

Aromatic Cage-Like B_{46} : Existence of the Largest Decagonal Holes in Stable Atomic Clusters

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Supplementary Information. The file contains

- Shapes and relative energies of the low-lying isomers of B_{46} obtained at the PBE0/6-311+G(d) level (Figure S1)
- Cartesian coordinates of the low-lying isomers B_{46} (Table S1)

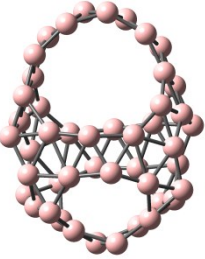
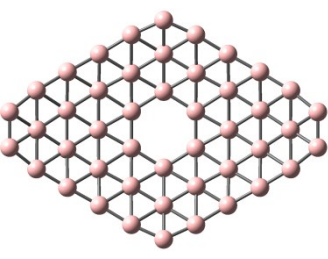
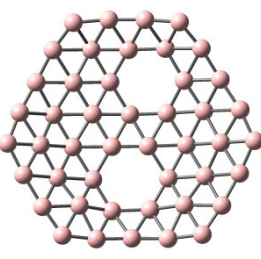
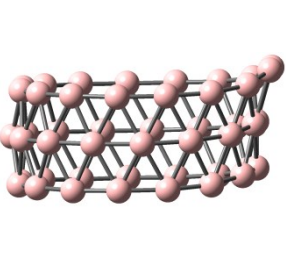
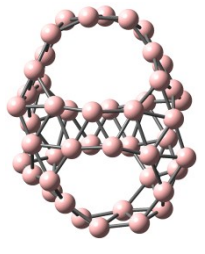
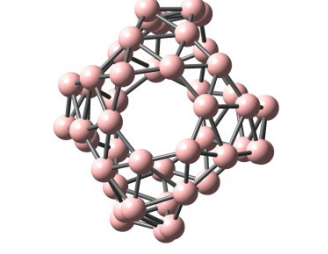
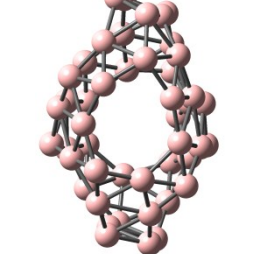
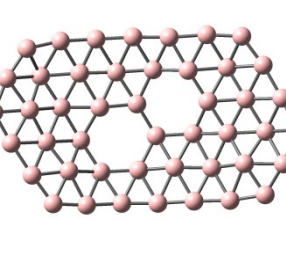
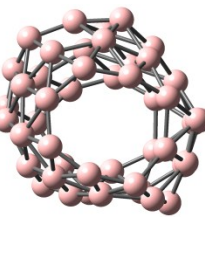
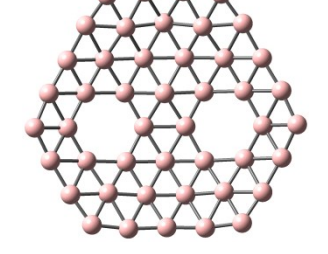
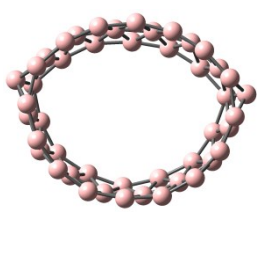
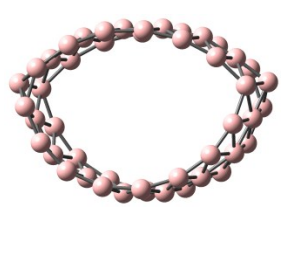
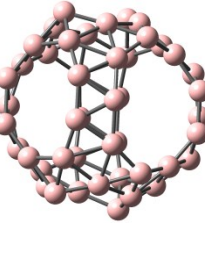
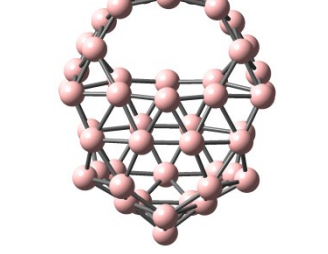
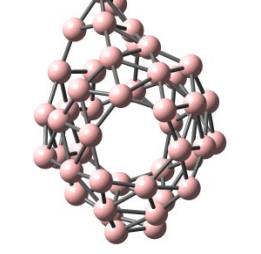
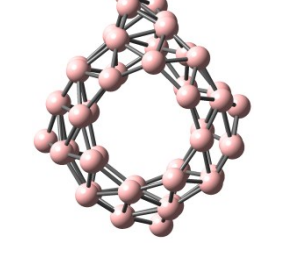
			
I (C_2 , 1A) 0.00	II (C_{2v} , 1A_1) - 0.24	III (C_1 , 1A) 0.36	IV (C_s , $^1A'$) 0.81
			
V (C_1 , 1A) 1.07	VI (C_1 , 1A) 1.24	VII (C_1 , 1A) 1.29	VIII (C_2 , 1A) 1.37
			
IX (C_1 , 1A) 1.40	X (C_s , $^1A'$) 1.46	XI (C_s , $^1A'$) 1.47	XII (C_1 , 1A) 1.73
			
XIII (C_s , $^1A'$) 1.76	XIV (C_s , $^1A'$) 1.77	XV (C_1 , 1A) 1.78	XVI (C_1 , 1A) 1.82

Figure S1 Shapes and relative energies (eV) of the low-lying isomers of B_{46} obtained at the PBE0/6-311+G(d) level

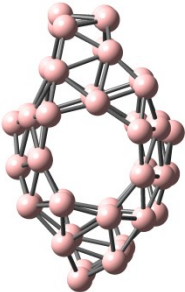
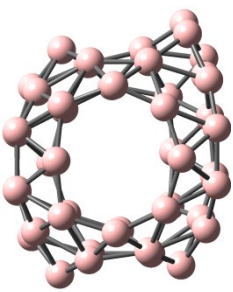
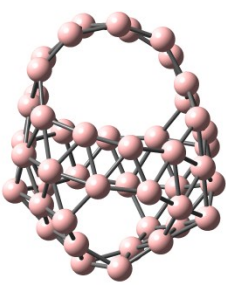
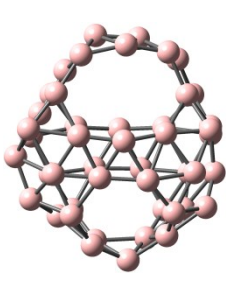
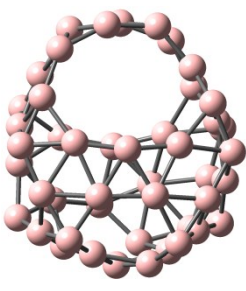
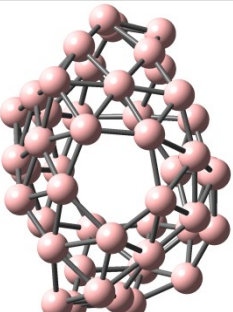
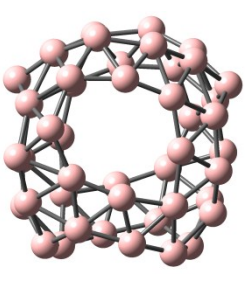
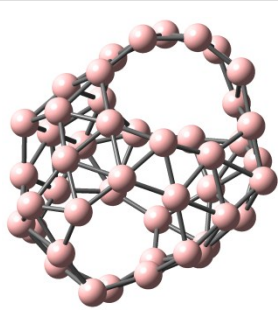
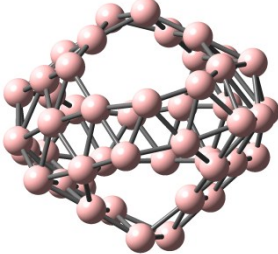
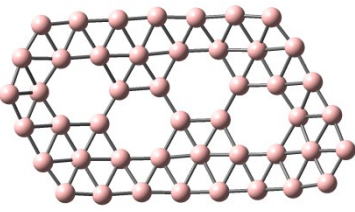
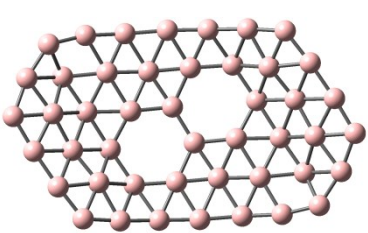
			
XVII (C_1 , 1A) 1.83	XVIII (C_1 , 1A) 1.94	XIX (C_1 , 1A) 2.05	XX (C_1 , 1A) 2.37
			
XXI (C_1 , 1A) 2.42	XXII (C_1 , 1A) 2.50	XXIII (C_1 , 1A) 2.54	XXIV (C_1 , 1A) 2.88
			
XXV (C_2 , 1A) 3.06	XXVI (C_1 , 1A) 3.06	XXVII (C_1 , 1A) 3.07	

Figure 1 (continued)

Table S1 Cartesian coordinates (Å) of the low-lying isomers at the PBE0/6-311+G(d)

Isomers	XYZ coordinates			
I	B	3.36435200	-1.24368100	0.60133400
	B	3.91499500	0.32509000	0.71996200
	B	1.68544800	1.48832700	2.32408300
	B	1.19265600	0.09423000	2.90530500
	B	1.17064700	-2.87921700	1.37282100
	B	-0.37859800	-2.05964800	1.84519300
	B	-0.13879000	1.03372700	2.40830300
	B	3.36482100	1.24287200	-0.60085900
	B	3.03162600	-1.56983900	-1.21033400
	B	1.28159700	-1.43094100	2.30091300
	B	-0.19640500	-0.63655600	2.58708800
	B	3.03188300	1.56926300	1.21075500
	B	3.91509500	-0.32602300	-0.71934600
	B	2.59678700	-2.17021200	1.66495800
	B	-0.26474800	-3.46834400	0.98348800
	B	2.41052900	-2.59632400	0.10776600
	B	0.39982000	2.55529500	1.71569800
	B	2.01529300	2.80221400	1.46337500
	B	2.41126100	2.59579000	-0.10751100
	B	-0.13869200	-1.03350300	-2.40861900
	B	-0.19573100	0.63675100	-2.58756900
	B	-3.23401900	2.39277200	-0.64555800
	B	-3.81680100	-1.76898000	-0.73942300
	B	-1.18184800	-2.14379600	-1.87180300
	B	-3.23514800	-2.39284000	0.64509100
	B	-2.34357600	2.39465900	0.76279400
	B	1.28242900	1.43058300	-2.30084600
	B	1.68558400	-1.48871400	-2.32420900
	B	-2.34394900	-2.39350400	-0.76283700
	B	-3.81645900	1.76984000	0.73916700
	B	-0.37777300	2.05984500	-1.84557300
	B	1.19316100	-0.09448600	-2.90555900
	B	-0.74958600	-2.98868600	-0.53792400
	B	0.39948000	-2.55504200	-1.71561700
	B	-0.74925600	2.98876000	0.53793400
	B	-0.26363600	3.46829700	-0.98356300
	B	-1.74406100	2.87597100	-0.96201300
B	1.17168000	2.87890300	-1.37275600	
B	-1.18186100	2.14465100	1.87226200	
B	-1.74514400	-2.87561700	0.96194700	
B	2.01482500	-2.80254500	-1.46321800	
B	2.59767700	2.16956100	-1.66464400	
B	-4.33592500	1.15224300	-0.71691600	
B	-4.33659400	-1.15184900	0.71660000	
B	-4.68181300	-0.38005900	-0.73943200	
B	-4.68123300	0.38076200	0.73929500	
II	B	-2.87786400	1.73790600	-0.35870400

	B	-1.44492900	-2.49962300	-0.38415800
	B	0.00000000	3.34962300	-0.35295000
	B	-4.28636900	0.86218500	-0.15972400
	B	-1.44492900	2.49962300	-0.38415800
	B	-2.89687400	0.00000000	-0.61233700
	B	-4.26435700	2.55239800	0.23010600
	B	1.44492900	2.49962300	-0.38415800
	B	2.87786400	1.73790600	-0.35870400
	B	-2.84416000	3.34208600	0.06691600
	B	-2.87786400	-1.73790600	-0.35870400
	B	-4.26435700	-2.55239800	0.23010600
	B	4.28636900	-0.86218500	-0.15972400
	B	-1.42081300	-0.81497100	-0.72515100
	B	-1.42589900	4.19389500	0.17677900
	B	1.42081300	-0.81497100	-0.72515100
	B	0.00000000	-1.68686200	-0.77226000
	B	-1.42589900	-4.19389500	0.17677900
	B	4.28636900	0.86218500	-0.15972400
	B	-4.28636900	-0.86218500	-0.15972400
	B	-2.84416000	-3.34208600	0.06691600
	B	2.87786400	-1.73790600	-0.35870400
	B	1.44492900	-2.49962300	-0.38415800
	B	0.00000000	1.68686200	-0.77226000
	B	1.42081300	0.81497100	-0.72515100
	B	0.00000000	-3.34962300	-0.35295000
	B	-1.42081300	0.81497100	-0.72515100
	B	0.00000000	4.84119500	0.34465900
	B	1.42589900	4.19389500	0.17677900
	B	2.84416000	3.34208600	0.06691600
	B	4.26435700	2.55239800	0.23010600
	B	5.63349200	1.73403000	0.57365600
	B	5.63349200	-1.73403000	0.57365600
	B	4.26435700	-2.55239800	0.23010600
	B	2.84416000	-3.34208600	0.06691600
	B	1.42589900	-4.19389500	0.17677900
	B	0.00000000	-4.84119500	0.34465900
	B	5.61361800	0.00000000	0.35911800
	B	6.82692200	0.78554100	1.09716500
	B	6.82692200	-0.78554100	1.09716500
	B	-5.63349200	-1.73403000	0.57365600
	B	-5.61361800	0.00000000	0.35911800
	B	-5.63349200	1.73403000	0.57365600
	B	2.89687400	0.00000000	-0.61233700
	B	-6.82692200	-0.78554100	1.09716500
	B	-6.82692200	0.78554100	1.09716500
III	B	-3.97551982	3.14250475	-0.47141192
	B	-1.20681880	4.83723534	-0.54283497
	B	-5.17035025	2.15681505	-0.74781390
	B	1.71584004	3.39377304	0.26658602
	B	-2.51141440	2.42676960	0.41080007
	B	0.25675760	4.16019819	0.11809602

	B	1.89968794	0.11546915	0.70862304
	B	-2.40674744	-0.96114434	0.78026710
	B	-5.21628933	0.56612603	-0.56219189
	B	-0.96625695	-0.07746251	0.60495908
	B	0.47902748	-0.81225867	0.65181307
	B	-5.13794638	-1.07635893	-0.53919287
	B	-2.30000450	-2.58979328	0.62847211
	B	0.59571645	-2.50396461	0.79336308
	B	-2.57355830	3.97944356	-0.26394495
	B	-1.12152787	3.25394940	0.28556805
	B	-2.47435142	0.73551162	0.69120208
	B	-3.83269884	1.45950883	-0.07706291
	B	0.40175452	0.85561528	0.94162405
	B	-2.15194261	-4.14612920	0.02623613
	B	-3.62267901	-3.45334705	-0.19743387
	B	-4.93202149	-2.63486381	-0.57110086
	B	3.28364343	0.98828694	0.37977602
	B	3.45338040	-0.67500296	0.61286104
	B	2.04753292	-1.58939777	0.76175306
	B	-0.78828003	-3.40164341	0.63805410
	B	3.22424247	2.66617291	0.35808901
	B	1.83696399	1.75789711	0.69392803
	B	3.36397827	-2.20308402	-0.17364695
	B	2.03045582	-3.15993078	0.07048307
	B	0.59549223	-3.87485062	-0.26701891
	B	-0.75293918	-4.89258539	-0.32058788
	B	0.66552513	-5.44635758	-0.79389589
	B	2.03050669	-4.68559479	-0.80041491
	B	3.42530117	-3.77950599	-0.83377493
	B	-3.60326098	-1.77243704	-0.09539088
	B	-1.06665493	1.62604444	0.76054406
	B	0.17867785	5.44362614	-0.96055599
	B	1.62555718	4.87091198	-0.64132300
	B	3.08927659	4.17341682	-0.45244600
	B	-3.85398990	-0.17334518	0.26748011
	B	4.68538063	-2.83359226	-0.92517796
	B	4.82157076	-1.32177218	-0.45092397
	B	4.77745986	0.24681880	0.00851201
	B	4.73697592	1.86324877	-0.17722200
	B	4.44454706	3.34507860	-0.59372301
IV	B	-1.37347097	-3.38396172	-2.24894896
	B	-1.51869195	-2.17510114	-3.26869228
	B	-1.63292793	-0.66279886	-3.75998142
	B	-1.74936392	0.92342102	-3.54401852
	B	-1.75837593	2.32546459	-2.78559973
	B	-1.30723599	-4.03057554	-0.79300833
	B	-1.30723599	-4.03057554	0.79300833
	B	-1.37347097	-3.38396172	2.24894896
	B	-1.51869195	-2.17510114	3.26869228
	B	-1.63292793	-0.66279886	3.75998142
	B	-1.74936392	0.92342102	3.54401852

	B	-1.75837593	2.32546459	2.78559973
	B	-1.61076398	3.31199714	1.52924384
	B	-1.48870696	3.72162901	0.00000000
	B	-1.61076398	3.31199714	-1.52924384
	B	0.19793702	-3.75719008	-1.62246115
	B	0.10124605	-2.82015131	-2.98454562
	B	-0.04256794	-1.36509286	-3.77340380
	B	-0.17275992	0.25026227	-3.99074688
	B	-0.24375592	1.80754897	-3.47377900
	B	0.24501200	-4.14674100	0.00000000
	B	0.19793702	-3.75719008	1.62246115
	B	0.10124605	-2.82015131	2.98454562
	B	-0.04256794	-1.36509286	3.77340380
	B	-0.17275992	0.25026227	3.99074688
	B	-0.24375592	1.80754897	3.47377900
	B	-0.21287699	3.07502762	2.43430072
	B	-0.02790797	3.81184149	0.89854614
	B	-0.02790797	3.81184149	-0.89854614
	B	-0.21287699	3.07502762	-2.43430072
	B	1.66674003	-3.05603672	-2.26469873
	B	1.56242406	-1.92806609	-3.38110009
	B	1.42171307	-0.43302378	-3.93231125
	B	1.31708408	1.16659920	-3.88785834
	B	1.24666908	2.60752981	-3.21060853
	B	1.73939201	-3.68223856	-0.79352109
	B	1.73939201	-3.68223856	0.79352109
	B	1.66674003	-3.05603672	2.26469873
	B	1.56242406	-1.92806609	3.38110009
	B	1.42171307	-0.43302378	3.93231125
	B	1.31708408	1.16659920	3.88785834
	B	1.24666908	2.60752981	3.21060853
	B	1.33327302	3.76897080	2.09562414
	B	1.68715806	4.47264343	-0.77500546
	B	1.33327302	3.76897080	-2.09562414
	B	1.68715806	4.47264343	0.77500546
V	B	2.81092326	1.97248966	-0.65481803
	B	4.11378994	-0.78640549	-0.74610405
	B	1.50497482	-1.72977419	-1.98757202
	B	0.91468797	-0.38808312	-2.60800501
	B	0.25056334	2.79001995	-1.68836600
	B	-1.07508780	1.60602410	-2.08286498
	B	-0.35446615	-1.45461298	-2.19589900
	B	3.73355385	-1.72279045	0.51950595
	B	2.30442434	2.48930671	1.05070597
	B	0.69517216	1.23516590	-2.30019201
	B	-0.59433997	0.15039005	-2.57866899
	B	3.05124180	-1.98169337	-1.14930704
	B	3.54538723	1.52079857	0.80391196
	B	1.80782329	2.34188677	-1.85875002
	B	-1.30842762	3.11132613	-1.44441598
	B	1.48111739	3.04928181	-0.42696901

	B	0.27467369	-2.90007705	-1.44202301
	B	1.87432368	-3.08993523	-1.16890903
	B	2.30345975	-2.59666829	0.36265297
	B	-0.72718577	1.36237606	2.25590601
	B	-0.46403095	-0.24375097	2.72215201
	B	-3.33727520	-2.23305864	0.94350504
	B	-4.30251787	0.71742647	0.55547205
	B	-1.98768269	2.19530820	1.66007503
	B	-3.89344082	1.30298742	-0.91639195
	B	-2.44685225	-2.51690374	-0.51303797
	B	1.10650198	-0.79685815	2.24909099
	B	0.94541232	2.15975887	2.08573199
	B	-3.06190975	1.77347833	0.53467204
	B	-3.90569617	-1.79875658	-0.52848795
	B	-0.50858413	-1.73592397	2.14271500
	B	0.77888916	0.74599589	2.78954599
	B	-1.67810665	2.70881217	0.12339902
	B	-0.52384161	2.86725204	1.38748201
	B	-0.83712130	-3.01279693	-0.11646299
	B	-0.33291130	-3.18550399	1.43010900
	B	-1.84371625	-2.70852281	1.30329002
	B	1.06795979	-2.35210515	1.54428898
	B	-1.31889728	-2.64653687	-1.65707299
	B	-2.60015972	2.19007528	-1.29761396
	B	0.99093345	3.43076486	1.08966499
	B	2.46118290	-1.39044030	1.56372097
	B	-4.17249704	-0.83889655	0.82387705
	B	-4.27822000	-0.27567053	-0.79176695
	B	3.53225004	-0.15186143	0.77243696
	B	4.00372213	0.81670152	-0.56021305
VI	B	1.39864600	-0.00178900	-2.59938700
	B	0.02990300	0.80180900	-3.14960900
	B	-0.40109300	3.09341400	-1.35942300
	B	1.11516200	3.33873900	-0.98400100
	B	3.40630000	-0.35443800	-0.54291400
	B	3.43374600	0.59247900	0.98581500
	B	0.17802600	3.17204000	0.40443300
	B	-1.40401200	0.01163700	-2.59590200
	B	0.98212400	-1.79498200	-2.46766300
	B	3.63818000	1.32387700	-0.61105000
	B	3.10823100	2.16478800	0.67598800
	B	-0.98773700	1.80547800	-2.45939900
	B	-0.03647500	-0.78871500	-3.15287400
	B	2.63180400	0.60276900	-1.73223200
	B	3.51693600	-1.04377200	0.92984700
	B	2.38908400	-1.08502600	-1.71101600
	B	-1.51616100	2.91108600	0.07032400
	B	-1.93874200	2.66689400	-1.49194600
	B	-2.39309500	1.09045600	-1.70354800
	B	-0.17834600	-3.16871500	0.39403200
	B	-3.10842100	-2.16604900	0.67476300

	B	-1.41954900	0.04431900	3.15752700
	B	-0.02122200	-0.83789100	3.21001000
	B	0.87143600	-2.79561400	1.55854000
	B	1.42916400	-0.05946700	3.15784700
	B	-1.22934700	1.59501800	2.63244800
	B	-3.64006000	-1.32085000	-0.60838200
	B	0.39647400	-3.08598100	-1.37143600
	B	1.23966500	-1.60797800	2.62712500
	B	0.03058700	0.82220200	3.21392000
	B	-3.43653900	-0.59497100	0.98974300
	B	-1.11783200	-3.33555100	-0.99238800
	B	2.29633900	-2.05476900	1.31490600
	B	1.51519700	-2.91033400	0.05658800
	B	-2.29280500	2.04970300	1.32739200
	B	-3.51440400	1.04064800	0.94114500
	B	-2.57850500	0.43064300	2.13068400
	B	-3.40660400	0.35675900	-0.53480300
	B	-0.86720200	2.79018400	1.56986500
	B	2.58631100	-0.44087200	2.12699800
	B	1.93517300	-2.66148500	-1.50575400
	B	-2.63537600	-0.59769000	-1.73010700
	B	-1.81165500	-3.12766700	0.46002500
	B	-2.35321400	-2.21447100	-0.88821100
	B	1.81258600	3.12873200	0.46631300
	B	2.34732300	2.21540400	-0.88423500
VII	B	4.34628700	0.03158300	0.57329500
	B	-0.91290700	1.88684400	-2.00961600
	B	1.08357400	3.12722500	0.53723400
	B	-2.56812100	-2.76386100	-0.54086400
	B	-0.03407900	-2.67708100	0.81458500
	B	2.36372800	-1.47980900	-1.54468700
	B	0.47097700	1.09656300	2.55478500
	B	-3.18907500	2.13224800	0.49997900
	B	-0.01963400	2.29941200	1.59268800
	B	-0.39060200	-0.95655000	-2.17395800
	B	-1.52133500	0.16778800	-2.08254200
	B	-4.61455300	-0.03137700	-0.53400600
	B	-1.00603300	-3.11776600	-0.63641600
	B	3.07069000	-0.03301200	1.65914700
	B	0.51289400	-3.56516800	-0.53668400
	B	-3.11182800	0.04856000	-1.58239300
	B	1.75436700	2.51906000	-1.09329700
	B	0.69488000	2.13347800	-2.24458400
	B	0.20029200	0.60677100	-2.41368000
	B	3.94168700	-0.89982500	-0.89908700
	B	1.17972700	-0.74094000	-2.29308400
	B	-3.90029900	1.42003200	-0.77683600
	B	-2.42621800	1.47968300	-1.69058100
	B	0.56263600	-2.10319600	-1.41873900
	B	1.94993500	-3.02269500	-0.82541300
	B	1.53456900	-0.07140100	2.30723200

	B	-1.68575900	2.50170200	1.13045300
	B	0.07306900	2.86544000	-0.92777800
	B	3.43079700	-2.39982200	-0.69147200
	B	-0.51246100	3.42280200	0.50399300
	B	-0.77850800	-1.86261600	2.04949800
	B	2.37606600	-1.46908600	1.94246800
	B	0.82241500	-1.80457300	2.02050000
	B	-3.71299400	0.56384800	0.81915500
	B	-2.67202900	1.32319900	1.81606800
	B	-1.14551800	1.13154300	2.26885000
	B	-3.39815900	-2.23202900	0.75068800
	B	-0.22615500	-0.36644400	2.36751300
	B	-1.75325500	-2.40499200	0.88012600
	B	3.47981600	-1.44464300	0.72085800
	B	4.21982000	0.75910900	-0.84510200
	B	2.64466000	2.81305800	0.31387600
	B	3.33652000	2.12424100	-0.95977800
	B	3.47447900	1.37701300	0.58447100
	B	-4.40373700	-0.99605200	0.72388800
	B	-3.54062500	-1.38826700	-0.71075300
VIII	B	-1.42593400	2.04024700	-0.64201300
	B	0.19747500	2.23022600	-0.51800500
	B	-3.02642700	1.92449000	-0.28488100
	B	-3.76949700	0.37092400	-0.51242700
	B	-2.06720000	0.45575900	-0.50877000
	B	-0.44881900	0.68172900	-0.77764500
	B	-2.84819500	-1.04429300	-0.79806000
	B	2.10759600	-0.49687400	-0.81294100
	B	0.46576400	-0.68070200	-0.99403100
	B	3.64554800	-0.38053400	-0.11837300
	B	2.69619700	0.96831900	-0.16537500
	B	5.06038600	2.70152900	0.36805300
	B	3.45709100	2.50717000	-0.26945000
	B	1.75776900	2.29261200	-0.04247800
	B	5.96537900	1.29872900	0.61729500
	B	4.36586200	1.16430800	-0.01445000
	B	5.31456200	-0.21544100	0.10150300
	B	-1.88557400	-2.38687200	-0.83378500
	B	-3.27756700	-2.39481900	0.21540500
	B	-0.22450000	-2.22121800	-0.81797900
	B	1.36799900	-2.01111000	-0.46731500
	B	3.00725300	-1.94527600	-0.31533900
	B	4.45676700	-1.66343100	0.53677800
	B	4.05152300	3.92408100	0.35300600
	B	2.49887900	3.90635900	0.09142100
	B	0.84585100	3.70664600	-0.01800600
	B	-0.75457000	3.63469000	-0.14381700
	B	-2.38496300	3.45826000	-0.20496400
	B	-3.93960900	3.30323900	0.16266200
	B	-4.33648200	-1.16717600	0.05180200
	B	-5.13816100	0.21596600	0.50093900

	B	-4.74685500	1.70983900	-0.29521100
	B	3.90164500	-3.32142700	0.23755400
	B	2.30697600	-3.44450700	-0.05745900
	B	0.70976000	-3.62987500	-0.36972100
	B	-0.88795500	-3.71683500	-0.47780300
	B	-2.42546200	-3.85803800	0.07835100
	B	-5.86835600	-1.28883600	0.84884200
	B	-4.87618400	-2.64576400	0.78978000
	B	-3.88563600	-3.86031100	0.67364200
	B	-5.38725200	2.91358400	0.69135500
	B	-6.19823000	1.55462200	0.77748400
	B	-6.69737700	0.03993800	1.00688200
	B	5.44288500	-2.98919800	0.56203900
	B	6.18648800	-1.58283900	0.79570500
	B	6.69115300	-0.05789100	0.99980300
IX	B	1.26372700	-2.73199800	0.78753000
	B	-0.74843600	-3.30324400	-1.16317300
	B	-1.32993900	2.83503300	-0.56410700
	B	3.04429400	1.31852600	-0.38676800
	B	-3.07417200	-0.00104500	-0.46672000
	B	0.52911800	-2.35976300	-1.76494400
	B	-2.88406500	-1.68914900	-0.05829000
	B	0.74611500	-3.55049700	-0.59236900
	B	1.20995500	3.34690300	0.63434100
	B	1.99828000	-1.87880100	2.02160600
	B	0.41463600	0.83873200	2.72759500
	B	2.86965900	0.01664900	-1.51800400
	B	2.68319500	-1.76392700	0.54485500
	B	1.93868600	0.96801200	2.10780700
	B	-3.37164400	1.12924600	0.78172500
	B	-2.79964300	1.76956300	-0.56348900
	B	-0.27532400	-0.76164700	2.70273200
	B	-2.43247800	1.01618900	2.10253000
	B	3.41035200	-0.31159500	0.11002000
	B	-1.98398300	-0.67749400	2.44436700
	B	-2.20139000	-2.61624700	-1.18835500
	B	1.50275900	0.34723900	-2.53873000
	B	0.74941200	1.98347300	1.54457100
	B	-0.44872400	2.78834500	-1.98508200
	B	2.35762500	2.23850800	0.96752300
	B	0.86935300	1.90203700	-2.56522300
	B	-1.15086200	-2.19183900	2.21106600
	B	-1.23512600	-0.24990200	-2.67766500
	B	0.44663100	-2.21972700	2.25567500
	B	2.03084100	-2.66603400	-0.91824700
	B	-1.97045300	2.20306000	-1.90119700
	B	2.31451100	1.56963000	-1.79974800
	B	2.78550600	-0.47969400	1.73346300
	B	-2.48554900	0.60235300	-1.92039000
	B	-0.84514700	1.88911300	2.08974800
	B	0.05965400	0.54655300	-3.16477900

	B	-2.59272200	-1.95466300	1.57755100
	B	3.19348400	-1.50847200	-1.01280900
	B	0.17537800	3.45996900	-0.55230600
	B	3.40374300	0.96689500	1.22742400
	B	-3.18115600	-0.49097100	1.14527400
	B	-0.45800600	3.01816200	0.96953700
	B	-1.05479600	-1.93674300	-2.16796200
	B	0.29649500	-0.99857200	-2.60149800
	B	-1.25875400	0.63077800	3.07840300
	B	-2.51104400	-1.04294600	-1.69349100
X	B	3.80668700	-3.31304000	-0.41917900
	B	0.94925000	-4.90914600	-0.45825500
	B	5.07051100	-2.40994900	-0.60284100
	B	-1.92025900	-3.33612400	0.26104500
	B	2.35959600	-2.53617300	0.31646700
	B	-0.51343100	-4.12295900	0.10518000
	B	-1.97782600	0.00097600	0.88495400
	B	2.39759400	0.85652300	0.64231800
	B	5.19837100	-0.81598300	-0.40976800
	B	0.89738000	-0.00023200	0.51600900
	B	-0.50828300	0.88008700	0.85127000
	B	5.19979800	0.81114400	-0.40738300
	B	2.36397500	2.53445200	0.31757000
	B	0.94593100	1.67250300	0.79370300
	B	2.33789400	-4.11041500	-0.24394900
	B	0.95345900	-3.34836300	0.29287000
	B	2.39751000	-0.85905000	0.64406300
	B	3.70721500	-1.62928600	-0.11540800
	B	-0.50904600	-0.87929100	0.85059800
	B	2.34201100	4.10804700	-0.24487700
	B	3.81081200	3.30965500	-0.41763200
	B	5.07405200	2.40538500	-0.60002900
	B	-3.40485600	-0.82474700	0.37777700
	B	-3.40364000	0.82795800	0.37733000
	B	-1.97708400	1.65339400	0.67610000
	B	0.95688500	3.34660400	0.29088000
	B	-3.29893100	-2.44807200	0.00897200
	B	-1.97853400	-1.65151100	0.67539800
	B	-3.29748400	2.45180000	0.01139000
	B	-1.91704000	3.33807200	0.26056400
	B	-0.50926800	4.12250300	0.10377100
	B	0.95402500	4.90767500	-0.45907700
	B	-0.48689000	5.53860800	-0.78519000
	B	-1.88344600	4.88094200	-0.52266600
	B	-3.32982400	4.05381700	-0.51346700
	B	3.70871100	1.62552800	-0.11600000
	B	0.94431800	-1.67313500	0.79505400
	B	-0.49226800	-5.53851800	-0.78451700
	B	-1.88801900	-4.87933600	-0.52256100
	B	-3.33356600	-4.05049400	-0.51406800
	B	3.87994000	-0.00179700	0.37096900

	B	-4.62050800	3.17128800	-0.66934300
	B	-4.80580400	1.62400100	-0.37886200
	B	-4.76954200	0.00231400	-0.18922600
	B	-4.80714100	-1.61896100	-0.37975100
	B	-4.62323400	-3.16669700	-0.67020400
XI	B	-0.00002400	3.46345600	1.70490400
	B	-1.52417300	3.01297500	1.67131800
	B	-2.90732500	2.21456800	1.57913300
	B	-3.69302800	0.87133600	1.37876500
	B	-4.12805900	-0.71841700	1.15157500
	B	-2.95588000	-1.83525600	1.54760700
	B	-1.58963000	-2.56192600	1.82642200
	B	0.00007900	-2.72696400	1.87692400
	B	1.58973400	-2.56214300	1.82629600
	B	2.95594400	-1.83542400	1.54743100
	B	4.12792500	-0.71844300	1.15166800
	B	3.69291300	0.87135300	1.37886300
	B	2.90732000	2.21463600	1.57917500
	B	1.52413600	3.01298000	1.67135100
	B	-4.28471600	0.47841300	-0.21417100
	B	-3.67239200	1.97390400	0.01154800
	B	0.83991200	3.64012600	0.20444400
	B	2.32830800	2.96828100	0.11762700
	B	3.67237500	1.97385500	0.01162700
	B	4.92575700	-1.00788600	-0.37304400
	B	4.28484000	0.47829000	-0.21391900
	B	-3.70034600	-1.99947100	0.01155300
	B	-2.44779100	-2.99255600	0.35512800
	B	2.44781200	-2.99262600	0.35488300
	B	0.81052000	-3.35332300	0.48299900
	B	-0.81059700	-3.35348200	0.48319800
	B	-4.92579600	-1.00783400	-0.37303200
	B	-0.83991800	3.64020200	0.20442100
	B	-2.32824000	2.96817000	0.11751900
	B	3.70055200	-1.99967500	0.01132100
	B	0.00004800	3.65418400	-1.36515700
	B	-1.58083700	3.45722400	-1.34411700
	B	-2.92327000	2.58458900	-1.49079100
	B	-3.90210000	1.35989700	-1.67697200
	B	-4.43473600	-0.16191900	-1.77758200
	B	-4.12286300	-1.77882600	-1.64478300
	B	-2.96904200	-2.86861100	-1.37488900
	B	-1.58220800	-3.56531800	-1.06985000
	B	-0.00007300	-3.82554900	-0.96013400
	B	1.58202500	-3.56533800	-1.07021900
	B	2.96892500	-2.86867100	-1.37497200
	B	4.12275200	-1.77877100	-1.64497800
	B	4.43465200	-0.16185500	-1.77754200
	B	3.90220900	1.35993800	-1.67678000
	B	2.92336300	2.58461300	-1.49069700
	B	1.58094200	3.45729400	-1.34407400

XII	B	-1.81387800	-3.24752900	1.28747500
	B	-0.24672400	-3.36023900	1.53133600
	B	1.27427900	-2.92218300	1.71329300
	B	2.58857300	-2.00282400	1.82940500
	B	3.52709700	-0.73239800	1.73821700
	B	4.09067900	0.82804500	1.49885400
	B	2.87581500	1.99799300	1.58881500
	B	1.47655700	2.73798800	1.62448400
	B	-0.08228400	3.11125100	1.51723200
	B	-1.68381300	3.07510100	1.46860500
	B	-3.16692600	2.53190300	1.44200000
	B	-4.48057300	1.60424900	1.37309700
	B	-4.96178500	0.03768700	1.26571200
	B	-4.32567700	-1.43164600	1.20662500
	B	-3.26573400	-2.59335600	1.15054800
	B	3.66247100	-1.89534800	0.44335900
	B	2.30590700	-2.85258000	0.30772700
	B	-2.32570100	-2.83908600	-0.30481200
	B	-3.68875000	-1.89381700	-0.44714900
	B	-4.43107400	-0.45422700	-0.26136100
	B	-3.78076700	2.00397800	-0.13183000
	B	-5.08798200	1.02400000	-0.10777900
	B	5.10160400	1.00065700	0.10495100
	B	3.79422600	1.98362700	0.12607600
	B	-0.79484900	3.21190000	-0.04199900
	B	0.81691300	3.21269200	0.03830700
	B	2.44031900	2.85709100	0.15856000
	B	4.43824600	-0.47361100	0.27984200
	B	-0.83813100	-3.47345100	-0.14440000
	B	0.81068800	-3.45665100	0.14113100
	B	-2.42214800	2.87557600	-0.16289600
	B	-1.29368400	-2.91885100	-1.71460400
B	0.21976300	-3.37770200	-1.53001700	
B	1.78828400	-3.24497700	-1.28955900	
B	3.24891700	-2.60810500	-1.14515000	
B	4.31391900	-1.45137200	-1.20102200	
B	4.97041100	0.00921400	-1.25692300	
B	4.48932900	1.57375200	-1.37497900	
B	3.18169000	2.51042300	-1.44550100	
B	1.70353700	3.06554700	-1.47429700	
B	0.10389900	3.10621600	-1.52135700	
B	-1.45856800	2.74685200	-1.62865200	
B	-2.85624600	2.00835300	-1.59074400	
B	-4.07546800	0.84374900	-1.49501600	
B	-3.52693800	-0.71987100	-1.73477700	
B	-2.61542300	-2.00801900	-1.83082700	
XIII	B	1.58384000	3.51709200	0.05917100
	B	-1.58140700	3.51753100	0.05905800
	B	-0.83750300	1.37672700	2.72936900
	B	0.83718500	1.37640300	2.72894600
	B	3.53655600	1.14351900	1.01776100

	B	1.54697200	-0.18819800	2.62987900
	B	-1.54730600	-0.18784000	2.62966000
	B	-2.08489900	2.43907000	-1.18705700
	B	2.08665500	2.43796600	-1.18704900
	B	2.26636200	1.43320000	1.99392700
	B	-0.00025700	0.01203100	3.02538200
	B	-2.59911700	2.38727100	0.57248500
	B	-0.79045300	3.42970200	-1.37800100
	B	2.60037500	2.38582500	0.57322600
	B	2.94433600	-0.24529700	1.61533500
	B	3.20871300	1.20174200	-0.57445000
	B	-2.94425200	-0.24347300	1.61471000
	B	-3.53601200	1.14564900	1.01729200
	B	-2.26647500	1.43499400	1.99402600
	B	-3.20834100	1.20376900	-0.57508400
	B	0.82125200	-1.57884900	-2.75935200
	B	-0.82194400	-1.57850800	-2.75961500
	B	-0.85647200	-3.60381800	-0.03694300
	B	0.85403100	-3.60365500	-0.03720100
	B	3.37243600	-1.77485000	-0.87697200
	B	1.56673700	-2.74500300	1.17902300
	B	-1.56868800	-2.74439500	1.17867600
	B	-1.60546500	-0.09335800	-2.54519500
	B	1.60578600	-0.09418100	-2.54477300
	B	2.09273400	-2.75932200	-0.52857000
	B	-0.00105300	-3.17445700	1.26170300
	B	-2.17871600	-1.79520700	-1.95236200
	B	0.00016900	-0.17604200	-2.89114200
	B	2.17784200	-1.79647900	-1.95179400
	B	2.95626000	-1.70239200	0.68781100
	B	2.99369200	-0.26279700	-1.42785900
	B	-2.95792200	-1.70082300	0.68725000
	B	-3.37338100	-1.77306400	-0.87752800
	B	-2.09396400	-2.75809100	-0.52906300
	B	-2.99231000	-0.26111700	-1.42726900
	B	-2.20030300	-1.57866500	2.12763700
	B	2.19893400	-1.57986100	2.12827100
	B	2.53527000	1.15199000	-2.06956300
	B	-2.53419100	1.15342600	-2.06984600
	B	0.00141400	3.82254100	0.05409600
	B	0.79287700	3.42929300	-1.37800800
XIV	B	-2.86631100	2.08234400	0.80360800
	B	-3.78768300	-1.57940400	-0.54923200
	B	-0.42263200	-1.55537200	2.26865800
	B	-1.33005800	-2.94880800	0.24649600
	B	-1.20900600	-0.00046600	-2.44860500
	B	1.77027000	1.42186500	-2.37806900
	B	-2.44367600	2.38183400	-0.97458500
	B	0.36528900	2.40278800	-1.85136900
	B	3.79498300	-0.00177700	-0.82797700
	B	2.59328900	-1.68440400	1.93606000

	B	3.19013500	0.84476000	0.55695900
	B	0.19228700	-0.81910300	-2.60938100
	B	1.85167400	-2.62412400	-1.20108900
	B	1.14280600	-0.82312200	2.35079800
	B	-0.42130300	1.55738600	2.26752400
	B	1.18139500	2.47496500	1.77646000
	B	3.18929400	-0.84650600	0.55756400
	B	-0.23815200	0.00116500	2.73368400
	B	1.17940700	-2.47414200	1.77838100
	B	-0.28215000	-3.10703400	1.56818300
	B	2.70137400	1.26640900	-1.00152000
	B	1.14388800	0.82409500	2.35092200
	B	2.16869800	2.23793700	0.33977000
	B	-3.87627900	0.78410300	0.87194300
	B	2.69982600	-1.26877000	-1.00058600
	B	0.19308500	0.81659000	-2.60977500
	B	-1.22697600	-1.56320700	-1.96392300
	B	0.36283900	-2.40535600	-1.84922700
	B	-1.72972700	2.55997200	1.84005700
	B	-1.22562800	1.56273500	-1.96505600
	B	-1.32726100	2.94984400	0.24476700
	B	-3.78597900	1.58168800	-0.55009700
	B	-0.27964900	3.10887300	1.56656500
	B	-1.73185000	-2.55689800	1.84142100
	B	1.85390600	2.62204000	-1.20292300
	B	1.76900700	-1.42477000	-2.37717300
	B	-2.44623800	-2.38112000	-0.97342000
	B	-1.03642200	3.08191700	-1.35346900
	B	2.16636600	-2.23901800	0.34133600
	B	2.59454600	1.68402800	1.93477800
	B	-1.03967600	-3.08272600	-1.35192800
	B	-2.86801100	-2.07970700	0.80454600
	B	-4.15479700	0.00140100	-0.57799300
	B	-3.87722100	-0.78086700	0.87233800
	B	2.68141000	-0.00019400	2.00214100
	B	2.82091200	-0.00184500	-2.23756200
XV	B	-3.43202200	0.08130400	0.45569800
	B	-2.55022200	-2.20890100	-0.79587400
	B	-0.95916800	-1.85958600	2.23743300
	B	-1.16165600	-3.06683800	-0.20568500
	B	-0.83264700	-0.12487000	-3.02110900
	B	0.51919700	2.60578800	-1.83230000
	B	-3.22170600	0.57063200	-1.32948300
	B	-1.09484600	2.41074000	-1.68858600
	B	3.07045700	1.83056800	-0.49045500
	B	1.96779300	-1.65987700	2.10696300
	B	2.03223700	1.76938100	0.91849800
	B	0.72913100	-0.30563400	-2.73855300
	B	2.44999700	-1.37142200	-0.68100200
	B	0.56400300	-0.99415200	2.60411100
	B	-1.56638700	1.04379900	2.36550500

	B	-0.42306100	2.44247200	2.09214800
	B	3.12652400	-1.12415100	0.94706300
	B	-0.96470900	-0.40891200	2.93141300
	B	0.63343000	-2.54504100	1.83809400
	B	-0.78395800	-3.24288700	1.37459200
	B	1.54086800	2.57485100	-0.55410900
	B	0.16395000	0.70033900	2.76892100
	B	0.69418100	2.81461900	0.97337900
	B	-3.36137700	-1.56850900	0.55101700
	B	3.46978200	0.34670700	-1.35880100
	B	-0.04424900	1.24738000	-2.50734000
	B	-0.40936000	-1.57729900	-2.37213700
	B	1.26221700	-1.67260600	-1.77365800
	B	-3.00933300	1.15368600	1.57914300
	B	-1.81732100	0.95268500	-2.34001000
	B	-2.95423800	1.67985700	0.03228600
	B	-3.58739000	-0.92691900	-0.88172700
	B	-1.99158500	2.38612000	1.32245500
	B	-2.15801800	-2.46253000	1.12568900
	B	-0.11967800	3.36301200	-0.54701600
	B	2.22874800	-0.30845400	-2.02778000
	B	-1.43278400	-2.73962100	-1.80048000
	B	-2.67808700	2.07768700	-1.53402700
	B	1.96253500	-2.50932200	0.74213100
	B	1.14414700	1.86029200	2.23653700
	B	0.11332000	-2.92396400	-1.38590600
	B	4.47340400	-0.44993000	0.29065900
	B	4.52284600	1.00338800	-0.32324200
	B	3.12095100	0.55426300	0.58801400
	B	-0.86838300	3.47432100	0.87684500
	B	1.63246800	-2.89246800	-0.76931300
XVI	B	-1.71241700	2.95175400	-0.75204700
	B	-0.32097700	2.74708200	-1.67803600
	B	-0.93794300	0.06885700	-2.81965500
	B	-2.29193600	-0.24638700	-1.82920800
	B	-4.29306300	-0.44233100	0.32145000
	B	-2.72863000	-2.02404800	-1.47625900
	B	0.16873000	-1.24634900	-2.76812400
	B	1.11061200	3.08853700	-0.76777300
	B	-1.51072100	2.91798200	0.89601200
	B	-4.03813400	-1.14091400	-1.06455600
	B	-1.31201200	-1.42900600	-2.25216600
	B	1.16885900	2.04611400	-2.37301800
	B	-0.30547400	3.41292600	-0.15196200
	B	-2.83337700	2.05381600	-0.00517000
	B	-3.03494700	-1.64653400	0.25001100
	B	-2.40838400	1.63979300	1.64434500
	B	1.79706400	-0.78176300	-2.89401100
	B	0.82392100	0.46100700	-3.04424100
	B	2.44821600	2.27113700	-1.44220500
	B	1.27745600	-0.09388000	3.01780900

	B	2.74695000	0.27509300	2.27651200
	B	2.24383500	-2.75294000	0.79290600
	B	0.83280700	-2.60943700	1.68655000
	B	-0.58760200	-3.06217700	0.68727300
	B	1.98476700	-2.73648100	-0.87351300
	B	2.77916200	1.64234100	1.29960300
	B	0.19808500	1.31251500	2.93885600
	B	-0.72290900	-2.01827200	2.22228400
	B	0.91206000	-3.40489000	0.22161400
	B	3.40214200	-0.02673400	0.85207500
	B	1.75774400	1.46384500	2.61575800
	B	-0.43873600	-0.40044900	2.99436000
	B	-1.98223400	-2.35939400	1.29134900
	B	-1.41044100	0.85535200	2.77996800
	B	2.76014500	-1.39433400	-1.62791100
	B	3.58896900	-0.31352100	-0.72638100
	B	3.15367800	-1.66584900	0.04669600
	B	3.23028200	1.22641200	-0.34132700
	B	1.43527100	-2.19331400	-2.27060100
	B	-1.89137700	-2.77715500	-0.28744900
	B	-0.95936200	2.27285700	2.22621500
	B	2.45217300	2.65269200	0.09703800
	B	0.67241000	-1.59343300	2.93257000
	B	-0.30266100	1.59515500	-2.84338300
	B	-3.23946300	0.47529800	-0.68347700
	B	-3.68253900	0.92902200	0.88121900
XVII	B	-3.23681500	1.79494300	0.53370400
	B	-3.77405000	-2.01103100	-0.48008900
	B	-0.35904500	-1.31107500	2.26683500
	B	-1.20137300	-2.93950000	0.45878900
	B	-0.90952700	-0.26986400	-2.43206900
	B	1.59577900	1.79793200	-2.21821700
	B	-2.74578700	1.98198700	-1.26115700
	B	0.05736300	2.43710400	-1.86657100
	B	3.94839600	0.97662700	-0.60654400
	B	2.53217800	-1.16124000	1.59051000
	B	3.19612000	1.71358100	0.66884800
	B	0.55309300	-1.01781600	-2.36035100
	B	1.99495300	-2.99283400	-0.91343000
	B	1.16515200	-0.45100300	2.24727000
	B	-0.73151500	1.73200600	2.09208200
	B	0.65455700	2.86166600	1.51419200
	B	3.86810000	-1.54988700	0.59030100
	B	-0.29069700	0.26572700	2.60714800
	B	1.18451500	-2.10373300	1.70280600
	B	-0.18249300	-2.92302500	1.76710700
	B	2.71069200	1.92731400	-1.00139200
	B	0.95894100	1.29864900	2.29730900
	B	1.89057100	2.91048700	0.28606400
	B	-4.17119500	0.47665900	0.66344700
	B	3.19412800	-1.77740400	-1.00145300

	B	0.40738400	0.72597800	-2.45243200
	B	-0.96161700	-1.77212700	-1.80373400
	B	0.49403500	-2.65492200	-1.53758100
	B	-2.19852200	2.44043500	1.60309000
	B	-1.23295700	1.28377600	-2.04446400
	B	-1.80772200	2.75705700	-0.00815900
	B	-4.04925500	1.13160200	-0.82100100
	B	-0.87640900	3.24162100	1.30415100
	B	-1.65039400	-2.42091200	2.01490900
	B	1.49219000	3.05170000	-1.25191000
	B	1.90225100	-1.87717800	-2.03707700
	B	-2.31481500	-2.61250500	-0.82545800
	B	-1.45469500	2.86249200	-1.60901900
	B	2.47118600	-2.49485400	0.54969000
	B	2.14356000	2.31470500	1.77712000
	B	-0.90810200	-3.28856700	-1.13262000
	B	-2.84699500	-2.22863600	0.93353100
	B	-4.27999400	-0.48106000	-0.69958300
	B	-3.99122200	-1.07424300	0.83370000
	B	4.28996000	-0.60787500	-0.63773100
	B	3.47009200	0.03724700	0.69944100
XVIII	B	2.54445600	-1.20605900	2.31757900
	B	1.02608800	-1.65578900	2.94402800
	B	0.45130200	-3.45915500	0.04123800
	B	1.95449400	-2.97249600	-0.55498900
	B	3.89855600	-0.44073300	-0.52333400
	B	1.83070200	-1.97336200	-1.92692900
	B	-0.86413200	-2.90937200	-0.85544400
	B	-0.06866000	-0.49334300	3.20841600
	B	2.79693300	0.37302200	2.01740200
	B	3.10510200	-1.84920400	-0.52263400
	B	0.62336500	-2.94447300	-1.47804400
	B	-0.40568900	-1.99574400	2.33325000
	B	1.47047800	-0.10403700	2.82037700
	B	3.23684500	-0.91271400	0.92200200
	B	2.76608700	-0.54401900	-1.72445000
	B	3.41725500	0.81496900	0.37902200
	B	-2.14926600	-2.21512300	0.12294900
	B	-1.93494000	-2.20179400	1.76282800
	B	-0.76968200	-3.03058500	1.00656500
	B	-1.72899700	-0.74006700	2.42271800
	B	0.05006400	3.51090000	0.11788600
	B	-1.40399200	3.11708100	0.79817300
	B	-2.28476100	0.91739000	-2.11245800
	B	-0.80815000	1.52133100	-2.73512700
	B	2.21360200	2.32950000	-1.85870100
	B	0.40184300	0.42977000	-2.98331400
	B	-2.50381800	-0.77495300	-2.31420700
	B	-1.21512400	2.01999100	2.09825100
	B	1.40217900	2.80555400	0.92971800
	B	0.63511300	2.02224600	-2.25870500

	B	-1.09365700	-0.06981800	-2.70466000
	B	-2.68782900	2.14772200	0.75605600
	B	-0.02740400	3.00581900	1.65618700
	B	1.14648000	3.12045700	-0.98991600
	B	2.02566000	0.84262500	-2.47372500
	B	2.48140500	2.14646000	-0.23866500
	B	-3.22596700	-1.26338600	-0.75685100
	B	-4.25894900	-0.03776700	-0.20619200
	B	-3.79879500	0.12959200	-1.71872500
	B	-2.37781000	0.76013000	1.93247300
	B	-2.11318900	-2.18537400	-1.51932100
	B	1.60005400	-0.68242600	-2.85338400
	B	2.62016700	1.86592600	1.35011900
	B	-1.16056400	0.69561200	2.99837500
	B	-3.74650900	0.94697900	0.95450600
	B	-3.07034700	1.13871500	-0.58034100
XIX	B	-2.42083000	-2.38340400	-0.39440300
	B	-3.63617300	-1.18682900	-0.26353600
	B	-2.32326400	0.82156000	-2.14869700
	B	-1.50193800	-0.29095800	-2.93849300
	B	0.15056200	-2.79207200	-1.46111000
	B	0.94241400	-1.56997200	-2.37195700
	B	-0.53969300	1.05057900	-2.58887800
	B	-3.20130600	-0.16958500	0.98770200
	B	-1.67703800	-2.53213300	1.30663000
	B	-0.79181200	-1.77253700	-2.53178300
	B	0.08988300	-0.45727700	-3.06493200
	B	-3.22632700	0.27928300	-0.76057000
	B	-3.10686100	-1.87103800	1.05607500
	B	-1.54303300	-2.92761200	-1.62575300
	B	1.88464200	-2.39913000	-1.28837900
	B	-0.83570400	-3.01880200	-0.15520600
	B	-1.35786700	2.18285700	-1.61019100
	B	-2.98302500	1.95389600	-1.10619900
	B	-2.95258700	1.45712900	0.50386500
	B	1.10768500	-0.63593400	2.39920800
	B	0.42008700	0.84528600	2.67538400
	B	2.35194300	3.02495700	0.40030000
	B	4.22577400	0.52468500	0.51760500
	B	2.50002200	-1.32016000	1.88412600
	B	4.14131100	-0.43416000	-0.79951300
	B	1.37539700	2.77041000	-0.95032900
	B	-1.23051800	0.94784500	2.56738500
	B	-0.36254900	-1.88300000	2.36067900
	B	3.62338100	-1.07602500	0.68299300
	B	3.01448600	2.46357400	-0.98741900
	B	-0.07866200	2.16659900	1.87903600
	B	-0.45821300	-0.46235700	3.02890900
	B	2.32414300	-2.11022800	0.41822100
	B	1.22127900	-2.29016400	1.68090800
	B	-0.30905200	2.98074100	-0.59347000

	B	-0.84146900	3.40635800	0.94835800
	B	0.78506300	3.17914200	0.74013500
	B	-1.82081400	2.18754800	1.54890600
	B	0.21357000	2.38662000	-2.04083900
	B	3.38293400	-1.84452500	-0.84249300
	B	-0.17410500	-3.20341200	1.40191400
	B	-2.80095400	0.98457700	2.06768800
	B	3.60910200	1.96952400	0.49144700
	B	3.94520300	1.19077300	-0.97640100
	B	0.87673400	-2.97748600	0.05775500
	B	-2.01181500	2.83485800	-0.10467800
XX	B	-3.36635800	0.18556600	0.87054800
	B	-2.32233900	-3.28028100	-0.42047600
	B	0.80323300	-1.70513500	1.96158600
	B	0.96157900	-3.12906800	-0.21394400
	B	-1.01831200	-0.25672900	-2.26941000
	B	0.50507600	2.73509900	-1.62382900
	B	-3.43299100	0.87176400	-0.88070700
	B	-1.11649200	2.50305100	-1.49202600
	B	3.35966500	1.88539100	-0.77477400
	B	3.33886800	-0.14899300	1.72730800
	B	2.50588800	2.50666000	0.46922400
	B	0.64727000	-0.23387300	-2.45619700
	B	3.05483900	-1.45420200	-1.32124700
	B	1.74748500	-0.23485200	2.21509500
	B	-0.90734500	0.94302600	2.14414300
	B	-0.07276600	2.60164100	1.76317200
	B	3.46154200	0.93573100	0.53033100
	B	0.12196800	-0.32108600	2.43488200
	B	2.59914500	-1.60723000	1.53268700
	B	1.70039000	-2.99289800	1.25804800
	B	2.04169600	2.67567600	-1.14533000
	B	0.78451400	1.15488300	2.19160100
	B	0.90102300	3.15392400	0.23820100
	B	-3.85480700	-1.40025400	0.91480100
	B	3.22100300	0.25397800	-1.16718600
	B	-0.23645200	1.16313400	-1.97877800
	B	-0.31966800	-1.65648700	-1.93602800
	B	1.42326700	-1.77764200	-2.19149400
	B	-2.52455300	1.06148600	1.92335400
	B	-1.92165000	1.00401500	-1.76057800
	B	-2.66007700	1.75758300	0.41049800
	B	-4.01146900	-0.60356300	-0.47736500
	B	-1.70563400	2.44305100	1.62124400
	B	0.10741000	-3.19356500	1.28897400
	B	-0.44630100	3.65899100	-0.52278600
	B	2.25040000	-0.39788100	-2.33677200
	B	-0.68995600	-3.03277200	-0.73343600
	B	-2.92630700	2.38921900	-1.12882100
	B	3.18002300	-0.76733300	0.19899500
	B	1.48477500	2.62284500	1.73460100

	B	0.52432500	-3.06538700	-1.79399000
	B	-1.44689600	-3.41377500	0.94429400
	B	-3.43366400	-2.14669600	-0.52069600
	B	-2.87184000	-2.63196400	1.01045100
	B	-1.97915400	3.30590000	-0.14820600
	B	2.53964600	-2.36094500	-0.08996200
XXI	B	-3.24303000	0.01456000	-0.41086100
	B	-2.87362500	1.62986800	-0.43274700
	B	-0.53899900	2.31694900	-2.01632100
	B	-1.43360900	1.05963000	-2.52617400
	B	-2.08932500	-2.16624700	-1.61417500
	B	-0.29995300	-1.58337300	-1.70489200
	B	1.01294100	1.19988800	-2.21133100
	B	-1.94926800	2.24173300	0.87921900
	B	-2.78564600	-0.86432200	0.97363000
	B	-1.55279400	-0.56605800	-2.18179300
	B	-0.01067200	-0.08844400	-2.32385000
	B	-1.66222600	2.76224300	-0.75283100
	B	-2.98676000	0.86108000	1.07269400
	B	-3.26714200	-1.00566900	-1.89111100
	B	-0.87093500	-3.18685600	-1.32635500
	B	-3.21456100	-1.73009100	-0.33196500
	B	1.04740600	2.76467700	-1.55098300
	B	-0.29128900	3.59662900	-1.02895800
	B	-0.67351200	3.32702500	0.53591300
	B	0.06529000	-1.45628900	2.26524800
	B	0.74973200	0.01658200	2.48189500
	B	4.03138800	0.29878000	0.51164800
	B	3.18818500	-2.66759400	0.27960300
	B	0.60535400	-2.97269900	1.75546700
	B	2.30634300	-2.95825700	-1.04368900
	B	3.30682400	1.06205600	-0.85756900
	B	-0.15112700	1.42981700	2.36808300
	B	-1.81893400	-1.47554900	2.24588600
	B	1.60205500	-3.02536400	0.50358000
	B	4.09273400	-0.37115800	-0.97239900
	B	1.56594200	1.30280500	1.93219100
	B	-0.88604100	-0.07694800	2.63136500
	B	-0.26326600	-2.97811600	0.28382100
	B	-0.99259400	-2.83017200	1.79495800
	B	2.31123400	2.36264000	-0.33302900
	B	2.12988000	2.74321700	1.27315300
	B	3.07710500	1.48581300	1.03261500
	B	0.60460000	2.86443400	1.72471400
	B	2.42877800	1.90531100	-1.89752800
	B	0.69354300	-2.96729700	-1.21962700
	B	-1.96189600	-2.38337100	0.39586600
	B	-0.97365100	2.79480900	2.04434200
	B	3.98283600	-1.31796700	0.40915900
	B	3.49849600	-1.84697200	-1.14449700
	B	-2.57532600	-0.08263100	2.39511100

	B	-2.93448500	0.56089700	-2.01747400
XXII	B	3.09447100	-1.13403700	1.03790900
	B	3.70588700	1.35392800	0.08027900
	B	-0.25150400	1.39395800	2.44526700
	B	1.37930700	2.75881700	0.72124600
	B	1.62802000	0.45893700	-2.49632200
	B	-0.66447000	-1.85826200	-2.25760200
	B	3.39931700	-1.45015100	-0.88745900
	B	0.88919000	-2.29039700	-1.91990000
	B	-3.30454800	-1.07407900	-1.37814600
	B	-2.70895900	0.88749100	1.11410800
	B	-3.05825400	-1.90955500	0.03938700
	B	0.10523000	1.07411900	-2.33817000
	B	-1.42963400	2.96455700	-0.76549600
	B	-1.60876400	0.46382600	2.25045200
	B	0.35654400	-1.73413100	2.20163500
	B	-0.80499800	-2.86399000	1.47810700
	B	-3.82118200	1.39466700	-0.11507400
	B	-0.22033100	-0.27375600	2.64137100
	B	-1.65198800	2.08215300	1.67522000
	B	-0.05708500	2.84920500	1.53453800
	B	-1.98601700	-2.09140300	-1.33395000
	B	-1.35785900	-1.39204200	2.38805900
	B	-1.72569900	-3.03383500	0.15481500
	B	3.55866100	0.35897500	1.34512700
	B	-2.64685400	1.84827000	-1.25481600
	B	0.43550000	-0.66933600	-2.47812200
	B	1.56348700	1.87405300	-1.68391600
	B	0.04760500	2.56560300	-1.42751200
	B	1.92290500	-1.98227800	1.73900900
	B	2.05481000	-1.00222300	-1.97632000
	B	2.24797200	-2.37467600	0.19445400
	B	4.06820100	-0.26705200	-0.04173400
	B	0.89417200	-3.04240900	1.05630400
B	1.24359900	2.05106100	2.17475200	
B	-0.52689200	-3.07659500	-1.20605500	
B	-1.28451800	1.93599100	-2.09622300	
B	2.65921700	2.43779400	-0.39264000	
B	2.41602000	-2.55637800	-1.44942600	
B	-2.70996900	2.45522900	0.43835300	
B	-2.35900500	-2.24983300	1.47230700	
B	1.39736100	3.38355500	-0.85907600	
B	2.58228500	1.71446400	1.33353300	
B	-3.44076500	-0.24060700	0.05232600	
B	-3.72827300	0.45894500	-1.43839200	
B	-0.05205200	3.61318000	0.00287800	
B	-0.25014100	-3.81175800	0.22491600	
XXIII	B	-0.11181300	1.50595000	-2.59811100
	B	1.69165400	3.18145200	-1.19310500
	B	2.58532700	-0.95298700	-1.41876100
	B	3.24296600	1.15693000	0.02576500

	B	-0.15258400	2.97907700	1.85193600
	B	-3.43959900	0.51324600	1.50852800
	B	-1.37655300	2.49143100	-1.72090100
	B	-3.25120200	1.13620600	-0.02575400
	B	-1.21302600	-1.51688800	2.07980700
	B	2.22706800	-3.11443500	0.51255300
	B	-2.03739800	-2.53671500	1.03015400
	B	0.10136300	1.50775200	2.59676700
	B	1.86386300	-0.72012600	2.51784600
	B	2.05367000	-2.52473200	-1.02764100
	B	-0.46007700	-1.76113900	-2.33504000
	B	-2.22075200	-2.05674700	-1.70894100
	B	-0.52859900	-2.92797700	1.65300600
	B	1.22556400	-1.51250800	-2.08137900
	B	3.10517900	-1.80079200	0.14106200
	B	3.80023500	-0.41161500	-0.30762100
	B	-2.57855800	-0.96813300	1.41913000
	B	0.54843400	-2.92625100	-1.65247600
	B	-3.09311600	-1.82031600	-0.14037400
	B	1.36852400	2.04521600	-2.30236400
	B	0.47288600	-1.75804300	2.33643500
	B	-2.80168800	1.99965700	1.48416800
	B	1.36001900	2.50124900	1.72010000
	B	1.72533100	0.91065000	2.40128000
	B	-0.41069000	-0.09609600	-2.68990400
	B	-2.31393000	2.61855900	-0.19053400
	B	-1.73242100	0.89828800	-2.40082900
	B	0.13309200	2.97829500	-1.85253600
	B	-1.85992700	-0.73388200	-2.51875100
	B	3.43593200	0.53458500	-1.50837300
	B	-3.79753100	-0.43582100	0.30773100
	B	0.40912800	-0.09300600	2.68809500
	B	2.29690200	2.63355900	0.18950900
	B	-2.79041500	1.72753000	-1.45978200
	B	2.23432500	-2.04132700	1.70980400
	B	-2.20545400	-3.12793300	-0.51015500
	B	2.77830000	1.74562200	1.45918400
	B	2.78855500	2.01695100	-1.48518200
	B	-1.38223800	2.03821500	2.30206100
	B	-1.71233300	3.17135800	1.19193600
	B	-0.98027800	-3.23018300	-1.54783200
	B	1.00186700	-3.22412500	1.54949000
XXIV	B	-3.85327400	0.21249700	-1.25504500
	B	1.06048300	2.48229600	1.46813100
	B	-0.59267400	2.74165100	-1.34218800
	B	2.75326500	-2.14825500	1.07121100
	B	0.25521000	-3.07243600	0.06137900
	B	-2.19876400	-0.16250100	2.24862000
	B	-0.48879300	-0.07164400	-2.42960800
	B	3.53530000	0.97360200	-1.51001700
	B	0.29423100	1.35971300	-2.07370800

	B	0.49152600	0.11363500	2.74171700
	B	1.83277300	1.12986600	2.29300600
	B	3.53316900	-0.70291600	0.74381200
	B	1.17277100	-2.33024000	1.34581200
	B	-3.08060900	-1.19657200	-1.18143500
	B	-0.39243800	-2.89130600	1.60023500
	B	3.25864900	0.61841600	1.61464400
	B	-1.49120200	2.95819400	0.16277500
	B	-0.72525100	2.29443200	1.51779100
	B	0.30478000	1.72142800	2.72442700
	B	-3.50468500	-0.30872600	0.37135800
	B	-1.10020000	0.99377800	2.48597100
	B	3.75497300	0.85458100	0.09548800
	B	2.61138600	1.95612300	0.94345700
	B	0.09152800	-1.38246000	2.22240700
	B	-1.56516100	-1.69198700	1.60851400
	B	-1.47684600	-1.18284100	-1.77860500
	B	1.96351600	1.35111300	-1.94673700
	B	0.12334100	3.14061500	0.24187500
	B	-3.20667500	-1.22399100	1.75864800
	B	1.09176700	2.61709500	-1.35836800
	B	0.84707300	-2.96476300	-1.46532400
	B	-2.35198700	-2.65775100	-1.06789300
	B	-0.75801200	-2.81385500	-1.32944200
	B	3.64638200	-0.62146000	-1.02854300
	B	2.75459900	-0.09710700	-2.36009800
	B	1.16325400	-0.14907900	-2.53872800
	B	3.50582500	-2.03060900	-0.30359800
	B	0.17902900	-1.51751200	-2.05325200
	B	1.90003300	-2.64506900	-0.30151000
	B	-2.90147600	-2.00851700	0.37731100
	B	-3.99085400	1.24202000	0.02424700
	B	-2.18780100	2.73004000	-1.44359400
	B	-3.08148600	2.52841300	-0.03973800
	B	-3.46149800	1.75591900	-1.46047600
	B	1.77254000	3.08206500	0.13792600
	B	-1.48771900	-2.98589800	0.40714600
XXV	B	4.01719200	0.08922600	0.39249400
	B	2.12168400	2.84449200	0.95874400
	B	-0.39596200	1.93484400	2.21848600
	B	0.18495000	0.74967800	3.16596600
	B	1.85758400	-1.51997400	1.36487400
	B	0.39673200	-1.93692400	2.21703200
	B	-1.23212500	0.30985600	2.26148900
	B	1.27093200	2.94107700	-0.46108200
	B	3.15380600	-0.21909100	-1.20293500
	B	1.23337100	-0.31251000	2.26145200
	B	-0.18371600	-0.75279900	3.16583300
	B	0.54275100	3.00447100	1.14796400
	B	3.76612500	1.26510000	-0.75313200
	B	2.59165500	-0.05944900	1.48482100

	B	1.13849900	-3.11549100	1.24357900
	B	3.30930000	-1.33233300	0.28412400
	B	-1.85534900	1.51760200	1.36470700
	B	-1.13876900	3.11372900	1.24639600
	B	-0.41177100	3.01961900	-0.27070800
	B	0.13876300	-1.36349800	-2.46416700
	B	-0.78195900	-0.07901000	-3.05053900
	B	-3.76606700	-1.26345200	-0.75358800
	B	-2.92549000	-2.56713800	-0.42164300
	B	-0.28258000	-2.74717300	-1.74252100
	B	-2.12203900	-2.84544400	0.95718000
	B	-4.01634100	-0.08925000	0.39490400
	B	-0.13822700	1.36545900	-2.46322000
	B	1.89294000	-0.73290000	-2.19853800
	B	-1.27159700	-2.93945800	-0.46303900
	B	-3.07801300	-1.43215400	0.79127300
	B	-1.89133800	0.73340600	-2.19621800
	B	0.78281000	0.08129000	-3.05069400
	B	0.41052700	-3.01939000	-0.27289900
	B	1.26626600	-2.27367400	-1.51886100
	B	-3.30930800	1.33278600	0.28566300
	B	-2.82418700	1.80332900	-1.29222600
	B	-3.15815500	0.22135800	-1.20524600
	B	-1.26721300	2.27592500	-1.51870200
	B	-2.59119300	0.05799000	1.48588600
	B	-0.54286100	-3.00580800	1.14626200
	B	2.82420700	-1.80332000	-1.29288900
	B	0.28169900	2.74964900	-1.74069900
	B	3.07792400	1.43202300	0.79190800
	B	2.92528100	2.56779000	-0.42043600
	B	2.20735700	-2.65218400	0.06008700
	B	-2.20809700	2.65172600	0.06285900
XXVI	B	-0.49811600	-2.13134700	-0.90421600
	B	1.14159700	-1.81267800	-0.73481300
	B	-2.12395700	-2.34107700	-0.80162900
	B	-3.13648400	-0.99333800	-0.68870300
	B	0.15586200	-0.52176300	-1.03997400
	B	-2.47595900	0.46928700	-0.80582300
	B	2.43912200	1.17887100	-0.75622600
	B	-0.85090400	0.76637500	-1.07411900
	B	4.02616500	1.36209800	-0.15532900
	B	1.80829700	-0.30207900	-0.86646900
	B	5.78877400	-1.18911000	0.66209100
	B	4.32183300	-1.45935600	-0.04365600
	B	2.75930100	-1.65473200	-0.35426500
	B	6.50387600	0.37069300	0.93916300
	B	5.06143400	0.14759100	-0.01590500
	B	5.54015500	1.63564100	0.59125800
	B	-1.80433200	1.98028200	-0.52627100
	B	-3.37124100	1.78998000	-0.03896900
	B	-0.20219900	2.32018400	-0.83116600

	B	1.43124200	2.55674500	-0.79459100
	B	3.05594000	2.69445600	-0.39602500
	B	4.62686500	2.97819200	0.34755500
	B	5.19072500	-2.78952900	0.65055800
	B	3.69420100	-3.01567200	-0.04134000
	B	2.11539500	-3.24988900	-0.24989200
	B	0.51985300	-3.44870700	-0.48275900
	B	-1.07932700	-3.60508200	-0.39224200
	B	-2.66704000	-3.88421500	-0.06546400
	B	-4.68879500	-1.20487700	-0.04212100
	B	-3.71864300	-2.51863100	-0.31456000
	B	3.54815800	4.10679900	0.35364500
	B	2.01530600	4.02459400	-0.01813700
	B	0.40949800	3.76512300	-0.25888000
	B	-1.19592100	3.63098100	-0.20912600
	B	-2.75535900	3.34695300	0.05387700
	B	-5.67829500	0.04547800	0.29046200
	B	-4.90943900	1.50766100	0.40915400
	B	-4.36703800	3.10721700	0.34729700
	B	6.62046700	-2.43258700	1.31232300
	B	7.24960200	-0.99816500	1.38254300
	B	-6.46158100	1.36691500	1.20359100
	B	-5.82510200	2.79972000	0.91872200
	B	-4.15055200	-3.96924500	0.42170300
	B	-5.18212400	-2.80536000	0.55905800
	B	-6.08354100	-1.45377500	0.94124700
	B	-6.79771900	-0.17062200	1.51842100
XXVII	B	-0.13466400	-2.23627500	-0.65196100
	B	1.48402700	-1.99067100	-0.70453300
	B	-1.77451100	-2.44337500	-0.66535400
	B	-2.79293100	-1.12183400	-0.69810800
	B	0.46878200	-0.67007300	-0.81652700
	B	-2.08990500	0.41072600	-0.55995600
	B	2.79274600	1.12183000	-0.69780500
	B	-0.46882700	0.67018100	-0.81659500
	B	4.27210700	1.25016000	0.15190900
	B	2.08989400	-0.41074000	-0.55982000
	B	6.22241400	-1.43973500	0.73536200
	B	4.81650900	-1.57586600	-0.39242700
	B	3.10089200	-1.85399300	-0.40700000
	B	6.66537100	0.07471100	1.06486200
	B	5.12545800	-0.12524100	0.49862400
	B	5.78206100	1.38123500	0.97338000
	B	-1.48432400	1.99084300	-0.70532400
	B	-3.10102900	1.85399800	-0.40709600
	B	0.13435400	2.23639900	-0.65193800
	B	1.77437600	2.44336000	-0.66491900
	B	3.17566600	2.44513200	0.33919400
	B	4.75269800	2.70538200	0.97960000
	B	5.45106400	-2.81375700	0.57077600
	B	4.03515400	-3.24477400	-0.01507800

	B	2.49610000	-3.40640200	-0.39976900
	B	0.85354300	-3.63827400	-0.42149500
	B	-0.72906000	-3.76242900	-0.28386000
	B	-2.25564200	-3.87964500	0.32540000
	B	-4.27196100	-1.25012900	0.15214400
	B	-3.17554100	-2.44518400	0.33900700
	B	3.70772300	3.89005000	0.93131700
	B	2.25572700	3.87957800	0.32568800
	B	0.72901700	3.76225600	-0.28321800
	B	-0.85365100	3.63827800	-0.42144200
	B	-2.49624800	3.40646100	-0.40002900
	B	-5.12531600	0.12526800	0.49877500
	B	-4.81663300	1.57579000	-0.39254700
	B	-4.03526900	3.24482400	-0.01527600
	B	-6.22233500	1.43968700	0.73557900
	B	-5.45103300	2.81371200	0.57076000
	B	-3.70745800	-3.89005800	0.93143200
	B	-4.75239800	-2.70544400	0.97985000
	B	-5.78176600	-1.38121600	0.97373900
	B	-6.66511200	-0.07474200	1.06531800
	B	-3.79472700	0.27060700	-0.55537000
	B	3.79466000	-0.27061000	-0.55526800