

Supplementary Information

Size evolution and ligand effects on the structures and stability of (AuL)_n (L = Cl, SH, SCH₃, PH₂, P(CH₃)₂, *n* = 1-13) clusters

By

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The atomic coordinates (in Å) of the global minimum and low-energy structures of $(\text{AuL})_n$ ($\text{L} = \text{Cl}, \text{SH}, \text{SCH}_3, \text{PH}_2, \text{P}(\text{CH}_3)_2, n = 1-13$) clusters.

$\text{L} = \text{SCH}_3$

1a	Au	0.000000	0.606865	0.000000
	S	-0.609423	-1.566008	0.000000
	c	0.985147	-2.472147	0.000000
	H	0.703387	-3.528343	0.000000
	H	1.568245	-2.262508	0.895249
	H	1.568245	-2.262508	-0.895249
2a	Au	2.219348	-0.501378	-0.055714
	Au	-1.329267	0.239353	0.000797
	S	0.721186	1.058654	0.720355
	S	-3.379651	-0.467591	-0.696411
	c	-4.103867	-1.301369	0.775592
	c	1.054855	2.511528	-0.367295
	H	0.346545	3.28049	-0.057912
	H	0.899147	2.263262	-1.413589
	H	2.074049	2.851732	-0.193415
	H	-5.085584	-1.668428	0.472133
	H	-4.228499	-0.600739	1.601318
	H	-3.492555	-2.144275	1.097033
2b	Au	1.358877	-0.141243	0.000000
	Au	-1.358918	-0.141258	0.000000
	S	0.000065	-0.211844	2.107994
	S	0.000065	-0.211844	-2.107994
	c	0.000065	1.506870	2.766559
	c	0.000065	1.506870	-2.766559
	H	-0.890127	1.632206	3.383223
	H	0.000026	2.242628	1.965384
	H	0.890300	1.632233	3.383157
	H	-0.890127	1.632206	-3.383223
	H	0.890300	1.632233	-3.383157
	H	0.000026	2.242628	-1.965384
3a	Au	-1.671286	0.432303	-0.143690
	Au	1.210071	1.231277	-0.143351
	Au	0.461267	-1.663598	-0.143044
	S	-0.725502	2.616530	-0.202159
	S	-1.903293	-1.936543	-0.202626
	S	2.628781	-0.679927	-0.203040

4a	c	-0.908538	3.274347	1.511949
	c	-2.382988	-2.423328	1.511236
	c	3.291139	-0.850971	1.510568
	H	-2.179496	-3.487824	1.623076
	H	-3.451378	-2.240232	1.621245
	H	-1.828621	-1.856980	2.255437
	H	-0.214648	4.106879	1.623665
	H	-0.697649	2.510115	2.255846
	H	-1.931781	3.631863	1.622533
	H	3.665538	-1.868120	1.621514
	H	2.524283	-0.652103	2.255075
	H	4.112270	-0.143418	1.620968
	Au	1.714467	1.568127	-0.000017
	Au	1.568175	-1.714367	0.000134
	Au	-1.568159	1.714345	0.000170
	Au	-1.714464	-1.568126	-0.000298
	S	0.142497	3.197569	0.591416
	S	3.197806	-0.142507	-0.591088
	S	-0.142547	-3.197649	0.591064
	S	-3.197729	0.142544	-0.591369
	c	0.197706	4.443741	-0.770778
	c	-0.197793	-4.443542	-0.771396
	c	-4.443827	0.197941	0.770884
	c	4.443706	-0.197901	0.771351
	H	-0.665138	5.098877	-0.655593
	H	0.176151	3.963295	-1.745536
	H	1.115377	5.019639	-0.655919
	H	-1.115521	-5.019381	-0.656699
	H	0.664988	-5.098780	-0.656318
	H	-0.176154	-3.962885	-1.746048
	H	-5.09913	-0.664782	0.655732
	H	-5.019558	1.115719	0.656050
	H	-3.963339	0.176294	1.745620
	H	5.019523	-1.115630	0.656556
	H	3.963068	-0.176343	1.746014
	H	5.098962	0.664877	0.656345
5a	Au	-1.151064	-2.545755	0.286347
	Au	1.96419	-1.898195	0.163443
	Au	-2.870737	0.204990	-0.528071
	Au	2.471346	1.236847	-0.377816

	Au	-0.582794	2.768792	0.388606
	S	0.637877	-3.040145	1.719508
	S	-2.917106	-2.047758	-1.162203
	S	3.206506	-0.719973	-1.432279
	S	1.698695	3.145346	0.718587
	S	-2.872973	2.464906	0.065517
	c	-2.130219	-2.046985	-2.835131
	c	0.454227	-1.82959	3.104982
	c	-3.591361	2.491873	1.766583
	c	4.968980	-0.91502	-0.913635
	c	2.094724	4.546197	-0.418593
	H	-2.837848	-1.603029	-3.534316
	H	-1.941501	-3.083996	-3.109969
	H	-1.199594	-1.485078	-2.832200
	H	1.384468	-1.830833	3.671895
	H	-0.363148	-2.172618	3.738338
	H	0.246136	-0.831135	2.728396
	H	-3.494748	3.506443	2.151362
	H	-3.080236	1.791510	2.422423
	H	-4.645133	2.228203	1.683920
	H	5.562711	-0.19549	-1.476490
	H	5.278770	-1.927797	-1.169013
	H	5.086459	-0.745294	0.153582
	H	1.616048	5.440842	-0.021901
	H	1.740927	4.346905	-1.426984
	H	3.176317	4.676803	-0.418525
6a	Au	-2.855503	-1.446785	-1.047653
	Au	-2.963612	1.193709	1.061381
	Au	2.807824	1.498003	-0.889401
	Au	-0.104074	2.752786	0.164752
	Au	2.818915	-1.305996	0.982622
	Au	0.015889	-2.714139	-0.061356
	S	-4.520243	-0.232551	0.053935
	S	-1.414880	2.613927	2.089899
	S	1.160042	2.882257	-1.797907
	S	4.433241	0.095069	0.033664
	S	-1.184001	-2.729027	-2.067500
	S	1.165881	-2.631701	1.972029
	c	-0.272023	-1.532675	-3.141826
	c	1.902100	4.573928	-1.781730

	c	-0.458557	1.508677	3.221408
	c	1.947832	-4.292267	2.174862
	c	5.085470	-0.864433	-1.404294
	c	-5.304260	0.795070	-1.265572
	H	0.640908	-2.022039	-3.479587
	H	-0.031162	-0.619754	-2.603020
	H	-0.906206	-1.308206	-3.998708
	H	1.107036	5.284822	-2.003941
	H	2.660290	4.612985	-2.563092
	H	2.346018	4.798713	-0.815273
	H	0.401101	2.071834	3.582494
	H	-0.128941	0.606966	2.711734
	H	-1.108885	1.252333	4.056903
	H	1.160395	-4.995514	2.443503
	H	2.672458	-4.222834	2.985378
	H	2.437394	-4.611549	1.258291
	H	5.711591	-1.664993	-1.011765
	H	5.689786	-0.188302	-2.008006
	H	4.276692	-1.279048	-2.000798
	H	-5.960276	1.514970	-0.777451
	H	-5.892217	0.130246	-1.897398
	H	-4.555623	1.313318	-1.859533
6b	Au	1.654600	2.860532	-0.000658
	Au	3.309880	-0.001315	-0.000189
	Au	-1.654600	-2.860532	0.000658
	Au	1.653885	-2.861986	0.000375
	Au	-3.309880	0.001315	0.000189
	Au	-1.653885	2.861986	-0.000375
	S	3.332489	1.921618	1.332572
	S	3.332211	-1.924176	-1.333142
	S	-0.000675	-3.840887	1.333911
	S	-3.332489	-1.921618	-1.332572
	S	0.000675	3.840887	-1.333911
	S	-3.332211	1.924176	1.333142
	c	-0.000026	-2.824300	2.876466
	c	-2.453891	1.415998	2.876852
	c	2.454099	1.413881	2.876375
	c	2.453891	-1.415998	-2.876852
	c	-2.454099	-1.413881	-2.876375
	c	0.000026	2.824300	-2.876466

	H	0.890743	-3.086410	3.446204
	H	-0.890907	-3.085601	3.4464
	H	0.000430	-1.761572	2.646248
	H	-2.232083	2.318660	3.444989
	H	-1.535351	0.880962	2.64791
	H	-3.128278	0.778789	3.447772
	H	3.128216	0.776327	3.447227
	H	1.535239	0.879336	2.647568
	H	2.232842	2.316667	3.444529
	H	2.232083	-2.318660	-3.444989
	H	3.128278	-0.778789	-3.447772
	H	1.535351	-0.880962	-2.64791
	H	-3.128216	-0.776327	-3.447227
	H	-2.232842	-2.316667	-3.444529
	H	-1.535239	-0.879336	-2.647568
	H	-0.890743	3.086410	-3.446204
	H	-0.000430	1.761572	-2.646248
	H	0.890907	3.085601	-3.446400
7a	Au	2.484545	1.158256	-1.822689
	Au	-0.327147	-0.543883	-0.295622
	Au	4.220801	-0.781844	-0.317488
	Au	1.872067	-0.644394	1.799693
	Au	-2.970466	-1.995594	-0.519412
	Au	-1.184442	1.722586	1.681487
	Au	-3.980346	0.814605	-0.492871
	S	0.167013	1.315948	-1.673988
	S	4.827417	0.880520	-1.874430
	S	-1.070132	-2.570626	0.729015
	S	3.336025	-2.379723	1.150495
	S	0.772529	1.152652	2.844194
	S	-4.724330	-1.038495	-1.759298
	S	-3.194265	2.574513	0.814807
	c	-1.539835	-2.093454	2.449183
	c	-2.627720	3.842463	-0.400592
	c	1.876866	2.578565	2.449391
	c	-0.458003	0.810604	-3.335781
	c	5.499448	2.272202	-0.863262
	c	2.410439	-3.494521	0.006797
	c	-6.295746	-1.580613	-0.955583
	H	-2.176192	-2.880983	2.851997

	H	-2.064916	-1.140334	2.458086
	H	-0.621562	-2.020677	3.032582
	H	-3.499149	4.180517	-0.960221
	H	-1.877970	3.427860	-1.070324
	H	-2.208021	4.674327	0.164563
	H	1.420703	3.479125	2.859652
	H	2.012862	2.680243	1.374760
	H	2.835180	2.396630	2.935051
	H	-1.541587	0.718241	-3.263562
	H	-0.022351	-0.136003	-3.645677
	H	-0.196699	1.595801	-4.045012
	H	6.529126	2.026729	-0.60558
	H	4.914784	2.421822	0.040996
	H	5.477863	3.171684	-1.477574
	H	1.749948	-4.115274	0.609644
	H	3.142467	-4.116522	-0.507482
	H	1.826557	-2.920597	-0.708855
	H	-7.087632	-0.91083	-1.289315
	H	-6.214105	-1.552645	0.127885
	H	-6.505952	-2.596001	-1.289887
7b	Au	-3.264055	1.462964	-0.278428
	Au	-0.544409	0.000732	-0.629940
	Au	-3.262588	-1.464441	-0.280612
	Au	1.252343	-1.593855	1.954883
	Au	1.250084	1.591124	1.957019
	Au	2.297123	-1.574646	-1.272938
	Au	2.294730	1.578078	-1.270665
	S	-5.123556	-0.001843	-0.046796
	S	0.435295	-0.002966	3.470747
	S	-1.107443	2.357578	-0.600156
	S	-1.105056	-2.356589	-0.603453
	S	2.151707	-3.158149	0.456096
	S	2.147680	3.158874	0.460733
	S	2.627543	0.003184	-2.984295
	c	-1.397049	-0.004105	3.245824
	c	1.086097	0.002658	-3.996481
	c	3.897485	3.383835	1.004419
	c	3.901786	-3.382155	0.999293
	c	-1.084266	-2.894162	-2.367773
	c	-1.087296	2.897594	-2.363735

	c	-5.552648	-0.003456	1.747713
	H	-1.789516	0.887656	3.734003
	H	-1.788255	-0.897217	3.732541
	H	-1.664614	-0.003425	2.190299
	H	1.098113	0.893447	-4.6242
	H	0.203028	0.002031	-3.358611
	H	1.099015	-0.88774	-4.624732
	H	4.419682	3.942427	0.227972
	H	4.386365	2.426976	1.170373
	H	3.884170	3.962448	1.927875
	H	4.424517	-3.938894	0.221876
	H	3.889158	-3.962319	1.921785
	H	4.389650	-2.425050	1.166804
	H	-1.571883	-3.86725	-2.420427
	H	-0.039621	-2.987709	-2.666919
	H	-1.601556	-2.182663	-3.007357
	H	-0.042765	2.992716	-2.66278
	H	-1.575998	3.870209	-2.415044
	H	-1.603807	2.18640	-3.004288
	H	-6.146513	-0.895068	1.946349
	H	-6.147137	0.887412	1.947814
	H	-4.660445	-0.003660	2.368817
8a	Au	4.217815	1.533797	0.184923
	Au	1.214467	-1.498356	0.902021
	Au	-1.082141	1.372579	1.082341
	Au	4.280419	-1.611056	0.051173
	Au	1.082638	1.373766	-1.080481
	Au	-1.214345	-1.496964	-0.900277
	Au	-4.217614	1.533508	-0.186278
	Au	-4.280828	-1.610505	-0.053301
	S	2.379370	2.971697	0.065046
	S	2.507436	-3.112917	-0.225090
	S	5.967742	-0.016053	0.410978
	S	0.091022	-0.128444	2.448096
	S	-2.378966	2.970767	-0.062731
	S	-0.09006	-0.127574	-2.446230
	S	-2.507719	-3.111581	0.226424
	S	-5.967694	-0.015690	-0.416199
	c	-2.826828	4.199994	1.239898
	c	-2.106287	-3.020699	2.023786

	c	2.825913	4.202155	-1.236875
	c	1.418953	0.884768	3.226561
	c	2.103574	-3.023826	-2.021999
	c	-1.417439	0.885499	-3.225817
	c	6.882774	0.06277	-1.19184
	c	-6.885895	0.062925	1.184814
	H	-3.576587	4.870727	0.821139
	H	-3.215338	3.707772	2.127989
	H	-1.926150	4.761186	1.486849
	H	-2.820780	-3.655675	2.547502
	H	-2.165100	-2.000888	2.393112
	H	-1.096222	-3.406587	2.157012
	H	1.924942	4.763442	-1.482534
	H	3.575946	4.872614	-0.818169
	H	3.213717	3.710787	-2.125746
	H	0.941147	1.617453	3.876605
	H	2.023879	1.387192	2.476059
	H	2.039287	0.212555	3.81877
	H	2.817656	-3.658966	-2.546079
	H	2.161414	-2.004336	-2.392351
	H	1.093509	-3.410300	-2.153519
	H	-2.037723	0.213098	-3.817864
	H	-2.022519	1.388540	-2.47585
	H	-0.939182	1.617665	-3.876117
	H	7.521879	-0.817470	-1.251643
	H	7.496687	0.962778	-1.179954
	H	6.198954	0.086607	-2.03664
	H	-7.525215	-0.817256	1.243182
	H	-7.499682	0.963006	1.171888
	H	-6.203751	0.086521	2.030974
8b	Au	-3.774766	-1.701869	-0.332983
	Au	-1.071025	-1.702775	1.397387
	Au	-1.071011	1.703012	1.397075
	Au	-3.774771	1.701815	-0.333280
	Au	4.038099	1.662007	0.011483
	Au	0.804984	1.654649	-1.081860
	Au	4.038152	-1.661951	0.011813
	Au	0.805059	-1.654892	-1.081559
	S	-2.197121	-3.364727	0.163412
	S	-0.191846	0.000245	2.738076

	S	-5.314783	-0.000068	-0.777713
	S	-2.197119	3.364753	0.162830
	S	2.443300	3.256723	-0.593846
	S	5.578120	0.000117	0.605969
	S	-0.698534	-0.000213	-1.814032
	S	2.443402	-3.256824	-0.593208
	c	1.922077	4.066966	0.978296
	c	1.922165	-4.066752	0.979090
	c	-0.491681	-0.000401	-3.650722
	c	6.833239	-0.000013	-0.748969
	c	1.629020	0.000207	2.473108
	c	-5.499168	-0.000219	-2.614723
	c	-3.025979	4.425432	1.429198
	c	-3.025982	-4.425198	1.42995
	H	1.059098	4.691346	0.749787
	H	2.749267	4.685348	1.325959
	H	1.653718	3.329738	1.731246
	H	1.059196	-4.691189	0.750693
	H	1.653784	-3.329374	1.731886
	H	2.749354	-4.685055	1.326894
	H	-0.981754	-0.892738	-4.040111
	H	0.559788	-0.000388	-3.92759
	H	-0.981824	0.891814	-4.040303
	H	7.448303	-0.891365	-0.630266
	H	7.448287	0.891377	-0.630456
	H	6.357417	-0.000121	-1.726269
	H	2.038192	0.889816	2.951952
	H	1.867417	0.000119	1.411066
	H	2.038172	-0.889336	2.952093
	H	-6.061035	0.891004	-2.89265
	H	-6.061040	-0.891484	-2.892506
	H	-4.529309	-0.000262	-3.10609
	H	-3.761479	5.043528	0.91481
	H	-2.265895	5.060434	1.883909
	H	-3.512076	3.821082	2.190851
	H	-2.265900	-5.060129	1.884763
	H	-3.761484	-5.043376	0.915662
	H	-3.512078	-3.820725	2.191507
8c	Au	-3.193006	-2.838152	-0.280508
	Au	3.193016	2.837884	-0.281767

Au	4.824935	-0.000077	-0.000733
Au	0.000086	-3.650459	0.000331
Au	3.193123	-2.837798	0.280929
Au	-4.824932	-0.000205	0.000686
Au	-0.000077	3.650779	-0.000293
Au	-3.193133	2.838024	0.281353
S	-1.573423	-3.702212	-1.726584
S	4.856097	2.035740	1.151351
S	1.573114	3.701889	-1.727498
S	-4.855760	-2.035920	1.152938
S	1.573599	-3.701509	1.727254
S	4.855846	-2.035918	-1.152759
S	-4.856168	2.035488	-1.151588
S	-1.57328	3.702417	1.726898
c	3.971225	-1.686406	-2.736483
c	-3.971934	1.685669	-2.73547
c	-1.111916	2.288830	2.822506
c	1.112593	-2.287493	2.822445
c	3.971861	1.686037	2.735259
c	-3.971167	-1.686124	2.736621
c	1.111742	2.288011	-2.822728
c	-1.112535	-2.288452	-2.822169
H	3.753022	-2.642103	-3.211769
H	4.641605	-1.105704	-3.369096
H	3.050779	-1.135329	-2.559267
H	-3.753951	2.641268	-3.211054
H	-4.642428	1.104744	-3.367756
H	-3.051388	1.134725	-2.558356
H	-1.927864	2.137214	3.528450
H	-0.207666	2.568231	3.362329
H	-0.941268	1.382881	2.245631
H	1.928716	-2.135689	3.528147
H	0.208446	-2.566625	3.362580
H	0.941883	-1.381733	2.245290
H	4.642379	1.105214	3.367613
H	3.051347	1.135025	2.558191
H	3.753819	2.641672	3.210742
H	-4.641554	-1.105300	3.369115
H	-3.050713	-1.135088	2.559320
H	-3.752982	-2.641734	3.212089

9a	H	0.207491	2.567269	-3.362623
	H	0.941094	1.382216	-2.245613
	H	1.927690	2.136211	-3.528632
	H	-0.208375	-2.567663	-3.362242
	H	-0.941882	-1.382531	-2.245253
	Au	-3.513724	-1.812111	-0.068707
	Au	-0.175733	-3.104413	-0.684636
	Au	-3.488703	1.850301	-0.119457
	Au	1.347312	0.550402	-2.444663
	Au	-1.049172	0.019749	-0.022588
	Au	-0.122855	3.103780	0.698224
	Au	2.852025	-1.732947	0.280715
	Au	1.256186	-0.566952	2.467694
	Au	2.918657	1.678376	-0.225684
	S	-4.948087	0.028160	-0.302066
	S	-2.280389	-3.801341	0.061863
	S	-0.971763	0.536566	-2.344395
	S	-2.221636	3.821908	-0.046809
	S	-1.058268	-0.478961	2.304880
	S	1.917254	-2.659322	-1.651840
	S	3.696858	0.759076	-2.265389
	S	3.601031	-0.842765	2.344274
	S	1.958658	2.634065	1.679126
	c	-1.586807	-0.923162	-3.278425
	c	-1.649448	1.010253	3.206476
	c	-1.983980	4.224067	-1.832377
	c	-2.083905	-4.093829	1.872573
	c	2.698354	-4.326345	-1.813399
	c	2.760324	4.291007	1.841401
	c	4.118365	2.241173	-3.286327
	c	3.954645	-2.339867	3.369038
	c	-5.926157	0.034859	1.261828
	H	-2.641297	-1.054425	-3.034193
	H	-1.028156	-1.819018	-3.013733
	H	-1.473887	-0.704794	-4.340482
	H	-1.647268	0.773257	4.270723
	H	-2.664971	1.222766	2.870179
	H	-1.008630	1.867297	3.007933
	H	-1.279139	5.052633	-1.894729
	H	-2.950493	4.531069	-2.2314

	H	-1.608139	3.360843	-2.376141
	H	-1.377932	-4.913786	2.000593
	H	-3.058471	-4.383493	2.265281
	H	-1.725120	-3.198558	2.373824
	H	3.733698	-4.175944	-2.118496
	H	2.160259	-4.871325	-2.588649
	H	2.658959	-4.873697	-0.874599
	H	3.788951	4.128500	2.162595
	H	2.218717	4.848757	2.605049
	H	2.742349	4.832482	0.898542
	H	5.100327	2.596385	-2.974307
	H	3.378505	3.028180	-3.161465
	H	4.156268	1.926789	-4.329183
	H	3.973828	-2.030941	4.414036
	H	4.934400	-2.720481	3.08095
	H	3.197273	-3.105907	3.220905
	H	-6.527485	0.943333	1.273539
	H	-5.277843	0.003416	2.134373
	H	-6.576984	-0.839016	1.24891
9b	Au	4.605380	1.585379	-0.013953
	Au	1.418921	3.194050	-0.48577
	Au	4.137464	-1.962452	0.558951
	Au	-1.207986	-2.130265	0.843564
	Au	-2.112322	0.292501	2.636424
	Au	1.160832	-2.297785	-0.988508
	Au	-0.603601	0.878285	-1.163967
	Au	-4.189132	1.300135	0.255215
	Au	-3.450633	-1.204914	-1.404306
	S	3.669640	3.461796	-1.040635
	S	5.631795	-0.231302	1.030842
	S	-0.194991	-1.057918	2.689142
	S	-0.857102	2.904012	0.008594
	S	-4.100495	1.532300	2.580183
	S	2.662008	-3.717625	0.117728
	S	-0.093256	-0.980506	-2.482742
	S	-2.751285	-3.256594	-0.533702
	S	-4.239907	0.912328	-2.065538
	c	1.195246	-0.332379	-3.638064
	c	-1.724952	4.015681	-1.186175
	c	-3.574289	3.272136	2.897457

	c	-1.885050	-4.180909	-1.870517
	c	-6.026005	0.665098	-2.468826
	c	4.242912	4.872950	0.004583
	c	1.933104	-4.17438	1.749543
	c	7.103213	-0.60100	-0.022374
	c	1.169543	0.017581	2.081045
	H	1.408274	0.731061	2.869301
	H	0.885796	0.538583	1.169250
	H	2.033468	-0.618104	1.881085
	H	0.710878	0.374302	-4.311676
	H	1.585627	-1.175952	-4.207084
	H	1.997981	0.158449	-3.092563
	H	-2.774329	3.723376	-1.201542
	H	-1.297196	3.928168	-2.181613
	H	-1.624311	5.037315	-0.820555
	H	-4.408859	3.925070	2.643072
	H	-2.697847	3.525453	2.306075
	H	-3.349891	3.359580	3.960326
	H	-2.653998	-4.639887	-2.492302
	H	-1.278071	-4.954933	-1.401934
	H	-1.260998	-3.521820	-2.467105
	H	-6.082937	0.203558	-3.454358
	H	-6.503172	1.644563	-2.492562
	H	-6.509251	0.03063	-1.730208
	H	3.745854	5.773587	-0.354108
	H	5.319816	4.969435	-0.12938
	H	4.008257	4.706949	1.053038
	H	1.092559	-4.840153	1.55703
	H	1.589177	-3.299227	2.293435
	H	2.702082	-4.699579	2.315361
	H	7.562384	-1.511931	0.359977
	H	7.799218	0.231270	0.076372
	H	6.819762	-0.732101	-1.063673
10a	Au	3.999207	-1.524028	0.892223
	Au	0.665337	-2.29289	1.622068
	Au	-0.665337	-2.292892	-1.622067
	Au	4.037218	1.585784	-0.912371
	Au	-1.550306	0.04069	0.058549
	Au	-3.999206	-1.524029	-0.892224
	Au	1.550306	0.040690	-0.058548

Au	0.596116	2.286514	-1.88644
Au	-4.037219	1.585784	0.912368
Au	-0.596116	2.286513	1.886441
S	2.704647	-3.425035	1.367838
S	5.429011	0.275019	0.443896
S	-1.331257	-1.175461	2.112254
S	1.331258	-1.175462	-2.112253
S	-2.704646	-3.425036	-1.367836
S	-1.648904	1.647116	-1.712219
S	-5.429011	0.275018	-0.443898
S	2.784134	3.058733	-2.237227
S	1.648903	1.647117	1.71222
S	-2.784136	3.058730	2.237229
c	-1.994062	0.756553	-3.28582
c	2.856856	4.634665	-1.278011
c	6.713607	-0.41804	-0.684292
c	2.622309	-2.478517	-2.23321
c	3.179127	-3.904565	3.085371
c	-2.622309	-2.478515	2.233213
c	1.994061	0.756552	3.28582
c	-3.179126	-3.904569	-3.085369
c	-2.856858	4.634663	1.278014
c	-6.713608	-0.418042	0.684288
H	-2.003307	1.494418	-4.088357
H	-2.977796	0.294997	-3.191123
H	-1.240299	-0.003839	-3.478349
H	2.184994	5.346222	-1.757385
H	3.88087	5.004660	-1.322876
H	2.560558	4.474132	-0.244151
H	7.340323	0.409493	-1.015637
H	6.263708	-0.910042	-1.543222
H	7.311241	-1.129400	-0.114880
H	3.593276	-1.982769	-2.221307
H	2.479637	-2.991205	-3.185057
H	2.554312	-3.188251	-1.412665
H	2.501305	-4.694791	3.406974
H	3.111891	-3.056650	3.762481
H	4.200679	-4.282850	3.055716
H	-3.593276	-1.982766	2.221308
H	-2.479639	-2.991201	3.185061

	H	-2.554312	-3.18825	1.412669
	H	2.003308	1.494418	4.088357
	H	2.977794	0.294996	3.191123
	H	1.240297	-0.003839	3.478350
	H	-4.200678	-4.282854	-3.055713
	H	-2.501304	-4.694796	-3.406970
	H	-3.11189	-3.056656	-3.762480
	H	-2.184996	5.34622	1.757389
	H	-3.880872	5.004658	1.322879
	H	-2.560560	4.474131	0.244154
	H	-7.340324	0.409490	1.015633
	H	-6.263709	-0.910045	1.543219
	H	-7.311241	-1.129402	0.114876
10b	Au	-1.884377	0.986313	2.76464
	Au	-3.777776	-1.638440	1.067648
	Au	1.884302	0.986328	2.764661
	Au	-1.874954	-2.343974	-2.017683
	Au	-1.55026	3.037223	-1.882640
	Au	1.875005	-2.343980	-2.017644
	Au	1.530809	-0.081030	-0.011424
	Au	-1.530795	-0.081035	-0.011453
	Au	1.550293	3.037228	-1.882621
	Au	3.777764	-1.63843	1.067704
	S	-3.827291	-0.320337	3.017474
	S	-0.000043	2.388764	2.668316
	S	-3.842921	-2.976809	-0.866298
	S	0.000006	-1.790479	0.651610
	S	0.000040	-1.970353	-3.383167
	S	-3.008103	1.617706	-0.761734
	S	3.008120	1.617708	-0.761706
	S	3.842946	-2.976828	-0.866222
	S	0.00002	4.417434	-2.978349
	S	3.827226	-0.320301	3.017512
	c	3.422885	-4.662368	-0.245030
	c	5.179488	0.883358	2.655391
	c	-0.000060	3.206249	4.324969
	c	-5.179567	0.883307	2.655355
	c	-3.422895	-4.662363	-0.245123
	c	0.000041	-0.157557	-3.711943
	c	-4.026030	0.827797	-2.080128

	c	4.026058	0.827804	-2.080091
	c	-0.000012	-1.973998	2.481316
	c	0.000004	5.996007	-2.018260
	H	4.228512	-4.987595	0.412562
	H	3.358159	-5.32588	-1.106972
	H	2.476931	-4.655652	0.292108
	H	6.115956	0.328458	2.607365
	H	5.215597	1.598203	3.477066
	H	4.993943	1.399698	1.715970
	H	0.890836	3.830997	4.387466
	H	-0.000060	2.471786	5.126795
	H	-0.890965	3.830984	4.387453
	H	-6.116024	0.328390	2.607301
	H	-4.994017	1.399669	1.715947
	H	-5.215703	1.598134	3.477042
	H	-3.358161	-5.325863	-1.107075
	H	-4.228540	-4.987589	0.412448
	H	-2.476952	-4.655668	0.292034
	H	0.889604	0.074326	-4.297323
	H	0.000039	0.408561	-2.781975
	H	-0.889520	0.074324	-4.297327
	H	-4.648552	0.068951	-1.605644
	H	-3.397773	0.367659	-2.839396
	H	-4.654766	1.599217	-2.524504
	H	4.654799	1.599224	-2.524458
	H	3.397809	0.367669	-2.839369
	H	4.648575	0.068953	-1.605607
	H	-0.894498	-2.536518	2.753901
	H	-0.00003	-1.009139	2.986518
	H	0.894484	-2.536494	2.753921
	H	0.891416	6.555669	-2.299748
	H	0.000016	5.804317	-0.94834
	H	-0.891427	6.555644	-2.299733
10c	Au	1.666966	5.130394	0.000000
	Au	-1.666966	5.130394	0.000000
	Au	-4.364174	3.170758	0.000000
	Au	-5.394416	0.000000	0.000000
	Au	-4.364174	-3.170758	0.000000
	Au	-1.666966	-5.130394	0.000000
	Au	1.666966	-5.130394	0.000000

Au	4.364174	-3.170758	0.000000
Au	5.394416	0.000000	0.000000
Au	4.364174	3.170758	0.000000
S	0.000000	5.729038	1.521954
S	-5.448639	1.770370	1.521954
S	-3.367444	-4.634889	1.521954
S	3.367444	-4.634889	1.521954
S	5.448639	1.770370	1.521954
S	-3.367444	4.634889	-1.521954
S	-5.448639	-1.770370	-1.521954
S	0.000000	-5.729038	-1.521954
S	5.448639	-1.770370	-1.521954
S	3.367444	4.634889	-1.521954
c	-2.574019	-3.542833	2.78201
c	-4.164850	1.353242	2.78201
c	0.000000	4.379182	2.78201
c	4.164850	1.353242	2.78201
c	2.574019	-3.542833	2.78201
c	0.000000	-4.379182	-2.78201
c	4.164850	-1.353242	-2.78201
c	2.574019	3.542833	-2.78201
c	-2.574019	3.542833	-2.78201
c	-4.164850	-1.353242	-2.78201
H	4.554860	-0.54318	-3.397229
H	3.232948	-1.050448	-2.309419
H	4.004233	-2.237838	-3.397229
H	0.890934	-4.499781	-3.397229
H	0.000000	-3.399322	-2.309419
H	-0.890934	-4.499781	-3.397229
H	3.365686	3.116722	-3.397229
H	1.924124	4.164077	-3.397229
H	1.998072	2.75011	-2.309419
H	-1.924124	-4.164077	3.397229
H	-3.365686	-3.116722	3.397229
H	-1.998072	-2.75011	2.309419
H	-4.554860	0.54318	3.397229
H	-4.004233	2.237838	3.397229
H	-3.232948	1.050448	2.309419
H	-0.890934	4.499781	3.397229
H	0.890934	4.499781	3.397229

	H	0.000000	3.399322	2.309419
	H	4.004233	2.237838	3.397229
	H	4.554860	0.543180	3.397229
	H	3.232948	1.050448	2.309419
	H	3.365686	-3.116722	3.397229
	H	1.924124	-4.164077	3.397229
	H	1.998072	-2.750110	2.309419
	H	-3.365686	3.116722	-3.397229
	H	-1.998072	2.750110	-2.309419
	H	-1.924124	4.164077	-3.397229
	H	-4.004233	-2.237838	-3.397229
	H	-3.232948	-1.050448	-2.309419
	H	-4.554860	-0.543180	-3.397229
11a	Au	0.019591	2.753481	1.124170
	Au	-3.670400	2.223437	1.663659
	Au	2.143818	-0.039601	-0.020232
	Au	4.666175	-1.337831	1.173397
	Au	-0.949748	-0.012280	0.046864
	Au	-5.514515	0.042141	0.012698
	Au	4.606649	1.223009	-1.405725
	Au	1.151108	1.878239	-2.207643
	Au	1.243906	-1.846959	2.280224
	Au	-3.804530	-2.188517	-1.641794
	Au	-0.114469	-2.775061	-1.124845
	S	-2.054395	3.845291	1.197055
	S	6.091454	-0.225814	-0.313455
	S	2.240376	2.007909	1.19408
	S	-5.470974	0.824724	2.212252
	S	3.416860	-2.625284	2.685121
	S	-0.983451	-1.133635	2.12797
	S	-1.061633	1.123526	-2.024068
	S	3.294760	2.709992	-2.65998
	S	-2.210787	-3.826460	-1.15773
	S	2.126420	-2.096026	-1.219385
	S	-5.576629	-0.749881	-2.184657
	c	-4.864750	0.636955	-3.174026
	c	-4.782878	-0.596824	3.168204
	c	-2.398908	4.347022	-0.544499
	c	2.601603	1.565497	2.942069
	c	2.482797	-1.672230	-2.974378

	c	-2.542378	-4.276101	0.60044
	c	-1.189316	-0.145846	-3.35055
	c	-1.103968	0.158654	3.433704
	c	3.442215	-4.301664	1.910979
	c	7.108118	0.895351	0.741486
	c	3.386243	4.285558	-1.702734
	H	-5.638165	1.398871	-3.265876
	H	-3.984560	1.056861	-2.693249
	H	-4.614991	0.251600	-4.162226
	H	-5.571622	-1.343878	3.251048
	H	-4.518603	-0.236555	4.162155
	H	-3.914545	-1.025366	2.673500
	H	-3.373218	4.834724	-0.556481
	H	-2.393786	3.487566	-1.209699
	H	-1.628254	5.057690	-0.841424
	H	-1.788927	-5.003009	0.902209
	H	-3.530765	-4.732922	0.640448
	H	-2.498941	-3.401985	1.244843
	H	-0.963385	-0.325188	4.400523
	H	-2.097644	0.604139	3.373912
	H	2.764087	-4.939695	2.476932
	H	4.459767	-4.683849	1.986876
	H	3.135284	-4.250349	0.869089
	H	7.733924	1.494674	0.080770
	H	7.734796	0.272596	1.379076
	H	6.480766	1.542506	1.349836
	H	2.675939	4.983671	-2.144588
	H	4.398769	4.674650	-1.807319
	H	3.151406	4.115890	-0.654825
	H	3.632438	1.211103	2.978621
	H	1.938556	0.776040	3.293367
	H	2.491654	2.461222	3.553506
	H	2.291367	-2.553518	-3.586491
	H	3.537264	-1.400647	-3.031509
	H	1.874547	-0.832379	-3.306986
	H	-1.086162	0.360301	-4.310709
	H	-2.171400	-0.614285	-3.272407
	H	-0.421889	-0.908873	-3.234003
	H	-0.357492	0.936161	3.280488
11b	Au	-4.670645	2.667903	-0.403088

Au	-6.059176	-0.156285	0.54041
Au	-2.447763	0.922612	-1.636334
Au	-3.122159	-1.211578	1.319907
Au	-1.381733	-2.490877	-1.106179
Au	-0.007806	0.002212	0.023309
Au	1.407538	-2.446611	1.204679
Au	3.124664	-1.241862	-1.212354
Au	2.426369	0.99443	1.667161
Au	6.034045	-0.108742	-0.568766
Au	4.608971	2.726021	0.294766
S	-6.861869	1.996318	0.059349
S	-2.770639	-1.226304	-2.521779
S	-0.000701	-3.955855	0.096494
S	-2.434798	3.181285	-0.921209
S	-5.195259	-2.275644	1.037515
S	-1.216483	-0.062144	2.053858
S	1.210191	-0.141885	-2.00099
S	5.209641	-2.278816	-0.897073
S	2.760458	-1.12855	2.606967
S	2.385923	3.223895	0.872714
S	6.795481	2.084321	-0.231606
c	-1.845493	-1.213024	-4.116239
c	1.8244000	-1.098182	4.194737
c	5.277847	-3.077607	0.763698
c	7.114086	2.739107	-1.928296
c	2.526105	4.253886	2.399726
c	-5.211343	-3.207080	-0.553788
c	-7.273483	2.721898	1.706543
c	1.786052	1.554733	-2.422065
c	-1.806175	1.648274	2.39298
c	-2.536256	4.153901	-2.488253
c	1.059569	-4.699139	-1.219558
H	-1.884778	-2.220057	-4.531476
H	-0.813217	-0.909638	-3.956155
H	-2.349873	-0.517621	-4.787177
H	2.318494	-0.388184	4.858042
H	1.868968	-2.098732	4.624541
H	0.790884	-0.806253	4.022658
H	6.304280	-3.409768	0.91865
H	4.608052	-3.936751	0.745036

	H	4.976955	-2.391135	1.549296
	H	7.256107	3.816284	-1.847297
	H	6.286429	2.519161	-2.597895
	H	8.027753	2.273493	-2.296361
	H	2.816533	5.259568	2.097172
	H	3.261198	3.841349	3.086226
	H	1.545011	4.282458	2.873299
	H	-4.525781	-4.047187	-0.448384
	H	-4.906789	-2.579671	-1.386125
	H	-6.227554	-3.572003	-0.702597
	H	-8.192208	2.250989	2.054821
	H	-7.436357	3.790251	1.568146
	H	-6.472963	2.553954	2.422572
	H	2.311698	1.497694	-3.375666
	H	2.449474	1.945684	-1.654478
	H	0.905802	2.190156	-2.516937
	H	-0.934507	2.300904	2.432511
	H	-2.309560	1.635343	3.360090
	H	-2.493208	1.986658	1.621485
	H	-1.540520	4.178212	-2.930589
	H	-2.848035	5.166032	-2.231945
	H	-3.243765	3.708037	-3.182861
	H	1.788459	-5.344555	-0.729549
	H	1.569662	-3.927482	-1.792305
	H	0.418165	-5.294430	-1.868857
12a	Au	-1.083286	2.736241	1.367114
	Au	5.351073	-0.156067	-0.493044
	Au	-4.361319	1.870031	0.971127
	Au	3.338583	2.973808	-0.806948
	Au	1.469262	0.711096	0.262446
	Au	-4.888121	-1.048791	-0.641216
	Au	-0.194853	2.463596	-1.627690
	Au	-1.973277	-0.061504	-0.009400
	Au	-2.381438	-3.130663	-1.350144
	Au	3.737474	-2.521736	0.975126
	Au	0.714191	-2.405087	-0.734795
	Au	0.318616	-1.648319	2.288397
	S	5.415772	2.140806	-0.102118
	S	-1.771469	0.817586	-2.194576
	S	-3.063481	3.796028	0.679749

S	-5.762028	0.014951	1.257455
S	5.239429	-2.473977	-0.83443
S	1.394710	4.172139	-1.363478
S	-4.118416	-2.139717	-2.571584
S	2.182139	-0.736821	-1.458726
S	-0.684084	-4.197900	-0.136473
S	0.883878	1.827187	2.261034
S	2.389406	-2.587265	2.873334
S	-1.872002	-0.812980	2.222830
c	-5.335742	-3.503040	-2.836424
c	-7.429894	0.606185	0.732007
c	-0.133339	-5.586988	-1.221887
c	-2.922581	-2.316084	2.401322
c	-3.518483	4.872076	2.109494
c	2.001812	3.278635	2.476746
c	6.598219	2.804247	-1.353881
c	3.126952	-1.278857	3.945971
c	1.629221	-0.170187	-3.118720
c	-3.298477	1.757007	-2.610775
c	1.706865	4.784422	-3.075275
c	6.804521	-3.161653	-0.136046
H	-4.92397	-4.172727	-3.591256
H	-6.260783	-3.059426	-3.204182
H	-5.521617	-4.048226	-1.914292
H	-8.082797	-0.262823	0.653863
H	-7.379123	1.125143	-0.221915
H	-7.801525	1.278080	1.505309
H	0.813120	-5.955560	-0.827259
H	-0.005504	-5.254646	-2.249048
H	-0.886922	-6.372691	-1.169348
H	-2.711380	-2.739693	3.383288
H	-2.709129	-3.045318	1.624110
H	-3.964493	-2.00222	2.349727
H	-4.527236	5.247531	1.937987
H	-2.814399	5.703557	2.133424
H	-3.476248	4.318452	3.044155
H	3.015924	2.906539	2.620359
H	1.670986	3.807732	3.371048
H	1.966597	3.941336	1.615606
H	6.597275	3.891092	-1.273294

	H	6.317474	2.501194	-2.359717
	H	7.587759	2.418100	-1.11035
	H	2.506685	-1.193285	4.837865
	H	3.161688	-0.325889	3.42276
	H	4.132193	-1.596784	4.221814
	H	2.044528	-0.873439	-3.8415
	H	2.045387	0.824133	-3.283354
	H	0.546282	-0.143886	-3.196086
	H	-4.117097	1.041468	-2.686272
	H	-3.128926	2.232848	-3.577025
	H	-3.52199	2.505822	-1.855389
	H	0.799307	5.280398	-3.418832
	H	1.961368	3.967746	-3.746677
	H	2.524919	5.503365	-3.030039
	H	6.681473	-4.239863	-0.035223
	H	7.031224	-2.720037	0.831264
	H	7.607484	-2.949000	-0.841778
12b	Au	-5.385719	0.000301	0.000073
	Au	-3.411138	-2.754098	-0.770990
	Au	-0.000545	-3.182688	-0.000320
	Au	-2.327660	-0.000056	0.000119
	Au	-3.410267	2.754585	0.770778
	Au	3.410098	-2.754823	0.770739
	Au	0.000066	0.000325	-2.186544
	Au	0.000027	-0.000207	2.186737
	Au	2.327769	-0.000041	-0.000083
	Au	0.000580	3.183043	-0.000095
	Au	5.385645	-0.000658	0.00016
	Au	3.41117	2.754266	-0.770703
	S	-5.453731	-2.324599	0.300457
	S	-5.453206	2.325250	-0.30009
	S	-1.404193	-3.248315	-1.873233
	S	1.402970	-3.248900	1.872673
	S	-2.125832	-0.983992	2.154375
	S	-2.125704	0.984223	-2.153978
	S	-1.403203	3.248857	1.872731
	S	2.125781	-0.983747	-2.154412
	S	5.453035	-2.325574	-0.300185
	S	2.125839	0.983625	2.154286
	S	1.404367	3.249049	-1.872913

S	5.453732	2.324239	0.300568
c	1.518343	-5.051327	2.261897
c	-1.51988	-5.050637	-2.262848
c	1.520319	5.051475	-2.261983
c	-1.518838	5.051217	2.262181
c	6.745470	-2.899850	0.885404
c	6.746657	2.898072	-0.884696
c	-6.746614	-2.898482	-0.884827
c	-6.745672	2.899382	0.885532
c	3.173777	-0.000935	3.306670
c	3.173760	0.000734	-3.306830
c	-3.173600	-0.000003	-3.306694
c	-3.173707	0.000595	3.306802
H	2.274330	-5.176889	3.036842
H	1.786404	-5.628648	1.380145
H	0.547257	-5.370134	2.640456
H	-0.548865	-5.369514	-2.641527
H	-2.275931	-5.175903	-3.037778
H	-1.787986	-5.628103	-1.381206
H	2.276439	5.176869	-3.036825
H	1.788442	5.628639	-1.380149
H	0.549372	5.370592	-2.640633
H	-0.547814	5.370093	2.640839
H	-2.274886	5.176572	3.037100
H	-1.786924	5.62862	1.380493
H	7.713819	-2.566331	0.512749
H	6.714727	-3.98911	0.907222
H	6.570278	-2.501323	1.881662
H	6.716341	3.987345	-0.906474
H	6.571543	2.499657	-1.881013
H	7.714789	2.564161	-0.511828
H	-6.716172	-3.98775	-0.906687
H	-6.571566	-2.499971	-1.881117
H	-7.714775	-2.56471	-0.511913
H	-6.714995	3.988643	0.907408
H	-6.570453	2.500814	1.881769
H	-7.714000	2.565823	0.512860
H	4.216746	0.186699	3.049173
H	2.952070	-1.062418	3.228782
H	2.970405	0.355451	4.317051

	H	4.216716	-0.186748	-3.049171
	H	2.951924	1.062202	-3.229151
	H	2.970547	-0.355848	-4.317175
	H	-2.970429	0.356916	-4.316928
	H	-4.216572	0.187295	-3.048967
	H	-2.951655	-1.061473	-3.229346
	H	-2.970467	-0.355954	4.317154
	H	-4.216686	-0.18684	3.049202
	H	-2.951819	1.062048	3.229061
12c	Au	-5.609333	3.23863	0.601528
	Au	-3.241235	5.619602	0.596081
	Au	-0.000206	6.132748	-0.005194
	Au	3.241656	5.617937	-0.601438
	Au	5.617716	3.247351	-0.596941
	Au	6.12436	0.004243	0.005798
	Au	5.609333	-3.23863	0.601528
	Au	3.241235	-5.619602	0.596081
	Au	0.000206	-6.132748	-0.005194
	Au	-3.241656	-5.617937	-0.601438
	Au	-5.617716	-3.247351	-0.596941
	Au	-6.12436	-0.004243	0.005798
	S	-5.144435	5.141333	-0.668332
	S	1.379155	6.187952	-1.890016
	S	6.195815	1.383034	-1.878562
	S	5.144435	-5.141333	-0.668332
	S	-1.379155	-6.187952	-1.890016
	S	-6.195815	-1.383034	-1.878562
	S	-6.178498	1.376052	1.889984
	S	-1.379155	6.202245	1.879283
	S	5.144881	5.152004	0.667525
	S	6.178498	-1.376052	1.889984
	S	1.379155	-6.202245	1.879283
	S	-5.144881	-5.152004	0.667525
	c	-0.953935	4.679699	2.833509
	c	-4.498506	4.493713	-2.272712
	c	-4.647784	0.953043	2.832217
	c	-4.671474	-0.962568	-2.831978
	c	-4.498803	-4.506521	2.272667
	c	-0.956226	-4.657161	-2.832109
	c	0.953935	-4.679699	2.833509

c	4.498506	-4.493713	-2.272712
c	4.647784	-0.953043	2.832217
c	4.671474	0.962568	-2.831978
c	4.498803	4.506521	2.272667
c	0.956226	4.657161	-2.832109
H	0.0273	4.831564	3.282042
H	-0.942149	3.80234	2.191641
H	-1.701239	4.561764	3.617334
H	-4.082906	5.33551	-2.825627
H	-5.339886	4.072575	-2.822015
H	-3.73581	3.735233	-2.113166
H	-4.794841	-0.028403	3.281955
H	-4.524387	1.700582	3.615094
H	-3.775271	0.941747	2.183469
H	-4.82001	0.019175	-3.280602
H	-4.555449	-1.710312	-3.615743
H	-3.794392	-0.953621	-2.189659
H	-5.341592	-4.0933	2.825898
H	-3.742006	-3.742027	2.11421
H	-4.076122	-5.347834	2.820884
H	-1.704166	-4.53393	-3.614686
H	0.024991	-4.804629	-3.281993
H	-0.944495	-3.784477	-2.183612
H	-0.0273	-4.831564	3.282042
H	0.942149	-3.80234	2.191641
H	1.701239	-4.561764	3.617334
H	4.082906	-5.33551	-2.825627
H	5.339886	-4.072575	-2.822015
H	3.73581	-3.735233	-2.113166
H	4.524387	-1.700582	3.615094
H	3.775271	-0.941747	2.183469
H	4.794841	0.028403	3.281955
H	4.82001	-0.019175	-3.280602
H	4.555449	1.710312	-3.615743
H	3.794392	0.953621	-2.189659
H	5.341592	4.0933	2.825898
H	3.742006	3.742027	2.11421
H	4.076122	5.347834	2.820884
H	1.704166	4.53393	-3.614686
H	-0.024991	4.804629	-3.281993

13a	H	0.944495	3.784477	-2.183612
	Au	-0.458979	0.240631	2.328259
	Au	-4.338773	3.519013	0.400328
	Au	2.637523	3.822929	-0.995013
	Au	-0.908975	4.379407	-0.492801
	Au	-3.167126	-1.651077	-1.163923
	Au	-5.823987	0.188331	-0.634128
	Au	-2.125691	-2.886119	1.459866
	Au	2.263591	0.798396	-0.088561
	Au	5.216302	1.613675	0.419413
	Au	0.39231	-1.735018	0.183143
	Au	3.816498	-1.501774	1.220264
	Au	-0.001494	-4.589393	-0.82966
	Au	2.613417	-2.288323	-1.799366
	S	-2.531812	4.813237	1.12219
	S	0.642256	4.028487	-2.204252
	S	-5.466546	-2.082584	-1.0811
	S	-6.309945	2.440777	-0.24671
	S	4.741384	3.875823	0.030325
	S	-2.189455	-1.160412	3.055167
	S	1.287891	1.730013	1.85699
	S	5.93099	-0.585361	0.815817
	S	-0.975098	-0.980016	-1.621855
	S	-2.160543	-4.78371	0.059139
	S	3.161359	-0.029199	-2.127397
	S	1.785689	-2.348904	2.029847
	S	2.174273	-4.594059	-1.704534
	c	-2.057825	-6.234321	1.197742
	c	1.971701	-5.078883	-3.472981
	c	-3.743274	-0.231224	2.71535
	c	2.487346	1.36567	3.212845
	c	2.046791	0.500739	-3.493928
	c	1.999709	-4.174424	2.080963
	c	-1.117494	0.836979	-1.356702
	c	-5.806666	-2.970187	0.498165
	c	-6.634256	3.107387	-1.93816
	c	-1.933873	4.001787	2.666923
	c	0.80174	5.682858	-3.010212
	c	4.403812	4.604277	1.690836
	c	6.487765	-1.199315	-0.832433

	H	-1.932868	-7.128877	0.587813
	H	-2.996462	-6.290969	1.74872
	H	-1.226419	-6.136463	1.89162
	H	2.943826	-4.983954	-3.956075
	H	1.241892	-4.445226	-3.970775
	H	1.646031	-6.118566	-3.497077
	H	-4.57699	-0.836149	3.072378
	H	-3.857059	-0.024505	1.652364
	H	-3.706939	0.701356	3.277724
	H	3.449792	1.796201	2.934217
	H	2.59479	0.2936	3.359227
	H	2.110277	1.835534	4.121699
	H	2.473427	0.125529	-4.424461
	H	2.023387	1.58972	-3.505125
	H	1.045492	0.09923	-3.355463
	H	2.661737	-4.401876	2.917036
	H	2.422701	-4.552429	1.153482
	H	1.017768	-4.615175	2.253279
	H	-0.1152	1.261943	-1.425819
	H	-1.542228	1.055474	-0.378509
	H	-1.751763	1.244812	-2.143352
	H	-6.88348	-2.957845	0.66488
	H	-5.28517	-2.506915	1.331615
	H	-5.45949	-3.994921	0.371271
	H	-7.522124	2.609017	-2.325567
	H	-5.788332	2.933736	-2.59881
	H	-6.82396	4.175882	-1.842465
	H	-1.025011	4.51574	2.976943
	H	-1.724292	2.945925	2.509861
	H	-2.707662	4.130119	3.423479
	H	-0.141138	5.900484	-3.511289
	H	1.603902	5.6188	-3.744666
	H	1.024972	6.454604	-2.277728
	H	5.296461	4.479167	2.302861
	H	3.547897	4.128189	2.163336
	H	4.202141	5.66542	1.546794
	H	6.653119	-2.272399	-0.743386
	H	7.426405	-0.697803	-1.066994
	H	5.745966	-0.993494	-1.599376
13b	Au	3.032971	-3.14653	1.799172

Au	3.563906	-2.666284	-1.797704
Au	1.39972	-0.236098	3.069762
Au	1.776786	-0.828255	0.114673
Au	1.879762	0.255212	-2.906317
Au	3.07825	2.671028	0.48386
Au	-1.699047	0.45962	2.889101
Au	-1.988662	-0.409595	-0.06769
Au	0.460748	5.036525	-0.014918
Au	-1.186163	-0.107404	-2.998623
Au	-4.132371	-1.943737	1.70424
Au	-3.539175	-2.561397	-1.83607
Au	-2.585077	3.228928	-0.517973
S	3.729062	-4.28877	-0.118967
S	2.341154	-2.237552	3.846693
S	3.533441	-1.225828	-3.643001
S	3.761612	0.495539	-0.001123
S	0.238697	1.69164	2.375297
S	-0.257427	-2.025374	-0.100205
S	0.134498	1.741945	-2.364651
S	2.531483	4.871629	1.041496
S	-4.940997	-3.210972	-0.084214
S	-3.569411	-0.739309	3.632015
S	-3.701212	1.239633	-0.041225
S	-1.600966	5.271001	-1.075122
S	-2.273387	-2.047897	-3.731625
c	3.885115	-1.813725	4.758692
c	2.306881	-5.406729	-0.491232
c	5.113687	-0.286411	-3.489114
c	0.056187	2.877217	-3.8213
c	-3.514305	-1.49147	-4.97765
c	-4.449313	-4.949769	0.289223
c	-4.901342	0.538476	3.69808
c	-4.680158	0.940671	-1.572608
c	-2.509115	6.523268	-0.067686
c	0.400292	2.862491	3.796434
c	3.662703	5.911987	0.018581
c	4.767875	0.051683	1.472504
c	-0.526197	-2.955504	1.463377
H	3.599263	-1.261078	5.653229
H	4.561647	-1.217827	4.151264

H	4.365884	-2.749508	5.042692
H	2.546367	-5.94488	-1.407828
H	1.389417	-4.83762	-0.62478
H	2.205481	-6.110494	0.334421
H	5.11298	0.487852	-4.256247
H	5.933619	-0.98172	-3.668313
H	5.198161	0.158953	-2.500627
H	-0.907762	3.384721	-3.79659
H	0.173331	2.329379	-4.753293
H	0.855772	3.609514	-3.711291
H	-4.113317	-2.356888	-5.260163
H	-2.968578	-1.122734	-5.845923
H	-4.15571	-0.708549	-4.579829
H	-4.753814	-5.567209	-0.555322
H	-4.982922	-5.260773	1.186722
H	-3.376206	-5.034548	0.442915
H	-5.840411	0.02962	3.914599
H	-4.967101	1.072186	2.752743
H	-4.659644	1.226936	4.507612
H	-5.413484	1.74167	-1.66788
H	-5.18757	-0.01828	-1.462664
H	-4.024338	0.917496	-2.441872
H	-3.528653	6.578689	-0.447976
H	-2.013105	7.483987	-0.202849
H	-2.516679	6.249706	0.984504
H	-0.317129	3.668136	3.641572
H	1.411586	3.267931	3.778463
H	0.207745	2.362321	4.74267
H	3.36562	6.952697	0.14486
H	3.611296	5.631409	-1.030518
H	4.675103	5.769799	0.395404
H	5.666644	0.66897	1.467327
H	5.037095	-1.002515	1.388889
H	4.19483	0.222415	2.383046
H	-1.505605	-3.431111	1.393597
H	-0.503015	-2.288748	2.324672
H	0.254467	-3.713058	1.553542

L = SH

1A	Au	0.01404	-0.400943	0.000000
	S	0.01404	1.8552	0.000000
	H	-1.333781	1.991274	0.000000
2A	Au	-2.128445	-0.272847	0.00034
	Au	1.484624	0.170727	-0.003821
	S	-0.51073	1.356767	-0.077238
	S	3.491148	-0.907128	0.094026
	H	3.780954	-0.824208	-1.225111
	H	-3.780954	0.824208	1.225111
2B	Au	-1.355224	0.000000	-0.009003
	Au	1.355224	0.000000	-0.009003
	S	0.000000	2.123435	-0.037137
	S	0.000000	-2.123435	-0.037137
	H	0.000000	2.288671	1.305398
	H	0.000000	-2.288671	-1.305398
3A	Au	0.000000	1.720516	-0.00723
	Au	1.490011	-0.860258	-0.00723
	Au	-1.490011	-0.860258	-0.00723
	S	2.358981	1.361958	-0.044662
	S	-2.358981	1.361958	-0.044662
	S	0.000000	-2.723917	-0.044662
	H	2.574612	1.486453	1.285738
	H	-2.574612	1.486453	1.285738
	H	0.000000	-2.972906	1.285738
4A	Au	-1.474347	1.784484	-0.000081
	Au	1.784645	1.474221	0.000067
	Au	-1.784667	-1.474227	-0.000111
	Au	1.47436	-1.784475	0.000061
	S	-3.190762	0.30377	0.596216
	S	0.303809	3.190476	-0.596252
	S	3.190758	-0.303797	0.596506
	S	-0.303743	-3.190475	-0.59618
	H	-3.916447	0.373002	-0.544751
	H	3.916374	-0.372912	-0.544513
	H	-0.372968	-3.916054	0.544855
	H	0.372736	3.9161	0.544773
5A	Au	-0.800004	-2.71068	0.334848
	Au	2.262159	-1.617757	-0.038808
	Au	-2.905412	-0.050202	-0.431187

6A	Au	2.306147	1.609148	-0.288353
	Au	-0.859801	2.75188	0.420612
	S	1.228107	-3.109171	1.440807
	S	-2.830964	-2.363742	-0.768315
	S	3.250954	-0.1248	-1.549341
	S	1.337938	3.301202	0.998253
	S	-3.070004	2.263552	-0.14812
	H	-2.348243	-2.335797	-2.03327
	H	1.045965	-2.239765	2.463317
	H	-3.595088	2.263628	1.099633
	H	4.492939	-0.101394	-1.010238
	H	1.503893	4.332012	0.13611
	Au	3.354507	-0.096438	-1.087413
	Au	1.570059	-2.362441	0.553734
	Au	-3.35108	0.04686	-1.091615
	Au	-1.706166	-2.300066	0.571468
	Au	-1.625173	2.385839	0.518443
	Au	1.76891	2.312487	0.541263
	S	3.220654	-2.434762	-1.105829
	S	-0.05901	-2.327555	2.234643
	S	-3.322833	-2.294374	-1.122192
	S	-3.363111	2.389261	-1.047288
	S	3.521542	2.240379	-1.006966
	S	0.060448	2.326028	2.1353
	H	2.80039	2.510382	-2.120897
	H	-4.419268	-2.498418	-0.354251
	H	-0.038426	-0.99746	2.489396
	H	0.086665	3.640476	2.456777
	H	-2.623874	2.59791	-2.162476
	H	2.398093	-2.549599	-2.175728
6B	Au	1.645786	2.850585	0.000000
	Au	3.291572	0.000000	0.000000
	Au	-1.645786	-2.850585	0.000000
	Au	1.645786	-2.850585	0.000000
	Au	-3.291572	0.000000	0.000000
	Au	-1.645786	2.850585	0.000000
	S	3.31522	1.914043	1.348639
	S	3.31522	-1.914043	-1.348639
	S	0.000000	-3.828086	1.348639
	S	-3.31522	-1.914043	-1.348639

7A	S	0.000000	3.828086	-1.348639
	S	-3.31522	1.914043	1.348639
	H	0.000000	-2.897828	2.333207
	H	-2.509593	1.448914	2.333207
	H	2.509593	1.448914	2.333207
	H	2.509593	-1.448914	-2.333207
	H	-2.509593	-1.448914	-2.333207
	H	0.000000	2.897828	-2.333207
	Au	-3.969532	1.338771	-0.967531
	Au	-3.920655	-1.389884	0.905763
	Au	-0.930084	2.086493	0.018458
	Au	-0.876053	-2.039421	0.096144
	Au	2.474866	1.893811	0.952312
	Au	2.497614	-1.917801	-0.973416
7B	Au	4.738214	0.023687	-0.034984
	S	-2.327824	2.843139	-1.704236
	S	-5.586634	-0.179567	-0.210049
	S	-2.216818	-2.638437	1.928785
	S	0.374051	1.375082	1.82087
	S	0.36285	-1.481312	-1.804729
	S	4.643396	2.367203	0.170988
	S	4.694129	-2.321141	-0.233649
	H	-1.828861	2.088863	-2.711922
	H	-1.789286	-1.686744	2.792001
	H	0.349592	-0.139251	-1.605191
	H	0.356568	0.052605	1.50562
	H	4.318001	2.634164	-1.116331
	H	4.40222	-2.589459	1.061411
7B	H	-6.033911	0.543462	0.843742
	Au	0.468975	3.008535	1.45554
	Au	0.85152	0.297264	0.000000
	Au	0.468975	3.008535	-1.45554
	Au	-1.856001	-0.677306	-1.531656
	Au	-1.856001	-0.677306	1.531656
	Au	0.930351	-2.496169	-1.526548
	Au	0.930351	-2.496169	1.526548
	S	-0.02145	4.834638	0.000000
	S	-2.887044	0.792934	0.000000
	S	1.068036	0.918511	2.374262
	S	1.068036	0.918511	-2.374262

8A	S	-0.84903	-2.176786	-3.039541
	S	-0.84903	-2.176786	3.039541
	S	2.671173	-2.973476	0.000000
	H	-1.894573	1.721828	0.000000
	H	3.243879	-1.746634	0.000000
	H	-1.56154	-3.275433	2.693871
	H	-1.56154	-3.275433	-2.693871
	H	2.408479	1.11697	-2.351063
	H	2.408479	1.11697	2.351063
	H	-1.369795	4.717671	0.000000
	Au	3.7711	1.695243	0.172608
	Au	3.808227	-1.646149	0.200866
	Au	0.791645	1.650928	-1.317161
	Au	0.836106	-1.684113	-1.287796
	Au	-0.836142	1.684048	1.288011
	Au	-3.808268	1.646044	-0.20099
	Au	-0.791572	-1.650828	1.317253
	Au	-3.771098	-1.695175	-0.172786
	S	5.290955	0.045933	0.859715
	S	-0.505406	-0.042917	-2.302028
	S	2.242383	3.327002	-0.523006
	S	2.278249	-3.3189	-0.393349
	S	-2.278389	3.318753	0.393593
	S	0.505578	0.042944	2.302136
	S	-5.290922	-0.045969	-0.860229
	S	-2.242418	-3.326826	0.523158
	H	1.519672	0.058809	1.398942
	H	-6.061923	-0.049194	0.253267
	H	-1.519603	-0.058689	-1.39895
	H	6.061738	0.049136	-0.253933
	H	-2.870028	3.693061	1.553183
	H	1.641441	3.527351	0.673646
	H	-1.641416	-3.527362	-0.673432
	H	2.869754	-3.693372	-1.552954
8B	Au	-4.27706	-1.40657	0.129889
	Au	-0.982579	1.261676	1.201852
	Au	1.292623	-1.504056	0.804236
	Au	-4.079151	1.625377	-0.183352
	Au	-1.296323	-1.487391	-0.75509
	Au	0.982566	1.271848	-1.144014

	Au	4.270198	-1.41186	-0.197552
	Au	4.092546	1.627728	0.130739
	S	-2.537187	-2.867964	0.712141
	S	-2.230671	2.997773	0.212912
	S	-5.895419	0.165295	-0.546005
	S	0.176017	-0.320189	2.502246
	S	2.51302	-2.892939	-0.66688
	S	-0.169399	-0.308616	-2.450204
	S	2.221984	3.003353	-0.133312
	S	5.944845	0.176897	0.281096
	H	2.122665	-2.3244	-1.831989
	H	1.713004	2.888886	1.115859
	H	-2.190274	-2.263594	1.872879
	H	1.191773	0.473119	2.914959
	H	-1.679811	2.950862	-1.022745
	H	-1.185116	0.482246	-2.867756
	H	-6.505372	0.34158	0.649775
	H	5.939368	0.030163	1.627235
8C	Au	2.786637	-3.291231	0.064173
	Au	-2.786675	3.291111	0.063041
	Au	-4.440694	0.410275	-0.006971
	Au	-0.409377	-4.187518	0.006607
	Au	-3.392909	-2.734935	-0.064053
	Au	4.440703	-0.410336	-0.00559
	Au	0.409371	4.187579	0.006484
	Au	3.392936	2.73505	-0.063208
	S	1.340037	-4.37625	1.54769
	S	-4.279304	2.26808	-1.419106
	S	-1.340583	4.376233	1.546971
	S	4.279779	-2.26832	-1.417519
	S	-2.165533	-4.07746	-1.534606
	S	-4.675887	-1.441346	1.403356
	S	4.675463	1.44146	1.404566
	S	2.166055	4.07762	-1.534116
	H	-3.695388	-1.131725	2.284882
	H	3.694769	1.131925	2.285905
	H	1.667026	3.091483	-2.316878
	H	-1.666207	-3.09125	-2.317087
	H	-3.367363	1.766225	-2.285651
	H	3.368183	-1.766605	-2.284507

9A	H	-1.026726	3.308978	2.319432
	H	1.025993	-3.308965	2.320034
	Au	-3.376218	-1.725819	0.553604
	Au	-0.334581	-3.342366	-0.292934
	Au	-3.392904	1.708216	-0.56809
	Au	1.541058	0.328579	-1.962385
	Au	-0.897066	0.010299	0.012407
	Au	-0.338248	3.347888	0.310128
	Au	2.618952	-2.169285	-0.234986
	Au	1.558345	-0.329129	1.960183
	Au	2.625597	2.168191	0.214962
	S	-4.875825	-0.038604	-0.076106
	S	-2.077834	-3.550917	1.250275
	S	-0.730066	-0.100532	-2.3717
	S	-2.110524	3.570469	-1.196673
	S	-0.705642	0.115133	2.394382
	S	1.410618	-3.339213	-1.879966
	S	3.756083	1.041027	-1.528466
	S	3.765555	-1.048667	1.501952
	S	1.433272	3.341559	1.867899
	H	-0.692237	-1.447599	-2.503262
	H	-0.653392	1.461187	2.530817
	H	-1.518626	3.005247	-2.275271
	H	-1.475792	-2.939802	2.297848
	H	1.872197	-4.587531	-1.626729
	H	1.891278	4.589841	1.60823
	H	3.767954	2.075559	-2.403588
	H	3.782859	-2.085627	2.374085
	H	-5.214264	0.355236	1.174167
9B	Au	3.404813	2.479694	0.260779
	Au	-0.585431	-1.574031	-0.906812
	Au	0.082235	2.349748	1.262654
	Au	4.298999	-0.648259	-0.940887
	Au	-0.042275	-1.057263	2.128162
	Au	2.172022	-2.700074	0.001261
	Au	-3.73408	-1.964367	0.042416
	Au	-1.246692	1.768691	-1.44075
	Au	-4.33064	1.351142	-0.411253
	S	1.548608	3.901884	0.283383
	S	5.310858	1.12627	0.199323

	S	-1.366586	0.85976	2.347848
	S	3.310596	-2.469768	-2.052289
	S	1.309971	-2.974367	2.163994
	S	0.470676	0.257147	-1.945252
	S	-1.898173	-3.403143	-0.166615
	S	-5.552145	-0.511809	0.317276
	S	-3.08885	3.202804	-1.138095
	H	2.358132	-1.769822	-2.71287
	H	5.196704	0.612185	1.4473
	H	0.33967	-3.872566	1.874554
	H	-2.205199	0.645641	1.299342
	H	1.87034	4.592308	1.403243
	H	-2.748533	3.678297	0.082946
	H	-6.17332	-0.782206	-0.855457
	H	1.346551	0.574688	-0.959435
	H	-2.200846	-3.91626	-1.382792
10A	Au	3.943082	-1.666869	0.66213
	Au	0.572187	-2.383095	1.559212
	Au	-0.572197	-2.383118	-1.559188
	Au	3.909889	1.707054	-0.691153
	Au	-1.519252	-0.017822	0.036862
	Au	-3.943086	-1.666865	-0.662135
	Au	1.519252	-0.017829	-0.036872
	Au	0.490037	2.368162	-1.560638
	Au	-3.909883	1.707067	0.69114
	Au	-0.490029	2.368155	1.560646
	S	2.610447	-3.518203	1.244822
	S	5.414958	0.062659	0.057793
	S	-1.436579	-1.281781	2.08645
	S	1.436561	-1.281803	-2.086449
	S	-2.610466	-3.518212	-1.244817
	S	-1.582199	1.324905	-1.965183
	S	-5.414952	0.06268	-0.057823
	S	2.550332	3.493255	-1.395397
	S	1.582216	1.324907	1.965168
	S	-2.550324	3.493252	1.395421
	H	-1.138253	0.396284	-2.84567
	H	2.36554	4.040042	-0.170513
	H	5.77938	-0.429086	-1.149528
	H	2.302641	-2.267185	-1.753319

	H	2.979942	-3.619538	2.542993
	H	-2.302657	-2.267165	1.75332
	H	1.138283	0.396287	2.845663
	H	-2.979954	-3.619545	-2.542991
	H	-2.365533	4.040063	0.170547
	H	-5.779402	-0.42906	1.149492
10B	Au	-1.854034	-2.704238	-1.62989
	Au	-3.70478	-1.532739	1.28132
	Au	-1.569309	-0.065375	-0.197408
	Au	1.816128	-2.710772	-1.645763
	Au	-1.849249	1.376341	2.456493
	Au	1.870348	1.344284	2.460998
	Au	1.562832	-0.080651	-0.186189
	Au	-1.547264	2.990694	-1.907346
	Au	3.692306	-1.576953	1.265951
	Au	1.583264	2.971623	-1.902035
	S	-3.703326	-3.283537	-0.293233
	S	-0.025315	-2.273218	-3.043742
	S	-3.795441	0.139906	2.936573
	S	-0.013407	-1.441658	0.994383
	S	0.023857	2.749832	2.077232
	S	-3.080831	1.307395	-1.405582
	S	3.721698	-3.267895	-0.37529
	S	3.753652	0.032627	2.983472
	S	0.029022	4.659592	-2.419457
	S	3.095979	1.272272	-1.390943
	H	-0.026206	-0.736716	2.153705
	H	0.030813	5.28365	-1.217638
	H	3.04459	0.610885	-2.570943
	H	-3.0218	0.644767	-2.584579
	H	3.142445	-4.23252	0.377643
	H	-3.292974	-0.598657	3.953838
	H	-4.681807	-2.809609	-1.099143
	H	-0.021324	-0.927956	-2.880611
	H	0.023312	2.633678	0.723178
	H	4.689651	0.842499	2.435582
10C	Au	-0.645092	5.425909	-0.297476
	Au	-3.742632	4.167635	-0.199644
	Au	-5.020185	1.100997	0.181704
	Au	-4.80575	-2.236822	0.33462

	Au	-2.83263	-4.920518	0.025815
	Au	0.484329	-5.211721	-0.317711
	Au	3.510157	-3.771526	-0.233095
	Au	5.532678	-1.132976	0.151474
	Au	4.988883	2.165956	0.323354
	Au	2.52997	4.413168	0.031223
	S	-2.505503	5.668395	1.098012
	S	-5.093787	-0.505782	1.879079
	S	-1.105094	-5.917575	1.24552
	S	4.989059	-3.022246	1.416345
	S	3.894573	3.643236	1.7675
	S	-5.03973	2.723622	-1.502734
	S	-4.600571	-3.995419	-1.192905
	S	2.091305	-4.594235	-1.899355
	S	6.155983	0.734074	-1.110129
	S	1.215387	5.267822	-1.703858
	H	-0.919813	-4.934178	2.158061
	H	-3.80939	-0.402259	2.295581
	H	-2.124184	4.808055	2.071987
	H	3.022173	2.766776	2.319444
	H	4.078719	-2.449903	2.239589
	H	1.54261	-3.417064	-2.282891
	H	5.21598	0.631777	-2.079699
	H	0.907531	4.093489	-2.303896
	H	-4.048045	2.210158	-2.268834
	H	-3.870117	-3.345178	-2.129788
11A	Au	0.074035	2.709431	1.051396
	Au	-3.164358	2.378694	1.309376
	Au	1.87843	0.002695	0.005567
	Au	4.287924	-1.537543	0.966993
	Au	-1.31076	-0.001136	0.000515
	Au	-4.681594	-0.002682	-0.00277
	Au	4.281768	1.533041	-0.986226
	Au	0.843192	2.090182	-1.908653
	Au	0.846876	-2.088697	1.914361
	Au	-3.161088	-2.38254	-1.312763
	Au	0.078306	-2.705798	-1.045661
	S	-1.760668	4.059567	0.463181
	S	5.773875	-0.029176	-0.056071
	S	1.972393	1.567277	1.826623

	S	-4.718514	0.845176	2.190463
	S	2.940508	-3.167395	1.997985
	S	-1.291476	-1.099174	2.113687
	S	-1.290885	1.094084	-2.114142
	S	2.930001	3.184025	-1.977429
	S	-1.755467	-4.060279	-0.4639
	S	1.978776	-1.56302	-1.814517
	S	-4.716142	-0.851011	-2.195834
	H	-3.834315	0.040512	-2.709702
	H	-3.836336	-0.045835	2.704618
	H	-1.841901	3.719271	-0.845072
	H	1.385734	0.800747	2.775829
	H	1.398035	-0.793935	-2.765309
	H	-1.841698	-3.720768	0.844243
	H	-0.942431	0.027226	-2.870208
	H	-0.948601	-0.033094	2.873382
	H	2.773357	-3.951375	0.906755
	H	6.087835	0.684584	1.050436
	H	2.756167	3.935304	-0.864343
11B	Au	-5.061097	2.423367	-0.004941
	Au	-6.010074	-0.487701	0.418452
	Au	-2.605755	1.082011	-1.508061
	Au	-2.944637	-1.0144	1.075055
	Au	-1.260514	-2.175813	-1.299993
	Au	0.006465	0.336956	0.001506
	Au	1.259016	-2.195052	1.283246
	Au	2.959916	-1.01999	-1.050651
	Au	2.601868	1.066556	1.537953
	Au	6.010208	-0.467579	-0.440749
	Au	5.036915	2.435417	-0.004516
	S	-7.209199	1.541162	0.375616
	S	-2.519535	-0.875542	-2.811863
	S	-0.019005	-3.687812	-0.001799
	S	-2.872746	3.162536	-0.405941
	S	-4.714772	-2.443268	0.444445
	S	-1.280656	0.365721	1.999851
	S	1.3	0.354572	-1.99366
	S	4.736974	-2.439225	-0.406669
	S	2.51968	-0.911692	2.809785
	S	2.856757	3.160176	0.459618

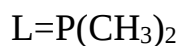
	S	7.182691	1.575987	-0.449114
	H	-1.482944	-0.514687	-3.604359
	H	1.488486	-0.568343	3.616843
	H	4.501585	-2.467088	0.926189
	H	7.186163	1.773917	-1.788615
	H	3.134157	3.906062	1.554818
	H	-4.466009	-2.502051	-0.88499
	H	-7.259254	1.746347	1.713069
	H	1.915515	1.547677	-1.820532
	H	-1.892778	1.559019	1.817028
	H	-3.123133	3.924701	-1.496318
	H	0.922467	-3.96531	-0.93411
12A	Au	-0.493266	2.698113	1.349239
	Au	5.052998	-0.244618	-0.400419
	Au	-3.833875	2.276191	1.100137
	Au	3.511369	2.913553	-0.616453
	Au	1.510989	0.304141	0.063649
	Au	-4.911865	-0.476137	-0.521988
	Au	0.079597	2.523465	-1.706544
	Au	-1.782604	0.0544	0.021753
	Au	-2.938369	-2.8814	-1.304732
	Au	3.432186	-2.751197	0.648543
	Au	0.126318	-2.523917	-0.88053
	Au	0.250689	-1.926721	2.230891
	S	5.338466	1.911418	0.446123
	S	-1.673819	1.014348	-2.144994
	S	-2.341536	4.068386	0.84351
	S	-5.462791	0.628998	1.472902
	S	4.886461	-2.45446	-1.171968
	S	1.783175	4.135782	-1.617154
	S	-4.534314	-1.657141	-2.517413
	S	1.59514	-0.997106	-1.91056
	S	-1.366489	-4.2218	-0.184773
	S	1.377885	1.484809	2.110651
	S	2.231955	-3.114952	2.616291
	S	-1.851744	-0.88352	2.193684
	H	-3.660463	-0.787399	-3.079699
	H	-4.716078	-0.155077	2.287534
	H	-1.598535	-3.780451	1.075154
	H	-1.523856	0.233195	2.886681

	H	-2.21183	4.032293	-0.504706
	H	2.309385	2.437782	1.855768
	H	6.300257	2.34541	-0.402459
	H	1.748343	-4.344872	2.3233
	H	0.694505	-0.329358	-2.670598
	H	-2.716225	1.868673	-2.026497
	H	1.370697	4.770086	-0.494263
	H	3.956322	-2.230379	-2.131309
12B	Au	0.000000	0.000000	-5.386707
	Au	-0.895372	2.729487	-3.372595
	Au	0.000000	3.139938	0.000000
	Au	0.000000	0.000000	-2.313488
	Au	0.895372	-2.729487	-3.372595
	Au	0.895372	2.729487	3.372595
	Au	-2.221648	0.000000	0.000000
	Au	2.221648	0.000000	0.000000
	Au	0.000000	0.000000	2.313488
	Au	0.000000	-3.139938	0.000000
	Au	0.000000	0.000000	5.386707
	Au	-0.895372	-2.729487	3.372595
	S	0.094083	2.343397	-5.465177
	S	-0.094083	-2.343397	-5.465177
	S	-1.930237	3.235859	-1.329184
	S	1.930237	3.235859	1.329184
	S	2.234525	0.811086	-2.198405
	S	-2.234525	-0.811086	-2.198405
	S	1.930237	-3.235859	-1.329184
	S	-2.234525	0.811086	2.198405
	S	-0.094083	2.343397	5.465177
	S	2.234525	-0.811086	2.198405
	S	-1.930237	-3.235859	1.329184
	S	0.094083	-2.343397	5.465177
	H	1.964396	4.584073	1.473021
	H	-1.964396	4.584073	-1.473021
	H	-1.964396	-4.584073	1.473021
	H	1.964396	-4.584073	-1.473021
	H	1.000787	2.544045	6.236041
	H	-1.000787	-2.544045	6.236041
	H	-1.000787	2.544045	-6.236041
	H	1.000787	-2.544045	-6.236041

12C	H	2.834356	0.247131	2.793785
	H	-2.834356	-0.247131	2.793785
	H	-2.834356	0.247131	-2.793785
	H	2.834356	-0.247131	-2.793785
	Au	1.688369	6.301078	0.000000
	Au	-1.688369	6.301078	0.000000
	Au	-4.61271	4.61271	0.000000
	Au	-6.301078	1.688369	0.000000
	Au	-6.301078	-1.688369	0.000000
	Au	-4.61271	-4.61271	0.000000
	Au	-1.688369	-6.301078	0.000000
	Au	1.688369	-6.301078	0.000000
	Au	4.61271	-4.61271	0.000000
	Au	6.301078	-1.688369	0.000000
	Au	6.301078	1.688369	0.000000
	Au	4.61271	4.61271	0.000000
	S	0.000000	6.805484	1.535414
	S	-5.893722	3.402742	1.535414
	S	-5.893722	-3.402742	1.535414
	S	0.000000	-6.805484	1.535414
	S	5.893722	-3.402742	1.535414
	S	5.893722	3.402742	1.535414
	S	3.402742	5.893722	-1.535414
	S	-3.402742	5.893722	-1.535414
	S	-6.805484	0.000000	-1.535414
	S	-3.402742	-5.893722	-1.535414
	S	3.402742	-5.893722	-1.535414
	S	6.805484	0.000000	-1.535414
	H	-2.817482	4.880021	-2.215807
	H	0.000000	5.634963	2.215807
	H	2.817482	4.880021	-2.215807
	H	4.880021	2.817482	2.215807
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	H	4.880021	-2.817482	2.215807
	H	2.817482	-4.880021	-2.215807
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	H	-5.634963	0.000000	-2.215807
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13A	Au	-1.201701	4.097112	0.529919
	Au	0.16557	1.384598	1.313382
	Au	-2.174564	-3.017717	2.279268
	Au	-3.062685	-3.148213	-1.062581
	Au	-4.306175	2.704833	0.027058
	Au	0.789168	-1.33545	2.801665
	Au	1.087975	2.579477	-1.431725
	Au	2.211893	-0.381394	-0.155494
	Au	-4.315763	-0.036074	-2.318182
	Au	-0.441823	-1.853295	-0.065761
	Au	3.419942	2.295847	0.684613
	Au	5.012919	-0.202711	-1.29634
	Au	2.824955	-3.09605	-1.253915
	S	-3.16312	-4.559682	0.812462
	S	0.656772	4.786126	-0.741398
	S	-3.118787	3.649783	1.808759
	S	1.882996	2.551634	2.458469
	S	-1.627403	0.168515	0.358478
	S	-1.290954	-1.543102	3.873184
	S	-3.055524	-1.869956	-3.029919
	S	5.181925	2.105665	-0.866593
	S	1.398905	0.41433	-2.27683
	S	2.969729	-1.298009	1.929672
	S	-5.602752	1.81467	-1.703097
	S	0.677219	-3.858698	-0.695754
	S	5.022405	-2.493552	-1.83615
	H	4.50312	2.532915	-1.957211
	H	-1.588394	0.723052	-0.875577
	H	-1.858772	-0.410806	3.394376
	H	-2.038873	-5.264165	0.540032
	H	-4.045756	-2.524066	-3.682356
	H	-5.19446	2.650243	-2.687268
	H	-2.688115	2.489407	2.356077
	H	-0.023542	5.202929	-1.835445
	H	1.488831	3.818678	2.192239
	H	3.385793	-0.152118	2.519101
	H	5.61611	-2.929477	-0.70018
	H	0.17472	-3.910613	-1.95129
	H	2.599667	0.604308	-2.873703
13B	Au	3.355462	-2.681554	-1.516431

Au	5.13752	0.524456	-1.419095
Au	0.233947	2.596965	-0.451625
Au	2.476666	-0.131146	0.02047
Au	3.659602	2.435577	1.129594
Au	-0.061965	-2.312411	-1.429978
Au	0.324923	1.369759	2.399614
Au	-1.867496	0.078678	-0.095187
Au	-2.635216	3.40818	-1.064884
Au	-4.729094	-1.683989	0.051016
Au	1.174395	-1.922152	2.307348
Au	-2.104127	-3.030729	0.850803
Au	-4.986901	1.34409	-0.821555
S	5.329059	-1.651737	-2.266377
S	1.503416	-3.953926	-0.83791
S	1.483268	1.089235	-1.748115
S	5.073475	2.767372	-0.713724
S	-1.095007	4.335805	0.457795
S	2.430686	2.154115	3.105274
S	-1.62256	-0.763998	-2.288999
S	3.40172	-1.381843	1.824369
S	-3.681721	-3.608182	-0.816344
S	-1.963663	0.888153	2.112508
S	-4.17561	2.591328	-2.637903
S	-5.894383	0.136418	0.973099
S	-0.961002	-2.668486	2.874309
H	-3.396578	1.617065	-3.164924
H	-4.966642	0.495122	1.892542
H	-3.080866	-3.049004	-1.892361
H	-0.721292	0.132922	-2.758569
H	-1.523947	3.706518	1.577265
H	-2.021979	-0.281744	2.790948
H	-0.658325	-3.948919	3.190261
H	2.075659	3.440764	3.327419
H	3.550799	-0.379521	2.722807
H	2.524495	1.897266	-2.054812
H	6.25102	2.788501	-0.046275
H	4.926907	-1.376723	-3.529444
H	1.5584	-3.652488	0.490354



1I	Au	-0.642563	-0.426892	0.000000
	P	1.533078	0.31145	0.000000
	c	1.533078	1.532939	1.410787
	c	1.533078	1.532939	-1.410787
	H	2.518288	2.013123	1.430367
	H	1.39708	1.007887	2.357903
	H	0.769323	2.307731	1.319404
	H	2.518288	2.013123	-1.430367
	H	0.769323	2.307731	-1.319404
	H	1.39708	1.007887	-2.357903
2I	Au	2.641664	-0.453577	0.000019
	Au	-1.34722	-0.059627	-0.000027
	P	0.79115	0.896263	-0.000041
	P	-3.55418	-0.851928	0.00007
	c	1.042196	2.036618	-1.434336
	c	1.042054	2.03656	1.434329
	c	-4.373218	0.046998	1.422917
	c	-4.373259	0.046798	-1.422882
	H	0.234196	2.773718	-1.430637
	H	0.992331	1.472714	-2.366389
	H	2.002338	2.551713	-1.374499
	H	-5.436332	-0.214335	1.446437
	H	-4.28449	1.134634	1.353924
	H	-3.928838	-0.279848	2.36595
	H	-5.436373	-0.214541	-1.446331
	H	-3.928908	-0.280181	-2.365883
	H	-4.284532	1.134444	-1.354048
	H	0.234058	2.773665	1.430576
	H	2.002206	2.551651	1.374629
	H	0.992077	1.472607	2.366347
2II	Au	0.000000	0.000000	1.415387
	Au	0.000000	0.000000	-1.415382
	P	0.000000	1.966631	-0.000005
	P	0.000000	-1.966631	-0.000005
	c	-1.450951	-3.111978	-0.000005
	c	1.450951	-3.111978	-0.000005
	c	-1.450951	3.111978	-0.000005
	c	1.450951	3.111978	-0.000005

	H	-1.441723	-3.745994	-0.891083
	H	-2.36991	-2.524058	-0.000005
	H	-1.441723	-3.745994	0.891073
	H	1.441723	-3.745994	-0.891083
	H	1.441723	-3.745994	0.891073
	H	2.36991	-2.524058	-0.000005
	H	-1.441723	3.745994	-0.891083
	H	-1.441723	3.745994	0.891073
	H	-2.36991	2.524058	-0.000005
	H	1.441723	3.745994	-0.891083
	H	2.36991	2.524058	-0.000005
	H	1.441723	3.745994	0.891073
3I	Au	-0.932961	1.6162	0.000000
	Au	1.866348	-0.000071	0.000000
	Au	-0.933339	-1.616327	0.000000
	P	1.323809	2.29253	0.000000
	P	-2.647218	0.000125	0.000000
	P	1.323441	-2.292586	0.000000
	c	1.895116	3.282756	1.451809
	c	-3.790436	0.0006	-1.451808
	c	1.895116	-3.282623	1.451771
	c	1.895116	-3.282623	-1.451771
	c	-3.790436	0.0006	1.451808
	c	1.895116	3.282756	-1.451809
	H	2.983322	3.385879	1.444264
	H	1.599994	2.773025	2.370288
	H	1.440878	4.276987	1.44322
	H	-4.423939	-0.890186	-1.444263
	H	-3.201435	0.001258	-2.370289
	H	-4.424251	0.891164	-1.443215
	H	1.440645	-4.276749	1.443641
	H	1.600585	-2.772562	2.370255
	H	2.983303	-3.385949	1.443637
	H	-4.423939	-0.890186	1.444263
	H	-4.424251	0.891164	1.443215
	H	-3.201435	0.001258	2.370289
	H	2.983322	3.385879	-1.444264
	H	1.440878	4.276987	-1.44322
	H	1.599994	2.773025	-2.370288
	H	1.440645	-4.276749	-1.443641

4I	H	2.983303	-3.385949	-1.443637
	H	1.600585	-2.772562	-2.370255
	Au	0.000000	0.000000	-2.580902
	Au	0.000000	2.58093	-0.000008
	Au	0.000000	-2.58093	-0.000008
	Au	0.000000	0.000000	2.580959
	P	0.000000	-2.333837	-2.333841
	P	0.000000	2.333837	-2.333841
	P	0.000000	-2.333824	2.333821
	P	0.000000	2.333824	2.333821
	c	-1.445697	-3.1518	-3.151853
	c	-1.445697	3.151839	3.151785
	c	-1.445697	-3.151839	3.151785
	c	-1.445697	3.1518	-3.151853
	c	1.445697	-3.1518	-3.151853
	c	1.445697	3.151839	3.151785
	c	1.445697	-3.151839	3.151785
	c	1.445697	3.1518	-3.151853
	H	-1.432142	-4.229475	-2.970048
	H	-1.432183	-2.969873	-4.229507
	H	-2.369964	-2.741542	-2.741518
	H	-1.432142	2.970033	4.229459
	H	-2.369964	2.741503	2.741527
	H	-1.432182	4.229492	2.969856
	H	-1.432142	-2.970033	4.229459
	H	-1.432182	-4.229492	2.969856
	H	-2.369964	-2.741503	2.741527
	H	-1.432142	4.229475	-2.970048
	H	-2.369964	2.741542	-2.741518
	H	-1.432183	2.969873	-4.229507
	H	1.432142	-4.229475	-2.970048
	H	2.369964	-2.741542	-2.741518
	H	1.432183	-2.969873	-4.229507
	H	1.432142	2.970033	4.229459
	H	1.432182	4.229492	2.969856
	H	2.369964	2.741503	2.741527
	H	1.432142	4.229475	-2.970048
	H	1.432183	2.969873	-4.229507
	H	2.369964	2.741542	-2.741518
	H	1.432142	-2.970033	4.229459

	H	2.369964	-2.741503	2.741527
	H	1.432182	-4.229492	2.969856
5I	Au	-2.654306	-1.979478	0.000000
	Au	-2.702358	1.912729	0.000000
	Au	1.062385	-3.1368	0.000000
	Au	0.984116	3.162455	0.000000
	Au	3.310265	0.041035	0.000000
	P	-3.991265	-0.04958	0.000000
	P	-1.186334	-3.81171	0.000000
	P	-1.280678	3.781119	0.000000
	P	3.199835	2.386239	0.000000
	P	3.258393	-2.306213	0.000000
	c	-1.533418	-4.925703	1.441183
	c	-5.157934	-0.06385	-1.441228
	c	4.210984	-2.979967	-1.441184
	c	-1.655268	4.886204	-1.441155
	c	4.135266	3.083661	1.4412
	c	4.210984	-2.979967	1.441184
	c	4.135266	3.083661	-1.4412
	c	-1.655268	4.886204	1.441155
	c	-1.533418	-4.925703	-1.441183
	c	-5.157934	-0.06385	1.441228
	H	-0.87112	-5.794945	1.423283
	H	-2.572008	-5.265598	1.422787
	H	-1.363366	-4.378372	2.370037
	H	-5.801983	0.818988	-1.423069
	H	-5.780116	-0.96224	-1.423219
	H	-4.584772	-0.056736	-2.370045
	H	5.242307	-2.61861	-1.422923
	H	3.74315	-2.648769	-2.37
	H	4.213358	-4.072763	-1.423199
	H	5.175227	2.74796	1.423203
	H	3.675656	2.741153	2.370023
	H	4.110591	4.176174	1.42305
	H	5.242307	-2.61861	1.422923
	H	4.213358	-4.072763	1.423199
	H	3.74315	-2.648769	2.37
	H	5.175227	2.74796	-1.423203
	H	4.110591	4.176174	-1.42305
	H	3.675656	2.741153	-2.370023

	H	-1.01492	5.771735	1.423079
	H	-1.471419	4.343337	2.370007
	H	-2.702036	5.200012	1.422929
	H	-0.87112	-5.794945	-1.423283
	H	-1.363366	-4.378372	-2.370037
	H	-2.572008	-5.265598	-1.422787
	H	-5.801983	0.818988	1.423069
	H	-4.584772	-0.056736	2.370045
	H	-5.780116	-0.96224	1.423219
	H	-1.01492	5.771735	-1.423079
	H	-2.702036	5.200012	-1.422929
	H	-1.471419	4.343337	-2.370007
6I	Au	1.962251	3.395993	-0.000512
	Au	3.921999	-0.000849	-0.00111
	Au	-1.962251	-3.395993	0.000512
	Au	1.959877	-3.396752	-0.000641
	Au	-3.921999	0.000849	0.00111
	Au	-1.959877	3.396752	0.000641
	P	3.874769	2.23552	0.70957
	P	3.872557	-2.237171	-0.711794
	P	-0.001184	-4.471972	0.711238
	P	-3.874769	-2.23552	-0.70957
	P	0.001184	4.471972	-0.711238
	P	-3.872557	2.237171	0.711794
	c	-0.000549	-4.635693	2.559081
	c	-4.015704	2.320277	2.559456
	c	4.019151	2.318588	2.55713
	c	4.015704	-2.320277	-2.559456
	c	-4.019151	-2.318588	-2.55713
	c	0.000549	4.635693	-2.559081
	c	0.001794	6.245511	-0.16904
	c	-0.001794	-6.245511	0.16904
	c	5.410233	3.12127	0.164377
	c	-5.410233	-3.12127	-0.164377
	c	5.40776	-3.124034	-0.167637
	c	-5.40776	3.124034	0.167637
	H	0.890016	-5.171524	2.897071
	H	-0.891078	-5.171158	2.89775
	H	-0.000174	-3.641508	3.009221
	H	-4.033331	3.359549	2.897169

	H	-3.155634	1.822435	3.010545
	H	-4.925713	1.818164	2.897435
	H	4.033331	-3.359549	-2.897169
	H	4.925713	-1.818164	-2.897435
	H	3.155634	-1.822435	-3.010545
	H	-4.92902	-1.815842	-2.894547
	H	-4.037724	-3.357854	-2.89481
	H	-3.159015	-1.821362	-3.008769
	H	-0.890016	5.171524	-2.897071
	H	0.000174	3.641508	-3.009221
	H	0.891078	5.171158	-2.89775
	H	-0.888837	6.760616	-0.537774
	H	0.892434	6.760161	-0.538383
	H	0.002178	6.289997	0.921535
	H	0.888837	-6.760616	0.537774
	H	-0.002178	-6.289997	-0.921535
	H	-0.892434	-6.760161	0.538383
	H	6.301795	2.607157	0.53225
	H	5.411956	4.150263	0.532738
	H	5.446871	3.142751	-0.926279
	H	-6.301795	-2.607157	-0.53225
	H	-5.446871	-3.142751	0.926279
	H	-5.411956	-4.150263	-0.532738
	H	5.408507	-4.153003	-0.536067
	H	5.445088	-3.145615	0.922994
	H	6.299454	-2.610536	-0.536049
	H	-5.408507	4.153003	0.536067
	H	-6.299454	2.610536	0.536049
	H	-5.445088	3.145615	-0.922994
	H	4.92902	1.815842	2.894547
	H	3.159015	1.821362	3.008769
	H	4.037724	3.357854	2.89481
7I	Au	-0.696398	-4.089225	0.323136
	Au	3.107755	-3.098044	0.445515
	Au	-4.075115	-2.216144	-0.373297
	Au	-4.383546	1.698907	-0.287157
	Au	4.689958	0.279937	-0.825169
	Au	-1.269976	3.992583	0.39954
	Au	2.620357	3.431782	0.31722
	P	1.296995	-4.090046	1.561275

P	-2.683908	-4.024714	-0.922484
P	4.877073	-2.056783	-0.691812
P	-5.399129	-0.362315	0.191645
P	-3.295187	3.725017	-0.755082
P	4.436105	2.612081	-0.923063
P	0.770021	4.196633	1.541294
c	5.051615	-2.775059	-2.393248
c	0.678502	3.314012	3.170473
c	-4.424658	5.155353	-0.410284
c	1.730675	-5.818844	2.07501
c	-3.606508	-5.623665	-0.742104
c	-7.052045	-0.473536	-0.642412
c	4.299405	3.15751	-2.690953
c	6.004879	3.444141	-0.386902
c	6.496663	-2.519216	0.08541
c	1.028863	-3.258782	3.197941
c	1.034204	5.954562	2.071009
c	-3.01609	3.88812	-2.581848
c	-5.869218	-0.438489	1.984673
c	-2.301674	-4.004217	-2.737634
H	1.608945	3.441642	3.729436
H	0.521868	2.24846	2.994242
H	-0.154038	3.694577	3.767527
H	-3.939814	6.099569	-0.670763
H	-4.670966	5.17304	0.652883
H	-5.351894	5.05923	-0.980779
H	-4.511557	-5.616531	-1.354719
H	-3.894532	-5.758763	0.301974
H	-2.97785	-6.466109	-1.041326
H	-7.689109	0.363821	-0.346619
H	-7.550349	-1.411597	-0.385047
H	-6.913593	-0.43928	-1.724533
H	5.914647	4.529445	-0.478846
H	6.84811	3.101836	-0.992086
H	6.204945	3.19972	0.65787
H	7.329035	-2.076013	-0.467024
H	6.616906	-3.605348	0.104605
H	6.524038	-2.148684	1.111692
H	1.939686	-3.294061	3.800955
H	0.216571	-3.742747	3.746001

	H	0.761945	-2.213774	3.031481
	H	1.959346	6.048022	2.645312
	H	0.196915	6.30202	2.681464
	H	1.107778	6.59109	1.187426
	H	-2.549693	4.848637	-2.814836
	H	-3.96162	3.807659	-3.124064
	H	-2.35303	3.089092	-2.91789
	H	-6.522899	0.39736	2.246409
	H	-4.967668	-0.380003	2.596919
	H	-6.381587	-1.377655	2.208003
	H	4.230474	4.246482	-2.752424
	H	3.399085	2.727209	-3.132982
	H	5.165611	2.819925	-3.265625
	H	5.903411	-2.32936	-2.913169
	H	4.146579	-2.568564	-2.967205
	H	5.190184	-3.857843	-2.340399
	H	2.632657	-5.821618	2.692162
	H	1.915942	-6.424237	1.185918
	H	0.909792	-6.269823	2.638227
	H	-3.223323	-4.01776	-3.324904
	H	-1.68948	-4.867311	-3.010911
	H	-1.748376	-3.095047	-2.979035
7II	Au	5.275445	0.000568	0.467405
	Au	2.002334	0.00057	0.515692
	Au	3.655937	-0.002093	-2.309069
	Au	-4.764349	-0.001197	-1.304346
	Au	-2.760984	2.554401	0.349636
	Au	-2.760454	-2.553953	0.353616
	Au	-0.578741	0.001568	1.856967
	P	5.952703	-0.001598	-1.787666
	P	-4.562992	2.330509	-1.138671
	P	3.674729	0.002171	2.189943
	P	1.368175	-0.001453	-1.765387
	P	-4.562474	-2.332601	-1.135061
	P	-0.957827	2.325593	1.836311
	P	-0.957543	-2.322547	1.840197
	c	-4.269767	3.158899	-2.768682
	c	0.493331	-3.383088	1.398241
	c	-1.387797	2.946817	3.529323
	c	-6.106394	-3.15825	-0.532414

c	0.377166	-1.448864	-2.345085
c	3.698641	-1.44128	3.344241
c	6.94082	1.449981	-2.363564
c	6.940828	-1.45428	-2.360762
c	-6.107075	3.156849	-0.537402
c	-1.387882	-2.940832	3.534191
c	3.69858	1.447759	3.341566
c	0.377661	1.445324	-2.347521
c	-4.269249	-3.163457	-2.763815
c	0.492859	3.385449	1.392118
H	-4.129787	4.234451	-2.63367
H	-5.112011	2.989255	-3.444325
H	-3.368759	2.74644	-3.226043
H	-0.553909	2.790239	4.218793
H	-2.255232	2.401064	3.904078
H	-1.630787	4.012284	3.499234
H	-5.947505	-4.233471	-0.416993
H	-6.930713	-2.990581	-1.230316
H	-6.381688	-2.741278	0.437803
H	0.227338	-1.395306	-3.426998
H	-0.594776	-1.476455	-1.845052
H	0.91558	-2.370649	-2.11862
H	2.802391	-1.44597	3.97056
H	4.583774	-1.404976	3.984918
H	3.729392	-2.365436	2.76495
H	7.040687	1.44081	-3.452099
H	7.936363	1.443026	-1.912144
H	6.430991	2.368451	-2.068519
H	-5.948366	4.232274	-0.423652
H	-6.382359	2.741348	0.433449
H	-6.931328	2.987958	-1.235088
H	-0.554196	-2.782903	4.223597
H	-1.630716	-4.006385	3.505933
H	-2.255494	-2.394535	3.907744
H	0.227736	1.389956	-3.429329
H	0.916448	2.367292	-2.122692
H	-0.59424	1.474137	-1.847478
H	-4.129127	-4.238784	-2.627169
H	-3.368326	-2.751586	-3.221873
H	-5.111562	-2.994949	-3.439656

	H	1.299011	3.247704	2.116606
	H	0.206939	4.440385	1.366995
	H	0.862776	3.095152	0.407958
	H	7.040725	-1.447187	-3.44931
	H	6.430982	-2.372181	-2.06398
	H	7.936356	-1.446469	-1.909326
	H	2.802356	1.45354	3.967914
	H	3.72925	2.370856	2.760583
	H	4.583738	1.412689	3.982278
	H	1.299159	-3.244254	2.122887
	H	0.863703	-3.094294	0.413807
	H	0.207418	-4.438059	1.374604
8I	Au	-0.000064	5.302995	-0.003998
	Au	0.000064	-5.302995	-0.003998
	Au	-3.579417	-3.684084	-0.142984
	Au	-3.574639	3.672717	0.142967
	Au	-4.957795	-0.004997	0.004
	Au	3.579417	3.684084	-0.142984
	Au	3.574639	-3.672717	0.142967
	Au	4.957795	0.004997	0.004
	P	-2.180303	5.26458	-0.871755
	P	-2.180303	-5.276729	0.863899
	P	2.180303	-5.26458	-0.871755
	P	2.180303	5.276729	0.863899
	P	-4.926661	2.041523	1.15204
	P	-4.935721	-2.051574	-1.144163
	P	4.935721	2.051574	-1.144163
	P	4.926661	-2.041523	1.15204
	c	-4.423715	-1.789431	-2.90784
	c	4.423715	1.789431	-2.90784
	c	4.404571	-1.778683	2.912655
	c	-4.404571	1.778683	2.912655
	c	-2.131951	-5.014889	2.699901
	c	2.131951	5.014889	2.699901
	c	2.131004	-4.993704	-2.706426
	c	-2.131004	4.993704	-2.706426
	c	2.93948	6.964468	0.737393
	c	-2.93948	-6.964468	0.737393
	c	-2.945063	6.950434	-0.753746
	c	2.945063	-6.950434	-0.753746

c	-6.655138	2.683405	1.355785
c	6.655138	-2.683405	1.355785
c	-6.666097	-2.691485	-1.337626
c	6.666097	2.691485	-1.337626
H	-5.080287	-1.064028	-3.394796
H	-4.455963	-2.731192	-3.461459
H	-3.402317	-1.405875	-2.933156
H	5.080287	1.064028	-3.394796
H	4.455963	2.731192	-3.461459
H	3.402317	1.405875	-2.933156
H	5.059098	-1.053993	3.403414
H	4.432473	-2.72044	3.466516
H	3.383481	-1.393953	2.931947
H	-5.059098	1.053993	3.403414
H	-4.432473	2.72044	3.466516
H	-3.383481	1.393953	2.931947
H	3.140594	5.047258	3.119447
H	1.697849	4.036587	2.913163
H	1.518348	5.780559	3.181246
H	3.139734	-5.020792	-3.126141
H	1.693819	-4.015724	-2.914797
H	1.519805	-5.758893	-3.191579
H	-3.139734	5.020792	-3.126141
H	-1.693819	4.015724	-2.914797
H	-1.519805	5.758893	-3.191579
H	3.937843	6.971144	1.181991
H	2.316483	7.705312	1.24481
H	3.025467	7.244223	-0.314097
H	-3.937843	-6.971144	1.181991
H	-2.316483	-7.705312	1.24481
H	-3.025467	-7.244223	-0.314097
H	-3.943462	6.951579	-1.198312
H	-2.324526	7.69074	-1.264951
H	-3.031908	7.235225	0.296319
H	3.943462	-6.951579	-1.198312
H	2.324526	-7.69074	-1.264951
H	3.031908	-7.235225	0.296319
H	-7.280621	1.947456	1.867216
H	-7.085255	2.881777	0.372458
H	-6.654675	3.613572	1.929547

	H	7.280621	-1.947456	1.867216
	H	7.085255	-2.881777	0.372458
	H	6.654675	-3.613572	1.929547
	H	-7.293745	-1.954849	-1.845405
	H	-7.090609	-2.889279	-0.351752
	H	-6.670113	-3.621698	-1.911303
	H	7.293745	1.954849	-1.845405
	H	7.090609	2.889279	-0.351752
	H	6.670113	3.621698	-1.911303
	H	-3.140594	-5.047258	3.119447
	H	-1.697849	-4.036587	2.913163
	H	-1.518348	-5.780559	3.181246
8II	Au	4.393499	-1.842056	-0.151354
	Au	4.393461	1.842148	-0.151235
	Au	1.035035	-1.842169	1.103662
	Au	1.034987	1.842075	1.103731
	Au	-1.034998	-1.842159	-1.103552
	Au	-4.393539	-1.842053	0.151244
	Au	-1.034951	1.842065	-1.103622
	Au	-4.393502	1.842145	0.151124
	P	5.83707	0.000068	-0.364926
	P	0.056648	-0.000086	2.192874
	P	2.601389	-3.32672	0.173536
	P	2.601311	3.326743	0.173741
	P	-2.601377	-3.326698	-0.173447
	P	-0.056587	-0.000086	-2.192756
	P	-5.837142	0.000068	0.364636
	P	-2.6013	3.326722	-0.173652
	c	1.782455	-0.000122	-2.346286
	c	-7.181716	0.000041	-0.909304
	c	-1.782388	-0.000123	2.346447
	c	7.181802	0.000042	0.908846
	c	-3.009492	-4.738748	-1.300562
	c	2.061471	-4.189101	-1.3721
	c	-2.061464	4.189115	1.372005
	c	3.009475	4.73865	1.301018
	c	-3.009361	4.738697	-1.30088
	c	2.061393	4.189232	-1.371834
	c	3.009606	-4.738703	1.300697
	c	-2.061541	-4.188986	1.37227

c	6.788569	0.000131	-1.953675
c	-0.59082	-0.000117	-3.970858
c	-6.788837	0.000131	1.953267
c	0.590913	-0.000116	3.970966
H	2.124821	0.888931	-2.882947
H	2.124788	-0.889215	-2.882903
H	2.229173	-0.000107	-1.350469
H	-7.807327	0.890662	-0.808804
H	-7.807347	-0.89056	-0.808746
H	-6.733589	0.000003	-1.904343
H	-2.124743	0.888931	2.883115
H	-2.12471	-0.889217	2.883071
H	-2.229127	-0.000108	1.35064
H	-3.802246	-5.357605	-0.872064
H	-2.126953	-5.359834	-1.475828
H	-3.353287	-4.346179	-2.258926
H	1.19882	-4.828796	-1.167623
H	2.872371	-4.796836	-1.782383
H	1.764279	-3.444963	-2.112327
H	-2.872367	4.7969	1.782208
H	-1.198765	4.828761	1.167581
H	-1.764367	3.444981	2.112274
H	2.126942	5.35971	1.476407
H	3.802206	5.357568	0.872563
H	3.353319	4.345957	2.259313
H	-3.802106	5.357609	-0.872444
H	-3.35315	4.346062	-2.25922
H	-2.126802	5.359747	-1.476179
H	1.19872	4.828885	-1.167319
H	1.764234	3.445145	-2.112124
H	2.872282	4.797022	-1.782056
H	2.127091	-5.359798	1.476053
H	3.353456	-4.346077	2.259018
H	3.802345	-5.357566	0.87218
H	-2.872454	-4.796717	1.782533
H	-1.764412	-3.444802	2.112476
H	-1.198864	-4.828673	1.167883
H	7.418051	0.890815	-2.025528
H	6.089433	0.000151	-2.791707
H	7.418072	-0.890533	-2.025587

	H	-0.217281	0.890134	-4.484352
	H	-1.68089	-0.000104	-4.020065
	H	-0.217304	-0.890398	-4.484316
	H	-7.418329	0.890815	2.025042
	H	-6.089806	0.000152	2.791385
	H	-7.418349	-0.890533	2.025101
	H	0.217383	0.890134	4.484468
	H	1.680984	-0.000103	4.020153
	H	0.217406	-0.890398	4.484432
	H	7.807401	0.890663	0.808268
	H	7.807421	-0.890558	0.808209
	H	6.7338	0.000004	1.90394
9I	Au	5.362366	-1.740407	-0.018491
	Au	-0.357224	-1.792076	-1.173715
	Au	1.781621	1.702617	-0.970214
	Au	-3.713906	-3.090899	0.094138
	Au	5.362543	1.739919	0.018208
	Au	-0.356817	1.792362	1.174137
	Au	-3.713408	3.091021	-0.094078
	Au	1.781595	-1.702554	0.970275
	Au	-5.987254	0.000042	-0.000097
	P	0.429092	0.193055	-2.182057
	P	-1.515099	-3.706721	-0.453152
	P	3.447917	3.087303	-0.057223
	P	6.930656	-0.00032	-0.000166
	P	3.447541	-3.087507	0.057014
	P	-1.51472	3.706985	0.453503
	P	0.429442	-0.192846	2.182357
	P	-5.866336	-2.275911	0.5569
	P	-5.86572	2.275926	-0.557237
	c	-6.312941	-2.54824	2.335461
	c	1.349402	-0.24491	-3.736306
	c	-1.53229	-4.973955	-1.808504
	c	1.349915	0.244898	3.736561
	c	3.70444	4.601574	-1.095385
	c	3.022815	-3.810285	-1.594374
	c	-1.53217	4.974175	1.808889
	c	-6.311481	2.547858	-2.336085
	c	8.081667	-0.028239	1.448249
	c	8.081717	0.027494	-1.44854

c	3.023511	3.810307	1.594149
c	3.703825	-4.601937	1.095003
c	-1.052858	-1.062099	2.88406
c	-0.70235	4.638785	-0.925652
c	-7.160423	3.266022	0.325535
c	-7.160721	-3.265695	-0.326695
c	-1.053062	1.062535	-2.883775
c	-0.702884	-4.638425	0.926152
H	-7.321069	-2.179225	2.54043
H	-5.608962	-2.007944	2.970807
H	-6.262603	-3.611064	2.5853
H	1.585886	0.658964	-4.304288
H	0.754054	-0.915646	-4.361825
H	2.285859	-0.742588	-3.478278
H	-2.09651	-5.858272	-1.500991
H	-0.513789	-5.273553	-2.069489
H	-2.005777	-4.548449	-2.694864
H	1.586341	-0.65904	4.304466
H	0.754697	0.915663	4.362172
H	2.286408	0.742486	3.478487
H	4.511393	5.214819	-0.685906
H	2.79127	5.200336	-1.145129
H	3.975936	4.300254	-2.108537
H	2.107749	-4.404358	-1.527231
H	3.836921	-4.440525	-1.962043
H	2.852715	-3.002607	-2.307255
H	-2.096234	5.858554	1.501266
H	-0.513709	5.273669	2.070149
H	-2.00593	4.548678	2.695107
H	8.715437	0.862296	1.454081
H	8.715386	-0.918383	1.420631
H	7.497156	-0.045646	2.369587
H	3.837768	4.440457	1.96164
H	2.853396	3.002719	2.307131
H	2.108527	4.404515	1.527086
H	2.790532	-5.200508	1.144749
H	3.97546	-4.300788	2.108168
H	4.510614	-5.215317	0.6854
H	-0.746165	-1.937424	3.463843
H	-1.704747	-1.386213	2.070138

	H	-1.617319	-0.386427	3.532098
	H	-1.293144	5.517754	-1.196997
	H	-0.61104	3.989827	-1.797273
	H	0.300589	4.95542	-0.629335
	H	-8.159194	2.889225	0.090869
	H	-7.098837	4.319664	0.041548
	H	-7.003367	3.186585	1.402688
	H	-8.159573	-2.888903	-0.092364
	H	-7.099326	-4.319418	-0.042965
	H	-7.00319	-3.185975	-1.403757
	H	-0.746185	1.937781	-3.463579
	H	-1.704928	1.3868	-2.069895
	H	-1.617624	0.386945	-3.531813
	H	-1.293315	-5.517825	1.196906
	H	-0.612482	-3.98969	1.798032
	H	0.300414	-4.954351	0.630318
	H	-7.319546	2.17889	-2.541451
	H	-5.607247	2.007319	-2.970942
	H	-6.260912	3.610609	-2.586183
	H	8.71551	0.917583	-1.420904
	H	7.49724	0.044945	-2.369898
	H	8.715411	-0.863095	-1.454346
9II	Au	1.328439	-4.995553	-0.679054
	Au	4.700645	-2.965265	-0.543024
	Au	-2.545114	-5.194602	-0.013158
	Au	5.934697	0.344352	1.211103
	Au	4.050435	3.582985	-0.021231
	Au	-3.332011	4.766578	-0.302225
	Au	0.557272	5.284637	-0.639796
	Au	-5.218749	-2.372496	0.582223
	Au	-5.479932	1.545931	0.40514
	P	3.056244	-3.963558	-1.886764
	P	-0.409799	-5.995138	0.54088
	P	5.509034	2.628295	1.550238
	P	6.309196	-1.941432	0.82537
	P	-4.659274	-4.339897	-0.568484
	P	-1.452173	6.02662	0.319557
	P	2.561749	4.508425	-1.58144
	P	-5.183297	3.461875	-0.917491
	P	-5.731187	-0.383524	1.71709

c	3.393146	5.879037	-2.515157
c	2.206777	3.285052	-2.929911
c	-1.299206	6.074094	2.167896
c	-1.724717	7.815796	-0.088007
c	-6.724172	4.494579	-0.893708
c	-5.065348	2.990619	-2.707988
c	-4.710514	-0.245869	3.259961
c	-7.453245	-0.466783	2.40179
c	-5.96133	-5.631869	-0.291689
c	-4.775729	-4.064305	-2.399436
c	4.863079	2.900366	3.267913
c	7.106145	3.571118	1.589046
c	6.441714	-2.8428	2.441399
c	8.002888	-2.189908	0.110308
c	2.353536	-2.716833	-3.067099
c	3.837886	-5.187438	-3.041222
c	-0.348618	-7.837943	0.336576
c	-0.107428	-5.801037	2.360921
H	2.723733	6.28526	-3.277554
H	4.305928	5.518046	-2.995644
H	3.657985	6.679915	-1.822526
H	1.552165	3.725858	-3.685964
H	1.707785	2.413206	-2.503367
H	3.134894	2.957043	-3.404645
H	-0.454447	6.699356	2.467606
H	-1.132858	5.062445	2.541991
H	-2.214045	6.466245	2.619307
H	-0.874796	8.418776	0.241325
H	-2.633889	8.185399	0.392856
H	-1.832664	7.928012	-1.16831
H	-7.585156	3.90831	-1.224479
H	-6.61296	5.365875	-1.544028
H	-6.910609	4.842073	0.124027
H	-5.947344	2.422893	-3.014842
H	-4.181505	2.368594	-2.859489
H	-4.97586	3.881454	-3.334795
H	-4.977204	0.655249	3.817888
H	-3.654769	-0.187791	2.989732
H	-4.858993	-1.120613	3.898096
H	-7.684201	0.436776	2.971547

	H	-7.566694	-1.338391	3.051266
	H	-8.165838	-0.550873	1.579345
	H	-6.943569	-5.25851	-0.59209
	H	-5.99635	-5.888132	0.768689
	H	-5.732525	-6.536344	-0.860912
	H	-5.773297	-3.710977	-2.672249
	H	-4.561635	-4.988722	-2.941737
	H	-4.046044	-3.309396	-2.697311
	H	6.923165	4.627707	1.800171
	H	7.597454	3.491061	0.617693
	H	7.774396	3.163595	2.35181
	H	8.763978	-1.757893	0.764936
	H	8.060651	-1.697735	-0.862165
	H	8.209648	-3.254421	-0.025796
	H	3.14736	-2.269292	-3.670429
	H	1.857867	-1.925319	-2.502419
	H	1.61991	-3.184834	-3.728257
	H	4.612917	-4.706504	-3.643247
	H	3.08711	-5.622828	-3.705403
	H	4.296414	-5.990194	-2.461019
	H	-1.125232	-8.317146	0.937963
	H	0.627821	-8.225707	0.637539
	H	-0.515154	-8.091252	-0.711944
	H	-0.886905	-6.307101	2.936091
	H	-0.119422	-4.740285	2.617265
	H	0.866522	-6.214335	2.634724
	H	4.707676	3.965794	3.45508
	H	5.561881	2.503838	4.008866
	H	3.907452	2.385268	3.380027
	H	7.223367	-2.401301	3.064836
	H	6.669308	-3.898649	2.274688
	H	5.491201	-2.772499	2.973162
10I	Au	4.415608	1.349186	1.372516
	Au	0.742489	2.147275	2.184206
	Au	-0.742511	-2.184152	2.147333
	Au	4.415693	-1.349084	-1.37244
	Au	-1.716746	0.000007	-0.000064
	Au	-4.415625	-1.372535	1.349139
	Au	1.716746	-0.000021	-0.000065
	Au	0.742611	-2.147343	-2.184162

Au	-4.415677	1.372441	-1.349111
Au	-0.742588	2.184233	-2.147269
P	2.98271	2.655522	2.700833
P	5.759548	0.000107	0.000023
P	-1.506297	1.654705	1.68182
P	1.506277	-1.681904	1.654633
P	-2.982738	-2.700777	2.655566
P	-1.506199	-1.654684	-1.681944
P	-5.759548	-0.000098	-0.000013
P	2.982867	-2.655539	-2.700727
P	1.506219	1.681845	-1.654771
P	-2.982839	2.700815	-2.655462
c	-2.366927	-3.235421	-1.242689
c	3.340438	-2.42567	-4.506371
c	6.928151	-1.02686	1.009265
c	2.367041	-1.242643	3.235347
c	3.339167	4.464776	2.49961
c	-2.368985	1.191099	3.254568
c	2.368949	3.254591	-1.191232
c	-3.340232	-4.50644	2.425718
c	-3.339342	2.499595	-4.464708
c	-6.928147	1.009112	1.02699
c	-6.928067	-1.009372	-1.027042
c	-3.339269	-2.499535	4.464803
c	-3.340457	4.506448	-2.425569
c	2.36873	-3.254739	1.19088
c	2.366678	1.242406	-3.235604
c	-2.366831	3.235505	1.242415
c	3.340258	2.425662	4.506484
c	6.928062	1.027158	-1.009235
c	3.339438	-4.464767	-2.499474
c	-2.368654	-1.190956	-3.254787
H	-2.290094	-3.952608	-2.064838
H	-3.421358	-3.051325	-1.016014
H	-1.887838	-3.660916	-0.358819
H	7.560513	-1.638082	0.360106
H	6.357783	-1.69025	1.662089
H	7.561336	-0.388367	1.630787
H	3.421467	-1.015963	3.051226
H	2.29023	-2.06479	3.952539

H	1.887956	-0.358775	3.660852
H	2.668471	5.05717	3.127546
H	3.192059	4.758384	1.459423
H	4.374282	4.680457	2.777591
H	-3.423139	0.967136	3.065722
H	-2.293205	2.002251	3.984284
H	-1.890253	0.300998	3.667254
H	2.293092	3.984313	-2.002371
H	3.423125	3.065746	-0.967372
H	1.890304	3.667271	-0.301082
H	-2.668669	3.127538	-5.057121
H	-4.374465	2.777569	-4.680356
H	-3.192237	1.459409	-4.758319
H	-7.561362	1.630623	0.388518
H	-6.357775	1.661946	1.690368
H	-7.560478	0.359935	1.638227
H	-7.560421	-0.360229	-1.63829
H	-7.561261	-1.630918	-0.388583
H	-6.357647	-1.662174	-1.69041
H	-4.374384	-2.777542	4.680446
H	-3.192203	-1.45934	4.758404
H	-2.668579	-3.127445	5.057231
H	-2.6694	5.109208	-3.043164
H	-3.194879	4.783546	-1.380646
H	-4.375374	4.725911	-2.701334
H	3.422836	-3.065977	0.96662
H	1.889729	-3.667435	0.300926
H	2.29311	-3.984408	2.002089
H	2.290025	2.064613	-3.952745
H	1.887286	0.358699	-3.661101
H	3.421056	1.015403	-3.051607
H	-3.421209	3.051469	1.015439
H	-1.887477	3.661027	0.3587
H	-2.290185	3.952644	2.064624
H	2.66919	3.043286	5.109202
H	4.375173	2.701408	4.725983
H	3.194643	1.38075	4.783604
H	7.561287	0.388709	-1.630761
H	7.560386	1.638429	-0.360084
H	6.357639	1.690503	-1.662056

	H	2.668773	-5.057216	-3.12739
	H	3.19237	-4.758366	-1.459279
	H	4.374563	-4.680382	-2.77747
	H	-2.292969	-2.002148	-3.984469
	H	-1.889706	-0.300964	-3.66746
	H	-3.422777	-0.966771	-3.06604
	H	-4.375149	-4.725965	2.701434
	H	-2.669167	-5.109134	3.043369
	H	-3.194576	-4.783564	1.380813
	H	2.669383	-3.043291	-5.109108
	H	4.375357	-2.701411	-4.725854
	H	3.194826	-1.380754	-4.783478
10II	Au	2.006555	-0.761208	-3.011355
	Au	4.071577	-1.989302	0.001557
	Au	-2.006473	-0.761248	-3.011363
	Au	2.006539	-0.756294	3.012479
	Au	1.699784	3.752173	-0.002749
	Au	-2.00648	-0.756508	3.012442
	Au	-1.732331	-0.16228	0.000071
	Au	1.732348	-0.162252	0.000071
	Au	-1.699787	3.752152	-0.002724
	Au	-4.071625	-1.98923	0.001499
	P	3.923687	-1.98589	-2.356792
	P	0.000031	0.291158	-3.703448
	P	3.923534	-1.982251	2.35989
	P	0.000014	-1.780538	0.001347
	P	-0.000035	0.297122	3.702829
	P	3.034696	1.824685	-0.001518
	P	-3.034682	1.824651	-0.001483
	P	-3.92367	-1.982147	2.359833
	P	-0.000011	5.364848	-0.003759
	P	-3.92369	-1.985824	-2.356845
	c	-3.796621	-3.723121	2.990631
	c	-5.476033	-1.431022	-3.206329
	c	0.000036	0.413987	-5.556788
	c	5.476076	-1.431201	-3.206264
	c	3.796165	-3.723224	2.990628
	c	-0.000118	2.078999	3.205033
	c	4.220669	1.866678	1.42059
	c	-4.220638	1.86662	1.420644

c	0.00002	-3.021457	-1.374063
c	-0.000028	6.511241	-1.455479
c	-3.796692	-3.72778	-2.984934
c	0.000018	2.073861	-3.208611
c	-0.000006	6.513118	1.446476
c	-4.220351	1.864587	-1.423909
c	4.220345	1.864627	-1.423955
c	-0.000059	0.423004	5.555963
c	5.475953	-1.426473	3.208596
c	3.79659	-3.727846	-2.984862
c	0.000011	-3.019339	1.378666
c	-5.476028	-1.426072	3.208459
H	-4.675595	-4.300973	2.692769
H	-3.716063	-3.727153	4.08097
H	-2.908659	-4.202514	2.576421
H	-6.322521	-2.045932	-2.889541
H	-5.358989	-1.512801	-4.290324
H	-5.689178	-0.390368	-2.960506
H	-0.890787	0.943506	-5.905161
H	0.000045	-0.588607	-5.988133
H	0.890854	0.943519	-5.905156
H	6.322519	-2.046159	-2.889451
H	5.689284	-0.390558	-2.960461
H	5.359044	-1.512995	-4.29026
H	3.715565	-3.727276	4.080964
H	4.675048	-4.301223	2.692782
H	2.908134	-4.202447	2.576369
H	-0.890616	2.584439	3.588415
H	-0.000121	2.147572	2.11557
H	0.890324	2.584536	3.588418
H	4.908412	1.020457	1.343585
H	3.674515	1.790186	2.36263
H	4.794491	2.797272	1.414255
H	-4.794478	2.797203	1.414317
H	-3.674468	1.790142	2.362676
H	-4.908367	1.020384	1.343657
H	0.889522	-3.652399	-1.285412
H	0.000004	-2.544473	-2.353742
H	-0.889463	-3.652423	-1.285396
H	-4.675682	-4.305144	-2.686173

	H	-2.908742	-4.206556	-2.569984
	H	-3.716138	-3.733506	-4.075266
	H	-0.890454	2.578704	-3.59284
	H	0.890487	2.578719	-3.592826
	H	0.000008	2.144249	-2.119266
	H	-0.890464	7.147078	1.437626
	H	0.890449	7.147082	1.437618
	H	0	5.925818	2.366244
	H	-4.794198	2.795174	-1.419019
	H	-4.908088	1.018455	-1.345862
	H	-3.673987	1.786777	-2.36572
	H	4.908096	1.018508	-1.345898
	H	4.794177	2.795224	-1.419083
	H	3.673973	1.786793	-2.365759
	H	-0.890908	0.95306	5.903452
	H	0.890732	0.953145	5.903471
	H	-0.000015	-0.578878	5.988959
	H	4.675536	-4.305265	-2.68608
	H	3.716052	-3.733581	-4.075195
	H	2.908601	-4.206555	-2.569918
	H	0.889519	-3.650412	1.290998
	H	-0.889463	-3.650452	1.290957
	H	-0.000023	-2.540852	2.35761
	H	-6.3225	-2.041496	2.89263
	H	-5.689202	-0.385808	2.961022
	H	-5.358979	-1.506163	4.29258
	H	-0.890486	7.145212	-1.447435
	H	-0.000035	5.922752	-2.374486
	H	0.890426	7.145218	-1.447453
	H	5.35885	-1.506584	4.29271
	H	5.68932	-0.386238	2.961207
	H	6.322326	-2.042036	2.892774
10III	Au	5.595386	-3.225005	-0.093368
	Au	2.558788	-5.728891	0.089027
	Au	-1.358005	-6.150674	0.141821
	Au	-4.827136	-4.285963	-0.0044
	Au	-6.359734	-0.659859	-0.1348
	Au	-5.476926	3.177759	-0.079865
	Au	-2.589696	5.852712	0.072439
	Au	1.333938	6.206693	0.13114

Au	4.710914	4.183585	0.014683
Au	6.40975	0.630677	-0.135411
P	4.436314	-4.993233	-1.112212
P	-3.378325	-5.834291	-1.010417
P	-6.435722	1.394513	-1.266903
P	-0.674815	6.726305	-0.966166
P	6.062189	2.694985	-1.196498
P	0.669547	-6.435713	1.288948
P	-6.246902	-2.710648	1.001212
P	-4.48896	4.943819	1.109164
P	3.335474	5.651602	1.223704
P	6.722736	-1.437942	0.928568
c	3.949293	-4.528395	-2.840921
c	-4.079081	4.402837	2.835716
c	-5.642359	1.235795	-2.936297
c	-5.750762	-2.436942	2.767729
c	-3.041796	-5.346996	-2.768567
c	0.600569	-5.583041	2.93507
c	6.242695	-1.31732	2.716567
c	5.362199	2.432503	-2.894393
c	2.976539	4.955128	2.905232
c	-0.598235	6.17439	-2.735694
c	5.590358	-6.415273	-1.40879
c	-5.741708	6.278039	1.413096
c	8.534786	-1.818889	1.043872
c	-8.189175	1.804706	-1.713042
c	7.69449	3.4917	-1.574473
c	-7.949552	-3.423382	1.187722
c	4.275407	7.19579	1.640761
c	-4.243211	-7.461762	-1.223427
c	-0.837913	8.565632	-1.145605
c	0.867614	-8.212172	1.785882
H	3.454386	-5.365927	-3.338946
H	4.827201	-4.233323	-3.421132
H	3.256367	-3.685956	-2.806254
H	-3.66602	5.235077	3.411218
H	-3.335917	3.604576	2.796668
H	-4.970752	4.023811	3.341349
H	-5.718358	2.175731	-3.488703
H	-6.118932	0.439842	-3.51402

H	-4.586317	0.990259	-2.811695
H	-6.438639	-1.742572	3.256707
H	-4.746544	-2.010732	2.798309
H	-5.744553	-3.382331	3.316024
H	-3.976837	-5.248742	-3.325786
H	-2.407978	-6.090393	-3.258514
H	-2.525417	-4.385664	-2.783877
H	-0.248591	-5.945241	3.520012
H	0.483286	-4.509098	2.780386
H	1.522796	-5.755255	3.495664
H	6.801922	-0.519369	3.21151
H	6.43468	-2.26257	3.230456
H	5.177336	-1.092102	2.789638
H	6.013754	1.780865	-3.481998
H	5.245886	3.387134	-3.413592
H	4.381804	1.9603	-2.811363
H	3.906009	4.740571	3.438566
H	2.414818	4.025594	2.798037
H	2.379106	5.657131	3.492339
H	0.263829	6.61859	-3.239637
H	-1.510369	6.458363	-3.266549
H	-0.499593	5.088073	-2.770634
H	5.073793	-7.227877	-1.925716
H	5.956571	-6.78967	-0.451185
H	6.446655	-6.096551	-2.008432
H	-5.306217	7.085887	2.006486
H	-6.611218	5.875977	1.939099
H	-6.072574	6.688166	0.457272
H	9.064234	-1.014936	1.561309
H	8.948411	-1.916825	0.038581
H	8.696807	-2.757383	1.579945
H	-8.23274	2.736499	-2.282455
H	-8.775436	1.927153	-0.800578
H	-8.63259	1.001266	-2.306543
H	8.315571	2.826562	-2.179649
H	8.218808	3.703022	-0.640814
H	7.547759	4.431949	-2.111856
H	-8.608143	-2.716412	1.698456
H	-7.915467	-4.356037	1.756388
H	-8.363977	-3.633366	0.20008

	H	5.187646	6.953359	2.191593
	H	3.660767	7.868438	2.244204
	H	4.552255	7.71074	0.719094
	H	-5.162466	-7.335607	-1.800884
	H	-4.501354	-7.865405	-0.242757
	H	-3.59457	-8.177475	-1.734709
	H	0.026812	8.978586	-1.671067
	H	-0.893778	9.022116	-0.155764
	H	-1.746659	8.818732	-1.69743
	H	0.015118	-8.540493	2.385734
	H	1.785572	-8.349476	2.362834
	H	0.923145	-8.834331	0.890835
11I	Au	-4.324884	1.587952	-1.401943
	Au	-4.874172	-0.765995	1.562735
	Au	-2.088493	-0.175964	0.118415
	Au	-0.543597	1.630271	-2.20735
	Au	1.268827	-1.061163	-0.099572
	Au	-0.167765	3.291134	0.398519
	Au	-1.398503	-2.097988	2.56635
	Au	-0.223643	-3.215523	-1.651181
	Au	3.428032	3.710257	0.802505
	Au	3.583076	-3.011581	-1.034309
	Au	5.240933	0.226762	0.890668
	P	-5.953621	0.492269	-0.105192
	P	-2.621093	2.667869	-2.612246
	P	-1.678854	1.782815	1.39159
	P	-3.674651	-2.000124	3.16583
	P	-2.257068	-2.079316	-1.291027
	P	1.40361	0.316779	-2.011481
	P	1.850962	-4.261844	-2.033336
	P	1.567395	4.763022	-0.166406
	P	5.106648	2.397216	1.790002
	P	0.870775	-2.196357	1.935035
	P	5.430462	-1.926667	-0.042313
	c	-2.619095	4.485859	-2.251108
	c	-0.947898	1.399183	3.052073
	c	-2.960753	-1.603092	-2.93931
	c	2.97128	1.294516	-2.080493
	c	1.365734	-3.980029	1.86375
	c	-4.397439	-3.692814	3.393262

c	-7.157613	1.698064	0.624727
c	1.762273	5.099181	-1.976343
c	4.84167	2.306476	3.624042
c	6.815238	-1.901528	-1.280539
c	1.89439	-6.017275	-1.434179
c	-7.065713	-0.567546	-1.144292
c	-3.005004	2.650526	-4.427618
c	-3.892095	-1.281838	4.862632
c	1.975568	-1.570914	3.288444
c	1.580359	-0.670896	-3.570843
c	6.125546	-3.070634	1.246612
c	6.764339	3.221925	1.683104
c	1.279355	6.458906	0.522492
c	-3.23	2.661868	1.899752
c	-3.500333	-3.312494	-0.684657
c	2.156265	-4.514675	-3.845729
H	-1.869158	4.991931	-2.865124
H	-2.368683	4.642325	-1.199791
H	-3.601542	4.920522	-2.45395
H	-0.813427	2.320985	3.625437
H	0.025443	0.928906	2.910742
H	-1.587801	0.712249	3.612293
H	-3.073807	-2.482084	-3.580124
H	-2.281765	-0.896115	-3.420801
H	-3.931339	-1.114177	-2.81443
H	3.830672	0.619302	-2.043047
H	3.032259	1.971839	-1.225816
H	3.015932	1.878895	-3.004206
H	1.233891	-4.452208	2.84133
H	2.408155	-4.079331	1.54641
H	0.727145	-4.48974	1.13996
H	-3.835439	-4.249838	4.147511
H	-4.352211	-4.241068	2.450931
H	-5.443401	-3.622046	3.703289
H	-7.910425	1.174975	1.220291
H	-7.654966	2.268086	-0.164445
H	-6.62407	2.394873	1.273451
H	2.641273	5.720313	-2.166868
H	0.874311	5.608122	-2.360383
H	1.871423	4.152832	-2.507276

H	7.731466	-1.517019	-0.824847
H	6.545425	-1.253232	-2.116384
H	6.999563	-2.907215	-1.666951
H	2.858696	-6.474118	-1.672452
H	1.096895	-6.597712	-1.905656
H	1.755121	-6.04748	-0.353114
H	-7.818399	-1.059399	-0.522616
H	-6.475806	-1.335764	-1.647452
H	-7.567342	0.036815	-1.904647
H	-2.222435	3.168139	-4.988964
H	-3.966282	3.133948	-4.621886
H	-3.057965	1.618217	-4.777954
H	-3.332335	-1.863967	5.599354
H	-4.949636	-1.273018	5.139578
H	-3.522843	-0.254902	4.879013
H	1.811212	-2.135925	4.210125
H	1.764934	-0.518236	3.482948
H	3.023614	-1.65963	2.990176
H	2.489198	-1.278381	-3.519899
H	1.6401	-0.004909	-4.43631
H	0.719534	-1.331954	-3.690574
H	7.052616	-2.664586	1.659522
H	6.324519	-4.055582	0.816481
H	5.406505	-3.186764	2.059929
H	2.130538	7.111049	0.309786
H	1.153088	6.391595	1.604291
H	0.375871	6.899828	0.092966
H	-2.986649	3.521217	2.531167
H	-3.886801	1.980492	2.449723
H	-3.759973	3.013403	1.011651
H	-3.608743	-4.12822	-1.40503
H	-4.472444	-2.839382	-0.518102
H	-3.148603	-3.725578	0.262714
H	3.126738	-4.992243	-4.004912
H	2.150977	-3.554457	-4.362396
H	1.372383	-5.144433	-4.27505
H	5.630936	1.717304	4.097963
H	3.881496	1.828846	3.826856
H	4.831069	3.308221	4.060994
H	7.527439	2.620732	2.184098

11II

H	6.729699	4.213	2.142736
H	7.044158	3.335482	0.634212
Au	1.828004	1.170941	3.257219
Au	-3.37156	2.435991	-1.672649
Au	0.001415	4.28313	-0.597099
Au	1.883002	-0.602455	0.108967
Au	-1.827913	1.172085	3.256758
Au	-1.883491	-0.601156	0.108434
Au	3.373124	2.434865	-1.672436
Au	1.903457	-3.6873	0.515822
Au	-1.904972	-3.686465	0.515808
Au	4.055057	-1.498612	-1.852928
Au	-4.056214	-1.49684	-1.852549
P	3.304043	-0.069762	1.918251
P	-2.347375	4.279329	-0.631119
P	0.000237	2.205973	4.307134
P	2.350197	4.27865	-0.630493
P	-4.452536	0.644717	-2.744528
P	-3.304479	-0.067764	1.917578
P	-0.000798	-3.809914	1.885017
P	-0.000097	-0.742033	-1.309973
P	4.452574	0.642856	-2.744637
P	3.694858	-3.665562	-1.008705
P	-3.696584	-3.663926	-1.008463
c	0.000848	4.045478	4.088042
c	0.000538	0.660009	-2.518455
c	-3.98022	-1.536259	2.821362
c	3.979315	-1.538392	2.822161
c	-3.010258	4.500656	1.086663
c	3.012851	4.499027	1.087485
c	-4.05454	0.64672	-4.5579
c	4.054626	0.645331	-4.558016
c	5.250799	-4.367243	-0.283036
c	-5.252554	-4.365438	-0.282683
c	-0.001172	-5.398742	2.843286
c	-3.371705	-4.854417	-2.393474
c	-6.280098	0.968713	-2.775136
c	-0.000713	-2.544587	3.233822
c	4.862109	0.813045	1.452552
c	6.280391	0.96546	-2.775152

c	3.369513	-4.856209	-2.39346
c	-2.940108	5.830602	-1.461559
c	2.943889	5.82988	-1.460291
c	-0.000069	2.019399	6.149709
c	-4.862258	0.815666	1.452145
c	-0.000481	-2.19828	-2.451816
H	-0.889433	4.487486	4.54317
H	0.001062	4.278759	3.021683
H	0.891285	4.486927	4.543408
H	-0.891662	0.618226	-3.149271
H	0.892845	0.617562	-3.149074
H	0.00083	1.608452	-1.979083
H	-4.629177	-2.11729	2.161273
H	-4.551929	-1.218282	3.69755
H	-3.16054	-2.177621	3.146355
H	4.627982	-2.119785	2.162104
H	3.159432	-2.179394	3.147352
H	4.551233	-1.220486	3.698237
H	-2.602658	5.409233	1.537713
H	-2.723593	3.645789	1.703642
H	-4.101069	4.57151	1.070086
H	4.103709	4.569213	1.071158
H	2.725524	3.64415	1.704138
H	2.605719	5.407715	1.538736
H	-4.614088	-0.139209	-5.071735
H	-2.98824	0.462945	-4.70082
H	-4.30228	1.613896	-5.003006
H	4.613567	-0.141009	-5.071881
H	4.303148	1.612337	-5.003055
H	2.988186	0.462416	-4.700994
H	6.048157	-4.380886	-1.030788
H	5.078161	-5.384938	0.076996
H	5.57551	-3.752842	0.558193
H	-6.050038	-4.378769	-1.030307
H	-5.577008	-3.751163	0.558736
H	-5.080049	-5.383245	0.077098
H	-4.203095	-4.85291	-3.103395
H	-3.234242	-5.865991	-2.002223
H	-2.46255	-4.559832	-2.919991
H	-6.800945	0.172264	-3.312868

	H	-6.491395	1.926705	-3.257629
	H	-6.660353	1.004363	-1.752642
	H	-0.888107	-2.652287	3.86301
	H	-0.000545	-1.54587	2.79295
	H	0.886531	-2.652511	3.863182
	H	5.482907	0.163159	0.828755
	H	5.424217	1.101357	2.345106
	H	4.618143	1.709433	0.879179
	H	4.200789	-4.854996	-3.103516
	H	2.460334	-4.561519	-2.919879
	H	3.231898	-5.86769	-2.002021
	H	-2.5282	6.713021	-0.965007
	H	-4.031658	5.884433	-1.439588
	H	-2.613008	5.833046	-2.502916
	H	4.035461	5.883164	-1.438026
	H	2.532296	6.712339	-0.96355
	H	2.617052	5.832829	-2.501728
	H	-0.890698	2.481277	6.583732
	H	0.89075	2.480687	6.583968
	H	-0.000456	0.95791	6.403527
	H	-5.483327	0.166121	0.828261
	H	-4.618024	1.712097	0.87896
	H	-5.424186	1.103968	2.344814
	H	-0.893527	-2.178364	-3.083823
	H	-0.000841	-3.119637	-1.865386
	H	0.892691	-2.178972	-3.083666
	H	6.800666	0.168688	-3.312957
	H	6.660617	1.000691	-1.752632
	H	6.492443	1.923356	-3.257506
	H	-0.891644	-5.466291	3.474054
	H	0.889181	-5.466638	3.474185
	H	-0.001282	-6.240663	2.148983
12I	Au	-2.61644	3.991164	-0.383162
	Au	0.647768	2.747901	-2.121653
	Au	2.575431	0.000247	0.000013
	Au	-5.620618	1.850125	0.697365
	Au	0.649091	-2.747825	2.1221
	Au	-5.619774	-1.851292	-0.697333
	Au	-2.614368	-3.990849	0.382847
	Au	-0.110133	1.856032	0.669077

Au	5.82796	0.000562	-0.000345
Au	-0.110268	-1.856606	-0.668556
Au	3.560024	-2.757597	-1.446958
Au	3.559978	2.758222	1.446783
P	-4.234713	3.659313	1.287954
P	2.442473	1.221555	-2.030518
P	-1.193376	4.210042	-2.24311
P	2.443407	-1.221077	2.030595
P	-6.899473	-0.000901	0.000076
P	-1.191915	-4.210123	2.243241
P	-4.232924	-3.659689	-1.288146
P	-1.403202	-0.000259	0.000338
P	1.325635	3.478906	1.604459
P	5.772219	1.981838	1.261736
P	5.772135	-1.980713	-1.262423
P	1.325876	-3.478986	-1.604245
c	6.891616	3.270951	0.538541
c	6.892017	-3.269622	-0.539612
c	0.881328	3.847518	3.368091
c	4.011188	-2.125262	2.429251
c	-2.169655	-3.860166	3.781766
c	0.881397	-3.847648	-3.367822
c	-2.55466	0.414616	-1.387689
c	2.277837	0.082814	-3.483611
c	-0.685838	5.969627	-2.537918
c	-3.490273	3.418452	2.968211
c	-8.067993	-0.516984	1.345313
c	-3.489151	-3.418385	-2.968632
c	-5.243207	-5.195808	-1.530964
c	-8.068319	0.514658	-1.345078
c	-5.245871	5.194806	1.531036
c	-2.170664	3.859834	-3.78187
c	4.009947	2.126058	-2.42965
c	2.278964	-0.082352	3.483717
c	-0.684547	-5.969779	2.537906
c	6.527024	1.728239	2.937296
c	1.147303	5.151479	0.829981
c	-2.554711	-0.41499	1.388368
c	1.148311	-5.151671	-0.829838
c	6.526389	-1.726935	-2.938209

H	6.863133	4.184004	1.138963
H	6.563947	3.510445	-0.474562
H	7.919693	2.90214	0.49246
H	6.863528	-4.182666	-1.140049
H	6.564724	-3.509209	0.473591
H	7.920033	-2.900601	-0.493854
H	1.560339	-4.596326	-3.785044
H	0.957724	-2.937836	-3.965366
H	-0.144465	-4.219956	-3.430628
H	-3.212572	-0.432108	-1.602235
H	-1.962357	0.643546	-2.276591
H	-3.168542	1.283901	-1.135009
H	3.106806	-0.630553	-3.512558
H	2.252253	0.65243	-4.4169
H	1.345188	-0.475696	-3.382867
H	-0.067021	6.04186	-3.436144
H	-0.111007	6.338794	-1.687848
H	-1.569297	6.601964	-2.659986
H	-4.265549	3.221962	3.713104
H	-2.931412	4.310715	3.262685
H	-2.800156	2.573532	2.940083
H	-8.702273	-1.341097	1.009079
H	-8.700162	0.321837	1.647505
H	-7.495417	-0.850831	2.212515
H	-2.929731	-4.310249	-3.263242
H	-2.799656	-2.57295	-2.940772
H	-4.264815	-3.222504	-3.713283
H	-4.602784	-6.034371	-1.816613
H	-5.998279	-5.041725	-2.306189
H	-5.748639	-5.447177	-0.59694
H	-8.700112	-0.324451	-1.647256
H	-7.495951	0.848798	-2.212305
H	-8.702967	1.338464	-1.008784
H	-6.00063	5.040259	2.306472
H	-5.751729	5.44584	0.597152
H	-4.605898	6.033777	1.816493
H	-1.537597	3.96038	-4.667458
H	-3.015313	4.549066	-3.863997
H	-2.557582	2.840361	-3.743684
H	4.862846	1.440703	-2.431219

	H	4.180748	2.889255	-1.667488
	H	3.9305	2.613457	-3.405508
	H	-1.568083	-6.602084	2.659593
	H	-0.066022	-6.042187	3.436319
	H	-0.109469	-6.33884	1.68796
	H	6.511455	2.659804	3.509089
	H	7.559397	1.381061	2.844135
	H	5.956829	0.976123	3.485755
	H	1.782629	5.88057	1.34058
	H	0.105334	5.481523	0.873523
	H	1.453774	5.088928	-0.215845
	H	-3.168703	-1.284196	1.135678
	H	-3.212517	0.431815	1.602918
	H	-1.962441	-0.643984	2.277272
	H	1.78383	-5.880489	-1.340586
	H	0.106461	-5.48211	-0.873224
	H	1.454943	-5.089064	0.215939
	H	6.510842	-2.6585	-3.510001
	H	7.558717	-1.37954	-2.845358
	H	5.955869	-0.974937	-3.486493
	H	3.932126	-2.612678	3.405132
	H	4.863963	-1.439751	2.430561
	H	4.181895	-2.888426	1.667035
	H	1.560065	4.596477	3.785143
	H	0.9581	2.937777	3.965685
	H	-0.144663	4.219448	3.431053
	H	2.253813	-0.651951	4.417027
	H	1.346145	0.475926	3.38326
	H	3.107765	0.63122	3.512382
	H	-3.014345	-4.549394	3.8635
	H	-2.556534	-2.840676	3.743664
	H	-1.536855	-3.960905	4.667524
12II	Au	0.000000	0.000000	-5.79554
	Au	-0.021245	3.278554	-3.69475
	Au	0.021245	-3.278554	-3.69475
	Au	0.000000	3.215426	0.331333
	Au	0.000000	-3.215426	0.331333
	Au	0.000000	0.000000	2.585497
	Au	0.000000	0.000000	-2.587952
	Au	2.900686	-1.382599	-0.33255

Au	-2.900686	1.382599	-0.33255
Au	2.946423	-1.430975	3.695876
Au	-2.946423	1.430975	3.695876
Au	0.000000	0.000000	5.800808
P	2.319037	-0.250964	-2.314896
P	-2.319037	0.250964	-2.314896
P	-3.717174	2.322414	1.66245
P	3.717174	-2.322414	1.66245
P	2.249688	-0.660537	5.799567
P	-2.249688	0.660537	5.799567
P	0.378492	2.314221	-5.796079
P	-0.378492	-2.314221	-5.796079
P	0.497342	-4.358897	-1.662454
P	-0.497342	4.358897	-1.662454
P	0.775298	2.199806	2.310473
P	-0.775298	-2.199806	2.310473
c	0.439121	5.963896	-1.641766
c	-5.568981	2.166757	1.64277
c	5.568981	-2.166757	1.64277
c	-0.439121	-5.963896	-1.641766
c	2.630464	2.215237	2.250059
c	3.132471	1.41646	-2.2633
c	-3.132471	-1.41646	-2.2633
c	-2.630464	-2.215237	2.250059
c	0.68452	-3.137916	-7.073813
c	-0.68452	3.137916	-7.073813
c	-2.532301	1.979214	7.073257
c	2.532301	-1.979214	7.073257
c	-3.344954	-0.69998	6.425353
c	3.344954	0.69998	6.425353
c	3.5153	-4.165122	1.724367
c	3.166526	-1.039298	-3.762881
c	-3.166526	1.039298	-3.762881
c	-3.5153	4.165122	1.724367
c	2.080582	2.711095	-6.418698
c	-2.080582	-2.711095	-6.418698
c	2.248106	-4.968378	-1.725147
c	-0.435609	-3.304123	3.760299
c	0.435609	3.304123	3.760299
c	-2.248106	4.968378	-1.725147

H	0.182843	6.545654	-0.752209
H	0.211486	6.553397	-2.533897
H	1.51109	5.758815	-1.624603
H	-6.002843	2.625516	2.535258
H	-5.844763	1.110757	1.625411
H	-5.984502	2.64858	0.753593
H	6.002843	-2.625516	2.535258
H	5.844763	-1.110757	1.625411
H	5.984502	-2.64858	0.753593
H	3.046567	1.795287	3.169711
H	3.005279	3.233653	2.114349
H	2.96587	1.598523	1.414179
H	4.213626	1.316703	-2.132155
H	2.723865	1.986815	-1.427203
H	2.928085	1.96994	-3.183812
H	-4.213626	-1.316703	-2.132155
H	-2.723865	-1.986815	-1.427203
H	-2.928085	-1.96994	-3.183812
H	0.491204	-4.213604	-7.099121
H	1.735602	-2.979351	-6.82602
H	0.49253	-2.71428	-8.063097
H	-0.491204	4.213604	-7.099121
H	-1.735602	2.979351	-6.82602
H	-0.49253	2.71428	-8.063097
H	-2.233558	1.625806	8.063643
H	-3.585687	2.270577	7.097652
H	-1.934402	2.857365	6.822883
H	2.233558	-1.625806	8.063643
H	3.585687	-2.270577	7.097652
H	1.934402	-2.857365	6.822883
H	-3.040033	-1.003587	7.430234
H	-3.271187	-1.565723	5.765006
H	-4.38704	-0.370917	6.451029
H	3.040033	1.003587	7.430234
H	3.271187	1.565723	5.765006
H	4.38704	0.370917	6.451029
H	3.932675	-4.564596	2.652295
H	4.022151	-4.63148	0.876003
H	2.4524	-4.412214	1.67661
H	4.247706	-1.077703	-3.60293

	H	2.953504	-0.480528	-4.678851
	H	2.790271	-2.057121	-3.886962
	H	-4.247706	1.077703	-3.60293
	H	-2.953504	0.480528	-4.678851
	H	-2.790271	2.057121	-3.886962
	H	-3.932675	4.564596	2.652295
	H	-4.022151	4.63148	0.876003
	H	-2.4524	4.412214	1.67661
	H	2.235552	3.792811	-6.44602
	H	2.224155	2.302924	-7.422557
	H	2.827634	2.27076	-5.756132
	H	-2.235552	-3.792811	-6.44602
	H	-2.224155	-2.302924	-7.422557
	H	-2.827634	-2.27076	-5.756132
	H	-0.854729	-2.872517	4.673896
	H	0.644546	-3.400707	3.890954
	H	-0.86368	-4.297244	3.597554
	H	0.854729	2.872517	4.673896
	H	-0.644546	3.400707	3.890954
	H	0.86368	4.297244	3.597554
	H	-2.452067	5.625427	-0.876143
	H	-2.928286	4.1149	-1.678889
	H	-2.42866	5.518122	-2.652525
	H	-0.182843	-6.545654	-0.752209
	H	-0.211486	-6.553397	-2.533897
	H	-1.51109	-5.758815	-1.624603
	H	-3.046567	-1.795287	3.169711
	H	-3.005279	-3.233653	2.114349
	H	-2.96587	-1.598523	1.414179
	H	2.452067	-5.625427	-0.876143
	H	2.928286	-4.1149	-1.678889
	H	2.42866	-5.518122	-2.652525
12III	Au	-3.816581	6.605442	-0.049026
	Au	0.000236	7.601269	-0.00255
	Au	3.817322	6.606506	0.046482
	Au	6.605606	3.816411	0.049005
	Au	7.601672	-0.000299	0.002558
	Au	6.606888	-3.817352	-0.046479
	Au	3.816581	-6.605442	-0.049026
	Au	-0.000236	-7.601269	-0.00255

Au	-3.817322	-6.606506	0.046482
Au	-6.605606	-3.816411	0.049005
Au	-7.601672	0.000299	0.002558
Au	-6.606888	3.817352	-0.046479
P	-2.02071	7.589183	-1.196522
P	5.602584	5.601291	-1.099054
P	7.593071	-2.021234	-1.191483
P	2.02071	-7.589183	-1.196522
P	-5.602584	-5.601291	-1.099054
P	-7.593071	2.021234	-1.191483
P	-5.601563	5.602578	1.099011
P	2.021165	7.592597	1.1915
P	7.589489	2.020642	1.196538
P	5.601563	-5.602578	1.099011
P	-2.021165	-7.592597	1.1915
P	-7.589489	-2.020642	1.196538
c	1.787196	6.777151	2.841324
c	-1.786666	6.769843	-2.844395
c	-5.053155	5.055301	2.784679
c	-6.777727	1.787296	-2.841361
c	-6.770122	-1.786547	2.844391
c	-5.055292	-5.052811	-2.784693
c	-1.787196	-6.777151	2.841324
c	1.786666	-6.769843	-2.844395
c	5.053155	-5.055301	2.784679
c	6.777727	-1.787296	-2.841361
c	6.770122	1.786547	2.844391
c	5.055292	5.052811	-2.784693
c	9.326345	-2.46671	-1.681137
c	-9.326345	2.46671	-1.681137
c	9.321405	2.466644	1.690489
c	-9.321405	-2.466644	1.690489
c	6.882523	6.880058	-1.510105
c	-6.882523	-6.880058	-1.510105
c	2.466604	9.325841	1.681295
c	-2.466604	-9.325841	1.681295
c	-2.466604	9.321147	-1.690418
c	2.466604	-9.321147	-1.690418
c	6.880223	-6.882634	1.510024
c	-6.880223	6.882634	1.510024

H	2.710845	6.817508	3.424114
H	1.51634	5.730604	2.691508
H	0.986821	7.266926	3.40162
H	-0.986526	7.258519	-3.405979
H	-2.710411	6.808472	-3.427153
H	-1.515449	5.723754	-2.692061
H	-5.892981	4.635885	3.34432
H	-4.63262	5.895341	3.343163
H	-4.285152	4.286651	2.682629
H	-6.818112	2.710959	-3.424124
H	-7.267537	0.986938	-3.401648
H	-5.731172	1.51643	-2.69161
H	-7.258834	-0.986436	3.405986
H	-5.724054	-1.515267	2.692034
H	-6.808682	-2.710294	3.427151
H	-5.895342	-4.632339	-3.343205
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H	-1.51634	-5.730604	2.691508
H	-0.986821	-7.266926	3.40162
H	0.986526	-7.258519	-3.405979
H	2.710411	-6.808472	-3.427153
H	1.515449	-5.723754	-2.692061
H	4.63262	-5.895341	3.343163
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H	5.892981	-4.635885	3.34432
H	6.818112	-2.710959	-3.424124
H	7.267537	-0.986938	-3.401648
H	5.731172	-1.51643	-2.69161
H	7.258834	0.986436	3.405986
H	5.724054	1.515267	2.692034
H	6.808682	2.710294	3.427151
H	5.895342	4.632339	-3.343205
H	4.635781	5.892595	-3.344326
H	4.286709	4.284745	-2.6826
H	9.333315	-3.381357	-2.279244
H	9.924472	-2.633641	-0.783548
H	9.782252	-1.65812	-2.257928
H	-9.333315	3.381357	-2.279244

	H	-9.924472	2.633641	-0.783548
	H	-9.782252	1.65812	-2.257928
	H	9.776136	1.658205	2.268421
	H	9.326627	3.381299	2.288599
	H	9.921697	2.63374	0.794381
	H	-9.776136	-1.658205	2.268421
	H	-9.326627	-3.381299	2.288599
	H	-9.921697	-2.63374	0.794381
	H	7.698059	6.435733	-2.086157
	H	7.293232	7.291273	-0.586258
	H	6.43921	7.695403	-2.087207
	H	-7.698059	-6.435733	-2.086157
	H	-7.293232	-7.291273	-0.586258
	H	-6.43921	-7.695403	-2.087207
	H	3.381251	9.332785	2.279404
	H	1.658001	9.781675	2.258125
	H	2.633518	9.924049	0.783758
	H	-3.381251	-9.332785	2.279404
	H	-1.658001	-9.781675	2.258125
	H	-2.633518	-9.924049	0.783758
	H	-1.658136	9.775848	-2.268333
	H	-2.633662	9.921416	-0.794287
	H	-3.381259	9.32645	-2.288528
	H	1.658136	-9.775848	-2.268333
	H	2.633662	-9.921416	-0.794287
	H	3.381259	-9.32645	-2.288528
	H	6.435832	-7.698128	2.086085
	H	7.695623	-6.439398	2.08711
	H	7.291379	-7.29338	0.586168
	H	-7.695623	6.439398	2.08711
	H	-7.291379	7.29338	0.586168
	H	-6.435832	7.698128	2.086085
13I	Au	1.757808	-4.003751	-0.545787
	Au	-0.466433	-1.912233	0.461109
	Au	1.757805	4.003908	0.546272
	Au	5.242372	3.247792	-0.950172
	Au	5.242455	-3.247656	0.950246
	Au	-1.229853	2.412101	2.430553
	Au	-1.229584	-2.412103	-2.430574
	Au	-3.181511	-0.000046	-0.000074

Au	7.352487	-0.0001	-0.00022
Au	-0.466571	1.912264	-0.461035
Au	-4.214754	-2.856061	1.07284
Au	-6.526145	-0.000128	-0.000141
Au	-4.214835	2.855991	-1.072926
P	3.142009	4.223033	-1.339646
P	0.6129	-3.865977	-2.601294
P	3.141993	-4.222497	1.340184
P	-1.982566	-3.599046	1.14426
P	0.851314	0.000029	-0.000158
P	0.612623	3.865937	2.601596
P	7.3424	2.293026	-0.506982
P	-6.446079	-2.122412	0.997076
P	-3.045841	-0.932915	-2.177762
P	-3.046038	0.932832	2.177623
P	7.342515	-2.293224	0.506522
P	-1.982694	3.599117	-1.144137
P	-6.446111	2.12216	-0.997351
c	-7.533941	-3.332067	0.108252
c	2.030211	-0.291665	-1.399289
c	1.77363	3.341476	3.950363
c	2.410107	3.588094	-2.91932
c	8.166898	3.231586	0.865469
c	8.166518	-3.231847	-0.866177
c	2.410277	-3.587089	2.919752
c	1.774143	-3.341725	-3.94994
c	-1.849162	-5.1479	0.136911
c	-2.901116	-0.378421	3.478714
c	-7.534129	3.33175	-0.108626
c	-1.611596	4.256261	-2.839696
c	-4.603979	-1.79976	-2.683186
c	0.116794	5.548643	3.205659
c	3.374316	-6.022161	1.731122
c	0.117118	-5.548732	-3.205265
c	-7.203951	-2.104934	2.689889
c	-1.611504	-4.256111	2.839856
c	-4.604284	1.799537	2.682947
c	-7.203842	2.104629	-2.690228
c	-2.900974	0.3784	-3.478794
c	8.488652	2.618535	-1.929255

c	8.489129	-2.618852	1.928471
c	3.374491	6.022773	-1.73012
c	-1.849382	5.147942	-0.136731
c	2.030706	0.291722	1.398554
H	2.721859	0.549891	-1.49293
H	1.465304	-0.397198	-2.327618
H	2.60547	-1.205784	-1.225586
H	1.247921	3.295746	4.907869
H	2.60469	4.047277	4.030533
H	2.178736	2.353995	3.726863
H	9.172948	2.844601	1.046043
H	7.582433	3.122004	1.780699
H	8.230543	4.294424	0.618915
H	9.172555	-2.844965	-1.047045
H	7.581795	-3.122192	-1.781234
H	8.230126	-4.294695	-0.619658
H	3.131459	-3.670432	3.736794
H	1.513049	-4.153544	3.177546
H	2.1284	-2.54067	2.798543
H	1.248596	-3.29616	-4.907545
H	2.605217	-4.047538	-4.029848
H	2.179203	-2.354203	-3.726542
H	-2.523715	-5.915236	0.527067
H	-0.821087	-5.522673	0.149758
H	-2.129593	-4.924301	-0.89421
H	-3.737681	-1.080795	3.416789
H	-2.874962	0.072632	4.474718
H	-1.973124	-0.929331	3.314768
H	-7.486636	4.31366	-0.586675
H	-7.197694	3.431456	0.924813
H	-8.570256	2.983166	-0.104282
H	-2.362226	4.995851	-3.130789
H	-1.623286	3.443125	-3.56711
H	-0.62544	4.726633	-2.856043
H	-5.463495	-1.127832	-2.600838
H	-4.766289	-2.651176	-2.01892
H	-4.522148	-2.163811	-3.71122
H	-0.384567	5.471587	4.174088
H	-0.567592	6.013131	2.49488
H	0.997649	6.188137	3.308167

H	4.033287	-6.146875	2.594255
H	3.82461	-6.523697	0.872802
H	2.412557	-6.495864	1.945135
H	-2.362057	-4.995792	3.130917
H	-1.623349	-3.44296	3.567252
H	-0.625289	-4.726357	2.856274
H	-5.463724	1.127516	2.600565
H	-4.766646	2.650921	2.018652
H	-4.522547	2.163619	3.710978
H	-7.163683	3.100989	-3.138119
H	-8.244858	1.774613	-2.641253
H	-6.65155	1.414568	-3.330844
H	-3.737646	1.08065	-3.416922
H	-2.874647	-0.072596	-4.47482
H	-1.973082	0.929441	-3.314718
H	9.490397	2.239791	-1.711105
H	8.547636	3.690022	-2.136638
H	8.112331	2.112822	-2.820351
H	9.49085	-2.240202	1.710048
H	8.548067	-3.690345	2.13583
H	8.1131	-2.113108	2.819673
H	4.033395	6.147649	-2.593281
H	3.824916	6.524033	-0.871708
H	2.412759	6.496629	-1.943917
H	-2.523895	5.915291	-0.526929
H	-0.821304	5.522711	-0.149482
H	-2.129902	4.924322	0.894361
H	2.605844	1.205892	1.224721
H	2.72244	-0.5498	1.491875
H	1.466136	0.397148	2.327099
H	-8.24498	-1.774973	2.640832
H	-6.651748	-1.414846	3.330555
H	-7.163774	-3.101294	3.137778
H	-8.57009	-2.983553	0.10383
H	-7.486421	-4.31398	0.586292
H	-7.197416	-3.431737	-0.92516
H	3.13135	3.671182	-3.736331
H	1.513148	4.154984	-3.177101
H	2.127738	2.541797	-2.798197
H	-0.384094	-5.471765	-4.173778

13II

H	-0.567386	-6.013135	-2.494543
H	0.997975	-6.188255	-3.307573
Au	2.134613	-4.013611	-0.151532
Au	-2.13446	-4.013848	-0.151886
Au	2.134472	4.01433	-0.151425
Au	5.541289	1.974425	-1.045371
Au	5.541504	-1.974	-1.04558
Au	1.939573	-0.000576	3.574256
Au	3.291557	-0.000282	-0.171996
Au	-3.291629	-0.000106	-0.171977
Au	-1.939543	-0.000381	3.574264
Au	-0.000046	-0.000066	-2.289326
Au	-5.541436	-1.973991	-1.045545
Au	-2.134531	4.013812	-0.151019
Au	-5.541401	1.974372	-1.045398
P	0.00001	-4.148014	0.850641
P	4.371538	4.017198	-0.881829
P	3.804404	-0.000362	2.138043
P	4.371669	-4.01671	-0.882
P	0.000021	-0.000631	4.904685
P	6.804148	0.00029	-1.281527
P	-4.371603	-4.016731	-0.882096
P	0.00005	4.147772	0.851277
P	-2.33929	0.000046	-2.333119
P	2.339192	-0.000076	-2.333125
P	-3.804394	-0.000105	2.138083
P	-6.804195	0.000204	-1.28161
P	-4.37153	4.017044	-0.881627
c	-4.530664	-4.931199	-2.490628
c	-8.241316	0.000205	-0.107852
c	-0.000237	-2.920797	2.238834
c	4.530377	-4.931273	-2.490508
c	8.241294	0.00031	-0.107801
c	4.530502	4.931594	-2.490411
c	4.883232	1.441182	2.583959
c	-0.000112	-1.438177	6.076907
c	0.000413	2.919573	2.238599
c	-4.883121	1.44153	2.583942
c	2.886414	1.434542	-3.36971
c	-4.530077	4.931675	-2.490114

c	-2.886614	-1.434292	-3.370031
c	-7.673572	0.000321	-2.920822
c	-5.320062	-5.140702	0.253183
c	-0.000027	-5.754845	1.789962
c	5.320287	-5.14068	0.253147
c	7.673518	0.000487	-2.920747
c	5.320219	5.1411	0.253332
c	-0.000102	5.753928	1.791742
c	-5.320182	5.141009	0.253491
c	2.886401	-1.434503	-3.369979
c	-2.886316	1.434752	-3.36968
c	-4.883602	-1.441369	2.583975
c	0.000103	1.436801	6.077052
c	4.88353	-1.441704	2.583876
H	-5.583496	-5.03751	-2.764725
H	-4.078266	-5.922991	-2.410338
H	-4.020047	-4.379875	-3.281669
H	-8.85643	0.891356	-0.257833
H	-7.87695	0.000086	0.921013
H	-8.856551	-0.890836	-0.257992
H	5.58331	5.037812	-2.764632
H	4.078187	5.923423	-2.410118
H	4.019751	4.380267	-3.281365
H	5.785394	1.456001	1.965997
H	5.164765	1.398772	3.639796
H	4.329489	2.364811	2.404683
H	-0.890723	-1.417116	6.710433
H	0.890498	-1.417289	6.71044
H	-0.000201	-2.369565	5.50832
H	-5.16459	1.399245	3.639802
H	-5.78532	1.456345	1.966033
H	-4.329331	2.365107	2.404536
H	2.434334	1.372952	-4.363714
H	3.97625	1.455599	-3.46598
H	2.556945	2.359225	-2.892058
H	-2.434589	-1.372471	-4.364046
H	-3.976457	-1.455303	-3.466244
H	-2.557133	-2.359097	-2.892625
H	-8.298134	0.891796	-3.022423
H	-8.298202	-0.891095	-3.022538

H	-6.935436	0.000346	-3.724915
H	-6.355184	-5.23713	-0.084655
H	-5.32203	-4.725645	1.262625
H	-4.858891	-6.131252	0.285255
H	-0.890608	-5.830237	2.419343
H	0.890381	-5.830156	2.419599
H	0.000111	-6.590578	1.087439
H	6.355338	-5.237171	-0.084888
H	4.859076	-6.131207	0.285348
H	5.322469	-4.725582	1.262571
H	8.29817	-0.890911	-3.022487
H	8.298062	0.89198	-3.022321
H	6.935386	0.000518	-3.724843
H	6.355313	5.237423	-0.08462
H	5.322255	4.726042	1.262774
H	4.859148	6.131693	0.285452
H	-0.890515	5.828666	2.42144
H	-0.000357	6.590168	1.089823
H	0.890474	5.828986	2.421172
H	-6.35521	5.237548	-0.084602
H	-4.858934	6.131517	0.285743
H	-5.322438	4.725886	1.262905
H	-5.165172	-1.398874	3.639799
H	-4.330076	-2.365136	2.404744
H	-5.785736	-1.455974	1.96597
H	-0.89053	1.415843	6.710551
H	0.0002	2.368243	5.508553
H	0.89069	1.415694	6.710609
H	5.785708	-1.456289	1.96593
H	4.32998	-2.365434	2.404525
H	5.16503	-1.399309	3.639722
H	8.856525	-0.890733	-0.257945
H	7.876964	0.000214	0.921078
H	8.856402	0.891458	-0.257822
H	2.434391	-1.37268	-4.364001
H	2.556835	-2.359264	-2.892543
H	3.976243	-1.455612	-3.466178
H	-2.434251	1.373102	-4.363688
H	-2.556683	2.35937	-2.892017
H	-3.976151	1.455994	-3.465942

H	-0.891967	3.039363	2.858475
H	0.892872	3.039646	2.858305
H	0.000526	1.909076	1.827739
H	-0.892727	-3.041205	2.85843
H	-0.000231	-1.910016	1.828666
H	0.892118	-3.041124	2.858642
H	5.583153	-5.037628	-2.764801
H	4.019615	-4.379995	-3.281487
H	4.077972	-5.923048	-2.410055
H	-5.582828	5.038102	-2.764477
H	-4.019294	4.380393	-3.281075
H	-4.077621	5.923421	-2.409595

L = PH₂

1i	Au	0.02034	-0.407878	0.000000
	P	0.02034	1.877775	0.000000
	H	-0.955958	2.027863	1.029509
	H	-0.955958	2.027863	-1.029509
2i	Au	2.41051	-0.190103	0.000013
	Au	-1.666888	0.071414	-0.000123
	P	0.468668	0.991692	0.000177
	P	-3.895099	-0.647287	0.000287
	H	0.692359	1.897961	-1.060632
	H	0.692231	1.897395	1.061497
	H	-4.366943	0.207418	1.037941
	H	-4.367335	0.207604	-1.037039
2ii	Au	1.437812	0.000000	0.000000
	Au	-1.437812	0.000000	0.000000
	P	0.000000	1.943328	0.000000
	P	0.000000	-1.943328	0.000000
	H	0.000000	-2.855828	1.076962
	H	0.000000	-2.855828	-1.076962
	H	0.000000	2.855828	1.076962
	H	0.000000	2.855828	-1.076962
3i	Au	0.000000	1.88534	0.000000
	Au	1.632753	-0.94267	0.000000
	Au	-1.632753	-0.94267	0.000000
	P	2.273369	1.31253	0.000000
	P	-2.273369	1.31253	0.000000

4i	P	0.000000	-2.625061	0.000000
	H	3.055514	1.764102	1.080891
	H	-3.055514	1.764102	-1.080891
	H	0.000000	-3.528204	1.080891
	H	0.000000	-3.528204	-1.080891
	H	-3.055514	1.764102	1.080891
	H	3.055514	1.764102	-1.080891
	Au	0.000000	2.605883	0.000000
	Au	2.605883	0.000000	0.000000
	Au	-2.605883	0.000000	0.000000
	Au	0.000000	-2.605883	0.000000
	P	-2.316052	2.316052	0.000000
	P	2.316052	2.316052	0.000000
	P	-2.316052	-2.316052	0.000000
	P	2.316052	-2.316052	0.000000
5i	H	-2.962944	2.962944	1.073048
	H	2.962944	-2.962944	1.073048
	H	-2.962944	-2.962944	1.073048
	H	2.962944	2.962944	1.073048
	H	-2.962944	2.962944	-1.073048
	H	2.962944	-2.962944	-1.073048
	H	-2.962944	-2.962944	-1.073048
	H	2.962944	2.962944	-1.073048
	Au	0.000000	3.337445	0.000000
	Au	3.174098	1.031327	0.000000
	Au	-3.174098	1.031327	0.000000
	Au	1.961701	-2.700049	0.000000
	Au	-1.961701	-2.700049	0.000000
	P	2.330195	3.207238	0.000000
	P	-2.330195	3.207238	0.000000
	P	3.770334	-1.225056	0.000000
	P	0.000000	-3.964364	0.000000
	P	-3.770334	-1.225056	0.000000
	H	-2.872623	3.953827	1.067549
	H	2.872623	3.953827	-1.067549
	H	-4.648002	-1.510227	-1.067549
	H	4.648002	-1.510227	-1.067549
	H	0.000000	-4.887199	1.067549
	H	-4.648002	-1.510227	1.067549
	H	0.000000	-4.887199	-1.067549

6i	H	4.648002	-1.510227	1.067549
	H	-2.872623	3.953827	-1.067549
	H	2.872623	3.953827	1.067549
	Au	2.022662	3.503354	0.000000
	Au	4.045325	0.000000	0.000000
	Au	-2.022662	-3.503354	0.000000
	Au	2.022662	-3.503354	0.000000
	Au	-4.045325	0.000000	0.000000
	Au	-2.022662	3.503354	0.000000
	P	4.007733	2.313866	0.304047
	P	4.007733	-2.313866	-0.304047
	P	0.000000	-4.627731	0.304047
	P	-4.007733	-2.313866	-0.304047
	P	0.000000	4.627731	-0.304047
	P	-4.007733	2.313866	0.304047
	H	0.000000	-5.234324	1.578897
	H	-4.533058	2.617162	1.578897
	H	4.533058	2.617162	1.578897
	H	4.533058	-2.617162	-1.578897
	H	-4.533058	-2.617162	-1.578897
	H	0.000000	5.234324	-1.578897
	H	0.000000	5.807387	0.471287
	H	0.000000	-5.807387	-0.471287
	H	5.029345	2.903694	-0.471287
	H	-5.029345	-2.903694	0.471287
	H	5.029345	-2.903694	0.471287
	H	-5.029345	2.903694	-0.471287
7i	Au	4.69933	-0.70599	-0.586195
	Au	3.482815	3.061673	0.36116
	Au	2.322359	-3.919177	0.168616
	Au	-0.317179	4.481444	0.182548
	Au	-1.720881	-4.194753	0.290228
	Au	-3.895089	2.633686	-0.265706
	Au	-4.575719	-1.357446	-0.150332
	P	4.247425	-2.989181	-0.766957
	P	5.120052	1.58278	-0.400376
	P	1.821332	4.516825	1.115696
	P	0.378485	-4.815735	1.097689
	P	-2.454587	4.404545	-0.75033
	P	-3.804289	-3.528328	-0.522083

	P	-5.293355	0.831115	0.225613
	H	4.315208	-3.353987	-2.129289
	H	1.71039	4.389408	2.517497
	H	-2.349379	4.536172	-2.152153
	H	0.407453	-4.618001	2.495415
	H	-3.867961	-3.804192	-1.90531
	H	-5.732321	0.944279	1.562784
	H	6.294181	1.767325	0.361561
	H	0.475172	-6.224019	1.099655
	H	-4.785671	-4.449117	-0.095944
	H	-6.541401	1.025727	-0.404574
	H	-3.11627	5.624125	-0.490652
	H	5.373318	-3.71331	-0.318683
	H	2.317784	5.837851	1.081161
	H	5.618288	2.051831	-1.635386
7ii	Au	-4.394699	0.443779	0.075444
	Au	-1.049189	0.671973	-0.254955
	Au	-2.730706	-2.218012	-0.620801
	Au	3.272264	-0.933384	-1.726514
	Au	2.621054	-1.695825	1.781075
	Au	1.458821	2.236526	-1.349371
	Au	0.825998	1.496287	2.10135
	P	-5.006741	-1.795662	-0.24618
	P	3.90864	-2.410139	-0.032447
	P	-2.821597	2.169892	0.188587
	P	-0.495106	-1.554987	-0.796654
	P	2.330998	0.802249	-2.973704
	P	1.165857	-0.539198	3.194773
	P	0.896505	3.323495	0.641474
	H	3.740237	-3.771671	-0.358317
	H	-0.262282	4.121772	0.600401
	H	1.616832	-0.406042	4.524598
	H	3.222937	1.426978	-3.870568
	H	0.116947	-1.774906	-2.047564
	H	-2.993012	3.228624	-0.726731
	H	-5.631107	-2.462135	0.82618
	H	-5.910368	-2.086733	-1.286782
	H	5.295368	-2.408589	0.223528
	H	1.840113	4.305778	1.017717
	H	-2.772046	2.902357	1.391782

8i	H	0.433758	-2.207005	0.042586
	H	1.371252	0.343268	-3.899226
	H	-0.026847	-1.252667	3.432663
	Au	2.028727	4.897781	0.000000
	Au	-2.028727	-4.897781	0.000000
	Au	2.028727	-4.897781	0.000000
	Au	4.897781	2.028727	0.000000
	Au	4.897781	-2.028727	0.000000
	Au	-2.028727	4.897781	0.000000
	Au	-4.897781	-2.028727	0.000000
	Au	-4.897781	2.028727	0.000000
	P	4.045587	4.045587	0.806632
	P	0.000000	-5.721323	-0.806632
	P	-4.045587	-4.045587	0.806632
	P	0.000000	5.721323	-0.806632
	P	5.721323	0.000000	-0.806632
	P	4.045587	-4.045587	0.806632
	P	-4.045587	4.045587	0.806632
	P	-5.721323	0.000000	-0.806632
	H	3.988736	-3.988736	2.216328
	H	-3.988736	3.988736	2.216328
	H	-5.640924	0.000000	-2.216328
	H	5.640924	0.000000	-2.216328
	H	0.000000	-5.640924	-2.216328
	H	0.000000	5.640924	-2.216328
	H	-3.988736	-3.988736	2.216328
	H	3.988736	3.988736	2.216328
	H	0.000000	7.128763	-0.692562
	H	0.000000	-7.128763	-0.692562
	H	5.040797	5.040797	0.692562
	H	-5.040797	-5.040797	0.692562
	H	7.128763	0.000000	-0.692562
	H	-7.128763	0.000000	-0.692562
	H	5.040797	-5.040797	0.692562
	H	-5.040797	5.040797	0.692562
8ii	Au	4.830482	1.740755	0.082596
	Au	1.27429	-1.582581	0.960204
	Au	-1.27429	1.582581	0.960204
	Au	4.830482	-1.740755	-0.082596
	Au	1.27429	1.582581	-0.960204

	Au	-1.27429	-1.582581	-0.960204
	Au	-4.830482	1.740755	-0.082596
	Au	-4.830482	-1.740755	0.082596
	P	2.856276	2.976541	0.043639
	P	2.856276	-2.976541	-0.043639
	P	6.379852	0.000000	0.000000
	P	0.000000	0.000000	2.13044
	P	-2.856276	2.976541	-0.043639
	P	0.000000	0.000000	-2.13044
	P	-2.856276	-2.976541	0.043639
	P	-6.379852	0.000000	0.000000
	H	-2.479327	3.437271	-1.322261
	H	-2.479327	-3.437271	1.322261
	H	2.479327	3.437271	1.322261
	H	-0.843414	-0.649153	3.060144
	H	2.479327	-3.437271	-1.322261
	H	0.843414	-0.649153	-3.060144
	H	7.287833	-0.061542	1.076069
	H	-7.287833	0.061542	1.076069
	H	-7.287833	-0.061542	-1.076069
	H	7.287833	0.061542	-1.076069
	H	2.965971	4.218912	-0.615031
	H	2.965971	-4.218912	0.615031
	H	-0.843414	0.649153	-3.060144
	H	0.843414	0.649153	3.060144
	H	-2.965971	-4.218912	-0.615031
	H	-2.965971	4.218912	0.615031
8iii	Au	-0.419441	-4.097276	1.841357
	Au	-0.419441	-4.097276	-1.841357
	Au	1.277718	-0.820627	1.844166
	Au	1.277718	-0.820627	-1.844166
	Au	-1.277718	0.820627	1.844166
	Au	0.419441	4.097276	1.841357
	Au	-1.277718	0.820627	-1.844166
	Au	0.419441	4.097276	-1.841357
	P	-1.068313	-5.378134	0.000000
	P	2.080358	0.376432	0.000000
	P	0.419441	-2.459588	3.278282
	P	0.419441	-2.459588	-3.278282
	P	-0.419441	2.459588	3.278282

	P	-2.080358	-0.376432	0.000000
	P	1.068313	5.378134	0.000000
	P	-0.419441	2.459588	-3.278282
	H	-1.721125	-1.739967	0.000000
	H	0.523384	6.678931	0.000000
	H	1.721125	1.739967	0.000000
	H	-0.523384	-6.678931	0.000000
	H	-1.369511	2.96322	4.191765
	H	-0.538534	-1.978042	4.193028
	H	0.538534	1.978042	-4.193028
	H	1.369511	-2.96322	-4.191765
	H	-1.369511	2.96322	-4.191765
	H	-0.538534	-1.978042	-4.193028
	H	1.369511	-2.96322	4.191765
	H	0.538534	1.978042	4.193028
	H	-2.439002	-5.709904	0.000000
	H	-3.486332	-0.505194	0.000000
	H	2.439002	5.709904	0.000000
	H	3.486332	0.505194	0.000000
9i	Au	-0.934575	-5.379936	0.440794
	Au	-4.592124	-3.611331	0.511334
	Au	3.069285	-5.031157	-0.116367
	Au	-6.177945	-0.133669	-0.913211
	Au	-4.607578	3.514591	0.00354
	Au	2.946109	5.075422	0.205164
	Au	-1.087112	5.49494	0.376208
	Au	5.747559	-1.988566	-0.363231
	Au	5.63938	2.060386	-0.143919
	P	-2.878668	-4.778113	1.582518
	P	1.014093	-5.969646	-0.699326
	P	-6.047692	2.17274	-1.249971
	P	-6.296486	-2.439932	-0.570198
	P	5.113049	-4.072168	0.474177
	P	0.983133	6.122305	-0.498601
	P	-3.153982	4.850978	1.246499
	P	4.897764	4.006814	0.907775
	P	6.358771	0.104605	-1.193554
	H	-3.848633	6.006222	1.665697
	H	-2.960415	4.269115	2.518382
	H	0.920031	6.08332	-1.908679

	H	1.134005	7.518088	-0.350547
	H	5.95172	4.945856	0.922347
	H	4.822641	3.778845	2.299247
	H	6.031734	0.169886	-2.565612
	H	7.763375	0.149684	-1.327144
	H	6.144674	-5.000354	0.215202
	H	5.220388	-4.052245	1.881991
	H	-5.820036	2.413481	-2.622588
	H	-7.350376	2.711849	-1.175179
	H	-6.566774	-3.064379	-1.807418
	H	-7.522735	-2.735725	0.063985
	H	-2.525638	-4.094962	2.766758
	H	-3.425579	-5.933416	2.181812
	H	1.137422	-7.375902	-0.686146
	H	0.807618	-5.80677	-2.086633
9ii	Au	-0.923883	1.488572	-5.548153
	Au	0.000000	1.953771	0.411168
	Au	1.765119	-0.88663	-1.937261
	Au	-1.694617	2.485522	3.90274
	Au	0.923883	-1.488572	-5.548153
	Au	0.000000	-1.953771	0.411168
	Au	1.694617	-2.485522	3.90274
	Au	-1.765119	0.88663	-1.937261
	Au	0.000000	0.000000	6.31205
	P	1.91481	0.995291	-0.545211
	P	-1.751429	2.930665	1.61323
	P	1.66782	-2.524664	-3.599235
	P	0.000000	0.000000	-7.086145
	P	-1.66782	2.524664	-3.599235
	P	1.751429	-2.930665	1.61323
	P	-1.91481	-0.995291	-0.545211
	P	-1.421259	1.839901	6.128313
	P	1.421259	-1.839901	6.128313
	H	-2.661056	1.602357	6.758386
	H	2.648698	1.998704	-1.218231
	H	-1.785483	4.321107	1.373461
	H	-2.648698	-1.998704	-1.218231
	H	2.90104	-3.193502	-3.74737
	H	-0.86394	3.628248	-3.245143
	H	1.785483	-4.321107	1.373461

	H	2.661056	-1.602357	6.758386
	H	-0.920171	-0.560681	-7.994599
	H	0.920171	0.560681	-7.994599
	H	0.86394	-3.628248	-3.245143
	H	-2.90104	3.193502	-3.74737
	H	-2.840782	-0.747388	0.492081
	H	3.010098	-2.598947	1.069025
	H	0.984037	-2.919152	6.924992
	H	-0.984037	2.919152	6.924992
	H	2.840782	0.747388	0.492081
	H	-3.010098	2.598947	1.069025
10i	Au	0.000000	1.930222	4.367479
	Au	0.000000	3.096674	0.633565
	Au	-3.096674	0.000000	-0.633565
	Au	0.000000	-1.930222	4.367479
	Au	0.000000	0.000000	-1.78908
	Au	-1.930222	0.000000	-4.367479
	Au	0.000000	0.000000	1.78908
	Au	0.000000	-3.096674	0.633565
	Au	1.930222	0.000000	-4.367479
	Au	3.096674	0.000000	-0.633565
	P	0.000000	3.735908	2.883675
	P	0.000000	0.000000	5.683855
	P	0.000000	2.340404	-1.578161
	P	-2.340404	0.000000	1.578161
	P	-3.735908	0.000000	-2.883675
	P	0.000000	-2.340404	-1.578161
	P	0.000000	0.000000	-5.683855
	P	0.000000	-3.735908	2.883675
	P	2.340404	0.000000	1.578161
	P	3.735908	0.000000	-2.883675
	H	-1.067095	-2.928947	-2.290821
	H	1.067895	-4.617514	3.158379
	H	-1.069319	0.000000	6.605116
	H	-2.928947	1.067095	2.290821
	H	1.067895	4.617514	3.158379
	H	-1.067095	2.928947	-2.290821
	H	2.928947	1.067095	2.290821
	H	-4.617514	-1.067895	-3.158379
	H	4.617514	-1.067895	-3.158379

10ii

H	0.000000	1.069319	-6.605116
H	0.000000	-1.069319	-6.605116
H	-4.617514	1.067895	-3.158379
H	4.617514	1.067895	-3.158379
H	-2.928947	-1.067095	2.290821
H	2.928947	-1.067095	2.290821
H	1.067095	2.928947	-2.290821
H	-1.067895	4.617514	3.158379
H	1.069319	0.000000	6.605116
H	-1.067895	-4.617514	3.158379
H	1.067095	-2.928947	-2.290821
Au	2.043933	3.011627	-0.862799
Au	4.199594	0.000000	-1.965992
Au	-2.043933	3.011627	-0.862799
Au	2.043933	-3.011627	-0.862799
Au	1.803002	0.000000	3.739498
Au	-2.043933	-3.011627	-0.862799
Au	-1.842549	0.000000	-0.065054
Au	1.842549	0.000000	-0.065054
Au	-1.803002	0.000000	3.739498
Au	-4.199594	0.000000	-1.965992
P	4.048783	2.333535	-1.873002
P	0.000000	3.656376	0.092208
P	4.048783	-2.333535	-1.873002
P	0.000000	0.000000	-1.527219
P	0.000000	-3.656376	0.092208
P	3.188341	0.000000	1.86518
P	-3.188341	0.000000	1.86518
P	-4.048783	-2.333535	-1.873002
P	0.000000	0.000000	5.219125
P	-4.048783	2.333535	-1.873002
H	-4.232168	-2.942649	-3.133239
H	-5.163413	2.889385	-1.209141
H	0.000000	5.056594	0.280277
H	5.163413	2.889385	-1.209141
H	4.232168	-2.942649	-3.133239
H	0.000000	-3.273986	1.450335
H	4.10865	-1.069189	1.879055
H	-4.10865	-1.069189	1.879055
H	0.000000	1.074113	-2.440812

10iii

H	0.000000	1.075086	6.131419
H	-4.232168	2.942649	-3.133239
H	0.000000	3.273986	1.450335
H	0.000000	-1.075086	6.131419
H	-4.10865	1.069189	1.879055
H	4.10865	1.069189	1.879055
H	0.000000	-5.056594	0.280277
H	5.163413	-2.889385	-1.209141
H	4.232168	2.942649	-3.133239
H	0.000000	-1.074113	-2.440812
H	-5.163413	-2.889385	-1.209141
Au	5.314182	3.863868	0.000532
Au	6.581974	0.005706	-0.005489
Au	5.326624	-3.855981	-0.004155
Au	2.036486	-6.238546	0.0042
Au	-2.024527	-6.243868	0.006582
Au	-5.319075	-3.867366	-0.00057
Au	-6.58023	-0.007253	-0.005955
Au	-5.322264	3.853713	-0.003064
Au	-2.037047	6.243368	0.002843
Au	2.023954	6.246412	0.00503
P	6.568506	2.140148	-0.948351
P	4.061503	-5.575259	-0.946807
P	-4.052661	-5.586433	-0.941855
P	-6.571609	2.126076	-0.951367
P	-0.006531	6.901816	-0.939697
P	6.581952	-2.128861	0.937154
P	0.007385	-6.890792	0.954074
P	-6.575641	-2.14053	0.939618
P	-4.063464	5.573847	0.946474
P	4.050244	5.579736	0.950941
H	6.251796	2.038029	-2.320656
H	-6.266007	-2.037279	2.313452
H	-3.85567	-5.3174	-2.313997
H	0.0077	-6.552432	2.325007
H	3.861291	-5.303589	-2.317949
H	6.27376	-2.027986	2.311463
H	3.851857	5.303188	2.321389
H	-0.005499	6.574263	-2.31325
H	-3.866767	5.300001	2.317692

11i

H	-6.253319	2.023206	-2.323226
H	7.902802	2.578882	-1.090343
H	-7.911422	-2.57679	1.075086
H	4.873564	6.7167	1.100893
H	-4.873991	-6.725746	-1.084737
H	-0.007511	8.306943	-1.076313
H	0.009316	-8.294799	1.101773
H	-4.889442	6.709322	1.093168
H	4.884629	-6.712766	-1.093801
H	-7.906835	2.561398	-1.095173
H	7.918511	-2.563425	1.07045
Au	4.038149	2.158799	1.435483
Au	5.163614	-0.500841	-1.143015
Au	2.180673	-0.044849	-0.07101
Au	0.169753	1.832723	1.858853
Au	-1.115601	-1.224017	-0.216468
Au	-0.025601	3.115493	-1.020793
Au	1.973363	-2.42285	-2.305273
Au	0.418418	-2.93856	1.947384
Au	-3.933959	3.426597	-0.608796
Au	-3.323842	-3.23377	0.80493
Au	-5.533334	-0.162555	-0.664177
P	5.853939	1.145844	0.365684
P	2.100295	3.046001	2.395824
P	1.706502	1.661121	-1.620323
P	4.27626	-2.116333	-2.581232
P	2.379743	-1.728459	1.557723
P	-1.642374	0.442834	1.346202
P	-1.632745	-4.030363	2.213562
P	-1.853172	4.479328	-0.502444
P	-5.880864	2.14456	-0.723965
P	-0.324273	-2.625366	-1.922397
P	-5.027245	-2.441058	-0.589843
H	1.965945	4.411106	2.064602
H	1.444117	1.123202	-2.899558
H	2.876158	-1.205282	2.771517
H	-2.750223	1.203122	0.910983
H	-0.668431	-3.975933	-1.702525
H	4.972219	-3.339679	-2.470933
H	6.700296	2.0965	-0.244693

11ii

H	-1.685534	5.085765	0.76027
H	-6.646613	2.502465	-1.854141
H	-6.205826	-3.18883	-0.374021
H	-1.488639	-5.428513	2.082078
H	6.771797	0.622707	1.301781
H	2.249793	3.187502	3.792953
H	4.589457	-1.823952	-3.92638
H	-1.039238	-2.426972	-3.124345
H	-2.206068	-0.09863	2.521733
H	-4.762164	-2.875988	-1.906779
H	-6.797355	2.533817	0.276164
H	-1.844226	5.647513	-1.295217
H	2.869619	2.392148	-1.944242
H	3.445186	-2.606661	1.264783
H	-2.050269	-3.99447	3.561762
Au	-3.34388	-3.066073	-0.003281
Au	2.694377	-4.112221	0.002681
Au	-5.735145	-0.006987	-0.001865
Au	1.496284	-2.022365	-3.031893
Au	0.560192	-1.928966	-0.000223
Au	-3.351471	3.057985	-0.003789
Au	0.555399	1.930338	-0.000014
Au	1.487944	-2.022159	3.033634
Au	1.491428	2.025765	-3.032058
Au	2.684115	4.118764	0.00264
Au	1.483107	2.02596	3.033744
P	-1.076814	-3.622298	-0.002353
P	-5.558532	-2.330979	-0.001764
P	2.590329	-3.975242	-2.332191
P	2.583997	-3.975073	2.337272
P	0.49974	0.000487	-3.680425
P	1.897894	0.002355	0.001504
P	-5.564296	2.317439	-0.002097
P	-1.085759	3.619654	-0.002293
P	2.580526	3.981353	-2.332248
P	0.489418	0.000697	3.679083
P	2.574465	3.981469	2.337251
H	-0.863037	-0.000886	3.277889
H	3.846166	-4.111332	2.955003
H	3.836449	4.12068	2.9547

	H	1.973062	-5.123573	-2.873188
	H	-0.82658	-4.517806	1.059981
	H	-6.282893	-2.902385	-1.069439
	H	0.300088	0.000153	-5.078725
	H	1.960407	5.128111	-2.87333
	H	-6.287648	2.886737	1.06738
	H	-0.8356	4.514867	-1.064895
	H	2.818683	0.003528	-1.066865
	H	-0.853985	-0.001059	-3.283534
	H	-6.290191	2.886791	-1.069829
	H	3.844074	4.121007	-2.946394
	H	1.953263	5.128348	2.876822
	H	0.285331	0.000367	5.076744
	H	1.965367	-5.123407	2.876703
	H	3.854133	-4.111661	-2.94653
	H	-6.28051	-2.90192	1.067769
	H	-0.82486	-4.516751	-1.065171
	H	-0.837938	4.51558	1.060254
	H	2.816029	0.003381	1.072155
12i	Au	-1.337813	3.879511	-2.397847
	Au	0.819918	3.438233	0.817737
	Au	0.000000	0.000000	2.476186
	Au	-1.346641	1.431108	-5.50587
	Au	-0.819918	-3.438233	0.817737
	Au	1.346641	-1.431108	-5.50587
	Au	1.337813	-3.879511	-2.397847
	Au	-1.371856	1.417948	-0.362449
	Au	0.000000	0.000000	5.681588
	Au	1.371856	-1.417948	-0.362449
	Au	2.257648	-2.169155	3.3751
	Au	-2.257648	2.169155	3.3751
	P	-2.561529	2.826788	-4.085353
	P	1.493119	1.80889	2.347772
	P	0.000000	4.922445	-0.789043
	P	-1.493119	-1.80889	2.347772
	P	0.000000	0.000000	-6.763486
	P	0.000000	-4.922445	-0.789043
	P	2.561529	-2.826788	-4.085353
	P	0.000000	0.000000	-1.627698
	P	-2.813374	2.518972	1.131037

P	-1.596345	1.704139	5.570111
P	1.596345	-1.704139	5.570111
P	2.813374	-2.518972	1.131037
H	-1.141643	2.870653	6.222379
H	1.141643	-2.870653	6.222379
H	-4.158126	2.153352	0.896744
H	-1.739077	-2.37765	3.615917
H	-1.031392	-5.67672	-1.389268
H	4.158126	-2.153352	0.896744
H	0.777671	0.729586	-2.551441
H	2.804369	1.373352	2.058404
H	-0.69773	5.982194	-0.170161
H	-3.64845	2.114555	-3.536205
H	-0.773207	-0.736699	-7.686053
H	3.64845	-2.114555	-3.536205
H	3.29397	-3.776003	-4.830957
H	0.773207	0.736699	-7.686053
H	-3.29397	3.776003	-4.830957
H	1.031392	5.67672	-1.389268
H	1.739077	2.37765	3.615917
H	-2.804369	-1.373352	2.058404
H	0.69773	-5.982194	-0.170161
H	-2.708061	1.42771	6.39502
H	-2.930224	3.897279	0.85261
H	-0.777671	-0.729586	-2.551441
H	2.930224	-3.897279	0.85261
H	2.708061	-1.42771	6.39502
Au	5.740686	-0.000652	-0.000718
Au	3.678096	2.749785	1.823868
Au	3.676437	-2.750789	-1.824362
Au	-0.347181	2.857343	1.64397
Au	-0.348644	-2.857163	-1.643366
Au	-2.578926	0.000566	0.000407
Au	2.578928	-0.000021	0.000125
Au	0.347729	-2.857098	1.643932
Au	0.348128	2.857399	-1.643369
Au	-3.677603	-2.750193	1.824045
Au	-3.677	2.75071	-1.823986
Au	-5.740619	0.000136	-0.000544
P	2.354199	-1.657603	1.636391

P	2.354349	1.657479	-1.636246
P	-1.694461	3.984694	-1.789044
P	-1.694983	-3.98407	1.790087
P	-5.641508	-1.48805	1.794491
P	-5.640821	1.488416	-1.795492
P	5.641799	1.487305	1.794483
P	5.640374	-1.488671	-1.79585
P	1.693812	-3.984615	-1.789409
P	1.695718	3.984046	1.789801
P	-2.353813	1.658099	1.636636
P	-2.354764	-1.657106	-1.635872
H	1.675515	4.855681	2.901723
H	-1.673929	4.856755	-2.900625
H	-1.674607	-4.855382	2.902262
H	1.673115	-4.856482	-2.901139
H	-2.546566	1.108041	2.923641
H	2.547018	-1.107597	2.923406
H	2.546633	1.107112	-2.923191
H	-2.547373	-1.106896	-2.922836
H	6.788123	-2.305364	-1.887583
H	6.789825	2.303656	1.885758
H	-6.788745	2.30491	-1.886778
H	-6.789376	-2.304671	1.885347
H	-5.787819	0.788088	-3.012276
H	-5.7891	-0.78765	3.011162
H	-1.783809	-4.961288	0.775803
H	3.449163	-2.547021	1.632626
H	3.449614	2.546523	-1.632965
H	-1.78336	4.96121	-0.774095
H	5.788921	0.786692	3.011087
H	5.787229	-0.788098	-3.012511
H	1.782759	-4.961315	-0.774638
H	-3.450013	-2.54617	-1.632217
H	-3.448705	2.547608	1.633009
H	1.784631	4.960956	0.775228
Au	2.032142	7.584056	0.000000
Au	-2.032142	7.584056	0.000000
Au	-5.551914	5.551914	0.000000
Au	-7.584056	2.032142	0.000000
Au	-7.584056	-2.032142	0.000000

Au	-5.551914	-5.551914	0.000000
Au	-2.032142	-7.584056	0.000000
Au	2.032142	-7.584056	0.000000
Au	5.551914	-5.551914	0.000000
Au	7.584056	-2.032142	0.000000
Au	7.584056	2.032142	0.000000
Au	5.551914	5.551914	0.000000
P	0.000000	8.127515	1.010547
P	-7.038635	4.063758	1.010547
P	-7.038635	-4.063758	1.010547
P	0.000000	-8.127515	1.010547
P	7.038635	-4.063758	1.010547
P	7.038635	4.063758	1.010547
P	4.063758	7.038635	-1.010547
P	-4.063758	7.038635	-1.010547
P	-8.127515	0.000000	-1.010547
P	-4.063758	-7.038635	-1.010547
P	4.063758	-7.038635	-1.010547
P	8.127515	0.000000	-1.010547
H	-3.825497	6.625955	-2.339402
H	0.000000	7.650994	2.339402
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H	6.625955	3.825497	2.339402
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H	6.625955	-3.825497	2.339402
H	3.825497	-6.625955	-2.339402
H	0.000000	-7.650994	2.339402
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H	-6.625955	-3.825497	2.339402
H	-7.650994	0.000000	-2.339402
H	-6.625955	3.825497	2.339402
H	-8.235113	-4.754545	1.301055
H	8.235113	4.754545	1.301055
H	-9.50909	0.000000	-1.301055
H	9.50909	0.000000	-1.301055
H	-8.235113	4.754545	1.301055
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H	-4.754545	8.235113	-1.301055
H	4.754545	-8.235113	-1.301055
H	0.000000	9.50909	1.301055

13i

H	0.000000	-9.50909	1.301055
H	-4.754545	-8.235113	-1.301055
H	4.754545	8.235113	-1.301055
Au	-1.716265	-4.041368	0.592684
Au	0.318553	-1.900795	-0.496626
Au	-1.715583	4.041608	-0.592341
Au	-5.129068	3.118267	1.310841
Au	-5.129542	-3.118006	-1.310903
Au	1.308255	2.404229	-2.474319
Au	1.307769	-2.404063	2.474415
Au	3.167633	-0.000109	-0.00008
Au	-7.251787	0.000269	-0.000202
Au	0.318792	1.900595	0.496617
Au	4.075588	-2.970265	-0.960883
Au	6.388988	-0.000222	-0.000098
Au	4.075948	2.969857	0.960897
P	-3.048856	4.17518	1.322154
P	-0.459433	-3.930937	2.563558
P	-3.049448	-4.175159	-1.321859
P	1.82611	-3.56468	-1.189933
P	-0.961246	0.000024	-0.00016
P	-0.458684	3.931421	-2.563187
P	-7.172632	1.996205	1.205032
P	6.27744	-2.232357	-0.683445
P	3.022461	-0.844065	2.188205
P	3.022654	0.843864	-2.188363
P	-7.172977	-1.995683	-1.205424
P	1.826488	3.564266	1.190167
P	6.277765	2.231931	0.683243
H	6.992992	-3.074102	0.195434
H	-1.884989	-0.256855	1.035122
H	-1.289394	3.687666	-3.67834
H	-2.318218	3.757994	2.454793
H	-8.175774	2.876868	0.746163
H	-8.176324	-2.876165	-0.746662
H	-2.318685	-3.758305	-2.45454
H	-1.290134	-3.686848	3.678645
H	1.574286	-4.801576	-0.559641
H	2.895946	-0.199623	-3.130684
H	6.99323	3.073616	-0.195762

13ii

H	1.561926	3.960177	2.520455
H	4.254083	-1.372335	2.631437
H	0.004701	5.213818	-2.928941
H	-3.218583	-5.530302	-1.681034
H	0.003767	-5.213325	2.929576
H	7.043812	-2.452727	-1.84827
H	1.561456	-3.960863	-2.52012
H	4.254368	1.371915	-2.631592
H	7.044285	2.452316	1.847966
H	2.895989	0.199495	3.130479
H	-7.674343	1.785151	2.50737
H	-7.674484	-1.784555	-2.507828
H	-3.217839	5.530269	1.681605
H	1.574685	4.801312	0.560159
H	-1.884615	0.257113	-1.035724
Au	1.193043	-2.74434	-0.769795
Au	-2.707496	-2.84147	0.688931
Au	2.707456	2.841363	0.689419
Au	6.024046	1.223421	-0.425402
Au	4.916848	-2.143232	-1.827841
Au	1.904025	-0.435808	3.584457
Au	3.181679	-0.131771	-0.13839
Au	-3.18166	0.131787	-0.138426
Au	-1.903971	0.4352	3.584509
Au	-0.000016	0.000178	-2.28212
Au	-6.024083	-1.223283	-0.425521
Au	-1.193038	2.744409	-0.769399
Au	-4.916836	2.143558	-1.827473
P	-0.405883	-2.476227	0.923923
P	5.013754	3.149624	0.433123
P	3.639851	-0.816007	2.065723
P	2.915286	-3.271264	-2.268654
P	0.000019	-0.000418	4.871877
P	6.764916	-0.816404	-1.294213
P	-5.013789	-3.149689	0.432544
P	0.405847	2.476056	0.924319
P	-2.265384	-0.553808	-2.19813
P	2.265344	0.554166	-2.197958
P	-3.63978	0.815651	2.065818
P	-6.764924	0.816723	-1.293932

P	-2.915241	3.271556	-2.268228
H	-5.31332	-4.288579	-0.345905
H	-7.634249	1.47026	-0.394829
H	-0.237166	-1.201461	1.505624
H	2.527848	-3.052736	-3.608571
H	7.634336	-1.470048	-0.39528
H	5.313345	4.288721	-0.344999
H	4.839641	-0.243764	2.540884
H	-0.239712	-1.042072	5.793655
H	0.237138	1.201188	1.5058
H	-4.032704	2.170669	2.105898
H	2.480863	1.92335	-2.461137
H	-2.527823	3.053104	-3.608162
H	-2.480934	-1.922939	-2.461557
H	-7.656548	0.658687	-2.376252
H	-5.61979	-3.556775	1.640392
H	0.050576	-3.2429	2.020677
H	3.095715	-4.670241	-2.334644
H	7.656452	-0.658152	-2.376574
H	5.619727	3.556355	1.641105
H	-0.050647	3.242538	2.021191
H	-3.095602	4.670547	-2.334116
H	2.955975	0.014095	-3.304771
H	-2.955997	-0.013515	-3.304845
H	-4.839581	0.243353	2.540885
H	0.239733	1.041054	5.793866
H	4.032798	-2.171024	2.105578

L = Cl

1X ₁	Au	0.000000	0.000000	0.397635
	Cl	0.000000	0.000000	-1.847835
2X ₁	Au	-0.022869	-1.576418	0.000000
	Au	0.000000	1.115877	0.000000
	Cl	2.012547	-0.186362	0.000000
2X ₂	Cl	-1.906275	2.326519	0.000000
	Au	0.000000	0.000000	1.344768
	Au	0.000000	0.000000	-1.344768
	Cl	0.000000	2.150355	0.000000

3X ₁	Cl	0.000000	-2.150355	0.000000
	Au	0.000000	1.6803	0.000000
	Au	1.455182	-0.84015	0.000000
	Au	-1.455182	-0.84015	0.000000
	Cl	2.37421	1.370751	0.000000
	Cl	-2.37421	1.370751	0.000000
4X ₁	Cl	0.000000	-2.741502	0.000000
	Au	1.583131	1.583131	0.000000
	Au	-1.583131	1.583131	0.000000
	Au	1.583131	-1.583131	0.000000
	Au	-1.583131	-1.583131	0.000000
	Cl	3.186542	0.000000	0.638363
5X ₁	Cl	0.000000	3.186542	-0.638363
	Cl	-3.186542	0.000000	0.638363
	Cl	0.000000	-3.186542	-0.638363
	Au	0.335424	-2.060639	1.507479
	Au	-0.493275	0.670124	2.64409
	Au	0.335424	-2.060639	-1.507479
6X ₁	Au	0.315875	2.777271	0.000000
	Au	-0.493275	0.670124	-2.64409
	Cl	-1.35075	-1.476892	3.031708
	Cl	2.029841	-2.679449	0.000000
	Cl	0.335424	2.825353	2.328182
	Cl	0.335424	2.825353	-2.328182
6X ₂	Cl	-1.35075	-1.476892	-3.031708
	Au	-2.66423	0.883029	1.174309
	Au	-2.66423	-0.883029	-1.174309
	Au	2.66423	-0.883029	1.174309
	Au	0.000000	-1.533421	0.000000
	Au	2.66423	0.883029	-1.174309
6X ₂	Au	0.000000	1.533421	0.000000
	Cl	-4.517983	0.000000	0.000000
	Cl	-0.759775	-1.733099	-2.253372
	Cl	0.759775	-1.733099	2.253372
	Cl	4.517983	0.000000	0.000000
	Cl	-0.759775	1.733099	2.253372
6X ₂	Cl	0.759775	1.733099	-2.253372
	Au	1.516368	2.626426	0.000000

	Au	3.032736	0.000000	0.000000
	Au	-1.516368	-2.626426	0.000000
	Au	1.516368	-2.626426	0.000000
	Au	-3.032736	0.000000	0.000000
	Au	-1.516368	2.626426	0.000000
	Cl	3.059724	1.766532	1.549975
	Cl	3.059724	-1.766532	-1.549975
	Cl	0.000000	-3.533064	1.549975
	Cl	-3.059724	-1.766532	-1.549975
	Cl	0.000000	3.533064	-1.549975
	Cl	-3.059724	1.766532	1.549975
7X ₁	Au	0.758593	2.317441	1.573096
	Au	0.521475	0.101808	0.000000
	Au	0.758593	2.317441	-1.573096
	Au	-1.842415	-0.184899	-1.538831
	Au	-1.842415	-0.184899	1.538831
	Au	0.747745	-2.215893	-1.531019
	Au	0.747745	-2.215893	1.531019
	Cl	-0.011584	3.91815	0.000000
	Cl	-2.848796	1.311787	0.000000
	Cl	1.591476	0.753082	3.013469
	Cl	1.591476	0.753082	-3.013469
	Cl	-1.045338	-1.837921	-3.013714
	Cl	-1.045338	-1.837921	3.013714
	Cl	2.468321	-2.758691	0.000000
7X ₂	Au	-1.229742	1.412719	1.7458
	Au	1.316053	0.734797	-0.477479
	Au	0.000000	0.000000	3.910639
	Au	1.229742	-1.412719	1.7458
	Au	1.460621	-0.42429	-3.202855
	Au	-1.316053	-0.734797	-0.477479
	Au	-1.460621	0.42429	-3.202855
	Cl	0.000000	2.602313	0.134319
	Cl	-2.308369	0.472612	3.660848
	Cl	2.914386	-0.800927	-1.390591
	Cl	2.308369	-0.472612	3.660848
	Cl	0.000000	-2.602313	0.134319
	Cl	0.000000	0.000000	-5.002333
	Cl	-2.914386	0.800927	-1.390591

8X ₁	Au	-0.105425	-2.773062	1.637084
	Au	-0.105425	-2.773062	-1.637084
	Au	1.557098	-0.088303	-1.635136
	Au	1.557098	-0.088303	1.635136
	Au	-0.71334	-0.495723	0.000000
	Au	-1.067373	1.434938	2.113724
	Au	-1.067373	1.434938	-2.113724
	Au	0.183511	3.360893	0.000000
	Cl	-0.999504	-4.202159	0.000000
	Cl	2.721328	1.166088	0.000000
	Cl	0.857118	-1.528775	3.392384
	Cl	0.857118	-1.528775	-3.392384
	Cl	-2.516131	-0.374164	-1.972483
	Cl	-2.516131	-0.374164	1.972483
	Cl	0.24331	3.39236	2.349627
	Cl	0.24331	3.39236	-2.349627
8X ₂	Au	-0.105425	-2.773062	1.637084
	Au	-0.105425	-2.773062	-1.637084
	Au	1.557098	-0.088303	-1.635136
	Au	1.557098	-0.088303	1.635136
	Au	-0.71334	-0.495723	0.000000
	Au	-1.067373	1.434938	2.113724
	Au	-1.067373	1.434938	-2.113724
	Au	0.183511	3.360893	0.000000
	Cl	-0.999504	-4.202159	0.000000
	Cl	2.721328	1.166088	0.000000
	Cl	0.857118	-1.528775	3.392384
	Cl	0.857118	-1.528775	-3.392384
	Cl	-2.516131	-0.374164	-1.972483
	Cl	-2.516131	-0.374164	1.972483
	Cl	0.24331	3.39236	2.349627
	Cl	0.24331	3.39236	-2.349627
8X ₃	Au	2.428738	0.215945	-1.879264
	Au	-2.428738	-0.215945	-1.879264
	Au	0.000000	-1.800659	-1.688492
	Au	0.000000	1.800659	-1.688492
	Au	0.000000	0.000000	0.562659
	Au	2.750097	0.444784	1.560476
	Au	-2.750097	-0.444784	1.560476

9X ₁	Au	0.000000	0.000000	3.428062
	Cl	1.224712	1.272389	-3.651775
	Cl	-1.224712	-1.272389	-3.651775
	Cl	-3.89301	0.568843	-0.220281
	Cl	3.89301	-0.568843	-0.220281
	Cl	-0.783422	2.377048	0.454133
	Cl	0.783422	-2.377048	0.454133
	Cl	1.837192	1.456104	3.473314
	Cl	-1.837192	-1.456104	3.473314
	Au	-0.798338	1.55707	3.258052
	Au	0.000000	3.072055	0.282486
	Au	0.798338	-1.55707	3.258052
	Au	1.883363	-0.171439	-1.468849
	Au	0.000000	0.000000	0.859769
	Au	0.000000	-3.072055	0.282486
	Au	0.133122	2.064775	-2.501888
	Au	-1.883363	0.171439	-1.468849
	Au	-0.133122	-2.064775	-2.501888
	Cl	0.000000	0.000000	4.807392
	Cl	-1.720264	3.201663	1.873741
	Cl	2.390868	0.447279	0.755504
	Cl	1.720264	-3.201663	1.873741
	Cl	-2.390868	-0.447279	0.755504
	Cl	1.722183	3.376724	-1.333128
	Cl	1.598685	-0.96499	-3.698351
	Cl	-1.598685	0.96499	-3.698351
	Cl	-1.722183	-3.376724	-1.333128
9X ₂	Au	-2.800975	1.853455	-0.198128
	Au	0.000000	3.727457	-1.359493
	Au	0.000000	1.439833	0.334289
	Au	-2.800975	-1.853455	-0.198128
	Au	0.000000	0.000000	2.840226
	Au	0.000000	-1.439833	0.334289
	Au	2.800975	1.853455	-0.198128
	Au	0.000000	-3.727457	-1.359493
	Au	2.800975	-1.853455	-0.198128
	Cl	-2.34234	3.797917	-1.425704
	Cl	0.000000	2.352076	2.643679
	Cl	-3.493405	0.000000	1.058383

10X ₁	Cl	2.34234	3.797917	-1.425704
	Cl	0.000000	0.000000	-1.688784
	Cl	0.000000	-2.352076	2.643679
	Cl	-2.34234	-3.797917	-1.425704
	Cl	3.493405	0.000000	1.058383
	Cl	2.34234	-3.797917	-1.425704
	Au	-0.543667	1.708529	-3.78977
	Au	-1.462599	2.331249	-0.460574
	Au	1.462599	2.331249	0.460574
	Au	0.543667	-1.708529	-3.78977
	Au	0.000000	0.000000	1.472249
	Au	0.543667	1.708529	3.78977
	Au	0.000000	0.000000	-1.472249
	Au	1.462599	-2.331249	-0.460574
	Au	-0.543667	-1.708529	3.78977
	Au	-1.462599	-2.331249	0.460574
	Cl	-1.065952	3.551128	-2.435247
	Cl	0.000000	0.000000	-5.297847
	Cl	-2.126053	1.218981	1.499241
	Cl	2.126053	1.218981	-1.499241
10X ₂	Cl	1.065952	3.551128	2.435247
	Cl	2.126053	-1.218981	1.499241
	Cl	0.000000	0.000000	5.297847
	Cl	1.065952	-3.551128	-2.435247
	Cl	-2.126053	-1.218981	-1.499241
	Cl	-1.065952	-3.551128	2.435247
	Au	2.041423	-1.351975	2.031601
	Au	-0.858569	-1.032804	3.942728
	Au	2.041423	-1.351975	-2.031601
	Au	-3.206018	0.513058	1.804113
	Au	2.332051	1.614378	1.448046
	Au	-3.206018	0.513058	-1.804113
	Au	-0.324814	0.272657	-1.42082
	Au	-0.324814	0.272657	1.42082
	Au	2.332051	1.614378	-1.448046
	Au	-0.858569	-1.032804	-3.942728
	Cl	1.450546	-1.132439	4.319947
	Cl	2.948573	-2.12664	0.000000
	Cl	-3.181068	-0.934023	3.651052
	Cl	-0.963191	-1.600842	0.000000

10X ₃	Cl	-3.415157	1.995747	0.000000
	Cl	0.419792	2.197676	2.706004
	Cl	0.419792	2.197676	-2.706004
	Cl	-3.181068	-0.934023	-3.651052
	Cl	4.199254	1.326974	0.000000
	Cl	1.450546	-1.132439	-4.319947
	Au	4.641904	1.508246	0.000017
	Au	4.641904	-1.508246	-0.000017
	Au	2.868855	-3.948639	0.000017
	Au	0.000000	-4.880787	-0.000017
	Au	-2.868855	-3.948639	0.000017
	Au	-4.641904	-1.508246	-0.000017
	Au	-4.641904	1.508246	0.000017
	Au	-2.868855	3.948639	-0.000017
	Au	0.000000	4.880787	0.000017
	Au	2.868855	3.948639	-0.000017
	Cl	5.149406	-0.000029	-1.729955
	Cl	1.591226	-4.897385	-1.729955
	Cl	-4.165974	-3.026721	-1.729955
	Cl	-4.16594	3.026769	-1.729955
11X ₁	Cl	1.591282	4.897367	-1.729955
	Cl	4.16594	-3.026769	1.729955
	Cl	-1.591282	-4.897367	1.729955
	Cl	-5.149406	0.000029	1.729955
	Cl	-1.591226	4.897385	1.729955
	Cl	4.165974	3.026721	1.729955
	Au	0.000000	2.773792	-0.062448
	Au	0.206677	2.627200	2.961175
	Au	0.000000	0.000000	-1.734027
	Au	1.356576	-1.174641	-4.080292
	Au	0.000000	0.000000	1.292519
	Au	0.000000	0.000000	4.359177
	Au	-1.356576	1.174641	-4.080292
	Au	-2.479534	1.264416	-0.770694
	Au	2.479534	-1.264416	-0.770694
	Au	-0.206677	-2.6272	2.961175
	Au	0.000000	-2.773792	-0.062448
	Cl	-1.306004	3.832004	1.620188
	Cl	0.000000	0.000000	-5.581683
	Cl	1.380576	2.024648	-1.810674

11X ₂	Cl	1.727387	1.609384	4.457299
	Cl	2.812427	-2.460842	-2.771221
	Cl	2.403846	-0.09206	1.264691
	Cl	-2.403846	0.09206	1.264691
	Cl	-2.812427	2.460842	-2.771221
	Cl	1.306004	-3.832004	1.620188
	Cl	-1.380576	-2.024648	-1.810674
	Cl	-1.727387	-1.609384	4.457299
	Au	2.265645	2.061989	1.52241
	Au	1.405294	-2.073115	-3.014033
	Au	2.11159	-0.350654	0.000000
	Au	-0.20057	-0.099012	1.564981
	Au	2.265645	2.061989	-1.52241
	Au	-0.20057	-0.099012	-1.564981
	Au	1.405294	-2.073115	3.014033
	Au	-2.576561	1.599406	1.514208
	Au	-2.576561	1.599406	-1.514208
	Au	-2.037748	-1.245806	3.536157
	Au	-2.037748	-1.245806	-3.536157
	Cl	0.642157	1.569747	3.131896
	Cl	3.362349	-1.357213	-2.008755
	Cl	3.937415	2.751291	0.000000
	Cl	3.362349	-1.357213	2.008755
	Cl	-0.488817	-2.890067	-4.131811
	Cl	0.642157	1.569747	-3.131896
	Cl	-1.522845	3.079982	0.000000
	Cl	-1.138066	-1.685011	0.000000
	Cl	-0.488817	-2.890067	4.131811
	Cl	-3.744324	0.287779	3.063507
	Cl	-3.744324	0.287779	-3.063507
12X ₁	Au	0.000000	0.000000	-5.227656
	Au	-0.522828	2.718717	-3.211463
	Au	0.000000	1.554845	0.000000
	Au	0.000000	0.000000	-2.346462
	Au	0.522828	-2.718717	-3.211463
	Au	0.522828	2.718717	3.211463
	Au	-2.346295	0.000000	0.000000
	Au	2.346295	0.000000	0.000000
	Au	0.000000	0.000000	2.346462
	Au	0.000000	-1.554845	0.000000

	Au	0.000000	0.000000	5.227656
	Au	-0.522828	-2.718717	3.211463
	Cl	0.45693	2.292615	-5.305278
	Cl	-0.45693	-2.292615	-5.305278
	Cl	-1.526403	3.277068	-1.201806
	Cl	1.526403	3.277068	1.201806
	Cl	2.451292	0.404946	-2.307747
	Cl	-2.451292	-0.404946	-2.307747
	Cl	1.526403	-3.277068	-1.201806
	Cl	-2.451292	0.404946	2.307747
	Cl	-0.45693	2.292615	5.305278
	Cl	2.451292	-0.404946	2.307747
	Cl	-1.526403	-3.277068	1.201806
	Cl	0.456930	-2.292615	5.305278
12X ₂	Au	0.000000	0.000000	4.573679
	Au	-0.085526	2.792391	2.753845
	Au	0.085526	-2.792391	2.753845
	Au	-1.683622	2.068426	-0.351024
	Au	1.683622	-2.068426	-0.351024
	Au	0.000000	0.000000	-1.569337
	Au	0.000000	0.000000	1.569337
	Au	-1.683622	-2.068426	0.351024
	Au	1.683622	2.068426	0.351024
	Au	-0.085526	-2.792391	-2.753845
	Au	0.085526	2.792391	-2.753845
	Au	0.000000	0.000000	-4.573679
	Cl	-2.430794	-0.331597	1.792637
	Cl	2.430794	0.331597	1.792637
	Cl	1.432006	3.865079	-1.150902
	Cl	-1.432006	-3.865079	-1.150902
	Cl	1.082834	-2.074371	-4.672865
	Cl	-1.082834	2.074371	-4.672865
	Cl	1.082834	2.074371	4.672865
	Cl	-1.082834	-2.074371	4.672865
	Cl	1.432006	-3.865079	1.150902
	Cl	-1.432006	3.865079	1.150902
	Cl	-2.430794	0.331597	-1.792637
	Cl	2.430794	-0.331597	-1.792637
12X ₃	Au	5.112307	-1.498578	0.418203
	Au	5.112307	1.498578	0.418203

13X ₁	Au	4.396864	4.396864	0.000000
	Au	1.498578	5.112307	-0.418203
	Au	-1.498578	5.112307	-0.418203
	Au	-4.396864	4.396864	0.000000
	Au	-5.112307	1.498578	0.418203
	Au	-5.112307	-1.498578	0.418203
	Au	-4.396864	-4.396864	0.000000
	Au	-1.498578	-5.112307	-0.418203
	Au	1.498578	-5.112307	-0.418203
	Au	4.396864	-4.396864	0.000000
	Cl	4.414844	0.000000	2.091293
	Cl	3.004182	5.825002	1.242184
	Cl	-3.004182	5.825002	1.242184
	Cl	-4.414844	0.000000	2.091293
	Cl	-3.004182	-5.825002	1.242184
	Cl	3.004182	-5.825002	1.242184
	Cl	5.825002	-3.004182	-1.242184
	Cl	5.825002	3.004182	-1.242184
	Cl	0.000000	4.414844	-2.091293
	Cl	-5.825002	3.004182	-1.242184
	Cl	-5.825002	-3.004182	-1.242184
	Cl	0.000000	-4.414844	-2.091293
	Au	-2.968578	2.27128	-0.831073
	Au	-0.289982	4.442672	-0.614641
	Au	-1.801832	-0.893322	-0.130576
	Au	-0.221744	1.613121	-0.215217
	Au	-2.791751	0.913641	1.955294
	Au	0.291393	-1.023363	-2.232822
	Au	-4.282951	-2.07224	0.937388
	Au	1.512728	-0.541107	0.350628
	Au	2.715694	1.865981	-0.337185
	Au	-1.817909	-3.643792	-1.156713
	Au	3.456692	-1.080931	-1.623255
	Au	2.877152	0.375232	2.658783
	Au	3.361939	-2.521546	1.275999
	Cl	-3.360883	0.12378	-1.709551
	Cl	-2.612112	4.492753	-0.154252
	Cl	0.134243	1.294561	-2.60109
	Cl	1.962059	4.500163	-1.098435
	Cl	-4.921384	-0.079644	2.00159

13X ₂	Cl	-0.663958	1.88152	2.154955
	Cl	2.739475	2.593717	1.978809
	Cl	3.587731	1.095292	-2.460951
	Cl	0.247368	-3.382559	-2.242919
	Cl	-0.285381	-1.897747	1.466479
	Cl	-3.853067	-4.128664	-0.102873
	Cl	3.692126	-3.318157	-0.906116
	Cl	3.143951	-1.807036	3.504217
	Au	-1.235456	3.883358	0.773675
	Au	0.117967	1.280225	1.428034
	Au	-2.32287	-2.828579	2.297021
	Au	-2.865461	-2.99275	-1.133259
	Au	-3.909694	2.671579	-0.289728
	Au	0.790877	-1.315756	2.81011
	Au	0.930707	2.548282	-1.175417
	Au	2.039125	-0.396354	-0.12551
	Au	-3.490423	0.089062	-2.724432
	Au	-0.452555	-1.925195	0.175324
	Au	3.229318	2.178808	0.753323
	Au	4.591514	-0.129672	-1.564893
	Au	2.580349	-3.066795	-1.218319
	Cl	-3.492599	-4.18434	0.786976
	Cl	0.656978	4.739551	-0.335126
	Cl	-3.224502	3.265134	1.874104
	Cl	1.833123	2.404378	2.645415
	Cl	-1.678306	0.141863	0.359086
	Cl	-1.277813	-1.504169	3.920855
	Cl	-2.342184	-1.898269	-3.135221
	Cl	4.835098	2.12109	-0.968051
	Cl	1.116969	0.455943	-2.225062
	Cl	2.98017	-1.27217	1.952235
	Cl	-4.652792	2.086956	-2.42133
	Cl	0.708598	-3.990607	-0.170667
	Cl	4.521475	-2.347764	-2.310764