	-1.970900	-3.892864	1.008295
C	0.585314	-2.067613	3.777387
C	-0.299333	-2.815136	2.987261
C	0.176627	-0.823199	4.396202
C	-1.140371	-0.354318	4.284952
C	-1.284101	1.065197	4.268147
C	0.169234	-3.391639	-2.911262
C	-1.147529	-3.529239	-2.447648
C	-1.288639	-4.224236	-1.208845
C	-0.165843	-4.455117	-0.362786
C	1.150626	-4.222276	-0.786904
C	1.291620	-3.830680	-2.151994
C	3.443318	-2.821816	-1.685673
C	2.418223	-3.049825	-2.572971
C	0.311895	-3.621532	1.929879
C	-0.573213	-4.187221	1.001287
C	1.982783	-1.994930	3.491200
C	2.569913	-2.625437	2.361283
C	1.724469	-3.482094	1.562500
C	2.138768	-3.806015	0.202083
C	3.334342	-3.236080	-0.297222
C	-2.135643	-2.534153	-2.846678
C	-3.331330	-2.487688	-2.091315
C	0.576527	-2.233852	-3.680173
C	-0.308918	-1.175354	-3.930808
C	-1.721060	-1.338093	-3.573148
C	-2.566456	-0.168737	-3.524637
C	-1.978909	1.077353	-3.871348
C	1.974100	-2.021218	-3.476765
C	2.560959	-0.728417	-3.459160
C	1.716614	0.390146	-3.799377
C	0.302784	0.143202	-4.101285
C	-0.581981	1.230544	-4.125102
C	3.330118	1.879888	-2.663419
C	2.131793	1.731690	-3.400103
C	4.110068	0.763670	-2.251255
C	3.760556	-0.551724	-2.634976
C	4.184711	-1.602756	-1.762675
C	-3.763358	-0.129756	-2.680040
C	-4.111187	-1.304084	-1.974212
C	-2.421049	2.301296	-3.257614
C	-3.444689	2.306817	-2.339347
C	-4.186301	1.107824	-2.102451
C	-1.294678	3.163435	-3.050367
C	-1.150548	3.888390	-1.829751
C	0.166852	4.221152	-1.481110
C	1.144561	2.795733	-3.264527
C	-0.172855	2.545124	-3.675919
C	1.287915	3.782510	-2.244135
C	-4.662725	1.176514	-0.753544
C	-4.890514	-0.002053	0.001599
C	-4.663131	-1.248048	-0.635438
C	-4.658162	0.069626	1.407527
C	-4.111593	2.366746	-0.133658
C	-3.762221	2.397428	1.236216
C	-4.183398	1.272276	2.022988
C	-2.412238	1.676112	3.629140
C	-3.437360	0.877611	3.177013
C	-2.136498	3.737141	-0.766877
C	-3.333153	3.059365	-1.100972
C	0.577681	4.308037	-0.095587
C	-0.305283	3.996418	0.948408

C	-1.719044	3.768842	0.632553
C	-2.561735	3.144725	1.622625
C	-1.972057	2.819863	2.873570
C	1.975520	4.025301	-0.016379
C	2.564971	3.363111	1.093154
C	1.722442	3.100396	2.235467
C	0.309161	3.484814	2.174396
C	-0.574097	2.961916	3.130254
C	3.336523	1.370023	2.950365
C	2.139902	2.084208	3.197672
C	4.188491	2.332965	-0.517792
C	3.442393	2.876665	-1.611103
C	2.416731	3.758081	-1.359948
C	4.113375	1.569504	1.774314
C	3.763353	2.560329	0.829511
C	4.663280	-1.326140	-0.441023
C	4.668036	0.291366	1.367370
C	4.890361	0.005079	-0.003328
C	4.665113	1.047900	-0.941544
C	2.425436	-0.698642	3.930870
C	3.449242	-0.038355	3.288920
C	4.190920	-0.717053	2.266674
C	3.766571	-1.998953	1.794950
C	4.114332	-2.320638	0.462287
C	-0.163104	1.915603	4.043336
C	1.154562	1.434107	4.052403
C	1.297831	0.055849	4.396311

2.6. C_{100} (*D_5*-**450**), E = -32.07852 a.u.

C	-3.715010	0.594427	-3.089354
C	-4.325055	-0.499736	-2.419939
C	-5.014746	-0.243132	-1.194146
C	-3.707955	-1.778721	-2.586822
C	-2.489133	0.429284	-3.807762
C	-0.373842	-0.832258	-3.976865
C	-1.810285	-0.811661	-3.868170
C	-2.486835	-1.925888	-3.304070
C	1.720208	-2.013887	-3.493320
C	0.330204	-2.038656	-3.549052
C	-3.716125	-2.750419	-1.511540
C	-4.323823	-2.451160	-0.264320
C	-5.015397	-1.207157	-0.128385
C	-3.708299	-3.005985	0.899925
C	-2.493900	-3.487868	-1.579711
C	-0.377386	-4.040948	-0.432381
C	-1.813941	-3.931513	-0.418239
C	-2.488091	-3.735881	0.816465
C	1.719261	-3.949110	0.839844
C	0.328439	-4.008216	0.846444
C	-0.353060	-3.049114	-2.731015
C	-1.741927	-2.997002	-2.693782
C	2.462765	-2.836178	-2.573625
C	1.790257	-3.621088	-1.599078
C	0.351901	-3.718946	-1.640222
C	2.468219	-3.821495	-0.371904
C	-3.714111	-2.284666	2.156091
C	-4.316621	-1.006001	2.255000
C	-5.011071	-0.493073	1.115819
C	-3.701999	-0.070835	3.143264
C	-2.491666	-2.579609	2.837371
C	-0.373415	-1.662003	3.716186
C	-1.809880	-1.614593	3.621132
C	-2.483529	-0.376929	3.814878
C	1.724208	-0.425265	4.015303
C	0.332998	-0.436056	4.077306

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C	-0.353019	-3.539408	2.059202
C	-1.741794	-3.485349	2.022203
C	2.464645	-3.331797	1.905834
C	1.792976	-2.644812	2.951754
C	0.354509	-2.710793	3.032480
C	2.472200	-1.539380	3.519512
C	-3.711884	1.346652	2.847459
C	-4.321973	1.839306	1.663629
C	-5.010786	0.912905	0.823452
C	-3.704490	2.972938	1.045753
C	-2.486799	1.900505	3.333910
C	-0.370475	3.017042	2.729500
C	-1.806754	2.939436	2.653322
C	-2.481649	3.510399	1.540144
C	1.726960	3.683979	1.646041
C	0.335943	3.741717	1.675791
C	-0.348290	0.863128	4.007113
C	-1.736882	0.846767	3.947650
C	2.468413	0.778830	3.755297
C	1.796087	1.984985	3.425343
C	0.358037	2.043906	3.516329
C	2.475241	2.867032	2.551311
C	-3.710702	3.126646	-0.394769
C	-4.317086	2.150064	-1.226897
C	-5.008056	1.066027	-0.605853
C	-3.703738	1.915646	-2.497056
C	-2.486301	3.760790	-0.773511
C	-0.368958	3.527570	-2.022459
C	-1.805922	3.436048	-1.972577
C	-2.482239	2.553844	-2.858027
C	1.727432	2.701715	-2.991579
C	0.336703	2.748982	-3.036181
C	-0.345654	4.078742	0.419441
C	-1.735022	4.016462	0.417674
C	2.471790	3.809262	0.420959
C	1.799503	3.872107	-0.828667
C	0.361479	3.976786	-0.854490
C	2.478371	3.309605	-1.936974
C	-0.346892	1.660528	-3.746950
C	-1.737300	1.640517	-3.685692
C	2.469682	1.574821	-3.492163
C	1.796092	0.407283	-3.934086
C	0.357538	0.416109	-4.043874
C	2.471338	-0.823827	-3.749445
C	3.697993	1.505384	-2.761925
C	5.002801	0.119544	-1.215138
C	4.311723	0.245939	-2.459269
C	3.698495	-0.913530	-3.014030
C	3.697160	3.096786	0.582503
C	5.004918	1.193979	-0.255533
C	4.316890	2.419491	-0.520587
C	3.707806	2.587276	-1.795764
C	3.693523	0.404706	3.130100
C	5.004809	0.614651	1.065739
C	4.313425	1.245156	2.145427
C	3.704391	2.509791	1.909916
C	3.690044	-2.851810	1.357099
C	4.998317	-0.821353	0.917871
C	4.307803	-1.654661	1.850695
C	3.701612	-1.039704	2.982238
C	3.687633	-2.167546	-2.286071
C	4.998701	-1.127625	-0.489908
C	4.306305	-2.270926	-0.996511
C	3.697675	-3.156746	-0.061783

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